

DFS TEST REPORT

REPORT NO.: RF110831C15B-2

MODEL NO.: APL25-091

FCC ID: QWU-091

IC ID: 4408A-091

RECEIVED: Feb. 10, 2012

TESTED: Jun. 06, 2012

ISSUED: Jun. 08, 2012

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ISSUED BY: Bureau Veritas Consumer Products Services
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Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF110831C15B-2	Original release	Jun. 08, 2012

1. CERTIFICATION

PRODUCT: Wireless 802.11 abgn Device
MODEL: APL25-091
BRAND: SonicWALL
APPLICANT: SonicWALL, Inc.
TESTED: Jun. 06, 2012
TEST SAMPLE: ENGINEERING SAMPLE
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: APL25-091) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY :  , DATE : Jun. 08, 2012
Pettie Chen / Specialist

APPROVED BY :  , DATE : Jun. 08, 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	APL25-091	SonicOS Enhanced 5.8.1.6-DFS-d_80

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list

Ant NO.	Antenna	Type	Operation Frequency Range(MHz)	Max. Gain(dBi)
0	98151PRTX000	Dipole	5250~5725	2.5
0	98151PRTX000	Dipole	5250~5725	2.5
1	98151PRSX001	Dipole	5250~5725	3
1	98151PRSX001	Dipole	5250~5725	3
2	98151PRTX000	Dipole	5250~5725	2.5
2	98151PRTX000	Dipole	5250~5725	2.5

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	137.2	15.4	34.67
1	5470~5725	21.6	144.9	15.6	36.31

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	233.3	17.7	58.88
1	5470~5725	23.8	240.4	17.8	60.26

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	275.42	18.4	69.18
1	5470~5725	24.6	288.40	18.6	72.44

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	467.74	20.7	117.49
1	5470~5725	26.8	478.63	20.8	120.23

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	2013/03/04
Control PC	Pavilion a320d	HP	--

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

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

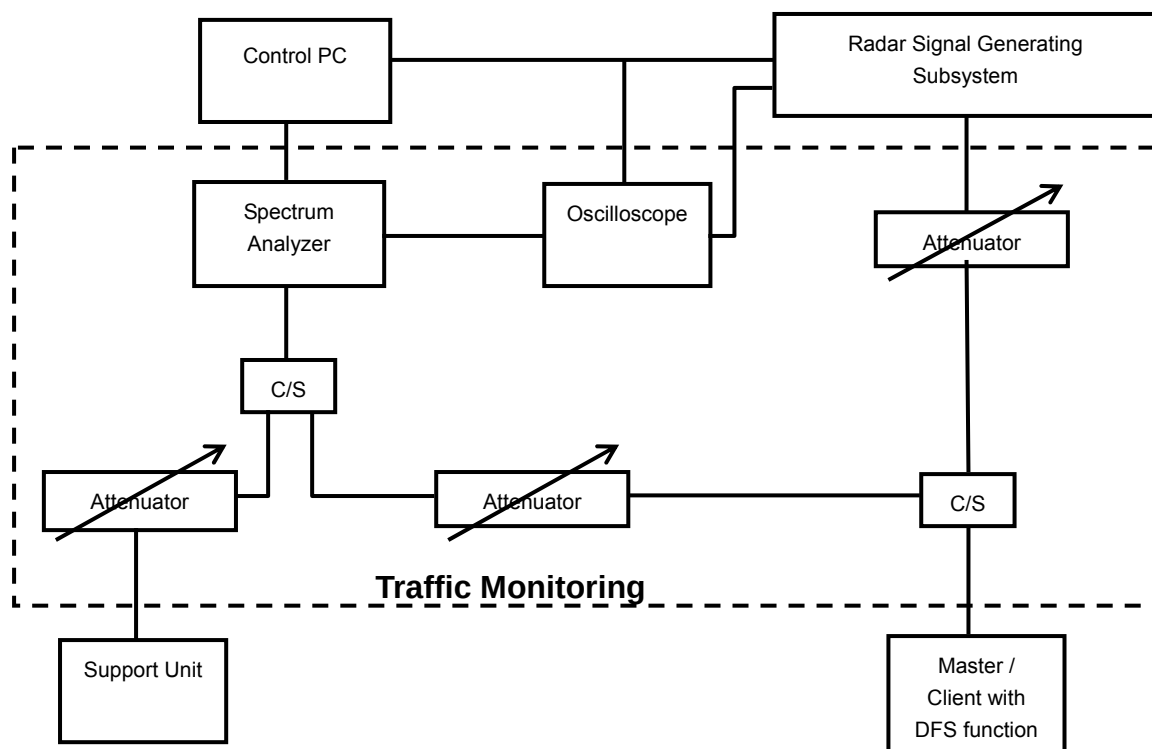
Note: This device was functioned as a ☐Master ☒Slave device during the DFS test.

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:

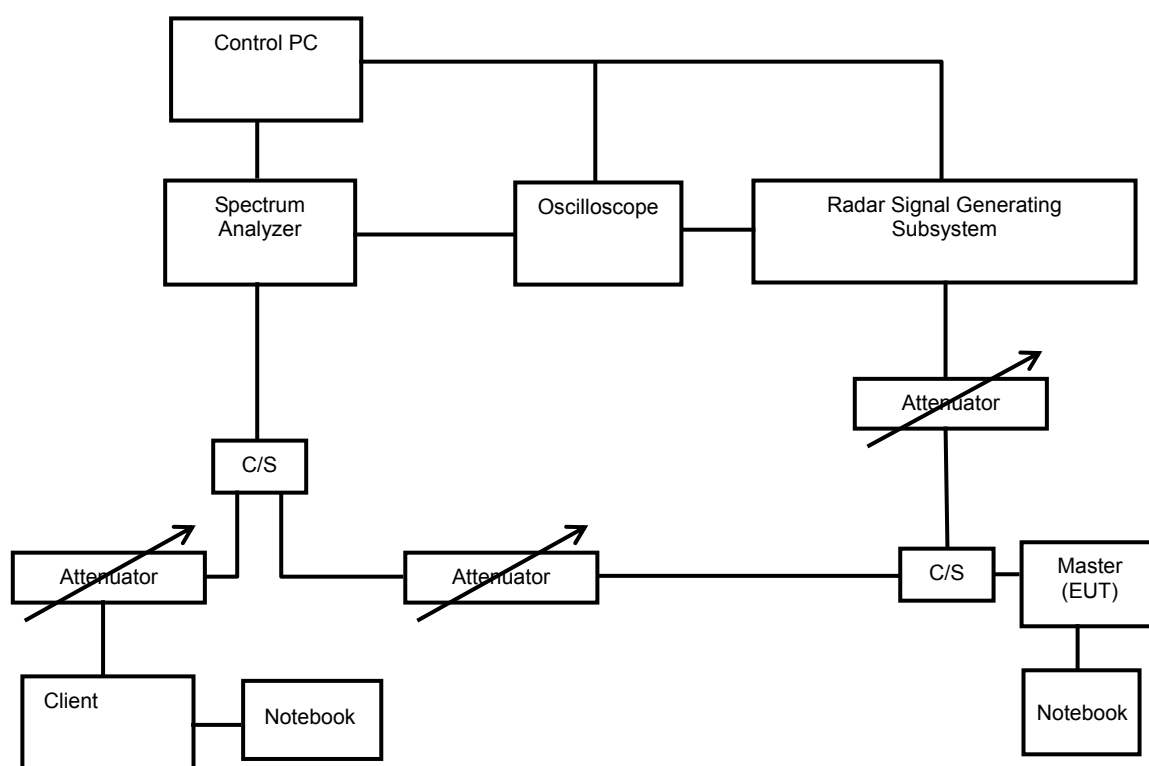
<http://ntiacsd.ntia.doc.gov/dfs/>.

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

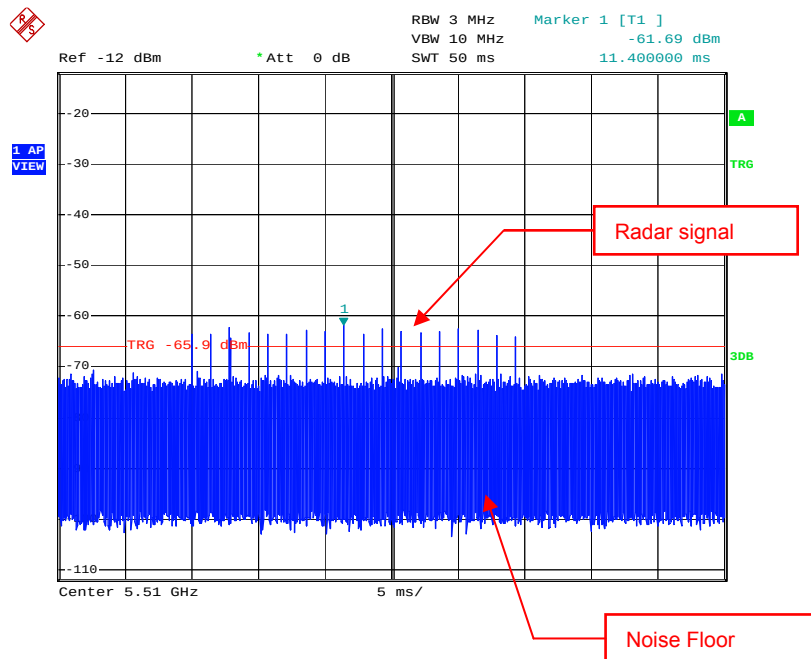
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

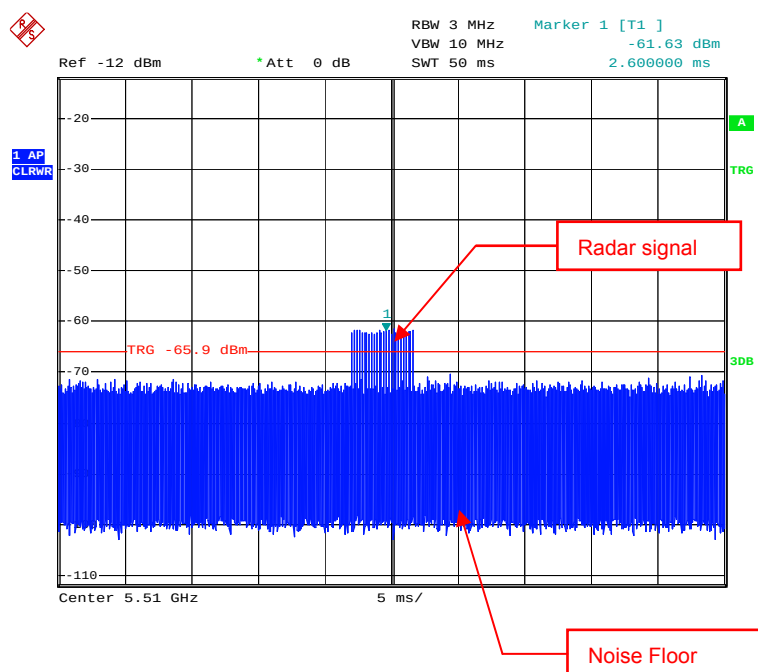
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

6.2.2 DFS DETECTION THRESHOLD

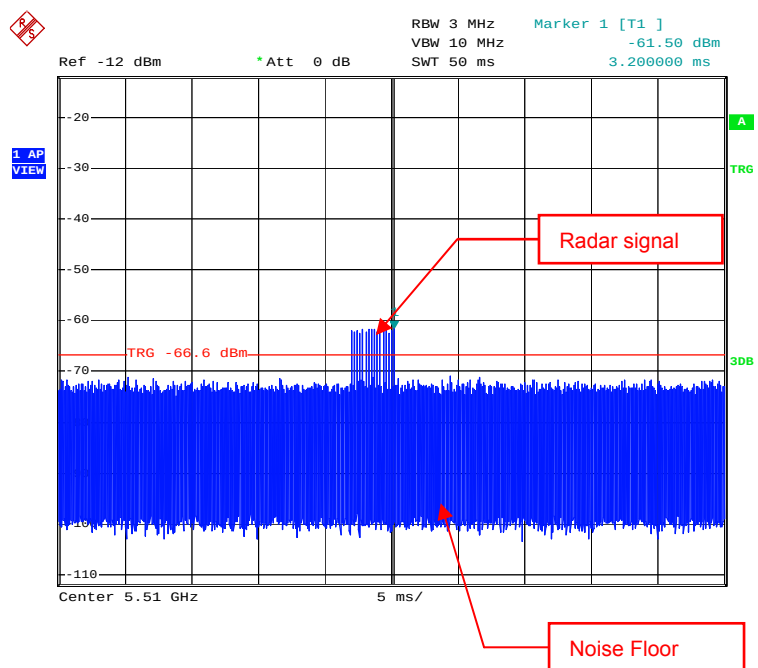
For a detection threshold level of -64dBm and the Master minimum antenna gain is 2.5 dBi , and required detection threshold is -61.5 dBm ($= -64 + 2.5$). The conducted radar burst level is set to -61.5 dBm .



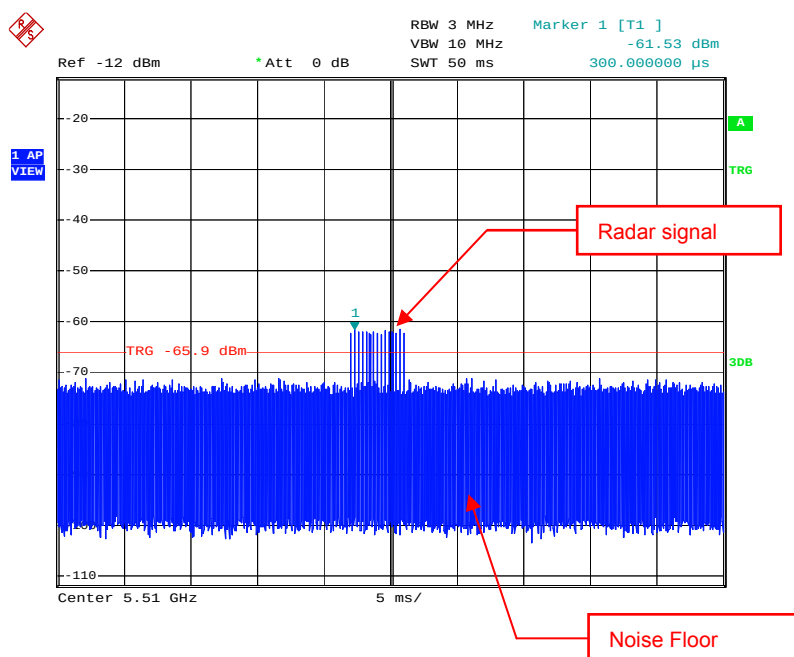
Radar Signal 1



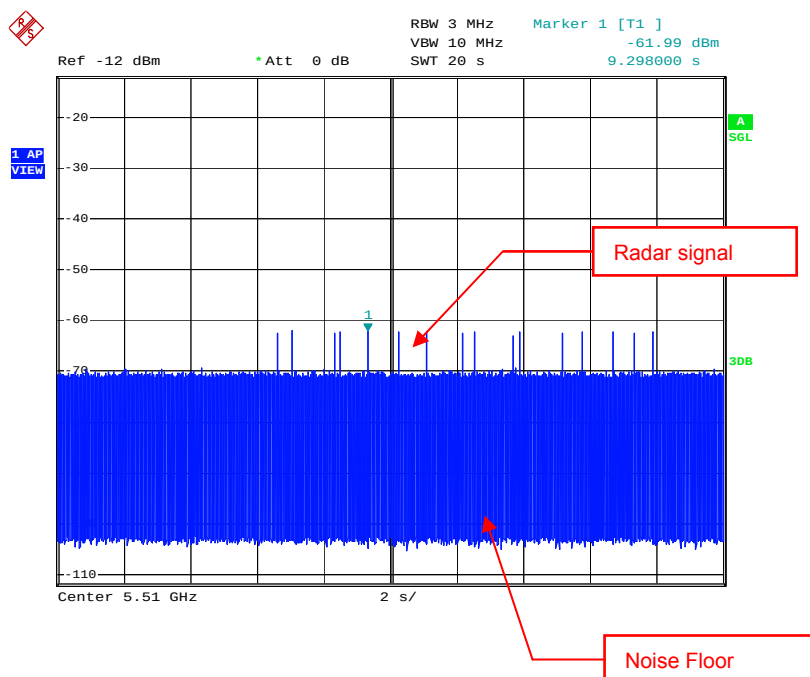
Radar Signal 2



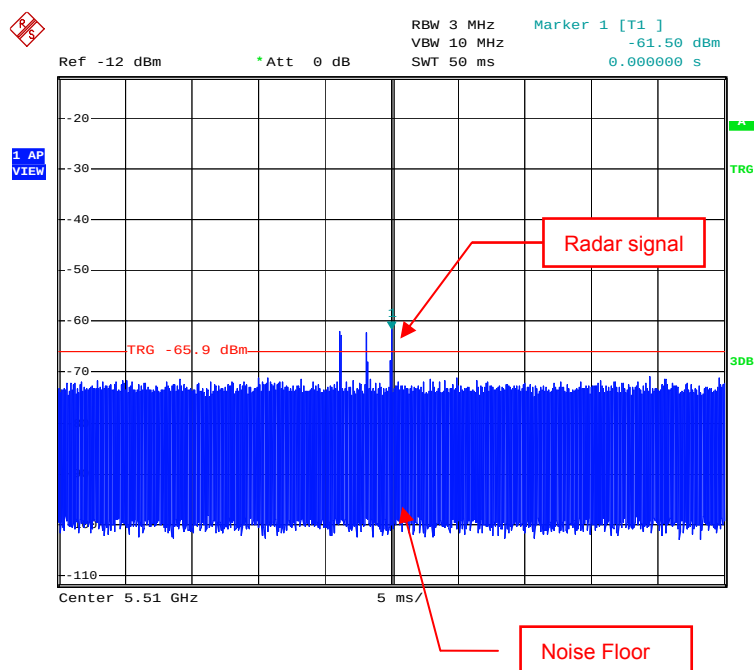
Radar Signal 3



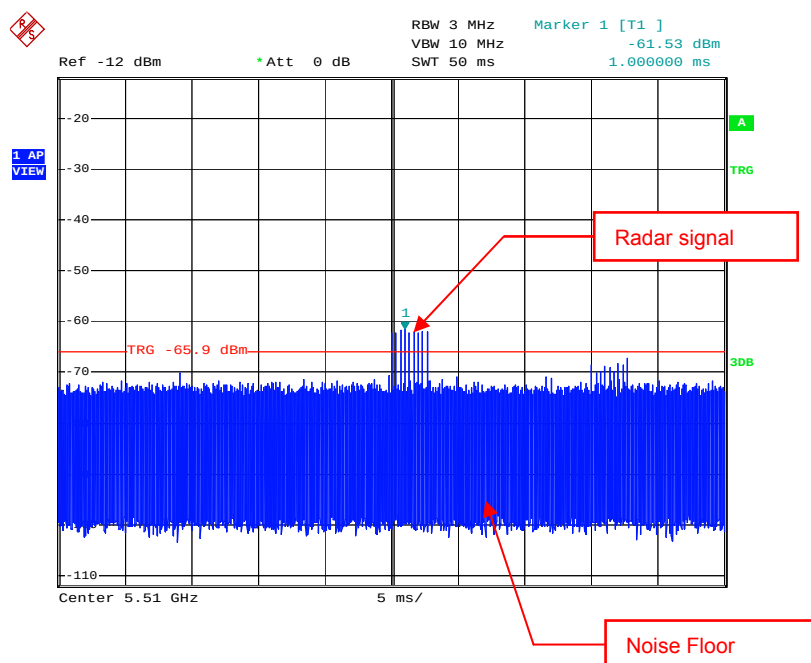
Radar Signal 4



Radar Signal 5



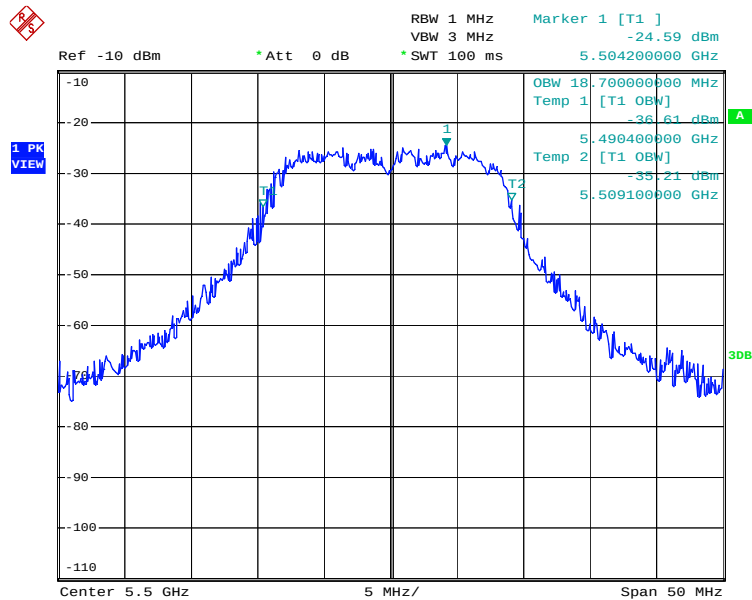
Single Burst of Radar Signal 5



Radar Signal 6

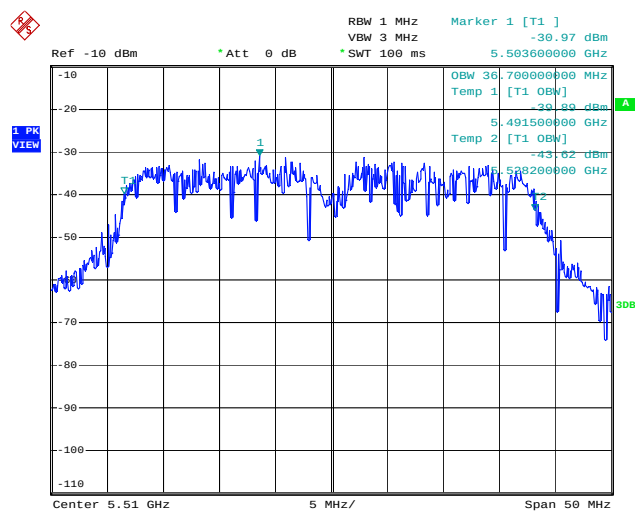
6.2.3 U-NII DETECTION BANDWIDTH

IEEE 802.11N 20MHz



U-NII 99% Channel bandwidth

IEEE 802.11N 40MHz



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11N 20MHz

EUT Frequency: 5500MHz

EUT 99% Power bandwidth: 18.7MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.96MHz

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(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11N 40MHz

EUT Frequency: 5510MHz

EUT 99% Power bandwidth: 36.7MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.36MHz

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

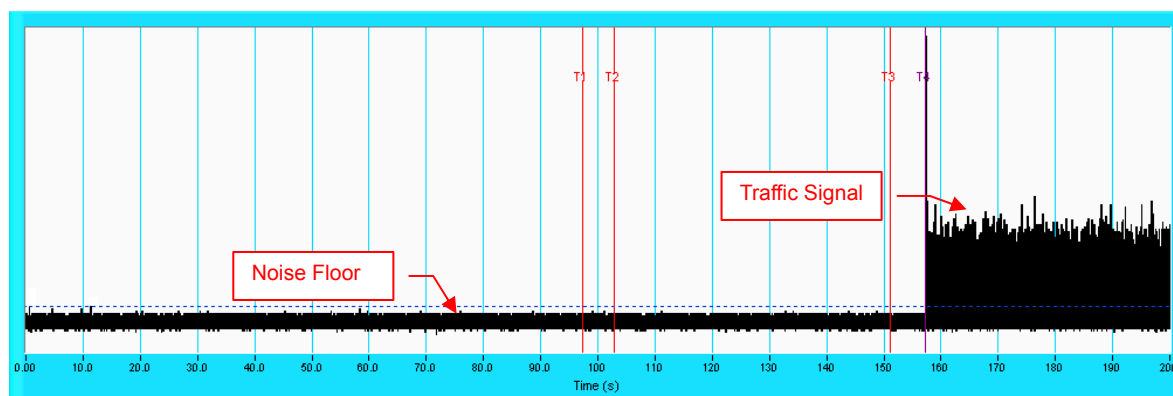
5529	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5531	N	N	N	N	N	N	N	N	N	N	0

6.2.4 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.

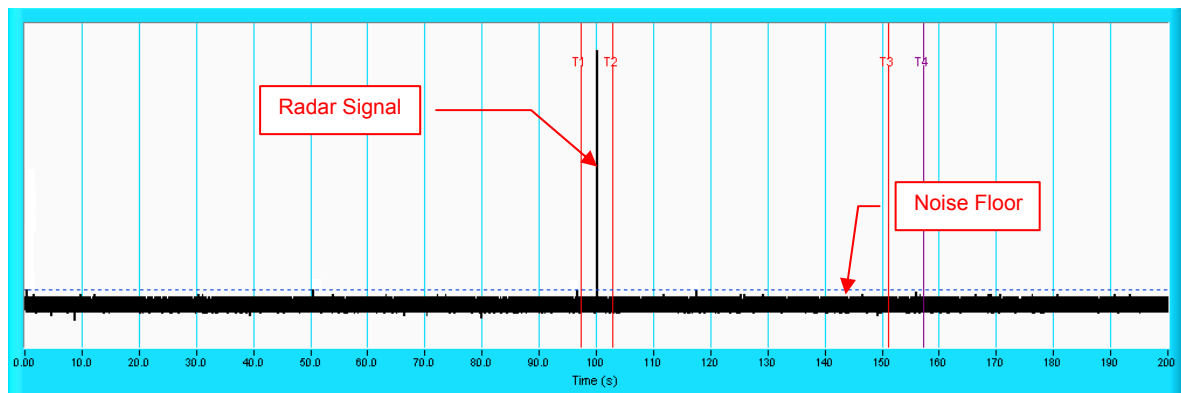
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



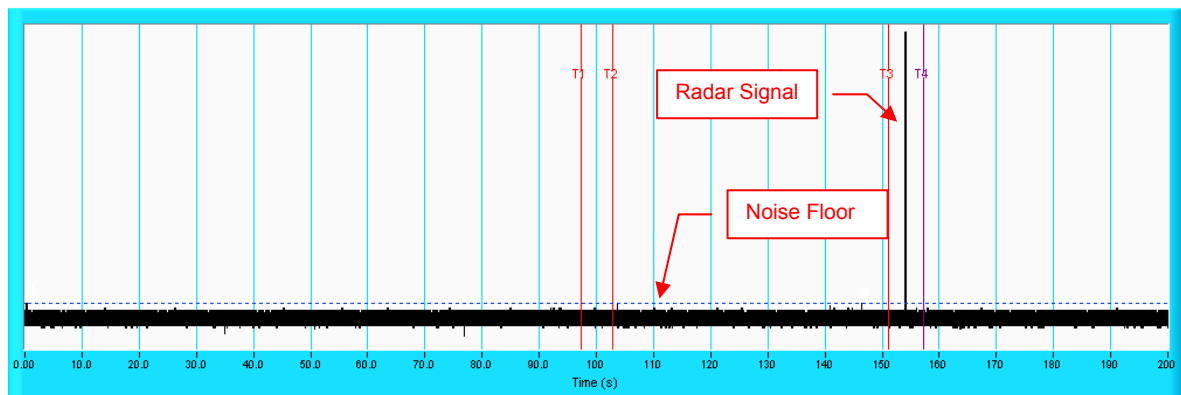
NOTE: T1 denotes the end of power-up time period is 97 second. T4 denotes the end of Channel Availability Check time is 157 second. Channel Availability Check time is equal to $(T4 - T1)$ 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 97 second. T2 denotes 103 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 157 second.

Radar Burst at the End of the Channel Availability Check Time

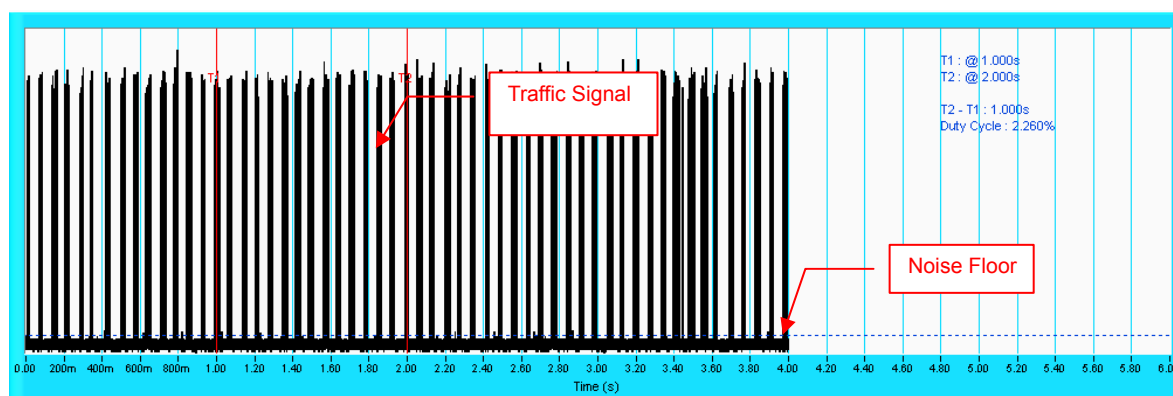


NOTE: T1 denotes the end of power up time period is 97 second. T3 denotes 151 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 157 second.

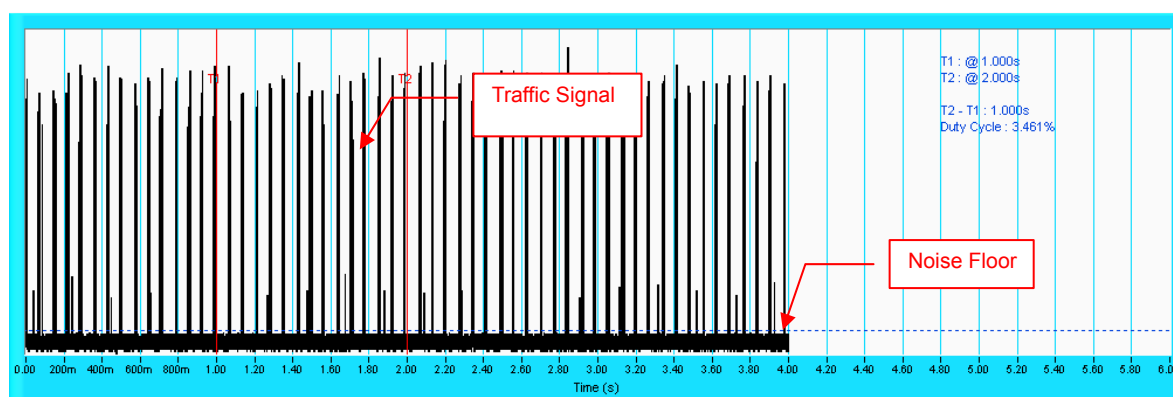
6.2.5 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

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	90
2	1-5	150-230	23-29	30	80
3	6-10	200-500	16-18	30	90
4	11-20	200-500	12-16	30	93.3
Aggregate (Radar Types 1-4)				120	88.33

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	96.7

Table 3: Frequency Hopping Radar Test Waveform

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

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

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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
2	1-5	150-230	23-29	30	86.2
3	6-10	200-500	16-18	30	90
4	11-20	200-500	12-16	30	90
Aggregate (Radar Types 1-4)				120	89.05

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

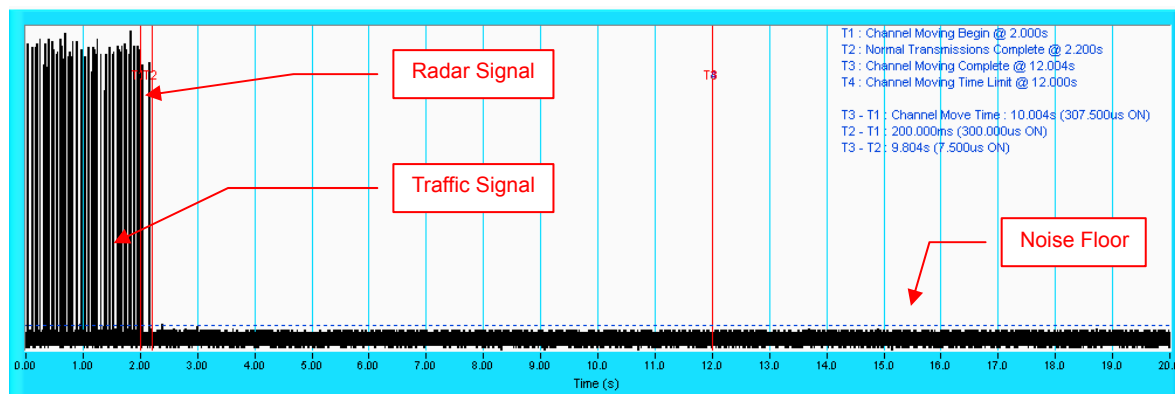
Table 3: Frequency Hopping Radar Test Waveform

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	90

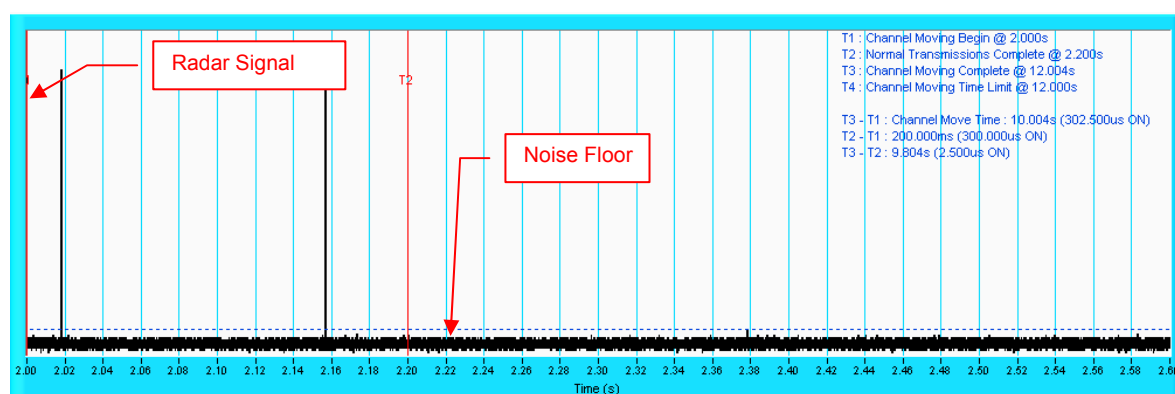
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 1

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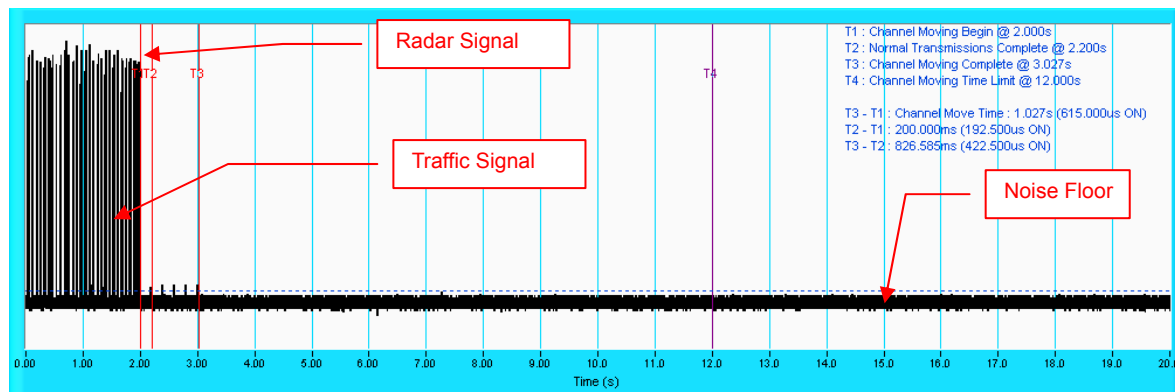
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



