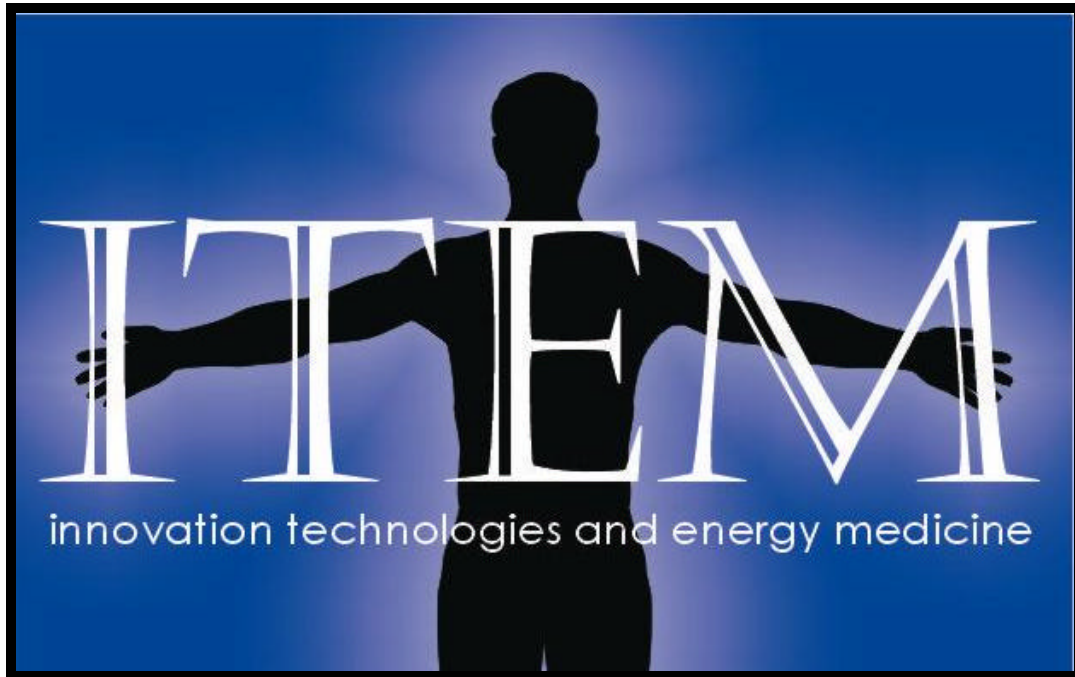


RESONANT FIELD IMAGINGä

Aura and Brain Imaging System



Technician's Manual for Scientific and Clinical Applications

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RFI Software Installation Instructions

There are two files on the enclosed **RFI™** Version 3.1 software CD. These are:

- RFI_Windows.exe – for users of Windows (Windows 98 and later).
- RFI_macos.sit – for Macintosh users (OS10 and later).

Windows users please follow these instructions:

1. Insert the CD into your CD-ROM drive. Click on the Start menu in the bottom left corner, and then click “Run”. Type “D:\RFI_Windows.exe” and click Enter to start the installation process (assuming D: is your CD-ROM drive). Alternatively, you can open Windows Explorer and click on the RFI_Windows.exe file to begin installation.
2. Read and accept the license agreement, and follow the install wizard to select the location where RFI™ Version 3.1 software will be installed. Upon completion, a desktop icon and start menu shortcut will be created. The first time that you run RFI™ 3.1, a popup screen will request your Serial Number, which is provided in the cover letter to your system. Then you can begin to use the software.

Mac users please follow these instructions:

Insert the CD into your CD-ROM drive. Click on the RFI_macos.sit file, which will expand the install program into a temporary directory. Click on the Resonant Field Imaging v3.1 Installer file to begin the installation process. Then, follow the same installation process as described for Windows users above.

Other important notes:

- Please check the RFI™ Investigators’ website, <http://www.item-bioenergy.com/password/updates.asp>, for updates and accessories available for your software and RFI™ system, including the RFI™ Technical Manual. Use the user name and password provided to you in the cover letter to your system.
- A video is available at <http://www.item-bioenergy.com/rfi/software/video.html> that may be useful in your understanding of the system. This video is not for the purpose of training, however. A training video is under development and will be made available on the RFI™ Investigators’ website when complete.
- All questions, comments and suggestions should be directed to ITEM’s email address: Central@item-bioenergy.com; you may also call ITEM at 1-888-304-4836, which is toll-free in the US. For international users, you may go to the bottom of any ITEM web page and have ITEM’s system automatically call you at the number you provide.

Clarification

RFI is an electromagnetic feedback and imaging process. This new, experimental technology gives detailed scientific information and objective interpretations for all Auras and bioenergy fields, and identifies the type and function of all bioenergies present in specific regions of the human brain. **RFI**, in and of itself, is not merely a device or product. It is a **method, or process**, which requires copyrighted materials, and is driven by an intricate system of calculations and formulas. In other words, **RFI** is really intellectual property, integrated into a computer system that performs a technical process to generate color images and interpretations. You have purchased a license from ITEM to use the **RFI** process (including the equipment and software necessary to perform the process), and the name of the person listed on the enclosed **Certificate of Licensure** is considered by ITEM to be the **Licensed RFI Investigator** or user.

Disclaimer

The **RFI** system and its components are not intended for the diagnosis, cure, mitigation or treatment of any disease nor any other medical condition, and is not intended to affect the structure or any biological function of the body. **RFI** is strictly an “analysis tool” that can be used to identify psychological and physiological energy-information. This information can then be used in various ways depending on the training and experience of the investigator or practitioner.

Copyright Notice

This Manual and the **RFI** software program is Copyright © 2006, Innovation Technologies and Energy Medicine (ITEM). All international rights are reserved. Neither this Manual nor the software may be copied and distributed to anyone other than the Licensed Investigator named on the **Certificate of Licensure** accompanying the **RFI** system, unless the Investigator receives written authorization from ITEM. The software shall not be installed on more than one desktop or laptop computer unless written authorization is received from ITEM. The Licensed Investigator is bound by these rules and the **License Agreement** that is presented as part of the **RFI** software and reprinted on the following pages.

License Agreement for Resonant Field Imaging

The **RFI License Agreement** must be accepted before you can install the **RFI** software program. It is reprinted here for your convenience and reference.

Individual Scientific Researcher Contract

Read Carefully: This is not a standard contract. It is unique and specialized, and establishes your rights and restrictions related to using RFI.

PREAMBLE:

- 1.1** Resonant Field Imaging™ (**RFI**) is an experimental process which constitutes an external type of magnetic resonance imaging, intended to analyze a client's mental, emotional and psychological states, and identify psychosomatic factors of physical illness. Its direct application to health conditions is presently unknown. The trademark 'Resonant Field Imaging' is an Intended Use trademark, used to identify Innovation Technologies and Energy Medicine (ITEM) as the source of the developing electrofield and brain imaging technology.

ITEM OBLIGATIONS:

- 2.1** Innovation Technologies and Energy Medicine (ITEM) hereby grants a license to the purchaser of this software, hereinafter referred to as Licensee, to use the Resonant Field Imaging™ process, and related copyrighted materials and data derived from trade secrets, in the capacity of a Scientific Investigator.
- 2.2** Upon accepting the terms of this license agreement, Licensee is granted the official title of 'Scientific Investigator' of ITEM's Scientific Research Department, and may represent this status on resumes and correspondence.

- 2.3** Toward this purpose, ITEM hereby: (A) provides a frequency counter, antenna, computer software, and any other parts required for the imaging process; (B) provides the copyrighted ITEM Technical Manual containing detailed instructions to perform the **RFI** process; (C) grants Licensee full use of the software for creating full color images and interpretations, and full use of the ITEM Technical Manual for using the **RFI** process in therapeutic practice and scientific research.

LICENSEE OBLIGATIONS:

- 3.1** In consideration for this license, Licensee agrees to: (A) preserve the 'Resonant Field Imaging' trademark by ensuring that the name remains on all printed materials in connection with the **RFI** process and ITEM, and that the letters 'T.M.' appear with every use of the name 'Resonant Field Imaging'; (B) actively represent Innovation Technologies and Energy Medicine (ITEM) as the source of this technology; (C) make reasonable efforts to record **RFI** accuracy and success rates, and periodically submit such record to ITEM; (D) report all inconsistencies, inaccuracies, and unexpected results of **RFI** mapping or analysis to ITEM; (E) pay the licensing fee set by ITEM, which is included in the purchase price of the equipment; (F) respect and follow all of the Restrictions and Conditions in this contract. Licensee may install the **RFI** software on one desktop and one laptop computer without permission; additional installations must be authorized by ITEM in writing.

RESTRICTIONS AND CONDITIONS:

- 4.1** Licensee promises not to knowingly reveal or share the numerical data of the **RFI** process to any individual under any circumstances, and to actively guard such data against unlicensed viewing or use.
- 4.2** Licensee agrees not to make unauthorized copies of the software or any part of the instruction manual. Replacement or backup copies of the software or instructions shall be

obtained directly from ITEM.

- 4.3** All requests for authorization to reproduce the software or copyrighted materials, or requests for authorization to teach **RFI** to another person shall be directed to Innovation Technologies and Energy Medicine in writing.
- 4.4** Licensee is prohibited from teaching any other person or organization to practice or study the **RFI** process, without written consent from ITEM. Licensee does have the right to train assistants only to assist Licensee in therapeutic practice, scientific research, or producing images at public events, without permission, but such assistants may not use the **RFI** process or materials independently without purchasing a separate licensed package from ITEM.
- 4.5** Licensee agrees not to reverse engineer from any **RFI** materials or software to discover the trade secrets of ITEM. In the event that such trade secrets are discovered by Licensee, whether willfully or accidentally, Licensee promises not to reveal such trade secrets to any other individual or organization, and agrees not to use such trade secrets for any commercial or public purpose.
- 4.6** Licensee agrees not to seek any patent rights or copyrights based on the **RFI** process.
- 4.7** Any and all discoveries, improvements or developments by Licensee related to the **RFI** technology itself, specifically the functioning, performance, study, or use of the **RFI** process, shall become and remain the intellectual property of ITEM. ITEM acknowledges that discoveries and developments related to other technologies, which are merely aided by the intended use of **RFI**, remain the property of Licensee as permitted by law.
- 4.8** Any and all research, experiments and reports made by Licensee are deemed to be in furtherance of ITEM's due diligence in developing the technology for a patent, in Licensee's agency capacity as a licensed Scientific Investigator.

ACCEPTANCE:

- 5.1** Acceptance of this agreement occurs when Licensee clicks the 'YES' button on the computer to install the software.
- 5.2** If the purchaser clicks on 'No', and the software is never installed on any computer, then the purchaser of the license has the right to return the entire package for a refund of the license fee and equipment costs, excluding postage, minus a 'restocking' fee to be set by ITEM.

SPECIAL PROVISIONS FOR ORGANIZATIONS:

- 6.1** If the purchaser of this license is not an individual, but rather a corporation, registered partnership, accredited educational institution, any department of the government of the United States or the government of any state therein, or any organization or entity using **RFI** for studies funded by the National Institutes of Health or any other state or federal science program, then the additional provisions of section number 6 shall apply.
- 6.2** All of Licensee's materials describing any results of studying the **RFI** process itself, whether by reference to Resonant Field Imaging™ or Innovation Technologies and Energy Medicine, and any statements regarding the effectiveness or use of **RFI**, shall not be published without prior written approval by the President of ITEM. In recognition of the fact that grants and federal funds often impose an obligation to disseminate the results of research, such approval shall not be unreasonably withheld.
- 6.3** In the event that Licensee, being an organization as described by section 6.1, violates any of the Licensee Obligations, Restrictions and Conditions, or Special Provisions for Organizations, Licensee hereby agrees and consents to pay liquidated damages in the amount of \$10,000. Such liquidated damages shall not preclude nor substitute for any

other damages which can be awarded under federal patent, copyright, trademark and trade secret law, except as pursuant to a legally binding settlement agreement.

OTHER TERMS OF CONTRACT:

- 7.1** The term of this contract is perpetual. If and when ITEM obtains a patent on **RFI**, Licensee shall retain a license to use the patented technology for the purposes specified in this contract.
- 7.2** Licensee agrees to be perpetually bound by the Obligations, Restrictions and Conditions of this licensing agreement at all times after receiving and using the **RFI** package, unless ITEM grants a written release from obligation.
- 7.3** In accepting this agreement, Licensee has not relied on anything other than that which appears in this writing.
- 7.4** In the event that any of the above provisions is held invalid, all remaining provisions shall retain their full force and effect.
- 7.5** Any disputes arising under this agreement shall be governed by U.S. law, and shall be resolved in a U.S. court of competent jurisdiction.
- 7.6** Licensee hereby concedes personal jurisdiction to such U.S. court of law.
- 7.7** Any provisions for conflict of laws shall not apply.

RFI Return Policy

RFI is NOT a commercial product, and ITEM is not a retail store. **RFI** is an experimental scientific research and development program, giving our researchers cutting-edge technology to develop this as well as their own technologies in cooperation with ITEM. All funds from this program are actively used for development of the technology based upon comments and suggestions from our researchers.

All **RFI** systems are **SPECIAL ORDER**, and thus **No Returns or Refunds** can be applicable, except for unusual circumstances at the discretion of ITEM's President. This policy supersedes any conditions expressed elsewhere, and may be modified in the future to account for new technology that ITEM incorporates to protect its trade secret materials.

Because of the extensive amount of information, full disclosure, and audio-visual demonstrations of the **RFI** system and its software published on ITEM's web site, our researchers receive a system that by definition meets all reasonable expectations based upon ITEM's extensive published information. Because of many past attempts at theft of the technology and criminal fraud by violation of the copyrights and the trade secret license agreement, ITEM does not consider nor evaluate any claims relating to its effectiveness, all of which contradict the scientific findings of ITEM and its honest researchers who have enjoyed great success with this technology for their own legitimate purposes.

Accordingly, **RFI is NOT subject to returns or refunds**, and All Requests for Returns or Refunds will be treated Only as Technical Support Requests. **RFI** researchers have an obligation by their License to allow ITEM to assist them with Technical Support, to ensure that they understand how to set up and effectively use the equipment, to achieve the same success that other **RFI** users enjoy.

While there are **NO RETURNS OR REFUNDS** allowed for this technology, ITEM does permit users to re-sell their system to other individuals if they no longer require its use for their current purposes, or no longer wish to experiment with it. In such cases, ITEM will cancel the first license and re-issue a new license to the new user, based upon a written request from the original **RFI** researcher.

1.0 GETTING TO KNOW YOUR RFI SYSTEM

1.1 ABOUT ITEM

Thank you for joining our efforts at Innovation Technologies and Energy Medicine (ITEM) in exploring the experimental technology called Resonant Field Imaging™ (RFI). (Note - hereafter, the abbreviation **RFI** will be used to refer to the trademark name Resonant Field Imaging™).

ITEM was originally established in 1994 as the US corporation “Institute of Technical Energy Medicine, Inc.”, for the purpose of developing proprietary, “cutting edge” technologies in the fields of energy medicine and bioenergy science.

ITEM has the following primary missions:

- Using its expanded infrastructure and resources, ITEM creates new and innovative technologies, making them available to high-tech consumers and hobbyists for personal use, as well as to scientists, psychologists and health practitioners for professional use.
- ITEM is a full service research & development and technology marketing firm, specializing in unique, proprietary technologies in the fields of electronics, electromagnetics, brain and neurological science and health care.
- ITEM provides practitioners, researchers and companies in the scientific and health industries with professional business development services.

ITEM continues to operate and expand its original corporate structure, the “Institute of Technical Energy Medicine, Inc.”, which today functions as ITEM’s own in-house, specialized Institute for the alternative health and bioenergy science industry sectors. The Institute’s primary mission is to give people the tools to explore bioenergy science and energy medicine on their own, from a critical and technical perspective. It accomplishes this primarily through operating ITEM’s popular

Professional Development Series (PDS), and administering the international Certified Energy Medicine Analyst (CEMA) Program.

1.2 WHAT IS THE “AURA”?

RFI, and the presumption of the existence of the Aura, is based upon the principle that all mental activity is electromagnetic. While some medical theorists argue that mental activity is chemical, because of the chemical neurotransmitters involved, the fact is that neurotransmitters are created only when electrical impulses induce a voltage in a neuron that exceeds its firing threshold. In addition, EEG (electroencephalogram) technology shows that mental activity can be effectively analyzed and monitored entirely by electromagnetic principles.

In electrical engineering, it is an established principle that all electrical currents produce surrounding electromagnetic fields. Accordingly, our psychological and emotional activities are sent throughout the body as electrical impulses, radiating electromagnetic fields outside the body, which are characteristic of the mental activity that generated them. Indeed, even the mere movement of atoms will produce a quantifiable electromagnetic field. This is most clearly observed in the case of charged radioisotopes, but even neutral atoms and molecules will emit a field through valence motion of the charged substructure particles. As proven by Russian Tesla technology experiments in the 1950s, this phenomenon causes prokaryotic organisms to produce an external electromagnetic field, which consists of the combined radiations from millions of molecules in the biological body.

1.3 WHAT IS RFI?

RFI is an experimental electromagnetic feedback and imaging process. This new technology gives detailed scientific information and objective interpretations for all Auras and bioenergy fields, and identifies the type and function of all bioenergies present in specific regions of the human brain.

In particular, **RFI** generates complete psychological profiles that fully reveal the role of a patient's psychology in their health condition. While it is not intended for medical diagnosis of specific illnesses, **RFI** does give comprehensive information about a patient's health conditions, and provides a detailed and technical level of information that trained medical doctors can use as a factor in their professional decisions.

Perhaps most interestingly, **RFI** is the first Aura imaging technology that can create full color bioenergy charts of objects, plants, animals, and even ambient bioenergy or brainwaves in the air, so its use is unlimited.

The **RFI** system accurately identifies and interprets 15 colors of bioenergy, representing all 15 distinguishable colors of the optical spectrum, giving it the maximum possible usefulness for detailed and accurate images and interpretations.

RFI, in and of itself, is not merely a device or product. It is a method, or process, which requires copyrighted materials, and is driven by an intricate system of calculations and formulas. In other words, **RFI** is really intellectual property, integrated into a computer system that performs a technical process to generate color images and interpretations. The scientific principles of this process, and the tools to use this imaging system, cannot be learned anywhere except by purchasing a license to use **RFI** as a Scientific Investigator of ITEM. When you purchase the **RFI** package, you are really purchasing this license, as well as all necessary digital, electrofield and computer software equipment, to ensure that you get the best results studying and experimenting with this growing technology.

1.4 THE USEFULNESS OF RFI

All mental activity is primarily electrical, and electrical impulses in the brain travel throughout the nervous system, thereby radiating electrical fields which are characteristic of the of the mental activity which generated them. Therefore, the objective scientific analysis of mental and emotional states requires a technical understanding of the electromagnetic characteristics of various mental

states, through case study. By mapping the electromagnetic fields surrounding the human body, Aura imaging using **RFI** gives one a tangible objective starting point to psychological analysis.

To develop a system of interpretation suitable for clinical use, ITEM's inventors began with the scientific premise that color is frequency. Applying their experience in electrical engineering, they were able to calculate the resonant frequencies of actual color as light energy, and created a complex formula of resonant and harmonic correspondences. This formula translates all detectable electromagnetic frequencies into their scientifically objective colors. In this way, Aura colors can be detected by identifying the precise frequency of the bioenergy field in a specific location. The true color of the bioenergy can be determined by using the formula to find the optical spectrum color that corresponds to the bioenergy frequency number that was detected. This trade secret formula is an essential part of the computer software in your **RFI** package. A laminated table of color-frequency associations is also provided with **RFI** as a quick "lookup" chart for those occasions when you are away from your computer.

The accuracy of the **RFI** formulas and the color interpretations are tested extensively before each generation of prototypes is made available for our Scientific Investigators to test and use for their own analysis.

At one particular health conference where ITEM was testing and introducing **RFI**, the resulting color Aura image may have played a role in helping to save a woman's life. A middle-aged woman requested a health-level **RFI** reading, and ITEM's technician on duty discovered a "large red band" across the upper thorax region of the client. The technician, suspecting that an excessive concentration of red material energy could potentially be breast cancer, asked if she had ever had a mammogram, to which the woman responded that she had not. The technician advised that she may want to in the near future, emphasizing that this was not any type of diagnosis, but merely a logical precautionary suggestion. A few months later, the woman wrote ITEM and praised **RFI** technology for helping to identify a small malignant tumor that was successfully removed in time. She concluded the letter by stating: "**RFI** is a scientific instrument which may have helped to save my life, and I would recommend all alternative therapists use **RFI** as a supplement to their

practice.” (This reference is provided only as an indication of the possible benefits of **RFI**, and in no way implies that **RFI** can diagnose such conditions or guarantees you will have such results).

The **RFI** package is the product of exhaustive research in the field of electrophysics and psychobiology. Whether you are a medical doctor, chiropractor, physical therapist, psychotherapist, alternative health practitioner, or someone interested in exploring the new frontiers of science, we are confident that you will find **RFI** an interesting and useful tool in your endeavors. Please note, however, that **RFI IS NOT** a diagnostic tool, and should not be represented as such.

1.5 RFI HAS CLINICALLY USEFUL OBJECTIVE INTERPRETATIONS

Many scientists and doctors have found it particularly intriguing that a technology can analyze psychological and emotional states. During ten years of research in this field, ITEM found that emotion itself is essentially an energy reaction to a perception. First, one has a psychological perception of oneself and one's environment. This perception, being a mental process, induces characteristic electrical impulses in the brain, which can affect related parasympathetic nerves or endocrine glands (e.g., a perception of fear stimulates the adrenal glands via the brain). Since the brain is neurologically connected to the entire human body, these electrical impulses may travel throughout the central, sympathetic and parasympathetic nervous system, creating the characteristic electrical fields.

Current research further suggests that certain levels of bioelectrical Aura fields are caused by more physical events in a biological organism. Biological activity such as autonomic responses initiate cellular and electrochemical changes, thereby creating an environment thermodynamically favorable to the conversion of metabolic kinetic energy into electromagnetic energy. In this process, localized bioenergy “complexes” to form a dynamic field that differentiates according to the neurological information that stimulated it. Since the muscles and skin are no barrier for such electromagnetic energy, the bioenergy field can and does radiate outside of the organism to become what we call the Aura.

According to the above biophysics, information about the “health” status of a complex organism is available from the coordination of sub-cellular energies, much the same as in a prokaryote. Any decrease in homeostasis, including parasitic infection, genetic mutation, arterial constriction, etc., will produce a corresponding modification in the bioelectrical field. **RFI** is an initial attempt to quantify and objectively interpret such modifications.

1.6 RFI HAS A FIRM SCIENTIFIC BASIS

RFI technology began as an experiment to develop a scientific basis for the clinical use of Aura imaging such as Kirlian photography, and to legitimize Aura imaging in general. While there are some highly effective and sophisticated Aura imaging devices, there has previously been no empirical rationale for interpreting Aura colors to analyze psychological or physical health conditions.

The hypothesis of the initial **RFI** experiments was that if Aura photography and visualization was real, then Aura cameras and psychics would “visually” see the exact same colors as the objective biofield frequency colors scientifically identified by **RFI**. In a controlled preliminary test of 10 reputable “psychic Aura seers,” paired with 10 separate imaging clients, **RFI** verified the same colors as the psychics saw, all 10 times. In other experiments, 10 Russian “extrasenses” - who are certified specially trained bioenergy workers with medical education - tested **RFI** detection by willfully projecting specific colors in their Aura. In double-blind studies, the extrasenses would announce the color they intended to project, and the **RFI** frequency data verified the extrasense’s color 100% of the time.

In January of 1995, ITEM Founder Matthew Greene gave a formal presentation of **RFI** to the department heads of Moscow Bauman State Technical University, in Russia. The scientific rationale for proper interpretation of **RFI** images was discussed in detail, and the scientists of various disciplines offered comments and constructive criticism. Based upon the debate at this meeting, ITEM has developed technical principles that enhance the legitimacy and clinical

usefulness of **RFI** Aura imaging. ITEM continues this research today, and licensed users of **RFI** will receive updates of any new advancements.

1.7 YOUR RFI PACKAGE INCLUDES

- 1)** The comprehensive technical manual, **Resonant Field Imaging™ Technician's Manual for Scientific and Clinical Applications**, containing detailed instructions on how to use your **RFI** system to produce full color images and interpretations of the Aura and the human brain. Please note that this manual contains many color graphics that have been copied in black and white – this is due to the extreme costs of color copying. If you are interested in seeing the manual in color, you can contact ITEM and request that the electronic file for the manual be sent to you through email.
- 2)** **A Hand-Held Digital Frequency Counter** device and specially tuned antenna, produced by an independent manufacturer of standard scientific equipment. We test and select various devices from different manufacturers, and select the one that is best suited to the **RFI** process, and which gives the best results with maximum flexibility and ease of use.
- 3)** **Exclusive custom engineered Computer Software**, which includes:
 - **Full Human Body Aura Imaging**, which prints full color images and detailed interpretations of the Psychological Profile, Health Profile, and Brain Waves of your clients.
 - **Medical quality Brain Mapping**, which prints full color images of the brain, and detailed interpretations of right brain bioenergies, left brain bioenergies, and integrated brain bioenergies.
 - **Filing System**, which allows you to save and retrieve client data files. This gives you the freedom to reprint a client's images and interpretations at a later time, and

the ability to scientifically document clinical studies of the effectiveness of experimental therapies or medical treatments.

- **Point / Object Analysis**, which allows you to identify the bioenergy in only one region of the Aura, and receive a Psychological, Health, Herbal/Botanical, or Brain State interpretation of the bioenergy color detected in that region. This gives you full freedom to read the human Aura in as much or as little detail as you wish, and the unique ability to identify and analyze the bioenergies of objects, plants, animals, or even paranormal phenomena.

The **RFI™** Software requires Windows 98 or higher or Mac OS X 10 or higher, 128 MB RAM, a 500 MHz processor, a CD-ROM drive, 30 Megabytes of hard drive space, and a color printer. It is designed to run at full capacity even on a portable notebook or laptop computer.

- 4) **Lifetime License** to use this exclusive technology, and all copyrighted materials including the software program, interpretations, imaging charts, and the Technical Manual.
- 5) **Technical Support.** We will gladly answer any questions to help you use **RFI** in your health practice or scientific research laboratory. We regularly process all questions from our licensed **RFI** users, conduct further research to develop the best answers, and update ITEM's **RFI** website with this information. We prefer that you contact us by email (**Central@item-bioenergy.com**), but feel free to also call our toll-free US phone/fax center, 1-888-304-ITEM (1-888-304-4836).
- 6) **100% White Cotton Lab Coat**, which we recommend that you wear while taking **RFI** measurements, as discussed in **Section 3.0** of this Manual.
- 7) **Free Listing in ITEM's International Directory of Energy Medicine Professionals.** For one year, ITEM will advertise your services and expertise on ITEM's new on-line directory.

If you would like to participate, please send an email to **Central@item-bioenergy.com**, and include your full name as you would like it to appear on our site, your degrees, complete contact information, company (if applicable), and a short description of your area of work and expertise in the broad field of energy medicine.

2.0 UNDERSTANDING AURAS AND BIOENERGIES

2.1 A BASIC INTRODUCTION TO THE AURA

For many millennia of human history, it has been a widespread belief that all objects, especially human and animal bodies, have an Aura (or electromagnetic (EM) field), and that this Aura can be visible to the trained eye. Late 19th century metaphysical science expanded on this concept with the theory that all things possess a body of etheric substance, commonly called the Ethereal Body, which is composed of the higher frequencies of subtle energy and finer pre-matter quantum particles which are intimately bound up with the physical body, as a product of creation of matter by electrofield manifestation through the quantum particles onto the physical plane.

Considering the mechanics of subtle energy fields and energy-matter interactions developed in the late 20th century academic sciences of Bioenergyinformatics and torsion field physics, and given the advanced state of modern scientific instrumentation, it seems both reasonable and logical to conclude that the Aura can be quantified and tangibly studied in an experimental manner. Indeed, since colors of light are defined by frequency, subtle energies and the bioenergy that emanates from all living things can be quantified as electromagnetic field energy that resonates with different frequencies of light.

In fact, much has been learned this century about the light properties of subtle energy fields and Auras from the works of such prominent scientists as the Polish doctor Iodko-Narkovitz, who worked with photo-electricity and electrical field measurement, the Russian inventor Semyon Davidovich Kirlian, who experimented with the qualities and meanings of Auras using photography and electrofield imaging, and the British doctor Walter J. Kilner, who eventually invented a series of goggles and filters through which anyone can see Auras in detail. Many people are also aware of Harry Oldfield's invention, Polycontrast Interference Photography (PIP), which visualizes patterns of light radiating from biological organisms and inanimate objects. In fact, currently the list of inventions using subtle energies as treatments and subtle energy detectors is so long that we could not possibly discuss them all here in this Manual. In this Manual we focus on **RFI**, which

is a process that will introduce you to subtle energy detection and the exciting new field of bioenergy science, also commonly called bioelectromagnetics.

For the purposes of university level scientific research, the presumption of the existence of the Aura can be based upon the principle that all mental activity involves electrostatic or electromagnetic energy-information exchange. While medical theorists tend to argue that mental activity is merely chemical, because of the chemical neurotransmitters involved, the fact is that neurotransmitters are created only when electrical impulses induce a voltage in a neuron that exceeds the firing threshold of that nerve. In addition, EEG (electroencephalogram) technology shows that mental activity can be effectively analyzed and monitored entirely by electromagnetic principles.

In electrical engineering, it is an established principle that all electrical currents moving through a wire produce surrounding electromagnetic fields. Accordingly, when our psychological and emotional energies are sent throughout the body as electrical impulses along the biological (neural) and energy (meridian) pathways, these transmissions cause electromagnetic fields to radiate outside the body. By this process, the tangible features (frequency, waveform, etc.) of these radiating electrical field energies are characteristic of the mental activity that generated them, as much research in this field has revealed.

Indeed, even the mere movement of atoms will produce a quantifiable electromagnetic field. This is most clearly observed in the case of charged radioisotopes, but even neutral atoms and molecules will emit a field through valence motion of the charged substructure particles. As proven by Russian Tesla technology experiments in the 1950s, this phenomenon causes prokaryotic organisms to produce an external electromagnetic field, which consists of the combined radiations from millions of molecules in the biological body.

Many researchers in this field believe that complex biological organisms such as humans also produce electrofield frequencies in much the same way, except that in addition to the atomic and molecular contribution, the nervous system and energy meridians play a significant role. The

nerves and nerve synapses carry electrical currents as large as 55 millivolts (mV) for neuron firings, and sometimes as large as 3 volts for motor impulses (to move the muscles), which radiate much larger electrical fields in accordance with electrofield physics. All of these radiating fields, classified as bioenergy, are the very tangible essence and definition of the human Aura.

Many scientists and doctors have been particularly intrigued by metaphysical scientists' claims that the Aura's energy-information can be used to accurately analyze a patient's psychological and emotional states. This claim is better understood and fairly well supported by discussing some more tangible causal relations. The consulting scientists and researchers at TEM, while processing nine years of electrical engineering-based research, have found that emotion itself is essentially an energy reaction to a perception. First, one has a psychological perception of oneself and one's environment. This perception, being a mental process, induces characteristic electrical impulses in the brain, which are transmitted to related parasympathetic nerves or endocrine glands. For example, a perception of fear creates specific electrical impulses in the brain that transmits electrical neural impulses to stimulate the adrenal glands. Since the brain is neurologically connected to the entire human body, these electrical impulses may travel throughout the central, sympathetic and parasympathetic nervous system, creating characteristic electrical fields.

Current research further suggests that certain levels of bioelectrical Aura fields are characteristic of the physical status of the biological organism. Biological activity such as autonomic responses initiate cellular and electrochemical changes, thereby creating an environment thermodynamically favorable to the conversion of metabolic kinetic energy into electromagnetic energy. In this process, localized bioenergy "complexes" to form a dynamic field that differentiates according to the neurological information that stimulated it. Since the skin is no barrier for such electromagnetic energy, the bioenergy field can and does radiate outside of the organism to become what we call the Aura.

According to the above biophysics, information about the "health" status of a complex organism is available from the coordination of sub-cellular energies, much the same as in a prokaryotic

organism. Any decrease in homeostasis, including parasitic infection, genetic mutation, arterial constriction, etc., will produce a corresponding modification in the bioelectrical field. **RFI** is an initial attempt to quantify and objectively interpret such modifications.

Thus, the objective scientific analysis of mental, emotional and health states requires a technical understanding of the electromagnetic characteristics of various psychological and biological states, through case study. By mapping the electromagnetic fields surrounding the human body, we have a tangible objective starting point to such clinical analysis.

The Aura is highly characterized and affected by the emotional and physical condition of a person, the biological homeostasis or imbalance of plant life, or the molecular energies inherent in and surrounding an object. This makes the reading of Auras a very useful and powerful tool for the metaphysical and clinical analysis of humans, animals, plants and objects.

Metaphysical energies consist of ambient electrofield subtle energies that carry information. Since the frequency of electromagnetic fields and subtle energy information reveals the type and function of such energies, all metaphysical energies can be identified by their frequency. Since color is defined as frequency, and the Aura is merely an electromagnetic radiation of diverse frequencies, the Aura can be effectively analyzed by identifying which colors are in what part of the Aura.

The color frequencies of light of which the Aura consists are too high to be perceived by the naked eye in most cases. However, the trained practitioner can learn to perceive these frequencies naturally, by activating the Pineal Body and adjusting their brain waves to the higher frequencies of which the Aura consists. Most psychics and metaphysical practitioners tend to see the Aura in six basic colors: red, orange, yellow, green, blue, and purple. Although the Aura itself consists of frequencies higher than those in the visible light spectrum, the electromagnetic energies in the Aura have lower, subharmonic frequencies that resonate with the frequencies of each of the colors of the visible light spectrum. Therefore, although Auras are not visible to the naked eye, the brain may perceive the energies in resonance with certain colors, and thereby construct a quasi-visual (mental) image of seeing those colors. It is precisely in this way that humans sometimes see the

Aura, and can analyze its different colors. Those subharmonic frequencies of the Aura is what **RFI** is designed to measure. These frequencies are usually in the range of 100 to 800 MHz (although they may sometimes be higher or lower than this general range), and generally exist in a range between and within TV and FM waves and moderate to strong microwaves. **Section 5.0** discusses why we are able to measure Aura frequencies to the exclusion of other waves, in all but the most unusual of circumstances.

For all of the above reasons, seeing the Aura and interpreting its colors has been the focus of popular metaphysics for centuries, and "What color is my Aura?" is a very popular game in metaphysical and spiritual circles. However, most people "see" colors that do not match the objective frequency color of the actual Aura. This is because they make a psychological association between the "feeling" of the Aura energy, and what the color "feels" like intuitively. The associated color is then induced magnetically into the visual center of the brain, so the person "sees" that color while looking at that part of the Aura. As a result of this common psychological phenomenon, the vast majority of literature on Auras and Aura colors are entirely subjective to the psychology of the authors, and the purported meanings of the colors are almost entirely arbitrary.

Notwithstanding such human limitations, proper scientific study of electrofield Aura frequencies, and the color frequencies that correspond to the Aura frequencies, can reveal objective and accurate information about Aura colors and their interpretation. Furthermore, it is possible to see the objectively correct colors of the Aura, by channeling the actual bioenergy frequency directly to the visual cortex of the brain. This technical practice of self-brain control can be accomplished by training and practice, using objects and electromagnetic laboratory equipment set to known fixed frequencies. Practicing with such materials as reliable source generators, the practitioner can learn to accurately recognize the objectively correct colors in the Aura. Therefore, while the subjective emotional impressions of Aura color only have symbolic or artistic value, the objective scientific approach to seeing the Aura has practical and clinical value.

Since human visualization of the Aura has an inherent risk of a substantial subjective element that may sacrifice accuracy and detail, ITEM developed **RFI** to eliminate such subjective elements, and

legitimize this phenomenon through application of undisputed laws of fundamental science.

2.1.1 **Structure of the Aura**

All interpretation of the objective Aura colors is conditional upon understanding the structure of the Aura itself. Each part and level of the human Aura is related to different aspects of the person's psychology or physical health, and sometimes reveals an interaction of both physical and mental factors. By understanding the structure of the human Aura, we can study the objective meaning of the Aura colors in context.

It is currently unresolved exactly how many "levels" there are to the human Aura. Clinical studies of the human Aura at ITEM, however, indicate that the metaphysical being of a living incarnate entity consists of four basic Aura Bodies.

The highest of the Aura Bodies is the **Causal Body**, which is traditionally described as our spiritual "higher self" related to our deepest personal identity. Current metaphysical science of the describes the Causal Body as the direct piece of high-frequency universal subtle energy which is given individual consciousness and manifests as an entity which can exist in the physical world of matter. Traditionally called the psyche, or the soul, the Causal Body is the primary subtle energy field that comprises our metaphysical being, and contains our deepest consciousness. The Causal Body may be detected at about 24 inches above the head and shoulders and beyond.

The next identifiable level is called the **Ethereal Body**, which is related to the pre-matter quantum particles which are animated and influenced by the Causal Body's electrical life-force energies. This body also contains imprints of all the temporal energies and qualities that we acquire while incarnate, and which make up our personality. According to ancient theories of reincarnation, these imprinted energies can later be incorporated into the basic Causal Body if they will be useful for potential successive incarnations. The Ethereal Body reflects our identity, and consists of the more stable average of our general energies. In general, the Ethereal Body can be detected 18 to 24 inches away from the physical body. Because of its distance from the physical body, this level

of the Aura plays an important role in how we interact with other people, because it comes in contact with the ethereal energy bodies of others, and participates in mutual energy-information exchange, both projecting and receiving energy.

Some researchers in the field of energyinformatic science believe that the Causal and Ethereal Bodies “cause” the physical body to manifest in space and time. They believe it is the “blueprint” for the physical body, containing instructions to the physical DNA molecules for how to manifest. Such inquiry and investigation, however, is outside the scope of this Manual.

The third, and most clearly identifiable, of the four basic Aura Bodies is called the **Emotional Body**. This is the most useful level for scientific interpretation and analysis, because it is highly characterized by the emotional and psychological condition of the subject. Generally, the Emotional Body can be detected 4 to 18 inches away from the physical body. Because of the wealth of psychological information that can be obtained from this level of the Aura and used to generate a thorough psychopersonal profile, in **RFI** technology it is regularly referred to as the “**Psychological Level**.”

The **Health Level** of the Aura, being the fourth and most tangible of the Aura Bodies, is essentially the subtle energy that radiates from the physical body. This most naturally visible part of the Aura is the bioenergy field that emanates from the cellular, neurological, and other biological functions of the physical body. The Health Level thus reveals the physical condition of the subject, showing disturbances and patterns related to illness or other biological conditions. In general, the Health Level can be detected approximately 0 to 4 inches away from the physical body.

RFI technology is engineered to quantify, analyze and interpret the two most tangible and practically meaningful “levels” of the Aura which are closest to the physical body: the Health Level and the Psychological Level.

2.1.2 Structure of the Chakras

The spatial regions corresponding to the endocrine points along the spine, measured from the front, are also an integral part of the human Aura. These points, traditionally known as “Chakras,” give strong electrofield emanations which appear to “shoot out” in straight forward lines, piercing all detectible levels of the Aura. Aura readings of the endocrine points reveal the person's inherent and current personality characteristics, or inner emotions and qualities.

The Chakras, or bioenergy emanations from the regions around several points along the spine, are always considered part of the Emotional Body, even when read in the Health Aura level, because they pierce through all levels of the Aura. As established by late 20th century developments in the academic science of Bioenergyinformatics (which are outside the scope of this manual), the energy channels called Chakras are directly related to the physical endocrine system. Accordingly, if a Health Level analysis is necessary, one may assume that a disturbance or imbalance in a Chakra is related to malfunction in an endocrine gland (i.e., over or under-stimulation of the gland).

Taken together, the Chakras are traditionally considered the "nervous system" of the metaphysical body, since it is through them that life energies are received, processed, and transmitted, and through them that body, mind, and spirit are linked together into one holistic system. This traditional conception seems validated in part, because specific glands of the endocrine system of the human body are activated by the frequencies of bioenergy to which they correspond. As a result of the sensitivity and direct responsiveness of the endocrine system to psychological and mental characteristics, events and reactions, Aura readings on the Chakra points have proven to reveal reliable and insightful information about many aspects of a person's mental, emotional and psychological condition, as well as some thought processes.

Current research in psychology and psychobiology supports that the endocrine glands behave in direct response to all mental events, and are thus indicative of a person's mental and psychological condition. Since the endocrine glands are stimulated by, and correspond to, specific

identifiable frequencies, and color is frequency, ITEM has used them as a starting point for objective interpretation of the precise meaning and significance of various colors. Medical and clinical psychobiology data clearly illustrate the meaning and significance of endocrine activity, and the endocrine activities are clearly directly related to objective color frequencies.

To summarize, the energy-information frequencies found in the Aura are identical to those found in the Chakra channels. In addition, the Chakra channels emanate bioenergies that are responsive to and indicative of the activity and condition of the corresponding endocrine glands. The endocrine glands, in turn, are directly influenced and stimulated by psychological and somatic events and conditions. As a result of these mechanics, there is a firm, credible, scientific basis for relating bioenergy colors of the Aura to specific psychological and medical conditions or events.

It is also interesting to note that intensive experimental research has shown that the color frequencies related to the Chakra channels over the endocrine points are identical to the basic primary colors traditionally “seen” by psychics, and currently detected by other Aura imaging technologies.

The exact number of Aura colors and Chakra colors is currently unresolved. Traditionally, there are seven primary Chakra colors, which are used as a basis to interpret all Aura colors. As there is an infinite number of frequencies, and color is frequency, there are theoretically hundreds of other colors and shades of colors of Chakra energies. For this reason, in popular literature there are many different claims, insisting upon one or another of various “correct” numbers of Chakras or related Aura colors. In reality, there is a theoretical infinity of different colors of bioenergy and subtle energy. Nonetheless, only the seven basic Chakras have precise color-frequencies that are known to affect the endocrine glands, and thus all other colors can only be based upon mere philosophy and conjecture, and as such are incompatible with and useless to an objective scientific system of bioenergy and biofield analysis. For this reason, there may be other additional or intermediary Chakras, but they would not operate at the correct frequencies to interact with the physical nervous system and endocrine glands. Therefore, these intermediary Chakra energies or colors would be merely symptomatic or diagnostic based on case study, but not functional for

verifiable interpretation.

While **RFI** uses a total of 15 colors, representing all distinguishable colors of the optical spectrum, only seven of these verifiable color frequencies are related to the Chakra system. The seven primary Chakras measured by **RFI** are characterized as follows:

The **Base Chakra**, located in the genital area, has an energy-information frequency that corresponds to the color **red**. The Base Chakra affects the ovaries and testes as glands. Its energies are experimentally associated with sexuality, self-identity, and purely physical or material energies.

The **Sacral Chakra**, located above the genital area just below the navel, corresponds to the color **orange**. The Sacral Chakra affects the adrenal glands, specifically the adrenal medulla. Its energies are associated with healing, generation of life force, and physical vitality.

The **Solar Plexus Chakra**, located around the navel, corresponds to the color **yellow**. The Solar Plexus Chakra affects the islet cells of the pancreas as glands, as well as the physical nervous system. Its energies are associated with calmness and emotional stability, or the lack thereof.

The **Heart Chakra**, located at the center of the chest in the heart area, corresponds to the color **green**. The Heart Chakra effects the adrenal cortex, thyroid, and anterior pituitary glands, thus effecting biological manifestations of emotion, and controlling hormone secretion in the whole endocrine system. Its energies are associated with deep emotions and love, or strong emotions in general including trauma.

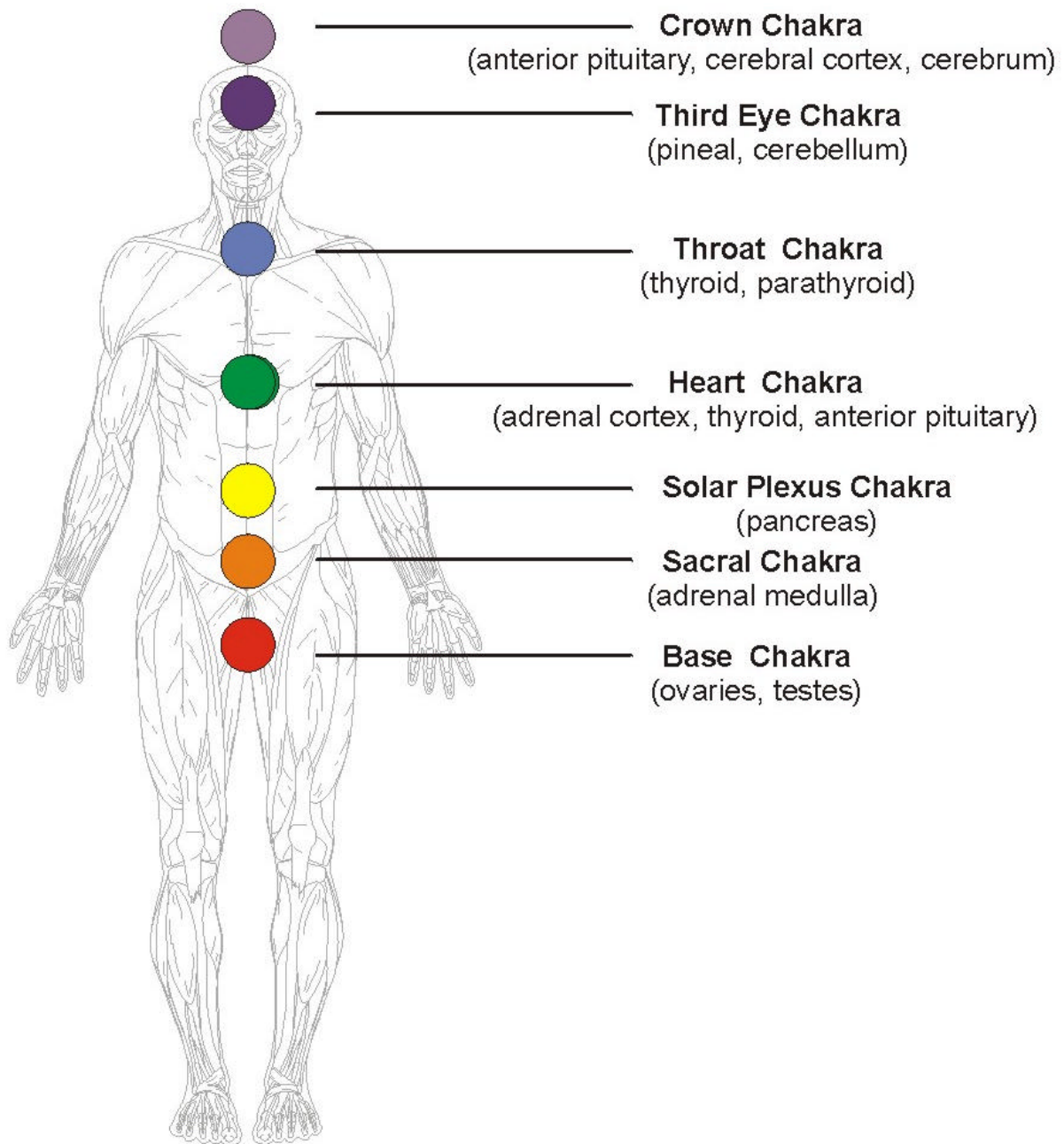
The **Throat Chakra**, located at the center of the throat, corresponds to the color **blue**. The Throat Chakra effects the thyroid and parathyroid glands, and its energies are associated with communication, both expression and listening.

The **Third Eye Chakra**, located on the center of the forehead between the eyebrows, corresponds to the color **purple**. The Third Eye Chakra affects primarily the pineal gland, as well as the cerebellum, and its energies are associated with clairvoyance, sensitivity, intuition, and intellectual activity.

The **Crown Chakra**, located directly above the head, corresponds to the color **orchid** (a very light purple, or violet). The Crown Chakra affects primarily the anterior pituitary gland, as well as the cerebral cortex and the cerebrum. Its energies are traditionally associated with the higher metaphysical self, spirit, and divine consciousness.

A Chakra system that conforms to the primary colors indicated above is generally considered to be “in balance” in popular metaphysical thought and in energy medicine. However, you will find that it is unusual to find a Chakra system resonating at light frequencies corresponding to the primary colors. Often, intermediate colors (e.g., rose, navy, gold, etc.) are found in the Chakra system, or the Chakras may be resonating at a different color than the primary color traditionally associated with it. This is completely natural, and highly dependent on the way the subject interacts with the environment. The **RFI** software program provides interpretations for all Chakras and the colors that they are currently resonating with, regardless of whether or not the individual Chakra or Chakra system is “in balance” in the traditional sense.

ITEM's textbook, ***Lectures in Energyinformatic Science: A Two Month Program in Energy Medicine***, which is Step 2 of ITEM's Professional Development Series (PDS) in Energy Medicine, contains further discussion on the scientific principles of Chakra mechanics. A transcript of some relevant portions of this textbook is reprinted in **Section 7.0**.

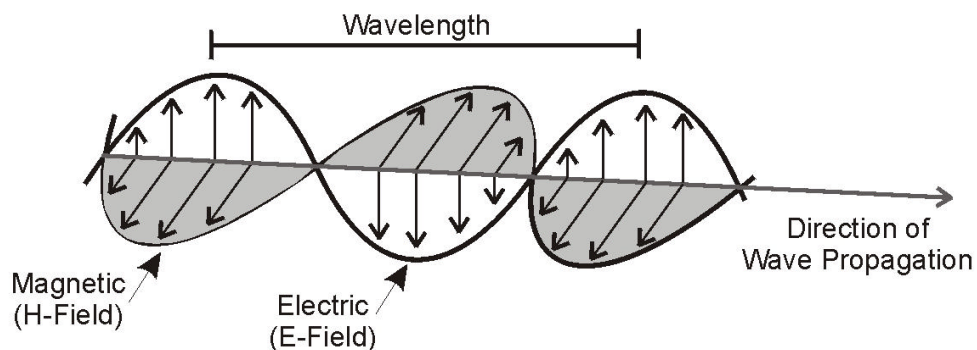


2.2 **THE ELECTROMAGNETIC PROPERTIES OF BIOENERGY**

The intention of this Manual is not to serve as a short-course on the physics of electromagnetism. However, it is important to have a basic understanding of electromagnetic (EM) waves and fields when performing **RFI**. In this section, we will only cover some of the important characteristics of EM waves as they relate to bioenergy and **RFI** measurement.

2.2.1 **Fundamentals of Electromagnetic Waves**

Electromagnetic radiation travels in the form of waves. The figure below illustrates an EM wave propagating through space. EM waves consist of electrical field (E-Field) and magnetic field (H-Field) components, hence the name “electromagnetic.” E-Fields and H-Fields are companions, traveling at right angles to each other and at right angles to the direction of wave propagation, and together they make up the total EM field. E-Field strength is measured in units of volts per meter (V/m), while HField strength is measured in amperes per meter (A/m). EM field strength measurements are indications of how many volts or amperes the EM field will induce in a receiving antenna that is one meter long.



EM waves arise as a consequence of two effects: (1) a changing electric field, or (2) a changing

magnetic field. Neither stationary charges nor steady currents generally produce electromagnetic waves. The fundamental mechanism responsible for EM radiation is the acceleration of charged particles. Whenever charged particles undergo acceleration, they must radiate energy. The physiological component of bioenergy (0 to 4 inches from the body), therefore, results from the motion and acceleration of electrons in the body (such as the firing of neurons or in biochemical reactions). The psychological component of bioenergy (4 to 18 inches from the body) results from the perceptual responses of the brain and, fundamentally, the mental activity of the “mind.”

EM waves such as frequency modulation (FM radio) waves or amplitude modulation (AM radio) waves carry information electrically in the form of sound. In a similar fashion, EM waves radiating from living organisms or non-living objects carry information corresponding to the function, intent, and status of the source transmitter (cells, tissues, mental projections, non-biological matter, etc.).

Frequencies and the Electromagnetic Spectrum

EM waves propagate in air in straight lines at the speed of light. The speed of light has been determined experimentally in a vacuum to be 3×10^8 meters per second (m/s). The speed of light in media other than a vacuum decreases depending on the “permittivity” of the media, however 3×10^8 m/s is frequently used as an approximation of the speed of light in air. The frequency and wavelength of EM waves are related by the expression, $c = f\lambda$, where c is the speed of light, f is frequency (measured in Hertz (Hz) or s^{-1}) and λ is wavelength (measured in cm or m). Wavelength is the distance between wave peaks or crests, as shown on the figure on the previous page. Frequency is a term describing the rate of wave motion, measured by determining the number of wavelengths moving past any point per second.

