

DFS TEST REPORT

REPORT NO.: RF110826C07E-2

MODEL NO.: APL24-08F

FCC ID: QWU-08F

IC: 4408A-08F

RECEIVED: Aug. 26, 2012

TESTED: Apr. 02 ~ Apr. 16, 2012

ISSUED: Apr. 17, 2012

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF110826C07E-2	Original release	Apr. 17, 2012

1. LAB DECLARATION

PRODUCT: Wireless 802.11 abgn Device

MODEL: APL24-08F

BRAND: SonicWALL

APPLICANT: SonicWALL, Inc.

TEST SAMPLE: ENGINEERING SAMPLE

TESTED: Apr. 02 ~ Apr. 16, 2012

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

Canada RSS-210 Issue 8 (2010-12)

Canada RSS-Gen Issue 3 (2010-12)

FCC 06-96

The above equipment (Model: APL24-08F) 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 : Andrea Hsia , DATE : Apr. 17, 2012
Andrea Hsia / Specialist

APPROVED BY : Gary Chang , DATE : Apr. 17, 2012
Gary Chang / Technical Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

Table 1: Operating frequency bands and mode of EUT.

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

The EUT has disabled the 5600 ~ 5650 MHz band

2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT software/firmware version.

No.	Product	Model No.	Software/Firmware Version
1	Wireless 802.11 abgn Device	APL24-08F	sw_nsa-220w_eng_5.8.1.4_Work Set-5.8.1_JKK_DFS_7o_446852

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list.

Ant NO.	Antenna	Operation Frequency Range(MHz)	Max. Gain (dBi)
1	Dipole	5250~5350	3.0
1	Dipole	5470~5725	3.0

2.4 EUT MAXIMUM AND MINIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	21.4	138.5	15.4	34.7
1	5470~5725	21.4	138.8	15.4	34.7

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	23.7	232.7	17.7	58.9
1	5470~5725	23.9	243.3	17.9	61.7

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

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

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	24.4	275.4	18.4	69.2
1	5470~5725	24.4	275.4	18.4	69.2

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	26.7	467.7	20.7	117.5
1	5470~5725	26.9	489.8	20.9	123.0

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

The manufacturer shall state whether the EUT is capable of operating as a Master and/or a Client. If the EUT 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 Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.
 Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Table 9: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 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	2013/01/29
Signal generator	8645A	Agilent	2012/06/09
Oscilloscope	TDS 5104	Tektronix	2012/05/16
Control PC	Pavilion a320d	HP	--

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

No.	Product	Brand	Model No.	ID	Spec.
1	IEEE 802.11a/b/g/n Cardbus	ATHEROS	AR5BCB-0072TA	PPD-AR5BCB-00072	

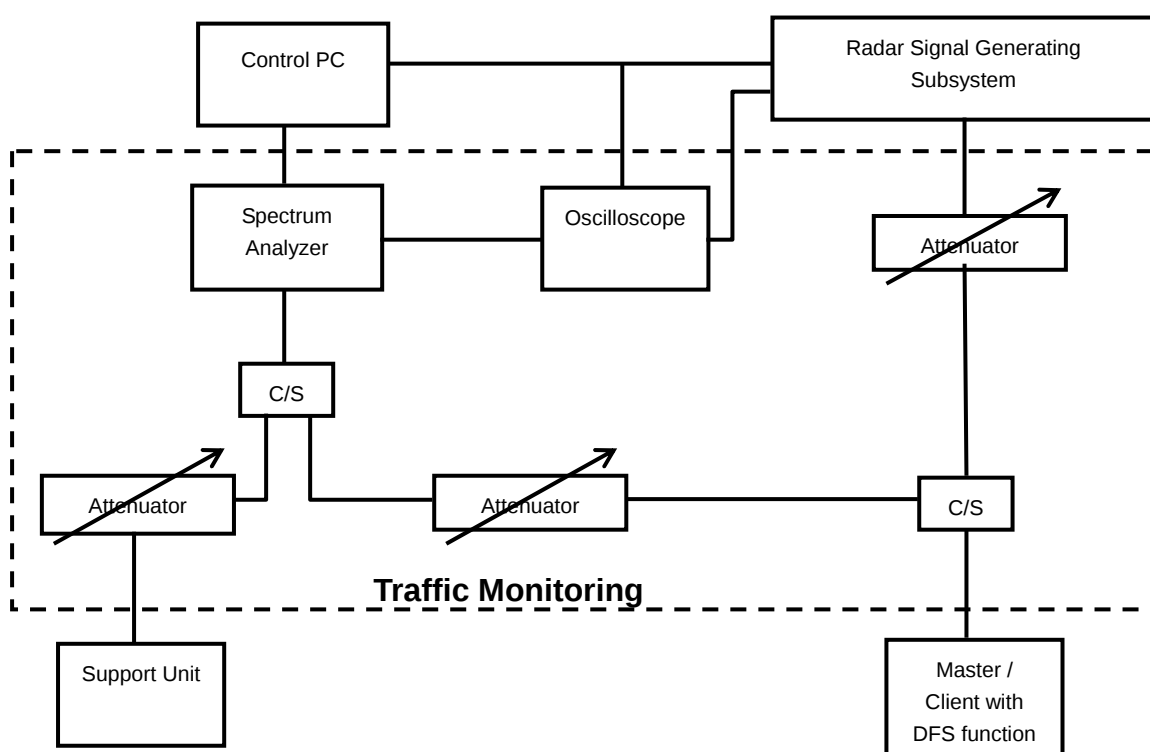
Note: This device was functioned as a ☐ Master ☒ Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM:

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

Conducted 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:

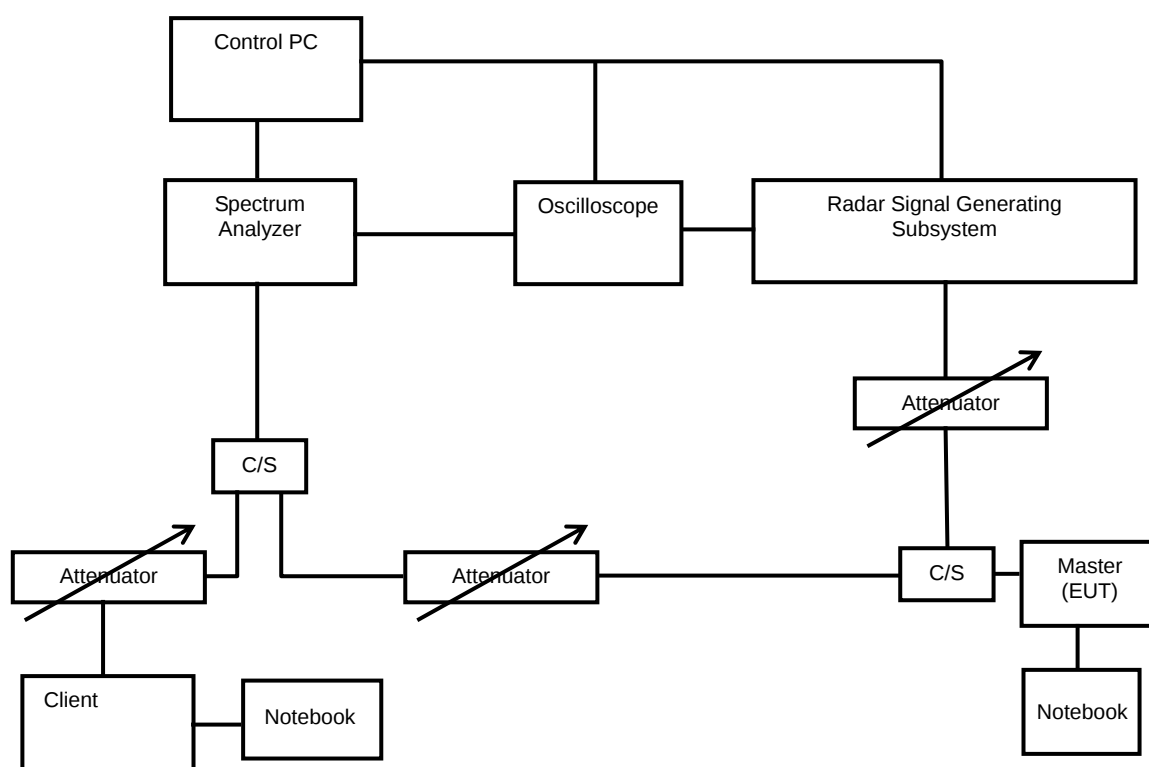
<http://ntiacsd.ntia.doc.gov/dfs/>.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 CONDUCTED TEST SETUP CONFIGURATION

5.4.1 MASTER MODE



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

6. TEST RESULTS

6.1 SUMMARY OF TEST RESULT

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

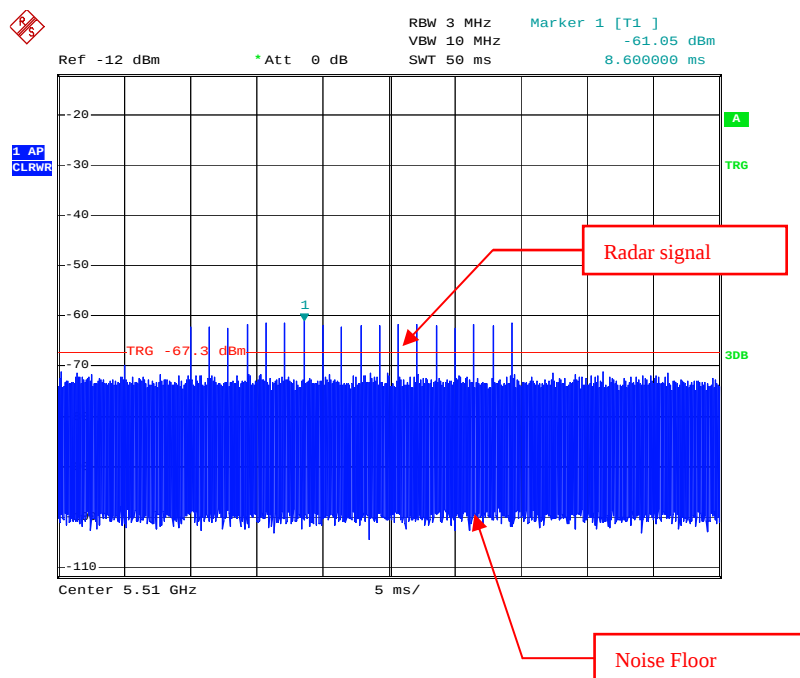
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

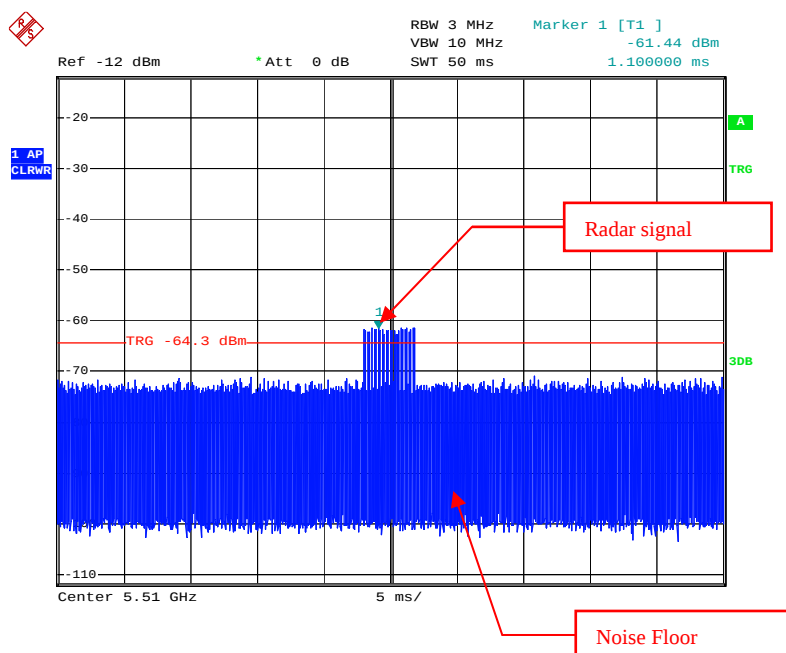
Radar Test Waveforms are injected into the Master.

DFS DETECTION THRESHOLD

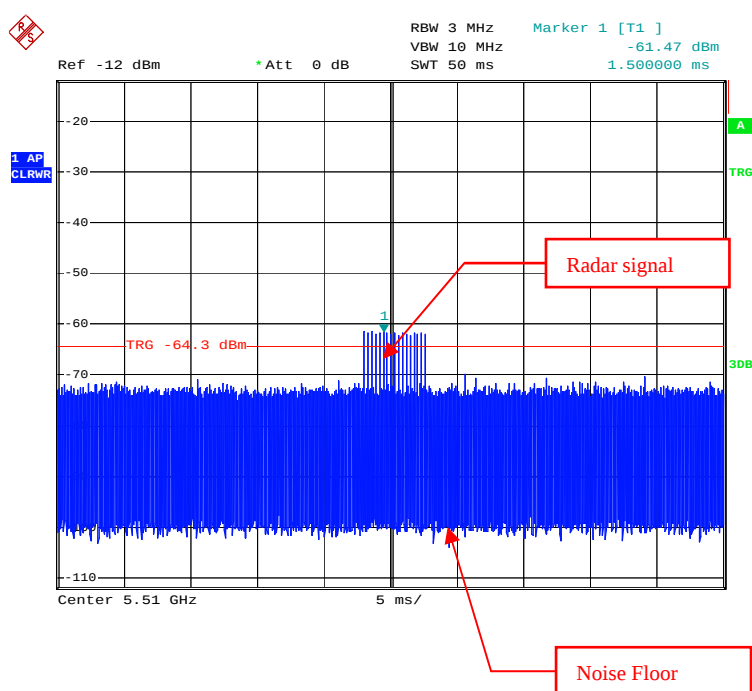
For a detection threshold level of -64dBm and the Master minimum antenna gain is 2.5dBi .
Required detection threshold is -60.5dBm ($= -64\text{dBm} + 2.5\text{dBi} + 1\text{dB}$). The conducted radar burst level is set to -60.5dBm .



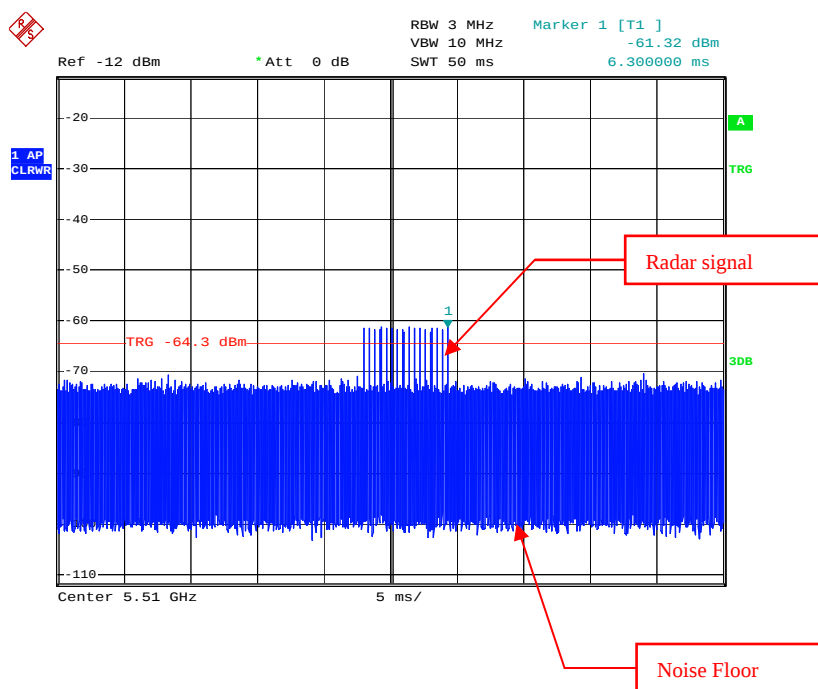
Radar Signal 1



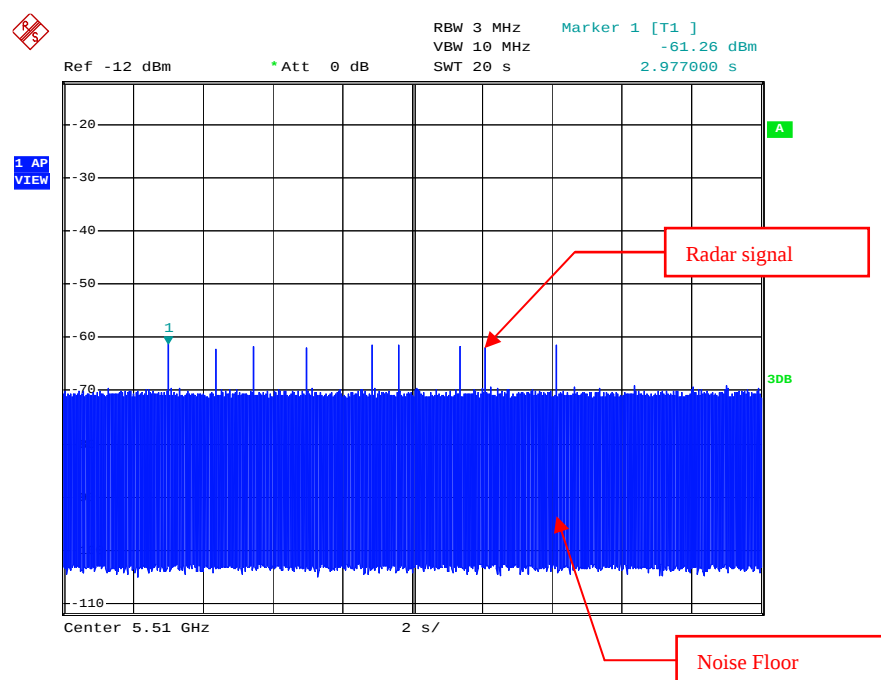
Radar Signal 2



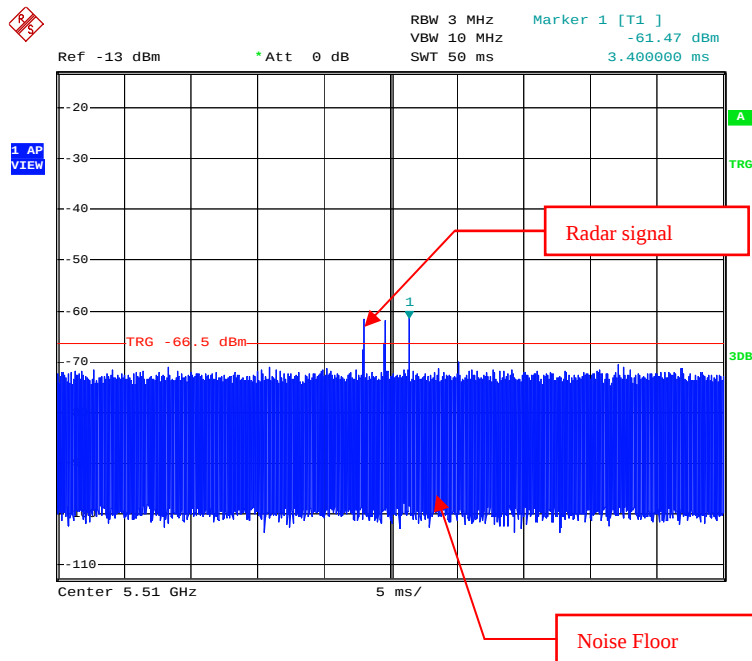
Radar Signal 3



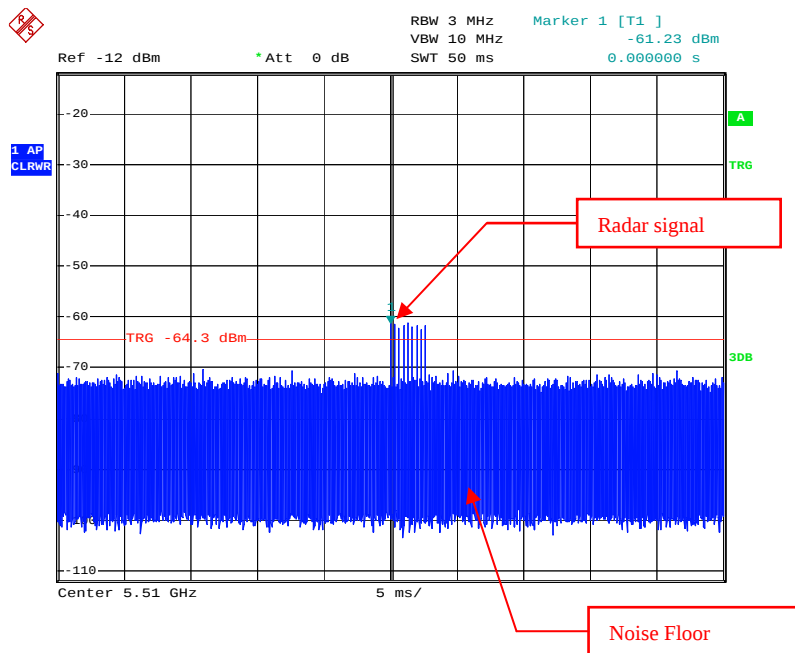
Radar Signal 4



Radar Signal 5



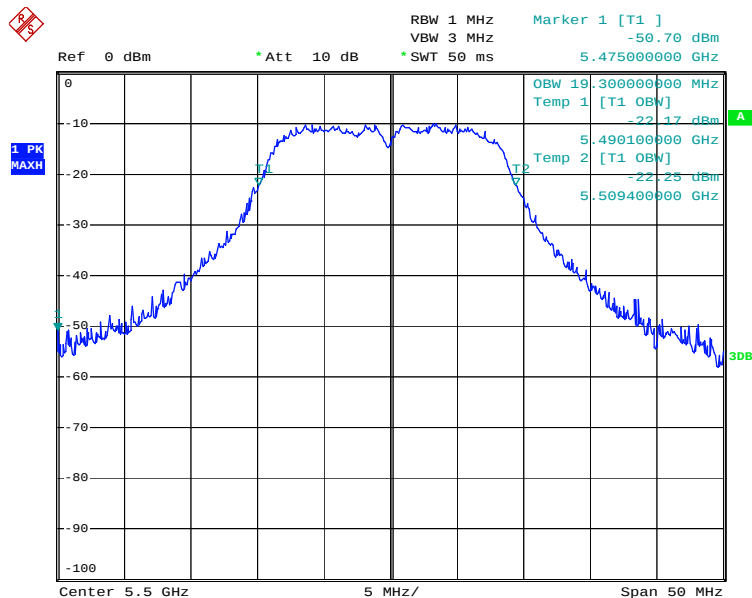
Single Burst of Radar Signal 5



Radar Signal 6

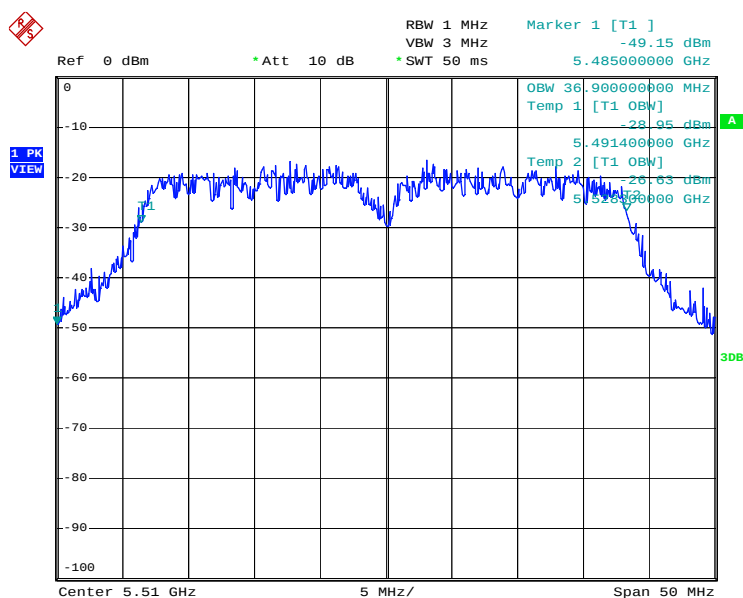
6.2.2 U-NII DETECTION BANDWIDTH

802.11n (20MHz)



U-NII 99% Channel bandwidth

802.11n (40MHz)



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11N 20MHz											
EUT Frequency: 5500MHz											
EUT 99% Power bandwidth: 19.3MHz											
Detection bandwidth limit (80% of EUT 99% Power bandwidth): 15.44MHz											
Detection bandwidth (5510(FH) – 5490(FL)) : 20 MHz											
Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11N 40MHz

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 36.9MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.52MHz

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

Test Result : PASS

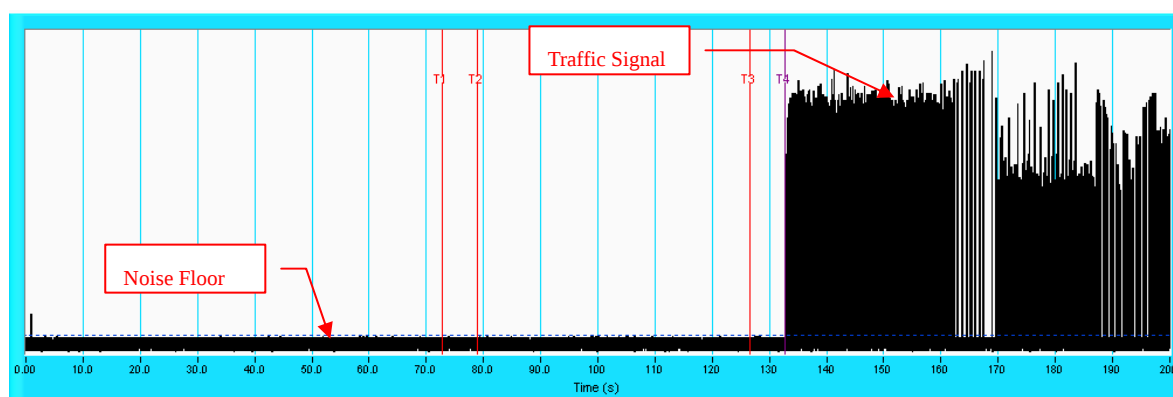
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100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

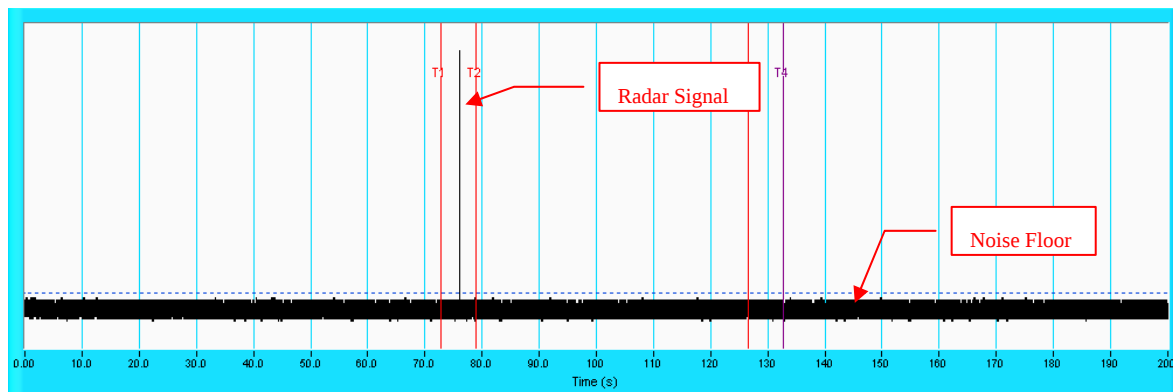
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



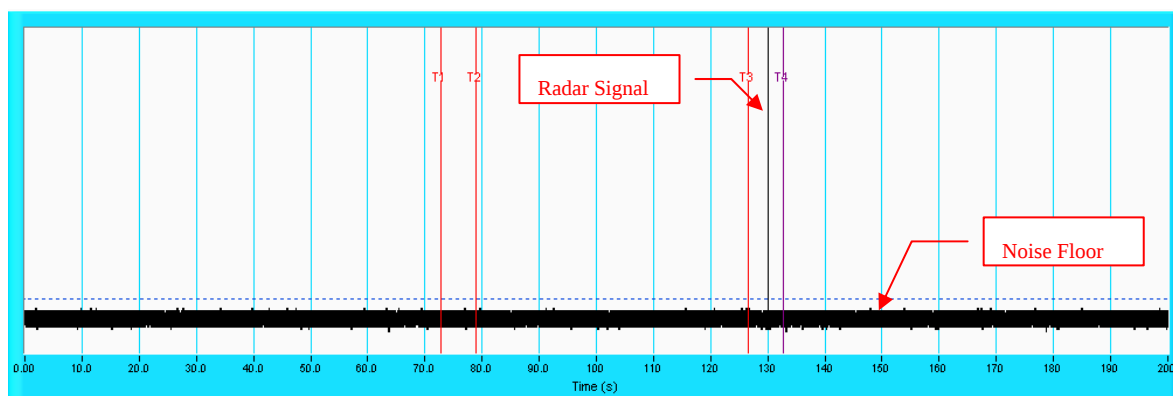
NOTE: T1 denotes the end of power-up time period is 72.8 second. T4 denotes the end of Channel Availability Check time is 132.8 second. Channel Availability Check time is equal to $(T4 - T1)$ 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 72.8 second. T2 denotes 78.8 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 132.8 second.