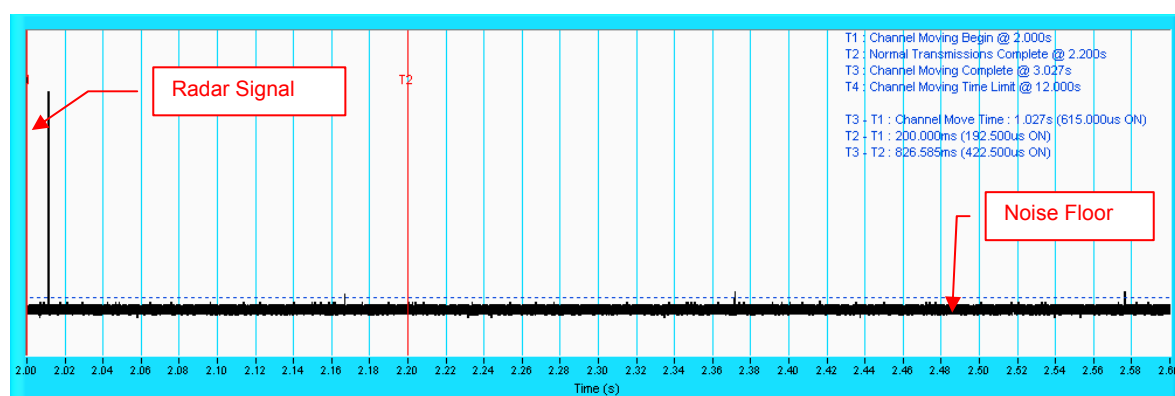
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 2

IEEE 802.11N 20MHz



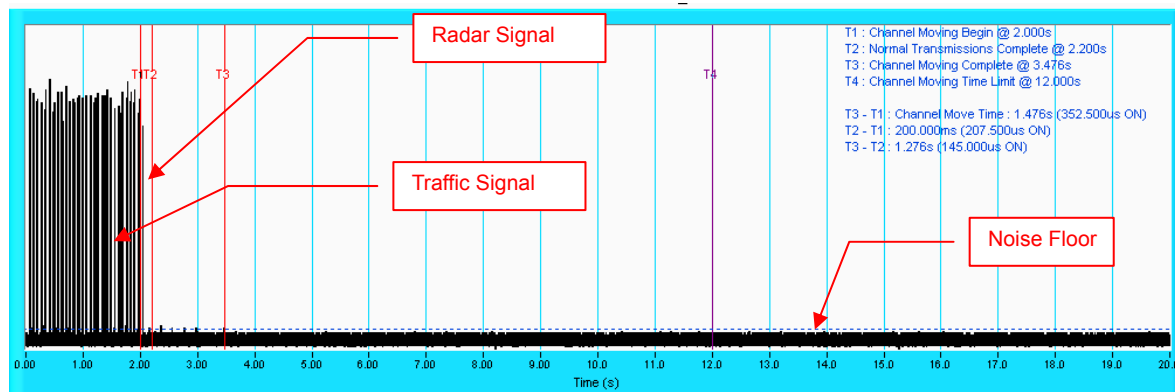
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



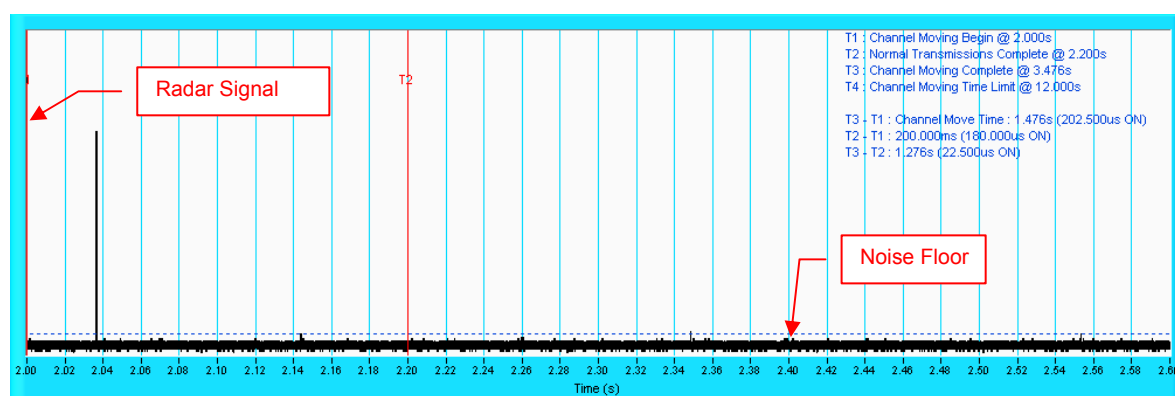
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 3

IEEE 802.11N 20MHz



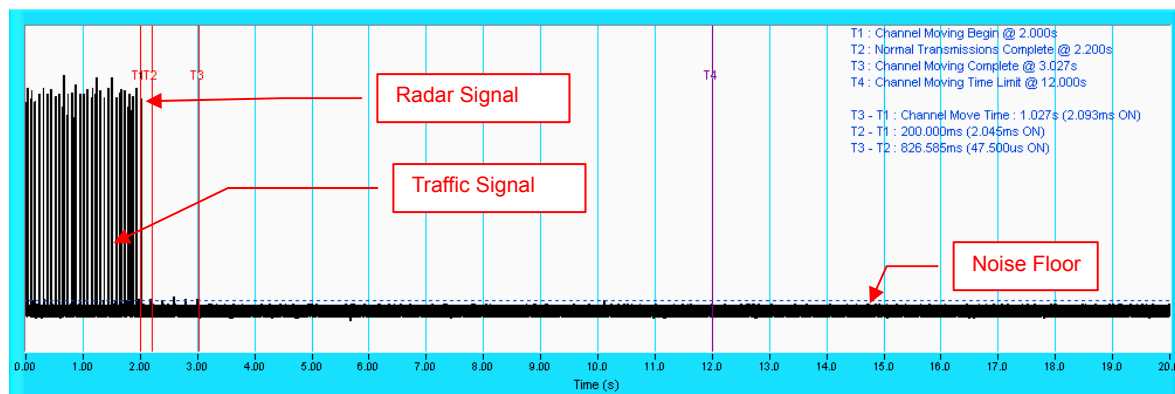
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



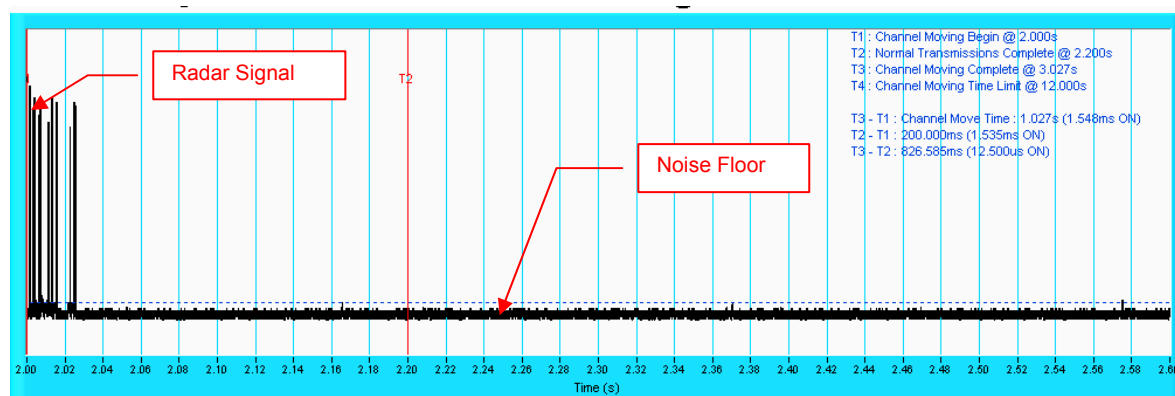
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 4

IEEE 802.11N 20MHz



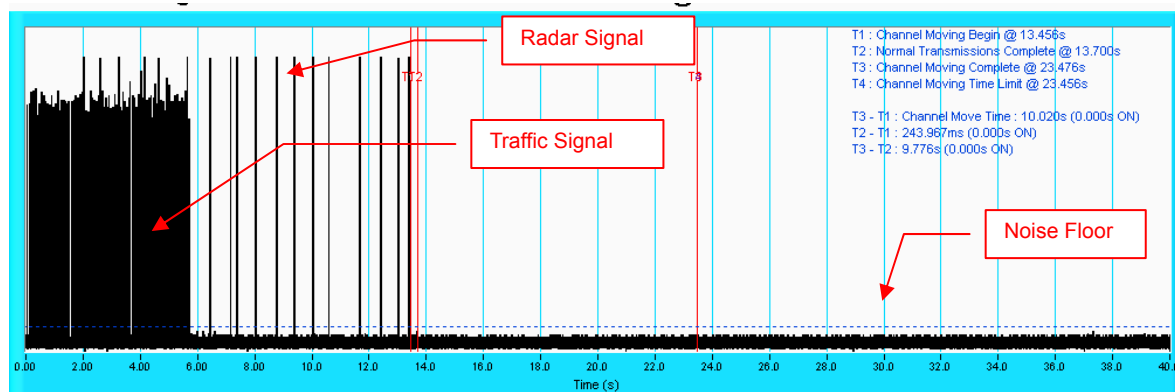
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



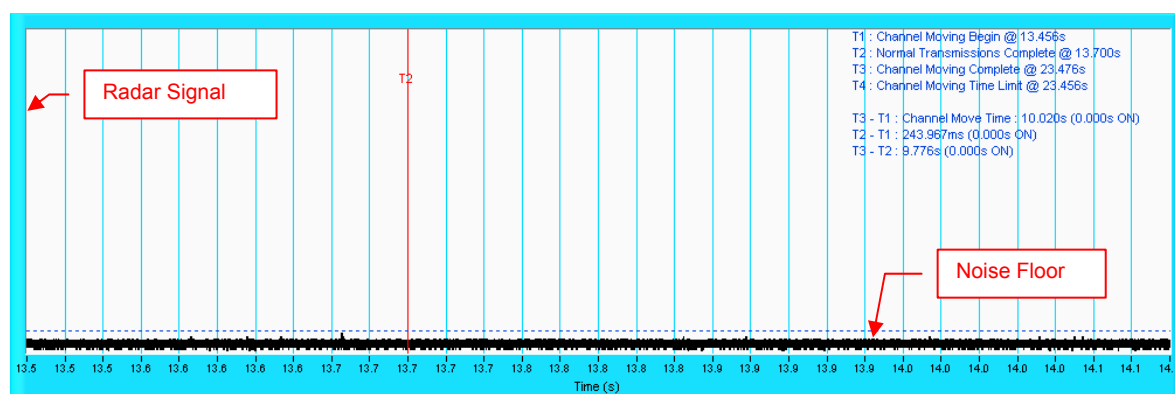
NOTE: Zoom-in of the first 600ms after radar signal applied.

Radar signal 5

IEEE 802.11N 20MHz



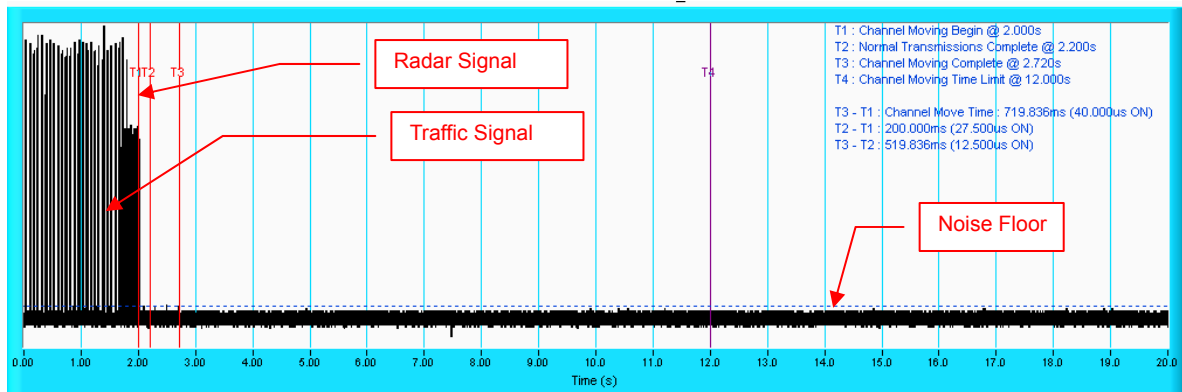
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



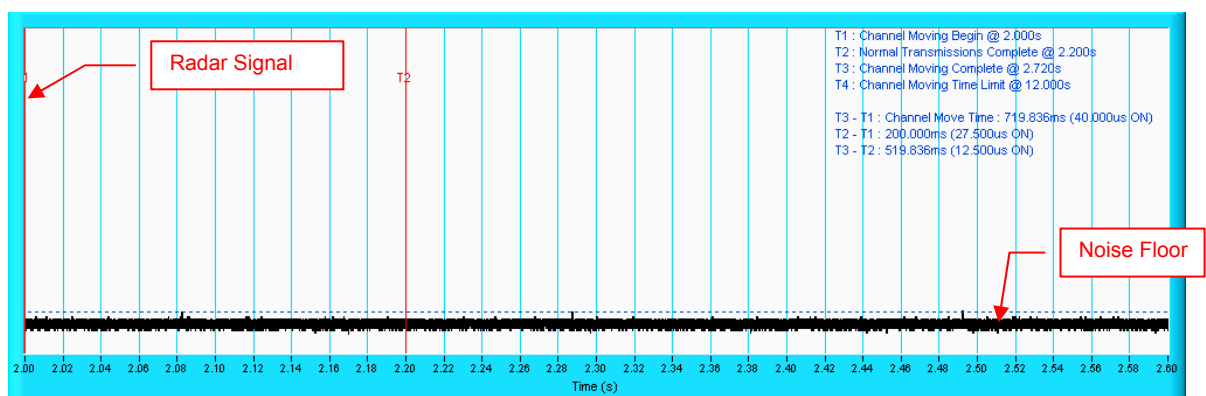
NOTE: Zoom-in of the first 600ms after radar signal applied.

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.

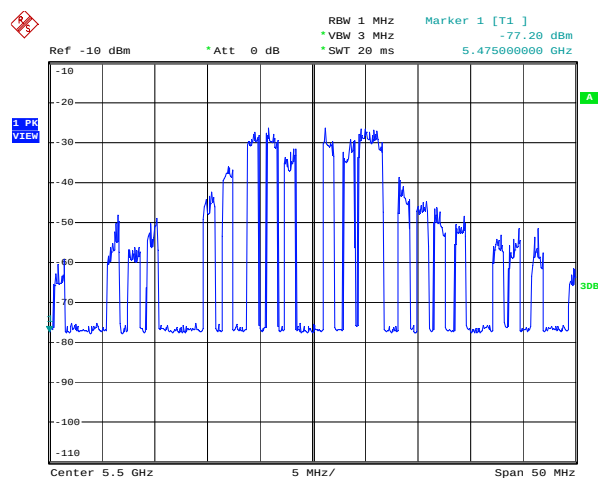
6.2.6 NON-OCCUPANCY PERIOD

Associate test:

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

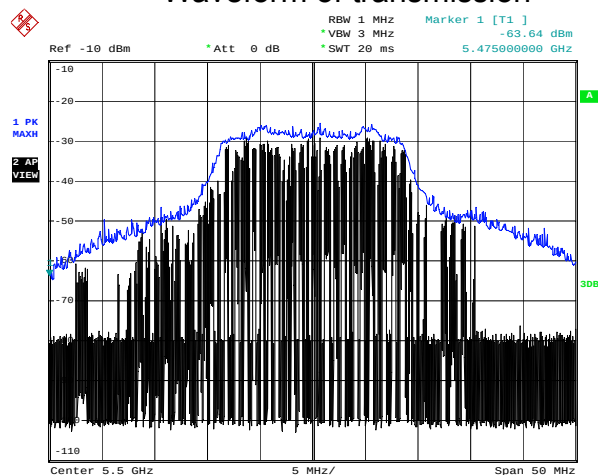
1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



2) Client plays specified files via master.

Waveform of transmission



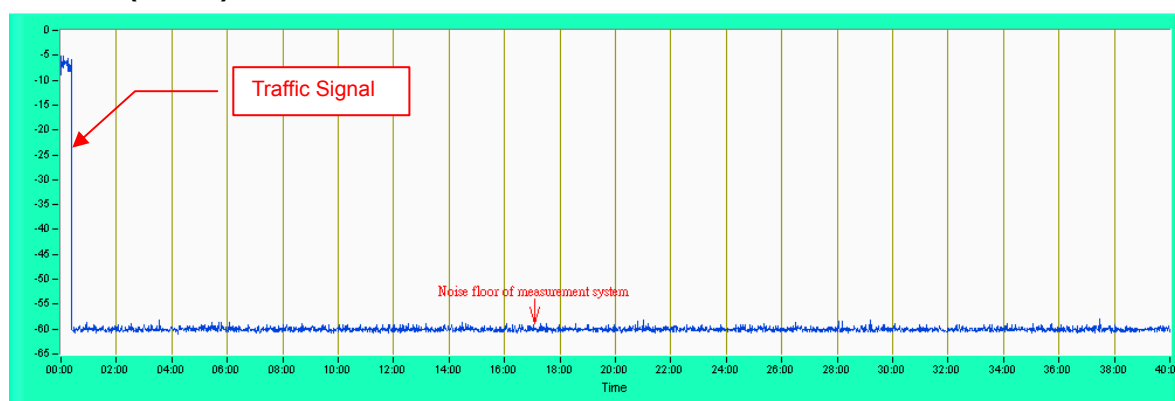
3) Radar signal 1~6 are applied to the Master device and WiFi traffic signal stop immediately.

Radar signal applied to the master and traffic stopped as described in section 6.2.5.

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

Plot of 30minutes period

802.11an (20MHz)



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

6.2.7 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.

6.2.8 TRANSMIT POWER CONTROL (TPC)

According to FCC 15.407(h)(1) the TPC mechanism is not required for system with an E.I.R.P. of less 500mW

7. TESTING LABORATORIES INFORMATION

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

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

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Annex-A

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

IEEE 802.11N 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	No
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	No
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	No
				Detection Rate: 90.0 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	3.0u	153.0u	No
2	26	1.1u	212.0u	Yes
3	26	2.4u	214.0u	Yes
4	27	2.2u	226.0u	Yes
5	25	3.3u	184.0u	Yes
6	26	4.4u	185.0u	Yes
7	28	3.4u	213.0u	Yes
8	27	4.8u	185.0u	No
9	28	4.8u	197.0u	No
10	23	4.8u	165.0u	Yes
11	29	2.9u	212.0u	Yes
12	28	4.0u	162.0u	Yes
13	25	4.1u	217.0u	Yes
14	28	1.8u	200.0u	Yes
15	26	2.1u	193.0u	Yes
16	27	1.5u	175.0u	Yes
17	23	1.5u	179.0u	Yes
18	29	4.5u	214.0u	No
19	26	4.7u	202.0u	No
20	28	5.0u	206.0u	Yes
21	27	2.7u	222.0u	Yes
22	26	1.0u	153.0u	Yes
23	26	1.9u	173.0u	Yes
24	26	2.6u	157.0u	No
25	26	4.6u	167.0u	Yes
26	25	1.7u	222.0u	Yes
27	26	4.6u	168.0u	Yes
28	27	4.9u	171.0u	Yes
29	24	4.6u	225.0u	Yes
30	25	4.0u	228.0u	Yes
Detection Rate: 80.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	6.8u	452.0u	Yes
2	17	7.4u	206.0u	Yes
3	17	9.1u	226.0u	Yes
4	17	8.1u	311.0u	Yes
5	17	8.4u	216.0u	No
6	18	6.1u	293.0u	Yes
7	16	8.0u	242.0u	Yes
8	17	9.5u	259.0u	Yes
9	16	8.5u	269.0u	Yes
10	17	7.3u	374.0u	No
11	17	8.7u	405.0u	Yes
12	17	8.0u	300.0u	Yes
13	18	8.0u	485.0u	Yes
14	17	7.5u	439.0u	Yes
15	17	8.6u	351.0u	Yes
16	17	6.6u	292.0u	Yes
17	18	9.2u	299.0u	Yes
18	18	6.2u	450.0u	Yes
19	17	8.1u	218.0u	Yes
20	17	6.3u	365.0u	Yes
21	16	7.5u	469.0u	Yes
22	17	6.8u	431.0u	Yes
23	17	9.8u	213.0u	Yes
24	16	9.0u	438.0u	Yes
25	16	9.0u	438.0u	Yes
26	17	9.5u	264.0u	No
27	17	7.9u	371.0u	Yes
28	17	8.1u	303.0u	Yes
29	17	8.3u	402.0u	Yes
30	18	6.9u	291.0u	Yes
Detection Rate: 90 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	16.1u	422.0u	Yes
2	15	19.7u	231.0u	No
3	15	17.8u	483.0u	Yes
4	13	14.9u	222.0u	Yes
5	13	16.7u	327.0u	Yes
6	14	15.1u	389.0u	Yes
7	13	13.6u	375.0u	Yes
8	15	14.8u	367.0u	Yes
9	15	14.6u	223.0u	Yes
10	13	18.4u	278.0u	Yes
11	15	12.4u	264.0u	Yes
12	12	16.1u	417.0u	Yes
13	14	14.6u	453.0u	Yes
14	15	15.0u	452.0u	Yes
15	13	14.9u	250.0u	Yes
16	13	19.5u	403.0u	Yes
17	12	12.5u	295.0u	Yes
18	16	14.7u	338.0u	Yes
19	14	12.4u	371.0u	Yes
20	13	17.3u	237.0u	Yes
21	12	14.8u	270.0u	Yes
22	15	15.6u	494.0u	Yes
23	13	19.9u	248.0u	No
24	15	15.0u	383.0u	Yes
25	13	15.8u	462.0u	Yes
26	15	12.5u	401.0u	Yes
27	13	18.0u	342.0u	Yes
28	16	16.8u	443.0u	Yes
29	15	12.8u	279.0u	Yes
30	13	19.7u	240.0u	Yes
Detection Rate: 93.3 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	No
Detection Rate: 96.7 %		

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

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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	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	No
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	No
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
Detection Rate: 90.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	24	3.7u	154.0u	Yes
2	24	4.4u	230.0u	Yes
3	26	2.5u	212.0u	No
4	28	3.3u	177.0u	Yes
5	26	2.1u	151.0u	Yes
6	23	3.9u	197.0u	Yes
7	28	1.5u	193.0u	Yes
8	23	2.3u	165.0u	Yes
9	29	4.4u	210.0u	Yes
10	23	4.5u	220.0u	Yes
11	24	4.7u	176.0u	Yes
12	25	2.7u	164.0u	Yes
13	24	4.8u	153.0u	Yes
14	28	4.8u	184.0u	Yes
15	26	1.9u	209.0u	Yes
16	29	2.5u	163.0u	Yes
17	26	2.4u	181.0u	Yes
18	24	1.5u	172.0u	Yes
19	25	3.8u	181.0u	Yes
20	26	2.9u	157.0u	Yes
21	28	2.1u	163.0u	Yes
22	27	4.5u	154.0u	Yes
23	25	3.3u	154.0u	Yes
24	26	3.3u	192.0u	Yes
25	28	3.7u	188.0u	Yes
26	26	4.4u	224.0u	No
27	23	4.4u	219.0u	Yes
28	24	4.2u	169.0u	No
29	27	4.4u	201.0u	No
30	29	4.4u	209.0u	Yes
Detection Rate: 86.2 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.2u	326.0u	Yes
2	17	7.2u	489.0u	Yes
3	18	6.9u	418.0u	Yes
4	17	7.1u	319.0u	Yes
5	18	9.2u	437.0u	Yes
6	18	6.7u	252.0u	Yes
7	18	8.4u	456.0u	Yes
8	18	7.8u	452.0u	Yes
9	17	8.5u	347.0u	No
10	17	8.8u	466.0u	Yes
11	16	8.0u	289.0u	Yes
12	17	8.7u	471.0u	Yes
13	16	7.4u	297.0u	Yes
14	17	8.7u	307.0u	Yes
15	16	8.9u	373.0u	Yes
16	18	6.0u	486.0u	Yes
17	16	7.7u	418.0u	No
18	18	6.7u	390.0u	Yes
19	17	8.2u	414.0u	Yes
20	17	8.2u	250.0u	Yes
21	17	9.6u	396.0u	Yes
22	17	9.3u	341.0u	Yes
23	17	8.3u	380.0u	Yes
24	17	9.6u	277.0u	Yes
25	17	8.0u	457.0u	No
26	18	9.1u	285.0u	Yes
27	16	6.3u	440.0u	Yes
28	16	7.1u	379.0u	Yes
29	16	7.9u	342.0u	Yes
30	16	8.0u	200.0u	Yes
Detection Rate: 90.0 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	17.4u	348.0u	Yes
2	13	15.3u	254.0u	Yes
3	15	14.0u	221.0u	Yes
4	13	13.3u	463.0u	Yes
5	14	14.5u	484.0u	Yes
6	14	18.8u	295.0u	Yes
7	15	11.7u	365.0u	Yes
8	14	15.9u	209.0u	Yes
9	13	11.8u	280.0u	Yes
10	15	11.7u	311.0u	Yes
11	14	12.7u	268.0u	Yes
12	15	14.6u	499.0u	No
13	13	19.0u	323.0u	Yes
14	16	12.5u	382.0u	Yes
15	15	15.0u	391.0u	Yes
16	14	17.4u	412.0u	Yes
17	13	18.8u	462.0u	Yes
18	12	11.3u	480.0u	Yes
19	15	12.1u	475.0u	Yes
20	14	12.3u	342.0u	No
21	15	12.5u	309.0u	Yes
22	13	12.8u	410.0u	Yes
23	14	17.3u	207.0u	No
24	14	17.5u	404.0u	Yes
25	14	12.9u	389.0u	Yes
26	14	15.1u	439.0u	Yes
27	16	13.4u	432.0u	Yes
28	15	20.0u	201.0u	Yes
29	12	11.7u	356.0u	Yes
30	13	15.9u	450.0u	Yes
Detection Rate: 90.0 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	No
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	No
6	LP_Signal_06	No
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	No
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	No
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 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	No
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	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	No
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 90.0 %

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: 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	1	12M	55.0u	-	-	444.2m
2	1	5M	80.7u	-	-	355.0m
3	3	14M	56.6u	1.614m	1.626m	183.0m
4	1	13M	52.0u	-	-	447.2m
5	3	10M	70.0u	978.0u	1.904m	13.47m
6	1	13M	76.0u	-	-	119.0m
7	3	10M	71.6u	1.048m	1.054m	176.3m
8	2	9M	70.8u	1.740m	-	413.6m
9	2	10M	61.9u	1.347m	-	84.03m
10	3	10M	76.4u	1.574m	1.645m	435.1m
11	1	8M	96.7u	-	-	26.74m
12	1	16M	52.1u	-	-	58.15m
13	2	19M	85.0u	1.867m	-	424.6m
14	3	11M	57.8u	1.134m	1.266m	462.2m
15	2	8M	64.2u	1.266m	-	618.4m
16	2	19M	89.2u	1.197m	-	200.5m
17	2	13M	59.6u	1.433m	-	328.9m
18	1	20M	98.4u	-	-	169.7m
19	1	13M	67.8u	-	-	457.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	75.4u	1.424m	-	212.9m
2	2	15M	74.0u	1.870m	-	541.0m

3	2	6M	96.3u	1.309m	-	510.0m
4	3	12M	77.1u	1.006m	1.524m	89.86m
5	2	8M	51.6u	1.280m	-	225.3m
6	2	13M	69.8u	1.537m	-	417.0m
7	2	5M	89.9u	1.735m	-	663.3m
8	1	8M	71.1u	-	-	296.8m
9	3	11M	82.0u	1.736m	1.379m	641.9m
10	1	13M	88.2u	-	-	634.9m
11	2	18M	85.0u	1.609m	-	681.6m
12	3	20M	75.5u	1.478m	1.461m	49.00u
13	2	6M	72.6u	1.377m	-	140.1m
14	3	8M	62.8u	1.363m	1.451m	579.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	11M	97.9u	1.458m	964.1u	1.035
2	3	9M	67.9u	1.514m	1.435m	976.2m
3	2	14M	61.8u	1.357m	-	281.1m
4	1	9M	58.4u	-	-	1.057
5	2	18M	67.1u	1.316m	-	407.1m
6	3	15M	75.8u	1.829m	1.885m	1.056
7	2	12M	93.1u	1.002m	-	654.3m
8	2	12M	81.7u	975.3u	-	1.056
9	3	14M	54.2u	958.8u	1.802m	851.2m
10	1	7M	95.7u	-	-	821.9m
11	2	19M	76.6u	1.372m	-	82.32m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
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	72.7u	1.567m	-	806.7m
2	1	14M	53.6u	-	-	726.4m
3	2	10M	96.5u	1.321m	-	270.3m
4	2	9M	63.2u	1.314m	-	795.7m
5	2	19M	88.9u	1.431m	-	501.7m
6	3	8M	89.6u	1.590m	947.4u	358.8m
7	2	20M	79.6u	1.312m	-	463.2m
8	3	18M	70.8u	1.378m	1.159m	415.1m
9	2	16M	57.4u	1.677m	-	773.4m
10	1	17M	63.5u	-	-	363.0m
11	2	18M	91.5u	1.136m	-	142.9m
12	2	18M	59.1u	1.242m	-	661.8m
13	2	16M	75.9u	1.074m	-	911.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	69.1u	1.674m	966.9u	496.9m
2	1	8M	54.0u	-	-	121.0m
3	1	6M	83.3u	-	-	579.5m
4	3	19M	75.5u	987.5u	1.900m	35.75m
5	2	10M	89.8u	1.423m	-	12.30m
6	2	13M	71.1u	1.224m	-	550.5m
7	2	7M	92.2u	1.353m	-	266.3m
8	2	6M	59.7u	978.3u	-	517.1m
9	2	13M	81.9u	1.740m	-	536.2m
10	1	18M	76.1u	-	-	71.03m

11	2	15M	67.5u	993.5u	-	284.2m
12	1	14M	88.4u	-	-	45.38m
13	2	12M	58.3u	1.864m	-	7.343m
14	1	16M	62.1u	-	-	194.3m
15	2	12M	51.9u	1.693m	-	57.77m
16	1	8M	62.1u	-	-	11.80m
17	3	9M	59.1u	1.786m	1.643m	620.9m
18	2	7M	68.2u	1.842m	-	460.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	20M	99.4u	1.444m	1.899m	691.4m
2	3	8M	85.8u	1.886m	1.356m	402.1m
3	1	7M	92.5u	-	-	750.4m
4	1	10M	86.6u	-	-	404.4m
5	2	17M	58.3u	1.448m	-	546.4m
6	2	5M	67.2u	1.172m	-	1.022
7	2	14M	77.3u	949.7u	-	249.1m
8	3	16M	80.3u	1.507m	1.698m	918.3m
9	2	19M	55.0u	1.174m	-	13.12m
10	2	19M	98.8u	1.722m	-	722.9m
11	3	12M	50.1u	1.611m	1.352m	477.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	53.3u	-	-	434.8m
2	2	8M	62.8u	1.287m	-	91.36m
3	1	16M	74.2u	-	-	93.04m
4	2	18M	76.7u	1.450m	-	595.5m

5	2	7M	52.3u	1.732m	-	490.4m
6	1	15M	60.4u	-	-	237.2m
7	2	11M	94.3u	1.678m	-	483.4m
8	2	17M	92.9u	1.781m	-	113.7m
9	1	15M	66.9u	-	-	278.2m
10	3	13M	80.1u	1.458m	1.012m	485.2m
11	1	13M	72.7u	-	-	164.6m
12	1	14M	55.3u	-	-	209.8m
13	1	7M	78.9u	-	-	506.1m
14	1	13M	85.6u	-	-	547.8m
15	2	18M	56.6u	1.896m	-	380.6m
16	2	16M	90.0u	1.468m	-	225.4m
17	3	19M	75.5u	1.792m	1.765m	577.3m
18	2	15M	69.5u	1.511m	-	406.7m
19	2	8M	97.1u	1.514m	-	465.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	8M	96.4u	1.443m	1.241m	70.83m
2	3	16M	68.8u	1.737m	1.930m	139.5m
3	1	13M	59.8u	-	-	279.5m
4	1	18M	99.4u	-	-	165.6m
5	2	11M	83.8u	1.686m	-	174.7m
6	2	7M	83.2u	1.063m	-	673.4m
7	2	8M	80.2u	1.768m	-	458.5m
8	2	14M	69.2u	1.232m	-	323.9m
9	2	17M	82.3u	996.7u	-	564.6m
10	2	17M	58.4u	1.804m	-	156.8m
11	2	11M	98.6u	1.717m	-	721.3m
12	3	11M	88.7u	1.376m	1.180m	592.0m
13	2	17M	92.1u	1.237m	-	427.2m
14	2	10M	71.9u	1.246m	-	142.2m
15	1	18M	89.0u	-	-	438.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	9M	51.9u	1.147m	1.084m	534.2m
2	1	9M	84.8u	-	-	128.1m
3	2	12M	55.3u	1.236m	-	244.2m
4	1	18M	98.0u	-	-	236.3m
5	2	15M	83.2u	1.322m	-	449.1m
6	3	19M	94.0u	1.477m	1.448m	508.0m
7	1	6M	53.6u	-	-	119.6m
8	2	18M	50.3u	1.677m	-	346.2m
9	3	14M	98.9u	1.548m	1.461m	326.0m
10	1	17M	66.3u	-	-	105.2m
11	2	8M	59.6u	1.322m	-	48.48m
12	2	5M	84.3u	1.682m	-	559.4m
13	2	6M	54.4u	1.538m	-	9.945m
14	1	15M	50.9u	-	-	493.5m
15	3	19M	59.5u	1.571m	1.093m	411.2m
16	3	19M	60.1u	1.031m	1.331m	55.86m
17	2	14M	67.0u	1.023m	-	288.4m
18	1	14M	93.0u	-	-	246.5m
19	3	11M	76.6u	1.410m	1.565m	374.1m
20	2	10M	96.8u	1.001m	-	141.3m

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	14M	59.9u	1.622m	-	357.9m
2	2	6M	65.9u	1.295m	-	688.1m
3	2	14M	91.0u	1.108m	-	387.5m

4	2	12M	92.9u	1.671m	-	423.2m
5	1	8M	50.1u	-	-	1.086
6	3	6M	74.5u	1.888m	1.274m	1.222
7	2	9M	74.7u	1.910m	-	1.200
8	3	13M	95.7u	1.271m	1.561m	635.0m
9	1	12M	59.4u	-	-	1.154

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	74.1u	-	-	276.4m
2	3	16M	65.1u	1.520m	1.062m	201.9m
3	2	12M	91.2u	1.898m	-	656.6m
4	2	12M	58.6u	1.425m	-	70.98m
5	2	14M	99.6u	1.172m	-	147.9m
6	2	17M	95.4u	1.291m	-	615.8m
7	2	16M	83.7u	977.3u	-	185.8m
8	2	10M	72.6u	1.065m	-	30.71m
9	2	13M	64.1u	1.520m	-	182.4m
10	2	14M	79.8u	1.543m	-	478.9m
11	3	16M	69.4u	1.151m	1.166m	42.35m
12	3	6M	62.0u	1.613m	1.540m	116.3m
13	2	18M	81.7u	1.897m	-	147.4m
14	3	19M	75.7u	1.546m	1.809m	611.2m
15	2	16M	91.2u	1.360m	-	586.1m
16	2	20M	75.1u	1.910m	-	514.1m
17	2	16M	69.3u	1.781m	-	601.4m
18	2	19M	73.4u	951.6u	-	197.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	12M	54.3u	1.439m	1.634m	648.6m
2	1	15M	70.3u	-	-	1.072
3	2	11M	84.0u	1.912m	-	349.8m
4	2	19M	75.2u	1.516m	-	456.0m
5	2	8M	54.6u	1.738m	-	928.5m
6	2	8M	89.5u	1.341m	-	685.7m
7	3	19M	63.3u	1.273m	1.229m	780.0m
8	3	17M	55.3u	1.937m	1.494m	97.57m
9	1	12M	67.8u	-	-	614.3m
10	1	10M	80.8u	-	-	86.11m
11	2	10M	50.4u	1.919m	-	435.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	93.9u	1.504m	-	734.4m
2	1	13M	86.1u	-	-	748.0m
3	2	18M	57.6u	1.342m	-	576.0m
4	2	12M	63.8u	1.171m	-	331.8m
5	3	14M	88.3u	1.272m	1.434m	375.8m
6	3	13M	68.9u	1.148m	1.006m	352.5m
7	1	18M	80.3u	-	-	757.9m
8	2	13M	73.6u	1.102m	-	104.9m
9	3	11M	95.3u	1.716m	1.369m	799.6m
10	3	19M	67.5u	1.773m	1.298m	585.8m
11	3	17M	89.8u	1.709m	1.833m	384.5m
12	2	9M	67.3u	1.133m	-	409.0m

