

DFS Test Report

Report No.: RF140910C20A-1

FCC ID: E2K-APL270B1

Test Model: APL27-0B1

Received Date: Sep. 10, 2014

Test Date: May 11 ~ May 15, 2015

Issued Date: May 19, 2015

Applicant: Dell Inc.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

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Table of Contents

Release Control Record	3
1 Certificate of Conformity	4
2 EUT Information	5
2.1 Operating Frequency Bands and Mode of EUT	5
2.2 EUT Software and Firmware Version	5
2.3 Description Of Available Antennas to The EUT	5
2.4 EUT Maximum Conducted Power	6
2.5 EUT Maximum E.I.R.P. Power	7
2.6 Transmit Power Control (TPC)	8
2.7 Statement of Manufacturer	8
3. U-NII DFS Rule Requirements	9
3.1 Working Modes and Required Test Items	9
3.2 Test Limits And Radar Signal Parameters	10
4. Test & Support Equipment List	12
4.1 Test Instruments	12
4.2 Description of Support Units	12
5. Test Procedure	13
5.1 ADT DFS Measurement System	13
5.2 Calibration of DFS Detection Threshold Level	14
5.3 Deviation From Test Standard	14
5.4 Radiated Test Setup Configuration	15
5.4.1 Master Mode	15
6. Test Results	16
6.1 Summary of Test Results	16
6.2 Test Results	17
6.2.1 Test Mode: Device Operating In Master Mode	17
6.2.2 U-NII Detection Bandwidth	21
6.2.3 Channel Availability Check Time	28
6.2.4 Channel Closing Transmission and Channel Move Time	30
6.2.5 Non- Occupancy Period	40
6.2.6 Uniform Spreading	43
6.2.7 Transmit Power Control (TPC)	43
7. Information on The Testing Laboratories	44



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Release Control Record

Issue No.	Description	Date Issued
RF140910C20A-1	Original release.	May 19, 2015

1 Certificate of Conformity

Product: Wireless Access Point

Brand: Dell, Dell Sonicwall, Sonicwall

Test Model: APL27-0B1

Sample Status: Engineering sample

Applicant: Dell Inc.

Test Date: May 11 ~ May 15, 2015

Standards: FCC Part 15, Subpart E (Section 15.407)

KDB 905462 D01

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by :


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Date:

May 19, 2015

Approved by :


Ken Liu / Senior Manager

Date:

May 19, 2015

2 EUT Information

2.1 Operating Frequency Bands and Mode of EUT

TABLE 1: OPERATING FREQUENCY BANDS AND MODE OF EUT

Operational Mode	Operating Frequency Range	
	5250~5350MHz	5470~5725MHz
Master	✓	✓

*The EUT has disabled the 5600 ~ 5650 MHz band

2.2 EUT Software and Firmware Version

Table 2: The Eut Software/Firmware Version

No.	Product	Model No.	Software/Firmware Version
1	Wireless Access Point	APL27-0B1	Firmware Version: SonicOS 8.8.8.8-11o

2.3 Description Of Available Antennas to The EUT

Table 3: Antenna List

ANT No.	Antenna Type	Operation Frequency Range (MHz)	MAX. Gain (dBi)
1	PIFA	5250-5350	5.89
1	PIFA	5470-5725	6.09
2	PIFA	5250-5350	5.97
2	PIFA	5470-5725	5.94
3	PIFA	5250-5350	6.04
3	PIFA	5470-5725	5.14

ANT No.	Antenna Type	Operation Frequency Range (MHz)	MIN. Gain (dBi)
1	PIFA	5250-5350	5.25
1	PIFA	5470-5725	5.89
2	PIFA	5250-5350	5.66
2	PIFA	5470-5725	5.66
3	PIFA	5250-5350	5.76
3	PIFA	5470-5725	4.94

2.4 EUT Maximum Conducted Power

Table 4: The Measured Conducted Output Power

802.11a

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	16.73	47.105
1	5470~5725	18.80	75.858

802.11n HT20

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	16.39	43.533
1	5470~5725	20.18	104.146

802.11n HT40

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	16.79	47.726
1	5470~5725	23.28	212.823

802.11ac VHT80

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	16.32	42.884
1	5470~5725	17.85	60.903

2.5 EUT Maximum E.I.R.P. Power

Table 5: The Eirp Output Power List

802.11a

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	22.77	189.234
1	5470~5725	24.89	308.319

802.11n HT20

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	22.43	174.985
1	5470~5725	26.27	423.643

802.11n HT40

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	22.83	191.867
1	5470~5725	29.37	864.968

802.11ac VHT80

ANT No.	Frequency Band (MHz)	MAX. Power	
		Output Power(dBm)	Output Power(mW)
1	5250~5350	22.36	172.187
1	5470~5725	23.94	247.742

2.6 Transmit Power Control (TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 864.968 mW which is higher than 500mW, therefore it's require TPC function, the TPC can control power level below 24dBm automatically when conditions allowed.

2.7 Statement of Manufacturer

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user. **And the device doesn't have Ad Hoc mode on DFS frequency band.**

3. U-NII DFS Rule Requirements

3.1 Working Modes and Required Test Items

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 6 and 7 for the applicability of DFS requirements for each of the operational modes.

Table 6: Applicability of DFS Requirements Prior To Use a Channel

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	Not required	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

Table 7: Applicability of DFS Requirements During Normal Operation.

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
DFS Detection Threshold	✓	Not required	✓
Channel Closing Transmission Time	✓	✓	✓
Channel Move Time	✓	✓	✓
U-NII Detection Bandwidth	✓	Not required	✓

3.2 Test Limits And Radar Signal Parameters

Detection Threshold Values

Table 8: DFS Detection Thresholds For Master Devices And Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 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.

Table 9: 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: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:

- For the Short Pulse Radar Test Signals this instant is the end of the Burst.
- For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated.
- For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform.

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 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Parameters of DFS Test Signals

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.

Table 10: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
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

Table 11: Long Pulse Radar Test Waveform

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

Table 12: 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 Number of Trials
6	1	333	9	0.333	300	70%	30

4. Test & Support Equipment List

4.1 Test Instruments

Table 13: Test Instruments List

Description & Manufacturer	Model No.	Brand	Date Of Calibration	Due Date Of Calibration
R&S Spectrum analyzer	FSP40	R&S	2015/01/14	2016/01/13
Signal generator	8645A	Agilent	2014/06/24	2015/06/23

4.2 Description of Support Units

Table 14: Support Unit Information.

No.	Product	Brand	Model No.	FCC ID
1	Wireless-AC Mini USB Adapter	LINKSYS	AE6000	Q87-AE6000

NOTE: This device was functioned as a ☐ Master ☒ Slave device during the DFS test.

Table 15: Software/Firmware Information.

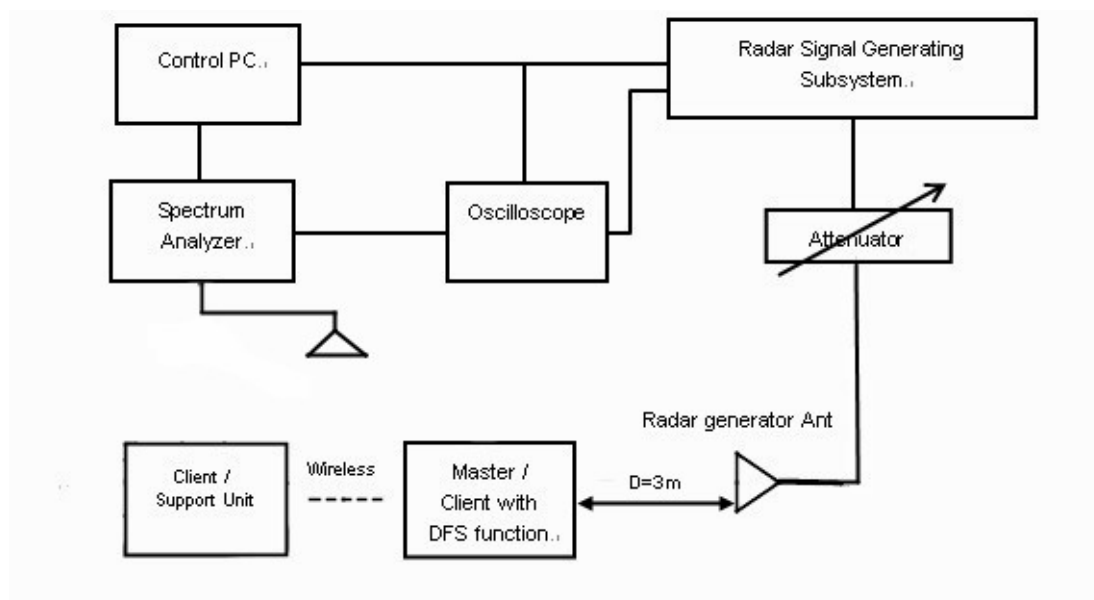
No.	Product	Model No.	Software/Firmware Version
1.	Router	DIR-868L	1.00

5. Test Procedure

5.1 ADT DFS Measurement System

A complete ADT DFS Measurement System consists of two subsystems: (1) the Radar Signal Generating Subsystem and (2) the Traffic Monitoring Subsystem. The control PC is necessary for generating the Radar waveforms in Table 10, 11 and 12. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

Radiated Setup Configuration of ADT DFS Measurement System

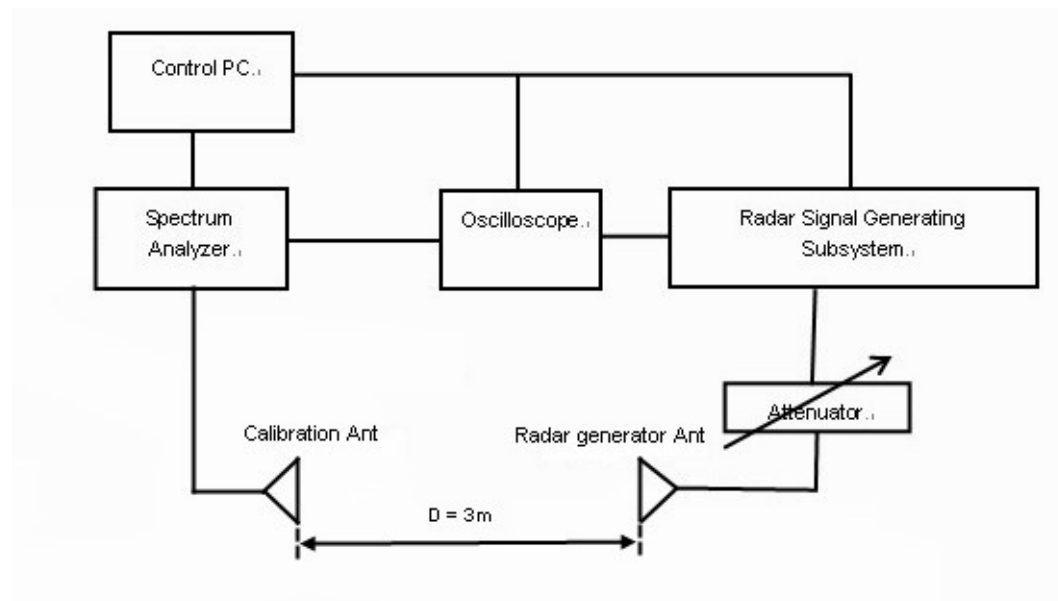


The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: <http://ntiacsd.ntia.doc.gov/dfs/>.

5.2 Calibration of DFS Detection Threshold Level

The measured channel is 5500MHz, 5510MHz and 5530MHz. The radar signal was the same as transmitted channels, and injected into the antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The calibrated conducted detection threshold level is set to -64dBm. The tested level is lower than required level hence it provides margin to the limit.

Radiated setup configuration of Calibration of DFS Detection Threshold Level

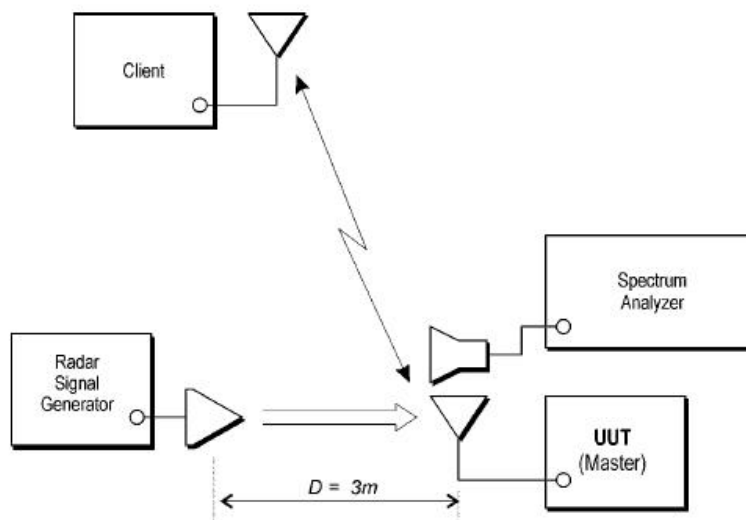


5.3 Deviation From Test Standard

No deviation.

5.4 Radiated Test Setup Configuration

5.4.1 Master Mode



The EUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

6. Test Results

6.1 Summary of Test Results

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Applicable	Pass
15.407	Channel Availability Check Time	Applicable	Pass
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non- Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Applicable	Pass
15.407	U-NII Detection Bandwidth	Applicable	Pass
15.407	Non-associated test	Applicable	Pass
15.407	Non-Co-Channel test	Applicable	Pass

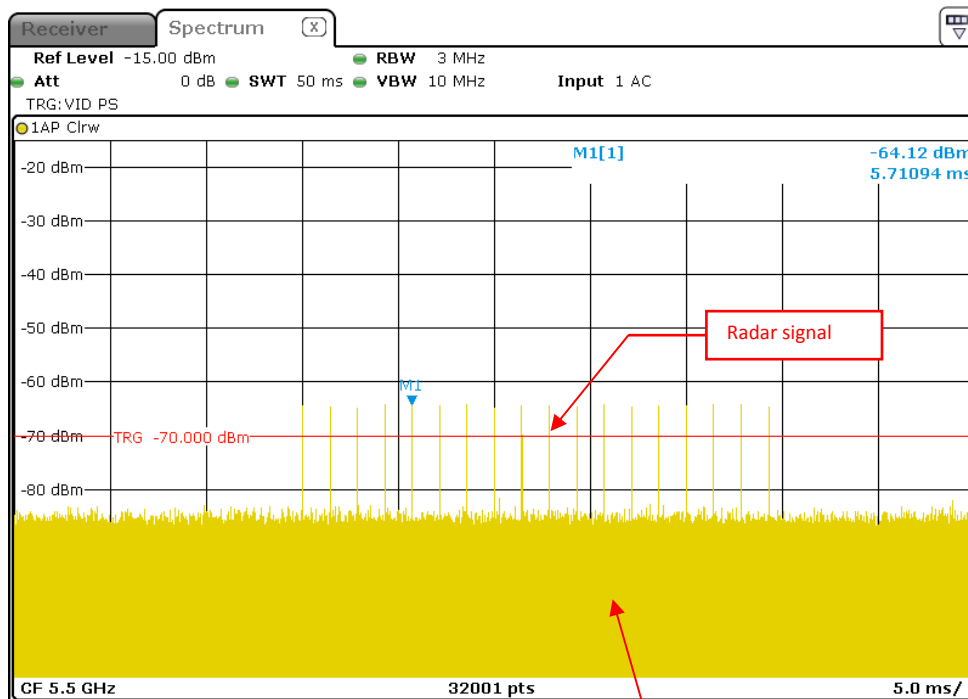
6.2 Test Results

6.2.1 Test Mode: Device Operating In Master Mode.

Master with injection at the Master. (Radar Test Waveforms are injected into the Master.)

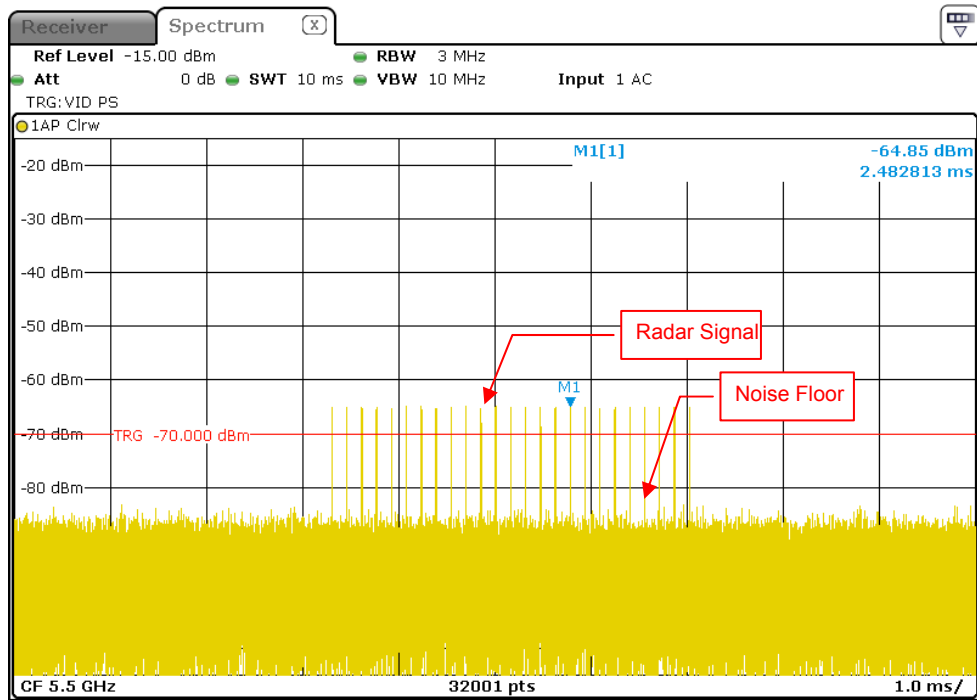
DFS Detection Threshold

For a detection threshold level of -64dBm, the required signal strength at EUT antenna location is -64 dBm. The tested level is lower than required level hence it provides margin to the limit.

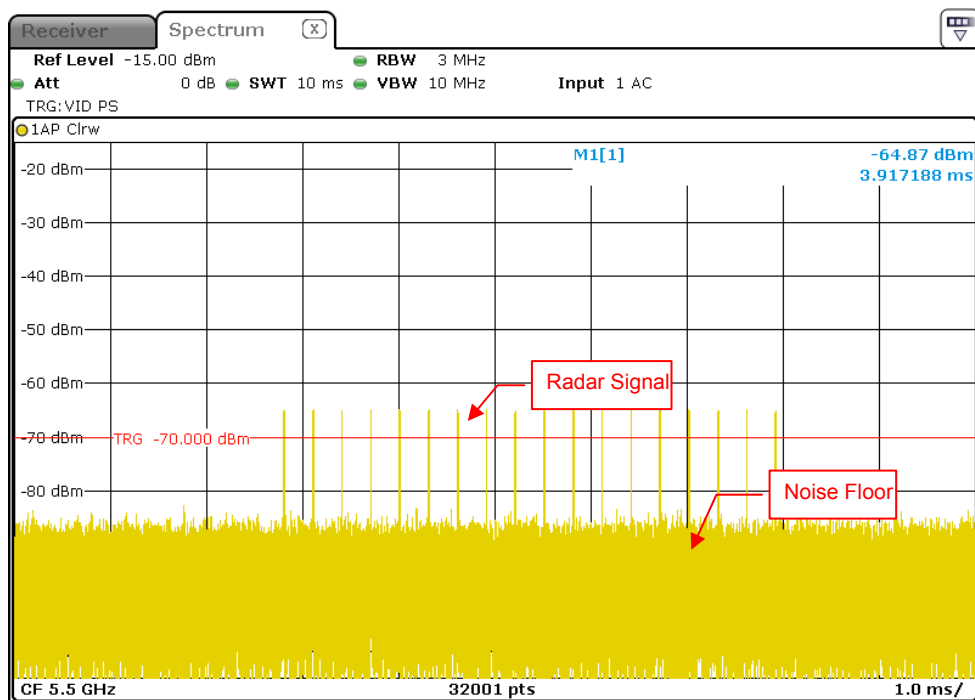


Radar Signal 1

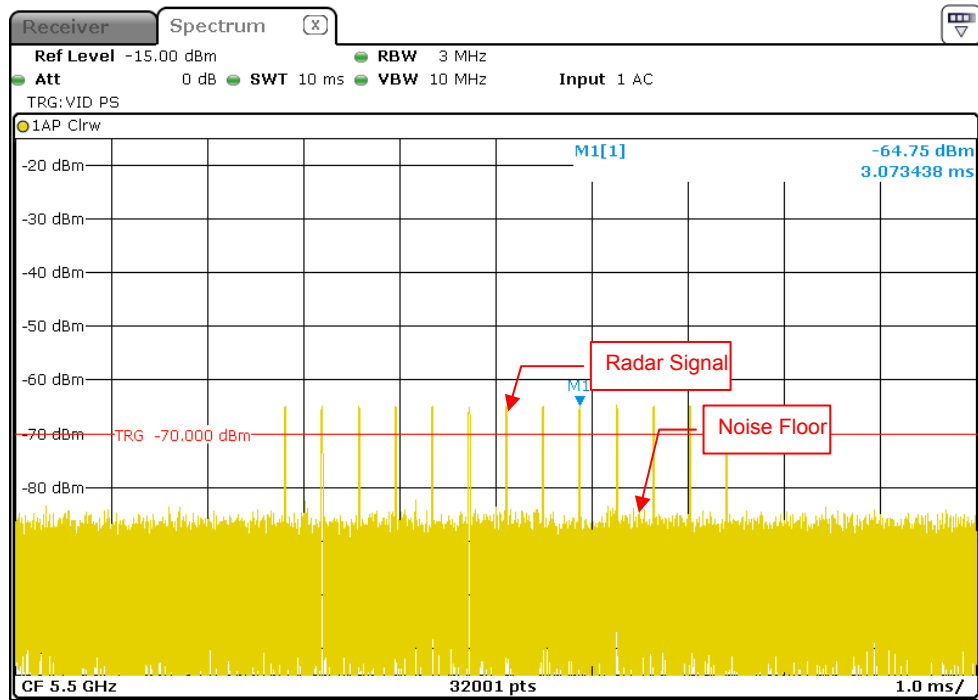
Noise Floor



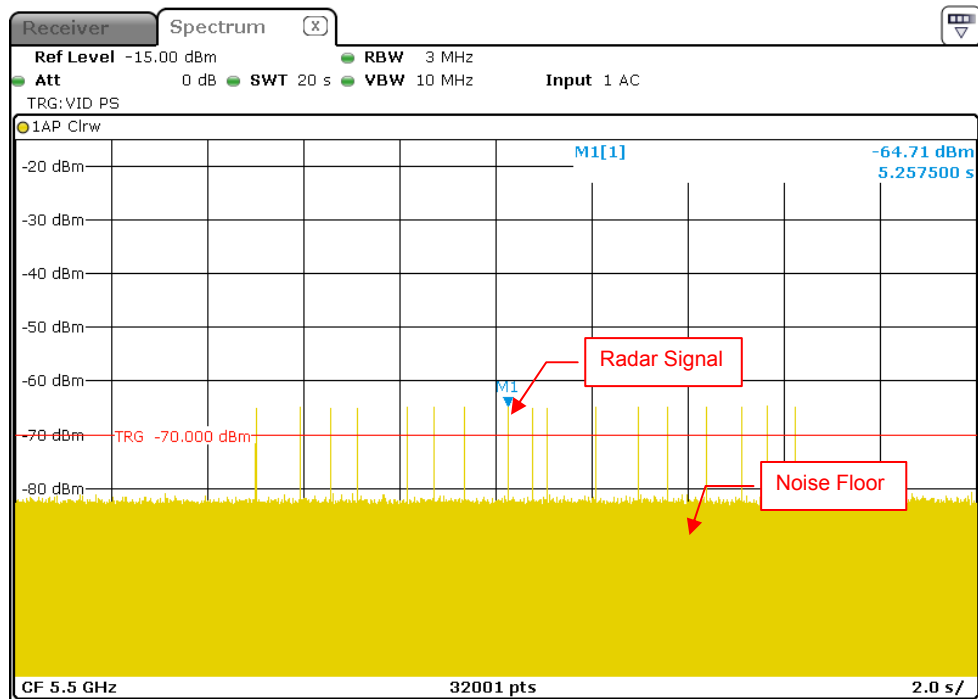
Radar Signal 2



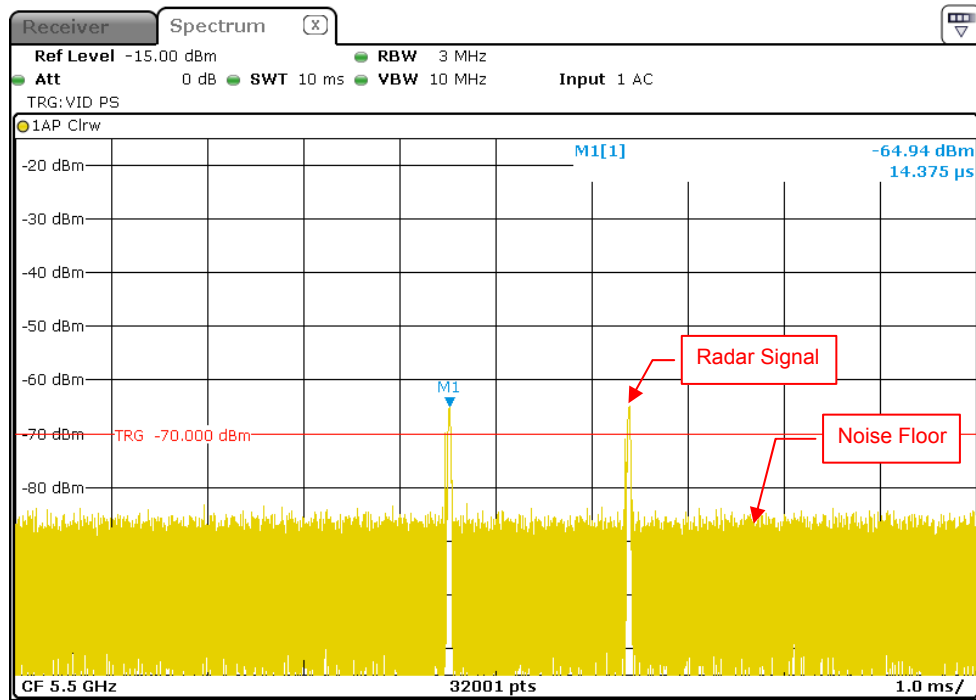
Radar Signal 3



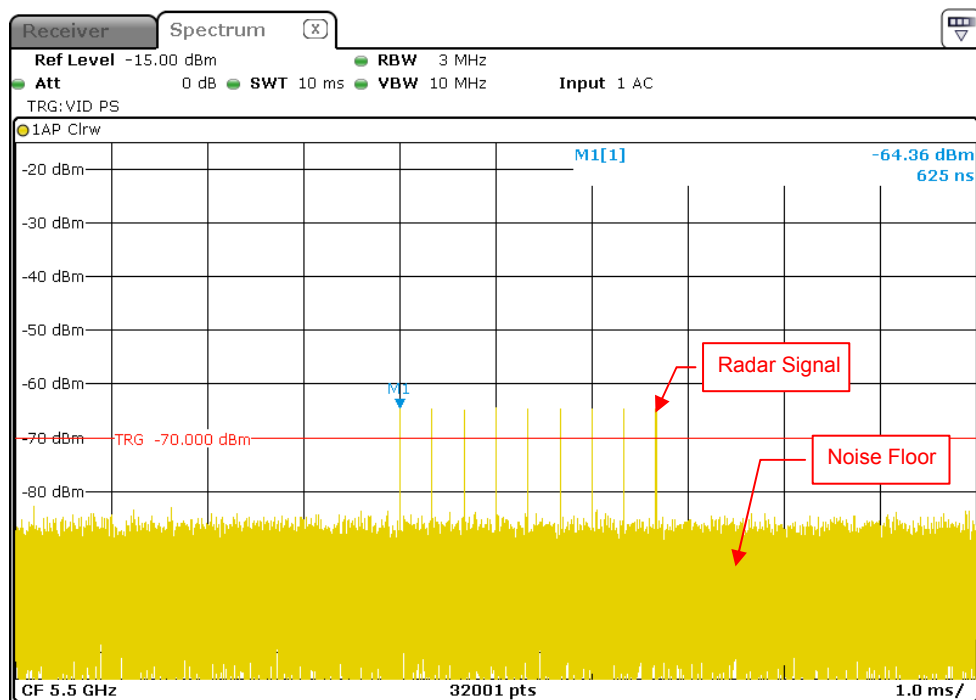
Radar Signal 4



Radar Signal 5



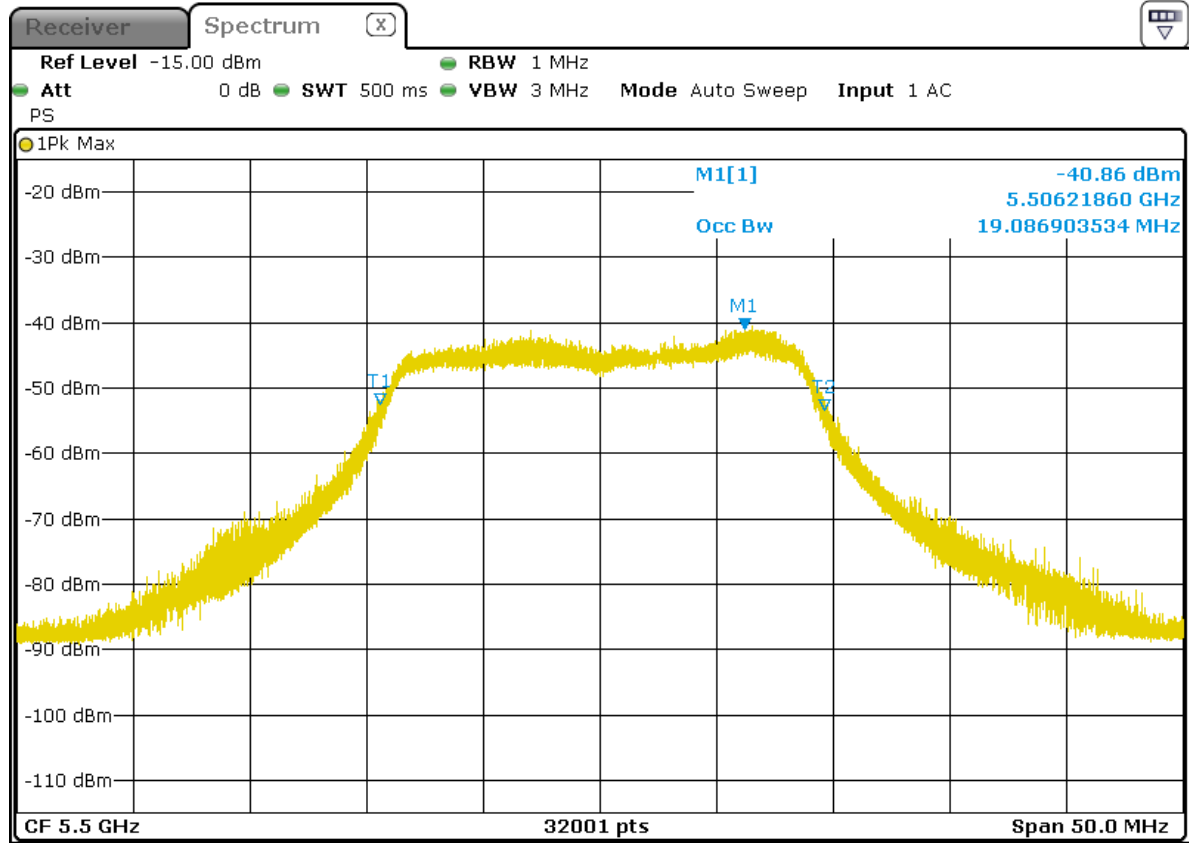
Single Burst of Radar Signal 5



Radar Signal 6

6.2.2 U-NII Detection Bandwidth

IEEE 802.11ac VHT20



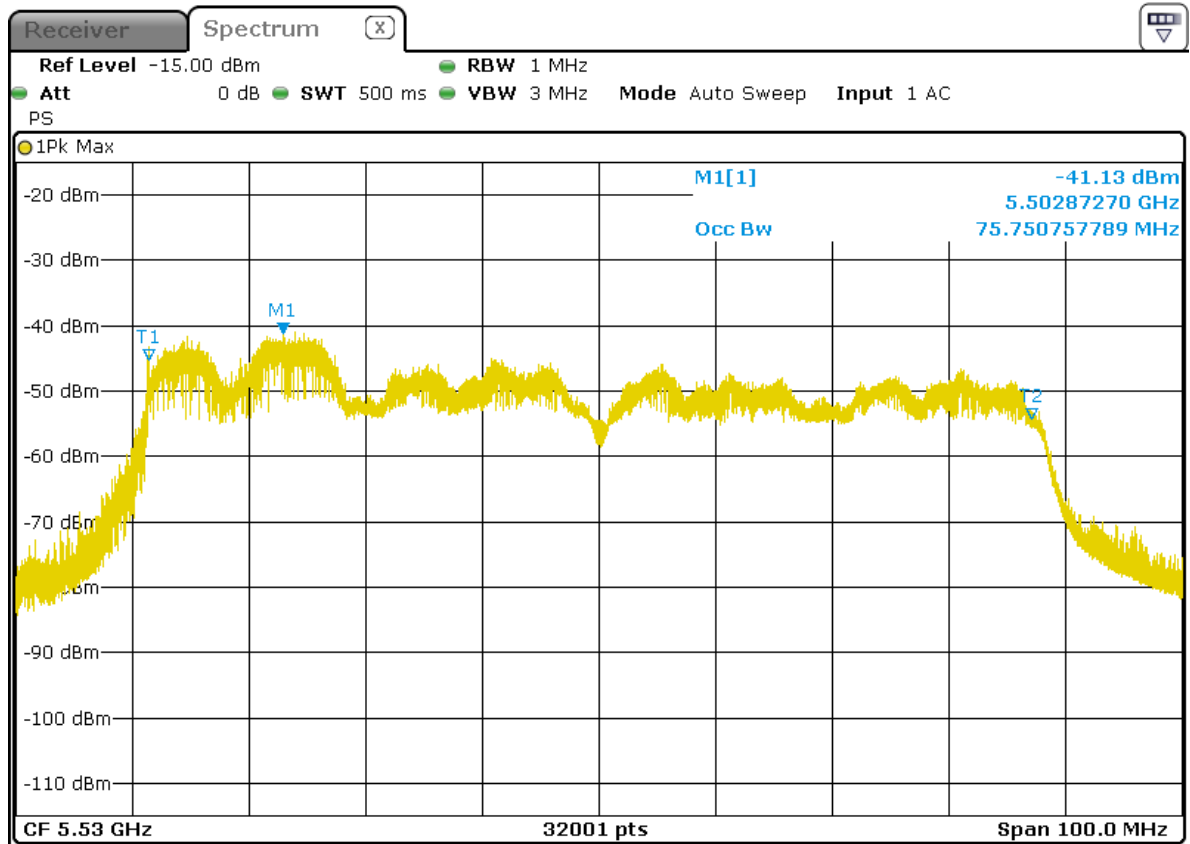
U-NII 99% Channel bandwidth

IEEE 802.11ac HT40



U-NII 99% Channel bandwidth

IEEE 802.11ac VHT80



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11ac 20MHz

EUT Frequency: 5500MHz

EUT 99% Power bandwidth: 19.08MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 15.264MHz

Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11ac 40MHz

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 36.73MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.384MHz

Detection bandwidth (5529(FH) – 5491(FL)) : 38MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	N	N	N	N	N	N	N	N	N	N	0
5491(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11ac 80MHz

EUT Frequency: 5530MHz

EUT 99% Power bandwidth: 75.75MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 60.6MHz

Detection bandwidth (5570(FH) – 5490(FL)) : 80MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5531	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5532	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5533	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5534	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100



5535	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5536	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5537	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5538	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5539	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5540	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5541	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5542	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5543	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5544	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5545	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5546	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5547	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5548	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5549	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5550	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5551	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5552	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5553	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5554	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5555	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5556	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5557	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5558	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5559	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5560	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5561	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5562	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5563	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5564	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5565	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5566	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5567	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5568	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5569	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5570(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5571	N	N	N	N	N	N	N	N	N	N	0

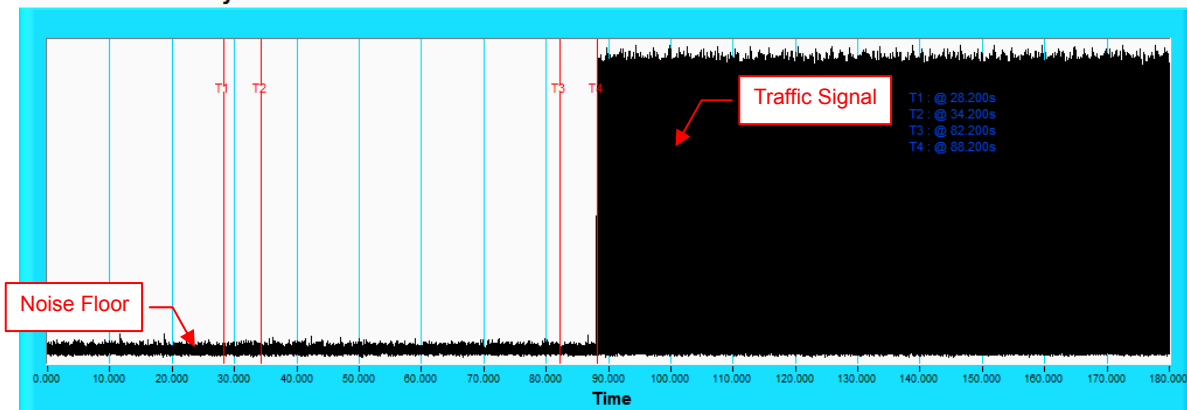
6.2.3 Channel Availability Check Time

If the EUT successfully detected the radar burst, it should be observed as the EUT has no transmissions occurred until the EUT starts transmitting on another channel.

Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time

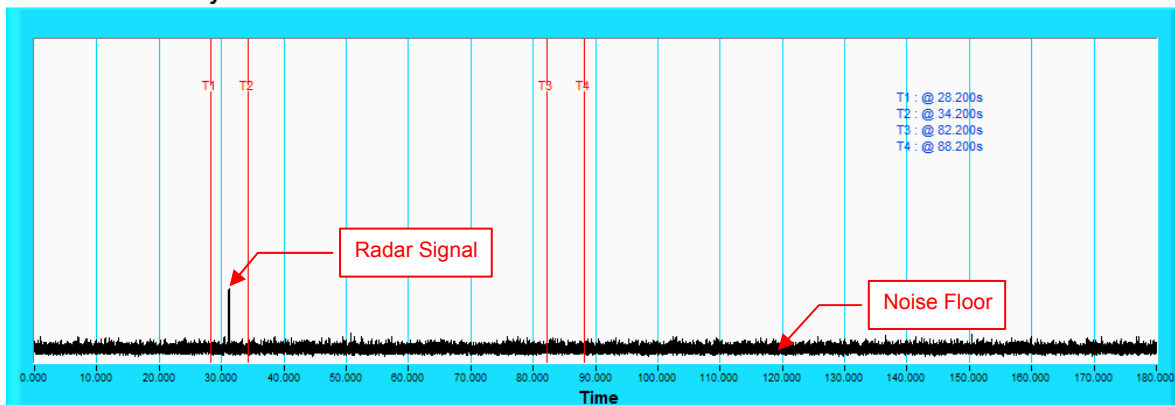
Channel Availability Check



NOTE: T1 denotes the end of power-up time period is 28.2th second. T4 denotes the end of Channel Availability Check time is 88.2th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time

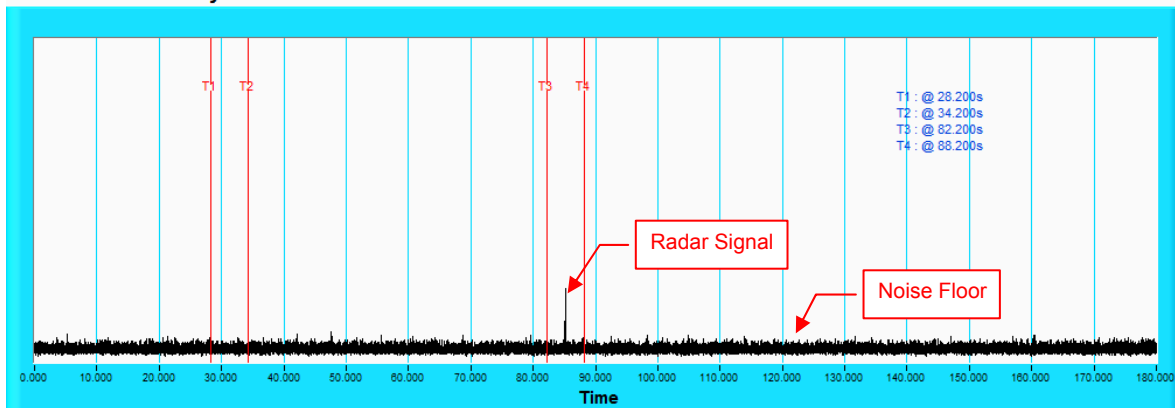
Channel Availability Check



NOTE: T1 denotes the end of power up time period is 28.2th second. T2 denotes 34.2th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 88.2th second.

Radar Burst at the End of the Channel Availability Check Time

Channel Availability Check



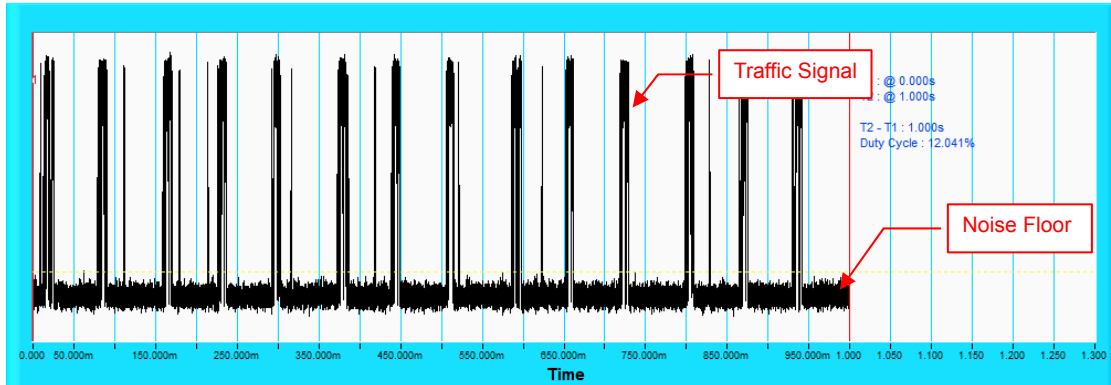
NOTE: T1 denotes the end of power up time period is 28.2th second. T3 denotes 82.2th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 88.2th second.

6.2.4 Channel Closing Transmission and Channel Move Time

Wireless Traffic Loading

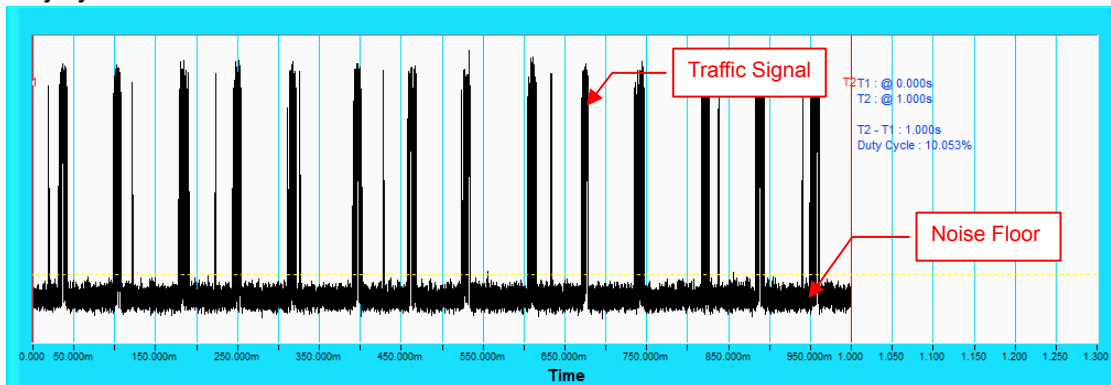
IEEE 802.11ac VHT20

Duty Cycle



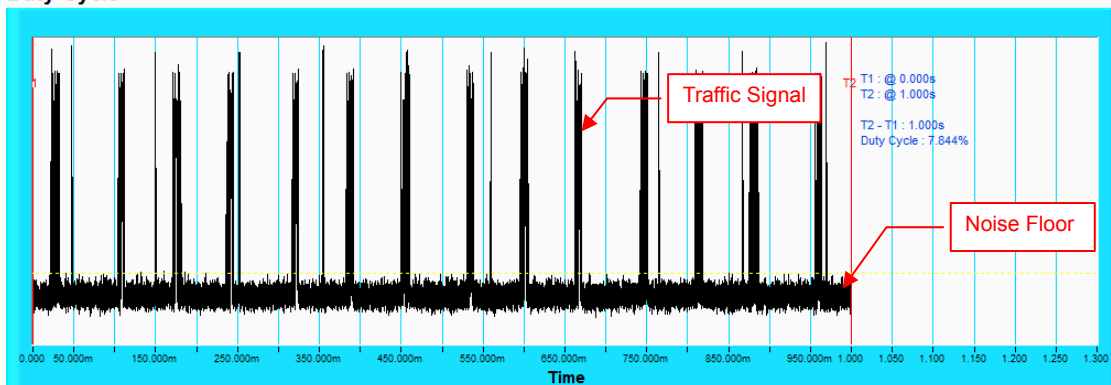
IEEE 802.11ac VHT40

Duty Cycle



IEEE 802.11ac VHT80

Duty Cycle



IEEE 802.11ac VHT20

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	83.3
3	6-10	200-500	16-18	30	90
4	11-20	200-500	12-16	30	86.7
Aggregate (Radar Types 1-4)				120	90

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	83.3

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	96.7

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ac VHT40

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	93.3
3	6-10	200-500	16-18	30	96.7
4	11-20	200-500	12-16	30	83.3
Aggregate (Radar Types 1-4)				120	93.325

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	86.7

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

IEEE 802.11ac VHT80

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	90
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	83.3
Aggregate (Radar Types 1-4)				120	85.85

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	83.3

Table 3: Frequency Hopping Radar Test Waveform

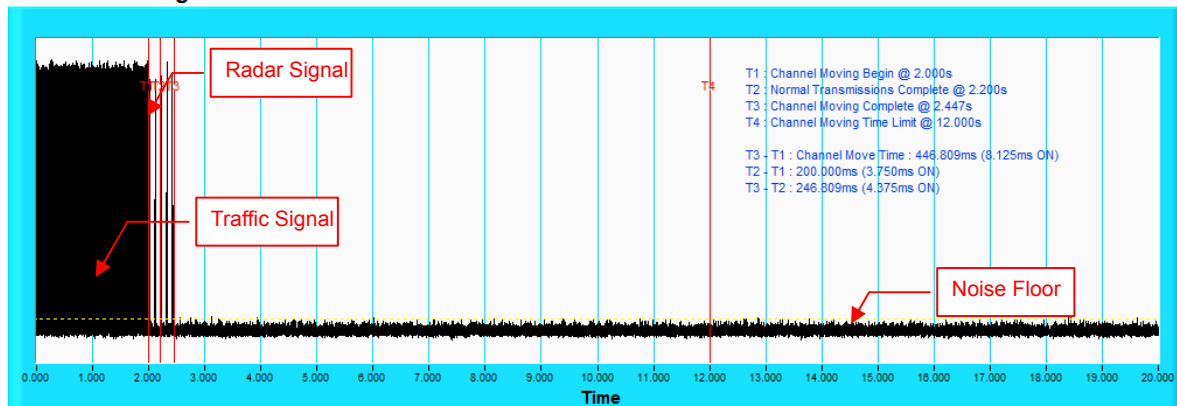
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

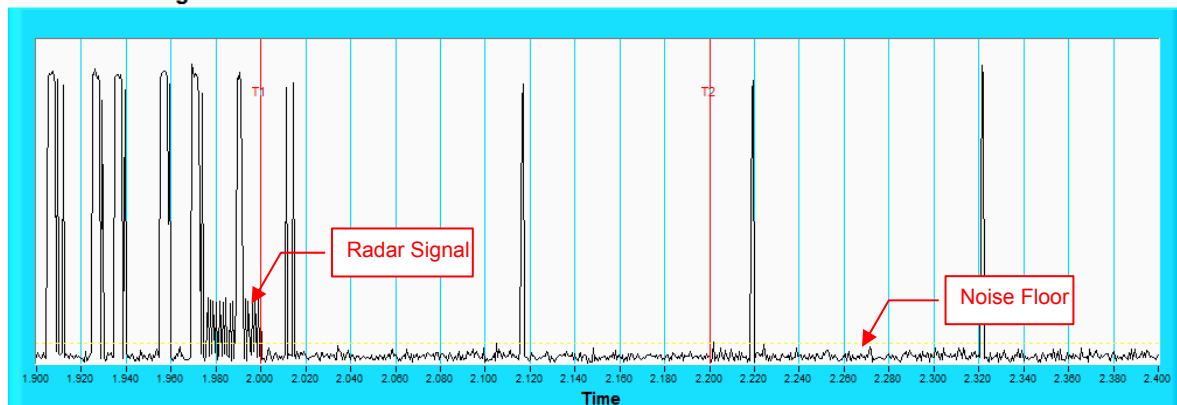
IEEE 802.11ac 20MHz

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

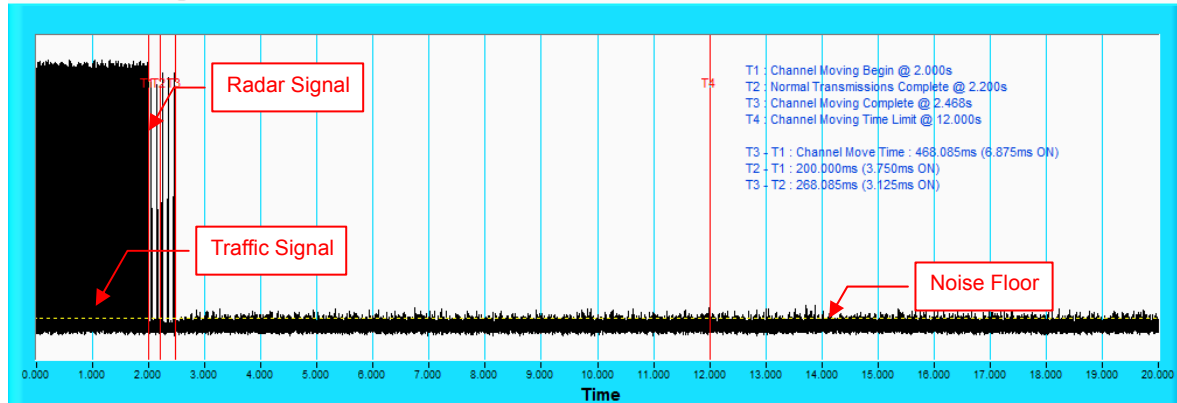


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

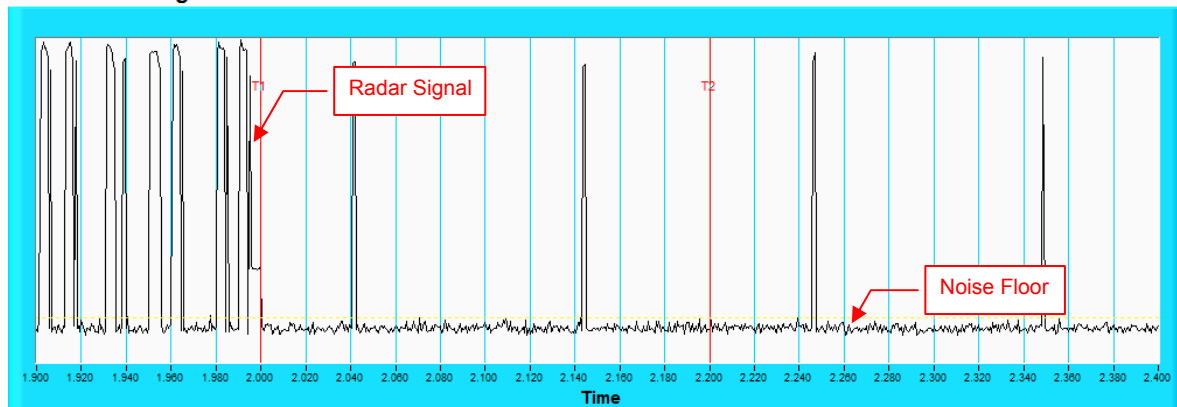
IEEE 802.11ac VHT20

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

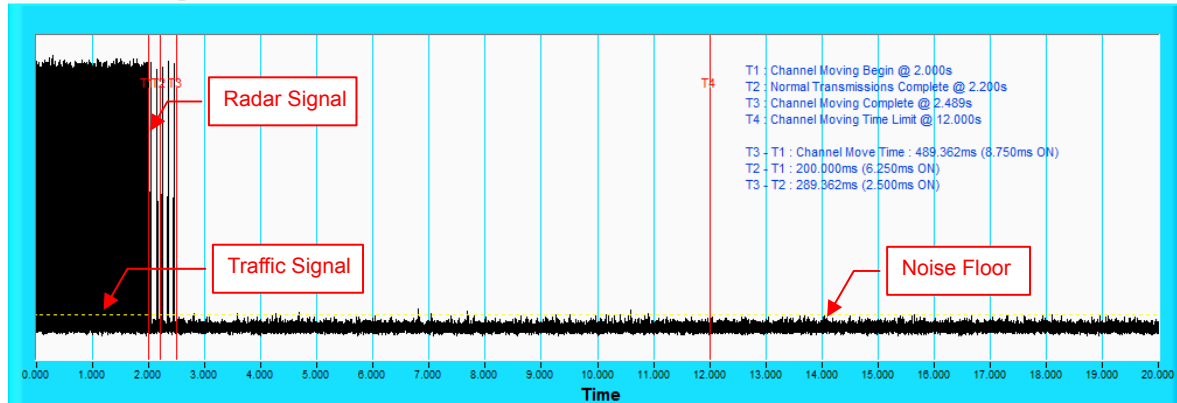


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

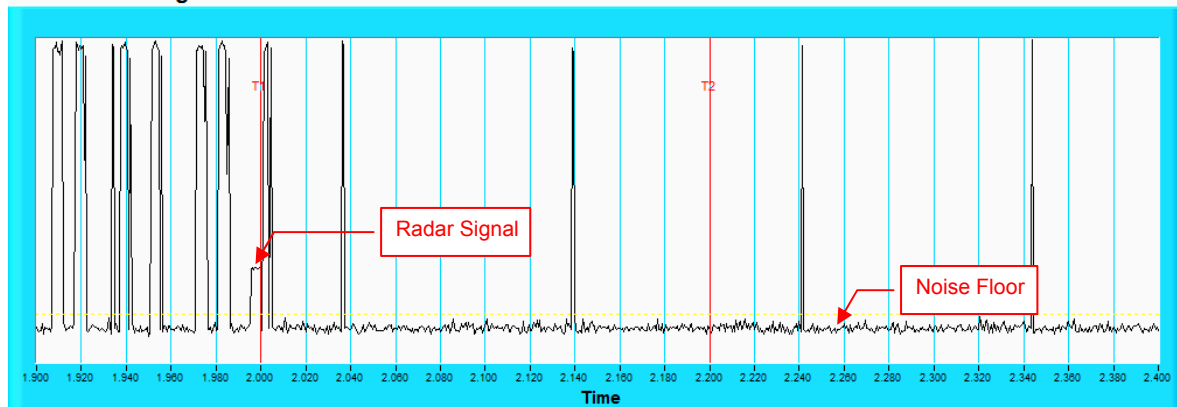
IEEE 802.11ac VHT20

Channel Closing Transmission Time & Channel Move Time



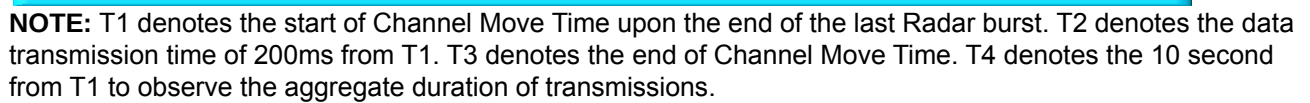
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



NOTE: Room-in of the first 500ms after radar signal applied.

Channel Closing Transmission Time & Channel Move Time

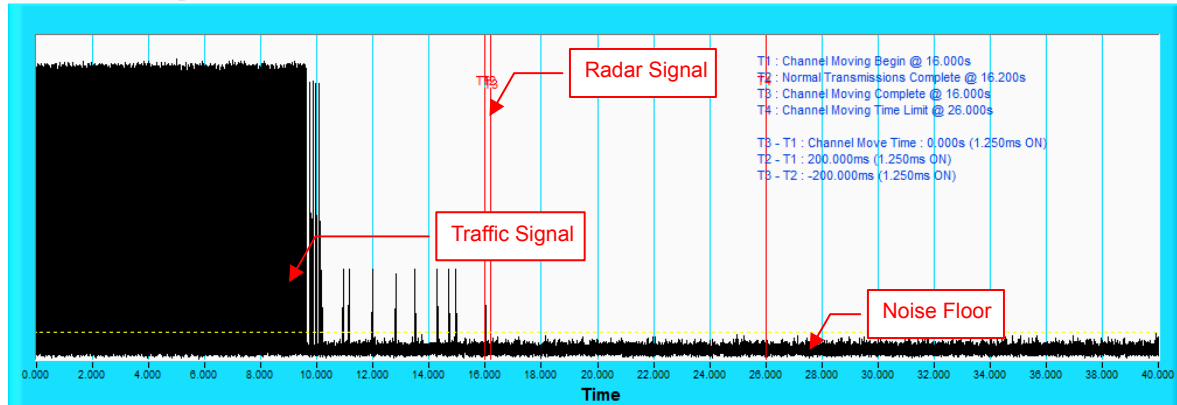


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5

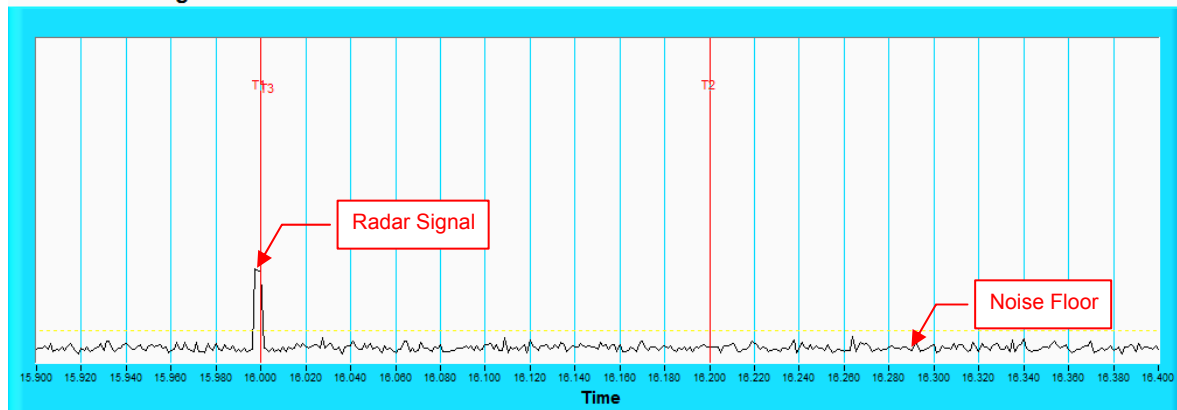
IEEE 802.11ac VHT20

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time

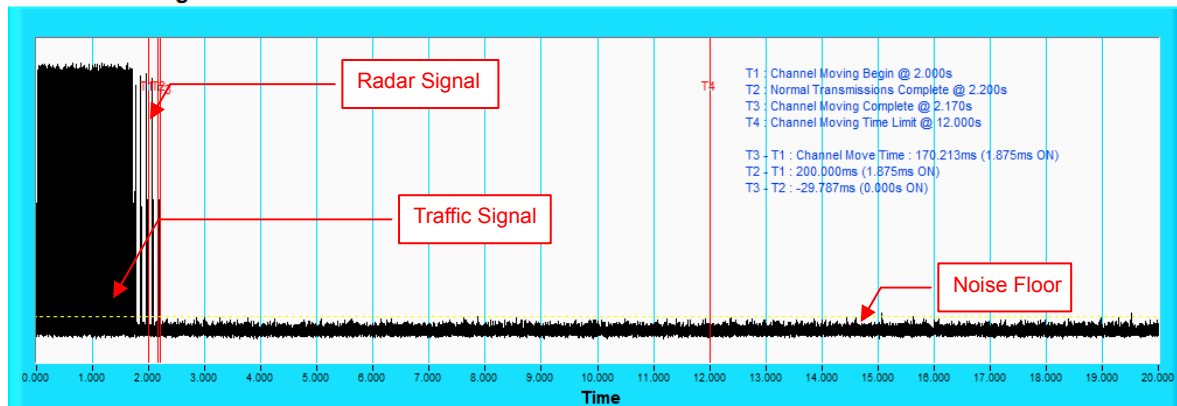


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 6

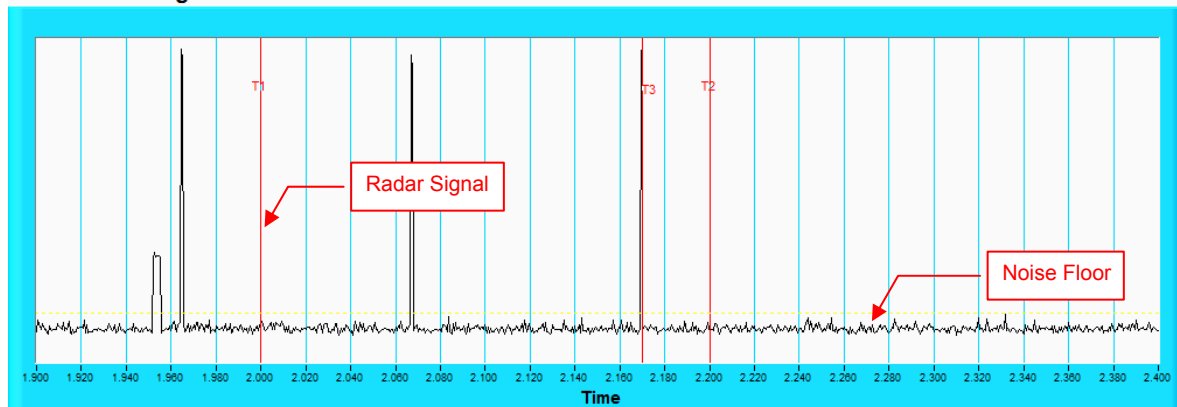
IEEE 802.11ac VHT20

Channel Closing Transmission Time & Channel Move Time



NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

Channel Closing Transmission Time & Channel Move Time



NOTE: Room-in of the first 500ms after radar signal applied.

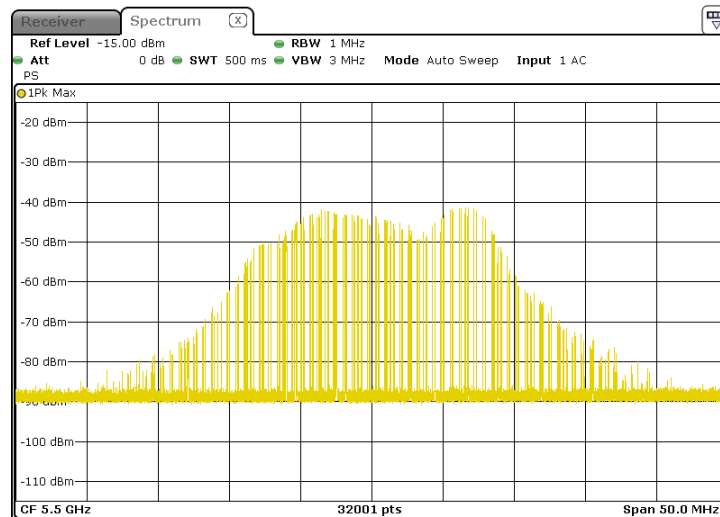
6.2.5 Non- Occupancy Period

Associate test:

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.

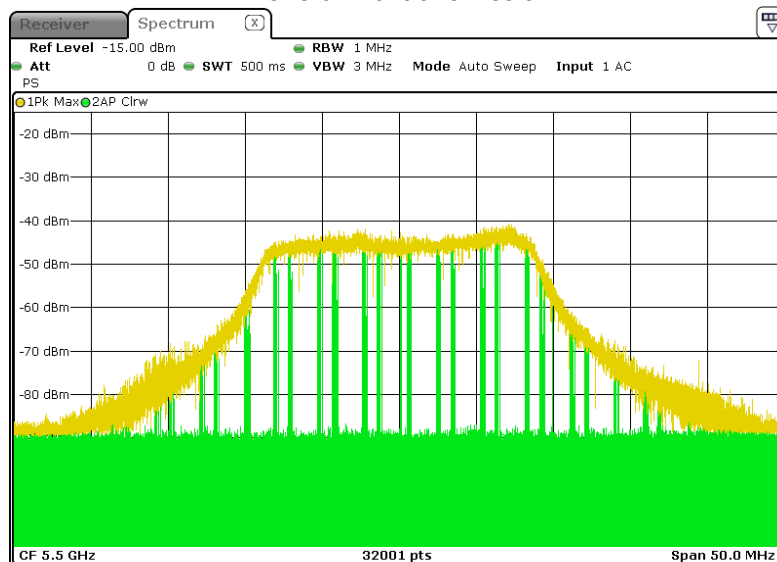
- 1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



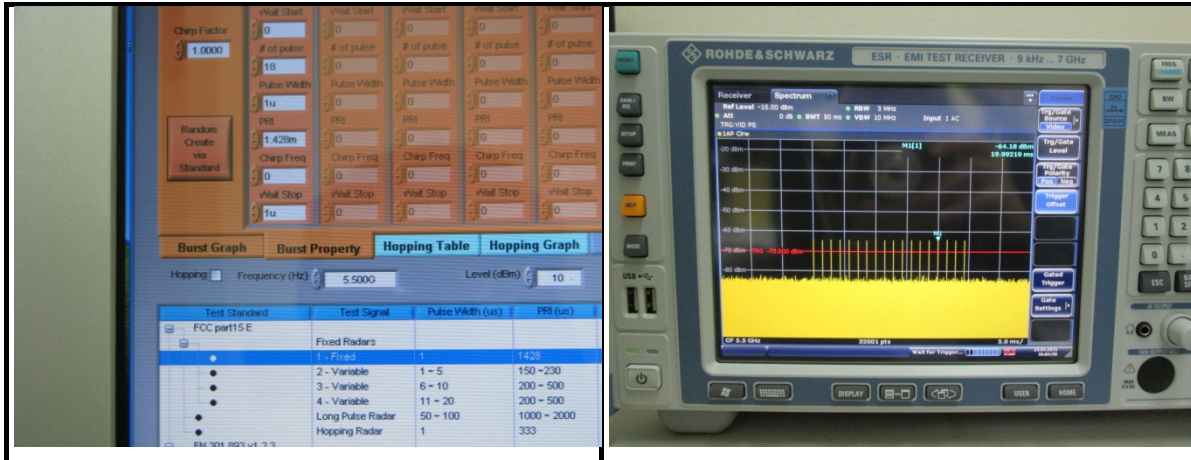
- 2) Client plays specified files via master.

Waveform of transmission



3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

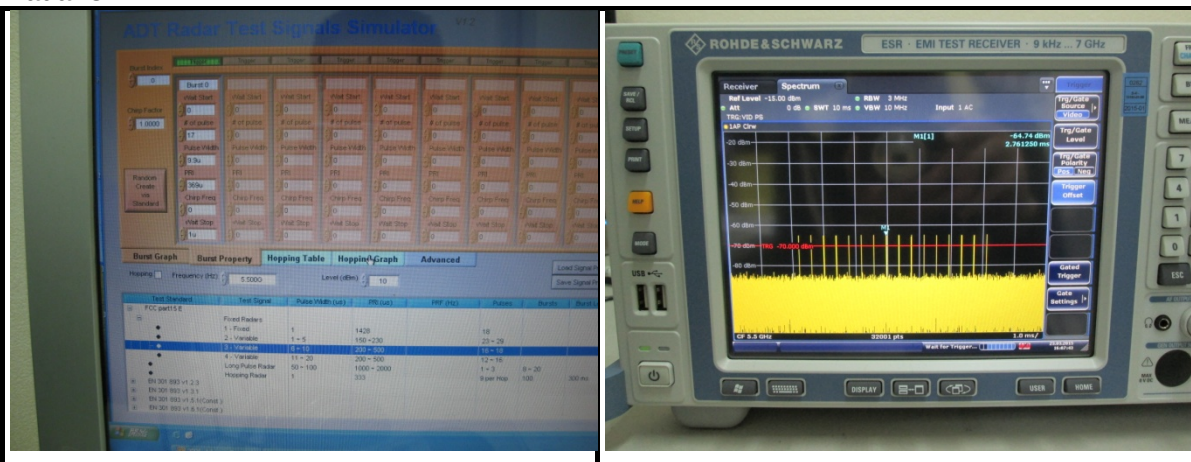
Radar 1



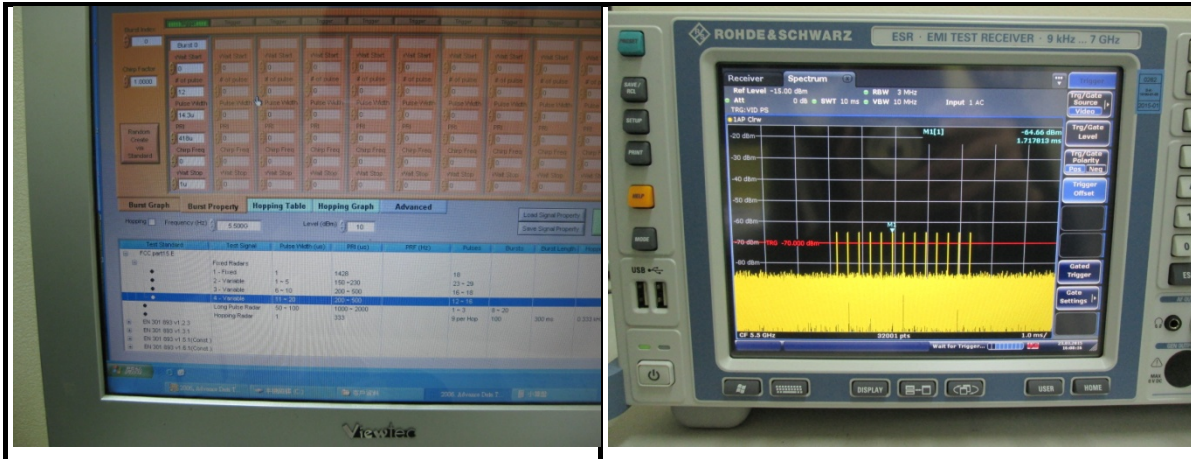
Radar 2



Radar 3



Radar 4



Radar 5



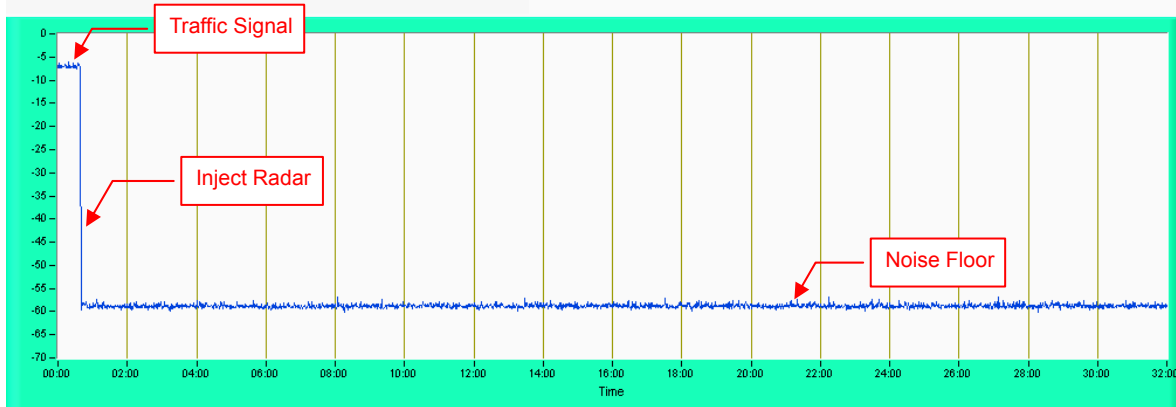
Radar 6



4) 5510MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11ac VHT20



NOTE: Test setup are shown on Test setup photo.pdf

6.2.6 Uniform Spreading

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT randomly select next output channel without any bias or fixed pattern, so that all channels in DFS bands (5250 to 5350MHz and 5470 to 5725 MHz) will be used equally.

6.2.7 Transmit Power Control (TPC)

TPC	E.I.R.P	FCC 15.407(h)(1)
√	> 500mW	The TPC mechanism is required for system with an E.I.R.P. of above 500mW
	< 500mW	The TPC mechanism is not required for system with an E.I.R.P. of less 500mW

NOTE: Transmit Power Control (TPC) is a mechanism to be used by the RLAN device to ensure a mitigation factor of at least 6 dB below the mean EIRP value of 30 dBm of devices.

The TPC provide from Manufacturers which the control software had been burned in the ROM can not modify by end-user.

