

DFS TEST REPORT

REPORT NO.: RF130318C03-2

MODEL NO.: AT-TQ2450

FCC ID: RSL-TQ2450

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ISSUED: Oct. 21, 2013

APPLICANT: Allied Telesis R&D Center K.K.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF130318C03-2	Original release.	Oct. 21, 2013

1. CERTIFICATION

PRODUCT: IEEE 802.11a/b/g/n WIRELESS LAN ACCESS POINT

MODEL NO.: AT-TQ2450

BRAND:  **Allied Telesis™**

APPLICANT: Allied Telesis R&D Center K.K.

TESTED: Oct. 14 ~ Oct. 21, 2013

TEST SAMPLE: ENGINEERING SAMPLE

STANDARDS: FCC Part 15, Subpart E (Section 15.407)
FCC 06-96

The above equipment (model: AT-TQ2450) 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 :** Oct. 21, 2013
Suntee Liu / Specialist

APPROVED BY :  , **DATE :** Oct. 21, 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	✓	✓

NOTE: 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 Version
1	IEEE 802.11a/b/g/n WIRELESS LAN ACCESS POINT	AT-TQ2450	Firmware version:2.0.3 Build Number:A04

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	Dipole	5250-5350	2
1	Dipole	5470-5725	2

2.4 EUT MAXIMUM AND MINIMUM 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	19.03	79.960
1	5470~5725	18.26	67.033

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	19.35	86.132
1	5470~5725	18.21	66.226

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	18.98	79.133
1	5470~5725	19.16	82.469

2.5 EUT MAXIMUM AND MINIMUM 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	21.03	126.765
1	5470~5725	20.26	106.170

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	21.35	136.458
1	5470~5725	20.21	104.954

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	20.98	125.314
1	5470~5725	21.16	130.617

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	CALIBRATED UNTIL
R&S Spectrum analyzer	FSP40	R&S	2014/01/27
Signal generator	8645A	Agilent	2014/06/24
Oscilloscope	TDS 5104	Tektronix	2014/03/07

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

NO.	PRODUCT	BRAND	MODEL NO.	FCC ID
1	Wireless-N USB adapter	BUFFALO	WLI-UC-AG300N	FDI-09102079-0

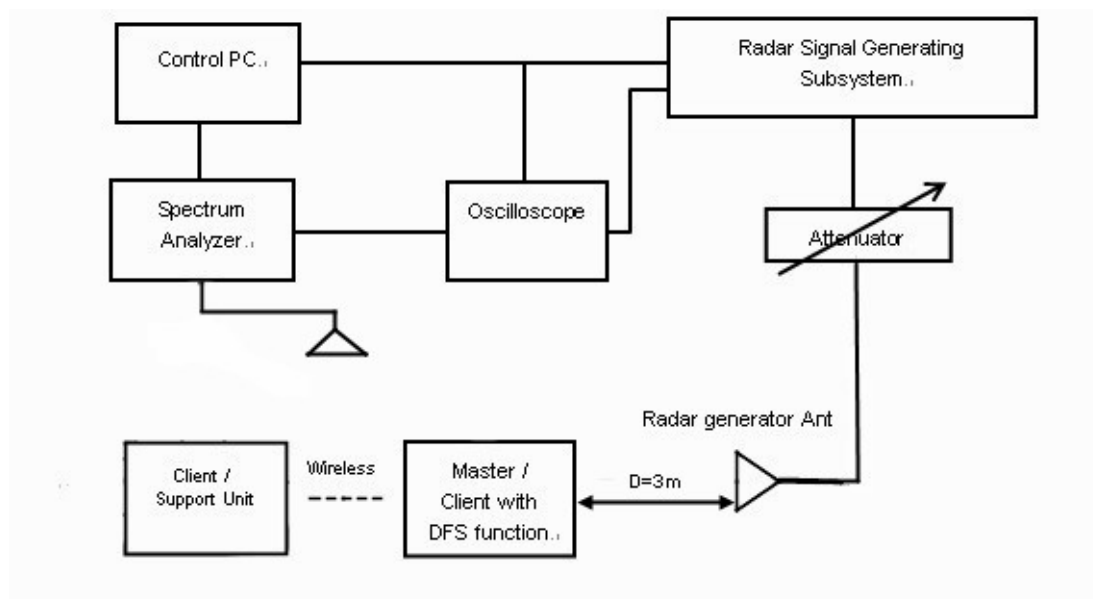
NOTE: This device was functioned as a ☐ Master ☒ Slave device during the DFS test.

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 6, 7 and 8. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

RADATED SETUP CONFIGURATION OF ADT DFS MEASUREMENT SYSTEM



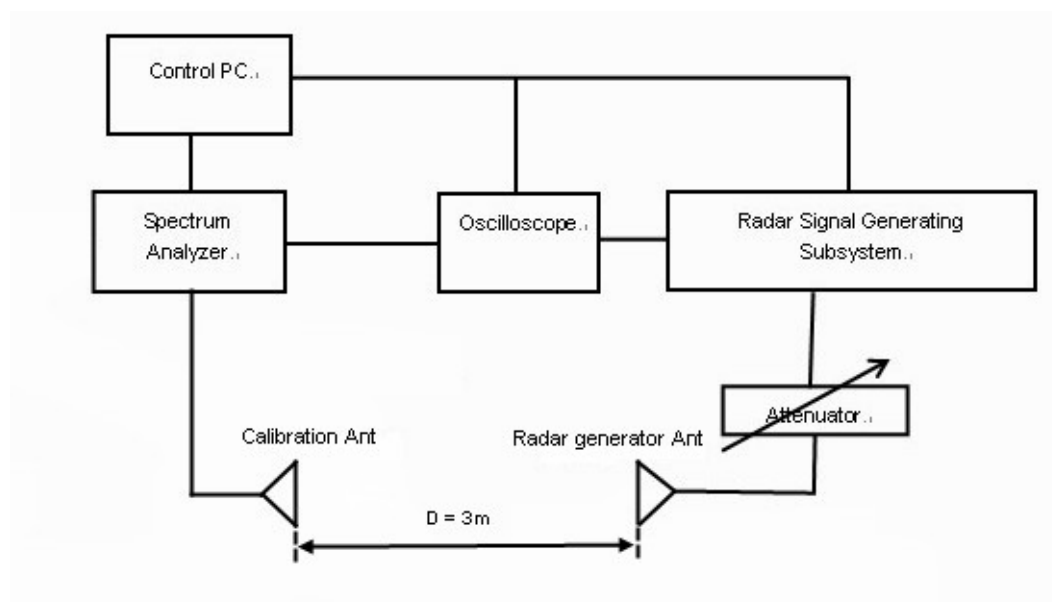
The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at:

<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 antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The calibrated detection threshold level is set to -62dBm. 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

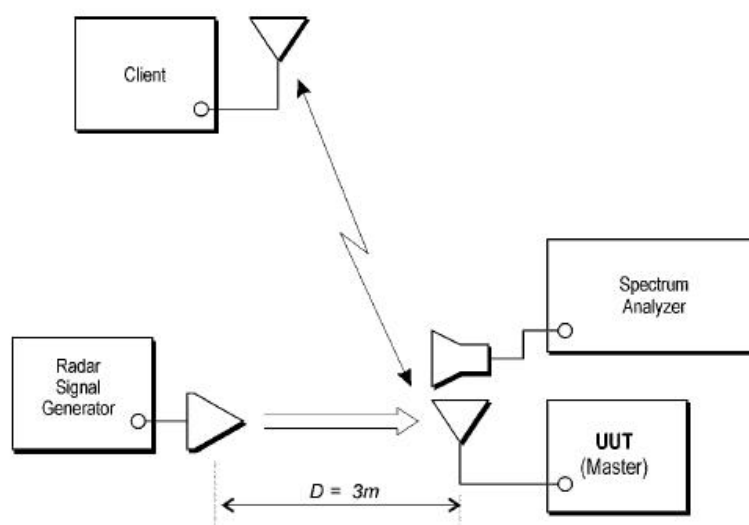


5.3 DEVIATION FROM TEST STANDARD

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

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

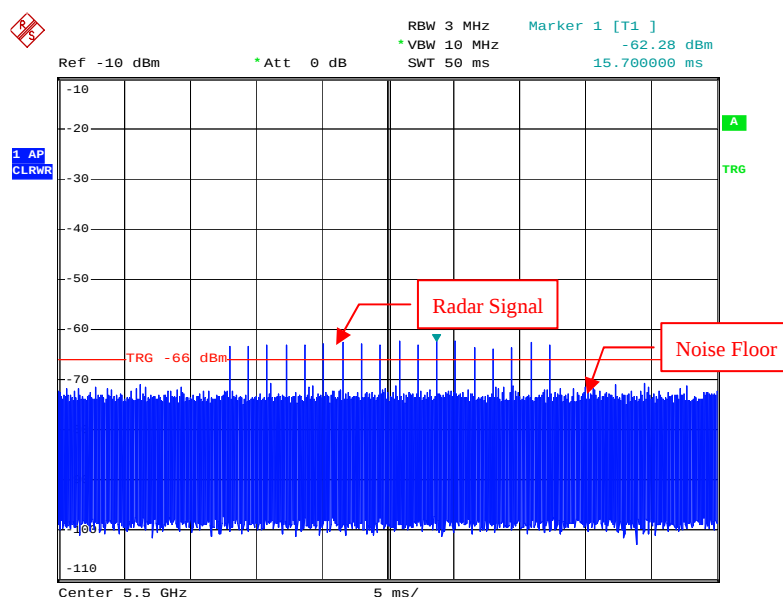
6.2 DETAILED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN CLIENT WITHOUT RADAR DETECTION MODE

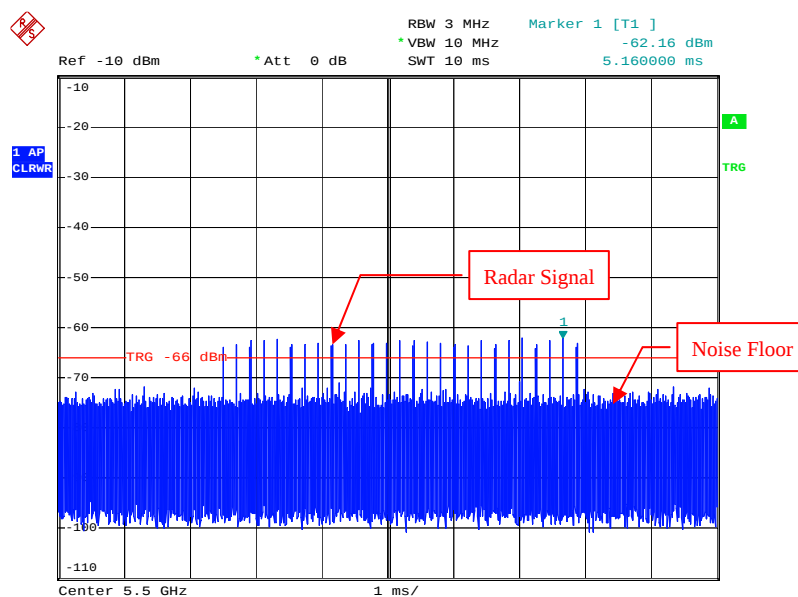
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

DFS DETECTION THRESHOLD

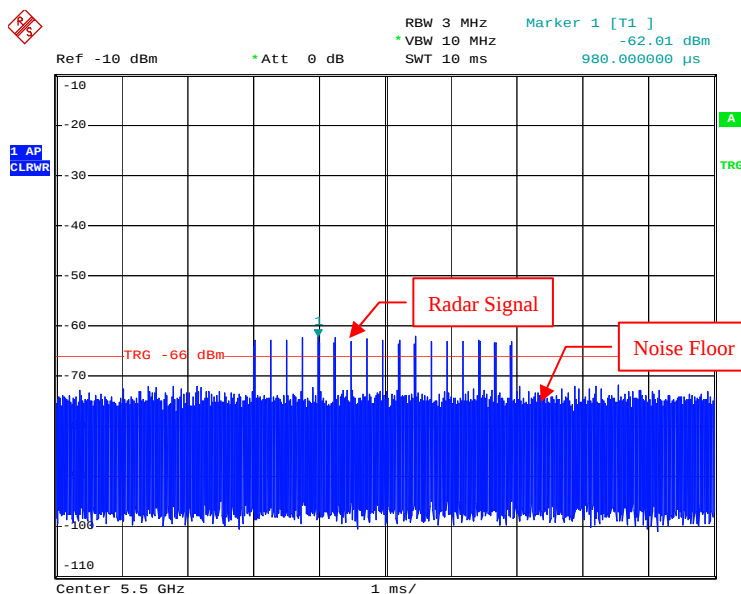
For a detection threshold level of -62dBm. The Required detection threshold is -62dBm. The tested level is lower than required level hence it provides margin to the limit.



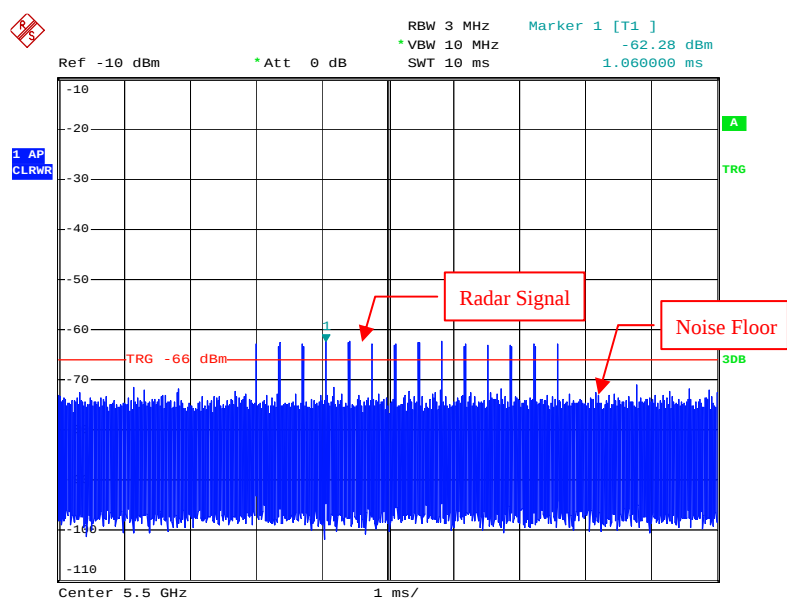
Radar Signal 1



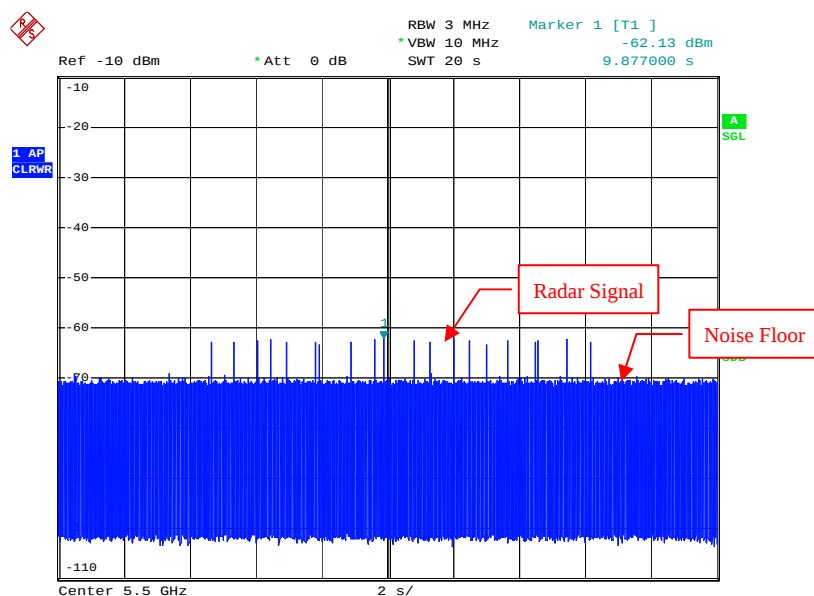
Radar Signal 2



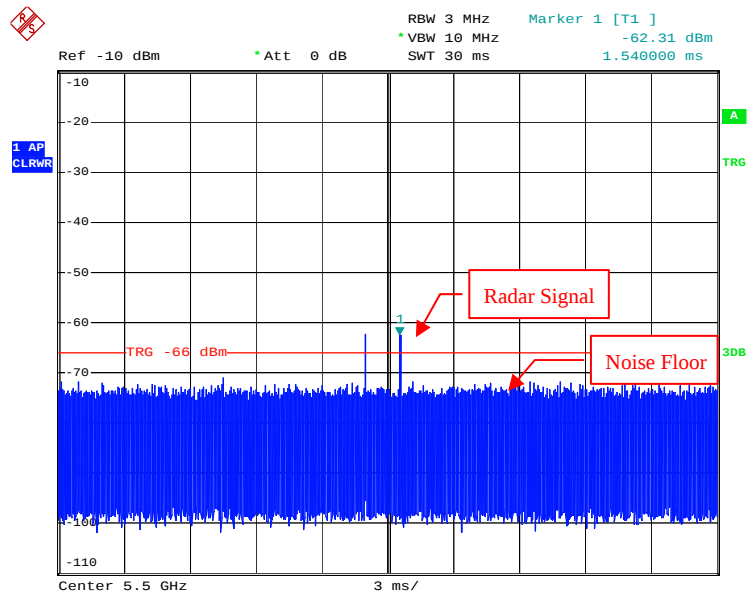
Radar Signal 3



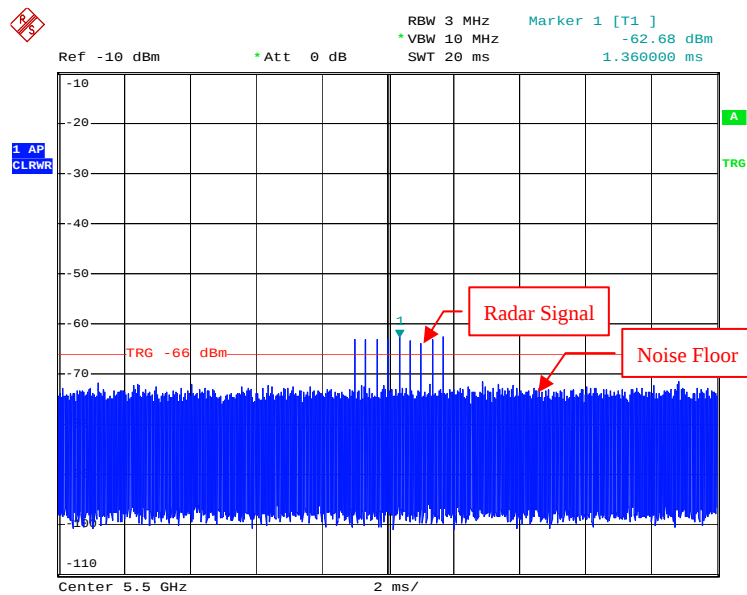
Radar Signal 4



Radar Signal 5



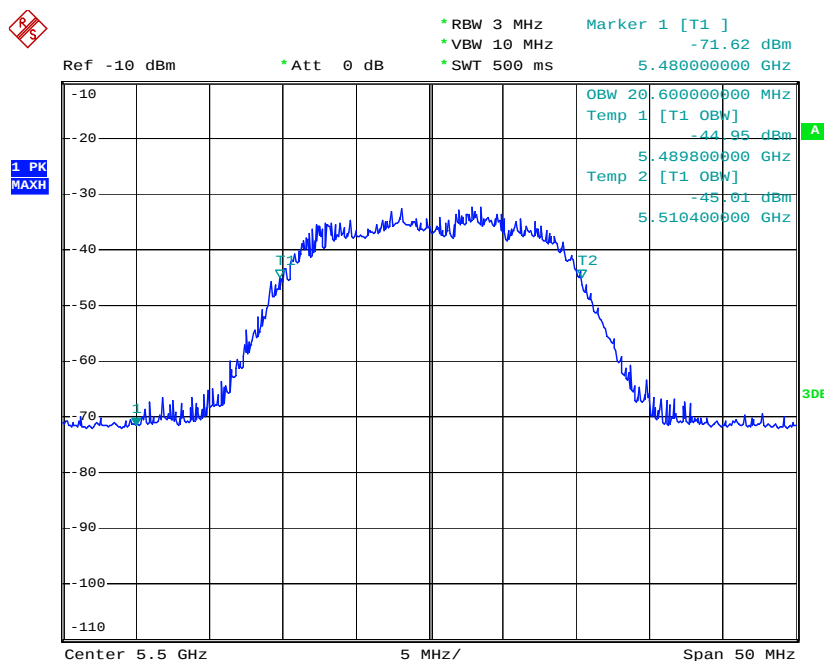
Single Burst of Radar Signal 5



Radar Signal 6

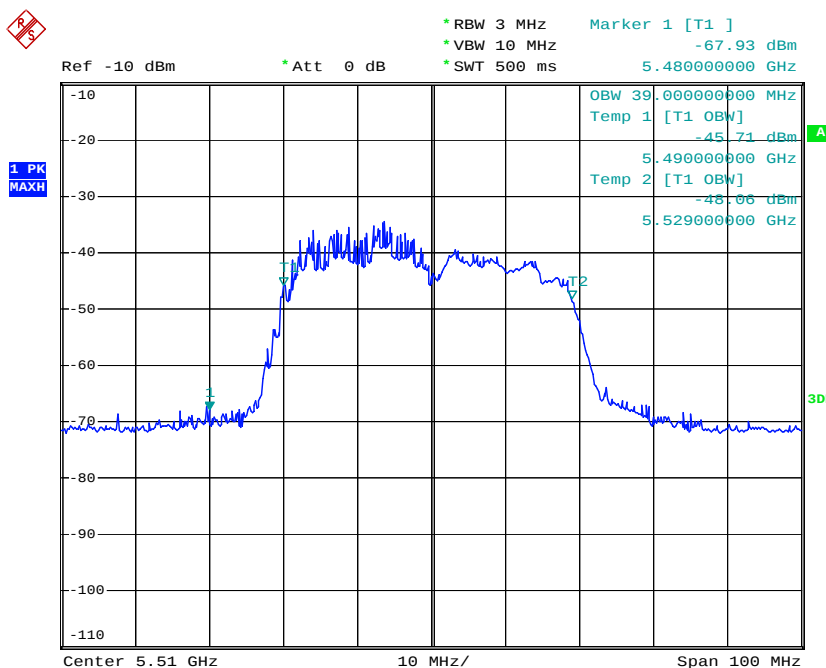
6.2.2 U-NII DETECTION BANDWIDTH

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: 20.6MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 16.48MHz

Detection bandwidth (5509(FH) – 5491(FL)) : 18MHz

Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5488	N	N	N	N	N	N	N	N	N	N	0
5489	N	N	N	Y	N	N	Y	Y	N	N	30
5490	Y	Y	Y	Y	Y	N	Y	Y	N	Y	80
5491(FL)	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	90
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509(FH)	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90
5510	N	N	N	N	Y	Y	N	Y	N	N	30
5511	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: 39MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 31.2MHz

Detection bandwidth (5528(FH) – 5491(FL)) : 37MHz

Test Result : PASS

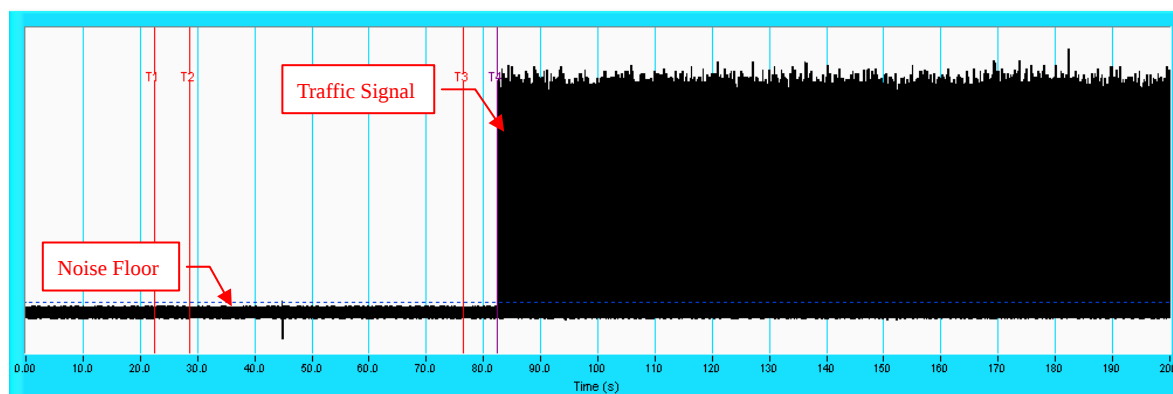
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490	N	N	N	N	N	N	N	N	N	N	0
5491(FL)	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90
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	N	Y	Y	Y	Y	Y	90
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529	N	Y	Y	N	Y	N	N	Y	N	Y	50
5530	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.

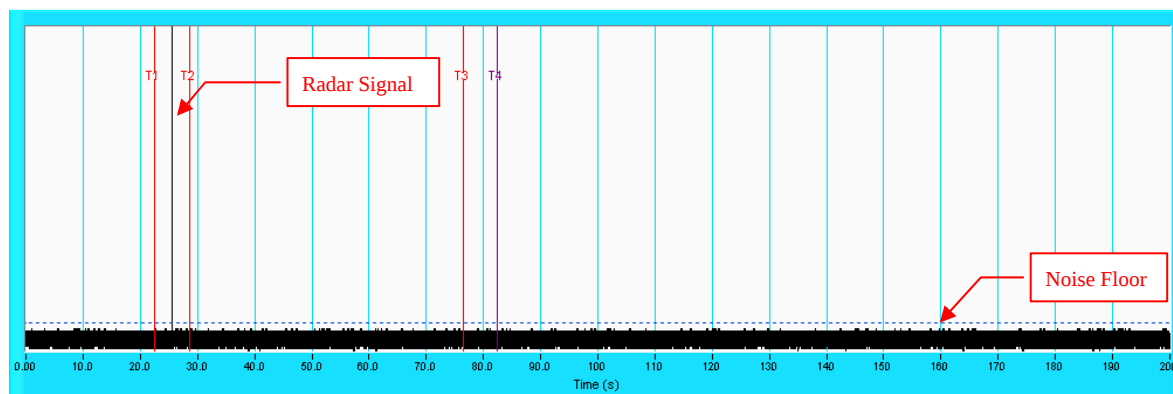
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



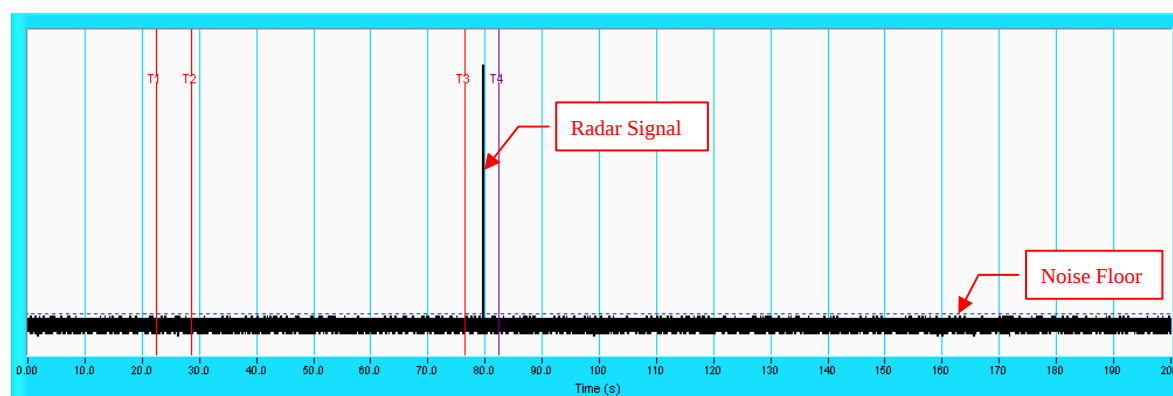
NOTE: T1 denotes the end of power-up time period is 22.5th second. T4 denotes the end of Channel Availability Check time is 82.5th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 22.5th second. T2 denotes 25.5th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 82.5th second.

