

DFS Test Report

Report No.: RF171002C21-1

FCC ID: KA2WL6610APB1

Test Model: DWL-6610AP

Received Date: Oct. 02, 2017

Test Date: Jul. 27 ~ Jul. 31, 2018

Issued Date: Aug. 01, 2018

Applicant: D-Link Corporation

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Release Control Record

Issue No.	Description	Date Issued
RF171002C21-1	Original release.	Aug. 01, 2018

1 Certificate of Conformity

Product: Unified AC Concurrent Dual-band PoE Access Point

Brand: D-Link

Test Model: DWL-6610AP

Sample Status: Identical Prototype

Applicant: D-Link Corporation

Test Date: Jul. 27 ~ Jul. 31, 2018

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

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

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 RF characteristics under the conditions specified in this report.

Prepared by : Pettie Chen , **Date:** Aug. 01, 2018
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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	✓	✓

2.2 EUT Software and Firmware Version

Table 2: The EUT Software/Firmware Version

No.	Product	Model No.	Firmware Version
1	Unified AC Concurrent Dual-band PoE Access Point	DWL-6610AP	1.00b28test_0723

2.3 Description of Available Antennas to the EUT

Table 3: Antenna List

ANT No.	Antenna Type	Operation Frequency Range (MHz)	Gain (dBi)
1	PIFA	5250-5350	4
1	PIFA	5470-5725	4
2	PIFA	5250-5350	4
2	PIFA	5470-5725	4

Note:

1. 5250-5350MHz: Directional gain = $4 + 10 \log(2) = 7.01 \text{ dBi}$

2. 5470-5725MHz: Directional gain = $4 + 10 \log(2) = 7.01 \text{ dBi}$

2.4 EUT Maximum Conducted Power

Table 4: The Measured Conducted Output Power

CDD Mode

802.11a

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	21.53	142.233
5470~5725	21.72	148.594

802.11n HT20

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.15	164.059
5470~5725	22.08	161.436

802.11n HT40

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.40	218.776
5470~5725	23.42	219.786

802.11ac VHT80

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	19.85	96.605
5470~5725	23.64	231.206

Beamforming Mode

802.11n HT20

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.09	161.808
5470~5725	22.04	159.956

802.11n HT40

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.61	182.390
5470~5725	22.45	175.792

802.11ac VHT80

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	19.05	80.353
5470~5725	22.59	181.552

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

Table 5: The EIRP Output Power List

CDD Mode

802.11a

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	25.53	357.273
5470~5725	25.72	373.250

802.11n HT20

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	26.15	412.098
5470~5725	26.08	405.509

802.11n HT40

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	27.40	549.541
5470~5725	27.42	552.077

802.11ac VHT80

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	23.85	242.661
5470~5725	27.64	580.764

Beamforming Mode

802.11n HT20

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	29.10	812.831
5470~5725	29.05	803.526

802.11n HT40

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	29.62	916.220
5470~5725	29.46	883.080

802.11ac VHT80

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	26.06	403.645
5470~5725	29.60	912.011

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 916.220mW which more than 500mW, therefore it's require TPC function.

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.

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	✓	✓ note	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

Note: Per KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.

Table 7: Applicability of DFS Requirements during Normal Operation.

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

Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection	Client without radar detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

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, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.
 Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.
 Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

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: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.
 Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.
 Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

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
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{sec}}} \right) \right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

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

Three subsets of trials will be performed with a minimum of ten trials per subset. The subset of trials differ in where the Long Pulse Type 5 Signal is tuned in frequency.

- a) the Channel center frequency
- b) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth
- c) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth

It include 10 trails for every subset, the formula as below,

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.

For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by:

$$FL + (0.4 * \text{Chirp Width [in MHz]})$$

For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by:

$$FH - (0.4 * \text{Chirp Width [in MHz]})$$

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	Model No.	Brand	Date Of Calibration	Due Date Of Calibration
Spectrum analyzer	ESR	R&S	2018/03/01	2019/02/28
Signal generator	8645A	Agilent	2017/08/11	2018/08/10
Horn antenna	BBHA 9120 D	Schwarzbeck	2017/12/14	2018/12/13
RF coaxial cable	CA3501-3501-G.90(3m) & CA3501-3501-F.90(2m)	INFINET	2017/08/21	2018/08/20

4.2 Description of Support Units

Table 14: Support Unit Information.

No.	Product	Brand	Model No.	FCC ID
1	WiFi USB Adapter	NETGEAR	A6210	PY313400249

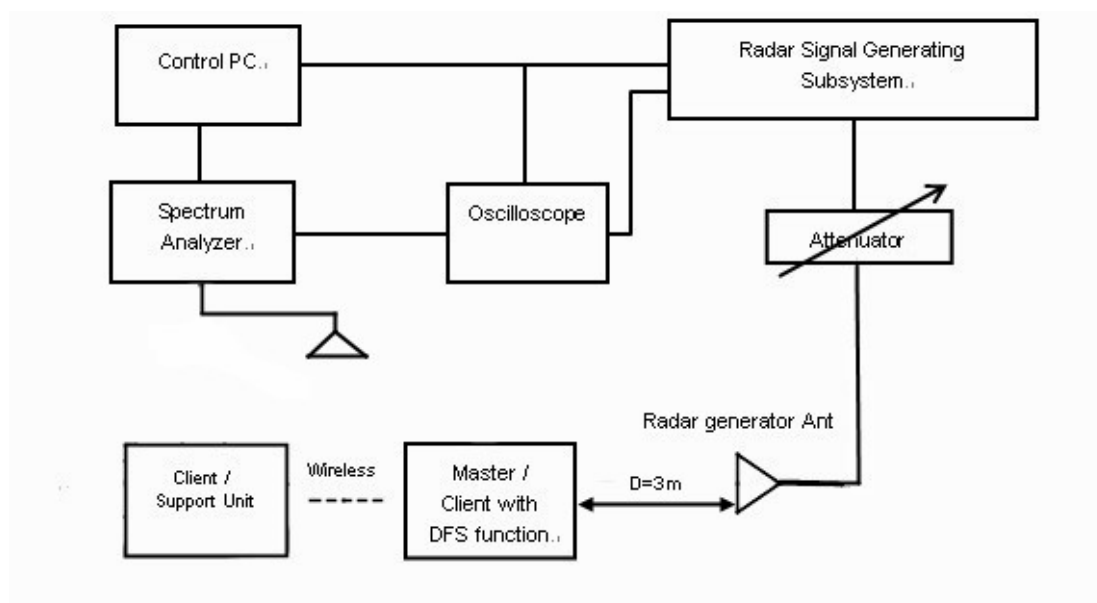
NOTE: This device was functioned as a ☐ Master ☒ Slave device during the DFS test.

5. Test Procedure

5.1 DFS Measurement System

A complete 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 DFS Measurement System



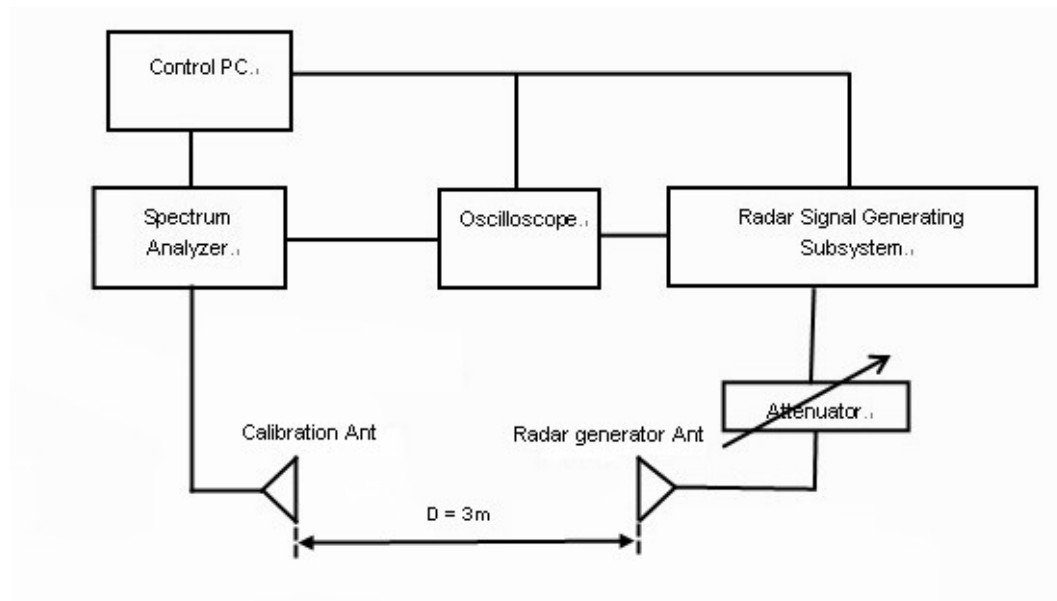
System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

	a) The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
	b) Software to ping the client is permitted to simulate data transfer but must have random ping intervals.
✓	c) Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.
	d) Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.

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

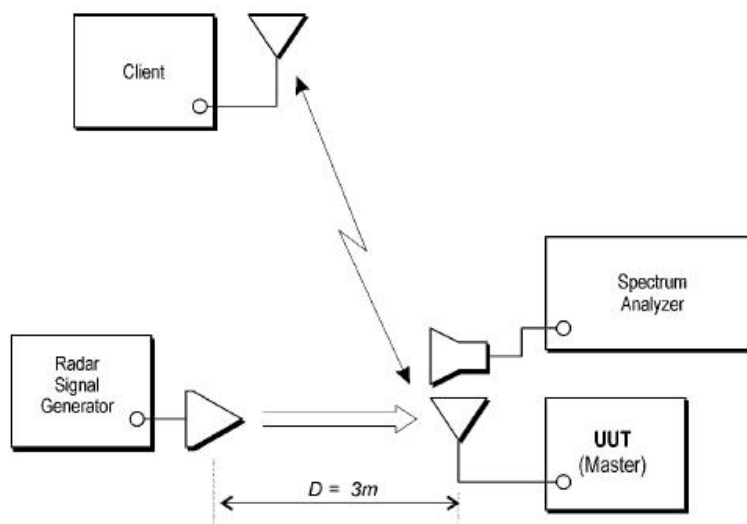


5.3 Deviation from Test Standard

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	U-NII Detection Bandwidth	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

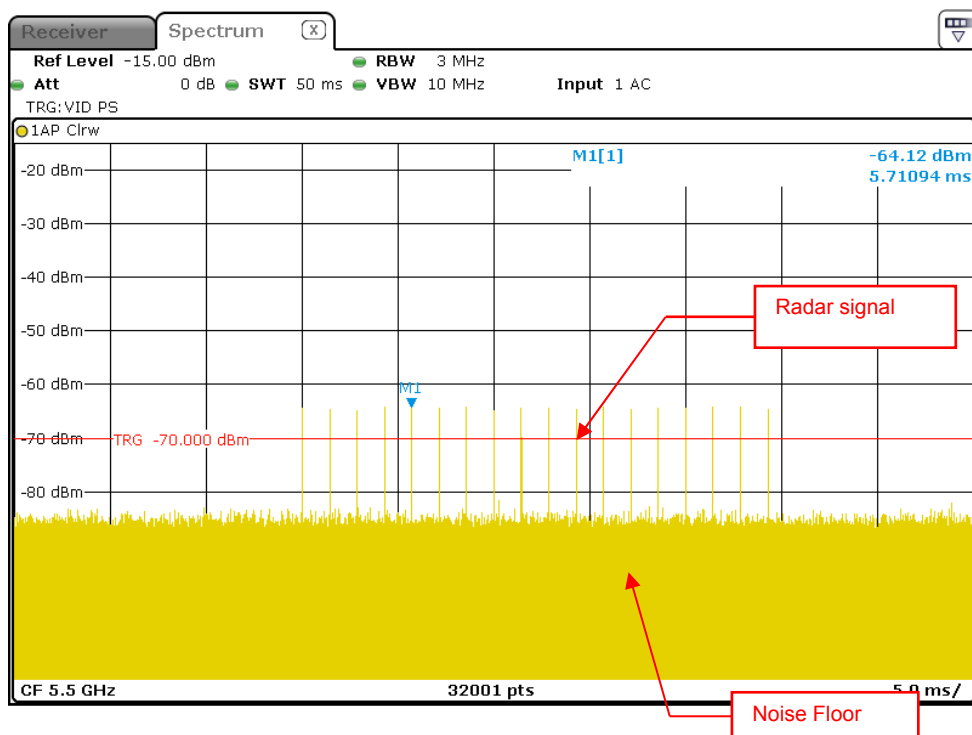
6.2 Test Results

6.2.1 Test Mode

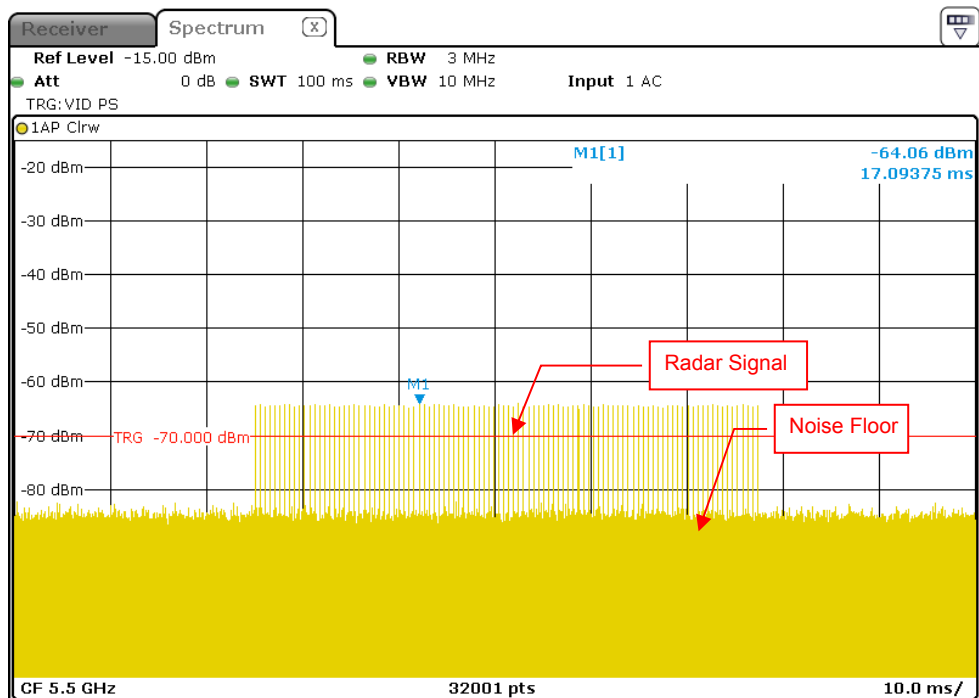
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.)

DFS Detection Threshold

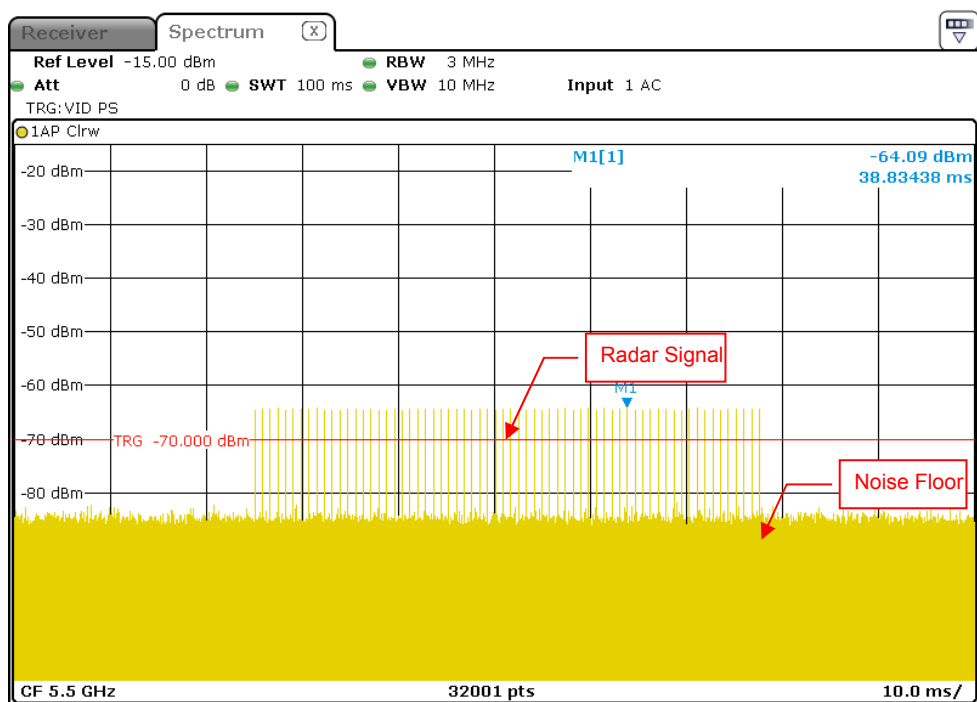
For detection threshold level of -64dBm, the required Radar Signal at antenna port was set to -64dBm. The tested level is lower than required level for 1dB, hence it provides margin to the limit.



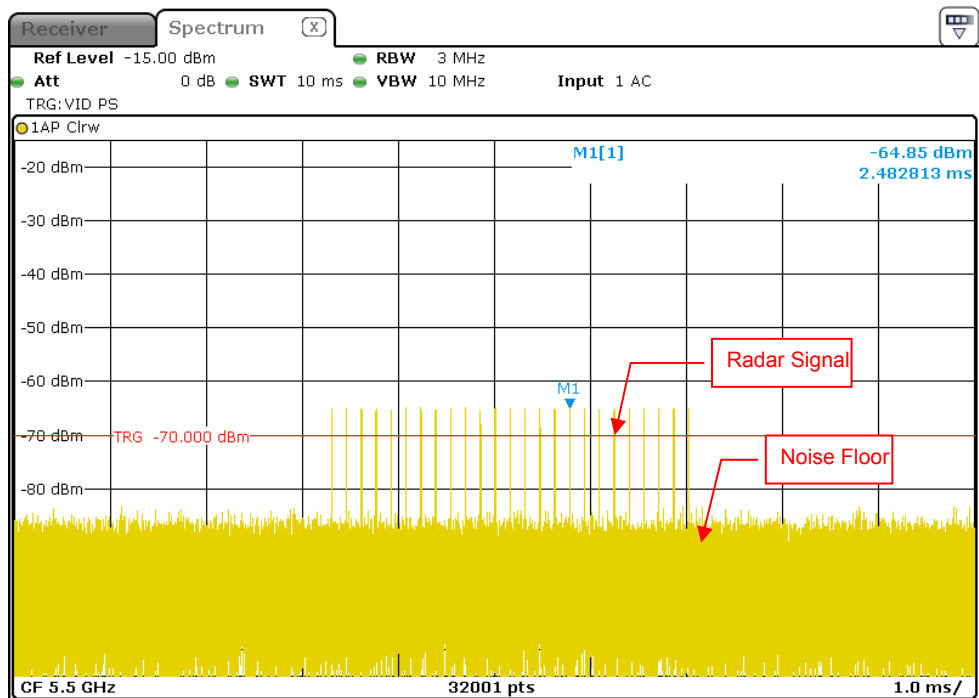
Radar Signal 0



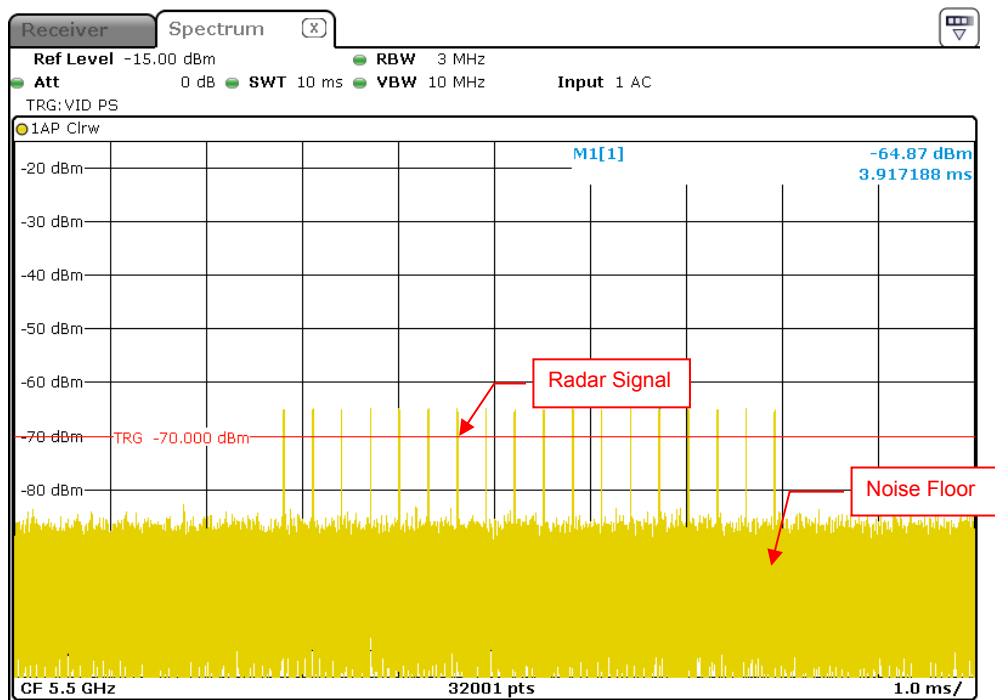
Radar Signal 1 (Test A)



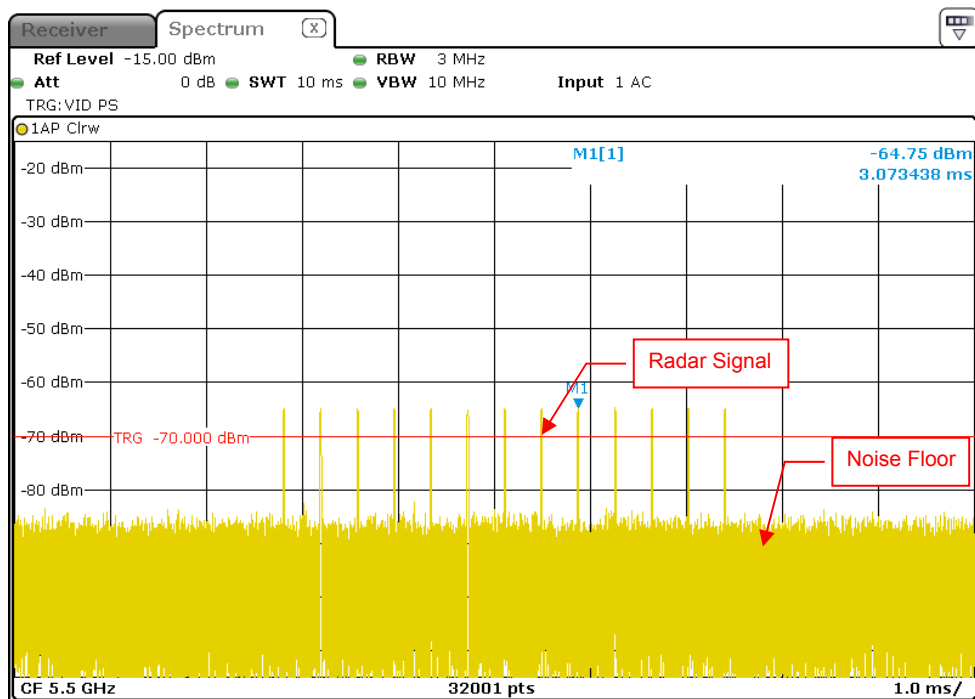
Radar Signal 1 (Test B)



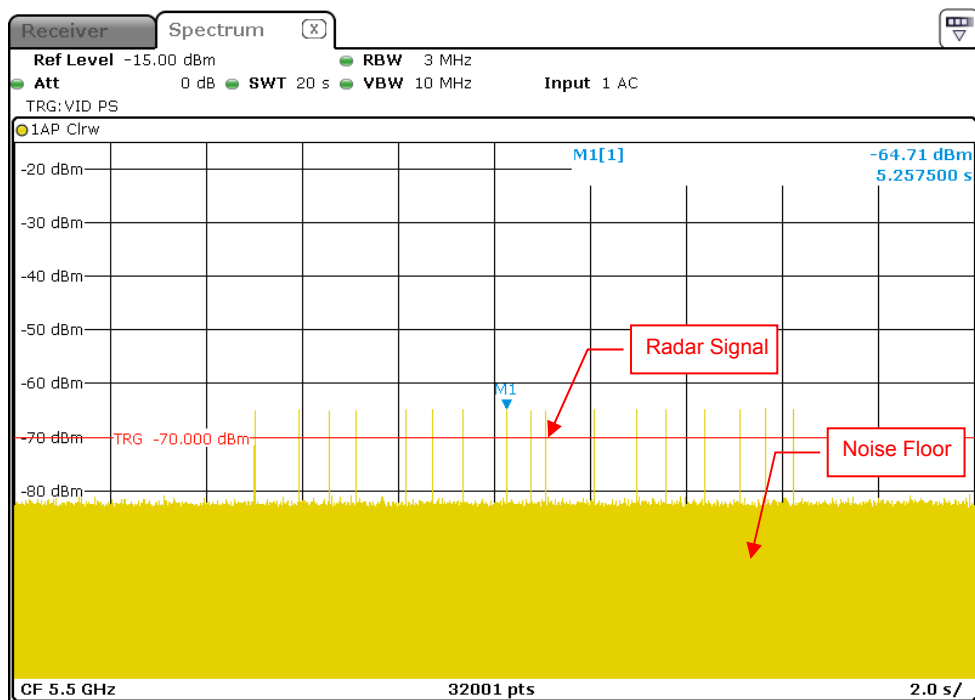
Radar Signal 2



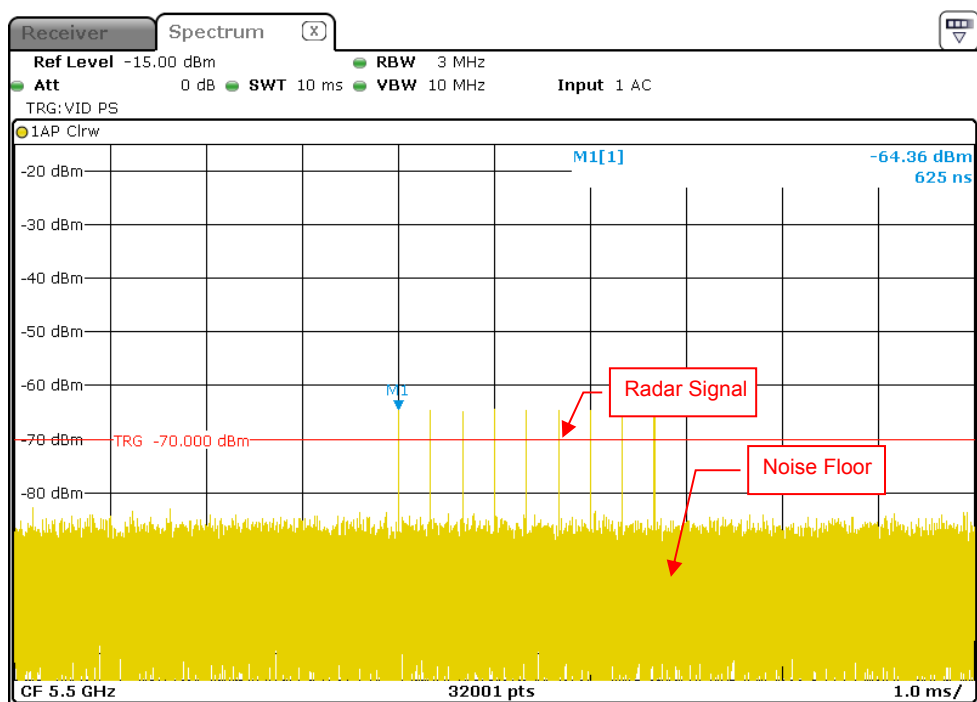
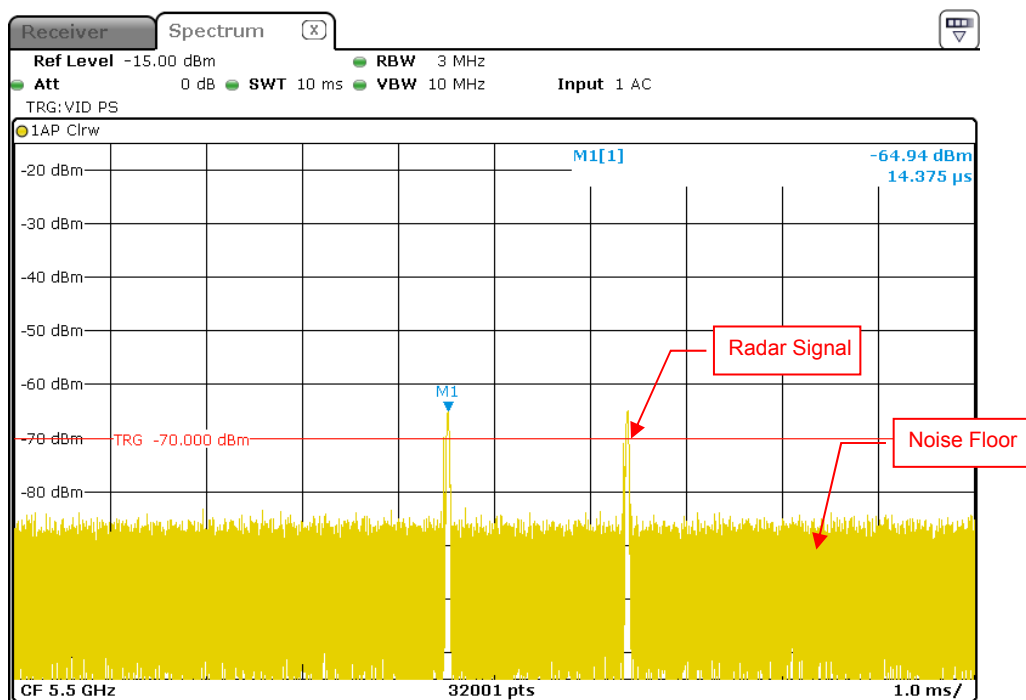
Radar Signal 3



Radar Signal 4

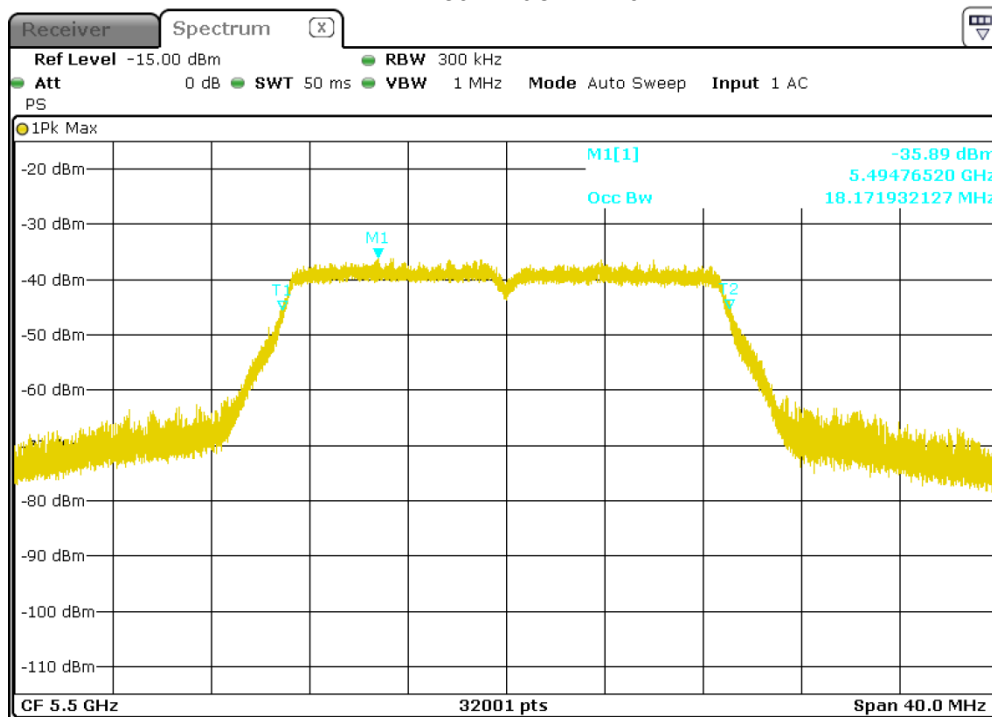


Radar Signal 5

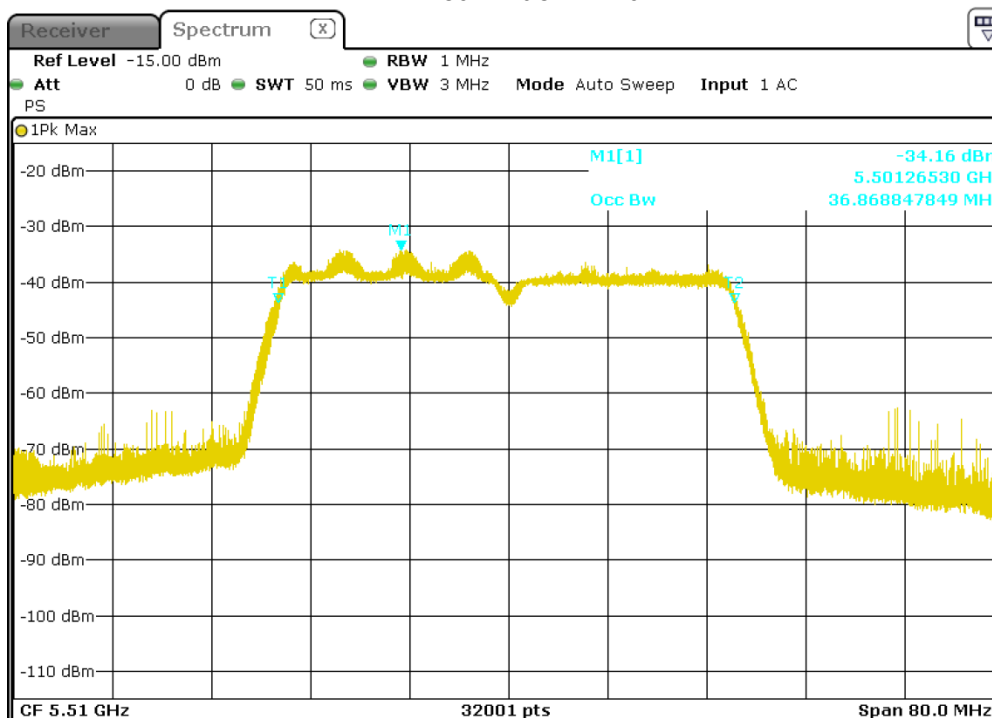


6.2.2 U-NII Detection Bandwidth

IEEE 802.11ac VHT20



IEEE 802.11ac VHT40



IEEE 802.11ac VHT80



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11ac VHT20

Radar Type 0

EUT Frequency: 5500MHz

EUT 99% Power bandwidth: 18.17MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 18.17MHz

Detection bandwidth (5510(FH) – 5489(FL)) : 20MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5488	N	N	N	N	N	N	N	N	N	N	0
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	90
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	N	Y	Y	Y	Y	Y	Y	Y	Y	90
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	N	Y	Y	Y	Y	Y	Y	Y	90
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
5512	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11ac VHT40

Radar Type 0

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 36.86MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 36.86MHz

Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz

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)	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	90
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 (FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5531	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11ac VHT80

Radar Type 0

EUT Frequency: 5530MHz

EUT 99% Power bandwidth: 75.91MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 75.91MHz

Detection bandwidth (5569(FH) – 5491(FL)) : 78MHz

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	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	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

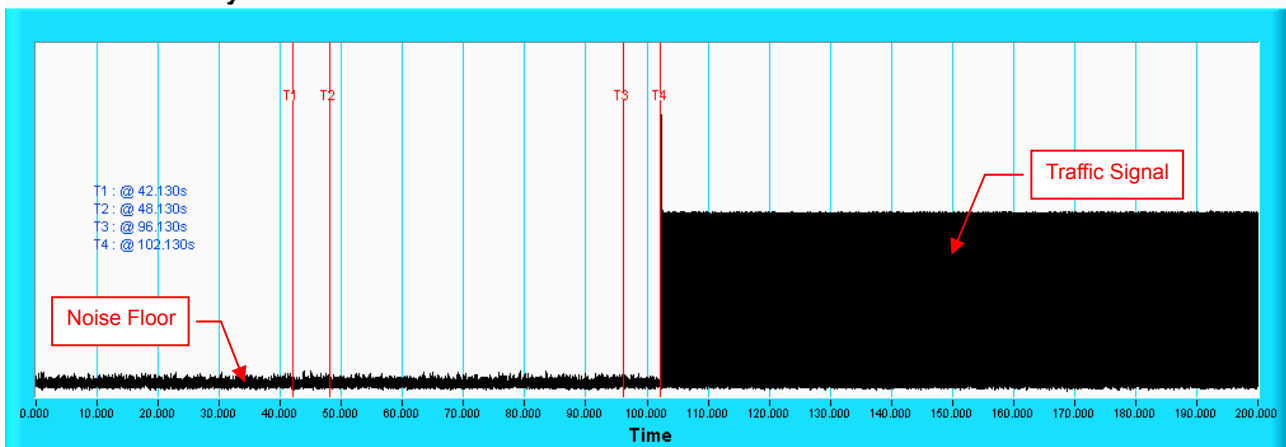
5534	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5535	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5536	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5537	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5538	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5539	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5540	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5541	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5542	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5543	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5544	Y	Y	Y	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(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5570	N	N	N	N	N	N	N	N	N	N	0
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

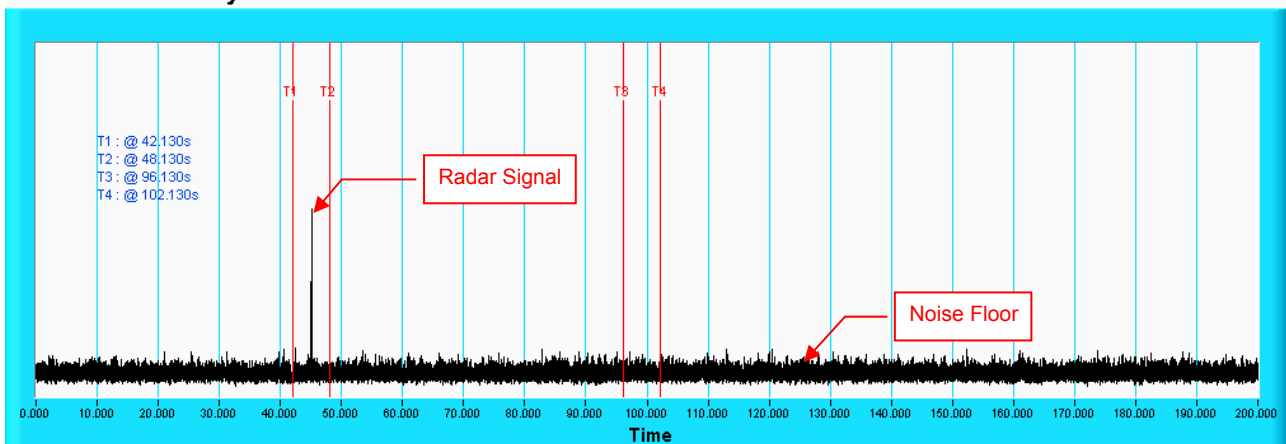
Initial Channel Availability Check Time Channel Availability Check



NOTE: T1 denotes the end of power-up time period is 42.13th second. T4 denotes the end of Channel Availability Check time is 102.13th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time

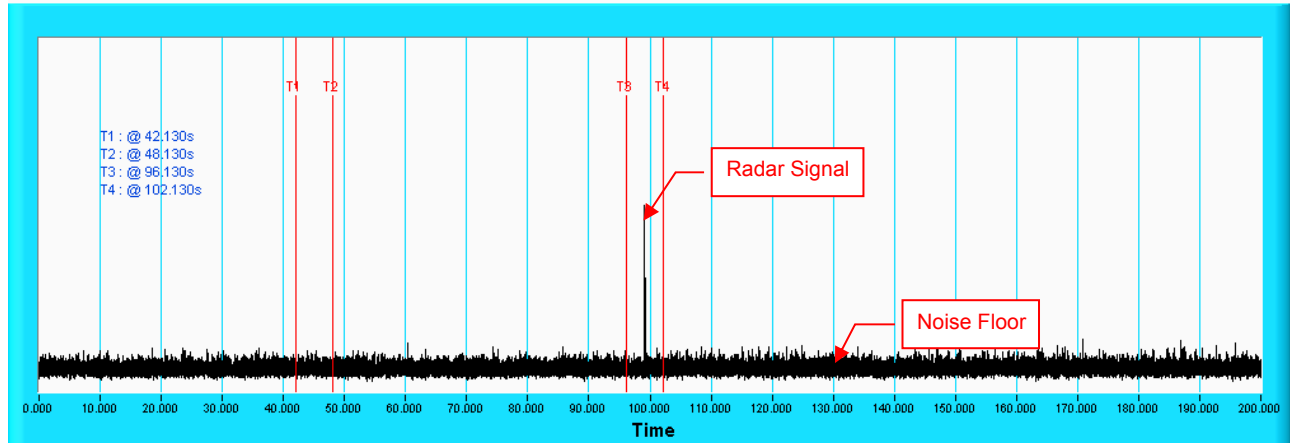
Channel Availability Check



NOTE: T1 denotes the end of power up time period is 42.13th second. T2 denotes 48.13th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 102.13th second.