13	2	8M	83.5u	1.257m	-	594.9m
14	1	12M	61.0u	-	-	445.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
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	1	8M	54.1u	-	-	622.2m
2	3	18M	59.4u	1.519m	1.867m	926.9m
3	2	10M	66.8u	1.146m	-	1.349
4	3	18M	63.0u	1.128m	1.081m	1.477
5	3	9M	95.1u	1.656m	1.656m	1.392
6	2	15M	56.9u	1.092m	-	75.68m
7	3	15M	85.2u	1.104m	1.418m	161.0m
8	2	18M	51.0u	1.618m	-	335.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	78.0u	1.747m	-	133.1m
2	2	8M	65.5u	1.668m	-	454.4m
3	1	16M	55.4u	-	-	52.87m
4	2	10M	70.8u	984.2u	-	249.2m
5	2	11M	51.6u	994.4u	-	784.0m
6	3	12M	52.2u	1.596m	1.375m	453.0m
7	3	9M	70.6u	1.078m	1.891m	28.18m
8	2	16M	64.1u	1.710m	-	101.4m
9	1	19M	96.2u	-	-	247.2m
10	1	5M	87.7u	-	-	658.9m
11	3	12M	94.3u	1.187m	1.341m	53.39m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	19M	84.8u	1.213m	1.058m	1.004
2	1	11M	73.0u	-	-	149.1m
3	3	6M	72.6u	1.662m	993.4u	649.1m
4	2	16M	57.1u	1.028m	-	787.8m
5	2	14M	87.7u	970.3u	-	1.060
6	3	10M	81.3u	1.344m	1.830m	112.4m
7	3	8M	75.5u	1.903m	1.471m	607.4m
8	1	19M	71.3u	-	-	1.059
9	2	15M	91.1u	1.095m	-	362.2m
10	2	16M	97.1u	1.185m	-	460.4m
11	2	6M	84.9u	1.600m	-	98.23m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	67.0u	1.821m	-	185.7m
2	3	15M	75.7u	924.3u	1.179m	185.6m
3	2	9M	82.2u	973.8u	-	564.0m
4	2	9M	77.4u	923.6u	-	271.6m
5	1	18M	99.8u	-	-	755.1m
6	2	13M	81.8u	1.434m	-	789.4m
7	2	7M	65.2u	1.459m	-	62.77m
8	3	6M	52.1u	1.402m	1.236m	746.1m
9	2	15M	52.9u	1.017m	-	649.7m
10	3	12M	68.0u	1.467m	1.352m	58.37m
11	1	17M	70.1u	-	-	305.9m
12	2	10M	60.7u	1.294m	-	209.9m

13	3	10M	59.9u	1.686m	1.318m	458.9m
14	2	6M	71.5u	1.587m	-	594.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	52.5u	-	-	828.2m
2	2	14M	65.9u	1.179m	-	812.4m
3	2	7M	66.3u	957.7u	-	41.62m
4	3	10M	89.1u	1.548m	1.534m	574.4m
5	3	7M	50.9u	1.822m	1.743m	787.1m
6	2	14M	86.0u	971.0u	-	402.1m
7	3	9M	84.3u	1.307m	922.7u	638.8m
8	3	17M	60.3u	1.898m	984.7u	157.8m
9	2	6M	56.6u	1.797m	-	178.8m
10	2	15M	55.8u	956.2u	-	115.3m
11	2	7M	71.7u	1.280m	-	769.9m
12	2	7M	84.3u	1.770m	-	480.2m
13	3	18M	86.3u	1.153m	1.467m	573.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	19M	58.1u	999.9u	-	486.1m
2	1	19M	79.0u	-	-	177.0m
3	2	17M	65.6u	1.695m	-	253.4m
4	2	7M	67.0u	978.0u	-	725.5m
5	2	18M	79.9u	1.184m	-	300.3m
6	2	13M	89.3u	1.249m	-	458.9m
7	3	10M	56.5u	1.852m	1.084m	259.2m
8	2	8M	74.0u	956.0u	-	570.9m

9	3	19M	89.6u	1.121m	930.4u	109.6m
10	2	6M	98.6u	1.846m	-	520.2m
11	2	17M	92.3u	1.711m	-	12.55m
12	2	16M	63.7u	1.107m	-	79.49m
13	1	10M	94.3u	-	-	597.2m
14	1	15M	80.9u	-	-	608.2m
15	1	15M	71.8u	-	-	349.4m
16	3	15M	74.0u	1.753m	1.438m	122.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	76.5u	1.213m	-	700.4m
2	2	14M	84.8u	1.222m	-	655.9m
3	3	14M	79.4u	1.190m	1.815m	1.147
4	2	17M	59.9u	956.1u	-	141.7m
5	2	9M	74.7u	1.699m	-	679.6m
6	2	18M	78.4u	1.565m	-	1.105
7	2	18M	96.3u	1.039m	-	1.166
8	1	12M	74.1u	-	-	630.1m
9	1	14M	90.6u	-	-	661.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	81.5u	-	-	904.0m
2	1	8M	50.3u	-	-	518.5m
3	1	9M	79.2u	-	-	1.168
4	3	6M	93.6u	948.4u	1.741m	296.4m
5	3	13M	98.4u	1.614m	1.245m	270.3m
6	2	8M	57.2u	1.818m	-	636.4m

7	1	8M	65.8u	-	-	610.2m
8	3	17M	69.7u	1.926m	1.544m	827.7m
9	1	14M	97.0u	-	-	151.6m
10	3	13M	58.3u	1.625m	1.350m	653.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	54.9u	-	-	687.1m
2	3	11M	56.9u	1.677m	1.465m	522.0m
3	1	20M	81.9u	-	-	682.2m
4	2	19M	68.9u	1.129m	-	514.7m
5	2	9M	82.9u	1.623m	-	313.7m
6	3	9M	64.9u	1.693m	1.385m	70.80m
7	1	9M	69.6u	-	-	420.0m
8	2	6M	68.4u	1.231m	-	234.2m
9	2	13M	82.1u	1.458m	-	368.5m
10	1	18M	88.1u	-	-	45.00m
11	1	10M	66.0u	-	-	491.6m
12	2	19M	79.7u	1.294m	-	910.0m
13	2	16M	64.5u	1.053m	-	538.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	12M	63.7u	1.418m	-	397.4m
2	1	16M	77.2u	-	-	175.0m
3	2	8M	87.5u	1.271m	-	96.46m
4	3	13M	67.6u	1.768m	1.928m	704.6m
5	2	18M	60.0u	1.807m	-	297.8m
6	2	7M	68.6u	1.660m	-	436.1m

7	2	12M	97.9u	1.364m	-	313.8m
8	2	8M	91.4u	1.096m	-	174.1m
9	1	7M	67.3u	-	-	290.9m
10	2	19M	91.5u	1.760m	-	436.0m
11	3	12M	59.1u	1.758m	1.406m	279.0m
12	1	18M	68.1u	-	-	258.1m
13	3	19M	84.4u	1.855m	1.618m	253.5m
14	3	19M	68.3u	1.763m	1.260m	24.21m
15	1	17M	92.2u	-	-	788.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	88.1u	1.854m	-	608.0m
2	1	8M	69.4u	-	-	119.5m
3	1	7M	67.1u	-	-	110.9m
4	2	18M	52.9u	1.032m	-	125.2m
5	1	16M	57.9u	-	-	166.3m
6	3	13M	74.3u	1.473m	1.556m	352.5m
7	1	7M	76.2u	-	-	613.2m
8	1	14M	81.4u	-	-	316.9m
9	3	14M	89.5u	1.793m	980.5u	616.1m
10	3	8M	79.0u	1.213m	1.481m	397.3m
11	2	18M	53.6u	1.166m	-	595.6m
12	3	19M	98.9u	1.185m	1.419m	353.3m
13	2	13M	90.7u	1.348m	-	185.9m
14	2	8M	64.5u	1.453m	-	409.5m
15	2	19M	57.8u	1.366m	-	169.3m
16	2	20M	55.8u	1.705m	-	343.4m
17	3	14M	65.3u	1.030m	1.757m	278.8m
18	2	14M	74.0u	1.136m	-	65.07m
19	1	18M	63.3u	-	-	57.45m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	19M	65.2u	-	-	418.8m
2	1	6M	67.0u	-	-	107.4m
3	3	5M	73.1u	1.557m	1.428m	483.1m
4	3	15M	51.3u	1.835m	1.199m	330.2m
5	2	20M	59.6u	1.601m	-	247.9m
6	2	6M	79.4u	1.476m	-	522.1m
7	2	16M	97.0u	1.090m	-	159.9m
8	1	15M	80.0u	-	-	257.5m
9	3	18M	91.8u	1.479m	1.078m	210.6m
10	2	11M	100.0u	973.0u	-	456.6m
11	3	11M	82.9u	1.223m	1.649m	113.3m
12	2	19M	60.6u	1.571m	-	218.2m
13	3	7M	63.6u	1.215m	1.546m	602.6m
14	3	18M	56.8u	1.749m	1.316m	514.0m
15	2	17M	86.2u	1.051m	-	411.8m
16	2	16M	69.2u	992.8u	-	147.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	52.6u	1.674m	-	614.5m
2	1	9M	90.2u	-	-	399.2m
3	2	10M	57.9u	1.014m	-	341.0m
4	1	7M	59.1u	-	-	414.9m
5	1	6M	57.8u	-	-	291.5m
6	2	11M	77.7u	1.225m	-	475.3m
7	2	5M	95.1u	1.057m	-	20.61m

8	1	14M	67.5u	-	-	174.6m
9	3	12M	62.7u	1.615m	1.189m	473.5m
10	2	6M	89.2u	1.400m	-	207.9m
11	2	10M	60.1u	985.9u	-	170.4m
12	1	14M	56.2u	-	-	441.7m
13	3	7M	87.2u	1.196m	1.605m	513.5m
14	1	15M	90.2u	-	-	615.1m
15	2	7M	73.6u	1.612m	-	223.7m
16	2	8M	70.0u	1.112m	-	12.41m
17	3	9M	83.4u	1.617m	1.704m	590.5m
18	2	10M	81.9u	1.305m	-	444.4m

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	5M	82.3u	1.752m	925.7u	672.3m
2	2	7M	72.9u	1.297m	-	268.3m
3	2	18M	70.8u	1.733m	-	775.8m
4	2	13M	78.4u	1.900m	-	27.98m
5	1	18M	55.4u	-	-	622.5m
6	2	13M	86.4u	1.583m	-	603.2m
7	2	15M	91.5u	925.5u	-	587.9m
8	3	12M	57.4u	1.821m	1.037m	274.5m
9	1	13M	96.3u	-	-	562.4m
10	3	20M	84.8u	1.631m	1.573m	555.5m
11	3	6M	88.5u	1.535m	1.401m	555.8m
12	2	18M	82.1u	1.483m	-	665.4m
13	3	8M	99.4u	1.679m	1.258m	374.4m
14	1	20M	71.0u	-	-	796.6m
15	2	16M	74.0u	1.231m	-	398.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
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	8M	74.0u	1.700m	1.369m	71.98m
2	2	5M	65.2u	1.620m	-	312.9m
3	1	9M	85.0u	-	-	772.1m
4	3	13M	57.2u	1.086m	1.678m	791.1m
5	3	14M	51.3u	1.260m	1.022m	102.2m
6	1	19M	68.9u	-	-	260.5m
7	1	19M	78.8u	-	-	325.2m
8	1	15M	74.5u	-	-	284.9m
9	2	13M	51.2u	1.235m	-	299.0m
10	1	19M	65.6u	-	-	797.0m
11	1	7M	81.0u	-	-	444.7m
12	3	12M	78.3u	1.816m	1.653m	775.5m
13	2	15M	98.7u	1.797m	-	247.4m
14	3	9M	89.7u	1.124m	1.849m	236.5m
15	2	8M	55.8u	1.875m	-	462.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	81.5u	1.391m	-	782.0m
2	2	17M	77.5u	1.508m	-	634.8m
3	2	17M	93.8u	1.363m	-	66.79m
4	2	8M	86.1u	1.671m	-	697.5m
5	2	7M	69.5u	1.910m	-	566.6m
6	1	6M	79.8u	-	-	128.7m
7	2	13M	98.7u	1.647m	-	725.8m
8	1	10M	87.3u	-	-	720.0m

9	3	13M	99.1u	1.306m	1.658m	1.069
10	2	16M	62.0u	1.001m	-	569.3m
11	3	5M	94.3u	1.470m	1.540m	963.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	67.1u	1.523m	-	1.066
2	2	8M	69.2u	1.322m	-	1.136
3	2	19M	76.2u	1.571m	-	386.9m
4	1	19M	74.6u	-	-	334.7m
5	1	13M	87.2u	-	-	1.312
6	1	18M	87.7u	-	-	695.0m
7	2	18M	73.7u	1.596m	-	1.041
8	1	7M	81.6u	-	-	828.5m
9	3	12M	94.6u	955.4u	1.205m	541.4m

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Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
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	9M	72.7u	968.3u	1.416m	69.94m
2	3	7M	50.7u	1.335m	1.257m	326.1m
3	2	9M	95.7u	1.651m	-	86.62m
4	1	19M	57.3u	-	-	530.7m
5	3	15M	71.0u	1.207m	1.163m	95.96m
6	1	8M	98.6u	-	-	70.14m
7	1	19M	95.6u	-	-	45.77m
8	2	12M	68.1u	1.824m	-	365.7m
9	1	10M	50.6u	-	-	350.8m
10	2	12M	89.5u	1.649m	-	251.4m

11	3	7M	50.0u	970.0u	1.135m	414.5m
12	3	8M	91.0u	1.789m	1.568m	347.6m
13	2	6M	73.2u	1.512m	-	142.9m
14	1	19M	93.1u	-	-	650.0m
15	2	16M	57.8u	1.190m	-	360.9m
16	1	13M	55.7u	-	-	82.06m
17	2	15M	70.8u	1.152m	-	659.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
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	14M	84.6u	1.271m	-	796.2m
2	2	16M	76.8u	1.489m	-	551.3m
3	2	16M	93.2u	949.8u	-	83.94m
4	2	17M	71.9u	937.1u	-	560.4m
5	2	14M	77.0u	1.472m	-	366.9m
6	2	7M	75.0u	1.856m	-	593.3m
7	3	16M	59.1u	1.494m	1.835m	899.4m
8	3	12M	70.9u	1.710m	1.066m	316.4m
9	3	8M	70.1u	1.531m	1.849m	578.4m
10	2	7M	94.0u	1.479m	-	439.4m
11	2	13M	89.5u	1.813m	-	482.3m
12	2	8M	67.1u	1.513m	-	47.21m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	16M	83.5u	1.216m	-	843.9m
2	1	9M	99.5u	-	-	30.57m
3	3	9M	87.4u	1.766m	1.468m	871.0m
4	2	16M	79.7u	1.276m	-	1.004

5	1	18M	67.7u	-	-	240.0m
6	2	19M	61.1u	1.098m	-	268.5m
7	1	5M	79.4u	-	-	96.57m
8	1	19M	86.0u	-	-	683.4m
9	2	12M	60.9u	1.547m	-	651.9m
10	3	8M	89.7u	1.206m	961.3u	113.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
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	86.3u	-	-	465.9m
2	2	14M	76.5u	1.101m	-	173.1m
3	1	5M	73.9u	-	-	254.6m
4	1	20M	98.0u	-	-	392.2m
5	2	11M	98.4u	1.473m	-	404.0m
6	2	19M	60.7u	1.779m	-	416.2m
7	1	13M	68.2u	-	-	16.41m
8	3	8M	79.5u	1.667m	1.282m	554.7m
9	1	6M	87.6u	-	-	778.4m
10	2	11M	69.3u	1.615m	-	311.6m
11	2	8M	78.9u	1.718m	-	508.0m
12	3	18M	63.5u	1.451m	1.611m	86.92m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
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	83.9u	1.656m	1.608m	288.5m
2	1	19M	96.9u	-	-	941.4m
3	2	8M	66.8u	1.755m	-	994.1m
4	3	7M	74.0u	1.475m	1.717m	163.1m
5	1	7M	58.0u	-	-	824.5m

6	3	10M	71.3u	1.459m	1.264m	183.3m
7	2	10M	68.7u	1.142m	-	1.051
8	1	17M	88.0u	-	-	358.5m
9	1	19M	55.7u	-	-	945.9m
10	3	8M	99.6u	1.438m	984.4u	813.8m
11	3	19M	99.0u	1.877m	1.238m	516.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	63.6u	1.238m	1.250m	438.5m
2	1	14M	55.0u	-	-	48.83m
3	3	8M	60.7u	1.870m	1.223m	765.5m
4	2	5M	85.1u	1.174m	-	2.284m
5	2	19M	80.0u	1.209m	-	380.6m
6	2	5M	61.6u	1.360m	-	842.0u
7	2	11M	73.9u	1.289m	-	110.7m
8	2	11M	51.3u	1.309m	-	584.4m
9	1	15M	93.8u	-	-	789.0m
10	3	8M	51.5u	1.008m	1.678m	731.8m
11	2	13M	52.7u	1.845m	-	888.8m
12	2	18M	57.0u	1.655m	-	720.4m
13	3	10M	69.1u	1.264m	1.430m	788.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	90.1u	1.107m	1.620m	686.4m
2	2	5M	93.5u	1.396m	-	323.0m
3	1	8M	80.1u	-	-	150.1m
4	2	19M	68.2u	1.869m	-	113.6m

5	1	11M	94.8u	-	-	253.8m
6	3	18M	60.8u	1.937m	1.225m	379.9m
7	2	7M	86.3u	1.194m	-	158.3m
8	2	7M	54.2u	1.659m	-	79.80m
9	1	15M	70.6u	-	-	43.71m
10	2	15M	84.5u	1.293m	-	550.8m
11	3	7M	53.7u	1.481m	1.010m	100.2m
12	1	15M	86.3u	-	-	133.7m
13	2	9M	53.5u	1.096m	-	419.0m
14	1	14M	93.2u	-	-	630.7m
15	2	18M	60.9u	1.284m	-	270.4m
16	2	14M	55.9u	1.030m	-	691.6m
17	2	8M	99.0u	1.282m	-	411.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	80.5u	1.775m	-	768.7m
2	1	15M	79.3u	-	-	710.3m
3	1	12M	64.9u	-	-	555.6m
4	1	12M	61.4u	-	-	1.169
5	3	20M	65.9u	1.221m	1.018m	529.7m
6	2	16M	52.9u	1.539m	-	559.6m
7	1	12M	94.4u	-	-	206.4m
8	2	15M	94.0u	1.791m	-	1.110
9	2	15M	79.6u	1.090m	-	576.2m
10	2	20M	71.3u	1.880m	-	835.0m

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	3	11M	90.4u	1.644m	1.290m	62.54m
2	2	17M	79.6u	1.632m	-	376.5m
3	3	14M	60.9u	1.348m	968.1u	726.3m
4	3	11M	65.9u	1.083m	1.208m	492.1m
5	2	6M	84.2u	1.046m	-	848.3m
6	2	18M	89.3u	1.807m	-	579.9m
7	2	19M	74.9u	1.829m	-	356.0m
8	3	18M	67.7u	1.621m	1.497m	525.1m
9	2	15M	51.6u	1.643m	-	445.2m
10	3	15M	66.2u	1.200m	1.335m	939.3m
11	1	12M	53.7u	-	-	288.7m
12	2	8M	63.9u	1.705m	-	138.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
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	19M	94.8u	962.2u	-	388.8m
2	1	19M	59.4u	-	-	134.2m
3	1	18M	75.0u	-	-	534.2m
4	2	8M	69.2u	1.297m	-	214.6m
5	2	13M	87.5u	1.661m	-	226.9m
6	2	9M	92.8u	1.588m	-	15.07m
7	3	12M	58.4u	1.126m	1.509m	106.5m
8	1	8M	78.0u	-	-	71.23m
9	1	8M	91.0u	-	-	501.6m
10	2	16M	55.4u	1.310m	-	335.3m
11	2	16M	65.0u	1.438m	-	579.8m
12	3	8M	91.7u	1.807m	1.127m	426.2m
13	3	8M	83.2u	947.8u	940.8u	622.8m
14	1	19M	62.2u	-	-	382.5m
15	3	15M	87.3u	1.107m	1.384m	121.7m
16	2	14M	69.8u	1.391m	-	9.165m
17	1	7M	51.6u	-	-	299.8m
18	1	12M	94.5u	-	-	468.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	79.1u	-	-	404.5m
2	2	7M	55.6u	1.880m	-	508.6m
3	2	19M	97.6u	1.298m	-	307.0m
4	3	10M	88.2u	1.335m	1.790m	636.3m
5	1	8M	94.5u	-	-	254.6m
6	2	13M	53.0u	1.869m	-	604.4m
7	3	9M	82.2u	1.064m	1.556m	659.5m
8	1	17M	82.1u	-	-	453.2m
9	1	19M	76.6u	-	-	447.9m
10	2	19M	64.9u	1.920m	-	331.7m
11	2	9M	69.1u	1.111m	-	656.3m
12	2	9M	61.9u	1.349m	-	383.7m
13	3	12M	61.0u	1.282m	1.717m	175.8m
14	2	8M	68.2u	1.249m	-	397.7m
15	1	14M	66.5u	-	-	578.6m
16	2	12M	51.1u	1.709m	-	400.2m
17	3	15M	82.7u	1.443m	1.687m	3.947m
18	3	11M	72.3u	1.207m	1.244m	148.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	68.4u	-	-	209.5m
2	3	18M	63.3u	1.226m	1.053m	544.3m
3	2	6M	74.5u	1.883m	-	67.87m
4	2	12M	86.4u	1.344m	-	768.5m
5	3	19M	75.2u	1.238m	1.231m	787.9m

6	2	11M	56.9u	1.219m	-	765.5m
7	2	13M	55.9u	1.674m	-	328.2m
8	3	7M	62.6u	1.090m	1.405m	658.7m
9	2	15M	66.4u	1.455m	-	400.3m
10	1	13M	52.3u	-	-	628.2m
11	3	20M	67.0u	1.912m	1.792m	506.2m
12	3	5M	94.4u	1.325m	1.204m	114.1m
13	2	18M	51.9u	1.438m	-	663.6m
14	2	19M	79.7u	1.543m	-	268.1m
15	2	6M	98.1u	1.183m	-	503.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	6M	94.6u	-	-	68.94m
2	2	10M	88.2u	1.190m	-	123.1m
3	1	13M	68.5u	-	-	860.8m
4	2	9M	74.4u	1.416m	-	483.4m
5	3	7M	90.1u	1.357m	1.732m	728.1m
6	1	11M	90.7u	-	-	429.2m
7	1	6M	71.0u	-	-	285.0m
8	2	7M	94.8u	1.885m	-	264.8m
9	2	6M	66.4u	1.230m	-	191.5m
10	1	11M	72.6u	-	-	766.7m
11	2	15M	67.8u	1.248m	-	557.9m
12	1	11M	51.7u	-	-	334.4m

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	1	10M	86.7u	-	-	354.8m

2	1	5M	85.5u	-	-	125.3m
3	2	7M	68.8u	1.226m	-	753.2m
4	2	9M	68.2u	1.149m	-	757.1m
5	2	11M	64.9u	1.636m	-	57.74m
6	2	18M	75.3u	1.498m	-	324.1m
7	1	19M	54.2u	-	-	803.8m
8	3	15M	60.3u	1.480m	1.291m	370.5m
9	2	19M	98.8u	986.2u	-	385.1m
10	1	13M	96.5u	-	-	629.6m
11	3	18M	81.2u	1.770m	1.800m	335.4m
12	2	9M	70.4u	1.884m	-	742.8m
13	1	6M	52.6u	-	-	712.1m
14	3	13M	89.9u	1.200m	1.650m	329.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	83.1u	1.199m	-	717.3m
2	2	11M	88.6u	1.297m	-	997.0m
3	1	8M	92.7u	-	-	1.024
4	2	14M	66.8u	1.190m	-	388.2m
5	2	8M	84.4u	1.617m	-	503.5m
6	1	7M	57.5u	-	-	895.6m
7	1	14M	88.3u	-	-	1.112
8	3	19M	63.6u	1.399m	1.494m	618.4m
9	2	6M	59.2u	1.084m	-	477.3m
10	3	12M	87.1u	1.226m	1.796m	856.8m

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	2	6M	88.8u	1.158m	-	643.3m
2	1	18M	51.3u	-	-	975.7m
3	3	7M	84.4u	1.288m	1.105m	731.6m
4	2	9M	99.6u	1.142m	-	501.0m
5	3	15M	95.7u	1.633m	1.002m	1.187
6	2	17M	60.4u	1.845m	-	1.314
7	2	18M	58.2u	1.035m	-	1.139
8	1	17M	58.6u	-	-	917.7m
9	1	16M	75.9u	-	-	616.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
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	69.9u	938.1u	1.567m	1.091
2	2	18M	82.2u	1.254m	-	77.88m
3	2	6M	90.0u	920.0u	-	701.5m
4	1	20M	92.4u	-	-	1.074
5	2	16M	54.4u	1.172m	-	664.2m
6	2	16M	62.2u	1.211m	-	600.1m
7	1	5M	68.9u	-	-	358.6m
8	2	8M	60.6u	1.598m	-	1.193
9	2	19M	90.8u	1.284m	-	418.8m
10	3	14M	57.0u	1.744m	1.281m	682.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	56.2u	1.481m	1.692m	615.9m
2	3	11M	51.7u	1.122m	1.895m	726.5m
3	2	13M	67.1u	1.644m	-	596.8m
4	2	6M	92.4u	1.303m	-	334.9m

5	2	19M	75.9u	1.635m	-	637.4m
6	1	13M	89.1u	-	-	233.0m
7	2	5M	78.5u	1.814m	-	726.0m
8	2	19M	97.2u	1.711m	-	591.5m
9	1	17M	84.6u	-	-	184.4m
10	3	12M	52.3u	1.024m	980.7u	666.3m
11	2	18M	97.7u	1.767m	-	13.73m
12	2	20M	81.9u	1.051m	-	40.82m
13	2	14M	77.9u	1.668m	-	524.0m
14	1	20M	72.1u	-	-	620.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	72.2u	986.8u	-	603.7m
2	1	9M	53.7u	-	-	827.1m
3	1	10M	59.7u	-	-	661.9m
4	2	15M	98.7u	1.744m	-	29.90m
5	1	7M	60.3u	-	-	541.3m
6	1	14M	55.4u	-	-	723.0m
7	2	17M	79.9u	1.628m	-	694.5m
8	3	12M	62.6u	1.083m	1.255m	29.43m
9	1	19M	62.1u	-	-	904.4m
10	3	9M	94.3u	1.422m	1.775m	154.6m
11	1	13M	88.4u	-	-	627.7m

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	16M	54.8u	1.736m	-	144.0m
2	1	8M	91.0u	-	-	537.3m

3	3	9M	61.4u	1.010m	982.6u	151.4m
4	3	13M	52.1u	1.156m	1.298m	311.7m
5	3	9M	98.3u	1.415m	1.681m	375.9m
6	2	9M	97.5u	1.275m	-	337.2m
7	1	14M	62.7u	-	-	299.6m
8	2	14M	62.0u	1.334m	-	335.0m
9	2	15M	85.9u	1.584m	-	1.033
10	1	6M	57.6u	-	-	412.1m
11	2	13M	73.9u	1.891m	-	194.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
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	11M	64.5u	1.017m	1.430m	484.3m
2	2	18M	60.9u	979.1u	-	317.4m
3	1	15M	63.5u	-	-	628.5m
4	2	20M	72.3u	1.520m	-	166.0m
5	2	16M	93.9u	1.421m	-	673.7m
6	1	8M	59.1u	-	-	303.0m
7	2	16M	86.9u	1.332m	-	725.3m
8	1	11M	70.5u	-	-	949.9m
9	2	10M	77.7u	1.647m	-	242.8m
10	1	8M	71.6u	-	-	712.2m
11	2	13M	87.5u	1.553m	-	970.2m
12	3	8M	77.2u	926.8u	1.150m	769.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	67.5u	1.584m	-	156.7m
2	3	11M	87.8u	1.768m	1.004m	112.9m

3	3	18M	64.4u	1.243m	1.374m	667.1m
4	1	13M	56.6u	-	-	490.2m
5	1	12M	71.8u	-	-	525.7m
6	2	14M	83.4u	1.598m	-	340.2m
7	2	13M	58.4u	1.423m	-	652.9m
8	2	6M	73.8u	1.191m	-	651.7m
9	2	15M	62.5u	1.703m	-	18.09m
10	1	20M	90.2u	-	-	89.30m
11	2	12M	88.0u	1.850m	-	275.4m
12	1	19M	73.1u	-	-	481.3m
13	2	8M	78.4u	1.710m	-	87.68m
14	2	15M	81.8u	1.297m	-	476.0m
15	3	10M	72.8u	1.818m	1.476m	12.00m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	66.1u	1.272m	-	305.8m
2	2	9M	64.2u	1.028m	-	216.0m
3	2	8M	74.5u	1.267m	-	308.5m
4	2	19M	65.3u	1.619m	-	157.6m
5	1	5M	87.4u	-	-	450.6m
6	3	14M	59.2u	1.340m	1.230m	220.5m
7	2	18M	85.6u	1.422m	-	252.1m
8	2	7M	68.2u	979.8u	-	417.6m
9	2	17M	92.0u	1.583m	-	4.723m
10	2	12M	54.4u	1.664m	-	439.7m
11	3	10M	57.4u	1.792m	1.129m	4.862m
12	2	14M	77.0u	1.333m	-	467.8m
13	1	7M	92.7u	-	-	499.2m
14	2	17M	55.8u	1.088m	-	331.4m
15	3	8M	94.0u	1.580m	979.0u	105.4m
16	3	15M	71.0u	1.534m	1.254m	234.2m
17	2	11M	74.2u	1.558m	-	20.26m

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	19M	60.4u	1.343m	-	273.7m
2	2	8M	92.7u	1.556m	-	47.76m
3	2	16M	71.2u	964.8u	-	279.6m
4	3	10M	55.7u	1.186m	1.304m	64.90m
5	2	16M	64.6u	1.221m	-	525.3m
6	2	14M	53.6u	1.082m	-	261.7m
7	3	5M	84.7u	996.3u	1.591m	633.5m
8	2	9M	76.8u	1.285m	-	865.5m
9	2	17M	92.5u	967.5u	-	716.1m
10	2	10M	56.4u	1.368m	-	985.0m
11	1	8M	96.2u	-	-	960.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	75.2u	1.051m	-	174.7m
2	3	20M	68.4u	1.301m	1.667m	254.7m
3	2	19M	70.2u	1.582m	-	492.1m
4	2	5M	66.5u	1.193m	-	15.82m
5	2	6M	81.7u	1.067m	-	208.3m
6	3	18M	85.9u	1.048m	1.150m	9.226m
7	3	19M	74.9u	1.098m	1.548m	504.0m
8	2	14M	63.4u	1.688m	-	230.9m
9	3	12M	90.6u	923.4u	1.461m	514.5m
10	1	16M	74.4u	-	-	250.9m
11	2	7M	91.1u	1.755m	-	432.7m
12	2	11M	61.6u	1.544m	-	395.8m

13	2	11M	88.4u	1.613m	-	441.6m
14	2	15M	89.8u	1.757m	-	169.0m
15	1	8M	56.6u	-	-	405.9m
16	1	17M	97.8u	-	-	154.9m
17	1	6M	89.1u	-	-	540.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
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	91.3u	1.339m	-	488.9m
2	2	15M	92.7u	1.295m	-	425.6m
3	2	13M	81.7u	1.863m	-	261.5m
4	2	16M	61.6u	1.565m	-	374.0m
5	1	12M	84.8u	-	-	319.4m
6	1	8M	51.1u	-	-	217.7m
7	3	5M	54.3u	1.410m	1.395m	208.1m
8	2	11M	70.6u	1.550m	-	98.40m
9	2	12M	91.1u	973.9u	-	540.5m
10	2	15M	55.5u	1.004m	-	52.11m
11	2	11M	81.6u	1.851m	-	596.4m
12	3	8M	88.8u	1.139m	1.224m	76.70m
13	3	18M	61.1u	1.924m	1.437m	413.3m
14	3	10M	50.6u	1.886m	1.139m	200.3m
15	1	8M	60.6u	-	-	168.7m
16	2	7M	69.3u	1.855m	-	112.9m
17	2	7M	53.2u	1.438m	-	408.8m
18	3	12M	51.9u	1.269m	1.423m	101.2m
19	3	10M	60.6u	1.114m	1.269m	454.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	70.5u	-	-	752.5m
2	2	7M	86.7u	1.489m	-	852.2m
3	2	15M	78.7u	1.176m	-	81.65m
4	2	19M	69.1u	1.074m	-	241.5m
5	1	15M	80.5u	-	-	536.9m
6	2	19M	87.0u	1.578m	-	814.8m
7	2	11M	66.9u	1.789m	-	103.6m
8	3	7M	55.9u	1.104m	1.499m	84.51m
9	2	13M	74.1u	1.719m	-	223.4m
10	1	13M	52.8u	-	-	369.8m
11	2	15M	85.1u	1.326m	-	438.8m
12	3	7M	76.8u	1.111m	1.291m	392.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	56.0u	1.268m	1.216m	382.4m
2	1	18M	86.1u	-	-	440.7m
3	2	9M	96.8u	1.592m	-	602.6m
4	2	11M	70.3u	1.553m	-	694.6m
5	2	12M	55.1u	1.764m	-	422.5m
6	2	10M	69.3u	1.476m	-	22.34m
7	1	17M	65.0u	-	-	56.08m
8	2	7M	71.9u	1.452m	-	252.3m
9	1	9M	63.6u	-	-	686.6m
10	2	10M	88.8u	1.432m	-	256.5m
11	2	5M	85.6u	1.731m	-	407.4m

