DFS TEST REPORT

REPORT NO.:	RF120618C25J-1
MODEL NO.:	SS-300-AT-C-55
FCC ID:	U2M-CAP4200AG
RECEIVED:	Jan. 03, 2012
TESTED:	Sep. 26, 2013
ISSUED:	Sep. 30, 2013

APPLICANT:	Senao Networks, Inc.
ADDRESS:	3F, No. 529, Chung Cheng Rd., Hsintien, Taipei, Taiwan, R.O.C.

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
LAB ADDRESS:	No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.
TEST LOCATION:	No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF120618C25J-1	Original release	Sep. 30, 2013

1. CERTIFICATION

PRODUCT: Wireless 802.11abgn Access Point
MODEL: SS-300-AT-C-55
BRAND: AirTight Networks, Inc.
APPLICANT: Senao Networks, Inc.
TESTED: Sep. 26, 2013
TEST SAMPLE: ENGINEERING SAMPLE
STANDARDS: **FCC Part 15, Subpart E (Section 15.407)**
FCC 06-96

The above equipment (model: SS-300-AT-C-55) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : _____ **, DATE :** Sep. 30, 2013
Pettie Chen / Senior Specialist

APPROVED BY : _____ **, DATE :** Sep. 30, 2013
Ken Liu / Senior Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

TABLE 1: OPERATING FREQUENCY BANDS AND MODE OF EUT

OPERATIONAL MODE	OPERATING FREQUENCY RANGE	
	5250~5350MHz	5470~5725MHz
Master	✓	✓

The EUT doesn't operate in 5600 ~ 5650MHz via software controls.

2.2 EUT SOFTWARE AND FIRMWARE VERSION

TABLE 2: THE EUT SOFTWARE/FIRMWARE VERSION

NO.	PRODUCT	MODEL NO.	SOFTWARE/FIRMWARE VERSION
1	Wireless 802.11abgn Access Point	SS-300-AT-C-55	Sensor Version: 6.7 Sensor Build: 6.7.u3.22 Web Version: 6.7 Web Build: 6.7.U3HF5.09 Serial Number: 0050569B6B9D

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

TABLE 3: ANTENNA LIST

ANT NO.	ANTENNA TYPE	OPERATION FREQUENCY RANGE (MHz)	MAX. GAIN (dBi)
1	PIFA antenna	5250-5725	4

2.4 EUT MAXIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

802.11a:

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	21.46	140.068
1	5470~5725	21.36	136.791

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	21.32	135.657
1	5470~5725	21.26	133.677

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.47	176.534
1	5470~5725	22.08	161.523

2.5 EUT MAXIMUM E.I.R.P. POWER

TABLE 5: THE E.I.R.P OUTPUT POWER LIST

802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.46	351.560
1	5470~5725	25.36	343.558

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.32	340.408
1	5470~5725	25.26	335.738

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	26.47	443.609
1	5470~5725	26.08	405.509

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 1 and 2 for the applicability of DFS requirements for each of the operational modes.

TABLE 6: APPLICABILITY OF DFS REQUIREMENTS PRIOR TO USE A CHANNEL

REQUIREMENT	OPERATIONAL MODE		
	MASTER	CLIENT WITHOUT RADAR DETECTION	CLIENT WITH RADAR DETECTION
Non-Occupancy Period	✓	Not required	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
Uniform Spreading	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

TABLE 7: APPLICABILITY OF DFS REQUIREMENTS DURING NORMAL OPERATION

REQUIREMENT	OPERATIONAL MODE		
	MASTER	CLIENT WITHOUT RADAR DETECTION	CLIENT WITH RADAR DETECTION
DFS Detection Threshold	✓	Not required	✓
Channel Closing Transmission Time	✓	✓	✓
Channel Move Time	✓	✓	✓
U-NII Detection Bandwidth	✓	Not required	✓

3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

DETECTION THRESHOLD VALUES

TABLE 8: DFS DETECTION THRESHOLDS FOR MASTER DEVICES AND CLIENT DEVICES WITH RADAR DETECTION

MAXIMUM TRANSMIT POWER	VALUE (SEE Note 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.	
Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.	

TABLE 9: DFS RESPONSE REQUIREMENT VALUES

PARAMETER	VALUE
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 80% of the UNII 99% transmission power bandwidth. See Note 3.
Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows: • For the Short Pulse Radar Test Signals this instant is the end of the Burst. • For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated. • For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform.	
Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.	
Note 3: During the U-NII Detection Bandwidth detection test, radar type 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

PARAMETERS OF DFS TEST SIGNALS

Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

TABLE 10: SHORT PULSE RADAR TEST WAVEFORMS

RADAR TYPE	PULSE WIDTH (µsec)	PRI (µsec)	NUMBER OF PULSES	MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION	MINIMUM NUMBER OF TRIALS
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

TABLE 11: LONG PULSE RADAR TEST WAVEFORM

RADAR TYPE	PULSE WIDTH (µsec)	CHIRP WIDTH (MHz)	PRI (µsec)	NUMBER OF PULSES PER BURST	NUMBER OF BURSTS	MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION	MINIMUM NUMBER OF TRIALS
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

TABLE 12: FREQUENCY HOPPING RADAR TEST WAVEFORM

RADAR TYPE	PULSE WIDTH (µsec)	PRI (µsec)	PULSES PER HOP	HOPPING RATE (kHz)	HOPPING SEQUENCE LENGTH (msec)	MINIMUM PERCENTAGE OF SUCCESSFUL DETECTION	MINIMUM NUMBER OF TRIALS
6	1	333	9	0.333	300	70%	30

4. TEST & SUPPORT EQUIPMENT LIST

4.1 TEST INSTRUMENTS

TABLE 1: TEST INSTRUMENTS LIST

DESCRIPTION & MANUFACTURER	MODEL NO.	BRAND	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
R&S Spectrum analyzer	FSP40	R&S	2013/01/28	2014/01/27
Signal generator	8645A	Agilent	2013/06/25	2014/06/24
Oscilloscope	TDS 5104	Tektronix	2013/03/08	2014/03/07

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

NO.	PRODUCT	BRAND	MODEL NO.	FCC ID
1	Wireless USB adapter	NETGEAR	WNDA3100	PY310100130

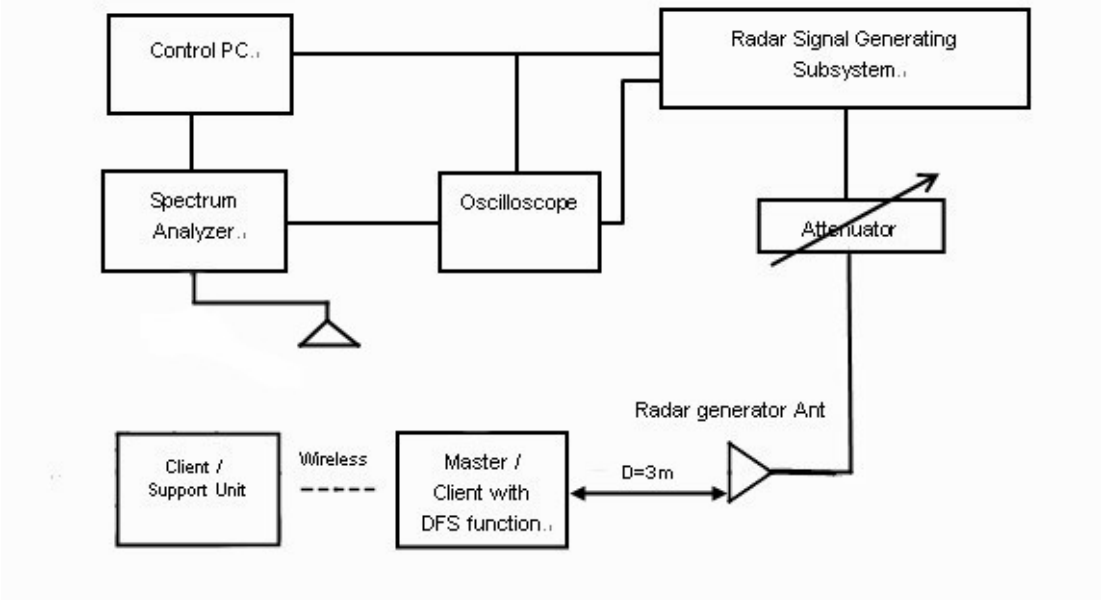
NOTE: This device was functioned as a ☐Master ☒Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM

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

Radiated setup configuration of ADT DFS Measurement System

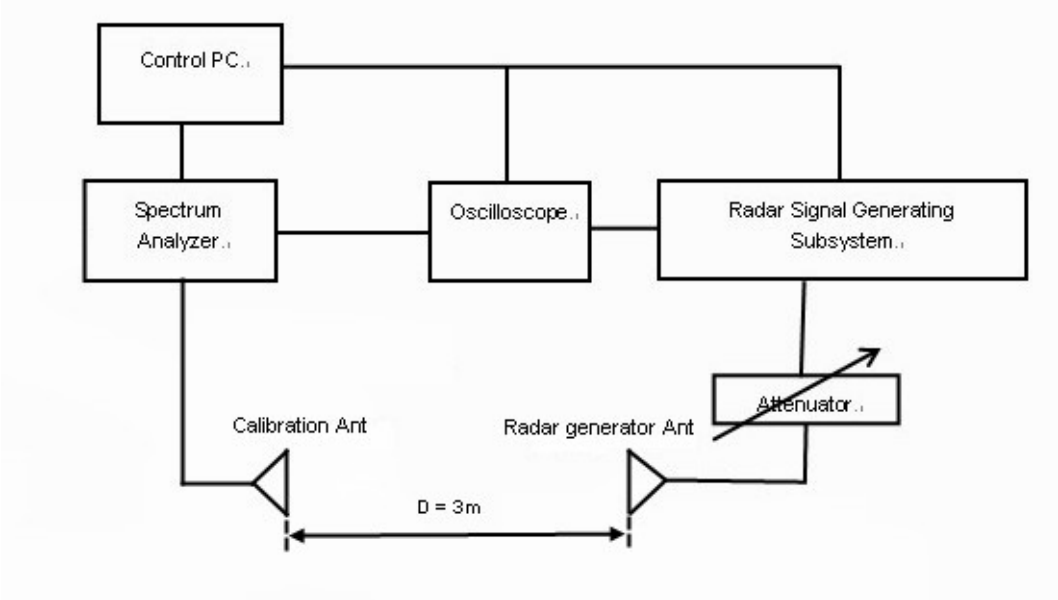


The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: http://ntiacsd.ntia.doc.gov/dfs/.

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

The measured channel is 5500MHz and 5510MHz. The radar signal was the same as transmitted channels, and injected into the 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

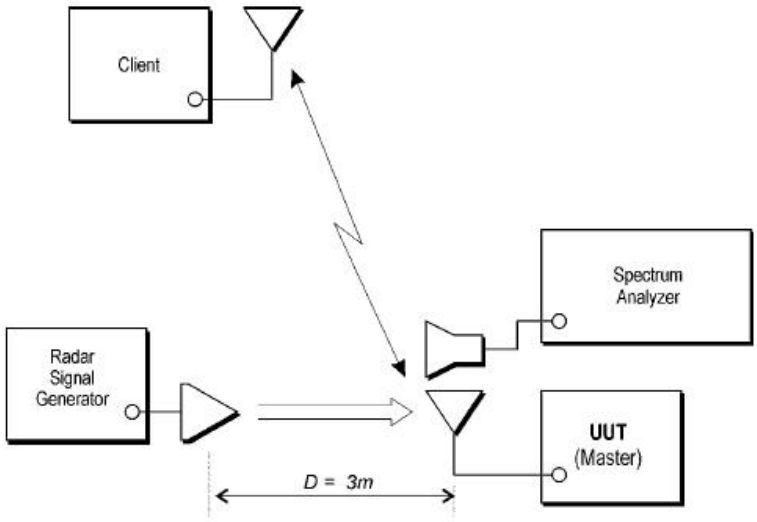


5.3 DEVIATION FROM TEST STANDARD

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

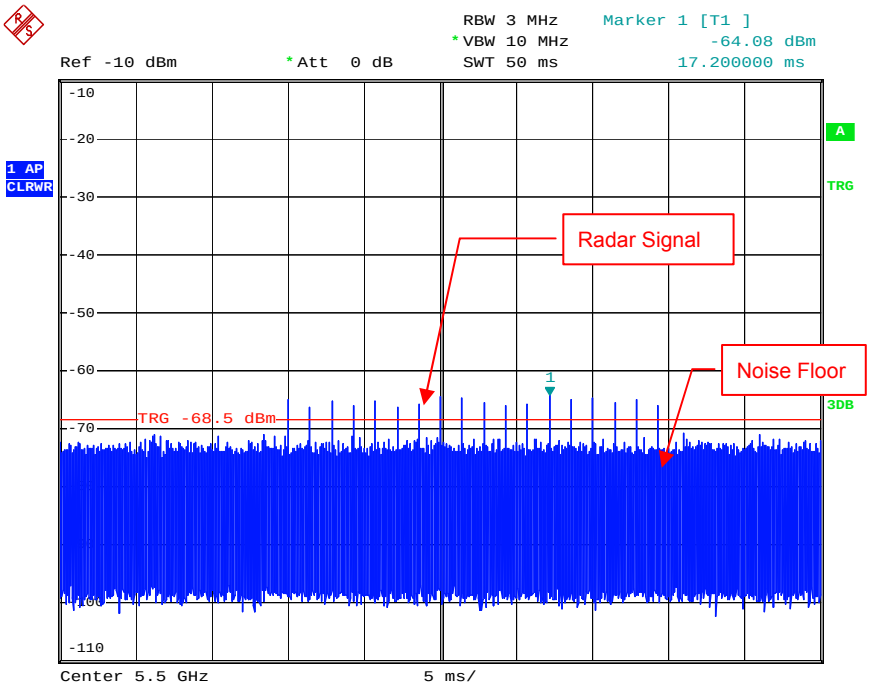
6.2 TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE

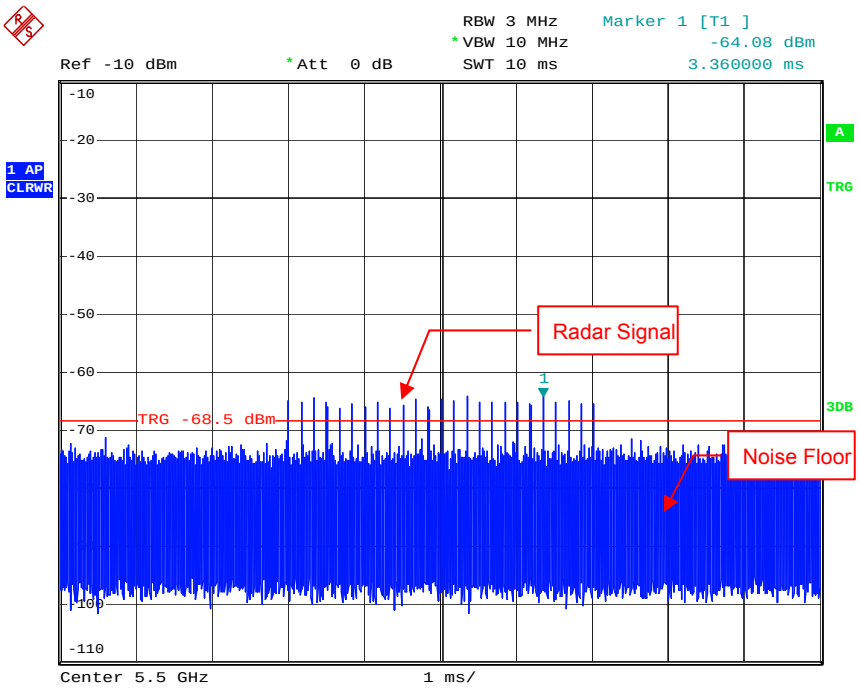
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

DFS DETECTION THRESHOLD

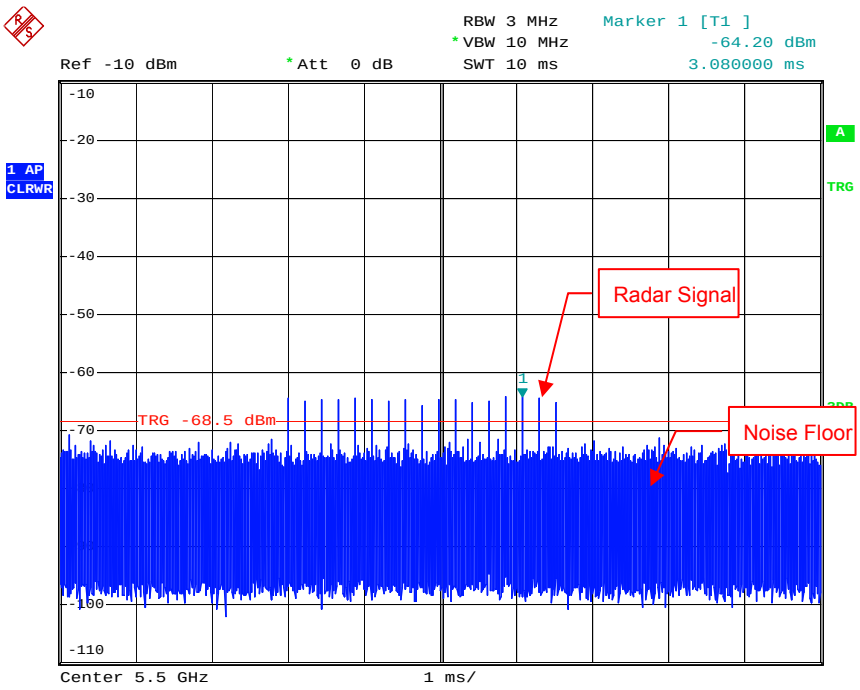
For a detection threshold level of -64dBm, the required signal strength at EUT antenna location is -64 dBm. The tested level is lower than required level hence it provides margin to the limit.



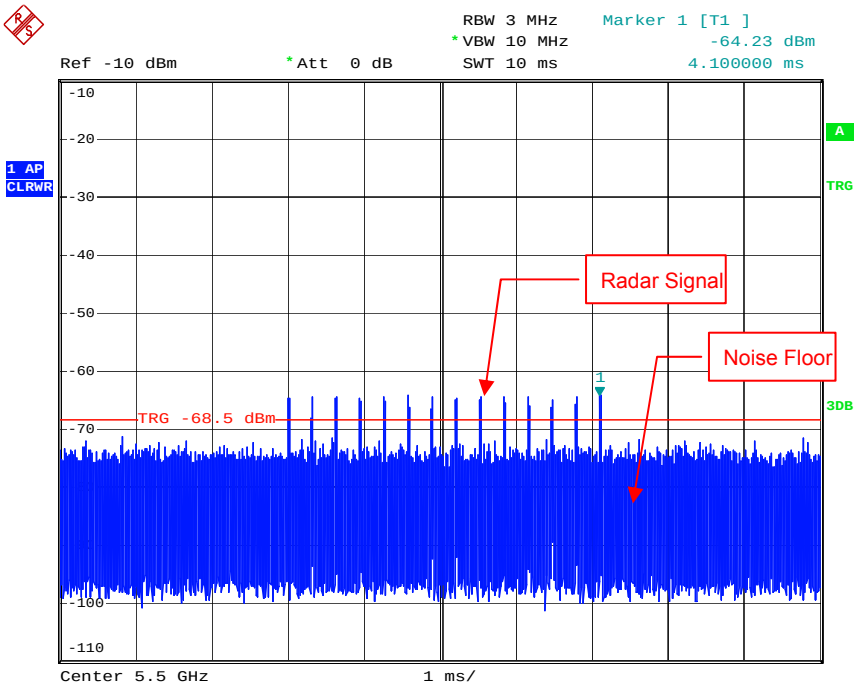
Radar Signal 1



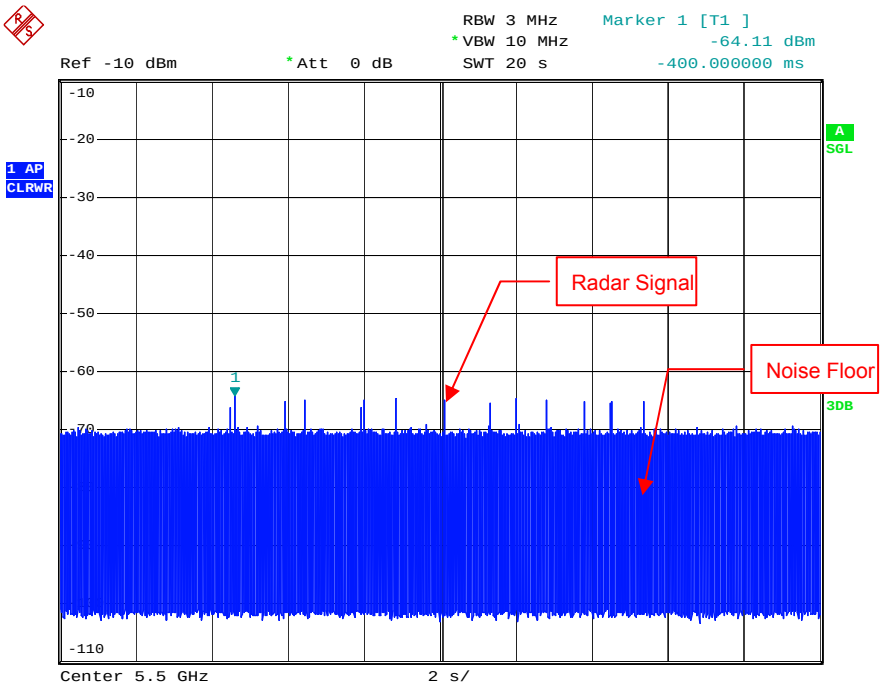
Radar Signal 2



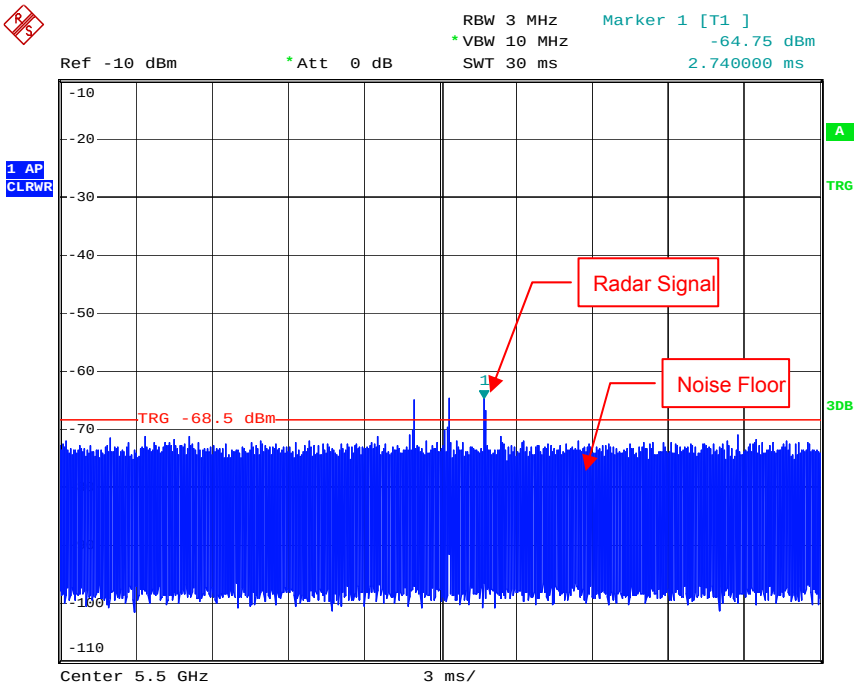
Radar Signal 3



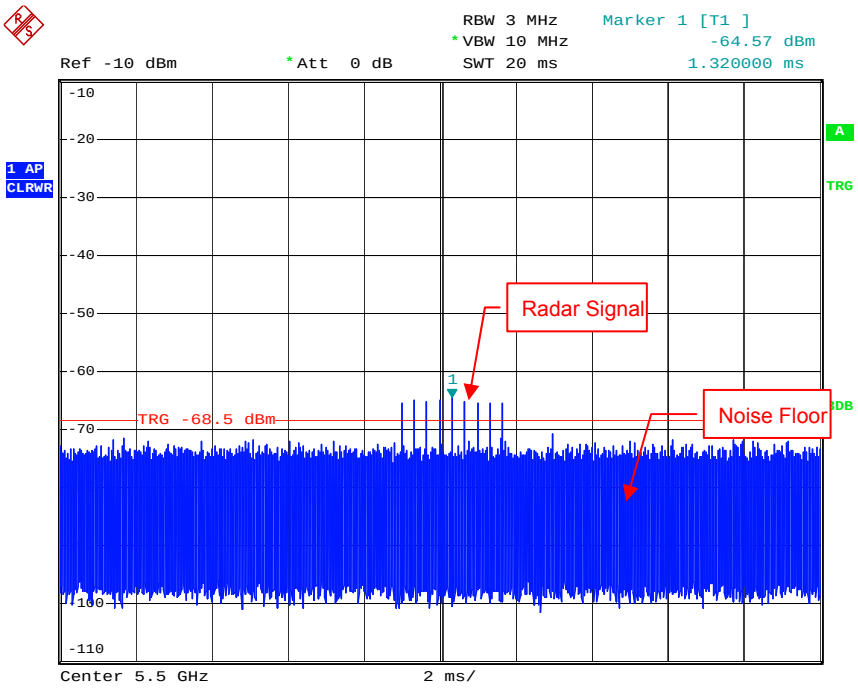
Radar Signal 4



Radar Signal 5



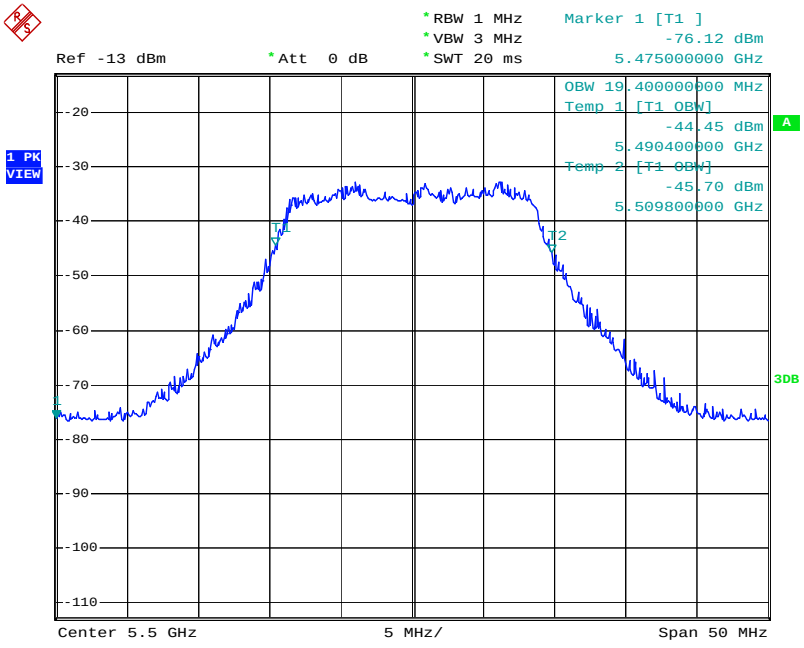
Single Burst of Radar Signal 5



Radar Signal 6

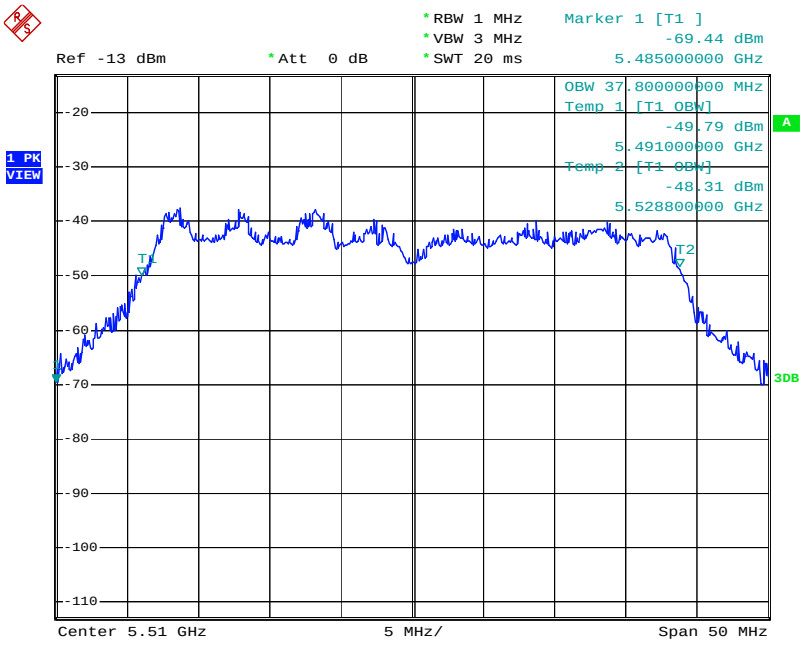
6.2.2 U-NII DETECTION BANDWIDTH

IEEE 802.11n 20MHz



U-NII 99% Channel bandwidth

IEEE 802.11n 40MHz



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11n 20MHz											
EUT Frequency: 5500MHz EUT 99% Power bandwidth: 19.4MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 15.52MHz Detection bandwidth (5508(FH) – 5492(FL)) : 16MHz 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	Y	N	Y	Y	Y	Y	Y	N	Y	Y	80
5490	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492(FL)	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(FH)	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	N	Y	Y	Y	Y	Y	90
5511	Y	N	Y	N	Y	Y	N	Y	Y	Y	70
5512	N	N	N	N	N	N	N	N	N	N	0

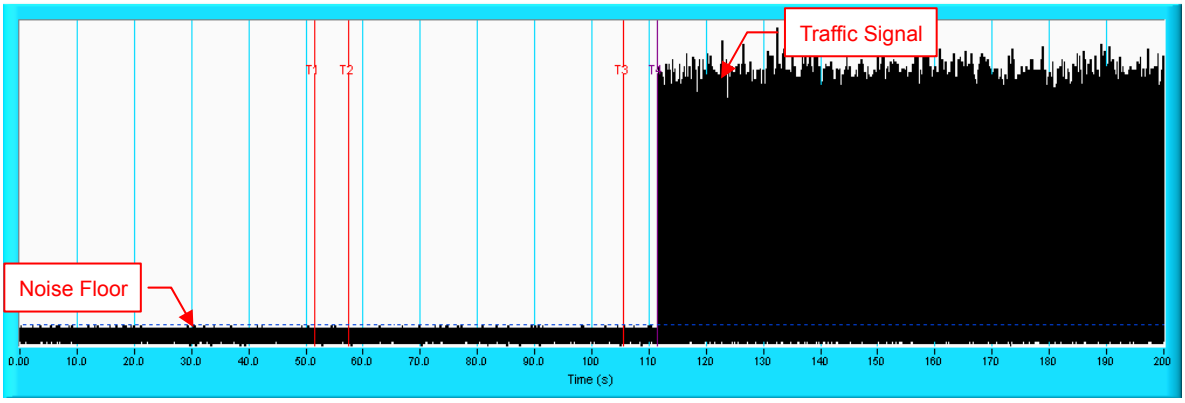
Detection Bandwidth Test - IEEE 802.11n 40MHz											
EUT Frequency: 5510MHz EUT 99% Power bandwidth: 38.7MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 30.24MHz Detection bandwidth (5526(FH) – 5494(FL)) : 32MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	N	N	N	N	N	N	N	N	N	N	0
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	50
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(FL)	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(FH)	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	N	Y	Y	90
5529	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.