Radar Burst at the End of the Channel Availability Check Time

Channel Availability Check



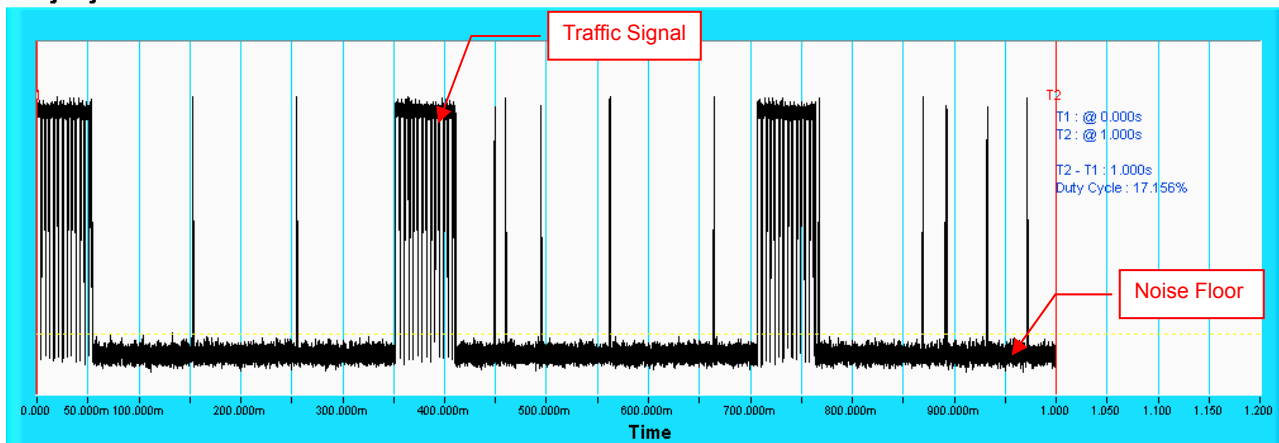
NOTE: T1 denotes the end of power up time period is 42.13th second. T3 denotes 96.13th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 102.13th second.

6.2.4 Channel Closing Transmission and Channel Move Time

Wireless Traffic Loading

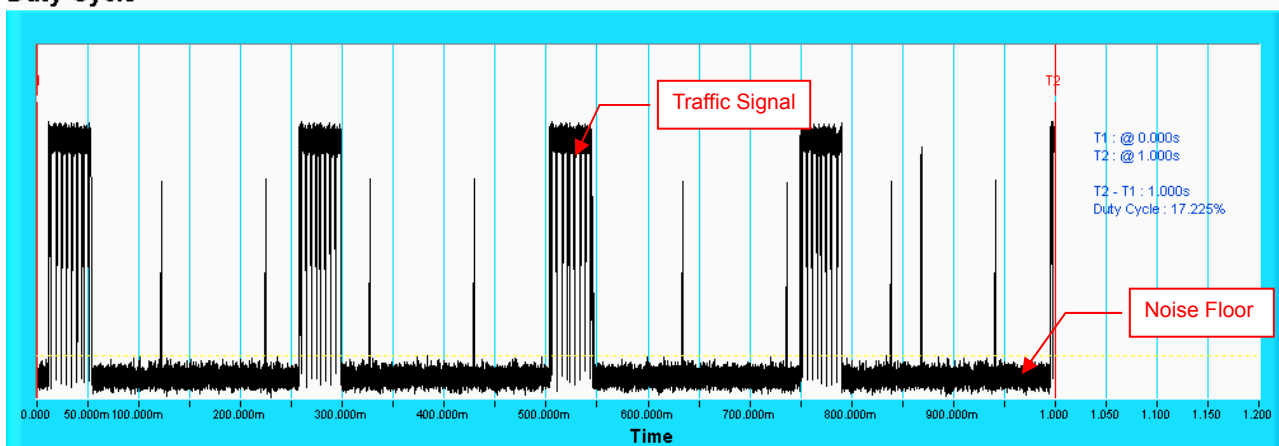
IEEE 802.11ac VHT20

Duty Cycle



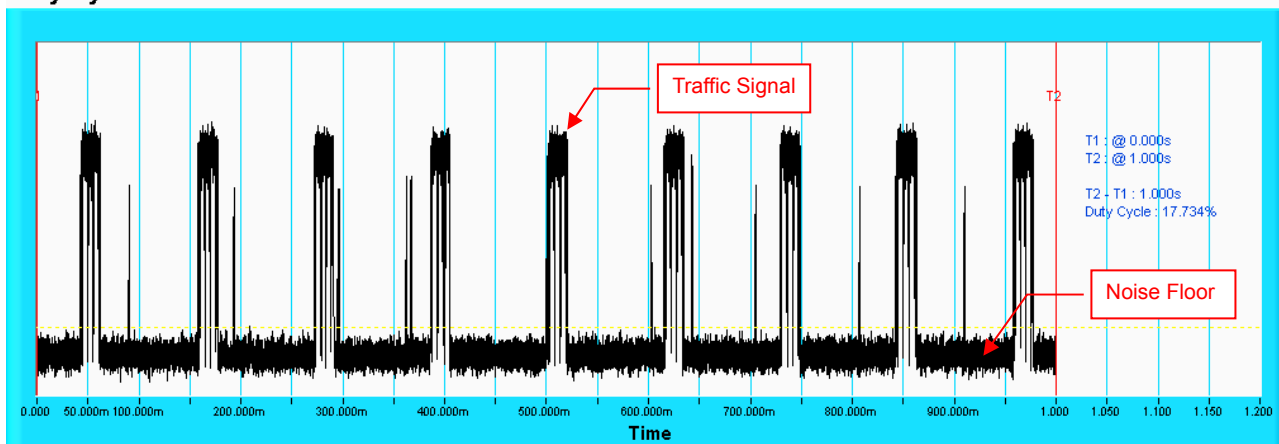
IEEE 802.11ac VHT40

Duty Cycle



IEEE 802.11ac VHT80

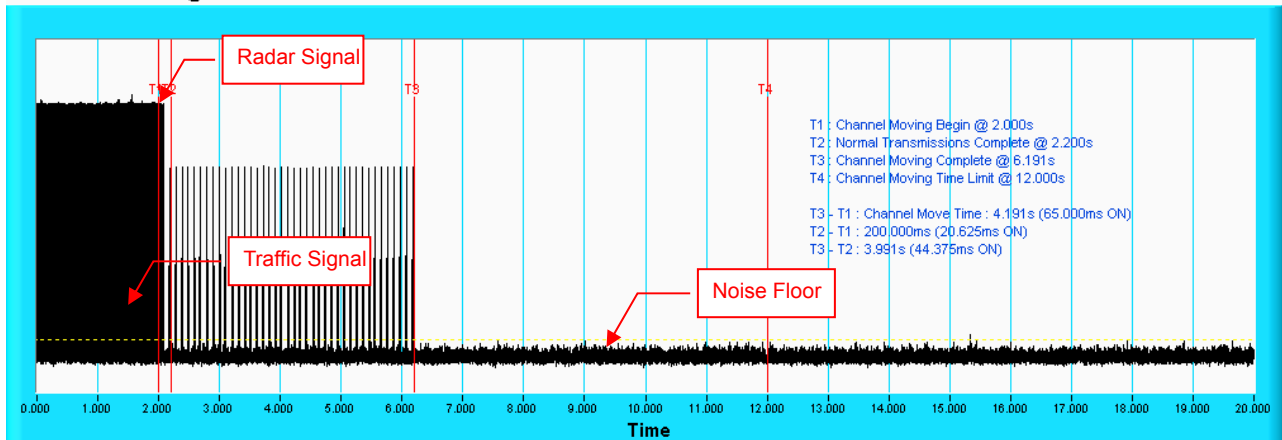
Duty Cycle



Radar signal 0

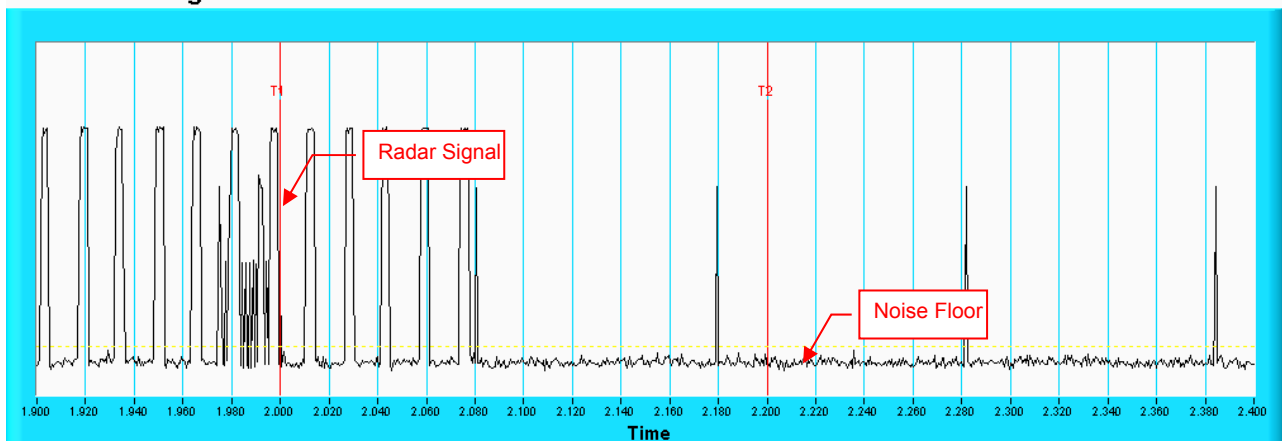
IEEE 802.11ac VHT80

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

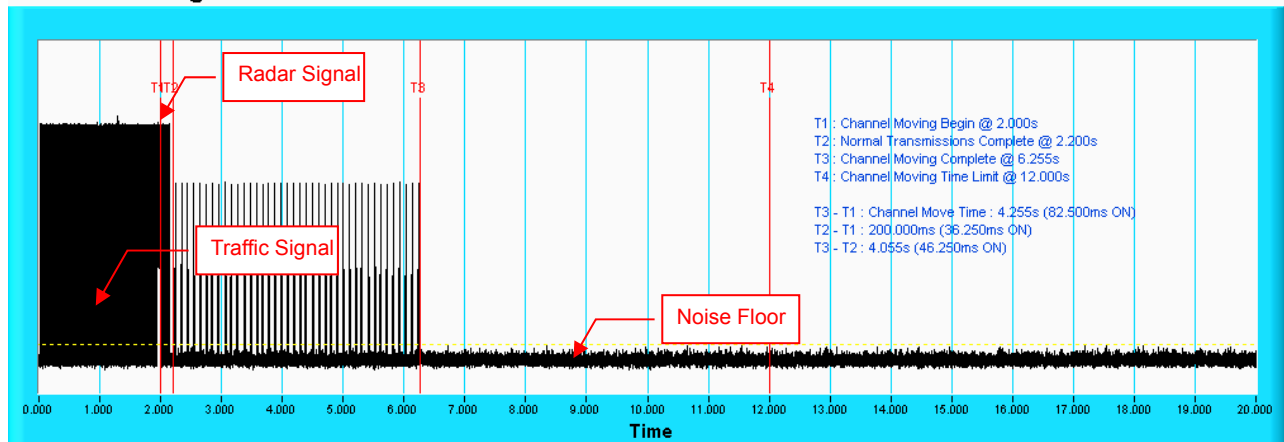


NOTE: Zoom-in of the first 500ms after radar signal applied.

Radar signal 1

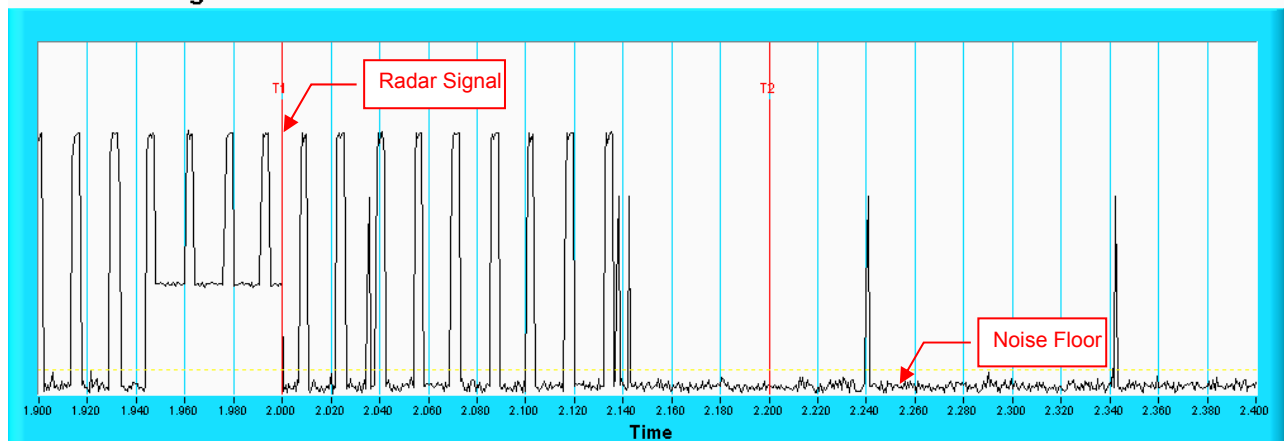
IEEE 802.11ac VHT80

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

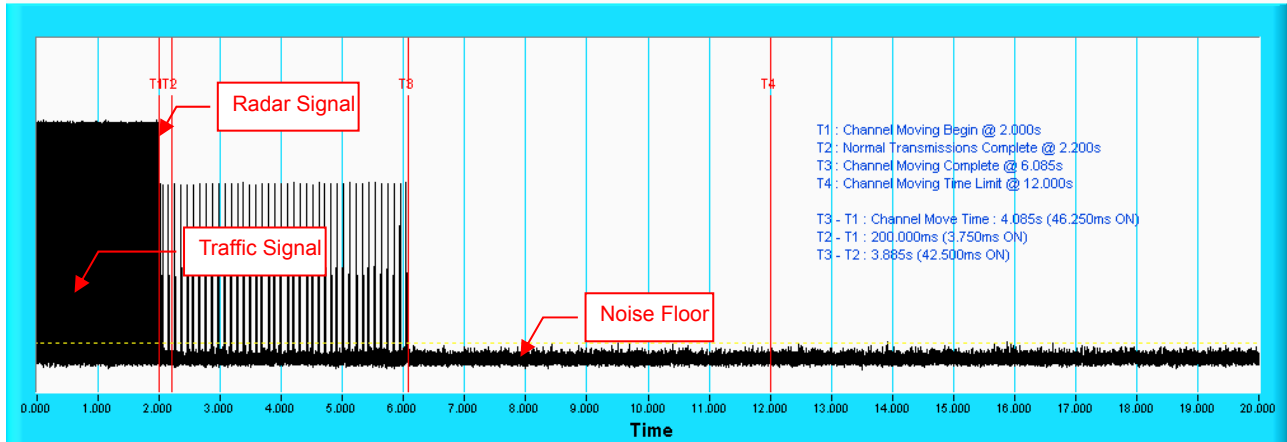


NOTE: Zoom-in of the first 500ms after radar signal applied.

Radar signal 2

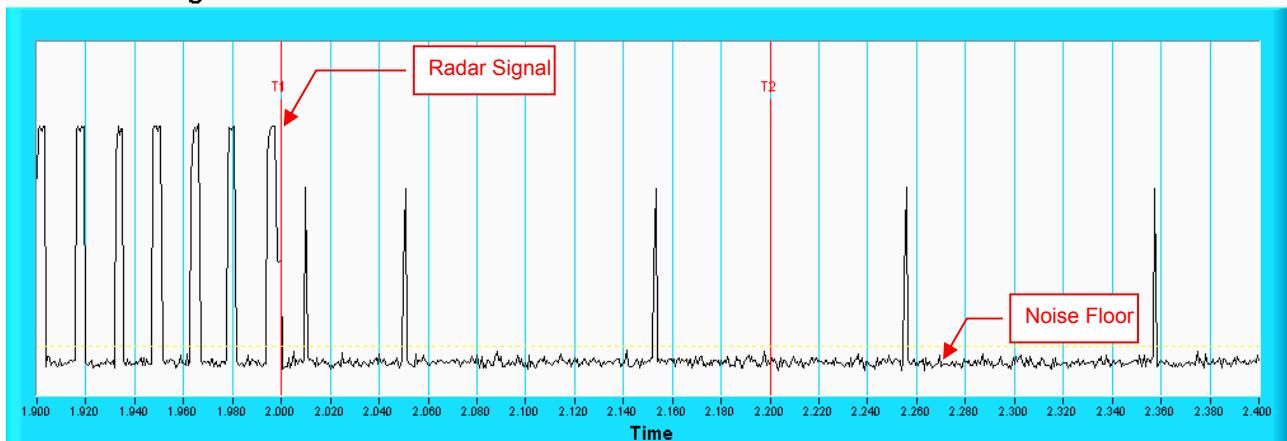
IEEE 802.11ac VHT80

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

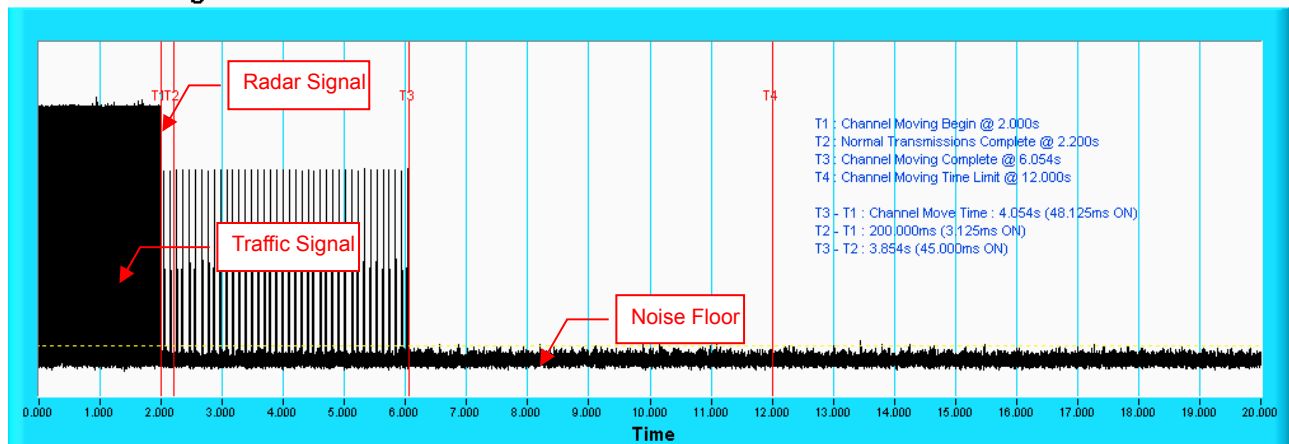


NOTE: Zoom-in of the first 500ms after radar signal applied.

Radar signal 3

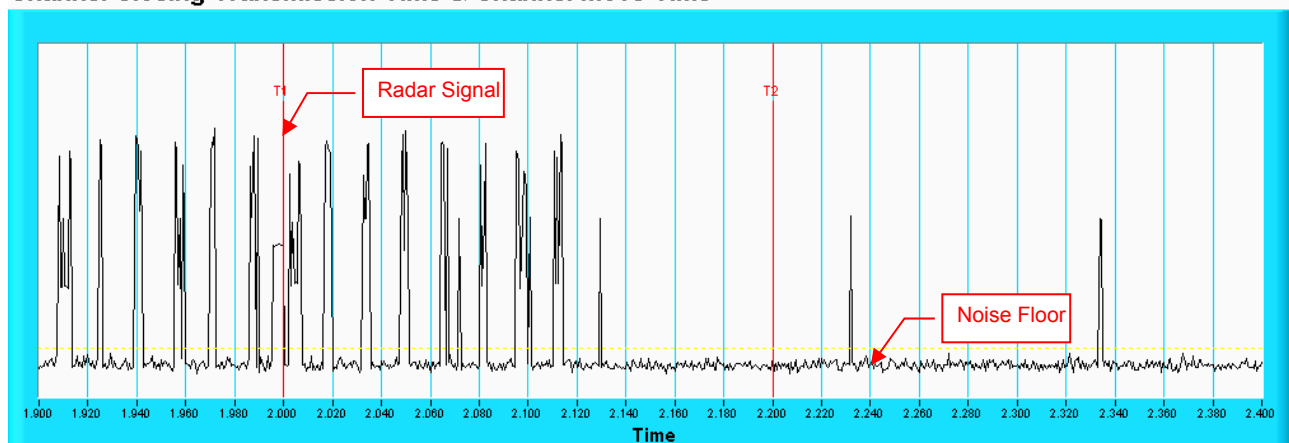
IEEE 802.11ac VHT80

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

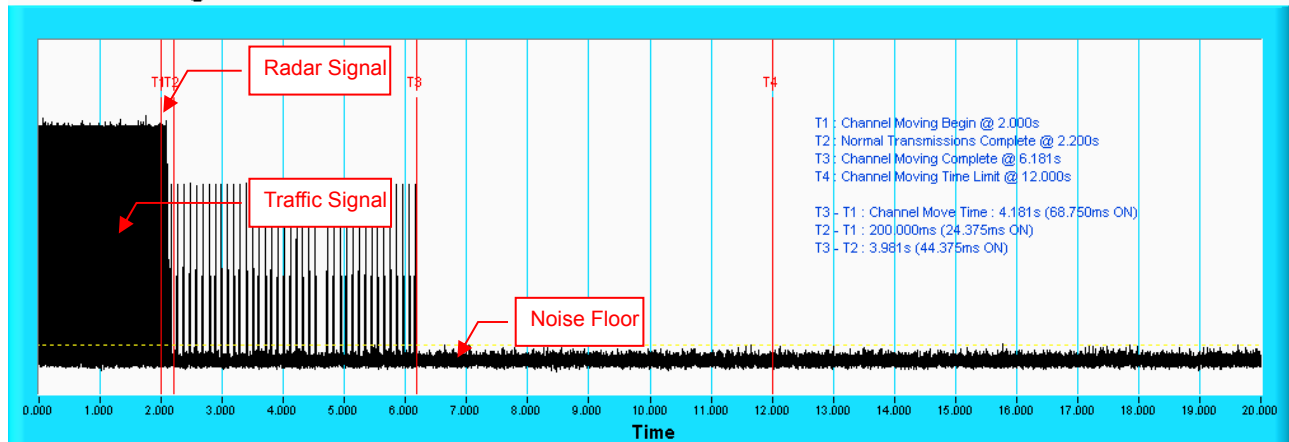


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

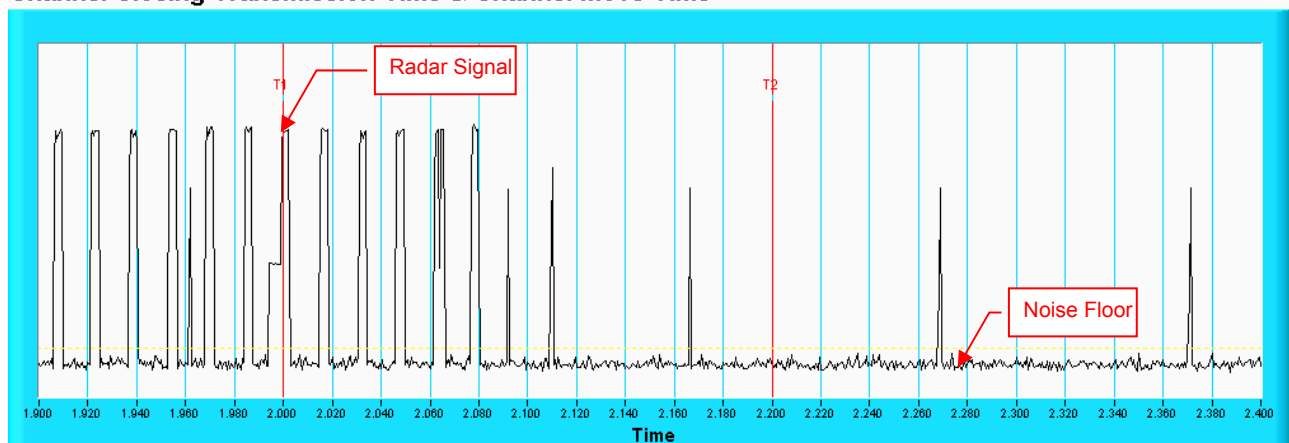
IEEE 802.11ac VHT80

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.

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	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	30	90
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	30	86.67
3	6-10	200-500	16-18	30	76.67
4	11-20	200-500	12-16	30	76.67
Aggregate (Radar Types 1-4)				120	82.5

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	86.67

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	93.33

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	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{PRI_{\mu sec}} \right) \right\}$	30	96.67
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	30	76.67
3	6-10	200-500	16-18	30	86.67
4	11-20	200-500	12-16	30	90
Aggregate (Radar Types 1-4)				120	87.5

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	96.67

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	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \frac{1}{360} \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	30	96.67
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	30	86.67
3	6-10	200-500	16-18	30	86.67
4	11-20	200-500	12-16	30	83.33
Aggregate (Radar Types 1-4)				120	88.34

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	90

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.

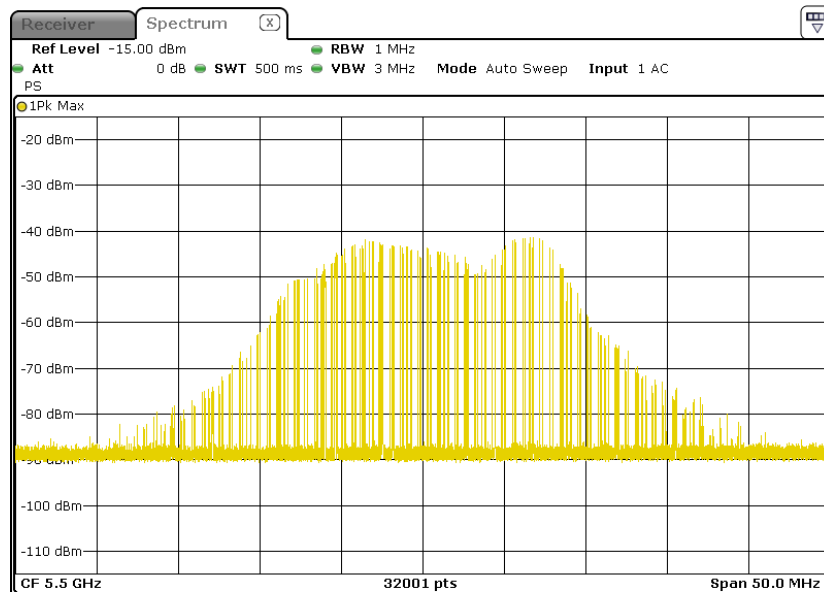
6.2.5 Non- Occupancy Period

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.

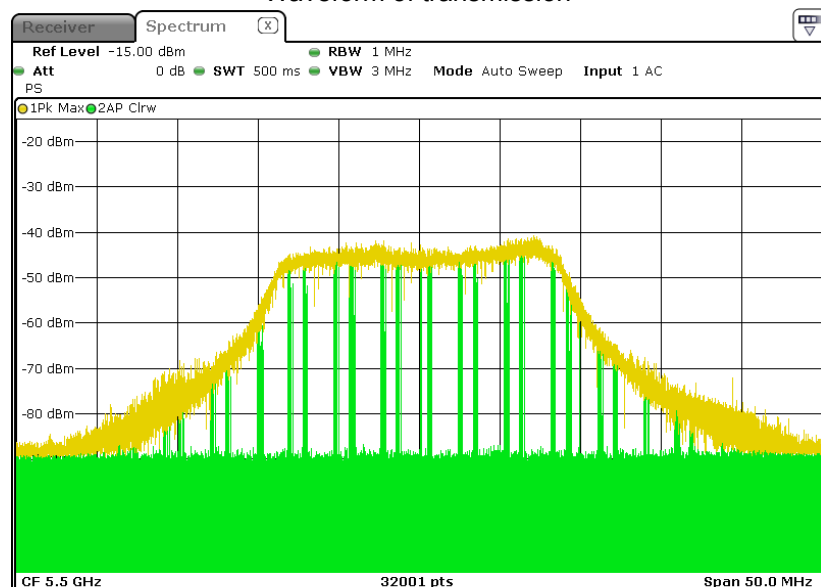
- 1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



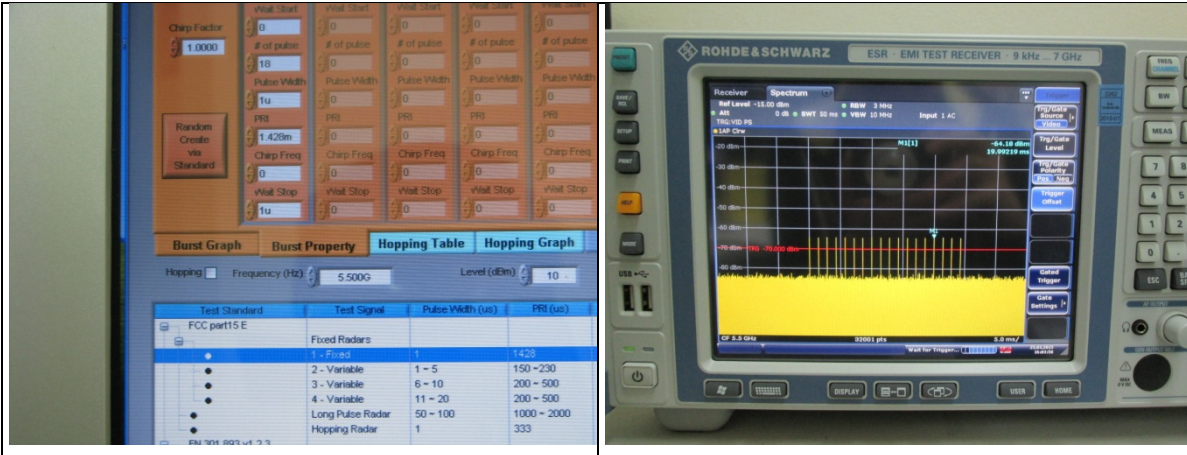
- 2) Client plays specified files via master.

Waveform of transmission

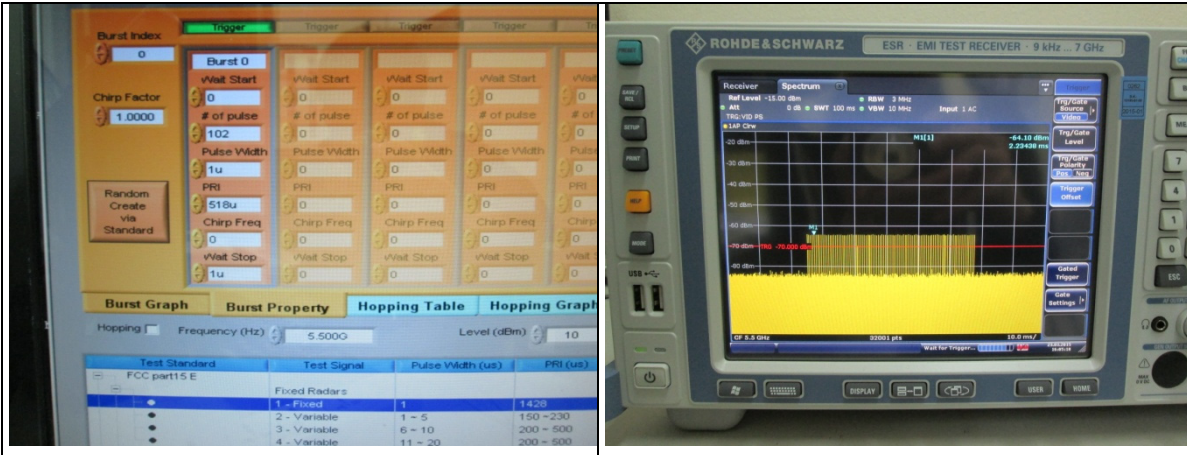


3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

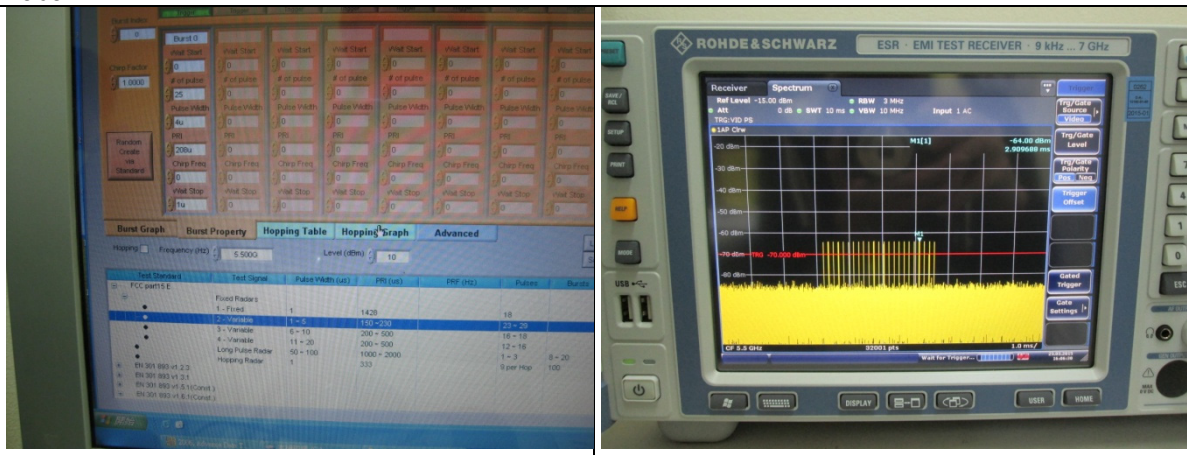
Radar 0



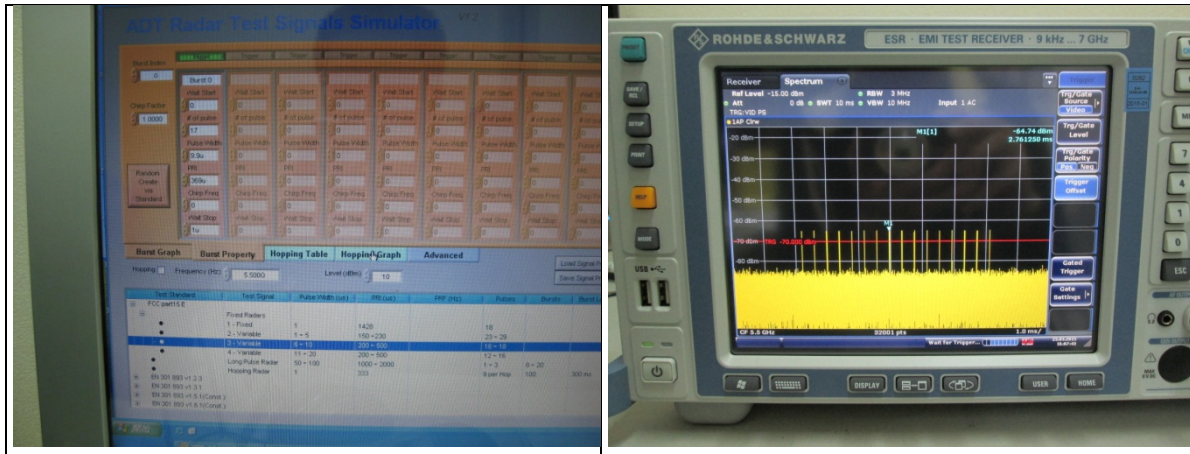
Radar 1



Radar 2



Radar 3



Radar 4



Radar 5



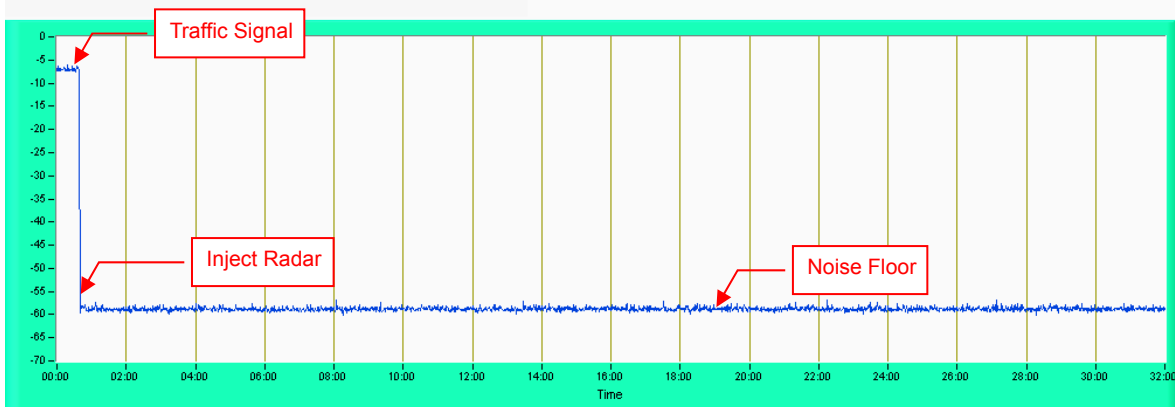
Radar 6



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

Plot of 30minutes period

802.11an HT20



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

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: 886-3-6668565

Fax: 886-3-6668323

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 VHT20

Type 1 Radar Statistical Performances						
Trial #	Pulse Repetition Frequency Number(1 to 23)	PRF(Pulse per seconds)	Pulses per Burst	PRI (μsec)	Radar Frequency (MHz)	Detection
1	1	1930.5	57	518	5492	No
2	2	1858.7	76	538	5506	Yes
3	3	1792.1	86	558	5497	Yes
4	4	1730.1	99	578	5495	Yes
5	5	1672.2	61	598	5505	Yes
6	6	1618.1	18	618	5507	Yes
7	7	1567.4	83	638	5503	Yes
8	8	1519.8	58	658	5495	Yes
9	9	1474.9	63	678	5504	Yes
10	10	1432.7	62	698	5495	Yes
11	11	1392.8	67	718	5497	No
12	12	1355	74	738	5496	Yes
13	13	1319.3	92	758	5496	Yes
14	14	1285.3	89	778	5509	Yes
15	15	1253.1	95	798	5494	Yes
16		1788.9	95	559	5496	Yes
17		1430.6	76	699	5505	Yes
18		1721.2	91	581	5499	Yes
19		1385	74	721	5507	Yes
20		1776.2	94	563	5504	Yes
21		1383.1	73	723	5506	Yes
22		1709.4	91	585	5505	Yes
23		1418.4	75	705	5502	Yes
24		1414.4	75	707	5495	Yes
25		1757.5	93	569	5496	No
26		1410.4	75	709	5503	Yes
27		1692.0	90	591	5495	Yes
28		1364.3	73	733	5506	Yes
29		1801.8	96	555	5500	Yes
30		1569.9	83	637	5496	Yes
Detection Rate: 90 %						