Radar Burst at the End of the Channel Availability Check Time

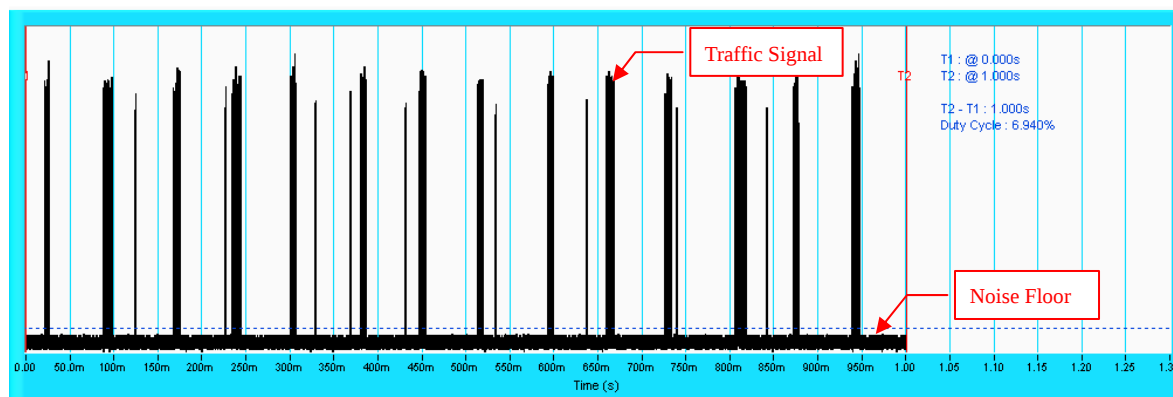


NOTE: T1 denotes the end of power up time period is 22.5th second. T3 denotes 79.5th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 82.5th second.

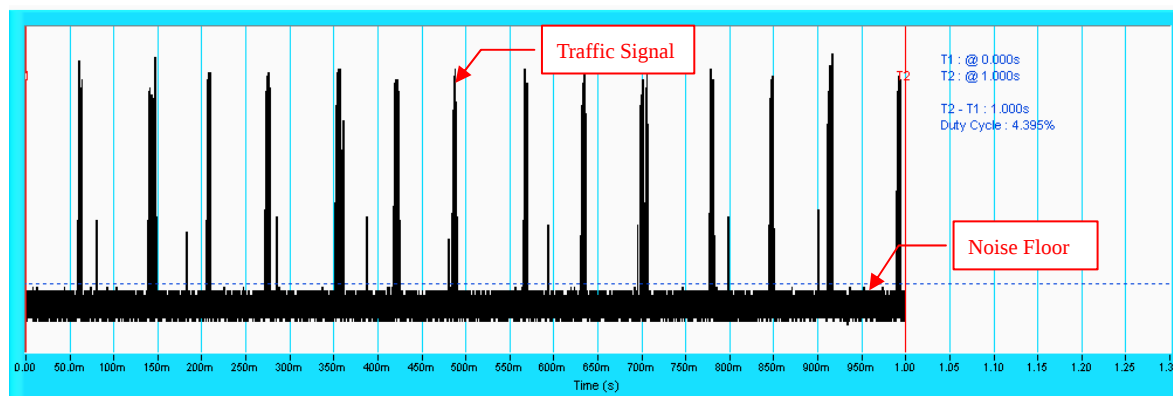
6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

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	83.3
2	1-5	150-230	23-29	30	86.7
3	6-10	200-500	16-18	30	93.3
4	11-20	200-500	12-16	30	93.3
Aggregate (Radar Types 1-4)				120	89.15

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	90

Table 3: Frequency Hopping Radar Test Waveform

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

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

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	93.3
2	1-5	150-230	23-29	30	90.0
3	6-10	200-500	16-18	30	100.0
4	11-20	200-500	12-16	30	80.0
Aggregate (Radar Types 1-4)				120	90.825

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	100

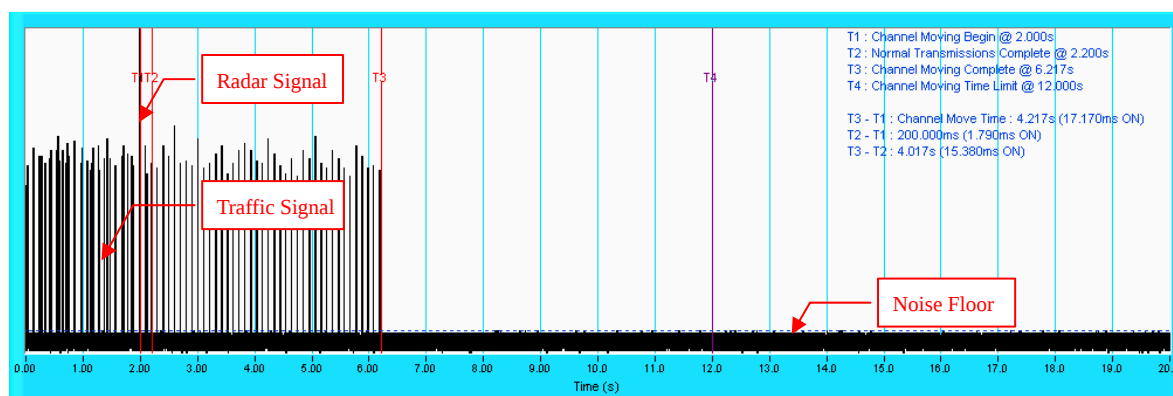
Table 3: Frequency Hopping Radar Test Waveform

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

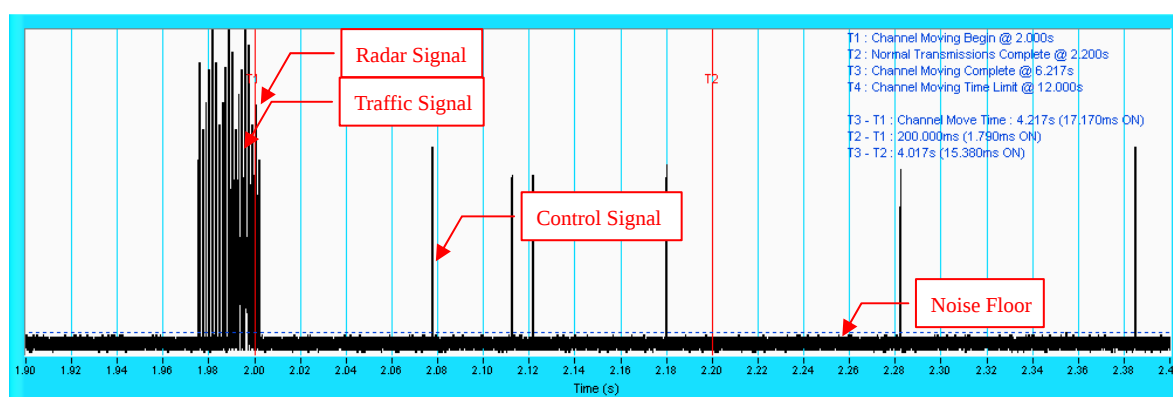
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

IEEE 802.11n 20MHz



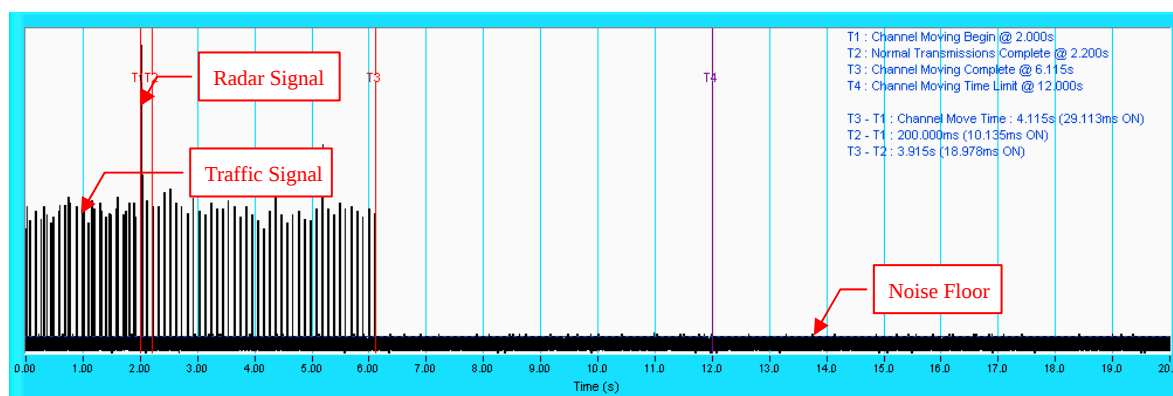
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



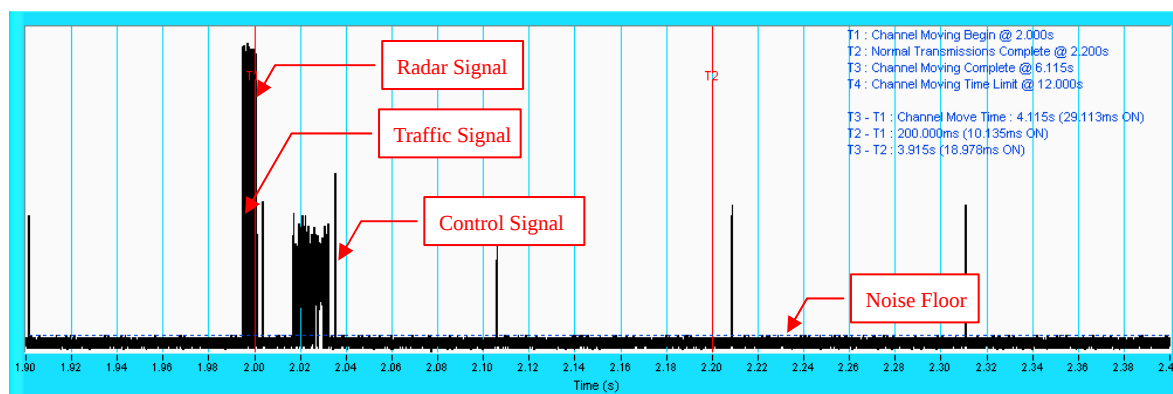
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

IEEE 802.11n 20MHz



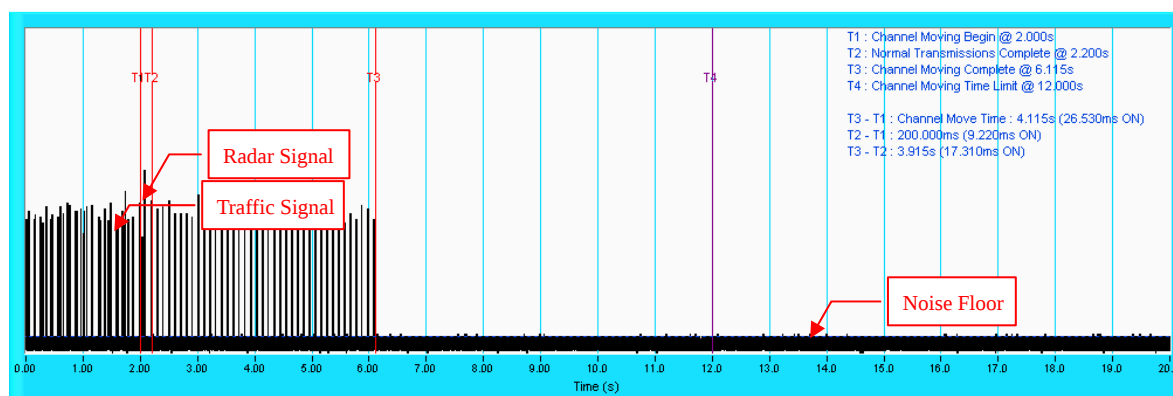
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



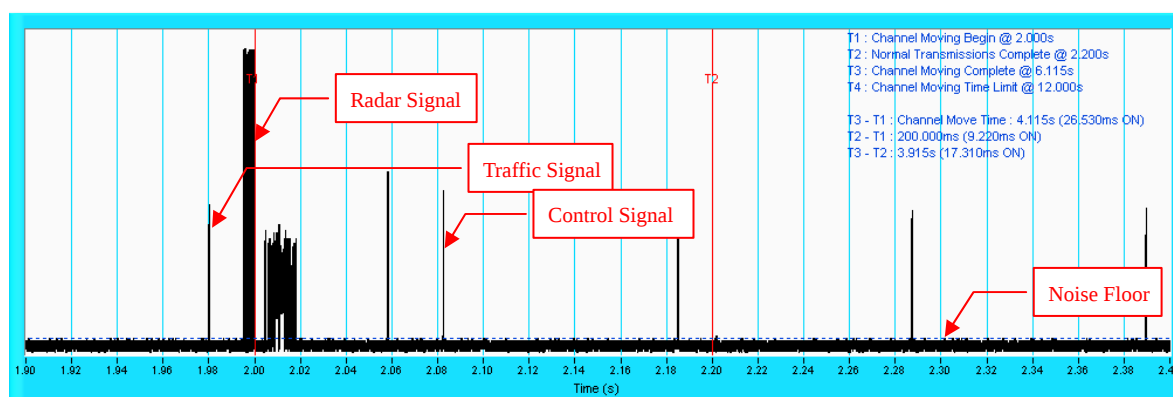
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

IEEE 802.11n 20MHz



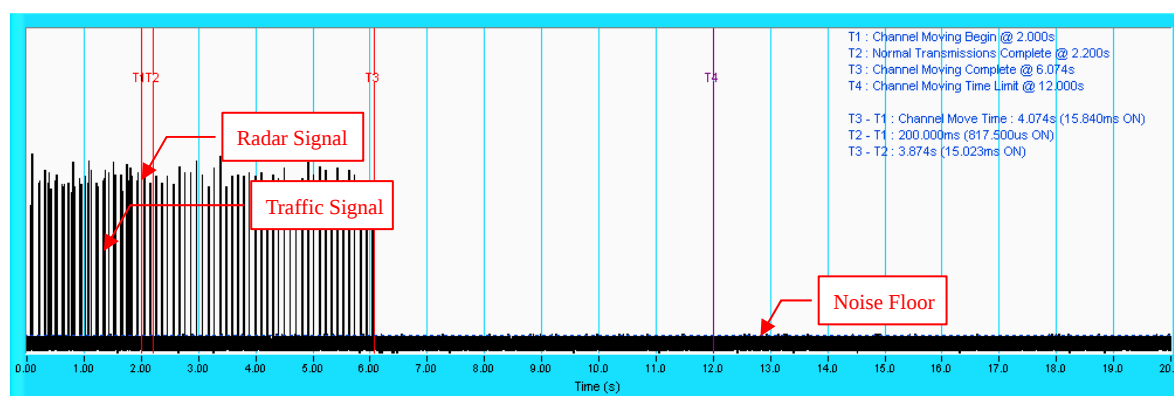
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



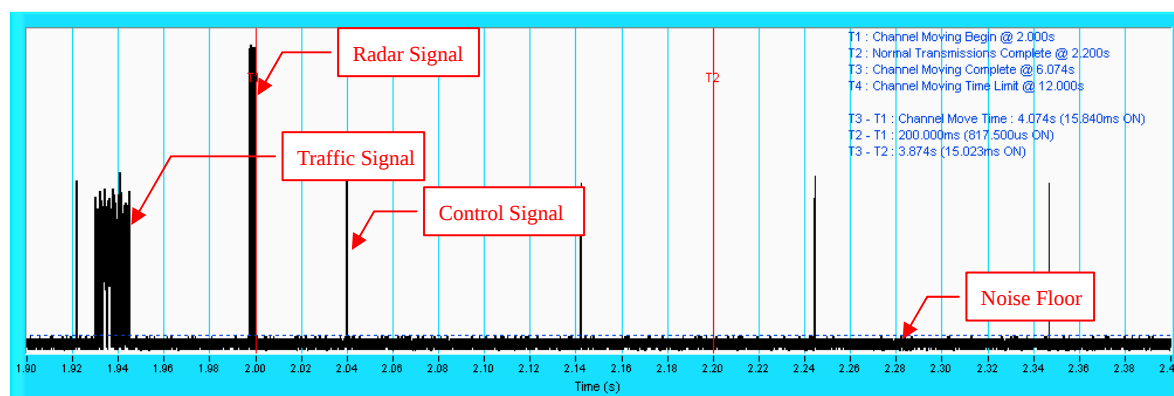
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

IEEE 802.11n 20MHz



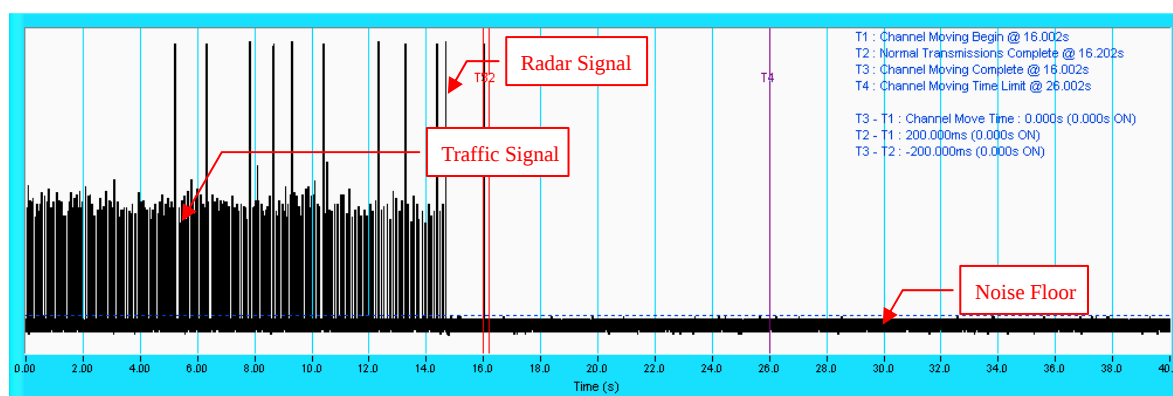
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



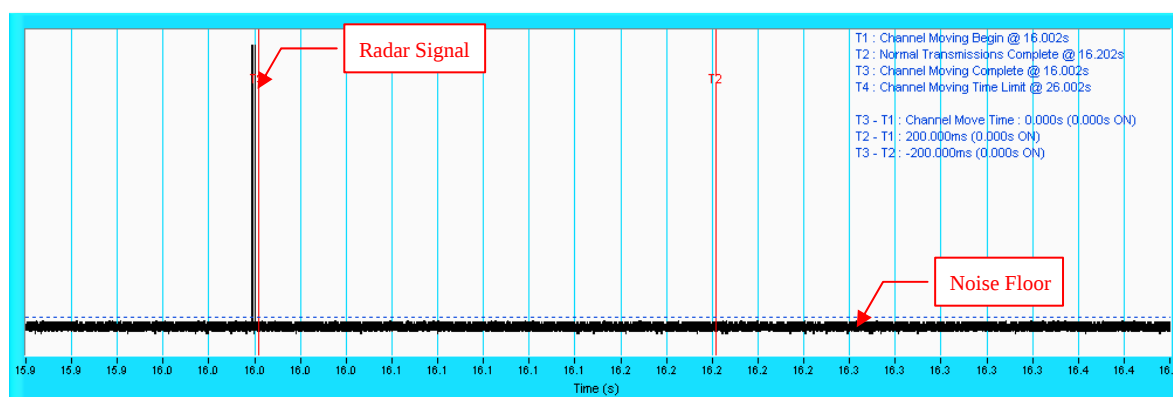
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5

IEEE 802.11n 20MHz



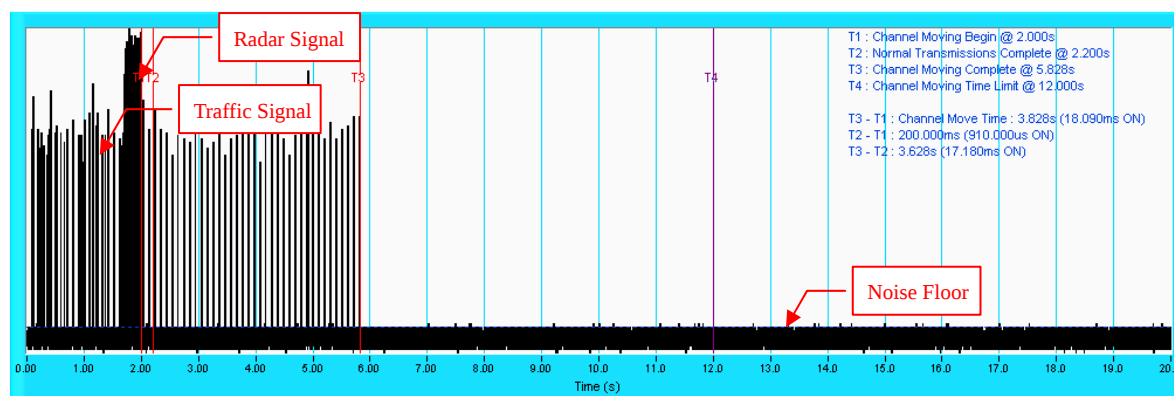
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



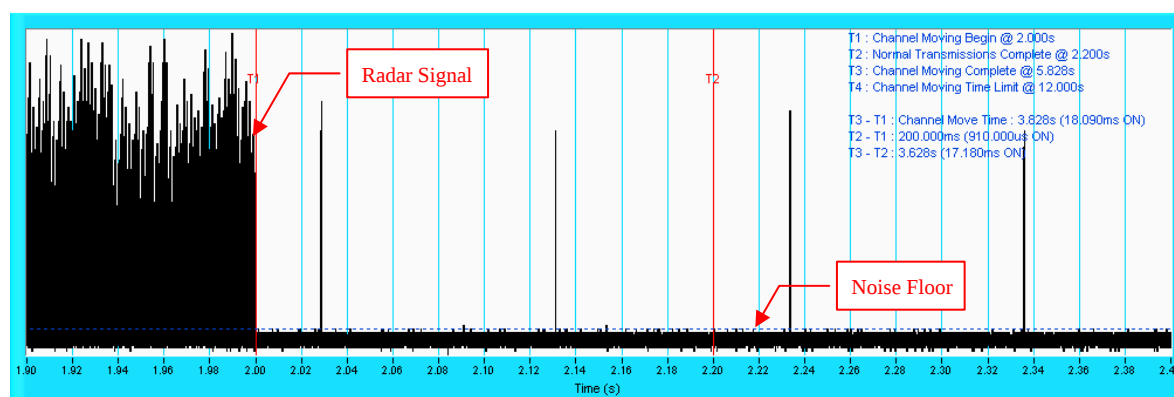
NOTE: Room-in of the first 500ms after radar signal applied.

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.

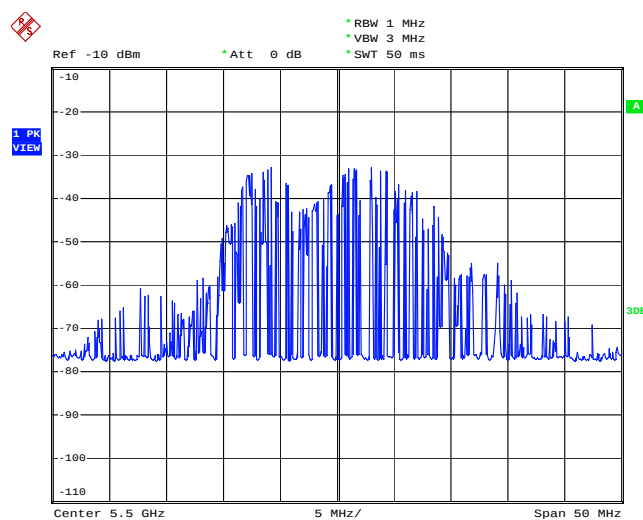
6.2.5 NON-OCCUPANCY PERIOD

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.

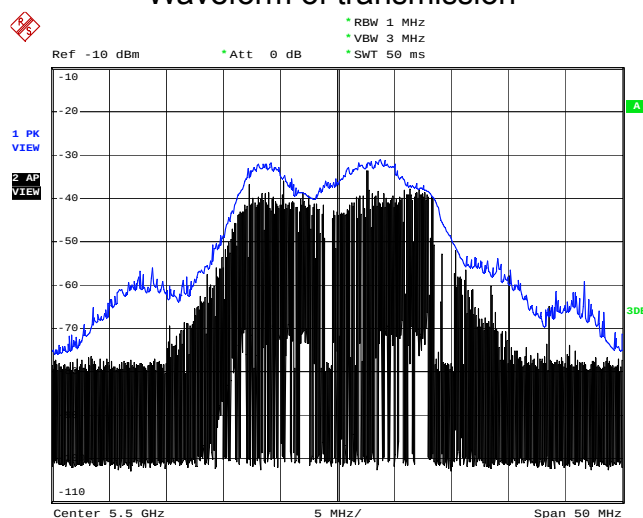
1) EUT (Client) links with master on 5500MHz.

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.