7. Information on The Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab:

Tel: 886-3-5935343

Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Lab:

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

--- END ---

Annex-A

Annex A.1: The Detailed Radar pattern and Statistical Performance

IEEE 802.11ac 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 100.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	27	3.3u	187.0u	Yes
2	27	1.3u	177.0u	Yes
3	26	1.4u	194.0u	Yes
4	23	3.0u	168.0u	Yes
5	25	3.4u	158.0u	Yes
6	27	1.4u	191.0u	Yes
7	28	4.4u	150.0u	Yes
8	24	5.0u	176.0u	Yes
9	25	4.2u	179.0u	Yes
10	28	2.2u	151.0u	No
11	25	4.4u	186.0u	No
12	26	3.0u	173.0u	Yes
13	26	1.3u	168.0u	Yes
14	25	2.5u	185.0u	Yes
15	23	2.1u	193.0u	Yes
16	27	4.5u	219.0u	Yes
17	27	1.0u	193.0u	Yes
18	28	3.0u	163.0u	Yes
19	24	3.7u	174.0u	Yes
20	23	1.6u	220.0u	Yes
21	26	3.0u	168.0u	Yes
22	23	4.4u	190.0u	No
23	26	4.6u	185.0u	Yes
24	26	3.2u	156.0u	Yes
25	28	2.6u	190.0u	No
26	24	4.3u	178.0u	No
27	27	2.1u	221.0u	Yes
28	27	1.2u	177.0u	Yes
29	28	3.8u	186.0u	Yes
30	27	4.8u	172.0u	Yes
Detection Rate: 83.3 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	8.4u	379.0u	Yes
2	17	8.0u	237.0u	Yes
3	17	9.0u	368.0u	Yes
4	16	9.6u	370.0u	Yes
5	17	7.6u	286.0u	Yes
6	16	7.6u	446.0u	Yes
7	16	9.7u	351.0u	Yes
8	17	8.3u	201.0u	Yes
9	16	9.6u	322.0u	Yes
10	16	9.7u	247.0u	Yes
11	18	6.9u	459.0u	Yes
12	16	7.1u	241.0u	Yes
13	16	8.1u	399.0u	Yes
14	17	9.5u	400.0u	Yes
15	17	9.3u	465.0u	Yes
16	17	10.0u	276.0u	Yes
17	18	6.2u	355.0u	Yes
18	17	7.5u	398.0u	No
19	16	9.7u	238.0u	Yes
20	17	9.0u	268.0u	Yes
21	18	6.8u	434.0u	Yes
22	17	8.4u	362.0u	Yes
23	17	8.9u	240.0u	No
24	17	8.1u	338.0u	Yes
25	16	7.8u	302.0u	Yes
26	17	9.2u	310.0u	Yes
27	17	6.9u	478.0u	Yes
28	17	7.4u	306.0u	Yes
29	17	8.5u	322.0u	No
30	17	6.8u	365.0u	Yes
Detection Rate: 90.0 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	16.1u	320.0u	Yes
2	12	18.8u	422.0u	Yes
3	13	19.7u	472.0u	Yes
4	14	14.9u	300.0u	Yes
5	15	18.1u	311.0u	Yes
6	14	19.3u	339.0u	No
7	13	13.1u	279.0u	Yes
8	13	15.6u	220.0u	Yes
9	15	16.9u	354.0u	Yes
10	13	19.3u	494.0u	Yes
11	15	16.5u	213.0u	Yes
12	13	14.7u	208.0u	Yes
13	14	13.2u	325.0u	Yes
14	15	11.6u	227.0u	Yes
15	15	11.8u	285.0u	Yes
16	16	13.4u	423.0u	Yes
17	14	15.2u	354.0u	Yes
18	14	19.7u	258.0u	Yes
19	15	18.2u	413.0u	No
20	15	12.1u	361.0u	Yes
21	12	16.6u	348.0u	Yes
22	13	16.0u	227.0u	No
23	15	13.0u	367.0u	Yes
24	15	18.0u	391.0u	Yes
25	13	14.7u	412.0u	Yes
26	13	12.6u	279.0u	No
27	15	11.5u	249.0u	Yes
28	14	19.8u	294.0u	Yes
29	14	14.0u	478.0u	Yes
30	14	13.4u	407.0u	Yes
Detection Rate: 86.7 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	No
2	LP_Signal_02	No
3	LP_Signal_03	No
4	LP_Signal_04	No
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	No
30	LP_Signal_30	Yes
		Detection Rate: 83.3 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5492MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	53.8u	1.329m	-	269.9m
2	1	7M	76.5u	-	-	1.075
3	3	8M	68.5u	1.022m	1.863m	1.075
4	1	8M	55.2u	-	-	814.1m
5	1	7M	70.5u	-	-	229.8m
6	3	15M	82.3u	1.144m	1.140m	726.8m
7	2	8M	65.2u	1.701m	-	683.0m
8	2	5M	78.3u	1.916m	-	309.1m
9	2	16M	52.3u	1.132m	-	223.9m
10	2	9M	54.1u	1.357m	-	512.0m
11	2	17M	79.5u	1.513m	-	845.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5493MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	20M	87.0u	-	-	853.7m
2	2	6M	66.9u	1.695m	-	837.1m
3	2	7M	76.4u	1.454m	-	1.053
4	3	7M	88.4u	1.662m	1.042m	333.5m
5	3	17M	68.1u	1.250m	1.228m	850.5m
6	3	9M	86.8u	1.276m	1.044m	347.1m
7	2	7M	98.3u	1.581m	-	925.3m
8	2	13M	88.1u	1.755m	-	442.6m
9	2	17M	77.1u	1.336m	-	541.9m
10	2	14M	58.7u	1.731m	-	341.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5494MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	64.0u	1.059m	1.337m	840.2m
2	2	11M	83.5u	1.128m	-	686.4m
3	2	11M	72.4u	1.400m	-	407.3m
4	1	14M	73.4u	-	-	48.90m
5	3	7M	51.8u	1.856m	1.561m	55.45m
6	2	9M	71.3u	1.605m	-	836.1m
7	2	10M	74.3u	1.375m	-	385.5m
8	2	13M	91.4u	1.702m	-	24.17m
9	1	11M	81.1u	-	-	305.1m
10	2	19M	78.6u	1.457m	-	210.0m
11	2	13M	94.3u	1.498m	-	678.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5495MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	50.8u	1.165m	-	905.3m
2	2	15M	55.6u	1.401m	-	377.2m
3	2	12M	72.3u	1.565m	-	696.5m
4	2	16M	95.0u	1.083m	-	642.7m
5	2	14M	63.0u	1.745m	-	254.3m
6	2	8M	91.5u	1.845m	-	1.305
7	2	13M	68.4u	1.760m	-	456.7m
8	3	20M	94.2u	1.105m	1.692m	627.7m
9	3	18M	89.4u	1.202m	1.811m	304.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5496MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	99.9u	1.617m	1.462m	530.2m
2	2	8M	62.4u	1.561m	-	858.8m
3	2	19M	77.0u	1.107m	-	398.4m
4	3	8M	72.1u	1.663m	1.800m	107.5m
5	1	19M	50.8u	-	-	76.27m
6	2	18M	80.6u	1.264m	-	1.001
7	2	18M	72.7u	1.052m	-	807.2m
8	1	6M	78.4u	-	-	426.3m
9	2	11M	86.0u	1.251m	-	151.3m
10	1	16M	60.9u	-	-	228.6m
11	3	11M	75.3u	1.005m	1.493m	542.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5497MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	59.8u	1.874m	-	113.4m
2	3	11M	65.1u	1.498m	978.9u	298.0m
3	2	10M	90.2u	1.837m	-	131.8m
4	1	11M	68.2u	-	-	1.141
5	1	15M	97.1u	-	-	1.174
6	1	5M	88.1u	-	-	960.1m
7	2	18M	58.3u	1.405m	-	395.9m
8	3	8M	76.7u	1.186m	1.919m	941.2m
9	1	16M	73.5u	-	-	907.3m
10	1	12M	90.6u	-	-	893.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5498MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	5M	70.7u	-	-	66.68m
2	2	15M	88.1u	1.165m	-	340.1m
3	2	7M	74.9u	1.174m	-	352.5m
4	3	5M	100.0u	1.537m	1.556m	164.9m
5	3	19M	96.0u	1.084m	1.114m	728.6m
6	1	13M	93.3u	-	-	412.1m
7	3	16M	99.8u	1.074m	1.219m	436.8m
8	2	9M	56.1u	1.932m	-	537.7m
9	1	7M	93.3u	-	-	618.3m
10	1	16M	61.0u	-	-	115.8m
11	2	11M	83.6u	1.608m	-	538.4m
12	3	17M	53.3u	1.432m	1.803m	607.5m
13	1	15M	62.5u	-	-	741.9m
14	3	14M	95.3u	1.079m	1.342m	364.7m
15	3	14M	70.1u	1.462m	1.645m	348.5m
16	2	7M	88.7u	1.273m	-	251.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 20						
Chrip Center Frequency: 5499MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	52.4u	-	-	36.33m
2	2	16M	58.4u	1.165m	-	265.2m
3	1	11M	79.2u	-	-	281.9m
4	2	11M	64.7u	1.472m	-	553.9m
5	2	14M	87.3u	1.774m	-	139.0m
6	1	12M	80.3u	-	-	577.6m

7	2	14M	62.9u	1.350m	-	456.2m
8	3	6M	75.7u	975.3u	1.374m	332.4m
9	3	7M	58.7u	1.610m	1.517m	342.5m
10	1	6M	73.4u	-	-	494.1m
11	2	8M	54.2u	1.193m	-	393.6m
12	2	12M	52.3u	1.366m	-	189.7m
13	2	18M	50.8u	1.095m	-	147.0m
14	2	13M	69.4u	1.138m	-	472.7m
15	3	9M	75.3u	1.822m	1.347m	111.0m
16	3	19M	68.9u	1.858m	1.267m	558.1m
17	2	9M	99.8u	1.884m	-	91.44m
18	2	6M	80.7u	996.3u	-	121.1m
19	2	12M	68.9u	992.1u	-	319.1m
20	3	11M	61.6u	1.171m	1.297m	489.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	54.4u	-	-	24.96m
2	1	9M	63.6u	-	-	196.8m
3	2	12M	92.8u	1.423m	-	408.9m
4	2	5M	61.7u	1.536m	-	698.5m
5	2	14M	61.2u	1.101m	-	180.5m
6	2	7M	62.6u	1.388m	-	299.3m
7	2	6M	97.9u	1.182m	-	141.8m
8	2	19M	86.5u	1.725m	-	396.1m
9	3	13M	73.8u	1.442m	1.679m	783.8m
10	3	6M	91.8u	1.339m	1.429m	767.9m
11	2	10M	68.9u	1.929m	-	430.5m
12	1	13M	53.4u	-	-	133.9m
13	2	14M	61.7u	1.570m	-	241.0m
14	1	13M	71.5u	-	-	194.3m
15	2	6M	75.9u	1.270m	-	580.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 20						
Chrip Center Frequency: 5501MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	93.1u	1.404m	-	23.26m
2	3	15M	92.4u	1.639m	1.229m	43.88m
3	1	8M	57.8u	-	-	469.3m
4	2	16M	71.4u	960.6u	-	40.44m
5	3	20M	91.8u	960.2u	1.168m	535.4m
6	1	19M	67.8u	-	-	241.3m
7	2	18M	59.1u	1.241m	-	563.9m
8	2	11M	88.9u	1.650m	-	74.09m
9	3	18M	76.2u	1.920m	1.293m	545.2m
10	2	15M	73.8u	1.829m	-	95.14m
11	2	10M	95.9u	1.706m	-	276.5m
12	1	7M	54.0u	-	-	527.3m
13	2	15M	91.3u	1.062m	-	547.8m
14	3	5M	61.2u	1.756m	1.869m	212.3m
15	2	8M	50.8u	1.556m	-	113.1m
16	2	7M	59.0u	1.114m	-	249.8m
17	1	10M	76.9u	-	-	453.4m
18	3	9M	99.0u	991.0u	1.707m	64.73m
19	1	12M	64.1u	-	-	596.3m
20	2	13M	62.8u	1.677m	-	59.24m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 12						
Chrip Center Frequency: 5502MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	75.6u	1.645m	1.792m	371.4m

2	3	11M	51.9u	1.247m	1.726m	183.3m
3	3	11M	54.8u	1.647m	1.036m	111.5m
4	1	10M	51.8u	-	-	840.7m
5	2	9M	97.0u	1.358m	-	633.5m
6	2	6M	78.7u	1.318m	-	762.6m
7	2	19M	54.0u	1.264m	-	521.7m
8	2	20M	57.8u	1.533m	-	310.7m
9	2	9M	65.7u	1.095m	-	487.4m
10	3	6M	77.6u	1.137m	1.605m	594.7m
11	2	9M	97.5u	1.018m	-	821.3m
12	2	12M	64.8u	1.579m	-	539.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5503MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	54.3u	1.385m	-	11.60m
2	2	8M	82.7u	1.479m	-	380.3m
3	2	11M	70.2u	1.370m	-	437.8m
4	2	18M	98.9u	968.1u	-	142.9m
5	2	19M	57.3u	1.496m	-	676.1m
6	2	5M	56.5u	1.654m	-	166.7m
7	1	12M	85.7u	-	-	332.6m
8	2	18M	93.1u	1.204m	-	606.4m
9	2	17M	63.6u	1.180m	-	164.0m
10	2	7M	82.7u	961.3u	-	186.3m
11	3	17M	90.2u	1.397m	1.376m	486.2m
12	3	11M	95.5u	1.692m	1.701m	548.7m
13	2	9M	88.9u	1.463m	-	69.97m
14	2	18M	86.3u	1.145m	-	620.2m
15	3	20M	61.1u	1.006m	1.197m	19.72m
16	2	7M	84.9u	1.774m	-	32.42m
17	2	18M	96.3u	1.452m	-	416.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5504MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	70.3u	932.7u	1.126m	448.5m
2	3	13M	73.5u	1.115m	1.778m	1.063
3	2	17M	84.5u	1.194m	-	332.6m
4	1	6M	61.3u	-	-	371.1m
5	2	6M	93.8u	1.731m	-	358.8m
6	3	17M	93.4u	914.6u	1.028m	824.5m
7	3	8M	88.5u	1.567m	948.5u	920.8m
8	2	15M	76.9u	1.590m	-	24.47m
9	2	17M	55.7u	1.061m	-	338.6m
10	2	7M	99.2u	1.768m	-	961.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5505MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	88.3u	1.204m	-	150.2m
2	2	14M	67.8u	1.776m	-	881.4m
3	3	13M	70.4u	1.245m	1.642m	724.9m
4	1	10M	51.4u	-	-	416.0m
5	2	20M	66.7u	1.872m	-	379.8m
6	1	15M	60.5u	-	-	641.4m
7	1	12M	98.9u	-	-	1.005
8	3	10M	65.6u	1.367m	1.038m	894.5m
9	1	12M	76.2u	-	-	15.95m
10	2	13M	56.5u	1.367m	-	747.4m
11	1	10M	70.8u	-	-	752.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5506MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	55.0u	1.753m	-	692.7m
2	2	18M	73.9u	1.302m	-	578.1m
3	2	13M	74.8u	1.788m	-	157.0m
4	2	8M	92.3u	1.462m	-	319.4m
5	1	16M	87.8u	-	-	258.7m
6	1	8M	81.4u	-	-	485.0m
7	2	13M	67.3u	1.484m	-	465.2m
8	2	7M	94.4u	1.349m	-	127.7m
9	1	6M	92.0u	-	-	514.6m
10	2	11M	61.1u	1.151m	-	349.0m
11	2	10M	52.1u	1.007m	-	661.6m
12	2	10M	70.8u	1.558m	-	521.8m
13	2	14M	87.2u	1.507m	-	334.7m
14	3	7M	78.0u	1.323m	1.518m	682.8m
15	3	5M	79.0u	1.335m	1.793m	337.4m
16	1	11M	97.9u	-	-	533.2m
17	2	15M	86.7u	929.3u	-	376.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5507MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	50.9u	1.009m	1.473m	1.189
2	1	15M	52.6u	-	-	659.5m
3	3	14M	56.4u	1.086m	1.437m	1.136
4	2	19M	82.2u	1.836m	-	203.4m
5	2	6M	72.2u	1.239m	-	885.4m

6	1	11M	53.4u	-	-	764.6m
7	2	18M	97.9u	1.546m	-	95.49m
8	2	15M	51.9u	1.884m	-	201.6m
9	3	10M	79.1u	1.243m	1.194m	1.272

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5508MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	97.1u	1.265m	1.045m	709.6m
2	3	13M	96.1u	1.035m	1.399m	249.2m
3	2	7M	61.9u	1.176m	-	366.6m
4	1	13M	66.6u	-	-	665.2m
5	2	15M	65.7u	1.336m	-	466.0m
6	2	12M	94.0u	1.418m	-	783.9m
7	1	19M	97.8u	-	-	236.1m
8	2	18M	72.5u	1.486m	-	72.69m
9	1	9M	71.7u	-	-	166.6m
10	1	17M	56.8u	-	-	646.1m
11	3	8M	63.2u	1.501m	1.605m	87.30m
12	2	17M	89.7u	1.850m	-	699.3m
13	2	7M	76.1u	1.914m	-	316.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	64.4u	1.316m	1.437m	556.9m
2	3	16M	52.8u	1.792m	1.610m	596.7m
3	3	11M	83.1u	1.327m	1.228m	318.4m
4	3	15M	88.0u	1.504m	1.188m	552.3m

5	2	11M	52.9u	1.938m	-	352.6m
6	3	7M	82.6u	1.620m	1.375m	498.0m
7	2	10M	50.5u	1.138m	-	100.5m
8	2	6M	80.3u	1.732m	-	344.7m
9	3	19M	84.2u	1.588m	1.524m	562.0m
10	2	9M	98.8u	1.001m	-	259.0m
11	2	5M	87.4u	1.213m	-	73.73m
12	2	11M	55.4u	1.919m	-	376.0m
13	3	18M	79.5u	1.572m	1.569m	689.0m
14	2	20M	51.2u	1.155m	-	125.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5501MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	63.8u	-	-	704.0m
2	1	19M	63.4u	-	-	219.4m
3	2	18M	98.8u	1.663m	-	184.2m
4	2	7M	61.5u	988.5u	-	748.7m
5	3	14M	86.7u	1.580m	1.338m	443.5m
6	2	13M	96.3u	1.678m	-	311.6m
7	2	7M	77.7u	1.225m	-	471.8m
8	3	14M	95.9u	1.221m	1.039m	414.9m
9	3	7M	68.7u	932.3u	1.560m	69.28m
10	1	7M	81.3u	-	-	528.0m
11	3	10M	61.0u	1.712m	1.714m	771.5m
12	2	14M	81.1u	1.272m	-	443.1m
13	2	11M	62.8u	1.547m	-	212.6m
14	3	6M	61.9u	1.001m	1.092m	67.82m
15	2	7M	87.8u	1.909m	-	761.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5502MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	65.6u	960.4u	-	440.5m
2	2	11M	97.9u	957.1u	-	117.9m
3	2	18M	79.4u	1.790m	-	487.3m
4	2	14M	84.3u	1.096m	-	416.1m
5	1	9M	55.4u	-	-	329.0m
6	2	7M	79.7u	1.487m	-	274.1m
7	2	11M	92.3u	1.230m	-	255.5m
8	3	9M	87.0u	1.450m	1.003m	586.0m
9	2	7M	77.0u	1.031m	-	193.3m
10	2	12M	80.7u	1.035m	-	243.4m
11	2	5M	75.3u	1.039m	-	371.4m
12	1	5M	50.6u	-	-	51.13m
13	2	15M	87.4u	1.218m	-	529.3m
14	2	10M	87.1u	1.888m	-	643.6m
15	2	14M	68.7u	1.595m	-	280.3m
16	1	6M	62.6u	-	-	153.5m
17	1	15M	80.1u	-	-	181.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5503MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	91.7u	1.531m	-	495.0m
2	3	5M	64.6u	1.658m	1.122m	155.6m
3	2	15M	75.6u	1.634m	-	100.9m
4	2	19M	72.4u	1.310m	-	517.9m

5	2	12M	62.9u	1.670m	-	270.6m
6	2	15M	90.4u	1.795m	-	450.5m
7	2	15M	58.2u	1.654m	-	108.6m
8	3	18M	87.9u	1.493m	1.237m	12.12m
9	1	9M	56.2u	-	-	71.68m
10	2	13M	84.2u	1.844m	-	69.66m
11	1	14M	77.8u	-	-	656.1m
12	1	7M	83.3u	-	-	277.0m
13	2	13M	82.7u	1.802m	-	197.4m
14	2	16M	59.4u	1.865m	-	359.9m
15	2	13M	96.8u	915.2u	-	398.8m
16	2	10M	63.6u	962.4u	-	303.1m
17	2	11M	98.8u	1.858m	-	532.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 19						
Chrip Center Frequency: 5504MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	54.2u	1.116m	-	334.8m
2	1	19M	53.6u	-	-	379.6m
3	2	12M	72.0u	1.679m	-	86.36m
4	2	15M	63.7u	1.220m	-	372.4m
5	2	14M	74.0u	1.715m	-	568.2m
6	3	12M	50.3u	959.7u	1.816m	412.7m
7	2	17M	86.9u	949.1u	-	133.5m
8	3	13M	60.2u	1.652m	1.846m	532.5m
9	2	11M	82.6u	1.094m	-	618.7m
10	3	14M	69.6u	1.236m	1.893m	491.0m
11	1	14M	59.8u	-	-	139.1m
12	2	20M	93.1u	1.086m	-	408.0m
13	2	11M	70.6u	1.169m	-	476.8m
14	3	18M	57.0u	1.485m	1.848m	524.2m
15	2	6M	60.9u	1.633m	-	320.6m
16	2	12M	75.6u	1.357m	-	207.9m

17	3	5M	65.0u	1.879m	1.485m	618.6m
18	2	16M	83.8u	1.076m	-	144.0m
19	2	11M	77.1u	1.500m	-	409.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 11 Chrip Center Frequency: 5505MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	88.1u	1.134m	-	477.3m
2	2	7M	75.0u	1.215m	-	568.6m
3	3	19M	94.7u	1.445m	1.214m	735.2m
4	1	6M	86.1u	-	-	37.17m
5	3	9M	58.4u	1.927m	1.534m	187.5m
6	1	15M	66.6u	-	-	1.011
7	2	17M	93.3u	1.712m	-	591.0m
8	3	15M	82.4u	1.286m	1.073m	85.97m
9	2	15M	62.9u	1.259m	-	321.7m
10	2	9M	58.8u	1.381m	-	1.013
11	2	14M	72.9u	1.252m	-	223.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 17 Chrip Center Frequency: 5506MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	78.9u	1.353m	-	73.52m
2	3	17M	93.3u	1.110m	1.122m	646.5m
3	1	8M	76.9u	-	-	110.9m
4	3	16M	57.6u	1.634m	1.205m	17.22m
5	2	16M	68.0u	1.678m	-	325.0m
6	3	16M	54.6u	1.315m	1.447m	670.1m
7	2	11M	69.5u	1.181m	-	467.9m

8	3	15M	62.8u	1.089m	942.2u	405.8m
9	1	9M	87.6u	-	-	208.3m
10	2	18M	51.0u	1.622m	-	504.2m
11	1	15M	67.6u	-	-	394.0m
12	3	6M	77.5u	971.5u	1.438m	227.8m
13	3	7M	57.3u	1.515m	1.051m	78.91m
14	1	9M	76.8u	-	-	351.9m
15	3	16M	72.3u	1.345m	1.652m	574.9m
16	3	17M	96.1u	1.087m	1.446m	334.7m
17	2	6M	78.2u	1.216m	-	698.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5507MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	89.6u	1.319m	1.338m	602.6m
2	2	9M	94.4u	1.444m	-	423.0m
3	2	11M	86.5u	1.326m	-	756.0m
4	3	12M	61.2u	1.755m	1.771m	759.6m
5	1	9M	97.4u	-	-	783.5m
6	3	20M	70.1u	1.725m	1.563m	568.3m
7	2	8M	87.4u	1.300m	-	176.2m
8	1	14M	86.8u	-	-	208.1m
9	2	19M	75.6u	1.652m	-	598.4m
10	3	15M	95.7u	1.093m	1.037m	510.0m
11	3	18M	79.8u	1.073m	1.477m	545.6m
12	1	16M	53.9u	-	-	63.28m
13	1	14M	70.1u	-	-	601.5m
14	2	9M	54.1u	1.758m	-	95.62m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5508MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	78.3u	-	-	705.2m
2	1	6M	77.4u	-	-	212.9m
3	1	7M	71.7u	-	-	205.2m
4	2	17M	79.7u	1.377m	-	778.5m
5	2	18M	65.3u	1.418m	-	520.2m
6	1	16M	64.1u	-	-	394.3m
7	2	11M	54.1u	1.354m	-	7.019m
8	2	10M	53.3u	1.878m	-	910.9m
9	3	13M	53.1u	1.618m	1.215m	807.6m
10	1	12M	83.9u	-	-	865.1m
11	2	13M	57.4u	1.791m	-	64.34m
12	2	9M	82.4u	1.430m	-	323.6m
13	2	7M	83.6u	1.730m	-	802.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5499MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	59.9u	1.464m	1.353m	816.7m
2	2	8M	54.0u	1.329m	-	821.0m
3	2	10M	69.3u	1.002m	-	735.8m
4	2	17M	55.2u	1.380m	-	454.1m
5	2	6M	77.4u	1.592m	-	828.7m
6	3	20M	81.6u	1.780m	1.021m	337.9m
7	3	7M	78.1u	1.160m	1.192m	55.31m
8	3	7M	72.6u	955.4u	994.4u	472.1m

9	2	12M	86.8u	1.134m	-	647.5m
10	1	5M	94.6u	-	-	646.7m
11	3	11M	92.0u	1.176m	1.156m	605.6m
12	1	10M	50.7u	-	-	513.0m
13	3	9M	76.0u	1.297m	1.103m	65.77m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5498MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	58.8u	1.408m	-	436.4m
2	3	9M	66.1u	1.838m	1.245m	450.7m
3	1	17M	90.4u	-	-	102.3m
4	1	20M	63.1u	-	-	232.6m
5	3	18M	85.9u	1.582m	1.370m	701.3m
6	3	8M	77.8u	965.2u	1.651m	152.1m
7	3	18M	63.1u	1.901m	1.688m	546.1m
8	2	10M	66.5u	1.664m	-	197.5m
9	1	5M	51.0u	-	-	416.2m
10	1	14M	60.8u	-	-	276.7m
11	2	7M	71.4u	988.6u	-	500.3m
12	2	20M	95.8u	1.354m	-	224.2m
13	2	13M	67.4u	1.694m	-	66.26m
14	1	7M	98.4u	-	-	25.41m
15	3	10M	83.8u	1.666m	1.629m	432.9m
16	2	19M	79.5u	949.5u	-	627.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5497MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	90.2u	1.489m	-	80.69m
2	2	16M	63.6u	1.802m	-	109.7m
3	3	19M	66.5u	1.784m	1.710m	971.5m
4	3	18M	96.5u	1.064m	1.706m	114.9m
5	3	17M	97.5u	1.044m	1.407m	717.4m
6	3	12M	93.7u	1.137m	1.825m	93.37m
7	2	7M	89.2u	1.868m	-	724.5m
8	2	11M	64.6u	1.139m	-	404.3m
9	2	12M	53.2u	1.420m	-	805.7m
10	2	10M	65.9u	1.377m	-	1.021
11	2	12M	51.2u	1.495m	-	1.008

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5496MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	84.6u	1.775m	1.537m	731.1m
2	2	17M	85.5u	1.334m	-	49.74m
3	3	15M	98.3u	1.663m	1.166m	819.5m
4	2	13M	89.4u	1.035m	-	666.0m
5	1	16M	53.1u	-	-	12.64m
6	2	13M	95.6u	975.4u	-	841.7m
7	2	8M	62.8u	1.526m	-	557.6m
8	2	5M	77.8u	1.800m	-	908.0m
9	2	13M	82.6u	1.670m	-	420.8m
10	3	5M	76.1u	1.284m	1.049m	718.7m

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	Yes
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	No
30	9	1.0u	333.0u	Yes
Detection Rate: 96.7 %				

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	No
30	HOP_FREQ_SEQ_30	Yes
Detection Rate: 96.7 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.572G	2	5.463G	3	5.390G	4	5.462G
5	5.562G	6	5.514G	7	5.504G	8	5.651G
9	5.359G	10	5.280G	11	5.398G	12	5.331G
13	5.519G	14	5.354G	15	5.325G	16	5.264G
17	5.704G	18	5.494G	19	5.643G	20	5.279G
21	5.595G	22	5.296G	23	5.306G	24	5.667G
25	5.678G	26	5.552G	27	5.723G	28	5.484G
29	5.285G	30	5.342G	31	5.377G	32	5.366G
33	5.564G	34	5.344G	35	5.629G	36	5.618G
37	5.616G	38	5.262G	39	5.516G	40	5.413G
41	5.256G	42	5.332G	43	5.610G	44	5.707G
45	5.329G	46	5.567G	47	5.541G	48	5.661G
49	5.419G	50	5.652G	51	5.641G	52	5.497G
53	5.528G	54	5.573G	55	5.283G	56	5.464G
57	5.409G	58	5.321G	59	5.722G	60	5.349G
61	5.719G	62	5.699G	63	5.665G	64	5.525G
65	5.254G	66	5.627G	67	5.337G	68	5.385G
69	5.560G	70	5.592G	71	5.658G	72	5.536G
73	5.305G	74	5.301G	75	5.609G	76	5.436G
77	5.717G	78	5.638G	79	5.538G	80	5.660G
81	5.587G	82	5.479G	83	5.488G	84	5.601G
85	5.675G	86	5.271G	87	5.340G	88	5.520G
89	5.315G	90	5.481G	91	5.263G	92	5.348G
93	5.521G	94	5.447G	95	5.350G	96	5.628G
97	5.679G	98	5.531G	99	5.606G	100	5.687G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.473G	2	5.301G	3	5.549G	4	5.452G
5	5.485G	6	5.415G	7	5.630G	8	5.341G
9	5.395G	10	5.251G	11	5.257G	12	5.478G
13	5.316G	14	5.555G	15	5.671G	16	5.496G

17	5.532G	18	5.609G	19	5.402G	20	5.312G
21	5.724G	22	5.607G	23	5.653G	24	5.256G
25	5.517G	26	5.388G	27	5.267G	28	5.625G
29	5.612G	30	5.628G	31	5.686G	32	5.381G
33	5.510G	34	5.358G	35	5.717G	36	5.391G
37	5.636G	38	5.553G	39	5.411G	40	5.361G
41	5.598G	42	5.306G	43	5.702G	44	5.260G
45	5.383G	46	5.424G	47	5.419G	48	5.403G
49	5.325G	50	5.318G	51	5.439G	52	5.511G
53	5.455G	54	5.535G	55	5.557G	56	5.369G
57	5.351G	58	5.675G	59	5.288G	60	5.461G
61	5.416G	62	5.292G	63	5.320G	64	5.697G
65	5.516G	66	5.587G	67	5.659G	68	5.651G
69	5.390G	70	5.370G	71	5.417G	72	5.276G
73	5.647G	74	5.601G	75	5.360G	76	5.559G
77	5.683G	78	5.271G	79	5.721G	80	5.373G
81	5.333G	82	5.308G	83	5.338G	84	5.637G
85	5.414G	86	5.678G	87	5.493G	88	5.365G
89	5.718G	90	5.311G	91	5.261G	92	5.615G
93	5.484G	94	5.668G	95	5.448G	96	5.343G
97	5.385G	98	5.527G	99	5.556G	100	5.618G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.640G	2	5.679G	3	5.549G	4	5.502G
5	5.454G	6	5.647G	7	5.325G	8	5.381G
9	5.550G	10	5.628G	11	5.567G	12	5.664G
13	5.289G	14	5.510G	15	5.551G	16	5.579G
17	5.687G	18	5.309G	19	5.670G	20	5.335G
21	5.557G	22	5.657G	23	5.415G	24	5.380G
25	5.412G	26	5.573G	27	5.470G	28	5.521G
29	5.587G	30	5.437G	31	5.259G	32	5.600G
33	5.356G	34	5.515G	35	5.615G	36	5.713G
37	5.411G	38	5.583G	39	5.279G	40	5.605G
41	5.512G	42	5.446G	43	5.716G	44	5.474G
45	5.399G	46	5.683G	47	5.660G	48	5.572G

49	5.464G	50	5.517G	51	5.694G	52	5.274G
53	5.714G	54	5.473G	55	5.391G	56	5.494G
57	5.322G	58	5.650G	59	5.665G	60	5.524G
61	5.507G	62	5.421G	63	5.304G	64	5.556G
65	5.484G	66	5.440G	67	5.652G	68	5.408G
69	5.417G	70	5.438G	71	5.320G	72	5.312G
73	5.266G	74	5.668G	75	5.450G	76	5.686G
77	5.626G	78	5.384G	79	5.723G	80	5.265G
81	5.252G	82	5.302G	83	5.525G	84	5.661G
85	5.653G	86	5.565G	87	5.646G	88	5.554G
89	5.341G	90	5.617G	91	5.522G	92	5.576G
93	5.410G	94	5.639G	95	5.707G	96	5.608G
97	5.607G	98	5.571G	99	5.541G	100	5.477G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.332G	2	5.289G	3	5.364G	4	5.475G
5	5.723G	6	5.498G	7	5.265G	8	5.444G
9	5.651G	10	5.473G	11	5.428G	12	5.513G
13	5.423G	14	5.488G	15	5.690G	16	5.527G
17	5.608G	18	5.254G	19	5.418G	20	5.637G
21	5.339G	22	5.529G	23	5.648G	24	5.717G
25	5.371G	26	5.494G	27	5.604G	28	5.347G
29	5.395G	30	5.641G	31	5.443G	32	5.372G
33	5.382G	34	5.470G	35	5.520G	36	5.268G
37	5.452G	38	5.612G	39	5.500G	40	5.510G
41	5.376G	42	5.340G	43	5.441G	44	5.333G
45	5.266G	46	5.362G	47	5.374G	48	5.625G
49	5.451G	50	5.702G	51	5.715G	52	5.431G
53	5.384G	54	5.693G	55	5.649G	56	5.523G
57	5.348G	58	5.678G	59	5.583G	60	5.564G
61	5.430G	62	5.650G	63	5.701G	64	5.250G
65	5.540G	66	5.271G	67	5.476G	68	5.524G
69	5.481G	70	5.585G	71	5.634G	72	5.284G
73	5.287G	74	5.566G	75	5.260G	76	5.692G
77	5.700G	78	5.644G	79	5.358G	80	5.251G

81	5.306G	82	5.686G	83	5.454G	84	5.562G
85	5.660G	86	5.294G	87	5.522G	88	5.539G
89	5.598G	90	5.463G	91	5.586G	92	5.675G
93	5.638G	94	5.530G	95	5.626G	96	5.267G
97	5.255G	98	5.263G	99	5.304G	100	5.357G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.279G	2	5.444G	3	5.434G	4	5.698G
5	5.627G	6	5.485G	7	5.625G	8	5.306G
9	5.641G	10	5.436G	11	5.290G	12	5.404G
13	5.650G	14	5.375G	15	5.416G	16	5.658G
17	5.287G	18	5.629G	19	5.271G	20	5.538G
21	5.382G	22	5.295G	23	5.340G	24	5.551G
25	5.427G	26	5.399G	27	5.450G	28	5.285G
29	5.464G	30	5.325G	31	5.415G	32	5.257G
33	5.277G	34	5.531G	35	5.344G	36	5.607G
37	5.597G	38	5.552G	39	5.662G	40	5.614G
41	5.366G	42	5.496G	43	5.308G	44	5.299G
45	5.458G	46	5.264G	47	5.663G	48	5.328G
49	5.470G	50	5.272G	51	5.652G	52	5.311G
53	5.381G	54	5.395G	55	5.394G	56	5.556G
57	5.289G	58	5.642G	59	5.656G	60	5.392G
61	5.278G	62	5.443G	63	5.442G	64	5.615G
65	5.309G	66	5.403G	67	5.462G	68	5.562G
69	5.385G	70	5.691G	71	5.432G	72	5.681G
73	5.502G	74	5.616G	75	5.315G	76	5.696G
77	5.419G	78	5.692G	79	5.475G	80	5.361G
81	5.400G	82	5.365G	83	5.374G	84	5.619G
85	5.424G	86	5.706G	87	5.372G	88	5.293G
89	5.349G	90	5.410G	91	5.525G	92	5.609G
93	5.267G	94	5.358G	95	5.683G	96	5.476G
97	5.630G	98	5.701G	99	5.406G	100	5.341G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.410G	2	5.569G	3	5.718G	4	5.354G
5	5.416G	6	5.341G	7	5.521G	8	5.380G
9	5.484G	10	5.474G	11	5.256G	12	5.411G
13	5.461G	14	5.255G	15	5.483G	16	5.519G
17	5.613G	18	5.592G	19	5.423G	20	5.556G
21	5.317G	22	5.650G	23	5.312G	24	5.427G
25	5.646G	26	5.596G	27	5.583G	28	5.674G
29	5.365G	30	5.430G	31	5.404G	32	5.626G
33	5.549G	34	5.493G	35	5.398G	36	5.563G
37	5.370G	38	5.517G	39	5.610G	40	5.267G
41	5.618G	42	5.324G	43	5.511G	44	5.504G
45	5.580G	46	5.290G	47	5.488G	48	5.459G
49	5.264G	50	5.482G	51	5.561G	52	5.360G
53	5.432G	54	5.616G	55	5.682G	56	5.447G
57	5.589G	58	5.513G	59	5.681G	60	5.463G
61	5.624G	62	5.414G	63	5.661G	64	5.700G
65	5.544G	66	5.651G	67	5.307G	68	5.337G
69	5.667G	70	5.479G	71	5.388G	72	5.530G
73	5.612G	74	5.340G	75	5.604G	76	5.635G
77	5.480G	78	5.381G	79	5.284G	80	5.671G
81	5.390G	82	5.664G	83	5.436G	84	5.523G
85	5.413G	86	5.657G	87	5.572G	88	5.625G
89	5.346G	90	5.585G	91	5.576G	92	5.417G
93	5.494G	94	5.489G	95	5.653G	96	5.477G
97	5.689G	98	5.420G	99	5.357G	100	5.313G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.413G	2	5.655G	3	5.407G	4	5.592G
5	5.672G	6	5.313G	7	5.682G	8	5.620G
9	5.615G	10	5.430G	11	5.296G	12	5.384G
13	5.475G	14	5.569G	15	5.650G	16	5.417G

17	5.676G	18	5.558G	19	5.286G	20	5.294G
21	5.474G	22	5.693G	23	5.614G	24	5.325G
25	5.483G	26	5.624G	27	5.376G	28	5.664G
29	5.449G	30	5.578G	31	5.605G	32	5.573G
33	5.580G	34	5.257G	35	5.421G	36	5.460G
37	5.351G	38	5.371G	39	5.391G	40	5.669G
41	5.510G	42	5.484G	43	5.617G	44	5.692G
45	5.305G	46	5.724G	47	5.487G	48	5.486G
49	5.504G	50	5.405G	51	5.418G	52	5.410G
53	5.276G	54	5.289G	55	5.490G	56	5.684G
57	5.588G	58	5.722G	59	5.697G	60	5.304G
61	5.516G	62	5.543G	63	5.618G	64	5.459G
65	5.670G	66	5.708G	67	5.422G	68	5.466G
69	5.507G	70	5.379G	71	5.637G	72	5.282G
73	5.383G	74	5.445G	75	5.435G	76	5.301G
77	5.626G	78	5.284G	79	5.706G	80	5.710G
81	5.687G	82	5.649G	83	5.603G	84	5.389G
85	5.494G	86	5.253G	87	5.314G	88	5.505G
89	5.515G	90	5.419G	91	5.587G	92	5.499G
93	5.447G	94	5.386G	95	5.382G	96	5.723G
97	5.631G	98	5.398G	99	5.352G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.633G	2	5.440G	3	5.501G	4	5.624G
5	5.634G	6	5.708G	7	5.493G	8	5.673G
9	5.359G	10	5.307G	11	5.375G	12	5.636G
13	5.254G	14	5.396G	15	5.309G	16	5.591G
17	5.433G	18	5.685G	19	5.499G	20	5.418G
21	5.427G	22	5.327G	23	5.367G	24	5.496G
25	5.345G	26	5.292G	27	5.513G	28	5.554G
29	5.470G	30	5.655G	31	5.456G	32	5.661G
33	5.279G	34	5.577G	35	5.486G	36	5.629G
37	5.344G	38	5.278G	39	5.532G	40	5.329G
41	5.483G	42	5.715G	43	5.466G	44	5.599G
45	5.318G	46	5.321G	47	5.566G	48	5.569G

