Company: Radwin Ltd.

Test of: AP0127730, AP0134760

To: DFS Requirements of FCC CFR 47 Part 15.407 &
IC RSS-247

Report No.: RDWN40-U5 Rev A

DFS TEST REPORT

DFS TEST REPORT

FROM

Test of: Radwin AP0127730, AP0134760

to

To: DFS Requirements of FCC CFR 47 Part 15.407 &
IC RSS-247

Test Report Serial No.: RDWN40-U5 Rev A

This report supersedes: NONE

Applicant:	Radwin 27 Habarzel Street Tel Aviv, 69710 Israel
Product Function:	5 GHz 2x2 MIMO RF Module
Issue Date:	23rd March 2016

This Test Report is Issued Under the Authority of:

MiCOM Labs, Inc.
575 Boulder Court
Pleasanton California 94566
USA
Phone: +1 (925) 462-0304
Fax: +1 (925) 462-0306
www.micomlabs.com

ACCREDITED
TESTING CERT #2381.01

MiCOM Labs is an ISO 17025 Accredited Testing Laboratory

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1. ACCREDITATION, LISTINGS & RECOGNITION

1.1. Test Accreditation

MiCOM Labs, Inc. is an accredited Electrical testing laboratory per the international standard ISO/IEC 17025:2005. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.01. MiCOM Labs test schedule is available at the following URL; http://www.a2la.org/scopepdf/2381-01.pdf

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for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 4th day of February 2016.

Senior Director of Quality & Communications
For the Accreditation Council
Certificate Number 2381.01
Valid to November 30, 2017

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

1.2. Recognition

MiCOM Labs, Inc has widely recognized wireless testing capabilities. Our international recognition includes Conformity Assessment Body designation by APEC MRA countries. MiCOM Labs test reports are accepted globally.

Country	Recognition Body	Status	Phase	Identification No.
USA	Federal Communications Commission (FCC)	TCB	-	US0159 Listing #: 102167
Canada	Industry Canada (IC)	FCB	APEC MRA 2	US0159 Listing #: 4143A-2 4143A-3
Japan	MIC (Ministry of Internal Affairs and Communication)	CAB	APEC MRA 2	RCB 210
	VCCI	--	--	A-0012
Europe	European Commission	NB	EU MRA	NB 2280
Australia	Australian Communications and Media Authority (ACMA)	CAB	APEC MRA 1	US0159
Hong Kong	Office of the Telecommunication Authority (OFTA)	CAB	APEC MRA 1	
Korea	Ministry of Information and Communication Radio Research Laboratory (RRL)	CAB	APEC MRA 1	
Singapore	Infocomm Development Authority (IDA)	CAB	APEC MRA 1	
Taiwan	National Communications Commission (NCC) Bureau of Standards, Metrology and Inspection (BSMI)	CAB	APEC MRA 1	
Vietnam	Ministry of Communication (MIC)	CAB	APEC MRA 1	

EU MRA – European Union Mutual Recognition Agreement.
NB – Notified Body
APEC MRA – Asia Pacific Economic Community Mutual Recognition Agreement. Recognition agreement under which test lab is accredited to regulatory standards of the APEC member countries.

Phase I - recognition for product testing
Phase II – recognition for both product testing and certification

1.3. Product Certification

MiCOM Labs, Inc. is an accredited Product Certification Body per the international standard ISO/IEC 17065:2012. The company is accredited by the American Association for Laboratory Accreditation (A2LA) www.a2la.org test laboratory number 2381.02. MiCOM Labs test schedule is available at the following URL; http://www.a2la.org/scopepdf/2381-02.pdf

Accredited Product Certification Body

A2LA has accredited

MICOM LABS

Pleasanton, CA

This product certification body is accredited in accordance with the recognized International Standard ISO/IEC 17065:2012 *Requirements for bodies certifying products, processes and services*. This accreditation demonstrates technical competence for a defined scope and the operation of a management system.

Presented this 4th day of February 2016.

Senior Director of Quality & Communications
For the Accreditation Council
Certificate Number 2381.02
Valid to November 30, 2017

For the product certification schemes to which this accreditation applies, please refer to the organization's Product Certification Scope of Accreditation.

United States of America – Telecommunication Certification Body (TCB)
Industry Canada – Certification Body, CAB Identifier – US0159
Europe – Notified Body (NB), NB Identifier - 2280
Japan – Recognized Certification Body (RCB), RCB Identifier - 210

2. DOCUMENT HISTORY

Document History		
Revision	Date	Comments
Draft	18th March 2016	
Draft #2	22nd March 2016	
Rev A	23rd March 2016	Initial Release
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In the above table the latest report revision will replace all earlier versions.

3. TEST RESULT CERTIFICATE

Manufacturer:	Radwin Ltd. 27 Habarzel Street Tel Aviv 69710 Israel	**Tested By:**	MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Model:	AP0127730, AP0134760	**Telephone:** **Fax:**	+1 925 462 0304 +1 925 462 0306
Equipment Type:	RF Module operating in the 4.9 – 5.725 GHz		
S/N's:	Prototype		
Test Date(s):	7th – 9th March 2016	**Website:**	www.micomlabs.com

STANDARD(S)	TEST RESULTS
FCC CFR 47 Part 15 Subpart E 15.407 & RSS-247 (Limited to DFS Testing)	**EQUIPMENT COMPLIES**

MiCOM Labs, Inc. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

Notes:

1. This document reports conditions under which testing was conducted and the results of testing performed.

2. Details of test methods used have been recorded and kept on file by the laboratory.

3. Test results apply only to the item(s) tested.

A2LA ACCREDITED
TESTING CERT #2381.01

Approved & Released for MiCOM Labs, Inc. by:

Graeme Grieve
Quality Manager MiCOM Labs, Inc.

Gordon Hurst
President & CEO MiCOM Labs, Inc.

4. REFERENCES AND MEASUREMENT UNCERTAINTY

4.1. Normative References

REF.	PUBLICATION	YEAR	TITLE
I	KDB 662911	Oct 31 2013	Guidance for measurement of output emission of devices that employ single transmitter with multiple outputs or systems with multiple transmitters operating simultaneously in the same frequency band
II	KDB 905462 D07 v01	10th June 2015	Test guidance to demonstrate compliance for U-NII devices subject to DFS requirements.
III	KDB 926956 DO1 v01r02	17th October 2014	U-NII Device Transition Plan
IV	KDB 789033 D02 v01	6th June 2014	General UNII Test Procedures New Rules V01
V	A2LA	June 2015	R105 - Requirement's When Making Reference to A2LA Accreditation Status
VI	ANSI C63.10	2013	American National Standard for Testing Unlicensed Wireless Devices
VII	ANSI C63.4	2009	American National Standards for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
VIII	CISPR 22	2008	Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement
IX	ETSI TR 100 028	2001-12	Parts 1 and 2 Electromagnetic compatibility and Radio Spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics
X	FCC 06-96	Jun 3 2006	Memorandum Opinion and Order
XI	FCC 47 CFR Part 15.407	2014	Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices
XII	ICES-003	Issue 5 2012	Spectrum Management and Telecommunications; Interference-Causing Equipment Standard. Information Technology Equipment (ITE) – Limits and methods of measurement.
XIII	M 3003	Edition 3 Nov. 2012	Expression of Uncertainty and Confidence in Measurements
XIV	RSS-247 Issue 1	May 2015	Digital Transmission Systems (DTSs), Frequency Hopping System (FHSs) and License-Exempt Local Area Network (LE-LEN) Devices
XV	RSS-Gen Issue 4	November 2014	General Requirements and Information for the Certification of Radiocommunication Equipment
XVI	KDB 644545 D03 v01	August 14th 2014	Guidance for IEEE 802.11ac New Rules
XVII	FCC 47 CFR Part 2.1033	2014	FCC requirements and rules regarding photographs and test setup diagrams.

4.2. Test and Uncertainty Procedure

Conducted and radiated emission measurements were conducted in accordance with American National Standards Institute ANSI C63.4, listed in the Normative References section of this report.

Measurement uncertainty figures are calculated in accordance with ETSI TR 100 028 Parts 1 and 2.

Measurement uncertainties stated are based on a standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95 % in accordance with UKAS document M 3003 listed in the Normative References section of this report.

5. PRODUCT DETAILS AND TEST CONFIGURATIONS

5.1. Technical Details

Details	Description
Purpose:	Test of the Radwin AP0127730, AP0134760 to the DFS requirements of FCC CFR 47 Part 15.407 and Industry Canada RSS-247 regulations.
Applicant:	Radwin 27 Habarzel Street Tel Aviv 69710 Israel
Manufacturer:	As Applicant
Laboratory performing the tests:	MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Test report reference number:	RDWN40-U5
Date EUT received:	4th March 2016
Standard(s) applied:	FCC CFR 47 Part 15 Subpart E 15.407 & RSS-247
Dates of test (from - to):	8th – 9th March 2016
No of Units Tested:	1
Type of Equipment:	5 GHz 2x2 MIMO RF Module
Model(s):	AP0127730, AP0134760
Location for use:	Outdoor
Declared Frequency Range(s):	5250 - 5350 MHz; 5470 - 5725 MHz;
Primary function of equipment:	5 GHz 2x2 MIMO RF Module
Type of Modulation:	OFDM
EUT Modes of Operation:	5 MHz; 10 MHz; 20 MHz; 40 MHz
Transmit/Receive Operation:	Transceiver - Half Duplex
Rated Input Voltage and Current:	POE (POE adaptor sold with unit) 55Vdc
Operating Temperature Range:	Declared Range -35°C to 60°C
ITU Emission Designator:	5 MHz 5M00W7W 10 MHz 10M0W7W 20 MHz 20M0W7W 40 MHz 40M0W7W
Equipment Dimensions:	48.3mm x 7.6mm x 50.8mm / 1.9" x 0.3" x 2.0" (W x D x H)
Weight:	0.042 pounds
Hardware Rev:	prototype
Software Rev:	prototype

5.2. Scope Of Test Program

Radwin AP0127730, AP0134760

The scope of the test program was to test the Radwin AP0127730, AP0134760 5 GHz 2x2 MIMO RF Module configurations in the frequency ranges 5250 - 5350 MHz; 5470 - 5725 MHz; for compliance against the DFS requirements of the following specifications:

FCC CFR 47 Part 15 Subpart E 15.407
Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices

Industry Canada RSS-247
Digital Transmission Systems (DTSs), Frequency Hopping System (FHSs) and License-Exempt Local Area Network (LE-LEN) Devices

AP0127730

AP0127730 (Rear)

5.3. Equipment Model(s) and Serial Number(s)

Type	Description	Manufacturer	Model	Serial no.	Delivery Date
EUT	RF Module operating in the 4.9 – 5.725 GHz bands	Radwin Ltd.	AP0127730, AP0134760	Prototype	4th March 2016

5.4. Antenna Details

For a complete list of antennas used with the AP0127730, AP0134760 module see MiCOM Labs report RDWN12-U2. A 0 dBi antenna was selected as worst case antenna gain (sets the radar receive power level)

5.5. Cabling and I/O Ports

1. NONE

5.6. Test Configurations

Results for the following configurations are provided in this report:

Operational Mode(s)	Data Rate with Highest Power MBit/s	Channel Frequency (MHz)		
		Low	Mid	High
5470 - 5725 MHz				
5 MHz	9.5	5500	--	--
10 MHz	25	5500	--	--
20 MHz	51.7	5500	--	--
40 MHz	51.7	5510	--	--

5.7. Equipment Modifications

The following modifications were required to bring the equipment into compliance:
1. NONE

5.8. Deviations from the Test Standard

The following deviations from the test standard were required in order to complete the test program:
1. NONE

6. TEST SUMMARY

List of Measurements

Test Header	Result	Data Link
(h)(2) Dynamic Frequency Selection (DFS)	Complies	-
(ii) Channel Availability Check	Complies	-
(a) Initial CAC	Complies	View Data
(b) Beginning CAC	Complies	View Data
(c) End CAC	Complies	View Data
(iii) Channel Close / Transmission Time	Complies	View Data
(iv) Non-Occupancy Period	Complies	View Data
Probability of Detection	Complies	View Data
Detection Bandwidth	Complies	View Data

7. TEST EQUIPMENT CONFIGURATION(S)

7.1. DFS - Conducted

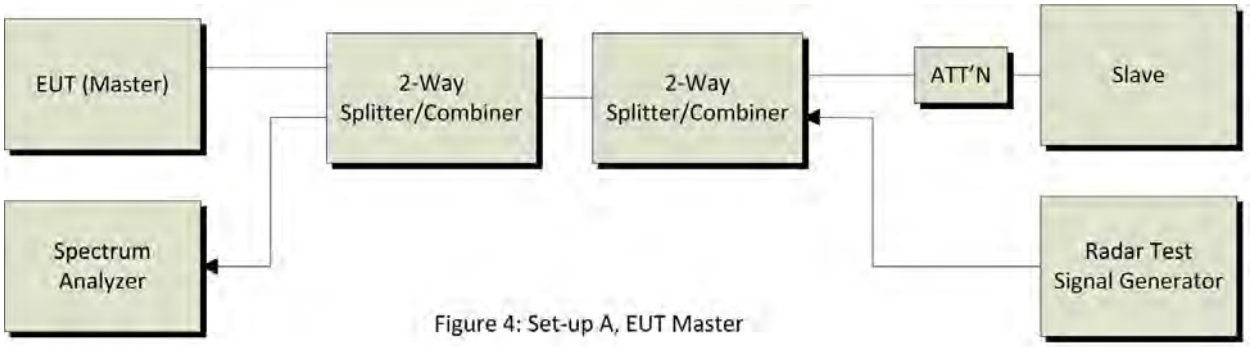


Figure 4: Set-up A, EUT Master

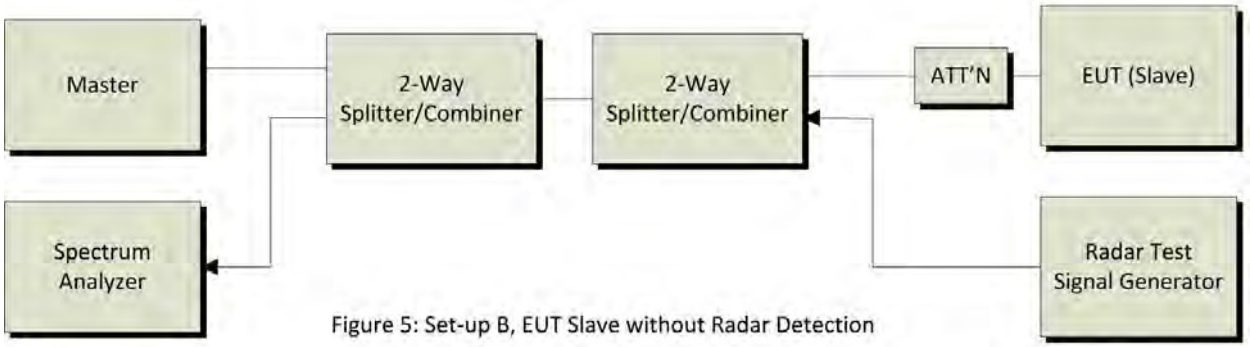


Figure 5: Set-up B, EUT Slave without Radar Detection

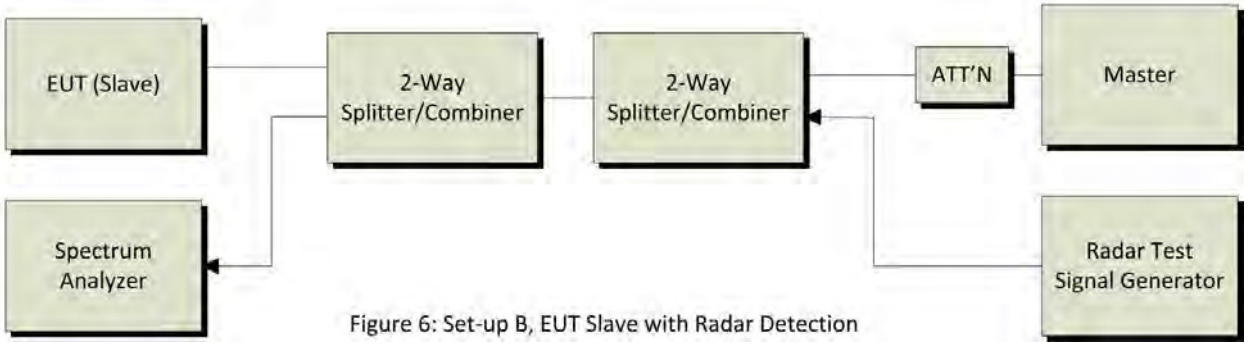


Figure 6: Set-up B, EUT Slave with Radar Detection

A full system calibration was performed on the test station and any resulting system losses (or gains) were taken into account in the production of all final measurement data.

Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
158	Barometer/Thermometer	Control Company	4196	E2846	01 Dec 2016
193	Receiver 20 Hz to 7 GHz	Rhode & Schwarz	ESI 7	838496/007	17 Mar 2016
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.4.0	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	18 Jun 2016
417	Laptop for DFS with DFS software	Lenova	W520	DFS	Not Required
418	PCI-e interface card	National Instruments	Express 8360	174AAC5	Not Required
422	Splitter/Combiner	Pasternack	PE 2031	001	Cal when used
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	06 Aug 2016
DFS PCIe#1	PCIe cable for Aeroflex	National Instruments	PCIe cable	None	Not Required
DFS SMA#1	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#2	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#3	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used
DFS SMA#4	SMA Cable for DFS	Megaphase	SMA Cable	None	Cal when used

8. TEST METHODOLOGY

8.1. Dynamic Frequency Selection (DFS) Overview

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands. Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode. The following tables summarize the requirements.

Requirement	Master Device or Client with Radar Detection	Client without Radar Detection
	Operational Mode	
DFS Detection Threshold	Yes	Not Required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not Required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
NOTE: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

The operational behavior and individual DFS requirements associated with these modes are as follows:

8.1.1. Master Devices

a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 − 5350 MHz and 5470 − 5725 MHz bands. DFS is not required in the 5150 − 5250 MHz or 5725 – 5850 MHz bands.

b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.

c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.

d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).

e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.

f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.

g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

8.1.2. Client Devices

a) A Client Device will not transmit before having received appropriate control signals from a Master Device.

b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shutdown (rather than moving channels), no beacons should appear.

8.2. DFS Detection Thresholds

The table below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (see Notes 1, 2 and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power density <10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

NOTE 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna

NOTE 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

NOTE 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

8.3. Response Requirements

The following table provides the response requirements for Master and Client Devices incorporating DFS.

DFS Response Requirement Values

Parameter	Value
Non-Occupancy Period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds, see NOTE 1
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period, see NOTES 1 and 2
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth, see NOTE 3

NOTE 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

NOTE 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

NOTE 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

8.4. Radar Test Waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

8.4.1. Short Radar Pulses

Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μS)	PRI (μS)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B: 15 unique PRI values randomly selected in the range 518-3066 μS, with a minimum increment of 1 μS, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Radar Pulse Type 0 should be used for the Detection Bandwidth test, Channel Move Time and Channel Closing Time tests

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

8.4.2. Long Radar Pulse Test

Long Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms.

Each waveform is defined as follows:

1. The transmission period for the Long Pulse Radar test signal is 12 seconds.

2. There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst Count.

3. Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.

4. The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.

5. Each pulse has a linear FM chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a Burst will have the same chirp width. Pulses in different Bursts may have different chirp widths. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.

6. If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.

7. The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst_Count. Each interval is of length (12,000,000 / Burst_Count) microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and [(12,000,000 / Burst_Count) – (Total Burst Length) + (One Random PRI Interval)] microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

A representative example of a Long Pulse radar test waveform:

1. The total test signal length is 12 seconds.

2. 8 Bursts are randomly generated for the Burst_Count

3. Burst 1 has 2 randomly generated pulses.

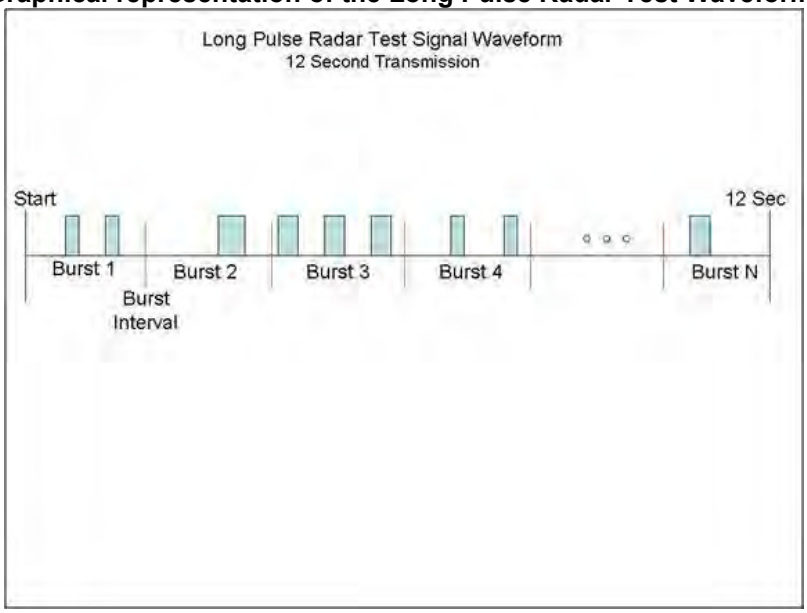
4. The pulse width (for both pulses) is randomly selected to be 75 microseconds.

5. The PRI is randomly selected to be at 1213 microseconds.

6. Bursts 2 through 8 are generated using steps 3 – 5.

7. Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

Graphical representation of the Long Pulse Radar Test Waveform.



8.4.3. Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	.333	300	70%	30

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

8.5. Radar Waveform Calibration

The following equipment setup was used to calibrate the Radar Waveform. A spectrum analyzer was used to establish the test signal level for each radar type. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) mode at the frequency of the Radar Waveform generator. Peak detection was utilized. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz.

The signal generator amplitude was set so that the power level measured at the spectrum analyzer was equal to the DFS detection threshold +1dB (Ref Section 9.2).

8.6. Test Program Details

EUT Type: Master with radar detection

Frequency band(s): 5,250 - 5,350 MHz and 5,470 – 5,725 MHz

Uniform Loading: For the above frequency band(s) the manufacturer declared that the device provides an aggregate uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

Test Environment: Conducted
Antenna Gain used for Testing: 0 dBi
Radar Receive Power Level: - 64 – lowest antenna gain = -64 – 0 = -64 dBm

[Repeat for each different data rate]
Radio parameters:
5 MHz: Transmit Power: 17.24 dBm; Data Rate: 9.5 Mbit/s; Duty Cycle: 37.0%
10 MHz: Transmit Power: 20.03 dBm; Data Rate: 25 Mbit/s; Duty Cycle: 37.0%
20 MHz: Transmit Power: 23.06 dBm; Data Rate: 51.7 Mbit/s; Duty Cycle: 37.0%
40 MHz: Transmit Power: 23.92 dBm; Data Rate: 51.7 Mbit/s; Duty Cycle: 37.0%

Number of Antenna Chains: 2
Test Communication Throughput Methodology
The requisite MPEG video file (“TestFile.mpg” available on the NTIA website at the following link http://ntiacsd.ntia.doc.gov/dfs/) is used during this video stream.

EUT Software Version: Prototype
EUT Build number: Prototype
Test Environmental Conditions - Ambient:
Temperature: 17 to 23 °C
Relative humidity: 31 to 57%
Pressure: 999 to 1012 mbar

9. TEST RESULTS

9.1. Dynamic Frequency Selection (DFS)

9.1.1. Channel Availability Check

9.1.1.1. Initial CAC

This test verifies that the EUT does not emit pulse, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms.

The EUT is instructed to power up at the appropriate center frequency. The spectrum analyzer is set on zero span with a 1 MHz resolution bandwidth and 260 second sweep time to monitor the RF output of the EUT during power up. The analyzer's sweep will be started the same time power is applied to the U-NII device.

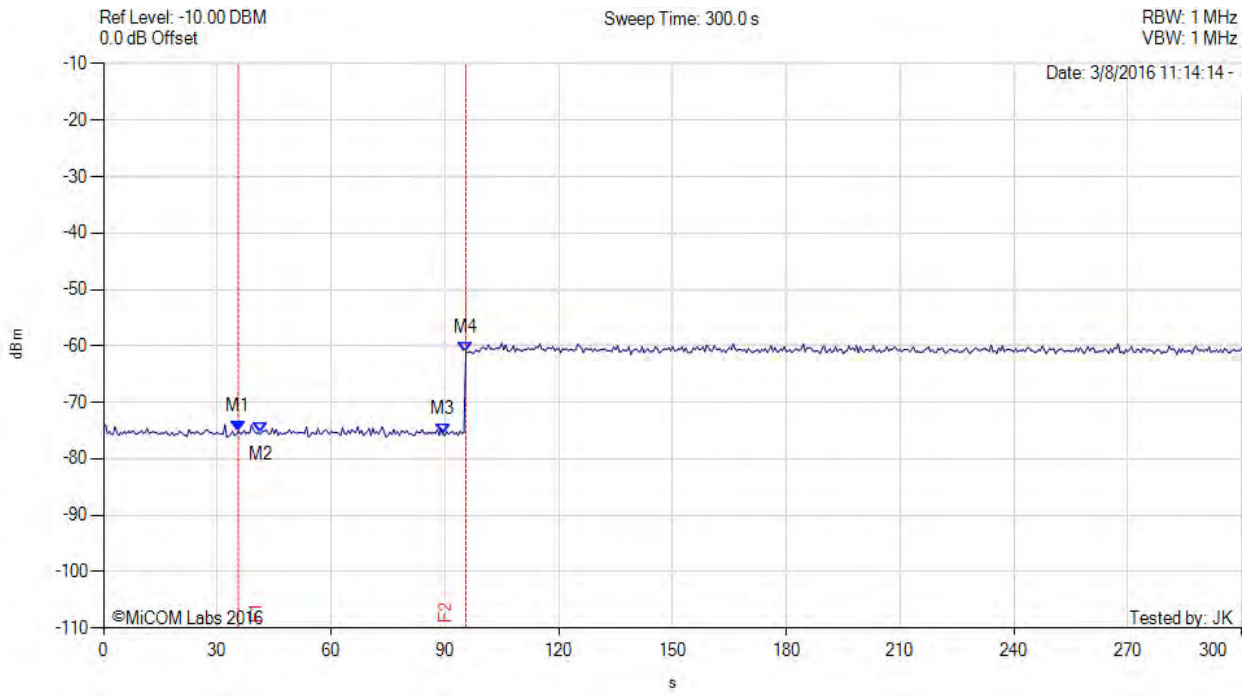
The EUT should not transmit any pulse or data transmissions until at least 1 minute after the completion of the power-on cycle.

The first red vertical line shown on the following plot denotes the instant when the EUT starts its power-up sequence i.e. T0 (as defined within the FCC's KDB 905462 D02 Section 4.1). The power-up reference T0 is determined by the time it takes for the EUT to start "beaconing" i.e. initial beacon – 60 secs = end of power-up.

The Channel Availability Check Time commences at instant T0 and will end no sooner than T0 + 60 seconds. T0 + 60 is indicated on the plot by the second vertical line.

INITIAL CAC

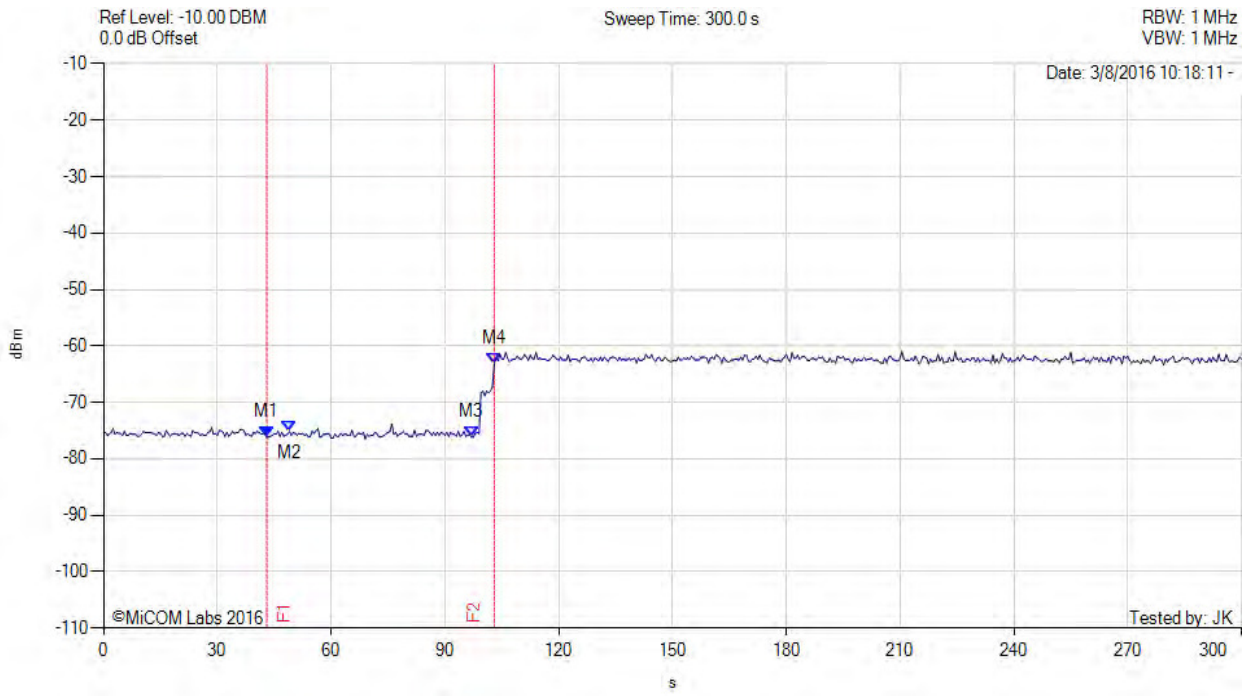
Variant: 10 MHz, Channel: 5500.00 MHz, Data Rate: 25 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.160 dBm M2(5500.00 MHz) : 41.500 s : -75.500 dBm M3(5500.00 MHz) : 89.500 s : -75.660 dBm M4(5500.00 MHz) : 95.500 s : -61.160 dBm	Channel Frequency: 5500.00 MHz

INITIAL CAC

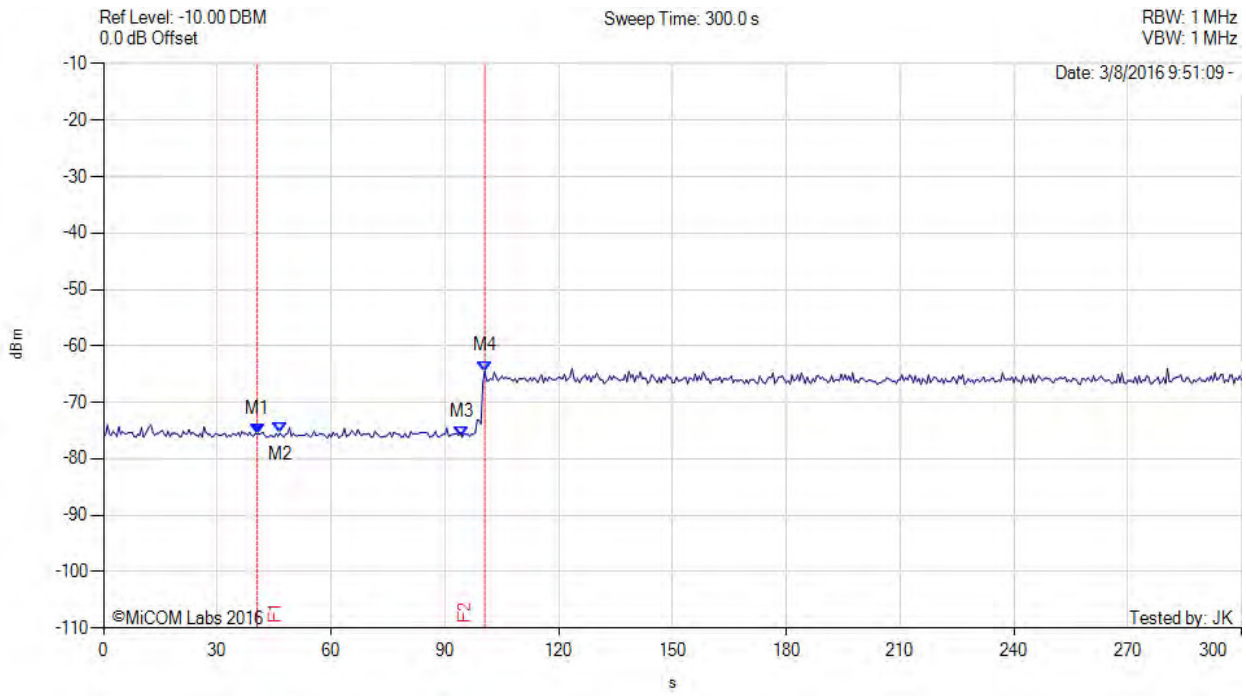
Variant: 20 MHz, Channel: 5500.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 43.000 s : -76.160 dBm M2(5500.00 MHz) : 49.000 s : -75.160 dBm M3(5500.00 MHz) : 97.000 s : -76.160 dBm M4(5500.00 MHz) : 103.000 s : -63.160 dBm	Channel Frequency: 5500.00 MHz

INITIAL CAC

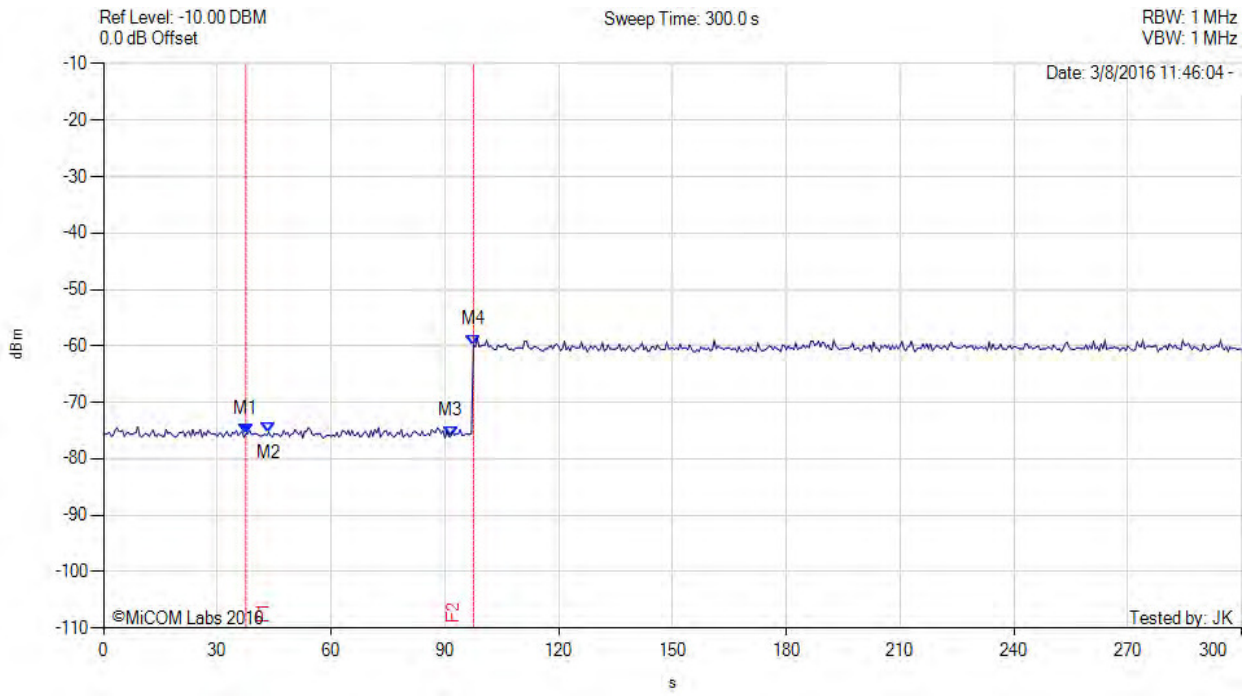
Variant: 40 MHz, Channel: 5510.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5510.00 MHz) : 40.500 s : -75.660 dBm M2(5510.00 MHz) : 46.500 s : -75.500 dBm M3(5510.00 MHz) : 94.500 s : -76.160 dBm M4(5510.00 MHz) : 100.500 s : -64.500 dBm	Channel Frequency: 5510.00 MHz

INITIAL CAC

Variant: 5 MHz, Channel: 5500.00 MHz, Data Rate: 9.5 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 37.500 s : -75.660 dBm M2(5500.00 MHz) : 43.500 s : -75.330 dBm M3(5500.00 MHz) : 91.500 s : -76.000 dBm M4(5500.00 MHz) : 97.500 s : -59.830 dBm	Channel Frequency: 5500.00 MHz

9.1.1.2. Beginning CAC

The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold +1dB (Ref Section 9.2) occurs at the beginning of the Channel Availability Check Time.

