DFS TEST REPORT

REPORT NO.:	RF140415C27A-2
MODEL NO.:	PCE4552AH
FCC ID:	QXO-57G45
RECEIVED:	Mar. 07, 2014
TESTED:	Nov. 04, 2014
ISSUED:	Nov. 05, 2014

APPLICANT:	Extreme Networks, Inc.
ADDRESS:	9 Northeastern Blvd. Salem, New Hampshire, United States, 03079

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

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

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF140415C27A-2	Original release	Nov. 05, 2014

1. CERTIFICATION

PRODUCT: DBDC 3X3 AP
MODEL: PCE4552AH
BRAND: Extreme
APPLICANT: Extreme Networks, Inc.
TESTED: Nov. 04, 2014
TEST SAMPLE: ENGINEERING SAMPLE
STANDARDS: **FCC Part 15, Subpart E (Section 15.407)**
FCC KDB 905462 D02

The above equipment (model: PCE4552AH) 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 :** Nov. 05, 2014
Pettie Chen / Senior Specialist

APPROVED BY : _____ , **DATE :** Nov. 05, 2014
Ken Liu / Senior Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

TABLE 1: OPERATING FREQUENCY BANDS AND MODE OF EUT

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

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

2.2 EUT SOFTWARE AND FIRMWARE VERSION

TABLE 2: THE EUT SOFTWARE/FIRMWARE VERSION

NO.	PRODUCT	MODEL NO.	SOFTWARE/FIRMWARE VERSION
1	DBDC 3X3 AP	PCE4552AH	FW Version: 09.12.01.00FCC

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

TABLE 3: ANTENNA LIST

ANT NO.	ANTENNA TYPE	OPERATION FREQUENCY RANGE (MHz)	MIN. GAIN (dBi)
1.	Dipole	5250-5725	2
2.	Dipole	5250-5725	2
3.	Dipole	5250-5725	2

2.4 EUT MAXIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.83	191.718
1	5470~5725	23.72	235.716

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.84	192.436
1	5470~5725	23.45	221.488

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	23.44	220.712
1	5470~5725	23.78	238.549

802.11ac (80MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	16.53	44.975
1	5470~5725	23.57	227.563

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

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

802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	24.83	304.089
1	5470~5725	25.72	373.250

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	24.84	304.789
1	5470~5725	25.45	350.752

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.44	349.945
1	5470~5725	25.78	378.443

802.11ac (80MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	18.53	71.285
1	5470~5725	25.57	360.579

TRANSMIT POWER CONTROL (TPC)

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 378.443mW which less than 500mW, therefore it's not require TPC function.

STATEMENT OF MAUNFACTURER

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

The manufacturer shall state whether the 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 6 and 7 for the applicability of DFS requirements for each of the operational modes.

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

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	Not required	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

TABLE 7: APPLICABILITY OF DFS REQUIREMENTS DURING NORMAL OPERATION

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

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

NOTE: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and null frequencies between the bonded 20 MHz channel blocks.

3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

DETECTION THRESHOLD VALUES

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

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

TABLE 9: DFS RESPONSE REQUIREMENT VALUES

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

PARAMETERS OF DFS TEST SIGNALS

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

TABLE 10: SHORT PULSE RADAR TEST WAVEFORMS

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

TABLE 11: LONG PULSE RADAR TEST WAVEFORM

Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

TABLE 12: FREQUENCY HOPPING RADAR TEST WAVEFORM

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

4. TEST & SUPPORT EQUIPMENT LIST

4.1 TEST INSTRUMENTS

TABLE 13: TEST INSTRUMENTS LIST

DESCRIPTION & MANUFACTURER	MODEL NO.	BRAND	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
R&S Spectrum analyzer	FSP40	R&S	2014/03/03	2015/03/02
Signal generator	8645A	Agilent	2014/06/24	2015/06/23
Oscilloscope	TDS 5104	Tektronix	2014/03/20	2015/03/19

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 14: SUPPORT UNIT INFORMATION.

No.	Product	Brand	Model No.	FCC ID
1	Wireless-AC Mini USB Adapter	LINKSYS	AE6000	Q87-AE6000

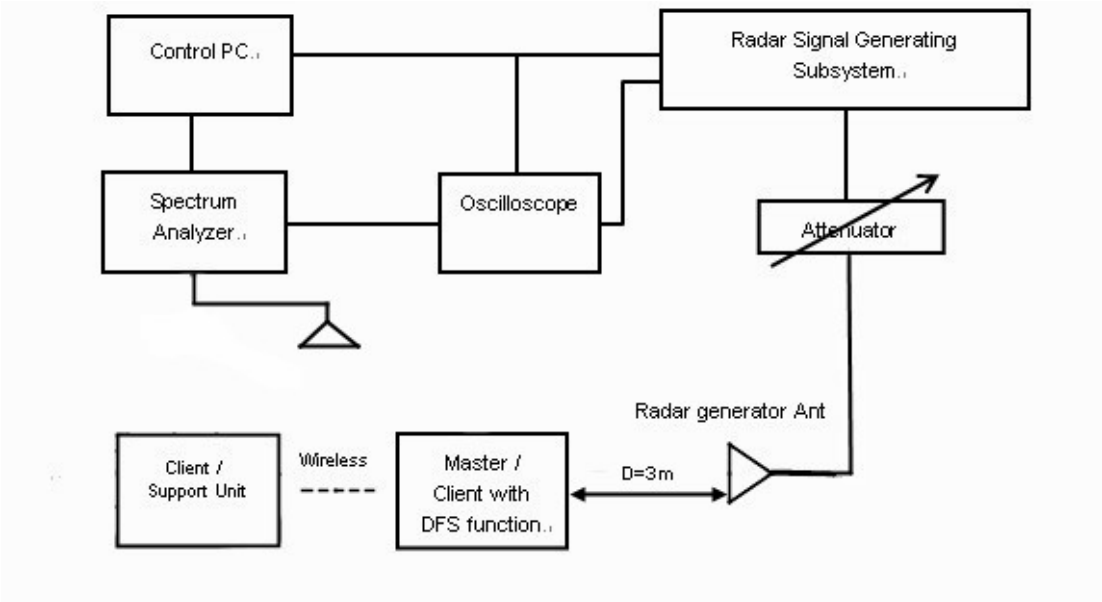
NOTE: This device was functioned as a ☐Master ☒Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM

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

RADIATED SETUP CONFIGURATION OF ADT DFS MEASUREMENT SYSTEM



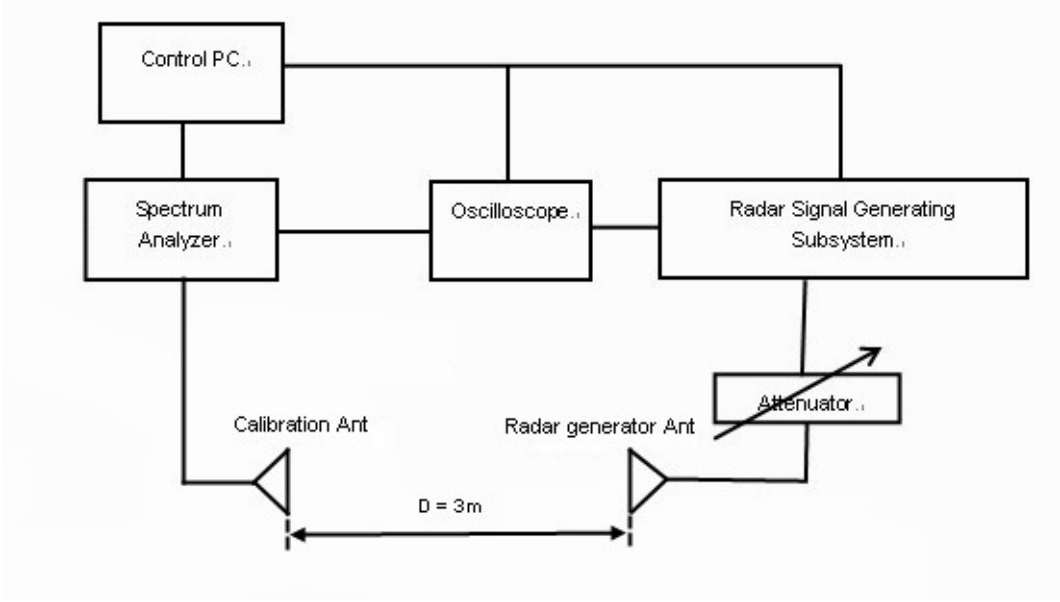
System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

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

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

The measured channel is 5500MHz, 5510MHz and 5530MHz. The radar signal was the same as transmitted channels, and injected into the antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The calibrated detection threshold level is set to -64dBm. The tested level is lower than required level hence it provides margin to the limit.

Radiated setup configuration of Calibration of DFS Detection Threshold Level

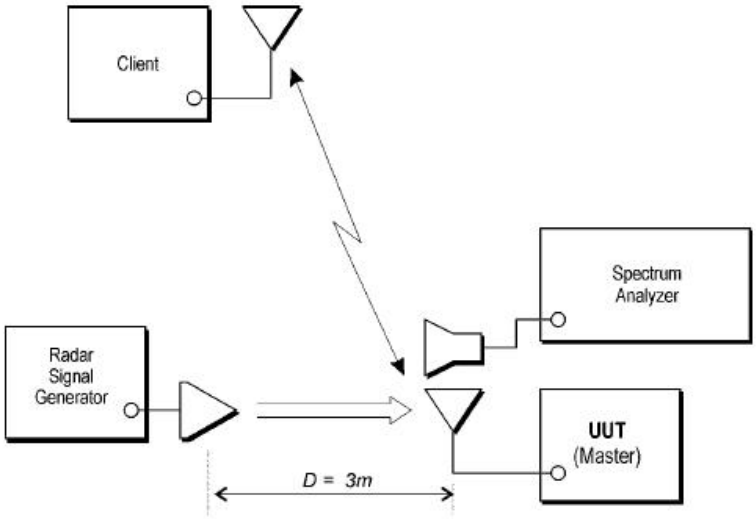


5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 RADIATED TEST SETUP CONFIGURATION

5.4.1 MASTER MODE



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

6. TEST RESULTS

6.1 SUMMARY OF TEST RESULTS

CLAUSE	TEST PARAMETER	REMARKS	PASS/FAIL
15.407	DFS Detection Threshold	Applicable	Pass
15.407	U-NII Detection Bandwidth	Applicable	Pass
15.407	Channel Availability Check Time	Applicable	Pass
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non- Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Applicable	Pass

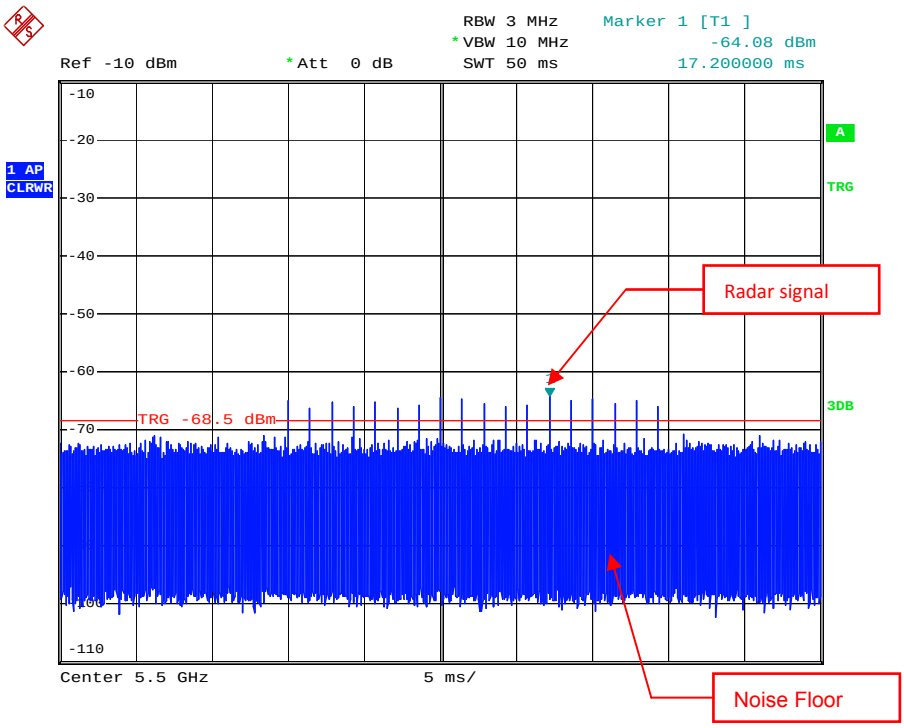
6.2 TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE

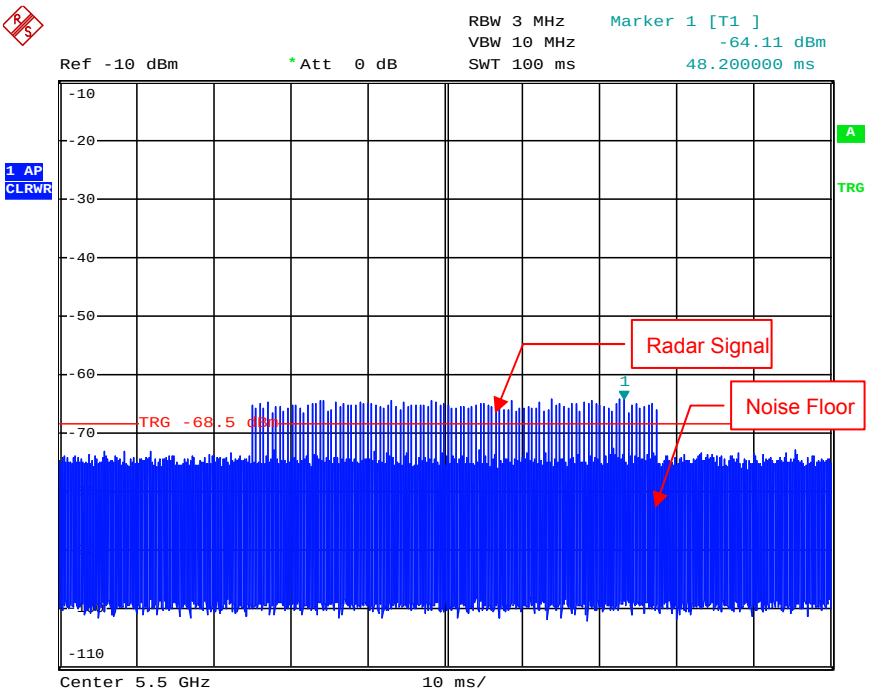
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

DFS DETECTION THRESHOLD

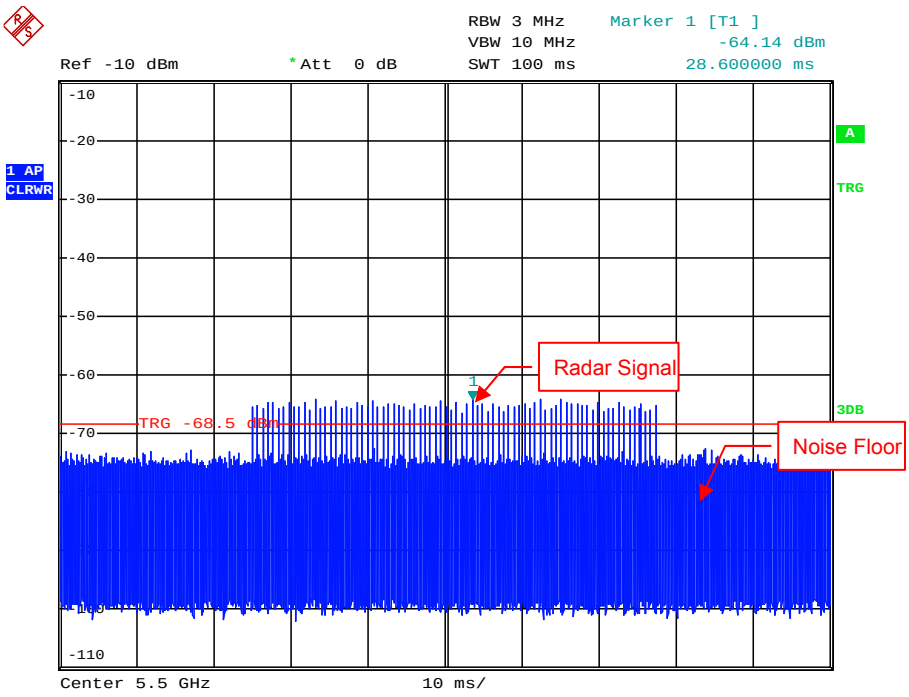
For a detection threshold level of -64dBm, the required signal strength at EUT antenna location is -64 dBm. The tested level is lower than required level hence it provides margin to the limit.