12	3	15M	96.1u	1.741m	1.234m	534.3m
13	3	9M	55.0u	1.723m	1.274m	539.0m
14	2	12M	80.3u	1.421m	-	654.1m
15	2	18M	75.4u	1.519m	-	39.27m
16	2	10M	59.5u	1.652m	-	693.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	12M	58.1u	1.933m	-	495.6m
2	1	20M	62.0u	-	-	448.9m
3	1	18M	77.7u	-	-	318.4m
4	3	6M	80.0u	1.769m	1.712m	42.00m
5	3	9M	93.7u	1.046m	1.754m	550.2m
6	3	11M	80.7u	1.457m	1.840m	671.0m
7	1	17M	95.1u	-	-	701.9m
8	3	20M	96.4u	1.742m	1.792m	170.8m
9	2	18M	65.1u	1.343m	-	113.7m
10	2	15M	95.6u	1.854m	-	123.9m
11	1	6M	63.7u	-	-	528.9m
12	3	15M	86.1u	1.488m	1.442m	77.28m
13	1	7M	85.4u	-	-	692.1m
14	1	6M	75.1u	-	-	186.7m
15	1	9M	52.0u	-	-	39.60m
16	3	9M	88.3u	1.897m	916.7u	258.3m
17	2	15M	87.0u	1.009m	-	148.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
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	18M	99.9u	1.114m	-	183.7m
2	1	12M	79.3u	-	-	296.0m
3	2	12M	58.4u	1.047m	-	410.5m
4	2	19M	58.7u	1.091m	-	668.8m
5	2	15M	79.7u	1.684m	-	319.0m
6	2	16M	84.5u	1.525m	-	15.67m
7	3	12M	81.7u	1.324m	974.3u	64.28m
8	2	15M	80.2u	1.847m	-	576.0m
9	2	14M	81.7u	1.756m	-	473.6m
10	1	6M	91.8u	-	-	165.3m
11	2	19M	51.8u	1.442m	-	646.7m
12	2	14M	75.4u	1.526m	-	668.3m
13	1	5M	59.0u	-	-	116.6m
14	1	18M	91.2u	-	-	702.6m
15	2	6M	65.1u	1.054m	-	185.0m
16	2	9M	55.3u	1.096m	-	399.4m
17	2	15M	52.6u	1.222m	-	96.34m

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	No
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: 96.7 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.662G	2	5.478G	3	5.470G	4	5.362G
5	5.285G	6	5.329G	7	5.304G	8	5.367G
9	5.682G	10	5.673G	11	5.308G	12	5.610G
13	5.281G	14	5.712G	15	5.255G	16	5.322G
17	5.690G	18	5.667G	19	5.250G	20	5.342G
21	5.486G	22	5.707G	23	5.564G	24	5.347G
25	5.702G	26	5.621G	27	5.481G	28	5.617G
29	5.278G	30	5.524G	31	5.416G	32	5.397G

33	5.498G	34	5.452G	35	5.684G	36	5.520G
37	5.317G	38	5.350G	39	5.276G	40	5.613G
41	5.324G	42	5.444G	43	5.606G	44	5.700G
45	5.686G	46	5.595G	47	5.469G	48	5.316G
49	5.536G	50	5.643G	51	5.473G	52	5.510G
53	5.655G	54	5.517G	55	5.488G	56	5.414G
57	5.335G	58	5.571G	59	5.299G	60	5.251G
61	5.341G	62	5.346G	63	5.267G	64	5.372G
65	5.600G	66	5.718G	67	5.460G	68	5.551G
69	5.336G	70	5.370G	71	5.325G	72	5.323G
73	5.719G	74	5.711G	75	5.450G	76	5.519G
77	5.428G	78	5.455G	79	5.514G	80	5.401G
81	5.622G	82	5.680G	83	5.483G	84	5.688G
85	5.670G	86	5.352G	87	5.493G	88	5.633G
89	5.560G	90	5.472G	91	5.612G	92	5.547G
93	5.523G	94	5.537G	95	5.340G	96	5.562G
97	5.405G	98	5.509G	99	5.432G	100	5.468G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.360G	2	5.539G	3	5.529G	4	5.328G
5	5.540G	6	5.642G	7	5.663G	8	5.408G
9	5.442G	10	5.534G	11	5.387G	12	5.673G
13	5.314G	14	5.480G	15	5.380G	16	5.315G
17	5.388G	18	5.255G	19	5.434G	20	5.624G
21	5.609G	22	5.385G	23	5.676G	24	5.486G
25	5.656G	26	5.256G	27	5.596G	28	5.370G
29	5.253G	30	5.347G	31	5.311G	32	5.589G
33	5.447G	34	5.386G	35	5.536G	36	5.717G
37	5.362G	38	5.351G	39	5.419G	40	5.252G
41	5.532G	42	5.511G	43	5.541G	44	5.368G
45	5.397G	46	5.555G	47	5.517G	48	5.505G
49	5.674G	50	5.356G	51	5.391G	52	5.503G
53	5.266G	54	5.303G	55	5.441G	56	5.363G
57	5.607G	58	5.452G	59	5.403G	60	5.544G
61	5.497G	62	5.524G	63	5.504G	64	5.341G

65	5.518G	66	5.477G	67	5.271G	68	5.545G
69	5.340G	70	5.604G	71	5.622G	72	5.620G
73	5.588G	74	5.254G	75	5.634G	76	5.291G
77	5.651G	78	5.338G	79	5.510G	80	5.705G
81	5.584G	82	5.598G	83	5.282G	84	5.277G
85	5.490G	86	5.633G	87	5.449G	88	5.428G
89	5.472G	90	5.537G	91	5.473G	92	5.301G
93	5.454G	94	5.592G	95	5.560G	96	5.659G
97	5.453G	98	5.667G	99	5.375G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.372G	2	5.462G	3	5.365G	4	5.720G
5	5.639G	6	5.292G	7	5.250G	8	5.381G
9	5.321G	10	5.604G	11	5.614G	12	5.524G
13	5.406G	14	5.648G	15	5.714G	16	5.654G
17	5.649G	18	5.676G	19	5.278G	20	5.701G
21	5.257G	22	5.674G	23	5.385G	24	5.259G
25	5.684G	26	5.623G	27	5.425G	28	5.251G
29	5.681G	30	5.450G	31	5.452G	32	5.493G
33	5.611G	34	5.441G	35	5.607G	36	5.288G
37	5.253G	38	5.616G	39	5.287G	40	5.281G
41	5.346G	42	5.370G	43	5.470G	44	5.587G
45	5.469G	46	5.294G	47	5.383G	48	5.662G
49	5.297G	50	5.296G	51	5.423G	52	5.302G
53	5.554G	54	5.679G	55	5.721G	56	5.476G
57	5.271G	58	5.545G	59	5.465G	60	5.529G
61	5.433G	62	5.394G	63	5.408G	64	5.480G
65	5.640G	66	5.705G	67	5.695G	68	5.329G
69	5.252G	70	5.404G	71	5.358G	72	5.327G
73	5.608G	74	5.487G	75	5.308G	76	5.424G
77	5.552G	78	5.482G	79	5.660G	80	5.284G
81	5.497G	82	5.593G	83	5.379G	84	5.451G
85	5.474G	86	5.389G	87	5.366G	88	5.553G
89	5.509G	90	5.270G	91	5.436G	92	5.511G
93	5.397G	94	5.697G	95	5.561G	96	5.368G

97	5.331G	98	5.627G	99	5.264G	100	5.446G
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Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.390G	2	5.495G	3	5.373G	4	5.593G
5	5.619G	6	5.701G	7	5.499G	8	5.328G
9	5.604G	10	5.716G	11	5.268G	12	5.363G
13	5.319G	14	5.462G	15	5.607G	16	5.389G
17	5.550G	18	5.299G	19	5.270G	20	5.576G
21	5.272G	22	5.298G	23	5.567G	24	5.485G
25	5.694G	26	5.664G	27	5.507G	28	5.291G
29	5.503G	30	5.490G	31	5.379G	32	5.520G
33	5.474G	34	5.277G	35	5.586G	36	5.626G
37	5.629G	38	5.712G	39	5.252G	40	5.256G
41	5.687G	42	5.527G	43	5.525G	44	5.672G
45	5.463G	46	5.258G	47	5.297G	48	5.616G
49	5.398G	50	5.407G	51	5.656G	52	5.519G
53	5.278G	54	5.438G	55	5.482G	56	5.362G
57	5.610G	58	5.345G	59	5.397G	60	5.406G
61	5.377G	62	5.465G	63	5.285G	64	5.383G
65	5.283G	66	5.598G	67	5.418G	68	5.679G
69	5.515G	70	5.680G	71	5.459G	72	5.713G
73	5.329G	74	5.572G	75	5.251G	76	5.600G
77	5.643G	78	5.414G	79	5.533G	80	5.575G
81	5.501G	82	5.456G	83	5.574G	84	5.662G
85	5.486G	86	5.536G	87	5.342G	88	5.468G
89	5.502G	90	5.361G	91	5.324G	92	5.671G
93	5.674G	94	5.685G	95	5.670G	96	5.271G
97	5.552G	98	5.690G	99	5.621G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.586G	2	5.546G	3	5.288G	4	5.692G
5	5.671G	6	5.506G	7	5.518G	8	5.581G
9	5.327G	10	5.466G	11	5.445G	12	5.640G

13	5.393G	14	5.464G	15	5.557G	16	5.451G
17	5.515G	18	5.497G	19	5.381G	20	5.603G
21	5.651G	22	5.532G	23	5.605G	24	5.350G
25	5.659G	26	5.587G	27	5.337G	28	5.538G
29	5.417G	30	5.324G	31	5.593G	32	5.265G
33	5.668G	34	5.331G	35	5.524G	36	5.369G
37	5.295G	38	5.434G	39	5.340G	40	5.374G
41	5.554G	42	5.279G	43	5.573G	44	5.334G
45	5.648G	46	5.401G	47	5.533G	48	5.366G
49	5.509G	50	5.519G	51	5.678G	52	5.282G
53	5.535G	54	5.572G	55	5.493G	56	5.612G
57	5.260G	58	5.565G	59	5.473G	60	5.551G
61	5.676G	62	5.405G	63	5.602G	64	5.343G
65	5.411G	66	5.297G	67	5.528G	68	5.488G
69	5.664G	70	5.517G	71	5.294G	72	5.641G
73	5.346G	74	5.280G	75	5.492G	76	5.276G
77	5.426G	78	5.472G	79	5.400G	80	5.635G
81	5.662G	82	5.392G	83	5.433G	84	5.454G
85	5.627G	86	5.320G	87	5.481G	88	5.457G
89	5.632G	90	5.325G	91	5.542G	92	5.520G
93	5.544G	94	5.476G	95	5.446G	96	5.371G
97	5.511G	98	5.437G	99	5.341G	100	5.432G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.469G	2	5.535G	3	5.507G	4	5.581G
5	5.289G	6	5.388G	7	5.424G	8	5.263G
9	5.499G	10	5.504G	11	5.627G	12	5.615G
13	5.512G	14	5.331G	15	5.255G	16	5.427G
17	5.674G	18	5.595G	19	5.308G	20	5.417G
21	5.500G	22	5.276G	23	5.342G	24	5.508G
25	5.265G	26	5.625G	27	5.655G	28	5.287G
29	5.476G	30	5.441G	31	5.357G	32	5.551G
33	5.367G	34	5.657G	35	5.663G	36	5.334G
37	5.349G	38	5.456G	39	5.317G	40	5.310G
41	5.699G	42	5.513G	43	5.394G	44	5.578G

45	5.613G	46	5.598G	47	5.447G	48	5.299G
49	5.689G	50	5.608G	51	5.543G	52	5.509G
53	5.442G	54	5.580G	55	5.489G	56	5.633G
57	5.384G	58	5.606G	59	5.596G	60	5.392G
61	5.665G	62	5.545G	63	5.488G	64	5.347G
65	5.612G	66	5.594G	67	5.294G	68	5.587G
69	5.709G	70	5.403G	71	5.571G	72	5.429G
73	5.568G	74	5.399G	75	5.601G	76	5.680G
77	5.460G	78	5.711G	79	5.632G	80	5.438G
81	5.673G	82	5.258G	83	5.444G	84	5.383G
85	5.382G	86	5.715G	87	5.710G	88	5.369G
89	5.542G	90	5.462G	91	5.524G	92	5.293G
93	5.345G	94	5.497G	95	5.698G	96	5.272G
97	5.360G	98	5.282G	99	5.285G	100	5.336G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.681G	2	5.297G	3	5.566G	4	5.716G
5	5.660G	6	5.411G	7	5.265G	8	5.644G
9	5.299G	10	5.652G	11	5.693G	12	5.324G
13	5.462G	14	5.494G	15	5.381G	16	5.659G
17	5.536G	18	5.658G	19	5.582G	20	5.613G
21	5.427G	22	5.556G	23	5.590G	24	5.680G
25	5.522G	26	5.346G	27	5.524G	28	5.375G
29	5.495G	30	5.583G	31	5.403G	32	5.351G
33	5.521G	34	5.394G	35	5.534G	36	5.537G
37	5.263G	38	5.353G	39	5.540G	40	5.508G
41	5.712G	42	5.614G	43	5.682G	44	5.328G
45	5.314G	46	5.548G	47	5.448G	48	5.281G
49	5.560G	50	5.707G	51	5.477G	52	5.266G
53	5.463G	54	5.663G	55	5.335G	56	5.358G
57	5.673G	58	5.486G	59	5.319G	60	5.684G
61	5.250G	62	5.464G	63	5.307G	64	5.269G
65	5.704G	66	5.268G	67	5.645G	68	5.348G
69	5.509G	70	5.599G	71	5.551G	72	5.384G
73	5.605G	74	5.277G	75	5.557G	76	5.460G

77	5.301G	78	5.697G	79	5.279G	80	5.574G
81	5.472G	82	5.654G	83	5.554G	84	5.339G
85	5.300G	86	5.349G	87	5.553G	88	5.261G
89	5.305G	90	5.392G	91	5.713G	92	5.256G
93	5.451G	94	5.543G	95	5.452G	96	5.723G
97	5.710G	98	5.571G	99	5.391G	100	5.419G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.335G	2	5.279G	3	5.409G	4	5.591G
5	5.449G	6	5.372G	7	5.698G	8	5.488G
9	5.711G	10	5.349G	11	5.504G	12	5.389G
13	5.693G	14	5.724G	15	5.688G	16	5.677G
17	5.427G	18	5.400G	19	5.408G	20	5.630G
21	5.421G	22	5.351G	23	5.384G	24	5.539G
25	5.470G	26	5.433G	27	5.594G	28	5.358G
29	5.516G	30	5.695G	31	5.283G	32	5.567G
33	5.662G	34	5.687G	35	5.387G	36	5.286G
37	5.692G	38	5.289G	39	5.263G	40	5.524G
41	5.480G	42	5.555G	43	5.533G	44	5.685G
45	5.571G	46	5.673G	47	5.601G	48	5.613G
49	5.434G	50	5.336G	51	5.432G	52	5.355G
53	5.292G	54	5.535G	55	5.293G	56	5.402G
57	5.624G	58	5.312G	59	5.458G	60	5.258G
61	5.288G	62	5.318G	63	5.469G	64	5.543G
65	5.284G	66	5.250G	67	5.334G	68	5.712G
69	5.708G	70	5.495G	71	5.394G	72	5.626G
73	5.716G	74	5.486G	75	5.399G	76	5.661G
77	5.442G	78	5.315G	79	5.491G	80	5.635G
81	5.373G	82	5.599G	83	5.713G	84	5.689G
85	5.592G	86	5.300G	87	5.407G	88	5.482G
89	5.479G	90	5.271G	91	5.252G	92	5.657G
93	5.720G	94	5.361G	95	5.575G	96	5.505G
97	5.605G	98	5.569G	99	5.699G	100	5.357G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.557G	2	5.354G	3	5.510G	4	5.472G
5	5.486G	6	5.599G	7	5.507G	8	5.674G
9	5.588G	10	5.642G	11	5.384G	12	5.643G
13	5.438G	14	5.504G	15	5.368G	16	5.379G
17	5.597G	18	5.272G	19	5.627G	20	5.309G
21	5.686G	22	5.473G	23	5.447G	24	5.437G
25	5.459G	26	5.441G	27	5.339G	28	5.399G
29	5.414G	30	5.422G	31	5.471G	32	5.549G
33	5.365G	34	5.427G	35	5.589G	36	5.457G
37	5.250G	38	5.560G	39	5.509G	40	5.362G
41	5.622G	42	5.286G	43	5.446G	44	5.647G
45	5.251G	46	5.381G	47	5.723G	48	5.639G
49	5.319G	50	5.341G	51	5.493G	52	5.275G
53	5.649G	54	5.301G	55	5.421G	56	5.546G
57	5.376G	58	5.646G	59	5.351G	60	5.453G
61	5.383G	62	5.566G	63	5.574G	64	5.634G
65	5.334G	66	5.335G	67	5.681G	68	5.288G
69	5.629G	70	5.416G	71	5.697G	72	5.675G
73	5.324G	74	5.570G	75	5.415G	76	5.534G
77	5.495G	78	5.367G	79	5.442G	80	5.269G
81	5.363G	82	5.332G	83	5.718G	84	5.496G
85	5.326G	86	5.502G	87	5.462G	88	5.338G
89	5.568G	90	5.274G	91	5.487G	92	5.400G
93	5.340G	94	5.703G	95	5.308G	96	5.617G
97	5.467G	98	5.481G	99	5.408G	100	5.527G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.715G	2	5.416G	3	5.503G	4	5.268G
5	5.522G	6	5.386G	7	5.393G	8	5.701G
9	5.603G	10	5.536G	11	5.609G	12	5.674G
13	5.322G	14	5.628G	15	5.371G	16	5.296G

17	5.523G	18	5.307G	19	5.667G	20	5.562G
21	5.716G	22	5.624G	23	5.526G	24	5.445G
25	5.286G	26	5.396G	27	5.613G	28	5.413G
29	5.290G	30	5.453G	31	5.653G	32	5.534G
33	5.449G	34	5.508G	35	5.622G	36	5.302G
37	5.610G	38	5.528G	39	5.267G	40	5.274G
41	5.563G	42	5.575G	43	5.460G	44	5.565G
45	5.553G	46	5.279G	47	5.649G	48	5.581G
49	5.295G	50	5.527G	51	5.507G	52	5.510G
53	5.498G	54	5.555G	55	5.350G	56	5.437G
57	5.487G	58	5.712G	59	5.645G	60	5.646G
61	5.480G	62	5.404G	63	5.580G	64	5.304G
65	5.361G	66	5.431G	67	5.492G	68	5.556G
69	5.261G	70	5.722G	71	5.489G	72	5.567G
73	5.547G	74	5.506G	75	5.647G	76	5.641G
77	5.482G	78	5.379G	79	5.584G	80	5.277G
81	5.402G	82	5.656G	83	5.419G	84	5.280G
85	5.356G	86	5.615G	87	5.317G	88	5.644G
89	5.633G	90	5.600G	91	5.474G	92	5.446G
93	5.626G	94	5.363G	95	5.335G	96	5.518G
97	5.625G	98	5.458G	99	5.512G	100	5.385G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.570G	2	5.686G	3	5.303G	4	5.475G
5	5.452G	6	5.665G	7	5.585G	8	5.709G
9	5.344G	10	5.685G	11	5.315G	12	5.291G
13	5.612G	14	5.443G	15	5.365G	16	5.527G
17	5.262G	18	5.597G	19	5.460G	20	5.639G
21	5.415G	22	5.592G	23	5.277G	24	5.550G
25	5.510G	26	5.252G	27	5.502G	28	5.371G
29	5.485G	30	5.551G	31	5.573G	32	5.423G
33	5.651G	34	5.354G	35	5.619G	36	5.604G
37	5.429G	38	5.450G	39	5.589G	40	5.465G
41	5.642G	42	5.323G	43	5.489G	44	5.362G
45	5.541G	46	5.716G	47	5.404G	48	5.266G

49	5.357G	50	5.383G	51	5.313G	52	5.464G
53	5.408G	54	5.395G	55	5.342G	56	5.372G
57	5.436G	58	5.506G	59	5.547G	60	5.382G
61	5.717G	62	5.483G	63	5.476G	64	5.498G
65	5.525G	66	5.420G	67	5.611G	68	5.314G
69	5.625G	70	5.528G	71	5.655G	72	5.417G
73	5.523G	74	5.468G	75	5.711G	76	5.622G
77	5.289G	78	5.398G	79	5.563G	80	5.705G
81	5.334G	82	5.311G	83	5.276G	84	5.445G
85	5.279G	86	5.623G	87	5.630G	88	5.519G
89	5.514G	90	5.713G	91	5.499G	92	5.255G
93	5.346G	94	5.422G	95	5.271G	96	5.471G
97	5.520G	98	5.682G	99	5.331G	100	5.274G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.692G	2	5.631G	3	5.695G	4	5.355G
5	5.560G	6	5.434G	7	5.314G	8	5.372G
9	5.307G	10	5.281G	11	5.320G	12	5.639G
13	5.722G	14	5.295G	15	5.336G	16	5.538G
17	5.619G	18	5.696G	19	5.520G	20	5.449G
21	5.565G	22	5.410G	23	5.416G	24	5.620G
25	5.359G	26	5.265G	27	5.366G	28	5.316G
29	5.614G	30	5.721G	31	5.369G	32	5.502G
33	5.637G	34	5.418G	35	5.358G	36	5.406G
37	5.628G	38	5.350G	39	5.392G	40	5.624G
41	5.682G	42	5.584G	43	5.326G	44	5.710G
45	5.564G	46	5.362G	47	5.365G	48	5.493G
49	5.472G	50	5.417G	51	5.383G	52	5.598G
53	5.640G	54	5.514G	55	5.476G	56	5.464G
57	5.258G	58	5.600G	59	5.648G	60	5.428G
61	5.714G	62	5.563G	63	5.511G	64	5.504G
65	5.415G	66	5.551G	67	5.360G	68	5.364G
69	5.540G	70	5.426G	71	5.609G	72	5.303G
73	5.705G	74	5.669G	75	5.381G	76	5.618G
77	5.409G	78	5.436G	79	5.465G	80	5.371G

81	5.315G	82	5.509G	83	5.251G	84	5.422G
85	5.591G	86	5.704G	87	5.462G	88	5.571G
89	5.480G	90	5.534G	91	5.604G	92	5.617G
93	5.266G	94	5.405G	95	5.699G	96	5.542G
97	5.583G	98	5.429G	99	5.455G	100	5.566G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.300G	2	5.601G	3	5.543G	4	5.663G
5	5.672G	6	5.333G	7	5.251G	8	5.694G
9	5.296G	10	5.546G	11	5.651G	12	5.580G
13	5.609G	14	5.255G	15	5.389G	16	5.331G
17	5.649G	18	5.480G	19	5.494G	20	5.262G
21	5.280G	22	5.662G	23	5.286G	24	5.684G
25	5.723G	26	5.449G	27	5.564G	28	5.308G
29	5.525G	30	5.719G	31	5.485G	32	5.716G
33	5.460G	34	5.659G	35	5.320G	36	5.334G
37	5.269G	38	5.691G	39	5.274G	40	5.602G
41	5.473G	42	5.417G	43	5.376G	44	5.624G
45	5.455G	46	5.491G	47	5.384G	48	5.548G
49	5.704G	50	5.617G	51	5.463G	52	5.397G
53	5.582G	54	5.541G	55	5.346G	56	5.706G
57	5.655G	58	5.457G	59	5.524G	60	5.501G
61	5.608G	62	5.500G	63	5.613G	64	5.616G
65	5.344G	66	5.342G	67	5.432G	68	5.592G
69	5.482G	70	5.685G	71	5.254G	72	5.355G
73	5.268G	74	5.295G	75	5.423G	76	5.681G
77	5.702G	78	5.270G	79	5.358G	80	5.657G
81	5.631G	82	5.361G	83	5.492G	84	5.687G
85	5.435G	86	5.669G	87	5.629G	88	5.641G
89	5.724G	90	5.664G	91	5.510G	92	5.446G
93	5.356G	94	5.375G	95	5.508G	96	5.633G
97	5.636G	98	5.567G	99	5.388G	100	5.709G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency	SEQ#	Frequency	SEQ#	Frequency	SEQ#	Frequency

	(Hz)		(Hz)		(Hz)		(Hz)
1	5.337G	2	5.545G	3	5.663G	4	5.639G
5	5.275G	6	5.392G	7	5.441G	8	5.382G
9	5.436G	10	5.458G	11	5.293G	12	5.704G
13	5.691G	14	5.570G	15	5.571G	16	5.318G
17	5.395G	18	5.499G	19	5.273G	20	5.467G
21	5.292G	22	5.457G	23	5.438G	24	5.389G
25	5.488G	26	5.614G	27	5.340G	28	5.426G
29	5.575G	30	5.546G	31	5.505G	32	5.484G
33	5.497G	34	5.385G	35	5.325G	36	5.702G
37	5.435G	38	5.281G	39	5.429G	40	5.277G
41	5.321G	42	5.523G	43	5.641G	44	5.280G
45	5.268G	46	5.473G	47	5.599G	48	5.490G
49	5.364G	50	5.620G	51	5.690G	52	5.476G
53	5.464G	54	5.347G	55	5.468G	56	5.269G
57	5.362G	58	5.656G	59	5.352G	60	5.598G
61	5.581G	62	5.677G	63	5.513G	64	5.645G
65	5.492G	66	5.559G	67	5.410G	68	5.311G
69	5.605G	70	5.363G	71	5.294G	72	5.720G
73	5.664G	74	5.303G	75	5.306G	76	5.322G
77	5.459G	78	5.462G	79	5.350G	80	5.650G
81	5.518G	82	5.602G	83	5.422G	84	5.255G
85	5.349G	86	5.589G	87	5.673G	88	5.433G
89	5.592G	90	5.500G	91	5.308G	92	5.522G
93	5.359G	94	5.684G	95	5.706G	96	5.394G
97	5.411G	98	5.301G	99	5.536G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.694G	2	5.396G	3	5.599G	4	5.433G
5	5.518G	6	5.558G	7	5.597G	8	5.641G
9	5.358G	10	5.273G	11	5.585G	12	5.648G
13	5.464G	14	5.327G	15	5.687G	16	5.579G
17	5.710G	18	5.507G	19	5.574G	20	5.535G
21	5.472G	22	5.329G	23	5.444G	24	5.402G
25	5.504G	26	5.345G	27	5.251G	28	5.501G

29	5.521G	30	5.466G	31	5.651G	32	5.652G
33	5.623G	34	5.699G	35	5.642G	36	5.635G
37	5.388G	38	5.283G	39	5.611G	40	5.479G
41	5.404G	42	5.532G	43	5.305G	44	5.555G
45	5.716G	46	5.573G	47	5.392G	48	5.410G
49	5.605G	50	5.499G	51	5.720G	52	5.266G
53	5.290G	54	5.477G	55	5.671G	56	5.265G
57	5.602G	58	5.629G	59	5.539G	60	5.649G
61	5.427G	62	5.352G	63	5.348G	64	5.319G
65	5.633G	66	5.541G	67	5.566G	68	5.469G
69	5.645G	70	5.280G	71	5.432G	72	5.526G
73	5.372G	74	5.701G	75	5.529G	76	5.511G
77	5.692G	78	5.306G	79	5.409G	80	5.301G
81	5.422G	82	5.588G	83	5.333G	84	5.636G
85	5.679G	86	5.286G	87	5.376G	88	5.453G
89	5.693G	90	5.340G	91	5.321G	92	5.682G
93	5.436G	94	5.516G	95	5.324G	96	5.312G
97	5.335G	98	5.680G	99	5.657G	100	5.525G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.532G	2	5.525G	3	5.639G	4	5.420G
5	5.452G	6	5.588G	7	5.370G	8	5.666G
9	5.710G	10	5.546G	11	5.618G	12	5.537G
13	5.341G	14	5.545G	15	5.548G	16	5.428G
17	5.581G	18	5.433G	19	5.330G	20	5.252G
21	5.699G	22	5.460G	23	5.320G	24	5.722G
25	5.299G	26	5.461G	27	5.379G	28	5.579G
29	5.289G	30	5.516G	31	5.281G	32	5.705G
33	5.274G	34	5.691G	35	5.390G	36	5.453G
37	5.605G	38	5.576G	39	5.368G	40	5.312G
41	5.657G	42	5.251G	43	5.700G	44	5.599G
45	5.389G	46	5.587G	47	5.441G	48	5.393G
49	5.396G	50	5.558G	51	5.570G	52	5.696G
53	5.273G	54	5.712G	55	5.512G	56	5.324G
57	5.363G	58	5.536G	59	5.514G	60	5.637G

61	5.476G	62	5.526G	63	5.386G	64	5.724G
65	5.276G	66	5.353G	67	5.694G	68	5.604G
69	5.398G	70	5.406G	71	5.268G	72	5.651G
73	5.407G	74	5.552G	75	5.430G	76	5.351G
77	5.586G	78	5.255G	79	5.489G	80	5.491G
81	5.561G	82	5.437G	83	5.290G	84	5.286G
85	5.462G	86	5.601G	87	5.478G	88	5.253G
89	5.294G	90	5.563G	91	5.580G	92	5.467G
93	5.697G	94	5.585G	95	5.442G	96	5.271G
97	5.372G	98	5.358G	99	5.627G	100	5.573G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.494G	2	5.502G	3	5.265G	4	5.341G
5	5.587G	6	5.324G	7	5.651G	8	5.646G
9	5.388G	10	5.336G	11	5.375G	12	5.686G
13	5.446G	14	5.286G	15	5.438G	16	5.546G
17	5.605G	18	5.325G	19	5.397G	20	5.292G
21	5.687G	22	5.469G	23	5.419G	24	5.252G
25	5.250G	26	5.370G	27	5.301G	28	5.367G
29	5.433G	30	5.372G	31	5.669G	32	5.580G
33	5.436G	34	5.475G	35	5.693G	36	5.281G
37	5.632G	38	5.611G	39	5.684G	40	5.365G
41	5.304G	42	5.368G	43	5.429G	44	5.486G
45	5.568G	46	5.711G	47	5.618G	48	5.588G
49	5.679G	50	5.575G	51	5.523G	52	5.342G
53	5.552G	54	5.551G	55	5.542G	56	5.500G
57	5.600G	58	5.696G	59	5.437G	60	5.330G
61	5.378G	62	5.521G	63	5.333G	64	5.257G
65	5.474G	66	5.283G	67	5.556G	68	5.709G
69	5.589G	70	5.690G	71	5.519G	72	5.620G
73	5.569G	74	5.673G	75	5.456G	76	5.721G
77	5.510G	78	5.629G	79	5.595G	80	5.572G
81	5.671G	82	5.592G	83	5.454G	84	5.302G
85	5.549G	86	5.263G	87	5.633G	88	5.260G
89	5.358G	90	5.499G	91	5.347G	92	5.615G

93	5.295G	94	5.626G	95	5.635G	96	5.648G
97	5.562G	98	5.545G	99	5.363G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.480G	2	5.550G	3	5.317G	4	5.489G
5	5.302G	6	5.639G	7	5.281G	8	5.655G
9	5.584G	10	5.377G	11	5.644G	12	5.511G
13	5.466G	14	5.284G	15	5.717G	16	5.517G
17	5.339G	18	5.420G	19	5.452G	20	5.706G
21	5.676G	22	5.326G	23	5.437G	24	5.557G
25	5.528G	26	5.306G	27	5.615G	28	5.330G
29	5.458G	30	5.634G	31	5.361G	32	5.618G
33	5.402G	34	5.659G	35	5.414G	36	5.373G
37	5.356G	38	5.716G	39	5.670G	40	5.555G
41	5.464G	42	5.498G	43	5.305G	44	5.496G
45	5.697G	46	5.544G	47	5.718G	48	5.411G
49	5.581G	50	5.380G	51	5.470G	52	5.625G
53	5.474G	54	5.512G	55	5.565G	56	5.390G
57	5.471G	58	5.477G	59	5.694G	60	5.312G
61	5.638G	62	5.448G	63	5.265G	64	5.304G
65	5.325G	66	5.340G	67	5.617G	68	5.428G
69	5.486G	70	5.445G	71	5.570G	72	5.499G
73	5.668G	74	5.711G	75	5.522G	76	5.707G
77	5.621G	78	5.258G	79	5.319G	80	5.594G
81	5.721G	82	5.401G	83	5.275G	84	5.327G
85	5.684G	86	5.627G	87	5.666G	88	5.364G
89	5.588G	90	5.423G	91	5.314G	92	5.646G
93	5.609G	94	5.495G	95	5.505G	96	5.371G
97	5.378G	98	5.571G	99	5.267G	100	5.294G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.433G	2	5.444G	3	5.650G	4	5.526G
5	5.502G	6	5.578G	7	5.633G	8	5.535G

9	5.525G	10	5.453G	11	5.408G	12	5.252G
13	5.335G	14	5.314G	15	5.476G	16	5.488G
17	5.381G	18	5.466G	19	5.486G	20	5.465G
21	5.402G	22	5.388G	23	5.417G	24	5.359G
25	5.594G	26	5.581G	27	5.682G	28	5.516G
29	5.687G	30	5.534G	31	5.382G	32	5.627G
33	5.303G	34	5.553G	35	5.318G	36	5.674G
37	5.622G	38	5.681G	39	5.663G	40	5.629G
41	5.375G	42	5.256G	43	5.436G	44	5.442G
45	5.504G	46	5.557G	47	5.283G	48	5.396G
49	5.548G	50	5.491G	51	5.560G	52	5.524G
53	5.659G	54	5.518G	55	5.684G	56	5.700G
57	5.694G	58	5.308G	59	5.641G	60	5.686G
61	5.704G	62	5.645G	63	5.360G	64	5.251G
65	5.520G	66	5.685G	67	5.723G	68	5.443G
69	5.519G	70	5.537G	71	5.693G	72	5.306G
73	5.485G	74	5.374G	75	5.324G	76	5.469G
77	5.377G	78	5.281G	79	5.334G	80	5.427G
81	5.527G	82	5.562G	83	5.540G	84	5.559G
85	5.495G	86	5.699G	87	5.386G	88	5.490G
89	5.446G	90	5.398G	91	5.387G	92	5.270G
93	5.696G	94	5.618G	95	5.362G	96	5.625G
97	5.636G	98	5.333G	99	5.370G	100	5.635G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.658G	2	5.621G	3	5.315G	4	5.292G
5	5.397G	6	5.404G	7	5.559G	8	5.419G
9	5.319G	10	5.432G	11	5.626G	12	5.288G
13	5.301G	14	5.424G	15	5.331G	16	5.444G
17	5.276G	18	5.411G	19	5.457G	20	5.587G
21	5.258G	22	5.325G	23	5.588G	24	5.524G
25	5.590G	26	5.498G	27	5.256G	28	5.263G
29	5.724G	30	5.604G	31	5.671G	32	5.311G
33	5.441G	34	5.352G	35	5.414G	36	5.591G
37	5.402G	38	5.574G	39	5.416G	40	5.595G

41	5.639G	42	5.508G	43	5.686G	44	5.310G
45	5.680G	46	5.420G	47	5.600G	48	5.718G
49	5.597G	50	5.278G	51	5.328G	52	5.714G
53	5.447G	54	5.425G	55	5.346G	56	5.380G
57	5.715G	58	5.478G	59	5.702G	60	5.455G
61	5.378G	62	5.453G	63	5.463G	64	5.413G
65	5.497G	66	5.365G	67	5.684G	68	5.540G
69	5.647G	70	5.691G	71	5.583G	72	5.573G
73	5.555G	74	5.385G	75	5.664G	76	5.557G
77	5.538G	78	5.619G	79	5.662G	80	5.607G
81	5.262G	82	5.461G	83	5.677G	84	5.690G
85	5.334G	86	5.640G	87	5.490G	88	5.282G
89	5.589G	90	5.322G	91	5.415G	92	5.682G
93	5.650G	94	5.532G	95	5.526G	96	5.456G
97	5.685G	98	5.486G	99	5.562G	100	5.268G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.380G	3	5.355G	4	5.413G
5	5.423G	6	5.634G	7	5.481G	8	5.538G
9	5.557G	10	5.524G	11	5.702G	12	5.708G
13	5.480G	14	5.283G	15	5.611G	16	5.332G
17	5.286G	18	5.706G	19	5.410G	20	5.590G
21	5.285G	22	5.601G	23	5.560G	24	5.454G
25	5.672G	26	5.654G	27	5.309G	28	5.665G
29	5.373G	30	5.575G	31	5.494G	32	5.586G
33	5.683G	34	5.404G	35	5.374G	36	5.529G
37	5.382G	38	5.495G	39	5.272G	40	5.610G
41	5.599G	42	5.582G	43	5.327G	44	5.395G
45	5.455G	46	5.488G	47	5.392G	48	5.699G
49	5.357G	50	5.457G	51	5.521G	52	5.571G
53	5.558G	54	5.504G	55	5.350G	56	5.580G
57	5.409G	58	5.320G	59	5.482G	60	5.551G
61	5.372G	62	5.408G	63	5.546G	64	5.644G
65	5.518G	66	5.279G	67	5.626G	68	5.663G
69	5.325G	70	5.446G	71	5.641G	72	5.428G