49	5.445G	50	5.656G	51	5.717G	52	5.598G
53	5.681G	54	5.527G	55	5.268G	56	5.538G
57	5.255G	58	5.416G	59	5.270G	60	5.454G
61	5.559G	62	5.536G	63	5.694G	64	5.287G
65	5.391G	66	5.631G	67	5.618G	68	5.286G
69	5.411G	70	5.407G	71	5.339G	72	5.525G
73	5.320G	74	5.588G	75	5.556G	76	5.404G
77	5.348G	78	5.252G	79	5.276G	80	5.523G
81	5.293G	82	5.652G	83	5.672G	84	5.259G
85	5.399G	86	5.444G	87	5.641G	88	5.308G
89	5.628G	90	5.461G	91	5.430G	92	5.665G
93	5.557G	94	5.319G	95	5.548G	96	5.578G
97	5.702G	98	5.617G	99	5.635G	100	5.711G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.667G	2	5.563G	3	5.535G	4	5.710G
5	5.350G	6	5.395G	7	5.625G	8	5.260G
9	5.658G	10	5.466G	11	5.485G	12	5.540G
13	5.502G	14	5.543G	15	5.673G	16	5.337G
17	5.706G	18	5.654G	19	5.410G	20	5.632G
21	5.431G	22	5.346G	23	5.340G	24	5.317G
25	5.432G	26	5.442G	27	5.343G	28	5.690G
29	5.447G	30	5.618G	31	5.695G	32	5.446G
33	5.269G	34	5.290G	35	5.682G	36	5.611G
37	5.709G	38	5.263G	39	5.638G	40	5.692G
41	5.455G	42	5.417G	43	5.273G	44	5.642G
45	5.425G	46	5.683G	47	5.316G	48	5.289G
49	5.676G	50	5.556G	51	5.334G	52	5.308G
53	5.307G	54	5.250G	55	5.304G	56	5.538G
57	5.608G	58	5.679G	59	5.342G	60	5.628G
61	5.405G	62	5.365G	63	5.720G	64	5.472G
65	5.663G	66	5.590G	67	5.328G	68	5.523G
69	5.344G	70	5.522G	71	5.338G	72	5.367G
73	5.268G	74	5.626G	75	5.703G	76	5.456G
77	5.545G	78	5.631G	79	5.415G	80	5.495G

81	5.586G	82	5.670G	83	5.516G	84	5.296G
85	5.469G	86	5.448G	87	5.401G	88	5.541G
89	5.378G	90	5.483G	91	5.578G	92	5.499G
93	5.487G	94	5.391G	95	5.718G	96	5.282G
97	5.385G	98	5.379G	99	5.489G	100	5.380G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.502G	3	5.638G	4	5.701G
5	5.465G	6	5.407G	7	5.606G	8	5.659G
9	5.529G	10	5.313G	11	5.415G	12	5.708G
13	5.621G	14	5.557G	15	5.498G	16	5.438G
17	5.514G	18	5.397G	19	5.667G	20	5.303G
21	5.645G	22	5.279G	23	5.447G	24	5.325G
25	5.340G	26	5.495G	27	5.486G	28	5.427G
29	5.487G	30	5.696G	31	5.421G	32	5.424G
33	5.689G	34	5.526G	35	5.468G	36	5.364G
37	5.401G	38	5.268G	39	5.250G	40	5.516G
41	5.257G	42	5.581G	43	5.451G	44	5.365G
45	5.419G	46	5.649G	47	5.532G	48	5.288G
49	5.666G	50	5.518G	51	5.293G	52	5.273G
53	5.602G	54	5.507G	55	5.301G	56	5.328G
57	5.605G	58	5.389G	59	5.435G	60	5.436G
61	5.376G	62	5.569G	63	5.368G	64	5.312G
65	5.298G	66	5.679G	67	5.367G	68	5.541G
69	5.431G	70	5.414G	71	5.292G	72	5.443G
73	5.283G	74	5.284G	75	5.673G	76	5.716G
77	5.287G	78	5.572G	79	5.393G	80	5.607G
81	5.359G	82	5.549G	83	5.311G	84	5.315G
85	5.721G	86	5.709G	87	5.675G	88	5.280G
89	5.433G	90	5.392G	91	5.718G	92	5.553G
93	5.351G	94	5.601G	95	5.337G	96	5.568G
97	5.693G	98	5.255G	99	5.655G	100	5.285G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.512G	2	5.634G	3	5.543G	4	5.441G
5	5.327G	6	5.722G	7	5.401G	8	5.717G
9	5.517G	10	5.556G	11	5.521G	12	5.546G
13	5.694G	14	5.643G	15	5.383G	16	5.431G
17	5.606G	18	5.658G	19	5.300G	20	5.588G
21	5.309G	22	5.565G	23	5.690G	24	5.564G
25	5.319G	26	5.385G	27	5.680G	28	5.451G
29	5.677G	30	5.528G	31	5.410G	32	5.344G
33	5.544G	34	5.511G	35	5.526G	36	5.353G
37	5.432G	38	5.666G	39	5.425G	40	5.577G
41	5.568G	42	5.498G	43	5.674G	44	5.377G
45	5.469G	46	5.584G	47	5.636G	48	5.533G
49	5.501G	50	5.487G	51	5.271G	52	5.673G
53	5.449G	54	5.335G	55	5.349G	56	5.270G
57	5.471G	58	5.399G	59	5.629G	60	5.723G
61	5.338G	62	5.692G	63	5.496G	64	5.466G
65	5.257G	66	5.416G	67	5.429G	68	5.367G
69	5.394G	70	5.456G	71	5.388G	72	5.252G
73	5.708G	74	5.482G	75	5.704G	76	5.448G
77	5.524G	78	5.303G	79	5.701G	80	5.434G
81	5.382G	82	5.436G	83	5.310G	84	5.365G
85	5.386G	86	5.264G	87	5.460G	88	5.262G
89	5.689G	90	5.326G	91	5.561G	92	5.497G
93	5.298G	94	5.291G	95	5.322G	96	5.371G
97	5.480G	98	5.277G	99	5.534G	100	5.457G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.432G	2	5.470G	3	5.724G	4	5.533G
5	5.700G	6	5.349G	7	5.436G	8	5.549G
9	5.302G	10	5.438G	11	5.683G	12	5.474G
13	5.449G	14	5.471G	15	5.281G	16	5.411G

17	5.392G	18	5.294G	19	5.691G	20	5.380G
21	5.450G	22	5.321G	23	5.373G	24	5.668G
25	5.291G	26	5.271G	27	5.613G	28	5.385G
29	5.407G	30	5.611G	31	5.721G	32	5.403G
33	5.346G	34	5.286G	35	5.327G	36	5.262G
37	5.396G	38	5.424G	39	5.402G	40	5.504G
41	5.485G	42	5.618G	43	5.637G	44	5.539G
45	5.697G	46	5.301G	47	5.631G	48	5.587G
49	5.593G	50	5.457G	51	5.397G	52	5.441G
53	5.651G	54	5.671G	55	5.355G	56	5.399G
57	5.468G	58	5.648G	59	5.720G	60	5.625G
61	5.540G	62	5.264G	63	5.541G	64	5.693G
65	5.357G	66	5.460G	67	5.607G	68	5.545G
69	5.586G	70	5.345G	71	5.365G	72	5.309G
73	5.472G	74	5.401G	75	5.250G	76	5.453G
77	5.642G	78	5.716G	79	5.610G	80	5.419G
81	5.390G	82	5.276G	83	5.367G	84	5.577G
85	5.370G	86	5.437G	87	5.304G	88	5.344G
89	5.379G	90	5.521G	91	5.340G	92	5.361G
93	5.477G	94	5.658G	95	5.324G	96	5.310G
97	5.559G	98	5.496G	99	5.258G	100	5.576G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.354G	3	5.388G	4	5.470G
5	5.637G	6	5.465G	7	5.565G	8	5.321G
9	5.472G	10	5.371G	11	5.463G	12	5.490G
13	5.619G	14	5.314G	15	5.694G	16	5.291G
17	5.635G	18	5.469G	19	5.252G	20	5.567G
21	5.341G	22	5.264G	23	5.704G	24	5.481G
25	5.634G	26	5.539G	27	5.724G	28	5.456G
29	5.457G	30	5.493G	31	5.666G	32	5.616G
33	5.548G	34	5.427G	35	5.356G	36	5.277G
37	5.556G	38	5.645G	39	5.372G	40	5.368G
41	5.458G	42	5.526G	43	5.650G	44	5.689G
45	5.355G	46	5.299G	47	5.327G	48	5.571G

49	5.682G	50	5.425G	51	5.589G	52	5.441G
53	5.280G	54	5.723G	55	5.272G	56	5.379G
57	5.482G	58	5.306G	59	5.518G	60	5.561G
61	5.345G	62	5.394G	63	5.555G	64	5.546G
65	5.715G	66	5.629G	67	5.330G	68	5.474G
69	5.576G	70	5.408G	71	5.499G	72	5.410G
73	5.669G	74	5.711G	75	5.550G	76	5.409G
77	5.349G	78	5.529G	79	5.679G	80	5.572G
81	5.288G	82	5.271G	83	5.443G	84	5.560G
85	5.627G	86	5.260G	87	5.718G	88	5.609G
89	5.583G	90	5.551G	91	5.296G	92	5.468G
93	5.521G	94	5.714G	95	5.316G	96	5.325G
97	5.304G	98	5.613G	99	5.522G	100	5.623G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.329G	2	5.364G	3	5.303G	4	5.458G
5	5.506G	6	5.721G	7	5.294G	8	5.406G
9	5.627G	10	5.421G	11	5.706G	12	5.266G
13	5.425G	14	5.494G	15	5.387G	16	5.714G
17	5.378G	18	5.490G	19	5.516G	20	5.307G
21	5.680G	22	5.295G	23	5.692G	24	5.298G
25	5.366G	26	5.481G	27	5.521G	28	5.520G
29	5.510G	30	5.651G	31	5.472G	32	5.403G
33	5.522G	34	5.444G	35	5.437G	36	5.678G
37	5.606G	38	5.300G	39	5.577G	40	5.645G
41	5.276G	42	5.398G	43	5.465G	44	5.341G
45	5.410G	46	5.405G	47	5.400G	48	5.498G
49	5.323G	50	5.365G	51	5.624G	52	5.530G
53	5.251G	54	5.638G	55	5.629G	56	5.269G
57	5.677G	58	5.429G	59	5.670G	60	5.568G
61	5.581G	62	5.308G	63	5.549G	64	5.713G
65	5.715G	66	5.582G	67	5.501G	68	5.535G
69	5.666G	70	5.316G	71	5.618G	72	5.424G
73	5.379G	74	5.309G	75	5.286G	76	5.539G
77	5.653G	78	5.605G	79	5.578G	80	5.282G

81	5.580G	82	5.573G	83	5.650G	84	5.354G
85	5.600G	86	5.381G	87	5.656G	88	5.635G
89	5.636G	90	5.338G	91	5.642G	92	5.707G
93	5.291G	94	5.377G	95	5.408G	96	5.463G
97	5.438G	98	5.460G	99	5.411G	100	5.351G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.648G	2	5.712G	3	5.650G	4	5.580G
5	5.265G	6	5.282G	7	5.630G	8	5.341G
9	5.398G	10	5.674G	11	5.561G	12	5.657G
13	5.512G	14	5.578G	15	5.574G	16	5.511G
17	5.280G	18	5.653G	19	5.300G	20	5.551G
21	5.406G	22	5.474G	23	5.550G	24	5.329G
25	5.330G	26	5.629G	27	5.464G	28	5.297G
29	5.448G	30	5.654G	31	5.644G	32	5.568G
33	5.477G	34	5.457G	35	5.299G	36	5.620G
37	5.548G	38	5.348G	39	5.374G	40	5.564G
41	5.503G	42	5.660G	43	5.715G	44	5.672G
45	5.460G	46	5.430G	47	5.452G	48	5.366G
49	5.696G	50	5.256G	51	5.408G	52	5.496G
53	5.705G	54	5.646G	55	5.558G	56	5.397G
57	5.253G	58	5.264G	59	5.328G	60	5.443G
61	5.614G	62	5.542G	63	5.634G	64	5.679G
65	5.515G	66	5.438G	67	5.301G	68	5.412G
69	5.706G	70	5.655G	71	5.446G	72	5.449G
73	5.594G	74	5.437G	75	5.254G	76	5.631G
77	5.628G	78	5.510G	79	5.388G	80	5.357G
81	5.447G	82	5.281G	83	5.342G	84	5.502G
85	5.415G	86	5.639G	87	5.362G	88	5.390G
89	5.621G	90	5.695G	91	5.380G	92	5.540G
93	5.563G	94	5.344G	95	5.671G	96	5.719G
97	5.658G	98	5.487G	99	5.318G	100	5.495G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.412G	2	5.676G	3	5.715G	4	5.384G
5	5.477G	6	5.546G	7	5.539G	8	5.635G
9	5.489G	10	5.554G	11	5.515G	12	5.394G
13	5.400G	14	5.363G	15	5.431G	16	5.370G
17	5.667G	18	5.446G	19	5.622G	20	5.722G
21	5.657G	22	5.598G	23	5.397G	24	5.297G
25	5.591G	26	5.563G	27	5.651G	28	5.581G
29	5.471G	30	5.416G	31	5.577G	32	5.675G
33	5.701G	34	5.346G	35	5.398G	36	5.562G
37	5.611G	38	5.420G	39	5.263G	40	5.440G
41	5.423G	42	5.669G	43	5.392G	44	5.387G
45	5.260G	46	5.381G	47	5.271G	48	5.323G
49	5.253G	50	5.498G	51	5.389G	52	5.289G
53	5.481G	54	5.480G	55	5.388G	56	5.695G
57	5.593G	58	5.452G	59	5.636G	60	5.691G
61	5.315G	62	5.724G	63	5.670G	64	5.652G
65	5.574G	66	5.294G	67	5.650G	68	5.623G
69	5.351G	70	5.250G	71	5.564G	72	5.571G
73	5.673G	74	5.493G	75	5.375G	76	5.494G
77	5.328G	78	5.613G	79	5.582G	80	5.684G
81	5.292G	82	5.530G	83	5.647G	84	5.366G
85	5.579G	86	5.335G	87	5.519G	88	5.404G
89	5.711G	90	5.270G	91	5.648G	92	5.544G
93	5.552G	94	5.283G	95	5.628G	96	5.275G
97	5.374G	98	5.464G	99	5.665G	100	5.424G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.596G	2	5.399G	3	5.410G	4	5.477G
5	5.656G	6	5.665G	7	5.343G	8	5.296G
9	5.394G	10	5.379G	11	5.297G	12	5.680G
13	5.554G	14	5.697G	15	5.568G	16	5.602G

17	5.615G	18	5.418G	19	5.716G	20	5.449G
21	5.722G	22	5.682G	23	5.327G	24	5.455G
25	5.511G	26	5.520G	27	5.559G	28	5.577G
29	5.393G	30	5.652G	31	5.416G	32	5.356G
33	5.681G	34	5.518G	35	5.452G	36	5.411G
37	5.501G	38	5.580G	39	5.724G	40	5.687G
41	5.662G	42	5.415G	43	5.335G	44	5.374G
45	5.495G	46	5.558G	47	5.663G	48	5.688G
49	5.433G	50	5.294G	51	5.457G	52	5.414G
53	5.340G	54	5.369G	55	5.448G	56	5.649G
57	5.328G	58	5.683G	59	5.707G	60	5.360G
61	5.629G	62	5.587G	63	5.385G	64	5.351G
65	5.290G	66	5.470G	67	5.295G	68	5.342G
69	5.489G	70	5.378G	71	5.494G	72	5.566G
73	5.447G	74	5.382G	75	5.637G	76	5.623G
77	5.661G	78	5.282G	79	5.398G	80	5.347G
81	5.560G	82	5.639G	83	5.510G	84	5.350G
85	5.714G	86	5.557G	87	5.263G	88	5.381G
89	5.308G	90	5.329G	91	5.439G	92	5.555G
93	5.586G	94	5.395G	95	5.551G	96	5.277G
97	5.412G	98	5.677G	99	5.630G	100	5.473G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.419G	2	5.434G	3	5.290G	4	5.257G
5	5.454G	6	5.279G	7	5.284G	8	5.598G
9	5.324G	10	5.660G	11	5.606G	12	5.526G
13	5.582G	14	5.301G	15	5.416G	16	5.641G
17	5.457G	18	5.443G	19	5.593G	20	5.706G
21	5.479G	22	5.716G	23	5.546G	24	5.494G
25	5.371G	26	5.309G	27	5.468G	28	5.615G
29	5.503G	30	5.268G	31	5.644G	32	5.677G
33	5.557G	34	5.519G	35	5.289G	36	5.277G
37	5.713G	38	5.437G	39	5.480G	40	5.254G
41	5.253G	42	5.297G	43	5.436G	44	5.405G
45	5.495G	46	5.715G	47	5.463G	48	5.724G

49	5.612G	50	5.341G	51	5.636G	52	5.355G
53	5.620G	54	5.452G	55	5.506G	56	5.420G
57	5.521G	58	5.527G	59	5.560G	60	5.687G
61	5.674G	62	5.719G	63	5.667G	64	5.619G
65	5.465G	66	5.444G	67	5.600G	68	5.680G
69	5.662G	70	5.501G	71	5.703G	72	5.722G
73	5.362G	74	5.700G	75	5.462G	76	5.607G
77	5.502G	78	5.692G	79	5.359G	80	5.343G
81	5.292G	82	5.346G	83	5.408G	84	5.395G
85	5.367G	86	5.699G	87	5.481G	88	5.642G
89	5.628G	90	5.350G	91	5.317G	92	5.357G
93	5.588G	94	5.330G	95	5.529G	96	5.250G
97	5.373G	98	5.532G	99	5.579G	100	5.488G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.588G	2	5.325G	3	5.695G	4	5.406G
5	5.327G	6	5.267G	7	5.441G	8	5.718G
9	5.296G	10	5.483G	11	5.312G	12	5.637G
13	5.461G	14	5.498G	15	5.453G	16	5.600G
17	5.506G	18	5.594G	19	5.706G	20	5.679G
21	5.479G	22	5.440G	23	5.394G	24	5.426G
25	5.555G	26	5.295G	27	5.552G	28	5.536G
29	5.655G	30	5.632G	31	5.703G	32	5.488G
33	5.316G	34	5.587G	35	5.606G	36	5.390G
37	5.544G	38	5.417G	39	5.607G	40	5.364G
41	5.627G	42	5.724G	43	5.333G	44	5.633G
45	5.385G	46	5.370G	47	5.704G	48	5.591G
49	5.297G	50	5.468G	51	5.459G	52	5.595G
53	5.629G	54	5.446G	55	5.473G	56	5.365G
57	5.463G	58	5.418G	59	5.386G	60	5.674G
61	5.410G	62	5.476G	63	5.358G	64	5.478G
65	5.720G	66	5.433G	67	5.470G	68	5.696G
69	5.348G	70	5.678G	71	5.644G	72	5.276G
73	5.712G	74	5.422G	75	5.723G	76	5.277G
77	5.721G	78	5.396G	79	5.533G	80	5.576G

81	5.344G	82	5.628G	83	5.666G	84	5.369G
85	5.256G	86	5.554G	87	5.262G	88	5.314G
89	5.504G	90	5.449G	91	5.624G	92	5.367G
93	5.568G	94	5.444G	95	5.330G	96	5.574G
97	5.642G	98	5.284G	99	5.322G	100	5.553G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.563G	2	5.630G	3	5.461G	4	5.307G
5	5.662G	6	5.469G	7	5.600G	8	5.432G
9	5.419G	10	5.651G	11	5.458G	12	5.705G
13	5.447G	14	5.421G	15	5.505G	16	5.332G
17	5.443G	18	5.276G	19	5.557G	20	5.300G
21	5.566G	22	5.275G	23	5.370G	24	5.584G
25	5.679G	26	5.335G	27	5.254G	28	5.402G
29	5.551G	30	5.334G	31	5.658G	32	5.548G
33	5.622G	34	5.422G	35	5.574G	36	5.427G
37	5.373G	38	5.352G	39	5.264G	40	5.301G
41	5.645G	42	5.361G	43	5.382G	44	5.448G
45	5.311G	46	5.724G	47	5.486G	48	5.450G
49	5.676G	50	5.330G	51	5.312G	52	5.425G
53	5.274G	54	5.471G	55	5.713G	56	5.452G
57	5.484G	58	5.468G	59	5.256G	60	5.449G
61	5.404G	62	5.281G	63	5.634G	64	5.292G
65	5.261G	66	5.611G	67	5.585G	68	5.543G
69	5.446G	70	5.695G	71	5.438G	72	5.561G
73	5.690G	74	5.269G	75	5.389G	76	5.553G
77	5.507G	78	5.656G	79	5.437G	80	5.289G
81	5.510G	82	5.623G	83	5.476G	84	5.400G
85	5.380G	86	5.412G	87	5.567G	88	5.657G
89	5.537G	90	5.667G	91	5.451G	92	5.493G
93	5.542G	94	5.270G	95	5.357G	96	5.251G
97	5.343G	98	5.296G	99	5.362G	100	5.489G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.447G	2	5.608G	3	5.313G	4	5.302G
5	5.285G	6	5.615G	7	5.426G	8	5.416G
9	5.629G	10	5.304G	11	5.525G	12	5.258G
13	5.693G	14	5.653G	15	5.472G	16	5.646G
17	5.694G	18	5.284G	19	5.518G	20	5.467G
21	5.721G	22	5.556G	23	5.597G	24	5.598G
25	5.720G	26	5.695G	27	5.440G	28	5.510G
29	5.712G	30	5.371G	31	5.379G	32	5.497G
33	5.280G	34	5.595G	35	5.307G	36	5.388G
37	5.321G	38	5.654G	39	5.684G	40	5.623G
41	5.516G	42	5.327G	43	5.669G	44	5.718G
45	5.589G	46	5.250G	47	5.635G	48	5.314G
49	5.593G	50	5.561G	51	5.395G	52	5.564G
53	5.576G	54	5.368G	55	5.394G	56	5.535G
57	5.429G	58	5.626G	59	5.458G	60	5.487G
61	5.431G	62	5.560G	63	5.316G	64	5.522G
65	5.546G	66	5.329G	67	5.621G	68	5.670G
69	5.306G	70	5.498G	71	5.641G	72	5.277G
73	5.396G	74	5.365G	75	5.571G	76	5.485G
77	5.276G	78	5.600G	79	5.457G	80	5.338G
81	5.322G	82	5.288G	83	5.399G	84	5.361G
85	5.290G	86	5.685G	87	5.661G	88	5.542G
89	5.433G	90	5.536G	91	5.357G	92	5.430G
93	5.267G	94	5.378G	95	5.442G	96	5.424G
97	5.554G	98	5.687G	99	5.360G	100	5.333G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.701G	2	5.379G	3	5.381G	4	5.693G
5	5.626G	6	5.428G	7	5.418G	8	5.488G
9	5.475G	10	5.447G	11	5.261G	12	5.619G
13	5.291G	14	5.598G	15	5.638G	16	5.517G

17	5.556G	18	5.368G	19	5.459G	20	5.552G
21	5.715G	22	5.597G	23	5.685G	24	5.431G
25	5.686G	26	5.353G	27	5.620G	28	5.317G
29	5.327G	30	5.480G	31	5.506G	32	5.549G
33	5.554G	34	5.586G	35	5.723G	36	5.424G
37	5.630G	38	5.376G	39	5.607G	40	5.560G
41	5.611G	42	5.315G	43	5.294G	44	5.440G
45	5.394G	46	5.623G	47	5.679G	48	5.494G
49	5.446G	50	5.412G	51	5.310G	52	5.588G
53	5.466G	54	5.410G	55	5.531G	56	5.645G
57	5.545G	58	5.497G	59	5.276G	60	5.640G
61	5.724G	62	5.266G	63	5.444G	64	5.251G
65	5.632G	66	5.651G	67	5.417G	68	5.343G
69	5.451G	70	5.662G	71	5.485G	72	5.712G
73	5.625G	74	5.414G	75	5.574G	76	5.629G
77	5.546G	78	5.489G	79	5.264G	80	5.300G
81	5.252G	82	5.518G	83	5.610G	84	5.660G
85	5.642G	86	5.617G	87	5.436G	88	5.512G
89	5.460G	90	5.663G	91	5.541G	92	5.704G
93	5.703G	94	5.522G	95	5.688G	96	5.313G
97	5.347G	98	5.669G	99	5.539G	100	5.533G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.320G	2	5.465G	3	5.685G	4	5.484G
5	5.426G	6	5.507G	7	5.517G	8	5.534G
9	5.329G	10	5.263G	11	5.378G	12	5.350G
13	5.376G	14	5.392G	15	5.697G	16	5.560G
17	5.543G	18	5.521G	19	5.481G	20	5.296G
21	5.635G	22	5.493G	23	5.666G	24	5.398G
25	5.554G	26	5.385G	27	5.585G	28	5.270G
29	5.496G	30	5.295G	31	5.288G	32	5.713G
33	5.422G	34	5.434G	35	5.603G	36	5.617G
37	5.265G	38	5.358G	39	5.383G	40	5.255G
41	5.342G	42	5.477G	43	5.367G	44	5.298G
45	5.669G	46	5.693G	47	5.324G	48	5.571G

49	5.485G	50	5.433G	51	5.711G	52	5.499G
53	5.417G	54	5.559G	55	5.722G	56	5.372G
57	5.455G	58	5.522G	59	5.423G	60	5.551G
61	5.562G	62	5.610G	63	5.520G	64	5.310G
65	5.699G	66	5.458G	67	5.535G	68	5.504G
69	5.661G	70	5.357G	71	5.404G	72	5.654G
73	5.313G	74	5.683G	75	5.391G	76	5.519G
77	5.709G	78	5.469G	79	5.701G	80	5.373G
81	5.659G	82	5.609G	83	5.482G	84	5.443G
85	5.291G	86	5.331G	87	5.616G	88	5.335G
89	5.631G	90	5.503G	91	5.526G	92	5.327G
93	5.368G	94	5.415G	95	5.692G	96	5.595G
97	5.645G	98	5.576G	99	5.292G	100	5.293G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.436G	2	5.679G	3	5.283G	4	5.523G
5	5.637G	6	5.459G	7	5.708G	8	5.264G
9	5.354G	10	5.263G	11	5.363G	12	5.410G
13	5.606G	14	5.594G	15	5.636G	16	5.688G
17	5.325G	18	5.546G	19	5.716G	20	5.575G
21	5.330G	22	5.317G	23	5.396G	24	5.539G
25	5.404G	26	5.319G	27	5.615G	28	5.362G
29	5.598G	30	5.687G	31	5.515G	32	5.554G
33	5.388G	34	5.645G	35	5.400G	36	5.612G
37	5.540G	38	5.288G	39	5.342G	40	5.496G
41	5.704G	42	5.609G	43	5.511G	44	5.433G
45	5.722G	46	5.452G	47	5.453G	48	5.277G
49	5.321G	50	5.562G	51	5.480G	52	5.271G
53	5.267G	54	5.604G	55	5.304G	56	5.657G
57	5.723G	58	5.444G	59	5.658G	60	5.542G
61	5.487G	62	5.695G	63	5.625G	64	5.661G
65	5.567G	66	5.610G	67	5.628G	68	5.476G
69	5.649G	70	5.344G	71	5.596G	72	5.358G
73	5.416G	74	5.537G	75	5.355G	76	5.393G
77	5.518G	78	5.349G	79	5.614G	80	5.701G

81	5.418G	82	5.482G	83	5.343G	84	5.705G
85	5.533G	86	5.334G	87	5.514G	88	5.407G
89	5.686G	90	5.552G	91	5.340G	92	5.692G
93	5.556G	94	5.603G	95	5.617G	96	5.660G
97	5.399G	98	5.574G	99	5.290G	100	5.256G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.447G	2	5.443G	3	5.533G	4	5.566G
5	5.387G	6	5.718G	7	5.685G	8	5.599G
9	5.440G	10	5.600G	11	5.454G	12	5.314G
13	5.710G	14	5.451G	15	5.354G	16	5.546G
17	5.499G	18	5.287G	19	5.623G	20	5.571G
21	5.273G	22	5.550G	23	5.644G	24	5.688G
25	5.659G	26	5.256G	27	5.416G	28	5.716G
29	5.471G	30	5.398G	31	5.413G	32	5.646G
33	5.579G	34	5.342G	35	5.519G	36	5.267G
37	5.470G	38	5.624G	39	5.310G	40	5.486G
41	5.611G	42	5.556G	43	5.396G	44	5.535G
45	5.543G	46	5.374G	47	5.696G	48	5.271G
49	5.618G	50	5.346G	51	5.265G	52	5.480G
53	5.717G	54	5.631G	55	5.709G	56	5.317G
57	5.365G	58	5.575G	59	5.681G	60	5.436G
61	5.483G	62	5.703G	63	5.439G	64	5.377G
65	5.269G	66	5.671G	67	5.313G	68	5.576G
69	5.548G	70	5.549G	71	5.252G	72	5.701G
73	5.642G	74	5.680G	75	5.657G	76	5.319G
77	5.564G	78	5.724G	79	5.694G	80	5.679G
81	5.665G	82	5.306G	83	5.393G	84	5.490G
85	5.412G	86	5.714G	87	5.698G	88	5.707G
89	5.432G	90	5.682G	91	5.268G	92	5.251G
93	5.337G	94	5.706G	95	5.295G	96	5.289G
97	5.292G	98	5.250G	99	5.444G	100	5.258G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.497G	2	5.296G	3	5.275G	4	5.719G
5	5.543G	6	5.519G	7	5.507G	8	5.628G
9	5.715G	10	5.327G	11	5.277G	12	5.588G
13	5.383G	14	5.429G	15	5.281G	16	5.312G
17	5.636G	18	5.264G	19	5.286G	20	5.308G
21	5.510G	22	5.463G	23	5.288G	24	5.422G
25	5.381G	26	5.600G	27	5.385G	28	5.670G
29	5.341G	30	5.313G	31	5.711G	32	5.542G
33	5.375G	34	5.709G	35	5.704G	36	5.558G
37	5.392G	38	5.423G	39	5.475G	40	5.615G
41	5.676G	42	5.579G	43	5.339G	44	5.511G
45	5.671G	46	5.330G	47	5.535G	48	5.659G
49	5.528G	50	5.472G	51	5.663G	52	5.625G
53	5.384G	54	5.366G	55	5.693G	56	5.657G
57	5.354G	58	5.538G	59	5.494G	60	5.355G
61	5.301G	62	5.613G	63	5.504G	64	5.295G
65	5.496G	66	5.575G	67	5.467G	68	5.364G
69	5.532G	70	5.486G	71	5.587G	72	5.522G
73	5.623G	74	5.466G	75	5.393G	76	5.560G
77	5.322G	78	5.482G	79	5.458G	80	5.464G
81	5.652G	82	5.428G	83	5.460G	84	5.414G
85	5.713G	86	5.687G	87	5.627G	88	5.365G
89	5.408G	90	5.323G	91	5.515G	92	5.593G
93	5.410G	94	5.549G	95	5.449G	96	5.612G
97	5.611G	98	5.348G	99	5.512G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.262G	2	5.405G	3	5.431G	4	5.561G
5	5.653G	6	5.279G	7	5.389G	8	5.274G
9	5.378G	10	5.466G	11	5.328G	12	5.564G
13	5.658G	14	5.336G	15	5.355G	16	5.629G

17	5.472G	18	5.412G	19	5.513G	20	5.572G
21	5.453G	22	5.392G	23	5.493G	24	5.441G
25	5.324G	26	5.383G	27	5.420G	28	5.265G
29	5.645G	30	5.556G	31	5.577G	32	5.305G
33	5.319G	34	5.393G	35	5.458G	36	5.680G
37	5.402G	38	5.674G	39	5.397G	40	5.524G
41	5.597G	42	5.417G	43	5.454G	44	5.463G
45	5.377G	46	5.434G	47	5.496G	48	5.659G
49	5.272G	50	5.685G	51	5.358G	52	5.651G
53	5.706G	54	5.414G	55	5.460G	56	5.289G
57	5.404G	58	5.308G	59	5.252G	60	5.363G
61	5.559G	62	5.643G	63	5.668G	64	5.702G
65	5.445G	66	5.633G	67	5.331G	68	5.584G
69	5.268G	70	5.256G	71	5.657G	72	5.703G
73	5.423G	74	5.543G	75	5.461G	76	5.544G
77	5.304G	78	5.554G	79	5.533G	80	5.296G
81	5.411G	82	5.574G	83	5.347G	84	5.692G
85	5.368G	86	5.620G	87	5.536G	88	5.510G
89	5.273G	90	5.447G	91	5.616G	92	5.451G
93	5.586G	94	5.477G	95	5.263G	96	5.481G
97	5.346G	98	5.364G	99	5.409G	100	5.449G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.672G	2	5.600G	3	5.304G	4	5.313G
5	5.459G	6	5.490G	7	5.316G	8	5.710G
9	5.427G	10	5.665G	11	5.571G	12	5.652G
13	5.298G	14	5.444G	15	5.336G	16	5.355G
17	5.528G	18	5.323G	19	5.543G	20	5.664G
21	5.252G	22	5.484G	23	5.569G	24	5.540G
25	5.656G	26	5.624G	27	5.297G	28	5.526G
29	5.367G	30	5.678G	31	5.512G	32	5.705G
33	5.265G	34	5.431G	35	5.591G	36	5.342G
37	5.312G	38	5.409G	39	5.619G	40	5.434G
41	5.348G	42	5.534G	43	5.565G	44	5.562G
45	5.250G	46	5.275G	47	5.515G	48	5.507G

49	5.306G	50	5.296G	51	5.464G	52	5.616G
53	5.360G	54	5.274G	55	5.283G	56	5.400G
57	5.393G	58	5.580G	59	5.442G	60	5.691G
61	5.636G	62	5.257G	63	5.439G	64	5.358G
65	5.645G	66	5.596G	67	5.371G	68	5.374G
69	5.425G	70	5.454G	71	5.414G	72	5.651G
73	5.531G	74	5.362G	75	5.301G	76	5.253G
77	5.702G	78	5.706G	79	5.684G	80	5.703G
81	5.612G	82	5.583G	83	5.426G	84	5.581G
85	5.339G	86	5.510G	87	5.366G	88	5.666G
89	5.714G	90	5.359G	91	5.695G	92	5.693G
93	5.630G	94	5.435G	95	5.604G	96	5.606G
97	5.675G	98	5.449G	99	5.650G	100	5.333G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.540G	2	5.672G	3	5.718G	4	5.422G
5	5.308G	6	5.398G	7	5.338G	8	5.311G
9	5.682G	10	5.586G	11	5.613G	12	5.669G
13	5.357G	14	5.429G	15	5.299G	16	5.534G
17	5.498G	18	5.724G	19	5.713G	20	5.262G
21	5.384G	22	5.670G	23	5.270G	24	5.372G
25	5.321G	26	5.519G	27	5.616G	28	5.423G
29	5.458G	30	5.327G	31	5.662G	32	5.343G
33	5.390G	34	5.302G	35	5.522G	36	5.353G
37	5.653G	38	5.346G	39	5.617G	40	5.628G
41	5.564G	42	5.274G	43	5.431G	44	5.544G
45	5.354G	46	5.331G	47	5.389G	48	5.377G
49	5.660G	50	5.488G	51	5.287G	52	5.365G
53	5.432G	54	5.386G	55	5.538G	56	5.638G
57	5.568G	58	5.521G	59	5.642G	60	5.634G
61	5.496G	62	5.527G	63	5.382G	64	5.337G
65	5.636G	66	5.690G	67	5.643G	68	5.695G
69	5.489G	70	5.535G	71	5.567G	72	5.301G
73	5.677G	74	5.688G	75	5.692G	76	5.416G
77	5.712G	78	5.319G	79	5.480G	80	5.585G

81	5.320G	82	5.646G	83	5.584G	84	5.272G
85	5.697G	86	5.588G	87	5.463G	88	5.361G
89	5.532G	90	5.572G	91	5.443G	92	5.487G
93	5.293G	94	5.590G	95	5.453G	96	5.668G
97	5.452G	98	5.706G	99	5.252G	100	5.611G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.710G	2	5.696G	3	5.604G	4	5.301G
5	5.326G	6	5.325G	7	5.418G	8	5.479G
9	5.413G	10	5.540G	11	5.533G	12	5.724G
13	5.682G	14	5.608G	15	5.359G	16	5.457G
17	5.617G	18	5.594G	19	5.429G	20	5.286G
21	5.537G	22	5.518G	23	5.266G	24	5.465G
25	5.333G	26	5.443G	27	5.315G	28	5.717G
29	5.695G	30	5.614G	31	5.678G	32	5.722G
33	5.502G	34	5.564G	35	5.702G	36	5.339G
37	5.263G	38	5.499G	39	5.448G	40	5.383G
41	5.616G	42	5.519G	43	5.377G	44	5.282G
45	5.635G	46	5.653G	47	5.425G	48	5.611G
49	5.268G	50	5.569G	51	5.483G	52	5.460G
53	5.316G	54	5.395G	55	5.623G	56	5.410G
57	5.314G	58	5.583G	59	5.430G	60	5.522G
61	5.300G	62	5.615G	63	5.576G	64	5.470G
65	5.510G	66	5.559G	67	5.411G	68	5.552G
69	5.645G	70	5.387G	71	5.677G	72	5.419G
73	5.446G	74	5.582G	75	5.607G	76	5.554G
77	5.638G	78	5.545G	79	5.442G	80	5.707G
81	5.660G	82	5.642G	83	5.572G	84	5.405G
85	5.364G	86	5.612G	87	5.303G	88	5.646G
89	5.679G	90	5.293G	91	5.348G	92	5.297G
93	5.264G	94	5.436G	95	5.526G	96	5.361G
97	5.403G	98	5.675G	99	5.630G	100	5.274G

