

TEST REPORT ADDENDUM - DFS

FROM



Test of: Hewlett Packard Enterprise APINR203, APINP203
to

To: FCC CFR 47 Part 15 Subpart E 15.407

Test Report Serial No.: HPEN96-U12_DFS Rev A

This report supersedes: NONE

As a result of the 6 Mbyte FCC file size limitation potentially large test reports require to be split into smaller components This DFS report combined with the reports listed in the table below demonstrate compliance with the 15.407 standard.

Test Reports
HPEN96-U12_DFS
HPEN96-U12 Rev A (1x1) Conducted & Radiated Data
HPEN96-U12 Rev A (2x2) Conducted & Radiated Data

Applicant: Hewlett Packard Enterprise
3000 Hanover St.
Palo Alto, California 94034
USA

Product Function: Wireless LAN Access Point

Issue Date: 13th June 2017

This Test Report is Issued Under the Authority of:

MiCOM Labs, Inc.
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Pleasanton California 94566
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MiCOM Labs is an ISO 17025 Accredited Testing Laboratory



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1. ACCREDITATION, LISTINGS & RECOGNITION

1.1. TESTING 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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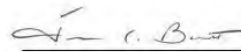
for technical competence in the field of

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.



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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

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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

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2. DOCUMENT HISTORY

Document History			
Document	Revision	Date	Comments
HPEN96-U12_DFS	Draft	23 rd May 2017	Draft for client review
HPEN96-U12_DFS	Rev A	13th May 2017	Initial release for 1x1 and 2x2 configurations

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3. TEST RESULT CERTIFICATE

Manufacturer: Hewlett Packard Enterprise 3000 Hanover St. Palo Alto California 94034 USA	Tested By: MiCOM Labs, Inc. 575 Boulder Court Pleasanton California 94566 USA
Model: APINR203, APINP203	Telephone: +1 925 462 0304
Type Of Equipment: Wireless Access Point	Fax: +1 925 462 0306
S/N's: CNCPK2T006, CNCPK2T00L CNCQK2T03Y (DFS)	
Test Date(s): 26 January - 21 February 2017 12 April – 19 May 2017 (DFS)	Website: www.micomlabs.com

STANDARD(S)	TEST RESULTS
FCC CFR 47 Part 15 Subpart E 15.407	EQUIPMENT COMPLIES

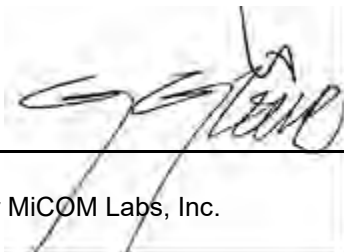
MiCOM Labs, Inc. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

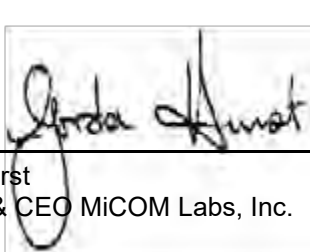
Notes:

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.



Approved & Released for MiCOM Labs, Inc. by:


 Graeme Grieve
 Quality Manager MiCOM Labs, Inc.


 Gordon Hurst
 President & CEO MiCOM Labs, Inc.

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4. REFERENCES AND MEASUREMENT UNCERTAINTY

4.1. Normative References

REF.	PUBLICATION	YEAR	TITLE
I	KDB 662911 D01 & D02	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 v02	22nd August 2016	Test guidance to demonstrate compliance for U-NII devices subject to DFS requirements.
III	KDB 926956 D01 v02	22nd August 2016	U-NII Device Transition Plan
IV	KDB 789033 D02 v01r03	22nd August 2016	General UNII Test Procedures New Rules
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	2014	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 30 2006	Memorandum Opinion and Order
XI	FCC 47 CFR Part 15.407	2016	Radio Frequency Devices; Subpart E –Unlicensed National Information Infrastructure Devices
XII	ICES-003	Issue 6 Jan 2016	Spectrum Management and Telecommunications; Interference-Causing Equipment Standard. Information Technology Equipment (Including Digital Apparatus) – 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 Licence-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	2016	FCC requirements and rules regarding photographs and test setup diagrams.

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5. MEASUREMENT AND PRESENTATION OF TEST DATA

The measurement and graphical data presented in this test report was generated automatically using state-of-the-art technology creating an easy to read report structure. Numerical measurement data is separated from supporting graphical data (plots) through hyperlinks. Numerical measurement data can be reviewed without scrolling through numerous graphical pages to arrive at the next data matrix.

Plots have been relegated into the Appendix 'Graphical Data'.

Testing and report automation was performed by [MiTest](#). [MiTest](#) is an automated test system developed by MiCOM Labs. [MiTest](#) is the first cloud based modular test system enabling end-to-end automation of regulatory compliance testing for regulatory compliance.



The MiCOM Labs "[MiTest](#)" Automated Test System" (Patent Pending)

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6. TEST SUMMARY

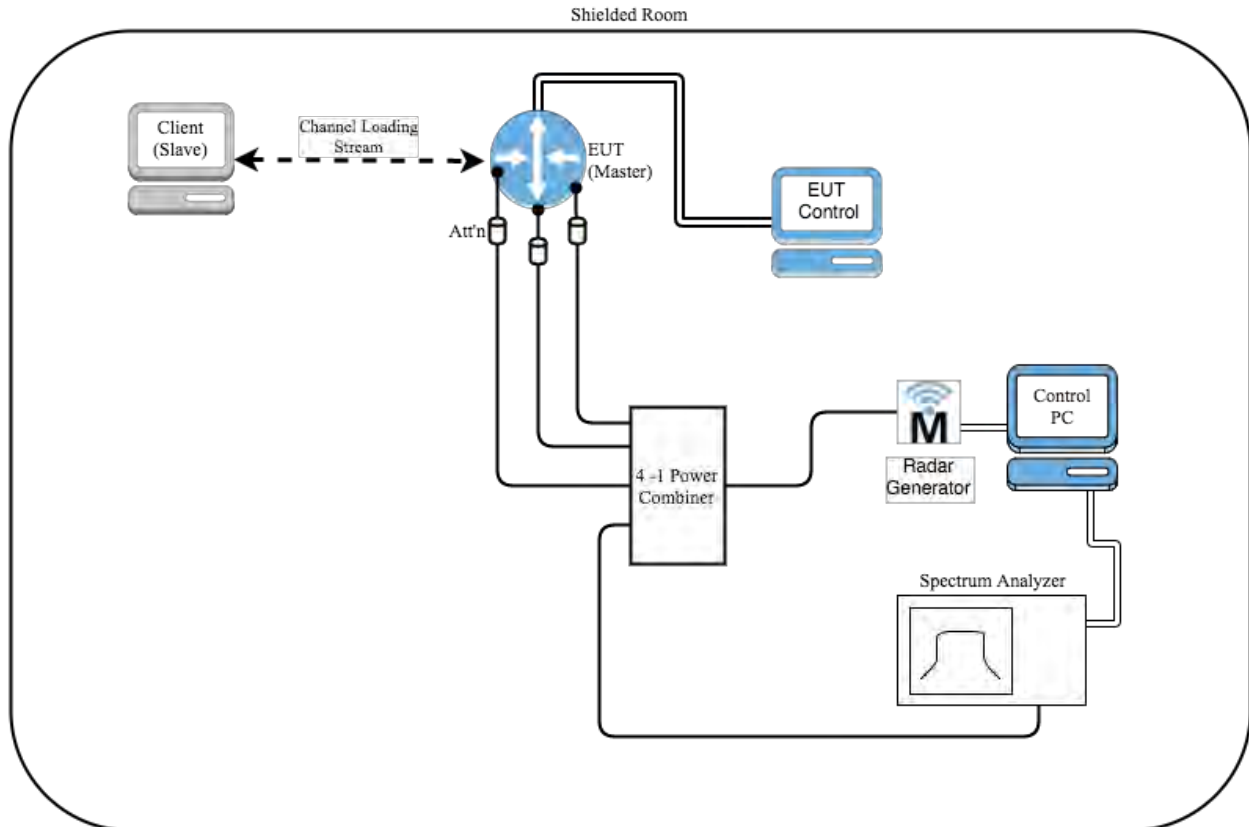
List of Measurements

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

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7. TEST EQUIPMENT CONFIGURATION(S)

7.1. DFS - Conducted



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.



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Asset#	Description	Manufacturer	Model#	Serial#	Calibration Due Date
158	Barometer/Thermometer	Control Company	4196	E2846	30 Nov 2017
193	Receiver 20 Hz to 7 GHz	Rhode & Schwarz	ESI 7	838496/007	10 Oct 2017
299	Test Software DFS Test System	Aeroflex	DFS test Software	V2.7.0	Not Required
359	DFS System	Aeroflex	PXI-1042	300001/004	10 Jul 2017
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
495	RF Power Divider	Micon Precise Corp	91002	495	Cal when used
71	Spectrum Analyser 9KHz-50GHz	HP	8565E	3425A00181	6 Aug 2017
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

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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.



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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.

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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 \geq 200 milliwatt	-64 dBm
EIRP \leq 200 milliwatt and power density \leq 10 dBm/MHz	-62 dBm
EIRP \leq 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.

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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	Roundup $\left\{ \begin{array}{l} \left(\frac{1}{360} \right) \cdot \\ \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \end{array} \right\}$	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.

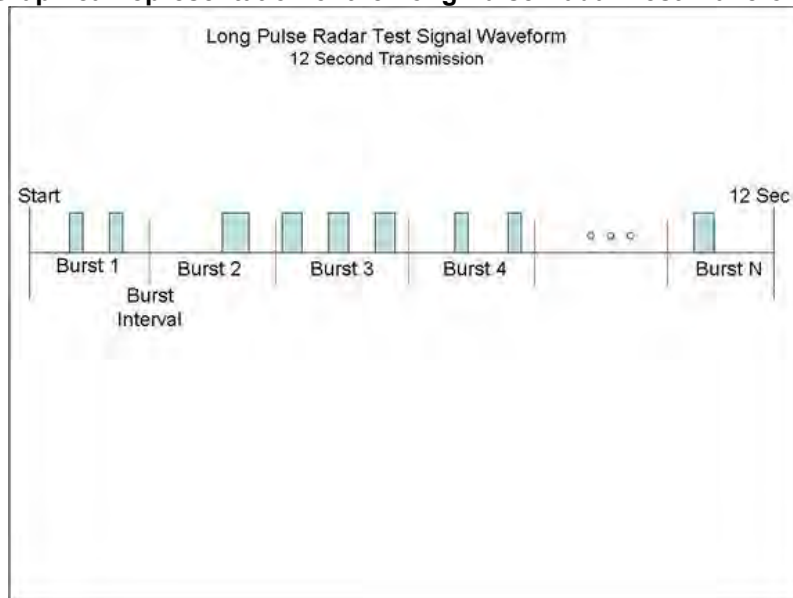
Each waveform is defined as follows:

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 frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a transmission period will have the same chirp width. 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 $(12,000,000 / \text{Burst_Count})$ microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ 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.



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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).



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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: 2.9 dBi

802.11a: Transmit Power: 18 dBm Data Rate: 6 Mbit/s Duty Cycle: 18%

802.11n HT-40: Transmit Power: 18 dBm Data Rate: 18 Mbit/s Duty Cycle: 18%

802.11ac80: Transmit Power: 18 dBm Data Rate: 29 Mbit/s Duty Cycle: 18%

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: 6.5.3.0

EUT Build number: 59515

Test Environmental Conditions - Ambient:

Temperature: 17 to 23 °C

Relative humidity: 31 to 57%

Pressure: 999 to 1012 mbar

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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 300 second sweep time to monitor the RF output of the EUT during power up. The test frequency is chosen so that control beacons are seen on the spectrum analyzer. 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 seconds = 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.

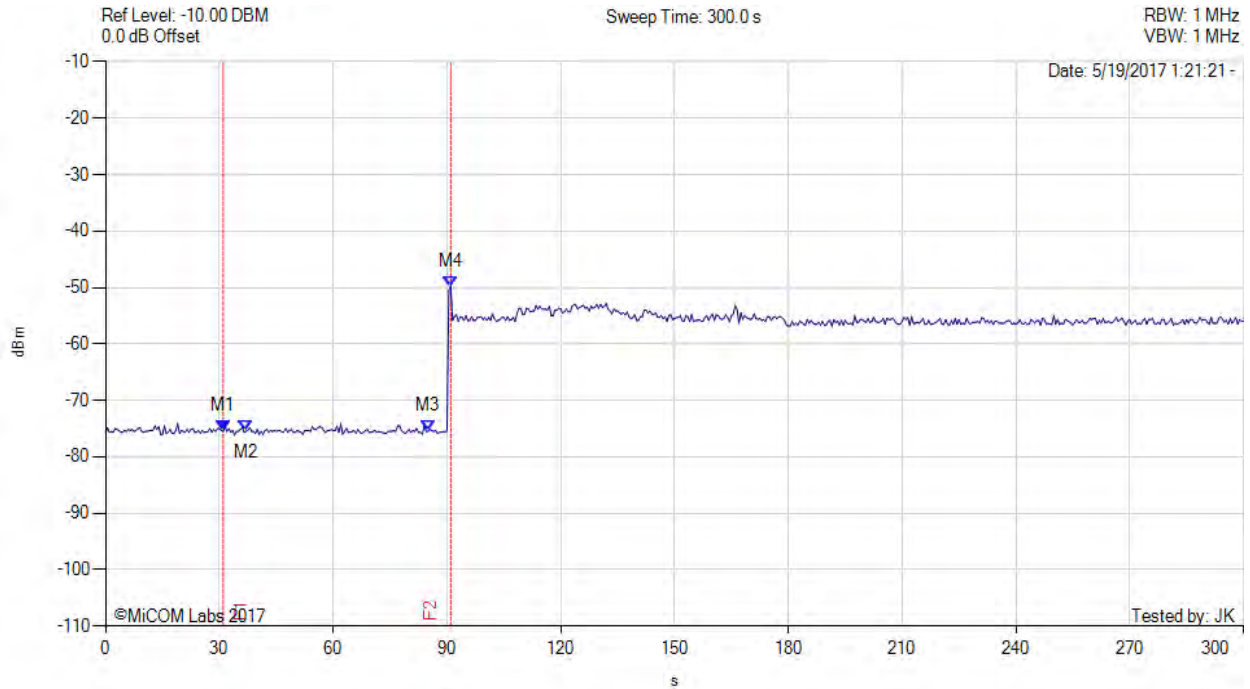
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INITIAL CAC



Variant: 802.11ac 80, Channel: 5530.00 MHz, Data Rate: 29 Mbit/s, Duty Cycle : 18.00%, Antenna Gain: 2.90 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 31.000 s : -75.500 dBm M2 : 37.000 s : -75.500 dBm M3 : 85.000 s : -75.500 dBm M4 : 91.000 s : -49.830 dBm	Test Frequency: 5505.00 MHz

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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.

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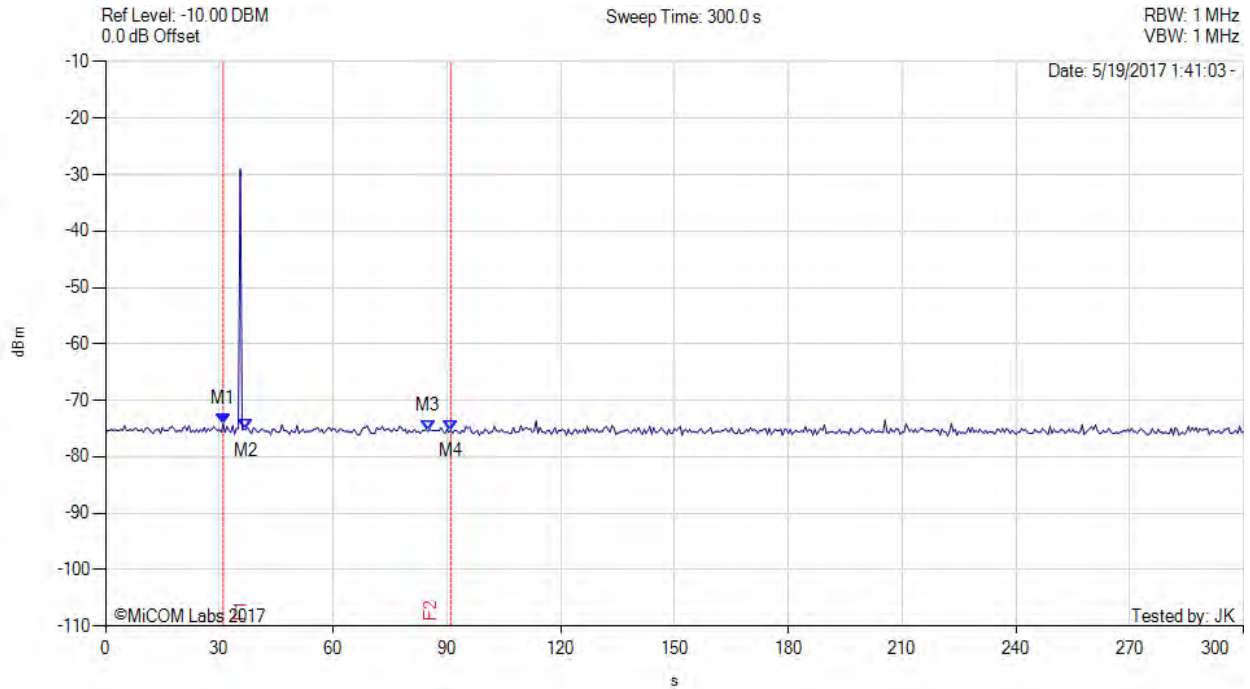


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BEGINNING CAC



Variant: 802.11ac 80, Channel: 5530.00 MHz, Data Rate: 29 Mbit/s, Duty Cycle : 18.00%, Antenna Gain: 2.90 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 31.000 s : -74.160 dBm M2 : 37.000 s : -75.160 dBm M3 : 85.000 s : -75.500 dBm M4 : 91.000 s : -75.330 dBm	Test Frequency: 5505.00 MHz

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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 $T_0 + 54$ seconds. The window will commence at marker 3 and end at the red time line $T_2 (T_0 + 60 \text{ secs})$

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.

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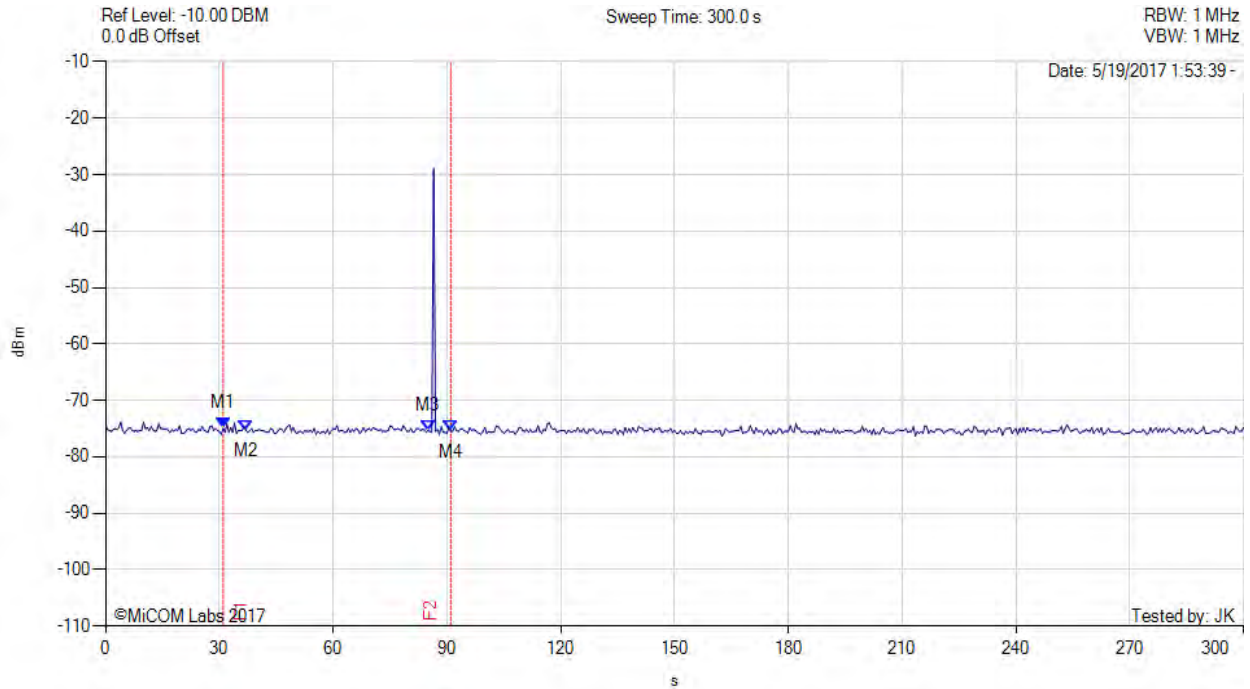


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END CAC



Variant: 802.11ac 80, Channel: 5530.00 MHz, Data Rate: 29 Mbit/s, Duty Cycle : 18.00%, Antenna Gain: 2.90 dBi



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 31.000 s : -75.000 dBm M2 : 37.000 s : -75.330 dBm M3 : 85.000 s : -75.330 dBm M4 : 91.000 s : -75.500 dBm	Test Frequency: 5530.00 MHz

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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 be 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 Move 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. The test frequency was chosen so that control beacons would be seen.

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"

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802.11ac 80 Frequency 5530 MHz Channel 106

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

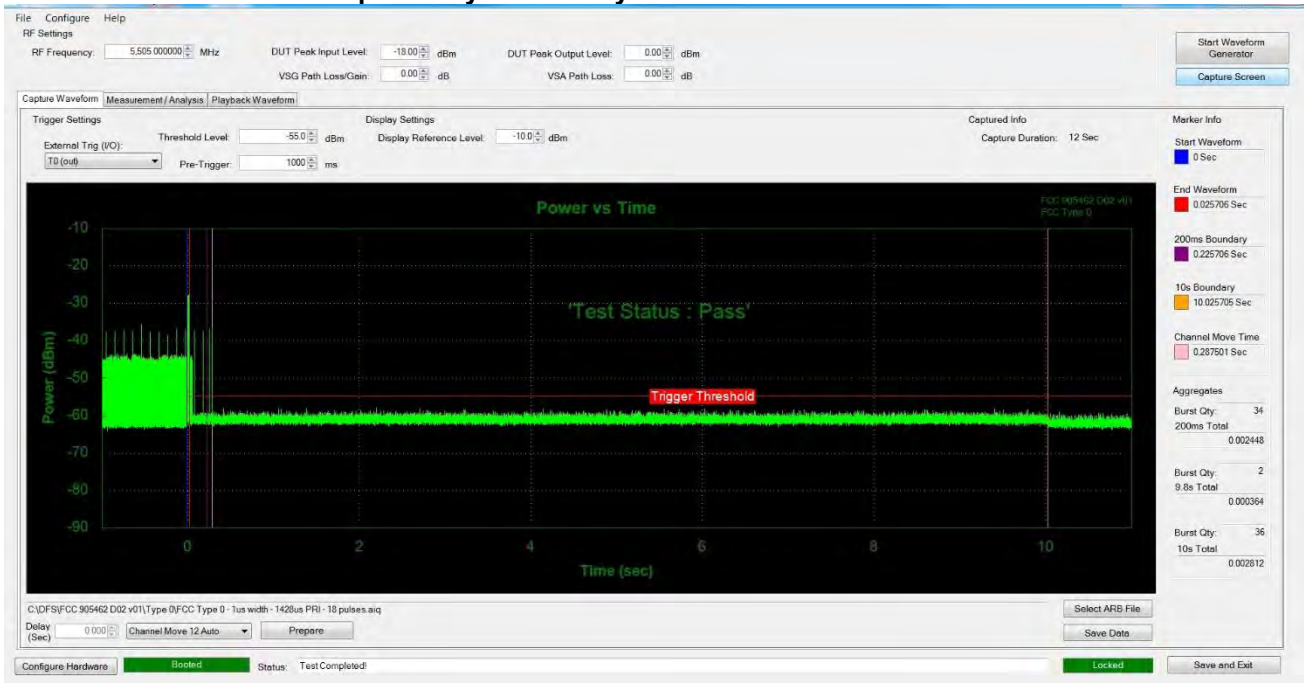
1) Channel Closing Transmission Time (limit is 1 second)

2) Channel Move Time (limit is 10 seconds)

1) **Channel Closing Transmission Time = 2.812 mSecs (limit 250 mSec)**

2) **Channel Move Time = 0.287501 Secs (limit is 10 seconds)**

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



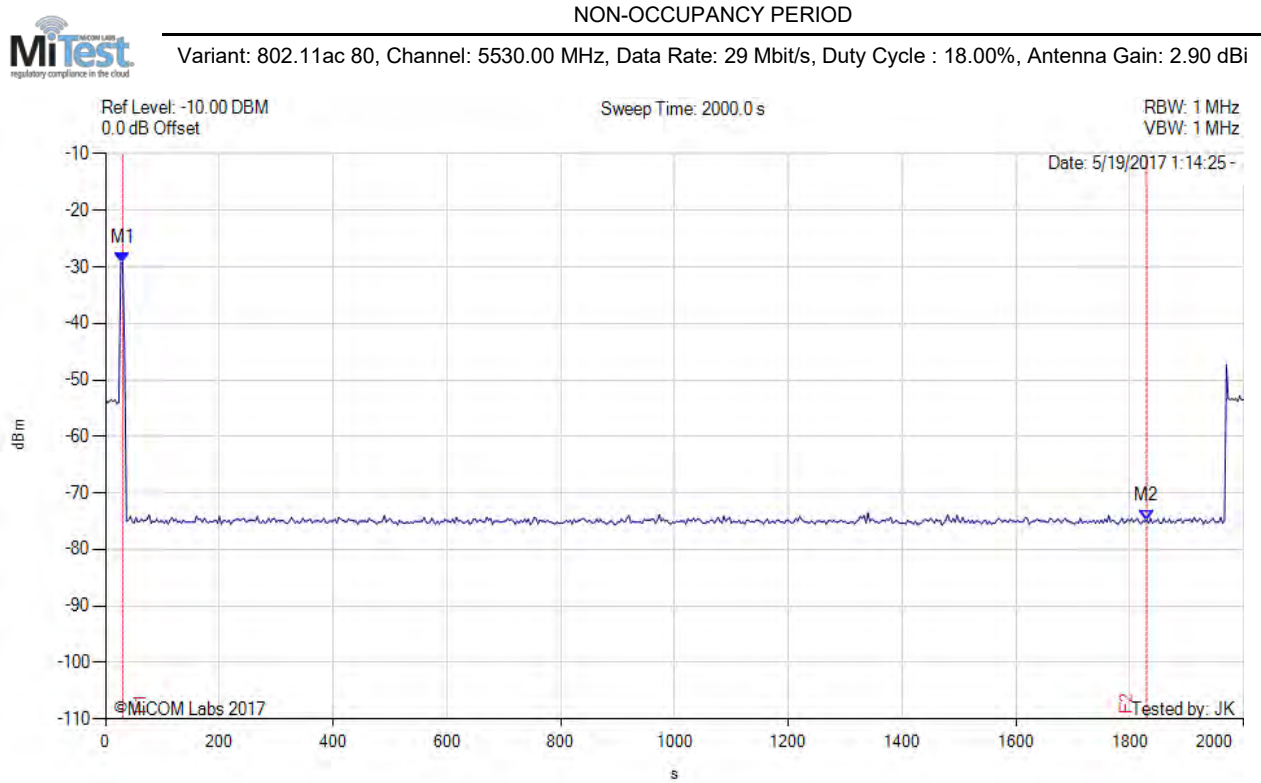
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9.1.3. Non-Occupancy Period

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.