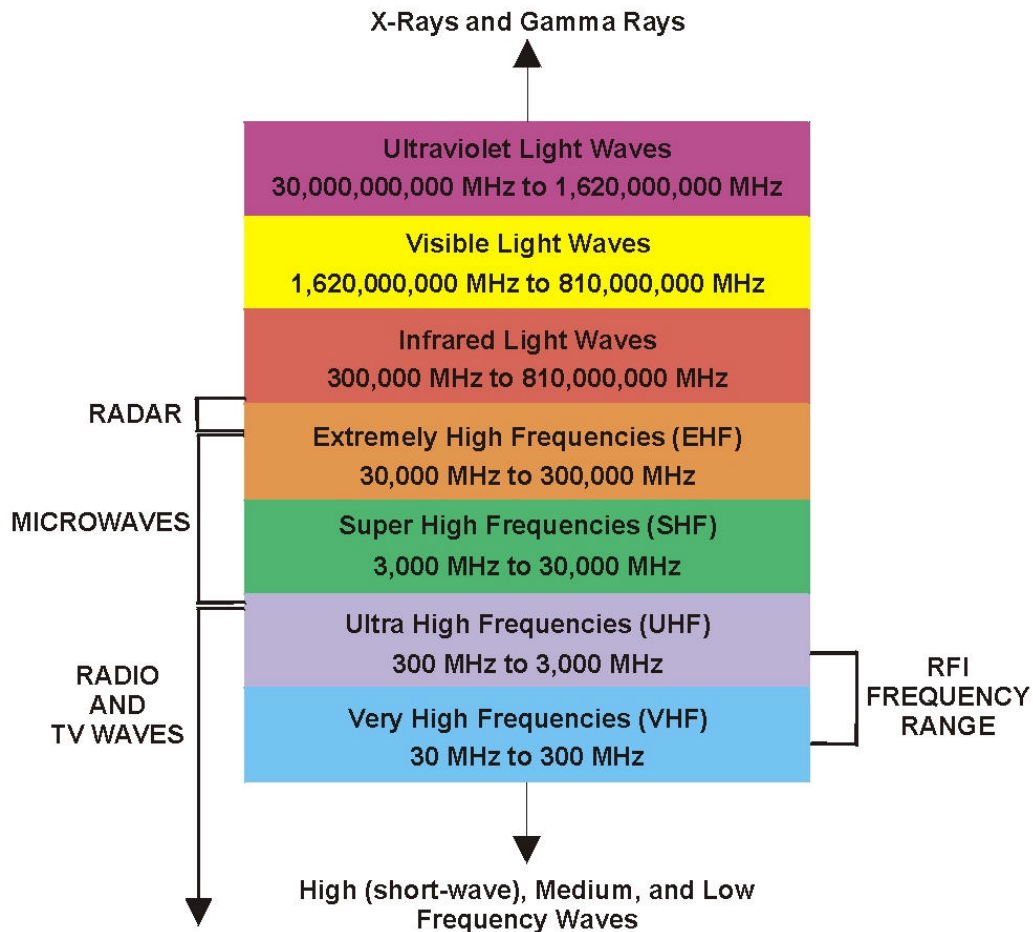
If, for example, you identified a frequency of 500 Megahertz (MHz, or 10^6 Hz) when performing an RFI measurement, you could easily determine the wavelength by rearranging the expression as follows:

$$\lambda = c/f, \lambda = (3 \times 10^8 \text{ m/s})/(500 \times 10^6 \text{ s}^{-1}) = 0.6 \text{ m or } 60 \text{ cm (about 2 feet)}$$

Alternating current (AC) power generates EM waves with the electric and magnetic fields fluctuating in the form of sine waves. Electric power generated in North America is 60 Hz AC, while in most areas outside of North America power is generated at 50 Hz AC. The wavelength of 60 Hz AC power is nearly 6,000 km. Biological organisms also generate EM waves through AC, as the electrical current that is moving through the body is constantly changing and reversing direction. Researchers have found, for example, EM wave emissions associated with a changing current in muscle tissue, which is due to the bi-directional charge pulse in motor neurons. The great difference, however, between electric power transmission lines and the body's neural network is the voltage that is being conducted; transmission lines carry charges measured in kilovolts, while neurons carry charges measured usually in millivolts.

All EM waves are components of the broad electromagnetic (EM) spectrum. An abbreviated version of the EM spectrum is shown below. It should be noted that there is no sharp division between the various classifications of EM waves; the graphic represents a common way that scientists and engineers categorize these waves. Visible light comprises a small fraction of the EM spectrum; unless we have trained our sensory pathways to see beyond the visible light range, our eyes can typically only focus wavelengths that are 400 to 700 nanometers (10^{-9} m).

From the illustration, it can be seen that the range in which we collect frequency measurements for **RFI** purposes, generally 100 MHz to 800 MHz, overlaps UHF and VHF, and is within the general range of radio and television waves. **Section 5.0** discusses how we are able to measure bioenergies in the midst of these other frequencies.



EM Wave Shape and Stability

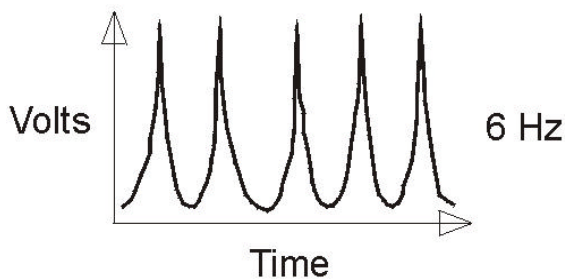
EM waves can appear to take on various shapes as revealed through instruments such as oscilloscopes. The shape a wave takes depends primarily on the electric potential, or voltage, of the source transmitter, and how voltage changes over time. The classical sinusoidal shape (“sine wave”), reveals smooth, continuous fluctuations in voltage. If the voltage changes rapidly, then does not change for a brief period, and then changes again rapidly, the result can be a “square wave.” Then there is another type of wave where the voltage gradually increases, and goes up

slowly, and then suddenly drops vertically down instantly. That creates a shape known as a “sawtooth wave,” because it literally looks like little teeth on a saw. However, using analytical techniques such as Fourier analysis that reduce or attenuate the effect of rapid increases or decreases in electrical strength, it has been shown that all EM waves are fundamentally sine waves.

Unstable Low-Freq Waveform



Stable High-Freq Waveform



The stability of waveforms is a function of how uniform or predictable the changes in voltage are over time. Industrial transmitters are designed with transistors and capacitors that help produce continuous fluctuations in voltage.

The result is usually a sine wave pattern that is generally stable for some distance after being transmitted, but may become unstable upon encountering outside obstacles. Research into the electrical properties of the human body has revealed that somatic cells (i.e., non-neural cells) also serve as capacitors, and electrical fluctuations are generally gradual, producing EM waves in the shape of sine waves. Conversely, neurons will generate more of a sawtooth-shaped wave, since there is a gradual increase

in voltage until the firing threshold – after which a rapid decrease in voltage occurs. Both types of transmitters, somatic and neural cells, have non-random, predictable electrical fluctuations over time, which generate stable waveforms.

The graphic to the left above depicts two EM waves. The one on top is an unstable, low frequency wave. The one below is a stable sawtooth wave of relatively higher frequency. The unstable

wave is generated through random or unpredictable voltage fluctuations of the transmitter. If these two waves were traveling in opposite directions and collided, eventually the more stable, higher frequency wave would induce the unstable frequency to come into phase with it, eliminating any instability, as discussed further in the section on **Resonance and Entrainment**, below.

EM Field Intensity

Power is the rate of energy transfer over time. Radiated power is that power given off by a radiation source (i.e., the body of a living organism, a transmitting antenna, or even a charged object) and carried through space by EM waves. Power is measured in watts (W). Power density, or intensity, is the amount of power distributed over a given unit area perpendicular to the direction of travel, and is commonly expressed in terms of watts per square centimeter (W/cm^2). As a wave propagates out from the source, the total energy radiated from the source remains the same, but the intensity of the wave decreases as the distance from the source increases. This is due to the fact that the amplitude or the “size” of the waves increases as the distance from the source increases, causing the energy to spread out over larger and larger areas; therefore, the energy per unit area, or the intensity, decreases. For line sources such as electrical transmission lines and directional antennae, the intensity of EM fields decrease at a rate inversely proportional to the distance from the source ($1/\text{distance}$). For point sources like appliances and non-directional radio towers, the intensity of EM fields decrease at a rate inversely proportional to the square of the distance from the source ($1/\text{distance}^2$). In addition to the theoretical reduction in intensity as a function of the distance from the source, EM waves also lose intensity by resistance offered by the atmosphere, and by encountering obstacles such as buildings, trees, etc. There are many intricate calculations that electrical engineers use for calculating “free space loss” of EM waves, as designs of transmitters must include ways to compensate for these losses.

The following table presents a listing of the most commonly used broadcast frequency ranges in the United States, and the maximum power used to broadcast these waves. Frequency ranges

and transmitted power used in other countries generally resembles those shown in the table.

Frequency Range	Maximum Power Transmitted in Any Direction	Service
0.53 – 1.6 MHz	50 kW	AM Broadcast
54 – 88 MHz	100 kW	VHF TV Channels 2-6
88 – 108 MHz	100 kW	FM Broadcast
174 – 216 MHz	325 kW	VHF TV Channels 7-13
150 – 900 MHz	100 W	Dispatch Radio (fire, police, military, etc.)
470 – 800 MHz	5 MW	UHF TV Channels 14-69
800 – 900 MHz	600 W	Cellular (analog)
1900 MHz	100 W	Personal Communication System (PCS)

For amateur radio operators transmitting on low frequencies, in general the power output is only 0.1 to 1 W. In comparison, the human brain transmits approximately 20 to 40 W of power, and each neuron transmits approximately 2 nanowatts (10^{-12} W).

The power density and strength of EM waves following transmission decrease substantially for the reasons discussed above. By the time the signal reaches the receiving antenna (such as your radio antenna), the signal can be so weak that it is unusable. To compensate, both transmitting and receiving antennas are constructed with amplifiers to increase the strength of the transmitted and received EM waves, respectively.

Harmonics

All transmitters emit frequencies that are harmonic to the fundamental frequency it is designed to transmit. For example, if a radio antenna is designed to transmit a fundamental frequency of 100 MHz, the antenna would generate harmonics of 2, 3, 4, etc. times the fundamental frequency, i.e., 200 MHz, 300 MHz, 400 MHz, etc. Lower frequency subharmonics are also generated, i.e., $\frac{1}{2}$, $\frac{1}{4}$, etc. times the fundamental frequency. These harmonic waves are generated by the electrical circuitry in the transmitter, and are sometimes referred to as “spurious” emissions or “sidebands.”

The degree to which transmitters generate harmonic frequencies depends on the output power of the transmitter. Harmonic frequencies are undesirable for most industrial purposes because the generation of these frequencies reduces the intensity of the EM waves with the fundamental frequency. Electronics engineers therefore design filter devices (e.g., “low-pass filters”) that are placed on transmitters to reduce harmonic effects. Filters allow the transmitted waves to propagate further with sufficient intensity to be tuned into by a receiving antenna. For example, if your favorite FM radio station was 50 miles away, you would not generally be able to receive its signals if not for filters.

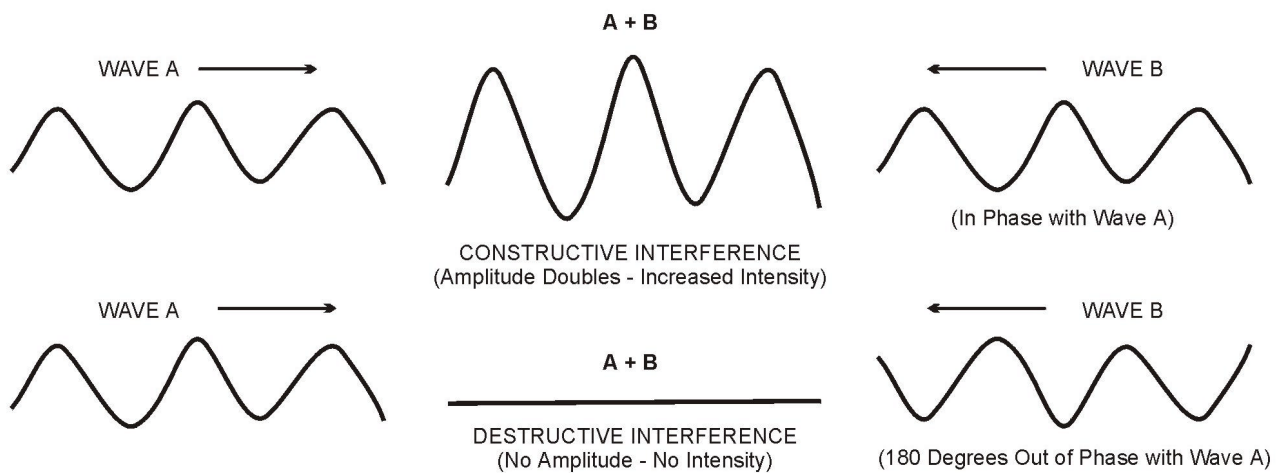
The human body is a transmitter that is not equipped with a filtering device. The electrical and magnetic components of each atom, molecule, cell, tissue, organ, and system (and collectively the body as a whole) change or oscillate continuously, causing a broadcast of fundamental frequencies. Harmonic frequencies are automatically generated in the process, and it is theoretically possible that the harmonic frequencies of the body transmit throughout the EM spectrum. For the purpose of **RFI** measurement, it does not matter whether the detected frequencies are the fundamental frequencies or the harmonic frequencies generated by the body, since all of these frequencies carry the exact same information. The **RFI** frequency counter will detect and display the strongest fundamental or harmonic frequency at a particular location and time.

Interference and Superposition of Waves

From physics, the superposition principle states that when two or more waves move in the same medium, the net displacement of the medium (i.e., the resultant wave) at any point equals the algebraic sum of the displacements of all the waves. If, for example, two waves are traveling in opposite directions and have the same frequency, wavelength and amplitude (size), and are in phase (meaning the crest of one wave identically meets the crest of the other wave), the resultant wave has the same frequency and wavelength, but the amplitude doubles (as does the intensity).

This is called constructive interference of waves. If the frequencies are 180 degrees out of phase with each other (i.e., the crests of one wave match the troughs of the other wave), then the waves will cancel (zero amplitude and intensity), a term known as destructive interference. One clear example of destructive interference occurs with sound; two musical instruments on opposite sides of a room, for example, can emit sound waves that completely cancel at certain notes, resulting in no audible sound. With destructive interference, at the point of wave cancellation there is no intensity that can be measured; however, the energy in the form of the electric and magnetic fields is not affected – instead of traveling perpendicular to the wave, the energy is now directed parallel to the wave.

The illustration shown below is a simple example of constructive and destructive interference. In our normal everyday environments, however, things are not as simple. We exist in a sea of various EM waves that are continuously interacting and interfering with each other. Living beings transmit EM waves with numerous frequencies and strengths, and these interact with EM waves traveling throughout our environments that have multiple frequencies and strengths. The practical



result is a “boundary layer” of interaction between the person and the environment, in which waves are constructively and destructively interfering to various degrees, until a resonance, or

equilibrium, is achieved (as discussed in the next section). Have you ever been in the presence of someone and feel extremely “energized” or “in tune” with that person? This can be explained to some extent by the principles set forth in this section. The person’s EM field may interact with your own and cause constructive interference, amplifying your own EM field. Conversely, if you were ever in the presence of someone who “brought you down,” a likely reason is that there is some level of destructive interference occurring in your EM field as a result of this person’s presence.

Resonance and Entrainment

You have probably heard that an opera singer can shatter a glass, or maybe you have even seen it happen. How is this possible? Everything, from glass to concrete to the human body has its own fundamental frequency – the frequency at which it is naturally vibrating – also called its resonant frequency. Everything also vibrates at frequencies that are harmonic to the fundamental frequency. When a frequency outside the object matches the fundamental frequency or a harmonic frequency of the object, resonance occurs, causing an amplification of the vibrations much the same way that constructive interference occurs with waves. The result can be that the increase in vibration reduces the object’s structural stability– hence, the breaking of a glass when a singer hits a high enough note to match the fundamental frequency or a harmonic frequency of the glass. In fact, governments test electronics devices to ensure that the frequency it emits does not match the fundamental frequency of the body or a part of the body, which could theoretically result in severe pain, at the least. Some people believe that certain undiagnosed pains are caused by EM waves in the environment that resonate with the body’s fundamental or harmonic frequencies.

Fortunately, living things radiate EM fields that can “shield” much of the EM waves in our environments (if we didn’t, we potentially could fall ill to even the weakest of environmental EM fields). The reason why this is true is that the Aura transmissions of living things (i.e., the energies

transmitted as a result of both physiological and psychological reactions) are in most cases more intense (i.e., higher power density) than external EM waves. The Aura, and particularly the outer “Psychological Level” on the left side of the body, can, by a principle called entrainment, cause weaker external EM waves to come into resonance with it after a period of time. It may be easier for you to think of the Aura “absorbing” these outside EM waves at the “boundary layer” of interaction mentioned above. This principle will be discussed further in **Section 2.2.2**, below.

As a side note, many health agencies and institutions have performed studies into the effects of low strength industrial EM waves on human cells in the laboratory, as a model for those effects on the entire physical body. Single cells, of course, do not emit the same intensity of EM waves as the entire body, and do not have the additional “protection” of a “Psychological Level” (i.e., they emit only bioenergy). Therefore, when such agencies report negative health effects due to industrial EM exposure in the laboratory, the results cannot necessarily be extrapolated to the level of the human being, since single cells have a limited ability to entrain external EM waves. Many researchers believe that as long as a person is generally healthy (physically, mentally, and emotionally), the field strength of the Aura is sufficient to cause entrainment of most industrial EM waves, reducing harmful effects.

An excellent example of resonance and entrainment is the example where an energy healer, such as a reiki practitioner, projects “white light” toward a person with a “disharmonious” energy field. Depending on the experience of the healer and the strength (intent) of the projection, the white light, which is comprised of the theoretical highest frequency (and strength) will entrain the weaker EM field of the patient, eventually inducing resonance to occur, which strengthens the patient’s own EM field.

2.2.2 A Simplified Model of the Human Aura

Now that we have discussed some of the important fundamentals of EM fields, we will postulate

how our physical bodies, our thoughts, and our emotions generate the two innermost “layers” of the Aura. Here it is important to emphasize that “bioenergy” is emissions from biological processes, while the “Aura” is a field consisting of both biological and emotional/psychological energies. There has been a great deal of research in this area, and many complex theories have been proposed on how living things generate bioenergies. The theoretical model set forth below is highly simplified, but it gives us a working basis for further investigation and discovery. It also assumes that the two innermost layers of the Aura, which we term the “Health Level” and the “Psychological Level,” are the effect of electromagnetic events occurring with the body and mind, and are not the fundamental cause of such events (although such a theory may have merit, discussion of this topic is outside the scope of this Manual). In this model, we shall briefly discuss the basic theoretical properties of the Health Level and the Psychological Level; the mechanics of Chakras are discussed in ITEM’s Professional Development Series (PDS).

Health Level

It is a well-known fact to the medical community that the body generates endogenous (internal) EM waves through many mechanisms. In medical electronics, these emissions are routinely measured using equipment such as the electroencephalogram (EEG), the electrocardiogram (EKG), magnetic resonance imaging (MRI), the electromyogram (EMG), and ultrasound. However, these endogenous fields are generally considered by the medical establishment to be by-products of biochemical reactions in the body, and not of any significance in and of themselves in diagnosing conditions. The fact that these emissions radiate from the body and form bioenergy is a concept foreign to the majority of medical professionals (especially in the West). This simplified model will reveal how all emissions from the body are informative and reliable indications of the health of the body.

The movement of positive (protons) and negative (electrons) atomic charges and negatively and positively charged ions within the body produce EM waves that radiate for a short distance outside

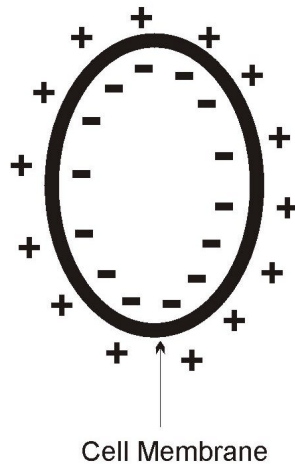
of the body. Such motion on a molecular and cellular level is continuous. One example is the normal flux of ions across a cellular membrane. The presence of charged ions in a cell and in the fluid surrounding the cell sets up a charge distribution across the membrane wall. Normally, there are positive charges outside the cell, and negative charges inside the cell. With this charge distribution, the cell is equivalent to a small capacitor separated by a dielectric (insulator), with the cell membrane acting as the dielectric. The potential difference across the cell membrane can be measured by a voltmeter by placing one probe in the extracellular fluid and one probe inside the cell. A typical “healthy” cell in equilibrium has a potential difference across its cell membrane of 100 mV. During cellular metabolism, excessive positive charges can enter the cell, and the cell subsequently needs to pump out the positive charges to return to equilibrium. It is this changing potential difference across the cell membrane, from a state of equilibrium to one of non-equilibrium, which causes the cell membrane to transmit fundamental and harmonic frequencies.

Fundamental and harmonic frequencies are transmitted by the cell membrane when the electric potential difference changes across the cell membrane; the transmitted frequencies are sent out from all sides of the cell, as if the cell was an isotropic antenna (an antenna that emits waves from all sides). In addition to the frequencies emitted by the cell membrane, generally weaker signals are transmitted by electrical changes that happen inside the cell during the estimated ten million intracellular chemical reactions that occur each second. Even more fundamental than this, however, are the continuous oscillations of charges that occur within the trillions of atoms that compose our bodies. Fundamentally, all atoms are “harmonic oscillators,” as termed by many researchers in this field, and emit subtle EM fields. The fields of individual atoms are very weak, but the summation of many weak EM fields results in stronger fields that can be measured with sensitive electronic equipment. In this way, all objects (living and non-living) are fundamentally transmitters of energy-information fields. Our bodies, for example, are comprised of approximately 70% water. Water is composed of two hydrogen atoms and an oxygen atom. A hydrogen atom is known to emit a low-strength fundamental frequency emission at 1420 MHz. If you consider the trillions of hydrogen atoms in our bodies, you can begin to see how the resonance of hydrogen

frequencies can produce a signal of detectable strength outside the body. In fact, radio astronomers often tune receiving antennae to 1420 MHz to search for hydrogen in the galaxy as a possible indication of life outside our planet.

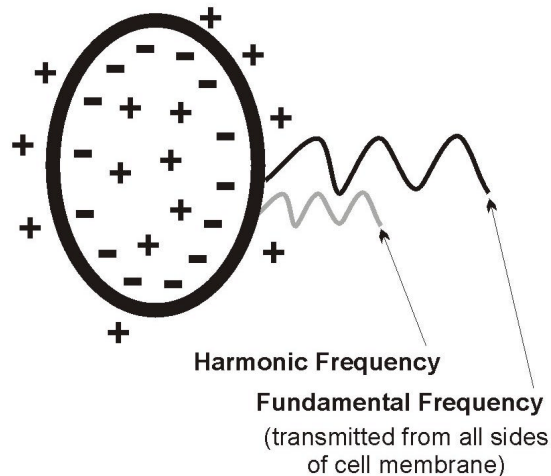
CELL IN EQUILIBRIUM

Electric Potential Across
Membrane = 100 mV



NON-EQUILIBRIUM

Electric Potential Across
Membrane = 50 mV



The movement of blood through the circulatory system is another way that EM fields are produced. Blood is a carrier for oxygen and nutrients to the cells, but more fundamentally it is a carrier of electrical current. The movement of blood produces EM waves through changes in the electrical charge (voltage) and current (amperage) of the fluid. However, the most notable source of EM wave generation is through nerve conduction. A typical nerve cell (neuron) can experience a change in voltage from 0 (or negative voltage) mV at resting potential to 55 mV at the firing threshold in milliseconds. This fluctuation in voltage is happening continuously, producing EM waves in localized areas. Nerves innervating muscle cells can fluctuate from resting potential to

more than 3 V, causing localized EM waves of relatively greater strength. Stronger EM waves are produced by the overall conduction of electric charge through the vast neural network. Similar to AC traveling through a wire loop or solenoid, detectable E-Field and H-Field components are generated, forming EM waves that radiate outside the body.

Theoretically, the E Field strength of the EM waves emitted by cells is generally very weak, i.e., on the order of 0.01 to 1 mV/m. The electric field strength due to the conduction of charge through the nervous system is usually greater, and may be as large as 100 mV/m when detected near the body (i.e., 0 to 4 inches from the skin).

These are just a few examples of how our bodies generate EM waves. How are these waves characteristic of the body? There are many detailed theories speculating why EM fields are strengthened, weakened, and modified depending on physical and psychological conditions. One simplified way to consider this question is to envision each cell in our bodies as a transmitting antenna. In a state of health, which may be considered “normal” or “natural” fluctuations of electrical charge or current between states of equilibrium and non-equilibrium, or homeostasis (as in the cell membrane example above), the cell uses a certain amount of power (W) and energy to perform its biochemical functions, which is particular to the “type” of cell (i.e., brain cells appear to use more power to perform its functions than, say, liver cells). The “natural” amount of power results in the emission of the characteristic (fundamental) frequency of the cell (with its harmonics).

When an illness occurs, for example, the cells natural fluctuations of charge are disturbed, and the cell must divert some of its power and energy into combating the cause of the illness (e.g., pathogens, changes in metabolism due to decreased nutrient intake, or a number of other causes of illness) to return the cell to homeostasis. The illness causes instability in the natural flux of electrical changes within the cell. The reduction in power used to perform normal cellular functions may reduce the frequencies emitted by the cell. There are also frequencies transmitted by the

illness itself; for example, research has shown that pathogens emit frequencies much lower than that of normal, health cells. In some cases, especially when there are localized infections, the body may exert a great deal of power in fighting the illness – in which case, the frequencies emitted by the body may exceed those emitted in homeostasis. Some researchers have even theorized that when engaged in fighting an illness, the body radiates the field that it needs to restore homeostasis (health). There are many variables involved with why and how the body's natural frequencies change due to changes in homeostasis.

Many researchers believe that the atomic, molecular, and cellular emissions radiate only a short distance from the skin. Electrical changes of a larger scale, including those involving muscle activity, appear to radiate further. In general, ITEM has found that bioenergies relating to the "health" status of the body can be identified from 0 to 4 inches away from the skin.

One of the questions that we have not specifically addressed to this point is, "what is the magnitude of the frequencies emitted from the body?" There is no absolute consensus on the answer to this question. In the 1950s and 1960s, Russian scientists did extensive research on the phenomena of endogenous biological EM waves, and concluded biological processes transmit frequencies near and above the visible light spectrum (i.e., ultraviolet). Researchers in Europe reaffirmed this conclusion. Other researchers have asserted that frequencies emitted by living things are generally below 10 KHz. So, why is there such a large discrepancy between these findings? We believe it has to do with the type and level of sensitivity in the detection equipment. ITEM has taken the position that EM waves transmitted by biological processes are indeed just above the visible light spectrum, since many people can learn to visualize the Aura by training the visual circuitry of the brain to decipher smaller wavelengths than those of the visible spectrum (i.e., 400 to 700 nm); to visualize EM waves in the range of Hz or KHz, with very large wavelengths, would be impossible. Assuming then that fundamental frequencies emitted by the body are in the ultraviolet range, **RFI** measures those lower harmonic frequencies in the MHz range.

As mentioned previously in this Manual, the EM waves emitted by the body are believed to be the outward residual effects of underlying torsion fields, or “subtle energy.” Einstein used the term *subtle energy* to describe energy that cannot be measured. There is a growing body of research that suggests that the Aura is a body of expanding and contracting “bioplasma,” consisting of non-Hertzian energy fields (i.e., energy that is not associated with EM waves). As stated previously, measuring EM waves is currently the most economical way to determine the energy-information transmitted by the body. For a detailed (and rather complex) report on non-Hertzian (scalar) energies, please refer to the work of Dr. Glen Rein, Ph.D. (e.g., “The Scientific Basis for Healing with Subtle Energies”), which we have posted in our on-line “Energy Medicine Information Center”.

Psychological Level

Unlike the Health Level of the Aura, there has been relatively little scientific research into the Psychological Level (i.e., “Emotional Body”) of the Aura. In esoteric literature, the living organism is both a transmitter and receiver of information from the environment. The left side of the body is the receiver, while the right side of the body is the transmitter. Energies flow in through the left side, are processed through the metaphysical energy systems of the body (i.e., meridians and Chakras), and then are projected from the right side of the body. ITEM’s extensive research has revealed that this theoretical model has scientific validity. We have found that the Psychological Level on the left side of the body serves as an “interface” or “boundary layer” between the person (or any other organism that is capable of thought and emotion) and the environment, and that the Psychological Level on the right side of the body (especially at the hands) can transmit or project EM waves with great intensity. This finding also fits nicely into the neurological model of brain hemisphere lateralization, where the left side of the brain is predominantly active and projects energy (and the left brain controls the right side of the body), and the right side of the brain is predominantly receptive (the right brain controls the left side of the body). For the purposes of this simplified theoretical model, we shall discuss the right and left sides of the Psychological Level

separately.

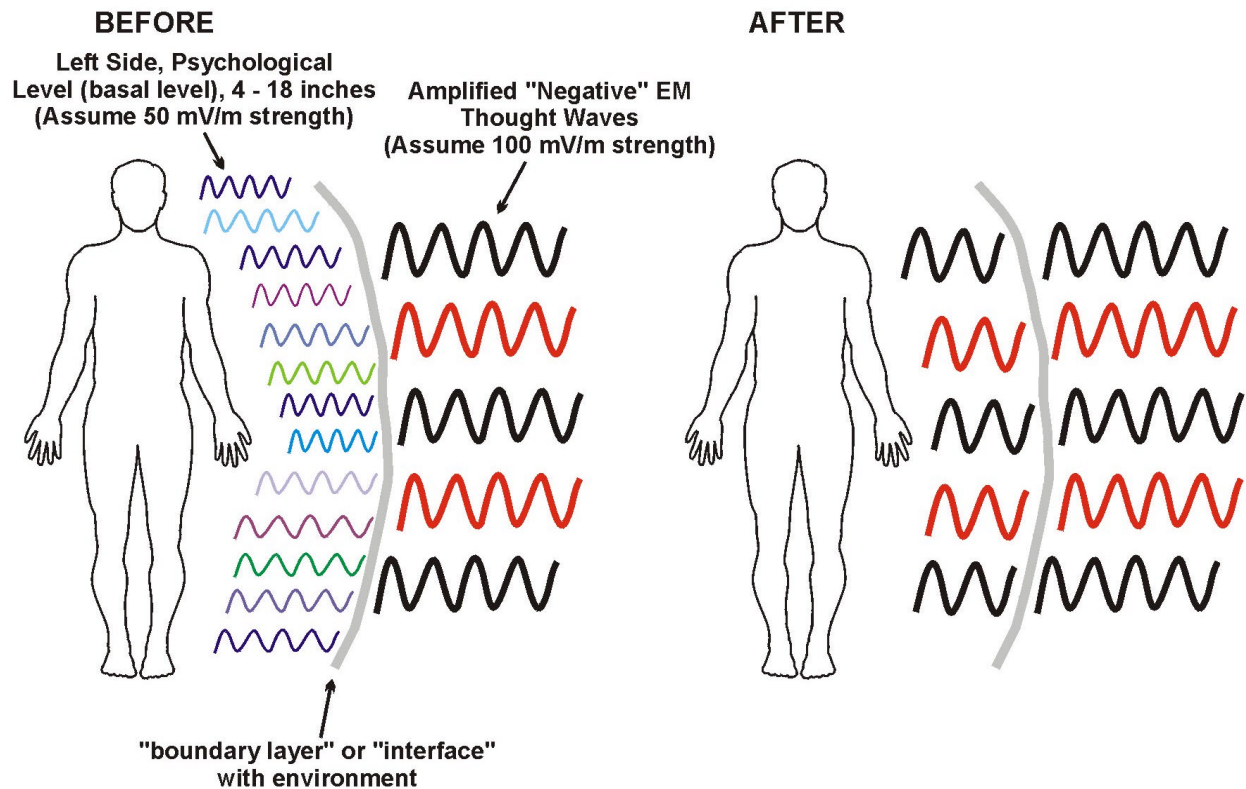
Left Side

Even when we believe we are not thinking of anything in particular during our normal waking state, both sides of the brain are still continuously sending signals throughout the nervous system in response to subconscious stimuli and maintenance of a psychological “state of mind.” The EM fields resulting from information processing below the threshold of our usual awareness is our “*basal Psychological Aura*.” The “basal” level of the Psychological Aura describes fundamental attributes of the person. For example, if a person is fundamentally happy and content, the “basal” level will indicate frequencies (and colors) that are representative of a happy and content psychological state, and the same applies to a person is fundamentally unhappy. In general, the more “stable” a person is in a psychological sense, the more stable the basal level; however, even the slightest negative thought by a fundamentally happy person will result in changes to the basal level. In other words, just because a person appears completely “stable” and at peace, you should not assume that their basal Psychological Level is also stable. In meditative states, however, the basal level will generally be more stable than in the normal waking state (due to the subsidence of “ego consciousness” which usually produces “instabilities”). ITEM has found that for most people, the basal level can be measured at 4 to 18 inches from the body. The basal level exists on both left and right sides of the body (since the right and left hemispheres of the brain are active even when we are not actively thinking of anything).

Now we will consider the profound influence the environment has on our basal Psychological Level on the left side of the body. Let us imagine a fundamentally happy person who enters a room full of fundamentally unhappy people – who are concealing their unhappiness and acting as if they were happy. Let us also consider that the unhappy people are transmitting subconscious ideas of negativity (i.e., greed, jealousy, etc.) to the happy person. The negative thoughts of many people may constructively interfere and amplify in relation to the thoughts of each individual unhappy

person. The happy person may receive the amplified negative thoughts on the left side of his or her Psychological Level. If the combined strength of the negative thoughts exceeds the strength of his or her basal level, the person will physically “sense” the negativity (even though there are no obvious physical signs of negativity in the room). This is one form of extrasensory perception, and it is due to the interaction of external stimuli on the left side of the Psychological Level. The reason it can be sensed is that the negative thoughts can, after some time, entrain the basal level, which then impedes the natural flow of positive basal energies from the person (see **Example of Entrainment by External EM Waves**, below). However, if the happy person's “basal” level strength exceeds that of the combined negative thoughts, he or she may not perceive it (see **Example of Entrainment by Aura**, below). The converse, of course, is true also – a fundamentally unhappy person may perceive (and be rejoiced by) the combined positive radiations from many happy people, with the result that the positive EM waves entrain the unhappy person's basal Psychological Level.

EXAMPLE OF ENTRAINMENT BY EXTERNAL EM WAVES

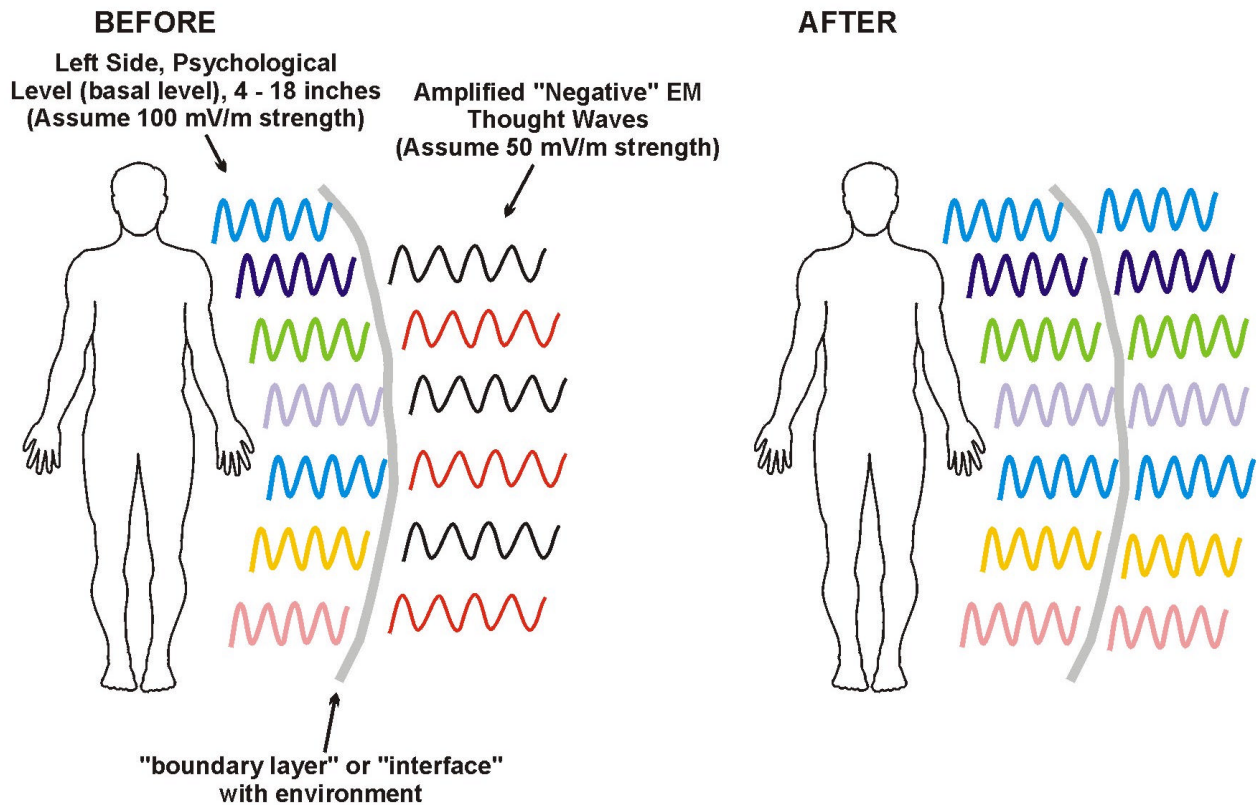


This is an extreme example of how energies in the environment can affect a person. The interaction occurs at the "boundary layer" or "interface" on the left side of the basal Psychological Level, which acts as a receiving antenna. ITEM has determined that in general, this Psychological "boundary layer" exists at approximately 18 inches from the body.

Practically, however, there are hundreds to thousands of environmental stimuli reacting with the "boundary layer" at any time, ranging from the Auras of other people, bioenergies from plants, trees, and animals, ultraviolet radiation from the sun, and geomagnetic radiation of the earth, to EM waves given off by electrical appliances and random waves traveling from radio and television

antennae. Other researchers using biofeedback modalities such as “galvanic skin response” have shown that the basal level is highly resilient to outside environmental stimuli in most circumstances (i.e., the basal level can entrain external EM waves after a certain period of time, as in the figure below).

EXAMPLE OF ENTRAINMENT BY AURA



An important point to keep in mind here is that we are discussing those environmental stimuli (in the form of EM waves) that are usually below the level of sensory perception. Sensory perception can occur when the strength of those stimuli exceed that of the basal level. Perception occurs more routinely when, for example, you see unhappy people in a room using body language

revealing their unhappy psychological state. That type of perception will obviously lead to a reaction and subsequent transformation of the right side of the Psychological Level, as discussed below.

RFI measurements of the left side of the Psychological Level, at 4 to 18 inches from the body, are therefore *revealing a composite and dynamic electromagnetic interaction between the basal level and outside environmental influences*. Assuming that we could construct a filter, such as a Faraday cage, to reduce or prevent the interaction of the basal level with external EM waves, the frequencies that you would detect with **RFI** would theoretically be those of the basal level alone. However, the reality is that we do not exist in isolation from the environment, but depend on and interact with the environment every second of our lives, so collecting any data other than the true interaction of the basal level with the environment would be “unnatural.” That is, essentially, why ITEM does not offer or recommend the use of any types of “shielding devices” or filters when performing **RFI** measurements on living organisms such as humans, animals, and potentially plants (higher organisms that are or may be capable of producing EM fields as a result of thought and emotion), except for unusual circumstances of interference.

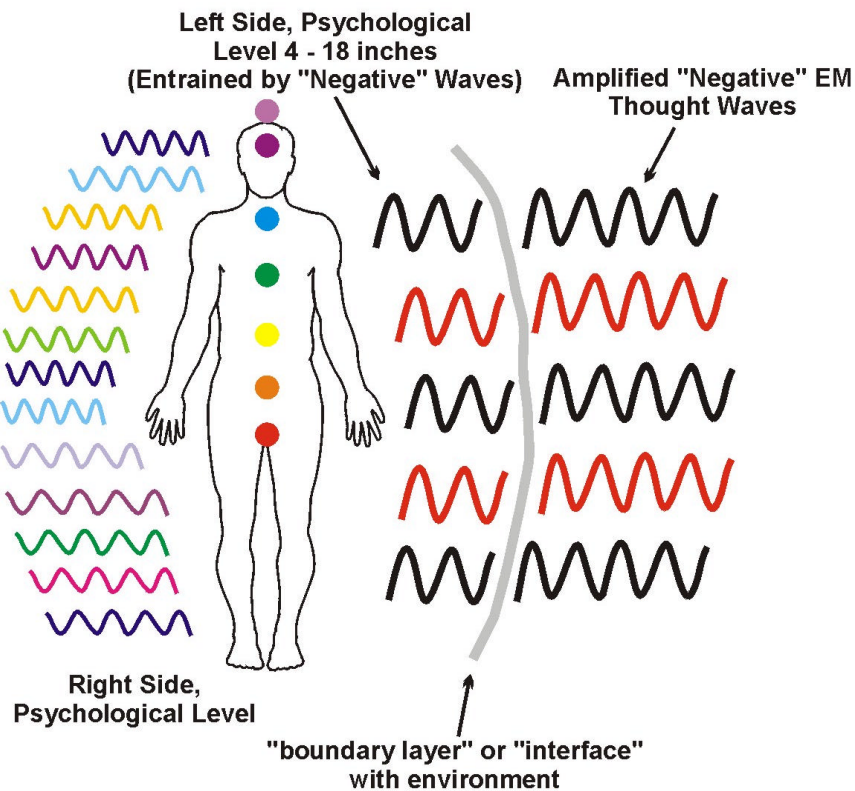
Right Side

In metaphysical terms, energy flows in through the left side, traverses the energy meridian system of the body, is processed through the main energy “vortices” or Chakras, and is projected back into the environment through the right side of the body (with greater importance on the right hand). Based on years of processing frequency data generated through **RFI** trials, ITEM believes that there is a sound scientific basis for this metaphysical model.

The right side of the Psychological Level is sustained by the basal EM field just as the left side is. If we were to isolate a person from the environment, we may find that the basal level of the right side is generally similar in terms of frequency and field strength as the left side. However, given

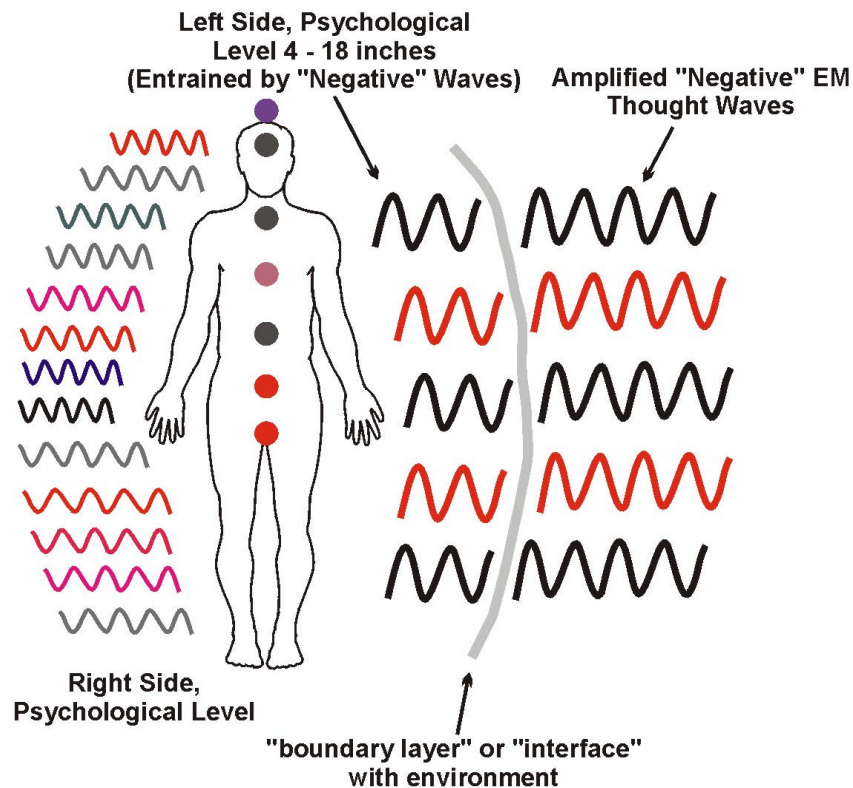
the reality of our constant interaction with the environment, we find in practice that there will usually be differences in the field strengths and frequencies of the left and right sides, due to 1) the types of EM waves interacting with the left side, and 2) the ways people process different types of external energies through the Chakras.

EXAMPLE 1 - RIGHT SIDE UNAFFECTED BY STRONG "NEGATIVE" WAVES



assume that the field strength of the external “negative” waves greatly exceeds that of the left side basal level, and thus entrains the left side Psychological Level. In Example 1 above, we see that although the left side Psychological Level has become entrained, the strength of the new field does not “overpower” the natural momentum of energy flow through the Chakra system, and the EM waves transmitted by the right side are unaffected. What this means, practically, is that the happy person may sense the negativity in the environment around him or her, but it is not sufficient to impede the natural transmission of “happy” and “loving” EM waves back to the environment.

EXAMPLE 2 - RIGHT SIDE AFFECTED BY STRONG "NEGATIVE" WAVES



In Example 2, we see that the negative EM waves do have an adverse impact on the natural momentum of the Chakras, and therefore affect the types of energy transmitted from the right side Psychological Level. In general, the momentum of the Chakras and the basal level of the right side will not permit the direct “pass-through” of negative EM waves from the left side to the right side, so there is essentially a “dampening effect.” In other words, a happy person who senses a great deal of negativity all of a sudden will not usually transmit those negative energies back into the environment with the same strength as they were received (rather, the person sensing the strong negative waves will usually feel uncomfortable and leave the room).

In our normal environments, when we are not exposed to such an extreme, polarized form of energy, but rather diverse arrays of complex EM waves from the environment, our reactions to stimuli as observed from the right side of the body can be just as diverse. The basal level on the right side of the Psychological Level is not only affected by those EM waves “received” by the left side, but also *subtle energies* that cannot be measured and conscious and subconscious thoughts that originate within the person’s mind (and are therefore not subject to interaction with the left side basal level). ITEM has shown that the slightest thought can produce immediate changes in the right Psychological Level. If, for example, during an **RFI** reading the subject sees a butterfly land on the window, the subject may respond with no reaction, a positive thought, or a negative thought, based on the subject’s experience. The stimulus (butterfly) itself will not likely induce any changes in the left Psychological Level (little or no bioenergy EM waves will be received), but the perception of the stimulus will induce the thought which can immediately affect the transmission of right side psychological EM waves.

The left hemisphere of the brain serves as a primary transmitter of EM waves. When a thought or environmental stimulus is perceived, the brain will transmit electric current through the right side parasympathetic nervous system (meridian system), which is then projected outward into the environment from the entire right side of the body (although usually more intensely at the right hand). The brain biochemically uses power to transmit the current, and the amount of power used

is a function of the intensity of the response to the sensory perception or stimulus. When a person experiences a very strong emotion or projects a thought with great desire, the intensity and strength of the EM field on the right side of the body will increase, as will its frequency in most cases.

The electric field (E Field) strength of the basal level of the Psychological Level varies depending on an individual's psychology. In general, if a person is fundamentally happy and positive, the E Field strength of the basal level can theoretically be 250 mV/m or higher at any time (although, of course, the basal level is in a continuous state of flux in terms of both frequency and strength). A sustained stimulus of strength greater than 250 mV/m would therefore be necessary to induce entrainment in the left side of the Psychological Level.

When a person projects a thought or emotion of great intensity to the environment, the resultant maximum E Field strength can theoretically be 1 V/m or greater. As discussed in ITEM's Professional Development Series (PDS), such transmitted electric field strengths are necessary to cause the displacement of matter (i.e., telekinesis). When a person transmits EM waves, the basal level on the right side Psychological Level is increased (in terms of electric and magnetic field magnitude). (Note - the expansion and contraction of the outer Aura often referred to in metaphysical literature is most readily understood as the "spikes" in electric and magnetic field strength due to the active projection of EM waves from the right side of the body). In addition, the transmission of EM waves produces a force or momentum, greater than that present in the basal level, which generally results in a more immediate entrainment with external EM waves. In other words, unlike the left side Psychological Level where a boundary layer of interaction may be found at about 18 inches from the body, such interaction on the right side Psychological Level would not occur until much further from the body. Therefore, at 4 to 18 inches from the right side of the body the frequencies detected are the sole result of a person's psychological state, thoughts and emotions (i.e., the right Psychological Aura is composed of the basal level due to fundamental psychological state plus potentially stronger EM wave transmissions from thoughts and emotions).

Although we recognize that this model of the Health and Psychological Levels of the Aura are highly simplified, we hope that **RFI** Investigators can use it as a foundation for further investigation.

Before ending this section, we would like to briefly discuss one other important consideration with regards to the principle of entrainment. In many esoteric books on mystical experience and mastership, the concept of low-frequency entrainment is discussed. Mystical “masters” often characterize their basal energy fields as being composed of low, stable frequencies. At the time of this writing, an **RFI** Investigator informed ITEM of some interesting findings— before a class on chi (essential energy) mastership, most students had basal energy fields in the 400-600 MHz frequency range. However, following the class, the energy fields of most students had decreased to 10-20 MHz. This finding suggests that the energy field of the chi class instructor entrained and induced resonance in the energy fields of the students. Low-frequency entrainment, like high-frequency entrainment discussed previously in this section, is an established principle of physics and has many applications in music. However, low-frequency entrainment of energy fields, unlike high-frequency entrainment of fields, may have little to do with electric and magnetic field strength but may be more related to non-Hertzian energy dynamics (i.e., the energies we cannot currently measure).

Many **RFI** Investigators ask ITEM a natural question – which is better, high frequencies or low frequencies, in terms of spirituality, self-enlightenment, love, etc.? The answer to this question is theoretical and not enough scientific data exists to declare a definitive and objective solution. For example, some “masters” whose energy field is described as “powerful” radiate relatively low frequencies, while others radiate high frequencies. Many people think, “the higher the frequencies of the energy field, the higher the attainment of consciousness,” but this does not appear to be necessarily the case. In fact, one could argue that the opposite is true if we were to consider that as frequencies increase, wavelengths decrease. For example, the wavelength of a 100 MHz radio transmission is 3 meters. The wavelength of the fundamental resonant frequency of the earth

(Schumann resonance) of about 7.83 Hz is 38,300 kilometers. The length of a wave of 0.000000032 Hz is one light year. You can soon begin to see that as frequency approaches zero, wavelength approaches infinity, implying that energy information can travel infinite distances in one wavelength and literally exist “everywhere at once.” Thus, the theoretical implication is that perhaps the lower a person’s energy field is in frequency, the “higher” one is in terms of consciousness – yet this is a philosophical inquiry, of course, and science may never find a definitive answer for it.

Our theory at this time is that higher frequencies can be “good” in terms of increasing the vibratory rate of the energy field. If a client has an average frequency throughout his or her energy field of 200 MHz before therapy, and then 400 MHz after therapy, it can be claimed that the therapy increased the rate of vibration within the energy field (and perhaps within the physical body itself). However, lower frequencies can also be considered “good” in that we have found that lower frequencies are often associated with “elevated spirituality”. For an example of this, please refer to the case studies presented on ITEM’s website at www.item-bioenergy.com/rfi/research.html.

3.0 HOW TO USE RFI

3.1 COLLECTING FREQUENCY DATA

3.1.1 RFI Frequency Counter

Included with your **RFI** package you will find a hand-held digital frequency counter. ITEM routinely evaluates frequency counters and selects the most effective counter on the basis of reliability (accuracy in detecting sources of known frequency over time), sensitivity (ability to detect frequencies with low field strengths), and cost efficiency (most economical price for optimal quality). This model has been chosen as the frequency counter best suited for **RFI** at this time – not only in terms of its proven reliability and sensitivity, but also for its simplicity of use. Research at ITEM has confirmed that this model is more sensitive and reliable than frequency counters that ITEM has offered in the past. ITEM conducts a series of basic quality assurance tests on individual frequency counters before shipment with the **RFI** package to assure normal operation (see Quality Assurance Statement in frequency counter package). However, on rare occasions there may be damage to the frequency counter during shipment that prevents normal operation. If there appears to be physical damage to the frequency counter, please contact ITEM immediately at **Central@item-bioenergy.com** for assistance. Information on the limited frequency counter warranty is provided in **Section 3.1.5**.

In Section 2.0, we discussed three of the most important parameters of EM fields – frequency, electric field, and magnetic field. **RFI** utilizes a frequency counter to measure only one of these parameters – frequency (which ITEM believes to be the most important characteristic of the Aura). If you are interested in measuring electric and magnetic field strengths, we recommend that you obtain an ambient voltmeter and gauss meter, respectively, or a multimeter. As ITEM continues to develop **RFI** and understand the practical importance of electric and magnetic field strength in evaluating physiological and psychological conditions, we may consider using equipment capable

of measuring all three parameters.

In lieu of a user's manual, we present a detailed description of the features and specifications of the frequency counter below.

Features

50 W (ohm) input for full range 1 MHz to 3 GHz coverage – the antenna supplied with the frequency counter is a standard receiving dipole antenna with a maximum input impedance of 50 ohms. Impedance is defined as voltage divided by current. When electromagnetic (EM) waves interact with the antenna, an alternating charge (voltage) is produced on the surface of the antenna, which induces an alternating electric current. The current travels to the internal electrical circuitry of the frequency counter where the amplitude of the current is detected and converted into frequencies. Impedance (also called resistance) is present in the antenna to protect the internal circuitry against damage that would result from high electric current. The maximum 50-ohm impedance is found at the ends of the antenna – and is constant for the entire bandwidth that the frequency counter can measure (1 MHz to 3 GHz). The minimum impedance in the antenna (i.e., any dipole antenna) is found at the center. Therefore, when measuring weak fields, it is important to ensure that the center of the antenna is within the area intended for measurement, since the antenna is most sensitive at the center. However, conversely, since the center of the antenna has the least impedance it is also the location where the antenna is most vulnerable to damage from high-strength electric fields. The higher the impedance applied to the antenna, the lower the current that reaches the counter's circuit and the lower the frequencies detected. To test this principle, turn on the frequency counter and then watch the frequencies decrease once you press the tip of the antenna firmly with your fingertips.