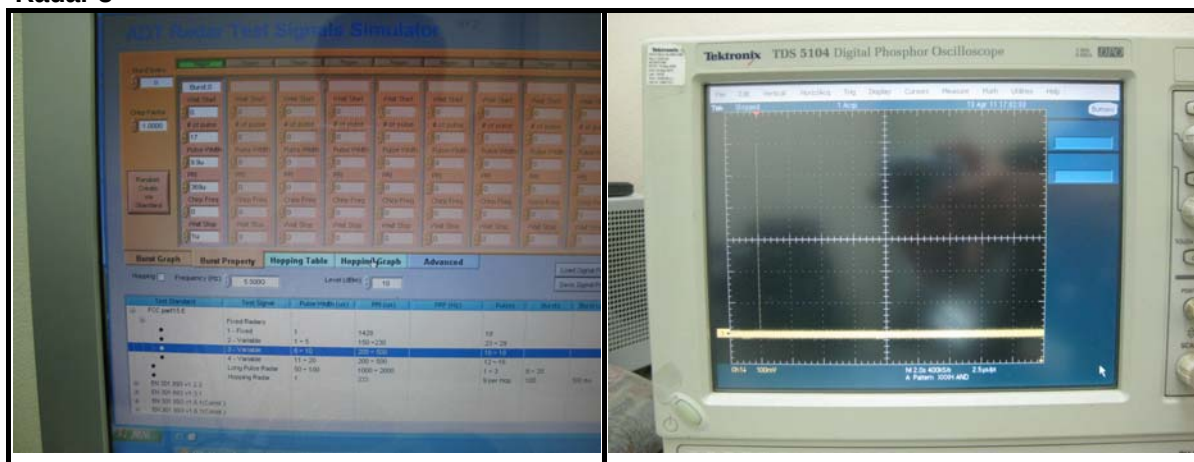
Radar 1



Radar 2



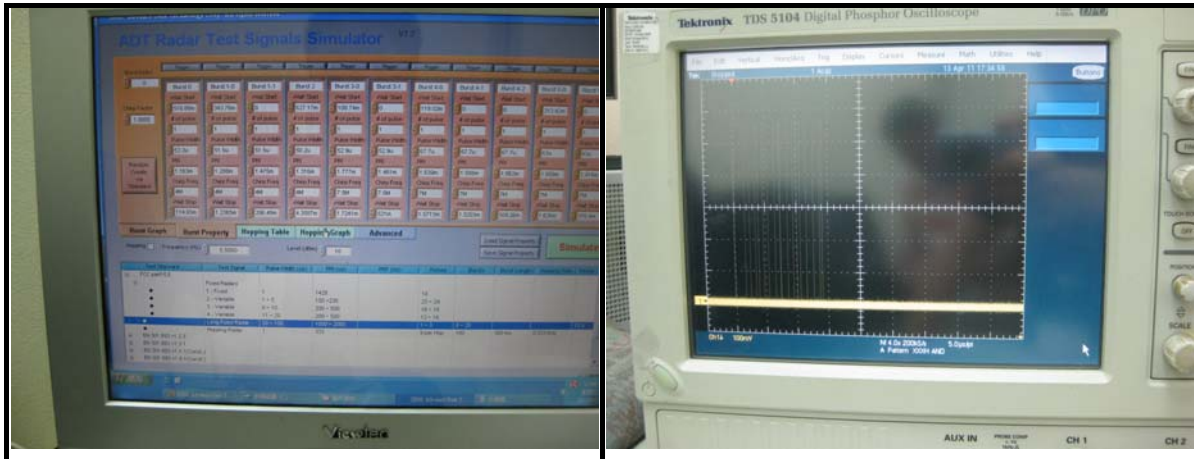
Radar 3



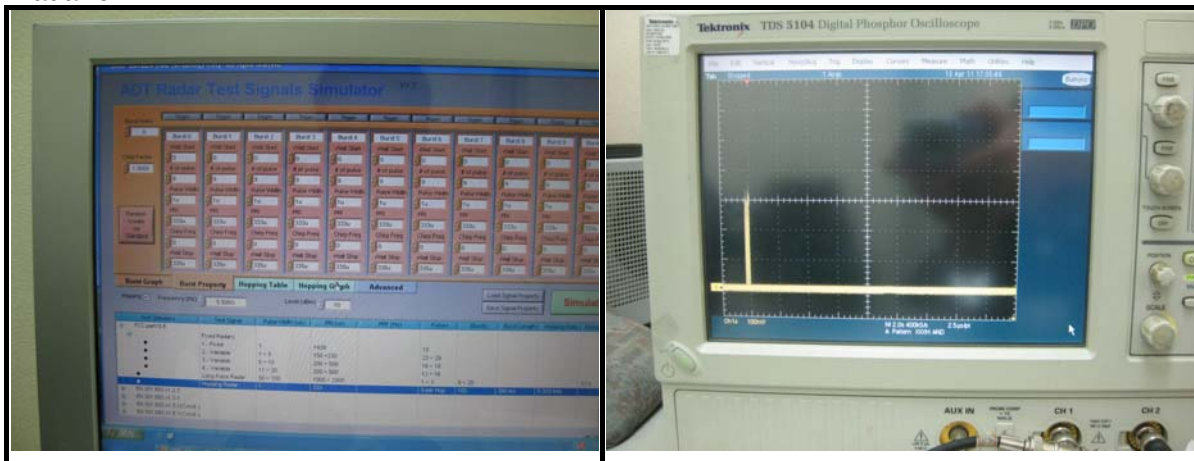
Radar 4



Radar 5



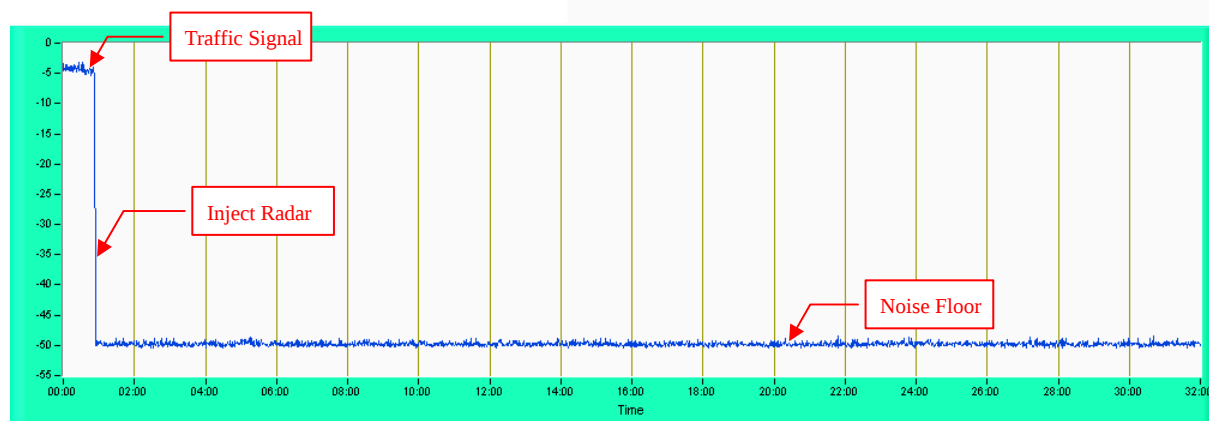
Radar 6



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

Plot of 30minutes period

802.11n 20MHz



6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT using the DFS bands 5250 to 5350MHz and 5470 to 5725 MHz channels so that the probability of selecting a given channel shall be the same for all channels.

The EUT will select channel by random mode and mark this channel after detecting radar signal, so that will select unused channel by random mode.

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. TESTING LABORATORIES INFORMATION

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:

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Web Site: www.bureauveritas-adt.com

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

---END---

Annex A

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	No
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	No
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	No
27	18	1.0u	1.428m	No
28	18	1.0u	1.428m	No
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 83.3 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	27	3.4u	161.0u	Yes
2	25	2.0u	230.0u	Yes
3	24	2.1u	182.0u	Yes
4	26	4.7u	196.0u	Yes
5	25	3.1u	192.0u	Yes
6	24	4.6u	214.0u	Yes
7	25	3.9u	213.0u	Yes
8	25	1.9u	156.0u	Yes
9	27	1.7u	165.0u	Yes
10	27	2.2u	174.0u	Yes
11	25	2.3u	230.0u	No
12	23	2.3u	204.0u	Yes
13	26	4.9u	193.0u	Yes
14	27	1.4u	156.0u	No
15	28	1.8u	176.0u	No
16	27	3.5u	175.0u	Yes
17	23	2.5u	220.0u	Yes
18	25	1.9u	196.0u	Yes
19	27	2.5u	200.0u	Yes
20	25	2.8u	179.0u	Yes
21	24	4.0u	207.0u	Yes
22	23	2.1u	202.0u	Yes
23	24	3.7u	219.0u	Yes
24	24	1.8u	206.0u	Yes
25	28	2.2u	170.0u	Yes
26	25	4.0u	161.0u	Yes
27	24	4.9u	195.0u	Yes
28	25	2.1u	215.0u	Yes
29	29	3.3u	209.0u	No
30	29	3.3u	188.0u	Yes
Detection Rate: 86.7 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	6.3u	472.0u	No
2	16	10.0u	307.0u	Yes
3	18	6.7u	474.0u	Yes
4	18	9.6u	337.0u	No
5	17	9.3u	436.0u	Yes
6	17	8.4u	404.0u	Yes
7	17	6.7u	306.0u	Yes
8	17	8.6u	433.0u	Yes
9	16	7.8u	393.0u	Yes
10	17	6.6u	316.0u	Yes
11	18	6.3u	269.0u	Yes
12	17	9.2u	437.0u	Yes
13	17	6.7u	489.0u	Yes
14	17	6.4u	362.0u	Yes
15	17	7.3u	482.0u	Yes
16	17	6.1u	389.0u	Yes
17	16	9.8u	435.0u	Yes
18	17	8.7u	227.0u	Yes
19	17	8.0u	469.0u	Yes
20	17	9.5u	258.0u	Yes
21	17	7.4u	244.0u	Yes
22	18	7.4u	228.0u	Yes
23	17	8.0u	348.0u	Yes
24	16	6.1u	496.0u	Yes
25	17	8.1u	354.0u	Yes
26	17	8.3u	383.0u	Yes
27	17	6.8u	281.0u	Yes
28	18	6.7u	343.0u	Yes
29	18	6.4u	246.0u	Yes
30	17	10.0u	405.0u	Yes
Detection Rate: 93.3 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	18.7u	336.0u	Yes
2	15	16.1u	462.0u	Yes
3	15	19.5u	457.0u	Yes
4	12	16.2u	207.0u	Yes
5	15	13.1u	281.0u	Yes
6	13	17.3u	224.0u	Yes
7	15	12.4u	274.0u	Yes
8	15	17.2u	253.0u	Yes
9	14	19.6u	364.0u	Yes
10	15	15.4u	313.0u	Yes
11	13	12.9u	397.0u	Yes
12	16	17.6u	279.0u	Yes
13	13	13.9u	206.0u	No
14	15	15.8u	283.0u	Yes
15	15	19.8u	268.0u	Yes
16	13	19.7u	284.0u	Yes
17	14	13.7u	435.0u	Yes
18	16	14.2u	478.0u	Yes
19	12	16.7u	461.0u	No
20	14	13.7u	496.0u	Yes
21	13	19.6u	457.0u	Yes
22	13	11.3u	431.0u	Yes
23	13	11.8u	413.0u	Yes
24	13	17.5u	387.0u	Yes
25	16	17.0u	364.0u	Yes
26	15	18.0u	460.0u	Yes
27	16	14.6u	251.0u	Yes
28	13	19.6u	430.0u	Yes
29	12	15.8u	462.0u	Yes
30	15	15.8u	490.0u	Yes
Detection Rate: 93.3 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	No
18	LP_Signal_18	No
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	No
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 90.0 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 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	6M	95.4u	1.466m	-	171.8m
2	2	8M	68.1u	1.374m	-	402.5m
3	1	5M	76.6u	-	-	173.7m
4	2	10M	76.0u	1.766m	-	545.1m
5	3	5M	93.7u	914.3u	1.608m	706.3m
6	1	16M	87.8u	-	-	112.3m
7	3	16M	75.6u	1.675m	1.493m	541.0m
8	3	10M	71.1u	1.062m	1.399m	654.2m
9	1	13M	75.7u	-	-	243.0m
10	2	11M	63.0u	1.813m	-	227.0m
11	2	12M	89.8u	1.002m	-	729.5m
12	3	11M	87.2u	1.419m	1.609m	521.9m
13	1	13M	77.2u	-	-	378.1m
14	3	17M	71.5u	1.263m	1.148m	177.9m
15	3	17M	70.0u	1.219m	1.911m	455.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
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	1	5M	59.3u	-	-	380.7m
2	2	19M	79.8u	1.237m	-	378.5m
3	2	16M	57.5u	1.595m	-	177.8m
4	2	16M	78.8u	1.124m	-	450.7m
5	2	13M	56.3u	1.687m	-	705.8m
6	2	7M	78.5u	1.550m	-	461.6m
7	2	19M	93.4u	1.182m	-	72.97m
8	2	10M	73.6u	1.335m	-	898.1m
9	2	17M	74.7u	1.612m	-	435.2m
10	2	12M	73.2u	1.788m	-	769.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	13M	55.4u	-	-	152.5m
2	2	13M	87.4u	1.838m	-	839.3m
3	1	17M	71.1u	-	-	955.4m
4	2	17M	77.7u	1.850m	-	505.7m
5	3	19M	67.7u	970.3u	1.536m	554.2m
6	2	14M	97.1u	951.9u	-	934.3m
7	3	14M	81.8u	1.803m	1.824m	397.6m
8	3	17M	75.0u	1.889m	1.324m	762.3m
9	1	13M	71.8u	-	-	385.5m
10	3	18M	90.7u	1.057m	1.373m	424.8m
11	2	9M	70.1u	1.047m	-	327.0m
12	2	9M	54.8u	965.2u	-	174.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
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	11M	61.5u	1.332m	1.521m	701.5m
2	1	14M	70.6u	-	-	206.8m
3	3	13M	82.0u	1.324m	1.309m	267.6m
4	2	9M	82.5u	1.727m	-	200.5m
5	3	8M	61.5u	1.137m	1.789m	610.7m
6	2	13M	59.6u	1.757m	-	263.5m
7	3	12M	58.1u	1.234m	1.584m	313.6m
8	1	6M	61.6u	-	-	257.8m
9	2	11M	83.1u	1.131m	-	456.5m
10	2	16M	85.4u	1.869m	-	562.8m
11	1	19M	62.6u	-	-	194.9m
12	3	12M	77.5u	1.484m	1.778m	751.7m
13	3	8M	64.2u	1.137m	1.018m	8.255m
14	1	15M	87.0u	-	-	407.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
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	15M	76.7u	-	-	315.8m
2	3	18M	59.0u	1.807m	1.460m	195.0m
3	2	16M	65.4u	1.707m	-	9.748m
4	2	18M	78.5u	1.280m	-	574.8m
5	2	17M	58.1u	1.102m	-	155.8m
6	1	14M	99.9u	-	-	452.8m
7	3	11M	90.2u	1.568m	1.106m	254.7m
8	1	18M	79.1u	-	-	589.1m
9	2	9M	97.8u	1.440m	-	205.9m
10	3	16M	96.8u	1.403m	1.559m	123.6m
11	2	10M	66.9u	1.929m	-	28.23m
12	2	17M	75.0u	1.345m	-	508.5m
13	2	12M	72.8u	1.277m	-	556.4m
14	2	5M	80.7u	1.892m	-	616.4m
15	2	12M	81.0u	1.131m	-	440.2m
16	2	15M	75.3u	1.346m	-	210.4m
17	2	15M	55.5u	1.370m	-	208.3m

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	17M	64.4u	1.499m	-	738.5m
2	2	14M	54.0u	1.219m	-	754.1m
3	2	8M	82.3u	1.569m	-	576.8m
4	3	18M	96.1u	1.201m	939.9u	746.5m
5	1	9M	54.0u	-	-	483.2m
6	2	10M	53.6u	1.472m	-	71.61m
7	3	6M	78.7u	1.843m	1.279m	380.6m
8	2	15M	97.3u	1.315m	-	65.67m
9	3	17M	61.9u	1.849m	1.507m	733.1m
10	2	14M	85.2u	1.026m	-	468.1m
11	3	10M	91.1u	1.580m	1.611m	122.4m
12	2	5M	63.4u	1.233m	-	405.8m
13	1	6M	63.5u	-	-	748.2m
14	1	11M	73.6u	-	-	686.6m
15	2	13M	77.7u	936.3u	-	4.252m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
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	6M	63.7u	1.285m	1.632m	377.2m
2	2	12M	95.6u	1.205m	-	583.5m
3	2	12M	65.5u	1.197m	-	597.0m
4	2	10M	70.8u	1.547m	-	762.2m
5	3	11M	65.4u	1.689m	1.195m	188.6m
6	1	16M	87.4u	-	-	1.092
7	2	9M	95.1u	948.9u	-	234.3m
8	2	15M	77.5u	1.478m	-	804.1m
9	2	20M	82.6u	1.712m	-	1.081

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	3	19M	73.2u	1.737m	1.543m	907.6m
2	2	15M	82.9u	1.783m	-	92.50m
3	2	11M	66.1u	1.784m	-	713.5m
4	3	12M	71.4u	1.651m	1.575m	665.5m
5	2	16M	99.3u	1.745m	-	602.8m
6	3	13M	85.5u	1.201m	1.043m	943.1m
7	2	6M	91.9u	1.690m	-	530.0m
8	3	14M	59.2u	1.362m	1.883m	561.6m
9	1	7M	58.9u	-	-	799.5m
10	3	14M	72.0u	1.748m	1.017m	659.1m
11	3	18M	86.1u	1.005m	1.527m	964.4m
12	2	14M	96.1u	1.118m	-	266.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	18M	69.5u	-	-	800.0m
2	3	8M	60.1u	1.781m	974.9u	534.1m
3	1	10M	70.7u	-	-	546.7m
4	1	8M	60.0u	-	-	778.7m
5	2	19M	96.8u	1.605m	-	992.1m
6	2	13M	78.6u	1.700m	-	324.0m
7	1	13M	59.5u	-	-	637.5m
8	2	17M	82.7u	1.295m	-	402.2m
9	3	9M	74.1u	1.448m	1.201m	528.1m
10	1	19M	53.2u	-	-	749.2m
11	2	7M	60.7u	1.741m	-	637.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
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	16M	92.4u	1.626m	-	912.7m
2	1	11M	73.3u	-	-	334.0m
3	2	12M	98.1u	979.9u	-	507.7m
4	2	9M	86.0u	1.353m	-	103.3m
5	3	14M	66.3u	1.435m	1.790m	249.2m
6	2	19M	75.8u	1.583m	-	435.8m
7	3	11M	65.4u	1.257m	1.065m	366.4m
8	3	18M	57.9u	1.301m	1.640m	207.5m
9	2	10M	61.9u	1.471m	-	545.6m
10	2	9M	72.9u	1.030m	-	637.2m
11	2	17M	86.9u	1.793m	-	830.0m
12	2	16M	66.8u	940.2u	-	209.5m
13	2	11M	99.5u	1.522m	-	668.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
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	14M	81.6u	-	-	127.2m
2	2	12M	69.2u	1.765m	-	729.7m
3	3	12M	95.0u	1.536m	1.903m	191.5m
4	2	11M	80.6u	1.520m	-	430.6m
5	3	14M	50.8u	1.286m	1.669m	558.9m
6	1	18M	98.2u	-	-	182.3m
7	1	6M	97.5u	-	-	497.5m
8	2	15M	63.8u	1.199m	-	481.0m
9	1	12M	84.1u	-	-	535.3m
10	1	17M	98.5u	-	-	605.4m
11	3	11M	71.8u	1.016m	1.180m	416.0m
12	2	12M	76.1u	1.838m	-	469.1m
13	1	8M	53.1u	-	-	484.7m
14	3	8M	81.8u	1.889m	1.597m	663.2m
15	2	17M	96.9u	907.1u	-	502.2m
16	2	10M	78.7u	1.675m	-	708.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	3	7M	82.1u	1.346m	1.453m	194.3m
2	3	6M	87.8u	1.199m	1.679m	501.2m
3	3	14M	84.9u	990.1u	1.167m	1.092
4	3	13M	83.3u	1.099m	1.767m	659.1m
5	1	8M	99.1u	-	-	566.6m
6	2	19M	87.7u	928.3u	-	322.0m
7	2	10M	92.5u	1.328m	-	283.3m
8	2	5M	69.3u	1.457m	-	784.3m
9	1	18M	93.8u	-	-	26.22m
10	2	14M	88.5u	1.301m	-	577.4m

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	2	17M	92.6u	1.067m	-	484.2m
2	2	18M	72.2u	1.823m	-	1.186
3	2	10M	55.2u	980.8u	-	1.283
4	1	13M	82.4u	-	-	306.0m
5	2	12M	60.8u	959.2u	-	1.196
6	2	17M	86.2u	1.140m	-	806.1m
7	2	16M	65.8u	963.2u	-	627.0m
8	1	18M	52.8u	-	-	842.6m
9	2	15M	76.7u	1.673m	-	77.65m

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	2	18M	61.5u	1.058m	-	610.5m
2	2	14M	78.3u	1.892m	-	622.7m
3	3	9M	85.3u	1.122m	1.663m	407.2m
4	3	18M	57.2u	1.325m	1.690m	285.6m
5	1	6M	92.6u	-	-	253.5m
6	1	15M	62.6u	-	-	155.2m
7	2	7M	71.0u	1.644m	-	518.7m
8	2	6M	71.5u	1.449m	-	261.6m
9	1	9M	71.5u	-	-	545.8m
10	2	10M	56.8u	1.694m	-	243.3m
11	3	12M	88.1u	1.822m	1.898m	62.77m
12	2	9M	61.2u	1.375m	-	66.46m
13	1	19M	82.5u	-	-	191.9m
14	3	6M	73.4u	1.923m	1.548m	26.63m
15	3	8M	66.4u	1.310m	1.011m	581.8m
16	3	18M	94.3u	1.846m	1.031m	522.6m
17	3	16M	63.2u	1.915m	1.254m	96.06m
18	2	11M	59.9u	1.819m	-	524.7m
19	2	12M	72.0u	1.103m	-	456.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
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	7M	88.0u	1.727m	-	118.6m
2	2	10M	62.5u	1.658m	-	172.8m
3	3	20M	55.7u	1.787m	994.3u	722.6m
4	2	8M	76.8u	1.348m	-	28.74m
5	3	15M	65.8u	1.451m	1.744m	135.3m
6	3	17M	80.3u	1.101m	1.592m	55.61m
7	1	9M	50.7u	-	-	206.0m
8	2	6M	58.4u	1.752m	-	708.9m
9	2	8M	66.3u	1.379m	-	731.6m
10	3	16M	91.2u	1.719m	1.493m	668.6m
11	2	15M	92.2u	1.427m	-	281.7m
12	3	20M	87.5u	1.854m	1.910m	301.9m
13	2	11M	55.6u	1.708m	-	291.5m
14	2	19M	98.2u	1.300m	-	82.53m
15	1	19M	53.2u	-	-	368.9m

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	7M	97.6u	1.851m	-	16.11m
2	3	16M	58.8u	1.657m	1.823m	259.5m
3	2	9M	89.5u	1.076m	-	34.87m
4	2	12M	92.1u	1.556m	-	661.2m
5	2	13M	73.4u	1.435m	-	733.5m
6	1	18M	69.3u	-	-	394.8m
7	1	8M	58.0u	-	-	73.77m
8	1	9M	68.1u	-	-	472.5m
9	3	13M	81.2u	1.803m	1.742m	407.1m
10	2	11M	94.3u	1.895m	-	363.8m
11	1	17M	60.9u	-	-	673.2m
12	1	13M	72.9u	-	-	376.9m
13	3	14M	53.6u	1.538m	1.335m	787.0m
14	2	14M	62.0u	1.859m	-	32.16m
15	1	12M	92.8u	-	-	734.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
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	11M	92.5u	958.5u	1.408m	39.08m
2	1	8M	55.4u	-	-	58.44m
3	3	7M	85.3u	1.251m	947.7u	109.1m
4	1	10M	74.6u	-	-	530.2m
5	1	9M	74.9u	-	-	542.5m
6	1	14M	78.8u	-	-	121.0m
7	2	7M	68.0u	1.391m	-	621.8m
8	2	13M	59.8u	1.577m	-	357.2m
9	3	15M	76.4u	1.842m	941.6u	519.0m
10	1	11M	62.6u	-	-	322.3m
11	2	12M	97.3u	980.7u	-	638.1m
12	2	8M	87.0u	1.186m	-	540.4m
13	3	7M	81.2u	1.803m	1.871m	17.86m
14	2	20M	94.4u	1.413m	-	332.0m
15	2	6M	79.2u	1.916m	-	261.0m
16	3	17M	58.9u	1.729m	1.077m	558.9m
17	3	12M	62.1u	1.723m	1.559m	86.25m
18	2	9M	77.2u	1.880m	-	259.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
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	14M	87.3u	-	-	721.5m
2	2	17M	99.2u	1.146m	-	355.2m
3	2	7M	56.0u	1.536m	-	802.8m
4	2	11M	96.2u	1.233m	-	415.3m
5	2	14M	70.2u	1.439m	-	533.7m
6	3	7M	64.1u	1.625m	1.931m	650.6m
7	1	8M	87.9u	-	-	247.7m
8	1	5M	59.6u	-	-	334.0m
9	1	14M	62.2u	-	-	435.5m
10	1	9M	79.7u	-	-	141.5m
11	3	11M	99.4u	910.6u	1.849m	828.1m
12	2	13M	56.0u	1.266m	-	55.29m
13	2	13M	89.9u	1.536m	-	92.97m
14	1	14M	56.9u	-	-	202.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	1	11M	80.6u	-	-	160.4m
2	3	14M	64.8u	1.924m	1.805m	52.16m
3	3	6M	53.2u	1.861m	1.862m	122.3m
4	3	8M	52.4u	1.277m	1.634m	183.5m
5	1	11M	95.9u	-	-	158.5m
6	1	17M	99.2u	-	-	545.7m
7	1	9M	94.0u	-	-	590.4m
8	2	15M	97.7u	1.122m	-	308.8m
9	2	17M	71.3u	1.307m	-	513.5m
10	1	6M	65.9u	-	-	168.1m
11	3	13M	51.5u	1.783m	1.246m	100.0m
12	2	17M	85.3u	939.7u	-	249.0m
13	2	9M	96.3u	1.830m	-	262.9m
14	2	13M	75.0u	1.636m	-	77.10m
15	2	14M	75.0u	977.0u	-	267.2m
16	2	12M	91.8u	1.852m	-	66.45m
17	1	11M	64.4u	-	-	549.6m
18	1	5M	80.1u	-	-	480.4m
19	2	14M	55.2u	1.630m	-	9.840m
20	1	17M	89.0u	-	-	460.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	13M	99.3u	1.472m	-	397.8m
2	2	7M	80.9u	1.070m	-	168.0m
3	2	6M	92.6u	966.4u	-	501.3m
4	1	7M	78.6u	-	-	229.5m
5	1	13M	94.6u	-	-	120.7m
6	3	14M	92.1u	1.243m	1.785m	529.9m
7	2	20M	81.7u	1.588m	-	696.6m
8	2	14M	75.2u	1.061m	-	884.5m
9	1	9M	85.4u	-	-	771.3m
10	2	16M	51.0u	999.0u	-	864.6m
11	1	10M	96.5u	-	-	767.9m
12	2	17M	67.2u	1.450m	-	125.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
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	3	10M	91.1u	1.451m	959.9u	511.7m
2	1	19M	60.3u	-	-	167.9m
3	2	6M	71.2u	985.8u	-	175.5m
4	2	7M	89.6u	1.833m	-	403.9m
5	1	5M	85.6u	-	-	637.0m
6	3	7M	78.6u	960.4u	1.310m	21.04m
7	2	10M	99.9u	1.011m	-	625.7m
8	1	10M	54.0u	-	-	450.3m
9	2	19M	71.6u	1.860m	-	618.3m
10	1	11M	77.2u	-	-	72.15m
11	2	6M	68.7u	1.600m	-	271.5m
12	1	13M	72.8u	-	-	545.1m
13	3	10M	74.9u	1.025m	1.098m	761.3m