Analyzer Setup	Marker:Time:Amplitude	Test Results
Detector = POS Sweep Count = View RF Atten (dB) = 0 Trace Mode = 0	M1 : 30.000 s : -29.330 dBm M2 : 1830.000 s : -74.830 dBm	Test Frequency: 5505.00 MHz

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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:

$$\text{Total \# of detections} \div \text{Total \# of Trials} \times 100 = \text{Probability of Detection}$$

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%			



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802.11a - 5500 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	30	100.00%	Complies	View Data
Radar Type 3	30	30	100.00%	Complies	View Data
Radar Type 4	30	29	96.67%	Complies	View Data
Aggregate (100.00% + 100.00% + 100.00% + 96.67%) / 4 = 99.16%				Complies	--
Radar Type 5	30	24	80.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

802.11ac 80 - 5530 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	28	93.33%	Complies	View Data
Radar Type 3	30	29	96.67%	Complies	View Data
Radar Type 4	30	30	100.00%	Complies	View Data
Aggregate (100.00% + 93.33% + 96.67% + 100.00%) / 4 = 97.50%				Complies	--
Radar Type 5	30	26	86.67%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

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802.11n HT40 - 5510 MHz

Statistical Performance Check					
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detections	Result	Data Link
Radar Type 1	30	30	100.00%	Complies	View Data
Radar Type 2	30	30	100.00%	Complies	View Data
Radar Type 3	30	29	96.67%	Complies	View Data
Radar Type 4	30	27	90.00%	Complies	View Data
Aggregate (100.00% + 100.00% + 96.67% + 90.00%) / 4 = 96.67%				Complies	--
Radar Type 5	30	27	90.00%	Complies	View Data
Radar Type 6	30	30	100.00%	Complies	View Data

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Equipment Configuration for Radar Type 1

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5495	1	1393	718	74	1	1	100.00%	DETECTED
5495	1	1285	778	68	1	1	100.00%	DETECTED
5495	1	1931	518	102	1	1	100.00%	DETECTED
5495	1	1139	878	61	1	1	100.00%	DETECTED
5495	1	1253	798	67	1	1	100.00%	DETECTED
5495	1	1319	758	70	1	1	100.00%	DETECTED
5495	1	1859	538	99	1	1	100.00%	DETECTED
5495	1	1618	618	86	1	1	100.00%	DETECTED
5495	1	1520	658	81	1	1	100.00%	DETECTED
5495	1	1066	938	57	1	1	100.00%	DETECTED
5505	1	1355	738	72	1	1	100.00%	DETECTED
5505	1	1730	578	92	1	1	100.00%	DETECTED
5505	1	1672	598	89	1	1	100.00%	DETECTED
5505	1	1567	638	83	1	1	100.00%	DETECTED
5505	1	1166	858	62	1	1	100.00%	DETECTED
5505	1	346	2890	19	1	1	100.00%	DETECTED
5505	1	352	2842	19	1	1	100.00%	DETECTED
5505	1	477	2098	26	1	1	100.00%	DETECTED
5505	1	374	2677	20	1	1	100.00%	DETECTED
5505	1	362	2759	20	1	1	100.00%	DETECTED
5500	1	830	1205	44	1	1	100.00%	DETECTED
5500	1	350	2858	19	1	1	100.00%	DETECTED
5500	1	437	2289	24	1	1	100.00%	DETECTED
5500	1	723	1383	39	1	1	100.00%	DETECTED
5500	1	637	1569	34	1	1	100.00%	DETECTED
5500	1	536	1866	29	1	1	100.00%	DETECTED
5500	1	725	1379	39	1	1	100.00%	DETECTED
5500	1	336	2979	18	1	1	100.00%	DETECTED
5500	1	627	1596	34	1	1	100.00%	DETECTED
5500	1	1107	903	59	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5500	1.1	5236	191	25	1	1	100.00%	DETECTED
5500	1.3	4878	205	23	1	1	100.00%	DETECTED
5500	1.3	5181	193	26	1	1	100.00%	DETECTED
5500	1.4	6061	165	23	1	1	100.00%	DETECTED
5500	1.5	5263	190	23	1	1	100.00%	DETECTED
5500	1.8	5464	183	29	1	1	100.00%	DETECTED
5500	1.8	4673	214	26	1	1	100.00%	DETECTED
5500	2.2	6667	150	28	1	1	100.00%	DETECTED
5500	2.3	4525	221	25	1	1	100.00%	DETECTED
5500	2.4	5025	199	25	1	1	100.00%	DETECTED
5495	2.6	4695	213	28	1	1	100.00%	DETECTED
5495	2.6	4808	208	24	1	1	100.00%	DETECTED
5495	2.7	4405	227	26	1	1	100.00%	DETECTED
5495	2.7	6329	158	25	1	1	100.00%	DETECTED
5495	3.2	5181	193	23	1	1	100.00%	DETECTED
5495	3.4	4926	203	23	1	1	100.00%	DETECTED
5495	3.4	4902	204	27	1	1	100.00%	DETECTED
5495	3.4	6410	156	27	1	1	100.00%	DETECTED
5495	3.6	4608	217	29	1	1	100.00%	DETECTED
5495	3.7	5814	172	25	1	1	100.00%	DETECTED
5505	3.9	6173	162	28	1	1	100.00%	DETECTED
5505	4	6061	165	25	1	1	100.00%	DETECTED
5505	4.3	5263	190	23	1	1	100.00%	DETECTED
5505	4.5	6579	152	24	1	1	100.00%	DETECTED
5505	4.5	4739	211	24	1	1	100.00%	DETECTED
5505	4.5	5236	191	29	1	1	100.00%	DETECTED
5505	4.5	5076	197	29	1	1	100.00%	DETECTED
5505	4.6	4505	222	29	1	1	100.00%	DETECTED
5505	4.9	6173	162	29	1	1	100.00%	DETECTED
5505	5	5376	186	29	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5505	10	2481	403	18	1	1	100.00%	DETECTED
5505	10	3571	280	17	1	1	100.00%	DETECTED
5505	6.1	4065	246	17	1	1	100.00%	DETECTED
5505	6.1	3279	305	18	1	1	100.00%	DETECTED
5505	6.2	2584	387	18	1	1	100.00%	DETECTED
5505	6.4	3623	276	17	1	1	100.00%	DETECTED
5505	6.5	2747	364	18	1	1	100.00%	DETECTED
5505	6.7	3831	261	17	1	1	100.00%	DETECTED
5505	6.9	3106	322	18	1	1	100.00%	DETECTED
5505	7	4587	218	16	1	1	100.00%	DETECTED
5500	7.1	3401	294	17	1	1	100.00%	DETECTED
5500	7.1	3484	287	18	1	1	100.00%	DETECTED
5500	7.2	4310	232	16	1	1	100.00%	DETECTED
5500	7.6	2217	451	16	1	1	100.00%	DETECTED
5500	7.6	3906	256	16	1	1	100.00%	DETECTED
5500	7.6	4184	239	18	1	1	100.00%	DETECTED
5500	7.8	2538	394	18	1	1	100.00%	DETECTED
5500	7.8	3534	283	18	1	1	100.00%	DETECTED
5500	7.9	3546	282	16	1	1	100.00%	DETECTED
5500	7.9	2703	370	18	1	1	100.00%	DETECTED
5495	8	2463	406	16	1	1	100.00%	DETECTED
5495	8	2358	424	17	1	1	100.00%	DETECTED
5495	8.1	4115	243	18	1	1	100.00%	DETECTED
5495	8.2	2114	473	18	1	1	100.00%	DETECTED
5495	8.3	2710	369	18	1	1	100.00%	DETECTED
5495	8.4	5000	200	18	1	1	100.00%	DETECTED
5495	8.5	3953	253	18	1	1	100.00%	DETECTED
5495	9.3	4274	234	18	1	1	100.00%	DETECTED
5495	9.6	3165	316	17	1	1	100.00%	DETECTED
5495	9.6	2096	477	16	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5500	11.1	2169	461	14	1	1	100.00%	DETECTED
5500	11.2	2160	463	13	1	1	100.00%	DETECTED
5500	11.8	4065	246	15	1	1	100.00%	DETECTED
5500	12.1	3717	269	16	1	1	100.00%	DETECTED
5500	12.2	2899	345	12	1	1	100.00%	DETECTED
5500	12.3	2212	452	16	1	1	100.00%	DETECTED
5500	12.3	2695	371	12	1	1	100.00%	DETECTED
5500	12.9	4098	244	15	1	1	100.00%	DETECTED
5500	13	2169	461	12	1	1	100.00%	DETECTED
5500	14	4739	211	16	1	1	100.00%	DETECTED
5495	14.4	4167	240	16	1	1	100.00%	DETECTED
5495	15.6	3559	281	15	1	1	100.00%	DETECTED
5495	15.6	4348	230	12	1	0	0.00%	NOT DETECTED
5495	15.7	3472	288	16	1	1	100.00%	DETECTED
5495	15.9	3175	315	13	1	1	100.00%	DETECTED
5495	16	4695	213	15	1	1	100.00%	DETECTED
5495	16.1	3623	276	14	1	1	100.00%	DETECTED
5495	16.1	2088	479	15	1	1	100.00%	DETECTED
5495	16.5	3367	297	16	1	1	100.00%	DETECTED
5495	16.9	2179	459	13	1	1	100.00%	DETECTED
5505	17	2299	435	15	1	1	100.00%	DETECTED
5505	17.3	2494	401	13	1	1	100.00%	DETECTED
5505	17.5	3344	299	15	1	1	100.00%	DETECTED
5505	18.7	4739	211	16	1	1	100.00%	DETECTED
5505	19.1	2907	344	15	1	1	100.00%	DETECTED
5505	19.3	2653	377	16	1	1	100.00%	DETECTED
5505	19.6	3831	261	13	1	1	100.00%	DETECTED
5505	19.7	2849	351	13	1	1	100.00%	DETECTED
5505	19.9	2096	477	13	1	1	100.00%	DETECTED
5505	20	2762	362	16	1	1	100.00%	DETECTED
Aggregate:					30.00	29.00	96.67%	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5494.80	1	1	100.00%	DETECTED
Type 5 #1 5500.00	1	0	0.00%	NOT DETECTED
Type 5 #2 5504.00	1	0	0.00%	NOT DETECTED
Type 5 #3 5494.80	1	0	0.00%	NOT DETECTED
Type 5 #4 5500.00	1	1	100.00%	DETECTED
Type 5 #5 5503.60	1	1	100.00%	DETECTED
Type 5 #6 5495.60	1	0	0.00%	NOT DETECTED
Type 5 #7 5505.60	1	1	100.00%	DETECTED
Type 5 #8 5494.40	1	1	100.00%	DETECTED
Type 5 #9 5500.00	1	1	100.00%	DETECTED
Type 5 #10 5500.00	1	1	100.00%	DETECTED
Type 5 #11 5506.00	1	1	100.00%	DETECTED
Type 5 #12 5500.00	1	1	100.00%	DETECTED
Type 5 #13 5500.00	1	1	100.00%	DETECTED
Type 5 #14 5504.80	1	1	100.00%	DETECTED
Type 5 #15 5501.20	1	1	100.00%	DETECTED
Type 5 #16 5500.00	1	1	100.00%	DETECTED
Type 5 #17 5500.00	1	0	0.00%	NOT DETECTED
Type 5 #18 5506.00	1	1	100.00%	DETECTED
Type 5 #19 5494.40	1	1	100.00%	DETECTED
Type 5 #20 5500.00	1	1	100.00%	DETECTED
Type 5 #21 5494.40	1	1	100.00%	DETECTED
Type 5 #22 5494.00	1	1	100.00%	DETECTED
Type 5 #23 5500.00	1	1	100.00%	DETECTED
Type 5 #24 5495.60	1	1	100.00%	DETECTED
Type 5 #25 5495.60	1	1	100.00%	DETECTED
Type 5 #26 5494.40	1	0	0.00%	NOT DETECTED
Type 5 #27 5504.00	1	1	100.00%	DETECTED
Type 5 #28 5505.60	1	1	100.00%	DETECTED
Type 5 #29 5500.40	1	1	100.00%	DETECTED
Aggregate:	30.00	24.00	80.00%	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5500.00 MHz	Tested By:	JK
Engineering Test Notes:			

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	1	100.00%	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	1	100.00%	DETECTED
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	1	1	100.00%	DETECTED
Type 6 #24	1	1	100.00%	DETECTED
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	1	1	100.00%	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	1	100.00%	DETECTED
Aggregate:	30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 1

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5530	1	1393	718	74	1	1	100.00%	DETECTED
5530	1	1285	778	68	1	1	100.00%	DETECTED
5530	1	1931	518	102	1	1	100.00%	DETECTED
5530	1	1139	878	61	1	1	100.00%	DETECTED
5530	1	1253	798	67	1	1	100.00%	DETECTED
5530	1	1319	758	70	1	1	100.00%	DETECTED
5530	1	1859	538	99	1	1	100.00%	DETECTED
5530	1	1618	618	86	1	1	100.00%	DETECTED
5530	1	1520	658	81	1	1	100.00%	DETECTED
5530	1	1066	938	57	1	1	100.00%	DETECTED
5495	1	1355	738	72	1	1	100.00%	DETECTED
5495	1	1730	578	92	1	1	100.00%	DETECTED
5495	1	1672	598	89	1	1	100.00%	DETECTED
5495	1	1567	638	83	1	1	100.00%	DETECTED
5495	1	1166	858	62	1	1	100.00%	DETECTED
5495	1	346	2890	19	1	1	100.00%	DETECTED
5495	1	352	2842	19	1	1	100.00%	DETECTED
5495	1	477	2098	26	1	1	100.00%	DETECTED
5495	1	374	2677	20	1	1	100.00%	DETECTED
5495	1	362	2759	20	1	1	100.00%	DETECTED
5565	1	830	1205	44	1	1	100.00%	DETECTED
5565	1	350	2858	19	1	1	100.00%	DETECTED
5565	1	437	2289	24	1	1	100.00%	DETECTED
5565	1	723	1383	39	1	1	100.00%	DETECTED
5565	1	637	1569	34	1	1	100.00%	DETECTED
5565	1	536	1866	29	1	1	100.00%	DETECTED
5565	1	725	1379	39	1	1	100.00%	DETECTED
5565	1	336	2979	18	1	1	100.00%	DETECTED
5565	1	627	1596	34	1	1	100.00%	DETECTED
5565	1	1107	903	59	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5495	1.1	5236	191	25	1	1	100.00%	DETECTED
5495	1.3	4878	205	23	1	1	100.00%	DETECTED
5495	1.3	5181	193	26	1	1	100.00%	DETECTED
5495	1.4	6061	165	23	1	0	0.00%	NOT DETECTED
5495	1.5	5263	190	23	1	1	100.00%	DETECTED
5495	1.8	5464	183	29	1	1	100.00%	DETECTED
5495	1.8	4673	214	26	1	1	100.00%	DETECTED
5495	2.2	6667	150	28	1	1	100.00%	DETECTED
5495	2.3	4525	221	25	1	1	100.00%	DETECTED
5495	2.4	5025	199	25	1	1	100.00%	DETECTED
5530	2.6	4695	213	28	1	1	100.00%	DETECTED
5530	2.6	4808	208	24	1	1	100.00%	DETECTED
5530	2.7	4405	227	26	1	1	100.00%	DETECTED
5530	2.7	6329	158	25	1	1	100.00%	DETECTED
5530	3.2	5181	193	23	1	1	100.00%	DETECTED
5530	3.4	4926	203	23	1	1	100.00%	DETECTED
5530	3.4	4902	204	27	1	0	0.00%	NOT DETECTED
5530	3.4	6410	156	27	1	1	100.00%	DETECTED
5530	3.6	4608	217	29	1	1	100.00%	DETECTED
5530	3.7	5814	172	25	1	1	100.00%	DETECTED
5565	3.9	6173	162	28	1	1	100.00%	DETECTED
5565	4	6061	165	25	1	1	100.00%	DETECTED
5565	4.3	5263	190	23	1	1	100.00%	DETECTED
5565	4.5	6579	152	24	1	1	100.00%	DETECTED
5565	4.5	4739	211	24	1	1	100.00%	DETECTED
5565	4.5	5236	191	29	1	1	100.00%	DETECTED
5565	4.5	5076	197	29	1	1	100.00%	DETECTED
5565	4.6	4505	222	29	1	1	100.00%	DETECTED
5565	4.9	6173	162	29	1	1	100.00%	DETECTED
5565	5	5376	186	29	1	1	100.00%	DETECTED
Aggregate:					30.00	28.00	93.33%	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5565	10	2481	403	18	1	1	100.00%	DETECTED
5565	10	3571	280	17	1	1	100.00%	DETECTED
5565	6.1	4065	246	17	1	1	100.00%	DETECTED
5565	6.1	3279	305	18	1	1	100.00%	DETECTED
5565	6.2	2584	387	18	1	0	0.00%	NOT DETECTED
5565	6.4	3623	276	17	1	1	100.00%	DETECTED
5565	6.5	2747	364	18	1	1	100.00%	DETECTED
5565	6.7	3831	261	17	1	1	100.00%	DETECTED
5565	6.9	3106	322	18	1	1	100.00%	DETECTED
5565	7	4587	218	16	1	1	100.00%	DETECTED
5495	7.1	3401	294	17	1	1	100.00%	DETECTED
5495	7.1	3484	287	18	1	1	100.00%	DETECTED
5495	7.2	4310	232	16	1	1	100.00%	DETECTED
5495	7.6	2217	451	16	1	1	100.00%	DETECTED
5495	7.6	3906	256	16	1	1	100.00%	DETECTED
5495	7.6	4184	239	18	1	1	100.00%	DETECTED
5495	7.8	2538	394	18	1	1	100.00%	DETECTED
5495	7.8	3534	283	18	1	1	100.00%	DETECTED
5495	7.9	3546	282	16	1	1	100.00%	DETECTED
5495	7.9	2703	370	18	1	1	100.00%	DETECTED
5530	8	2463	406	16	1	1	100.00%	DETECTED
5530	8	2358	424	17	1	1	100.00%	DETECTED
5530	8.1	4115	243	18	1	1	100.00%	DETECTED
5530	8.2	2114	473	18	1	1	100.00%	DETECTED
5530	8.3	2710	369	18	1	1	100.00%	DETECTED
5530	8.4	5000	200	18	1	1	100.00%	DETECTED
5530	8.5	3953	253	18	1	1	100.00%	DETECTED
5530	9.3	4274	234	18	1	1	100.00%	DETECTED
5530	9.6	3165	316	17	1	1	100.00%	DETECTED
5530	9.6	2096	477	16	1	1	100.00%	DETECTED
Aggregate:					30.00	29.00	96.67%	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5530	11.1	2169	461	14	1	1	100.00%	DETECTED
5530	11.2	2160	463	13	1	1	100.00%	DETECTED
5530	11.8	4065	246	15	1	1	100.00%	DETECTED
5530	12.1	3717	269	16	1	1	100.00%	DETECTED
5530	12.2	2899	345	12	1	1	100.00%	DETECTED
5530	12.3	2212	452	16	1	1	100.00%	DETECTED
5530	12.3	2695	371	12	1	1	100.00%	DETECTED
5530	12.9	4098	244	15	1	1	100.00%	DETECTED
5530	13	2169	461	12	1	1	100.00%	DETECTED
5530	14	4739	211	16	1	1	100.00%	DETECTED
5565	14.4	4167	240	16	1	1	100.00%	DETECTED
5565	15.6	3559	281	15	1	1	100.00%	DETECTED
5565	15.6	4348	230	12	1	1	100.00%	DETECTED
5565	15.7	3472	288	16	1	1	100.00%	DETECTED
5565	15.9	3175	315	13	1	1	100.00%	DETECTED
5565	16	4695	213	15	1	1	100.00%	DETECTED
5565	16.1	3623	276	14	1	1	100.00%	DETECTED
5565	16.1	2088	479	15	1	1	100.00%	DETECTED
5565	16.5	3367	297	16	1	1	100.00%	DETECTED
5565	16.9	2179	459	13	1	1	100.00%	DETECTED
5530	17	2299	435	15	1	1	100.00%	DETECTED
5530	17.3	2494	401	13	1	1	100.00%	DETECTED
5530	17.5	3344	299	15	1	1	100.00%	DETECTED
5530	18.7	4739	211	16	1	1	100.00%	DETECTED
5530	19.1	2907	344	15	1	1	100.00%	DETECTED
5530	19.3	2653	377	16	1	1	100.00%	DETECTED
5530	19.6	3831	261	13	1	1	100.00%	DETECTED
5530	19.7	2849	351	13	1	1	100.00%	DETECTED
5530	19.9	2096	477	13	1	1	100.00%	DETECTED
5530	20	2762	362	16	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5495.60	1	1	100.00%	DETECTED
Type 5 #1 5560.80	1	1	100.00%	DETECTED
Type 5 #2 5566.00	1	1	100.00%	DETECTED
Type 5 #3 5564.80	1	0	0.00%	NOT DETECTED
Type 5 #4 5530.00	1	1	100.00%	DETECTED
Type 5 #5 5530.00	1	1	100.00%	DETECTED
Type 5 #6 5564.80	1	1	100.00%	DETECTED
Type 5 #7 5530.00	1	0	0.00%	NOT DETECTED
Type 5 #8 5494.40	1	1	100.00%	DETECTED
Type 5 #9 5530.00	1	1	100.00%	DETECTED
Type 5 #10 5563.20	1	1	100.00%	DETECTED
Type 5 #11 5530.00	1	0	0.00%	NOT DETECTED
Type 5 #12 5498.40	1	1	100.00%	DETECTED
Type 5 #13 5565.20	1	1	100.00%	DETECTED
Type 5 #14 5494.80	1	1	100.00%	DETECTED
Type 5 #15 5494.40	1	1	100.00%	DETECTED
Type 5 #16 5494.40	1	1	100.00%	DETECTED
Type 5 #17 5565.60	1	0	0.00%	NOT DETECTED
Type 5 #18 5496.80	1	1	100.00%	DETECTED
Type 5 #19 5564.00	1	1	100.00%	DETECTED
Type 5 #20 5530.00	1	1	100.00%	DETECTED
Type 5 #21 5566.00	1	1	100.00%	DETECTED
Type 5 #22 5530.00	1	1	100.00%	DETECTED
Type 5 #23 5494.40	1	1	100.00%	DETECTED
Type 5 #24 5530.00	1	1	100.00%	DETECTED
Type 5 #25 5530.00	1	1	100.00%	DETECTED
Type 5 #26 5530.00	1	1	100.00%	DETECTED
Type 5 #27 5497.20	1	1	100.00%	DETECTED
Type 5 #28 5562.80	1	1	100.00%	DETECTED
Type 5 #29 5497.60	1	1	100.00%	DETECTED
Aggregate:	30.00	26.00	86.67%	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

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	1	100.00%	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	1	100.00%	DETECTED
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	1	1	100.00%	DETECTED
Type 6 #24	1	1	100.00%	DETECTED
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	1	1	100.00%	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	1	100.00%	DETECTED
Aggregate:	30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 1

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5510	1	1393	718	74	1	1	100.00%	DETECTED
5510	1	1285	778	68	1	1	100.00%	DETECTED
5510	1	1931	518	102	1	1	100.00%	DETECTED
5510	1	1139	878	61	1	1	100.00%	DETECTED
5510	1	1253	798	67	1	1	100.00%	DETECTED
5510	1	1319	758	70	1	1	100.00%	DETECTED
5510	1	1859	538	99	1	1	100.00%	DETECTED
5510	1	1618	618	86	1	1	100.00%	DETECTED
5510	1	1520	658	81	1	1	100.00%	DETECTED
5510	1	1066	938	57	1	1	100.00%	DETECTED
5495	1	1355	738	72	1	1	100.00%	DETECTED
5495	1	1730	578	92	1	1	100.00%	DETECTED
5495	1	1672	598	89	1	1	100.00%	DETECTED
5495	1	1567	638	83	1	1	100.00%	DETECTED
5495	1	1166	858	62	1	1	100.00%	DETECTED
5495	1	346	2890	19	1	1	100.00%	DETECTED
5495	1	352	2842	19	1	1	100.00%	DETECTED
5495	1	477	2098	26	1	1	100.00%	DETECTED
5495	1	374	2677	20	1	1	100.00%	DETECTED
5495	1	362	2759	20	1	1	100.00%	DETECTED
5525	1	830	1205	44	1	1	100.00%	DETECTED
5525	1	350	2858	19	1	1	100.00%	DETECTED
5525	1	437	2289	24	1	1	100.00%	DETECTED
5525	1	723	1383	39	1	1	100.00%	DETECTED
5525	1	637	1569	34	1	1	100.00%	DETECTED
5525	1	536	1866	29	1	1	100.00%	DETECTED
5525	1	725	1379	39	1	1	100.00%	DETECTED
5525	1	336	2979	18	1	1	100.00%	DETECTED
5525	1	627	1596	34	1	1	100.00%	DETECTED
5525	1	1107	903	59	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 2

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5495	1.1	5236	191	25	1	1	100.00%	DETECTED
5495	1.3	4878	205	23	1	1	100.00%	DETECTED
5495	1.3	5181	193	26	1	1	100.00%	DETECTED
5495	1.4	6061	165	23	1	1	100.00%	DETECTED
5495	1.5	5263	190	23	1	1	100.00%	DETECTED
5495	1.8	5464	183	29	1	1	100.00%	DETECTED
5495	1.8	4673	214	26	1	1	100.00%	DETECTED
5495	2.2	6667	150	28	1	1	100.00%	DETECTED
5495	2.3	4525	221	25	1	1	100.00%	DETECTED
5495	2.4	5025	199	25	1	1	100.00%	DETECTED
5525	2.6	4695	213	28	1	1	100.00%	DETECTED
5525	2.6	4808	208	24	1	1	100.00%	DETECTED
5525	2.7	4405	227	26	1	1	100.00%	DETECTED
5525	2.7	6329	158	25	1	1	100.00%	DETECTED
5525	3.2	5181	193	23	1	1	100.00%	DETECTED
5525	3.4	4926	203	23	1	1	100.00%	DETECTED
5525	3.4	4902	204	27	1	1	100.00%	DETECTED
5525	3.4	6410	156	27	1	1	100.00%	DETECTED
5525	3.6	4608	217	29	1	1	100.00%	DETECTED
5525	3.7	5814	172	25	1	1	100.00%	DETECTED
5510	3.9	6173	162	28	1	1	100.00%	DETECTED
5510	4	6061	165	25	1	1	100.00%	DETECTED
5510	4.3	5263	190	23	1	1	100.00%	DETECTED
5510	4.5	6579	152	24	1	1	100.00%	DETECTED
5510	4.5	4739	211	24	1	1	100.00%	DETECTED
5510	4.5	5236	191	29	1	1	100.00%	DETECTED
5510	4.5	5076	197	29	1	1	100.00%	DETECTED
5510	4.6	4505	222	29	1	1	100.00%	DETECTED
5510	4.9	6173	162	29	1	1	100.00%	DETECTED
5510	5	5376	186	29	1	1	100.00%	DETECTED
Aggregate:					30.00	30.00	100.00%	Pass

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Equipment Configuration for Radar Type 3

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5525	10	2481	403	18	1	1	100.00%	DETECTED
5525	10	3571	280	17	1	1	100.00%	DETECTED
5525	6.1	4065	246	17	1	1	100.00%	DETECTED
5525	6.1	3279	305	18	1	1	100.00%	DETECTED
5525	6.2	2584	387	18	1	1	100.00%	DETECTED
5525	6.4	3623	276	17	1	1	100.00%	DETECTED
5525	6.5	2747	364	18	1	1	100.00%	DETECTED
5525	6.7	3831	261	17	1	1	100.00%	DETECTED
5525	6.9	3106	322	18	1	1	100.00%	DETECTED
5525	7	4587	218	16	1	1	100.00%	DETECTED
5510	7.1	3401	294	17	1	1	100.00%	DETECTED
5510	7.1	3484	287	18	1	1	100.00%	DETECTED
5510	7.2	4310	232	16	1	1	100.00%	DETECTED
5510	7.6	2217	451	16	1	1	100.00%	DETECTED
5510	7.6	3906	256	16	1	1	100.00%	DETECTED
5510	7.6	4184	239	18	1	1	100.00%	DETECTED
5510	7.8	2538	394	18	1	1	100.00%	DETECTED
5510	7.8	3534	283	18	1	1	100.00%	DETECTED
5510	7.9	3546	282	16	1	1	100.00%	DETECTED
5510	7.9	2703	370	18	1	1	100.00%	DETECTED
5495	8	2463	406	16	1	1	100.00%	DETECTED
5495	8	2358	424	17	1	0	0.00%	NOT DETECTED
5495	8.1	4115	243	18	1	1	100.00%	DETECTED
5495	8.2	2114	473	18	1	1	100.00%	DETECTED
5495	8.3	2710	369	18	1	1	100.00%	DETECTED
5495	8.4	5000	200	18	1	1	100.00%	DETECTED
5495	8.5	3953	253	18	1	1	100.00%	DETECTED
5495	9.3	4274	234	18	1	1	100.00%	DETECTED
5495	9.6	3165	316	17	1	1	100.00%	DETECTED
5495	9.6	2096	477	16	1	1	100.00%	DETECTED
Aggregate:					30.00	29.00	96.67%	Pass

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Equipment Configuration for Radar Type 4

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency (MHz)	Pulse Width (us)	PRF (Hz)	PRI	# Pulses	Injections	Detections	Detection Rate	Result
5495	11.1	2169	461	14	1	1	100.00%	DETECTED
5495	11.2	2160	463	13	1	1	100.00%	DETECTED
5495	11.8	4065	246	15	1	1	100.00%	DETECTED
5495	12.1	3717	269	16	1	0	0.00%	NOT DETECTED
5495	12.2	2899	345	12	1	1	100.00%	DETECTED
5495	12.3	2212	452	16	1	1	100.00%	DETECTED
5495	12.3	2695	371	12	1	1	100.00%	DETECTED
5495	12.9	4098	244	15	1	1	100.00%	DETECTED
5495	13	2169	461	12	1	0	0.00%	NOT DETECTED
5495	14	4739	211	16	1	1	100.00%	DETECTED
5510	14.4	4167	240	16	1	1	100.00%	DETECTED
5510	15.6	3559	281	15	1	1	100.00%	DETECTED
5510	15.6	4348	230	12	1	1	100.00%	DETECTED
5510	15.7	3472	288	16	1	0	0.00%	NOT DETECTED
5510	15.9	3175	315	13	1	1	100.00%	DETECTED
5510	16	4695	213	15	1	1	100.00%	DETECTED
5510	16.1	3623	276	14	1	1	100.00%	DETECTED
5510	16.1	2088	479	15	1	1	100.00%	DETECTED
5510	16.5	3367	297	16	1	1	100.00%	DETECTED
5510	16.9	2179	459	13	1	1	100.00%	DETECTED
5525	17	2299	435	15	1	1	100.00%	DETECTED
5525	17.3	2494	401	13	1	1	100.00%	DETECTED
5525	17.5	3344	299	15	1	1	100.00%	DETECTED
5525	18.7	4739	211	16	1	1	100.00%	DETECTED
5525	19.1	2907	344	15	1	1	100.00%	DETECTED
5525	19.3	2653	377	16	1	1	100.00%	DETECTED
5525	19.6	3831	261	13	1	1	100.00%	DETECTED
5525	19.7	2849	351	13	1	1	100.00%	DETECTED
5525	19.9	2096	477	13	1	1	100.00%	DETECTED
5525	20	2762	362	16	1	1	100.00%	DETECTED
Aggregate:					30.00	27.00	90.00%	Pass

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Equipment Configuration for Radar Type 5

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Burst Segment	Injections	Detections	Detection Rate	Result
Type 5 #0 5525.70	1	1	100.00%	DETECTED
Type 5 #1 5510.00	1	1	100.00%	DETECTED
Type 5 #2 5495.50	1	1	100.00%	DETECTED
Type 5 #3 5494.30	1	0	0.00%	NOT DETECTED
Type 5 #4 5510.00	1	1	100.00%	DETECTED
Type 5 #5 5524.10	1	1	100.00%	DETECTED
Type 5 #6 5495.10	1	1	100.00%	DETECTED
Type 5 #7 5510.00	1	0	0.00%	NOT DETECTED
Type 5 #8 5493.90	1	1	100.00%	DETECTED
Type 5 #9 5520.90	1	1	100.00%	DETECTED
Type 5 #10 5522.10	1	1	100.00%	DETECTED
Type 5 #11 5526.50	1	1	100.00%	DETECTED
Type 5 #12 5510.00	1	1	100.00%	DETECTED
Type 5 #13 5510.00	1	1	100.00%	DETECTED
Type 5 #14 5494.70	1	1	100.00%	DETECTED
Type 5 #15 5498.30	1	1	100.00%	DETECTED
Type 5 #16 5510.00	1	1	100.00%	DETECTED
Type 5 #17 5495.10	1	1	100.00%	DETECTED
Type 5 #18 5493.50	1	1	100.00%	DETECTED
Type 5 #19 5510.00	1	1	100.00%	DETECTED
Type 5 #20 5510.00	1	1	100.00%	DETECTED
Type 5 #21 5493.90	1	1	100.00%	DETECTED
Type 5 #22 5510.00	1	1	100.00%	DETECTED
Type 5 #23 5510.00	1	1	100.00%	DETECTED
Type 5 #24 5524.90	1	1	100.00%	DETECTED
Type 5 #25 5524.90	1	1	100.00%	DETECTED
Type 5 #26 5526.10	1	0	0.00%	NOT DETECTED
Type 5 #27 5524.50	1	1	100.00%	DETECTED
Type 5 #28 5526.10	1	1	100.00%	DETECTED
Type 5 #29 5499.10	1	1	100.00%	DETECTED
Aggregate:	30.00	27.00	90.00%	Pass

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Equipment Configuration for Radar Type 6

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5510.00 MHz	Tested By:	JK
Engineering Test Notes:			

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	1	100.00%	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	1	100.00%	DETECTED
Type 6 #22	1	1	100.00%	DETECTED
Type 6 #23	1	1	100.00%	DETECTED
Type 6 #24	1	1	100.00%	DETECTED
Type 6 #25	1	1	100.00%	DETECTED
Type 6 #26	1	1	100.00%	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	1	100.00%	DETECTED
Aggregate:	30.00	30.00	100.00%	Pass

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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 5 MHz chunk where the detection decreased is then inspected 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

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Equipment Configuration for Detection Bandwidth

Variant:	802.11a	Duty Cycle (%):	18.00
Data Rate:	6 Mbit/s	Antenna Gain (dBi):	2.90
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	2	0	0.00%	Not Detected
5489 MHz	2	0	0.00%	Not Detected
5490 MHz	10	10	100.00%	Detected
5495 MHz	10	10	100.00%	Detected
5500	10	10	100.00%	Detected
5505 MHz	10	10	100.00%	Detected
5510 MHz	10	10	100.00%	Detected
5511 MHz	2	0	0.00%	Not Detected
5515 MHz	2	0	0.00%	Not Detected
High Frequency	Low Frequency	Detection Bandwidth	99% Bandwidth	Result
5510 MHz	5490 MHz	20 MHz	16.9 MHz	Pass

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Equipment Configuration for Detection Bandwidth

Variant:	802.11ac 80	Duty Cycle (%):	18.00
Data Rate:	29 Mbit/s	Antenna Gain (dBi):	2.90
Modulation:	OFDM	Beam Forming Gain (Y):	Not Applicable
Channel Frequency:	5530.00 MHz	Tested By:	JK
Engineering Test Notes:			

Test Measurement Results

Frequency	Injections	Detections	Detection Rate	Result
5485 MHz	2	0	0.00%	NOT DETECTED
5489 MHz	2	0	0.00%	NOT DETECTED
5490 MHz	10	10	100.00%	DETECTED
5495 MHz	10	10	100.00%	DETECTED
5500 MHz	10	10	100.00%	DETECTED
5505 MHz	10	10	100.00%	DETECTED
5510 MHz	10	10	100.00%	DETECTED
5515 MHz	10	10	100.00%	DETECTED
5520 MHz	10	10	100.00%	DETECTED
5525 MHz	10	10	100.00%	DETECTED
5530	10	10	100.00%	DETECTED
5535 MHz	10	10	100.00%	DETECTED
5540 MHz	10	10	100.00%	DETECTED
5545 MHz	10	10	100.00%	DETECTED
5550 MHz	10	10	100.00%	DETECTED
5555 MHz	10	10	100.00%	DETECTED
5560 MHz	10	10	100.00%	DETECTED
5565 MHz	10	10	100.00%	DETECTED
5570 MHz	10	10	100.00%	DETECTED
5571 MHz	2	0	0.00%	NOT DETECTED
5575 MHz	2	0	0.00%	NOT DETECTED
High Frequency	Low Frequency	Detection Bandwidth	99% Bandwidth	Result
5570 MHz	5490 MHz	80 MHz	76.9 MHz	Pass

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Equipment Configuration for Detection Bandwidth