73	5.613G	74	5.343G	75	5.662G	76	5.267G
77	5.338G	78	5.429G	79	5.281G	80	5.587G
81	5.414G	82	5.588G	83	5.612G	84	5.351G
85	5.334G	86	5.473G	87	5.388G	88	5.323G
89	5.311G	90	5.420G	91	5.687G	92	5.252G
93	5.554G	94	5.532G	95	5.520G	96	5.450G
97	5.250G	98	5.312G	99	5.537G	100	5.681G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.298G	2	5.291G	3	5.438G	4	5.412G
5	5.710G	6	5.623G	7	5.253G	8	5.403G
9	5.465G	10	5.603G	11	5.671G	12	5.677G
13	5.341G	14	5.575G	15	5.700G	16	5.513G
17	5.334G	18	5.565G	19	5.602G	20	5.490G
21	5.489G	22	5.706G	23	5.391G	24	5.505G
25	5.445G	26	5.271G	27	5.451G	28	5.521G
29	5.443G	30	5.503G	31	5.378G	32	5.407G
33	5.702G	34	5.492G	35	5.716G	36	5.462G
37	5.367G	38	5.532G	39	5.313G	40	5.568G
41	5.457G	42	5.512G	43	5.526G	44	5.448G
45	5.260G	46	5.610G	47	5.349G	48	5.488G
49	5.546G	50	5.431G	51	5.621G	52	5.394G
53	5.593G	54	5.357G	55	5.600G	56	5.718G
57	5.250G	58	5.536G	59	5.425G	60	5.651G
61	5.471G	62	5.328G	63	5.551G	64	5.325G
65	5.484G	66	5.257G	67	5.516G	68	5.315G
69	5.312G	70	5.676G	71	5.429G	72	5.658G
73	5.361G	74	5.455G	75	5.715G	76	5.454G
77	5.292G	78	5.293G	79	5.607G	80	5.491G
81	5.632G	82	5.380G	83	5.464G	84	5.339G
85	5.265G	86	5.332G	87	5.501G	88	5.420G
89	5.288G	90	5.338G	91	5.708G	92	5.500G
93	5.535G	94	5.336G	95	5.606G	96	5.277G
97	5.297G	98	5.347G	99	5.428G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.457G	2	5.606G	3	5.643G	4	5.385G
5	5.359G	6	5.300G	7	5.705G	8	5.516G
9	5.664G	10	5.540G	11	5.467G	12	5.524G
13	5.689G	14	5.517G	15	5.408G	16	5.473G
17	5.554G	18	5.253G	19	5.341G	20	5.709G
21	5.308G	22	5.616G	23	5.425G	24	5.316G
25	5.426G	26	5.564G	27	5.532G	28	5.507G
29	5.432G	30	5.347G	31	5.596G	32	5.447G
33	5.419G	34	5.281G	35	5.671G	36	5.427G
37	5.499G	38	5.417G	39	5.510G	40	5.323G
41	5.333G	42	5.340G	43	5.339G	44	5.519G
45	5.520G	46	5.583G	47	5.319G	48	5.617G
49	5.442G	50	5.605G	51	5.556G	52	5.441G
53	5.423G	54	5.259G	55	5.402G	56	5.560G
57	5.655G	58	5.672G	59	5.570G	60	5.378G
61	5.375G	62	5.250G	63	5.491G	64	5.508G
65	5.460G	66	5.266G	67	5.607G	68	5.327G
69	5.626G	70	5.464G	71	5.381G	72	5.511G
73	5.527G	74	5.715G	75	5.396G	76	5.551G
77	5.639G	78	5.498G	79	5.724G	80	5.406G
81	5.625G	82	5.346G	83	5.474G	84	5.404G
85	5.542G	86	5.669G	87	5.365G	88	5.334G
89	5.366G	90	5.629G	91	5.566G	92	5.707G
93	5.571G	94	5.533G	95	5.355G	96	5.387G
97	5.553G	98	5.384G	99	5.698G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.575G	2	5.626G	3	5.353G	4	5.711G
5	5.333G	6	5.310G	7	5.622G	8	5.449G
9	5.365G	10	5.266G	11	5.428G	12	5.640G
13	5.271G	14	5.508G	15	5.360G	16	5.662G
17	5.699G	18	5.442G	19	5.342G	20	5.309G

21	5.724G	22	5.593G	23	5.494G	24	5.377G
25	5.621G	26	5.650G	27	5.500G	28	5.414G
29	5.679G	30	5.437G	31	5.493G	32	5.697G
33	5.435G	34	5.253G	35	5.363G	36	5.301G
37	5.282G	38	5.361G	39	5.696G	40	5.644G
41	5.330G	42	5.512G	43	5.666G	44	5.591G
45	5.319G	46	5.505G	47	5.659G	48	5.570G
49	5.345G	50	5.433G	51	5.459G	52	5.571G
53	5.671G	54	5.292G	55	5.481G	56	5.631G
57	5.400G	58	5.311G	59	5.348G	60	5.661G
61	5.688G	62	5.670G	63	5.487G	64	5.636G
65	5.677G	66	5.395G	67	5.286G	68	5.473G
69	5.429G	70	5.371G	71	5.555G	72	5.663G
73	5.656G	74	5.427G	75	5.384G	76	5.474G
77	5.684G	78	5.385G	79	5.669G	80	5.358G
81	5.318G	82	5.551G	83	5.339G	84	5.329G
85	5.406G	86	5.519G	87	5.685G	88	5.614G
89	5.578G	90	5.317G	91	5.562G	92	5.274G
93	5.629G	94	5.664G	95	5.510G	96	5.520G
97	5.464G	98	5.420G	99	5.709G	100	5.392G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.311G	2	5.444G	3	5.604G	4	5.701G
5	5.380G	6	5.360G	7	5.467G	8	5.435G
9	5.667G	10	5.285G	11	5.681G	12	5.481G
13	5.510G	14	5.632G	15	5.704G	16	5.335G
17	5.353G	18	5.297G	19	5.715G	20	5.363G
21	5.355G	22	5.655G	23	5.647G	24	5.587G
25	5.506G	26	5.443G	27	5.685G	28	5.682G
29	5.372G	30	5.546G	31	5.418G	32	5.344G
33	5.686G	34	5.450G	35	5.601G	36	5.586G
37	5.286G	38	5.528G	39	5.397G	40	5.621G
41	5.660G	42	5.376G	43	5.634G	44	5.574G
45	5.290G	46	5.449G	47	5.294G	48	5.252G
49	5.436G	50	5.643G	51	5.623G	52	5.517G

53	5.599G	54	5.354G	55	5.288G	56	5.600G
57	5.373G	58	5.575G	59	5.283G	60	5.390G
61	5.437G	62	5.357G	63	5.405G	64	5.377G
65	5.356G	66	5.552G	67	5.280G	68	5.523G
69	5.262G	70	5.555G	71	5.584G	72	5.694G
73	5.386G	74	5.388G	75	5.287G	76	5.442G
77	5.626G	78	5.696G	79	5.317G	80	5.568G
81	5.277G	82	5.349G	83	5.381G	84	5.332G
85	5.341G	86	5.375G	87	5.663G	88	5.557G
89	5.480G	90	5.619G	91	5.447G	92	5.433G
93	5.305G	94	5.659G	95	5.382G	96	5.702G
97	5.678G	98	5.675G	99	5.414G	100	5.499G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.351G	2	5.607G	3	5.266G	4	5.453G
5	5.597G	6	5.589G	7	5.524G	8	5.509G
9	5.545G	10	5.689G	11	5.594G	12	5.486G
13	5.659G	14	5.284G	15	5.446G	16	5.297G
17	5.301G	18	5.363G	19	5.703G	20	5.334G
21	5.559G	22	5.507G	23	5.652G	24	5.553G
25	5.426G	26	5.476G	27	5.688G	28	5.478G
29	5.636G	30	5.644G	31	5.469G	32	5.618G
33	5.264G	34	5.291G	35	5.406G	36	5.540G
37	5.421G	38	5.626G	39	5.653G	40	5.583G
41	5.528G	42	5.444G	43	5.279G	44	5.674G
45	5.359G	46	5.340G	47	5.648G	48	5.654G
49	5.313G	50	5.401G	51	5.515G	52	5.414G
53	5.699G	54	5.701G	55	5.669G	56	5.529G
57	5.564G	58	5.704G	59	5.723G	60	5.367G
61	5.543G	62	5.620G	63	5.415G	64	5.602G
65	5.463G	66	5.338G	67	5.535G	68	5.514G
69	5.690G	70	5.517G	71	5.306G	72	5.627G
73	5.276G	74	5.643G	75	5.554G	76	5.670G
77	5.318G	78	5.428G	79	5.615G	80	5.445G
81	5.640G	82	5.369G	83	5.650G	84	5.573G

85	5.492G	86	5.390G	87	5.682G	88	5.253G
89	5.707G	90	5.332G	91	5.450G	92	5.419G
93	5.438G	94	5.275G	95	5.588G	96	5.370G
97	5.661G	98	5.609G	99	5.403G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.568G	2	5.643G	3	5.663G	4	5.455G
5	5.721G	6	5.717G	7	5.684G	8	5.296G
9	5.410G	10	5.599G	11	5.438G	12	5.291G
13	5.601G	14	5.418G	15	5.584G	16	5.656G
17	5.316G	18	5.645G	19	5.343G	20	5.533G
21	5.631G	22	5.390G	23	5.624G	24	5.425G
25	5.285G	26	5.298G	27	5.610G	28	5.370G
29	5.378G	30	5.332G	31	5.262G	32	5.567G
33	5.628G	34	5.561G	35	5.661G	36	5.685G
37	5.385G	38	5.264G	39	5.452G	40	5.576G
41	5.676G	42	5.436G	43	5.473G	44	5.569G
45	5.642G	46	5.278G	47	5.539G	48	5.557G
49	5.272G	50	5.715G	51	5.507G	52	5.456G
53	5.334G	54	5.590G	55	5.703G	56	5.397G
57	5.708G	58	5.387G	59	5.335G	60	5.594G
61	5.523G	62	5.664G	63	5.578G	64	5.617G
65	5.421G	66	5.486G	67	5.705G	68	5.668G
69	5.250G	70	5.424G	71	5.259G	72	5.640G
73	5.449G	74	5.266G	75	5.572G	76	5.724G
77	5.618G	78	5.622G	79	5.419G	80	5.646G
81	5.277G	82	5.398G	83	5.516G	84	5.595G
85	5.588G	86	5.694G	87	5.529G	88	5.375G
89	5.553G	90	5.633G	91	5.566G	92	5.562G
93	5.700G	94	5.654G	95	5.435G	96	5.688G
97	5.451G	98	5.388G	99	5.267G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)

1	5.340G	2	5.375G	3	5.303G	4	5.498G
5	5.463G	6	5.341G	7	5.655G	8	5.424G
9	5.615G	10	5.650G	11	5.446G	12	5.693G
13	5.602G	14	5.701G	15	5.290G	16	5.474G
17	5.583G	18	5.430G	19	5.421G	20	5.680G
21	5.637G	22	5.461G	23	5.330G	24	5.503G
25	5.639G	26	5.452G	27	5.317G	28	5.657G
29	5.462G	30	5.512G	31	5.586G	32	5.678G
33	5.342G	34	5.601G	35	5.696G	36	5.263G
37	5.490G	38	5.688G	39	5.695G	40	5.714G
41	5.566G	42	5.355G	43	5.270G	44	5.356G
45	5.579G	46	5.327G	47	5.681G	48	5.663G
49	5.712G	50	5.346G	51	5.692G	52	5.366G
53	5.427G	54	5.524G	55	5.428G	56	5.310G
57	5.518G	58	5.321G	59	5.382G	60	5.542G
61	5.277G	62	5.488G	63	5.485G	64	5.363G
65	5.384G	66	5.656G	67	5.477G	68	5.456G
69	5.258G	70	5.438G	71	5.284G	72	5.684G
73	5.706G	74	5.251G	75	5.721G	76	5.690G
77	5.268G	78	5.436G	79	5.685G	80	5.391G
81	5.489G	82	5.417G	83	5.635G	84	5.630G
85	5.403G	86	5.683G	87	5.458G	88	5.679G
89	5.481G	90	5.333G	91	5.641G	92	5.411G
93	5.501G	94	5.437G	95	5.669G	96	5.633G
97	5.314G	98	5.578G	99	5.442G	100	5.254G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.513G	2	5.294G	3	5.517G	4	5.675G
5	5.387G	6	5.492G	7	5.618G	8	5.443G
9	5.418G	10	5.332G	11	5.389G	12	5.557G
13	5.339G	14	5.628G	15	5.340G	16	5.341G
17	5.356G	18	5.527G	19	5.472G	20	5.300G
21	5.719G	22	5.561G	23	5.612G	24	5.432G
25	5.398G	26	5.393G	27	5.700G	28	5.692G
29	5.397G	30	5.683G	31	5.256G	32	5.532G

33	5.330G	34	5.486G	35	5.511G	36	5.437G
37	5.452G	38	5.264G	39	5.342G	40	5.305G
41	5.556G	42	5.662G	43	5.303G	44	5.528G
45	5.698G	46	5.395G	47	5.701G	48	5.679G
49	5.499G	50	5.423G	51	5.651G	52	5.540G
53	5.702G	54	5.575G	55	5.655G	56	5.289G
57	5.365G	58	5.447G	59	5.598G	60	5.645G
61	5.311G	62	5.570G	63	5.619G	64	5.534G
65	5.405G	66	5.363G	67	5.661G	68	5.694G
69	5.479G	70	5.370G	71	5.526G	72	5.668G
73	5.518G	74	5.255G	75	5.368G	76	5.693G
77	5.402G	78	5.383G	79	5.715G	80	5.401G
81	5.519G	82	5.507G	83	5.406G	84	5.544G
85	5.265G	86	5.670G	87	5.620G	88	5.497G
89	5.638G	90	5.712G	91	5.489G	92	5.375G
93	5.637G	94	5.677G	95	5.327G	96	5.510G
97	5.567G	98	5.640G	99	5.632G	100	5.334G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.374G	2	5.274G	3	5.493G	4	5.482G
5	5.570G	6	5.456G	7	5.449G	8	5.382G
9	5.396G	10	5.352G	11	5.296G	12	5.308G
13	5.491G	14	5.468G	15	5.323G	16	5.386G
17	5.481G	18	5.698G	19	5.637G	20	5.545G
21	5.576G	22	5.347G	23	5.505G	24	5.355G
25	5.532G	26	5.601G	27	5.435G	28	5.663G
29	5.337G	30	5.403G	31	5.280G	32	5.551G
33	5.557G	34	5.394G	35	5.605G	36	5.285G
37	5.476G	38	5.633G	39	5.609G	40	5.434G
41	5.486G	42	5.469G	43	5.616G	44	5.638G
45	5.299G	46	5.390G	47	5.350G	48	5.283G
49	5.473G	50	5.529G	51	5.706G	52	5.309G
53	5.568G	54	5.723G	55	5.459G	56	5.346G
57	5.709G	58	5.718G	59	5.667G	60	5.575G
61	5.598G	62	5.387G	63	5.411G	64	5.566G

65	5.442G	66	5.538G	67	5.490G	68	5.540G
69	5.307G	70	5.488G	71	5.251G	72	5.640G
73	5.560G	74	5.321G	75	5.537G	76	5.454G
77	5.563G	78	5.494G	79	5.497G	80	5.587G
81	5.629G	82	5.700G	83	5.354G	84	5.585G
85	5.271G	86	5.417G	87	5.519G	88	5.514G
89	5.621G	90	5.257G	91	5.704G	92	5.589G
93	5.607G	94	5.658G	95	5.690G	96	5.541G
97	5.525G	98	5.664G	99	5.487G	100	5.705G

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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	No
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	No
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	No
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: 90.0 %		

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.279G	2	5.628G	3	5.479G	4	5.389G
5	5.309G	6	5.378G	7	5.406G	8	5.497G
9	5.663G	10	5.495G	11	5.533G	12	5.676G
13	5.674G	14	5.386G	15	5.436G	16	5.713G
17	5.595G	18	5.512G	19	5.308G	20	5.637G
21	5.427G	22	5.454G	23	5.697G	24	5.318G
25	5.535G	26	5.296G	27	5.714G	28	5.382G
29	5.451G	30	5.438G	31	5.576G	32	5.250G
33	5.562G	34	5.516G	35	5.328G	36	5.450G
37	5.346G	38	5.330G	39	5.661G	40	5.397G
41	5.555G	42	5.500G	43	5.550G	44	5.514G
45	5.390G	46	5.307G	47	5.261G	48	5.285G
49	5.544G	50	5.487G	51	5.547G	52	5.489G
53	5.710G	54	5.350G	55	5.373G	56	5.384G
57	5.490G	58	5.299G	59	5.481G	60	5.484G
61	5.571G	62	5.679G	63	5.604G	64	5.607G
65	5.349G	66	5.524G	67	5.616G	68	5.589G
69	5.462G	70	5.292G	71	5.715G	72	5.546G
73	5.311G	74	5.608G	75	5.509G	76	5.334G
77	5.452G	78	5.412G	79	5.252G	80	5.399G
81	5.498G	82	5.429G	83	5.585G	84	5.511G
85	5.692G	86	5.542G	87	5.480G	88	5.324G
89	5.360G	90	5.581G	91	5.711G	92	5.709G
93	5.605G	94	5.552G	95	5.563G	96	5.570G

97	5.519G	98	5.646G	99	5.274G	100	5.272G
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Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.345G	2	5.356G	3	5.677G	4	5.302G
5	5.607G	6	5.589G	7	5.693G	8	5.454G
9	5.620G	10	5.428G	11	5.478G	12	5.420G
13	5.370G	14	5.333G	15	5.401G	16	5.287G
17	5.263G	18	5.572G	19	5.627G	20	5.574G
21	5.407G	22	5.412G	23	5.520G	24	5.629G
25	5.542G	26	5.292G	27	5.579G	28	5.380G
29	5.526G	30	5.656G	31	5.274G	32	5.699G
33	5.675G	34	5.681G	35	5.537G	36	5.724G
37	5.682G	38	5.439G	39	5.707G	40	5.625G
41	5.568G	42	5.434G	43	5.307G	44	5.271G
45	5.357G	46	5.320G	47	5.587G	48	5.256G
49	5.359G	50	5.437G	51	5.715G	52	5.624G
53	5.291G	54	5.450G	55	5.382G	56	5.522G
57	5.580G	58	5.259G	59	5.394G	60	5.456G
61	5.275G	62	5.630G	63	5.476G	64	5.502G
65	5.282G	66	5.641G	67	5.258G	68	5.592G
69	5.719G	70	5.538G	71	5.489G	72	5.392G
73	5.342G	74	5.571G	75	5.661G	76	5.335G
77	5.516G	78	5.569G	79	5.408G	80	5.309G
81	5.301G	82	5.593G	83	5.267G	84	5.269G
85	5.353G	86	5.379G	87	5.273G	88	5.505G
89	5.510G	90	5.316G	91	5.278G	92	5.460G
93	5.362G	94	5.293G	95	5.486G	96	5.549G
97	5.255G	98	5.566G	99	5.477G	100	5.349G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.621G	2	5.668G	3	5.326G	4	5.484G
5	5.316G	6	5.300G	7	5.450G	8	5.259G
9	5.650G	10	5.301G	11	5.430G	12	5.594G

13	5.516G	14	5.665G	15	5.356G	16	5.439G
17	5.379G	18	5.345G	19	5.295G	20	5.618G
21	5.521G	22	5.351G	23	5.473G	24	5.709G
25	5.267G	26	5.506G	27	5.346G	28	5.544G
29	5.630G	30	5.640G	31	5.584G	32	5.498G
33	5.639G	34	5.513G	35	5.626G	36	5.355G
37	5.670G	38	5.527G	39	5.365G	40	5.617G
41	5.354G	42	5.555G	43	5.325G	44	5.385G
45	5.515G	46	5.448G	47	5.613G	48	5.446G
49	5.557G	50	5.380G	51	5.459G	52	5.434G
53	5.537G	54	5.619G	55	5.460G	56	5.688G
57	5.721G	58	5.666G	59	5.458G	60	5.609G
61	5.307G	62	5.637G	63	5.644G	64	5.338G
65	5.671G	66	5.449G	67	5.543G	68	5.661G
69	5.638G	70	5.411G	71	5.548G	72	5.281G
73	5.471G	74	5.403G	75	5.485G	76	5.402G
77	5.585G	78	5.412G	79	5.261G	80	5.437G
81	5.254G	82	5.349G	83	5.507G	84	5.327G
85	5.275G	86	5.331G	87	5.364G	88	5.302G
89	5.387G	90	5.698G	91	5.333G	92	5.273G
93	5.578G	94	5.265G	95	5.645G	96	5.361G
97	5.251G	98	5.528G	99	5.320G	100	5.393G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.392G	2	5.609G	3	5.398G	4	5.420G
5	5.535G	6	5.714G	7	5.596G	8	5.403G
9	5.623G	10	5.558G	11	5.282G	12	5.500G
13	5.484G	14	5.305G	15	5.297G	16	5.425G
17	5.333G	18	5.601G	19	5.254G	20	5.374G
21	5.654G	22	5.264G	23	5.456G	24	5.344G
25	5.517G	26	5.526G	27	5.525G	28	5.565G
29	5.712G	30	5.435G	31	5.614G	32	5.552G
33	5.309G	34	5.709G	35	5.680G	36	5.292G
37	5.308G	38	5.606G	39	5.419G	40	5.373G
41	5.637G	42	5.268G	43	5.463G	44	5.430G

45	5.506G	46	5.564G	47	5.363G	48	5.389G
49	5.476G	50	5.449G	51	5.417G	52	5.595G
53	5.540G	54	5.533G	55	5.465G	56	5.453G
57	5.538G	58	5.319G	59	5.445G	60	5.490G
61	5.265G	62	5.492G	63	5.660G	64	5.280G
65	5.393G	66	5.695G	67	5.402G	68	5.470G
69	5.597G	70	5.397G	71	5.251G	72	5.391G
73	5.721G	74	5.591G	75	5.261G	76	5.462G
77	5.384G	78	5.250G	79	5.655G	80	5.514G
81	5.716G	82	5.471G	83	5.616G	84	5.273G
85	5.720G	86	5.718G	87	5.502G	88	5.562G
89	5.488G	90	5.452G	91	5.548G	92	5.710G
93	5.619G	94	5.434G	95	5.686G	96	5.481G
97	5.457G	98	5.455G	99	5.390G	100	5.483G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.480G	2	5.608G	3	5.347G	4	5.297G
5	5.529G	6	5.256G	7	5.346G	8	5.709G
9	5.676G	10	5.268G	11	5.433G	12	5.525G
13	5.680G	14	5.538G	15	5.354G	16	5.487G
17	5.477G	18	5.426G	19	5.392G	20	5.689G
21	5.673G	22	5.427G	23	5.563G	24	5.589G
25	5.336G	26	5.635G	27	5.602G	28	5.552G
29	5.430G	30	5.320G	31	5.307G	32	5.690G
33	5.654G	34	5.485G	35	5.508G	36	5.639G
37	5.576G	38	5.484G	39	5.667G	40	5.502G
41	5.301G	42	5.397G	43	5.342G	44	5.471G
45	5.447G	46	5.357G	47	5.267G	48	5.542G
49	5.367G	50	5.379G	51	5.321G	52	5.493G
53	5.398G	54	5.712G	55	5.299G	56	5.431G
57	5.681G	58	5.643G	59	5.361G	60	5.282G
61	5.713G	62	5.373G	63	5.705G	64	5.682G
65	5.665G	66	5.505G	67	5.696G	68	5.265G
69	5.661G	70	5.645G	71	5.324G	72	5.642G
73	5.699G	74	5.501G	75	5.600G	76	5.414G

77	5.325G	78	5.516G	79	5.616G	80	5.710G
81	5.274G	82	5.627G	83	5.546G	84	5.504G
85	5.553G	86	5.545G	87	5.554G	88	5.571G
89	5.286G	90	5.323G	91	5.492G	92	5.568G
93	5.389G	94	5.400G	95	5.497G	96	5.490G
97	5.263G	98	5.472G	99	5.644G	100	5.556G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.405G	2	5.558G	3	5.395G	4	5.255G
5	5.308G	6	5.375G	7	5.439G	8	5.359G
9	5.411G	10	5.594G	11	5.608G	12	5.313G
13	5.661G	14	5.589G	15	5.544G	16	5.251G
17	5.480G	18	5.267G	19	5.378G	20	5.288G
21	5.570G	22	5.445G	23	5.546G	24	5.645G
25	5.711G	26	5.697G	27	5.467G	28	5.670G
29	5.555G	30	5.698G	31	5.323G	32	5.620G
33	5.458G	34	5.524G	35	5.601G	36	5.400G
37	5.428G	38	5.450G	39	5.414G	40	5.695G
41	5.646G	42	5.373G	43	5.489G	44	5.694G
45	5.326G	46	5.680G	47	5.319G	48	5.642G
49	5.512G	50	5.629G	51	5.647G	52	5.270G
53	5.262G	54	5.482G	55	5.631G	56	5.385G
57	5.539G	58	5.461G	59	5.465G	60	5.254G
61	5.523G	62	5.652G	63	5.386G	64	5.273G
65	5.301G	66	5.287G	67	5.335G	68	5.406G
69	5.515G	70	5.363G	71	5.622G	72	5.338G
73	5.700G	74	5.706G	75	5.452G	76	5.696G
77	5.640G	78	5.261G	79	5.638G	80	5.382G
81	5.499G	82	5.299G	83	5.456G	84	5.427G
85	5.291G	86	5.609G	87	5.274G	88	5.672G
89	5.486G	90	5.712G	91	5.663G	92	5.449G
93	5.565G	94	5.639G	95	5.724G	96	5.592G
97	5.278G	98	5.436G	99	5.432G	100	5.290G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07
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SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.465G	2	5.504G	3	5.631G	4	5.254G
5	5.527G	6	5.682G	7	5.367G	8	5.256G
9	5.405G	10	5.403G	11	5.414G	12	5.620G
13	5.352G	14	5.269G	15	5.697G	16	5.299G
17	5.422G	18	5.684G	19	5.442G	20	5.628G
21	5.449G	22	5.724G	23	5.458G	24	5.434G
25	5.554G	26	5.529G	27	5.267G	28	5.636G
29	5.511G	30	5.553G	31	5.283G	32	5.281G
33	5.588G	34	5.359G	35	5.594G	36	5.469G
37	5.260G	38	5.584G	39	5.322G	40	5.619G
41	5.282G	42	5.353G	43	5.408G	44	5.380G
45	5.509G	46	5.368G	47	5.311G	48	5.413G
49	5.276G	50	5.573G	51	5.621G	52	5.304G
53	5.480G	54	5.436G	55	5.398G	56	5.532G
57	5.520G	58	5.337G	59	5.443G	60	5.585G
61	5.560G	62	5.540G	63	5.309G	64	5.335G
65	5.490G	66	5.320G	67	5.691G	68	5.316G
69	5.675G	70	5.295G	71	5.722G	72	5.672G
73	5.349G	74	5.314G	75	5.287G	76	5.415G
77	5.648G	78	5.446G	79	5.478G	80	5.524G
81	5.424G	82	5.454G	83	5.252G	84	5.706G
85	5.612G	86	5.481G	87	5.547G	88	5.574G
89	5.592G	90	5.297G	91	5.543G	92	5.379G
93	5.300G	94	5.470G	95	5.640G	96	5.327G
97	5.686G	98	5.374G	99	5.392G	100	5.489G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.337G	2	5.711G	3	5.591G	4	5.653G
5	5.432G	6	5.640G	7	5.690G	8	5.313G
9	5.646G	10	5.449G	11	5.355G	12	5.578G
13	5.444G	14	5.665G	15	5.308G	16	5.548G
17	5.544G	18	5.558G	19	5.296G	20	5.483G
21	5.470G	22	5.260G	23	5.615G	24	5.546G

25	5.688G	26	5.433G	27	5.559G	28	5.522G
29	5.380G	30	5.648G	31	5.386G	32	5.384G
33	5.502G	34	5.346G	35	5.590G	36	5.393G
37	5.655G	38	5.671G	39	5.599G	40	5.700G
41	5.705G	42	5.681G	43	5.645G	44	5.566G
45	5.461G	46	5.397G	47	5.509G	48	5.265G
49	5.464G	50	5.402G	51	5.664G	52	5.505G
53	5.569G	54	5.627G	55	5.366G	56	5.685G
57	5.556G	58	5.259G	59	5.263G	60	5.708G
61	5.321G	62	5.611G	63	5.668G	64	5.496G
65	5.273G	66	5.712G	67	5.270G	68	5.434G
69	5.603G	70	5.374G	71	5.316G	72	5.333G
73	5.405G	74	5.572G	75	5.474G	76	5.398G
77	5.676G	78	5.423G	79	5.459G	80	5.573G
81	5.462G	82	5.392G	83	5.679G	84	5.695G
85	5.460G	86	5.290G	87	5.644G	88	5.542G
89	5.295G	90	5.552G	91	5.520G	92	5.714G
93	5.481G	94	5.515G	95	5.554G	96	5.536G
97	5.721G	98	5.616G	99	5.643G	100	5.629G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.406G	2	5.340G	3	5.298G	4	5.304G
5	5.445G	6	5.527G	7	5.722G	8	5.443G
9	5.487G	10	5.442G	11	5.608G	12	5.433G
13	5.389G	14	5.620G	15	5.662G	16	5.717G
17	5.632G	18	5.723G	19	5.459G	20	5.560G
21	5.416G	22	5.500G	23	5.353G	24	5.431G
25	5.646G	26	5.436G	27	5.467G	28	5.664G
29	5.548G	30	5.359G	31	5.616G	32	5.408G
33	5.356G	34	5.713G	35	5.601G	36	5.270G
37	5.368G	38	5.696G	39	5.432G	40	5.530G
41	5.358G	42	5.657G	43	5.680G	44	5.617G
45	5.365G	46	5.346G	47	5.324G	48	5.699G
49	5.644G	50	5.280G	51	5.299G	52	5.519G
53	5.718G	54	5.695G	55	5.351G	56	5.633G

57	5.606G	58	5.325G	59	5.682G	60	5.427G
61	5.281G	62	5.279G	63	5.497G	64	5.318G
65	5.526G	66	5.388G	67	5.313G	68	5.268G
69	5.477G	70	5.255G	71	5.404G	72	5.587G
73	5.596G	74	5.642G	75	5.521G	76	5.373G
77	5.567G	78	5.430G	79	5.294G	80	5.349G
81	5.458G	82	5.366G	83	5.504G	84	5.352G
85	5.334G	86	5.285G	87	5.338G	88	5.344G
89	5.647G	90	5.290G	91	5.419G	92	5.423G
93	5.339G	94	5.335G	95	5.476G	96	5.697G
97	5.629G	98	5.256G	99	5.719G	100	5.434G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.459G	2	5.499G	3	5.560G	4	5.335G
5	5.614G	6	5.394G	7	5.378G	8	5.691G
9	5.621G	10	5.576G	11	5.458G	12	5.430G
13	5.668G	14	5.477G	15	5.604G	16	5.284G
17	5.591G	18	5.715G	19	5.659G	20	5.592G
21	5.425G	22	5.712G	23	5.673G	24	5.600G
25	5.368G	26	5.271G	27	5.599G	28	5.649G
29	5.653G	30	5.573G	31	5.581G	32	5.253G
33	5.588G	34	5.257G	35	5.272G	36	5.489G
37	5.436G	38	5.471G	39	5.626G	40	5.267G
41	5.561G	42	5.679G	43	5.288G	44	5.407G
45	5.298G	46	5.362G	47	5.283G	48	5.512G
49	5.292G	50	5.527G	51	5.564G	52	5.688G
53	5.538G	54	5.475G	55	5.470G	56	5.540G
57	5.557G	58	5.693G	59	5.494G	60	5.602G
61	5.402G	62	5.332G	63	5.554G	64	5.416G
65	5.290G	66	5.348G	67	5.514G	68	5.620G
69	5.302G	70	5.387G	71	5.521G	72	5.719G
73	5.351G	74	5.536G	75	5.598G	76	5.537G
77	5.412G	78	5.641G	79	5.552G	80	5.718G
81	5.431G	82	5.289G	83	5.703G	84	5.652G
85	5.714G	86	5.364G	87	5.316G	88	5.311G

89	5.461G	90	5.633G	91	5.635G	92	5.317G
93	5.305G	94	5.371G	95	5.467G	96	5.406G
97	5.250G	98	5.640G	99	5.611G	100	5.262G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.440G	2	5.717G	3	5.355G	4	5.261G
5	5.517G	6	5.704G	7	5.376G	8	5.256G
9	5.413G	10	5.654G	11	5.314G	12	5.433G
13	5.296G	14	5.710G	15	5.446G	16	5.524G
17	5.602G	18	5.388G	19	5.632G	20	5.430G
21	5.409G	22	5.378G	23	5.525G	24	5.267G
25	5.341G	26	5.251G	27	5.397G	28	5.457G
29	5.396G	30	5.666G	31	5.715G	32	5.538G
33	5.563G	34	5.647G	35	5.593G	36	5.705G
37	5.642G	38	5.604G	39	5.271G	40	5.685G
41	5.410G	42	5.498G	43	5.609G	44	5.489G
45	5.404G	46	5.461G	47	5.483G	48	5.465G
49	5.605G	50	5.655G	51	5.380G	52	5.420G
53	5.509G	54	5.502G	55	5.452G	56	5.381G
57	5.384G	58	5.311G	59	5.402G	60	5.481G
61	5.364G	62	5.419G	63	5.640G	64	5.366G
65	5.343G	66	5.490G	67	5.585G	68	5.293G
69	5.519G	70	5.287G	71	5.686G	72	5.281G
73	5.455G	74	5.435G	75	5.424G	76	5.639G
77	5.429G	78	5.576G	79	5.623G	80	5.719G
81	5.579G	82	5.312G	83	5.565G	84	5.263G
85	5.299G	86	5.671G	87	5.460G	88	5.399G
89	5.405G	90	5.493G	91	5.475G	92	5.349G
93	5.629G	94	5.322G	95	5.438G	96	5.484G
97	5.661G	98	5.665G	99	5.445G	100	5.305G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.298G	2	5.710G	3	5.708G	4	5.333G

5	5.609G	6	5.714G	7	5.530G	8	5.723G
9	5.498G	10	5.375G	11	5.524G	12	5.701G
13	5.319G	14	5.705G	15	5.675G	16	5.672G
17	5.356G	18	5.559G	19	5.583G	20	5.678G
21	5.628G	22	5.511G	23	5.704G	24	5.416G
25	5.639G	26	5.401G	27	5.354G	28	5.268G
29	5.465G	30	5.322G	31	5.613G	32	5.566G
33	5.702G	34	5.569G	35	5.597G	36	5.303G
37	5.404G	38	5.554G	39	5.455G	40	5.256G
41	5.395G	42	5.713G	43	5.327G	44	5.590G
45	5.539G	46	5.538G	47	5.415G	48	5.344G
49	5.434G	50	5.720G	51	5.254G	52	5.291G
53	5.656G	54	5.383G	55	5.542G	56	5.467G
57	5.301G	58	5.688G	59	5.350G	60	5.518G
61	5.507G	62	5.452G	63	5.365G	64	5.591G
65	5.473G	66	5.693G	67	5.368G	68	5.338G
69	5.502G	70	5.697G	71	5.487G	72	5.417G
73	5.492G	74	5.587G	75	5.490G	76	5.622G
77	5.478G	78	5.592G	79	5.649G	80	5.366G
81	5.315G	82	5.608G	83	5.386G	84	5.286G
85	5.690G	86	5.276G	87	5.260G	88	5.531G
89	5.284G	90	5.699G	91	5.387G	92	5.440G
93	5.337G	94	5.571G	95	5.589G	96	5.529G
97	5.304G	98	5.342G	99	5.341G	100	5.261G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.525G	2	5.324G	3	5.408G	4	5.331G
5	5.643G	6	5.422G	7	5.252G	8	5.505G
9	5.368G	10	5.654G	11	5.693G	12	5.436G
13	5.456G	14	5.562G	15	5.342G	16	5.674G
17	5.565G	18	5.679G	19	5.647G	20	5.287G
21	5.500G	22	5.711G	23	5.305G	24	5.605G
25	5.663G	26	5.455G	27	5.426G	28	5.405G
29	5.585G	30	5.347G	31	5.268G	32	5.389G
33	5.381G	34	5.641G	35	5.281G	36	5.669G