IEEE 802.11AC 40MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 100.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	23	1.1u	164.0u	Yes
2	25	3.6u	175.0u	Yes
3	28	2.9u	172.0u	Yes
4	24	4.4u	213.0u	Yes
5	25	4.1u	198.0u	Yes
6	23	3.6u	227.0u	Yes
7	23	2.9u	171.0u	Yes
8	26	3.7u	223.0u	Yes
9	24	1.4u	196.0u	Yes
10	25	1.3u	204.0u	Yes
11	26	3.8u	204.0u	Yes
12	26	3.2u	209.0u	Yes
13	25	3.6u	161.0u	No
14	23	2.2u	215.0u	Yes
15	27	2.8u	178.0u	Yes
16	26	1.1u	176.0u	Yes
17	24	2.1u	199.0u	Yes
18	25	3.1u	211.0u	Yes
19	26	4.3u	195.0u	Yes
20	24	2.5u	197.0u	Yes
21	25	4.0u	211.0u	Yes
22	27	1.1u	164.0u	Yes
23	28	4.6u	166.0u	Yes
24	27	3.1u	178.0u	Yes
25	29	5.0u	210.0u	Yes
26	28	4.7u	172.0u	Yes
27	25	1.4u	223.0u	Yes
28	27	3.4u	225.0u	No
29	25	4.8u	185.0u	Yes
30	25	1.1u	200.0u	Yes
Detection Rate: 93.3 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.5u	205.0u	Yes
2	17	7.8u	222.0u	Yes
3	16	10.0u	249.0u	Yes
4	17	9.9u	411.0u	Yes
5	18	7.9u	380.0u	Yes
6	18	9.9u	455.0u	Yes
7	18	9.8u	205.0u	Yes
8	18	9.2u	262.0u	Yes
9	17	7.3u	489.0u	Yes
10	18	7.7u	333.0u	Yes
11	18	9.7u	236.0u	Yes
12	17	9.1u	241.0u	Yes
13	18	8.6u	248.0u	Yes
14	17	6.1u	270.0u	Yes
15	17	9.1u	490.0u	Yes
16	17	7.0u	331.0u	Yes
17	16	8.7u	340.0u	Yes
18	16	6.2u	293.0u	Yes
19	18	7.8u	439.0u	Yes
20	16	8.5u	446.0u	Yes
21	17	9.0u	216.0u	Yes
22	18	8.0u	266.0u	Yes
23	17	7.5u	471.0u	Yes
24	16	7.1u	445.0u	Yes
25	17	9.2u	412.0u	Yes
26	17	7.8u	264.0u	Yes
27	16	7.9u	325.0u	Yes
28	16	8.5u	408.0u	No
29	16	6.1u	392.0u	Yes
30	18	9.8u	271.0u	Yes
Detection Rate: 96.7 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	11.2u	285.0u	No
2	16	18.8u	303.0u	Yes
3	13	15.6u	328.0u	Yes
4	13	17.7u	256.0u	Yes
5	15	17.8u	369.0u	Yes
6	15	18.7u	444.0u	Yes
7	16	15.4u	462.0u	No
8	14	18.1u	267.0u	No
9	15	13.6u	314.0u	Yes
10	12	17.2u	295.0u	Yes
11	13	11.2u	263.0u	Yes
12	15	16.9u	394.0u	Yes
13	16	18.8u	234.0u	Yes
14	14	13.8u	235.0u	Yes
15	12	18.4u	470.0u	Yes
16	13	17.9u	240.0u	No
17	12	14.8u	271.0u	Yes
18	15	17.5u	310.0u	Yes
19	14	17.5u	338.0u	Yes
20	12	19.3u	423.0u	Yes
21	14	11.3u	461.0u	Yes
22	13	14.0u	311.0u	Yes
23	13	13.4u	464.0u	Yes
24	12	11.5u	458.0u	Yes
25	12	12.8u	303.0u	Yes
26	15	13.8u	313.0u	No
27	13	15.4u	499.0u	Yes
28	15	16.4u	397.0u	Yes
29	14	17.3u	256.0u	Yes
30	13	18.1u	413.0u	Yes
Detection Rate: 83.3 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	No
2	LP_Signal_02	No
3	LP_Signal_03	No
4	LP_Signal_04	No
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 86.7 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5495MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	71.9u	1.696m	1.345m	200.1m
2	1	14M	73.9u	-	-	126.0m
3	3	13M	64.6u	1.351m	1.604m	634.5m
4	3	14M	52.2u	1.138m	1.880m	106.1m
5	2	7M	96.8u	1.678m	-	311.0m
6	2	13M	67.5u	1.397m	-	498.3m
7	2	6M	89.7u	1.173m	-	522.1m
8	1	12M	80.4u	-	-	38.70m
9	1	8M	62.4u	-	-	162.9m
10	3	13M	57.0u	1.223m	1.561m	457.0m
11	1	18M	59.3u	-	-	468.4m
12	3	19M	71.1u	1.061m	1.228m	115.2m
13	2	11M	94.2u	1.512m	-	628.8m
14	3	19M	74.4u	1.522m	1.207m	499.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5496MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	99.2u	1.725m	1.369m	273.0m
2	3	11M	94.4u	1.584m	1.300m	42.60m
3	3	8M	68.3u	1.775m	1.857m	178.7m
4	2	6M	95.2u	956.8u	-	384.3m
5	1	17M	91.8u	-	-	620.6m
6	2	12M	52.2u	1.683m	-	219.6m
7	3	19M	55.6u	1.391m	1.101m	348.0m

8	2	9M	50.3u	1.660m	-	172.6m
9	1	14M	68.0u	-	-	396.6m
10	2	7M	93.8u	1.681m	-	114.1m
11	3	12M	94.6u	1.197m	979.4u	694.6m
12	2	9M	54.4u	1.937m	-	70.30m
13	2	8M	84.1u	1.501m	-	89.55m
14	1	14M	63.8u	-	-	164.5m
15	2	12M	60.8u	983.2u	-	24.73m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 8 Chrip Center Frequency: 5497MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	59.1u	1.348m	-	762.3m
2	3	12M	89.3u	940.7u	1.042m	64.42m
3	2	10M	72.7u	1.400m	-	1.364
4	3	9M	51.1u	1.093m	1.088m	735.3m
5	2	8M	80.3u	1.471m	-	216.7m
6	2	17M	58.8u	1.063m	-	1.023
7	2	12M	79.3u	1.090m	-	1.101
8	3	7M	79.6u	1.742m	1.290m	1.295

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 9 Chrip Center Frequency: 5498MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	83.2u	955.8u	-	34.42m
2	3	16M	58.0u	1.222m	1.841m	519.3m
3	2	8M	88.6u	1.429m	-	642.9m
4	2	18M	74.5u	1.888m	-	59.13m
5	3	12M	63.1u	1.314m	1.108m	604.0m

6	2	11M	90.4u	1.667m	-	803.3m
7	3	19M	67.7u	1.848m	1.874m	1.142
8	2	9M	51.5u	1.518m	-	1.218
9	3	15M	56.4u	1.901m	1.855m	1.064

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 20						
Chrip Center Frequency: 5499MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	5M	74.5u	1.801m	1.535m	95.70m
2	1	7M	55.3u	-	-	337.8m
3	1	12M	78.6u	-	-	276.4m
4	2	12M	64.0u	1.170m	-	495.7m
5	2	8M	78.4u	1.009m	-	339.4m
6	1	14M	73.9u	-	-	236.3m
7	2	5M	60.5u	1.850m	-	470.5m
8	1	9M	71.8u	-	-	527.3m
9	3	8M	56.6u	1.404m	1.698m	594.0m
10	3	20M	83.1u	1.583m	1.158m	278.4m
11	2	18M	58.1u	1.599m	-	550.9m
12	3	13M	73.6u	976.4u	1.437m	500.7m
13	2	12M	92.3u	1.101m	-	292.7m
14	3	5M	58.2u	1.065m	1.258m	421.6m
15	1	10M	74.6u	-	-	135.7m
16	2	9M	84.3u	1.460m	-	346.6m
17	2	18M	81.1u	955.9u	-	454.5m
18	2	19M	68.5u	1.726m	-	183.9m
19	3	20M	51.4u	1.395m	1.818m	500.9m
20	3	9M	59.9u	1.135m	1.105m	92.77m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	80.5u	1.172m	-	1.074
2	2	19M	60.8u	1.545m	-	753.7m
3	1	10M	55.1u	-	-	634.8m
4	3	18M	85.6u	1.771m	1.733m	474.1m
5	2	14M	94.4u	1.171m	-	274.4m
6	2	10M	99.4u	1.678m	-	107.2m
7	2	11M	57.6u	1.152m	-	296.0m
8	2	12M	79.3u	1.097m	-	792.1m
9	1	11M	51.4u	-	-	776.8m
10	2	6M	63.2u	1.838m	-	870.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5501MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	57.2u	1.654m	-	200.8m
2	2	7M	61.5u	1.424m	-	536.7m
3	2	13M	99.6u	1.370m	-	196.5m
4	1	17M	89.7u	-	-	653.8m
5	3	17M	88.6u	1.893m	1.465m	523.0m
6	3	11M	87.2u	1.102m	1.664m	127.3m
7	3	16M	87.4u	918.6u	1.117m	151.4m
8	3	19M	58.8u	1.419m	1.474m	47.62m
9	3	20M	54.5u	1.226m	1.335m	177.1m
10	2	12M	91.7u	1.347m	-	472.5m
11	2	15M	96.6u	1.077m	-	272.9m

12	1	11M	63.9u	-	-	258.9m
13	3	17M	67.0u	1.280m	1.874m	400.0m
14	2	18M	51.3u	1.182m	-	597.1m
15	1	17M	68.6u	-	-	133.9m
16	2	9M	63.3u	1.633m	-	141.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 Number of Bursts in Trial: 16 Chrip Center Frequency: 5502MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	55.9u	-	-	744.5m
2	1	17M	86.5u	-	-	547.2m
3	2	19M	53.3u	1.432m	-	310.6m
4	1	6M	77.6u	-	-	87.28m
5	3	14M	83.2u	1.811m	1.425m	437.3m
6	2	14M	60.0u	1.485m	-	4.408m
7	1	10M	50.4u	-	-	702.4m
8	1	9M	77.2u	-	-	102.2m
9	3	16M	77.9u	1.312m	1.256m	341.5m
10	1	13M	50.9u	-	-	188.5m
11	1	17M	90.9u	-	-	251.8m
12	1	18M	57.1u	-	-	478.9m
13	3	5M	99.3u	1.754m	1.733m	694.5m
14	3	6M	51.3u	1.940m	1.612m	639.5m
15	2	10M	76.3u	1.102m	-	5.265m
16	2	18M	77.8u	1.050m	-	641.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5503MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	53.0u	-	-	720.9m
2	1	18M	81.6u	-	-	159.3m
3	3	15M	97.2u	1.521m	1.793m	236.4m
4	3	15M	63.9u	1.784m	1.806m	57.34m
5	1	6M	65.1u	-	-	51.95m
6	2	20M	93.5u	1.535m	-	703.5m
7	1	14M	97.2u	-	-	321.1m
8	2	9M	62.9u	1.242m	-	107.6m
9	1	17M	75.4u	-	-	164.0u
10	2	13M	59.9u	1.355m	-	236.9m
11	3	7M	90.8u	1.426m	1.595m	463.5m
12	2	10M	59.8u	1.173m	-	298.3m
13	2	14M	69.0u	989.0u	-	699.8m
14	2	11M	91.4u	1.363m	-	66.45m
15	2	7M	79.5u	1.898m	-	399.2m
16	3	15M	56.5u	1.893m	1.272m	322.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5504MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	92.7u	-	-	561.3m
2	2	14M	58.0u	1.147m	-	263.3m
3	1	9M	74.5u	-	-	13.19m
4	2	11M	88.4u	1.540m	-	675.6m
5	2	15M	93.6u	1.406m	-	140.9m

6	2	15M	71.9u	1.574m	-	37.72m
7	1	16M	73.8u	-	-	378.7m
8	2	17M	73.4u	1.332m	-	489.9m
9	1	15M	73.7u	-	-	176.9m
10	1	15M	65.4u	-	-	348.8m
11	1	17M	57.9u	-	-	315.2m
12	3	11M	67.2u	1.436m	1.269m	94.67m
13	1	17M	70.1u	-	-	457.5m
14	2	12M	77.2u	1.065m	-	728.2m
15	2	20M	95.4u	1.614m	-	509.1m
16	2	7M	59.5u	1.435m	-	532.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5505MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	55.4u	1.914m	-	595.7m
2	2	15M	99.2u	1.364m	-	110.0m
3	3	7M	82.3u	1.446m	1.714m	386.9m
4	1	15M	99.1u	-	-	834.0m
5	3	8M	61.4u	1.855m	1.039m	845.1m
6	1	9M	82.3u	-	-	90.27m
7	1	6M	84.9u	-	-	299.8m
8	2	17M	99.0u	1.455m	-	953.7m
9	2	20M	71.1u	1.138m	-	678.1m
10	2	12M	85.4u	988.6u	-	531.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 19						
Chrip Center Frequency: 5506MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)

1	3	14M	64.0u	1.328m	1.240m	554.4m
2	2	9M	97.1u	1.314m	-	171.0m
3	3	12M	58.0u	1.690m	1.334m	582.3m
4	2	10M	57.6u	1.755m	-	88.35m
5	1	14M	74.4u	-	-	64.63m
6	1	5M	52.6u	-	-	331.7m
7	1	16M	83.4u	-	-	359.3m
8	3	6M	93.3u	1.130m	1.447m	150.2m
9	3	5M	87.2u	1.641m	1.409m	60.79m
10	2	18M	97.1u	1.212m	-	229.7m
11	3	13M	63.1u	1.337m	1.167m	160.7m
12	2	16M	67.5u	1.607m	-	229.7m
13	1	16M	81.5u	-	-	267.4m
14	1	10M	69.1u	-	-	184.2m
15	2	12M	97.8u	1.878m	-	405.5m
16	2	13M	98.0u	1.432m	-	77.38m
17	1	17M	55.4u	-	-	318.8m
18	2	18M	89.2u	1.564m	-	439.5m
19	2	14M	85.7u	1.592m	-	427.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5507MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	84.3u	1.015m	1.584m	512.6m
2	2	18M	71.7u	1.441m	-	366.5m
3	3	12M	88.6u	1.849m	1.557m	77.56m
4	1	11M	58.5u	-	-	513.8m
5	2	19M	64.6u	1.415m	-	271.6m
6	1	17M	80.0u	-	-	561.7m
7	2	15M	59.0u	1.052m	-	261.4m
8	1	7M	55.5u	-	-	340.7m
9	2	16M	84.4u	1.261m	-	825.9m
10	2	6M	58.7u	1.361m	-	247.2m

11	3	15M	94.6u	1.460m	1.035m	78.44m
12	1	13M	93.4u	-	-	776.3m
13	3	12M	64.6u	1.109m	946.4u	62.24m
14	2	8M	94.8u	1.767m	-	205.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5508MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	20M	83.5u	-	-	700.5m
2	1	15M	61.4u	-	-	401.1m
3	2	15M	95.1u	1.364m	-	379.2m
4	1	7M	80.9u	-	-	1.267
5	2	17M	51.1u	1.521m	-	768.2m
6	1	15M	81.4u	-	-	788.3m
7	2	7M	90.5u	1.022m	-	455.4m
8	3	7M	76.9u	1.678m	1.697m	1.292
9	2	15M	57.3u	1.194m	-	474.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5509MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	87.5u	1.834m	-	528.0m
2	3	10M	80.9u	1.112m	1.285m	617.2m
3	2	19M	59.5u	1.631m	-	795.9m
4	3	11M	89.5u	1.094m	1.200m	869.9m
5	2	14M	64.9u	1.159m	-	723.0m
6	2	17M	96.6u	922.4u	-	449.7m
7	2	15M	97.5u	1.602m	-	349.7m
8	2	18M	74.5u	1.192m	-	196.0m

9	3	9M	62.7u	1.920m	1.122m	117.7m
10	3	18M	62.7u	1.804m	1.629m	781.1m
11	3	15M	68.7u	1.476m	948.3u	718.4m
12	1	13M	75.3u	-	-	70.18m
13	2	8M	67.6u	1.029m	-	880.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 19						
Chrip Center Frequency: 5510MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	94.2u	1.779m	-	265.6m
2	2	13M	75.9u	1.591m	-	314.7m
3	2	14M	98.5u	1.134m	-	320.1m
4	2	8M	67.2u	1.153m	-	65.90m
5	2	10M	62.4u	1.506m	-	532.5m
6	1	19M	64.0u	-	-	475.7m
7	1	5M	61.4u	-	-	621.8m
8	1	17M	52.6u	-	-	94.58m
9	2	10M	69.4u	1.681m	-	577.5m
10	2	19M	56.3u	1.344m	-	133.4m
11	1	18M	98.7u	-	-	98.32m
12	1	16M	91.4u	-	-	441.0m
13	1	11M	86.5u	-	-	56.02m
14	3	9M	81.8u	1.334m	1.219m	399.7m
15	2	18M	63.6u	1.483m	-	364.2m
16	3	14M	94.2u	1.617m	1.243m	248.4m
17	1	10M	92.3u	-	-	540.1m
18	1	11M	60.6u	-	-	328.8m
19	2	15M	75.1u	1.621m	-	106.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5511MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	64.5u	1.329m	1.092m	1.157
2	1	16M	96.4u	-	-	495.2m
3	2	13M	67.7u	1.455m	-	312.7m
4	3	5M	83.4u	1.666m	1.023m	815.7m
5	2	7M	56.3u	1.091m	-	1.070
6	3	8M	53.4u	1.397m	1.374m	310.0m
7	1	9M	99.9u	-	-	286.3m
8	2	13M	91.7u	1.404m	-	19.19m
9	3	16M	56.6u	1.123m	1.647m	926.5m
10	2	5M	90.6u	1.690m	-	1.087

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5512MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	71.0u	1.250m	-	804.1m
2	2	11M	94.2u	982.8u	-	1.139
3	1	13M	86.4u	-	-	529.4m
4	1	15M	69.1u	-	-	128.5m
5	2	12M	51.0u	1.147m	-	973.7m
6	1	14M	89.9u	-	-	582.8m
7	3	15M	78.4u	1.288m	1.103m	85.17m
8	2	17M	70.0u	1.515m	-	1.050
9	1	12M	78.3u	-	-	1.049
10	3	6M	61.6u	1.456m	1.178m	421.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 18						
Chrip Center Frequency: 5513MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	83.5u	-	-	59.87m
2	2	15M	64.0u	1.443m	-	182.5m
3	1	14M	79.3u	-	-	163.9m
4	1	19M	63.6u	-	-	474.3m
5	2	11M	60.2u	1.501m	-	490.2m
6	2	11M	58.9u	1.249m	-	226.1m
7	1	10M	90.4u	-	-	240.9m
8	3	8M	91.3u	1.601m	1.028m	547.9m
9	2	13M	84.2u	987.8u	-	481.1m
10	1	13M	76.6u	-	-	163.4m
11	1	6M	52.1u	-	-	268.2m
12	3	10M	79.4u	1.015m	1.513m	230.5m
13	3	6M	96.9u	1.837m	1.677m	220.5m
14	1	12M	91.2u	-	-	574.4m
15	2	18M	69.3u	1.427m	-	157.2m
16	2	20M	64.6u	1.328m	-	469.7m
17	2	11M	74.4u	1.072m	-	103.2m
18	2	13M	96.7u	1.153m	-	137.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 12						
Chrip Center Frequency: 5514MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	52.5u	1.522m	-	843.7m
2	3	8M	97.7u	1.473m	1.088m	285.1m
3	2	17M	96.9u	1.320m	-	519.6m
4	3	7M	96.7u	1.413m	1.175m	493.7m

5	1	7M	95.4u	-	-	54.76m
6	2	19M	81.6u	1.324m	-	675.1m
7	2	8M	87.5u	1.903m	-	415.6m
8	3	12M	67.7u	1.197m	1.150m	269.0m
9	3	18M	61.0u	1.432m	1.625m	23.96m
10	2	10M	59.4u	1.419m	-	407.4m
11	2	7M	82.3u	1.099m	-	218.9m
12	1	15M	99.7u	-	-	241.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5515MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	96.7u	1.589m	-	453.5m
2	2	17M	83.2u	1.110m	-	746.3m
3	2	14M	67.8u	1.566m	-	1.284
4	3	13M	69.2u	1.639m	1.427m	1.046
5	2	18M	74.0u	1.702m	-	1.311
6	3	16M	61.1u	1.913m	1.659m	670.3m
7	2	13M	75.0u	1.593m	-	789.3m
8	1	15M	52.8u	-	-	559.6m
9	3	17M	51.8u	1.880m	1.034m	440.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5516MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	92.9u	1.807m	1.738m	743.4m
2	2	7M	52.1u	950.9u	-	308.9m
3	2	11M	92.7u	1.219m	-	375.8m
4	1	10M	69.9u	-	-	476.5m

5	2	16M	85.2u	1.508m	-	344.9m
6	1	14M	62.4u	-	-	270.6m
7	1	14M	70.8u	-	-	536.2m
8	2	12M	53.0u	1.709m	-	537.0m
9	3	9M	94.6u	1.630m	977.4u	171.4m
10	2	17M	81.3u	1.527m	-	339.5m
11	2	15M	65.9u	1.325m	-	526.0m
12	2	16M	63.8u	1.144m	-	288.7m
13	2	15M	72.1u	1.299m	-	588.9m
14	2	6M	72.8u	1.463m	-	155.9m
15	2	18M	97.7u	1.009m	-	24.54m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5517MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	88.8u	975.2u	1.879m	674.0m
2	3	8M	65.0u	1.592m	970.0u	948.0m
3	2	11M	61.8u	1.156m	-	669.5m
4	2	10M	66.2u	1.373m	-	972.9m
5	2	17M	53.3u	1.944m	-	1.046
6	1	18M	58.7u	-	-	669.8m
7	3	6M	92.9u	1.107m	1.400m	486.9m
8	2	10M	84.1u	930.9u	-	546.9m
9	1	12M	84.5u	-	-	281.4m
10	3	11M	98.2u	1.092m	1.400m	154.1m
11	1	18M	91.7u	-	-	86.20m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5518MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	65.8u	1.731m	-	710.0m
2	3	9M	83.6u	1.327m	1.708m	811.3m
3	2	16M	96.4u	1.421m	-	461.1m
4	2	18M	69.5u	1.716m	-	479.4m
5	1	19M	77.6u	-	-	315.7m
6	3	16M	50.1u	1.840m	1.399m	114.7m
7	2	9M	81.7u	1.685m	-	295.7m
8	1	19M	95.8u	-	-	140.7m
9	2	15M	77.1u	973.9u	-	71.28m
10	1	12M	78.5u	-	-	165.8m
11	2	19M	91.7u	1.580m	-	147.5m
12	1	10M	99.5u	-	-	390.9m
13	2	11M	91.2u	1.560m	-	454.8m
14	2	13M	57.9u	1.052m	-	237.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5519MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	56.4u	1.659m	1.306m	53.50m
2	2	14M	55.0u	1.884m	-	481.6m
3	3	10M	54.0u	1.727m	1.915m	769.9m
4	2	15M	88.5u	1.692m	-	240.0m
5	2	17M	79.9u	1.896m	-	482.0m
6	1	16M	82.3u	-	-	406.2m
7	2	10M	91.9u	1.828m	-	516.5m

8	2	18M	76.9u	1.095m	-	914.2m
9	2	10M	84.2u	1.626m	-	831.6m
10	1	17M	57.8u	-	-	171.3m
11	2	13M	53.4u	1.467m	-	615.3m
12	1	17M	86.7u	-	-	390.4m
13	2	14M	68.3u	1.345m	-	225.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5520MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	59.3u	1.077m	1.659m	592.3m
2	3	11M	90.2u	1.634m	1.099m	206.4m
3	1	10M	90.8u	-	-	561.5m
4	3	16M	85.7u	1.195m	1.380m	929.1m
5	1	9M	70.0u	-	-	656.0m
6	1	6M	69.4u	-	-	899.5m
7	2	7M	77.2u	1.446m	-	753.2m
8	2	13M	78.0u	1.455m	-	915.7m
9	1	7M	88.7u	-	-	15.09m
10	2	7M	74.5u	1.492m	-	29.57m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	94.4u	-	-	426.4m
2	2	16M	72.5u	1.141m	-	683.6m
3	2	17M	57.2u	1.894m	-	48.52m
4	2	10M	87.3u	1.748m	-	737.9m
5	1	15M	92.5u	-	-	570.9m
6	2	14M	92.1u	1.163m	-	463.6m

7	2	17M	63.5u	1.339m	-	579.7m
8	2	10M	80.7u	1.635m	-	739.9m
9	1	17M	70.0u	-	-	753.0m
10	1	17M	99.0u	-	-	224.1m
11	3	7M	75.2u	1.891m	1.845m	303.4m
12	2	13M	59.4u	1.092m	-	429.8m
13	2	12M	76.4u	1.186m	-	446.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 9 Chrip Center Frequency: 5522MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	82.8u	1.282m	-	39.89m
2	1	18M	90.3u	-	-	769.1m
3	3	12M	72.9u	1.395m	1.135m	1.027
4	3	16M	57.8u	1.871m	1.888m	90.61m
5	1	8M	63.3u	-	-	1.099
6	2	16M	54.9u	1.913m	-	746.2m
7	3	11M	96.8u	1.543m	1.807m	953.9m
8	2	13M	91.1u	1.207m	-	288.0m
9	1	9M	95.0u	-	-	297.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 17 Chrip Center Frequency: 5524MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	96.4u	1.140m	1.170m	572.0m
2	3	10M	87.5u	1.373m	1.163m	86.21m
3	2	19M	81.1u	1.852m	-	357.0m
4	2	12M	85.2u	1.382m	-	348.4m
5	2	19M	75.2u	1.448m	-	299.2m

6	3	13M	91.7u	958.3u	1.276m	442.7m
7	2	17M	93.8u	1.804m	-	648.2m
8	3	6M	89.8u	1.021m	1.675m	235.0m
9	2	12M	89.6u	1.109m	-	27.03m
10	1	18M	98.4u	-	-	484.5m
11	1	19M	50.7u	-	-	667.8m
12	2	8M	71.0u	1.587m	-	525.9m
13	2	6M	74.5u	1.767m	-	353.3m
14	1	15M	55.7u	-	-	604.3m
15	2	15M	67.0u	1.351m	-	538.5m
16	1	14M	69.8u	-	-	52.47m
17	2	17M	64.7u	1.091m	-	606.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5525MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	65.9u	1.145m	-	678.0m
2	2	5M	85.5u	1.239m	-	49.34m
3	2	17M	57.8u	1.891m	-	210.9m
4	2	8M	58.6u	1.839m	-	1.166
5	2	7M	78.1u	994.9u	-	420.2m
6	2	9M	87.1u	1.804m	-	459.1m
7	2	5M	88.6u	1.126m	-	214.6m
8	2	11M	63.3u	1.010m	-	605.9m
9	3	11M	78.8u	1.560m	930.2u	411.2m

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	Yes
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 100.0 %

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
Detection Rate: 100.0 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.436G	3	5.442G	4	5.696G
5	5.429G	6	5.619G	7	5.295G	8	5.262G
9	5.555G	10	5.264G	11	5.317G	12	5.434G
13	5.335G	14	5.482G	15	5.426G	16	5.300G
17	5.614G	18	5.599G	19	5.474G	20	5.253G
21	5.293G	22	5.573G	23	5.336G	24	5.308G
25	5.627G	26	5.320G	27	5.362G	28	5.419G
29	5.548G	30	5.588G	31	5.440G	32	5.428G
33	5.455G	34	5.269G	35	5.583G	36	5.624G
37	5.723G	38	5.649G	39	5.268G	40	5.450G
41	5.497G	42	5.431G	43	5.584G	44	5.430G
45	5.427G	46	5.694G	47	5.414G	48	5.316G
49	5.623G	50	5.685G	51	5.473G	52	5.722G
53	5.625G	54	5.273G	55	5.298G	56	5.542G
57	5.635G	58	5.438G	59	5.618G	60	5.658G
61	5.441G	62	5.453G	63	5.489G	64	5.361G
65	5.672G	66	5.638G	67	5.301G	68	5.346G
69	5.687G	70	5.332G	71	5.266G	72	5.312G
73	5.506G	74	5.714G	75	5.591G	76	5.496G
77	5.576G	78	5.563G	79	5.564G	80	5.479G
81	5.345G	82	5.605G	83	5.617G	84	5.439G
85	5.490G	86	5.721G	87	5.664G	88	5.632G
89	5.373G	90	5.710G	91	5.574G	92	5.592G
93	5.363G	94	5.720G	95	5.286G	96	5.302G
97	5.477G	98	5.634G	99	5.504G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.309G	2	5.299G	3	5.286G	4	5.274G
5	5.591G	6	5.538G	7	5.492G	8	5.683G
9	5.396G	10	5.405G	11	5.334G	12	5.493G
13	5.435G	14	5.462G	15	5.313G	16	5.664G

17	5.650G	18	5.501G	19	5.271G	20	5.373G
21	5.512G	22	5.402G	23	5.570G	24	5.599G
25	5.668G	26	5.658G	27	5.476G	28	5.375G
29	5.506G	30	5.448G	31	5.547G	32	5.477G
33	5.590G	34	5.673G	35	5.438G	36	5.581G
37	5.574G	38	5.269G	39	5.675G	40	5.255G
41	5.630G	42	5.320G	43	5.561G	44	5.576G
45	5.441G	46	5.475G	47	5.370G	48	5.639G
49	5.382G	50	5.676G	51	5.322G	52	5.397G
53	5.491G	54	5.347G	55	5.583G	56	5.336G
57	5.563G	58	5.507G	59	5.470G	60	5.684G
61	5.637G	62	5.624G	63	5.359G	64	5.679G
65	5.308G	66	5.597G	67	5.702G	68	5.552G
69	5.489G	70	5.389G	71	5.350G	72	5.264G
73	5.428G	74	5.481G	75	5.656G	76	5.365G
77	5.661G	78	5.257G	79	5.262G	80	5.682G
81	5.284G	82	5.627G	83	5.431G	84	5.674G
85	5.546G	86	5.358G	87	5.266G	88	5.254G
89	5.577G	90	5.307G	91	5.327G	92	5.699G
93	5.395G	94	5.263G	95	5.709G	96	5.556G
97	5.351G	98	5.290G	99	5.357G	100	5.381G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.452G	2	5.636G	3	5.508G	4	5.537G
5	5.282G	6	5.417G	7	5.352G	8	5.573G
9	5.596G	10	5.272G	11	5.395G	12	5.296G
13	5.551G	14	5.432G	15	5.701G	16	5.485G
17	5.346G	18	5.339G	19	5.547G	20	5.651G
21	5.309G	22	5.639G	23	5.718G	24	5.448G
25	5.638G	26	5.408G	27	5.279G	28	5.536G
29	5.363G	30	5.374G	31	5.456G	32	5.643G
33	5.302G	34	5.720G	35	5.549G	36	5.531G
37	5.708G	38	5.294G	39	5.262G	40	5.650G
41	5.268G	42	5.420G	43	5.657G	44	5.539G
45	5.317G	46	5.407G	47	5.391G	48	5.475G

49	5.331G	50	5.719G	51	5.546G	52	5.425G
53	5.428G	54	5.600G	55	5.330G	56	5.434G
57	5.267G	58	5.326G	59	5.587G	60	5.406G
61	5.608G	62	5.520G	63	5.389G	64	5.446G
65	5.557G	66	5.423G	67	5.274G	68	5.502G
69	5.693G	70	5.540G	71	5.535G	72	5.445G
73	5.491G	74	5.472G	75	5.465G	76	5.350G
77	5.564G	78	5.287G	79	5.358G	80	5.436G
81	5.665G	82	5.612G	83	5.614G	84	5.627G
85	5.325G	86	5.324G	87	5.624G	88	5.361G
89	5.662G	90	5.527G	91	5.493G	92	5.584G
93	5.542G	94	5.532G	95	5.580G	96	5.673G
97	5.656G	98	5.442G	99	5.351G	100	5.686G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.448G	2	5.714G	3	5.335G	4	5.656G
5	5.382G	6	5.309G	7	5.592G	8	5.474G
9	5.302G	10	5.485G	11	5.631G	12	5.415G
13	5.641G	14	5.524G	15	5.657G	16	5.451G
17	5.443G	18	5.260G	19	5.687G	20	5.454G
21	5.533G	22	5.617G	23	5.590G	24	5.301G
25	5.285G	26	5.427G	27	5.618G	28	5.598G
29	5.261G	30	5.461G	31	5.602G	32	5.367G
33	5.542G	34	5.544G	35	5.718G	36	5.479G
37	5.582G	38	5.560G	39	5.406G	40	5.378G
41	5.470G	42	5.422G	43	5.365G	44	5.442G
45	5.651G	46	5.311G	47	5.697G	48	5.635G
49	5.694G	50	5.300G	51	5.704G	52	5.611G
53	5.699G	54	5.337G	55	5.376G	56	5.652G
57	5.646G	58	5.436G	59	5.568G	60	5.638G
61	5.490G	62	5.373G	63	5.307G	64	5.420G
65	5.266G	66	5.327G	67	5.550G	68	5.706G
69	5.329G	70	5.464G	71	5.633G	72	5.566G
73	5.346G	74	5.354G	75	5.595G	76	5.294G
77	5.505G	78	5.695G	79	5.477G	80	5.673G

81	5.334G	82	5.271G	83	5.421G	84	5.257G
85	5.516G	86	5.393G	87	5.596G	88	5.396G
89	5.679G	90	5.521G	91	5.371G	92	5.586G
93	5.447G	94	5.705G	95	5.404G	96	5.351G
97	5.274G	98	5.504G	99	5.523G	100	5.252G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.427G	2	5.501G	3	5.291G	4	5.682G
5	5.329G	6	5.483G	7	5.354G	8	5.365G
9	5.702G	10	5.490G	11	5.413G	12	5.306G
13	5.524G	14	5.603G	15	5.595G	16	5.347G
17	5.503G	18	5.418G	19	5.672G	20	5.695G
21	5.488G	22	5.575G	23	5.425G	24	5.627G
25	5.512G	26	5.543G	27	5.375G	28	5.359G
29	5.479G	30	5.435G	31	5.528G	32	5.324G
33	5.596G	34	5.653G	35	5.293G	36	5.414G
37	5.654G	38	5.576G	39	5.250G	40	5.547G
41	5.415G	42	5.599G	43	5.560G	44	5.513G
45	5.601G	46	5.428G	47	5.700G	48	5.592G
49	5.608G	50	5.558G	51	5.444G	52	5.468G
53	5.532G	54	5.567G	55	5.469G	56	5.321G
57	5.605G	58	5.410G	59	5.617G	60	5.358G
61	5.715G	62	5.640G	63	5.330G	64	5.585G
65	5.624G	66	5.521G	67	5.356G	68	5.562G
69	5.398G	70	5.264G	71	5.275G	72	5.412G
73	5.255G	74	5.351G	75	5.606G	76	5.271G
77	5.282G	78	5.281G	79	5.563G	80	5.691G
81	5.707G	82	5.482G	83	5.602G	84	5.568G
85	5.544G	86	5.675G	87	5.607G	88	5.397G
89	5.648G	90	5.723G	91	5.658G	92	5.308G
93	5.357G	94	5.540G	95	5.646G	96	5.613G
97	5.683G	98	5.614G	99	5.650G	100	5.681G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.416G	2	5.426G	3	5.679G	4	5.504G
5	5.323G	6	5.330G	7	5.686G	8	5.638G
9	5.647G	10	5.288G	11	5.666G	12	5.466G
13	5.600G	14	5.353G	15	5.443G	16	5.685G
17	5.670G	18	5.458G	19	5.689G	20	5.652G
21	5.617G	22	5.590G	23	5.259G	24	5.561G
25	5.375G	26	5.479G	27	5.293G	28	5.404G
29	5.429G	30	5.607G	31	5.557G	32	5.521G
33	5.699G	34	5.642G	35	5.457G	36	5.403G
37	5.589G	38	5.538G	39	5.438G	40	5.252G
41	5.340G	42	5.283G	43	5.588G	44	5.571G
45	5.367G	46	5.687G	47	5.405G	48	5.472G
49	5.297G	50	5.345G	51	5.453G	52	5.362G
53	5.387G	54	5.573G	55	5.613G	56	5.669G
57	5.258G	58	5.390G	59	5.592G	60	5.409G
61	5.614G	62	5.640G	63	5.621G	64	5.358G
65	5.309G	66	5.329G	67	5.651G	68	5.517G
69	5.519G	70	5.394G	71	5.549G	72	5.269G
73	5.637G	74	5.724G	75	5.537G	76	5.721G
77	5.657G	78	5.628G	79	5.424G	80	5.595G
81	5.565G	82	5.265G	83	5.719G	84	5.645G
85	5.328G	86	5.257G	87	5.377G	88	5.671G
89	5.598G	90	5.508G	91	5.280G	92	5.547G
93	5.254G	94	5.419G	95	5.281G	96	5.476G
97	5.702G	98	5.531G	99	5.462G	100	5.586G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.675G	2	5.679G	3	5.424G	4	5.327G
5	5.591G	6	5.695G	7	5.638G	8	5.376G
9	5.452G	10	5.658G	11	5.554G	12	5.723G
13	5.377G	14	5.334G	15	5.414G	16	5.387G

17	5.397G	18	5.680G	19	5.532G	20	5.661G
21	5.341G	22	5.606G	23	5.379G	24	5.506G
25	5.500G	26	5.256G	27	5.451G	28	5.302G
29	5.478G	30	5.541G	31	5.427G	32	5.492G
33	5.589G	34	5.561G	35	5.533G	36	5.599G
37	5.634G	38	5.353G	39	5.507G	40	5.640G
41	5.722G	42	5.340G	43	5.275G	44	5.281G
45	5.687G	46	5.572G	47	5.616G	48	5.718G
49	5.596G	50	5.317G	51	5.568G	52	5.692G
53	5.315G	54	5.649G	55	5.372G	56	5.645G
57	5.564G	58	5.304G	59	5.543G	60	5.339G
61	5.473G	62	5.593G	63	5.418G	64	5.464G
65	5.448G	66	5.335G	67	5.717G	68	5.255G
69	5.477G	70	5.701G	71	5.644G	72	5.459G
73	5.720G	74	5.460G	75	5.348G	76	5.538G
77	5.321G	78	5.581G	79	5.336G	80	5.406G
81	5.287G	82	5.445G	83	5.428G	84	5.686G
85	5.560G	86	5.559G	87	5.331G	88	5.684G
89	5.278G	90	5.373G	91	5.549G	92	5.325G
93	5.624G	94	5.309G	95	5.405G	96	5.671G
97	5.295G	98	5.558G	99	5.361G	100	5.316G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.580G	2	5.461G	3	5.677G	4	5.424G
5	5.648G	6	5.427G	7	5.433G	8	5.601G
9	5.662G	10	5.513G	11	5.387G	12	5.262G
13	5.582G	14	5.669G	15	5.327G	16	5.618G
17	5.521G	18	5.556G	19	5.257G	20	5.600G
21	5.475G	22	5.296G	23	5.692G	24	5.445G
25	5.536G	26	5.674G	27	5.367G	28	5.353G
29	5.687G	30	5.633G	31	5.390G	32	5.426G
33	5.676G	34	5.529G	35	5.304G	36	5.698G
37	5.476G	38	5.679G	39	5.334G	40	5.670G
41	5.590G	42	5.408G	43	5.480G	44	5.659G
45	5.711G	46	5.491G	47	5.355G	48	5.328G

