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Industrial Toxicological Comparative Report on Emission and/or Receiving of Frequency Signals from the Human Body with SCADA Applications

INTRODUCTION

On March 5, 2014 Mr. K[redacted] P[redacted] was tested for frequencies being emitted from and/or being received through his body by Ms. Melinda Kidder, Private Investigator, Columbia Investigations, Columbia, Missouri. (See attached copy of M. Kidder's Report dated March 7, 2014.)

The results of Ms. Kidder's testing did determine that Mr. P[redacted] on March 5, 2014 was receiving specific signal ranges on the 2.86 GHz range of the ACECO/RFID equipment. It should be noted that when holding the ACECO at certain points of the body, it did not impact a change in the signal. The signals were not coming from his body, but were in the ambient at the time of his scan. And holding the unit at certain points of his body did not seem to impart a change in the signal. The signal readings were as follows: 2681.257 MHz; 2679.767 MHz, 2678.456 MHz, 2671.583 MHz and 2677.358 MHz and ambient.

Ms. Kidder performed a test for ferrous and non-ferrous materials (Garrett THD test), which found no alerts for ferrous type metals. Using Method Standard Five, there was nothing of note per Ms. Kidder's report.

Ms. Kidder tested Mr. P[redacted] body for RF/GPS/Microwave test using the MCD-22H and no signals were detected. Using Ms. Kidder's Method Standard Four, UV light showed a scar on Mr. P[redacted] tongue approximately one inch in length on the right lateral edge. P[redacted] stated to Ms. Kidder that it was from a known biopsy.

The EXTECH ELF/EMF Scan readings varied, which is unusual. The EXTECH Control test was standard for the room was 0.00-0.01 u. Testing on a microwave in a separate room showed 0.95 u with equipment showing readings within normal limits, Ms. Kidder proceeded with testing Mr. P[redacted] with normal being 0.00-0.01u. The results were as taken from Ms. Kidder's report and the readings were cross referenced by the muscles/locations due to the new applications of lipid particulate DDS (drug delivery systems), which include the following: nanoparticles, liposomes, transfersomes, ethosomes, lipospheres, niasomes,

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cubasomes, virosomes, iscomes, nanoemulsions, cochleates, and phytosomes as integrated advanced nano materials within a specific type of designed telemetric system. Ms. Kidder's report states that "normal" for Mr. P[redacted] was 0.00-0.01 u range. His abnormal results were as follows:

1) 0.02u at the left zygomatic bone
2) 0.02u at the left deltoid near the acromion
3) 0.04u at the right deltoid
4) 0.04u at the right pectoralis major
5) 0.02u at the left pectoralis major
6) 0.02u at the xiphoid process
7) 0.02u at the umbilical region
8) 0.02u at theleft iliac region
9) 0.02u two points in the right iliac region
10) 0.02u at the left iliopsoas
11) 0.03u at the right patella
12) 0.02u at the right lateral malleolus
13) 0.02u at the first metatarsal of the right foot
14) 0.04u at the left coronal suture at the superior temporal line
15) 0.02u centered at the lambdoid suture a t the occipital bone of the skull
16) 0.03u at the right trapezious
17) 0.02u bilaterally at approximately the kidneys
18) 0.02u at the left iliac crest
19) 0.02u at the left calcaneous

Mr. P[redacted] had a total of 19 locations of single emitting frequency locations with 3 different wave guide numbers.

Under UV lighting Mr. P[redacted]'s naturally hazel eyes reflected a bright, strong green hue at the pupil and purple at the edge of the iris.

DISCUSSION

Mr. K[redacted] P[redacted] had previous biological monitoring tests and reports, which are as follows:

- Toxicogenomic Dysfunction Analysis Report by Dr. Hildegarde Staninger, RIET-1 Dated: February 7, 2010.
- Toxicological Dysfunction Analysis Report by Dr. Hildegarde Staninger, RIET-1 Dated: February 7, 2010

The reports are in-depth to the subject matter and will be addressed throughout this section of the current report as needed.

The single frequency receiving applications of the testing performed by Ms. Kidder suggests that the actual waveguide may be spheroid in composition, since single frequency readings are being observed vs. hula hoop applications or looping.

Mr. P[redacted] has been evaluated in the past for epilepsy, which is relative to specific wave guides as associated with 0.02u, 0.03u and 0.04u. An encapsulated nano sensor circuit in xerogel (makes soft nano composite materials hard) with thin films for sensing epilepsy using a DNA Thiophene chip for brain machine interface has been developed at McGill prosthetic lab. It is important to note that Mr. P[redacted] Toxicological Dysfunction Analysis Report in February 2010 stated a level of 1-naphthol at > 4.0 mcg/ml (Ref: 0.10 mcg/ml), which was 40 times greater than its reporting limit. The compound is a metabolite of naphthalene, which is also a sub-metabolite of thiophene as found in the DNA Thiophene DNA Chips.

Wave guides 0.03u and 0.04 u for the herbivore acid ion channels (AS1Cs) total non-enzymatic antioxidant potential of sulfur-containing odorants as found in thiols and mercaptains. Mutations of genes NVN2820. Glyceraldehyde 3 dehydroxyphosphate (AF22093 gene) are reactive. These genes affect the calcium channel, which then triggers seizures in from thiol or mercaptane exposures.

Waveguide 0.02, 0.01, 0.06, 0.03, 0.0r, and 0.13 for paleoproterozoic high sulphidation epitheral - herkules.ouu.fi.

Regulation of endothelia gene (Smart Tech) acute and chronic oxygen severity as a radiation detector with wave guides 0.01, 0.02, 0.03, 0.04 and 0.05.

The colorimetric polymeric thiol chips (pixel monitoring of the body) utilizes a magnetic cleaning and flushing of the area. It has been found that males, with mutant rT3 high (thiol proteaser) are epigenic programmers of any DNA either directly or indirectly via metabolic sensing. This is very important because Mr. P[redacted] may have also, the mutant FOX m1 gene, which is known through epigenics as the "brain washing" gene. (Example: individual has had cancer and gone, cells tell the other cells they still have cancer or relative has cancer generations back and you say you will get it and get it.) Localized adaptions and responses to in-feed antibiotics may be done digitally. This means that the coatings on the nano spheroids may have at a minimum 60 antibiotics, 60 chemicals and/or 60 pathogens.

The waveguides found are also associated with microwave to millimeter-ware (Micro/Nano technology connections) through monolithic wafers-local millimeter wave MEMS waveguide that is used specifically by satellites and short range communications at a nano-scale diamond, i.e. very small microwave and tiny-microwaves.

Multiplexing of hot-electron nanobolometers using microwave technology utilizes far-infrared, nid and near infrared with a coplanar wave guide. This means that several frequency signals may be utilized by one spheroid, but the spheroid is connected at various angles to another group.

A xiphoid process may occur at 0.02u with GaNyAs/GaAs as applied to optical wave guide technology for a label-free biosensor for DNA detection based on ligand-responsive activations and plasma TNF-alpha applications. This is known as low-loss optical

waveguides and Y-branch splitters in a lithium niobate process with xeno grafted human *-87 MG glioblastoma (in a circular array).