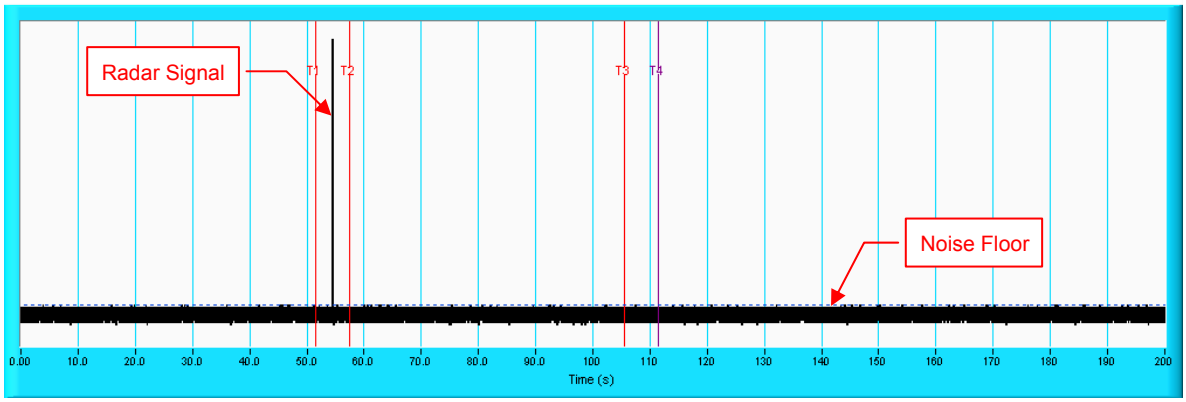
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



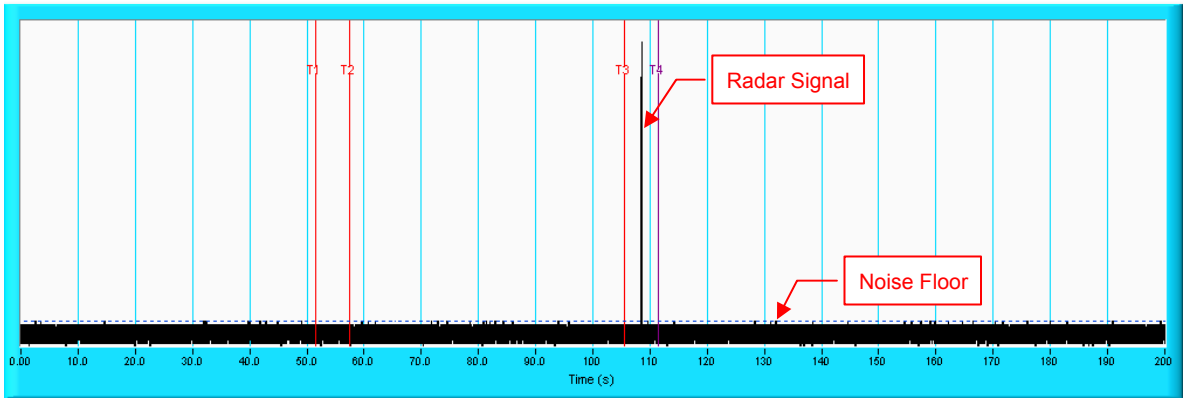
NOTE: T1 denotes the end of power-up time period is 51.5th second. T4 denotes the end of Channel Availability Check time is 111.5th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 51.5th second. T2 denotes 57.5th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 111.5th second.

Radar Burst at the End of the Channel Availability Check Time

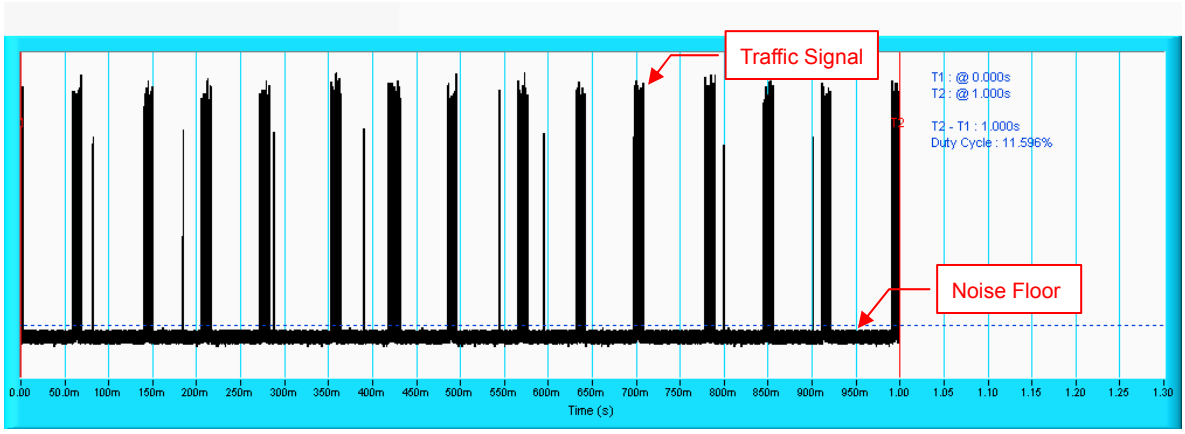


NOTE: T1 denotes the end of power up time period is 51.5th second. T3 denotes 105.5th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 111.5th second.

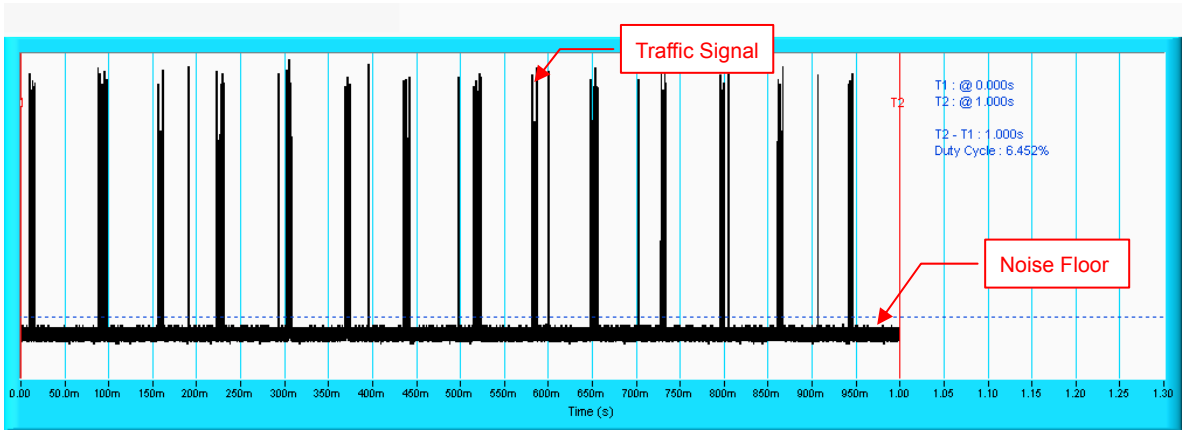
6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

Wireless Traffic Loading

IEEE 802.11n 20MHz



IEEE 802.11n 40MHz



IEEE 802.11n 20MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	76.7
3	6-10	200-500	16-18	30	80
4	11-20	200-500	12-16	30	86.7
Aggregate (Radar Types 1-4)				120	88.35

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

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

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

IEEE 802.11n 40MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	90
3	6-10	200-500	16-18	30	86.7
4	11-20	200-500	12-16	30	80
Aggregate (Radar Types 1-4)				120	95

Table 2: Long Pulse Radar Test Waveform

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

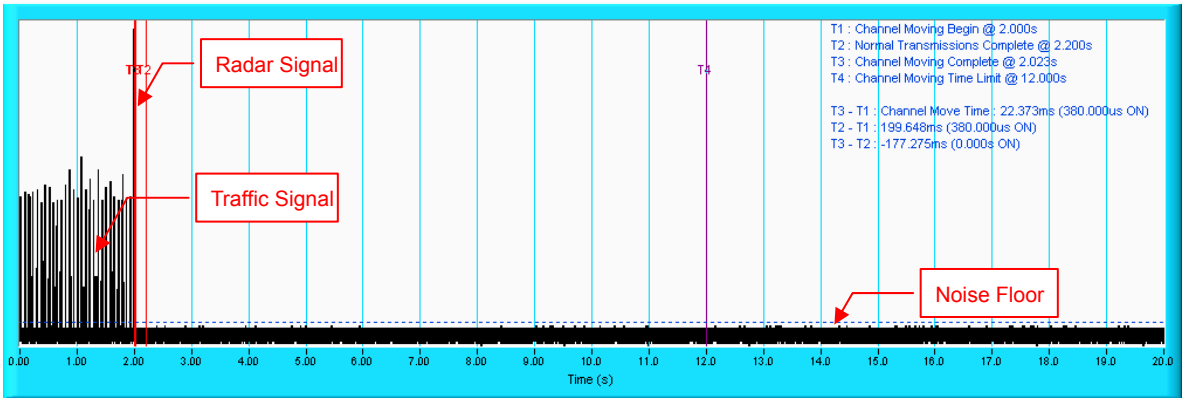
Table 3: Frequency Hopping Radar Test Waveform

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

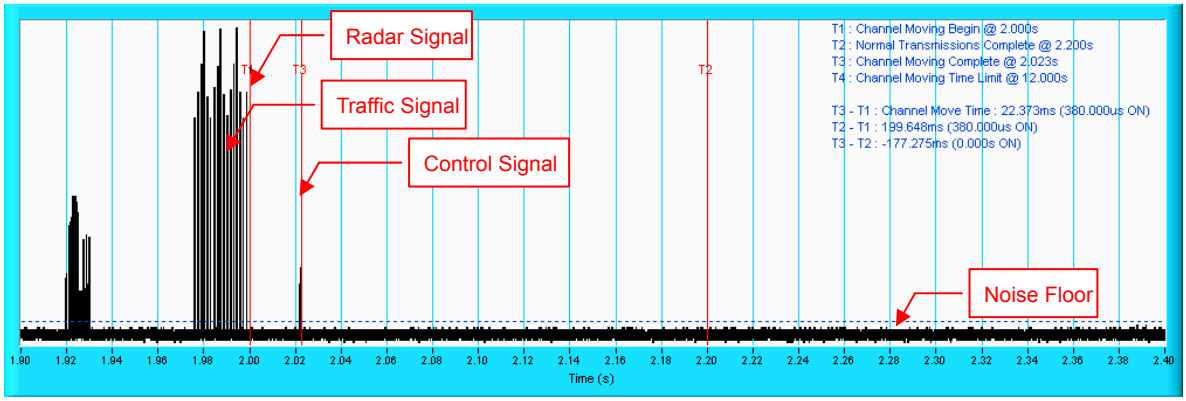
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

IEEE 802.11n 20MHz



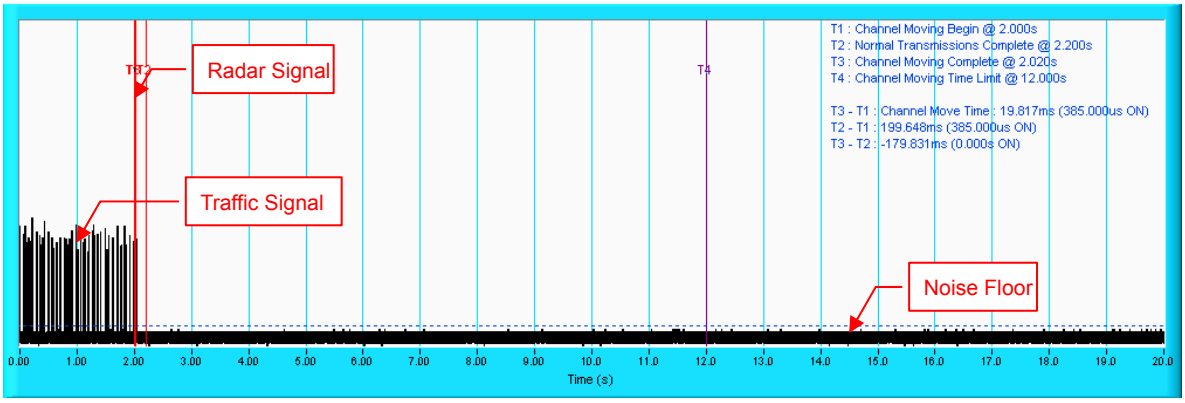
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



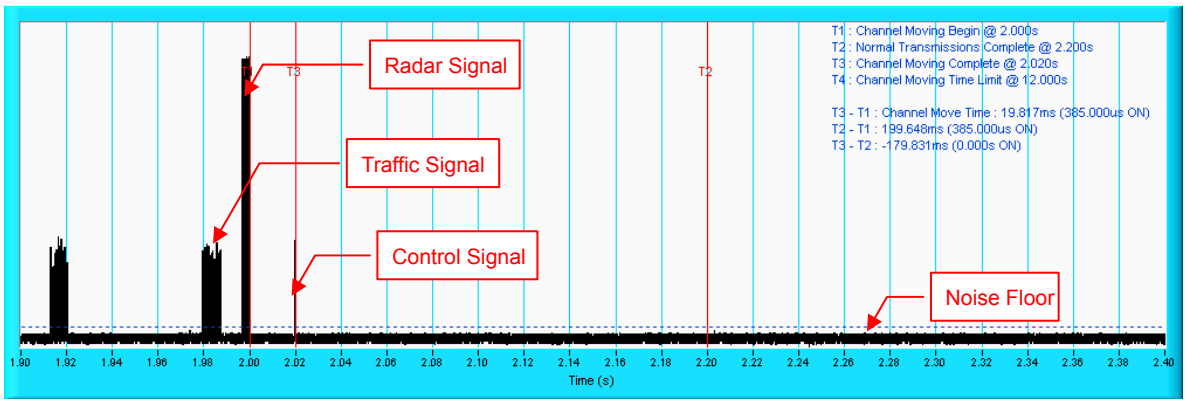
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

IEEE 802.11n 20MHz



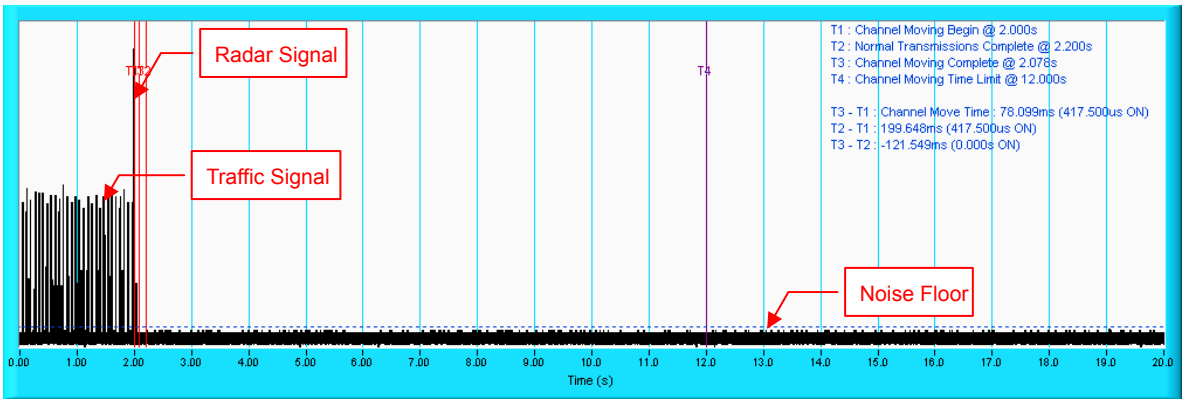
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



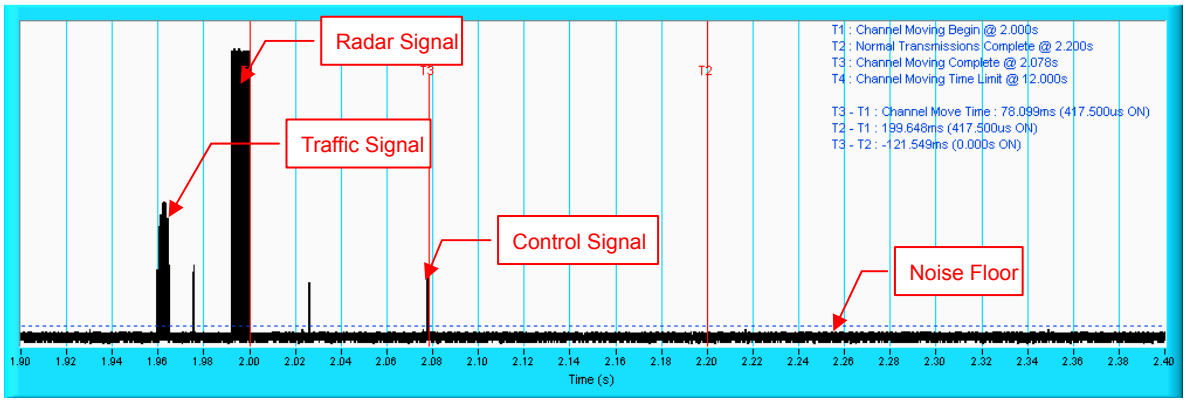
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

IEEE 802.11n 20MHz



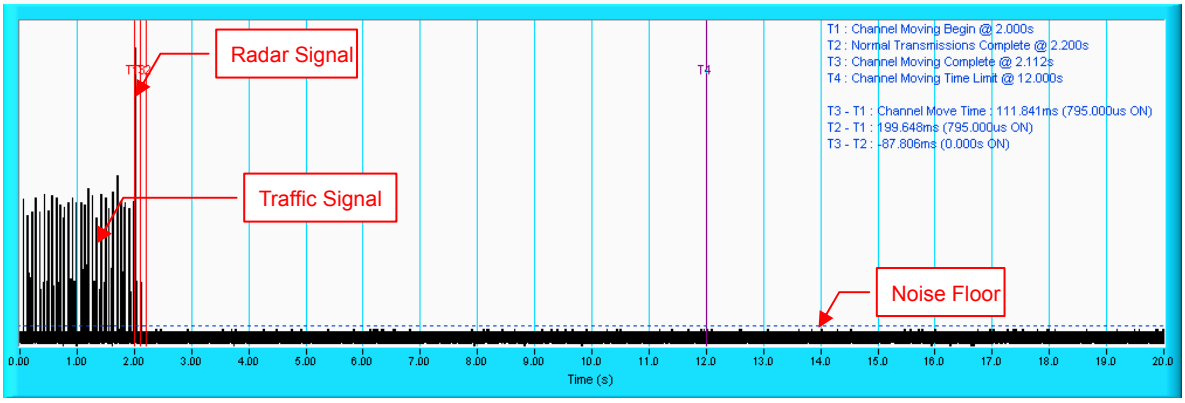
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



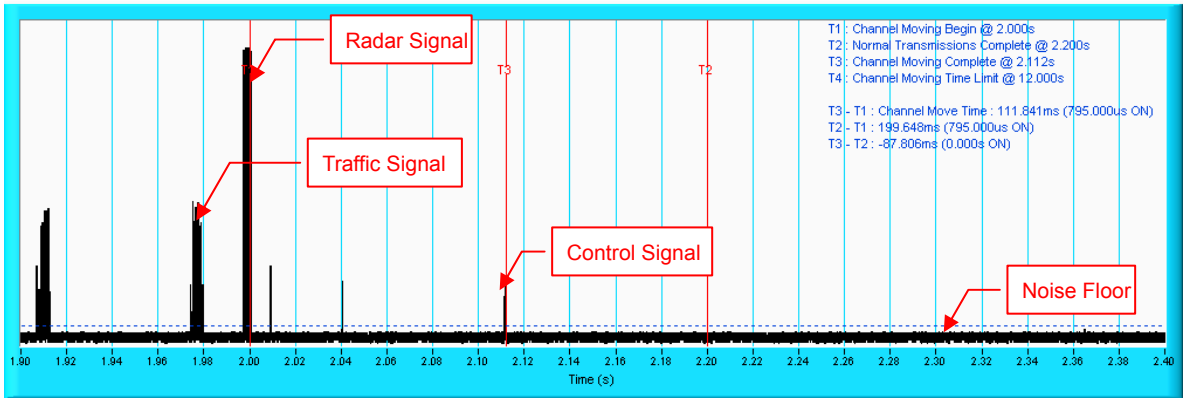
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

IEEE 802.11n 20MHz



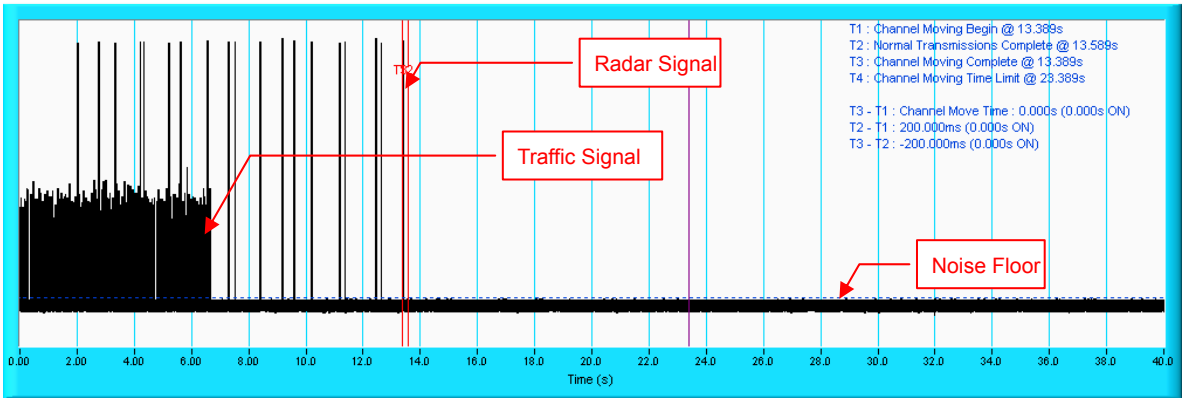
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



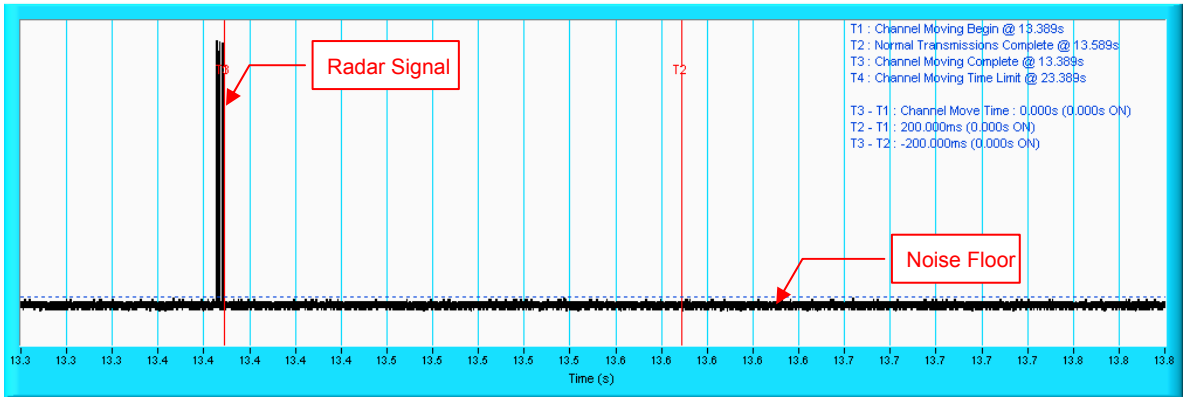
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5

IEEE 802.11n 20MHz



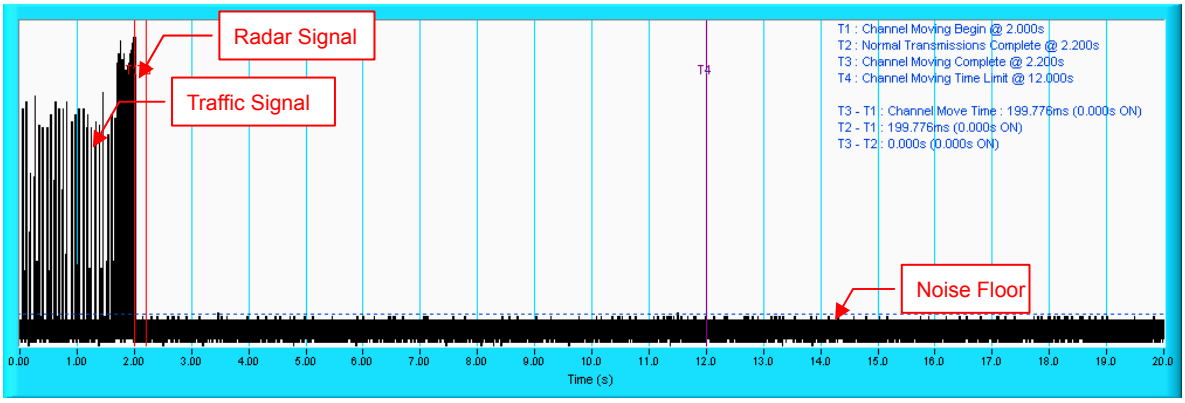
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



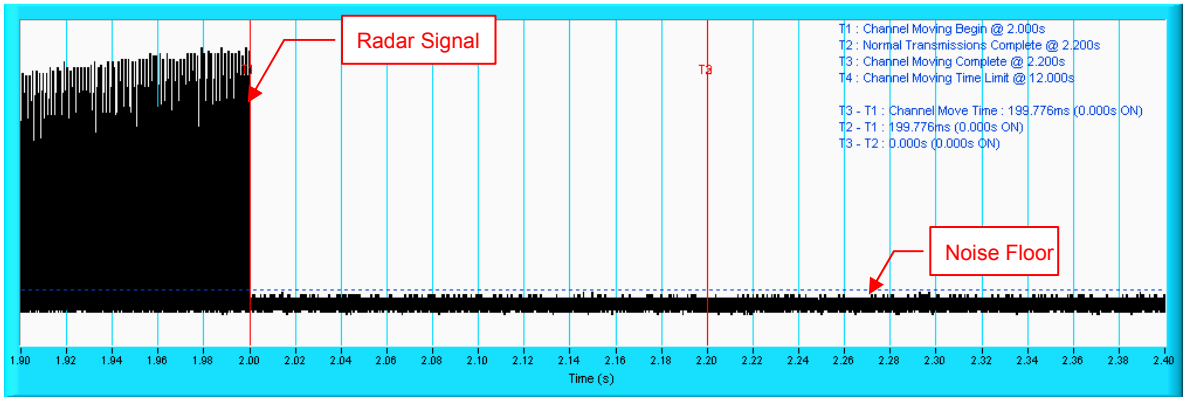
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 6

IEEE 802.11n 20MHz



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.