49	5.554G	50	5.430G	51	5.539G	52	5.402G
53	5.416G	54	5.394G	55	5.512G	56	5.455G
57	5.305G	58	5.611G	59	5.562G	60	5.373G
61	5.464G	62	5.709G	63	5.712G	64	5.641G
65	5.315G	66	5.508G	67	5.656G	68	5.680G
69	5.550G	70	5.531G	71	5.349G	72	5.552G
73	5.281G	74	5.398G	75	5.386G	76	5.448G
77	5.651G	78	5.442G	79	5.721G	80	5.266G
81	5.451G	82	5.663G	83	5.493G	84	5.258G
85	5.668G	86	5.487G	87	5.429G	88	5.265G
89	5.604G	90	5.330G	91	5.623G	92	5.325G
93	5.336G	94	5.634G	95	5.535G	96	5.326G
97	5.364G	98	5.520G	99	5.268G	100	5.300G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.559G	2	5.334G	3	5.600G	4	5.320G
5	5.456G	6	5.304G	7	5.436G	8	5.537G
9	5.404G	10	5.587G	11	5.555G	12	5.406G
13	5.349G	14	5.325G	15	5.638G	16	5.642G
17	5.529G	18	5.556G	19	5.562G	20	5.583G
21	5.568G	22	5.258G	23	5.694G	24	5.350G
25	5.370G	26	5.655G	27	5.344G	28	5.723G
29	5.270G	30	5.713G	31	5.332G	32	5.443G
33	5.594G	34	5.461G	35	5.487G	36	5.439G
37	5.608G	38	5.422G	39	5.327G	40	5.625G
41	5.346G	42	5.261G	43	5.451G	44	5.435G
45	5.463G	46	5.680G	47	5.543G	48	5.513G
49	5.724G	50	5.599G	51	5.395G	52	5.482G
53	5.580G	54	5.372G	55	5.671G	56	5.315G
57	5.528G	58	5.279G	59	5.602G	60	5.266G
61	5.254G	62	5.564G	63	5.259G	64	5.434G
65	5.521G	66	5.427G	67	5.437G	68	5.673G
69	5.498G	70	5.269G	71	5.388G	72	5.425G
73	5.563G	74	5.547G	75	5.679G	76	5.357G
77	5.274G	78	5.690G	79	5.628G	80	5.432G

81	5.514G	82	5.253G	83	5.424G	84	5.675G
85	5.361G	86	5.367G	87	5.407G	88	5.360G
89	5.615G	90	5.560G	91	5.567G	92	5.331G
93	5.650G	94	5.345G	95	5.292G	96	5.616G
97	5.530G	98	5.267G	99	5.551G	100	5.503G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.458G	2	5.627G	3	5.630G	4	5.626G
5	5.466G	6	5.447G	7	5.253G	8	5.557G
9	5.690G	10	5.252G	11	5.544G	12	5.325G
13	5.289G	14	5.424G	15	5.703G	16	5.440G
17	5.486G	18	5.388G	19	5.547G	20	5.435G
21	5.448G	22	5.403G	23	5.324G	24	5.585G
25	5.462G	26	5.564G	27	5.683G	28	5.451G
29	5.343G	30	5.709G	31	5.692G	32	5.706G
33	5.498G	34	5.530G	35	5.301G	36	5.272G
37	5.387G	38	5.267G	39	5.679G	40	5.684G
41	5.384G	42	5.475G	43	5.714G	44	5.399G
45	5.280G	46	5.513G	47	5.509G	48	5.479G
49	5.707G	50	5.361G	51	5.373G	52	5.528G
53	5.254G	54	5.609G	55	5.607G	56	5.519G
57	5.386G	58	5.500G	59	5.390G	60	5.638G
61	5.401G	62	5.374G	63	5.295G	64	5.277G
65	5.259G	66	5.580G	67	5.410G	68	5.406G
69	5.673G	70	5.541G	71	5.464G	72	5.715G
73	5.645G	74	5.394G	75	5.492G	76	5.405G
77	5.251G	78	5.604G	79	5.574G	80	5.308G
81	5.302G	82	5.288G	83	5.471G	84	5.470G
85	5.454G	86	5.661G	87	5.296G	88	5.656G
89	5.697G	90	5.646G	91	5.378G	92	5.664G
93	5.699G	94	5.695G	95	5.294G	96	5.636G
97	5.383G	98	5.680G	99	5.649G	100	5.534G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.295G	2	5.578G	3	5.720G	4	5.289G
5	5.478G	6	5.380G	7	5.372G	8	5.316G
9	5.432G	10	5.673G	11	5.505G	12	5.647G
13	5.702G	14	5.588G	15	5.640G	16	5.414G
17	5.530G	18	5.562G	19	5.365G	20	5.697G
21	5.332G	22	5.443G	23	5.285G	24	5.675G
25	5.623G	26	5.612G	27	5.516G	28	5.687G
29	5.654G	30	5.429G	31	5.253G	32	5.310G
33	5.636G	34	5.672G	35	5.417G	36	5.297G
37	5.338G	38	5.354G	39	5.518G	40	5.475G
41	5.602G	42	5.662G	43	5.319G	44	5.658G
45	5.700G	46	5.339G	47	5.463G	48	5.573G
49	5.441G	50	5.420G	51	5.690G	52	5.474G
53	5.394G	54	5.698G	55	5.550G	56	5.569G
57	5.291G	58	5.594G	59	5.630G	60	5.590G
61	5.296G	62	5.250G	63	5.465G	64	5.469G
65	5.615G	66	5.361G	67	5.681G	68	5.639G
69	5.337G	70	5.477G	71	5.491G	72	5.508G
73	5.519G	74	5.627G	75	5.705G	76	5.651G
77	5.537G	78	5.707G	79	5.713G	80	5.473G
81	5.693G	82	5.637G	83	5.344G	84	5.597G
85	5.456G	86	5.336G	87	5.353G	88	5.570G
89	5.436G	90	5.408G	91	5.370G	92	5.389G
93	5.579G	94	5.669G	95	5.446G	96	5.696G
97	5.423G	98	5.419G	99	5.279G	100	5.378G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.610G	2	5.684G	3	5.661G	4	5.441G
5	5.390G	6	5.609G	7	5.253G	8	5.250G
9	5.405G	10	5.356G	11	5.686G	12	5.402G
13	5.410G	14	5.389G	15	5.341G	16	5.585G

17	5.559G	18	5.653G	19	5.379G	20	5.670G
21	5.681G	22	5.719G	23	5.592G	24	5.316G
25	5.372G	26	5.558G	27	5.548G	28	5.584G
29	5.456G	30	5.279G	31	5.344G	32	5.375G
33	5.285G	34	5.696G	35	5.286G	36	5.300G
37	5.533G	38	5.406G	39	5.717G	40	5.275G
41	5.472G	42	5.535G	43	5.557G	44	5.260G
45	5.284G	46	5.586G	47	5.415G	48	5.377G
49	5.475G	50	5.665G	51	5.676G	52	5.668G
53	5.593G	54	5.664G	55	5.288G	56	5.530G
57	5.538G	58	5.325G	59	5.659G	60	5.517G
61	5.699G	62	5.404G	63	5.613G	64	5.501G
65	5.299G	66	5.519G	67	5.580G	68	5.301G
69	5.688G	70	5.471G	71	5.504G	72	5.549G
73	5.342G	74	5.319G	75	5.600G	76	5.632G
77	5.612G	78	5.455G	79	5.701G	80	5.308G
81	5.468G	82	5.506G	83	5.338G	84	5.679G
85	5.314G	86	5.373G	87	5.282G	88	5.521G
89	5.276G	90	5.292G	91	5.703G	92	5.666G
93	5.381G	94	5.512G	95	5.607G	96	5.649G
97	5.636G	98	5.346G	99	5.396G	100	5.529G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.390G	2	5.308G	3	5.395G	4	5.394G
5	5.311G	6	5.699G	7	5.374G	8	5.677G
9	5.602G	10	5.626G	11	5.575G	12	5.653G
13	5.544G	14	5.412G	15	5.274G	16	5.655G
17	5.618G	18	5.283G	19	5.516G	20	5.552G
21	5.438G	22	5.620G	23	5.545G	24	5.340G
25	5.255G	26	5.661G	27	5.467G	28	5.530G
29	5.253G	30	5.687G	31	5.389G	32	5.322G
33	5.385G	34	5.692G	35	5.291G	36	5.681G
37	5.256G	38	5.432G	39	5.361G	40	5.270G
41	5.402G	42	5.521G	43	5.359G	44	5.663G
45	5.271G	46	5.269G	47	5.666G	48	5.621G

49	5.439G	50	5.431G	51	5.482G	52	5.314G
53	5.313G	54	5.650G	55	5.648G	56	5.506G
57	5.629G	58	5.505G	59	5.659G	60	5.464G
61	5.302G	62	5.317G	63	5.337G	64	5.405G
65	5.559G	66	5.529G	67	5.484G	68	5.425G
69	5.563G	70	5.459G	71	5.398G	72	5.379G
73	5.419G	74	5.307G	75	5.518G	76	5.380G
77	5.634G	78	5.473G	79	5.301G	80	5.540G
81	5.614G	82	5.670G	83	5.352G	84	5.721G
85	5.279G	86	5.638G	87	5.604G	88	5.607G
89	5.370G	90	5.342G	91	5.453G	92	5.458G
93	5.365G	94	5.596G	95	5.717G	96	5.616G
97	5.504G	98	5.335G	99	5.336G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.589G	3	5.652G	4	5.262G
5	5.699G	6	5.344G	7	5.400G	8	5.273G
9	5.697G	10	5.617G	11	5.488G	12	5.623G
13	5.360G	14	5.642G	15	5.548G	16	5.583G
17	5.568G	18	5.636G	19	5.664G	20	5.324G
21	5.622G	22	5.597G	23	5.422G	24	5.592G
25	5.420G	26	5.463G	27	5.254G	28	5.476G
29	5.668G	30	5.368G	31	5.423G	32	5.268G
33	5.634G	34	5.630G	35	5.355G	36	5.352G
37	5.398G	38	5.701G	39	5.365G	40	5.591G
41	5.327G	42	5.395G	43	5.430G	44	5.510G
45	5.557G	46	5.461G	47	5.485G	48	5.336G
49	5.308G	50	5.342G	51	5.598G	52	5.403G
53	5.626G	54	5.326G	55	5.611G	56	5.387G
57	5.501G	58	5.644G	59	5.317G	60	5.643G
61	5.638G	62	5.471G	63	5.700G	64	5.535G
65	5.605G	66	5.689G	67	5.427G	68	5.706G
69	5.451G	70	5.665G	71	5.376G	72	5.325G
73	5.263G	74	5.367G	75	5.519G	76	5.673G
77	5.534G	78	5.469G	79	5.467G	80	5.421G

81	5.259G	82	5.267G	83	5.335G	84	5.659G
85	5.609G	86	5.503G	87	5.655G	88	5.492G
89	5.540G	90	5.496G	91	5.567G	92	5.672G
93	5.264G	94	5.563G	95	5.452G	96	5.601G
97	5.300G	98	5.714G	99	5.353G	100	5.499G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.394G	2	5.528G	3	5.260G	4	5.588G
5	5.530G	6	5.363G	7	5.553G	8	5.509G
9	5.557G	10	5.452G	11	5.648G	12	5.651G
13	5.627G	14	5.324G	15	5.698G	16	5.499G
17	5.659G	18	5.315G	19	5.641G	20	5.643G
21	5.480G	22	5.266G	23	5.535G	24	5.312G
25	5.575G	26	5.367G	27	5.256G	28	5.508G
29	5.569G	30	5.252G	31	5.478G	32	5.385G
33	5.426G	34	5.415G	35	5.341G	36	5.540G
37	5.257G	38	5.716G	39	5.675G	40	5.637G
41	5.280G	42	5.690G	43	5.695G	44	5.549G
45	5.602G	46	5.493G	47	5.618G	48	5.555G
49	5.534G	50	5.506G	51	5.544G	52	5.631G
53	5.663G	54	5.679G	55	5.384G	56	5.435G
57	5.467G	58	5.406G	59	5.647G	60	5.723G
61	5.334G	62	5.621G	63	5.453G	64	5.464G
65	5.717G	66	5.449G	67	5.594G	68	5.427G
69	5.289G	70	5.466G	71	5.503G	72	5.667G
73	5.291G	74	5.612G	75	5.571G	76	5.410G
77	5.564G	78	5.397G	79	5.537G	80	5.488G
81	5.348G	82	5.328G	83	5.437G	84	5.451G
85	5.487G	86	5.607G	87	5.447G	88	5.524G
89	5.672G	90	5.339G	91	5.277G	92	5.599G
93	5.605G	94	5.556G	95	5.610G	96	5.678G
97	5.634G	98	5.269G	99	5.284G	100	5.462G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.415G	2	5.284G	3	5.264G	4	5.390G
5	5.294G	6	5.332G	7	5.387G	8	5.548G
9	5.450G	10	5.350G	11	5.645G	12	5.506G
13	5.658G	14	5.719G	15	5.621G	16	5.464G
17	5.270G	18	5.322G	19	5.549G	20	5.711G
21	5.592G	22	5.474G	23	5.611G	24	5.273G
25	5.565G	26	5.585G	27	5.620G	28	5.252G
29	5.353G	30	5.378G	31	5.321G	32	5.327G
33	5.416G	34	5.632G	35	5.521G	36	5.515G
37	5.352G	38	5.571G	39	5.442G	40	5.553G
41	5.708G	42	5.272G	43	5.382G	44	5.572G
45	5.617G	46	5.639G	47	5.686G	48	5.629G
49	5.603G	50	5.591G	51	5.630G	52	5.541G
53	5.338G	54	5.470G	55	5.428G	56	5.402G
57	5.292G	58	5.522G	59	5.317G	60	5.377G
61	5.475G	62	5.567G	63	5.514G	64	5.384G
65	5.530G	66	5.302G	67	5.699G	68	5.279G
69	5.276G	70	5.612G	71	5.361G	72	5.501G
73	5.398G	74	5.609G	75	5.399G	76	5.340G
77	5.643G	78	5.334G	79	5.432G	80	5.286G
81	5.341G	82	5.590G	83	5.552G	84	5.458G
85	5.649G	86	5.295G	87	5.721G	88	5.293G
89	5.347G	90	5.310G	91	5.547G	92	5.251G
93	5.518G	94	5.532G	95	5.488G	96	5.513G
97	5.570G	98	5.688G	99	5.289G	100	5.313G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.582G	2	5.263G	3	5.416G	4	5.302G
5	5.301G	6	5.456G	7	5.289G	8	5.516G
9	5.588G	10	5.716G	11	5.292G	12	5.254G
13	5.298G	14	5.410G	15	5.662G	16	5.388G

17	5.459G	18	5.561G	19	5.684G	20	5.406G
21	5.674G	22	5.668G	23	5.291G	24	5.705G
25	5.285G	26	5.656G	27	5.344G	28	5.676G
29	5.426G	30	5.563G	31	5.553G	32	5.578G
33	5.422G	34	5.614G	35	5.592G	36	5.502G
37	5.533G	38	5.462G	39	5.471G	40	5.601G
41	5.598G	42	5.435G	43	5.362G	44	5.275G
45	5.654G	46	5.649G	47	5.468G	48	5.305G
49	5.717G	50	5.579G	51	5.698G	52	5.318G
53	5.452G	54	5.670G	55	5.673G	56	5.428G
57	5.498G	58	5.626G	59	5.343G	60	5.327G
61	5.412G	62	5.408G	63	5.612G	64	5.303G
65	5.492G	66	5.493G	67	5.635G	68	5.296G
69	5.712G	70	5.704G	71	5.341G	72	5.448G
73	5.621G	74	5.633G	75	5.382G	76	5.357G
77	5.666G	78	5.329G	79	5.719G	80	5.433G
81	5.404G	82	5.504G	83	5.479G	84	5.646G
85	5.562G	86	5.293G	87	5.565G	88	5.376G
89	5.574G	90	5.555G	91	5.558G	92	5.366G
93	5.306G	94	5.250G	95	5.253G	96	5.457G
97	5.687G	98	5.638G	99	5.653G	100	5.423G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.489G	2	5.287G	3	5.458G	4	5.675G
5	5.594G	6	5.433G	7	5.318G	8	5.366G
9	5.368G	10	5.457G	11	5.399G	12	5.665G
13	5.588G	14	5.642G	15	5.516G	16	5.711G
17	5.595G	18	5.439G	19	5.517G	20	5.646G
21	5.486G	22	5.607G	23	5.330G	24	5.591G
25	5.502G	26	5.684G	27	5.348G	28	5.403G
29	5.580G	30	5.691G	31	5.649G	32	5.334G
33	5.387G	34	5.532G	35	5.720G	36	5.483G
37	5.573G	38	5.258G	39	5.474G	40	5.522G
41	5.710G	42	5.510G	43	5.289G	44	5.376G
45	5.463G	46	5.445G	47	5.508G	48	5.413G

49	5.466G	50	5.423G	51	5.264G	52	5.447G
53	5.661G	54	5.452G	55	5.332G	56	5.481G
57	5.587G	58	5.276G	59	5.500G	60	5.582G
61	5.380G	62	5.627G	63	5.638G	64	5.383G
65	5.478G	66	5.329G	67	5.605G	68	5.306G
69	5.280G	70	5.414G	71	5.322G	72	5.429G
73	5.261G	74	5.616G	75	5.431G	76	5.596G
77	5.701G	78	5.554G	79	5.507G	80	5.678G
81	5.521G	82	5.667G	83	5.257G	84	5.337G
85	5.391G	86	5.544G	87	5.706G	88	5.628G
89	5.430G	90	5.419G	91	5.405G	92	5.460G
93	5.428G	94	5.614G	95	5.299G	96	5.488G
97	5.275G	98	5.548G	99	5.604G	100	5.382G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.627G	2	5.505G	3	5.305G	4	5.313G
5	5.366G	6	5.404G	7	5.697G	8	5.356G
9	5.463G	10	5.610G	11	5.424G	12	5.393G
13	5.550G	14	5.667G	15	5.613G	16	5.572G
17	5.506G	18	5.562G	19	5.344G	20	5.587G
21	5.437G	22	5.300G	23	5.329G	24	5.320G
25	5.547G	26	5.267G	27	5.704G	28	5.411G
29	5.301G	30	5.574G	31	5.539G	32	5.566G
33	5.540G	34	5.268G	35	5.334G	36	5.724G
37	5.657G	38	5.365G	39	5.420G	40	5.321G
41	5.325G	42	5.501G	43	5.593G	44	5.641G
45	5.432G	46	5.678G	47	5.384G	48	5.427G
49	5.591G	50	5.675G	51	5.299G	52	5.689G
53	5.302G	54	5.706G	55	5.262G	56	5.251G
57	5.394G	58	5.538G	59	5.721G	60	5.601G
61	5.416G	62	5.357G	63	5.691G	64	5.600G
65	5.316G	66	5.287G	67	5.338G	68	5.372G
69	5.509G	70	5.403G	71	5.367G	72	5.649G
73	5.292G	74	5.311G	75	5.633G	76	5.491G
77	5.386G	78	5.387G	79	5.348G	80	5.677G

81	5.486G	82	5.426G	83	5.369G	84	5.719G
85	5.655G	86	5.446G	87	5.265G	88	5.573G
89	5.571G	90	5.341G	91	5.337G	92	5.560G
93	5.254G	94	5.556G	95	5.483G	96	5.355G
97	5.308G	98	5.269G	99	5.278G	100	5.692G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.513G	2	5.561G	3	5.489G	4	5.391G
5	5.379G	6	5.370G	7	5.694G	8	5.635G
9	5.277G	10	5.323G	11	5.406G	12	5.687G
13	5.468G	14	5.590G	15	5.701G	16	5.529G
17	5.450G	18	5.691G	19	5.338G	20	5.683G
21	5.295G	22	5.286G	23	5.563G	24	5.584G
25	5.261G	26	5.443G	27	5.411G	28	5.641G
29	5.634G	30	5.600G	31	5.548G	32	5.436G
33	5.347G	34	5.429G	35	5.375G	36	5.269G
37	5.676G	38	5.309G	39	5.262G	40	5.480G
41	5.440G	42	5.569G	43	5.473G	44	5.424G
45	5.302G	46	5.510G	47	5.645G	48	5.618G
49	5.393G	50	5.434G	51	5.360G	52	5.398G
53	5.538G	54	5.455G	55	5.518G	56	5.704G
57	5.505G	58	5.679G	59	5.714G	60	5.685G
61	5.695G	62	5.321G	63	5.458G	64	5.604G
65	5.346G	66	5.521G	67	5.298G	68	5.625G
69	5.396G	70	5.281G	71	5.461G	72	5.446G
73	5.514G	74	5.437G	75	5.543G	76	5.472G
77	5.519G	78	5.358G	79	5.500G	80	5.290G
81	5.628G	82	5.470G	83	5.400G	84	5.428G
85	5.439G	86	5.382G	87	5.418G	88	5.365G
89	5.595G	90	5.291G	91	5.307G	92	5.581G
93	5.617G	94	5.392G	95	5.711G	96	5.273G
97	5.589G	98	5.636G	99	5.653G	100	5.559G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.533G	2	5.326G	3	5.656G	4	5.310G
5	5.426G	6	5.523G	7	5.340G	8	5.595G
9	5.314G	10	5.551G	11	5.329G	12	5.357G
13	5.542G	14	5.325G	15	5.707G	16	5.534G
17	5.320G	18	5.719G	19	5.528G	20	5.485G
21	5.317G	22	5.307G	23	5.290G	24	5.563G
25	5.350G	26	5.346G	27	5.602G	28	5.669G
29	5.404G	30	5.717G	31	5.627G	32	5.680G
33	5.699G	34	5.697G	35	5.490G	36	5.477G
37	5.633G	38	5.576G	39	5.315G	40	5.330G
41	5.372G	42	5.516G	43	5.262G	44	5.305G
45	5.344G	46	5.559G	47	5.431G	48	5.373G
49	5.401G	50	5.570G	51	5.605G	52	5.507G
53	5.318G	54	5.573G	55	5.508G	56	5.260G
57	5.395G	58	5.511G	59	5.271G	60	5.273G
61	5.366G	62	5.335G	63	5.342G	64	5.382G
65	5.269G	66	5.619G	67	5.676G	68	5.299G
69	5.303G	70	5.353G	71	5.296G	72	5.555G
73	5.388G	74	5.436G	75	5.463G	76	5.583G
77	5.375G	78	5.644G	79	5.380G	80	5.374G
81	5.411G	82	5.306G	83	5.482G	84	5.671G
85	5.635G	86	5.332G	87	5.713G	88	5.393G
89	5.264G	90	5.399G	91	5.365G	92	5.606G
93	5.575G	94	5.337G	95	5.452G	96	5.690G
97	5.571G	98	5.405G	99	5.660G	100	5.460G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.441G	2	5.381G	3	5.649G	4	5.496G
5	5.658G	6	5.301G	7	5.307G	8	5.330G
9	5.304G	10	5.353G	11	5.351G	12	5.367G
13	5.711G	14	5.385G	15	5.398G	16	5.319G

17	5.334G	18	5.405G	19	5.517G	20	5.448G
21	5.333G	22	5.280G	23	5.645G	24	5.488G
25	5.643G	26	5.634G	27	5.463G	28	5.515G
29	5.567G	30	5.667G	31	5.518G	32	5.429G
33	5.275G	34	5.700G	35	5.252G	36	5.512G
37	5.655G	38	5.337G	39	5.471G	40	5.273G
41	5.704G	42	5.489G	43	5.699G	44	5.477G
45	5.274G	46	5.539G	47	5.533G	48	5.284G
49	5.607G	50	5.406G	51	5.531G	52	5.474G
53	5.606G	54	5.374G	55	5.501G	56	5.509G
57	5.576G	58	5.430G	59	5.617G	60	5.386G
61	5.357G	62	5.395G	63	5.652G	64	5.695G
65	5.293G	66	5.721G	67	5.559G	68	5.466G
69	5.499G	70	5.504G	71	5.585G	72	5.455G
73	5.313G	74	5.392G	75	5.299G	76	5.623G
77	5.610G	78	5.270G	79	5.544G	80	5.435G
81	5.644G	82	5.399G	83	5.570G	84	5.563G
85	5.568G	86	5.663G	87	5.314G	88	5.317G
89	5.391G	90	5.332G	91	5.560G	92	5.632G
93	5.480G	94	5.588G	95	5.492G	96	5.277G
97	5.342G	98	5.562G	99	5.305G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.522G	2	5.571G	3	5.580G	4	5.600G
5	5.395G	6	5.400G	7	5.539G	8	5.560G
9	5.696G	10	5.618G	11	5.665G	12	5.308G
13	5.691G	14	5.718G	15	5.565G	16	5.369G
17	5.457G	18	5.447G	19	5.270G	20	5.442G
21	5.697G	22	5.584G	23	5.720G	24	5.576G
25	5.413G	26	5.463G	27	5.272G	28	5.398G
29	5.262G	30	5.710G	31	5.480G	32	5.489G
33	5.465G	34	5.425G	35	5.490G	36	5.685G
37	5.391G	38	5.682G	39	5.460G	40	5.723G
41	5.551G	42	5.250G	43	5.423G	44	5.357G
45	5.302G	46	5.403G	47	5.549G	48	5.536G

49	5.499G	50	5.307G	51	5.524G	52	5.320G
53	5.677G	54	5.450G	55	5.502G	56	5.469G
57	5.678G	58	5.715G	59	5.569G	60	5.380G
61	5.635G	62	5.415G	63	5.253G	64	5.544G
65	5.431G	66	5.497G	67	5.545G	68	5.626G
69	5.336G	70	5.681G	71	5.604G	72	5.609G
73	5.318G	74	5.476G	75	5.397G	76	5.509G
77	5.680G	78	5.595G	79	5.300G	80	5.293G
81	5.269G	82	5.653G	83	5.347G	84	5.335G
85	5.634G	86	5.543G	87	5.662G	88	5.295G
89	5.686G	90	5.624G	91	5.714G	92	5.434G
93	5.417G	94	5.448G	95	5.297G	96	5.331G
97	5.528G	98	5.368G	99	5.510G	100	5.374G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.329G	2	5.264G	3	5.572G	4	5.586G
5	5.400G	6	5.676G	7	5.578G	8	5.442G
9	5.566G	10	5.662G	11	5.528G	12	5.717G
13	5.392G	14	5.446G	15	5.631G	16	5.269G
17	5.594G	18	5.310G	19	5.356G	20	5.482G
21	5.443G	22	5.398G	23	5.695G	24	5.540G
25	5.598G	26	5.522G	27	5.472G	28	5.459G
29	5.569G	30	5.565G	31	5.286G	32	5.370G
33	5.303G	34	5.563G	35	5.577G	36	5.665G
37	5.580G	38	5.454G	39	5.434G	40	5.607G
41	5.529G	42	5.553G	43	5.652G	44	5.624G
45	5.587G	46	5.423G	47	5.301G	48	5.645G
49	5.556G	50	5.455G	51	5.722G	52	5.713G
53	5.259G	54	5.537G	55	5.479G	56	5.603G
57	5.424G	58	5.331G	59	5.308G	60	5.414G
61	5.709G	62	5.268G	63	5.256G	64	5.576G
65	5.589G	66	5.466G	67	5.343G	68	5.656G
69	5.314G	70	5.544G	71	5.260G	72	5.720G
73	5.451G	74	5.550G	75	5.605G	76	5.366G
77	5.374G	78	5.510G	79	5.650G	80	5.532G

81	5.533G	82	5.700G	83	5.349G	84	5.470G
85	5.487G	86	5.271G	87	5.321G	88	5.448G
89	5.491G	90	5.360G	91	5.386G	92	5.574G
93	5.648G	94	5.457G	95	5.641G	96	5.402G
97	5.305G	98	5.500G	99	5.290G	100	5.669G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.281G	2	5.421G	3	5.301G	4	5.686G
5	5.270G	6	5.331G	7	5.405G	8	5.503G
9	5.478G	10	5.434G	11	5.596G	12	5.265G
13	5.312G	14	5.527G	15	5.708G	16	5.704G
17	5.362G	18	5.712G	19	5.484G	20	5.594G
21	5.275G	22	5.288G	23	5.279G	24	5.620G
25	5.303G	26	5.480G	27	5.400G	28	5.460G
29	5.699G	30	5.628G	31	5.417G	32	5.395G
33	5.673G	34	5.667G	35	5.261G	36	5.339G
37	5.572G	38	5.706G	39	5.707G	40	5.407G
41	5.284G	42	5.418G	43	5.552G	44	5.680G
45	5.663G	46	5.499G	47	5.661G	48	5.714G
49	5.436G	50	5.472G	51	5.641G	52	5.632G
53	5.448G	54	5.342G	55	5.297G	56	5.692G
57	5.461G	58	5.401G	59	5.702G	60	5.513G
61	5.433G	62	5.539G	63	5.599G	64	5.516G
65	5.349G	66	5.546G	67	5.476G	68	5.612G
69	5.681G	70	5.393G	71	5.528G	72	5.517G
73	5.439G	74	5.671G	75	5.467G	76	5.491G
77	5.717G	78	5.311G	79	5.588G	80	5.365G
81	5.597G	82	5.515G	83	5.545G	84	5.276G
85	5.571G	86	5.522G	87	5.333G	88	5.585G
89	5.510G	90	5.623G	91	5.459G	92	5.267G
93	5.328G	94	5.456G	95	5.583G	96	5.344G
97	5.615G	98	5.635G	99	5.447G	100	5.390G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.390G	2	5.277G	3	5.508G	4	5.629G
5	5.409G	6	5.698G	7	5.627G	8	5.548G
9	5.674G	10	5.660G	11	5.651G	12	5.712G
13	5.626G	14	5.599G	15	5.499G	16	5.289G
17	5.420G	18	5.291G	19	5.616G	20	5.504G
21	5.290G	22	5.576G	23	5.649G	24	5.691G
25	5.340G	26	5.613G	27	5.468G	28	5.355G
29	5.438G	30	5.467G	31	5.642G	32	5.439G
33	5.659G	34	5.286G	35	5.459G	36	5.482G
37	5.323G	38	5.534G	39	5.456G	40	5.425G
41	5.585G	42	5.516G	43	5.282G	44	5.315G
45	5.303G	46	5.480G	47	5.598G	48	5.314G
49	5.667G	50	5.518G	51	5.316G	52	5.430G
53	5.460G	54	5.591G	55	5.330G	56	5.283G
57	5.470G	58	5.479G	59	5.505G	60	5.275G
61	5.370G	62	5.485G	63	5.530G	64	5.693G
65	5.266G	66	5.537G	67	5.633G	68	5.553G
69	5.492G	70	5.251G	71	5.595G	72	5.723G
73	5.287G	74	5.670G	75	5.338G	76	5.602G
77	5.328G	78	5.635G	79	5.337G	80	5.366G
81	5.322G	82	5.699G	83	5.362G	84	5.721G
85	5.647G	86	5.644G	87	5.630G	88	5.545G
89	5.567G	90	5.339G	91	5.429G	92	5.250G
93	5.318G	94	5.612G	95	5.329G	96	5.536G
97	5.487G	98	5.411G	99	5.683G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.375G	2	5.581G	3	5.437G	4	5.348G
5	5.576G	6	5.436G	7	5.582G	8	5.441G
9	5.358G	10	5.549G	11	5.621G	12	5.651G
13	5.538G	14	5.259G	15	5.333G	16	5.331G

17	5.356G	18	5.318G	19	5.618G	20	5.448G
21	5.432G	22	5.672G	23	5.577G	24	5.699G
25	5.566G	26	5.433G	27	5.639G	28	5.419G
29	5.295G	30	5.311G	31	5.531G	32	5.623G
33	5.499G	34	5.616G	35	5.374G	36	5.634G
37	5.649G	38	5.440G	39	5.484G	40	5.427G
41	5.641G	42	5.698G	43	5.664G	44	5.458G
45	5.626G	46	5.299G	47	5.413G	48	5.689G
49	5.306G	50	5.268G	51	5.667G	52	5.671G
53	5.400G	54	5.402G	55	5.528G	56	5.659G
57	5.559G	58	5.600G	59	5.388G	60	5.519G
61	5.416G	62	5.377G	63	5.712G	64	5.661G
65	5.595G	66	5.650G	67	5.383G	68	5.565G
69	5.485G	70	5.524G	71	5.696G	72	5.574G
73	5.505G	74	5.632G	75	5.470G	76	5.456G
77	5.272G	78	5.327G	79	5.724G	80	5.353G
81	5.461G	82	5.622G	83	5.609G	84	5.688G
85	5.251G	86	5.504G	87	5.575G	88	5.269G
89	5.341G	90	5.635G	91	5.368G	92	5.372G
93	5.656G	94	5.716G	95	5.583G	96	5.428G
97	5.447G	98	5.619G	99	5.373G	100	5.631G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.517G	2	5.585G	3	5.620G	4	5.636G
5	5.493G	6	5.416G	7	5.648G	8	5.498G
9	5.453G	10	5.420G	11	5.310G	12	5.595G
13	5.436G	14	5.432G	15	5.669G	16	5.477G
17	5.354G	18	5.466G	19	5.472G	20	5.545G
21	5.556G	22	5.644G	23	5.608G	24	5.508G
25	5.257G	26	5.418G	27	5.571G	28	5.609G
29	5.647G	30	5.371G	31	5.554G	32	5.533G
33	5.537G	34	5.698G	35	5.646G	36	5.456G
37	5.641G	38	5.611G	39	5.693G	40	5.372G
41	5.700G	42	5.671G	43	5.514G	44	5.523G
45	5.278G	46	5.317G	47	5.263G	48	5.572G

49	5.566G	50	5.519G	51	5.690G	52	5.250G
53	5.509G	54	5.261G	55	5.360G	56	5.260G
57	5.691G	58	5.316G	59	5.649G	60	5.719G
61	5.666G	62	5.687G	63	5.667G	64	5.558G
65	5.414G	66	5.604G	67	5.388G	68	5.528G
69	5.369G	70	5.392G	71	5.680G	72	5.370G
73	5.287G	74	5.540G	75	5.251G	76	5.688G
77	5.428G	78	5.279G	79	5.710G	80	5.451G
81	5.351G	82	5.707G	83	5.622G	84	5.656G
85	5.288G	86	5.385G	87	5.449G	88	5.296G
89	5.380G	90	5.460G	91	5.252G	92	5.318G
93	5.527G	94	5.630G	95	5.325G	96	5.645G
97	5.675G	98	5.588G	99	5.336G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.562G	2	5.529G	3	5.710G	4	5.497G
5	5.676G	6	5.668G	7	5.626G	8	5.349G
9	5.323G	10	5.699G	11	5.438G	12	5.259G
13	5.600G	14	5.340G	15	5.664G	16	5.312G
17	5.467G	18	5.352G	19	5.418G	20	5.614G
21	5.482G	22	5.330G	23	5.338G	24	5.383G
25	5.611G	26	5.284G	27	5.371G	28	5.290G
29	5.553G	30	5.591G	31	5.273G	32	5.617G
33	5.398G	34	5.428G	35	5.289G	36	5.486G
37	5.478G	38	5.585G	39	5.345G	40	5.704G
41	5.642G	42	5.574G	43	5.299G	44	5.681G
45	5.400G	46	5.688G	47	5.549G	48	5.436G
49	5.580G	50	5.616G	51	5.425G	52	5.612G
53	5.606G	54	5.385G	55	5.692G	56	5.266G
57	5.584G	58	5.271G	59	5.257G	60	5.360G
61	5.396G	62	5.456G	63	5.423G	64	5.548G
65	5.254G	66	5.313G	67	5.412G	68	5.648G
69	5.715G	70	5.644G	71	5.268G	72	5.302G
73	5.442G	74	5.707G	75	5.559G	76	5.554G
77	5.261G	78	5.579G	79	5.346G	80	5.689G

81	5.672G	82	5.484G	83	5.658G	84	5.490G
85	5.416G	86	5.342G	87	5.651G	88	5.647G
89	5.458G	90	5.308G	91	5.708G	92	5.374G
93	5.618G	94	5.551G	95	5.264G	96	5.535G
97	5.332G	98	5.635G	99	5.401G	100	5.319G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.302G	2	5.586G	3	5.695G	4	5.623G
5	5.314G	6	5.339G	7	5.518G	8	5.536G
9	5.539G	10	5.658G	11	5.614G	12	5.486G
13	5.361G	14	5.379G	15	5.299G	16	5.368G
17	5.644G	18	5.255G	19	5.334G	20	5.483G
21	5.689G	22	5.354G	23	5.344G	24	5.335G
25	5.597G	26	5.632G	27	5.510G	28	5.388G
29	5.664G	30	5.610G	31	5.598G	32	5.312G
33	5.477G	34	5.607G	35	5.506G	36	5.349G
37	5.514G	38	5.700G	39	5.451G	40	5.570G
41	5.462G	42	5.688G	43	5.482G	44	5.466G
45	5.373G	46	5.571G	47	5.286G	48	5.544G
49	5.567G	50	5.606G	51	5.653G	52	5.713G
53	5.562G	54	5.404G	55	5.338G	56	5.702G
57	5.306G	58	5.712G	59	5.605G	60	5.324G
61	5.679G	62	5.316G	63	5.328G	64	5.711G
65	5.566G	66	5.687G	67	5.595G	68	5.709G
69	5.710G	70	5.665G	71	5.639G	72	5.310G
73	5.593G	74	5.717G	75	5.618G	76	5.587G
77	5.650G	78	5.680G	79	5.633G	80	5.304G
81	5.363G	82	5.410G	83	5.465G	84	5.580G
85	5.612G	86	5.290G	87	5.499G	88	5.322G
89	5.378G	90	5.289G	91	5.468G	92	5.258G
93	5.537G	94	5.459G	95	5.577G	96	5.351G
97	5.415G	98	5.285G	99	5.440G	100	5.348G