Filter prevents display of random noise – the frequency counter comes equipped with a filter module which, when turned to the “ON” position, causes the internal circuitry to ignore fluctuating

currents induced by rapid changes in the electric field strength of EM waves. The manufacturer designed the filter module as a tool for electricians and electronic engineers to identify discrete, “industrial strength” EM waves of relatively constant field strength radiating from transmitters, and to effectively ignore harmonic waves and EM waves with weaker field strengths (i.e., “random noise”) interacting with the “industrial strength” waves. Ironically, the EM fields referred to as “random noise” or “phantom readings” by the electronics industry are the same fields that we are interested in for Aura and bioenergy measurements. Therefore, we recommend that unless you are performing a scan to determine whether or not interference is present (as discussed further below), you should keep the filter turned to the **“OFF”** position.

High speed 300 MHz direct count with 0.1 Hz per second resolution – there are two frequency ranges on the frequency counter – “300 MHz” (for measuring frequencies less than 300 MHz, down to 1 MHz) and “3 GHz” (for measuring frequencies up to 3 GHz). ITEM recommends that you collect your RFI measurements using the 3 GHz range; at this range, the maximum display resolution is 10 Hz (i.e., the counter will display frequencies to the nearest 10 Hz). However, if you used the 300 MHz range, the maximum display resolution is 0.1 Hz. Therefore, the 300 MHz range is 100 times more “sensitive” than the 3 GHz range, although such display sensitivity matters relatively little within the context of MHz-range frequency measurements. The range switch of the frequency counter should be set on “3 GHz” if you expect the frequencies to be within the range of 10 MHz to 3 GHz, which it will be for most or all **RFI** measurements. As discussed below, you should rarely ever need to use the “300 MHz” range setting.

Ultra sensitive synchronous detector bar graph of RF signal strength – the frequency counter includes a feature that indicates the relative electric field strengths of the EM waves or field interacting with the antenna (bottom of display). The sensitivity of this bar graph is as follows:

Frequency	First Segment	Full Scale
27 MHz	7 mV	100 mV
150 MHz	5 mV	90 mV
800 MHz	10 mV	200 mV

At a frequency of 27 MHz, the first segment of the bar graph will appear if the wave has an associated electric field strength of at least 7 mV, and the full bar graph will appear if the electric field strength is at least 100 mV. Similarly, the first segment appears at 10 mV for an 800 MHz frequency, and the full scale appears at 200 mV. In most cases, the only frequencies “high” enough and “strong” enough to elicit a response from the signal strength bar graph are those frequencies associated with commercial or industrial applications, e.g., a cellular phone transmission. It is unusual for subtle Aura or bioenergy frequencies to have electric field strengths of a magnitude to cause a response in this signal strength detector and bar graph. An exception may be a circumstance where there is a “highly charged” environment resulting from many people projecting strong thought forms or from metaphysical entities. A response in this bar graph while performing **RFI** measurements is a good reason to suspect some form of “interference,” such as cellular telephone transmissions.

Low power consumption 6-hour NiCd battery operation – the counter comes with a built-in nickel-cadmium (NiCd) rechargeable battery that should last several years. The batteries will usually last up to 6 hours between recharging. To recharge the battery, insert the enclosed AC adapter into an electrical outlet and plug the adapter probe into the “9-12 VDC” inlet on the top of the frequency counter. Full recharge will be complete within 12 to 16 hours. ITEM has attempted to provide you with a recharging adapter than can be used for the power supply in your location; however, in the event that you cannot use the adapter for some reason, you should purchase a 9-12 V adapter that is compatible with your local electrical supply. Such adapters are commonly sold at electronics stores and are generally inexpensive. Please note that using the frequency counter for **RFI** measurements while plugged in to an electrical outlet is not recommended. Also,

ITEM recommends that upon receipt, you immediately charge the frequency counter for 12-16 hours to ensure maximum life of the battery. Thereafter, charge the counter one hour for every four hours of use. There is no indicator on the counter that specifies when charging is complete. The counter should be turned OFF while charging.

Low battery indicator – when the stored energy in the NiCd battery is nearly depleted, a low battery indicator will appear on the bottom right of the LCD display screen, which indicates that it is time to recharge the battery.

Hold switch locks display – the “Hold” button can be used anytime you would like to stop the continuous display of frequencies and record the specific frequency currently displayed. As discussed in more detail below, we recommend that you press the “Hold” button after a predetermined period of time to determine the frequency to be entered into the **RFI** software program.

Supplied with telescoping whip antenna and AC wall adapter – the “telescoping whip antenna” is a vertical dipole antenna used for passively receiving a broad range of EM waves and fields. The total length of the antenna, when fully extended, is approximately 57 cm (22.5 inches) long from the base of the antenna (above the BNC connector) to the base of the tip (black nodule). There are a total of 7 segments in the antenna, with lengths as follows: first segment (base of antenna) – approximately 9.75 cm, second segment – 8.5 cm, third segment – 8.25 cm, fourth segment – 8.0 cm, fifth segment – 7.75 cm, sixth segment – 7.5 cm, and seventh segment (tip of antenna) – 7.25 cm. Instructions on how to extend the antenna for **RFI** measurements are presented below. The AC wall adapter was discussed above in the section on NiCd batteries.

Gate button – the gate button is critical for collecting **RFI** frequency data. The gate button controls the speed at which frequencies are displayed, or the time between the display of frequencies. When you first turn the power on, the display time is approximately one-twentieth of

a second (i.e., approximately twenty frequency values are displayed every second). When you press the gate button once, the display time slows to approximately one-fourth of a second. When pressed twice, the display time slows to one second. When pressed a third time, the display time slows to four seconds. The use of the gate button is a good way to take **RFI** measurements because frequencies are averaged over the display period; for example, the average frequency that the counter detects over a period of four seconds is displayed if you press the gate button three times.

Calibration – another feature of the frequency counter is the calibration adjustment opening (labeled “CAL” on the right side). All frequency counters are calibrated at the manufacturer prior to shipment. Preliminary tests at ITEM indicate that you should not need to calibrate the frequency counter during your use. However, if you have a function generator or other device transmitting a known frequency, you could adjust the displayed frequency to match the known frequency by using a small pointed object, like a paperclip, and pressing into the opening until the counter display matches the known frequency. If you decide to calibrate the counter, make sure that you press the gate speed button three times to slow the display.

Specifications

Input Sensitivity – the minimum electric field strength voltage that will induce a response in the frequency counter is as follows for specific frequencies: < 0.8 mV at 100 MHz, < 6 mV at 300 MHz, < 7 mV at 1 GHz, and < 100 mV at 2.4 GHz. For example, at a frequency of 300 MHz, the counter can detect EM fields with electric field strengths below 6 mV. From these values, you can see that if the EM field has a frequency of, say, 500 MHz and an electric field component of only 4 mV, the counter will not detect it. At 500 MHz, the EM field must have an electric field strength of at least 6 mV for the counter to detect it. The Auras of living things generally produce EM fields with electric field strengths greater than the minimum values required to generate a reading (though not usually strong enough to generate a response in the bar graph discussed above), so you can feel

confident that the frequency counter is indeed detecting bioenergy fields.

The maximum input of the frequency counter is 15 dBm. The unit dBm expresses the power that the antenna can receive in decibels (dB) relative to one milliwatt; the decibel is the standard unit in the electronics industry for expressing an antenna's transmitting and receiving power (or "gain"). The equation for converting dBm to milliwatts is: $\text{milliwatts} = 10^{(\text{dBm}/10)}$. Therefore, 15 dBm equals 32 milliwatts (mW) or 0.032 Watts (W). The antenna supplied with the frequency counter, is, therefore, perfectly suited for subtle bioenergy measurements. It will generally exclude high-power direct EM fields and waves with electric field strengths greater than 32 mW, which is desirable for **RFI** measurements of subtle energy fields.

All counters are fully charged by the manufacturer, and calibrated with a Signal Generator. Crystals used in the frequency counter have the following accuracy and stability specifications:

- Initial Accuracy at Room Temperature: +/-1 PPM
- Frequency Stability vs. Temperature (-10 to 60 degree C): +/-5 PPM
- Frequency Stability vs. Aging/Year: +/-2 PPM.

3.1.2 Recommendations for Collection of Frequency Data

The following steps are recommended by ITEM for performing **RFI** measurements using the frequency counter:

1. Turn the power switch to the "ON" position, the range switch to "3GHz," and the filter switch to "ON," without extending the antenna. Put on your 100% white cotton lab coat. Point the counter and antenna into the air in front of you. If the display reads anything other than "0.000," then there is a strong industrial signal in your working environment that may interfere with your ability to make sensitive measurements for **RFI**. Turn off any radios and

televisions that you may have on. Check to see if anyone nearby may be using a cellular telephone. If you cannot locate the source of the strong signal in your immediate environment, then the source may be outside or in another part of the building. If the signal persists with the filter on, then ITEM recommends that you find a new location for **RFI** measurements.

2. If the display reads "0.000" with the filter on, then you can be reasonably certain that strong signals are not entering your work environment and you can begin collecting your **RFI** measurements.
3. Turn the filter off, and make sure the range switch is set to "3GHz." Next, you will want to extend the antenna.

How far should the antenna be extended? If you knew the frequency that you were expecting to receive, then you could apply the following formula to figure out how long the antenna needed to be:

$$468 / \text{frequency (MHz)} = \text{antenna length (feet)}$$

For example, if you knew you would be measuring a frequency of 500 MHz, then you could use this formula to determine that the antenna needed to be extended about 28.5 cm (or 3 segments):

$$468 / 500 \text{ MHz} = 0.936 \text{ feet} = 28.5 \text{ cm}$$

However, you will never really know what the frequencies are when performing **RFI**. Also, the frequencies do fluctuate in response to changes in the bioenergy field. Therefore, it is important to select an antenna length that will measure a wide band of possible

frequencies.

Using the formula above, you can see that the highest frequencies can be measured when the antenna length is shortest – with the first segment (9.75 cm) only (note – this is why cellular telephone antennas are so short – they are receiving high frequency signals). From the formula, the first segment can measure frequencies up to 1,460 MHz (note– it is possible to measure frequencies as high as 3,000 MHz (3 GHz), which is the maximum frequency the counter can detect – but the waves must be measured at the base of the antenna for this very high frequency to be detected). However, when the antenna is at its shortest length, it can be sensitive to fluctuations in bioenergy. This is because there is very little distance that the current (induced by the EM frequencies) needs to travel on the antenna before detection within the circuitry of the counter. At the same time, however, the antenna is less sensitive to electric fields at its shortest length.

You will notice that if you compare the frequencies detected when the antenna is at its shortest length versus when it is fully extended, the values are usually lower when the antenna is fully extended. This occurs for two reasons: 1) a greater spatial area of EM waves is detected by the antenna when fully extended, and 2) there are usually losses in the current traveling through the antenna when as antennalength increases (unless the EM waves are focused onto the base of the antenna – which cannot practically happen when measuring bioenergy). Therefore, for the purpose of accuracy, it is best to keep the antenna length as short as possible when conducting **RFI** measurements.

ITEM recommends that you initially use the shortest antenna length to collect frequency data, i.e., the first segment only. The fact that the antenna is most sensitive at its shortest length, and thus more prone to fluctuation as bioenergies of the subject change, may challenge some scientific-minded individuals who believe that the frequencies should not change, i.e., be static. This, however, is not realistic nor a true reflection of the nature of

the Aura.

To overcome this challenge, ITEM has conducted hundreds of trials to determine the best way to measure frequencies. Based on our research, our recommendation is to: **1)** press the gate button three times after turning on the counter to reduce the display speed to its slowest setting; **2)** place the antenna horizontally (i.e., parallel to the ground) in the bioenergy region of intended measurement (positioning discussed further below); and **3)** press the “Hold” button after the third frequency is displayed. ITEM’s research has shown that the third displayed frequency represents (almost 95% of the time) the average frequency that would be calculated if the antenna were to be held constant in the region for one minute. After the 3rd displayed frequency (or about 12 seconds), the antenna has generally had enough time to equilibrate with the surrounding bioenergy field. This is not to imply that the measurements become constant or stop fluctuating after this measurement (which is not the nature of Auras), but the 3rd display frequency usually represents the mid-point of any further fluctuations after 12 seconds.

After you have pressed the “Hold” button, enter this frequency into the **RFI** software program as discussed in **Section 3.1.4** below. Rather than enter the frequency data into the **RFI** software program after every measurement, some Investigators choose to write the frequency data onto copies of the **RFI Aura Analysis Chart** that is supplied with the **RFI** system. This allows the user to quickly take the measurement, write it down in the corresponding body chart line, and then enter all of the data into the program following the full Aura scan. If you are performing **RFI** sessions on your own, this method may be the most time-effective until ITEM completes its next **RFI** prototype that will include real-time data input processing.

This method appears to work well based on our trials. However, you should feel free to experiment on your own. If you are a scientific-minded individual and feel uncomfortable

unless the measurements are “more constant,” feel free to extend the antenna to the 2nd or 3rd segment. The variability in fluctuations often (but not always) decline, but in doing so there may be a certain reduction in the accuracy of the readings because of the losses along the antenna length. In addition, some Investigators may, for the sake of time, want to use the first displayed frequency (rather than the suggested third). ITEM’s research indicates that a majority of the time, the first and third displayed frequencies represent the same color, so it may be safe to use the first frequency, but we feel it is safer and more reliable to use the third displayed frequency. Whatever method you choose, be consistent throughout the reading (i.e., all bioenergy regions should be measured the same way).

3.1.3 Frequency Counter / Antenna Positioning

The **RFI** software program contains 40 distinct regions where bioenergy measurements should be taken, characterized as follows:

- **Health Level** – a total of 17 regions comprise the Health Level; these include the lower left leg, upper left leg, left torso (hip/pelvic area), left hand, lower left arm, upper left arm, left side of neck/shoulder, left side of head, top of head, right side of head, right side of neck/shoulder, upper right arm, lower right arm, right hand, right torso, upper right leg, and lower right leg.

The Health Level exists, in general, from 0 to 4 inches from the physical body. Therefore, the subject should remove thick layers of clothing prior to data collection. Place the antenna at the approximate mid-point between the body and four inches from the body, and at the middle of the Health Level region of interest, with the antenna oriented at a right angle to the body (i.e., horizontally, parallel to the ground).

Hold the frequency counter with your thumb on the bottom and two or three fingers on the

top as illustrated in Figure 1, showing the positioning for a Health Level top of head (0 to 4 inches from head) measurement. The antenna should point away from you and be positioned approximately 2 inches (5 centimeters (cm)) from the top of the head (i.e., the mid-point between 0 and 4 inches). Do not be concerned about the exactness of placement – for example, you do not need to use a ruler to define the exact plane where the antenna should be. Use your best judgment. Also, you can use the “antenna clip” as a benchmark for where to place the antenna– the “clip” should be positioned in the center of the region you are measuring. For example, if you are measuring the Health Level top of head, place the antenna parallel to the ground, about 2 inches away from the head, pointing away from you, with the clip located at the approximate center of the top of head region.

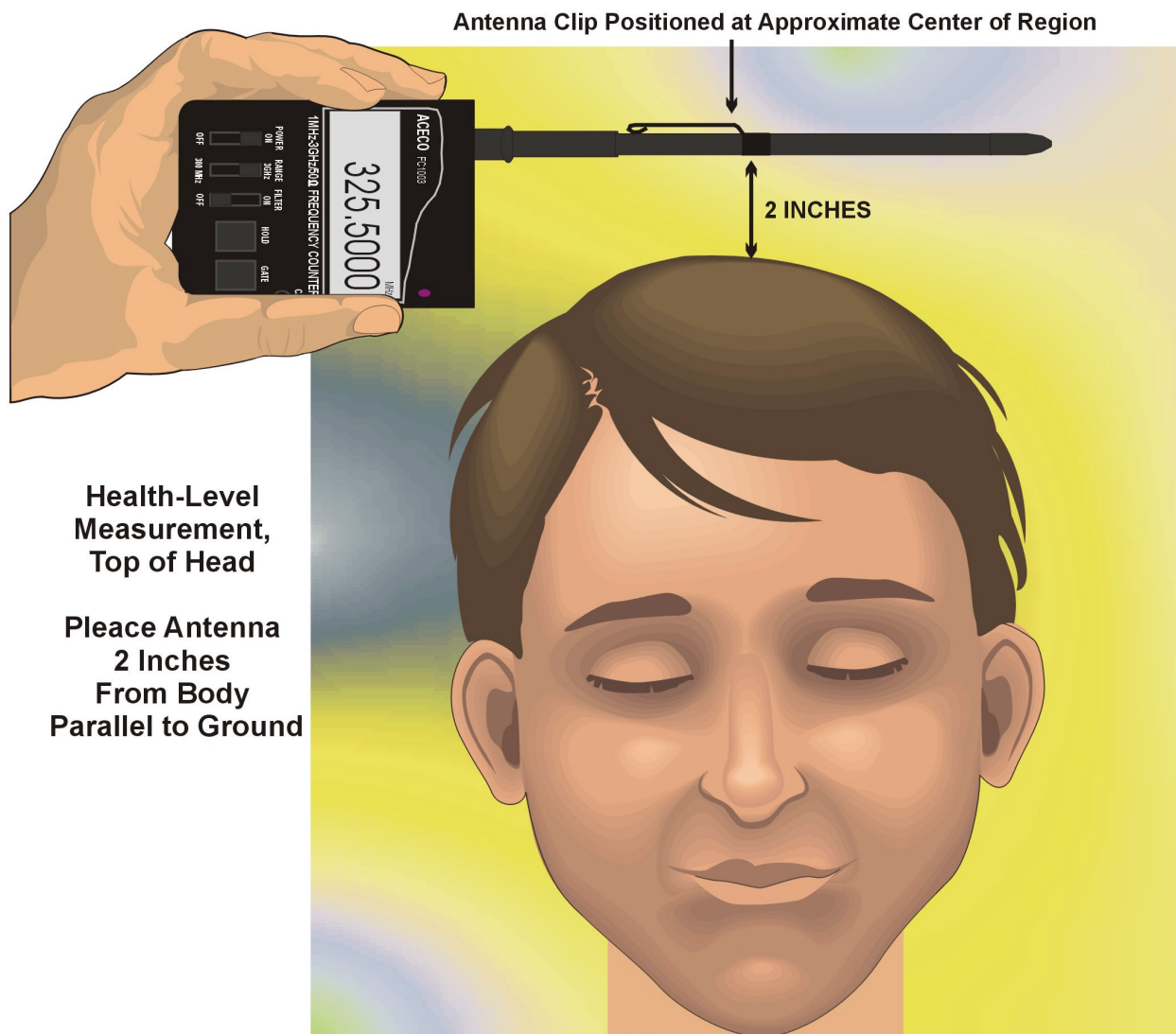
The same positioning applies to all other Health Level measurements around the sides of the body – orient the frequency counter and antenna parallel to the ground, approximately two inches (5 cm) away from the body at the central point of the region of interest. Point the antenna away from you. It is recommended that the Investigator stand at the subject’s side – except for perhaps the top of head measurement, which can be done while standing directly in front of the subject.

For Health Level measurements in the abdominal (hip/pelvic) region, the subject should raise his or her arms during the reading to avoid any possible interference from the arms. For Health Level measurements of the hands, the subject should place his or her hands straight out from the side, palms down, and you should take the measurement from the top of the hands.

Figure 1 shows the **RFI** Investigator’s hand entering the subject’s Aura, but the energy radiating from the hand is not shown. Please note that the energies from your hand can have an impact on the measurements you obtain in two ways: 1) the base of the antenna

can possibly detect the hand's frequencies, and 2) if you are using your right hand to hold the frequency counter, you may, without your awareness, project EM waves into your subject's Aura that produce changes in the Aura you are measuring (especially if you are a healer that practices such energy projection). We have found that this does not usually affect measurements, but if you have any reason to suspect that your hands are influencing the measurements, we recommend that you wear 100% cotton gloves during the **RFI** sessions.

Figure 1



- **Psychological Level** - a total of 17 regions comprise the Psychological Level, also called the Emotional Level or Emotional Body; these include the lower left leg, upper left leg, left torso, left hand (palm), lower left arm, upper left arm, left side of neck/shoulder, left side of head, top (crown) of head, right side of head, right side of neck/shoulder, upper right arm,

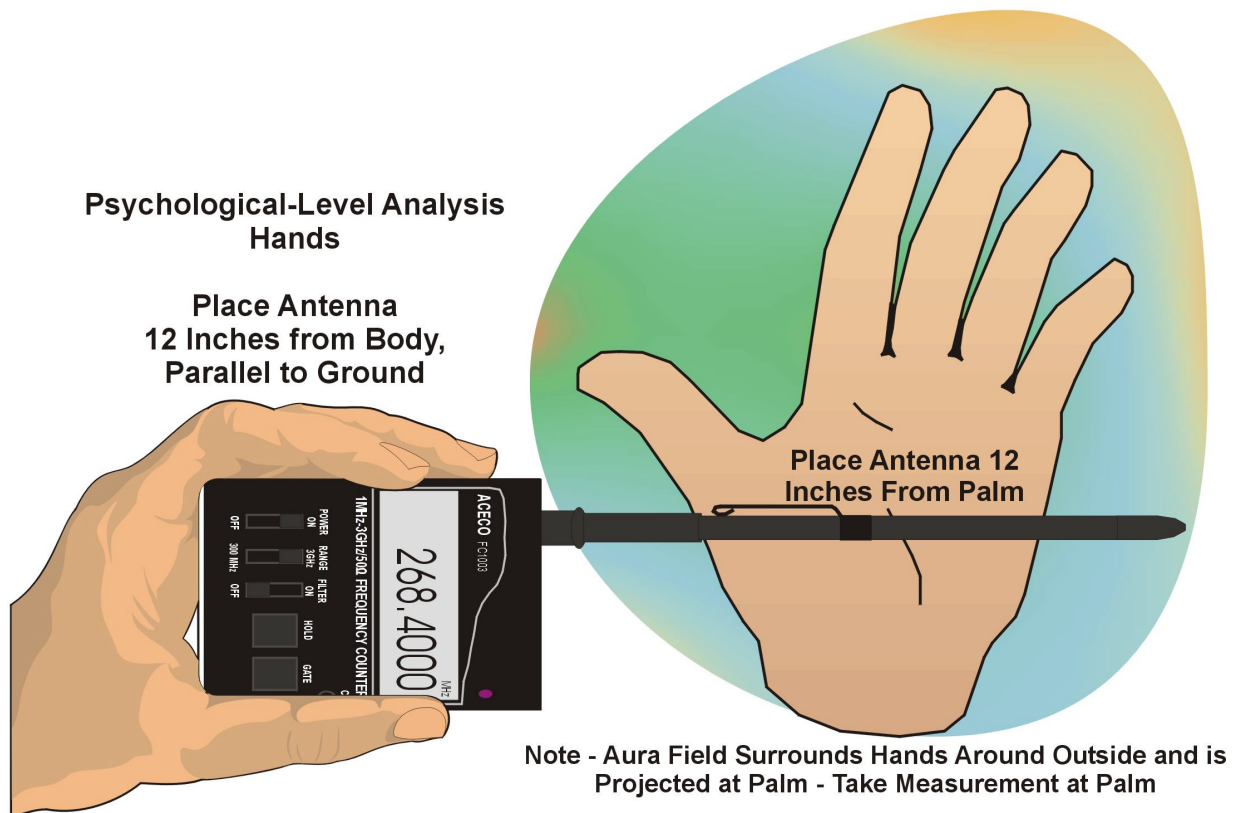
lower right arm, right hand (palm), right torso, upper right leg, and lower right leg.

The Psychological Level measurements should be taken in much the same way as the Health Level; however, there are two differences: 1) the antenna should be placed within a space that is 4 to 18 inches away from the body region of interest (recommendation is approximately 12 inches (one foot) or 30.5 cm), and 3) the hands should be measured with palms facing upward, and the antenna should be placed over the palm. For Psychological Level measurements, the antenna should be parallel to the ground, and you can position the antenna clip at the approximate center of the region you intend to measure.

The palms of the hands transmit and receive energy information of a predominantly psychological nature. The antenna should measure the energy radiating away from the palm of the hand (as illustrated in Figure 2 below). You should ask the subject to hold out his or her hand toward you for this measurement.

- **Chakra System** – there are a total of six Chakra measurements to take, including the Third Eye Chakra, Throat Chakra, Heart Chakra, Sacral Chakra, Adrenal Chakra, and Base Chakra. The seventh (Crown) Chakra is, as a rule, the same color as the crown of the head – Psychological Level. The Chakras are generally small points of light– perhaps one or two inches in diameter – that project out from the body to 18 inches and beyond. Once again, you should place the antenna at a right angle to the body, approximately 12 inches (one foot or about 30.5 cm) away, parallel to the ground, at the approximate location of the Chakra (as illustrated in Figure 3 below). For interpretive purposes, the Chakras not only provide information on the core psychological characteristics of a subject, but also indicate the health condition of endocrine glands located at the Chakra points.

Figure 2

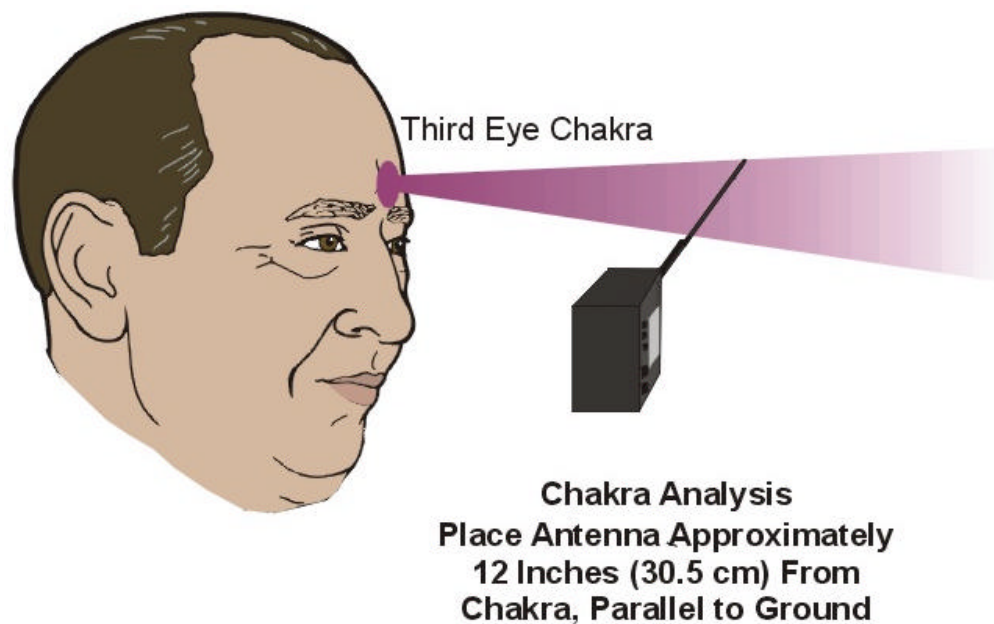


3.1.4 **Additional Data Collection Notes**

- 1) If you are using the frequency counter for **RFI** measurements, the measured Aura frequencies will usually be within the range of 100 MHz to 800 MHz (though it is not impossible or improbable for frequencies to be measured outside this range).
- 2) The **RFI** software program is designed to calculate the color of visible light associated with frequencies measured to one-tenth MHz. For example, if, when you press the Hold button, you read a frequency of 209.7455 MHz, you should round this number to 209.7 MHz when

you enter the value into the software program (color – burgundy). If you rounded the number to the nearest MHz instead of the nearest one-tenth MHz, the resulting value, 210 MHz, would yield the color red, which has a different interpretative meaning than the burgundy color that was actually measured. Therefore, we recommend that you round to the nearest one-tenth MHz when entering frequency data into the software program.

Figure 3



- 3) While taking **RFI** measurements, you should always remain conscious of the distance between the antenna and the body. By maintaining the antenna distance at approximately 2 inches (5 cm) for the Health Level and 12 inches (30.5 cm) for the Psychological Level and Chakra system, you can be assured that the correct characteristic frequencies from those Levels are being measured. If you are not used to making such visual-spatial distance judgments, you will be soon with a little practice.

Remember that the antenna will detect the strongest frequencies of those EM waves that happen to be near the antenna during any point in time. Therefore, you must be careful not to place the antenna so it intrudes into more than one region. A good rule of thumb is to position the antenna in the plane opposite that of the body orientation. For example, the bodies of humans and plants are oriented primarily in the vertical plane; therefore, the antenna should be positioned in the horizontal plane (i.e., parallel to the ground). For some animals such as cats and dogs, whose bodies are oriented primarily in the horizontal plane, the antenna should be positioned in the vertical plane (i.e., perpendicular to the ground). When measuring EM fields that are not associated with a discrete bodily form, such as metaphysical energies in ambient air, it does not seem to matter significantly how you position the antenna. The other good rule of thumb is to position the antenna clip at the approximate center of the region of interest, as discussed earlier.

- 4) The **RFI** software program requires that you collect frequency data from the sides of the body, in accordance with the theory that energies are received through the left side of the body and projected from the right side of the body. The collection of frequency data from the front or back of the body is not a part of the program, except for the collection of Chakra (endocrine) frequencies at the front of the body. However, some people may have a desire to measure the Health Level field of specific locations at the front of the body. For example, if someone is known to have heart trouble, the subject or Investigator may want to determine the electromagnetic field conditions in front of the heart. There is a general problem, though, in collecting Health Level data from the front of the body, because Chakra frequencies are usually dominant (strongest), and there may always be uncertainty in whether or not Chakra frequencies are interfering with the Health Level measurements. ITEM recommends the following two methods for characterizing specific areas corresponding to internal organs: **1)** if the organ is located toward the front of the body (such as the heart, lungs, etc.), measure the EM field of the organ from the side of the body it is closest to. For example, if the subject reveals that he or she has heart problems, you

can theoretically determine the Health Level EM field condition of the heart by measuring the left side of the chest, under the arm, since the left side of the body is closest to the heart. Secondly, **2)** if the organ is located toward the back of the body (such as the kidneys, spinal cord, etc.), measure the approximate location of the organ from the back side of the body. If the **RFI** software program does not have a region designated for the area you measured, you may use the **Point/Object Analysis** function of the software to determine the color and its interpretation, as discussed further in **Section 3.2**.

- 5) When taking **RFI** measurements, you are almost as close to the antenna as the person you are reading, and in general your Aura extends the same distance from your body as your subject's Aura does. Therefore, you should hold the device and antenna as far from you as possible, and do not stand too close to the person whose Aura you are reading. To best reduce the possible interference from your own Aura, **wear the white laboratory coat, made of 100% cotton**, which we have included in your **RFI** package.

Research in energy-matter interactions at ITEM indicates that the atomic structure of cotton “absorbs” and retains Aura energies to a greater degree than other materials. Thus, when you wear a fresh laboratory coat, your Aura will be absorbed by the cotton coat, and will be retained as it is being absorbed and inhibited by the electrons and atomic polarities in the cotton. This “pulling in” or “holding back” effect on your own Aura will last for approximately 1 to 2 hours, until the cotton's atomic electron structure is saturated with your Aura energies, and then begin to pass through again. This phenomenon was proven by stable electrofield voltage readings of 80 millivolts for an uncovered Aura, which were instantly reduced to only 20 millivolts at the moment that the cotton lab coat was buttoned closed. This means that by using the cotton lab coat, at least 75% of Aura energies were retained.

Once the lab coat is saturated (1 – 2 hours), it is important to clear the old energies and renew its bioenergy absorbency by washing it, preferably with bleach. If you do

not have time to wash it because you must continue making Aura charts for other people, **the best approach is to place it on or near an ionizing device that will ionize the cotton.** This will restore the atomic electron balance and polarity of the cotton, and clear away all the old energies that have impacted the coat from you and from others. This practice substantially increases the credibility and reliability of experimental data produced using **RFI**. If an ionizing device such as an ion generator or radionics machine is not available to you, large white quartz crystals have also proven effective, and they usually clear the lab coat in about 15 minutes. Another method is to hang the coat outdoors overnight, as the concentration of negative ions in the night air can have the same effect.

- 6) ITEM has found that the use of the 100% white cotton lab coat by the Investigator will significantly reduce the “interference” or interaction between the Investigator’s Aura and the subject’s Aura during measurements. However, during the past few years we’ve also found that the Investigator’s hand (especially the right hand, one of the areas in which projection of EM waves is strongest) can influence the measurements since the hand may be positioned very close to the base of the antenna. To reduce or avoid any possible interference, we recommend that you hold one side of the frequency counter with your index finger and middle finger, and the opposite side with your thumb pressed firmly against the outer metal casing of the counter. This positioning will help reduce the chances that the antenna will detect EM waves from your hand, and the metal surface serves to insulate the internal circuitry of the counter. If you are still concerned that the antenna is detecting your hand’s energy or that your hands are influencing the subject’s Aura, we recommend wearing 100% cotton gloves while performing measurements (not included), as discussed earlier.
- 7) After several consecutive readings of different subjects, or after a particularly strong reading of a highly charged subject, the antenna itself may become imprinted, charged or otherwise effected by the strong energies you have read, and thus will continue to detect

those past energies in subsequent readings. When this happens, you may notice that all of the subsequent readings seem to have a disproportionate amount of one particular color. The remedy for this, and also a simple precaution to avoid it, is to ionize the antenna after any particularly strong readings (high voltage or high frequency), and to ionize the antenna periodically, such as every 2 readings, or perhaps every 15 minutes. The antenna, however, is not properly ionized by use of a charging device, as with the laboratory coats. The antenna must be purified and cleared in the way we ionize a glass rod: simply rub the antenna with a cotton cloth, up and down, repeatedly. You may use a separate clean cotton cloth for this purpose, or you may also rub the antenna on your clean cotton laboratory coat that you are wearing. Doing this periodically, and ideally after every Aura reading, substantially increases the accuracy and reliability of your results.

- 8) You should rarely ever need to use the “300MHz” range setting when performing **RFI** measurements. When this setting is used, the resistance is increased within the circuitry of the counter – causing frequencies to immediately decrease in comparison to the “3GHz” setting. It takes EM waves consisting of high electric field strengths to induce detected frequencies at the “300MHz” setting that are similar to those detected at the “3GHz” setting. In other words, using the “300MHz” setting produces inaccurate results unless you know that the field you are measuring has high electric field strength. Since most bioenergy fields have relatively low electric field strengths, it is best to use the “3GHz” setting at all times. The “300MHz” setting may be useful if you were, for example, measuring fields close to a radio transmission tower or from a cellular phone transmission.
- 9) If you are using the **Point/Object Analysis** feature of the **RFI** software program to detect energies present within the space of a room or outdoors (i.e., if you are scanning for energy and do not have a particular “subject” in mind), ITEM recommends that you extend the antenna to the third segment. This will provide more aerial coverage for the antenna, without sacrificing a great deal of accuracy in the detected frequencies.

- 10)** ITEM recommends that you not use the frequency counter to measure bioenergies while the counter is plugged into an electrical outlet to recharge batteries. Doing so can sacrifice the accuracy of the measured frequencies. If you have an all-day event planned for RFI and are concerned that you will not be able to use your frequency counter the entire day, a good idea is to have spare frequency counters on hand that are fully charged. Licensed RFI Investigators can order additional frequency counters from ITEM at a wholesale discount by entering the password-protected website (<http://www.item-bioenergy.com/password/updates.asp>).

3.1.5 Frequency Counter Warranty Information

The manufacturer warrants the counter and its accessories for one year against defects in materials and workmanship. The warranty does not cover a counter that has been modified, subjected to unauthorized repairs, misuse or abuse. The warranty does not cover damage caused by excessive power levels applied to the signal input, and is limited to the value of the counter and does not cover any incidental or consequential damage or expense. If you experience problems with your frequency counter within the first year, or receive your frequency counter in damaged condition, please contact ITEM immediately at [**Central@item-bioenergy.com**](mailto:Central@item-bioenergy.com). If the counter malfunctions after the limited warranty period, ITEM can help you obtain a new counter or receive service for the original counter.

3.2 RFI SOFTWARE PROGRAM

The **RFI Version 3.1** software program has been written to a compact disc (CD) enclosed in your package. There are two installation programs on the CD – RFI_Windows.exe (for Windows 98 and later) and RFI_macos.sit (for Mac OS10 and later). Please follow the Quick Start Instructions included in the Technical Manual to install the software. If you have any problems with the installation, please contact us at **Central@item-bioenergy.com**.

3.2.1 Preliminary Steps for Developing Aura Images

Now that you have a basic understanding of how to collect **RFI** measurements, we will discuss how to create Aura and Brain images using the **RFI** software. Presented here is a brief review of the steps you need to go through to prepare for taking Aura measurements. Refer to **Sections 3.1.2 through 3.1.4** for more detailed information.

- 1)** Attach the antenna to the BNC connector located at the top of the frequency counter. ITEM recommends that you not extend the antenna for Aura measurements, but you may want to extend the antenna to the third segment for ambient bioenergy measurements.
- 2)** Turn the “Range” switch to “3 GHz” and the “Filter” switch to “ON.”
- 3)** Turn the “Power” switch to “ON.” If the display reads “0.000” (Zero) then turn the filter switch OFF and proceed to the next step. If the display reads anything other than **Zero**, then turn off unnecessary electronic devices that may be on (e.g., televisions, radios, etc.) and try this step again. If you cannot obtain a Zero reading with the filter ON, there is likely a strong interfering signal in the environment, and you should attempt **RFI** readings in another area.

- 4) Press the Gate button three times to slow the display of frequencies. Place the frequency counter antenna at the region of the Aura you intend to measure, parallel to the ground, with the antenna clip at the approximate mid-point of the region (i.e., 2 and 12 inches away from the body for the Health Level and Psychological Level/Chakras, respectively). With practice you will be able to estimate exactly where the antenna should be placed to measure the Aura, and you should not feel the need to make exact measurements prior to each reading. **Regions are identified as blank ovals in the RFI software program**
- 5) Hold the frequency counter and antenna as still as possible in the region, and press the Hold button after the third display. This is called the **Single Point** method. Type this frequency into the **RFI** software program, or write it down on an **RFI** Aura Analysis Chart for later input.

There is also another method of taking frequency measurements at Health and Psychological Level Aura regions, called the **Single Pass** method, in which a “spatial average” of frequencies is obtained. For the Single Pass method you would place the antenna approximately 2 inches (Health Level) or 1 foot (Psychological Level) from the bottom of the Aura region and slowly move the antenna upward until it reaches the top of the Aura region. When you reach the top of the region, press the Hold button. For example, if you were measuring the Health Level Aura of the left lower leg, you would place the antenna 2 inches from the ankle and slowly move the antenna up to the knee, and then press the Hold button. In this way, frequencies are integrated from throughout the Aura region.

The Single Pass method is not emphasized because ITEM’s research has shown that there is a high correlation between the data obtained using the Single Point and Single Pass methods, and the Single Point method is simpler. In other words, it makes little difference which method you use, as long as you are consistent, but it is easier to use the Single Point

method. However, use whatever method is most comfortable to you. If you decide to use the Single Pass method for the Health and Psychological Levels, please note that the Single Point method must be used for the Chakras.

3.2.2 Using the RFI Software Program

The following pages discuss how to use the **RFI** software program to create new Aura and Brain images and Interpretation Reports.

First, install the **RFI Version 3.1** software program by clicking on the RFI_Windows.exe file (for Windows operating systems) or the RFI_macos.sit file (for Macintosh operating systems). Read and accept the License Agreement, and select the location where you would like **RFI** installed. Following installation, open the **RFI** program using the shortcut on your desktop or by accessing the program list in the Windows Start menu. The first time you start the program, you will be prompted for a Serial Number. Please enter the Serial Number that is specified in the cover letter for your system to register the software. Each time the **RFI** software is opened, an introductory graphic will appear, signaling that the **RFI** program is loading:

Resonant Field Imaging™

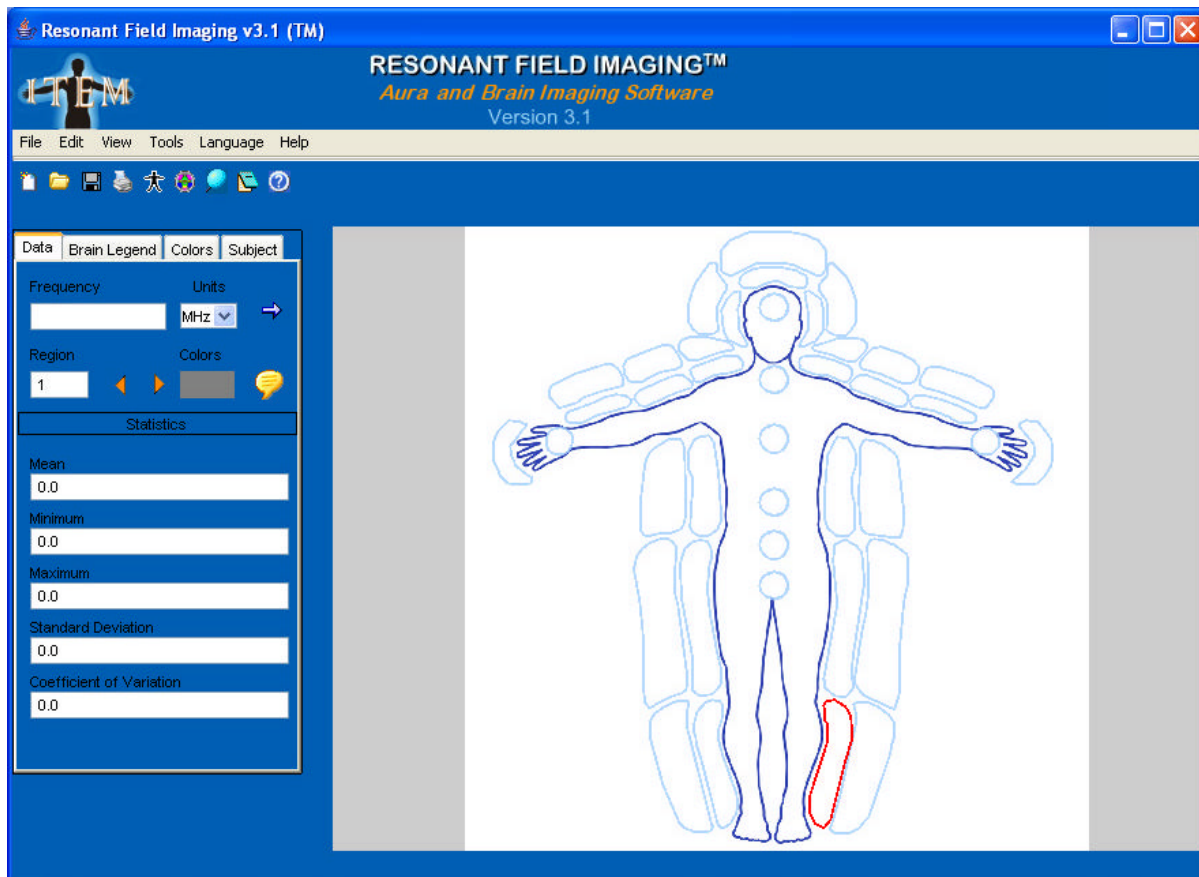
Aura and Brain Imaging Software

Version 3.1



Copyright (C) 1998 - 2004 Innovation Technologies and
Energy Medicine (ITEM), All International Rights
Reserved. Programming by Aubrey R. Jones

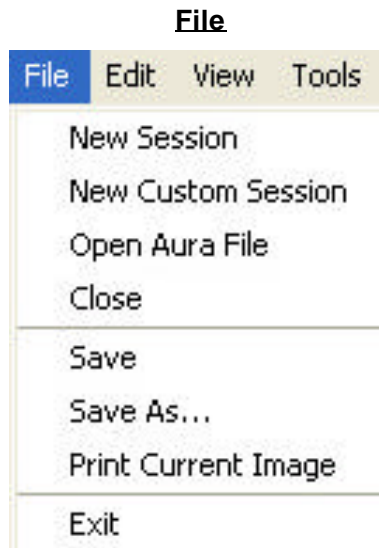
When the program loads, you will see the following screen:



A Body Image template with 40 Aura regions is displayed as blank ovals around the body (outer regions – Psychological Level, inner regions – Health Level) and in the center of the body (Chakras).

Menu Items

The gray bar contains six menu functions: **File**, **Edit**, **View**, **Tools**, **Language** and **Help**. Each of these functions is described below.



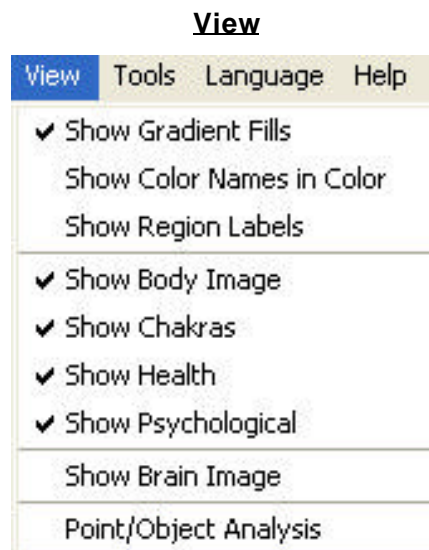
- **New Session** – Creates a new Body Image and Brain Image template. When you first open the program, new Body and Brain Images are already present, and you do not need to use this function. This function can be used to create new images while you are in the middle of an **RFI** session, or after you save an Aura file.
- **New Custom Session** – Creates a new Image from a previously saved custom template file. When you press “New Custom Session”, you will be prompted to select the file (with an .rtd file extension) that you created and saved previously for the custom template. See “Create New Custom Template” under the Tools menu for more information.
- **Open Aura file** – Opens a previously saved Aura file (.rfi file extension). Please note that

you can make changes to any saved Aura file created in Version 3.1; there is no archiving feature that prevents changes to a saved file (as there was in Version 3.0). Also, files that were created in Version 3.0 will not be accessible in Version 3.1, because these versions were created by two different types of software. We do expect to offer a file conversion utility on the **RFI** Investigators' website in the near future, but until that time, we recommend that you keep Version 3.0 on your computer if you need to access any Aura files created with that version.

- **Close** – Closes the current Aura file that you are working on. You will be prompted to save the Aura file prior to closing.
- **Save** – Saves the Aura file that you are currently working on. Aura files (even those that are saved from a custom template) are saved with an extension of **.rfi**. You can create your own folder to save files. We recommend that you include the name of the subject and the date of the **RFI** session for recall at a later time, for example "John Smith 03-01-03.rfi". When you use the Save function, the Aura file can be opened at a later time and changes made.
- **Save As** – Use the Save As function to save a previously saved Aura file with a new name following changes made to the file. When you use the Save As function, the Aura file can be opened at a later time and changes made.
- **Print Current Image** – Prints the Body Image or Brain Image (depending on which is being viewed at the time) to the default printer on your computer system. The client's name and the date and time are automatically printed on all Body and Brain Image printouts.
- **Exit** – Use this function to exit the software. If you are working on an Aura file, you will be prompted to save the file prior to exiting.



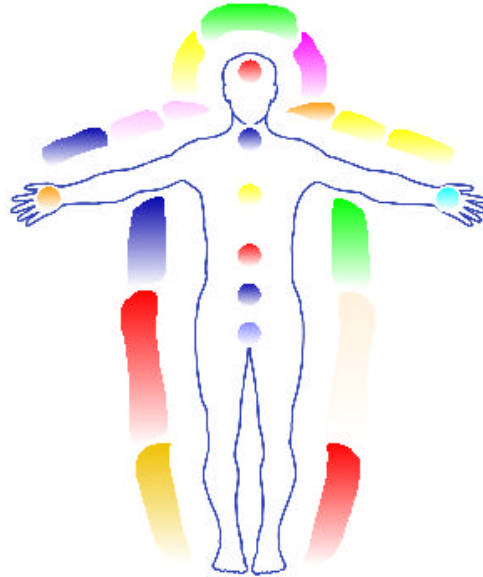
- **Clear Aura Data** – This function clears all of the data (frequency and color) from the Body Image and Brain Image. Once this function is used, you cannot recover the data, so this function should be used only when you decide to start over with an **RFI** session.



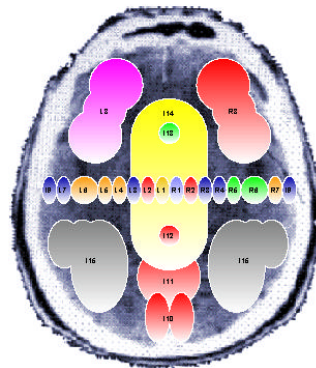
- **Show Gradient Fills** – Use this feature to toggle between whole fills and gradient fills for the colors displayed in regions for the Body, Brain and Custom Images. When the checkmark is next to “Show Gradient Fills”, the colors are shown as a soft gradient, fading to white. When the checkmark is off, the colors are shown as complete fills (the entire color fills the region).

- **Show Color Names in Color** – When the checkmark is next to “Show Color Names in Color”, the names of colors presented in the Interpretation Reports are presented in color. To turn off this feature, click on this menu item, and color names will no longer be shown in color.
- **Show Region Labels** – When the checkmark is next to “Show Region Labels” in the Body Image screen, the region numbering system is displayed. Regions are numbered sequentially from the lower left leg Health Level (1), moving around the body on the Health Level to the Psychological Level, and then the Chakra layer, ending with the Third Eye Chakra (40). The region numbering system is generally only necessary if you are interested in how the Brain Image is generated through the Body Image (see below). Region labels can also be shown in Custom Images.
- **Show Body Image** – Click on this menu item when viewing the Brain to return to the Body Image (you can also press on the body icon, as discussed below).
- **Show Chakras** – When the checkmark is next to “Show Chakras”, the Chakra layer (six Chakras) is displayed. If you do not plan on measuring Chakras for your **RFI** session, you can click on “Show Chakras” to remove the checkmark, and the Chakra layer disappears or becomes hidden. If you had measured the Chakras and then decide to hide this layer, the data and colors for this layer remain intact and can be redisplayed at any time. Hiding this layer will also hide the layer on the Brain Legend tab, but hiding this layer will not affect the Brain Image itself. The same concept applies to the **Show Health** and **Show Psychological** functions.

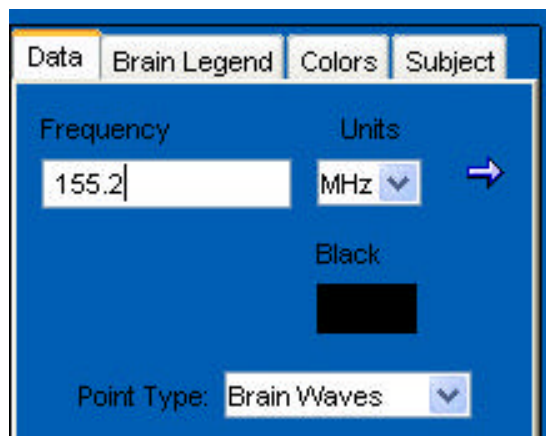
Example: “Show Chakras” and “Show Psychological” Checked, “Show Health” Not Checked

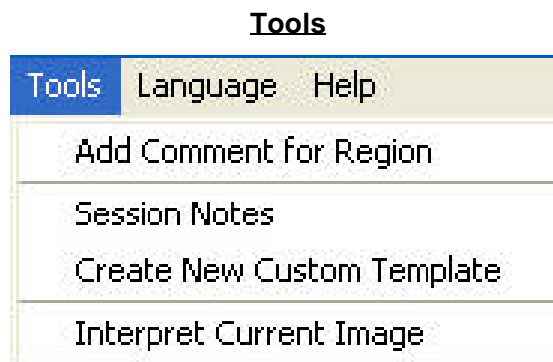


- **Show Brain Image** – When the checkmark is next to “Show Brain Image”, the Brain Image Aura is displayed; the checkmark is removed from the “Show Body Image” menu item. The “Show Brain Image” menu item is dimmed (not available) when working with a Custom Image Template.



- **Point/Object Analysis** – When the checkmark is placed next to “Point/Object Analysis”, a new screen opens for the Point/Object Analysis feature. This feature is used to determine the color and interpretation of frequencies without a Body Image template. If you are measuring an object or space that cannot be captured using the Body Image (such as a room, a garden, an animal, etc.), you can create your own Image template, determine the color and interpretation of your measurement, and manually draw colors into your template (or, alternatively, you can import your custom image into the software, as discussed below). There are four different interpretation systems within the Point/Object Analysis (select “Point Type” before entering frequency data): Psychological, Health, Brain Waves (i.e., Brain States), and Herbal/Botanical. Additional information on the Point/Object Analysis feature is discussed below and in Section 4.0.



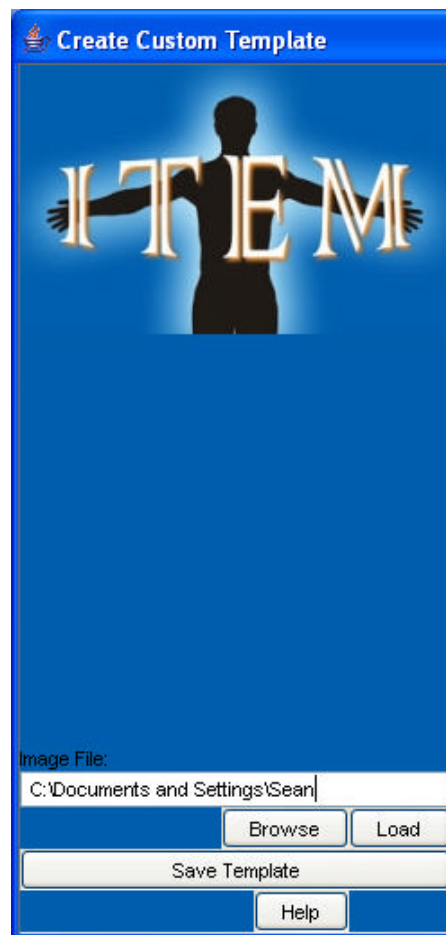


- **Add Comment for Region** – Use this feature to add a comment for a particular region while within the Body Image screen. You must click on or tab to the region of interest, then enter “Tools” and “Add Comment for Region” to enter the information. For example, if a subject reports that he or she is having pain in his or her right ankle, you could enter this information into the lower right leg Health Level region (region 17) to document this condition. You can also use this feature for Brain and Custom Images by clicking on the region of interest. The information you enter will be saved when you save the file.