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	84.0u	1.266m	-	443.3m
2	2	6M	92.8u	1.546m	-	663.0m
3	1	10M	61.6u	-	-	191.2m
4	2	14M	65.2u	935.8u	-	91.98m
5	1	6M	72.5u	-	-	946.1m
6	3	9M	83.2u	1.078m	1.587m	181.5m
7	1	12M	66.2u	-	-	15.97m
8	1	12M	80.2u	-	-	1.072
9	2	15M	88.3u	1.655m	-	115.5m
10	1	15M	55.2u	-	-	882.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	18M	65.2u	1.074m	-	949.6m
2	2	18M	95.5u	1.347m	-	911.5m
3	2	15M	75.8u	1.808m	-	714.5m
4	1	17M	64.4u	-	-	954.3m
5	1	11M	83.3u	-	-	12.41m
6	3	10M	57.1u	1.924m	1.479m	796.5m
7	2	18M	52.9u	1.519m	-	986.2m
8	2	14M	69.5u	988.5u	-	1.032
9	1	19M	78.3u	-	-	530.7m
10	2	16M	54.1u	1.081m	-	252.7m
11	1	16M	62.6u	-	-	928.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
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	7M	63.3u	1.176m	-	441.6m
2	2	11M	59.3u	1.158m	-	1.141
3	2	13M	87.1u	997.9u	-	819.8m
4	2	20M	74.8u	1.760m	-	581.8m
5	2	9M	78.9u	1.629m	-	1.230
6	1	16M	53.2u	-	-	693.2m
7	1	17M	57.6u	-	-	307.2m
8	1	13M	91.1u	-	-	544.0m
9	3	6M	72.9u	1.709m	1.892m	720.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	18M	68.4u	1.499m	-	740.1m
2	2	6M	74.3u	1.227m	-	104.0m
3	2	18M	66.9u	1.267m	-	1.113
4	2	16M	56.8u	1.137m	-	21.91m
5	3	14M	50.7u	1.638m	1.749m	790.5m
6	2	12M	80.7u	1.579m	-	73.11m
7	2	7M	91.2u	1.659m	-	66.88m
8	1	16M	75.0u	-	-	81.74m
9	1	10M	72.6u	-	-	856.9m
10	2	9M	52.3u	1.013m	-	1.030

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	96.4u	-	-	268.9m
2	2	11M	95.7u	1.703m	-	152.9m
3	3	14M	58.5u	1.720m	1.839m	595.7m
4	1	7M	56.2u	-	-	23.52m
5	2	9M	51.5u	1.318m	-	251.9m
6	2	14M	89.9u	1.035m	-	441.9m
7	3	20M	59.8u	1.847m	1.904m	51.50m
8	2	12M	67.0u	1.223m	-	56.83m
9	3	11M	73.0u	1.313m	1.735m	99.58m
10	2	7M	70.6u	1.686m	-	412.4m
11	2	18M	57.9u	1.619m	-	299.9m
12	2	20M	55.8u	1.075m	-	23.26m
13	3	8M	72.9u	1.759m	1.226m	287.1m
14	3	9M	71.3u	1.228m	997.7u	492.7m
15	3	14M	94.4u	1.386m	1.088m	571.0m
16	2	10M	54.3u	970.7u	-	353.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
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	20M	88.3u	-	-	77.10m
2	2	17M	85.1u	1.535m	-	371.6m
3	2	9M	80.5u	1.293m	-	540.8m
4	2	11M	57.5u	1.257m	-	644.0m
5	2	12M	95.7u	1.762m	-	249.0m
6	1	18M	55.0u	-	-	369.5m
7	1	19M	84.9u	-	-	134.7m
8	1	11M	51.1u	-	-	480.5m
9	2	9M	57.6u	1.290m	-	447.0m
10	2	14M	61.4u	1.319m	-	22.42m
11	1	14M	94.4u	-	-	336.5m
12	1	12M	79.9u	-	-	412.3m
13	2	18M	96.3u	1.520m	-	404.8m
14	1	11M	69.6u	-	-	80.63m
15	2	19M	74.1u	1.439m	-	406.7m
16	3	15M	61.8u	1.526m	1.001m	200.7m
17	3	18M	66.1u	1.170m	1.593m	443.8m
18	3	17M	80.2u	1.170m	1.319m	361.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
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	8M	57.0u	-	-	302.9m
2	2	18M	92.4u	1.808m	-	542.5m
3	2	7M	65.3u	1.080m	-	706.8m
4	2	5M	89.1u	1.633m	-	575.5m
5	1	9M	94.5u	-	-	53.21m
6	3	6M	97.1u	1.397m	1.568m	165.3m
7	2	8M	57.4u	1.380m	-	34.61m
8	2	10M	52.9u	1.163m	-	475.3m
9	1	11M	87.6u	-	-	244.9m
10	1	13M	79.7u	-	-	861.6m
11	2	6M	52.0u	1.352m	-	573.3m
12	3	6M	78.9u	1.123m	1.377m	429.3m
13	1	12M	65.0u	-	-	371.9m

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	3	11M	63.4u	1.296m	959.6u	752.3m
2	3	7M	67.5u	1.173m	1.528m	599.3m
3	1	11M	92.1u	-	-	680.2m
4	2	8M	99.5u	959.5u	-	905.4m
5	1	6M	69.4u	-	-	110.3m
6	2	17M	71.5u	1.099m	-	617.0m
7	1	13M	80.1u	-	-	544.8m
8	2	9M	73.4u	1.639m	-	387.1m
9	3	8M	82.1u	1.689m	1.182m	866.7m
10	1	15M	70.8u	-	-	625.0u
11	1	11M	51.3u	-	-	337.1m
12	1	15M	95.5u	-	-	835.5m
13	2	14M	81.7u	922.3u	-	703.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
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	3	15M	57.7u	1.724m	1.212m	201.5m
2	3	9M	80.7u	1.000m	1.574m	112.9m
3	2	12M	85.1u	1.120m	-	863.1m
4	1	15M	68.4u	-	-	54.28m
5	2	19M	80.9u	939.1u	-	368.1m
6	1	11M	83.2u	-	-	987.1m
7	2	9M	68.0u	1.253m	-	990.9m
8	2	6M	52.5u	1.769m	-	116.2m
9	3	9M	50.3u	1.797m	1.799m	512.2m
10	1	10M	89.0u	-	-	204.4m
11	2	17M	98.2u	1.385m	-	992.8m
12	2	19M	59.2u	1.669m	-	456.8m