IEEE 802.11AC 80MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 100.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	3.6u	213.0u	No
2	24	3.2u	202.0u	Yes
3	28	1.8u	164.0u	Yes
4	27	3.5u	201.0u	Yes
5	24	3.8u	171.0u	Yes
6	23	3.2u	217.0u	Yes
7	27	4.0u	193.0u	Yes
8	24	1.3u	162.0u	Yes
9	28	3.1u	194.0u	Yes
10	24	4.8u	215.0u	Yes
11	26	1.3u	185.0u	Yes
12	27	2.9u	185.0u	Yes
13	23	3.8u	154.0u	Yes
14	28	3.5u	178.0u	Yes
15	24	2.4u	223.0u	Yes
16	25	1.1u	209.0u	Yes
17	29	1.2u	213.0u	Yes
18	26	3.4u	185.0u	No
19	26	1.3u	175.0u	Yes
20	28	4.2u	177.0u	Yes
21	27	4.6u	170.0u	Yes
22	25	1.4u	166.0u	Yes
23	25	2.3u	221.0u	Yes
24	26	3.5u	176.0u	Yes
25	23	1.2u	155.0u	Yes
26	28	2.2u	211.0u	No
27	23	1.7u	202.0u	Yes
28	26	4.3u	197.0u	Yes
29	23	3.3u	167.0u	Yes
30	23	4.5u	189.0u	Yes
Detection Rate: 90.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	6.5u	284.0u	Yes
2	17	9.4u	272.0u	Yes
3	17	6.9u	205.0u	Yes
4	18	8.6u	325.0u	Yes
5	16	9.0u	284.0u	Yes
6	16	9.2u	250.0u	Yes
7	18	7.8u	486.0u	Yes
8	16	6.2u	246.0u	Yes
9	17	8.2u	394.0u	Yes
10	16	7.3u	452.0u	Yes
11	16	7.9u	387.0u	Yes
12	17	6.6u	468.0u	Yes
13	17	6.3u	339.0u	Yes
14	17	8.8u	299.0u	Yes
15	17	6.6u	443.0u	Yes
16	16	8.3u	381.0u	Yes
17	18	7.5u	287.0u	Yes
18	17	6.3u	227.0u	Yes
19	17	6.8u	348.0u	Yes
20	16	7.7u	288.0u	Yes
21	18	6.2u	442.0u	Yes
22	17	6.8u	320.0u	Yes
23	17	9.3u	499.0u	Yes
24	17	9.3u	361.0u	Yes
25	17	8.2u	231.0u	Yes
26	18	6.1u	294.0u	Yes
27	17	6.8u	469.0u	Yes
28	17	9.2u	379.0u	Yes
29	17	8.1u	421.0u	Yes
30	17	6.5u	238.0u	Yes
Detection Rate: 100.0 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	12	18.9u	214.0u	Yes
2	12	11.6u	304.0u	No
3	12	14.4u	342.0u	Yes
4	16	13.6u	375.0u	Yes
5	13	16.6u	284.0u	Yes
6	15	18.5u	405.0u	No
7	12	19.2u	394.0u	Yes
8	14	16.9u	288.0u	Yes
9	15	18.5u	362.0u	Yes
10	13	19.5u	382.0u	Yes
11	15	18.0u	284.0u	Yes
12	13	19.8u	344.0u	Yes
13	14	16.1u	473.0u	Yes
14	14	14.2u	362.0u	Yes
15	12	17.9u	249.0u	No
16	15	15.1u	443.0u	Yes
17	14	13.4u	231.0u	Yes
18	12	13.1u	319.0u	Yes
19	14	14.2u	215.0u	Yes
20	13	18.4u	210.0u	Yes
21	14	12.1u	364.0u	No
22	15	13.1u	213.0u	Yes
23	13	12.8u	302.0u	Yes
24	15	17.3u	286.0u	Yes
25	14	19.5u	340.0u	Yes
26	15	19.0u	349.0u	No
27	14	17.8u	294.0u	Yes
28	13	18.2u	226.0u	Yes
29	14	11.8u	322.0u	Yes
30	15	15.1u	307.0u	Yes
Detection Rate: 83.3 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	No
2	LP_Signal_02	No
3	LP_Signal_03	No
4	LP_Signal_04	No
5	LP_Signal_05	No
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 83.3 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01

Number of Bursts in Trial: 17						
Chrip Center Frequency: 5499MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	79.5u	1.705m	1.445m	362.4m
2	2	18M	69.9u	1.602m	-	523.1m
3	3	18M	70.8u	1.255m	1.794m	353.4m
4	1	11M	86.2u	-	-	401.1m
5	2	19M	92.9u	1.810m	-	119.5m
6	2	12M	55.4u	1.331m	-	323.8m
7	2	9M	96.6u	1.406m	-	284.8m
8	2	12M	74.4u	1.213m	-	30.24m
9	3	17M	74.1u	1.752m	1.858m	98.58m
10	3	20M	96.3u	967.7u	1.566m	391.9m
11	2	7M	66.2u	1.650m	-	503.8m
12	3	8M	65.2u	1.218m	1.706m	286.2m
13	2	9M	81.5u	1.875m	-	288.0m
14	3	12M	63.9u	1.622m	1.383m	103.7m
15	1	17M	82.9u	-	-	530.4m
16	2	9M	72.5u	1.271m	-	172.0m
17	2	19M	99.3u	1.461m	-	132.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5501MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	63.4u	1.747m	-	402.8m
2	1	11M	92.8u	-	-	680.9m
3	1	8M	51.2u	-	-	480.0m
4	1	6M	69.0u	-	-	394.9m
5	3	20M	85.0u	1.161m	1.795m	365.1m
6	2	18M	73.3u	1.770m	-	84.27m
7	2	9M	72.0u	1.545m	-	419.2m

8	2	12M	90.3u	1.566m	-	287.3m
9	2	6M	83.2u	936.8u	-	460.7m
10	2	15M	56.2u	985.8u	-	356.1m
11	3	18M	56.5u	1.253m	1.256m	746.0m
12	2	19M	68.9u	1.080m	-	197.1m
13	3	18M	83.7u	1.845m	1.883m	393.6m
14	1	14M	66.5u	-	-	434.6m
15	2	8M	80.2u	1.411m	-	391.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5503MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.5u	1.580m	-	330.9m
2	2	15M	58.8u	1.662m	-	984.0m
3	2	7M	85.5u	1.704m	-	786.0m
4	2	11M	95.9u	1.349m	-	65.99m
5	2	19M	85.6u	1.021m	-	1.100
6	1	20M	74.6u	-	-	1.147
7	1	11M	70.5u	-	-	20.10m
8	1	18M	66.9u	-	-	743.3m
9	3	18M	56.1u	1.441m	1.561m	1.071
10	3	14M	69.5u	1.857m	1.765m	542.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5505MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	56.2u	-	-	597.6m
2	1	15M	50.2u	-	-	58.69m
3	3	18M	83.6u	1.492m	968.4u	378.8m

4	1	13M	67.3u	-	-	316.8m
5	3	10M	63.5u	956.5u	1.896m	151.0m
6	3	16M	51.0u	1.150m	1.515m	177.6m
7	2	11M	73.4u	1.224m	-	363.2m
8	2	13M	84.6u	1.441m	-	559.2m
9	1	12M	98.2u	-	-	975.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 10 Chrip Center Frequency: 5507MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	91.6u	-	-	83.79m
2	2	13M	98.2u	1.696m	-	728.7m
3	2	15M	94.8u	1.142m	-	721.9m
4	3	16M	97.5u	1.417m	917.5u	1.089
5	2	18M	72.6u	1.577m	-	371.1m
6	2	14M	69.3u	1.314m	-	1.131
7	2	17M	65.5u	1.524m	-	862.1m
8	1	11M	98.5u	-	-	960.9m
9	2	17M	77.2u	1.726m	-	1.178
10	3	16M	83.8u	1.007m	1.499m	969.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 18 Chrip Center Frequency: 5509MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	63.1u	1.205m	-	543.3m
2	3	9M	89.1u	917.9u	1.824m	233.1m
3	2	14M	79.7u	1.399m	-	518.9m
4	2	7M	78.7u	1.743m	-	263.2m
5	3	19M	81.0u	1.692m	1.356m	631.0m

6	1	10M	73.7u	-	-	164.8m
7	1	13M	66.0u	-	-	203.2m
8	1	5M	66.3u	-	-	585.1m
9	3	12M	65.2u	1.604m	1.707m	37.25m
10	3	19M	85.0u	1.507m	1.715m	268.8m
11	2	19M	78.1u	1.635m	-	662.6m
12	3	6M	54.6u	1.244m	971.4u	570.4m
13	3	16M	89.5u	1.901m	1.486m	363.1m
14	3	10M	54.8u	1.659m	1.558m	340.2m
15	2	12M	69.5u	973.5u	-	361.4m
16	2	12M	96.6u	1.005m	-	613.1m
17	3	9M	64.5u	1.828m	1.587m	499.4m
18	1	10M	86.0u	-	-	392.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5511MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	68.5u	-	-	234.5m
2	2	14M	83.5u	1.251m	-	33.14m
3	2	14M	54.8u	1.868m	-	759.3m
4	1	15M	53.0u	-	-	482.6m
5	2	12M	88.5u	1.793m	-	85.48m
6	3	12M	81.8u	1.099m	1.165m	107.1m
7	2	11M	85.8u	1.525m	-	420.7m
8	2	6M	80.3u	1.824m	-	569.6m
9	3	20M	68.0u	1.664m	979.0u	606.3m
10	1	12M	84.7u	-	-	600.4m
11	3	5M	78.9u	1.666m	1.092m	700.4m
12	1	18M	50.8u	-	-	277.9m
13	2	15M	99.0u	1.672m	-	402.5m
14	3	11M	75.4u	1.338m	1.162m	371.6m
15	2	9M	52.3u	1.939m	-	217.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5513MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	51.7u	1.675m	1.840m	844.6m
2	2	16M	52.5u	1.309m	-	371.1m
3	3	17M	53.9u	1.386m	1.436m	351.4m
4	1	8M	64.4u	-	-	205.2m
5	3	15M	89.5u	1.332m	1.846m	532.3m
6	2	12M	87.6u	1.343m	-	598.3m
7	1	16M	72.6u	-	-	856.0m
8	2	14M	99.2u	1.799m	-	1.053
9	1	13M	95.1u	-	-	1.086
10	1	13M	88.4u	-	-	621.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 9						
Chrip Center Frequency: 5515MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	70.3u	1.737m	1.252m	335.6m
2	1	11M	84.7u	-	-	440.9m
3	2	12M	84.2u	1.530m	-	1.207
4	1	8M	93.4u	-	-	363.1m
5	2	9M	97.9u	1.187m	-	529.2m
6	2	14M	53.2u	1.425m	-	1.218
7	2	7M	88.5u	1.373m	-	328.2m
8	2	19M	83.6u	1.112m	-	810.2m
9	1	13M	67.7u	-	-	1.173

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 19						
Chrip Center Frequency: 5517MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	63.8u	1.661m	-	86.75m
2	1	9M	69.9u	-	-	34.87m
3	2	20M	73.5u	1.108m	-	289.6m
4	3	15M	50.1u	1.415m	1.854m	304.0m
5	2	6M	76.5u	1.236m	-	570.2m
6	3	10M	55.2u	1.346m	1.212m	40.77m
7	1	17M	74.8u	-	-	50.11m
8	2	18M	82.2u	1.200m	-	430.8m
9	2	14M	66.8u	1.121m	-	76.06m
10	1	16M	80.0u	-	-	105.0m
11	3	9M	60.6u	1.769m	1.214m	417.9m
12	2	6M	66.1u	1.004m	-	28.34m
13	1	16M	75.1u	-	-	533.8m
14	2	8M	92.1u	1.154m	-	138.0m
15	2	7M	64.1u	1.869m	-	192.0m
16	1	15M	71.7u	-	-	607.4m
17	2	6M	57.0u	1.751m	-	74.28m
18	2	15M	56.4u	1.384m	-	458.1m
19	3	13M	94.4u	1.583m	1.741m	377.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5519MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	92.8u	1.034m	-	1.018
2	1	7M	98.5u	-	-	678.2m

3	1	6M	59.7u	-	-	527.1m
4	1	16M	59.9u	-	-	43.10m
5	1	5M	62.5u	-	-	941.7m
6	2	12M	68.7u	1.737m	-	612.4m
7	3	20M	89.8u	1.363m	1.082m	174.3m
8	2	8M	83.2u	1.828m	-	455.5m
9	3	19M	71.8u	1.034m	1.344m	52.44m
10	1	7M	84.5u	-	-	581.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 10 Chrip Center Frequency: 5521MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	61.8u	1.843m	-	734.7m
2	3	13M	78.1u	1.671m	1.013m	712.5m
3	1	19M	88.0u	-	-	590.6m
4	3	6M	82.0u	1.833m	1.447m	918.1m
5	2	20M	55.2u	1.797m	-	389.3m
6	2	11M	60.4u	1.321m	-	799.7m
7	3	14M	94.9u	1.114m	1.231m	514.6m
8	2	6M	79.8u	1.703m	-	424.0m
9	3	15M	75.7u	1.657m	1.862m	1.180
10	2	9M	51.1u	1.004m	-	18.70m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 13 Chrip Center Frequency: 5523MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	73.4u	-	-	504.3m
2	2	19M	98.1u	994.9u	-	545.5m
3	1	9M	93.5u	-	-	322.4m

4	1	14M	77.3u	-	-	180.2m
5	1	6M	76.0u	-	-	350.6m
6	2	15M	56.2u	1.416m	-	467.3m
7	1	8M	88.1u	-	-	522.0m
8	3	10M	73.4u	1.053m	1.825m	172.9m
9	2	15M	75.0u	1.232m	-	802.1m
10	1	18M	97.8u	-	-	25.50m
11	2	8M	93.1u	1.807m	-	143.8m
12	2	10M	68.7u	1.591m	-	761.4m
13	2	15M	82.8u	1.258m	-	687.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5525MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	56.9u	-	-	481.2m
2	3	6M	82.8u	1.716m	1.682m	269.8m
3	2	11M	71.1u	1.766m	-	702.4m
4	2	19M	86.4u	1.320m	-	765.0m
5	3	18M	79.2u	1.262m	1.445m	547.2m
6	3	17M	92.2u	1.672m	1.581m	241.3m
7	3	14M	79.3u	1.430m	1.585m	138.0m
8	3	17M	53.9u	1.293m	947.1u	843.3m
9	1	8M	54.2u	-	-	217.9m
10	2	9M	71.5u	1.347m	-	68.80m
11	2	11M	65.4u	1.467m	-	803.0m
12	1	8M	62.5u	-	-	250.4m
13	2	12M	60.0u	1.119m	-	699.2m
14	2	20M	59.1u	1.772m	-	263.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5527MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	61.4u	1.925m	-	406.7m
2	2	17M	65.2u	1.930m	-	506.3m
3	2	5M	60.1u	1.225m	-	352.2m
4	2	14M	69.3u	1.628m	-	516.1m
5	1	12M	76.7u	-	-	69.02m
6	2	8M	57.8u	1.232m	-	293.7m
7	1	10M	76.9u	-	-	51.10m
8	2	13M	73.9u	1.390m	-	649.1m
9	2	9M	96.1u	1.023m	-	116.4m
10	3	16M	84.4u	935.6u	1.252m	618.9m
11	1	8M	57.6u	-	-	114.9m
12	2	7M	76.8u	1.252m	-	693.3m
13	2	12M	67.0u	1.358m	-	205.6m
14	2	12M	56.9u	1.727m	-	338.7m
15	2	13M	68.6u	1.723m	-	307.5m
16	2	19M	65.2u	1.584m	-	276.2m
17	1	17M	60.4u	-	-	100.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5529MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	92.7u	1.327m	1.415m	126.9m
2	3	20M	66.5u	1.708m	1.334m	696.5m
3	2	15M	92.8u	1.617m	-	1.188
4	1	11M	53.6u	-	-	586.6m

5	3	15M	84.0u	1.000m	1.158m	127.9m
6	2	16M	52.4u	1.495m	-	534.9m
7	1	7M	71.1u	-	-	871.5m
8	3	8M	63.9u	1.711m	1.585m	333.7m
9	2	7M	70.7u	1.502m	-	77.02m
10	2	10M	77.2u	1.164m	-	226.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 18						
Chrip Center Frequency: 5530MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	53.0u	1.063m	-	376.6m
2	2	16M	76.6u	1.134m	-	365.2m
3	1	19M	74.2u	-	-	632.6m
4	2	16M	79.6u	1.428m	-	14.43m
5	1	13M	68.1u	-	-	502.7m
6	1	6M	88.3u	-	-	607.1m
7	2	8M	95.8u	1.628m	-	514.6m
8	3	7M	96.4u	1.346m	1.609m	33.40m
9	2	10M	58.3u	990.7u	-	49.06m
10	1	14M	59.0u	-	-	90.22m
11	2	18M	71.3u	1.224m	-	83.70m
12	3	17M	82.1u	1.132m	1.707m	366.2m
13	3	19M	86.6u	1.125m	1.614m	177.7m
14	1	8M	58.1u	-	-	169.5m
15	1	17M	93.6u	-	-	80.21m
16	1	9M	56.3u	-	-	376.6m
17	2	14M	96.1u	1.463m	-	416.0m
18	1	5M	89.1u	-	-	640.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5531MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	65.5u	1.832m	-	789.4m
2	3	19M	91.5u	1.605m	1.548m	238.0m
3	3	18M	83.3u	1.642m	1.615m	48.26m
4	3	17M	94.6u	932.4u	1.648m	727.5m
5	3	6M	61.7u	1.259m	1.506m	471.0m
6	2	19M	68.2u	1.239m	-	132.6m
7	2	10M	64.9u	1.355m	-	138.8m
8	2	18M	81.0u	1.697m	-	445.2m
9	2	6M	88.3u	1.309m	-	285.2m
10	3	12M	90.9u	1.274m	1.119m	429.4m
11	3	11M	53.0u	948.0u	1.200m	482.1m
12	2	17M	73.5u	1.914m	-	735.5m
13	2	19M	71.7u	1.165m	-	525.5m
14	2	17M	55.9u	1.939m	-	491.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5532MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	51.9u	1.544m	1.864m	375.1m
2	2	11M	81.5u	1.143m	-	192.7m
3	1	19M	91.3u	-	-	633.2m
4	2	13M	97.6u	1.724m	-	756.5m
5	3	5M	97.2u	1.842m	1.182m	890.8m
6	1	14M	62.6u	-	-	420.7m
7	2	15M	59.3u	1.146m	-	707.2m

8	1	13M	62.5u	-	-	668.1m
9	1	16M	76.1u	-	-	360.0m
10	2	13M	82.1u	1.526m	-	570.7m
11	3	8M	87.5u	1.894m	1.907m	759.4m
12	3	13M	60.4u	1.459m	1.237m	103.4m
13	2	15M	63.9u	1.313m	-	583.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 14						
Chrip Center Frequency: 5534MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	64.0u	1.885m	-	398.6m
2	2	6M	80.1u	1.386m	-	516.7m
3	2	15M	89.2u	1.549m	-	66.33m
4	1	15M	71.7u	-	-	355.1m
5	2	10M	94.9u	1.166m	-	571.5m
6	2	7M	76.0u	1.788m	-	195.6m
7	2	11M	53.3u	1.302m	-	602.4m
8	2	18M	56.3u	1.384m	-	424.1m
9	2	20M	98.6u	1.624m	-	158.0m
10	2	9M	80.9u	1.343m	-	423.4m
11	2	13M	82.2u	1.817m	-	608.6m
12	1	13M	93.2u	-	-	310.3m
13	1	5M	55.8u	-	-	821.3m
14	1	20M	63.0u	-	-	421.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5536MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	81.2u	1.666m	-	562.9m

2	1	7M	83.7u	-	-	932.9m
3	3	7M	80.2u	1.590m	1.831m	176.9m
4	2	18M	92.0u	1.519m	-	323.6m
5	3	18M	92.6u	1.055m	970.4u	817.2m
6	2	6M	74.2u	926.8u	-	691.5m
7	2	10M	71.2u	1.683m	-	1.054
8	2	5M	61.9u	1.087m	-	838.7m
9	2	8M	68.9u	1.360m	-	414.8m
10	2	10M	71.0u	1.394m	-	775.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5538MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	89.2u	-	-	343.1m
2	3	9M	71.1u	1.713m	1.792m	238.0m
3	2	18M	78.1u	1.252m	-	342.7m
4	3	13M	66.6u	1.709m	1.755m	446.9m
5	2	14M	50.2u	1.120m	-	165.3m
6	2	20M	82.7u	1.589m	-	513.9m
7	1	18M	69.3u	-	-	343.3m
8	2	16M	75.7u	1.814m	-	701.8m
9	2	14M	50.7u	1.070m	-	754.0m
10	3	5M	87.7u	1.512m	1.442m	100.1m
11	3	20M	51.9u	1.696m	1.681m	96.05m
12	3	18M	73.9u	1.616m	1.166m	368.0m
13	2	7M	97.2u	914.8u	-	298.8m
14	3	5M	75.6u	1.798m	1.175m	511.0m
15	1	7M	60.5u	-	-	656.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 10						
Chrip Center Frequency: 5540MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	98.4u	1.057m	-	804.0m
2	3	11M	60.6u	1.163m	1.594m	514.2m
3	2	17M	71.7u	1.263m	-	460.4m
4	2	18M	58.6u	1.118m	-	333.8m
5	1	12M	71.5u	-	-	196.3m
6	1	20M	86.5u	-	-	480.7m
7	1	6M	82.9u	-	-	701.2m
8	1	16M	73.5u	-	-	1.165
9	3	16M	77.6u	948.4u	1.047m	589.3m
10	3	16M	88.9u	1.304m	1.586m	998.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 18						
Chrip Center Frequency: 5542MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	5M	78.2u	-	-	538.8m
2	1	6M	75.6u	-	-	187.9m
3	1	13M	88.6u	-	-	584.6m
4	1	13M	72.7u	-	-	356.1m
5	2	7M	69.5u	961.5u	-	304.4m
6	2	5M	62.0u	1.691m	-	267.7m
7	1	15M	95.5u	-	-	353.6m
8	3	11M	92.2u	1.844m	1.630m	41.27m
9	2	9M	97.7u	1.446m	-	552.6m
10	3	10M	57.6u	1.621m	1.203m	120.4m
11	1	6M	89.9u	-	-	35.45m

12	1	7M	88.2u	-	-	3.635m
13	2	20M	64.6u	1.541m	-	575.6m
14	2	9M	53.7u	1.100m	-	335.2m
15	2	18M	92.6u	1.104m	-	617.2m
16	1	9M	65.3u	-	-	260.3m
17	1	18M	75.2u	-	-	187.2m
18	1	14M	69.9u	-	-	335.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5544MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	74.3u	1.849m	-	83.06m
2	2	15M	67.0u	1.333m	-	107.9m
3	1	14M	98.1u	-	-	121.0m
4	2	17M	81.7u	1.444m	-	244.0m
5	2	19M	66.1u	1.689m	-	477.3m
6	2	6M	96.9u	909.1u	-	492.9m
7	2	7M	67.7u	1.375m	-	322.3m
8	2	18M	85.7u	1.112m	-	247.8m
9	1	11M	63.1u	-	-	172.3m
10	1	12M	80.5u	-	-	204.5m
11	3	11M	99.1u	1.124m	1.855m	98.56m
12	2	9M	87.1u	1.271m	-	649.2m
13	1	17M	58.8u	-	-	326.8m
14	2	7M	88.9u	1.003m	-	360.9m
15	1	17M	85.1u	-	-	201.1m
16	2	20M	82.8u	1.511m	-	617.1m
17	2	19M	61.9u	1.657m	-	522.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 12						
Chrip Center Frequency: 5546MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	65.5u	1.429m	-	528.4m
2	2	6M	67.7u	1.925m	-	252.5m
3	1	17M	83.7u	-	-	285.4m
4	1	16M	59.2u	-	-	997.6m
5	2	9M	76.5u	1.161m	-	272.6m
6	2	6M	79.5u	1.873m	-	406.8m
7	1	7M	86.5u	-	-	104.5m
8	1	19M	85.6u	-	-	223.4m
9	1	11M	92.2u	-	-	640.5m
10	2	19M	54.6u	1.308m	-	353.7m
11	2	11M	70.1u	1.599m	-	746.9m
12	3	20M	71.6u	997.4u	1.068m	208.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 17						
Chrip Center Frequency: 5548MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	73.2u	1.141m	-	378.0m
2	1	18M	91.5u	-	-	129.8m
3	2	14M	70.5u	1.723m	-	484.5m
4	2	5M	77.2u	1.621m	-	257.3m
5	3	19M	65.6u	1.689m	1.600m	684.0m
6	3	14M	81.8u	1.783m	1.009m	463.4m
7	3	18M	52.1u	1.574m	1.617m	124.9m
8	2	9M	64.7u	1.617m	-	629.4m
9	2	12M	96.0u	1.437m	-	535.1m

10	1	18M	83.1u	-	-	354.6m
11	1	8M	74.3u	-	-	28.15m
12	1	14M	94.4u	-	-	525.6m
13	3	12M	69.5u	1.452m	1.730m	346.9m
14	2	20M	86.8u	1.054m	-	673.0m
15	2	15M	57.0u	1.236m	-	697.4m
16	2	8M	55.7u	1.378m	-	197.8m
17	2	12M	67.9u	1.630m	-	263.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5550MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	91.2u	1.196m	-	595.0m
2	3	17M	57.3u	1.641m	1.021m	5.132m
3	1	17M	72.7u	-	-	665.6m
4	2	13M	68.8u	1.231m	-	119.0m
5	3	8M	67.1u	1.603m	1.916m	43.18m
6	1	19M	75.7u	-	-	172.4m
7	1	18M	50.4u	-	-	224.6m
8	3	16M	73.8u	1.285m	1.091m	678.5m
9	2	7M	86.5u	1.003m	-	670.5m
10	1	12M	55.0u	-	-	352.1m
11	2	15M	54.9u	1.687m	-	306.9m
12	1	9M	86.4u	-	-	731.7m
13	1	7M	71.4u	-	-	699.2m
14	1	6M	50.6u	-	-	40.77m
15	3	17M	94.5u	1.110m	1.796m	272.4m
16	1	6M	66.6u	-	-	423.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 13						
Chrip Center Frequency: 5555MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	96.8u	1.257m	1.528m	862.3m
2	3	15M	53.3u	1.351m	1.462m	610.2m
3	3	8M	63.9u	1.872m	1.549m	199.9m
4	3	15M	64.2u	1.028m	961.8u	196.7m
5	2	18M	59.0u	1.052m	-	740.8m
6	1	16M	78.3u	-	-	624.1m
7	2	8M	62.5u	954.5u	-	531.3m
8	3	18M	72.5u	1.832m	1.530m	714.7m
9	3	12M	60.7u	965.3u	1.236m	673.5m
10	2	13M	79.6u	1.583m	-	334.2m
11	2	9M	68.8u	1.557m	-	316.9m
12	2	8M	69.4u	947.6u	-	492.5m
13	1	14M	64.5u	-	-	399.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 11						
Chrip Center Frequency: 5561MHz						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	50.2u	-	-	278.4m
2	2	12M	80.7u	1.382m	-	730.0m
3	1	12M	81.1u	-	-	265.9m
4	2	7M	84.2u	1.356m	-	400.6m
5	2	9M	65.9u	1.133m	-	406.3m
6	1	11M	89.9u	-	-	847.0m
7	2	13M	98.9u	1.563m	-	242.1m
8	2	8M	82.2u	1.518m	-	565.1m

9	1	6M	68.9u	-	-	482.4m
10	2	11M	87.1u	1.471m	-	945.3m
11	2	19M	92.9u	1.341m	-	1.012

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	Yes
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 100.0 %

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
Detection Rate: 100.0 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.295G	2	5.281G	3	5.616G	4	5.580G
5	5.290G	6	5.555G	7	5.681G	8	5.710G
9	5.400G	10	5.376G	11	5.274G	12	5.336G
13	5.470G	14	5.454G	15	5.682G	16	5.622G
17	5.260G	18	5.393G	19	5.466G	20	5.532G
21	5.704G	22	5.327G	23	5.416G	24	5.677G
25	5.615G	26	5.601G	27	5.689G	28	5.599G
29	5.369G	30	5.514G	31	5.718G	32	5.424G
33	5.698G	34	5.330G	35	5.552G	36	5.332G
37	5.284G	38	5.381G	39	5.708G	40	5.635G
41	5.711G	42	5.637G	43	5.633G	44	5.461G
45	5.595G	46	5.267G	47	5.568G	48	5.652G
49	5.391G	50	5.293G	51	5.340G	52	5.629G
53	5.613G	54	5.496G	55	5.296G	56	5.672G
57	5.459G	58	5.405G	59	5.287G	60	5.403G
61	5.250G	62	5.363G	63	5.433G	64	5.713G
65	5.603G	66	5.401G	67	5.512G	68	5.331G
69	5.437G	70	5.544G	71	5.539G	72	5.614G
73	5.443G	74	5.382G	75	5.301G	76	5.289G
77	5.430G	78	5.367G	79	5.592G	80	5.475G
81	5.648G	82	5.639G	83	5.617G	84	5.389G
85	5.679G	86	5.546G	87	5.686G	88	5.712G
89	5.513G	90	5.253G	91	5.522G	92	5.527G
93	5.654G	94	5.298G	95	5.426G	96	5.706G
97	5.347G	98	5.521G	99	5.333G	100	5.598G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.472G	2	5.535G	3	5.307G	4	5.473G
5	5.714G	6	5.321G	7	5.510G	8	5.419G
9	5.339G	10	5.311G	11	5.517G	12	5.477G
13	5.287G	14	5.297G	15	5.302G	16	5.572G
17	5.293G	18	5.575G	19	5.537G	20	5.614G
21	5.438G	22	5.396G	23	5.429G	24	5.445G
25	5.290G	26	5.436G	27	5.424G	28	5.310G
29	5.351G	30	5.497G	31	5.442G	32	5.379G
33	5.266G	34	5.280G	35	5.580G	36	5.478G
37	5.451G	38	5.440G	39	5.253G	40	5.393G
41	5.357G	42	5.715G	43	5.368G	44	5.645G
45	5.334G	46	5.327G	47	5.526G	48	5.446G
49	5.491G	50	5.330G	51	5.683G	52	5.682G
53	5.505G	54	5.492G	55	5.621G	56	5.660G
57	5.391G	58	5.459G	59	5.441G	60	5.342G
61	5.559G	62	5.400G	63	5.599G	64	5.717G
65	5.514G	66	5.309G	67	5.567G	68	5.458G
69	5.617G	70	5.646G	71	5.678G	72	5.423G
73	5.353G	74	5.312G	75	5.658G	76	5.667G
77	5.375G	78	5.404G	79	5.389G	80	5.256G
81	5.493G	82	5.516G	83	5.649G	84	5.598G
85	5.644G	86	5.468G	87	5.341G	88	5.409G
89	5.648G	90	5.378G	91	5.381G	92	5.554G
93	5.539G	94	5.485G	95	5.323G	96	5.332G
97	5.345G	98	5.722G	99	5.565G	100	5.597G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.392G	2	5.448G	3	5.684G	4	5.452G
5	5.457G	6	5.553G	7	5.354G	8	5.351G
9	5.464G	10	5.422G	11	5.651G	12	5.491G
13	5.588G	14	5.606G	15	5.585G	16	5.343G
17	5.583G	18	5.620G	19	5.379G	20	5.552G
21	5.447G	22	5.509G	23	5.661G	24	5.414G
25	5.545G	26	5.630G	27	5.568G	28	5.503G
29	5.522G	30	5.663G	31	5.514G	32	5.348G
33	5.500G	34	5.649G	35	5.655G	36	5.376G
37	5.681G	38	5.283G	39	5.639G	40	5.668G
41	5.512G	42	5.555G	43	5.554G	44	5.578G
45	5.473G	46	5.454G	47	5.461G	48	5.674G
49	5.257G	50	5.690G	51	5.565G	52	5.260G
53	5.386G	54	5.428G	55	5.706G	56	5.286G
57	5.616G	58	5.430G	59	5.313G	60	5.687G
61	5.622G	62	5.653G	63	5.480G	64	5.596G
65	5.550G	66	5.533G	67	5.394G	68	5.644G
69	5.273G	70	5.404G	71	5.710G	72	5.378G
73	5.295G	74	5.271G	75	5.495G	76	5.468G
77	5.443G	78	5.621G	79	5.281G	80	5.478G
81	5.258G	82	5.527G	83	5.593G	84	5.317G
85	5.287G	86	5.340G	87	5.341G	88	5.615G
89	5.576G	90	5.549G	91	5.372G	92	5.390G
93	5.418G	94	5.504G	95	5.335G	96	5.693G
97	5.383G	98	5.664G	99	5.318G	100	5.688G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.476G	2	5.630G	3	5.294G	4	5.654G
5	5.526G	6	5.602G	7	5.625G	8	5.460G
9	5.665G	10	5.622G	11	5.591G	12	5.401G
13	5.314G	14	5.335G	15	5.302G	16	5.683G

17	5.627G	18	5.543G	19	5.405G	20	5.649G
21	5.723G	22	5.421G	23	5.672G	24	5.556G
25	5.268G	26	5.331G	27	5.371G	28	5.504G
29	5.653G	30	5.517G	31	5.700G	32	5.398G
33	5.605G	34	5.322G	35	5.295G	36	5.483G
37	5.458G	38	5.676G	39	5.362G	40	5.663G
41	5.484G	42	5.320G	43	5.365G	44	5.359G
45	5.376G	46	5.713G	47	5.435G	48	5.629G
49	5.650G	50	5.393G	51	5.436G	52	5.692G
53	5.609G	54	5.506G	55	5.578G	56	5.443G
57	5.293G	58	5.260G	59	5.509G	60	5.452G
61	5.284G	62	5.689G	63	5.535G	64	5.337G
65	5.318G	66	5.353G	67	5.690G	68	5.537G
69	5.388G	70	5.265G	71	5.344G	72	5.285G
73	5.675G	74	5.611G	75	5.379G	76	5.468G
77	5.324G	78	5.568G	79	5.684G	80	5.382G
81	5.409G	82	5.469G	83	5.500G	84	5.635G
85	5.555G	86	5.583G	87	5.480G	88	5.366G
89	5.308G	90	5.620G	91	5.326G	92	5.671G
93	5.521G	94	5.290G	95	5.250G	96	5.527G
97	5.707G	98	5.572G	99	5.445G	100	5.481G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.343G	2	5.286G	3	5.426G	4	5.250G
5	5.685G	6	5.307G	7	5.398G	8	5.271G
9	5.690G	10	5.631G	11	5.262G	12	5.290G
13	5.416G	14	5.361G	15	5.480G	16	5.482G
17	5.354G	18	5.623G	19	5.549G	20	5.453G
21	5.681G	22	5.431G	23	5.504G	24	5.325G
25	5.447G	26	5.637G	27	5.378G	28	5.330G
29	5.415G	30	5.274G	31	5.603G	32	5.441G
33	5.312G	34	5.607G	35	5.310G	36	5.421G
37	5.707G	38	5.371G	39	5.396G	40	5.643G
41	5.493G	42	5.410G	43	5.379G	44	5.627G
45	5.666G	46	5.539G	47	5.254G	48	5.477G

49	5.613G	50	5.333G	51	5.394G	52	5.540G
53	5.713G	54	5.342G	55	5.650G	56	5.408G
57	5.621G	58	5.481G	59	5.559G	60	5.524G
61	5.567G	62	5.628G	63	5.716G	64	5.682G
65	5.683G	66	5.463G	67	5.269G	68	5.507G
69	5.458G	70	5.353G	71	5.722G	72	5.380G
73	5.340G	74	5.280G	75	5.472G	76	5.551G
77	5.695G	78	5.498G	79	5.470G	80	5.438G
81	5.622G	82	5.324G	83	5.568G	84	5.658G
85	5.661G	86	5.675G	87	5.500G	88	5.534G
89	5.282G	90	5.357G	91	5.560G	92	5.302G
93	5.382G	94	5.589G	95	5.294G	96	5.272G
97	5.296G	98	5.594G	99	5.595G	100	5.273G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.530G	3	5.480G	4	5.338G
5	5.366G	6	5.453G	7	5.638G	8	5.331G
9	5.294G	10	5.276G	11	5.437G	12	5.644G
13	5.552G	14	5.443G	15	5.582G	16	5.320G
17	5.625G	18	5.605G	19	5.548G	20	5.260G
21	5.584G	22	5.702G	23	5.636G	24	5.577G
25	5.394G	26	5.312G	27	5.511G	28	5.692G
29	5.501G	30	5.297G	31	5.613G	32	5.332G
33	5.428G	34	5.390G	35	5.257G	36	5.474G
37	5.723G	38	5.720G	39	5.573G	40	5.417G
41	5.380G	42	5.492G	43	5.292G	44	5.481G
45	5.267G	46	5.496G	47	5.274G	48	5.567G
49	5.554G	50	5.485G	51	5.303G	52	5.367G
53	5.534G	54	5.504G	55	5.324G	56	5.391G
57	5.411G	58	5.323G	59	5.540G	60	5.576G
61	5.608G	62	5.279G	63	5.341G	64	5.371G
65	5.618G	66	5.665G	67	5.396G	68	5.699G
69	5.268G	70	5.439G	71	5.627G	72	5.693G
73	5.536G	74	5.325G	75	5.667G	76	5.685G
77	5.343G	78	5.669G	79	5.382G	80	5.254G

81	5.681G	82	5.360G	83	5.433G	84	5.326G
85	5.398G	86	5.250G	87	5.503G	88	5.369G
89	5.387G	90	5.654G	91	5.426G	92	5.527G
93	5.441G	94	5.538G	95	5.603G	96	5.697G
97	5.418G	98	5.518G	99	5.559G	100	5.581G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.420G	2	5.298G	3	5.463G	4	5.551G
5	5.363G	6	5.459G	7	5.278G	8	5.339G
9	5.526G	10	5.681G	11	5.660G	12	5.425G
13	5.449G	14	5.528G	15	5.558G	16	5.260G
17	5.251G	18	5.343G	19	5.416G	20	5.453G
21	5.507G	22	5.533G	23	5.382G	24	5.596G
25	5.483G	26	5.454G	27	5.575G	28	5.312G
29	5.431G	30	5.379G	31	5.546G	32	5.389G
33	5.409G	34	5.479G	35	5.428G	36	5.296G
37	5.267G	38	5.666G	39	5.432G	40	5.689G
41	5.272G	42	5.451G	43	5.580G	44	5.287G
45	5.654G	46	5.515G	47	5.405G	48	5.334G
49	5.600G	50	5.647G	51	5.565G	52	5.628G
53	5.527G	54	5.661G	55	5.541G	56	5.589G
57	5.348G	58	5.448G	59	5.426G	60	5.470G
61	5.281G	62	5.357G	63	5.421G	64	5.371G
65	5.270G	66	5.282G	67	5.583G	68	5.327G
69	5.619G	70	5.578G	71	5.621G	72	5.545G
73	5.441G	74	5.372G	75	5.275G	76	5.644G
77	5.386G	78	5.702G	79	5.465G	80	5.555G
81	5.673G	82	5.579G	83	5.330G	84	5.671G
85	5.494G	86	5.534G	87	5.581G	88	5.599G
89	5.364G	90	5.414G	91	5.319G	92	5.688G
93	5.464G	94	5.352G	95	5.345G	96	5.590G
97	5.585G	98	5.337G	99	5.508G	100	5.510G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.343G	2	5.491G	3	5.638G	4	5.412G
5	5.603G	6	5.583G	7	5.255G	8	5.268G
9	5.620G	10	5.712G	11	5.588G	12	5.258G
13	5.568G	14	5.609G	15	5.514G	16	5.584G
17	5.478G	18	5.353G	19	5.438G	20	5.359G
21	5.586G	22	5.656G	23	5.436G	24	5.421G
25	5.617G	26	5.687G	27	5.678G	28	5.511G
29	5.671G	30	5.434G	31	5.413G	32	5.299G
33	5.365G	34	5.646G	35	5.550G	36	5.257G
37	5.559G	38	5.698G	39	5.372G	40	5.658G
41	5.699G	42	5.715G	43	5.447G	44	5.317G
45	5.256G	46	5.409G	47	5.308G	48	5.427G
49	5.348G	50	5.373G	51	5.390G	52	5.649G
53	5.330G	54	5.657G	55	5.631G	56	5.304G
57	5.701G	58	5.332G	59	5.690G	60	5.439G
61	5.582G	62	5.661G	63	5.398G	64	5.612G
65	5.554G	66	5.674G	67	5.296G	68	5.260G
69	5.286G	70	5.452G	71	5.692G	72	5.469G
73	5.545G	74	5.654G	75	5.402G	76	5.694G
77	5.531G	78	5.591G	79	5.597G	80	5.269G
81	5.463G	82	5.581G	83	5.265G	84	5.484G
85	5.337G	86	5.534G	87	5.303G	88	5.363G
89	5.472G	90	5.607G	91	5.352G	92	5.385G
93	5.468G	94	5.633G	95	5.608G	96	5.302G
97	5.684G	98	5.357G	99	5.451G	100	5.594G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.454G	3	5.416G	4	5.641G
5	5.506G	6	5.316G	7	5.502G	8	5.474G
9	5.285G	10	5.692G	11	5.363G	12	5.568G
13	5.428G	14	5.631G	15	5.267G	16	5.396G