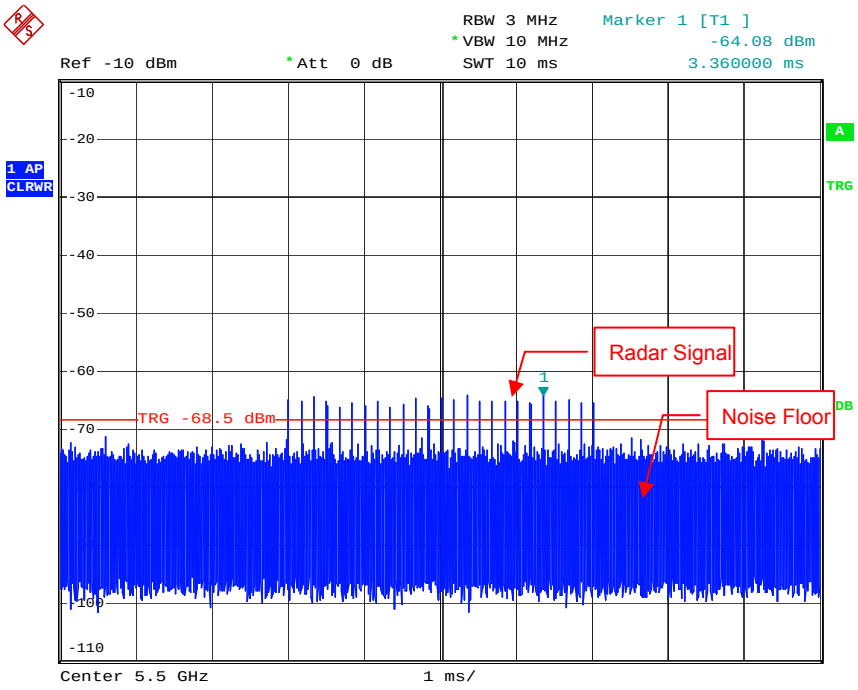
Radar Signal 0



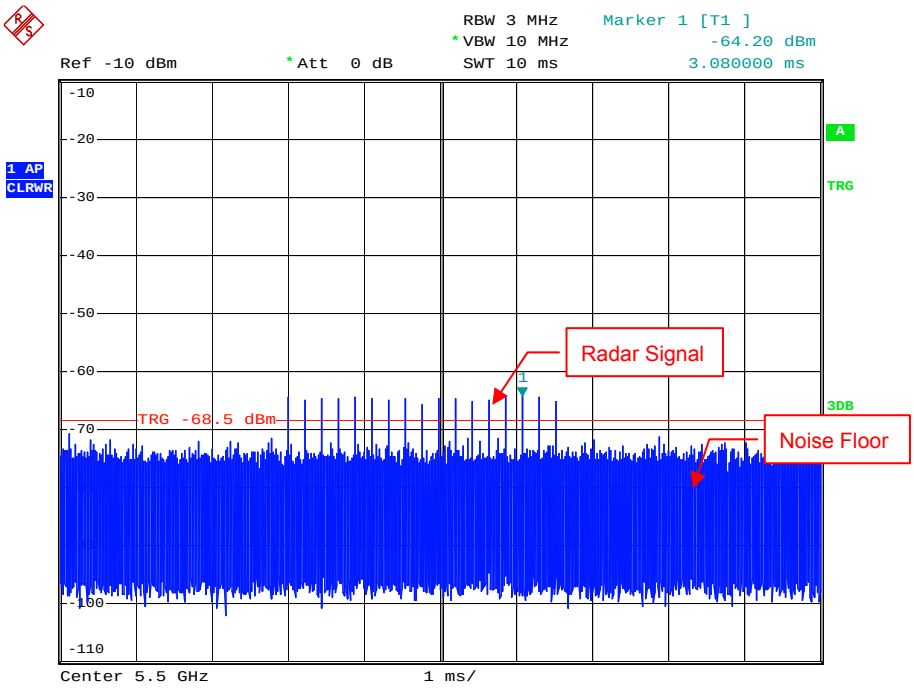
Radar Signal 1 (Test A)



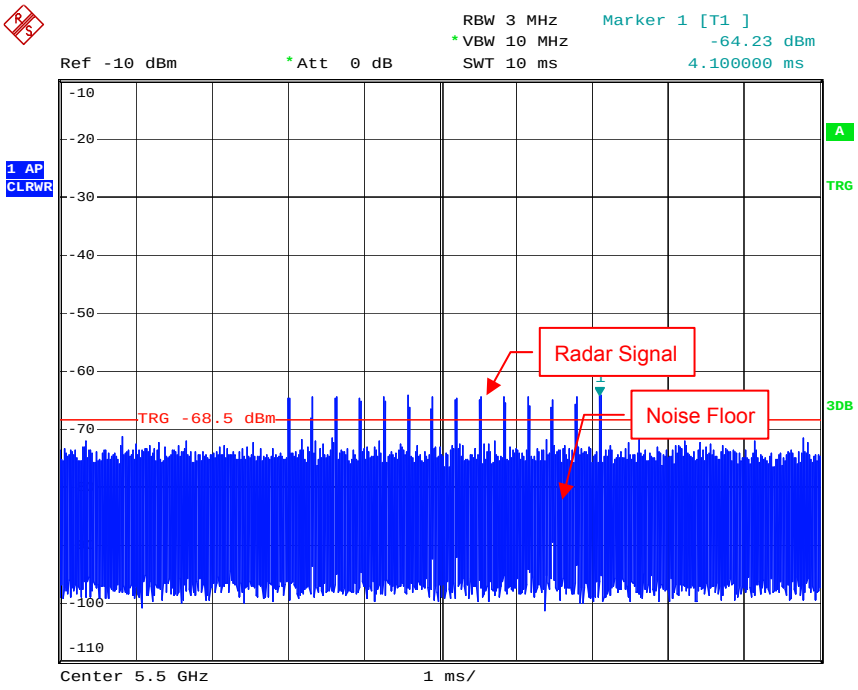
Radar Signal 1 (Test B)



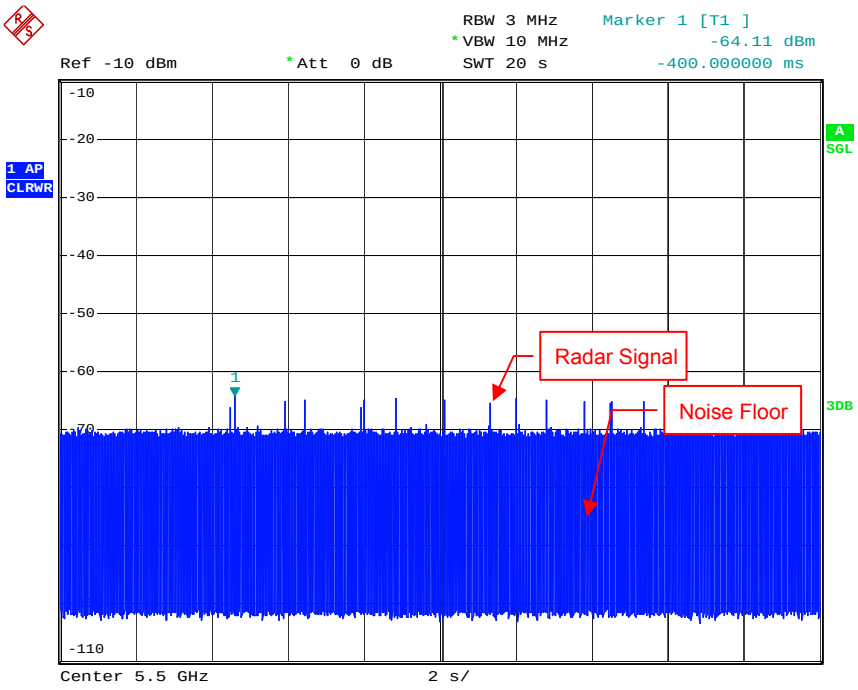
Radar Signal 2



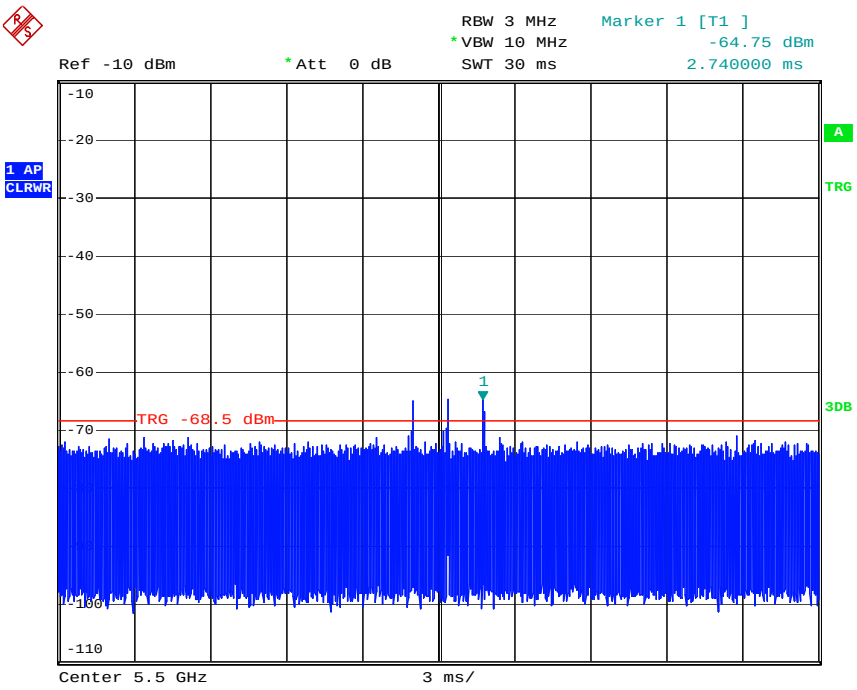
Radar Signal 3



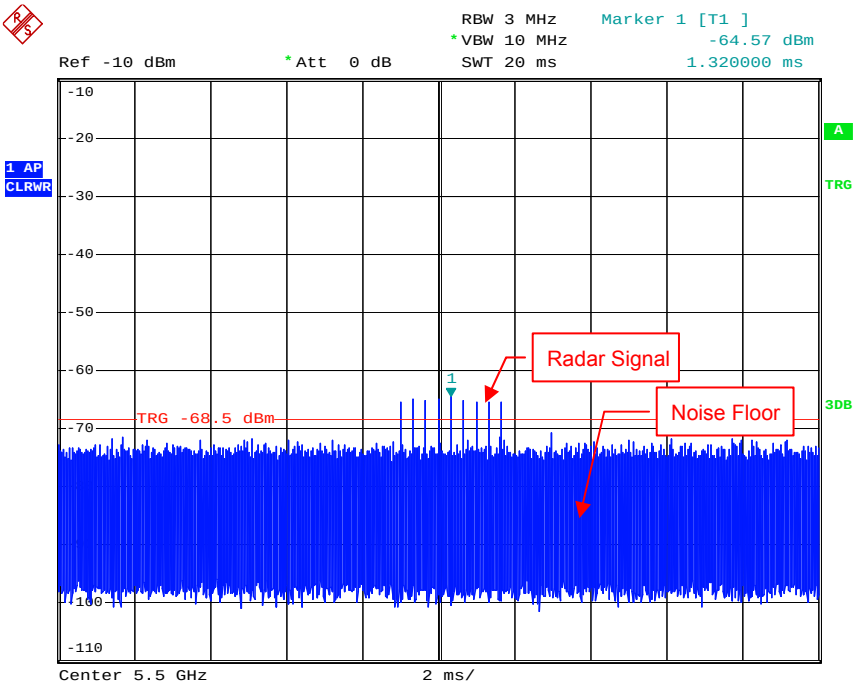
Single Burst of Radar Signal 4



Radar Signal 5



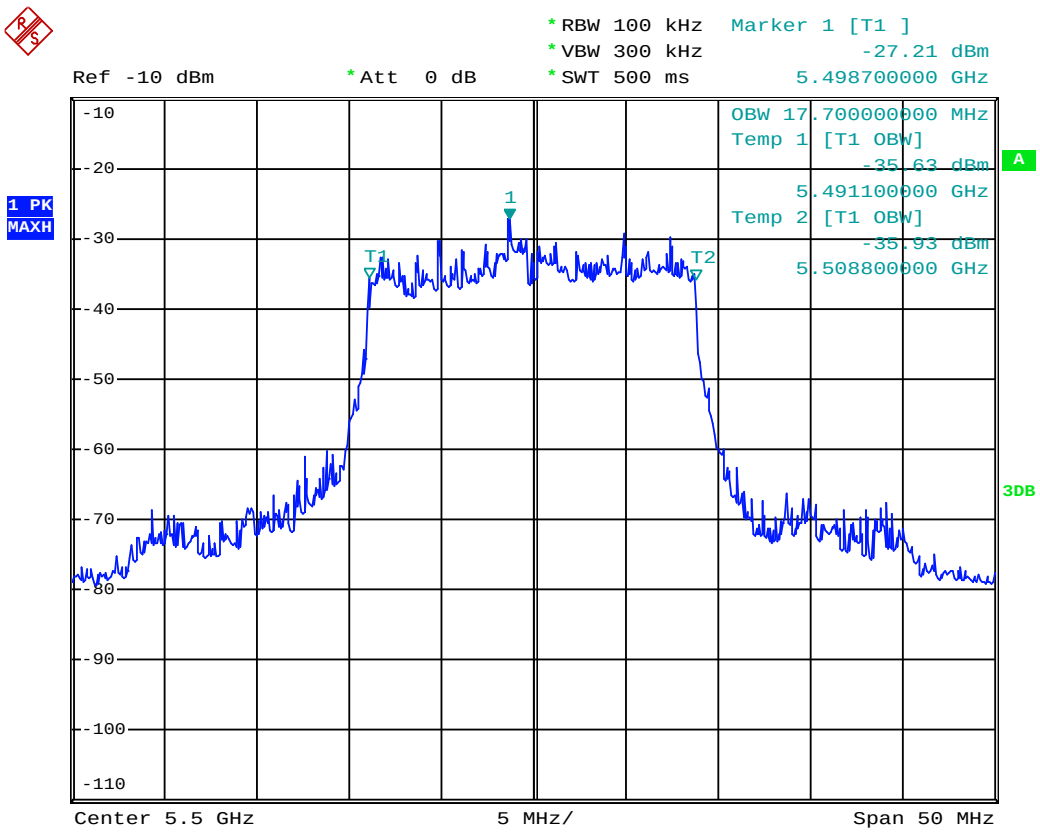
Single Burst of Radar Signal 5



Radar Signal 6

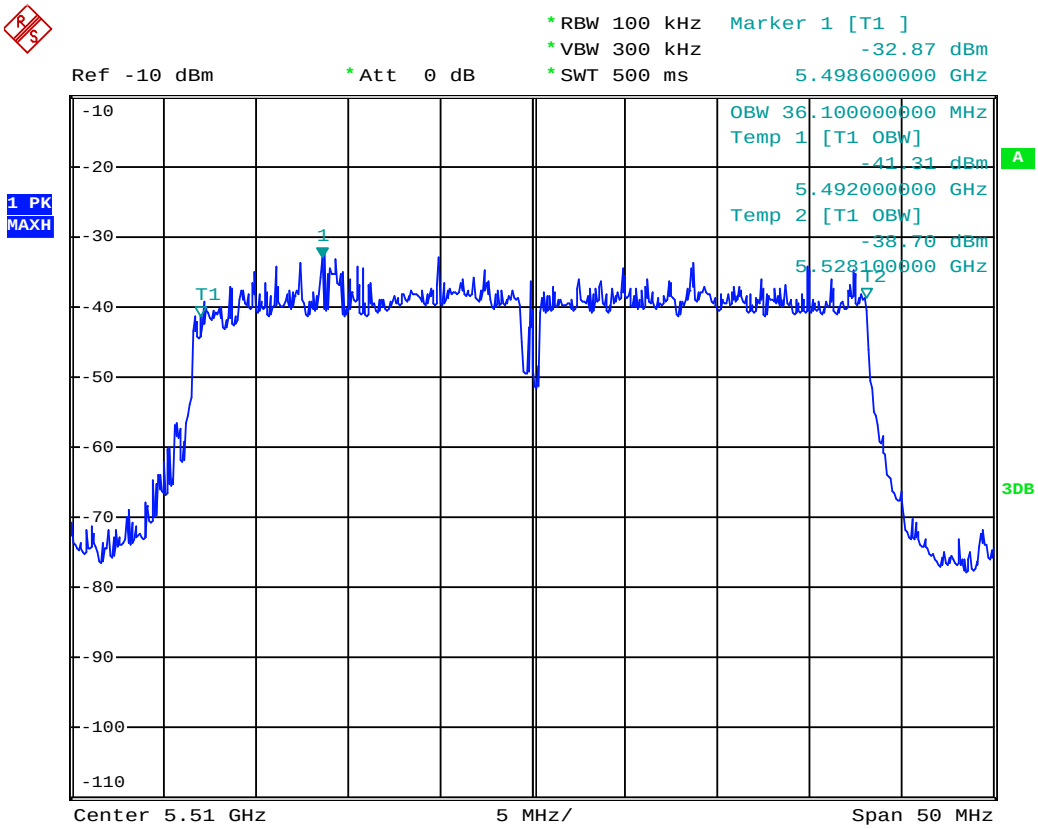
6.2.2 U-NII DETECTION BANDWIDTH

IEEE 802.11ac 20MHz



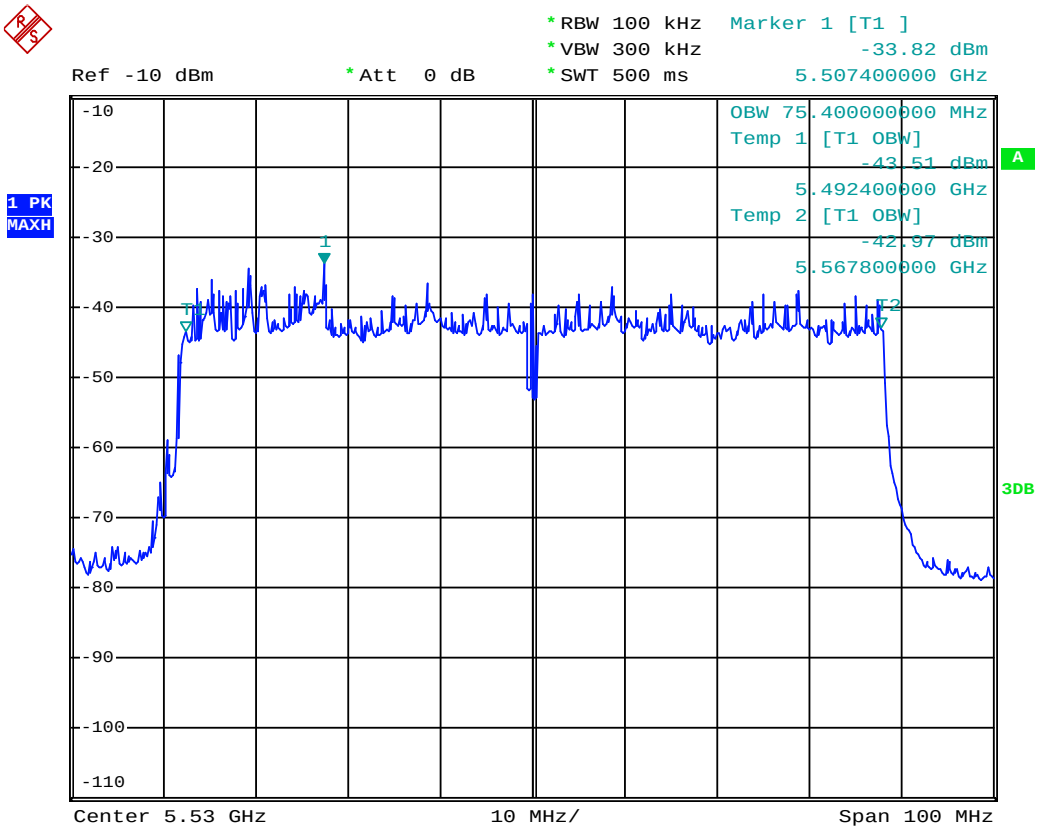
U-NII 99% Channel bandwidth

IEEE 802.11ac 40MHz



U-NII 99% Channel bandwidth

IEEE 802.11ac 80MHz



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11ac 20MHz											
Radar Type 0 EUT Frequency: 5500MHz EUT 99% Power bandwidth: 17.7MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 17.7MHz Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz 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 802.11ac 40MHz											
Radar Type 0 EUT Frequency: 5510MHz EUT 99% Power bandwidth: 36.1MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 36.1MHz Detection bandwidth (5529(FH) – 5491(FL)) : 38MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490	N	N	N	Y	N	N	N	N	N	Y	20
5491(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11ac 80MHz											
Radar Type 0 EUT Frequency: 5530MHz EUT 99% Power bandwidth: 75.4MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 75.4MHz Detection bandwidth (5570(FH) – 5490(FL)) : 80MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100

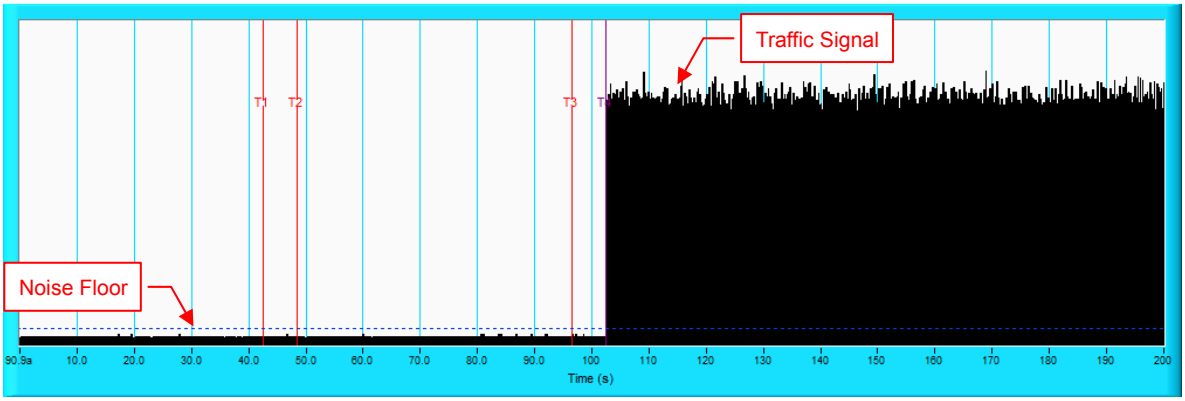
5531	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5532	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5533	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5534	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5535	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5536	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5537	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5538	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5539	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5540	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5541	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5542	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5543	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5544	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5545	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5546	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5547	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5548	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5549	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5550	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5551	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5552	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5553	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5554	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5555	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5556	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5557	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5558	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5559	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5560	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5561	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5562	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5563	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5564	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5565	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5566	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5567	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5568	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5569	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5570(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5571	N	N	N	N	N	N	N	N	N	N	0

6.2.3 CHANNEL AVAILABILITY CHECK TIME

If the EUT successfully detected the radar burst, it should be observed as the EUT has no transmissions occurred until the EUT starts transmitting on another channel.