Previous biological monitoring tests for Lyme disease showed no Lyme disease but Mr. P[redacted] was positive for KD-39 and KD-41. KD-39 is sued in adenoviral protein envelops as a DNA binding protein for KD-39 receptor-associated protein especially for transcription of myelin basic protein genes in oligodenrocytic cells. Adenovirus-mediated transfer of the 39 Kd receptor-associated protein increases fibrinolytic capacity. Mr. P[redacted] experienced these symptoms in 2010 and less now as the DNA-Thiophene type DNA chip would wear off after five (5) years.

The meosthelium has an important role in maintain an adequate fibrinolytic capacity in the peritoneal cavity and thus in preventing the formation of fibrinous peritoneal adhesions by secreting the fibrinolytic enzyme tissue type plasminogen activator (t-PA). The firbrinolytic activity of human mesothelial cells (HMCs) is counteracted by rapid uptake of t-PA via the low-density lipoprotein receptor-related protein (LRP). The 39 KD receptor-associated proteins (RA) is an inhibitor of binding to t-PA to LRP, but RAP itself is also rapid degraded via LRP. Individuals lacking the ability to counter this reaction would be at greater risk to the diseases mesotheliuoma, which has always been associated with exposure to asbestos. Further studies by Dr. Hildegarde Stanigner, 2009 have shown the association of mesotheliuoma to asbestos and Simian Virus (KD-45/40) as associated as a contaminant of the polio vaccine. The use of adenovirus envelops has been in vaccines. Currently, gene therapy is using this technology as a gene delivery system as pioneered by Baylor University, Texas.

The various nanospheroid waveguides may couple with a minimum of 3 outer nanorods, each showing a down welling (as in the thin film, wells) of shortwave (KD) and long wave with a maximum of 0.04 units. This would go in squares oriented oblate spheroids based on the pore structure analysis. This type of spheroid would utilize dielectric and C-band microwave scattering.

Ms. Kidder's Report states that Mr. P[redacted] has experienced a number of symptoms as related to his electronic harassment, which include the following:

- Unexplained burns on the body
- Feelings of being frozen or feverish
- Exhaustion
- Nausea
- Dizziness
- Heart palpitations
- Chest pain loss of consciousness
- Glaucoma
- Nerve damage to the left eye
- Edema in eyes
- Microwave and pulsating in feet up into lower extremities
- Blisters in mouth

- Lock jaw
- Boils in mouth
- Swelling in throat
- Migraines
- Slurred speech
- Exhaustion
- Loss of bowel control
- Sleep deprivation
- Visual disturbances.

The reference to glaucoma is important, due to exposure to thiols, mercaptans and mutated FOX genes (FOX P2, FOX m1 and ZnT8 genes) with blood group O has been associated with inducing acute glaucoma symptoms.

2.86 GHz Frequencies

The 2.86 GHz range of frequencies received by Mr. P[redacted] is reflective of the following FCC Table of Frequency Allocations for year 2012 and 2013. Due to Ms. Bender having frequency transmission experiences in prior events the year 2012 will be a focal point to the origins of the transmissions. Additional SCADA assessment for the computer assisted human assessment management origins will be incorporated at a future date upon Ms. Bender's approval.

2.86 GHz range of the ACECO/RFID equipment results were the following:

- 2681.257 MHz
- 2679.767 MHz
- 2678.456 MHz
- 2671.583 MHz
- 2677.358 MHz

Year 2012 FCC Table of Frequency Allocations 47 C.F.R. Statute 2.106 Revised on May 25, 2012.

5.419 When introducing systems of the mobile-satellite service in the band 2670-2690 MHz, administrations shall take all necessary steps to protect the satellite systems operating in this band prior to 3 March 1992. The coordination of mobile-satellite systems in the band shall be in accordance with No.9.11A. (WRC-07) [Note: This applies to new NASA and US Air Force – nano hand held satellite system and Hitchhiking Satellite Systems, see Attachment I of this report.]

5.423 in the band 2700-2900 MHz, ground-based radars used for meteorological purposes are authorized to operate on a basis of equality with stations of the aeronautical radionavigaiton service.

5.410 The band 2500-2690 MHz may be used for tropospheric scatter systems in region 1, subject to agreement obtained under No. 9.21. Administrations shall make all practicable

efforts to avoid developing new tropospheric scatter systems in this band. When planning new tropospheric scatter radio-relay links in this band, all possible measures shall be taken to avoid directing the antennas of these links towards the geostationary-satellite orbit. (WRC-07)

5.458 In the band 6425-7075 MHz, passive microwave sensor measurements are carried out over the oceans. In the band 7075-7250 MHz, passive microwave sensor measurements are carried out. Administrations should bear in mid the needs of the Earth exploration-satellite (passive) and space research (passive services in their future planning of the bands 6425-7025 MHz and 7075-7250 MHz.

Year 2013 FCC Table of Frequency Allocations 47 C.F.R. Statute 2.106 Revised on April 16, 2013

5.419 When introducing systems of the mobile-satellite service in the band 2670-2690 MHz, administrations shall take all necessary steps to protect the satellite systems operating in this band prior to 2 March 1992. The coordination of mobile-satellite systems in the band shall be in accordance with No. 9.11 A. (WRC-07)

5.423 In the band 2700-2900 MHz, ground-based radars sued for meteorological purposes are authorized to operate on a basis of equality with stations of the aeronautical radio-navigation service.

DEFINITON of Tropospheric Scatter
A tropospheric scatter (known as "troposcatter" among practitioners) is a method of transmitting and receiving microwave radio signals over considerable distances – often up to 300 km. this method of propagation uses the tropospheric scatter phenomenon, where radio waves at particular frequencies are randomly scattered as they pass through the upper layers of the troposphere (hence troposcatter). Radio signals are transmitted in a tight beam aimed at the tropopause, midway between the transmitter and receiver sites; as a receiver station to pick up the signal. A related system is meteor burst communications, which uses the ionized trails of meteors to improve the strength of the scattering.

Normally, microwave signals, transmitted at various frequencies, usually around 12 Gigahertz (GHz) or 19 GHz, are only used for "line of sight" applications, where the receiver can be "seen" form the transmitter. However tropospheric scatter signals use a frequency of around 2 GHz.

Because the troposphere is turbulent and has a high proportion of moisture the tropospheric scatter radio signals are refracted and consequently only a proportion of the radio energy is collected by the receiving antenna. Frequencies of transmission around 2 GHz are best suited for tropospheric scatter systems as at this frequency the wavelength of the signal interacts well with the moist, turbulent areas of the troposphere, improving signals to noise ratios. This same application would apply to the "atmospheric conditions" of the human body being composed of 65% water as applied to implantable bio-sensors with specific waveguide applications.