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

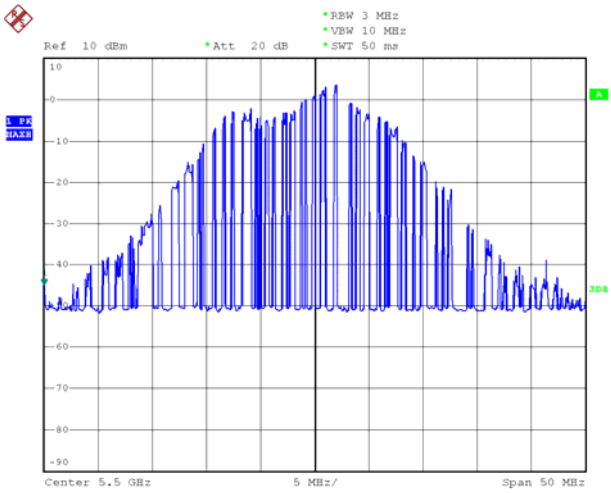
6.2.5 NON-OCCUPANCY PERIOD

Associate test:

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

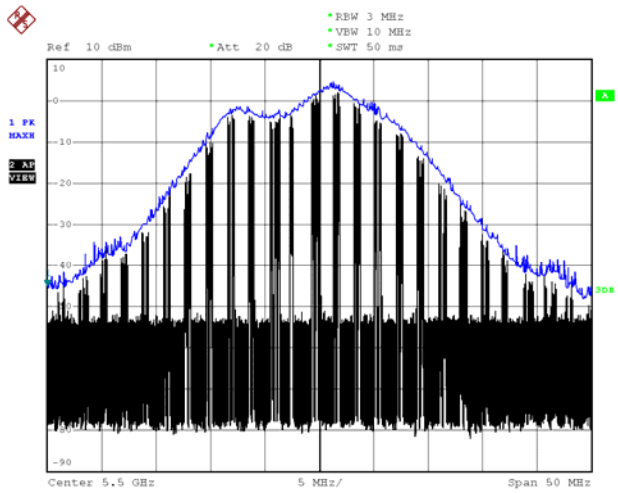
1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



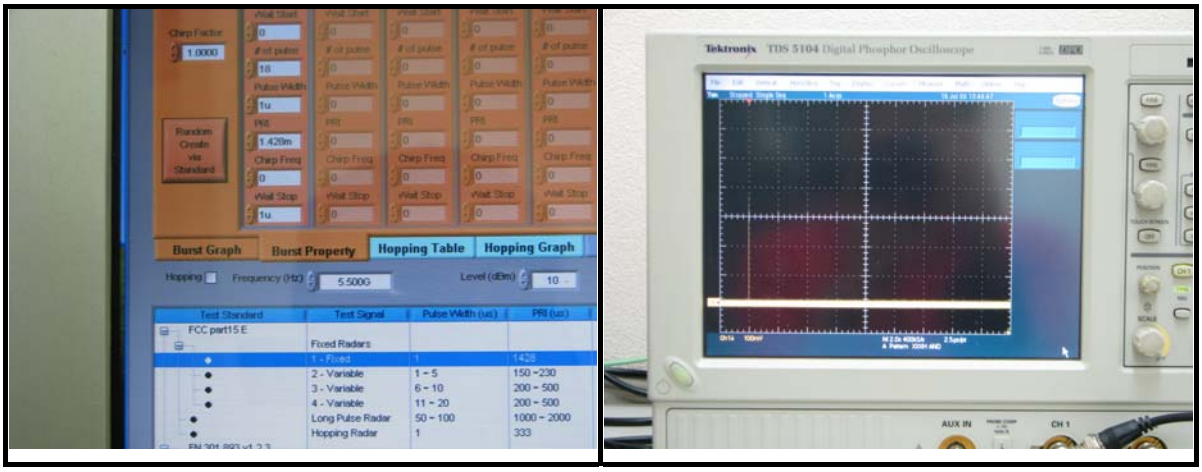
2) Client plays specified files via master.

Waveform of transmission

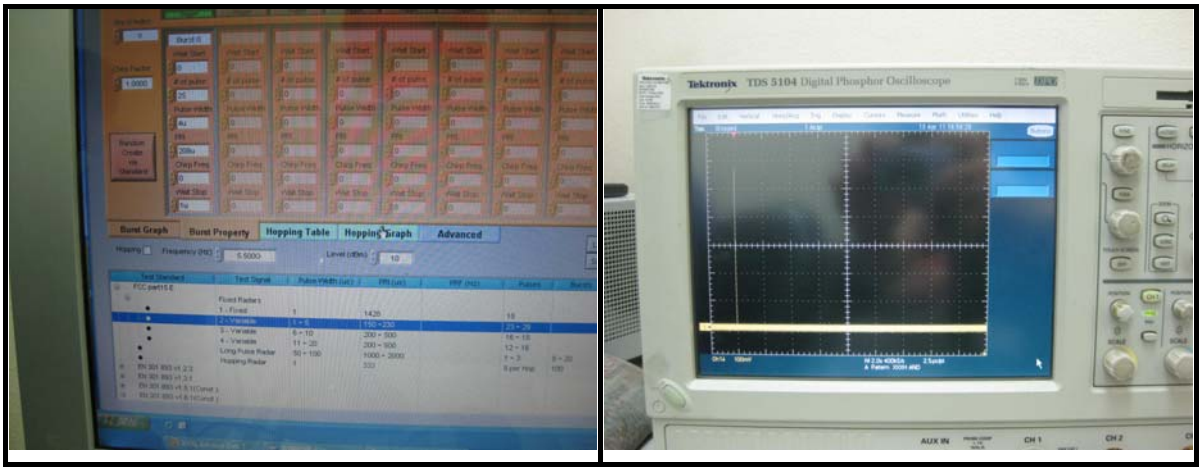


3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

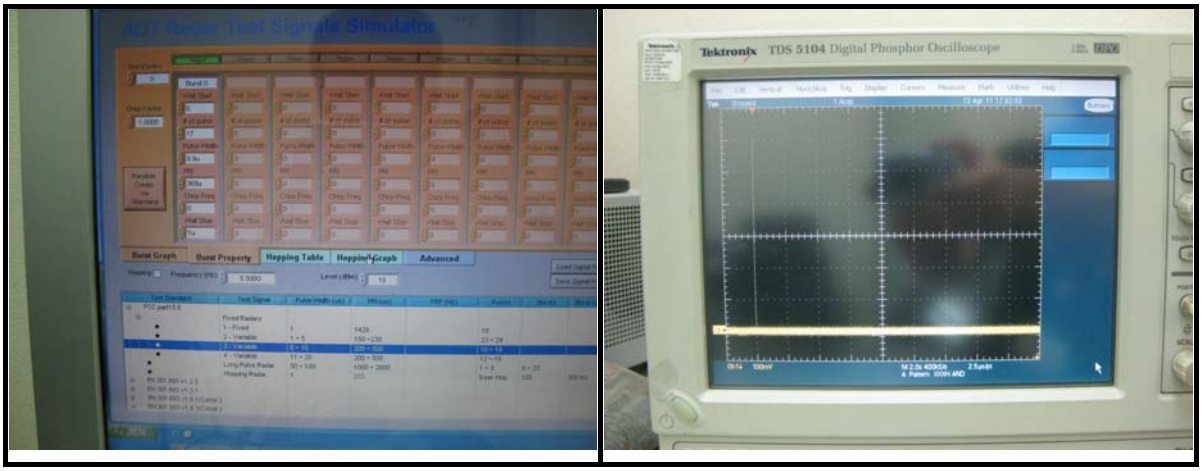
Radar 1



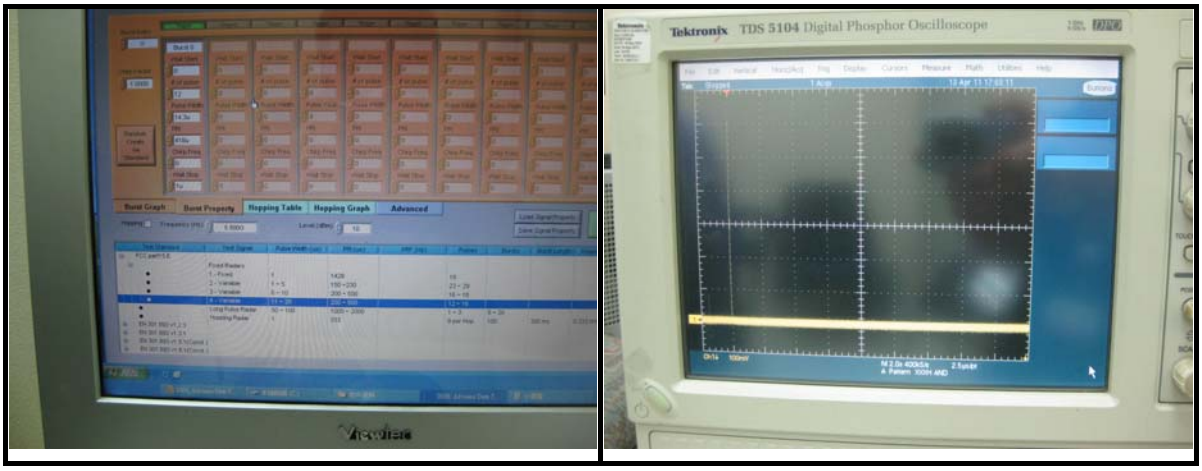
Radar 2



Radar 3



Radar 4



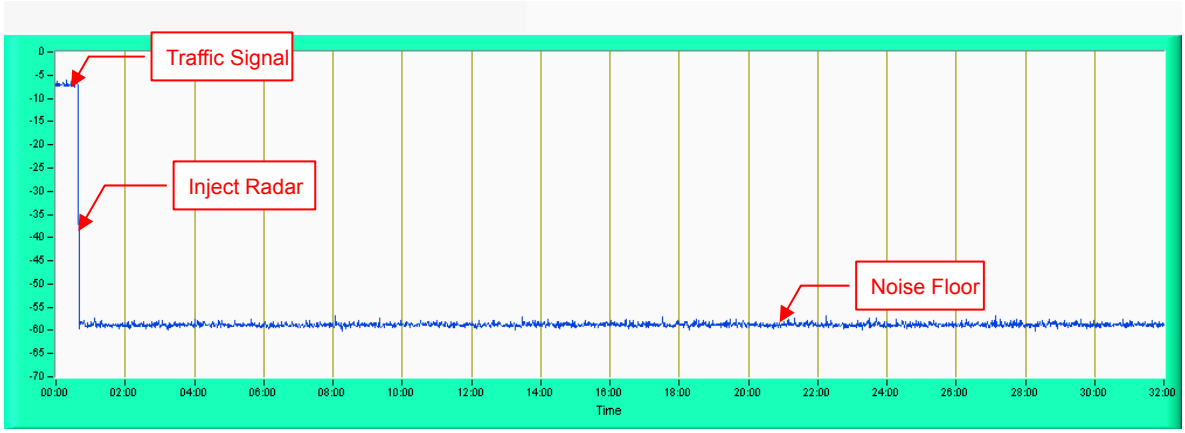
Radar 5

Radar 6

4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11an 20MHz



NOTE: Test setup are shown on Test set up 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)

According to FCC 15.407(h)(1) 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 Lab:
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Telecom 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.

8. APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.

---END---

Annex-A

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

IEEE 802.11N 20MHz

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	24	4.5u	192.0u	YES
2	24	4.6u	176.0u	NO
3	28	2.4u	186.0u	YES
4	23	3.9u	151.0u	NO
5	23	1.5u	153.0u	YES
6	27	2.6u	197.0u	NO
7	26	1.1u	224.0u	NO
8	25	1.3u	195.0u	YES
9	28	2.7u	223.0u	YES
10	27	2.0u	155.0u	NO
11	29	1.5u	222.0u	YES
12	23	3.6u	177.0u	YES
13	25	2.5u	160.0u	YES
14	28	3.5u	159.0u	NO
15	26	4.5u	159.0u	YES
16	24	5.0u	151.0u	YES
17	26	2.8u	181.0u	YES
18	26	1.4u	198.0u	YES
19	25	2.3u	182.0u	YES
20	28	4.1u	175.0u	YES
21	24	4.0u	207.0u	YES
22	25	2.7u	218.0u	YES
23	26	1.2u	151.0u	YES
24	23	1.5u	199.0u	YES
25	27	1.5u	182.0u	YES
26	26	4.9u	219.0u	NO
27	27	2.0u	193.0u	YES
28	25	3.0u	152.0u	YES
29	26	3.8u	219.0u	YES
30	28	4.9u	170.0u	YES
				Detection Rate: 76.7 %

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	7.0u	231.0u	NO
2	16	8.8u	424.0u	YES
3	17	6.8u	487.0u	YES
4	17	9.3u	446.0u	YES
5	17	8.5u	302.0u	NO
6	18	7.5u	371.0u	NO
7	17	9.4u	334.0u	YES
8	17	9.9u	218.0u	YES
9	16	8.0u	320.0u	YES
10	16	6.2u	493.0u	YES
11	17	8.7u	404.0u	YES
12	18	9.6u	393.0u	YES
13	18	8.6u	245.0u	NO
14	16	7.1u	379.0u	YES
15	17	7.4u	438.0u	YES
16	17	9.6u	224.0u	YES
17	17	6.6u	207.0u	YES
18	17	9.7u	420.0u	YES
19	17	9.3u	320.0u	YES
20	16	8.0u	458.0u	YES
21	17	7.0u	278.0u	YES
22	17	7.4u	415.0u	NO
23	17	7.6u	342.0u	NO
24	17	8.9u	379.0u	YES
25	18	8.0u	252.0u	YES
26	17	6.9u	459.0u	YES
27	17	8.2u	493.0u	YES
28	17	6.4u	244.0u	YES
29	17	6.8u	414.0u	YES
30	18	8.0u	232.0u	YES
				Detection Rate: 80 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	12.1u	371.0u	YES
2	15	11.6u	370.0u	YES
3	15	16.0u	385.0u	YES
4	15	18.7u	426.0u	YES
5	16	12.3u	266.0u	NO
6	15	17.4u	462.0u	YES
7	13	19.1u	500.0u	YES
8	14	17.8u	397.0u	YES
9	14	18.3u	269.0u	YES
10	14	18.7u	435.0u	YES
11	15	16.2u	328.0u	YES
12	14	15.9u	374.0u	YES
13	14	14.5u	426.0u	YES
14	16	18.1u	424.0u	NO
15	12	15.2u	259.0u	YES
16	13	19.2u	223.0u	YES
17	14	14.7u	217.0u	YES
18	14	15.7u	398.0u	YES
19	13	12.2u	397.0u	YES
20	16	18.3u	214.0u	YES
21	13	14.2u	491.0u	YES
22	13	13.1u	405.0u	YES
23	12	13.4u	255.0u	YES
24	14	14.4u	432.0u	NO
25	12	12.2u	303.0u	YES
26	15	14.3u	491.0u	YES
27	13	17.2u	458.0u	YES
28	13	13.6u	354.0u	NO
29	14	12.0u	479.0u	YES
30	14	17.8u	260.0u	YES
				Detection Rate: 86.7 %

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	NO
2	LP_Signal_02	YES
3	LP_Signal_03	YES
4	LP_Signal_04	YES
5	LP_Signal_05	YES
6	LP_Signal_06	NO
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	NO
16	LP_Signal_16	YES
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
21	LP_Signal_21	YES
22	LP_Signal_22	YES
23	LP_Signal_23	YES
24	LP_Signal_24	YES
25	LP_Signal_25	YES
26	LP_Signal_26	YES
27	LP_Signal_27	YES
28	LP_Signal_28	YES
29	LP_Signal_29	YES
30	LP_Signal_30	YES
		Detection Rate: 86.7 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 14

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	56.3u	1.441m	-	316.4m
2	3	9M	54.4u	1.791m	1.474m	213.4m
3	1	8M	70.2u	-	-	792.1m
4	2	12M	84.2u	1.122m	-	730.3m
5	1	12M	86.2u	-	-	342.8m
6	1	6M	81.4u	-	-	765.0m
7	3	10M	87.0u	1.698m	1.062m	398.5m
8	2	19M	98.5u	1.390m	-	535.2m
9	3	17M	70.6u	1.850m	1.555m	589.2m
10	1	5M	62.7u	-	-	803.9m
11	1	16M	73.1u	-	-	655.3m
12	2	8M	50.4u	1.943m	-	330.8m
13	3	15M	57.1u	1.117m	1.274m	63.05m
14	2	16M	63.9u	965.1u	-	23.17m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	64.8u	-	-	958.5m
2	3	13M	72.0u	1.884m	1.867m	790.1m
3	1	7M	76.9u	-	-	867.7m
4	2	11M	76.2u	1.260m	-	623.0m
5	3	9M	66.8u	1.393m	1.686m	858.3m
6	2	13M	58.9u	1.170m	-	152.5m
7	2	18M	68.4u	1.908m	-	804.8m
8	1	8M	54.3u	-	-	37.32m
9	2	10M	59.2u	1.830m	-	837.6m
10	3	14M	50.6u	1.014m	1.310m	668.3m
11	2	15M	81.9u	1.442m	-	369.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	90.4u	1.834m	-	1.038
2	1	17M	69.8u	-	-	1.274
3	1	5M	87.5u	-	-	334.7m
4	3	9M	70.7u	1.720m	955.3u	1.428
5	1	20M	68.4u	-	-	1.033
6	3	13M	84.4u	1.348m	1.532m	606.1m
7	2	18M	80.6u	1.802m	-	1.136
8	3	14M	74.3u	1.142m	1.316m	100.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 10

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	64.4u	1.436m	-	295.2m
2	3	9M	59.2u	1.203m	1.916m	726.3m
3	1	12M	74.5u	-	-	271.6m
4	3	8M	80.8u	1.805m	1.076m	648.5m
5	1	11M	83.2u	-	-	101.1m
6	2	9M	88.4u	1.154m	-	353.6m
7	2	18M	57.9u	1.282m	-	1.126
8	3	7M	96.9u	1.333m	1.389m	95.97m
9	1	6M	70.9u	-	-	341.3m
10	2	17M	90.9u	910.1u	-	582.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 15

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	83.4u	1.445m	-	108.0m
2	3	6M	90.0u	1.414m	1.105m	91.10m
3	2	14M	78.4u	1.881m	-	218.7m
4	2	7M	72.8u	1.898m	-	590.2m
5	2	18M	82.8u	1.854m	-	659.3m
6	2	11M	74.2u	1.733m	-	350.6m
7	1	8M	59.4u	-	-	110.5m
8	3	11M	71.5u	1.639m	1.458m	622.3m
9	3	15M	83.5u	1.074m	1.076m	603.1m
10	1	12M	65.0u	-	-	155.5m
11	2	6M	95.7u	1.743m	-	527.2m
12	2	5M	96.4u	978.6u	-	718.3m
13	2	17M	79.6u	1.037m	-	286.1m
14	1	16M	64.5u	-	-	273.6m
15	1	9M	75.5u	-	-	591.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 15

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	99.2u	1.216m	-	237.7m
2	1	8M	81.6u	-	-	715.3m
3	2	6M	53.3u	1.327m	-	578.9m
4	2	10M	63.0u	975.0u	-	514.5m
5	2	18M	92.7u	1.694m	-	273.1m
6	3	18M	60.7u	1.726m	1.763m	675.1m
7	3	12M	59.8u	1.839m	1.304m	566.3m
8	1	19M	86.1u	-	-	62.48m
9	3	17M	78.7u	1.323m	941.3u	125.0m
10	2	8M	67.8u	1.635m	-	436.2m
11	3	8M	88.0u	928.0u	1.531m	97.16m
12	2	6M	95.6u	1.638m	-	792.3m
13	2	10M	78.5u	1.489m	-	678.8m
14	2	15M	74.2u	928.8u	-	533.8m
15	2	5M	55.7u	1.643m	-	420.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	88.0u	1.839m	1.649m	590.4m
2	3	7M	68.6u	1.619m	1.874m	253.0m
3	2	11M	97.2u	1.177m	-	529.6m
4	1	17M	73.8u	-	-	288.7m
5	1	10M	91.6u	-	-	110.0m
6	1	10M	98.2u	-	-	69.47m
7	2	14M	69.8u	1.661m	-	208.0m
8	2	9M	68.6u	1.280m	-	72.69m
9	2	14M	87.7u	945.3u	-	69.90m
10	2	8M	61.7u	1.773m	-	486.7m
11	2	14M	79.4u	1.785m	-	56.30m
12	2	8M	71.7u	1.558m	-	551.8m
13	3	13M	87.2u	1.879m	964.8u	207.8m
14	3	17M	85.8u	974.2u	1.131m	570.1m
15	3	17M	53.8u	1.277m	1.178m	469.9m
16	2	7M	65.1u	1.865m	-	11.98m
17	2	10M	59.2u	1.110m	-	34.99m
18	2	14M	67.2u	1.805m	-	467.4m
19	3	19M	61.7u	1.095m	1.328m	587.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 14

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	13M	86.2u	-	-	832.5m
2	2	16M	63.4u	1.126m	-	461.4m
3	2	17M	86.2u	1.225m	-	572.6m
4	2	7M	88.1u	955.9u	-	228.8m
5	2	17M	70.5u	1.660m	-	735.7m
6	2	13M	96.0u	1.691m	-	449.8m
7	3	6M	89.6u	1.849m	1.565m	299.6m
8	2	16M	79.2u	1.538m	-	225.4m
9	3	13M	80.3u	1.819m	1.869m	678.3m
10	2	15M	52.3u	1.070m	-	463.5m
11	3	11M	56.2u	1.515m	1.530m	315.0m
12	2	7M	57.7u	1.183m	-	790.5m
13	2	14M	76.4u	1.688m	-	419.6m
14	2	9M	54.2u	1.497m	-	61.11m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 15

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	61.2u	1.670m	-	675.6m
2	3	8M	65.4u	1.375m	1.049m	296.9m
3	2	20M	98.5u	1.239m	-	637.8m
4	2	6M	50.6u	1.444m	-	616.8m
5	1	8M	52.8u	-	-	453.0m
6	3	11M	59.0u	1.223m	985.0u	420.4m
7	3	19M	100.0u	1.208m	1.577m	179.5m
8	2	7M	53.0u	1.745m	-	346.0m
9	1	11M	79.3u	-	-	353.6m
10	1	18M	62.9u	-	-	73.10m
11	3	17M	52.3u	1.526m	1.065m	589.8m
12	2	8M	69.3u	1.005m	-	18.90m
13	3	18M	54.1u	968.9u	1.753m	236.7m
14	3	13M	65.3u	1.840m	1.662m	643.8m
15	3	7M	51.0u	1.533m	1.226m	531.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	98.6u	1.198m	-	45.24m
2	3	19M	89.2u	1.002m	1.247m	426.6m
3	3	15M	81.6u	1.443m	1.427m	390.7m
4	1	12M	98.9u	-	-	115.2m
5	2	7M	89.4u	1.437m	-	20.59m
6	2	19M	76.4u	1.730m	-	358.5m
7	2	19M	96.3u	1.197m	-	123.0m
8	3	9M	97.2u	1.590m	1.768m	420.1m
9	2	20M	55.8u	1.788m	-	105.0m
10	1	7M	85.8u	-	-	76.65m
11	1	14M	71.9u	-	-	251.6m
12	1	7M	97.8u	-	-	353.2m
13	3	12M	83.0u	1.224m	1.736m	589.5m
14	2	10M	65.7u	1.660m	-	201.8m
15	2	19M	60.2u	977.8u	-	215.2m
16	3	9M	86.5u	1.174m	1.659m	367.8m
17	3	16M	73.2u	1.043m	1.010m	250.4m
18	2	11M	83.3u	1.061m	-	483.1m
19	1	17M	74.5u	-	-	300.6m
20	2	16M	90.0u	1.596m	-	219.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
Number of Bursts in Trial: 19

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	62.0u	1.096m	-	424.5m
2	2	6M	64.9u	1.731m	-	297.6m
3	2	9M	58.5u	1.257m	-	14.30m
4	3	10M	51.4u	1.861m	1.156m	91.18m
5	2	7M	61.1u	1.869m	-	129.0m
6	2	14M	76.4u	1.118m	-	510.9m
7	2	20M	53.2u	1.827m	-	616.5m
8	2	11M	74.5u	1.541m	-	190.1m
9	2	10M	93.3u	1.404m	-	605.5m
10	3	10M	82.8u	1.293m	1.911m	432.6m
11	1	7M	55.5u	-	-	298.4m
12	2	10M	85.1u	1.161m	-	567.2m
13	1	14M	87.1u	-	-	201.1m
14	1	8M	82.7u	-	-	588.1m
15	2	9M	70.0u	1.592m	-	32.68m
16	1	10M	74.2u	-	-	581.9m
17	2	9M	86.8u	1.708m	-	180.0m
18	3	15M	76.9u	1.020m	1.274m	248.7m
19	1	5M	63.9u	-	-	12.07m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_12
Number of Bursts in Trial: 18

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	91.6u	1.883m	-	199.6m
2	1	7M	55.4u	-	-	262.6m
3	2	18M	91.0u	1.278m	-	275.4m
4	2	11M	97.8u	938.2u	-	117.4m
5	2	11M	81.8u	1.112m	-	464.8m
6	2	8M	93.2u	1.329m	-	639.0m
7	3	17M	83.4u	1.860m	1.478m	333.1m
8	2	8M	71.6u	1.227m	-	11.31m
9	3	8M	66.1u	1.672m	1.587m	480.2m
10	2	6M	56.8u	1.782m	-	504.2m
11	2	9M	63.2u	1.335m	-	129.0m
12	1	5M	74.3u	-	-	369.9m
13	3	14M	78.2u	1.657m	1.119m	6.944m
14	1	14M	89.0u	-	-	517.8m
15	2	6M	55.9u	1.179m	-	498.9m
16	2	9M	96.3u	1.858m	-	161.0m
17	3	12M	70.7u	1.477m	1.199m	532.0m
18	2	13M	71.6u	1.472m	-	661.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_13
Number of Bursts in Trial: 9

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	99.7u	981.3u	1.005m	673.2m
2	2	7M	53.2u	1.758m	-	279.6m
3	3	18M	54.8u	965.2u	1.680m	5.661m
4	1	6M	73.7u	-	-	1.304
5	2	15M	61.1u	1.772m	-	1.068
6	2	20M	55.6u	1.089m	-	978.9m
7	2	11M	79.1u	1.105m	-	131.1m
8	2	17M	56.6u	1.184m	-	1.210
9	2	16M	84.1u	1.133m	-	1.036

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	62.9u	1.282m	1.100m	160.6m
2	2	17M	94.2u	1.094m	-	214.6m
3	2	14M	59.2u	1.099m	-	451.7m
4	2	19M	76.5u	1.138m	-	376.3m
5	2	17M	75.2u	1.202m	-	453.4m
6	3	6M	65.3u	1.450m	1.033m	542.8m
7	1	17M	86.5u	-	-	370.5m
8	1	14M	67.2u	-	-	112.4m
9	3	18M	96.2u	1.094m	1.317m	89.29m
10	1	19M	54.2u	-	-	566.1m
11	3	8M	83.5u	963.5u	1.734m	216.7m
12	3	19M	73.8u	1.217m	1.603m	27.71m
13	2	13M	91.5u	1.547m	-	434.3m
14	2	9M	52.5u	1.889m	-	447.9m
15	3	11M	85.8u	1.615m	1.249m	610.7m
16	2	16M	86.9u	1.357m	-	601.0m
17	2	10M	86.7u	976.3u	-	94.32m
18	1	6M	96.5u	-	-	131.8m
19	2	20M	76.7u	946.3u	-	487.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	79.8u	1.283m	-	287.6m
2	3	17M	56.6u	1.030m	1.392m	74.17m
3	1	8M	59.7u	-	-	1.065
4	3	14M	91.9u	1.612m	917.1u	1.013
5	3	13M	74.9u	1.823m	1.513m	404.8m
6	3	11M	81.4u	1.048m	1.466m	358.0m
7	3	5M	70.5u	1.141m	1.718m	88.68m
8	1	5M	93.3u	-	-	671.3m
9	1	12M	70.5u	-	-	96.80m
10	2	8M	85.1u	1.622m	-	643.1m
11	2	11M	78.4u	1.481m	-	145.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_16
Number of Bursts in Trial: 10