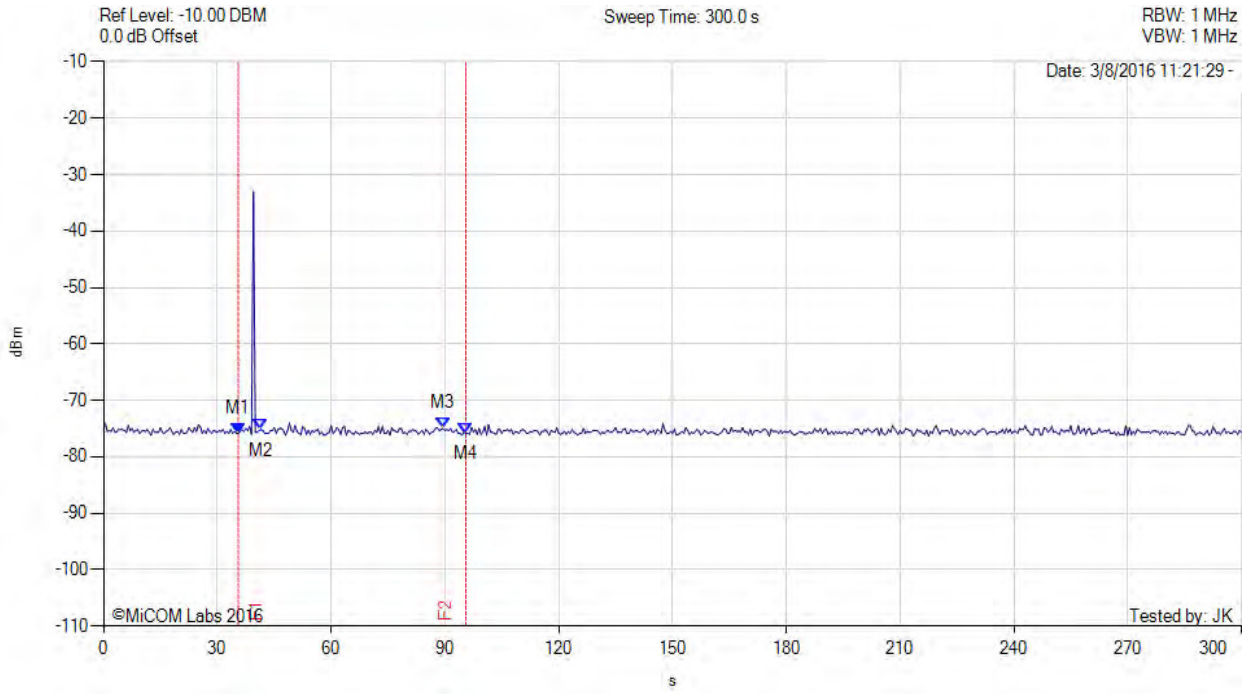
A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 (first red vertical marker line on the plot).

Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

T0 + 60 is indicated on the plot by the second vertical line.

BEGINNING CAC

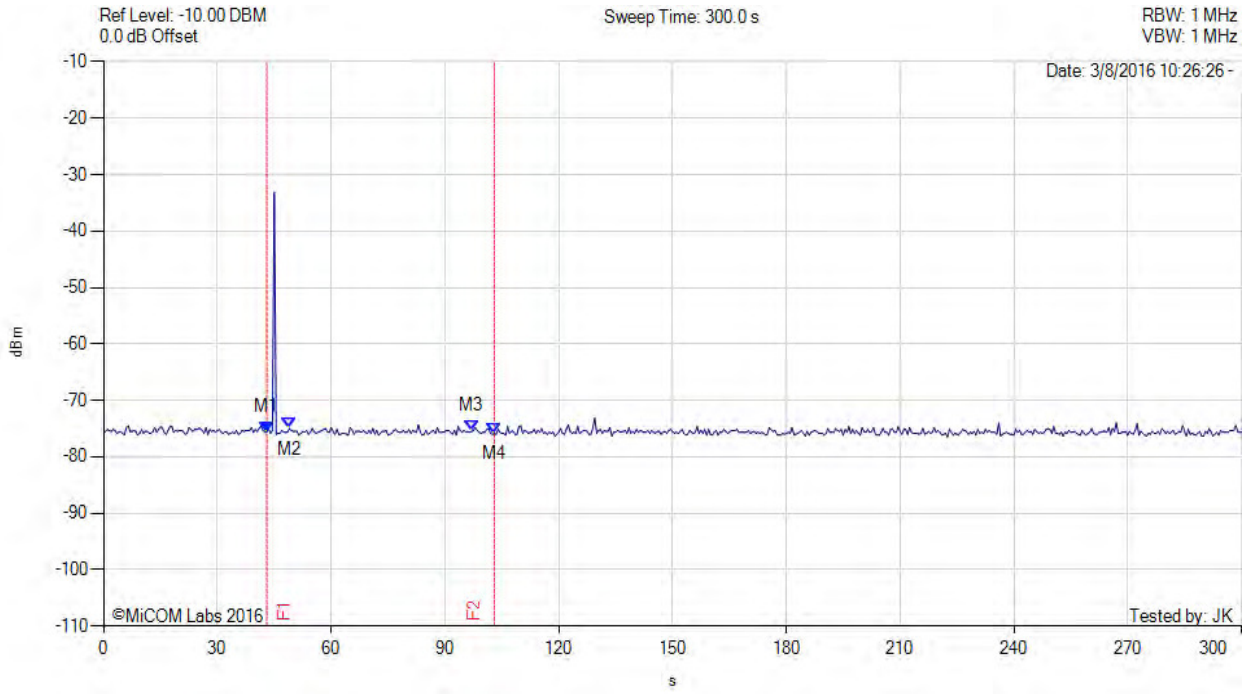
Variant: 10 MHz, Channel: 5500.00 MHz, Data Rate: 25 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.830 dBm M2(5500.00 MHz) : 41.500 s : -75.160 dBm M3(5500.00 MHz) : 89.500 s : -75.000 dBm M4(5500.00 MHz) : 95.500 s : -75.830 dBm	Channel Frequency: 5500.00 MHz

BEGINNING CAC

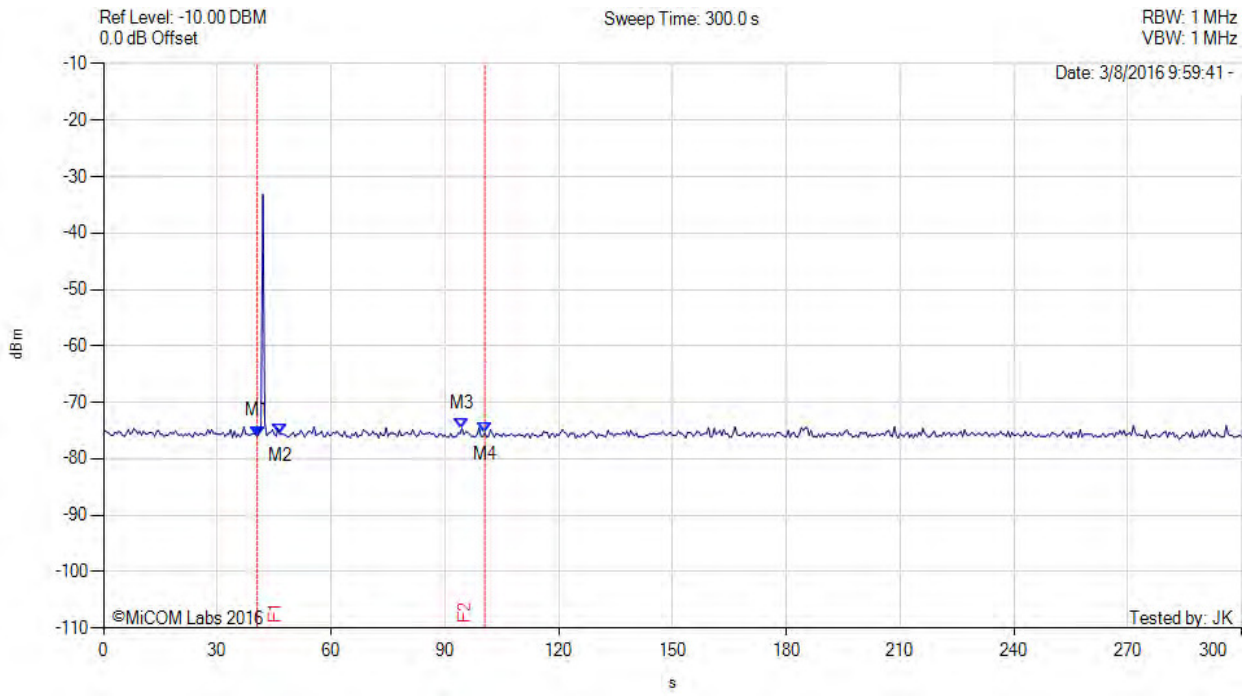
Variant: 20 MHz, Channel: 5500.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 43.000 s : -75.660 dBm M2(5500.00 MHz) : 49.000 s : -75.000 dBm M3(5500.00 MHz) : 97.000 s : -75.500 dBm M4(5500.00 MHz) : 103.000 s : -75.830 dBm	Channel Frequency: 5500.00 MHz

BEGINNING CAC

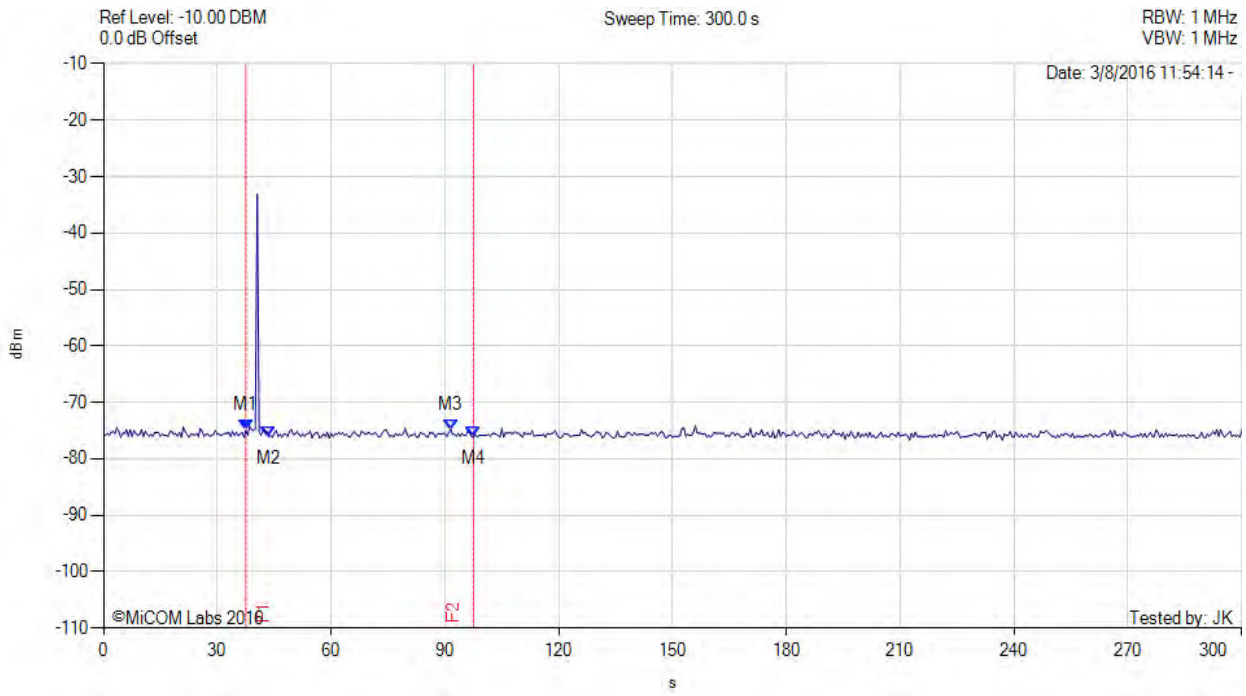
Variant: 40 MHz, Channel: 5510.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5510.00 MHz) : 40.500 s : -76.000 dBm M2(5510.00 MHz) : 46.500 s : -75.660 dBm M3(5510.00 MHz) : 94.500 s : -74.660 dBm M4(5510.00 MHz) : 100.500 s : -75.500 dBm	Channel Frequency: 5510.00 MHz

BEGINNING CAC

Variant: 5 MHz, Channel: 5500.00 MHz, Data Rate: 9.5 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 37.500 s : -75.000 dBm M2(5500.00 MHz) : 43.500 s : -76.160 dBm M3(5500.00 MHz) : 91.500 s : -74.830 dBm M4(5500.00 MHz) : 97.500 s : -76.160 dBm	Channel Frequency: 5500.00 MHz

9.1.1.3. End CAC

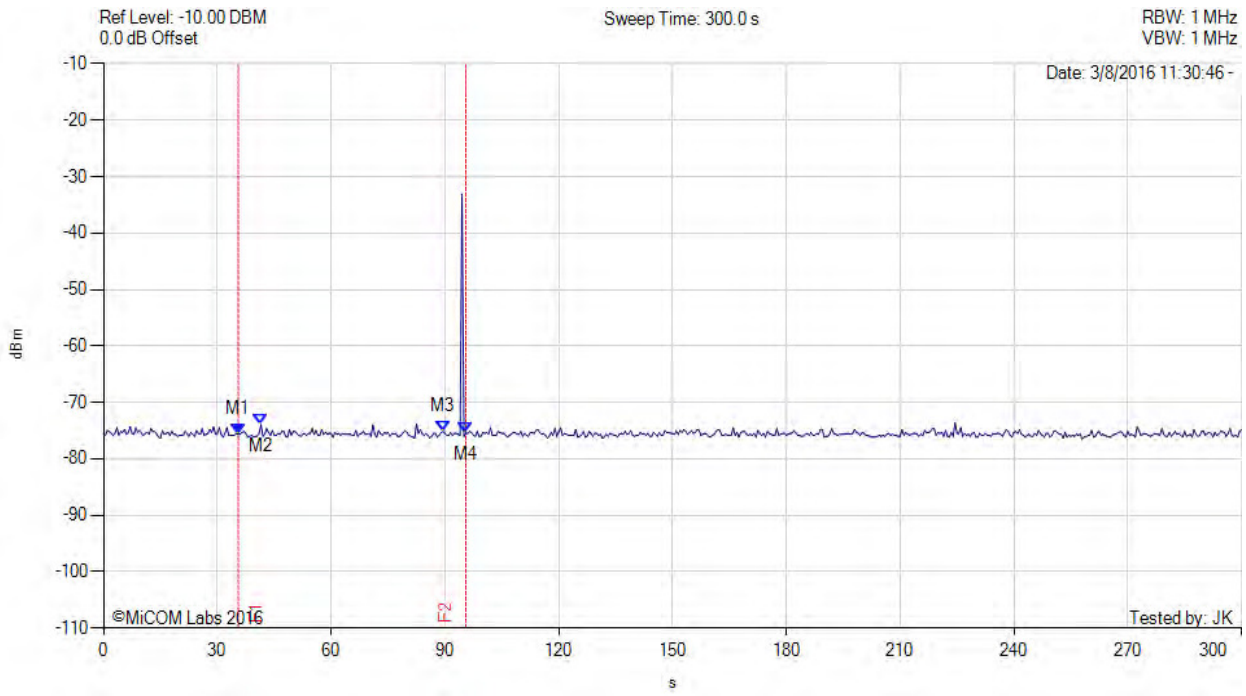
The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold occurs at the end of the Channel Availability Check Time.

A single Burst of short pulse of radar Type 1 will commence within a 6 second window starting at T0 + 54 seconds. The window will commence at marker 3 and end at the red time line T2 (T0 + 60 secs)

Visual indication on the EUT of successful detection of the radar Burst is recorded and reported. Observation of emissions at the appropriate center frequency will continue for 2.5 minutes after the radar burst has been generated.

END CAC

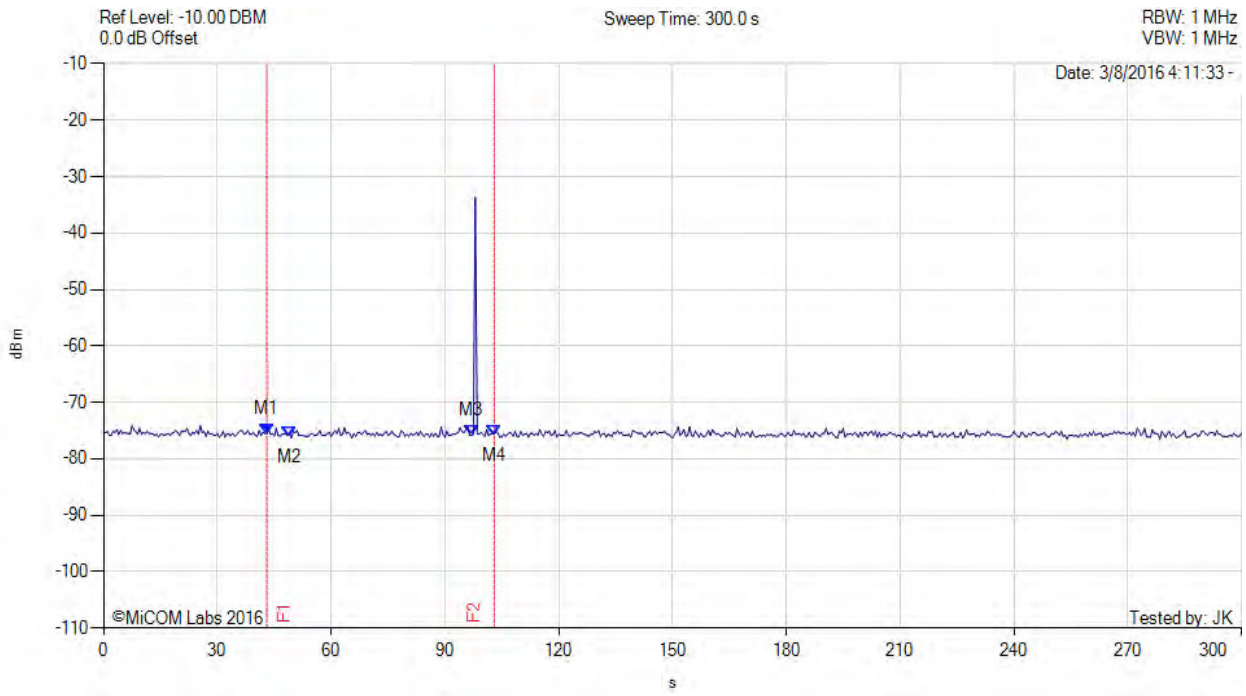
Variant: 10 MHz, Channel: 5500.00 MHz, Data Rate: 25 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 35.500 s : -75.660 dBm M2(5500.00 MHz) : 41.500 s : -74.000 dBm M3(5500.00 MHz) : 89.500 s : -75.160 dBm M4(5500.00 MHz) : 95.500 s : -75.500 dBm	Channel Frequency: 5500.00 MHz

END CAC

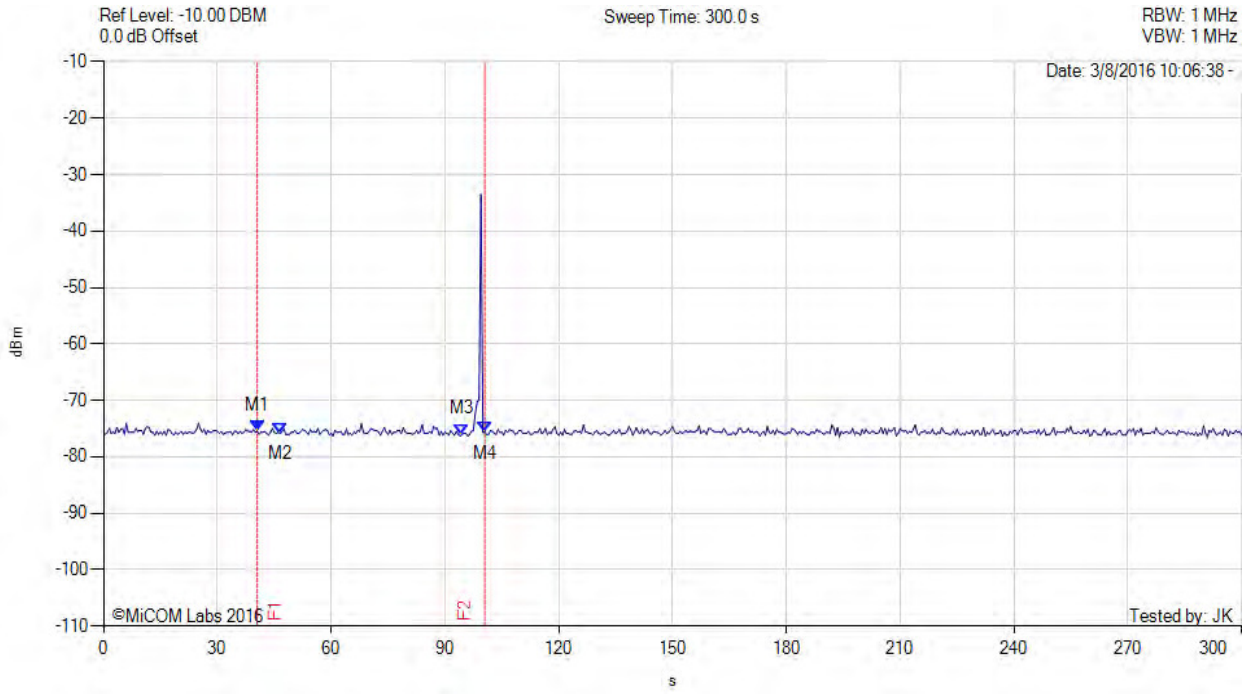
Variant: 20 MHz, Channel: 5500.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 43.000 s : -75.660 dBm M2(5500.00 MHz) : 49.000 s : -76.000 dBm M3(5500.00 MHz) : 97.000 s : -75.830 dBm M4(5500.00 MHz) : 103.000 s : -75.830 dBm	Channel Frequency: 5500.00 MHz

END CAC

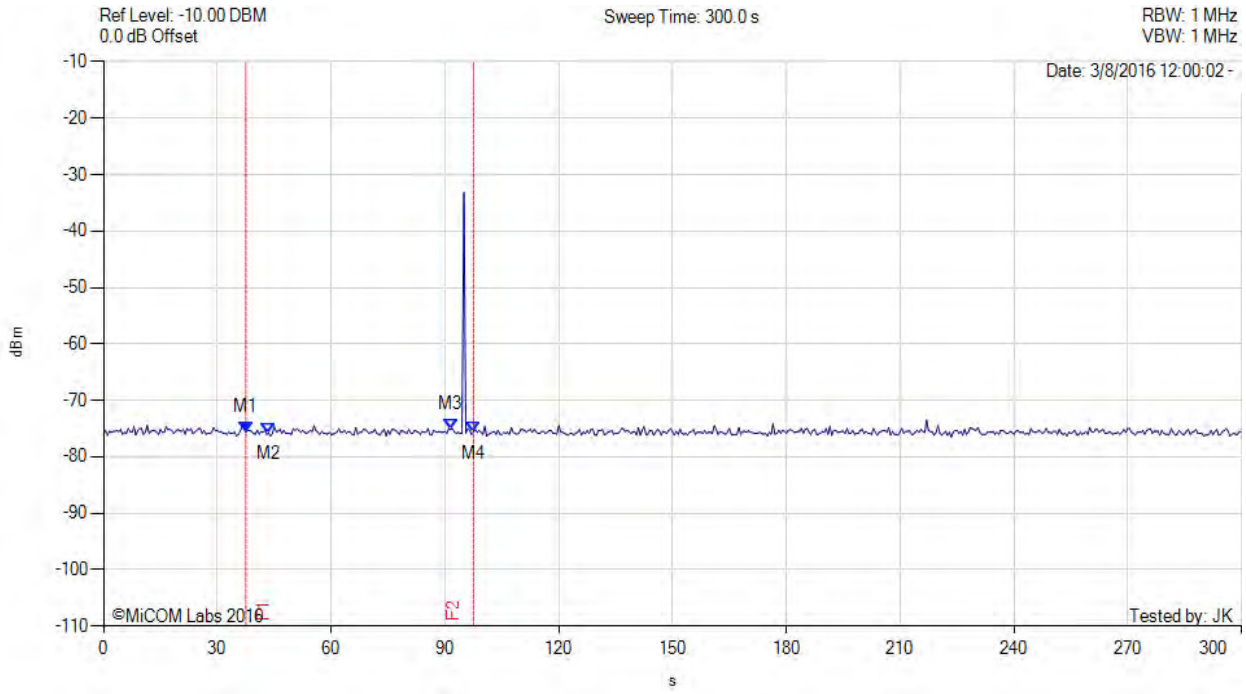
Variant: 40 MHz, Channel: 5510.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5510.00 MHz) : 40.500 s : -75.500 dBm M2(5510.00 MHz) : 46.500 s : -75.830 dBm M3(5510.00 MHz) : 94.500 s : -76.000 dBm M4(5510.00 MHz) : 100.500 s : -75.660 dBm	Channel Frequency: 5510.00 MHz

END CAC

Variant: 5 MHz, Channel: 5500.00 MHz, Data Rate: 9.5 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 37.500 s : -75.660 dBm M2(5500.00 MHz) : 43.500 s : -75.830 dBm M3(5500.00 MHz) : 91.500 s : -75.160 dBm M4(5500.00 MHz) : 97.500 s : -75.660 dBm	Channel Frequency: 5500.00 MHz

9.1.2. Channel Close / Transmission Time

The steps below define the procedure to determine the above mentioned parameters when a radar Burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.
The EUT will is associated with a support U-NII device in order to setup an appropriate transmission media in accordance with the FCC requirements.

Channel Closing Transmission Time and Channel Mode Time - Measurement
The test system was set-up to capture all transmission data for access point events above a threshold level of -50 dBm. The test equipment time stamps all captured events.
A Type 0 waveform was introduced to the EUT, from which a 12 second transmission record was digitally captured. The start of the Type 0 radar waveform is indicated in the test result plot as “Start Waveform”, the end of the waveform is indicated as “End waveform”.
Channel Closing Transmission Time, and the Channel Move Time start immediately after the last radar pulse is transmitted.

The aggregate of all pulses seen after the end of the radar injection are measured as the “Channel Closing Transmission time”.