- **Session Notes** – Use this feature to record information and conditions about the overall **RFI** session. This information is of a broader nature than the “Add Comment for Region” function; for example, “**RFI** session is being conducted at a health fair during late afternoon. Subject has just received a massage therapy treatment. There are therapists conducting healing sessions near the location of the **RFI** session.” This information is important for historical perspective. Another example, “**RFI** session is being conducted at subject’s home. Subject has experienced stress lately due to health problems.” Again, this information will help you, the Investigator, evaluate the **RFI** session within the appropriate context, which is especially important when establishing a subject history with repeated **RFI** sessions. When you are finished typing your

information, press “OK” and close out of the editor; the information you just typed will be “attached” to and saved with the **RFI** session you are working on, and can be retrieved and reviewed when you open a previously saved file.

- **Create New Custom Template** – This is a new feature of the **RFI** software in Version 3.1. When you click on “Create New Custom Template”, the following screen will appear (with a blank gray screen to the right):



Use this tool to build new custom aura templates from image files. This tool was designed into the software because many times users would like to measure animals, objects or spaces for which there is no template in the software. This feature is also very useful in conjunction with a scanner at public events or in your office, as you can take a digital photograph of your client and import the picture to your computer or laptop and then into the **RFI** software. It provides a more personable way to show the **RFI** Printout.

Step 1: Choose an image file by either typing its file path into the Image File box and clicking the Load button, or by browsing to it by clicking the Browse button and selecting it. You can select any graphical image (JPG, GIF, BMP, other formats may be supported) to import into the software.

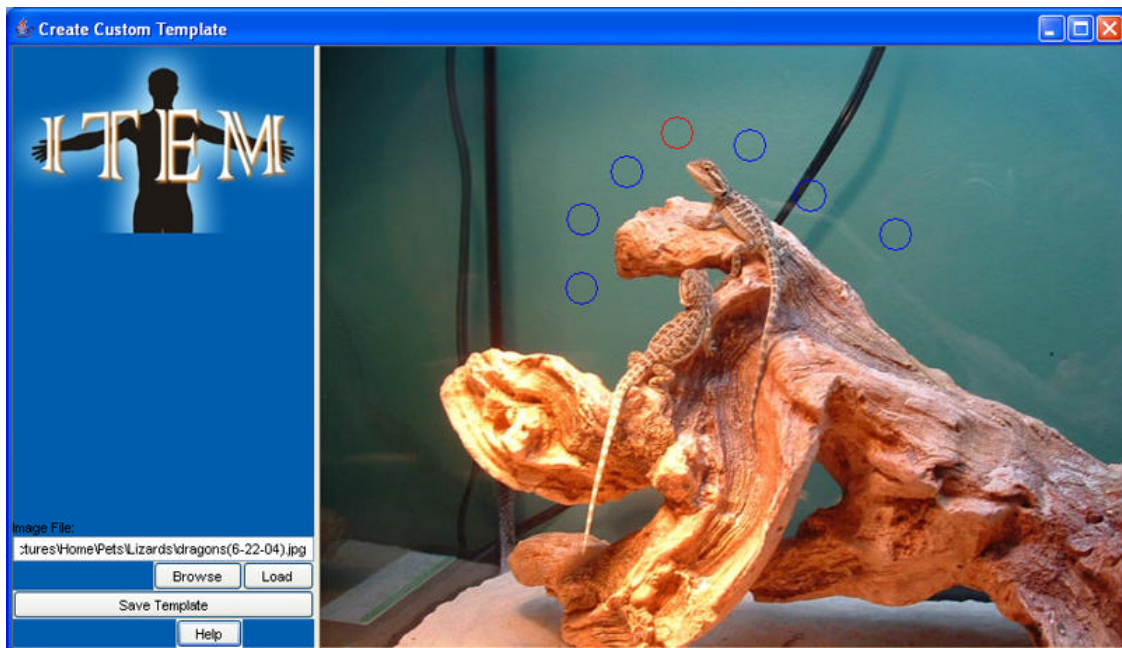
Step 2: Specify the point locations where you plan to take **RFI** measurements by clicking on the desired regions of the image with your mouse. If you make a mistake and wish to remove a point, simply right click it (for Windows) or click it while holding the Control key of your keyboard (for Macintosh).

Step 3: Press the Save Template button. You will be asked to give the filename for the template you have just created. **In order for the template to function correctly, the template (.rtd file extension) must be saved to the same folder on your computer as the image file you imported.** Otherwise, when you click on “File” and “New Custom Session” and try to select the template you just created, you will receive an error message.

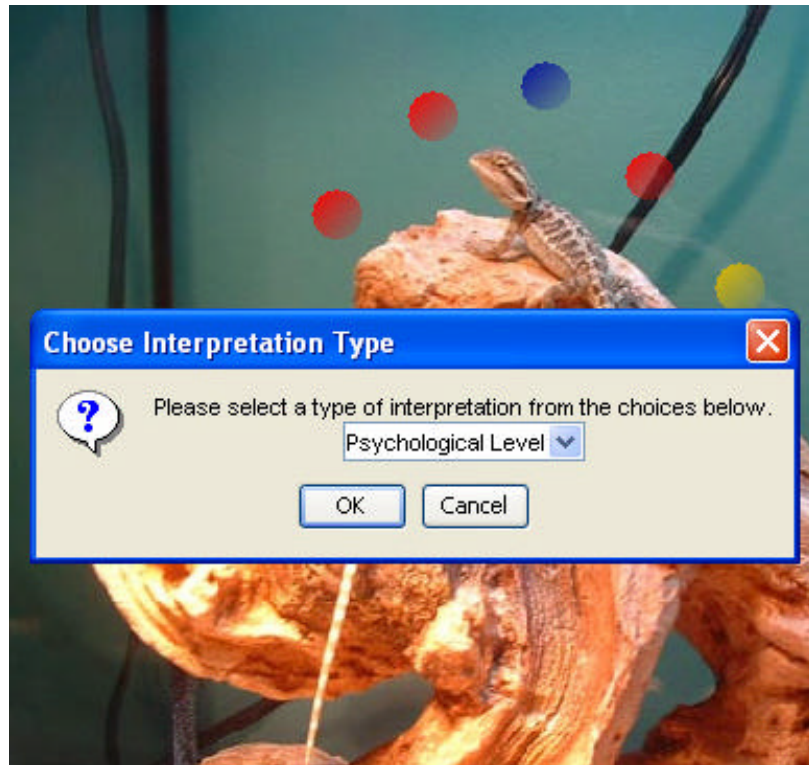
Note: It is recommended that you import images with a width of approximately 400-450 pixels, and a height of approximately 400-500 pixels. You may be able to use different image dimensions with satisfactory results, and you may want to experiment with finding the optimal dimensions for your computer resolution. To test this, import your image, generate the template, and then click on “File” and “New Custom Session” to see how the

image fits within the allotted space on the software screen.

In the example below, the user wished to measure the bioenergies within a pet lizard cage. The user imported the picture, selected point regions to take measurements (shown by circles in the picture below), and clicked on the Save Template button, and saved the template to the same folder on the computer as the original image of the lizards.



Once you save the template, you can exit this feature and select “File” and “New Custom Session”, and then select the template you just created. The template will appear, and you can then take measurements and enter frequency data into the software. When you go to interpret the colors shown in the image, you will be prompted to select the type of interpretation that applies to the template:



In the future, we plan to use a system where you can specify the interpretation type for each point that is created in the custom template. For now, however, you must select one type of interpretations and it will be used for all of the points. You can also print out the Custom Image by selecting “File” and “Print Current Image” or by using the Print Current Image button.

- **Interpret Current Image** – Use this function to create an Interpretation Report for Body, Brain and Custom Images; the image currently being viewed will be interpreted. Interpretation Reports include the Date and Time, and the name of the Subject and the Investigator, if specified in the Subject tab. Interpretation Reports are generated in HTML format, and are viewed in your operating system’s default web browser, where

they may be saved, copied and printed. Unless you are saving Interpretation Reports for a special purpose, it is not necessary to save the resulting HTML file, as it may be regenerated at any time and additionally, the file is automatically saved in a temporary folder within the software directory and can be viewed at any time, whether or not the software is open.



The Language menu is new to **RFI** Version 3.1. A user can now switch between different languages. The software currently comes with English and Spanish languages built in. Other languages, including German and Romanian, have been developed and are available on the **RFI** Investigators' website. There are three language "modules" that can be updated by ITEM at any time. When new languages are introduced, ITEM will post the language modules to the **RFI** Investigators' website. There any user can download the modules and overwrite the current modules on the user's computer. Then, the next time the user opens the software, the new language(s) will be displayed under the language menu. If the language is changed during use of the software and then the program is closed, the next time the program is opened the language in use prior to closing will be displayed.

Please note that the **RFI** Version 3.1 software has been written in a programming language known as Java. ITEM has learned that certain native operating systems (such as Spanish Windows XP) have problems with encoding Java-based applications. It is possible, for example, that the native operating system allows the user to create and save new images,

but does not allow the user to open previously saved files. Therefore, ITEM does not guarantee functionality of the language feature for all international versions of operating systems, although it has been tested and works well with all versions of English-based operating systems. If you encounter an error or have any problems with using a non-English language, please contact ITEM with the details of your problem, and ITEM will investigate and attempt to provide you with a solution.

Please also note that the software has not been designed for multiple changes in languages during a session. Changing languages repeatedly during a session may result in a system crash. If you change languages, it is recommended that you do so only once, before the session begins.



- **Contents** – Opens the Help Contents website for the **RFI** software. By clicking on Contents, you will be directed to ITEM's **RFI** 3.1 software help website, <http://www.item-bioenergy.com/rfi/software/help.html>. If you have dialup internet access, you may, depending on your system's settings, need to be connected to the internet before you can view the help website. In general, all of the information in the help website is already contained in this Technical Manual.

- **Aura Analysis Chart** – Use this chart for times when you are not near a computer. You can record frequencies on this chart for later input into the software program. A graphic file of this chart is also available on the **RFI** Investigators' website.
- **RFI Video** – Opens the **RFI** promotional video website at <http://www.item-bioenergy.com/rfi/software/video.html>. The video is approximately 27 minutes long, and is excellent for generating interest for your **RFI** sessions at public events. The **RFI** video was created by an existing **RFI** Investigator as an advertisement and infomercial for local television. In the future, ITEM will also have an instructional video to aid in learning the **RFI** system. Feel free to download this video for use on your computer or laptop (approximately 275 MB).
- **License Agreement** – You can view the **RFI** License Agreement at any time on ITEM's website at <http://www.item-bioenergy.com/rfi/software/license.html>.
- **RFI on the Web** – Connects you to the **RFI** home page, <http://www.item-bioenergy.com/rfi/index.html>. You may need to be connected to the internet (for dialup modems) or have a DSL connection or equivalent to properly connect.
- **About** – Opens a separate screen showing Copyright and Serial Number information.

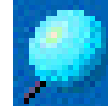
Toolbar (Shortcut Buttons)



New Session



Print Current Image



Point/Object Analysis



Open Aura file



View Body Image



Interpret Current Image



Save



View Brain Image



Help

Tabs

The screenshot shows the 'Data' tab selected in a software interface. It contains several input fields and a statistics section. The 'Frequency' field is set to 235.5, with a 'Units' dropdown set to 'MHz'. The 'Region' field is set to 6, and the 'Gold' field is set to Gold. The 'Statistics' section displays the following values: Mean (213.94), Minimum (144.5), Maximum (271.3), Standard Deviation (58.48130470500808), and Coefficient of Variation (0.2733537660325702).

Data Tab

The Data Tab is used for entering frequency data in the Body Image screen and the Point/Object Analysis screen. This screen can also be viewed when the Brain Image is the active screen, to view the frequencies associated with different regions of the brain.

Frequency – After you select a region in the Body Image (or Custom Template), type the numerical frequency (3rd displayed measurement, for example) into the field for Frequency. Round off to the nearest tenth; for example, if the measurement is 441.040, enter 441.0, or if the measurement is 441.890, enter 441.9. If you are in the Point/Object Analysis Screen, you do not need to select a region (there are no

regions to select).

Units – There are four choices for units: Hz, KHz, MHz and GHz. The default setting is MHz, since the RFI frequency counter takes measurements in MHz. If you used a different type of frequency counter with a different measurement range, you could change the Units.

Apply Frequency Arrow – Once you enter a Frequency, you can apply the frequency by clicking on the blue arrow or by pressing the Enter key on your keyboard. After applying the frequency to a region, the software will automatically convert the frequency to one of 15 colors.

Region – This field shows the region number in accordance with the region numbering system. You can skip to a particular region by typing in a number from 1 (lower left leg Health Level) to 40 (Third Eye Chakra). You can move forward and backwards to new regions by clicking on the orange arrows next to the region field. (You can also navigate through regions by clicking on a region with your mouse, and using the Tab key on your keyboard after applying a frequency). After applying a frequency to a region, the software will automatically move to the next region in the numbering system. A region is active when it is outlined in red.

Color Box – The name and color corresponding to the applied frequency is shown next to the region field.

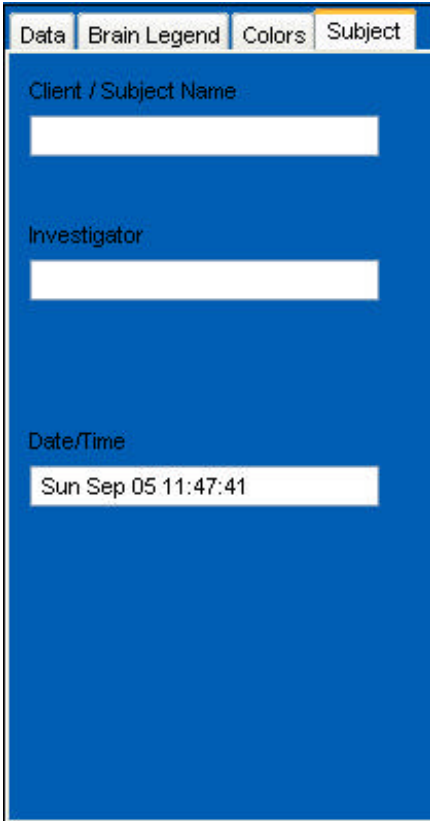


Region-Specific Comments – You may click on the “balloon graphic” to add comments specific to the region you are measuring; for example, “Subject is experiencing pain in the left ankle”.

Statistics – The Mean, Minimum, Maximum, Standard Deviation, and Coefficient of Variation are calculated and updated every time a new frequency is applied to the Body Image. Most users will not need to be concerned with these statistics, although they are useful for examining trends throughout a subject’s history of **RFI** sessions. For example, if a subject’s “Mean Frequency” is

relatively constant over time, it may be said that the subject is a “relatively stable personality” and have “stable health” (either “good” or “poor”, depending on how you would interpret this information). Conversely, if the subject’s “Mean Frequency” varies consistently, or if the Standard Deviation or Coefficient of Variation are relatively high, then in general the subject may be considered a “dynamic personality”, or be “psychologically or physically unstable”, again, depending on your assessment of a specific case. Statistics are discussed in additional detail in Section 5.0.

Subject Tab

The image shows a software interface with a blue background. At the top, there are four tabs: 'Data', 'Brain Legend', 'Colors', and 'Subject'. The 'Subject' tab is selected and highlighted. Below the tabs, there are three input fields. The first is labeled 'Client / Subject Name' and contains a white text box. The second is labeled 'Investigator' and contains a white text box. The third is labeled 'Date/Time' and contains a white text box with the text 'Sun Sep 05 11:47:41'.

The information you enter in the Subject Tab will be placed at the top of Interpretation Reports, and the client information will be included with Body, Brain, and Custom Image printouts.

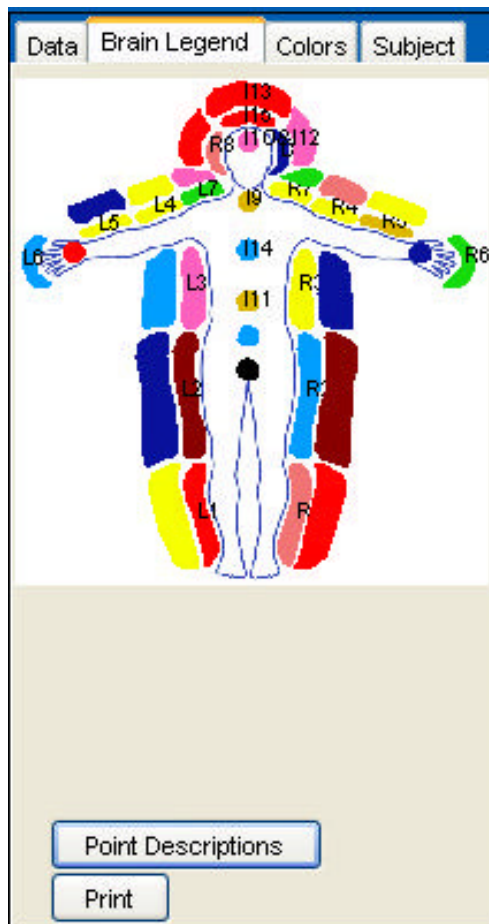
Client / Subject Name – Enter the name of the subject you are reading for the **RFI** session.

Investigator – Enter your name, or the name of the Investigator in charge of the **RFI** session.

Date/Time – The date and time should automatically populate from the date and time on your computer; if this does not occur, then you can enter the date and time manually.

Colors Tab

The Colors Tab shows a legend of all 15 colors used within the **RFI** program. You can print out the legend by pressing on the Print button at the bottom. This legend is provided so that you can, if necessary, match colors on the Brain and Body Image printouts with the proper colors, since the name of the colors are not printed with the Brain and Body Images. Most people will not need to print or use this legend.



Brain Legend Tab

The Brain Legend Tab shows the Body Image and how regions from the Body Image correspond to regions in the Brain Image. When you are viewing the Brain Image, you can see how the Brain Image is derived from the Body Image through principles of neurology and electrophysiology applied by ITEM. The region numbering is different between the Body Image and Brain Image, and the Brain Legend shows the numbering system for the Brain Image.

You can print out the Brain Legend by clicking on the Print icon. You can also view a description of which regions correspond to the Brain Image by clicking on the “Point Descriptions” button. Viewing the brain legend may be somewhat difficult for some because a large amount of information is needed within a small space; therefore, it may be easier to view and print out the table

that appears when the Point Descriptions button is pressed.

Additional Notes on the Point/Object Analysis Feature

As discussed above, the Point/Object Analysis feature is used when you are measuring bioenergies that do not conform to the human body template, or if you want to measure only one region of the Aura. If you believe that you will consistently take measurements of a particular object, area, space or animal, you may want to create your own image template and mark the points where you intend to take measurements. For example, if you were studying the bioenergy fields of a house over a period of time (or conducting readings on several houses), you may want to draw your own template of rooms within the house, and mark areas where you will take measurements with the frequency counter.

Here are the suggested steps for using the Point/Object Analysis feature:

- 1) Select the type of analysis desired by clicking the circle next to either “Psychological”, “Health”, “Brain States” or “Herbal/Botanical”.

Psychological Interpretations are best for:

- Paranormal investigations;
- Exploring the emotions of plants or animals;
- Analyzing bioenergy imprints in physical matter;
- Obtaining information about previous owners or users of an object; and
- Analysis of the brain waves or subtle energy in an area, room or open space.

Health Interpretations are best for:

- Analyzing the health of plants or animals; and

- Analyzing the potential effect of physical objects on human health.

Brain State Interpretations are used to determine the predominant brain state of a person, through measurement of the Third Eye Chakra (center of forehead).

Herbal/Botanical Interpretations are used for the measurement of trees, plants, crops, herbs and extracts.

- 2) Place the antenna in the area where you want to detect bioenergy and measure the frequency using either the Single Point or Single Pass method.
- 3) Type the frequency number into the **Frequency** field, then press Enter on your keyboard. The computer will display the color of the bioenergy frequency detected, followed by a general interpretation characterizing the bioenergy by its color.

Please note that with the introduction of the “Create New Custom Template” feature under the Tools menu, the usefulness of the Point/Object Analysis feature is somewhat diminished, and may be phased out of future versions of **RFI** software.

Final Notes

- 1) If you identify any errors or encounter any problems with use of the program, please email (Central@item-bioenergy.com) or call (1-888-304-ITEM) ITEM as soon as possible and provide as much detail as possible about the nature of the error or problem. Screen shots of the error message along with a detailed explanation of the steps you took to receive such an error would be appreciated. ITEM will research your problem and attempt to fix it as soon as possible.

- 2) Please check the RFI Investigators' website occasionally for available patches and updates to the software to fix minor errors, and for language module upgrades. You will be alerted of major software enhancements by email.

4.0 INTERPRETATION AND ANALYSIS OF BIOENERGIES

4.1 INTERPRETATION OF AURA AND BRAIN IMAGES

In reading this chapter, the most important concept to keep in mind is that **RFI is not a diagnostic system**; therefore the interpretations are necessarily reduced to general information. It is information that has proven to be quite accurate in many cases, but nonetheless the information is not condition-specific. ITEM has developed the interpretations from several years of trials, case studies, research and logical analysis that have served to correlate colors to various general Health and Psychological conditions. For example, the color red detected at a Health Level region generally indicates, "Biological malfunction or physical damage. May also indicate a pain response or pain sensation in the area of the bioenergy, with or without actual malfunction or damage. Generally unhealthy." The interpretation for the color red is not, for example, "indicates the presence of a malignant tumor" for an important reason – much more research is needed to correlate colors and frequencies with more specific conditions. In time, ITEM's research as well as the research of **RFI** Investigators like you may produce a database sufficient for more widespread clinical use. Until that time, however, use the **RFI** interpretations for what they are – generalized information that should be used in concert with other physiological and psychological data and best professional judgment to help you reach your opinion on a person's or patient's condition.

The interpretations are in most cases presented initially as a percentage breakdown of the color distributions in each of the sections. For example, if the color red was detected in two out of six regions in a particular section (such as the Cerebral Bioenergy Analysis), the color distribution would be 33% (2/6). Following the color distribution breakdown, each of the interpretations for the detected colors is presented. You can print out the Interpretation Report, copy and paste it into another program, or return to the Aura image at any time by pressing the Print, Copy or Close buttons in the bottom left and right corners. An Interpretation Report can be viewed and printed at any time during the creation of the Aura image; however, only those sections of the report will be

displayed in which all regions comprising the section have been completed. For example, if you elect to measure the Chakra system only, the Chakra section of the report will be the only section available for viewing and printing.

4.1.1 Colors and Interpretations

Once ITEM determined the 15 distinguishable colors of the visible light spectrum to use in the **RFI** software, and the frequencies associated with those colors, ITEM began the task of identifying technically accurate interpretations for those colors.

ITEM's color interpretation system was developed through logical analyses of relevant principles of physics and medicine, and through experimental observations. The logical part of our research consisted of extensive calculations and data analysis, focused on relating known medical and psychological data to potentially corresponding bioenergy frequencies, and on applying established principles of neuroscience and energy medicine to trace the flow of bioenergy throughout the human body. This logical approach gave us a rational scientific basis for developing experiments to confirm our hypotheses.

For the experimental part of our research, we performed numerous **RFI** readings on volunteers, some of which were in controlled experimental conditions, and compared the resulting interpretations based on our logical analyses to the actual physiological and psychological conditions reported by the volunteers. In this way, the interpretations were refined and improved.

This research was conducted over several years, and continues to this day. We routinely conduct reevaluations of the technical bases for the interpretation system, and make revisions or add new information when deemed appropriate. We are confident that the existing interpretation system is suitable for use in practice, and will serve you well. However, we also recognize that **RFI** has not been developed to its fullest potential, and we continually strive to increase the amount of

information that it can provide to scientists and health professionals. We know that there are many improvements to be made, and we continue to work with our Investigators as well as ITEM staff and consulting scientists to develop increasingly better calculations, detection methods, and interpretations. In other words, **RFI** does work, but it is still an experimental technology, and ITEM is actively working to develop a final version and generate documentation that will prove its usefulness in mainstream practice.

As of the writing of this Manual and current version of **RFI** software, ITEM's research has led to the development of the following practical, useful and general interpretations for detected bioenergy colors. The interpretation system consists of two separate categories: Psychological and Health interpretations. The **RFI** software uses Psychological interpretations for the Psychological Level, Chakra System, Cerebral Bioenergies, Integrated Brain Analysis, and Right and Left Brain analyses (prefrontal cortex only). The **RFI** software uses Health interpretations for the Health Level, Endocrine System, and Right and Left Brain Analyses (cerebral cortex).

COLOR	HEALTH INTERPRETATION	PSYCHOLOGICAL INTERPRETATION
Burgundy (Dark Red)	Increased biological activity in the form of Growth, regrowth or regeneration. Generally Healthy.	Material and Physical focus. Indicates mental activity related to survival issues, money, material objects, and the immediate physical environment. Related to instincts, basic human needs and desires.
Red	Biological Malfunction or physical Damage. May also indicate a Pain response or Pain sensation in the area of the bioenergy, with or without actual malfunction or damage. Generally Unhealthy.	Material and Physical focus. Indicates mental activity related to material self-gratification, accomplishment of material goals and ambitions. Subject's thoughts may involve power and status, desire for attention and acceptance from others, indulgence or luxury items.

COLOR	HEALTH INTERPRETATION	PSYCHOLOGICAL INTERPRETATION
Rose (Light Red)	Sensory stimulus is currently acting upon the effected area. Related to sensual and physical body experiences, physical comfort and enjoyable sensations of the body. Generally Healthy.	Sexual energy, Romance. Indicates physical and sensual desires or preoccupations, related to physical pleasures, sexual attraction, emotional and romantic fulfillment, or fun and entertainment.
Orange	Healing energy is currently acting upon the effected area. Immune system activity, and recovery. Generally Unhealthy at the moment, but positive prognosis, and making progress towards becoming Healthy.	Emotional Healing. Mental activity is related to resolving emotional issues, recovering from intense life experiences, and overcoming obstacles. Generally Healthy, but psychological support and psychotherapy are highly likely to be greatly beneficial.
Gold	Healing energy is emanating from an area that is already vital and healthy. This excess of healing energy projects outward to contribute healthy and healing energy to the environment, and other people, animals, plants and objects which come in contact with this bioenergy.	Healing Energy. Subject has abundance of healing bioenergy that is not burdened or inhibited by any personal emotional issues. This excess of healing energy projects outward to contribute healthy and healing energy to the environment, and other people, animals, plants and objects which come into contact with this bioenergy.
Yellow	Vitality, Neurological activity. Generally Healthy.	Happiness and well-being, with a healthy measure of balanced caution.
Green	The effected area is currently experiencing either a state of Increased Blood Circulation, or a situation where healthy neurological activity is causing an increase in blood circulation from an inhibited, unhealthy level, up to a healthy level.	Emotional energy, love and caring, can also be negative emotion or trauma. Subject is experiencing some emotional event or situation.

COLOR	HEALTH INTERPRETATION	PSYCHOLOGICAL INTERPRETATION
Cyan	Comfort and healthy biological activity in the circulatory systems, including blood circulation, respiratory, and lymphatic systems, and any fluid generating systems in the area of the bioenergy. Generally Healthy.	Emotional energy. Subject exhibits empathy and sensitivity to emotions of others, and is likely to be communicating or expressing their own emotions, either consciously or subconsciously.
Black	Overstimulation and stress of biological systems, organs or circulatory systems. Bioenergy in effected area is being used up or demanded by an environmental, behavioral or dietary situation, or a biological condition. Generally Unhealthy, especially if this bioenergy appears in the same area for extended periods of time. May be healthy in the sense of an appropriate adaptation and coping mechanism, if the presence of this bioenergy is temporary.	Passion, obsession, hatred, intense negative or destructive emotions.
Blue	Soothing energy or stimulus is currently acting upon the effected area. Related to physical comfort, relaxation or resting of muscles or organs. Generally Healthy.	Communication, perspective of reality, search for and expression of truth. Open-minded communication with good intentions.
Navy (Dark Blue)	Increased biological activity. Could be current functioning of metabolic systems, or certain organs or circulatory systems currently exerting extra effort. Generally Healthy, unless this bioenergy appears in the same area for extended periods of time.	Leadership. Expression of intellectual ideas which involve or influence material or social situations.

COLOR	HEALTH INTERPRETATION	PSYCHOLOGICAL INTERPRETATION
Purple	<p>There is a clear and direct Psychosomatic connection to the area of this bioenergy. Mental activity is currently influencing and controlling biological activity and physical health in this area. This indicates a very high probability of success using hypnosis, psychotherapy, meditation, or biofeedback to control or heal any health complaints or problems in the area of this bioenergy. Generally Healthy, but often indicates an area of pain or malfunction which has no purely physical cause, and can be easily corrected by working with the psychological factors.</p>	<p>Intellectual energy, clarity of thought, also academic activity or psychic ability.</p>
Orchid	<p>There is a clear and direct Mind-Body connection to the area of this bioenergy. The person has a positive and pleasant psychological association with the part of the body where this bioenergy is located. Events, actions, and therapies involving this area are highly likely to have a significant psychological impact upon the person. Also indicates that mental activity is currently influencing and controlling biological activity and physical health in this area. Generally Healthy.</p>	<p>Clarity of thought, psychic activity, understanding of truth. Subject may be currently participating in energy information exchange.</p>
Silver	<p>Strength, stability, and endurance in the area of the body where this bioenergy is located. Generally Healthy.</p>	<p>Protection, shielding from destructive energies, emotional balance, peacefulness, and stability.</p>

COLOR	HEALTH INTERPRETATION	PSYCHOLOGICAL INTERPRETATION
White	Pure, high-frequency electrofield energy is projecting from this part of the body. Indicates a discharge of bioenergy, usually in the form of excess biological energy or mental brain wave energy. This bioenergy indicates a static discharge of bioenergy as direct current, related to general emotional release, or release of bioenergy from physical stress.	Pure, high-frequency electrofield energy is projecting from this part of the body. Indicates a discharge of bioenergy, usually in the form of emotional release. May also indicate a mental or emotional state focused on life force energies, purity, and truth.

As a result of the diversity of subject matter covered by the above color interpretations, a complete **RFI** Aura image can reveal much important information about the mental, emotional, psychological and physical conditions of the subject.

Now that we have introduced this section by explaining the basis for interpreting the colors that can be detected in the Aura, we will now discuss the four components of the **RFI** software – the Psychological Level, the Health Level, the Chakra/Endocrine System, and the Brain – and how interpretations are automatically generated by the program.

4.1.2 **Psychological Level**

The Psychological Level interpretations, called the **Psycho-Personal Profile** in the interpretation report, consist of the following four sections:

- 1) *Left Body Bioenergy Analysis – Environmental Influences* – this section examines the seven regions that comprise the left side of the Psychological Level (4-18 inches from body) that are influenced by environmental energies: lower left leg, upper left leg, left torso,

left hand (palm), lower left arm, upper left arm, and left side of neck.

- 2) *Right Body Bioenergy Analysis – Behavioral Patterns* – this section evaluates the seven regions that make up the right side of the Psychological Level (4-18 inches from body), which indicate the energies projected by the subject into the environment: lower right leg, upper right leg, right torso, right hand (palm), lower right arm, upper right arm, and right side of neck.
- 3) *Cerebral Bioenergy Analysis – Predominant Thoughts* – this section looks at five regions surrounding the subject's head as an indicator of predominant thoughts. These regions include the left, right, and top of the head in the Health Level (0-4 inches), and the left and right sides of the head in the Psychological Level (4-18 inches). All regions are evaluated using the Psychological Level interpretations because the Aura field around the head consists almost entirely of brainwave energies, which generally reveal a person's psychology. However, the regions 0-4 inches from the right and left sides of the head are also used in the Health Level Analysis (discussed in **Section 4.1.3** below), because these energies also consist of EM waves radiating from the head and brain as a function of their physiological status. The top of head, Psychological Level (Crown Chakra) is not used for this set of interpretations because research indicates that energy-information detected in this location is more associated with personal /spiritual characteristics rather than thoughts.
- 4) *Chakra Bioenergy Analysis – Personal Characteristics* – this section of the interpretations examines the seven Chakras, which include the six regions placed along the central axis of the body and the Crown Chakra (top of head in the Psychological Level). Further information on these interpretations is presented in **Section 4.1.4** below.

In the "right-left brain" phenomenon of selective lateralization of hemispheres of the brain, the left brain is predominantly active, and tends to project energy, while the right brain is predominantly

receptive, and tends to receive and be sensitive to energy. Since the right brain is neurologically connected to the left side of the body, and the left brain is neurologically connected to the right side of the body, the two sides of the body can give us different information about the condition of the subject. Therefore, when we analyze the Psychological Level of the human Aura, it is necessary to interpret the bioenergies in the context of which side of the body in which they are detected.

It is important to remember that since the Aura images are measured from the front, the right side of the body appears on the left side of the chart - in other words, on the left side from the observer's perspective - as in a frontal photograph. Likewise, when measured from the front, the left side of the body appears on the right side of the chart, from the observer's perspective. Accordingly, reference to the right or left side of the body in this discussion refers specifically to the side of the physical body of the subject itself, from the perspective of the subject.

The left side of the body, connected to the right hemisphere of the brain, reveals how the subject experiences or perceives the world, or which subtle energies the person is receiving from his or her social environment. Left body bioenergies generally consist of energy-information imprints from the predominant energies in a person's environment, to which the person is the most strongly or frequently exposed. This may also indicate a propensity or tendency to receive and absorb the detected bioenergies, or an inherent sensitivity to such energies. In other words, the bioenergies on the left side of the body indicate the subtle energies that are affecting the person the most, and the energies that the person is receiving or absorbing. This can tell us much about the person's social environment and life situation. Comparing this information with the bioenergy detected around the head will reveal how the person is reacting to their general situation or environment.

The right side of the body, connected to the left hemisphere of the brain, reveals how the subject interacts socially, or which bioenergies the person contributes or transmits back into their environment. Right body bioenergies generally influence the way others perceive and respond to

the subject. They indicate the subject's current reactions to present situations, and predominant habits or behaviors for interacting with his or her environment. In other words, the readings on the right side of the subject's body indicate the energies which the person projects outwards the most, which tells us how the person behaves and functions, and how other people may perceive them and respond to them.

When considering the right and left sides of the Psychological Level Aura, it is especially helpful to identify the color of bioenergy coming from the palms of the hands. The hands are the primary channels for inflow and outflow of electrical energy impulses through the ulnar and radial nerves, so they are the most revealing about how the person interacts with the outside world.

When measuring the left side of the person's Psychological Level to identify what energies in the environment are affecting the person, and the right side of the person's Psychological Level to identify what energies they are projecting into their environment to affect other people, the bioenergy colors found at the hands are more significant, and should have more weight in your interpretation, than the other bioenergy colors on the same side of the body.

The regions of the bioenergy field around the head consist of electromagnetic brainwaves and other mental information energy. These regions reveal some inherent characteristics of the person, such as their predominant thoughts or preoccupations. Since this area contains primarily brainwaves, which are stronger in this area than any parasympathetic nerve emanations, the right-left brain rule discussed above does not apply. In this case, the bioenergies on the left side of the head simply show left brain activity, and the bioenergies on the right side of the head show right brain activity. The regions on top of the head show integrated brain activity, using both hemispheres.

For those more interested in metaphysics, it is interesting to note that the brain serves as a channel and amplifier for the energies of the Causal and Ethereal Bodies, allowing our Higher Self

to function and have material consciousness through our physical body. Thus, it can be said that all thoughts come from the metaphysical (electrical) entity, which is our Higher Self. These higher Aura Bodies then act upon the brain to create electrical impulses that are amplified and organized within the brain, with the result of controlling the physical body.

4.1.3 Health Level

The Health Level interpretations, called the **Health Level Analysis** in the interpretation report, consist of the following two sections:

- 1)** *Physiological Analysis* – this section considers all 17 Health Level regions (0-4 inches), including the lower left leg, upper left leg, left torso (hip/pelvic area), left hand (top of hand), lower left arm, upper left arm, left side of neck, left side of head, top of head, right side of head, right side of neck, upper right arm, lower right arm, right hand, right torso, upper right leg, and lower right leg.

- 2)** *Endocrine System Analysis* – this section presents Health Level interpretations for the seven endocrine system glands that exist at the Chakra points, including the ovaries/testes (Base Chakra), adrenal medulla (Sacral Chakra), pancreas (Solar Plexus Chakra), the adrenal cortex/anterior pituitary/thyroid glands (Heart Chakra), the thyroid/parathyroid glands (Throat Chakra), the pineal body (Third Eye Chakra), and the anterior pituitary (Crown Chakra). This section is presented because the Chakra points provide both Psychological and Health Level energy-information.

The Health Level of the human Aura, radiating 0-4 inches from the physical body, consists of the electromagnetic resonance from neurological activity originating in the brain, combined with electromagnetic field energy transmitted from the various areas of the body. The colors of bioenergy detected in each region of the Health Level reveal information about conditions in the

specific region where each color is found. In other words, in the Health Level, there is no association to the corresponding opposite side of the brain, because the Health Level contains bioenergies based purely on biological function, and cannot be interpreted using principles of psychology or psychobiology. Therefore, when a bioenergy color is detected in a specific region of the Health Level, it simply means that the detected bioenergy is physically present in the corresponding proximate area of the physical body.

4.1.4 Chakra/Endocrine System

The Chakra system interpretations are included in the **Psycho-Personal Profile** under the heading *Chakra Bioenergy Analysis – Personal Characteristics*, and in the **Health Level Analysis** under the heading *Endocrine System Analysis*. The Chakras are bioenergy vortexes located at fixed points along the spinal column, which radiate energy-information related to the activity of corresponding endocrine glands. In accordance with the known functions of the endocrine glands, each Chakra represents a category, or sphere, of the subject's life. The color of bioenergy found in each Chakra region reveals events and conditions in that category of the person's life.

Chakra bioenergies tend to project outwards, penetrating all levels of the Aura. Therefore, regardless if the antenna is in the Health Level (0-4 inches from the body) or the Psychological Level (4-18 inches), as long as the antenna is in front of a Chakra point, it will detect Chakra bioenergies. The frequencies detected at Chakra points can have two separate meanings– core personal characteristics on the Psychological Level, and the physiological condition of the endocrine system on the Health Level. Each of these analyses is discussed further below.

Chakra Bioenergy Analysis – Personal Characteristics

The Chakras are the key to understanding some of the more personal characteristics, internal events and emotional bioenergies of a person. The Chakras are traditionally considered to have

“natural” color frequencies related to the frequency of activation of the corresponding endocrine glands. Thus, when the Chakras are “balanced” or “harmonized,” they have default bioenergy colors based upon their natural color frequencies, in the natural order of the prismatic colors of refraction: red, orange, yellow, green, blue, purple, and orchid (from bottom to top).

However, considering that the corresponding endocrine glands are very responsive to the emotional and psychosomatic states of a person, the traditional colors associated with each Chakra are merely theoretical. In other words, in practice, **RFI** users rarely find that the Chakra points are “balanced,” and instead find other colors in the point where the “natural” color was theoretically supposed to be. For example, the Heart Chakra, which is theoretically green by default, may be radiating orange energy. This does not in any way invalidate the scientific data explaining the significance of the color green (or orange), as derived from its naturally corresponding endocrine position. Such a reading simply means that orange energy is predominant in the emotional or mental topic or subject defined by the green energy that defines the heart position. In other words, **the theoretical default colors that correspond to the Chakra points define the category (or sphere) of emotional or mental activity that is explained by the bioenergy color actually detected at each Chakra point.**

The categories of emotional and mental activity defined by the default color of each Chakra point, as determined through over three years of experimental and clinical testing at ITEM are as follows:

Chakra Point Categories:

The bioenergies found in these regions reveal situations and events in the corresponding category (or sphere) of the person’s life.

- **Base/Sex** (Default: **Red**) – Sexuality, self-identity, and most predominant physical or material focus.

- **Sacral** (Default: **Orange**) – Physical vitality and healing, both emotional healing and physical healing, issues which need to be healed or resolved.
- **Solar Plexus** (Default: **Yellow**) – Calmness or nervousness, factors which are influencing or affecting emotional stability.
- **Heart** (Default: **Green**) – Deep emotions and emotional satisfaction or dissatisfaction, usually in the area of romance, subject or focus of strongest emotions.
- **Throat** (Default: **Blue**) – Primary issues or focus of communication, both expression and listening.
- **Third Eye** (Default: **Purple**) – Clairvoyance, sensitivity, intuition, and intellectual activity, predominant mental activity.
- **Crown** (Default: **Orchid**) – Spiritual development, spirituality, and universal consciousness.

Having set forth the categories, understanding that the actual color detected at a Chakra point modifies and explains the emotion or mental activity in the category defined by the theoretical color of that point, a few examples will help illustrate this concept. To present an example of the method of interpretation, without generating excessive volumes of text, we will now interpret only the colors blue and orange as detected in each of the seven Chakra/endocrine points currently used in **RFI**.

BASE/SEX (RED): The color blue (related to communication and openness), found in the base Chakra (expected to be red), means that the person's deepest identity is being a communicator, and that their physical focus is on some expression or medium of communication. Since the Base Chakra is also a position of sexuality, the color blue in this location may also indicate openness in

sexuality.

The color orange (related to healing), found in the same Base Chakra, means that the person's deepest identity is being a healer, and that their physical focus is on some method or practice of healing. It may also indicate that the person is currently experiencing emotional healing in sexual issues.

SACRAL (ORANGE): The color blue, found in the Sacral Chakra, means that communication issues need to be, or are now being, healed or resolved. To put it differently, communication energies are currently acting to heal some issues, or, communication skills are serving as a means or medium of healing.

The color orange found in this location where orange is expected to be simply means that the energies in this category are balanced, so there are no special events or situations, and no interference with the free flow of healing bioenergies.

SOLAR PLEXUS (YELLOW): The color blue, found in the Solar Plexus Chakra point, means that communication issues affect the person's calmness or nervousness. This could be a frustration with lack of communication in a relationship, or equally that good communication is making the person calm and comfortable.

The color orange in this same position means that health and healing issues affect the person's calmness or nervousness.

HEART (GREEN): The color blue, found in the Heart Chakra, means that the person has open expression and communication of their emotions, and also that their emotions are focused on communication issues.

The color orange in this same position means that the person is experiencing a healing of emotions, and also that their emotions are focused on their healing issues.

THROAT (BLUE): The color blue found in this location where blue is expected to be simply means that the energies in this category are balanced, so there are no special events or situations, and no interference with the free flow of communication bioenergies.

The color orange, found in the Throat Chakra point, means that healing energy is acting upon communication issues, and also that healing may be a primary subject of communication.

THIRD EYE/PINEAL (PURPLE): The color blue, found in the Third Eye Chakra point, means that the predominant mental activity of the person is communication. This also indicates an openness and communication of intellectual and psychic energy.

The color orange, found in this same position, means that the predominant mental activity of the person is focused on healing, and also that there is a healing of intellectual and psychic issues.

CROWN (ORCHID): The color blue, found at the Crown Chakra, indicates that communication issues influence intellectual and mental activities of the individual. The presence of blue in the Crown Chakra may indicate that the person becomes intellectually stimulated when communicating with others. It may also indicate that the person is transmitting or receiving psychic thoughts or energies from a specific person or group (i.e., communication).

The color orange, found in the Crown Chakra, reveals that the person's highest purpose or predominant intellectual priorities pertain to healing issues.

General Rule: As a general rule, the actual detected bioenergies (identified by their color frequency) are considered to be acting upon the subjects and issues identified by the category of

the Chakra position where the color is detected. In other words, **the detected Chakra bioenergies are generally acting upon the category**. This is an easier and simpler rule to help you improvise in your interpretations.

Note: Many ancient philosophies and traditions teach about Chakra centers being located at feet. Some metaphysical practitioners have noted that the feet are not specifically measured in the **RFI** process, and not accounted for by the custom charting software. The experimental research by ITEM has shown that the feet always emanate the same bioenergy color frequency as the Base Chakra, with such regularity that we have taken it to be a rule. Therefore, any practitioners who wish to consider energies from the feet may use the “Point/Object Analysis” function of the software, or simply use the same color bioenergy that was detected in the Base Chakra.

Endocrine System Interpretation

While the Chakra bioenergies reveal core personal characteristics and are interpreted using the Psychological Level color interpretations, these bioenergies also have some interpretive health value. The Chakra points radiate energy-information related to the activity of corresponding endocrine glands, and the condition and activity of the endocrine glands play a major role in affecting even the psychological measurements of the human Aura. Accordingly, it can be considered that the bioenergies detected in the Chakra regions indicate those bioenergies that are currently emanating from, influencing, or acting upon the corresponding endocrine glands. Remember, only one measurement needs to be taken for each Chakra point, by placing the antenna approximately 12 inches from that point, but this measurement provides not only energy-information on the Chakras, but also on the endocrine system.

The endocrine glands that correspond to the Chakra points are as follows:

Base – Ovaries and Testes

Sacral – Adrenal Medulla

Solar Plexus – Pancreas

Heart – Adrenal Cortex, Thyroid, and Anterior Pituitary

Throat – Thyroid and Parathyroid glands

Third Eye – Pineal Body

Crown – Anterior Pituitary

The Health Level condition of these glands is revealed through the interpretation report in the Health Level Analysis – Endocrine System Interpretation section.

4.1.5 **Brain Analysis**

The Health Level, Chakras, and Cerebral (head) regions are used to develop the Brain Image, using principles of neurology and energy medicine. The Brain Analysis is divided into the following sections:

1) Right Brain Analysis (Health Level Interpretations for All Except Prefrontal Cortex)

- a) Cerebral Cortex** – the cerebral cortex is the outer covering of the cerebral hemispheres consisting mostly of nerve cell bodies and branches, which is involved in functions such as thought, voluntary movement, language, reasoning, and perception. The right and left sides of the cerebral cortex are connected by a thick band of nerve fibers (corpus callosum). For the Right Brain Analysis interpretation, motor control of the Health Level left side of the body is traced to the right cerebral cortex.

For the Right Brain Analysis interpretation, motor control of the Health Level lower left leg (**Right 1 (R1)** in the Brain region numbering system), upper left leg (**R2**), left torso

(**R3**), upper left arm (**R4**), lower left arm (**R5**), left hand (**R6**), and left neck/shoulder (**R7**) is traced to the right cerebral cortex.

- b) Prefrontal Cortex** – the prefrontal cortex is the most anterior region of the frontal cortex; involved in problem solving, emotion, and complex thought. It is the region controlling cognitive functions and information processing, related to the hormone dopamine, which balances and controls the rate of information processing. It contains energy information that is transmitted through brainwaves.

For the Right Brain Analysis interpretation, the right side of the head on the Health Level (**R8**) indicates the brainwave energies transmitted from the right prefrontal cortex. Unlike the cerebral cortex, which is understood using Health Level interpretations, the **RFI** software uses Psychological Level interpretations for the prefrontal cortex since this area is a primary source of brainwaves.

2) Left Brain Analysis (Health Level Interpretations for All Except Prefrontal Cortex)

- a) Cerebral Cortex** – for the Left Brain Analysis interpretation, motor control of the Health Level lower right leg (**Left 1 (L1)** in the Brain region numbering system), upper right leg (**L2**), right torso (**L3**), upper right arm (**L4**), lower right arm (**L5**), right hand (**L6**), and right neck/shoulder (**L7**) is traced to the left cerebral cortex.

- b) Prefrontal Cortex** – for the Left Brain Analysis interpretation, the left side of the head on the Health Level (**L8**) indicates the brainwave energies transmitted from the left prefrontal cortex. Psychological Level interpretations (as opposed to Health Level interpretations for the cerebral cortex) are used since the prefrontal cortex generates brainwaves.

3) Integrated Brain Analysis (Psychological Level Interpretations for All Regions)

a) Cerebral Cortex – for the Integrated Brain Analysis interpretation, motor control of the throat region (**Integrated 9 (I9)** in the Brain region numbering system) can be traced to two areas in the cerebral cortex. Since both right and left sides of the cerebral cortex control the throat region (which is measured at the Throat Chakra point), the throat region is presented in the Integrated Brain Analysis interpretation.

b) Visual Cortex – the visual cortex is located in the occipital lobe (posterior lobe of the brain), and is the region of the brain that receives visual information from the optic nerves, and processes visual information including mental imagery.

For the Integrated Brain Analysis interpretation, the Third Eye Chakra (**I10**) indicates the type of energy-information that is being transmitted or received by the visual cortex. This energy-information is not necessarily related to optic nerve transmissions that result from light entering the physical eye, but is more indicative of energy-information in the form of mental imagery.

c) Cerebellum – a structure located in the back of the brain involved in central regulation of movement, such as basic movement, balance, and posture.

For the Integrated Brain Analysis interpretation, the Solar Plexus Chakra (**I11**) indicates the type of energy-information that is being transmitted or received by the cerebellum. The basis for the association between the cerebellum and the Solar Plexus Chakra is that both the cerebellum and Solar Plexus Chakra function in the balance or stability of the individual.

d) Pineal Body – according to one medical dictionary, the pineal body (gland) is defined

as “A small, reddish gray, vascular, conical body of rudimentary glandular structure found in the brain and having no known function.” However, the pineal body is well understood by energy medicine and psychological practitioners to function in the transmission and reception of electromagnetic waves, and regulation of the hormone melatonin.

For the Integrated Brain Analysis interpretation, the Third Eye Chakra (**I12**) indicates the type of energy-information that is being transmitted or received by the pineal body. The pineal body is the corresponding endocrine gland to the Third Eye Chakra, and is considered to be transmitting or receiving the same types of energy-information as the visual cortex because the pineal body and visual cortex are in the same direct neuron pathway.

- e) Pituitary Gland** – the pituitary gland is a small endocrine gland with anterior and posterior lobes located at the base of the skull that secretes hormones involved with urinary, reproductive and growth processes. It is sometimes called the master gland of the body because all the other endocrine glands depend on its secretions for stimulation.

For the Integrated Brain Analysis interpretation, the Crown Chakra (**I13**) indicates the type of energy-information that is being transmitted or received by the pituitary gland. The Crown Chakra is considered the “master energy center” because all of the individual’s highest personal characteristics theoretically reside there, which correlates to the master regulatory function of the pituitary gland.

- f) Limbic System** – the limbic system is a group of brain organs including the thalamus, hypothalamus and hippocampus that are important for controlling emotions and memory.

For the Integrated Brain Analysis interpretation, the Heart Chakra (14) indicates the type of energy-information that is being transmitted or received by the limbic system. The Heart Chakra is the key center for the influx and outflow of emotional energies through the individual.

- g) Parietal Lobe** – the parietal lobe is located behind the frontal cortex, and is involved in sensory perception and in memory and self-awareness. The parietal lobe is a brain center that transmits brainwaves.

For the Integrated Brain Analysis interpretation, the Health Level top of head (15) indicates the type of energy-information that is being transmitted or received by the parietal lobe.

For most **RFI** Investigators, the Brain image and its interpretations will not be as useful as the Aura image and its resulting interpretations, because only select Aura regions are used to develop the Brain image. From a physiological perspective, the Brain image and interpretations can be valuable when, for example, these are compared to a medical image such as a CAT scan to supplement diagnoses of the brain. However, the Brain image and interpretations (like the Aura image and interpretations) cannot be used as the sole basis for a medical diagnosis.

The Brain Legend tab shows the correlation between the Body Aura Image and the Brain Image. The region labels appear small on the screen, but when printed can be viewed much easier. By pressing the balloon graphic below the Brain Legend tab, you can access a chart showing these correlations.

4.2 **GOING BEYOND THE RFI INTERPRETATION REPORTS**

RFI interpretations provide you with a basic overview of the current states of a person's emotional, psychological and physical well-being. When you finish the **RFI** reading and show the subject the images and interpretations, you will usually want to describe how this information specifically applies to him or her. Some **RFI** Investigators already have an intuitive sense about how to apply the general interpretations more specifically to the subject, especially those who are in the medical profession or alternative healing fields. However, if you don't currently have this intuitive sense, don't worry because such skills can develop with experience. The concept of describing **RFI** images and interpretations to others is much like looking at a chart generated by a biofeedback device or piece of medical imaging equipment, like a CAT scan. You need to examine the data you have in front of you and interpret it so that the subject can understand.

In this section, we will present an example **RFI** reading and briefly discuss the ways to interpret the Aura images and interpretations, beyond the capabilities of the software. In other words, we will try to demonstrate how to use "professional judgment" in evaluating **RFI** results; the best results come not from a machine or a system, but through use of interpretive skills and professional judgment of practitioners like you.

Let's imagine that you have just performed a full Aura reading, and generated the following image:



From the interpretation reports, we can make some preliminary observations about the condition of this person at this particular snapshot in time:

1. Psycho-Personal Profile

a. *Left Side Bioenergy Analysis – Environmental Influences*

- Two out of seven regions are red – the person is receiving materialistic energies from environment, or is around others who may be self-centered or materialistic.