Type 2 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	29	4.8	194	5501	Yes
2	29	1.1	168	5492	Yes
3	25	2.1	162	5502	Yes
4	28	3.2	179	5496	Yes
5	28	1.1	152	5494	Yes
6	26	4	213	5500	Yes
7	23	1.6	230	5503	Yes
8	28	4	213	5503	Yes
9	27	1.5	184	5495	No
10	27	1.0	181	5496	Yes
11	29	1.7	196	5498	Yes
12	25	1.9	196	5504	Yes
13	27	4.4	223	5500	Yes
14	24	2.6	200	5494	No
15	28	2.6	175	5493	Yes
16	27	1.3	182	5507	Yes
17	27	1.6	154	5500	Yes
18	23	1.9	185	5498	Yes
19	28	2.4	207	5502	Yes
20	23	1	180	5502	No
21	24	1.2	201	5494	Yes
22	25	1.4	176	5502	Yes
23	27	3.5	209	5499	No
24	27	1.9	223	5505	Yes
25	26	2.5	188	5504	Yes
26	24	4.5	186	5504	Yes
27	25	2.7	226	5501	Yes
28	24	3.9	218	5503	Yes
29	23	3.7	199	5497	Yes
30	28	1.5	228	5509	Yes
Detection Rate: 86.67 %					

Type 3 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	16	10.0	402.0	5498	No
2	16	7.7	239.0	5497	Yes
3	17	6.2	255.0	5504	Yes
4	16	9.8	484.0	5493	Yes
5	16	9.6	225.0	5494	No
6	17	7.2	255.0	5498	Yes
7	16	6.7	419.0	5503	Yes
8	18	7.2	479.0	5498	Yes
9	18	9.3	289.0	5499	Yes
10	16	9.2	246.0	5505	No
11	16	6.7	338.0	5493	Yes
12	17	7.2	400.0	5500	Yes
13	17	7.3	496.0	5496	Yes
14	18	7.1	380.0	5493	No
15	17	9.8	201.0	5509	Yes
16	17	8.6	380.0	5497	Yes
17	17	8.7	467.0	5502	Yes
18	18	6.7	218.0	5505	No
19	17	7.9	414.0	5504	Yes
20	18	7.9	464.0	5494	Yes
21	16	7.1	490.0	5507	No
22	17	9.8	480.0	5505	No
23	16	7.1	236.0	5500	Yes
24	17	7.5	283.0	5497	Yes
25	16	8.5	482.0	5499	Yes
26	17	7.9	252.0	5495	Yes
27	16	8.7	205.0	5506	Yes
28	17	8.6	432.0	5498	Yes
29	17	9.7	225.0	5500	Yes
30	17	6.9	310.0	5499	Yes
Detection Rate: 76.67 %					

Type 4 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	13	14.8	419.0	5497	Yes
2	13	12.4	334.0	5502	Yes
3	13	12.7	226.0	5496	No
4	15	15.3	375.0	5499	Yes
5	14	19.6	245.0	5493	Yes
6	15	13.9	452.0	5492	No
7	15	17.2	358.0	5507	Yes
8	16	13.8	373.0	5506	Yes
9	13	18.3	365.0	5502	Yes
10	13	13.9	259.0	5508	Yes
11	13	16.4	275.0	5496	No
12	15	15.0	244.0	5499	Yes
13	15	12.3	339.0	5506	No
14	16	15.5	400.0	5504	Yes
15	14	12.6	369.0	5502	Yes
16	13	11.2	469.0	5504	Yes
17	12	11.1	448.0	5507	No
18	15	19.0	453.0	5495	Yes
19	16	14.3	357.0	5505	Yes
20	15	17.6	434.0	5507	Yes
21	16	17.0	463.0	5506	Yes
22	14	18.2	431.0	5494	Yes
23	13	12.6	232.0	5508	Yes
24	13	11.2	283.0	5494	Yes
25	12	14.0	272.0	5495	Yes
26	15	11.8	297.0	5497	No
27	13	18.0	232.0	5494	Yes
28	13	17.7	313.0	5494	Yes
29	13	16.7	282.0	5504	Yes
30	16	13.6	267.0	5508	No
Detection Rate: 76.67 %					

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	No
3	LP_Signal_03	Yes
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	No
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: 86.67 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 14						
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	20M	89.8u	958.2u	-	146.9m
2	3	20M	93.1u	1.680m	1.399m	602.2m
3	3	20M	99.9u	1.412m	1.104m	382.3m
4	3	20M	81.3u	1.361m	1.357m	826.3m
5	2	20M	58.9u	1.882m	-	678.3m
6	2	20M	62.6u	1.115m	-	41.22m
7	1	20M	59.4u	-	-	168.2m
8	2	20M	58.4u	1.786m	-	810.7m
9	3	20M	93.1u	1.298m	1.212m	651.9m
10	2	20M	50.6u	1.849m	-	168.0m
11	2	20M	82.1u	1.866m	-	296.7m
12	2	20M	89.9u	1.635m	-	266.2m
13	1	20M	92.5u	-	-	540.8m
14	3	20M	92.9u	1.003m	1.034m	233.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
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	20M	78.6u	1.551m	-	833.2m
2	2	20M	51.6u	990.4u	-	825.2m
3	2	20M	86.8u	1.097m	-	809.6m
4	1	20M	60.5u	-	-	792.9m
5	2	20M	54.9u	1.783m	-	491.4m
6	2	20M	75.7u	1.245m	-	717.7m
7	2	20M	55.0u	1.513m	-	1.155
8	2	20M	79.2u	955.8u	-	118.6m
9	1	20M	56.4u	-	-	881.1m
10	1	20M	97.7u	-	-	978.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	2	20M	98.1u	1.220m	-	507.2m
2	2	20M	73.5u	1.910m	-	227.2m
3	2	20M	98.2u	1.506m	-	631.2m
4	3	20M	97.9u	1.595m	1.851m	164.0m
5	1	20M	92.9u	-	-	45.06m
6	2	20M	76.6u	1.260m	-	601.8m
7	2	20M	68.1u	1.217m	-	342.9m
8	1	20M	53.3u	-	-	86.38m
9	2	20M	58.0u	978.0u	-	75.50m
10	1	20M	66.6u	-	-	328.5m
11	3	20M	69.0u	1.388m	1.330m	707.6m
12	2	20M	68.3u	1.450m	-	328.0m
13	3	20M	99.1u	1.752m	1.303m	426.0m
14	1	20M	94.8u	-	-	632.9m
15	1	20M	99.7u	-	-	169.8m
16	1	20M	51.5u	-	-	455.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 10						
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	19M	91.4u	-	-	1.193
2	2	19M	59.0u	1.416m	-	691.9m
3	3	19M	75.5u	1.576m	1.710m	949.0m
4	3	19M	57.2u	1.495m	1.274m	98.67m
5	2	19M	86.9u	1.499m	-	1.077
6	3	19M	59.2u	1.913m	1.856m	327.0m
7	1	19M	79.4u	-	-	681.2m
8	3	19M	98.1u	1.764m	1.499m	780.6m
9	2	19M	79.1u	1.785m	-	22.12m
10	3	19M	75.5u	1.187m	1.373m	229.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 11						
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	19M	54.4u	-	-	361.9m
2	2	19M	92.4u	1.833m	-	364.7m
3	1	19M	95.4u	-	-	242.5m
4	3	19M	98.0u	1.016m	1.525m	376.5m
5	2	19M	56.8u	1.134m	-	184.1m
6	1	19M	51.1u	-	-	797.9m
7	1	19M	67.7u	-	-	856.6m
8	3	19M	67.9u	1.469m	1.742m	1.008
9	2	19M	63.3u	1.329m	-	559.7m
10	2	19M	62.2u	1.285m	-	216.2m
11	2	19M	98.9u	1.868m	-	602.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 14						
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	19M	67.6u	-	-	427.1m
2	3	19M	50.6u	1.837m	1.055m	555.1m
3	3	19M	85.6u	1.235m	1.528m	634.4m
4	2	19M	86.1u	1.840m	-	450.0m
5	3	19M	86.2u	1.479m	1.558m	822.9m
6	2	19M	78.9u	1.527m	-	377.6m
7	3	19M	74.4u	1.434m	1.228m	598.2m
8	2	19M	96.0u	926.0u	-	716.7m
9	1	19M	97.3u	-	-	830.9m
10	2	19M	81.9u	964.1u	-	385.6m
11	2	19M	83.5u	1.210m	-	149.9m
12	1	19M	83.2u	-	-	346.0m
13	3	19M	68.3u	1.558m	1.483m	131.2m
14	3	19M	83.6u	1.828m	1.506m	575.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 12						
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	17M	93.4u	1.791m	-	467.1m
2	2	17M	53.0u	1.331m	-	100.2m
3	2	17M	63.1u	1.017m	-	444.6m
4	2	17M	66.4u	1.835m	-	765.4m
5	2	17M	54.8u	1.828m	-	810.6m
6	3	17M	99.5u	974.5u	1.850m	833.5m
7	1	17M	94.7u	-	-	898.3m
8	3	17M	51.2u	1.184m	1.832m	783.4m
9	3	17M	87.4u	1.279m	1.661m	145.4m
10	3	17M	60.8u	1.353m	1.908m	109.4m
11	2	17M	81.3u	1.689m	-	467.0m
12	2	17M	65.6u	957.4u	-	612.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 11						
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	17M	93.2u	1.823m	-	278.1m
2	3	17M	96.9u	1.005m	1.409m	588.9m
3	2	17M	66.9u	1.184m	-	447.4m
4	2	17M	56.3u	1.242m	-	234.3m
5	2	17M	55.9u	1.736m	-	1.059
6	3	17M	82.1u	1.679m	1.064m	608.4m
7	2	17M	82.4u	1.814m	-	24.27m
8	2	17M	50.5u	1.216m	-	789.1m
9	1	17M	95.4u	-	-	772.6m
10	2	17M	84.8u	1.071m	-	511.0m
11	2	17M	51.2u	1.552m	-	1.030

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	2	17M	51.9u	1.372m	-	624.2m
2	2	17M	85.5u	1.505m	-	486.0m
3	3	17M	59.1u	1.645m	961.9u	584.9m
4	3	17M	70.0u	1.067m	1.306m	415.9m
5	2	17M	66.6u	1.812m	-	77.54m
6	1	17M	96.3u	-	-	618.1m
7	3	17M	59.2u	1.883m	1.652m	10.02m
8	3	17M	77.4u	1.753m	1.912m	537.8m
9	2	17M	93.9u	1.456m	-	208.4m
10	2	17M	70.6u	1.624m	-	645.8m
11	2	17M	55.7u	1.287m	-	501.8m
12	3	17M	76.3u	1.056m	1.213m	80.07m
13	2	17M	75.8u	1.753m	-	393.6m
14	2	17M	85.8u	1.114m	-	558.3m
15	2	17M	95.3u	1.435m	-	332.4m
16	2	17M	59.9u	1.475m	-	250.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 14						
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	3	16M	69.8u	1.702m	1.444m	776.7m
2	2	16M	53.6u	1.727m	-	498.2m
3	2	16M	72.0u	1.025m	-	678.6m
4	1	16M	50.6u	-	-	800.9m
5	3	16M	79.7u	1.131m	1.095m	388.8m
6	2	16M	84.9u	1.822m	-	826.7m
7	1	16M	93.4u	-	-	488.9m
8	1	16M	78.3u	-	-	35.96m
9	2	16M	74.9u	972.1u	-	670.6m
10	1	16M	75.0u	-	-	533.6m

11	1	16M	82.9u	-	-	641.5m
12	2	16M	70.5u	1.244m	-	781.7m
13	1	16M	65.0u	-	-	661.2m
14	1	16M	97.7u	-	-	583.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 20

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	16M	98.2u	1.077m	1.585m	592.3m
2	1	16M	79.3u	-	-	162.3m
3	2	16M	77.2u	1.088m	-	375.3m
4	2	16M	81.1u	1.530m	-	302.2m
5	3	16M	74.2u	1.573m	1.596m	49.31m
6	3	16M	97.4u	1.523m	1.198m	319.5m
7	2	16M	51.2u	1.709m	-	416.9m
8	2	16M	66.0u	1.111m	-	371.6m
9	3	16M	62.6u	1.384m	943.4u	70.93m
10	2	16M	56.2u	1.075m	-	33.71m
11	3	16M	59.4u	1.155m	1.871m	552.0m
12	2	16M	65.3u	1.262m	-	556.8m
13	2	16M	80.9u	1.317m	-	441.0m
14	3	16M	69.9u	1.450m	1.540m	346.3m
15	1	16M	62.1u	-	-	104.6m
16	3	16M	95.2u	1.573m	1.376m	413.7m
17	2	16M	63.6u	1.451m	-	489.3m
18	2	16M	77.5u	1.642m	-	286.8m
19	1	16M	69.7u	-	-	370.6m
20	2	16M	59.4u	1.193m	-	372.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 8						
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	16M	60.1u	-	-	1.305
2	2	16M	50.8u	1.841m	-	850.3m
3	2	16M	92.3u	1.903m	-	398.7m
4	3	16M	90.8u	1.401m	1.615m	1.182
5	2	16M	67.1u	1.706m	-	141.8m
6	1	16M	66.1u	-	-	810.1m
7	1	16M	77.5u	-	-	1.030
8	2	16M	97.7u	1.543m	-	749.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 20						
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	15M	70.2u	1.831m	1.543m	462.6m
2	3	15M	70.5u	1.852m	1.224m	185.3m
3	3	15M	65.2u	1.920m	1.102m	157.5m
4	1	15M	100.0u	-	-	395.9m
5	2	15M	96.0u	1.184m	-	527.6m
6	1	15M	56.2u	-	-	575.6m
7	2	15M	63.7u	1.781m	-	34.74m
8	3	15M	95.3u	1.453m	1.689m	168.8m
9	2	15M	89.9u	1.266m	-	173.5m
10	2	15M	54.0u	1.751m	-	22.37m
11	2	15M	98.2u	955.8u	-	186.1m
12	1	15M	91.8u	-	-	196.6m
13	3	15M	63.0u	1.267m	1.762m	362.5m
14	2	15M	66.5u	1.631m	-	85.68m
15	1	15M	91.1u	-	-	349.9m
16	3	15M	94.2u	1.695m	1.010m	532.7m
17	2	15M	70.9u	1.153m	-	8.416m
18	1	15M	53.9u	-	-	123.6m

19	2	15M	51.0u	1.560m	-	348.4m
20	2	15M	91.6u	1.333m	-	525.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 20						
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	15M	70.8u	1.746m	-	81.59m
2	3	15M	65.8u	1.243m	1.450m	557.5m
3	1	15M	52.5u	-	-	505.5m
4	1	15M	51.0u	-	-	519.6m
5	2	15M	75.9u	1.810m	-	574.1m
6	2	15M	91.9u	1.784m	-	380.9m
7	2	15M	88.6u	1.640m	-	477.1m
8	1	15M	96.4u	-	-	444.6m
9	1	15M	87.0u	-	-	71.47m
10	2	15M	93.7u	973.3u	-	7.251m
11	2	15M	77.0u	1.086m	-	128.5m
12	2	15M	62.7u	1.060m	-	474.2m
13	2	15M	84.8u	1.821m	-	530.5m
14	2	15M	58.5u	1.499m	-	347.4m
15	2	15M	75.7u	1.265m	-	246.7m
16	2	15M	69.1u	1.272m	-	454.0m
17	2	15M	86.6u	1.405m	-	428.9m
18	3	15M	89.2u	1.546m	1.530m	320.4m
19	2	15M	58.5u	1.329m	-	377.1m
20	2	15M	91.8u	1.514m	-	249.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 11						
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	15M	84.4u	-	-	558.9m
2	2	15M	74.4u	1.227m	-	40.96m
3	3	15M	59.9u	1.513m	1.461m	466.4m
4	1	15M	54.6u	-	-	934.1m

5	2	15M	56.2u	1.306m	-	791.5m
6	2	15M	80.1u	1.693m	-	378.4m
7	2	15M	50.2u	1.675m	-	844.0m
8	2	15M	89.6u	1.641m	-	762.8m
9	1	15M	81.8u	-	-	133.1m
10	1	15M	89.0u	-	-	56.12m
11	1	15M	62.1u	-	-	784.8m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

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	13M	72.1u	1.176m	1.245m	711.3m
2	3	13M	66.5u	1.451m	952.5u	689.2m
3	2	13M	97.3u	1.333m	-	62.65m
4	2	13M	67.6u	1.035m	-	387.6m
5	1	13M	51.6u	-	-	26.37m
6	2	13M	87.9u	1.499m	-	438.2m
7	2	13M	88.9u	1.856m	-	606.1m
8	3	13M	76.6u	1.341m	1.440m	646.0m
9	2	13M	65.9u	1.898m	-	262.9m
10	2	13M	65.9u	1.233m	-	530.7m
11	1	13M	56.8u	-	-	94.44m
12	3	13M	95.3u	1.778m	1.437m	485.4m
13	1	13M	89.3u	-	-	384.7m
14	2	13M	77.2u	1.862m	-	516.6m
15	2	13M	67.4u	1.159m	-	275.1m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 12

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	13M	53.7u	1.723m	-	960.3m
2	1	13M	62.9u	-	-	407.9m
3	2	13M	96.2u	1.404m	-	686.3m
4	1	13M	85.8u	-	-	924.7m

5	3	13M	62.8u	1.023m	1.462m	609.4m
6	1	13M	56.3u	-	-	569.8m
7	3	13M	65.9u	1.348m	1.373m	90.93m
8	2	13M	74.4u	962.6u	-	131.7m
9	1	13M	71.5u	-	-	336.0m
10	3	13M	53.7u	1.897m	1.247m	38.16m
11	2	13M	60.4u	1.372m	-	18.91m
12	1	13M	69.1u	-	-	576.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 14						
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	13M	89.3u	1.226m	-	698.6m
2	2	13M	62.6u	1.024m	-	618.9m
3	2	13M	92.3u	1.201m	-	707.5m
4	1	13M	59.6u	-	-	50.00m
5	1	13M	96.4u	-	-	8.448m
6	3	13M	69.5u	1.319m	1.753m	62.15m
7	2	13M	89.0u	1.502m	-	190.0m
8	1	13M	70.1u	-	-	855.4m
9	2	13M	82.7u	1.528m	-	481.2m
10	1	13M	84.3u	-	-	770.9m
11	3	13M	60.4u	1.218m	1.468m	138.4m
12	3	13M	53.3u	1.553m	1.265m	163.6m
13	2	13M	56.1u	1.623m	-	373.4m
14	3	13M	58.9u	1.330m	1.283m	306.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	2	11M	80.5u	1.232m	-	80.10m
2	3	11M	56.7u	1.751m	1.546m	522.8m
3	2	11M	91.9u	1.088m	-	90.81m
4	1	11M	96.0u	-	-	616.9m

5	3	11M	96.7u	1.860m	1.465m	333.2m
6	1	11M	81.1u	-	-	272.7m
7	2	11M	56.3u	1.563m	-	399.8m
8	1	11M	82.2u	-	-	311.4m
9	3	11M	66.5u	1.751m	1.086m	413.8m
10	1	11M	93.7u	-	-	87.24m
11	3	11M	80.2u	993.8u	1.009m	213.3m
12	1	11M	62.0u	-	-	216.1m
13	2	11M	89.6u	969.4u	-	624.3m
14	2	11M	55.3u	1.157m	-	75.19m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	1	11M	71.4u	-	-	617.2m
2	1	11M	61.3u	-	-	743.0m
3	2	11M	50.5u	1.638m	-	406.0m
4	2	11M	98.5u	1.317m	-	487.7m
5	3	11M	55.6u	1.159m	1.086m	759.9m
6	2	11M	84.8u	933.2u	-	641.4m
7	2	11M	66.1u	1.885m	-	68.60m
8	2	11M	54.4u	1.740m	-	286.3m
9	2	11M	82.6u	1.772m	-	664.4m
10	1	11M	93.1u	-	-	801.1m
11	1	11M	56.8u	-	-	546.2m
12	2	11M	95.6u	1.737m	-	93.59m
13	1	11M	59.9u	-	-	705.3m
14	1	11M	56.5u	-	-	714.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 19						
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	3	11M	96.5u	1.829m	1.187m	257.3m
2	2	11M	99.8u	1.404m	-	484.9m

3	1	11M	84.9u	-	-	565.7m
4	1	11M	95.1u	-	-	204.2m
5	1	11M	81.9u	-	-	476.5m
6	2	11M	50.6u	1.513m	-	616.8m
7	3	11M	63.5u	1.643m	1.618m	483.6m
8	2	11M	72.0u	1.002m	-	339.2m
9	2	11M	60.6u	1.103m	-	26.51m
10	1	11M	82.4u	-	-	82.69m
11	2	11M	95.3u	1.615m	-	38.81m
12	2	11M	68.5u	1.465m	-	300.5m
13	2	11M	92.6u	1.379m	-	138.3m
14	1	11M	93.4u	-	-	357.2m
15	2	11M	61.8u	1.082m	-	257.1m
16	2	11M	96.0u	1.679m	-	471.1m
17	1	11M	66.4u	-	-	566.1m
18	2	11M	77.8u	1.409m	-	107.1m
19	1	11M	79.0u	-	-	395.6m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 9

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	2	8M	58.9u	1.002m	-	989.2m
2	3	8M	79.9u	1.077m	1.801m	660.2m
3	1	8M	66.4u	-	-	769.1m
4	3	8M	62.0u	1.858m	1.539m	163.1m
5	2	8M	60.5u	1.679m	-	587.7m
6	2	8M	73.6u	1.760m	-	712.2m
7	1	8M	98.5u	-	-	501.0m
8	2	8M	78.1u	1.302m	-	756.8m
9	3	8M	99.7u	1.069m	1.783m	557.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 12						
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	8M	85.6u	1.082m	-	874.1m
2	2	8M	81.6u	1.669m	-	781.7m
3	2	8M	76.3u	1.051m	-	469.8m
4	2	8M	53.4u	1.109m	-	579.4m
5	2	8M	60.3u	1.288m	-	972.5m
6	1	8M	73.5u	-	-	379.7m
7	2	8M	90.0u	1.601m	-	302.6m
8	1	8M	58.0u	-	-	883.6m
9	2	8M	77.8u	1.348m	-	110.6m
10	2	8M	74.6u	1.921m	-	292.1m
11	1	8M	94.1u	-	-	793.6m
12	2	8M	52.0u	1.449m	-	437.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 11						
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	1	8M	71.1u	-	-	436.6m
2	1	8M	87.7u	-	-	18.39m
3	1	8M	56.2u	-	-	170.2m
4	2	8M	87.7u	1.268m	-	279.7m
5	2	8M	77.9u	1.903m	-	679.5m
6	3	8M	53.6u	969.4u	1.477m	1.068
7	1	8M	69.4u	-	-	447.7m
8	2	8M	93.5u	1.630m	-	178.2m
9	2	8M	52.4u	1.119m	-	320.4m
10	2	8M	76.3u	1.579m	-	806.7m
11	2	8M	72.0u	1.881m	-	90.84m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 13						
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	2	7M	52.9u	1.149m	-	459.6m
2	2	7M	72.7u	1.195m	-	749.5m
3	2	7M	84.3u	1.348m	-	820.7m
4	2	7M	77.1u	1.831m	-	696.8m
5	1	7M	99.5u	-	-	365.0m
6	1	7M	81.5u	-	-	821.3m
7	2	7M	66.5u	1.670m	-	10.40m
8	2	7M	94.2u	1.051m	-	450.0m
9	2	7M	54.3u	1.075m	-	892.9m
10	2	7M	97.5u	1.352m	-	129.0m
11	3	7M	66.1u	1.290m	952.9u	70.05m
12	2	7M	64.0u	1.671m	-	229.6m
13	1	7M	50.9u	-	-	132.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
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	7M	55.6u	1.308m	-	946.0m
2	2	7M	90.3u	1.109m	-	586.0m
3	3	7M	75.1u	1.179m	1.124m	427.1m
4	3	7M	86.1u	1.371m	1.270m	375.9m
5	2	7M	89.1u	1.058m	-	615.5m
6	2	7M	76.9u	1.774m	-	247.3m
7	2	7M	64.3u	1.929m	-	1.055
8	3	7M	61.7u	1.387m	1.721m	167.4m
9	2	7M	95.7u	1.831m	-	305.4m
10	3	7M	84.7u	1.764m	1.195m	294.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 15						
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	2	7M	53.0u	969.0u	-	746.8m
2	1	7M	63.4u	-	-	742.3m
3	2	7M	50.2u	1.509m	-	409.2m
4	3	7M	60.1u	1.447m	1.300m	473.9m
5	2	7M	80.0u	1.361m	-	541.6m
6	2	7M	54.0u	1.276m	-	751.9m
7	2	7M	86.4u	1.372m	-	5.669m
8	3	7M	67.1u	1.234m	1.548m	681.3m
9	1	7M	83.2u	-	-	569.4m
10	2	7M	89.6u	1.288m	-	710.9m
11	2	7M	68.4u	1.713m	-	305.7m
12	2	7M	98.4u	1.105m	-	659.4m
13	2	7M	53.8u	1.651m	-	260.7m
14	3	7M	90.7u	971.3u	1.297m	64.39m
15	3	7M	88.5u	1.396m	1.731m	619.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 19						
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	5M	50.4u	1.916m	-	334.6m
2	2	5M	54.2u	1.760m	-	40.17m
3	2	5M	66.7u	1.591m	-	375.0m
4	1	5M	81.8u	-	-	224.8m
5	3	5M	85.3u	1.562m	1.550m	598.5m
6	2	5M	50.9u	1.097m	-	247.8m
7	3	5M	71.5u	1.403m	1.250m	384.9m
8	1	5M	57.3u	-	-	545.1m
9	1	5M	99.4u	-	-	327.7m
10	2	5M	81.7u	1.762m	-	346.5m
11	3	5M	87.0u	1.625m	1.683m	237.2m

12	2	5M	94.9u	1.522m	-	585.4m
13	2	5M	83.5u	1.529m	-	480.1m
14	2	5M	66.1u	1.677m	-	545.9m
15	2	5M	52.9u	1.709m	-	563.8m
16	3	5M	51.5u	1.865m	1.887m	433.2m
17	1	5M	82.8u	-	-	4.846m
18	2	5M	84.6u	957.4u	-	397.1m
19	3	5M	70.6u	1.247m	1.791m	432.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 19						
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	5M	61.2u	1.793m	1.857m	398.8m
2	1	5M	53.7u	-	-	300.3m
3	2	5M	82.7u	1.900m	-	154.0m
4	3	5M	98.8u	1.369m	1.879m	7.212m
5	2	5M	54.9u	1.516m	-	475.2m
6	3	5M	57.2u	1.640m	1.396m	427.7m
7	2	5M	91.6u	1.507m	-	435.3m
8	2	5M	69.8u	1.897m	-	349.7m
9	2	5M	58.1u	1.668m	-	584.4m
10	2	5M	81.6u	1.380m	-	184.8m
11	2	5M	57.5u	1.242m	-	221.2m
12	3	5M	92.2u	1.227m	913.8u	353.3m
13	2	5M	81.9u	1.129m	-	486.4m
14	2	5M	66.9u	1.395m	-	235.5m
15	1	5M	67.9u	-	-	415.5m
16	3	5M	99.2u	1.884m	1.803m	462.9m
17	2	5M	71.2u	1.043m	-	214.2m
18	1	5M	70.9u	-	-	379.4m
19	2	5M	68.8u	1.209m	-	322.3m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 16

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	2	5M	74.2u	1.447m	-	238.4m
2	2	5M	93.7u	1.650m	-	441.9m
3	2	5M	68.7u	1.421m	-	728.2m
4	3	5M	75.2u	1.442m	1.590m	403.0m
5	1	5M	75.3u	-	-	170.1m
6	3	5M	68.2u	1.376m	1.774m	617.9m
7	2	5M	89.2u	1.073m	-	171.4m
8	2	5M	52.7u	1.462m	-	631.6m
9	2	5M	82.7u	1.453m	-	57.96m
10	2	5M	54.8u	1.349m	-	235.3m
11	2	5M	61.5u	1.850m	-	222.3m
12	3	5M	58.9u	1.369m	1.396m	400.4m
13	3	5M	52.1u	1.383m	1.690m	717.9m
14	1	5M	85.3u	-	-	97.89m
15	2	5M	62.4u	1.191m	-	4.969m
16	1	5M	85.0u	-	-	226.8m

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	No
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: 93.33 %

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	No
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: 93.33 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.594G	2	5.685G	3	5.361G	4	5.582G
5	5.699G	6	5.598G	7	5.352G	8	5.301G
9	5.658G	10	5.311G	11	5.696G	12	5.278G
13	5.529G	14	5.462G	15	5.313G	16	5.655G
17	5.523G	18	5.390G	19	5.282G	20	5.273G
21	5.339G	22	5.595G	23	5.434G	24	5.300G
25	5.351G	26	5.617G	27	5.250G	28	5.436G
29	5.605G	30	5.508G	31	5.307G	32	5.636G
33	5.294G	34	5.401G	35	5.601G	36	5.460G
37	5.587G	38	5.324G	39	5.314G	40	5.349G
41	5.654G	42	5.576G	43	5.432G	44	5.413G
45	5.538G	46	5.336G	47	5.378G	48	5.702G
49	5.542G	50	5.417G	51	5.723G	52	5.374G
53	5.535G	54	5.485G	55	5.302G	56	5.635G
57	5.384G	58	5.503G	59	5.387G	60	5.575G
61	5.465G	62	5.297G	63	5.440G	64	5.602G
65	5.691G	66	5.715G	67	5.565G	68	5.579G
69	5.698G	70	5.500G	71	5.252G	72	5.649G
73	5.272G	74	5.589G	75	5.711G	76	5.712G
77	5.359G	78	5.592G	79	5.624G	80	5.671G
81	5.545G	82	5.402G	83	5.445G	84	5.514G
85	5.549G	86	5.291G	87	5.317G	88	5.299G
89	5.501G	90	5.554G	91	5.293G	92	5.285G
93	5.546G	94	5.253G	95	5.379G	96	5.551G
97	5.350G	98	5.550G	99	5.447G	100	5.358G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.376G	2	5.709G	3	5.610G	4	5.380G
5	5.421G	6	5.506G	7	5.294G	8	5.373G
9	5.669G	10	5.716G	11	5.589G	12	5.307G
13	5.429G	14	5.651G	15	5.275G	16	5.478G
17	5.720G	18	5.667G	19	5.272G	20	5.534G
21	5.629G	22	5.405G	23	5.447G	24	5.543G
25	5.495G	26	5.279G	27	5.719G	28	5.444G

29	5.578G	30	5.512G	31	5.408G	32	5.250G
33	5.263G	34	5.372G	35	5.295G	36	5.433G
37	5.445G	38	5.586G	39	5.609G	40	5.381G
41	5.661G	42	5.655G	43	5.469G	44	5.273G
45	5.497G	46	5.717G	47	5.356G	48	5.611G
49	5.422G	50	5.439G	51	5.620G	52	5.260G
53	5.350G	54	5.282G	55	5.666G	56	5.701G
57	5.575G	58	5.633G	59	5.472G	60	5.367G
61	5.454G	62	5.416G	63	5.508G	64	5.340G
65	5.718G	66	5.561G	67	5.283G	68	5.274G
69	5.514G	70	5.568G	71	5.361G	72	5.605G
73	5.715G	74	5.639G	75	5.576G	76	5.658G
77	5.379G	78	5.300G	79	5.482G	80	5.311G
81	5.265G	82	5.501G	83	5.523G	84	5.480G
85	5.479G	86	5.722G	87	5.335G	88	5.359G
89	5.413G	90	5.425G	91	5.516G	92	5.532G
93	5.407G	94	5.343G	95	5.419G	96	5.703G
97	5.711G	98	5.527G	99	5.695G	100	5.546G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.357G	2	5.382G	3	5.464G	4	5.556G
5	5.456G	6	5.458G	7	5.300G	8	5.616G
9	5.582G	10	5.499G	11	5.618G	12	5.402G
13	5.250G	14	5.684G	15	5.620G	16	5.723G
17	5.265G	18	5.379G	19	5.632G	20	5.486G
21	5.606G	22	5.496G	23	5.507G	24	5.411G
25	5.598G	26	5.435G	27	5.587G	28	5.373G
29	5.381G	30	5.344G	31	5.672G	32	5.480G
33	5.455G	34	5.296G	35	5.715G	36	5.409G
37	5.371G	38	5.539G	39	5.336G	40	5.557G
41	5.506G	42	5.254G	43	5.669G	44	5.405G
45	5.420G	46	5.714G	47	5.528G	48	5.701G
49	5.363G	50	5.626G	51	5.438G	52	5.542G
53	5.685G	54	5.568G	55	5.599G	56	5.595G
57	5.299G	58	5.580G	59	5.416G	60	5.372G
61	5.312G	62	5.629G	63	5.561G	64	5.393G
65	5.307G	66	5.313G	67	5.414G	68	5.417G
69	5.696G	70	5.719G	71	5.690G	72	5.627G

73	5.617G	74	5.636G	75	5.404G	76	5.593G
77	5.678G	78	5.399G	79	5.491G	80	5.304G
81	5.643G	82	5.608G	83	5.392G	84	5.263G
85	5.589G	86	5.466G	87	5.425G	88	5.553G
89	5.707G	90	5.453G	91	5.332G	92	5.590G
93	5.594G	94	5.272G	95	5.328G	96	5.708G
97	5.449G	98	5.298G	99	5.348G	100	5.365G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.665G	2	5.500G	3	5.273G	4	5.495G
5	5.656G	6	5.481G	7	5.396G	8	5.355G
9	5.567G	10	5.431G	11	5.337G	12	5.473G
13	5.504G	14	5.320G	15	5.520G	16	5.685G
17	5.574G	18	5.638G	19	5.477G	20	5.306G
21	5.357G	22	5.255G	23	5.679G	24	5.258G
25	5.720G	26	5.564G	27	5.523G	28	5.696G
29	5.445G	30	5.290G	31	5.503G	32	5.681G
33	5.310G	34	5.446G	35	5.385G	36	5.551G
37	5.578G	38	5.279G	39	5.457G	40	5.430G
41	5.484G	42	5.657G	43	5.558G	44	5.518G
45	5.709G	46	5.492G	47	5.552G	48	5.597G
49	5.710G	50	5.527G	51	5.605G	52	5.266G
53	5.331G	54	5.300G	55	5.704G	56	5.667G
57	5.405G	58	5.352G	59	5.723G	60	5.269G
61	5.475G	62	5.659G	63	5.347G	64	5.555G
65	5.458G	66	5.628G	67	5.722G	68	5.646G
69	5.630G	70	5.340G	71	5.448G	72	5.391G
73	5.435G	74	5.612G	75	5.272G	76	5.314G
77	5.327G	78	5.476G	79	5.386G	80	5.381G
81	5.617G	82	5.443G	83	5.345G	84	5.607G
85	5.631G	86	5.374G	87	5.260G	88	5.261G
89	5.714G	90	5.287G	91	5.680G	92	5.451G
93	5.541G	94	5.265G	95	5.294G	96	5.399G
97	5.377G	98	5.432G	99	5.307G	100	5.707G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.388G	2	5.353G	3	5.492G	4	5.545G
5	5.604G	6	5.585G	7	5.355G	8	5.720G
9	5.570G	10	5.403G	11	5.454G	12	5.258G
13	5.326G	14	5.573G	15	5.342G	16	5.562G
17	5.327G	18	5.348G	19	5.634G	20	5.499G
21	5.537G	22	5.451G	23	5.554G	24	5.260G
25	5.672G	26	5.627G	27	5.300G	28	5.712G
29	5.268G	30	5.603G	31	5.558G	32	5.387G
33	5.669G	34	5.619G	35	5.701G	36	5.504G
37	5.675G	38	5.709G	39	5.394G	40	5.589G
41	5.312G	42	5.459G	43	5.686G	44	5.599G
45	5.722G	46	5.445G	47	5.255G	48	5.270G
49	5.616G	50	5.567G	51	5.252G	52	5.430G
53	5.421G	54	5.310G	55	5.593G	56	5.569G
57	5.291G	58	5.611G	59	5.439G	60	5.356G
61	5.704G	62	5.538G	63	5.346G	64	5.607G
65	5.267G	66	5.295G	67	5.651G	68	5.527G
69	5.621G	70	5.311G	71	5.695G	72	5.697G
73	5.413G	74	5.693G	75	5.340G	76	5.673G
77	5.516G	78	5.321G	79	5.706G	80	5.333G
81	5.638G	82	5.301G	83	5.515G	84	5.389G
85	5.602G	86	5.698G	87	5.415G	88	5.369G
89	5.436G	90	5.711G	91	5.262G	92	5.650G
93	5.450G	94	5.419G	95	5.580G	96	5.282G
97	5.305G	98	5.618G	99	5.399G	100	5.581G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.501G	2	5.702G	3	5.543G	4	5.629G
5	5.576G	6	5.687G	7	5.402G	8	5.504G
9	5.487G	10	5.293G	11	5.266G	12	5.562G
13	5.276G	14	5.282G	15	5.531G	16	5.535G
17	5.649G	18	5.361G	19	5.430G	20	5.529G
21	5.485G	22	5.523G	23	5.723G	24	5.471G
25	5.719G	26	5.253G	27	5.257G	28	5.414G

29	5.601G	30	5.621G	31	5.579G	32	5.600G
33	5.708G	34	5.469G	35	5.566G	36	5.552G
37	5.653G	38	5.612G	39	5.306G	40	5.557G
41	5.550G	42	5.321G	43	5.682G	44	5.415G
45	5.305G	46	5.505G	47	5.701G	48	5.433G
49	5.657G	50	5.404G	51	5.551G	52	5.545G
53	5.264G	54	5.339G	55	5.685G	56	5.442G
57	5.399G	58	5.636G	59	5.556G	60	5.525G
61	5.381G	62	5.666G	63	5.420G	64	5.389G
65	5.628G	66	5.397G	67	5.617G	68	5.400G
69	5.313G	70	5.391G	71	5.440G	72	5.615G
73	5.474G	74	5.307G	75	5.463G	76	5.611G
77	5.398G	78	5.340G	79	5.534G	80	5.330G
81	5.546G	82	5.284G	83	5.537G	84	5.625G
85	5.296G	86	5.259G	87	5.299G	88	5.401G
89	5.382G	90	5.547G	91	5.492G	92	5.518G
93	5.443G	94	5.376G	95	5.457G	96	5.473G
97	5.470G	98	5.539G	99	5.603G	100	5.290G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.471G	2	5.572G	3	5.333G	4	5.307G
5	5.392G	6	5.555G	7	5.469G	8	5.531G
9	5.523G	10	5.339G	11	5.686G	12	5.538G
13	5.512G	14	5.520G	15	5.713G	16	5.621G
17	5.660G	18	5.434G	19	5.613G	20	5.430G
21	5.387G	22	5.589G	23	5.273G	24	5.385G
25	5.299G	26	5.619G	27	5.458G	28	5.563G
29	5.679G	30	5.446G	31	5.399G	32	5.321G
33	5.297G	34	5.647G	35	5.432G	36	5.668G
37	5.271G	38	5.503G	39	5.353G	40	5.290G
41	5.376G	42	5.326G	43	5.500G	44	5.675G
45	5.316G	46	5.580G	47	5.501G	48	5.677G
49	5.554G	50	5.415G	51	5.709G	52	5.498G
53	5.528G	54	5.288G	55	5.449G	56	5.630G
57	5.417G	58	5.536G	59	5.255G	60	5.639G
61	5.669G	62	5.482G	63	5.324G	64	5.591G
65	5.452G	66	5.502G	67	5.567G	68	5.542G
69	5.251G	70	5.718G	71	5.436G	72	5.695G