37	5.297G	38	5.291G	39	5.518G	40	5.623G
41	5.614G	42	5.417G	43	5.309G	44	5.484G
45	5.559G	46	5.423G	47	5.618G	48	5.712G
49	5.689G	50	5.599G	51	5.685G	52	5.398G
53	5.351G	54	5.619G	55	5.529G	56	5.717G
57	5.352G	58	5.303G	59	5.390G	60	5.396G
61	5.621G	62	5.560G	63	5.263G	64	5.524G
65	5.625G	66	5.589G	67	5.709G	68	5.662G
69	5.667G	70	5.493G	71	5.280G	72	5.321G
73	5.631G	74	5.361G	75	5.382G	76	5.259G
77	5.349G	78	5.437G	79	5.431G	80	5.544G
81	5.577G	82	5.616G	83	5.421G	84	5.466G
85	5.720G	86	5.515G	87	5.283G	88	5.570G
89	5.443G	90	5.386G	91	5.558G	92	5.328G
93	5.310G	94	5.374G	95	5.330G	96	5.644G
97	5.473G	98	5.253G	99	5.481G	100	5.275G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.609G	2	5.603G	3	5.318G	4	5.498G
5	5.716G	6	5.271G	7	5.501G	8	5.306G
9	5.652G	10	5.310G	11	5.503G	12	5.651G
13	5.372G	14	5.478G	15	5.458G	16	5.344G
17	5.633G	18	5.552G	19	5.591G	20	5.427G
21	5.327G	22	5.541G	23	5.358G	24	5.488G
25	5.314G	26	5.504G	27	5.391G	28	5.405G
29	5.717G	30	5.413G	31	5.593G	32	5.322G
33	5.263G	34	5.565G	35	5.341G	36	5.572G
37	5.292G	38	5.706G	39	5.510G	40	5.289G
41	5.621G	42	5.377G	43	5.439G	44	5.354G
45	5.548G	46	5.645G	47	5.297G	48	5.502G
49	5.447G	50	5.594G	51	5.598G	52	5.538G
53	5.450G	54	5.277G	55	5.257G	56	5.332G
57	5.436G	58	5.343G	59	5.259G	60	5.446G
61	5.590G	62	5.264G	63	5.321G	64	5.414G
65	5.399G	66	5.276G	67	5.690G	68	5.317G

69	5.425G	70	5.401G	71	5.484G	72	5.558G
73	5.323G	74	5.721G	75	5.420G	76	5.481G
77	5.578G	78	5.353G	79	5.617G	80	5.324G
81	5.383G	82	5.452G	83	5.339G	84	5.563G
85	5.588G	86	5.267G	87	5.623G	88	5.471G
89	5.602G	90	5.445G	91	5.569G	92	5.724G
93	5.595G	94	5.406G	95	5.671G	96	5.574G
97	5.340G	98	5.685G	99	5.369G	100	5.536G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.343G	2	5.411G	3	5.420G	4	5.541G
5	5.610G	6	5.443G	7	5.271G	8	5.716G
9	5.619G	10	5.545G	11	5.718G	12	5.605G
13	5.557G	14	5.663G	15	5.486G	16	5.568G
17	5.398G	18	5.459G	19	5.566G	20	5.600G
21	5.630G	22	5.576G	23	5.473G	24	5.551G
25	5.499G	26	5.391G	27	5.604G	28	5.607G
29	5.419G	30	5.520G	31	5.461G	32	5.330G
33	5.324G	34	5.383G	35	5.608G	36	5.572G
37	5.542G	38	5.418G	39	5.348G	40	5.308G
41	5.457G	42	5.404G	43	5.529G	44	5.371G
45	5.426G	46	5.569G	47	5.325G	48	5.549G
49	5.368G	50	5.402G	51	5.349G	52	5.624G
53	5.653G	54	5.524G	55	5.602G	56	5.376G
57	5.336G	58	5.564G	59	5.275G	60	5.679G
61	5.591G	62	5.688G	63	5.617G	64	5.380G
65	5.424G	66	5.558G	67	5.500G	68	5.585G
69	5.583G	70	5.721G	71	5.645G	72	5.661G
73	5.289G	74	5.636G	75	5.506G	76	5.567G
77	5.369G	78	5.706G	79	5.448G	80	5.253G
81	5.574G	82	5.584G	83	5.571G	84	5.494G
85	5.367G	86	5.664G	87	5.450G	88	5.528G
89	5.458G	90	5.294G	91	5.612G	92	5.360G
93	5.438G	94	5.696G	95	5.440G	96	5.686G
97	5.658G	98	5.410G	99	5.329G	100	5.684G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.257G	2	5.690G	3	5.676G	4	5.533G
5	5.671G	6	5.384G	7	5.522G	8	5.682G
9	5.361G	10	5.342G	11	5.599G	12	5.707G
13	5.302G	14	5.503G	15	5.258G	16	5.546G
17	5.332G	18	5.506G	19	5.440G	20	5.470G
21	5.366G	22	5.696G	23	5.390G	24	5.622G
25	5.408G	26	5.648G	27	5.443G	28	5.341G
29	5.526G	30	5.575G	31	5.517G	32	5.527G
33	5.293G	34	5.618G	35	5.326G	36	5.337G
37	5.469G	38	5.269G	39	5.689G	40	5.318G
41	5.586G	42	5.484G	43	5.723G	44	5.700G
45	5.635G	46	5.624G	47	5.449G	48	5.303G
49	5.376G	50	5.272G	51	5.702G	52	5.507G
53	5.445G	54	5.714G	55	5.715G	56	5.347G
57	5.438G	58	5.419G	59	5.722G	60	5.481G
61	5.559G	62	5.614G	63	5.393G	64	5.717G
65	5.266G	66	5.339G	67	5.436G	68	5.459G
69	5.541G	70	5.532G	71	5.348G	72	5.290G
73	5.477G	74	5.330G	75	5.306G	76	5.498G
77	5.637G	78	5.280G	79	5.369G	80	5.377G
81	5.405G	82	5.251G	83	5.606G	84	5.350G
85	5.519G	86	5.493G	87	5.502G	88	5.392G
89	5.557G	90	5.665G	91	5.473G	92	5.401G
93	5.437G	94	5.613G	95	5.566G	96	5.331G
97	5.458G	98	5.555G	99	5.462G	100	5.271G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.656G	2	5.528G	3	5.330G	4	5.580G
5	5.714G	6	5.500G	7	5.287G	8	5.559G
9	5.428G	10	5.356G	11	5.561G	12	5.480G
13	5.591G	14	5.389G	15	5.539G	16	5.692G

17	5.678G	18	5.434G	19	5.301G	20	5.527G
21	5.325G	22	5.506G	23	5.376G	24	5.337G
25	5.268G	26	5.546G	27	5.395G	28	5.331G
29	5.373G	30	5.716G	31	5.364G	32	5.383G
33	5.617G	34	5.295G	35	5.403G	36	5.549G
37	5.643G	38	5.646G	39	5.596G	40	5.626G
41	5.609G	42	5.661G	43	5.336G	44	5.603G
45	5.536G	46	5.374G	47	5.522G	48	5.258G
49	5.272G	50	5.659G	51	5.694G	52	5.432G
53	5.607G	54	5.448G	55	5.457G	56	5.540G
57	5.341G	58	5.270G	59	5.310G	60	5.537G
61	5.685G	62	5.342G	63	5.487G	64	5.554G
65	5.660G	66	5.360G	67	5.435G	68	5.616G
69	5.449G	70	5.542G	71	5.288G	72	5.576G
73	5.256G	74	5.263G	75	5.688G	76	5.402G
77	5.368G	78	5.717G	79	5.586G	80	5.498G
81	5.638G	82	5.566G	83	5.436G	84	5.639G
85	5.464G	86	5.569G	87	5.409G	88	5.531G
89	5.635G	90	5.541G	91	5.499G	92	5.445G
93	5.547G	94	5.555G	95	5.494G	96	5.429G
97	5.259G	98	5.615G	99	5.299G	100	5.510G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.396G	3	5.505G	4	5.560G
5	5.256G	6	5.383G	7	5.531G	8	5.444G
9	5.364G	10	5.593G	11	5.651G	12	5.362G
13	5.260G	14	5.498G	15	5.615G	16	5.571G
17	5.425G	18	5.648G	19	5.439G	20	5.649G
21	5.559G	22	5.314G	23	5.508G	24	5.251G
25	5.555G	26	5.255G	27	5.711G	28	5.634G
29	5.629G	30	5.415G	31	5.301G	32	5.556G
33	5.306G	34	5.579G	35	5.354G	36	5.598G
37	5.503G	38	5.606G	39	5.478G	40	5.389G
41	5.391G	42	5.368G	43	5.347G	44	5.678G
45	5.501G	46	5.654G	47	5.607G	48	5.511G

49	5.586G	50	5.449G	51	5.454G	52	5.440G
53	5.551G	54	5.483G	55	5.418G	56	5.544G
57	5.291G	58	5.619G	59	5.670G	60	5.274G
61	5.336G	62	5.706G	63	5.719G	64	5.587G
65	5.395G	66	5.541G	67	5.266G	68	5.602G
69	5.513G	70	5.380G	71	5.527G	72	5.506G
73	5.422G	74	5.572G	75	5.474G	76	5.441G
77	5.591G	78	5.592G	79	5.360G	80	5.254G
81	5.548G	82	5.304G	83	5.685G	84	5.653G
85	5.574G	86	5.713G	87	5.545G	88	5.287G
89	5.723G	90	5.709G	91	5.400G	92	5.647G
93	5.708G	94	5.372G	95	5.353G	96	5.667G
97	5.384G	98	5.397G	99	5.561G	100	5.293G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.349G	2	5.560G	3	5.471G	4	5.503G
5	5.260G	6	5.537G	7	5.400G	8	5.441G
9	5.344G	10	5.467G	11	5.316G	12	5.358G
13	5.652G	14	5.465G	15	5.302G	16	5.342G
17	5.478G	18	5.475G	19	5.707G	20	5.590G
21	5.566G	22	5.488G	23	5.435G	24	5.380G
25	5.348G	26	5.276G	27	5.422G	28	5.333G
29	5.281G	30	5.423G	31	5.557G	32	5.477G
33	5.308G	34	5.576G	35	5.304G	36	5.451G
37	5.542G	38	5.314G	39	5.360G	40	5.549G
41	5.354G	42	5.563G	43	5.483G	44	5.443G
45	5.690G	46	5.657G	47	5.376G	48	5.527G
49	5.255G	50	5.299G	51	5.470G	52	5.283G
53	5.541G	54	5.538G	55	5.362G	56	5.401G
57	5.298G	58	5.548G	59	5.627G	60	5.516G
61	5.257G	62	5.270G	63	5.448G	64	5.377G
65	5.321G	66	5.341G	67	5.535G	68	5.371G
69	5.458G	70	5.381G	71	5.361G	72	5.618G
73	5.631G	74	5.370G	75	5.336G	76	5.638G
77	5.392G	78	5.559G	79	5.497G	80	5.525G

81	5.589G	82	5.432G	83	5.611G	84	5.446G
85	5.661G	86	5.569G	87	5.635G	88	5.330G
89	5.546G	90	5.444G	91	5.415G	92	5.284G
93	5.695G	94	5.286G	95	5.605G	96	5.693G
97	5.689G	98	5.520G	99	5.402G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.646G	2	5.445G	3	5.613G	4	5.287G
5	5.520G	6	5.574G	7	5.609G	8	5.550G
9	5.319G	10	5.481G	11	5.602G	12	5.644G
13	5.458G	14	5.429G	15	5.706G	16	5.590G
17	5.658G	18	5.395G	19	5.271G	20	5.553G
21	5.261G	22	5.577G	23	5.515G	24	5.575G
25	5.470G	26	5.563G	27	5.710G	28	5.350G
29	5.485G	30	5.303G	31	5.499G	32	5.497G
33	5.446G	34	5.648G	35	5.384G	36	5.410G
37	5.551G	38	5.469G	39	5.345G	40	5.669G
41	5.415G	42	5.274G	43	5.662G	44	5.375G
45	5.519G	46	5.492G	47	5.427G	48	5.433G
49	5.343G	50	5.403G	51	5.633G	52	5.266G
53	5.514G	54	5.587G	55	5.560G	56	5.525G
57	5.664G	58	5.693G	59	5.656G	60	5.565G
61	5.623G	62	5.276G	63	5.416G	64	5.463G
65	5.688G	66	5.300G	67	5.573G	68	5.259G
69	5.438G	70	5.564G	71	5.328G	72	5.291G
73	5.715G	74	5.631G	75	5.324G	76	5.392G
77	5.348G	78	5.369G	79	5.675G	80	5.305G
81	5.580G	82	5.598G	83	5.691G	84	5.382G
85	5.372G	86	5.405G	87	5.329G	88	5.321G
89	5.296G	90	5.279G	91	5.721G	92	5.496G
93	5.376G	94	5.702G	95	5.638G	96	5.478G
97	5.607G	98	5.464G	99	5.615G	100	5.418G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency	SEQ#	Frequency	SEQ#	Frequency	SEQ#	Frequency

	(Hz)		(Hz)		(Hz)		(Hz)
1	5.415G	2	5.337G	3	5.518G	4	5.414G
5	5.407G	6	5.408G	7	5.382G	8	5.379G
9	5.671G	10	5.423G	11	5.705G	12	5.317G
13	5.366G	14	5.349G	15	5.489G	16	5.314G
17	5.275G	18	5.724G	19	5.422G	20	5.253G
21	5.567G	22	5.299G	23	5.329G	24	5.450G
25	5.501G	26	5.465G	27	5.330G	28	5.461G
29	5.546G	30	5.385G	31	5.432G	32	5.594G
33	5.346G	34	5.612G	35	5.651G	36	5.534G
37	5.386G	38	5.506G	39	5.412G	40	5.257G
41	5.700G	42	5.262G	43	5.340G	44	5.433G
45	5.653G	46	5.350G	47	5.558G	48	5.471G
49	5.704G	50	5.622G	51	5.315G	52	5.709G
53	5.390G	54	5.522G	55	5.351G	56	5.655G
57	5.292G	58	5.327G	59	5.371G	60	5.623G
61	5.642G	62	5.362G	63	5.470G	64	5.590G
65	5.466G	66	5.591G	67	5.430G	68	5.307G
69	5.697G	70	5.687G	71	5.266G	72	5.478G
73	5.343G	74	5.528G	75	5.271G	76	5.293G
77	5.502G	78	5.552G	79	5.496G	80	5.584G
81	5.689G	82	5.444G	83	5.486G	84	5.332G
85	5.662G	86	5.600G	87	5.547G	88	5.565G
89	5.614G	90	5.477G	91	5.601G	92	5.656G
93	5.482G	94	5.557G	95	5.633G	96	5.435G
97	5.436G	98	5.526G	99	5.678G	100	5.485G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.313G	2	5.686G	3	5.722G	4	5.641G
5	5.511G	6	5.326G	7	5.624G	8	5.349G
9	5.317G	10	5.351G	11	5.629G	12	5.455G
13	5.595G	14	5.297G	15	5.526G	16	5.687G
17	5.363G	18	5.519G	19	5.679G	20	5.358G
21	5.338G	22	5.542G	23	5.655G	24	5.456G
25	5.534G	26	5.415G	27	5.634G	28	5.704G

29	5.265G	30	5.279G	31	5.505G	32	5.452G
33	5.564G	34	5.681G	35	5.447G	36	5.266G
37	5.377G	38	5.632G	39	5.394G	40	5.366G
41	5.327G	42	5.340G	43	5.304G	44	5.671G
45	5.672G	46	5.642G	47	5.644G	48	5.695G
49	5.388G	50	5.356G	51	5.335G	52	5.614G
53	5.596G	54	5.548G	55	5.524G	56	5.346G
57	5.532G	58	5.361G	59	5.496G	60	5.516G
61	5.329G	62	5.406G	63	5.555G	64	5.398G
65	5.721G	66	5.657G	67	5.574G	68	5.438G
69	5.489G	70	5.583G	71	5.656G	72	5.605G
73	5.491G	74	5.271G	75	5.724G	76	5.283G
77	5.264G	78	5.553G	79	5.278G	80	5.474G
81	5.440G	82	5.603G	83	5.626G	84	5.615G
85	5.664G	86	5.458G	87	5.538G	88	5.569G
89	5.590G	90	5.481G	91	5.717G	92	5.257G
93	5.407G	94	5.623G	95	5.354G	96	5.408G
97	5.570G	98	5.397G	99	5.545G	100	5.309G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.272G	2	5.678G	3	5.457G	4	5.378G
5	5.712G	6	5.573G	7	5.414G	8	5.472G
9	5.561G	10	5.497G	11	5.646G	12	5.603G
13	5.579G	14	5.696G	15	5.349G	16	5.441G
17	5.558G	18	5.592G	19	5.632G	20	5.404G
21	5.658G	22	5.542G	23	5.320G	24	5.637G
25	5.350G	26	5.680G	27	5.373G	28	5.399G
29	5.267G	30	5.591G	31	5.521G	32	5.400G
33	5.456G	34	5.584G	35	5.273G	36	5.323G
37	5.629G	38	5.265G	39	5.418G	40	5.322G
41	5.654G	42	5.506G	43	5.329G	44	5.291G
45	5.554G	46	5.577G	47	5.435G	48	5.648G
49	5.264G	50	5.708G	51	5.722G	52	5.652G
53	5.528G	54	5.423G	55	5.473G	56	5.482G
57	5.443G	58	5.707G	59	5.671G	60	5.412G

61	5.453G	62	5.689G	63	5.432G	64	5.500G
65	5.407G	66	5.375G	67	5.284G	68	5.421G
69	5.655G	70	5.636G	71	5.493G	72	5.363G
73	5.508G	74	5.401G	75	5.593G	76	5.365G
77	5.571G	78	5.408G	79	5.312G	80	5.533G
81	5.673G	82	5.391G	83	5.390G	84	5.522G
85	5.486G	86	5.513G	87	5.409G	88	5.498G
89	5.520G	90	5.677G	91	5.703G	92	5.661G
93	5.596G	94	5.258G	95	5.434G	96	5.437G
97	5.338G	98	5.261G	99	5.464G	100	5.419G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.355G	2	5.343G	3	5.439G	4	5.412G
5	5.424G	6	5.451G	7	5.445G	8	5.477G
9	5.681G	10	5.480G	11	5.487G	12	5.634G
13	5.539G	14	5.354G	15	5.591G	16	5.701G
17	5.327G	18	5.679G	19	5.278G	20	5.334G
21	5.292G	22	5.284G	23	5.647G	24	5.299G
25	5.541G	26	5.507G	27	5.321G	28	5.401G
29	5.581G	30	5.309G	31	5.271G	32	5.264G
33	5.667G	34	5.441G	35	5.516G	36	5.474G
37	5.369G	38	5.530G	39	5.523G	40	5.658G
41	5.422G	42	5.408G	43	5.493G	44	5.689G
45	5.529G	46	5.637G	47	5.561G	48	5.325G
49	5.524G	50	5.276G	51	5.436G	52	5.460G
53	5.533G	54	5.568G	55	5.723G	56	5.280G
57	5.540G	58	5.718G	59	5.631G	60	5.415G
61	5.301G	62	5.521G	63	5.675G	64	5.656G
65	5.262G	66	5.601G	67	5.310G	68	5.628G
69	5.328G	70	5.650G	71	5.605G	72	5.294G
73	5.531G	74	5.253G	75	5.357G	76	5.307G
77	5.345G	78	5.282G	79	5.470G	80	5.535G
81	5.555G	82	5.684G	83	5.607G	84	5.349G
85	5.592G	86	5.417G	87	5.269G	88	5.720G
89	5.440G	90	5.431G	91	5.435G	92	5.622G

93	5.549G	94	5.504G	95	5.348G	96	5.370G
97	5.569G	98	5.499G	99	5.560G	100	5.660G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.580G	2	5.600G	3	5.635G	4	5.692G
5	5.365G	6	5.305G	7	5.369G	8	5.394G
9	5.397G	10	5.532G	11	5.529G	12	5.460G
13	5.701G	14	5.677G	15	5.592G	16	5.723G
17	5.544G	18	5.264G	19	5.309G	20	5.659G
21	5.410G	22	5.342G	23	5.393G	24	5.700G
25	5.477G	26	5.578G	27	5.352G	28	5.619G
29	5.320G	30	5.621G	31	5.566G	32	5.653G
33	5.638G	34	5.421G	35	5.471G	36	5.504G
37	5.341G	38	5.565G	39	5.647G	40	5.598G
41	5.658G	42	5.353G	43	5.260G	44	5.294G
45	5.286G	46	5.354G	47	5.588G	48	5.408G
49	5.388G	50	5.282G	51	5.427G	52	5.415G
53	5.499G	54	5.426G	55	5.476G	56	5.326G
57	5.254G	58	5.508G	59	5.344G	60	5.371G
61	5.316G	62	5.448G	63	5.323G	64	5.552G
65	5.696G	66	5.381G	67	5.605G	68	5.462G
69	5.423G	70	5.301G	71	5.449G	72	5.618G
73	5.586G	74	5.273G	75	5.574G	76	5.261G
77	5.646G	78	5.722G	79	5.256G	80	5.624G
81	5.719G	82	5.348G	83	5.409G	84	5.453G
85	5.568G	86	5.604G	87	5.633G	88	5.617G
89	5.524G	90	5.306G	91	5.391G	92	5.380G
93	5.472G	94	5.716G	95	5.712G	96	5.543G
97	5.642G	98	5.276G	99	5.671G	100	5.420G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.385G	2	5.668G	3	5.395G	4	5.599G
5	5.348G	6	5.424G	7	5.473G	8	5.675G

9	5.269G	10	5.633G	11	5.716G	12	5.307G
13	5.315G	14	5.506G	15	5.637G	16	5.666G
17	5.342G	18	5.431G	19	5.323G	20	5.379G
21	5.700G	22	5.588G	23	5.268G	24	5.465G
25	5.252G	26	5.447G	27	5.682G	28	5.616G
29	5.685G	30	5.695G	31	5.500G	32	5.660G
33	5.290G	34	5.387G	35	5.285G	36	5.527G
37	5.569G	38	5.444G	39	5.689G	40	5.646G
41	5.674G	42	5.356G	43	5.384G	44	5.574G
45	5.421G	46	5.559G	47	5.297G	48	5.493G
49	5.312G	50	5.334G	51	5.376G	52	5.270G
53	5.708G	54	5.360G	55	5.257G	56	5.442G
57	5.300G	58	5.537G	59	5.314G	60	5.543G
61	5.609G	62	5.677G	63	5.333G	64	5.425G
65	5.552G	66	5.485G	67	5.282G	68	5.344G
69	5.273G	70	5.259G	71	5.567G	72	5.457G
73	5.276G	74	5.325G	75	5.642G	76	5.583G
77	5.573G	78	5.364G	79	5.525G	80	5.625G
81	5.702G	82	5.453G	83	5.415G	84	5.440G
85	5.436G	86	5.521G	87	5.320G	88	5.720G
89	5.274G	90	5.349G	91	5.451G	92	5.478G
93	5.579G	94	5.286G	95	5.294G	96	5.347G
97	5.496G	98	5.251G	99	5.466G	100	5.455G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.531G	2	5.617G	3	5.550G	4	5.534G
5	5.265G	6	5.537G	7	5.559G	8	5.527G
9	5.611G	10	5.674G	11	5.483G	12	5.705G
13	5.390G	14	5.575G	15	5.431G	16	5.462G
17	5.466G	18	5.450G	19	5.528G	20	5.464G
21	5.397G	22	5.381G	23	5.443G	24	5.312G
25	5.451G	26	5.584G	27	5.414G	28	5.601G
29	5.678G	30	5.255G	31	5.689G	32	5.256G
33	5.568G	34	5.494G	35	5.632G	36	5.271G
37	5.618G	38	5.555G	39	5.372G	40	5.452G

41	5.506G	42	5.458G	43	5.349G	44	5.571G
45	5.439G	46	5.264G	47	5.654G	48	5.542G
49	5.346G	50	5.596G	51	5.627G	52	5.641G
53	5.433G	54	5.539G	55	5.518G	56	5.702G
57	5.652G	58	5.625G	59	5.291G	60	5.355G
61	5.665G	62	5.324G	63	5.306G	64	5.262G
65	5.565G	66	5.576G	67	5.672G	68	5.385G
69	5.361G	70	5.465G	71	5.272G	72	5.303G
73	5.386G	74	5.591G	75	5.378G	76	5.683G
77	5.646G	78	5.379G	79	5.497G	80	5.467G
81	5.480G	82	5.583G	83	5.254G	84	5.468G
85	5.286G	86	5.701G	87	5.394G	88	5.427G
89	5.320G	90	5.723G	91	5.411G	92	5.573G
93	5.280G	94	5.260G	95	5.607G	96	5.403G
97	5.640G	98	5.375G	99	5.340G	100	5.670G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.435G	2	5.454G	3	5.282G	4	5.419G
5	5.295G	6	5.388G	7	5.630G	8	5.574G
9	5.283G	10	5.250G	11	5.301G	12	5.657G
13	5.652G	14	5.281G	15	5.449G	16	5.317G
17	5.650G	18	5.382G	19	5.593G	20	5.439G
21	5.714G	22	5.634G	23	5.324G	24	5.724G
25	5.711G	26	5.357G	27	5.578G	28	5.431G
29	5.298G	30	5.662G	31	5.712G	32	5.443G
33	5.532G	34	5.459G	35	5.562G	36	5.705G
37	5.319G	38	5.583G	39	5.673G	40	5.614G
41	5.545G	42	5.701G	43	5.617G	44	5.612G
45	5.663G	46	5.308G	47	5.462G	48	5.259G
49	5.521G	50	5.373G	51	5.339G	52	5.486G
53	5.315G	54	5.715G	55	5.416G	56	5.577G
57	5.557G	58	5.675G	59	5.686G	60	5.717G
61	5.254G	62	5.438G	63	5.604G	64	5.720G
65	5.500G	66	5.361G	67	5.424G	68	5.629G
69	5.345G	70	5.523G	71	5.302G	72	5.490G

73	5.267G	74	5.316G	75	5.386G	76	5.515G
77	5.291G	78	5.280G	79	5.664G	80	5.635G
81	5.625G	82	5.704G	83	5.538G	84	5.412G
85	5.644G	86	5.258G	87	5.537G	88	5.554G
89	5.721G	90	5.579G	91	5.351G	92	5.550G
93	5.655G	94	5.575G	95	5.563G	96	5.410G
97	5.378G	98	5.708G	99	5.399G	100	5.621G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.259G	2	5.634G	3	5.574G	4	5.649G
5	5.526G	6	5.435G	7	5.432G	8	5.462G
9	5.622G	10	5.638G	11	5.296G	12	5.355G
13	5.676G	14	5.519G	15	5.305G	16	5.409G
17	5.412G	18	5.386G	19	5.343G	20	5.394G
21	5.487G	22	5.571G	23	5.437G	24	5.613G
25	5.359G	26	5.514G	27	5.591G	28	5.604G
29	5.637G	30	5.278G	31	5.606G	32	5.382G
33	5.488G	34	5.523G	35	5.537G	36	5.346G
37	5.336G	38	5.559G	39	5.250G	40	5.477G
41	5.724G	42	5.627G	43	5.720G	44	5.430G
45	5.456G	46	5.281G	47	5.434G	48	5.525G
49	5.297G	50	5.299G	51	5.521G	52	5.648G
53	5.659G	54	5.657G	55	5.577G	56	5.328G
57	5.279G	58	5.369G	59	5.703G	60	5.388G
61	5.377G	62	5.595G	63	5.568G	64	5.512G
65	5.598G	66	5.303G	67	5.453G	68	5.482G
69	5.338G	70	5.707G	71	5.650G	72	5.504G
73	5.609G	74	5.313G	75	5.545G	76	5.633G
77	5.417G	78	5.251G	79	5.500G	80	5.496G
81	5.711G	82	5.378G	83	5.332G	84	5.288G
85	5.458G	86	5.443G	87	5.461G	88	5.716G
89	5.421G	90	5.393G	91	5.460G	92	5.372G
93	5.640G	94	5.324G	95	5.628G	96	5.710G
97	5.454G	98	5.469G	99	5.428G	100	5.616G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.501G	2	5.296G	3	5.438G	4	5.700G
5	5.444G	6	5.610G	7	5.490G	8	5.698G
9	5.534G	10	5.514G	11	5.693G	12	5.720G
13	5.551G	14	5.453G	15	5.619G	16	5.489G
17	5.369G	18	5.620G	19	5.336G	20	5.685G
21	5.606G	22	5.479G	23	5.325G	24	5.345G
25	5.322G	26	5.275G	27	5.315G	28	5.510G
29	5.511G	30	5.337G	31	5.539G	32	5.653G
33	5.311G	34	5.424G	35	5.282G	36	5.640G
37	5.255G	38	5.402G	39	5.714G	40	5.504G
41	5.634G	42	5.430G	43	5.592G	44	5.264G
45	5.425G	46	5.314G	47	5.597G	48	5.343G
49	5.265G	50	5.548G	51	5.375G	52	5.344G
53	5.659G	54	5.328G	55	5.442G	56	5.287G
57	5.524G	58	5.300G	59	5.436G	60	5.454G
61	5.400G	62	5.478G	63	5.690G	64	5.678G
65	5.427G	66	5.465G	67	5.350G	68	5.463G
69	5.644G	70	5.564G	71	5.293G	72	5.521G
73	5.267G	74	5.473G	75	5.496G	76	5.562G
77	5.393G	78	5.429G	79	5.374G	80	5.655G
81	5.464G	82	5.401G	83	5.262G	84	5.332G
85	5.379G	86	5.299G	87	5.366G	88	5.493G
89	5.498G	90	5.611G	91	5.363G	92	5.576G
93	5.580G	94	5.384G	95	5.705G	96	5.676G
97	5.572G	98	5.604G	99	5.656G	100	5.449G

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Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	No
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	No
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	No
Detection Rate: 90.0 %				

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	3.0u	153.0u	No
2	26	1.1u	212.0u	Yes
3	26	2.4u	214.0u	Yes
4	27	2.2u	226.0u	Yes
5	25	3.3u	184.0u	Yes
6	26	4.4u	185.0u	Yes
7	28	3.4u	213.0u	Yes
8	27	4.8u	185.0u	No
9	28	4.8u	197.0u	No
10	23	4.8u	165.0u	Yes
11	29	2.9u	212.0u	Yes
12	28	4.0u	162.0u	Yes
13	25	4.1u	217.0u	Yes
14	28	1.8u	200.0u	Yes
15	26	2.1u	193.0u	Yes
16	27	1.5u	175.0u	Yes
17	23	1.5u	179.0u	Yes
18	29	4.5u	214.0u	No
19	26	4.7u	202.0u	No
20	28	5.0u	206.0u	Yes
21	27	2.7u	222.0u	Yes
22	26	1.0u	153.0u	Yes
23	26	1.9u	173.0u	Yes
24	26	2.6u	157.0u	No
25	26	4.6u	167.0u	Yes
26	25	1.7u	222.0u	Yes
27	26	4.6u	168.0u	Yes
28	27	4.9u	171.0u	Yes
29	24	4.6u	225.0u	Yes
30	25	4.0u	228.0u	Yes
Detection Rate: 80.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	6.8u	452.0u	Yes
2	17	7.4u	206.0u	Yes
3	17	9.1u	226.0u	Yes
4	17	8.1u	311.0u	Yes
5	17	8.4u	216.0u	No
6	18	6.1u	293.0u	Yes
7	16	8.0u	242.0u	Yes
8	17	9.5u	259.0u	Yes
9	16	8.5u	269.0u	Yes
10	17	7.3u	374.0u	No
11	17	8.7u	405.0u	Yes
12	17	8.0u	300.0u	Yes
13	18	8.0u	485.0u	Yes
14	17	7.5u	439.0u	Yes
15	17	8.6u	351.0u	Yes
16	17	6.6u	292.0u	Yes
17	18	9.2u	299.0u	Yes
18	18	6.2u	450.0u	Yes
19	17	8.1u	218.0u	Yes
20	17	6.3u	365.0u	Yes
21	16	7.5u	469.0u	Yes
22	17	6.8u	431.0u	Yes
23	17	9.8u	213.0u	Yes
24	16	9.0u	438.0u	Yes
25	16	9.0u	438.0u	Yes
26	17	9.5u	264.0u	No
27	17	7.9u	371.0u	Yes
28	17	8.1u	303.0u	Yes
29	17	8.3u	402.0u	Yes
30	18	6.9u	291.0u	Yes
31	17	8.8u	231.0u	Yes
Detection Rate: 90.3 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	16.1u	422.0u	Yes
2	15	19.7u	231.0u	No
3	15	17.8u	483.0u	Yes
4	13	14.9u	222.0u	Yes
5	13	16.7u	327.0u	Yes
6	14	15.1u	389.0u	Yes
7	13	13.6u	375.0u	Yes
8	15	14.8u	367.0u	Yes
9	15	14.6u	223.0u	Yes
10	13	18.4u	278.0u	Yes
11	15	12.4u	264.0u	Yes
12	12	16.1u	417.0u	Yes
13	14	14.6u	453.0u	Yes
14	15	15.0u	452.0u	Yes
15	13	14.9u	250.0u	Yes
16	13	19.5u	403.0u	Yes
17	12	12.5u	295.0u	Yes
18	16	14.7u	338.0u	Yes
19	14	12.4u	371.0u	Yes
20	13	17.3u	237.0u	Yes
21	12	14.8u	270.0u	Yes
22	15	15.6u	494.0u	Yes
23	13	19.9u	248.0u	No
24	15	15.0u	383.0u	Yes
25	13	15.8u	462.0u	Yes
26	15	12.5u	401.0u	Yes
27	13	18.0u	342.0u	Yes
28	16	16.8u	443.0u	Yes
29	15	12.8u	279.0u	Yes
30	13	19.7u	240.0u	Yes
Detection Rate: 93.3 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	No
Detection Rate: 96.7 %		

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
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	1	12M	55.0u	-	-	444.2m
2	1	5M	80.7u	-	-	355.0m
3	3	14M	56.6u	1.614m	1.626m	183.0m
4	1	13M	52.0u	-	-	447.2m
5	3	10M	70.0u	978.0u	1.904m	13.47m
6	1	13M	76.0u	-	-	119.0m
7	3	10M	71.6u	1.048m	1.054m	176.3m
8	2	9M	70.8u	1.740m	-	413.6m
9	2	10M	61.9u	1.347m	-	84.03m
10	3	10M	76.4u	1.574m	1.645m	435.1m
11	1	8M	96.7u	-	-	26.74m
12	1	16M	52.1u	-	-	58.15m
13	2	19M	85.0u	1.867m	-	424.6m
14	3	11M	57.8u	1.134m	1.266m	462.2m
15	2	8M	64.2u	1.266m	-	618.4m
16	2	19M	89.2u	1.197m	-	200.5m
17	2	13M	59.6u	1.433m	-	328.9m
18	1	20M	98.4u	-	-	169.7m
19	1	13M	67.8u	-	-	457.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	75.4u	1.424m	-	212.9m
2	2	15M	74.0u	1.870m	-	541.0m
3	2	6M	96.3u	1.309m	-	510.0m
4	3	12M	77.1u	1.006m	1.524m	89.86m