- Three out of seven regions are gold– the person is also receiving an abundance of healing energy from a source in his or her environment, and these are the predominant energies received by the person from the environment.
- The palm of the left hand is yellow, indicating that the subject is receiving much happiness and well-being from the environment he or she is currently in.
- Rose is also detected, which may reveal energies received of a romantic or sexual nature.

b. *Right Side Bioenergy Analysis – Behavioral Patterns*

- Two out of seven regions are blue, indicating that the person projects energies of a communicative and expressionistic nature.
- Cyan is being projected from the right hand, indicating that empathetic and emotional energies are the dominant energies that the person is projecting.
- Three of the regions are green, further emphasizing that the person is projecting strong emotional energies. The nature of those emotions is still unclear, however.
- One region is burgundy, meaning the person is also projecting energies relating to physical and material focus.

c. *Cerebral Bioenergy Analysis – Predominant Thoughts*

- The person's predominant thoughts are those that are intellectual or philosophical (purple detected twice), materialistic (red), healing (orange), and communicative (blue) in nature.

d. *Chakra Bioenergy Analysis – Personal Characteristics*

- The Base Chakra is yellow, which likely means that the person is content with his or

her physical and sexual circumstances.

- The Sacral Chakra is blue, indicating that currently the person finds healing through communication and expression.
- The Solar Plexus Chakra is green, indicating that love energies best ensure the person's emotional balance and stability.
- The Heart Chakra is green (balanced), revealing the clear emphasis that emotional energies are currently having on the person's well-being.
- The Throat Chakra is navy, which reflects the intellectual or leadership qualities of the energies the person is communicating.
- The Third Eye Chakra is orchid, which means that the spiritual pursuit of ideals and higher truths is of great interest to the person.
- The Crown Chakra is orchid, meaning that the person has reached an elevated state of spiritual development.

2. Health Level Analysis

a. *Physiological Analysis*

- Red is present at the upper right arm, lower right arm, and upper left arm, which indicates the presence of pain or biological malfunction at these areas, although it is not clear what the source of the pain or malfunction is at this point, or if the person is currently experiencing the pain.
- Gray/black is present at the left and right torso regions, suggesting that there is some kind of stress or overstimulation at these areas, though we do not know the source of these ailments right now.
- There are currently healing energies (orange) acting upon the left side of the head and the upper left leg, or increased immune activity in those regions.
- The remaining areas of the body can be considered healthy, as we can observe

physical comfort (blue at the lower left leg, lower right leg, right hand, and right side of head), psychosomatic connection (purple at the lower left arm), healthy biological or neurological activity (cyan at the left neck/shoulder and yellow at the right neck/shoulder), and improved blood circulation (green at upper right leg and left hand).

b. Endocrine System Analysis

- All endocrine glands located at Chakra points appear to be operating at healthy levels without stress, as we find yellow at the genital region (vitality), blue at the kidney/adrenal medulla (soothing, comfort), green at the pancreas (increased blood flow or hormonal output), green at the glands associated with the Heart Chakra (increased hormonal secretion), blue at the thyroid and parathyroid glands (comfort, normal levels of secretion), orchid at the pineal body (meaning the pineal is active and participating in energy-information exchange), and orchid at the anterior pituitary (this could indicate that anterior pituitary is active as it is responding to person's intellectual or spiritual thoughts).
- The presence of green at the Chakra points corresponding to the pancreas and Heart Chakra glands seem to reveal an increase in hormonal output, which may be in response to pain or biological malfunction in Health Level regions.

We now have developed some preliminary observations on this Aura image. At this point you basically have two options: 1) explain the image and interpretation to the subject based on your preliminary observations, or 2) use professional judgment to make more detailed conclusions (or more correctly, "educated guesses") on the condition of the subject.

The decision is yours; however, you will likely find that once you acquire a certain level of experience in using **RFI**, you will automatically choose the second option, and intuitively make

some conclusions based on the **RFI** interpretations. There is one thing to remember about professional judgment – as long as you do not make your interpretation sound like a diagnosis, and advise the subject that you are making educated guesses, you cannot go wrong.

Here is one way to approach a detailed interpretation for the Aura image discussed above (but by no means the only way):

Emotional/Psychological Condition of Subject

It appears that there are two predominant types of external energies that are influencing this person: 1) a source of strong healing (significant presence of gold in left side Psychological Level), and 2) a source of material-oriented physical-bound energies (red). However, these material-oriented energies do not appear to significantly affect the person's psychological well-being, considering: 1) the lack of red in the Chakras and right side Psychological Level, and 2) the predominance of intellectual and/or spiritual energy-information around the head and at the Crown Chakra. In other words, despite energies that some may consider negative or detrimental in the person's environment, the person does not seem to be affected, as he or she has his or her mind focused on other matters.

The predominance of blue and green in the right side of the Psychological Level indicates that this person is a strong communicator, and likely communicates his or her message with great enthusiasm and emotion. The presence of orchid at the Third Eye and Crown Chakras indicates the person may be involved with pursuits of a high spiritual and intellectual nature, and is likely attuned to higher metaphysical energies (i.e., orchid or white at these "higher" Chakras usually indicates a person who has found or is on his or her way to finding their spiritual path, and is now in search of higher truths).

We can make the educated guess that this person is an artist, a philosopher, a professor, or

perhaps even a minister, who has devoted his or her life work to understanding higher truths and effectively communicating what he or she has learned through artistic expression or the written or spoken word. The person receives a mixture of love and encouragement and materialistic pressure from people in his or her environment, but generally chooses to ignore any negative influences. The materialistic pressure may not arise from a person in particular, but perhaps society in general, as in the case of an artist who receives pressure to make marketable work to survive, but chooses to make artwork to fulfill a higher purpose the first priority.

Health Level Analysis

The presence of gray/black at both the left and right sides of the torso seems to indicate stress at those regions, although a more definitive statement cannot be made without a follow-up **RFI** reading. However, the presence of stress in the lower abdominal or hip/pelvic area seems to be verified by the increased activity of the pancreas, adrenal cortex, thyroid and anterior pituitary glands (green at the Solar Plexus and Heart Chakras), which respond to biological stressors by increasing hormonal output. A different interpretation could probably be made if the left and right torso regions were, for example, blue, but the presence of green at endocrine glands coupled with gray/black or red in neighboring Health Level regions can be considered a sign of possible stress or damage.

Increased blood flow and immune activity in the upper legs (thighs) reveals that any stress in those areas is currently alleviating itself. Red encompasses the entire right arm and the upper left arm. When red is observed on the Health Level you may want to pose a question such as, “are you experiencing any pain in your arms?” or “have you ever had an injury to your arms?” In many cases, you will receive an affirmative response when red is present in those regions. In cases where the answer is not affirmative, it may be an indicator of some illness or injury that has not yet manifested itself physically; ITEM has observed this phenomenon sometimes, as it appears that physical illnesses and injuries can be detected through a person’s Aura even before any effects

are physically experienced. In such cases, offering advice such as, “you may want to keep an eye on this area,” or “you may want to have this checked by your physician” can be appropriate.

The exercise we just performed here is very similar to the exercises that “intuitive energy healers” perform by analyzing conditions of the Aura through vibrational exchange, often done with the hands. The difference, of course, is that when you base your interpretations on **RFI** readings, you are using the tools of objective science and rationale, while most people would consider “intuitive energy diagnoses” entirely subjective. Don’t be surprised if you shock your subjects with how much you “know” about them just through interpretation of an **RFI** reading. The skill of “advanced interpretation” almost always comes automatically through repetition and experience. Further interpretive discussions are provided in ITEM’s Aura Imaging Workshop in **Section 7.0**.

The important thing to keep in mind is that “what is there, is there” – or in other words, the colors that you detect with **RFI** are the predominant colors at that time, and they are present for a reason. You do not have to pose yourself as an expert who will reveal all the hidden truths of your subject or client. Your role is, in essence, to guide the subject to personal growth through facilitating the interpretation of his or her Aura. Asking lead-in questions such as, “You seem to be projecting strong healing energies by the presence of Gold on the right side Psychological Level– does this make sense to you?” will be most effective.

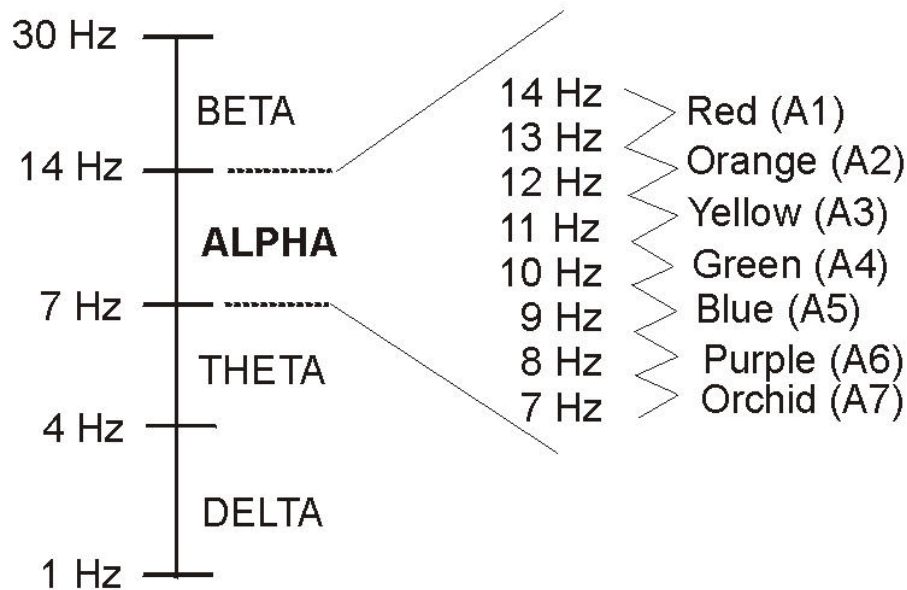
4.3 **ADDITIONAL APPLICATIONS**

4.3.1 **Brain States**

RFI Investigators have sometimes questioned ITEM on the use of **RFI** for determining brain states. Brain states generally identify the level of consciousness of the person, and are measured through the electrical activity of the brain. Electrical activity typically cycles through the brain at a rate that can be measured using technology such as an electroencephalogram (EEG). The unit of

measurement for this rate is cycles per second (CPS), which is fundamentally the same unit as Hz. However, **RFI** cannot directly measure CPS of the brain because the electrical activity is internal to the brain, and **RFI** can only measure EM waves that travel through the air.

Frequencies (cps) of the Human Brain and Sub-Frequencies of Alpha State



Four brain states are typically recognized – Beta, Alpha, Theta and Delta. Beta state can be considered, “normal waking consciousness,” between 30 CPS (or Hz) and 14 CPS. Alpha state is the brain state usually associated with moderate to deep meditation, between 14 CPS and 7 CPS. Theta state is usually considered deep sleep (between 7 and 4 CPS), while Delta state is very deep sleep (between 3 CPS and 1 CPS).

Although RFI cannot directly measure brain states, ITEM has developed an indirect method for determining the predominant brain state of the person based on the color that is

present at the Third Eye Chakra (Pineal Body). A person's predominant brain state is the state (frequency range) at which their brain operates most of the time during normal waking hours, as a primary and natural level of consciousness, although most occasionally enter into other states of consciousness at certain times. The Third Eye Chakra is used because the Pineal Body is the master regulator of consciousness. Simply place the antenna at the Third Eye Chakra (approximately 12 inches from head), enter the detected frequency into the Frequency Data field of the **Point/Object Analysis** function (be sure to have the button next to Brain States checked), and press the Enter key. The frequency will be converted to a color and predominant brain state with an interpretation in accordance with the following table:

Color	Brain State	Frequency Range	Interpretation
Burgundy (Dark Red)	High Beta State	30 – 22 CPS (Hz)	Active or stimulated state of waking consciousness characterized by mental alertness and physical activity.
Red	Low Beta State	22 – 14 CPS	Normal self-motivated state of waking consciousness characterized by mental alertness and physical activity.
Rose (Light Red)	Level 1 Alpha State	14 – 13 CPS	Active state of deeper consciousness connected with the subconscious mind. The beginning of creativity, relaxation or meditation.
Orange	Level 2 Alpha State	13 – 12 CPS	Active state of deeper consciousness characterized by enhanced connection with one's emotions and subconscious mind. The condition of deeper relaxation, and more controlled meditation.
Yellow	Level 3 Alpha State	12 – 11 CPS	Passive state of deeper consciousness characterized by inner peace and euphoria, combined with a preparedness to react to external stimuli. Preparation to enter deeper levels of consciousness for more focused meditation.

Color	Brain State	Frequency Range	Interpretation
Green	Level 4 Alpha State	11 – 10 CPS	Passive state of deeper consciousness characterized by pure emotion as a result of fully opening the subconscious mind. Highly focused meditation, dealing with one's most powerful emotions in preparation for entering deeper levels of consciousness.
Cyan	Level 4 / 5 Alpha State	11 – 9 CPS	Unstable altered state of consciousness where subject is fluctuating between the processing of emotions from the subconscious and efforts to connect with universal energy information. May indicate subconscious distractions or anxieties interfering with the meditation process.
Blue & Navy	Level 5 Alpha State	10 – 9 CPS	Altered state of consciousness characterized by awakening of abilities to interact with universal information and subtle energy. Beginning of the condition conducive to telepathy and remote mental influence.
Purple	Level 6 Alpha State	9 – 8 CPS	Altered state of consciousness characterized by full activation of abilities to perform psychic work and remote influence tasks, and to tangibly sense, control and direct bioenergies and subtle energies.
Orchid	Level 7 Alpha State	8 – 7 CPS	Heightened altered state of consciousness characterized by maximum utilization and effectiveness of the Pineal Body of the brain, indicating the person is actively engaged in controlled psychic or subtle energy work.

Color	Brain State	Frequency Range	Interpretation
Black	Theta State	7 – 4 CPS	Subconscious mind may be temporarily responding to a present highly stressful event, or processing a past traumatic event. May be prone to “flash-backs” or brief hallucinations. Subject is currently highly susceptible to suggestion, and events are likely to have a profound emotional impact on the deep subconscious.
Silver	High Delta State	4 – 3 CPS	Extremely deep altered state characterized by intensively recharging one’s bioenergies, while being strongly shielded from the influence of any physical events, mental events or subtle energies. Subject is temporarily immune to subliminal suggestion or remote influence, but may be prone to losing consciousness in response to severe stress.
White	Low Delta State	3 – 1 CPS	Extremely deep altered state of consciousness conducive to out-of-body experiences. Characterized by profound connection to pure, high-frequency universal energies which pass through the subject, both empowering and protecting them. Meditation in such state for more than 30 minutes may present a real risk to one’s physical health.
Gold	All	30 – 1 CPS	Rare ability to move through all Brain States (1 - 30 Hz Brain Cycles) in a controlled and intentional manner, enabled by freedom from all emotional distractions or disturbances due to a healthy and clear subconscious mind. This state is characterized by rapid, smooth and responsive transitions throughout all of the Brain States, evidencing the actual or potential full mastery of one’s brain states for powerful bioenergy work.

It should be noted that the color-frequency associations developed in this chart were based predominantly on theoretical grounds, and few side-by-side trials were conducted with EEG technology to confirm the chart; however, this may be considered a good starting point for further research and acceptable for practical use at this time.

4.3.2 Objects and Spaces

There is a specific field of bioenergyinformatic science, traditionally called “psychometry,” which studies how bioenergies and mental subtle energies make “imprints” in the subatomic structure of material objects, and practices the measurement of such changes and extraction of energy-information from material structures. This is the objective and technical approach to the practice of “psychics” who “read” subtle energy from objects or places, to obtain information about events and conditions that came into contact with the object or physical area. The physics and mechanics of psychometry are explored in ITEM's Professional Development Series.

In general, because of inherent characteristics and sensitivities of subatomic particles, material objects tend to retain information imprints of the bioenergies of living beings that come into contact or close proximity with them. The imprinted bioenergies are usually electromagnetic brainwaves, or other bioenergy fields resulting from emotion.

As a result of the mechanics involved, a living being's bioenergies that become imprinted into the subatomic structure of an object also becomes a part of the object's subtle energy field. Accordingly, when we measure the subtle energy emanations from material objects, we will also detect a “copy” of the original bioenergy that was imprinted into the subatomic structure of the object. Therefore, conducting **RFI** analysis of material objects can give us a working psychological profile of the people or other living beings that came into contact with that object.

RFI can also be used to detect ambient subtle energies “floating around” in a space, such as a

room. Most of these subtle energies come from the information-energy radiating from objects in the area. Furniture, rocks and dead wood, trees, carpets, walls and ceilings can all radiate information-energy which is characterized by the psychology of people who live- or have lived - in a home, room, or even outdoor space such as an archeological site.

Therefore, it is often productive and quite revealing to use the **RFI** system by placing the antenna close to objects, or by simply holding the antenna in the air to catch whatever subtle energy fields are passing by within a specific space or area.

For best results measuring objects, keep your hands away from the object you are measuring, since the bioenergy from the hands is strong, and will interfere with the weaker information energies emanating from a material object. Therefore, do not hold the object, but place it on a table or surface with as few other objects around as possible. Then, hold the base of the antenna as close to the object as possible, and observe the detected frequency numbers. It is also recommended that you wear 100% cotton gloves on both hands (but especially the right hand, which projects energy) when measuring objects and spaces.

For best results measuring ambient subtle energies in a space or area, hold the antenna in the air, and slowly sweep the antenna through one region of the area at a time, observing the detected frequency numbers in each region of the area. For measuring ambient subtle energies in a wide space, you may want to fully extend the antenna, so that you can increase the area of EM waves that can be detected by the antenna. By extending the antenna you do lose a certain degree of accuracy in the frequency measurement; however, this may not be a major concern considering that you will still detect the strongest frequency-color present, and this will help you identify the nature of the subtle energies.

Analyzing the subtle energy colors of a room is almost exactly like interpreting the bioenergy colors in the Psychological Level of the human Aura. For example, if there is a large region of blue

energy in a particular corner of a room, or near a particular piece of furniture, then that area is or has been used primarily for activities involving communication. If there is an orange region, this means that the area has been primarily used for activities involving emotional healing, and so forth.

Because the bioenergies which imprint upon physical matter are inherently psychological and emotional bioenergies, and because material objects are not biological systems and thus do not have Health Auras, only the Psychological Level interpretation table is used to analyze objects and spaces.

To conduct analysis of objects and spaces, it is recommended to follow these steps:

- 1) Draw a picture or chart of the object or space on a piece of paper;
- 2) Place the antenna in each significant spatial area around the object;
- 3) Type each detected frequency number into the software program, using the “Point/Object Analysis” function (make sure the Psychological button is checked); and
- 4) Draw the detected color onto the corresponding area of your paper chart, using colored pens, or perhaps simply writing the word for the color.

There have been Investigators who have conducted **RFI** analyses on homes during real estate transactions to help the new owner better understand the “residual energies” left in the home by previous occupants. The Investigator would draw the floor plan, and select areas of each room to take an **RFI** measurement. After each reading, he or she would write the detected frequency on the floor plan at the selected sample point, and after all data collection would shade in the plan with the corresponding colors from the **RFI** software Point/Object Analysis feature. Then the

Investigator would, using advanced interpretive skills learned through experience, explain the colors in a way that would help the new owner understand how to, for example, orient furniture in the home, decide on those areas that require “clearing” of negative energies, as well as other decisions.

The point is that the uses of **RFI** are limited only by imagination – if you have an interest beyond investigating the human Aura, you have the means to pursue it.

4.3.3 Botanical Analyses (Plants and Trees)

While various forms of plant life do not have brain activity and the accompanying neurological responses, as do humans and animals, they do emanate bioenergy “Aura” fields consisting of the bioelectrical radiation from atomic and cellular activity. There is a good deal of research that suggests that plants also have “feelings,” in the sense of responsiveness to energy-information exchange with the environment and other living creatures. Plants evidently make use of the thoughts and feelings of humans by assimilating this electrofield energy, and utilizing it to increase the rate of metabolic activity. Accordingly, a plant that is “nurtured” by positive human attention and interaction usually grows taller and greener than a plant that is not.

Therefore, it is likely that plants do have two distinct energy fields analogous to the human Emotional Body and Health Level. The first level, closest to the physical matter of the plant, is characteristic of its biological homeostasis and vitality. The second level, radiating further outward, is indicative of its energy-information exchange activities, and its degree of utilization of energy sources other than sunlight.

The width of these two levels is highly dependent on the size of the plant or tree. For small and medium-sized plants, the Health Level generally exists at 0-2 inches from the stems, leaves and flowers, while the “Emotional Level” is generally present at 2-8 inches from the plant. For large

plants, bushes and small trees (seedlings and saplings), general ranges are 0-2 inches (Health Level) and 2-12 inches (Emotional Level). For medium-sized and large trees, Health Level information is generally present at 0-4 inches, while the Emotional Level appears to extend further than many human Auras, from 4-24 inches (or more).

In preliminary experiments at ITEM, the bioenergy fields of household plants and potted small trees were analyzed based upon “before and after” Aura images of sick plants, and the energies characteristic of their recoveries. These initial investigations resulted in a basic system of interpretation of the bioenergy colors of plant life.

The bioenergy color of burgundy (dark red) most frequently appeared at the top of the largest upward growing branches which were most closely connected with the main stem (of a plant) or trunk (of a tree). In general, the color red is associated with physical and material energies, events and conditions. For humans and animals as both physical and metaphysical entities, an excess of physical material energy indicates an imbalance that is usually related to physical pain, malfunction or damage. Since plants, however, are fundamentally creatures that thrive on the “earthiest” of physical and material energies, such an interpretation would be misplaced and inappropriate. Therefore, red and burgundy bioenergy in plants may best be interpreted as “earthy energies” (perhaps nourishment or bioenergy from soil) flowing through the plant, or active cell replication and growth.

All visibly sick, damaged or impaired parts of a plant consistently radiated an orange Aura. In some cases, the area which emanates orange bioenergy visibly appears to be healthy, but there is nonetheless some deficiency, either in nutrients, sunlight, or water, or else the plant may have acquired some virus, and may soon show signs of deterioration. As with animals, orange in plants indicates an illness or injury to that part of the plant, as well as the fact that some healing process is acting upon that area. Accordingly, orange represents the plant’s efforts to repair itself or recover from infection, infestation or illness.

Since the color yellow represents calmness or anxiety, as well as general vitality and health in animals, we can extrapolate for plants a more general description of such conditions, which would be the level of comfort and compatibility with the environment. Therefore, while yellow rarely appears in any part of a plant, we can reasonably estimate that it represents the current symbiotic relationship that the plant enjoys with surrounding insects, microbes, or fungus.

Areas of the plant which were deprived of water, or which actively worked to promote vascular circulation, consistently emanated a green Aura. In humans and animals, green in the Health Level of the Aura indicates increased circulation, either related to pathology or to healthy stimulation. Because of fundamental biological differences, it is reasonable that green bioenergy in plant life indicates not only increased circulation, but also possibly inhibited circulation as well. In other words, for plants, the bioenergy color green indicates an issue of circulation, whether it is increased or inhibited. In non-vascular plants, where “circulation” is technically not an issue, green is most likely indicative of increased or inhibited osmotic balance.

Water can function as a catalyst for energy-information exchange, by means of its property as an electrical conductor. The color navy (dark blue) is associated with conscious communication in animals, which is essentially energy-information exchange. Therefore, the color dark blue logically indicates the presence of water in a part of the plant, and suggests that such area has a high potential for communication by energy-information exchange with the environment and other living creatures.

All visibly healthy parts of a plant consistently emanated a purple Aura. In humans and animals, purple bioenergy in the Health Level is associated with a psychosomatic connection to that part of the body, such that the health in that part of the body is dependent upon the mental energy which is directed to that area. Plants do not have mental processes of their own, but instead function to allow natural life force energies such as light, molecules in air, and water to flow through them.

Therefore, it is logical to conclude that purple indicates general health and vitality in that part of the plant.

Based on ITEM's research to date, we have developed the following general interpretations for **RFI** measurements of herbs, plants and trees:

Burgundy and Red:	Nourishment from Soil, Cell Replication & Growth
Gray/Black:	Disease, Imbalance or Death Due to Environmental Conditions (i.e., Nutrient or Water Deficiency, Pathogens, etc.)
Orange:	Disease or Imbalance, but in Process of Self-Repair or Recovery
Yellow:	Symbiotic Relationship with Biological Environment
Green:	Increased or Inhibited Circulation or Osmotic Balance
Navy and Blue:	Sensitivity to Environmental Conditions, and Presence of Sufficient Moisture
Purple and Orchid:	General Health, Vitality, and Homeostasis
Cyan:	Environmental Conditions are Unfavorable for Growth
White:	Receiving Energetic Influence from Humans
Gold:	Inherent Healing Properties
Rose:	Presence of Sufficient Light for Cellular Metabolism
Silver:	Electromagnetic Fields are Exerting Influence, Either Beneficial or Detrimental

These interpretations are incorporated into the Point/Object Analysis function of the **RFI** software (check the button next to Herbal/Botanical).

Some Investigators use **RFI** specifically for the analysis of trees and plants, and have therefore become quite proficient in evaluating botanical conditions through **RFI** measurements. For a specific example, please check ITEM's **RFI** Investigator website (<http://www.item->

bioenergy.com/password/updates.asp).

4.3.4 Animals and Pets

Many Investigators have used **RFI** for reading the Auras of animals and pets, including cats, dogs and horses. Animals have Health Level and Emotional/Psychological Level Auras just as humans do, although we do not usually grant animals with the same emotional or psychological capabilities as humans. Since the **RFI** software does not at this time have “templates” for various animals, you are encouraged to create your own template by drawing the outline of the animal or by taking a picture of the animal and importing it into the software using the “Create New Custom Template” feature of the Tools menu. Since the body plane of an animal is generally horizontal as opposed to vertical for humans or plants, the antenna should be oriented perpendicular to the floor (antenna straight up in the air) when taking frequency measurements. Although limited experimentation has been performed thus far, it appears that the Health and Psychological Level interpretations can be applied to animals with a similar level of success as with human subjects.

5.0 RFI MEASUREMENTS AND “INTERFERENCE”

5.1 UNDERSTANDING FREQUENCY FLUCTUATIONS

One of the toughest concepts for scientific-minded **RFI** Investigators to understand is why the frequencies detected by the counter fluctuate, and why the detected frequencies are valid representations of the Aura.

In conducting **RFI** readings, you measure what others call “random noise.” Others call it random noise because: 1) to most people, there appears to be no transmitting source of the EM waves, and 2) there appears to be no recognizable pattern to the frequencies. The waves can overlap, differ in shape and amplitude, and change over time. Since there is no apparent origin, function or logic to these signals according to engineers and hobbyists, filters are necessary to prevent this random noise from interfering with the discrete, constant signals that are intended for measurement. Of course, we know the origin of this random noise – bioenergy – and it is in fact not random at all, but generated as a function of **change** in the health and psychological condition of the subject. And, we would certainly not want to filter out that which we are interested in measuring.

5.1.1 Fluctuations as a Natural Reflection of Change

All living things change over time – the only question is the **rate of change**. Most living things change on both physical and emotional or psychological levels. Yet change is not solely a characteristic of life, as even inert matter changes over time. For example, geologic conditions change over very long periods of time because of pressure. Change is, therefore, an inherent characteristic of matter itself – whether living or non-living – and more fundamentally, change is a prime characteristic of consciousness.

Since all matter changes over time, electromagnetic emissions from matter also changes. In humans, animals and plants, changes on the physical and emotional levels can cause immediate changes in the Aura. These changes may be so small that you may never see the changes with your eyes, or observe the changes in the person's behavior, yet they exist and are reflected in the changes detected in the Aura with **RFI**. For example, you have no idea of all of the changes occurring within the cells of your body every second of your life, yet they are happening. Every change produces an emission that makes up the Aura at any particular second in time.

Yet the cells of your body do not change in the same way, or at the same times. To illustrate this, let's consider three Cells labeled “A,” “B,” and “C.” Cell A is a red blood cell, Cell B is muscle cell, and Cell C is a motor neuron. When Cell A releases its oxygen molecules to the surrounding fluid, the release (change) causes an emission of, say, 100 MHz. As Cell A completes its task, other red blood cells release their oxygen molecules and produce 100 MHz signals. Cell B (muscle cell) is located near Cell A, and when Cell B contracts, this change causes an emission of, say, 200 MHz. As Cell B contracts, other muscle cells also contract, and produce 200 MHz signals. Cell C is located near Cells A and B. When Cell C receives its electrochemical signal from preceding motor neurons, it fires, causing a release of chemicals, which cause the muscle cells to contract. When Cell C fires, it generates a signal of, say, 300 MHz. What we have here are complex biochemical reactions in which each part of the reaction generates its own unique signal. The resulting combined signals are complex and vary over time. If Cells A, B and C generated their signals at the same time, then a complex frequency pattern would result that is predictable. Yet the signals are generated at slightly different times, which makes the resulting “combined” frequency pattern much more difficult to predict.

In this example, Cell A (100 MHz), Cell B (200 MHz) and Cell C (300 MHz) emit their “signature” frequencies, i.e., the energy associated with performing intended functions while at equilibrium or homeostasis (i.e., healthy). However, if Cells A, B and C are somehow faced with an obstacle that prevents them from performing their routine tasks, then more energy is needed to complete the

task, and frequencies may be emitted that differ from the signature frequencies. In this case, the resulting combined frequency patterns can become even more complex.

When you place the antenna near a part of the body (Health Level), you are literally receiving signals from millions of cells and cellular components, groups of which emit their own signature frequencies, and some of which may be emitting higher or lower EM waves than “normal.” On the Psychological Level, there are millions of different environmental stimuli (thought forms, bioenergies, man-made artificial EM waves, etc.) that act upon the left side that invoke change, and are processed and projected by the right side— every second. Keep this in mind as you watch the frequency display on the counter fluctuate literally each second. The number that you see at any time is the strongest (in terms of electric field strength) combined signal received by the antenna and counter circuitry at that time. Change as observed through fluctuating frequencies is a natural phenomenon, and as such it is far more constructive to recognize and appreciate the phenomenon than to become discouraged by it.

The same fluctuations occur with all equipment designed to measure bodily processes and activity (such as EEG). With training, all users of such equipment come to recognize the useful patterns that exist within those fluctuations. You are fortunate in that we have already recognized the useful pattern for you – the third detected frequency (using the third gate speed setting) is the frequency we recommend that you use for **RFI** readings, as discussed in Section 3.0. The third frequency is, in the majority of readings, the average frequency that would be detected at the area if you held the antenna still at the location for a longer period of time. It is useful to acknowledge the fluctuations, but not to overanalyze them – they are the natural product of change. You can essentially ignore the fluctuations, press the Hold button on the counter at the third frequency, and feel assured that you have selected the frequency and color that best characterizes that region overall.

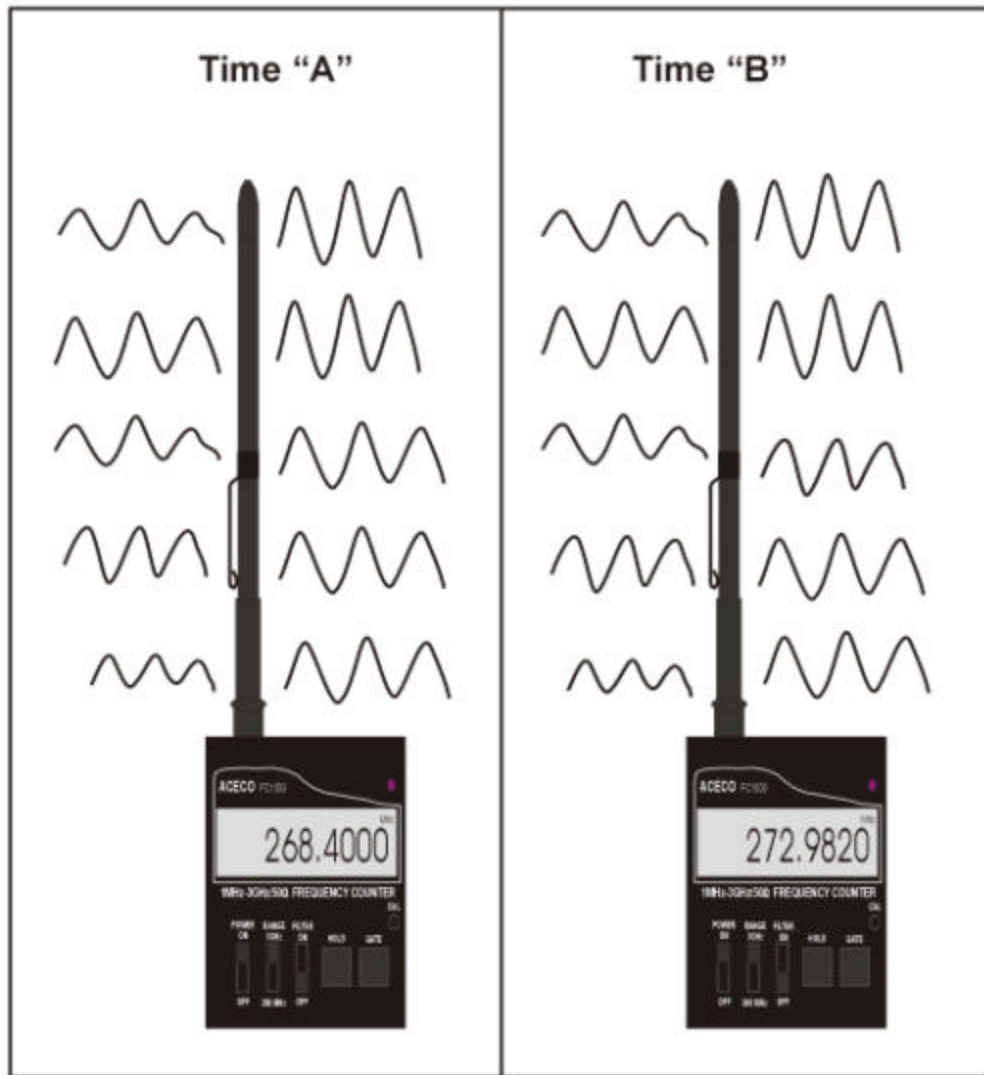
5.1.2 “Stability” Versus “Instability”

This section has been developed for those Investigators who wish to understand more about what frequency fluctuations mean in a practical sense. Changes in the Aura can be characterized by two relative terms – “stability” and “instability.” Stability means that the changes, or fluctuations, occur within a relatively small range. For example, let’s consider the following 10 measurements that were obtained using the frequency counter on the third gate speed setting (one frequency display approximately every four seconds):

Measurement	Frequency (MHz)
1	332
2	298
3	315
4	311
5	289
6	300
7	322
8	335
9	328
10	317

The average frequency in this data set is 315 MHz. The range is 44 MHz (335 MHz highest measurement minus 289 lowest measurement). The standard deviation of the data set, a statistical term describing variability, is 15 MHz. In this case, we can make the determination that this Aura is relatively stable. Stability means, in essence, that the signals detected by the frequency counter do not change significantly over time. While there are definite changes, the changes are relatively subtle, as in the figure on the next page. If these measurements were made on the Health Level, it can be said that the region is in a relatively stable condition, i.e., there are no significant changes occurring at the time of the reading.

"STABLE" FREQUENCY MEASUREMENT



If the measurements were taken in the Psychological Level, then the interpretation depends on the side of the body measured. If the measurements were from the left side, it can be said that the energies in the person's environment are relatively stable; if from the right side, the energies the person projects are relatively stable.

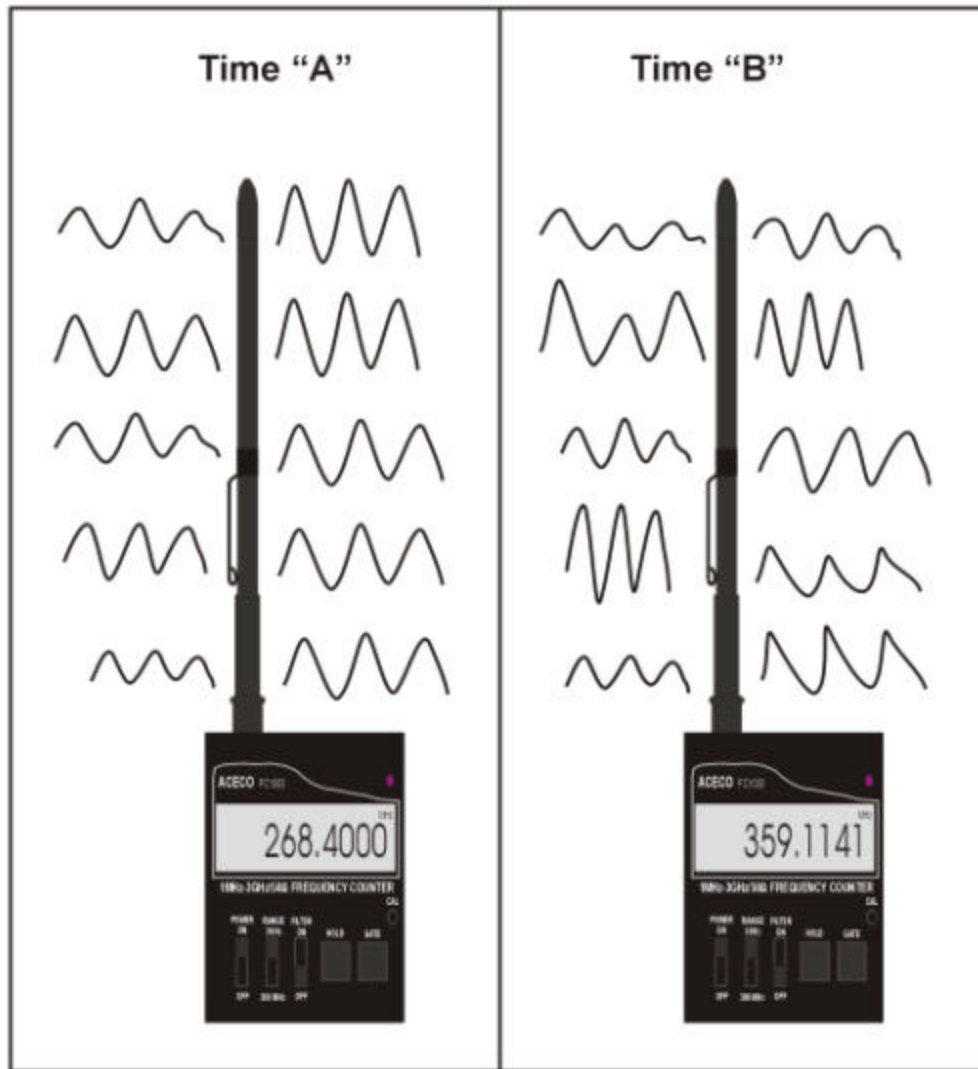
Notice that in the figure above, there is a very subtle difference between the waves shown at Time “A” and Time “B,” but this difference registers as a fluctuation in frequency between Time “A” and Time “B.” The average frequency for this data set is 315 MHz and the standard deviation is 15 MHz. The coefficient of variation (CV), another statistical measurement for variability, is 0.05 (standard deviation divided by average). In general, a frequency data set with a CV of 0.1 or less can be considered a stable set of frequencies.

Now, let’s say that we took another ten measurements, with the following results:

Measurement	Frequency (MHz)
1	217
2	155
3	267
4	290
5	214
6	288
7	305
8	254
9	321
10	290

The average frequency in this data set is 260 MHz. The range is 166 MHz (321 MHz highest measurement minus 155 lowest measurement). The standard deviation of the data set is 51 MHz. The CV is therefore $51/260 = 0.2$. In this case, we can make the determination that this Aura is relatively instable. As shown in the figure on the next page, there are significant changes in the nature of the EM waves from one moment to the next, which is indicative of more pronounced changes in the physiology or psychology of the subject.

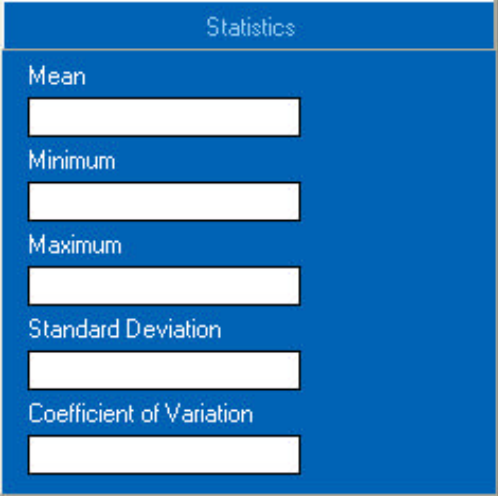
“UNSTABLE” FREQUENCY MEASUREMENT



The purpose of this section was to clarify the differences between stable and instable frequency measurements taken over time, and to illustrate that all fluctuations that you observe are due to changes in the Aura (except for the unusual situation where detectable interference is present).

There is generally no reason that you would need to examine this phenomenon during **RFI** readings, since the Hold button should be used to lock in the third displayed frequency. However, you can, if you wish, press the Hold button again after recording the third frequency to observe the relative magnitude of the fluctuations, which may provide an additional source of information for your interpretation. For example, if you determine that an Aura region on the left side Psychological Level is the color green and there is little fluctuation in the frequencies, you could say, “you are receiving strong emotional energies from someone, a group of people, or something in your environment, and this energy is relatively stable—there is little chance that this energy will be withdrawn from you.”

ITEM has incorporated a running statistical function into Version 3.1 of the **RFI** software program. These functions can be viewed in the Frequency tab of the program. The Mean (average), Minimum, Maximum, Standard Deviation, and Coefficient of Variation (CV) are displayed as you continue to enter frequency data into the program. This information is useful for one primary purpose – to document the relative stability or instability of the measurements during the particular reading, and to evaluate trends over time. For example, let’s say that you have three **RFI** sessions



Statistics	
Mean	<input type="text"/>
Minimum	<input type="text"/>
Maximum	<input type="text"/>
Standard Deviation	<input type="text"/>
Coefficient of Variation	<input type="text"/>

planned for a client. The first session reveals a Mean frequency of 350 MHz, a Standard Deviation of 100 MHz, and a CV of 0.2. The second session indicates a Mean frequency of 400 MHz, a Standard Deviation of 50 MHz, and a CV of 0.1. During the final session, you observe a Mean frequency of 450 MHz, a Standard Deviation of 25 MHz, and a CV of 0.05. Your conclusion of this trend could be that the person’s Aura is becoming more stable over time, perhaps due to your therapy or treatment.

5.2 UNDERSTANDING “INTERFERENCE”

Now that we have an understanding of frequency fluctuations and stability versus instability, the remainder of this section will be devoted to examining how we can confidently measure Aura frequencies in the midst of external signals that may be present in your environment.

As mentioned previously, Auras are continuously changing due to physiological and psychological reactions to internal events and external environmental stimuli. For example, if a neighbor begins to play the radio very loudly during your meditation, you may become angry. Your internal emotional response causes an immediate change in the nature of the frequencies that you project, which will be detected by **RFI**. This is an example of an internal reaction to an environmental stimulus that is easily perceptible, i.e., loud music. What about environmental stimuli that is not perceptible to your five senses? The same kind of internal reactions can and do occur, although generally you are not consciously aware of your reactions. In general, interference is any kind of electromagnetic stimuli that usually cannot be perceived using your five senses, but nonetheless can have an impact on the nature of your Aura.

We live in a world where signals are omnipresent in our environment. We cannot be anywhere without being bombarded by signals such as radio waves, cellular band frequencies, and many others, including natural atmospheric waves. On top of this, we exist amongst an endless cloud of the thought forms and the bioenergies of living things, which have a definite impact on our own thoughts, perceptions, our Auras, and most importantly, our measurements of the Aura. All of these can be considered “interference.”

Question #1: To what extent does interference affect the Aura?

Answer: In keeping with the theoretical model of the Aura presented in Section 2.2.2, external signals only directly affect the left side of the Psychological Level Aura. The right side

Psychological Level, the Chakra system, and the Health Level can be affected by external signals, but only indirectly, as a function of how the signals “filter in” through the left side Psychological Level and are processed internally. However, if an organism does not possess a Psychological Level Aura (lower forms of life), then external signals can directly affect the Health Level also.

Interference can be a source of change in the Aura, as observed through frequency fluctuations. In other words, if you find the Aura you are reading to be “instable,” then it is possible and perhaps likely that external signals are affecting the source of this change – although you are not usually detecting the interference itself with the frequency counter.

For example, consider the person who receives a negative mass of energy (i.e., one type of interference) from people in his or her environment, as discussed in Section 2.2.2. If the happy person becomes affected by the interference through changes in the left side of the Psychological Level Aura, these changes can affect other levels of the Aura. If such change occurs because of interference, frequency fluctuations will likely become more pronounced in all levels of the Aura. However, such fluctuations are not necessarily an indicator that interference is affecting the person, as the person’s physiology or psychology may be reacting to internal events (i.e., thoughts), rather than external signals.

Question #2: To what extent does interference affect **RFI** measurements of the Aura with the frequency counter?

Answer: The extent that external signals interfere with the Aura depends on the strength and frequency of those signals. Strong signals – in terms of electric field strength – that are in the MHz range of frequencies and within the electric field strength range of the frequency counter can affect your readings at any part of the Aura. Most interference, however, is either too strong, too weak, or is outside the frequency range of the counter, and does not affect your ability to detect Aura frequencies. If you observe frequencies that fluctuate rapidly, characteristic of an “instable” Aura,

you cannot assume that you are directly measuring interference signals– the instability in the Aura may be caused to some extent by interference, but you are not usually measuring interference itself.

In most cases, you will know when you encounter interference, because 1) the frequency display will usually become “stuck” on a particularly strong frequency, and 2) the RF signal strength bar graph will become activated (as discussed in Section 3.0).

For the purpose of this discussion, we can separate interference into two categories – ambient interference and high-strength industrial interference – by the power density and electric field strength of the signals, as discussed below.

5.2.1 Ambient Interference

Ambient interference can be anything from the thoughts of others, the bioenergy fields of others, weak radio waves that traverse the air, natural atmospheric and solar waves, geomagnetic radiation, and anything else that is outside of usual human perception.

We react to all of these energies, either consciously or unconsciously, every second of our lives. Living organisms are energy processors and transformers. Energy enters the organism, is reacted to and utilized, processed and transformed, and then exits, whether it be material energy (e.g., food, water, etc.) or non-physical energy (e.g., sunlight, radio waves, etc.).

There is no way – and no reason – to separate the Aura from ambient interference during **RFI** sessions. It would be impossible to construct a filter that would remove all of these various sources of external signals – and frankly, we would not want to, since ambient interference is a natural part of the living environment, and your measurements of the Aura would not be objective without it. However, just because ambient interference is all around us and may affect the person

and Aura you are measuring, this doesn't mean that such interference reduces your ability to collect accurate measurements of the Aura. This is because the interference waves are normally outside the range of the frequency counter – when they are not, and can be measured by the frequency counter, you will know when you have encountered a signal that will interfere with your **RFI** measurements when the frequency counter's signal strength bar graph indicator is activated.

Radio Waves

Radio waves exist throughout the spectrum of frequencies that the frequency counter can theoretically measure (1 MHz to 3 GHz). However, there are generally only two types of radio waves that we need to be concerned with – frequency modulated (FM) waves and local dispatch frequencies such as those used for local police and emergency services. These waves can have frequencies anywhere in the range of 80 MHz to 900 MHz, depending on federal and local regulations. The transmitting station power for FM and dispatch frequencies is typically 100 W. Assuming that the transmitting antenna is isotropic (i.e., transmits in all directions), the electric field strength at any distance from the transmitter can be estimated by the equation:

$$E \text{ (V/m)} = (30 \times \text{Transmitting Power (W)})^{1/2} / \text{Distance from Source (m)}$$

This equation calculates the theoretical loss of power that occurs in free space as a result of wave propagation. Let us assume that there is a local transmitting station or tower in your area, and you are conducting an **RFI** reading outdoors at a distance 1,000 m from the 100 W transmitter. The theoretical electric field strength that would reach your frequency counter antenna is:

$$E \text{ (V/m)} = (30 \times 100 \text{ W})^{1/2} / 1,000 \text{ m} = 0.055 \text{ V/m or } 55 \text{ mV/m}$$

Question: Will a typical radio wave transmitted at 100 MHz from a station effect your frequency measurements when you are 1,000 m away from the radio transmitter?

First of all it is important to mention that the electric field strength of the radio wave will be much less than 55 mV/m because the equation only considers “free space” losses. Other losses naturally occur when obstacles are encountered, such as terrain (presence of hills, mountains, trees, etc.), homes and buildings, and the actual electric field strength may be less than 1% of that predicted by the equation above. However, for the purpose of this example we will assume that there are no other losses and the electric field strength is 55 mV/m.

The frequency counter will only be affected by interference if such interfering signals are present within the range of frequencies and electric field strengths that the counter can detect. Since 100 MHz is within the range of the frequency counter, *it will detect the radio wave if the electric field strength is within the counter’s range.*

What is the electric field strength range of the frequency counter? As discussed in Section 3.0, the **maximum input power of waves that the frequency counter can detect is 15 dBm or 32 mW.**

We can determine the maximum electric field strength that the counter can detect when the radio wave is 100 MHz using the following steps:

- 1) First, we need to calculate the effective area of the frequency counter antenna (i.e., the spatial area that an antenna will be able to detect frequencies in, which is dependent on the frequency being received). The following equation is used to determine the effective area of an antenna:

$$\text{Effective Area of Antenna (m}^2\text{)} = \text{Antenna Gain} \times (\text{Wavelength})^2 / (4 \times \pi)$$

Where: Antenna Gain = 1.64 for a thin dipole receiving antenna;

Wavelength = (Speed of Light (3×10^8 m/s) / MHz Frequency) / 10^6 (in meters); and

Frequency = 100 MHz radio wave.

$$\text{Effective Area of Antenna} = 1.64 \times (3 \text{ m})^2 / (4 \times \pi) = \mathbf{11.6 \text{ m}^2}$$

- 2) Second, we need to calculate the power density of an EM wave that corresponds to a maximum input power of 32 mW, as follows:

$$\text{Power Density (W/m}^2\text{)} = \text{Maximum Input Power (W)} / \text{Effective Area of Antenna (m}^2\text{)}$$

$$\text{Power Density} = 0.032 \text{ W} / 11.6 \text{ m}^2 = \mathbf{0.00276 \text{ W/m}^2}$$

- 3) Third, we need to convert power density into electric field strength by the following equation:

$$\text{Electric Field Strength (V/m)} = (\text{Power Density (W/m}^2\text{)} \times 120 \times \pi \text{ (pi} - 3.14159\text{)})^{1/2}$$

$$\text{Electric Field Strength} = (0.00276 \text{ W/m}^2 \times 120 \times 3.14159)^{1/2} = \mathbf{1.02 \text{ V/m}}$$

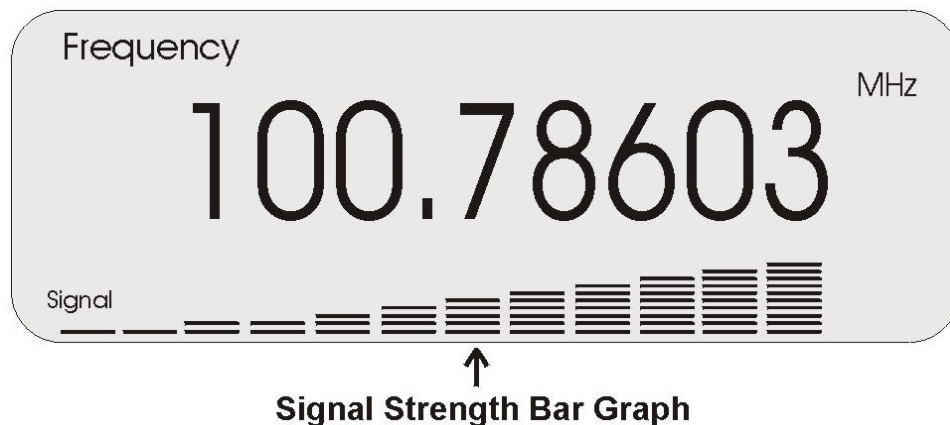
This value – 1.02 V/m – is the estimated maximum electric field strength that the frequency counter will detect when the receiving frequency is 100 MHz. The counter will not detect EM waves that exceed this specification.

To estimate the minimum electric field strength that the frequency counter can detect, we can use the input sensitivity of the frequency counter, which at 100 MHz is < 0.8 mV (see Section 3.0). This can be taken to mean that an EM wave with a minimum electric field strength of 0.8 mV/m will

be detected by the frequency counter at 100 MHz. Radio waves at 100 MHz that have less than this electric field strength will not be detected by the frequency counter (although of course such waves can potentially affect the Aura and cause resulting fluctuations).

Therefore, a radio transmission station located 1,000 m away from you could potentially interfere with your **RFI** measurements, since the estimated 55 mV/m is between the detectable range of the frequency counter at 100 MHz (i.e., > 0.8 mV/m and < 1.02 V/m).

To evaluate the presence of interfering signals, you, as the RFI Investigator, need to pay attention to the signal strength bar graph and the detected frequency. If the signal strength bar graph becomes activated (as shown in the figure below) or if the frequency appears to become “stuck” on one or a few frequencies, then there is an interfering signal and you will not likely be able to perform your **RFI** measurements in that location (unless you are able to shield the interference). If the signal strength bar graph becomes activated, turn the Filter to the ON position and observe the bar graph – if the bar graph remains activated, the interfering signal has been confirmed.



The slightest response in the bar graph may indicate interference. Therefore, you will want to pay

close attention to the bar graph when taking readings, but especially when you move into a new environment to take your measurements. In most cases, you will not observe a response in the bar graph. However, you should, as discussed in Section 3.0, turn the filter ON and check for a signal and for a response in the bar graph anytime you prepare for **RFI** readings. If the frequency display reads “0.0000” and there is no response in the bar graph, then proceed with your measurements. If not, then you will need to either move to a different location to take measurements or you can shield the frequency counter antenna from the source of the interference. You can shield the electric fields of practically any EM wave in the detectable frequency counter range by using a plastic or metal barrier. This may not be practical if you are measuring the Aura of a person, but if you are outdoors and measuring bioenergies of plants or trees and encounter interference, you can usually eliminate it by holding a sheet of plastic or metal behind the antenna while you take your measurements.