Radar Burst at the End of the Channel Availability Check Time

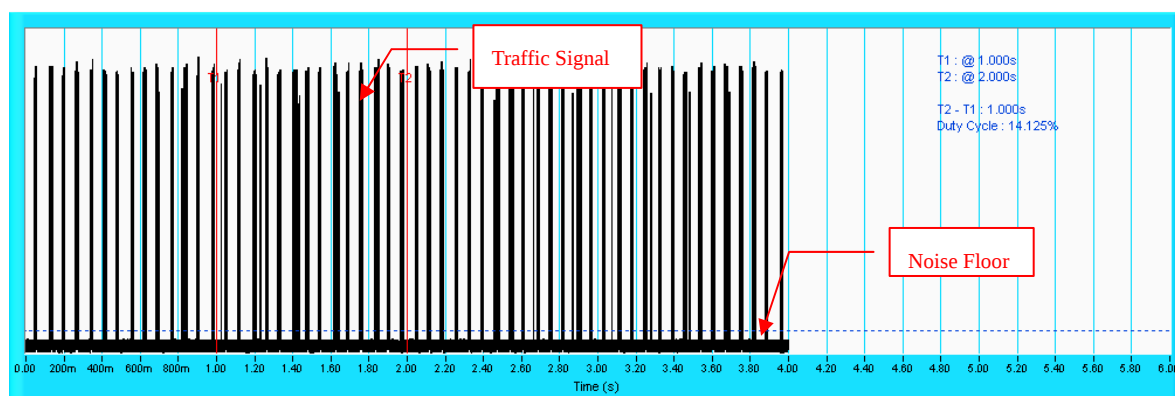


NOTE: T1 denotes the end of power up time period is 72.8 second. T3 denotes 126.8 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 132.8 second.

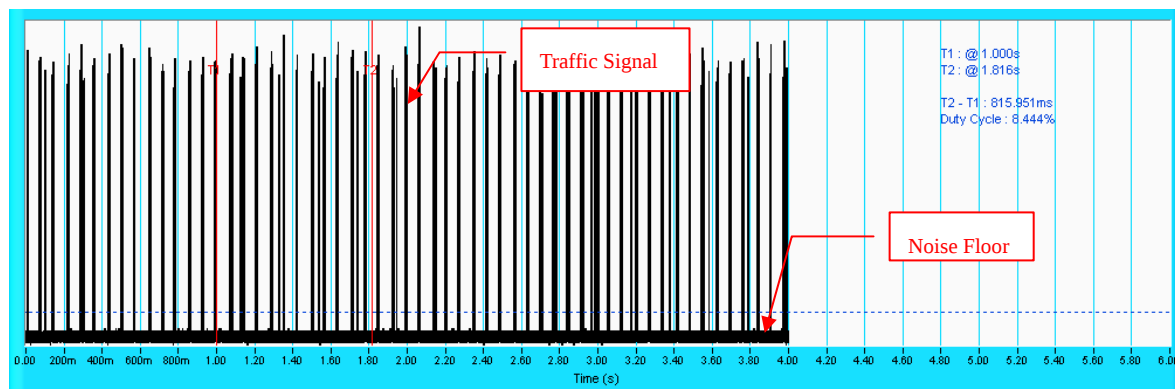
6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

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	83.00
2	1-5	150-230	23-29	30	73.30
3	6-10	200-500	16-18	30	86.70
4	11-20	200-500	12-16	30	83.30
Aggregate (Radar Types 1-4)				120	81.58

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	76.7

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	90.0
2	1-5	150-230	23-29	30	80.0
3	6-10	200-500	16-18	30	80.0
4	11-20	200-500	12-16	30	76.7
Aggregate (Radar Types 1-4)				120	81.68

Table 2: Long Pulse Radar Test Waveform

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

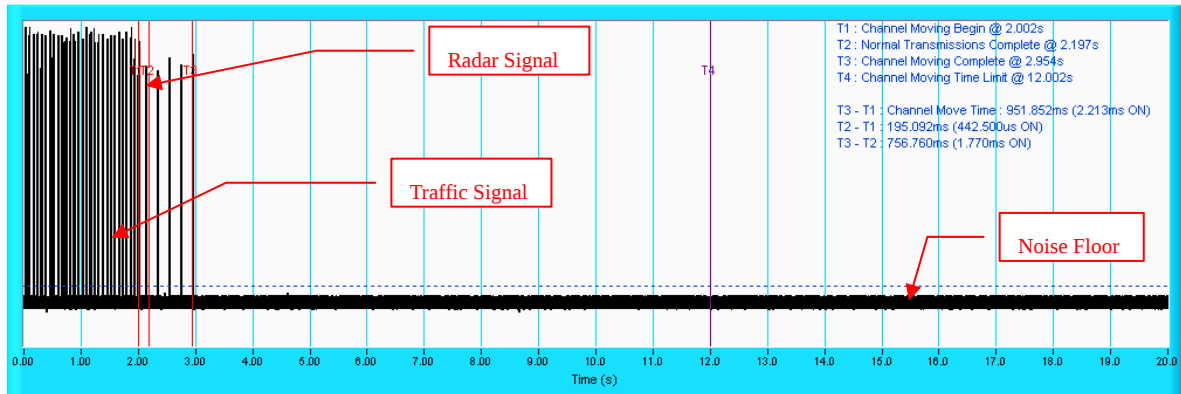
Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	76.7

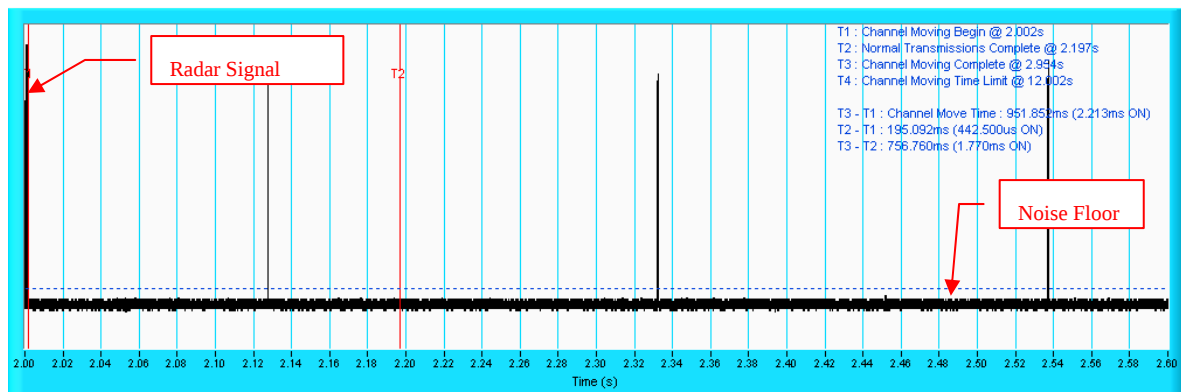
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

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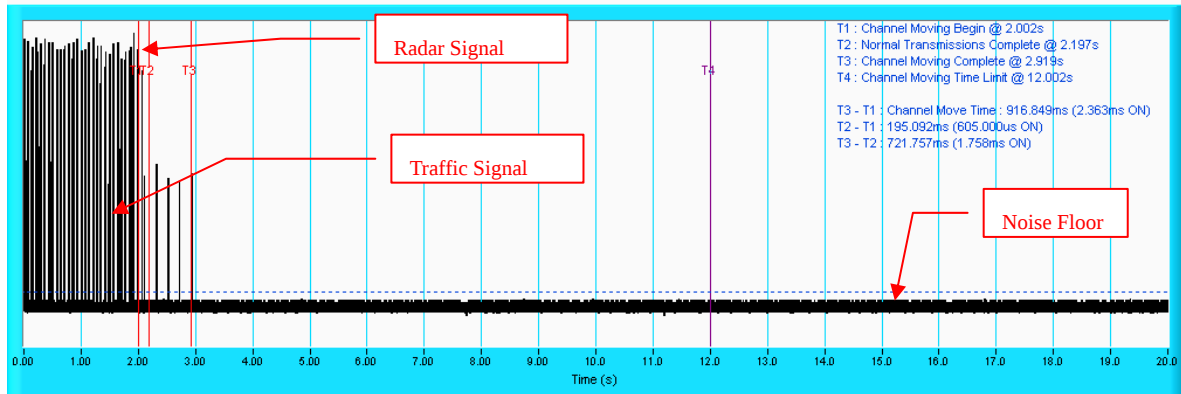
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



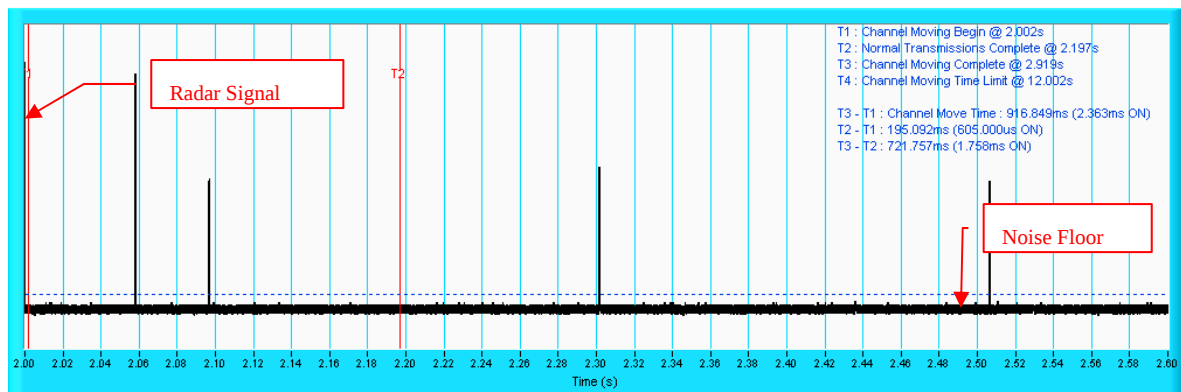
Note: Zoom-in of the first 600ms after radar signal applied.

Radar signal 2

IEEE 802.11N 20MHz



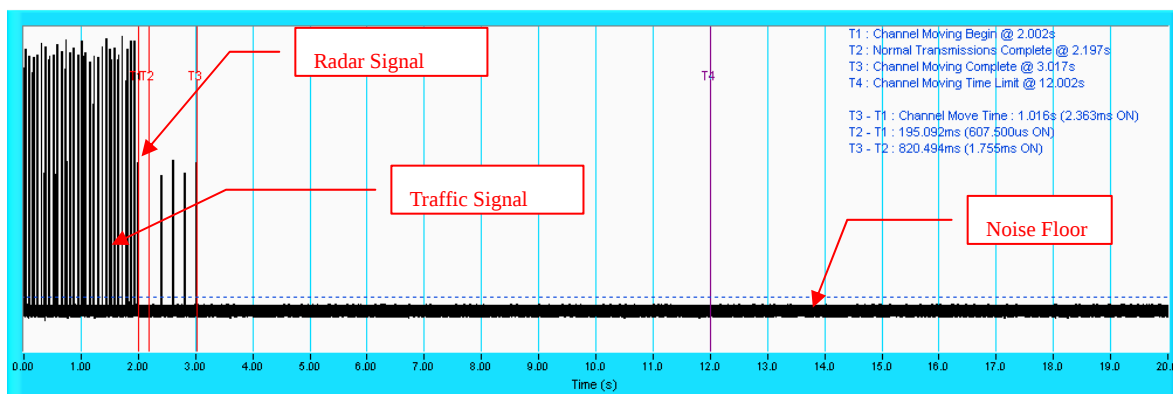
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



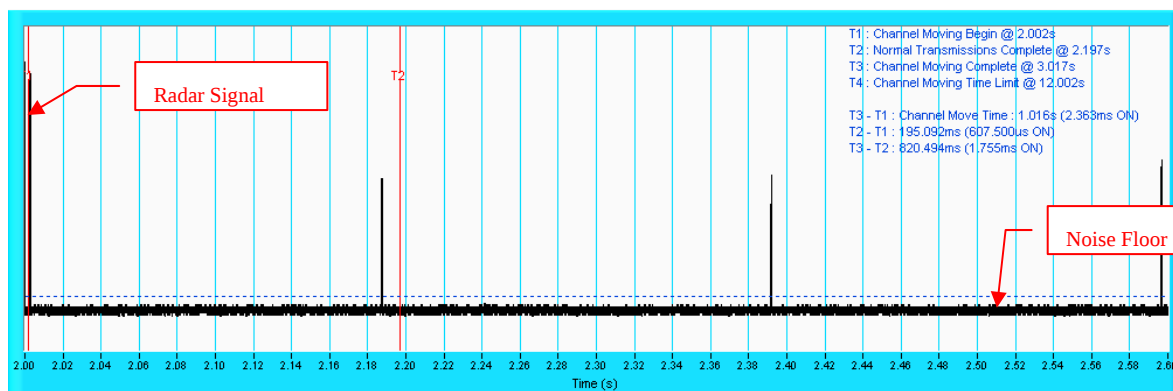
Note: Zoom-in of the first 600ms after radar signal applied.

Radar signal 3

IEEE 802.11N 20MHz



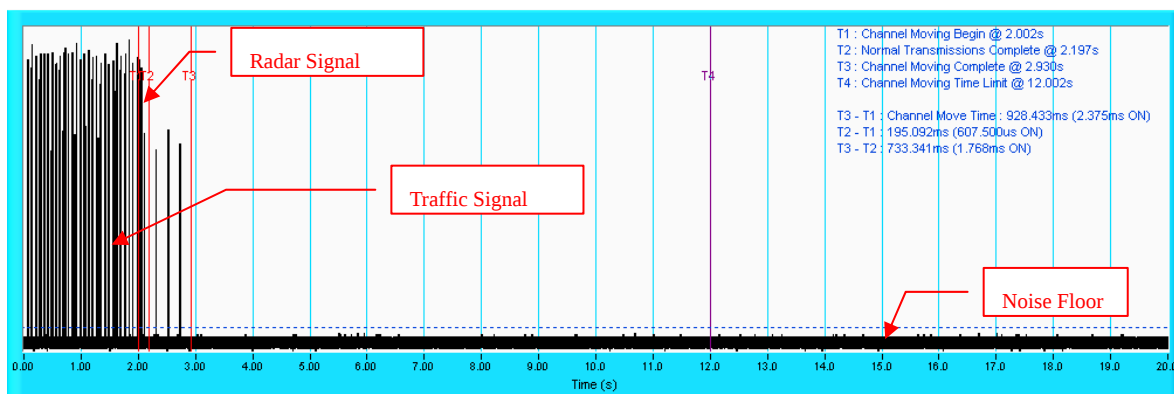
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



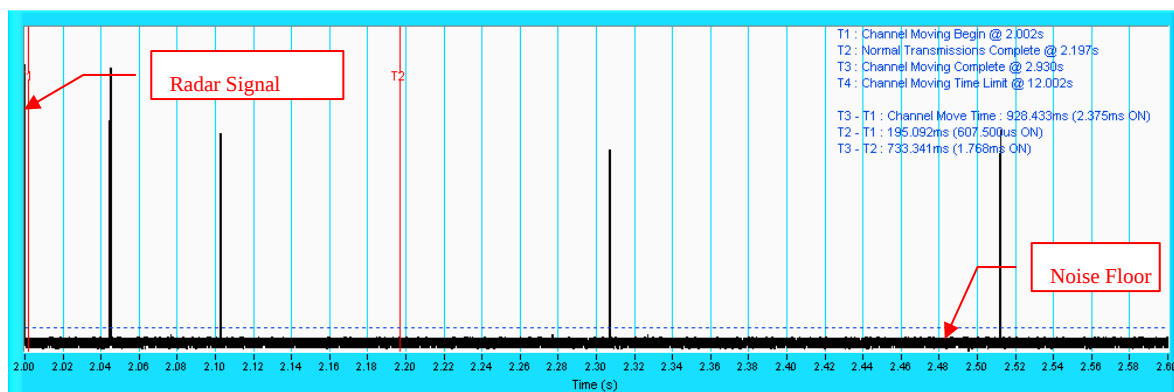
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 4

IEEE 802.11N 20MHz



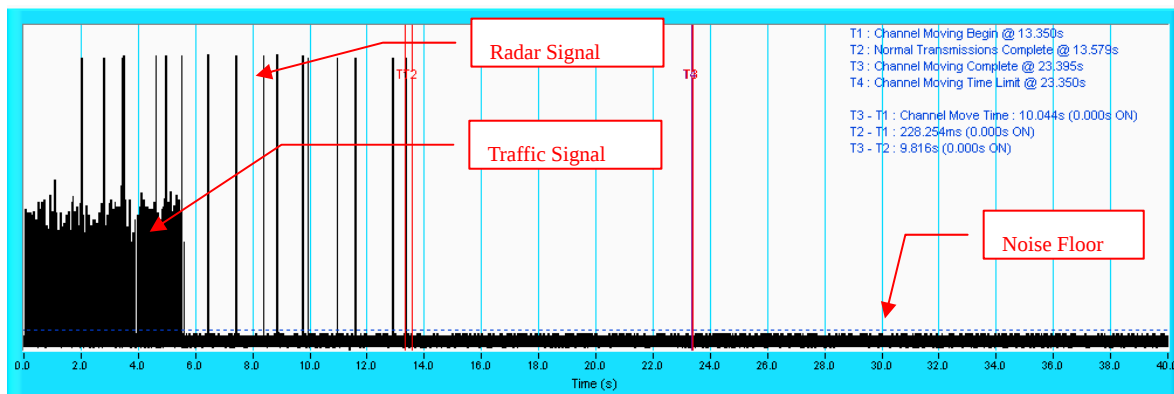
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



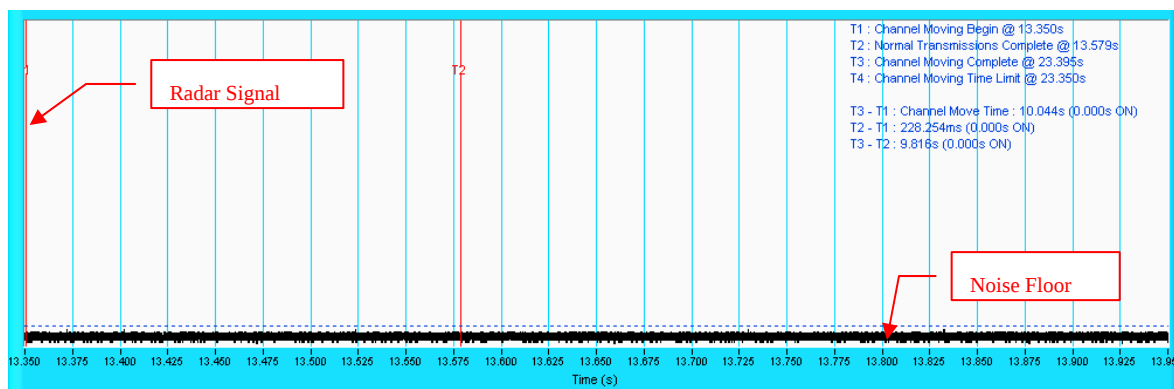
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 5

IEEE 802.11N 20MHz



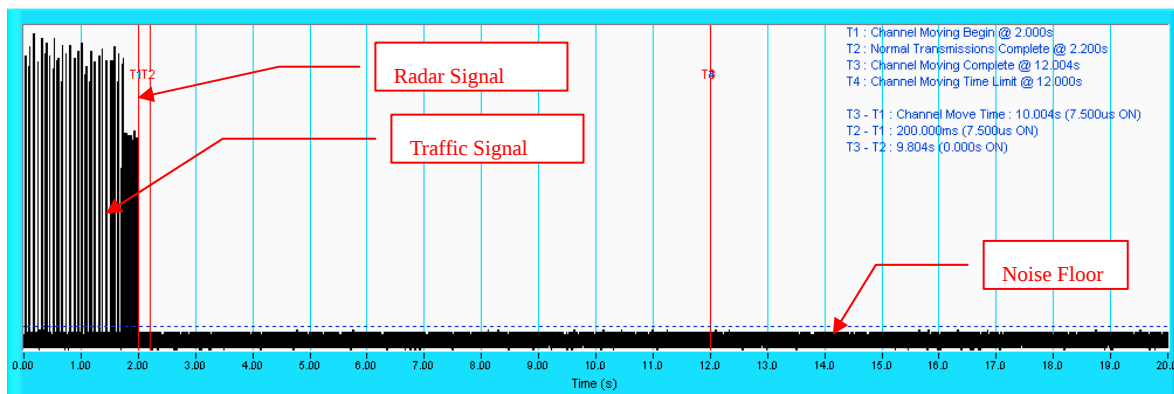
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



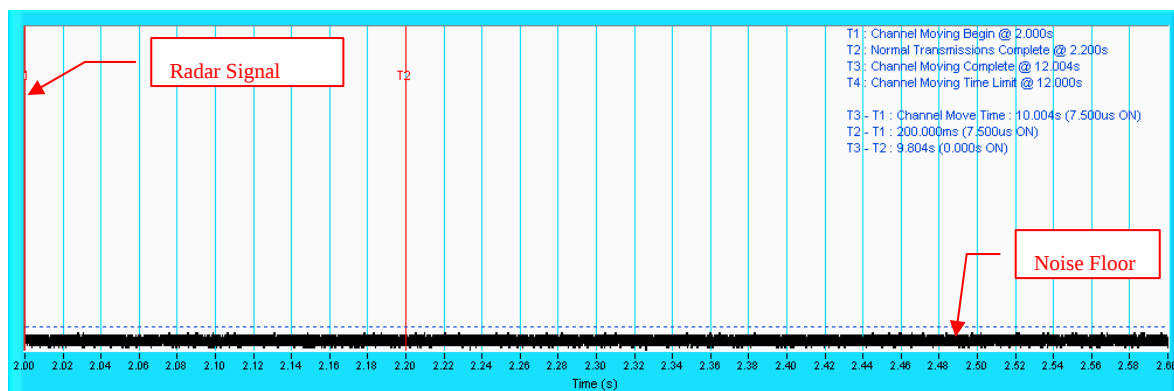
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 6

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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: Zoom-in of the first 600ms after radar signal applied.

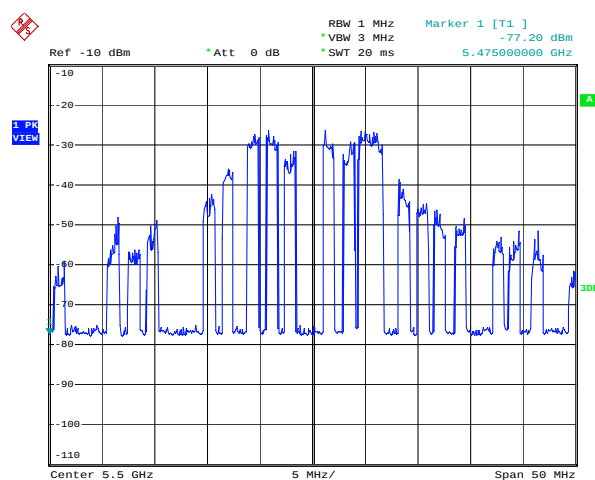
6.2.5 NON- OCCUPANCY PERIOD

Associate test:

During the 30 minutes observation time, EUT 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.