The last EUT activity after the end of the radar pulse is identified and used to determine the “Channel Move Time”

5 MHz: Frequency 5500 MHz Channel 100

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine;-

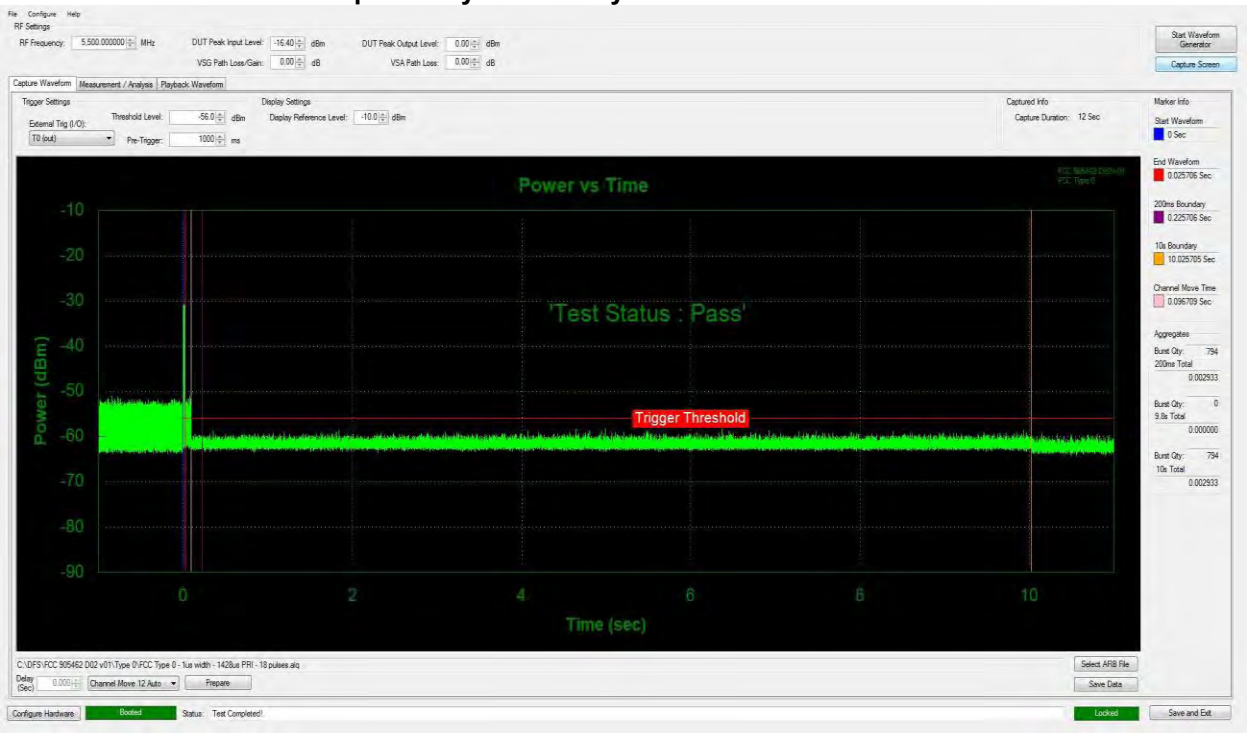
1) Channel Closing Transmission Time (limit is 250 milliseconds)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = <u>96.709 mSecs (limit 250 mSec)</u>

2) Channel Move Time = <u>0.002933 Secs (limit is 10 seconds)</u>

Channel Move Time, Channel Closing Transmission Time for Type 1 Radar Captured by the Test System - 0-12 Seconds



10 MHz: Frequency 5500 MHz Channel 100

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine;-

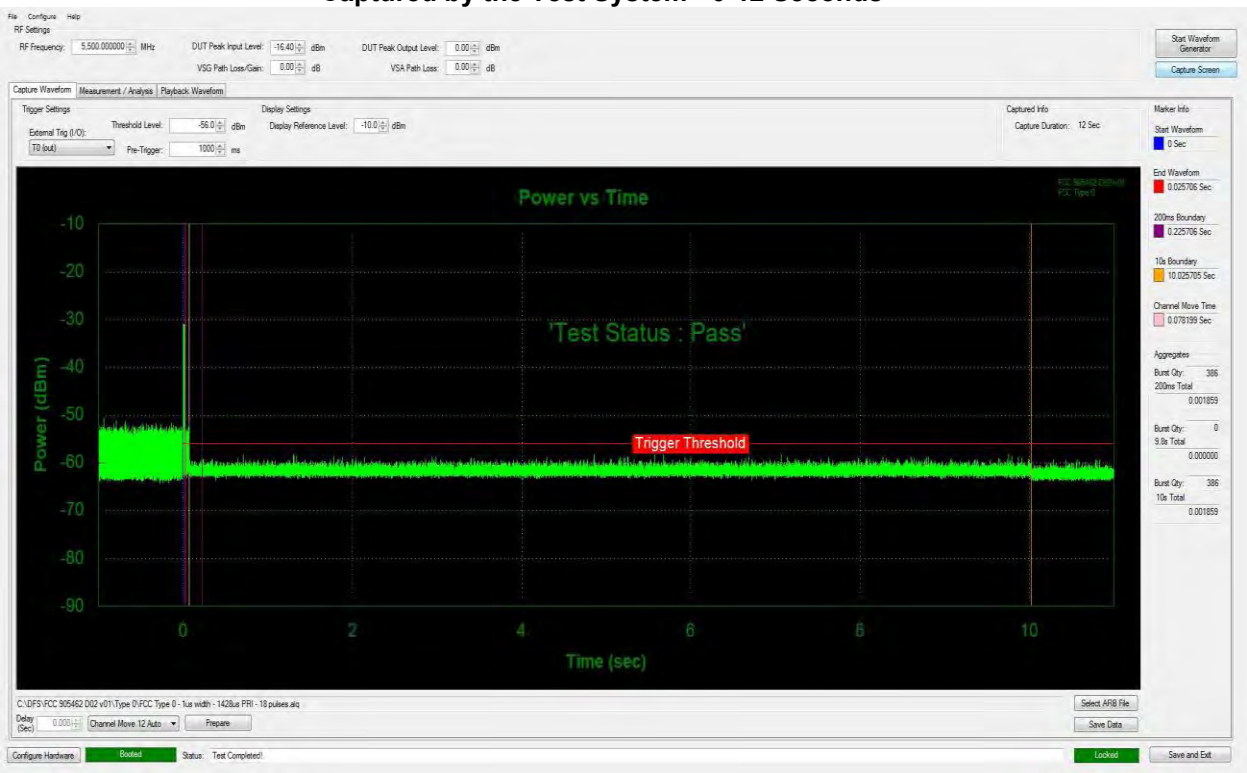
1) Channel Closing Transmission Time (limit is 250 milliseconds)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = 78.199 mSecs (limit 250 mSec)

2) Channel Move Time = 0.001859 Secs (limit is 10 seconds)

Channel Move Time, Channel Closing Transmission Time for Type 1 Radar Captured by the Test System - 0-12 Seconds



20 MHz: Frequency 5500 MHz Channel 100

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine;-

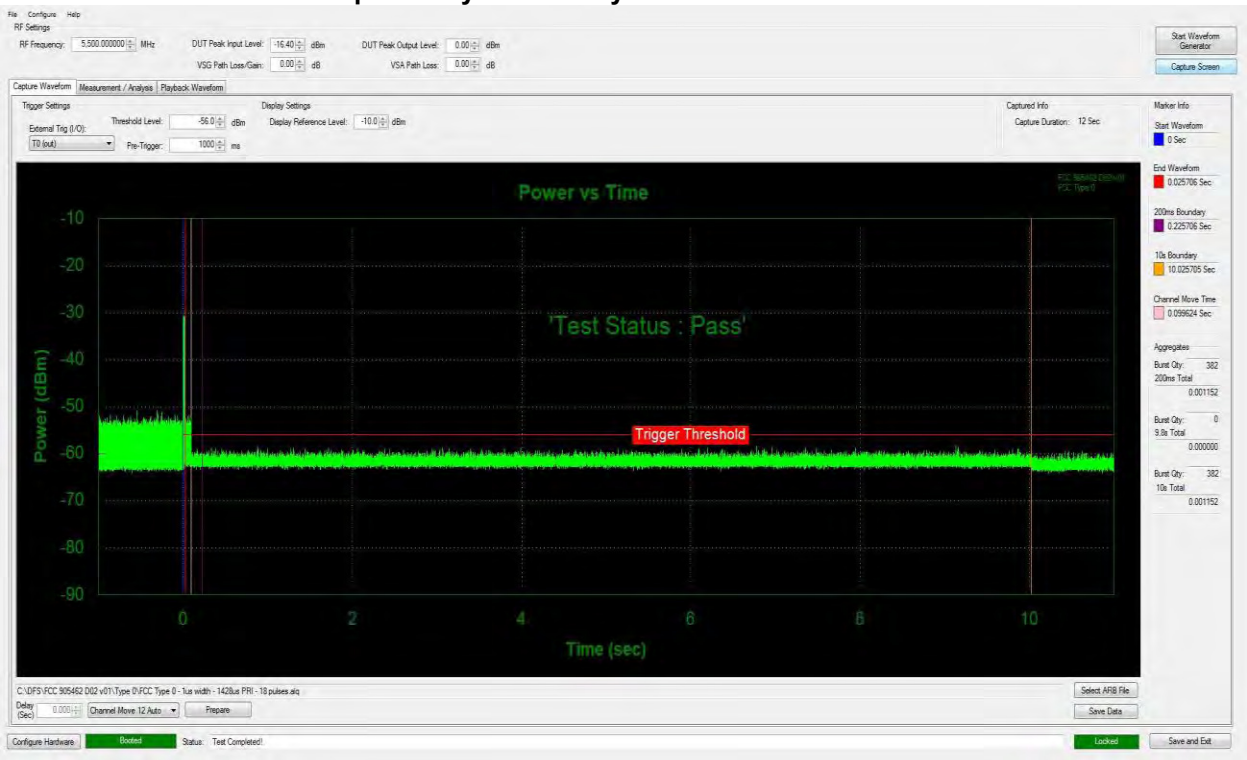
1) Channel Closing Transmission Time (limit is 250 milliseconds)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = <u>99.624 mSecs (limit 250 mSec)</u>

2) Channel Move Time = <u>0.001152 Secs (limit is 10 seconds)</u>

Channel Move Time, Channel Closing Transmission Time for Type 1 Radar Captured by the Test System - 0-12 Seconds



40 MHz: Frequency 5510 MHz Channel 102

The PXI system measures and aggregates the pulses occurring after the end of the radar pulse to determine;-

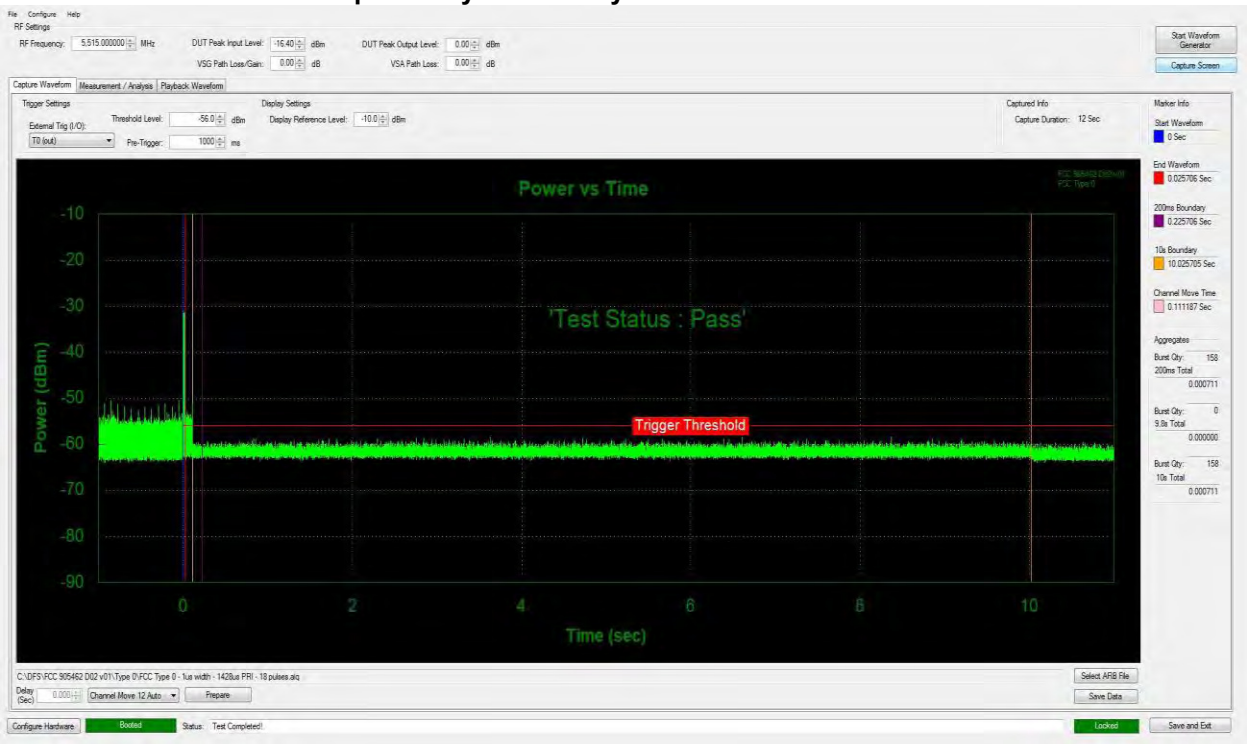
1) Channel Closing Transmission Time (limit is 250 milliseconds)

2) Channel Move Time (limit is 10 seconds)

1) Channel Closing Transmission Time = <u>111.187 mSecs (limit 250 mSec)</u>

2) Channel Move Time = <u>0.000711 Secs (limit is 10 seconds)</u>

Channel Move Time, Channel Closing Transmission Time for Type 1 Radar Captured by the Test System - 0-12 Seconds



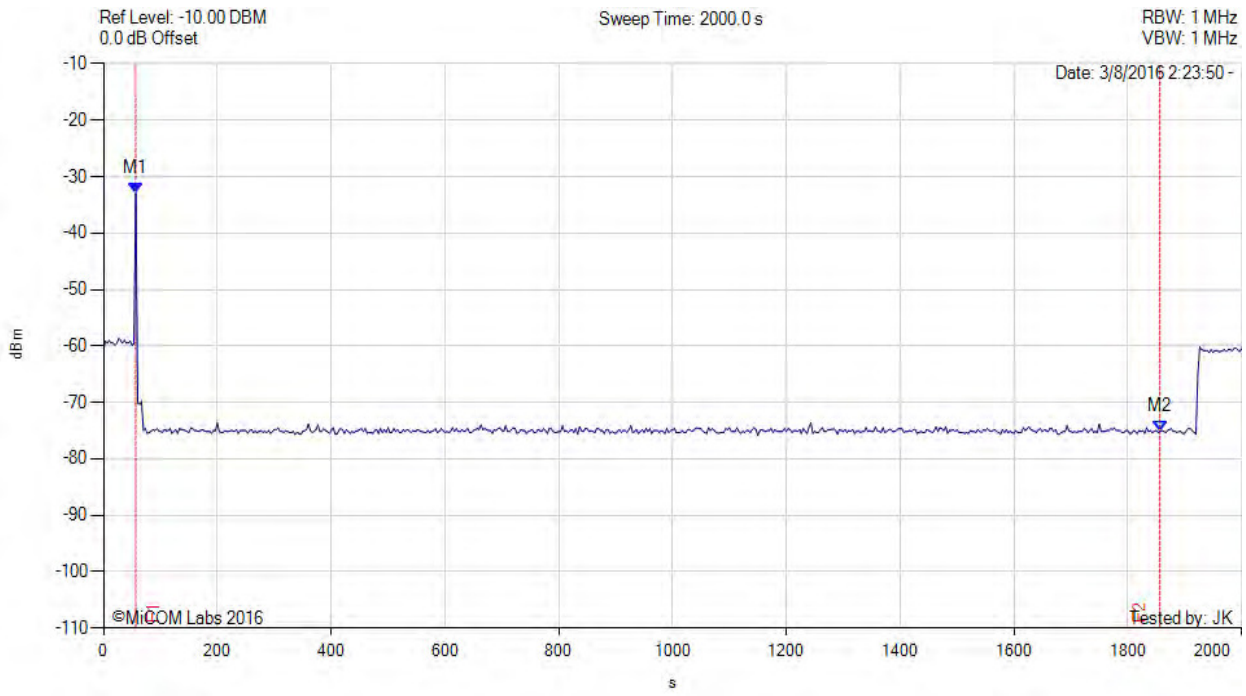
Note: Frequency was offset by +5MHz for this test due to a power null at 5510 MHz.

9.1.3. Non-Occupancy Period

The EUT is monitored for more than 30 minutes following the channel close/move time to verify no transmissions resume on this Channel. There should be no transmissions on the frequency of interest during the non-occupancy period.

NON-OCCUPANCY PERIOD

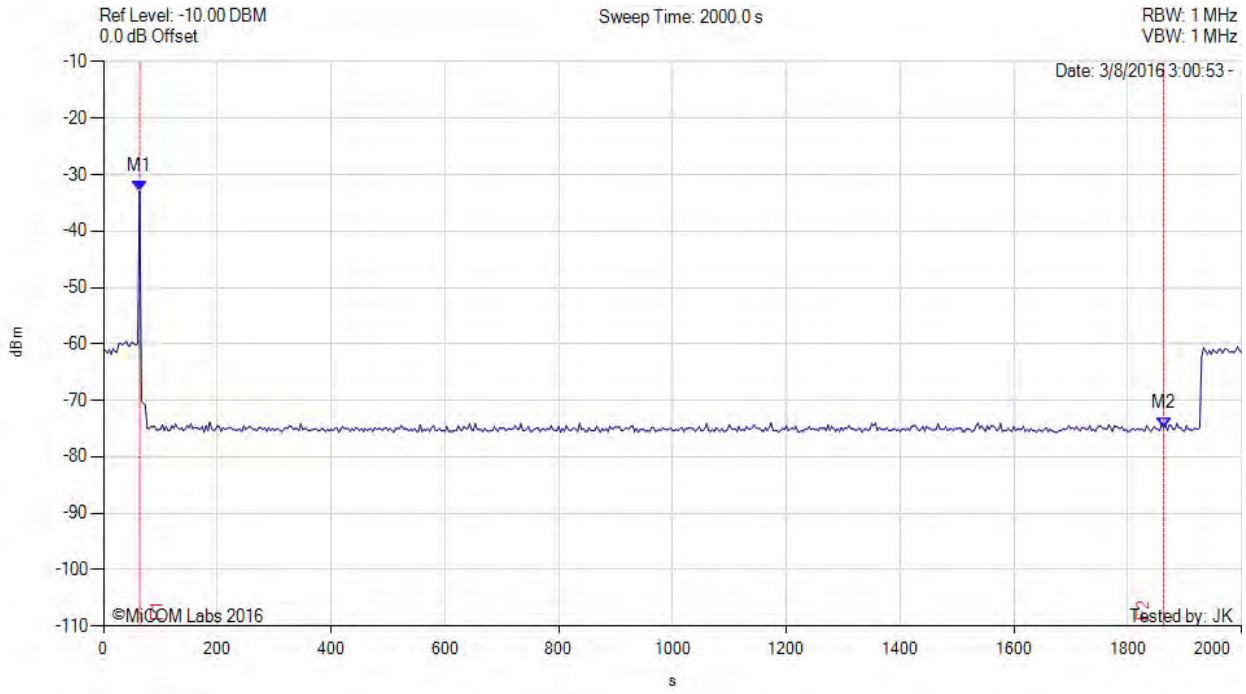
Variant: 10 MHz, Channel: 5500.00 MHz, Data Rate: 25 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 56.667 s : -33.000 dBm M2(5500.00 MHz) : 1856.667 s : -75.160 dBm	Channel Frequency: 5500.00 MHz

NON-OCCUPANCY PERIOD

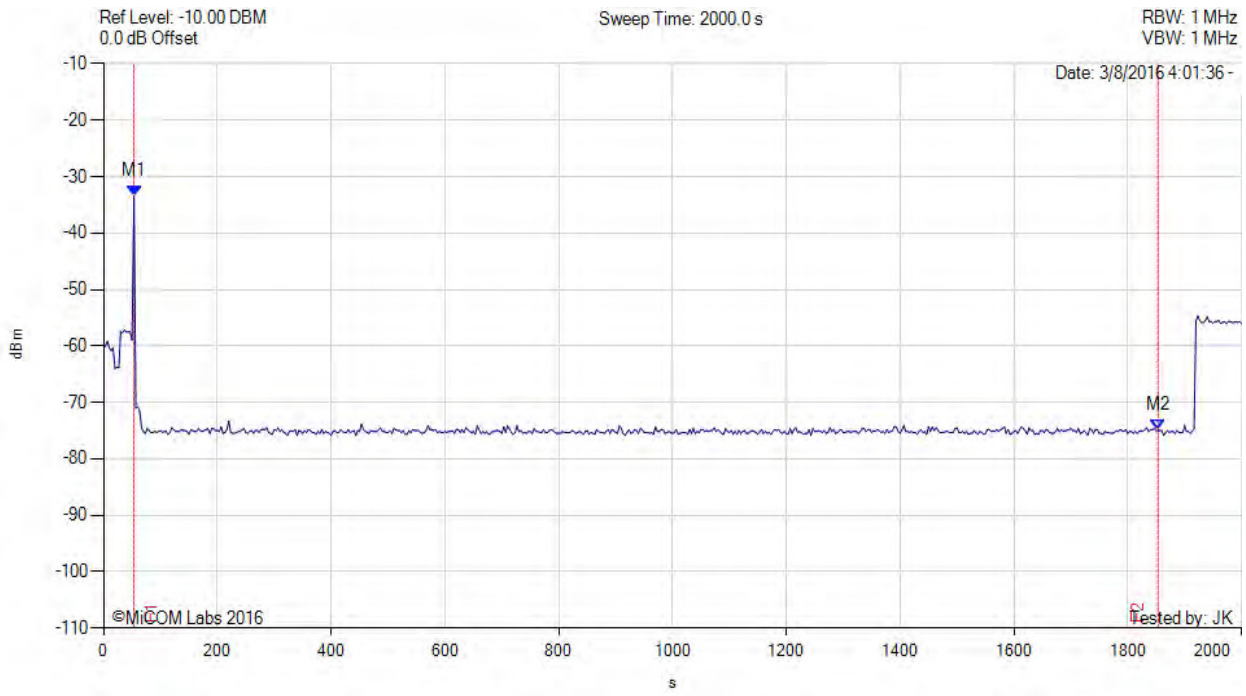
Variant: 20 MHz, Channel: 5500.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 63.330 s : -33.000 dBm M2(5500.00 MHz) : 1863.330 s : -74.830 dBm	Channel Frequency: 5500.00 MHz

NON-OCCUPANCY PERIOD

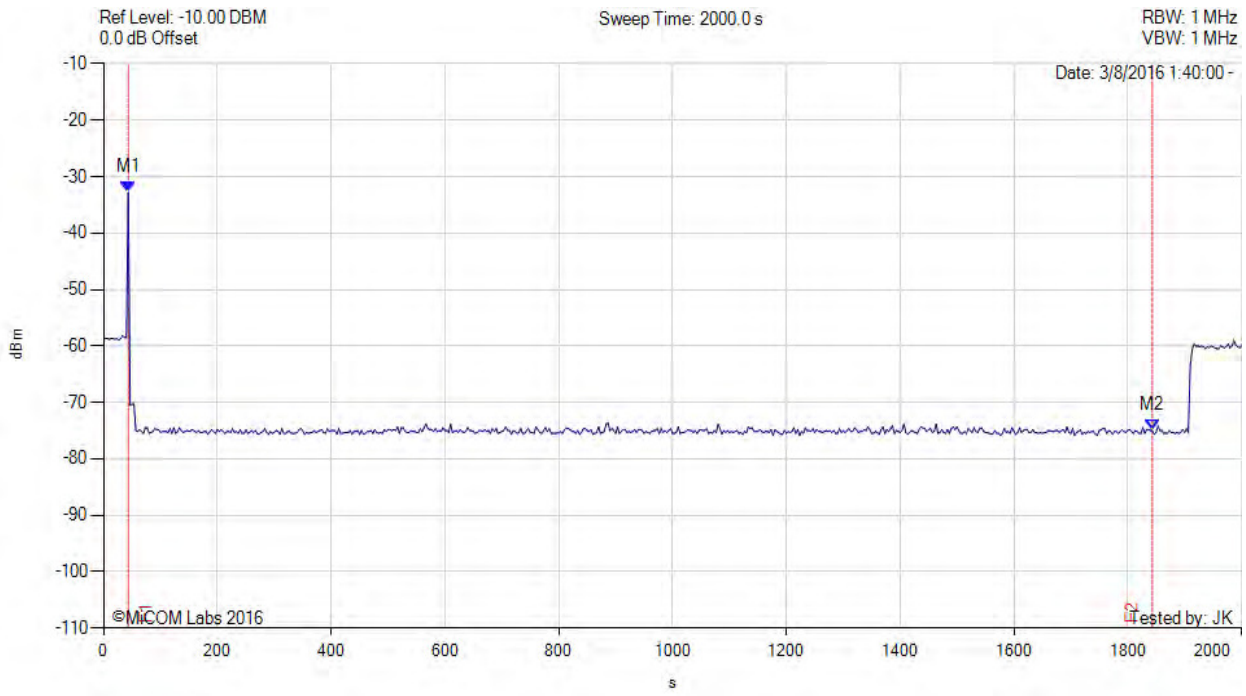
Variant: 40 MHz, Channel: 5510.00 MHz, Data Rate: 51.7 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5515.00 MHz) : 53.330 s : -33.500 dBm M2(5515.00 MHz) : 1853.330 s : -75.000 dBm	Channel Frequency: 5510.00 MHz

NON-OCCUPANCY PERIOD

Variant: 5 MHz, Channel: 5500.00 MHz, Data Rate: 9.5 Mbit/s, Duty Cycle: 37.00%, Antenna Gain: 0.00 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1(5500.00 MHz) : 43.330 s : -32.830 dBm M2(5500.00 MHz) : 1843.330 s : -75.000 dBm	Channel Frequency: 5500.00 MHz

9.1.4. Probability of Detection

The steps below define the procedure to determine the minimum percentage of detection when a radar burst with a level equal to the DFS Detection Threshold is generated on the Operating Channel of the U-NII device.

The Radar Waveform generator sends the individual waveform for each of the radar Types 1-6. Statistical data will be gathered to determine the ability of the device to detect the radar test waveforms. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The percentage of successful detection is calculated by:

Total # of detections ÷ Total # of Trials × 100 = Probability of Detection

The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection are found in the Radar Test Waveforms section.

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections;

Example - Calculation of Aggregate Percentage

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detections
1	35	29	82.9%
2	30	18	60.0%
3	30	27	90.0%
4	30	44	88.0%
Aggregate (82.9% + 60.0% + 90.0% +88.0%) / 4 = 80.2%			

5 MHz - 5500 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 0	10	10	100.00%	Complies	View Data
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	11	11	100.00%	Complies	View Data
Radar Type 3	11	11	100.00%	Complies	View Data
Radar Type 4	11	11	100.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 100.00%) / 4 = 100.00%				Complies	--
Radar Type 5	11	11	100.00%	Complies	View Data
Radar Type 6	30	24	80.00%	Complies	View Data

10 MHz - 5500 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 0	11	11	100.00%	Complies	View Data
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	11	11	100.00%	Complies	View Data
Radar Type 3	11	11	100.00%	Complies	View Data
Radar Type 4	11	11	100.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 100.00%) / 4 = 100.00%				Complies	--
Radar Type 5	11	11	100.00%	Complies	View Data
Radar Type 6	11	11	100.00%	Complies	View Data

20 MHz - 5500 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 0	11	11	100.00%	Complies	View Data
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	11	11	100.00%	Complies	View Data
Radar Type 3	11	11	100.00%	Complies	View Data
Radar Type 4	11	11	100.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 100.00%) / 4 = 100.00%				Complies	--
Radar Type 5	11	11	100.00%	Complies	View Data
Radar Type 6	11	11	100.00%	Complies	View Data

40 MHz - 5510 MHz

Statistical Performance Check					
Radar Type	**Number of Trials**	**Number of Successful Detections**	**Percentage of Successful Detections**	**Result**	**Data Link**
Radar Type 0	11	11	100.00%	Complies	View Data
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	11	11	100.00%	Complies	View Data
Radar Type 3	11	11	100.00%	Complies	View Data
Radar Type 4	11	11	100.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 100.00%) / 4 = 100.00%				Complies	--
Radar Type 5	11	11	100.00%	Complies	View Data
Radar Type 6	11	11	100.00%	Complies	View Data

Equipment Configuration for Radar Type 0			
Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	700	1428	18	11	11	100.00%	See Agg.
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Complete suite of signatures exercised for Type 1		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	1066	938	57	1	1	100.00%	DETECTED
1	1193	838	63	1	1	100.00%	DETECTED
1	1319	758	70	1	1	100.00%	DETECTED
1	1114	898	59	1	1	100.00%	DETECTED
1	1792	558	95	1	1	100.00%	DETECTED
1	326	3066	18	1	1	100.00%	DETECTED
1	1730	578	92	1	1	100.00%	DETECTED
1	1567	638	83	1	1	100.00%	DETECTED
1	1355	738	72	1	1	100.00%	DETECTED
1	1520	658	81	1	1	100.00%	DETECTED
1	1859	538	99	1	1	100.00%	DETECTED
1	1166	858	62	1	1	100.00%	DETECTED
1	1089	918	58	1	1	100.00%	DETECTED
1	1475	678	78	1	1	100.00%	DETECTED
1	1672	598	89	1	1	100.00%	DETECTED
1	735	1361	39	1	1	100.00%	DETECTED
1	1024	977	55	1	1	100.00%	DETECTED
1	729	1371	39	1	1	100.00%	DETECTED
1	373	2682	20	1	1	100.00%	DETECTED
1	1675	597	89	1	1	100.00%	DETECTED
1	1389	720	74	1	1	100.00%	DETECTED
1	514	1946	28	1	1	100.00%	DETECTED
1	1656	604	88	1	1	100.00%	DETECTED
1	715	1398	38	1	1	100.00%	DETECTED
1	614	1629	33	1	1	100.00%	DETECTED
1	1408	710	75	1	1	100.00%	DETECTED
1	478	2091	26	1	1	100.00%	DETECTED
1	553	1809	30	1	1	100.00%	DETECTED
1	355	2819	19	1	1	100.00%	DETECTED
1	433	2308	23	1	1	100.00%	DETECTED
			Aggregate:	**30.00**	**30.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1.2	4762	210	26	1	1	100.00%	DETECTED
1.2	4630	216	26	Not Tested			
1.5	5587	179	26	Not Tested			
1.7	5376	186	25	1	1	100.00%	DETECTED
1.7	4831	207	29	Not Tested			
1.9	4902	204	25	Not Tested			
2	6410	156	23	1	1	100.00%	DETECTED
2.1	5747	174	24	Not Tested			
2.3	5236	191	29	Not Tested			
2.5	4505	222	23	1	1	100.00%	DETECTED
2.6	4367	229	23	Not Tested			
2.6	6098	164	25	Not Tested			
2.7	5952	168	27	1	1	100.00%	DETECTED
2.9	5102	196	25	Not Tested			
3.3	4464	224	27	Not Tested			
3.4	6579	152	23	1	1	100.00%	DETECTED
3.5	5618	178	27	Not Tested			
3.5	5747	174	24	Not Tested			
3.7	6623	151	23	1	1	100.00%	DETECTED
3.8	6623	151	29	Not Tested			
3.8	4785	209	24	Not Tested			
3.9	6061	165	24	1	1	100.00%	DETECTED
4.1	4739	211	24	Not Tested			
4.1	5587	179	28	Not Tested			
4.2	6024	166	23	1	1	100.00%	DETECTED
4.6	5291	189	29	Not Tested			
4.6	5556	180	29	Not Tested			
4.8	4975	201	24	1	1	100.00%	DETECTED
5	6369	157	26	Not Tested			
5	6329	158	23	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
10	2849	351	18	1	1	100.00%	DETECTED
10	2123	471	18	Not Tested			
10	4032	248	17	Not Tested			
6.4	2309	433	18	1	1	100.00%	DETECTED
6.5	4292	233	18	Not Tested			
6.7	2288	437	17	Not Tested			
6.8	2710	369	17	1	1	100.00%	DETECTED
7	2770	361	18	Not Tested			
7	4082	245	18	Not Tested			
7.3	2132	469	18	1	1	100.00%	DETECTED
7.3	2421	413	16	Not Tested			
7.4	2174	460	18	Not Tested			
7.6	2732	366	18	1	1	100.00%	DETECTED
7.6	4115	243	16	Not Tested			
7.7	4255	235	17	Not Tested			
7.8	2252	444	18	1	1	100.00%	DETECTED
7.9	3876	258	18	Not Tested			
7.9	3226	310	18	Not Tested			
8.1	2028	493	16	1	1	100.00%	DETECTED
8.1	2604	384	17	Not Tested			
8.1	3125	320	17	Not Tested			
8.2	3185	314	16	1	1	100.00%	DETECTED
8.8	4219	237	18	Not Tested			
8.8	2475	404	16	Not Tested			
9.2	3937	254	16	1	1	100.00%	DETECTED
9.4	2096	477	16	Not Tested			
9.5	2028	493	17	Not Tested			
9.7	2304	434	16	1	1	100.00%	DETECTED
9.8	2770	361	18	Not Tested			
9.9	2331	429	17	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
11.6	4902	204	12	1	1	100.00%	DETECTED
12.5	2924	342	16	Not Tested			
12.7	3861	259	13	Not Tested			
13.7	3571	280	14	1	1	100.00%	DETECTED
13.7	2488	402	12	Not Tested			
13.8	4255	235	13	Not Tested			
13.9	3257	307	16	1	1	100.00%	DETECTED
14.6	3413	293	16	Not Tested			
14.6	2611	383	16	Not Tested			
14.7	2092	478	15	1	1	100.00%	DETECTED
14.7	2358	424	15	Not Tested			
15.1	2825	354	12	Not Tested			
15.4	2519	397	15	1	1	100.00%	DETECTED
15.5	4348	230	16	Not Tested			
15.6	3861	259	16	Not Tested			
16.3	4902	204	13	1	1	100.00%	DETECTED
16.8	4878	205	12	Not Tested			
17	4049	247	12	Not Tested			
17.2	2058	486	15	1	1	100.00%	DETECTED
17.3	4651	215	14	Not Tested			
17.4	2041	490	15	Not Tested			
17.4	3704	270	12	1	1	100.00%	DETECTED
17.9	2500	400	12	Not Tested			
18.1	3165	316	12	Not Tested			
18.2	2174	460	16	1	1	100.00%	DETECTED
18.7	2967	337	14	Not Tested			
19.2	3597	278	14	Not Tested			
19.5	2012	497	15	1	1	100.00%	DETECTED
19.7	2833	353	15	Not Tested			
19.8	2398	417	15	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 5