Variant:	802.11n HT40	Duty Cycle (%):	18.00
Data Rate:	18 Mbit/s	Antenna Gain (dBi):	2.90
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	2	0	0.00%	Not Detected
5487 MHz	2	0	0.00%	Not Detected
5488 MHz	10	10	100.00%	Detected
5489 MHz	10	10	100.00%	Detected
5490 MHz	10	10	100.00%	Detected
5495 MHz	10	10	100.00%	Detected
5500 MHz	10	10	100.00%	Detected
5505 MHz	10	10	100.00%	Detected
5510	10	10	100.00%	Detected
5515 MHz	10	10	100.00%	Detected
5520 MHz	10	10	100.00%	Detected
5525 MHz	10	10	100.00%	Detected
5530 MHz	10	10	100.00%	Detected
5531 MHz	10	10	100.00%	Detected
5532 MHz	10	10	100.00%	Detected
5533 MHz	2	0	0.00%	Not Detected
5535 MHz	2	0	0.00%	Not Detected
High Frequency	Low Frequency	Detection Bandwidth	99% Bandwidth	Result
5532 MHz	5488 MHz	44 MHz	37.6 MHz	Pass

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A. APPENDIX - RADAR DETAILS

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Type 5 #0 5494.80 [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	7	363515	67	1359	1484	433441	800000
2	1	7	566539	56	0	0	233405	800000
3	2	7	199288	54	1463	0	599141	800000
4	1	7	503217	78	0	0	296705	800000
5	2	7	173547	90	1249	0	625024	800000
6	3	7	703725	77	1782	958	93304	800000
7	3	7	610050	86	1550	950	187192	800000
8	1	7	373082	75	0	0	426843	800000
9	2	7	329234	88	1433	0	469157	800000
10	2	7	617715	73	1193	0	180946	800000
11	2	7	633029	53	1117	0	165748	800000
12	3	7	225828	50	1432	960	571630	800000
13	1	7	726732	55	0	0	73213	800000
14	3	7	12807	56	1424	1428	784173	800000
15	1	7	186	53	0	0	799761	800000

Type 5 #1 5500.00 [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	17	112446	91	1279	0	1386093	1500000
2	1	17	562034	80	0	0	937886	1500000
3	3	17	1125255	60	1784	1165	371616	1500000
4	1	17	274809	51	0	0	1225140	1500000
5	1	17	918854	83	0	0	581063	1500000
6	3	17	1133396	72	1585	1710	363093	1500000
7	2	17	1111174	50	1120	0	387606	1500000
8	1	17	168513	59	0	0	1331428	1500000

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Type 5 #2 5504.00 [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	1	18	267857	84	0	0	332059	600000
2	1	18	503243	77	0	0	96680	600000
3	1	18	14733	87	0	0	585180	600000
4	3	18	122645	99	1302	1889	473867	600000
5	1	18	227588	97	0	0	372315	600000
6	3	18	367182	75	1643	1776	229174	600000
7	1	18	16524	50	0	0	583426	600000
8	3	18	94963	56	1440	1758	501671	600000
9	2	18	240578	57	1887	0	357421	600000
10	1	18	9718	50	0	0	590232	600000
11	2	18	592509	67	1163	0	6194	600000
12	1	18	520564	59	0	0	79377	600000
13	3	18	434444	66	1398	1615	162345	600000
14	3	18	512932	62	1660	1052	84170	600000
15	1	18	496953	66	0	0	102981	600000
16	3	18	454919	100	1249	1878	141654	600000
17	2	18	159486	74	1401	0	438965	600000
18	3	18	293016	89	1829	1634	303254	600000
19	1	18	375584	81	0	0	224335	600000
20	3	18	521451	73	1134	1083	76113	600000

Type 5 #3 5494.80 [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	1	10	25882	58	0	0	1064969	1090909
2	3	10	319976	70	1054	1292	768377	1090909
3	3	10	223401	55	1001	1707	864635	1090909
4	2	10	875804	99	1510	0	213397	1090909
5	2	10	116132	68	1634	0	973007	1090909
6	1	10	493060	91	0	0	597758	1090909
7	1	10	230388	91	0	0	860430	1090909
8	1	10	264824	77	0	0	826008	1090909
9	1	10	865384	69	0	0	225456	1090909
10	2	10	702637	60	1455	0	386697	1090909
11	2	10	252684	60	1852	0	836253	1090909

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Type 5 #4 5500.00 [[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	1	7	592098	74	0	0	157828	750000
2	2	7	305971	66	1133	0	442764	750000
3	2	7	164267	96	973	0	584568	750000
4	2	7	163771	96	966	0	585071	750000
5	3	7	127299	54	956	976	620607	750000
6	3	7	195458	59	1574	1542	551249	750000
7	2	7	545990	96	1531	0	202287	750000
8	1	7	690373	88	0	0	59539	750000
9	2	7	337154	59	1130	0	411598	750000
10	1	7	15366	55	0	0	734579	750000
11	3	7	444321	100	1593	1165	302621	750000
12	1	7	464456	74	0	0	285470	750000
13	2	7	604192	56	1511	0	144185	750000
14	2	7	443344	68	1868	0	304652	750000
15	3	7	452331	84	1193	1214	295010	750000
16	3	7	514555	66	1515	1059	232673	750000

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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	11	534785	99	966	0	95629	631578
2	2	11	204292	77	1182	0	425950	631578
3	1	11	111431	61	0	0	520086	631578
4	2	11	506125	56	1024	0	124317	631578
5	1	11	624669	85	0	0	6824	631578
6	2	11	427662	96	1564	0	202160	631578
7	3	11	153010	83	1411	1789	475119	631578
8	3	11	375906	80	1197	1441	252794	631578
9	2	11	206575	99	1255	0	423550	631578
10	1	11	193228	76	0	0	438274	631578
11	1	11	203444	99	0	0	428035	631578
12	2	11	56476	59	1918	0	573066	631578
13	1	11	543113	73	0	0	88392	631578
14	3	11	340500	81	1560	1272	288003	631578
15	2	11	352485	50	1520	0	277473	631578
16	1	11	309203	89	0	0	322286	631578
17	2	11	145572	60	1822	0	484064	631578
18	2	11	108424	76	1743	0	521259	631578
19	2	11	65340	52	1574	0	564560	631578

Type 5 #6 5495.60 [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	9	54079	81	0	0	1279173	1333333
2	1	9	932144	67	0	0	401122	1333333
3	3	9	1251272	100	1137	1304	79320	1333333
4	1	9	1101070	87	0	0	232176	1333333
5	2	9	1003155	95	1477	0	328511	1333333
6	2	9	624549	71	1115	0	707527	1333333
7	3	9	584745	74	1309	1765	745292	1333333
8	2	9	616882	80	1611	0	714680	1333333
9	1	9	1214198	75	0	0	119060	1333333

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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	14	958475	63	0	0	132371	1090909
2	1	14	657345	81	0	0	433483	1090909
3	1	14	540075	60	0	0	550774	1090909
4	3	14	237247	52	1039	1110	851357	1090909
5	3	14	1049349	74	1841	1325	38172	1090909
6	2	14	394873	76	1692	0	694192	1090909
7	1	14	721621	69	0	0	369219	1090909
8	2	14	334914	70	1595	0	754260	1090909
9	2	14	107168	69	1332	0	982271	1090909
10	2	14	207523	80	1652	0	881574	1090909
11	1	14	318124	68	0	0	772717	1090909

Type 5 #8 5494.40 [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	6	261014	62	1813	0	594191	857142
2	2	6	205284	76	1753	0	649953	857142
3	1	6	714410	92	0	0	142640	857142
4	2	6	731839	82	1344	0	123795	857142
5	3	6	658347	66	1525	1751	195321	857142
6	2	6	596779	73	1236	0	258981	857142
7	3	6	235625	97	1550	1137	618539	857142
8	1	6	751670	63	0	0	105409	857142
9	3	6	684402	63	1098	1806	169647	857142
10	3	6	807270	58	1495	1538	46665	857142
11	1	6	714769	74	0	0	142299	857142
12	2	6	837551	67	1863	0	17594	857142
13	3	6	627581	91	1158	1207	226923	857142
14	1	6	331535	80	0	0	525527	857142

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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	19	70587	99	0	0	1129314	1200000
2	2	19	629675	71	1899	0	568284	1200000
3	1	19	121281	70	0	0	1078649	1200000
4	1	19	603193	83	0	0	596724	1200000
5	2	19	515967	81	1088	0	682783	1200000
6	3	19	682763	57	1873	1855	513338	1200000
7	1	19	388683	88	0	0	811229	1200000
8	1	19	347576	70	0	0	852354	1200000
9	2	19	475307	54	1168	0	723417	1200000
10	1	19	396160	70	0	0	803770	1200000

Type 5 #10 5500.00 [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	1	16	194863	60	0	0	1305077	1500000
2	2	16	47479	60	1420	0	1450981	1500000
3	2	16	901349	54	1551	0	596992	1500000
4	2	16	1083134	69	1699	0	415029	1500000
5	1	16	250280	80	0	0	1249640	1500000
6	2	16	602567	51	1047	0	896284	1500000
7	2	16	1228750	51	1154	0	269994	1500000
8	2	16	1403610	95	1842	0	94358	1500000

Type 5 #11 5506.00 [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	290086	94	1269	0	908457	1200000
2	1	12	841128	90	0	0	358782	1200000
3	3	12	298426	51	1585	1918	897918	1200000
4	2	12	112441	66	1194	0	1086233	1200000
5	1	12	1163475	55	0	0	36470	1200000
6	3	12	840599	81	1869	1122	356167	1200000
7	3	12	237495	72	1526	1285	959478	1200000
8	3	12	1122471	67	1098	1170	75060	1200000
9	2	12	467850	85	1721	0	730259	1200000
10	1	12	689360	79	0	0	510561	1200000

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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	14	534938	93	1172	1750	211861	750000
2	2	14	207238	82	1768	0	540830	750000
3	3	14	457579	95	1169	943	290024	750000
4	1	14	84215	78	0	0	665707	750000
5	1	14	527475	93	0	0	222432	750000
6	2	14	477920	74	1145	0	270787	750000
7	2	14	572188	63	1075	0	176611	750000
8	1	14	266776	80	0	0	483144	750000
9	1	14	623272	99	0	0	126629	750000
10	2	14	681749	83	1719	0	66366	750000
11	2	14	284842	67	1452	0	463572	750000
12	2	14	570644	78	1909	0	177291	750000
13	2	14	309404	75	1104	0	439342	750000
14	3	14	608410	74	1797	1683	137888	750000
15	1	14	521423	72	0	0	228505	750000
16	2	14	351763	50	1214	0	396923	750000

Type 5 #13 5500.00 [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	1	18	517842	77	0	0	282081	800000
2	3	18	461887	50	1834	1485	334644	800000
3	1	18	423112	56	0	0	376832	800000
4	3	18	730079	98	1782	1037	66808	800000
5	2	18	319656	76	1020	0	479172	800000
6	3	18	589064	55	955	1530	208286	800000
7	1	18	205846	76	0	0	594078	800000
8	3	18	487025	84	1463	1598	309662	800000
9	1	18	505539	67	0	0	294394	800000
10	1	18	671898	80	0	0	128022	800000
11	2	18	442284	60	1068	0	356528	800000
12	3	18	758281	89	1383	1158	38911	800000
13	3	18	689899	51	1900	1790	106258	800000
14	2	18	224140	83	1813	0	573881	800000
15	1	18	243862	66	0	0	556072	800000

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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	338452	94	0	0	518596	857142
2	1	8	506115	55	0	0	350972	857142
3	2	8	224474	90	1873	0	630615	857142
4	2	8	509509	73	1211	0	346276	857142
5	3	8	653949	79	1306	1257	200393	857142
6	2	8	118761	98	1847	0	736338	857142
7	3	8	499663	81	1168	1326	354742	857142
8	2	8	682622	50	1585	0	172835	857142
9	1	8	36817	64	0	0	820261	857142
10	3	8	70661	83	1709	1347	783176	857142
11	3	8	689751	87	1642	1176	164312	857142
12	2	8	335058	85	1282	0	520632	857142
13	1	8	162980	73	0	0	694089	857142
14	2	8	717448	86	1810	0	137712	857142

Type 5 #15 5501.20 [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	20	1164982	98	1426	0	33396	1200000
2	3	20	1111472	64	1664	1499	85173	1200000
3	2	20	1190087	52	1819	0	7990	1200000
4	2	20	370313	57	1036	0	828537	1200000
5	3	20	182077	63	949	1769	1015016	1200000
6	3	20	706910	58	1474	1839	489603	1200000
7	3	20	349027	77	1631	1127	847984	1200000
8	1	20	337646	62	0	0	862292	1200000
9	3	20	382425	73	1322	1384	814650	1200000
10	2	20	893411	59	1059	0	305412	1200000

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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	16	88629	85	1427	0	541352	631578
2	2	16	19915	72	1713	0	609806	631578
3	1	16	265475	97	0	0	366006	631578
4	1	16	538157	64	0	0	93357	631578
5	3	16	593051	93	1468	1371	35409	631578
6	2	16	406539	72	1461	0	223434	631578
7	3	16	602459	91	1755	919	26172	631578
8	1	16	95295	57	0	0	536226	631578
9	2	16	486263	90	1406	0	143729	631578
10	2	16	142088	80	956	0	488374	631578
11	1	16	215376	94	0	0	416108	631578
12	3	16	15360	59	1169	1565	613307	631578
13	3	16	132973	98	1178	938	496195	631578
14	1	16	291786	54	0	0	339738	631578
15	1	16	442869	57	0	0	188652	631578
16	2	16	436699	52	1013	0	193762	631578
17	2	16	193962	95	1563	0	435863	631578
18	2	16	601196	94	1343	0	28851	631578
19	3	16	280327	97	1419	1571	347970	631578

Type 5 #17 5500.00 [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	9	519846	71	1490	1104	477347	1000000
2	1	9	88026	79	0	0	911895	1000000
3	1	9	837247	58	0	0	162695	1000000
4	1	9	110511	99	0	0	889390	1000000
5	1	9	598694	75	0	0	401231	1000000
6	3	9	326443	58	1760	1066	670557	1000000
7	2	9	254591	57	1898	0	743397	1000000
8	1	9	604630	58	0	0	395312	1000000
9	1	9	126378	67	0	0	873555	1000000
10	1	9	613610	54	0	0	386336	1000000
11	3	9	319060	76	1573	1892	677247	1000000
12	2	9	294035	77	1005	0	704806	1000000

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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	5	317444	65	0	0	482491	800000
2	3	5	719667	52	1406	1249	77522	800000
3	3	5	615933	84	1274	1319	181222	800000
4	3	5	440270	69	1437	1473	356613	800000
5	2	5	450415	64	1614	0	347843	800000
6	3	5	690370	61	1248	1905	106294	800000
7	1	5	783619	65	0	0	16316	800000
8	3	5	248873	69	963	1797	548160	800000
9	3	5	730988	84	982	1525	66253	800000
10	2	5	629194	88	1775	0	168855	800000
11	1	5	55233	87	0	0	744680	800000
12	2	5	185930	53	1173	0	612791	800000
13	3	5	38116	80	1730	1456	758458	800000
14	2	5	142670	90	1909	0	655241	800000
15	2	5	496642	84	1462	0	301728	800000

Type 5 #19 5494.40 [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	6	528582	98	1495	0	269727	800000
2	3	6	764206	55	985	1514	33130	800000
3	3	6	503964	79	1482	1727	292590	800000
4	2	6	423407	65	1566	0	374897	800000
5	2	6	457879	67	1895	0	340092	800000
6	3	6	356294	66	1435	1251	440822	800000
7	3	6	171951	73	1236	1568	625026	800000
8	3	6	496531	90	1406	1389	300404	800000
9	3	6	34926	61	1557	1608	761726	800000
10	3	6	313963	62	1875	1019	482957	800000
11	2	6	334274	88	1075	0	464475	800000
12	3	6	604119	86	1556	1378	192689	800000
13	3	6	359162	51	1942	1167	437576	800000
14	3	6	762850	95	987	1618	34260	800000
15	3	6	554358	94	1552	1191	242617	800000

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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	16	968886	95	1034	0	363223	1333333
2	3	16	1044279	76	1298	1892	285636	1333333
3	2	16	1134962	100	1362	0	196809	1333333
4	2	16	1050130	58	1529	0	281558	1333333
5	3	16	1058594	51	1261	1819	271506	1333333
6	3	16	494716	64	1053	1361	836011	1333333
7	2	16	1209136	94	1369	0	122640	1333333
8	3	16	1238507	55	1703	1550	91408	1333333
9	1	16	717409	84	0	0	615840	1333333

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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	6	255403	74	0	0	835432	1090909
2	1	6	926246	64	0	0	164599	1090909
3	1	6	99916	91	0	0	990902	1090909
4	2	6	392159	70	1781	0	696829	1090909
5	1	6	643082	71	0	0	447756	1090909
6	2	6	961940	84	1863	0	126938	1090909
7	1	6	870092	63	0	0	220754	1090909
8	2	6	280613	57	1623	0	808559	1090909
9	3	6	153505	82	1181	1192	934785	1090909
10	1	6	993929	56	0	0	96924	1090909
11	1	6	635805	57	0	0	455047	1090909

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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	5	847617	82	1904	1608	481958	1333333
2	3	5	612162	53	1172	1205	718635	1333333
3	3	5	1163975	77	1642	1757	165728	1333333
4	1	5	225509	58	0	0	1107766	1333333
5	3	5	774222	57	1510	1202	556228	1333333
6	2	5	909361	97	1584	0	422194	1333333
7	1	5	1101200	96	0	0	232037	1333333
8	1	5	66443	100	0	0	1266790	1333333
9	2	5	907317	96	920	0	424904	1333333

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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	8	297782	96	1083	0	791852	1090909
2	1	8	785313	71	0	0	305525	1090909
3	3	8	253657	58	1065	1320	834693	1090909
4	2	8	846429	68	1510	0	242834	1090909
5	3	8	963183	81	1812	1481	124190	1090909
6	2	8	804079	55	1210	0	285510	1090909
7	1	8	724693	87	0	0	366129	1090909
8	3	8	280233	65	1396	1417	807668	1090909
9	1	8	715876	59	0	0	374974	1090909
10	3	8	597323	94	1723	1901	489680	1090909
11	2	8	1054680	72	1489	0	34596	1090909

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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	9	471892	81	0	0	233909	705882
2	1	9	81881	62	0	0	623939	705882
3	1	9	503883	93	0	0	201906	705882
4	2	9	67770	64	964	0	637020	705882
5	2	9	166842	78	930	0	537954	705882
6	3	9	503349	51	1240	1588	199552	705882
7	1	9	512434	85	0	0	193363	705882
8	3	9	572051	96	1040	978	131525	705882
9	3	9	598994	96	944	1518	104138	705882
10	1	9	505444	76	0	0	200362	705882
11	3	9	372472	76	1308	1917	329957	705882
12	3	9	18816	53	1314	1327	684266	705882
13	2	9	13351	87	1267	0	691090	705882
14	1	9	196147	50	0	0	509685	705882
15	2	9	464094	98	1482	0	240110	705882
16	3	9	534643	99	914	1892	168136	705882
17	1	9	472705	97	0	0	233080	705882

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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	11	936978	87	1094	0	61754	1000000
2	2	11	306266	86	1828	0	691734	1000000
3	3	11	508166	55	1778	1864	488027	1000000
4	2	11	58962	72	1493	0	939401	1000000
5	3	11	736538	67	1705	1372	260184	1000000
6	2	11	969898	81	1599	0	28341	1000000
7	1	11	377258	50	0	0	622692	1000000
8	3	11	847910	73	1006	1175	149690	1000000
9	2	11	362705	67	1787	0	635374	1000000
10	1	11	430551	53	0	0	569396	1000000
11	2	11	635663	64	1223	0	362986	1000000
12	2	11	644387	67	1432	0	354047	1000000

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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	251663	97	927	1761	745358	1000000
2	1	15	145675	77	0	0	854248	1000000
3	1	15	209095	70	0	0	790835	1000000
4	1	15	917875	100	0	0	82025	1000000
5	1	15	368484	78	0	0	631438	1000000
6	2	15	718887	59	1093	0	279902	1000000
7	3	15	432357	99	953	1742	564651	1000000
8	3	15	992165	51	1674	1632	4376	1000000
9	1	15	592442	97	0	0	407461	1000000
10	1	15	787686	69	0	0	212245	1000000
11	1	15	220021	75	0	0	779904	1000000
12	2	15	444984	71	953	0	553921	1000000

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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	11	314034	67	1466	0	684366	1000000
2	2	11	972120	57	1200	0	26566	1000000
3	2	11	435682	58	1198	0	563004	1000000
4	3	11	271564	99	1675	1677	724787	1000000
5	3	11	557436	91	1550	1352	439389	1000000
6	1	11	346853	78	0	0	653069	1000000
7	3	11	289168	80	1213	1269	708110	1000000
8	2	11	191205	81	1366	0	807267	1000000
9	1	11	905202	95	0	0	94703	1000000
10	1	11	569832	58	0	0	430110	1000000
11	2	11	94977	73	1597	0	903280	1000000
12	2	11	869828	76	1816	0	128204	1000000

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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	6	872107	77	1550	1427	624685	1500000
2	1	6	948540	99	0	0	551361	1500000
3	2	6	121479	51	1278	0	1377141	1500000
4	3	6	594641	96	1640	1246	902185	1500000
5	2	6	963570	100	1794	0	534436	1500000
6	3	6	1027861	64	1770	1885	468292	1500000
7	3	6	409444	99	1559	1190	1087510	1500000
8	3	6	1403419	66	1133	1631	93619	1500000

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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	19	1409644	72	942	0	89270	1500000
2	2	19	909945	68	1461	0	588458	1500000
3	2	19	1289621	77	1656	0	208569	1500000
4	2	19	1024703	88	1165	0	473956	1500000
5	3	19	587504	64	1671	1359	909274	1500000
6	2	19	296904	54	1211	0	1201777	1500000
7	3	19	869166	52	1412	1147	628119	1500000
8	1	19	873032	87	0	0	626881	1500000

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Type 6 #1 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5502	#02-5349	#03-5418	#04-5369	#05-5304	#06-5444	#07-5506	#08-5261	#09-5563	#10-5407
#11-5681	#12-5460	#13-5370	#14-5426	#15-5318	#16-5534	#17-5537	#18-5530	#19-5510	#20-5703
#21-5381	#22-5602	#23-5375	#24-5482	#25-5720	#26-5377	#27-5564	#28-5288	#29-5478	#30-5515
#31-5258	#32-5298	#33-5329	#34-5285	#35-5479	#36-5396	#37-5716	#38-5299	#39-5280	#40-5607
#41-5693	#42-5387	#43-5424	#44-5629	#45-5495	#46-5401	#47-5712	#48-5569	#49-5337	#50-5383
#51-5394	#52-5625	#53-5699	#54-5591	#55-5546	#56-5449	#57-5379	#58-5422	#59-5525	#60-5653
#61-5415	#62-5452	#63-5322	#64-5346	#65-5283	#66-5302	#67-5308	#68-5384	#69-5518	#70-5654
#71-5351	#72-5406	#73-5306	#74-5327	#75-5578	#76-5474	#77-5700	#78-5279	#79-5300	#80-5633
#81-5428	#82-5599	#83-5628	#84-5429	#85-5311	#86-5507	#87-5613	#88-5574	#89-5517	#90-5644
#91-5582	#92-5331	#93-5289	#94-5697	#95-5557	#96-5399	#97-5368	#98-5481	#99-5435	#100-5543

Type 6 #2 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5454	#02-5293	#03-5630	#04-5542	#05-5642	#06-5513	#07-5693	#08-5700	#09-5403	#10-5392
#11-5474	#12-5270	#13-5711	#14-5578	#15-5418	#16-5696	#17-5519	#18-5419	#19-5535	#20-5251
#21-5259	#22-5493	#23-5638	#24-5366	#25-5334	#26-5355	#27-5271	#28-5324	#29-5582	#30-5522
#31-5370	#32-5448	#33-5610	#34-5394	#35-5585	#36-5524	#37-5589	#38-5349	#39-5606	#40-5541
#41-5490	#42-5440	#43-5269	#44-5710	#45-5368	#46-5388	#47-5482	#48-5396	#49-5686	#50-5485
#51-5624	#52-5445	#53-5525	#54-5717	#55-5426	#56-5558	#57-5407	#58-5672	#59-5625	#60-5546
#61-5595	#62-5353	#63-5351	#64-5433	#65-5367	#66-5453	#67-5655	#68-5319	#69-5654	#70-5434
#71-5303	#72-5305	#73-5347	#74-5348	#75-5607	#76-5567	#77-5435	#78-5560	#79-5548	#80-5318
#81-5674	#82-5310	#83-5532	#84-5317	#85-5281	#86-5667	#87-5658	#88-5641	#89-5669	#90-5570
#91-5478	#92-5609	#93-5660	#94-5555	#95-5364	#96-5668	#97-5415	#98-5695	#99-5357	#100-5676

Type 6 #3 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5471	#02-5661	#03-5328	#04-5459	#05-5420	#06-5314	#07-5308	#08-5360	#09-5284	#10-5468
#11-5722	#12-5283	#13-5484	#14-5497	#15-5560	#16-5386	#17-5623	#18-5377	#19-5720	#20-5518
#21-5549	#22-5458	#23-5552	#24-5464	#25-5301	#26-5452	#27-5492	#28-5529	#29-5444	#30-5577
#31-5685	#32-5563	#33-5596	#34-5713	#35-5546	#36-5496	#37-5593	#38-5582	#39-5558	#40-5535
#41-5259	#42-5450	#43-5576	#44-5426	#45-5307	#46-5532	#47-5383	#48-5288	#49-5700	#50-5263
#51-5358	#52-5430	#53-5368	#54-5580	#55-5480	#56-5273	#57-5395	#58-5322	#59-5486	#60-5659
#61-5688	#62-5397	#63-5327	#64-5605	#65-5376	#66-5660	#67-5715	#68-5647	#69-5543	#70-5423
#71-5613	#72-5600	#73-5719	#74-5648	#75-5406	#76-5601	#77-5371	#78-5595	#79-5488	#80-5533
#81-5550	#82-5252	#83-5689	#84-5305	#85-5711	#86-5503	#87-5664	#88-5373	#89-5565	#90-5384
#91-5306	#92-5407	#93-5574	#94-5628	#95-5341	#96-5540	#97-5256	#98-5357	#99-5493	#100-5269

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Type 6 #4 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5633	#03-5334	#04-5591	#05-5518	#06-5675	#07-5615	#08-5359	#09-5450	#10-5589
#11-5501	#12-5478	#13-5520	#14-5657	#15-5275	#16-5556	#17-5368	#18-5660	#19-5596	#20-5332
#21-5550	#22-5339	#23-5724	#24-5277	#25-5468	#26-5458	#27-5672	#28-5527	#29-5443	#30-5609
#31-5561	#32-5320	#33-5306	#34-5696	#35-5369	#36-5511	#37-5552	#38-5299	#39-5263	#40-5364
#41-5519	#42-5529	#43-5653	#44-5303	#45-5695	#46-5360	#47-5474	#48-5708	#49-5612	#50-5722
#51-5557	#52-5397	#53-5574	#54-5719	#55-5490	#56-5457	#57-5407	#58-5626	#59-5503	#60-5312
#61-5308	#62-5594	#63-5684	#64-5587	#65-5694	#66-5620	#67-5437	#68-5581	#69-5532	#70-5611
#71-5582	#72-5692	#73-5280	#74-5534	#75-5321	#76-5698	#77-5498	#78-5347	#79-5689	#80-5639
#81-5445	#82-5301	#83-5413	#84-5471	#85-5701	#86-5502	#87-5271	#88-5345	#89-5616	#90-5362
#91-5586	#92-5309	#93-5344	#94-5358	#95-5391	#96-5579	#97-5281	#98-5440	#99-5671	#100-5540

Type 6 #5 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5606	#02-5301	#03-5435	#04-5520	#05-5516	#06-5683	#07-5309	#08-5642	#09-5538	#10-5398
#11-5587	#12-5543	#13-5365	#14-5720	#15-5644	#16-5659	#17-5560	#18-5437	#19-5719	#20-5470
#21-5356	#22-5548	#23-5313	#24-5261	#25-5604	#26-5390	#27-5681	#28-5379	#29-5418	#30-5608
#31-5255	#32-5354	#33-5598	#34-5590	#35-5647	#36-5706	#37-5479	#38-5386	#39-5557	#40-5445
#41-5298	#42-5609	#43-5490	#44-5717	#45-5395	#46-5585	#47-5252	#48-5676	#49-5320	#50-5500
#51-5478	#52-5372	#53-5508	#54-5637	#55-5352	#56-5512	#57-5369	#58-5515	#59-5581	#60-5438
#61-5322	#62-5378	#63-5678	#64-5330	#65-5300	#66-5412	#67-5275	#68-5307	#69-5489	#70-5428
#71-5496	#72-5305	#73-5397	#74-5535	#75-5444	#76-5558	#77-5403	#78-5528	#79-5339	#80-5419
#81-5394	#82-5447	#83-5567	#84-5454	#85-5657	#86-5653	#87-5519	#88-5277	#89-5302	#90-5626
#91-5467	#92-5531	#93-5632	#94-5677	#95-5514	#96-5295	#97-5442	#98-5714	#99-5668	#100-5262

Type 6 #6 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5582	#02-5395	#03-5542	#04-5317	#05-5536	#06-5353	#07-5579	#08-5285	#09-5368	#10-5410
#11-5628	#12-5709	#13-5480	#14-5488	#15-5458	#16-5682	#17-5342	#18-5378	#19-5694	#20-5401
#21-5444	#22-5403	#23-5655	#24-5462	#25-5638	#26-5650	#27-5296	#28-5300	#29-5613	#30-5483
#31-5622	#32-5430	#33-5450	#34-5435	#35-5422	#36-5637	#37-5590	#38-5367	#39-5416	#40-5423
#41-5266	#42-5507	#43-5306	#44-5419	#45-5547	#46-5402	#47-5601	#48-5469	#49-5557	#50-5677
#51-5313	#52-5269	#53-5517	#54-5543	#55-5428	#56-5464	#57-5329	#58-5404	#59-5610	#60-5528
#61-5396	#62-5513	#63-5448	#64-5508	#65-5295	#66-5503	#67-5294	#68-5477	#69-5261	#70-5702
#71-5427	#72-5620	#73-5599	#74-5293	#75-5340	#76-5498	#77-5420	#78-5556	#79-5530	#80-5558
#81-5411	#82-5658	#83-5616	#84-5531	#85-5436	#86-5481	#87-5359	#88-5595	#89-5696	#90-5289
#91-5357	#92-5347	#93-5433	#94-5512	#95-5302	#96-5465	#97-5539	#98-5366	#99-5532	#100-5362

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Type 6 #7 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5610	#02-5696	#03-5340	#04-5330	#05-5680	#06-5287	#07-5574	#08-5403	#09-5697	#10-5328
#11-5460	#12-5290	#13-5504	#14-5418	#15-5332	#16-5557	#17-5723	#18-5331	#19-5322	#20-5301
#21-5391	#22-5373	#23-5518	#24-5329	#25-5505	#26-5670	#27-5368	#28-5500	#29-5341	#30-5522
#31-5372	#32-5474	#33-5648	#34-5541	#35-5562	#36-5658	#37-5439	#38-5678	#39-5375	#40-5354
#41-5409	#42-5297	#43-5457	#44-5534	#45-5509	#46-5688	#47-5262	#48-5538	#49-5573	#50-5546
#51-5250	#52-5424	#53-5456	#54-5628	#55-5698	#56-5712	#57-5663	#58-5643	#59-5386	#60-5669
#61-5302	#62-5431	#63-5493	#64-5388	#65-5586	#66-5437	#67-5672	#68-5269	#69-5467	#70-5644
#71-5708	#72-5623	#73-5636	#74-5691	#75-5558	#76-5360	#77-5397	#78-5660	#79-5324	#80-5683
#81-5567	#82-5300	#83-5401	#84-5366	#85-5363	#86-5491	#87-5352	#88-5481	#89-5265	#90-5550
#91-5400	#92-5590	#93-5554	#94-5441	#95-5443	#96-5545	#97-5661	#98-5405	#99-5533	#100-5714