High gain dish or billboard antennae are required for tropospheric scatter systems as the propagation looses are very high; only about one billion-billionth (1×10^{-12}) of the transmit power is available at the receiver. Typically, dish antennae with isotropic gains of between 40 decibels (dB) and 60 dB are used with transmitter powers of 1 Kilowatt (kW) to 10 kW). Integration of nano self generation batteries and ultra thin film technology would have applied development and advancement of this technology as applied to the hand held "nano satellite" as developed by the US Air Force.[2]

Tropospheric scatter is a fairly secure method of propagation as dish alignment is critical, making it extremely difficult to intercept the signals, especially if transmitted across open water (or through water as in a living body), making them highly attractive to military users. Military systems have tended to be "thin-line' tropo- so called because only a narrow bandwidth 'information" channel was carried on the tropo system; generally up to 32 analogue (4 kHz bandwidth) channels. Modern military systems are "wideband" as they operate 4-16 Mbit/s digital data channels. These digital data channels are known as advanced computer systems under nanotechnology for the asset management of data as applied to nano-CMOS and MITRI or extremely tiny particles.
The Tropospheric scatter phenomenon has been used to build both civilian and military communication links in a number of parts of the world as identified below:

- ACE High (NATO in Europe)
- BT (British Telecom) United Kingdom-Shetland to Mormond Hill
- PTT (a Spanish telecoms company) Spain-Nogueira to Artzamendi
- CNT 9Canadian telecoms company) Tsiigehtchic to Galena; Hay River- Port Radium – Lady Franklin Point
- Cuba-Florida (Guanabo to Florida City)\
- AT 7 T Corporation (Chatham, NC- Buckingham, VA – Charlottesville, VA- Leesburg, VA – Hagerstown, Md
- Texas Towers – Air defense radars
  Texas Tower 2: Georges Shoal, in 56-foot (17 m) deep water, 110 miles (180 km) east of Cape cod 41° 45'N 69° 47'w/ 41.733°N 67.783°W/ 41.733; -67.783, linked to North Truro, MA
  Texas Tower 3: Nantucket Shoals, in 80-foot (24 m) water, 100 miles (160 km) south-east of Rhode Island 40°45'N 69°19'W/ 40.75°N 69.317°W/ 40.75; -69.317, linked to Montauk AFB, Long Island, NY
  Texas Tower 4: Un-named Shoal (Unofficially: Old Shaky), in 185-foot (56 m) water, 84 miles (135 km) south-east of New York City 39°48'N 72°40'W (Destroyed, with 28 killed, during a storm on 15 January 1961), linked to Highlands, NJ mainland station.
  Texas Tower 1: Cashes Ledge (Lat. 42° 53'N, Long. 68° 57'W, 36-food depth), 100 miles east of New Hampshire, may not be build vs. under construction.
  Texas Tower 5: Brown's Bank (Lat. 42° 47'N, Long. 65° 37'W, 84 foot depth), 75 miles south of Nova Scotia, not built or under construction.
- Mid Canada Line: A series of five stations (070, 060, 415, 410) in Ontario and Quebec around the lower Hudson Bay.

- Pine tree Line, Pole Vault: A series of fourteen stations providing communications for Eastern seaboard radar stations of the US/Canadian Pine tree line, running from N-31 Frobisher Bay, Baffin Island to St. Johns, Newfoundland and Labrador.
- White Alice: A Military and Civil Communications network with seventy-one stations stretching up the Western seaboard form Port Hardy, Vancouver Island North to Barter Island (BAR) and east to Shemya, Alaska (SYA) in the Aleutian Islands.
- DEW Training: A training facility for White Alice and the DEW line tropo-scatter network, between Pecatonica, Illinois to Streator, Illinois.
- DEW Line: Several tropo-scatter networks providing communications for the extensive air-defense radar chain in the far north of Canada and the US.
- NARS: NATO Air-Defense network stretching from RAF Fylingdales, via Mormond Hill, UK, Sornfelli (Faroe Islands), Hofn, Iceland to Keflavik DYE-5, Rockville.
- ET-A, USAREUP: A US Army network from RAF Fylingdales to a network in Germany and a single station in France (Maison Fort).
- 4861, MEDCOM: A US Navy network covering the European coast of the Mediterranean Sea form San Pablo, Spain in the West to Adana AFB, Turkey in the East, with headquarters at Ringstead in Surrey, England.
- Royal Air Force: communications to British Forces Germany, running from Swingate in Kent to Lammersdorf in Germany.
- BARS: A Warsaw Pact tropo-scatter network that stretching from near Rostok in the DDR (Deutsches Demokratishes Republik), Czechoslovakia, Hungary, Poland, Belarussia USSR, Ukraine USSR, Romania and Bulgaria
- SEVER: A Soviet right network stretching right across the USSR
- India-USSR: A single section form Srinigar, Kasmir, India to Dangara, Tajikstan, USSR.
- Indian Air Force: an air-defense network covering the Northern borders of India with at least 32 stations.
- Peace ruby, Spellout, Peace Net: An air-defense network set up by the United States in Iran pre-revolution. Spellout built a radar and coms network in the north of Iran. Peace Ruby built another air-defense network in the south and Peace net integrated the two networks.
- Bahrain-UAE: A tropo-scatter system linking Al Manamah, Bahrain to Dubai, United Arab Emirates.
- RAFO- A tropo-scatter communications system providing military comms to the former SOAF- Sultan of Oman's Air Force, (now RAFO-Royal Air Force of Oman), across the Sultanate of Oman.
- RSAF: A Royal Saudi Air Force tropo-scatter network linking major airbases and population centers in Saudi Arabia.
- Yemen: A single system linking Sana's with Sa'dah
- Back Porch and IWCS: Two networks run by the United States linking military bases in Thailand and South Vietnam.
- Phil-Tai-Oki: A system linking the Philippines with Taiwan
- Japans Troposcatter Networks: two networks linking Japanese islands form North to South.

Tactical Troposcatter Communication Systems

As well as the permanent networks as detailed above in this report, there have been many tactical transportable systems produced by several countries.

Soviet/Russian Troposcatter Systems

- MNIRTI R-423-1 Brig-1/R-423-2A, Brig-2a/r-423-1KF
- MNIRTI R-444 Eshelon / R-444-7.5 Eschelon D
- MNIRTI R-420 Atlet-D
- NIRTI R-417 Baget/R-471S Baget S
- NPP Radiosvyaz R-412 A/b/F/S TORF
- MNIRTI R-4110/R-410-5.5/R-410-7.5 Atlet/ Albatros
- MNIRTI R-408/R-408M Baklan

Peoples Republic of China (PRoC), Peoples Liberation Army (PLA) Troposcatter Systems

- CETC TS-5041 Troposcatter Communication System
- CETC TS-510/GS-510 Troposcatter Communication System

Western Troposcatter System

- AN/TRC-97 Troposcatter Communication System
- AN/TRC-170 Tropospheric Scatter Microwave Radio Terminal
- AN/GRC-201 Troposcatter Communication System

The U.S. Army and U.S. Air Force use tactical tropospheric scatter systems develop by Raytheon for long haul communications. The systems come in two configurations, the original "heavy tropo", and a newer 'light tropo: configuration exists. The systems provide four multiplexed group channels and trunk encryption, and 16 or 32 local analog phone extensions. The U.S. Marine Corps also uses the same device, but an older version. Example: U.S. Army TRC-170 Tropo Scatter Microwave System.