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5498.39	1	1	100.00%	DETECTED
Type 5 #1 5501.55	Not Tested			
Type 5 #2 5502.73	Not Tested			
Type 5 #3 5503.63	1	1	100.00%	DETECTED
Type 5 #4 5504.66	Not Tested			
Type 5 #5 5502.17	Not Tested			
Type 5 #6 5497.85	1	1	100.00%	DETECTED
Type 5 #7 5503.20	Not Tested			
Type 5 #8 5496.42	Not Tested			
Type 5 #9 5495.50	1	1	100.00%	DETECTED
Type 5 #10 5501.66	Not Tested			
Type 5 #11 5501.85	Not Tested			
Type 5 #12 5495.46	1	1	100.00%	DETECTED
Type 5 #13 5498.80	Not Tested			
Type 5 #14 5496.13	Not Tested			
Type 5 #15 5499.10	1	1	100.00%	DETECTED
Type 5 #16 5495.17	Not Tested			
Type 5 #17 5504.14	Not Tested			
Type 5 #18 5502.34	1	1	100.00%	DETECTED
Type 5 #19 5495.81	Not Tested			
Type 5 #20 5504.69	Not Tested			
Type 5 #21 5502.63	1	1	100.00%	DETECTED
Type 5 #22 5503.00	Not Tested			
Type 5 #23 5500.75	Not Tested			
Type 5 #24 5496.97	1	1	100.00%	DETECTED
Type 5 #25 5498.38	Not Tested			
Type 5 #26 5503.35	Not Tested			
Type 5 #27 5503.61	1	1	100.00%	DETECTED
Type 5 #28 5503.71	Not Tested			
Type 5 #29 5500.15	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 6

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	DETECTED
Type 6 #2	Not Tested			
Type 6 #3	Not Tested			
Type 6 #4	1	1	100.00%	DETECTED
Type 6 #5	Not Tested			
Type 6 #6	Not Tested			
Type 6 #7	1	1	100.00%	DETECTED
Type 6 #8	Not Tested			
Type 6 #9	Not Tested			
Type 6 #10	1	1	100.00%	DETECTED
Type 6 #11	Not Tested			
Type 6 #12	Not Tested			
Type 6 #13	1	1	100.00%	DETECTED
Type 6 #14	Not Tested			
Type 6 #15	Not Tested			
Type 6 #16	1	1	100.00%	DETECTED
Type 6 #17	Not Tested			
Type 6 #18	Not Tested			
Type 6 #19	1	1	100.00%	DETECTED
Type 6 #20	Not Tested			
Type 6 #21	Not Tested			
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	Not Tested			
Type 6 #24	Not Tested			
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	Not Tested			
Type 6 #27	Not Tested			
Type 6 #28	1	1	100.00%	DETECTED
Type 6 #29	Not Tested			
Type 6 #30	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 0			
Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	700	1428	18	11	11	100.00%	See Agg.
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	1066	938	57	1	1	100.00%	DETECTED
1	1193	838	63	1	1	100.00%	DETECTED
1	1319	758	70	1	1	100.00%	DETECTED
1	1114	898	59	1	1	100.00%	DETECTED
1	1792	558	95	1	1	100.00%	DETECTED
1	326	3066	18	1	1	100.00%	DETECTED
1	1730	578	92	1	1	100.00%	DETECTED
1	1567	638	83	1	1	100.00%	DETECTED
1	1355	738	72	1	1	100.00%	DETECTED
1	1520	658	81	1	1	100.00%	DETECTED
1	1859	538	99	1	1	100.00%	DETECTED
1	1166	858	62	1	1	100.00%	DETECTED
1	1089	918	58	1	1	100.00%	DETECTED
1	1475	678	78	1	1	100.00%	DETECTED
1	1672	598	89	1	1	100.00%	DETECTED
1	735	1361	39	1	1	100.00%	DETECTED
1	1024	977	55	1	1	100.00%	DETECTED
1	729	1371	39	1	1	100.00%	DETECTED
1	373	2682	20	1	1	100.00%	DETECTED
1	1675	597	89	1	1	100.00%	DETECTED
1	1389	720	74	1	1	100.00%	DETECTED
1	514	1946	28	1	1	100.00%	DETECTED
1	1656	604	88	1	1	100.00%	DETECTED
1	715	1398	38	1	1	100.00%	DETECTED
1	614	1629	33	1	1	100.00%	DETECTED
1	1408	710	75	1	1	100.00%	DETECTED
1	478	2091	26	1	1	100.00%	DETECTED
1	553	1809	30	1	1	100.00%	DETECTED
1	355	2819	19	1	1	100.00%	DETECTED
1	433	2308	23	1	1	100.00%	DETECTED
			Aggregate:	**30.00**	**30.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1.2	4762	210	26	1	1	100.00%	DETECTED
1.2	4630	216	26	Not Tested			
1.5	5587	179	26	Not Tested			
1.7	5376	186	25	1	1	100.00%	DETECTED
1.7	4831	207	29	Not Tested			
1.9	4902	204	25	Not Tested			
2	6410	156	23	1	1	100.00%	DETECTED
2.1	5747	174	24	Not Tested			
2.3	5236	191	29	Not Tested			
2.5	4505	222	23	1	1	100.00%	DETECTED
2.6	4367	229	23	Not Tested			
2.6	6098	164	25	Not Tested			
2.7	5952	168	27	1	1	100.00%	DETECTED
2.9	5102	196	25	Not Tested			
3.3	4464	224	27	Not Tested			
3.4	6579	152	23	1	1	100.00%	DETECTED
3.5	5618	178	27	Not Tested			
3.5	5747	174	24	Not Tested			
3.7	6623	151	23	1	1	100.00%	DETECTED
3.8	6623	151	29	Not Tested			
3.8	4785	209	24	Not Tested			
3.9	6061	165	24	1	1	100.00%	DETECTED
4.1	4739	211	24	Not Tested			
4.1	5587	179	28	Not Tested			
4.2	6024	166	23	1	1	100.00%	DETECTED
4.6	5291	189	29	Not Tested			
4.6	5556	180	29	Not Tested			
4.8	4975	201	24	1	1	100.00%	DETECTED
5	6369	157	26	Not Tested			
5	6329	158	23	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
10	2849	351	18	1	1	100.00%	DETECTED
10	2123	471	18	Not Tested			
10	4032	248	17	Not Tested			
6.4	2309	433	18	1	1	100.00%	DETECTED
6.5	4292	233	18	Not Tested			
6.7	2288	437	17	Not Tested			
6.8	2710	369	17	1	1	100.00%	DETECTED
7	2770	361	18	Not Tested			
7	4082	245	18	Not Tested			
7.3	2132	469	18	1	1	100.00%	DETECTED
7.3	2421	413	16	Not Tested			
7.4	2174	460	18	Not Tested			
7.6	2732	366	18	1	1	100.00%	DETECTED
7.6	4115	243	16	Not Tested			
7.7	4255	235	17	Not Tested			
7.8	2252	444	18	1	1	100.00%	DETECTED
7.9	3876	258	18	Not Tested			
7.9	3226	310	18	Not Tested			
8.1	2028	493	16	1	1	100.00%	DETECTED
8.1	2604	384	17	Not Tested			
8.1	3125	320	17	Not Tested			
8.2	3185	314	16	1	1	100.00%	DETECTED
8.8	4219	237	18	Not Tested			
8.8	2475	404	16	Not Tested			
9.2	3937	254	16	1	1	100.00%	DETECTED
9.4	2096	477	16	Not Tested			
9.5	2028	493	17	Not Tested			
9.7	2304	434	16	1	1	100.00%	DETECTED
9.8	2770	361	18	Not Tested			
9.9	2331	429	17	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
11.6	4902	204	12	1	1	100.00%	DETECTED
12.5	2924	342	16	Not Tested			
12.7	3861	259	13	Not Tested			
13.7	3571	280	14	1	1	100.00%	DETECTED
13.7	2488	402	12	Not Tested			
13.8	4255	235	13	Not Tested			
13.9	3257	307	16	1	1	100.00%	DETECTED
14.6	3413	293	16	Not Tested			
14.6	2611	383	16	Not Tested			
14.7	2092	478	15	1	1	100.00%	DETECTED
14.7	2358	424	15	Not Tested			
15.1	2825	354	12	Not Tested			
15.4	2519	397	15	1	1	100.00%	DETECTED
15.5	4348	230	16	Not Tested			
15.6	3861	259	16	Not Tested			
16.3	4902	204	13	1	1	100.00%	DETECTED
16.8	4878	205	12	Not Tested			
17	4049	247	12	Not Tested			
17.2	2058	486	15	1	1	100.00%	DETECTED
17.3	4651	215	14	Not Tested			
17.4	2041	490	15	Not Tested			
17.4	3704	270	12	1	1	100.00%	DETECTED
17.9	2500	400	12	Not Tested			
18.1	3165	316	12	Not Tested			
18.2	2174	460	16	1	1	100.00%	DETECTED
18.7	2967	337	14	Not Tested			
19.2	3597	278	14	Not Tested			
19.5	2012	497	15	1	1	100.00%	DETECTED
19.7	2833	353	15	Not Tested			
19.8	2398	417	15	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 5

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5492.75	1	1	100.00%	DETECTED
Type 5 #1 5491.82	Not Tested			
Type 5 #2 5491.87	Not Tested			
Type 5 #3 5504.47	1	1	100.00%	DETECTED
Type 5 #4 5501.21	Not Tested			
Type 5 #5 5496.79	Not Tested			
Type 5 #6 5505.75	1	1	100.00%	DETECTED
Type 5 #7 5509.12	Not Tested			
Type 5 #8 5504.23	Not Tested			
Type 5 #9 5506.20	1	1	100.00%	DETECTED
Type 5 #10 5505.75	Not Tested			
Type 5 #11 5505.50	Not Tested			
Type 5 #12 5494.00	1	1	100.00%	DETECTED
Type 5 #13 5504.62	Not Tested			
Type 5 #14 5493.05	Not Tested			
Type 5 #15 5496.19	1	1	100.00%	DETECTED
Type 5 #16 5506.77	Not Tested			
Type 5 #17 5493.07	Not Tested			
Type 5 #18 5492.76	1	1	100.00%	DETECTED
Type 5 #19 5504.36	Not Tested			
Type 5 #20 5497.41	Not Tested			
Type 5 #21 5506.88	1	1	100.00%	DETECTED
Type 5 #22 5502.67	Not Tested			
Type 5 #23 5506.31	Not Tested			
Type 5 #24 5507.51	1	1	100.00%	DETECTED
Type 5 #25 5490.08	Not Tested			
Type 5 #26 5502.75	Not Tested			
Type 5 #27 5492.39	1	1	100.00%	DETECTED
Type 5 #28 5500.58	Not Tested			
Type 5 #29 5508.45	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 6

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	DETECTED
Type 6 #2	Not Tested			
Type 6 #3	Not Tested			
Type 6 #4	1	1	100.00%	DETECTED
Type 6 #5	Not Tested			
Type 6 #6	Not Tested			
Type 6 #7	1	1	100.00%	DETECTED
Type 6 #8	Not Tested			
Type 6 #9	Not Tested			
Type 6 #10	1	1	100.00%	DETECTED
Type 6 #11	Not Tested			
Type 6 #12	Not Tested			
Type 6 #13	1	1	100.00%	DETECTED
Type 6 #14	Not Tested			
Type 6 #15	Not Tested			
Type 6 #16	1	1	100.00%	DETECTED
Type 6 #17	Not Tested			
Type 6 #18	Not Tested			
Type 6 #19	1	1	100.00%	DETECTED
Type 6 #20	Not Tested			
Type 6 #21	Not Tested			
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	Not Tested			
Type 6 #24	Not Tested			
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	Not Tested			
Type 6 #27	Not Tested			
Type 6 #28	1	1	100.00%	DETECTED
Type 6 #29	Not Tested			
Type 6 #30	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 0			
Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	700	1428	18	11	11	100.00%	See Agg.
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	1066	938	57	1	1	100.00%	DETECTED
1	1193	838	63	1	1	100.00%	DETECTED
1	1319	758	70	1	1	100.00%	DETECTED
1	1114	898	59	1	1	100.00%	DETECTED
1	1792	558	95	1	1	100.00%	DETECTED
1	326	3066	18	1	1	100.00%	DETECTED
1	1730	578	92	1	1	100.00%	DETECTED
1	1567	638	83	1	1	100.00%	DETECTED
1	1355	738	72	1	1	100.00%	DETECTED
1	1520	658	81	1	1	100.00%	DETECTED
1	1859	538	99	1	1	100.00%	DETECTED
1	1166	858	62	1	1	100.00%	DETECTED
1	1089	918	58	1	1	100.00%	DETECTED
1	1475	678	78	1	1	100.00%	DETECTED
1	1672	598	89	1	1	100.00%	DETECTED
1	735	1361	39	1	1	100.00%	DETECTED
1	1024	977	55	1	1	100.00%	DETECTED
1	729	1371	39	1	1	100.00%	DETECTED
1	373	2682	20	1	1	100.00%	DETECTED
1	1675	597	89	1	1	100.00%	DETECTED
1	1389	720	74	1	1	100.00%	DETECTED
1	514	1946	28	1	1	100.00%	DETECTED
1	1656	604	88	1	1	100.00%	DETECTED
1	715	1398	38	1	1	100.00%	DETECTED
1	614	1629	33	1	1	100.00%	DETECTED
1	1408	710	75	1	1	100.00%	DETECTED
1	478	2091	26	1	1	100.00%	DETECTED
1	553	1809	30	1	1	100.00%	DETECTED
1	355	2819	19	1	1	100.00%	DETECTED
1	433	2308	23	1	1	100.00%	DETECTED
			Aggregate:	**30.00**	**30.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1.2	4762	210	26	1	1	100.00%	DETECTED
1.2	4630	216	26	Not Tested			
1.5	5587	179	26	Not Tested			
1.7	5376	186	25	1	1	100.00%	DETECTED
1.7	4831	207	29	Not Tested			
1.9	4902	204	25	Not Tested			
2	6410	156	23	1	1	100.00%	DETECTED
2.1	5747	174	24	Not Tested			
2.3	5236	191	29	Not Tested			
2.5	4505	222	23	1	1	100.00%	DETECTED
2.6	4367	229	23	Not Tested			
2.6	6098	164	25	Not Tested			
2.7	5952	168	27	1	1	100.00%	DETECTED
2.9	5102	196	25	Not Tested			
3.3	4464	224	27	Not Tested			
3.4	6579	152	23	1	1	100.00%	DETECTED
3.5	5618	178	27	Not Tested			
3.5	5747	174	24	Not Tested			
3.7	6623	151	23	1	1	100.00%	DETECTED
3.8	6623	151	29	Not Tested			
3.8	4785	209	24	Not Tested			
3.9	6061	165	24	1	1	100.00%	DETECTED
4.1	4739	211	24	Not Tested			
4.1	5587	179	28	Not Tested			
4.2	6024	166	23	1	1	100.00%	DETECTED
4.6	5291	189	29	Not Tested			
4.6	5556	180	29	Not Tested			
4.8	4975	201	24	1	1	100.00%	DETECTED
5	6369	157	26	Not Tested			
5	6329	158	23	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
10	2849	351	18	1	1	100.00%	DETECTED
10	2123	471	18	Not Tested			
10	4032	248	17	Not Tested			
6.4	2309	433	18	1	1	100.00%	DETECTED
6.5	4292	233	18	Not Tested			
6.7	2288	437	17	Not Tested			
6.8	2710	369	17	1	1	100.00%	DETECTED
7	2770	361	18	Not Tested			
7	4082	245	18	Not Tested			
7.3	2132	469	18	1	1	100.00%	DETECTED
7.3	2421	413	16	Not Tested			
7.4	2174	460	18	Not Tested			
7.6	2732	366	18	1	1	100.00%	DETECTED
7.6	4115	243	16	Not Tested			
7.7	4255	235	17	Not Tested			
7.8	2252	444	18	1	1	100.00%	DETECTED
7.9	3876	258	18	Not Tested			
7.9	3226	310	18	Not Tested			
8.1	2028	493	16	1	1	100.00%	DETECTED
8.1	2604	384	17	Not Tested			
8.1	3125	320	17	Not Tested			
8.2	3185	314	16	1	1	100.00%	DETECTED
8.8	4219	237	18	Not Tested			
8.8	2475	404	16	Not Tested			
9.2	3937	254	16	1	1	100.00%	DETECTED
9.4	2096	477	16	Not Tested			
9.5	2028	493	17	Not Tested			
9.7	2304	434	16	1	1	100.00%	DETECTED
9.8	2770	361	18	Not Tested			
9.9	2331	429	17	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
11.6	4902	204	12	1	1	100.00%	DETECTED
12.5	2924	342	16	Not Tested			
12.7	3861	259	13	Not Tested			
13.7	3571	280	14	1	1	100.00%	DETECTED
13.7	2488	402	12	Not Tested			
13.8	4255	235	13	Not Tested			
13.9	3257	307	16	1	1	100.00%	DETECTED
14.6	3413	293	16	Not Tested			
14.6	2611	383	16	Not Tested			
14.7	2092	478	15	1	1	100.00%	DETECTED
14.7	2358	424	15	Not Tested			
15.1	2825	354	12	Not Tested			
15.4	2519	397	15	1	1	100.00%	DETECTED
15.5	4348	230	16	Not Tested			
15.6	3861	259	16	Not Tested			
16.3	4902	204	13	1	1	100.00%	DETECTED
16.8	4878	205	12	Not Tested			
17	4049	247	12	Not Tested			
17.2	2058	486	15	1	1	100.00%	DETECTED
17.3	4651	215	14	Not Tested			
17.4	2041	490	15	Not Tested			
17.4	3704	270	12	1	1	100.00%	DETECTED
17.9	2500	400	12	Not Tested			
18.1	3165	316	12	Not Tested			
18.2	2174	460	16	1	1	100.00%	DETECTED
18.7	2967	337	14	Not Tested			
19.2	3597	278	14	Not Tested			
19.5	2012	497	15	1	1	100.00%	DETECTED
19.7	2833	353	15	Not Tested			
19.8	2398	417	15	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 5

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5496.97	1	1	100.00%	DETECTED
Type 5 #1 5503.74	Not Tested			
Type 5 #2 5524.17	Not Tested			
Type 5 #3 5525.96	1	1	100.00%	DETECTED
Type 5 #4 5519.63	Not Tested			
Type 5 #5 5518.91	Not Tested			
Type 5 #6 5528.00	1	1	100.00%	DETECTED
Type 5 #7 5508.15	Not Tested			
Type 5 #8 5502.02	Not Tested			
Type 5 #9 5509.98	1	1	100.00%	DETECTED
Type 5 #10 5503.40	Not Tested			
Type 5 #11 5495.32	Not Tested			
Type 5 #12 5506.12	1	1	100.00%	DETECTED
Type 5 #13 5510.61	Not Tested			
Type 5 #14 5526.63	Not Tested			
Type 5 #15 5495.95	1	1	100.00%	DETECTED
Type 5 #16 5514.21	Not Tested			
Type 5 #17 5501.80	Not Tested			
Type 5 #18 5499.23	1	1	100.00%	DETECTED
Type 5 #19 5529.75	Not Tested			
Type 5 #20 5502.52	Not Tested			
Type 5 #21 5494.16	1	1	100.00%	DETECTED
Type 5 #22 5491.03	Not Tested			
Type 5 #23 5525.79	Not Tested			
Type 5 #24 5522.65	1	1	100.00%	DETECTED
Type 5 #25 5522.86	Not Tested			
Type 5 #26 5494.19	Not Tested			
Type 5 #27 5512.30	1	1	100.00%	DETECTED
Type 5 #28 5529.94	Not Tested			
Type 5 #29 5527.42	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 6

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar Type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	DETECTED
Type 6 #2	Not Tested			
Type 6 #3	Not Tested			
Type 6 #4	1	1	100.00%	DETECTED
Type 6 #5	Not Tested			
Type 6 #6	Not Tested			
Type 6 #7	1	1	100.00%	DETECTED
Type 6 #8	Not Tested			
Type 6 #9	Not Tested			
Type 6 #10	1	1	100.00%	DETECTED
Type 6 #11	Not Tested			
Type 6 #12	Not Tested			
Type 6 #13	1	1	100.00%	DETECTED
Type 6 #14	Not Tested			
Type 6 #15	Not Tested			
Type 6 #16	1	1	100.00%	DETECTED
Type 6 #17	Not Tested			
Type 6 #18	Not Tested			
Type 6 #19	1	1	100.00%	DETECTED
Type 6 #20	Not Tested			
Type 6 #21	Not Tested			
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	Not Tested			
Type 6 #24	Not Tested			
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	Not Tested			
Type 6 #27	Not Tested			
Type 6 #28	1	1	100.00%	DETECTED
Type 6 #29	Not Tested			
Type 6 #30	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 0			
Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	700	1428	18	10	10	100.00%	See Agg.
			Aggregate:	**10.00**	**10.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 1

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1	1066	938	57	1	1	100.00%	DETECTED
1	1193	838	63	1	1	100.00%	DETECTED
1	1319	758	70	1	1	100.00%	DETECTED
1	1114	898	59	1	1	100.00%	DETECTED
1	1792	558	95	1	1	100.00%	DETECTED
1	326	3066	18	1	1	100.00%	DETECTED
1	1730	578	92	1	1	100.00%	DETECTED
1	1567	638	83	1	1	100.00%	DETECTED
1	1355	738	72	1	1	100.00%	DETECTED
1	1520	658	81	1	1	100.00%	DETECTED
1	1859	538	99	1	1	100.00%	DETECTED
1	1166	858	62	1	1	100.00%	DETECTED
1	1089	918	58	1	1	100.00%	DETECTED
1	1475	678	78	1	1	100.00%	DETECTED
1	1672	598	89	1	1	100.00%	DETECTED
1	735	1361	39	1	1	100.00%	DETECTED
1	1024	977	55	1	1	100.00%	DETECTED
1	729	1371	39	1	1	100.00%	DETECTED
1	373	2682	20	1	1	100.00%	DETECTED
1	1675	597	89	1	1	100.00%	DETECTED
1	1389	720	74	1	1	100.00%	DETECTED
1	514	1946	28	1	1	100.00%	DETECTED
1	1656	604	88	1	1	100.00%	DETECTED
1	715	1398	38	1	1	100.00%	DETECTED
1	614	1629	33	1	1	100.00%	DETECTED
1	1408	710	75	1	1	100.00%	DETECTED
1	478	2091	26	1	1	100.00%	DETECTED
1	553	1809	30	1	1	100.00%	DETECTED
1	355	2819	19	1	1	100.00%	DETECTED
1	433	2308	23	1	1	100.00%	DETECTED
			Aggregate:	**30.00**	**30.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 2

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
1.2	4762	210	26	1	1	100.00%	DETECTED
1.2	4630	216	26	Not Tested			
1.5	5587	179	26	Not Tested			
1.7	5376	186	25	1	1	100.00%	DETECTED
1.7	4831	207	29	Not Tested			
1.9	4902	204	25	Not Tested			
2	6410	156	23	1	1	100.00%	DETECTED
2.1	5747	174	24	Not Tested			
2.3	5236	191	29	Not Tested			
2.5	4505	222	23	1	1	100.00%	DETECTED
2.6	4367	229	23	Not Tested			
2.6	6098	164	25	Not Tested			
2.7	5952	168	27	1	1	100.00%	DETECTED
2.9	5102	196	25	Not Tested			
3.3	4464	224	27	Not Tested			
3.4	6579	152	23	1	1	100.00%	DETECTED
3.5	5618	178	27	Not Tested			
3.5	5747	174	24	Not Tested			
3.7	6623	151	23	1	1	100.00%	DETECTED
3.8	6623	151	29	Not Tested			
3.8	4785	209	24	Not Tested			
3.9	6061	165	24	1	1	100.00%	DETECTED
4.1	4739	211	24	Not Tested			
4.1	5587	179	28	Not Tested			
4.2	6024	166	23	1	1	100.00%	DETECTED
4.6	5291	189	29	Not Tested			
4.6	5556	180	29	Not Tested			
4.8	4975	201	24	1	1	100.00%	DETECTED
5	6369	157	26	Not Tested			
5	6329	158	23	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 3

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
10	2849	351	18	1	1	100.00%	DETECTED
10	2123	471	18	Not Tested			
10	4032	248	17	Not Tested			
6.4	2309	433	18	1	1	100.00%	DETECTED
6.5	4292	233	18	Not Tested			
6.7	2288	437	17	Not Tested			
6.8	2710	369	17	1	1	100.00%	DETECTED
7	2770	361	18	Not Tested			
7	4082	245	18	Not Tested			
7.3	2132	469	18	1	1	100.00%	DETECTED
7.3	2421	413	16	Not Tested			
7.4	2174	460	18	Not Tested			
7.6	2732	366	18	1	1	100.00%	DETECTED
7.6	4115	243	16	Not Tested			
7.7	4255	235	17	Not Tested			
7.8	2252	444	18	1	1	100.00%	DETECTED
7.9	3876	258	18	Not Tested			
7.9	3226	310	18	Not Tested			
8.1	2028	493	16	1	1	100.00%	DETECTED
8.1	2604	384	17	Not Tested			
8.1	3125	320	17	Not Tested			
8.2	3185	314	16	1	1	100.00%	DETECTED
8.8	4219	237	18	Not Tested			
8.8	2475	404	16	Not Tested			
9.2	3937	254	16	1	1	100.00%	DETECTED
9.4	2096	477	16	Not Tested			
9.5	2028	493	17	Not Tested			
9.7	2304	434	16	1	1	100.00%	DETECTED
9.8	2770	361	18	Not Tested			
9.9	2331	429	17	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 4

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
11.6	4902	204	12	1	1	100.00%	DETECTED
12.5	2924	342	16	Not Tested			
12.7	3861	259	13	Not Tested			
13.7	3571	280	14	1	1	100.00%	DETECTED
13.7	2488	402	12	Not Tested			
13.8	4255	235	13	Not Tested			
13.9	3257	307	16	1	1	100.00%	DETECTED
14.6	3413	293	16	Not Tested			
14.6	2611	383	16	Not Tested			
14.7	2092	478	15	1	1	100.00%	DETECTED
14.7	2358	424	15	Not Tested			
15.1	2825	354	12	Not Tested			
15.4	2519	397	15	1	1	100.00%	DETECTED
15.5	4348	230	16	Not Tested			
15.6	3861	259	16	Not Tested			
16.3	4902	204	13	1	1	100.00%	DETECTED
16.8	4878	205	12	Not Tested			
17	4049	247	12	Not Tested			
17.2	2058	486	15	1	1	100.00%	DETECTED
17.3	4651	215	14	Not Tested			
17.4	2041	490	15	Not Tested			
17.4	3704	270	12	1	1	100.00%	DETECTED
17.9	2500	400	12	Not Tested			
18.1	3165	316	12	Not Tested			
18.2	2174	460	16	1	1	100.00%	DETECTED
18.7	2967	337	14	Not Tested			
19.2	3597	278	14	Not Tested			
19.5	2012	497	15	1	1	100.00%	DETECTED
19.7	2833	353	15	Not Tested			
19.8	2398	417	15	1	1	100.00%	DETECTED
			Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 5

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Radar type was spot checked for FCC update		

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5497.72	1	1	100.00%	DETECTED
Type 5 #1 5502.36	Not Tested			
Type 5 #2 5499.71	Not Tested			
Type 5 #3 5498.39	1	1	100.00%	DETECTED
Type 5 #4 5499.33	Not Tested			
Type 5 #5 5500.39	Not Tested			
Type 5 #6 5500.41	1	1	100.00%	DETECTED
Type 5 #7 5498.44	Not Tested			
Type 5 #8 5502.39	Not Tested			
Type 5 #9 5499.02	1	1	100.00%	DETECTED
Type 5 #10 5500.04	Not Tested			
Type 5 #11 5501.97	Not Tested			
Type 5 #12 5499.52	1	1	100.00%	DETECTED
Type 5 #13 5501.99	Not Tested			
Type 5 #14 5500.29	Not Tested			
Type 5 #15 5501.27	1	1	100.00%	DETECTED
Type 5 #16 5501.64	Not Tested			
Type 5 #17 5502.46	Not Tested			
Type 5 #18 5498.80	1	1	100.00%	DETECTED
Type 5 #19 5499.08	Not Tested			
Type 5 #20 5498.53	Not Tested			
Type 5 #21 5497.67	1	1	100.00%	DETECTED
Type 5 #22 5498.97	Not Tested			
Type 5 #23 5498.67	Not Tested			
Type 5 #24 5500.98	1	1	100.00%	DETECTED
Type 5 #25 5502.20	Not Tested			
Type 5 #26 5498.57	Not Tested			
Type 5 #27 5500.24	1	1	100.00%	DETECTED
Type 5 #28 5502.35	Not Tested			
Type 5 #29 5501.30	1	1	100.00%	DETECTED
Aggregate:	**11.00**	**11.00**	**100.00%**	**Pass**

Equipment Configuration for Radar Type 6

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:	Did not pass the spot check so all 30 injections were made		

Test Measurement Results

Burst Segment	Detections	Injection #	Detection Rate	Pass/Fail
Type 6 #1	1	1	100.00%	DETECTED
Type 6 #2	1	1	100.00%	DETECTED
Type 6 #3	1	1	100.00%	DETECTED
Type 6 #4	1	1	100.00%	DETECTED
Type 6 #5	1	1	100.00%	DETECTED
Type 6 #6	1	1	100.00%	DETECTED
Type 6 #7	1	1	100.00%	DETECTED
Type 6 #8	1	0	0.00%	NOT DETECTED
Type 6 #9	1	1	100.00%	DETECTED
Type 6 #10	1	1	100.00%	DETECTED
Type 6 #11	1	1	100.00%	DETECTED
Type 6 #12	1	1	100.00%	DETECTED
Type 6 #13	1	1	100.00%	DETECTED
Type 6 #14	1	1	100.00%	DETECTED
Type 6 #15	1	1	100.00%	DETECTED
Type 6 #16	1	1	100.00%	DETECTED
Type 6 #17	1	1	100.00%	DETECTED
Type 6 #18	1	1	100.00%	DETECTED
Type 6 #19	1	1	100.00%	DETECTED
Type 6 #20	1	1	100.00%	DETECTED
Type 6 #21	1	0	0.00%	NOT DETECTED
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	1	0	0.00%	NOT DETECTED
Type 6 #24	1	0	0.00%	NOT DETECTED
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	1	0	0.00%	NOT DETECTED
Type 6 #27	1	1	100.00%	DETECTED
Type 6 #28	1	1	100.00%	DETECTED
Type 6 #29	1	1	100.00%	DETECTED
Type 6 #30	1	0	0.00%	NOT DETECTED
Aggregate:	**30.00**	**24.00**	**80.00%**	**Pass**

9.1.5. Detection Bandwidth

To determine the equipment Detection Bandwidth for each applicable operational mode a single burst of the short pulse radar Type 0 was produced at the appropriate power level. The EUT was set up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.

To determine the actual receiver bandwidth a single radar burst is generated for a minimum of 10 trials and the response of the EUT noted. The EUT must detect the Radar Waveform until it fails to detect, at this point testing is stopped and the frequency noted.

Starting from the actual channel center frequency the radar frequency is increased in 5 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The test procedure is then repeated for the previous 5 MHz in 1 MHz steps. The highest frequency at which detection is greater than or equal to 90% is denoted as FH.

The radar frequency is decreased in 5 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as FL.