Type 6 #8 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5258	#02-5334	#03-5343	#04-5615	#05-5355	#06-5546	#07-5603	#08-5387	#09-5520	#10-5627
#11-5353	#12-5403	#13-5571	#14-5588	#15-5459	#16-5337	#17-5541	#18-5684	#19-5612	#20-5320
#21-5495	#22-5604	#23-5460	#24-5671	#25-5373	#26-5413	#27-5363	#28-5617	#29-5686	#30-5259
#31-5682	#32-5397	#33-5688	#34-5388	#35-5461	#36-5634	#37-5254	#38-5521	#39-5372	#40-5319
#41-5652	#42-5700	#43-5651	#44-5594	#45-5647	#46-5681	#47-5452	#48-5421	#49-5345	#50-5574
#51-5351	#52-5663	#53-5564	#54-5463	#55-5405	#56-5408	#57-5422	#58-5440	#59-5273	#60-5628
#61-5665	#62-5344	#63-5446	#64-5424	#65-5426	#66-5625	#67-5321	#68-5600	#69-5631	#70-5412
#71-5490	#72-5250	#73-5568	#74-5629	#75-5533	#76-5327	#77-5451	#78-5456	#79-5636	#80-5445
#81-5348	#82-5638	#83-5358	#84-5296	#85-5649	#86-5306	#87-5476	#88-5556	#89-5331	#90-5416
#91-5711	#92-5605	#93-5455	#94-5420	#95-5470	#96-5381	#97-5545	#98-5341	#99-5411	#100-5585

Type 6 #9 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5663	#02-5721	#03-5559	#04-5596	#05-5331	#06-5696	#07-5709	#08-5361	#09-5432	#10-5566
#11-5431	#12-5337	#13-5377	#14-5271	#15-5501	#16-5396	#17-5544	#18-5405	#19-5423	#20-5391
#21-5558	#22-5581	#23-5273	#24-5327	#25-5631	#26-5705	#27-5399	#28-5505	#29-5625	#30-5392
#31-5546	#32-5672	#33-5435	#34-5467	#35-5376	#36-5340	#37-5394	#38-5584	#39-5347	#40-5711
#41-5395	#42-5424	#43-5368	#44-5292	#45-5449	#46-5530	#47-5251	#48-5525	#49-5643	#50-5330
#51-5443	#52-5354	#53-5390	#54-5535	#55-5518	#56-5716	#57-5532	#58-5609	#59-5667	#60-5528
#61-5374	#62-5306	#63-5358	#64-5260	#65-5563	#66-5574	#67-5684	#68-5589	#69-5506	#70-5594
#71-5520	#72-5623	#73-5592	#74-5628	#75-5591	#76-5717	#77-5363	#78-5529	#79-5641	#80-5695
#81-5593	#82-5512	#83-5379	#84-5427	#85-5539	#86-5702	#87-5350	#88-5645	#89-5653	#90-5618
#91-5514	#92-5346	#93-5288	#94-5680	#95-5686	#96-5560	#97-5460	#98-5689	#99-5311	#100-5633

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Type 6 #10 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5556	#02-5706	#03-5523	#04-5674	#05-5415	#06-5388	#07-5502	#08-5441	#09-5290	#10-5694
#11-5446	#12-5275	#13-5396	#14-5463	#15-5284	#16-5488	#17-5585	#18-5439	#19-5591	#20-5255
#21-5327	#22-5548	#23-5495	#24-5679	#25-5582	#26-5281	#27-5567	#28-5332	#29-5384	#30-5383
#31-5547	#32-5318	#33-5518	#34-5390	#35-5558	#36-5429	#37-5400	#38-5480	#39-5267	#40-5401
#41-5426	#42-5474	#43-5360	#44-5624	#45-5263	#46-5358	#47-5466	#48-5651	#49-5577	#50-5321
#51-5599	#52-5500	#53-5445	#54-5628	#55-5479	#56-5407	#57-5278	#58-5720	#59-5557	#60-5357
#61-5659	#62-5359	#63-5630	#64-5560	#65-5623	#66-5681	#67-5603	#68-5323	#69-5451	#70-5527
#71-5337	#72-5355	#73-5422	#74-5440	#75-5553	#76-5437	#77-5595	#78-5666	#79-5539	#80-5641
#81-5313	#82-5508	#83-5297	#84-5598	#85-5614	#86-5635	#87-5405	#88-5647	#89-5634	#90-5467
#91-5316	#92-5569	#93-5525	#94-5251	#95-5306	#96-5392	#97-5450	#98-5300	#99-5708	#100-5494

Type 6 #11 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5328	#02-5254	#03-5324	#04-5627	#05-5695	#06-5407	#07-5303	#08-5333	#09-5542	#10-5268
#11-5604	#12-5567	#13-5301	#14-5576	#15-5714	#16-5413	#17-5300	#18-5376	#19-5657	#20-5432
#21-5512	#22-5698	#23-5487	#24-5258	#25-5636	#26-5594	#27-5610	#28-5719	#29-5396	#30-5440
#31-5430	#32-5329	#33-5264	#34-5694	#35-5593	#36-5539	#37-5718	#38-5351	#39-5564	#40-5342
#41-5448	#42-5437	#43-5251	#44-5473	#45-5400	#46-5697	#47-5490	#48-5704	#49-5648	#50-5311
#51-5540	#52-5281	#53-5562	#54-5618	#55-5308	#56-5538	#57-5418	#58-5338	#59-5395	#60-5552
#61-5424	#62-5287	#63-5606	#64-5465	#65-5404	#66-5383	#67-5555	#68-5420	#69-5499	#70-5299
#71-5256	#72-5444	#73-5637	#74-5478	#75-5417	#76-5290	#77-5506	#78-5277	#79-5677	#80-5403
#81-5701	#82-5364	#83-5372	#84-5658	#85-5475	#86-5671	#87-5621	#88-5263	#89-5488	#90-5436
#91-5518	#92-5481	#93-5316	#94-5549	#95-5530	#96-5514	#97-5471	#98-5442	#99-5370	#100-5513

Type 6 #12 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5612	#02-5619	#03-5343	#04-5505	#05-5585	#06-5703	#07-5511	#08-5642	#09-5460	#10-5334
#11-5453	#12-5628	#13-5448	#14-5290	#15-5472	#16-5678	#17-5622	#18-5367	#19-5473	#20-5603
#21-5285	#22-5492	#23-5702	#24-5651	#25-5405	#26-5412	#27-5592	#28-5485	#29-5716	#30-5530
#31-5282	#32-5305	#33-5438	#34-5477	#35-5336	#36-5402	#37-5615	#38-5693	#39-5359	#40-5346
#41-5278	#42-5351	#43-5314	#44-5578	#45-5593	#46-5509	#47-5307	#48-5561	#49-5574	#50-5325
#51-5369	#52-5417	#53-5349	#54-5423	#55-5361	#56-5276	#57-5650	#58-5654	#59-5420	#60-5573
#61-5259	#62-5538	#63-5720	#64-5591	#65-5470	#66-5493	#67-5664	#68-5464	#69-5600	#70-5586
#71-5552	#72-5543	#73-5333	#74-5427	#75-5681	#76-5410	#77-5385	#78-5401	#79-5685	#80-5357
#81-5559	#82-5644	#83-5302	#84-5442	#85-5582	#86-5348	#87-5502	#88-5255	#89-5583	#90-5695
#91-5312	#92-5354	#93-5572	#94-5366	#95-5537	#96-5630	#97-5292	#98-5555	#99-5522	#100-5604

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Type 6 #13 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5277	#02-5573	#03-5495	#04-5698	#05-5414	#06-5284	#07-5421	#08-5299	#09-5430	#10-5410
#11-5672	#12-5417	#13-5648	#14-5493	#15-5365	#16-5347	#17-5692	#18-5546	#19-5685	#20-5362
#21-5364	#22-5435	#23-5577	#24-5562	#25-5269	#26-5265	#27-5397	#28-5452	#29-5516	#30-5338
#31-5504	#32-5563	#33-5554	#34-5484	#35-5650	#36-5375	#37-5584	#38-5558	#39-5533	#40-5515
#41-5626	#42-5272	#43-5661	#44-5537	#45-5443	#46-5700	#47-5293	#48-5514	#49-5670	#50-5588
#51-5701	#52-5644	#53-5640	#54-5458	#55-5309	#56-5371	#57-5576	#58-5406	#59-5627	#60-5703
#61-5619	#62-5583	#63-5638	#64-5446	#65-5344	#66-5568	#67-5714	#68-5259	#69-5358	#70-5712
#71-5401	#72-5571	#73-5463	#74-5412	#75-5274	#76-5550	#77-5290	#78-5353	#79-5662	#80-5475
#81-5528	#82-5275	#83-5590	#84-5254	#85-5486	#86-5402	#87-5631	#88-5257	#89-5273	#90-5341
#91-5349	#92-5300	#93-5450	#94-5524	#95-5479	#96-5713	#97-5492	#98-5318	#99-5720	#100-5622

Type 6 #14 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5455	#02-5552	#03-5440	#04-5366	#05-5523	#06-5290	#07-5297	#08-5358	#09-5360	#10-5527
#11-5430	#12-5624	#13-5702	#14-5710	#15-5497	#16-5514	#17-5559	#18-5494	#19-5284	#20-5723
#21-5617	#22-5657	#23-5451	#24-5714	#25-5628	#26-5387	#27-5635	#28-5720	#29-5539	#30-5401
#31-5570	#32-5280	#33-5693	#34-5658	#35-5378	#36-5286	#37-5685	#38-5306	#39-5637	#40-5644
#41-5400	#42-5472	#43-5413	#44-5690	#45-5404	#46-5515	#47-5563	#48-5619	#49-5713	#50-5376
#51-5620	#52-5627	#53-5362	#54-5546	#55-5375	#56-5584	#57-5594	#58-5259	#59-5437	#60-5564
#61-5386	#62-5512	#63-5495	#64-5667	#65-5704	#66-5368	#67-5532	#68-5405	#69-5573	#70-5385
#71-5403	#72-5536	#73-5489	#74-5319	#75-5684	#76-5289	#77-5389	#78-5462	#79-5548	#80-5668
#81-5341	#82-5309	#83-5530	#84-5463	#85-5351	#86-5574	#87-5554	#88-5605	#89-5586	#90-5496
#91-5270	#92-5682	#93-5500	#94-5431	#95-5465	#96-5303	#97-5639	#98-5332	#99-5411	#100-5697

Type 6 #15 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5298	#02-5354	#03-5665	#04-5477	#05-5524	#06-5721	#07-5613	#08-5648	#09-5642	#10-5671
#11-5723	#12-5612	#13-5680	#14-5473	#15-5283	#16-5667	#17-5471	#18-5623	#19-5451	#20-5504
#21-5541	#22-5289	#23-5469	#24-5361	#25-5350	#26-5513	#27-5683	#28-5348	#29-5722	#30-5540
#31-5633	#32-5585	#33-5655	#34-5440	#35-5260	#36-5425	#37-5522	#38-5599	#39-5299	#40-5557
#41-5716	#42-5663	#43-5579	#44-5323	#45-5696	#46-5545	#47-5502	#48-5266	#49-5606	#50-5631
#51-5405	#52-5259	#53-5610	#54-5553	#55-5376	#56-5261	#57-5287	#58-5515	#59-5650	#60-5351
#61-5288	#62-5387	#63-5681	#64-5489	#65-5463	#66-5583	#67-5394	#68-5597	#69-5573	#70-5618
#71-5512	#72-5603	#73-5435	#74-5396	#75-5403	#76-5378	#77-5692	#78-5250	#79-5570	#80-5449
#81-5708	#82-5616	#83-5704	#84-5274	#85-5285	#86-5694	#87-5472	#88-5520	#89-5262	#90-5284
#91-5265	#92-5305	#93-5644	#94-5685	#95-5417	#96-5713	#97-5368	#98-5527	#99-5549	#100-5399

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5723	#02-5293	#03-5287	#04-5669	#05-5450	#06-5368	#07-5397	#08-5408	#09-5657	#10-5454
#11-5462	#12-5292	#13-5425	#14-5374	#15-5536	#16-5347	#17-5310	#18-5590	#19-5683	#20-5361
#21-5582	#22-5363	#23-5637	#24-5505	#25-5650	#26-5321	#27-5273	#28-5448	#29-5715	#30-5630
#31-5482	#32-5426	#33-5326	#34-5544	#35-5474	#36-5718	#37-5483	#38-5507	#39-5537	#40-5359
#41-5612	#42-5387	#43-5332	#44-5576	#45-5257	#46-5602	#47-5678	#48-5560	#49-5606	#50-5615
#51-5307	#52-5662	#53-5591	#54-5351	#55-5541	#56-5609	#57-5381	#58-5506	#59-5268	#60-5379
#61-5344	#62-5673	#63-5417	#64-5276	#65-5696	#66-5285	#67-5690	#68-5605	#69-5624	#70-5542
#71-5589	#72-5528	#73-5302	#74-5573	#75-5445	#76-5280	#77-5497	#78-5298	#79-5367	#80-5437
#81-5566	#82-5350	#83-5572	#84-5545	#85-5699	#86-5252	#87-5587	#88-5701	#89-5488	#90-5407
#91-5264	#92-5664	#93-5694	#94-5306	#95-5604	#96-5636	#97-5322	#98-5661	#99-5314	#100-5275

Type 6 #17 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5504	#02-5609	#03-5267	#04-5602	#05-5346	#06-5579	#07-5321	#08-5258	#09-5695	#10-5261
#11-5631	#12-5356	#13-5316	#14-5428	#15-5401	#16-5450	#17-5715	#18-5603	#19-5284	#20-5680
#21-5613	#22-5290	#23-5620	#24-5558	#25-5535	#26-5476	#27-5699	#28-5431	#29-5525	#30-5387
#31-5295	#32-5501	#33-5502	#34-5324	#35-5318	#36-5660	#37-5542	#38-5347	#39-5260	#40-5516
#41-5693	#42-5517	#43-5396	#44-5358	#45-5557	#46-5627	#47-5452	#48-5496	#49-5645	#50-5444
#51-5626	#52-5359	#53-5463	#54-5714	#55-5433	#56-5317	#57-5594	#58-5604	#59-5614	#60-5457
#61-5690	#62-5380	#63-5716	#64-5465	#65-5632	#66-5618	#67-5697	#68-5273	#69-5413	#70-5497
#71-5473	#72-5702	#73-5573	#74-5703	#75-5279	#76-5466	#77-5576	#78-5599	#79-5392	#80-5662
#81-5580	#82-5671	#83-5286	#84-5381	#85-5485	#86-5684	#87-5430	#88-5635	#89-5492	#90-5711
#91-5589	#92-5276	#93-5472	#94-5670	#95-5467	#96-5490	#97-5707	#98-5339	#99-5271	#100-5507

Type 6 #18 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5636	#02-5428	#03-5341	#04-5364	#05-5505	#06-5436	#07-5304	#08-5504	#09-5519	#10-5522
#11-5588	#12-5660	#13-5617	#14-5512	#15-5409	#16-5538	#17-5293	#18-5472	#19-5724	#20-5662
#21-5579	#22-5716	#23-5415	#24-5439	#25-5354	#26-5720	#27-5446	#28-5445	#29-5614	#30-5430
#31-5376	#32-5665	#33-5265	#34-5598	#35-5714	#36-5307	#37-5592	#38-5315	#39-5447	#40-5516
#41-5581	#42-5713	#43-5442	#44-5316	#45-5413	#46-5536	#47-5711	#48-5407	#49-5402	#50-5485
#51-5340	#52-5333	#53-5653	#54-5645	#55-5262	#56-5627	#57-5260	#58-5509	#59-5715	#60-5583
#61-5338	#62-5395	#63-5648	#64-5268	#65-5523	#66-5352	#67-5670	#68-5702	#69-5275	#70-5458
#71-5331	#72-5590	#73-5348	#74-5276	#75-5542	#76-5259	#77-5288	#78-5388	#79-5462	#80-5708
#81-5616	#82-5574	#83-5657	#84-5669	#85-5318	#86-5294	#87-5690	#88-5305	#89-5526	#90-5722
#91-5353	#92-5489	#93-5692	#94-5609	#95-5679	#96-5457	#97-5470	#98-5460	#99-5607	#100-5251

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Type 6 #19 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5312	#02-5371	#03-5638	#04-5600	#05-5442	#06-5500	#07-5676	#08-5445	#09-5402	#10-5355
#11-5504	#12-5323	#13-5713	#14-5454	#15-5308	#16-5705	#17-5646	#18-5337	#19-5656	#20-5334
#21-5492	#22-5419	#23-5428	#24-5511	#25-5651	#26-5291	#27-5404	#28-5433	#29-5254	#30-5487
#31-5406	#32-5692	#33-5655	#34-5607	#35-5671	#36-5380	#37-5339	#38-5587	#39-5412	#40-5575
#41-5527	#42-5670	#43-5723	#44-5390	#45-5415	#46-5627	#47-5619	#48-5405	#49-5621	#50-5476
#51-5548	#52-5372	#53-5675	#54-5642	#55-5545	#56-5677	#57-5460	#58-5516	#59-5458	#60-5521
#61-5262	#62-5397	#63-5592	#64-5348	#65-5307	#66-5441	#67-5507	#68-5653	#69-5616	#70-5650
#71-5331	#72-5532	#73-5546	#74-5421	#75-5287	#76-5346	#77-5273	#78-5724	#79-5537	#80-5503
#81-5663	#82-5283	#83-5267	#84-5263	#85-5311	#86-5719	#87-5644	#88-5250	#89-5321	#90-5679
#91-5303	#92-5514	#93-5523	#94-5292	#95-5309	#96-5570	#97-5427	#98-5622	#99-5693	#100-5585

Type 6 #20 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5489	#02-5447	#03-5593	#04-5360	#05-5724	#06-5505	#07-5422	#08-5717	#09-5492	#10-5310
#11-5522	#12-5449	#13-5619	#14-5654	#15-5314	#16-5338	#17-5294	#18-5380	#19-5512	#20-5258
#21-5615	#22-5712	#23-5695	#24-5278	#25-5267	#26-5272	#27-5291	#28-5719	#29-5286	#30-5428
#31-5694	#32-5352	#33-5568	#34-5642	#35-5424	#36-5561	#37-5399	#38-5627	#39-5311	#40-5464
#41-5472	#42-5257	#43-5554	#44-5618	#45-5506	#46-5315	#47-5628	#48-5451	#49-5703	#50-5696
#51-5525	#52-5297	#53-5359	#54-5685	#55-5502	#56-5476	#57-5564	#58-5343	#59-5701	#60-5427
#61-5681	#62-5313	#63-5341	#64-5420	#65-5606	#66-5702	#67-5479	#68-5478	#69-5663	#70-5391
#71-5318	#72-5298	#73-5510	#74-5608	#75-5407	#76-5327	#77-5497	#78-5677	#79-5369	#80-5565
#81-5266	#82-5647	#83-5672	#84-5646	#85-5334	#86-5559	#87-5534	#88-5250	#89-5301	#90-5491
#91-5526	#92-5336	#93-5433	#94-5651	#95-5475	#96-5283	#97-5383	#98-5345	#99-5398	#100-5317

Type 6 #21 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5391	#02-5582	#03-5624	#04-5411	#05-5616	#06-5410	#07-5418	#08-5427	#09-5722	#10-5279
#11-5558	#12-5393	#13-5353	#14-5709	#15-5298	#16-5466	#17-5556	#18-5641	#19-5526	#20-5493
#21-5442	#22-5593	#23-5515	#24-5281	#25-5494	#26-5668	#27-5656	#28-5434	#29-5585	#30-5551
#31-5660	#32-5491	#33-5476	#34-5351	#35-5607	#36-5330	#37-5357	#38-5633	#39-5436	#40-5622
#41-5388	#42-5331	#43-5654	#44-5719	#45-5263	#46-5682	#47-5504	#48-5428	#49-5597	#50-5631
#51-5390	#52-5280	#53-5620	#54-5584	#55-5640	#56-5475	#57-5496	#58-5538	#59-5256	#60-5458
#61-5587	#62-5438	#63-5482	#64-5671	#65-5583	#66-5396	#67-5560	#68-5502	#69-5306	#70-5545
#71-5455	#72-5352	#73-5692	#74-5674	#75-5643	#76-5373	#77-5312	#78-5495	#79-5335	#80-5320
#81-5712	#82-5550	#83-5415	#84-5386	#85-5453	#86-5381	#87-5598	#88-5316	#89-5338	#90-5486
#91-5349	#92-5592	#93-5429	#94-5379	#95-5566	#96-5570	#97-5549	#98-5481	#99-5672	#100-5525

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5578	#02-5312	#03-5337	#04-5608	#05-5395	#06-5252	#07-5667	#08-5397	#09-5601	#10-5596
#11-5570	#12-5535	#13-5366	#14-5409	#15-5342	#16-5324	#17-5561	#18-5285	#19-5604	#20-5438
#21-5576	#22-5377	#23-5698	#24-5505	#25-5455	#26-5654	#27-5490	#28-5495	#29-5526	#30-5319
#31-5467	#32-5332	#33-5532	#34-5560	#35-5365	#36-5497	#37-5452	#38-5314	#39-5339	#40-5439
#41-5477	#42-5512	#43-5447	#44-5618	#45-5262	#46-5406	#47-5478	#48-5475	#49-5599	#50-5445
#51-5318	#52-5336	#53-5251	#54-5659	#55-5364	#56-5353	#57-5511	#58-5522	#59-5631	#60-5355
#61-5320	#62-5501	#63-5653	#64-5453	#65-5558	#66-5573	#67-5701	#68-5551	#69-5358	#70-5696
#71-5458	#72-5349	#73-5386	#74-5624	#75-5435	#76-5308	#77-5714	#78-5442	#79-5270	#80-5651
#81-5598	#82-5399	#83-5720	#84-5530	#85-5625	#86-5250	#87-5394	#88-5665	#89-5517	#90-5382
#91-5432	#92-5334	#93-5407	#94-5260	#95-5518	#96-5415	#97-5428	#98-5649	#99-5491	#100-5474

Type 6 #23 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5584	#02-5712	#03-5589	#04-5285	#05-5653	#06-5294	#07-5522	#08-5329	#09-5489	#10-5619
#11-5335	#12-5393	#13-5627	#14-5503	#15-5458	#16-5277	#17-5673	#18-5701	#19-5406	#20-5417
#21-5429	#22-5326	#23-5641	#24-5302	#25-5467	#26-5425	#27-5514	#28-5548	#29-5264	#30-5664
#31-5486	#32-5345	#33-5410	#34-5374	#35-5540	#36-5257	#37-5665	#38-5590	#39-5321	#40-5349
#41-5437	#42-5618	#43-5538	#44-5724	#45-5263	#46-5357	#47-5682	#48-5400	#49-5610	#50-5524
#51-5492	#52-5323	#53-5507	#54-5320	#55-5537	#56-5542	#57-5478	#58-5505	#59-5698	#60-5315
#61-5550	#62-5383	#63-5714	#64-5708	#65-5688	#66-5450	#67-5337	#68-5332	#69-5630	#70-5306
#71-5274	#72-5716	#73-5433	#74-5353	#75-5453	#76-5317	#77-5499	#78-5591	#79-5588	#80-5304
#81-5686	#82-5577	#83-5336	#84-5282	#85-5662	#86-5377	#87-5297	#88-5567	#89-5569	#90-5419
#91-5372	#92-5405	#93-5260	#94-5280	#95-5579	#96-5301	#97-5481	#98-5313	#99-5527	#100-5435

Type 6 #24 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5299	#02-5303	#03-5324	#04-5692	#05-5485	#06-5339	#07-5411	#08-5255	#09-5357	#10-5452
#11-5495	#12-5421	#13-5386	#14-5621	#15-5423	#16-5656	#17-5513	#18-5684	#19-5285	#20-5312
#21-5462	#22-5579	#23-5593	#24-5365	#25-5673	#26-5292	#27-5463	#28-5448	#29-5359	#30-5524
#31-5502	#32-5316	#33-5391	#34-5287	#35-5276	#36-5682	#37-5695	#38-5617	#39-5683	#40-5406
#41-5564	#42-5645	#43-5547	#44-5708	#45-5598	#46-5383	#47-5405	#48-5369	#49-5693	#50-5354
#51-5492	#52-5557	#53-5698	#54-5444	#55-5434	#56-5269	#57-5443	#58-5640	#59-5672	#60-5531
#61-5722	#62-5652	#63-5717	#64-5355	#65-5719	#66-5583	#67-5396	#68-5543	#69-5326	#70-5630
#71-5623	#72-5517	#73-5542	#74-5689	#75-5418	#76-5289	#77-5307	#78-5329	#79-5390	#80-5419
#81-5260	#82-5484	#83-5568	#84-5567	#85-5675	#86-5424	#87-5293	#88-5459	#89-5282	#90-5315
#91-5554	#92-5603	#93-5259	#94-5395	#95-5400	#96-5288	#97-5415	#98-5651	#99-5325	#100-5486

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5392	#02-5304	#03-5274	#04-5600	#05-5615	#06-5452	#07-5581	#08-5483	#09-5707	#10-5595
#11-5551	#12-5265	#13-5553	#14-5701	#15-5592	#16-5616	#17-5283	#18-5421	#19-5590	#20-5680
#21-5712	#22-5336	#23-5540	#24-5490	#25-5298	#26-5658	#27-5715	#28-5381	#29-5569	#30-5557
#31-5342	#32-5640	#33-5331	#34-5579	#35-5621	#36-5400	#37-5417	#38-5568	#39-5555	#40-5458
#41-5484	#42-5572	#43-5257	#44-5301	#45-5508	#46-5430	#47-5419	#48-5533	#49-5396	#50-5382
#51-5480	#52-5460	#53-5450	#54-5531	#55-5404	#56-5693	#57-5360	#58-5567	#59-5519	#60-5591
#61-5352	#62-5388	#63-5288	#64-5459	#65-5350	#66-5472	#67-5371	#68-5695	#69-5466	#70-5577
#71-5284	#72-5718	#73-5445	#74-5390	#75-5328	#76-5489	#77-5706	#78-5488	#79-5431	#80-5709
#81-5437	#82-5327	#83-5607	#84-5440	#85-5525	#86-5425	#87-5653	#88-5666	#89-5307	#90-5251
#91-5286	#92-5433	#93-5694	#94-5408	#95-5683	#96-5297	#97-5562	#98-5655	#99-5516	#100-5627

Type 6 #26 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5425	#02-5456	#03-5335	#04-5264	#05-5614	#06-5694	#07-5379	#08-5699	#09-5280	#10-5409
#11-5367	#12-5676	#13-5685	#14-5577	#15-5635	#16-5672	#17-5671	#18-5292	#19-5524	#20-5533
#21-5575	#22-5723	#23-5376	#24-5313	#25-5681	#26-5358	#27-5646	#28-5547	#29-5634	#30-5441
#31-5594	#32-5304	#33-5645	#34-5424	#35-5431	#36-5708	#37-5439	#38-5410	#39-5289	#40-5697
#41-5653	#42-5276	#43-5256	#44-5432	#45-5482	#46-5258	#47-5715	#48-5498	#49-5260	#50-5351
#51-5520	#52-5380	#53-5302	#54-5426	#55-5329	#56-5271	#57-5307	#58-5505	#59-5297	#60-5556
#61-5315	#62-5563	#63-5540	#64-5511	#65-5395	#66-5651	#67-5510	#68-5252	#69-5551	#70-5605
#71-5549	#72-5717	#73-5669	#74-5299	#75-5449	#76-5350	#77-5656	#78-5298	#79-5623	#80-5339
#81-5323	#82-5649	#83-5662	#84-5372	#85-5255	#86-5628	#87-5418	#88-5353	#89-5508	#90-5346
#91-5686	#92-5417	#93-5616	#94-5451	#95-5471	#96-5569	#97-5571	#98-5503	#99-5565	#100-5517

Type 6 #27 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5553	#02-5352	#03-5477	#04-5433	#05-5384	#06-5697	#07-5583	#08-5405	#09-5365	#10-5507
#11-5416	#12-5474	#13-5467	#14-5388	#15-5343	#16-5389	#17-5272	#18-5313	#19-5407	#20-5469
#21-5627	#22-5509	#23-5587	#24-5550	#25-5303	#26-5348	#27-5722	#28-5603	#29-5337	#30-5452
#31-5369	#32-5498	#33-5530	#34-5345	#35-5559	#36-5619	#37-5546	#38-5493	#39-5446	#40-5495
#41-5353	#42-5534	#43-5563	#44-5519	#45-5667	#46-5399	#47-5537	#48-5358	#49-5331	#50-5430
#51-5548	#52-5439	#53-5408	#54-5298	#55-5651	#56-5568	#57-5615	#58-5608	#59-5599	#60-5585
#61-5527	#62-5278	#63-5305	#64-5296	#65-5700	#66-5661	#67-5293	#68-5508	#69-5504	#70-5592
#71-5637	#72-5366	#73-5342	#74-5670	#75-5318	#76-5607	#77-5628	#78-5535	#79-5613	#80-5521
#81-5631	#82-5655	#83-5340	#84-5482	#85-5418	#86-5716	#87-5254	#88-5663	#89-5412	#90-5572
#91-5634	#92-5551	#93-5505	#94-5472	#95-5692	#96-5462	#97-5575	#98-5561	#99-5294	#100-5496

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5558	#03-5623	#04-5546	#05-5250	#06-5427	#07-5313	#08-5696	#09-5255	#10-5371
#11-5402	#12-5366	#13-5609	#14-5429	#15-5599	#16-5517	#17-5491	#18-5629	#19-5342	#20-5270
#21-5252	#22-5540	#23-5562	#24-5412	#25-5570	#26-5640	#27-5416	#28-5291	#29-5288	#30-5685
#31-5294	#32-5583	#33-5332	#34-5569	#35-5550	#36-5584	#37-5432	#38-5663	#39-5709	#40-5508
#41-5662	#42-5545	#43-5383	#44-5355	#45-5283	#46-5619	#47-5307	#48-5319	#49-5682	#50-5677
#51-5552	#52-5493	#53-5721	#54-5460	#55-5701	#56-5334	#57-5261	#58-5271	#59-5658	#60-5295
#61-5327	#62-5543	#63-5284	#64-5290	#65-5603	#66-5264	#67-5424	#68-5309	#69-5690	#70-5357
#71-5486	#72-5315	#73-5720	#74-5428	#75-5306	#76-5464	#77-5382	#78-5397	#79-5706	#80-5615
#81-5336	#82-5630	#83-5505	#84-5325	#85-5434	#86-5588	#87-5607	#88-5455	#89-5578	#90-5698
#91-5487	#92-5254	#93-5499	#94-5536	#95-5321	#96-5405	#97-5604	#98-5260	#99-5716	#100-5542

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5403	#02-5486	#03-5501	#04-5603	#05-5599	#06-5676	#07-5405	#08-5715	#09-5637	#10-5503
#11-5689	#12-5418	#13-5401	#14-5542	#15-5578	#16-5362	#17-5384	#18-5724	#19-5310	#20-5470
#21-5372	#22-5494	#23-5392	#24-5516	#25-5702	#26-5518	#27-5348	#28-5605	#29-5344	#30-5439
#31-5622	#32-5313	#33-5295	#34-5453	#35-5693	#36-5327	#37-5612	#38-5302	#39-5316	#40-5624
#41-5543	#42-5326	#43-5711	#44-5452	#45-5315	#46-5406	#47-5604	#48-5435	#49-5367	#50-5626
#51-5420	#52-5633	#53-5710	#54-5330	#55-5525	#56-5620	#57-5577	#58-5314	#59-5317	#60-5355
#61-5339	#62-5610	#63-5284	#64-5290	#65-5361	#66-5258	#67-5375	#68-5305	#69-5595	#70-5574
#71-5716	#72-5283	#73-5448	#74-5465	#75-5600	#76-5504	#77-5412	#78-5544	#79-5341	#80-5443
#81-5532	#82-5449	#83-5297	#84-5479	#85-5259	#86-5347	#87-5700	#88-5521	#89-5570	#90-5395
#91-5680	#92-5359	#93-5500	#94-5364	#95-5288	#96-5495	#97-5520	#98-5635	#99-5265	#100-5701