73	5.348G	74	5.525G	75	5.358G	76	5.466G
77	5.470G	78	5.712G	79	5.314G	80	5.394G
81	5.263G	82	5.391G	83	5.625G	84	5.483G
85	5.666G	86	5.537G	87	5.517G	88	5.653G
89	5.429G	90	5.305G	91	5.607G	92	5.298G
93	5.284G	94	5.687G	95	5.426G	96	5.623G
97	5.453G	98	5.388G	99	5.673G	100	5.608G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.673G	2	5.401G	3	5.697G	4	5.716G
5	5.619G	6	5.251G	7	5.708G	8	5.499G
9	5.294G	10	5.565G	11	5.300G	12	5.593G
13	5.567G	14	5.549G	15	5.581G	16	5.598G
17	5.364G	18	5.571G	19	5.720G	20	5.589G
21	5.486G	22	5.534G	23	5.301G	24	5.569G
25	5.487G	26	5.652G	27	5.703G	28	5.586G
29	5.426G	30	5.509G	31	5.514G	32	5.525G
33	5.590G	34	5.453G	35	5.513G	36	5.685G
37	5.398G	38	5.602G	39	5.632G	40	5.377G
41	5.459G	42	5.664G	43	5.686G	44	5.408G
45	5.292G	46	5.307G	47	5.706G	48	5.387G
49	5.696G	50	5.298G	51	5.717G	52	5.721G
53	5.478G	54	5.381G	55	5.563G	56	5.468G
57	5.416G	58	5.325G	59	5.382G	60	5.680G
61	5.670G	62	5.681G	63	5.545G	64	5.316G
65	5.639G	66	5.614G	67	5.512G	68	5.419G
69	5.272G	70	5.302G	71	5.331G	72	5.659G
73	5.679G	74	5.526G	75	5.592G	76	5.576G
77	5.719G	78	5.397G	79	5.653G	80	5.551G
81	5.395G	82	5.353G	83	5.498G	84	5.405G
85	5.692G	86	5.374G	87	5.368G	88	5.434G
89	5.492G	90	5.271G	91	5.601G	92	5.273G
93	5.475G	94	5.322G	95	5.612G	96	5.350G
97	5.362G	98	5.517G	99	5.683G	100	5.712G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.263G	2	5.355G	3	5.702G	4	5.382G
5	5.577G	6	5.648G	7	5.265G	8	5.516G
9	5.491G	10	5.566G	11	5.692G	12	5.363G
13	5.319G	14	5.469G	15	5.448G	16	5.507G
17	5.414G	18	5.708G	19	5.348G	20	5.644G
21	5.620G	22	5.449G	23	5.314G	24	5.674G
25	5.597G	26	5.723G	27	5.389G	28	5.509G
29	5.353G	30	5.317G	31	5.675G	32	5.392G
33	5.574G	34	5.568G	35	5.352G	36	5.659G
37	5.250G	38	5.408G	39	5.704G	40	5.681G
41	5.256G	42	5.388G	43	5.718G	44	5.466G
45	5.661G	46	5.270G	47	5.432G	48	5.683G
49	5.299G	50	5.627G	51	5.506G	52	5.343G
53	5.486G	54	5.366G	55	5.385G	56	5.406G
57	5.713G	58	5.709G	59	5.641G	60	5.714G
61	5.647G	62	5.460G	63	5.360G	64	5.544G
65	5.259G	66	5.722G	67	5.273G	68	5.457G
69	5.344G	70	5.303G	71	5.576G	72	5.498G
73	5.422G	74	5.439G	75	5.587G	76	5.454G
77	5.435G	78	5.676G	79	5.415G	80	5.285G
81	5.578G	82	5.545G	83	5.412G	84	5.624G
85	5.417G	86	5.530G	87	5.667G	88	5.338G
89	5.612G	90	5.266G	91	5.337G	92	5.476G
93	5.588G	94	5.690G	95	5.345G	96	5.482G
97	5.444G	98	5.295G	99	5.419G	100	5.426G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.302G	2	5.691G	3	5.421G	4	5.695G
5	5.673G	6	5.539G	7	5.484G	8	5.367G
9	5.665G	10	5.344G	11	5.590G	12	5.321G
13	5.305G	14	5.292G	15	5.576G	16	5.718G
17	5.328G	18	5.573G	19	5.361G	20	5.331G
21	5.708G	22	5.516G	23	5.338G	24	5.629G
25	5.680G	26	5.415G	27	5.351G	28	5.264G

29	5.528G	30	5.488G	31	5.561G	32	5.541G
33	5.563G	34	5.723G	35	5.411G	36	5.591G
37	5.621G	38	5.668G	39	5.659G	40	5.623G
41	5.323G	42	5.373G	43	5.630G	44	5.538G
45	5.717G	46	5.453G	47	5.451G	48	5.520G
49	5.505G	50	5.575G	51	5.641G	52	5.554G
53	5.587G	54	5.669G	55	5.314G	56	5.420G
57	5.645G	58	5.459G	59	5.664G	60	5.329G
61	5.567G	62	5.464G	63	5.359G	64	5.706G
65	5.596G	66	5.434G	67	5.482G	68	5.313G
69	5.676G	70	5.529G	71	5.369G	72	5.504G
73	5.388G	74	5.315G	75	5.435G	76	5.483G
77	5.282G	78	5.704G	79	5.337G	80	5.307G
81	5.465G	82	5.412G	83	5.477G	84	5.372G
85	5.447G	86	5.322G	87	5.617G	88	5.707G
89	5.506G	90	5.310G	91	5.517G	92	5.527G
93	5.526G	94	5.425G	95	5.709G	96	5.386G
97	5.540G	98	5.259G	99	5.558G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.654G	2	5.398G	3	5.470G	4	5.660G
5	5.519G	6	5.321G	7	5.527G	8	5.513G
9	5.293G	10	5.600G	11	5.440G	12	5.302G
13	5.363G	14	5.491G	15	5.637G	16	5.450G
17	5.457G	18	5.683G	19	5.390G	20	5.535G
21	5.388G	22	5.546G	23	5.472G	24	5.534G
25	5.386G	26	5.595G	27	5.543G	28	5.394G
29	5.471G	30	5.320G	31	5.634G	32	5.458G
33	5.719G	34	5.566G	35	5.407G	36	5.677G
37	5.565G	38	5.524G	39	5.716G	40	5.681G
41	5.718G	42	5.486G	43	5.496G	44	5.709G
45	5.481G	46	5.482G	47	5.655G	48	5.572G
49	5.377G	50	5.704G	51	5.373G	52	5.528G
53	5.706G	54	5.666G	55	5.622G	56	5.614G
57	5.627G	58	5.349G	59	5.515G	60	5.422G
61	5.501G	62	5.617G	63	5.253G	64	5.281G
65	5.287G	66	5.526G	67	5.542G	68	5.673G
69	5.261G	70	5.498G	71	5.435G	72	5.480G

73	5.705G	74	5.668G	75	5.618G	76	5.536G
77	5.484G	78	5.529G	79	5.343G	80	5.374G
81	5.339G	82	5.552G	83	5.478G	84	5.475G
85	5.446G	86	5.329G	87	5.620G	88	5.447G
89	5.341G	90	5.304G	91	5.588G	92	5.591G
93	5.477G	94	5.664G	95	5.334G	96	5.357G
97	5.667G	98	5.579G	99	5.506G	100	5.412G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.675G	2	5.480G	3	5.267G	4	5.630G
5	5.596G	6	5.633G	7	5.253G	8	5.317G
9	5.273G	10	5.362G	11	5.522G	12	5.594G
13	5.642G	14	5.547G	15	5.503G	16	5.672G
17	5.449G	18	5.316G	19	5.569G	20	5.555G
21	5.498G	22	5.710G	23	5.722G	24	5.682G
25	5.308G	26	5.598G	27	5.276G	28	5.495G
29	5.493G	30	5.593G	31	5.643G	32	5.377G
33	5.670G	34	5.294G	35	5.369G	36	5.714G
37	5.516G	38	5.648G	39	5.357G	40	5.621G
41	5.264G	42	5.261G	43	5.504G	44	5.392G
45	5.295G	46	5.334G	47	5.439G	48	5.305G
49	5.581G	50	5.624G	51	5.272G	52	5.297G
53	5.488G	54	5.629G	55	5.304G	56	5.368G
57	5.391G	58	5.379G	59	5.274G	60	5.263G
61	5.687G	62	5.285G	63	5.639G	64	5.347G
65	5.640G	66	5.579G	67	5.278G	68	5.705G
69	5.491G	70	5.250G	71	5.592G	72	5.344G
73	5.560G	74	5.321G	75	5.646G	76	5.563G
77	5.339G	78	5.453G	79	5.677G	80	5.507G
81	5.605G	82	5.617G	83	5.389G	84	5.462G
85	5.378G	86	5.390G	87	5.583G	88	5.469G
89	5.338G	90	5.568G	91	5.448G	92	5.329G
93	5.388G	94	5.380G	95	5.564G	96	5.418G
97	5.668G	98	5.303G	99	5.693G	100	5.404G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.553G	2	5.630G	3	5.296G	4	5.685G
5	5.719G	6	5.441G	7	5.582G	8	5.386G
9	5.563G	10	5.689G	11	5.663G	12	5.610G
13	5.456G	14	5.352G	15	5.524G	16	5.586G
17	5.435G	18	5.270G	19	5.353G	20	5.534G
21	5.575G	22	5.470G	23	5.465G	24	5.671G
25	5.278G	26	5.604G	27	5.406G	28	5.475G
29	5.652G	30	5.550G	31	5.381G	32	5.443G
33	5.531G	34	5.307G	35	5.411G	36	5.634G
37	5.412G	38	5.568G	39	5.709G	40	5.626G
41	5.339G	42	5.621G	43	5.469G	44	5.327G
45	5.560G	46	5.501G	47	5.362G	48	5.314G
49	5.640G	50	5.667G	51	5.650G	52	5.710G
53	5.287G	54	5.544G	55	5.500G	56	5.617G
57	5.419G	58	5.334G	59	5.683G	60	5.533G
61	5.678G	62	5.447G	63	5.497G	64	5.715G
65	5.397G	66	5.356G	67	5.450G	68	5.658G
69	5.257G	70	5.618G	71	5.635G	72	5.696G
73	5.448G	74	5.371G	75	5.514G	76	5.579G
77	5.496G	78	5.439G	79	5.330G	80	5.250G
81	5.698G	82	5.482G	83	5.651G	84	5.564G
85	5.429G	86	5.494G	87	5.616G	88	5.676G
89	5.251G	90	5.253G	91	5.272G	92	5.644G
93	5.393G	94	5.628G	95	5.313G	96	5.665G
97	5.446G	98	5.624G	99	5.389G	100	5.484G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.580G	2	5.447G	3	5.392G	4	5.691G
5	5.576G	6	5.444G	7	5.397G	8	5.477G
9	5.296G	10	5.288G	11	5.323G	12	5.608G
13	5.325G	14	5.313G	15	5.307G	16	5.350G
17	5.345G	18	5.396G	19	5.367G	20	5.648G
21	5.717G	22	5.577G	23	5.373G	24	5.401G
25	5.537G	26	5.438G	27	5.375G	28	5.689G

29	5.501G	30	5.498G	31	5.380G	32	5.439G
33	5.340G	34	5.645G	35	5.348G	36	5.636G
37	5.533G	38	5.437G	39	5.329G	40	5.291G
41	5.363G	42	5.278G	43	5.298G	44	5.255G
45	5.667G	46	5.379G	47	5.626G	48	5.354G
49	5.374G	50	5.364G	51	5.299G	52	5.552G
53	5.609G	54	5.459G	55	5.508G	56	5.516G
57	5.641G	58	5.446G	59	5.661G	60	5.700G
61	5.633G	62	5.346G	63	5.337G	64	5.642G
65	5.388G	66	5.265G	67	5.586G	68	5.435G
69	5.318G	70	5.674G	71	5.623G	72	5.594G
73	5.272G	74	5.680G	75	5.565G	76	5.721G
77	5.341G	78	5.338G	79	5.562G	80	5.409G
81	5.614G	82	5.369G	83	5.475G	84	5.544G
85	5.649G	86	5.411G	87	5.327G	88	5.651G
89	5.500G	90	5.520G	91	5.257G	92	5.551G
93	5.583G	94	5.424G	95	5.541G	96	5.723G
97	5.601G	98	5.322G	99	5.620G	100	5.557G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.634G	2	5.567G	3	5.338G	4	5.557G
5	5.457G	6	5.390G	7	5.337G	8	5.443G
9	5.667G	10	5.418G	11	5.452G	12	5.349G
13	5.485G	14	5.437G	15	5.287G	16	5.377G
17	5.324G	18	5.583G	19	5.306G	20	5.578G
21	5.712G	22	5.684G	23	5.588G	24	5.343G
25	5.267G	26	5.657G	27	5.651G	28	5.496G
29	5.478G	30	5.671G	31	5.367G	32	5.462G
33	5.609G	34	5.624G	35	5.255G	36	5.332G
37	5.399G	38	5.703G	39	5.385G	40	5.545G
41	5.436G	42	5.266G	43	5.469G	44	5.560G
45	5.273G	46	5.431G	47	5.401G	48	5.600G
49	5.364G	50	5.687G	51	5.561G	52	5.625G
53	5.284G	54	5.468G	55	5.422G	56	5.376G
57	5.497G	58	5.615G	59	5.659G	60	5.523G
61	5.341G	62	5.455G	63	5.409G	64	5.479G
65	5.481G	66	5.498G	67	5.280G	68	5.704G
69	5.713G	70	5.470G	71	5.366G	72	5.356G

73	5.416G	74	5.607G	75	5.256G	76	5.454G
77	5.275G	78	5.420G	79	5.421G	80	5.627G
81	5.714G	82	5.542G	83	5.281G	84	5.289G
85	5.359G	86	5.311G	87	5.573G	88	5.645G
89	5.623G	90	5.690G	91	5.296G	92	5.465G
93	5.373G	94	5.509G	95	5.369G	96	5.282G
97	5.372G	98	5.348G	99	5.547G	100	5.681G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.301G	2	5.473G	3	5.670G	4	5.364G
5	5.667G	6	5.471G	7	5.477G	8	5.508G
9	5.556G	10	5.320G	11	5.359G	12	5.558G
13	5.314G	14	5.581G	15	5.624G	16	5.656G
17	5.446G	18	5.502G	19	5.303G	20	5.361G
21	5.655G	22	5.485G	23	5.531G	24	5.406G
25	5.719G	26	5.565G	27	5.421G	28	5.657G
29	5.677G	30	5.307G	31	5.313G	32	5.537G
33	5.648G	34	5.542G	35	5.724G	36	5.689G
37	5.264G	38	5.611G	39	5.343G	40	5.405G
41	5.649G	42	5.414G	43	5.682G	44	5.325G
45	5.341G	46	5.296G	47	5.390G	48	5.614G
49	5.260G	50	5.567G	51	5.294G	52	5.444G
53	5.384G	54	5.275G	55	5.606G	56	5.460G
57	5.457G	58	5.373G	59	5.277G	60	5.713G
61	5.284G	62	5.602G	63	5.413G	64	5.478G
65	5.647G	66	5.544G	67	5.660G	68	5.626G
69	5.609G	70	5.439G	71	5.548G	72	5.358G
73	5.585G	74	5.643G	75	5.319G	76	5.597G
77	5.526G	78	5.554G	79	5.372G	80	5.493G
81	5.271G	82	5.340G	83	5.286G	84	5.506G
85	5.367G	86	5.662G	87	5.678G	88	5.467G
89	5.309G	90	5.424G	91	5.536G	92	5.632G
93	5.703G	94	5.386G	95	5.651G	96	5.570G
97	5.716G	98	5.253G	99	5.644G	100	5.491G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.291G	2	5.604G	3	5.711G	4	5.721G
5	5.310G	6	5.283G	7	5.413G	8	5.623G
9	5.595G	10	5.570G	11	5.603G	12	5.338G
13	5.416G	14	5.439G	15	5.432G	16	5.523G
17	5.428G	18	5.468G	19	5.334G	20	5.656G
21	5.387G	22	5.611G	23	5.608G	24	5.385G
25	5.687G	26	5.363G	27	5.622G	28	5.682G
29	5.503G	30	5.696G	31	5.565G	32	5.336G
33	5.449G	34	5.321G	35	5.396G	36	5.300G
37	5.620G	38	5.599G	39	5.456G	40	5.673G
41	5.712G	42	5.315G	43	5.355G	44	5.613G
45	5.636G	46	5.590G	47	5.312G	48	5.557G
49	5.305G	50	5.380G	51	5.605G	52	5.384G
53	5.463G	54	5.400G	55	5.451G	56	5.643G
57	5.264G	58	5.724G	59	5.415G	60	5.640G
61	5.316G	62	5.579G	63	5.267G	64	5.375G
65	5.671G	66	5.547G	67	5.391G	68	5.318G
69	5.619G	70	5.537G	71	5.342G	72	5.271G
73	5.661G	74	5.542G	75	5.669G	76	5.710G
77	5.574G	78	5.586G	79	5.524G	80	5.378G
81	5.659G	82	5.423G	83	5.644G	84	5.258G
85	5.268G	86	5.377G	87	5.462G	88	5.529G
89	5.577G	90	5.684G	91	5.628G	92	5.648G
93	5.703G	94	5.543G	95	5.641G	96	5.531G
97	5.361G	98	5.365G	99	5.297G	100	5.362G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.365G	3	5.664G	4	5.548G
5	5.281G	6	5.534G	7	5.546G	8	5.276G
9	5.275G	10	5.292G	11	5.301G	12	5.597G
13	5.316G	14	5.595G	15	5.667G	16	5.641G
17	5.589G	18	5.269G	19	5.619G	20	5.611G
21	5.399G	22	5.274G	23	5.508G	24	5.333G
25	5.307G	26	5.605G	27	5.699G	28	5.604G

29	5.474G	30	5.435G	31	5.551G	32	5.693G
33	5.253G	34	5.700G	35	5.347G	36	5.405G
37	5.425G	38	5.309G	39	5.496G	40	5.343G
41	5.422G	42	5.341G	43	5.498G	44	5.433G
45	5.408G	46	5.633G	47	5.362G	48	5.639G
49	5.663G	50	5.550G	51	5.610G	52	5.487G
53	5.381G	54	5.349G	55	5.598G	56	5.657G
57	5.599G	58	5.300G	59	5.272G	60	5.383G
61	5.531G	62	5.560G	63	5.367G	64	5.417G
65	5.295G	66	5.661G	67	5.632G	68	5.557G
69	5.437G	70	5.416G	71	5.622G	72	5.704G
73	5.488G	74	5.370G	75	5.317G	76	5.583G
77	5.642G	78	5.407G	79	5.410G	80	5.715G
81	5.658G	82	5.466G	83	5.593G	84	5.532G
85	5.375G	86	5.252G	87	5.378G	88	5.578G
89	5.697G	90	5.413G	91	5.396G	92	5.293G
93	5.629G	94	5.371G	95	5.500G	96	5.411G
97	5.592G	98	5.460G	99	5.567G	100	5.288G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.289G	2	5.358G	3	5.453G	4	5.440G
5	5.312G	6	5.469G	7	5.701G	8	5.292G
9	5.309G	10	5.467G	11	5.342G	12	5.695G
13	5.525G	14	5.473G	15	5.569G	16	5.529G
17	5.334G	18	5.588G	19	5.532G	20	5.592G
21	5.443G	22	5.722G	23	5.454G	24	5.508G
25	5.378G	26	5.487G	27	5.338G	28	5.496G
29	5.434G	30	5.663G	31	5.633G	32	5.531G
33	5.463G	34	5.616G	35	5.630G	36	5.333G
37	5.626G	38	5.468G	39	5.363G	40	5.279G
41	5.404G	42	5.311G	43	5.683G	44	5.416G
45	5.368G	46	5.484G	47	5.310G	48	5.702G
49	5.514G	50	5.542G	51	5.421G	52	5.268G
53	5.283G	54	5.520G	55	5.457G	56	5.438G
57	5.493G	58	5.323G	59	5.266G	60	5.331G
61	5.433G	62	5.715G	63	5.682G	64	5.582G
65	5.321G	66	5.388G	67	5.585G	68	5.330G
69	5.322G	70	5.314G	71	5.551G	72	5.365G

73	5.301G	74	5.623G	75	5.401G	76	5.370G
77	5.429G	78	5.284G	79	5.271G	80	5.672G
81	5.721G	82	5.658G	83	5.351G	84	5.361G
85	5.717G	86	5.287G	87	5.714G	88	5.606G
89	5.480G	90	5.684G	91	5.318G	92	5.693G
93	5.405G	94	5.261G	95	5.485G	96	5.417G
97	5.636G	98	5.448G	99	5.698G	100	5.295G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.705G	2	5.525G	3	5.712G	4	5.547G
5	5.640G	6	5.681G	7	5.450G	8	5.352G
9	5.561G	10	5.469G	11	5.558G	12	5.674G
13	5.484G	14	5.536G	15	5.527G	16	5.444G
17	5.425G	18	5.327G	19	5.359G	20	5.570G
21	5.482G	22	5.512G	23	5.301G	24	5.330G
25	5.620G	26	5.355G	27	5.615G	28	5.318G
29	5.568G	30	5.313G	31	5.454G	32	5.552G
33	5.627G	34	5.542G	35	5.488G	36	5.545G
37	5.562G	38	5.716G	39	5.515G	40	5.508G
41	5.574G	42	5.315G	43	5.480G	44	5.294G
45	5.394G	46	5.537G	47	5.585G	48	5.328G
49	5.297G	50	5.688G	51	5.332G	52	5.581G
53	5.380G	54	5.576G	55	5.451G	56	5.284G
57	5.452G	58	5.422G	59	5.486G	60	5.507G
61	5.524G	62	5.575G	63	5.329G	64	5.283G
65	5.580G	66	5.291G	67	5.416G	68	5.643G
69	5.619G	70	5.589G	71	5.320G	72	5.711G
73	5.434G	74	5.473G	75	5.555G	76	5.504G
77	5.541G	78	5.260G	79	5.461G	80	5.350G
81	5.715G	82	5.456G	83	5.679G	84	5.676G
85	5.638G	86	5.478G	87	5.288G	88	5.277G
89	5.393G	90	5.466G	91	5.341G	92	5.386G
93	5.666G	94	5.453G	95	5.337G	96	5.358G
97	5.455G	98	5.413G	99	5.254G	100	5.414G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.380G	2	5.680G	3	5.652G	4	5.398G
5	5.386G	6	5.422G	7	5.353G	8	5.369G
9	5.283G	10	5.578G	11	5.468G	12	5.405G
13	5.645G	14	5.605G	15	5.642G	16	5.312G
17	5.449G	18	5.464G	19	5.370G	20	5.383G
21	5.539G	22	5.653G	23	5.389G	24	5.570G
25	5.723G	26	5.697G	27	5.639G	28	5.598G
29	5.450G	30	5.676G	31	5.553G	32	5.257G
33	5.621G	34	5.296G	35	5.604G	36	5.366G
37	5.618G	38	5.318G	39	5.537G	40	5.626G
41	5.611G	42	5.499G	43	5.270G	44	5.359G
45	5.647G	46	5.409G	47	5.679G	48	5.686G
49	5.620G	50	5.555G	51	5.658G	52	5.334G
53	5.475G	54	5.328G	55	5.377G	56	5.674G
57	5.264G	58	5.517G	59	5.385G	60	5.254G
61	5.397G	62	5.443G	63	5.478G	64	5.584G
65	5.648G	66	5.547G	67	5.378G	68	5.687G
69	5.519G	70	5.396G	71	5.518G	72	5.597G
73	5.702G	74	5.348G	75	5.581G	76	5.567G
77	5.271G	78	5.454G	79	5.325G	80	5.573G
81	5.552G	82	5.374G	83	5.293G	84	5.544G
85	5.282G	86	5.448G	87	5.309G	88	5.612G
89	5.395G	90	5.557G	91	5.575G	92	5.323G
93	5.319G	94	5.536G	95	5.722G	96	5.387G
97	5.551G	98	5.259G	99	5.298G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.596G	2	5.649G	3	5.400G	4	5.522G
5	5.443G	6	5.391G	7	5.651G	8	5.535G
9	5.337G	10	5.268G	11	5.387G	12	5.587G
13	5.342G	14	5.274G	15	5.657G	16	5.351G
17	5.367G	18	5.565G	19	5.509G	20	5.523G
21	5.350G	22	5.280G	23	5.442G	24	5.584G
25	5.628G	26	5.422G	27	5.335G	28	5.372G

29	5.491G	30	5.462G	31	5.604G	32	5.363G
33	5.302G	34	5.658G	35	5.666G	36	5.578G
37	5.269G	38	5.263G	39	5.529G	40	5.308G
41	5.532G	42	5.287G	43	5.436G	44	5.528G
45	5.284G	46	5.689G	47	5.467G	48	5.665G
49	5.688G	50	5.333G	51	5.554G	52	5.722G
53	5.504G	54	5.285G	55	5.306G	56	5.551G
57	5.384G	58	5.580G	59	5.407G	60	5.361G
61	5.373G	62	5.676G	63	5.482G	64	5.347G
65	5.500G	66	5.710G	67	5.662G	68	5.623G
69	5.322G	70	5.612G	71	5.444G	72	5.429G
73	5.460G	74	5.629G	75	5.360G	76	5.313G
77	5.541G	78	5.416G	79	5.561G	80	5.619G
81	5.704G	82	5.300G	83	5.631G	84	5.611G
85	5.488G	86	5.618G	87	5.552G	88	5.250G
89	5.371G	90	5.258G	91	5.251G	92	5.633G
93	5.475G	94	5.639G	95	5.566G	96	5.632G
97	5.358G	98	5.617G	99	5.492G	100	5.498G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.494G	2	5.369G	3	5.704G	4	5.580G
5	5.497G	6	5.598G	7	5.462G	8	5.435G
9	5.459G	10	5.591G	11	5.559G	12	5.495G
13	5.302G	14	5.558G	15	5.609G	16	5.306G
17	5.632G	18	5.639G	19	5.425G	20	5.702G
21	5.252G	22	5.263G	23	5.427G	24	5.330G
25	5.316G	26	5.253G	27	5.687G	28	5.266G
29	5.692G	30	5.472G	31	5.682G	32	5.708G
33	5.719G	34	5.716G	35	5.650G	36	5.717G
37	5.350G	38	5.452G	39	5.431G	40	5.429G
41	5.319G	42	5.393G	43	5.503G	44	5.620G
45	5.290G	46	5.400G	47	5.614G	48	5.312G
49	5.568G	50	5.373G	51	5.445G	52	5.636G
53	5.634G	54	5.331G	55	5.328G	56	5.483G
57	5.303G	58	5.700G	59	5.310G	60	5.505G
61	5.590G	62	5.533G	63	5.343G	64	5.711G
65	5.551G	66	5.506G	67	5.476G	68	5.407G
69	5.398G	70	5.357G	71	5.485G	72	5.292G

73	5.612G	74	5.584G	75	5.481G	76	5.694G
77	5.264G	78	5.683G	79	5.541G	80	5.475G
81	5.693G	82	5.388G	83	5.635G	84	5.555G
85	5.608G	86	5.283G	87	5.308G	88	5.493G
89	5.570G	90	5.260G	91	5.557G	92	5.411G
93	5.413G	94	5.295G	95	5.713G	96	5.507G
97	5.451G	98	5.254G	99	5.471G	100	5.709G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.578G	2	5.505G	3	5.309G	4	5.599G
5	5.343G	6	5.532G	7	5.354G	8	5.671G
9	5.262G	10	5.602G	11	5.533G	12	5.250G
13	5.320G	14	5.632G	15	5.610G	16	5.308G
17	5.539G	18	5.717G	19	5.428G	20	5.707G
21	5.701G	22	5.442G	23	5.603G	24	5.375G
25	5.334G	26	5.706G	27	5.626G	28	5.702G
29	5.453G	30	5.703G	31	5.319G	32	5.478G
33	5.378G	34	5.520G	35	5.509G	36	5.447G
37	5.563G	38	5.678G	39	5.569G	40	5.346G
41	5.598G	42	5.596G	43	5.471G	44	5.680G
45	5.622G	46	5.306G	47	5.348G	48	5.468G
49	5.685G	50	5.633G	51	5.302G	52	5.665G
53	5.260G	54	5.494G	55	5.321G	56	5.480G
57	5.571G	58	5.661G	59	5.410G	60	5.394G
61	5.664G	62	5.570G	63	5.292G	64	5.630G
65	5.416G	66	5.545G	67	5.605G	68	5.639G
69	5.646G	70	5.593G	71	5.379G	72	5.648G
73	5.487G	74	5.625G	75	5.450G	76	5.301G
77	5.637G	78	5.549G	79	5.503G	80	5.564G
81	5.353G	82	5.662G	83	5.623G	84	5.565G
85	5.548G	86	5.467G	87	5.700G	88	5.445G
89	5.257G	90	5.360G	91	5.357G	92	5.543G
93	5.363G	94	5.519G	95	5.377G	96	5.463G
97	5.432G	98	5.328G	99	5.427G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.551G	2	5.406G	3	5.488G	4	5.357G
5	5.539G	6	5.635G	7	5.633G	8	5.518G
9	5.672G	10	5.636G	11	5.527G	12	5.450G
13	5.601G	14	5.279G	15	5.651G	16	5.641G
17	5.699G	18	5.323G	19	5.555G	20	5.274G
21	5.421G	22	5.505G	23	5.399G	24	5.674G
25	5.317G	26	5.306G	27	5.292G	28	5.609G
29	5.254G	30	5.686G	31	5.309G	32	5.537G
33	5.307G	34	5.523G	35	5.288G	36	5.632G
37	5.320G	38	5.715G	39	5.398G	40	5.335G
41	5.340G	42	5.509G	43	5.613G	44	5.458G
45	5.703G	46	5.506G	47	5.353G	48	5.375G
49	5.504G	50	5.623G	51	5.409G	52	5.516G
53	5.269G	54	5.610G	55	5.431G	56	5.554G
57	5.682G	58	5.679G	59	5.625G	60	5.696G
61	5.325G	62	5.534G	63	5.701G	64	5.478G
65	5.411G	66	5.347G	67	5.638G	68	5.430G
69	5.272G	70	5.657G	71	5.298G	72	5.700G
73	5.480G	74	5.680G	75	5.416G	76	5.376G
77	5.646G	78	5.587G	79	5.395G	80	5.514G
81	5.467G	82	5.343G	83	5.627G	84	5.316G
85	5.622G	86	5.559G	87	5.637G	88	5.541G
89	5.469G	90	5.662G	91	5.465G	92	5.466G
93	5.714G	94	5.310G	95	5.295G	96	5.337G
97	5.675G	98	5.293G	99	5.608G	100	5.558G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.270G	2	5.280G	3	5.623G	4	5.597G
5	5.639G	6	5.290G	7	5.674G	8	5.438G
9	5.630G	10	5.284G	11	5.360G	12	5.389G
13	5.561G	14	5.530G	15	5.541G	16	5.604G
17	5.300G	18	5.704G	19	5.430G	20	5.564G
21	5.482G	22	5.675G	23	5.680G	24	5.590G
25	5.303G	26	5.268G	27	5.622G	28	5.508G

29	5.603G	30	5.474G	31	5.316G	32	5.497G
33	5.466G	34	5.660G	35	5.579G	36	5.450G
37	5.646G	38	5.415G	39	5.317G	40	5.707G
41	5.330G	42	5.322G	43	5.628G	44	5.484G
45	5.664G	46	5.700G	47	5.428G	48	5.371G
49	5.636G	50	5.377G	51	5.465G	52	5.481G
53	5.475G	54	5.665G	55	5.253G	56	5.591G
57	5.624G	58	5.609G	59	5.299G	60	5.440G
61	5.418G	62	5.384G	63	5.483G	64	5.582G
65	5.388G	66	5.666G	67	5.457G	68	5.708G
69	5.642G	70	5.411G	71	5.608G	72	5.627G
73	5.410G	74	5.499G	75	5.405G	76	5.544G
77	5.494G	78	5.718G	79	5.339G	80	5.442G
81	5.616G	82	5.261G	83	5.560G	84	5.373G
85	5.533G	86	5.263G	87	5.578G	88	5.509G
89	5.265G	90	5.691G	91	5.670G	92	5.369G
93	5.715G	94	5.283G	95	5.567G	96	5.407G
97	5.570G	98	5.645G	99	5.313G	100	5.306G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.416G	2	5.254G	3	5.482G	4	5.523G
5	5.395G	6	5.387G	7	5.407G	8	5.685G
9	5.382G	10	5.352G	11	5.704G	12	5.721G
13	5.466G	14	5.348G	15	5.477G	16	5.540G
17	5.302G	18	5.568G	19	5.450G	20	5.521G
21	5.708G	22	5.326G	23	5.600G	24	5.411G
25	5.606G	26	5.278G	27	5.535G	28	5.616G
29	5.676G	30	5.536G	31	5.562G	32	5.662G
33	5.693G	34	5.688G	35	5.396G	36	5.461G
37	5.251G	38	5.417G	39	5.627G	40	5.598G
41	5.338G	42	5.555G	43	5.552G	44	5.362G
45	5.608G	46	5.316G	47	5.647G	48	5.397G
49	5.646G	50	5.331G	51	5.534G	52	5.250G
53	5.720G	54	5.480G	55	5.304G	56	5.611G
57	5.663G	58	5.405G	59	5.446G	60	5.700G
61	5.603G	62	5.515G	63	5.497G	64	5.341G
65	5.299G	66	5.376G	67	5.410G	68	5.545G
69	5.294G	70	5.711G	71	5.325G	72	5.285G

73	5.287G	74	5.644G	75	5.705G	76	5.690G
77	5.577G	78	5.363G	79	5.381G	80	5.588G
81	5.557G	82	5.436G	83	5.543G	84	5.378G
85	5.453G	86	5.589G	87	5.273G	88	5.615G
89	5.503G	90	5.559G	91	5.398G	92	5.621G
93	5.379G	94	5.394G	95	5.699G	96	5.619G
97	5.452G	98	5.502G	99	5.270G	100	5.255G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.338G	2	5.353G	3	5.309G	4	5.401G
5	5.349G	6	5.659G	7	5.709G	8	5.679G
9	5.683G	10	5.544G	11	5.280G	12	5.382G
13	5.580G	14	5.379G	15	5.607G	16	5.551G
17	5.514G	18	5.260G	19	5.479G	20	5.714G
21	5.699G	22	5.494G	23	5.292G	24	5.316G
25	5.571G	26	5.691G	27	5.444G	28	5.655G
29	5.390G	30	5.584G	31	5.430G	32	5.393G
33	5.562G	34	5.633G	35	5.274G	36	5.368G
37	5.325G	38	5.436G	39	5.589G	40	5.472G
41	5.441G	42	5.285G	43	5.276G	44	5.478G
45	5.632G	46	5.535G	47	5.253G	48	5.581G
49	5.399G	50	5.255G	51	5.624G	52	5.715G
53	5.327G	54	5.340G	55	5.596G	56	5.323G
57	5.635G	58	5.261G	59	5.431G	60	5.331G
61	5.265G	62	5.394G	63	5.381G	64	5.626G
65	5.453G	66	5.308G	67	5.448G	68	5.582G
69	5.525G	70	5.644G	71	5.541G	72	5.687G
73	5.277G	74	5.304G	75	5.660G	76	5.618G
77	5.256G	78	5.366G	79	5.647G	80	5.565G
81	5.671G	82	5.252G	83	5.370G	84	5.496G
85	5.567G	86	5.395G	87	5.642G	88	5.588G
89	5.638G	90	5.389G	91	5.648G	92	5.458G
93	5.523G	94	5.563G	95	5.716G	96	5.597G
97	5.559G	98	5.426G	99	5.334G	100	5.534G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.270G	2	5.282G	3	5.447G	4	5.316G
5	5.548G	6	5.334G	7	5.647G	8	5.576G
9	5.659G	10	5.314G	11	5.386G	12	5.345G
13	5.324G	14	5.290G	15	5.515G	16	5.597G
17	5.573G	18	5.470G	19	5.364G	20	5.712G
21	5.649G	22	5.461G	23	5.685G	24	5.320G
25	5.366G	26	5.413G	27	5.635G	28	5.411G
29	5.374G	30	5.351G	31	5.586G	32	5.286G
33	5.522G	34	5.390G	35	5.275G	36	5.349G
37	5.575G	38	5.258G	39	5.274G	40	5.662G
41	5.429G	42	5.658G	43	5.549G	44	5.449G
45	5.430G	46	5.634G	47	5.599G	48	5.695G
49	5.438G	50	5.454G	51	5.518G	52	5.384G
53	5.698G	54	5.525G	55	5.663G	56	5.672G
57	5.651G	58	5.279G	59	5.485G	60	5.631G
61	5.358G	62	5.406G	63	5.456G	64	5.622G
65	5.716G	66	5.620G	67	5.431G	68	5.460G
69	5.643G	70	5.359G	71	5.562G	72	5.288G
73	5.714G	74	5.289G	75	5.408G	76	5.572G
77	5.445G	78	5.577G	79	5.452G	80	5.371G
81	5.446G	82	5.262G	83	5.471G	84	5.656G
85	5.307G	86	5.574G	87	5.260G	88	5.362G
89	5.420G	90	5.674G	91	5.595G	92	5.629G
93	5.667G	94	5.387G	95	5.424G	96	5.709G
97	5.325G	98	5.507G	99	5.570G	100	5.513G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.578G	2	5.337G	3	5.417G	4	5.700G
5	5.342G	6	5.667G	7	5.428G	8	5.415G
9	5.639G	10	5.525G	11	5.526G	12	5.533G
13	5.261G	14	5.631G	15	5.545G	16	5.577G
17	5.612G	18	5.498G	19	5.393G	20	5.574G
21	5.550G	22	5.718G	23	5.298G	24	5.520G
25	5.255G	26	5.387G	27	5.356G	28	5.444G
29	5.448G	30	5.353G	31	5.668G	32	5.402G
33	5.414G	34	5.637G	35	5.676G	36	5.363G
37	5.445G	38	5.354G	39	5.403G	40	5.267G
41	5.703G	42	5.560G	43	5.559G	44	5.680G
45	5.506G	46	5.257G	47	5.365G	48	5.317G
49	5.454G	50	5.629G	51	5.260G	52	5.543G
53	5.673G	54	5.620G	55	5.389G	56	5.627G
57	5.661G	58	5.386G	59	5.645G	60	5.373G
61	5.623G	62	5.456G	63	5.606G	64	5.289G
65	5.658G	66	5.258G	67	5.584G	68	5.446G
69	5.483G	70	5.427G	71	5.399G	72	5.457G
73	5.642G	74	5.299G	75	5.603G	76	5.552G
77	5.495G	78	5.576G	79	5.715G	80	5.652G
81	5.449G	82	5.410G	83	5.626G	84	5.651G
85	5.538G	86	5.687G	87	5.346G	88	5.250G
89	5.692G	90	5.252G	91	5.322G	92	5.632G
93	5.659G	94	5.681G	95	5.585G	96	5.426G
97	5.635G	98	5.657G	99	5.704G	100	5.297G

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Type 1 Radar Statistical Performances						
Trial #	Pulse Repetition Frequency Number(1 to 23)	PRF(Pulse per seconds)	Pulses per Burst	PRI (μsec)	Radar Frequency (MHz)	Detection
1	23	326.2	18	3066	5499	Yes
2	9	1474.9	78	678	5519	Yes
3	16	1222.5	65	818	5513	Yes
4	5	1672.2	89	598	5520	Yes
5	7	1567.4	83	638	5498	Yes
6	15	1253.1	67	798	5517	Yes
7	12	1355	72	738	5503	Yes
8	20	1113.6	59	898	5515	Yes
9	11	1392.8	74	718	5529	Yes
10	3	1792.1	95	558	5504	Yes
11	19	1139	61	878	5502	Yes
12	17	1193.3	63	838	5508	Yes
13	2	1858.7	99	538	5516	Yes
14	8	1519.8	81	658	5518	Yes
15	22	1066.1	57	938	5512	Yes
16		1065	57	939	5510	No
17		499	27	2004	5514	Yes
18		627.7	34	1593	5511	Yes
19		636.5	34	1571	5526	Yes
20		1179.2	63	848	5528	Yes
21		370.8	20	2697	5522	Yes
22		590.7	32	1693	5507	Yes
23		557.7	30	1793	5500	Yes
24		989.1	53	1011	5506	Yes
25		349.4	19	2862	5525	Yes
26		997	53	1003	5524	Yes
27		363.5	20	2751	5505	Yes
28		492.8	27	2029	5509	Yes
29		1326.3	70	754	5501	Yes
30		803.2	43	1245	5527	Yes
Detection Rate: 96.67 %						