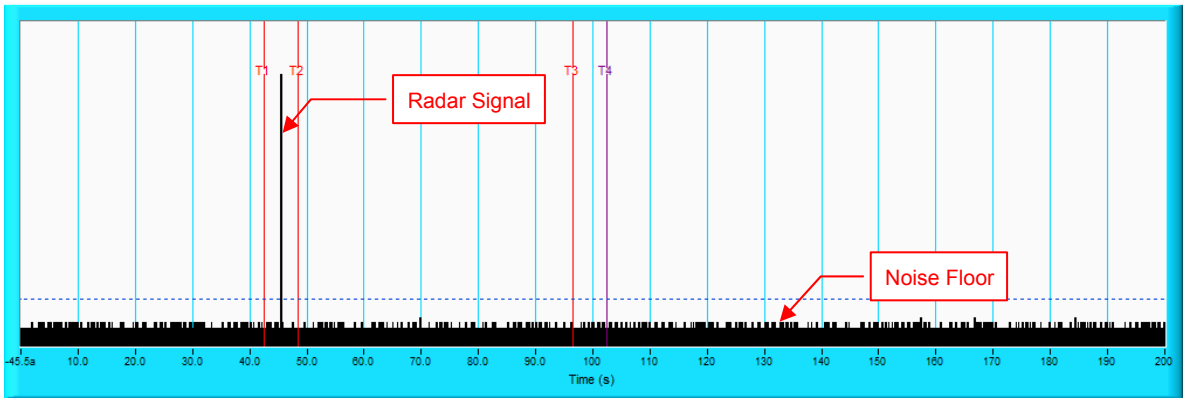
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



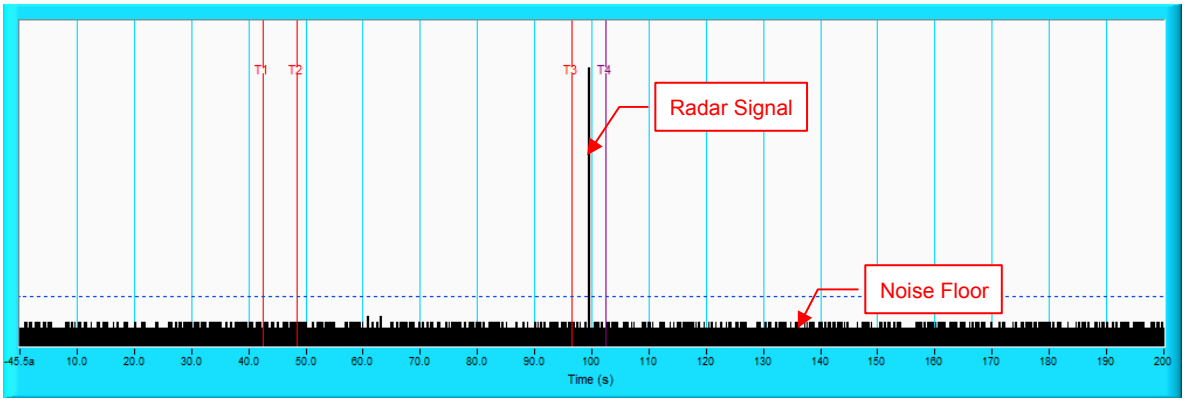
NOTE: T1 denotes the end of power-up time period is 42.5 second. T4 denotes the end of Channel Availability Check time is 102.5 second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 42.5 second. T2 denotes 48.5 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 102.5 second.

Radar Burst at the End of the Channel Availability Check Time

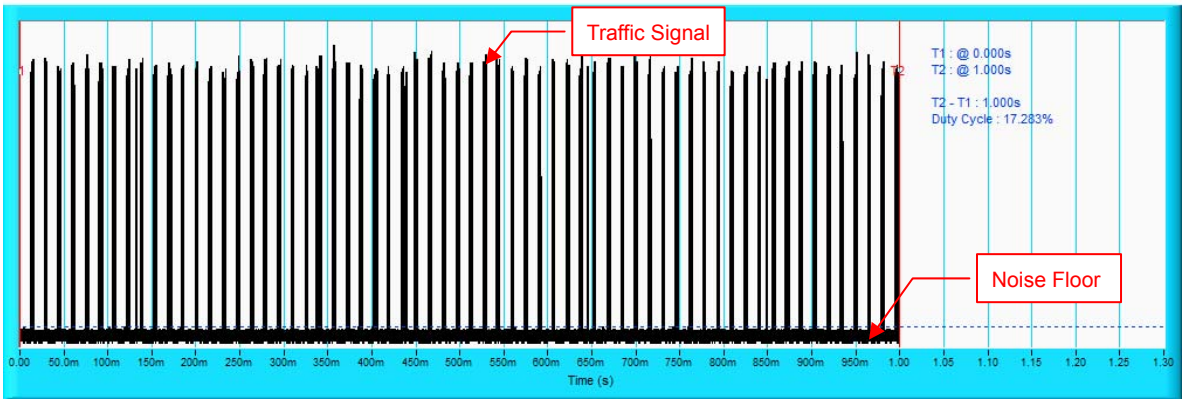


NOTE: T1 denotes the end of power up time period is 42.5 second. T3 denotes 96.5 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 102.5 second.

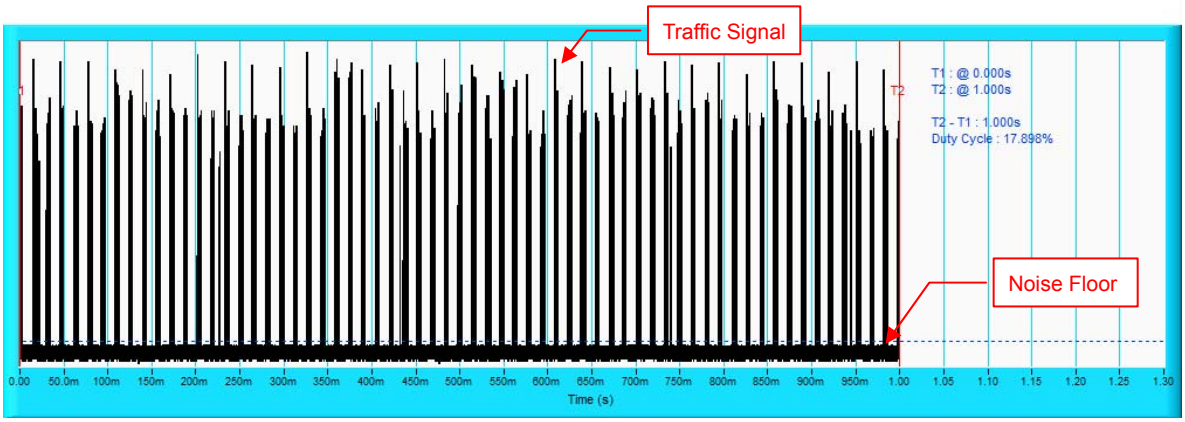
6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

Wireless Traffic Loading

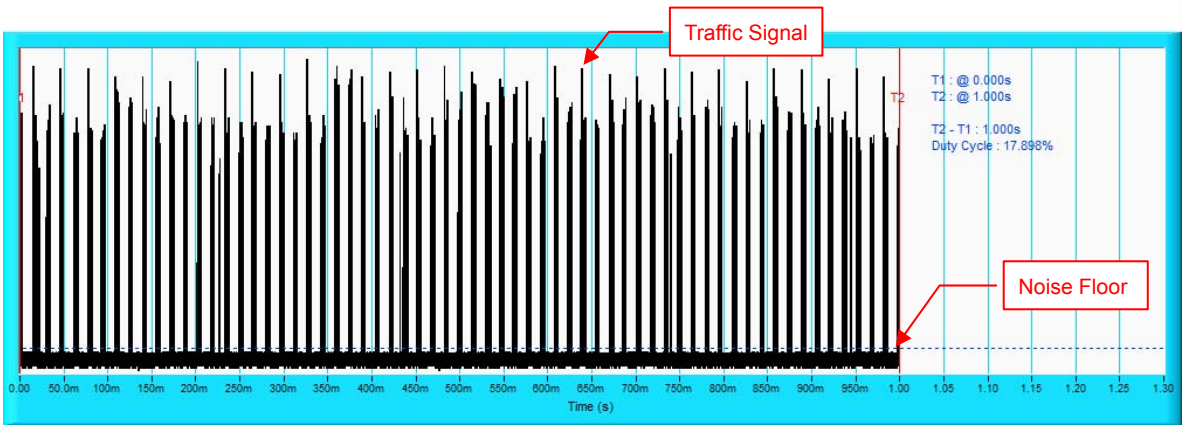
IEEE 802.11ac 20MHz



IEEE 802.11ac 40MHz



IEEE 802.11ac 80MHz



IEEE 802.11ac 20MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	96.7
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	93.3
Aggregate (Radar Types 1-4)				120	97.5

Table 2: Long Pulse Radar Test Waveform

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

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	93.3

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

IEEE 802.11ac 40MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	96.7
2	1-5	150-230	23-29	30	100
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	90
Aggregate (Radar Types 1-4)				120	96.675

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	93.3

Table 3: Frequency Hopping Radar Test Waveform

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

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

IEEE 802.11ac 80MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	100
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	93.3
Aggregate (Radar Types 1-4)				120	98.325

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	93.3

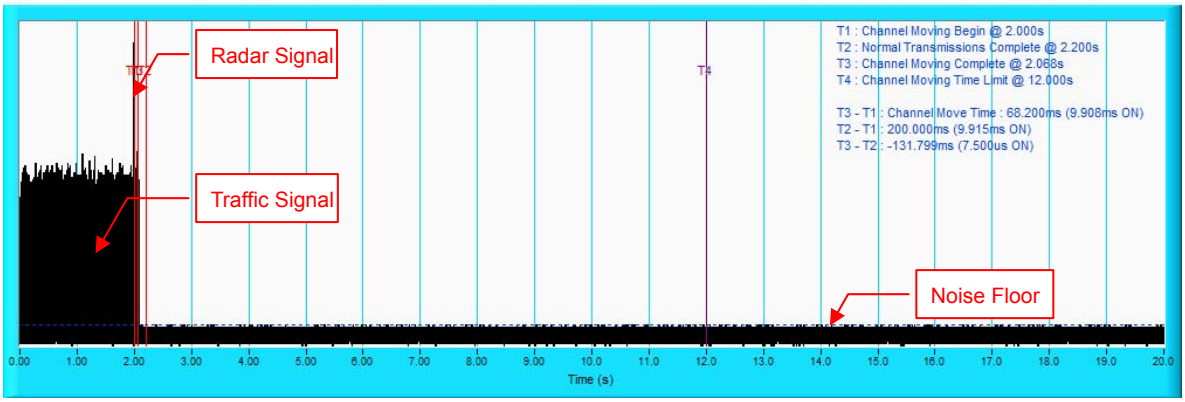
Table 3: Frequency Hopping Radar Test Waveform

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

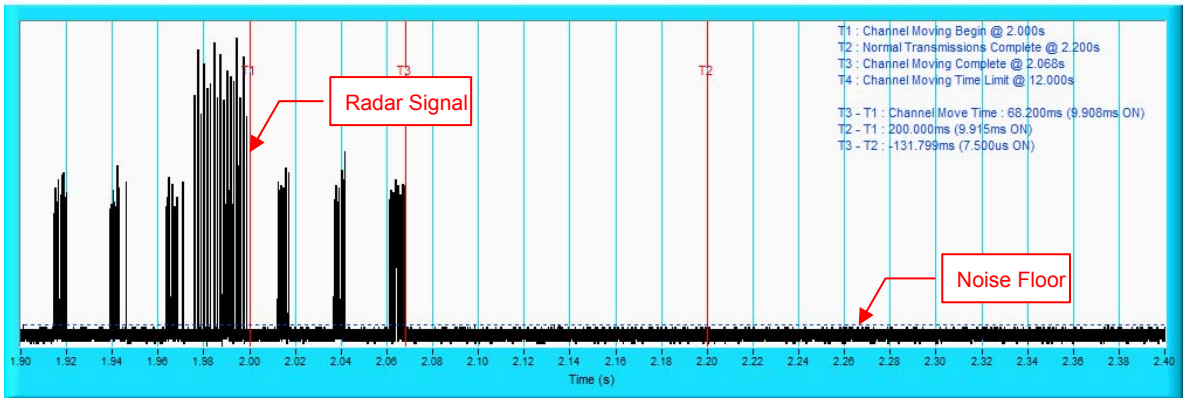
The Detailed Radar pattern and Statistical Performance showed in Annex A.

Radar signal 0

IEEE 802.11ac 20MHz



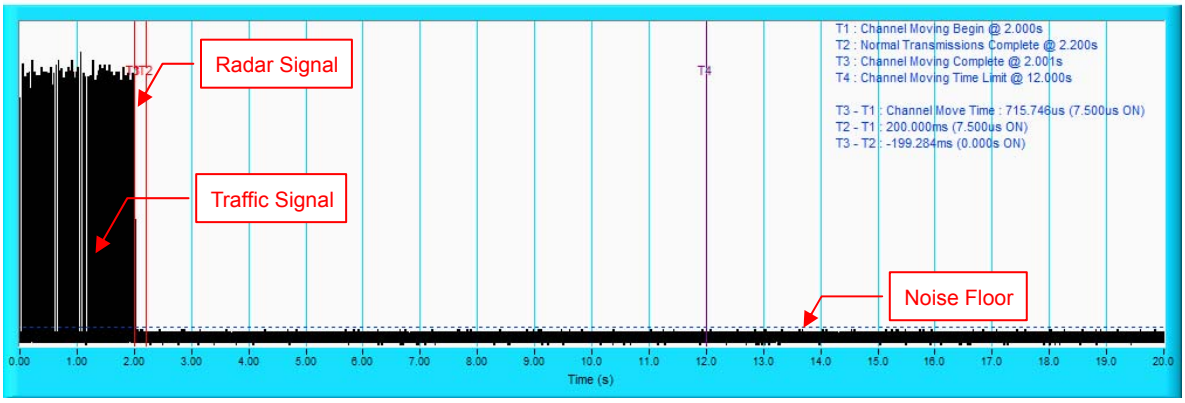
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



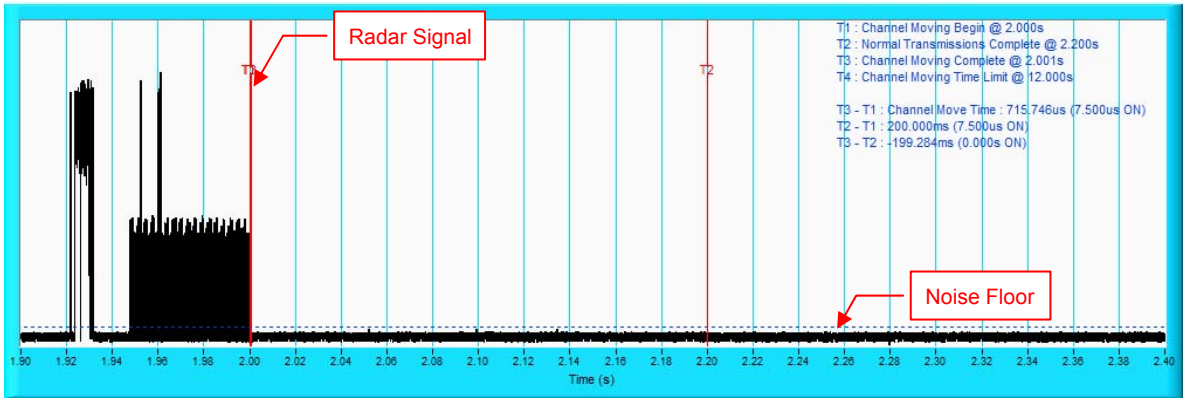
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 1