There is usually a greater chance of encountering interference from radio waves when conducting **RFI** readings outdoors than when you are indoors. Building walls and the presence of trees and shrubs has the effect of significantly dampening the strength of radio waves inside of buildings. When you pass through a tunnel when driving your car, many radio stations become “fuzzy” or inaudible. This is because the radio waves cannot effectively pass through the tunnel material (e.g., concrete or other heavy materials) at a strength that can be used by your car’s radio receiver. Radio receivers usually have a sensitivity of 0.001 to 0.02 mV, which is much more sensitive than the receiver in the frequency counter. For this reason, it is possible that you can listen to a radio station while measuring Aura frequencies without observing interference, since in almost all cases the strength of the radio waves will be well below the input sensitivity of the frequency counter, although within the range of the radio receiver. (However, please note that we recommend reducing the number of electrical devices and appliances in use during **RFI** readings, solely as a precautionary measure).

Television Waves

Most television sets now in use receive signals directly from a cable or digital television provider through cables. Television antennas are rarely used anymore to receive television signals. However, television waves are still prevalent in the air, even if your TV set is not using them. Although TV waves coexist within the same general range of radio waves, their strength is generally always below the input sensitivity of the frequency counter, and therefore they are not of concern. Leaks from cable TV lines near or within your home may produce signals in the MHz range, but these are also too weak, in general, for the frequency counter to detect them. TV sets (and computer monitors) emit X-rays through the cathode ray tube they use to create an image on a screen, and these waves can enter the surrounding air. However, the frequencies of these waves are much higher than the maximum frequency the frequency counter can detect and are therefore of little practical concern (although, as stated previously, we recommend not using electrical devices and appliances when not absolutely necessary).

Natural Background Radiation

Electromagnetic radiation in the ultraviolet, microwave, radio wave, and ultra low frequency portions of the EM spectrum will be in the general space of your **RFI** readings, regardless of whether you are indoors or outdoors. This radiation is primarily generated by cosmic, solar, seismic, geologic, atmospheric, and biologic conditions. Natural background radiation is never interference because it is the condition in which we live, and is a natural part of the electromagnetic interaction between a living thing and its environment. By removing a living thing from the environment in which it has become “electromagnetically acclimated” to, you will find that the Aura of the living thing will change, sometimes significantly.

There are important and interesting points to be made about background EM radiation:

- 1) There is a natural background EM radiation in all environments that varies depending on geographic location. You cannot be anywhere on earth and not detect frequencies with the frequency counter. Depending on your location in the world, the natural background frequencies could be as low as 1 MHz or perhaps as high as 1 GHz. There are so many variables that account for background radiation that entire book could be written on the subject. However, we have noticed that background EM frequencies tend to be higher and less stable in those areas that are 1) higher in altitude, 2) near or in cities or industrialized areas, 3) near areas of heightened seismic activity, such as near fault lines, and 4) at middle latitudes. Lower, more stable background frequencies are usually observed at 1) lower altitudes, 2) great distances away from cities or industrialized areas, 3) stable seismic zones, 4) near the equator and north and south poles, 5) near oceans, and 6) near “energy vortices” or “nodes,” which occur throughout the world and are thought to be natural energy transformers. In the United States, there are planetary nodes off the coast of Florida, near Arizona and the west coast, and near the Great Lakes, as well as others. *If you detect a measurement of “0”, which is possible, it is a strong indication that you are near one of these nodes or a vortex.* Measurements of “0” have been reported by **RFI** users in California, Arizona and Florida in the USA, and off the coast of China and other Asian countries. The presence or absence of strong wind currents can also influence detected background frequencies.
- 2) If you live in an industrialized nation, there is a good chance that natural background frequencies have been (permanently) influenced or altered by industrial radio waves and microwaves. Research conducted near the south pole (Antarctica), which is practically free of industrial interference, has shown that there are significant differences in the natural background EM frequencies between unindustrialized areas and, for example, New York City. In industrialized areas, radio and microwave frequencies often modify and constructively and destructively interfere with background frequencies.

- 3) If you were to go into remote mountains, miles away from the nearest radio tower, the main source of natural background frequencies will usually be bioenergy given off by trees. If you were to go far into the desert, the primary source of background frequencies will likely be atmospheric and geologic, assuming that these sources have low electric field strengths.
- 4) The electric field strength of the lower atmosphere usually ranges between approximately 100 V/m to 30,000 V/m, depending on the level of thunderstorm activity that occurs in the area. Atmospheric radio waves are therefore, in most cases, well above the electric field strength range of the frequency counter.
- 5) If you are not pointing the antenna in the Aura of a living thing, then the frequencies detected by the counter will be a composite of natural background and any interfering signals. No "space" is void of EM waves in the range the frequency counter can detect, so you will always be able to detect some composite signal (except perhaps if you are near one of the nodes mentioned above, in which the reading may be zero under the theory that there are no EM waves in or near such a node). If there are "metaphysical" energies present in the space where the antenna is located, and if these energies are stronger than background frequencies without exceeding the range of the counter, you will detect these frequencies associated with the metaphysical source. Oftentimes a sharp "jump" in frequencies can be observed in the presence of such metaphysical energy.
- 6) If, during the course your frequency measurements, you notice that background frequencies in the ambient air of the room seem to be the same as frequencies detected in the Aura of your subject, do not be discouraged, as there are a number of possible explanations. For example: 1) the antenna may need to be "cleared" of excess charge by rubbing a cotton cloth over its length; 2) a source of interference may be present in the room, which you should attempt to identify and eliminate or, if the source is not in the room,

you should consider relocating your **RFI** reading; 3) the natural background radiation is stronger than your subject's Aura or something in the environment is generating electromagnetic waves that are stronger than your subject's Aura (which is not ordinarily the case); 4) frequencies from your own Aura, especially that projected by the right hand, may be influencing the detected frequencies; or 5) the subject's Aura is stronger than natural background frequencies and essentially “colors” the area with its energies.

- 7) When you move the antenna from ambient space to your subject's Aura, there will not usually be a dramatic increase or decrease in the detected frequencies. In other words, do not expect that once you bring the antenna close to your subject's body that the readings will vary significantly from natural background frequencies. For example, if no interference is detected (i.e., no signal strength bar graph response), you may observe frequencies in the range of 300 – 350 MHz in ambient space; then, when you move the antenna to your subject's Aura, frequencies will not usually jump to, say, 500 – 550 MHz (although it is not impossible). This is because the Aura, particularly the left side Psychological Level, is influenced by and may resonate with natural background frequencies, and vice-versa. You may notice that frequency fluctuations become more or less pronounced in the Aura as compared to ambient space, which is an indirect function of the person's response to natural background frequencies. It is more important to examine differences and similarities in frequency fluctuations, and colors, between an Aura and natural background than the range of detected frequencies.
- 8) None of the frequencies you measure in ambient air (or in the Aura of a living thing) are arbitrary. All detected frequencies have some meaning. The challenge is to understand the sources of these frequencies, which usually takes research, experimentation and patience.

Bioenergies of Other Living Things

Bioenergies of other living things can definitely have an effect on your subject's Aura, and can be a source of interference in **RFI** measurements; in fact, bioenergies are usually the most important source of interference during **RFI** readings. We have already discussed how you, as the Investigator, can reduce your own Aura's impact on **RFI** measurements through wearing a 100% cotton lab coat and perhaps even wearing 100% cotton gloves. If you are performing **RFI** readings in a setting with many people, like a health fair, you should be cognizant that bioenergy waves will be prevalent throughout the air, and may directly affect the left side of the Psychological Level or indirectly affect the rest of your subject's Aura. The same applies to clinical settings, if anyone besides you and your subject are present in the room. The question becomes, “am I interested in evaluating the subject's Aura with or without any possible influences from other living things?” On the one hand, when your subject is not having his or her Aura measured, he or she is constantly interacting with people and other living things; on the other hand, without the presence of other people nearby, you may obtain a more accurate depiction of the “true” nature of the person, without such influences. The question is a philosophical one that can only be answered by you, the Investigator.

The most important point to remember about the presence of bioenergy from other living things is that it may influence the Aura of the person you are trying to measure, but it will not interfere with your frequency counter measurements when you are within the “boundaries” of your subject's Aura – unless your own bioenergies are detected. In other words, when you place the antenna within 0 to 18 inches from your subject's body, the frequencies detected will be a true measurement of the subject's Aura at any particular time, but not the bioenergies from other living things; the only possible exception is when your own bioenergies, as the person taking measurements, reaches the antenna of the counter before the bioenergies of the subject (which can be practically eliminated by wearing the cotton lab coat and, if necessary, cotton gloves).

5.2.2 High-Strength Industrial Interference

High-strength industrial interference is a term that is used here to describe strong artificial EM waves that result from technological applications, including electrical appliances, power lines, microwave ovens, cellular phone frequencies, and strong radio waves near a transmitting station.

Electrical Appliances

As discussed above, the maximum input sensitivity of the frequency counter is 15 dBm or 32 mW. The counter will not detect EM waves that exceed this specification.

Let us consider an electrical appliance common in homes— a color television set. A TV screen will emit EM waves with a typical electric field strength of 30 V/m. Using the equation presented above, we can find the power density of the TV screen waves as follows:

$$W/m^2 = (30 \text{ V/m})^2 / (120 \times \pi) = 2.4 \text{ W/m}^2$$

The effective area of the antenna, assuming that the TV waves are 300 MHz (1 m wavelength):

$$\text{Effective Area of Antenna} = 1.64 \times (1 \text{ m})^2 / (4 \times \pi) = 1.288 \text{ m}^2$$

Finally, we can determine the power (W) received by the frequency counter antenna by the following equation:

$$\text{Received Power} = 1.288 \text{ m}^2 \times 2.4 \text{ W/m}^2 = \mathbf{3.1 \text{ W or } 3,100 \text{ mW}}$$

As you can see, the power received by the antenna would be approximately 97 times greater

(3,100 mW / 32 mW) than the maximum input power of the frequency counter. The signal would therefore be ignored by the frequency counter, since the power density is outside of its operating range. If the signal were 800 MHz instead of 300 MHz, the received power would be approximately 435 mW, which is still much higher than the maximum input power. The table below presents the approximate electric field strengths (within about one foot of the device or appliance), power densities, and received powers at the frequency counter antenna for a number of common household appliances and devices, assuming that the devices emit frequencies of 1 GHz:

Appliance or Device	Electric Field Strength	Power Density	Maximum Received Power
Electric Blanket	100 kV/m	$2.7 \times 10^7 \text{ W/m}^2$	$3.1 \times 10^6 \text{ W}$
Electric Razor	250 V/m	166 W/m^2	19.2 W
Stereo	90 V/m	21.5 W/m^2	2.5 W
Refrigerator	60 V/m	9.6 W/m^2	1.1 W
Toaster & Hair Dryer	40 V/m	4.3 W/m^2	500 mW
Color TV	30 V/m	2.4 W/m^2	278 mW
Vacuum Cleaner	16 V/m	0.7 W/m^2	81 mW
Incandescent Bulb	2 V/m	0.011 W/m^2	1.2 mW

These calculations show that you could theoretically take measurements next to any household appliance or electrical device – except for a light bulb – and you would not need to worry about the frequency counter detecting the EM waves it emits. Yet you could even collect measurements near a light bulb and not be concerned with interference, because a light bulb emits waves in the Hz range, and nowhere near the 1 GHz frequency assumed in this example – meaning that the waves emitted by a bulb could not be detected by the frequency counter anyway. In fact, any appliance or device that receives its power from alternating current (AC) electricity (like the 110-220 V electrical outlets in your home) will emit frequencies in the low Hz range, which cannot

influence your **RFI** measurements.

Although you could, in theory, collect frequency measurements near electrical appliances and not experience interference, we strongly recommend that you do not, because the high electric field strengths could *potentially* damage the internal circuitry of the counter or the effectiveness of the antenna over a period of time. Also, measuring Aura frequencies among other high-strength waves can polarize the antenna, requiring you to “clear” the antenna (using a cotton cloth or ion generator) more frequently to ensure accurate measurements. For these reasons, we recommend that if you are performing an **RFI** reading in a room with electrical appliances or devices, stay as far away from them as possible and turn them off if they are not being used. Of course, since you need to use a computer or laptop to use the **RFI** software, you cannot eliminate all sources of high-strength waves. However, you will never need to be concerned about damage to the frequency counter if you remain a reasonable distance (i.e., at least four feet) away from the computer, and you will not need to be concerned at all about interference from the computer. It is a good idea, however, to “clear” the antenna frequently when in the presence of a computer (i.e., at least after each **RFI** full-body reading).

If you turned on your microwave oven and measured the frequencies emitted from it, you will likely observe frequencies in the 1.0 to 2.0 GHz range, and the signal strength bar graph will likely become activated. Microwave ovens, unlike most other electrical appliances, do generate frequencies and electric field strengths within the range that is detectable by the counter; therefore, simply do not operate a microwave oven during **RFI** readings and you will not detect these interfering signals.

Mobile/Cellular Phones

Cellular stations usually transmit at frequencies between 800 MHz and 1.8 GHz, which will be detected by the frequency counter. While in use, the electric field strength of transmitted or

received EM waves near the antenna of a cellular (wireless) phone can be as high as 300 V/m. A few feet from the phone, the electric field strength will reduce to a range in which the frequency counter's signal strength bar graph will become activated. In fact, if someone within the room is using a wireless phone, you will notice that the frequency counter display usually becomes “stuck” on the phone's frequency, and you are unable to detect anything else. If you move into another room, you will likely be able to detect other frequencies, but a response may still be observed in the signal strength bar graph. It is therefore important that you or anyone in the immediate vicinity of your measurements not use a wireless phone. This may be a problem at a health fair or convention, where you do not have control over such issues. As long as the signal strength bar graph shows no response, you can be reasonably comfortable that the cellular phone transmissions will not interfere with your readings.

If you are near a cellular phone transmission station, what is the likelihood that the transmissions will interfere with your measurements? As long as you are indoors, there is very little chance that such transmissions will interfere with your **RFI** readings, since the building materials (walls) will reflect, distort and significantly dampen the strength of these waves to a level that is not detectable to the counter. Such transmissions may affect your readings if you are outdoors, however; in these cases, a response should be observed in the signal strength bar graph, and if this is the case, a piece of metal or plastic held behind the antenna can effectively shield such interference.

A final note on interference – by not extending the antenna at all (as recommended), a higher strength signal is needed to interfere with Aura measurements than when the antenna is extended. This occurs because impedance (resistance) increases as the length of the antenna becomes shorter. You can test this sensitivity phenomenon by turning on a microwave oven, for example—first measure the air near the microwave with the antenna at its shortest length, and then expand the antenna to its full length. You should be able to observe a greater response in the signal strength bar graph when the antenna is fully extended. Thus, the use of the antenna at its shortest length is an additional way to reduce the effects of interference.

5.2.3 Theoretical Basis for Bioenergy Strength

Scientists from the Russian Association of Human Ecology and Energyinformatic Science, as well as many leading professors at Moscow State Technical University (the “MIT” of Russia), believe that the electromagnetic properties of the Aura detected by Kirlian and **RFI** processes may be only traces, or side effects, of a deeper underlying cause. This cause is reported to be bioenergy in the form of torsion fields or non-Hertzian fields. Considering that torsion fields can only be measured by unique and extremely expensive scientific equipment, available data and research suggests that electromagnetic analysis (such as **RFI**) is still the most tangible and cost-effective way to measure the secondary effects of torsion fields, without sacrificing accuracy and precision.

The efficacy theory of **RFI** is based upon the mechanics of bioenergy and torsion field physics, and the fact that bioenergy generates, manifests as, and generally produces EM field energies as secondary effects. The basic theory is that: **(1) Bioenergy causes EM field energy, and (2) Bioenergy is stronger than EM field energy.** The logic of this theory runs as follows: any cause is functionally stronger than the result, by definition, because removal of the cause (or prevention thereof) would eliminate the result, and reversal of the cause would alter the result. Furthermore, tampering with the result would not change the cause, but merely present a competing cause that could never fully prevail over the result as long as the original cause continues to reinforce it.

The resulting hypothesis is that **an EM field caused by proximate bioenergy is stronger than an EM field alone**, because it is supported by the bioenergy as a present regenerative source and reinforcing generating signal, whereas unsupported EM fields may dissipate or be altered by stronger energy.

The proof of the prevailing bioenergy theory and accompanying hypothesis is found in observations of basic medical biology. The neurological and bioelectrical functions are so subtle

and based upon such low threshold voltages for their operation that, according to the law of electrophysics that all electromagnetic fields must induce a voltage into a potential carrier of electrical impulses, the bioelectrical functions would be triggered, activated or otherwise directly affected by some ambient electromagnetic interference. In other words, if the neurological bioelectrical functions such as neuron firing were purely electrical, any electromagnetic interference in the air would induce a current and voltage exceeding the neuron's firing threshold, which would be sufficient to fire the synapses and subsequent nerves. However, the bioelectrical mechanisms are not so affected, so we may deduce that there is a reinforcing bioenergy behind human bioelectrical processes, in addition to the plainly resulting human EM field that constitutes the Aura. Also, since the human body and brain function electrically, yet there is no physical electrical generator or power source whatsoever to be found anywhere in the human body, it is apparent that such electrical signals and EM fields are a direct manifestation and product of bioenergy.

While it is true that frequency counters connected to an antenna can be influenced by radio interference (if it exists in the same frequency and electric field strength range), it is also true that the human bioenergy field (Aura) is proven to cause significant disturbance of radio transmissions.

Common experience shows that the human energy field can totally block or interfere with the reception of airborne television or radio transmissions. Everyone who has ever struggled to adjust a television antenna's reception that changed based on where they were standing in the room is a witness to the reality of this physics. We can therefore maintain a valid assumption that generally **as long as the RFI antenna is placed inside the human bioenergy field, industrial interference will not undermine or compromise the truth or accuracy of the Aura readings, unless interference is noted by a response in the signal strength bar graph.** It should be noted that the phenomenon of the Aura being impervious to all but exceptional industrial interference applies not only to humans, but also to animal Auras, plant life, and disincarnate ambient electrical entities such as the paranormal.

For physical objects that retain energy-information imprints from living systems, but do not contain the original bioenergy source, industrial interference such as MHz radio transmissions may become a factor. Any such interference, however, can be easily remedied by switching to a channel on the frequency counter that uses a different frequency range than the radio transmissions, or by simply adding some filter mechanisms to the antenna or digital circuitry of any frequency counter.

6.0 TROUBLESHOOTING AND COMMON QUESTIONS

6.1 TROUBLESHOOTING

The Colors on the Screen Do Not Match the Colors Printed

The colors presented in the **RFI** software are based on the international standard “PANTONE Color System.” Most color printers manufactured within the past few years are based on this system or an equivalent. Therefore, if the colors on the screen do not match those printed out by your printer, most likely you have an older printer based on a different color matching system. Unfortunately, there may be no way to correct this other than purchasing a new color printer.

When I Press the “Print” Button, Nothing Happens – What Can I Do?

Uninstall the **RFI** software by entering the “Add or Remove Programs” function of your computer’s Control Panel. Be sure to copy all your existing .RFI Aura Image files to another directory first. If the program will not uninstall itself automatically, delete the program and associated files using Windows Explorer. Then reinstall the software to the default directory.

The Frequency Counter is “Stuck” on a Certain Frequency Value– What Should I Do?

If this happens, you have a strong interfering signal, likely from a nearby radio transmission station, a microwave oven, or a cellular telephone, or any other equipment in the immediate area of your readings that emits frequencies in the MHz range. This can be confirmed by a response in the signal strength bar graph on the counter. If this is the case, the solution is to identify and attempt to eliminate the source; if this is not possible, then you will need to move your readings to a new location. If the signal strength bar graph is not activated, and the counter display is “stuck” on a particular frequency, the counter may be malfunctioning. Please contact ITEM for

troubleshooting assistance.

The Frequency Values Are Fluctuating Wildly – What Is Wrong?

Nothing – please review Section 5.1. The fluctuations are a natural function of how the subject's Aura is responding to thoughts, emotions, physiological events, and environmental stimuli. You can evaluate whether the fluctuations are in response to environmental stimuli by asking the subject to move into a new environment, then continuing with your measurements. You may also be able to reduce fluctuations by testing the subject under more controlled conditions; for example, you could perform hypnosis on the subject or ask the subject to meditate prior to the **RFI** reading to reduce anxieties and promote homeostasis. However, it is important to remember that when the subject undergoes such control-inducing mechanisms, he or she may not be in his or her "natural state." Part of the decision-making process of all Investigators is the desired condition of the subject.

The Frequencies Detected Within the Aura Are the Same As the Frequencies I Detect in the Air – What Should I Do?

See "Natural Background Radiation" in Section 5.2.1. Perform the following steps: 1) "clear" the antenna by extending it to its full length and stroking it gently with a cotton cloth (or your lab coat), 2) point the antenna into the air away from the subject and observe the signal strength bar chart, 3) if the bar chart is activated even slightly, then an interfering signal is likely present and you should attempt to locate and eliminate it if possible; if the bar chart is not activated at all, then put on a pair of 100% cotton gloves. If, after taking these measures, the frequency values in the air and within the subject's Aura continue to be similar, then either A) the natural background radiation, or the bioenergies of other living organisms that may be present in the room, is influencing the subject's Aura, or B) the subject's Aura is exerting influence on the air within the room. Although you could remove living things such as plants or pets or request other people who

may be in the room to leave, there is nothing further to do. Although the frequencies may be similar between the Aura and the external environment in such cases, the colors may be drastically different – and it is the Aura colors that are most important in terms of **RFI** interpretations.

I Seem to Have an Interfering Signal That I Cannot Identify or Eliminate – What Can I Do?

This occurs only in the most rare of circumstances. However, to address the question, a simple thin sheet of metal or plastic can be held immediately behind the antenna during measurements to remove the influences of most interfering signals. If it is inconvenient for you to hold this in one hand while holding the frequency counter in the other hand, then you could attach it to the frequency counter, or you could contact ITEM for assistance in constructing an in-line filter (a filter that the antenna could be attached to that would “screen” out frequencies above or below a certain range).

TROUBLESHOOTING IN GENERAL - Contact ITEM at **Central@item-bioenergy.com** if you ever have questions.

6.2 COMMON QUESTIONS

The following is a partial list of the Frequently Asked Questions (FAQ) and answers that can be viewed on the **RFI** FAQ website, **<http://www.item-bioenergy.com/rfi/faq.html>**. Only those questions and answers relevant to the use of **RFI** are presented, while other questions not pertinent to **RFI** use are omitted. You may want to check this website occasionally for new questions and answers. These are actual questions asked by **RFI** Investigators over the past few years.

6.2.1 **General Questions About RFI**

What Is Your Policy Regarding Equipment Malfunction?

There is only one piece of equipment to use with **RFI** – the digital frequency counter, plus the software program. If problems do arise, there are some options. Basically, if your equipment is damaged in transit, we can get reimbursed through the shipping service and send you a new one once you send back the damaged counter. Each digital counter that we ship out must pass our Quality Assurance tests to ensure they are not malfunctioning or defective at the time of shipment. If it "malfunctions" or gets damaged at any time during your use, we suggest you first email ITEM and describe the nature of the problem. If the counter is under the one-year manufacturer warranty, we will likely request that you ship the counter directly to the manufacturer for repair or replacement. If a problem is identified beyond the warranty period, email ITEM and we will decide the best way to service your counter. If the counter cannot be fixed, then we can give you the "wholesale" discount on a replacement counter. This "Expressed Limited Warranty" only applies if the equipment malfunctions or is defective through no fault of your own. "Wear and tear" is not included in this "Warranty."

Can Two People Use RFI Under One License?

We have allowed, for example, a husband and wife "team" to be on one license, although it is not something we do regularly. It could be considered based on someone's circumstances. However, only one person can be specified on the "Certificate of Licensure," so one person is going to have to agree to be the primary Licensee.

6.2.2 **Legal Aspects of RFI**

What Is the Legal Effect of the Statement in the License Agreement That "Any and All Discoveries, Improvements or Developments by Licensee Related to RFI Technology Shall Become and Remain the Intellectual Property of ITEM?"

- 1) The intent of this provision is to prevent people (including competitors) from purchasing **RFI**, and making small improvements in the data, process or method itself, and reselling it as their own technology. Since this would already be a violation of Federal Title 42 unfair competition law, and a violation of Federal Copyright and Trade Secret law, this restriction does not add anything new beyond the established requirements of law.
- 2) The effect of this provision is that if you made discoveries or improvements in the actual **RFI** data, method or process itself, the improvements remain part of our intellectual property. This is fair, because we offer the only Aura system in the world which exposes the inner workings of the process for the benefit of serious scientists, and but for our years of hard work and many thousands of dollars in investments, you would not have the possibility to realize such improvements.
- 3) ITEM has maintained full legal "Patent Priority" over competing patent applications under the requirements of Federal Patent Law. Therefore, any improvements or developments that you could possibly make would be disqualified from a patent anyway, and if you beat us to the Patent Office, the Federal District Court would invalidate your patent as a violation of our established priority. Therefore, you could not do anything with such discoveries anyway, so the provision does not add anything new beyond the established requirements of law.
- 4) Our offering licenses to become a Licensed Investigator of **RFI** is a way for us to share our

Trade Secrets and patentable process and data, without losing our intellectual property rights, so that you can benefit from the technology. This licensing system also allows us to collect questions, comments and data from our **RFI** Investigators, which helps us move the technology towards its ultimate patentable state, and allows us to print updates which we mail to all licensed users. Therefore, just as your contributions will help others, their contributions will help you. This is the real benefit of this provision. ITEM becomes a clearinghouse for all **RFI** developments and discoveries, for the benefit of all licensed users. In summary, it is like an exclusive club, sharing trade secrets, while protecting our intellectual property rights against competitors.

- 5) **RFI** is intended to be used to help you develop other technologies, such as inventing and developing effective bioenergy generators, sound and light therapies, etc., and this provision does not in any way compromise your full rights to any other technology which you may develop, even if it uses **RFI** for its development or effectiveness. The restriction covers only developments in the actual Aura imaging process itself. Since you are not in the business of inventing Aura technologies, this should not apply to you or your own intellectual property, and you are free and clear of any effects of this provision.

6.2.3 Technical Questions About RFI

Why Is This Method of Analysis Called "Resonant Field Imaging"?

The process is known as "**Resonant Field Imaging**" simply because the program is based on calculating the frequency of color in the visible light spectrum that is in **resonance** with the actual frequency detected during Aura readings.

I am Interested in the Ultraviolet Range of Frequencies in the Aura; How Does RFI Provide This Type of Monitoring?

You can buy equipment that will allow you to read wavelengths at the visible to ultraviolet (UV) range, but these are expensive and not practical unless you have a big budget. If you are interested in obtaining equivalent UV readings from the **RFI** frequency counter, all you need to do is extrapolate the **RFI** readings up to this range through principles of harmonics and, theoretically, you would get valid UV spectra results.

How Can You Use RFI to Monitor Ambient Energies in a Room?

Reading aura colors of a room is exactly like interpreting colors around a human body for the Emotional Level (Psychological Level). For example, if there is a large zone of blue energy in a particular corner of a room, that area is or has been an area of excellent communication; if there is an orange zone, this means that the area is a center of healing energy, and so on. The Point/Object Analysis feature of the software was developed for this purpose. A custom chart or map could be developed to track the frequencies and colors detected.

What Frequency Types Does the RFI System Monitor?

Bioenergy mechanics involves intricate theories of electrophysics, specifically torsion field physics. While examining dynamic torsion fields are not cost effective for the average consumer, fortunately bioenergies produce residual EM wave frequencies in the MHz range (among others), with typically smaller wavelengths than radio and TV waves. **RFI** measures these EM frequencies, which through trade secret formulas are converted to colors in the visible spectrum, allowing **RFI** to create full-body aura and brain images.

How Would I Determine the Shape and Contour of the Aura Using RFI?

RFI will not give you any indication on the shape of Auras, beyond the general knowledge that the Health Level exists from 0 to 4 inches from the body and the Psychological Level exists from 4 to 18 inches. To determine shape and contour, we recommend that you use dowsing rods. This method has been used for a long time, and there are many books available on it. Yet be aware of one key point – although we have discussed boundary layers of interaction between the Aura and the environment, in theory there are no restrictions on the Aura. All EM waves travel infinitely in theory. The Aura is really only those continuously emitted EM waves in the local area around the body. Have you ever heard the esoteric principle that “all things are connected and are one?” The Auras of all things do interact and connect. In the truest metaphysical sense, there is no shape or contour to the Aura, but in a practical sense, shape and contour can be determined – relatively speaking – based on finding the boundary of a certain field strength level; this can be done by dowsing rods, or perhaps even using a field strength meter.

Do Magnetic Fields Affect RFI Readings?

Electromagnetic waves consist of both electric and magnetic components. When we talk of localized electric or magnetic fields, we are talking about a single element of a dual component field. Magnetic waves or fields, in themselves, will not affect **RFI** readings, although the magnetic component of EM waves or fields may affect the Aura of the person you are measuring. If the magnetic waves or fields are coupled with electric fields, as is the case for localized EM fields, the strength of the electric field – along with the frequency of the EM waves within the field – are the most important considerations in whether the frequency counter will detect the EM waves. So, the magnetic field component of EM waves or fields does not directly influence **RFI** measurements. However, with localized EM fields in general, the stronger the magnetic field component, the stronger the electric field component, so the result is that you should be able to detect EM waves or fields that have strong magnetic components associated with them. If, on the other hand, the

EM waves are not localized but instead originate from a source some distance away, the magnetic and electric field components may be “decoupled” from each other; in this case, a strong magnetic field will have a weak electric field associated with it, and you may not be able to detect the wave with the frequency counter. The interested reader should refer to advanced texts on electromagnetism for additional information.

What is the Difference Between Electromagnetic Waves and Fields?

A source or transmitter of EM waves produces an EM field; the human body, for example, is a transmitter of EM waves (through underlying torsion field bioenergies) that produces an EM field (the Aura). An EM field is nothing more than an area of localized EM waves that are continuously emitted from the source, which may overlap, interfere, or otherwise combine to form a complex “mass” of EM waves that we generally call an EM field.

Would Sources of High-Strength EM Waves Like Radio Frequencies Affect the Functioning of the RFI Antenna?

Please refer to Section 5.0. Interference can be found in one of two ways: 1) by using the filter built into the frequency counter and observing non-zero frequency readings, and 2) observing a response in the signal strength bar graph. We recommend turning off electrical appliances and devices during readings (although such waves will not generally interfere with readings). Computer emissions will also not generally interfere with measurements. If such interference is found, then you should check to see if any high-energy devices are operating (e.g., microwaves, cellular telephones, etc.) and turn them off. If you cannot identify and eliminate the source of interference, you may need to relocate to an area where the filter and signal strength bar graph does not detect interference, or in some cases may want to construct a simple shield or an antenna filter. If you continue to experience problems, ITEM staff is available for assistance. Most Investigators never have problems in this regard.

Some of the Books I Have Read Suggest There May Be a Link in the Degree of a Person's Spirituality and the MHz They Emit. Do You Agree?

Generally speaking, we agree with the books on this topic. But we don't discuss this idea too deeply in our materials because we don't have enough scientific proof of this theory. For example, we have noticed that the higher the frequency for some colors like green, the higher the degree of, for example, love. But for other colors, like purple, the lower the frequencies the more "tranquil" or "at peace" the person is, or so it seems from our preliminary data. As we try to explain in our materials, we don't have *all* the answers and we encourage **RFI** users to give us feedback so that we can evaluate the information in light of our findings and update our materials accordingly. If you do find out anything interesting, your sharing of that information would be invaluable to us.

Can I Measure Frequencies with the Battery Charging Adapter Plugged into the Electrical Outlet?

This is not recommended, as it will not produce accurate readings. The electricity will itself generate an EM field that will reduce the accuracy of your measurements. We recommend that you charge the batteries overnight for use during the day. If your frequency counter will be used often during the day, you may also want to purchase an additional counter from ITEM, which we make available to **RFI** Investigators at wholesale cost (see <http://www.item-bioenergy.com/password/updates.asp>).

Would a Faraday Cage Eliminate Some of the Extraneous "Noise" That is Sometimes Observed in the RFI Process?

A Faraday Cage may add an additional level of "protection" for **RFI** measurements, but it would not be needed unless a persistent source of interference was identified that could not be eliminated. If

neither the filter nor the signal strength bar graph indicate interference, there would be no need for any additional protection. If persistent interference is detected, a Faraday cage may work, but so would less expensive alternatives such as 1) a thin sheet of metal or plastic held behind the antenna, 2) an in-line filter, and 3) finding a new location for **RFI** measurements. The use of a Faraday cage is questionable because taking the subject out of his or her natural environment will yield unrealistic results.

I Notice That You Do Not Have Animal Body Outlines in the Software. Could You Use the Human Body Outlines for Animal Measurements?

Sure, you could use the human body outline for pets. However, it may be more useful for you to take a picture (or draw a sketch) of the animal and load it into the software using the Tools– New Custom Template function. The only drawback at this time is that when you take measurements and enter them into the regions you created on the animal template, you will need to select only one type of interpretation (usually either Psychological or Health).

I'm an Acupuncturist and I Would Like to Know if RFI Is Able to Detect the "Color" of Acupuncture Points and if Anybody Had Any Success of Changing Their Color

Your question really shows the type of creative thinking that has driven our development of the **RFI** system from the beginning. In fact, in our Moscow office we have experimented with precisely that application. The **RFI** system currently comes with a frequency counter, and an antenna that connects to the counter by a "BNC" connector. We simply purchased a BNC adapter at a local electronics store, and connected a wire from the BNC adapter that was then attached to either electrodes (sticky pads like for electrostimulation) or short probes (like for electronics diagnostics). We were very excited to find that both the electrodes and the probes, when directly touching the specific acupressure or meridian points, accurately conveyed the bioenergy signal to the frequency counter. The result was that the **RFI** computer program accurately identified specific

bioenergy colors. Just like with the Aura, our experiments with **RFI** did show immediate changes in the color of bioenergy in the accupressure points after applying certain therapy techniques.

Is RFI Able to Detect the Quantity and Quality of the Energy Field?

The **RFI** system definitely detects the "quality" of the energy field by revealing the objective optical spectrum color of the bioenergy field vibrations, and translating those numbers into specific Psychological and Health interpretations. The **RFI** system does not detect "quantity", because the quantity of a bioenergy field is measured by its voltage or electric field strength. **RFI** uses a frequency counter, which has circuitry different from an ambient field strength meter. We hope that soon we can bring our **RFI** users a dual measurement system that can simultaneously detect frequency and electric field strength, but first we need to conduct more research into what the various field strength levels indicate in the context of frequency and color.

I Am Using a Special Chart Classifying the 365 Acupuncture Points by Color. This Chart Is from Research by Two Physicists Who Use a Pendulum to Detect the Energy Field. They Were Determined on an Acupuncture Chart and are Supposed to Represent the "Healthy-Normal" Vibration. How Does RFI Correlate to This?

There are many systems and conceptions of metaphysical analysis of Chakras and acupuncture points that rely on reference colors to judge whether the condition of a person is "healthy." Most of these conceptions are based upon experiential explorations of many people's bioenergy fields, and trying to identify which colors are commonly found in "healthy" subjects.

It is very important to note, however, that reference colors cannot be technically sufficient as a basis for evaluating the "health" of an individual person's condition. Both physical and psychological health is essentially a function of a person's adaptation to their environment. If a person lives in an aggressive environment, for example, a bioenergy field showing "openness" of

channels (i.e., high receptivity to and interaction with other people's bioenergies) would be "unhealthy," whereas if the person lived in a loving and supportive environment, that same bioenergy configuration would be "healthy."

Therefore, instead of using color reference charts with "default" colors considered to indicate "health," ITEM focuses on the objective technical evaluation of the "function" of each bioenergy color. In other words, we don't try to judge whether each color is "good" or "bad," but simply use an objective identification of what that color bioenergy does, as a function. Then, using that technical information, we can determine whether it is healthy or not in the context of a comprehensive holistic analysis for each individual person.

This is the principle behind ITEM's **RFI** system, in which a computer program uses our years of research to identify the colors, and automatically generate reports analyzing the colors in the context of both the Health and Psychological Levels of the Aura. This is an important issue for all scientists to think about when attempting to interpret their findings of bioenergy colors in any specific parts of the body or bioenergy field.

**What Kind of Measurements Are Possible With RFI in the Field of Materials? I
Understood That the Signal One Can Obtain from Materials is in Relation with Valence
Electrons. Is This True?**

It is absolutely true that physical matter (i.e., material objects) can contain great amounts of information, retained in the patterns and motions of its valence electrons. The practice of well-trained psychics "reading" such energy patterns to get that information is traditionally known as "psychometry."

RFI was specifically engineered to allow us to read as much of this information from material objects as possible, but without having to rely on human skill or ability. Surprisingly, the

information that **RFI** provided for various objects during initial experiments confirmed the "readings" of psychics using psychometry on the same objects, even exceeding the information that psychics could give, both in scope and detail. The electrofield analysis provided by the **RFI** system allows us to detect and record specific information about the history of an object, revealing 3 different perspectives: (1) the environment where the object was located or stored, and the predominant metaphysical and mental energies which describe the purpose or function of the place or environment where the object was found, (2) the psychological profile of a previous owner of the object, and (3) the inherent bioenergy properties of the object itself, such as whether it can heal, or what effect it may have on human health or psychology.

Because of the outstanding results that **RFI** consistently gave us with objects during our initial exploratory research, we have come to rely on it as a solid and scientific tool in archeological explorations, as well as on-site evaluations of homes and houses to analyze paranormal phenomena. **RFI** has also proven to be an outstanding tool for herbalism, objectively identifying both the healing properties and more metaphysical (emotional/psychological) effects of herbs.

Have You Ever Done RFI Readings While People are Given the Air of Different Aromatic Plants to Breathe?

We have done some experiments with our **RFI** system in evaluating the therapeutic effects, on a bioenergy level, of various aromatic beads, herbs and plant species. The findings overwhelmingly suggest that such aromatic therapy can have significant beneficial results on an individual's energy field.

What are Your Suggestions for Using RFI to Monitor Health Conditions?

Here are steps you can take to monitor health conditions over time using the bioenergy principles of **RFI**. Remember, **RFI** is not a substitute for medical advice and diagnosis, just a supplemental

analysis tool (ITEM makes no medical claims whatsoever).

If you are analyzing an individual with a known medical condition:

- Place the antenna in the Health Aura (within 4 inches of the body) at the approximate location where the health problem exists. For example, if the subject has a known condition of the liver, place the antenna (specifically the black node of the antenna) near the right side of the lower abdomen (stomach). Make sure you avoid the Chakra points directly down the centerline of the front of the body if you are measuring internal organs near the front of the body. Measure the frequency of this area, and record this number and its corresponding color for future analysis in the software program. This is your baseline measurement. **RFI** will indicate that there may be a health problem if the color of the electrofield at this region is red or possibly black; if it is not these colors, then physiological processes are likely occurring that are currently healing the affected area.
- After the subject receives treatment, take another frequency measurement of the affected area. You should look for two things when you take measurements after a baseline measurement: 1) If the consecutive readings are higher than the previous measurements, the affected area may be improving in health, and 2) If the color of the region changes from red or orange to other colors, the area may be improving in health. For example: a physician diagnoses a man to have heart disease. You take a baseline frequency measurement at the heart of 120 MHz, corresponding to the color Orange. The man undergoes surgery, and when he has recuperated you take another measurement, and this time it is 145 MHz, corresponding to the color Green. This measurement is significant because the frequency has increased, which may indicate improved health in this area. Also, the color has changed to Green, which indicates that there may be increased circulation in that area.

If you are analyzing an individual with an unknown medical condition or monitoring for general health:

- Make a scan of the entire Health Aura and record the frequency measurements and colors. Use the same procedure as with monitoring a known condition over time. For example, if you see decreases in frequencies over several consecutive readings (over at least a few weeks) at a particular health region, the subject may be experiencing illness in that area. Also, a potential warning sign is if you identify red or possibly black in any part of the Health Aura. If you do identify red or black, wait at least another day to take another measurement at that region. If it still this color, then you may want to suggest that the subject seek medical advice, regardless if there are any symptoms. Since **RFI** works on bioenergy principles, it may be able to detect potential health problems even before they become symptoms.

Why Do the Frequency Numbers "Jump" So Frequently?

Please refer to Section 5.1. Frequency fluctuations are simply an indicator of change. The rate of fluctuations can be an indicator of relative stability and instability. The objective, undeniable fact is that Auras do change constantly, and that even the same colors resonate on different frequencies. Indeed, any conscious or unconscious thought or movement can induce a change in frequencies. Any Aura system that does not give fluctuating real-time readings is hiding the true information from you, and is thus incapable of giving any truly objective information. Several years of intensive research at ITEM has proven that fluctuations are NOT caused by "interference," and that usual "interference" (i.e., all except for certain high-strength industrial signals) does not affect or influence the **RFI** readings, although interference may affect a person's Aura. As long as the **RFI** frequency counter's filter and signal strength bar graph does not indicate interference, you can be assured that the readings are indeed bioenergies. Furthermore, we have eliminated the need for you to become overly concerned with frequency fluctuations by identifying the *third* displayed

frequency at the third gate speed as the predominant frequency at any particular Aura region (see Section 3.0).

I've Been Practicing Psychometry and Need a More Detailed Description of the Colors and Meaning Emanating from the Object Under Study. Do You Have a More Detailed Explanation in This Particular Area?

The practice of psychometry involves "sympathetic vibration" - that is, the establishment of an energy "channel" or bridge between the object's frequencies and the brain's frequencies. In other words, your brain is generally trained to "step down" its frequencies so that it can come into resonance with the object's frequencies. A good description of how to do this is explained in ITEM's Professional Development Series in Energy Medicine. Trained psychometrists can, through sympathetic vibration, discern the origin and significant events in the history of the object, for each person who comes into contact with it leaves a residual energy imprint which people with this specialized training can read. This is a skill that must be developed- like visualizing the Aura field. However, **RFI** can be of some use to psychometrists - by determining the predominant frequencies surrounding the object, and entering that frequency into the Point/Object Analysis feature of the software (using the Psychological Level), you can observe the predominant energies imprinted on the object. For example, if the object's field is "Red," the psychometrist would get a basic idea that this object was highly desired for its materialistic value or the owner was materialistic.

The Background Noise in Our House Fluctuates Around 40-50 MHz, and Our Aura Frequencies are in the Same General Range. The Aura Values do Appear to Deviate Systematically from the Background Noise Values. Why Do Some People Have Relatively Low Values Like Us and Others Have Much Higher Values (in the Hundreds of MHz)?

Fundamentally, the ambient bioenergies in your environment (natural background radiation) can play a major role in the frequencies expressed in your own Aura. If the ambient bioenergies are in the 300 - 400 MHz range, for example, your bioenergies can typically be in this range or slightly higher. There is indeed a question about the cause and effect basis for ambient bioenergies - on the one hand, if you and your house companions have strong energy fields (i.e., if you are strong-willed by nature, charismatic, lots of energy, etc.), you can affect the surrounding ambient bioenergies of your home. On the other hand if you are depressed, have low self-esteem, etc., you are more receptive to influences from your environment and ambient bioenergies can affect your bioenergy field. There are other considerations as well: 1) if you are very receptive to energy fields in your environment, you may find that your bioenergy field will change from one environment to another (for example your Crown Chakra may be 60 MHz at home and 200 MHz at work); 2) the presence or absence of other bioenergies, such as plants, can increase frequencies in a room - also, the positioning of the plants and even inanimate objects like furniture can change the frequency patterns of the room; 3) there is a possibility that the bioenergies of your hands project outward so far that the antenna will actually pick up on it. In other words, you may be reading your own outer level Aura frequencies when you are attempting to measure the ambient air of your home. A good way to test this is to put on 100% cotton gloves, wait for several minutes for the cotton to begin absorbing the bioenergy field of your hands (which causes it to retract back toward the body), then collect your measurements. If frequencies seem to be different than before, you could conclude that previously you were accidentally measuring your own energy field. Also, remember to "clear" the antenna frequently when taking measurements.

Have You Ever Heard of Anyone Offering an Attachment to the RFI Frequency Counter That Would Let Us Hook It Up Directly to the Computer? It Would Increase the Precision of the Measurement By Letting Us Calculate Average Values Over a Given Time.

We are experimenting with that issue right now. The reason we haven't upgraded RFI to this level

of real-time data integration up to this point is two-fold: 1) the programming task of converting digital frequency measurements, sending it through an RS-232 or USB port to your computer, and then transforming the data into useable information that can be monitored, is a very complicated task indeed although we are gradually moving in that direction; and 2) the vast majority of **RFI** users are happy with the process as it is because most enjoy the "user-level" control. However, we are working on a real-time data integration feature, although this may not be ready for a year or two. All licensed **RFI** users will have the opportunity to order upgraded models at substantial discounts.

I Took RFI Measurements Just to Check the Space Where I Would Be Working on My Clients. The Readings are Very High, 800 MHz, 600 MHz, etc., With the Majority in the 800's. I Have Measured Several Buildings but This Is the Highest. Do You Have Any Idea Why It Would Be So High? There are Plants in the Center of the Building. I Have Also Noticed Higher Readings on My Clients Measured in This Building.

There is an eastern art called Feng Shui that involves positioning certain geometric shapes, furniture and plants in arrangements that best promote healing atmospheres. This is one possibility, that the building is first of all placed in an ideal location (there are what are called "energy nodes" all over the earth at mathematically defined locations that are known to be generators of energy), and the objects within the building are situated to promote the generation of energies. We have heard that positioning certain plants in the center of the room tends to maximize the healing atmosphere. Another possibility may be there is some type of high frequency transmitter somewhere in the building, however I doubt this is the case unless there is some type of radio or cellular transmission tower or utility company located within, on or nearby the building.

An interesting thing to test here would be measuring people while in the building, then afterwards when they are home. It would be interesting to see if the bioenergies decrease in frequencies, as

they likely would, but also if the colors remain similar. If you see lots of reds and grays/blacks in the Aura while they are home, then purples, greens and blues when at the building, this would be good evidence to support that the building is a natural healing zone.

The RFI Readings Fluctuate from 200 MHz to 800 MHz as I Rotate 360 Degrees. Moreover, Every Time I Rotate, My Head Starts Spinning. I've Measured at Other Places That Were Much Better and the Readings Do Not Fluctuate More Than 100 MHz, and My Head Doesn't Spin. Is There a Possibility of Harmonic Waves in the House That Cause the Chaotic Mental Charges in the Brain That May Make Sensitive People Have Delusions and Insomnia?

The scientific issue here for analysis is not "fluctuation," but rather "detection" of certain levels of frequency. The mere fact of the change in frequencies does not tell us anything that we can interpret, other than the environment is relatively unstable. The level of frequencies that you detected, however, can be interpreted. The frequency of resonance of energy fields defines their level of "informativity," also called "infoconductivity" or rate of "energyinformatic exchange." Accordingly, low frequencies mean that the energy field detected has low activity, low influence on the human brain and body, and a low level of exchanging energy-information (bioenergies) between itself and humans. Conversely, high frequencies mean that the energy field has a high level of exchanging energy-information with humans, thus having a high influence on the brain and body. As you rotate 360 degrees, you eventually turn the antenna towards the beginning of a highly active energy field. We would scientifically say that you "detected" that field, and that the field has "high informativity" and thus a high influence on the brain and body. This is why you feel those sensations when you encounter it.

I Have Measured Frequencies of 80 to 110 MHz in Most Rooms of My Home, But I Have Discovered One Very Small Area Where the Frequency Jumps to 650 to 750 MHz. What Does This Mean?

It could mean a lot of different things. For example, when we have conducted paranormal investigations, we have noticed a significant “jump” in ambient frequencies when we encountered a “portal” for metaphysical entities to enter or exit our “plane” or “dimension.” Also, if you are familiar with pyramid and geometric energies, you know that there is a “focal point” of extreme high energy in relation to surrounding areas – perhaps something in the room is acting as an energy generator for this purpose. There are unlimited possibilities, and we can help you with the interpretations of what you find, but ultimately you will learn to assess these situations and come to your own conclusions through experience (as we have). Remember, fundamentally, every number that you read on the counter is a “right” number. If the numbers “jump” frequently, this just means that there are oscillations of high “dynamic” or “unstable” energy, and that several EM waves are overlapping in the same space.

Is There an Ideal Position for the Client to Be in for Taking Readings– Standing, Sitting, or Lying Down? I Get Very Different Readings Taken From Each Position Only Minutes Apart.

We do not recommend that the subject lie down during measurements, because the emphasis for data collection is the front and sides of the body; when lying down, it is more difficult to position the antenna properly to obtain data from the sides of the body than when the subject is standing upright or sitting on a bench seat. You should always keep the antenna positioned perpendicular to the body and parallel to the ground, with the “clip” of the antenna at the approximate mid-point of the region of interest. Changing the orientation of the antenna from perpendicular to the body to parallel will definitely introduce a greater area of the Aura for the antenna to interact with, and thus influence your frequency measurements.

I've Come Up With My Own Methods of Consistency When Measuring the Same Person in the Same Way Over Several Days, and Yet the Readings are Very Different Each Time.

There Almost Appears to Be a Total Randomness to the Outcome No Matter What I Do. Do You Have Any Suggestions to Help Me Either Get Some Degree of Consistency or to Learn to Analyze the Results So I Can See Some Very Basic Level of Consistency?

We would have a number of questions for you before assessing the condition further; for example, if the frequency data does not appear to be consistent, is there some level of consistency in the colors? Is the person in the same physical and emotional state each time? Is it the same time of day? Is it in the same physical location? Are you always wearing the cotton lab coat? Are you frequently "clearing" the antenna? Have you observed any response with the filter on or in the signal strength bar graph? There are far too many variables to evaluate it at this time. In at least one case, a user recorded almost every possible variable, and we were really able to gain a good understanding of what was potentially happening. What we do know is that frequencies "jump" because of specific factors or reasons, and that those reasons can be discovered with patience and experience; nothing in the universe is truly random in the sense that there is no underlying meaning. ITEM is always available to assist you in these types of conditions, but in order for ITEM to provide the maximum benefit to you, you will need to precisely define the conditions and details of your situation.

Is There Some Database of Readings You Have That I Could Refer to for Comparison So I Can Get Some Kind of Idea About What You or Other People Have Found?

We have been tracking the research of our global network of **RFI** Investigators for several years. The results are not generally stored in an electronic database, but rather as "case files." If you are interested in a particular line of research, we can put you in touch with other researchers around the world with similar interests.

I Have a Question About RFI Measurements. It Seems That the Measurements I Collect Will Vary As Much As 50 MHz Or So Depending on the Direction I Am Facing. Is This Normal?

When detecting and evaluating subtle energies, everything is very site-specific. In other words, it really depends a lot on your environment where you're taking the readings, including the presence of people, other living things, even "metaphysical" entities, and often the presence of crystals and magnets in a room can cause such responses. Also, you must consider that your own Aura may be changing frequently, and that you are detecting the influence of your own Aura on the surrounding environment.

When you detect such "variable" or relatively "unstable" responses, this is an indicator of the level of information-energy exchange in your surroundings. Sometimes you may be able to find locations that are void of anything except natural background radiation, and the frequency readings can be relatively static. Other times, when you think you are in a spot where nothing could possibly influence the readings, you may get high frequency "spikes" that seem to come from nowhere. It is then interesting to investigate the source of those energy permeations. In one case, an Investigator found that a loved one many miles away was thinking intensely about the Investigator - at the same approximate time, the Investigator started receiving readings that were unusually variable and atypical of the environment he was in. When trying to replicate this discovery, he got mixed results – sometimes the telepathic transmission caused the "excitation," and sometimes it did not, and we are not completely sure why it did not work all the time.

The **RFI** system, like any other "system" such as an EEG or anything else that provides variable data feedback, requires experience and a good understanding of the fundamentals for its efficient use. We like to stress to people to take their time reading the materials before jumping into too much experimentation. Often people don't read the materials, have certain expectations in their minds, and jump right into full readings on subjects - this often leads to confusion and sometimes

disappointment because they haven't taken the time to learn how to really use it. So I would recommend taking your time with it, and contacting ITEM with questions. Energy is perpetual and often unpredictable, so becoming wise in the efficient detection of this energy is the best thing **RFI** users can do before jumping in too quick (which is why we advocate that **RFI** users take the Professional Development Series in Energy Medicine in conjunction with learning **RFI**).

How Can I Use RFI for Researching Samples of Blood?

You can place samples of blood in a small petri dish (like one would use for culturing bacteria or cells), making sure of course that there is no interference in the area (using the filter and signal strength bar graph as a check). You may even want to consider placing the sample under some kind of glass or metal shielding device (as long as you leave space for the antenna to enter), as this will further help to reflect some extraneous frequencies in the room. Use the shortest antenna length. Place the petri dish containing the samples on a clean flat surface, and place the tip of the antenna as close as you can to the sample without touching it, holding the counter and antenna parallel to the flat surface. People should stand at least 6 feet away from the sample as you take the measurement, to ensure that the antenna does not pick up on their fields. We would also recommend the use of 100% cotton gloves to help absorb some of the energies radiating from your hand. Using the third gate speed setting, hold the tip of the antenna next to the sample for about 15 seconds or so to see if the readings "equilibrate" or stabilize. If the readings seem to jump frequently, this is a possible indicator of a "healthy" blood sample, as the blood is radiating a lot of information. If the readings do not stabilize, then press the Hold button after the third reading and use this frequency for input directly into the "Point/Object Analysis" function of the software (Health Level Analysis) to examine the interpretation. Make sure you record the frequency, for comparison with other samples. In general, it is fair to say that higher frequencies usually indicate a "healthier" sample because there is a higher rate of energy/information exchange between the sample and the environment (i.e., blood cells and fluids exchanging oxygen and nutrients at a faster rate). This procedure can be used for other biological samples as well.