Type 2 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μ sec)	PRI (μ sec)	Radar Frequency (MHz)	Detection
1	29	4.9	210	5519	Yes
2	24	1.7	178	5503	No
3	25	2.1	173	5500	No
4	28	4	222	5525	No
5	27	3.6	219	5526	Yes
6	29	5	212	5501	Yes
7	29	4.9	176	5510	No
8	23	1.1	199	5505	Yes
9	23	1.2	162	5520	Yes
10	29	4.5	220	5512	Yes
11	29	5	229	5508	No
12	29	5	214	5509	Yes
13	25	2.4	153	5504	Yes
14	28	4.1	197	5511	Yes
15	24	2	211	5517	Yes
16	29	4.6	190	5498	Yes
17	23	1	213	5502	Yes
18	25	2.4	218	5515	Yes
19	26	3.2	215	5516	No
20	26	3.1	157	5514	No
21	25	2.7	168	5518	Yes
22	25	2.6	227	5499	Yes
23	24	2	171	5523	Yes
24	23	1.1	158	5529	Yes
25	23	1	167	5522	Yes
26	29	4.9	150	5521	Yes
27	29	4.8	191	5513	Yes
28	25	2.3	159	5507	Yes
29	28	4.3	226	5506	Yes
30	26	3.3	208	5527	Yes
Detection Rate: 76.67 %					

Type 3 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	18	9.9	235	5510	No
2	16	6.7	357	5516	Yes
3	16	7.1	333	5529	Yes
4	18	9	242	5527	Yes
5	17	8.6	397	5508	Yes
6	18	10	302	5503	Yes
7	18	9.9	203	5500	Yes
8	16	6.1	428	5499	Yes
9	16	6.2	335	5518	Yes
10	18	9.5	240	5511	No
11	18	10	224	5513	No
12	18	10	410	5505	Yes
13	17	7.4	359	5522	Yes
14	18	9.1	269	5512	Yes
15	16	7	250	5523	Yes
16	18	9.6	247	5509	Yes
17	16	6	222	5514	Yes
18	17	7.4	424	5507	Yes
19	17	8.2	393	5515	Yes
20	17	8.1	382	5524	Yes
21	17	7.7	486	5520	Yes
22	17	7.6	480	5506	Yes
23	16	7	360	5504	Yes
24	16	6.1	297	5521	Yes
25	16	6	265	5519	No
26	18	9.9	263	5498	Yes
27	18	9.8	324	5501	Yes
28	17	7.3	386	5525	Yes
29	18	9.3	311	5526	Yes
30	17	8.3	378	5502	Yes
Detection Rate: 86.67 %					

Type 4 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	16	19.7	235	5525	Yes
2	12	12.7	357	5503	Yes
3	13	13.6	333	5500	Yes
4	15	17.7	242	5523	Yes
5	15	16.8	397	5504	Yes
6	16	20	302	5507	Yes
7	16	19.7	203	5508	Yes
8	12	11.3	428	5512	Yes
9	12	11.5	335	5511	Yes
10	16	18.8	240	5513	Yes
11	16	20	224	5517	Yes
12	16	20	410	5518	Yes
13	13	14.2	359	5510	No
14	15	18	269	5524	Yes
15	13	13.3	250	5529	Yes
16	16	19	247	5520	Yes
17	12	11.1	222	5514	Yes
18	13	14.2	424	5515	No
19	14	15.9	393	5522	Yes
20	14	15.8	382	5519	Yes
21	14	14.8	486	5521	Yes
22	13	14.6	480	5505	No
23	13	13.2	360	5499	Yes
24	12	11.3	297	5526	Yes
25	12	11	265	5501	Yes
26	16	19.6	263	5516	Yes
27	16	19.6	324	5506	Yes
28	13	14	386	5509	Yes
29	16	18.3	311	5527	Yes
30	14	16.1	378	5502	Yes
Detection Rate: 90 %					

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	No
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: 96.67 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 14						
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	2	20M	89.8u	958.2u	-	146.9m
2	3	20M	93.1u	1.680m	1.399m	602.2m
3	3	20M	99.9u	1.412m	1.104m	382.3m
4	3	20M	81.3u	1.361m	1.357m	826.3m
5	2	20M	58.9u	1.882m	-	678.3m
6	2	20M	62.6u	1.115m	-	41.22m
7	1	20M	59.4u	-	-	168.2m
8	2	20M	58.4u	1.786m	-	810.7m
9	3	20M	93.1u	1.298m	1.212m	651.9m
10	2	20M	50.6u	1.849m	-	168.0m
11	2	20M	82.1u	1.866m	-	296.7m
12	2	20M	89.9u	1.635m	-	266.2m
13	1	20M	92.5u	-	-	540.8m
14	3	20M	92.9u	1.003m	1.034m	233.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 10						
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	1	20M	69.3u	-	-	417.6m
2	3	20M	98.6u	1.159m	1.548m	1.131
3	3	20M	91.0u	1.711m	1.098m	912.1m
4	1	20M	57.4u	-	-	413.1m
5	1	20M	61.1u	-	-	612.7m
6	2	20M	98.0u	1.273m	-	135.7m
7	2	20M	76.6u	1.734m	-	470.6m
8	3	20M	59.8u	1.906m	1.489m	273.5m
9	3	20M	71.9u	1.629m	1.054m	460.5m
10	1	20M	77.0u	-	-	999.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 15						
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	1	20M	63.9u	-	-	77.33m
2	2	20M	94.7u	1.807m	-	47.69m
3	2	20M	55.2u	1.653m	-	235.8m
4	1	20M	88.6u	-	-	734.4m
5	3	20M	58.9u	1.448m	1.576m	594.5m
6	3	20M	80.2u	1.051m	1.328m	738.1m
7	2	20M	51.8u	1.771m	-	610.0m
8	1	20M	58.2u	-	-	187.6m
9	3	20M	51.5u	1.442m	1.642m	91.17m
10	2	20M	54.6u	1.066m	-	128.0m
11	3	20M	92.5u	1.718m	1.207m	337.4m
12	3	20M	88.1u	1.794m	1.583m	438.5m
13	2	20M	63.5u	1.643m	-	214.3m
14	2	20M	73.1u	959.9u	-	235.5m
15	1	20M	71.4u	-	-	509.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 10						
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	19M	91.4u	-	-	1.193
2	2	19M	59.0u	1.416m	-	691.9m
3	3	19M	75.5u	1.576m	1.710m	949.0m
4	3	19M	57.2u	1.495m	1.274m	98.67m
5	2	19M	86.9u	1.499m	-	1.077
6	3	19M	59.2u	1.913m	1.856m	327.0m
7	1	19M	79.4u	-	-	681.2m
8	3	19M	98.1u	1.764m	1.499m	780.6m
9	2	19M	79.1u	1.785m	-	22.12m
10	3	19M	75.5u	1.187m	1.373m	229.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 11						
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	1	19M	54.4u	-	-	361.9m
2	2	19M	92.4u	1.833m	-	364.7m
3	1	19M	95.4u	-	-	242.5m
4	3	19M	98.0u	1.016m	1.525m	376.5m
5	2	19M	56.8u	1.134m	-	184.1m
6	1	19M	51.1u	-	-	797.9m
7	1	19M	67.7u	-	-	856.6m
8	3	19M	67.9u	1.469m	1.742m	1.008
9	2	19M	63.3u	1.329m	-	559.7m
10	2	19M	62.2u	1.285m	-	216.2m
11	2	19M	98.9u	1.868m	-	602.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 14						
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	1	19M	67.6u	-	-	427.1m
2	3	19M	50.6u	1.837m	1.055m	555.1m
3	3	19M	85.6u	1.235m	1.528m	634.4m
4	2	19M	86.1u	1.840m	-	450.0m
5	3	19M	86.2u	1.479m	1.558m	822.9m
6	2	19M	78.9u	1.527m	-	377.6m
7	3	19M	74.4u	1.434m	1.228m	598.2m
8	2	19M	96.0u	926.0u	-	716.7m
9	1	19M	97.3u	-	-	830.9m
10	2	19M	81.9u	964.1u	-	385.6m
11	2	19M	83.5u	1.210m	-	149.9m
12	1	19M	83.2u	-	-	346.0m
13	3	19M	68.3u	1.558m	1.483m	131.2m
14	3	19M	83.6u	1.828m	1.506m	575.7m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 15

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	18M	96.7u	1.627m	-	329.1m
2	1	18M	89.1u	-	-	255.4m
3	2	18M	97.6u	1.831m	-	687.4m
4	3	18M	98.1u	1.087m	981.9u	60.52m
5	3	18M	92.6u	1.298m	1.279m	6.538m
6	2	18M	56.9u	1.633m	-	659.0m
7	3	18M	86.1u	1.392m	1.150m	26.53m
8	2	18M	73.3u	1.915m	-	13.56m
9	3	18M	51.1u	1.656m	1.408m	40.02m
10	2	18M	96.6u	1.875m	-	712.1m
11	1	18M	59.9u	-	-	566.2m
12	1	18M	80.9u	-	-	188.3m
13	1	18M	81.8u	-	-	154.6m
14	2	18M	59.6u	1.139m	-	83.32m
15	2	18M	78.3u	1.135m	-	501.7m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 17

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	1	18M	99.1u	-	-	365.0m
2	2	18M	80.2u	1.073m	-	218.9m
3	1	18M	98.4u	-	-	62.40m
4	2	18M	79.9u	924.1u	-	28.38m
5	3	18M	85.7u	1.729m	1.103m	59.49m
6	3	18M	83.1u	1.033m	1.823m	360.0m
7	1	18M	93.9u	-	-	207.7m
8	2	18M	92.9u	1.657m	-	307.2m
9	2	18M	93.9u	1.164m	-	269.1m
10	3	18M	71.8u	1.516m	1.207m	433.3m
11	2	18M	60.1u	1.913m	-	334.1m

12	2	18M	65.1u	1.569m	-	471.0m
13	2	18M	70.1u	1.020m	-	403.4m
14	2	18M	54.7u	1.505m	-	537.2m
15	2	18M	71.7u	1.764m	-	569.9m
16	2	18M	98.5u	1.729m	-	505.7m
17	2	18M	90.2u	1.677m	-	644.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 19

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	18M	83.6u	1.855m	-	495.3m
2	3	18M	55.5u	1.448m	1.708m	215.6m
3	2	18M	70.2u	1.478m	-	561.7m
4	2	18M	64.9u	1.288m	-	595.7m
5	2	18M	62.4u	1.276m	-	111.2m
6	2	18M	94.7u	1.555m	-	137.8m
7	3	18M	90.7u	1.210m	909.3u	343.8m
8	2	18M	52.8u	1.222m	-	530.2m
9	1	18M	81.4u	-	-	289.4m
10	3	18M	65.5u	1.063m	1.533m	231.9m
11	2	18M	86.2u	964.8u	-	187.7m
12	2	18M	76.0u	1.754m	-	294.4m
13	2	18M	68.7u	937.3u	-	413.6m
14	2	18M	92.7u	1.176m	-	166.7m
15	3	18M	65.6u	1.000m	1.054m	405.5m
16	2	18M	90.8u	1.227m	-	142.0m
17	3	18M	88.6u	1.603m	1.775m	462.3m
18	1	18M	52.1u	-	-	317.1m
19	2	18M	58.9u	1.918m	-	587.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
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	60.9u	1.685m	-	1.030
2	2	16M	86.8u	1.363m	-	1.069
3	2	16M	95.4u	1.521m	-	296.1m
4	3	16M	73.5u	1.628m	1.226m	377.5m
5	2	16M	67.5u	1.036m	-	644.9m
6	3	16M	65.5u	1.798m	1.561m	766.1m
7	3	16M	95.9u	1.094m	1.242m	537.2m
8	2	16M	96.2u	1.578m	-	172.3m
9	2	16M	90.4u	1.274m	-	256.1m
10	2	16M	90.1u	1.319m	-	842.4m
11	2	16M	59.3u	1.600m	-	728.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 9						
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	16M	95.0u	1.637m	-	263.4m
2	2	16M	75.8u	1.761m	-	1.021
3	2	16M	64.2u	1.140m	-	298.8m
4	1	16M	99.0u	-	-	587.8m
5	2	16M	67.5u	1.113m	-	894.9m
6	2	16M	82.5u	1.573m	-	1.185
7	2	16M	99.1u	1.224m	-	143.0m
8	3	16M	66.4u	1.584m	1.360m	1.320
9	1	16M	90.5u	-	-	586.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 20						
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	2	16M	90.8u	1.363m	-	359.9m
2	1	16M	79.7u	-	-	257.3m
3	1	16M	95.3u	-	-	222.6m
4	2	16M	75.3u	1.844m	-	346.1m
5	3	16M	50.2u	1.471m	1.870m	214.7m
6	2	16M	74.4u	1.154m	-	236.1m
7	2	16M	97.2u	1.830m	-	295.6m
8	2	16M	97.0u	1.512m	-	235.6m
9	1	16M	58.9u	-	-	567.2m
10	2	16M	74.8u	1.440m	-	15.56m
11	2	16M	76.9u	1.496m	-	29.78m
12	1	16M	69.6u	-	-	469.7m
13	3	16M	96.3u	995.7u	958.7u	279.9m
14	2	16M	56.3u	1.771m	-	13.09m
15	3	16M	98.0u	1.185m	1.284m	482.3m
16	1	16M	50.4u	-	-	333.2m
17	3	16M	79.7u	1.692m	1.393m	356.8m
18	3	16M	72.2u	1.593m	1.459m	192.6m
19	2	16M	83.3u	1.442m	-	429.6m
20	2	16M	97.4u	1.286m	-	69.43m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	15M	94.0u	1.223m	-	602.5m
2	1	15M	72.8u	-	-	973.3m
3	1	15M	53.8u	-	-	901.9m
4	2	15M	62.4u	1.292m	-	937.5m
5	2	15M	78.8u	1.014m	-	731.3m
6	2	15M	93.5u	1.149m	-	20.15m

7	1	15M	61.8u	-	-	620.4m
8	3	15M	82.0u	1.788m	1.001m	82.34m
9	1	15M	63.6u	-	-	891.7m
10	2	15M	76.7u	1.229m	-	49.96m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 9

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	1	15M	97.5u	-	-	471.5m
2	3	15M	52.7u	1.940m	1.267m	85.10m
3	2	15M	85.6u	1.832m	-	606.7m
4	3	15M	93.9u	1.311m	1.757m	129.9m
5	2	15M	77.8u	1.140m	-	697.6m
6	2	15M	55.9u	1.283m	-	587.3m
7	3	15M	77.8u	1.001m	1.712m	269.7m
8	2	15M	54.8u	1.560m	-	1.196
9	2	15M	54.1u	1.552m	-	817.5m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 11

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	15M	84.4u	-	-	558.9m
2	2	15M	74.4u	1.227m	-	40.96m
3	3	15M	59.9u	1.513m	1.461m	466.4m
4	1	15M	54.6u	-	-	934.1m
5	2	15M	56.2u	1.306m	-	791.5m
6	2	15M	80.1u	1.693m	-	378.4m
7	2	15M	50.2u	1.675m	-	844.0m
8	2	15M	89.6u	1.641m	-	762.8m
9	1	15M	81.8u	-	-	133.1m
10	1	15M	89.0u	-	-	56.12m
11	1	15M	62.1u	-	-	784.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	13M	72.1u	1.176m	1.245m	711.3m
2	3	13M	66.5u	1.451m	952.5u	689.2m
3	2	13M	97.3u	1.333m	-	62.65m
4	2	13M	67.6u	1.035m	-	387.6m
5	1	13M	51.6u	-	-	26.37m
6	2	13M	87.9u	1.499m	-	438.2m
7	2	13M	88.9u	1.856m	-	606.1m
8	3	13M	76.6u	1.341m	1.440m	646.0m
9	2	13M	65.9u	1.898m	-	262.9m
10	2	13M	65.9u	1.233m	-	530.7m
11	1	13M	56.8u	-	-	94.44m
12	3	13M	95.3u	1.778m	1.437m	485.4m
13	1	13M	89.3u	-	-	384.7m
14	2	13M	77.2u	1.862m	-	516.6m
15	2	13M	67.4u	1.159m	-	275.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 12						
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	13M	53.7u	1.723m	-	960.3m
2	1	13M	62.9u	-	-	407.9m
3	2	13M	96.2u	1.404m	-	686.3m
4	1	13M	85.8u	-	-	924.7m
5	3	13M	62.8u	1.023m	1.462m	609.4m
6	1	13M	56.3u	-	-	569.8m
7	3	13M	65.9u	1.348m	1.373m	90.93m
8	2	13M	74.4u	962.6u	-	131.7m
9	1	13M	71.5u	-	-	336.0m
10	3	13M	53.7u	1.897m	1.247m	38.16m
11	2	13M	60.4u	1.372m	-	18.91m

12	1	13M	69.1u	-	-	576.4m
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 14

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	2	13M	89.3u	1.226m	-	698.6m
2	2	13M	62.6u	1.024m	-	618.9m
3	2	13M	92.3u	1.201m	-	707.5m
4	1	13M	59.6u	-	-	50.00m
5	1	13M	96.4u	-	-	8.448m
6	3	13M	69.5u	1.319m	1.753m	62.15m
7	2	13M	89.0u	1.502m	-	190.0m
8	1	13M	70.1u	-	-	855.4m
9	2	13M	82.7u	1.528m	-	481.2m
10	1	13M	84.3u	-	-	770.9m
11	3	13M	60.4u	1.218m	1.468m	138.4m
12	3	13M	53.3u	1.553m	1.265m	163.6m
13	2	13M	56.1u	1.623m	-	373.4m
14	3	13M	58.9u	1.330m	1.283m	306.1m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

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	2	11M	80.5u	1.232m	-	80.10m
2	3	11M	56.7u	1.751m	1.546m	522.8m
3	2	11M	91.9u	1.088m	-	90.81m
4	1	11M	96.0u	-	-	616.9m
5	3	11M	96.7u	1.860m	1.465m	333.2m
6	1	11M	81.1u	-	-	272.7m
7	2	11M	56.3u	1.563m	-	399.8m
8	1	11M	82.2u	-	-	311.4m
9	3	11M	66.5u	1.751m	1.086m	413.8m
10	1	11M	93.7u	-	-	87.24m
11	3	11M	80.2u	993.8u	1.009m	213.3m

12	1	11M	62.0u	-	-	216.1m
13	2	11M	89.6u	969.4u	-	624.3m
14	2	11M	55.3u	1.157m	-	75.19m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20

Number of Bursts in Trial: 14

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	1	11M	71.4u	-	-	617.2m
2	1	11M	61.3u	-	-	743.0m
3	2	11M	50.5u	1.638m	-	406.0m
4	2	11M	98.5u	1.317m	-	487.7m
5	3	11M	55.6u	1.159m	1.086m	759.9m
6	2	11M	84.8u	933.2u	-	641.4m
7	2	11M	66.1u	1.885m	-	68.60m
8	2	11M	54.4u	1.740m	-	286.3m
9	2	11M	82.6u	1.772m	-	664.4m
10	1	11M	93.1u	-	-	801.1m
11	1	11M	56.8u	-	-	546.2m
12	2	11M	95.6u	1.737m	-	93.59m
13	1	11M	59.9u	-	-	705.3m
14	1	11M	56.5u	-	-	714.6m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 19

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	3	11M	96.5u	1.829m	1.187m	257.3m
2	2	11M	99.8u	1.404m	-	484.9m
3	1	11M	84.9u	-	-	565.7m
4	1	11M	95.1u	-	-	204.2m
5	1	11M	81.9u	-	-	476.5m
6	2	11M	50.6u	1.513m	-	616.8m
7	3	11M	63.5u	1.643m	1.618m	483.6m
8	2	11M	72.0u	1.002m	-	339.2m
9	2	11M	60.6u	1.103m	-	26.51m

10	1	11M	82.4u	-	-	82.69m
11	2	11M	95.3u	1.615m	-	38.81m
12	2	11M	68.5u	1.465m	-	300.5m
13	2	11M	92.6u	1.379m	-	138.3m
14	1	11M	93.4u	-	-	357.2m
15	2	11M	61.8u	1.082m	-	257.1m
16	2	11M	96.0u	1.679m	-	471.1m
17	1	11M	66.4u	-	-	566.1m
18	2	11M	77.8u	1.409m	-	107.1m
19	1	11M	79.0u	-	-	395.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 15						
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	71.9u	1.453m	-	773.9m
2	2	9M	84.5u	1.374m	-	314.3m
3	2	9M	96.4u	1.352m	-	684.3m
4	2	9M	51.3u	1.130m	-	232.9m
5	3	9M	88.0u	1.320m	1.795m	163.0m
6	2	9M	61.5u	1.545m	-	703.6m
7	2	9M	68.9u	1.351m	-	333.2m
8	1	9M	60.3u	-	-	314.6m
9	2	9M	94.3u	1.019m	-	530.7m
10	2	9M	90.7u	1.613m	-	681.4m
11	2	9M	85.7u	1.011m	-	285.6m
12	2	9M	85.3u	1.325m	-	307.9m
13	2	9M	95.3u	1.745m	-	364.5m
14	2	9M	53.6u	1.125m	-	793.0m
15	2	9M	84.3u	1.625m	-	98.31m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 18						
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	1	9M	92.6u	-	-	574.7m
2	3	9M	67.9u	1.272m	1.316m	302.6m
3	1	9M	85.3u	-	-	195.7m
4	2	9M	87.8u	1.863m	-	517.8m
5	2	9M	73.7u	1.364m	-	350.7m
6	1	9M	55.8u	-	-	569.5m
7	3	9M	99.1u	936.9u	1.756m	652.9m
8	2	9M	94.5u	1.889m	-	175.3m
9	2	9M	69.1u	1.741m	-	186.8m
10	2	9M	60.2u	1.826m	-	144.5m
11	2	9M	90.0u	1.419m	-	500.0m
12	2	9M	98.3u	1.336m	-	157.3m
13	2	9M	94.4u	1.660m	-	479.9m
14	3	9M	91.0u	1.788m	1.474m	137.2m
15	1	9M	74.3u	-	-	351.9m
16	2	9M	55.0u	1.665m	-	89.03m
17	3	9M	85.5u	981.5u	1.182m	444.9m
18	2	9M	86.1u	1.623m	-	259.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 18						
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	3	9M	54.6u	1.906m	1.750m	580.9m
2	1	9M	52.5u	-	-	593.1m
3	3	9M	75.2u	1.385m	1.104m	466.1m
4	1	9M	69.1u	-	-	190.5m
5	2	9M	94.3u	1.117m	-	338.0m
6	1	9M	65.0u	-	-	599.7m
7	2	9M	59.3u	1.255m	-	143.6m
8	2	9M	56.1u	1.027m	-	307.9m

9	3	9M	67.0u	1.682m	1.409m	56.93m
10	1	9M	82.6u	-	-	214.2m
11	2	9M	54.8u	1.718m	-	559.9m
12	2	9M	61.6u	1.831m	-	662.6m
13	2	9M	62.9u	1.391m	-	32.45m
14	1	9M	59.4u	-	-	453.9m
15	1	9M	56.2u	-	-	340.4m
16	1	9M	54.7u	-	-	250.1m
17	2	9M	98.2u	1.629m	-	18.91m
18	3	9M	94.8u	1.105m	1.721m	119.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 13						
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	2	7M	52.9u	1.149m	-	459.6m
2	2	7M	72.7u	1.195m	-	749.5m
3	2	7M	84.3u	1.348m	-	820.7m
4	2	7M	77.1u	1.831m	-	696.8m
5	1	7M	99.5u	-	-	365.0m
6	1	7M	81.5u	-	-	821.3m
7	2	7M	66.5u	1.670m	-	10.40m
8	2	7M	94.2u	1.051m	-	450.0m
9	2	7M	54.3u	1.075m	-	892.9m
10	2	7M	97.5u	1.352m	-	129.0m
11	3	7M	66.1u	1.290m	952.9u	70.05m
12	2	7M	64.0u	1.671m	-	229.6m
13	1	7M	50.9u	-	-	132.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 10						
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	7M	55.6u	1.308m	-	946.0m
2	2	7M	90.3u	1.109m	-	586.0m
3	3	7M	75.1u	1.179m	1.124m	427.1m
4	3	7M	86.1u	1.371m	1.270m	375.9m
5	2	7M	89.1u	1.058m	-	615.5m
6	2	7M	76.9u	1.774m	-	247.3m
7	2	7M	64.3u	1.929m	-	1.055
8	3	7M	61.7u	1.387m	1.721m	167.4m
9	2	7M	95.7u	1.831m	-	305.4m
10	3	7M	84.7u	1.764m	1.195m	294.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5526MHz						
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	53.0u	969.0u	-	746.8m
2	1	7M	63.4u	-	-	742.3m
3	2	7M	50.2u	1.509m	-	409.2m
4	3	7M	60.1u	1.447m	1.300m	473.9m
5	2	7M	80.0u	1.361m	-	541.6m
6	2	7M	54.0u	1.276m	-	751.9m
7	2	7M	86.4u	1.372m	-	5.669m
8	3	7M	67.1u	1.234m	1.548m	681.3m
9	1	7M	83.2u	-	-	569.4m
10	2	7M	89.6u	1.288m	-	710.9m
11	2	7M	68.4u	1.713m	-	305.7m
12	2	7M	98.4u	1.105m	-	659.4m
13	2	7M	53.8u	1.651m	-	260.7m
14	3	7M	90.7u	971.3u	1.297m	64.39m
15	3	7M	88.5u	1.396m	1.731m	619.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 16						
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	5M	59.2u	-	-	243.0m
2	2	5M	94.5u	1.834m	-	299.3m
3	2	5M	95.4u	1.641m	-	566.0m
4	3	5M	59.5u	1.313m	1.332m	354.8m
5	2	5M	62.1u	1.158m	-	618.4m
6	3	5M	73.9u	1.671m	1.534m	629.7m
7	2	5M	50.4u	1.155m	-	384.7m
8	3	5M	62.7u	1.675m	1.571m	94.54m
9	1	5M	52.4u	-	-	45.93m
10	3	5M	55.9u	1.743m	1.537m	37.45m
11	2	5M	62.1u	1.725m	-	173.9m
12	3	5M	65.1u	1.567m	1.369m	549.6m
13	3	5M	80.3u	1.548m	1.117m	530.8m
14	2	5M	85.5u	1.063m	-	265.8m
15	3	5M	54.7u	1.134m	1.657m	49.43m
16	2	5M	85.8u	1.450m	-	382.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_29

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	3	5M	61.2u	1.793m	1.857m	398.8m
2	1	5M	53.7u	-	-	300.3m
3	2	5M	82.7u	1.900m	-	154.0m
4	3	5M	98.8u	1.369m	1.879m	7.212m
5	2	5M	54.9u	1.516m	-	475.2m
6	3	5M	57.2u	1.640m	1.396m	427.7m
7	2	5M	91.6u	1.507m	-	435.3m
8	2	5M	69.8u	1.897m	-	349.7m
9	2	5M	58.1u	1.668m	-	584.4m
10	2	5M	81.6u	1.380m	-	184.8m
11	2	5M	57.5u	1.242m	-	221.2m
12	3	5M	92.2u	1.227m	913.8u	353.3m
13	2	5M	81.9u	1.129m	-	486.4m
14	2	5M	66.9u	1.395m	-	235.5m
15	1	5M	67.9u	-	-	415.5m
16	3	5M	99.2u	1.884m	1.803m	462.9m
17	2	5M	71.2u	1.043m	-	214.2m
18	1	5M	70.9u	-	-	379.4m
19	2	5M	68.8u	1.209m	-	322.3m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

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	5M	64.8u	1.186m	-	75.79m
2	3	5M	95.3u	1.039m	1.151m	354.7m
3	1	5M	58.2u	-	-	145.6m
4	2	5M	96.2u	1.328m	-	408.6m
5	1	5M	70.0u	-	-	571.7m
6	1	5M	97.0u	-	-	4.469m
7	2	5M	74.8u	1.904m	-	112.1m
8	2	5M	86.3u	1.847m	-	19.29m
9	1	5M	56.7u	-	-	317.3m
10	2	5M	61.0u	956.0u	-	142.0m
11	2	5M	71.0u	935.0u	-	251.8m
12	1	5M	54.2u	-	-	150.7m
13	3	5M	90.1u	1.385m	1.143m	630.6m
14	2	5M	99.6u	1.522m	-	405.1m
15	2	5M	67.1u	1.741m	-	9.165m
16	2	5M	50.8u	1.064m	-	487.1m
17	2	5M	78.9u	1.002m	-	226.8m
18	3	5M	87.7u	1.409m	1.017m	595.7m