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5666	#02-5538	#03-5668	#04-5480	#05-5519	#06-5260	#07-5667	#08-5572	#09-5554	#10-5533
#11-5555	#12-5610	#13-5548	#14-5345	#15-5430	#16-5360	#17-5693	#18-5307	#19-5651	#20-5619
#21-5454	#22-5417	#23-5394	#24-5636	#25-5485	#26-5506	#27-5354	#28-5545	#29-5532	#30-5516
#31-5629	#32-5468	#33-5265	#34-5320	#35-5537	#36-5445	#37-5661	#38-5591	#39-5510	#40-5627
#41-5376	#42-5550	#43-5669	#44-5479	#45-5464	#46-5399	#47-5340	#48-5524	#49-5297	#50-5487
#51-5497	#52-5499	#53-5393	#54-5282	#55-5720	#56-5263	#57-5631	#58-5371	#59-5289	#60-5287
#61-5337	#62-5594	#63-5478	#64-5709	#65-5424	#66-5351	#67-5601	#68-5391	#69-5717	#70-5630
#71-5291	#72-5568	#73-5691	#74-5255	#75-5292	#76-5679	#77-5455	#78-5258	#79-5469	#80-5318
#81-5547	#82-5288	#83-5302	#84-5595	#85-5604	#86-5505	#87-5509	#88-5338	#89-5646	#90-5582
#91-5710	#92-5592	#93-5356	#94-5350	#95-5670	#96-5517	#97-5458	#98-5549	#99-5315	#100-5715

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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	7	363515	67	1359	1484	433441	800000
2	1	7	566539	56	0	0	233405	800000
3	2	7	199288	54	1463	0	599141	800000
4	1	7	503217	78	0	0	296705	800000
5	2	7	173547	90	1249	0	625024	800000
6	3	7	703725	77	1782	958	93304	800000
7	3	7	610050	86	1550	950	187192	800000
8	1	7	373082	75	0	0	426843	800000
9	2	7	329234	88	1433	0	469157	800000
10	2	7	617715	73	1193	0	180946	800000
11	2	7	633029	53	1117	0	165748	800000
12	3	7	225828	50	1432	960	571630	800000
13	1	7	726732	55	0	0	73213	800000
14	3	7	12807	56	1424	1428	784173	800000
15	1	7	186	53	0	0	799761	800000

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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	112446	91	1279	0	1386093	1500000
2	1	17	562034	80	0	0	937886	1500000
3	3	17	1125255	60	1784	1165	371616	1500000
4	1	17	274809	51	0	0	1225140	1500000
5	1	17	918854	83	0	0	581063	1500000
6	3	17	1133396	72	1585	1710	363093	1500000
7	2	17	1111174	50	1120	0	387606	1500000
8	1	17	168513	59	0	0	1331428	1500000

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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	267857	84	0	0	332059	600000
2	1	18	503243	77	0	0	96680	600000
3	1	18	14733	87	0	0	585180	600000
4	3	18	122645	99	1302	1889	473867	600000
5	1	18	227588	97	0	0	372315	600000
6	3	18	367182	75	1643	1776	229174	600000
7	1	18	16524	50	0	0	583426	600000
8	3	18	94963	56	1440	1758	501671	600000
9	2	18	240578	57	1887	0	357421	600000
10	1	18	9718	50	0	0	590232	600000
11	2	18	592509	67	1163	0	6194	600000
12	1	18	520564	59	0	0	79377	600000
13	3	18	434444	66	1398	1615	162345	600000
14	3	18	512932	62	1660	1052	84170	600000
15	1	18	496953	66	0	0	102981	600000
16	3	18	454919	100	1249	1878	141654	600000
17	2	18	159486	74	1401	0	438965	600000
18	3	18	293016	89	1829	1634	303254	600000
19	1	18	375584	81	0	0	224335	600000
20	3	18	521451	73	1134	1083	76113	600000

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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	10	25882	58	0	0	1064969	1090909
2	3	10	319976	70	1054	1292	768377	1090909
3	3	10	223401	55	1001	1707	864635	1090909
4	2	10	875804	99	1510	0	213397	1090909
5	2	10	116132	68	1634	0	973007	1090909
6	1	10	493060	91	0	0	597758	1090909
7	1	10	230388	91	0	0	860430	1090909
8	1	10	264824	77	0	0	826008	1090909
9	1	10	865384	69	0	0	225456	1090909
10	2	10	702637	60	1455	0	386697	1090909
11	2	10	252684	60	1852	0	836253	1090909

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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	7	592098	74	0	0	157828	750000
2	2	7	305971	66	1133	0	442764	750000
3	2	7	164267	96	973	0	584568	750000
4	2	7	163771	96	966	0	585071	750000
5	3	7	127299	54	956	976	620607	750000
6	3	7	195458	59	1574	1542	551249	750000
7	2	7	545990	96	1531	0	202287	750000
8	1	7	690373	88	0	0	59539	750000
9	2	7	337154	59	1130	0	411598	750000
10	1	7	15366	55	0	0	734579	750000
11	3	7	444321	100	1593	1165	302621	750000
12	1	7	464456	74	0	0	285470	750000
13	2	7	604192	56	1511	0	144185	750000
14	2	7	443344	68	1868	0	304652	750000
15	3	7	452331	84	1193	1214	295010	750000
16	3	7	514555	66	1515	1059	232673	750000

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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	11	534785	99	966	0	95629	631578
2	2	11	204292	77	1182	0	425950	631578
3	1	11	111431	61	0	0	520086	631578
4	2	11	506125	56	1024	0	124317	631578
5	1	11	624669	85	0	0	6824	631578
6	2	11	427662	96	1564	0	202160	631578
7	3	11	153010	83	1411	1789	475119	631578
8	3	11	375906	80	1197	1441	252794	631578
9	2	11	206575	99	1255	0	423550	631578
10	1	11	193228	76	0	0	438274	631578
11	1	11	203444	99	0	0	428035	631578
12	2	11	56476	59	1918	0	573066	631578
13	1	11	543113	73	0	0	88392	631578
14	3	11	340500	81	1560	1272	288003	631578
15	2	11	352485	50	1520	0	277473	631578
16	1	11	309203	89	0	0	322286	631578
17	2	11	145572	60	1822	0	484064	631578
18	2	11	108424	76	1743	0	521259	631578
19	2	11	65340	52	1574	0	564560	631578

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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	9	54079	81	0	0	1279173	1333333
2	1	9	932144	67	0	0	401122	1333333
3	3	9	1251272	100	1137	1304	79320	1333333
4	1	9	1101070	87	0	0	232176	1333333
5	2	9	1003155	95	1477	0	328511	1333333
6	2	9	624549	71	1115	0	707527	1333333
7	3	9	584745	74	1309	1765	745292	1333333
8	2	9	616882	80	1611	0	714680	1333333
9	1	9	1214198	75	0	0	119060	1333333

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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	14	958475	63	0	0	132371	1090909
2	1	14	657345	81	0	0	433483	1090909
3	1	14	540075	60	0	0	550774	1090909
4	3	14	237247	52	1039	1110	851357	1090909
5	3	14	1049349	74	1841	1325	38172	1090909
6	2	14	394873	76	1692	0	694192	1090909
7	1	14	721621	69	0	0	369219	1090909
8	2	14	334914	70	1595	0	754260	1090909
9	2	14	107168	69	1332	0	982271	1090909
10	2	14	207523	80	1652	0	881574	1090909
11	1	14	318124	68	0	0	772717	1090909

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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	6	261014	62	1813	0	594191	857142
2	2	6	205284	76	1753	0	649953	857142
3	1	6	714410	92	0	0	142640	857142
4	2	6	731839	82	1344	0	123795	857142
5	3	6	658347	66	1525	1751	195321	857142
6	2	6	596779	73	1236	0	258981	857142
7	3	6	235625	97	1550	1137	618539	857142
8	1	6	751670	63	0	0	105409	857142
9	3	6	684402	63	1098	1806	169647	857142
10	3	6	807270	58	1495	1538	46665	857142
11	1	6	714769	74	0	0	142299	857142
12	2	6	837551	67	1863	0	17594	857142
13	3	6	627581	91	1158	1207	226923	857142
14	1	6	331535	80	0	0	525527	857142

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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	19	70587	99	0	0	1129314	1200000
2	2	19	629675	71	1899	0	568284	1200000
3	1	19	121281	70	0	0	1078649	1200000
4	1	19	603193	83	0	0	596724	1200000
5	2	19	515967	81	1088	0	682783	1200000
6	3	19	682763	57	1873	1855	513338	1200000
7	1	19	388683	88	0	0	811229	1200000
8	1	19	347576	70	0	0	852354	1200000
9	2	19	475307	54	1168	0	723417	1200000
10	1	19	396160	70	0	0	803770	1200000

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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	194863	60	0	0	1305077	1500000
2	2	16	47479	60	1420	0	1450981	1500000
3	2	16	901349	54	1551	0	596992	1500000
4	2	16	1083134	69	1699	0	415029	1500000
5	1	16	250280	80	0	0	1249640	1500000
6	2	16	602567	51	1047	0	896284	1500000
7	2	16	1228750	51	1154	0	269994	1500000
8	2	16	1403610	95	1842	0	94358	1500000

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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	290086	94	1269	0	908457	1200000
2	1	12	841128	90	0	0	358782	1200000
3	3	12	298426	51	1585	1918	897918	1200000
4	2	12	112441	66	1194	0	1086233	1200000
5	1	12	1163475	55	0	0	36470	1200000
6	3	12	840599	81	1869	1122	356167	1200000
7	3	12	237495	72	1526	1285	959478	1200000
8	3	12	1122471	67	1098	1170	75060	1200000
9	2	12	467850	85	1721	0	730259	1200000
10	1	12	689360	79	0	0	510561	1200000

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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	14	534938	93	1172	1750	211861	750000
2	2	14	207238	82	1768	0	540830	750000
3	3	14	457579	95	1169	943	290024	750000
4	1	14	84215	78	0	0	665707	750000
5	1	14	527475	93	0	0	222432	750000
6	2	14	477920	74	1145	0	270787	750000
7	2	14	572188	63	1075	0	176611	750000
8	1	14	266776	80	0	0	483144	750000
9	1	14	623272	99	0	0	126629	750000
10	2	14	681749	83	1719	0	66366	750000
11	2	14	284842	67	1452	0	463572	750000
12	2	14	570644	78	1909	0	177291	750000
13	2	14	309404	75	1104	0	439342	750000
14	3	14	608410	74	1797	1683	137888	750000
15	1	14	521423	72	0	0	228505	750000
16	2	14	351763	50	1214	0	396923	750000

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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	517842	77	0	0	282081	800000
2	3	18	461887	50	1834	1485	334644	800000
3	1	18	423112	56	0	0	376832	800000
4	3	18	730079	98	1782	1037	66808	800000
5	2	18	319656	76	1020	0	479172	800000
6	3	18	589064	55	955	1530	208286	800000
7	1	18	205846	76	0	0	594078	800000
8	3	18	487025	84	1463	1598	309662	800000
9	1	18	505539	67	0	0	294394	800000
10	1	18	671898	80	0	0	128022	800000
11	2	18	442284	60	1068	0	356528	800000
12	3	18	758281	89	1383	1158	38911	800000
13	3	18	689899	51	1900	1790	106258	800000
14	2	18	224140	83	1813	0	573881	800000
15	1	18	243862	66	0	0	556072	800000

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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	338452	94	0	0	518596	857142
2	1	8	506115	55	0	0	350972	857142
3	2	8	224474	90	1873	0	630615	857142
4	2	8	509509	73	1211	0	346276	857142
5	3	8	653949	79	1306	1257	200393	857142
6	2	8	118761	98	1847	0	736338	857142
7	3	8	499663	81	1168	1326	354742	857142
8	2	8	682622	50	1585	0	172835	857142
9	1	8	36817	64	0	0	820261	857142
10	3	8	70661	83	1709	1347	783176	857142
11	3	8	689751	87	1642	1176	164312	857142
12	2	8	335058	85	1282	0	520632	857142
13	1	8	162980	73	0	0	694089	857142
14	2	8	717448	86	1810	0	137712	857142

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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	20	1164982	98	1426	0	33396	1200000
2	3	20	1111472	64	1664	1499	85173	1200000
3	2	20	1190087	52	1819	0	7990	1200000
4	2	20	370313	57	1036	0	828537	1200000
5	3	20	182077	63	949	1769	1015016	1200000
6	3	20	706910	58	1474	1839	489603	1200000
7	3	20	349027	77	1631	1127	847984	1200000
8	1	20	337646	62	0	0	862292	1200000
9	3	20	382425	73	1322	1384	814650	1200000
10	2	20	893411	59	1059	0	305412	1200000

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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	16	88629	85	1427	0	541352	631578
2	2	16	19915	72	1713	0	609806	631578
3	1	16	265475	97	0	0	366006	631578
4	1	16	538157	64	0	0	93357	631578
5	3	16	593051	93	1468	1371	35409	631578
6	2	16	406539	72	1461	0	223434	631578
7	3	16	602459	91	1755	919	26172	631578
8	1	16	95295	57	0	0	536226	631578
9	2	16	486263	90	1406	0	143729	631578
10	2	16	142088	80	956	0	488374	631578
11	1	16	215376	94	0	0	416108	631578
12	3	16	15360	59	1169	1565	613307	631578
13	3	16	132973	98	1178	938	496195	631578
14	1	16	291786	54	0	0	339738	631578
15	1	16	442869	57	0	0	188652	631578
16	2	16	436699	52	1013	0	193762	631578
17	2	16	193962	95	1563	0	435863	631578
18	2	16	601196	94	1343	0	28851	631578
19	3	16	280327	97	1419	1571	347970	631578

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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	519846	71	1490	1104	477347	1000000
2	1	9	88026	79	0	0	911895	1000000
3	1	9	837247	58	0	0	162695	1000000
4	1	9	110511	99	0	0	889390	1000000
5	1	9	598694	75	0	0	401231	1000000
6	3	9	326443	58	1760	1066	670557	1000000
7	2	9	254591	57	1898	0	743397	1000000
8	1	9	604630	58	0	0	395312	1000000
9	1	9	126378	67	0	0	873555	1000000
10	1	9	613610	54	0	0	386336	1000000
11	3	9	319060	76	1573	1892	677247	1000000
12	2	9	294035	77	1005	0	704806	1000000

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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	5	317444	65	0	0	482491	800000
2	3	5	719667	52	1406	1249	77522	800000
3	3	5	615933	84	1274	1319	181222	800000
4	3	5	440270	69	1437	1473	356613	800000
5	2	5	450415	64	1614	0	347843	800000
6	3	5	690370	61	1248	1905	106294	800000
7	1	5	783619	65	0	0	16316	800000
8	3	5	248873	69	963	1797	548160	800000
9	3	5	730988	84	982	1525	66253	800000
10	2	5	629194	88	1775	0	168855	800000
11	1	5	55233	87	0	0	744680	800000
12	2	5	185930	53	1173	0	612791	800000
13	3	5	38116	80	1730	1456	758458	800000
14	2	5	142670	90	1909	0	655241	800000
15	2	5	496642	84	1462	0	301728	800000

Type 5 #19 5564.00 [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	6	528582	98	1495	0	269727	800000
2	3	6	764206	55	985	1514	33130	800000
3	3	6	503964	79	1482	1727	292590	800000
4	2	6	423407	65	1566	0	374897	800000
5	2	6	457879	67	1895	0	340092	800000
6	3	6	356294	66	1435	1251	440822	800000
7	3	6	171951	73	1236	1568	625026	800000
8	3	6	496531	90	1406	1389	300404	800000
9	3	6	34926	61	1557	1608	761726	800000
10	3	6	313963	62	1875	1019	482957	800000
11	2	6	334274	88	1075	0	464475	800000
12	3	6	604119	86	1556	1378	192689	800000
13	3	6	359162	51	1942	1167	437576	800000
14	3	6	762850	95	987	1618	34260	800000
15	3	6	554358	94	1552	1191	242617	800000

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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	16	968886	95	1034	0	363223	1333333
2	3	16	1044279	76	1298	1892	285636	1333333
3	2	16	1134962	100	1362	0	196809	1333333
4	2	16	1050130	58	1529	0	281558	1333333
5	3	16	1058594	51	1261	1819	271506	1333333
6	3	16	494716	64	1053	1361	836011	1333333
7	2	16	1209136	94	1369	0	122640	1333333
8	3	16	1238507	55	1703	1550	91408	1333333
9	1	16	717409	84	0	0	615840	1333333

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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	6	255403	74	0	0	835432	1090909
2	1	6	926246	64	0	0	164599	1090909
3	1	6	99916	91	0	0	990902	1090909
4	2	6	392159	70	1781	0	696829	1090909
5	1	6	643082	71	0	0	447756	1090909
6	2	6	961940	84	1863	0	126938	1090909
7	1	6	870092	63	0	0	220754	1090909
8	2	6	280613	57	1623	0	808559	1090909
9	3	6	153505	82	1181	1192	934785	1090909
10	1	6	993929	56	0	0	96924	1090909
11	1	6	635805	57	0	0	455047	1090909

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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	5	847617	82	1904	1608	481958	1333333
2	3	5	612162	53	1172	1205	718635	1333333
3	3	5	1163975	77	1642	1757	165728	1333333
4	1	5	225509	58	0	0	1107766	1333333
5	3	5	774222	57	1510	1202	556228	1333333
6	2	5	909361	97	1584	0	422194	1333333
7	1	5	1101200	96	0	0	232037	1333333
8	1	5	66443	100	0	0	1266790	1333333
9	2	5	907317	96	920	0	424904	1333333

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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	8	297782	96	1083	0	791852	1090909
2	1	8	785313	71	0	0	305525	1090909
3	3	8	253657	58	1065	1320	834693	1090909
4	2	8	846429	68	1510	0	242834	1090909
5	3	8	963183	81	1812	1481	124190	1090909
6	2	8	804079	55	1210	0	285510	1090909
7	1	8	724693	87	0	0	366129	1090909
8	3	8	280233	65	1396	1417	807668	1090909
9	1	8	715876	59	0	0	374974	1090909
10	3	8	597323	94	1723	1901	489680	1090909
11	2	8	1054680	72	1489	0	34596	1090909

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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	9	471892	81	0	0	233909	705882
2	1	9	81881	62	0	0	623939	705882
3	1	9	503883	93	0	0	201906	705882
4	2	9	67770	64	964	0	637020	705882
5	2	9	166842	78	930	0	537954	705882
6	3	9	503349	51	1240	1588	199552	705882
7	1	9	512434	85	0	0	193363	705882
8	3	9	572051	96	1040	978	131525	705882
9	3	9	598994	96	944	1518	104138	705882
10	1	9	505444	76	0	0	200362	705882
11	3	9	372472	76	1308	1917	329957	705882
12	3	9	18816	53	1314	1327	684266	705882
13	2	9	13351	87	1267	0	691090	705882
14	1	9	196147	50	0	0	509685	705882
15	2	9	464094	98	1482	0	240110	705882
16	3	9	534643	99	914	1892	168136	705882
17	1	9	472705	97	0	0	233080	705882

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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	11	936978	87	1094	0	61754	1000000
2	2	11	306266	86	1828	0	691734	1000000
3	3	11	508166	55	1778	1864	488027	1000000
4	2	11	58962	72	1493	0	939401	1000000
5	3	11	736538	67	1705	1372	260184	1000000
6	2	11	969898	81	1599	0	28341	1000000
7	1	11	377258	50	0	0	622692	1000000
8	3	11	847910	73	1006	1175	149690	1000000
9	2	11	362705	67	1787	0	635374	1000000
10	1	11	430551	53	0	0	569396	1000000
11	2	11	635663	64	1223	0	362986	1000000
12	2	11	644387	67	1432	0	354047	1000000

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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	251663	97	927	1761	745358	1000000
2	1	15	145675	77	0	0	854248	1000000
3	1	15	209095	70	0	0	790835	1000000
4	1	15	917875	100	0	0	82025	1000000
5	1	15	368484	78	0	0	631438	1000000
6	2	15	718887	59	1093	0	279902	1000000
7	3	15	432357	99	953	1742	564651	1000000
8	3	15	992165	51	1674	1632	4376	1000000
9	1	15	592442	97	0	0	407461	1000000
10	1	15	787686	69	0	0	212245	1000000
11	1	15	220021	75	0	0	779904	1000000
12	2	15	444984	71	953	0	553921	1000000

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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	11	314034	67	1466	0	684366	1000000
2	2	11	972120	57	1200	0	26566	1000000
3	2	11	435682	58	1198	0	563004	1000000
4	3	11	271564	99	1675	1677	724787	1000000
5	3	11	557436	91	1550	1352	439389	1000000
6	1	11	346853	78	0	0	653069	1000000
7	3	11	289168	80	1213	1269	708110	1000000
8	2	11	191205	81	1366	0	807267	1000000
9	1	11	905202	95	0	0	94703	1000000
10	1	11	569832	58	0	0	430110	1000000
11	2	11	94977	73	1597	0	903280	1000000
12	2	11	869828	76	1816	0	128204	1000000

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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	6	872107	77	1550	1427	624685	1500000
2	1	6	948540	99	0	0	551361	1500000
3	2	6	121479	51	1278	0	1377141	1500000
4	3	6	594641	96	1640	1246	902185	1500000
5	2	6	963570	100	1794	0	534436	1500000
6	3	6	1027861	64	1770	1885	468292	1500000
7	3	6	409444	99	1559	1190	1087510	1500000
8	3	6	1403419	66	1133	1631	93619	1500000

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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	19	1409644	72	942	0	89270	1500000
2	2	19	909945	68	1461	0	588458	1500000
3	2	19	1289621	77	1656	0	208569	1500000
4	2	19	1024703	88	1165	0	473956	1500000
5	3	19	587504	64	1671	1359	909274	1500000
6	2	19	296904	54	1211	0	1201777	1500000
7	3	19	869166	52	1412	1147	628119	1500000
8	1	19	873032	87	0	0	626881	1500000

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Type 6 #1 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5502	#02-5349	#03-5418	#04-5369	#05-5304	#06-5444	#07-5506	#08-5261	#09-5563	#10-5407
#11-5681	#12-5460	#13-5370	#14-5426	#15-5318	#16-5534	#17-5537	#18-5530	#19-5510	#20-5703
#21-5381	#22-5602	#23-5375	#24-5482	#25-5720	#26-5377	#27-5564	#28-5288	#29-5478	#30-5515
#31-5258	#32-5298	#33-5329	#34-5285	#35-5479	#36-5396	#37-5716	#38-5299	#39-5280	#40-5607
#41-5693	#42-5387	#43-5424	#44-5629	#45-5495	#46-5401	#47-5712	#48-5569	#49-5337	#50-5383
#51-5394	#52-5625	#53-5699	#54-5591	#55-5546	#56-5449	#57-5379	#58-5422	#59-5525	#60-5653
#61-5415	#62-5452	#63-5322	#64-5346	#65-5283	#66-5302	#67-5308	#68-5384	#69-5518	#70-5654
#71-5351	#72-5406	#73-5306	#74-5327	#75-5578	#76-5474	#77-5700	#78-5279	#79-5300	#80-5633
#81-5428	#82-5599	#83-5628	#84-5429	#85-5311	#86-5507	#87-5613	#88-5574	#89-5517	#90-5644
#91-5582	#92-5331	#93-5289	#94-5697	#95-5557	#96-5399	#97-5368	#98-5481	#99-5435	#100-5543

Type 6 #2 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5454	#02-5293	#03-5630	#04-5542	#05-5642	#06-5513	#07-5693	#08-5700	#09-5403	#10-5392
#11-5474	#12-5270	#13-5711	#14-5578	#15-5418	#16-5696	#17-5519	#18-5419	#19-5535	#20-5251
#21-5259	#22-5493	#23-5638	#24-5366	#25-5334	#26-5355	#27-5271	#28-5324	#29-5582	#30-5522
#31-5370	#32-5448	#33-5610	#34-5394	#35-5585	#36-5524	#37-5589	#38-5349	#39-5606	#40-5541
#41-5490	#42-5440	#43-5269	#44-5710	#45-5368	#46-5388	#47-5482	#48-5396	#49-5686	#50-5485
#51-5624	#52-5445	#53-5525	#54-5717	#55-5426	#56-5558	#57-5407	#58-5672	#59-5625	#60-5546
#61-5595	#62-5353	#63-5351	#64-5433	#65-5367	#66-5453	#67-5655	#68-5319	#69-5654	#70-5434
#71-5303	#72-5305	#73-5347	#74-5348	#75-5607	#76-5567	#77-5435	#78-5560	#79-5548	#80-5318
#81-5674	#82-5310	#83-5532	#84-5317	#85-5281	#86-5667	#87-5658	#88-5641	#89-5669	#90-5570
#91-5478	#92-5609	#93-5660	#94-5555	#95-5364	#96-5668	#97-5415	#98-5695	#99-5357	#100-5676

Type 6 #3 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5471	#02-5661	#03-5328	#04-5459	#05-5420	#06-5314	#07-5308	#08-5360	#09-5284	#10-5468
#11-5722	#12-5283	#13-5484	#14-5497	#15-5560	#16-5386	#17-5623	#18-5377	#19-5720	#20-5518
#21-5549	#22-5458	#23-5552	#24-5464	#25-5301	#26-5452	#27-5492	#28-5529	#29-5444	#30-5577
#31-5685	#32-5563	#33-5596	#34-5713	#35-5546	#36-5496	#37-5593	#38-5582	#39-5558	#40-5535
#41-5259	#42-5450	#43-5576	#44-5426	#45-5307	#46-5532	#47-5383	#48-5288	#49-5700	#50-5263
#51-5358	#52-5430	#53-5368	#54-5580	#55-5480	#56-5273	#57-5395	#58-5322	#59-5486	#60-5659
#61-5688	#62-5397	#63-5327	#64-5605	#65-5376	#66-5660	#67-5715	#68-5647	#69-5543	#70-5423
#71-5613	#72-5600	#73-5719	#74-5648	#75-5406	#76-5601	#77-5371	#78-5595	#79-5488	#80-5533
#81-5550	#82-5252	#83-5689	#84-5305	#85-5711	#86-5503	#87-5664	#88-5373	#89-5565	#90-5384
#91-5306	#92-5407	#93-5574	#94-5628	#95-5341	#96-5540	#97-5256	#98-5357	#99-5493	#100-5269

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Type 6 #4 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5633	#03-5334	#04-5591	#05-5518	#06-5675	#07-5615	#08-5359	#09-5450	#10-5589
#11-5501	#12-5478	#13-5520	#14-5657	#15-5275	#16-5556	#17-5368	#18-5660	#19-5596	#20-5332
#21-5550	#22-5339	#23-5724	#24-5277	#25-5468	#26-5458	#27-5672	#28-5527	#29-5443	#30-5609
#31-5561	#32-5320	#33-5306	#34-5696	#35-5369	#36-5511	#37-5552	#38-5299	#39-5263	#40-5364
#41-5519	#42-5529	#43-5653	#44-5303	#45-5695	#46-5360	#47-5474	#48-5708	#49-5612	#50-5722
#51-5557	#52-5397	#53-5574	#54-5719	#55-5490	#56-5457	#57-5407	#58-5626	#59-5503	#60-5312
#61-5308	#62-5594	#63-5684	#64-5587	#65-5694	#66-5620	#67-5437	#68-5581	#69-5532	#70-5611
#71-5582	#72-5692	#73-5280	#74-5534	#75-5321	#76-5698	#77-5498	#78-5347	#79-5689	#80-5639
#81-5445	#82-5301	#83-5413	#84-5471	#85-5701	#86-5502	#87-5271	#88-5345	#89-5616	#90-5362
#91-5586	#92-5309	#93-5344	#94-5358	#95-5391	#96-5579	#97-5281	#98-5440	#99-5671	#100-5540

Type 6 #5 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5606	#02-5301	#03-5435	#04-5520	#05-5516	#06-5683	#07-5309	#08-5642	#09-5538	#10-5398
#11-5587	#12-5543	#13-5365	#14-5720	#15-5644	#16-5659	#17-5560	#18-5437	#19-5719	#20-5470
#21-5356	#22-5548	#23-5313	#24-5261	#25-5604	#26-5390	#27-5681	#28-5379	#29-5418	#30-5608
#31-5255	#32-5354	#33-5598	#34-5590	#35-5647	#36-5706	#37-5479	#38-5386	#39-5557	#40-5445
#41-5298	#42-5609	#43-5490	#44-5717	#45-5395	#46-5585	#47-5252	#48-5676	#49-5320	#50-5500
#51-5478	#52-5372	#53-5508	#54-5637	#55-5352	#56-5512	#57-5369	#58-5515	#59-5581	#60-5438
#61-5322	#62-5378	#63-5678	#64-5330	#65-5300	#66-5412	#67-5275	#68-5307	#69-5489	#70-5428
#71-5496	#72-5305	#73-5397	#74-5535	#75-5444	#76-5558	#77-5403	#78-5528	#79-5339	#80-5419
#81-5394	#82-5447	#83-5567	#84-5454	#85-5657	#86-5653	#87-5519	#88-5277	#89-5302	#90-5626
#91-5467	#92-5531	#93-5632	#94-5677	#95-5514	#96-5295	#97-5442	#98-5714	#99-5668	#100-5262

Type 6 #6 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5582	#02-5395	#03-5542	#04-5317	#05-5536	#06-5353	#07-5579	#08-5285	#09-5368	#10-5410
#11-5628	#12-5709	#13-5480	#14-5488	#15-5458	#16-5682	#17-5342	#18-5378	#19-5694	#20-5401
#21-5444	#22-5403	#23-5655	#24-5462	#25-5638	#26-5650	#27-5296	#28-5300	#29-5613	#30-5483
#31-5622	#32-5430	#33-5450	#34-5435	#35-5422	#36-5637	#37-5590	#38-5367	#39-5416	#40-5423
#41-5266	#42-5507	#43-5306	#44-5419	#45-5547	#46-5402	#47-5601	#48-5469	#49-5557	#50-5677
#51-5313	#52-5269	#53-5517	#54-5543	#55-5428	#56-5464	#57-5329	#58-5404	#59-5610	#60-5528
#61-5396	#62-5513	#63-5448	#64-5508	#65-5295	#66-5503	#67-5294	#68-5477	#69-5261	#70-5702
#71-5427	#72-5620	#73-5599	#74-5293	#75-5340	#76-5498	#77-5420	#78-5556	#79-5530	#80-5558
#81-5411	#82-5658	#83-5616	#84-5531	#85-5436	#86-5481	#87-5359	#88-5595	#89-5696	#90-5289
#91-5357	#92-5347	#93-5433	#94-5512	#95-5302	#96-5465	#97-5539	#98-5366	#99-5532	#100-5362

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Type 6 #7 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5610	#02-5696	#03-5340	#04-5330	#05-5680	#06-5287	#07-5574	#08-5403	#09-5697	#10-5328
#11-5460	#12-5290	#13-5504	#14-5418	#15-5332	#16-5557	#17-5723	#18-5331	#19-5322	#20-5301
#21-5391	#22-5373	#23-5518	#24-5329	#25-5505	#26-5670	#27-5368	#28-5500	#29-5341	#30-5522
#31-5372	#32-5474	#33-5648	#34-5541	#35-5562	#36-5658	#37-5439	#38-5678	#39-5375	#40-5354
#41-5409	#42-5297	#43-5457	#44-5534	#45-5509	#46-5688	#47-5262	#48-5538	#49-5573	#50-5546
#51-5250	#52-5424	#53-5456	#54-5628	#55-5698	#56-5712	#57-5663	#58-5643	#59-5386	#60-5669
#61-5302	#62-5431	#63-5493	#64-5388	#65-5586	#66-5437	#67-5672	#68-5269	#69-5467	#70-5644
#71-5708	#72-5623	#73-5636	#74-5691	#75-5558	#76-5360	#77-5397	#78-5660	#79-5324	#80-5683
#81-5567	#82-5300	#83-5401	#84-5366	#85-5363	#86-5491	#87-5352	#88-5481	#89-5265	#90-5550
#91-5400	#92-5590	#93-5554	#94-5441	#95-5443	#96-5545	#97-5661	#98-5405	#99-5533	#100-5714

Type 6 #8 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5258	#02-5334	#03-5343	#04-5615	#05-5355	#06-5546	#07-5603	#08-5387	#09-5520	#10-5627
#11-5353	#12-5403	#13-5571	#14-5588	#15-5459	#16-5337	#17-5541	#18-5684	#19-5612	#20-5320
#21-5495	#22-5604	#23-5460	#24-5671	#25-5373	#26-5413	#27-5363	#28-5617	#29-5686	#30-5259
#31-5682	#32-5397	#33-5688	#34-5388	#35-5461	#36-5634	#37-5254	#38-5521	#39-5372	#40-5319
#41-5652	#42-5700	#43-5651	#44-5594	#45-5647	#46-5681	#47-5452	#48-5421	#49-5345	#50-5574
#51-5351	#52-5663	#53-5564	#54-5463	#55-5405	#56-5408	#57-5422	#58-5440	#59-5273	#60-5628
#61-5665	#62-5344	#63-5446	#64-5424	#65-5426	#66-5625	#67-5321	#68-5600	#69-5631	#70-5412
#71-5490	#72-5250	#73-5568	#74-5629	#75-5533	#76-5327	#77-5451	#78-5456	#79-5636	#80-5445
#81-5348	#82-5638	#83-5358	#84-5296	#85-5649	#86-5306	#87-5476	#88-5556	#89-5331	#90-5416
#91-5711	#92-5605	#93-5455	#94-5420	#95-5470	#96-5381	#97-5545	#98-5341	#99-5411	#100-5585