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.393G	2	5.483G	3	5.621G	4	5.388G
5	5.647G	6	5.328G	7	5.431G	8	5.702G
9	5.690G	10	5.305G	11	5.512G	12	5.708G
13	5.444G	14	5.693G	15	5.318G	16	5.657G
17	5.419G	18	5.583G	19	5.442G	20	5.479G
21	5.493G	22	5.581G	23	5.340G	24	5.342G
25	5.270G	26	5.590G	27	5.376G	28	5.585G
29	5.642G	30	5.569G	31	5.466G	32	5.622G
33	5.522G	34	5.513G	35	5.558G	36	5.418G
37	5.579G	38	5.684G	39	5.600G	40	5.468G
41	5.473G	42	5.263G	43	5.664G	44	5.502G
45	5.654G	46	5.580G	47	5.571G	48	5.650G
49	5.250G	50	5.436G	51	5.531G	52	5.451G
53	5.685G	54	5.659G	55	5.624G	56	5.630G
57	5.586G	58	5.382G	59	5.303G	60	5.539G
61	5.275G	62	5.368G	63	5.588G	64	5.549G
65	5.349G	66	5.519G	67	5.470G	68	5.457G
69	5.604G	70	5.721G	71	5.607G	72	5.655G
73	5.608G	74	5.456G	75	5.518G	76	5.302G
77	5.712G	78	5.471G	79	5.623G	80	5.401G
81	5.595G	82	5.375G	83	5.367G	84	5.537G
85	5.460G	86	5.344G	87	5.372G	88	5.602G
89	5.525G	90	5.674G	91	5.611G	92	5.492G
93	5.365G	94	5.603G	95	5.315G	96	5.326G
97	5.396G	98	5.497G	99	5.416G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.570G	2	5.509G	3	5.597G	4	5.484G
5	5.262G	6	5.505G	7	5.383G	8	5.697G
9	5.253G	10	5.313G	11	5.591G	12	5.289G
13	5.254G	14	5.580G	15	5.723G	16	5.258G
17	5.641G	18	5.534G	19	5.569G	20	5.420G
21	5.540G	22	5.427G	23	5.377G	24	5.680G
25	5.605G	26	5.252G	27	5.549G	28	5.288G
29	5.696G	30	5.345G	31	5.485G	32	5.519G
33	5.402G	34	5.338G	35	5.452G	36	5.353G
37	5.264G	38	5.536G	39	5.625G	40	5.400G
41	5.640G	42	5.269G	43	5.537G	44	5.389G
45	5.600G	46	5.496G	47	5.459G	48	5.443G
49	5.438G	50	5.476G	51	5.560G	52	5.502G
53	5.497G	54	5.708G	55	5.325G	56	5.595G
57	5.360G	58	5.297G	59	5.651G	60	5.387G
61	5.286G	62	5.555G	63	5.517G	64	5.350G
65	5.544G	66	5.386G	67	5.582G	68	5.468G
69	5.649G	70	5.260G	71	5.382G	72	5.322G
73	5.283G	74	5.279G	75	5.594G	76	5.639G
77	5.566G	78	5.694G	79	5.593G	80	5.405G
81	5.483G	82	5.565G	83	5.622G	84	5.531G
85	5.552G	86	5.481G	87	5.503G	88	5.265G
89	5.330G	90	5.458G	91	5.500G	92	5.408G
93	5.298G	94	5.611G	95	5.448G	96	5.575G
97	5.703G	98	5.631G	99	5.665G	100	5.521G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.262G	2	5.648G	3	5.557G	4	5.508G
5	5.270G	6	5.331G	7	5.362G	8	5.300G
9	5.716G	10	5.605G	11	5.255G	12	5.374G
13	5.593G	14	5.535G	15	5.631G	16	5.311G
17	5.713G	18	5.387G	19	5.647G	20	5.524G
21	5.430G	22	5.722G	23	5.528G	24	5.667G
25	5.603G	26	5.486G	27	5.551G	28	5.560G
29	5.341G	30	5.391G	31	5.339G	32	5.679G
33	5.706G	34	5.596G	35	5.385G	36	5.290G
37	5.714G	38	5.658G	39	5.479G	40	5.582G
41	5.676G	42	5.277G	43	5.345G	44	5.344G
45	5.646G	46	5.592G	47	5.619G	48	5.335G
49	5.521G	50	5.477G	51	5.566G	52	5.562G
53	5.643G	54	5.567G	55	5.413G	56	5.353G
57	5.390G	58	5.594G	59	5.407G	60	5.327G
61	5.459G	62	5.398G	63	5.523G	64	5.618G
65	5.717G	66	5.435G	67	5.691G	68	5.662G
69	5.294G	70	5.308G	71	5.329G	72	5.503G
73	5.425G	74	5.657G	75	5.539G	76	5.443G
77	5.570G	78	5.456G	79	5.473G	80	5.628G
81	5.501G	82	5.444G	83	5.429G	84	5.689G
85	5.678G	86	5.553G	87	5.409G	88	5.463G
89	5.354G	90	5.383G	91	5.718G	92	5.522G
93	5.351G	94	5.273G	95	5.527G	96	5.519G
97	5.656G	98	5.708G	99	5.478G	100	5.654G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.526G	2	5.370G	3	5.375G	4	5.527G
5	5.428G	6	5.528G	7	5.420G	8	5.647G
9	5.570G	10	5.458G	11	5.598G	12	5.617G
13	5.689G	14	5.271G	15	5.378G	16	5.577G
17	5.459G	18	5.440G	19	5.637G	20	5.426G
21	5.649G	22	5.599G	23	5.618G	24	5.555G
25	5.584G	26	5.348G	27	5.468G	28	5.412G
29	5.713G	30	5.572G	31	5.519G	32	5.473G
33	5.429G	34	5.439G	35	5.405G	36	5.714G
37	5.455G	38	5.591G	39	5.710G	40	5.322G
41	5.398G	42	5.312G	43	5.585G	44	5.529G
45	5.554G	46	5.328G	47	5.669G	48	5.579G
49	5.447G	50	5.480G	51	5.533G	52	5.593G
53	5.321G	54	5.361G	55	5.434G	56	5.665G
57	5.651G	58	5.338G	59	5.448G	60	5.305G
61	5.600G	62	5.532G	63	5.551G	64	5.454G
65	5.691G	66	5.393G	67	5.453G	68	5.501G
69	5.414G	70	5.399G	71	5.672G	72	5.340G
73	5.611G	74	5.483G	75	5.344G	76	5.293G
77	5.686G	78	5.327G	79	5.318G	80	5.515G
81	5.445G	82	5.721G	83	5.622G	84	5.441G
85	5.376G	86	5.358G	87	5.720G	88	5.256G
89	5.582G	90	5.694G	91	5.620G	92	5.310G
93	5.319G	94	5.264G	95	5.646G	96	5.323G
97	5.390G	98	5.719G	99	5.549G	100	5.610G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.591G	3	5.280G	4	5.337G
5	5.690G	6	5.485G	7	5.389G	8	5.404G
9	5.507G	10	5.402G	11	5.698G	12	5.367G
13	5.394G	14	5.319G	15	5.694G	16	5.392G
17	5.616G	18	5.313G	19	5.496G	20	5.302G
21	5.499G	22	5.296G	23	5.395G	24	5.665G
25	5.310G	26	5.281G	27	5.275G	28	5.592G
29	5.528G	30	5.323G	31	5.403G	32	5.315G
33	5.416G	34	5.304G	35	5.480G	36	5.532G
37	5.506G	38	5.369G	39	5.502G	40	5.706G
41	5.253G	42	5.575G	43	5.476G	44	5.448G
45	5.348G	46	5.376G	47	5.487G	48	5.577G
49	5.491G	50	5.720G	51	5.478G	52	5.615G
53	5.660G	54	5.354G	55	5.572G	56	5.663G
57	5.723G	58	5.401G	59	5.539G	60	5.691G
61	5.619G	62	5.286G	63	5.279G	64	5.272G
65	5.433G	66	5.705G	67	5.662G	68	5.598G
69	5.361G	70	5.419G	71	5.418G	72	5.503G
73	5.669G	74	5.700G	75	5.442G	76	5.710G
77	5.308G	78	5.631G	79	5.689G	80	5.306G
81	5.344G	82	5.317G	83	5.670G	84	5.563G
85	5.525G	86	5.459G	87	5.634G	88	5.558G
89	5.570G	90	5.318G	91	5.679G	92	5.612G
93	5.345G	94	5.364G	95	5.414G	96	5.497G
97	5.624G	98	5.294G	99	5.355G	100	5.467G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.371G	2	5.595G	3	5.295G	4	5.360G
5	5.658G	6	5.400G	7	5.506G	8	5.404G
9	5.593G	10	5.655G	11	5.376G	12	5.437G
13	5.640G	14	5.664G	15	5.504G	16	5.340G
17	5.499G	18	5.629G	19	5.432G	20	5.319G
21	5.607G	22	5.515G	23	5.366G	24	5.280G
25	5.654G	26	5.573G	27	5.310G	28	5.538G
29	5.563G	30	5.679G	31	5.359G	32	5.641G
33	5.615G	34	5.675G	35	5.578G	36	5.409G
37	5.415G	38	5.393G	39	5.720G	40	5.362G
41	5.262G	42	5.547G	43	5.466G	44	5.318G
45	5.684G	46	5.598G	47	5.533G	48	5.384G
49	5.307G	50	5.403G	51	5.699G	52	5.688G
53	5.413G	54	5.477G	55	5.251G	56	5.568G
57	5.313G	58	5.667G	59	5.337G	60	5.603G
61	5.357G	62	5.452G	63	5.386G	64	5.514G
65	5.430G	66	5.523G	67	5.551G	68	5.581G
69	5.271G	70	5.383G	71	5.509G	72	5.713G
73	5.270G	74	5.315G	75	5.697G	76	5.557G
77	5.420G	78	5.692G	79	5.676G	80	5.700G
81	5.572G	82	5.462G	83	5.495G	84	5.324G
85	5.554G	86	5.429G	87	5.342G	88	5.599G
89	5.574G	90	5.479G	91	5.395G	92	5.706G
93	5.332G	94	5.671G	95	5.287G	96	5.283G
97	5.606G	98	5.350G	99	5.436G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.398G	2	5.344G	3	5.272G	4	5.336G
5	5.299G	6	5.673G	7	5.705G	8	5.578G
9	5.594G	10	5.431G	11	5.549G	12	5.487G
13	5.377G	14	5.541G	15	5.519G	16	5.593G
17	5.268G	18	5.419G	19	5.633G	20	5.703G
21	5.556G	22	5.257G	23	5.327G	24	5.334G
25	5.640G	26	5.485G	27	5.321G	28	5.369G
29	5.567G	30	5.555G	31	5.463G	32	5.322G
33	5.505G	34	5.614G	35	5.267G	36	5.621G
37	5.338G	38	5.502G	39	5.707G	40	5.358G
41	5.368G	42	5.286G	43	5.263G	44	5.596G
45	5.513G	46	5.624G	47	5.317G	48	5.325G
49	5.514G	50	5.280G	51	5.260G	52	5.668G
53	5.583G	54	5.282G	55	5.382G	56	5.577G
57	5.644G	58	5.481G	59	5.524G	60	5.270G
61	5.584G	62	5.494G	63	5.397G	64	5.534G
65	5.437G	66	5.340G	67	5.360G	68	5.540G
69	5.507G	70	5.564G	71	5.568G	72	5.535G
73	5.523G	74	5.700G	75	5.326G	76	5.404G
77	5.456G	78	5.328G	79	5.428G	80	5.339G
81	5.288G	82	5.670G	83	5.722G	84	5.676G
85	5.709G	86	5.335G	87	5.365G	88	5.291G
89	5.654G	90	5.704G	91	5.276G	92	5.367G
93	5.430G	94	5.295G	95	5.320G	96	5.402G
97	5.305G	98	5.492G	99	5.479G	100	5.414G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.322G	2	5.643G	3	5.577G	4	5.265G
5	5.621G	6	5.303G	7	5.645G	8	5.460G
9	5.354G	10	5.669G	11	5.634G	12	5.348G
13	5.515G	14	5.641G	15	5.616G	16	5.680G
17	5.294G	18	5.436G	19	5.306G	20	5.285G
21	5.651G	22	5.260G	23	5.558G	24	5.667G
25	5.329G	26	5.563G	27	5.649G	28	5.391G
29	5.632G	30	5.495G	31	5.396G	32	5.719G
33	5.491G	34	5.700G	35	5.307G	36	5.289G
37	5.675G	38	5.613G	39	5.476G	40	5.310G
41	5.699G	42	5.662G	43	5.298G	44	5.399G
45	5.586G	46	5.320G	47	5.499G	48	5.583G
49	5.525G	50	5.302G	51	5.523G	52	5.410G
53	5.422G	54	5.440G	55	5.548G	56	5.679G
57	5.684G	58	5.721G	59	5.599G	60	5.493G
61	5.697G	62	5.357G	63	5.478G	64	5.270G
65	5.704G	66	5.475G	67	5.370G	68	5.466G
69	5.412G	70	5.344G	71	5.367G	72	5.376G
73	5.542G	74	5.266G	75	5.652G	76	5.529G
77	5.674G	78	5.532G	79	5.484G	80	5.628G
81	5.692G	82	5.326G	83	5.636G	84	5.550G
85	5.635G	86	5.625G	87	5.389G	88	5.581G
89	5.430G	90	5.264G	91	5.252G	92	5.683G
93	5.514G	94	5.573G	95	5.588G	96	5.353G
97	5.556G	98	5.401G	99	5.589G	100	5.541G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.677G	2	5.661G	3	5.695G	4	5.668G
5	5.650G	6	5.637G	7	5.263G	8	5.669G
9	5.454G	10	5.715G	11	5.716G	12	5.617G
13	5.585G	14	5.719G	15	5.547G	16	5.291G
17	5.250G	18	5.643G	19	5.613G	20	5.369G
21	5.626G	22	5.483G	23	5.423G	24	5.700G
25	5.444G	26	5.378G	27	5.346G	28	5.349G
29	5.478G	30	5.290G	31	5.411G	32	5.496G
33	5.722G	34	5.675G	35	5.345G	36	5.689G
37	5.445G	38	5.606G	39	5.630G	40	5.357G
41	5.533G	42	5.467G	43	5.707G	44	5.612G
45	5.266G	46	5.350G	47	5.656G	48	5.443G
49	5.571G	50	5.383G	51	5.569G	52	5.583G
53	5.473G	54	5.261G	55	5.373G	56	5.355G
57	5.265G	58	5.712G	59	5.680G	60	5.487G
61	5.546G	62	5.329G	63	5.618G	64	5.284G
65	5.377G	66	5.255G	67	5.646G	68	5.681G
69	5.278G	70	5.667G	71	5.307G	72	5.253G
73	5.705G	74	5.280G	75	5.385G	76	5.526G
77	5.481G	78	5.257G	79	5.453G	80	5.638G
81	5.507G	82	5.393G	83	5.584G	84	5.565G
85	5.391G	86	5.713G	87	5.625G	88	5.461G
89	5.578G	90	5.498G	91	5.653G	92	5.696G
93	5.640G	94	5.551G	95	5.390G	96	5.682G
97	5.484G	98	5.543G	99	5.690G	100	5.557G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.293G	2	5.449G	3	5.633G	4	5.617G
5	5.650G	6	5.501G	7	5.605G	8	5.473G
9	5.261G	10	5.692G	11	5.467G	12	5.263G
13	5.498G	14	5.648G	15	5.331G	16	5.345G
17	5.321G	18	5.654G	19	5.343G	20	5.652G
21	5.296G	22	5.707G	23	5.508G	24	5.314G
25	5.553G	26	5.375G	27	5.672G	28	5.418G
29	5.641G	30	5.669G	31	5.632G	32	5.656G
33	5.367G	34	5.317G	35	5.260G	36	5.575G
37	5.435G	38	5.719G	39	5.469G	40	5.309G
41	5.701G	42	5.574G	43	5.608G	44	5.358G
45	5.540G	46	5.557G	47	5.570G	48	5.422G
49	5.585G	50	5.624G	51	5.700G	52	5.524G
53	5.312G	54	5.538G	55	5.380G	56	5.381G
57	5.279G	58	5.675G	59	5.407G	60	5.404G
61	5.556G	62	5.610G	63	5.436G	64	5.256G
65	5.527G	66	5.419G	67	5.542G	68	5.356G
69	5.433G	70	5.537G	71	5.639G	72	5.630G
73	5.447G	74	5.266G	75	5.576G	76	5.697G
77	5.492G	78	5.588G	79	5.484G	80	5.468G
81	5.311G	82	5.336G	83	5.280G	84	5.607G
85	5.342G	86	5.459G	87	5.623G	88	5.616G
89	5.284G	90	5.420G	91	5.592G	92	5.708G
93	5.377G	94	5.281G	95	5.664G	96	5.565G
97	5.566G	98	5.724G	99	5.479G	100	5.597G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.313G	2	5.256G	3	5.592G	4	5.252G
5	5.386G	6	5.353G	7	5.723G	8	5.419G
9	5.379G	10	5.566G	11	5.614G	12	5.504G
13	5.668G	14	5.431G	15	5.444G	16	5.564G
17	5.586G	18	5.688G	19	5.671G	20	5.371G
21	5.329G	22	5.464G	23	5.544G	24	5.415G
25	5.396G	26	5.358G	27	5.605G	28	5.679G
29	5.412G	30	5.630G	31	5.676G	32	5.287G
33	5.442G	34	5.473G	35	5.627G	36	5.508G
37	5.515G	38	5.582G	39	5.693G	40	5.352G
41	5.588G	42	5.426G	43	5.438G	44	5.331G
45	5.498G	46	5.667G	47	5.291G	48	5.634G
49	5.648G	50	5.425G	51	5.707G	52	5.322G
53	5.270G	54	5.373G	55	5.263G	56	5.452G
57	5.692G	58	5.264G	59	5.453G	60	5.665G
61	5.376G	62	5.469G	63	5.434G	64	5.513G
65	5.720G	66	5.616G	67	5.578G	68	5.418G
69	5.666G	70	5.645G	71	5.643G	72	5.536G
73	5.499G	74	5.558G	75	5.636G	76	5.596G
77	5.553G	78	5.555G	79	5.278G	80	5.527G
81	5.362G	82	5.455G	83	5.461G	84	5.664G
85	5.290G	86	5.606G	87	5.552G	88	5.432G
89	5.640G	90	5.684G	91	5.593G	92	5.595G
93	5.644G	94	5.662G	95	5.456G	96	5.590G
97	5.335G	98	5.537G	99	5.503G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.593G	2	5.348G	3	5.436G	4	5.574G
5	5.718G	6	5.298G	7	5.294G	8	5.359G
9	5.527G	10	5.620G	11	5.405G	12	5.350G
13	5.337G	14	5.455G	15	5.658G	16	5.304G
17	5.714G	18	5.696G	19	5.383G	20	5.602G
21	5.403G	22	5.526G	23	5.705G	24	5.596G
25	5.367G	26	5.331G	27	5.544G	28	5.671G
29	5.342G	30	5.507G	31	5.500G	32	5.268G
33	5.358G	34	5.622G	35	5.567G	36	5.503G
37	5.719G	38	5.710G	39	5.704G	40	5.635G
41	5.363G	42	5.432G	43	5.406G	44	5.625G
45	5.475G	46	5.524G	47	5.300G	48	5.721G
49	5.724G	50	5.425G	51	5.293G	52	5.312G
53	5.551G	54	5.707G	55	5.387G	56	5.443G
57	5.629G	58	5.627G	59	5.397G	60	5.665G
61	5.373G	62	5.321G	63	5.469G	64	5.411G
65	5.552G	66	5.668G	67	5.385G	68	5.464G
69	5.394G	70	5.473G	71	5.324G	72	5.690G
73	5.427G	74	5.520G	75	5.505G	76	5.271G
77	5.452G	78	5.532G	79	5.548G	80	5.279G
81	5.619G	82	5.273G	83	5.578G	84	5.290G
85	5.711G	86	5.654G	87	5.335G	88	5.491G
89	5.589G	90	5.580G	91	5.494G	92	5.448G
93	5.660G	94	5.261G	95	5.586G	96	5.558G
97	5.467G	98	5.488G	99	5.478G	100	5.561G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.491G	2	5.532G	3	5.455G	4	5.474G
5	5.638G	6	5.632G	7	5.538G	8	5.617G
9	5.280G	10	5.358G	11	5.347G	12	5.435G
13	5.718G	14	5.303G	15	5.692G	16	5.373G
17	5.668G	18	5.558G	19	5.496G	20	5.517G
21	5.253G	22	5.533G	23	5.592G	24	5.323G
25	5.290G	26	5.465G	27	5.294G	28	5.345G
29	5.302G	30	5.352G	31	5.688G	32	5.645G
33	5.463G	34	5.495G	35	5.293G	36	5.367G
37	5.398G	38	5.529G	39	5.281G	40	5.326G
41	5.531G	42	5.378G	43	5.383G	44	5.530G
45	5.263G	46	5.469G	47	5.361G	48	5.360G
49	5.563G	50	5.589G	51	5.416G	52	5.252G
53	5.273G	54	5.680G	55	5.705G	56	5.574G
57	5.540G	58	5.636G	59	5.459G	60	5.464G
61	5.470G	62	5.476G	63	5.296G	64	5.460G
65	5.262G	66	5.443G	67	5.428G	68	5.710G
69	5.580G	70	5.307G	71	5.553G	72	5.650G
73	5.283G	74	5.696G	75	5.380G	76	5.504G
77	5.330G	78	5.424G	79	5.483G	80	5.503G
81	5.251G	82	5.548G	83	5.254G	84	5.318G
85	5.639G	86	5.660G	87	5.711G	88	5.607G
89	5.666G	90	5.432G	91	5.621G	92	5.402G
93	5.614G	94	5.349G	95	5.506G	96	5.516G
97	5.328G	98	5.581G	99	5.410G	100	5.468G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.343G	2	5.628G	3	5.335G	4	5.449G
5	5.723G	6	5.645G	7	5.555G	8	5.492G
9	5.462G	10	5.498G	11	5.452G	12	5.410G
13	5.594G	14	5.348G	15	5.508G	16	5.255G
17	5.397G	18	5.414G	19	5.306G	20	5.303G
21	5.495G	22	5.687G	23	5.308G	24	5.500G
25	5.417G	26	5.688G	27	5.621G	28	5.526G
29	5.424G	30	5.409G	31	5.647G	32	5.440G
33	5.534G	34	5.376G	35	5.640G	36	5.319G
37	5.257G	38	5.450G	39	5.309G	40	5.251G
41	5.676G	42	5.431G	43	5.634G	44	5.550G
45	5.407G	46	5.340G	47	5.565G	48	5.426G
49	5.277G	50	5.667G	51	5.372G	52	5.390G
53	5.573G	54	5.445G	55	5.466G	56	5.662G
57	5.355G	58	5.576G	59	5.700G	60	5.625G
61	5.549G	62	5.299G	63	5.435G	64	5.456G
65	5.686G	66	5.388G	67	5.712G	68	5.716G
69	5.630G	70	5.285G	71	5.581G	72	5.542G
73	5.338G	74	5.608G	75	5.691G	76	5.427G
77	5.675G	78	5.330G	79	5.618G	80	5.631G
81	5.683G	82	5.616G	83	5.459G	84	5.290G
85	5.558G	86	5.373G	87	5.696G	88	5.382G
89	5.656G	90	5.707G	91	5.642G	92	5.579G
93	5.689G	94	5.368G	95	5.714G	96	5.294G
97	5.658G	98	5.528G	99	5.604G	100	5.569G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.573G	2	5.554G	3	5.402G	4	5.587G
5	5.495G	6	5.551G	7	5.339G	8	5.417G
9	5.481G	10	5.454G	11	5.377G	12	5.611G
13	5.598G	14	5.263G	15	5.367G	16	5.706G
17	5.530G	18	5.336G	19	5.724G	20	5.326G
21	5.361G	22	5.380G	23	5.335G	24	5.570G
25	5.718G	26	5.508G	27	5.457G	28	5.653G
29	5.600G	30	5.621G	31	5.701G	32	5.394G
33	5.472G	34	5.441G	35	5.645G	36	5.677G
37	5.597G	38	5.416G	39	5.631G	40	5.302G
41	5.623G	42	5.563G	43	5.632G	44	5.356G
45	5.276G	46	5.709G	47	5.268G	48	5.485G
49	5.613G	50	5.310G	51	5.638G	52	5.648G
53	5.531G	54	5.487G	55	5.277G	56	5.431G
57	5.299G	58	5.539G	59	5.295G	60	5.412G
61	5.720G	62	5.425G	63	5.432G	64	5.521G
65	5.358G	66	5.565G	67	5.408G	68	5.448G
69	5.329G	70	5.344G	71	5.294G	72	5.474G
73	5.614G	74	5.499G	75	5.674G	76	5.596G
77	5.451G	78	5.469G	79	5.569G	80	5.272G
81	5.337G	82	5.440G	83	5.630G	84	5.646G
85	5.534G	86	5.426G	87	5.684G	88	5.523G
89	5.251G	90	5.698G	91	5.354G	92	5.637G
93	5.381G	94	5.328G	95	5.654G	96	5.626G
97	5.311G	98	5.250G	99	5.308G	100	5.446G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.509G	2	5.341G	3	5.419G	4	5.431G
5	5.539G	6	5.264G	7	5.405G	8	5.477G
9	5.704G	10	5.690G	11	5.536G	12	5.527G
13	5.658G	14	5.695G	15	5.547G	16	5.668G
17	5.464G	18	5.420G	19	5.423G	20	5.709G
21	5.570G	22	5.643G	23	5.706G	24	5.522G
25	5.718G	26	5.257G	27	5.698G	28	5.327G
29	5.697G	30	5.256G	31	5.337G	32	5.441G
33	5.472G	34	5.445G	35	5.692G	36	5.585G
37	5.332G	38	5.436G	39	5.504G	40	5.627G
41	5.403G	42	5.468G	43	5.484G	44	5.487G
45	5.623G	46	5.717G	47	5.715G	48	5.364G
49	5.462G	50	5.470G	51	5.678G	52	5.368G
53	5.267G	54	5.450G	55	5.495G	56	5.538G
57	5.519G	58	5.398G	59	5.460G	60	5.633G
61	5.663G	62	5.303G	63	5.564G	64	5.686G
65	5.499G	66	5.288G	67	5.375G	68	5.572G
69	5.285G	70	5.343G	71	5.541G	72	5.595G
73	5.424G	74	5.701G	75	5.253G	76	5.631G
77	5.723G	78	5.451G	79	5.331G	80	5.528G
81	5.391G	82	5.397G	83	5.374G	84	5.521G
85	5.653G	86	5.520G	87	5.457G	88	5.523G
89	5.552G	90	5.270G	91	5.317G	92	5.336G
93	5.603G	94	5.722G	95	5.561G	96	5.404G
97	5.503G	98	5.415G	99	5.265G	100	5.550G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.508G	2	5.704G	3	5.470G	4	5.707G
5	5.413G	6	5.295G	7	5.687G	8	5.494G
9	5.461G	10	5.676G	11	5.512G	12	5.339G
13	5.390G	14	5.454G	15	5.252G	16	5.305G
17	5.467G	18	5.426G	19	5.703G	20	5.311G
21	5.626G	22	5.267G	23	5.302G	24	5.329G
25	5.680G	26	5.585G	27	5.718G	28	5.580G
29	5.403G	30	5.566G	31	5.497G	32	5.280G
33	5.273G	34	5.561G	35	5.258G	36	5.547G
37	5.254G	38	5.550G	39	5.434G	40	5.662G
41	5.429G	42	5.697G	43	5.553G	44	5.468G
45	5.537G	46	5.684G	47	5.345G	48	5.361G
49	5.451G	50	5.401G	51	5.500G	52	5.473G
53	5.560G	54	5.359G	55	5.349G	56	5.577G
57	5.318G	58	5.678G	59	5.262G	60	5.710G
61	5.418G	62	5.356G	63	5.350G	64	5.515G
65	5.282G	66	5.440G	67	5.307G	68	5.625G
69	5.465G	70	5.567G	71	5.597G	72	5.405G
73	5.503G	74	5.444G	75	5.320G	76	5.689G
77	5.572G	78	5.385G	79	5.481G	80	5.618G
81	5.557G	82	5.682G	83	5.392G	84	5.600G
85	5.477G	86	5.529G	87	5.606G	88	5.297G
89	5.644G	90	5.627G	91	5.281G	92	5.253G
93	5.641G	94	5.636G	95	5.342G	96	5.321G
97	5.439G	98	5.411G	99	5.491G	100	5.598G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.520G	2	5.376G	3	5.299G	4	5.486G
5	5.312G	6	5.476G	7	5.624G	8	5.639G
9	5.271G	10	5.461G	11	5.693G	12	5.613G
13	5.655G	14	5.363G	15	5.597G	16	5.658G
17	5.283G	18	5.270G	19	5.357G	20	5.424G
21	5.575G	22	5.361G	23	5.381G	24	5.509G
25	5.378G	26	5.334G	27	5.460G	28	5.547G
29	5.305G	30	5.263G	31	5.643G	32	5.440G
33	5.294G	34	5.369G	35	5.332G	36	5.430G
37	5.254G	38	5.679G	39	5.570G	40	5.683G
41	5.598G	42	5.414G	43	5.425G	44	5.654G
45	5.317G	46	5.669G	47	5.651G	48	5.452G
49	5.250G	50	5.273G	51	5.377G	52	5.586G
53	5.451G	54	5.590G	55	5.353G	56	5.297G
57	5.466G	58	5.688G	59	5.293G	60	5.716G
61	5.259G	62	5.413G	63	5.710G	64	5.359G
65	5.431G	66	5.472G	67	5.703G	68	5.698G
69	5.501G	70	5.608G	71	5.265G	72	5.487G
73	5.545G	74	5.256G	75	5.581G	76	5.333G
77	5.583G	78	5.621G	79	5.616G	80	5.524G
81	5.482G	82	5.645G	83	5.690G	84	5.585G
85	5.646G	86	5.442G	87	5.443G	88	5.523G
89	5.718G	90	5.384G	91	5.455G	92	5.701G
93	5.697G	94	5.589G	95	5.267G	96	5.672G
97	5.257G	98	5.694G	99	5.329G	100	5.429G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.630G	2	5.331G	3	5.685G	4	5.443G
5	5.669G	6	5.641G	7	5.475G	8	5.383G
9	5.393G	10	5.261G	11	5.570G	12	5.597G
13	5.588G	14	5.337G	15	5.579G	16	5.706G
17	5.665G	18	5.379G	19	5.552G	20	5.358G
21	5.585G	22	5.695G	23	5.409G	24	5.631G
25	5.660G	26	5.672G	27	5.290G	28	5.584G
29	5.700G	30	5.577G	31	5.603G	32	5.457G
33	5.674G	34	5.591G	35	5.613G	36	5.680G
37	5.277G	38	5.676G	39	5.615G	40	5.652G
41	5.688G	42	5.625G	43	5.405G	44	5.282G
45	5.299G	46	5.447G	47	5.717G	48	5.432G
49	5.305G	50	5.433G	51	5.721G	52	5.422G
53	5.530G	54	5.266G	55	5.692G	56	5.518G
57	5.368G	58	5.329G	59	5.509G	60	5.592G
61	5.260G	62	5.367G	63	5.580G	64	5.650G
65	5.297G	66	5.598G	67	5.441G	68	5.540G
69	5.487G	70	5.431G	71	5.272G	72	5.439G
73	5.567G	74	5.364G	75	5.417G	76	5.385G
77	5.635G	78	5.638G	79	5.271G	80	5.497G
81	5.408G	82	5.326G	83	5.525G	84	5.451G
85	5.294G	86	5.720G	87	5.286G	88	5.384G
89	5.483G	90	5.429G	91	5.309G	92	5.724G
93	5.647G	94	5.382G	95	5.619G	96	5.521G
97	5.678G	98	5.411G	99	5.492G	100	5.468G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.259G	2	5.331G	3	5.483G	4	5.636G
5	5.573G	6	5.303G	7	5.342G	8	5.628G
9	5.251G	10	5.404G	11	5.562G	12	5.647G
13	5.695G	14	5.699G	15	5.475G	16	5.601G
17	5.352G	18	5.414G	19	5.290G	20	5.515G
21	5.306G	22	5.459G	23	5.370G	24	5.337G
25	5.300G	26	5.554G	27	5.461G	28	5.576G
29	5.358G	30	5.256G	31	5.674G	32	5.397G
33	5.665G	34	5.334G	35	5.350G	36	5.267G
37	5.578G	38	5.431G	39	5.531G	40	5.308G
41	5.478G	42	5.340G	43	5.650G	44	5.498G
45	5.575G	46	5.514G	47	5.313G	48	5.537G
49	5.691G	50	5.627G	51	5.387G	52	5.635G
53	5.584G	54	5.518G	55	5.435G	56	5.668G
57	5.439G	58	5.708G	59	5.321G	60	5.333G
61	5.592G	62	5.380G	63	5.301G	64	5.565G
65	5.365G	66	5.389G	67	5.378G	68	5.646G
69	5.641G	70	5.543G	71	5.664G	72	5.368G
73	5.615G	74	5.683G	75	5.500G	76	5.460G
77	5.494G	78	5.383G	79	5.670G	80	5.487G
81	5.706G	82	5.539G	83	5.687G	84	5.501G
85	5.714G	86	5.564G	87	5.429G	88	5.586G
89	5.669G	90	5.302G	91	5.454G	92	5.660G
93	5.289G	94	5.417G	95	5.419G	96	5.257G
97	5.293G	98	5.315G	99	5.287G	100	5.497G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.286G	2	5.632G	3	5.473G	4	5.636G
5	5.656G	6	5.329G	7	5.418G	8	5.643G
9	5.651G	10	5.506G	11	5.334G	12	5.609G
13	5.361G	14	5.422G	15	5.691G	16	5.545G
17	5.260G	18	5.330G	19	5.342G	20	5.534G
21	5.279G	22	5.486G	23	5.460G	24	5.465G
25	5.723G	26	5.570G	27	5.532G	28	5.593G
29	5.564G	30	5.432G	31	5.546G	32	5.456G
33	5.724G	34	5.529G	35	5.708G	36	5.542G
37	5.572G	38	5.405G	39	5.660G	40	5.600G
41	5.717G	42	5.680G	43	5.678G	44	5.428G
45	5.540G	46	5.619G	47	5.388G	48	5.581G
49	5.658G	50	5.357G	51	5.569G	52	5.558G
53	5.387G	54	5.268G	55	5.655G	56	5.477G
57	5.495G	58	5.645G	59	5.638G	60	5.282G
61	5.627G	62	5.340G	63	5.526G	64	5.481G
65	5.350G	66	5.684G	67	5.553G	68	5.607G
69	5.505G	70	5.452G	71	5.575G	72	5.536G
73	5.391G	74	5.582G	75	5.257G	76	5.692G
77	5.497G	78	5.475G	79	5.498G	80	5.588G
81	5.650G	82	5.346G	83	5.696G	84	5.316G
85	5.463G	86	5.614G	87	5.291G	88	5.675G
89	5.683G	90	5.610G	91	5.472G	92	5.563G
93	5.311G	94	5.394G	95	5.341G	96	5.385G
97	5.389G	98	5.300G	99	5.702G	100	5.507G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.371G	2	5.441G	3	5.413G	4	5.447G
5	5.640G	6	5.321G	7	5.523G	8	5.702G
9	5.706G	10	5.707G	11	5.303G	12	5.319G
13	5.695G	14	5.493G	15	5.262G	16	5.678G
17	5.479G	18	5.526G	19	5.580G	20	5.593G
21	5.651G	22	5.456G	23	5.615G	24	5.341G
25	5.668G	26	5.338G	27	5.603G	28	5.344G
29	5.570G	30	5.367G	31	5.426G	32	5.292G
33	5.450G	34	5.335G	35	5.654G	36	5.576G
37	5.699G	38	5.267G	39	5.652G	40	5.602G
41	5.525G	42	5.390G	43	5.655G	44	5.639G
45	5.393G	46	5.419G	47	5.355G	48	5.659G
49	5.381G	50	5.412G	51	5.495G	52	5.373G
53	5.573G	54	5.540G	55	5.515G	56	5.314G
57	5.662G	58	5.536G	59	5.569G	60	5.632G
61	5.635G	62	5.386G	63	5.317G	64	5.675G
65	5.597G	66	5.480G	67	5.255G	68	5.561G
69	5.562G	70	5.638G	71	5.272G	72	5.724G
73	5.389G	74	5.276G	75	5.608G	76	5.299G
77	5.571G	78	5.612G	79	5.519G	80	5.594G
81	5.306G	82	5.530G	83	5.429G	84	5.304G
85	5.473G	86	5.586G	87	5.718G	88	5.711G
89	5.700G	90	5.372G	91	5.628G	92	5.334G
93	5.642G	94	5.703G	95	5.368G	96	5.358G
97	5.505G	98	5.624G	99	5.604G	100	5.324G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.668G	3	5.419G	4	5.597G
5	5.561G	6	5.662G	7	5.648G	8	5.255G
9	5.268G	10	5.661G	11	5.458G	12	5.634G
13	5.549G	14	5.587G	15	5.390G	16	5.706G
17	5.684G	18	5.321G	19	5.574G	20	5.612G
21	5.524G	22	5.563G	23	5.517G	24	5.595G
25	5.285G	26	5.500G	27	5.388G	28	5.664G
29	5.379G	30	5.315G	31	5.424G	32	5.340G
33	5.636G	34	5.710G	35	5.266G	36	5.292G
37	5.619G	38	5.289G	39	5.283G	40	5.349G
41	5.411G	42	5.336G	43	5.287G	44	5.362G
45	5.477G	46	5.581G	47	5.330G	48	5.617G
49	5.604G	50	5.523G	51	5.412G	52	5.367G
53	5.403G	54	5.640G	55	5.534G	56	5.420G
57	5.281G	58	5.303G	59	5.667G	60	5.576G
61	5.327G	62	5.286G	63	5.295G	64	5.432G
65	5.721G	66	5.356G	67	5.351G	68	5.385G
69	5.724G	70	5.569G	71	5.520G	72	5.554G
73	5.647G	74	5.683G	75	5.548G	76	5.620G
77	5.314G	78	5.687G	79	5.580G	80	5.300G
81	5.575G	82	5.493G	83	5.533G	84	5.639G
85	5.690G	86	5.408G	87	5.696G	88	5.638G
89	5.692G	90	5.623G	91	5.333G	92	5.484G
93	5.397G	94	5.282G	95	5.705G	96	5.716G
97	5.476G	98	5.464G	99	5.582G	100	5.694G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.306G	2	5.452G	3	5.329G	4	5.628G
5	5.692G	6	5.455G	7	5.351G	8	5.660G
9	5.632G	10	5.405G	11	5.459G	12	5.693G
13	5.532G	14	5.325G	15	5.512G	16	5.701G
17	5.381G	18	5.375G	19	5.337G	20	5.406G
21	5.485G	22	5.365G	23	5.435G	24	5.652G
25	5.297G	26	5.563G	27	5.484G	28	5.668G
29	5.303G	30	5.465G	31	5.507G	32	5.528G
33	5.505G	34	5.712G	35	5.516G	36	5.662G
37	5.474G	38	5.602G	39	5.257G	40	5.442G
41	5.320G	42	5.463G	43	5.678G	44	5.665G
45	5.570G	46	5.607G	47	5.599G	48	5.519G
49	5.341G	50	5.618G	51	5.685G	52	5.302G
53	5.279G	54	5.705G	55	5.517G	56	5.478G
57	5.417G	58	5.614G	59	5.608G	60	5.250G
61	5.482G	62	5.666G	63	5.715G	64	5.488G
65	5.379G	66	5.264G	67	5.287G	68	5.340G
69	5.623G	70	5.391G	71	5.469G	72	5.576G
73	5.438G	74	5.462G	75	5.428G	76	5.408G
77	5.321G	78	5.502G	79	5.634G	80	5.615G
81	5.523G	82	5.252G	83	5.278G	84	5.544G
85	5.336G	86	5.533G	87	5.578G	88	5.611G
89	5.374G	90	5.686G	91	5.272G	92	5.356G
93	5.551G	94	5.580G	95	5.268G	96	5.694G
97	5.661G	98	5.322G	99	5.344G	100	5.650G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.406G	2	5.660G	3	5.618G	4	5.642G
5	5.517G	6	5.545G	7	5.258G	8	5.583G
9	5.279G	10	5.661G	11	5.710G	12	5.420G
13	5.281G	14	5.665G	15	5.257G	16	5.492G
17	5.467G	18	5.417G	19	5.651G	20	5.407G
21	5.589G	22	5.373G	23	5.381G	24	5.409G
25	5.352G	26	5.515G	27	5.688G	28	5.320G
29	5.411G	30	5.573G	31	5.365G	32	5.555G
33	5.552G	34	5.304G	35	5.425G	36	5.711G
37	5.556G	38	5.704G	39	5.633G	40	5.574G
41	5.551G	42	5.509G	43	5.567G	44	5.646G
45	5.369G	46	5.621G	47	5.579G	48	5.444G
49	5.693G	50	5.643G	51	5.676G	52	5.486G
53	5.625G	54	5.571G	55	5.382G	56	5.640G
57	5.595G	58	5.578G	59	5.697G	60	5.576G
61	5.607G	62	5.377G	63	5.721G	64	5.392G
65	5.351G	66	5.631G	67	5.423G	68	5.559G
69	5.401G	70	5.333G	71	5.476G	72	5.472G
73	5.537G	74	5.532G	75	5.524G	76	5.609G
77	5.491G	78	5.694G	79	5.404G	80	5.548G
81	5.439G	82	5.634G	83	5.342G	84	5.395G
85	5.714G	86	5.702G	87	5.446G	88	5.262G
89	5.616G	90	5.317G	91	5.506G	92	5.405G
93	5.285G	94	5.384G	95	5.408G	96	5.283G
97	5.560G	98	5.303G	99	5.339G	100	5.720G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.518G	2	5.439G	3	5.266G	4	5.339G
5	5.353G	6	5.382G	7	5.470G	8	5.474G
9	5.365G	10	5.712G	11	5.425G	12	5.495G
13	5.396G	14	5.394G	15	5.502G	16	5.378G
17	5.504G	18	5.605G	19	5.263G	20	5.322G
21	5.431G	22	5.619G	23	5.566G	24	5.674G
25	5.672G	26	5.313G	27	5.701G	28	5.497G
29	5.550G	30	5.546G	31	5.311G	32	5.522G
33	5.432G	34	5.579G	35	5.328G	36	5.298G
37	5.277G	38	5.661G	39	5.454G	40	5.547G
41	5.295G	42	5.466G	43	5.572G	44	5.256G
45	5.373G	46	5.275G	47	5.452G	48	5.462G
49	5.261G	50	5.555G	51	5.309G	52	5.573G
53	5.483G	54	5.307G	55	5.273G	56	5.697G
57	5.424G	58	5.639G	59	5.476G	60	5.514G
61	5.521G	62	5.505G	63	5.578G	64	5.597G
65	5.426G	66	5.354G	67	5.455G	68	5.343G
69	5.645G	70	5.413G	71	5.456G	72	5.417G
73	5.368G	74	5.620G	75	5.540G	76	5.677G
77	5.480G	78	5.458G	79	5.451G	80	5.270G
81	5.347G	82	5.599G	83	5.718G	84	5.355G
85	5.290G	86	5.358G	87	5.590G	88	5.434G
89	5.506G	90	5.403G	91	5.587G	92	5.367G
93	5.551G	94	5.423G	95	5.445G	96	5.582G
97	5.622G	98	5.714G	99	5.611G	100	5.607G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.356G	2	5.693G	3	5.539G	4	5.495G
5	5.681G	6	5.613G	7	5.659G	8	5.267G
9	5.559G	10	5.562G	11	5.337G	12	5.639G
13	5.523G	14	5.323G	15	5.572G	16	5.683G
17	5.434G	18	5.667G	19	5.472G	20	5.385G
21	5.373G	22	5.670G	23	5.581G	24	5.470G
25	5.398G	26	5.371G	27	5.554G	28	5.653G
29	5.711G	30	5.312G	31	5.257G	32	5.623G
33	5.520G	34	5.551G	35	5.521G	36	5.305G
37	5.303G	38	5.407G	39	5.326G	40	5.477G
41	5.713G	42	5.723G	43	5.252G	44	5.580G
45	5.321G	46	5.611G	47	5.583G	48	5.605G
49	5.421G	50	5.284G	51	5.685G	52	5.575G
53	5.333G	54	5.724G	55	5.571G	56	5.516G
57	5.542G	58	5.302G	59	5.315G	60	5.501G
61	5.629G	62	5.614G	63	5.566G	64	5.509G
65	5.413G	66	5.596G	67	5.524G	68	5.640G
69	5.528G	70	5.537G	71	5.301G	72	5.325G
73	5.719G	74	5.423G	75	5.498G	76	5.288G
77	5.499G	78	5.519G	79	5.494G	80	5.334G
81	5.370G	82	5.536G	83	5.491G	84	5.420G
85	5.251G	86	5.444G	87	5.263G	88	5.674G
89	5.343G	90	5.527G	91	5.348G	92	5.628G
93	5.411G	94	5.447G	95	5.478G	96	5.675G
97	5.588G	98	5.347G	99	5.682G	100	5.304G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.329G	2	5.327G	3	5.364G	4	5.396G
5	5.382G	6	5.560G	7	5.298G	8	5.550G
9	5.338G	10	5.446G	11	5.483G	12	5.588G
13	5.653G	14	5.711G	15	5.528G	16	5.611G
17	5.679G	18	5.659G	19	5.619G	20	5.718G
21	5.574G	22	5.269G	23	5.517G	24	5.650G
25	5.315G	26	5.617G	27	5.342G	28	5.670G
29	5.438G	30	5.674G	31	5.645G	32	5.525G
33	5.700G	34	5.391G	35	5.258G	36	5.583G
37	5.477G	38	5.553G	39	5.607G	40	5.556G
41	5.424G	42	5.695G	43	5.707G	44	5.379G
45	5.529G	46	5.296G	47	5.344G	48	5.277G
49	5.630G	50	5.410G	51	5.286G	52	5.491G
53	5.335G	54	5.458G	55	5.423G	56	5.689G
57	5.447G	58	5.373G	59	5.395G	60	5.496G
61	5.663G	62	5.419G	63	5.310G	64	5.416G
65	5.255G	66	5.339G	67	5.559G	68	5.363G
69	5.676G	70	5.353G	71	5.581G	72	5.577G
73	5.401G	74	5.262G	75	5.614G	76	5.699G
77	5.485G	78	5.366G	79	5.266G	80	5.297G
81	5.441G	82	5.418G	83	5.468G	84	5.569G
85	5.636G	86	5.439G	87	5.288G	88	5.464G
89	5.299G	90	5.565G	91	5.320G	92	5.562G
93	5.284G	94	5.427G	95	5.634G	96	5.627G
97	5.527G	98	5.666G	99	5.465G	100	5.459G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.720G	2	5.417G	3	5.296G	4	5.690G
5	5.579G	6	5.456G	7	5.621G	8	5.575G
9	5.290G	10	5.458G	11	5.337G	12	5.369G
13	5.409G	14	5.600G	15	5.493G	16	5.684G
17	5.557G	18	5.413G	19	5.289G	20	5.422G
21	5.386G	22	5.324G	23	5.461G	24	5.474G
25	5.319G	26	5.396G	27	5.590G	28	5.293G
29	5.580G	30	5.713G	31	5.623G	32	5.525G
33	5.418G	34	5.640G	35	5.437G	36	5.641G
37	5.438G	38	5.460G	39	5.700G	40	5.356G
41	5.308G	42	5.540G	43	5.405G	44	5.608G
45	5.273G	46	5.482G	47	5.432G	48	5.664G
49	5.593G	50	5.531G	51	5.497G	52	5.329G
53	5.647G	54	5.523G	55	5.426G	56	5.306G
57	5.288G	58	5.613G	59	5.691G	60	5.686G
61	5.508G	62	5.385G	63	5.710G	64	5.318G
65	5.261G	66	5.695G	67	5.633G	68	5.529G
69	5.619G	70	5.599G	71	5.547G	72	5.711G
73	5.348G	74	5.309G	75	5.378G	76	5.542G
77	5.530G	78	5.526G	79	5.537G	80	5.406G
81	5.379G	82	5.569G	83	5.603G	84	5.452G
85	5.568G	86	5.689G	87	5.598G	88	5.462G
89	5.429G	90	5.573G	91	5.696G	92	5.444G
93	5.346G	94	5.351G	95	5.278G	96	5.361G
97	5.412G	98	5.567G	99	5.262G	100	5.266G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.621G	2	5.358G	3	5.516G	4	5.314G
5	5.679G	6	5.566G	7	5.282G	8	5.434G
9	5.642G	10	5.256G	11	5.483G	12	5.288G
13	5.461G	14	5.260G	15	5.667G	16	5.654G
17	5.717G	18	5.292G	19	5.627G	20	5.711G
21	5.564G	22	5.531G	23	5.583G	24	5.541G
25	5.289G	26	5.325G	27	5.648G	28	5.690G
29	5.355G	30	5.649G	31	5.250G	32	5.563G
33	5.590G	34	5.454G	35	5.409G	36	5.609G
37	5.625G	38	5.371G	39	5.577G	40	5.534G
41	5.253G	42	5.704G	43	5.308G	44	5.442G
45	5.326G	46	5.373G	47	5.294G	48	5.540G
49	5.646G	50	5.274G	51	5.518G	52	5.517G
53	5.324G	54	5.437G	55	5.575G	56	5.551G
57	5.537G	58	5.523G	59	5.384G	60	5.475G
61	5.469G	62	5.496G	63	5.539G	64	5.445G
65	5.362G	66	5.635G	67	5.565G	68	5.478G
69	5.689G	70	5.462G	71	5.548G	72	5.555G
73	5.673G	74	5.340G	75	5.697G	76	5.311G
77	5.503G	78	5.542G	79	5.271G	80	5.506G
81	5.335G	82	5.644G	83	5.721G	84	5.507G
85	5.643G	86	5.350G	87	5.426G	88	5.418G
89	5.538G	90	5.369G	91	5.359G	92	5.532G
93	5.430G	94	5.713G	95	5.270G	96	5.637G
97	5.255G	98	5.544G	99	5.354G	100	5.572G