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	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	5.603G	2	5.405G	3	5.498G	4	5.670G
5	5.630G	6	5.712G	7	5.653G	8	5.285G
9	5.399G	10	5.541G	11	5.704G	12	5.323G
13	5.532G	14	5.366G	15	5.410G	16	5.581G
17	5.612G	18	5.467G	19	5.312G	20	5.554G
21	5.520G	22	5.551G	23	5.575G	24	5.448G
25	5.414G	26	5.598G	27	5.354G	28	5.708G
29	5.332G	30	5.288G	31	5.310G	32	5.456G
33	5.397G	34	5.361G	35	5.390G	36	5.380G
37	5.620G	38	5.652G	39	5.666G	40	5.457G
41	5.296G	42	5.631G	43	5.411G	44	5.470G
45	5.526G	46	5.472G	47	5.628G	48	5.375G
49	5.649G	50	5.656G	51	5.408G	52	5.393G
53	5.514G	54	5.348G	55	5.523G	56	5.709G
57	5.311G	58	5.284G	59	5.552G	60	5.427G
61	5.255G	62	5.395G	63	5.536G	64	5.626G
65	5.389G	66	5.297G	67	5.679G	68	5.545G
69	5.496G	70	5.617G	71	5.283G	72	5.508G
73	5.299G	74	5.319G	75	5.624G	76	5.440G
77	5.677G	78	5.643G	79	5.558G	80	5.252G
81	5.671G	82	5.378G	83	5.680G	84	5.547G
85	5.683G	86	5.453G	87	5.466G	88	5.471G
89	5.548G	90	5.356G	91	5.486G	92	5.684G
93	5.669G	94	5.349G	95	5.504G	96	5.641G
97	5.495G	98	5.578G	99	5.702G	100	5.706G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.328G	2	5.655G	3	5.570G	4	5.291G
5	5.485G	6	5.342G	7	5.365G	8	5.720G
9	5.647G	10	5.264G	11	5.362G	12	5.403G
13	5.392G	14	5.284G	15	5.363G	16	5.461G
17	5.346G	18	5.381G	19	5.598G	20	5.528G
21	5.640G	22	5.315G	23	5.500G	24	5.539G
25	5.531G	26	5.459G	27	5.603G	28	5.372G
29	5.499G	30	5.263G	31	5.329G	32	5.366G
33	5.431G	34	5.586G	35	5.536G	36	5.266G
37	5.376G	38	5.654G	39	5.701G	40	5.285G
41	5.699G	42	5.327G	43	5.450G	44	5.567G
45	5.680G	46	5.581G	47	5.270G	48	5.633G
49	5.676G	50	5.353G	51	5.456G	52	5.454G
53	5.446G	54	5.532G	55	5.665G	56	5.443G
57	5.432G	58	5.371G	59	5.269G	60	5.559G
61	5.386G	62	5.535G	63	5.308G	64	5.451G
65	5.276G	66	5.718G	67	5.719G	68	5.287G
69	5.636G	70	5.292G	71	5.490G	72	5.700G
73	5.303G	74	5.569G	75	5.489G	76	5.364G
77	5.564G	78	5.335G	79	5.340G	80	5.326G
81	5.677G	82	5.375G	83	5.664G	84	5.427G
85	5.538G	86	5.509G	87	5.420G	88	5.344G
89	5.462G	90	5.682G	91	5.565G	92	5.691G
93	5.355G	94	5.687G	95	5.652G	96	5.352G
97	5.416G	98	5.286G	99	5.684G	100	5.425G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.715G	2	5.431G	3	5.262G	4	5.608G
5	5.436G	6	5.354G	7	5.555G	8	5.545G
9	5.322G	10	5.379G	11	5.513G	12	5.254G
13	5.468G	14	5.449G	15	5.470G	16	5.616G
17	5.287G	18	5.393G	19	5.560G	20	5.256G
21	5.689G	22	5.647G	23	5.707G	24	5.413G
25	5.364G	26	5.445G	27	5.485G	28	5.615G
29	5.566G	30	5.610G	31	5.359G	32	5.723G
33	5.629G	34	5.312G	35	5.296G	36	5.341G
37	5.400G	38	5.611G	39	5.475G	40	5.463G
41	5.625G	42	5.412G	43	5.573G	44	5.434G
45	5.457G	46	5.540G	47	5.264G	48	5.496G
49	5.706G	50	5.724G	51	5.597G	52	5.299G
53	5.324G	54	5.539G	55	5.455G	56	5.547G
57	5.542G	58	5.631G	59	5.367G	60	5.363G
61	5.601G	62	5.714G	63	5.590G	64	5.365G
65	5.578G	66	5.453G	67	5.416G	68	5.471G
69	5.698G	70	5.323G	71	5.605G	72	5.635G
73	5.537G	74	5.352G	75	5.339G	76	5.378G
77	5.317G	78	5.257G	79	5.717G	80	5.637G
81	5.654G	82	5.361G	83	5.511G	84	5.510G
85	5.380G	86	5.594G	87	5.699G	88	5.600G
89	5.648G	90	5.683G	91	5.671G	92	5.283G
93	5.684G	94	5.508G	95	5.337G	96	5.342G
97	5.617G	98	5.278G	99	5.398G	100	5.497G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.267G	2	5.612G	3	5.554G	4	5.569G
5	5.698G	6	5.718G	7	5.288G	8	5.716G
9	5.621G	10	5.723G	11	5.322G	12	5.511G
13	5.570G	14	5.683G	15	5.721G	16	5.530G
17	5.508G	18	5.451G	19	5.416G	20	5.521G
21	5.501G	22	5.460G	23	5.527G	24	5.699G
25	5.363G	26	5.470G	27	5.304G	28	5.623G
29	5.453G	30	5.426G	31	5.441G	32	5.579G
33	5.398G	34	5.669G	35	5.333G	36	5.468G
37	5.557G	38	5.517G	39	5.665G	40	5.610G
41	5.448G	42	5.629G	43	5.380G	44	5.262G
45	5.597G	46	5.285G	47	5.318G	48	5.266G
49	5.270G	50	5.381G	51	5.315G	52	5.401G
53	5.463G	54	5.298G	55	5.607G	56	5.700G
57	5.711G	58	5.417G	59	5.717G	60	5.360G
61	5.429G	62	5.654G	63	5.524G	64	5.496G
65	5.445G	66	5.499G	67	5.280G	68	5.386G
69	5.351G	70	5.687G	71	5.584G	72	5.356G
73	5.661G	74	5.589G	75	5.663G	76	5.657G
77	5.478G	78	5.659G	79	5.389G	80	5.513G
81	5.555G	82	5.458G	83	5.502G	84	5.420G
85	5.549G	86	5.690G	87	5.641G	88	5.648G
89	5.452G	90	5.473G	91	5.542G	92	5.588G
93	5.632G	94	5.439G	95	5.250G	96	5.348G
97	5.466G	98	5.541G	99	5.481G	100	5.562G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.538G	2	5.423G	3	5.481G	4	5.307G
5	5.357G	6	5.593G	7	5.615G	8	5.404G
9	5.711G	10	5.490G	11	5.550G	12	5.416G
13	5.519G	14	5.541G	15	5.339G	16	5.612G
17	5.699G	18	5.653G	19	5.350G	20	5.369G
21	5.373G	22	5.656G	23	5.672G	24	5.688G
25	5.403G	26	5.522G	27	5.665G	28	5.675G
29	5.297G	30	5.402G	31	5.588G	32	5.673G
33	5.421G	34	5.512G	35	5.537G	36	5.715G
37	5.299G	38	5.686G	39	5.263G	40	5.679G
41	5.391G	42	5.313G	43	5.480G	44	5.561G
45	5.523G	46	5.389G	47	5.692G	48	5.569G
49	5.556G	50	5.578G	51	5.425G	52	5.517G
53	5.475G	54	5.532G	55	5.255G	56	5.375G
57	5.349G	58	5.436G	59	5.424G	60	5.271G
61	5.390G	62	5.585G	63	5.652G	64	5.486G
65	5.722G	66	5.280G	67	5.554G	68	5.514G
69	5.587G	70	5.683G	71	5.321G	72	5.547G
73	5.590G	74	5.432G	75	5.548G	76	5.657G
77	5.279G	78	5.693G	79	5.671G	80	5.539G
81	5.438G	82	5.301G	83	5.544G	84	5.670G
85	5.346G	86	5.463G	87	5.394G	88	5.567G
89	5.526G	90	5.434G	91	5.467G	92	5.611G
93	5.295G	94	5.647G	95	5.602G	96	5.318G
97	5.714G	98	5.649G	99	5.695G	100	5.630G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.527G	2	5.604G	3	5.380G	4	5.393G
5	5.280G	6	5.665G	7	5.273G	8	5.473G
9	5.566G	10	5.647G	11	5.694G	12	5.645G
13	5.528G	14	5.359G	15	5.369G	16	5.564G
17	5.497G	18	5.669G	19	5.508G	20	5.459G
21	5.342G	22	5.563G	23	5.531G	24	5.605G
25	5.322G	26	5.436G	27	5.394G	28	5.611G
29	5.295G	30	5.441G	31	5.622G	32	5.469G
33	5.652G	34	5.638G	35	5.308G	36	5.375G
37	5.374G	38	5.309G	39	5.439G	40	5.626G
41	5.688G	42	5.345G	43	5.514G	44	5.646G
45	5.602G	46	5.666G	47	5.254G	48	5.271G
49	5.347G	50	5.470G	51	5.408G	52	5.700G
53	5.467G	54	5.480G	55	5.337G	56	5.673G
57	5.506G	58	5.417G	59	5.512G	60	5.348G
61	5.317G	62	5.621G	63	5.368G	64	5.557G
65	5.722G	66	5.266G	67	5.363G	68	5.678G
69	5.305G	70	5.485G	71	5.352G	72	5.668G
73	5.720G	74	5.509G	75	5.403G	76	5.460G
77	5.351G	78	5.556G	79	5.259G	80	5.629G
81	5.454G	82	5.723G	83	5.291G	84	5.356G
85	5.496G	86	5.681G	87	5.376G	88	5.689G
89	5.461G	90	5.711G	91	5.381G	92	5.279G
93	5.267G	94	5.533G	95	5.367G	96	5.361G
97	5.468G	98	5.389G	99	5.261G	100	5.357G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.273G	2	5.275G	3	5.630G	4	5.277G
5	5.532G	6	5.396G	7	5.342G	8	5.379G
9	5.283G	10	5.475G	11	5.423G	12	5.571G
13	5.516G	14	5.382G	15	5.467G	16	5.429G
17	5.537G	18	5.386G	19	5.678G	20	5.544G
21	5.657G	22	5.527G	23	5.340G	24	5.470G
25	5.440G	26	5.332G	27	5.406G	28	5.373G
29	5.299G	30	5.385G	31	5.314G	32	5.255G
33	5.503G	34	5.507G	35	5.335G	36	5.476G
37	5.310G	38	5.383G	39	5.337G	40	5.518G
41	5.464G	42	5.674G	43	5.560G	44	5.322G
45	5.631G	46	5.446G	47	5.270G	48	5.708G
49	5.590G	50	5.365G	51	5.591G	52	5.706G
53	5.318G	54	5.402G	55	5.703G	56	5.662G
57	5.457G	58	5.414G	59	5.278G	60	5.308G
61	5.569G	62	5.407G	63	5.426G	64	5.376G
65	5.321G	66	5.384G	67	5.381G	68	5.542G
69	5.558G	70	5.472G	71	5.684G	72	5.553G
73	5.306G	74	5.401G	75	5.715G	76	5.458G
77	5.575G	78	5.654G	79	5.352G	80	5.671G
81	5.710G	82	5.479G	83	5.690G	84	5.297G
85	5.528G	86	5.276G	87	5.368G	88	5.585G
89	5.596G	90	5.353G	91	5.681G	92	5.442G
93	5.266G	94	5.268G	95	5.291G	96	5.615G
97	5.416G	98	5.699G	99	5.663G	100	5.293G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.706G	2	5.662G	3	5.360G	4	5.585G
5	5.609G	6	5.471G	7	5.569G	8	5.485G
9	5.292G	10	5.673G	11	5.486G	12	5.626G
13	5.430G	14	5.563G	15	5.659G	16	5.287G
17	5.687G	18	5.719G	19	5.616G	20	5.668G
21	5.621G	22	5.591G	23	5.329G	24	5.558G
25	5.540G	26	5.623G	27	5.393G	28	5.712G
29	5.689G	30	5.370G	31	5.451G	32	5.545G
33	5.448G	34	5.394G	35	5.588G	36	5.633G
37	5.561G	38	5.418G	39	5.522G	40	5.707G
41	5.480G	42	5.414G	43	5.491G	44	5.312G
45	5.704G	46	5.317G	47	5.291G	48	5.319G
49	5.321G	50	5.681G	51	5.273G	52	5.473G
53	5.547G	54	5.457G	55	5.404G	56	5.456G
57	5.296G	58	5.299G	59	5.358G	60	5.684G
61	5.705G	62	5.581G	63	5.355G	64	5.592G
65	5.575G	66	5.436G	67	5.284G	68	5.381G
69	5.542G	70	5.388G	71	5.267G	72	5.254G
73	5.643G	74	5.257G	75	5.618G	76	5.332G
77	5.560G	78	5.647G	79	5.362G	80	5.677G
81	5.670G	82	5.651G	83	5.656G	84	5.425G
85	5.584G	86	5.612G	87	5.379G	88	5.368G
89	5.600G	90	5.489G	91	5.657G	92	5.357G
93	5.263G	94	5.277G	95	5.583G	96	5.555G
97	5.307G	98	5.658G	99	5.286G	100	5.487G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.358G	2	5.423G	3	5.255G	4	5.380G
5	5.477G	6	5.387G	7	5.724G	8	5.629G
9	5.466G	10	5.254G	11	5.611G	12	5.379G
13	5.395G	14	5.702G	15	5.508G	16	5.543G
17	5.261G	18	5.360G	19	5.696G	20	5.411G
21	5.394G	22	5.460G	23	5.592G	24	5.528G
25	5.692G	26	5.449G	27	5.281G	28	5.285G
29	5.279G	30	5.558G	31	5.348G	32	5.496G
33	5.418G	34	5.647G	35	5.661G	36	5.517G
37	5.607G	38	5.359G	39	5.636G	40	5.650G
41	5.559G	42	5.642G	43	5.713G	44	5.274G
45	5.322G	46	5.604G	47	5.667G	48	5.674G
49	5.564G	50	5.414G	51	5.627G	52	5.489G
53	5.431G	54	5.298G	55	5.439G	56	5.353G
57	5.339G	58	5.398G	59	5.457G	60	5.497G
61	5.511G	62	5.390G	63	5.710G	64	5.407G
65	5.334G	66	5.609G	67	5.665G	68	5.263G
69	5.706G	70	5.259G	71	5.484G	72	5.479G
73	5.381G	74	5.693G	75	5.341G	76	5.351G
77	5.614G	78	5.566G	79	5.422G	80	5.475G
81	5.467G	82	5.386G	83	5.492G	84	5.705G
85	5.504G	86	5.399G	87	5.286G	88	5.610G
89	5.267G	90	5.670G	91	5.646G	92	5.265G
93	5.486G	94	5.635G	95	5.615G	96	5.608G
97	5.633G	98	5.514G	99	5.723G	100	5.372G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.597G	2	5.266G	3	5.337G	4	5.578G
5	5.512G	6	5.712G	7	5.553G	8	5.671G
9	5.628G	10	5.713G	11	5.392G	12	5.346G
13	5.681G	14	5.520G	15	5.356G	16	5.488G
17	5.257G	18	5.393G	19	5.458G	20	5.605G
21	5.297G	22	5.287G	23	5.637G	24	5.710G
25	5.505G	26	5.549G	27	5.455G	28	5.385G
29	5.344G	30	5.402G	31	5.534G	32	5.452G
33	5.404G	34	5.461G	35	5.363G	36	5.322G
37	5.309G	38	5.638G	39	5.299G	40	5.445G
41	5.368G	42	5.288G	43	5.624G	44	5.516G
45	5.298G	46	5.548G	47	5.694G	48	5.685G
49	5.716G	50	5.500G	51	5.618G	52	5.431G
53	5.286G	54	5.547G	55	5.328G	56	5.351G
57	5.595G	58	5.253G	59	5.723G	60	5.350G
61	5.613G	62	5.542G	63	5.325G	64	5.255G
65	5.433G	66	5.469G	67	5.539G	68	5.420G
69	5.487G	70	5.345G	71	5.634G	72	5.483G
73	5.606G	74	5.722G	75	5.399G	76	5.386G
77	5.342G	78	5.459G	79	5.689G	80	5.658G
81	5.599G	82	5.557G	83	5.478G	84	5.477G
85	5.603G	86	5.473G	87	5.410G	88	5.540G
89	5.446G	90	5.443G	91	5.623G	92	5.550G
93	5.616G	94	5.670G	95	5.376G	96	5.341G
97	5.412G	98	5.596G	99	5.693G	100	5.347G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.481G	2	5.267G	3	5.677G	4	5.358G
5	5.424G	6	5.457G	7	5.486G	8	5.285G
9	5.455G	10	5.632G	11	5.637G	12	5.679G
13	5.534G	14	5.651G	15	5.341G	16	5.376G
17	5.580G	18	5.705G	19	5.505G	20	5.438G
21	5.610G	22	5.606G	23	5.682G	24	5.578G
25	5.627G	26	5.674G	27	5.410G	28	5.370G
29	5.631G	30	5.475G	31	5.514G	32	5.694G
33	5.405G	34	5.555G	35	5.659G	36	5.420G
37	5.533G	38	5.575G	39	5.508G	40	5.266G
41	5.471G	42	5.657G	43	5.392G	44	5.339G
45	5.562G	46	5.348G	47	5.497G	48	5.278G
49	5.628G	50	5.643G	51	5.292G	52	5.528G
53	5.595G	54	5.450G	55	5.461G	56	5.387G
57	5.665G	58	5.257G	59	5.454G	60	5.301G
61	5.540G	62	5.571G	63	5.391G	64	5.568G
65	5.343G	66	5.347G	67	5.565G	68	5.718G
69	5.646G	70	5.488G	71	5.608G	72	5.710G
73	5.569G	74	5.377G	75	5.408G	76	5.572G
77	5.626G	78	5.666G	79	5.412G	80	5.284G
81	5.473G	82	5.459G	83	5.402G	84	5.416G
85	5.480G	86	5.525G	87	5.413G	88	5.519G
89	5.375G	90	5.602G	91	5.640G	92	5.478G
93	5.418G	94	5.653G	95	5.681G	96	5.421G
97	5.638G	98	5.714G	99	5.536G	100	5.673G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.585G	2	5.257G	3	5.621G	4	5.720G
5	5.611G	6	5.538G	7	5.556G	8	5.427G
9	5.657G	10	5.628G	11	5.508G	12	5.367G
13	5.291G	14	5.341G	15	5.300G	16	5.485G
17	5.630G	18	5.648G	19	5.697G	20	5.378G
21	5.386G	22	5.711G	23	5.584G	24	5.350G
25	5.365G	26	5.337G	27	5.501G	28	5.272G
29	5.463G	30	5.420G	31	5.668G	32	5.283G
33	5.323G	34	5.640G	35	5.629G	36	5.502G
37	5.612G	38	5.329G	39	5.469G	40	5.701G
41	5.588G	42	5.295G	43	5.418G	44	5.683G
45	5.315G	46	5.573G	47	5.517G	48	5.592G
49	5.387G	50	5.311G	51	5.595G	52	5.580G
53	5.445G	54	5.381G	55	5.318G	56	5.523G
57	5.271G	58	5.705G	59	5.712G	60	5.669G
61	5.715G	62	5.507G	63	5.623G	64	5.491G
65	5.515G	66	5.604G	67	5.267G	68	5.368G
69	5.625G	70	5.714G	71	5.581G	72	5.407G
73	5.665G	74	5.475G	75	5.616G	76	5.276G
77	5.474G	78	5.716G	79	5.423G	80	5.302G
81	5.410G	82	5.496G	83	5.471G	84	5.413G
85	5.339G	86	5.565G	87	5.266G	88	5.352G
89	5.521G	90	5.275G	91	5.652G	92	5.653G
93	5.601G	94	5.593G	95	5.681G	96	5.656G
97	5.476G	98	5.498G	99	5.348G	100	5.446G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.303G	2	5.525G	3	5.524G	4	5.392G
5	5.396G	6	5.518G	7	5.534G	8	5.685G
9	5.573G	10	5.406G	11	5.468G	12	5.389G
13	5.492G	14	5.341G	15	5.585G	16	5.540G
17	5.323G	18	5.653G	19	5.652G	20	5.269G
21	5.460G	22	5.387G	23	5.443G	24	5.424G
25	5.643G	26	5.678G	27	5.312G	28	5.526G
29	5.675G	30	5.626G	31	5.515G	32	5.668G
33	5.495G	34	5.611G	35	5.633G	36	5.408G
37	5.344G	38	5.305G	39	5.493G	40	5.623G
41	5.717G	42	5.411G	43	5.569G	44	5.516G
45	5.478G	46	5.538G	47	5.673G	48	5.255G
49	5.566G	50	5.340G	51	5.512G	52	5.463G
53	5.561G	54	5.661G	55	5.624G	56	5.713G
57	5.256G	58	5.533G	59	5.322G	60	5.503G
61	5.487G	62	5.394G	63	5.638G	64	5.436G
65	5.311G	66	5.635G	67	5.298G	68	5.284G
69	5.375G	70	5.336G	71	5.694G	72	5.456G
73	5.295G	74	5.577G	75	5.605G	76	5.625G
77	5.417G	78	5.592G	79	5.437G	80	5.627G
81	5.629G	82	5.388G	83	5.414G	84	5.264G
85	5.572G	86	5.701G	87	5.360G	88	5.508G
89	5.689G	90	5.266G	91	5.707G	92	5.543G
93	5.671G	94	5.632G	95	5.596G	96	5.407G
97	5.510G	98	5.612G	99	5.337G	100	5.576G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.320G	2	5.569G	3	5.430G	4	5.515G
5	5.378G	6	5.686G	7	5.418G	8	5.682G
9	5.367G	10	5.715G	11	5.444G	12	5.405G
13	5.695G	14	5.421G	15	5.574G	16	5.293G
17	5.266G	18	5.450G	19	5.462G	20	5.524G
21	5.499G	22	5.520G	23	5.455G	24	5.270G
25	5.345G	26	5.560G	27	5.466G	28	5.491G
29	5.498G	30	5.602G	31	5.274G	32	5.550G
33	5.393G	34	5.454G	35	5.268G	36	5.590G
37	5.608G	38	5.424G	39	5.600G	40	5.276G
41	5.305G	42	5.374G	43	5.588G	44	5.662G
45	5.541G	46	5.516G	47	5.463G	48	5.677G
49	5.555G	50	5.540G	51	5.649G	52	5.484G
53	5.639G	54	5.641G	55	5.655G	56	5.316G
57	5.678G	58	5.357G	59	5.547G	60	5.269G
61	5.397G	62	5.318G	63	5.302G	64	5.596G
65	5.411G	66	5.538G	67	5.568G	68	5.626G
69	5.694G	70	5.671G	71	5.323G	72	5.267G
73	5.693G	74	5.643G	75	5.443G	76	5.598G
77	5.502G	78	5.528G	79	5.341G	80	5.445G
81	5.691G	82	5.353G	83	5.368G	84	5.575G
85	5.344G	86	5.440G	87	5.489G	88	5.501G
89	5.292G	90	5.355G	91	5.534G	92	5.642G
93	5.423G	94	5.545G	95	5.470G	96	5.409G
97	5.425G	98	5.612G	99	5.651G	100	5.688G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.679G	2	5.438G	3	5.375G	4	5.447G
5	5.698G	6	5.642G	7	5.366G	8	5.662G
9	5.653G	10	5.250G	11	5.299G	12	5.427G
13	5.303G	14	5.277G	15	5.283G	16	5.574G
17	5.720G	18	5.279G	19	5.455G	20	5.470G
21	5.638G	22	5.639G	23	5.323G	24	5.643G
25	5.619G	26	5.575G	27	5.633G	28	5.710G
29	5.411G	30	5.645G	31	5.712G	32	5.510G
33	5.604G	34	5.680G	35	5.284G	36	5.357G
37	5.397G	38	5.322G	39	5.294G	40	5.681G
41	5.555G	42	5.523G	43	5.591G	44	5.593G
45	5.392G	46	5.342G	47	5.401G	48	5.255G
49	5.363G	50	5.345G	51	5.348G	52	5.281G
53	5.449G	54	5.319G	55	5.671G	56	5.498G
57	5.558G	58	5.350G	59	5.464G	60	5.405G
61	5.717G	62	5.317G	63	5.669G	64	5.526G
65	5.530G	66	5.597G	67	5.329G	68	5.508G
69	5.270G	70	5.552G	71	5.634G	72	5.355G
73	5.646G	74	5.461G	75	5.516G	76	5.380G
77	5.263G	78	5.387G	79	5.306G	80	5.341G
81	5.605G	82	5.606G	83	5.687G	84	5.637G
85	5.362G	86	5.325G	87	5.305G	88	5.326G
89	5.688G	90	5.390G	91	5.477G	92	5.567G
93	5.320G	94	5.651G	95	5.499G	96	5.721G
97	5.296G	98	5.410G	99	5.673G	100	5.586G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.426G	2	5.604G	3	5.396G	4	5.259G
5	5.410G	6	5.543G	7	5.666G	8	5.395G
9	5.569G	10	5.340G	11	5.348G	12	5.690G
13	5.679G	14	5.628G	15	5.515G	16	5.588G
17	5.436G	18	5.547G	19	5.555G	20	5.385G
21	5.456G	22	5.563G	23	5.499G	24	5.573G
25	5.526G	26	5.264G	27	5.521G	28	5.528G
29	5.334G	30	5.363G	31	5.470G	32	5.386G
33	5.275G	34	5.693G	35	5.493G	36	5.427G
37	5.665G	38	5.446G	39	5.681G	40	5.382G
41	5.336G	42	5.416G	43	5.447G	44	5.390G
45	5.278G	46	5.685G	47	5.263G	48	5.342G
49	5.345G	50	5.343G	51	5.497G	52	5.653G
53	5.417G	54	5.309G	55	5.509G	56	5.579G
57	5.441G	58	5.684G	59	5.397G	60	5.341G
61	5.372G	62	5.315G	63	5.554G	64	5.540G
65	5.546G	66	5.268G	67	5.299G	68	5.561G
69	5.317G	70	5.656G	71	5.318G	72	5.703G
73	5.516G	74	5.544G	75	5.454G	76	5.414G
77	5.273G	78	5.574G	79	5.535G	80	5.380G
81	5.457G	82	5.595G	83	5.548G	84	5.466G
85	5.672G	86	5.271G	87	5.486G	88	5.650G
89	5.490G	90	5.699G	91	5.381G	92	5.581G
93	5.276G	94	5.550G	95	5.487G	96	5.402G
97	5.257G	98	5.406G	99	5.323G	100	5.371G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.421G	2	5.452G	3	5.547G	4	5.598G
5	5.335G	6	5.378G	7	5.572G	8	5.279G
9	5.419G	10	5.605G	11	5.553G	12	5.461G
13	5.406G	14	5.397G	15	5.293G	16	5.401G
17	5.435G	18	5.596G	19	5.683G	20	5.352G
21	5.480G	22	5.416G	23	5.575G	24	5.543G
25	5.708G	26	5.449G	27	5.652G	28	5.372G
29	5.661G	30	5.483G	31	5.588G	32	5.315G
33	5.251G	34	5.611G	35	5.667G	36	5.264G
37	5.283G	38	5.339G	39	5.592G	40	5.363G
41	5.629G	42	5.594G	43	5.518G	44	5.674G
45	5.573G	46	5.531G	47	5.323G	48	5.405G
49	5.353G	50	5.617G	51	5.468G	52	5.671G
53	5.695G	54	5.269G	55	5.515G	56	5.580G
57	5.649G	58	5.673G	59	5.299G	60	5.644G
61	5.509G	62	5.650G	63	5.500G	64	5.467G
65	5.344G	66	5.614G	67	5.538G	68	5.622G
69	5.645G	70	5.721G	71	5.368G	72	5.627G
73	5.260G	74	5.620G	75	5.601G	76	5.356G
77	5.413G	78	5.340G	79	5.451G	80	5.697G
81	5.643G	82	5.519G	83	5.444G	84	5.578G
85	5.624G	86	5.556G	87	5.551G	88	5.355G
89	5.677G	90	5.439G	91	5.548G	92	5.338G
93	5.277G	94	5.387G	95	5.252G	96	5.311G
97	5.651G	98	5.599G	99	5.574G	100	5.600G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.487G	2	5.444G	3	5.562G	4	5.715G
5	5.662G	6	5.308G	7	5.379G	8	5.453G
9	5.368G	10	5.629G	11	5.514G	12	5.329G
13	5.538G	14	5.356G	15	5.588G	16	5.391G
17	5.413G	18	5.700G	19	5.381G	20	5.618G
21	5.455G	22	5.558G	23	5.352G	24	5.582G
25	5.283G	26	5.709G	27	5.542G	28	5.394G
29	5.663G	30	5.689G	31	5.288G	32	5.262G
33	5.370G	34	5.371G	35	5.577G	36	5.702G
37	5.299G	38	5.465G	39	5.325G	40	5.503G
41	5.312G	42	5.549G	43	5.451G	44	5.314G
45	5.319G	46	5.274G	47	5.682G	48	5.388G
49	5.546G	50	5.513G	51	5.474G	52	5.713G
53	5.260G	54	5.251G	55	5.722G	56	5.408G
57	5.625G	58	5.392G	59	5.418G	60	5.389G
61	5.492G	62	5.668G	63	5.697G	64	5.482G
65	5.300G	66	5.647G	67	5.599G	68	5.494G
69	5.571G	70	5.348G	71	5.460G	72	5.716G
73	5.551G	74	5.327G	75	5.366G	76	5.509G
77	5.600G	78	5.406G	79	5.622G	80	5.495G
81	5.712G	82	5.404G	83	5.421G	84	5.464G
85	5.393G	86	5.470G	87	5.676G	88	5.617G
89	5.594G	90	5.637G	91	5.425G	92	5.691G
93	5.278G	94	5.410G	95	5.486G	96	5.632G
97	5.653G	98	5.400G	99	5.572G	100	5.426G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.329G	2	5.351G	3	5.639G	4	5.713G
5	5.256G	6	5.715G	7	5.672G	8	5.430G
9	5.291G	10	5.665G	11	5.459G	12	5.427G
13	5.693G	14	5.462G	15	5.571G	16	5.573G
17	5.474G	18	5.262G	19	5.596G	20	5.287G
21	5.327G	22	5.341G	23	5.326G	24	5.701G
25	5.457G	26	5.576G	27	5.681G	28	5.620G
29	5.325G	30	5.671G	31	5.543G	32	5.720G
33	5.521G	34	5.360G	35	5.485G	36	5.509G
37	5.408G	38	5.334G	39	5.555G	40	5.315G
41	5.417G	42	5.694G	43	5.623G	44	5.654G
45	5.253G	46	5.499G	47	5.544G	48	5.293G
49	5.708G	50	5.372G	51	5.366G	52	5.520G
53	5.302G	54	5.711G	55	5.590G	56	5.477G
57	5.349G	58	5.712G	59	5.305G	60	5.281G
61	5.383G	62	5.467G	63	5.397G	64	5.388G
65	5.527G	66	5.540G	67	5.651G	68	5.511G
69	5.386G	70	5.370G	71	5.580G	72	5.517G
73	5.684G	74	5.519G	75	5.435G	76	5.444G
77	5.535G	78	5.298G	79	5.699G	80	5.554G
81	5.514G	82	5.319G	83	5.473G	84	5.348G
85	5.705G	86	5.594G	87	5.323G	88	5.484G
89	5.506G	90	5.714G	91	5.411G	92	5.359G
93	5.421G	94	5.487G	95	5.258G	96	5.312G
97	5.491G	98	5.269G	99	5.320G	100	5.641G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.288G	2	5.291G	3	5.457G	4	5.252G
5	5.596G	6	5.598G	7	5.306G	8	5.434G
9	5.633G	10	5.625G	11	5.374G	12	5.477G
13	5.684G	14	5.272G	15	5.664G	16	5.441G
17	5.399G	18	5.586G	19	5.261G	20	5.656G
21	5.621G	22	5.373G	23	5.280G	24	5.376G
25	5.349G	26	5.530G	27	5.632G	28	5.348G
29	5.333G	30	5.618G	31	5.391G	32	5.283G
33	5.265G	34	5.273G	35	5.594G	36	5.440G
37	5.548G	38	5.651G	39	5.724G	40	5.584G
41	5.676G	42	5.682G	43	5.506G	44	5.294G
45	5.679G	46	5.323G	47	5.649G	48	5.497G
49	5.361G	50	5.337G	51	5.286G	52	5.268G
53	5.524G	54	5.513G	55	5.257G	56	5.300G
57	5.697G	58	5.504G	59	5.492G	60	5.607G
61	5.525G	62	5.377G	63	5.432G	64	5.310G
65	5.320G	66	5.661G	67	5.250G	68	5.493G
69	5.593G	70	5.346G	71	5.456G	72	5.307G
73	5.368G	74	5.281G	75	5.636G	76	5.382G
77	5.540G	78	5.538G	79	5.502G	80	5.573G
81	5.692G	82	5.445G	83	5.590G	84	5.370G
85	5.570G	86	5.439G	87	5.654G	88	5.443G
89	5.352G	90	5.581G	91	5.295G	92	5.681G
93	5.322G	94	5.680G	95	5.327G	96	5.561G
97	5.345G	98	5.550G	99	5.356G	100	5.609G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.269G	2	5.285G	3	5.400G	4	5.637G
5	5.564G	6	5.523G	7	5.255G	8	5.461G
9	5.563G	10	5.552G	11	5.625G	12	5.421G
13	5.531G	14	5.695G	15	5.271G	16	5.590G
17	5.484G	18	5.456G	19	5.352G	20	5.409G
21	5.672G	22	5.459G	23	5.292G	24	5.359G
25	5.486G	26	5.422G	27	5.650G	28	5.407G
29	5.633G	30	5.532G	31	5.720G	32	5.493G
33	5.357G	34	5.439G	35	5.472G	36	5.628G
37	5.442G	38	5.668G	39	5.343G	40	5.638G
41	5.466G	42	5.470G	43	5.585G	44	5.611G
45	5.471G	46	5.524G	47	5.307G	48	5.441G
49	5.398G	50	5.529G	51	5.545G	52	5.325G
53	5.641G	54	5.688G	55	5.657G	56	5.429G
57	5.302G	58	5.719G	59	5.687G	60	5.494G
61	5.328G	62	5.397G	63	5.475G	64	5.626G
65	5.693G	66	5.265G	67	5.608G	68	5.337G
69	5.485G	70	5.703G	71	5.554G	72	5.294G
73	5.505G	74	5.314G	75	5.324G	76	5.405G
77	5.355G	78	5.389G	79	5.649G	80	5.620G
81	5.259G	82	5.566G	83	5.645G	84	5.701G
85	5.510G	86	5.370G	87	5.539G	88	5.423G
89	5.342G	90	5.609G	91	5.384G	92	5.629G
93	5.369G	94	5.613G	95	5.718G	96	5.381G
97	5.424G	98	5.578G	99	5.568G	100	5.427G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.576G	2	5.614G	3	5.255G	4	5.381G
5	5.450G	6	5.715G	7	5.545G	8	5.517G
9	5.647G	10	5.317G	11	5.546G	12	5.375G
13	5.530G	14	5.439G	15	5.344G	16	5.541G
17	5.323G	18	5.513G	19	5.480G	20	5.586G
21	5.300G	22	5.565G	23	5.341G	24	5.472G
25	5.283G	26	5.524G	27	5.307G	28	5.284G
29	5.388G	30	5.583G	31	5.663G	32	5.332G
33	5.484G	34	5.362G	35	5.658G	36	5.295G
37	5.446G	38	5.491G	39	5.441G	40	5.570G
41	5.351G	42	5.533G	43	5.349G	44	5.655G
45	5.563G	46	5.638G	47	5.613G	48	5.646G
49	5.285G	50	5.696G	51	5.417G	52	5.358G
53	5.703G	54	5.669G	55	5.662G	56	5.713G
57	5.335G	58	5.321G	59	5.438G	60	5.355G
61	5.628G	62	5.412G	63	5.700G	64	5.674G
65	5.536G	66	5.334G	67	5.626G	68	5.465G
69	5.310G	70	5.518G	71	5.282G	72	5.551G
73	5.585G	74	5.548G	75	5.680G	76	5.376G
77	5.338G	78	5.440G	79	5.266G	80	5.648G
81	5.516G	82	5.468G	83	5.644G	84	5.414G
85	5.579G	86	5.393G	87	5.643G	88	5.537G
89	5.487G	90	5.592G	91	5.590G	92	5.423G
93	5.430G	94	5.288G	95	5.387G	96	5.636G
97	5.456G	98	5.508G	99	5.359G	100	5.425G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.650G	2	5.457G	3	5.366G	4	5.672G
5	5.654G	6	5.255G	7	5.381G	8	5.432G
9	5.701G	10	5.639G	11	5.310G	12	5.598G
13	5.405G	14	5.576G	15	5.464G	16	5.529G
17	5.659G	18	5.278G	19	5.251G	20	5.525G
21	5.530G	22	5.528G	23	5.567G	24	5.486G
25	5.394G	26	5.690G	27	5.713G	28	5.315G
29	5.533G	30	5.614G	31	5.623G	32	5.395G
33	5.620G	34	5.308G	35	5.379G	36	5.281G
37	5.677G	38	5.304G	39	5.537G	40	5.364G
41	5.352G	42	5.339G	43	5.284G	44	5.456G
45	5.626G	46	5.632G	47	5.287G	48	5.592G
49	5.452G	50	5.470G	51	5.329G	52	5.388G
53	5.356G	54	5.585G	55	5.593G	56	5.283G
57	5.603G	58	5.361G	59	5.408G	60	5.717G
61	5.404G	62	5.298G	63	5.347G	64	5.332G
65	5.412G	66	5.697G	67	5.674G	68	5.263G
69	5.499G	70	5.372G	71	5.676G	72	5.609G
73	5.619G	74	5.468G	75	5.692G	76	5.577G
77	5.578G	78	5.268G	79	5.428G	80	5.552G
81	5.413G	82	5.482G	83	5.579G	84	5.662G
85	5.621G	86	5.572G	87	5.682G	88	5.625G
89	5.644G	90	5.279G	91	5.253G	92	5.652G
93	5.678G	94	5.360G	95	5.627G	96	5.270G
97	5.721G	98	5.261G	99	5.497G	100	5.441G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.564G	2	5.702G	3	5.585G	4	5.465G
5	5.407G	6	5.670G	7	5.522G	8	5.466G
9	5.628G	10	5.659G	11	5.485G	12	5.704G
13	5.640G	14	5.367G	15	5.510G	16	5.722G
17	5.412G	18	5.355G	19	5.430G	20	5.549G
21	5.361G	22	5.329G	23	5.389G	24	5.587G
25	5.621G	26	5.720G	27	5.451G	28	5.320G
29	5.321G	30	5.424G	31	5.508G	32	5.618G
33	5.278G	34	5.556G	35	5.387G	36	5.374G
37	5.562G	38	5.553G	39	5.470G	40	5.276G
41	5.457G	42	5.439G	43	5.711G	44	5.518G
45	5.458G	46	5.513G	47	5.500G	48	5.376G
49	5.402G	50	5.447G	51	5.669G	52	5.524G
53	5.400G	54	5.515G	55	5.625G	56	5.652G
57	5.449G	58	5.301G	59	5.484G	60	5.529G
61	5.541G	62	5.333G	63	5.255G	64	5.354G
65	5.695G	66	5.365G	67	5.701G	68	5.494G
69	5.646G	70	5.454G	71	5.613G	72	5.721G
73	5.595G	74	5.688G	75	5.690G	76	5.487G
77	5.415G	78	5.428G	79	5.548G	80	5.591G
81	5.277G	82	5.496G	83	5.323G	84	5.302G
85	5.719G	86	5.298G	87	5.299G	88	5.614G
89	5.405G	90	5.497G	91	5.563G	92	5.291G
93	5.724G	94	5.483G	95	5.271G	96	5.297G
97	5.559G	98	5.311G	99	5.426G	100	5.360G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.336G	2	5.277G	3	5.619G	4	5.303G
5	5.685G	6	5.545G	7	5.356G	8	5.341G
9	5.471G	10	5.533G	11	5.724G	12	5.716G
13	5.267G	14	5.495G	15	5.253G	16	5.460G
17	5.600G	18	5.279G	19	5.333G	20	5.335G
21	5.566G	22	5.384G	23	5.718G	24	5.616G
25	5.598G	26	5.588G	27	5.722G	28	5.591G
29	5.621G	30	5.475G	31	5.366G	32	5.692G
33	5.681G	34	5.306G	35	5.595G	36	5.594G
37	5.673G	38	5.291G	39	5.400G	40	5.269G
41	5.426G	42	5.491G	43	5.281G	44	5.395G
45	5.515G	46	5.288G	47	5.519G	48	5.334G
49	5.711G	50	5.550G	51	5.464G	52	5.525G
53	5.377G	54	5.265G	55	5.452G	56	5.596G
57	5.297G	58	5.305G	59	5.565G	60	5.579G
61	5.345G	62	5.703G	63	5.719G	64	5.298G
65	5.541G	66	5.456G	67	5.282G	68	5.645G
69	5.421G	70	5.357G	71	5.351G	72	5.431G
73	5.674G	74	5.449G	75	5.576G	76	5.539G
77	5.264G	78	5.257G	79	5.439G	80	5.562G
81	5.493G	82	5.642G	83	5.668G	84	5.477G
85	5.450G	86	5.311G	87	5.544G	88	5.707G
89	5.402G	90	5.567G	91	5.442G	92	5.343G
93	5.720G	94	5.397G	95	5.665G	96	5.582G
97	5.405G	98	5.467G	99	5.444G	100	5.693G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.474G	2	5.271G	3	5.495G	4	5.592G
5	5.560G	6	5.447G	7	5.713G	8	5.561G
9	5.389G	10	5.526G	11	5.400G	12	5.715G
13	5.672G	14	5.388G	15	5.450G	16	5.325G
17	5.706G	18	5.556G	19	5.621G	20	5.522G
21	5.532G	22	5.357G	23	5.587G	24	5.258G
25	5.435G	26	5.329G	27	5.716G	28	5.571G
29	5.344G	30	5.250G	31	5.649G	32	5.639G
33	5.611G	34	5.466G	35	5.612G	36	5.274G
37	5.263G	38	5.539G	39	5.434G	40	5.645G
41	5.615G	42	5.572G	43	5.574G	44	5.549G
45	5.420G	46	5.646G	47	5.501G	48	5.402G
49	5.453G	50	5.320G	51	5.674G	52	5.491G
53	5.683G	54	5.700G	55	5.607G	56	5.441G
57	5.625G	58	5.464G	59	5.699G	60	5.490G
61	5.265G	62	5.719G	63	5.470G	64	5.494G
65	5.302G	66	5.391G	67	5.541G	68	5.641G
69	5.338G	70	5.722G	71	5.475G	72	5.295G
73	5.352G	74	5.692G	75	5.583G	76	5.529G
77	5.665G	78	5.603G	79	5.423G	80	5.465G
81	5.487G	82	5.415G	83	5.381G	84	5.354G
85	5.624G	86	5.502G	87	5.533G	88	5.688G
89	5.375G	90	5.272G	91	5.622G	92	5.437G
93	5.499G	94	5.714G	95	5.578G	96	5.576G
97	5.278G	98	5.513G	99	5.419G	100	5.383G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.668G	2	5.412G	3	5.577G	4	5.421G
5	5.372G	6	5.376G	7	5.363G	8	5.645G
9	5.696G	10	5.596G	11	5.650G	12	5.587G
13	5.306G	14	5.691G	15	5.341G	16	5.256G
17	5.399G	18	5.429G	19	5.392G	20	5.632G
21	5.263G	22	5.466G	23	5.567G	24	5.265G
25	5.522G	26	5.661G	27	5.700G	28	5.511G
29	5.536G	30	5.326G	31	5.709G	32	5.695G
33	5.669G	34	5.523G	35	5.582G	36	5.580G
37	5.550G	38	5.277G	39	5.285G	40	5.557G
41	5.574G	42	5.461G	43	5.425G	44	5.551G
45	5.608G	46	5.261G	47	5.317G	48	5.260G
49	5.439G	50	5.562G	51	5.324G	52	5.414G
53	5.527G	54	5.497G	55	5.686G	56	5.259G
57	5.664G	58	5.590G	59	5.478G	60	5.404G
61	5.589G	62	5.607G	63	5.481G	64	5.689G
65	5.389G	66	5.640G	67	5.720G	68	5.697G
69	5.402G	70	5.452G	71	5.313G	72	5.717G
73	5.257G	74	5.287G	75	5.534G	76	5.553G
77	5.304G	78	5.684G	79	5.374G	80	5.390G
81	5.441G	82	5.506G	83	5.444G	84	5.329G
85	5.250G	86	5.503G	87	5.588G	88	5.442G
89	5.611G	90	5.561G	91	5.406G	92	5.663G
93	5.297G	94	5.619G	95	5.405G	96	5.677G
97	5.501G	98	5.508G	99	5.262G	100	5.474G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.649G	3	5.482G	4	5.315G
5	5.443G	6	5.285G	7	5.390G	8	5.326G
9	5.654G	10	5.581G	11	5.263G	12	5.687G
13	5.679G	14	5.486G	15	5.279G	16	5.680G
17	5.387G	18	5.608G	19	5.487G	20	5.724G
21	5.683G	22	5.430G	23	5.436G	24	5.320G
25	5.281G	26	5.257G	27	5.539G	28	5.255G
29	5.622G	30	5.359G	31	5.251G	32	5.418G
33	5.456G	34	5.569G	35	5.628G	36	5.643G
37	5.301G	38	5.488G	39	5.338G	40	5.584G
41	5.685G	42	5.503G	43	5.411G	44	5.697G
45	5.574G	46	5.558G	47	5.468G	48	5.355G
49	5.478G	50	5.549G	51	5.283G	52	5.648G
53	5.695G	54	5.371G	55	5.304G	56	5.705G
57	5.722G	58	5.349G	59	5.453G	60	5.591G
61	5.678G	62	5.401G	63	5.284G	64	5.481G
65	5.381G	66	5.644G	67	5.422G	68	5.590G
69	5.547G	70	5.458G	71	5.274G	72	5.446G
73	5.523G	74	5.391G	75	5.719G	76	5.296G
77	5.521G	78	5.286G	79	5.435G	80	5.336G
81	5.619G	82	5.668G	83	5.565G	84	5.343G
85	5.434G	86	5.356G	87	5.374G	88	5.278G
89	5.449G	90	5.660G	91	5.544G	92	5.363G
93	5.604G	94	5.314G	95	5.499G	96	5.531G
97	5.322G	98	5.347G	99	5.675G	100	5.273G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.587G	2	5.271G	3	5.622G	4	5.676G
5	5.627G	6	5.604G	7	5.309G	8	5.666G
9	5.449G	10	5.613G	11	5.340G	12	5.579G
13	5.372G	14	5.263G	15	5.252G	16	5.665G
17	5.568G	18	5.386G	19	5.639G	20	5.480G
21	5.251G	22	5.270G	23	5.614G	24	5.698G
25	5.549G	26	5.451G	27	5.335G	28	5.685G
29	5.464G	30	5.424G	31	5.291G	32	5.400G
33	5.555G	34	5.530G	35	5.510G	36	5.278G
37	5.257G	38	5.595G	39	5.724G	40	5.645G
41	5.675G	42	5.317G	43	5.695G	44	5.722G
45	5.277G	46	5.522G	47	5.686G	48	5.597G
49	5.588G	50	5.517G	51	5.518G	52	5.707G
53	5.431G	54	5.364G	55	5.542G	56	5.513G
57	5.322G	58	5.405G	59	5.402G	60	5.560G
61	5.677G	62	5.492G	63	5.446G	64	5.268G
65	5.717G	66	5.459G	67	5.357G	68	5.655G
69	5.650G	70	5.314G	71	5.688G	72	5.528G
73	5.535G	74	5.715G	75	5.380G	76	5.648G
77	5.556G	78	5.531G	79	5.616G	80	5.586G
81	5.612G	82	5.435G	83	5.656G	84	5.659G
85	5.546G	86	5.407G	87	5.346G	88	5.516G
89	5.623G	90	5.634G	91	5.325G	92	5.420G
93	5.720G	94	5.558G	95	5.478G	96	5.644G
97	5.311G	98	5.607G	99	5.273G	100	5.444G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.490G	2	5.296G	3	5.458G	4	5.553G
5	5.430G	6	5.516G	7	5.414G	8	5.618G
9	5.521G	10	5.544G	11	5.721G	12	5.438G
13	5.311G	14	5.677G	15	5.386G	16	5.382G
17	5.600G	18	5.446G	19	5.549G	20	5.422G
21	5.291G	22	5.581G	23	5.316G	24	5.359G
25	5.637G	26	5.588G	27	5.612G	28	5.288G
29	5.455G	30	5.541G	31	5.385G	32	5.557G
33	5.413G	34	5.701G	35	5.515G	36	5.254G
37	5.459G	38	5.714G	39	5.502G	40	5.528G
41	5.536G	42	5.260G	43	5.614G	44	5.451G
45	5.663G	46	5.532G	47	5.273G	48	5.482G
49	5.689G	50	5.326G	51	5.578G	52	5.537G
53	5.266G	54	5.387G	55	5.299G	56	5.513G
57	5.355G	58	5.297G	59	5.569G	60	5.262G
61	5.699G	62	5.551G	63	5.648G	64	5.679G
65	5.389G	66	5.607G	67	5.450G	68	5.421G
69	5.571G	70	5.629G	71	5.345G	72	5.623G
73	5.380G	74	5.643G	75	5.656G	76	5.500G
77	5.664G	78	5.550G	79	5.554G	80	5.269G
81	5.435G	82	5.442G	83	5.715G	84	5.284G
85	5.277G	86	5.582G	87	5.460G	88	5.412G
89	5.638G	90	5.354G	91	5.265G	92	5.323G
93	5.585G	94	5.539G	95	5.711G	96	5.390G
97	5.697G	98	5.619G	99	5.552G	100	5.650G

IEEE 802.11ac VHT80**Type 1 Radar Statistical Performances**

Trial #	Pulse Repetition Frequency Number(1 to 23)	PRF(Pulse per seconds)	Pulses per Burst	PRI (μsec)	Radar Frequency (MHz)	Detection
1	1	1930.5	102	518.0	5492	No
2	2	1858.7	99	538.0	5553	Yes
3	3	1792.1	95	558.0	5494	Yes
4	4	1730.1	92	578.0	5507	Yes
5	5	1672.2	89	598.0	5544	Yes
6	6	1618.1	86	618.0	5563	Yes
7	7	1567.4	83	638.0	5567	Yes
8	8	1519.8	81	658.0	5513	Yes
9	9	1474.9	78	678.0	5554	Yes
10	10	1432.7	76	698.0	5523	Yes
11	11	1392.8	74	718.0	5511	Yes
12	12	1355	72	738.0	5563	Yes
13	13	1319.3	70	758.0	5506	Yes
14	14	1285.3	68	778.0	5542	Yes
15	15	1253.1	67	798.0	5558	Yes
16		1317.5	70	759.0	5510	Yes
17		1112.3	58	899.0	5508	Yes
18		1280.4	68	781.0	5543	Yes
19		1109.9	59	901.0	5535	Yes
20		1215.1	65	823.0	5510	Yes
21		1060.4	56	943.0	5520	Yes
22		1307.2	69	765.0	5496	Yes
23		1081.1	58	925.0	5563	Yes
24		499.5	27	2002	5510	Yes
25		1594.9	85	627.0	5545	Yes
26		1236.1	66	809.0	5560	Yes
27		1122.3	60	891.0	5552	Yes
28		1200.5	64	833.0	5549	Yes
29		1117.3	59	895.0	5542	Yes
30		1166.9	62	857.0	5494	Yes