Type 6 #9 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5663	#02-5721	#03-5559	#04-5596	#05-5331	#06-5696	#07-5709	#08-5361	#09-5432	#10-5566
#11-5431	#12-5337	#13-5377	#14-5271	#15-5501	#16-5396	#17-5544	#18-5405	#19-5423	#20-5391
#21-5558	#22-5581	#23-5273	#24-5327	#25-5631	#26-5705	#27-5399	#28-5505	#29-5625	#30-5392
#31-5546	#32-5672	#33-5435	#34-5467	#35-5376	#36-5340	#37-5394	#38-5584	#39-5347	#40-5711
#41-5395	#42-5424	#43-5368	#44-5292	#45-5449	#46-5530	#47-5251	#48-5525	#49-5643	#50-5330
#51-5443	#52-5354	#53-5390	#54-5535	#55-5518	#56-5716	#57-5532	#58-5609	#59-5667	#60-5528
#61-5374	#62-5306	#63-5358	#64-5260	#65-5563	#66-5574	#67-5684	#68-5589	#69-5506	#70-5594
#71-5520	#72-5623	#73-5592	#74-5628	#75-5591	#76-5717	#77-5363	#78-5529	#79-5641	#80-5695
#81-5593	#82-5512	#83-5379	#84-5427	#85-5539	#86-5702	#87-5350	#88-5645	#89-5653	#90-5618
#91-5514	#92-5346	#93-5288	#94-5680	#95-5686	#96-5560	#97-5460	#98-5689	#99-5311	#100-5633

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5556	#02-5706	#03-5523	#04-5674	#05-5415	#06-5388	#07-5502	#08-5441	#09-5290	#10-5694
#11-5446	#12-5275	#13-5396	#14-5463	#15-5284	#16-5488	#17-5585	#18-5439	#19-5591	#20-5255
#21-5327	#22-5548	#23-5495	#24-5679	#25-5582	#26-5281	#27-5567	#28-5332	#29-5384	#30-5383
#31-5547	#32-5318	#33-5518	#34-5390	#35-5558	#36-5429	#37-5400	#38-5480	#39-5267	#40-5401
#41-5426	#42-5474	#43-5360	#44-5624	#45-5263	#46-5358	#47-5466	#48-5651	#49-5577	#50-5321
#51-5599	#52-5500	#53-5445	#54-5628	#55-5479	#56-5407	#57-5278	#58-5720	#59-5557	#60-5357
#61-5659	#62-5359	#63-5630	#64-5560	#65-5623	#66-5681	#67-5603	#68-5323	#69-5451	#70-5527
#71-5337	#72-5355	#73-5422	#74-5440	#75-5553	#76-5437	#77-5595	#78-5666	#79-5539	#80-5641
#81-5313	#82-5508	#83-5297	#84-5598	#85-5614	#86-5635	#87-5405	#88-5647	#89-5634	#90-5467
#91-5316	#92-5569	#93-5525	#94-5251	#95-5306	#96-5392	#97-5450	#98-5300	#99-5708	#100-5494

Type 6 #11 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5328	#02-5254	#03-5324	#04-5627	#05-5695	#06-5407	#07-5303	#08-5333	#09-5542	#10-5268
#11-5604	#12-5567	#13-5301	#14-5576	#15-5714	#16-5413	#17-5300	#18-5376	#19-5657	#20-5432
#21-5512	#22-5698	#23-5487	#24-5258	#25-5636	#26-5594	#27-5610	#28-5719	#29-5396	#30-5440
#31-5430	#32-5329	#33-5264	#34-5694	#35-5593	#36-5539	#37-5718	#38-5351	#39-5564	#40-5342
#41-5448	#42-5437	#43-5251	#44-5473	#45-5400	#46-5697	#47-5490	#48-5704	#49-5648	#50-5311
#51-5540	#52-5281	#53-5562	#54-5618	#55-5308	#56-5538	#57-5418	#58-5338	#59-5395	#60-5552
#61-5424	#62-5287	#63-5606	#64-5465	#65-5404	#66-5383	#67-5555	#68-5420	#69-5499	#70-5299
#71-5256	#72-5444	#73-5637	#74-5478	#75-5417	#76-5290	#77-5506	#78-5277	#79-5677	#80-5403
#81-5701	#82-5364	#83-5372	#84-5658	#85-5475	#86-5671	#87-5621	#88-5263	#89-5488	#90-5436
#91-5518	#92-5481	#93-5316	#94-5549	#95-5530	#96-5514	#97-5471	#98-5442	#99-5370	#100-5513

Type 6 #12 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5612	#02-5619	#03-5343	#04-5505	#05-5585	#06-5703	#07-5511	#08-5642	#09-5460	#10-5334
#11-5453	#12-5628	#13-5448	#14-5290	#15-5472	#16-5678	#17-5622	#18-5367	#19-5473	#20-5603
#21-5285	#22-5492	#23-5702	#24-5651	#25-5405	#26-5412	#27-5592	#28-5485	#29-5716	#30-5530
#31-5282	#32-5305	#33-5438	#34-5477	#35-5336	#36-5402	#37-5615	#38-5693	#39-5359	#40-5346
#41-5278	#42-5351	#43-5314	#44-5578	#45-5593	#46-5509	#47-5307	#48-5561	#49-5574	#50-5325
#51-5369	#52-5417	#53-5349	#54-5423	#55-5361	#56-5276	#57-5650	#58-5654	#59-5420	#60-5573
#61-5259	#62-5538	#63-5720	#64-5591	#65-5470	#66-5493	#67-5664	#68-5464	#69-5600	#70-5586
#71-5552	#72-5543	#73-5333	#74-5427	#75-5681	#76-5410	#77-5385	#78-5401	#79-5685	#80-5357
#81-5559	#82-5644	#83-5302	#84-5442	#85-5582	#86-5348	#87-5502	#88-5255	#89-5583	#90-5695
#91-5312	#92-5354	#93-5572	#94-5366	#95-5537	#96-5630	#97-5292	#98-5555	#99-5522	#100-5604

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5277	#02-5573	#03-5495	#04-5698	#05-5414	#06-5284	#07-5421	#08-5299	#09-5430	#10-5410
#11-5672	#12-5417	#13-5648	#14-5493	#15-5365	#16-5347	#17-5692	#18-5546	#19-5685	#20-5362
#21-5364	#22-5435	#23-5577	#24-5562	#25-5269	#26-5265	#27-5397	#28-5452	#29-5516	#30-5338
#31-5504	#32-5563	#33-5554	#34-5484	#35-5650	#36-5375	#37-5584	#38-5558	#39-5533	#40-5515
#41-5626	#42-5272	#43-5661	#44-5537	#45-5443	#46-5700	#47-5293	#48-5514	#49-5670	#50-5588
#51-5701	#52-5644	#53-5640	#54-5458	#55-5309	#56-5371	#57-5576	#58-5406	#59-5627	#60-5703
#61-5619	#62-5583	#63-5638	#64-5446	#65-5344	#66-5568	#67-5714	#68-5259	#69-5358	#70-5712
#71-5401	#72-5571	#73-5463	#74-5412	#75-5274	#76-5550	#77-5290	#78-5353	#79-5662	#80-5475
#81-5528	#82-5275	#83-5590	#84-5254	#85-5486	#86-5402	#87-5631	#88-5257	#89-5273	#90-5341
#91-5349	#92-5300	#93-5450	#94-5524	#95-5479	#96-5713	#97-5492	#98-5318	#99-5720	#100-5622

Type 6 #14 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5455	#02-5552	#03-5440	#04-5366	#05-5523	#06-5290	#07-5297	#08-5358	#09-5360	#10-5527
#11-5430	#12-5624	#13-5702	#14-5710	#15-5497	#16-5514	#17-5559	#18-5494	#19-5284	#20-5723
#21-5617	#22-5657	#23-5451	#24-5714	#25-5628	#26-5387	#27-5635	#28-5720	#29-5539	#30-5401
#31-5570	#32-5280	#33-5693	#34-5658	#35-5378	#36-5286	#37-5685	#38-5306	#39-5637	#40-5644
#41-5400	#42-5472	#43-5413	#44-5690	#45-5404	#46-5515	#47-5563	#48-5619	#49-5713	#50-5376
#51-5620	#52-5627	#53-5362	#54-5546	#55-5375	#56-5584	#57-5594	#58-5259	#59-5437	#60-5564
#61-5386	#62-5512	#63-5495	#64-5667	#65-5704	#66-5368	#67-5532	#68-5405	#69-5573	#70-5385
#71-5403	#72-5536	#73-5489	#74-5319	#75-5684	#76-5289	#77-5389	#78-5462	#79-5548	#80-5668
#81-5341	#82-5309	#83-5530	#84-5463	#85-5351	#86-5574	#87-5554	#88-5605	#89-5586	#90-5496
#91-5270	#92-5682	#93-5500	#94-5431	#95-5465	#96-5303	#97-5639	#98-5332	#99-5411	#100-5697

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5298	#02-5354	#03-5665	#04-5477	#05-5524	#06-5721	#07-5613	#08-5648	#09-5642	#10-5671
#11-5723	#12-5612	#13-5680	#14-5473	#15-5283	#16-5667	#17-5471	#18-5623	#19-5451	#20-5504
#21-5541	#22-5289	#23-5469	#24-5361	#25-5350	#26-5513	#27-5683	#28-5348	#29-5722	#30-5540
#31-5633	#32-5585	#33-5655	#34-5440	#35-5260	#36-5425	#37-5522	#38-5599	#39-5299	#40-5557
#41-5716	#42-5663	#43-5579	#44-5323	#45-5696	#46-5545	#47-5502	#48-5266	#49-5606	#50-5631
#51-5405	#52-5259	#53-5610	#54-5553	#55-5376	#56-5261	#57-5287	#58-5515	#59-5650	#60-5351
#61-5288	#62-5387	#63-5681	#64-5489	#65-5463	#66-5583	#67-5394	#68-5597	#69-5573	#70-5618
#71-5512	#72-5603	#73-5435	#74-5396	#75-5403	#76-5378	#77-5692	#78-5250	#79-5570	#80-5449
#81-5708	#82-5616	#83-5704	#84-5274	#85-5285	#86-5694	#87-5472	#88-5520	#89-5262	#90-5284
#91-5265	#92-5305	#93-5644	#94-5685	#95-5417	#96-5713	#97-5368	#98-5527	#99-5549	#100-5399

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5723	#02-5293	#03-5287	#04-5669	#05-5450	#06-5368	#07-5397	#08-5408	#09-5657	#10-5454
#11-5462	#12-5292	#13-5425	#14-5374	#15-5536	#16-5347	#17-5310	#18-5590	#19-5683	#20-5361
#21-5582	#22-5363	#23-5637	#24-5505	#25-5650	#26-5321	#27-5273	#28-5448	#29-5715	#30-5630
#31-5482	#32-5426	#33-5326	#34-5544	#35-5474	#36-5718	#37-5483	#38-5507	#39-5537	#40-5359
#41-5612	#42-5387	#43-5332	#44-5576	#45-5257	#46-5602	#47-5678	#48-5560	#49-5606	#50-5615
#51-5307	#52-5662	#53-5591	#54-5351	#55-5541	#56-5609	#57-5381	#58-5506	#59-5268	#60-5379
#61-5344	#62-5673	#63-5417	#64-5276	#65-5696	#66-5285	#67-5690	#68-5605	#69-5624	#70-5542
#71-5589	#72-5528	#73-5302	#74-5573	#75-5445	#76-5280	#77-5497	#78-5298	#79-5367	#80-5437
#81-5566	#82-5350	#83-5572	#84-5545	#85-5699	#86-5252	#87-5587	#88-5701	#89-5488	#90-5407
#91-5264	#92-5664	#93-5694	#94-5306	#95-5604	#96-5636	#97-5322	#98-5661	#99-5314	#100-5275

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5504	#02-5609	#03-5267	#04-5602	#05-5346	#06-5579	#07-5321	#08-5258	#09-5695	#10-5261
#11-5631	#12-5356	#13-5316	#14-5428	#15-5401	#16-5450	#17-5715	#18-5603	#19-5284	#20-5680
#21-5613	#22-5290	#23-5620	#24-5558	#25-5535	#26-5476	#27-5699	#28-5431	#29-5525	#30-5387
#31-5295	#32-5501	#33-5502	#34-5324	#35-5318	#36-5660	#37-5542	#38-5347	#39-5260	#40-5516
#41-5693	#42-5517	#43-5396	#44-5358	#45-5557	#46-5627	#47-5452	#48-5496	#49-5645	#50-5444
#51-5626	#52-5359	#53-5463	#54-5714	#55-5433	#56-5317	#57-5594	#58-5604	#59-5614	#60-5457
#61-5690	#62-5380	#63-5716	#64-5465	#65-5632	#66-5618	#67-5697	#68-5273	#69-5413	#70-5497
#71-5473	#72-5702	#73-5573	#74-5703	#75-5279	#76-5466	#77-5576	#78-5599	#79-5392	#80-5662
#81-5580	#82-5671	#83-5286	#84-5381	#85-5485	#86-5684	#87-5430	#88-5635	#89-5492	#90-5711
#91-5589	#92-5276	#93-5472	#94-5670	#95-5467	#96-5490	#97-5707	#98-5339	#99-5271	#100-5507

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5636	#02-5428	#03-5341	#04-5364	#05-5505	#06-5436	#07-5304	#08-5504	#09-5519	#10-5522
#11-5588	#12-5660	#13-5617	#14-5512	#15-5409	#16-5538	#17-5293	#18-5472	#19-5724	#20-5662
#21-5579	#22-5716	#23-5415	#24-5439	#25-5354	#26-5720	#27-5446	#28-5445	#29-5614	#30-5430
#31-5376	#32-5665	#33-5265	#34-5598	#35-5714	#36-5307	#37-5592	#38-5315	#39-5447	#40-5516
#41-5581	#42-5713	#43-5442	#44-5316	#45-5413	#46-5536	#47-5711	#48-5407	#49-5402	#50-5485
#51-5340	#52-5333	#53-5653	#54-5645	#55-5262	#56-5627	#57-5260	#58-5509	#59-5715	#60-5583
#61-5338	#62-5395	#63-5648	#64-5268	#65-5523	#66-5352	#67-5670	#68-5702	#69-5275	#70-5458
#71-5331	#72-5590	#73-5348	#74-5276	#75-5542	#76-5259	#77-5288	#78-5388	#79-5462	#80-5708
#81-5616	#82-5574	#83-5657	#84-5669	#85-5318	#86-5294	#87-5690	#88-5305	#89-5526	#90-5722
#91-5353	#92-5489	#93-5692	#94-5609	#95-5679	#96-5457	#97-5470	#98-5460	#99-5607	#100-5251

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5312	#02-5371	#03-5638	#04-5600	#05-5442	#06-5500	#07-5676	#08-5445	#09-5402	#10-5355
#11-5504	#12-5323	#13-5713	#14-5454	#15-5308	#16-5705	#17-5646	#18-5337	#19-5656	#20-5334
#21-5492	#22-5419	#23-5428	#24-5511	#25-5651	#26-5291	#27-5404	#28-5433	#29-5254	#30-5487
#31-5406	#32-5692	#33-5655	#34-5607	#35-5671	#36-5380	#37-5339	#38-5587	#39-5412	#40-5575
#41-5527	#42-5670	#43-5723	#44-5390	#45-5415	#46-5627	#47-5619	#48-5405	#49-5621	#50-5476
#51-5548	#52-5372	#53-5675	#54-5642	#55-5545	#56-5677	#57-5460	#58-5516	#59-5458	#60-5521
#61-5262	#62-5397	#63-5592	#64-5348	#65-5307	#66-5441	#67-5507	#68-5653	#69-5616	#70-5650
#71-5331	#72-5532	#73-5546	#74-5421	#75-5287	#76-5346	#77-5273	#78-5724	#79-5537	#80-5503
#81-5663	#82-5283	#83-5267	#84-5263	#85-5311	#86-5719	#87-5644	#88-5250	#89-5321	#90-5679
#91-5303	#92-5514	#93-5523	#94-5292	#95-5309	#96-5570	#97-5427	#98-5622	#99-5693	#100-5585

Type 6 #20 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5489	#02-5447	#03-5593	#04-5360	#05-5724	#06-5505	#07-5422	#08-5717	#09-5492	#10-5310
#11-5522	#12-5449	#13-5619	#14-5654	#15-5314	#16-5338	#17-5294	#18-5380	#19-5512	#20-5258
#21-5615	#22-5712	#23-5695	#24-5278	#25-5267	#26-5272	#27-5291	#28-5719	#29-5286	#30-5428
#31-5694	#32-5352	#33-5568	#34-5642	#35-5424	#36-5561	#37-5399	#38-5627	#39-5311	#40-5464
#41-5472	#42-5257	#43-5554	#44-5618	#45-5506	#46-5315	#47-5628	#48-5451	#49-5703	#50-5696
#51-5525	#52-5297	#53-5359	#54-5685	#55-5502	#56-5476	#57-5564	#58-5343	#59-5701	#60-5427
#61-5681	#62-5313	#63-5341	#64-5420	#65-5606	#66-5702	#67-5479	#68-5478	#69-5663	#70-5391
#71-5318	#72-5298	#73-5510	#74-5608	#75-5407	#76-5327	#77-5497	#78-5677	#79-5369	#80-5565
#81-5266	#82-5647	#83-5672	#84-5646	#85-5334	#86-5559	#87-5534	#88-5250	#89-5301	#90-5491
#91-5526	#92-5336	#93-5433	#94-5651	#95-5475	#96-5283	#97-5383	#98-5345	#99-5398	#100-5317

Type 6 #21 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5391	#02-5582	#03-5624	#04-5411	#05-5616	#06-5410	#07-5418	#08-5427	#09-5722	#10-5279
#11-5558	#12-5393	#13-5353	#14-5709	#15-5298	#16-5466	#17-5556	#18-5641	#19-5526	#20-5493
#21-5442	#22-5593	#23-5515	#24-5281	#25-5494	#26-5668	#27-5656	#28-5434	#29-5585	#30-5551
#31-5660	#32-5491	#33-5476	#34-5351	#35-5607	#36-5330	#37-5357	#38-5633	#39-5436	#40-5622
#41-5388	#42-5331	#43-5654	#44-5719	#45-5263	#46-5682	#47-5504	#48-5428	#49-5597	#50-5631
#51-5390	#52-5280	#53-5620	#54-5584	#55-5640	#56-5475	#57-5496	#58-5538	#59-5256	#60-5458
#61-5587	#62-5438	#63-5482	#64-5671	#65-5583	#66-5396	#67-5560	#68-5502	#69-5306	#70-5545
#71-5455	#72-5352	#73-5692	#74-5674	#75-5643	#76-5373	#77-5312	#78-5495	#79-5335	#80-5320
#81-5712	#82-5550	#83-5415	#84-5386	#85-5453	#86-5381	#87-5598	#88-5316	#89-5338	#90-5486
#91-5349	#92-5592	#93-5429	#94-5379	#95-5566	#96-5570	#97-5549	#98-5481	#99-5672	#100-5525

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5578	#02-5312	#03-5337	#04-5608	#05-5395	#06-5252	#07-5667	#08-5397	#09-5601	#10-5596
#11-5570	#12-5535	#13-5366	#14-5409	#15-5342	#16-5324	#17-5561	#18-5285	#19-5604	#20-5438
#21-5576	#22-5377	#23-5698	#24-5505	#25-5455	#26-5654	#27-5490	#28-5495	#29-5526	#30-5319
#31-5467	#32-5332	#33-5532	#34-5560	#35-5365	#36-5497	#37-5452	#38-5314	#39-5339	#40-5439
#41-5477	#42-5512	#43-5447	#44-5618	#45-5262	#46-5406	#47-5478	#48-5475	#49-5599	#50-5445
#51-5318	#52-5336	#53-5251	#54-5659	#55-5364	#56-5353	#57-5511	#58-5522	#59-5631	#60-5355
#61-5320	#62-5501	#63-5653	#64-5453	#65-5558	#66-5573	#67-5701	#68-5551	#69-5358	#70-5696
#71-5458	#72-5349	#73-5386	#74-5624	#75-5435	#76-5308	#77-5714	#78-5442	#79-5270	#80-5651
#81-5598	#82-5399	#83-5720	#84-5530	#85-5625	#86-5250	#87-5394	#88-5665	#89-5517	#90-5382
#91-5432	#92-5334	#93-5407	#94-5260	#95-5518	#96-5415	#97-5428	#98-5649	#99-5491	#100-5474

Type 6 #23 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5584	#02-5712	#03-5589	#04-5285	#05-5653	#06-5294	#07-5522	#08-5329	#09-5489	#10-5619
#11-5335	#12-5393	#13-5627	#14-5503	#15-5458	#16-5277	#17-5673	#18-5701	#19-5406	#20-5417
#21-5429	#22-5326	#23-5641	#24-5302	#25-5467	#26-5425	#27-5514	#28-5548	#29-5264	#30-5664
#31-5486	#32-5345	#33-5410	#34-5374	#35-5540	#36-5257	#37-5665	#38-5590	#39-5321	#40-5349
#41-5437	#42-5618	#43-5538	#44-5724	#45-5263	#46-5357	#47-5682	#48-5400	#49-5610	#50-5524
#51-5492	#52-5323	#53-5507	#54-5320	#55-5537	#56-5542	#57-5478	#58-5505	#59-5698	#60-5315
#61-5550	#62-5383	#63-5714	#64-5708	#65-5688	#66-5450	#67-5337	#68-5332	#69-5630	#70-5306
#71-5274	#72-5716	#73-5433	#74-5353	#75-5453	#76-5317	#77-5499	#78-5591	#79-5588	#80-5304
#81-5686	#82-5577	#83-5336	#84-5282	#85-5662	#86-5377	#87-5297	#88-5567	#89-5569	#90-5419
#91-5372	#92-5405	#93-5260	#94-5280	#95-5579	#96-5301	#97-5481	#98-5313	#99-5527	#100-5435

Type 6 #24 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5299	#02-5303	#03-5324	#04-5692	#05-5485	#06-5339	#07-5411	#08-5255	#09-5357	#10-5452
#11-5495	#12-5421	#13-5386	#14-5621	#15-5423	#16-5656	#17-5513	#18-5684	#19-5285	#20-5312
#21-5462	#22-5579	#23-5593	#24-5365	#25-5673	#26-5292	#27-5463	#28-5448	#29-5359	#30-5524
#31-5502	#32-5316	#33-5391	#34-5287	#35-5276	#36-5682	#37-5695	#38-5617	#39-5683	#40-5406
#41-5564	#42-5645	#43-5547	#44-5708	#45-5598	#46-5383	#47-5405	#48-5369	#49-5693	#50-5354
#51-5492	#52-5557	#53-5698	#54-5444	#55-5434	#56-5269	#57-5443	#58-5640	#59-5672	#60-5531
#61-5722	#62-5652	#63-5717	#64-5355	#65-5719	#66-5583	#67-5396	#68-5543	#69-5326	#70-5630
#71-5623	#72-5517	#73-5542	#74-5689	#75-5418	#76-5289	#77-5307	#78-5329	#79-5390	#80-5419
#81-5260	#82-5484	#83-5568	#84-5567	#85-5675	#86-5424	#87-5293	#88-5459	#89-5282	#90-5315
#91-5554	#92-5603	#93-5259	#94-5395	#95-5400	#96-5288	#97-5415	#98-5651	#99-5325	#100-5486

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5392	#02-5304	#03-5274	#04-5600	#05-5615	#06-5452	#07-5581	#08-5483	#09-5707	#10-5595
#11-5551	#12-5265	#13-5553	#14-5701	#15-5592	#16-5616	#17-5283	#18-5421	#19-5590	#20-5680
#21-5712	#22-5336	#23-5540	#24-5490	#25-5298	#26-5658	#27-5715	#28-5381	#29-5569	#30-5557
#31-5342	#32-5640	#33-5331	#34-5579	#35-5621	#36-5400	#37-5417	#38-5568	#39-5555	#40-5458
#41-5484	#42-5572	#43-5257	#44-5301	#45-5508	#46-5430	#47-5419	#48-5533	#49-5396	#50-5382
#51-5480	#52-5460	#53-5450	#54-5531	#55-5404	#56-5693	#57-5360	#58-5567	#59-5519	#60-5591
#61-5352	#62-5388	#63-5288	#64-5459	#65-5350	#66-5472	#67-5371	#68-5695	#69-5466	#70-5577
#71-5284	#72-5718	#73-5445	#74-5390	#75-5328	#76-5489	#77-5706	#78-5488	#79-5431	#80-5709
#81-5437	#82-5327	#83-5607	#84-5440	#85-5525	#86-5425	#87-5653	#88-5666	#89-5307	#90-5251
#91-5286	#92-5433	#93-5694	#94-5408	#95-5683	#96-5297	#97-5562	#98-5655	#99-5516	#100-5627

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5425	#02-5456	#03-5335	#04-5264	#05-5614	#06-5694	#07-5379	#08-5699	#09-5280	#10-5409
#11-5367	#12-5676	#13-5685	#14-5577	#15-5635	#16-5672	#17-5671	#18-5292	#19-5524	#20-5533
#21-5575	#22-5723	#23-5376	#24-5313	#25-5681	#26-5358	#27-5646	#28-5547	#29-5634	#30-5441
#31-5594	#32-5304	#33-5645	#34-5424	#35-5431	#36-5708	#37-5439	#38-5410	#39-5289	#40-5697
#41-5653	#42-5276	#43-5256	#44-5432	#45-5482	#46-5258	#47-5715	#48-5498	#49-5260	#50-5351
#51-5520	#52-5380	#53-5302	#54-5426	#55-5329	#56-5271	#57-5307	#58-5505	#59-5297	#60-5556
#61-5315	#62-5563	#63-5540	#64-5511	#65-5395	#66-5651	#67-5510	#68-5252	#69-5551	#70-5605
#71-5549	#72-5717	#73-5669	#74-5299	#75-5449	#76-5350	#77-5656	#78-5298	#79-5623	#80-5339
#81-5323	#82-5649	#83-5662	#84-5372	#85-5255	#86-5628	#87-5418	#88-5353	#89-5508	#90-5346
#91-5686	#92-5417	#93-5616	#94-5451	#95-5471	#96-5569	#97-5571	#98-5503	#99-5565	#100-5517

Type 6 #27 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5553	#02-5352	#03-5477	#04-5433	#05-5384	#06-5697	#07-5583	#08-5405	#09-5365	#10-5507
#11-5416	#12-5474	#13-5467	#14-5388	#15-5343	#16-5389	#17-5272	#18-5313	#19-5407	#20-5469
#21-5627	#22-5509	#23-5587	#24-5550	#25-5303	#26-5348	#27-5722	#28-5603	#29-5337	#30-5452
#31-5369	#32-5498	#33-5530	#34-5345	#35-5559	#36-5619	#37-5546	#38-5493	#39-5446	#40-5495
#41-5353	#42-5534	#43-5563	#44-5519	#45-5667	#46-5399	#47-5537	#48-5358	#49-5331	#50-5430
#51-5548	#52-5439	#53-5408	#54-5298	#55-5651	#56-5568	#57-5615	#58-5608	#59-5599	#60-5585
#61-5527	#62-5278	#63-5305	#64-5296	#65-5700	#66-5661	#67-5293	#68-5508	#69-5504	#70-5592
#71-5637	#72-5366	#73-5342	#74-5670	#75-5318	#76-5607	#77-5628	#78-5535	#79-5613	#80-5521
#81-5631	#82-5655	#83-5340	#84-5482	#85-5418	#86-5716	#87-5254	#88-5663	#89-5412	#90-5572
#91-5634	#92-5551	#93-5505	#94-5472	#95-5692	#96-5462	#97-5575	#98-5561	#99-5294	#100-5496

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5558	#03-5623	#04-5546	#05-5250	#06-5427	#07-5313	#08-5696	#09-5255	#10-5371
#11-5402	#12-5366	#13-5609	#14-5429	#15-5599	#16-5517	#17-5491	#18-5629	#19-5342	#20-5270
#21-5252	#22-5540	#23-5562	#24-5412	#25-5570	#26-5640	#27-5416	#28-5291	#29-5288	#30-5685
#31-5294	#32-5583	#33-5332	#34-5569	#35-5550	#36-5584	#37-5432	#38-5663	#39-5709	#40-5508
#41-5662	#42-5545	#43-5383	#44-5355	#45-5283	#46-5619	#47-5307	#48-5319	#49-5682	#50-5677
#51-5552	#52-5493	#53-5721	#54-5460	#55-5701	#56-5334	#57-5261	#58-5271	#59-5658	#60-5295
#61-5327	#62-5543	#63-5284	#64-5290	#65-5603	#66-5264	#67-5424	#68-5309	#69-5690	#70-5357
#71-5486	#72-5315	#73-5720	#74-5428	#75-5306	#76-5464	#77-5382	#78-5397	#79-5706	#80-5615
#81-5336	#82-5630	#83-5505	#84-5325	#85-5434	#86-5588	#87-5607	#88-5455	#89-5578	#90-5698
#91-5487	#92-5254	#93-5499	#94-5536	#95-5321	#96-5405	#97-5604	#98-5260	#99-5716	#100-5542

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5403	#02-5486	#03-5501	#04-5603	#05-5599	#06-5676	#07-5405	#08-5715	#09-5637	#10-5503
#11-5689	#12-5418	#13-5401	#14-5542	#15-5578	#16-5362	#17-5384	#18-5724	#19-5310	#20-5470
#21-5372	#22-5494	#23-5392	#24-5516	#25-5702	#26-5518	#27-5348	#28-5605	#29-5344	#30-5439
#31-5622	#32-5313	#33-5295	#34-5453	#35-5693	#36-5327	#37-5612	#38-5302	#39-5316	#40-5624
#41-5543	#42-5326	#43-5711	#44-5452	#45-5315	#46-5406	#47-5604	#48-5435	#49-5367	#50-5626
#51-5420	#52-5633	#53-5710	#54-5330	#55-5525	#56-5620	#57-5577	#58-5314	#59-5317	#60-5355
#61-5339	#62-5610	#63-5284	#64-5290	#65-5361	#66-5258	#67-5375	#68-5305	#69-5595	#70-5574
#71-5716	#72-5283	#73-5448	#74-5465	#75-5600	#76-5504	#77-5412	#78-5544	#79-5341	#80-5443
#81-5532	#82-5449	#83-5297	#84-5479	#85-5259	#86-5347	#87-5700	#88-5521	#89-5570	#90-5395
#91-5680	#92-5359	#93-5500	#94-5364	#95-5288	#96-5495	#97-5520	#98-5635	#99-5265	#100-5701

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5666	#02-5538	#03-5668	#04-5480	#05-5519	#06-5260	#07-5667	#08-5572	#09-5554	#10-5533
#11-5555	#12-5610	#13-5548	#14-5345	#15-5430	#16-5360	#17-5693	#18-5307	#19-5651	#20-5619
#21-5454	#22-5417	#23-5394	#24-5636	#25-5485	#26-5506	#27-5354	#28-5545	#29-5532	#30-5516
#31-5629	#32-5468	#33-5265	#34-5320	#35-5537	#36-5445	#37-5661	#38-5591	#39-5510	#40-5627
#41-5376	#42-5550	#43-5669	#44-5479	#45-5464	#46-5399	#47-5340	#48-5524	#49-5297	#50-5487
#51-5497	#52-5499	#53-5393	#54-5282	#55-5720	#56-5263	#57-5631	#58-5371	#59-5289	#60-5287
#61-5337	#62-5594	#63-5478	#64-5709	#65-5424	#66-5351	#67-5601	#68-5391	#69-5717	#70-5630
#71-5291	#72-5568	#73-5691	#74-5255	#75-5292	#76-5679	#77-5455	#78-5258	#79-5469	#80-5318
#81-5547	#82-5288	#83-5302	#84-5595	#85-5604	#86-5505	#87-5509	#88-5338	#89-5646	#90-5582
#91-5710	#92-5592	#93-5356	#94-5350	#95-5670	#96-5517	#97-5458	#98-5549	#99-5315	#100-5715