What is the Chance That a Person Could Have a Certain Aura at Any Particular Time?

The mathematical formula to calculate the number of permutations of a fixed system is $N = X^Y$ that is, $N = X$ to the exponential power of Y . In this formula, X = the number of varying values (i.e., colors), Y = the number of spatially fixed regions, or positions, and N = the resulting number of permutations. Using the permutation formula, we can calculate the number of different possible Aura configurations that a person could have at any particular moment in time.

There are 40 regions of the Aura that contribute to a **RFI** color chart, each of which can be any of 15 different colors at any moment in time. Therefore, the human Aura as a whole will have at least 1.1×10^{47} permutations (possible combinations) of Aura configurations at any particular moment in time (15^{40}). It is almost impossible to describe the unbelievable magnitude of this number of combinations. In other words, there is less than a one in a trillion trillion trillion trillion chance that a particular person could have a particular Aura configuration at one particular moment in time. The phenomenal mathematical improbability of having any one particular Aura configuration is compelling evidence that there must be some substantial reason why the person did not have one of over millions of trillions of other different Auras, and demonstrates that the particular Aura configuration detected by **RFI** cannot simply be dismissed as the product of chance or error. Statistically, it cannot be merely a coincidence to have one particular Aura configuration, especially when that Aura, when empirically interpreted, has a close and strong rational relation to the person's clinically verified health and psychological conditions. The fact that **RFI** successfully detects that one, single, outrageously improbable Aura configuration, which accurately and precisely reflects the person's actual condition, is practical proof that **RFI** results are valid.

7.0 AURA IMAGING WORKSHOP AND DISCUSSION

The following is an excerpt from ITEM's transcript of class lectures and discussions, entitled Lectures in Energyinformatic Science: A Two Month Course in Energy Medicine. The course was held in Moscow, Russia in 1998. We provide this excerpt for additional guidance as you begin to understand how to use **RFI** in practice. Please keep in mind that the **RFI** readings described herein were conducted prior to the current frequency counter model and **RFI** software program.

7.1 THE PARTICIPANTS

Matthew Greene, J.D. (PROFESSOR): Founder of ITEM, co-inventor of **RFI**, attorney at law specializing in health care, certified medical hypnotherapist, certified paranormal psychologist, charter member of Russian Academy of Natural Sciences, Chairman of Government Reports Subcommittee of American Chamber of Commerce in Moscow Health Care Committee.

AJ White, R.N., M.S. (AJ): Critical care nurse, medical school professor, former President of American Association of Critical Care Nurses, former primary care practitioner for American Embassy in Moscow Health Unit, and member of American Chamber of Commerce in Moscow Health Care Committee.

Mohammad Mirza, M.D. (MIRZA): Medical doctor, emergency surgeon, former medical officer of Pakistan Government Hospital, and former medical officer of Iran Ministry of Health.

Steve Pleickhardt, D.M.D. (STEVE): Dental surgeon, staff surgeon at American Dental Center in Moscow, Russia.

Laura Verbitsky (LAURA): Traveler from Scotland, student of metaphysical science and parapsychology in Czech Republic, Russia, Ireland, Singapore, and Egypt.

7.2 **DISCUSSION OF AURA STRUCTURE AND INTERPRETATION**

PROFESSOR: OK. In the last class, we were talking about the Chakra system. Since AJ wasn't here, AJ, do you have any independent knowledge of your own about what a Chakra is?

AJ: Actually, the latest definition that I have heard of Chakras that I probably like the best, and that we can relate to the current time, is information that comes from Carolyn Myss. It's a book called "Anatomy of the Spirit," a book that she's written. Her definition - or interpretation - I like the best, because we can relate it to what we know now. As opposed to speaking of Chakras as "vortexes" of energy, where you take in energy or interact with world energy, she describes them more as a part of a computer, and that part processes information from that particular area, for example the base Chakra, and the energy that goes along with that. It makes just a whole lot of sense, in that if we tie into world energy, but you consider that world energy as having all information in the world, and then you process it through those different processing parts in your body. Isn't that a good idea? Isn't that a nice way of thinking about it? Well it is for me. It fits well with my right brain.

PROFESSOR: So the Chakras, then, are channels of energy-information exchange between the outside environment and the human body and mind.

AJ: Right.

PROFESSOR: Let's review a bit from the last class, because we are going to look at some Chakras today. We looked at the Russian explanation of what the Chakras are, which is that based on the right-left brain theory, of how the energies flow inwards on the left of the body and outwards on the right, along the spinal column on the left side of the body the energies are flowing upwards, and on the right side they are flowing downwards. At certain points, where the Chakras are located, the energies "flip-flop" so that the right flow switches over to the left, and the left flow

switches over to the right, so they cross over and cross back before they continue their original paths. We then discussed the electrofield physics of how when they cross, they are flowing clockwise in a circle, and by flowing in that way, in a circle, it causes a torsion field to be generated, and it shoots out forwards, penetrating all levels of the Aura, while a more limited electromagnetic field is also generated that radiates outwards both forwards and backwards.

Now, the Aura itself has two primary levels. From 0-4 inches away from the physical body, this is called the "Health Level," because that level is so close to the body, that it reflects the smaller, lower level emanations of cellular activity, and neurological electrical activity with their surrounding fields, and just biological stuff. So the information that we get from that inner level of the Aura is health information, about the physical functioning of the biological body. From 4-18 inches away from the body - a much bigger area - is what's called the "Emotional Level," or "Emotional Body." That contains more of the psychology, the brain waves, and the emotions, and those subtle energies that flow through and around the human body. Then, on the top, above the emotional level, above the shoulders and the head, about 18-24 inches away from the body, there is something that we call the "Causal Body", which can also be considered our "higher self." That's the deeper mental energies that have to do with our metaphysical being, our electrofield consciousness that is believed to manifest and become the physical body, or, more accurately, to inhabit the physical body and manipulate it through the electrical brain.

So these Chakra points, at the points where these flowing energies cross over and back at certain locations along the spinal column, these bioenergies shoot out, and penetrate all different levels of the Aura. So when you read a Chakra, they have to be interpreted differently than an electrical field indicating health conditions or psychological conditions. They are a little bit more pure, and less variable, so they are more invariable, or fixed.

Traditionally, the colors associated with the Chakras, starting from the bottom Chakra upwards, are red in the Base Chakra, orange in the Sacral Chakra, yellow in the Solar Plexus, green at the

Heart, blue at the Throat, and purple around the traditional Third Eye area on the forehead. And then on the top, there's a deep violet that is called the "Crown Chakra," which is also the Causal Body. These colors are the basic colors of the optical spectrum, like the primary colors of bioenergy - not the visual primary colors of an artist, but rather the fundamental colors of bioenergy. Within the universe, and the energy information that can be classified as colors, these are the seven basic identifiable colors - distinguishable colors - and each color frequency represents distinctive energy information. So when we detect bioenergy of a certain color, if it is one of these primary colors, we know what the interpretation is, what the meaning is. We know this just experimentally, because we have been able to calculate the frequencies of the different colors of the spectrum, and resonate them downwards into the electromagnetic range. Then, when we use an electromagnetic antenna to read them, like on this frequency counter here, we get that number and we can tell which color they are. And then, of course, we can observe the patient to see if their actual physical or psychological condition corresponds to the bioenergy information that is reflected in that Chakra, or that part of the Aura. So that's the basic theory of Aura imaging using electromagnetics.

At these points on the human body, in the Chakra system, there is this theory that if a person is "balanced" - in other words healthy, or psychologically balanced - then all of the Chakra areas in each position will reflect those traditional colors that are believed to be there. For example, in the heart area, it is traditionally considered green, but experimentally it is found to be not necessarily green, but it can be many different colors. So the metaphysical practitioner looks at the bioenergy in that area, and says "it's blue, when it's *supposed* to be green, so it must be unbalanced, and we must have to do something to correct this patient so that it becomes green, which it is *supposed* to be." Any ideas about that?

AJ: First of all, I haven't heard people say that, and I can't see why somebody would want to do that. That doesn't make sense to me. Personally, I would not go in and try to change the bioenergy of a certain area if that's the way it is.

PROFESSOR: Right. I think that your question of "why would we want to do that?" is exactly the right question to ask, because in energy medicine we have to engineer treatments for each individual patient. Health is a very individual thing, and what is healthy for one person is not necessarily healthy for another person. So you really hit the nail on the head, but a lot of bioenergy therapists and psychic healers practice that way with the philosophy that these are the "universal" energies and those are the "natural" positions of those energies, so if they are different then that must be a problem that needs to be fixed, but there's clearly some flaws and defects in that approach to therapy.

But what is clear - observationally clear - is that in each Chakra position, the traditional color, and the meaning of that color, identifies the topic, the category of information that is addressed by that position of bioenergy. So, for example, the Heart Chakra emanates a lot of bioenergy in a vortex, and it's supposed to be the color green that is considered "balanced," so if the color green is coming through that means that there are no obstacles, no conditions or anything altering the natural flow of those universal energies, so that's healthy. If there is something "in the way," however, such as purple instead of green, but it's in the green Chakra position, what that tells us is what is within that category - or topic - of the person's life, which would be emotions in the case of the Heart Chakra. Accordingly, we know that whatever energy is located in the Heart Chakra describes the condition - or the status - of that person's emotions. So instead of saying this person is "imbalanced," and there's a "block" or something that has to be removed, we instead look at it as valuable information. It may even be diagnostic information that we can use to analyze the patient's condition, both emotionally and physically.

AJ: I think that's probably one of the most important things to say, that there is this tendency to think that we have to "fix" everybody, and we find that we can't take away a coping mechanism or something that somebody has, unless you have the capability of giving them options for something else. Therefore, even though things visually don't seem to be right, it is still right for that person at

that time. Maybe at another time, they will have processed whatever that issue is, and things will change, but I think that's part of being non-judgmental, and not saying "I don't think that's right, let me come in and fix it for you." It doesn't work.

PROFESSOR: That's absolutely right, and coping mechanisms is a very important topic to talk about. That goes to the issue of "what is health?" and how we define health. Health is really how well a person interacts with their environment, and whether they can function in an effective and appropriate way in their environment. So health is a characteristic of functioning, and not of some normative values that would be imposed on people.

AJ: [Laughing] There are some people who might say that those of us who have chosen to live in Russia at this particular time have chosen to have a functional psychosis by being here, but the behavior that we exhibit here that would not be acceptable in another environment is perfectly acceptable here.

PROFESSOR: Oh, you mean all those Mafia deals that you do every day, AJ? [laughter] Yea, that kind of thing.

AJ: That's right.

PROFESSOR: It's healthy in this environment, and not healthy back in the States.

AJ: That's right, it's not healthy elsewhere. I think that's an important side note here, because I think that people behave differently here than they would on their own.

PROFESSOR: Yea, and a big part of the environment, and adjusting to the environment, is the psychological environment. For example, if child A is living in an abusive home, and child B is living in a healthy, emotionally supportive home, what is healthy for child B in the supportive home

would be having all of their energy channels, their Chakras, "open" and flowing their natural colors, having a healthy openness to receiving emotional energies, and their subconscious mind is open to receiving lots of suggestions, because they are getting encouragement, support, education and so forth, so having all the Chakras so-called "balanced" and "open" with their default colors is a healthy condition. For child A in the abusive home, that would not be a healthy condition, but a very unhealthy condition, which would make the child very vulnerable to maximum impact and damage to physical and psychological health from the environment. So a "healthy" condition for child A would be precisely to have some "blocks" in certain areas, particularly in the Heart Chakra related to emotions, and the Throat Chakra related to communication and openness.

AJ: I just heard of a new book that has come out, by a woman psychiatrist who has spent many hours interviewing the serial killers that have been on death row in the United States. What she found out is that these people were basically vulnerable human beings, and that 99.9 percent of them came from very abusive home situations, and there was also this possibility of them getting some kind of brain dysfunction, which of course could go along with being in an abusive situation, which affects the way your brain processes and develops. So if you become dysfunctional, at the ages of 2 or 3, it can be covered up socially, unless of course you go out and kill little cats and stuff like that, and you seem to be a normal person until all of a sudden this stuff is exhibited later in these bizarre serial killings. Anyway, I thought it was very interesting that the common denominators she was finding is the abusive stuff, and possible brain dysfunction from development. All of that stuff fits, that if the energy intake that you have at a very young age when you are very open and vulnerable is so negative that it causes the brain to develop a dysfunction, it would also obviously cause tremendous dysfunction emotionally. So if we could run around and make Aura images of these people, that would be very interesting.

PROFESSOR: Actually, you could do Aura images, but the images would have to be interpreted not by normative values, but with a thorough understanding and case study of that individual's past environment and their current environment. For the Chakras, at least, we can't just look at

the bioenergies and make a definite conclusion about whether they are "healthy" or not, but what we *can* get without any background, is an understanding of what condition they're in right now. So we can take somebody without any understanding of their background or even their current situation or environment, and we can look at which energy information is in which Chakra. Again, each Chakra is the category of a certain area or sphere of that person's life.

The Base Chakra contains information about the category of sexuality, personality and self identity. If it's not red, and there's something else in there like orange, orange is healing energy. So if we look at the "red" Chakra and we find orange, the way that we describe that is to say there is orange energy in the red category. In this example, in other words, there is healing energy in the category that describes self-identity. So if there's healing energy in that category, that tells us that there is some challenge in the area of self-identity, some problem which is the reason why it is healing. It could be somebody with a damaged ego from psychological abuse, and they're undergoing a healing process. Therefore, right away, without knowing anything about this person, we can tell something about that area of their lives.

The next area of our lives is the orange Chakra, which is all issues related to healing. So if there's a different bioenergy in the healing category, that would tell us either what kind of healing the person is experiencing at the time, or in what areas they are healing. For example, if there is green - which is emotions - in the orange Chakra, then that means there is information about emotion in the area of their life involving healing. So that would indicate to us that this person's healing energies are being applied at that moment in time to emotional issues. So in the healing Chakra, the question is "what kind of healing?" Since there's green energy, the answer is "emotional healing." Since there's no orange there, we can ask, "where are those orange energies going?" Well, they're going towards the areas of emotional issues.

Then, we look at the yellow Chakra, which is basically the adrenal glands, related to nervous activity. This category indicates something about nervous conditions or adrenaline conditions. It

doesn't necessarily mean that the person is nervous, there could be either an overstimulation or understimulation, so the person could be quite relaxed even with yellow bioenergy. The yellow Chakra, then, is a category related to being nervous or relaxed. So whatever bioenergy is located in the yellow Chakra tells us what things are influencing the condition of that person's nervousness or calmness. If we observe a person who is obviously very relaxed, and we look at what color of energy information is in the yellow Chakra, we might find blue. The question is "what factors are contributing to this person's state of relaxation?" If the answer is blue, which is related to communication, this is a person who feels relaxed and comforted when they have good communication in their environment.

The Chakras themselves identify the category of an area of the person's life. The color of bioenergy present in a Chakra, then, either describes the sphere of the person's life to which the energies from that Chakra position are being applied, or describes the factor, event or topic that is influencing and predominating the area of the person's life described by the Chakra category. This is different from when we read the Aura, and there's some part of the Aura - not any of the Chakras - that has a certain color of bioenergy. That only indicates that there is a certain color of energy information that is associated with that physical region, and does not indicate as much about the person's life or psychology as the energies in the Chakra system do.

Accordingly, if a person has a phobia about a certain part of their body such as the hand, and they're afraid that something is going to happen to their hand, such as a butcher who is afraid of the possibility of cutting himself, or a piano player who is fearful of any unknown improbable thing happening to his hands, and they're really worried about that, you might find yellow bioenergy in that area of the hand. That would indicate that there is some nervousness associated with that part of the body. Then, if they develop some kind of psychosomatic illness in their hand, and all of a sudden they couldn't use their hand because of some psychosomatic pain or paralysis, and they couldn't go to work anymore, the yellow bioenergy there in the Health Level would tell you right away the reason why. It is because they are nervous about their hand, and developed a

psychological complex that caused a psychosomatic reaction, which in turn caused their hand to stop working properly. You can now correct that with a hypnotherapy, to deprogram the belief and the fear, and the psychosomatic paralysis will go away, and then they can go back to work. . . if they dare. [laughter] But what color we find in the yellow Chakra itself, that just tells us what factors are contributing to their general state of nervousness or relaxation.

The Heart Chakra is the category of emotions, and the Throat Chakra is the category of communication, and the Third Eye Chakra is the category of intellectual, psychic or spiritual activity. So really that is the basic method that we use to analyze the Chakras. We first look at the category, which is defined by the meaning of the traditional universal color associated with that Chakra. The color of bioenergy that is actually detected at that Chakra indicates how the person is processing life situations defined by that category. So that's how we interpret Chakras, and that's what they mean to us.

The rest of the Health Level Aura analysis is just which bioenergies are associated with different parts of the physical body. For the physical body, it is very straightforward. There's a part of the body, and you put the antenna there within 4 inches, and there's a color of bioenergy there, and that just tells you plain and simple that there are certain bioenergies or mental energies associated with that part of the body.

On the Psychological Level, the Emotional Level, there is less association with the physical body, because we're talking about emotions, thoughts and feelings. So what gives us the most information is applying the right-left brain theory. The left side of the body becomes a macrocosm for the right side of the brain, and the right side of the body becomes a macrocosm for the left side of the brain. When we are reading the Emotional Level of the area from 4 to 18 inches outwards, then whatever bioenergy is located in that whole *side* of the body, we can conclude that this color of bioenergy is present in the corresponding hemisphere of the brain. Then, using our understanding about the distinctions and predominant functions of the right brain and left brain,

that can give us more information about that person's psychology. Accordingly, in the Emotional Level we are not reading bioenergies from the specific part of the body and the physical location, but rather looking at all of the bioenergies which are on the left side, and all of the bioenergies on the right side, taken together, one side at a time. That is how we get most of the psychological information.

The energies that are near the head, including the neck and above the shoulders, tend not to be associated with the brain-body crossover, because the bioenergies there are almost entirely just brainwaves. So right around the head, whatever energy is detected on the left side of the head is simply direct bioenergy radiation from the left brain, and the energies on the right side of the head are brainwaves directly from the right brain. Therefore, you have to remember that once you get above the neck, for the Emotional Level of the Aura, there is no crossover. Whatever is on the left is left brain, and whatever is on the right is right brain, and that's it, because it's all brainwaves. The bioenergies around the head, then, indicate the predominant mental subtle energies that are occupying the person's thoughts. So if the person is concentrating on something, or has a preoccupation, primary or predominant thought, then the category of their lives that is related to that thought will be revealed as the corresponding color of bioenergy in the head area. In contrast, the bioenergies on the right and left sides of the body in the Emotional Level of the Aura do not reflect the predominant thoughts, but rather more details and less predominant thoughts, everything that is identifiably present in the corresponding hemisphere of the brain.

Now, to properly interpret the Emotional Body bioenergies, you have to remember that the left side of the body, where external subtle energy is coming in through the left hand area, is the receptive side of the body. When we look at the bioenergies on the left side of the body, and identify which colors are there, what that tells us is a very clear indication of what bioenergies and energy information is in that person's environment. So when we look at the left side of the body on the Emotional Level, we are not really learning anything about the person's own psychology. What we're seeing is what is in their environment, and we get a psychological profile of their

environment and the people around them, the people in their lives. It is important to understand that a person can be in a very aggressive and unhealthy environment, and still be very healthy. So we need to remind ourselves that the energies on the left side of a person's Emotional Body do not say anything about what kind of person they are, or what kind of psychology they have. This only gives us a window into their environment.

The right side of the body, in the Emotional Level of the Aura, reveals the bioenergies that the person projects outwards into their environment, what they contribute to their environment. Again, the colors detected in this side of the Aura don't tell us so much about the person's own psychological profile, but they do tell us a lot about how the person is interacting with their environment, and how they behave in it.

Now, a major area of analysis in Aura imaging is comparing the energies that are in the person's environment, which appear on the left side of the Emotional Level Aura, with the energies that they project back out into their environment through the right side of the Emotional Body. The disparity between those two things can indicate a person's failure of adaptation in their environment. For example, if on the left side, we see an environment with lots of love energies and comfort and support, and healing energies, and then we see coming out lots of red and yellow, which is physical pain or malfunction, material and physical focus, and nervousness, it could be that this person is poorly adapted to their environment. Maybe they are not appropriately experiencing and accepting the healthy energies that are in their environment. In other words, in that case, there is lots of love and support around, and the person is not receptive to it, or not accepting it for some reason. There is something still bothering them, which is a "block" between the good energies in their environment and their ability to accept and receive those energies and benefit from them.

The Chakra system, in the center of the Aura chart, tells us the characteristics of a person. That is the most direct information about their psychological profile. So a complete psychological profile of a person comes from comparing the left and right sides of the Emotional Body to see what

disparities there may be, or what failures of adaptation, and then looking at the Chakras to see what their psychological composition and characteristics are - the mechanics of their psychology. Having covered all of that, I think we are all ready to start doing Aura images and interpretations on each other, unless you have any other questions about interpretation.

7.3 DISCUSSION OF ADVANCED OPTIONAL CONSIDERATIONS

All right, so let's just do one at a time, and we'll make some Aura imaging charts, and then we'll interpret them to get some training applying this color theory. While we're getting set up, let's talk about something else that is useful to think about. While we're doing the electrofield Aura scans, we're going to use these white lab coats.

We discussed the atomic theory, and how energy makes imprints on matter, and changes the way its electrons move, and many times changes the number of electrons available. Something important to consider, when you're using the **RFI** technology, is that you're holding the frequency counter with the antenna in your hand, and placing the antenna at arm's length inside the Aura field of the person you are reading. I will demonstrate on Steve here... [holding the antenna so that it penetrates Steve's Aura].

What's important to remember is that when you are doing this, you can see just with your eyes that I am almost as close to this antenna as Steve is. The outer parts of my Aura are overlapping with this antenna as much as his Aura is. That's a problem. That's interference. So now when I turn the frequency counter on, and I start detecting his bioenergies, what can happen is it may be reading my bioenergies too. So we can read the whole Aura, all the way around, and we may not be sure whether it's his energies or mine, or a combination or interference pattern of both interacting with each other.

So here's how we solve this. Look at the atomic theory. When we have some fresh matter that

has lots of electrons on it, when my Aura field impacts upon this physical matter, it has to “get through” some of those electrons. It has to knock off some of those electrons, make imprints in the matter. And what we found experimentally is that when you have an ionized lab coat- that is, a lab coat with lots of extra electrons on it - and wear it over your clothes, this covers my Aura and pulls it in. The voltage of my Aura, as we measure it with a digital voltmeter using the same antenna, goes from about 250 mV all the way down to about 100 mV, for example. What that means is that my Aura becomes smaller, or if not necessarily smaller, it is at least contained within a smaller space closer to my body.

So now when I put on this ionized lab coat, it's going to take about an hour for this lab coat to be saturated, and absorb all of the energy information in my Aura. It can be just a new sweater, if you just washed it and put it on, that can serve as a barrier also, reducing your Aura just for about an hour. After an hour, what happens with clothing is it becomes saturated, because my body continues to produce bioenergy, and this continues to impact on the clothing, and after a while all of the electrons in the matter are as affected as they can be. After it becomes saturated in this way, the bioenergy starts coming out and through the matter, and it will return to its normal 250 mV, at a further distance from my body. But now that I just put on this freshly ionized lab coat, my Aura went down from about 24 inches away from my body to only about 10 inches. So now, when I take out the antenna and am ready to read somebody's Aura, my Aura is coming out only 10 inches, which doesn't even reach to my hand holding the frequency counter, and the antenna is perfectly isolated from the influence of my Aura. Now when I read the person's Aura, I know that the bioenergies that I am detecting through the antenna are his energies and not mine. So now it's already more accurate, in terms of the data.

AJ: I believe that you can choose not to have your Aura out that far. I don't believe that there has to be an ionized barrier of some kind. I don't believe that necessarily works, because if you choose that you want to interfere then you'll do that, whether or not you have an ionized barrier.

PROFESSOR: That seems to be true, because thought forms, as electrical fields, are characterized by the thoughts that created them. So if you have the thought that your Aura is large and will interfere, those thought forms may actually alter the shape of your Aura, and align its fields to make it shaped bigger and interfere. By those same mechanics, if you visualize and feel your Aura being smaller, it will become smaller.

AJ: So what is the idea of a lab coat.

PROFESSOR: The idea of the lab coat was that we had some assistants doing the Aura imaging with us for a few years, and they were very poor at mental imagery and controlling their thoughts. They were very poor at doing metaphysical and psychic practices. We found that their Auras were interfering, and they couldn't train themselves to change that. So we analyzed that, and said "what can we do to minimize their interference?" and so we put an ionized lab coat on them, and their Aura's reduced from about 250 mV to only 100 mV. So it works. Some of it could have been placebo effect, because we told them that their Auras were going to be less, and that's fine. But the atomic physics also supports the idea that there is some "delay" effect when you put on the ionized clothing.

STEVE: So what is an "ionized" lab coat?

PROFESSOR: The process of ionizing is basically just using an ion generator. An ion is basically an atom with lots of extra electrons, extra particles of negative charge. Ion generators work in different ways. Sometimes they simply create electrical sparks, which catch on to some- I believe - oxygen molecules, and load them with extra particles of negative charge. Some ion generators work by rubbing substances together, and causing electrons to "rub off," like for instance cotton rubbing on glass. So any kind of device or machine that will generate extra electrons, or cause them to be removed from a source object and released into the air, will create an ion field. So what we do is simply turn on an ion generator, and hang up the lab coats next to it, like on a coat

rack, until their atoms become saturated with all of the extra electrons. Then we have an ionized lab coat.

Speaking of ionization, it is also important to remember that when you are doing the Aura reading with the antenna, the antenna is metallic, and will pick up charge. It is a conductor, and can have some magnetic properties in certain limited ways. When you do an Aura reading of a person, and you finished scanning through all of their biofield, causing the antenna to pass through all of the energies in their bioenergy field, then what can happen is the antenna can become somewhat polarized. In other words, the energy information from the Aura can remain around the antenna like a magnetic charge. I'm not sure how technically correct this is, but to the best of my knowledge that is a good description of what has been found to happen.

In practice, what we found is that when we do an Aura reading for somebody, sometimes they have a real predominance of one particular color in their Aura. For example, we had one psychic healer who could control his Aura energies, and on command, he would change his entire Aura, every cubic inch of it, to only one color, such as orange. By the way, we would not let him tell us which color beforehand, to avoid the unconscious influence of our own energy information from our thought forms. Then, after we completed his Aura reading to verify that his Aura was all one color, we did separate readings on 10 other subjects, and one after another, all of their Auras were detected as being all orange, too, which is statistically impossible. What we realized is that the antenna had become polarized, and we were going through the other 10 readings without actually detecting any new energy information in any of the other subjects.

So what we learned we had to do - this actually works - is to take a cotton cloth, fold it around the antenna in one hand, and rub it up and down the length of the antenna. Actually, we usually just used the bottom corner of the cotton lab coat for this, even while we were still wearing it. It should be cotton, because if it's not cotton, it might not work very well at all. We tried a nylon lab coat, and it didn't do anything. It had no delay or shielding effect to reduce the operator's Aura, and it

didn't help to clean the antenna in any way. This is just like the little experiment they do in high school, where they take the glass rod and cotton cloth, and rub it back and forth to rub the extra ions off. That literally takes off the energy information - that configuration of ions on the antenna that was characterized by the previous subject's Aura. And now the antenna is clear and clean, and ready for the next person.

So it is helpful to use the ionized cotton lab coat, and it is also important to rub the antenna with a cotton cloth after every reading.

STEVE: Even though you are wearing the ionized lab coat, wouldn't you still have bioenergies coming out of your hands, which wouldn't be shielded by the lab coat, and could influence the antenna anyway?

PROFESSOR: Well, the hands do project energy, especially the right hand. Fortunately, this hand held frequency counter is grounded, because it's made for industrial use in electronics, so the energies coming from my right hand while I'm holding this device are reaching this isolated encasement of the device, and are not being communicated to the antenna. Although if I hold it wrong, such as holding the counter with my fingers open, and the fingers pointing towards the antenna, I might very well be affecting it. But if I am holding the frequency counter towards the bottom, with my fingers wrapped around sideways, pointing away from the antenna, then I am not projecting my bioenergies towards the antenna.

That's a good reason why if you have your own custom equipment - like some people have a really fancy frequency counter that can be really expensive, and sits on a desk or table because they are so big - and then have wires coming out from there to an antenna, and then hold the antenna in your hand, that can already cause interference, because the antenna is too close to your hand. In this case, where we have a hand held frequency counter with the antenna isolated and mounted on the very top, we have a very good situation. But if you have custom equipment in

the laboratory you have to watch out for that- where are your hands and your body with respect to the antenna, and if you are holding the antenna, whether it is shielded and where your fingers are pointing. And you have to think of that constantly.

The way the antenna works is that any electromagnetic stimulus, or anything electrical floating by, that happens to come in contact with the antenna, will be detected by the antenna, and the energy information from that electrofield signal will be identified by the frequency counter. So you have to be very careful about what is near the antenna.

First, when we turn on the frequency counter device, we need to turn it on with its “filter” function. Using the filter, if there are no radio type waves that are typical of interference, it will read zero. So now it is reading zero. Now, I will move the antenna into different areas of the room, to see which parts of the room contain interference that the device is sensitive to. The air conditioner reads zero... The television and TV cable read zero... This is the function used for radio electronics, so if there is anything that could be considered interference, it will show up here in this mode.

[Turning on the notebook computer and printer on the desk.] This also reads zero... Now let's run a program and get it to do something... Now it reads 105 Hz, which is red, and is a resonance of 50 Hz. Now, only 8 inches away from the computer it reads zero again, so there is very little interference from the computer, and just outside the computer it already reads zero, so we can use a notebook computer even right next to the Aura imaging session without interference.

[Moving towards a wall with light switches] OK, so when I put it near these power cables in the wall, then we actually get a reading that is 50 Hz. This is the frequency of the electrical power supply in Russia. If we were in the US then it would be 60 Hz. Then, when I take the antenna away, slowly, I can see where the interference is located, because outside the border of the field- about 2 feet in this case - the counter drops to zero. So this filter function can show us the shape of interference fields in the room. [Note – the readings were not taken with the new frequency

counter, but a previously used counter that could detect frequencies in the Hz range.]

[Moving towards the ceiling lamp in the center of the room] Here we have a lamp that is on, and we can put the antenna right near one of the light bulbs that is lit up, and right near the wires which run from the ceiling... It's 50 Hz, so now we will move the antenna down towards the floor, holding it horizontally, to see how far down the interference field reaches. The light is on dim, so today it only comes down one foot from the lamp, so we have enough room to work with without interference, even with the lamp. Sometimes, if a ceiling lamp is strong with no dimmer, it may be necessary to turn it off to eliminate interference in the center of the room.

So you can see observationally that in reality, the interference that we would expect from electrical appliances is really minimal. Now, we have identified a part of the room where there is absolutely no electromagnetic interference whatsoever, so we will use this area to do readings on each other.

The function that we are using is called the "filter" on a frequency counter. What happens in radio electronics is that you are trying to tune into, usually, broadcast frequencies, such as trying to read the transmission from a CB radio or something so that you can tune it. When there is no actual radio signal in the area of the antenna or probes, then the numbers on the frequency counter "wander" all over the place, "jumping" - 2 Hz, 70 Hz, then 120 Hz, 560 Hz, and they jump back and forth in a non-linear sequence. These readings are called "phantom" readings. They are called "phantom" readings because in radio electronics, the engineer knows that he has nothing connected to this frequency counter - the probes are connected to nothing, there's no device that he's currently measuring, and the numbers are jumping all over the place. So it is as if there is some "phantom" device that's there generating the non-linear signals. Conventionally, this is considered nonsense, just the frequency counter going crazy, because it is not related to the physical tangible electronic devices which are the focus of attention in engineering.

In reality, however, what we found is that these readings indicate bioenergies, and subtle

energies, which are electromagnetic fields floating around which have different frequencies. And anything which passes by this antenna, when it is not near a transmitting appliance, or any significant signal source, anything that passes through the antenna goes right to the frequency counter. So it turns out that these “phantom” readings, which the engineers consider insignificant, to us are the essence of what we are trying to read. So when we do an Aura reading we are looking for a part of the room that has no significant or dominant signal, which reads zero when the filter is on. From our perspective, working with bioenergyinformatic science, these dominant signals that the engineer is looking for, we consider “interference”, because they interfere with the “phantom” readings that are the focus of our attention. Then, we turn the filter off, and we are free to read all of the “phantom” readings in that part of the room.

Now that the filter is off, and we are able to detect the “phantom” readings, everywhere we look in the whole room, there is going to be some reading. Even in the parts of the room that read zero with the filter on, proving that there was no interference there, it will still never read zero with the filter off. So everywhere in the room, without using the filter, there isn't a single place where there isn't some frequency present. This is reinforcement of our theory that everything in the universe has some frequency, and there is no place in the universe that has absolutely nothing. Even in deep space, in outer space with the astronauts, where there's just a physical vacuum or a black hole or something, there's going to be some energies around, and some frequencies that are used to transmit energy information. Even if there is no energy information being transmitted from an otherwise “empty” location, there will be signals transmitted throughout space from other locations, passing through that location, and the frequency of those signals will be detectible- if not directly, at least by their resonance in the electromagnetic spectrum. So with a good frequency counter, everywhere in the universe you are going to get some reading. And remember, what to other engineers is called “interference” or “phantom” readings, to us, is the accurate reading that identifies the ambient subtle energy.

7.4 **AURA ANALYSIS #1 - HEALTH LEVEL**

Why don't we go ahead and get started... I will do the first reading, to show you how the process works. Who would like to be first?

MIRZA: Oh! Let's do me first!

PROFESSOR: OK, Laura, I am going to go around his Aura one region at a time, and I would like you to write down the color for me on this chart. For each region, I will look up the frequency number on this translation chart, and then I will read you which color of bioenergy we have detected. We are going to start on his left hand side of his body, which to us is the right hand side of the chart. That confuses everybody, you have to remember - left chart, right body. It's like the right-left brain thing, except it's a right-left paper thing [laughter]. In other words, the chart works exactly the way we see him, it is like looking at a photograph of him facing forward.

We are going to read the Health Level of the Aura, so you will notice that the antenna is always within 4 inches from his body, at about the mid-point of 2 inches.

So we're starting on the lower left leg... that's light red. Mirza, can you raise your arms a bit, at about a 45 degree angle? I asked him to raise his arms, because once I get to the upper leg in the waist area, his hand is right there, and I'm going to end up reading his hand and not be able to detect the bioenergy in his upper leg and torso. Now the upper left leg... that's also light red. Left torso... light red. Then on the lower left arm it jumps to orange. The upper left arm is also orange. Now the left shoulder and neck... this is regular red. The left side of the head is light red again. On the top of the head... orange. Right head... orange. Right neck and shoulder... still orange. Upper right arm... light red. Lower right arm... more light red. Now under the arm, on the torso... we have orange. Upper right leg... also orange. Lower right leg... red.

We have found some different colors already, and they are fairly close to each other on the color spectrum. Now let's read the Chakras, and notice how we use the antenna differently. When I was reading around the side perimeter of the body, I was holding the antenna horizontally, facing forward, pointing away from me and straight forward through one region of his Aura. In other words, I am trying to let the antenna penetrate the smallest area that I can, to control which region's energies are touching the antenna. Because if I hold it pointing upwards at an angle, then something can be detected on the tip of the antenna, while some other energies cross along the base of the antenna - like some other thought form or something coming across the antenna.

AJ: Mmm... Got it... Got it.

PROFESSOR: So you have to be very conscious of the length of your antenna, and keeping it within the subject's field, and not having it open to other things that are not within the regions of the Aura that you are measuring. OK, now the Chakras. This time, I am holding the antenna left to right, parallel with the front of the subject's body, also horizontally, and placing the center of the antenna over each Chakra point, with the antenna completely in front of him. So I have the antenna pointed horizontally left to right across the front of his body, because these are Chakras that are aligned vertically along the spinal column. If I hold this antenna upright, vertically, then it would read almost all of the Chakras all at once, and what we would get is not the color of any one Chakra, but the interference pattern of all of them mixed together. That might be nice for some kind of average or something, but we are not looking for mathematical averages. We're looking for specific energy information from each individual Chakra point.

OK, starting from the bottom. The Base Chakra is red. Next... light red. Third Chakra... dark blue. Now the Heart Chakra... light red. Throat Chakra... dark red. Third Eye... orchid. And the Crown Chakra is also orchid.

MIRZA: I was trying to do that. [Laughter]

AJ: [Laughing] Now we are going to start playing games. I can just see it happening.

PROFESSOR: So, now we have a chart of Mirza's Aura, as we captured it during a period of about 90 seconds, with all the colors all lined up. Now let's get out the interpretation charts for the Health Level. What we have is the Base Chakra - sexuality and sense of self - and that's red. So that's just balanced. There's no particular energy information there, that's just its natural condition.

In the second Chakra, we have light red, which is associated with "sensual and physical body experiences, physical comfort, generally healthy." The second Chakra is the "orange" Chakra, so this is the category of the healing aspect of Mirza's life. So within the healing sphere of his life there is light red information. The question that the information in the "orange" Chakra answers is, "what kind of healing is he experiencing?" and "where are his healing energies going?" With light red bioenergy in that category, the answer to that question is pleasant physical body experiences, physical comfort, and enjoyable sensations. That would indicate that maybe Mirza is trying to have a vacation, trying to relax and give himself a break. It could be simply resting after, say, walking all over Moscow and through the Metro all day long and being tired.

The next Chakra over the stomach, the "yellow" Chakra, has dark blue bioenergy. Dark blue is associated with "increased biological activity..."

MIRZA: That's right! I'm having gastritis, yes. That's overactive acid production.

LAURA: Wow!

PROFESSOR: And that's the stomach Chakra. The interpretation of dark blue, based on our experimental associations, is "increased biological activity, current functioning of metabolic systems" - in this case that's the stomach digesting - or "certain organs or circulatory systems

currently exerting extra effort.” So that was one accurate diagnosis on the Health Level. But, you see, this is what’s interesting about Mirza’s comment - to me it’s just increased biological activity, because I did the calculations and I worked out the logic and I know what it means, but he’s a medical doctor, and he looked at that dark blue – “increased biological activity” - and he made a diagnosis already. He said, “hey, that must be gastritis.” Of course, it doesn’t hurt that he happens to know that he has gastritis [laughter], but that’s how medical knowledge makes **RFI** a useful tool, because if you are a medical doctor and you look at this Aura chart with this information, you can already make an initial diagnosis of the patient, and it might give you a reason to conduct further tests or examination on that patient with conventional methods.

In the next Chakra, the Heart Chakra, which is the “green” Chakra, there is light red. So the question in the “green” Chakra category is, “what are his emotional issues?” The emotional issues, according to the interpretations associated with light red, are...

AJ: Did you say “light red”? Because I would not call something “light red.” I would call it “rose,” and “rose” is considered to be a self-love, healing energy. It’s a very good thing. It’s just that “light red” doesn’t mean anything to me, but I know of “rose,” though.

PROFESSOR: So the traditional conception of “rose” color is self-love, and comfort, and so forth...

AJ: Right, right.

PROFESSOR: Which is exactly the same interpretation that I assigned to light red, which is visually the same thing. I just called it “light red” because I did not rely on traditional philosophies, but rather calculated it objectively, and it happened to be on the optical spectrum next to red, and the calculations and logic led to the same interpretation on independent grounds. It is “sensual and physical body experiences, physical comfort and enjoyable sensations”. So that’s what’s in his emotional issues - he’s relaxed, and comfortable, and having pleasant experiences.

Throat Chakra, the “blue” Chakra - there is dark red. Dark red is basically “physical and material focus, indicating mental activity related to survival issues, money, material objects, and the immediate physical environment.”

MIRZA: That’s Moscow! [Lots of laughter (LOL)]

PROFESSOR: It is also related to “instincts, basic human needs and desires.” So it’s survival skills.

MIRZA: Could it be related to hyperthyroidism as well?

PROFESSOR: Well, keep in mind that this is a Chakra, so it can be interpreted both from health and psychological associations. Since the Chakras also correspond to endocrine glands, I think that we have to use both the health and the psychological interpretations to get the most information.

AJ: Well actually, it should be how far away it is from your body.

PROFESSOR: It should, except for the exception that the Chakra energies penetrate all of the levels of the Aura, so it’s theoretically impossible to distinguish which level it is on. That’s the problem of interpretation we have. But we can take the objective frequency number, and apply that data to the context in which we need to analyze it. So let’s look at the interpretation from the health association tables, and see if it makes sense. The Health Level interpretation of dark red is “increased biological activity in the form of growth, regrowth or regeneration.”

MIRZA: That makes sense then, because it is in the Throat Chakra, and I do have a history of hyperthyroidism, which is literally “increased biological activity.”

PROFESSOR: OK, so that diagnosis was also accurately identified here, too. Let's go back to the psychological interpretation. Since this is the "blue" Chakra, associated with the category of communication, the issue is, "what is Mirza's focus of his communications and communication skills?" The focus, identified by the dark red bioenergy, is the topic of survival skills. So he's concerned about making money, being able to get food... basically the kind of things that we have to do in Moscow.

Next is the Third Eye Chakra, the "purple" Chakra, which is the category of psychic work and intellectual activity. So what kind of intellectual activity? Well, the bioenergy "orchid" indicates "clarity of thought, psychic activity, understanding of truth, subject may be currently participating in energy information exchange." That's our interpretation. Tell us, Mirza, what you were doing at the moment when we measured the Third Eye Chakra. You said that you were manipulating the reading?

MIRZA: Yea, I was trying to make myself open, and in contact with everybody. I was trying to make myself sensitive to the surrounding bioenergies.

PROFESSOR: So you were literally "tuning in" to everybody, and this was reflected in that your intellectual activity was identified as "psychic activity" and "energy information exchange."

Now on the Crown Chakra on the top, there is orchid. Right above the head. And that's the same interpretation. So the Aura on top of the head, in the Health Level, is orange. So now we have to go to the Health Level interpretation data chart. It's tricky stuff. You have a lot of levels, and you have to always know where you are in the Aura - whether you are reading a Chakra, or a part of the body, or brainwaves. Fortunately, after we complete the next generation of **RFI**, all of this will be done automatically on a computer. We're going to have 3 years of figuring these things out put into a computer program.

So we have orange on the top of the head, and the Health Level interpretation is “healing energy is currently acting upon the effected area, immune system activity and recovery.” Now, in any other part of the body that would be accurate. In any other part of the body where there’s orange, there’s healing energy acting upon that area, except that since this is the head, what’s primarily in this area is brainwaves, so unless it’s detecting something in the head that is healing, such as a headache which is being healed by medicine or something, or unless it is really some physical problem in the head which is healing, it is probably brainwaves showing his predominant thoughts.

So the exception to the rule of reading the Health Level of the body is if it’s on the head, it is usually the predominant thoughts of the subject. Since there is orange there, we can say that Mirza’s predominant thoughts were related to healing issues, perhaps being a healer, or perhaps related to being healed.

OK, on the right side of the head we have orange. On the whole right side of his body, there are four instances of orange, out of seven regions. More than half of his right body is all orange bioenergy. So Mirza may be projecting a lot of healing energy into his environment. If this were on the Psychological Level, between 4 to 18 inches away from the body, this would indicate to us that either he is a healer - as a profession or as a personality- or he is currently engaged in some type of healing activity. We have to remember, however, that this is the Health Level. In general, in the Health Level, when orange bioenergies are on a part of the body that is not the head, this usually means that, “healing energy is currently acting upon the effected area.” So that means that there was some injury or illness, which is in the process of being healed and recovering.

It is important to note that a lot of times we detect orange in the Health Level, and say “oh, there’s some healing happening in that part of your body,” and the subjects in our few years of experiments usually say “well, it’s perfectly healthy, and I feel perfectly fine, *but* two weeks ago I had this injury there, and now I don’t feel it anymore.” So that’s what orange is. Orange tells you that there is still some indication of illness or injury in the recent past, but it is already on its way to

being healed.

On the right arm, both upper and lower, is light red, which is “sensual and physical body experiences, physical comfort, and enjoyable sensations.” So your right arm must be nice and relaxed, huh? [Laughter] So interpreted from the Health Level, it simply means that your right arm is healthy, with no problems. That’s all it means.

Then on the lower right leg, there is pure red, indicating “biological malfunction or physical damage.” It may also indicate a “pain response or pain sensation.”

MIRZA: That’s right, because I do have some arthritis in my leg at the moment, and on this right side I am feeling more pain.

PROFESSOR: Yea, and the interpretation data also indicate, “a pain sensation in the area where the bioenergy was detected, with or without actual malfunction or damage, generally unhealthy.” So it might not actually be an injury there, but it might just hurt anyway.

Well, so far, this accurately detected hyperthyroidism, gastritis, and arthritis pain, and revealed the precise location of these conditions. For a Health Level analysis, for a patient that we’ve never seen before, and we’ve never interviewed him about any of his health complaints, we already picked up on three existing health conditions. We just needed the medical training to understand how to apply the **Resonant Field Imaging™** interpretations.

Now the left side of the body. Keep in mind that this is the Health Level, so this isn’t environment, it’s just what’s on the physical body. There is light red on the head, which is basically health and comfort. If we consider it as brainwaves, using the psychological interpretation of light red, it is romantic bioenergies.

On the shoulder is regular red, which is “biological malfunction or physical damage.” Orange on the left arm indicates more healing processes happening there.

MIRZA: Well, my arms are very tired. It’s been a long day of carrying heavy books.

PROFESSOR: OK, light red on the torso means it’s healthy and comfortable. Orange on the lower arm is more healing energy. For some reason, your left arm has a lot of orange energy on it, but I want to point out that it is not necessarily related to physical stress or injury. It might even be simply immune system response in that area. It could be that there is a bacteria or something, there’s no infection, and your immune system is just doing its healthy function of fighting off the bacteria. So orange can be either the beginning of an illness that is never going to rise to the level of a health complaint because of the intervention of the immune system, or the end of an illness or injury that is no longer noticeable physically but still in the final stages of healing.

And then the rest of the body is light red, which is health and comfort. So I think you all now have a very clear sense of how you approach an Aura chart, right?

STEVE: The interpretation is very difficult.

PROFESSOR: Yea, it is really complex, and takes a lot of thought. But reality is never simple, right?

MIRZA: Right, but there is logic, and we can make sense of it.

PROFESSOR: For more detailed medical analysis, it is useful to concentrate not only on the sides of the body and Chakras as we are doing now, but also on the back of the subject. Since the spinal column, with all of its neurological connections to the biological organs is closest to the back, when we conduct an Aura imaging of the back we can theoretically get a phenomenal

Health Level analysis, with details about all of the internal organs. Mostly, we just need a good medical chart of the spinal nerves related to each organ, and we can run the antenna horizontally-like we do for the Chakras - along the spine. Then, whenever we detect certain bioenergy, we can note where the antenna is, and look on the chart for the corresponding organs where the nerves on that vertebrae go, and that will tell us which organs contain the detected bioenergy.

That's another reason why we don't read Chakras from the back, at least on the Health Level, because the electrical neurological activity along the spinal column is so strong that it effectively interferes with the Chakra signals in the back. So when we are doing a regular reading, we use a chart with a front view of the subject, but for advanced medical analysis we need a chart showing a view of the back of the person. For this reason, some clinics experimenting with RFI use a chart with check-mark boxes labeled "Front" and "Back," to create their own custom charts and avoid confusion about how the data is interpreted.

7.5 AURA ANALYSIS #2 - HEALTH LEVEL

OK, now let's read Steve's Aura. [Measurements were taken off the record.]

Remember that Chakras have to be interpreted based on the Emotional (or Psychological) Level association tables. But at the same time, we can also consider the Health Level interpretations because there are also corresponding endocrine glands associated with each Chakra. So we have to look at both the Health Level interpretations and Psychological interpretations for a thorough analysis of the Chakras.

Steve's base Chakra is dark red. In the category of "sense of self," then, we find "survival skills" energy information, which suggests that you are not having enough time to relax and be yourself, but instead are busy doing your survival skills in Moscow.

Next is the “orange” Chakra... By the way, notice that I often refer to the Chakras as their default color, their theoretical color. Personally, I do this because I prefer it to numbering them, whereas some people prefer to say “1st Chakra” for the Base, and “2nd Chakra” for the orange one. This is the traditional convention - numbering from bottom to top, because the Base is considered the first. In a previous version of our textbook we had them numbered from top to bottom, just because we had seen it that way in some other books, and we couldn’t think of any reason not to number them that way because it has no practical meaning. Really, the numbers are just arbitrary, and I prefer to refer to them by their theoretical default color because it reminds us, when we are interpreting them - what the category, or topic, of the energy information is in each Chakra. That makes it a lot easier to run through the interpretations quickly and accurately.

So this second Chakra is the “orange” Chakra, and there’s red there. Accordingly, we say that there is “red” energy information in the “orange” Chakra. Red is “material and physical focus, accomplishment of material goals and ambitions,” and this information is in the healing category. That’s pretty interesting, yea? Why is that in the healing area of his life? Another way to look at this is that the information inside the category is a factor- in other words what energy influences or affects that area of the person’s life, whether or not it is actually actively doing so at the moment. So in Steve’s case, perhaps if there is a healing issue, some health condition or complaint in this person as a patient, a significant factor in that illness would be his work conditions. That suggests that your intense work and material and physical focus is a factor in your healing. If your healthy, that’s great, and that means that you are well adapted to your material activities, and if you’re not, it means that one of the ways to improve your health would be to change something in the workplace.

Next is the “yellow” Chakra, which contains purple energy information. That is “intellectual energy, clarity of thought, academic activity or psychic ability.” Why is that bioenergy in the “yellow” Chakra, the Solar Plexus Chakra? Yellow is what? You don’t remember. OK, yellow is factors related to the person’s state of nervousness or calmness. So the bioenergy inside the “yellow”

category is factors that would make that person calm or nervous. Something that affects their comfort level. In this case, what affects Steve's comfort level right now is "purple" energies, which is intellectual energies. So this is a person who, if he wants to be more comfortable, can find comfort in something intellectual, perhaps something academic. If he is uncomfortable, then the cause of that would be disturbances in the intellectual or academic areas. Something frustrating in those areas.

STEVE: That's generally true, yes.

PROFESSOR: OK, now the "green" Chakra, the Heart Chakra, which is the category of emotional issues, has orange energy in it. That's emotional healing. The interpretation is "mental activity is related to resolving emotional issues, recovering from intense life experiences and overcoming obstacles."

STEVE: Absolutely...

PROFESSOR: What happened? If you don't mind sharing with us...

STEVE: I just went through a divorce.

PROFESSOR: That's exactly what this is all about. [continuing to read from the interpretation tables] "Generally healthy, but psychological support and psychotherapy are highly likely to be [interrupted by all laughing together] greatly beneficial." [Lots of laughter] That's what it says! [more laughter]

Now keep in mind that these interpretations were verified through case study, but they were not written for Steve's case. We did not have any subject who went through a divorce, so we didn't say, "oh, let this guy see a psychotherapist." This was the result of logic and calculations. So this

reading that we are doing for Steve is verification that the newest calculations, which I finished- a whole *hour* ago - [laughter] are on the right track. [Lots of laughter]

STEVE: [Cheerfully] You have to factor in divorce...

PROFESSOR: [Pensively] So, we calculated the frequency of divorce...

MIRZA: Hopefully, it's not "*frequent-ly*". [laughter]

PROFESSOR: OK, so next is cyan bioenergy in the Throat Chakra. So this describes the communication category of Steve's life. Cyan indicates emotional energy, subject exhibits empathy and sensitivity to emotions of others, and is likely to be communicating or expressing their own emotions, either consciously or subconsciously."

STEVE: That's very true, I think.

PROFESSOR: Then we have dark red in the Third Eye Chakra. That is "material and physical focus," and "survival skills." In the "purple" Chakra, that means that the detected bioenergy is the predominant intellectual activity. So it's pretty clear that his predominant intellectual activity is survival skills - work.

AJ: The *good* news - the *good* news is his Crown Chakra!

PROFESSOR: The Crown Chakra, which is the "indigo" or "orchid" Chakra, in this case contains purple. The Crown Chakra is the higher self, or metaphysical being. So purple bioenergy there is "intellectual energy, clarity of thought, academic activity and psychic ability."

OK, now all of the brainwaves, all around Steve's head - left, right and top - are dark blue. Also,

more than 50% of the left side of the body is dark blue. Now, the brainwaves have to be interpreted using the emotional association tables. Dark blue there is... "leadership, expression of intellectual ideas which involve or influence material or social situations." Steve, is there any particular reason why you would have predominant leadership energy *today*? Because it changes from day to day.

STEVE: I came out of a meeting last night, and I just became president of this organization. I am in charge of forming the organization, so I'm the leader for this group.

PROFESSOR: So that is literally the "expression of intellectual ideas which involve or influence material or social situations." That's the essence of leadership.

AJ: He has gold! I want to know what the gold means!

MIRZA: But what about the same color dark blue on the body, on the left side? You said that was something else.

PROFESSOR: Well, on the head area it's all brain waves, so we use the psychological interpretations. On the left body, where more than 50% is dark blue, since we measured within 4 inches from the body, we must use the Health Level interpretations. In that case, dark blue is "increased biological activity," and indicates that, "certain organs or circulatory systems," like blood circulation, "are currently exerting extra effort. Generally healthy, unless this bioenergy appears in the same area for extended periods of time."