The U-NII Detection Bandwidth is calculated as follows:
U-NII Detection Bandwidth = FH – FL

The U-NII Detection Bandwidth must meet the U-NII Detection Bandwidth criterion specified. Otherwise, the UUT does not comply with DFS requirements. This is essential to ensure that the UUT is capable of detecting Radar Waveforms across the same frequency spectrum that contains the significant energy from the system. In the case that the U-NII Detection Bandwidth is greater than or equal to the 99% power bandwidth for the measured FH and FL, the test can be truncated and the U-NII Detection Bandwidth can be reported as the measured FH and FL

Equipment Configuration for Detection Bandwidth

Variant:	10 MHz	**Duty Cycle (%):**	37.00
Data Rate:	25 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Detection Rate	Result
5490 MHz	10	0		
5491 MHz	10	0		
5492 MHz	10	0		
5493 MHz	10	0		
5494 MHz	10	10	100.00%	Pass
5495 MHz	10	10	100.00%	Pass
5500	10	10	100.00%	Pass
5505 MHz	10	10	100.00%	Pass
5506 MHz	10	10	100.00%	Pass
5507 MHz	10	0		
5508 MHz	10	0		
5509 MHz	10	0		
5510 MHz	10	0		

Equipment Configuration for Detection Bandwidth

Variant:	20 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Detection Rate	Result
5485 MHz	10	0		
5486 MHz	10	0		
5487 MHz	10	0		
5488 MHz	10	5	50.00%	Fail
5489 MHz	10	10	100.00%	Pass
5490 MHz	10	10	100.00%	Pass
5495 MHz	10	10	100.00%	Pass
5500	10	10	100.00%	Pass
5505 MHz	10	10	100.00%	Pass
5510 MHz	10	10	100.00%	Pass
5511 MHz	10	10	100.00%	Pass
5512 MHz	10	5	50.00%	Fail
5513 MHz	10	0		
5514 MHz	10	0		
5515 MHz	10	0		

Equipment Configuration for Detection Bandwidth

Variant:	40 MHz	**Duty Cycle (%):**	37.00
Data Rate:	51.7 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5510.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Detection Rate	Result
5485 MHz	10	0		
5486 MHz	10	1	10.00%	Fail
5487 MHz	10	5	50.00%	Fail
5488 MHz	10	10	100.00%	Pass
5489 MHz	10	10	100.00%	Pass
5490 MHz	10	10	100.00%	Pass
5495 MHz	10	10	100.00%	Pass
5500 MHz	10	10	100.00%	Pass
5505 MHz	10	10	100.00%	Pass
5510	10	10	100.00%	Pass
5515 MHz	10	10	100.00%	Pass
5520 MHz	10	10	100.00%	Pass
5525 MHz	10	10	100.00%	Pass
5530 MHz	10	10	100.00%	Pass
5531 MHz	10	10	100.00%	Pass
5532 MHz	10	10	100.00%	Pass
5533 MHz	10	6	60.00%	Fail
5534 MHz	10	1	10.00%	Fail
5535 MHz	10	0		

Equipment Configuration for Detection Bandwidth

Variant:	5 MHz	**Duty Cycle (%):**	37.00
Data Rate:	9.5 Mbit/s	**Antenna Gain (dBi):**	0.00
Modulation:	OFDM	**Beam Forming Gain (Y):**	Not Applicable
Channel Frequency:	5500.00 MHz	**Tested By:**	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Detection Rate	Result
5495 MHz	10	0		
5496 MHz	10	0		
5497 MHz	10	10	100.00%	Pass
5498 MHz	10	10	100.00%	Pass
5499 MHz	10	10	100.00%	Pass
5500	10	10	100.00%	Pass
5501 MHz	10	10	100.00%	Pass
5502 MHz	10	10	100.00%	Pass
5503 MHz	10	10	100.00%	Pass
5504 MHz	10	6	60.00%	Fail
5505 MHz	10	0		

APPENDIX A – RADAR TYPES 5 & 6 CONFIGURATION TABLES

Type 5 #0 5498.39 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	345298	51	0	0	360533	705882
2	3	9	483677	55	1731	1541	218768	705882
3	1	8	284931	74	0	0	420877	705882
4	1	9	299872	61	0	0	405949	705882
5	3	15	179360	64	1740	1723	522867	705882
6	3	12	351680	60	1193	1985	350844	705882
7	2	16	289924	54	1692	0	414158	705882
8	3	9	259755	93	1081	1655	443112	705882
9	2	18	580143	71	1671	0	123926	705882
10	1	5	310936	52	0	0	394894	705882
11	3	6	321666	82	1819	1032	381119	705882
12	1	14	338215	65	0	0	367602	705882
13	2	16	179835	55	1040	0	524897	705882
14	1	13	700090	89	0	0	5703	705882
15	2	5	185192	68	1344	0	519210	705882
16	3	10	29159	64	1901	1584	673046	705882
17	1	7	383945	71	0	0	321866	705882

Type 5 #3 5503.63 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	1153897	98	1834	1505	342470	1500000
2	3	20	91373	77	1512	1097	1405787	1500000
3	1	7	930989	58	0	0	568953	1500000
4	2	18	989703	95	1010	0	509097	1500000
5	2	11	757329	73	1121	0	741404	1500000
6	2	14	1372567	51	1122	0	126209	1500000
7	1	13	1213484	93	0	0	286423	1500000
8	3	9	782173	66	1556	1688	714385	1500000

Type 5 #6 5497.85 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	428632	89	1843	1185	168073	600000
2	2	9	106808	52	1568	0	491520	600000
3	2	13	455179	88	1687	0	142958	600000
4	3	9	222496	96	1183	1806	374227	600000
5	2	17	154609	88	1034	0	444181	600000
6	3	6	355033	95	1445	1951	241286	600000
7	3	15	262601	63	1497	1642	334071	600000
8	3	11	38114	86	1137	1269	559222	600000
9	1	13	56980	74	0	0	542946	600000
10	2	8	380967	67	1211	0	217688	600000
11	1	9	460637	75	0	0	139288	600000
12	1	12	356484	57	0	0	243459	600000
13	1	6	136783	61	0	0	463156	600000
14	3	9	130825	96	1043	1264	466580	600000
15	2	12	141104	67	1413	0	457349	600000
16	1	17	330030	85	0	0	269885	600000
17	3	12	440928	91	1717	1225	155857	600000
18	3	17	364150	84	1368	1729	232501	600000
19	1	6	144599	74	0	0	455327	600000
20	3	18	174710	57	1110	1565	422444	600000

Type 5 #9 5495.50 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	676496	97	1784	0	27408	705882
2	1	13	135938	69	0	0	569875	705882
3	3	6	347407	83	1692	1730	354804	705882
4	2	20	16820	63	1740	0	687196	705882
5	2	10	482574	100	1736	0	221372	705882
6	1	13	454062	58	0	0	251762	705882
7	1	13	195765	95	0	0	510022	705882
8	3	17	575454	61	1029	1765	127451	705882
9	1	18	584522	79	0	0	121281	705882
10	2	9	653930	94	1030	0	50734	705882
11	3	16	454369	87	1858	1829	247565	705882
12	1	14	54595	69	0	0	651218	705882
13	1	20	605836	90	0	0	99956	705882
14	3	19	510125	52	1139	1846	192616	705882

15	2	15	85715	87	1503	0	618490	705882
16	3	14	612095	72	1166	1700	90705	705882
17	2	8	638362	56	1595	0	65813	705882

Type 5 #12 5495.46 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	237295	62	1886	0	851604	1090909
2	3	16	479207	83	1562	1278	608613	1090909
3	2	9	565002	59	1470	0	524319	1090909
4	1	11	438010	92	0	0	652807	1090909
5	2	14	262719	56	1285	0	826793	1090909
6	3	12	906024	83	1579	1563	181494	1090909
7	1	16	999652	84	0	0	91173	1090909
8	3	19	327587	79	1548	1149	760388	1090909
9	1	19	616624	76	0	0	474209	1090909
10	3	20	898605	74	1386	1138	189558	1090909
11	3	6	727939	68	1714	1218	359834	1090909

Type 5 #15 5499.10 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	652561	100	0	0	347339	1000000
2	2	18	913697	50	1644	0	84559	1000000
3	2	5	514885	96	1941	0	482982	1000000
4	3	14	645753	50	1577	1355	351165	1000000
5	2	6	734753	63	1895	0	263226	1000000
6	3	17	823019	77	1674	1704	173372	1000000
7	2	20	173992	50	1830	0	824078	1000000
8	3	17	590909	96	1049	1643	406111	1000000
9	1	17	513065	92	0	0	486843	1000000
10	3	7	670819	79	1873	1522	325549	1000000
11	1	19	2866	67	0	0	997067	1000000
12	3	19	51771	90	1895	1457	944607	1000000

Type 5 #18 5502.34 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	15	482843	59	1433	1789	513758	1000000
2	1	5	994429	88	0	0	5483	1000000
3	3	16	798642	97	1381	1757	197929	1000000
4	3	19	490265	85	1605	1465	506410	1000000
5	3	13	768928	52	1401	1902	227613	1000000
6	1	14	86541	54	0	0	913405	1000000
7	3	13	740273	78	1146	1617	256730	1000000
8	1	19	137906	50	0	0	862044	1000000
9	2	16	610616	63	1476	0	387782	1000000
10	2	14	187326	63	1567	0	810981	1000000
11	1	19	289381	85	0	0	710534	1000000
12	1	19	387778	81	0	0	612141	1000000

Type 5 #21 5502.63 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	529196	60	0	0	176626	705882
2	3	18	1802	50	1334	1286	701310	705882
3	2	14	422575	53	1464	0	281737	705882
4	1	20	179434	98	0	0	526350	705882
5	3	20	435089	60	1258	1567	267788	705882
6	2	13	81135	71	1073	0	623532	705882
7	1	5	520384	80	0	0	185418	705882
8	1	20	114062	95	0	0	591725	705882
9	3	16	461309	82	1687	1564	241076	705882
10	2	5	259547	81	1414	0	444759	705882
11	2	13	684530	90	1959	0	19213	705882
12	2	20	92108	64	1282	0	612364	705882
13	2	10	120378	79	1261	0	584085	705882
14	3	5	503489	96	1875	1389	198841	705882
15	1	5	441914	90	0	0	263878	705882
16	1	11	424367	76	0	0	281439	705882
17	1	10	1381	50	0	0	704451	705882

Type 5 #24 5496.97 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	588186	99	1417	0	267341	857142
2	1	18	758774	99	0	0	98269	857142
3	1	8	418887	81	0	0	438174	857142
4	2	19	475695	51	1604	0	379741	857142
5	2	6	473201	74	1941	0	381852	857142
6	1	6	131112	66	0	0	725964	857142
7	2	15	369037	62	1849	0	486132	857142
8	3	18	102061	50	1388	1730	751813	857142
9	3	20	529282	84	1369	1191	325048	857142
10	2	10	731654	83	1794	0	123528	857142
11	3	5	367300	65	1092	1705	486850	857142
12	2	15	519882	71	1084	0	336034	857142
13	1	14	205416	71	0	0	651655	857142
14	1	13	405141	59	0	0	451942	857142

Type 5 #27 5503.61 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	415161	60	0	0	184779	600000
2	2	10	79120	53	1523	0	519251	600000
3	2	17	521862	89	1457	0	76503	600000
4	3	12	111379	72	1176	1369	485860	600000
5	2	10	355510	63	1779	0	242585	600000
6	2	14	50773	97	1649	0	547384	600000
7	2	14	78339	58	1129	0	520416	600000
8	2	8	432060	67	1473	0	166333	600000
9	3	17	220803	90	1543	1785	375599	600000
10	1	18	65967	53	0	0	533980	600000
11	1	5	477426	66	0	0	122508	600000
12	2	19	58400	91	1467	0	539951	600000
13	1	17	524495	57	0	0	75448	600000
14	1	14	92105	98	0	0	507797	600000
15	1	13	60712	87	0	0	539201	600000
16	1	15	136909	85	0	0	463006	600000
17	3	17	191128	76	1994	1224	405426	600000
18	3	13	69829	88	1774	1306	526827	600000
19	3	10	82618	85	1537	1878	513712	600000
20	2	7	421224	79	1915	0	176703	600000

Type 5 #29 5500.15 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	509950	91	1963	0	154571	666666
2	1	11	347713	83	0	0	318870	666666
3	3	13	148496	91	1777	1870	514250	666666
4	2	6	145846	63	1132	0	519562	666666
5	2	16	218396	53	1675	0	446489	666666
6	2	6	371745	86	1516	0	293233	666666
7	3	12	512674	70	1509	1586	150687	666666
8	3	20	326173	99	1778	1578	336840	666666
9	3	8	434815	99	1826	1568	228160	666666
10	3	14	26256	55	1591	1734	636920	666666
11	1	5	610266	76	0	0	56324	666666
12	2	11	599093	70	1594	0	65839	666666
13	3	11	188341	54	1062	1267	475834	666666
14	2	9	235808	77	1129	0	429575	666666
15	2	8	320581	55	1778	0	344197	666666
16	2	6	266466	90	1373	0	398647	666666
17	3	15	42027	57	1431	1332	621705	666666
18	3	10	652689	97	1547	1400	10739	666666

Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5335	#02-5639	#03-5544	#04-5672	#05-5483	#06-5341	#07-5493	#08-5281	#09-5328	#10-5550
#11-5480	#12-5640	#13-5380	#14-5562	#15-5514	#16-5326	#17-5713	#18-5397	#19-5556	#20-5254
#21-5563	#22-5377	#23-5289	#24-5481	#25-5461	#26-5572	#27-5549	#28-5315	#29-5322	#30-5675
#31-5308	#32-5624	#33-5687	#34-5313	#35-5707	#36-5581	#37-5252	#38-5507	#39-5704	#40-5448
#41-5256	#42-5269	#43-5294	#44-5451	#45-5588	#46-5567	#47-5383	#48-5330	#49-5378	#50-5413
#51-5305	#52-5689	#53-5343	#54-5497	#55-5511	#56-5505	#57-5441	#58-5272	#59-5494	#60-5669
#61-5691	#62-5255	#63-5600	#64-5421	#65-5265	#66-5587	#67-5317	#68-5580	#69-5657	#70-5324
#71-5456	#72-5418	#73-5357	#74-5722	#75-5543	#76-5654	#77-5720	#78-5280	#79-5597	#80-5415
#81-5710	#82-5253	#83-5660	#84-5594	#85-5540	#86-5445	#87-5536	#88-5484	#89-5460	#90-5504
#91-5290	#92-5263	#93-5573	#94-5435	#95-5251	#96-5500	#97-5528	#98-5398	#99-5304	#100-5682

Type 6 #4 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5344	#02-5262	#03-5660	#04-5255	#05-5501	#06-5254	#07-5405	#08-5425	#09-5640	#10-5583
#11-5676	#12-5459	#13-5484	#14-5350	#15-5538	#16-5536	#17-5603	#18-5488	#19-5258	#20-5471
#21-5286	#22-5624	#23-5288	#24-5632	#25-5490	#26-5579	#27-5272	#28-5525	#29-5612	#30-5453
#31-5393	#32-5306	#33-5315	#34-5617	#35-5391	#36-5552	#37-5631	#38-5419	#39-5481	#40-5592
#41-5479	#42-5362	#43-5428	#44-5327	#45-5572	#46-5292	#47-5500	#48-5300	#49-5463	#50-5707
#51-5537	#52-5661	#53-5308	#54-5363	#55-5622	#56-5348	#57-5261	#58-5399	#59-5382	#60-5278
#61-5380	#62-5532	#63-5403	#64-5721	#65-5285	#66-5645	#67-5394	#68-5426	#69-5696	#70-5319
#71-5502	#72-5531	#73-5512	#74-5584	#75-5555	#76-5643	#77-5496	#78-5475	#79-5398	#80-5470
#81-5581	#82-5369	#83-5257	#84-5504	#85-5494	#86-5454	#87-5620	#88-5269	#89-5693	#90-5451
#91-5621	#92-5648	#93-5576	#94-5256	#95-5580	#96-5630	#97-5287	#98-5260	#99-5467	#100-5409

Type 6 #7 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5483	#02-5635	#03-5334	#04-5440	#05-5258	#06-5697	#07-5420	#08-5694	#09-5373	#10-5463
#11-5681	#12-5510	#13-5456	#14-5335	#15-5472	#16-5424	#17-5461	#18-5498	#19-5273	#20-5503
#21-5596	#22-5410	#23-5438	#24-5341	#25-5357	#26-5318	#27-5433	#28-5323	#29-5648	#30-5517
#31-5521	#32-5608	#33-5466	#34-5366	#35-5302	#36-5537	#37-5486	#38-5626	#39-5592	#40-5689
#41-5631	#42-5368	#43-5530	#44-5324	#45-5475	#46-5690	#47-5284	#48-5629	#49-5452	#50-5376
#51-5397	#52-5310	#53-5544	#54-5705	#55-5289	#56-5649	#57-5251	#58-5641	#59-5590	#60-5352
#61-5511	#62-5299	#63-5540	#64-5414	#65-5364	#66-5627	#67-5715	#68-5340	#69-5283	#70-5660
#71-5662	#72-5560	#73-5308	#74-5477	#75-5605	#76-5591	#77-5392	#78-5528	#79-5522	#80-5369
#81-5460	#82-5313	#83-5485	#84-5326	#85-5378	#86-5535	#87-5569	#88-5286	#89-5490	#90-5427
#91-5582	#92-5552	#93-5365	#94-5684	#95-5573	#96-5699	#97-5669	#98-5562	#99-5404	#100-5358

Type 6 #10 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5496	#02-5321	#03-5327	#04-5505	#05-5674	#06-5311	#07-5657	#08-5317	#09-5373	#10-5724
#11-5548	#12-5428	#13-5448	#14-5385	#15-5268	#16-5562	#17-5702	#18-5259	#19-5684	#20-5614
#21-5347	#22-5508	#23-5535	#24-5570	#25-5537	#26-5679	#27-5416	#28-5328	#29-5513	#30-5685
#31-5569	#32-5409	#33-5336	#34-5653	#35-5658	#36-5295	#37-5568	#38-5551	#39-5340	#40-5594
#41-5659	#42-5486	#43-5345	#44-5280	#45-5560	#46-5285	#47-5457	#48-5670	#49-5706	#50-5499
#51-5462	#52-5296	#53-5399	#54-5538	#55-5517	#56-5387	#57-5356	#58-5491	#59-5713	#60-5585
#61-5289	#62-5703	#63-5269	#64-5362	#65-5456	#66-5334	#67-5516	#68-5383	#69-5432	#70-5376
#71-5530	#72-5439	#73-5540	#74-5701	#75-5644	#76-5683	#77-5382	#78-5553	#79-5704	#80-5320
#81-5671	#82-5504	#83-5370	#84-5503	#85-5633	#86-5414	#87-5708	#88-5353	#89-5625	#90-5663
#91-5366	#92-5260	#93-5372	#94-5404	#95-5550	#96-5523	#97-5629	#98-5443	#99-5258	#100-5369

Type 6 #13 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5354	#02-5410	#03-5608	#04-5704	#05-5691	#06-5531	#07-5271	#08-5524	#09-5365	#10-5322
#11-5540	#12-5362	#13-5668	#14-5663	#15-5626	#16-5646	#17-5352	#18-5274	#19-5301	#20-5706
#21-5690	#22-5554	#23-5556	#24-5671	#25-5496	#26-5336	#27-5643	#28-5660	#29-5425	#30-5538
#31-5436	#32-5321	#33-5276	#34-5286	#35-5572	#36-5312	#37-5682	#38-5420	#39-5277	#40-5649
#41-5300	#42-5630	#43-5710	#44-5601	#45-5558	#46-5416	#47-5291	#48-5677	#49-5403	#50-5283
#51-5516	#52-5433	#53-5316	#54-5525	#55-5579	#56-5661	#57-5458	#58-5605	#59-5612	#60-5349
#61-5552	#62-5610	#63-5469	#64-5335	#65-5631	#66-5341	#67-5563	#68-5688	#69-5657	#70-5722
#71-5377	#72-5656	#73-5309	#74-5568	#75-5679	#76-5310	#77-5502	#78-5476	#79-5618	#80-5472
#81-5384	#82-5530	#83-5694	#84-5296	#85-5270	#86-5686	#87-5396	#88-5689	#89-5407	#90-5716
#91-5350	#92-5652	#93-5325	#94-5453	#95-5713	#96-5471	#97-5389	#98-5257	#99-5681	#100-5624

Type 6 #16 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5619	#02-5421	#03-5312	#04-5711	#05-5489	#06-5435	#07-5716	#08-5612	#09-5555	#10-5405
#11-5423	#12-5597	#13-5721	#14-5378	#15-5556	#16-5565	#17-5371	#18-5335	#19-5427	#20-5351
#21-5376	#22-5373	#23-5268	#24-5653	#25-5599	#26-5367	#27-5476	#28-5501	#29-5431	#30-5292
#31-5637	#32-5520	#33-5286	#34-5416	#35-5395	#36-5686	#37-5710	#38-5545	#39-5564	#40-5363
#41-5598	#42-5317	#43-5542	#44-5592	#45-5558	#46-5524	#47-5617	#48-5687	#49-5345	#50-5709
#51-5506	#52-5488	#53-5341	#54-5492	#55-5298	#56-5293	#57-5307	#58-5614	#59-5490	#60-5360
#61-5374	#62-5362	#63-5510	#64-5326	#65-5684	#66-5411	#67-5603	#68-5477	#69-5349	#70-5606
#71-5650	#72-5712	#73-5503	#74-5305	#75-5451	#76-5310	#77-5290	#78-5568	#79-5583	#80-5539
#81-5380	#82-5282	#83-5670	#84-5648	#85-5346	#86-5642	#87-5561	#88-5478	#89-5324	#90-5253
#91-5473	#92-5679	#93-5281	#94-5515	#95-5562	#96-5456	#97-5333	#98-5593	#99-5609	#100-5625

Type 6 #19 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5617	#02-5624	#03-5325	#04-5421	#05-5654	#06-5271	#07-5310	#08-5478	#09-5629	#10-5353
#11-5484	#12-5701	#13-5397	#14-5368	#15-5362	#16-5434	#17-5712	#18-5613	#19-5584	#20-5345
#21-5675	#22-5304	#23-5579	#24-5538	#25-5251	#26-5435	#27-5610	#28-5422	#29-5408	#30-5580
#31-5576	#32-5476	#33-5317	#34-5400	#35-5355	#36-5360	#37-5625	#38-5643	#39-5459	#40-5363
#41-5557	#42-5305	#43-5575	#44-5542	#45-5548	#46-5703	#47-5526	#48-5351	#49-5597	#50-5286
#51-5404	#52-5489	#53-5399	#54-5384	#55-5666	#56-5570	#57-5471	#58-5607	#59-5653	#60-5560
#61-5424	#62-5470	#63-5498	#64-5632	#65-5474	#66-5330	#67-5692	#68-5256	#69-5323	#70-5336
#71-5694	#72-5375	#73-5707	#74-5536	#75-5620	#76-5453	#77-5715	#78-5272	#79-5634	#80-5509
#81-5550	#82-5371	#83-5425	#84-5327	#85-5657	#86-5458	#87-5510	#88-5614	#89-5267	#90-5623
#91-5663	#92-5501	#93-5559	#94-5558	#95-5344	#96-5524	#97-5364	#98-5416	#99-5572	#100-5296

Type 6 #22 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5281	#02-5420	#03-5516	#04-5268	#05-5603	#06-5625	#07-5695	#08-5633	#09-5351	#10-5573
#11-5635	#12-5641	#13-5339	#14-5666	#15-5605	#16-5310	#17-5468	#18-5457	#19-5358	#20-5649
#21-5438	#22-5417	#23-5304	#24-5602	#25-5258	#26-5458	#27-5356	#28-5650	#29-5684	#30-5683
#31-5711	#32-5456	#33-5518	#34-5302	#35-5669	#36-5601	#37-5474	#38-5509	#39-5279	#40-5661
#41-5526	#42-5459	#43-5341	#44-5542	#45-5407	#46-5614	#47-5551	#48-5577	#49-5554	#50-5350
#51-5589	#52-5366	#53-5639	#54-5477	#55-5594	#56-5588	#57-5707	#58-5392	#59-5435	#60-5546
#61-5291	#62-5552	#63-5592	#64-5389	#65-5408	#66-5480	#67-5502	#68-5424	#69-5441	#70-5656
#71-5674	#72-5285	#73-5383	#74-5626	#75-5418	#76-5374	#77-5604	#78-5437	#79-5646	#80-5297
#81-5519	#82-5636	#83-5535	#84-5631	#85-5721	#86-5485	#87-5579	#88-5498	#89-5373	#90-5349
#91-5415	#92-5497	#93-5403	#94-5486	#95-5638	#96-5671	#97-5259	#98-5287	#99-5515	#100-5533

Type 6 #25 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5317	#02-5427	#03-5539	#04-5679	#05-5518	#06-5348	#07-5545	#08-5418	#09-5318	#10-5380
#11-5571	#12-5724	#13-5711	#14-5486	#15-5503	#16-5326	#17-5703	#18-5473	#19-5385	#20-5496
#21-5606	#22-5454	#23-5361	#24-5615	#25-5349	#26-5483	#27-5460	#28-5630	#29-5463	#30-5639
#31-5723	#32-5569	#33-5426	#34-5302	#35-5298	#36-5549	#37-5537	#38-5489	#39-5495	#40-5602
#41-5316	#42-5399	#43-5673	#44-5408	#45-5441	#46-5342	#47-5252	#48-5336	#49-5635	#50-5708
#51-5546	#52-5334	#53-5603	#54-5407	#55-5457	#56-5445	#57-5660	#58-5583	#59-5442	#60-5465
#61-5313	#62-5657	#63-5250	#64-5391	#65-5309	#66-5450	#67-5278	#68-5403	#69-5661	#70-5621
#71-5251	#72-5253	#73-5387	#74-5554	#75-5686	#76-5667	#77-5665	#78-5292	#79-5367	#80-5627
#81-5377	#82-5406	#83-5656	#84-5273	#85-5341	#86-5424	#87-5636	#88-5409	#89-5575	#90-5433
#91-5467	#92-5672	#93-5266	#94-5381	#95-5617	#96-5699	#97-5658	#98-5337	#99-5542	#100-5671

Type 6 #28 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5621	#02-5439	#03-5385	#04-5427	#05-5591	#06-5512	#07-5551	#08-5476	#09-5720	#10-5386
#11-5518	#12-5377	#13-5634	#14-5372	#15-5670	#16-5503	#17-5555	#18-5388	#19-5648	#20-5301
#21-5260	#22-5354	#23-5722	#24-5587	#25-5257	#26-5524	#27-5638	#28-5603	#29-5552	#30-5515
#31-5532	#32-5477	#33-5688	#34-5544	#35-5334	#36-5581	#37-5452	#38-5548	#39-5664	#40-5497
#41-5311	#42-5466	#43-5328	#44-5383	#45-5355	#46-5602	#47-5588	#48-5462	#49-5475	#50-5637
#51-5394	#52-5254	#53-5517	#54-5441	#55-5522	#56-5417	#57-5583	#58-5712	#59-5597	#60-5418
#61-5596	#62-5710	#63-5624	#64-5553	#65-5585	#66-5647	#67-5353	#68-5564	#69-5709	#70-5528
#71-5674	#72-5613	#73-5643	#74-5453	#75-5651	#76-5627	#77-5646	#78-5300	#79-5390	#80-5326
#81-5610	#82-5684	#83-5276	#84-5617	#85-5308	#86-5284	#87-5689	#88-5676	#89-5297	#90-5457
#91-5397	#92-5434	#93-5410	#94-5299	#95-5252	#96-5540	#97-5323	#98-5312	#99-5305	#100-5629

Type 6 #30 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5507	#02-5703	#03-5421	#04-5345	#05-5525	#06-5709	#07-5489	#08-5360	#09-5267	#10-5261
#11-5724	#12-5344	#13-5589	#14-5619	#15-5281	#16-5322	#17-5487	#18-5402	#19-5319	#20-5675
#21-5522	#22-5315	#23-5677	#24-5253	#25-5576	#26-5541	#27-5370	#28-5472	#29-5594	#30-5255
#31-5289	#32-5605	#33-5620	#34-5445	#35-5515	#36-5347	#37-5632	#38-5365	#39-5302	#40-5637
#41-5665	#42-5693	#43-5341	#44-5250	#45-5547	#46-5435	#47-5510	#48-5661	#49-5615	#50-5358
#51-5412	#52-5469	#53-5674	#54-5418	#55-5368	#56-5613	#57-5398	#58-5256	#59-5685	#60-5463
#61-5694	#62-5424	#63-5491	#64-5699	#65-5631	#66-5579	#67-5286	#68-5266	#69-5287	#70-5582
#71-5585	#72-5279	#73-5356	#74-5623	#75-5686	#76-5590	#77-5399	#78-5496	#79-5457	#80-5460
#81-5602	#82-5603	#83-5706	#84-5683	#85-5672	#86-5658	#87-5274	#88-5516	#89-5687	#90-5381
#91-5511	#92-5577	#93-5705	#94-5536	#95-5331	#96-5578	#97-5342	#98-5375	#99-5376	#100-5539

Type 5 #0 5492.75 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	345298	51	0	0	360533	705882
2	3	9	483677	55	1731	1541	218768	705882
3	1	8	284931	74	0	0	420877	705882
4	1	9	299872	61	0	0	405949	705882
5	3	15	179360	64	1740	1723	522867	705882
6	3	12	351680	60	1193	1985	350844	705882
7	2	16	289924	54	1692	0	414158	705882
8	3	9	259755	93	1081	1655	443112	705882
9	2	18	580143	71	1671	0	123926	705882
10	1	5	310936	52	0	0	394894	705882
11	3	6	321666	82	1819	1032	381119	705882
12	1	14	338215	65	0	0	367602	705882
13	2	16	179835	55	1040	0	524897	705882
14	1	13	700090	89	0	0	5703	705882
15	2	5	185192	68	1344	0	519210	705882
16	3	10	29159	64	1901	1584	673046	705882
17	1	7	383945	71	0	0	321866	705882

Type 5 #3 5504.47 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	1153897	98	1834	1505	342470	1500000
2	3	20	91373	77	1512	1097	1405787	1500000
3	1	7	930989	58	0	0	568953	1500000
4	2	18	989703	95	1010	0	509097	1500000
5	2	11	757329	73	1121	0	741404	1500000
6	2	14	1372567	51	1122	0	126209	1500000
7	1	13	1213484	93	0	0	286423	1500000
8	3	9	782173	66	1556	1688	714385	1500000

Type 5 #6 5505.75 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	428632	89	1843	1185	168073	600000
2	2	9	106808	52	1568	0	491520	600000
3	2	13	455179	88	1687	0	142958	600000
4	3	9	222496	96	1183	1806	374227	600000
5	2	17	154609	88	1034	0	444181	600000
6	3	6	355033	95	1445	1951	241286	600000
7	3	15	262601	63	1497	1642	334071	600000
8	3	11	38114	86	1137	1269	559222	600000
9	1	13	56980	74	0	0	542946	600000
10	2	8	380967	67	1211	0	217688	600000
11	1	9	460637	75	0	0	139288	600000
12	1	12	356484	57	0	0	243459	600000
13	1	6	136783	61	0	0	463156	600000
14	3	9	130825	96	1043	1264	466580	600000
15	2	12	141104	67	1413	0	457349	600000
16	1	17	330030	85	0	0	269885	600000
17	3	12	440928	91	1717	1225	155857	600000
18	3	17	364150	84	1368	1729	232501	600000
19	1	6	144599	74	0	0	455327	600000
20	3	18	174710	57	1110	1565	422444	600000

Type 5 #9 5506.20 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	676496	97	1784	0	27408	705882
2	1	13	135938	69	0	0	569875	705882
3	3	6	347407	83	1692	1730	354804	705882
4	2	20	16820	63	1740	0	687196	705882
5	2	10	482574	100	1736	0	221372	705882
6	1	13	454062	58	0	0	251762	705882
7	1	13	195765	95	0	0	510022	705882
8	3	17	575454	61	1029	1765	127451	705882
9	1	18	584522	79	0	0	121281	705882
10	2	9	653930	94	1030	0	50734	705882
11	3	16	454369	87	1858	1829	247565	705882
12	1	14	54595	69	0	0	651218	705882
13	1	20	605836	90	0	0	99956	705882
14	3	19	510125	52	1139	1846	192616	705882

15	2	15	85715	87	1503	0	618490	705882
16	3	14	612095	72	1166	1700	90705	705882
17	2	8	638362	56	1595	0	65813	705882

Type 5 #12 5494.00 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	237295	62	1886	0	851604	1090909
2	3	16	479207	83	1562	1278	608613	1090909
3	2	9	565002	59	1470	0	524319	1090909
4	1	11	438010	92	0	0	652807	1090909
5	2	14	262719	56	1285	0	826793	1090909
6	3	12	906024	83	1579	1563	181494	1090909
7	1	16	999652	84	0	0	91173	1090909
8	3	19	327587	79	1548	1149	760388	1090909
9	1	19	616624	76	0	0	474209	1090909
10	3	20	898605	74	1386	1138	189558	1090909
11	3	6	727939	68	1714	1218	359834	1090909

Type 5 #15 5496.19 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	652561	100	0	0	347339	1000000
2	2	18	913697	50	1644	0	84559	1000000
3	2	5	514885	96	1941	0	482982	1000000
4	3	14	645753	50	1577	1355	351165	1000000
5	2	6	734753	63	1895	0	263226	1000000
6	3	17	823019	77	1674	1704	173372	1000000
7	2	20	173992	50	1830	0	824078	1000000
8	3	17	590909	96	1049	1643	406111	1000000
9	1	17	513065	92	0	0	486843	1000000
10	3	7	670819	79	1873	1522	325549	1000000
11	1	19	2866	67	0	0	997067	1000000
12	3	19	51771	90	1895	1457	944607	1000000

Type 5 #18 5492.76 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	15	482843	59	1433	1789	513758	1000000
2	1	5	994429	88	0	0	5483	1000000
3	3	16	798642	97	1381	1757	197929	1000000
4	3	19	490265	85	1605	1465	506410	1000000
5	3	13	768928	52	1401	1902	227613	1000000
6	1	14	86541	54	0	0	913405	1000000
7	3	13	740273	78	1146	1617	256730	1000000
8	1	19	137906	50	0	0	862044	1000000
9	2	16	610616	63	1476	0	387782	1000000
10	2	14	187326	63	1567	0	810981	1000000
11	1	19	289381	85	0	0	710534	1000000
12	1	19	387778	81	0	0	612141	1000000