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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	7	363515	67	1359	1484	433441	800000
2	1	7	566539	56	0	0	233405	800000
3	2	7	199288	54	1463	0	599141	800000
4	1	7	503217	78	0	0	296705	800000
5	2	7	173547	90	1249	0	625024	800000
6	3	7	703725	77	1782	958	93304	800000
7	3	7	610050	86	1550	950	187192	800000
8	1	7	373082	75	0	0	426843	800000
9	2	7	329234	88	1433	0	469157	800000
10	2	7	617715	73	1193	0	180946	800000
11	2	7	633029	53	1117	0	165748	800000
12	3	7	225828	50	1432	960	571630	800000
13	1	7	726732	55	0	0	73213	800000
14	3	7	12807	56	1424	1428	784173	800000
15	1	7	186	53	0	0	799761	800000

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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	112446	91	1279	0	1386093	1500000
2	1	17	562034	80	0	0	937886	1500000
3	3	17	1125255	60	1784	1165	371616	1500000
4	1	17	274809	51	0	0	1225140	1500000
5	1	17	918854	83	0	0	581063	1500000
6	3	17	1133396	72	1585	1710	363093	1500000
7	2	17	1111174	50	1120	0	387606	1500000
8	1	17	168513	59	0	0	1331428	1500000

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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	267857	84	0	0	332059	600000
2	1	18	503243	77	0	0	96680	600000
3	1	18	14733	87	0	0	585180	600000
4	3	18	122645	99	1302	1889	473867	600000
5	1	18	227588	97	0	0	372315	600000
6	3	18	367182	75	1643	1776	229174	600000
7	1	18	16524	50	0	0	583426	600000
8	3	18	94963	56	1440	1758	501671	600000
9	2	18	240578	57	1887	0	357421	600000
10	1	18	9718	50	0	0	590232	600000
11	2	18	592509	67	1163	0	6194	600000
12	1	18	520564	59	0	0	79377	600000
13	3	18	434444	66	1398	1615	162345	600000
14	3	18	512932	62	1660	1052	84170	600000
15	1	18	496953	66	0	0	102981	600000
16	3	18	454919	100	1249	1878	141654	600000
17	2	18	159486	74	1401	0	438965	600000
18	3	18	293016	89	1829	1634	303254	600000
19	1	18	375584	81	0	0	224335	600000
20	3	18	521451	73	1134	1083	76113	600000

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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	10	25882	58	0	0	1064969	1090909
2	3	10	319976	70	1054	1292	768377	1090909
3	3	10	223401	55	1001	1707	864635	1090909
4	2	10	875804	99	1510	0	213397	1090909
5	2	10	116132	68	1634	0	973007	1090909
6	1	10	493060	91	0	0	597758	1090909
7	1	10	230388	91	0	0	860430	1090909
8	1	10	264824	77	0	0	826008	1090909
9	1	10	865384	69	0	0	225456	1090909
10	2	10	702637	60	1455	0	386697	1090909
11	2	10	252684	60	1852	0	836253	1090909

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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	7	592098	74	0	0	157828	750000
2	2	7	305971	66	1133	0	442764	750000
3	2	7	164267	96	973	0	584568	750000
4	2	7	163771	96	966	0	585071	750000
5	3	7	127299	54	956	976	620607	750000
6	3	7	195458	59	1574	1542	551249	750000
7	2	7	545990	96	1531	0	202287	750000
8	1	7	690373	88	0	0	59539	750000
9	2	7	337154	59	1130	0	411598	750000
10	1	7	15366	55	0	0	734579	750000
11	3	7	444321	100	1593	1165	302621	750000
12	1	7	464456	74	0	0	285470	750000
13	2	7	604192	56	1511	0	144185	750000
14	2	7	443344	68	1868	0	304652	750000
15	3	7	452331	84	1193	1214	295010	750000
16	3	7	514555	66	1515	1059	232673	750000

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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	11	534785	99	966	0	95629	631578
2	2	11	204292	77	1182	0	425950	631578
3	1	11	111431	61	0	0	520086	631578
4	2	11	506125	56	1024	0	124317	631578
5	1	11	624669	85	0	0	6824	631578
6	2	11	427662	96	1564	0	202160	631578
7	3	11	153010	83	1411	1789	475119	631578
8	3	11	375906	80	1197	1441	252794	631578
9	2	11	206575	99	1255	0	423550	631578
10	1	11	193228	76	0	0	438274	631578
11	1	11	203444	99	0	0	428035	631578
12	2	11	56476	59	1918	0	573066	631578
13	1	11	543113	73	0	0	88392	631578
14	3	11	340500	81	1560	1272	288003	631578
15	2	11	352485	50	1520	0	277473	631578
16	1	11	309203	89	0	0	322286	631578
17	2	11	145572	60	1822	0	484064	631578
18	2	11	108424	76	1743	0	521259	631578
19	2	11	65340	52	1574	0	564560	631578

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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	9	54079	81	0	0	1279173	1333333
2	1	9	932144	67	0	0	401122	1333333
3	3	9	1251272	100	1137	1304	79320	1333333
4	1	9	1101070	87	0	0	232176	1333333
5	2	9	1003155	95	1477	0	328511	1333333
6	2	9	624549	71	1115	0	707527	1333333
7	3	9	584745	74	1309	1765	745292	1333333
8	2	9	616882	80	1611	0	714680	1333333
9	1	9	1214198	75	0	0	119060	1333333

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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	14	958475	63	0	0	132371	1090909
2	1	14	657345	81	0	0	433483	1090909
3	1	14	540075	60	0	0	550774	1090909
4	3	14	237247	52	1039	1110	851357	1090909
5	3	14	1049349	74	1841	1325	38172	1090909
6	2	14	394873	76	1692	0	694192	1090909
7	1	14	721621	69	0	0	369219	1090909
8	2	14	334914	70	1595	0	754260	1090909
9	2	14	107168	69	1332	0	982271	1090909
10	2	14	207523	80	1652	0	881574	1090909
11	1	14	318124	68	0	0	772717	1090909

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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	6	261014	62	1813	0	594191	857142
2	2	6	205284	76	1753	0	649953	857142
3	1	6	714410	92	0	0	142640	857142
4	2	6	731839	82	1344	0	123795	857142
5	3	6	658347	66	1525	1751	195321	857142
6	2	6	596779	73	1236	0	258981	857142
7	3	6	235625	97	1550	1137	618539	857142
8	1	6	751670	63	0	0	105409	857142
9	3	6	684402	63	1098	1806	169647	857142
10	3	6	807270	58	1495	1538	46665	857142
11	1	6	714769	74	0	0	142299	857142
12	2	6	837551	67	1863	0	17594	857142
13	3	6	627581	91	1158	1207	226923	857142
14	1	6	331535	80	0	0	525527	857142

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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	19	70587	99	0	0	1129314	1200000
2	2	19	629675	71	1899	0	568284	1200000
3	1	19	121281	70	0	0	1078649	1200000
4	1	19	603193	83	0	0	596724	1200000
5	2	19	515967	81	1088	0	682783	1200000
6	3	19	682763	57	1873	1855	513338	1200000
7	1	19	388683	88	0	0	811229	1200000
8	1	19	347576	70	0	0	852354	1200000
9	2	19	475307	54	1168	0	723417	1200000
10	1	19	396160	70	0	0	803770	1200000

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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	194863	60	0	0	1305077	1500000
2	2	16	47479	60	1420	0	1450981	1500000
3	2	16	901349	54	1551	0	596992	1500000
4	2	16	1083134	69	1699	0	415029	1500000
5	1	16	250280	80	0	0	1249640	1500000
6	2	16	602567	51	1047	0	896284	1500000
7	2	16	1228750	51	1154	0	269994	1500000
8	2	16	1403610	95	1842	0	94358	1500000

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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	290086	94	1269	0	908457	1200000
2	1	12	841128	90	0	0	358782	1200000
3	3	12	298426	51	1585	1918	897918	1200000
4	2	12	112441	66	1194	0	1086233	1200000
5	1	12	1163475	55	0	0	36470	1200000
6	3	12	840599	81	1869	1122	356167	1200000
7	3	12	237495	72	1526	1285	959478	1200000
8	3	12	1122471	67	1098	1170	75060	1200000
9	2	12	467850	85	1721	0	730259	1200000
10	1	12	689360	79	0	0	510561	1200000

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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	14	534938	93	1172	1750	211861	750000
2	2	14	207238	82	1768	0	540830	750000
3	3	14	457579	95	1169	943	290024	750000
4	1	14	84215	78	0	0	665707	750000
5	1	14	527475	93	0	0	222432	750000
6	2	14	477920	74	1145	0	270787	750000
7	2	14	572188	63	1075	0	176611	750000
8	1	14	266776	80	0	0	483144	750000
9	1	14	623272	99	0	0	126629	750000
10	2	14	681749	83	1719	0	66366	750000
11	2	14	284842	67	1452	0	463572	750000
12	2	14	570644	78	1909	0	177291	750000
13	2	14	309404	75	1104	0	439342	750000
14	3	14	608410	74	1797	1683	137888	750000
15	1	14	521423	72	0	0	228505	750000
16	2	14	351763	50	1214	0	396923	750000

Type 5 #13 5510.00 [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	1	18	517842	77	0	0	282081	800000
2	3	18	461887	50	1834	1485	334644	800000
3	1	18	423112	56	0	0	376832	800000
4	3	18	730079	98	1782	1037	66808	800000
5	2	18	319656	76	1020	0	479172	800000
6	3	18	589064	55	955	1530	208286	800000
7	1	18	205846	76	0	0	594078	800000
8	3	18	487025	84	1463	1598	309662	800000
9	1	18	505539	67	0	0	294394	800000
10	1	18	671898	80	0	0	128022	800000
11	2	18	442284	60	1068	0	356528	800000
12	3	18	758281	89	1383	1158	38911	800000
13	3	18	689899	51	1900	1790	106258	800000
14	2	18	224140	83	1813	0	573881	800000
15	1	18	243862	66	0	0	556072	800000

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Type 5 #14 5494.70 [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	338452	94	0	0	518596	857142
2	1	8	506115	55	0	0	350972	857142
3	2	8	224474	90	1873	0	630615	857142
4	2	8	509509	73	1211	0	346276	857142
5	3	8	653949	79	1306	1257	200393	857142
6	2	8	118761	98	1847	0	736338	857142
7	3	8	499663	81	1168	1326	354742	857142
8	2	8	682622	50	1585	0	172835	857142
9	1	8	36817	64	0	0	820261	857142
10	3	8	70661	83	1709	1347	783176	857142
11	3	8	689751	87	1642	1176	164312	857142
12	2	8	335058	85	1282	0	520632	857142
13	1	8	162980	73	0	0	694089	857142
14	2	8	717448	86	1810	0	137712	857142

Type 5 #15 5498.30 [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	20	1164982	98	1426	0	33396	1200000
2	3	20	1111472	64	1664	1499	85173	1200000
3	2	20	1190087	52	1819	0	7990	1200000
4	2	20	370313	57	1036	0	828537	1200000
5	3	20	182077	63	949	1769	1015016	1200000
6	3	20	706910	58	1474	1839	489603	1200000
7	3	20	349027	77	1631	1127	847984	1200000
8	1	20	337646	62	0	0	862292	1200000
9	3	20	382425	73	1322	1384	814650	1200000
10	2	20	893411	59	1059	0	305412	1200000

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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	16	88629	85	1427	0	541352	631578
2	2	16	19915	72	1713	0	609806	631578
3	1	16	265475	97	0	0	366006	631578
4	1	16	538157	64	0	0	93357	631578
5	3	16	593051	93	1468	1371	35409	631578
6	2	16	406539	72	1461	0	223434	631578
7	3	16	602459	91	1755	919	26172	631578
8	1	16	95295	57	0	0	536226	631578
9	2	16	486263	90	1406	0	143729	631578
10	2	16	142088	80	956	0	488374	631578
11	1	16	215376	94	0	0	416108	631578
12	3	16	15360	59	1169	1565	613307	631578
13	3	16	132973	98	1178	938	496195	631578
14	1	16	291786	54	0	0	339738	631578
15	1	16	442869	57	0	0	188652	631578
16	2	16	436699	52	1013	0	193762	631578
17	2	16	193962	95	1563	0	435863	631578
18	2	16	601196	94	1343	0	28851	631578
19	3	16	280327	97	1419	1571	347970	631578

Type 5 #17 5495.10 [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	3	9	519846	71	1490	1104	477347	1000000
2	1	9	88026	79	0	0	911895	1000000
3	1	9	837247	58	0	0	162695	1000000
4	1	9	110511	99	0	0	889390	1000000
5	1	9	598694	75	0	0	401231	1000000
6	3	9	326443	58	1760	1066	670557	1000000
7	2	9	254591	57	1898	0	743397	1000000
8	1	9	604630	58	0	0	395312	1000000
9	1	9	126378	67	0	0	873555	1000000
10	1	9	613610	54	0	0	386336	1000000
11	3	9	319060	76	1573	1892	677247	1000000
12	2	9	294035	77	1005	0	704806	1000000

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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	5	317444	65	0	0	482491	800000
2	3	5	719667	52	1406	1249	77522	800000
3	3	5	615933	84	1274	1319	181222	800000
4	3	5	440270	69	1437	1473	356613	800000
5	2	5	450415	64	1614	0	347843	800000
6	3	5	690370	61	1248	1905	106294	800000
7	1	5	783619	65	0	0	16316	800000
8	3	5	248873	69	963	1797	548160	800000
9	3	5	730988	84	982	1525	66253	800000
10	2	5	629194	88	1775	0	168855	800000
11	1	5	55233	87	0	0	744680	800000
12	2	5	185930	53	1173	0	612791	800000
13	3	5	38116	80	1730	1456	758458	800000
14	2	5	142670	90	1909	0	655241	800000
15	2	5	496642	84	1462	0	301728	800000

Type 5 #19 5510.00 [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	6	528582	98	1495	0	269727	800000
2	3	6	764206	55	985	1514	33130	800000
3	3	6	503964	79	1482	1727	292590	800000
4	2	6	423407	65	1566	0	374897	800000
5	2	6	457879	67	1895	0	340092	800000
6	3	6	356294	66	1435	1251	440822	800000
7	3	6	171951	73	1236	1568	625026	800000
8	3	6	496531	90	1406	1389	300404	800000
9	3	6	34926	61	1557	1608	761726	800000
10	3	6	313963	62	1875	1019	482957	800000
11	2	6	334274	88	1075	0	464475	800000
12	3	6	604119	86	1556	1378	192689	800000
13	3	6	359162	51	1942	1167	437576	800000
14	3	6	762850	95	987	1618	34260	800000
15	3	6	554358	94	1552	1191	242617	800000

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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	16	968886	95	1034	0	363223	1333333
2	3	16	1044279	76	1298	1892	285636	1333333
3	2	16	1134962	100	1362	0	196809	1333333
4	2	16	1050130	58	1529	0	281558	1333333
5	3	16	1058594	51	1261	1819	271506	1333333
6	3	16	494716	64	1053	1361	836011	1333333
7	2	16	1209136	94	1369	0	122640	1333333
8	3	16	1238507	55	1703	1550	91408	1333333
9	1	16	717409	84	0	0	615840	1333333

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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	6	255403	74	0	0	835432	1090909
2	1	6	926246	64	0	0	164599	1090909
3	1	6	99916	91	0	0	990902	1090909
4	2	6	392159	70	1781	0	696829	1090909
5	1	6	643082	71	0	0	447756	1090909
6	2	6	961940	84	1863	0	126938	1090909
7	1	6	870092	63	0	0	220754	1090909
8	2	6	280613	57	1623	0	808559	1090909
9	3	6	153505	82	1181	1192	934785	1090909
10	1	6	993929	56	0	0	96924	1090909
11	1	6	635805	57	0	0	455047	1090909

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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	5	847617	82	1904	1608	481958	1333333
2	3	5	612162	53	1172	1205	718635	1333333
3	3	5	1163975	77	1642	1757	165728	1333333
4	1	5	225509	58	0	0	1107766	1333333
5	3	5	774222	57	1510	1202	556228	1333333
6	2	5	909361	97	1584	0	422194	1333333
7	1	5	1101200	96	0	0	232037	1333333
8	1	5	66443	100	0	0	1266790	1333333
9	2	5	907317	96	920	0	424904	1333333

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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	8	297782	96	1083	0	791852	1090909
2	1	8	785313	71	0	0	305525	1090909
3	3	8	253657	58	1065	1320	834693	1090909
4	2	8	846429	68	1510	0	242834	1090909
5	3	8	963183	81	1812	1481	124190	1090909
6	2	8	804079	55	1210	0	285510	1090909
7	1	8	724693	87	0	0	366129	1090909
8	3	8	280233	65	1396	1417	807668	1090909
9	1	8	715876	59	0	0	374974	1090909
10	3	8	597323	94	1723	1901	489680	1090909
11	2	8	1054680	72	1489	0	34596	1090909

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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	9	471892	81	0	0	233909	705882
2	1	9	81881	62	0	0	623939	705882
3	1	9	503883	93	0	0	201906	705882
4	2	9	67770	64	964	0	637020	705882
5	2	9	166842	78	930	0	537954	705882
6	3	9	503349	51	1240	1588	199552	705882
7	1	9	512434	85	0	0	193363	705882
8	3	9	572051	96	1040	978	131525	705882
9	3	9	598994	96	944	1518	104138	705882
10	1	9	505444	76	0	0	200362	705882
11	3	9	372472	76	1308	1917	329957	705882
12	3	9	18816	53	1314	1327	684266	705882
13	2	9	13351	87	1267	0	691090	705882
14	1	9	196147	50	0	0	509685	705882
15	2	9	464094	98	1482	0	240110	705882
16	3	9	534643	99	914	1892	168136	705882
17	1	9	472705	97	0	0	233080	705882

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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	11	936978	87	1094	0	61754	1000000
2	2	11	306266	86	1828	0	691734	1000000
3	3	11	508166	55	1778	1864	488027	1000000
4	2	11	58962	72	1493	0	939401	1000000
5	3	11	736538	67	1705	1372	260184	1000000
6	2	11	969898	81	1599	0	28341	1000000
7	1	11	377258	50	0	0	622692	1000000
8	3	11	847910	73	1006	1175	149690	1000000
9	2	11	362705	67	1787	0	635374	1000000
10	1	11	430551	53	0	0	569396	1000000
11	2	11	635663	64	1223	0	362986	1000000
12	2	11	644387	67	1432	0	354047	1000000

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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	251663	97	927	1761	745358	1000000
2	1	15	145675	77	0	0	854248	1000000
3	1	15	209095	70	0	0	790835	1000000
4	1	15	917875	100	0	0	82025	1000000
5	1	15	368484	78	0	0	631438	1000000
6	2	15	718887	59	1093	0	279902	1000000
7	3	15	432357	99	953	1742	564651	1000000
8	3	15	992165	51	1674	1632	4376	1000000
9	1	15	592442	97	0	0	407461	1000000
10	1	15	787686	69	0	0	212245	1000000
11	1	15	220021	75	0	0	779904	1000000
12	2	15	444984	71	953	0	553921	1000000

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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	11	314034	67	1466	0	684366	1000000
2	2	11	972120	57	1200	0	26566	1000000
3	2	11	435682	58	1198	0	563004	1000000
4	3	11	271564	99	1675	1677	724787	1000000
5	3	11	557436	91	1550	1352	439389	1000000
6	1	11	346853	78	0	0	653069	1000000
7	3	11	289168	80	1213	1269	708110	1000000
8	2	11	191205	81	1366	0	807267	1000000
9	1	11	905202	95	0	0	94703	1000000
10	1	11	569832	58	0	0	430110	1000000
11	2	11	94977	73	1597	0	903280	1000000
12	2	11	869828	76	1816	0	128204	1000000

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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	6	872107	77	1550	1427	624685	1500000
2	1	6	948540	99	0	0	551361	1500000
3	2	6	121479	51	1278	0	1377141	1500000
4	3	6	594641	96	1640	1246	902185	1500000
5	2	6	963570	100	1794	0	534436	1500000
6	3	6	1027861	64	1770	1885	468292	1500000
7	3	6	409444	99	1559	1190	1087510	1500000
8	3	6	1403419	66	1133	1631	93619	1500000

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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	19	1409644	72	942	0	89270	1500000
2	2	19	909945	68	1461	0	588458	1500000
3	2	19	1289621	77	1656	0	208569	1500000
4	2	19	1024703	88	1165	0	473956	1500000
5	3	19	587504	64	1671	1359	909274	1500000
6	2	19	296904	54	1211	0	1201777	1500000
7	3	19	869166	52	1412	1147	628119	1500000
8	1	19	873032	87	0	0	626881	1500000

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Type 6 #1 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5502	#02-5349	#03-5418	#04-5369	#05-5304	#06-5444	#07-5506	#08-5261	#09-5563	#10-5407
#11-5681	#12-5460	#13-5370	#14-5426	#15-5318	#16-5534	#17-5537	#18-5530	#19-5510	#20-5703
#21-5381	#22-5602	#23-5375	#24-5482	#25-5720	#26-5377	#27-5564	#28-5288	#29-5478	#30-5515
#31-5258	#32-5298	#33-5329	#34-5285	#35-5479	#36-5396	#37-5716	#38-5299	#39-5280	#40-5607
#41-5693	#42-5387	#43-5424	#44-5629	#45-5495	#46-5401	#47-5712	#48-5569	#49-5337	#50-5383
#51-5394	#52-5625	#53-5699	#54-5591	#55-5546	#56-5449	#57-5379	#58-5422	#59-5525	#60-5653
#61-5415	#62-5452	#63-5322	#64-5346	#65-5283	#66-5302	#67-5308	#68-5384	#69-5518	#70-5654
#71-5351	#72-5406	#73-5306	#74-5327	#75-5578	#76-5474	#77-5700	#78-5279	#79-5300	#80-5633
#81-5428	#82-5599	#83-5628	#84-5429	#85-5311	#86-5507	#87-5613	#88-5574	#89-5517	#90-5644
#91-5582	#92-5331	#93-5289	#94-5697	#95-5557	#96-5399	#97-5368	#98-5481	#99-5435	#100-5543

Type 6 #2 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5454	#02-5293	#03-5630	#04-5542	#05-5642	#06-5513	#07-5693	#08-5700	#09-5403	#10-5392
#11-5474	#12-5270	#13-5711	#14-5578	#15-5418	#16-5696	#17-5519	#18-5419	#19-5535	#20-5251
#21-5259	#22-5493	#23-5638	#24-5366	#25-5334	#26-5355	#27-5271	#28-5324	#29-5582	#30-5522
#31-5370	#32-5448	#33-5610	#34-5394	#35-5585	#36-5524	#37-5589	#38-5349	#39-5606	#40-5541
#41-5490	#42-5440	#43-5269	#44-5710	#45-5368	#46-5388	#47-5482	#48-5396	#49-5686	#50-5485
#51-5624	#52-5445	#53-5525	#54-5717	#55-5426	#56-5558	#57-5407	#58-5672	#59-5625	#60-5546
#61-5595	#62-5353	#63-5351	#64-5433	#65-5367	#66-5453	#67-5655	#68-5319	#69-5654	#70-5434
#71-5303	#72-5305	#73-5347	#74-5348	#75-5607	#76-5567	#77-5435	#78-5560	#79-5548	#80-5318
#81-5674	#82-5310	#83-5532	#84-5317	#85-5281	#86-5667	#87-5658	#88-5641	#89-5669	#90-5570
#91-5478	#92-5609	#93-5660	#94-5555	#95-5364	#96-5668	#97-5415	#98-5695	#99-5357	#100-5676

Type 6 #3 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5471	#02-5661	#03-5328	#04-5459	#05-5420	#06-5314	#07-5308	#08-5360	#09-5284	#10-5468
#11-5722	#12-5283	#13-5484	#14-5497	#15-5560	#16-5386	#17-5623	#18-5377	#19-5720	#20-5518
#21-5549	#22-5458	#23-5552	#24-5464	#25-5301	#26-5452	#27-5492	#28-5529	#29-5444	#30-5577
#31-5685	#32-5563	#33-5596	#34-5713	#35-5546	#36-5496	#37-5593	#38-5582	#39-5558	#40-5535
#41-5259	#42-5450	#43-5576	#44-5426	#45-5307	#46-5532	#47-5383	#48-5288	#49-5700	#50-5263
#51-5358	#52-5430	#53-5368	#54-5580	#55-5480	#56-5273	#57-5395	#58-5322	#59-5486	#60-5659
#61-5688	#62-5397	#63-5327	#64-5605	#65-5376	#66-5660	#67-5715	#68-5647	#69-5543	#70-5423
#71-5613	#72-5600	#73-5719	#74-5648	#75-5406	#76-5601	#77-5371	#78-5595	#79-5488	#80-5533
#81-5550	#82-5252	#83-5689	#84-5305	#85-5711	#86-5503	#87-5664	#88-5373	#89-5565	#90-5384
#91-5306	#92-5407	#93-5574	#94-5628	#95-5341	#96-5540	#97-5256	#98-5357	#99-5493	#100-5269

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Type 6 #4 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5633	#03-5334	#04-5591	#05-5518	#06-5675	#07-5615	#08-5359	#09-5450	#10-5589
#11-5501	#12-5478	#13-5520	#14-5657	#15-5275	#16-5556	#17-5368	#18-5660	#19-5596	#20-5332
#21-5550	#22-5339	#23-5724	#24-5277	#25-5468	#26-5458	#27-5672	#28-5527	#29-5443	#30-5609
#31-5561	#32-5320	#33-5306	#34-5696	#35-5369	#36-5511	#37-5552	#38-5299	#39-5263	#40-5364
#41-5519	#42-5529	#43-5653	#44-5303	#45-5695	#46-5360	#47-5474	#48-5708	#49-5612	#50-5722
#51-5557	#52-5397	#53-5574	#54-5719	#55-5490	#56-5457	#57-5407	#58-5626	#59-5503	#60-5312
#61-5308	#62-5594	#63-5684	#64-5587	#65-5694	#66-5620	#67-5437	#68-5581	#69-5532	#70-5611
#71-5582	#72-5692	#73-5280	#74-5534	#75-5321	#76-5698	#77-5498	#78-5347	#79-5689	#80-5639
#81-5445	#82-5301	#83-5413	#84-5471	#85-5701	#86-5502	#87-5271	#88-5345	#89-5616	#90-5362
#91-5586	#92-5309	#93-5344	#94-5358	#95-5391	#96-5579	#97-5281	#98-5440	#99-5671	#100-5540

Type 6 #5 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5606	#02-5301	#03-5435	#04-5520	#05-5516	#06-5683	#07-5309	#08-5642	#09-5538	#10-5398
#11-5587	#12-5543	#13-5365	#14-5720	#15-5644	#16-5659	#17-5560	#18-5437	#19-5719	#20-5470
#21-5356	#22-5548	#23-5313	#24-5261	#25-5604	#26-5390	#27-5681	#28-5379	#29-5418	#30-5608
#31-5255	#32-5354	#33-5598	#34-5590	#35-5647	#36-5706	#37-5479	#38-5386	#39-5557	#40-5445
#41-5298	#42-5609	#43-5490	#44-5717	#45-5395	#46-5585	#47-5252	#48-5676	#49-5320	#50-5500
#51-5478	#52-5372	#53-5508	#54-5637	#55-5352	#56-5512	#57-5369	#58-5515	#59-5581	#60-5438
#61-5322	#62-5378	#63-5678	#64-5330	#65-5300	#66-5412	#67-5275	#68-5307	#69-5489	#70-5428
#71-5496	#72-5305	#73-5397	#74-5535	#75-5444	#76-5558	#77-5403	#78-5528	#79-5339	#80-5419
#81-5394	#82-5447	#83-5567	#84-5454	#85-5657	#86-5653	#87-5519	#88-5277	#89-5302	#90-5626
#91-5467	#92-5531	#93-5632	#94-5677	#95-5514	#96-5295	#97-5442	#98-5714	#99-5668	#100-5262

Type 6 #6 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5582	#02-5395	#03-5542	#04-5317	#05-5536	#06-5353	#07-5579	#08-5285	#09-5368	#10-5410
#11-5628	#12-5709	#13-5480	#14-5488	#15-5458	#16-5682	#17-5342	#18-5378	#19-5694	#20-5401
#21-5444	#22-5403	#23-5655	#24-5462	#25-5638	#26-5650	#27-5296	#28-5300	#29-5613	#30-5483
#31-5622	#32-5430	#33-5450	#34-5435	#35-5422	#36-5637	#37-5590	#38-5367	#39-5416	#40-5423
#41-5266	#42-5507	#43-5306	#44-5419	#45-5547	#46-5402	#47-5601	#48-5469	#49-5557	#50-5677
#51-5313	#52-5269	#53-5517	#54-5543	#55-5428	#56-5464	#57-5329	#58-5404	#59-5610	#60-5528
#61-5396	#62-5513	#63-5448	#64-5508	#65-5295	#66-5503	#67-5294	#68-5477	#69-5261	#70-5702
#71-5427	#72-5620	#73-5599	#74-5293	#75-5340	#76-5498	#77-5420	#78-5556	#79-5530	#80-5558
#81-5411	#82-5658	#83-5616	#84-5531	#85-5436	#86-5481	#87-5359	#88-5595	#89-5696	#90-5289
#91-5357	#92-5347	#93-5433	#94-5512	#95-5302	#96-5465	#97-5539	#98-5366	#99-5532	#100-5362

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Type 6 #7 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5610	#02-5696	#03-5340	#04-5330	#05-5680	#06-5287	#07-5574	#08-5403	#09-5697	#10-5328
#11-5460	#12-5290	#13-5504	#14-5418	#15-5332	#16-5557	#17-5723	#18-5331	#19-5322	#20-5301
#21-5391	#22-5373	#23-5518	#24-5329	#25-5505	#26-5670	#27-5368	#28-5500	#29-5341	#30-5522
#31-5372	#32-5474	#33-5648	#34-5541	#35-5562	#36-5658	#37-5439	#38-5678	#39-5375	#40-5354
#41-5409	#42-5297	#43-5457	#44-5534	#45-5509	#46-5688	#47-5262	#48-5538	#49-5573	#50-5546
#51-5250	#52-5424	#53-5456	#54-5628	#55-5698	#56-5712	#57-5663	#58-5643	#59-5386	#60-5669
#61-5302	#62-5431	#63-5493	#64-5388	#65-5586	#66-5437	#67-5672	#68-5269	#69-5467	#70-5644
#71-5708	#72-5623	#73-5636	#74-5691	#75-5558	#76-5360	#77-5397	#78-5660	#79-5324	#80-5683
#81-5567	#82-5300	#83-5401	#84-5366	#85-5363	#86-5491	#87-5352	#88-5481	#89-5265	#90-5550
#91-5400	#92-5590	#93-5554	#94-5441	#95-5443	#96-5545	#97-5661	#98-5405	#99-5533	#100-5714

Type 6 #8 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5258	#02-5334	#03-5343	#04-5615	#05-5355	#06-5546	#07-5603	#08-5387	#09-5520	#10-5627
#11-5353	#12-5403	#13-5571	#14-5588	#15-5459	#16-5337	#17-5541	#18-5684	#19-5612	#20-5320
#21-5495	#22-5604	#23-5460	#24-5671	#25-5373	#26-5413	#27-5363	#28-5617	#29-5686	#30-5259
#31-5682	#32-5397	#33-5688	#34-5388	#35-5461	#36-5634	#37-5254	#38-5521	#39-5372	#40-5319
#41-5652	#42-5700	#43-5651	#44-5594	#45-5647	#46-5681	#47-5452	#48-5421	#49-5345	#50-5574
#51-5351	#52-5663	#53-5564	#54-5463	#55-5405	#56-5408	#57-5422	#58-5440	#59-5273	#60-5628
#61-5665	#62-5344	#63-5446	#64-5424	#65-5426	#66-5625	#67-5321	#68-5600	#69-5631	#70-5412
#71-5490	#72-5250	#73-5568	#74-5629	#75-5533	#76-5327	#77-5451	#78-5456	#79-5636	#80-5445
#81-5348	#82-5638	#83-5358	#84-5296	#85-5649	#86-5306	#87-5476	#88-5556	#89-5331	#90-5416
#91-5711	#92-5605	#93-5455	#94-5420	#95-5470	#96-5381	#97-5545	#98-5341	#99-5411	#100-5585