IEEE 802.11ac 20MHz



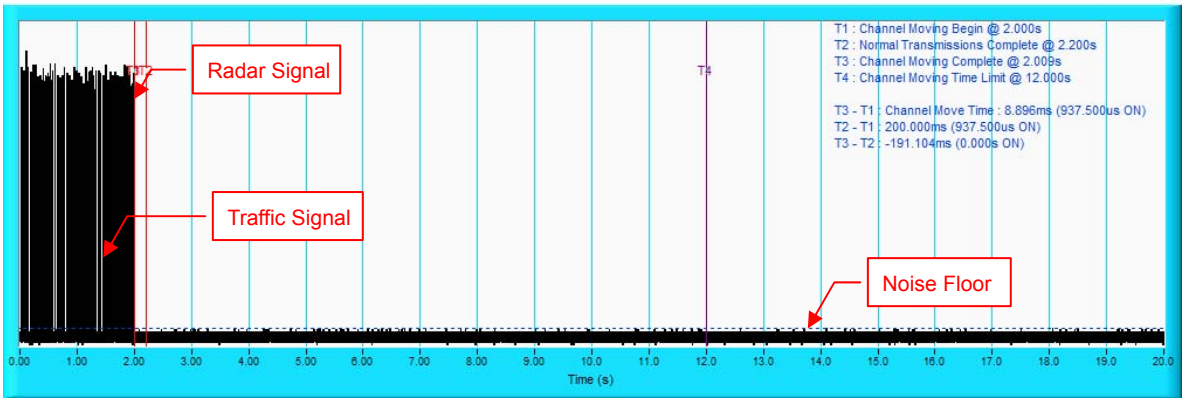
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



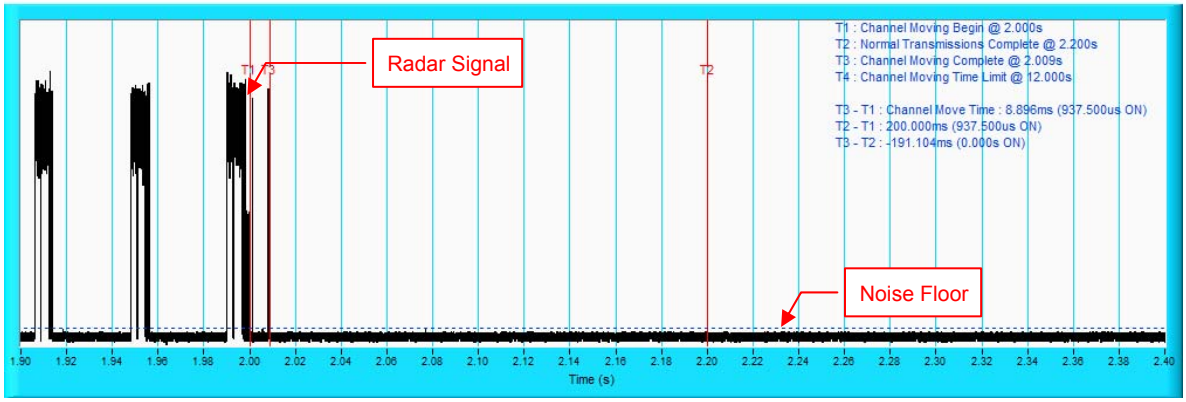
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

IEEE 802.11ac 20MHz



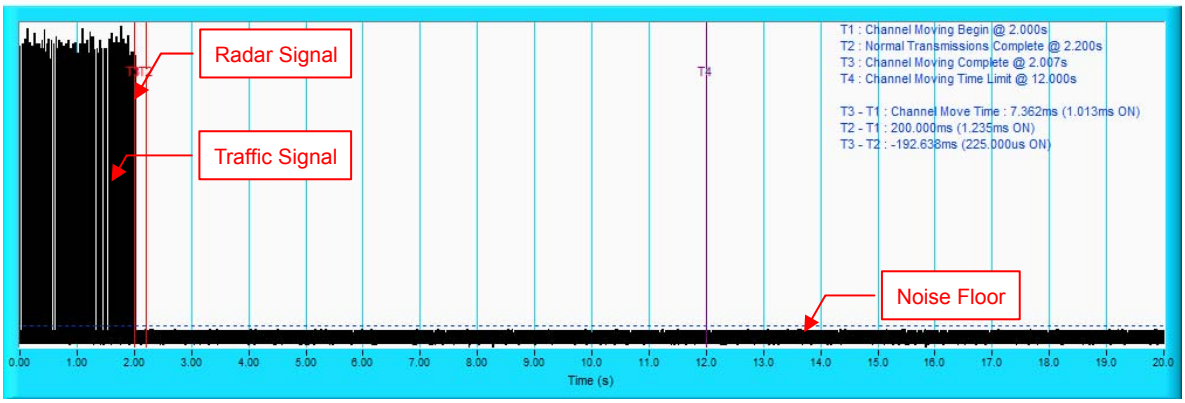
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



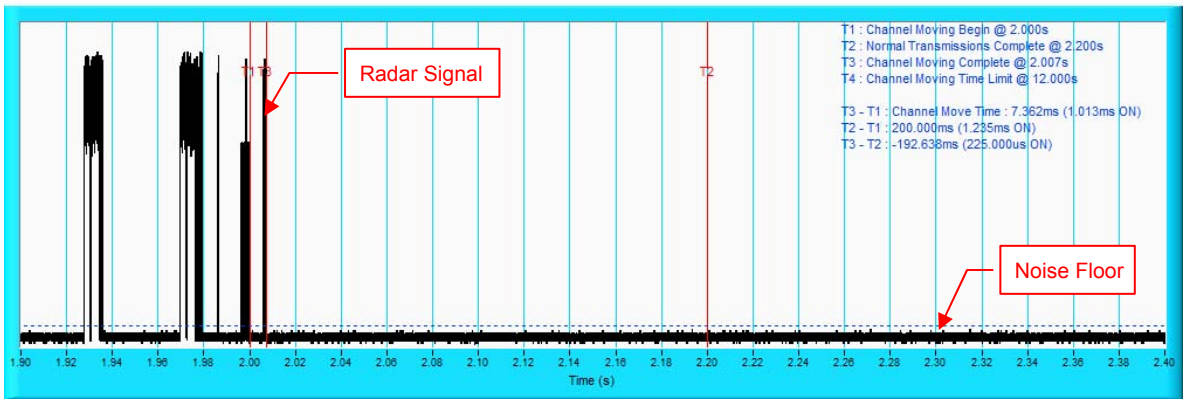
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

IEEE 802.11ac 20MHz



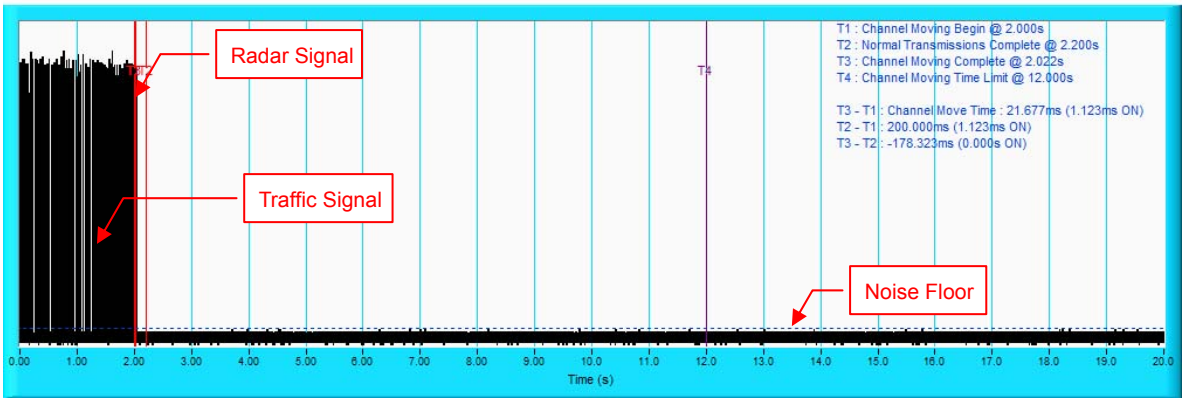
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



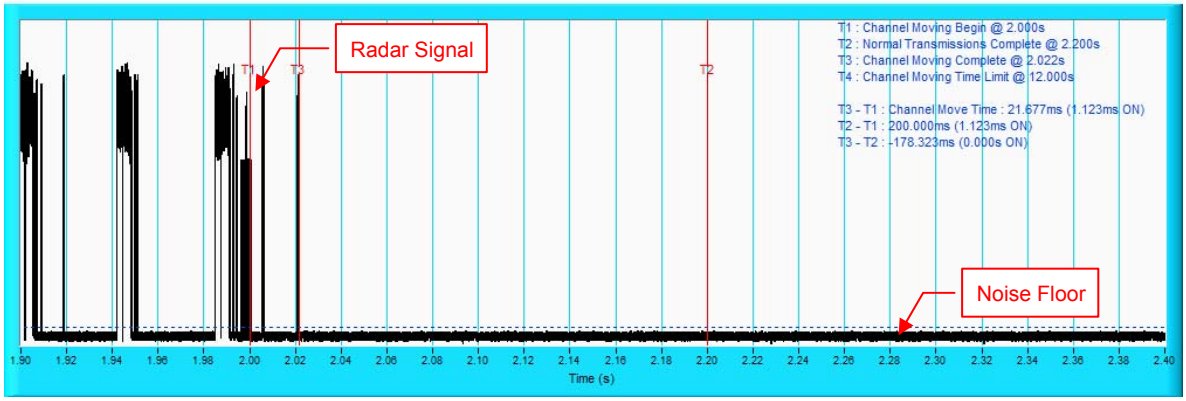
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

IEEE 802.11ac 20MHz



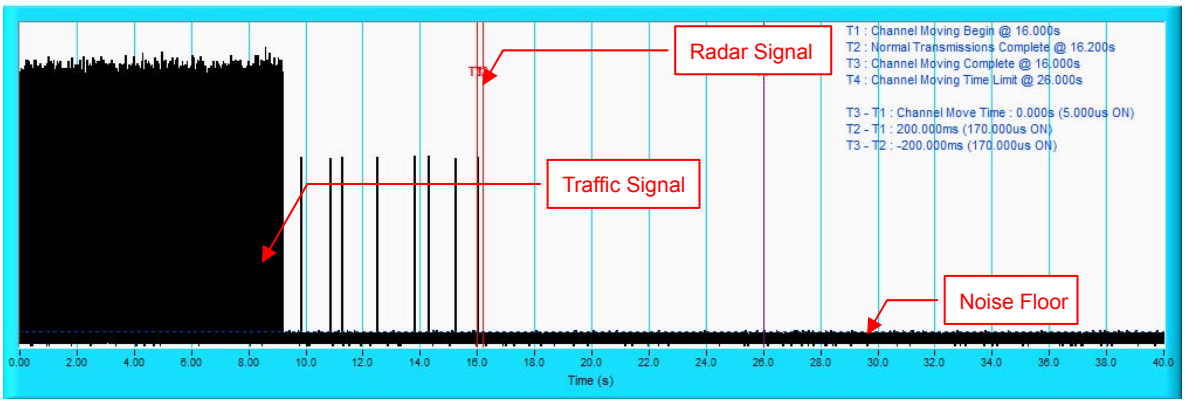
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



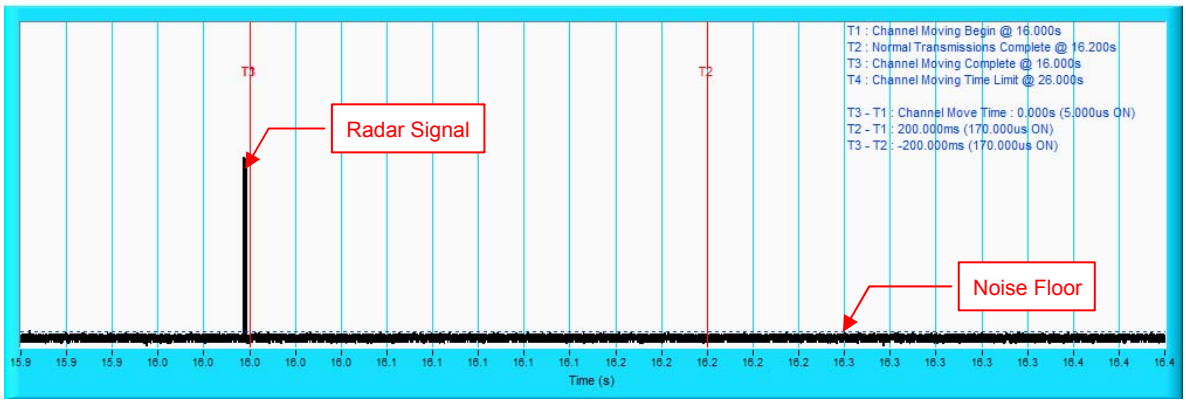
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5

IEEE 802.11ac 20MHz



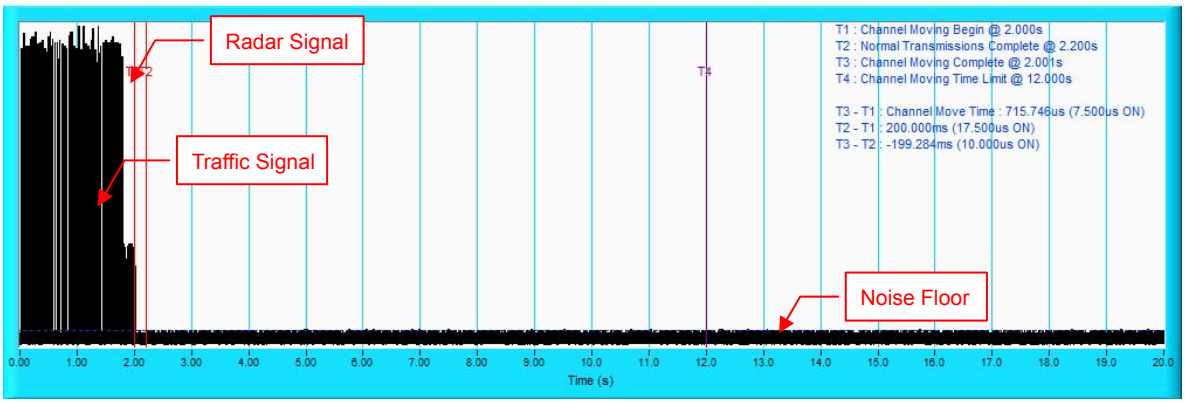
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



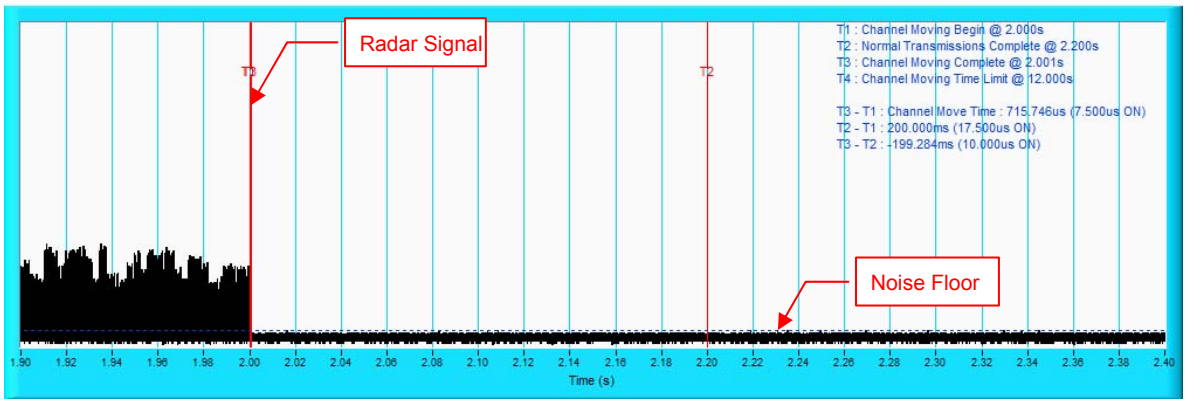
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 6

IEEE 802.11ac 20MHz



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



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

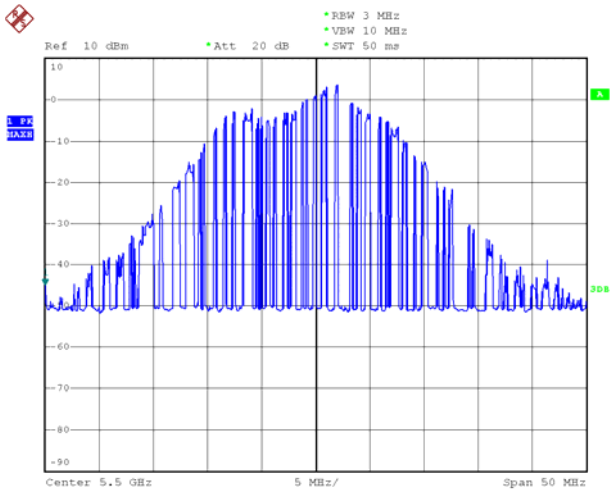
6.2.5 NON- OCCUPANCY PERIOD

Associate test:

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

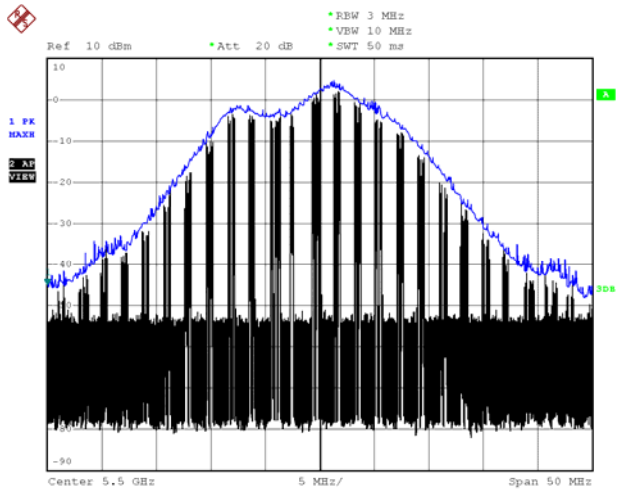
1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



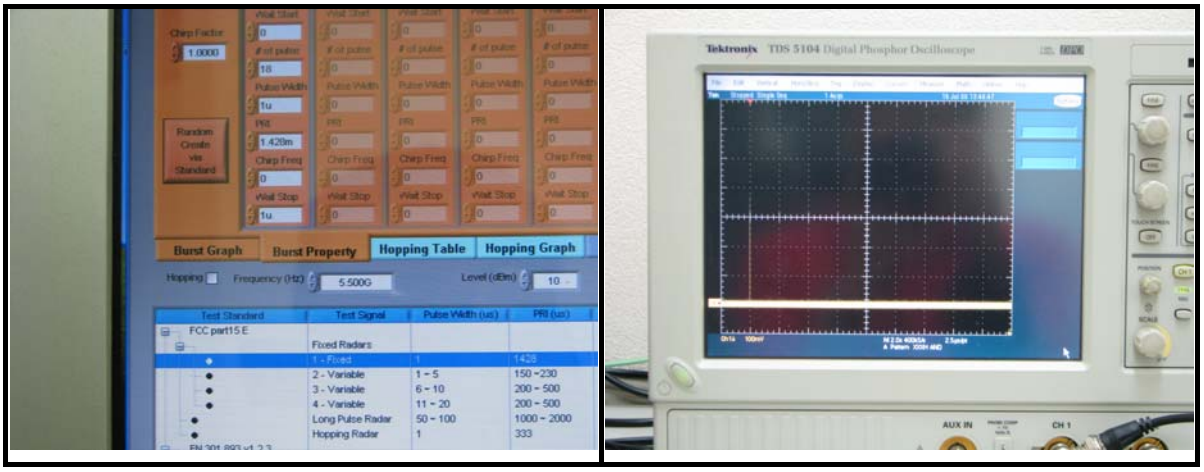
2) Client plays specified files via master.