Detection Rate: 96.67 %

Type 2 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	26	4.5	178.0	5518	No
2	28	2.4	183.0	5568	Yes
3	25	3.0	208.0	5566	Yes
4	26	3.5	157.0	5497	Yes
5	26	3.1	189.0	5495	No
6	29	2.9	176.0	5498	Yes
7	28	3.5	177.0	5495	Yes
8	27	4.3	211.0	5536	Yes
9	28	3.7	168.0	5528	Yes
10	26	2.7	181.0	5545	Yes
11	23	2.7	217.0	5523	Yes
12	27	3.8	225.0	5533	Yes
13	26	2.0	216.0	5550	Yes
14	25	4.3	164.0	5544	Yes
15	29	4.3	170.0	5496	Yes
16	28	4.9	180.0	5536	Yes
17	29	2.1	196.0	5543	No
18	28	4.5	207.0	5546	Yes
19	25	4.4	157.0	5560	Yes
20	26	2.6	212.0	5527	Yes
21	29	3.9	184.0	5567	Yes
22	26	3.9	197.0	5515	Yes
23	25	4.6	157.0	5499	Yes
24	28	1.3	175.0	5535	Yes
25	26	1.9	212.0	5567	Yes
26	26	3.1	191.0	5549	No
27	29	3.6	174.0	5517	Yes
28	25	4.0	174.0	5500	Yes
29	27	2.5	197.0	5556	Yes
30	27	3.2	226.0	5563	Yes
Detection Rate: 86.67 %					

Type 3 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	16	7.5	305.0	5553	No
2	16	9.7	274.0	5524	Yes
3	17	7.6	422.0	5520	Yes
4	17	7.4	436.0	5547	Yes
5	17	8.7	460.0	5532	Yes
6	17	9.0	389.0	5538	Yes
7	17	8.3	381.0	5536	Yes
8	17	6.8	273.0	5523	Yes
9	17	9.4	346.0	5558	No
10	16	8.1	342.0	5508	Yes
11	17	9.8	497.0	5525	Yes
12	18	6.6	254.0	5496	Yes
13	17	9.7	384.0	5523	Yes
14	17	7.6	243.0	5495	Yes
15	18	7.5	348.0	5526	Yes
16	16	6.9	284.0	5555	Yes
17	17	8.0	272.0	5556	Yes
18	17	8.8	395.0	5507	No
19	17	7.5	453.0	5542	Yes
20	18	7.7	263.0	5540	Yes
21	17	9.1	384.0	5508	Yes
22	17	8.2	226.0	5507	Yes
23	17	6.7	474.0	5561	Yes
24	16	8.5	429.0	5538	No
25	16	7.3	301.0	5555	Yes
26	18	9.3	375.0	5508	Yes
27	18	8.5	254.0	5553	Yes
28	16	9.2	428.0	5513	Yes
29	17	8.5	318.0	5538	Yes
30	17	9.6	271.0	5565	Yes
Detection Rate: 86.67 %					

Type 4 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width (μsec)	PRI (μsec)	Radar Frequency (MHz)	Detection
1	14	16.1	359.0	5521	No
2	12	19.9	419.0	5566	Yes
3	15	19.1	300.0	5541	Yes
4	12	16.5	497.0	5509	Yes
5	16	11.5	347.0	5555	Yes
6	15	17.7	333.0	5522	Yes
7	15	13.0	396.0	5512	Yes
8	16	12.4	326.0	5518	Yes
9	14	17.7	309.0	5544	No
10	14	17.9	416.0	5507	Yes
11	14	14.4	441.0	5518	Yes
12	14	11.4	305.0	5502	Yes
13	13	17.2	203.0	5522	Yes
14	16	16.1	371.0	5549	Yes
15	15	19.9	204.0	5539	Yes
16	12	12.8	444.0	5506	Yes
17	15	15.6	415.0	5558	Yes
18	14	19.7	321.0	5559	No
19	14	19.9	499.0	5567	Yes
20	13	13.1	438.0	5551	Yes
21	15	16.6	432.0	5518	Yes
22	13	18.1	351.0	5507	Yes
23	16	18.6	382.0	5543	Yes
24	15	19.2	484.0	5535	Yes
25	16	15.7	496.0	5522	Yes
26	15	13.7	368.0	5522	Yes
27	13	17.7	311.0	5543	Yes
28	13	13.8	368.0	5497	No
29	13	19.1	404.0	5544	Yes
30	13	15.2	226.0	5562	No
Detection Rate: 83.33 %					

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
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	No
11	LP_Signal_11	Yes
12	LP_Signal_12	No
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	No
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: 90.0 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
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	2	20M	89.8u	958.2u	-	146.9m
2	3	20M	93.1u	1.680m	1.399m	602.2m
3	3	20M	99.9u	1.412m	1.104m	382.3m
4	3	20M	81.3u	1.361m	1.357m	826.3m
5	2	20M	58.9u	1.882m	-	678.3m
6	2	20M	62.6u	1.115m	-	41.22m
7	1	20M	59.4u	-	-	168.2m
8	2	20M	58.4u	1.786m	-	810.7m
9	3	20M	93.1u	1.298m	1.212m	651.9m
10	2	20M	50.6u	1.849m	-	168.0m
11	2	20M	82.1u	1.866m	-	296.7m
12	2	20M	89.9u	1.635m	-	266.2m
13	1	20M	92.5u	-	-	540.8m
14	3	20M	92.9u	1.003m	1.034m	233.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 10						
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	20M	78.6u	1.551m	-	833.2m
2	2	20M	51.6u	990.4u	-	825.2m
3	2	20M	86.8u	1.097m	-	809.6m
4	1	20M	60.5u	-	-	792.9m
5	2	20M	54.9u	1.783m	-	491.4m
6	2	20M	75.7u	1.245m	-	717.7m
7	2	20M	55.0u	1.513m	-	1.155
8	2	20M	79.2u	955.8u	-	118.6m
9	1	20M	56.4u	-	-	881.1m
10	1	20M	97.7u	-	-	978.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 16						
Chrip Center Frequency: 5560MHz						
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	20M	98.1u	1.220m	-	507.2m
2	2	20M	73.5u	1.910m	-	227.2m
3	2	20M	98.2u	1.506m	-	631.2m
4	3	20M	97.9u	1.595m	1.851m	164.0m
5	1	20M	92.9u	-	-	45.06m
6	2	20M	76.6u	1.260m	-	601.8m
7	2	20M	68.1u	1.217m	-	342.9m
8	1	20M	53.3u	-	-	86.38m
9	2	20M	58.0u	978.0u	-	75.50m
10	1	20M	66.6u	-	-	328.5m
11	3	20M	69.0u	1.388m	1.330m	707.6m
12	2	20M	68.3u	1.450m	-	328.0m
13	3	20M	99.1u	1.752m	1.303m	426.0m
14	1	20M	94.8u	-	-	632.9m
15	1	20M	99.7u	-	-	169.8m
16	1	20M	51.5u	-	-	455.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 10						
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	19M	91.4u	-	-	1.193
2	2	19M	59.0u	1.416m	-	691.9m
3	3	19M	75.5u	1.576m	1.710m	949.0m
4	3	19M	57.2u	1.495m	1.274m	98.67m
5	2	19M	86.9u	1.499m	-	1.077
6	3	19M	59.2u	1.913m	1.856m	327.0m
7	1	19M	79.4u	-	-	681.2m
8	3	19M	98.1u	1.764m	1.499m	780.6m
9	2	19M	79.1u	1.785m	-	22.12m
10	3	19M	75.5u	1.187m	1.373m	229.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 17						
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	19M	78.0u	1.167m	-	269.8m
2	3	19M	82.8u	1.545m	1.544m	640.4m
3	2	19M	73.0u	1.679m	-	88.41m
4	2	19M	67.7u	1.793m	-	557.7m
5	2	19M	55.9u	1.359m	-	651.0m
6	2	19M	92.9u	1.029m	-	485.5m
7	3	19M	70.2u	1.756m	1.342m	179.1m
8	1	19M	55.1u	-	-	407.5m
9	3	19M	67.9u	1.910m	1.250m	285.0m
10	1	19M	50.3u	-	-	147.8m
11	3	19M	50.3u	1.543m	1.185m	550.6m
12	3	19M	93.9u	1.670m	1.112m	207.5m
13	3	19M	54.3u	1.260m	1.333m	689.3m
14	1	19M	73.3u	-	-	595.0m
15	2	19M	86.5u	1.506m	-	78.29m
16	3	19M	53.8u	1.088m	1.261m	105.6m
17	2	19M	89.3u	1.368m	-	145.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 14						
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	19M	67.6u	-	-	427.1m
2	3	19M	50.6u	1.837m	1.055m	555.1m
3	3	19M	85.6u	1.235m	1.528m	634.4m
4	2	19M	86.1u	1.840m	-	450.0m
5	3	19M	86.2u	1.479m	1.558m	822.9m
6	2	19M	78.9u	1.527m	-	377.6m
7	3	19M	74.4u	1.434m	1.228m	598.2m
8	2	19M	96.0u	926.0u	-	716.7m
9	1	19M	97.3u	-	-	830.9m

10	2	19M	81.9u	964.1u	-	385.6m
11	2	19M	83.5u	1.210m	-	149.9m
12	1	19M	83.2u	-	-	346.0m
13	3	19M	68.3u	1.558m	1.483m	131.2m
14	3	19M	83.6u	1.828m	1.506m	575.7m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 12

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	17M	93.4u	1.791m	-	467.1m
2	2	17M	53.0u	1.331m	-	100.2m
3	2	17M	63.1u	1.017m	-	444.6m
4	2	17M	66.4u	1.835m	-	765.4m
5	2	17M	54.8u	1.828m	-	810.6m
6	3	17M	99.5u	974.5u	1.850m	833.5m
7	1	17M	94.7u	-	-	898.3m
8	3	17M	51.2u	1.184m	1.832m	783.4m
9	3	17M	87.4u	1.279m	1.661m	145.4m
10	3	17M	60.8u	1.353m	1.908m	109.4m
11	2	17M	81.3u	1.689m	-	467.0m
12	2	17M	65.6u	957.4u	-	612.4m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 11

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	17M	74.8u	1.336m	-	732.2m
2	2	17M	64.1u	1.818m	-	719.3m
3	3	17M	98.6u	1.137m	1.023m	239.8m
4	3	17M	65.3u	1.927m	1.272m	816.3m
5	3	17M	93.8u	956.2u	1.471m	59.23m
6	2	17M	90.7u	1.479m	-	258.2m
7	3	17M	88.4u	1.449m	1.878m	326.8m
8	1	17M	65.2u	-	-	922.6m
9	3	17M	80.1u	1.304m	1.086m	879.3m

10	1	17M	98.6u	-	-	108.0m
11	1	17M	90.8u	-	-	26.15m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 13

Chrip Center Frequency: 5562MHz

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	17M	95.6u	1.309m	-	798.4m
2	2	17M	89.4u	1.847m	-	293.0m
3	2	17M	53.8u	1.798m	-	916.5m
4	1	17M	57.0u	-	-	912.5m
5	2	17M	73.3u	984.7u	-	502.7m
6	2	17M	78.4u	1.529m	-	428.2m
7	2	17M	69.4u	1.479m	-	250.3m
8	2	17M	70.0u	1.557m	-	822.3m
9	3	17M	66.9u	1.078m	952.1u	814.9m
10	3	17M	83.6u	1.564m	1.482m	788.7m
11	2	17M	51.3u	1.508m	-	757.3m
12	2	17M	52.7u	1.562m	-	875.4m
13	3	17M	64.5u	961.5u	1.073m	611.6m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_10

Number of Bursts in Trial: 14

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	3	16M	69.8u	1.702m	1.444m	776.7m
2	2	16M	53.6u	1.727m	-	498.2m
3	2	16M	72.0u	1.025m	-	678.6m
4	1	16M	50.6u	-	-	800.9m
5	3	16M	79.7u	1.131m	1.095m	388.8m
6	2	16M	84.9u	1.822m	-	826.7m
7	1	16M	93.4u	-	-	488.9m
8	1	16M	78.3u	-	-	35.96m
9	2	16M	74.9u	972.1u	-	670.6m
10	1	16M	75.0u	-	-	533.6m
11	1	16M	82.9u	-	-	641.5m

12	2	16M	70.5u	1.244m	-	781.7m
13	1	16M	65.0u	-	-	661.2m
14	1	16M	97.7u	-	-	583.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 20

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	3	16M	98.2u	1.077m	1.585m	592.3m
2	1	16M	79.3u	-	-	162.3m
3	2	16M	77.2u	1.088m	-	375.3m
4	2	16M	81.1u	1.530m	-	302.2m
5	3	16M	74.2u	1.573m	1.596m	49.31m
6	3	16M	97.4u	1.523m	1.198m	319.5m
7	2	16M	51.2u	1.709m	-	416.9m
8	2	16M	66.0u	1.111m	-	371.6m
9	3	16M	62.6u	1.384m	943.4u	70.93m
10	2	16M	56.2u	1.075m	-	33.71m
11	3	16M	59.4u	1.155m	1.871m	552.0m
12	2	16M	65.3u	1.262m	-	556.8m
13	2	16M	80.9u	1.317m	-	441.0m
14	3	16M	69.9u	1.450m	1.540m	346.3m
15	1	16M	62.1u	-	-	104.6m
16	3	16M	95.2u	1.573m	1.376m	413.7m
17	2	16M	63.6u	1.451m	-	489.3m
18	2	16M	77.5u	1.642m	-	286.8m
19	1	16M	69.7u	-	-	370.6m
20	2	16M	59.4u	1.193m	-	372.9m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 8

Chrip Center Frequency: 5562MHz

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	60.1u	-	-	1.305
2	2	16M	50.8u	1.841m	-	850.3m
3	2	16M	92.3u	1.903m	-	398.7m

4	3	16M	90.8u	1.401m	1.615m	1.182
5	2	16M	67.1u	1.706m	-	141.8m
6	1	16M	66.1u	-	-	810.1m
7	1	16M	77.5u	-	-	1.030
8	2	16M	97.7u	1.543m	-	749.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_13

Number of Bursts in Trial: 10

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	15M	94.0u	1.223m	-	602.5m
2	1	15M	72.8u	-	-	973.3m
3	1	15M	53.8u	-	-	901.9m
4	2	15M	62.4u	1.292m	-	937.5m
5	2	15M	78.8u	1.014m	-	731.3m
6	2	15M	93.5u	1.149m	-	20.15m
7	1	15M	61.8u	-	-	620.4m
8	3	15M	82.0u	1.788m	1.001m	82.34m
9	1	15M	63.6u	-	-	891.7m
10	2	15M	76.7u	1.229m	-	49.96m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 20

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	15M	70.8u	1.746m	-	81.59m
2	3	15M	65.8u	1.243m	1.450m	557.5m
3	1	15M	52.5u	-	-	505.5m
4	1	15M	51.0u	-	-	519.6m
5	2	15M	75.9u	1.810m	-	574.1m
6	2	15M	91.9u	1.784m	-	380.9m
7	2	15M	88.6u	1.640m	-	477.1m
8	1	15M	96.4u	-	-	444.6m
9	1	15M	87.0u	-	-	71.47m
10	2	15M	93.7u	973.3u	-	7.251m
11	2	15M	77.0u	1.086m	-	128.5m

12	2	15M	62.7u	1.060m	-	474.2m
13	2	15M	84.8u	1.821m	-	530.5m
14	2	15M	58.5u	1.499m	-	347.4m
15	2	15M	75.7u	1.265m	-	246.7m
16	2	15M	69.1u	1.272m	-	454.0m
17	2	15M	86.6u	1.405m	-	428.9m
18	3	15M	89.2u	1.546m	1.530m	320.4m
19	2	15M	58.5u	1.329m	-	377.1m
20	2	15M	91.8u	1.514m	-	249.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 12

Chrip Center Frequency: 5562MHz

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	91.9u	1.303m	1.089m	773.6m
2	3	15M	60.3u	1.462m	1.450m	919.7m
3	2	15M	67.3u	1.863m	-	541.7m
4	2	15M	81.9u	1.640m	-	615.1m
5	2	15M	86.7u	1.507m	-	774.5m
6	2	15M	79.8u	1.827m	-	615.8m
7	2	15M	94.9u	1.478m	-	145.1m
8	2	15M	77.6u	1.605m	-	650.7m
9	2	15M	88.8u	1.690m	-	806.3m
10	1	15M	89.3u	-	-	451.0m
11	2	15M	80.7u	1.437m	-	12.93m
12	2	15M	80.1u	1.246m	-	6.725m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 12

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	71.5u	982.5u	-	86.36m
2	1	13M	89.8u	-	-	993.6m
3	1	13M	83.2u	-	-	30.83m
4	1	13M	59.2u	-	-	837.0m
5	1	13M	68.7u	-	-	229.0m

6	2	13M	96.4u	1.547m	-	543.5m
7	2	13M	84.2u	1.813m	-	108.2m
8	1	13M	61.5u	-	-	194.1m
9	2	13M	87.9u	1.451m	-	603.2m
10	1	13M	94.3u	-	-	285.9m
11	2	13M	61.6u	1.018m	-	423.4m
12	2	13M	55.8u	1.245m	-	287.7m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 12

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	53.7u	1.723m	-	960.3m
2	1	13M	62.9u	-	-	407.9m
3	2	13M	96.2u	1.404m	-	686.3m
4	1	13M	85.8u	-	-	924.7m
5	3	13M	62.8u	1.023m	1.462m	609.4m
6	1	13M	56.3u	-	-	569.8m
7	3	13M	65.9u	1.348m	1.373m	90.93m
8	2	13M	74.4u	962.6u	-	131.7m
9	1	13M	71.5u	-	-	336.0m
10	3	13M	53.7u	1.897m	1.247m	38.16m
11	2	13M	60.4u	1.372m	-	18.91m
12	1	13M	69.1u	-	-	576.4m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 14

Chrip Center Frequency: 5563MHz

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	89.3u	1.226m	-	698.6m
2	2	13M	62.6u	1.024m	-	618.9m
3	2	13M	92.3u	1.201m	-	707.5m
4	1	13M	59.6u	-	-	50.00m
5	1	13M	96.4u	-	-	8.448m
6	3	13M	69.5u	1.319m	1.753m	62.15m
7	2	13M	89.0u	1.502m	-	190.0m

8	1	13M	70.1u	-	-	855.4m
9	2	13M	82.7u	1.528m	-	481.2m
10	1	13M	84.3u	-	-	770.9m
11	3	13M	60.4u	1.218m	1.468m	138.4m
12	3	13M	53.3u	1.553m	1.265m	163.6m
13	2	13M	56.1u	1.623m	-	373.4m
14	3	13M	58.9u	1.330m	1.283m	306.1m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

Number of Bursts in Trial: 12

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	1	11M	51.0u	-	-	563.8m
2	2	11M	90.6u	980.4u	-	842.7m
3	2	11M	98.0u	1.517m	-	891.3m
4	1	11M	86.3u	-	-	18.60m
5	2	11M	83.6u	1.461m	-	229.3m
6	1	11M	69.2u	-	-	831.7m
7	1	11M	88.5u	-	-	690.5m
8	2	11M	52.0u	1.323m	-	189.2m
9	2	11M	93.8u	1.880m	-	173.7m
10	2	11M	93.5u	1.138m	-	816.3m
11	2	11M	67.3u	1.623m	-	196.4m
12	1	11M	92.5u	-	-	496.3m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20

Number of Bursts in Trial: 14

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	1	11M	71.4u	-	-	617.2m
2	1	11M	61.3u	-	-	743.0m
3	2	11M	50.5u	1.638m	-	406.0m
4	2	11M	98.5u	1.317m	-	487.7m
5	3	11M	55.6u	1.159m	1.086m	759.9m

6	2	11M	84.8u	933.2u	-	641.4m
7	2	11M	66.1u	1.885m	-	68.60m
8	2	11M	54.4u	1.740m	-	286.3m
9	2	11M	82.6u	1.772m	-	664.4m
10	1	11M	93.1u	-	-	801.1m
11	1	11M	56.8u	-	-	546.2m
12	2	11M	95.6u	1.737m	-	93.59m
13	1	11M	59.9u	-	-	705.3m
14	1	11M	56.5u	-	-	714.6m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 19

Chrip Center Frequency: 5564MHz

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	96.5u	1.829m	1.187m	257.3m
2	2	11M	99.8u	1.404m	-	484.9m
3	1	11M	84.9u	-	-	565.7m
4	1	11M	95.1u	-	-	204.2m
5	1	11M	81.9u	-	-	476.5m
6	2	11M	50.6u	1.513m	-	616.8m
7	3	11M	63.5u	1.643m	1.618m	483.6m
8	2	11M	72.0u	1.002m	-	339.2m
9	2	11M	60.6u	1.103m	-	26.51m
10	1	11M	82.4u	-	-	82.69m
11	2	11M	95.3u	1.615m	-	38.81m
12	2	11M	68.5u	1.465m	-	300.5m
13	2	11M	92.6u	1.379m	-	138.3m
14	1	11M	93.4u	-	-	357.2m
15	2	11M	61.8u	1.082m	-	257.1m
16	2	11M	96.0u	1.679m	-	471.1m
17	1	11M	66.4u	-	-	566.1m
18	2	11M	77.8u	1.409m	-	107.1m
19	1	11M	79.0u	-	-	395.6m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 15

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	71.9u	1.453m	-	773.9m
2	2	9M	84.5u	1.374m	-	314.3m
3	2	9M	96.4u	1.352m	-	684.3m
4	2	9M	51.3u	1.130m	-	232.9m
5	3	9M	88.0u	1.320m	1.795m	163.0m
6	2	9M	61.5u	1.545m	-	703.6m
7	2	9M	68.9u	1.351m	-	333.2m
8	1	9M	60.3u	-	-	314.6m
9	2	9M	94.3u	1.019m	-	530.7m
10	2	9M	90.7u	1.613m	-	681.4m
11	2	9M	85.7u	1.011m	-	285.6m
12	2	9M	85.3u	1.325m	-	307.9m
13	2	9M	95.3u	1.745m	-	364.5m
14	2	9M	53.6u	1.125m	-	793.0m
15	2	9M	84.3u	1.625m	-	98.31m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

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	1	9M	92.6u	-	-	574.7m
2	3	9M	67.9u	1.272m	1.316m	302.6m
3	1	9M	85.3u	-	-	195.7m
4	2	9M	87.8u	1.863m	-	517.8m
5	2	9M	73.7u	1.364m	-	350.7m
6	1	9M	55.8u	-	-	569.5m
7	3	9M	99.1u	936.9u	1.756m	652.9m
8	2	9M	94.5u	1.889m	-	175.3m
9	2	9M	69.1u	1.741m	-	186.8m
10	2	9M	60.2u	1.826m	-	144.5m
11	2	9M	90.0u	1.419m	-	500.0m

12	2	9M	98.3u	1.336m	-	157.3m
13	2	9M	94.4u	1.660m	-	479.9m
14	3	9M	91.0u	1.788m	1.474m	137.2m
15	1	9M	74.3u	-	-	351.9m
16	2	9M	55.0u	1.665m	-	89.03m
17	3	9M	85.5u	981.5u	1.182m	444.9m
18	2	9M	86.1u	1.623m	-	259.0m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_24

Number of Bursts in Trial: 12

Chrip Center Frequency: 5565MHz

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	81.2u	1.556m	-	256.2m
2	1	9M	86.7u	-	-	131.1m
3	2	9M	77.8u	1.026m	-	504.6m
4	2	9M	55.6u	1.700m	-	485.5m
5	2	9M	92.8u	1.848m	-	535.0m
6	3	9M	54.8u	974.2u	1.487m	763.2m
7	2	9M	65.7u	1.884m	-	681.3m
8	2	9M	89.7u	1.572m	-	624.8m
9	2	9M	57.8u	1.208m	-	12.28m
10	2	9M	54.6u	1.123m	-	881.4m
11	1	9M	65.0u	-	-	637.4m
12	2	9M	72.7u	1.336m	-	662.2m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

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	2	7M	52.9u	1.149m	-	459.6m
2	2	7M	72.7u	1.195m	-	749.5m
3	2	7M	84.3u	1.348m	-	820.7m
4	2	7M	77.1u	1.831m	-	696.8m
5	1	7M	99.5u	-	-	365.0m
6	1	7M	81.5u	-	-	821.3m
7	2	7M	66.5u	1.670m	-	10.40m
8	2	7M	94.2u	1.051m	-	450.0m
9	2	7M	54.3u	1.075m	-	892.9m
10	2	7M	97.5u	1.352m	-	129.0m
11	3	7M	66.1u	1.290m	952.9u	70.05m
12	2	7M	64.0u	1.671m	-	229.6m
13	1	7M	50.9u	-	-	132.1m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_26

Number of Bursts in Trial: 10

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	7M	55.6u	1.308m	-	946.0m
2	2	7M	90.3u	1.109m	-	586.0m
3	3	7M	75.1u	1.179m	1.124m	427.1m
4	3	7M	86.1u	1.371m	1.270m	375.9m
5	2	7M	89.1u	1.058m	-	615.5m
6	2	7M	76.9u	1.774m	-	247.3m
7	2	7M	64.3u	1.929m	-	1.055
8	3	7M	61.7u	1.387m	1.721m	167.4m
9	2	7M	95.7u	1.831m	-	305.4m
10	3	7M	84.7u	1.764m	1.195m	294.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 15						
Chrip Center Frequency: 5566MHz						
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	53.0u	969.0u	-	746.8m
2	1	7M	63.4u	-	-	742.3m
3	2	7M	50.2u	1.509m	-	409.2m
4	3	7M	60.1u	1.447m	1.300m	473.9m
5	2	7M	80.0u	1.361m	-	541.6m
6	2	7M	54.0u	1.276m	-	751.9m
7	2	7M	86.4u	1.372m	-	5.669m
8	3	7M	67.1u	1.234m	1.548m	681.3m
9	1	7M	83.2u	-	-	569.4m
10	2	7M	89.6u	1.288m	-	710.9m
11	2	7M	68.4u	1.713m	-	305.7m
12	2	7M	98.4u	1.105m	-	659.4m
13	2	7M	53.8u	1.651m	-	260.7m
14	3	7M	90.7u	971.3u	1.297m	64.39m
15	3	7M	88.5u	1.396m	1.731m	619.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 19						
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	2	5M	50.4u	1.916m	-	334.6m
2	2	5M	54.2u	1.760m	-	40.17m
3	2	5M	66.7u	1.591m	-	375.0m
4	1	5M	81.8u	-	-	224.8m
5	3	5M	85.3u	1.562m	1.550m	598.5m
6	2	5M	50.9u	1.097m	-	247.8m
7	3	5M	71.5u	1.403m	1.250m	384.9m
8	1	5M	57.3u	-	-	545.1m
9	1	5M	99.4u	-	-	327.7m
10	2	5M	81.7u	1.762m	-	346.5m
11	3	5M	87.0u	1.625m	1.683m	237.2m

12	2	5M	94.9u	1.522m	-	585.4m
13	2	5M	83.5u	1.529m	-	480.1m
14	2	5M	66.1u	1.677m	-	545.9m
15	2	5M	52.9u	1.709m	-	563.8m
16	3	5M	51.5u	1.865m	1.887m	433.2m
17	1	5M	82.8u	-	-	4.846m
18	2	5M	84.6u	957.4u	-	397.1m
19	3	5M	70.6u	1.247m	1.791m	432.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 19						
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	3	5M	61.2u	1.793m	1.857m	398.8m
2	1	5M	53.7u	-	-	300.3m
3	2	5M	82.7u	1.900m	-	154.0m
4	3	5M	98.8u	1.369m	1.879m	7.212m
5	2	5M	54.9u	1.516m	-	475.2m
6	3	5M	57.2u	1.640m	1.396m	427.7m
7	2	5M	91.6u	1.507m	-	435.3m
8	2	5M	69.8u	1.897m	-	349.7m
9	2	5M	58.1u	1.668m	-	584.4m
10	2	5M	81.6u	1.380m	-	184.8m
11	2	5M	57.5u	1.242m	-	221.2m
12	3	5M	92.2u	1.227m	913.8u	353.3m
13	2	5M	81.9u	1.129m	-	486.4m
14	2	5M	66.9u	1.395m	-	235.5m
15	1	5M	67.9u	-	-	415.5m
16	3	5M	99.2u	1.884m	1.803m	462.9m
17	2	5M	71.2u	1.043m	-	214.2m
18	1	5M	70.9u	-	-	379.4m
19	2	5M	68.8u	1.209m	-	322.3m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5566MHz

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	53.6u	-	-	504.6m
2	3	5M	97.1u	1.798m	1.565m	441.5m
3	3	5M	53.5u	1.548m	1.068m	291.7m
4	2	5M	52.2u	1.395m	-	212.8m
5	2	5M	95.3u	1.226m	-	96.33m
6	2	5M	92.6u	1.470m	-	303.7m
7	1	5M	82.6u	-	-	516.6m
8	1	5M	53.5u	-	-	141.6m
9	2	5M	57.4u	999.6u	-	95.05m
10	2	5M	96.4u	1.888m	-	567.5m
11	2	5M	66.0u	1.443m	-	271.3m
12	1	5M	98.5u	-	-	442.6m
13	2	5M	68.3u	1.114m	-	512.5m
14	2	5M	85.3u	1.613m	-	105.4m
15	3	5M	99.4u	1.752m	1.843m	647.8m
16	2	5M	97.8u	1.644m	-	259.0m
17	1	5M	77.1u	-	-	649.5m
18	1	5M	58.2u	-	-	539.5m

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	5.393G	2	5.555G	3	5.365G	4	5.531G
5	5.414G	6	5.467G	7	5.343G	8	5.349G
9	5.628G	10	5.546G	11	5.482G	12	5.640G
13	5.382G	14	5.581G	15	5.293G	16	5.381G
17	5.471G	18	5.525G	19	5.403G	20	5.637G
21	5.407G	22	5.326G	23	5.388G	24	5.544G
25	5.263G	26	5.255G	27	5.657G	28	5.511G
29	5.594G	30	5.705G	31	5.562G	32	5.579G
33	5.480G	34	5.366G	35	5.702G	36	5.370G
37	5.515G	38	5.535G	39	5.420G	40	5.457G
41	5.530G	42	5.258G	43	5.402G	44	5.659G
45	5.591G	46	5.436G	47	5.284G	48	5.621G
49	5.510G	50	5.340G	51	5.385G	52	5.548G
53	5.364G	54	5.526G	55	5.585G	56	5.529G
57	5.459G	58	5.309G	59	5.260G	60	5.636G
61	5.270G	62	5.613G	63	5.479G	64	5.684G
65	5.566G	66	5.512G	67	5.677G	68	5.587G
69	5.717G	70	5.477G	71	5.396G	72	5.339G
73	5.295G	74	5.406G	75	5.346G	76	5.341G
77	5.361G	78	5.466G	79	5.708G	80	5.401G
81	5.682G	82	5.665G	83	5.391G	84	5.715G
85	5.533G	86	5.528G	87	5.397G	88	5.670G
89	5.676G	90	5.266G	91	5.410G	92	5.567G
93	5.416G	94	5.575G	95	5.597G	96	5.322G
97	5.606G	98	5.622G	99	5.320G	100	5.712G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.324G	2	5.503G	3	5.289G	4	5.384G
5	5.611G	6	5.637G	7	5.387G	8	5.604G
9	5.575G	10	5.582G	11	5.440G	12	5.595G
13	5.723G	14	5.528G	15	5.427G	16	5.623G
17	5.633G	18	5.424G	19	5.502G	20	5.661G
21	5.443G	22	5.328G	23	5.356G	24	5.366G
25	5.685G	26	5.473G	27	5.597G	28	5.455G

29	5.278G	30	5.446G	31	5.696G	32	5.319G
33	5.509G	34	5.682G	35	5.271G	36	5.252G
37	5.543G	38	5.705G	39	5.371G	40	5.415G
41	5.320G	42	5.437G	43	5.351G	44	5.710G
45	5.416G	46	5.274G	47	5.607G	48	5.265G
49	5.469G	50	5.615G	51	5.404G	52	5.635G
53	5.669G	54	5.426G	55	5.435G	56	5.527G
57	5.513G	58	5.402G	59	5.323G	60	5.365G
61	5.681G	62	5.441G	63	5.521G	64	5.545G
65	5.386G	66	5.634G	67	5.672G	68	5.507G
69	5.456G	70	5.287G	71	5.472G	72	5.307G
73	5.266G	74	5.273G	75	5.420G	76	5.548G
77	5.646G	78	5.684G	79	5.510G	80	5.538G
81	5.335G	82	5.395G	83	5.300G	84	5.698G
85	5.651G	86	5.617G	87	5.569G	88	5.355G
89	5.656G	90	5.374G	91	5.467G	92	5.491G
93	5.425G	94	5.554G	95	5.368G	96	5.631G
97	5.482G	98	5.361G	99	5.674G	100	5.390G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.477G	2	5.584G	3	5.301G	4	5.387G
5	5.699G	6	5.610G	7	5.436G	8	5.701G
9	5.680G	10	5.618G	11	5.336G	12	5.445G
13	5.263G	14	5.712G	15	5.431G	16	5.578G
17	5.668G	18	5.303G	19	5.550G	20	5.539G
21	5.451G	22	5.505G	23	5.506G	24	5.693G
25	5.313G	26	5.535G	27	5.564G	28	5.476G
29	5.398G	30	5.328G	31	5.651G	32	5.339G
33	5.261G	34	5.305G	35	5.528G	36	5.290G
37	5.273G	38	5.619G	39	5.304G	40	5.466G
41	5.609G	42	5.596G	43	5.363G	44	5.705G
45	5.280G	46	5.400G	47	5.511G	48	5.714G
49	5.418G	50	5.684G	51	5.592G	52	5.595G
53	5.504G	54	5.636G	55	5.566G	56	5.268G
57	5.456G	58	5.532G	59	5.334G	60	5.358G
61	5.341G	62	5.513G	63	5.650G	64	5.364G
65	5.670G	66	5.710G	67	5.299G	68	5.297G
69	5.368G	70	5.633G	71	5.275G	72	5.420G

73	5.488G	74	5.423G	75	5.321G	76	5.585G
77	5.483G	78	5.457G	79	5.703G	80	5.497G
81	5.485G	82	5.346G	83	5.521G	84	5.464G
85	5.391G	86	5.531G	87	5.446G	88	5.473G
89	5.682G	90	5.281G	91	5.270G	92	5.658G
93	5.367G	94	5.405G	95	5.276G	96	5.673G
97	5.277G	98	5.333G	99	5.459G	100	5.601G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.637G	2	5.325G	3	5.468G	4	5.598G
5	5.326G	6	5.632G	7	5.437G	8	5.676G
9	5.261G	10	5.456G	11	5.296G	12	5.276G
13	5.715G	14	5.695G	15	5.518G	16	5.298G
17	5.687G	18	5.673G	19	5.525G	20	5.609G
21	5.709G	22	5.493G	23	5.349G	24	5.506G
25	5.426G	26	5.663G	27	5.427G	28	5.625G
29	5.513G	30	5.404G	31	5.385G	32	5.323G
33	5.373G	34	5.569G	35	5.407G	36	5.594G
37	5.260G	38	5.576G	39	5.622G	40	5.716G
41	5.662G	42	5.318G	43	5.606G	44	5.702G
45	5.552G	46	5.655G	47	5.713G	48	5.512G
49	5.279G	50	5.372G	51	5.666G	52	5.494G
53	5.718G	54	5.264G	55	5.559G	56	5.689G
57	5.497G	58	5.671G	59	5.314G	60	5.429G
61	5.399G	62	5.450G	63	5.346G	64	5.299G
65	5.333G	66	5.618G	67	5.390G	68	5.696G
69	5.475G	70	5.319G	71	5.420G	72	5.320G
73	5.523G	74	5.251G	75	5.685G	76	5.527G
77	5.596G	78	5.539G	79	5.677G	80	5.341G
81	5.563G	82	5.280G	83	5.607G	84	5.587G
85	5.459G	86	5.288G	87	5.316G	88	5.548G
89	5.644G	90	5.507G	91	5.541G	92	5.545G
93	5.445G	94	5.700G	95	5.568G	96	5.363G
97	5.482G	98	5.499G	99	5.267G	100	5.650G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.662G	2	5.508G	3	5.705G	4	5.479G
5	5.510G	6	5.568G	7	5.319G	8	5.554G
9	5.553G	10	5.337G	11	5.259G	12	5.299G
13	5.717G	14	5.443G	15	5.306G	16	5.493G
17	5.432G	18	5.530G	19	5.261G	20	5.716G
21	5.304G	22	5.615G	23	5.640G	24	5.536G
25	5.483G	26	5.655G	27	5.349G	28	5.278G
29	5.638G	30	5.253G	31	5.362G	32	5.320G
33	5.618G	34	5.377G	35	5.700G	36	5.613G
37	5.675G	38	5.577G	39	5.497G	40	5.369G
41	5.564G	42	5.252G	43	5.307G	44	5.609G
45	5.719G	46	5.255G	47	5.632G	48	5.566G
49	5.602G	50	5.578G	51	5.383G	52	5.572G
53	5.265G	54	5.310G	55	5.706G	56	5.340G
57	5.557G	58	5.309G	59	5.539G	60	5.317G
61	5.714G	62	5.296G	63	5.523G	64	5.399G
65	5.556G	66	5.403G	67	5.541G	68	5.324G
69	5.250G	70	5.266G	71	5.680G	72	5.560G
73	5.585G	74	5.581G	75	5.427G	76	5.308G
77	5.401G	78	5.358G	79	5.611G	80	5.656G
81	5.436G	82	5.448G	83	5.393G	84	5.573G
85	5.646G	86	5.318G	87	5.625G	88	5.600G
89	5.351G	90	5.538G	91	5.599G	92	5.626G
93	5.688G	94	5.516G	95	5.402G	96	5.381G
97	5.545G	98	5.328G	99	5.420G	100	5.654G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.449G	2	5.261G	3	5.578G	4	5.680G
5	5.699G	6	5.572G	7	5.693G	8	5.619G
9	5.601G	10	5.598G	11	5.430G	12	5.540G
13	5.316G	14	5.497G	15	5.678G	16	5.353G
17	5.640G	18	5.655G	19	5.274G	20	5.347G
21	5.509G	22	5.330G	23	5.419G	24	5.462G
25	5.405G	26	5.475G	27	5.716G	28	5.673G

29	5.551G	30	5.672G	31	5.413G	32	5.599G
33	5.366G	34	5.595G	35	5.414G	36	5.660G
37	5.416G	38	5.576G	39	5.402G	40	5.460G
41	5.398G	42	5.643G	43	5.715G	44	5.550G
45	5.517G	46	5.380G	47	5.483G	48	5.372G
49	5.318G	50	5.401G	51	5.670G	52	5.270G
53	5.637G	54	5.700G	55	5.420G	56	5.711G
57	5.627G	58	5.307G	59	5.527G	60	5.295G
61	5.638G	62	5.258G	63	5.529G	64	5.698G
65	5.659G	66	5.662G	67	5.343G	68	5.722G
69	5.546G	70	5.618G	71	5.518G	72	5.324G
73	5.596G	74	5.639G	75	5.471G	76	5.440G
77	5.652G	78	5.387G	79	5.364G	80	5.254G
81	5.724G	82	5.663G	83	5.681G	84	5.260G
85	5.352G	86	5.713G	87	5.442G	88	5.501G
89	5.377G	90	5.368G	91	5.493G	92	5.624G
93	5.444G	94	5.425G	95	5.469G	96	5.649G
97	5.351G	98	5.415G	99	5.492G	100	5.675G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.448G	2	5.436G	3	5.572G	4	5.263G
5	5.508G	6	5.462G	7	5.303G	8	5.392G
9	5.640G	10	5.425G	11	5.382G	12	5.697G
13	5.638G	14	5.317G	15	5.285G	16	5.370G
17	5.353G	18	5.460G	19	5.672G	20	5.686G
21	5.564G	22	5.555G	23	5.453G	24	5.266G
25	5.258G	26	5.443G	27	5.651G	28	5.702G
29	5.325G	30	5.360G	31	5.264G	32	5.692G
33	5.371G	34	5.433G	35	5.505G	36	5.414G
37	5.608G	38	5.568G	39	5.710G	40	5.459G
41	5.279G	42	5.315G	43	5.272G	44	5.410G
45	5.637G	46	5.261G	47	5.625G	48	5.714G
49	5.461G	50	5.585G	51	5.259G	52	5.471G
53	5.687G	54	5.379G	55	5.355G	56	5.282G
57	5.539G	58	5.416G	59	5.499G	60	5.395G
61	5.664G	62	5.605G	63	5.326G	64	5.506G
65	5.549G	66	5.319G	67	5.480G	68	5.404G
69	5.536G	70	5.556G	71	5.526G	72	5.680G