Type 6 #9 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5663	#02-5721	#03-5559	#04-5596	#05-5331	#06-5696	#07-5709	#08-5361	#09-5432	#10-5566
#11-5431	#12-5337	#13-5377	#14-5271	#15-5501	#16-5396	#17-5544	#18-5405	#19-5423	#20-5391
#21-5558	#22-5581	#23-5273	#24-5327	#25-5631	#26-5705	#27-5399	#28-5505	#29-5625	#30-5392
#31-5546	#32-5672	#33-5435	#34-5467	#35-5376	#36-5340	#37-5394	#38-5584	#39-5347	#40-5711
#41-5395	#42-5424	#43-5368	#44-5292	#45-5449	#46-5530	#47-5251	#48-5525	#49-5643	#50-5330
#51-5443	#52-5354	#53-5390	#54-5535	#55-5518	#56-5716	#57-5532	#58-5609	#59-5667	#60-5528
#61-5374	#62-5306	#63-5358	#64-5260	#65-5563	#66-5574	#67-5684	#68-5589	#69-5506	#70-5594
#71-5520	#72-5623	#73-5592	#74-5628	#75-5591	#76-5717	#77-5363	#78-5529	#79-5641	#80-5695
#81-5593	#82-5512	#83-5379	#84-5427	#85-5539	#86-5702	#87-5350	#88-5645	#89-5653	#90-5618
#91-5514	#92-5346	#93-5288	#94-5680	#95-5686	#96-5560	#97-5460	#98-5689	#99-5311	#100-5633

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Type 6 #10 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5556	#02-5706	#03-5523	#04-5674	#05-5415	#06-5388	#07-5502	#08-5441	#09-5290	#10-5694
#11-5446	#12-5275	#13-5396	#14-5463	#15-5284	#16-5488	#17-5585	#18-5439	#19-5591	#20-5255
#21-5327	#22-5548	#23-5495	#24-5679	#25-5582	#26-5281	#27-5567	#28-5332	#29-5384	#30-5383
#31-5547	#32-5318	#33-5518	#34-5390	#35-5558	#36-5429	#37-5400	#38-5480	#39-5267	#40-5401
#41-5426	#42-5474	#43-5360	#44-5624	#45-5263	#46-5358	#47-5466	#48-5651	#49-5577	#50-5321
#51-5599	#52-5500	#53-5445	#54-5628	#55-5479	#56-5407	#57-5278	#58-5720	#59-5557	#60-5357
#61-5659	#62-5359	#63-5630	#64-5560	#65-5623	#66-5681	#67-5603	#68-5323	#69-5451	#70-5527
#71-5337	#72-5355	#73-5422	#74-5440	#75-5553	#76-5437	#77-5595	#78-5666	#79-5539	#80-5641
#81-5313	#82-5508	#83-5297	#84-5598	#85-5614	#86-5635	#87-5405	#88-5647	#89-5634	#90-5467
#91-5316	#92-5569	#93-5525	#94-5251	#95-5306	#96-5392	#97-5450	#98-5300	#99-5708	#100-5494

Type 6 #11 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5328	#02-5254	#03-5324	#04-5627	#05-5695	#06-5407	#07-5303	#08-5333	#09-5542	#10-5268
#11-5604	#12-5567	#13-5301	#14-5576	#15-5714	#16-5413	#17-5300	#18-5376	#19-5657	#20-5432
#21-5512	#22-5698	#23-5487	#24-5258	#25-5636	#26-5594	#27-5610	#28-5719	#29-5396	#30-5440
#31-5430	#32-5329	#33-5264	#34-5694	#35-5593	#36-5539	#37-5718	#38-5351	#39-5564	#40-5342
#41-5448	#42-5437	#43-5251	#44-5473	#45-5400	#46-5697	#47-5490	#48-5704	#49-5648	#50-5311
#51-5540	#52-5281	#53-5562	#54-5618	#55-5308	#56-5538	#57-5418	#58-5338	#59-5395	#60-5552
#61-5424	#62-5287	#63-5606	#64-5465	#65-5404	#66-5383	#67-5555	#68-5420	#69-5499	#70-5299
#71-5256	#72-5444	#73-5637	#74-5478	#75-5417	#76-5290	#77-5506	#78-5277	#79-5677	#80-5403
#81-5701	#82-5364	#83-5372	#84-5658	#85-5475	#86-5671	#87-5621	#88-5263	#89-5488	#90-5436
#91-5518	#92-5481	#93-5316	#94-5549	#95-5530	#96-5514	#97-5471	#98-5442	#99-5370	#100-5513

Type 6 #12 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5612	#02-5619	#03-5343	#04-5505	#05-5585	#06-5703	#07-5511	#08-5642	#09-5460	#10-5334
#11-5453	#12-5628	#13-5448	#14-5290	#15-5472	#16-5678	#17-5622	#18-5367	#19-5473	#20-5603
#21-5285	#22-5492	#23-5702	#24-5651	#25-5405	#26-5412	#27-5592	#28-5485	#29-5716	#30-5530
#31-5282	#32-5305	#33-5438	#34-5477	#35-5336	#36-5402	#37-5615	#38-5693	#39-5359	#40-5346
#41-5278	#42-5351	#43-5314	#44-5578	#45-5593	#46-5509	#47-5307	#48-5561	#49-5574	#50-5325
#51-5369	#52-5417	#53-5349	#54-5423	#55-5361	#56-5276	#57-5650	#58-5654	#59-5420	#60-5573
#61-5259	#62-5538	#63-5720	#64-5591	#65-5470	#66-5493	#67-5664	#68-5464	#69-5600	#70-5586
#71-5552	#72-5543	#73-5333	#74-5427	#75-5681	#76-5410	#77-5385	#78-5401	#79-5685	#80-5357
#81-5559	#82-5644	#83-5302	#84-5442	#85-5582	#86-5348	#87-5502	#88-5255	#89-5583	#90-5695
#91-5312	#92-5354	#93-5572	#94-5366	#95-5537	#96-5630	#97-5292	#98-5555	#99-5522	#100-5604

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5277	#02-5573	#03-5495	#04-5698	#05-5414	#06-5284	#07-5421	#08-5299	#09-5430	#10-5410
#11-5672	#12-5417	#13-5648	#14-5493	#15-5365	#16-5347	#17-5692	#18-5546	#19-5685	#20-5362
#21-5364	#22-5435	#23-5577	#24-5562	#25-5269	#26-5265	#27-5397	#28-5452	#29-5516	#30-5338
#31-5504	#32-5563	#33-5554	#34-5484	#35-5650	#36-5375	#37-5584	#38-5558	#39-5533	#40-5515
#41-5626	#42-5272	#43-5661	#44-5537	#45-5443	#46-5700	#47-5293	#48-5514	#49-5670	#50-5588
#51-5701	#52-5644	#53-5640	#54-5458	#55-5309	#56-5371	#57-5576	#58-5406	#59-5627	#60-5703
#61-5619	#62-5583	#63-5638	#64-5446	#65-5344	#66-5568	#67-5714	#68-5259	#69-5358	#70-5712
#71-5401	#72-5571	#73-5463	#74-5412	#75-5274	#76-5550	#77-5290	#78-5353	#79-5662	#80-5475
#81-5528	#82-5275	#83-5590	#84-5254	#85-5486	#86-5402	#87-5631	#88-5257	#89-5273	#90-5341
#91-5349	#92-5300	#93-5450	#94-5524	#95-5479	#96-5713	#97-5492	#98-5318	#99-5720	#100-5622

Type 6 #14 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5455	#02-5552	#03-5440	#04-5366	#05-5523	#06-5290	#07-5297	#08-5358	#09-5360	#10-5527
#11-5430	#12-5624	#13-5702	#14-5710	#15-5497	#16-5514	#17-5559	#18-5494	#19-5284	#20-5723
#21-5617	#22-5657	#23-5451	#24-5714	#25-5628	#26-5387	#27-5635	#28-5720	#29-5539	#30-5401
#31-5570	#32-5280	#33-5693	#34-5658	#35-5378	#36-5286	#37-5685	#38-5306	#39-5637	#40-5644
#41-5400	#42-5472	#43-5413	#44-5690	#45-5404	#46-5515	#47-5563	#48-5619	#49-5713	#50-5376
#51-5620	#52-5627	#53-5362	#54-5546	#55-5375	#56-5584	#57-5594	#58-5259	#59-5437	#60-5564
#61-5386	#62-5512	#63-5495	#64-5667	#65-5704	#66-5368	#67-5532	#68-5405	#69-5573	#70-5385
#71-5403	#72-5536	#73-5489	#74-5319	#75-5684	#76-5289	#77-5389	#78-5462	#79-5548	#80-5668
#81-5341	#82-5309	#83-5530	#84-5463	#85-5351	#86-5574	#87-5554	#88-5605	#89-5586	#90-5496
#91-5270	#92-5682	#93-5500	#94-5431	#95-5465	#96-5303	#97-5639	#98-5332	#99-5411	#100-5697

Type 6 #15 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5298	#02-5354	#03-5665	#04-5477	#05-5524	#06-5721	#07-5613	#08-5648	#09-5642	#10-5671
#11-5723	#12-5612	#13-5680	#14-5473	#15-5283	#16-5667	#17-5471	#18-5623	#19-5451	#20-5504
#21-5541	#22-5289	#23-5469	#24-5361	#25-5350	#26-5513	#27-5683	#28-5348	#29-5722	#30-5540
#31-5633	#32-5585	#33-5655	#34-5440	#35-5260	#36-5425	#37-5522	#38-5599	#39-5299	#40-5557
#41-5716	#42-5663	#43-5579	#44-5323	#45-5696	#46-5545	#47-5502	#48-5266	#49-5606	#50-5631
#51-5405	#52-5259	#53-5610	#54-5553	#55-5376	#56-5261	#57-5287	#58-5515	#59-5650	#60-5351
#61-5288	#62-5387	#63-5681	#64-5489	#65-5463	#66-5583	#67-5394	#68-5597	#69-5573	#70-5618
#71-5512	#72-5603	#73-5435	#74-5396	#75-5403	#76-5378	#77-5692	#78-5250	#79-5570	#80-5449
#81-5708	#82-5616	#83-5704	#84-5274	#85-5285	#86-5694	#87-5472	#88-5520	#89-5262	#90-5284
#91-5265	#92-5305	#93-5644	#94-5685	#95-5417	#96-5713	#97-5368	#98-5527	#99-5549	#100-5399

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5723	#02-5293	#03-5287	#04-5669	#05-5450	#06-5368	#07-5397	#08-5408	#09-5657	#10-5454
#11-5462	#12-5292	#13-5425	#14-5374	#15-5536	#16-5347	#17-5310	#18-5590	#19-5683	#20-5361
#21-5582	#22-5363	#23-5637	#24-5505	#25-5650	#26-5321	#27-5273	#28-5448	#29-5715	#30-5630
#31-5482	#32-5426	#33-5326	#34-5544	#35-5474	#36-5718	#37-5483	#38-5507	#39-5537	#40-5359
#41-5612	#42-5387	#43-5332	#44-5576	#45-5257	#46-5602	#47-5678	#48-5560	#49-5606	#50-5615
#51-5307	#52-5662	#53-5591	#54-5351	#55-5541	#56-5609	#57-5381	#58-5506	#59-5268	#60-5379
#61-5344	#62-5673	#63-5417	#64-5276	#65-5696	#66-5285	#67-5690	#68-5605	#69-5624	#70-5542
#71-5589	#72-5528	#73-5302	#74-5573	#75-5445	#76-5280	#77-5497	#78-5298	#79-5367	#80-5437
#81-5566	#82-5350	#83-5572	#84-5545	#85-5699	#86-5252	#87-5587	#88-5701	#89-5488	#90-5407
#91-5264	#92-5664	#93-5694	#94-5306	#95-5604	#96-5636	#97-5322	#98-5661	#99-5314	#100-5275

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5504	#02-5609	#03-5267	#04-5602	#05-5346	#06-5579	#07-5321	#08-5258	#09-5695	#10-5261
#11-5631	#12-5356	#13-5316	#14-5428	#15-5401	#16-5450	#17-5715	#18-5603	#19-5284	#20-5680
#21-5613	#22-5290	#23-5620	#24-5558	#25-5535	#26-5476	#27-5699	#28-5431	#29-5525	#30-5387
#31-5295	#32-5501	#33-5502	#34-5324	#35-5318	#36-5660	#37-5542	#38-5347	#39-5260	#40-5516
#41-5693	#42-5517	#43-5396	#44-5358	#45-5557	#46-5627	#47-5452	#48-5496	#49-5645	#50-5444
#51-5626	#52-5359	#53-5463	#54-5714	#55-5433	#56-5317	#57-5594	#58-5604	#59-5614	#60-5457
#61-5690	#62-5380	#63-5716	#64-5465	#65-5632	#66-5618	#67-5697	#68-5273	#69-5413	#70-5497
#71-5473	#72-5702	#73-5573	#74-5703	#75-5279	#76-5466	#77-5576	#78-5599	#79-5392	#80-5662
#81-5580	#82-5671	#83-5286	#84-5381	#85-5485	#86-5684	#87-5430	#88-5635	#89-5492	#90-5711
#91-5589	#92-5276	#93-5472	#94-5670	#95-5467	#96-5490	#97-5707	#98-5339	#99-5271	#100-5507

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5636	#02-5428	#03-5341	#04-5364	#05-5505	#06-5436	#07-5304	#08-5504	#09-5519	#10-5522
#11-5588	#12-5660	#13-5617	#14-5512	#15-5409	#16-5538	#17-5293	#18-5472	#19-5724	#20-5662
#21-5579	#22-5716	#23-5415	#24-5439	#25-5354	#26-5720	#27-5446	#28-5445	#29-5614	#30-5430
#31-5376	#32-5665	#33-5265	#34-5598	#35-5714	#36-5307	#37-5592	#38-5315	#39-5447	#40-5516
#41-5581	#42-5713	#43-5442	#44-5316	#45-5413	#46-5536	#47-5711	#48-5407	#49-5402	#50-5485
#51-5340	#52-5333	#53-5653	#54-5645	#55-5262	#56-5627	#57-5260	#58-5509	#59-5715	#60-5583
#61-5338	#62-5395	#63-5648	#64-5268	#65-5523	#66-5352	#67-5670	#68-5702	#69-5275	#70-5458
#71-5331	#72-5590	#73-5348	#74-5276	#75-5542	#76-5259	#77-5288	#78-5388	#79-5462	#80-5708
#81-5616	#82-5574	#83-5657	#84-5669	#85-5318	#86-5294	#87-5690	#88-5305	#89-5526	#90-5722
#91-5353	#92-5489	#93-5692	#94-5609	#95-5679	#96-5457	#97-5470	#98-5460	#99-5607	#100-5251

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5312	#02-5371	#03-5638	#04-5600	#05-5442	#06-5500	#07-5676	#08-5445	#09-5402	#10-5355
#11-5504	#12-5323	#13-5713	#14-5454	#15-5308	#16-5705	#17-5646	#18-5337	#19-5656	#20-5334
#21-5492	#22-5419	#23-5428	#24-5511	#25-5651	#26-5291	#27-5404	#28-5433	#29-5254	#30-5487
#31-5406	#32-5692	#33-5655	#34-5607	#35-5671	#36-5380	#37-5339	#38-5587	#39-5412	#40-5575
#41-5527	#42-5670	#43-5723	#44-5390	#45-5415	#46-5627	#47-5619	#48-5405	#49-5621	#50-5476
#51-5548	#52-5372	#53-5675	#54-5642	#55-5545	#56-5677	#57-5460	#58-5516	#59-5458	#60-5521
#61-5262	#62-5397	#63-5592	#64-5348	#65-5307	#66-5441	#67-5507	#68-5653	#69-5616	#70-5650
#71-5331	#72-5532	#73-5546	#74-5421	#75-5287	#76-5346	#77-5273	#78-5724	#79-5537	#80-5503
#81-5663	#82-5283	#83-5267	#84-5263	#85-5311	#86-5719	#87-5644	#88-5250	#89-5321	#90-5679
#91-5303	#92-5514	#93-5523	#94-5292	#95-5309	#96-5570	#97-5427	#98-5622	#99-5693	#100-5585

Type 6 #20 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5489	#02-5447	#03-5593	#04-5360	#05-5724	#06-5505	#07-5422	#08-5717	#09-5492	#10-5310
#11-5522	#12-5449	#13-5619	#14-5654	#15-5314	#16-5338	#17-5294	#18-5380	#19-5512	#20-5258
#21-5615	#22-5712	#23-5695	#24-5278	#25-5267	#26-5272	#27-5291	#28-5719	#29-5286	#30-5428
#31-5694	#32-5352	#33-5568	#34-5642	#35-5424	#36-5561	#37-5399	#38-5627	#39-5311	#40-5464
#41-5472	#42-5257	#43-5554	#44-5618	#45-5506	#46-5315	#47-5628	#48-5451	#49-5703	#50-5696
#51-5525	#52-5297	#53-5359	#54-5685	#55-5502	#56-5476	#57-5564	#58-5343	#59-5701	#60-5427
#61-5681	#62-5313	#63-5341	#64-5420	#65-5606	#66-5702	#67-5479	#68-5478	#69-5663	#70-5391
#71-5318	#72-5298	#73-5510	#74-5608	#75-5407	#76-5327	#77-5497	#78-5677	#79-5369	#80-5565
#81-5266	#82-5647	#83-5672	#84-5646	#85-5334	#86-5559	#87-5534	#88-5250	#89-5301	#90-5491
#91-5526	#92-5336	#93-5433	#94-5651	#95-5475	#96-5283	#97-5383	#98-5345	#99-5398	#100-5317

Type 6 #21 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5391	#02-5582	#03-5624	#04-5411	#05-5616	#06-5410	#07-5418	#08-5427	#09-5722	#10-5279
#11-5558	#12-5393	#13-5353	#14-5709	#15-5298	#16-5466	#17-5556	#18-5641	#19-5526	#20-5493
#21-5442	#22-5593	#23-5515	#24-5281	#25-5494	#26-5668	#27-5656	#28-5434	#29-5585	#30-5551
#31-5660	#32-5491	#33-5476	#34-5351	#35-5607	#36-5330	#37-5357	#38-5633	#39-5436	#40-5622
#41-5388	#42-5331	#43-5654	#44-5719	#45-5263	#46-5682	#47-5504	#48-5428	#49-5597	#50-5631
#51-5390	#52-5280	#53-5620	#54-5584	#55-5640	#56-5475	#57-5496	#58-5538	#59-5256	#60-5458
#61-5587	#62-5438	#63-5482	#64-5671	#65-5583	#66-5396	#67-5560	#68-5502	#69-5306	#70-5545
#71-5455	#72-5352	#73-5692	#74-5674	#75-5643	#76-5373	#77-5312	#78-5495	#79-5335	#80-5320
#81-5712	#82-5550	#83-5415	#84-5386	#85-5453	#86-5381	#87-5598	#88-5316	#89-5338	#90-5486
#91-5349	#92-5592	#93-5429	#94-5379	#95-5566	#96-5570	#97-5549	#98-5481	#99-5672	#100-5525

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5578	#02-5312	#03-5337	#04-5608	#05-5395	#06-5252	#07-5667	#08-5397	#09-5601	#10-5596
#11-5570	#12-5535	#13-5366	#14-5409	#15-5342	#16-5324	#17-5561	#18-5285	#19-5604	#20-5438
#21-5576	#22-5377	#23-5698	#24-5505	#25-5455	#26-5654	#27-5490	#28-5495	#29-5526	#30-5319
#31-5467	#32-5332	#33-5532	#34-5560	#35-5365	#36-5497	#37-5452	#38-5314	#39-5339	#40-5439
#41-5477	#42-5512	#43-5447	#44-5618	#45-5262	#46-5406	#47-5478	#48-5475	#49-5599	#50-5445
#51-5318	#52-5336	#53-5251	#54-5659	#55-5364	#56-5353	#57-5511	#58-5522	#59-5631	#60-5355
#61-5320	#62-5501	#63-5653	#64-5453	#65-5558	#66-5573	#67-5701	#68-5551	#69-5358	#70-5696
#71-5458	#72-5349	#73-5386	#74-5624	#75-5435	#76-5308	#77-5714	#78-5442	#79-5270	#80-5651
#81-5598	#82-5399	#83-5720	#84-5530	#85-5625	#86-5250	#87-5394	#88-5665	#89-5517	#90-5382
#91-5432	#92-5334	#93-5407	#94-5260	#95-5518	#96-5415	#97-5428	#98-5649	#99-5491	#100-5474

Type 6 #23 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5584	#02-5712	#03-5589	#04-5285	#05-5653	#06-5294	#07-5522	#08-5329	#09-5489	#10-5619
#11-5335	#12-5393	#13-5627	#14-5503	#15-5458	#16-5277	#17-5673	#18-5701	#19-5406	#20-5417
#21-5429	#22-5326	#23-5641	#24-5302	#25-5467	#26-5425	#27-5514	#28-5548	#29-5264	#30-5664
#31-5486	#32-5345	#33-5410	#34-5374	#35-5540	#36-5257	#37-5665	#38-5590	#39-5321	#40-5349
#41-5437	#42-5618	#43-5538	#44-5724	#45-5263	#46-5357	#47-5682	#48-5400	#49-5610	#50-5524
#51-5492	#52-5323	#53-5507	#54-5320	#55-5537	#56-5542	#57-5478	#58-5505	#59-5698	#60-5315
#61-5550	#62-5383	#63-5714	#64-5708	#65-5688	#66-5450	#67-5337	#68-5332	#69-5630	#70-5306
#71-5274	#72-5716	#73-5433	#74-5353	#75-5453	#76-5317	#77-5499	#78-5591	#79-5588	#80-5304
#81-5686	#82-5577	#83-5336	#84-5282	#85-5662	#86-5377	#87-5297	#88-5567	#89-5569	#90-5419
#91-5372	#92-5405	#93-5260	#94-5280	#95-5579	#96-5301	#97-5481	#98-5313	#99-5527	#100-5435

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5299	#02-5303	#03-5324	#04-5692	#05-5485	#06-5339	#07-5411	#08-5255	#09-5357	#10-5452
#11-5495	#12-5421	#13-5386	#14-5621	#15-5423	#16-5656	#17-5513	#18-5684	#19-5285	#20-5312
#21-5462	#22-5579	#23-5593	#24-5365	#25-5673	#26-5292	#27-5463	#28-5448	#29-5359	#30-5524
#31-5502	#32-5316	#33-5391	#34-5287	#35-5276	#36-5682	#37-5695	#38-5617	#39-5683	#40-5406
#41-5564	#42-5645	#43-5547	#44-5708	#45-5598	#46-5383	#47-5405	#48-5369	#49-5693	#50-5354
#51-5492	#52-5557	#53-5698	#54-5444	#55-5434	#56-5269	#57-5443	#58-5640	#59-5672	#60-5531
#61-5722	#62-5652	#63-5717	#64-5355	#65-5719	#66-5583	#67-5396	#68-5543	#69-5326	#70-5630
#71-5623	#72-5517	#73-5542	#74-5689	#75-5418	#76-5289	#77-5307	#78-5329	#79-5390	#80-5419
#81-5260	#82-5484	#83-5568	#84-5567	#85-5675	#86-5424	#87-5293	#88-5459	#89-5282	#90-5315
#91-5554	#92-5603	#93-5259	#94-5395	#95-5400	#96-5288	#97-5415	#98-5651	#99-5325	#100-5486

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5392	#02-5304	#03-5274	#04-5600	#05-5615	#06-5452	#07-5581	#08-5483	#09-5707	#10-5595
#11-5551	#12-5265	#13-5553	#14-5701	#15-5592	#16-5616	#17-5283	#18-5421	#19-5590	#20-5680
#21-5712	#22-5336	#23-5540	#24-5490	#25-5298	#26-5658	#27-5715	#28-5381	#29-5569	#30-5557
#31-5342	#32-5640	#33-5331	#34-5579	#35-5621	#36-5400	#37-5417	#38-5568	#39-5555	#40-5458
#41-5484	#42-5572	#43-5257	#44-5301	#45-5508	#46-5430	#47-5419	#48-5533	#49-5396	#50-5382
#51-5480	#52-5460	#53-5450	#54-5531	#55-5404	#56-5693	#57-5360	#58-5567	#59-5519	#60-5591
#61-5352	#62-5388	#63-5288	#64-5459	#65-5350	#66-5472	#67-5371	#68-5695	#69-5466	#70-5577
#71-5284	#72-5718	#73-5445	#74-5390	#75-5328	#76-5489	#77-5706	#78-5488	#79-5431	#80-5709
#81-5437	#82-5327	#83-5607	#84-5440	#85-5525	#86-5425	#87-5653	#88-5666	#89-5307	#90-5251
#91-5286	#92-5433	#93-5694	#94-5408	#95-5683	#96-5297	#97-5562	#98-5655	#99-5516	#100-5627

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5425	#02-5456	#03-5335	#04-5264	#05-5614	#06-5694	#07-5379	#08-5699	#09-5280	#10-5409
#11-5367	#12-5676	#13-5685	#14-5577	#15-5635	#16-5672	#17-5671	#18-5292	#19-5524	#20-5533
#21-5575	#22-5723	#23-5376	#24-5313	#25-5681	#26-5358	#27-5646	#28-5547	#29-5634	#30-5441
#31-5594	#32-5304	#33-5645	#34-5424	#35-5431	#36-5708	#37-5439	#38-5410	#39-5289	#40-5697
#41-5653	#42-5276	#43-5256	#44-5432	#45-5482	#46-5258	#47-5715	#48-5498	#49-5260	#50-5351
#51-5520	#52-5380	#53-5302	#54-5426	#55-5329	#56-5271	#57-5307	#58-5505	#59-5297	#60-5556
#61-5315	#62-5563	#63-5540	#64-5511	#65-5395	#66-5651	#67-5510	#68-5252	#69-5551	#70-5605
#71-5549	#72-5717	#73-5669	#74-5299	#75-5449	#76-5350	#77-5656	#78-5298	#79-5623	#80-5339
#81-5323	#82-5649	#83-5662	#84-5372	#85-5255	#86-5628	#87-5418	#88-5353	#89-5508	#90-5346
#91-5686	#92-5417	#93-5616	#94-5451	#95-5471	#96-5569	#97-5571	#98-5503	#99-5565	#100-5517

Type 6 #27 [Back to Summary]

This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5553	#02-5352	#03-5477	#04-5433	#05-5384	#06-5697	#07-5583	#08-5405	#09-5365	#10-5507
#11-5416	#12-5474	#13-5467	#14-5388	#15-5343	#16-5389	#17-5272	#18-5313	#19-5407	#20-5469
#21-5627	#22-5509	#23-5587	#24-5550	#25-5303	#26-5348	#27-5722	#28-5603	#29-5337	#30-5452
#31-5369	#32-5498	#33-5530	#34-5345	#35-5559	#36-5619	#37-5546	#38-5493	#39-5446	#40-5495
#41-5353	#42-5534	#43-5563	#44-5519	#45-5667	#46-5399	#47-5537	#48-5358	#49-5331	#50-5430
#51-5548	#52-5439	#53-5408	#54-5298	#55-5651	#56-5568	#57-5615	#58-5608	#59-5599	#60-5585
#61-5527	#62-5278	#63-5305	#64-5296	#65-5700	#66-5661	#67-5293	#68-5508	#69-5504	#70-5592
#71-5637	#72-5366	#73-5342	#74-5670	#75-5318	#76-5607	#77-5628	#78-5535	#79-5613	#80-5521
#81-5631	#82-5655	#83-5340	#84-5482	#85-5418	#86-5716	#87-5254	#88-5663	#89-5412	#90-5572
#91-5634	#92-5551	#93-5505	#94-5472	#95-5692	#96-5462	#97-5575	#98-5561	#99-5294	#100-5496

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To: FCC CFR 47 Part 15 Subpart E 15.407
Serial #: HPEN96-U12_DFS Rev A
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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5656	#02-5558	#03-5623	#04-5546	#05-5250	#06-5427	#07-5313	#08-5696	#09-5255	#10-5371
#11-5402	#12-5366	#13-5609	#14-5429	#15-5599	#16-5517	#17-5491	#18-5629	#19-5342	#20-5270
#21-5252	#22-5540	#23-5562	#24-5412	#25-5570	#26-5640	#27-5416	#28-5291	#29-5288	#30-5685
#31-5294	#32-5583	#33-5332	#34-5569	#35-5550	#36-5584	#37-5432	#38-5663	#39-5709	#40-5508
#41-5662	#42-5545	#43-5383	#44-5355	#45-5283	#46-5619	#47-5307	#48-5319	#49-5682	#50-5677
#51-5552	#52-5493	#53-5721	#54-5460	#55-5701	#56-5334	#57-5261	#58-5271	#59-5658	#60-5295
#61-5327	#62-5543	#63-5284	#64-5290	#65-5603	#66-5264	#67-5424	#68-5309	#69-5690	#70-5357
#71-5486	#72-5315	#73-5720	#74-5428	#75-5306	#76-5464	#77-5382	#78-5397	#79-5706	#80-5615
#81-5336	#82-5630	#83-5505	#84-5325	#85-5434	#86-5588	#87-5607	#88-5455	#89-5578	#90-5698
#91-5487	#92-5254	#93-5499	#94-5536	#95-5321	#96-5405	#97-5604	#98-5260	#99-5716	#100-5542

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5403	#02-5486	#03-5501	#04-5603	#05-5599	#06-5676	#07-5405	#08-5715	#09-5637	#10-5503
#11-5689	#12-5418	#13-5401	#14-5542	#15-5578	#16-5362	#17-5384	#18-5724	#19-5310	#20-5470
#21-5372	#22-5494	#23-5392	#24-5516	#25-5702	#26-5518	#27-5348	#28-5605	#29-5344	#30-5439
#31-5622	#32-5313	#33-5295	#34-5453	#35-5693	#36-5327	#37-5612	#38-5302	#39-5316	#40-5624
#41-5543	#42-5326	#43-5711	#44-5452	#45-5315	#46-5406	#47-5604	#48-5435	#49-5367	#50-5626
#51-5420	#52-5633	#53-5710	#54-5330	#55-5525	#56-5620	#57-5577	#58-5314	#59-5317	#60-5355
#61-5339	#62-5610	#63-5284	#64-5290	#65-5361	#66-5258	#67-5375	#68-5305	#69-5595	#70-5574
#71-5716	#72-5283	#73-5448	#74-5465	#75-5600	#76-5504	#77-5412	#78-5544	#79-5341	#80-5443
#81-5532	#82-5449	#83-5297	#84-5479	#85-5259	#86-5347	#87-5700	#88-5521	#89-5570	#90-5395
#91-5680	#92-5359	#93-5500	#94-5364	#95-5288	#96-5495	#97-5520	#98-5635	#99-5265	#100-5701

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This table contains a list of 100 hop frequencies, randomly selected from 5250-5724MHz in 1MHz steps

#01-5666	#02-5538	#03-5668	#04-5480	#05-5519	#06-5260	#07-5667	#08-5572	#09-5554	#10-5533
#11-5555	#12-5610	#13-5548	#14-5345	#15-5430	#16-5360	#17-5693	#18-5307	#19-5651	#20-5619
#21-5454	#22-5417	#23-5394	#24-5636	#25-5485	#26-5506	#27-5354	#28-5545	#29-5532	#30-5516
#31-5629	#32-5468	#33-5265	#34-5320	#35-5537	#36-5445	#37-5661	#38-5591	#39-5510	#40-5627
#41-5376	#42-5550	#43-5669	#44-5479	#45-5464	#46-5399	#47-5340	#48-5524	#49-5297	#50-5487
#51-5497	#52-5499	#53-5393	#54-5282	#55-5720	#56-5263	#57-5631	#58-5371	#59-5289	#60-5287
#61-5337	#62-5594	#63-5478	#64-5709	#65-5424	#66-5351	#67-5601	#68-5391	#69-5717	#70-5630
#71-5291	#72-5568	#73-5691	#74-5255	#75-5292	#76-5679	#77-5455	#78-5258	#79-5469	#80-5318
#81-5547	#82-5288	#83-5302	#84-5595	#85-5604	#86-5505	#87-5509	#88-5338	#89-5646	#90-5582
#91-5710	#92-5592	#93-5356	#94-5350	#95-5670	#96-5517	#97-5458	#98-5549	#99-5315	#100-5715

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