Type 5 #21 5506.88 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	529196	60	0	0	176626	705882
2	3	18	1802	50	1334	1286	701310	705882
3	2	14	422575	53	1464	0	281737	705882
4	1	20	179434	98	0	0	526350	705882
5	3	20	435089	60	1258	1567	267788	705882
6	2	13	81135	71	1073	0	623532	705882
7	1	5	520384	80	0	0	185418	705882
8	1	20	114062	95	0	0	591725	705882
9	3	16	461309	82	1687	1564	241076	705882
10	2	5	259547	81	1414	0	444759	705882
11	2	13	684530	90	1959	0	19213	705882
12	2	20	92108	64	1282	0	612364	705882
13	2	10	120378	79	1261	0	584085	705882
14	3	5	503489	96	1875	1389	198841	705882
15	1	5	441914	90	0	0	263878	705882
16	1	11	424367	76	0	0	281439	705882
17	1	10	1381	50	0	0	704451	705882

Type 5 #24 5507.51 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	588186	99	1417	0	267341	857142
2	1	18	758774	99	0	0	98269	857142
3	1	8	418887	81	0	0	438174	857142
4	2	19	475695	51	1604	0	379741	857142
5	2	6	473201	74	1941	0	381852	857142
6	1	6	131112	66	0	0	725964	857142
7	2	15	369037	62	1849	0	486132	857142
8	3	18	102061	50	1388	1730	751813	857142
9	3	20	529282	84	1369	1191	325048	857142
10	2	10	731654	83	1794	0	123528	857142
11	3	5	367300	65	1092	1705	486850	857142
12	2	15	519882	71	1084	0	336034	857142
13	1	14	205416	71	0	0	651655	857142
14	1	13	405141	59	0	0	451942	857142

Type 5 #27 5492.39 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	415161	60	0	0	184779	600000
2	2	10	79120	53	1523	0	519251	600000
3	2	17	521862	89	1457	0	76503	600000
4	3	12	111379	72	1176	1369	485860	600000
5	2	10	355510	63	1779	0	242585	600000
6	2	14	50773	97	1649	0	547384	600000
7	2	14	78339	58	1129	0	520416	600000
8	2	8	432060	67	1473	0	166333	600000
9	3	17	220803	90	1543	1785	375599	600000
10	1	18	65967	53	0	0	533980	600000
11	1	5	477426	66	0	0	122508	600000
12	2	19	58400	91	1467	0	539951	600000
13	1	17	524495	57	0	0	75448	600000
14	1	14	92105	98	0	0	507797	600000
15	1	13	60712	87	0	0	539201	600000
16	1	15	136909	85	0	0	463006	600000
17	3	17	191128	76	1994	1224	405426	600000
18	3	13	69829	88	1774	1306	526827	600000
19	3	10	82618	85	1537	1878	513712	600000
20	2	7	421224	79	1915	0	176703	600000

Type 5 #29 5508.45 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	509950	91	1963	0	154571	666666
2	1	11	347713	83	0	0	318870	666666
3	3	13	148496	91	1777	1870	514250	666666
4	2	6	145846	63	1132	0	519562	666666
5	2	16	218396	53	1675	0	446489	666666
6	2	6	371745	86	1516	0	293233	666666
7	3	12	512674	70	1509	1586	150687	666666
8	3	20	326173	99	1778	1578	336840	666666
9	3	8	434815	99	1826	1568	228160	666666
10	3	14	26256	55	1591	1734	636920	666666
11	1	5	610266	76	0	0	56324	666666
12	2	11	599093	70	1594	0	65839	666666
13	3	11	188341	54	1062	1267	475834	666666
14	2	9	235808	77	1129	0	429575	666666
15	2	8	320581	55	1778	0	344197	666666
16	2	6	266466	90	1373	0	398647	666666
17	3	15	42027	57	1431	1332	621705	666666
18	3	10	652689	97	1547	1400	10739	666666

Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5335	#02-5639	#03-5544	#04-5672	#05-5483	#06-5341	#07-5493	#08-5281	#09-5328	#10-5550
#11-5480	#12-5640	#13-5380	#14-5562	#15-5514	#16-5326	#17-5713	#18-5397	#19-5556	#20-5254
#21-5563	#22-5377	#23-5289	#24-5481	#25-5461	#26-5572	#27-5549	#28-5315	#29-5322	#30-5675
#31-5308	#32-5624	#33-5687	#34-5313	#35-5707	#36-5581	#37-5252	#38-5507	#39-5704	#40-5448
#41-5256	#42-5269	#43-5294	#44-5451	#45-5588	#46-5567	#47-5383	#48-5330	#49-5378	#50-5413
#51-5305	#52-5689	#53-5343	#54-5497	#55-5511	#56-5505	#57-5441	#58-5272	#59-5494	#60-5669
#61-5691	#62-5255	#63-5600	#64-5421	#65-5265	#66-5587	#67-5317	#68-5580	#69-5657	#70-5324
#71-5456	#72-5418	#73-5357	#74-5722	#75-5543	#76-5654	#77-5720	#78-5280	#79-5597	#80-5415
#81-5710	#82-5253	#83-5660	#84-5594	#85-5540	#86-5445	#87-5536	#88-5484	#89-5460	#90-5504
#91-5290	#92-5263	#93-5573	#94-5435	#95-5251	#96-5500	#97-5528	#98-5398	#99-5304	#100-5682

Type 6 #4 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5344	#02-5262	#03-5660	#04-5255	#05-5501	#06-5254	#07-5405	#08-5425	#09-5640	#10-5583
#11-5676	#12-5459	#13-5484	#14-5350	#15-5538	#16-5536	#17-5603	#18-5488	#19-5258	#20-5471
#21-5286	#22-5624	#23-5288	#24-5632	#25-5490	#26-5579	#27-5272	#28-5525	#29-5612	#30-5453
#31-5393	#32-5306	#33-5315	#34-5617	#35-5391	#36-5552	#37-5631	#38-5419	#39-5481	#40-5592
#41-5479	#42-5362	#43-5428	#44-5327	#45-5572	#46-5292	#47-5500	#48-5300	#49-5463	#50-5707
#51-5537	#52-5661	#53-5308	#54-5363	#55-5622	#56-5348	#57-5261	#58-5399	#59-5382	#60-5278
#61-5380	#62-5532	#63-5403	#64-5721	#65-5285	#66-5645	#67-5394	#68-5426	#69-5696	#70-5319
#71-5502	#72-5531	#73-5512	#74-5584	#75-5555	#76-5643	#77-5496	#78-5475	#79-5398	#80-5470
#81-5581	#82-5369	#83-5257	#84-5504	#85-5494	#86-5454	#87-5620	#88-5269	#89-5693	#90-5451
#91-5621	#92-5648	#93-5576	#94-5256	#95-5580	#96-5630	#97-5287	#98-5260	#99-5467	#100-5409

Type 6 #7 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5483	#02-5635	#03-5334	#04-5440	#05-5258	#06-5697	#07-5420	#08-5694	#09-5373	#10-5463
#11-5681	#12-5510	#13-5456	#14-5335	#15-5472	#16-5424	#17-5461	#18-5498	#19-5273	#20-5503
#21-5596	#22-5410	#23-5438	#24-5341	#25-5357	#26-5318	#27-5433	#28-5323	#29-5648	#30-5517
#31-5521	#32-5608	#33-5466	#34-5366	#35-5302	#36-5537	#37-5486	#38-5626	#39-5592	#40-5689
#41-5631	#42-5368	#43-5530	#44-5324	#45-5475	#46-5690	#47-5284	#48-5629	#49-5452	#50-5376
#51-5397	#52-5310	#53-5544	#54-5705	#55-5289	#56-5649	#57-5251	#58-5641	#59-5590	#60-5352
#61-5511	#62-5299	#63-5540	#64-5414	#65-5364	#66-5627	#67-5715	#68-5340	#69-5283	#70-5660
#71-5662	#72-5560	#73-5308	#74-5477	#75-5605	#76-5591	#77-5392	#78-5528	#79-5522	#80-5369
#81-5460	#82-5313	#83-5485	#84-5326	#85-5378	#86-5535	#87-5569	#88-5286	#89-5490	#90-5427
#91-5582	#92-5552	#93-5365	#94-5684	#95-5573	#96-5699	#97-5669	#98-5562	#99-5404	#100-5358

Type 6 #10 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5496	#02-5321	#03-5327	#04-5505	#05-5674	#06-5311	#07-5657	#08-5317	#09-5373	#10-5724
#11-5548	#12-5428	#13-5448	#14-5385	#15-5268	#16-5562	#17-5702	#18-5259	#19-5684	#20-5614
#21-5347	#22-5508	#23-5535	#24-5570	#25-5537	#26-5679	#27-5416	#28-5328	#29-5513	#30-5685
#31-5569	#32-5409	#33-5336	#34-5653	#35-5658	#36-5295	#37-5568	#38-5551	#39-5340	#40-5594
#41-5659	#42-5486	#43-5345	#44-5280	#45-5560	#46-5285	#47-5457	#48-5670	#49-5706	#50-5499
#51-5462	#52-5296	#53-5399	#54-5538	#55-5517	#56-5387	#57-5356	#58-5491	#59-5713	#60-5585
#61-5289	#62-5703	#63-5269	#64-5362	#65-5456	#66-5334	#67-5516	#68-5383	#69-5432	#70-5376
#71-5530	#72-5439	#73-5540	#74-5701	#75-5644	#76-5683	#77-5382	#78-5553	#79-5704	#80-5320
#81-5671	#82-5504	#83-5370	#84-5503	#85-5633	#86-5414	#87-5708	#88-5353	#89-5625	#90-5663
#91-5366	#92-5260	#93-5372	#94-5404	#95-5550	#96-5523	#97-5629	#98-5443	#99-5258	#100-5369

Type 6 #13 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5354	#02-5410	#03-5608	#04-5704	#05-5691	#06-5531	#07-5271	#08-5524	#09-5365	#10-5322
#11-5540	#12-5362	#13-5668	#14-5663	#15-5626	#16-5646	#17-5352	#18-5274	#19-5301	#20-5706
#21-5690	#22-5554	#23-5556	#24-5671	#25-5496	#26-5336	#27-5643	#28-5660	#29-5425	#30-5538
#31-5436	#32-5321	#33-5276	#34-5286	#35-5572	#36-5312	#37-5682	#38-5420	#39-5277	#40-5649
#41-5300	#42-5630	#43-5710	#44-5601	#45-5558	#46-5416	#47-5291	#48-5677	#49-5403	#50-5283
#51-5516	#52-5433	#53-5316	#54-5525	#55-5579	#56-5661	#57-5458	#58-5605	#59-5612	#60-5349
#61-5552	#62-5610	#63-5469	#64-5335	#65-5631	#66-5341	#67-5563	#68-5688	#69-5657	#70-5722
#71-5377	#72-5656	#73-5309	#74-5568	#75-5679	#76-5310	#77-5502	#78-5476	#79-5618	#80-5472
#81-5384	#82-5530	#83-5694	#84-5296	#85-5270	#86-5686	#87-5396	#88-5689	#89-5407	#90-5716
#91-5350	#92-5652	#93-5325	#94-5453	#95-5713	#96-5471	#97-5389	#98-5257	#99-5681	#100-5624

Type 6 #16 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5619	#02-5421	#03-5312	#04-5711	#05-5489	#06-5435	#07-5716	#08-5612	#09-5555	#10-5405
#11-5423	#12-5597	#13-5721	#14-5378	#15-5556	#16-5565	#17-5371	#18-5335	#19-5427	#20-5351
#21-5376	#22-5373	#23-5268	#24-5653	#25-5599	#26-5367	#27-5476	#28-5501	#29-5431	#30-5292
#31-5637	#32-5520	#33-5286	#34-5416	#35-5395	#36-5686	#37-5710	#38-5545	#39-5564	#40-5363
#41-5598	#42-5317	#43-5542	#44-5592	#45-5558	#46-5524	#47-5617	#48-5687	#49-5345	#50-5709
#51-5506	#52-5488	#53-5341	#54-5492	#55-5298	#56-5293	#57-5307	#58-5614	#59-5490	#60-5360
#61-5374	#62-5362	#63-5510	#64-5326	#65-5684	#66-5411	#67-5603	#68-5477	#69-5349	#70-5606
#71-5650	#72-5712	#73-5503	#74-5305	#75-5451	#76-5310	#77-5290	#78-5568	#79-5583	#80-5539
#81-5380	#82-5282	#83-5670	#84-5648	#85-5346	#86-5642	#87-5561	#88-5478	#89-5324	#90-5253
#91-5473	#92-5679	#93-5281	#94-5515	#95-5562	#96-5456	#97-5333	#98-5593	#99-5609	#100-5625

Type 6 #19 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5617	#02-5624	#03-5325	#04-5421	#05-5654	#06-5271	#07-5310	#08-5478	#09-5629	#10-5353
#11-5484	#12-5701	#13-5397	#14-5368	#15-5362	#16-5434	#17-5712	#18-5613	#19-5584	#20-5345
#21-5675	#22-5304	#23-5579	#24-5538	#25-5251	#26-5435	#27-5610	#28-5422	#29-5408	#30-5580
#31-5576	#32-5476	#33-5317	#34-5400	#35-5355	#36-5360	#37-5625	#38-5643	#39-5459	#40-5363
#41-5557	#42-5305	#43-5575	#44-5542	#45-5548	#46-5703	#47-5526	#48-5351	#49-5597	#50-5286
#51-5404	#52-5489	#53-5399	#54-5384	#55-5666	#56-5570	#57-5471	#58-5607	#59-5653	#60-5560
#61-5424	#62-5470	#63-5498	#64-5632	#65-5474	#66-5330	#67-5692	#68-5256	#69-5323	#70-5336
#71-5694	#72-5375	#73-5707	#74-5536	#75-5620	#76-5453	#77-5715	#78-5272	#79-5634	#80-5509
#81-5550	#82-5371	#83-5425	#84-5327	#85-5657	#86-5458	#87-5510	#88-5614	#89-5267	#90-5623
#91-5663	#92-5501	#93-5559	#94-5558	#95-5344	#96-5524	#97-5364	#98-5416	#99-5572	#100-5296

Type 6 #22 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5281	#02-5420	#03-5516	#04-5268	#05-5603	#06-5625	#07-5695	#08-5633	#09-5351	#10-5573
#11-5635	#12-5641	#13-5339	#14-5666	#15-5605	#16-5310	#17-5468	#18-5457	#19-5358	#20-5649
#21-5438	#22-5417	#23-5304	#24-5602	#25-5258	#26-5458	#27-5356	#28-5650	#29-5684	#30-5683
#31-5711	#32-5456	#33-5518	#34-5302	#35-5669	#36-5601	#37-5474	#38-5509	#39-5279	#40-5661
#41-5526	#42-5459	#43-5341	#44-5542	#45-5407	#46-5614	#47-5551	#48-5577	#49-5554	#50-5350
#51-5589	#52-5366	#53-5639	#54-5477	#55-5594	#56-5588	#57-5707	#58-5392	#59-5435	#60-5546
#61-5291	#62-5552	#63-5592	#64-5389	#65-5408	#66-5480	#67-5502	#68-5424	#69-5441	#70-5656
#71-5674	#72-5285	#73-5383	#74-5626	#75-5418	#76-5374	#77-5604	#78-5437	#79-5646	#80-5297
#81-5519	#82-5636	#83-5535	#84-5631	#85-5721	#86-5485	#87-5579	#88-5498	#89-5373	#90-5349
#91-5415	#92-5497	#93-5403	#94-5486	#95-5638	#96-5671	#97-5259	#98-5287	#99-5515	#100-5533

Type 6 #25 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5317	#02-5427	#03-5539	#04-5679	#05-5518	#06-5348	#07-5545	#08-5418	#09-5318	#10-5380
#11-5571	#12-5724	#13-5711	#14-5486	#15-5503	#16-5326	#17-5703	#18-5473	#19-5385	#20-5496
#21-5606	#22-5454	#23-5361	#24-5615	#25-5349	#26-5483	#27-5460	#28-5630	#29-5463	#30-5639
#31-5723	#32-5569	#33-5426	#34-5302	#35-5298	#36-5549	#37-5537	#38-5489	#39-5495	#40-5602
#41-5316	#42-5399	#43-5673	#44-5408	#45-5441	#46-5342	#47-5252	#48-5336	#49-5635	#50-5708
#51-5546	#52-5334	#53-5603	#54-5407	#55-5457	#56-5445	#57-5660	#58-5583	#59-5442	#60-5465
#61-5313	#62-5657	#63-5250	#64-5391	#65-5309	#66-5450	#67-5278	#68-5403	#69-5661	#70-5621
#71-5251	#72-5253	#73-5387	#74-5554	#75-5686	#76-5667	#77-5665	#78-5292	#79-5367	#80-5627
#81-5377	#82-5406	#83-5656	#84-5273	#85-5341	#86-5424	#87-5636	#88-5409	#89-5575	#90-5433
#91-5467	#92-5672	#93-5266	#94-5381	#95-5617	#96-5699	#97-5658	#98-5337	#99-5542	#100-5671

Type 6 #28 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5621	#02-5439	#03-5385	#04-5427	#05-5591	#06-5512	#07-5551	#08-5476	#09-5720	#10-5386
#11-5518	#12-5377	#13-5634	#14-5372	#15-5670	#16-5503	#17-5555	#18-5388	#19-5648	#20-5301
#21-5260	#22-5354	#23-5722	#24-5587	#25-5257	#26-5524	#27-5638	#28-5603	#29-5552	#30-5515
#31-5532	#32-5477	#33-5688	#34-5544	#35-5334	#36-5581	#37-5452	#38-5548	#39-5664	#40-5497
#41-5311	#42-5466	#43-5328	#44-5383	#45-5355	#46-5602	#47-5588	#48-5462	#49-5475	#50-5637
#51-5394	#52-5254	#53-5517	#54-5441	#55-5522	#56-5417	#57-5583	#58-5712	#59-5597	#60-5418
#61-5596	#62-5710	#63-5624	#64-5553	#65-5585	#66-5647	#67-5353	#68-5564	#69-5709	#70-5528
#71-5674	#72-5613	#73-5643	#74-5453	#75-5651	#76-5627	#77-5646	#78-5300	#79-5390	#80-5326
#81-5610	#82-5684	#83-5276	#84-5617	#85-5308	#86-5284	#87-5689	#88-5676	#89-5297	#90-5457
#91-5397	#92-5434	#93-5410	#94-5299	#95-5252	#96-5540	#97-5323	#98-5312	#99-5305	#100-5629

Type 6 #30 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5507	#02-5703	#03-5421	#04-5345	#05-5525	#06-5709	#07-5489	#08-5360	#09-5267	#10-5261
#11-5724	#12-5344	#13-5589	#14-5619	#15-5281	#16-5322	#17-5487	#18-5402	#19-5319	#20-5675
#21-5522	#22-5315	#23-5677	#24-5253	#25-5576	#26-5541	#27-5370	#28-5472	#29-5594	#30-5255
#31-5289	#32-5605	#33-5620	#34-5445	#35-5515	#36-5347	#37-5632	#38-5365	#39-5302	#40-5637
#41-5665	#42-5693	#43-5341	#44-5250	#45-5547	#46-5435	#47-5510	#48-5661	#49-5615	#50-5358
#51-5412	#52-5469	#53-5674	#54-5418	#55-5368	#56-5613	#57-5398	#58-5256	#59-5685	#60-5463
#61-5694	#62-5424	#63-5491	#64-5699	#65-5631	#66-5579	#67-5286	#68-5266	#69-5287	#70-5582
#71-5585	#72-5279	#73-5356	#74-5623	#75-5686	#76-5590	#77-5399	#78-5496	#79-5457	#80-5460
#81-5602	#82-5603	#83-5706	#84-5683	#85-5672	#86-5658	#87-5274	#88-5516	#89-5687	#90-5381
#91-5511	#92-5577	#93-5705	#94-5536	#95-5331	#96-5578	#97-5342	#98-5375	#99-5376	#100-5539

Type 5 #0 5496.97 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	345298	51	0	0	360533	705882
2	3	9	483677	55	1731	1541	218768	705882
3	1	8	284931	74	0	0	420877	705882
4	1	9	299872	61	0	0	405949	705882
5	3	15	179360	64	1740	1723	522867	705882
6	3	12	351680	60	1193	1985	350844	705882
7	2	16	289924	54	1692	0	414158	705882
8	3	9	259755	93	1081	1655	443112	705882
9	2	18	580143	71	1671	0	123926	705882
10	1	5	310936	52	0	0	394894	705882
11	3	6	321666	82	1819	1032	381119	705882
12	1	14	338215	65	0	0	367602	705882
13	2	16	179835	55	1040	0	524897	705882
14	1	13	700090	89	0	0	5703	705882
15	2	5	185192	68	1344	0	519210	705882
16	3	10	29159	64	1901	1584	673046	705882
17	1	7	383945	71	0	0	321866	705882

Type 5 #3 5525.96 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	1153897	98	1834	1505	342470	1500000
2	3	20	91373	77	1512	1097	1405787	1500000
3	1	7	930989	58	0	0	568953	1500000
4	2	18	989703	95	1010	0	509097	1500000
5	2	11	757329	73	1121	0	741404	1500000
6	2	14	1372567	51	1122	0	126209	1500000
7	1	13	1213484	93	0	0	286423	1500000
8	3	9	782173	66	1556	1688	714385	1500000

Type 5 #6 5528.00 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	428632	89	1843	1185	168073	600000
2	2	9	106808	52	1568	0	491520	600000
3	2	13	455179	88	1687	0	142958	600000
4	3	9	222496	96	1183	1806	374227	600000
5	2	17	154609	88	1034	0	444181	600000
6	3	6	355033	95	1445	1951	241286	600000
7	3	15	262601	63	1497	1642	334071	600000
8	3	11	38114	86	1137	1269	559222	600000
9	1	13	56980	74	0	0	542946	600000
10	2	8	380967	67	1211	0	217688	600000
11	1	9	460637	75	0	0	139288	600000
12	1	12	356484	57	0	0	243459	600000
13	1	6	136783	61	0	0	463156	600000
14	3	9	130825	96	1043	1264	466580	600000
15	2	12	141104	67	1413	0	457349	600000
16	1	17	330030	85	0	0	269885	600000
17	3	12	440928	91	1717	1225	155857	600000
18	3	17	364150	84	1368	1729	232501	600000
19	1	6	144599	74	0	0	455327	600000
20	3	18	174710	57	1110	1565	422444	600000

Type 5 #9 5509.98 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	676496	97	1784	0	27408	705882
2	1	13	135938	69	0	0	569875	705882
3	3	6	347407	83	1692	1730	354804	705882
4	2	20	16820	63	1740	0	687196	705882
5	2	10	482574	100	1736	0	221372	705882
6	1	13	454062	58	0	0	251762	705882
7	1	13	195765	95	0	0	510022	705882
8	3	17	575454	61	1029	1765	127451	705882
9	1	18	584522	79	0	0	121281	705882
10	2	9	653930	94	1030	0	50734	705882
11	3	16	454369	87	1858	1829	247565	705882
12	1	14	54595	69	0	0	651218	705882
13	1	20	605836	90	0	0	99956	705882
14	3	19	510125	52	1139	1846	192616	705882

15	2	15	85715	87	1503	0	618490	705882
16	3	14	612095	72	1166	1700	90705	705882
17	2	8	638362	56	1595	0	65813	705882

Type 5 #12 5506.12 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	237295	62	1886	0	851604	1090909
2	3	16	479207	83	1562	1278	608613	1090909
3	2	9	565002	59	1470	0	524319	1090909
4	1	11	438010	92	0	0	652807	1090909
5	2	14	262719	56	1285	0	826793	1090909
6	3	12	906024	83	1579	1563	181494	1090909
7	1	16	999652	84	0	0	91173	1090909
8	3	19	327587	79	1548	1149	760388	1090909
9	1	19	616624	76	0	0	474209	1090909
10	3	20	898605	74	1386	1138	189558	1090909
11	3	6	727939	68	1714	1218	359834	1090909

Type 5 #15 5495.95 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	652561	100	0	0	347339	1000000
2	2	18	913697	50	1644	0	84559	1000000
3	2	5	514885	96	1941	0	482982	1000000
4	3	14	645753	50	1577	1355	351165	1000000
5	2	6	734753	63	1895	0	263226	1000000
6	3	17	823019	77	1674	1704	173372	1000000
7	2	20	173992	50	1830	0	824078	1000000
8	3	17	590909	96	1049	1643	406111	1000000
9	1	17	513065	92	0	0	486843	1000000
10	3	7	670819	79	1873	1522	325549	1000000
11	1	19	2866	67	0	0	997067	1000000
12	3	19	51771	90	1895	1457	944607	1000000

Type 5 #18 5499.23 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	15	482843	59	1433	1789	513758	1000000
2	1	5	994429	88	0	0	5483	1000000
3	3	16	798642	97	1381	1757	197929	1000000
4	3	19	490265	85	1605	1465	506410	1000000
5	3	13	768928	52	1401	1902	227613	1000000
6	1	14	86541	54	0	0	913405	1000000
7	3	13	740273	78	1146	1617	256730	1000000
8	1	19	137906	50	0	0	862044	1000000
9	2	16	610616	63	1476	0	387782	1000000
10	2	14	187326	63	1567	0	810981	1000000
11	1	19	289381	85	0	0	710534	1000000
12	1	19	387778	81	0	0	612141	1000000

Type 5 #21 5494.16 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	529196	60	0	0	176626	705882
2	3	18	1802	50	1334	1286	701310	705882
3	2	14	422575	53	1464	0	281737	705882
4	1	20	179434	98	0	0	526350	705882
5	3	20	435089	60	1258	1567	267788	705882
6	2	13	81135	71	1073	0	623532	705882
7	1	5	520384	80	0	0	185418	705882
8	1	20	114062	95	0	0	591725	705882
9	3	16	461309	82	1687	1564	241076	705882
10	2	5	259547	81	1414	0	444759	705882
11	2	13	684530	90	1959	0	19213	705882
12	2	20	92108	64	1282	0	612364	705882
13	2	10	120378	79	1261	0	584085	705882
14	3	5	503489	96	1875	1389	198841	705882
15	1	5	441914	90	0	0	263878	705882
16	1	11	424367	76	0	0	281439	705882
17	1	10	1381	50	0	0	704451	705882

Type 5 #24 5522.65 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	588186	99	1417	0	267341	857142
2	1	18	758774	99	0	0	98269	857142
3	1	8	418887	81	0	0	438174	857142
4	2	19	475695	51	1604	0	379741	857142
5	2	6	473201	74	1941	0	381852	857142
6	1	6	131112	66	0	0	725964	857142
7	2	15	369037	62	1849	0	486132	857142
8	3	18	102061	50	1388	1730	751813	857142
9	3	20	529282	84	1369	1191	325048	857142
10	2	10	731654	83	1794	0	123528	857142
11	3	5	367300	65	1092	1705	486850	857142
12	2	15	519882	71	1084	0	336034	857142
13	1	14	205416	71	0	0	651655	857142
14	1	13	405141	59	0	0	451942	857142

Type 5 #27 5512.30 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	415161	60	0	0	184779	600000
2	2	10	79120	53	1523	0	519251	600000
3	2	17	521862	89	1457	0	76503	600000
4	3	12	111379	72	1176	1369	485860	600000
5	2	10	355510	63	1779	0	242585	600000
6	2	14	50773	97	1649	0	547384	600000
7	2	14	78339	58	1129	0	520416	600000
8	2	8	432060	67	1473	0	166333	600000
9	3	17	220803	90	1543	1785	375599	600000
10	1	18	65967	53	0	0	533980	600000
11	1	5	477426	66	0	0	122508	600000
12	2	19	58400	91	1467	0	539951	600000
13	1	17	524495	57	0	0	75448	600000
14	1	14	92105	98	0	0	507797	600000
15	1	13	60712	87	0	0	539201	600000
16	1	15	136909	85	0	0	463006	600000
17	3	17	191128	76	1994	1224	405426	600000
18	3	13	69829	88	1774	1306	526827	600000
19	3	10	82618	85	1537	1878	513712	600000
20	2	7	421224	79	1915	0	176703	600000

Type 5 #29 5527.42 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	509950	91	1963	0	154571	666666
2	1	11	347713	83	0	0	318870	666666
3	3	13	148496	91	1777	1870	514250	666666
4	2	6	145846	63	1132	0	519562	666666
5	2	16	218396	53	1675	0	446489	666666
6	2	6	371745	86	1516	0	293233	666666
7	3	12	512674	70	1509	1586	150687	666666
8	3	20	326173	99	1778	1578	336840	666666
9	3	8	434815	99	1826	1568	228160	666666
10	3	14	26256	55	1591	1734	636920	666666
11	1	5	610266	76	0	0	56324	666666
12	2	11	599093	70	1594	0	65839	666666
13	3	11	188341	54	1062	1267	475834	666666
14	2	9	235808	77	1129	0	429575	666666
15	2	8	320581	55	1778	0	344197	666666
16	2	6	266466	90	1373	0	398647	666666
17	3	15	42027	57	1431	1332	621705	666666
18	3	10	652689	97	1547	1400	10739	666666

Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5335	#02-5639	#03-5544	#04-5672	#05-5483	#06-5341	#07-5493	#08-5281	#09-5328	#10-5550
#11-5480	#12-5640	#13-5380	#14-5562	#15-5514	#16-5326	#17-5713	#18-5397	#19-5556	#20-5254
#21-5563	#22-5377	#23-5289	#24-5481	#25-5461	#26-5572	#27-5549	#28-5315	#29-5322	#30-5675
#31-5308	#32-5624	#33-5687	#34-5313	#35-5707	#36-5581	#37-5252	#38-5507	#39-5704	#40-5448
#41-5256	#42-5269	#43-5294	#44-5451	#45-5588	#46-5567	#47-5383	#48-5330	#49-5378	#50-5413
#51-5305	#52-5689	#53-5343	#54-5497	#55-5511	#56-5505	#57-5441	#58-5272	#59-5494	#60-5669
#61-5691	#62-5255	#63-5600	#64-5421	#65-5265	#66-5587	#67-5317	#68-5580	#69-5657	#70-5324
#71-5456	#72-5418	#73-5357	#74-5722	#75-5543	#76-5654	#77-5720	#78-5280	#79-5597	#80-5415
#81-5710	#82-5253	#83-5660	#84-5594	#85-5540	#86-5445	#87-5536	#88-5484	#89-5460	#90-5504
#91-5290	#92-5263	#93-5573	#94-5435	#95-5251	#96-5500	#97-5528	#98-5398	#99-5304	#100-5682

Type 6 #4 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5344	#02-5262	#03-5660	#04-5255	#05-5501	#06-5254	#07-5405	#08-5425	#09-5640	#10-5583
#11-5676	#12-5459	#13-5484	#14-5350	#15-5538	#16-5536	#17-5603	#18-5488	#19-5258	#20-5471
#21-5286	#22-5624	#23-5288	#24-5632	#25-5490	#26-5579	#27-5272	#28-5525	#29-5612	#30-5453
#31-5393	#32-5306	#33-5315	#34-5617	#35-5391	#36-5552	#37-5631	#38-5419	#39-5481	#40-5592
#41-5479	#42-5362	#43-5428	#44-5327	#45-5572	#46-5292	#47-5500	#48-5300	#49-5463	#50-5707
#51-5537	#52-5661	#53-5308	#54-5363	#55-5622	#56-5348	#57-5261	#58-5399	#59-5382	#60-5278
#61-5380	#62-5532	#63-5403	#64-5721	#65-5285	#66-5645	#67-5394	#68-5426	#69-5696	#70-5319
#71-5502	#72-5531	#73-5512	#74-5584	#75-5555	#76-5643	#77-5496	#78-5475	#79-5398	#80-5470
#81-5581	#82-5369	#83-5257	#84-5504	#85-5494	#86-5454	#87-5620	#88-5269	#89-5693	#90-5451
#91-5621	#92-5648	#93-5576	#94-5256	#95-5580	#96-5630	#97-5287	#98-5260	#99-5467	#100-5409

Type 6 #7 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5483	#02-5635	#03-5334	#04-5440	#05-5258	#06-5697	#07-5420	#08-5694	#09-5373	#10-5463
#11-5681	#12-5510	#13-5456	#14-5335	#15-5472	#16-5424	#17-5461	#18-5498	#19-5273	#20-5503
#21-5596	#22-5410	#23-5438	#24-5341	#25-5357	#26-5318	#27-5433	#28-5323	#29-5648	#30-5517
#31-5521	#32-5608	#33-5466	#34-5366	#35-5302	#36-5537	#37-5486	#38-5626	#39-5592	#40-5689
#41-5631	#42-5368	#43-5530	#44-5324	#45-5475	#46-5690	#47-5284	#48-5629	#49-5452	#50-5376
#51-5397	#52-5310	#53-5544	#54-5705	#55-5289	#56-5649	#57-5251	#58-5641	#59-5590	#60-5352
#61-5511	#62-5299	#63-5540	#64-5414	#65-5364	#66-5627	#67-5715	#68-5340	#69-5283	#70-5660
#71-5662	#72-5560	#73-5308	#74-5477	#75-5605	#76-5591	#77-5392	#78-5528	#79-5522	#80-5369
#81-5460	#82-5313	#83-5485	#84-5326	#85-5378	#86-5535	#87-5569	#88-5286	#89-5490	#90-5427
#91-5582	#92-5552	#93-5365	#94-5684	#95-5573	#96-5699	#97-5669	#98-5562	#99-5404	#100-5358

