



Integrative Health Systems®, LLC

"ONE CELL ONE LIGHT®"

Ms. Bonnie Kellerby

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FCC EQUIPMNET LICENSE REPORT Frequency: 2450 MHz and other Frequencies Being Received

INTRODUCTION

The licenses associated with the frequencies 2450 to 2483.5 signal range. This category of radio service utilizes MW – Microwave Public Safety Pool and under specific licenses may have as many as 5 channels.

The primary use of the licenses registered with the FCC for frequency 2450 MHz is in the TV pick up/relay/link category. They are news stations and other forms of media transmitting entities that would assist or be part of public safety. Several of the licenses in public safety are also connected to police departments and a few in IG category.

The search revealed New York State Police having a license in 2450 for video. In addition, Atlanta Police Department has the same 2450 license for video that has the licensee as the Department of Aviation. All of the licenses for 2450 are in the Public Safety category are police departments (i.e. Fusion Centers). Georgia Tech has an expired licenses in the frequency range of 2450 MHz. There is one license for CP Communications in the IG category. The license is nationwide, control point New York. The other signals can do a frequency hopping situation to allow them to go nationwide, too. Previously the control point was Pennsylvania then later moved to New York, where it is currently located. Its license is valid through the year 2024.

Northrup Grumman has a current experimental license for 2450 valid through November 2019. It is for the San Diego, California area. The experimental license for Raytheon in 2450 is valid through August 2018.

Attached to this report you will find a recent newspaper article written in the New York Times dated May 10, 2018. It discusses the company Securus. Securus is a company that gave themselves a new name "The Satellite Tracking of People Company" and is contracted with the California Department of Corrections and Rehabilitation. Securus is the only company listed in a John Hopkins report about truth verification. Example: penile or

vaginal implants to be used on sex offenders by the Department of Justice/Corrections and Rehabilitation.

The Federal Communications Commission, Office of Engineering and Technology Policy and Rules Division, FCC Online Table of Frequency Allocations 47 C.F.R. Statute 2.106 Revised on April 6, 2018 contains the specific use of the frequencies stated in this report.

DISCUSSION OF RESULTS

The following licenses are attached to this report and were utilized to determine the point of control for the frequencies that were associated with our clients, whole body area network system (WBAN). The licenses are used to monitor health and safety through a public safety pool network system. This includes radio, TV, satellite, cloud radio and other forms of media transmitting devices.

Frequency 2450 to 2483.5 MHz

- WPRH441 Atlanta, City Of (Public Safety Pool, Conventional License)
90.20 – Law Enforcement Surveillance, video imaging transmission in frequency band form 2450 MHz to 2483.5 MHz for the purpose of drug interdiction and prevention of other criminal activity. (Common carrier interconnected.)
- WPRH441 Atlanta, City of (Public Safety Pool, Conventional License)
City of Atlanta Department of Aviation. 90.20 – Law Enforcement Surveillance, video imaging transmission in frequency band form 2450 MHz to 2483.5 MHz for the purpose of drug interdiction and prevention of other criminal activity. (Common carrier interconnected.)
- WPQS730 State of New York, Division of State Police (Microwave Public Safety Pool License). Rules 101.109 ©, 101.147 (f, 101.115 and 101.139 (a) Relieve authorized by action of 9/22/00 to permit use of 16.5 MHz emission bandwidth and omni directional antennas for video system in 2450 – 2483.5 MHz band. Temporary fixed use only. Operations closer than 35 miles to the Canadian border are not permitted.

Public Interest Statement: The licensee has moved its operation from Pennsylvania to New York and has formed a new limited liability company, which is authorized to operate in the State of New York and now wishes to assign the licenses to the limited liability company. All entities are wholly owned by Red House Holdings, Inc. and ownership of Red House Holdings, Inc. is not being changed in connection with this transaction. Accordingly, it is in the public interest for the licensee to assign its licenses to the New York limited liability company, CP Communications, LLC.

- KD47240 CP Communications, LLC – operating nationwide including Hawaii, Alaska and US Territories. Category: IG – Industrial Business Pool, Conventional. License has a waiver/conditions attached to it, which states the following:

“Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name. License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

- KD47240 CP Communications –Operating nationwide including Hawaii, Alaska and US Territories. Category: IG – Industrial business Pool, Conventional (same as KD47240 license).
- WI2XMM (0550-EX-PL-2016) Experimental License. Class of Station XD FX Name: Raytheon IIS Location: Marana (PIMA), AZ Expires August 1, 2018 Frequency 2400 – 2450 MHz and 902 – 928 MHz ranges.
- KA2XAJ Experimental License. Class of Station XC FX Name: Georgia Tech Research Institute Location: Marietta (Cobb), GA. Includes multiple frequency allocations: 500-608 MHz; 614-960 MHz; 1215-1400 MHz; 1427-1435 MHz; 1710-2690 MHz; 1850-2690 MHz; 2700-2780 MHz; 2890-3700 MHz; 440-4990 MHz; 5250-5600 MHz, 5650-5925 MHz; 6425-9000 MHz; 10700-12400 MHz (1.07 – 1.24 GHz); 12400-15350 MHz; 15400-18600 MHz; 18800-23600 MHz; 24050-31300 MHz; 47200-50200 MHz; 50400-51410 MHz; 54250-38200 MHz; 59000-64000 MHz; 65000-75500 MHz; 76000-86000 MHz and 92000-95000 MHz. Special Conditions: See attached license. “This authorization is issued for the express purpose of conducting experimental conducting described in the related application and required by USAF contract no. F08635-C-01612. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- The frequency assignments in 1215-1400 MHz and 2700-2780 MHz were coordinated prior to authorization with FAA Headquarters, 800 Independence Ave, S.W., Washington, DC 20591 Telephone: 202-267-8699.
- Mobile – WC2XYF Georgia Institute of Technology Experimental XT MO Frequency Range 2405-2478 MHz. See license for specific frequencies. This entity links to other universities under a collaborative research agreement.