5	2	8M	51.6u	1.280m	-	225.3m
6	2	13M	69.8u	1.537m	-	417.0m
7	2	5M	89.9u	1.735m	-	663.3m
8	1	8M	71.1u	-	-	296.8m
9	3	11M	82.0u	1.736m	1.379m	641.9m
10	1	13M	88.2u	-	-	634.9m
11	2	18M	85.0u	1.609m	-	681.6m
12	3	20M	75.5u	1.478m	1.461m	49.00u
13	2	6M	72.6u	1.377m	-	140.1m
14	3	8M	62.8u	1.363m	1.451m	579.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	11M	97.9u	1.458m	964.1u	1.035
2	3	9M	67.9u	1.514m	1.435m	976.2m
3	2	14M	61.8u	1.357m	-	281.1m
4	1	9M	58.4u	-	-	1.057
5	2	18M	67.1u	1.316m	-	407.1m
6	3	15M	75.8u	1.829m	1.885m	1.056
7	2	12M	93.1u	1.002m	-	654.3m
8	2	12M	81.7u	975.3u	-	1.056
9	3	14M	54.2u	958.8u	1.802m	851.2m
10	1	7M	95.7u	-	-	821.9m
11	2	19M	76.6u	1.372m	-	82.32m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
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	72.7u	1.567m	-	806.7m
2	1	14M	53.6u	-	-	726.4m

3	2	10M	96.5u	1.321m	-	270.3m
4	2	9M	63.2u	1.314m	-	795.7m
5	2	19M	88.9u	1.431m	-	501.7m
6	3	8M	89.6u	1.590m	947.4u	358.8m
7	2	20M	79.6u	1.312m	-	463.2m
8	3	18M	70.8u	1.378m	1.159m	415.1m
9	2	16M	57.4u	1.677m	-	773.4m
10	1	17M	63.5u	-	-	363.0m
11	2	18M	91.5u	1.136m	-	142.9m
12	2	18M	59.1u	1.242m	-	661.8m
13	2	16M	75.9u	1.074m	-	911.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	69.1u	1.674m	966.9u	496.9m
2	1	8M	54.0u	-	-	121.0m
3	1	6M	83.3u	-	-	579.5m
4	3	19M	75.5u	987.5u	1.900m	35.75m
5	2	10M	89.8u	1.423m	-	12.30m
6	2	13M	71.1u	1.224m	-	550.5m
7	2	7M	92.2u	1.353m	-	266.3m
8	2	6M	59.7u	978.3u	-	517.1m
9	2	13M	81.9u	1.740m	-	536.2m
10	1	18M	76.1u	-	-	71.03m
11	2	15M	67.5u	993.5u	-	284.2m
12	1	14M	88.4u	-	-	45.38m
13	2	12M	58.3u	1.864m	-	7.343m
14	1	16M	62.1u	-	-	194.3m
15	2	12M	51.9u	1.693m	-	57.77m
16	1	8M	62.1u	-	-	11.80m
17	3	9M	59.1u	1.786m	1.643m	620.9m
18	2	7M	68.2u	1.842m	-	460.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	20M	99.4u	1.444m	1.899m	691.4m
2	3	8M	85.8u	1.886m	1.356m	402.1m
3	1	7M	92.5u	-	-	750.4m
4	1	10M	86.6u	-	-	404.4m
5	2	17M	58.3u	1.448m	-	546.4m
6	2	5M	67.2u	1.172m	-	1.022
7	2	14M	77.3u	949.7u	-	249.1m
8	3	16M	80.3u	1.507m	1.698m	918.3m
9	2	19M	55.0u	1.174m	-	13.12m
10	2	19M	98.8u	1.722m	-	722.9m
11	3	12M	50.1u	1.611m	1.352m	477.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	53.3u	-	-	434.8m
2	2	8M	62.8u	1.287m	-	91.36m
3	1	16M	74.2u	-	-	93.04m
4	2	18M	76.7u	1.450m	-	595.5m
5	2	7M	52.3u	1.732m	-	490.4m
6	1	15M	60.4u	-	-	237.2m
7	2	11M	94.3u	1.678m	-	483.4m
8	2	17M	92.9u	1.781m	-	113.7m
9	1	15M	66.9u	-	-	278.2m
10	3	13M	80.1u	1.458m	1.012m	485.2m
11	1	13M	72.7u	-	-	164.6m
12	1	14M	55.3u	-	-	209.8m
13	1	7M	78.9u	-	-	506.1m

14	1	13M	85.6u	-	-	547.8m
15	2	18M	56.6u	1.896m	-	380.6m
16	2	16M	90.0u	1.468m	-	225.4m
17	3	19M	75.5u	1.792m	1.765m	577.3m
18	2	15M	69.5u	1.511m	-	406.7m
19	2	8M	97.1u	1.514m	-	465.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	8M	96.4u	1.443m	1.241m	70.83m
2	3	16M	68.8u	1.737m	1.930m	139.5m
3	1	13M	59.8u	-	-	279.5m
4	1	18M	99.4u	-	-	165.6m
5	2	11M	83.8u	1.686m	-	174.7m
6	2	7M	83.2u	1.063m	-	673.4m
7	2	8M	80.2u	1.768m	-	458.5m
8	2	14M	69.2u	1.232m	-	323.9m
9	2	17M	82.3u	996.7u	-	564.6m
10	2	17M	58.4u	1.804m	-	156.8m
11	2	11M	98.6u	1.717m	-	721.3m
12	3	11M	88.7u	1.376m	1.180m	592.0m
13	2	17M	92.1u	1.237m	-	427.2m
14	2	10M	71.9u	1.246m	-	142.2m
15	1	18M	89.0u	-	-	438.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	9M	51.9u	1.147m	1.084m	534.2m
2	1	9M	84.8u	-	-	128.1m

Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	74.1u	-	-	276.4m
2	3	16M	65.1u	1.520m	1.062m	201.9m
3	2	12M	91.2u	1.898m	-	656.6m
4	2	12M	58.6u	1.425m	-	70.98m
5	2	14M	99.6u	1.172m	-	147.9m
6	2	17M	95.4u	1.291m	-	615.8m
7	2	16M	83.7u	977.3u	-	185.8m
8	2	10M	72.6u	1.065m	-	30.71m
9	2	13M	64.1u	1.520m	-	182.4m
10	2	14M	79.8u	1.543m	-	478.9m
11	3	16M	69.4u	1.151m	1.166m	42.35m
12	3	6M	62.0u	1.613m	1.540m	116.3m
13	2	18M	81.7u	1.897m	-	147.4m
14	3	19M	75.7u	1.546m	1.809m	611.2m
15	2	16M	91.2u	1.360m	-	586.1m
16	2	20M	75.1u	1.910m	-	514.1m
17	2	16M	69.3u	1.781m	-	601.4m
18	2	19M	73.4u	951.6u	-	197.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	12M	54.3u	1.439m	1.634m	648.6m
2	1	15M	70.3u	-	-	1.072
3	2	11M	84.0u	1.912m	-	349.8m
4	2	19M	75.2u	1.516m	-	456.0m
5	2	8M	54.6u	1.738m	-	928.5m
6	2	8M	89.5u	1.341m	-	685.7m
7	3	19M	63.3u	1.273m	1.229m	780.0m
8	3	17M	55.3u	1.937m	1.494m	97.57m

9	1	12M	67.8u	-	-	614.3m
10	1	10M	80.8u	-	-	86.11m
11	2	10M	50.4u	1.919m	-	435.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	93.9u	1.504m	-	734.4m
2	1	13M	86.1u	-	-	748.0m
3	2	18M	57.6u	1.342m	-	576.0m
4	2	12M	63.8u	1.171m	-	331.8m
5	3	14M	88.3u	1.272m	1.434m	375.8m
6	3	13M	68.9u	1.148m	1.006m	352.5m
7	1	18M	80.3u	-	-	757.9m
8	2	13M	73.6u	1.102m	-	104.9m
9	3	11M	95.3u	1.716m	1.369m	799.6m
10	3	19M	67.5u	1.773m	1.298m	585.8m
11	3	17M	89.8u	1.709m	1.833m	384.5m
12	2	9M	67.3u	1.133m	-	409.0m
13	2	8M	83.5u	1.257m	-	594.9m
14	1	12M	61.0u	-	-	445.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
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	1	8M	54.1u	-	-	622.2m
2	3	18M	59.4u	1.519m	1.867m	926.9m
3	2	10M	66.8u	1.146m	-	1.349
4	3	18M	63.0u	1.128m	1.081m	1.477
5	3	9M	95.1u	1.656m	1.656m	1.392
6	2	15M	56.9u	1.092m	-	75.68m

7	3	15M	85.2u	1.104m	1.418m	161.0m
8	2	18M	51.0u	1.618m	-	335.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	78.0u	1.747m	-	133.1m
2	2	8M	65.5u	1.668m	-	454.4m
3	1	16M	55.4u	-	-	52.87m
4	2	10M	70.8u	984.2u	-	249.2m
5	2	11M	51.6u	994.4u	-	784.0m
6	3	12M	52.2u	1.596m	1.375m	453.0m
7	3	9M	70.6u	1.078m	1.891m	28.18m
8	2	16M	64.1u	1.710m	-	101.4m
9	1	19M	96.2u	-	-	247.2m
10	1	5M	87.7u	-	-	658.9m
11	3	12M	94.3u	1.187m	1.341m	53.39m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	19M	84.8u	1.213m	1.058m	1.004
2	1	11M	73.0u	-	-	149.1m
3	3	6M	72.6u	1.662m	993.4u	649.1m
4	2	16M	57.1u	1.028m	-	787.8m
5	2	14M	87.7u	970.3u	-	1.060
6	3	10M	81.3u	1.344m	1.830m	112.4m
7	3	8M	75.5u	1.903m	1.471m	607.4m
8	1	19M	71.3u	-	-	1.059
9	2	15M	91.1u	1.095m	-	362.2m
10	2	16M	97.1u	1.185m	-	460.4m

11	2	6M	84.9u	1.600m	-	98.23m
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Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	67.0u	1.821m	-	185.7m
2	3	15M	75.7u	924.3u	1.179m	185.6m
3	2	9M	82.2u	973.8u	-	564.0m
4	2	9M	77.4u	923.6u	-	271.6m
5	1	18M	99.8u	-	-	755.1m
6	2	13M	81.8u	1.434m	-	789.4m
7	2	7M	65.2u	1.459m	-	62.77m
8	3	6M	52.1u	1.402m	1.236m	746.1m
9	2	15M	52.9u	1.017m	-	649.7m
10	3	12M	68.0u	1.467m	1.352m	58.37m
11	1	17M	70.1u	-	-	305.9m
12	2	10M	60.7u	1.294m	-	209.9m
13	3	10M	59.9u	1.686m	1.318m	458.9m
14	2	6M	71.5u	1.587m	-	594.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	52.5u	-	-	828.2m
2	2	14M	65.9u	1.179m	-	812.4m
3	2	7M	66.3u	957.7u	-	41.62m
4	3	10M	89.1u	1.548m	1.534m	574.4m
5	3	7M	50.9u	1.822m	1.743m	787.1m
6	2	14M	86.0u	971.0u	-	402.1m
7	3	9M	84.3u	1.307m	922.7u	638.8m
8	3	17M	60.3u	1.898m	984.7u	157.8m

9	2	6M	56.6u	1.797m	-	178.8m
10	2	15M	55.8u	956.2u	-	115.3m
11	2	7M	71.7u	1.280m	-	769.9m
12	2	7M	84.3u	1.770m	-	480.2m
13	3	18M	86.3u	1.153m	1.467m	573.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	19M	58.1u	999.9u	-	486.1m
2	1	19M	79.0u	-	-	177.0m
3	2	17M	65.6u	1.695m	-	253.4m
4	2	7M	67.0u	978.0u	-	725.5m
5	2	18M	79.9u	1.184m	-	300.3m
6	2	13M	89.3u	1.249m	-	458.9m
7	3	10M	56.5u	1.852m	1.084m	259.2m
8	2	8M	74.0u	956.0u	-	570.9m
9	3	19M	89.6u	1.121m	930.4u	109.6m
10	2	6M	98.6u	1.846m	-	520.2m
11	2	17M	92.3u	1.711m	-	12.55m
12	2	16M	63.7u	1.107m	-	79.49m
13	1	10M	94.3u	-	-	597.2m
14	1	15M	80.9u	-	-	608.2m
15	1	15M	71.8u	-	-	349.4m
16	3	15M	74.0u	1.753m	1.438m	122.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	76.5u	1.213m	-	700.4m
2	2	14M	84.8u	1.222m	-	655.9m

3	3	14M	79.4u	1.190m	1.815m	1.147
4	2	17M	59.9u	956.1u	-	141.7m
5	2	9M	74.7u	1.699m	-	679.6m
6	2	18M	78.4u	1.565m	-	1.105
7	2	18M	96.3u	1.039m	-	1.166
8	1	12M	74.1u	-	-	630.1m
9	1	14M	90.6u	-	-	661.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	81.5u	-	-	904.0m
2	1	8M	50.3u	-	-	518.5m
3	1	9M	79.2u	-	-	1.168
4	3	6M	93.6u	948.4u	1.741m	296.4m
5	3	13M	98.4u	1.614m	1.245m	270.3m
6	2	8M	57.2u	1.818m	-	636.4m
7	1	8M	65.8u	-	-	610.2m
8	3	17M	69.7u	1.926m	1.544m	827.7m
9	1	14M	97.0u	-	-	151.6m
10	3	13M	58.3u	1.625m	1.350m	653.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	54.9u	-	-	687.1m
2	3	11M	56.9u	1.677m	1.465m	522.0m
3	1	20M	81.9u	-	-	682.2m
4	2	19M	68.9u	1.129m	-	514.7m
5	2	9M	82.9u	1.623m	-	313.7m
6	3	9M	64.9u	1.693m	1.385m	70.80m

7	1	9M	69.6u	-	-	420.0m
8	2	6M	68.4u	1.231m	-	234.2m
9	2	13M	82.1u	1.458m	-	368.5m
10	1	18M	88.1u	-	-	45.00m
11	1	10M	66.0u	-	-	491.6m
12	2	19M	79.7u	1.294m	-	910.0m
13	2	16M	64.5u	1.053m	-	538.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	12M	63.7u	1.418m	-	397.4m
2	1	16M	77.2u	-	-	175.0m
3	2	8M	87.5u	1.271m	-	96.46m
4	3	13M	67.6u	1.768m	1.928m	704.6m
5	2	18M	60.0u	1.807m	-	297.8m
6	2	7M	68.6u	1.660m	-	436.1m
7	2	12M	97.9u	1.364m	-	313.8m
8	2	8M	91.4u	1.096m	-	174.1m
9	1	7M	67.3u	-	-	290.9m
10	2	19M	91.5u	1.760m	-	436.0m
11	3	12M	59.1u	1.758m	1.406m	279.0m
12	1	18M	68.1u	-	-	258.1m
13	3	19M	84.4u	1.855m	1.618m	253.5m
14	3	19M	68.3u	1.763m	1.260m	24.21m
15	1	17M	92.2u	-	-	788.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	88.1u	1.854m	-	608.0m

2	1	8M	69.4u	-	-	119.5m
3	1	7M	67.1u	-	-	110.9m
4	2	18M	52.9u	1.032m	-	125.2m
5	1	16M	57.9u	-	-	166.3m
6	3	13M	74.3u	1.473m	1.556m	352.5m
7	1	7M	76.2u	-	-	613.2m
8	1	14M	81.4u	-	-	316.9m
9	3	14M	89.5u	1.793m	980.5u	616.1m
10	3	8M	79.0u	1.213m	1.481m	397.3m
11	2	18M	53.6u	1.166m	-	595.6m
12	3	19M	98.9u	1.185m	1.419m	353.3m
13	2	13M	90.7u	1.348m	-	185.9m
14	2	8M	64.5u	1.453m	-	409.5m
15	2	19M	57.8u	1.366m	-	169.3m
16	2	20M	55.8u	1.705m	-	343.4m
17	3	14M	65.3u	1.030m	1.757m	278.8m
18	2	14M	74.0u	1.136m	-	65.07m
19	1	18M	63.3u	-	-	57.45m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	19M	65.2u	-	-	418.8m
2	1	6M	67.0u	-	-	107.4m
3	3	5M	73.1u	1.557m	1.428m	483.1m
4	3	15M	51.3u	1.835m	1.199m	330.2m
5	2	20M	59.6u	1.601m	-	247.9m
6	2	6M	79.4u	1.476m	-	522.1m
7	2	16M	97.0u	1.090m	-	159.9m
8	1	15M	80.0u	-	-	257.5m
9	3	18M	91.8u	1.479m	1.078m	210.6m
10	2	11M	100.0u	973.0u	-	456.6m
11	3	11M	82.9u	1.223m	1.649m	113.3m
12	2	19M	60.6u	1.571m	-	218.2m

13	3	7M	63.6u	1.215m	1.546m	602.6m
14	3	18M	56.8u	1.749m	1.316m	514.0m
15	2	17M	86.2u	1.051m	-	411.8m
16	2	16M	69.2u	992.8u	-	147.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	52.6u	1.674m	-	614.5m
2	1	9M	90.2u	-	-	399.2m
3	2	10M	57.9u	1.014m	-	341.0m
4	1	7M	59.1u	-	-	414.9m
5	1	6M	57.8u	-	-	291.5m
6	2	11M	77.7u	1.225m	-	475.3m
7	2	5M	95.1u	1.057m	-	20.61m
8	1	14M	67.5u	-	-	174.6m
9	3	12M	62.7u	1.615m	1.189m	473.5m
10	2	6M	89.2u	1.400m	-	207.9m
11	2	10M	60.1u	985.9u	-	170.4m
12	1	14M	56.2u	-	-	441.7m
13	3	7M	87.2u	1.196m	1.605m	513.5m
14	1	15M	90.2u	-	-	615.1m
15	2	7M	73.6u	1.612m	-	223.7m
16	2	8M	70.0u	1.112m	-	12.41m
17	3	9M	83.4u	1.617m	1.704m	590.5m
18	2	10M	81.9u	1.305m	-	444.4m

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	5M	82.3u	1.752m	925.7u	672.3m

2	2	7M	72.9u	1.297m	-	268.3m
3	2	18M	70.8u	1.733m	-	775.8m
4	2	13M	78.4u	1.900m	-	27.98m
5	1	18M	55.4u	-	-	622.5m
6	2	13M	86.4u	1.583m	-	603.2m
7	2	15M	91.5u	925.5u	-	587.9m
8	3	12M	57.4u	1.821m	1.037m	274.5m
9	1	13M	96.3u	-	-	562.4m
10	3	20M	84.8u	1.631m	1.573m	555.5m
11	3	6M	88.5u	1.535m	1.401m	555.8m
12	2	18M	82.1u	1.483m	-	665.4m
13	3	8M	99.4u	1.679m	1.258m	374.4m
14	1	20M	71.0u	-	-	796.6m
15	2	16M	74.0u	1.231m	-	398.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
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	8M	74.0u	1.700m	1.369m	71.98m
2	2	5M	65.2u	1.620m	-	312.9m
3	1	9M	85.0u	-	-	772.1m
4	3	13M	57.2u	1.086m	1.678m	791.1m
5	3	14M	51.3u	1.260m	1.022m	102.2m
6	1	19M	68.9u	-	-	260.5m
7	1	19M	78.8u	-	-	325.2m
8	1	15M	74.5u	-	-	284.9m
9	2	13M	51.2u	1.235m	-	299.0m
10	1	19M	65.6u	-	-	797.0m
11	1	7M	81.0u	-	-	444.7m
12	3	12M	78.3u	1.816m	1.653m	775.5m
13	2	15M	98.7u	1.797m	-	247.4m
14	3	9M	89.7u	1.124m	1.849m	236.5m
15	2	8M	55.8u	1.875m	-	462.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	81.5u	1.391m	-	782.0m
2	2	17M	77.5u	1.508m	-	634.8m
3	2	17M	93.8u	1.363m	-	66.79m
4	2	8M	86.1u	1.671m	-	697.5m
5	2	7M	69.5u	1.910m	-	566.6m
6	1	6M	79.8u	-	-	128.7m
7	2	13M	98.7u	1.647m	-	725.8m
8	1	10M	87.3u	-	-	720.0m
9	3	13M	99.1u	1.306m	1.658m	1.069
10	2	16M	62.0u	1.001m	-	569.3m
11	3	5M	94.3u	1.470m	1.540m	963.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	67.1u	1.523m	-	1.066
2	2	8M	69.2u	1.322m	-	1.136
3	2	19M	76.2u	1.571m	-	386.9m
4	1	19M	74.6u	-	-	334.7m
5	1	13M	87.2u	-	-	1.312
6	1	18M	87.7u	-	-	695.0m
7	2	18M	73.7u	1.596m	-	1.041
8	1	7M	81.6u	-	-	828.5m
9	3	12M	94.6u	955.4u	1.205m	541.4m

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

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	No
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: 96.7 %

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.662G	2	5.478G	3	5.470G	4	5.362G
5	5.285G	6	5.329G	7	5.304G	8	5.367G
9	5.682G	10	5.673G	11	5.308G	12	5.610G
13	5.281G	14	5.712G	15	5.255G	16	5.322G
17	5.690G	18	5.667G	19	5.250G	20	5.342G
21	5.486G	22	5.707G	23	5.564G	24	5.347G
25	5.702G	26	5.621G	27	5.481G	28	5.617G
29	5.278G	30	5.524G	31	5.416G	32	5.397G
33	5.498G	34	5.452G	35	5.684G	36	5.520G
37	5.317G	38	5.350G	39	5.276G	40	5.613G
41	5.324G	42	5.444G	43	5.606G	44	5.700G
45	5.686G	46	5.595G	47	5.469G	48	5.316G
49	5.536G	50	5.643G	51	5.473G	52	5.510G
53	5.655G	54	5.517G	55	5.488G	56	5.414G
57	5.335G	58	5.571G	59	5.299G	60	5.251G
61	5.341G	62	5.346G	63	5.267G	64	5.372G
65	5.600G	66	5.718G	67	5.460G	68	5.551G
69	5.336G	70	5.370G	71	5.325G	72	5.323G
73	5.719G	74	5.711G	75	5.450G	76	5.519G
77	5.428G	78	5.455G	79	5.514G	80	5.401G
81	5.622G	82	5.680G	83	5.483G	84	5.688G
85	5.670G	86	5.352G	87	5.493G	88	5.633G
89	5.560G	90	5.472G	91	5.612G	92	5.547G
93	5.523G	94	5.537G	95	5.340G	96	5.562G
97	5.405G	98	5.509G	99	5.432G	100	5.468G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.360G	2	5.539G	3	5.529G	4	5.328G
5	5.540G	6	5.642G	7	5.663G	8	5.408G
9	5.442G	10	5.534G	11	5.387G	12	5.673G
13	5.314G	14	5.480G	15	5.380G	16	5.315G

17	5.388G	18	5.255G	19	5.434G	20	5.624G
21	5.609G	22	5.385G	23	5.676G	24	5.486G
25	5.656G	26	5.256G	27	5.596G	28	5.370G
29	5.253G	30	5.347G	31	5.311G	32	5.589G
33	5.447G	34	5.386G	35	5.536G	36	5.717G
37	5.362G	38	5.351G	39	5.419G	40	5.252G
41	5.532G	42	5.511G	43	5.541G	44	5.368G
45	5.397G	46	5.555G	47	5.517G	48	5.505G
49	5.674G	50	5.356G	51	5.391G	52	5.503G
53	5.266G	54	5.303G	55	5.441G	56	5.363G
57	5.607G	58	5.452G	59	5.403G	60	5.544G
61	5.497G	62	5.524G	63	5.504G	64	5.341G
65	5.518G	66	5.477G	67	5.271G	68	5.545G
69	5.340G	70	5.604G	71	5.622G	72	5.620G
73	5.588G	74	5.254G	75	5.634G	76	5.291G
77	5.651G	78	5.338G	79	5.510G	80	5.705G
81	5.584G	82	5.598G	83	5.282G	84	5.277G
85	5.490G	86	5.633G	87	5.449G	88	5.428G
89	5.472G	90	5.537G	91	5.473G	92	5.301G
93	5.454G	94	5.592G	95	5.560G	96	5.659G
97	5.453G	98	5.667G	99	5.375G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.372G	2	5.462G	3	5.365G	4	5.720G
5	5.639G	6	5.292G	7	5.250G	8	5.381G
9	5.321G	10	5.604G	11	5.614G	12	5.524G
13	5.406G	14	5.648G	15	5.714G	16	5.654G
17	5.649G	18	5.676G	19	5.278G	20	5.701G
21	5.257G	22	5.674G	23	5.385G	24	5.259G
25	5.684G	26	5.623G	27	5.425G	28	5.251G
29	5.681G	30	5.450G	31	5.452G	32	5.493G
33	5.611G	34	5.441G	35	5.607G	36	5.288G
37	5.253G	38	5.616G	39	5.287G	40	5.281G
41	5.346G	42	5.370G	43	5.470G	44	5.587G
45	5.469G	46	5.294G	47	5.383G	48	5.662G

49	5.297G	50	5.296G	51	5.423G	52	5.302G
53	5.554G	54	5.679G	55	5.721G	56	5.476G
57	5.271G	58	5.545G	59	5.465G	60	5.529G
61	5.433G	62	5.394G	63	5.408G	64	5.480G
65	5.640G	66	5.705G	67	5.695G	68	5.329G
69	5.252G	70	5.404G	71	5.358G	72	5.327G
73	5.608G	74	5.487G	75	5.308G	76	5.424G
77	5.552G	78	5.482G	79	5.660G	80	5.284G
81	5.497G	82	5.593G	83	5.379G	84	5.451G
85	5.474G	86	5.389G	87	5.366G	88	5.553G
89	5.509G	90	5.270G	91	5.436G	92	5.511G
93	5.397G	94	5.697G	95	5.561G	96	5.368G
97	5.331G	98	5.627G	99	5.264G	100	5.446G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.390G	2	5.495G	3	5.373G	4	5.593G
5	5.619G	6	5.701G	7	5.499G	8	5.328G
9	5.604G	10	5.716G	11	5.268G	12	5.363G
13	5.319G	14	5.462G	15	5.607G	16	5.389G
17	5.550G	18	5.299G	19	5.270G	20	5.576G
21	5.272G	22	5.298G	23	5.567G	24	5.485G
25	5.694G	26	5.664G	27	5.507G	28	5.291G
29	5.503G	30	5.490G	31	5.379G	32	5.520G
33	5.474G	34	5.277G	35	5.586G	36	5.626G
37	5.629G	38	5.712G	39	5.252G	40	5.256G
41	5.687G	42	5.527G	43	5.525G	44	5.672G
45	5.463G	46	5.258G	47	5.297G	48	5.616G
49	5.398G	50	5.407G	51	5.656G	52	5.519G
53	5.278G	54	5.438G	55	5.482G	56	5.362G
57	5.610G	58	5.345G	59	5.397G	60	5.406G
61	5.377G	62	5.465G	63	5.285G	64	5.383G
65	5.283G	66	5.598G	67	5.418G	68	5.679G
69	5.515G	70	5.680G	71	5.459G	72	5.713G
73	5.329G	74	5.572G	75	5.251G	76	5.600G
77	5.643G	78	5.414G	79	5.533G	80	5.575G

81	5.501G	82	5.456G	83	5.574G	84	5.662G
85	5.486G	86	5.536G	87	5.342G	88	5.468G
89	5.502G	90	5.361G	91	5.324G	92	5.671G
93	5.674G	94	5.685G	95	5.670G	96	5.271G
97	5.552G	98	5.690G	99	5.621G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.586G	2	5.546G	3	5.288G	4	5.692G
5	5.671G	6	5.506G	7	5.518G	8	5.581G
9	5.327G	10	5.466G	11	5.445G	12	5.640G
13	5.393G	14	5.464G	15	5.557G	16	5.451G
17	5.515G	18	5.497G	19	5.381G	20	5.603G
21	5.651G	22	5.532G	23	5.605G	24	5.350G
25	5.659G	26	5.587G	27	5.337G	28	5.538G
29	5.417G	30	5.324G	31	5.593G	32	5.265G
33	5.668G	34	5.331G	35	5.524G	36	5.369G
37	5.295G	38	5.434G	39	5.340G	40	5.374G
41	5.554G	42	5.279G	43	5.573G	44	5.334G
45	5.648G	46	5.401G	47	5.533G	48	5.366G
49	5.509G	50	5.519G	51	5.678G	52	5.282G
53	5.535G	54	5.572G	55	5.493G	56	5.612G
57	5.260G	58	5.565G	59	5.473G	60	5.551G
61	5.676G	62	5.405G	63	5.602G	64	5.343G
65	5.411G	66	5.297G	67	5.528G	68	5.488G
69	5.664G	70	5.517G	71	5.294G	72	5.641G
73	5.346G	74	5.280G	75	5.492G	76	5.276G
77	5.426G	78	5.472G	79	5.400G	80	5.635G
81	5.662G	82	5.392G	83	5.433G	84	5.454G
85	5.627G	86	5.320G	87	5.481G	88	5.457G
89	5.632G	90	5.325G	91	5.542G	92	5.520G
93	5.544G	94	5.476G	95	5.446G	96	5.371G
97	5.511G	98	5.437G	99	5.341G	100	5.432G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.469G	2	5.535G	3	5.507G	4	5.581G
5	5.289G	6	5.388G	7	5.424G	8	5.263G
9	5.499G	10	5.504G	11	5.627G	12	5.615G
13	5.512G	14	5.331G	15	5.255G	16	5.427G
17	5.674G	18	5.595G	19	5.308G	20	5.417G
21	5.500G	22	5.276G	23	5.342G	24	5.508G
25	5.265G	26	5.625G	27	5.655G	28	5.287G
29	5.476G	30	5.441G	31	5.357G	32	5.551G
33	5.367G	34	5.657G	35	5.663G	36	5.334G
37	5.349G	38	5.456G	39	5.317G	40	5.310G
41	5.699G	42	5.513G	43	5.394G	44	5.578G
45	5.613G	46	5.598G	47	5.447G	48	5.299G
49	5.689G	50	5.608G	51	5.543G	52	5.509G
53	5.442G	54	5.580G	55	5.489G	56	5.633G
57	5.384G	58	5.606G	59	5.596G	60	5.392G
61	5.665G	62	5.545G	63	5.488G	64	5.347G
65	5.612G	66	5.594G	67	5.294G	68	5.587G
69	5.709G	70	5.403G	71	5.571G	72	5.429G
73	5.568G	74	5.399G	75	5.601G	76	5.680G
77	5.460G	78	5.711G	79	5.632G	80	5.438G
81	5.673G	82	5.258G	83	5.444G	84	5.383G
85	5.382G	86	5.715G	87	5.710G	88	5.369G
89	5.542G	90	5.462G	91	5.524G	92	5.293G
93	5.345G	94	5.497G	95	5.698G	96	5.272G
97	5.360G	98	5.282G	99	5.285G	100	5.336G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.681G	2	5.297G	3	5.566G	4	5.716G
5	5.660G	6	5.411G	7	5.265G	8	5.644G
9	5.299G	10	5.652G	11	5.693G	12	5.324G
13	5.462G	14	5.494G	15	5.381G	16	5.659G

17	5.536G	18	5.658G	19	5.582G	20	5.613G
21	5.427G	22	5.556G	23	5.590G	24	5.680G
25	5.522G	26	5.346G	27	5.524G	28	5.375G
29	5.495G	30	5.583G	31	5.403G	32	5.351G
33	5.521G	34	5.394G	35	5.534G	36	5.537G
37	5.263G	38	5.353G	39	5.540G	40	5.508G
41	5.712G	42	5.614G	43	5.682G	44	5.328G
45	5.314G	46	5.548G	47	5.448G	48	5.281G
49	5.560G	50	5.707G	51	5.477G	52	5.266G
53	5.463G	54	5.663G	55	5.335G	56	5.358G
57	5.673G	58	5.486G	59	5.319G	60	5.684G
61	5.250G	62	5.464G	63	5.307G	64	5.269G
65	5.704G	66	5.268G	67	5.645G	68	5.348G
69	5.509G	70	5.599G	71	5.551G	72	5.384G
73	5.605G	74	5.277G	75	5.557G	76	5.460G
77	5.301G	78	5.697G	79	5.279G	80	5.574G
81	5.472G	82	5.654G	83	5.554G	84	5.339G
85	5.300G	86	5.349G	87	5.553G	88	5.261G
89	5.305G	90	5.392G	91	5.713G	92	5.256G
93	5.451G	94	5.543G	95	5.452G	96	5.723G
97	5.710G	98	5.571G	99	5.391G	100	5.419G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.335G	2	5.279G	3	5.409G	4	5.591G
5	5.449G	6	5.372G	7	5.698G	8	5.488G
9	5.711G	10	5.349G	11	5.504G	12	5.389G
13	5.693G	14	5.724G	15	5.688G	16	5.677G
17	5.427G	18	5.400G	19	5.408G	20	5.630G
21	5.421G	22	5.351G	23	5.384G	24	5.539G
25	5.470G	26	5.433G	27	5.594G	28	5.358G
29	5.516G	30	5.695G	31	5.283G	32	5.567G
33	5.662G	34	5.687G	35	5.387G	36	5.286G
37	5.692G	38	5.289G	39	5.263G	40	5.524G
41	5.480G	42	5.555G	43	5.533G	44	5.685G
45	5.571G	46	5.673G	47	5.601G	48	5.613G

49	5.434G	50	5.336G	51	5.432G	52	5.355G
53	5.292G	54	5.535G	55	5.293G	56	5.402G
57	5.624G	58	5.312G	59	5.458G	60	5.258G
61	5.288G	62	5.318G	63	5.469G	64	5.543G
65	5.284G	66	5.250G	67	5.334G	68	5.712G
69	5.708G	70	5.495G	71	5.394G	72	5.626G
73	5.716G	74	5.486G	75	5.399G	76	5.661G
77	5.442G	78	5.315G	79	5.491G	80	5.635G
81	5.373G	82	5.599G	83	5.713G	84	5.689G
85	5.592G	86	5.300G	87	5.407G	88	5.482G
89	5.479G	90	5.271G	91	5.252G	92	5.657G
93	5.720G	94	5.361G	95	5.575G	96	5.505G
97	5.605G	98	5.569G	99	5.699G	100	5.357G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.557G	2	5.354G	3	5.510G	4	5.472G
5	5.486G	6	5.599G	7	5.507G	8	5.674G
9	5.588G	10	5.642G	11	5.384G	12	5.643G
13	5.438G	14	5.504G	15	5.368G	16	5.379G
17	5.597G	18	5.272G	19	5.627G	20	5.309G
21	5.686G	22	5.473G	23	5.447G	24	5.437G
25	5.459G	26	5.441G	27	5.339G	28	5.399G
29	5.414G	30	5.422G	31	5.471G	32	5.549G
33	5.365G	34	5.427G	35	5.589G	36	5.457G
37	5.250G	38	5.560G	39	5.509G	40	5.362G
41	5.622G	42	5.286G	43	5.446G	44	5.647G
45	5.251G	46	5.381G	47	5.723G	48	5.639G
49	5.319G	50	5.341G	51	5.493G	52	5.275G
53	5.649G	54	5.301G	55	5.421G	56	5.546G
57	5.376G	58	5.646G	59	5.351G	60	5.453G
61	5.383G	62	5.566G	63	5.574G	64	5.634G
65	5.334G	66	5.335G	67	5.681G	68	5.288G
69	5.629G	70	5.416G	71	5.697G	72	5.675G
73	5.324G	74	5.570G	75	5.415G	76	5.534G
77	5.495G	78	5.367G	79	5.442G	80	5.269G