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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	No
17	18	1.0u	1.428m	No
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: 93.3 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	1.8u	155.0u	No
2	25	3.7u	174.0u	Yes
3	29	2.7u	204.0u	Yes
4	27	2.2u	177.0u	Yes
5	26	3.1u	164.0u	Yes
6	24	4.9u	199.0u	Yes
7	28	3.7u	213.0u	Yes
8	25	5.0u	210.0u	Yes
9	26	3.6u	200.0u	Yes
10	28	2.6u	170.0u	Yes
11	24	3.7u	186.0u	Yes
12	26	4.0u	219.0u	Yes
13	23	2.2u	174.0u	No
14	26	1.4u	176.0u	Yes
15	26	2.4u	199.0u	Yes
16	26	3.3u	163.0u	Yes
17	26	1.7u	164.0u	Yes
18	23	3.5u	188.0u	Yes
19	28	1.1u	211.0u	Yes
20	25	2.9u	197.0u	Yes
21	28	1.8u	163.0u	Yes
22	29	1.2u	184.0u	Yes
23	26	3.0u	182.0u	Yes
24	29	4.6u	188.0u	Yes
25	28	3.5u	220.0u	Yes
26	25	1.9u	154.0u	Yes
27	28	1.6u	151.0u	Yes
28	27	2.2u	197.0u	Yes
29	26	1.5u	153.0u	No
30	25	2.5u	154.0u	Yes
Detection Rate: 90.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	9.5u	221.0u	Yes
2	16	8.3u	378.0u	Yes
3	17	7.4u	413.0u	Yes
4	16	7.4u	242.0u	Yes
5	17	6.2u	318.0u	Yes
6	17	8.3u	474.0u	Yes
7	17	7.8u	385.0u	Yes
8	17	8.0u	457.0u	Yes
9	16	8.9u	356.0u	Yes
10	16	6.0u	217.0u	Yes
11	18	9.8u	386.0u	Yes
12	17	6.6u	484.0u	Yes
13	17	7.0u	329.0u	Yes
14	17	9.5u	259.0u	Yes
15	17	6.8u	397.0u	Yes
16	17	6.8u	439.0u	Yes
17	18	6.1u	378.0u	Yes
18	17	7.0u	395.0u	Yes
19	16	8.2u	257.0u	Yes
20	18	7.3u	207.0u	Yes
21	17	6.9u	383.0u	Yes
22	17	7.8u	431.0u	Yes
23	16	6.6u	435.0u	Yes
24	16	6.0u	457.0u	Yes
25	17	7.7u	427.0u	Yes
26	17	8.8u	340.0u	Yes
27	17	8.9u	445.0u	Yes
28	17	7.2u	318.0u	Yes
29	16	8.1u	365.0u	Yes
30	17	6.4u	300.0u	Yes
Detection Rate: 100.0 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	12.8u	213.0u	Yes
2	14	18.0u	453.0u	Yes
3	15	12.8u	445.0u	Yes
4	13	15.4u	455.0u	No
5	15	17.3u	344.0u	No
6	14	12.7u	388.0u	Yes
7	13	15.5u	487.0u	No
8	14	19.5u	296.0u	Yes
9	16	11.3u	322.0u	No
10	13	18.6u	355.0u	Yes
11	12	12.8u	239.0u	Yes
12	13	14.1u	273.0u	Yes
13	14	11.7u	245.0u	Yes
14	14	13.7u	256.0u	Yes
15	15	16.9u	317.0u	Yes
16	14	19.4u	234.0u	Yes
17	13	19.6u	429.0u	No
18	14	19.0u	493.0u	Yes
19	16	11.0u	410.0u	Yes
20	13	13.5u	458.0u	Yes
21	12	11.2u	454.0u	Yes
22	13	13.4u	311.0u	Yes
23	16	16.2u	383.0u	Yes
24	13	14.8u	212.0u	Yes
25	16	14.8u	444.0u	Yes
26	15	16.8u	450.0u	Yes
27	14	13.7u	365.0u	Yes
28	13	16.4u	294.0u	Yes
29	14	15.9u	351.0u	No
30	13	12.2u	246.0u	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	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
Detection Rate: 100.0 %		

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
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	3	10M	87.4u	1.356m	987.6u	200.6m
2	2	17M	84.6u	1.730m	-	69.15m
3	2	9M	81.7u	1.319m	-	727.0m
4	2	19M	53.8u	1.044m	-	1.165
5	1	20M	57.2u	-	-	281.0m
6	2	12M	77.3u	1.900m	-	1.161
7	1	8M	94.4u	-	-	165.0m
8	2	8M	51.4u	1.700m	-	1.178
9	2	5M	57.2u	1.934m	-	697.8m
10	3	8M	98.3u	1.115m	1.205m	301.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
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	8M	59.3u	1.373m	-	1.297
2	2	7M	53.9u	1.484m	-	1.257
3	2	16M	89.9u	1.015m	-	506.0m
4	2	19M	57.6u	1.298m	-	471.2m
5	2	10M	97.7u	1.352m	-	1.048
6	1	5M	83.5u	-	-	1.272
7	1	16M	53.0u	-	-	263.3m
8	1	20M	83.7u	-	-	319.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	15M	74.0u	1.290m	-	354.7m
2	2	7M	99.7u	1.466m	-	14.28m
3	2	14M	94.3u	1.756m	-	22.60m
4	3	16M	95.3u	1.569m	925.7u	542.8m
5	3	16M	88.4u	1.233m	1.146m	61.20m
6	2	20M	76.8u	1.244m	-	624.4m
7	2	13M	68.7u	1.122m	-	454.6m
8	2	10M	71.7u	1.613m	-	624.6m
9	1	17M	67.8u	-	-	576.2m
10	3	13M	60.3u	1.521m	1.052m	470.0m
11	3	8M	88.6u	1.626m	1.588m	330.6m
12	1	11M	62.3u	-	-	83.61m
13	2	12M	84.0u	1.287m	-	227.3m
14	1	15M	54.3u	-	-	94.42m
15	2	6M	74.7u	1.918m	-	286.0m
16	2	11M	85.9u	1.125m	-	277.5m
17	3	5M	88.4u	1.662m	1.521m	61.43m
18	3	10M	85.1u	1.871m	1.257m	447.3m
19	1	9M	99.7u	-	-	214.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
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	3	15M	61.2u	1.470m	1.802m	91.87m
2	3	11M	92.5u	1.272m	1.785m	719.8m
3	2	16M	83.2u	1.295m	-	379.6m
4	2	7M	64.0u	1.620m	-	48.64m
5	3	10M	64.9u	1.904m	1.209m	429.4m
6	2	8M	65.3u	1.158m	-	461.0m
7	2	20M	75.5u	1.332m	-	130.6m
8	3	5M	77.7u	1.592m	1.887m	192.1m
9	3	12M	93.9u	1.858m	1.860m	450.1m
10	2	16M	74.6u	1.442m	-	540.4m
11	2	18M	81.3u	994.7u	-	132.2m
12	1	17M	81.8u	-	-	5.434m
13	1	14M	63.9u	-	-	128.5m
14	1	20M	72.4u	-	-	29.07m
15	1	11M	98.3u	-	-	387.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
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	9M	77.7u	1.088m	-	373.6m
2	2	16M	97.8u	1.103m	-	638.4m
3	1	9M	95.7u	-	-	433.4m
4	2	13M	52.4u	1.161m	-	188.3m
5	2	8M	99.4u	1.702m	-	206.9m
6	3	15M	55.2u	1.223m	1.707m	195.1m
7	1	15M	74.7u	-	-	541.6m
8	2	8M	95.5u	986.5u	-	26.87m
9	2	11M	54.8u	1.764m	-	401.7m
10	2	13M	84.0u	1.147m	-	158.5m
11	1	18M	51.7u	-	-	469.2m
12	3	6M	59.1u	1.367m	1.831m	667.1m
13	2	10M	68.1u	1.371m	-	178.6m
14	2	10M	72.2u	1.330m	-	67.05m
15	2	11M	86.4u	1.656m	-	429.9m
16	3	8M	80.1u	1.264m	1.267m	234.3m
17	3	14M	58.0u	1.602m	956.0u	652.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	11M	95.8u	-	-	765.3m
2	1	8M	62.9u	-	-	293.5m
3	1	9M	55.7u	-	-	727.9m
4	2	20M	57.0u	1.417m	-	340.9m
5	2	11M	90.3u	1.193m	-	586.3m
6	2	16M	69.2u	1.047m	-	85.25m
7	2	12M	69.2u	1.153m	-	514.7m
8	3	6M	99.4u	1.680m	1.104m	193.9m
9	1	13M	95.8u	-	-	858.5m
10	1	20M	90.9u	-	-	924.5m
11	3	9M	69.6u	1.666m	1.920m	960.9m
12	1	5M	79.5u	-	-	195.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
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	9M	82.0u	978.0u	-	104.3m
2	1	14M	75.8u	-	-	531.9m
3	3	17M	89.4u	1.022m	966.6u	438.4m
4	1	14M	97.4u	-	-	227.8m
5	2	14M	63.6u	1.234m	-	108.2m
6	2	15M	67.1u	1.729m	-	278.5m
7	1	9M	99.4u	-	-	419.6m
8	3	12M	54.9u	1.599m	1.014m	559.4m
9	2	14M	93.7u	1.811m	-	652.2m
10	2	10M	67.9u	1.519m	-	88.63m
11	2	18M	59.5u	1.265m	-	11.86m
12	2	13M	55.9u	1.685m	-	334.7m
13	2	12M	95.5u	1.070m	-	413.7m
14	3	6M	70.7u	1.122m	954.3u	667.8m
15	3	13M	74.2u	1.497m	1.526m	494.5m
16	2	13M	61.4u	958.6u	-	327.6m
17	3	11M	73.4u	1.056m	1.160m	91.69m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	18M	96.8u	1.122m	-	174.3m
2	2	20M	73.1u	1.586m	-	730.0m
3	2	20M	56.3u	1.781m	-	515.1m
4	2	9M	79.7u	1.480m	-	30.52m
5	2	17M	51.1u	982.9u	-	195.7m
6	2	11M	94.7u	1.719m	-	900.9m
7	3	9M	64.2u	1.841m	1.387m	271.1m
8	2	9M	74.8u	1.702m	-	360.1m
9	2	9M	68.8u	1.910m	-	56.55m
10	1	13M	67.2u	-	-	474.6m
11	3	10M	54.9u	1.449m	1.212m	452.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	54.6u	-	-	446.5m
2	2	5M	68.0u	1.927m	-	105.4m
3	2	12M	86.8u	1.694m	-	9.211m
4	2	8M	53.8u	946.2u	-	449.6m
5	1	19M	54.5u	-	-	252.0m
6	2	15M	69.2u	1.312m	-	212.1m
7	3	14M	79.0u	1.919m	1.003m	709.8m
8	2	19M	57.9u	1.838m	-	620.1m
9	2	6M	56.2u	1.874m	-	146.1m
10	3	5M	78.6u	1.740m	1.726m	419.6m
11	2	14M	69.6u	1.285m	-	756.2m
12	1	18M	64.6u	-	-	872.9m
13	1	13M	88.6u	-	-	263.9m

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	2	16M	92.4u	1.574m	-	596.0m
2	3	18M	50.9u	1.107m	1.276m	252.4m
3	2	6M	75.5u	1.494m	-	251.1m
4	3	10M	96.6u	994.4u	1.849m	592.7m
5	1	15M	61.1u	-	-	548.3m
6	1	15M	72.3u	-	-	777.4m
7	1	20M	69.7u	-	-	209.8m
8	1	18M	75.3u	-	-	110.6m
9	3	12M	58.8u	1.152m	1.404m	498.4m
10	1	15M	95.0u	-	-	443.8m
11	2	17M	56.6u	1.483m	-	757.3m
12	2	11M	78.2u	1.309m	-	816.0m
13	1	14M	64.4u	-	-	408.1m
14	2	7M	66.3u	1.582m	-	262.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
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	14M	60.0u	1.081m	1.531m	1.201
2	3	17M	57.9u	996.1u	1.323m	820.0m
3	1	7M	66.4u	-	-	869.9m
4	3	19M	88.8u	1.369m	947.2u	1.160
5	2	8M	64.5u	1.485m	-	1.271
6	2	19M	79.7u	1.668m	-	468.9m
7	2	9M	82.7u	1.642m	-	188.5m
8	3	13M	57.4u	1.270m	1.488m	1.189
9	2	18M	78.5u	1.357m	-	944.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	6M	95.2u	1.614m	-	425.6m
2	3	8M	84.5u	1.488m	1.459m	91.79m
3	2	9M	50.1u	1.482m	-	142.2m
4	2	17M	66.5u	958.5u	-	259.9m
5	1	15M	82.2u	-	-	248.8m
6	1	6M	76.1u	-	-	612.0m
7	1	15M	91.1u	-	-	266.1m
8	2	18M	86.0u	1.811m	-	509.3m
9	1	18M	61.5u	-	-	75.78m
10	2	19M	96.5u	1.205m	-	474.8m
11	2	6M	81.7u	1.345m	-	713.7m
12	1	10M	82.5u	-	-	364.9m
13	3	13M	76.9u	938.1u	1.116m	178.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	3	14M	80.4u	1.667m	1.217m	572.1m
2	2	8M	65.2u	989.8u	-	259.9m
3	1	11M	90.1u	-	-	710.3m
4	2	10M	79.5u	1.268m	-	331.3m
5	3	6M	70.7u	1.325m	1.154m	308.3m
6	1	18M	52.8u	-	-	566.9m
7	2	15M	76.3u	1.227m	-	675.0m
8	3	15M	52.6u	1.219m	1.427m	640.0m
9	1	15M	76.3u	-	-	73.89m
10	2	15M	72.1u	1.273m	-	283.1m
11	3	9M	93.2u	1.225m	1.044m	260.2m
12	2	10M	64.6u	1.893m	-	491.2m
13	2	17M	99.9u	1.232m	-	691.6m
14	2	10M	92.5u	1.334m	-	313.8m
15	2	20M	69.1u	1.323m	-	395.7m
16	1	19M	66.0u	-	-	401.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
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	8M	81.0u	1.146m	-	291.3m
2	2	7M	93.1u	1.832m	-	605.8m
3	2	9M	53.9u	1.355m	-	266.7m
4	2	17M	68.3u	1.753m	-	37.14m
5	1	9M	55.2u	-	-	596.2m
6	2	15M	80.4u	1.414m	-	270.5m
7	3	12M	86.8u	977.2u	1.515m	480.4m
8	2	10M	83.8u	1.051m	-	478.0m
9	2	11M	64.6u	1.439m	-	587.1m
10	2	8M	65.6u	1.177m	-	303.4m
11	2	17M	89.2u	1.818m	-	553.0m
12	2	13M	84.1u	1.871m	-	594.2m
13	1	9M	83.6u	-	-	149.0m
14	3	11M	88.9u	1.057m	1.542m	162.9m
15	2	8M	63.0u	1.828m	-	72.25m
16	3	7M	97.7u	1.019m	1.093m	624.1m
17	2	15M	62.0u	1.346m	-	420.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
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	74.1u	-	-	531.9m
2	2	14M	88.6u	1.034m	-	462.0m
3	1	16M	98.9u	-	-	185.9m
4	3	6M	88.7u	994.3u	1.248m	881.2m
5	1	15M	65.7u	-	-	84.15m
6	2	7M	73.0u	1.626m	-	139.3m
7	3	8M	98.5u	1.827m	1.288m	438.4m
8	2	6M	85.8u	1.497m	-	838.8m
9	3	14M	61.1u	1.641m	1.850m	716.7m
10	3	10M	84.7u	1.550m	923.3u	544.7m
11	3	6M	56.4u	1.278m	1.507m	770.8m
12	1	18M	86.6u	-	-	277.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	8M	93.7u	964.3u	-	488.7m
2	2	18M	73.0u	1.847m	-	42.34m
3	3	17M	89.0u	1.908m	1.131m	544.6m
4	3	7M	65.6u	1.778m	1.434m	595.9m
5	1	15M	79.2u	-	-	1.885m
6	1	5M	74.9u	-	-	500.7m
7	1	18M	71.9u	-	-	488.6m
8	2	8M	82.9u	1.640m	-	458.7m
9	2	13M	61.8u	1.426m	-	476.9m
10	2	7M	60.0u	1.780m	-	91.48m
11	1	14M	63.8u	-	-	511.0m
12	3	14M	81.6u	1.636m	1.294m	580.9m
13	3	10M	93.8u	1.337m	1.731m	336.1m
14	3	7M	85.1u	1.419m	1.476m	447.3m
15	2	10M	52.3u	1.672m	-	183.2m
16	3	17M	62.5u	1.661m	1.172m	199.2m
17	1	11M	99.7u	-	-	148.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
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	3	8M	81.6u	1.256m	1.231m	1.060
2	2	16M	90.4u	1.638m	-	541.2m
3	1	14M	92.2u	-	-	989.6m
4	2	15M	96.0u	1.574m	-	61.87m
5	3	18M	82.0u	1.344m	1.169m	61.61m
6	3	19M	53.3u	1.507m	1.764m	331.4m
7	2	10M	53.7u	1.239m	-	1.047
8	2	8M	88.8u	1.109m	-	970.2m
9	3	13M	72.0u	1.349m	1.040m	7.397m
10	2	17M	82.3u	1.302m	-	986.6m
11	2	10M	73.6u	1.202m	-	1.012

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
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	7M	65.3u	1.418m	-	187.2m
2	2	16M	96.5u	954.5u	-	637.8m
3	2	12M	78.4u	1.783m	-	370.0m
4	2	7M	61.9u	1.350m	-	584.7m
5	3	9M	53.6u	1.701m	1.203m	6.814m
6	3	17M	58.8u	1.891m	1.699m	701.3m
7	2	19M	90.1u	1.720m	-	581.2m
8	2	7M	65.7u	1.446m	-	169.7m
9	2	9M	69.5u	1.345m	-	379.4m
10	1	18M	56.9u	-	-	167.8m
11	3	13M	73.2u	1.278m	988.8u	89.66m
12	1	17M	52.8u	-	-	287.9m
13	1	13M	72.1u	-	-	388.4m
14	2	10M	85.9u	1.898m	-	332.3m
15	3	19M	95.6u	1.640m	1.140m	511.2m
16	3	7M	58.1u	1.803m	1.807m	123.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	20M	58.7u	-	-	630.1m
2	3	10M	55.8u	1.352m	1.226m	444.1m
3	1	6M	86.2u	-	-	209.5m
4	2	14M	79.0u	1.227m	-	252.4m
5	3	15M	57.6u	1.107m	1.543m	119.5m
6	2	9M	70.6u	948.4u	-	840.6m
7	2	10M	97.1u	1.866m	-	539.0m
8	1	19M	65.1u	-	-	1.088
9	2	12M	96.1u	1.326m	-	30.29m
10	3	8M	81.9u	1.117m	1.100m	768.5m
11	2	15M	54.8u	1.586m	-	839.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	17M	73.5u	1.602m	-	429.4m
2	2	14M	82.9u	992.1u	-	83.06m
3	3	14M	56.8u	946.2u	1.492m	557.0m
4	1	18M	51.8u	-	-	20.98m
5	2	6M	51.3u	1.667m	-	112.3m
6	1	10M	64.2u	-	-	516.2m
7	1	11M	73.6u	-	-	58.41m
8	2	17M	82.2u	1.468m	-	490.5m
9	3	8M	72.9u	1.552m	943.1u	282.5m
10	1	20M	85.3u	-	-	245.8m
11	2	6M	56.0u	1.104m	-	33.06m
12	2	12M	96.4u	1.148m	-	121.4m
13	3	12M	86.5u	1.860m	1.375m	15.34m
14	3	15M	98.9u	1.411m	1.489m	136.7m
15	3	15M	77.2u	1.474m	1.636m	291.5m
16	2	18M	55.2u	1.792m	-	312.8m
17	2	20M	93.8u	1.469m	-	43.39m
18	2	12M	97.0u	1.877m	-	164.4m
19	2	17M	80.2u	1.129m	-	265.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
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	9M	88.1u	-	-	408.3m
2	2	10M	57.3u	1.366m	-	813.7m
3	1	8M	91.0u	-	-	328.1m
4	2	7M	90.8u	1.868m	-	988.6m
5	1	12M	85.0u	-	-	1.068
6	2	17M	82.9u	965.1u	-	508.7m
7	3	8M	89.8u	1.002m	1.876m	258.8m
8	2	9M	84.4u	1.670m	-	389.5m
9	2	14M	55.0u	1.446m	-	899.0m
10	3	15M	59.2u	1.186m	1.649m	966.5m
11	2	12M	52.9u	1.490m	-	572.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	5M	85.3u	1.484m	-	849.5m
2	3	10M	89.0u	1.581m	1.017m	576.7m
3	2	17M	92.8u	978.2u	-	875.4m
4	1	6M	86.8u	-	-	824.7m
5	2	20M	58.3u	1.004m	-	661.6m
6	2	15M	81.0u	1.124m	-	192.3m
7	2	17M	68.1u	1.708m	-	313.7m
8	2	8M	93.8u	1.355m	-	792.9m
9	2	8M	51.5u	1.763m	-	177.3m
10	2	12M	81.2u	1.660m	-	218.8m
11	1	6M	70.7u	-	-	734.9m
12	1	16M	74.3u	-	-	67.81m
13	2	5M	67.6u	1.029m	-	530.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	13M	55.7u	986.3u	1.040m	680.6m
2	2	5M	64.1u	1.712m	-	13.99m
3	1	12M	63.7u	-	-	435.1m
4	1	10M	64.3u	-	-	94.90m
5	2	5M	68.1u	1.040m	-	715.5m
6	3	20M	51.9u	1.294m	1.833m	490.3m
7	3	15M	72.9u	1.319m	1.470m	824.8m
8	2	14M	76.0u	1.503m	-	609.3m
9	2	20M	62.5u	1.125m	-	724.2m
10	2	19M	84.2u	1.122m	-	87.06m
11	1	19M	79.6u	-	-	445.7m
12	2	10M	70.9u	1.039m	-	700.3m
13	2	14M	92.9u	1.106m	-	216.8m
14	3	16M	70.2u	1.707m	1.197m	629.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
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	3	8M	55.2u	1.682m	1.680m	699.6m
2	1	15M	55.9u	-	-	29.73m
3	2	9M	74.5u	1.410m	-	503.0m
4	1	10M	74.6u	-	-	521.2m
5	2	18M	90.6u	1.634m	-	602.3m
6	2	13M	53.5u	1.604m	-	380.4m
7	1	10M	61.1u	-	-	973.1m
8	3	11M	96.1u	1.733m	1.047m	361.7m
9	2	18M	73.6u	1.337m	-	77.19m
10	3	15M	87.9u	1.359m	1.592m	795.0m
11	1	13M	71.8u	-	-	970.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	14M	65.2u	1.208m	-	105.0m
2	3	19M	84.3u	1.062m	1.679m	564.6m
3	1	8M	64.0u	-	-	268.5m
4	2	6M	71.8u	1.230m	-	564.0m
5	2	11M	54.7u	1.062m	-	650.3m
6	1	18M	58.8u	-	-	409.2m
7	3	9M	53.4u	1.757m	1.360m	202.4m
8	2	9M	63.3u	1.933m	-	638.3m
9	1	11M	75.8u	-	-	247.4m
10	2	20M	94.2u	1.412m	-	616.6m
11	3	6M	53.5u	1.197m	1.869m	211.9m
12	2	10M	50.3u	1.845m	-	539.1m
13	2	8M	71.9u	980.1u	-	467.1m
14	2	10M	54.2u	1.128m	-	29.90m
15	2	12M	90.7u	1.142m	-	192.6m
16	2	9M	50.8u	1.155m	-	81.33m
17	1	8M	66.3u	-	-	663.9m
18	3	14M	75.2u	1.258m	1.772m	646.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
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	3	18M	66.9u	1.826m	1.402m	479.5m
2	2	19M	55.1u	1.216m	-	771.5m
3	3	18M	88.9u	1.271m	1.631m	127.2m
4	1	13M	74.6u	-	-	201.1m
5	3	20M	86.3u	1.648m	1.388m	727.2m
6	1	9M	61.5u	-	-	793.0m
7	1	6M	83.8u	-	-	48.59m
8	2	11M	63.3u	1.291m	-	607.2m
9	1	16M	58.7u	-	-	226.4m
10	2	15M	89.5u	1.021m	-	224.3m
11	2	19M	88.9u	978.1u	-	188.1m
12	1	17M	53.2u	-	-	416.6m
13	3	17M	76.9u	1.002m	1.144m	696.7m
14	2	15M	86.7u	1.812m	-	180.9m
15	1	8M	93.8u	-	-	361.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
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	72.4u	950.6u	-	1.086
2	2	5M	62.5u	943.5u	-	12.53m
3	2	16M	50.8u	1.674m	-	220.3m
4	2	10M	77.7u	1.463m	-	1.106
5	3	11M	63.4u	1.167m	1.408m	1.031
6	2	8M	95.8u	1.208m	-	788.6m
7	2	10M	82.2u	1.676m	-	64.37m
8	1	9M	94.5u	-	-	103.6m
9	3	17M	91.1u	1.728m	1.630m	153.6m
10	2	11M	56.9u	973.1u	-	981.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
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	7M	71.8u	-	-	496.0m
2	3	18M	77.5u	1.654m	944.5u	84.57m
3	3	8M	57.3u	1.312m	963.7u	49.72m
4	2	8M	71.2u	1.397m	-	252.8m
5	1	9M	65.7u	-	-	375.7m
6	2	5M	93.3u	1.053m	-	108.4m
7	3	18M	76.6u	1.627m	1.070m	340.3m
8	2	16M	56.7u	1.602m	-	87.83m
9	2	16M	56.0u	1.421m	-	588.8m
10	2	6M	96.7u	1.786m	-	155.8m
11	3	10M	88.4u	1.867m	1.160m	108.1m
12	2	5M	76.3u	1.171m	-	90.55m
13	2	17M	66.6u	998.4u	-	358.2m
14	3	18M	69.9u	1.476m	1.327m	286.4m
15	2	7M	85.2u	1.378m	-	385.2m
16	2	13M	84.1u	961.9u	-	12.15m
17	2	10M	79.3u	1.862m	-	431.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	9M	77.3u	1.814m	-	158.8m
2	2	12M	77.2u	1.379m	-	195.0m
3	2	9M	90.8u	1.797m	-	405.3m
4	2	9M	77.7u	1.719m	-	318.7m
5	2	15M	64.9u	1.771m	-	41.07m
6	1	12M	61.5u	-	-	257.2m
7	2	14M	83.7u	1.577m	-	188.7m
8	1	7M	55.7u	-	-	388.7m
9	3	8M	54.4u	1.547m	1.603m	360.3m
10	3	18M	92.1u	1.350m	1.258m	301.0m
11	3	12M	93.8u	1.006m	1.045m	187.4m
12	2	9M	50.7u	1.162m	-	79.12m
13	2	16M	74.9u	932.1u	-	472.6m
14	1	7M	84.0u	-	-	533.8m
15	2	12M	74.2u	1.552m	-	185.7m
16	2	7M	87.0u	1.574m	-	218.5m
17	3	19M	95.6u	1.783m	1.003m	418.7m
18	1	16M	91.0u	-	-	27.62m
19	2	7M	99.5u	1.055m	-	283.6m
20	3	13M	96.3u	1.535m	1.128m	473.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
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	9M	87.0u	1.293m	-	986.5m
2	2	17M	61.9u	1.300m	-	675.0m
3	2	16M	72.6u	1.356m	-	647.2m
4	2	8M	60.0u	1.642m	-	168.1m
5	3	15M	66.2u	1.337m	1.857m	27.69m
6	1	17M	74.2u	-	-	783.0m
7	1	11M	71.4u	-	-	557.2m
8	2	17M	87.8u	1.187m	-	876.5m
9	3	8M	76.1u	1.536m	1.191m	348.4m
10	2	6M	89.6u	1.605m	-	446.5m
11	2	13M	66.8u	1.308m	-	202.3m