Waveform of transmission

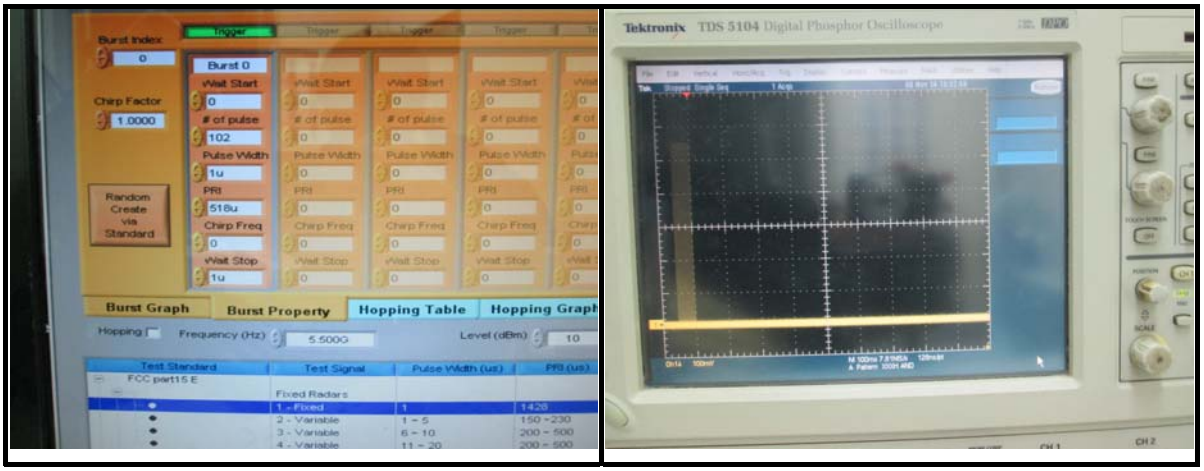


3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

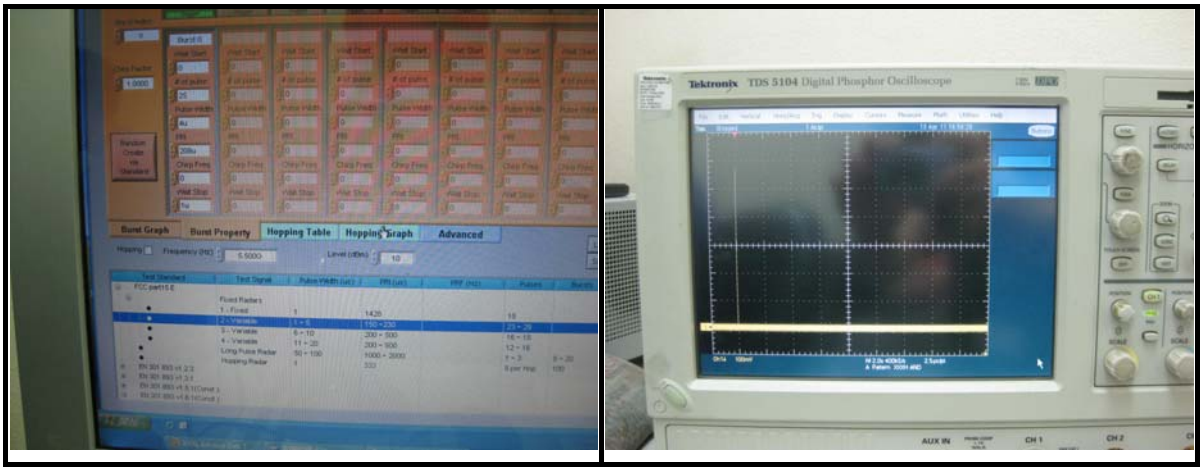
Radar 0



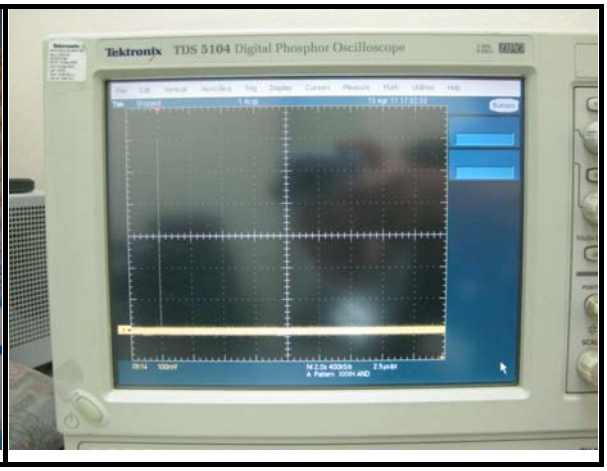
Radar 1



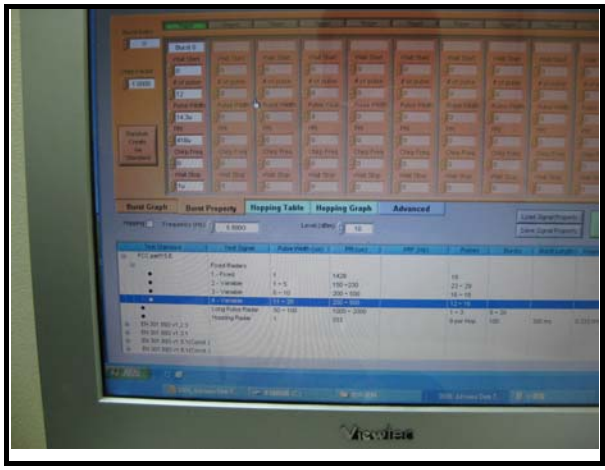
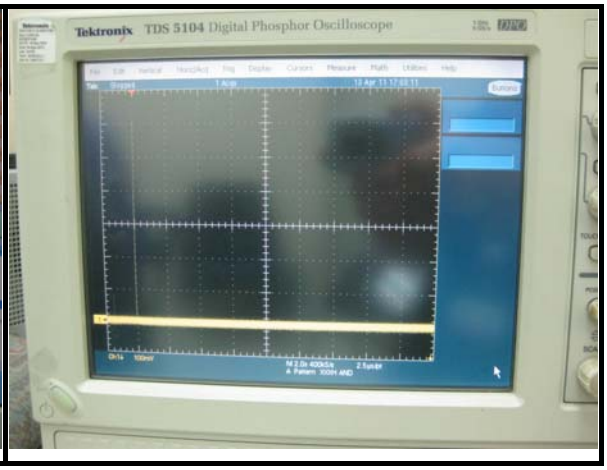
Radar 2



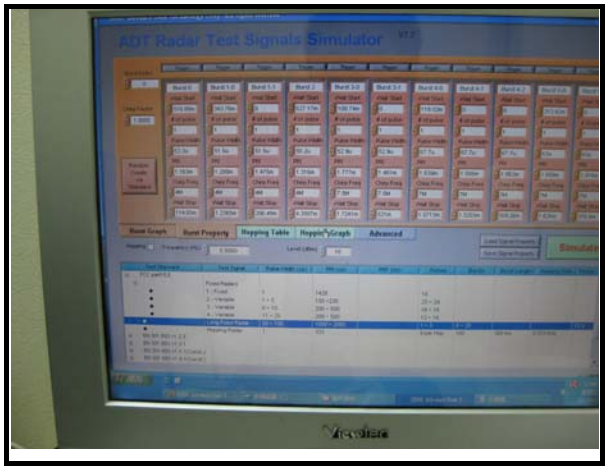
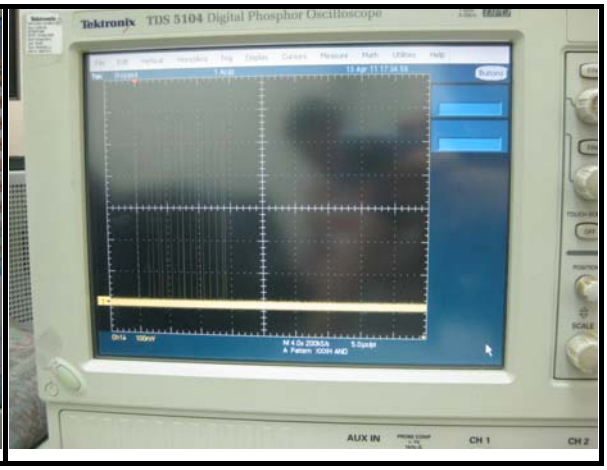
Radar 3

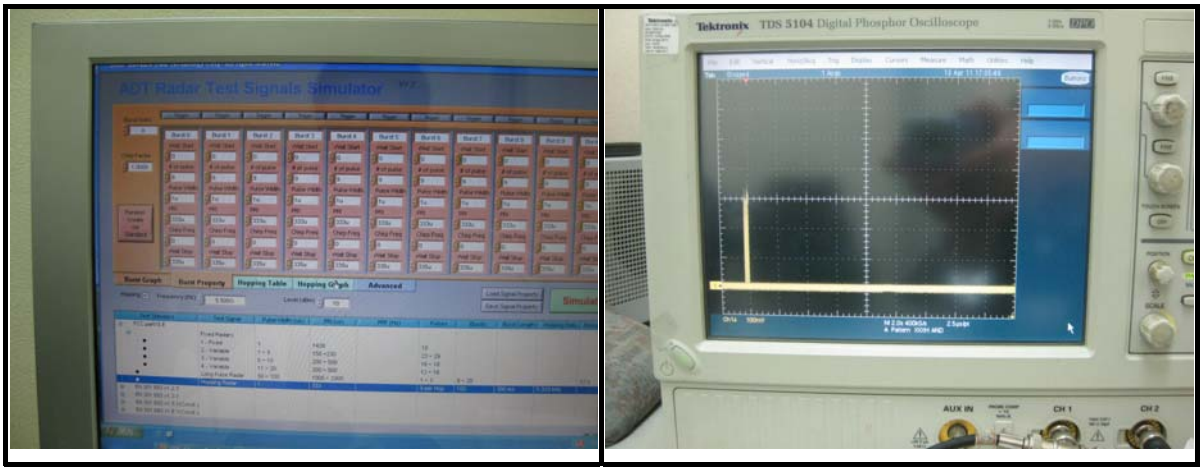
Radar 4

Radar 5

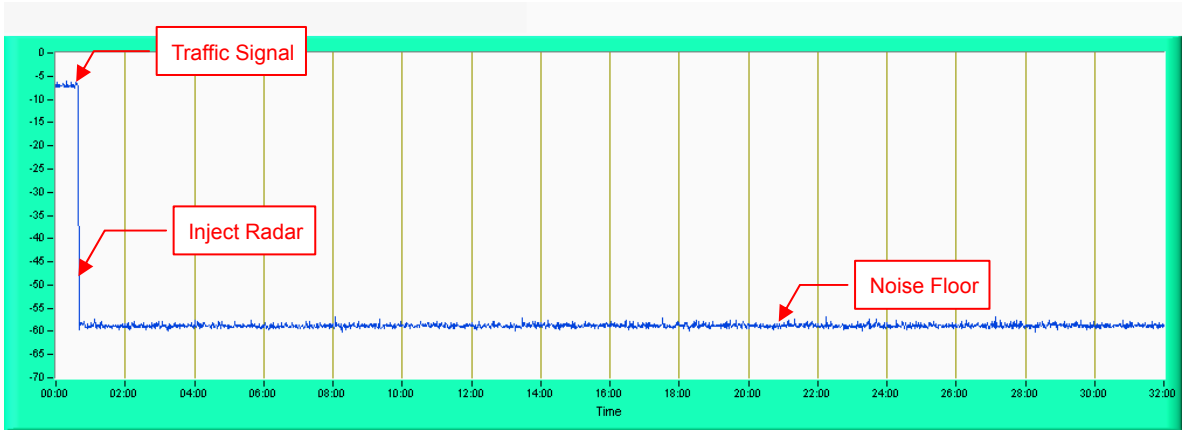
Radar 6



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

Plot of 30minutes period

802.11ac 20MHz



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

6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT randomly select next output channel without any bias or fixed pattern, so that all channels in DFS bands (5250 to 5350MHz and 5470 to 5725 MHz) will be used equally.

6.2.7 TRANSMIT POWER CONTROL (TPC)

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

7. INFORMATION ON THE TESTING LABORATORIES

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

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

Linko EMC/RF Lab
Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Lab
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

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

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

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

---END---

Annex-A

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

IEEE 802.11ac 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	102	1.0u	518.0u	Yes
2	99	1.0u	538.0u	Yes
3	92	1.0u	578.0u	Yes
4	86	1.0u	618.0u	Yes
5	83	1.0u	638.0u	Yes
6	78	1.0u	678.0u	Yes
7	76	1.0u	698.0u	Yes
8	72	1.0u	738.0u	Yes
9	65	1.0u	818.0u	Yes
10	62	1.0u	858.0u	Yes
11	61	1.0u	878.0u	Yes
12	59	1.0u	898.0u	Yes
13	58	1.0u	918.0u	Yes
14	57	1.0u	938.0u	Yes
15	18	1.0u	3.066m	Yes
16	46	1.0u	1.152m	Yes
17	39	1.0u	1.365m	Yes
18	76	1.0u	701.0u	Yes
19	34	1.0u	1.577m	Yes
20	30	1.0u	1.790m	Yes
21	82	1.0u	645.0u	Yes
22	27	1.0u	2.002m	Yes
23	24	1.0u	2.215m	Yes
24	75	1.0u	709.0u	Yes
25	22	1.0u	2.428m	Yes
26	20	1.0u	2.640m	Yes
27	69	1.0u	773.0u	Yes
28	19	1.0u	2.853m	Yes
29	18	1.0u	3.065m	Yes
30	92	1.0u	577.0u	Yes
				Detection Rate: 100.0 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	23	2.3u	222.0u	Yes
2	28	1.8u	204.0u	Yes
3	26	1.6u	225.0u	Yes
4	27	3.8u	168.0u	Yes
5	27	1.1u	227.0u	Yes
6	27	2.6u	166.0u	Yes
7	24	4.7u	161.0u	Yes
8	28	1.9u	180.0u	Yes
9	29	1.3u	176.0u	Yes
10	23	1.8u	170.0u	Yes
11	29	1.4u	195.0u	Yes
12	25	3.4u	228.0u	Yes
13	26	2.3u	206.0u	Yes
14	27	4.5u	189.0u	Yes
15	25	3.9u	194.0u	Yes
16	25	3.0u	154.0u	Yes
17	23	3.6u	182.0u	Yes
18	26	3.4u	160.0u	Yes
19	25	3.3u	229.0u	Yes
20	23	1.9u	151.0u	Yes
21	25	1.8u	184.0u	Yes
22	28	2.3u	229.0u	Yes
23	29	1.1u	210.0u	Yes
24	26	2.2u	203.0u	Yes
25	25	2.9u	222.0u	Yes
26	28	1.4u	220.0u	Yes
27	26	1.8u	155.0u	Yes
28	29	3.4u	155.0u	Yes
29	28	3.1u	204.0u	Yes
30	26	4.4u	176.0u	No
				Detection Rate: 96.7 %

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	7.8u	292.0u	Yes
2	18	7.0u	366.0u	Yes
3	18	9.2u	486.0u	Yes
4	17	6.8u	216.0u	Yes
5	18	7.3u	446.0u	Yes
6	16	6.6u	208.0u	Yes
7	17	6.8u	347.0u	Yes
8	17	9.6u	232.0u	Yes
9	17	6.2u	364.0u	Yes
10	16	7.1u	407.0u	Yes
11	18	6.6u	458.0u	Yes
12	17	9.1u	226.0u	Yes
13	16	6.9u	297.0u	Yes
14	18	9.8u	463.0u	Yes
15	17	6.1u	329.0u	Yes
16	17	10.0u	333.0u	Yes
17	18	8.5u	399.0u	Yes
18	17	8.7u	316.0u	Yes
19	16	9.9u	402.0u	Yes
20	17	6.9u	446.0u	Yes
21	16	6.6u	451.0u	Yes
22	16	8.2u	272.0u	Yes
23	17	8.5u	395.0u	Yes
24	17	8.4u	379.0u	Yes
25	16	7.4u	292.0u	Yes
26	16	9.8u	489.0u	Yes
27	17	7.7u	375.0u	Yes
28	16	7.7u	297.0u	Yes
29	18	9.2u	347.0u	Yes
30	16	6.9u	415.0u	Yes
				Detection Rate: 100 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	18.2u	402.0u	Yes
2	13	14.5u	226.0u	Yes
3	15	13.7u	340.0u	Yes
4	16	12.2u	469.0u	Yes
5	12	14.6u	220.0u	Yes
6	15	17.0u	370.0u	Yes
7	15	11.4u	458.0u	Yes
8	13	11.6u	487.0u	Yes
9	16	16.2u	202.0u	Yes
10	15	19.8u	363.0u	Yes
11	14	11.8u	424.0u	Yes
12	14	18.0u	407.0u	Yes
13	16	17.8u	256.0u	Yes
14	16	13.1u	420.0u	Yes
15	13	18.6u	243.0u	Yes
16	14	13.4u	284.0u	Yes
17	12	17.7u	410.0u	Yes
18	15	19.3u	234.0u	Yes
19	14	11.9u	411.0u	Yes
20	16	13.4u	420.0u	Yes
21	14	19.2u	235.0u	Yes
22	14	15.2u	406.0u	Yes
23	15	18.7u	408.0u	Yes
24	13	16.1u	366.0u	No
25	13	11.3u	369.0u	Yes
26	14	17.1u	284.0u	No
27	13	13.5u	495.0u	Yes
28	15	16.8u	424.0u	Yes
29	14	16.3u	322.0u	Yes
30	13	13.0u	314.0u	Yes
				Detection Rate: 93.3 %