Specific Discussion and Findings as Applicable to Mr. P[redacted]

The recent applications of applying computer science to nanotechnology has given rise to advances in software engineering, networking, internet security, image processing, virtual reality, human-machine interface, artificial intelligence, intelligent systems, and/or bio-sensory telemetry as applied to the human body. Most of this type of work focuses on the development of research tools. For example, computer graphics and image processing have been used in nano manipulators that provide researchers and interactive system interface to scanning-robe microscopes, which allow us to investigate and manipulate the surface at atomic scales. In addition, genetic algorithms have been used as a method in automatic system design for molecular nanotechnology.

Mr. P[redacted] has been given an up-dated outline of specific biological monitoring tests to be performed at some near future date. The results will assist the author of this report in determining any specific nano drug delivery systems and or other payload specific systems that may be utilized in creating the symptoms and other applications as related to Mr. P[redacted] previous tests and nano sensor architecture with circuit design.

If Mr. P[redacted] experienced any virtual retinal display and loss of time, but did not state this in Ms. Melinda Kidder's report, one should specifically address virtual retinal display as associated with "Quantum Teleportation" aspects. This specific type of application utilizes bionic contact lens and currently micro nano system implants that use a wireless antenna with a single-pixel display as applied to polymer applications of polythiophene DNA Mitri chip(s) transmitter.

It is important to look at the specific wave guide signals that were observed and discussed below, due to their nano development and their interfacing with specific UHF to SHF frequencies. The higher the frequency as it approaches a terahertz level will need a specific amplifying materials (example diamond microspheres (Argyle® diamond dust) (wave guide 0.09) to develop a specific microwave circuit's ceramic. The cross over and integration of localized wave guides, i.e. a single emitting and/or receiving source vs. sectional differentiation within a body is to be considered. In Mr. P[redacted] case the wave guides were specifically single sources, thus a new type as compared to previously measured individuals where a "hula hoop or looping effect" would occur when measuring the frequency. This also allows for the use of specific chip designs such as the MITRI – Extremely Tiny Ultra Thin Film technology. The MITRI system utilizes poly thiophene photonic polymers, too.

It should, also be noted that a new 0.031 wave guide has been developed for the human computer interaction for blending the real and the digital worlds. This uses a Digital Wave Guide torch (DWT)^{TM} or Infrared Optical Waveguide. The use of voice-production systems, 2D digital waveguide mesh have been developed by Princeton University, White Rose Research and Stanford University for the specific applications of human-computer acoustical modeling using digital wave guides. Mr. P[redacted] had a 0.03 wave guide vs. a 0.031 wave guide. It is believed that Mr. P[redacted] may have the digital wave guide, since the equipment used to measure him is in the two digit range below the zero.

Mr. P[redacted] had 0.02, 0.03, and 0.04 wave guides present. The Monte Carlo- continuous wave total absorbed calcium with pyruvate carbon flux shuttle carboxylic 9TCA) biomolecular sensing system utilizing a nano drug/chemical delivery system of cantilever with cell based sensors utilizes oxygen for the polythiophene transistor electronic Nos. oxygen sensor, especially with a 0.05u wave guide included with the others. Mr. P[redacted] Has symptoms of loss of breath, but no oxygen saturation date was ever stated. This may be a test he should have performed by his local physician or with a home hand held unit to monitor his body over time.

The Haritec system utilizes 0.04, 0.03 and 0.02 with UV absorbing species for sulfur and gold in the "thiol-DNA chip" as designed by Jang/Janhui US Patent 303087). This system is a colorimeteric method for point mutation data collection for a wild type target. The wave guides utilized are 0.02, 0.03, 0.04, 0.05, 0.06, 0.07, 0.08 and 0.09. Remember that 0.09 utilizes diamond dust (Argyle®) for terahertz transmissions. Additional work by UFDC on Engineering Kinesin Motor Proteins (to make a nano device, machine and/or tool) will utilize streptavidin-specific sensor with alkane-thiols on gold nano wires/rods. A fluorescent Ca+2 sensor for "bio-matter" utilizes a 0.04 wave guide. Mr. P[redacted] had a 0.04u wave guide with distinct strong green pupil and iris purple under UV light.

Herbivore induced applications of acetylserine thio layer utilizes a 0.03 waveguide that converts the carboxyl side of the tyrosine (Tyr) and methionine (metabolite) to hydrogen peroxide, calpain activity will not be difficult between the **quadriceps pellet** for control and interaction with nerve channels in a Rhodamineal Bio-Calcium Sensor. Mr. P[redacted] did have a waveguide of 0.03 in his patella (right) and at the right trapezious. Since he did not have this waveguide in the quadriceps he may have an older version, but still active for commercialization with the presence of related metabolic compounds.

The specific presence of the thiols in Mr. P[redacted] February 2010 testing, there is a very strong association with the monitoring of calcium channels as associated with epilepsy and stomach disorders via the gut to brain interaction. The UV color reaction is confirmation of this finding.

The use of 0.03 waveguides in the human arm have been utilized for the polarization sense in human vision in splitting the waveguide from 0.03 to 0.035 for biomarkers of Mycobacterium tuberculosis, clones expressing Simian virus and KLF6 gene expression. It should be noted that the use of optical waveguides and fibers only need the warmth of the hand to change the phase difference between the interfering sources. And the Ku Band receiving waveguide with couplers and adaptors utilize microwave transmission with a 0.03 waveguide. Mr. P[redacted] was positive in 2010 for KD-39 and KD-41 (Bubonic Plague).

The Label-Free Optical Biosensor for probing receptor biology applications in biochemical and cell based assays has been developed by Corning, Inc. and is known as the Waveguide Grating (RWG) Biosensor. This type of sensor monitors specific cell membranes and/or organelles.

Wave guide 0.03 was detected in Mr. P[redacted] knees and other areas of her body. Use of copper waveguide with a microwave application of monolithically integrated long-wavelength balanced tripod (3 channels) that include the 0.04, 0.03 and 0.02 (or 0.06 and 0.05u) are indicative of flexible, hexagonal (crystals/thinfilms) that are paramagnetic and consisting of the TeIO wave guide that is coated in gold at micron sized waves with rectangular cross sections. It may have a microwave and optical wave guideline, hollow wave guide, rectangular, electromagnetic, propagating modes and may have a quadruple groove (in the chip design). The TeIo will be a nonlinear cosine while the microwave signal will be coplanar as utilized by NASA with titanium diffused in $LiNbO_3$ (Nd = neodymium # 60 silver metal talcum).