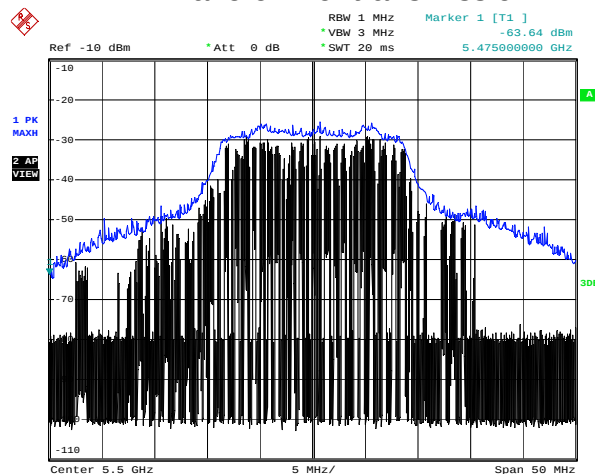
1) EUT links up with Client on 5500MHz.

Waveform of EUT links up with Client



2) EUT plays specified files via Client.

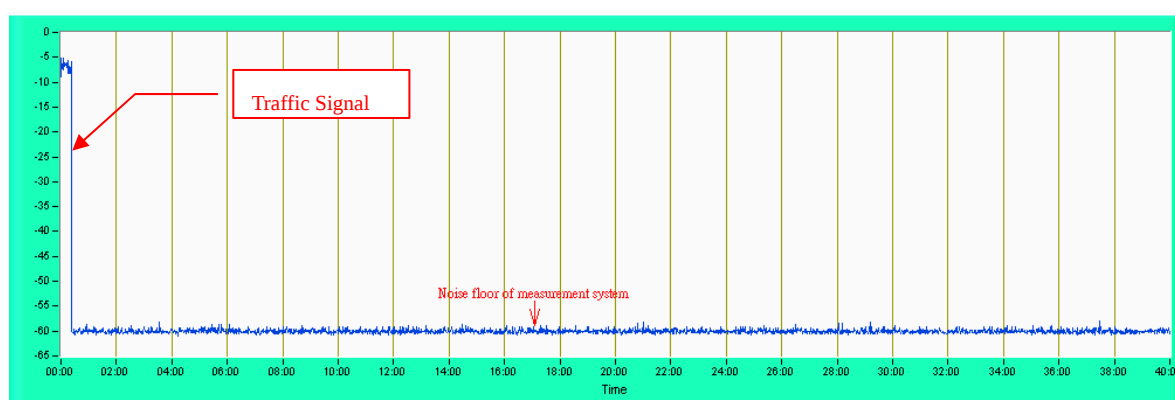
Waveform of transmission



- 3) Radar signal 1~6 are applied to the Master device and WiFi traffic signal stop immediately.
Radar signal applied to the master and traffic stopped as described in section 6.2.4.
- 4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

IEEE 802.11n 20MHz



NOTE: Test setup is shown on Test set up photo.pdf

6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT 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.

Copies of accreditation and authorization certificates of our laboratories obtained from approval agencies can be downloaded from our web site:

www.adt.com.tw/index.5.phtml. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab

Tel: 886-2-26052180

Fax: 886-2-26051924

Hsin Chu EMC/RF Lab

Tel: 886-3-5935343

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Hwa Ya EMC/RF/Safety/Telecom Lab

Tel: 886-3-3270892

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Web Site: www.adt.com.tw

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

Annex-A

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

IEEE 802.11N 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	No
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	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	No
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	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 83.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	28	3.4u	197.0u	Yes
2	26	2.4u	192.0u	Yes
3	28	3.7u	223.0u	Yes
4	25	3.2u	198.0u	Yes
5	28	2.2u	156.0u	Yes
6	27	3.5u	195.0u	No
7	27	2.7u	173.0u	No
8	24	3.9u	224.0u	No
9	27	3.2u	208.0u	Yes
10	24	3.7u	172.0u	Yes
11	23	1.7u	161.0u	No
12	27	4.0u	217.0u	No
13	27	4.4u	175.0u	Yes
14	28	1.3u	159.0u	Yes
15	27	4.0u	177.0u	No
16	26	1.4u	220.0u	Yes
17	27	3.1u	198.0u	Yes
18	26	3.4u	190.0u	Yes
19	24	4.2u	226.0u	Yes
20	26	4.1u	226.0u	No
21	29	3.6u	208.0u	Yes
22	26	1.9u	164.0u	Yes
23	24	4.6u	178.0u	Yes
24	26	3.8u	168.0u	Yes
25	26	4.4u	205.0u	No
26	24	4.9u	195.0u	Yes
27	25	4.2u	201.0u	Yes
28	24	2.6u	170.0u	Yes
29	25	1.2u	215.0u	Yes
30	24	2.2u	166.0u	Yes
Detection Rate: 73.3 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	6.4u	459.0u	Yes
2	18	8.9u	265.0u	Yes
3	17	9.2u	479.0u	Yes
4	17	8.1u	334.0u	Yes
5	17	8.5u	348.0u	Yes
6	16	8.7u	305.0u	Yes
7	16	7.9u	216.0u	No
8	18	7.8u	306.0u	No
9	18	6.4u	393.0u	Yes
10	17	7.7u	252.0u	No
11	17	8.4u	476.0u	No
12	17	8.5u	326.0u	Yes
13	17	9.7u	246.0u	Yes
14	17	9.4u	442.0u	Yes
15	16	9.8u	343.0u	Yes
16	18	9.9u	367.0u	Yes
17	17	7.8u	385.0u	Yes
18	16	7.6u	283.0u	Yes
19	16	9.5u	219.0u	Yes
20	17	7.8u	416.0u	Yes
21	18	7.5u	222.0u	Yes
22	16	8.4u	401.0u	Yes
23	17	7.5u	363.0u	Yes
24	17	9.1u	459.0u	Yes
25	18	7.2u	257.0u	Yes
26	17	9.6u	495.0u	Yes
27	18	8.3u	402.0u	Yes
28	16	6.9u	353.0u	Yes
29	18	6.3u	405.0u	Yes
30	17	7.2u	290.0u	Yes
				Detection Rate: 86.7 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	15.5u	477.0u	Yes
2	13	14.9u	268.0u	Yes
3	16	13.3u	296.0u	Yes
4	12	19.8u	468.0u	Yes
5	16	16.1u	475.0u	Yes
6	15	18.1u	258.0u	No
7	13	12.6u	247.0u	Yes
8	15	15.6u	401.0u	Yes
9	16	14.7u	226.0u	No
10	12	15.1u	200.0u	Yes
11	15	15.9u	437.0u	Yes
12	13	11.1u	416.0u	Yes
13	15	18.6u	258.0u	Yes
14	14	16.7u	470.0u	Yes
15	13	12.9u	313.0u	Yes
16	15	14.7u	215.0u	No
17	15	17.7u	421.0u	No
18	15	12.9u	328.0u	Yes
19	13	18.5u	404.0u	Yes
20	14	12.4u	328.0u	No
21	14	14.9u	275.0u	Yes
22	13	18.4u	212.0u	Yes
23	13	13.5u	231.0u	Yes
24	16	13.6u	436.0u	Yes
25	13	15.4u	310.0u	No
26	13	17.8u	492.0u	Yes
27	13	11.2u	275.0u	Yes
28	15	17.2u	465.0u	Yes
29	14	15.3u	329.0u	Yes
30	13	19.0u	426.0u	Yes
				Detection Rate:83.3 %

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	No
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	No
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	No
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	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 83.3 %

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	No
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	No
6	9	1.0u	333.0u	No
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	No
20	9	1.0u	333.0u	No
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	No
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	No
Detection Rate: 76.7%				

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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	No
6	18	1.0u	1.428m	No
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	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 90 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	3.2u	204.0u	Yes
2	26	3.5u	154.0u	No

3	24	1.8u	196.0u	Yes
4	28	3.8u	186.0u	No
5	28	2.8u	226.0u	Yes
6	24	4.1u	163.0u	No
7	28	4.8u	197.0u	Yes
8	26	2.7u	186.0u	Yes
9	23	4.0u	161.0u	No
10	24	2.0u	196.0u	Yes
11	28	4.1u	204.0u	Yes
12	27	4.1u	185.0u	Yes
13	25	2.2u	184.0u	Yes
14	23	1.9u	211.0u	Yes
15	28	4.2u	220.0u	Yes
16	27	2.6u	230.0u	Yes
17	26	2.9u	162.0u	Yes
18	27	4.9u	230.0u	Yes
19	23	4.6u	216.0u	Yes
20	24	4.2u	181.0u	Yes
21	25	4.1u	168.0u	Yes
22	28	4.3u	200.0u	Yes
23	23	1.2u	195.0u	Yes
24	25	3.0u	170.0u	Yes
25	28	1.4u	227.0u	Yes
26	24	2.5u	185.0u	No
27	24	2.4u	161.0u	Yes
28	26	4.8u	223.0u	Yes
29	27	3.4u	229.0u	Yes
30	26	3.9u	215.0u	No
Detection Rate: 80%				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	9.4u	375.0u	Yes
2	18	9.9u	245.0u	Yes
3	18	8.3u	367.0u	Yes
4	16	7.2u	433.0u	Yes
5	16	9.3u	375.0u	No
6	16	6.6u	270.0u	Yes
7	18	8.7u	466.0u	Yes
8	17	6.1u	477.0u	Yes
9	17	6.7u	381.0u	Yes
10	17	7.3u	389.0u	Yes
11	17	8.7u	436.0u	No
12	17	8.9u	354.0u	Yes
13	17	8.2u	230.0u	Yes
14	18	7.0u	336.0u	Yes
15	18	8.3u	450.0u	No
16	18	7.8u	286.0u	Yes
17	17	9.1u	317.0u	Yes
18	18	6.0u	492.0u	No
19	16	9.1u	397.0u	Yes
20	17	8.1u	209.0u	Yes
21	16	6.0u	205.0u	Yes
22	18	8.9u	497.0u	Yes
23	18	6.0u	285.0u	Yes
24	17	7.4u	469.0u	No
25	17	8.4u	403.0u	Yes
26	16	7.0u	229.0u	Yes
27	17	9.5u	449.0u	No
28	17	7.8u	232.0u	Yes
29	17	9.7u	393.0u	Yes
30	17	6.2u	237.0u	Yes
				Detection Rate: 80 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	17.1u	302.0u	Yes
2	15	19.7u	419.0u	No
3	13	19.5u	210.0u	No
4	14	14.5u	369.0u	Yes
5	15	13.9u	232.0u	Yes
6	15	11.1u	293.0u	Yes
7	14	15.3u	372.0u	Yes
8	15	16.4u	458.0u	Yes
9	14	13.7u	222.0u	Yes
10	14	11.3u	455.0u	No
11	16	11.8u	312.0u	Yes
12	12	15.9u	330.0u	Yes
13	15	19.0u	483.0u	No
14	14	13.3u	487.0u	Yes
15	16	16.5u	452.0u	Yes
16	15	17.8u	219.0u	Yes
17	15	18.1u	353.0u	Yes
18	13	14.4u	292.0u	Yes
19	15	15.4u	344.0u	Yes
20	13	12.8u	418.0u	Yes
21	13	18.8u	358.0u	Yes
22	13	11.2u	389.0u	No
23	15	15.7u	270.0u	Yes
24	14	16.8u	254.0u	Yes
25	15	14.3u	390.0u	No
26	13	13.3u	330.0u	Yes
27	13	11.7u	459.0u	No
28	15	13.5u	373.0u	Yes
29	14	19.1u	368.0u	Yes
30	15	14.6u	419.0u	Yes
Detection Rate: 76.7 %				

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

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	No
8	9	1.0u	333.0u	No
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	No
15	9	1.0u	333.0u	No
16	9	1.0u	333.0u	No
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	No
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	No
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: 76.7 %				

Annex-A2 : The Long Pulse Radar Pattern

IEEE 802.11N 20MHz

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	3	6M	89.9u	1.453m	1.143m	78.69m
2	1	5M	73.5u	-	-	243.3m
3	3	20M	84.0u	1.174m	1.176m	761.1m
4	2	18M	94.7u	1.582m	-	10.09m
5	1	18M	84.9u	-	-	736.4m
6	2	6M	92.7u	1.209m	-	18.46m
7	2	17M	66.6u	977.4u	-	37.41m
8	2	9M	79.4u	1.798m	-	298.9m
9	2	8M	89.9u	1.584m	-	762.1m
10	3	14M	61.2u	938.8u	1.301m	595.7m
11	3	8M	69.3u	1.121m	1.843m	518.0m
12	3	6M	64.9u	946.1u	1.278m	420.3m
13	2	15M	51.3u	1.144m	-	206.4m
14	1	6M	99.6u	-	-	651.2m
15	2	14M	85.4u	1.822m	-	593.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	52.9u	1.458m	1.893m	753.9m
2	3	15M	66.0u	1.128m	1.074m	174.9m
3	1	9M	52.0u	-	-	173.3m
4	2	6M	60.8u	1.178m	-	984.6m
5	3	7M	86.0u	1.886m	1.281m	40.54m
6	2	13M	64.1u	1.350m	-	244.1m
7	2	9M	77.6u	1.587m	-	1.024
8	2	18M	79.3u	1.453m	-	673.3m
9	3	10M	92.3u	1.365m	1.325m	584.8m
10	2	17M	83.9u	1.553m	-	360.4m
11	2	18M	94.1u	961.9u	-	199.5m

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	3	16M	53.2u	1.228m	1.347m	451.6m
2	3	7M	67.8u	1.136m	1.147m	705.9m
3	3	17M	92.9u	1.718m	1.710m	781.1m
4	2	11M	99.8u	1.848m	-	253.3m
5	1	11M	93.1u	-	-	519.8m
6	2	19M	65.3u	1.057m	-	6.972m
7	2	5M	84.8u	1.380m	-	967.2m
8	1	19M	51.0u	-	-	430.3m
9	2	9M	73.6u	1.472m	-	215.0m
10	1	20M	95.3u	-	-	286.7m
11	2	14M	64.6u	1.331m	-	163.7m
12	2	13M	78.2u	1.759m	-	395.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	54.1u	1.810m	1.483m	173.8m
2	2	19M	80.1u	941.9u	-	544.6m
3	2	11M	86.1u	1.409m	-	82.74m
4	1	9M	69.6u	-	-	469.4m
5	1	11M	89.5u	-	-	29.70m
6	1	16M	89.6u	-	-	229.8m
7	3	20M	89.9u	934.1u	1.385m	430.1m
8	2	12M	61.3u	1.247m	-	555.8m
9	2	9M	80.4u	1.581m	-	265.1m
10	1	12M	60.3u	-	-	387.5m
11	2	10M	86.6u	1.570m	-	568.0m
12	1	18M	75.7u	-	-	70.21m
13	2	7M	68.5u	1.099m	-	198.1m
14	3	19M	85.4u	1.284m	1.060m	116.0m
15	2	9M	59.0u	944.0u	-	629.3m
16	2	20M	82.5u	1.677m	-	382.2m
17	2	7M	92.9u	1.077m	-	620.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	55.1u	-	-	800.5m
2	2	8M	99.4u	1.149m	-	193.6m
3	2	14M	80.0u	1.300m	-	886.2m
4	2	15M	59.7u	1.079m	-	536.4m
5	2	11M	59.3u	1.604m	-	1.280
6	2	17M	80.3u	1.100m	-	57.10m
7	2	6M	57.7u	1.691m	-	351.1m
8	3	8M	80.3u	1.062m	1.426m	1.231
9	3	8M	74.5u	944.5u	1.831m	524.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	10M	99.1u	1.359m	-	581.0m
2	1	7M	55.7u	-	-	165.9m
3	3	18M	72.3u	1.176m	1.890m	671.6m
4	3	13M	69.3u	1.524m	1.556m	1.428
5	1	11M	61.0u	-	-	989.2m
6	2	10M	50.6u	1.346m	-	315.4m
7	2	14M	63.6u	1.123m	-	563.2m
8	2	7M	76.1u	1.379m	-	491.0m

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	2	15M	70.0u	1.246m	-	422.1m
2	2	7M	81.7u	1.193m	-	2.813m
3	2	13M	90.2u	1.375m	-	422.7m
4	3	15M	71.9u	1.747m	973.1u	1.175
5	2	12M	77.8u	1.588m	-	395.9m
6	2	16M	84.7u	1.762m	-	1.151
7	2	16M	79.7u	1.246m	-	964.1m
8	2	10M	72.7u	1.731m	-	825.6m
9	1	12M	74.9u	-	-	56.04m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	18M	63.3u	1.658m	-	532.6m
2	1	15M	80.9u	-	-	512.4m
3	2	14M	60.3u	1.799m	-	524.2m
4	3	6M	81.0u	1.611m	1.619m	427.7m
5	2	9M	74.8u	1.068m	-	394.7m
6	1	13M	72.8u	-	-	620.9m
7	3	16M	91.0u	1.163m	1.551m	652.8m
8	2	13M	97.5u	1.084m	-	718.8m
9	1	9M	90.9u	-	-	487.2m
10	2	13M	53.9u	1.579m	-	633.0m
11	2	16M	68.6u	933.4u	-	269.4m
12	1	6M	78.1u	-	-	251.9m
13	2	11M	91.2u	1.510m	-	184.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	16M	89.8u	1.243m	-	797.2m
2	3	7M	91.8u	1.765m	1.134m	975.6m
3	3	11M	75.8u	1.493m	1.104m	495.9m
4	3	11M	79.1u	971.9u	1.876m	448.2m
5	1	7M	87.0u	-	-	253.2m
6	1	14M	55.2u	-	-	280.9m
7	3	19M	88.1u	1.827m	930.9u	96.94m
8	1	19M	69.0u	-	-	258.2m
9	3	9M	99.3u	1.530m	1.403m	55.93m
10	3	12M	73.7u	931.3u	1.324m	889.6m
11	2	10M	70.2u	1.272m	-	208.1m
12	2	19M	56.6u	1.087m	-	308.7m

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	19M	75.4u	1.831m	-	307.2m
2	1	9M	73.8u	-	-	341.8m
3	1	14M	53.6u	-	-	490.2m
4	1	14M	65.9u	-	-	541.5m
5	2	13M	68.2u	1.454m	-	553.8m
6	1	13M	51.2u	-	-	869.5m
7	2	10M	73.1u	1.508m	-	255.7m
8	1	9M	67.2u	-	-	917.6m
9	1	11M	52.5u	-	-	483.2m
10	1	19M	70.4u	-	-	828.4m
11	2	18M	60.4u	1.440m	-	116.4m
12	1	11M	58.7u	-	-	306.2m
13	2	19M	68.2u	1.296m	-	236.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	59.9u	1.673m	-	561.5m
2	2	14M	89.5u	1.507m	-	550.6m
3	2	16M	78.0u	1.516m	-	96.21m
4	2	12M	85.9u	1.692m	-	571.8m
5	2	10M	87.7u	1.232m	-	733.9m
6	2	20M	71.2u	1.250m	-	374.6m
7	3	16M	99.8u	1.168m	1.091m	288.6m
8	2	10M	78.9u	991.1u	-	430.0m
9	3	14M	79.9u	1.071m	1.526m	692.9m
10	3	16M	67.9u	1.490m	1.290m	186.1m
11	1	10M	55.8u	-	-	684.3m
12	2	13M	92.4u	1.184m	-	602.1m
13	1	17M	85.8u	-	-	238.6m
14	2	16M	84.7u	1.114m	-	848.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	98.2u	1.067m	-	446.6m
2	1	11M	81.4u	-	-	260.2m
3	2	8M	94.9u	1.307m	-	240.0m
4	2	17M	93.6u	1.154m	-	414.8m
5	2	17M	73.0u	1.261m	-	655.7m
6	1	12M	87.7u	-	-	362.0m
7	1	11M	63.5u	-	-	498.5m
8	1	10M	57.7u	-	-	60.89m
9	3	7M	82.3u	1.716m	1.186m	492.6m
10	3	7M	98.8u	1.786m	1.645m	567.9m
11	2	9M	69.6u	1.714m	-	366.3m
12	1	10M	82.5u	-	-	407.6m
13	2	11M	94.3u	911.7u	-	519.8m
14	2	8M	95.5u	1.858m	-	639.9m
15	2	8M	96.7u	1.449m	-	264.4m
16	1	17M	86.4u	-	-	553.8m
17	2	15M	68.1u	950.9u	-	7.854m
18	2	14M	73.5u	1.615m	-	621.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	17M	67.8u	1.798m	1.567m	1.086
2	2	6M	61.4u	1.301m	-	277.5m
3	2	8M	75.3u	948.7u	-	1.184m
4	1	8M	67.6u	-	-	846.2m
5	1	15M	52.3u	-	-	94.72m
6	2	15M	71.2u	1.600m	-	356.1m
7	2	11M	94.9u	1.461m	-	979.2m
8	1	8M	75.9u	-	-	65.67m
9	2	15M	87.7u	1.802m	-	1.089
10	2	11M	98.1u	1.735m	-	855.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
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	17M	65.0u	1.921m	1.733m	612.2m
2	3	8M	79.7u	1.301m	1.398m	21.32m
3	2	5M	53.8u	1.724m	-	111.4m
4	1	8M	78.6u	-	-	324.0m
5	1	13M	91.3u	-	-	332.3m
6	2	5M	73.3u	1.008m	-	837.1m
7	2	14M	65.6u	1.820m	-	383.6m
8	2	11M	69.6u	1.333m	-	125.3m
9	3	10M	91.3u	1.397m	990.7u	73.90m
10	3	7M	76.0u	1.516m	1.370m	789.0m
11	3	11M	56.8u	1.280m	1.934m	34.29m
12	1	15M	60.4u	-	-	600.1m
13	3	7M	89.7u	1.516m	1.330m	749.2m
14	3	14M	82.2u	1.522m	1.235m	641.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
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	7M	68.6u	1.329m	-	392.1m
2	2	7M	54.1u	1.625m	-	39.91m
3	3	7M	55.2u	1.652m	1.493m	319.5m
4	1	19M	60.8u	-	-	459.2m
5	1	7M	59.3u	-	-	3.736m
6	2	17M	99.0u	977.0u	-	622.2m
7	2	16M	51.6u	1.300m	-	344.2m
8	1	8M	61.2u	-	-	655.9m
9	2	14M	66.9u	1.143m	-	455.6m
10	1	18M	53.5u	-	-	658.4m
11	3	6M	69.8u	1.116m	1.784m	19.28m
12	3	7M	96.0u	1.067m	1.445m	295.4m
13	1	13M	63.6u	-	-	472.2m
14	3	16M	71.7u	1.384m	1.394m	680.2m
15	3	7M	76.7u	1.322m	1.083m	550.3m
16	1	12M	73.7u	-	-	333.5m
17	1	19M	89.0u	-	-	599.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	16M	82.4u	1.049m	1.441m	1.001
2	2	12M	98.8u	1.301m	-	996.3m
3	2	14M	57.7u	1.380m	-	1.206
4	2	14M	96.0u	1.376m	-	172.7m
5	1	8M	87.5u	-	-	878.0u
6	3	19M	65.3u	1.398m	1.191m	1.236
7	2	14M	87.5u	1.685m	-	59.85m
8	3	7M	93.8u	1.478m	1.654m	1.241
9	2	10M	72.5u	1.426m	-	620.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	63.5u	1.154m	-	597.9m
2	2	11M	53.6u	1.503m	-	437.9m
3	3	8M	94.4u	1.574m	1.009m	725.8m
4	3	11M	90.0u	1.445m	1.160m	1.300
5	1	18M	70.1u	-	-	783.2m
6	2	18M	74.6u	1.245m	-	49.04m
7	2	19M	99.7u	1.094m	-	649.2m
8	3	8M	84.9u	1.687m	1.731m	890.7m
9	1	18M	52.8u	-	-	255.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
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	14M	96.8u	-	-	314.5m
2	3	12M	63.2u	1.786m	1.187m	956.6m
3	1	6M	77.5u	-	-	692.1m
4	1	19M	89.5u	-	-	601.9m
5	2	13M	59.1u	1.122m	-	187.2m
6	2	8M	99.4u	1.185m	-	98.82m
7	2	18M	75.8u	1.657m	-	801.0m
8	3	11M	56.8u	1.164m	1.863m	250.7m
9	2	13M	81.1u	1.037m	-	236.6m
10	3	19M	72.4u	1.307m	1.218m	702.0m
11	2	16M	86.2u	1.731m	-	713.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	73.8u	1.390m	-	1.132
2	3	6M	77.2u	1.727m	1.791m	1.058
3	3	18M	97.2u	1.689m	1.294m	687.6m
4	1	14M	92.3u	-	-	1.266
5	2	11M	52.8u	1.361m	-	727.7m
6	2	11M	86.1u	1.642m	-	99.45m
7	1	8M	76.5u	-	-	242.7m
8	3	16M	83.3u	1.447m	1.762m	1.103
9	2	11M	93.2u	1.201m	-	1.219