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	No
2	LP_Signal_02	No
3	LP_Signal_03	No
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	No
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 86.7 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	91.9u	1.625m	1.529m	565.7m
2	2	16M	75.9u	1.589m	-	811.7m
3	2	11M	72.4u	1.689m	-	197.9m
4	1	14M	78.5u	-	-	65.03m
5	2	14M	80.9u	1.448m	-	779.0m
6	2	8M	61.5u	1.571m	-	852.0m
7	3	15M	52.9u	1.290m	1.282m	234.1m
8	3	15M	75.5u	1.804m	1.084m	262.4m
9	3	15M	82.4u	1.423m	1.316m	906.2m
10	2	10M	84.4u	1.882m	-	1.690m
11	2	11M	52.5u	1.283m	-	898.7m
12	2	9M	64.3u	1.711m	-	288.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
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	18M	87.1u	-	-	77.85m
2	3	12M	58.5u	1.783m	1.204m	640.9m
3	1	11M	84.9u	-	-	735.5m
4	2	6M	83.9u	1.545m	-	703.0m
5	3	7M	51.1u	1.413m	1.106m	548.4m
6	2	16M	94.5u	1.739m	-	168.4m
7	2	15M	97.2u	1.433m	-	13.53m
8	2	12M	75.9u	1.034m	-	706.0m
9	1	6M	88.8u	-	-	300.3m
10	2	11M	85.2u	1.505m	-	402.0m
11	2	17M	95.6u	1.049m	-	67.26m
12	2	17M	57.8u	1.542m	-	264.6m
13	3	18M	56.3u	1.379m	1.142m	729.6m
14	1	14M	84.1u	-	-	237.0m
15	1	18M	61.0u	-	-	343.0m
16	2	9M	73.3u	1.850m	-	311.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	59.2u	989.8u	1.578m	274.7m
2	1	17M	53.7u	-	-	586.8m
3	2	12M	65.5u	1.620m	-	127.3m
4	2	13M	76.5u	1.509m	-	615.0m
5	1	9M	82.3u	-	-	59.17m
6	2	11M	68.1u	978.9u	-	28.97m
7	3	16M	73.0u	1.071m	1.395m	385.9m
8	1	7M	67.5u	-	-	276.1m
9	2	9M	72.9u	1.557m	-	644.9m
10	2	16M	64.6u	1.935m	-	51.74m
11	3	16M	79.7u	1.340m	1.407m	166.1m
12	2	16M	57.8u	1.761m	-	136.2m
13	1	11M	94.9u	-	-	445.9m
14	2	10M	64.3u	943.7u	-	713.6m
15	2	15M	59.4u	1.679m	-	446.6m
16	1	9M	52.2u	-	-	687.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	79.2u	1.618m	-	381.5m
2	1	18M	57.9u	-	-	328.1m
3	2	7M	76.5u	1.275m	-	11.12m
4	1	6M	92.9u	-	-	394.7m
5	3	9M	64.1u	1.573m	1.046m	193.1m
6	1	6M	66.2u	-	-	248.3m
7	3	18M	91.2u	1.187m	1.675m	125.8m
8	1	19M	83.8u	-	-	542.9m
9	1	8M	54.7u	-	-	524.7m
10	1	17M	60.6u	-	-	1.331m
11	1	7M	75.9u	-	-	52.21m
12	2	13M	51.7u	1.007m	-	202.1m
13	2	18M	55.4u	1.022m	-	485.8m
14	2	11M	78.5u	1.384m	-	395.1m
15	3	9M	71.6u	1.856m	1.109m	103.7m
16	3	16M	66.7u	1.669m	1.583m	399.4m
17	1	7M	73.3u	-	-	205.4m
18	1	12M	98.3u	-	-	394.4m
19	3	7M	76.5u	1.625m	1.562m	252.6m
20	1	19M	65.9u	-	-	169.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	55.4u	1.110m	-	337.0m
2	2	14M	52.8u	1.275m	-	533.6m
3	2	8M	65.3u	1.283m	-	2.790m
4	2	20M	89.1u	1.137m	-	402.4m
5	1	8M	95.4u	-	-	502.0m
6	1	7M	74.0u	-	-	19.45m
7	2	18M	66.8u	1.161m	-	144.6m
8	3	16M	70.6u	1.445m	1.396m	430.1m
9	2	12M	80.1u	989.9u	-	208.7m
10	2	11M	66.2u	1.883m	-	472.7m
11	3	14M	60.6u	965.4u	1.125m	28.07m
12	3	6M	80.3u	1.518m	1.598m	247.2m
13	3	5M	91.8u	1.315m	1.502m	403.3m
14	2	5M	67.8u	1.877m	-	137.9m
15	2	6M	68.6u	1.718m	-	20.01m
16	1	10M	93.4u	-	-	335.4m
17	3	14M	86.8u	995.2u	1.865m	382.3m
18	3	17M	81.0u	1.452m	1.491m	456.4m
19	1	5M	80.0u	-	-	7.999m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	72.0u	1.473m	-	596.6m
2	1	6M	92.3u	-	-	92.43m
3	2	8M	78.3u	1.799m	-	375.9m
4	2	16M	96.4u	1.171m	-	466.8m
5	2	16M	62.3u	1.297m	-	241.4m
6	1	5M	60.2u	-	-	406.2m
7	2	15M	74.7u	1.718m	-	552.6m
8	2	12M	96.3u	1.745m	-	563.0m
9	3	10M	55.6u	1.174m	1.232m	458.1m
10	2	6M	78.5u	1.458m	-	253.2m
11	2	6M	82.7u	1.734m	-	422.7m
12	2	17M	88.5u	1.560m	-	377.6m
13	3	12M	68.7u	1.891m	1.556m	482.5m
14	1	8M	50.9u	-	-	491.6m
15	1	12M	65.2u	-	-	396.6m
16	1	12M	61.8u	-	-	546.9m
17	3	12M	72.8u	1.299m	1.545m	548.2m
18	1	7M	67.7u	-	-	379.9m
19	2	15M	89.8u	1.514m	-	90.49m
20	2	8M	67.8u	1.367m	-	277.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	97.9u	980.1u	-	735.2m
2	3	15M	84.1u	1.294m	1.781m	580.5m
3	2	19M	50.5u	1.063m	-	203.6m
4	3	6M	70.9u	1.325m	1.566m	478.5m
5	3	14M	80.4u	1.344m	1.635m	939.6m
6	2	13M	73.6u	1.612m	-	841.0m
7	3	8M	82.2u	1.809m	1.224m	403.8m
8	2	11M	54.3u	1.372m	-	1.112
9	1	7M	56.3u	-	-	360.8m
10	2	13M	57.5u	1.170m	-	880.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	79.1u	1.701m	-	980.7m
2	2	6M	56.4u	1.454m	-	500.9m
3	3	13M	84.9u	1.586m	1.740m	875.6m
4	2	10M	65.8u	958.2u	-	299.7m
5	1	18M	79.6u	-	-	69.72m
6	3	18M	72.7u	1.000m	1.751m	882.4m
7	2	17M	63.7u	1.113m	-	743.8m
8	3	15M	98.6u	1.301m	1.364m	970.4m
9	2	14M	79.9u	1.042m	-	782.9m
10	2	9M	95.2u	1.243m	-	325.3m
11	1	11M	84.8u	-	-	399.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	79.8u	1.015m	-	445.3m
2	2	10M	70.8u	1.078m	-	136.1m
3	1	14M	51.8u	-	-	591.2m
4	1	16M	67.2u	-	-	639.7m
5	3	20M	69.4u	1.798m	1.290m	602.8m
6	2	17M	71.1u	1.063m	-	257.6m
7	3	15M	66.2u	1.558m	1.463m	639.9m
8	2	8M	51.3u	1.625m	-	425.4m
9	1	12M	64.0u	-	-	635.1m
10	1	17M	57.8u	-	-	98.61m
11	2	15M	90.0u	1.492m	-	19.03m
12	2	12M	53.3u	1.359m	-	406.8m
13	2	14M	77.0u	1.230m	-	298.7m
14	3	14M	54.6u	1.070m	1.481m	35.97m
15	2	6M	95.1u	1.392m	-	199.0m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	53.2u	1.370m	1.440m	847.0m
2	1	12M	57.8u	-	-	722.5m
3	3	18M	75.3u	1.665m	1.480m	270.6m
4	2	16M	73.4u	1.410m	-	211.4m
5	3	19M	76.1u	1.194m	1.901m	163.5m
6	2	11M	63.8u	1.894m	-	388.2m
7	1	14M	90.8u	-	-	754.6m
8	2	12M	57.3u	1.786m	-	643.1m
9	2	20M	80.7u	1.561m	-	177.8m
10	2	6M	55.3u	1.912m	-	516.7m
11	2	14M	54.7u	1.826m	-	563.2m
12	1	9M	53.2u	-	-	668.2m
13	3	14M	64.7u	1.691m	1.676m	345.0m
14	1	11M	83.4u	-	-	105.1m

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	3	10M	87.7u	980.3u	1.107m	193.6m
2	2	13M	65.3u	1.296m	-	556.0m
3	2	18M	88.0u	967.0u	-	368.2m
4	2	14M	69.0u	1.807m	-	298.2m
5	1	11M	68.0u	-	-	386.0m
6	1	12M	95.5u	-	-	34.34m
7	3	17M	80.0u	1.655m	1.210m	210.0m
8	2	6M	72.7u	1.040m	-	176.6m
9	1	17M	59.5u	-	-	510.6m
10	2	9M	86.1u	1.833m	-	392.1m
11	2	20M	53.0u	1.253m	-	118.4m
12	2	19M	75.3u	1.439m	-	265.4m
13	2	11M	56.6u	1.085m	-	293.6m
14	1	17M	56.5u	-	-	550.0m
15	2	14M	60.7u	1.452m	-	223.8m
16	2	20M	82.6u	1.466m	-	285.0m
17	3	15M	89.3u	1.848m	1.844m	418.3m
18	2	11M	95.1u	1.119m	-	13.20m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_12
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	99.4u	1.551m	999.6u	191.8m
2	3	12M	86.8u	1.344m	1.025m	149.3m
3	2	15M	66.1u	965.9u	-	156.3m
4	2	19M	80.9u	1.495m	-	621.3m
5	2	9M	85.1u	1.654m	-	693.2m
6	1	17M	82.1u	-	-	216.5m
7	2	12M	91.3u	1.796m	-	703.8m
8	2	16M	60.6u	1.377m	-	888.8m
9	1	15M	86.6u	-	-	31.13m
10	1	20M	58.2u	-	-	396.1m
11	2	17M	79.6u	1.899m	-	115.7m
12	3	9M	97.8u	1.524m	1.020m	331.7m
13	3	6M	59.2u	1.066m	1.132m	328.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	84.6u	-	-	1.201
2	1	7M	82.9u	-	-	1.303
3	1	19M	59.0u	-	-	1.249
4	2	14M	72.5u	1.734m	-	978.3m
5	2	17M	56.3u	1.590m	-	77.31m
6	2	7M	67.1u	1.247m	-	9.363m
7	3	7M	94.5u	1.828m	1.190m	951.3m
8	1	20M	81.6u	-	-	119.8m
9	1	9M	52.3u	-	-	1.244

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	6M	96.3u	986.7u	1.789m	115.1m
2	1	14M	73.1u	-	-	456.2m
3	2	8M	84.3u	1.302m	-	504.6m
4	3	13M	97.8u	1.856m	1.244m	477.8m
5	1	6M	87.7u	-	-	143.9m
6	2	6M	55.9u	1.597m	-	628.5m
7	3	9M	62.4u	1.661m	1.629m	258.8m
8	1	6M	98.4u	-	-	581.0m
9	3	5M	52.9u	1.388m	1.776m	75.02m
10	3	17M	92.1u	1.177m	1.871m	584.1m
11	2	13M	66.9u	1.549m	-	105.1m
12	1	10M	77.4u	-	-	582.8m
13	2	9M	66.0u	1.537m	-	346.2m
14	3	9M	76.8u	1.598m	1.020m	404.1m
15	2	16M	53.9u	1.377m	-	609.7m
16	3	6M	82.2u	1.780m	1.569m	566.8m
17	3	18M	98.9u	1.542m	1.695m	474.4m
18	1	18M	89.4u	-	-	544.6m
19	2	18M	78.3u	1.538m	-	417.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	61.4u	1.820m	-	361.4m
2	2	5M	79.3u	1.561m	-	480.5m
3	2	8M	57.3u	1.014m	-	471.6m
4	3	12M	54.5u	1.506m	1.378m	103.6m
5	1	19M	81.3u	-	-	651.5m
6	1	18M	72.5u	-	-	5.587m
7	1	17M	83.9u	-	-	445.1m
8	2	16M	95.5u	939.5u	-	506.6m
9	3	14M	80.8u	1.659m	1.835m	229.8m
10	1	10M	74.7u	-	-	605.0m
11	3	19M	86.6u	1.813m	1.646m	333.9m
12	2	12M	52.7u	1.659m	-	571.8m
13	1	10M	77.9u	-	-	130.5m
14	1	11M	82.3u	-	-	461.2m
15	2	16M	61.2u	1.612m	-	53.40m
16	2	11M	64.1u	1.174m	-	189.1m
17	3	20M	51.9u	1.658m	1.249m	414.4m

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	17M	89.6u	931.4u	-	83.32m
2	3	15M	92.8u	961.2u	1.382m	1.158
3	3	8M	84.8u	1.329m	1.350m	569.1m
4	2	15M	53.6u	975.4u	-	918.7m
5	2	13M	59.5u	1.818m	-	1.325
6	3	18M	78.0u	1.201m	1.352m	485.3m
7	2	14M	76.5u	1.556m	-	906.1m
8	3	18M	69.0u	1.076m	1.474m	243.8m
9	2	6M	99.6u	1.413m	-	1.151

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	76.2u	1.877m	-	592.2m
2	2	18M	50.9u	1.400m	-	403.4m
3	3	19M	79.0u	1.294m	1.378m	499.5m
4	2	14M	77.9u	1.200m	-	141.6m
5	2	8M	82.3u	1.745m	-	12.50m
6	2	11M	61.7u	1.821m	-	601.1m
7	2	10M	74.6u	1.309m	-	97.87m
8	2	19M	85.7u	1.383m	-	565.9m
9	1	11M	98.4u	-	-	162.8m
10	2	6M	81.9u	1.465m	-	393.8m
11	1	9M	79.1u	-	-	335.4m
12	3	14M	59.0u	997.0u	1.554m	561.7m
13	2	17M	94.4u	1.879m	-	388.9m
14	2	5M	69.0u	1.924m	-	117.1m
15	2	9M	70.6u	1.525m	-	197.4m
16	1	18M	95.3u	-	-	230.7m
17	2	20M	73.9u	1.627m	-	328.9m
18	3	14M	65.3u	1.687m	1.344m	200.3m
19	2	12M	69.7u	1.181m	-	563.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	80.3u	1.555m	1.048m	707.2m
2	2	14M	98.5u	1.522m	-	81.83m
3	2	7M	99.1u	1.510m	-	522.1m
4	2	15M	68.3u	1.565m	-	925.9m
5	3	14M	59.2u	1.571m	1.736m	770.8m
6	2	18M	93.9u	1.058m	-	262.2m
7	2	19M	82.1u	1.238m	-	888.1m
8	2	11M	87.2u	1.427m	-	507.4m
9	2	17M	94.1u	1.672m	-	372.0m
10	2	13M	85.6u	1.259m	-	303.9m
11	1	16M	69.5u	-	-	558.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_19
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	89.9u	952.1u	-	164.2m
2	2	12M	60.1u	1.101m	-	597.2m
3	2	18M	88.6u	1.621m	-	157.8m
4	2	15M	70.3u	1.101m	-	123.9m
5	1	9M	62.4u	-	-	527.6m
6	2	7M	62.0u	1.461m	-	563.3m
7	2	14M	91.8u	1.872m	-	134.8m
8	3	7M	94.7u	1.476m	1.570m	359.4m
9	3	7M	67.8u	1.913m	1.163m	553.5m
10	2	7M	58.1u	1.934m	-	189.3m
11	1	18M	86.2u	-	-	389.0m
12	2	13M	57.8u	988.2u	-	616.5m
13	1	19M	85.6u	-	-	229.1m
14	2	18M	79.3u	1.656m	-	319.5m
15	1	14M	66.5u	-	-	419.8m
16	3	17M	67.6u	1.854m	1.103m	488.8m
17	3	16M	72.2u	1.007m	1.589m	293.4m
18	3	17M	54.1u	1.398m	997.9u	338.1m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	57.8u	1.348m	-	347.9m
2	2	5M	92.6u	1.007m	-	361.5m
3	1	12M	50.0u	-	-	148.3m
4	1	6M	59.6u	-	-	648.6m
5	2	11M	66.9u	1.700m	-	466.3m
6	2	10M	84.3u	1.715m	-	689.6m
7	2	14M	88.9u	1.080m	-	593.7m
8	2	13M	56.9u	1.343m	-	312.9m
9	2	18M	52.4u	1.103m	-	329.9m
10	2	20M	79.1u	1.789m	-	28.62m
11	1	18M	87.0u	-	-	205.1m
12	1	12M	78.8u	-	-	491.8m
13	3	12M	53.4u	1.690m	1.553m	155.3m
14	2	12M	56.9u	1.238m	-	451.4m
15	2	13M	81.0u	1.264m	-	146.1m
16	1	7M	61.3u	-	-	533.8m
17	1	16M	72.1u	-	-	519.9m

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	13M	85.2u	-	-	932.9m
2	3	19M	78.5u	1.277m	1.808m	26.40m
3	2	6M	85.3u	928.7u	-	69.95m
4	3	18M	69.6u	1.726m	1.828m	338.9m
5	2	16M	87.5u	1.046m	-	871.4m
6	3	20M	92.5u	1.644m	1.680m	796.6m
7	2	8M	73.4u	1.619m	-	40.91m
8	2	5M	95.8u	1.204m	-	499.9m
9	2	17M	73.6u	1.056m	-	893.6m
10	3	10M	63.6u	1.211m	1.510m	361.8m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	93.4u	1.624m	-	491.1m
2	2	13M	59.6u	1.070m	-	87.34m
3	2	14M	92.6u	1.847m	-	682.3m
4	1	20M	62.6u	-	-	234.9m
5	2	16M	69.6u	1.846m	-	262.3m
6	3	20M	84.8u	1.817m	1.228m	1.009
7	3	17M	79.0u	990.0u	1.506m	1.125
8	3	9M	54.3u	1.825m	1.661m	86.73m
9	1	15M	64.5u	-	-	720.1m
10	1	12M	76.6u	-	-	491.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_23
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	6M	79.1u	1.190m	1.551m	97.10m
2	2	7M	98.8u	1.656m	-	157.7m
3	2	17M	70.5u	1.391m	-	1.050
4	3	16M	90.9u	1.795m	1.519m	820.0m
5	2	14M	94.4u	1.667m	-	543.1m
6	2	7M	96.5u	1.138m	-	332.3m
7	2	19M	51.4u	1.873m	-	139.2m
8	2	17M	72.5u	1.185m	-	44.68m
9	1	14M	87.6u	-	-	888.5m
10	3	20M	78.4u	1.577m	1.873m	735.5m
11	2	16M	69.8u	1.813m	-	311.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_24
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	8M	78.7u	1.046m	948.3u	608.2m
2	2	14M	57.1u	1.899m	-	812.0m
3	1	18M	55.5u	-	-	248.1m
4	1	5M	51.9u	-	-	228.5m
5	2	9M	86.2u	1.624m	-	853.9m
6	2	11M	72.1u	1.041m	-	514.1m
7	1	6M	71.0u	-	-	189.6m
8	1	8M	81.6u	-	-	453.3m
9	2	19M	83.6u	1.334m	-	857.2m
10	2	15M	79.0u	1.859m	-	999.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
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	7M	82.1u	1.025m	-	526.8m
2	2	7M	55.4u	1.354m	-	809.5m
3	2	6M	73.4u	971.6u	-	250.0m
4	2	8M	55.5u	1.429m	-	641.1m
5	2	14M	92.6u	911.4u	-	606.6m
6	1	10M	64.3u	-	-	229.2m
7	3	12M	79.5u	1.496m	1.081m	570.3m
8	2	12M	94.7u	944.3u	-	174.9m
9	2	20M	53.6u	1.850m	-	324.0m
10	3	6M	92.7u	1.347m	1.407m	792.1m
11	2	11M	52.0u	1.335m	-	941.3m
12	2	16M	87.9u	1.494m	-	174.3m