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	57.3u	1.014m	-	242.3m
2	1	10M	68.3u	-	-	971.6m
3	1	12M	50.1u	-	-	1.100
4	1	16M	79.0u	-	-	697.3m
5	1	17M	53.6u	-	-	715.8m
6	3	15M	92.3u	1.191m	1.625m	721.8m
7	2	5M	59.6u	1.467m	-	1.138
8	2	5M	54.4u	1.486m	-	6.989m
9	2	9M	57.4u	1.377m	-	573.8m
10	3	17M	83.7u	1.702m	1.229m	860.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_17
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	75.0u	1.326m	1.891m	519.8m
2	3	18M	90.2u	1.470m	1.717m	160.4m
3	2	19M	60.6u	1.935m	-	605.6m
4	1	18M	79.3u	-	-	573.2m
5	2	15M	55.9u	1.174m	-	288.4m
6	2	6M	51.2u	1.743m	-	399.6m
7	2	11M	67.7u	1.778m	-	211.9m
8	2	5M	69.5u	1.185m	-	89.08m
9	2	7M	68.7u	1.550m	-	416.0m
10	3	9M	78.4u	1.451m	1.568m	573.9m
11	1	20M	53.4u	-	-	2.049m
12	3	15M	83.6u	1.476m	1.148m	579.1m
13	3	13M	94.1u	1.169m	1.756m	580.5m
14	3	15M	83.6u	1.858m	1.542m	248.0m
15	2	7M	72.9u	1.287m	-	462.2m
16	3	9M	66.8u	1.770m	1.522m	550.1m
17	3	13M	95.3u	1.356m	1.108m	615.3m
18	1	11M	97.0u	-	-	424.1m
19	2	13M	90.1u	1.606m	-	211.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	86.6u	1.810m	-	639.1m
2	2	11M	82.7u	1.048m	-	407.7m
3	3	11M	65.0u	1.286m	948.0u	646.9m
4	1	7M	91.9u	-	-	212.8m
5	2	13M	68.1u	1.793m	-	565.3m
6	2	10M	50.0u	1.412m	-	762.3m
7	2	19M	93.3u	1.011m	-	53.83m
8	2	18M	85.7u	1.812m	-	307.7m
9	2	19M	51.8u	1.387m	-	182.0m
10	3	16M	53.9u	1.003m	1.587m	516.1m
11	2	18M	73.0u	1.358m	-	634.4m
12	2	7M	64.6u	1.178m	-	80.39m
13	1	11M	55.9u	-	-	604.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_19
Number of Bursts in Trial: 17

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	55.5u	-	-	428.4m
2	2	15M	69.5u	1.852m	-	354.8m
3	1	12M	53.1u	-	-	279.2m
4	1	16M	79.0u	-	-	627.2m
5	2	8M	52.7u	1.941m	-	252.4m
6	2	14M	80.1u	995.9u	-	351.0m
7	1	19M	78.7u	-	-	90.25m
8	3	10M	73.0u	1.923m	1.704m	281.4m
9	2	14M	71.1u	1.183m	-	164.4m
10	2	7M	93.4u	1.278m	-	67.79m
11	3	19M	76.6u	1.732m	1.800m	313.2m
12	2	12M	96.0u	1.822m	-	522.1m
13	2	13M	66.0u	1.570m	-	245.9m
14	3	10M	53.9u	1.073m	1.112m	468.2m
15	2	18M	54.9u	1.778m	-	304.6m
16	3	18M	58.0u	1.490m	1.407m	662.4m
17	3	10M	68.8u	1.300m	1.146m	401.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 15

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	86.7u	-	-	228.0m
2	1	15M	71.5u	-	-	328.0m
3	2	6M	64.5u	1.031m	-	58.93m
4	1	17M	84.9u	-	-	376.4m
5	1	14M	63.4u	-	-	784.3m
6	1	13M	60.9u	-	-	754.7m
7	1	19M	64.5u	-	-	683.5m
8	2	8M	76.7u	1.000m	-	721.5m
9	1	14M	77.2u	-	-	232.2m
10	2	17M	82.9u	1.699m	-	187.2m
11	2	8M	64.7u	1.078m	-	72.52m
12	1	7M	79.9u	-	-	66.93m
13	2	8M	86.1u	1.629m	-	345.6m
14	1	11M	56.1u	-	-	325.1m
15	3	15M	70.1u	1.199m	976.9u	337.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
Number of Bursts in Trial: 15

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	77.4u	1.345m	-	314.3m
2	2	14M	54.1u	1.132m	-	229.6m
3	3	19M	58.6u	1.542m	1.133m	343.4m
4	2	12M	81.3u	1.800m	-	720.2m
5	3	17M	66.7u	1.037m	1.703m	490.7m
6	1	9M	66.7u	-	-	497.9m
7	2	17M	63.0u	1.550m	-	146.6m
8	1	8M	99.6u	-	-	73.26m
9	2	17M	86.7u	953.3u	-	531.9m
10	3	12M	65.7u	989.3u	1.657m	328.0m
11	2	7M	60.5u	1.555m	-	254.3m
12	1	12M	78.7u	-	-	452.1m
13	1	19M	52.8u	-	-	571.8m
14	2	10M	65.2u	1.569m	-	428.2m
15	3	10M	82.9u	1.877m	1.168m	381.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_22
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	50.6u	1.726m	-	525.2m
2	2	6M	51.9u	1.233m	-	108.7m
3	3	10M	53.8u	1.916m	1.164m	374.0m
4	2	19M	77.1u	1.743m	-	80.29m
5	2	11M	71.0u	1.793m	-	315.1m
6	2	10M	95.0u	1.208m	-	54.31m
7	2	11M	53.7u	1.190m	-	466.0m
8	3	10M	57.5u	1.653m	1.499m	508.9m
9	1	9M	63.4u	-	-	12.46m
10	2	10M	93.1u	1.730m	-	64.30m
11	2	10M	82.2u	1.841m	-	94.63m
12	2	20M	83.6u	1.018m	-	509.6m
13	1	19M	73.9u	-	-	482.2m
14	3	19M	93.4u	1.871m	1.049m	4.419m
15	2	5M	57.9u	1.031m	-	554.8m
16	2	6M	99.2u	1.306m	-	501.7m
17	1	8M	88.8u	-	-	363.8m
18	1	17M	84.9u	-	-	655.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_23
Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	78.3u	1.344m	1.437m	325.6m
2	3	7M	77.0u	1.217m	1.004m	204.4m
3	1	16M	93.3u	-	-	501.3m
4	1	9M	79.8u	-	-	336.6m
5	1	7M	90.4u	-	-	163.7m
6	2	19M	96.5u	1.418m	-	266.0m
7	2	17M	75.3u	1.062m	-	678.5m
8	1	17M	88.7u	-	-	113.5m
9	2	8M	94.1u	1.793m	-	603.8m
10	2	16M	80.2u	1.439m	-	224.9m
11	2	19M	73.3u	1.683m	-	157.3m
12	1	6M	77.6u	-	-	265.1m
13	2	7M	68.0u	1.368m	-	219.3m
14	2	18M	73.4u	1.575m	-	4.593m
15	1	15M	78.3u	-	-	247.6m
16	3	18M	65.8u	1.526m	1.107m	153.5m
17	2	10M	86.4u	1.897m	-	263.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_24
Number of Bursts in Trial: 8

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	84.2u	991.8u	-	1.048
2	1	10M	50.1u	-	-	550.0m
3	3	20M	58.8u	1.307m	1.011m	1.184
4	3	8M	98.0u	1.524m	1.406m	88.05m
5	3	13M	63.5u	1.336m	1.543m	851.4m
6	3	12M	74.9u	1.744m	1.909m	40.07m
7	2	7M	76.0u	1.199m	-	1.303
8	2	8M	76.7u	1.514m	-	1.426

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
Number of Bursts in Trial: 17

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	90.8u	1.282m	-	91.07m
2	3	18M	89.9u	1.900m	1.883m	512.6m
3	2	7M	76.0u	1.580m	-	24.76m
4	1	11M	80.6u	-	-	222.6m
5	2	20M	67.1u	1.720m	-	381.1m
6	3	17M	93.6u	1.420m	967.4u	354.4m
7	2	17M	87.6u	1.809m	-	523.0m
8	2	12M	81.6u	1.182m	-	681.1m
9	2	14M	87.7u	1.826m	-	607.5m
10	2	9M	68.7u	1.547m	-	343.1m
11	2	18M	76.1u	1.819m	-	616.1m
12	2	18M	86.9u	1.304m	-	150.5m
13	1	14M	92.1u	-	-	370.0m
14	2	16M	75.8u	943.2u	-	213.2m
15	2	15M	57.2u	1.277m	-	586.6m
16	2	19M	70.1u	1.816m	-	199.9m
17	3	6M	56.1u	1.874m	1.318m	386.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 16

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	10M	90.0u	-	-	229.6m
2	2	11M	72.4u	1.170m	-	350.0m
3	2	17M	91.4u	1.387m	-	29.41m
4	3	19M	91.3u	1.034m	930.7u	487.0m
5	1	13M	55.4u	-	-	246.3m
6	3	9M	66.4u	1.562m	1.665m	549.2m
7	3	11M	75.8u	1.353m	1.314m	498.4m
8	2	6M	99.2u	1.412m	-	704.2m
9	1	8M	83.3u	-	-	741.1m
10	2	19M	92.1u	1.691m	-	430.0m
11	2	15M	82.4u	1.869m	-	454.1m
12	3	11M	61.8u	1.365m	1.172m	662.8m
13	1	17M	94.0u	-	-	747.2m
14	2	14M	78.6u	1.899m	-	227.0m
15	1	13M	96.1u	-	-	365.3m
16	1	7M	73.5u	-	-	255.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_27
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	80.2u	-	-	762.2m
2	1	11M	90.4u	-	-	126.7m
3	2	13M	59.0u	1.792m	-	268.6m
4	1	16M	88.8u	-	-	428.7m
5	2	18M	97.3u	909.7u	-	600.9m
6	2	8M	98.3u	1.372m	-	61.32m
7	2	12M	90.3u	1.026m	-	712.5m
8	2	10M	57.5u	1.097m	-	17.82m
9	2	10M	77.9u	1.035m	-	800.0m
10	2	11M	75.0u	1.823m	-	214.8m
11	2	18M	92.9u	1.668m	-	482.1m
12	2	6M	72.7u	1.170m	-	165.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	57.5u	1.757m	-	526.7m
2	3	16M	77.9u	1.278m	1.150m	365.4m
3	1	10M	66.3u	-	-	324.6m
4	2	7M	50.0u	1.213m	-	253.2m
5	2	12M	63.7u	1.549m	-	347.5m
6	1	18M	71.1u	-	-	441.9m
7	2	20M	86.7u	1.726m	-	420.0m
8	2	19M	65.2u	1.073m	-	390.5m
9	2	15M	72.2u	1.541m	-	384.8m
10	1	16M	97.3u	-	-	447.7m
11	3	19M	92.0u	1.337m	1.346m	397.1m
12	3	13M	51.3u	1.788m	1.354m	296.5m
13	2	9M	83.9u	923.1u	-	571.6m
14	2	14M	94.7u	1.836m	-	488.4m
15	3	7M	84.3u	957.7u	1.158m	416.1m
16	2	7M	67.7u	1.218m	-	578.6m
17	1	8M	92.0u	-	-	272.7m
18	3	7M	55.6u	1.093m	1.450m	464.1m
19	1	12M	76.2u	-	-	485.5m
20	3	9M	86.7u	1.407m	1.039m	421.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_29
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	95.8u	1.387m	-	961.9m
2	2	15M	82.0u	1.755m	-	803.4m
3	3	12M	94.8u	915.2u	1.657m	169.1m
4	1	15M	86.6u	-	-	622.5m
5	1	9M	53.8u	-	-	922.8m
6	3	9M	89.1u	1.753m	1.404m	593.7m
7	2	14M	96.2u	1.388m	-	675.4m
8	2	19M	91.9u	1.650m	-	923.2m
9	2	18M	63.5u	1.150m	-	534.6m
10	3	19M	94.5u	1.459m	1.204m	542.9m
11	3	9M	90.0u	1.005m	1.140m	972.9m
12	1	16M	95.2u	-	-	841.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
Number of Bursts in Trial: 9

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	64.9u	1.410m	1.580m	821.0m
2	3	17M	74.5u	1.399m	1.496m	1.315
3	2	12M	81.5u	1.164m	-	706.0m
4	3	17M	92.4u	1.102m	1.150m	138.7m
5	2	11M	52.9u	1.484m	-	761.1m
6	2	7M	60.5u	1.559m	-	897.1m
7	2	12M	88.8u	1.723m	-	379.5m
8	1	10M	74.8u	-	-	606.9m
9	3	19M	50.2u	1.100m	970.8u	801.1m