STEVE: I was just working out. Maybe that's why.

PROFESSOR: Why only on the left arm? Do you lift heavier weights with the left hand? [laughter] If you're right handed, it is probably showing more development or activity in your left hand, which

is compensation for the fact that it is weaker.

Now, on the upper leg is dark red...

AJ: And then, gold. There's gold over here... [pointing with excitement]

PROFESSOR: I know... I'm keeping you in suspense! So dark red is also "increased biological activity" related to Steve working out. So the whole left side of the body is all increased biological activity and circulation.

OK, now gold. The gold is in the lower left leg. Gold, on the Health Level, is... [AJ leans forward on the edge of her seat, while Professor searches through his laboratory notes] ... guess what, kids, I didn't calculate that yet.

WHOLE CLASS: [Sharing empathic frustration with AJ] Oh, no!

PROFESSOR: But I do have the Emotional Level interpretation.

AJ: Well, you see, I don't think it should be Health Level anyway. I think it should be Emotional Level. The whole thing should be Emotional Level on the left side, because it has to do with what energies are coming in.

PROFESSOR: But this is still within 4 inches from the body, so it is controlled by what is happening in the physical body. Because the health bioenergies are stronger and most stable in that region of the Aura, so that's all we can read within 4 inches.

Oh, I *do* have gold! I just had it in a different part of my notes. OK, the interpretation of Health Level gold is: "healing energy is emanating from an area which is already vital and healthy." Now,

notice that this is different from where there's orange there, where there was past pain and malfunction and it's in the process of healing. Gold means the area is *al/ready* healthy, and did not have any recent problems, but now there is healing energy coming out of that area anyway.

MIRZA: It's on his leg, so he has to kick somebody to heal them! [Lots of laughter]

PROFESSOR: Kick somebody?!

AJ: Well - that's a possibility!

PROFESSOR: Well, I think some people could use a good kick ass healing. That's part of their "healing process." [Lots of laughter]

[Continuing to read from the interpretation tables] "This excessive healing energy projects outward to contribute healthy and healing energy to the environment and other people which come in contact with it." [More laughter] OK, it's "kick therapy"! [laughter]

Well, you know what that would tell me? Notice that on the rest of that whole side of the body is an abundance of health and increased biological activity, and I think that the gold on that side of the body is compatible with that. It's not only radiating healthy biological functioning, but it has an element of information energy which actually has just a pure healing function.

Now we'll finish with the right side of Steve's body, still in the Health Level. More dark blue... "increased biological activity." Now, purple is very interesting on the Health Level, because purple - as you remember - is intellectual and mental energy. On the Health Level, when it's associated with a particular part of the body, it means something very different, but very logical. For purple, the new interpretation table says, "there is a clear and direct psychosomatic connection to the area of this bioenergy. Mental activity is currently influencing and controlling biological activity and

physical health in this area.” Now what that means is that there is not necessarily any health condition in that area. It might be perfectly healthy. But it means that *if there were* a health condition there, *if there were* some illness or complaint there, the purple would tell us that it is a psychosomatic illness, and that the area of the body where we read the purple energy can be controlled, and is most likely to benefit from just hypnotherapy or a placebo.

So if a patient comes and says, “my shoulder hurts, do I have a pinched nerve?” and you do an Aura image and find purple there, then you have reason to believe that there is probably some psychosomatic cause of the pain in that area. Then, a medical professional could proceed with that analysis, and diagnose further. If there is no pain or complaint there, but there is purple bioenergy, this just means that there is a connection- between the mind and that part of the body. So when there is purple in the health Aura, it reveals a mind-body connection to a specific part of the body, but there is not necessarily anything wrong there. It’s just a psychosomatic connection, and nothing more than a connection.

Next, we find orchid on the upper arm in the Health Level... “clear and direct mind body connection to the area of this bioenergy.” It is similar to the purple, because orchid- on the optical spectrum - is basically purple plus a bit of white. [Continuing to read from the interpretation tables.] “The person has a positive and pleasant psychological association with the part of the body where this energy is located.” So Steve likes his right arm. [Laughter]

AJ: [To Steve] Well, you’re a right-handed dentist, right?

STEVE: Yes, that’s right.

PROFESSOR: Maybe the orchid on your working arm indicates satisfaction with your work. “Events, actions and therapies involving this area are highly likely to have a significant psychological impact upon the person.” So if you injured your arm, it would have a significant

psychological impact on you, more than another part, because you need it to practice your profession. So the orchid here indicates not only a psychosomatic connection, or mind-body connection related to health, but more of a psychological and emotional connection, that you really care about that part of your body in particular. In other words, instead of a mind-body connection, it is more of a body-mind connection, where conditions or events related to the body influence upon the mind and psychology. So orchid means that the part of the body has influence on your psychology, whereas purple means that the part of the body is under the control of your psychology. That's a subtle but important difference.

OK, dark red near the hand... "Increased biological activity, in the form of growth, regrowth or regeneration. Generally healthy." So it doesn't indicate anything in particular here, but it is interesting that it is consistent with the dark blue in the other side of your Aura that is also "increased biological activity." So that shade of red and that shade of blue have similar meanings, indicating that the dark red here is also a result of your exercising, except the right side of your body reacted to the work out slightly differently than the left side. This is one example of how many times a bioenergy color doesn't really tell you anything by itself, but in the context of the other colors in the Aura it can be interpreted.

Next is purple in the upper leg... Again that's "psychosomatic connection," and then on the bottom of the leg is dark blue, which is that healthy increased biological activity from exercise. So that is Steve's Aura. That's a whole lot of information. Isn't that a ton of information?

LAURA: Yea...

PROFESSOR: That's a lot of information, for Steve who just walked in here. I had never met him before...

STEVE: And a lot of detail.

PROFESSOR: Yea. I know that use of your right arm is central to your identity, that you are somebody who is very emotionally effected by intellectual experiences - in other words, your comfort level is very much determined by your intellectual satisfaction - and that you are going through a process of intense emotional healing. I also discovered empathy and sensitivity to the emotions of others, combined with some psychosomatic connections in parts of your body. So if those parts of your body have a problem, I would look not only to your own psychology, but also to your psychological environment. I also could guess that you were recently exercising, because there was an abundance of dark blue all over your Aura. And you are not only healthy overall, but you are so healthy that towards the bottom of your Aura there's even gold leaking out, which is simply an abundant excess of healing energy. So you are so healthy that it is just spilling over, and can affect other people.

STEVE: Well you all can touch my leg there... [Lots of laughter]

PROFESSOR: What do you think about these readings, AJ? They seem to make sense, don't they?

AJ: Oh, yes. Sure. Absolutely.

PROFESSOR: They are not off. That is, they identify some concrete things.

STEVE: I was really amazed by the orange in the Heart Chakra that you found. That was amazing.

PROFESSOR: OK, so who wants to do the next reading? [AJ and Laura decide to do an **RFI** scan on each other, starting with AJ. Mirza volunteers to write the colors on the chart.]

LAURA: [Putting on a lab coat.] I always wanted to wear one of these.

PROFESSOR: That's nice. I purposely brought enough lab coats for each of us.

AJ: Did you "purposely" bring a big enough one for me?

PROFESSOR: I did. I have a very big one just for you. [Editor's note: AJ was referring only to her height].

AJ: I see. She's got it on.

PROFESSOR: [To Laura] That one's for AJ. The size 42. I brought you a 38 because you're tiny.

LAURA: [Blushing] Oh, thanks! [Lots of laughter]

7.6 AURA ANALYSIS #3 - HEALTH LEVEL

PROFESSOR: [After AJ's Aura image is completed] OK, here's what AJ's Aura looks like. There's a lot of blue, both dark blue and light blue...

MIRZA: That's the same colors she's wearing!

STEVE: She's "the lady in blue"...

AJ: I always dress the way I feel. That's true, I always do.

PROFESSOR: Let's look at the left side of the body, again the Health Level. Don't forget - left body, right side of the chart. We'll start from the bottom, going up. Ok... purple, purple, purple,

and then the torso is purple. So the medical condition of the whole left side of her lower body is under the control of her mind.

Next, the entire arm is dark blue, which is increased biological activity, so she may have had recent exercise like Steve, or at least she has increased blood circulation in that arm. On the left shoulder is cyan, which can also be called turquoise. In the Health Level, cyan is “comfort and healthy biological activity in the circulatory systems, including blood circulation, respiratory, and lymphatic systems, and any fluid generating systems in the area of the bioenergy. Generally healthy.” So this cyan on the top of the arm appears to be the beginning - or causal - point of the increased circulation in the rest of that arm, which is evidenced by the dark blue. So that makes sense.

All around the head - left, right and top - and all the brain waves are light blue. But since it's brain waves, we have to use the psychological interpretation tables. Because anything mental uses the emotional / psychological interpretations. Light blue is “communication, perspective of reality, search for and expression of truth, open-minded communication with good intentions.” That's AJ.

AJ: That's true. I feel real good about my light blue up there... [laughter] Allow me to communicate that... [more laughter]

PROFESSOR: We also measured a secondary color of dark blue on top, which was together with the light blue. That is “leadership, expression of intellectual ideas which involve or influence material or social situations.” So this Aura is a very accurate reflection of AJ's personality. Speaking of personality, since we're in the center of the Aura, let's analyze the Chakras now, before we look at the right side of the body.

OK, start with the Base Chakra... dark blue. So the “sense of self” Chakra also has leadership energies. What's really interesting, in our 3 years of experimental trials with Aura imaging, we

found that in cases where a person had an extremely strong and obvious personality trait - something very clear and predominant in their personality - it was reflected every time by the top Crown Chakra or the Third Eye Chakra matching the Base Chakra. So when the top and bottom Chakras match, that indicates that the color of bioenergy describes a fundamental essence of their personality.

AJ: And in fact, when you look at the seven Chakras, with the Heart Chakra in the center, the Chakras above and below the center can match. In other words, the bioenergy colors can be symmetrical above and below the Heart Chakra. So the top and bottom are complementary, and can have the same bioenergy in pairs. The three Chakras below the Heart Chakra are physical related, and the three above it are mental related, or metaphysical. So the physical and metaphysical are sometimes paired up. And so while they don't have to match being the same color, there has to be equal power between them to be balanced.

PROFESSOR: So the idea is that to be balanced between the material world and the metaphysical world, you need to have some balance in the Chakras. Now, what would that balance be? What would indicate that balance?

AJ: I don't know. I'm sorry, I can't speak intelligently about it because I just brought it out of my head. But I can look it up.

PROFESSOR: Well, I think it is clear that the bottom ones are more related to physical things and the top ones are more related to mental things, and the body is designed that way, and the biological systems are designed that way, with the brain on top. But I think this idea of balance might be no more than philosophy.

AJ: Yes. Yes, actually it is philosophy. It isn't in scientific language; it is a philosophy about balance.

PROFESSOR: But that's not to say it's necessarily unscientific, but it is not informational. It is not mechanics. The mechanics that we do have are that each reference color - associated with a frequency - of each Chakra represents a category of information based on experimental associations, so we have just straightforward information without regard for any philosophy of balance.

What's interesting, though, about that theory - you mentioned the Heart Chakra being the center - is that at the Russian Center for Research of Traditional Medicine in Moscow, which is a medical school with a 70 bed hospital, they have specialized courses in energy medicine. And in the lessons in the Chakra workshops they teach that the Heart Chakra is the control center of all the meridian points. The meridian points are basically the acupuncture points, but they are also paths of energy. So there does exist some scientific research on these points. We just have to be strict about separating scientifically supported explanations from mere philosophy.

OK, now in the orange Chakra - the healing Chakra - AJ has gold. That would indicate that AJ has an abundance of healing energies, and that her healing energies are not being used to heal her own problems, because apparently she doesn't seem to have any. Instead her healing energies are being projected outwards for the benefit of other people. So AJ is in "healing mode," and if she would do some kind of Reiki exercise or something today, she would probably have incredible success with it.

The yellow Chakra - her comfort level. The factor influencing AJ's comfort level is green, which is emotional factors. So AJ is comfortable when emotions are comfortable, and made to feel uncomfortable when emotions are disturbed. That seems like a pretty normal - even universal - situation, right? But notice that this is different from Steve's Aura analysis where his comfort level was more dependent upon intellectual satisfaction. So although it sounds like a self-evident truism, it is actually meaningful and individualized information with some significance. Also

according to the traditional philosophy of balance, what would be so-called “normal” would be for yellow to be in the yellow Chakra. But logically, looking at AJ’s analysis, it seems more “normal” to have green energy there, because that is what affects most people’s comfort levels - their emotional environment.

AJ: Also, the Solar Plexus is the area where you feel emotion.

PROFESSOR: That’s the “gut feeling,” sure. OK, now in the Heart Chakra we have dark blue, which is leadership. She’s a leader “at heart.” [laughter] But, seriously, what that indicates is that in the category of emotions in AJ’s life, the biggest factor affecting her emotional condition is leadership. So AJ’s emotions are also influenced very much by her results and accomplishments as a leader. If she is frustrated one day as a leader, and things aren’t working out, and nobody’s listening to you, you’re going to be... well, emotionally disturbed [lots of laughter].

AJ: People say that frequently - that I’m emotionally disturbed! [More laughter.]

PROFESSOR: The Throat Chakra - communication - which is the category revealing the primary topic or focus of her communication skills. And here is purple, which is intellectual energy information. The Third Eye Chakra, which is the sphere of intellectual activity, also has leadership energy information, as we noticed before. So that finishes the Chakras.

Now, let’s analyze the right side of the body, on the left side of the chart, and since the measurements are within 4 inches from the body, and not near the brain or Chakras, we must use the Health Level interpretations. The whole thing is dark blue, except for a little bit of purple. So predominantly there is increased biological activity and healthy circulation, which is the same as on the left side, so this healthy condition is all over the whole body, all the way around. What have you been *doing*?

AJ: Do you think I'm going to tell *you* guys? [Lots of Laughter]

PROFESSOR: Uh-oh! She's got a price. [Laughter] You're going to have to package that and sell it.

AJ: Yea, you got it. Actually, I believe that the left side is the bioenergies that come in - what you're surrounded with, and the right side are the bioenergies that come out.

PROFESSOR: That's true, but only for the Emotional Level of the Aura, from 4-18 inches. Since this is the Health Level, it is purely related to the specific areas of the body, and interpreted as health information.

AJ: OK, so on the Emotional Level, I have a tendency not to integrate stuff that comes in. I will intellectually integrate it, but I will not integrate it in the bioenergy structure of my body. Remember we had the discussions of hate energy and stuff, and I just have a tendency to allow that stuff to go through me, and let it pass through.

PROFESSOR: Oh, so you think that this health chart - the fact that it matches on the left and right - might be part of that phenomenon that the energies tend to flow through you and right back out. So if you have lots of healthy energies in your environment, they would flow through you and back out. That's interesting, because on the Health Level, the specific part of the body where the bioenergy is found just identifies that a certain bioenergy is in that part of the body, and it's very physically focused. But the mechanics - the neurological and electrical field structure within your body that carries those energies - those mechanics would be the same, and could also effect the flow of the health energies. In other words, the bioenergy color on the Health Level are generated by the physical body, but they also can flow and travel through the same bioenergy systems and mechanics, just like the emotional level bioenergies could.

AJ: There also is another possible explanation for this, and that is since we started this spring season of the allergies, I have been taking a large amount of Ginseng, and antioxidants...

PROFESSOR: Now *that's* your secret! Ginseng and antioxidants. That's why she's all dark blue. That's why.

AJ: That's right. That's right, because that's part of dealing with part of the whole allergy thing, and that could very well be increased biological activity, because it really has boosted my body's systems.

7.7 AURA ANALYSIS #4 - PSYCHOLOGICAL LEVEL

PROFESSOR: Now, we have time to read Laura...

MIRZA: Laura's Aura! Laura's Aura - I've been waiting a long time to say that [laughter]. [AJ measure's "Laura's Aura," while Mirza draws the colors on the chart].

PROFESSOR: Now remember, this time we measured the Emotional Level of the Aura, from 4-18 inches away from the body, so the interpretations must be entirely psychological. In the Emotional Level, the left side of the body indicates all of the bioenergies in her environment, her mental and psychological surroundings. In Laura's environment, in Moscow, there is... cyan—"expression of emotions," and cyan appears in two places on her left side, so there's a lot of emotional outpouring happening around Laura. Light red – "sexual energy, romance, physical and sensual desire." [Laura begins to blush] It's not you, it's around you, in your environment. It's not necessarily you.

AJ: Oh, too bad! [laughter]

LAURA: Well, what's around is you, so it's you all! [more laughter]

STEVE: I was the closest one to her... [lots of laughter]

PROFESSOR: Light red is also related to “emotional and romantic fulfillment, or fun and entertainment.”

Orange reveals healing energy in your environment. Purple, which is intellectual or academic bioenergy, as well as psychic. Orchid, which is “psychic activity, understanding of truth, participating in energy information exchange.” So the orchid means that there are lots of metaphysical or subtle energies around you, and there might be some energy-energy interactions around you. So that’s Laura’s environment - emotional outpouring, healing energy, fun and romance, and intellectual activities.

The right side of the body in the emotional level reveals the bioenergies that Laura is projecting back out - or contributing - to her environment. Gold, which is an outpouring of healing energy.

MIRZA: [Sitting next to Laura] By the way, I am feeling it. [Laughter]

PROFESSOR: By the way, the interpretation of gold is a bit different on the emotional level. The association table lists “subject has an abundance of healing bioenergy which is not burdened or inhibited by any personal emotional issues.” So just as the Health Level orange means healing bioenergy acting on a part of the body, and Health Level gold means that it is not being used but rather free to heal others, the Emotional Level gold also means that the emotional healing bioenergy which she has is not being used to solve any problems, but is flowing outwards to be applied to other things.

Other bioenergies that Laura is projecting outwards... Dark blue- leadership. Purple - intellectual energy, and spiritual and psychic activity. Dark red - survival skills. Light red - romance, fun and

entertainment. Finally, orchid, which is “clarity of thought, psychic activity, and participating in energy information exchange.”

MIRZA: Wait a minute... those orchid energies of mental activity are coming out of her leg?

PROFESSOR: Don't be confused. This is not the Health Level. In the Emotional Level of the Aura, the energies are not directly associated with body parts. On the Emotional Level of the Aura, the body is merely a macrocosm of the brain - a magnified window into the brain - because all the parts of the body, in the Emotional Level, can be traced back through the nervous system and meridian system to specific parts of the brain. The brain itself is too small for us to look at, and we can't get an antenna or probes in there, but since the nerves spread out throughout the body, the body does the magnifying for us. As a result, the Emotional Level of the Aura shows only what bioenergies are related to the corresponding part of the brain. Since the active left brain is connected to the right body, the right side of the Emotional Level Aura reveals the bioenergies that she projects outwards into her environment.

By the way, about the dark blue interpretation of “leadership.” Leadership is not always like in the corporate boardroom. It is also “expression of intellectual ideas that involve or influence material or *social* situations,” so it could very well be Laura expressing some of her ideas and philosophies which are influencing her social situations.

LAURA: Yea, that's true. I'm constantly giving advice to people. Always, always, always. People are always coming to me with their problems.

PROFESSOR: Well, that explains the emotional outpouring in your environment, and your advice giving is revealed by your own dark blue bioenergies from influencing social situations.

Now let's do a comparison of the left and right sides of the Emotional Level Aura. We are

interested in the relationship between what bioenergies are in Laura's environment, and what bioenergies she is projecting outwards. This will tell us about her compatibility with her environment - her adaptation.

This kind of comparison analysis is not extremely important, but in certain cases it can reveal significant information. For example, if a person has lots of love, caring and emotional support bioenergies in their environment, but the person is projecting only survival and material focus bioenergies, it suggests a block. In other words, the person's psychology or behavior is poorly suited - or "inappropriate" - to their environment, and shows that they are unable to benefit from - or "accept" - the positive and constructive bioenergies or psychological stimuli in their environment.

On the other hand, if the environment contains all aggressive and survival bioenergies, and the person's own energies are all love, caring and openness, this could suggest poor adaptation and deficient psychological defense against a harmful and dangerous environment.

In Laura's case, everything seems to match. She has some purple coming in, and some purple coming out. She has light blue communication coming in and coming out, and orange healing energy coming in and an even better quality gold healing energy coming out. So she's a person who is very well adjusted to her environment.

Now let's look at the Chakra system for more information. The Base Chakra is dark red, showing that even Laura's basic sense of self is characterized by the immediate physical environment and material issues. There's orange in the healing Chakra, so she's a clear channel for healing bioenergies. The "yellow" Chakra contains light red, showing that the main factor in Laura's comfort level is "physical comfort, emotional fulfillment, fun and entertainment."

LAURA: It seems I need a lot of fun...

PROFESSOR: Well, you are always talking about your quest for more interesting activities. You

are always signing up for different groups and workshops - juggling, zen meditation, this crazy course... [laughter]

Let's go back to "Laura's Aura." She has green in the Heart Chakra, so she's a clear channel for all emotional bioenergies - no blocks or obstacles or issues, just a clear channel. The Throat Chakra, the category of communication, contains dark blue, which is the expression of ideas that influence social situations. So that's the primary type of Laura's communication, a kind of leadership communication. The Third Eye Chakra is also dark blue, showing that she's mentally focused on her advice giving. She probably thinks a lot about how to solve her friends' problems, and facilitate social situations. The Crown Chakra is purple, which is "intellectual activity, clarity of thought, academic activity or psychic ability." That means she's paying attention to our class. [Laughter.] So that is everything for now.

7.8 QUESTIONS AND CLASS DISCUSSION

STEVE: You know what I noticed? Why do you go from a numerical value - because the frequency counter gives you a numerical value - and then translate this into a color?

AJ: Because it has never been done in numerical before. It has always been done in color.

STEVE: So this is tradition? But from a scientific standpoint it might be better to keep it into a numerical value. Because you get into this stuff that's really esoteric, you know, colors, and emotions and so forth.

AJ: Well, that's because historically, in China, and the Eastern philosophies, it has always been done in colors. There wasn't any measurement at the time. It wasn't scientific.

STEVE: But what we did today, this is more of a scientific analysis. It's more scientific.

AJ: But you can talk to people about color. You can't talk to people in numbers.

PROFESSOR: Yes, that's exactly right. That's what it's all about. First of all, we keep the numbers. When we do a clinical Aura measurement for scientific studies, we write down the numbers. Today we just wrote down the colors on the chart, so we could see what the meanings were. But in the laboratory, you can write down the frequency, too.

In fact, the colors that we use in the **Resonant Field Imaging™** system are not arbitrary, and they are not based on philosophies. What we have done is literally calculate the association and correspondence of frequencies in the electromagnetic spectrum with frequencies in the optical spectrum of visible light. As a result, the scientific numbers do in fact identify specific colors. Because of this objective correlation, the colors are also scientifically determined, and have concrete scientific significance and independent meaning, as they accurately embody the properties and information that is related to the electromagnetic frequencies. Therefore, such scientifically calculated corresponding colors do not compromise the scientific value of the measurement process. They are, however, "reference colors," but these reference colors accurately identify and describe the technical properties and characteristics of the bioenergy that has been detected electromagnetically.

In reality, though, there is very little additional information that we would get from using only the numbers by themselves. The interpretations are not based upon philosophical ideas about the colors, but are firmly based on calculated correspondences and correlations with experimental occurrences of the numbers. It just happens that the bioenergies resonate at many different frequencies, so many different numbers all over the electromagnetic spectrum identify precisely the same bioenergies. The color system just takes advantage of the resonances in the optical spectrum, to assign reference colors that accurately identify the same bioenergy, regardless of which resonance it has at the moment. This is why it is called "Resonant" Field Imaging. As a

result, once we have the color, we have accurately and objectively identified the nature of the bioenergy, and can rely on the scientifically associated interpretations.

The only other thing that the numerical data can tell us, which the colors don't tell us, is the frequency - or speed - of energy information exchange in the bioenergy system we are measuring.

If blue is detected at around 160 MHz, and in another location blue is detected at around 320 MHz, the bioenergy is the same, and they in fact mean the same thing. The only difference is that the first light blue is vibrating slower, so it is less active, or less likely to be exchanging energy information with the environment, or with other parts of the Aura. The second light blue is vibrating much faster, so it can send and receive energy information signals about 2 times faster than the other bioenergy, so it could have a greater affect upon external bioenergies, and even other parts of the Aura. So the number is only useful for two things: (1) to tell us the identity of the bioenergy, as described by its reference color, and (2) to tell us which areas of the Aura are the most actively participating in energy information exchange with the environment or other regions of the Aura. For most Aura imaging purposes, however, we are only concerned with the identity and interpretation of the detected bioenergies, so we can comfortably rely on the reference colors alone.

MIRZA: I have another question. Can we check the colors of objects, like this black book, and this violet folder?

PROFESSOR: No. It is only bioenergy. Aura imaging can only detect bioenergy. If we read the bioenergies of this black book, they are not likely to be black just because the book is black. The book itself contains information, and when people read the book, this information is assimilated into their brain, and probably transmitted as thought forms as they understand and process the information in the book. The book, as physical matter, will be imprinted with the energy information from those thought forms, especially since books are usually held in the hands, and the head is physically close to the book. Therefore, the bioenergies of the book itself will be

related to the thoughts of those who read it, most likely influenced by the information content of the book itself.

The bioenergies are identified with reference to real colors on the optical spectrum, but here's the difference: the color of the book is merely the visual spectrum frequency of the physical matter of the book itself. On the other hand, the color of the bioenergy of the book is the resonance of an invisible electromagnetic frequency calculated into the optical spectrum, which tells us about the Aura of the book, or the energy information imprints in the book, as opposed to its physical appearance.

Let me say something about Steve's point, which is really important. We have the numbers, and they work really well, but we still need the colors because they are "reference" colors. The information resonates throughout the spectrum, and the same energy information- even the same identity of the same bioenergy - will register, or be detected, at different frequencies both high and low. So if we had to list every numerical resonance that there is for one color of bioenergy, there would be hundreds of them along the electromagnetic spectrum. We could never keep track of them all, but they all mean the same thing, and the identity and function of the bioenergy that's detected is the same. So we give it a reference color, and say that it's "blue." And the reason we say it's "blue" is because it resonates, eventually, at a frequency which - on the visual optical spectrum - would in fact be blue.

AJ: And, we see colors. We can read an Aura and see colors, we don't see numbers.

PROFESSOR: That's right. It's easy for us to interpret accurately, because we can learn the 15 colors, and remember what they mean. That way, when you're a doctor, and you look at the chart every time, it's like learning how to read an X-ray. You can learn what to look for, and you can remember what the information means.

AJ: Right, but there's a reason for doing it in the numbers, and that is everybody thinks it sounds crazy to talk about people having colors of some metaphysical energy around them. But when we sit down with a piece of equipment, and measure a person, and say "we can, by measuring these numerical frequencies, get a very good idea of what we can intuitively sense," but we can put the numbers to it.

There are many people who do psychically see Aura colors, but many times people see colors and they don't trust it. They think they are just "seeing things," like hallucination. Or they can sense energy, but they don't trust it. That's something that can't be documented, but it *can* be documented by numbers, by measuring these things. Except we can't say, "I saw a 93.4 today," but we can say, "I saw a lot of healing energy."

PROFESSOR: That is exactly why we perform **RFI** the way we do. We take measurements based only on numerical data, for objectivity and accuracy, and then calculate them into accurate and precise correlations with specific colors in the optical spectrum, which we use for reference colors. This way, we get the best of both worlds - scientific reliability, and practical usefulness.

LAURA: Can you actually see Auras, AJ?

AJ: Occasionally. Not all the time. It has to be very strong. I'm not very sensitive. But when the bioenergies are strong enough to sense, to really feel them, then I can see them. You see them in your "mind's eye," and you can trust that, because that's real.

PROFESSOR: So what that means is that this Aura imaging process- **Resonant Field Imaging™** - is not only a great way to get information fast and accurate from the human Aura, but it also is a verification of the work of psychics. We did a lot of experiments in the first year of developing this technology, where we had professional psychics who had lots of experience and training, and who were reputed to have good results. The psychics would read different people, and tell us what

colors were in the Aura and where, and we would verify it with the frequency counter. With the very well trained psychics, the correlations were at about 90% accuracy.

Keep in mind that our scientific verification readings are “blind,” because the numbers just come up on the frequency counter, and we can’t know what color is associated with each number until we look up the translation on the numerical data chart which shows the colors. So there is no way for the operator to influence the readings. To make these studies “double blind,” we would have the psychics write down their readings on a piece of paper, so that the operator’s subconscious thoughts or expectations about a color could not create interfering thought forms which could influence the bioenergies measured electronically.

This experiment proves that people can in fact do psychic work, and that they can actually visually and mentally “see” the color frequencies of bioenergy around the human body. So this means that you *can* do it, and you *can* learn to use your brain, and train yourself to become an effective, accurate, reliable psychic or bioenergy healer without bioenergyinformatic equipment.

AJ: You see, but nobody has ever documented that, really. They talk about people being healers, but there has not been enough really strong research to support that. But if you can measure it, that’s a different story.

STEVE: Maybe you covered this in the early classes which I missed, but how do you alter these bioenergies, how do you heal somebody with these problems?

AJ: Well, there are people who can, and these people have the ability to pull in other bioenergies to be able to counteract the patient’s bioenergy disturbances.

PROFESSOR: In other words, you do an analysis of the bioenergy conditions and the structure of the bioenergy fields of the patient, and then do an analysis just like the ones we did today on the

Health Level. And then you have to make some professional judgments, as a medical professional, about whether those conditions are healthy or not, and what would need to be corrected. Once you've decided that, as with any other medical analysis, now it is time to decide the treatment. So what we do is to engineer a treatment that is designed to balance the health condition, or to address its causes. There are two ways to do that. One is by controlling our thoughts, and projecting the electromagnetic thought form energy, so that it has an electromagnetic impact upon the bioenergy field and alter it according to the laws of electrical field and torsion field physics. The second way is to use technology like electrical field generators that modulate the pulsation, frequency, waveform, and other important characteristics of the healing stimulus. So we can literally engineer an electrical field that delivers energy information as a medical treatment, or which simply affects a medical treatment by the sheer impact of the electromagnetic field.

AJ: That's funny, I'm very uncomfortable with that concept, but at the same time I have to laugh at myself, because in allopathic medicine it's called "better living through chemistry." And what do we do? We go in and *chemically* alter people, to make things happen. And so I can philosophically say I'm not happy with the concept of taking a man-made electrical energy and going in and manipulating someone's electrical field, but how is that different than what we do chemically?

PROFESSOR: That's an excellent question. Here's the answer. In terms of the approach, it's very much the same. It's an external force that is engineered to have an impact on the physical body, and change its structure or function, so it's mostly the same thing. Well, what that tells us first is that bioenergy therapy with generators is just as tangible and real and scientific as any chemical engineering by the pharmaceutical companies. So bioenergy medicine is right on the same level of science and technology, and is just as legitimate.

The only difference is that in chemical medicine, overwhelmingly, the majority of chemical

medicines and pharmaceuticals are addressing only symptoms of illness. Only symptoms. If something hurts, you fix the pain, and totally forget about the source of the pain, the causes. In bioenergy medicine, we can go far beyond chemical medicine. Chemical medicine can affect some of the structures like pain receptors, or maybe stimulate some healing functions. In other words, it can do things to “cover up” the illness, because that’s what our biology does. It reconstructs and regenerates and “covers up” illness. For example, if you have an allergy, you can block the mast cell reaction, to make you stop sneezing, but that doesn’t do anything about what is happening inside your body in terms of the allergic reaction. You can still have rashes, swelling, and all kinds of things, but with medicine you will stop sneezing. That is pretty much all it can do. In bioenergy medicine, however, we can go into deeper levels and causes of illness, because the deeper levels and causes of illness are bioenergetic in nature. They are either mental, psychological, or just the subtle energy that is related to things happening biologically- the energy behind matter. So we can go to these deeper levels, and we now can engineer treatments that don’t just manipulate symptoms, but that actually go to the heart and deepest root of the cause, and can totally eliminate the illness, whether it is emotional, psychological, or even physical.

AJ: But the argument that I would use against that is the same that I would use against allopathic medicine, and that is: do we not better serve our clients by communicating with them about what the real issues are, and encouraging them to take responsibility for themselves? Because everybody heals themselves. You don’t heal somebody else, they must heal themselves. Energy medicine is also a modality to communicate to them what the issues are - I’m not going to dispute that - but if we focus on that communication, is that not better than going in and manipulating something? See, so I don’t think we should try to replace allopathic medicine by coming up with our own gadgets to bring in new energies and stuff. I think that we ought to be able to read where things are, and to let them decide when they are ready to learn the lesson they had to learn with this experience, heal themselves, and move on.

PROFESSOR: So what we need to break is this passive dependency of the patients on waiting to be magically healed by some “healer” who is “powerful” enough. Because if they *want* to be sick, if they have psychosomatic problems, or psychological factors that are participating in causing their illness, then you can use some big fancy medical device, and then afterwards they’ll just say “OK, who has a bigger, better device that I can go to?”

AJ: Exactly! It’s called “I don’t need to take responsibility for myself. I can go to some guru, and say heal me.” So we need to empower the patient, and I think that’s the direction that medicine in the US is going now, and that is the participation of the patient as an equal partner in the healing process. I think it’s trying to move towards that, but to do that, of course, physicians are going to have to assume a different role than they do now in the US. So I just don’t think that we should look at bioenergy medicine as a way of stepping into that void and coming up with magic answers.

PROFESSOR: So we need to do lots of engineering, and lots of analysis, and isolate the causative factors of illness, but we can’t forget that almost all of the time a major causative factor - if not a factor of the illness itself, at least a factor in the perpetuation of the illness - is psychological.

AJ: I remember about 20 years ago, a statistic I read was that 80% of all illnesses are psychosomatic in origin. It’s absolutely true.

STEVE: Also, a lot of the causes are environmental.

AJ: But then there’s the issue of why you chose to put yourself in that situation. I think there are a few things that are just purely physical, but it’s still 80% psychological. A virus is a virus, but if you are well, and your immune system is well, you will not be attacked by that virus. So you choose to allow that virus to enter your body and take over.

PROFESSOR: So we can tune in to the complex frequency of that virus, and we can engineer and deliver an electrofield treatment with an opposite frequency and shape and flatline it, and kill the virus. And it will work, but then we also have to consider why this happened, and what lowered the patient's immune system. What that means is that we need to develop what is called "health psychology." Bioenergyinformatics is a phenomenal health care technology that goes beyond the capabilities of any previous technology, but it has to be done not only by medical doctors, but in cooperation with psychologists. That also means that it would be a good health care policy to have medical doctors who have some training in psychotherapy and bioenergyinformatics, and are allowed to use it in conjunction with their medical practices.

AJ: Great idea.

PROFESSOR: But the real power of energy medicine is its ability to detect, quantify, and analyze psychological as well as physical conditions. In this Aura imaging, for example, we saw how bioenergyinformatic science can give us complete and detailed information about a person's psychology and emotions, and how that effects their health in specific ways. So the value of energy medicine is not the possibility of replacing chemical technology with electronic devices, but rather the overwhelmingly formidable potential of energy medicine to analyze and work with both physical, mental and psychosomatic problems. In essence, it is simply a more complete and more comprehensive field of science. The only disadvantage, at the moment, is that it is still a developing technology. But in the middle ages when they were using leeches to suck blood, allopathic medicine was also a developing technology, so that is no obstacle.

8.0 GENERATING INCOME WITH RFI

There are basically two ways to earn income through ITEM's **RFI** program: through ITEM's **RFI** Research Coordinator Program and by using **RFI** as part of your practice. The following sections are devoted to these income-generating activities.

8.1 RFI RESEARCH COORDINATOR PROGRAM

ITEM's **RFI** Research Coordinator Program is not a "distributorship," but rather a program for raising funds and contributing new discoveries toward ITEM's ongoing research and development (R&D). You can earn money as a Research Coordinator by recruiting new licensees for ITEM's **RFI** R&D program. There are two types of Research Coordinator positions – "Basic" and "Advanced," as discussed below. **Important Note** – if you ordered **RFI** through a distributor of ITEM, these programs do not apply to you, although you can contact the distributor to inquire about the kind of programs it may be able to offer.

8.1.1 Basic Research Coordinator

When you order the **RFI** system, ITEM sells you a license to use this evolving technology, along with the necessary equipment and software. When ITEM sells you this license, we automatically consider you a "Basic Research Coordinator" for **RFI**. Under ITEM's existing policy for Basic Research Coordinators, for every referral you make that results in a new **RFI** license sale for ITEM, we reward you with a **\$100 referral commission**. However, we need documentation of the referral before we award the commission. There are at least two ways that such documentation can be provided:

- 1) Distribute the **RFI System Flyers** (available on the **RFI** Investigators' website) to interested

people. Write your **name** on the bottom of the mail-in form (back side) before you distribute them. If the interested person sends in the form, ITEM will see your name on the form and instantly credit you for the referral commission. Alternatively, you can develop your own custom **RFI** advertisements for distribution. If you decide to develop your own advertisements, you must follow these rules:

- You must contact ITEM to inform us of your intention to develop a custom advertisement. This way, we can keep track of authorized advertisements versus unauthorized advertisements.
 - You must send ITEM a copy of the advertisement when it is finished. We also suggest that you send a draft so that we can make comments on it before you spend money on making finished advertisements that may not be acceptable. The draft or final advertisements must be modified in accordance with our comments for us to consider it an authorized advertisement.
 - You must include the following notice somewhere on your advertisement: "Resonant Field Imaging™ (RFI) is a trademark of Innovation Technologies and Energy Medicine (ITEM). Copyright © 2004, All International Rights Reserved. Website: <http://www.item-bioenergy.com>."
- 2) If the new orders are made through ITEM's website, rather than sent in by mail, you can earn referral commissions when the new licensee indicates your name in the Comments section of ITEM's internet order form. You should therefore request that the new licensee list your name in the Comments section when ordering through ITEM's website. Exceptions can be made on a case-by-case basis if your name is not listed on the order form, but the new licensee reports that a referral was made through you.

If you live in the US or if your bank can accept checks made in US dollars, we will send your \$100 referral commission through an ITEM company check. If your bank cannot accept US dollars, then we recommend that you: 1) collect the full **RFI** payment plus the shipping and handling fee from the new licensee; 2) place an order for the **RFI** package on ITEM's website using your credit card and list that the order is for a Basic Research Coordinator, as well as your Associate Number; and 3) ITEM will automatically credit you for \$100. In this way, you will have received a net profit of \$100.

Some new **RFI** Investigators have quickly recovered the cost of the **RFI** license in a few short months through such referral commissions. There is unlimited earning potential, but of course how much you earn is entirely up to you.

8.1.2 Advanced Research Coordinator

The "Basic" program provides you the opportunity to earn referral commissions of \$100 (US) per sale for each new **RFI** licensee that you recruit. If you are interested in the potential for even greater profits, then you may be interested in the "**Advanced**" program. The Advanced program provides Research Coordinators the opportunity for significant discounts on new **RFI** systems. The Advanced Research Coordinator purchases **RFI** systems from ITEM at discounted prices, then sells the **RFI** systems to others at the retail price.

Advanced Research Coordinator Price List

The following Advanced Research Coordinator Price List is based on ITEM's most current figures of the supply and materials costs, ITEM's fixed internal costs, and our best estimates of how these costs are reduced in proportion to the volume of orders. The price list offers greater discounts for

larger numbers of units per order. This discount structure should not be perceived to indicate any lower value of the products, nor should it be construed to imply that better prices are available for lower volume orders. The policy of incrementally increased discounts for higher volume orders is based upon a principle that is a win-win situation for both ITEM and its Advanced Research Coordinators. By encouraging Advanced Research Coordinators to order more **RFI** systems at a time, this allows ITEM to buy larger quantities of materials and supplies at a discount, and more efficiently use the paid time of its staff, thereby reducing the costs to all Advanced Research Coordinators.

In this way, ITEM lowers the costs for Advanced Research Coordinators who recruit fewer **RFI** Investigators, and ITEM reduces its own profits to encourage Advanced Research Coordinators to order a greater number of **RFI** packages per shipment. This structure also takes into consideration the increased advertising and marketing expenses necessary for Advanced Research Coordinators to recruit more RFI Investigators. Therefore, this pricing structure makes the whole R&D program more stable, and more profitable for the Research Coordinators.

The **Pricing Structure** is determined by associating a percent discount for each number of units ordered in the same Research Coordinator order. The prices assume a retail cost for **RFI** of \$890 (US), which is subject to change:

Units per Order	Percent Discount on Retail Price	Research Coordinator Price per Unit (USD)	Research Coordinator Profit per Unit (USD)
2-3	30%	\$625	\$265
4-5	35%	\$580	\$310
6-10	40%	\$535	\$355
11-20	45%	\$490	\$400
21 or more	50%	\$445	\$445

In order to begin earning money as an Advanced Research Coordinator for ITEM, and be given

the right to purchase **RFI** packages at the Advanced Research Coordinator discounts, all you have to do is place a **minimum first order of 2 units**. **If you would like to be considered an Exclusive Coordinator for a particular country or region, please contact ITEM** – certain territories are already under agreement. The commitment to a minimum quantity of new **RFI** Investigators is a requirement for exclusive arrangements.

Profitability Analysis

ITEM designed the program to create a small business for Advanced Research Coordinators, as a method of payment for their services and support. The Advanced Research Coordinators purchase prototype packages at a discount from ITEM, to accelerate ITEM's R&D activities. They then collect financial contributions from new licensees at the same price that they would pay directly to ITEM. In this respect, the Advanced Research Coordinator Program can be compared to a retail sales business for the purposes of profitability analysis.

As you can see from the table above, **the more units that you invest in per order, the higher your profit margin will be**, and the faster you can jump to the next higher profit margin. If you invest a little more in promotion such as a storefront or featured display, promotional demonstrations at health conferences or alternative health fairs, or advertisements in local special interest publications such as newsletters, you will increase interest in **RFI** technology, making your business larger and more profitable all the time.

Many merchants and retail sales businesses measure their profits in terms of "markup." The term "markup" indicates a percent, which is the percent of the wholesale price that is added on to calculate the retail price. For example, if you purchase something for \$70, and sell it for \$100, you have literally "marked up" the product by \$30. Since \$30 is 43% of \$70, they say that the "mark up" on the product was 43%. In other words, the percent "markup" is identical to the **percent**

return on your investment.

Most merchants require a markup of 30% for products that they will sell in their retail business. ITEM's Advanced Research Coordinator pricing structure gives you a **markup of at least 43% right from the beginning**. Your profit margin is entirely under your control, depending on how much you want to invest in promotion and reaching out to potential **RFI** licensees. The following is a table showing the "markup" at each level of quantity per order:

Units per Order	Percent Discount	Percent "Markup" (% Return on Investment)
2-3	30%	43%
4-5	35%	54%
6-10	40%	67%
11-20	45%	82%
21 or more	50%	100%

ITEM offers the following support to Advanced Research Coordinators:

- 1) Provide official ITEM promotional materials to assist Research Coordinators in recruiting new **RFI** licensees;
- 2) Purchase equipment, print manuals, produce software, and assemble the **RFI** packages for your new licensees;
- 3) Handle shipping and delivery arrangements;
- 4) Provide technical support to your new licensees; and
- 5) Continue R&D efforts in response to your licensee discoveries and comments.

Advanced Research Coordinators will be expected to:

- 1) Learn the **RFI** process and study the manual;
- 2) Demonstrate the **RFI** system to prospective recruits or hand out ITEM literature and **RFI** promotional materials;
- 3) Provide ITEM with the full contact information of any new licensees who order **RFI** through the Research Coordinator (not directly through ITEM); and
- 4) Forward any comments from licensees, and encourage licensees to have direct communications with ITEM.

Advanced Research Coordinators must follow the rules presented in Section 8.1.1 if the creation of custom **RFI** advertisements is proposed.

8.1.3 Important Eligibility Rules for Basic and Advanced Coordinators

- 1) The type of advertising that Research Coordinators are allowed to use on the Internet is strictly limited. **Promotion of RFI on other web sites is only permitted if 3 rules are followed (A, B and C below):**
 - A. The web site must have its own independent primary purpose or content separate from RFI, such that **RFI** is not the only or primary purpose for existence of that web site. In other words, it must have something of its own to offer which is the predominant content (e.g., more than 50%) of that web site, such as free reports or information, discussion groups, scientific or philosophical content, evaluations of healing methods, practices or technologies, to name a few examples.
 - B. The presentation or description of **RFI** on that web site must be original content that is the scientific or creative work of the authors of the web site. In other words, it must be

either new descriptions of how **RFI** can be used for a special interest group, practice or hobby, evaluations, recommendations or endorsements or **RFI** testimonials collected by the Research Coordinators, and similar new contributions from the Research Coordinators creating or sponsoring the web site.

- C. The web site must contain a link directly to ITEM's website at the top of any page discussing **RFI** (ITEM's website is <http://www.item-bioenergy.com>). The Research Coordinator must contact ITEM (Central@item-bioenergy.com) for approval of its web content prior to publication. Otherwise, no referral commissions will be awarded.
- 2) Research Coordinator referral commissions (currently \$100) for recruiting new licensees are for in-person referrals only, not for Internet clickthroughs from other web sites. The high commissions are offered on the theory that such person-to-person communication reaches people whom ITEM cannot reach from Internet promotion alone. ITEM will not pay such referral commissions for mere links from other web sites.
- 3) The high in-person referral fees will not be credited if the Research Coordinator's website instructs visitors to simply enter the Coordinator's name and Associate Number when ordering directly from ITEM, or if such information is entered onto ITEM's shopping cart by some automatic mechanism of the Coordinator's website.
- 4) It is permitted to operate a website in accordance with the above rules based upon the Research Coordinator program and Research Coordinator fee structure, and provide contact information for visitors to that website to make in-person contact for demonstrations or discussion. It is also permitted to operate such a website in order to supplement your in-person presentations, and encourage in-person leads to maintain contact with you. Subsequent direct orders on ITEM's website containing the Research Coordinator's name

and Associate Number will be credited and paid by ITEM as in-person referral fees.

- 5) ITEM's reports and descriptions on its Internet site, and its printed brochures, are Copyright © ITEM, and ITEM does not permit their use on other web sites. Therefore, copying of ITEM's materials by Research Coordinators for use on their own websites or in new publications under their own name, is strictly prohibited.
- 6) Quoting selected sentences or paragraphs from the text of ITEM's reports and materials is permitted, provided that the quotes are attributed to "Innovation Technologies and Energy Medicine (ITEM)", either immediately following each quote, or in the form of numbered footnotes or endnotes, and provided that such quotes do not comprise more than 25% of the text of the document.
- 7) All new publications or promotions created by the Research Coordinators, whether in print or on the Internet, must be under their own individual name or company or organization name. The statement "**Resonant Field Imaging™** and **RFI** are Trademarks of Innovation Technologies and Energy Medicine" must appear at the bottom of any pages featuring **RFI**, and in the body of the text, the indication "(TM)" must appear after every use of the words "Resonant Field Imaging" or "RFI", to indicate that they are trademarks of ITEM.
- 8) Official brochures and marketing materials created by ITEM may be photocopied, and reports from ITEM's official website may be printed and photocopied, and Research Coordinators are permitted to use those paper materials unaltered to assist them in recruiting new licensees by person-to-person contact and referral.
- 9) ITEM reserves the right to decline to supply or pay in-person referral fees to any Research Coordinator which does not comply with the above rules and conditions of ITEM's

Research Coordinator Program.

If you have any questions about these rules and conditions, please contact us.

8.2 **USING RFI FOR CLIENTELE**

Many new **RFI** licensees use **RFI** to supplement their existing alternative health, energy medicine, or psychological practice. **RFI** adds a new dimension that will not only help you analyze the conditions of your patients, but may also assist in recruiting new clientele. Some new Investigators have in fact developed a new business for the sole purpose of performing **RFI** readings. Whatever the case, ITEM offers no suggestions on how much you should charge for **RFI** “consultations” – charge whatever you are comfortable with.

In addition to incorporating **RFI** into your practice, many licensees choose to perform **RFI** readings at fairs as an extra source of income. Since **RFI** can be used in broad daylight, it is perfect for outdoor or indoor psychic fairs, health fairs, and scientific conventions. Everyone wants to know what their Aura looks like, or see scientific proof that Auras are real, so creating color charts and interpretations quickly become the most popular event at any weekend fair. The antennas and numbers in scientific units make a great impression, put on a good show, and project a professional scientific image.

Just install the **RFI** software program on a **notebook or laptop PC**, and bring a color printer, as well as the hand-held frequency counter. The color Aura images usually sell for at least \$10-20 each, and one **RFI** package can be used to make full body images for approximately 4 to 6 people per hour.

At one health fair, **RFI** competed with a \$20,000 Polaroid-based Aura camera. People at the

weekend fair quickly realized that the expensive camera only showed the upper body, and excluded even the hands, and the images were cloudy and vague. They much preferred the precise, full body **RFI** color images including the seven chakras. Most importantly, people were more intrigued by the depth and detail of *information* about their Aura that only **RFI** could provide.

By lunchtime of the first day of the weekend, the \$20,000 Aura camera was sitting unused, and ITEM's technicians were working overtime with two **RFI** units, reading 12 people per hour for the remainder of the weekend.

ITEM has always found **RFI** to be the “hit of the show” whenever we attend health care conferences, alternative health or spirituality fairs. Based on our positive experiences, we can make the following suggestions:

- 1) We like to create a sign to put next to our booth, to give people passing by an immediate explanation of what they are witnessing while we are busy doing Aura readings for clients. We usually bring a simple wooden artist's easel, which we use to hold a white Styrofoam poster board. We simply print out sample aura images, make enlarged color photocopies, and glue them onto the poster board, along with a large title such as **'Resonant Field Imaging™ Aura Analysis and Brain Scanning.'** This always attracts many people who want to see their Aura and receive interpretations. It is also useful to have the **RFI** Video (see Help menu in software) on a computer while at public events to attract visitors.
- 2) Bring something that attracts attention from a distance. For example, ITEM has used a strobe light. We cover the lens with purple plastic “stage gel,” and put it on the floor under our sign. Set the strobe light speed for a very low frequency, so that it attracts attention, but does not have an agitating effect. About one pulse per second creates a pleasant effect, and lights the floor in front of your booth with a mood-setting attention-getter.

- 3) When making many Aura charts in public, such as at a health conference or psychic fair, it is often convenient to have an assistant. As you see the numbers on the frequency counter, and lock in a number with the “Hold” button, read that number out loud to your assistant. Your assistant can then click on the region of the Aura that you were measuring, and type that number into the computer program. The computer will then calculate and draw the bioenergy color on the chart for you while you continue scanning the Aura and watching the numbers on the frequency counter. This saves much time, allowing you to read more clients per hour, and you can take turns or give each other occasional breaks. Reading the numbers out loud, especially while wearing the white laboratory coats and holding antennas, also attracts much positive attention at public events, and projects a more professional and scientific image.
- 4) When making Aura charts at a public event, it is important to bring a color printer, and make full use of the interpretation functions of the custom computer software. You should bring enough paper to print out interpretation sheets that clients can take home along with their color Aura charts. This increases the desirability and demand for purchasing your Aura images, because people will be most interested in the information from their Aura, and they can continue to enjoy and understand the complex meanings and interpretations long after you have explained it to them.
- 5) You should charge different rates for different levels of analysis and interpretation. For example, for a Health or Psychological Level reading only, you could charge \$10 (US). For a reading with both Health and Psychological levels you could charge \$15. For a reading of all levels of the Aura plus a Brain image with interpretations, you could charge \$20. However, charge whatever you feel comfortable with.

9.0 TECHNICAL SUPPORT FOR YOUR RFI PACKAGE

Free Technical Support will be provided to assist **RFI** Investigators with all questions directly related to (1) the effective use of **RFI** technology, as well as (2) solving any problems which appear to be related to the use or functioning of the **RFI** system itself.

This free technical support includes unlimited lifetime e-mail support with an ITEM expert consultant. Our technical support email is **Central@item-bioenergy.com**. If you need consultation over the telephone, please call 1-888-304-ITEM or let us know through e-mail correspondence and a representative from ITEM will arrange for an appropriate time for a conversation.

ITEM reserves the right to charge a fee for consultations related to (1) specialized uses of **RFI** for specific purposes other than measuring the human Aura field, (2) general scientific principles of Auras and bioenergies, or (3) custom design or selection of alternative frequency counting methods or devices. ITEM highly recommends that **RFI** users study ITEM's Professional Development Series (see **<http://www.item-bioenergy.com/certification/index.html>**) to learn advanced theories and approaches to bioenergy sciences, and to earn international certification in Energy Medicine.

The frequency counter is selected by ITEM as being most suitable for the **RFI** process. We test each frequency counter before shipping it as part of the **RFI** package. ITEM does not have any role in the design, manufacture or repair of the frequency counters provided, although we can help you with frequency counter problems. As stated in Section 3.1.5, please contact ITEM if you identify a problem, and we can advise you on your options for repair or replacement.

The custom **RFI** software is developed and owned by ITEM. If you have any problems with the proper functioning of your software, or discover any errors that we may have missed, please tell us in as much detail as you can. If there is an actual defect or malfunction, we will make appropriate

changes in the software, and send you a new upgraded software program free of charge. If it is an improvement or modification of existing functions that currently work properly, then we will make the changes as soon as possible, and offer upgrades to all **RFI** Investigators at a reduced price.

Please note that this print version of the Technical Manual is condensed, and the complete version of the Technical Manual is located on the CD and at **www.item-bioenergy.com/rfi/technicalmanual**.

Best wishes from the staff at ITEM on your use and exploration of **RFI** technology!