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	3	13M	75.5u	1.205m	1.014m	354.9m
2	2	6M	89.1u	1.643m	-	118.7m
3	3	18M	95.5u	956.5u	1.334m	253.2m
4	3	6M	84.0u	1.419m	956.0u	373.5m
5	1	15M	55.8u	-	-	257.9m
6	2	11M	63.6u	1.762m	-	50.20m
7	2	20M	64.2u	1.034m	-	32.33m
8	2	14M	88.1u	1.115m	-	465.5m
9	1	16M	62.9u	-	-	280.4m
10	3	16M	50.3u	1.296m	1.845m	460.1m
11	1	11M	85.1u	-	-	479.5m
12	3	7M	68.2u	1.277m	1.433m	377.3m
13	3	8M	96.5u	917.5u	1.584m	544.0m
14	3	12M	71.0u	1.814m	1.486m	9.113m
15	2	16M	51.6u	1.109m	-	569.8m
16	3	12M	52.3u	989.7u	1.699m	26.60m
17	2	9M	88.7u	1.816m	-	278.7m
18	3	17M	99.1u	1.795m	957.9u	625.2m
19	1	15M	91.5u	-	-	103.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_27
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	81.2u	1.825m	1.586m	607.3m
2	2	8M	92.9u	918.1u	-	1.009
3	1	9M	75.1u	-	-	243.9m
4	2	13M	58.8u	1.554m	-	567.5m
5	3	12M	99.8u	1.355m	984.2u	530.6m
6	2	13M	88.7u	1.794m	-	402.4m
7	2	9M	71.3u	1.586m	-	623.1m
8	2	16M	62.0u	1.165m	-	869.4m
9	1	17M	88.5u	-	-	231.8m
10	3	10M	73.0u	1.901m	1.887m	904.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	98.3u	-	-	95.77m
2	1	12M	53.2u	-	-	637.5m
3	1	11M	98.9u	-	-	416.2m
4	2	5M	52.6u	1.759m	-	391.4m
5	1	18M	71.1u	-	-	252.6m
6	2	17M	86.6u	1.261m	-	205.1m
7	1	6M	85.4u	-	-	105.6m
8	1	10M	80.2u	-	-	514.4m
9	2	15M	66.0u	1.398m	-	296.3m
10	2	5M	96.5u	1.342m	-	551.5m
11	3	5M	77.0u	1.431m	1.134m	265.3m
12	2	11M	68.8u	1.283m	-	610.8m
13	3	18M	80.4u	1.860m	1.671m	589.7m
14	1	15M	77.5u	-	-	627.0m
15	3	12M	94.2u	1.617m	1.847m	61.63m
16	2	12M	79.7u	1.730m	-	367.0m
17	2	17M	73.2u	1.843m	-	116.0m

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	3	14M	90.4u	1.730m	1.159m	431.4m
2	1	11M	67.0u	-	-	878.3m
3	3	11M	74.7u	1.722m	1.229m	259.4m
4	2	17M	64.3u	1.103m	-	563.1m
5	3	19M	69.4u	1.399m	1.187m	190.0m
6	3	20M	74.3u	1.517m	1.637m	437.2m
7	2	12M	77.4u	1.001m	-	246.5m
8	1	14M	68.7u	-	-	331.5m
9	1	12M	50.5u	-	-	680.4m
10	2	11M	60.7u	1.470m	-	206.1m
11	1	14M	51.1u	-	-	437.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	86.8u	1.424m	-	949.0m
2	2	14M	55.0u	1.151m	-	778.5m
3	2	8M	90.0u	1.684m	-	111.7m
4	1	13M	71.5u	-	-	18.00m
5	3	12M	65.9u	1.018m	1.571m	731.5m
6	1	12M	61.2u	-	-	29.55m
7	3	11M	98.2u	1.043m	1.626m	208.6m
8	2	6M	95.4u	1.418m	-	985.1m
9	2	19M	62.4u	1.386m	-	329.1m
10	3	13M	50.4u	1.845m	1.030m	665.9m
11	3	5M	65.7u	1.721m	1.927m	676.3m

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	Yes
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	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	No
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 93.3 %

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	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	No
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 93.3%