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	5.321G	2	5.549G	3	5.475G	4	5.548G
5	5.558G	6	5.669G	7	5.474G	8	5.711G
9	5.685G	10	5.540G	11	5.280G	12	5.660G
13	5.542G	14	5.343G	15	5.533G	16	5.512G
17	5.700G	18	5.410G	19	5.322G	20	5.713G
21	5.386G	22	5.601G	23	5.365G	24	5.652G
25	5.379G	26	5.702G	27	5.370G	28	5.357G
29	5.719G	30	5.289G	31	5.407G	32	5.723G
33	5.389G	34	5.654G	35	5.358G	36	5.330G
37	5.689G	38	5.588G	39	5.605G	40	5.538G
41	5.415G	42	5.672G	43	5.307G	44	5.472G
45	5.683G	46	5.610G	47	5.413G	48	5.596G
49	5.414G	50	5.639G	51	5.346G	52	5.626G
53	5.294G	54	5.378G	55	5.332G	56	5.625G
57	5.516G	58	5.493G	59	5.631G	60	5.444G
61	5.351G	62	5.425G	63	5.404G	64	5.418G
65	5.529G	66	5.344G	67	5.604G	68	5.507G
69	5.707G	70	5.602G	71	5.329G	72	5.484G
73	5.637G	74	5.644G	75	5.571G	76	5.408G
77	5.362G	78	5.448G	79	5.622G	80	5.518G
81	5.545G	82	5.550G	83	5.445G	84	5.520G
85	5.593G	86	5.306G	87	5.427G	88	5.335G
89	5.590G	90	5.278G	91	5.703G	92	5.488G
93	5.449G	94	5.385G	95	5.482G	96	5.387G
97	5.679G	98	5.309G	99	5.420G	100	5.656G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.484G	2	5.410G	3	5.526G	4	5.354G
5	5.571G	6	5.559G	7	5.579G	8	5.582G
9	5.394G	10	5.318G	11	5.563G	12	5.358G
13	5.342G	14	5.423G	15	5.397G	16	5.271G
17	5.502G	18	5.631G	19	5.505G	20	5.707G
21	5.413G	22	5.276G	23	5.439G	24	5.517G
25	5.649G	26	5.333G	27	5.428G	28	5.390G
29	5.308G	30	5.289G	31	5.520G	32	5.252G
33	5.471G	34	5.408G	35	5.666G	36	5.453G
37	5.431G	38	5.695G	39	5.278G	40	5.717G
41	5.565G	42	5.515G	43	5.476G	44	5.639G
45	5.550G	46	5.546G	47	5.635G	48	5.675G
49	5.684G	50	5.309G	51	5.593G	52	5.277G
53	5.293G	54	5.273G	55	5.646G	56	5.514G
57	5.623G	58	5.655G	59	5.665G	60	5.551G
61	5.529G	62	5.711G	63	5.576G	64	5.712G
65	5.275G	66	5.474G	67	5.581G	68	5.714G
69	5.465G	70	5.696G	71	5.710G	72	5.468G
73	5.334G	74	5.403G	75	5.653G	76	5.281G
77	5.679G	78	5.587G	79	5.671G	80	5.607G
81	5.301G	82	5.437G	83	5.481G	84	5.391G
85	5.270G	86	5.689G	87	5.723G	88	5.535G
89	5.643G	90	5.480G	91	5.264G	92	5.383G
93	5.632G	94	5.647G	95	5.561G	96	5.470G
97	5.638G	98	5.414G	99	5.253G	100	5.612G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.392G	2	5.473G	3	5.635G	4	5.577G
5	5.481G	6	5.584G	7	5.684G	8	5.669G
9	5.719G	10	5.271G	11	5.388G	12	5.408G
13	5.313G	14	5.384G	15	5.391G	16	5.723G
17	5.253G	18	5.606G	19	5.372G	20	5.266G
21	5.581G	22	5.630G	23	5.374G	24	5.385G
25	5.352G	26	5.514G	27	5.349G	28	5.335G
29	5.418G	30	5.506G	31	5.394G	32	5.579G
33	5.611G	34	5.721G	35	5.259G	36	5.350G
37	5.494G	38	5.453G	39	5.486G	40	5.644G
41	5.677G	42	5.272G	43	5.436G	44	5.353G
45	5.676G	46	5.628G	47	5.354G	48	5.601G
49	5.264G	50	5.519G	51	5.386G	52	5.286G
53	5.257G	54	5.672G	55	5.555G	56	5.304G
57	5.693G	58	5.482G	59	5.528G	60	5.529G
61	5.549G	62	5.553G	63	5.569G	64	5.637G
65	5.602G	66	5.578G	67	5.491G	68	5.541G
69	5.504G	70	5.675G	71	5.562G	72	5.554G
73	5.318G	74	5.538G	75	5.299G	76	5.402G
77	5.618G	78	5.414G	79	5.527G	80	5.488G
81	5.524G	82	5.661G	83	5.342G	84	5.508G
85	5.472G	86	5.412G	87	5.346G	88	5.593G
89	5.312G	90	5.411G	91	5.285G	92	5.696G
93	5.624G	94	5.413G	95	5.638G	96	5.474G
97	5.363G	98	5.316G	99	5.537G	100	5.591G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.492G	2	5.449G	3	5.510G	4	5.383G
5	5.262G	6	5.678G	7	5.679G	8	5.460G
9	5.703G	10	5.643G	11	5.589G	12	5.721G
13	5.709G	14	5.484G	15	5.278G	16	5.319G
17	5.686G	18	5.502G	19	5.664G	20	5.430G
21	5.317G	22	5.698G	23	5.641G	24	5.362G
25	5.315G	26	5.370G	27	5.356G	28	5.355G
29	5.364G	30	5.445G	31	5.588G	32	5.431G
33	5.675G	34	5.386G	35	5.594G	36	5.414G
37	5.684G	38	5.465G	39	5.486G	40	5.573G
41	5.544G	42	5.597G	43	5.576G	44	5.423G
45	5.354G	46	5.581G	47	5.596G	48	5.714G
49	5.616G	50	5.545G	51	5.296G	52	5.266G
53	5.463G	54	5.606G	55	5.385G	56	5.689G
57	5.564G	58	5.700G	59	5.655G	60	5.609G
61	5.348G	62	5.313G	63	5.417G	64	5.341G
65	5.254G	66	5.568G	67	5.418G	68	5.478G
69	5.623G	70	5.674G	71	5.614G	72	5.409G
73	5.410G	74	5.605G	75	5.277G	76	5.511G
77	5.372G	78	5.712G	79	5.398G	80	5.295G
81	5.261G	82	5.701G	83	5.330G	84	5.696G
85	5.593G	86	5.428G	87	5.461G	88	5.551G
89	5.323G	90	5.367G	91	5.285G	92	5.301G
93	5.402G	94	5.422G	95	5.366G	96	5.692G
97	5.374G	98	5.585G	99	5.342G	100	5.363G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.252G	2	5.616G	3	5.631G	4	5.518G
5	5.646G	6	5.587G	7	5.542G	8	5.434G
9	5.354G	10	5.667G	11	5.712G	12	5.289G
13	5.266G	14	5.674G	15	5.348G	16	5.694G
17	5.350G	18	5.393G	19	5.455G	20	5.618G
21	5.511G	22	5.689G	23	5.432G	24	5.596G
25	5.388G	26	5.458G	27	5.263G	28	5.638G
29	5.553G	30	5.492G	31	5.414G	32	5.303G
33	5.472G	34	5.648G	35	5.401G	36	5.493G
37	5.321G	38	5.257G	39	5.433G	40	5.402G
41	5.510G	42	5.294G	43	5.634G	44	5.503G
45	5.419G	46	5.597G	47	5.369G	48	5.529G
49	5.521G	50	5.391G	51	5.446G	52	5.696G
53	5.568G	54	5.703G	55	5.276G	56	5.547G
57	5.379G	58	5.683G	59	5.705G	60	5.711G
61	5.501G	62	5.532G	63	5.595G	64	5.545G
65	5.269G	66	5.272G	67	5.477G	68	5.591G
69	5.654G	70	5.635G	71	5.370G	72	5.702G
73	5.340G	74	5.377G	75	5.691G	76	5.708G
77	5.283G	78	5.586G	79	5.282G	80	5.512G
81	5.351G	82	5.469G	83	5.421G	84	5.717G
85	5.287G	86	5.398G	87	5.359G	88	5.710G
89	5.536G	90	5.337G	91	5.256G	92	5.288G
93	5.625G	94	5.641G	95	5.653G	96	5.271G
97	5.371G	98	5.592G	99	5.424G	100	5.454G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.407G	3	5.541G	4	5.606G
5	5.500G	6	5.643G	7	5.535G	8	5.654G
9	5.674G	10	5.411G	11	5.375G	12	5.582G
13	5.502G	14	5.472G	15	5.536G	16	5.620G
17	5.693G	18	5.322G	19	5.431G	20	5.619G
21	5.254G	22	5.626G	23	5.320G	24	5.437G
25	5.421G	26	5.406G	27	5.608G	28	5.312G
29	5.598G	30	5.380G	31	5.339G	32	5.637G
33	5.663G	34	5.596G	35	5.539G	36	5.545G
37	5.551G	38	5.471G	39	5.313G	40	5.687G
41	5.622G	42	5.464G	43	5.465G	44	5.479G
45	5.627G	46	5.462G	47	5.457G	48	5.482G
49	5.351G	50	5.384G	51	5.646G	52	5.520G
53	5.368G	54	5.590G	55	5.670G	56	5.503G
57	5.289G	58	5.649G	59	5.497G	60	5.354G
61	5.710G	62	5.577G	63	5.385G	64	5.698G
65	5.377G	66	5.360G	67	5.716G	68	5.288G
69	5.439G	70	5.639G	71	5.374G	72	5.647G
73	5.283G	74	5.611G	75	5.481G	76	5.509G
77	5.711G	78	5.260G	79	5.280G	80	5.292G
81	5.688G	82	5.394G	83	5.388G	84	5.293G
85	5.614G	86	5.487G	87	5.519G	88	5.568G
89	5.668G	90	5.353G	91	5.361G	92	5.408G
93	5.279G	94	5.425G	95	5.454G	96	5.389G
97	5.447G	98	5.352G	99	5.526G	100	5.378G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.606G	2	5.341G	3	5.681G	4	5.433G
5	5.636G	6	5.360G	7	5.416G	8	5.287G
9	5.503G	10	5.302G	11	5.385G	12	5.720G
13	5.437G	14	5.417G	15	5.273G	16	5.444G
17	5.349G	18	5.299G	19	5.344G	20	5.290G
21	5.346G	22	5.269G	23	5.453G	24	5.574G
25	5.310G	26	5.414G	27	5.610G	28	5.639G
29	5.631G	30	5.277G	31	5.556G	32	5.252G
33	5.292G	34	5.322G	35	5.473G	36	5.539G
37	5.403G	38	5.278G	39	5.642G	40	5.471G
41	5.583G	42	5.672G	43	5.721G	44	5.533G
45	5.448G	46	5.450G	47	5.692G	48	5.487G
49	5.352G	50	5.449G	51	5.581G	52	5.430G
53	5.323G	54	5.263G	55	5.328G	56	5.463G
57	5.440G	58	5.655G	59	5.521G	60	5.560G
61	5.262G	62	5.480G	63	5.695G	64	5.380G
65	5.591G	66	5.283G	67	5.272G	68	5.525G
69	5.426G	70	5.588G	71	5.506G	72	5.350G
73	5.438G	74	5.457G	75	5.451G	76	5.600G
77	5.593G	78	5.509G	79	5.435G	80	5.250G
81	5.347G	82	5.348G	83	5.634G	84	5.429G
85	5.716G	86	5.580G	87	5.298G	88	5.544G
89	5.455G	90	5.301G	91	5.372G	92	5.527G
93	5.300G	94	5.645G	95	5.621G	96	5.400G
97	5.402G	98	5.459G	99	5.643G	100	5.704G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.293G	2	5.680G	3	5.366G	4	5.381G
5	5.707G	6	5.435G	7	5.413G	8	5.611G
9	5.577G	10	5.416G	11	5.521G	12	5.400G
13	5.372G	14	5.302G	15	5.335G	16	5.300G
17	5.655G	18	5.696G	19	5.506G	20	5.691G
21	5.474G	22	5.321G	23	5.445G	24	5.292G
25	5.329G	26	5.419G	27	5.286G	28	5.288G
29	5.557G	30	5.254G	31	5.517G	32	5.683G
33	5.692G	34	5.538G	35	5.541G	36	5.408G
37	5.371G	38	5.700G	39	5.283G	40	5.294G
41	5.548G	42	5.505G	43	5.497G	44	5.315G
45	5.369G	46	5.465G	47	5.634G	48	5.642G
49	5.324G	50	5.473G	51	5.463G	52	5.383G
53	5.660G	54	5.406G	55	5.606G	56	5.535G
57	5.628G	58	5.665G	59	5.488G	60	5.431G
61	5.399G	62	5.360G	63	5.499G	64	5.376G
65	5.492G	66	5.522G	67	5.546G	68	5.571G
69	5.649G	70	5.675G	71	5.355G	72	5.456G
73	5.688G	74	5.320G	75	5.340G	76	5.442G
77	5.644G	78	5.662G	79	5.404G	80	5.382G
81	5.507G	82	5.438G	83	5.593G	84	5.705G
85	5.701G	86	5.452G	87	5.271G	88	5.609G
89	5.322G	90	5.273G	91	5.295G	92	5.356G
93	5.668G	94	5.617G	95	5.279G	96	5.415G
97	5.572G	98	5.466G	99	5.552G	100	5.695G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.650G	2	5.441G	3	5.434G	4	5.488G
5	5.629G	6	5.418G	7	5.651G	8	5.598G
9	5.676G	10	5.708G	11	5.423G	12	5.568G
13	5.595G	14	5.288G	15	5.684G	16	5.541G
17	5.267G	18	5.592G	19	5.534G	20	5.529G
21	5.669G	22	5.572G	23	5.454G	24	5.484G
25	5.274G	26	5.285G	27	5.681G	28	5.300G
29	5.398G	30	5.455G	31	5.450G	32	5.381G
33	5.496G	34	5.594G	35	5.399G	36	5.350G
37	5.698G	38	5.662G	39	5.411G	40	5.290G
41	5.512G	42	5.498G	43	5.424G	44	5.487G
45	5.436G	46	5.347G	47	5.700G	48	5.538G
49	5.599G	50	5.630G	51	5.566G	52	5.442G
53	5.400G	54	5.722G	55	5.702G	56	5.407G
57	5.393G	58	5.689G	59	5.604G	60	5.507G
61	5.438G	62	5.503G	63	5.311G	64	5.385G
65	5.621G	66	5.561G	67	5.609G	68	5.439G
69	5.391G	70	5.494G	71	5.452G	72	5.312G
73	5.273G	74	5.655G	75	5.597G	76	5.462G
77	5.262G	78	5.552G	79	5.606G	80	5.524G
81	5.580G	82	5.653G	83	5.382G	84	5.255G
85	5.281G	86	5.360G	87	5.555G	88	5.515G
89	5.473G	90	5.301G	91	5.330G	92	5.717G
93	5.335G	94	5.602G	95	5.383G	96	5.422G
97	5.315G	98	5.706G	99	5.660G	100	5.427G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.500G	2	5.415G	3	5.511G	4	5.462G
5	5.710G	6	5.631G	7	5.258G	8	5.405G
9	5.325G	10	5.445G	11	5.426G	12	5.705G
13	5.645G	14	5.600G	15	5.417G	16	5.647G
17	5.640G	18	5.353G	19	5.687G	20	5.713G
21	5.539G	22	5.603G	23	5.485G	24	5.658G
25	5.418G	26	5.457G	27	5.548G	28	5.478G
29	5.272G	30	5.450G	31	5.599G	32	5.503G
33	5.507G	34	5.395G	35	5.473G	36	5.475G
37	5.312G	38	5.273G	39	5.421G	40	5.410G
41	5.467G	42	5.516G	43	5.287G	44	5.274G
45	5.374G	46	5.633G	47	5.648G	48	5.441G
49	5.635G	50	5.327G	51	5.314G	52	5.589G
53	5.323G	54	5.625G	55	5.379G	56	5.382G
57	5.422G	58	5.680G	59	5.419G	60	5.609G
61	5.392G	62	5.575G	63	5.554G	64	5.465G
65	5.376G	66	5.524G	67	5.306G	68	5.506G
69	5.691G	70	5.318G	71	5.535G	72	5.328G
73	5.670G	74	5.655G	75	5.580G	76	5.277G
77	5.254G	78	5.317G	79	5.264G	80	5.407G
81	5.463G	82	5.257G	83	5.694G	84	5.558G
85	5.502G	86	5.324G	87	5.471G	88	5.461G
89	5.291G	90	5.586G	91	5.414G	92	5.583G
93	5.508G	94	5.268G	95	5.651G	96	5.330G
97	5.311G	98	5.343G	99	5.533G	100	5.289G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.629G	2	5.449G	3	5.508G	4	5.670G
5	5.268G	6	5.555G	7	5.655G	8	5.380G
9	5.699G	10	5.521G	11	5.297G	12	5.427G
13	5.545G	14	5.708G	15	5.263G	16	5.437G
17	5.382G	18	5.557G	19	5.611G	20	5.721G
21	5.264G	22	5.479G	23	5.447G	24	5.707G
25	5.343G	26	5.428G	27	5.696G	28	5.601G
29	5.323G	30	5.610G	31	5.255G	32	5.425G
33	5.455G	34	5.663G	35	5.724G	36	5.572G
37	5.591G	38	5.580G	39	5.662G	40	5.588G
41	5.544G	42	5.577G	43	5.565G	44	5.417G
45	5.340G	46	5.617G	47	5.291G	48	5.282G
49	5.439G	50	5.678G	51	5.273G	52	5.634G
53	5.327G	54	5.562G	55	5.667G	56	5.321G
57	5.538G	58	5.689G	59	5.669G	60	5.673G
61	5.290G	62	5.541G	63	5.507G	64	5.616G
65	5.682G	66	5.578G	67	5.332G	68	5.336G
69	5.650G	70	5.432G	71	5.631G	72	5.683G
73	5.419G	74	5.411G	75	5.528G	76	5.556G
77	5.358G	78	5.351G	79	5.408G	80	5.472G
81	5.412G	82	5.719G	83	5.420G	84	5.328G
85	5.624G	86	5.353G	87	5.460G	88	5.703G
89	5.392G	90	5.686G	91	5.637G	92	5.462G
93	5.429G	94	5.253G	95	5.399G	96	5.450G
97	5.592G	98	5.593G	99	5.506G	100	5.690G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.429G	2	5.256G	3	5.693G	4	5.335G
5	5.634G	6	5.573G	7	5.342G	8	5.502G
9	5.434G	10	5.671G	11	5.558G	12	5.593G
13	5.474G	14	5.643G	15	5.436G	16	5.365G
17	5.280G	18	5.440G	19	5.548G	20	5.538G
21	5.637G	22	5.466G	23	5.715G	24	5.564G
25	5.620G	26	5.577G	27	5.682G	28	5.599G
29	5.638G	30	5.583G	31	5.363G	32	5.515G
33	5.276G	34	5.617G	35	5.336G	36	5.591G
37	5.678G	38	5.325G	39	5.686G	40	5.481G
41	5.376G	42	5.539G	43	5.582G	44	5.379G
45	5.289G	46	5.536G	47	5.340G	48	5.537G
49	5.374G	50	5.597G	51	5.422G	52	5.563G
53	5.301G	54	5.513G	55	5.692G	56	5.509G
57	5.505G	58	5.324G	59	5.420G	60	5.346G
61	5.672G	62	5.392G	63	5.590G	64	5.646G
65	5.561G	66	5.438G	67	5.443G	68	5.487G
69	5.519G	70	5.298G	71	5.321G	72	5.375G
73	5.404G	74	5.356G	75	5.277G	76	5.465G
77	5.427G	78	5.327G	79	5.344G	80	5.381G
81	5.452G	82	5.297G	83	5.552G	84	5.435G
85	5.425G	86	5.315G	87	5.476G	88	5.623G
89	5.512G	90	5.408G	91	5.670G	92	5.385G
93	5.661G	94	5.339G	95	5.546G	96	5.556G
97	5.576G	98	5.473G	99	5.595G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.573G	2	5.472G	3	5.435G	4	5.285G
5	5.708G	6	5.423G	7	5.636G	8	5.478G
9	5.422G	10	5.542G	11	5.669G	12	5.397G
13	5.403G	14	5.589G	15	5.321G	16	5.526G
17	5.445G	18	5.408G	19	5.625G	20	5.661G
21	5.319G	22	5.598G	23	5.275G	24	5.459G
25	5.715G	26	5.576G	27	5.685G	28	5.433G
29	5.567G	30	5.693G	31	5.427G	32	5.412G
33	5.595G	34	5.463G	35	5.555G	36	5.616G
37	5.509G	38	5.383G	39	5.570G	40	5.675G
41	5.559G	42	5.392G	43	5.264G	44	5.335G
45	5.402G	46	5.481G	47	5.521G	48	5.362G
49	5.604G	50	5.501G	51	5.540G	52	5.523G
53	5.714G	54	5.273G	55	5.569G	56	5.298G
57	5.703G	58	5.331G	59	5.339G	60	5.632G
61	5.446G	62	5.532G	63	5.382G	64	5.330G
65	5.253G	66	5.485G	67	5.261G	68	5.456G
69	5.668G	70	5.543G	71	5.280G	72	5.388G
73	5.649G	74	5.286G	75	5.554G	76	5.679G
77	5.709G	78	5.269G	79	5.581G	80	5.662G
81	5.613G	82	5.646G	83	5.705G	84	5.432G
85	5.549G	86	5.724G	87	5.697G	88	5.355G
89	5.334G	90	5.655G	91	5.645G	92	5.429G
93	5.365G	94	5.477G	95	5.638G	96	5.594G
97	5.350G	98	5.608G	99	5.278G	100	5.663G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.536G	2	5.600G	3	5.532G	4	5.707G
5	5.255G	6	5.688G	7	5.364G	8	5.349G
9	5.494G	10	5.596G	11	5.319G	12	5.590G
13	5.629G	14	5.659G	15	5.717G	16	5.526G
17	5.273G	18	5.448G	19	5.575G	20	5.358G
21	5.669G	22	5.343G	23	5.565G	24	5.324G
25	5.605G	26	5.573G	27	5.363G	28	5.634G
29	5.422G	30	5.455G	31	5.615G	32	5.588G
33	5.661G	34	5.552G	35	5.542G	36	5.616G
37	5.453G	38	5.420G	39	5.316G	40	5.275G
41	5.318G	42	5.446G	43	5.571G	44	5.251G
45	5.569G	46	5.350G	47	5.614G	48	5.521G
49	5.473G	50	5.687G	51	5.390G	52	5.505G
53	5.291G	54	5.686G	55	5.709G	56	5.339G
57	5.332G	58	5.653G	59	5.308G	60	5.372G
61	5.277G	62	5.555G	63	5.481G	64	5.301G
65	5.548G	66	5.286G	67	5.627G	68	5.460G
69	5.624G	70	5.353G	71	5.497G	72	5.544G
73	5.435G	74	5.361G	75	5.470G	76	5.440G
77	5.479G	78	5.303G	79	5.346G	80	5.608G
81	5.362G	82	5.576G	83	5.289G	84	5.367G
85	5.304G	86	5.572G	87	5.359G	88	5.724G
89	5.278G	90	5.254G	91	5.384G	92	5.400G
93	5.668G	94	5.413G	95	5.528G	96	5.484G
97	5.377G	98	5.416G	99	5.563G	100	5.507G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.602G	2	5.365G	3	5.665G	4	5.641G
5	5.258G	6	5.622G	7	5.339G	8	5.326G
9	5.266G	10	5.710G	11	5.414G	12	5.517G
13	5.606G	14	5.513G	15	5.671G	16	5.649G
17	5.603G	18	5.463G	19	5.663G	20	5.707G
21	5.453G	22	5.604G	23	5.290G	24	5.397G
25	5.443G	26	5.637G	27	5.441G	28	5.395G
29	5.612G	30	5.675G	31	5.709G	32	5.313G
33	5.587G	34	5.291G	35	5.400G	36	5.263G
37	5.657G	38	5.260G	39	5.561G	40	5.466G
41	5.544G	42	5.253G	43	5.497G	44	5.655G
45	5.451G	46	5.361G	47	5.491G	48	5.423G
49	5.392G	50	5.717G	51	5.571G	52	5.599G
53	5.281G	54	5.350G	55	5.596G	56	5.480G
57	5.640G	58	5.691G	59	5.287G	60	5.575G
61	5.569G	62	5.317G	63	5.362G	64	5.293G
65	5.555G	66	5.515G	67	5.446G	68	5.626G
69	5.439G	70	5.325G	71	5.681G	72	5.628G
73	5.696G	74	5.376G	75	5.301G	76	5.724G
77	5.638G	78	5.276G	79	5.590G	80	5.440G
81	5.617G	82	5.685G	83	5.702G	84	5.308G
85	5.719G	86	5.394G	87	5.444G	88	5.703G
89	5.345G	90	5.613G	91	5.417G	92	5.459G
93	5.504G	94	5.658G	95	5.564G	96	5.391G