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	13M	84.3u	1.231m	-	257.1m
2	3	15M	75.7u	1.449m	1.172m	245.9m
3	2	7M	54.2u	1.743m	-	26.46m
4	2	17M	63.8u	1.287m	-	929.6m
5	3	13M	95.1u	1.555m	1.295m	741.0m
6	2	15M	84.0u	1.245m	-	185.6m
7	2	9M	82.9u	1.914m	-	659.5m
8	2	13M	64.5u	1.430m	-	373.9m
9	3	7M	65.0u	1.837m	1.793m	178.0m
10	2	15M	82.3u	1.503m	-	990.2m
11	2	11M	64.2u	1.406m	-	702.1m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	89.7u	1.216m	1.562m	192.1m
2	3	10M	64.0u	1.736m	1.155m	559.8m
3	3	14M	66.4u	999.6u	978.6u	342.3m
4	2	13M	76.5u	1.203m	-	175.6m
5	1	6M	89.2u	-	-	255.7m
6	1	15M	78.9u	-	-	399.8m
7	2	14M	58.8u	1.845m	-	255.9m
8	3	11M	96.5u	1.602m	1.035m	294.8m
9	1	19M	81.1u	-	-	158.7m
10	2	10M	86.9u	1.651m	-	332.0m
11	1	8M	71.2u	-	-	348.0m
12	3	6M	60.4u	1.774m	1.313m	496.8m
13	1	17M	81.8u	-	-	470.7m
14	3	16M	67.0u	1.557m	1.142m	422.3m
15	1	12M	85.8u	-	-	19.29m
16	2	6M	62.6u	1.719m	-	64.80m
17	2	8M	73.0u	1.471m	-	25.58m
18	3	15M	88.1u	1.824m	1.099m	136.5m
19	3	19M	62.7u	1.063m	1.376m	83.28m
20	2	15M	73.1u	1.193m	-	345.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	17M	54.4u	-	-	108.9m
2	2	6M	86.7u	1.612m	-	297.8m
3	2	7M	75.0u	1.184m	-	168.7m
4	1	7M	87.5u	-	-	145.5m
5	3	10M	97.1u	971.9u	1.860m	405.2m
6	2	11M	86.8u	1.857m	-	611.3m
7	2	8M	94.9u	1.521m	-	503.1m
8	1	9M	55.8u	-	-	163.7m
9	2	9M	94.1u	1.783m	-	230.2m
10	3	8M	70.9u	1.464m	1.385m	652.9m
11	2	14M	61.2u	1.588m	-	404.1m
12	3	20M	79.3u	1.219m	1.893m	162.4m
13	2	11M	61.9u	1.837m	-	733.6m
14	2	19M	70.9u	1.418m	-	321.3m
15	2	11M	77.9u	1.369m	-	292.8m
16	2	11M	99.8u	1.226m	-	570.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	71.7u	1.046m	-	581.7m
2	3	19M	70.9u	1.169m	1.232m	1.073
3	3	16M	60.1u	1.737m	1.732m	729.2m
4	3	19M	99.0u	1.518m	1.631m	822.9m
5	1	6M	53.0u	-	-	1.175
6	2	7M	52.3u	1.471m	-	938.7m
7	2	6M	84.1u	1.157m	-	594.6m
8	2	19M	98.5u	1.819m	-	1.125
9	2	8M	82.1u	1.905m	-	639.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	52.2u	1.467m	-	55.71m
2	1	11M	90.9u	-	-	467.7m
3	2	20M	89.8u	1.822m	-	162.1m
4	1	5M	91.4u	-	-	136.5m
5	3	13M	80.3u	1.302m	1.004m	426.6m
6	3	14M	83.0u	1.352m	1.281m	425.9m
7	3	19M	84.1u	1.033m	1.114m	147.1m
8	2	7M	58.1u	1.909m	-	26.08m
9	3	18M	71.1u	1.171m	1.825m	300.2m
10	1	11M	91.2u	-	-	213.1m
11	2	8M	59.7u	1.760m	-	295.1m
12	3	6M	91.2u	1.495m	1.243m	219.6m
13	2	14M	66.2u	1.790m	-	530.0m
14	2	16M	85.1u	1.360m	-	390.9m
15	1	19M	67.4u	-	-	565.4m
16	2	14M	52.1u	1.779m	-	82.04m
17	3	16M	54.0u	1.237m	1.581m	487.3m
18	2	15M	72.5u	1.479m	-	264.6m
19	2	8M	53.3u	1.450m	-	205.4m
20	1	18M	78.0u	-	-	355.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	9M	91.7u	-	-	283.8m
2	1	7M	81.9u	-	-	575.8m
3	1	9M	93.7u	-	-	257.4m
4	1	13M	94.5u	-	-	470.3m
5	2	14M	59.3u	1.631m	-	389.6m
6	1	19M	78.3u	-	-	773.5m
7	1	12M	63.5u	-	-	212.6m
8	2	6M	58.8u	1.178m	-	482.5m
9	2	10M	56.0u	946.0u	-	271.5m
10	2	20M	66.0u	1.179m	-	347.8m
11	2	13M	83.3u	958.7u	-	83.60m
12	2	7M	98.6u	1.646m	-	282.2m
13	3	5M	63.0u	1.086m	1.928m	783.7m
14	1	10M	77.7u	-	-	296.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
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	51.9u	-	-	163.9m
2	2	10M	71.4u	1.568m	-	910.2m
3	1	11M	52.3u	-	-	955.0m
4	2	10M	56.8u	1.201m	-	155.7m
5	2	7M	52.4u	1.297m	-	458.8m
6	3	8M	77.0u	1.477m	1.915m	827.4m
7	1	17M	76.1u	-	-	909.6m
8	2	11M	97.9u	1.658m	-	292.9m
9	3	7M	58.4u	1.715m	1.679m	702.0m
10	2	17M	72.5u	1.807m	-	950.8m
11	1	18M	97.1u	-	-	678.6m
12	2	15M	84.9u	1.297m	-	538.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
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	7M	67.2u	1.876m	1.307m	349.1m
2	3	8M	71.3u	962.7u	1.736m	42.56m
3	2	13M	57.2u	1.599m	-	255.1m
4	1	18M	61.0u	-	-	377.3m
5	3	17M	82.6u	1.217m	1.345m	735.3m
6	3	16M	63.5u	1.500m	1.764m	210.6m
7	2	18M	97.8u	1.375m	-	590.9m
8	3	17M	55.3u	1.593m	1.560m	375.5m
9	1	12M	81.2u	-	-	85.21m
10	1	6M	64.6u	-	-	457.0m
11	1	8M	58.1u	-	-	158.8m
12	3	19M	95.7u	1.002m	1.476m	335.6m
13	2	8M	52.7u	1.607m	-	335.3m
14	3	16M	75.4u	1.858m	967.6u	638.6m
15	2	19M	50.1u	1.501m	-	254.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	50.8u	1.833m	1.230m	242.2m
2	3	5M	96.5u	1.125m	1.458m	406.8m
3	2	9M	61.0u	1.020m	-	23.24m
4	2	19M	71.2u	1.848m	-	207.0m
5	2	11M	58.0u	1.582m	-	218.1m
6	2	19M	59.2u	1.441m	-	473.1m
7	2	14M	67.4u	1.679m	-	454.8m
8	2	17M	58.0u	1.448m	-	453.1m
9	1	6M	54.3u	-	-	230.6m
10	3	17M	58.1u	1.394m	1.778m	67.51m
11	1	8M	57.8u	-	-	358.7m
12	2	17M	92.1u	1.621m	-	247.6m
13	2	17M	84.9u	921.1u	-	432.8m
14	2	15M	85.3u	1.361m	-	274.2m
15	2	11M	70.9u	1.157m	-	310.0m
16	2	15M	59.2u	1.869m	-	577.2m
17	1	14M	80.6u	-	-	413.3m
18	1	11M	64.9u	-	-	418.9m
19	2	13M	62.0u	1.159m	-	373.3m
20	3	16M	81.7u	1.248m	1.839m	412.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	11M	91.6u	1.085m	-	122.4m
2	2	6M	98.9u	1.422m	-	442.7m
3	1	18M	95.7u	-	-	392.4m
4	2	15M	79.8u	1.415m	-	63.90m
5	2	18M	65.2u	1.909m	-	160.3m
6	2	19M	92.9u	951.1u	-	621.1m
7	2	16M	95.1u	1.548m	-	549.0m
8	1	7M	79.2u	-	-	669.3m
9	2	8M	92.2u	1.306m	-	330.3m
10	2	19M	69.7u	1.848m	-	408.2m
11	2	16M	98.0u	1.410m	-	1.841m
12	1	14M	57.5u	-	-	66.87m
13	2	11M	57.3u	1.161m	-	481.7m
14	3	17M	68.0u	1.562m	1.508m	214.2m
15	1	13M	65.7u	-	-	527.8m
16	2	17M	80.0u	1.632m	-	377.5m

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	3	7M	51.5u	1.747m	1.622m	193.2m
2	2	8M	75.9u	1.116m	-	75.39m
3	3	12M	53.5u	1.739m	1.377m	30.33m
4	1	20M	78.6u	-	-	952.2m
5	2	14M	56.6u	1.113m	-	311.5m
6	2	18M	55.5u	1.063m	-	120.2m
7	1	13M	79.9u	-	-	61.06m
8	3	13M	93.0u	957.0u	1.304m	286.9m
9	2	8M	80.1u	1.568m	-	317.1m
10	3	13M	97.5u	1.054m	1.891m	36.89m
11	1	11M	71.4u	-	-	1.028

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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	9M	68.8u	1.831m	1.095m	538.7m
2	1	13M	62.0u	-	-	204.1m
3	1	13M	92.3u	-	-	373.6m
4	2	20M	62.1u	1.561m	-	979.4m
5	1	10M	80.2u	-	-	529.2m
6	1	8M	93.5u	-	-	636.9m
7	3	13M	61.5u	1.293m	1.387m	433.5m
8	2	6M	95.2u	1.485m	-	133.7m
9	2	7M	60.3u	1.704m	-	136.3m
10	2	8M	70.3u	1.863m	-	665.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	98.4u	-	-	438.3m
2	1	18M	100.0u	-	-	1.194
3	2	17M	83.0u	1.166m	-	1.298
4	2	13M	50.8u	1.304m	-	1.021
5	2	11M	69.9u	1.741m	-	775.8m
6	3	20M	97.5u	1.298m	1.006m	74.99m
7	3	20M	66.2u	1.307m	1.842m	622.1m
8	2	15M	75.5u	1.533m	-	1.220
9	3	13M	95.6u	1.389m	1.039m	1.199

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_03

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	8M	77.5u	1.079m	-	470.2m
2	3	13M	89.7u	1.320m	1.358m	189.9m
3	3	20M	89.8u	1.746m	1.678m	432.4m
4	3	11M	91.5u	1.525m	1.897m	227.8m
5	1	12M	69.6u	-	-	650.7m
6	2	7M	59.3u	1.170m	-	14.73m
7	2	13M	69.0u	1.563m	-	566.3m
8	2	10M	94.7u	1.624m	-	339.9m
9	1	7M	52.7u	-	-	487.6m
10	3	10M	55.3u	1.491m	1.921m	439.5m
11	3	17M	50.7u	1.181m	1.405m	175.3m
12	2	8M	90.0u	1.384m	-	483.7m
13	2	17M	75.6u	1.875m	-	196.9m
14	3	8M	89.3u	1.710m	1.877m	473.9m
15	1	9M	68.8u	-	-	6.997m
16	2	14M	60.7u	1.197m	-	586.3m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_04

Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	75.1u	1.601m	-	340.9m
2	3	17M	50.2u	1.588m	1.701m	403.1m
3	2	12M	72.7u	1.887m	-	156.7m
4	2	8M	61.9u	1.127m	-	437.8m
5	2	7M	64.4u	1.506m	-	430.4m
6	2	8M	67.3u	1.364m	-	480.7m
7	2	18M	66.6u	1.925m	-	179.2m
8	2	13M	51.7u	1.380m	-	244.7m
9	3	15M	73.5u	958.5u	1.699m	158.5m
10	2	13M	59.9u	1.289m	-	363.5m
11	3	7M	58.7u	1.461m	1.690m	616.8m
12	2	19M	55.3u	1.724m	-	381.1m
13	2	13M	85.7u	1.356m	-	307.4m
14	2	8M	76.2u	973.8u	-	338.7m
15	2	18M	87.3u	1.107m	-	340.5m
16	2	12M	78.4u	1.877m	-	59.64m
17	3	12M	68.7u	1.744m	1.452m	151.2m
18	2	9M	87.3u	1.545m	-	336.8m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_05

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	11M	68.4u	1.125m	-	722.7m
2	1	19M	63.3u	-	-	337.5m
3	1	9M	63.5u	-	-	678.9m
4	1	6M	73.8u	-	-	417.3m
5	2	10M	67.1u	1.039m	-	662.5m
6	2	16M	89.8u	1.384m	-	39.21m
7	2	12M	98.7u	951.3u	-	194.0m
8	2	18M	83.4u	1.490m	-	17.89m
9	1	11M	50.5u	-	-	298.3m
10	2	6M	96.8u	1.568m	-	169.8m
11	2	6M	50.6u	1.192m	-	476.1m
12	2	6M	89.0u	1.044m	-	228.3m
13	2	5M	75.1u	1.344m	-	362.3m
14	2	14M	52.5u	1.249m	-	289.7m
15	3	13M	58.1u	1.822m	1.258m	24.02m
16	2	14M	81.9u	1.477m	-	529.9m

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	19M	58.1u	1.939m	-	26.43m
2	1	11M	84.9u	-	-	301.0m
3	2	12M	90.7u	1.073m	-	661.3m
4	2	9M	69.0u	999.0u	-	111.6m
5	3	6M	66.6u	1.205m	1.587m	404.0m
6	1	18M	57.1u	-	-	76.05m
7	2	18M	64.9u	1.844m	-	405.3m
8	1	8M	65.9u	-	-	212.5m
9	2	12M	76.7u	1.508m	-	177.4m
10	2	18M	90.0u	1.751m	-	747.8m
11	2	14M	57.3u	1.394m	-	607.2m
12	3	8M	61.5u	1.569m	1.396m	616.3m
13	3	6M	93.2u	1.798m	1.644m	432.6m
14	2	6M	57.2u	1.267m	-	237.2m
15	2	15M	88.7u	1.819m	-	694.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
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	7M	94.6u	1.328m	1.145m	628.7m
2	2	9M	92.1u	1.482m	-	166.5m
3	2	15M	86.6u	1.233m	-	233.4m
4	2	12M	70.2u	1.140m	-	523.3m
5	2	16M	95.5u	1.218m	-	678.9m
6	1	13M	52.1u	-	-	425.2m
7	2	15M	86.7u	1.145m	-	739.1m
8	3	16M	70.5u	1.278m	1.453m	762.6m
9	1	20M	86.7u	-	-	144.3m
10	3	18M	54.5u	1.793m	1.770m	116.3m
11	3	10M	79.1u	1.331m	1.669m	517.8m
12	1	11M	95.3u	-	-	107.0m
13	2	19M	68.5u	1.723m	-	20.27m
14	2	16M	76.1u	1.641m	-	86.70m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

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	17M	52.9u	-	-	266.3m
2	2	16M	83.0u	1.292m	-	613.7m
3	3	16M	66.6u	1.459m	1.783m	666.5m
4	2	17M	80.8u	1.314m	-	664.9m
5	3	16M	53.7u	1.283m	1.316m	17.11m
6	2	16M	98.3u	1.737m	-	225.7m
7	1	12M	61.2u	-	-	399.0m
8	2	15M	99.1u	1.183m	-	476.9m
9	2	17M	71.5u	1.019m	-	244.0m
10	3	8M	99.6u	1.183m	1.612m	347.9m
11	1	10M	61.9u	-	-	592.1m
12	1	17M	60.6u	-	-	10.76m
13	1	18M	69.5u	-	-	504.3m
14	2	7M	54.6u	1.727m	-	624.9m
15	1	7M	80.0u	-	-	618.1m
16	1	16M	97.4u	-	-	108.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	12M	79.6u	1.843m	-	262.2m
2	3	6M	75.1u	1.636m	1.224m	695.1m
3	3	17M	79.2u	1.422m	1.591m	672.3m
4	2	6M	59.2u	1.184m	-	275.9m
5	2	18M	84.6u	961.4u	-	576.7m
6	3	17M	54.2u	976.8u	1.535m	283.1m
7	3	9M	56.9u	1.597m	1.529m	324.1m
8	3	6M	91.6u	1.801m	992.4u	223.7m
9	1	6M	51.3u	-	-	309.3m
10	3	11M	70.7u	1.834m	950.3u	608.5m
11	1	17M	73.1u	-	-	287.3m
12	1	16M	54.7u	-	-	215.8m
13	1	9M	73.9u	-	-	808.0m
14	1	11M	99.7u	-	-	535.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
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	12M	96.0u	941.0u	-	365.7m
2	2	17M	64.1u	1.402m	-	735.8m
3	1	19M	66.2u	-	-	334.5m
4	2	18M	72.5u	1.252m	-	854.1m
5	3	9M	94.4u	1.407m	1.835m	218.5m
6	3	18M	85.8u	953.2u	1.779m	752.9m
7	1	8M	79.8u	-	-	1.303
8	3	14M	52.1u	991.9u	1.396m	252.6m
9	3	11M	96.9u	1.370m	1.895m	77.82m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	5M	95.3u	-	-	521.5m
2	2	14M	82.6u	1.890m	-	625.3m
3	2	17M	87.5u	1.124m	-	515.2m
4	2	8M	64.8u	1.701m	-	109.2m
5	1	9M	93.5u	-	-	631.0m
6	1	13M	93.9u	-	-	557.4m
7	2	20M	86.7u	1.910m	-	272.9m
8	2	8M	87.0u	1.398m	-	403.7m
9	2	16M	69.4u	1.177m	-	403.4m
10	3	19M	82.7u	1.799m	990.3u	482.3m
11	1	16M	91.3u	-	-	113.6m
12	2	5M	73.6u	1.188m	-	180.9m
13	3	6M	57.7u	1.707m	1.402m	519.9m
14	1	13M	84.5u	-	-	227.3m
15	2	10M	71.4u	1.434m	-	674.7m
16	1	9M	80.3u	-	-	17.37m
17	2	11M	98.9u	1.823m	-	82.41m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	3	9M	63.0u	1.397m	1.629m	463.4m
2	1	10M	88.1u	-	-	598.4m
3	2	11M	98.3u	1.266m	-	975.9m
4	1	6M	78.6u	-	-	1.364
5	2	18M	61.7u	1.933m	-	618.9m
6	2	17M	59.1u	1.151m	-	298.5m
7	3	11M	65.6u	1.344m	1.196m	1.479
8	1	6M	86.0u	-	-	879.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	8M	83.0u	1.571m	-	102.1m
2	2	8M	84.3u	1.184m	-	117.9m
3	2	18M	99.5u	1.048m	-	408.2m
4	3	6M	90.4u	1.109m	1.696m	511.5m
5	3	16M	99.9u	986.1u	1.873m	283.2m
6	2	12M	93.1u	1.168m	-	238.9m
7	1	20M	75.0u	-	-	451.5m
8	3	18M	77.7u	1.354m	1.819m	563.9m
9	2	10M	58.3u	1.361m	-	166.2m
10	3	15M	59.0u	1.118m	943.0u	315.5m
11	1	6M	72.8u	-	-	221.2m
12	2	6M	61.0u	1.424m	-	419.8m
13	3	16M	76.5u	1.574m	1.205m	584.2m
14	2	6M	79.6u	1.180m	-	444.4m
15	2	16M	53.2u	1.836m	-	305.9m
16	3	6M	81.8u	1.612m	1.331m	324.7m
17	3	16M	94.9u	1.598m	1.038m	238.8m
18	1	15M	85.8u	-	-	51.91m
19	1	8M	65.5u	-	-	30.34m
20	2	6M	52.7u	1.807m	-	234.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
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	13M	93.9u	-	-	247.1m
2	1	6M	67.9u	-	-	406.1m
3	1	20M	95.2u	-	-	437.5m
4	1	13M	57.9u	-	-	402.3m
5	1	8M	88.4u	-	-	27.59m
6	3	10M	65.4u	1.749m	1.509m	179.1m
7	2	16M	79.2u	1.013m	-	748.4m
8	2	17M	94.0u	1.032m	-	329.5m
9	1	13M	75.6u	-	-	34.02m
10	2	12M	88.1u	1.029m	-	902.5m
11	3	9M	87.6u	1.858m	1.825m	169.5m
12	2	9M	88.3u	1.481m	-	462.0m
13	2	13M	52.9u	1.568m	-	888.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	71.6u	1.683m	-	233.8m
2	2	6M	54.9u	1.793m	-	916.9m
3	3	9M	91.2u	1.810m	1.436m	472.8m
4	3	13M	60.4u	1.549m	1.035m	702.3m
5	2	13M	93.1u	1.169m	-	702.4m
6	2	17M	69.8u	1.586m	-	578.6m
7	3	9M	77.2u	1.318m	1.827m	780.6m
8	2	15M	74.2u	986.8u	-	779.0m
9	3	18M	54.1u	1.016m	1.907m	119.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	75.6u	1.641m	1.498m	920.2m
2	3	16M	75.4u	1.709m	1.070m	357.1m
3	3	11M	77.0u	1.337m	1.590m	887.9m
4	1	18M	81.4u	-	-	1.149
5	1	11M	63.6u	-	-	202.1m
6	2	16M	55.0u	1.653m	-	194.8m
7	1	15M	69.3u	-	-	1.111
8	3	16M	90.3u	1.169m	1.556m	753.3m
9	1	13M	96.1u	-	-	209.8m
10	2	15M	68.0u	1.631m	-	475.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
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	16M	64.8u	1.510m	-	471.5m
2	2	13M	99.7u	1.090m	-	417.6m
3	2	6M	77.7u	1.661m	-	124.0m
4	2	11M	80.0u	1.764m	-	409.7m
5	2	9M	75.8u	1.428m	-	537.7m
6	1	16M	71.2u	-	-	61.36m
7	1	11M	74.0u	-	-	344.4m
8	1	10M	67.8u	-	-	304.7m
9	3	7M	50.6u	1.547m	1.359m	562.6m
10	2	14M	53.6u	1.822m	-	372.3m
11	2	15M	93.3u	960.7u	-	88.85m
12	2	8M	78.8u	1.737m	-	193.4m
13	2	13M	88.0u	993.0u	-	380.2m
14	3	17M	75.3u	1.054m	1.026m	90.26m
15	2	17M	58.9u	984.1u	-	586.6m
16	1	7M	71.5u	-	-	724.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	57.5u	1.507m	-	1.305
2	2	10M	88.5u	1.737m	-	533.9m
3	2	8M	55.9u	1.031m	-	783.4m
4	2	11M	86.0u	1.391m	-	475.5m
5	2	12M	99.0u	1.366m	-	1.315
6	3	9M	76.3u	1.193m	1.908m	1.106
7	1	12M	89.0u	-	-	867.8m
8	2	15M	51.0u	1.083m	-	1.131
9	3	15M	56.6u	1.308m	1.754m	740.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	7M	65.3u	1.790m	1.415m	802.2m
2	2	11M	68.8u	1.175m	-	701.2m
3	3	12M	75.1u	1.510m	1.750m	816.9m
4	2	6M	50.9u	1.592m	-	582.9m
5	2	10M	71.7u	1.004m	-	368.0m
6	2	11M	97.5u	1.419m	-	637.8m
7	3	8M	90.4u	1.332m	1.106m	579.4m
8	2	6M	75.8u	1.790m	-	121.4m
9	1	8M	52.3u	-	-	198.3m
10	2	16M	70.1u	1.456m	-	112.9m
11	3	15M	50.5u	1.656m	1.073m	714.3m
12	3	7M	82.5u	1.460m	1.168m	664.1m
13	2	18M	65.4u	1.143m	-	770.3m
14	1	19M	50.5u	-	-	17.94m

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20

Number of Bursts in Trial: 15

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	6M	87.0u	1.330m	1.395m	418.6m
2	1	19M	71.8u	-	-	418.9m
3	2	7M	84.4u	1.774m	-	515.1m
4	2	15M	70.9u	1.762m	-	764.4m
5	3	20M	85.3u	1.003m	1.417m	712.6m
6	2	18M	79.5u	1.775m	-	632.1m
7	2	6M	67.4u	1.483m	-	147.7m
8	1	7M	74.6u	-	-	583.4m
9	2	12M	68.2u	1.589m	-	705.6m
10	3	14M	80.7u	1.439m	1.339m	615.8m
11	2	10M	96.0u	1.057m	-	582.3m
12	1	8M	70.2u	-	-	658.7m
13	2	10M	56.1u	1.438m	-	21.60m
14	3	12M	62.5u	1.247m	1.358m	605.7m
15	2	16M	63.1u	1.636m	-	475.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
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	11M	95.2u	1.119m	-	346.6m
2	2	18M	74.8u	932.2u	-	75.27m
3	2	9M	86.9u	1.605m	-	246.4m
4	2	18M	90.5u	1.669m	-	524.5m
5	2	14M	91.3u	1.784m	-	657.2m
6	3	19M	73.3u	1.062m	1.203m	345.8m
7	2	13M	81.3u	1.528m	-	635.0m
8	1	17M	62.6u	-	-	222.1m
9	3	11M	51.7u	1.043m	1.545m	326.9m
10	1	11M	55.1u	-	-	492.0m
11	2	19M	91.3u	1.508m	-	616.1m
12	1	15M	53.9u	-	-	197.8m
13	2	17M	91.0u	1.512m	-	35.37m
14	2	13M	92.5u	1.135m	-	417.1m
15	3	19M	67.5u	1.703m	1.429m	365.6m
16	2	19M	82.3u	1.137m	-	67.04m
17	1	7M	93.3u	-	-	70.61m
18	2	12M	59.9u	1.143m	-	144.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	8M	85.9u	1.883m	-	689.0m
2	1	18M	71.6u	-	-	934.7m
3	1	16M	97.7u	-	-	752.2m
4	1	16M	51.7u	-	-	55.29m
5	2	6M	90.1u	1.247m	-	324.9m
6	2	12M	85.7u	1.613m	-	311.2m
7	3	11M	71.2u	1.800m	1.856m	1.098
8	3	9M	66.5u	1.130m	1.749m	443.2m
9	1	12M	50.7u	-	-	922.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	68.5u	1.717m	-	368.9m
2	2	9M	91.1u	1.025m	-	346.2m
3	2	19M	62.1u	1.154m	-	279.1m
4	3	15M	94.4u	937.6u	1.761m	194.6m
5	3	6M	67.6u	1.684m	1.087m	217.1m
6	1	18M	90.7u	-	-	1.342m
7	2	12M	76.4u	1.919m	-	77.18m
8	3	20M	85.0u	1.808m	959.0u	95.28m
9	2	12M	56.7u	1.931m	-	144.8m
10	2	13M	89.6u	1.423m	-	430.4m
11	1	13M	87.9u	-	-	417.6m
12	3	13M	68.5u	1.700m	1.427m	655.3m
13	2	18M	57.8u	1.451m	-	506.1m
14	3	19M	69.6u	1.125m	1.486m	150.4m
15	1	5M	95.0u	-	-	185.4m
16	2	5M	66.6u	1.300m	-	99.26m
17	1	13M	52.4u	-	-	358.9m
18	3	8M	61.1u	1.451m	1.773m	365.4m

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	2	11M	86.5u	1.290m	-	589.9m
2	2	12M	74.1u	1.806m	-	329.9m
3	1	12M	67.9u	-	-	130.3m
4	2	10M	92.0u	1.613m	-	974.4m
5	2	17M	62.6u	1.155m	-	391.9m
6	2	16M	50.2u	963.8u	-	55.85m
7	3	13M	53.3u	1.359m	1.390m	229.8m
8	2	14M	84.6u	1.257m	-	769.3m
9	3	12M	66.0u	1.126m	1.703m	11.20m
10	3	6M	50.7u	1.422m	994.3u	952.0m
11	2	9M	55.4u	1.615m	-	328.3m