73	5.401G	74	5.454G	75	5.331G	76	5.610G
77	5.498G	78	5.583G	79	5.348G	80	5.271G
81	5.309G	82	5.635G	83	5.493G	84	5.466G
85	5.601G	86	5.606G	87	5.349G	88	5.304G
89	5.354G	90	5.587G	91	5.704G	92	5.618G
93	5.675G	94	5.305G	95	5.481G	96	5.336G
97	5.278G	98	5.703G	99	5.442G	100	5.723G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.308G	2	5.283G	3	5.468G	4	5.266G
5	5.507G	6	5.495G	7	5.365G	8	5.604G
9	5.285G	10	5.508G	11	5.318G	12	5.471G
13	5.592G	14	5.280G	15	5.629G	16	5.703G
17	5.351G	18	5.641G	19	5.591G	20	5.663G
21	5.610G	22	5.373G	23	5.678G	24	5.532G
25	5.274G	26	5.544G	27	5.358G	28	5.594G
29	5.676G	30	5.413G	31	5.695G	32	5.584G
33	5.257G	34	5.500G	35	5.288G	36	5.305G
37	5.459G	38	5.630G	39	5.622G	40	5.359G
41	5.621G	42	5.448G	43	5.470G	44	5.295G
45	5.480G	46	5.706G	47	5.397G	48	5.719G
49	5.431G	50	5.253G	51	5.411G	52	5.255G
53	5.590G	54	5.296G	55	5.575G	56	5.595G
57	5.686G	58	5.314G	59	5.424G	60	5.492G
61	5.338G	62	5.510G	63	5.620G	64	5.588G
65	5.264G	66	5.633G	67	5.444G	68	5.712G
69	5.315G	70	5.432G	71	5.600G	72	5.301G
73	5.702G	74	5.556G	75	5.525G	76	5.477G
77	5.412G	78	5.407G	79	5.668G	80	5.309G
81	5.398G	82	5.422G	83	5.404G	84	5.557G
85	5.392G	86	5.615G	87	5.534G	88	5.469G
89	5.409G	90	5.360G	91	5.713G	92	5.474G
93	5.423G	94	5.649G	95	5.504G	96	5.585G
97	5.560G	98	5.278G	99	5.325G	100	5.709G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.628G	2	5.481G	3	5.583G	4	5.647G
5	5.516G	6	5.369G	7	5.312G	8	5.507G
9	5.580G	10	5.509G	11	5.702G	12	5.530G
13	5.423G	14	5.377G	15	5.285G	16	5.543G
17	5.602G	18	5.420G	19	5.595G	20	5.589G
21	5.591G	22	5.319G	23	5.430G	24	5.464G
25	5.600G	26	5.522G	27	5.472G	28	5.344G
29	5.553G	30	5.450G	31	5.634G	32	5.700G
33	5.511G	34	5.719G	35	5.635G	36	5.457G
37	5.680G	38	5.331G	39	5.360G	40	5.587G
41	5.462G	42	5.281G	43	5.411G	44	5.564G
45	5.480G	46	5.712G	47	5.631G	48	5.534G
49	5.609G	50	5.399G	51	5.330G	52	5.620G
53	5.623G	54	5.313G	55	5.389G	56	5.437G
57	5.271G	58	5.471G	59	5.488G	60	5.639G
61	5.718G	62	5.339G	63	5.451G	64	5.407G
65	5.556G	66	5.370G	67	5.657G	68	5.277G
69	5.710G	70	5.352G	71	5.317G	72	5.425G
73	5.287G	74	5.468G	75	5.267G	76	5.409G
77	5.696G	78	5.554G	79	5.253G	80	5.671G
81	5.365G	82	5.263G	83	5.574G	84	5.624G
85	5.309G	86	5.491G	87	5.284G	88	5.563G
89	5.678G	90	5.477G	91	5.643G	92	5.492G
93	5.345G	94	5.519G	95	5.685G	96	5.637G
97	5.592G	98	5.367G	99	5.715G	100	5.638G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.651G	2	5.542G	3	5.607G	4	5.713G
5	5.487G	6	5.560G	7	5.634G	8	5.509G
9	5.563G	10	5.510G	11	5.482G	12	5.536G
13	5.677G	14	5.433G	15	5.519G	16	5.432G
17	5.637G	18	5.497G	19	5.685G	20	5.575G
21	5.686G	22	5.632G	23	5.466G	24	5.594G
25	5.620G	26	5.624G	27	5.349G	28	5.401G

29	5.381G	30	5.559G	31	5.373G	32	5.454G
33	5.355G	34	5.275G	35	5.448G	36	5.389G
37	5.710G	38	5.321G	39	5.602G	40	5.576G
41	5.270G	42	5.262G	43	5.699G	44	5.581G
45	5.273G	46	5.453G	47	5.494G	48	5.449G
49	5.511G	50	5.475G	51	5.610G	52	5.527G
53	5.328G	54	5.645G	55	5.720G	56	5.425G
57	5.647G	58	5.261G	59	5.656G	60	5.398G
61	5.438G	62	5.721G	63	5.665G	64	5.455G
65	5.378G	66	5.589G	67	5.606G	68	5.317G
69	5.388G	70	5.353G	71	5.456G	72	5.630G
73	5.605G	74	5.698G	75	5.711G	76	5.679G
77	5.302G	78	5.385G	79	5.314G	80	5.675G
81	5.580G	82	5.520G	83	5.538G	84	5.535G
85	5.366G	86	5.613G	87	5.431G	88	5.676G
89	5.338G	90	5.659G	91	5.681G	92	5.709G
93	5.274G	94	5.693G	95	5.579G	96	5.319G
97	5.316G	98	5.444G	99	5.329G	100	5.558G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.520G	2	5.604G	3	5.602G	4	5.295G
5	5.567G	6	5.425G	7	5.498G	8	5.328G
9	5.712G	10	5.486G	11	5.369G	12	5.333G
13	5.481G	14	5.477G	15	5.284G	16	5.331G
17	5.268G	18	5.610G	19	5.434G	20	5.263G
21	5.580G	22	5.630G	23	5.616G	24	5.708G
25	5.464G	26	5.553G	27	5.535G	28	5.555G
29	5.643G	30	5.335G	31	5.398G	32	5.334G
33	5.468G	34	5.283G	35	5.606G	36	5.605G
37	5.669G	38	5.287G	39	5.341G	40	5.305G
41	5.674G	42	5.677G	43	5.299G	44	5.312G
45	5.680G	46	5.347G	47	5.594G	48	5.649G
49	5.497G	50	5.442G	51	5.479G	52	5.429G
53	5.597G	54	5.304G	55	5.291G	56	5.373G
57	5.321G	58	5.370G	59	5.463G	60	5.572G
61	5.350G	62	5.713G	63	5.539G	64	5.663G
65	5.635G	66	5.661G	67	5.702G	68	5.664G
69	5.430G	70	5.359G	71	5.285G	72	5.621G

73	5.316G	74	5.377G	75	5.358G	76	5.456G
77	5.656G	78	5.542G	79	5.710G	80	5.293G
81	5.416G	82	5.394G	83	5.551G	84	5.294G
85	5.566G	86	5.450G	87	5.279G	88	5.381G
89	5.485G	90	5.255G	91	5.611G	92	5.447G
93	5.432G	94	5.271G	95	5.403G	96	5.476G
97	5.537G	98	5.276G	99	5.688G	100	5.665G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.384G	2	5.529G	3	5.452G	4	5.458G
5	5.480G	6	5.664G	7	5.275G	8	5.400G
9	5.290G	10	5.494G	11	5.440G	12	5.324G
13	5.277G	14	5.558G	15	5.315G	16	5.438G
17	5.381G	18	5.411G	19	5.622G	20	5.602G
21	5.302G	22	5.596G	23	5.641G	24	5.327G
25	5.391G	26	5.471G	27	5.361G	28	5.716G
29	5.303G	30	5.453G	31	5.306G	32	5.338G
33	5.636G	34	5.513G	35	5.643G	36	5.294G
37	5.589G	38	5.659G	39	5.485G	40	5.593G
41	5.539G	42	5.487G	43	5.319G	44	5.661G
45	5.584G	46	5.371G	47	5.419G	48	5.316G
49	5.491G	50	5.445G	51	5.645G	52	5.251G
53	5.279G	54	5.597G	55	5.618G	56	5.341G
57	5.328G	58	5.336G	59	5.686G	60	5.546G
61	5.652G	62	5.289G	63	5.669G	64	5.500G
65	5.269G	66	5.299G	67	5.581G	68	5.441G
69	5.454G	70	5.396G	71	5.543G	72	5.695G
73	5.350G	74	5.477G	75	5.395G	76	5.538G
77	5.631G	78	5.700G	79	5.547G	80	5.357G
81	5.647G	82	5.387G	83	5.675G	84	5.376G
85	5.495G	86	5.293G	87	5.369G	88	5.427G
89	5.474G	90	5.259G	91	5.696G	92	5.380G
93	5.577G	94	5.372G	95	5.330G	96	5.505G
97	5.291G	98	5.478G	99	5.642G	100	5.576G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.698G	2	5.478G	3	5.598G	4	5.380G
5	5.302G	6	5.678G	7	5.496G	8	5.664G
9	5.351G	10	5.278G	11	5.482G	12	5.626G
13	5.627G	14	5.466G	15	5.717G	16	5.684G
17	5.414G	18	5.303G	19	5.643G	20	5.498G
21	5.384G	22	5.283G	23	5.307G	24	5.590G
25	5.421G	26	5.488G	27	5.454G	28	5.712G
29	5.607G	30	5.495G	31	5.395G	32	5.425G
33	5.600G	34	5.422G	35	5.721G	36	5.551G
37	5.387G	38	5.538G	39	5.603G	40	5.338G
41	5.706G	42	5.400G	43	5.624G	44	5.442G
45	5.693G	46	5.435G	47	5.559G	48	5.267G
49	5.491G	50	5.416G	51	5.720G	52	5.574G
53	5.708G	54	5.587G	55	5.656G	56	5.348G
57	5.558G	58	5.529G	59	5.695G	60	5.500G
61	5.285G	62	5.271G	63	5.374G	64	5.575G
65	5.683G	66	5.629G	67	5.415G	68	5.615G
69	5.612G	70	5.502G	71	5.701G	72	5.670G
73	5.381G	74	5.652G	75	5.611G	76	5.632G
77	5.679G	78	5.459G	79	5.263G	80	5.682G
81	5.424G	82	5.550G	83	5.517G	84	5.323G
85	5.579G	86	5.620G	87	5.318G	88	5.592G
89	5.480G	90	5.507G	91	5.335G	92	5.503G
93	5.360G	94	5.357G	95	5.658G	96	5.660G
97	5.311G	98	5.286G	99	5.567G	100	5.260G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.694G	2	5.279G	3	5.273G	4	5.264G
5	5.696G	6	5.394G	7	5.640G	8	5.577G
9	5.476G	10	5.634G	11	5.629G	12	5.617G
13	5.482G	14	5.605G	15	5.374G	16	5.688G
17	5.453G	18	5.559G	19	5.498G	20	5.503G
21	5.675G	22	5.283G	23	5.347G	24	5.313G
25	5.315G	26	5.697G	27	5.396G	28	5.328G

29	5.349G	30	5.468G	31	5.690G	32	5.595G
33	5.333G	34	5.422G	35	5.455G	36	5.702G
37	5.644G	38	5.671G	39	5.484G	40	5.686G
41	5.632G	42	5.719G	43	5.311G	44	5.253G
45	5.458G	46	5.462G	47	5.316G	48	5.590G
49	5.323G	50	5.539G	51	5.256G	52	5.423G
53	5.467G	54	5.584G	55	5.309G	56	5.428G
57	5.359G	58	5.586G	59	5.358G	60	5.680G
61	5.436G	62	5.611G	63	5.668G	64	5.592G
65	5.569G	66	5.576G	67	5.379G	68	5.566G
69	5.626G	70	5.301G	71	5.534G	72	5.581G
73	5.260G	74	5.512G	75	5.656G	76	5.693G
77	5.717G	78	5.261G	79	5.676G	80	5.454G
81	5.344G	82	5.343G	83	5.529G	84	5.679G
85	5.440G	86	5.317G	87	5.445G	88	5.425G
89	5.406G	90	5.294G	91	5.575G	92	5.658G
93	5.326G	94	5.446G	95	5.386G	96	5.607G
97	5.312G	98	5.289G	99	5.662G	100	5.390G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.404G	2	5.510G	3	5.331G	4	5.666G
5	5.480G	6	5.260G	7	5.614G	8	5.720G
9	5.513G	10	5.379G	11	5.318G	12	5.596G
13	5.297G	14	5.324G	15	5.467G	16	5.410G
17	5.558G	18	5.670G	19	5.465G	20	5.485G
21	5.555G	22	5.470G	23	5.341G	24	5.266G
25	5.499G	26	5.713G	27	5.512G	28	5.372G
29	5.368G	30	5.457G	31	5.692G	32	5.378G
33	5.684G	34	5.658G	35	5.647G	36	5.585G
37	5.532G	38	5.592G	39	5.488G	40	5.560G
41	5.688G	42	5.721G	43	5.327G	44	5.478G
45	5.699G	46	5.714G	47	5.544G	48	5.622G
49	5.346G	50	5.250G	51	5.381G	52	5.282G
53	5.335G	54	5.420G	55	5.673G	56	5.686G
57	5.263G	58	5.304G	59	5.548G	60	5.252G
61	5.689G	62	5.395G	63	5.409G	64	5.521G
65	5.481G	66	5.575G	67	5.441G	68	5.389G
69	5.376G	70	5.258G	71	5.610G	72	5.645G

73	5.296G	74	5.529G	75	5.320G	76	5.533G
77	5.476G	78	5.497G	79	5.447G	80	5.255G
81	5.632G	82	5.685G	83	5.299G	84	5.284G
85	5.275G	86	5.398G	87	5.542G	88	5.411G
89	5.574G	90	5.553G	91	5.332G	92	5.524G
93	5.576G	94	5.506G	95	5.310G	96	5.635G
97	5.691G	98	5.716G	99	5.615G	100	5.613G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.610G	2	5.359G	3	5.657G	4	5.616G
5	5.692G	6	5.425G	7	5.488G	8	5.708G
9	5.714G	10	5.464G	11	5.305G	12	5.549G
13	5.264G	14	5.405G	15	5.327G	16	5.572G
17	5.699G	18	5.254G	19	5.288G	20	5.499G
21	5.311G	22	5.664G	23	5.619G	24	5.358G
25	5.295G	26	5.267G	27	5.703G	28	5.477G
29	5.585G	30	5.303G	31	5.360G	32	5.517G
33	5.723G	34	5.522G	35	5.298G	36	5.313G
37	5.563G	38	5.621G	39	5.496G	40	5.687G
41	5.586G	42	5.651G	43	5.552G	44	5.250G
45	5.325G	46	5.635G	47	5.286G	48	5.686G
49	5.506G	50	5.605G	51	5.291G	52	5.306G
53	5.535G	54	5.457G	55	5.312G	56	5.627G
57	5.334G	58	5.382G	59	5.316G	60	5.318G
61	5.661G	62	5.547G	63	5.704G	64	5.702G
65	5.456G	66	5.510G	67	5.320G	68	5.370G
69	5.644G	70	5.548G	71	5.497G	72	5.502G
73	5.452G	74	5.709G	75	5.417G	76	5.406G
77	5.401G	78	5.588G	79	5.534G	80	5.622G
81	5.665G	82	5.566G	83	5.478G	84	5.513G
85	5.463G	86	5.710G	87	5.270G	88	5.594G
89	5.626G	90	5.527G	91	5.409G	92	5.330G
93	5.299G	94	5.413G	95	5.574G	96	5.712G
97	5.567G	98	5.446G	99	5.545G	100	5.263G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.385G	2	5.389G	3	5.678G	4	5.324G
5	5.452G	6	5.634G	7	5.351G	8	5.419G
9	5.511G	10	5.534G	11	5.661G	12	5.252G
13	5.637G	14	5.308G	15	5.469G	16	5.258G
17	5.530G	18	5.533G	19	5.345G	20	5.285G
21	5.702G	22	5.305G	23	5.312G	24	5.528G
25	5.488G	26	5.497G	27	5.684G	28	5.685G
29	5.598G	30	5.662G	31	5.421G	32	5.608G
33	5.516G	34	5.444G	35	5.397G	36	5.339G
37	5.621G	38	5.649G	39	5.526G	40	5.589G
41	5.479G	42	5.459G	43	5.261G	44	5.399G
45	5.372G	46	5.441G	47	5.253G	48	5.433G
49	5.424G	50	5.666G	51	5.381G	52	5.429G
53	5.294G	54	5.465G	55	5.504G	56	5.710G
57	5.568G	58	5.331G	59	5.711G	60	5.494G
61	5.716G	62	5.319G	63	5.505G	64	5.485G
65	5.267G	66	5.336G	67	5.383G	68	5.275G
69	5.518G	70	5.354G	71	5.343G	72	5.427G
73	5.264G	74	5.715G	75	5.510G	76	5.297G
77	5.611G	78	5.292G	79	5.581G	80	5.375G
81	5.446G	82	5.302G	83	5.371G	84	5.636G
85	5.288G	86	5.320G	87	5.557G	88	5.373G
89	5.386G	90	5.327G	91	5.357G	92	5.480G
93	5.654G	94	5.693G	95	5.541G	96	5.695G
97	5.387G	98	5.350G	99	5.304G	100	5.272G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.527G	2	5.719G	3	5.285G	4	5.696G
5	5.718G	6	5.671G	7	5.500G	8	5.252G
9	5.657G	10	5.629G	11	5.585G	12	5.564G
13	5.307G	14	5.542G	15	5.340G	16	5.258G
17	5.642G	18	5.360G	19	5.440G	20	5.383G
21	5.386G	22	5.634G	23	5.268G	24	5.720G
25	5.316G	26	5.313G	27	5.406G	28	5.471G

29	5.624G	30	5.558G	31	5.327G	32	5.475G
33	5.400G	34	5.614G	35	5.654G	36	5.370G
37	5.469G	38	5.618G	39	5.264G	40	5.496G
41	5.514G	42	5.670G	43	5.648G	44	5.701G
45	5.510G	46	5.461G	47	5.541G	48	5.250G
49	5.610G	50	5.594G	51	5.646G	52	5.336G
53	5.325G	54	5.389G	55	5.562G	56	5.358G
57	5.442G	58	5.596G	59	5.257G	60	5.398G
61	5.572G	62	5.506G	63	5.688G	64	5.708G
65	5.371G	66	5.548G	67	5.554G	68	5.530G
69	5.498G	70	5.663G	71	5.342G	72	5.365G
73	5.586G	74	5.414G	75	5.716G	76	5.627G
77	5.446G	78	5.343G	79	5.305G	80	5.628G
81	5.632G	82	5.668G	83	5.647G	84	5.532G
85	5.267G	86	5.409G	87	5.326G	88	5.704G
89	5.540G	90	5.455G	91	5.390G	92	5.494G
93	5.565G	94	5.411G	95	5.723G	96	5.538G
97	5.529G	98	5.296G	99	5.256G	100	5.280G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.291G	3	5.586G	4	5.609G
5	5.438G	6	5.301G	7	5.422G	8	5.383G
9	5.256G	10	5.713G	11	5.643G	12	5.460G
13	5.555G	14	5.593G	15	5.700G	16	5.480G
17	5.251G	18	5.707G	19	5.326G	20	5.611G
21	5.353G	22	5.335G	23	5.694G	24	5.537G
25	5.458G	26	5.687G	27	5.346G	28	5.338G
29	5.414G	30	5.702G	31	5.430G	32	5.386G
33	5.486G	34	5.587G	35	5.333G	36	5.724G
37	5.285G	38	5.436G	39	5.396G	40	5.542G
41	5.433G	42	5.306G	43	5.704G	44	5.380G
45	5.384G	46	5.255G	47	5.496G	48	5.340G
49	5.605G	50	5.473G	51	5.416G	52	5.466G
53	5.610G	54	5.716G	55	5.527G	56	5.504G
57	5.685G	58	5.357G	59	5.370G	60	5.365G
61	5.699G	62	5.439G	63	5.567G	64	5.483G
65	5.269G	66	5.261G	67	5.404G	68	5.634G
69	5.389G	70	5.655G	71	5.459G	72	5.413G

73	5.391G	74	5.690G	75	5.632G	76	5.645G
77	5.465G	78	5.250G	79	5.666G	80	5.392G
81	5.472G	82	5.701G	83	5.319G	84	5.415G
85	5.451G	86	5.705G	87	5.288G	88	5.670G
89	5.583G	90	5.714G	91	5.622G	92	5.423G
93	5.624G	94	5.500G	95	5.358G	96	5.710G
97	5.703G	98	5.298G	99	5.420G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.551G	2	5.321G	3	5.512G	4	5.476G
5	5.699G	6	5.425G	7	5.454G	8	5.358G
9	5.414G	10	5.697G	11	5.364G	12	5.267G
13	5.517G	14	5.305G	15	5.285G	16	5.492G
17	5.262G	18	5.363G	19	5.276G	20	5.537G
21	5.621G	22	5.549G	23	5.301G	24	5.428G
25	5.399G	26	5.485G	27	5.594G	28	5.643G
29	5.595G	30	5.434G	31	5.641G	32	5.313G
33	5.642G	34	5.664G	35	5.620G	36	5.268G
37	5.590G	38	5.426G	39	5.710G	40	5.259G
41	5.718G	42	5.474G	43	5.404G	44	5.593G
45	5.402G	46	5.495G	47	5.447G	48	5.644G
49	5.660G	50	5.683G	51	5.527G	52	5.572G
53	5.688G	54	5.449G	55	5.713G	56	5.279G
57	5.553G	58	5.493G	59	5.635G	60	5.578G
61	5.403G	62	5.336G	63	5.256G	64	5.374G
65	5.368G	66	5.326G	67	5.466G	68	5.451G
69	5.265G	70	5.366G	71	5.344G	72	5.513G
73	5.639G	74	5.340G	75	5.299G	76	5.694G
77	5.353G	78	5.564G	79	5.270G	80	5.281G
81	5.562G	82	5.544G	83	5.510G	84	5.338G
85	5.254G	86	5.263G	87	5.347G	88	5.622G
89	5.717G	90	5.329G	91	5.677G	92	5.487G
93	5.533G	94	5.682G	95	5.705G	96	5.518G
97	5.277G	98	5.667G	99	5.464G	100	5.441G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.358G	2	5.484G	3	5.337G	4	5.633G
5	5.692G	6	5.279G	7	5.520G	8	5.340G
9	5.611G	10	5.466G	11	5.599G	12	5.277G
13	5.610G	14	5.671G	15	5.675G	16	5.577G
17	5.608G	18	5.430G	19	5.626G	20	5.573G
21	5.387G	22	5.617G	23	5.282G	24	5.609G
25	5.698G	26	5.656G	27	5.384G	28	5.440G
29	5.558G	30	5.590G	31	5.352G	32	5.392G
33	5.582G	34	5.429G	35	5.515G	36	5.472G
37	5.388G	38	5.681G	39	5.424G	40	5.426G
41	5.674G	42	5.443G	43	5.719G	44	5.620G
45	5.299G	46	5.616G	47	5.569G	48	5.287G
49	5.265G	50	5.554G	51	5.664G	52	5.601G
53	5.482G	54	5.398G	55	5.365G	56	5.642G
57	5.714G	58	5.696G	59	5.446G	60	5.294G
61	5.444G	62	5.542G	63	5.397G	64	5.721G
65	5.560G	66	5.414G	67	5.701G	68	5.514G
69	5.268G	70	5.636G	71	5.689G	72	5.557G
73	5.510G	74	5.594G	75	5.604G	76	5.564G
77	5.257G	78	5.381G	79	5.587G	80	5.369G
81	5.668G	82	5.415G	83	5.703G	84	5.383G
85	5.585G	86	5.433G	87	5.417G	88	5.347G
89	5.368G	90	5.308G	91	5.521G	92	5.354G
93	5.531G	94	5.290G	95	5.360G	96	5.565G
97	5.649G	98	5.391G	99	5.305G	100	5.319G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.667G	2	5.543G	3	5.530G	4	5.595G
5	5.624G	6	5.437G	7	5.628G	8	5.533G
9	5.538G	10	5.425G	11	5.499G	12	5.623G
13	5.669G	14	5.268G	15	5.366G	16	5.355G
17	5.369G	18	5.553G	19	5.251G	20	5.400G
21	5.719G	22	5.347G	23	5.592G	24	5.383G
25	5.710G	26	5.398G	27	5.404G	28	5.706G

29	5.320G	30	5.278G	31	5.641G	32	5.513G
33	5.326G	34	5.537G	35	5.397G	36	5.700G
37	5.566G	38	5.306G	39	5.406G	40	5.309G
41	5.361G	42	5.455G	43	5.510G	44	5.378G
45	5.314G	46	5.465G	47	5.301G	48	5.454G
49	5.632G	50	5.402G	51	5.637G	52	5.373G
53	5.250G	54	5.578G	55	5.360G	56	5.391G
57	5.682G	58	5.650G	59	5.433G	60	5.444G
61	5.427G	62	5.639G	63	5.352G	64	5.479G
65	5.580G	66	5.671G	67	5.388G	68	5.313G
69	5.396G	70	5.713G	71	5.354G	72	5.634G
73	5.405G	74	5.293G	75	5.561G	76	5.422G
77	5.462G	78	5.385G	79	5.364G	80	5.317G
81	5.616G	82	5.686G	83	5.542G	84	5.416G
85	5.333G	86	5.631G	87	5.331G	88	5.606G
89	5.492G	90	5.393G	91	5.575G	92	5.610G
93	5.619G	94	5.335G	95	5.415G	96	5.692G
97	5.544G	98	5.327G	99	5.617G	100	5.648G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.412G	2	5.407G	3	5.435G	4	5.418G
5	5.409G	6	5.553G	7	5.611G	8	5.478G
9	5.559G	10	5.301G	11	5.402G	12	5.382G
13	5.508G	14	5.706G	15	5.422G	16	5.315G
17	5.655G	18	5.377G	19	5.709G	20	5.677G
21	5.493G	22	5.313G	23	5.446G	24	5.343G
25	5.285G	26	5.275G	27	5.703G	28	5.321G
29	5.597G	30	5.466G	31	5.555G	32	5.349G
33	5.464G	34	5.479G	35	5.659G	36	5.252G
37	5.558G	38	5.347G	39	5.512G	40	5.398G
41	5.338G	42	5.648G	43	5.345G	44	5.271G
45	5.681G	46	5.284G	47	5.615G	48	5.673G
49	5.326G	50	5.461G	51	5.426G	52	5.594G
53	5.309G	54	5.319G	55	5.403G	56	5.462G
57	5.380G	58	5.324G	59	5.290G	60	5.267G
61	5.441G	62	5.608G	63	5.576G	64	5.717G
65	5.484G	66	5.511G	67	5.640G	68	5.375G
69	5.451G	70	5.342G	71	5.722G	72	5.266G

73	5.362G	74	5.666G	75	5.724G	76	5.283G
77	5.623G	78	5.662G	79	5.416G	80	5.575G
81	5.372G	82	5.354G	83	5.357G	84	5.391G
85	5.713G	86	5.317G	87	5.381G	88	5.428G
89	5.376G	90	5.568G	91	5.369G	92	5.439G
93	5.639G	94	5.487G	95	5.396G	96	5.689G
97	5.642G	98	5.366G	99	5.482G	100	5.638G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.344G	2	5.355G	3	5.506G	4	5.486G
5	5.372G	6	5.357G	7	5.628G	8	5.305G
9	5.537G	10	5.350G	11	5.498G	12	5.277G
13	5.719G	14	5.462G	15	5.609G	16	5.463G
17	5.366G	18	5.673G	19	5.512G	20	5.407G
21	5.427G	22	5.282G	23	5.360G	24	5.301G
25	5.347G	26	5.578G	27	5.265G	28	5.293G
29	5.518G	30	5.499G	31	5.291G	32	5.513G
33	5.722G	34	5.685G	35	5.326G	36	5.393G
37	5.354G	38	5.388G	39	5.493G	40	5.292G
41	5.701G	42	5.507G	43	5.371G	44	5.586G
45	5.605G	46	5.621G	47	5.313G	48	5.336G
49	5.510G	50	5.476G	51	5.315G	52	5.556G
53	5.322G	54	5.713G	55	5.629G	56	5.593G
57	5.711G	58	5.643G	59	5.443G	60	5.258G
61	5.375G	62	5.359G	63	5.458G	64	5.594G
65	5.302G	66	5.721G	67	5.312G	68	5.430G
69	5.269G	70	5.267G	71	5.496G	72	5.617G
73	5.555G	74	5.418G	75	5.352G	76	5.399G
77	5.520G	78	5.343G	79	5.530G	80	5.681G
81	5.289G	82	5.616G	83	5.646G	84	5.690G
85	5.665G	86	5.649G	87	5.428G	88	5.479G
89	5.565G	90	5.582G	91	5.329G	92	5.638G
93	5.259G	94	5.272G	95	5.509G	96	5.387G
97	5.672G	98	5.704G	99	5.705G	100	5.494G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.474G	2	5.343G	3	5.526G	4	5.618G
5	5.558G	6	5.445G	7	5.376G	8	5.315G
9	5.617G	10	5.475G	11	5.659G	12	5.585G
13	5.724G	14	5.611G	15	5.350G	16	5.284G
17	5.299G	18	5.510G	19	5.584G	20	5.681G
21	5.599G	22	5.381G	23	5.297G	24	5.463G
25	5.436G	26	5.703G	27	5.389G	28	5.509G
29	5.506G	30	5.421G	31	5.572G	32	5.615G
33	5.289G	34	5.405G	35	5.656G	36	5.689G
37	5.688G	38	5.386G	39	5.697G	40	5.529G
41	5.269G	42	5.591G	43	5.254G	44	5.579G
45	5.710G	46	5.484G	47	5.511G	48	5.629G
49	5.325G	50	5.338G	51	5.367G	52	5.632G
53	5.649G	54	5.513G	55	5.355G	56	5.583G
57	5.434G	58	5.722G	59	5.313G	60	5.624G
61	5.371G	62	5.458G	63	5.586G	64	5.532G
65	5.485G	66	5.607G	67	5.667G	68	5.479G
69	5.517G	70	5.520G	71	5.354G	72	5.723G
73	5.466G	74	5.518G	75	5.403G	76	5.564G
77	5.633G	78	5.342G	79	5.307G	80	5.271G
81	5.335G	82	5.539G	83	5.275G	84	5.660G
85	5.653G	86	5.544G	87	5.394G	88	5.423G
89	5.634G	90	5.664G	91	5.550G	92	5.620G
93	5.272G	94	5.671G	95	5.375G	96	5.597G
97	5.560G	98	5.396G	99	5.361G	100	5.470G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.617G	2	5.547G	3	5.303G	4	5.521G
5	5.532G	6	5.454G	7	5.354G	8	5.268G
9	5.362G	10	5.336G	11	5.372G	12	5.285G
13	5.623G	14	5.597G	15	5.549G	16	5.677G
17	5.537G	18	5.666G	19	5.492G	20	5.659G
21	5.346G	22	5.267G	23	5.723G	24	5.564G
25	5.427G	26	5.543G	27	5.310G	28	5.673G

29	5.656G	30	5.582G	31	5.468G	32	5.288G
33	5.413G	34	5.465G	35	5.457G	36	5.724G
37	5.429G	38	5.337G	39	5.640G	40	5.322G
41	5.334G	42	5.687G	43	5.435G	44	5.282G
45	5.297G	46	5.550G	47	5.283G	48	5.348G
49	5.657G	50	5.387G	51	5.631G	52	5.486G
53	5.390G	54	5.678G	55	5.587G	56	5.351G
57	5.517G	58	5.583G	59	5.696G	60	5.287G
61	5.407G	62	5.608G	63	5.671G	64	5.445G
65	5.271G	66	5.394G	67	5.485G	68	5.446G
69	5.279G	70	5.621G	71	5.341G	72	5.514G
73	5.318G	74	5.408G	75	5.437G	76	5.456G
77	5.643G	78	5.693G	79	5.681G	80	5.257G
81	5.401G	82	5.393G	83	5.614G	84	5.533G
85	5.699G	86	5.620G	87	5.350G	88	5.720G
89	5.368G	90	5.609G	91	5.598G	92	5.538G
93	5.505G	94	5.498G	95	5.719G	96	5.516G
97	5.684G	98	5.645G	99	5.460G	100	5.309G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.252G	2	5.411G	3	5.333G	4	5.656G
5	5.593G	6	5.524G	7	5.257G	8	5.270G
9	5.380G	10	5.532G	11	5.376G	12	5.429G
13	5.278G	14	5.374G	15	5.453G	16	5.716G
17	5.560G	18	5.426G	19	5.514G	20	5.711G
21	5.315G	22	5.447G	23	5.403G	24	5.528G
25	5.534G	26	5.525G	27	5.424G	28	5.615G
29	5.479G	30	5.432G	31	5.536G	32	5.659G
33	5.482G	34	5.503G	35	5.358G	36	5.470G
37	5.576G	38	5.530G	39	5.433G	40	5.678G
41	5.585G	42	5.665G	43	5.391G	44	5.510G
45	5.449G	46	5.387G	47	5.624G	48	5.583G
49	5.283G	50	5.635G	51	5.507G	52	5.390G
53	5.370G	54	5.419G	55	5.251G	56	5.527G
57	5.496G	58	5.291G	59	5.294G	60	5.443G
61	5.616G	62	5.435G	63	5.540G	64	5.699G
65	5.709G	66	5.506G	67	5.280G	68	5.563G
69	5.493G	70	5.579G	71	5.360G	72	5.553G

73	5.431G	74	5.375G	75	5.701G	76	5.262G
77	5.599G	78	5.529G	79	5.693G	80	5.269G
81	5.652G	82	5.481G	83	5.523G	84	5.454G
85	5.359G	86	5.501G	87	5.346G	88	5.268G
89	5.303G	90	5.588G	91	5.710G	92	5.477G
93	5.264G	94	5.610G	95	5.675G	96	5.718G
97	5.255G	98	5.601G	99	5.312G	100	5.367G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.473G	2	5.308G	3	5.549G	4	5.486G
5	5.345G	6	5.595G	7	5.651G	8	5.567G
9	5.259G	10	5.667G	11	5.670G	12	5.710G
13	5.458G	14	5.692G	15	5.329G	16	5.610G
17	5.699G	18	5.538G	19	5.532G	20	5.524G
21	5.545G	22	5.586G	23	5.256G	24	5.434G
25	5.480G	26	5.472G	27	5.298G	28	5.384G
29	5.262G	30	5.377G	31	5.454G	32	5.615G
33	5.718G	34	5.475G	35	5.621G	36	5.484G
37	5.507G	38	5.299G	39	5.324G	40	5.523G
41	5.562G	42	5.647G	43	5.393G	44	5.681G
45	5.365G	46	5.544G	47	5.419G	48	5.638G
49	5.310G	50	5.348G	51	5.596G	52	5.338G
53	5.632G	54	5.513G	55	5.530G	56	5.717G
57	5.293G	58	5.422G	59	5.448G	60	5.265G
61	5.450G	62	5.566G	63	5.270G	64	5.665G
65	5.305G	66	5.491G	67	5.295G	68	5.354G
69	5.515G	70	5.339G	71	5.250G	72	5.642G
73	5.522G	74	5.702G	75	5.349G	76	5.322G
77	5.656G	78	5.502G	79	5.671G	80	5.641G
81	5.290G	82	5.708G	83	5.289G	84	5.672G
85	5.620G	86	5.394G	87	5.373G	88	5.360G
89	5.468G	90	5.334G	91	5.361G	92	5.272G
93	5.358G	94	5.594G	95	5.504G	96	5.263G
97	5.646G	98	5.385G	99	5.356G	100	5.589G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.251G	2	5.353G	3	5.408G	4	5.270G
5	5.346G	6	5.381G	7	5.637G	8	5.537G
9	5.723G	10	5.722G	11	5.563G	12	5.686G
13	5.721G	14	5.359G	15	5.667G	16	5.677G
17	5.333G	18	5.433G	19	5.455G	20	5.289G
21	5.358G	22	5.318G	23	5.258G	24	5.342G
25	5.298G	26	5.439G	27	5.529G	28	5.611G
29	5.561G	30	5.469G	31	5.459G	32	5.553G
33	5.635G	34	5.451G	35	5.420G	36	5.254G
37	5.331G	38	5.630G	39	5.681G	40	5.339G
41	5.424G	42	5.581G	43	5.496G	44	5.398G
45	5.355G	46	5.277G	47	5.363G	48	5.539G
49	5.533G	50	5.350G	51	5.414G	52	5.613G
53	5.556G	54	5.250G	55	5.348G	56	5.583G
57	5.683G	58	5.664G	59	5.383G	60	5.493G
61	5.536G	62	5.614G	63	5.593G	64	5.443G
65	5.697G	66	5.509G	67	5.325G	68	5.513G
69	5.633G	70	5.410G	71	5.707G	72	5.655G
73	5.627G	74	5.596G	75	5.397G	76	5.456G
77	5.472G	78	5.545G	79	5.438G	80	5.488G
81	5.287G	82	5.302G	83	5.300G	84	5.484G
85	5.549G	86	5.466G	87	5.505G	88	5.471G
89	5.491G	90	5.544G	91	5.663G	92	5.713G
93	5.423G	94	5.518G	95	5.413G	96	5.506G
97	5.724G	98	5.494G	99	5.374G	100	5.269G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.653G	2	5.651G	3	5.538G	4	5.509G
5	5.600G	6	5.355G	7	5.599G	8	5.310G
9	5.407G	10	5.637G	11	5.398G	12	5.306G
13	5.534G	14	5.349G	15	5.459G	16	5.620G
17	5.473G	18	5.437G	19	5.348G	20	5.320G
21	5.486G	22	5.479G	23	5.692G	24	5.461G
25	5.335G	26	5.540G	27	5.626G	28	5.722G
29	5.621G	30	5.719G	31	5.481G	32	5.379G
33	5.578G	34	5.589G	35	5.347G	36	5.390G
37	5.456G	38	5.698G	39	5.618G	40	5.341G
41	5.420G	42	5.458G	43	5.323G	44	5.272G
45	5.471G	46	5.502G	47	5.614G	48	5.315G
49	5.513G	50	5.396G	51	5.628G	52	5.387G
53	5.307G	54	5.656G	55	5.598G	56	5.448G
57	5.607G	58	5.495G	59	5.346G	60	5.300G
61	5.679G	62	5.450G	63	5.288G	64	5.680G
65	5.443G	66	5.667G	67	5.549G	68	5.281G
69	5.474G	70	5.367G	71	5.556G	72	5.321G
73	5.329G	74	5.609G	75	5.674G	76	5.377G
77	5.336G	78	5.491G	79	5.624G	80	5.576G
81	5.380G	82	5.666G	83	5.305G	84	5.442G
85	5.285G	86	5.529G	87	5.591G	88	5.282G
89	5.350G	90	5.492G	91	5.579G	92	5.585G
93	5.676G	94	5.482G	95	5.539G	96	5.309G
97	5.635G	98	5.402G	99	5.544G	100	5.382G