These joint materials are use to create a "nano squid" that is of highly sensitivity diamonded magnetometer, while a "micro squid" magnetometer reacts to magnetic particles. The integration of nanosensors for health and environmental monitoring using the Niobium dc squid is used with nano particles and create superconductivity in rings. Thin disks of diamond dust, densely filled MEMS at pi3 will yield zirconium – niobium – molybdenium residues that are used in nano sensors, which become blue in color when oxidized. And become a super conductor with tin and titanium. And while tantalum will react to create a cube shape – or cage.

A SQUID is a super conducting quantum interference device (very sensitive magnetometer) used in extremely subtle magnetic fields, based on super conducting loops containing Josephson junctions. There are several types that exist: 1) Direct current (DC) and 2) radio frequency.

The use of label-free biosensor platforms, Resonance Waveoscatguide Grating (RWG) and Surface Plasmon Resonance (SPR) is best illustrated by Dongmai Hu, et.al. in the article, "Comparison of Surface Plasmon Resonance, Resonant Waveguide Grating Bio-sensing and Enzyme Linked Immunosorbent Assay (Elisa) in the Evaluation of Dengue Virus Immunoassay in Biosensors 2013, 3, 297-311 (ISSN 2079-6374) www.mdpi.com/journal/biosensors/), which identifies the sue of antibodies and specific compounds as used in an activate 384 well. It must be noted that in the interface of experimenting on a human without their consent and knowledge the advancements in applied military and pharmaceutical commercial venues have now developed this technology on a single micro bead used in bio-scaffolding platforms and liquid viral crystal applications in various thin film applications for nano delivery systems. The platform systems are used for In Vivo monitoring through the applications of an implantable telemetry system as developed by P, Valdastri in 2004 at Vanderbilt University (https://my.vanderbilt.edu/.../IEEE_TITB-Valdastri.

The utilization of FRET biosensors to monitor furin has a sliding front, known as a bubble front with semiconductor nanowhiskers. The whiskers may be made of strontium tungstate nanocrystals in two different morphologies in a poly vinyl alcohol, which will stimulate glutathione peroxidase from the base of the skull. Mr. P[redacted] did have wave guides measurements at the base of his skull and occipital bone of the skull.

Conclusion

In summary, it can be stated that Mr. K[redacted] P[redacted] is receiving primarily mobile-satellite signals that are from a troposcatteric system. These signals are transmitted over long distances.

The biosensor technology does not generate a microwave signal, but is made of specific waveguides that are stimulated by microwaves. The media that it is made out of will receive microwave (radar) transmissions or other similar frequency.

The areas diagramed and shown by the image found in Ms. Kidder's report illustrate the areas of the single wave guide (spheres or spheroids) as associated with the bio-sensory technology described in this report can be stimulated to induce specific physiological and neuromuscular functions, while over stimulation in specific areas can cause bruising and bleeding within the area of Mr. P[redacted] body.

The first paper on optical tuning using optical photonics was in 2008 by Andrie v. Tsarav, et. al. at the Institute of Semiconductor Physics, Siberian Branch Academy of Sciences, Russia. This particular technology is composed of compact wavelength-tunable optical add-drop multiplexer in dense wavelength-division multiplexing systems utilizing nano-CMOS

technology and Advanced Computer Software Systems. The technologies stated in these areas of interest would utilize a SCADA (Supervisory Control and Data Acquisition) system for retrieving the data, monitoring the source and locating the location of change. In Mr. P[redacted] case the change would be his physiological, temperature, bodily functions and the applied inducement or a disease or its correction, as applied to specific race and chemical exposures. Mr. P[redacted] feels cold, as in the feeling of "ice", which may be the result of the coatings application to polymer ice (xerogel).

In summation, Mr. P[redacted] is exposed to nano-CMOS systems (at a copper base with other metal oxides that are known to cause hair loss) that utilize a software interface with satellite and mobile transmissions form at minimum 1 to 2 overlapping or separate locations as previously identified in this report as multi-channels and vector points. The technology utilized with silicon glass as developed by Dow and IBM may utilize the nano radio, which will generate a voice to skull transmission. The original patents for this technology were awarded to Eastman Kodak in 2007, and then licensed to other companies through trustees of their bankruptcy court proceedings. It is determined that Mr. P[redacted] has other types of biosensor designed systems within his body, due to the various wave guides that are associated with specific types of nanotechnology.

Specific toxicogenomic gene testing has been outlined for Mr. P[redacted] that utilizes the FOX P2 and FOX m1 (brain washing gene for epigenics) along with his previous biological monitoring tests results and new tests.

If you should have any further questions or concerns, please feel free to contact me at the following phone number 323-466-2599 for any further actions.

Signature: _____ Date: March 16, 2014

Dr. Hildegarde Staninger, RIET/CIET-1
Industrial Toxicologist/IH and Doctor of Integrative Medicine
& Chairperson, Special Task Force Committee on SCADA, National Registry of Environmental Professionals (NREP)

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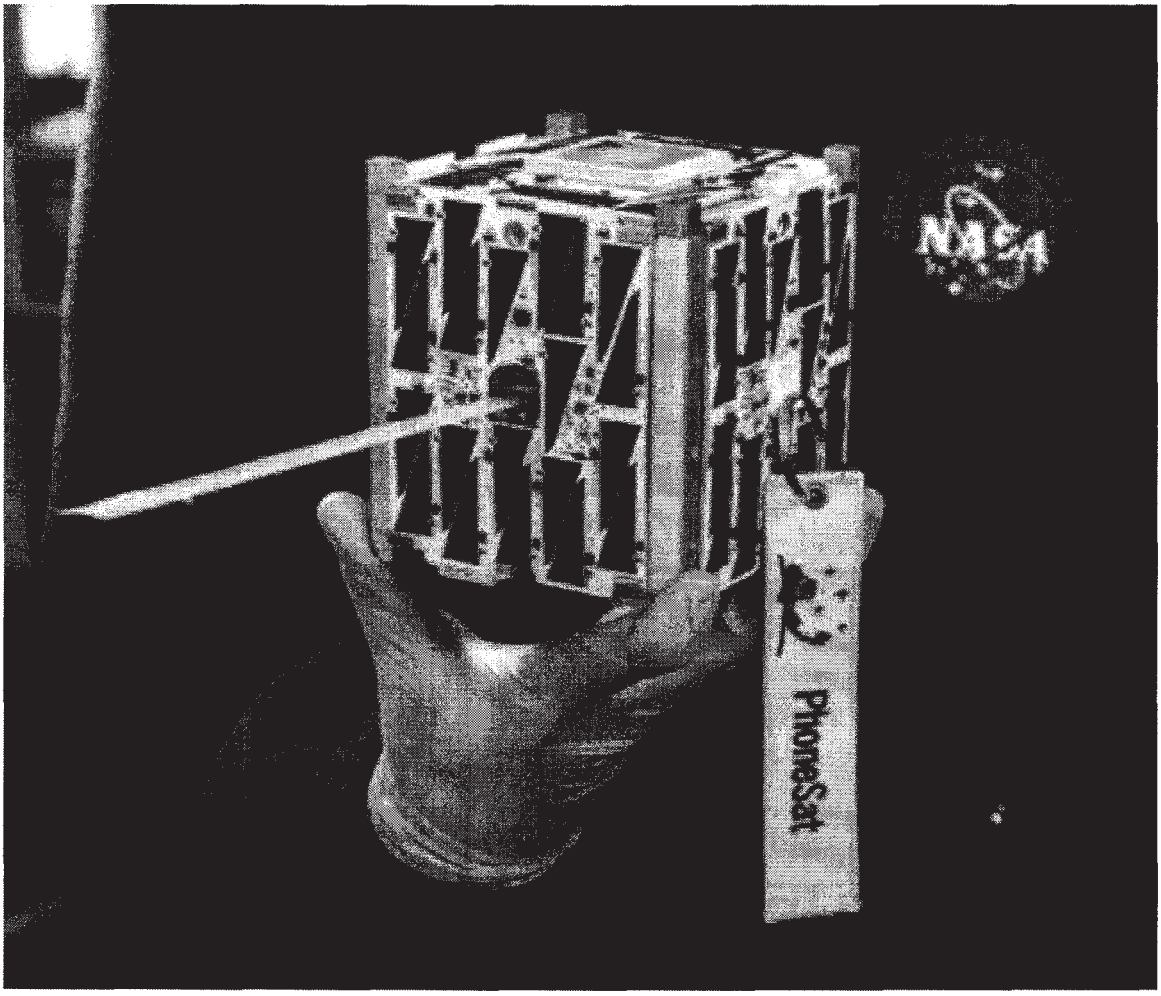
ATTACHEMENT I: Hitchhiking Satellites