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	12M	97.7u	1.091m	-	147.1m
2	2	5M	66.6u	1.046m	-	100.1m
3	3	11M	96.7u	1.107m	1.487m	801.9m
4	2	19M	88.2u	1.306m	-	263.3m
5	3	11M	83.6u	1.736m	1.410m	1.101
6	2	14M	53.1u	1.636m	-	320.9m
7	2	14M	99.8u	1.734m	-	1.041
8	2	9M	54.9u	1.292m	-	304.8m
9	2	19M	87.7u	1.514m	-	1.102
10	2	13M	83.7u	1.381m	-	170.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	67.3u	-	-	577.8m
2	2	10M	75.8u	1.801m	-	106.3m
3	3	12M	51.8u	1.410m	1.772m	429.0m
4	1	18M	87.8u	-	-	382.1m
5	2	12M	60.6u	1.003m	-	682.8m
6	2	9M	74.3u	1.443m	-	376.6m
7	1	6M	68.9u	-	-	365.8m
8	2	16M	60.1u	1.645m	-	1.170
9	2	10M	89.3u	959.7u	-	820.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	59.9u	1.385m	-	393.9m
2	2	12M	86.3u	1.511m	-	377.9m
3	1	18M	78.7u	-	-	485.4m
4	2	20M	97.7u	1.655m	-	479.5m
5	3	11M	61.7u	1.166m	1.191m	126.8m
6	2	8M	93.7u	1.647m	-	501.2m
7	2	14M	51.2u	1.269m	-	327.6m
8	1	6M	62.8u	-	-	161.3m
9	2	9M	86.3u	1.046m	-	116.3m
10	3	10M	66.2u	997.8u	1.580m	538.6m
11	3	20M	90.2u	1.145m	1.685m	433.7m
12	1	18M	59.6u	-	-	268.7m
13	2	15M	72.4u	1.565m	-	232.7m
14	3	14M	70.9u	1.009m	974.1u	477.3m
15	3	11M	51.8u	1.372m	1.409m	472.8m
16	2	7M	83.5u	1.301m	-	324.1m
17	2	9M	95.0u	1.288m	-	596.7m
18	1	19M	92.9u	-	-	479.1m
19	3	7M	74.0u	1.804m	1.008m	484.1m
20	3	16M	74.4u	972.6u	1.740m	315.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
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	15M	93.8u	1.738m	1.077m	342.8m
2	1	14M	69.2u	-	-	78.43m
3	1	11M	67.2u	-	-	226.6m
4	2	10M	63.9u	1.548m	-	396.1m
5	3	17M	54.9u	1.045m	1.166m	230.8m
6	2	18M	90.7u	1.866m	-	329.1m
7	2	10M	72.1u	1.380m	-	704.5m
8	2	10M	53.1u	1.847m	-	690.6m
9	3	14M	85.7u	940.3u	1.056m	202.6m
10	2	6M	75.2u	1.444m	-	261.8m
11	2	7M	85.2u	1.291m	-	602.6m
12	2	10M	77.0u	1.078m	-	729.5m
13	2	15M	83.9u	919.1u	-	492.6m
14	2	18M	60.2u	1.105m	-	366.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	11M	66.3u	1.027m	-	351.4m
2	2	10M	50.6u	1.511m	-	326.9m
3	2	20M	52.8u	1.521m	-	74.86m
4	3	10M	67.4u	1.683m	1.682m	19.61m
5	1	12M	64.3u	-	-	83.80m
6	2	5M	70.6u	1.122m	-	119.2m
7	1	7M	74.0u	-	-	313.2m
8	2	15M	93.5u	1.561m	-	451.5m
9	2	9M	57.2u	1.725m	-	303.7m
10	1	7M	83.5u	-	-	352.1m
11	3	14M	73.1u	1.804m	1.205m	295.8m
12	2	6M	86.1u	1.639m	-	64.52m
13	2	10M	68.8u	995.2u	-	516.1m
14	2	18M	69.1u	1.635m	-	412.7m
15	1	9M	63.8u	-	-	98.63m
16	3	15M	69.6u	1.711m	1.691m	587.8m
17	3	11M	66.5u	1.586m	1.249m	262.6m
18	2	18M	90.2u	1.460m	-	242.5m
19	2	15M	90.3u	1.081m	-	9.514m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
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	12M	64.8u	-	-	610.6m
2	2	9M	68.5u	1.723m	-	104.7m
3	1	8M	88.5u	-	-	432.4m
4	1	6M	69.9u	-	-	505.9m
5	3	17M	65.8u	1.258m	1.841m	496.1m
6	3	9M	99.0u	1.106m	980.0u	215.6m
7	3	12M	53.2u	1.368m	1.590m	514.6m
8	3	17M	92.5u	1.587m	1.170m	656.2m
9	3	13M	82.5u	1.329m	1.615m	836.9m
10	2	8M	77.1u	1.148m	-	368.9m
11	1	16M	65.1u	-	-	821.3m
12	2	8M	96.6u	1.633m	-	476.0m
13	1	15M	84.4u	-	-	92.20m
14	2	15M	51.8u	1.162m	-	377.2m