97	5.567G	98	5.442G	99	5.528G	100	5.623G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.501G	2	5.273G	3	5.607G	4	5.342G
5	5.337G	6	5.567G	7	5.457G	8	5.455G
9	5.617G	10	5.407G	11	5.633G	12	5.717G
13	5.428G	14	5.416G	15	5.405G	16	5.622G
17	5.675G	18	5.432G	19	5.588G	20	5.520G
21	5.553G	22	5.650G	23	5.699G	24	5.573G
25	5.522G	26	5.467G	27	5.329G	28	5.250G
29	5.338G	30	5.440G	31	5.279G	32	5.585G
33	5.563G	34	5.390G	35	5.429G	36	5.703G
37	5.715G	38	5.330G	39	5.313G	40	5.309G
41	5.481G	42	5.492G	43	5.596G	44	5.300G
45	5.270G	46	5.360G	47	5.395G	48	5.402G
49	5.298G	50	5.632G	51	5.368G	52	5.421G
53	5.524G	54	5.303G	55	5.638G	56	5.286G
57	5.299G	58	5.442G	59	5.631G	60	5.637G
61	5.464G	62	5.462G	63	5.539G	64	5.259G
65	5.328G	66	5.554G	67	5.413G	68	5.325G
69	5.683G	70	5.406G	71	5.528G	72	5.609G
73	5.516G	74	5.668G	75	5.696G	76	5.444G
77	5.321G	78	5.484G	79	5.308G	80	5.307G
81	5.705G	82	5.324G	83	5.381G	84	5.454G
85	5.476G	86	5.426G	87	5.595G	88	5.276G
89	5.697G	90	5.498G	91	5.283G	92	5.663G
93	5.391G	94	5.317G	95	5.589G	96	5.500G
97	5.568G	98	5.612G	99	5.355G	100	5.704G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.669G	2	5.477G	3	5.504G	4	5.497G
5	5.254G	6	5.555G	7	5.438G	8	5.580G
9	5.622G	10	5.520G	11	5.722G	12	5.693G
13	5.719G	14	5.367G	15	5.306G	16	5.620G
17	5.257G	18	5.322G	19	5.506G	20	5.448G
21	5.386G	22	5.607G	23	5.463G	24	5.689G
25	5.415G	26	5.288G	27	5.706G	28	5.307G
29	5.582G	30	5.639G	31	5.723G	32	5.541G
33	5.591G	34	5.300G	35	5.464G	36	5.324G
37	5.670G	38	5.717G	39	5.474G	40	5.714G
41	5.388G	42	5.588G	43	5.358G	44	5.527G
45	5.476G	46	5.323G	47	5.373G	48	5.564G
49	5.375G	50	5.492G	51	5.487G	52	5.457G
53	5.544G	54	5.443G	55	5.363G	56	5.649G
57	5.629G	58	5.521G	59	5.281G	60	5.469G
61	5.321G	62	5.703G	63	5.277G	64	5.465G
65	5.264G	66	5.634G	67	5.532G	68	5.643G
69	5.351G	70	5.705G	71	5.538G	72	5.638G
73	5.261G	74	5.656G	75	5.716G	76	5.700G
77	5.546G	78	5.686G	79	5.688G	80	5.472G
81	5.617G	82	5.374G	83	5.290G	84	5.385G
85	5.609G	86	5.550G	87	5.414G	88	5.612G
89	5.271G	90	5.698G	91	5.657G	92	5.423G
93	5.644G	94	5.361G	95	5.450G	96	5.587G
97	5.419G	98	5.372G	99	5.310G	100	5.613G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.723G	2	5.558G	3	5.340G	4	5.708G
5	5.253G	6	5.676G	7	5.333G	8	5.582G
9	5.630G	10	5.621G	11	5.658G	12	5.251G
13	5.363G	14	5.320G	15	5.633G	16	5.701G
17	5.265G	18	5.650G	19	5.618G	20	5.447G
21	5.627G	22	5.437G	23	5.659G	24	5.721G
25	5.323G	26	5.343G	27	5.663G	28	5.649G
29	5.638G	30	5.270G	31	5.571G	32	5.664G
33	5.511G	34	5.252G	35	5.456G	36	5.399G
37	5.545G	38	5.673G	39	5.314G	40	5.298G
41	5.602G	42	5.646G	43	5.600G	44	5.469G
45	5.528G	46	5.561G	47	5.576G	48	5.522G
49	5.660G	50	5.577G	51	5.394G	52	5.366G
53	5.277G	54	5.619G	55	5.368G	56	5.551G
57	5.557G	58	5.280G	59	5.443G	60	5.698G
61	5.689G	62	5.691G	63	5.266G	64	5.433G
65	5.375G	66	5.703G	67	5.397G	68	5.385G
69	5.642G	70	5.484G	71	5.250G	72	5.356G
73	5.555G	74	5.347G	75	5.352G	76	5.279G
77	5.360G	78	5.377G	79	5.566G	80	5.393G
81	5.541G	82	5.413G	83	5.327G	84	5.603G
85	5.548G	86	5.271G	87	5.414G	88	5.713G
89	5.494G	90	5.671G	91	5.431G	92	5.529G
93	5.656G	94	5.670G	95	5.291G	96	5.423G
97	5.504G	98	5.361G	99	5.396G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.590G	2	5.400G	3	5.459G	4	5.408G
5	5.649G	6	5.299G	7	5.361G	8	5.403G
9	5.293G	10	5.576G	11	5.275G	12	5.721G
13	5.499G	14	5.410G	15	5.461G	16	5.514G
17	5.578G	18	5.341G	19	5.525G	20	5.305G
21	5.678G	22	5.575G	23	5.273G	24	5.584G
25	5.430G	26	5.585G	27	5.573G	28	5.376G
29	5.562G	30	5.616G	31	5.644G	32	5.389G
33	5.638G	34	5.538G	35	5.381G	36	5.287G
37	5.469G	38	5.312G	39	5.711G	40	5.455G
41	5.654G	42	5.554G	43	5.331G	44	5.369G
45	5.592G	46	5.386G	47	5.474G	48	5.604G
49	5.384G	50	5.687G	51	5.250G	52	5.251G
53	5.537G	54	5.613G	55	5.674G	56	5.484G
57	5.479G	58	5.434G	59	5.606G	60	5.492G
61	5.464G	62	5.391G	63	5.552G	64	5.506G
65	5.366G	66	5.657G	67	5.274G	68	5.650G
69	5.648G	70	5.583G	71	5.588G	72	5.666G
73	5.612G	74	5.494G	75	5.418G	76	5.553G
77	5.518G	78	5.560G	79	5.295G	80	5.695G
81	5.319G	82	5.261G	83	5.412G	84	5.383G
85	5.587G	86	5.466G	87	5.698G	88	5.350G
89	5.289G	90	5.445G	91	5.710G	92	5.284G
93	5.285G	94	5.591G	95	5.706G	96	5.264G
97	5.565G	98	5.409G	99	5.335G	100	5.723G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.354G	3	5.349G	4	5.250G
5	5.398G	6	5.615G	7	5.407G	8	5.567G
9	5.456G	10	5.422G	11	5.604G	12	5.520G
13	5.648G	14	5.284G	15	5.641G	16	5.260G
17	5.570G	18	5.385G	19	5.288G	20	5.519G
21	5.342G	22	5.661G	23	5.662G	24	5.408G
25	5.458G	26	5.480G	27	5.330G	28	5.521G
29	5.258G	30	5.294G	31	5.287G	32	5.686G
33	5.416G	34	5.534G	35	5.590G	36	5.335G
37	5.627G	38	5.404G	39	5.253G	40	5.585G
41	5.574G	42	5.455G	43	5.380G	44	5.399G
45	5.719G	46	5.620G	47	5.300G	48	5.362G
49	5.499G	50	5.605G	51	5.690G	52	5.541G
53	5.587G	54	5.447G	55	5.675G	56	5.266G
57	5.400G	58	5.608G	59	5.549G	60	5.346G
61	5.278G	62	5.670G	63	5.351G	64	5.717G
65	5.444G	66	5.353G	67	5.638G	68	5.273G
69	5.426G	70	5.518G	71	5.320G	72	5.509G
73	5.718G	74	5.513G	75	5.429G	76	5.463G
77	5.628G	78	5.298G	79	5.723G	80	5.636G
81	5.631G	82	5.523G	83	5.441G	84	5.559G
85	5.501G	86	5.355G	87	5.512G	88	5.440G
89	5.651G	90	5.365G	91	5.568G	92	5.251G
93	5.459G	94	5.265G	95	5.724G	96	5.682G
97	5.516G	98	5.461G	99	5.442G	100	5.669G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.527G	2	5.662G	3	5.413G	4	5.697G
5	5.350G	6	5.328G	7	5.689G	8	5.609G
9	5.404G	10	5.693G	11	5.627G	12	5.460G
13	5.540G	14	5.515G	15	5.686G	16	5.518G
17	5.624G	18	5.254G	19	5.333G	20	5.574G
21	5.565G	22	5.651G	23	5.607G	24	5.335G
25	5.317G	26	5.649G	27	5.403G	28	5.444G
29	5.445G	30	5.568G	31	5.470G	32	5.541G
33	5.504G	34	5.308G	35	5.549G	36	5.580G
37	5.353G	38	5.331G	39	5.419G	40	5.484G
41	5.644G	42	5.543G	43	5.547G	44	5.534G
45	5.366G	46	5.474G	47	5.290G	48	5.373G
49	5.707G	50	5.655G	51	5.611G	52	5.716G
53	5.409G	54	5.509G	55	5.487G	56	5.430G
57	5.483G	58	5.546G	59	5.681G	60	5.359G
61	5.341G	62	5.433G	63	5.559G	64	5.342G
65	5.723G	66	5.571G	67	5.363G	68	5.379G
69	5.310G	70	5.336G	71	5.340G	72	5.586G
73	5.436G	74	5.476G	75	5.276G	76	5.669G
77	5.526G	78	5.535G	79	5.634G	80	5.596G
81	5.588G	82	5.438G	83	5.641G	84	5.614G
85	5.714G	86	5.463G	87	5.623G	88	5.384G
89	5.682G	90	5.517G	91	5.622G	92	5.721G
93	5.263G	94	5.297G	95	5.713G	96	5.589G
97	5.284G	98	5.617G	99	5.265G	100	5.354G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.538G	2	5.596G	3	5.323G	4	5.651G
5	5.571G	6	5.282G	7	5.402G	8	5.537G
9	5.512G	10	5.465G	11	5.634G	12	5.492G
13	5.470G	14	5.674G	15	5.471G	16	5.367G
17	5.351G	18	5.629G	19	5.663G	20	5.435G
21	5.687G	22	5.646G	23	5.655G	24	5.664G
25	5.482G	26	5.422G	27	5.464G	28	5.372G
29	5.715G	30	5.438G	31	5.551G	32	5.502G
33	5.682G	34	5.653G	35	5.503G	36	5.268G
37	5.696G	38	5.263G	39	5.305G	40	5.524G
41	5.460G	42	5.312G	43	5.721G	44	5.398G
45	5.484G	46	5.535G	47	5.341G	48	5.394G
49	5.395G	50	5.622G	51	5.270G	52	5.504G
53	5.319G	54	5.689G	55	5.250G	56	5.463G
57	5.649G	58	5.473G	59	5.420G	60	5.645G
61	5.302G	62	5.578G	63	5.457G	64	5.688G
65	5.384G	66	5.378G	67	5.635G	68	5.552G
69	5.533G	70	5.417G	71	5.289G	72	5.419G
73	5.662G	74	5.355G	75	5.589G	76	5.408G
77	5.608G	78	5.300G	79	5.359G	80	5.418G
81	5.706G	82	5.332G	83	5.405G	84	5.499G
85	5.604G	86	5.532G	87	5.303G	88	5.252G
89	5.476G	90	5.677G	91	5.701G	92	5.544G
93	5.392G	94	5.350G	95	5.480G	96	5.374G
97	5.559G	98	5.262G	99	5.318G	100	5.620G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.604G	2	5.465G	3	5.306G	4	5.257G
5	5.450G	6	5.534G	7	5.435G	8	5.479G
9	5.675G	10	5.302G	11	5.541G	12	5.508G
13	5.361G	14	5.279G	15	5.297G	16	5.584G
17	5.544G	18	5.307G	19	5.500G	20	5.516G
21	5.630G	22	5.441G	23	5.627G	24	5.686G
25	5.476G	26	5.358G	27	5.511G	28	5.616G
29	5.474G	30	5.462G	31	5.301G	32	5.429G
33	5.408G	34	5.416G	35	5.537G	36	5.498G
37	5.703G	38	5.442G	39	5.275G	40	5.677G
41	5.351G	42	5.346G	43	5.536G	44	5.396G
45	5.558G	46	5.356G	47	5.427G	48	5.454G
49	5.674G	50	5.525G	51	5.483G	52	5.684G
53	5.539G	54	5.587G	55	5.436G	56	5.672G
57	5.696G	58	5.280G	59	5.578G	60	5.611G
61	5.271G	62	5.596G	63	5.314G	64	5.389G
65	5.527G	66	5.629G	67	5.581G	68	5.621G
69	5.385G	70	5.329G	71	5.371G	72	5.633G
73	5.383G	74	5.580G	75	5.722G	76	5.715G
77	5.589G	78	5.375G	79	5.669G	80	5.625G
81	5.711G	82	5.482G	83	5.296G	84	5.473G
85	5.642G	86	5.664G	87	5.491G	88	5.678G
89	5.607G	90	5.457G	91	5.420G	92	5.524G
93	5.637G	94	5.673G	95	5.689G	96	5.335G
97	5.509G	98	5.697G	99	5.381G	100	5.311G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.582G	2	5.456G	3	5.385G	4	5.697G
5	5.321G	6	5.613G	7	5.258G	8	5.406G
9	5.539G	10	5.338G	11	5.596G	12	5.396G
13	5.339G	14	5.515G	15	5.387G	16	5.549G
17	5.327G	18	5.405G	19	5.617G	20	5.724G
21	5.352G	22	5.476G	23	5.296G	24	5.322G
25	5.534G	26	5.257G	27	5.664G	28	5.379G
29	5.691G	30	5.553G	31	5.306G	32	5.267G
33	5.412G	34	5.401G	35	5.695G	36	5.681G
37	5.356G	38	5.415G	39	5.501G	40	5.692G
41	5.442G	42	5.564G	43	5.593G	44	5.557G
45	5.511G	46	5.669G	47	5.400G	48	5.707G
49	5.574G	50	5.371G	51	5.348G	52	5.360G
53	5.562G	54	5.291G	55	5.633G	56	5.275G
57	5.381G	58	5.628G	59	5.493G	60	5.505G
61	5.344G	62	5.605G	63	5.272G	64	5.581G
65	5.527G	66	5.269G	67	5.350G	68	5.301G
69	5.298G	70	5.395G	71	5.532G	72	5.618G
73	5.676G	74	5.432G	75	5.409G	76	5.540G
77	5.404G	78	5.422G	79	5.653G	80	5.547G
81	5.647G	82	5.424G	83	5.443G	84	5.587G
85	5.658G	86	5.402G	87	5.337G	88	5.372G
89	5.453G	90	5.632G	91	5.589G	92	5.524G
93	5.316G	94	5.420G	95	5.369G	96	5.614G
97	5.667G	98	5.265G	99	5.510G	100	5.567G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.576G	2	5.367G	3	5.533G	4	5.446G
5	5.406G	6	5.617G	7	5.694G	8	5.358G
9	5.324G	10	5.300G	11	5.477G	12	5.548G
13	5.302G	14	5.649G	15	5.323G	16	5.642G
17	5.632G	18	5.373G	19	5.564G	20	5.320G
21	5.691G	22	5.433G	23	5.637G	24	5.544G
25	5.682G	26	5.418G	27	5.415G	28	5.251G
29	5.420G	30	5.588G	31	5.582G	32	5.454G
33	5.279G	34	5.296G	35	5.381G	36	5.285G
37	5.527G	38	5.520G	39	5.391G	40	5.309G
41	5.361G	42	5.702G	43	5.583G	44	5.407G
45	5.629G	46	5.614G	47	5.590G	48	5.613G
49	5.554G	50	5.465G	51	5.432G	52	5.382G
53	5.664G	54	5.713G	55	5.389G	56	5.464G
57	5.317G	58	5.440G	59	5.354G	60	5.459G
61	5.253G	62	5.611G	63	5.709G	64	5.408G
65	5.385G	66	5.716G	67	5.718G	68	5.423G
69	5.254G	70	5.602G	71	5.376G	72	5.700G
73	5.538G	74	5.313G	75	5.541G	76	5.534G
77	5.598G	78	5.311G	79	5.337G	80	5.597G
81	5.429G	82	5.705G	83	5.606G	84	5.515G
85	5.618G	86	5.524G	87	5.399G	88	5.651G
89	5.518G	90	5.517G	91	5.471G	92	5.292G
93	5.707G	94	5.250G	95	5.257G	96	5.501G
97	5.650G	98	5.594G	99	5.419G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.707G	2	5.630G	3	5.699G	4	5.648G
5	5.321G	6	5.566G	7	5.312G	8	5.298G
9	5.478G	10	5.528G	11	5.679G	12	5.300G
13	5.279G	14	5.504G	15	5.268G	16	5.672G
17	5.524G	18	5.337G	19	5.696G	20	5.435G
21	5.711G	22	5.510G	23	5.436G	24	5.556G
25	5.290G	26	5.398G	27	5.650G	28	5.363G
29	5.552G	30	5.657G	31	5.317G	32	5.614G
33	5.651G	34	5.286G	35	5.512G	36	5.702G
37	5.349G	38	5.509G	39	5.292G	40	5.619G
41	5.562G	42	5.560G	43	5.577G	44	5.569G
45	5.505G	46	5.441G	47	5.417G	48	5.313G
49	5.580G	50	5.370G	51	5.518G	52	5.396G
53	5.662G	54	5.633G	55	5.448G	56	5.723G
57	5.399G	58	5.498G	59	5.551G	60	5.408G
61	5.315G	62	5.537G	63	5.550G	64	5.465G
65	5.539G	66	5.457G	67	5.454G	68	5.581G
69	5.421G	70	5.494G	71	5.593G	72	5.715G
73	5.721G	74	5.287G	75	5.609G	76	5.430G
77	5.453G	78	5.469G	79	5.362G	80	5.278G
81	5.514G	82	5.632G	83	5.348G	84	5.688G
85	5.635G	86	5.565G	87	5.502G	88	5.413G
89	5.642G	90	5.305G	91	5.277G	92	5.665G
93	5.297G	94	5.594G	95	5.684G	96	5.423G
97	5.564G	98	5.686G	99	5.299G	100	5.660G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.493G	2	5.723G	3	5.566G	4	5.380G
5	5.685G	6	5.311G	7	5.511G	8	5.605G
9	5.666G	10	5.269G	11	5.533G	12	5.559G
13	5.492G	14	5.371G	15	5.589G	16	5.415G
17	5.374G	18	5.376G	19	5.599G	20	5.456G
21	5.297G	22	5.393G	23	5.255G	24	5.409G
25	5.529G	26	5.707G	27	5.340G	28	5.354G
29	5.663G	30	5.542G	31	5.360G	32	5.692G
33	5.401G	34	5.518G	35	5.280G	36	5.454G
37	5.516G	38	5.523G	39	5.672G	40	5.691G
41	5.719G	42	5.412G	43	5.555G	44	5.549G
45	5.406G	46	5.509G	47	5.648G	48	5.665G
49	5.342G	50	5.716G	51	5.619G	52	5.469G
53	5.704G	54	5.502G	55	5.333G	56	5.538G
57	5.396G	58	5.368G	59	5.291G	60	5.427G
61	5.582G	62	5.389G	63	5.604G	64	5.625G
65	5.335G	66	5.287G	67	5.527G	68	5.436G
69	5.301G	70	5.377G	71	5.658G	72	5.433G
73	5.277G	74	5.661G	75	5.563G	76	5.617G
77	5.515G	78	5.485G	79	5.282G	80	5.304G
81	5.720G	82	5.257G	83	5.273G	84	5.439G
85	5.375G	86	5.712G	87	5.556G	88	5.370G
89	5.256G	90	5.425G	91	5.285G	92	5.438G
93	5.258G	94	5.281G	95	5.341G	96	5.626G
97	5.526G	98	5.254G	99	5.633G	100	5.362G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.535G	2	5.451G	3	5.710G	4	5.267G
5	5.647G	6	5.442G	7	5.285G	8	5.437G
9	5.271G	10	5.549G	11	5.449G	12	5.593G
13	5.334G	14	5.414G	15	5.699G	16	5.319G
17	5.463G	18	5.326G	19	5.390G	20	5.290G
21	5.719G	22	5.511G	23	5.488G	24	5.546G
25	5.625G	26	5.370G	27	5.287G	28	5.615G
29	5.389G	30	5.303G	31	5.693G	32	5.256G
33	5.460G	34	5.338G	35	5.377G	36	5.446G
37	5.295G	38	5.564G	39	5.252G	40	5.429G
41	5.678G	42	5.261G	43	5.431G	44	5.264G
45	5.687G	46	5.368G	47	5.407G	48	5.665G
49	5.680G	50	5.619G	51	5.716G	52	5.669G
53	5.486G	54	5.519G	55	5.706G	56	5.570G
57	5.358G	58	5.675G	59	5.582G	60	5.601G
61	5.571G	62	5.456G	63	5.297G	64	5.469G
65	5.300G	66	5.685G	67	5.410G	68	5.537G
69	5.299G	70	5.698G	71	5.257G	72	5.400G
73	5.583G	74	5.270G	75	5.709G	76	5.563G
77	5.500G	78	5.498G	79	5.542G	80	5.359G
81	5.260G	82	5.602G	83	5.661G	84	5.439G
85	5.363G	86	5.683G	87	5.578G	88	5.304G
89	5.324G	90	5.541G	91	5.692G	92	5.514G
93	5.585G	94	5.391G	95	5.580G	96	5.369G
97	5.458G	98	5.635G	99	5.422G	100	5.523G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.386G	2	5.297G	3	5.307G	4	5.608G
5	5.295G	6	5.371G	7	5.542G	8	5.368G
9	5.445G	10	5.414G	11	5.473G	12	5.716G
13	5.454G	14	5.711G	15	5.706G	16	5.525G
17	5.380G	18	5.479G	19	5.522G	20	5.648G
21	5.369G	22	5.650G	23	5.468G	24	5.655G
25	5.483G	26	5.294G	27	5.258G	28	5.263G
29	5.285G	30	5.723G	31	5.450G	32	5.597G
33	5.685G	34	5.359G	35	5.624G	36	5.627G
37	5.259G	38	5.572G	39	5.488G	40	5.614G
41	5.549G	42	5.265G	43	5.292G	44	5.697G
45	5.584G	46	5.314G	47	5.459G	48	5.404G
49	5.456G	50	5.349G	51	5.713G	52	5.288G
53	5.444G	54	5.437G	55	5.547G	56	5.477G
57	5.405G	58	5.550G	59	5.418G	60	5.719G
61	5.600G	62	5.461G	63	5.523G	64	5.574G
65	5.496G	66	5.373G	67	5.264G	68	5.310G
69	5.318G	70	5.434G	71	5.383G	72	5.281G
73	5.699G	74	5.666G	75	5.649G	76	5.560G
77	5.581G	78	5.421G	79	5.267G	80	5.262G
81	5.323G	82	5.482G	83	5.700G	84	5.315G
85	5.480G	86	5.476G	87	5.388G	88	5.372G
89	5.688G	90	5.626G	91	5.538G	92	5.299G
93	5.536G	94	5.504G	95	5.470G	96	5.379G
97	5.654G	98	5.431G	99	5.590G	100	5.460G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.366G	2	5.497G	3	5.259G	4	5.338G
5	5.672G	6	5.554G	7	5.683G	8	5.425G
9	5.336G	10	5.478G	11	5.471G	12	5.716G
13	5.532G	14	5.469G	15	5.597G	16	5.273G
17	5.586G	18	5.715G	19	5.427G	20	5.552G
21	5.252G	22	5.703G	23	5.551G	24	5.533G
25	5.395G	26	5.333G	27	5.378G	28	5.256G
29	5.473G	30	5.688G	31	5.368G	32	5.541G
33	5.342G	34	5.547G	35	5.385G	36	5.675G
37	5.347G	38	5.608G	39	5.361G	40	5.724G
41	5.374G	42	5.673G	43	5.291G	44	5.382G
45	5.553G	46	5.370G	47	5.298G	48	5.538G
49	5.677G	50	5.312G	51	5.283G	52	5.708G
53	5.381G	54	5.362G	55	5.601G	56	5.464G
57	5.705G	58	5.641G	59	5.262G	60	5.445G
61	5.340G	62	5.684G	63	5.299G	64	5.694G
65	5.525G	66	5.580G	67	5.492G	68	5.301G
69	5.416G	70	5.678G	71	5.324G	72	5.535G
73	5.495G	74	5.518G	75	5.577G	76	5.328G
77	5.285G	78	5.583G	79	5.302G	80	5.479G
81	5.714G	82	5.567G	83	5.510G	84	5.447G
85	5.345G	86	5.305G	87	5.251G	88	5.643G
89	5.300G	90	5.392G	91	5.596G	92	5.722G
93	5.668G	94	5.682G	95	5.400G	96	5.279G
97	5.429G	98	5.712G	99	5.648G	100	5.718G