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	5.261G	2	5.463G	3	5.613G	4	5.330G
5	5.359G	6	5.383G	7	5.385G	8	5.698G
9	5.719G	10	5.399G	11	5.709G	12	5.412G
13	5.554G	14	5.497G	15	5.445G	16	5.660G
17	5.630G	18	5.622G	19	5.561G	20	5.323G
21	5.384G	22	5.342G	23	5.605G	24	5.511G
25	5.402G	26	5.414G	27	5.629G	28	5.451G
29	5.251G	30	5.270G	31	5.434G	32	5.617G
33	5.691G	34	5.684G	35	5.398G	36	5.406G
37	5.391G	38	5.614G	39	5.472G	40	5.277G
41	5.329G	42	5.308G	43	5.694G	44	5.411G
45	5.327G	46	5.253G	47	5.284G	48	5.368G
49	5.367G	50	5.453G	51	5.427G	52	5.324G
53	5.311G	54	5.702G	55	5.664G	56	5.465G
57	5.491G	58	5.685G	59	5.469G	60	5.347G
61	5.287G	62	5.522G	63	5.470G	64	5.529G
65	5.636G	66	5.268G	67	5.393G	68	5.389G
69	5.721G	70	5.487G	71	5.431G	72	5.602G
73	5.663G	74	5.632G	75	5.649G	76	5.417G
77	5.272G	78	5.275G	79	5.621G	80	5.374G
81	5.665G	82	5.478G	83	5.705G	84	5.273G
85	5.375G	86	5.587G	87	5.420G	88	5.651G
89	5.480G	90	5.292G	91	5.291G	92	5.639G
93	5.354G	94	5.608G	95	5.328G	96	5.413G
97	5.634G	98	5.422G	99	5.429G	100	5.395G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.647G	2	5.554G	3	5.638G	4	5.283G
5	5.382G	6	5.434G	7	5.478G	8	5.259G
9	5.265G	10	5.408G	11	5.340G	12	5.715G
13	5.314G	14	5.333G	15	5.293G	16	5.661G
17	5.446G	18	5.676G	19	5.495G	20	5.535G
21	5.649G	22	5.260G	23	5.410G	24	5.441G
25	5.318G	26	5.415G	27	5.491G	28	5.432G
29	5.577G	30	5.295G	31	5.426G	32	5.255G
33	5.584G	34	5.629G	35	5.599G	36	5.349G
37	5.449G	38	5.429G	39	5.470G	40	5.484G
41	5.703G	42	5.567G	43	5.634G	44	5.451G
45	5.356G	46	5.289G	47	5.515G	48	5.627G
49	5.269G	50	5.528G	51	5.414G	52	5.286G
53	5.379G	54	5.381G	55	5.637G	56	5.327G
57	5.348G	58	5.628G	59	5.363G	60	5.257G
61	5.450G	62	5.338G	63	5.520G	64	5.719G
65	5.536G	66	5.654G	67	5.497G	68	5.315G
69	5.581G	70	5.442G	71	5.402G	72	5.594G
73	5.508G	74	5.550G	75	5.427G	76	5.377G
77	5.700G	78	5.254G	79	5.576G	80	5.538G
81	5.655G	82	5.359G	83	5.679G	84	5.514G
85	5.345G	86	5.631G	87	5.496G	88	5.562G
89	5.424G	90	5.717G	91	5.351G	92	5.682G
93	5.454G	94	5.566G	95	5.565G	96	5.522G
97	5.480G	98	5.353G	99	5.697G	100	5.352G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.592G	2	5.657G	3	5.505G	4	5.604G
5	5.719G	6	5.724G	7	5.438G	8	5.607G
9	5.427G	10	5.585G	11	5.439G	12	5.413G
13	5.554G	14	5.597G	15	5.630G	16	5.628G
17	5.294G	18	5.425G	19	5.663G	20	5.423G
21	5.703G	22	5.606G	23	5.467G	24	5.668G
25	5.522G	26	5.720G	27	5.271G	28	5.252G
29	5.586G	30	5.661G	31	5.442G	32	5.533G
33	5.431G	34	5.364G	35	5.572G	36	5.323G
37	5.611G	38	5.562G	39	5.307G	40	5.330G
41	5.306G	42	5.362G	43	5.463G	44	5.410G
45	5.359G	46	5.432G	47	5.692G	48	5.494G
49	5.557G	50	5.650G	51	5.314G	52	5.705G
53	5.504G	54	5.317G	55	5.691G	56	5.715G
57	5.617G	58	5.415G	59	5.451G	60	5.503G
61	5.670G	62	5.321G	63	5.339G	64	5.446G
65	5.360G	66	5.296G	67	5.704G	68	5.290G
69	5.311G	70	5.328G	71	5.583G	72	5.287G
73	5.387G	74	5.351G	75	5.631G	76	5.681G
77	5.275G	78	5.421G	79	5.396G	80	5.701G
81	5.337G	82	5.477G	83	5.268G	84	5.384G
85	5.622G	86	5.324G	87	5.658G	88	5.483G
89	5.547G	90	5.571G	91	5.475G	92	5.696G
93	5.394G	94	5.528G	95	5.412G	96	5.688G
97	5.667G	98	5.282G	99	5.319G	100	5.374G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.386G	2	5.717G	3	5.689G	4	5.509G
5	5.577G	6	5.613G	7	5.572G	8	5.424G
9	5.259G	10	5.673G	11	5.519G	12	5.705G
13	5.708G	14	5.373G	15	5.273G	16	5.582G
17	5.436G	18	5.452G	19	5.468G	20	5.287G
21	5.406G	22	5.294G	23	5.420G	24	5.702G
25	5.475G	26	5.716G	27	5.547G	28	5.542G
29	5.258G	30	5.676G	31	5.303G	32	5.588G
33	5.438G	34	5.261G	35	5.461G	36	5.601G
37	5.599G	38	5.687G	39	5.340G	40	5.457G
41	5.530G	42	5.395G	43	5.351G	44	5.581G
45	5.550G	46	5.310G	47	5.456G	48	5.396G
49	5.272G	50	5.252G	51	5.256G	52	5.434G
53	5.527G	54	5.271G	55	5.482G	56	5.383G
57	5.611G	58	5.560G	59	5.645G	60	5.667G
61	5.425G	62	5.464G	63	5.579G	64	5.341G
65	5.543G	66	5.559G	67	5.255G	68	5.655G
69	5.722G	70	5.337G	71	5.663G	72	5.254G
73	5.615G	74	5.426G	75	5.666G	76	5.408G
77	5.489G	78	5.682G	79	5.638G	80	5.474G
81	5.561G	82	5.672G	83	5.446G	84	5.393G
85	5.694G	86	5.665G	87	5.338G	88	5.368G
89	5.557G	90	5.266G	91	5.637G	92	5.617G
93	5.300G	94	5.479G	95	5.381G	96	5.679G
97	5.416G	98	5.571G	99	5.360G	100	5.681G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.545G	2	5.594G	3	5.398G	4	5.460G
5	5.272G	6	5.320G	7	5.387G	8	5.724G
9	5.284G	10	5.394G	11	5.569G	12	5.510G
13	5.522G	14	5.635G	15	5.316G	16	5.645G
17	5.313G	18	5.270G	19	5.418G	20	5.694G
21	5.491G	22	5.528G	23	5.715G	24	5.390G
25	5.407G	26	5.643G	27	5.362G	28	5.395G
29	5.427G	30	5.641G	31	5.465G	32	5.257G
33	5.314G	34	5.365G	35	5.305G	36	5.633G
37	5.361G	38	5.568G	39	5.702G	40	5.356G
41	5.447G	42	5.452G	43	5.619G	44	5.639G
45	5.614G	46	5.604G	47	5.366G	48	5.252G
49	5.666G	50	5.263G	51	5.464G	52	5.468G
53	5.575G	54	5.657G	55	5.442G	56	5.627G
57	5.375G	58	5.630G	59	5.533G	60	5.705G
61	5.656G	62	5.509G	63	5.501G	64	5.333G
65	5.675G	66	5.618G	67	5.525G	68	5.624G
69	5.291G	70	5.293G	71	5.688G	72	5.711G
73	5.571G	74	5.632G	75	5.527G	76	5.548G
77	5.672G	78	5.642G	79	5.512G	80	5.404G
81	5.558G	82	5.586G	83	5.554G	84	5.264G
85	5.560G	86	5.340G	87	5.308G	88	5.382G
89	5.562G	90	5.682G	91	5.665G	92	5.673G
93	5.456G	94	5.292G	95	5.634G	96	5.256G
97	5.671G	98	5.261G	99	5.251G	100	5.695G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.544G	2	5.524G	3	5.461G	4	5.585G
5	5.549G	6	5.566G	7	5.305G	8	5.497G
9	5.639G	10	5.570G	11	5.603G	12	5.534G
13	5.483G	14	5.553G	15	5.678G	16	5.418G
17	5.617G	18	5.330G	19	5.465G	20	5.607G
21	5.254G	22	5.453G	23	5.582G	24	5.701G
25	5.293G	26	5.697G	27	5.376G	28	5.627G
29	5.489G	30	5.315G	31	5.251G	32	5.706G
33	5.680G	34	5.522G	35	5.542G	36	5.554G
37	5.471G	38	5.636G	39	5.518G	40	5.447G
41	5.681G	42	5.480G	43	5.295G	44	5.520G
45	5.677G	46	5.349G	47	5.261G	48	5.403G
49	5.705G	50	5.356G	51	5.257G	52	5.579G
53	5.713G	54	5.250G	55	5.324G	56	5.557G
57	5.270G	58	5.687G	59	5.586G	60	5.584G
61	5.719G	62	5.688G	63	5.510G	64	5.335G
65	5.658G	66	5.467G	67	5.624G	68	5.306G
69	5.421G	70	5.439G	71	5.551G	72	5.490G
73	5.401G	74	5.311G	75	5.263G	76	5.419G
77	5.383G	78	5.390G	79	5.693G	80	5.630G
81	5.598G	82	5.717G	83	5.316G	84	5.500G
85	5.377G	86	5.405G	87	5.703G	88	5.543G
89	5.458G	90	5.408G	91	5.294G	92	5.346G
93	5.350G	94	5.380G	95	5.425G	96	5.621G
97	5.353G	98	5.398G	99	5.499G	100	5.619G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.461G	2	5.682G	3	5.380G	4	5.668G
5	5.491G	6	5.496G	7	5.623G	8	5.305G
9	5.698G	10	5.665G	11	5.268G	12	5.264G
13	5.624G	14	5.416G	15	5.723G	16	5.319G
17	5.403G	18	5.515G	19	5.453G	20	5.607G
21	5.537G	22	5.373G	23	5.614G	24	5.650G
25	5.656G	26	5.412G	27	5.550G	28	5.536G
29	5.329G	30	5.575G	31	5.651G	32	5.676G
33	5.701G	34	5.431G	35	5.476G	36	5.576G
37	5.662G	38	5.704G	39	5.660G	40	5.251G
41	5.544G	42	5.266G	43	5.484G	44	5.313G
45	5.473G	46	5.439G	47	5.684G	48	5.621G
49	5.364G	50	5.572G	51	5.413G	52	5.379G
53	5.527G	54	5.402G	55	5.460G	56	5.604G
57	5.327G	58	5.671G	59	5.342G	60	5.331G
61	5.494G	62	5.353G	63	5.426G	64	5.407G
65	5.348G	66	5.578G	67	5.626G	68	5.555G
69	5.664G	70	5.639G	71	5.475G	72	5.640G
73	5.605G	74	5.411G	75	5.561G	76	5.706G
77	5.630G	78	5.620G	79	5.410G	80	5.571G
81	5.510G	82	5.661G	83	5.541G	84	5.406G
85	5.482G	86	5.306G	87	5.311G	88	5.659G
89	5.501G	90	5.580G	91	5.552G	92	5.304G
93	5.333G	94	5.278G	95	5.597G	96	5.280G
97	5.699G	98	5.632G	99	5.558G	100	5.566G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.479G	2	5.289G	3	5.460G	4	5.403G
5	5.270G	6	5.383G	7	5.504G	8	5.299G
9	5.565G	10	5.495G	11	5.639G	12	5.265G
13	5.474G	14	5.630G	15	5.396G	16	5.470G
17	5.673G	18	5.572G	19	5.332G	20	5.719G
21	5.420G	22	5.280G	23	5.517G	24	5.389G
25	5.496G	26	5.429G	27	5.281G	28	5.602G
29	5.467G	30	5.611G	31	5.309G	32	5.264G
33	5.251G	34	5.701G	35	5.700G	36	5.394G
37	5.580G	38	5.262G	39	5.724G	40	5.376G
41	5.278G	42	5.452G	43	5.592G	44	5.574G
45	5.530G	46	5.586G	47	5.421G	48	5.297G
49	5.304G	50	5.633G	51	5.478G	52	5.388G
53	5.635G	54	5.353G	55	5.367G	56	5.564G
57	5.356G	58	5.526G	59	5.291G	60	5.425G
61	5.365G	62	5.533G	63	5.347G	64	5.562G
65	5.324G	66	5.449G	67	5.689G	68	5.705G
69	5.481G	70	5.338G	71	5.475G	72	5.538G
73	5.456G	74	5.282G	75	5.370G	76	5.485G
77	5.322G	78	5.295G	79	5.695G	80	5.569G
81	5.469G	82	5.435G	83	5.368G	84	5.616G
85	5.573G	86	5.653G	87	5.341G	88	5.542G
89	5.364G	90	5.432G	91	5.384G	92	5.692G
93	5.617G	94	5.463G	95	5.683G	96	5.716G
97	5.327G	98	5.515G	99	5.445G	100	5.563G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.495G	2	5.533G	3	5.365G	4	5.278G
5	5.648G	6	5.556G	7	5.314G	8	5.420G
9	5.709G	10	5.666G	11	5.500G	12	5.678G
13	5.724G	14	5.621G	15	5.368G	16	5.521G
17	5.475G	18	5.705G	19	5.636G	20	5.451G
21	5.620G	22	5.655G	23	5.524G	24	5.664G
25	5.275G	26	5.583G	27	5.331G	28	5.639G
29	5.283G	30	5.329G	31	5.322G	32	5.511G
33	5.721G	34	5.259G	35	5.360G	36	5.670G
37	5.575G	38	5.644G	39	5.324G	40	5.265G
41	5.612G	42	5.355G	43	5.516G	44	5.517G
45	5.591G	46	5.377G	47	5.401G	48	5.553G
49	5.708G	50	5.618G	51	5.499G	52	5.276G
53	5.392G	54	5.354G	55	5.564G	56	5.384G
57	5.600G	58	5.668G	59	5.484G	60	5.545G
61	5.531G	62	5.264G	63	5.356G	64	5.443G
65	5.717G	66	5.574G	67	5.449G	68	5.408G
69	5.273G	70	5.463G	71	5.662G	72	5.305G
73	5.290G	74	5.419G	75	5.659G	76	5.566G
77	5.306G	78	5.291G	79	5.436G	80	5.346G
81	5.671G	82	5.431G	83	5.427G	84	5.696G
85	5.561G	86	5.282G	87	5.343G	88	5.253G
89	5.540G	90	5.345G	91	5.497G	92	5.474G
93	5.429G	94	5.555G	95	5.379G	96	5.525G
97	5.567G	98	5.476G	99	5.330G	100	5.541G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.446G	2	5.286G	3	5.668G	4	5.535G
5	5.565G	6	5.614G	7	5.270G	8	5.344G
9	5.347G	10	5.467G	11	5.269G	12	5.250G
13	5.507G	14	5.536G	15	5.404G	16	5.472G
17	5.670G	18	5.662G	19	5.582G	20	5.570G
21	5.385G	22	5.557G	23	5.331G	24	5.675G
25	5.710G	26	5.260G	27	5.285G	28	5.352G
29	5.290G	30	5.573G	31	5.711G	32	5.511G
33	5.526G	34	5.411G	35	5.513G	36	5.706G
37	5.283G	38	5.364G	39	5.649G	40	5.378G
41	5.652G	42	5.551G	43	5.512G	44	5.627G
45	5.342G	46	5.415G	47	5.603G	48	5.466G
49	5.697G	50	5.461G	51	5.437G	52	5.470G
53	5.453G	54	5.546G	55	5.266G	56	5.562G
57	5.423G	58	5.358G	59	5.720G	60	5.500G
61	5.505G	62	5.584G	63	5.397G	64	5.291G
65	5.530G	66	5.402G	67	5.722G	68	5.362G
69	5.460G	70	5.330G	71	5.713G	72	5.401G
73	5.666G	74	5.549G	75	5.624G	76	5.486G
77	5.443G	78	5.353G	79	5.663G	80	5.396G
81	5.575G	82	5.346G	83	5.508G	84	5.471G
85	5.691G	86	5.683G	87	5.544G	88	5.373G
89	5.389G	90	5.519G	91	5.465G	92	5.369G
93	5.495G	94	5.643G	95	5.686G	96	5.359G
97	5.561G	98	5.616G	99	5.473G	100	5.448G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.394G	2	5.600G	3	5.274G	4	5.715G
5	5.611G	6	5.682G	7	5.464G	8	5.414G
9	5.511G	10	5.503G	11	5.526G	12	5.428G
13	5.579G	14	5.688G	15	5.439G	16	5.582G
17	5.683G	18	5.602G	19	5.608G	20	5.520G
21	5.288G	22	5.272G	23	5.559G	24	5.374G
25	5.507G	26	5.684G	27	5.277G	28	5.605G
29	5.427G	30	5.310G	31	5.668G	32	5.446G
33	5.650G	34	5.294G	35	5.358G	36	5.473G
37	5.337G	38	5.666G	39	5.340G	40	5.586G
41	5.460G	42	5.647G	43	5.345G	44	5.279G
45	5.550G	46	5.291G	47	5.474G	48	5.513G
49	5.576G	50	5.685G	51	5.630G	52	5.498G
53	5.466G	54	5.300G	55	5.658G	56	5.703G
57	5.596G	58	5.415G	59	5.353G	60	5.382G
61	5.552G	62	5.484G	63	5.603G	64	5.595G
65	5.325G	66	5.718G	67	5.252G	68	5.710G
69	5.655G	70	5.338G	71	5.705G	72	5.319G
73	5.442G	74	5.448G	75	5.264G	76	5.356G
77	5.491G	78	5.558G	79	5.641G	80	5.488G
81	5.286G	82	5.307G	83	5.400G	84	5.346G
85	5.519G	86	5.592G	87	5.259G	88	5.369G
89	5.334G	90	5.714G	91	5.368G	92	5.385G
93	5.343G	94	5.614G	95	5.681G	96	5.544G
97	5.711G	98	5.256G	99	5.472G	100	5.720G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.576G	2	5.295G	3	5.455G	4	5.332G
5	5.346G	6	5.724G	7	5.488G	8	5.707G
9	5.373G	10	5.677G	11	5.638G	12	5.386G
13	5.524G	14	5.537G	15	5.672G	16	5.504G
17	5.533G	18	5.483G	19	5.308G	20	5.561G
21	5.341G	22	5.390G	23	5.441G	24	5.607G
25	5.439G	26	5.482G	27	5.624G	28	5.603G
29	5.548G	30	5.539G	31	5.275G	32	5.687G
33	5.444G	34	5.266G	35	5.303G	36	5.397G
37	5.342G	38	5.412G	39	5.655G	40	5.620G
41	5.642G	42	5.627G	43	5.507G	44	5.699G
45	5.582G	46	5.360G	47	5.335G	48	5.408G
49	5.337G	50	5.631G	51	5.326G	52	5.703G
53	5.343G	54	5.604G	55	5.649G	56	5.715G
57	5.329G	58	5.545G	59	5.415G	60	5.393G
61	5.573G	62	5.309G	63	5.427G	64	5.527G
65	5.400G	66	5.518G	67	5.605G	68	5.641G
69	5.585G	70	5.450G	71	5.659G	72	5.301G
73	5.487G	74	5.387G	75	5.588G	76	5.417G
77	5.391G	78	5.612G	79	5.320G	80	5.541G
81	5.566G	82	5.580G	83	5.709G	84	5.307G
85	5.272G	86	5.651G	87	5.454G	88	5.459G
89	5.430G	90	5.394G	91	5.490G	92	5.432G
93	5.577G	94	5.661G	95	5.628G	96	5.259G
97	5.330G	98	5.479G	99	5.700G	100	5.371G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.611G	2	5.287G	3	5.301G	4	5.516G
5	5.643G	6	5.661G	7	5.392G	8	5.484G
9	5.259G	10	5.533G	11	5.612G	12	5.675G
13	5.305G	14	5.493G	15	5.364G	16	5.630G
17	5.437G	18	5.519G	19	5.399G	20	5.608G
21	5.282G	22	5.649G	23	5.371G	24	5.308G
25	5.501G	26	5.554G	27	5.340G	28	5.293G
29	5.255G	30	5.526G	31	5.498G	32	5.531G
33	5.520G	34	5.652G	35	5.327G	36	5.412G
37	5.642G	38	5.436G	39	5.527G	40	5.352G
41	5.318G	42	5.266G	43	5.474G	44	5.648G
45	5.370G	46	5.568G	47	5.714G	48	5.461G
49	5.415G	50	5.254G	51	5.523G	52	5.550G
53	5.408G	54	5.543G	55	5.528G	56	5.407G
57	5.692G	58	5.605G	59	5.595G	60	5.718G
61	5.570G	62	5.676G	63	5.414G	64	5.315G
65	5.360G	66	5.668G	67	5.662G	68	5.578G
69	5.704G	70	5.710G	71	5.525G	72	5.572G
73	5.422G	74	5.440G	75	5.500G	76	5.635G
77	5.345G	78	5.431G	79	5.323G	80	5.590G
81	5.416G	82	5.438G	83	5.309G	84	5.629G
85	5.326G	86	5.328G	87	5.286G	88	5.631G
89	5.343G	90	5.361G	91	5.250G	92	5.506G
93	5.496G	94	5.586G	95	5.634G	96	5.644G
97	5.677G	98	5.723G	99	5.304G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.425G	2	5.657G	3	5.525G	4	5.619G
5	5.388G	6	5.358G	7	5.292G	8	5.536G
9	5.599G	10	5.659G	11	5.459G	12	5.488G
13	5.671G	14	5.627G	15	5.463G	16	5.333G
17	5.662G	18	5.437G	19	5.407G	20	5.512G
21	5.715G	22	5.523G	23	5.660G	24	5.570G
25	5.598G	26	5.355G	27	5.299G	28	5.678G
29	5.443G	30	5.509G	31	5.445G	32	5.446G
33	5.399G	34	5.527G	35	5.262G	36	5.411G
37	5.309G	38	5.332G	39	5.300G	40	5.661G
41	5.555G	42	5.667G	43	5.494G	44	5.287G
45	5.567G	46	5.485G	47	5.719G	48	5.553G
49	5.720G	50	5.650G	51	5.304G	52	5.649G
53	5.612G	54	5.489G	55	5.396G	56	5.317G
57	5.327G	58	5.455G	59	5.468G	60	5.342G
61	5.486G	62	5.352G	63	5.401G	64	5.348G
65	5.418G	66	5.369G	67	5.638G	68	5.306G
69	5.254G	70	5.448G	71	5.574G	72	5.487G
73	5.575G	74	5.693G	75	5.478G	76	5.316G
77	5.610G	78	5.586G	79	5.360G	80	5.668G
81	5.334G	82	5.699G	83	5.439G	84	5.434G
85	5.377G	86	5.524G	87	5.496G	88	5.346G
89	5.347G	90	5.561G	91	5.707G	92	5.265G
93	5.672G	94	5.461G	95	5.413G	96	5.501G
97	5.676G	98	5.375G	99	5.589G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.449G	2	5.692G	3	5.507G	4	5.482G
5	5.362G	6	5.518G	7	5.411G	8	5.419G
9	5.623G	10	5.436G	11	5.342G	12	5.715G
13	5.694G	14	5.602G	15	5.673G	16	5.343G
17	5.569G	18	5.712G	19	5.559G	20	5.457G
21	5.596G	22	5.617G	23	5.470G	24	5.486G
25	5.396G	26	5.466G	27	5.461G	28	5.691G
29	5.696G	30	5.627G	31	5.498G	32	5.313G
33	5.368G	34	5.614G	35	5.473G	36	5.406G
37	5.284G	38	5.618G	39	5.484G	40	5.625G
41	5.364G	42	5.336G	43	5.527G	44	5.543G
45	5.379G	46	5.621G	47	5.710G	48	5.570G
49	5.608G	50	5.253G	51	5.657G	52	5.333G
53	5.320G	54	5.489G	55	5.319G	56	5.704G
57	5.607G	58	5.420G	59	5.340G	60	5.312G
61	5.471G	62	5.299G	63	5.316G	64	5.555G
65	5.504G	66	5.421G	67	5.467G	68	5.724G
69	5.639G	70	5.680G	71	5.417G	72	5.415G
73	5.354G	74	5.257G	75	5.462G	76	5.265G
77	5.300G	78	5.308G	79	5.564G	80	5.412G
81	5.256G	82	5.366G	83	5.513G	84	5.363G
85	5.432G	86	5.530G	87	5.557G	88	5.355G
89	5.281G	90	5.414G	91	5.277G	92	5.647G
93	5.331G	94	5.542G	95	5.684G	96	5.723G
97	5.511G	98	5.666G	99	5.521G	100	5.599G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.644G	2	5.703G	3	5.718G	4	5.413G
5	5.336G	6	5.602G	7	5.640G	8	5.516G
9	5.604G	10	5.535G	11	5.270G	12	5.491G
13	5.288G	14	5.518G	15	5.659G	16	5.264G
17	5.296G	18	5.706G	19	5.679G	20	5.260G
21	5.344G	22	5.639G	23	5.608G	24	5.319G
25	5.536G	26	5.610G	27	5.310G	28	5.477G
29	5.699G	30	5.299G	31	5.412G	32	5.505G
33	5.691G	34	5.369G	35	5.289G	36	5.597G
37	5.502G	38	5.454G	39	5.716G	40	5.496G
41	5.575G	42	5.407G	43	5.287G	44	5.501G
45	5.548G	46	5.475G	47	5.378G	48	5.522G
49	5.251G	50	5.433G	51	5.655G	52	5.314G
53	5.425G	54	5.323G	55	5.318G	56	5.577G
57	5.687G	58	5.329G	59	5.723G	60	5.385G
61	5.684G	62	5.573G	63	5.345G	64	5.583G
65	5.499G	66	5.660G	67	5.277G	68	5.273G
69	5.498G	70	5.327G	71	5.711G	72	5.331G
73	5.411G	74	5.494G	75	5.446G	76	5.285G
77	5.527G	78	5.397G	79	5.544G	80	5.555G
81	5.421G	82	5.394G	83	5.375G	84	5.707G
85	5.379G	86	5.483G	87	5.325G	88	5.266G
89	5.519G	90	5.673G	91	5.357G	92	5.312G
93	5.682G	94	5.607G	95	5.437G	96	5.460G
97	5.674G	98	5.451G	99	5.558G	100	5.364G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.494G	2	5.362G	3	5.502G	4	5.297G
5	5.470G	6	5.420G	7	5.417G	8	5.714G
9	5.278G	10	5.520G	11	5.565G	12	5.485G
13	5.689G	14	5.658G	15	5.400G	16	5.598G
17	5.303G	18	5.495G	19	5.722G	20	5.330G
21	5.364G	22	5.624G	23	5.490G	24	5.668G
25	5.476G	26	5.412G	27	5.250G	28	5.487G
29	5.536G	30	5.369G	31	5.612G	32	5.275G
33	5.426G	34	5.293G	35	5.638G	36	5.662G
37	5.328G	38	5.498G	39	5.674G	40	5.458G
41	5.688G	42	5.724G	43	5.299G	44	5.540G
45	5.460G	46	5.314G	47	5.601G	48	5.284G
49	5.712G	50	5.537G	51	5.261G	52	5.335G
53	5.592G	54	5.310G	55	5.308G	56	5.550G
57	5.422G	58	5.294G	59	5.625G	60	5.558G
61	5.432G	62	5.525G	63	5.713G	64	5.321G
65	5.402G	66	5.632G	67	5.594G	68	5.452G
69	5.635G	70	5.483G	71	5.394G	72	5.277G
73	5.315G	74	5.585G	75	5.462G	76	5.618G
77	5.474G	78	5.607G	79	5.415G	80	5.309G
81	5.411G	82	5.353G	83	5.686G	84	5.397G
85	5.375G	86	5.325G	87	5.257G	88	5.694G
89	5.656G	90	5.273G	91	5.514G	92	5.539G
93	5.532G	94	5.575G	95	5.484G	96	5.370G
97	5.496G	98	5.636G	99	5.564G	100	5.548G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.566G	2	5.675G	3	5.632G	4	5.447G
5	5.490G	6	5.310G	7	5.337G	8	5.418G
9	5.453G	10	5.438G	11	5.687G	12	5.724G
13	5.579G	14	5.551G	15	5.515G	16	5.506G
17	5.574G	18	5.493G	19	5.630G	20	5.494G
21	5.672G	22	5.483G	23	5.396G	24	5.610G
25	5.628G	26	5.262G	27	5.432G	28	5.279G
29	5.588G	30	5.407G	31	5.336G	32	5.381G
33	5.564G	34	5.659G	35	5.359G	36	5.412G
37	5.465G	38	5.560G	39	5.315G	40	5.602G
41	5.325G	42	5.537G	43	5.640G	44	5.716G
45	5.591G	46	5.257G	47	5.276G	48	5.606G
49	5.553G	50	5.554G	51	5.660G	52	5.487G
53	5.395G	54	5.461G	55	5.698G	56	5.261G
57	5.484G	58	5.629G	59	5.283G	60	5.265G
61	5.295G	62	5.303G	63	5.523G	64	5.704G
65	5.548G	66	5.250G	67	5.647G	68	5.625G
69	5.513G	70	5.314G	71	5.464G	72	5.386G
73	5.681G	74	5.344G	75	5.431G	76	5.557G
77	5.304G	78	5.519G	79	5.319G	80	5.258G
81	5.570G	82	5.573G	83	5.415G	84	5.252G
85	5.353G	86	5.571G	87	5.492G	88	5.459G
89	5.637G	90	5.587G	91	5.533G	92	5.530G
93	5.362G	94	5.330G	95	5.500G	96	5.646G
97	5.680G	98	5.615G	99	5.367G	100	5.693G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.630G	2	5.658G	3	5.543G	4	5.457G
5	5.577G	6	5.442G	7	5.719G	8	5.633G
9	5.329G	10	5.380G	11	5.419G	12	5.325G
13	5.411G	14	5.526G	15	5.488G	16	5.362G
17	5.531G	18	5.651G	19	5.326G	20	5.448G
21	5.682G	22	5.666G	23	5.371G	24	5.663G
25	5.324G	26	5.572G	27	5.319G	28	5.518G
29	5.447G	30	5.331G	31	5.722G	32	5.585G
33	5.674G	34	5.587G	35	5.394G	36	5.368G
37	5.357G	38	5.594G	39	5.341G	40	5.456G
41	5.473G	42	5.660G	43	5.434G	44	5.426G
45	5.258G	46	5.359G	47	5.570G	48	5.686G
49	5.410G	50	5.598G	51	5.511G	52	5.320G
53	5.297G	54	5.427G	55	5.281G	56	5.656G
57	5.504G	58	5.533G	59	5.721G	60	5.676G
61	5.351G	62	5.631G	63	5.512G	64	5.662G
65	5.510G	66	5.693G	67	5.413G	68	5.490G
69	5.342G	70	5.716G	71	5.301G	72	5.350G
73	5.489G	74	5.262G	75	5.694G	76	5.575G
77	5.650G	78	5.455G	79	5.390G	80	5.569G
81	5.637G	82	5.260G	83	5.450G	84	5.367G
85	5.707G	86	5.605G	87	5.283G	88	5.702G
89	5.274G	90	5.309G	91	5.516G	92	5.692G
93	5.551G	94	5.348G	95	5.254G	96	5.615G
97	5.315G	98	5.538G	99	5.621G	100	5.528G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.504G	2	5.708G	3	5.383G	4	5.519G
5	5.456G	6	5.336G	7	5.631G	8	5.372G
9	5.356G	10	5.717G	11	5.444G	12	5.678G
13	5.448G	14	5.465G	15	5.464G	16	5.367G
17	5.450G	18	5.670G	19	5.540G	20	5.337G
21	5.508G	22	5.442G	23	5.327G	24	5.339G
25	5.477G	26	5.354G	27	5.388G	28	5.617G
29	5.405G	30	5.315G	31	5.577G	32	5.645G
33	5.701G	34	5.347G	35	5.326G	36	5.426G
37	5.436G	38	5.687G	39	5.638G	40	5.681G
41	5.597G	42	5.350G	43	5.621G	44	5.580G
45	5.695G	46	5.461G	47	5.479G	48	5.358G
49	5.569G	50	5.310G	51	5.346G	52	5.306G
53	5.511G	54	5.455G	55	5.513G	56	5.460G
57	5.429G	58	5.542G	59	5.394G	60	5.524G
61	5.585G	62	5.677G	63	5.384G	64	5.587G
65	5.505G	66	5.286G	67	5.258G	68	5.691G
69	5.368G	70	5.710G	71	5.636G	72	5.558G
73	5.704G	74	5.613G	75	5.533G	76	5.624G
77	5.359G	78	5.272G	79	5.653G	80	5.716G
81	5.611G	82	5.378G	83	5.322G	84	5.334G
85	5.573G	86	5.452G	87	5.398G	88	5.642G
89	5.527G	90	5.351G	91	5.706G	92	5.551G
93	5.370G	94	5.357G	95	5.520G	96	5.458G
97	5.676G	98	5.341G	99	5.672G	100	5.275G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.478G	2	5.514G	3	5.407G	4	5.516G
5	5.529G	6	5.322G	7	5.326G	8	5.693G
9	5.351G	10	5.494G	11	5.441G	12	5.449G
13	5.631G	14	5.648G	15	5.509G	16	5.307G
17	5.384G	18	5.418G	19	5.400G	20	5.491G
21	5.420G	22	5.696G	23	5.500G	24	5.613G
25	5.372G	26	5.446G	27	5.267G	28	5.273G
29	5.695G	30	5.501G	31	5.404G	32	5.344G
33	5.668G	34	5.324G	35	5.425G	36	5.525G
37	5.302G	38	5.469G	39	5.431G	40	5.643G
41	5.594G	42	5.422G	43	5.410G	44	5.699G
45	5.294G	46	5.714G	47	5.555G	48	5.592G
49	5.591G	50	5.417G	51	5.473G	52	5.700G
53	5.268G	54	5.599G	55	5.292G	56	5.515G
57	5.437G	58	5.436G	59	5.332G	60	5.298G
61	5.419G	62	5.639G	63	5.359G	64	5.409G
65	5.396G	66	5.327G	67	5.276G	68	5.536G
69	5.649G	70	5.423G	71	5.661G	72	5.655G
73	5.541G	74	5.262G	75	5.383G	76	5.475G
77	5.462G	78	5.517G	79	5.627G	80	5.460G
81	5.424G	82	5.438G	83	5.518G	84	5.602G
85	5.257G	86	5.358G	87	5.706G	88	5.565G
89	5.272G	90	5.531G	91	5.552G	92	5.278G
93	5.314G	94	5.678G	95	5.328G	96	5.550G
97	5.290G	98	5.574G	99	5.651G	100	5.373G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.676G	2	5.718G	3	5.475G	4	5.588G
5	5.690G	6	5.541G	7	5.494G	8	5.558G
9	5.438G	10	5.580G	11	5.600G	12	5.346G
13	5.709G	14	5.361G	15	5.446G	16	5.315G
17	5.615G	18	5.683G	19	5.573G	20	5.401G
21	5.628G	22	5.360G	23	5.560G	24	5.356G
25	5.303G	26	5.510G	27	5.284G	28	5.514G
29	5.616G	30	5.320G	31	5.420G	32	5.486G
33	5.552G	34	5.426G	35	5.605G	36	5.663G
37	5.715G	38	5.378G	39	5.631G	40	5.593G
41	5.630G	42	5.706G	43	5.328G	44	5.416G
45	5.277G	46	5.622G	47	5.365G	48	5.495G
49	5.410G	50	5.614G	51	5.526G	52	5.625G
53	5.254G	54	5.437G	55	5.385G	56	5.425G
57	5.294G	58	5.433G	59	5.299G	60	5.566G
61	5.577G	62	5.250G	63	5.503G	64	5.265G
65	5.465G	66	5.480G	67	5.483G	68	5.602G
69	5.414G	70	5.478G	71	5.650G	72	5.509G
73	5.369G	74	5.251G	75	5.692G	76	5.591G
77	5.421G	78	5.521G	79	5.519G	80	5.319G
81	5.288G	82	5.403G	83	5.476G	84	5.253G
85	5.704G	86	5.664G	87	5.311G	88	5.469G
89	5.673G	90	5.489G	91	5.490G	92	5.697G
93	5.565G	94	5.699G	95	5.585G	96	5.280G
97	5.581G	98	5.583G	99	5.458G	100	5.459G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.678G	2	5.461G	3	5.702G	4	5.599G
5	5.340G	6	5.561G	7	5.674G	8	5.289G
9	5.622G	10	5.523G	11	5.331G	12	5.673G
13	5.613G	14	5.565G	15	5.483G	16	5.570G
17	5.624G	18	5.310G	19	5.696G	20	5.321G
21	5.491G	22	5.363G	23	5.263G	24	5.557G
25	5.632G	26	5.689G	27	5.532G	28	5.598G
29	5.614G	30	5.571G	31	5.630G	32	5.526G
33	5.602G	34	5.633G	35	5.251G	36	5.666G
37	5.593G	38	5.566G	39	5.270G	40	5.509G
41	5.388G	42	5.266G	43	5.654G	44	5.277G
45	5.656G	46	5.524G	47	5.695G	48	5.281G
49	5.333G	50	5.652G	51	5.610G	52	5.663G
53	5.704G	54	5.350G	55	5.533G	56	5.682G
57	5.527G	58	5.722G	59	5.403G	60	5.586G
61	5.291G	62	5.286G	63	5.397G	64	5.298G
65	5.412G	66	5.543G	67	5.522G	68	5.477G
69	5.503G	70	5.609G	71	5.611G	72	5.294G
73	5.660G	74	5.657G	75	5.273G	76	5.540G
77	5.587G	78	5.467G	79	5.534G	80	5.326G
81	5.324G	82	5.257G	83	5.307G	84	5.476G
85	5.519G	86	5.308G	87	5.596G	88	5.651G
89	5.464G	90	5.253G	91	5.712G	92	5.342G
93	5.581G	94	5.428G	95	5.710G	96	5.639G
97	5.293G	98	5.306G	99	5.595G	100	5.498G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.654G	2	5.649G	3	5.715G	4	5.621G
5	5.490G	6	5.559G	7	5.724G	8	5.398G
9	5.569G	10	5.397G	11	5.568G	12	5.316G
13	5.612G	14	5.676G	15	5.360G	16	5.437G
17	5.641G	18	5.711G	19	5.637G	20	5.395G
21	5.592G	22	5.557G	23	5.510G	24	5.295G
25	5.443G	26	5.708G	27	5.392G	28	5.563G
29	5.411G	30	5.298G	31	5.372G	32	5.412G
33	5.646G	34	5.383G	35	5.638G	36	5.366G
37	5.532G	38	5.301G	39	5.722G	40	5.660G
41	5.376G	42	5.685G	43	5.679G	44	5.659G
45	5.369G	46	5.257G	47	5.327G	48	5.544G
49	5.377G	50	5.283G	51	5.361G	52	5.464G
53	5.315G	54	5.605G	55	5.667G	56	5.323G
57	5.534G	58	5.670G	59	5.636G	60	5.555G
61	5.560G	62	5.359G	63	5.714G	64	5.705G
65	5.531G	66	5.511G	67	5.524G	68	5.530G
69	5.384G	70	5.702G	71	5.545G	72	5.662G
73	5.616G	74	5.713G	75	5.648G	76	5.697G
77	5.633G	78	5.388G	79	5.423G	80	5.275G
81	5.622G	82	5.324G	83	5.261G	84	5.643G
85	5.690G	86	5.593G	87	5.429G	88	5.581G
89	5.514G	90	5.253G	91	5.433G	92	5.619G
93	5.350G	94	5.252G	95	5.513G	96	5.620G
97	5.339G	98	5.404G	99	5.687G	100	5.287G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.684G	2	5.641G	3	5.312G	4	5.294G
5	5.721G	6	5.341G	7	5.252G	8	5.296G
9	5.276G	10	5.385G	11	5.586G	12	5.607G
13	5.634G	14	5.431G	15	5.314G	16	5.632G
17	5.504G	18	5.359G	19	5.346G	20	5.465G
21	5.495G	22	5.534G	23	5.398G	24	5.559G
25	5.571G	26	5.329G	27	5.373G	28	5.713G
29	5.449G	30	5.297G	31	5.691G	32	5.615G
33	5.419G	34	5.552G	35	5.356G	36	5.665G
37	5.639G	38	5.701G	39	5.349G	40	5.616G
41	5.425G	42	5.637G	43	5.539G	44	5.454G
45	5.336G	46	5.380G	47	5.355G	48	5.505G
49	5.436G	50	5.657G	51	5.435G	52	5.474G
53	5.669G	54	5.492G	55	5.518G	56	5.599G
57	5.553G	58	5.722G	59	5.673G	60	5.387G
61	5.407G	62	5.535G	63	5.326G	64	5.561G
65	5.590G	66	5.409G	67	5.620G	68	5.270G
69	5.702G	70	5.573G	71	5.283G	72	5.678G
73	5.375G	74	5.540G	75	5.501G	76	5.485G
77	5.489G	78	5.604G	79	5.512G	80	5.393G
81	5.568G	82	5.470G	83	5.695G	84	5.681G
85	5.399G	86	5.371G	87	5.522G	88	5.353G
89	5.537G	90	5.631G	91	5.389G	92	5.377G
93	5.415G	94	5.288G	95	5.429G	96	5.515G
97	5.493G	98	5.335G	99	5.488G	100	5.255G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.439G	2	5.600G	3	5.316G	4	5.530G
5	5.275G	6	5.540G	7	5.535G	8	5.560G
9	5.525G	10	5.403G	11	5.534G	12	5.380G
13	5.541G	14	5.586G	15	5.693G	16	5.470G
17	5.536G	18	5.284G	19	5.490G	20	5.678G
21	5.553G	22	5.359G	23	5.705G	24	5.419G
25	5.638G	26	5.260G	27	5.263G	28	5.611G
29	5.448G	30	5.336G	31	5.621G	32	5.314G
33	5.682G	34	5.457G	35	5.334G	36	5.706G
37	5.469G	38	5.430G	39	5.464G	40	5.700G
41	5.509G	42	5.718G	43	5.272G	44	5.385G
45	5.507G	46	5.566G	47	5.687G	48	5.270G
49	5.274G	50	5.349G	51	5.571G	52	5.418G
53	5.652G	54	5.501G	55	5.710G	56	5.669G
57	5.695G	58	5.375G	59	5.273G	60	5.623G
61	5.686G	62	5.362G	63	5.406G	64	5.264G
65	5.331G	66	5.519G	67	5.510G	68	5.309G
69	5.598G	70	5.573G	71	5.396G	72	5.259G
73	5.325G	74	5.402G	75	5.684G	76	5.458G
77	5.614G	78	5.320G	79	5.463G	80	5.352G
81	5.692G	82	5.719G	83	5.708G	84	5.696G
85	5.411G	86	5.466G	87	5.399G	88	5.390G
89	5.484G	90	5.661G	91	5.561G	92	5.512G
93	5.478G	94	5.281G	95	5.414G	96	5.366G
97	5.400G	98	5.468G	99	5.450G	100	5.520G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.294G	2	5.589G	3	5.506G	4	5.475G
5	5.610G	6	5.251G	7	5.677G	8	5.328G
9	5.644G	10	5.705G	11	5.634G	12	5.377G
13	5.536G	14	5.258G	15	5.477G	16	5.386G
17	5.381G	18	5.333G	19	5.335G	20	5.353G
21	5.299G	22	5.510G	23	5.460G	24	5.494G
25	5.264G	26	5.545G	27	5.271G	28	5.487G
29	5.657G	30	5.282G	31	5.391G	32	5.631G
33	5.680G	34	5.390G	35	5.324G	36	5.555G
37	5.357G	38	5.479G	39	5.344G	40	5.345G
41	5.606G	42	5.321G	43	5.412G	44	5.411G
45	5.466G	46	5.517G	47	5.276G	48	5.316G
49	5.591G	50	5.535G	51	5.685G	52	5.394G
53	5.563G	54	5.584G	55	5.612G	56	5.539G
57	5.553G	58	5.500G	59	5.548G	60	5.393G
61	5.318G	62	5.499G	63	5.579G	64	5.490G
65	5.437G	66	5.340G	67	5.613G	68	5.361G
69	5.721G	70	5.359G	71	5.557G	72	5.336G
73	5.696G	74	5.332G	75	5.527G	76	5.550G
77	5.621G	78	5.405G	79	5.625G	80	5.544G
81	5.376G	82	5.341G	83	5.600G	84	5.708G
85	5.259G	86	5.446G	87	5.629G	88	5.496G
89	5.339G	90	5.442G	91	5.305G	92	5.461G
93	5.654G	94	5.533G	95	5.319G	96	5.360G
97	5.383G	98	5.530G	99	5.723G	100	5.311G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.589G	2	5.310G	3	5.439G	4	5.607G
5	5.256G	6	5.461G	7	5.397G	8	5.514G
9	5.377G	10	5.521G	11	5.399G	12	5.524G
13	5.614G	14	5.639G	15	5.537G	16	5.303G
17	5.261G	18	5.368G	19	5.435G	20	5.284G
21	5.339G	22	5.700G	23	5.722G	24	5.413G
25	5.495G	26	5.279G	27	5.720G	28	5.426G
29	5.394G	30	5.599G	31	5.578G	32	5.378G
33	5.363G	34	5.608G	35	5.443G	36	5.517G
37	5.594G	38	5.687G	39	5.340G	40	5.292G
41	5.398G	42	5.304G	43	5.698G	44	5.396G
45	5.379G	46	5.383G	47	5.485G	48	5.655G
49	5.677G	50	5.466G	51	5.468G	52	5.448G
53	5.680G	54	5.440G	55	5.590G	56	5.628G
57	5.673G	58	5.359G	59	5.647G	60	5.699G
61	5.681G	62	5.710G	63	5.434G	64	5.525G
65	5.501G	66	5.649G	67	5.705G	68	5.528G
69	5.659G	70	5.602G	71	5.668G	72	5.511G
73	5.503G	74	5.254G	75	5.539G	76	5.346G
77	5.449G	78	5.512G	79	5.496G	80	5.330G
81	5.493G	82	5.369G	83	5.565G	84	5.544G
85	5.366G	86	5.615G	87	5.422G	88	5.667G
89	5.401G	90	5.560G	91	5.541G	92	5.331G
93	5.592G	94	5.328G	95	5.275G	96	5.664G
97	5.656G	98	5.264G	99	5.613G	100	5.491G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.720G	2	5.264G	3	5.591G	4	5.627G
5	5.486G	6	5.709G	7	5.296G	8	5.661G
9	5.349G	10	5.590G	11	5.274G	12	5.704G
13	5.332G	14	5.293G	15	5.397G	16	5.673G
17	5.382G	18	5.489G	19	5.645G	20	5.301G
21	5.320G	22	5.691G	23	5.453G	24	5.599G
25	5.706G	26	5.254G	27	5.495G	28	5.540G
29	5.513G	30	5.598G	31	5.316G	32	5.508G
33	5.440G	34	5.580G	35	5.315G	36	5.678G
37	5.281G	38	5.262G	39	5.629G	40	5.291G
41	5.492G	42	5.490G	43	5.655G	44	5.535G
45	5.352G	46	5.563G	47	5.277G	48	5.640G
49	5.260G	50	5.462G	51	5.323G	52	5.642G
53	5.633G	54	5.688G	55	5.606G	56	5.487G
57	5.365G	58	5.631G	59	5.538G	60	5.435G
61	5.556G	62	5.603G	63	5.480G	64	5.514G
65	5.341G	66	5.713G	67	5.687G	68	5.252G
69	5.503G	70	5.259G	71	5.447G	72	5.427G
73	5.596G	74	5.415G	75	5.335G	76	5.546G
77	5.694G	78	5.378G	79	5.482G	80	5.439G
81	5.420G	82	5.602G	83	5.363G	84	5.605G
85	5.693G	86	5.400G	87	5.295G	88	5.608G
89	5.515G	90	5.721G	91	5.393G	92	5.292G
93	5.714G	94	5.662G	95	5.390G	96	5.319G
97	5.306G	98	5.564G	99	5.336G	100	5.423G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.538G	2	5.663G	3	5.529G	4	5.315G
5	5.574G	6	5.685G	7	5.412G	8	5.385G
9	5.634G	10	5.686G	11	5.520G	12	5.448G
13	5.381G	14	5.463G	15	5.651G	16	5.477G
17	5.500G	18	5.585G	19	5.304G	20	5.258G
21	5.269G	22	5.566G	23	5.386G	24	5.615G
25	5.654G	26	5.270G	27	5.444G	28	5.292G
29	5.290G	30	5.379G	31	5.712G	32	5.273G
33	5.306G	34	5.264G	35	5.553G	36	5.274G
37	5.442G	38	5.472G	39	5.481G	40	5.260G
41	5.513G	42	5.527G	43	5.699G	44	5.560G
45	5.617G	46	5.383G	47	5.426G	48	5.378G
49	5.515G	50	5.598G	51	5.393G	52	5.577G
53	5.387G	54	5.474G	55	5.277G	56	5.276G
57	5.517G	58	5.312G	59	5.431G	60	5.704G
61	5.367G	62	5.402G	63	5.637G	64	5.488G
65	5.256G	66	5.429G	67	5.672G	68	5.287G
69	5.471G	70	5.445G	71	5.521G	72	5.331G
73	5.639G	74	5.586G	75	5.436G	76	5.583G
77	5.659G	78	5.263G	79	5.487G	80	5.547G
81	5.504G	82	5.297G	83	5.649G	84	5.440G
85	5.267G	86	5.259G	87	5.453G	88	5.291G
89	5.679G	90	5.716G	91	5.451G	92	5.407G
93	5.662G	94	5.688G	95	5.524G	96	5.467G
97	5.579G	98	5.562G	99	5.376G	100	5.701G