Annex-A3: The Frequency Hopping Radar Pattern

IEEE 802.11N 20MHz

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	5.285G	2	5.651G	3	5.255G	4	5.545G
5	5.672G	6	5.668G	7	5.370G	8	5.639G
9	5.448G	10	5.592G	11	5.665G	12	5.721G
13	5.386G	14	5.594G	15	5.492G	16	5.501G
17	5.260G	18	5.705G	19	5.597G	20	5.381G
21	5.712G	22	5.619G	23	5.509G	24	5.423G
25	5.503G	26	5.315G	27	5.560G	28	5.427G
29	5.431G	30	5.309G	31	5.290G	32	5.534G
33	5.636G	34	5.640G	35	5.286G	36	5.628G
37	5.270G	38	5.463G	39	5.252G	40	5.471G
41	5.660G	42	5.263G	43	5.293G	44	5.398G
45	5.541G	46	5.367G	47	5.312G	48	5.436G
49	5.340G	50	5.718G	51	5.355G	52	5.467G
53	5.339G	54	5.306G	55	5.351G	56	5.563G
57	5.479G	58	5.272G	59	5.453G	60	5.517G
61	5.683G	62	5.516G	63	5.425G	64	5.523G
65	5.525G	66	5.379G	67	5.606G	68	5.708G
69	5.576G	70	5.443G	71	5.488G	72	5.301G
73	5.359G	74	5.300G	75	5.694G	76	5.552G
77	5.544G	78	5.377G	79	5.696G	80	5.444G
81	5.288G	82	5.320G	83	5.294G	84	5.499G
85	5.465G	86	5.476G	87	5.307G	88	5.416G
89	5.313G	90	5.579G	91	5.368G	92	5.664G
93	5.535G	94	5.593G	95	5.596G	96	5.282G
97	5.401G	98	5.715G	99	5.266G	100	5.435G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.568G	2	5.569G	3	5.455G	4	5.680G
5	5.483G	6	5.487G	7	5.571G	8	5.523G
9	5.648G	10	5.662G	11	5.254G	12	5.431G
13	5.714G	14	5.693G	15	5.513G	16	5.580G
17	5.459G	18	5.334G	19	5.477G	20	5.548G
21	5.374G	22	5.654G	23	5.433G	24	5.301G
25	5.295G	26	5.383G	27	5.264G	28	5.665G
29	5.250G	30	5.615G	31	5.356G	32	5.442G
33	5.687G	34	5.561G	35	5.614G	36	5.720G
37	5.330G	38	5.695G	39	5.384G	40	5.388G
41	5.471G	42	5.379G	43	5.538G	44	5.304G
45	5.279G	46	5.545G	47	5.472G	48	5.390G
49	5.269G	50	5.479G	51	5.333G	52	5.342G
53	5.255G	54	5.704G	55	5.347G	56	5.285G
57	5.612G	58	5.721G	59	5.501G	60	5.575G
61	5.542G	62	5.321G	63	5.627G	64	5.403G
65	5.494G	66	5.491G	67	5.566G	68	5.361G
69	5.532G	70	5.518G	71	5.488G	72	5.451G
73	5.618G	74	5.708G	75	5.366G	76	5.536G
77	5.389G	78	5.629G	79	5.589G	80	5.326G
81	5.577G	82	5.302G	83	5.322G	84	5.445G
85	5.277G	86	5.382G	87	5.556G	88	5.722G
89	5.698G	90	5.313G	91	5.541G	92	5.719G
93	5.534G	94	5.348G	95	5.592G	96	5.645G
97	5.642G	98	5.481G	99	5.270G	100	5.283G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.553G	2	5.371G	3	5.521G	4	5.625G
5	5.592G	6	5.456G	7	5.539G	8	5.696G
9	5.454G	10	5.472G	11	5.421G	12	5.529G
13	5.698G	14	5.715G	15	5.364G	16	5.473G
17	5.431G	18	5.335G	19	5.623G	20	5.436G
21	5.482G	22	5.309G	23	5.549G	24	5.349G
25	5.314G	26	5.311G	27	5.591G	28	5.656G
29	5.699G	30	5.391G	31	5.346G	32	5.283G
33	5.269G	34	5.494G	35	5.569G	36	5.703G
37	5.337G	38	5.720G	39	5.313G	40	5.466G
41	5.290G	42	5.555G	43	5.434G	44	5.392G
45	5.693G	46	5.673G	47	5.398G	48	5.652G
49	5.478G	50	5.253G	51	5.724G	52	5.512G
53	5.520G	54	5.351G	55	5.422G	56	5.510G
57	5.640G	58	5.630G	59	5.428G	60	5.587G
61	5.475G	62	5.432G	63	5.343G	64	5.594G
65	5.332G	66	5.638G	67	5.566G	68	5.369G
69	5.412G	70	5.481G	71	5.426G	72	5.705G
73	5.354G	74	5.595G	75	5.438G	76	5.633G
77	5.262G	78	5.347G	79	5.606G	80	5.320G
81	5.603G	82	5.352G	83	5.498G	84	5.289G
85	5.608G	86	5.500G	87	5.548G	88	5.430G
89	5.639G	90	5.318G	91	5.390G	92	5.459G
93	5.653G	94	5.507G	95	5.345G	96	5.444G
97	5.635G	98	5.381G	99	5.636G	100	5.523G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.365G	3	5.676G	4	5.428G
5	5.583G	6	5.508G	7	5.316G	8	5.389G
9	5.601G	10	5.353G	11	5.650G	12	5.575G
13	5.464G	14	5.250G	15	5.415G	16	5.629G
17	5.540G	18	5.530G	19	5.466G	20	5.340G
21	5.619G	22	5.537G	23	5.297G	24	5.562G
25	5.459G	26	5.294G	27	5.407G	28	5.602G
29	5.672G	30	5.374G	31	5.460G	32	5.491G
33	5.560G	34	5.346G	35	5.376G	36	5.553G
37	5.367G	38	5.401G	39	5.471G	40	5.472G
41	5.438G	42	5.461G	43	5.587G	44	5.681G
45	5.251G	46	5.278G	47	5.484G	48	5.392G
49	5.706G	50	5.535G	51	5.548G	52	5.364G
53	5.597G	54	5.424G	55	5.456G	56	5.666G
57	5.412G	58	5.417G	59	5.302G	60	5.623G
61	5.357G	62	5.329G	63	5.465G	64	5.264G
65	5.358G	66	5.423G	67	5.470G	68	5.475G
69	5.309G	70	5.664G	71	5.568G	72	5.379G
73	5.561G	74	5.518G	75	5.375G	76	5.645G
77	5.339G	78	5.366G	79	5.262G	80	5.504G
81	5.525G	82	5.406G	83	5.336G	84	5.383G
85	5.432G	86	5.479G	87	5.683G	88	5.549G
89	5.640G	90	5.453G	91	5.663G	92	5.500G
93	5.567G	94	5.576G	95	5.381G	96	5.509G
97	5.270G	98	5.564G	99	5.397G	100	5.469G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.427G	3	5.320G	4	5.463G
5	5.266G	6	5.496G	7	5.480G	8	5.492G
9	5.336G	10	5.628G	11	5.343G	12	5.469G
13	5.431G	14	5.506G	15	5.654G	16	5.250G
17	5.594G	18	5.473G	19	5.402G	20	5.456G
21	5.646G	22	5.695G	23	5.511G	24	5.642G
25	5.424G	26	5.407G	27	5.451G	28	5.409G
29	5.600G	30	5.366G	31	5.460G	32	5.399G
33	5.304G	34	5.413G	35	5.545G	36	5.490G
37	5.258G	38	5.639G	39	5.683G	40	5.381G
41	5.435G	42	5.335G	43	5.322G	44	5.697G
45	5.587G	46	5.422G	47	5.577G	48	5.283G
49	5.666G	50	5.582G	51	5.301G	52	5.383G
53	5.655G	54	5.689G	55	5.645G	56	5.325G
57	5.635G	58	5.352G	59	5.580G	60	5.342G
61	5.310G	62	5.385G	63	5.436G	64	5.255G
65	5.614G	66	5.487G	67	5.388G	68	5.603G
69	5.271G	70	5.321G	71	5.599G	72	5.370G
73	5.623G	74	5.475G	75	5.486G	76	5.438G
77	5.542G	78	5.337G	79	5.328G	80	5.592G
81	5.376G	82	5.572G	83	5.685G	84	5.643G
85	5.448G	86	5.392G	87	5.405G	88	5.406G
89	5.590G	90	5.313G	91	5.374G	92	5.588G
93	5.681G	94	5.693G	95	5.668G	96	5.265G
97	5.565G	98	5.371G	99	5.691G	100	5.270G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.384G	3	5.489G	4	5.499G
5	5.477G	6	5.368G	7	5.410G	8	5.602G
9	5.714G	10	5.516G	11	5.494G	12	5.612G
13	5.641G	14	5.673G	15	5.532G	16	5.435G
17	5.672G	18	5.291G	19	5.547G	20	5.484G
21	5.265G	22	5.495G	23	5.659G	24	5.512G
25	5.644G	26	5.459G	27	5.604G	28	5.689G
29	5.557G	30	5.501G	31	5.656G	32	5.514G
33	5.667G	34	5.563G	35	5.702G	36	5.486G
37	5.456G	38	5.345G	39	5.320G	40	5.285G
41	5.398G	42	5.674G	43	5.369G	44	5.556G
45	5.636G	46	5.318G	47	5.303G	48	5.452G
49	5.544G	50	5.421G	51	5.571G	52	5.415G
53	5.642G	54	5.327G	55	5.434G	56	5.707G
57	5.708G	58	5.683G	59	5.645G	60	5.278G
61	5.428G	62	5.412G	63	5.458G	64	5.709G
65	5.720G	66	5.396G	67	5.471G	68	5.685G
69	5.627G	70	5.424G	71	5.407G	72	5.622G
73	5.399G	74	5.711G	75	5.608G	76	5.367G
77	5.638G	78	5.721G	79	5.420G	80	5.624G
81	5.319G	82	5.373G	83	5.549G	84	5.251G
85	5.508G	86	5.488G	87	5.629G	88	5.308G
89	5.376G	90	5.585G	91	5.344G	92	5.360G
93	5.380G	94	5.455G	95	5.258G	96	5.388G
97	5.581G	98	5.554G	99	5.431G	100	5.352G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.592G	2	5.461G	3	5.532G	4	5.576G
5	5.623G	6	5.711G	7	5.340G	8	5.336G
9	5.260G	10	5.630G	11	5.495G	12	5.272G
13	5.640G	14	5.261G	15	5.344G	16	5.322G
17	5.409G	18	5.477G	19	5.307G	20	5.476G
21	5.637G	22	5.720G	23	5.688G	24	5.636G
25	5.718G	26	5.648G	27	5.525G	28	5.511G
29	5.582G	30	5.358G	31	5.474G	32	5.382G
33	5.404G	34	5.285G	35	5.508G	36	5.306G
37	5.501G	38	5.294G	39	5.604G	40	5.277G
41	5.722G	42	5.481G	43	5.359G	44	5.291G
45	5.451G	46	5.651G	47	5.645G	48	5.628G
49	5.554G	50	5.360G	51	5.587G	52	5.657G
53	5.624G	54	5.470G	55	5.506G	56	5.297G
57	5.448G	58	5.561G	59	5.602G	60	5.381G
61	5.579G	62	5.682G	63	5.588G	64	5.603G
65	5.422G	66	5.370G	67	5.715G	68	5.269G
69	5.383G	70	5.505G	71	5.373G	72	5.298G
73	5.378G	74	5.328G	75	5.553G	76	5.391G
77	5.456G	78	5.634G	79	5.400G	80	5.724G
81	5.691G	82	5.351G	83	5.652G	84	5.568G
85	5.675G	86	5.454G	87	5.310G	88	5.661G
89	5.654G	90	5.617G	91	5.314G	92	5.431G
93	5.692G	94	5.590G	95	5.387G	96	5.332G
97	5.424G	98	5.436G	99	5.509G	100	5.278G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.257G	2	5.282G	3	5.594G	4	5.519G
5	5.464G	6	5.304G	7	5.676G	8	5.290G
9	5.479G	10	5.625G	11	5.518G	12	5.299G
13	5.439G	14	5.656G	15	5.696G	16	5.588G
17	5.454G	18	5.404G	19	5.484G	20	5.577G
21	5.614G	22	5.549G	23	5.300G	24	5.375G
25	5.387G	26	5.650G	27	5.695G	28	5.611G
29	5.377G	30	5.668G	31	5.601G	32	5.360G
33	5.451G	34	5.421G	35	5.265G	36	5.399G
37	5.672G	38	5.710G	39	5.648G	40	5.641G
41	5.309G	42	5.486G	43	5.678G	44	5.348G
45	5.481G	46	5.492G	47	5.431G	48	5.475G
49	5.294G	50	5.370G	51	5.409G	52	5.573G
53	5.359G	54	5.702G	55	5.597G	56	5.330G
57	5.325G	58	5.425G	59	5.420G	60	5.564G
61	5.685G	62	5.651G	63	5.502G	64	5.659G
65	5.701G	66	5.567G	67	5.480G	68	5.667G
69	5.423G	70	5.633G	71	5.477G	72	5.495G
73	5.372G	74	5.637G	75	5.297G	76	5.605G
77	5.315G	78	5.402G	79	5.705G	80	5.723G
81	5.721G	82	5.552G	83	5.704G	84	5.709G
85	5.444G	86	5.561G	87	5.640G	88	5.509G
89	5.595G	90	5.355G	91	5.531G	92	5.366G
93	5.662G	94	5.720G	95	5.398G	96	5.362G
97	5.281G	98	5.386G	99	5.560G	100	5.515G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.384G	2	5.265G	3	5.319G	4	5.682G
5	5.290G	6	5.519G	7	5.620G	8	5.668G
9	5.603G	10	5.601G	11	5.366G	12	5.539G
13	5.582G	14	5.307G	15	5.337G	16	5.489G
17	5.443G	18	5.383G	19	5.329G	20	5.707G
21	5.353G	22	5.391G	23	5.433G	24	5.338G
25	5.457G	26	5.468G	27	5.583G	28	5.719G
29	5.598G	30	5.522G	31	5.527G	32	5.652G
33	5.380G	34	5.562G	35	5.476G	36	5.646G
37	5.281G	38	5.688G	39	5.496G	40	5.524G
41	5.493G	42	5.316G	43	5.376G	44	5.374G
45	5.255G	46	5.347G	47	5.298G	48	5.703G
49	5.554G	50	5.451G	51	5.547G	52	5.400G
53	5.286G	54	5.677G	55	5.572G	56	5.679G
57	5.666G	58	5.633G	59	5.320G	60	5.578G
61	5.333G	62	5.349G	63	5.501G	64	5.427G
65	5.641G	66	5.252G	67	5.717G	68	5.714G
69	5.549G	70	5.533G	71	5.545G	72	5.421G
73	5.560G	74	5.701G	75	5.632G	76	5.592G
77	5.590G	78	5.626G	79	5.694G	80	5.685G
81	5.556G	82	5.645G	83	5.574G	84	5.416G
85	5.565G	86	5.649G	87	5.643G	88	5.386G
89	5.477G	90	5.591G	91	5.612G	92	5.428G
93	5.328G	94	5.514G	95	5.535G	96	5.507G
97	5.409G	98	5.504G	99	5.499G	100	5.342G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.470G	2	5.283G	3	5.327G	4	5.292G
5	5.686G	6	5.420G	7	5.576G	8	5.480G
9	5.485G	10	5.423G	11	5.306G	12	5.514G
13	5.606G	14	5.429G	15	5.276G	16	5.677G
17	5.457G	18	5.446G	19	5.483G	20	5.428G
21	5.700G	22	5.360G	23	5.687G	24	5.304G
25	5.394G	26	5.397G	27	5.594G	28	5.713G
29	5.631G	30	5.287G	31	5.386G	32	5.297G
33	5.353G	34	5.683G	35	5.509G	36	5.564G
37	5.370G	38	5.398G	39	5.362G	40	5.256G
41	5.424G	42	5.603G	43	5.510G	44	5.658G
45	5.678G	46	5.694G	47	5.299G	48	5.714G
49	5.274G	50	5.632G	51	5.459G	52	5.261G
53	5.419G	54	5.541G	55	5.645G	56	5.296G
57	5.711G	58	5.266G	59	5.519G	60	5.609G
61	5.303G	62	5.512G	63	5.319G	64	5.402G
65	5.521G	66	5.339G	67	5.552G	68	5.372G
69	5.666G	70	5.335G	71	5.610G	72	5.422G
73	5.290G	74	5.262G	75	5.558G	76	5.392G
77	5.482G	78	5.337G	79	5.282G	80	5.554G
81	5.259G	82	5.516G	83	5.598G	84	5.293G
85	5.425G	86	5.307G	87	5.436G	88	5.566G
89	5.629G	90	5.640G	91	5.383G	92	5.350G
93	5.267G	94	5.544G	95	5.268G	96	5.653G
97	5.494G	98	5.255G	99	5.355G	100	5.349G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.578G	2	5.554G	3	5.422G	4	5.662G
5	5.376G	6	5.714G	7	5.410G	8	5.676G
9	5.366G	10	5.519G	11	5.418G	12	5.514G
13	5.476G	14	5.493G	15	5.505G	16	5.261G
17	5.629G	18	5.438G	19	5.483G	20	5.287G
21	5.469G	22	5.399G	23	5.395G	24	5.444G
25	5.530G	26	5.317G	27	5.500G	28	5.352G
29	5.303G	30	5.305G	31	5.386G	32	5.575G
33	5.299G	34	5.650G	35	5.520G	36	5.379G
37	5.689G	38	5.288G	39	5.293G	40	5.593G
41	5.596G	42	5.646G	43	5.722G	44	5.628G
45	5.657G	46	5.308G	47	5.576G	48	5.491G
49	5.331G	50	5.699G	51	5.452G	52	5.524G
53	5.384G	54	5.315G	55	5.455G	56	5.549G
57	5.619G	58	5.289G	59	5.677G	60	5.561G
61	5.298G	62	5.639G	63	5.682G	64	5.647G
65	5.403G	66	5.259G	67	5.543G	68	5.251G
69	5.582G	70	5.367G	71	5.282G	72	5.368G
73	5.504G	74	5.277G	75	5.377G	76	5.712G
77	5.440G	78	5.421G	79	5.297G	80	5.637G
81	5.615G	82	5.590G	83	5.614G	84	5.518G
85	5.544G	86	5.428G	87	5.333G	88	5.347G
89	5.542G	90	5.407G	91	5.319G	92	5.653G
93	5.458G	94	5.411G	95	5.254G	96	5.651G
97	5.667G	98	5.468G	99	5.688G	100	5.457G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.529G	2	5.383G	3	5.384G	4	5.667G
5	5.465G	6	5.668G	7	5.425G	8	5.316G
9	5.579G	10	5.381G	11	5.619G	12	5.621G
13	5.307G	14	5.305G	15	5.377G	16	5.612G
17	5.315G	18	5.318G	19	5.328G	20	5.628G
21	5.271G	22	5.303G	23	5.560G	24	5.497G
25	5.411G	26	5.265G	27	5.697G	28	5.701G
29	5.657G	30	5.713G	31	5.682G	32	5.463G
33	5.488G	34	5.276G	35	5.314G	36	5.353G
37	5.372G	38	5.679G	39	5.462G	40	5.683G
41	5.637G	42	5.641G	43	5.435G	44	5.546G
45	5.473G	46	5.457G	47	5.636G	48	5.402G
49	5.287G	50	5.677G	51	5.253G	52	5.519G
53	5.642G	54	5.413G	55	5.547G	56	5.480G
57	5.617G	58	5.506G	59	5.344G	60	5.555G
61	5.528G	62	5.566G	63	5.581G	64	5.302G
65	5.608G	66	5.394G	67	5.332G	68	5.664G
69	5.451G	70	5.257G	71	5.430G	72	5.400G
73	5.658G	74	5.345G	75	5.516G	76	5.382G
77	5.650G	78	5.705G	79	5.572G	80	5.680G
81	5.294G	82	5.662G	83	5.630G	84	5.321G
85	5.445G	86	5.415G	87	5.509G	88	5.333G
89	5.331G	90	5.661G	91	5.700G	92	5.479G
93	5.330G	94	5.483G	95	5.437G	96	5.666G
97	5.322G	98	5.580G	99	5.589G	100	5.282G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.509G	2	5.704G	3	5.637G	4	5.492G
5	5.329G	6	5.408G	7	5.342G	8	5.331G
9	5.573G	10	5.314G	11	5.464G	12	5.647G
13	5.418G	14	5.392G	15	5.354G	16	5.270G
17	5.363G	18	5.419G	19	5.447G	20	5.250G
21	5.291G	22	5.312G	23	5.676G	24	5.410G
25	5.349G	26	5.606G	27	5.557G	28	5.630G
29	5.652G	30	5.660G	31	5.398G	32	5.353G
33	5.483G	34	5.617G	35	5.616G	36	5.414G
37	5.669G	38	5.474G	39	5.633G	40	5.498G
41	5.713G	42	5.702G	43	5.592G	44	5.343G
45	5.430G	46	5.332G	47	5.290G	48	5.448G
49	5.540G	50	5.401G	51	5.453G	52	5.330G
53	5.391G	54	5.469G	55	5.709G	56	5.441G
57	5.406G	58	5.701G	59	5.681G	60	5.412G
61	5.554G	62	5.487G	63	5.549G	64	5.519G
65	5.252G	66	5.364G	67	5.382G	68	5.602G
69	5.417G	70	5.646G	71	5.443G	72	5.628G
73	5.404G	74	5.255G	75	5.545G	76	5.431G
77	5.673G	78	5.679G	79	5.530G	80	5.666G
81	5.433G	82	5.712G	83	5.445G	84	5.522G
85	5.640G	86	5.348G	87	5.515G	88	5.454G
89	5.345G	90	5.566G	91	5.708G	92	5.479G
93	5.693G	94	5.662G	95	5.661G	96	5.687G
97	5.703G	98	5.489G	99	5.500G	100	5.659G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.313G	2	5.528G	3	5.643G	4	5.335G
5	5.674G	6	5.434G	7	5.676G	8	5.476G
9	5.579G	10	5.510G	11	5.538G	12	5.292G
13	5.290G	14	5.280G	15	5.514G	16	5.631G
17	5.609G	18	5.447G	19	5.549G	20	5.628G
21	5.659G	22	5.521G	23	5.376G	24	5.640G
25	5.597G	26	5.529G	27	5.366G	28	5.442G
29	5.710G	30	5.669G	31	5.516G	32	5.691G
33	5.489G	34	5.530G	35	5.578G	36	5.687G
37	5.546G	38	5.467G	39	5.299G	40	5.336G
41	5.537G	42	5.671G	43	5.277G	44	5.429G
45	5.585G	46	5.620G	47	5.379G	48	5.599G
49	5.472G	50	5.589G	51	5.365G	52	5.605G
53	5.500G	54	5.345G	55	5.273G	56	5.709G
57	5.318G	58	5.561G	59	5.574G	60	5.509G
61	5.638G	62	5.321G	63	5.647G	64	5.465G
65	5.656G	66	5.650G	67	5.339G	68	5.454G
69	5.406G	70	5.298G	71	5.281G	72	5.639G
73	5.565G	74	5.334G	75	5.542G	76	5.256G
77	5.423G	78	5.701G	79	5.507G	80	5.697G
81	5.698G	82	5.483G	83	5.519G	84	5.646G
85	5.721G	86	5.289G	87	5.400G	88	5.302G
89	5.348G	90	5.705G	91	5.695G	92	5.317G
93	5.724G	94	5.686G	95	5.340G	96	5.633G
97	5.388G	98	5.503G	99	5.407G	100	5.501G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.530G	2	5.544G	3	5.286G	4	5.591G
5	5.537G	6	5.267G	7	5.661G	8	5.613G
9	5.253G	10	5.650G	11	5.251G	12	5.594G
13	5.264G	14	5.338G	15	5.576G	16	5.423G
17	5.446G	18	5.464G	19	5.660G	20	5.669G
21	5.573G	22	5.417G	23	5.465G	24	5.426G
25	5.496G	26	5.621G	27	5.564G	28	5.506G
29	5.280G	30	5.479G	31	5.652G	32	5.297G
33	5.609G	34	5.664G	35	5.548G	36	5.517G
37	5.667G	38	5.608G	39	5.403G	40	5.653G
41	5.596G	42	5.714G	43	5.633G	44	5.357G
45	5.571G	46	5.606G	47	5.436G	48	5.392G
49	5.388G	50	5.270G	51	5.440G	52	5.712G
53	5.600G	54	5.676G	55	5.322G	56	5.619G
57	5.441G	58	5.703G	59	5.481G	60	5.686G
61	5.461G	62	5.623G	63	5.679G	64	5.534G
65	5.347G	66	5.681G	67	5.361G	68	5.559G
69	5.577G	70	5.709G	71	5.671G	72	5.349G
73	5.453G	74	5.391G	75	5.672G	76	5.324G
77	5.560G	78	5.434G	79	5.435G	80	5.281G
81	5.337G	82	5.580G	83	5.543G	84	5.283G
85	5.631G	86	5.342G	87	5.610G	88	5.310G
89	5.693G	90	5.597G	91	5.503G	92	5.266G
93	5.583G	94	5.408G	95	5.341G	96	5.531G