Hitchhiking Satellite That Is Small Enough To Fit In Your Hand | MyScienceAcademy
http://myscienceacademy.org/2013/11/24/hitchhiking-satellite-that-is-small-enough-to-fit-in-your-hand/
See article below

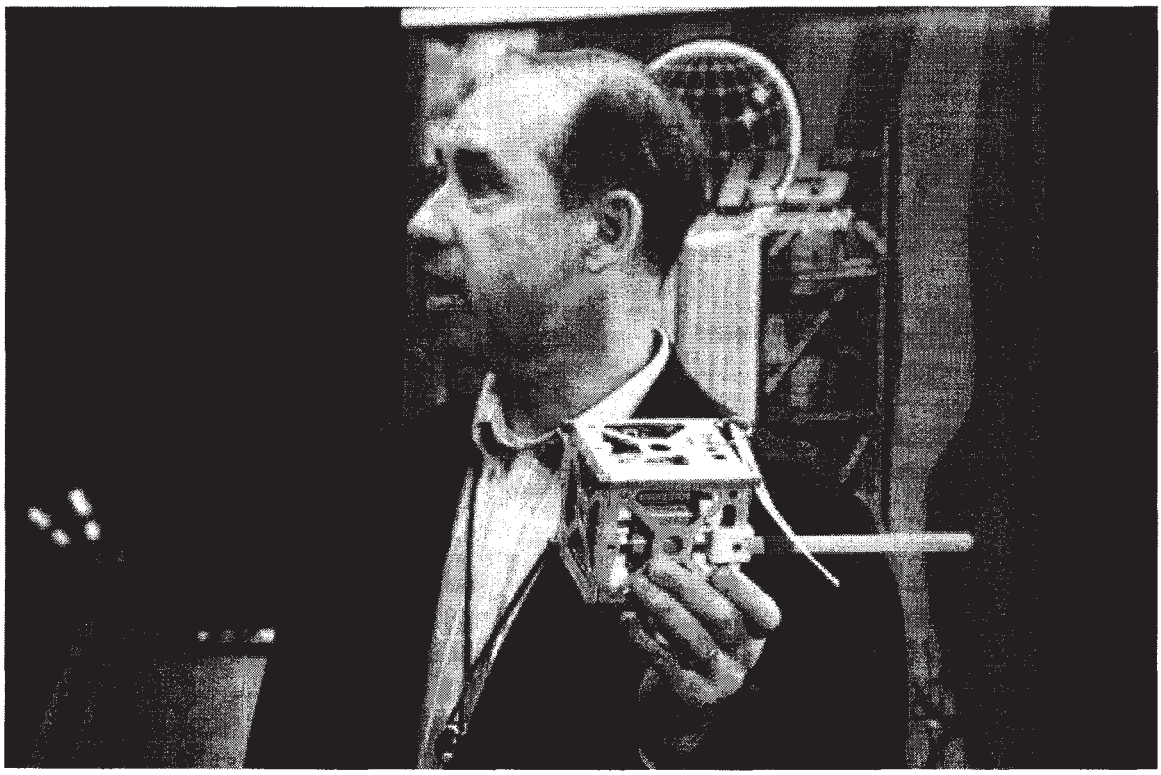


"PhoneSat", which is intended to show how ordinary consumer devices can explore space. Credit: NASA Ames Research Center/Dominic Hart

Talk about tiny technology. The NASA PhoneSat 2.4, which is set to launch today (Nov. 19), is so small that the satellite can easy fit in just one of your hands. The agency is quite excited about this second in the series of PhoneSat launches; the first, in April, saw three "smartphone satellites" working in orbit for a week.

PhoneSat is scheduled to launch as a hitchhiker aboard a rocket that will carry the U.S. Air Force Office of Responsive Space ORS-3 mission. The payloads will lift off from the Mid Atlantic Regional Spaceport at NASA's Wallops Flight Facility in Virginia.

"It's tabletop technology," stated Andrew Petro, program executive for small spacecraft technology at NASA Headquarters in Washington.



Andrew Petro, NASA Small Satellite Program executive, holds NASA Smartphone Phonesat replica launched on Antares test flight on April 21, 2013. Credit: Ken Kremer (kenkremer.com)