Type 6 #10 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5496	#02-5321	#03-5327	#04-5505	#05-5674	#06-5311	#07-5657	#08-5317	#09-5373	#10-5724
#11-5548	#12-5428	#13-5448	#14-5385	#15-5268	#16-5562	#17-5702	#18-5259	#19-5684	#20-5614
#21-5347	#22-5508	#23-5535	#24-5570	#25-5537	#26-5679	#27-5416	#28-5328	#29-5513	#30-5685
#31-5569	#32-5409	#33-5336	#34-5653	#35-5658	#36-5295	#37-5568	#38-5551	#39-5340	#40-5594
#41-5659	#42-5486	#43-5345	#44-5280	#45-5560	#46-5285	#47-5457	#48-5670	#49-5706	#50-5499
#51-5462	#52-5296	#53-5399	#54-5538	#55-5517	#56-5387	#57-5356	#58-5491	#59-5713	#60-5585
#61-5289	#62-5703	#63-5269	#64-5362	#65-5456	#66-5334	#67-5516	#68-5383	#69-5432	#70-5376
#71-5530	#72-5439	#73-5540	#74-5701	#75-5644	#76-5683	#77-5382	#78-5553	#79-5704	#80-5320
#81-5671	#82-5504	#83-5370	#84-5503	#85-5633	#86-5414	#87-5708	#88-5353	#89-5625	#90-5663
#91-5366	#92-5260	#93-5372	#94-5404	#95-5550	#96-5523	#97-5629	#98-5443	#99-5258	#100-5369

Type 6 #13 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5354	#02-5410	#03-5608	#04-5704	#05-5691	#06-5531	#07-5271	#08-5524	#09-5365	#10-5322
#11-5540	#12-5362	#13-5668	#14-5663	#15-5626	#16-5646	#17-5352	#18-5274	#19-5301	#20-5706
#21-5690	#22-5554	#23-5556	#24-5671	#25-5496	#26-5336	#27-5643	#28-5660	#29-5425	#30-5538
#31-5436	#32-5321	#33-5276	#34-5286	#35-5572	#36-5312	#37-5682	#38-5420	#39-5277	#40-5649
#41-5300	#42-5630	#43-5710	#44-5601	#45-5558	#46-5416	#47-5291	#48-5677	#49-5403	#50-5283
#51-5516	#52-5433	#53-5316	#54-5525	#55-5579	#56-5661	#57-5458	#58-5605	#59-5612	#60-5349
#61-5552	#62-5610	#63-5469	#64-5335	#65-5631	#66-5341	#67-5563	#68-5688	#69-5657	#70-5722
#71-5377	#72-5656	#73-5309	#74-5568	#75-5679	#76-5310	#77-5502	#78-5476	#79-5618	#80-5472
#81-5384	#82-5530	#83-5694	#84-5296	#85-5270	#86-5686	#87-5396	#88-5689	#89-5407	#90-5716
#91-5350	#92-5652	#93-5325	#94-5453	#95-5713	#96-5471	#97-5389	#98-5257	#99-5681	#100-5624

Type 6 #16 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5619	#02-5421	#03-5312	#04-5711	#05-5489	#06-5435	#07-5716	#08-5612	#09-5555	#10-5405
#11-5423	#12-5597	#13-5721	#14-5378	#15-5556	#16-5565	#17-5371	#18-5335	#19-5427	#20-5351
#21-5376	#22-5373	#23-5268	#24-5653	#25-5599	#26-5367	#27-5476	#28-5501	#29-5431	#30-5292
#31-5637	#32-5520	#33-5286	#34-5416	#35-5395	#36-5686	#37-5710	#38-5545	#39-5564	#40-5363
#41-5598	#42-5317	#43-5542	#44-5592	#45-5558	#46-5524	#47-5617	#48-5687	#49-5345	#50-5709
#51-5506	#52-5488	#53-5341	#54-5492	#55-5298	#56-5293	#57-5307	#58-5614	#59-5490	#60-5360
#61-5374	#62-5362	#63-5510	#64-5326	#65-5684	#66-5411	#67-5603	#68-5477	#69-5349	#70-5606
#71-5650	#72-5712	#73-5503	#74-5305	#75-5451	#76-5310	#77-5290	#78-5568	#79-5583	#80-5539
#81-5380	#82-5282	#83-5670	#84-5648	#85-5346	#86-5642	#87-5561	#88-5478	#89-5324	#90-5253
#91-5473	#92-5679	#93-5281	#94-5515	#95-5562	#96-5456	#97-5333	#98-5593	#99-5609	#100-5625

Type 6 #19 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5617	#02-5624	#03-5325	#04-5421	#05-5654	#06-5271	#07-5310	#08-5478	#09-5629	#10-5353
#11-5484	#12-5701	#13-5397	#14-5368	#15-5362	#16-5434	#17-5712	#18-5613	#19-5584	#20-5345
#21-5675	#22-5304	#23-5579	#24-5538	#25-5251	#26-5435	#27-5610	#28-5422	#29-5408	#30-5580
#31-5576	#32-5476	#33-5317	#34-5400	#35-5355	#36-5360	#37-5625	#38-5643	#39-5459	#40-5363
#41-5557	#42-5305	#43-5575	#44-5542	#45-5548	#46-5703	#47-5526	#48-5351	#49-5597	#50-5286
#51-5404	#52-5489	#53-5399	#54-5384	#55-5666	#56-5570	#57-5471	#58-5607	#59-5653	#60-5560
#61-5424	#62-5470	#63-5498	#64-5632	#65-5474	#66-5330	#67-5692	#68-5256	#69-5323	#70-5336
#71-5694	#72-5375	#73-5707	#74-5536	#75-5620	#76-5453	#77-5715	#78-5272	#79-5634	#80-5509
#81-5550	#82-5371	#83-5425	#84-5327	#85-5657	#86-5458	#87-5510	#88-5614	#89-5267	#90-5623
#91-5663	#92-5501	#93-5559	#94-5558	#95-5344	#96-5524	#97-5364	#98-5416	#99-5572	#100-5296

Type 6 #22 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5281	#02-5420	#03-5516	#04-5268	#05-5603	#06-5625	#07-5695	#08-5633	#09-5351	#10-5573
#11-5635	#12-5641	#13-5339	#14-5666	#15-5605	#16-5310	#17-5468	#18-5457	#19-5358	#20-5649
#21-5438	#22-5417	#23-5304	#24-5602	#25-5258	#26-5458	#27-5356	#28-5650	#29-5684	#30-5683
#31-5711	#32-5456	#33-5518	#34-5302	#35-5669	#36-5601	#37-5474	#38-5509	#39-5279	#40-5661
#41-5526	#42-5459	#43-5341	#44-5542	#45-5407	#46-5614	#47-5551	#48-5577	#49-5554	#50-5350
#51-5589	#52-5366	#53-5639	#54-5477	#55-5594	#56-5588	#57-5707	#58-5392	#59-5435	#60-5546
#61-5291	#62-5552	#63-5592	#64-5389	#65-5408	#66-5480	#67-5502	#68-5424	#69-5441	#70-5656
#71-5674	#72-5285	#73-5383	#74-5626	#75-5418	#76-5374	#77-5604	#78-5437	#79-5646	#80-5297
#81-5519	#82-5636	#83-5535	#84-5631	#85-5721	#86-5485	#87-5579	#88-5498	#89-5373	#90-5349
#91-5415	#92-5497	#93-5403	#94-5486	#95-5638	#96-5671	#97-5259	#98-5287	#99-5515	#100-5533

Type 6 #25 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5317	#02-5427	#03-5539	#04-5679	#05-5518	#06-5348	#07-5545	#08-5418	#09-5318	#10-5380
#11-5571	#12-5724	#13-5711	#14-5486	#15-5503	#16-5326	#17-5703	#18-5473	#19-5385	#20-5496
#21-5606	#22-5454	#23-5361	#24-5615	#25-5349	#26-5483	#27-5460	#28-5630	#29-5463	#30-5639
#31-5723	#32-5569	#33-5426	#34-5302	#35-5298	#36-5549	#37-5537	#38-5489	#39-5495	#40-5602
#41-5316	#42-5399	#43-5673	#44-5408	#45-5441	#46-5342	#47-5252	#48-5336	#49-5635	#50-5708
#51-5546	#52-5334	#53-5603	#54-5407	#55-5457	#56-5445	#57-5660	#58-5583	#59-5442	#60-5465
#61-5313	#62-5657	#63-5250	#64-5391	#65-5309	#66-5450	#67-5278	#68-5403	#69-5661	#70-5621
#71-5251	#72-5253	#73-5387	#74-5554	#75-5686	#76-5667	#77-5665	#78-5292	#79-5367	#80-5627
#81-5377	#82-5406	#83-5656	#84-5273	#85-5341	#86-5424	#87-5636	#88-5409	#89-5575	#90-5433
#91-5467	#92-5672	#93-5266	#94-5381	#95-5617	#96-5699	#97-5658	#98-5337	#99-5542	#100-5671

Type 6 #28 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5621	#02-5439	#03-5385	#04-5427	#05-5591	#06-5512	#07-5551	#08-5476	#09-5720	#10-5386
#11-5518	#12-5377	#13-5634	#14-5372	#15-5670	#16-5503	#17-5555	#18-5388	#19-5648	#20-5301
#21-5260	#22-5354	#23-5722	#24-5587	#25-5257	#26-5524	#27-5638	#28-5603	#29-5552	#30-5515
#31-5532	#32-5477	#33-5688	#34-5544	#35-5334	#36-5581	#37-5452	#38-5548	#39-5664	#40-5497
#41-5311	#42-5466	#43-5328	#44-5383	#45-5355	#46-5602	#47-5588	#48-5462	#49-5475	#50-5637
#51-5394	#52-5254	#53-5517	#54-5441	#55-5522	#56-5417	#57-5583	#58-5712	#59-5597	#60-5418
#61-5596	#62-5710	#63-5624	#64-5553	#65-5585	#66-5647	#67-5353	#68-5564	#69-5709	#70-5528
#71-5674	#72-5613	#73-5643	#74-5453	#75-5651	#76-5627	#77-5646	#78-5300	#79-5390	#80-5326
#81-5610	#82-5684	#83-5276	#84-5617	#85-5308	#86-5284	#87-5689	#88-5676	#89-5297	#90-5457
#91-5397	#92-5434	#93-5410	#94-5299	#95-5252	#96-5540	#97-5323	#98-5312	#99-5305	#100-5629

Type 6 #30 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5507	#02-5703	#03-5421	#04-5345	#05-5525	#06-5709	#07-5489	#08-5360	#09-5267	#10-5261
#11-5724	#12-5344	#13-5589	#14-5619	#15-5281	#16-5322	#17-5487	#18-5402	#19-5319	#20-5675
#21-5522	#22-5315	#23-5677	#24-5253	#25-5576	#26-5541	#27-5370	#28-5472	#29-5594	#30-5255
#31-5289	#32-5605	#33-5620	#34-5445	#35-5515	#36-5347	#37-5632	#38-5365	#39-5302	#40-5637
#41-5665	#42-5693	#43-5341	#44-5250	#45-5547	#46-5435	#47-5510	#48-5661	#49-5615	#50-5358
#51-5412	#52-5469	#53-5674	#54-5418	#55-5368	#56-5613	#57-5398	#58-5256	#59-5685	#60-5463
#61-5694	#62-5424	#63-5491	#64-5699	#65-5631	#66-5579	#67-5286	#68-5266	#69-5287	#70-5582
#71-5585	#72-5279	#73-5356	#74-5623	#75-5686	#76-5590	#77-5399	#78-5496	#79-5457	#80-5460
#81-5602	#82-5603	#83-5706	#84-5683	#85-5672	#86-5658	#87-5274	#88-5516	#89-5687	#90-5381
#91-5511	#92-5577	#93-5705	#94-5536	#95-5331	#96-5578	#97-5342	#98-5375	#99-5376	#100-5539

Type 5 #0 5497.72 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	13	345298	51	0	0	360533	705882
2	3	9	483677	55	1731	1541	218768	705882
3	1	8	284931	74	0	0	420877	705882
4	1	9	299872	61	0	0	405949	705882
5	3	15	179360	64	1740	1723	522867	705882
6	3	12	351680	60	1193	1985	350844	705882
7	2	16	289924	54	1692	0	414158	705882
8	3	9	259755	93	1081	1655	443112	705882
9	2	18	580143	71	1671	0	123926	705882
10	1	5	310936	52	0	0	394894	705882
11	3	6	321666	82	1819	1032	381119	705882
12	1	14	338215	65	0	0	367602	705882
13	2	16	179835	55	1040	0	524897	705882
14	1	13	700090	89	0	0	5703	705882
15	2	5	185192	68	1344	0	519210	705882
16	3	10	29159	64	1901	1584	673046	705882
17	1	7	383945	71	0	0	321866	705882

Type 5 #3 5498.39 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	9	1153897	98	1834	1505	342470	1500000
2	3	20	91373	77	1512	1097	1405787	1500000
3	1	7	930989	58	0	0	568953	1500000
4	2	18	989703	95	1010	0	509097	1500000
5	2	11	757329	73	1121	0	741404	1500000
6	2	14	1372567	51	1122	0	126209	1500000
7	1	13	1213484	93	0	0	286423	1500000
8	3	9	782173	66	1556	1688	714385	1500000

Type 5 #6 5500.41 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	13	428632	89	1843	1185	168073	600000
2	2	9	106808	52	1568	0	491520	600000
3	2	13	455179	88	1687	0	142958	600000
4	3	9	222496	96	1183	1806	374227	600000
5	2	17	154609	88	1034	0	444181	600000
6	3	6	355033	95	1445	1951	241286	600000
7	3	15	262601	63	1497	1642	334071	600000
8	3	11	38114	86	1137	1269	559222	600000
9	1	13	56980	74	0	0	542946	600000
10	2	8	380967	67	1211	0	217688	600000
11	1	9	460637	75	0	0	139288	600000
12	1	12	356484	57	0	0	243459	600000
13	1	6	136783	61	0	0	463156	600000
14	3	9	130825	96	1043	1264	466580	600000
15	2	12	141104	67	1413	0	457349	600000
16	1	17	330030	85	0	0	269885	600000
17	3	12	440928	91	1717	1225	155857	600000
18	3	17	364150	84	1368	1729	232501	600000
19	1	6	144599	74	0	0	455327	600000
20	3	18	174710	57	1110	1565	422444	600000

Type 5 #9 5499.02 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	18	676496	97	1784	0	27408	705882
2	1	13	135938	69	0	0	569875	705882
3	3	6	347407	83	1692	1730	354804	705882
4	2	20	16820	63	1740	0	687196	705882
5	2	10	482574	100	1736	0	221372	705882
6	1	13	454062	58	0	0	251762	705882
7	1	13	195765	95	0	0	510022	705882
8	3	17	575454	61	1029	1765	127451	705882
9	1	18	584522	79	0	0	121281	705882
10	2	9	653930	94	1030	0	50734	705882
11	3	16	454369	87	1858	1829	247565	705882
12	1	14	54595	69	0	0	651218	705882
13	1	20	605836	90	0	0	99956	705882
14	3	19	510125	52	1139	1846	192616	705882

15	2	15	85715	87	1503	0	618490	705882
16	3	14	612095	72	1166	1700	90705	705882
17	2	8	638362	56	1595	0	65813	705882

Type 5 #12 5499.52 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	12	237295	62	1886	0	851604	1090909
2	3	16	479207	83	1562	1278	608613	1090909
3	2	9	565002	59	1470	0	524319	1090909
4	1	11	438010	92	0	0	652807	1090909
5	2	14	262719	56	1285	0	826793	1090909
6	3	12	906024	83	1579	1563	181494	1090909
7	1	16	999652	84	0	0	91173	1090909
8	3	19	327587	79	1548	1149	760388	1090909
9	1	19	616624	76	0	0	474209	1090909
10	3	20	898605	74	1386	1138	189558	1090909
11	3	6	727939	68	1714	1218	359834	1090909

Type 5 #15 5501.27 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	16	652561	100	0	0	347339	1000000
2	2	18	913697	50	1644	0	84559	1000000
3	2	5	514885	96	1941	0	482982	1000000
4	3	14	645753	50	1577	1355	351165	1000000
5	2	6	734753	63	1895	0	263226	1000000
6	3	17	823019	77	1674	1704	173372	1000000
7	2	20	173992	50	1830	0	824078	1000000
8	3	17	590909	96	1049	1643	406111	1000000
9	1	17	513065	92	0	0	486843	1000000
10	3	7	670819	79	1873	1522	325549	1000000
11	1	19	2866	67	0	0	997067	1000000
12	3	19	51771	90	1895	1457	944607	1000000

Type 5 #18 5498.80 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	3	15	482843	59	1433	1789	513758	1000000
2	1	5	994429	88	0	0	5483	1000000
3	3	16	798642	97	1381	1757	197929	1000000
4	3	19	490265	85	1605	1465	506410	1000000
5	3	13	768928	52	1401	1902	227613	1000000
6	1	14	86541	54	0	0	913405	1000000
7	3	13	740273	78	1146	1617	256730	1000000
8	1	19	137906	50	0	0	862044	1000000
9	2	16	610616	63	1476	0	387782	1000000
10	2	14	187326	63	1567	0	810981	1000000
11	1	19	289381	85	0	0	710534	1000000
12	1	19	387778	81	0	0	612141	1000000

Type 5 #21 5497.67 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	18	529196	60	0	0	176626	705882
2	3	18	1802	50	1334	1286	701310	705882
3	2	14	422575	53	1464	0	281737	705882
4	1	20	179434	98	0	0	526350	705882
5	3	20	435089	60	1258	1567	267788	705882
6	2	13	81135	71	1073	0	623532	705882
7	1	5	520384	80	0	0	185418	705882
8	1	20	114062	95	0	0	591725	705882
9	3	16	461309	82	1687	1564	241076	705882
10	2	5	259547	81	1414	0	444759	705882
11	2	13	684530	90	1959	0	19213	705882
12	2	20	92108	64	1282	0	612364	705882
13	2	10	120378	79	1261	0	584085	705882
14	3	5	503489	96	1875	1389	198841	705882
15	1	5	441914	90	0	0	263878	705882
16	1	11	424367	76	0	0	281439	705882
17	1	10	1381	50	0	0	704451	705882

Type 5 #24 5500.98 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	17	588186	99	1417	0	267341	857142
2	1	18	758774	99	0	0	98269	857142
3	1	8	418887	81	0	0	438174	857142
4	2	19	475695	51	1604	0	379741	857142
5	2	6	473201	74	1941	0	381852	857142
6	1	6	131112	66	0	0	725964	857142
7	2	15	369037	62	1849	0	486132	857142
8	3	18	102061	50	1388	1730	751813	857142
9	3	20	529282	84	1369	1191	325048	857142
10	2	10	731654	83	1794	0	123528	857142
11	3	5	367300	65	1092	1705	486850	857142
12	2	15	519882	71	1084	0	336034	857142
13	1	14	205416	71	0	0	651655	857142
14	1	13	405141	59	0	0	451942	857142

Type 5 #27 5500.24 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	1	8	415161	60	0	0	184779	600000
2	2	10	79120	53	1523	0	519251	600000
3	2	17	521862	89	1457	0	76503	600000
4	3	12	111379	72	1176	1369	485860	600000
5	2	10	355510	63	1779	0	242585	600000
6	2	14	50773	97	1649	0	547384	600000
7	2	14	78339	58	1129	0	520416	600000
8	2	8	432060	67	1473	0	166333	600000
9	3	17	220803	90	1543	1785	375599	600000
10	1	18	65967	53	0	0	533980	600000
11	1	5	477426	66	0	0	122508	600000
12	2	19	58400	91	1467	0	539951	600000
13	1	17	524495	57	0	0	75448	600000
14	1	14	92105	98	0	0	507797	600000
15	1	13	60712	87	0	0	539201	600000
16	1	15	136909	85	0	0	463006	600000
17	3	17	191128	76	1994	1224	405426	600000
18	3	13	69829	88	1774	1306	526827	600000
19	3	10	82618	85	1537	1878	513712	600000
20	2	7	421224	79	1915	0	176703	600000

Type 5 #29 5501.30 [Back to Summary]

Burst Segment	Number of Pulses	Chirp Width MHz	t1 usec	Pulse Width (t2) usec	t3 usec	t4 usec	t5 usec	Total Segment Length usec
1	2	14	509950	91	1963	0	154571	666666
2	1	11	347713	83	0	0	318870	666666
3	3	13	148496	91	1777	1870	514250	666666
4	2	6	145846	63	1132	0	519562	666666
5	2	16	218396	53	1675	0	446489	666666
6	2	6	371745	86	1516	0	293233	666666
7	3	12	512674	70	1509	1586	150687	666666
8	3	20	326173	99	1778	1578	336840	666666
9	3	8	434815	99	1826	1568	228160	666666
10	3	14	26256	55	1591	1734	636920	666666
11	1	5	610266	76	0	0	56324	666666
12	2	11	599093	70	1594	0	65839	666666
13	3	11	188341	54	1062	1267	475834	666666
14	2	9	235808	77	1129	0	429575	666666
15	2	8	320581	55	1778	0	344197	666666
16	2	6	266466	90	1373	0	398647	666666
17	3	15	42027	57	1431	1332	621705	666666
18	3	10	652689	97	1547	1400	10739	666666

Type 6 #1 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5335	#02-5639	#03-5544	#04-5672	#05-5483	#06-5341	#07-5493	#08-5281	#09-5328	#10-5550
#11-5480	#12-5640	#13-5380	#14-5562	#15-5514	#16-5326	#17-5713	#18-5397	#19-5556	#20-5254
#21-5563	#22-5377	#23-5289	#24-5481	#25-5461	#26-5572	#27-5549	#28-5315	#29-5322	#30-5675
#31-5308	#32-5624	#33-5687	#34-5313	#35-5707	#36-5581	#37-5252	#38-5507	#39-5704	#40-5448
#41-5256	#42-5269	#43-5294	#44-5451	#45-5588	#46-5567	#47-5383	#48-5330	#49-5378	#50-5413
#51-5305	#52-5689	#53-5343	#54-5497	#55-5511	#56-5505	#57-5441	#58-5272	#59-5494	#60-5669
#61-5691	#62-5255	#63-5600	#64-5421	#65-5265	#66-5587	#67-5317	#68-5580	#69-5657	#70-5324
#71-5456	#72-5418	#73-5357	#74-5722	#75-5543	#76-5654	#77-5720	#78-5280	#79-5597	#80-5415
#81-5710	#82-5253	#83-5660	#84-5594	#85-5540	#86-5445	#87-5536	#88-5484	#89-5460	#90-5504
#91-5290	#92-5263	#93-5573	#94-5435	#95-5251	#96-5500	#97-5528	#98-5398	#99-5304	#100-5682

Type 6 #2 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5612	#02-5581	#03-5345	#04-5679	#05-5510	#06-5410	#07-5399	#08-5488	#09-5504	#10-5706
#11-5311	#12-5338	#13-5418	#14-5330	#15-5717	#16-5501	#17-5384	#18-5580	#19-5512	#20-5696
#21-5682	#22-5578	#23-5529	#24-5331	#25-5372	#26-5569	#27-5596	#28-5480	#29-5562	#30-5614
#31-5554	#32-5365	#33-5328	#34-5498	#35-5586	#36-5589	#37-5541	#38-5375	#39-5335	#40-5724
#41-5308	#42-5677	#43-5484	#44-5428	#45-5354	#46-5258	#47-5723	#48-5393	#49-5542	#50-5516
#51-5711	#52-5654	#53-5253	#54-5388	#55-5499	#56-5387	#57-5566	#58-5528	#59-5616	#60-5394
#61-5421	#62-5509	#63-5303	#64-5252	#65-5469	#66-5639	#67-5520	#68-5288	#69-5610	#70-5623
#71-5577	#72-5572	#73-5669	#74-5465	#75-5587	#76-5481	#77-5269	#78-5348	#79-5567	#80-5436
#81-5325	#82-5359	#83-5339	#84-5404	#85-5534	#86-5532	#87-5687	#88-5358	#89-5505	#90-5700
#91-5374	#92-5352	#93-5513	#94-5334	#95-5597	#96-5503	#97-5379	#98-5350	#99-5668	#100-5490

Type 6 #3 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5547	#02-5652	#03-5442	#04-5351	#05-5665	#06-5502	#07-5397	#08-5374	#09-5323	#10-5666
#11-5592	#12-5360	#13-5452	#14-5431	#15-5609	#16-5578	#17-5328	#18-5273	#19-5470	#20-5708
#21-5321	#22-5596	#23-5544	#24-5362	#25-5324	#26-5396	#27-5490	#28-5694	#29-5466	#30-5492
#31-5650	#32-5593	#33-5614	#34-5411	#35-5686	#36-5433	#37-5435	#38-5685	#39-5514	#40-5432
#41-5283	#42-5507	#43-5425	#44-5403	#45-5606	#46-5415	#47-5619	#48-5525	#49-5272	#50-5645
#51-5653	#52-5476	#53-5306	#54-5622	#55-5713	#56-5590	#57-5355	#58-5354	#59-5449	#60-5349
#61-5251	#62-5491	#63-5563	#64-5270	#65-5647	#66-5395	#67-5460	#68-5510	#69-5443	#70-5286
#71-5662	#72-5418	#73-5444	#74-5572	#75-5722	#76-5336	#77-5387	#78-5314	#79-5329	#80-5409
#81-5630	#82-5327	#83-5558	#84-5408	#85-5423	#86-5636	#87-5293	#88-5394	#89-5696	#90-5379
#91-5536	#92-5331	#93-5392	#94-5313	#95-5587	#96-5468	#97-5585	#98-5301	#99-5670	#100-5566

Type 6 #4 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5344	#02-5262	#03-5660	#04-5255	#05-5501	#06-5254	#07-5405	#08-5425	#09-5640	#10-5583
#11-5676	#12-5459	#13-5484	#14-5350	#15-5538	#16-5536	#17-5603	#18-5488	#19-5258	#20-5471
#21-5286	#22-5624	#23-5288	#24-5632	#25-5490	#26-5579	#27-5272	#28-5525	#29-5612	#30-5453
#31-5393	#32-5306	#33-5315	#34-5617	#35-5391	#36-5552	#37-5631	#38-5419	#39-5481	#40-5592
#41-5479	#42-5362	#43-5428	#44-5327	#45-5572	#46-5292	#47-5500	#48-5300	#49-5463	#50-5707
#51-5537	#52-5661	#53-5308	#54-5363	#55-5622	#56-5348	#57-5261	#58-5399	#59-5382	#60-5278
#61-5380	#62-5532	#63-5403	#64-5721	#65-5285	#66-5645	#67-5394	#68-5426	#69-5696	#70-5319
#71-5502	#72-5531	#73-5512	#74-5584	#75-5555	#76-5643	#77-5496	#78-5475	#79-5398	#80-5470
#81-5581	#82-5369	#83-5257	#84-5504	#85-5494	#86-5454	#87-5620	#88-5269	#89-5693	#90-5451
#91-5621	#92-5648	#93-5576	#94-5256	#95-5580	#96-5630	#97-5287	#98-5260	#99-5467	#100-5409

Type 6 #5 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5465	#02-5501	#03-5575	#04-5287	#05-5518	#06-5342	#07-5587	#08-5611	#09-5399	#10-5605
#11-5634	#12-5676	#13-5283	#14-5577	#15-5278	#16-5391	#17-5625	#18-5697	#19-5326	#20-5299
#21-5403	#22-5635	#23-5330	#24-5529	#25-5688	#26-5631	#27-5317	#28-5530	#29-5641	#30-5569
#31-5361	#32-5460	#33-5363	#34-5685	#35-5652	#36-5481	#37-5653	#38-5456	#39-5661	#40-5527
#41-5406	#42-5462	#43-5543	#44-5570	#45-5322	#46-5669	#47-5615	#48-5723	#49-5703	#50-5438
#51-5255	#52-5315	#53-5659	#54-5418	#55-5555	#56-5420	#57-5296	#58-5323	#59-5612	#60-5275
#61-5306	#62-5694	#63-5554	#64-5494	#65-5424	#66-5563	#67-5649	#68-5522	#69-5285	#70-5523
#71-5617	#72-5666	#73-5341	#74-5485	#75-5457	#76-5268	#77-5266	#78-5318	#79-5552	#80-5452
#81-5564	#82-5295	#83-5525	#84-5670	#85-5680	#86-5347	#87-5310	#88-5607	#89-5382	#90-5350
#91-5492	#92-5714	#93-5623	#94-5356	#95-5542	#96-5431	#97-5701	#98-5561	#99-5279	#100-5385

Type 6 #6 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5525	#02-5313	#03-5464	#04-5660	#05-5564	#06-5305	#07-5596	#08-5682	#09-5479	#10-5492
#11-5715	#12-5448	#13-5623	#14-5618	#15-5367	#16-5552	#17-5461	#18-5580	#19-5285	#20-5711
#21-5272	#22-5517	#23-5424	#24-5352	#25-5408	#26-5558	#27-5637	#28-5719	#29-5371	#30-5476
#31-5252	#32-5266	#33-5390	#34-5394	#35-5617	#36-5607	#37-5375	#38-5293	#39-5327	#40-5427
#41-5544	#42-5595	#43-5250	#44-5723	#45-5603	#46-5724	#47-5463	#48-5425	#49-5495	#50-5694
#51-5526	#52-5292	#53-5363	#54-5257	#55-5614	#56-5362	#57-5501	#58-5255	#59-5393	#60-5397
#61-5687	#62-5358	#63-5265	#64-5712	#65-5431	#66-5483	#67-5473	#68-5475	#69-5670	#70-5335
#71-5536	#72-5533	#73-5452	#74-5647	#75-5423	#76-5353	#77-5529	#78-5559	#79-5273	#80-5474
#81-5401	#82-5355	#83-5451	#84-5699	#85-5276	#86-5387	#87-5598	#88-5288	#89-5659	#90-5280
#91-5581	#92-5487	#93-5709	#94-5261	#95-5422	#96-5490	#97-5674	#98-5550	#99-5609	#100-5568

Type 6 #7 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5483	#02-5635	#03-5334	#04-5440	#05-5258	#06-5697	#07-5420	#08-5694	#09-5373	#10-5463
#11-5681	#12-5510	#13-5456	#14-5335	#15-5472	#16-5424	#17-5461	#18-5498	#19-5273	#20-5503
#21-5596	#22-5410	#23-5438	#24-5341	#25-5357	#26-5318	#27-5433	#28-5323	#29-5648	#30-5517
#31-5521	#32-5608	#33-5466	#34-5366	#35-5302	#36-5537	#37-5486	#38-5626	#39-5592	#40-5689
#41-5631	#42-5368	#43-5530	#44-5324	#45-5475	#46-5690	#47-5284	#48-5629	#49-5452	#50-5376
#51-5397	#52-5310	#53-5544	#54-5705	#55-5289	#56-5649	#57-5251	#58-5641	#59-5590	#60-5352
#61-5511	#62-5299	#63-5540	#64-5414	#65-5364	#66-5627	#67-5715	#68-5340	#69-5283	#70-5660
#71-5662	#72-5560	#73-5308	#74-5477	#75-5605	#76-5591	#77-5392	#78-5528	#79-5522	#80-5369
#81-5460	#82-5313	#83-5485	#84-5326	#85-5378	#86-5535	#87-5569	#88-5286	#89-5490	#90-5427
#91-5582	#92-5552	#93-5365	#94-5684	#95-5573	#96-5699	#97-5669	#98-5562	#99-5404	#100-5358

Type 6 #8 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5536	#02-5294	#03-5612	#04-5300	#05-5448	#06-5318	#07-5708	#08-5428	#09-5268	#10-5628
#11-5563	#12-5479	#13-5263	#14-5630	#15-5374	#16-5343	#17-5523	#18-5390	#19-5605	#20-5264
#21-5649	#22-5489	#23-5404	#24-5417	#25-5339	#26-5656	#27-5328	#28-5333	#29-5531	#30-5306
#31-5552	#32-5377	#33-5515	#34-5648	#35-5519	#36-5422	#37-5444	#38-5403	#39-5534	#40-5320
#41-5259	#42-5469	#43-5691	#44-5393	#45-5345	#46-5289	#47-5344	#48-5611	#49-5529	#50-5457
#51-5282	#52-5280	#53-5703	#54-5302	#55-5349	#56-5659	#57-5488	#58-5572	#59-5261	#60-5352
#61-5473	#62-5546	#63-5451	#64-5548	#65-5684	#66-5693	#67-5411	#68-5585	#69-5365	#70-5418
#71-5348	#72-5258	#73-5673	#74-5408	#75-5689	#76-5660	#77-5713	#78-5492	#79-5293	#80-5672
#81-5528	#82-5440	#83-5486	#84-5533	#85-5443	#86-5392	#87-5303	#88-5600	#89-5557	#90-5458
#91-5723	#92-5366	#93-5433	#94-5395	#95-5666	#96-5521	#97-5329	#98-5483	#99-5496	#100-5361