97	5.710G	98	5.328G	99	5.522G	100	5.463G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.642G	2	5.552G	3	5.479G	4	5.314G
5	5.623G	6	5.370G	7	5.530G	8	5.455G
9	5.320G	10	5.640G	11	5.677G	12	5.635G
13	5.611G	14	5.522G	15	5.527G	16	5.456G
17	5.633G	18	5.335G	19	5.428G	20	5.501G
21	5.402G	22	5.380G	23	5.275G	24	5.537G
25	5.720G	26	5.557G	27	5.443G	28	5.290G
29	5.394G	30	5.460G	31	5.651G	32	5.521G
33	5.405G	34	5.670G	35	5.431G	36	5.313G
37	5.708G	38	5.403G	39	5.368G	40	5.667G
41	5.445G	42	5.325G	43	5.594G	44	5.618G
45	5.589G	46	5.433G	47	5.511G	48	5.721G
49	5.654G	50	5.525G	51	5.382G	52	5.462G
53	5.576G	54	5.359G	55	5.666G	56	5.315G
57	5.701G	58	5.396G	59	5.717G	60	5.289G
61	5.534G	62	5.674G	63	5.500G	64	5.706G
65	5.385G	66	5.482G	67	5.267G	68	5.322G
69	5.713G	70	5.425G	71	5.400G	72	5.580G
73	5.604G	74	5.329G	75	5.531G	76	5.678G
77	5.307G	78	5.648G	79	5.529G	80	5.448G
81	5.416G	82	5.284G	83	5.683G	84	5.685G
85	5.668G	86	5.549G	87	5.528G	88	5.387G
89	5.354G	90	5.632G	91	5.333G	92	5.520G
93	5.627G	94	5.613G	95	5.510G	96	5.278G
97	5.349G	98	5.494G	99	5.686G	100	5.459G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.653G	2	5.331G	3	5.438G	4	5.520G
5	5.351G	6	5.546G	7	5.285G	8	5.431G
9	5.316G	10	5.500G	11	5.313G	12	5.715G
13	5.708G	14	5.357G	15	5.487G	16	5.304G
17	5.709G	18	5.656G	19	5.482G	20	5.693G
21	5.691G	22	5.322G	23	5.269G	24	5.441G
25	5.395G	26	5.447G	27	5.275G	28	5.624G
29	5.612G	30	5.368G	31	5.514G	32	5.409G
33	5.340G	34	5.315G	35	5.297G	36	5.650G
37	5.716G	38	5.501G	39	5.418G	40	5.305G
41	5.325G	42	5.646G	43	5.389G	44	5.373G
45	5.309G	46	5.337G	47	5.453G	48	5.632G
49	5.502G	50	5.403G	51	5.442G	52	5.658G
53	5.376G	54	5.302G	55	5.538G	56	5.390G
57	5.720G	58	5.290G	59	5.492G	60	5.324G
61	5.536G	62	5.468G	63	5.722G	64	5.293G
65	5.604G	66	5.582G	67	5.398G	68	5.633G
69	5.360G	70	5.300G	71	5.521G	72	5.530G
73	5.629G	74	5.363G	75	5.600G	76	5.577G
77	5.713G	78	5.524G	79	5.571G	80	5.664G
81	5.598G	82	5.641G	83	5.321G	84	5.408G
85	5.564G	86	5.407G	87	5.397G	88	5.711G
89	5.251G	90	5.556G	91	5.262G	92	5.660G
93	5.584G	94	5.529G	95	5.479G	96	5.270G
97	5.574G	98	5.480G	99	5.282G	100	5.440G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.589G	2	5.579G	3	5.419G	4	5.569G
5	5.585G	6	5.446G	7	5.556G	8	5.608G
9	5.348G	10	5.297G	11	5.334G	12	5.396G
13	5.614G	14	5.295G	15	5.304G	16	5.626G
17	5.644G	18	5.317G	19	5.332G	20	5.649G
21	5.588G	22	5.554G	23	5.299G	24	5.670G
25	5.252G	26	5.536G	27	5.285G	28	5.361G
29	5.378G	30	5.444G	31	5.709G	32	5.646G
33	5.355G	34	5.663G	35	5.327G	36	5.653G
37	5.578G	38	5.537G	39	5.505G	40	5.688G
41	5.493G	42	5.560G	43	5.301G	44	5.689G
45	5.525G	46	5.453G	47	5.313G	48	5.431G
49	5.587G	50	5.401G	51	5.671G	52	5.584G
53	5.478G	54	5.442G	55	5.655G	56	5.291G
57	5.400G	58	5.544G	59	5.389G	60	5.573G
61	5.534G	62	5.595G	63	5.602G	64	5.288G
65	5.631G	66	5.409G	67	5.264G	68	5.311G
69	5.639G	70	5.607G	71	5.601G	72	5.439G
73	5.363G	74	5.479G	75	5.504G	76	5.278G
77	5.427G	78	5.451G	79	5.640G	80	5.565G
81	5.273G	82	5.568G	83	5.322G	84	5.360G
85	5.575G	86	5.258G	87	5.494G	88	5.481G
89	5.528G	90	5.623G	91	5.287G	92	5.392G
93	5.696G	94	5.337G	95	5.501G	96	5.553G
97	5.630G	98	5.581G	99	5.324G	100	5.364G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.475G	2	5.447G	3	5.575G	4	5.348G
5	5.698G	6	5.520G	7	5.296G	8	5.609G
9	5.673G	10	5.660G	11	5.634G	12	5.616G
13	5.407G	14	5.578G	15	5.457G	16	5.416G
17	5.703G	18	5.427G	19	5.493G	20	5.304G
21	5.275G	22	5.580G	23	5.490G	24	5.598G
25	5.659G	26	5.309G	27	5.506G	28	5.519G
29	5.361G	30	5.642G	31	5.374G	32	5.356G
33	5.272G	34	5.389G	35	5.537G	36	5.301G
37	5.691G	38	5.498G	39	5.284G	40	5.398G
41	5.545G	42	5.686G	43	5.528G	44	5.555G
45	5.368G	46	5.287G	47	5.669G	48	5.712G
49	5.414G	50	5.358G	51	5.300G	52	5.534G
53	5.377G	54	5.538G	55	5.606G	56	5.288G
57	5.702G	58	5.360G	59	5.326G	60	5.681G
61	5.675G	62	5.650G	63	5.279G	64	5.524G
65	5.334G	66	5.261G	67	5.667G	68	5.521G
69	5.307G	70	5.658G	71	5.349G	72	5.643G
73	5.252G	74	5.406G	75	5.308G	76	5.579G
77	5.280G	78	5.269G	79	5.333G	80	5.413G
81	5.448G	82	5.532G	83	5.254G	84	5.652G
85	5.311G	86	5.379G	87	5.569G	88	5.318G
89	5.297G	90	5.678G	91	5.617G	92	5.258G
93	5.715G	94	5.541G	95	5.469G	96	5.623G
97	5.713G	98	5.425G	99	5.500G	100	5.426G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.391G	2	5.635G	3	5.477G	4	5.552G
5	5.682G	6	5.512G	7	5.457G	8	5.501G
9	5.483G	10	5.447G	11	5.361G	12	5.385G
13	5.672G	14	5.347G	15	5.608G	16	5.526G
17	5.433G	18	5.265G	19	5.625G	20	5.468G
21	5.523G	22	5.541G	23	5.263G	24	5.659G
25	5.543G	26	5.566G	27	5.268G	28	5.612G
29	5.528G	30	5.701G	31	5.421G	32	5.513G
33	5.652G	34	5.574G	35	5.517G	36	5.567G
37	5.406G	38	5.410G	39	5.506G	40	5.339G
41	5.579G	42	5.321G	43	5.389G	44	5.338G
45	5.527G	46	5.564G	47	5.345G	48	5.573G
49	5.363G	50	5.343G	51	5.402G	52	5.432G
53	5.304G	54	5.478G	55	5.254G	56	5.509G
57	5.443G	58	5.548G	59	5.295G	60	5.595G
61	5.258G	62	5.708G	63	5.359G	64	5.502G
65	5.439G	66	5.542G	67	5.519G	68	5.464G
69	5.568G	70	5.571G	71	5.260G	72	5.622G
73	5.489G	74	5.288G	75	5.546G	76	5.448G
77	5.401G	78	5.262G	79	5.665G	80	5.709G
81	5.270G	82	5.278G	83	5.261G	84	5.702G
85	5.330G	86	5.396G	87	5.461G	88	5.415G
89	5.532G	90	5.485G	91	5.601G	92	5.716G
93	5.697G	94	5.271G	95	5.318G	96	5.693G
97	5.724G	98	5.427G	99	5.309G	100	5.555G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.315G	2	5.538G	3	5.572G	4	5.352G
5	5.251G	6	5.374G	7	5.330G	8	5.502G
9	5.452G	10	5.417G	11	5.297G	12	5.702G
13	5.554G	14	5.314G	15	5.601G	16	5.482G
17	5.721G	18	5.321G	19	5.698G	20	5.574G
21	5.684G	22	5.293G	23	5.610G	24	5.425G
25	5.578G	26	5.542G	27	5.459G	28	5.258G
29	5.490G	30	5.277G	31	5.262G	32	5.445G
33	5.406G	34	5.701G	35	5.498G	36	5.512G
37	5.475G	38	5.486G	39	5.676G	40	5.597G
41	5.724G	42	5.529G	43	5.255G	44	5.505G
45	5.376G	46	5.716G	47	5.347G	48	5.317G
49	5.412G	50	5.488G	51	5.292G	52	5.430G
53	5.426G	54	5.362G	55	5.516G	56	5.284G
57	5.250G	58	5.280G	59	5.268G	60	5.653G
61	5.300G	62	5.473G	63	5.493G	64	5.707G
65	5.519G	66	5.681G	67	5.633G	68	5.471G
69	5.703G	70	5.420G	71	5.619G	72	5.608G
73	5.371G	74	5.279G	75	5.525G	76	5.627G
77	5.294G	78	5.495G	79	5.710G	80	5.499G
81	5.672G	82	5.410G	83	5.299G	84	5.435G
85	5.460G	86	5.339G	87	5.694G	88	5.298G
89	5.398G	90	5.670G	91	5.565G	92	5.400G
93	5.382G	94	5.678G	95	5.563G	96	5.709G
97	5.501G	98	5.559G	99	5.489G	100	5.500G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.439G	2	5.277G	3	5.415G	4	5.570G
5	5.526G	6	5.282G	7	5.509G	8	5.336G
9	5.410G	10	5.324G	11	5.723G	12	5.616G
13	5.274G	14	5.546G	15	5.465G	16	5.475G
17	5.544G	18	5.530G	19	5.444G	20	5.527G
21	5.281G	22	5.608G	23	5.333G	24	5.356G
25	5.604G	26	5.263G	27	5.507G	28	5.295G
29	5.634G	30	5.262G	31	5.268G	32	5.542G
33	5.306G	34	5.572G	35	5.448G	36	5.392G
37	5.253G	38	5.276G	39	5.476G	40	5.516G
41	5.663G	42	5.419G	43	5.429G	44	5.319G
45	5.710G	46	5.683G	47	5.625G	48	5.372G
49	5.261G	50	5.423G	51	5.612G	52	5.408G
53	5.304G	54	5.402G	55	5.626G	56	5.467G
57	5.587G	58	5.454G	59	5.386G	60	5.252G
61	5.463G	62	5.575G	63	5.519G	64	5.313G
65	5.272G	66	5.288G	67	5.679G	68	5.703G
69	5.613G	70	5.650G	71	5.479G	72	5.363G
73	5.624G	74	5.332G	75	5.586G	76	5.395G
77	5.478G	78	5.374G	79	5.485G	80	5.689G
81	5.660G	82	5.452G	83	5.338G	84	5.502G
85	5.675G	86	5.457G	87	5.722G	88	5.446G
89	5.564G	90	5.494G	91	5.583G	92	5.460G
93	5.412G	94	5.606G	95	5.671G	96	5.322G
97	5.688G	98	5.628G	99	5.547G	100	5.453G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.271G	2	5.367G	3	5.586G	4	5.345G
5	5.440G	6	5.377G	7	5.511G	8	5.447G
9	5.314G	10	5.446G	11	5.381G	12	5.502G
13	5.370G	14	5.565G	15	5.280G	16	5.338G
17	5.487G	18	5.717G	19	5.513G	20	5.534G
21	5.465G	22	5.515G	23	5.642G	24	5.402G
25	5.349G	26	5.312G	27	5.428G	28	5.518G
29	5.561G	30	5.365G	31	5.378G	32	5.452G
33	5.649G	34	5.439G	35	5.531G	36	5.664G
37	5.396G	38	5.583G	39	5.335G	40	5.719G
41	5.383G	42	5.608G	43	5.651G	44	5.279G
45	5.674G	46	5.463G	47	5.252G	48	5.437G
49	5.604G	50	5.375G	51	5.334G	52	5.410G
53	5.266G	54	5.411G	55	5.400G	56	5.675G
57	5.724G	58	5.532G	59	5.419G	60	5.557G
61	5.354G	62	5.392G	63	5.657G	64	5.582G
65	5.523G	66	5.689G	67	5.333G	68	5.438G
69	5.403G	70	5.426G	71	5.539G	72	5.621G
73	5.294G	74	5.441G	75	5.587G	76	5.710G
77	5.603G	78	5.382G	79	5.443G	80	5.265G
81	5.251G	82	5.269G	83	5.699G	84	5.442G
85	5.631G	86	5.462G	87	5.404G	88	5.610G
89	5.661G	90	5.262G	91	5.299G	92	5.633G
93	5.495G	94	5.555G	95	5.275G	96	5.340G
97	5.543G	98	5.663G	99	5.628G	100	5.595G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.279G	2	5.613G	3	5.291G	4	5.715G
5	5.524G	6	5.483G	7	5.255G	8	5.543G
9	5.331G	10	5.605G	11	5.501G	12	5.603G
13	5.300G	14	5.431G	15	5.273G	16	5.275G
17	5.338G	18	5.652G	19	5.644G	20	5.502G
21	5.297G	22	5.265G	23	5.471G	24	5.468G
25	5.258G	26	5.625G	27	5.357G	28	5.393G
29	5.324G	30	5.341G	31	5.287G	32	5.720G
33	5.444G	34	5.327G	35	5.328G	36	5.407G
37	5.386G	38	5.266G	39	5.612G	40	5.669G
41	5.539G	42	5.571G	43	5.713G	44	5.426G
45	5.432G	46	5.455G	47	5.363G	48	5.639G
49	5.510G	50	5.576G	51	5.712G	52	5.675G
53	5.522G	54	5.670G	55	5.662G	56	5.429G
57	5.513G	58	5.425G	59	5.708G	60	5.699G
61	5.321G	62	5.421G	63	5.333G	64	5.345G
65	5.627G	66	5.434G	67	5.375G	68	5.565G
69	5.309G	70	5.683G	71	5.303G	72	5.569G
73	5.419G	74	5.325G	75	5.274G	76	5.320G
77	5.671G	78	5.250G	79	5.649G	80	5.464G
81	5.470G	82	5.547G	83	5.608G	84	5.610G
85	5.628G	86	5.259G	87	5.435G	88	5.514G
89	5.607G	90	5.519G	91	5.661G	92	5.364G
93	5.269G	94	5.261G	95	5.620G	96	5.484G
97	5.602G	98	5.549G	99	5.706G	100	5.395G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.462G	2	5.464G	3	5.454G	4	5.466G
5	5.619G	6	5.670G	7	5.336G	8	5.295G
9	5.451G	10	5.415G	11	5.714G	12	5.634G
13	5.592G	14	5.408G	15	5.674G	16	5.680G
17	5.491G	18	5.287G	19	5.556G	20	5.682G
21	5.468G	22	5.257G	23	5.255G	24	5.416G
25	5.667G	26	5.614G	27	5.705G	28	5.511G
29	5.423G	30	5.690G	31	5.319G	32	5.569G
33	5.259G	34	5.298G	35	5.308G	36	5.559G
37	5.716G	38	5.698G	39	5.613G	40	5.651G
41	5.275G	42	5.344G	43	5.272G	44	5.588G
45	5.388G	46	5.283G	47	5.366G	48	5.539G
49	5.323G	50	5.582G	51	5.439G	52	5.529G
53	5.328G	54	5.596G	55	5.444G	56	5.618G
57	5.696G	58	5.693G	59	5.377G	60	5.591G
61	5.473G	62	5.598G	63	5.405G	64	5.321G
65	5.426G	66	5.349G	67	5.579G	68	5.300G
69	5.337G	70	5.675G	71	5.256G	72	5.601G
73	5.487G	74	5.432G	75	5.497G	76	5.610G
77	5.480G	78	5.381G	79	5.457G	80	5.358G
81	5.594G	82	5.329G	83	5.370G	84	5.440G
85	5.385G	86	5.707G	87	5.395G	88	5.431G
89	5.717G	90	5.383G	91	5.332G	92	5.501G
93	5.267G	94	5.467G	95	5.285G	96	5.357G
97	5.534G	98	5.597G	99	5.571G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.694G	2	5.647G	3	5.370G	4	5.280G
5	5.444G	6	5.325G	7	5.446G	8	5.638G
9	5.435G	10	5.293G	11	5.480G	12	5.478G
13	5.634G	14	5.337G	15	5.308G	16	5.623G
17	5.600G	18	5.559G	19	5.680G	20	5.692G
21	5.402G	22	5.288G	23	5.445G	24	5.259G
25	5.498G	26	5.357G	27	5.674G	28	5.663G
29	5.637G	30	5.554G	31	5.706G	32	5.277G
33	5.352G	34	5.284G	35	5.369G	36	5.563G
37	5.687G	38	5.599G	39	5.671G	40	5.354G
41	5.581G	42	5.606G	43	5.704G	44	5.611G
45	5.719G	46	5.659G	47	5.322G	48	5.436G
49	5.403G	50	5.433G	51	5.343G	52	5.683G
53	5.588G	54	5.595G	55	5.419G	56	5.518G
57	5.442G	58	5.386G	59	5.359G	60	5.385G
61	5.572G	62	5.502G	63	5.558G	64	5.620G
65	5.617G	66	5.516G	67	5.348G	68	5.351G
69	5.388G	70	5.441G	71	5.263G	72	5.331G
73	5.285G	74	5.501G	75	5.299G	76	5.307G
77	5.697G	78	5.579G	79	5.711G	80	5.272G
81	5.564G	82	5.427G	83	5.640G	84	5.515G
85	5.618G	86	5.381G	87	5.319G	88	5.560G
89	5.720G	90	5.485G	91	5.667G	92	5.675G
93	5.371G	94	5.597G	95	5.622G	96	5.590G
97	5.447G	98	5.517G	99	5.492G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.639G	2	5.294G	3	5.393G	4	5.578G
5	5.650G	6	5.718G	7	5.637G	8	5.355G
9	5.418G	10	5.452G	11	5.627G	12	5.664G
13	5.681G	14	5.603G	15	5.394G	16	5.382G
17	5.531G	18	5.404G	19	5.251G	20	5.288G
21	5.646G	22	5.473G	23	5.494G	24	5.596G
25	5.274G	26	5.301G	27	5.464G	28	5.255G
29	5.536G	30	5.622G	31	5.436G	32	5.350G
33	5.624G	34	5.582G	35	5.332G	36	5.396G
37	5.626G	38	5.586G	39	5.680G	40	5.327G
41	5.309G	42	5.391G	43	5.471G	44	5.312G
45	5.352G	46	5.644G	47	5.525G	48	5.416G
49	5.476G	50	5.487G	51	5.463G	52	5.438G
53	5.539G	54	5.568G	55	5.605G	56	5.300G
57	5.538G	58	5.417G	59	5.615G	60	5.481G
61	5.674G	62	5.709G	63	5.659G	64	5.409G
65	5.663G	66	5.535G	67	5.500G	68	5.349G
69	5.387G	70	5.407G	71	5.414G	72	5.402G
73	5.459G	74	5.326G	75	5.280G	76	5.573G
77	5.306G	78	5.338G	79	5.388G	80	5.625G
81	5.584G	82	5.529G	83	5.656G	84	5.295G
85	5.386G	86	5.533G	87	5.723G	88	5.258G
89	5.256G	90	5.430G	91	5.369G	92	5.641G
93	5.493G	94	5.588G	95	5.610G	96	5.518G
97	5.484G	98	5.272G	99	5.634G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.638G	2	5.261G	3	5.535G	4	5.554G
5	5.364G	6	5.497G	7	5.718G	8	5.295G
9	5.511G	10	5.367G	11	5.373G	12	5.717G
13	5.442G	14	5.501G	15	5.406G	16	5.360G
17	5.410G	18	5.612G	19	5.706G	20	5.523G
21	5.517G	22	5.377G	23	5.603G	24	5.670G
25	5.444G	26	5.604G	27	5.493G	28	5.402G
29	5.552G	30	5.697G	31	5.417G	32	5.310G
33	5.451G	34	5.291G	35	5.396G	36	5.271G
37	5.424G	38	5.528G	39	5.689G	40	5.565G
41	5.573G	42	5.541G	43	5.675G	44	5.487G
45	5.365G	46	5.495G	47	5.719G	48	5.459G
49	5.467G	50	5.327G	51	5.572G	52	5.520G
53	5.431G	54	5.435G	55	5.525G	56	5.325G
57	5.336G	58	5.482G	59	5.473G	60	5.628G
61	5.722G	62	5.379G	63	5.624G	64	5.268G
65	5.558G	66	5.359G	67	5.318G	68	5.703G
69	5.340G	70	5.617G	71	5.503G	72	5.489G
73	5.481G	74	5.716G	75	5.494G	76	5.445G
77	5.491G	78	5.382G	79	5.330G	80	5.586G
81	5.363G	82	5.480G	83	5.461G	84	5.666G
85	5.408G	86	5.678G	87	5.265G	88	5.286G
89	5.332G	90	5.634G	91	5.353G	92	5.555G
93	5.570G	94	5.506G	95	5.641G	96	5.273G
97	5.372G	98	5.420G	99	5.713G	100	5.659G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.360G	3	5.580G	4	5.658G
5	5.581G	6	5.557G	7	5.600G	8	5.531G
9	5.284G	10	5.629G	11	5.266G	12	5.644G
13	5.466G	14	5.667G	15	5.280G	16	5.356G
17	5.438G	18	5.595G	19	5.690G	20	5.419G
21	5.401G	22	5.330G	23	5.285G	24	5.443G
25	5.464G	26	5.310G	27	5.545G	28	5.317G
29	5.702G	30	5.709G	31	5.364G	32	5.612G
33	5.292G	34	5.448G	35	5.422G	36	5.370G
37	5.528G	38	5.547G	39	5.338G	40	5.713G
41	5.641G	42	5.611G	43	5.708G	44	5.277G
45	5.479G	46	5.483G	47	5.661G	48	5.588G
49	5.605G	50	5.294G	51	5.252G	52	5.279G
53	5.273G	54	5.525G	55	5.439G	56	5.492G
57	5.298G	58	5.692G	59	5.312G	60	5.586G
61	5.561G	62	5.563G	63	5.316G	64	5.424G
65	5.295G	66	5.311G	67	5.646G	68	5.393G
69	5.722G	70	5.649G	71	5.417G	72	5.395G
73	5.347G	74	5.337G	75	5.431G	76	5.308G
77	5.573G	78	5.576G	79	5.505G	80	5.640G
81	5.396G	82	5.608G	83	5.558G	84	5.630G
85	5.516G	86	5.556G	87	5.643G	88	5.474G
89	5.410G	90	5.636G	91	5.602G	92	5.320G
93	5.408G	94	5.462G	95	5.705G	96	5.680G
97	5.428G	98	5.333G	99	5.357G	100	5.535G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.703G	2	5.275G	3	5.540G	4	5.474G
5	5.713G	6	5.371G	7	5.326G	8	5.411G
9	5.266G	10	5.619G	11	5.460G	12	5.678G
13	5.719G	14	5.325G	15	5.314G	16	5.317G
17	5.469G	18	5.671G	19	5.328G	20	5.262G
21	5.395G	22	5.648G	23	5.684G	24	5.291G
25	5.675G	26	5.662G	27	5.583G	28	5.552G
29	5.392G	30	5.439G	31	5.644G	32	5.486G
33	5.300G	34	5.484G	35	5.701G	36	5.356G
37	5.408G	38	5.413G	39	5.287G	40	5.692G
41	5.437G	42	5.672G	43	5.565G	44	5.694G
45	5.343G	46	5.406G	47	5.680G	48	5.405G
49	5.630G	50	5.570G	51	5.359G	52	5.569G
53	5.613G	54	5.321G	55	5.461G	56	5.504G
57	5.517G	58	5.457G	59	5.282G	60	5.476G
61	5.348G	62	5.699G	63	5.274G	64	5.296G
65	5.286G	66	5.507G	67	5.427G	68	5.538G
69	5.710G	70	5.436G	71	5.649G	72	5.702G
73	5.337G	74	5.599G	75	5.705G	76	5.664G
77	5.271G	78	5.575G	79	5.452G	80	5.342G
81	5.487G	82	5.290G	83	5.657G	84	5.373G
85	5.582G	86	5.456G	87	5.347G	88	5.529G
89	5.391G	90	5.685G	91	5.330G	92	5.404G
93	5.352G	94	5.441G	95	5.299G	96	5.480G
97	5.423G	98	5.399G	99	5.288G	100	5.645G