17	5.587G	18	5.669G	19	5.478G	20	5.720G
21	5.282G	22	5.320G	23	5.643G	24	5.655G
25	5.672G	26	5.527G	27	5.395G	28	5.684G
29	5.456G	30	5.689G	31	5.326G	32	5.302G
33	5.426G	34	5.307G	35	5.287G	36	5.721G
37	5.622G	38	5.714G	39	5.473G	40	5.580G
41	5.664G	42	5.521G	43	5.718G	44	5.259G
45	5.628G	46	5.343G	47	5.588G	48	5.369G
49	5.678G	50	5.575G	51	5.434G	52	5.414G
53	5.654G	54	5.590G	55	5.579G	56	5.558G
57	5.662G	58	5.551G	59	5.331G	60	5.274G
61	5.677G	62	5.321G	63	5.577G	64	5.600G
65	5.444G	66	5.620G	67	5.652G	68	5.366G
69	5.649G	70	5.629G	71	5.540G	72	5.694G
73	5.337G	74	5.415G	75	5.613G	76	5.515G
77	5.547G	78	5.555G	79	5.665G	80	5.458G
81	5.608G	82	5.523G	83	5.481G	84	5.441G
85	5.683G	86	5.355G	87	5.261G	88	5.417G
89	5.283G	90	5.724G	91	5.531G	92	5.713G
93	5.616G	94	5.256G	95	5.386G	96	5.642G
97	5.341G	98	5.528G	99	5.278G	100	5.440G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.634G	2	5.333G	3	5.296G	4	5.299G
5	5.416G	6	5.614G	7	5.573G	8	5.468G
9	5.515G	10	5.351G	11	5.531G	12	5.483G
13	5.378G	14	5.312G	15	5.408G	16	5.474G
17	5.261G	18	5.293G	19	5.465G	20	5.697G
21	5.326G	22	5.255G	23	5.379G	24	5.719G
25	5.675G	26	5.477G	27	5.691G	28	5.649G
29	5.268G	30	5.388G	31	5.530G	32	5.694G
33	5.486G	34	5.597G	35	5.297G	36	5.254G
37	5.304G	38	5.608G	39	5.472G	40	5.713G
41	5.453G	42	5.554G	43	5.626G	44	5.421G
45	5.542G	46	5.470G	47	5.539G	48	5.661G

49	5.252G	50	5.256G	51	5.665G	52	5.641G
53	5.275G	54	5.300G	55	5.462G	56	5.497G
57	5.536G	58	5.627G	59	5.721G	60	5.340G
61	5.601G	62	5.590G	63	5.377G	64	5.512G
65	5.491G	66	5.272G	67	5.701G	68	5.263G
69	5.444G	70	5.375G	71	5.640G	72	5.670G
73	5.532G	74	5.494G	75	5.567G	76	5.454G
77	5.633G	78	5.528G	79	5.449G	80	5.316G
81	5.535G	82	5.568G	83	5.660G	84	5.544G
85	5.448G	86	5.394G	87	5.435G	88	5.655G
89	5.343G	90	5.458G	91	5.266G	92	5.547G
93	5.575G	94	5.538G	95	5.349G	96	5.637G
97	5.673G	98	5.672G	99	5.596G	100	5.420G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.473G	2	5.622G	3	5.417G	4	5.603G
5	5.595G	6	5.663G	7	5.504G	8	5.606G
9	5.632G	10	5.362G	11	5.618G	12	5.299G
13	5.552G	14	5.313G	15	5.275G	16	5.474G
17	5.521G	18	5.594G	19	5.547G	20	5.262G
21	5.253G	22	5.518G	23	5.704G	24	5.466G
25	5.481G	26	5.332G	27	5.532G	28	5.608G
29	5.513G	30	5.505G	31	5.398G	32	5.546G
33	5.711G	34	5.456G	35	5.619G	36	5.338G
37	5.410G	38	5.550G	39	5.605G	40	5.387G
41	5.497G	42	5.508G	43	5.487G	44	5.677G
45	5.342G	46	5.555G	47	5.611G	48	5.360G
49	5.479G	50	5.625G	51	5.421G	52	5.695G
53	5.256G	54	5.590G	55	5.458G	56	5.520G
57	5.367G	58	5.368G	59	5.478G	60	5.654G
61	5.697G	62	5.281G	63	5.607G	64	5.393G
65	5.408G	66	5.626G	67	5.498G	68	5.436G
69	5.517G	70	5.660G	71	5.573G	72	5.415G
73	5.693G	74	5.667G	75	5.352G	76	5.315G
77	5.668G	78	5.459G	79	5.482G	80	5.375G

81	5.424G	82	5.429G	83	5.418G	84	5.306G
85	5.300G	86	5.615G	87	5.542G	88	5.646G
89	5.361G	90	5.506G	91	5.706G	92	5.578G
93	5.310G	94	5.274G	95	5.686G	96	5.623G
97	5.322G	98	5.645G	99	5.391G	100	5.683G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.354G	2	5.327G	3	5.579G	4	5.266G
5	5.474G	6	5.477G	7	5.623G	8	5.507G
9	5.548G	10	5.551G	11	5.614G	12	5.316G
13	5.431G	14	5.628G	15	5.412G	16	5.664G
17	5.389G	18	5.368G	19	5.367G	20	5.450G
21	5.634G	22	5.318G	23	5.629G	24	5.620G
25	5.414G	26	5.503G	27	5.613G	28	5.485G
29	5.539G	30	5.655G	31	5.528G	32	5.706G
33	5.538G	34	5.702G	35	5.401G	36	5.645G
37	5.360G	38	5.699G	39	5.670G	40	5.598G
41	5.704G	42	5.680G	43	5.572G	44	5.258G
45	5.630G	46	5.665G	47	5.407G	48	5.593G
49	5.447G	50	5.473G	51	5.320G	52	5.362G
53	5.685G	54	5.379G	55	5.597G	56	5.546G
57	5.544G	58	5.359G	59	5.515G	60	5.631G
61	5.307G	62	5.256G	63	5.396G	64	5.497G
65	5.458G	66	5.409G	67	5.383G	68	5.590G
69	5.439G	70	5.627G	71	5.404G	72	5.695G
73	5.453G	74	5.273G	75	5.684G	76	5.711G
77	5.275G	78	5.419G	79	5.661G	80	5.386G
81	5.381G	82	5.418G	83	5.254G	84	5.373G
85	5.481G	86	5.535G	87	5.374G	88	5.463G
89	5.519G	90	5.547G	91	5.709G	92	5.636G
93	5.575G	94	5.506G	95	5.309G	96	5.334G
97	5.321G	98	5.633G	99	5.272G	100	5.504G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.410G	2	5.578G	3	5.526G	4	5.382G
5	5.717G	6	5.574G	7	5.368G	8	5.506G
9	5.473G	10	5.552G	11	5.711G	12	5.479G
13	5.380G	14	5.513G	15	5.503G	16	5.493G
17	5.350G	18	5.599G	19	5.349G	20	5.638G
21	5.533G	22	5.509G	23	5.686G	24	5.332G
25	5.606G	26	5.461G	27	5.261G	28	5.364G
29	5.527G	30	5.251G	31	5.556G	32	5.525G
33	5.307G	34	5.274G	35	5.402G	36	5.521G
37	5.322G	38	5.709G	39	5.689G	40	5.642G
41	5.691G	42	5.692G	43	5.419G	44	5.265G
45	5.540G	46	5.373G	47	5.278G	48	5.582G
49	5.576G	50	5.404G	51	5.604G	52	5.661G
53	5.454G	54	5.519G	55	5.518G	56	5.697G
57	5.455G	58	5.280G	59	5.294G	60	5.547G
61	5.530G	62	5.548G	63	5.528G	64	5.312G
65	5.289G	66	5.365G	67	5.302G	68	5.664G
69	5.478G	70	5.416G	71	5.567G	72	5.444G
73	5.279G	74	5.325G	75	5.354G	76	5.327G
77	5.550G	78	5.470G	79	5.515G	80	5.651G
81	5.536G	82	5.480G	83	5.595G	84	5.253G
85	5.348G	86	5.429G	87	5.558G	88	5.309G
89	5.627G	90	5.321G	91	5.359G	92	5.440G
93	5.555G	94	5.553G	95	5.343G	96	5.531G
97	5.389G	98	5.650G	99	5.415G	100	5.520G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.484G	2	5.465G	3	5.663G	4	5.418G
5	5.634G	6	5.608G	7	5.648G	8	5.668G
9	5.554G	10	5.328G	11	5.260G	12	5.310G
13	5.619G	14	5.606G	15	5.515G	16	5.353G

17	5.472G	18	5.344G	19	5.656G	20	5.596G
21	5.444G	22	5.523G	23	5.262G	24	5.467G
25	5.400G	26	5.477G	27	5.694G	28	5.530G
29	5.381G	30	5.510G	31	5.320G	32	5.267G
33	5.285G	34	5.633G	35	5.525G	36	5.594G
37	5.470G	38	5.321G	39	5.283G	40	5.626G
41	5.311G	42	5.665G	43	5.366G	44	5.319G
45	5.699G	46	5.500G	47	5.529G	48	5.639G
49	5.420G	50	5.590G	51	5.684G	52	5.452G
53	5.365G	54	5.622G	55	5.681G	56	5.370G
57	5.690G	58	5.704G	59	5.360G	60	5.580G
61	5.474G	62	5.527G	63	5.274G	64	5.724G
65	5.396G	66	5.434G	67	5.346G	68	5.329G
69	5.384G	70	5.388G	71	5.454G	72	5.487G
73	5.560G	74	5.336G	75	5.528G	76	5.358G
77	5.342G	78	5.367G	79	5.441G	80	5.398G
81	5.412G	82	5.458G	83	5.276G	84	5.416G
85	5.719G	86	5.689G	87	5.436G	88	5.421G
89	5.522G	90	5.569G	91	5.520G	92	5.671G
93	5.303G	94	5.437G	95	5.584G	96	5.475G
97	5.287G	98	5.373G	99	5.447G	100	5.682G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.628G	2	5.498G	3	5.648G	4	5.458G
5	5.272G	6	5.534G	7	5.256G	8	5.381G
9	5.501G	10	5.708G	11	5.543G	12	5.338G
13	5.441G	14	5.390G	15	5.599G	16	5.523G
17	5.686G	18	5.298G	19	5.444G	20	5.277G
21	5.254G	22	5.468G	23	5.410G	24	5.311G
25	5.343G	26	5.420G	27	5.723G	28	5.295G
29	5.507G	30	5.553G	31	5.672G	32	5.334G
33	5.377G	34	5.312G	35	5.370G	36	5.539G
37	5.346G	38	5.461G	39	5.416G	40	5.373G
41	5.332G	42	5.678G	43	5.307G	44	5.718G
45	5.659G	46	5.423G	47	5.391G	48	5.709G

49	5.699G	50	5.486G	51	5.396G	52	5.455G
53	5.515G	54	5.577G	55	5.641G	56	5.361G
57	5.504G	58	5.356G	59	5.541G	60	5.274G
61	5.613G	62	5.508G	63	5.584G	64	5.429G
65	5.654G	66	5.612G	67	5.636G	68	5.435G
69	5.451G	70	5.326G	71	5.344G	72	5.700G
73	5.360G	74	5.439G	75	5.671G	76	5.591G
77	5.682G	78	5.353G	79	5.703G	80	5.638G
81	5.434G	82	5.336G	83	5.520G	84	5.605G
85	5.419G	86	5.653G	87	5.705G	88	5.459G
89	5.482G	90	5.492G	91	5.365G	92	5.618G
93	5.466G	94	5.286G	95	5.388G	96	5.269G
97	5.707G	98	5.395G	99	5.414G	100	5.351G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.620G	2	5.486G	3	5.588G	4	5.395G
5	5.338G	6	5.279G	7	5.510G	8	5.658G
9	5.612G	10	5.518G	11	5.462G	12	5.463G
13	5.289G	14	5.656G	15	5.451G	16	5.672G
17	5.390G	18	5.425G	19	5.344G	20	5.277G
21	5.671G	22	5.495G	23	5.577G	24	5.299G
25	5.684G	26	5.483G	27	5.251G	28	5.482G
29	5.413G	30	5.392G	31	5.552G	32	5.692G
33	5.608G	34	5.713G	35	5.424G	36	5.566G
37	5.496G	38	5.558G	39	5.584G	40	5.284G
41	5.718G	42	5.381G	43	5.630G	44	5.328G
45	5.378G	46	5.550G	47	5.276G	48	5.448G
49	5.468G	50	5.544G	51	5.714G	52	5.543G
53	5.516G	54	5.436G	55	5.371G	56	5.502G
57	5.410G	58	5.603G	59	5.595G	60	5.397G
61	5.681G	62	5.621G	63	5.454G	64	5.252G
65	5.373G	66	5.581G	67	5.582G	68	5.442G
69	5.411G	70	5.301G	71	5.345G	72	5.404G
73	5.318G	74	5.657G	75	5.353G	76	5.427G
77	5.430G	78	5.705G	79	5.587G	80	5.306G

81	5.504G	82	5.505G	83	5.305G	84	5.420G
85	5.257G	86	5.694G	87	5.274G	88	5.572G
89	5.695G	90	5.706G	91	5.515G	92	5.667G
93	5.439G	94	5.711G	95	5.523G	96	5.294G
97	5.709G	98	5.480G	99	5.501G	100	5.511G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.601G	2	5.558G	3	5.609G	4	5.398G
5	5.691G	6	5.597G	7	5.438G	8	5.278G
9	5.253G	10	5.314G	11	5.637G	12	5.620G
13	5.294G	14	5.701G	15	5.468G	16	5.497G
17	5.586G	18	5.677G	19	5.555G	20	5.331G
21	5.681G	22	5.491G	23	5.712G	24	5.275G
25	5.561G	26	5.629G	27	5.455G	28	5.714G
29	5.524G	30	5.392G	31	5.501G	32	5.341G
33	5.444G	34	5.376G	35	5.583G	36	5.556G
37	5.518G	38	5.575G	39	5.400G	40	5.296G
41	5.336G	42	5.368G	43	5.626G	44	5.307G
45	5.718G	46	5.466G	47	5.671G	48	5.674G
49	5.648G	50	5.621G	51	5.539G	52	5.694G
53	5.703G	54	5.515G	55	5.461G	56	5.510G
57	5.632G	58	5.603G	59	5.602G	60	5.334G
61	5.628G	62	5.340G	63	5.397G	64	5.362G
65	5.270G	66	5.417G	67	5.424G	68	5.673G
69	5.443G	70	5.439G	71	5.639G	72	5.295G
73	5.716G	74	5.585G	75	5.285G	76	5.433G
77	5.492G	78	5.274G	79	5.584G	80	5.525G
81	5.287G	82	5.343G	83	5.382G	84	5.423G
85	5.611G	86	5.622G	87	5.410G	88	5.421G
89	5.581G	90	5.344G	91	5.522G	92	5.697G
93	5.544G	94	5.329G	95	5.705G	96	5.520G
97	5.481G	98	5.619G	99	5.530G	100	5.426G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.461G	2	5.656G	3	5.543G	4	5.366G
5	5.462G	6	5.317G	7	5.606G	8	5.337G
9	5.468G	10	5.448G	11	5.581G	12	5.423G
13	5.560G	14	5.397G	15	5.256G	16	5.284G
17	5.302G	18	5.663G	19	5.482G	20	5.648G
21	5.416G	22	5.720G	23	5.660G	24	5.287G
25	5.502G	26	5.564G	27	5.669G	28	5.258G
29	5.372G	30	5.425G	31	5.617G	32	5.591G
33	5.613G	34	5.383G	35	5.654G	36	5.362G
37	5.494G	38	5.629G	39	5.319G	40	5.665G
41	5.650G	42	5.431G	43	5.394G	44	5.251G
45	5.618G	46	5.580G	47	5.453G	48	5.671G
49	5.265G	50	5.525G	51	5.298G	52	5.465G
53	5.532G	54	5.411G	55	5.555G	56	5.541G
57	5.496G	58	5.450G	59	5.391G	60	5.272G
61	5.662G	62	5.264G	63	5.708G	64	5.546G
65	5.686G	66	5.597G	67	5.652G	68	5.473G
69	5.294G	70	5.717G	71	5.307G	72	5.435G
73	5.472G	74	5.506G	75	5.451G	76	5.336G
77	5.554G	78	5.338G	79	5.705G	80	5.598G
81	5.714G	82	5.556G	83	5.666G	84	5.625G
85	5.508G	86	5.523G	87	5.325G	88	5.631G
89	5.684G	90	5.270G	91	5.628G	92	5.356G
93	5.355G	94	5.582G	95	5.390G	96	5.595G
97	5.385G	98	5.388G	99	5.412G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.453G	2	5.390G	3	5.701G	4	5.338G
5	5.388G	6	5.373G	7	5.563G	8	5.477G
9	5.503G	10	5.615G	11	5.532G	12	5.345G
13	5.377G	14	5.314G	15	5.644G	16	5.444G

17	5.323G	18	5.397G	19	5.438G	20	5.553G
21	5.657G	22	5.414G	23	5.288G	24	5.282G
25	5.560G	26	5.266G	27	5.405G	28	5.396G
29	5.275G	30	5.422G	31	5.258G	32	5.327G
33	5.618G	34	5.468G	35	5.456G	36	5.271G
37	5.385G	38	5.533G	39	5.431G	40	5.680G
41	5.488G	42	5.523G	43	5.446G	44	5.401G
45	5.678G	46	5.268G	47	5.499G	48	5.305G
49	5.654G	50	5.715G	51	5.354G	52	5.309G
53	5.541G	54	5.526G	55	5.518G	56	5.556G
57	5.348G	58	5.311G	59	5.276G	60	5.614G
61	5.688G	62	5.347G	63	5.263G	64	5.515G
65	5.653G	66	5.334G	67	5.689G	68	5.509G
69	5.594G	70	5.307G	71	5.695G	72	5.434G
73	5.320G	74	5.329G	75	5.454G	76	5.442G
77	5.481G	78	5.328G	79	5.406G	80	5.700G
81	5.257G	82	5.623G	83	5.386G	84	5.429G
85	5.303G	86	5.722G	87	5.661G	88	5.567G
89	5.384G	90	5.712G	91	5.648G	92	5.398G
93	5.457G	94	5.433G	95	5.445G	96	5.555G
97	5.464G	98	5.339G	99	5.473G	100	5.500G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.452G	2	5.564G	3	5.487G	4	5.341G
5	5.367G	6	5.289G	7	5.714G	8	5.411G
9	5.627G	10	5.692G	11	5.354G	12	5.262G
13	5.368G	14	5.435G	15	5.583G	16	5.678G
17	5.372G	18	5.399G	19	5.567G	20	5.649G
21	5.709G	22	5.704G	23	5.656G	24	5.549G
25	5.448G	26	5.517G	27	5.282G	28	5.539G
29	5.640G	30	5.307G	31	5.581G	32	5.542G
33	5.324G	34	5.694G	35	5.271G	36	5.431G
37	5.252G	38	5.314G	39	5.462G	40	5.463G
41	5.664G	42	5.535G	43	5.569G	44	5.639G
45	5.297G	46	5.526G	47	5.416G	48	5.398G

49	5.386G	50	5.288G	51	5.390G	52	5.361G
53	5.494G	54	5.486G	55	5.586G	56	5.720G
57	5.366G	58	5.475G	59	5.269G	60	5.715G
61	5.259G	62	5.721G	63	5.408G	64	5.561G
65	5.584G	66	5.286G	67	5.296G	68	5.250G
69	5.610G	70	5.507G	71	5.253G	72	5.707G
73	5.500G	74	5.327G	75	5.403G	76	5.632G
77	5.392G	78	5.274G	79	5.268G	80	5.351G
81	5.276G	82	5.445G	83	5.530G	84	5.504G
85	5.394G	86	5.303G	87	5.578G	88	5.499G
89	5.389G	90	5.418G	91	5.330G	92	5.461G
93	5.611G	94	5.420G	95	5.265G	96	5.331G
97	5.702G	98	5.669G	99	5.556G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.586G	3	5.547G	4	5.560G
5	5.427G	6	5.345G	7	5.695G	8	5.485G
9	5.697G	10	5.317G	11	5.369G	12	5.305G
13	5.410G	14	5.705G	15	5.584G	16	5.632G
17	5.680G	18	5.328G	19	5.291G	20	5.352G
21	5.700G	22	5.525G	23	5.678G	24	5.649G
25	5.324G	26	5.284G	27	5.611G	28	5.474G
29	5.723G	30	5.587G	31	5.265G	32	5.392G
33	5.286G	34	5.472G	35	5.564G	36	5.539G
37	5.670G	38	5.332G	39	5.581G	40	5.417G
41	5.289G	42	5.712G	43	5.548G	44	5.625G
45	5.689G	46	5.453G	47	5.460G	48	5.486G
49	5.558G	50	5.576G	51	5.544G	52	5.470G
53	5.599G	54	5.367G	55	5.667G	56	5.283G
57	5.561G	58	5.383G	59	5.706G	60	5.546G
61	5.290G	62	5.315G	63	5.519G	64	5.711G
65	5.448G	66	5.488G	67	5.476G	68	5.351G
69	5.562G	70	5.687G	71	5.312G	72	5.257G
73	5.713G	74	5.640G	75	5.692G	76	5.526G
77	5.540G	78	5.298G	79	5.322G	80	5.516G

81	5.440G	82	5.603G	83	5.321G	84	5.373G
85	5.583G	86	5.710G	87	5.655G	88	5.325G
89	5.343G	90	5.364G	91	5.591G	92	5.407G
93	5.310G	94	5.495G	95	5.303G	96	5.578G
97	5.413G	98	5.443G	99	5.336G	100	5.652G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.324G	2	5.303G	3	5.412G	4	5.415G
5	5.606G	6	5.496G	7	5.536G	8	5.610G
9	5.634G	10	5.375G	11	5.348G	12	5.575G
13	5.477G	14	5.295G	15	5.609G	16	5.544G
17	5.625G	18	5.446G	19	5.556G	20	5.721G
21	5.484G	22	5.270G	23	5.548G	24	5.633G
25	5.406G	26	5.587G	27	5.372G	28	5.639G
29	5.710G	30	5.545G	31	5.260G	32	5.271G
33	5.682G	34	5.288G	35	5.307G	36	5.683G
37	5.404G	38	5.278G	39	5.508G	40	5.444G
41	5.434G	42	5.393G	43	5.517G	44	5.652G
45	5.442G	46	5.301G	47	5.289G	48	5.563G
49	5.463G	50	5.678G	51	5.486G	52	5.522G
53	5.385G	54	5.662G	55	5.449G	56	5.487G
57	5.520G	58	5.499G	59	5.413G	60	5.320G
61	5.481G	62	5.479G	63	5.510G	64	5.550G
65	5.395G	66	5.629G	67	5.599G	68	5.711G
69	5.561G	70	5.381G	71	5.329G	72	5.261G
73	5.362G	74	5.274G	75	5.637G	76	5.450G
77	5.285G	78	5.631G	79	5.363G	80	5.684G
81	5.255G	82	5.366G	83	5.540G	84	5.628G
85	5.349G	86	5.538G	87	5.447G	88	5.421G
89	5.333G	90	5.617G	91	5.697G	92	5.460G
93	5.694G	94	5.364G	95	5.438G	96	5.417G
97	5.505G	98	5.368G	99	5.347G	100	5.488G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.251G	2	5.665G	3	5.552G	4	5.645G
5	5.641G	6	5.503G	7	5.717G	8	5.460G
9	5.709G	10	5.714G	11	5.287G	12	5.340G
13	5.450G	14	5.326G	15	5.353G	16	5.293G
17	5.627G	18	5.256G	19	5.701G	20	5.565G
21	5.413G	22	5.532G	23	5.264G	24	5.433G
25	5.335G	26	5.697G	27	5.682G	28	5.397G
29	5.416G	30	5.262G	31	5.555G	32	5.355G
33	5.349G	34	5.437G	35	5.368G	36	5.509G
37	5.473G	38	5.435G	39	5.713G	40	5.652G
41	5.606G	42	5.574G	43	5.421G	44	5.558G
45	5.512G	46	5.459G	47	5.382G	48	5.585G
49	5.310G	50	5.693G	51	5.488G	52	5.462G
53	5.675G	54	5.584G	55	5.422G	56	5.700G
57	5.567G	58	5.608G	59	5.265G	60	5.703G
61	5.402G	62	5.508G	63	5.295G	64	5.336G
65	5.313G	66	5.506G	67	5.252G	68	5.294G
69	5.648G	70	5.269G	71	5.466G	72	5.412G
73	5.404G	74	5.426G	75	5.618G	76	5.658G
77	5.375G	78	5.477G	79	5.496G	80	5.395G
81	5.663G	82	5.443G	83	5.547G	84	5.432G
85	5.569G	86	5.611G	87	5.299G	88	5.304G
89	5.561G	90	5.646G	91	5.414G	92	5.542G
93	5.354G	94	5.479G	95	5.719G	96	5.677G
97	5.278G	98	5.589G	99	5.285G	100	5.593G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.554G	2	5.548G	3	5.717G	4	5.448G
5	5.393G	6	5.647G	7	5.519G	8	5.263G
9	5.307G	10	5.384G	11	5.529G	12	5.268G
13	5.552G	14	5.333G	15	5.438G	16	5.394G

17	5.556G	18	5.524G	19	5.503G	20	5.648G
21	5.420G	22	5.280G	23	5.309G	24	5.691G
25	5.581G	26	5.606G	27	5.720G	28	5.257G
29	5.382G	30	5.349G	31	5.265G	32	5.484G
33	5.659G	34	5.294G	35	5.419G	36	5.298G
37	5.250G	38	5.408G	39	5.449G	40	5.501G
41	5.346G	42	5.583G	43	5.600G	44	5.644G
45	5.473G	46	5.367G	47	5.668G	48	5.696G
49	5.551G	50	5.676G	51	5.674G	52	5.514G
53	5.319G	54	5.453G	55	5.513G	56	5.509G
57	5.432G	58	5.632G	59	5.708G	60	5.714G
61	5.595G	62	5.458G	63	5.429G	64	5.323G
65	5.270G	66	5.537G	67	5.442G	68	5.591G
69	5.507G	70	5.709G	71	5.439G	72	5.400G
73	5.613G	74	5.339G	75	5.412G	76	5.598G
77	5.260G	78	5.549G	79	5.657G	80	5.667G
81	5.522G	82	5.596G	83	5.654G	84	5.258G
85	5.569G	86	5.318G	87	5.447G	88	5.480G
89	5.710G	90	5.603G	91	5.422G	92	5.721G
93	5.330G	94	5.467G	95	5.684G	96	5.665G
97	5.441G	98	5.320G	99	5.494G	100	5.272G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.511G	2	5.429G	3	5.537G	4	5.702G
5	5.609G	6	5.613G	7	5.364G	8	5.256G
9	5.572G	10	5.723G	11	5.504G	12	5.408G
13	5.624G	14	5.409G	15	5.283G	16	5.690G
17	5.400G	18	5.575G	19	5.309G	20	5.656G
21	5.567G	22	5.361G	23	5.631G	24	5.349G
25	5.405G	26	5.375G	27	5.363G	28	5.547G
29	5.601G	30	5.271G	31	5.674G	32	5.677G
33	5.335G	34	5.378G	35	5.539G	36	5.428G
37	5.704G	38	5.681G	39	5.469G	40	5.348G
41	5.673G	42	5.566G	43	5.498G	44	5.320G
45	5.655G	46	5.295G	47	5.554G	48	5.406G

49	5.407G	50	5.651G	51	5.318G	52	5.698G
53	5.416G	54	5.430G	55	5.319G	56	5.427G
57	5.645G	58	5.293G	59	5.347G	60	5.270G
61	5.474G	62	5.585G	63	5.616G	64	5.506G
65	5.446G	66	5.391G	67	5.327G	68	5.352G
69	5.278G	70	5.559G	71	5.632G	72	5.692G
73	5.672G	74	5.512G	75	5.336G	76	5.273G
77	5.333G	78	5.639G	79	5.366G	80	5.676G
81	5.426G	82	5.555G	83	5.660G	84	5.356G
85	5.721G	86	5.710G	87	5.626G	88	5.615G
89	5.455G	90	5.301G	91	5.693G	92	5.460G
93	5.326G	94	5.604G	95	5.298G	96	5.532G
97	5.699G	98	5.633G	99	5.603G	100	5.359G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.284G	2	5.414G	3	5.596G	4	5.600G
5	5.669G	6	5.318G	7	5.270G	8	5.373G
9	5.409G	10	5.701G	11	5.512G	12	5.658G
13	5.532G	14	5.657G	15	5.660G	16	5.598G
17	5.470G	18	5.422G	19	5.671G	20	5.635G
21	5.649G	22	5.309G	23	5.412G	24	5.445G
25	5.523G	26	5.385G	27	5.254G	28	5.305G
29	5.324G	30	5.559G	31	5.684G	32	5.540G
33	5.696G	34	5.709G	35	5.459G	36	5.469G
37	5.643G	38	5.529G	39	5.661G	40	5.591G
41	5.476G	42	5.366G	43	5.363G	44	5.501G
45	5.594G	46	5.453G	47	5.638G	48	5.436G
49	5.449G	50	5.509G	51	5.383G	52	5.392G
53	5.371G	54	5.310G	55	5.341G	56	5.423G
57	5.507G	58	5.614G	59	5.618G	60	5.700G
61	5.514G	62	5.615G	63	5.478G	64	5.441G
65	5.271G	66	5.446G	67	5.352G	68	5.302G
69	5.486G	70	5.602G	71	5.332G	72	5.307G
73	5.720G	74	5.583G	75	5.386G	76	5.465G
77	5.444G	78	5.718G	79	5.306G	80	5.584G

81	5.312G	82	5.393G	83	5.549G	84	5.533G
85	5.630G	86	5.355G	87	5.686G	88	5.632G
89	5.410G	90	5.567G	91	5.656G	92	5.482G
93	5.688G	94	5.416G	95	5.317G	96	5.714G
97	5.266G	98	5.301G	99	5.294G	100	5.556G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.286G	2	5.312G	3	5.251G	4	5.475G
5	5.421G	6	5.415G	7	5.510G	8	5.713G
9	5.695G	10	5.607G	11	5.532G	12	5.673G
13	5.332G	14	5.537G	15	5.506G	16	5.594G
17	5.470G	18	5.527G	19	5.601G	20	5.347G
21	5.451G	22	5.617G	23	5.406G	24	5.493G
25	5.340G	26	5.516G	27	5.352G	28	5.429G
29	5.608G	30	5.609G	31	5.419G	32	5.511G
33	5.331G	34	5.644G	35	5.612G	36	5.546G
37	5.689G	38	5.508G	39	5.386G	40	5.436G
41	5.425G	42	5.263G	43	5.400G	44	5.704G
45	5.706G	46	5.336G	47	5.356G	48	5.541G
49	5.255G	50	5.702G	51	5.710G	52	5.666G
53	5.579G	54	5.269G	55	5.550G	56	5.374G
57	5.351G	58	5.522G	59	5.558G	60	5.630G
61	5.409G	62	5.449G	63	5.507G	64	5.563G
65	5.270G	66	5.383G	67	5.494G	68	5.350G
69	5.602G	70	5.709G	71	5.362G	72	5.294G
73	5.513G	74	5.686G	75	5.699G	76	5.665G
77	5.284G	78	5.559G	79	5.471G	80	5.370G
81	5.557G	82	5.373G	83	5.407G	84	5.578G
85	5.264G	86	5.685G	87	5.548G	88	5.328G
89	5.342G	90	5.518G	91	5.543G	92	5.583G
93	5.277G	94	5.497G	95	5.327G	96	5.505G
97	5.641G	98	5.268G	99	5.461G	100	5.637G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.641G	2	5.367G	3	5.277G	4	5.407G
5	5.327G	6	5.481G	7	5.468G	8	5.292G
9	5.280G	10	5.440G	11	5.402G	12	5.412G
13	5.491G	14	5.706G	15	5.266G	16	5.417G
17	5.679G	18	5.466G	19	5.312G	20	5.541G
21	5.514G	22	5.656G	23	5.301G	24	5.427G
25	5.269G	26	5.662G	27	5.688G	28	5.534G
29	5.449G	30	5.423G	31	5.483G	32	5.284G
33	5.415G	34	5.257G	35	5.682G	36	5.278G
37	5.426G	38	5.513G	39	5.311G	40	5.344G
41	5.539G	42	5.441G	43	5.331G	44	5.521G
45	5.533G	46	5.586G	47	5.322G	48	5.659G
49	5.478G	50	5.305G	51	5.307G	52	5.362G
53	5.496G	54	5.424G	55	5.699G	56	5.469G
57	5.345G	58	5.432G	59	5.675G	60	5.605G
61	5.484G	62	5.519G	63	5.338G	64	5.396G
65	5.394G	66	5.298G	67	5.399G	68	5.272G
69	5.474G	70	5.614G	71	5.451G	72	5.648G
73	5.428G	74	5.267G	75	5.318G	76	5.442G
77	5.352G	78	5.319G	79	5.681G	80	5.527G
81	5.397G	82	5.657G	83	5.693G	84	5.592G
85	5.258G	86	5.339G	87	5.335G	88	5.359G
89	5.542G	90	5.692G	91	5.591G	92	5.723G
93	5.421G	94	5.628G	95	5.547G	96	5.574G
97	5.704G	98	5.285G	99	5.288G	100	5.347G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.418G	2	5.514G	3	5.400G	4	5.710G
5	5.680G	6	5.268G	7	5.454G	8	5.555G
9	5.623G	10	5.316G	11	5.273G	12	5.668G
13	5.619G	14	5.642G	15	5.267G	16	5.258G

17	5.278G	18	5.308G	19	5.549G	20	5.613G
21	5.320G	22	5.600G	23	5.347G	24	5.536G
25	5.312G	26	5.395G	27	5.595G	28	5.423G
29	5.424G	30	5.342G	31	5.607G	32	5.723G
33	5.479G	34	5.444G	35	5.456G	36	5.551G
37	5.577G	38	5.663G	39	5.374G	40	5.716G
41	5.393G	42	5.684G	43	5.608G	44	5.435G
45	5.538G	46	5.605G	47	5.421G	48	5.617G
49	5.427G	50	5.504G	51	5.604G	52	5.442G
53	5.556G	54	5.352G	55	5.564G	56	5.348G
57	5.696G	58	5.714G	59	5.653G	60	5.644G
61	5.412G	62	5.486G	63	5.665G	64	5.503G
65	5.461G	66	5.416G	67	5.440G	68	5.574G
69	5.649G	70	5.497G	71	5.588G	72	5.718G
73	5.437G	74	5.323G	75	5.553G	76	5.689G
77	5.712G	78	5.590G	79	5.674G	80	5.386G
81	5.501G	82	5.329G	83	5.310G	84	5.401G
85	5.472G	86	5.250G	87	5.534G	88	5.593G
89	5.587G	90	5.569G	91	5.420G	92	5.512G
93	5.255G	94	5.495G	95	5.650G	96	5.448G
97	5.682G	98	5.286G	99	5.365G	100	5.468G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.693G	2	5.528G	3	5.325G	4	5.635G
5	5.547G	6	5.265G	7	5.501G	8	5.709G
9	5.320G	10	5.603G	11	5.491G	12	5.426G
13	5.460G	14	5.449G	15	5.343G	16	5.279G
17	5.509G	18	5.701G	19	5.486G	20	5.526G
21	5.680G	22	5.415G	23	5.613G	24	5.479G
25	5.362G	26	5.257G	27	5.633G	28	5.309G
29	5.422G	30	5.421G	31	5.353G	32	5.661G
33	5.445G	34	5.541G	35	5.524G	36	5.290G
37	5.630G	38	5.689G	39	5.569G	40	5.379G
41	5.280G	42	5.659G	43	5.252G	44	5.256G
45	5.514G	46	5.684G	47	5.335G	48	5.558G

49	5.648G	50	5.348G	51	5.610G	52	5.578G
53	5.271G	54	5.643G	55	5.551G	56	5.597G
57	5.599G	58	5.429G	59	5.381G	60	5.472G
61	5.306G	62	5.312G	63	5.313G	64	5.283G
65	5.654G	66	5.563G	67	5.416G	68	5.259G
69	5.361G	70	5.402G	71	5.288G	72	5.295G
73	5.717G	74	5.488G	75	5.368G	76	5.305G
77	5.587G	78	5.646G	79	5.595G	80	5.556G
81	5.384G	82	5.520G	83	5.686G	84	5.471G
85	5.261G	86	5.268G	87	5.592G	88	5.532G
89	5.468G	90	5.607G	91	5.525G	92	5.297G
93	5.253G	94	5.531G	95	5.619G	96	5.567G
97	5.431G	98	5.451G	99	5.494G	100	5.637G