Type 6 #9 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5359	#02-5273	#03-5332	#04-5545	#05-5337	#06-5414	#07-5671	#08-5720	#09-5529	#10-5313
#11-5319	#12-5569	#13-5267	#14-5260	#15-5312	#16-5401	#17-5499	#18-5269	#19-5531	#20-5489
#21-5586	#22-5614	#23-5556	#24-5700	#25-5544	#26-5718	#27-5441	#28-5413	#29-5723	#30-5478
#31-5523	#32-5382	#33-5417	#34-5331	#35-5463	#36-5451	#37-5623	#38-5304	#39-5654	#40-5562
#41-5659	#42-5296	#43-5588	#44-5377	#45-5655	#46-5459	#47-5652	#48-5519	#49-5424	#50-5677
#51-5256	#52-5500	#53-5469	#54-5263	#55-5570	#56-5518	#57-5420	#58-5479	#59-5557	#60-5560
#61-5521	#62-5437	#63-5575	#64-5573	#65-5675	#66-5601	#67-5690	#68-5642	#69-5685	#70-5326
#71-5509	#72-5361	#73-5416	#74-5707	#75-5485	#76-5453	#77-5571	#78-5375	#79-5587	#80-5450
#81-5303	#82-5511	#83-5443	#84-5425	#85-5255	#86-5373	#87-5348	#88-5527	#89-5251	#90-5610
#91-5702	#92-5643	#93-5458	#94-5284	#95-5476	#96-5508	#97-5661	#98-5715	#99-5351	#100-5357

Type 6 #10 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5496	#02-5321	#03-5327	#04-5505	#05-5674	#06-5311	#07-5657	#08-5317	#09-5373	#10-5724
#11-5548	#12-5428	#13-5448	#14-5385	#15-5268	#16-5562	#17-5702	#18-5259	#19-5684	#20-5614
#21-5347	#22-5508	#23-5535	#24-5570	#25-5537	#26-5679	#27-5416	#28-5328	#29-5513	#30-5685
#31-5569	#32-5409	#33-5336	#34-5653	#35-5658	#36-5295	#37-5568	#38-5551	#39-5340	#40-5594
#41-5659	#42-5486	#43-5345	#44-5280	#45-5560	#46-5285	#47-5457	#48-5670	#49-5706	#50-5499
#51-5462	#52-5296	#53-5399	#54-5538	#55-5517	#56-5387	#57-5356	#58-5491	#59-5713	#60-5585
#61-5289	#62-5703	#63-5269	#64-5362	#65-5456	#66-5334	#67-5516	#68-5383	#69-5432	#70-5376
#71-5530	#72-5439	#73-5540	#74-5701	#75-5644	#76-5683	#77-5382	#78-5553	#79-5704	#80-5320
#81-5671	#82-5504	#83-5370	#84-5503	#85-5633	#86-5414	#87-5708	#88-5353	#89-5625	#90-5663
#91-5366	#92-5260	#93-5372	#94-5404	#95-5550	#96-5523	#97-5629	#98-5443	#99-5258	#100-5369

Type 6 #11 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5410	#02-5437	#03-5533	#04-5580	#05-5281	#06-5310	#07-5633	#08-5322	#09-5677	#10-5689
#11-5263	#12-5475	#13-5268	#14-5610	#15-5640	#16-5430	#17-5685	#18-5591	#19-5529	#20-5503
#21-5340	#22-5560	#23-5703	#24-5253	#25-5415	#26-5478	#27-5370	#28-5691	#29-5361	#30-5425
#31-5514	#32-5521	#33-5545	#34-5594	#35-5603	#36-5458	#37-5663	#38-5375	#39-5601	#40-5408
#41-5390	#42-5325	#43-5504	#44-5528	#45-5463	#46-5577	#47-5391	#48-5254	#49-5564	#50-5632
#51-5346	#52-5697	#53-5278	#54-5604	#55-5467	#56-5569	#57-5710	#58-5578	#59-5562	#60-5265
#61-5339	#62-5344	#63-5341	#64-5712	#65-5589	#66-5378	#67-5402	#68-5653	#69-5651	#70-5397
#71-5674	#72-5631	#73-5363	#74-5694	#75-5420	#76-5424	#77-5572	#78-5565	#79-5724	#80-5716
#81-5343	#82-5422	#83-5615	#84-5555	#85-5552	#86-5364	#87-5489	#88-5433	#89-5373	#90-5486
#91-5404	#92-5607	#93-5289	#94-5349	#95-5320	#96-5619	#97-5296	#98-5597	#99-5608	#100-5260

Type 6 #12 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5643	#02-5640	#03-5496	#04-5602	#05-5500	#06-5713	#07-5597	#08-5498	#09-5680	#10-5573
#11-5572	#12-5259	#13-5538	#14-5412	#15-5468	#16-5491	#17-5508	#18-5601	#19-5540	#20-5280
#21-5702	#22-5567	#23-5541	#24-5277	#25-5424	#26-5465	#27-5296	#28-5645	#29-5448	#30-5376
#31-5268	#32-5671	#33-5411	#34-5353	#35-5570	#36-5263	#37-5661	#38-5711	#39-5415	#40-5517
#41-5449	#42-5548	#43-5284	#44-5698	#45-5279	#46-5536	#47-5515	#48-5577	#49-5378	#50-5513
#51-5720	#52-5317	#53-5361	#54-5283	#55-5326	#56-5349	#57-5469	#58-5427	#59-5666	#60-5676
#61-5299	#62-5554	#63-5625	#64-5435	#65-5566	#66-5454	#67-5261	#68-5615	#69-5374	#70-5487
#71-5502	#72-5506	#73-5304	#74-5395	#75-5654	#76-5505	#77-5318	#78-5319	#79-5587	#80-5273
#81-5603	#82-5494	#83-5639	#84-5442	#85-5473	#86-5565	#87-5399	#88-5719	#89-5455	#90-5322
#91-5430	#92-5350	#93-5674	#94-5372	#95-5501	#96-5355	#97-5667	#98-5599	#99-5307	#100-5282

Type 6 #13 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5354	#02-5410	#03-5608	#04-5704	#05-5691	#06-5531	#07-5271	#08-5524	#09-5365	#10-5322
#11-5540	#12-5362	#13-5668	#14-5663	#15-5626	#16-5646	#17-5352	#18-5274	#19-5301	#20-5706
#21-5690	#22-5554	#23-5556	#24-5671	#25-5496	#26-5336	#27-5643	#28-5660	#29-5425	#30-5538
#31-5436	#32-5321	#33-5276	#34-5286	#35-5572	#36-5312	#37-5682	#38-5420	#39-5277	#40-5649
#41-5300	#42-5630	#43-5710	#44-5601	#45-5558	#46-5416	#47-5291	#48-5677	#49-5403	#50-5283
#51-5516	#52-5433	#53-5316	#54-5525	#55-5579	#56-5661	#57-5458	#58-5605	#59-5612	#60-5349
#61-5552	#62-5610	#63-5469	#64-5335	#65-5631	#66-5341	#67-5563	#68-5688	#69-5657	#70-5722
#71-5377	#72-5656	#73-5309	#74-5568	#75-5679	#76-5310	#77-5502	#78-5476	#79-5618	#80-5472
#81-5384	#82-5530	#83-5694	#84-5296	#85-5270	#86-5686	#87-5396	#88-5689	#89-5407	#90-5716
#91-5350	#92-5652	#93-5325	#94-5453	#95-5713	#96-5471	#97-5389	#98-5257	#99-5681	#100-5624

Type 6 #14 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5546	#02-5398	#03-5353	#04-5386	#05-5442	#06-5601	#07-5417	#08-5457	#09-5664	#10-5492
#11-5661	#12-5294	#13-5354	#14-5667	#15-5695	#16-5575	#17-5340	#18-5691	#19-5502	#20-5411
#21-5688	#22-5278	#23-5684	#24-5401	#25-5415	#26-5484	#27-5638	#28-5367	#29-5391	#30-5316
#31-5687	#32-5559	#33-5449	#34-5538	#35-5293	#36-5624	#37-5497	#38-5655	#39-5715	#40-5508
#41-5397	#42-5582	#43-5280	#44-5349	#45-5295	#46-5500	#47-5435	#48-5298	#49-5535	#50-5479
#51-5520	#52-5660	#53-5518	#54-5438	#55-5503	#56-5710	#57-5277	#58-5522	#59-5425	#60-5699
#61-5679	#62-5468	#63-5407	#64-5532	#65-5441	#66-5444	#67-5572	#68-5420	#69-5429	#70-5605
#71-5351	#72-5584	#73-5370	#74-5387	#75-5656	#76-5342	#77-5505	#78-5544	#79-5623	#80-5515
#81-5639	#82-5470	#83-5461	#84-5418	#85-5599	#86-5265	#87-5326	#88-5553	#89-5552	#90-5343
#91-5627	#92-5341	#93-5632	#94-5350	#95-5480	#96-5637	#97-5336	#98-5643	#99-5589	#100-5685

Type 6 #15 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5653	#02-5366	#03-5408	#04-5430	#05-5645	#06-5492	#07-5384	#08-5621	#09-5536	#10-5307
#11-5267	#12-5526	#13-5698	#14-5283	#15-5684	#16-5261	#17-5255	#18-5669	#19-5569	#20-5294
#21-5487	#22-5611	#23-5278	#24-5485	#25-5414	#26-5549	#27-5444	#28-5392	#29-5269	#30-5263
#31-5597	#32-5300	#33-5509	#34-5609	#35-5345	#36-5259	#37-5419	#38-5486	#39-5498	#40-5666
#41-5657	#42-5265	#43-5285	#44-5610	#45-5305	#46-5367	#47-5598	#48-5390	#49-5469	#50-5631
#51-5391	#52-5323	#53-5545	#54-5448	#55-5292	#56-5321	#57-5379	#58-5481	#59-5667	#60-5665
#61-5478	#62-5517	#63-5395	#64-5475	#65-5439	#66-5399	#67-5588	#68-5251	#69-5561	#70-5432
#71-5320	#72-5352	#73-5554	#74-5595	#75-5393	#76-5429	#77-5296	#78-5675	#79-5303	#80-5648
#81-5362	#82-5596	#83-5523	#84-5479	#85-5310	#86-5567	#87-5273	#88-5605	#89-5555	#90-5250
#91-5428	#92-5472	#93-5715	#94-5465	#95-5449	#96-5527	#97-5467	#98-5683	#99-5252	#100-5442

Type 6 #16 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5619	#02-5421	#03-5312	#04-5711	#05-5489	#06-5435	#07-5716	#08-5612	#09-5555	#10-5405
#11-5423	#12-5597	#13-5721	#14-5378	#15-5556	#16-5565	#17-5371	#18-5335	#19-5427	#20-5351
#21-5376	#22-5373	#23-5268	#24-5653	#25-5599	#26-5367	#27-5476	#28-5501	#29-5431	#30-5292
#31-5637	#32-5520	#33-5286	#34-5416	#35-5395	#36-5686	#37-5710	#38-5545	#39-5564	#40-5363
#41-5598	#42-5317	#43-5542	#44-5592	#45-5558	#46-5524	#47-5617	#48-5687	#49-5345	#50-5709
#51-5506	#52-5488	#53-5341	#54-5492	#55-5298	#56-5293	#57-5307	#58-5614	#59-5490	#60-5360
#61-5374	#62-5362	#63-5510	#64-5326	#65-5684	#66-5411	#67-5603	#68-5477	#69-5349	#70-5606
#71-5650	#72-5712	#73-5503	#74-5305	#75-5451	#76-5310	#77-5290	#78-5568	#79-5583	#80-5539
#81-5380	#82-5282	#83-5670	#84-5648	#85-5346	#86-5642	#87-5561	#88-5478	#89-5324	#90-5253
#91-5473	#92-5679	#93-5281	#94-5515	#95-5562	#96-5456	#97-5333	#98-5593	#99-5609	#100-5625

Type 6 #17 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5562	#02-5353	#03-5714	#04-5718	#05-5567	#06-5722	#07-5574	#08-5474	#09-5631	#10-5546
#11-5288	#12-5305	#13-5380	#14-5294	#15-5263	#16-5314	#17-5686	#18-5641	#19-5253	#20-5377
#21-5576	#22-5709	#23-5279	#24-5350	#25-5419	#26-5519	#27-5416	#28-5255	#29-5376	#30-5455
#31-5466	#32-5423	#33-5480	#34-5444	#35-5659	#36-5325	#37-5563	#38-5497	#39-5254	#40-5417
#41-5431	#42-5435	#43-5624	#44-5626	#45-5471	#46-5585	#47-5523	#48-5392	#49-5372	#50-5677
#51-5605	#52-5711	#53-5368	#54-5684	#55-5617	#56-5397	#57-5452	#58-5407	#59-5468	#60-5504
#61-5341	#62-5606	#63-5625	#64-5575	#65-5421	#66-5685	#67-5610	#68-5327	#69-5481	#70-5373
#71-5408	#72-5528	#73-5569	#74-5450	#75-5518	#76-5298	#77-5555	#78-5457	#79-5332	#80-5514
#81-5542	#82-5707	#83-5458	#84-5448	#85-5699	#86-5461	#87-5652	#88-5361	#89-5339	#90-5510
#91-5638	#92-5340	#93-5613	#94-5267	#95-5251	#96-5621	#97-5413	#98-5486	#99-5600	#100-5374

Type 6 #18 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5374	#02-5552	#03-5565	#04-5365	#05-5416	#06-5604	#07-5404	#08-5577	#09-5261	#10-5519
#11-5258	#12-5282	#13-5314	#14-5642	#15-5366	#16-5698	#17-5379	#18-5474	#19-5683	#20-5691
#21-5392	#22-5588	#23-5495	#24-5438	#25-5680	#26-5433	#27-5516	#28-5402	#29-5391	#30-5287
#31-5527	#32-5571	#33-5639	#34-5418	#35-5583	#36-5630	#37-5607	#38-5584	#39-5294	#40-5297
#41-5681	#42-5486	#43-5499	#44-5368	#45-5332	#46-5581	#47-5678	#48-5333	#49-5504	#50-5440
#51-5290	#52-5682	#53-5528	#54-5634	#55-5706	#56-5510	#57-5307	#58-5377	#59-5410	#60-5708
#61-5337	#62-5252	#63-5435	#64-5717	#65-5411	#66-5367	#67-5621	#68-5309	#69-5461	#70-5340
#71-5520	#72-5429	#73-5635	#74-5259	#75-5339	#76-5356	#77-5349	#78-5479	#79-5623	#80-5676
#81-5722	#82-5570	#83-5293	#84-5255	#85-5436	#86-5322	#87-5573	#88-5480	#89-5424	#90-5311
#91-5685	#92-5679	#93-5301	#94-5525	#95-5375	#96-5645	#97-5463	#98-5274	#99-5292	#100-5502

Type 6 #19 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5617	#02-5624	#03-5325	#04-5421	#05-5654	#06-5271	#07-5310	#08-5478	#09-5629	#10-5353
#11-5484	#12-5701	#13-5397	#14-5368	#15-5362	#16-5434	#17-5712	#18-5613	#19-5584	#20-5345
#21-5675	#22-5304	#23-5579	#24-5538	#25-5251	#26-5435	#27-5610	#28-5422	#29-5408	#30-5580
#31-5576	#32-5476	#33-5317	#34-5400	#35-5355	#36-5360	#37-5625	#38-5643	#39-5459	#40-5363
#41-5557	#42-5305	#43-5575	#44-5542	#45-5548	#46-5703	#47-5526	#48-5351	#49-5597	#50-5286
#51-5404	#52-5489	#53-5399	#54-5384	#55-5666	#56-5570	#57-5471	#58-5607	#59-5653	#60-5560
#61-5424	#62-5470	#63-5498	#64-5632	#65-5474	#66-5330	#67-5692	#68-5256	#69-5323	#70-5336
#71-5694	#72-5375	#73-5707	#74-5536	#75-5620	#76-5453	#77-5715	#78-5272	#79-5634	#80-5509
#81-5550	#82-5371	#83-5425	#84-5327	#85-5657	#86-5458	#87-5510	#88-5614	#89-5267	#90-5623
#91-5663	#92-5501	#93-5559	#94-5558	#95-5344	#96-5524	#97-5364	#98-5416	#99-5572	#100-5296

Type 6 #20 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5366	#02-5435	#03-5617	#04-5630	#05-5651	#06-5639	#07-5480	#08-5348	#09-5323	#10-5545
#11-5397	#12-5484	#13-5471	#14-5434	#15-5318	#16-5704	#17-5476	#18-5293	#19-5284	#20-5311
#21-5376	#22-5641	#23-5374	#24-5325	#25-5415	#26-5276	#27-5421	#28-5715	#29-5697	#30-5635
#31-5334	#32-5412	#33-5393	#34-5428	#35-5375	#36-5274	#37-5271	#38-5460	#39-5253	#40-5338
#41-5650	#42-5324	#43-5597	#44-5339	#45-5607	#46-5455	#47-5612	#48-5373	#49-5538	#50-5710
#51-5308	#52-5701	#53-5505	#54-5575	#55-5474	#56-5454	#57-5652	#58-5332	#59-5573	#60-5487
#61-5312	#62-5321	#63-5328	#64-5255	#65-5668	#66-5619	#67-5503	#68-5269	#69-5263	#70-5372
#71-5287	#72-5623	#73-5251	#74-5542	#75-5661	#76-5539	#77-5509	#78-5511	#79-5521	#80-5427
#81-5403	#82-5370	#83-5398	#84-5553	#85-5524	#86-5532	#87-5646	#88-5490	#89-5413	#90-5414
#91-5252	#92-5519	#93-5663	#94-5560	#95-5359	#96-5353	#97-5525	#98-5384	#99-5592	#100-5270

Type 6 #21 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5710	#02-5607	#03-5574	#04-5656	#05-5518	#06-5363	#07-5548	#08-5489	#09-5700	#10-5515
#11-5619	#12-5650	#13-5610	#14-5519	#15-5315	#16-5381	#17-5469	#18-5446	#19-5292	#20-5451
#21-5522	#22-5551	#23-5458	#24-5723	#25-5273	#26-5576	#27-5600	#28-5673	#29-5408	#30-5720
#31-5535	#32-5349	#33-5413	#34-5670	#35-5523	#36-5593	#37-5419	#38-5347	#39-5250	#40-5437
#41-5623	#42-5358	#43-5594	#44-5449	#45-5394	#46-5494	#47-5702	#48-5609	#49-5329	#50-5341
#51-5391	#52-5472	#53-5399	#54-5633	#55-5666	#56-5487	#57-5599	#58-5514	#59-5542	#60-5520
#61-5364	#62-5510	#63-5356	#64-5370	#65-5582	#66-5601	#67-5422	#68-5598	#69-5353	#70-5560
#71-5614	#72-5403	#73-5377	#74-5455	#75-5428	#76-5722	#77-5641	#78-5676	#79-5254	#80-5521
#81-5672	#82-5685	#83-5332	#84-5473	#85-5461	#86-5620	#87-5506	#88-5479	#89-5663	#90-5288
#91-5374	#92-5257	#93-5632	#94-5468	#95-5287	#96-5675	#97-5294	#98-5563	#99-5686	#100-5538

Type 6 #22 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5281	#02-5420	#03-5516	#04-5268	#05-5603	#06-5625	#07-5695	#08-5633	#09-5351	#10-5573
#11-5635	#12-5641	#13-5339	#14-5666	#15-5605	#16-5310	#17-5468	#18-5457	#19-5358	#20-5649
#21-5438	#22-5417	#23-5304	#24-5602	#25-5258	#26-5458	#27-5356	#28-5650	#29-5684	#30-5683
#31-5711	#32-5456	#33-5518	#34-5302	#35-5669	#36-5601	#37-5474	#38-5509	#39-5279	#40-5661
#41-5526	#42-5459	#43-5341	#44-5542	#45-5407	#46-5614	#47-5551	#48-5577	#49-5554	#50-5350
#51-5589	#52-5366	#53-5639	#54-5477	#55-5594	#56-5588	#57-5707	#58-5392	#59-5435	#60-5546
#61-5291	#62-5552	#63-5592	#64-5389	#65-5408	#66-5480	#67-5502	#68-5424	#69-5441	#70-5656
#71-5674	#72-5285	#73-5383	#74-5626	#75-5418	#76-5374	#77-5604	#78-5437	#79-5646	#80-5297
#81-5519	#82-5636	#83-5535	#84-5631	#85-5721	#86-5485	#87-5579	#88-5498	#89-5373	#90-5349
#91-5415	#92-5497	#93-5403	#94-5486	#95-5638	#96-5671	#97-5259	#98-5287	#99-5515	#100-5533

Type 6 #23 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5378	#02-5255	#03-5616	#04-5337	#05-5467	#06-5353	#07-5289	#08-5361	#09-5686	#10-5590
#11-5581	#12-5518	#13-5445	#14-5420	#15-5345	#16-5512	#17-5424	#18-5453	#19-5283	#20-5460
#21-5476	#22-5651	#23-5322	#24-5506	#25-5321	#26-5450	#27-5676	#28-5257	#29-5350	#30-5510
#31-5599	#32-5270	#33-5347	#34-5592	#35-5479	#36-5688	#37-5411	#38-5466	#39-5309	#40-5672
#41-5554	#42-5396	#43-5723	#44-5641	#45-5508	#46-5683	#47-5315	#48-5543	#49-5409	#50-5559
#51-5558	#52-5481	#53-5323	#54-5626	#55-5328	#56-5544	#57-5555	#58-5395	#59-5627	#60-5338
#61-5459	#62-5261	#63-5426	#64-5716	#65-5561	#66-5421	#67-5577	#68-5665	#69-5382	#70-5351
#71-5433	#72-5699	#73-5646	#74-5505	#75-5538	#76-5492	#77-5611	#78-5439	#79-5675	#80-5290
#81-5513	#82-5274	#83-5690	#84-5401	#85-5393	#86-5580	#87-5320	#88-5367	#89-5696	#90-5462
#91-5695	#92-5330	#93-5355	#94-5374	#95-5410	#96-5308	#97-5601	#98-5507	#99-5535	#100-5705

Type 6 #24 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5548	#02-5470	#03-5690	#04-5582	#05-5384	#06-5452	#07-5270	#08-5320	#09-5476	#10-5675
#11-5297	#12-5397	#13-5612	#14-5514	#15-5713	#16-5495	#17-5316	#18-5252	#19-5300	#20-5353
#21-5534	#22-5510	#23-5450	#24-5387	#25-5486	#26-5279	#27-5607	#28-5323	#29-5640	#30-5256
#31-5463	#32-5710	#33-5577	#34-5648	#35-5615	#36-5462	#37-5707	#38-5494	#39-5442	#40-5472
#41-5468	#42-5307	#43-5282	#44-5665	#45-5585	#46-5422	#47-5537	#48-5308	#49-5504	#50-5485
#51-5602	#52-5263	#53-5404	#54-5429	#55-5381	#56-5722	#57-5716	#58-5438	#59-5402	#60-5284
#61-5291	#62-5658	#63-5626	#64-5662	#65-5314	#66-5604	#67-5399	#68-5333	#69-5483	#70-5605
#71-5315	#72-5259	#73-5477	#74-5643	#75-5581	#76-5319	#77-5335	#78-5703	#79-5358	#80-5563
#81-5435	#82-5331	#83-5709	#84-5528	#85-5451	#86-5283	#87-5272	#88-5257	#89-5566	#90-5357
#91-5700	#92-5271	#93-5627	#94-5721	#95-5673	#96-5395	#97-5677	#98-5596	#99-5329	#100-5369

Type 6 #25 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5317	#02-5427	#03-5539	#04-5679	#05-5518	#06-5348	#07-5545	#08-5418	#09-5318	#10-5380
#11-5571	#12-5724	#13-5711	#14-5486	#15-5503	#16-5326	#17-5703	#18-5473	#19-5385	#20-5496
#21-5606	#22-5454	#23-5361	#24-5615	#25-5349	#26-5483	#27-5460	#28-5630	#29-5463	#30-5639
#31-5723	#32-5569	#33-5426	#34-5302	#35-5298	#36-5549	#37-5537	#38-5489	#39-5495	#40-5602
#41-5316	#42-5399	#43-5673	#44-5408	#45-5441	#46-5342	#47-5252	#48-5336	#49-5635	#50-5708
#51-5546	#52-5334	#53-5603	#54-5407	#55-5457	#56-5445	#57-5660	#58-5583	#59-5442	#60-5465
#61-5313	#62-5657	#63-5250	#64-5391	#65-5309	#66-5450	#67-5278	#68-5403	#69-5661	#70-5621
#71-5251	#72-5253	#73-5387	#74-5554	#75-5686	#76-5667	#77-5665	#78-5292	#79-5367	#80-5627
#81-5377	#82-5406	#83-5656	#84-5273	#85-5341	#86-5424	#87-5636	#88-5409	#89-5575	#90-5433
#91-5467	#92-5672	#93-5266	#94-5381	#95-5617	#96-5699	#97-5658	#98-5337	#99-5542	#100-5671

Type 6 #26 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5298	#02-5445	#03-5515	#04-5505	#05-5617	#06-5466	#07-5539	#08-5338	#09-5632	#10-5251
#11-5548	#12-5368	#13-5692	#14-5275	#15-5387	#16-5311	#17-5570	#18-5316	#19-5339	#20-5569
#21-5536	#22-5371	#23-5469	#24-5719	#25-5648	#26-5635	#27-5474	#28-5653	#29-5443	#30-5432
#31-5607	#32-5455	#33-5394	#34-5375	#35-5420	#36-5551	#37-5561	#38-5662	#39-5595	#40-5487
#41-5526	#42-5373	#43-5623	#44-5413	#45-5592	#46-5597	#47-5379	#48-5270	#49-5456	#50-5698
#51-5384	#52-5652	#53-5700	#54-5520	#55-5581	#56-5706	#57-5716	#58-5610	#59-5619	#60-5449
#61-5406	#62-5666	#63-5637	#64-5547	#65-5625	#66-5484	#67-5258	#68-5378	#69-5643	#70-5699
#71-5299	#72-5253	#73-5471	#74-5342	#75-5571	#76-5303	#77-5401	#78-5481	#79-5259	#80-5447
#81-5281	#82-5705	#83-5680	#84-5428	#85-5709	#86-5326	#87-5309	#88-5710	#89-5590	#90-5594
#91-5362	#92-5370	#93-5616	#94-5537	#95-5724	#96-5335	#97-5333	#98-5696	#99-5649	#100-5555

Type 6 #27 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5484	#02-5359	#03-5518	#04-5298	#05-5396	#06-5583	#07-5514	#08-5406	#09-5537	#10-5427
#11-5496	#12-5453	#13-5278	#14-5423	#15-5464	#16-5714	#17-5432	#18-5493	#19-5669	#20-5413
#21-5289	#22-5605	#23-5640	#24-5473	#25-5458	#26-5658	#27-5656	#28-5588	#29-5481	#30-5649
#31-5364	#32-5356	#33-5399	#34-5445	#35-5319	#36-5441	#37-5543	#38-5654	#39-5450	#40-5642
#41-5554	#42-5302	#43-5347	#44-5634	#45-5341	#46-5443	#47-5322	#48-5260	#49-5627	#50-5564
#51-5276	#52-5486	#53-5516	#54-5604	#55-5294	#56-5463	#57-5652	#58-5651	#59-5613	#60-5312
#61-5273	#62-5346	#63-5703	#64-5394	#65-5523	#66-5563	#67-5468	#68-5495	#69-5460	#70-5552
#71-5375	#72-5376	#73-5549	#74-5566	#75-5462	#76-5515	#77-5471	#78-5271	#79-5525	#80-5446
#81-5595	#82-5608	#83-5600	#84-5704	#85-5716	#86-5629	#87-5414	#88-5452	#89-5324	#90-5538
#91-5465	#92-5461	#93-5264	#94-5250	#95-5533	#96-5306	#97-5301	#98-5317	#99-5643	#100-5265

Type 6 #28 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5621	#02-5439	#03-5385	#04-5427	#05-5591	#06-5512	#07-5551	#08-5476	#09-5720	#10-5386
#11-5518	#12-5377	#13-5634	#14-5372	#15-5670	#16-5503	#17-5555	#18-5388	#19-5648	#20-5301
#21-5260	#22-5354	#23-5722	#24-5587	#25-5257	#26-5524	#27-5638	#28-5603	#29-5552	#30-5515
#31-5532	#32-5477	#33-5688	#34-5544	#35-5334	#36-5581	#37-5452	#38-5548	#39-5664	#40-5497
#41-5311	#42-5466	#43-5328	#44-5383	#45-5355	#46-5602	#47-5588	#48-5462	#49-5475	#50-5637
#51-5394	#52-5254	#53-5517	#54-5441	#55-5522	#56-5417	#57-5583	#58-5712	#59-5597	#60-5418
#61-5596	#62-5710	#63-5624	#64-5553	#65-5585	#66-5647	#67-5353	#68-5564	#69-5709	#70-5528
#71-5674	#72-5613	#73-5643	#74-5453	#75-5651	#76-5627	#77-5646	#78-5300	#79-5390	#80-5326
#81-5610	#82-5684	#83-5276	#84-5617	#85-5308	#86-5284	#87-5689	#88-5676	#89-5297	#90-5457
#91-5397	#92-5434	#93-5410	#94-5299	#95-5252	#96-5540	#97-5323	#98-5312	#99-5305	#100-5629

Type 6 #29 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5522	#02-5318	#03-5491	#04-5681	#05-5315	#06-5587	#07-5456	#08-5342	#09-5719	#10-5572
#11-5263	#12-5711	#13-5526	#14-5692	#15-5588	#16-5599	#17-5282	#18-5668	#19-5484	#20-5565
#21-5436	#22-5305	#23-5466	#24-5467	#25-5597	#26-5298	#27-5574	#28-5678	#29-5528	#30-5703
#31-5548	#32-5628	#33-5372	#34-5344	#35-5715	#36-5518	#37-5258	#38-5611	#39-5722	#40-5707
#41-5680	#42-5463	#43-5550	#44-5420	#45-5423	#46-5498	#47-5284	#48-5677	#49-5304	#50-5448
#51-5377	#52-5369	#53-5545	#54-5313	#55-5336	#56-5262	#57-5274	#58-5464	#59-5443	#60-5539
#61-5606	#62-5388	#63-5440	#64-5593	#65-5332	#66-5403	#67-5525	#68-5591	#69-5395	#70-5670
#71-5502	#72-5610	#73-5698	#74-5480	#75-5296	#76-5293	#77-5348	#78-5622	#79-5624	#80-5329
#81-5575	#82-5428	#83-5308	#84-5702	#85-5493	#86-5519	#87-5417	#88-5433	#89-5350	#90-5541
#91-5272	#92-5682	#93-5705	#94-5341	#95-5411	#96-5330	#97-5503	#98-5582	#99-5706	#100-5363

Type 6 #30 [Back to Summary]									
This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps									
#01-5507	#02-5703	#03-5421	#04-5345	#05-5525	#06-5709	#07-5489	#08-5360	#09-5267	#10-5261
#11-5724	#12-5344	#13-5589	#14-5619	#15-5281	#16-5322	#17-5487	#18-5402	#19-5319	#20-5675
#21-5522	#22-5315	#23-5677	#24-5253	#25-5576	#26-5541	#27-5370	#28-5472	#29-5594	#30-5255
#31-5289	#32-5605	#33-5620	#34-5445	#35-5515	#36-5347	#37-5632	#38-5365	#39-5302	#40-5637
#41-5665	#42-5693	#43-5341	#44-5250	#45-5547	#46-5435	#47-5510	#48-5661	#49-5615	#50-5358
#51-5412	#52-5469	#53-5674	#54-5418	#55-5368	#56-5613	#57-5398	#58-5256	#59-5685	#60-5463
#61-5694	#62-5424	#63-5491	#64-5699	#65-5631	#66-5579	#67-5286	#68-5266	#69-5287	#70-5582
#71-5585	#72-5279	#73-5356	#74-5623	#75-5686	#76-5590	#77-5399	#78-5496	#79-5457	#80-5460
#81-5602	#82-5603	#83-5706	#84-5683	#85-5672	#86-5658	#87-5274	#88-5516	#89-5687	#90-5381
#91-5511	#92-5577	#93-5705	#94-5536	#95-5331	#96-5578	#97-5342	#98-5375	#99-5376	#100-5539

575 Boulder Court
Pleasanton, California 94566, USA
Tel: +1 (925) 462 0304
Fax: +1 (925) 462 0306
www.micomlabs.com