IEEE 802.11N 40MHz

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	4.7u	186.0u	YES
2	25	1.7u	176.0u	NO
3	27	1.2u	216.0u	YES
4	27	4.7u	188.0u	YES
5	28	2.8u	186.0u	YES
6	23	4.8u	201.0u	YES
7	28	1.9u	221.0u	YES
8	25	4.2u	194.0u	YES
9	23	2.7u	198.0u	YES
10	27	4.6u	224.0u	YES
11	26	4.1u	220.0u	YES
12	25	1.6u	153.0u	YES
13	27	4.9u	181.0u	YES
14	28	2.2u	160.0u	YES
15	26	4.8u	160.0u	YES
16	26	4.6u	170.0u	YES
17	27	4.5u	161.0u	YES
18	26	1.0u	151.0u	YES
19	28	4.0u	220.0u	YES
20	26	1.0u	188.0u	YES
21	26	2.8u	154.0u	YES
22	28	1.0u	160.0u	NO
23	24	1.7u	185.0u	YES
24	24	3.1u	202.0u	YES
25	26	1.2u	217.0u	YES
26	26	2.7u	171.0u	NO
27	27	4.0u	202.0u	YES
28	27	4.9u	160.0u	YES
29	29	2.2u	176.0u	YES
30	24	1.5u	169.0u	YES
Detection Rate: 90.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	7.1u	412.0u	YES
2	18	9.7u	423.0u	YES
3	17	7.4u	489.0u	NO
4	17	7.8u	280.0u	NO
5	17	9.7u	416.0u	YES
6	18	8.4u	224.0u	YES
7	17	8.5u	363.0u	YES
8	16	7.1u	409.0u	YES
9	16	6.0u	411.0u	YES
10	17	7.6u	207.0u	YES
11	17	9.2u	333.0u	YES
12	17	8.8u	338.0u	YES
13	17	9.7u	473.0u	YES
14	17	9.1u	320.0u	YES
15	17	7.3u	239.0u	NO
16	17	6.6u	335.0u	YES
17	18	9.2u	295.0u	YES
18	16	8.9u	414.0u	YES
19	18	9.5u	387.0u	YES
20	16	7.3u	497.0u	YES
21	16	7.1u	426.0u	NO
22	17	6.0u	493.0u	YES
23	17	9.5u	315.0u	YES
24	18	7.9u	338.0u	YES
25	18	9.3u	477.0u	YES
26	17	6.0u	327.0u	YES
27	17	6.7u	495.0u	YES
28	17	6.0u	336.0u	YES
29	18	6.4u	372.0u	YES
30	17	7.5u	494.0u	YES
Detection Rate: 86.7 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	12	19.3u	412.0u	YES
2	12	17.8u	261.0u	YES
3	12	19.3u	459.0u	YES
4	15	13.7u	463.0u	YES
5	16	17.6u	377.0u	YES
6	15	14.1u	290.0u	YES
7	15	15.4u	213.0u	YES
8	15	18.2u	363.0u	YES
9	15	16.6u	388.0u	YES
10	12	11.0u	384.0u	NO
11	13	16.1u	469.0u	NO
12	13	13.3u	224.0u	YES
13	15	12.0u	470.0u	YES
14	13	17.7u	312.0u	YES
15	13	17.1u	336.0u	YES
16	16	12.1u	227.0u	NO
17	13	15.2u	477.0u	YES
18	13	15.4u	319.0u	YES
19	13	14.8u	352.0u	NO
20	15	17.8u	354.0u	YES
21	14	11.8u	462.0u	YES
22	16	12.8u	234.0u	YES
23	15	12.5u	395.0u	YES
24	13	14.8u	459.0u	NO
25	15	15.3u	496.0u	YES
26	12	18.1u	447.0u	YES
27	14	16.5u	297.0u	NO
28	13	15.6u	377.0u	YES
29	14	19.1u	362.0u	YES
30	16	15.7u	374.0u	YES
				Detection Rate: 80.0 %

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	NO
6	LP_Signal_06	YES
7	LP_Signal_07	YES
8	LP_Signal_08	NO
9	LP_Signal_09	YES
10	LP_Signal_10	YES
11	LP_Signal_11	YES
12	LP_Signal_12	YES
13	LP_Signal_13	YES
14	LP_Signal_14	YES
15	LP_Signal_15	YES
16	LP_Signal_16	NO
17	LP_Signal_17	YES
18	LP_Signal_18	YES
19	LP_Signal_19	YES
20	LP_Signal_20	YES
21	LP_Signal_21	NO
22	LP_Signal_22	YES
23	LP_Signal_23	YES
24	LP_Signal_24	YES
25	LP_Signal_25	YES
26	LP_Signal_26	YES
27	LP_Signal_27	YES
28	LP_Signal_28	YES
29	LP_Signal_29	NO
30	LP_Signal_30	YES
		Detection Rate: 83.3 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 15

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	68.9u	1.411m	-	576.7m
2	1	19M	68.1u	-	-	327.0m
3	1	8M	73.1u	-	-	329.8m
4	1	11M	70.3u	-	-	44.41m
5	2	7M	50.4u	957.6u	-	660.5m
6	2	15M	51.9u	1.882m	-	438.9m
7	2	16M	93.9u	1.290m	-	365.3m
8	2	14M	95.8u	1.523m	-	597.3m
9	2	7M	65.6u	1.331m	-	476.5m
10	2	7M	59.5u	1.208m	-	601.3m
11	2	10M	64.9u	1.052m	-	327.2m
12	3	20M	70.5u	1.040m	1.865m	263.3m
13	2	18M	55.6u	983.4u	-	683.9m
14	1	10M	93.1u	-	-	601.9m
15	1	18M	50.9u	-	-	383.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	61.6u	1.277m	-	193.3m
2	3	6M	94.4u	1.419m	1.605m	356.4m
3	3	19M	93.6u	1.143m	1.282m	49.15m
4	1	13M	82.3u	-	-	380.4m
5	1	14M	79.6u	-	-	500.5m
6	2	15M	53.8u	1.716m	-	412.6m
7	1	10M	74.7u	-	-	189.7m
8	1	9M	98.9u	-	-	864.9m
9	1	8M	66.6u	-	-	822.0m
10	1	15M	63.1u	-	-	711.5m
11	1	16M	81.2u	-	-	98.65m
12	3	16M	76.6u	998.4u	1.915m	808.9m
13	3	18M	86.0u	1.247m	1.479m	253.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 14

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	78.1u	1.333m	-	473.5m
2	2	12M	68.0u	1.332m	-	311.3m
3	2	11M	61.9u	1.647m	-	245.5m
4	2	17M	89.7u	1.793m	-	450.3m
5	2	18M	89.1u	1.436m	-	740.0m
6	1	16M	91.5u	-	-	644.2m
7	2	19M	98.3u	1.429m	-	317.1m
8	2	19M	95.3u	1.512m	-	51.43m
9	2	19M	96.9u	1.231m	-	538.8m
10	2	12M	86.9u	1.438m	-	843.6m
11	2	18M	85.8u	1.114m	-	444.1m
12	2	20M	51.0u	1.946m	-	568.2m
13	2	14M	51.1u	1.772m	-	52.70m
14	3	7M	62.3u	1.263m	1.818m	788.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	95.4u	1.208m	1.304m	599.6m
2	2	6M	52.0u	1.207m	-	393.6m
3	1	10M	94.3u	-	-	254.3m
4	2	19M	98.4u	1.502m	-	632.4m
5	2	12M	64.3u	1.067m	-	604.5m
6	2	13M	57.1u	1.915m	-	379.3m
7	3	20M	97.1u	1.540m	1.696m	538.1m
8	1	15M	68.6u	-	-	439.9m
9	2	16M	61.4u	1.474m	-	355.4m
10	1	17M	50.7u	-	-	429.2m
11	1	13M	88.8u	-	-	125.3m
12	2	17M	80.4u	1.047m	-	234.4m
13	3	20M	74.6u	1.440m	1.386m	607.1m
14	2	15M	70.2u	1.306m	-	474.7m
15	2	13M	90.5u	1.149m	-	479.8m
16	2	7M	81.7u	1.716m	-	312.0m
17	2	10M	53.1u	1.644m	-	612.6m
18	3	15M	60.1u	1.680m	944.9u	616.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	64.4u	1.494m	-	50.38m
2	3	20M	67.3u	932.7u	1.803m	101.6m
3	3	5M	63.5u	1.063m	1.598m	284.4m
4	2	7M	50.9u	1.143m	-	458.0m
5	3	11M	84.3u	1.596m	1.358m	646.6m
6	1	8M	69.2u	-	-	68.88m
7	1	9M	54.7u	-	-	617.4m
8	2	11M	74.2u	1.486m	-	154.3m
9	1	10M	82.1u	-	-	386.9m
10	2	10M	72.5u	1.790m	-	245.9m
11	1	18M	77.9u	-	-	519.1m
12	1	16M	80.3u	-	-	239.4m
13	2	18M	56.2u	1.183m	-	516.2m
14	2	18M	60.9u	1.542m	-	257.9m
15	2	13M	95.9u	1.475m	-	516.8m
16	2	12M	86.3u	1.851m	-	307.9m
17	2	10M	94.5u	1.847m	-	55.81m
18	2	7M	58.5u	1.626m	-	92.62m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	99.2u	1.332m	-	284.3m
2	3	18M	64.1u	1.619m	1.182m	386.7m
3	2	14M	94.1u	1.493m	-	517.3m
4	2	9M	87.0u	1.878m	-	42.99m
5	1	6M	68.6u	-	-	843.0m
6	2	10M	73.7u	1.024m	-	711.7m
7	3	6M	58.9u	1.934m	1.212m	129.7m
8	2	13M	92.1u	1.023m	-	78.67m
9	1	15M	56.5u	-	-	15.19m
10	2	9M	90.0u	1.651m	-	258.4m
11	1	16M	91.8u	-	-	30.17m
12	2	17M	80.3u	1.052m	-	850.7m
13	2	19M	91.7u	933.3u	-	499.7m
14	2	11M	56.6u	1.301m	-	528.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	91.4u	1.137m	-	11.50m
2	2	14M	60.5u	1.790m	-	526.8m
3	2	19M	77.9u	1.275m	-	481.8m
4	1	15M	55.3u	-	-	621.7m
5	3	9M	83.5u	1.585m	1.793m	258.1m
6	2	14M	76.8u	1.154m	-	495.0m
7	2	7M	98.9u	1.047m	-	656.1m
8	3	7M	59.6u	1.767m	1.869m	431.6m
9	1	8M	99.5u	-	-	139.2m
10	3	14M	80.1u	1.215m	1.898m	390.9m
11	1	7M	80.1u	-	-	85.37m
12	2	16M	68.3u	1.387m	-	527.2m
13	2	19M	66.0u	1.096m	-	228.7m
14	3	10M	62.3u	1.907m	1.890m	535.5m
15	2	19M	57.6u	1.139m	-	195.9m
16	1	8M	50.1u	-	-	627.0m
17	2	19M	68.1u	1.532m	-	450.3m
18	1	18M	89.1u	-	-	377.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 18

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	66.7u	1.385m	-	413.8m
2	2	17M	64.4u	948.6u	-	102.4m
3	3	16M	75.3u	1.382m	1.112m	427.3m
4	3	7M	69.4u	1.453m	1.137m	163.3m
5	1	9M	72.9u	-	-	129.6m
6	1	11M	71.1u	-	-	149.4m
7	2	16M	55.8u	1.229m	-	50.55m
8	2	8M	63.4u	1.478m	-	59.17m
9	2	8M	78.2u	1.561m	-	555.3m
10	1	11M	92.7u	-	-	428.1m
11	2	13M	99.2u	1.044m	-	38.98m
12	2	14M	80.0u	1.420m	-	539.4m
13	2	15M	85.7u	974.3u	-	556.4m
14	2	18M	86.1u	1.879m	-	459.3m
15	2	14M	63.3u	1.800m	-	11.84m
16	2	14M	73.4u	1.631m	-	448.3m
17	2	6M	69.7u	1.568m	-	77.41m
18	1	17M	73.6u	-	-	166.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 9

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	82.1u	-	-	1.282
2	2	11M	84.3u	1.831m	-	1.037
3	3	13M	51.1u	1.905m	1.646m	652.9m
4	2	8M	58.1u	1.473m	-	1.320
5	1	9M	60.8u	-	-	241.8m
6	1	6M	80.6u	-	-	28.24m
7	2	5M	70.8u	1.626m	-	49.18m
8	2	14M	71.8u	1.075m	-	50.94m
9	1	7M	73.8u	-	-	540.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	70.0u	1.833m	1.879m	538.0m
2	2	14M	61.9u	1.430m	-	854.0m
3	2	10M	61.6u	1.810m	-	737.6m
4	3	11M	52.1u	1.772m	1.743m	136.4m
5	1	15M	53.0u	-	-	90.25m
6	3	15M	54.1u	1.291m	1.677m	223.3m
7	2	7M	78.2u	1.839m	-	349.3m
8	3	7M	71.5u	1.165m	1.246m	657.4m
9	2	13M	54.8u	1.898m	-	189.3m
10	2	19M	97.7u	1.678m	-	406.1m
11	1	6M	72.5u	-	-	725.4m
12	1	6M	71.0u	-	-	643.7m
13	3	13M	93.8u	1.552m	1.686m	522.3m
14	3	9M	64.9u	1.373m	1.083m	353.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	83.5u	-	-	600.2m
2	2	17M	98.7u	1.007m	-	604.2m
3	1	12M	59.7u	-	-	774.8m
4	2	9M	62.2u	1.522m	-	178.7m
5	3	16M	61.5u	1.465m	1.126m	548.5m
6	3	15M	70.4u	1.839m	1.082m	187.0m
7	3	10M	74.9u	1.394m	1.115m	572.7m
8	1	10M	53.4u	-	-	497.1m
9	2	10M	73.2u	1.172m	-	516.0m
10	1	6M	65.8u	-	-	622.7m
11	2	18M	70.1u	1.522m	-	40.71m
12	3	14M	74.9u	1.811m	1.040m	457.2m
13	3	16M	58.3u	1.445m	1.130m	23.07m
14	2	15M	77.0u	1.647m	-	645.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_12
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	99.9u	1.230m	-	227.0m
2	3	6M	70.4u	1.038m	1.779m	16.93m
3	2	15M	57.4u	1.276m	-	67.91m
4	2	19M	99.5u	1.305m	-	586.7m
5	1	5M	67.4u	-	-	896.8m
6	2	10M	56.9u	1.285m	-	749.9m
7	3	9M	98.6u	1.888m	1.754m	399.1m
8	1	11M	71.0u	-	-	173.2m
9	3	5M	68.6u	1.021m	1.229m	971.7m
10	2	6M	79.7u	1.397m	-	238.6m
11	3	12M	70.8u	1.623m	1.112m	652.3m
12	2	19M	63.0u	1.150m	-	759.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_13
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	76.1u	1.360m	953.9u	719.9m
2	1	6M	61.6u	-	-	272.4m
3	2	14M	67.2u	1.704m	-	434.6m
4	2	10M	69.5u	1.090m	-	584.7m
5	2	6M	56.9u	1.712m	-	9.704m
6	2	14M	83.0u	1.843m	-	710.3m
7	1	20M	70.6u	-	-	43.83m
8	1	5M	88.0u	-	-	27.35m
9	1	16M	55.8u	-	-	280.2m
10	1	7M	92.6u	-	-	787.9m
11	2	13M	75.5u	1.812m	-	101.1m
12	2	10M	82.4u	1.503m	-	675.7m
13	1	14M	75.2u	-	-	267.8m
14	3	14M	90.2u	915.8u	1.845m	843.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	54.3u	1.785m	-	699.9m
2	2	15M	81.4u	1.472m	-	436.8m
3	2	12M	63.3u	1.570m	-	389.8m
4	2	6M	88.2u	1.871m	-	737.0m
5	2	19M	67.9u	1.509m	-	519.6m
6	2	6M	95.7u	1.089m	-	283.2m
7	2	5M	91.1u	1.795m	-	179.7m
8	2	7M	57.8u	956.2u	-	485.4m
9	2	15M	66.9u	1.634m	-	320.9m
10	2	18M	86.0u	956.0u	-	723.7m
11	2	11M	72.7u	1.268m	-	382.2m
12	2	16M	86.1u	1.338m	-	518.3m
13	2	18M	97.2u	907.8u	-	619.5m
14	2	11M	80.9u	1.462m	-	68.29m
15	2	11M	69.2u	1.329m	-	356.2m
16	2	17M	53.5u	1.442m	-	428.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	59.8u	-	-	813.1m
2	2	18M	99.3u	1.718m	-	829.5m
3	1	17M	87.2u	-	-	908.2m
4	3	8M	65.5u	989.5u	1.458m	853.0m
5	3	6M	96.3u	1.815m	1.305m	219.2m
6	2	17M	76.6u	1.860m	-	468.1m
7	1	6M	72.3u	-	-	177.4m
8	2	12M	63.9u	1.801m	-	74.61m
9	1	15M	50.2u	-	-	78.03m
10	3	13M	85.1u	1.239m	1.385m	205.0m
11	2	20M	71.3u	988.7u	-	919.2m
12	3	17M	84.4u	1.780m	1.481m	97.09m
13	2	13M	56.8u	1.241m	-	451.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_16
Number of Bursts in Trial: 15

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	68.4u	1.412m	-	435.2m
2	2	12M	73.4u	1.353m	-	472.3m
3	2	18M	97.0u	1.372m	-	673.0m
4	2	11M	79.2u	1.511m	-	510.4m
5	2	16M	54.6u	1.191m	-	306.9m
6	2	19M	52.4u	1.041m	-	715.5m
7	2	6M	67.6u	1.824m	-	672.1m
8	2	10M	83.9u	1.848m	-	353.8m
9	1	15M	65.2u	-	-	653.8m
10	3	18M	61.0u	1.523m	1.930m	85.56m
11	1	8M	58.6u	-	-	405.2m
12	2	14M	93.6u	1.178m	-	772.2m
13	2	7M	77.2u	1.002m	-	551.1m
14	2	8M	57.4u	1.270m	-	471.9m
15	2	13M	79.4u	1.627m	-	152.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_17
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	75.1u	1.378m	-	377.0m
2	2	14M	89.5u	1.101m	-	1.241
3	2	14M	95.7u	1.498m	-	1.146
4	3	10M	69.3u	1.791m	1.023m	928.2m
5	3	15M	63.1u	1.669m	1.216m	772.4m
6	2	15M	76.3u	1.575m	-	407.1m
7	3	17M	98.1u	1.642m	1.859m	651.8m
8	2	6M	84.0u	995.0u	-	598.5m
9	1	6M	98.7u	-	-	106.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	63.0u	-	-	599.2m
2	1	14M	96.1u	-	-	1.264
3	3	10M	66.1u	1.689m	1.394m	943.3m
4	1	17M	87.4u	-	-	88.44m
5	1	10M	88.1u	-	-	1.149
6	3	20M	62.8u	1.773m	1.675m	558.8m
7	2	15M	60.6u	1.889m	-	420.8m
8	2	10M	97.2u	903.8u	-	1.126
9	2	20M	89.0u	966.0u	-	911.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_19
Number of Bursts in Trial: 9

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	97.0u	1.125m	-	373.9m
2	2	9M	62.5u	1.092m	-	1.329
3	2	6M	85.7u	1.265m	-	1.183
4	2	15M	58.5u	1.231m	-	798.2m
5	3	13M	56.4u	1.607m	1.944m	360.6m
6	2	13M	79.9u	1.851m	-	272.9m
7	1	6M	62.7u	-	-	930.7m
8	1	12M	79.8u	-	-	241.4m
9	3	19M	89.2u	1.364m	1.296m	1.219

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 17

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	64.6u	1.059m	1.036m	367.4m
2	2	10M	53.8u	1.818m	-	428.7m
3	1	16M	88.4u	-	-	693.0m
4	2	8M	94.7u	952.3u	-	83.54m
5	3	11M	50.1u	1.014m	1.806m	204.8m
6	2	16M	56.6u	1.409m	-	51.83m
7	2	14M	50.9u	1.261m	-	463.7m
8	2	7M	74.8u	1.234m	-	439.6m
9	2	20M	57.1u	1.629m	-	531.8m
10	1	13M	59.5u	-	-	245.1m
11	2	7M	73.2u	1.171m	-	536.8m
12	1	9M	63.5u	-	-	417.7m
13	1	15M	64.0u	-	-	441.8m
14	1	6M	61.8u	-	-	369.4m
15	3	13M	85.6u	1.164m	1.796m	671.4m
16	2	9M	80.7u	1.731m	-	545.9m
17	2	16M	68.7u	1.891m	-	697.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
Number of Bursts in Trial: 17

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	50.8u	-	-	524.5m
2	1	13M	86.0u	-	-	335.3m
3	3	12M	93.0u	1.323m	1.119m	386.8m
4	1	15M	61.4u	-	-	565.4m
5	1	9M	93.8u	-	-	555.7m
6	2	12M	66.2u	1.477m	-	589.0m
7	2	10M	56.6u	1.840m	-	131.8m
8	3	6M	79.0u	1.641m	1.525m	112.7m
9	2	13M	69.5u	1.703m	-	340.5m
10	1	10M	98.8u	-	-	550.2m
11	2	8M	83.1u	1.242m	-	485.9m
12	1	8M	83.9u	-	-	484.6m
13	1	6M	85.9u	-	-	74.78m
14	2	11M	64.0u	1.416m	-	283.2m
15	1	5M	98.6u	-	-	173.0m
16	3	10M	60.8u	1.537m	1.404m	514.6m
17	2	7M	84.0u	1.265m	-	430.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_22
Number of Bursts in Trial: 10

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	60.4u	1.931m	-	52.65m
2	3	17M	89.2u	981.8u	1.649m	1.038
3	3	11M	67.8u	1.424m	1.490m	473.8m
4	2	11M	65.9u	1.577m	-	196.4m
5	1	18M	53.5u	-	-	1.031
6	3	10M	61.9u	1.150m	1.438m	282.9m
7	2	5M	89.4u	1.840m	-	1.132
8	2	20M	68.9u	1.401m	-	518.8m
9	2	20M	65.6u	1.097m	-	558.0m
10	2	8M	97.5u	935.5u	-	786.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_23
Number of Bursts in Trial: 12