NO HIT Frequencies for Universal License, but listed on FCC Equipment Searches.

2431 (for 2431.285 MHz (no hit))

Equipment that uses this signal are only the top 10 out of 105256 entities.

- Data General Corporation.
- International Business Machines Corporation (IBM).
- Futaba Corporation.

- Interlink Communications Inc.
- Apple, Inc.
- Spacelabs Healthcare, Inc.
- Broadcast Microwave Services Inc.
- GRE America Inc.
- GE MDS, LLC. (This company is specific for medical implants and equipment.)

2466 (2446.285 MHz (no hit))

- Data General Corporation.
- International Business Machines Corporation.
- Internaitonal Business Machines Corporation.
- Futaba Corporation.
- Interlink Communicaitons Inc.
- Apple Inc.
- Spacelabs Healthcare, Inc.
- Broadcast Microwave Services, Inc.
- GRE American Inc.
- GE MDS LLC.

Other Frequencies

- 2464 (2464.186 MHz) matches above 2 signal companies listed.
- 2469 (2469.847 MHz) matches above 2 signal companies listed.
- 2471 (2471.616 MHz) matches above 2 signal companies listed except "No" GE MDS, LLC but has Intermec Technologies Corporation.

2476 (2476.480 MHz)

- Data General Corporation.
- International Business Machines Corporation.
- International Business Machines Corporation.
- Interlink Communications, Inc.
- Apple, Inc.
- Spacelabs Healthcare, Inc.
- Broadcast Microwave Services Inc.
- GRE American Inc.
- Intermec Technologies Corporation.
- Intermec Technologies Corporation.

2538 (2538.921 MHz)

- Thomason Broadcast & Multimedia, Inc.
- Cobra Electronics Corporation.
- Cobra Electronics Corporation.
- EMCEE Broadcast Products.
- EMCEE Broadcast Products.
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The use of "RigNet SatCom, Inc." through primary US Army military satellite systems will utilize terahertz, cloud network and virtual network operations. The link to these systems would be through Cobra Eye at MIT and other connecting systems for radio frequency, microwave and laser multiplexing systems. This is contained in PUBLIC NOTICER FCC Report No. SES-01617, Wednesday January 29, 2014 – Satellite Communications Services Information re: Actions Taken.

CONCLUSION

The categories for this frequency are for specific experimental and research in specific areas of interest as well as being utilized for public safety for Law Enforcement. The only way these frequencies would affect our client is through a WBAN system that is connected to their body. If the client has pets, the pets may have a sensory network to integrate into the owners and the licensed entities. The industrial applications, since they include higher frequencies under their licenses, such as Raytheon's may have its applications to D-Wave and/or Singularity Computers for gathering meta data. The meta data is now known as Big Data and Dark Storage chips that utilize clock systems as well as the other factors.

I thank you for your time and consideration in this matter that is in the regulatory category of an imminent danger to life, safety of others and health. If you should have any additional concerns or questions, please do not hesitate to contact Integrative Health Systems®, LLC directly. Our direct phone number at Integrative Health Systems®, LLC is phone: 323-466-2599 or fax: 323-466-2774.

INTEGRATIVE HEALTH SYSTEMS®, LLC

Signature:  Date: 
 Dr. Hildegard Staninger®, RIET-1
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Member: American Society of Cellular and Computational Toxicology, National Registry of Environmental Professionals, World Safety Organization, American College of Toxicology, American Chemical Association and former President of the Florida Chapter of the American Industrial Hygiene Association (1984-85)/AIHA, Energy Medicine Professional Organization and member of the WHO- Committee on Children's Exposure to EMF and Non-Ionized Radiation for Increased Risk to Cancer.

Dr. Hildegard Staninger, RIET-1 is a graduate of the OSHA/NIOSH Institute and author of the Comprehensive Handbook of Hazardous Materials: Regulations, Monitoring, Handling

and Safety. Lewis/CRC Press, Boca Raton, FL © 1992. NOTE: This text is part of the official reference texts for the General Industry Standard under OSHA: 1910.1200 Hazard Communication Standard (Revised) under former last name Sacarello.

Other Chemistry, Toxicology, Engineering and Science Text Books authored by Dr. Hildegard Staninger, RIET-1: H-SCADA BioEnergy Field Professional Study Guide for Examination and Certification, Xulon Press, Inc., Maitland, FL © 2015 and Global Brain Chip and Mesogens, Xulon Press, Inc., Maitland, FL © 2016.