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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	5.286G	2	5.569G	3	5.622G	4	5.652G
5	5.579G	6	5.356G	7	5.404G	8	5.620G
9	5.345G	10	5.467G	11	5.389G	12	5.716G
13	5.388G	14	5.430G	15	5.287G	16	5.363G
17	5.305G	18	5.283G	19	5.379G	20	5.454G
21	5.264G	22	5.505G	23	5.394G	24	5.466G
25	5.531G	26	5.341G	27	5.517G	28	5.696G
29	5.432G	30	5.460G	31	5.400G	32	5.547G
33	5.401G	34	5.255G	35	5.448G	36	5.663G
37	5.525G	38	5.263G	39	5.337G	40	5.282G
41	5.330G	42	5.465G	43	5.269G	44	5.355G
45	5.433G	46	5.324G	47	5.312G	48	5.353G
49	5.717G	50	5.297G	51	5.554G	52	5.369G
53	5.619G	54	5.600G	55	5.690G	56	5.509G
57	5.514G	58	5.635G	59	5.492G	60	5.627G
61	5.326G	62	5.650G	63	5.438G	64	5.384G
65	5.657G	66	5.350G	67	5.572G	68	5.537G
69	5.366G	70	5.684G	71	5.344G	72	5.533G
73	5.261G	74	5.643G	75	5.455G	76	5.596G
77	5.445G	78	5.575G	79	5.538G	80	5.410G
81	5.688G	82	5.707G	83	5.686G	84	5.610G
85	5.304G	86	5.724G	87	5.702G	88	5.568G
89	5.265G	90	5.295G	91	5.597G	92	5.284G
93	5.668G	94	5.532G	95	5.463G	96	5.543G
97	5.614G	98	5.563G	99	5.520G	100	5.683G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.719G	2	5.298G	3	5.324G	4	5.697G
5	5.382G	6	5.291G	7	5.694G	8	5.341G
9	5.709G	10	5.625G	11	5.255G	12	5.485G
13	5.321G	14	5.460G	15	5.410G	16	5.650G
17	5.351G	18	5.340G	19	5.437G	20	5.715G
21	5.549G	22	5.405G	23	5.508G	24	5.584G
25	5.339G	26	5.462G	27	5.436G	28	5.494G
29	5.423G	30	5.620G	31	5.676G	32	5.258G
33	5.478G	34	5.471G	35	5.532G	36	5.544G
37	5.684G	38	5.604G	39	5.434G	40	5.593G
41	5.685G	42	5.331G	43	5.408G	44	5.577G
45	5.349G	46	5.700G	47	5.269G	48	5.395G
49	5.569G	50	5.312G	51	5.457G	52	5.516G
53	5.489G	54	5.253G	55	5.534G	56	5.265G
57	5.427G	58	5.365G	59	5.573G	60	5.647G
61	5.622G	62	5.602G	63	5.257G	64	5.555G
65	5.444G	66	5.252G	67	5.704G	68	5.525G
69	5.681G	70	5.251G	71	5.703G	72	5.438G
73	5.527G	74	5.624G	75	5.637G	76	5.432G
77	5.493G	78	5.563G	79	5.634G	80	5.653G
81	5.290G	82	5.377G	83	5.646G	84	5.323G
85	5.419G	86	5.371G	87	5.526G	88	5.327G
89	5.384G	90	5.286G	91	5.662G	92	5.543G
93	5.318G	94	5.332G	95	5.443G	96	5.262G
97	5.264G	98	5.302G	99	5.686G	100	5.256G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.401G	3	5.619G	4	5.292G
5	5.362G	6	5.713G	7	5.630G	8	5.382G
9	5.365G	10	5.635G	11	5.540G	12	5.608G
13	5.566G	14	5.490G	15	5.467G	16	5.256G
17	5.432G	18	5.690G	19	5.307G	20	5.657G
21	5.693G	22	5.373G	23	5.634G	24	5.479G
25	5.704G	26	5.395G	27	5.255G	28	5.686G
29	5.376G	30	5.296G	31	5.550G	32	5.375G
33	5.716G	34	5.437G	35	5.436G	36	5.706G
37	5.646G	38	5.548G	39	5.450G	40	5.587G
41	5.549G	42	5.498G	43	5.668G	44	5.331G
45	5.589G	46	5.428G	47	5.504G	48	5.391G
49	5.585G	50	5.315G	51	5.288G	52	5.356G
53	5.354G	54	5.317G	55	5.500G	56	5.263G
57	5.620G	58	5.269G	59	5.645G	60	5.290G
61	5.672G	62	5.266G	63	5.271G	64	5.625G
65	5.683G	66	5.702G	67	5.280G	68	5.439G
69	5.407G	70	5.649G	71	5.409G	72	5.723G
73	5.533G	74	5.491G	75	5.631G	76	5.380G
77	5.636G	78	5.457G	79	5.449G	80	5.629G
81	5.676G	82	5.588G	83	5.487G	84	5.715G
85	5.694G	86	5.564G	87	5.557G	88	5.415G
89	5.426G	90	5.570G	91	5.433G	92	5.606G
93	5.578G	94	5.583G	95	5.262G	96	5.632G
97	5.559G	98	5.691G	99	5.539G	100	5.692G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.315G	2	5.552G	3	5.535G	4	5.314G
5	5.508G	6	5.321G	7	5.427G	8	5.444G
9	5.290G	10	5.549G	11	5.685G	12	5.723G
13	5.643G	14	5.507G	15	5.701G	16	5.666G
17	5.698G	18	5.530G	19	5.339G	20	5.636G
21	5.657G	22	5.494G	23	5.277G	24	5.438G
25	5.311G	26	5.703G	27	5.625G	28	5.704G
29	5.504G	30	5.465G	31	5.478G	32	5.389G
33	5.670G	34	5.453G	35	5.707G	36	5.521G
37	5.429G	38	5.512G	39	5.672G	40	5.398G
41	5.684G	42	5.548G	43	5.564G	44	5.320G
45	5.590G	46	5.254G	47	5.500G	48	5.598G
49	5.669G	50	5.295G	51	5.447G	52	5.362G
53	5.324G	54	5.515G	55	5.334G	56	5.446G
57	5.496G	58	5.717G	59	5.651G	60	5.287G
61	5.700G	62	5.577G	63	5.260G	64	5.393G
65	5.694G	66	5.474G	67	5.363G	68	5.397G
69	5.671G	70	5.288G	71	5.357G	72	5.676G
73	5.525G	74	5.499G	75	5.624G	76	5.466G
77	5.313G	78	5.422G	79	5.715G	80	5.711G
81	5.481G	82	5.480G	83	5.369G	84	5.605G
85	5.576G	86	5.647G	87	5.584G	88	5.433G
89	5.437G	90	5.681G	91	5.572G	92	5.400G
93	5.471G	94	5.602G	95	5.604G	96	5.589G
97	5.579G	98	5.650G	99	5.415G	100	5.493G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.694G	3	5.384G	4	5.585G
5	5.283G	6	5.291G	7	5.421G	8	5.382G
9	5.706G	10	5.296G	11	5.457G	12	5.708G
13	5.410G	14	5.322G	15	5.386G	16	5.717G
17	5.262G	18	5.411G	19	5.357G	20	5.559G
21	5.690G	22	5.640G	23	5.639G	24	5.558G
25	5.695G	26	5.327G	27	5.417G	28	5.689G
29	5.446G	30	5.395G	31	5.628G	32	5.362G
33	5.383G	34	5.377G	35	5.263G	36	5.524G
37	5.574G	38	5.649G	39	5.595G	40	5.391G
41	5.305G	42	5.345G	43	5.516G	44	5.650G
45	5.586G	46	5.270G	47	5.657G	48	5.480G
49	5.409G	50	5.268G	51	5.355G	52	5.337G
53	5.551G	54	5.292G	55	5.452G	56	5.326G
57	5.655G	58	5.473G	59	5.251G	60	5.434G
61	5.684G	62	5.719G	63	5.348G	64	5.625G
65	5.344G	66	5.481G	67	5.722G	68	5.349G
69	5.350G	70	5.701G	71	5.371G	72	5.679G
73	5.477G	74	5.299G	75	5.680G	76	5.389G
77	5.519G	78	5.302G	79	5.605G	80	5.252G
81	5.544G	82	5.543G	83	5.674G	84	5.307G
85	5.423G	86	5.501G	87	5.509G	88	5.257G
89	5.656G	90	5.643G	91	5.626G	92	5.618G
93	5.514G	94	5.308G	95	5.499G	96	5.635G
97	5.468G	98	5.677G	99	5.594G	100	5.685G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.621G	2	5.683G	3	5.717G	4	5.409G
5	5.604G	6	5.648G	7	5.413G	8	5.618G
9	5.543G	10	5.628G	11	5.595G	12	5.354G
13	5.302G	14	5.530G	15	5.521G	16	5.686G
17	5.644G	18	5.328G	19	5.379G	20	5.335G
21	5.522G	22	5.632G	23	5.685G	24	5.655G
25	5.720G	26	5.252G	27	5.272G	28	5.430G
29	5.503G	30	5.353G	31	5.588G	32	5.297G
33	5.336G	34	5.304G	35	5.703G	36	5.692G
37	5.423G	38	5.511G	39	5.458G	40	5.267G
41	5.535G	42	5.271G	43	5.544G	44	5.449G
45	5.309G	46	5.489G	47	5.443G	48	5.670G
49	5.609G	50	5.436G	51	5.259G	52	5.405G
53	5.528G	54	5.293G	55	5.317G	56	5.724G
57	5.699G	58	5.500G	59	5.550G	60	5.524G
61	5.334G	62	5.557G	63	5.406G	64	5.345G
65	5.475G	66	5.421G	67	5.693G	68	5.673G
69	5.666G	70	5.675G	71	5.651G	72	5.708G
73	5.310G	74	5.318G	75	5.592G	76	5.333G
77	5.488G	78	5.562G	79	5.437G	80	5.492G
81	5.718G	82	5.394G	83	5.519G	84	5.513G
85	5.323G	86	5.424G	87	5.439G	88	5.484G
89	5.357G	90	5.473G	91	5.540G	92	5.680G
93	5.363G	94	5.573G	95	5.721G	96	5.332G
97	5.587G	98	5.694G	99	5.657G	100	5.614G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.275G	2	5.465G	3	5.261G	4	5.387G
5	5.696G	6	5.664G	7	5.700G	8	5.296G
9	5.623G	10	5.312G	11	5.455G	12	5.595G
13	5.327G	14	5.585G	15	5.480G	16	5.462G
17	5.449G	18	5.570G	19	5.663G	20	5.714G
21	5.688G	22	5.511G	23	5.340G	24	5.259G
25	5.478G	26	5.628G	27	5.703G	28	5.590G
29	5.697G	30	5.442G	31	5.306G	32	5.502G
33	5.506G	34	5.604G	35	5.255G	36	5.433G
37	5.675G	38	5.463G	39	5.677G	40	5.504G
41	5.525G	42	5.258G	43	5.292G	44	5.265G
45	5.452G	46	5.496G	47	5.411G	48	5.386G
49	5.538G	50	5.333G	51	5.396G	52	5.535G
53	5.670G	54	5.370G	55	5.410G	56	5.251G
57	5.256G	58	5.450G	59	5.613G	60	5.407G
61	5.373G	62	5.546G	63	5.568G	64	5.288G
65	5.469G	66	5.516G	67	5.544G	68	5.665G
69	5.555G	70	5.559G	71	5.505G	72	5.692G
73	5.591G	74	5.300G	75	5.662G	76	5.498G
77	5.278G	78	5.311G	79	5.680G	80	5.329G
81	5.632G	82	5.447G	83	5.287G	84	5.554G
85	5.579G	86	5.420G	87	5.262G	88	5.298G
89	5.360G	90	5.718G	91	5.451G	92	5.608G
93	5.552G	94	5.274G	95	5.349G	96	5.651G
97	5.522G	98	5.294G	99	5.297G	100	5.363G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.685G	2	5.443G	3	5.374G	4	5.411G
5	5.417G	6	5.284G	7	5.492G	8	5.439G
9	5.452G	10	5.314G	11	5.550G	12	5.294G
13	5.699G	14	5.384G	15	5.382G	16	5.560G
17	5.307G	18	5.454G	19	5.472G	20	5.722G
21	5.482G	22	5.408G	23	5.299G	24	5.680G
25	5.609G	26	5.270G	27	5.598G	28	5.581G
29	5.362G	30	5.708G	31	5.623G	32	5.673G
33	5.533G	34	5.592G	35	5.538G	36	5.591G
37	5.281G	38	5.643G	39	5.318G	40	5.499G
41	5.404G	42	5.265G	43	5.655G	44	5.624G
45	5.428G	46	5.669G	47	5.500G	48	5.596G
49	5.414G	50	5.313G	51	5.612G	52	5.615G
53	5.256G	54	5.516G	55	5.392G	56	5.310G
57	5.625G	58	5.434G	59	5.473G	60	5.481G
61	5.705G	62	5.262G	63	5.363G	64	5.405G
65	5.543G	66	5.476G	67	5.330G	68	5.252G
69	5.520G	70	5.387G	71	5.518G	72	5.582G
73	5.567G	74	5.651G	75	5.429G	76	5.282G
77	5.555G	78	5.386G	79	5.483G	80	5.427G
81	5.603G	82	5.649G	83	5.286G	84	5.467G
85	5.416G	86	5.575G	87	5.614G	88	5.342G
89	5.331G	90	5.389G	91	5.426G	92	5.359G
93	5.306G	94	5.323G	95	5.628G	96	5.479G
97	5.570G	98	5.437G	99	5.457G	100	5.292G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.311G	2	5.497G	3	5.591G	4	5.465G
5	5.641G	6	5.693G	7	5.284G	8	5.674G
9	5.412G	10	5.622G	11	5.359G	12	5.709G
13	5.667G	14	5.301G	15	5.631G	16	5.518G
17	5.569G	18	5.512G	19	5.462G	20	5.489G
21	5.377G	22	5.260G	23	5.390G	24	5.716G
25	5.407G	26	5.437G	27	5.344G	28	5.401G
29	5.313G	30	5.510G	31	5.635G	32	5.701G
33	5.323G	34	5.685G	35	5.717G	36	5.451G
37	5.697G	38	5.477G	39	5.253G	40	5.425G
41	5.670G	42	5.438G	43	5.308G	44	5.291G
45	5.532G	46	5.343G	47	5.516G	48	5.715G
49	5.294G	50	5.397G	51	5.643G	52	5.492G
53	5.658G	54	5.537G	55	5.557G	56	5.360G
57	5.262G	58	5.310G	59	5.573G	60	5.290G
61	5.483G	62	5.561G	63	5.496G	64	5.695G
65	5.421G	66	5.349G	67	5.283G	68	5.650G
69	5.275G	70	5.634G	71	5.571G	72	5.558G
73	5.288G	74	5.713G	75	5.653G	76	5.370G
77	5.538G	78	5.362G	79	5.629G	80	5.355G
81	5.644G	82	5.271G	83	5.679G	84	5.367G
85	5.296G	86	5.526G	87	5.661G	88	5.378G
89	5.593G	90	5.393G	91	5.675G	92	5.273G
93	5.400G	94	5.555G	95	5.719G	96	5.712G
97	5.608G	98	5.405G	99	5.434G	100	5.603G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.544G	2	5.359G	3	5.721G	4	5.671G
5	5.627G	6	5.273G	7	5.459G	8	5.300G
9	5.518G	10	5.694G	11	5.296G	12	5.480G
13	5.412G	14	5.257G	15	5.292G	16	5.316G
17	5.561G	18	5.284G	19	5.377G	20	5.692G
21	5.608G	22	5.338G	23	5.621G	24	5.585G
25	5.546G	26	5.576G	27	5.672G	28	5.594G
29	5.483G	30	5.250G	31	5.259G	32	5.670G
33	5.505G	34	5.424G	35	5.327G	36	5.457G
37	5.656G	38	5.382G	39	5.280G	40	5.510G
41	5.467G	42	5.685G	43	5.551G	44	5.295G
45	5.499G	46	5.494G	47	5.606G	48	5.497G
49	5.331G	50	5.688G	51	5.293G	52	5.676G
53	5.364G	54	5.336G	55	5.678G	56	5.696G
57	5.557G	58	5.523G	59	5.272G	60	5.479G
61	5.426G	62	5.352G	63	5.648G	64	5.432G
65	5.580G	66	5.324G	67	5.277G	68	5.370G
69	5.687G	70	5.592G	71	5.267G	72	5.367G
73	5.651G	74	5.573G	75	5.504G	76	5.407G
77	5.548G	78	5.538G	79	5.275G	80	5.686G
81	5.490G	82	5.516G	83	5.581G	84	5.378G
85	5.489G	86	5.675G	87	5.313G	88	5.714G
89	5.712G	90	5.251G	91	5.565G	92	5.402G
93	5.448G	94	5.625G	95	5.476G	96	5.390G
97	5.434G	98	5.677G	99	5.683G	100	5.639G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.422G	2	5.380G	3	5.310G	4	5.555G
5	5.463G	6	5.547G	7	5.311G	8	5.486G
9	5.492G	10	5.395G	11	5.674G	12	5.476G
13	5.275G	14	5.455G	15	5.521G	16	5.426G
17	5.499G	18	5.451G	19	5.641G	20	5.682G
21	5.465G	22	5.301G	23	5.423G	24	5.569G
25	5.303G	26	5.501G	27	5.693G	28	5.296G
29	5.445G	30	5.472G	31	5.594G	32	5.614G
33	5.314G	34	5.291G	35	5.322G	36	5.618G
37	5.387G	38	5.567G	39	5.292G	40	5.417G
41	5.448G	42	5.250G	43	5.490G	44	5.556G
45	5.341G	46	5.290G	47	5.282G	48	5.464G
49	5.470G	50	5.458G	51	5.626G	52	5.493G
53	5.537G	54	5.649G	55	5.520G	56	5.557G
57	5.656G	58	5.475G	59	5.611G	60	5.518G
61	5.366G	62	5.667G	63	5.711G	64	5.500G
65	5.384G	66	5.600G	67	5.365G	68	5.722G
69	5.411G	70	5.642G	71	5.330G	72	5.360G
73	5.496G	74	5.286G	75	5.664G	76	5.554G
77	5.522G	78	5.348G	79	5.335G	80	5.723G
81	5.487G	82	5.628G	83	5.578G	84	5.255G
85	5.299G	86	5.639G	87	5.287G	88	5.506G
89	5.684G	90	5.683G	91	5.636G	92	5.562G
93	5.677G	94	5.603G	95	5.559G	96	5.427G
97	5.326G	98	5.428G	99	5.354G	100	5.339G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.254G	2	5.669G	3	5.390G	4	5.267G
5	5.568G	6	5.529G	7	5.495G	8	5.621G
9	5.682G	10	5.251G	11	5.544G	12	5.464G
13	5.620G	14	5.450G	15	5.556G	16	5.511G
17	5.619G	18	5.500G	19	5.512G	20	5.534G
21	5.660G	22	5.322G	23	5.403G	24	5.465G
25	5.597G	26	5.327G	27	5.391G	28	5.396G
29	5.520G	30	5.502G	31	5.378G	32	5.394G
33	5.395G	34	5.308G	35	5.355G	36	5.455G
37	5.297G	38	5.676G	39	5.600G	40	5.397G
41	5.654G	42	5.463G	43	5.663G	44	5.662G
45	5.439G	46	5.551G	47	5.537G	48	5.590G
49	5.448G	50	5.315G	51	5.710G	52	5.366G
53	5.408G	54	5.631G	55	5.255G	56	5.543G
57	5.445G	58	5.677G	59	5.701G	60	5.699G
61	5.418G	62	5.424G	63	5.413G	64	5.338G
65	5.298G	66	5.688G	67	5.514G	68	5.605G
69	5.443G	70	5.708G	71	5.410G	72	5.285G
73	5.265G	74	5.452G	75	5.718G	76	5.309G
77	5.603G	78	5.617G	79	5.416G	80	5.483G
81	5.271G	82	5.504G	83	5.645G	84	5.274G
85	5.259G	86	5.664G	87	5.683G	88	5.671G
89	5.427G	90	5.622G	91	5.703G	92	5.442G
93	5.425G	94	5.577G	95	5.562G	96	5.578G
97	5.561G	98	5.692G	99	5.330G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.423G	2	5.559G	3	5.583G	4	5.373G
5	5.436G	6	5.337G	7	5.425G	8	5.504G
9	5.613G	10	5.265G	11	5.567G	12	5.360G
13	5.601G	14	5.627G	15	5.615G	16	5.281G
17	5.499G	18	5.680G	19	5.653G	20	5.654G
21	5.279G	22	5.547G	23	5.288G	24	5.704G
25	5.277G	26	5.610G	27	5.686G	28	5.682G
29	5.494G	30	5.565G	31	5.413G	32	5.440G
33	5.516G	34	5.655G	35	5.488G	36	5.677G
37	5.520G	38	5.309G	39	5.312G	40	5.607G
41	5.706G	42	5.692G	43	5.275G	44	5.571G
45	5.382G	46	5.254G	47	5.381G	48	5.426G
49	5.710G	50	5.369G	51	5.372G	52	5.355G
53	5.541G	54	5.292G	55	5.699G	56	5.283G
57	5.648G	58	5.383G	59	5.685G	60	5.621G
61	5.554G	62	5.308G	63	5.467G	64	5.297G
65	5.431G	66	5.399G	67	5.557G	68	5.528G
69	5.722G	70	5.352G	71	5.361G	72	5.252G
73	5.598G	74	5.412G	75	5.597G	76	5.296G
77	5.366G	78	5.433G	79	5.679G	80	5.556G
81	5.502G	82	5.525G	83	5.605G	84	5.418G
85	5.585G	86	5.534G	87	5.703G	88	5.523G
89	5.485G	90	5.724G	91	5.695G	92	5.342G
93	5.303G	94	5.476G	95	5.263G	96	5.257G
97	5.415G	98	5.614G	99	5.325G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.633G	2	5.662G	3	5.472G	4	5.377G
5	5.608G	6	5.457G	7	5.403G	8	5.271G
9	5.653G	10	5.559G	11	5.668G	12	5.535G
13	5.292G	14	5.537G	15	5.441G	16	5.323G
17	5.619G	18	5.388G	19	5.494G	20	5.375G
21	5.285G	22	5.379G	23	5.609G	24	5.523G
25	5.639G	26	5.646G	27	5.255G	28	5.498G
29	5.669G	30	5.374G	31	5.315G	32	5.405G
33	5.294G	34	5.566G	35	5.625G	36	5.402G
37	5.541G	38	5.554G	39	5.422G	40	5.591G
41	5.695G	42	5.525G	43	5.270G	44	5.398G
45	5.671G	46	5.686G	47	5.251G	48	5.492G
49	5.366G	50	5.654G	51	5.364G	52	5.631G
53	5.582G	54	5.437G	55	5.410G	56	5.329G
57	5.679G	58	5.604G	59	5.694G	60	5.484G
61	5.261G	62	5.550G	63	5.303G	64	5.370G
65	5.618G	66	5.681G	67	5.567G	68	5.471G
69	5.334G	70	5.613G	71	5.716G	72	5.616G
73	5.440G	74	5.263G	75	5.698G	76	5.531G
77	5.346G	78	5.425G	79	5.638G	80	5.481G
81	5.473G	82	5.307G	83	5.430G	84	5.687G
85	5.583G	86	5.524G	87	5.353G	88	5.585G
89	5.350G	90	5.640G	91	5.449G	92	5.600G
93	5.383G	94	5.474G	95	5.508G	96	5.642G
97	5.630G	98	5.413G	99	5.299G	100	5.358G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.634G	2	5.568G	3	5.417G	4	5.487G
5	5.250G	6	5.659G	7	5.293G	8	5.353G
9	5.702G	10	5.676G	11	5.312G	12	5.651G
13	5.501G	14	5.406G	15	5.700G	16	5.609G
17	5.277G	18	5.294G	19	5.395G	20	5.421G
21	5.719G	22	5.289G	23	5.617G	24	5.255G
25	5.405G	26	5.394G	27	5.484G	28	5.326G
29	5.283G	30	5.327G	31	5.387G	32	5.522G
33	5.322G	34	5.576G	35	5.333G	36	5.710G
37	5.291G	38	5.290G	39	5.708G	40	5.308G
41	5.705G	42	5.581G	43	5.678G	44	5.675G
45	5.542G	46	5.548G	47	5.509G	48	5.464G
49	5.552G	50	5.533G	51	5.631G	52	5.480G
53	5.279G	54	5.506G	55	5.434G	56	5.483G
57	5.612G	58	5.640G	59	5.346G	60	5.512G
61	5.408G	62	5.586G	63	5.597G	64	5.459G
65	5.709G	66	5.301G	67	5.441G	68	5.628G
69	5.409G	70	5.516G	71	5.677G	72	5.561G
73	5.494G	74	5.426G	75	5.309G	76	5.306G
77	5.297G	78	5.711G	79	5.465G	80	5.392G
81	5.510G	82	5.632G	83	5.584G	84	5.433G
85	5.606G	86	5.610G	87	5.627G	88	5.347G
89	5.367G	90	5.403G	91	5.386G	92	5.368G
93	5.377G	94	5.665G	95	5.629G	96	5.671G
97	5.590G	98	5.460G	99	5.653G	100	5.695G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.380G	3	5.710G	4	5.375G
5	5.689G	6	5.326G	7	5.644G	8	5.595G
9	5.460G	10	5.426G	11	5.439G	12	5.673G
13	5.557G	14	5.277G	15	5.542G	16	5.598G
17	5.596G	18	5.655G	19	5.577G	20	5.570G
21	5.565G	22	5.291G	23	5.301G	24	5.667G
25	5.286G	26	5.585G	27	5.347G	28	5.568G
29	5.525G	30	5.306G	31	5.587G	32	5.283G
33	5.704G	34	5.435G	35	5.473G	36	5.678G
37	5.520G	38	5.298G	39	5.474G	40	5.566G
41	5.273G	42	5.284G	43	5.546G	44	5.267G
45	5.303G	46	5.304G	47	5.346G	48	5.652G
49	5.712G	50	5.519G	51	5.502G	52	5.597G
53	5.532G	54	5.685G	55	5.289G	56	5.562G
57	5.695G	58	5.455G	59	5.399G	60	5.553G
61	5.631G	62	5.599G	63	5.511G	64	5.407G
65	5.349G	66	5.493G	67	5.674G	68	5.619G
69	5.420G	70	5.363G	71	5.331G	72	5.382G
73	5.602G	74	5.501G	75	5.721G	76	5.696G
77	5.406G	78	5.403G	79	5.530G	80	5.641G
81	5.309G	82	5.614G	83	5.522G	84	5.384G
85	5.377G	86	5.397G	87	5.266G	88	5.488G
89	5.404G	90	5.697G	91	5.654G	92	5.607G
93	5.588G	94	5.323G	95	5.300G	96	5.489G
97	5.601G	98	5.645G	99	5.611G	100	5.523G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.703G	2	5.358G	3	5.486G	4	5.625G
5	5.447G	6	5.456G	7	5.714G	8	5.498G
9	5.390G	10	5.715G	11	5.663G	12	5.482G
13	5.697G	14	5.376G	15	5.688G	16	5.485G
17	5.580G	18	5.675G	19	5.420G	20	5.438G
21	5.706G	22	5.661G	23	5.502G	24	5.404G
25	5.318G	26	5.542G	27	5.511G	28	5.588G
29	5.515G	30	5.494G	31	5.720G	32	5.266G
33	5.687G	34	5.365G	35	5.519G	36	5.650G
37	5.359G	38	5.470G	39	5.711G	40	5.394G
41	5.685G	42	5.638G	43	5.253G	44	5.301G
45	5.328G	46	5.534G	47	5.467G	48	5.710G
49	5.619G	50	5.657G	51	5.348G	52	5.292G
53	5.609G	54	5.466G	55	5.414G	56	5.426G
57	5.327G	58	5.322G	59	5.582G	60	5.360G
61	5.464G	62	5.364G	63	5.252G	64	5.632G
65	5.381G	66	5.309G	67	5.289G	68	5.320G
69	5.705G	70	5.674G	71	5.690G	72	5.664G
73	5.271G	74	5.441G	75	5.287G	76	5.677G
77	5.543G	78	5.378G	79	5.721G	80	5.484G
81	5.662G	82	5.396G	83	5.303G	84	5.510G
85	5.608G	86	5.304G	87	5.446G	88	5.641G
89	5.682G	90	5.331G	91	5.385G	92	5.676G
93	5.284G	94	5.280G	95	5.571G	96	5.395G
97	5.440G	98	5.372G	99	5.362G	100	5.491G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.364G	3	5.698G	4	5.573G
5	5.580G	6	5.706G	7	5.291G	8	5.286G
9	5.419G	10	5.458G	11	5.426G	12	5.277G
13	5.428G	14	5.431G	15	5.270G	16	5.651G
17	5.282G	18	5.620G	19	5.313G	20	5.355G
21	5.578G	22	5.666G	23	5.509G	24	5.483G
25	5.323G	26	5.691G	27	5.362G	28	5.403G
29	5.304G	30	5.663G	31	5.495G	32	5.267G
33	5.473G	34	5.683G	35	5.679G	36	5.292G
37	5.293G	38	5.696G	39	5.276G	40	5.541G
41	5.318G	42	5.504G	43	5.459G	44	5.624G
45	5.425G	46	5.444G	47	5.652G	48	5.457G
49	5.345G	50	5.320G	51	5.539G	52	5.490G
53	5.370G	54	5.603G	55	5.641G	56	5.602G
57	5.464G	58	5.636G	59	5.506G	60	5.395G
61	5.424G	62	5.269G	63	5.290G	64	5.442G
65	5.662G	66	5.675G	67	5.673G	68	5.487G
69	5.255G	70	5.309G	71	5.668G	72	5.550G
73	5.294G	74	5.298G	75	5.678G	76	5.402G
77	5.719G	78	5.312G	79	5.343G	80	5.393G
81	5.400G	82	5.463G	83	5.348G	84	5.526G
85	5.570G	86	5.346G	87	5.682G	88	5.398G
89	5.591G	90	5.306G	91	5.607G	92	5.447G
93	5.529G	94	5.701G	95	5.420G	96	5.590G
97	5.655G	98	5.384G	99	5.567G	100	5.381G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.662G	2	5.277G	3	5.699G	4	5.480G
5	5.312G	6	5.595G	7	5.557G	8	5.486G
9	5.579G	10	5.327G	11	5.502G	12	5.720G
13	5.286G	14	5.408G	15	5.376G	16	5.493G
17	5.339G	18	5.494G	19	5.521G	20	5.543G
21	5.508G	22	5.305G	23	5.370G	24	5.266G
25	5.492G	26	5.357G	27	5.694G	28	5.564G
29	5.473G	30	5.612G	31	5.308G	32	5.406G
33	5.601G	34	5.511G	35	5.472G	36	5.379G
37	5.323G	38	5.447G	39	5.578G	40	5.591G
41	5.431G	42	5.434G	43	5.317G	44	5.697G
45	5.306G	46	5.361G	47	5.712G	48	5.682G
49	5.425G	50	5.307G	51	5.679G	52	5.467G
53	5.358G	54	5.275G	55	5.587G	56	5.656G
57	5.268G	58	5.566G	59	5.258G	60	5.474G
61	5.518G	62	5.403G	63	5.607G	64	5.698G
65	5.262G	66	5.484G	67	5.618G	68	5.332G
69	5.708G	70	5.571G	71	5.664G	72	5.692G
73	5.288G	74	5.524G	75	5.628G	76	5.598G
77	5.498G	78	5.466G	79	5.435G	80	5.475G
81	5.658G	82	5.577G	83	5.259G	84	5.688G
85	5.624G	86	5.644G	87	5.654G	88	5.420G
89	5.265G	90	5.263G	91	5.672G	92	5.271G
93	5.270G	94	5.671G	95	5.512G	96	5.444G
97	5.645G	98	5.673G	99	5.272G	100	5.716G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.623G	2	5.497G	3	5.571G	4	5.511G
5	5.703G	6	5.573G	7	5.517G	8	5.450G
9	5.477G	10	5.498G	11	5.649G	12	5.256G
13	5.354G	14	5.468G	15	5.596G	16	5.606G
17	5.624G	18	5.552G	19	5.543G	20	5.720G
21	5.422G	22	5.412G	23	5.616G	24	5.312G
25	5.614G	26	5.286G	27	5.260G	28	5.589G
29	5.600G	30	5.384G	31	5.711G	32	5.534G
33	5.502G	34	5.687G	35	5.651G	36	5.376G
37	5.332G	38	5.544G	39	5.374G	40	5.357G
41	5.510G	42	5.627G	43	5.674G	44	5.328G
45	5.317G	46	5.486G	47	5.494G	48	5.322G
49	5.456G	50	5.718G	51	5.489G	52	5.339G
53	5.453G	54	5.347G	55	5.672G	56	5.346G
57	5.264G	58	5.588G	59	5.479G	60	5.258G
61	5.305G	62	5.349G	63	5.714G	64	5.508G
65	5.262G	66	5.301G	67	5.696G	68	5.559G
69	5.646G	70	5.593G	71	5.410G	72	5.318G
73	5.499G	74	5.345G	75	5.465G	76	5.488G
77	5.569G	78	5.514G	79	5.512G	80	5.372G
81	5.261G	82	5.275G	83	5.643G	84	5.580G
85	5.701G	86	5.565G	87	5.691G	88	5.255G
89	5.650G	90	5.273G	91	5.591G	92	5.658G
93	5.492G	94	5.444G	95	5.567G	96	5.451G
97	5.457G	98	5.362G	99	5.642G	100	5.469G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.452G	2	5.338G	3	5.538G	4	5.342G
5	5.466G	6	5.555G	7	5.664G	8	5.649G
9	5.365G	10	5.433G	11	5.358G	12	5.711G
13	5.687G	14	5.348G	15	5.470G	16	5.266G
17	5.533G	18	5.677G	19	5.289G	20	5.640G
21	5.534G	22	5.402G	23	5.511G	24	5.531G
25	5.384G	26	5.648G	27	5.371G	28	5.615G
29	5.300G	30	5.513G	31	5.431G	32	5.636G
33	5.481G	34	5.596G	35	5.552G	36	5.347G
37	5.625G	38	5.578G	39	5.314G	40	5.317G
41	5.572G	42	5.616G	43	5.429G	44	5.722G
45	5.554G	46	5.279G	47	5.682G	48	5.507G
49	5.580G	50	5.699G	51	5.295G	52	5.573G
53	5.568G	54	5.520G	55	5.259G	56	5.526G
57	5.385G	58	5.367G	59	5.446G	60	5.375G
61	5.669G	62	5.341G	63	5.272G	64	5.650G
65	5.456G	66	5.527G	67	5.506G	68	5.326G
69	5.393G	70	5.298G	71	5.590G	72	5.389G
73	5.437G	74	5.667G	75	5.424G	76	5.556G
77	5.595G	78	5.363G	79	5.430G	80	5.353G
81	5.399G	82	5.517G	83	5.324G	84	5.693G
85	5.306G	86	5.278G	87	5.607G	88	5.460G
89	5.325G	90	5.419G	91	5.397G	92	5.428G
93	5.543G	94	5.713G	95	5.516G	96	5.719G
97	5.518G	98	5.723G	99	5.404G	100	5.268G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.579G	2	5.625G	3	5.401G	4	5.393G
5	5.278G	6	5.259G	7	5.487G	8	5.492G
9	5.486G	10	5.430G	11	5.292G	12	5.705G
13	5.381G	14	5.639G	15	5.297G	16	5.325G
17	5.459G	18	5.551G	19	5.650G	20	5.500G
21	5.298G	22	5.331G	23	5.260G	24	5.320G
25	5.412G	26	5.317G	27	5.719G	28	5.606G
29	5.400G	30	5.668G	31	5.506G	32	5.592G
33	5.255G	34	5.302G	35	5.478G	36	5.634G
37	5.581G	38	5.423G	39	5.706G	40	5.289G
41	5.274G	42	5.334G	43	5.577G	44	5.397G
45	5.536G	46	5.552G	47	5.403G	48	5.375G
49	5.291G	50	5.570G	51	5.517G	52	5.677G
53	5.455G	54	5.512G	55	5.282G	56	5.507G
57	5.319G	58	5.542G	59	5.514G	60	5.662G
61	5.576G	62	5.596G	63	5.526G	64	5.344G
65	5.532G	66	5.396G	67	5.635G	68	5.708G
69	5.380G	70	5.679G	71	5.695G	72	5.462G
73	5.363G	74	5.591G	75	5.671G	76	5.448G
77	5.378G	78	5.454G	79	5.366G	80	5.609G
81	5.377G	82	5.529G	83	5.493G	84	5.299G
85	5.277G	86	5.270G	87	5.584G	88	5.480G
89	5.516G	90	5.699G	91	5.351G	92	5.395G
93	5.489G	94	5.330G	95	5.262G	96	5.590G
97	5.433G	98	5.580G	99	5.288G	100	5.664G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.712G	2	5.374G	3	5.643G	4	5.300G
5	5.659G	6	5.335G	7	5.514G	8	5.600G
9	5.313G	10	5.717G	11	5.256G	12	5.257G
13	5.355G	14	5.386G	15	5.622G	16	5.540G
17	5.503G	18	5.641G	19	5.365G	20	5.279G
21	5.462G	22	5.294G	23	5.555G	24	5.275G
25	5.272G	26	5.367G	27	5.672G	28	5.542G
29	5.270G	30	5.486G	31	5.487G	32	5.591G
33	5.692G	34	5.381G	35	5.581G	36	5.607G
37	5.631G	38	5.558G	39	5.490G	40	5.459G
41	5.391G	42	5.445G	43	5.394G	44	5.660G
45	5.388G	46	5.549G	47	5.289G	48	5.283G
49	5.690G	50	5.723G	51	5.681G	52	5.530G
53	5.426G	54	5.401G	55	5.640G	56	5.461G
57	5.596G	58	5.724G	59	5.398G	60	5.359G
61	5.536G	62	5.264G	63	5.671G	64	5.632G
65	5.308G	66	5.328G	67	5.361G	68	5.410G
69	5.320G	70	5.644G	71	5.606G	72	5.267G
73	5.628G	74	5.460G	75	5.415G	76	5.638G
77	5.654G	78	5.686G	79	5.677G	80	5.494G
81	5.351G	82	5.452G	83	5.611G	84	5.342G
85	5.637G	86	5.564G	87	5.395G	88	5.623G
89	5.444G	90	5.547G	91	5.368G	92	5.511G
93	5.271G	94	5.499G	95	5.524G	96	5.625G
97	5.523G	98	5.705G	99	5.567G	100	5.376G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.259G	2	5.586G	3	5.351G	4	5.452G
5	5.695G	6	5.643G	7	5.265G	8	5.444G
9	5.353G	10	5.497G	11	5.596G	12	5.566G
13	5.372G	14	5.567G	15	5.412G	16	5.279G
17	5.267G	18	5.628G	19	5.534G	20	5.652G
21	5.602G	22	5.560G	23	5.296G	24	5.673G
25	5.503G	26	5.272G	27	5.324G	28	5.252G
29	5.572G	30	5.342G	31	5.612G	32	5.606G
33	5.703G	34	5.633G	35	5.323G	36	5.429G
37	5.329G	38	5.697G	39	5.517G	40	5.619G
41	5.629G	42	5.594G	43	5.642G	44	5.330G
45	5.511G	46	5.639G	47	5.321G	48	5.584G
49	5.655G	50	5.562G	51	5.257G	52	5.367G
53	5.254G	54	5.332G	55	5.424G	56	5.269G
57	5.401G	58	5.710G	59	5.393G	60	5.665G
61	5.568G	62	5.387G	63	5.674G	64	5.709G
65	5.376G	66	5.285G	67	5.319G	68	5.550G
69	5.476G	70	5.461G	71	5.404G	72	5.465G
73	5.661G	74	5.546G	75	5.646G	76	5.446G
77	5.712G	78	5.327G	79	5.467G	80	5.702G
81	5.492G	82	5.527G	83	5.338G	84	5.666G
85	5.523G	86	5.528G	87	5.333G	88	5.352G
89	5.344G	90	5.696G	91	5.556G	92	5.298G
93	5.271G	94	5.286G	95	5.472G	96	5.529G
97	5.698G	98	5.389G	99	5.524G	100	5.413G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.372G	2	5.250G	3	5.556G	4	5.570G
5	5.482G	6	5.425G	7	5.622G	8	5.506G
9	5.601G	10	5.308G	11	5.505G	12	5.344G
13	5.717G	14	5.331G	15	5.667G	16	5.590G
17	5.410G	18	5.378G	19	5.363G	20	5.280G
21	5.337G	22	5.584G	23	5.519G	24	5.611G
25	5.495G	26	5.677G	27	5.713G	28	5.407G
29	5.460G	30	5.567G	31	5.290G	32	5.647G
33	5.440G	34	5.255G	35	5.538G	36	5.693G
37	5.365G	38	5.329G	39	5.685G	40	5.464G
41	5.448G	42	5.603G	43	5.604G	44	5.517G
45	5.278G	46	5.557G	47	5.286G	48	5.650G
49	5.635G	50	5.347G	51	5.389G	52	5.578G
53	5.620G	54	5.295G	55	5.466G	56	5.390G
57	5.489G	58	5.718G	59	5.613G	60	5.447G
61	5.598G	62	5.664G	63	5.657G	64	5.541G
65	5.300G	66	5.404G	67	5.470G	68	5.271G
69	5.674G	70	5.385G	71	5.259G	72	5.566G
73	5.551G	74	5.573G	75	5.354G	76	5.628G
77	5.261G	78	5.342G	79	5.330G	80	5.380G
81	5.322G	82	5.358G	83	5.496G	84	5.687G
85	5.400G	86	5.321G	87	5.254G	88	5.306G
89	5.595G	90	5.383G	91	5.636G	92	5.516G
93	5.369G	94	5.299G	95	5.518G	96	5.438G
97	5.412G	98	5.581G	99	5.507G	100	5.444G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.608G	2	5.318G	3	5.601G	4	5.644G
5	5.411G	6	5.697G	7	5.700G	8	5.469G
9	5.477G	10	5.331G	11	5.383G	12	5.351G
13	5.702G	14	5.394G	15	5.707G	16	5.506G
17	5.648G	18	5.393G	19	5.422G	20	5.681G
21	5.718G	22	5.466G	23	5.448G	24	5.471G
25	5.659G	26	5.252G	27	5.543G	28	5.347G
29	5.684G	30	5.319G	31	5.457G	32	5.379G
33	5.339G	34	5.501G	35	5.646G	36	5.582G
37	5.460G	38	5.677G	39	5.389G	40	5.420G
41	5.401G	42	5.540G	43	5.594G	44	5.709G
45	5.462G	46	5.481G	47	5.403G	48	5.603G
49	5.453G	50	5.289G	51	5.557G	52	5.533G
53	5.439G	54	5.271G	55	5.261G	56	5.307G
57	5.295G	58	5.361G	59	5.324G	60	5.641G
61	5.282G	62	5.340G	63	5.381G	64	5.629G
65	5.661G	66	5.585G	67	5.447G	68	5.262G
69	5.687G	70	5.327G	71	5.468G	72	5.277G
73	5.581G	74	5.566G	75	5.290G	76	5.517G
77	5.293G	78	5.701G	79	5.635G	80	5.584G
81	5.400G	82	5.399G	83	5.518G	84	5.662G
85	5.508G	86	5.544G	87	5.385G	88	5.589G
89	5.605G	90	5.493G	91	5.571G	92	5.690G
93	5.374G	94	5.672G	95	5.623G	96	5.708G
97	5.387G	98	5.663G	99	5.696G	100	5.650G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.554G	2	5.578G	3	5.573G	4	5.400G
5	5.638G	6	5.531G	7	5.543G	8	5.621G
9	5.441G	10	5.598G	11	5.328G	12	5.380G
13	5.436G	14	5.275G	15	5.697G	16	5.457G
17	5.678G	18	5.264G	19	5.287G	20	5.491G
21	5.641G	22	5.256G	23	5.407G	24	5.713G
25	5.352G	26	5.586G	27	5.624G	28	5.307G
29	5.682G	30	5.260G	31	5.497G	32	5.606G
33	5.456G	34	5.669G	35	5.699G	36	5.577G
37	5.610G	38	5.529G	39	5.627G	40	5.563G
41	5.423G	42	5.480G	43	5.350G	44	5.262G
45	5.612G	46	5.720G	47	5.363G	48	5.362G
49	5.394G	50	5.366G	51	5.603G	52	5.703G
53	5.596G	54	5.367G	55	5.724G	56	5.657G
57	5.674G	58	5.290G	59	5.698G	60	5.430G
61	5.637G	62	5.344G	63	5.277G	64	5.300G
65	5.694G	66	5.316G	67	5.349G	68	5.364G
69	5.623G	70	5.281G	71	5.425G	72	5.355G
73	5.327G	74	5.645G	75	5.409G	76	5.251G
77	5.599G	78	5.326G	79	5.527G	80	5.683G
81	5.415G	82	5.593G	83	5.635G	84	5.676G
85	5.294G	86	5.343G	87	5.358G	88	5.398G
89	5.419G	90	5.693G	91	5.469G	92	5.507G
93	5.677G	94	5.466G	95	5.526G	96	5.309G
97	5.534G	98	5.552G	99	5.636G	100	5.318G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.327G	2	5.499G	3	5.566G	4	5.556G
5	5.491G	6	5.441G	7	5.278G	8	5.633G
9	5.719G	10	5.603G	11	5.423G	12	5.669G
13	5.323G	14	5.722G	15	5.526G	16	5.337G
17	5.338G	18	5.553G	19	5.302G	20	5.400G
21	5.262G	22	5.688G	23	5.490G	24	5.445G
25	5.641G	26	5.706G	27	5.663G	28	5.415G
29	5.482G	30	5.712G	31	5.575G	32	5.458G
33	5.296G	34	5.256G	35	5.707G	36	5.380G
37	5.265G	38	5.493G	39	5.419G	40	5.536G
41	5.585G	42	5.717G	43	5.509G	44	5.349G
45	5.666G	46	5.611G	47	5.401G	48	5.484G
49	5.407G	50	5.547G	51	5.361G	52	5.276G
53	5.399G	54	5.271G	55	5.627G	56	5.512G
57	5.478G	58	5.516G	59	5.492G	60	5.398G
61	5.625G	62	5.598G	63	5.507G	64	5.461G
65	5.715G	66	5.538G	67	5.432G	68	5.373G
69	5.319G	70	5.534G	71	5.577G	72	5.378G
73	5.587G	74	5.287G	75	5.409G	76	5.367G
77	5.515G	78	5.414G	79	5.614G	80	5.573G
81	5.673G	82	5.517G	83	5.425G	84	5.449G
85	5.644G	86	5.307G	87	5.610G	88	5.685G
89	5.446G	90	5.317G	91	5.288G	92	5.564G
93	5.253G	94	5.260G	95	5.364G	96	5.523G
97	5.496G	98	5.435G	99	5.295G	100	5.250G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.269G	2	5.608G	3	5.362G	4	5.590G
5	5.606G	6	5.390G	7	5.584G	8	5.342G
9	5.274G	10	5.385G	11	5.604G	12	5.325G
13	5.602G	14	5.520G	15	5.651G	16	5.493G
17	5.304G	18	5.314G	19	5.403G	20	5.503G
21	5.321G	22	5.283G	23	5.699G	24	5.327G
25	5.426G	26	5.660G	27	5.690G	28	5.652G
29	5.709G	30	5.712G	31	5.710G	32	5.253G
33	5.302G	34	5.683G	35	5.722G	36	5.357G
37	5.634G	38	5.545G	39	5.277G	40	5.300G
41	5.630G	42	5.261G	43	5.401G	44	5.307G
45	5.465G	46	5.597G	47	5.266G	48	5.685G
49	5.298G	50	5.572G	51	5.472G	52	5.312G
53	5.391G	54	5.473G	55	5.436G	56	5.257G
57	5.506G	58	5.526G	59	5.576G	60	5.662G
61	5.324G	62	5.598G	63	5.601G	64	5.586G
65	5.328G	66	5.543G	67	5.373G	68	5.530G
69	5.578G	70	5.354G	71	5.713G	72	5.569G
73	5.541G	74	5.568G	75	5.707G	76	5.294G
77	5.613G	78	5.693G	79	5.524G	80	5.720G
81	5.589G	82	5.361G	83	5.516G	84	5.455G
85	5.566G	86	5.511G	87	5.670G	88	5.339G
89	5.488G	90	5.415G	91	5.628G	92	5.534G
93	5.615G	94	5.404G	95	5.398G	96	5.487G
97	5.318G	98	5.619G	99	5.309G	100	5.552G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.617G	2	5.545G	3	5.709G	4	5.589G
5	5.677G	6	5.501G	7	5.678G	8	5.600G
9	5.651G	10	5.657G	11	5.445G	12	5.411G
13	5.375G	14	5.372G	15	5.577G	16	5.525G
17	5.646G	18	5.514G	19	5.578G	20	5.581G
21	5.273G	22	5.585G	23	5.543G	24	5.559G
25	5.258G	26	5.720G	27	5.568G	28	5.671G
29	5.430G	30	5.264G	31	5.704G	32	5.634G
33	5.454G	34	5.594G	35	5.447G	36	5.331G
37	5.336G	38	5.670G	39	5.721G	40	5.281G
41	5.694G	42	5.359G	43	5.601G	44	5.714G
45	5.364G	46	5.332G	47	5.518G	48	5.436G
49	5.647G	50	5.717G	51	5.603G	52	5.702G
53	5.388G	54	5.636G	55	5.349G	56	5.609G
57	5.456G	58	5.510G	59	5.593G	60	5.252G
61	5.697G	62	5.522G	63	5.290G	64	5.344G
65	5.321G	66	5.473G	67	5.293G	68	5.654G
69	5.719G	70	5.608G	71	5.554G	72	5.605G
73	5.439G	74	5.415G	75	5.442G	76	5.718G
77	5.587G	78	5.607G	79	5.637G	80	5.599G
81	5.659G	82	5.482G	83	5.392G	84	5.481G
85	5.270G	86	5.650G	87	5.299G	88	5.528G
89	5.361G	90	5.556G	91	5.716G	92	5.693G
93	5.627G	94	5.505G	95	5.327G	96	5.628G
97	5.669G	98	5.417G	99	5.316G	100	5.369G