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	85.4u	1.006m	-	248.9m
2	2	11M	54.6u	1.020m	-	879.9m
3	3	16M	56.9u	1.606m	1.038m	287.3m
4	3	16M	78.5u	1.350m	1.741m	448.3m
5	2	19M	84.6u	1.799m	-	546.7m
6	2	20M	53.8u	1.695m	-	288.6m
7	2	20M	65.5u	1.860m	-	361.9m
8	2	19M	58.1u	992.9u	-	130.4m
9	3	7M	92.4u	1.387m	1.267m	277.8m
10	2	7M	64.7u	1.200m	-	936.9m
11	2	13M	59.5u	1.781m	-	134.9m
12	2	16M	76.0u	1.050m	-	559.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_24
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	69.9u	1.203m	-	549.0m
2	2	8M	73.0u	1.011m	-	611.0m
3	3	9M	77.3u	1.251m	1.903m	632.0m
4	2	9M	55.0u	1.337m	-	119.0m
5	3	6M	78.9u	1.690m	1.653m	667.8m
6	1	6M	61.8u	-	-	159.3m
7	2	12M	78.4u	1.388m	-	240.9m
8	3	8M	85.1u	1.730m	1.433m	365.3m
9	3	11M	60.0u	977.0u	1.910m	648.2m
10	2	11M	92.4u	1.012m	-	360.6m
11	2	15M	76.9u	1.190m	-	656.6m
12	1	16M	65.2u	-	-	530.4m
13	3	17M	66.1u	1.346m	1.849m	248.8m
14	2	13M	93.7u	1.550m	-	203.0m
15	2	7M	55.6u	1.524m	-	400.7m
16	2	16M	90.6u	1.868m	-	579.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
Number of Bursts in Trial: 9

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	62.3u	-	-	677.7m
2	2	16M	68.9u	1.710m	-	446.6m
3	2	13M	81.8u	1.462m	-	680.9m
4	2	13M	73.0u	1.050m	-	14.18m
5	2	14M	52.0u	1.301m	-	137.5m
6	1	20M	56.6u	-	-	1.186
7	2	17M	54.9u	1.058m	-	570.6m
8	2	5M	71.5u	1.926m	-	324.4m
9	2	9M	52.1u	1.618m	-	380.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 18

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	13M	83.3u	-	-	526.5m
2	3	8M	90.7u	1.383m	1.667m	575.5m
3	3	9M	93.1u	995.9u	989.9u	484.1m
4	1	12M	88.1u	-	-	208.5m
5	2	13M	98.9u	1.257m	-	255.7m
6	2	13M	86.3u	1.498m	-	152.1m
7	3	9M	53.0u	1.691m	1.924m	47.26m
8	3	7M	85.5u	1.159m	1.898m	222.9m
9	1	19M	98.5u	-	-	616.0m
10	1	16M	56.6u	-	-	646.9m
11	3	19M	66.7u	1.344m	1.879m	627.0m
12	2	16M	62.9u	1.311m	-	150.9m
13	1	8M	93.7u	-	-	379.3m
14	2	18M	94.8u	1.894m	-	366.9m
15	1	14M	62.3u	-	-	237.5m
16	2	17M	79.3u	1.313m	-	248.0m
17	2	15M	72.0u	1.515m	-	184.7m
18	1	16M	70.7u	-	-	527.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_27
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	53.9u	1.843m	1.736m	507.1m
2	1	14M	98.6u	-	-	190.1m
3	2	16M	59.7u	1.917m	-	396.3m
4	3	12M	91.5u	1.494m	1.257m	160.6m
5	2	6M	76.4u	1.424m	-	444.4m
6	2	13M	83.2u	1.553m	-	585.7m
7	3	5M	97.2u	1.653m	1.722m	394.6m
8	2	13M	81.5u	1.293m	-	298.6m
9	2	6M	58.7u	1.222m	-	122.8m
10	3	12M	72.8u	1.259m	1.120m	71.43m
11	2	12M	79.2u	1.865m	-	54.54m
12	1	12M	52.5u	-	-	509.1m
13	2	10M	52.2u	1.761m	-	282.7m
14	1	10M	92.5u	-	-	151.6m
15	2	11M	90.3u	1.273m	-	35.63m
16	2	10M	81.8u	1.367m	-	37.10m
17	3	6M	55.9u	1.252m	1.138m	100.0m
18	1	15M	54.6u	-	-	238.1m
19	1	20M	99.7u	-	-	461.2m
20	1	16M	86.3u	-	-	288.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	68.3u	-	-	232.5m
2	3	16M	89.5u	1.856m	955.5u	575.9m
3	2	9M	90.7u	1.536m	-	87.22m
4	2	13M	58.6u	1.812m	-	602.7m
5	2	10M	72.0u	999.0u	-	311.2m
6	1	20M	83.1u	-	-	180.7m
7	2	7M	58.3u	1.538m	-	614.5m
8	3	8M	50.0u	1.112m	1.809m	641.2m
9	2	18M	58.5u	1.306m	-	398.5m
10	2	17M	60.6u	1.263m	-	42.56m
11	3	14M	64.7u	1.574m	1.284m	213.2m
12	2	9M	62.7u	1.162m	-	216.0m
13	2	14M	76.2u	1.460m	-	243.7m
14	2	15M	54.0u	1.564m	-	364.5m
15	1	6M	82.2u	-	-	486.9m
16	2	18M	59.0u	1.329m	-	385.4m
17	3	20M	67.9u	1.889m	1.636m	650.9m
18	1	12M	81.2u	-	-	88.15m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_29
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	79.0u	1.143m	-	16.43m
2	3	15M	73.8u	1.756m	934.2u	330.8m
3	1	13M	67.3u	-	-	221.8m
4	1	14M	54.1u	-	-	40.19m
5	2	6M	86.9u	1.762m	-	567.3m
6	2	10M	71.5u	1.081m	-	198.7m
7	2	19M	92.8u	1.578m	-	404.7m
8	2	18M	59.0u	1.374m	-	648.5m
9	1	19M	96.3u	-	-	745.3m
10	2	11M	73.0u	1.495m	-	279.3m
11	3	19M	60.7u	1.522m	1.872m	293.1m
12	2	20M	89.0u	1.508m	-	497.5m
13	3	16M	57.2u	1.531m	1.711m	490.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	94.8u	1.747m	-	1.029
2	2	8M	67.1u	995.9u	-	1.197
3	1	9M	63.6u	-	-	509.0m
4	2	10M	54.3u	1.037m	-	433.0m
5	3	7M	77.1u	1.819m	1.347m	358.8m
6	2	7M	61.4u	1.815m	-	928.4m
7	1	8M	86.1u	-	-	16.80m
8	1	6M	90.9u	-	-	1.098
9	2	17M	98.4u	1.362m	-	208.1m
10	1	10M	98.7u	-	-	480.1m