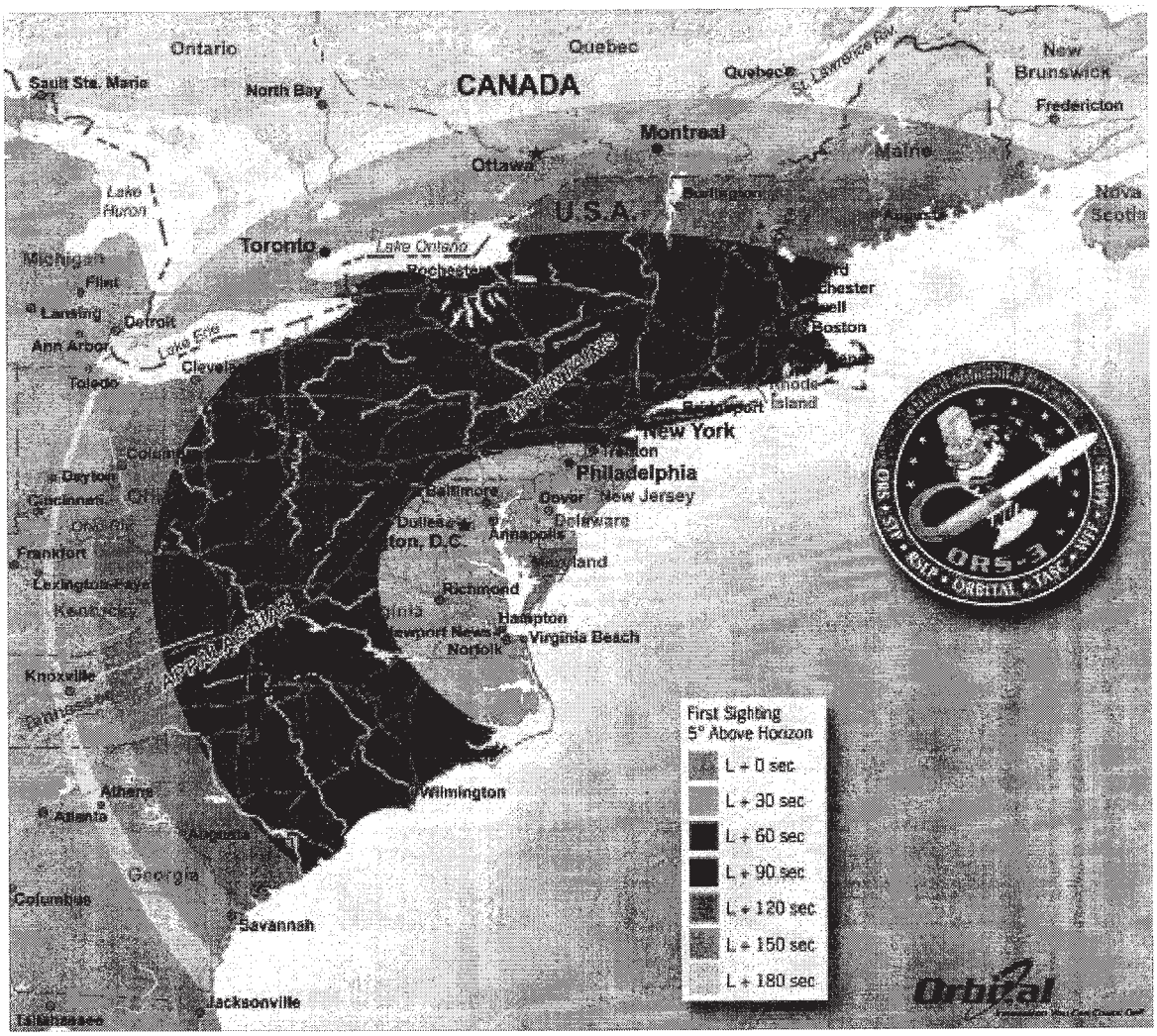
"The size of a PhoneSat makes a big difference. You don't need a building, just a room. Everything you need to do becomes easier and more portable. The scale of things just makes everything, in many ways, easier. It really unleashes a lot of opportunity for innovation."

PhoneSat will be at a higher altitude than its predecessors, NASA added, allowing controllers to gather information on the radiation environment to see how well vital electronics would be affected. In the long run, the agency hopes these tiny machines can be used for Earth science or communications, among other things.

"For example, work is already underway on the Edison Demonstration of Smallsat Networks (EDSN) mission," NASA stated. "The EDSN effort consists of a loose formation of eight identical cubesats in orbit, each able to cross-link communicate with each other to perform space weather monitoring duties."

The launch is expected at 7:30 pm EST (12:30 a.m. UTC) and you can follow it on NASA TV.

If you live along the US and Canada east coast, you may be able to see the launch if the skies are clear. The map below shows where it might be visible. See the Orbital Sciences Corp. website for more info.



A map showing where the launch will be on the East Coast on Nov. 19, 2013. Credit: Orbital Sciences

RECEIVED 3/7/2014

Columbia Investigations
The Investigators with Integrity

March 7, 2014

The following investigation was conducted by Missouri State Licensed Private Investigator, National Registry of Environmental Professionals Certified Environmental Safety Compliance Officer and NREP SCADA Committee Member Melinda Kidder, of Columbia Investigations in Columbia, Missouri, United States:

INTRODUCTION

I was contacted in early 2014 by K[redacted] P[redacted] (hereafter referred to as "P[redacted]") in regard to performing scans to test for presence of RFID chips, nanomaterials or similar technology implanted in his body without his consent. After further communication we scheduled the date of Wednesday, March 5, 2014 and met with P[redacted], who reported traveling to Columbia by vehicle with his associates.

DATE OF TEST

The location was rural, far removed from the city, with no concern for signal disturbances.

Upon our arrival, all personal electronics, such as cell phones, were shut off, batteries removed and these items were separated from the scan area.

All scanning equipment was tested prior to use with P[redacted] to confirm proper function and all equipment tested positive to proceed with the scans as scheduled.

P[redacted] was interviewed and stated that he is a survivor of electronic harassment and gang-stalking. P[redacted] is the beneficiary of a special needs trust from which he is being kept. If P[redacted] does not receive the trust and is proven incompetent, the trust goes to a relative. P[redacted], aged 56, presented as an intelligent man, appropriate in demeanor for the situation. Presently, he is unable to work due to these problems, and experiences a variety of symptoms which he states are a result of electronic harassment including, but not limited to: unexplained burns on the body; feelings of being frozen or feverish; exhaustion; nausea; dizziness; heart palpitations; chest pain; loss of consciousness; glaucoma; nerve damage to the left eye; edema in eyes; microwave and pulsating in feet up into lower extremities; blisters in mouth; lock jaw; boils in mouth; swelling in throat; migraines; slurred speech; exhaustion; loss of bowel control; sleep deprivation; visual disturbances, etc.

Overall, applying micro and macro expression evaluation and REID interviewing techniques, P[redacted] believes what he stated to be true and there was no reason to doubt the veracity of his claims.

EQUIPMENT

The equipment used during this testing/scanning is the following:

Method Standard One: ELF/EMF Field Meter

- **Measures electromagnetic field radiation**
- **LCD Display of EMF level in milliGauss or microTesla**
- **Provides accurate measurements to 4% over a measuring range of 0.1 to 199.1 mGauss (0.01 to 19.99μTesla)**
- **ELF Frequency bandwidth of 30 to 300 Hz**
- **Single axis – sampling 2.5 times per second**

Method Standard Two: RF Frequency Detector with Bargraph

- **Frequency range of 1MHz-3GHz**
- **Sensitivity: Less than 5 mV**
- **Microprocessor filtration circuitry allowing squelch adjustment to diminish RF noise**
- **High sensitivity LCD bar graph**
- **Used both with and without "rubber duck" antenna during this testing**

Method Standard Three: GPS/RF/Microwave Transmitter Detector

- **Frequency range of 1MHz-9GHz**
- **GPS Detection**
- **Infinity Detection**
- **Analog and Digital**
- **Microwave Detection**

Method Standard Four:

- **UV Light, 385 nm & 400 nm**

Method Standard Five: Night Vision Scope

- **Image capture capability**
- **Infrared intelligence**

Method Standard Six: Metal Detector

- **Operating Temperatures -35° F (-37° C) to 158° F (70° C)**
- **Operating Frequency: 95 kHz**
- **Tuning: Automatic**
- **Scan Area: 3.5" and 360° plus tip**
- **Ultra-sensitive response to metal objects up to 4" depth**
- **Accurate detection of all ferrous, non-ferrous and stainless steel objects**

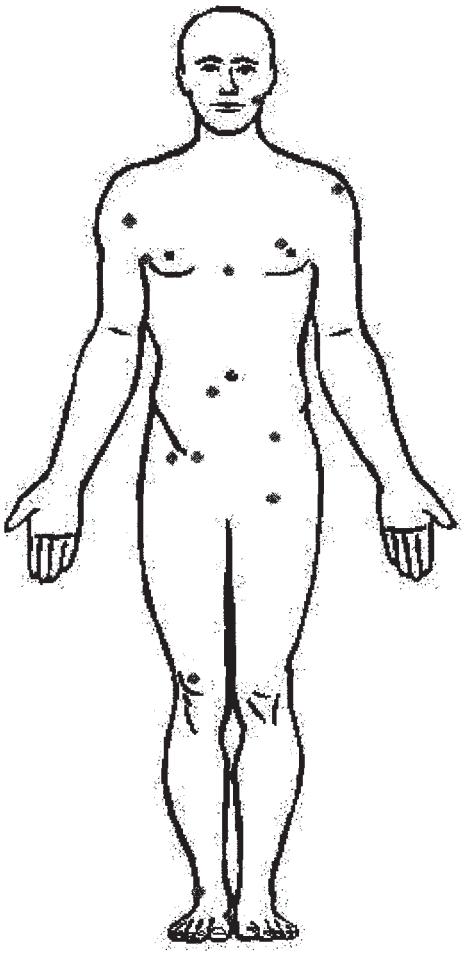
MINOR NOTATIONS

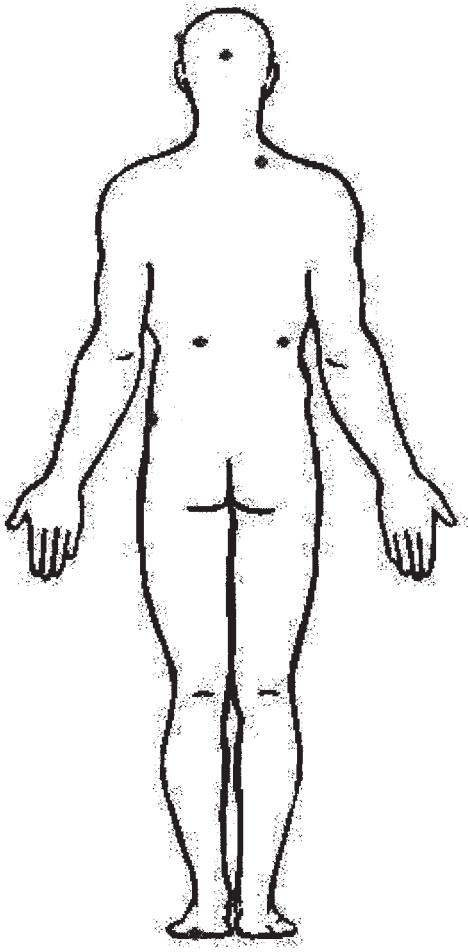
Scans were conducted repeatedly, at intervals, over a period of approximately two hours in order to allow for intermittent signals either being transmitted or received if any devices were present in P[redacted]'s body. Equipment was tested throughout the appointment to ensure proper function. Scans were conducted over the entirety of P[redacted]'s body and with special focus on points of concern to him. Any observations of note as written below were witnessed by at least two or more persons present.

P[redacted]'s person was voluntarily searched or observed for any personal property containing electronic devices and none were found. He emptied his pockets of all personal property and removed extraneous jewelry and footwear.

SCAN OBSERVATIONS OF NOTE

Using Method Standard One, with P[redacted] lying prone, the ELF/EMF Scan readings varied. The standard for the room was 0.00-0.01µ. Testing on a microwave in a separate room showed 0.95 µ. With equipment showing readings within normal limits, testing proceeded. Normal for P[redacted] was 0.00-0.01µ except at the following locations: 0.02µ at the Ⓛ zygomatic bone; 0.02µ at the Ⓛ deltoid near the acromion; 0.04µ at the Ⓡ deltoid; 0.04µ at the Ⓡ pectoralis major; 0.02µ at the Ⓛ pectoralis major; 0.02µ at the xiphoid process; 0.02µ at the umbilical region; 0.02µ at the Ⓛ iliac region; 0.02µ two points in the Ⓡ iliac region; 0.02µ at the Ⓛ iliopsoas; 0.03µ at the Ⓡ patella; 0.02µ at the Ⓡ lateral malleolus; 0.02µ at the first metatarsal of the Ⓡ foot; 0.04µ at the Ⓛ coronal suture at the superior temporal line; 0.02µ centered at the lambdoid suture at the occipital bone of the skull; 0.03µ at the Ⓡ trapezious; 0.02µ bilaterally at approximately the kidneys; 0.02µ at the Ⓛ iliac crest; : 0.02µ at the Ⓛ calcaneus. An image reflecting these points is shown on the following page:





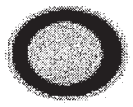
Using Method Standard Two, The RF Signals scan for P[redacted] initially showed 2681.257MHz at the 2.86GHz switch range. There was no specific point of the body being scanned. Further testing showed the following signals: 2679.767MHz, 2678.456MHz, 2671.583MHz, 2677.358MHz. Holding the unit at certain points of the body did not seem to impact a change in the signal. It should be noted that these signals were ambient at the time of the scan and were not coming FROM P[redacted].

An RF/GPS/Microwave test was performed using Method Standard Three and no signals were detected.

Using Method Standard Four, UV light showed a scar on P[redacted]'s tongue approximately one inch in length on the right lateral edge. P[redacted] stated this was from a known biopsy.

Columbia Investigations
601 W Worstell Ln, Columbia Mo 65202
Tel: 573.673.2485 Fax: 888.673.2485 Email: columbiasleuth@aol.com

Under UV lighting P[redacted]'s naturally hazel eyes reflected a bright, strong green hue at the pupil and purple at the edge of the iris.



Using Method Standard Five, there was nothing of note.

A scan for ferrous and non-ferrous materials was performed of P[redacted]'s entire body using Method Standard Six. No alerts were detected.

CONCLUSIONS AND RECOMMENDATIONS

Based on the evaluations, the points of concern for P[redacted]'s scans are her ELF/EMF readings were fluctuating over specific points of his body.

If P[redacted] chooses to undergo further testing, I would recommend these locations, frequencies and issues as focal points based on the observations contained within this report.

The above statements are true and accurate to the best of my recollection.

Melinda Kidder
Owner/Lead Investigator
Columbia Investigations
MO PI License: 201014159
NREP CESCO Certificate 455495671