81	5.363G	82	5.332G	83	5.718G	84	5.496G
85	5.326G	86	5.502G	87	5.462G	88	5.338G
89	5.568G	90	5.274G	91	5.487G	92	5.400G
93	5.340G	94	5.703G	95	5.308G	96	5.617G
97	5.467G	98	5.481G	99	5.408G	100	5.527G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.715G	2	5.416G	3	5.503G	4	5.268G
5	5.522G	6	5.386G	7	5.393G	8	5.701G
9	5.603G	10	5.536G	11	5.609G	12	5.674G
13	5.322G	14	5.628G	15	5.371G	16	5.296G
17	5.523G	18	5.307G	19	5.667G	20	5.562G
21	5.716G	22	5.624G	23	5.526G	24	5.445G
25	5.286G	26	5.396G	27	5.613G	28	5.413G
29	5.290G	30	5.453G	31	5.653G	32	5.534G
33	5.449G	34	5.508G	35	5.622G	36	5.302G
37	5.610G	38	5.528G	39	5.267G	40	5.274G
41	5.563G	42	5.575G	43	5.460G	44	5.565G
45	5.553G	46	5.279G	47	5.649G	48	5.581G
49	5.295G	50	5.527G	51	5.507G	52	5.510G
53	5.498G	54	5.555G	55	5.350G	56	5.437G
57	5.487G	58	5.712G	59	5.645G	60	5.646G
61	5.480G	62	5.404G	63	5.580G	64	5.304G
65	5.361G	66	5.431G	67	5.492G	68	5.556G
69	5.261G	70	5.722G	71	5.489G	72	5.567G
73	5.547G	74	5.506G	75	5.647G	76	5.641G
77	5.482G	78	5.379G	79	5.584G	80	5.277G
81	5.402G	82	5.656G	83	5.419G	84	5.280G
85	5.356G	86	5.615G	87	5.317G	88	5.644G
89	5.633G	90	5.600G	91	5.474G	92	5.446G
93	5.626G	94	5.363G	95	5.335G	96	5.518G
97	5.625G	98	5.458G	99	5.512G	100	5.385G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.570G	2	5.686G	3	5.303G	4	5.475G
5	5.452G	6	5.665G	7	5.585G	8	5.709G
9	5.344G	10	5.685G	11	5.315G	12	5.291G
13	5.612G	14	5.443G	15	5.365G	16	5.527G
17	5.262G	18	5.597G	19	5.460G	20	5.639G
21	5.415G	22	5.592G	23	5.277G	24	5.550G
25	5.510G	26	5.252G	27	5.502G	28	5.371G
29	5.485G	30	5.551G	31	5.573G	32	5.423G
33	5.651G	34	5.354G	35	5.619G	36	5.604G
37	5.429G	38	5.450G	39	5.589G	40	5.465G
41	5.642G	42	5.323G	43	5.489G	44	5.362G
45	5.541G	46	5.716G	47	5.404G	48	5.266G
49	5.357G	50	5.383G	51	5.313G	52	5.464G
53	5.408G	54	5.395G	55	5.342G	56	5.372G
57	5.436G	58	5.506G	59	5.547G	60	5.382G
61	5.717G	62	5.483G	63	5.476G	64	5.498G
65	5.525G	66	5.420G	67	5.611G	68	5.314G
69	5.625G	70	5.528G	71	5.655G	72	5.417G
73	5.523G	74	5.468G	75	5.711G	76	5.622G
77	5.289G	78	5.398G	79	5.563G	80	5.705G
81	5.334G	82	5.311G	83	5.276G	84	5.445G
85	5.279G	86	5.623G	87	5.630G	88	5.519G
89	5.514G	90	5.713G	91	5.499G	92	5.255G
93	5.346G	94	5.422G	95	5.271G	96	5.471G
97	5.520G	98	5.682G	99	5.331G	100	5.274G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.692G	2	5.631G	3	5.695G	4	5.355G
5	5.560G	6	5.434G	7	5.314G	8	5.372G
9	5.307G	10	5.281G	11	5.320G	12	5.639G
13	5.722G	14	5.295G	15	5.336G	16	5.538G

17	5.619G	18	5.696G	19	5.520G	20	5.449G
21	5.565G	22	5.410G	23	5.416G	24	5.620G
25	5.359G	26	5.265G	27	5.366G	28	5.316G
29	5.614G	30	5.721G	31	5.369G	32	5.502G
33	5.637G	34	5.418G	35	5.358G	36	5.406G
37	5.628G	38	5.350G	39	5.392G	40	5.624G
41	5.682G	42	5.584G	43	5.326G	44	5.710G
45	5.564G	46	5.362G	47	5.365G	48	5.493G
49	5.472G	50	5.417G	51	5.383G	52	5.598G
53	5.640G	54	5.514G	55	5.476G	56	5.464G
57	5.258G	58	5.600G	59	5.648G	60	5.428G
61	5.714G	62	5.563G	63	5.511G	64	5.504G
65	5.415G	66	5.551G	67	5.360G	68	5.364G
69	5.540G	70	5.426G	71	5.609G	72	5.303G
73	5.705G	74	5.669G	75	5.381G	76	5.618G
77	5.409G	78	5.436G	79	5.465G	80	5.371G
81	5.315G	82	5.509G	83	5.251G	84	5.422G
85	5.591G	86	5.704G	87	5.462G	88	5.571G
89	5.480G	90	5.534G	91	5.604G	92	5.617G
93	5.266G	94	5.405G	95	5.699G	96	5.542G
97	5.583G	98	5.429G	99	5.455G	100	5.566G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.300G	2	5.601G	3	5.543G	4	5.663G
5	5.672G	6	5.333G	7	5.251G	8	5.694G
9	5.296G	10	5.546G	11	5.651G	12	5.580G
13	5.609G	14	5.255G	15	5.389G	16	5.331G
17	5.649G	18	5.480G	19	5.494G	20	5.262G
21	5.280G	22	5.662G	23	5.286G	24	5.684G
25	5.723G	26	5.449G	27	5.564G	28	5.308G
29	5.525G	30	5.719G	31	5.485G	32	5.716G
33	5.460G	34	5.659G	35	5.320G	36	5.334G
37	5.269G	38	5.691G	39	5.274G	40	5.602G
41	5.473G	42	5.417G	43	5.376G	44	5.624G
45	5.455G	46	5.491G	47	5.384G	48	5.548G

49	5.704G	50	5.617G	51	5.463G	52	5.397G
53	5.582G	54	5.541G	55	5.346G	56	5.706G
57	5.655G	58	5.457G	59	5.524G	60	5.501G
61	5.608G	62	5.500G	63	5.613G	64	5.616G
65	5.344G	66	5.342G	67	5.432G	68	5.592G
69	5.482G	70	5.685G	71	5.254G	72	5.355G
73	5.268G	74	5.295G	75	5.423G	76	5.681G
77	5.702G	78	5.270G	79	5.358G	80	5.657G
81	5.631G	82	5.361G	83	5.492G	84	5.687G
85	5.435G	86	5.669G	87	5.629G	88	5.641G
89	5.724G	90	5.664G	91	5.510G	92	5.446G
93	5.356G	94	5.375G	95	5.508G	96	5.633G
97	5.636G	98	5.567G	99	5.388G	100	5.709G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.337G	2	5.545G	3	5.663G	4	5.639G
5	5.275G	6	5.392G	7	5.441G	8	5.382G
9	5.436G	10	5.458G	11	5.293G	12	5.704G
13	5.691G	14	5.570G	15	5.571G	16	5.318G
17	5.395G	18	5.499G	19	5.273G	20	5.467G
21	5.292G	22	5.457G	23	5.438G	24	5.389G
25	5.488G	26	5.614G	27	5.340G	28	5.426G
29	5.575G	30	5.546G	31	5.505G	32	5.484G
33	5.497G	34	5.385G	35	5.325G	36	5.702G
37	5.435G	38	5.281G	39	5.429G	40	5.277G
41	5.321G	42	5.523G	43	5.641G	44	5.280G
45	5.268G	46	5.473G	47	5.599G	48	5.490G
49	5.364G	50	5.620G	51	5.690G	52	5.476G
53	5.464G	54	5.347G	55	5.468G	56	5.269G
57	5.362G	58	5.656G	59	5.352G	60	5.598G
61	5.581G	62	5.677G	63	5.513G	64	5.645G
65	5.492G	66	5.559G	67	5.410G	68	5.311G
69	5.605G	70	5.363G	71	5.294G	72	5.720G
73	5.664G	74	5.303G	75	5.306G	76	5.322G
77	5.459G	78	5.462G	79	5.350G	80	5.650G

81	5.518G	82	5.602G	83	5.422G	84	5.255G
85	5.349G	86	5.589G	87	5.673G	88	5.433G
89	5.592G	90	5.500G	91	5.308G	92	5.522G
93	5.359G	94	5.684G	95	5.706G	96	5.394G
97	5.411G	98	5.301G	99	5.536G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.694G	2	5.396G	3	5.599G	4	5.433G
5	5.518G	6	5.558G	7	5.597G	8	5.641G
9	5.358G	10	5.273G	11	5.585G	12	5.648G
13	5.464G	14	5.327G	15	5.687G	16	5.579G
17	5.710G	18	5.507G	19	5.574G	20	5.535G
21	5.472G	22	5.329G	23	5.444G	24	5.402G
25	5.504G	26	5.345G	27	5.251G	28	5.501G
29	5.521G	30	5.466G	31	5.651G	32	5.652G
33	5.623G	34	5.699G	35	5.642G	36	5.635G
37	5.388G	38	5.283G	39	5.611G	40	5.479G
41	5.404G	42	5.532G	43	5.305G	44	5.555G
45	5.716G	46	5.573G	47	5.392G	48	5.410G
49	5.605G	50	5.499G	51	5.720G	52	5.266G
53	5.290G	54	5.477G	55	5.671G	56	5.265G
57	5.602G	58	5.629G	59	5.539G	60	5.649G
61	5.427G	62	5.352G	63	5.348G	64	5.319G
65	5.633G	66	5.541G	67	5.566G	68	5.469G
69	5.645G	70	5.280G	71	5.432G	72	5.526G
73	5.372G	74	5.701G	75	5.529G	76	5.511G
77	5.692G	78	5.306G	79	5.409G	80	5.301G
81	5.422G	82	5.588G	83	5.333G	84	5.636G
85	5.679G	86	5.286G	87	5.376G	88	5.453G
89	5.693G	90	5.340G	91	5.321G	92	5.682G
93	5.436G	94	5.516G	95	5.324G	96	5.312G
97	5.335G	98	5.680G	99	5.657G	100	5.525G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.532G	2	5.525G	3	5.639G	4	5.420G
5	5.452G	6	5.588G	7	5.370G	8	5.666G
9	5.710G	10	5.546G	11	5.618G	12	5.537G
13	5.341G	14	5.545G	15	5.548G	16	5.428G
17	5.581G	18	5.433G	19	5.330G	20	5.252G
21	5.699G	22	5.460G	23	5.320G	24	5.722G
25	5.299G	26	5.461G	27	5.379G	28	5.579G
29	5.289G	30	5.516G	31	5.281G	32	5.705G
33	5.274G	34	5.691G	35	5.390G	36	5.453G
37	5.605G	38	5.576G	39	5.368G	40	5.312G
41	5.657G	42	5.251G	43	5.700G	44	5.599G
45	5.389G	46	5.587G	47	5.441G	48	5.393G
49	5.396G	50	5.558G	51	5.570G	52	5.696G
53	5.273G	54	5.712G	55	5.512G	56	5.324G
57	5.363G	58	5.536G	59	5.514G	60	5.637G
61	5.476G	62	5.526G	63	5.386G	64	5.724G
65	5.276G	66	5.353G	67	5.694G	68	5.604G
69	5.398G	70	5.406G	71	5.268G	72	5.651G
73	5.407G	74	5.552G	75	5.430G	76	5.351G
77	5.586G	78	5.255G	79	5.489G	80	5.491G
81	5.561G	82	5.437G	83	5.290G	84	5.286G
85	5.462G	86	5.601G	87	5.478G	88	5.253G
89	5.294G	90	5.563G	91	5.580G	92	5.467G
93	5.697G	94	5.585G	95	5.442G	96	5.271G
97	5.372G	98	5.358G	99	5.627G	100	5.573G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.494G	2	5.502G	3	5.265G	4	5.341G
5	5.587G	6	5.324G	7	5.651G	8	5.646G
9	5.388G	10	5.336G	11	5.375G	12	5.686G
13	5.446G	14	5.286G	15	5.438G	16	5.546G

17	5.605G	18	5.325G	19	5.397G	20	5.292G
21	5.687G	22	5.469G	23	5.419G	24	5.252G
25	5.250G	26	5.370G	27	5.301G	28	5.367G
29	5.433G	30	5.372G	31	5.669G	32	5.580G
33	5.436G	34	5.475G	35	5.693G	36	5.281G
37	5.632G	38	5.611G	39	5.684G	40	5.365G
41	5.304G	42	5.368G	43	5.429G	44	5.486G
45	5.568G	46	5.711G	47	5.618G	48	5.588G
49	5.679G	50	5.575G	51	5.523G	52	5.342G
53	5.552G	54	5.551G	55	5.542G	56	5.500G
57	5.600G	58	5.696G	59	5.437G	60	5.330G
61	5.378G	62	5.521G	63	5.333G	64	5.257G
65	5.474G	66	5.283G	67	5.556G	68	5.709G
69	5.589G	70	5.690G	71	5.519G	72	5.620G
73	5.569G	74	5.673G	75	5.456G	76	5.721G
77	5.510G	78	5.629G	79	5.595G	80	5.572G
81	5.671G	82	5.592G	83	5.454G	84	5.302G
85	5.549G	86	5.263G	87	5.633G	88	5.260G
89	5.358G	90	5.499G	91	5.347G	92	5.615G
93	5.295G	94	5.626G	95	5.635G	96	5.648G
97	5.562G	98	5.545G	99	5.363G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.480G	2	5.550G	3	5.317G	4	5.489G
5	5.302G	6	5.639G	7	5.281G	8	5.655G
9	5.584G	10	5.377G	11	5.644G	12	5.511G
13	5.466G	14	5.284G	15	5.717G	16	5.517G
17	5.339G	18	5.420G	19	5.452G	20	5.706G
21	5.676G	22	5.326G	23	5.437G	24	5.557G
25	5.528G	26	5.306G	27	5.615G	28	5.330G
29	5.458G	30	5.634G	31	5.361G	32	5.618G
33	5.402G	34	5.659G	35	5.414G	36	5.373G
37	5.356G	38	5.716G	39	5.670G	40	5.555G
41	5.464G	42	5.498G	43	5.305G	44	5.496G
45	5.697G	46	5.544G	47	5.718G	48	5.411G

49	5.581G	50	5.380G	51	5.470G	52	5.625G
53	5.474G	54	5.512G	55	5.565G	56	5.390G
57	5.471G	58	5.477G	59	5.694G	60	5.312G
61	5.638G	62	5.448G	63	5.265G	64	5.304G
65	5.325G	66	5.340G	67	5.617G	68	5.428G
69	5.486G	70	5.445G	71	5.570G	72	5.499G
73	5.668G	74	5.711G	75	5.522G	76	5.707G
77	5.621G	78	5.258G	79	5.319G	80	5.594G
81	5.721G	82	5.401G	83	5.275G	84	5.327G
85	5.684G	86	5.627G	87	5.666G	88	5.364G
89	5.588G	90	5.423G	91	5.314G	92	5.646G
93	5.609G	94	5.495G	95	5.505G	96	5.371G
97	5.378G	98	5.571G	99	5.267G	100	5.294G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.433G	2	5.444G	3	5.650G	4	5.526G
5	5.502G	6	5.578G	7	5.633G	8	5.535G
9	5.525G	10	5.453G	11	5.408G	12	5.252G
13	5.335G	14	5.314G	15	5.476G	16	5.488G
17	5.381G	18	5.466G	19	5.486G	20	5.465G
21	5.402G	22	5.388G	23	5.417G	24	5.359G
25	5.594G	26	5.581G	27	5.682G	28	5.516G
29	5.687G	30	5.534G	31	5.382G	32	5.627G
33	5.303G	34	5.553G	35	5.318G	36	5.674G
37	5.622G	38	5.681G	39	5.663G	40	5.629G
41	5.375G	42	5.256G	43	5.436G	44	5.442G
45	5.504G	46	5.557G	47	5.283G	48	5.396G
49	5.548G	50	5.491G	51	5.560G	52	5.524G
53	5.659G	54	5.518G	55	5.684G	56	5.700G
57	5.694G	58	5.308G	59	5.641G	60	5.686G
61	5.704G	62	5.645G	63	5.360G	64	5.251G
65	5.520G	66	5.685G	67	5.723G	68	5.443G
69	5.519G	70	5.537G	71	5.693G	72	5.306G
73	5.485G	74	5.374G	75	5.324G	76	5.469G
77	5.377G	78	5.281G	79	5.334G	80	5.427G

81	5.527G	82	5.562G	83	5.540G	84	5.559G
85	5.495G	86	5.699G	87	5.386G	88	5.490G
89	5.446G	90	5.398G	91	5.387G	92	5.270G
93	5.696G	94	5.618G	95	5.362G	96	5.625G
97	5.636G	98	5.333G	99	5.370G	100	5.635G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.658G	2	5.621G	3	5.315G	4	5.292G
5	5.397G	6	5.404G	7	5.559G	8	5.419G
9	5.319G	10	5.432G	11	5.626G	12	5.288G
13	5.301G	14	5.424G	15	5.331G	16	5.444G
17	5.276G	18	5.411G	19	5.457G	20	5.587G
21	5.258G	22	5.325G	23	5.588G	24	5.524G
25	5.590G	26	5.498G	27	5.256G	28	5.263G
29	5.724G	30	5.604G	31	5.671G	32	5.311G
33	5.441G	34	5.352G	35	5.414G	36	5.591G
37	5.402G	38	5.574G	39	5.416G	40	5.595G
41	5.639G	42	5.508G	43	5.686G	44	5.310G
45	5.680G	46	5.420G	47	5.600G	48	5.718G
49	5.597G	50	5.278G	51	5.328G	52	5.714G
53	5.447G	54	5.425G	55	5.346G	56	5.380G
57	5.715G	58	5.478G	59	5.702G	60	5.455G
61	5.378G	62	5.453G	63	5.463G	64	5.413G
65	5.497G	66	5.365G	67	5.684G	68	5.540G
69	5.647G	70	5.691G	71	5.583G	72	5.573G
73	5.555G	74	5.385G	75	5.664G	76	5.557G
77	5.538G	78	5.619G	79	5.662G	80	5.607G
81	5.262G	82	5.461G	83	5.677G	84	5.690G
85	5.334G	86	5.640G	87	5.490G	88	5.282G
89	5.589G	90	5.322G	91	5.415G	92	5.682G
93	5.650G	94	5.532G	95	5.526G	96	5.456G
97	5.685G	98	5.486G	99	5.562G	100	5.268G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.380G	3	5.355G	4	5.413G
5	5.423G	6	5.634G	7	5.481G	8	5.538G
9	5.557G	10	5.524G	11	5.702G	12	5.708G
13	5.480G	14	5.283G	15	5.611G	16	5.332G
17	5.286G	18	5.706G	19	5.410G	20	5.590G
21	5.285G	22	5.601G	23	5.560G	24	5.454G
25	5.672G	26	5.654G	27	5.309G	28	5.665G
29	5.373G	30	5.575G	31	5.494G	32	5.586G
33	5.683G	34	5.404G	35	5.374G	36	5.529G
37	5.382G	38	5.495G	39	5.272G	40	5.610G
41	5.599G	42	5.582G	43	5.327G	44	5.395G
45	5.455G	46	5.488G	47	5.392G	48	5.699G
49	5.357G	50	5.457G	51	5.521G	52	5.571G
53	5.558G	54	5.504G	55	5.350G	56	5.580G
57	5.409G	58	5.320G	59	5.482G	60	5.551G
61	5.372G	62	5.408G	63	5.546G	64	5.644G
65	5.518G	66	5.279G	67	5.626G	68	5.663G
69	5.325G	70	5.446G	71	5.641G	72	5.428G
73	5.613G	74	5.343G	75	5.662G	76	5.267G
77	5.338G	78	5.429G	79	5.281G	80	5.587G
81	5.414G	82	5.588G	83	5.612G	84	5.351G
85	5.334G	86	5.473G	87	5.388G	88	5.323G
89	5.311G	90	5.420G	91	5.687G	92	5.252G
93	5.554G	94	5.532G	95	5.520G	96	5.450G
97	5.250G	98	5.312G	99	5.537G	100	5.681G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.298G	2	5.291G	3	5.438G	4	5.412G
5	5.710G	6	5.623G	7	5.253G	8	5.403G
9	5.465G	10	5.603G	11	5.671G	12	5.677G
13	5.341G	14	5.575G	15	5.700G	16	5.513G

17	5.334G	18	5.565G	19	5.602G	20	5.490G
21	5.489G	22	5.706G	23	5.391G	24	5.505G
25	5.445G	26	5.271G	27	5.451G	28	5.521G
29	5.443G	30	5.503G	31	5.378G	32	5.407G
33	5.702G	34	5.492G	35	5.716G	36	5.462G
37	5.367G	38	5.532G	39	5.313G	40	5.568G
41	5.457G	42	5.512G	43	5.526G	44	5.448G
45	5.260G	46	5.610G	47	5.349G	48	5.488G
49	5.546G	50	5.431G	51	5.621G	52	5.394G
53	5.593G	54	5.357G	55	5.600G	56	5.718G
57	5.250G	58	5.536G	59	5.425G	60	5.651G
61	5.471G	62	5.328G	63	5.551G	64	5.325G
65	5.484G	66	5.257G	67	5.516G	68	5.315G
69	5.312G	70	5.676G	71	5.429G	72	5.658G
73	5.361G	74	5.455G	75	5.715G	76	5.454G
77	5.292G	78	5.293G	79	5.607G	80	5.491G
81	5.632G	82	5.380G	83	5.464G	84	5.339G
85	5.265G	86	5.332G	87	5.501G	88	5.420G
89	5.288G	90	5.338G	91	5.708G	92	5.500G
93	5.535G	94	5.336G	95	5.606G	96	5.277G
97	5.297G	98	5.347G	99	5.428G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.457G	2	5.606G	3	5.643G	4	5.385G
5	5.359G	6	5.300G	7	5.705G	8	5.516G
9	5.664G	10	5.540G	11	5.467G	12	5.524G
13	5.689G	14	5.517G	15	5.408G	16	5.473G
17	5.554G	18	5.253G	19	5.341G	20	5.709G
21	5.308G	22	5.616G	23	5.425G	24	5.316G
25	5.426G	26	5.564G	27	5.532G	28	5.507G
29	5.432G	30	5.347G	31	5.596G	32	5.447G
33	5.419G	34	5.281G	35	5.671G	36	5.427G
37	5.499G	38	5.417G	39	5.510G	40	5.323G
41	5.333G	42	5.340G	43	5.339G	44	5.519G
45	5.520G	46	5.583G	47	5.319G	48	5.617G

49	5.442G	50	5.605G	51	5.556G	52	5.441G
53	5.423G	54	5.259G	55	5.402G	56	5.560G
57	5.655G	58	5.672G	59	5.570G	60	5.378G
61	5.375G	62	5.250G	63	5.491G	64	5.508G
65	5.460G	66	5.266G	67	5.607G	68	5.327G
69	5.626G	70	5.464G	71	5.381G	72	5.511G
73	5.527G	74	5.715G	75	5.396G	76	5.551G
77	5.639G	78	5.498G	79	5.724G	80	5.406G
81	5.625G	82	5.346G	83	5.474G	84	5.404G
85	5.542G	86	5.669G	87	5.365G	88	5.334G
89	5.366G	90	5.629G	91	5.566G	92	5.707G
93	5.571G	94	5.533G	95	5.355G	96	5.387G
97	5.553G	98	5.384G	99	5.698G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.575G	2	5.626G	3	5.353G	4	5.711G
5	5.333G	6	5.310G	7	5.622G	8	5.449G
9	5.365G	10	5.266G	11	5.428G	12	5.640G
13	5.271G	14	5.508G	15	5.360G	16	5.662G
17	5.699G	18	5.442G	19	5.342G	20	5.309G
21	5.724G	22	5.593G	23	5.494G	24	5.377G
25	5.621G	26	5.650G	27	5.500G	28	5.414G
29	5.679G	30	5.437G	31	5.493G	32	5.697G
33	5.435G	34	5.253G	35	5.363G	36	5.301G
37	5.282G	38	5.361G	39	5.696G	40	5.644G
41	5.330G	42	5.512G	43	5.666G	44	5.591G
45	5.319G	46	5.505G	47	5.659G	48	5.570G
49	5.345G	50	5.433G	51	5.459G	52	5.571G
53	5.671G	54	5.292G	55	5.481G	56	5.631G
57	5.400G	58	5.311G	59	5.348G	60	5.661G
61	5.688G	62	5.670G	63	5.487G	64	5.636G
65	5.677G	66	5.395G	67	5.286G	68	5.473G
69	5.429G	70	5.371G	71	5.555G	72	5.663G
73	5.656G	74	5.427G	75	5.384G	76	5.474G
77	5.684G	78	5.385G	79	5.669G	80	5.358G

81	5.318G	82	5.551G	83	5.339G	84	5.329G
85	5.406G	86	5.519G	87	5.685G	88	5.614G
89	5.578G	90	5.317G	91	5.562G	92	5.274G
93	5.629G	94	5.664G	95	5.510G	96	5.520G
97	5.464G	98	5.420G	99	5.709G	100	5.392G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.311G	2	5.444G	3	5.604G	4	5.701G
5	5.380G	6	5.360G	7	5.467G	8	5.435G
9	5.667G	10	5.285G	11	5.681G	12	5.481G
13	5.510G	14	5.632G	15	5.704G	16	5.335G
17	5.353G	18	5.297G	19	5.715G	20	5.363G
21	5.355G	22	5.655G	23	5.647G	24	5.587G
25	5.506G	26	5.443G	27	5.685G	28	5.682G
29	5.372G	30	5.546G	31	5.418G	32	5.344G
33	5.686G	34	5.450G	35	5.601G	36	5.586G
37	5.286G	38	5.528G	39	5.397G	40	5.621G
41	5.660G	42	5.376G	43	5.634G	44	5.574G
45	5.290G	46	5.449G	47	5.294G	48	5.252G
49	5.436G	50	5.643G	51	5.623G	52	5.517G
53	5.599G	54	5.354G	55	5.288G	56	5.600G
57	5.373G	58	5.575G	59	5.283G	60	5.390G
61	5.437G	62	5.357G	63	5.405G	64	5.377G
65	5.356G	66	5.552G	67	5.280G	68	5.523G
69	5.262G	70	5.555G	71	5.584G	72	5.694G
73	5.386G	74	5.388G	75	5.287G	76	5.442G
77	5.626G	78	5.696G	79	5.317G	80	5.568G
81	5.277G	82	5.349G	83	5.381G	84	5.332G
85	5.341G	86	5.375G	87	5.663G	88	5.557G
89	5.480G	90	5.619G	91	5.447G	92	5.433G
93	5.305G	94	5.659G	95	5.382G	96	5.702G
97	5.678G	98	5.675G	99	5.414G	100	5.499G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.351G	2	5.607G	3	5.266G	4	5.453G
5	5.597G	6	5.589G	7	5.524G	8	5.509G
9	5.545G	10	5.689G	11	5.594G	12	5.486G
13	5.659G	14	5.284G	15	5.446G	16	5.297G
17	5.301G	18	5.363G	19	5.703G	20	5.334G
21	5.559G	22	5.507G	23	5.652G	24	5.553G
25	5.426G	26	5.476G	27	5.688G	28	5.478G
29	5.636G	30	5.644G	31	5.469G	32	5.618G
33	5.264G	34	5.291G	35	5.406G	36	5.540G
37	5.421G	38	5.626G	39	5.653G	40	5.583G
41	5.528G	42	5.444G	43	5.279G	44	5.674G
45	5.359G	46	5.340G	47	5.648G	48	5.654G
49	5.313G	50	5.401G	51	5.515G	52	5.414G
53	5.699G	54	5.701G	55	5.669G	56	5.529G
57	5.564G	58	5.704G	59	5.723G	60	5.367G
61	5.543G	62	5.620G	63	5.415G	64	5.602G
65	5.463G	66	5.338G	67	5.535G	68	5.514G
69	5.690G	70	5.517G	71	5.306G	72	5.627G
73	5.276G	74	5.643G	75	5.554G	76	5.670G
77	5.318G	78	5.428G	79	5.615G	80	5.445G
81	5.640G	82	5.369G	83	5.650G	84	5.573G
85	5.492G	86	5.390G	87	5.682G	88	5.253G
89	5.707G	90	5.332G	91	5.450G	92	5.419G
93	5.438G	94	5.275G	95	5.588G	96	5.370G
97	5.661G	98	5.609G	99	5.403G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.568G	2	5.643G	3	5.663G	4	5.455G
5	5.721G	6	5.717G	7	5.684G	8	5.296G
9	5.410G	10	5.599G	11	5.438G	12	5.291G
13	5.601G	14	5.418G	15	5.584G	16	5.656G

17	5.316G	18	5.645G	19	5.343G	20	5.533G
21	5.631G	22	5.390G	23	5.624G	24	5.425G
25	5.285G	26	5.298G	27	5.610G	28	5.370G
29	5.378G	30	5.332G	31	5.262G	32	5.567G
33	5.628G	34	5.561G	35	5.661G	36	5.685G
37	5.385G	38	5.264G	39	5.452G	40	5.576G
41	5.676G	42	5.436G	43	5.473G	44	5.569G
45	5.642G	46	5.278G	47	5.539G	48	5.557G
49	5.272G	50	5.715G	51	5.507G	52	5.456G
53	5.334G	54	5.590G	55	5.703G	56	5.397G
57	5.708G	58	5.387G	59	5.335G	60	5.594G
61	5.523G	62	5.664G	63	5.578G	64	5.617G
65	5.421G	66	5.486G	67	5.705G	68	5.668G
69	5.250G	70	5.424G	71	5.259G	72	5.640G
73	5.449G	74	5.266G	75	5.572G	76	5.724G
77	5.618G	78	5.622G	79	5.419G	80	5.646G
81	5.277G	82	5.398G	83	5.516G	84	5.595G
85	5.588G	86	5.694G	87	5.529G	88	5.375G
89	5.553G	90	5.633G	91	5.566G	92	5.562G
93	5.700G	94	5.654G	95	5.435G	96	5.688G
97	5.451G	98	5.388G	99	5.267G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.340G	2	5.375G	3	5.303G	4	5.498G
5	5.463G	6	5.341G	7	5.655G	8	5.424G
9	5.615G	10	5.650G	11	5.446G	12	5.693G
13	5.602G	14	5.701G	15	5.290G	16	5.474G
17	5.583G	18	5.430G	19	5.421G	20	5.680G
21	5.637G	22	5.461G	23	5.330G	24	5.503G
25	5.639G	26	5.452G	27	5.317G	28	5.657G
29	5.462G	30	5.512G	31	5.586G	32	5.678G
33	5.342G	34	5.601G	35	5.696G	36	5.263G
37	5.490G	38	5.688G	39	5.695G	40	5.714G
41	5.566G	42	5.355G	43	5.270G	44	5.356G
45	5.579G	46	5.327G	47	5.681G	48	5.663G

49	5.712G	50	5.346G	51	5.692G	52	5.366G
53	5.427G	54	5.524G	55	5.428G	56	5.310G
57	5.518G	58	5.321G	59	5.382G	60	5.542G
61	5.277G	62	5.488G	63	5.485G	64	5.363G
65	5.384G	66	5.656G	67	5.477G	68	5.456G
69	5.258G	70	5.438G	71	5.284G	72	5.684G
73	5.706G	74	5.251G	75	5.721G	76	5.690G
77	5.268G	78	5.436G	79	5.685G	80	5.391G
81	5.489G	82	5.417G	83	5.635G	84	5.630G
85	5.403G	86	5.683G	87	5.458G	88	5.679G
89	5.481G	90	5.333G	91	5.641G	92	5.411G
93	5.501G	94	5.437G	95	5.669G	96	5.633G
97	5.314G	98	5.578G	99	5.442G	100	5.254G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.513G	2	5.294G	3	5.517G	4	5.675G
5	5.387G	6	5.492G	7	5.618G	8	5.443G
9	5.418G	10	5.332G	11	5.389G	12	5.557G
13	5.339G	14	5.628G	15	5.340G	16	5.341G
17	5.356G	18	5.527G	19	5.472G	20	5.300G
21	5.719G	22	5.561G	23	5.612G	24	5.432G
25	5.398G	26	5.393G	27	5.700G	28	5.692G
29	5.397G	30	5.683G	31	5.256G	32	5.532G
33	5.330G	34	5.486G	35	5.511G	36	5.437G
37	5.452G	38	5.264G	39	5.342G	40	5.305G
41	5.556G	42	5.662G	43	5.303G	44	5.528G
45	5.698G	46	5.395G	47	5.701G	48	5.679G
49	5.499G	50	5.423G	51	5.651G	52	5.540G
53	5.702G	54	5.575G	55	5.655G	56	5.289G
57	5.365G	58	5.447G	59	5.598G	60	5.645G
61	5.311G	62	5.570G	63	5.619G	64	5.534G
65	5.405G	66	5.363G	67	5.661G	68	5.694G
69	5.479G	70	5.370G	71	5.526G	72	5.668G
73	5.518G	74	5.255G	75	5.368G	76	5.693G
77	5.402G	78	5.383G	79	5.715G	80	5.401G

81	5.519G	82	5.507G	83	5.406G	84	5.544G
85	5.265G	86	5.670G	87	5.620G	88	5.497G
89	5.638G	90	5.712G	91	5.489G	92	5.375G
93	5.637G	94	5.677G	95	5.327G	96	5.510G
97	5.567G	98	5.640G	99	5.632G	100	5.334G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.374G	2	5.274G	3	5.493G	4	5.482G
5	5.570G	6	5.456G	7	5.449G	8	5.382G
9	5.396G	10	5.352G	11	5.296G	12	5.308G
13	5.491G	14	5.468G	15	5.323G	16	5.386G
17	5.481G	18	5.698G	19	5.637G	20	5.545G
21	5.576G	22	5.347G	23	5.505G	24	5.355G
25	5.532G	26	5.601G	27	5.435G	28	5.663G
29	5.337G	30	5.403G	31	5.280G	32	5.551G
33	5.557G	34	5.394G	35	5.605G	36	5.285G
37	5.476G	38	5.633G	39	5.609G	40	5.434G
41	5.486G	42	5.469G	43	5.616G	44	5.638G
45	5.299G	46	5.390G	47	5.350G	48	5.283G
49	5.473G	50	5.529G	51	5.706G	52	5.309G
53	5.568G	54	5.723G	55	5.459G	56	5.346G
57	5.709G	58	5.718G	59	5.667G	60	5.575G
61	5.598G	62	5.387G	63	5.411G	64	5.566G
65	5.442G	66	5.538G	67	5.490G	68	5.540G
69	5.307G	70	5.488G	71	5.251G	72	5.640G
73	5.560G	74	5.321G	75	5.537G	76	5.454G
77	5.563G	78	5.494G	79	5.497G	80	5.587G
81	5.629G	82	5.700G	83	5.354G	84	5.585G
85	5.271G	86	5.417G	87	5.519G	88	5.514G
89	5.621G	90	5.257G	91	5.704G	92	5.589G
93	5.607G	94	5.658G	95	5.690G	96	5.541G
97	5.525G	98	5.664G	99	5.487G	100	5.705G