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	5.632G	2	5.720G	3	5.320G	4	5.269G
5	5.328G	6	5.613G	7	5.573G	8	5.529G
9	5.408G	10	5.423G	11	5.417G	12	5.506G
13	5.653G	14	5.519G	15	5.407G	16	5.692G
17	5.678G	18	5.350G	19	5.719G	20	5.561G
21	5.680G	22	5.452G	23	5.431G	24	5.679G
25	5.585G	26	5.284G	27	5.650G	28	5.500G
29	5.405G	30	5.329G	31	5.577G	32	5.334G
33	5.403G	34	5.253G	35	5.513G	36	5.439G
37	5.695G	38	5.686G	39	5.563G	40	5.295G
41	5.545G	42	5.711G	43	5.558G	44	5.345G
45	5.318G	46	5.289G	47	5.449G	48	5.274G
49	5.286G	50	5.250G	51	5.607G	52	5.344G
53	5.592G	54	5.296G	55	5.565G	56	5.571G
57	5.657G	58	5.374G	59	5.297G	60	5.614G
61	5.717G	62	5.508G	63	5.641G	64	5.528G
65	5.550G	66	5.437G	67	5.598G	68	5.576G
69	5.630G	70	5.265G	71	5.621G	72	5.356G
73	5.292G	74	5.548G	75	5.501G	76	5.515G
77	5.361G	78	5.454G	79	5.582G	80	5.622G
81	5.698G	82	5.338G	83	5.701G	84	5.590G
85	5.310G	86	5.510G	87	5.547G	88	5.376G
89	5.482G	90	5.415G	91	5.531G	92	5.309G
93	5.260G	94	5.562G	95	5.490G	96	5.552G
97	5.337G	98	5.474G	99	5.615G	100	5.477G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.718G	3	5.604G	4	5.444G
5	5.544G	6	5.437G	7	5.493G	8	5.510G
9	5.632G	10	5.343G	11	5.469G	12	5.665G
13	5.435G	14	5.429G	15	5.455G	16	5.562G
17	5.586G	18	5.440G	19	5.656G	20	5.480G
21	5.583G	22	5.584G	23	5.512G	24	5.531G
25	5.535G	26	5.517G	27	5.460G	28	5.547G
29	5.634G	30	5.340G	31	5.601G	32	5.364G
33	5.471G	34	5.613G	35	5.457G	36	5.363G
37	5.664G	38	5.335G	39	5.574G	40	5.676G
41	5.490G	42	5.251G	43	5.626G	44	5.674G
45	5.537G	46	5.611G	47	5.587G	48	5.715G
49	5.371G	50	5.594G	51	5.442G	52	5.270G
53	5.643G	54	5.477G	55	5.593G	56	5.254G
57	5.684G	58	5.651G	59	5.324G	60	5.716G
61	5.648G	62	5.288G	63	5.356G	64	5.386G
65	5.486G	66	5.275G	67	5.618G	68	5.331G
69	5.298G	70	5.319G	71	5.527G	72	5.692G
73	5.690G	74	5.381G	75	5.401G	76	5.373G
77	5.255G	78	5.539G	79	5.294G	80	5.388G
81	5.395G	82	5.252G	83	5.503G	84	5.291G
85	5.720G	86	5.550G	87	5.406G	88	5.387G
89	5.384G	90	5.500G	91	5.710G	92	5.263G
93	5.399G	94	5.538G	95	5.463G	96	5.274G
97	5.449G	98	5.305G	99	5.553G	100	5.622G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.574G	2	5.578G	3	5.273G	4	5.623G
5	5.546G	6	5.564G	7	5.484G	8	5.508G
9	5.482G	10	5.257G	11	5.685G	12	5.255G
13	5.645G	14	5.674G	15	5.537G	16	5.436G
17	5.320G	18	5.375G	19	5.274G	20	5.613G
21	5.428G	22	5.270G	23	5.349G	24	5.500G
25	5.301G	26	5.487G	27	5.259G	28	5.715G
29	5.473G	30	5.389G	31	5.304G	32	5.676G
33	5.424G	34	5.575G	35	5.707G	36	5.551G
37	5.256G	38	5.709G	39	5.535G	40	5.450G
41	5.339G	42	5.366G	43	5.591G	44	5.688G
45	5.466G	46	5.693G	47	5.581G	48	5.364G
49	5.571G	50	5.713G	51	5.415G	52	5.590G
53	5.527G	54	5.615G	55	5.608G	56	5.474G
57	5.356G	58	5.502G	59	5.632G	60	5.694G
61	5.469G	62	5.498G	63	5.367G	64	5.282G
65	5.285G	66	5.627G	67	5.710G	68	5.391G
69	5.567G	70	5.689G	71	5.381G	72	5.507G
73	5.661G	74	5.696G	75	5.333G	76	5.289G
77	5.458G	78	5.318G	79	5.459G	80	5.309G
81	5.657G	82	5.340G	83	5.393G	84	5.705G
85	5.425G	86	5.532G	87	5.443G	88	5.597G
89	5.702G	90	5.401G	91	5.452G	92	5.598G
93	5.501G	94	5.434G	95	5.314G	96	5.384G
97	5.563G	98	5.265G	99	5.478G	100	5.523G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.693G	2	5.432G	3	5.673G	4	5.534G
5	5.656G	6	5.418G	7	5.444G	8	5.272G
9	5.386G	10	5.382G	11	5.393G	12	5.423G
13	5.271G	14	5.318G	15	5.562G	16	5.350G
17	5.346G	18	5.261G	19	5.375G	20	5.395G
21	5.448G	22	5.718G	23	5.361G	24	5.303G
25	5.390G	26	5.697G	27	5.559G	28	5.286G
29	5.532G	30	5.570G	31	5.389G	32	5.653G
33	5.362G	34	5.721G	35	5.537G	36	5.347G
37	5.623G	38	5.282G	39	5.327G	40	5.661G
41	5.384G	42	5.684G	43	5.615G	44	5.359G
45	5.300G	46	5.260G	47	5.421G	48	5.648G
49	5.352G	50	5.349G	51	5.510G	52	5.617G
53	5.414G	54	5.478G	55	5.525G	56	5.500G
57	5.486G	58	5.408G	59	5.465G	60	5.588G
61	5.410G	62	5.402G	63	5.341G	64	5.535G
65	5.715G	66	5.357G	67	5.574G	68	5.717G
69	5.325G	70	5.344G	71	5.677G	72	5.392G
73	5.433G	74	5.539G	75	5.572G	76	5.351G
77	5.358G	78	5.585G	79	5.651G	80	5.682G
81	5.415G	82	5.529G	83	5.322G	84	5.294G
85	5.428G	86	5.277G	87	5.396G	88	5.668G
89	5.679G	90	5.457G	91	5.671G	92	5.479G
93	5.405G	94	5.675G	95	5.368G	96	5.642G
97	5.672G	98	5.266G	99	5.462G	100	5.669G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.643G	2	5.262G	3	5.330G	4	5.478G
5	5.532G	6	5.382G	7	5.610G	8	5.597G
9	5.564G	10	5.710G	11	5.263G	12	5.555G
13	5.702G	14	5.704G	15	5.524G	16	5.468G
17	5.453G	18	5.580G	19	5.590G	20	5.531G
21	5.392G	22	5.663G	23	5.545G	24	5.415G
25	5.370G	26	5.625G	27	5.573G	28	5.720G
29	5.662G	30	5.592G	31	5.334G	32	5.719G
33	5.679G	34	5.368G	35	5.413G	36	5.292G
37	5.335G	38	5.593G	39	5.286G	40	5.383G
41	5.507G	42	5.618G	43	5.428G	44	5.617G
45	5.410G	46	5.696G	47	5.444G	48	5.287G
49	5.361G	50	5.366G	51	5.381G	52	5.377G
53	5.671G	54	5.666G	55	5.317G	56	5.408G
57	5.685G	58	5.310G	59	5.599G	60	5.656G
61	5.493G	62	5.676G	63	5.669G	64	5.323G
65	5.364G	66	5.433G	67	5.487G	68	5.289G
69	5.319G	70	5.380G	71	5.276G	72	5.569G
73	5.250G	74	5.570G	75	5.427G	76	5.452G
77	5.574G	78	5.303G	79	5.578G	80	5.409G
81	5.718G	82	5.552G	83	5.269G	84	5.553G
85	5.636G	86	5.398G	87	5.347G	88	5.620G
89	5.260G	90	5.448G	91	5.483G	92	5.604G
93	5.394G	94	5.535G	95	5.520G	96	5.572G
97	5.265G	98	5.337G	99	5.527G	100	5.351G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.571G	2	5.697G	3	5.356G	4	5.309G
5	5.445G	6	5.514G	7	5.541G	8	5.539G
9	5.400G	10	5.636G	11	5.495G	12	5.687G
13	5.715G	14	5.376G	15	5.523G	16	5.664G
17	5.551G	18	5.250G	19	5.278G	20	5.476G
21	5.684G	22	5.504G	23	5.650G	24	5.277G
25	5.594G	26	5.413G	27	5.510G	28	5.610G
29	5.531G	30	5.396G	31	5.492G	32	5.662G
33	5.467G	34	5.452G	35	5.627G	36	5.686G
37	5.380G	38	5.401G	39	5.525G	40	5.286G
41	5.465G	42	5.487G	43	5.581G	44	5.624G
45	5.263G	46	5.526G	47	5.359G	48	5.397G
49	5.291G	50	5.335G	51	5.644G	52	5.385G
53	5.357G	54	5.631G	55	5.378G	56	5.411G
57	5.490G	58	5.507G	59	5.587G	60	5.577G
61	5.406G	62	5.649G	63	5.405G	64	5.281G
65	5.546G	66	5.342G	67	5.648G	68	5.417G
69	5.473G	70	5.608G	71	5.584G	72	5.527G
73	5.443G	74	5.480G	75	5.289G	76	5.317G
77	5.616G	78	5.511G	79	5.620G	80	5.550G
81	5.612G	82	5.572G	83	5.704G	84	5.457G
85	5.712G	86	5.714G	87	5.404G	88	5.613G
89	5.451G	90	5.643G	91	5.537G	92	5.638G
93	5.440G	94	5.260G	95	5.265G	96	5.626G
97	5.298G	98	5.673G	99	5.327G	100	5.483G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.353G	2	5.504G	3	5.659G	4	5.568G
5	5.577G	6	5.515G	7	5.346G	8	5.605G
9	5.629G	10	5.583G	11	5.685G	12	5.617G
13	5.626G	14	5.551G	15	5.361G	16	5.484G
17	5.459G	18	5.457G	19	5.646G	20	5.633G
21	5.441G	22	5.370G	23	5.600G	24	5.345G
25	5.471G	26	5.465G	27	5.509G	28	5.464G
29	5.261G	30	5.573G	31	5.718G	32	5.439G
33	5.388G	34	5.667G	35	5.486G	36	5.363G
37	5.711G	38	5.480G	39	5.525G	40	5.379G
41	5.394G	42	5.592G	43	5.662G	44	5.250G
45	5.493G	46	5.255G	47	5.258G	48	5.694G
49	5.416G	50	5.683G	51	5.679G	52	5.558G
53	5.499G	54	5.656G	55	5.609G	56	5.374G
57	5.511G	58	5.295G	59	5.586G	60	5.262G
61	5.724G	62	5.414G	63	5.675G	64	5.552G
65	5.696G	66	5.307G	67	5.628G	68	5.519G
69	5.508G	70	5.290G	71	5.403G	72	5.347G
73	5.513G	74	5.400G	75	5.327G	76	5.438G
77	5.352G	78	5.582G	79	5.318G	80	5.666G
81	5.531G	82	5.608G	83	5.477G	84	5.373G
85	5.434G	86	5.680G	87	5.485G	88	5.277G
89	5.420G	90	5.625G	91	5.342G	92	5.317G
93	5.387G	94	5.380G	95	5.293G	96	5.355G
97	5.490G	98	5.304G	99	5.460G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.257G	2	5.338G	3	5.581G	4	5.537G
5	5.254G	6	5.460G	7	5.503G	8	5.403G
9	5.456G	10	5.325G	11	5.356G	12	5.310G
13	5.591G	14	5.632G	15	5.340G	16	5.321G
17	5.683G	18	5.721G	19	5.534G	20	5.501G
21	5.427G	22	5.529G	23	5.536G	24	5.449G
25	5.450G	26	5.401G	27	5.609G	28	5.535G
29	5.424G	30	5.568G	31	5.371G	32	5.657G
33	5.411G	34	5.384G	35	5.352G	36	5.329G
37	5.281G	38	5.681G	39	5.446G	40	5.664G
41	5.635G	42	5.278G	43	5.518G	44	5.584G
45	5.717G	46	5.413G	47	5.614G	48	5.720G
49	5.423G	50	5.685G	51	5.544G	52	5.603G
53	5.442G	54	5.303G	55	5.404G	56	5.370G
57	5.347G	58	5.637G	59	5.454G	60	5.712G
61	5.327G	62	5.348G	63	5.373G	64	5.328G
65	5.447G	66	5.344G	67	5.267G	68	5.395G
69	5.502G	70	5.426G	71	5.599G	72	5.569G
73	5.633G	74	5.579G	75	5.378G	76	5.339G
77	5.286G	78	5.587G	79	5.690G	80	5.381G
81	5.323G	82	5.696G	83	5.483G	84	5.562G
85	5.608G	86	5.498G	87	5.300G	88	5.425G
89	5.319G	90	5.702G	91	5.465G	92	5.448G
93	5.564G	94	5.571G	95	5.324G	96	5.445G
97	5.390G	98	5.463G	99	5.468G	100	5.486G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.708G	2	5.717G	3	5.354G	4	5.468G
5	5.631G	6	5.685G	7	5.402G	8	5.419G
9	5.489G	10	5.387G	11	5.406G	12	5.555G
13	5.574G	14	5.667G	15	5.699G	16	5.591G
17	5.345G	18	5.325G	19	5.580G	20	5.475G
21	5.430G	22	5.528G	23	5.653G	24	5.337G
25	5.693G	26	5.583G	27	5.255G	28	5.703G
29	5.289G	30	5.589G	31	5.584G	32	5.616G
33	5.534G	34	5.560G	35	5.300G	36	5.637G
37	5.539G	38	5.623G	39	5.284G	40	5.409G
41	5.621G	42	5.353G	43	5.380G	44	5.612G
45	5.311G	46	5.331G	47	5.433G	48	5.575G
49	5.463G	50	5.529G	51	5.254G	52	5.551G
53	5.611G	54	5.490G	55	5.410G	56	5.320G
57	5.377G	58	5.705G	59	5.709G	60	5.376G
61	5.547G	62	5.343G	63	5.676G	64	5.403G
65	5.625G	66	5.696G	67	5.262G	68	5.683G
69	5.473G	70	5.314G	71	5.478G	72	5.600G
73	5.372G	74	5.599G	75	5.660G	76	5.566G
77	5.634G	78	5.266G	79	5.494G	80	5.457G
81	5.257G	82	5.275G	83	5.459G	84	5.334G
85	5.613G	86	5.355G	87	5.614G	88	5.395G
89	5.399G	90	5.633G	91	5.273G	92	5.279G
93	5.342G	94	5.713G	95	5.548G	96	5.638G
97	5.706G	98	5.287G	99	5.527G	100	5.437G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.466G	2	5.533G	3	5.259G	4	5.645G
5	5.331G	6	5.539G	7	5.640G	8	5.382G
9	5.514G	10	5.626G	11	5.387G	12	5.571G
13	5.680G	14	5.406G	15	5.302G	16	5.631G
17	5.462G	18	5.625G	19	5.701G	20	5.612G
21	5.535G	22	5.665G	23	5.338G	24	5.395G
25	5.393G	26	5.504G	27	5.608G	28	5.380G
29	5.476G	30	5.507G	31	5.696G	32	5.267G
33	5.524G	34	5.710G	35	5.258G	36	5.368G
37	5.715G	38	5.591G	39	5.478G	40	5.280G
41	5.364G	42	5.436G	43	5.691G	44	5.674G
45	5.603G	46	5.438G	47	5.723G	48	5.509G
49	5.465G	50	5.314G	51	5.563G	52	5.428G
53	5.337G	54	5.672G	55	5.339G	56	5.531G
57	5.662G	58	5.356G	59	5.434G	60	5.632G
61	5.700G	62	5.698G	63	5.605G	64	5.336G
65	5.300G	66	5.704G	67	5.682G	68	5.528G
69	5.624G	70	5.464G	71	5.523G	72	5.468G
73	5.546G	74	5.396G	75	5.713G	76	5.659G
77	5.342G	78	5.613G	79	5.633G	80	5.420G
81	5.357G	82	5.313G	83	5.620G	84	5.534G
85	5.273G	86	5.651G	87	5.536G	88	5.270G
89	5.440G	90	5.307G	91	5.568G	92	5.394G
93	5.296G	94	5.400G	95	5.328G	96	5.565G
97	5.577G	98	5.647G	99	5.491G	100	5.553G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.604G	2	5.562G	3	5.634G	4	5.467G
5	5.367G	6	5.416G	7	5.488G	8	5.332G
9	5.505G	10	5.626G	11	5.600G	12	5.464G
13	5.596G	14	5.359G	15	5.381G	16	5.376G
17	5.550G	18	5.514G	19	5.390G	20	5.694G
21	5.684G	22	5.415G	23	5.391G	24	5.498G
25	5.593G	26	5.311G	27	5.515G	28	5.449G
29	5.485G	30	5.579G	31	5.717G	32	5.393G
33	5.580G	34	5.257G	35	5.559G	36	5.417G
37	5.350G	38	5.544G	39	5.613G	40	5.537G
41	5.489G	42	5.614G	43	5.495G	44	5.280G
45	5.458G	46	5.287G	47	5.315G	48	5.695G
49	5.361G	50	5.690G	51	5.475G	52	5.453G
53	5.369G	54	5.609G	55	5.265G	56	5.496G
57	5.290G	58	5.333G	59	5.455G	60	5.447G
61	5.352G	62	5.668G	63	5.373G	64	5.620G
65	5.479G	66	5.653G	67	5.601G	68	5.263G
69	5.536G	70	5.712G	71	5.300G	72	5.435G
73	5.358G	74	5.293G	75	5.582G	76	5.364G
77	5.429G	78	5.291G	79	5.405G	80	5.649G
81	5.531G	82	5.585G	83	5.707G	84	5.570G
85	5.554G	86	5.521G	87	5.400G	88	5.529G
89	5.722G	90	5.492G	91	5.399G	92	5.703G
93	5.264G	94	5.328G	95	5.568G	96	5.665G
97	5.705G	98	5.396G	99	5.351G	100	5.564G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.481G	3	5.253G	4	5.427G
5	5.581G	6	5.438G	7	5.471G	8	5.542G
9	5.411G	10	5.307G	11	5.687G	12	5.386G
13	5.442G	14	5.514G	15	5.608G	16	5.684G
17	5.382G	18	5.551G	19	5.456G	20	5.576G
21	5.540G	22	5.270G	23	5.493G	24	5.368G
25	5.526G	26	5.316G	27	5.484G	28	5.627G
29	5.252G	30	5.624G	31	5.553G	32	5.483G
33	5.353G	34	5.660G	35	5.723G	36	5.463G
37	5.317G	38	5.554G	39	5.279G	40	5.437G
41	5.352G	42	5.598G	43	5.372G	44	5.404G
45	5.341G	46	5.568G	47	5.504G	48	5.370G
49	5.588G	50	5.718G	51	5.582G	52	5.546G
53	5.505G	54	5.349G	55	5.497G	56	5.266G
57	5.412G	58	5.501G	59	5.654G	60	5.335G
61	5.586G	62	5.640G	63	5.507G	64	5.661G
65	5.337G	66	5.523G	67	5.579G	68	5.482G
69	5.717G	70	5.656G	71	5.276G	72	5.315G
73	5.664G	74	5.275G	75	5.517G	76	5.673G
77	5.441G	78	5.580G	79	5.399G	80	5.596G
81	5.489G	82	5.443G	83	5.445G	84	5.692G
85	5.308G	86	5.288G	87	5.356G	88	5.686G
89	5.287G	90	5.657G	91	5.475G	92	5.705G
93	5.689G	94	5.261G	95	5.436G	96	5.281G
97	5.548G	98	5.407G	99	5.380G	100	5.519G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.431G	2	5.617G	3	5.509G	4	5.553G
5	5.632G	6	5.707G	7	5.350G	8	5.666G
9	5.383G	10	5.255G	11	5.306G	12	5.596G
13	5.365G	14	5.260G	15	5.394G	16	5.569G
17	5.411G	18	5.687G	19	5.269G	20	5.611G
21	5.423G	22	5.719G	23	5.445G	24	5.334G
25	5.323G	26	5.618G	27	5.512G	28	5.354G
29	5.461G	30	5.545G	31	5.507G	32	5.711G
33	5.276G	34	5.452G	35	5.704G	36	5.698G
37	5.572G	38	5.562G	39	5.372G	40	5.446G
41	5.613G	42	5.654G	43	5.434G	44	5.544G
45	5.384G	46	5.636G	47	5.425G	48	5.637G
49	5.317G	50	5.297G	51	5.442G	52	5.262G
53	5.450G	54	5.366G	55	5.459G	56	5.588G
57	5.263G	58	5.528G	59	5.441G	60	5.563G
61	5.311G	62	5.576G	63	5.706G	64	5.389G
65	5.580G	66	5.273G	67	5.375G	68	5.277G
69	5.659G	70	5.404G	71	5.275G	72	5.697G
73	5.558G	74	5.377G	75	5.352G	76	5.681G
77	5.368G	78	5.296G	79	5.633G	80	5.496G
81	5.328G	82	5.467G	83	5.486G	84	5.408G
85	5.332G	86	5.718G	87	5.357G	88	5.287G
89	5.537G	90	5.481G	91	5.571G	92	5.386G
93	5.399G	94	5.560G	95	5.499G	96	5.308G
97	5.265G	98	5.712G	99	5.527G	100	5.670G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.625G	2	5.312G	3	5.556G	4	5.449G
5	5.496G	6	5.669G	7	5.531G	8	5.514G
9	5.426G	10	5.315G	11	5.477G	12	5.677G
13	5.470G	14	5.422G	15	5.257G	16	5.504G
17	5.589G	18	5.349G	19	5.336G	20	5.376G
21	5.397G	22	5.585G	23	5.568G	24	5.456G
25	5.667G	26	5.465G	27	5.403G	28	5.372G
29	5.451G	30	5.506G	31	5.691G	32	5.488G
33	5.532G	34	5.646G	35	5.631G	36	5.394G
37	5.259G	38	5.694G	39	5.413G	40	5.609G
41	5.307G	42	5.490G	43	5.425G	44	5.298G
45	5.491G	46	5.341G	47	5.330G	48	5.613G
49	5.338G	50	5.526G	51	5.546G	52	5.648G
53	5.348G	54	5.371G	55	5.662G	56	5.378G
57	5.355G	58	5.533G	59	5.423G	60	5.553G
61	5.398G	62	5.713G	63	5.466G	64	5.601G
65	5.344G	66	5.472G	67	5.420G	68	5.588G
69	5.273G	70	5.703G	71	5.547G	72	5.559G
73	5.369G	74	5.695G	75	5.621G	76	5.366G
77	5.471G	78	5.464G	79	5.637G	80	5.250G
81	5.399G	82	5.453G	83	5.617G	84	5.364G
85	5.352G	86	5.651G	87	5.596G	88	5.663G
89	5.408G	90	5.541G	91	5.288G	92	5.614G
93	5.339G	94	5.458G	95	5.462G	96	5.700G
97	5.668G	98	5.253G	99	5.572G	100	5.575G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.699G	2	5.539G	3	5.569G	4	5.356G
5	5.588G	6	5.516G	7	5.262G	8	5.414G
9	5.451G	10	5.692G	11	5.570G	12	5.279G
13	5.329G	14	5.703G	15	5.608G	16	5.270G
17	5.541G	18	5.615G	19	5.257G	20	5.705G
21	5.504G	22	5.630G	23	5.282G	24	5.643G
25	5.623G	26	5.568G	27	5.642G	28	5.457G
29	5.581G	30	5.507G	31	5.616G	32	5.465G
33	5.715G	34	5.537G	35	5.601G	36	5.694G
37	5.367G	38	5.583G	39	5.378G	40	5.403G
41	5.310G	42	5.399G	43	5.484G	44	5.401G
45	5.548G	46	5.302G	47	5.296G	48	5.321G
49	5.666G	50	5.306G	51	5.410G	52	5.530G
53	5.708G	54	5.551G	55	5.405G	56	5.576G
57	5.428G	58	5.330G	59	5.494G	60	5.556G
61	5.721G	62	5.664G	63	5.431G	64	5.680G
65	5.555G	66	5.498G	67	5.492G	68	5.686G
69	5.603G	70	5.675G	71	5.275G	72	5.479G
73	5.252G	74	5.372G	75	5.268G	76	5.466G
77	5.266G	78	5.388G	79	5.550G	80	5.350G
81	5.491G	82	5.263G	83	5.341G	84	5.693G
85	5.289G	86	5.438G	87	5.526G	88	5.597G
89	5.522G	90	5.538G	91	5.303G	92	5.575G
93	5.717G	94	5.564G	95	5.660G	96	5.524G
97	5.677G	98	5.327G	99	5.265G	100	5.398G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.660G	3	5.652G	4	5.467G
5	5.422G	6	5.587G	7	5.713G	8	5.357G
9	5.337G	10	5.355G	11	5.502G	12	5.710G
13	5.288G	14	5.372G	15	5.395G	16	5.564G
17	5.494G	18	5.377G	19	5.309G	20	5.400G
21	5.319G	22	5.484G	23	5.623G	24	5.523G
25	5.524G	26	5.348G	27	5.590G	28	5.562G
29	5.476G	30	5.485G	31	5.629G	32	5.255G
33	5.510G	34	5.407G	35	5.569G	36	5.602G
37	5.253G	38	5.626G	39	5.696G	40	5.583G
41	5.287G	42	5.456G	43	5.642G	44	5.528G
45	5.507G	46	5.645G	47	5.714G	48	5.310G
49	5.418G	50	5.430G	51	5.618G	52	5.604G
53	5.374G	54	5.451G	55	5.546G	56	5.394G
57	5.379G	58	5.668G	59	5.682G	60	5.479G
61	5.582G	62	5.273G	63	5.535G	64	5.432G
65	5.571G	66	5.279G	67	5.511G	68	5.488G
69	5.320G	70	5.513G	71	5.308G	72	5.512G
73	5.346G	74	5.435G	75	5.700G	76	5.366G
77	5.480G	78	5.280G	79	5.671G	80	5.301G
81	5.369G	82	5.313G	83	5.336G	84	5.445G
85	5.471G	86	5.390G	87	5.674G	88	5.371G
89	5.398G	90	5.283G	91	5.373G	92	5.438G
93	5.591G	94	5.367G	95	5.646G	96	5.370G
97	5.388G	98	5.694G	99	5.716G	100	5.304G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.311G	2	5.263G	3	5.360G	4	5.276G
5	5.254G	6	5.667G	7	5.603G	8	5.418G
9	5.454G	10	5.493G	11	5.565G	12	5.352G
13	5.376G	14	5.584G	15	5.363G	16	5.479G
17	5.284G	18	5.397G	19	5.535G	20	5.356G
21	5.291G	22	5.589G	23	5.494G	24	5.509G
25	5.448G	26	5.283G	27	5.325G	28	5.296G
29	5.588G	30	5.643G	31	5.700G	32	5.450G
33	5.341G	34	5.592G	35	5.265G	36	5.662G
37	5.396G	38	5.557G	39	5.330G	40	5.606G
41	5.674G	42	5.331G	43	5.567G	44	5.343G
45	5.496G	46	5.632G	47	5.698G	48	5.550G
49	5.597G	50	5.349G	51	5.532G	52	5.507G
53	5.419G	54	5.721G	55	5.580G	56	5.289G
57	5.471G	58	5.503G	59	5.332G	60	5.536G
61	5.539G	62	5.481G	63	5.720G	64	5.562G
65	5.578G	66	5.681G	67	5.415G	68	5.669G
69	5.388G	70	5.252G	71	5.623G	72	5.386G
73	5.395G	74	5.627G	75	5.607G	76	5.626G
77	5.705G	78	5.262G	79	5.582G	80	5.552G
81	5.404G	82	5.531G	83	5.451G	84	5.661G
85	5.271G	86	5.577G	87	5.653G	88	5.679G
89	5.403G	90	5.321G	91	5.701G	92	5.619G
93	5.410G	94	5.660G	95	5.401G	96	5.499G
97	5.612G	98	5.677G	99	5.570G	100	5.312G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.534G	2	5.318G	3	5.428G	4	5.659G
5	5.714G	6	5.722G	7	5.668G	8	5.483G
9	5.278G	10	5.721G	11	5.641G	12	5.605G
13	5.644G	14	5.376G	15	5.469G	16	5.637G
17	5.584G	18	5.482G	19	5.570G	20	5.653G
21	5.622G	22	5.424G	23	5.418G	24	5.487G
25	5.532G	26	5.662G	27	5.527G	28	5.711G
29	5.261G	30	5.603G	31	5.365G	32	5.512G
33	5.687G	34	5.568G	35	5.581G	36	5.411G
37	5.542G	38	5.293G	39	5.494G	40	5.327G
41	5.260G	42	5.577G	43	5.520G	44	5.435G
45	5.614G	46	5.372G	47	5.486G	48	5.416G
49	5.375G	50	5.661G	51	5.352G	52	5.384G
53	5.688G	54	5.586G	55	5.442G	56	5.636G
57	5.452G	58	5.501G	59	5.321G	60	5.621G
61	5.303G	62	5.415G	63	5.557G	64	5.273G
65	5.434G	66	5.700G	67	5.610G	68	5.538G
69	5.470G	70	5.601G	71	5.566G	72	5.382G
73	5.348G	74	5.298G	75	5.302G	76	5.305G
77	5.429G	78	5.573G	79	5.474G	80	5.587G
81	5.268G	82	5.328G	83	5.342G	84	5.620G
85	5.696G	86	5.506G	87	5.523G	88	5.645G
89	5.681G	90	5.607G	91	5.638G	92	5.275G
93	5.333G	94	5.417G	95	5.701G	96	5.316G
97	5.578G	98	5.592G	99	5.628G	100	5.598G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.517G	2	5.265G	3	5.504G	4	5.261G
5	5.557G	6	5.296G	7	5.412G	8	5.329G
9	5.468G	10	5.602G	11	5.278G	12	5.718G
13	5.389G	14	5.354G	15	5.357G	16	5.637G
17	5.683G	18	5.385G	19	5.255G	20	5.405G
21	5.436G	22	5.443G	23	5.700G	24	5.654G
25	5.359G	26	5.556G	27	5.455G	28	5.388G
29	5.315G	30	5.531G	31	5.694G	32	5.350G
33	5.681G	34	5.682G	35	5.613G	36	5.684G
37	5.477G	38	5.337G	39	5.280G	40	5.335G
41	5.670G	42	5.660G	43	5.254G	44	5.448G
45	5.676G	46	5.257G	47	5.314G	48	5.507G
49	5.495G	50	5.399G	51	5.710G	52	5.586G
53	5.271G	54	5.664G	55	5.639G	56	5.572G
57	5.567G	58	5.592G	59	5.361G	60	5.486G
61	5.274G	62	5.312G	63	5.605G	64	5.459G
65	5.535G	66	5.644G	67	5.253G	68	5.347G
69	5.364G	70	5.513G	71	5.597G	72	5.713G
73	5.306G	74	5.299G	75	5.410G	76	5.344G
77	5.331G	78	5.706G	79	5.534G	80	5.632G
81	5.414G	82	5.425G	83	5.456G	84	5.277G
85	5.336G	86	5.483G	87	5.693G	88	5.348G
89	5.383G	90	5.565G	91	5.685G	92	5.721G
93	5.345G	94	5.304G	95	5.638G	96	5.546G
97	5.283G	98	5.716G	99	5.544G	100	5.524G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.430G	2	5.529G	3	5.488G	4	5.706G
5	5.491G	6	5.615G	7	5.499G	8	5.411G
9	5.484G	10	5.601G	11	5.292G	12	5.291G
13	5.452G	14	5.554G	15	5.549G	16	5.347G
17	5.556G	18	5.300G	19	5.274G	20	5.644G
21	5.525G	22	5.544G	23	5.334G	24	5.298G
25	5.541G	26	5.356G	27	5.589G	28	5.539G
29	5.395G	30	5.440G	31	5.270G	32	5.322G
33	5.472G	34	5.639G	35	5.582G	36	5.357G
37	5.502G	38	5.494G	39	5.510G	40	5.326G
41	5.560G	42	5.559G	43	5.611G	44	5.720G
45	5.507G	46	5.457G	47	5.343G	48	5.305G
49	5.489G	50	5.361G	51	5.638G	52	5.434G
53	5.715G	54	5.668G	55	5.465G	56	5.301G
57	5.697G	58	5.678G	59	5.518G	60	5.389G
61	5.524G	62	5.605G	63	5.409G	64	5.542G
65	5.264G	66	5.406G	67	5.272G	68	5.345G
69	5.643G	70	5.251G	71	5.624G	72	5.282G
73	5.664G	74	5.286G	75	5.648G	76	5.674G
77	5.463G	78	5.327G	79	5.473G	80	5.255G
81	5.413G	82	5.267G	83	5.690G	84	5.376G
85	5.379G	86	5.469G	87	5.377G	88	5.424G
89	5.344G	90	5.390G	91	5.369G	92	5.351G
93	5.512G	94	5.573G	95	5.533G	96	5.625G
97	5.656G	98	5.287G	99	5.587G	100	5.417G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.626G	2	5.518G	3	5.438G	4	5.433G
5	5.572G	6	5.639G	7	5.606G	8	5.612G
9	5.708G	10	5.384G	11	5.368G	12	5.308G
13	5.553G	14	5.534G	15	5.253G	16	5.363G
17	5.640G	18	5.512G	19	5.362G	20	5.637G
21	5.521G	22	5.648G	23	5.676G	24	5.511G
25	5.624G	26	5.252G	27	5.307G	28	5.526G
29	5.705G	30	5.339G	31	5.425G	32	5.316G
33	5.497G	34	5.517G	35	5.670G	36	5.610G
37	5.327G	38	5.441G	39	5.582G	40	5.567G
41	5.323G	42	5.340G	43	5.674G	44	5.529G
45	5.335G	46	5.260G	47	5.671G	48	5.409G
49	5.601G	50	5.320G	51	5.585G	52	5.297G
53	5.668G	54	5.318G	55	5.329G	56	5.574G
57	5.296G	58	5.446G	59	5.550G	60	5.430G
61	5.499G	62	5.503G	63	5.281G	64	5.341G
65	5.633G	66	5.380G	67	5.302G	68	5.620G
69	5.267G	70	5.304G	71	5.440G	72	5.476G
73	5.388G	74	5.290G	75	5.569G	76	5.649G
77	5.695G	78	5.720G	79	5.622G	80	5.391G
81	5.473G	82	5.599G	83	5.278G	84	5.555G
85	5.276G	86	5.605G	87	5.349G	88	5.284G
89	5.538G	90	5.559G	91	5.288G	92	5.522G
93	5.614G	94	5.445G	95	5.452G	96	5.645G
97	5.390G	98	5.357G	99	5.697G	100	5.691G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.372G	2	5.336G	3	5.381G	4	5.682G
5	5.392G	6	5.495G	7	5.669G	8	5.447G
9	5.457G	10	5.330G	11	5.275G	12	5.578G
13	5.437G	14	5.672G	15	5.509G	16	5.653G
17	5.318G	18	5.287G	19	5.365G	20	5.474G
21	5.652G	22	5.255G	23	5.356G	24	5.615G
25	5.352G	26	5.660G	27	5.466G	28	5.406G
29	5.416G	30	5.345G	31	5.616G	32	5.306G
33	5.555G	34	5.446G	35	5.329G	36	5.658G
37	5.718G	38	5.296G	39	5.644G	40	5.442G
41	5.325G	42	5.399G	43	5.534G	44	5.504G
45	5.607G	46	5.564G	47	5.301G	48	5.485G
49	5.274G	50	5.520G	51	5.347G	52	5.713G
53	5.491G	54	5.324G	55	5.526G	56	5.360G
57	5.703G	58	5.390G	59	5.591G	60	5.342G
61	5.397G	62	5.606G	63	5.461G	64	5.429G
65	5.624G	66	5.680G	67	5.684G	68	5.565G
69	5.675G	70	5.585G	71	5.716G	72	5.283G
73	5.462G	74	5.525G	75	5.253G	76	5.508G
77	5.438G	78	5.619G	79	5.349G	80	5.590G
81	5.540G	82	5.278G	83	5.455G	84	5.516G
85	5.573G	86	5.430G	87	5.511G	88	5.579G
89	5.586G	90	5.698G	91	5.427G	92	5.521G
93	5.355G	94	5.707G	95	5.405G	96	5.317G
97	5.443G	98	5.460G	99	5.326G	100	5.503G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.558G	2	5.257G	3	5.699G	4	5.581G
5	5.410G	6	5.613G	7	5.642G	8	5.457G
9	5.429G	10	5.289G	11	5.719G	12	5.333G
13	5.374G	14	5.721G	15	5.646G	16	5.432G
17	5.594G	18	5.337G	19	5.369G	20	5.654G
21	5.648G	22	5.370G	23	5.419G	24	5.363G
25	5.439G	26	5.367G	27	5.553G	28	5.291G
29	5.407G	30	5.259G	31	5.449G	32	5.256G
33	5.408G	34	5.708G	35	5.425G	36	5.400G
37	5.413G	38	5.392G	39	5.431G	40	5.390G
41	5.526G	42	5.351G	43	5.387G	44	5.605G
45	5.405G	46	5.557G	47	5.714G	48	5.593G
49	5.536G	50	5.676G	51	5.383G	52	5.427G
53	5.301G	54	5.477G	55	5.680G	56	5.559G
57	5.287G	58	5.318G	59	5.599G	60	5.325G
61	5.573G	62	5.685G	63	5.448G	64	5.524G
65	5.362G	66	5.357G	67	5.640G	68	5.505G
69	5.530G	70	5.600G	71	5.485G	72	5.300G
73	5.263G	74	5.504G	75	5.607G	76	5.677G
77	5.416G	78	5.603G	79	5.488G	80	5.282G
81	5.514G	82	5.422G	83	5.331G	84	5.443G
85	5.516G	86	5.545G	87	5.414G	88	5.629G
89	5.588G	90	5.606G	91	5.666G	92	5.470G
93	5.681G	94	5.391G	95	5.542G	96	5.660G
97	5.546G	98	5.715G	99	5.446G	100	5.575G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.438G	2	5.582G	3	5.278G	4	5.533G
5	5.364G	6	5.446G	7	5.274G	8	5.428G
9	5.609G	10	5.683G	11	5.359G	12	5.381G
13	5.419G	14	5.479G	15	5.569G	16	5.430G
17	5.724G	18	5.688G	19	5.261G	20	5.385G
21	5.578G	22	5.628G	23	5.320G	24	5.442G
25	5.351G	26	5.262G	27	5.279G	28	5.347G
29	5.493G	30	5.304G	31	5.636G	32	5.650G
33	5.302G	34	5.435G	35	5.718G	36	5.499G
37	5.342G	38	5.554G	39	5.511G	40	5.382G
41	5.596G	42	5.404G	43	5.400G	44	5.556G
45	5.375G	46	5.690G	47	5.420G	48	5.410G
49	5.294G	50	5.647G	51	5.625G	52	5.346G
53	5.703G	54	5.504G	55	5.679G	56	5.469G
57	5.250G	58	5.308G	59	5.311G	60	5.555G
61	5.538G	62	5.621G	63	5.512G	64	5.543G
65	5.544G	66	5.333G	67	5.257G	68	5.682G
69	5.444G	70	5.306G	71	5.483G	72	5.672G
73	5.510G	74	5.313G	75	5.509G	76	5.720G
77	5.260G	78	5.466G	79	5.704G	80	5.477G
81	5.365G	82	5.468G	83	5.707G	84	5.563G
85	5.584G	86	5.623G	87	5.254G	88	5.519G
89	5.604G	90	5.694G	91	5.421G	92	5.283G
93	5.583G	94	5.401G	95	5.669G	96	5.301G
97	5.329G	98	5.277G	99	5.639G	100	5.440G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.468G	2	5.428G	3	5.538G	4	5.418G
5	5.370G	6	5.661G	7	5.636G	8	5.496G
9	5.588G	10	5.293G	11	5.471G	12	5.685G
13	5.543G	14	5.501G	15	5.556G	16	5.640G
17	5.287G	18	5.332G	19	5.487G	20	5.520G
21	5.671G	22	5.527G	23	5.711G	24	5.499G
25	5.376G	26	5.251G	27	5.652G	28	5.416G
29	5.523G	30	5.651G	31	5.692G	32	5.518G
33	5.554G	34	5.565G	35	5.583G	36	5.488G
37	5.341G	38	5.408G	39	5.595G	40	5.703G
41	5.420G	42	5.475G	43	5.270G	44	5.575G
45	5.453G	46	5.261G	47	5.305G	48	5.425G
49	5.670G	50	5.572G	51	5.689G	52	5.434G
53	5.335G	54	5.312G	55	5.723G	56	5.539G
57	5.500G	58	5.461G	59	5.433G	60	5.254G
61	5.497G	62	5.289G	63	5.655G	64	5.691G
65	5.524G	66	5.430G	67	5.441G	68	5.491G
69	5.647G	70	5.281G	71	5.384G	72	5.614G
73	5.410G	74	5.473G	75	5.458G	76	5.392G
77	5.279G	78	5.412G	79	5.506G	80	5.390G
81	5.519G	82	5.710G	83	5.507G	84	5.510G
85	5.712G	86	5.417G	87	5.659G	88	5.679G
89	5.662G	90	5.641G	91	5.258G	92	5.664G
93	5.469G	94	5.342G	95	5.460G	96	5.304G
97	5.405G	98	5.560G	99	5.351G	100	5.348G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.414G	2	5.410G	3	5.275G	4	5.325G
5	5.310G	6	5.573G	7	5.468G	8	5.533G
9	5.582G	10	5.606G	11	5.701G	12	5.427G
13	5.525G	14	5.524G	15	5.542G	16	5.338G
17	5.699G	18	5.482G	19	5.328G	20	5.650G
21	5.447G	22	5.598G	23	5.697G	24	5.572G
25	5.550G	26	5.521G	27	5.480G	28	5.528G
29	5.547G	30	5.620G	31	5.305G	32	5.640G
33	5.577G	34	5.602G	35	5.277G	36	5.272G
37	5.424G	38	5.586G	39	5.696G	40	5.629G
41	5.694G	42	5.357G	43	5.648G	44	5.492G
45	5.359G	46	5.674G	47	5.347G	48	5.271G
49	5.364G	50	5.583G	51	5.299G	52	5.503G
53	5.291G	54	5.722G	55	5.682G	56	5.354G
57	5.628G	58	5.627G	59	5.689G	60	5.518G
61	5.289G	62	5.270G	63	5.440G	64	5.658G
65	5.298G	66	5.478G	67	5.259G	68	5.307G
69	5.344G	70	5.348G	71	5.657G	72	5.451G
73	5.341G	74	5.276G	75	5.486G	76	5.453G
77	5.368G	78	5.349G	79	5.554G	80	5.601G
81	5.294G	82	5.680G	83	5.458G	84	5.366G
85	5.615G	86	5.581G	87	5.312G	88	5.285G
89	5.435G	90	5.382G	91	5.687G	92	5.618G
93	5.520G	94	5.498G	95	5.369G	96	5.534G
97	5.512G	98	5.487G	99	5.544G	100	5.483G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.716G	2	5.397G	3	5.607G	4	5.474G
5	5.601G	6	5.505G	7	5.554G	8	5.602G
9	5.414G	10	5.545G	11	5.609G	12	5.691G
13	5.625G	14	5.404G	15	5.411G	16	5.384G
17	5.431G	18	5.543G	19	5.611G	20	5.518G
21	5.612G	22	5.532G	23	5.448G	24	5.557G
25	5.677G	26	5.389G	27	5.291G	28	5.267G
29	5.564G	30	5.265G	31	5.381G	32	5.683G
33	5.278G	34	5.720G	35	5.318G	36	5.457G
37	5.269G	38	5.575G	39	5.700G	40	5.357G
41	5.438G	42	5.714G	43	5.577G	44	5.718G
45	5.303G	46	5.669G	47	5.392G	48	5.565G
49	5.537G	50	5.430G	51	5.687G	52	5.263G
53	5.503G	54	5.285G	55	5.416G	56	5.536G
57	5.699G	58	5.614G	59	5.618G	60	5.391G
61	5.329G	62	5.688G	63	5.668G	64	5.262G
65	5.662G	66	5.306G	67	5.619G	68	5.711G
69	5.439G	70	5.403G	71	5.304G	72	5.454G
73	5.453G	74	5.399G	75	5.305G	76	5.258G
77	5.400G	78	5.257G	79	5.581G	80	5.710G
81	5.562G	82	5.337G	83	5.706G	84	5.479G
85	5.412G	86	5.585G	87	5.437G	88	5.275G
89	5.634G	90	5.309G	91	5.469G	92	5.374G
93	5.482G	94	5.681G	95	5.507G	96	5.432G
97	5.346G	98	5.535G	99	5.547G	100	5.398G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.363G	2	5.296G	3	5.292G	4	5.540G
5	5.722G	6	5.297G	7	5.630G	8	5.507G
9	5.426G	10	5.493G	11	5.375G	12	5.702G
13	5.370G	14	5.620G	15	5.287G	16	5.615G
17	5.394G	18	5.503G	19	5.430G	20	5.410G
21	5.499G	22	5.502G	23	5.453G	24	5.598G
25	5.380G	26	5.360G	27	5.379G	28	5.307G
29	5.676G	30	5.366G	31	5.562G	32	5.668G
33	5.527G	34	5.700G	35	5.521G	36	5.425G
37	5.314G	38	5.347G	39	5.680G	40	5.705G
41	5.392G	42	5.631G	43	5.665G	44	5.723G
45	5.283G	46	5.524G	47	5.661G	48	5.442G
49	5.277G	50	5.556G	51	5.690G	52	5.554G
53	5.660G	54	5.357G	55	5.628G	56	5.254G
57	5.650G	58	5.353G	59	5.654G	60	5.318G
61	5.487G	62	5.490G	63	5.474G	64	5.501G
65	5.257G	66	5.522G	67	5.417G	68	5.449G
69	5.484G	70	5.384G	71	5.278G	72	5.636G
73	5.664G	74	5.373G	75	5.638G	76	5.346G
77	5.431G	78	5.326G	79	5.473G	80	5.611G
81	5.667G	82	5.466G	83	5.311G	84	5.546G
85	5.481G	86	5.625G	87	5.327G	88	5.405G
89	5.465G	90	5.303G	91	5.510G	92	5.343G
93	5.689G	94	5.403G	95	5.285G	96	5.593G
97	5.457G	98	5.251G	99	5.463G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.688G	2	5.645G	3	5.421G	4	5.323G
5	5.388G	6	5.676G	7	5.707G	8	5.556G
9	5.274G	10	5.438G	11	5.345G	12	5.679G
13	5.534G	14	5.527G	15	5.294G	16	5.264G
17	5.616G	18	5.485G	19	5.454G	20	5.651G
21	5.462G	22	5.511G	23	5.498G	24	5.324G
25	5.669G	26	5.458G	27	5.468G	28	5.607G
29	5.288G	30	5.342G	31	5.581G	32	5.285G
33	5.453G	34	5.447G	35	5.666G	36	5.427G
37	5.659G	38	5.522G	39	5.361G	40	5.533G
41	5.646G	42	5.428G	43	5.440G	44	5.402G
45	5.397G	46	5.366G	47	5.699G	48	5.465G
49	5.526G	50	5.603G	51	5.290G	52	5.488G
53	5.319G	54	5.307G	55	5.405G	56	5.494G
57	5.391G	58	5.456G	59	5.592G	60	5.312G
61	5.372G	62	5.547G	63	5.655G	64	5.446G
65	5.503G	66	5.484G	67	5.566G	68	5.690G
69	5.674G	70	5.614G	71	5.331G	72	5.560G
73	5.442G	74	5.628G	75	5.493G	76	5.424G
77	5.299G	78	5.615G	79	5.254G	80	5.392G
81	5.451G	82	5.348G	83	5.684G	84	5.650G
85	5.351G	86	5.430G	87	5.664G	88	5.551G
89	5.620G	90	5.593G	91	5.480G	92	5.517G
93	5.381G	94	5.377G	95	5.514G	96	5.419G
97	5.657G	98	5.344G	99	5.363G	100	5.486G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.684G	2	5.596G	3	5.444G	4	5.667G
5	5.648G	6	5.615G	7	5.308G	8	5.410G
9	5.507G	10	5.464G	11	5.470G	12	5.713G
13	5.549G	14	5.562G	15	5.608G	16	5.614G
17	5.458G	18	5.570G	19	5.484G	20	5.478G
21	5.258G	22	5.441G	23	5.471G	24	5.524G
25	5.571G	26	5.313G	27	5.451G	28	5.580G
29	5.339G	30	5.332G	31	5.427G	32	5.423G
33	5.386G	34	5.335G	35	5.330G	36	5.599G
37	5.383G	38	5.328G	39	5.404G	40	5.387G
41	5.284G	42	5.429G	43	5.432G	44	5.574G
45	5.326G	46	5.699G	47	5.368G	48	5.302G
49	5.593G	50	5.271G	51	5.346G	52	5.286G
53	5.360G	54	5.373G	55	5.693G	56	5.590G
57	5.314G	58	5.618G	59	5.706G	60	5.616G
61	5.371G	62	5.502G	63	5.708G	64	5.347G
65	5.319G	66	5.359G	67	5.545G	68	5.551G
69	5.447G	70	5.399G	71	5.585G	72	5.287G
73	5.709G	74	5.716G	75	5.267G	76	5.356G
77	5.695G	78	5.306G	79	5.566G	80	5.282G
81	5.337G	82	5.657G	83	5.434G	84	5.520G
85	5.361G	86	5.702G	87	5.454G	88	5.493G
89	5.652G	90	5.598G	91	5.504G	92	5.547G
93	5.380G	94	5.591G	95	5.600G	96	5.293G
97	5.565G	98	5.719G	99	5.685G	100	5.296G