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.511G	2	5.288G	3	5.370G	4	5.514G
5	5.473G	6	5.300G	7	5.619G	8	5.419G
9	5.537G	10	5.682G	11	5.533G	12	5.673G
13	5.610G	14	5.397G	15	5.523G	16	5.299G
17	5.628G	18	5.460G	19	5.384G	20	5.454G
21	5.648G	22	5.276G	23	5.422G	24	5.309G
25	5.453G	26	5.614G	27	5.665G	28	5.576G
29	5.703G	30	5.303G	31	5.343G	32	5.540G
33	5.583G	34	5.428G	35	5.459G	36	5.719G
37	5.501G	38	5.516G	39	5.564G	40	5.551G
41	5.293G	42	5.331G	43	5.671G	44	5.494G
45	5.396G	46	5.327G	47	5.503G	48	5.393G
49	5.623G	50	5.697G	51	5.469G	52	5.717G
53	5.681G	54	5.314G	55	5.418G	56	5.479G
57	5.539G	58	5.264G	59	5.696G	60	5.689G
61	5.556G	62	5.557G	63	5.492G	64	5.586G
65	5.364G	66	5.611G	67	5.326G	68	5.677G
69	5.517G	70	5.680G	71	5.506G	72	5.430G
73	5.441G	74	5.346G	75	5.642G	76	5.627G
77	5.270G	78	5.562G	79	5.534G	80	5.712G
81	5.561G	82	5.698G	83	5.467G	84	5.700G
85	5.423G	86	5.647G	87	5.261G	88	5.667G
89	5.380G	90	5.352G	91	5.566G	92	5.294G
93	5.257G	94	5.597G	95	5.350G	96	5.521G
97	5.702G	98	5.443G	99	5.365G	100	5.395G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.474G	3	5.255G	4	5.520G
5	5.454G	6	5.332G	7	5.467G	8	5.567G
9	5.329G	10	5.504G	11	5.569G	12	5.553G
13	5.296G	14	5.625G	15	5.680G	16	5.328G
17	5.564G	18	5.581G	19	5.600G	20	5.638G
21	5.591G	22	5.547G	23	5.423G	24	5.434G
25	5.666G	26	5.512G	27	5.714G	28	5.445G
29	5.487G	30	5.400G	31	5.437G	32	5.301G
33	5.363G	34	5.611G	35	5.344G	36	5.663G
37	5.339G	38	5.494G	39	5.426G	40	5.482G
41	5.272G	42	5.721G	43	5.410G	44	5.523G
45	5.452G	46	5.552G	47	5.635G	48	5.710G
49	5.628G	50	5.660G	51	5.536G	52	5.605G
53	5.596G	54	5.473G	55	5.498G	56	5.261G
57	5.511G	58	5.711G	59	5.543G	60	5.582G
61	5.399G	62	5.432G	63	5.315G	64	5.586G
65	5.348G	66	5.575G	67	5.260G	68	5.476G
69	5.588G	70	5.557G	71	5.617G	72	5.325G
73	5.351G	74	5.624G	75	5.288G	76	5.519G
77	5.651G	78	5.395G	79	5.716G	80	5.442G
81	5.712G	82	5.623G	83	5.449G	84	5.403G
85	5.620G	86	5.531G	87	5.514G	88	5.708G
89	5.486G	90	5.405G	91	5.491G	92	5.343G
93	5.349G	94	5.724G	95	5.425G	96	5.367G
97	5.352G	98	5.654G	99	5.686G	100	5.401G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.500G	2	5.345G	3	5.449G	4	5.328G
5	5.675G	6	5.709G	7	5.631G	8	5.293G
9	5.430G	10	5.420G	11	5.698G	12	5.263G
13	5.680G	14	5.376G	15	5.288G	16	5.432G
17	5.701G	18	5.660G	19	5.417G	20	5.582G
21	5.392G	22	5.361G	23	5.625G	24	5.308G
25	5.450G	26	5.284G	27	5.714G	28	5.258G
29	5.574G	30	5.689G	31	5.366G	32	5.374G
33	5.633G	34	5.403G	35	5.658G	36	5.540G
37	5.341G	38	5.712G	39	5.522G	40	5.346G
41	5.358G	42	5.350G	43	5.436G	44	5.480G
45	5.627G	46	5.330G	47	5.313G	48	5.343G
49	5.717G	50	5.588G	51	5.273G	52	5.431G
53	5.327G	54	5.266G	55	5.569G	56	5.532G
57	5.639G	58	5.397G	59	5.607G	60	5.269G
61	5.321G	62	5.342G	63	5.648G	64	5.338G
65	5.662G	66	5.530G	67	5.596G	68	5.619G
69	5.344G	70	5.260G	71	5.488G	72	5.550G
73	5.586G	74	5.419G	75	5.322G	76	5.487G
77	5.312G	78	5.315G	79	5.654G	80	5.394G
81	5.456G	82	5.442G	83	5.673G	84	5.692G
85	5.471G	86	5.416G	87	5.497G	88	5.467G
89	5.708G	90	5.653G	91	5.506G	92	5.473G
93	5.460G	94	5.438G	95	5.393G	96	5.557G
97	5.415G	98	5.339G	99	5.511G	100	5.331G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.388G	2	5.596G	3	5.588G	4	5.427G
5	5.543G	6	5.426G	7	5.601G	8	5.495G
9	5.305G	10	5.269G	11	5.380G	12	5.625G
13	5.461G	14	5.526G	15	5.580G	16	5.574G
17	5.528G	18	5.516G	19	5.250G	20	5.633G
21	5.535G	22	5.584G	23	5.297G	24	5.329G
25	5.284G	26	5.670G	27	5.267G	28	5.648G
29	5.672G	30	5.620G	31	5.721G	32	5.266G
33	5.472G	34	5.532G	35	5.554G	36	5.530G
37	5.566G	38	5.565G	39	5.539G	40	5.568G
41	5.315G	42	5.527G	43	5.658G	44	5.531G
45	5.385G	46	5.606G	47	5.667G	48	5.702G
49	5.608G	50	5.295G	51	5.366G	52	5.276G
53	5.651G	54	5.378G	55	5.660G	56	5.583G
57	5.712G	58	5.637G	59	5.703G	60	5.330G
61	5.326G	62	5.381G	63	5.304G	64	5.691G
65	5.453G	66	5.370G	67	5.655G	68	5.469G
69	5.430G	70	5.586G	71	5.379G	72	5.324G
73	5.349G	74	5.275G	75	5.278G	76	5.437G
77	5.600G	78	5.274G	79	5.509G	80	5.602G
81	5.414G	82	5.452G	83	5.375G	84	5.321G
85	5.610G	86	5.435G	87	5.523G	88	5.448G
89	5.701G	90	5.327G	91	5.325G	92	5.463G
93	5.355G	94	5.501G	95	5.301G	96	5.418G
97	5.486G	98	5.519G	99	5.468G	100	5.567G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.356G	2	5.295G	3	5.610G	4	5.529G
5	5.317G	6	5.654G	7	5.528G	8	5.381G
9	5.487G	10	5.285G	11	5.638G	12	5.323G
13	5.578G	14	5.719G	15	5.445G	16	5.608G
17	5.614G	18	5.492G	19	5.256G	20	5.363G
21	5.722G	22	5.601G	23	5.273G	24	5.457G
25	5.692G	26	5.435G	27	5.564G	28	5.602G
29	5.669G	30	5.605G	31	5.586G	32	5.645G
33	5.504G	34	5.705G	35	5.543G	36	5.259G
37	5.351G	38	5.679G	39	5.374G	40	5.495G
41	5.414G	42	5.519G	43	5.587G	44	5.590G
45	5.550G	46	5.709G	47	5.711G	48	5.685G
49	5.369G	50	5.391G	51	5.485G	52	5.641G
53	5.657G	54	5.567G	55	5.460G	56	5.479G
57	5.523G	58	5.371G	59	5.358G	60	5.642G
61	5.466G	62	5.695G	63	5.475G	64	5.720G
65	5.708G	66	5.342G	67	5.707G	68	5.574G
69	5.386G	70	5.652G	71	5.365G	72	5.672G
73	5.706G	74	5.575G	75	5.496G	76	5.723G
77	5.336G	78	5.627G	79	5.617G	80	5.716G
81	5.388G	82	5.592G	83	5.389G	84	5.503G
85	5.530G	86	5.367G	87	5.276G	88	5.639G
89	5.681G	90	5.520G	91	5.265G	92	5.499G
93	5.322G	94	5.582G	95	5.448G	96	5.540G
97	5.546G	98	5.478G	99	5.364G	100	5.471G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.356G	3	5.538G	4	5.636G
5	5.689G	6	5.718G	7	5.523G	8	5.410G
9	5.576G	10	5.329G	11	5.415G	12	5.722G
13	5.459G	14	5.706G	15	5.425G	16	5.344G
17	5.433G	18	5.431G	19	5.588G	20	5.253G
21	5.384G	22	5.293G	23	5.600G	24	5.448G
25	5.632G	26	5.445G	27	5.279G	28	5.424G
29	5.354G	30	5.609G	31	5.467G	32	5.705G
33	5.483G	34	5.472G	35	5.497G	36	5.554G
37	5.666G	38	5.542G	39	5.665G	40	5.550G
41	5.719G	42	5.370G	43	5.388G	44	5.613G
45	5.605G	46	5.405G	47	5.545G	48	5.648G
49	5.549G	50	5.366G	51	5.365G	52	5.702G
53	5.583G	54	5.463G	55	5.664G	56	5.478G
57	5.658G	58	5.418G	59	5.386G	60	5.568G
61	5.432G	62	5.339G	63	5.282G	64	5.312G
65	5.662G	66	5.417G	67	5.694G	68	5.375G
69	5.492G	70	5.618G	71	5.611G	72	5.503G
73	5.521G	74	5.351G	75	5.715G	76	5.311G
77	5.536G	78	5.302G	79	5.263G	80	5.376G
81	5.698G	82	5.331G	83	5.586G	84	5.291G
85	5.340G	86	5.372G	87	5.633G	88	5.699G
89	5.525G	90	5.394G	91	5.451G	92	5.436G
93	5.468G	94	5.520G	95	5.338G	96	5.604G
97	5.591G	98	5.360G	99	5.324G	100	5.621G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.266G	2	5.536G	3	5.589G	4	5.342G
5	5.555G	6	5.627G	7	5.405G	8	5.693G
9	5.415G	10	5.445G	11	5.546G	12	5.308G
13	5.287G	14	5.305G	15	5.656G	16	5.650G
17	5.437G	18	5.416G	19	5.268G	20	5.566G
21	5.706G	22	5.382G	23	5.423G	24	5.323G
25	5.644G	26	5.602G	27	5.630G	28	5.331G
29	5.335G	30	5.348G	31	5.491G	32	5.376G
33	5.599G	34	5.661G	35	5.604G	36	5.669G
37	5.421G	38	5.271G	39	5.510G	40	5.590G
41	5.282G	42	5.433G	43	5.357G	44	5.435G
45	5.499G	46	5.434G	47	5.316G	48	5.267G
49	5.615G	50	5.612G	51	5.403G	52	5.251G
53	5.263G	54	5.623G	55	5.611G	56	5.626G
57	5.654G	58	5.551G	59	5.292G	60	5.637G
61	5.458G	62	5.721G	63	5.273G	64	5.381G
65	5.675G	66	5.547G	67	5.326G	68	5.343G
69	5.513G	70	5.318G	71	5.558G	72	5.336G
73	5.414G	74	5.398G	75	5.609G	76	5.704G
77	5.559G	78	5.628G	79	5.567G	80	5.537G
81	5.692G	82	5.317G	83	5.579G	84	5.527G
85	5.595G	86	5.578G	87	5.320G	88	5.470G
89	5.534G	90	5.260G	91	5.368G	92	5.696G
93	5.562G	94	5.642G	95	5.686G	96	5.380G
97	5.296G	98	5.401G	99	5.702G	100	5.413G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.453G	3	5.699G	4	5.410G
5	5.709G	6	5.630G	7	5.487G	8	5.594G
9	5.323G	10	5.432G	11	5.478G	12	5.705G
13	5.288G	14	5.672G	15	5.375G	16	5.446G
17	5.542G	18	5.718G	19	5.274G	20	5.642G
21	5.576G	22	5.315G	23	5.335G	24	5.302G
25	5.495G	26	5.581G	27	5.599G	28	5.448G
29	5.608G	30	5.403G	31	5.385G	32	5.285G
33	5.506G	34	5.349G	35	5.307G	36	5.269G
37	5.321G	38	5.496G	39	5.624G	40	5.308G
41	5.545G	42	5.388G	43	5.472G	44	5.605G
45	5.708G	46	5.429G	47	5.291G	48	5.513G
49	5.345G	50	5.597G	51	5.510G	52	5.546G
53	5.292G	54	5.401G	55	5.640G	56	5.551G
57	5.334G	58	5.342G	59	5.567G	60	5.257G
61	5.473G	62	5.573G	63	5.664G	64	5.601G
65	5.703G	66	5.372G	67	5.610G	68	5.263G
69	5.503G	70	5.666G	71	5.619G	72	5.589G
73	5.400G	74	5.436G	75	5.671G	76	5.590G
77	5.526G	78	5.635G	79	5.289G	80	5.324G
81	5.431G	82	5.578G	83	5.565G	84	5.465G
85	5.615G	86	5.518G	87	5.391G	88	5.319G
89	5.491G	90	5.365G	91	5.520G	92	5.591G
93	5.555G	94	5.373G	95	5.662G	96	5.438G
97	5.602G	98	5.459G	99	5.341G	100	5.277G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.350G	2	5.487G	3	5.259G	4	5.393G
5	5.427G	6	5.551G	7	5.558G	8	5.388G
9	5.653G	10	5.258G	11	5.537G	12	5.529G
13	5.627G	14	5.687G	15	5.348G	16	5.315G
17	5.440G	18	5.584G	19	5.518G	20	5.577G
21	5.592G	22	5.692G	23	5.491G	24	5.656G
25	5.271G	26	5.689G	27	5.522G	28	5.638G
29	5.435G	30	5.549G	31	5.713G	32	5.500G
33	5.459G	34	5.665G	35	5.256G	36	5.486G
37	5.609G	38	5.334G	39	5.272G	40	5.399G
41	5.702G	42	5.499G	43	5.512G	44	5.386G
45	5.666G	46	5.387G	47	5.693G	48	5.462G
49	5.669G	50	5.543G	51	5.303G	52	5.446G
53	5.580G	54	5.298G	55	5.485G	56	5.422G
57	5.476G	58	5.321G	59	5.382G	60	5.684G
61	5.483G	62	5.332G	63	5.287G	64	5.601G
65	5.378G	66	5.290G	67	5.420G	68	5.254G
69	5.544G	70	5.368G	71	5.555G	72	5.281G
73	5.514G	74	5.498G	75	5.352G	76	5.445G
77	5.644G	78	5.250G	79	5.496G	80	5.560G
81	5.576G	82	5.700G	83	5.589G	84	5.301G
85	5.561G	86	5.458G	87	5.384G	88	5.279G
89	5.507G	90	5.456G	91	5.320G	92	5.314G
93	5.460G	94	5.405G	95	5.312G	96	5.538G
97	5.261G	98	5.582G	99	5.467G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.368G	2	5.688G	3	5.317G	4	5.536G
5	5.613G	6	5.609G	7	5.431G	8	5.707G
9	5.716G	10	5.308G	11	5.622G	12	5.649G
13	5.388G	14	5.700G	15	5.523G	16	5.360G
17	5.330G	18	5.555G	19	5.451G	20	5.643G
21	5.279G	22	5.502G	23	5.512G	24	5.460G
25	5.264G	26	5.334G	27	5.664G	28	5.259G
29	5.309G	30	5.281G	31	5.578G	32	5.378G
33	5.526G	34	5.426G	35	5.273G	36	5.477G
37	5.351G	38	5.496G	39	5.519G	40	5.558G
41	5.511G	42	5.537G	43	5.657G	44	5.404G
45	5.341G	46	5.662G	47	5.481G	48	5.708G
49	5.441G	50	5.395G	51	5.690G	52	5.663G
53	5.696G	54	5.724G	55	5.559G	56	5.630G
57	5.553G	58	5.382G	59	5.306G	60	5.483G
61	5.434G	62	5.332G	63	5.682G	64	5.561G
65	5.534G	66	5.292G	67	5.598G	68	5.367G
69	5.596G	70	5.647G	71	5.557G	72	5.312G
73	5.401G	74	5.470G	75	5.282G	76	5.695G
77	5.358G	78	5.587G	79	5.410G	80	5.373G
81	5.370G	82	5.672G	83	5.261G	84	5.320G
85	5.463G	86	5.299G	87	5.582G	88	5.476G
89	5.575G	90	5.693G	91	5.714G	92	5.400G
93	5.421G	94	5.497G	95	5.385G	96	5.722G
97	5.449G	98	5.407G	99	5.419G	100	5.372G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.721G	2	5.621G	3	5.592G	4	5.496G
5	5.297G	6	5.386G	7	5.487G	8	5.562G
9	5.605G	10	5.508G	11	5.583G	12	5.352G
13	5.273G	14	5.649G	15	5.361G	16	5.524G
17	5.526G	18	5.349G	19	5.620G	20	5.699G
21	5.537G	22	5.641G	23	5.378G	24	5.647G
25	5.669G	26	5.688G	27	5.501G	28	5.412G
29	5.656G	30	5.718G	31	5.284G	32	5.573G
33	5.369G	34	5.371G	35	5.333G	36	5.345G
37	5.375G	38	5.713G	39	5.251G	40	5.554G
41	5.681G	42	5.324G	43	5.418G	44	5.472G
45	5.407G	46	5.442G	47	5.657G	48	5.350G
49	5.602G	50	5.476G	51	5.640G	52	5.557G
53	5.373G	54	5.671G	55	5.560G	56	5.321G
57	5.558G	58	5.327G	59	5.387G	60	5.702G
61	5.380G	62	5.632G	63	5.447G	64	5.334G
65	5.667G	66	5.381G	67	5.578G	68	5.724G
69	5.477G	70	5.440G	71	5.343G	72	5.296G
73	5.446G	74	5.548G	75	5.468G	76	5.457G
77	5.323G	78	5.406G	79	5.383G	80	5.377G
81	5.438G	82	5.413G	83	5.259G	84	5.338G
85	5.275G	86	5.499G	87	5.411G	88	5.561G
89	5.672G	90	5.425G	91	5.541G	92	5.320G
93	5.604G	94	5.525G	95	5.260G	96	5.577G
97	5.674G	98	5.417G	99	5.360G	100	5.431G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.612G	3	5.424G	4	5.655G
5	5.652G	6	5.485G	7	5.559G	8	5.665G
9	5.680G	10	5.402G	11	5.586G	12	5.567G
13	5.688G	14	5.709G	15	5.269G	16	5.574G
17	5.514G	18	5.306G	19	5.625G	20	5.662G
21	5.657G	22	5.592G	23	5.575G	24	5.590G
25	5.437G	26	5.354G	27	5.364G	28	5.279G
29	5.531G	30	5.621G	31	5.261G	32	5.462G
33	5.365G	34	5.467G	35	5.393G	36	5.369G
37	5.438G	38	5.556G	39	5.340G	40	5.594G
41	5.258G	42	5.718G	43	5.510G	44	5.537G
45	5.622G	46	5.299G	47	5.429G	48	5.466G
49	5.673G	50	5.456G	51	5.443G	52	5.604G
53	5.552G	54	5.580G	55	5.389G	56	5.337G
57	5.562G	58	5.497G	59	5.504G	60	5.572G
61	5.534G	62	5.670G	63	5.280G	64	5.308G
65	5.363G	66	5.319G	67	5.430G	68	5.379G
69	5.659G	70	5.296G	71	5.540G	72	5.471G
73	5.684G	74	5.518G	75	5.495G	76	5.695G
77	5.415G	78	5.516G	79	5.419G	80	5.372G
81	5.426G	82	5.711G	83	5.502G	84	5.666G
85	5.395G	86	5.631G	87	5.557G	88	5.613G
89	5.439G	90	5.548G	91	5.681G	92	5.336G
93	5.432G	94	5.455G	95	5.403G	96	5.314G
97	5.713G	98	5.440G	99	5.576G	100	5.687G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.499G	3	5.522G	4	5.381G
5	5.573G	6	5.354G	7	5.474G	8	5.258G
9	5.436G	10	5.322G	11	5.515G	12	5.691G
13	5.695G	14	5.600G	15	5.538G	16	5.653G
17	5.610G	18	5.716G	19	5.641G	20	5.669G
21	5.668G	22	5.387G	23	5.618G	24	5.504G
25	5.623G	26	5.376G	27	5.719G	28	5.465G
29	5.529G	30	5.579G	31	5.272G	32	5.462G
33	5.590G	34	5.287G	35	5.316G	36	5.643G
37	5.715G	38	5.442G	39	5.558G	40	5.656G
41	5.471G	42	5.657G	43	5.567G	44	5.364G
45	5.353G	46	5.536G	47	5.406G	48	5.647G
49	5.352G	50	5.305G	51	5.337G	52	5.441G
53	5.484G	54	5.604G	55	5.439G	56	5.498G
57	5.333G	58	5.370G	59	5.630G	60	5.269G
61	5.502G	62	5.472G	63	5.456G	64	5.450G
65	5.451G	66	5.718G	67	5.650G	68	5.673G
69	5.611G	70	5.266G	71	5.407G	72	5.399G
73	5.459G	74	5.624G	75	5.565G	76	5.658G
77	5.320G	78	5.612G	79	5.292G	80	5.576G
81	5.692G	82	5.315G	83	5.606G	84	5.636G
85	5.449G	86	5.539G	87	5.594G	88	5.518G
89	5.616G	90	5.464G	91	5.475G	92	5.645G
93	5.597G	94	5.586G	95	5.460G	96	5.417G
97	5.324G	98	5.461G	99	5.483G	100	5.362G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.455G	2	5.470G	3	5.612G	4	5.623G
5	5.604G	6	5.258G	7	5.461G	8	5.525G
9	5.302G	10	5.713G	11	5.528G	12	5.450G
13	5.441G	14	5.539G	15	5.391G	16	5.662G
17	5.476G	18	5.648G	19	5.551G	20	5.341G
21	5.398G	22	5.553G	23	5.552G	24	5.689G
25	5.459G	26	5.303G	27	5.263G	28	5.546G
29	5.414G	30	5.465G	31	5.544G	32	5.272G
33	5.594G	34	5.443G	35	5.541G	36	5.254G
37	5.259G	38	5.632G	39	5.469G	40	5.365G
41	5.501G	42	5.439G	43	5.598G	44	5.460G
45	5.478G	46	5.445G	47	5.257G	48	5.613G
49	5.332G	50	5.676G	51	5.322G	52	5.642G
53	5.404G	54	5.691G	55	5.310G	56	5.506G
57	5.388G	58	5.701G	59	5.724G	60	5.276G
61	5.497G	62	5.643G	63	5.285G	64	5.677G
65	5.496G	66	5.540G	67	5.595G	68	5.694G
69	5.468G	70	5.480G	71	5.333G	72	5.720G
73	5.693G	74	5.339G	75	5.270G	76	5.710G
77	5.608G	78	5.456G	79	5.321G	80	5.515G
81	5.695G	82	5.413G	83	5.652G	84	5.271G
85	5.352G	86	5.295G	87	5.516G	88	5.319G
89	5.317G	90	5.513G	91	5.507G	92	5.447G
93	5.353G	94	5.564G	95	5.582G	96	5.311G
97	5.707G	98	5.380G	99	5.482G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.449G	2	5.311G	3	5.463G	4	5.683G
5	5.455G	6	5.305G	7	5.702G	8	5.538G
9	5.410G	10	5.686G	11	5.631G	12	5.650G
13	5.392G	14	5.488G	15	5.720G	16	5.396G
17	5.394G	18	5.603G	19	5.328G	20	5.428G
21	5.640G	22	5.508G	23	5.359G	24	5.427G
25	5.529G	26	5.523G	27	5.491G	28	5.481G
29	5.657G	30	5.594G	31	5.709G	32	5.624G
33	5.380G	34	5.406G	35	5.671G	36	5.308G
37	5.322G	38	5.583G	39	5.503G	40	5.478G
41	5.482G	42	5.711G	43	5.340G	44	5.647G
45	5.626G	46	5.574G	47	5.404G	48	5.578G
49	5.641G	50	5.266G	51	5.690G	52	5.693G
53	5.273G	54	5.320G	55	5.325G	56	5.539G
57	5.658G	58	5.536G	59	5.694G	60	5.402G
61	5.279G	62	5.563G	63	5.348G	64	5.635G
65	5.679G	66	5.716G	67	5.251G	68	5.511G
69	5.546G	70	5.604G	71	5.718G	72	5.698G
73	5.550G	74	5.533G	75	5.474G	76	5.516G
77	5.667G	78	5.349G	79	5.557G	80	5.451G
81	5.588G	82	5.591G	83	5.643G	84	5.433G
85	5.656G	86	5.534G	87	5.670G	88	5.697G
89	5.653G	90	5.352G	91	5.705G	92	5.524G
93	5.334G	94	5.525G	95	5.615G	96	5.329G
97	5.580G	98	5.607G	99	5.682G	100	5.355G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.384G	2	5.600G	3	5.623G	4	5.292G
5	5.435G	6	5.372G	7	5.274G	8	5.563G
9	5.423G	10	5.553G	11	5.529G	12	5.465G
13	5.442G	14	5.674G	15	5.540G	16	5.675G
17	5.300G	18	5.412G	19	5.653G	20	5.526G
21	5.592G	22	5.557G	23	5.616G	24	5.319G
25	5.656G	26	5.352G	27	5.276G	28	5.349G
29	5.560G	30	5.444G	31	5.356G	32	5.436G
33	5.402G	34	5.688G	35	5.259G	36	5.574G
37	5.404G	38	5.700G	39	5.403G	40	5.256G
41	5.395G	42	5.331G	43	5.368G	44	5.599G
45	5.546G	46	5.591G	47	5.588G	48	5.601G
49	5.558G	50	5.543G	51	5.655G	52	5.659G
53	5.510G	54	5.626G	55	5.475G	56	5.537G
57	5.512G	58	5.501G	59	5.706G	60	5.445G
61	5.373G	62	5.697G	63	5.277G	64	5.666G
65	5.312G	66	5.703G	67	5.628G	68	5.694G
69	5.327G	70	5.542G	71	5.286G	72	5.487G
73	5.565G	74	5.428G	75	5.539G	76	5.708G
77	5.265G	78	5.530G	79	5.291G	80	5.458G
81	5.580G	82	5.583G	83	5.398G	84	5.573G
85	5.689G	86	5.267G	87	5.681G	88	5.610G
89	5.523G	90	5.624G	91	5.441G	92	5.288G
93	5.432G	94	5.451G	95	5.460G	96	5.318G
97	5.639G	98	5.385G	99	5.268G	100	5.394G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.391G	2	5.497G	3	5.363G	4	5.297G
5	5.504G	6	5.684G	7	5.456G	8	5.429G
9	5.574G	10	5.509G	11	5.482G	12	5.471G
13	5.375G	14	5.649G	15	5.689G	16	5.608G
17	5.278G	18	5.546G	19	5.678G	20	5.537G
21	5.273G	22	5.411G	23	5.644G	24	5.254G
25	5.330G	26	5.499G	27	5.709G	28	5.369G
29	5.341G	30	5.577G	31	5.353G	32	5.555G
33	5.703G	34	5.384G	35	5.495G	36	5.378G
37	5.420G	38	5.431G	39	5.399G	40	5.394G
41	5.462G	42	5.525G	43	5.397G	44	5.379G
45	5.515G	46	5.306G	47	5.532G	48	5.580G
49	5.267G	50	5.586G	51	5.386G	52	5.271G
53	5.647G	54	5.594G	55	5.390G	56	5.454G
57	5.328G	58	5.409G	59	5.621G	60	5.642G
61	5.324G	62	5.648G	63	5.534G	64	5.569G
65	5.484G	66	5.604G	67	5.419G	68	5.657G
69	5.566G	70	5.688G	71	5.680G	72	5.463G
73	5.632G	74	5.512G	75	5.349G	76	5.511G
77	5.579G	78	5.643G	79	5.326G	80	5.327G
81	5.356G	82	5.603G	83	5.371G	84	5.292G
85	5.521G	86	5.453G	87	5.413G	88	5.543G
89	5.508G	90	5.720G	91	5.664G	92	5.446G
93	5.407G	94	5.283G	95	5.501G	96	5.633G
97	5.542G	98	5.437G	99	5.650G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.373G	2	5.295G	3	5.699G	4	5.353G
5	5.660G	6	5.511G	7	5.720G	8	5.405G
9	5.389G	10	5.515G	11	5.343G	12	5.669G
13	5.539G	14	5.540G	15	5.414G	16	5.436G
17	5.523G	18	5.671G	19	5.589G	20	5.357G
21	5.708G	22	5.563G	23	5.459G	24	5.494G
25	5.313G	26	5.416G	27	5.469G	28	5.662G
29	5.428G	30	5.564G	31	5.324G	32	5.393G
33	5.548G	34	5.257G	35	5.705G	36	5.379G
37	5.658G	38	5.319G	39	5.567G	40	5.267G
41	5.418G	42	5.618G	43	5.261G	44	5.710G
45	5.722G	46	5.513G	47	5.441G	48	5.274G
49	5.371G	50	5.549G	51	5.503G	52	5.338G
53	5.605G	54	5.264G	55	5.296G	56	5.703G
57	5.683G	58	5.617G	59	5.495G	60	5.291G
61	5.592G	62	5.531G	63	5.369G	64	5.632G
65	5.614G	66	5.601G	67	5.622G	68	5.681G
69	5.714G	70	5.483G	71	5.638G	72	5.334G
73	5.516G	74	5.337G	75	5.504G	76	5.642G
77	5.302G	78	5.702G	79	5.497G	80	5.527G
81	5.424G	82	5.466G	83	5.610G	84	5.462G
85	5.463G	86	5.269G	87	5.651G	88	5.555G
89	5.634G	90	5.307G	91	5.294G	92	5.512G
93	5.263G	94	5.521G	95	5.680G	96	5.485G
97	5.252G	98	5.392G	99	5.491G	100	5.331G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.668G	3	5.557G	4	5.512G
5	5.391G	6	5.569G	7	5.495G	8	5.322G
9	5.647G	10	5.368G	11	5.589G	12	5.328G
13	5.574G	14	5.515G	15	5.709G	16	5.680G
17	5.413G	18	5.299G	19	5.545G	20	5.713G
21	5.596G	22	5.667G	23	5.477G	24	5.449G
25	5.506G	26	5.547G	27	5.699G	28	5.665G
29	5.530G	30	5.434G	31	5.266G	32	5.261G
33	5.720G	34	5.536G	35	5.702G	36	5.396G
37	5.602G	38	5.628G	39	5.537G	40	5.259G
41	5.326G	42	5.597G	43	5.575G	44	5.408G
45	5.364G	46	5.687G	47	5.604G	48	5.689G
49	5.325G	50	5.532G	51	5.707G	52	5.381G
53	5.594G	54	5.614G	55	5.611G	56	5.499G
57	5.642G	58	5.608G	59	5.469G	60	5.369G
61	5.497G	62	5.289G	63	5.285G	64	5.670G
65	5.590G	66	5.582G	67	5.635G	68	5.444G
69	5.618G	70	5.510G	71	5.300G	72	5.716G
73	5.558G	74	5.287G	75	5.264G	76	5.334G
77	5.394G	78	5.701G	79	5.456G	80	5.476G
81	5.330G	82	5.674G	83	5.678G	84	5.572G
85	5.395G	86	5.448G	87	5.566G	88	5.577G
89	5.615G	90	5.314G	91	5.256G	92	5.331G
93	5.487G	94	5.692G	95	5.563G	96	5.389G
97	5.551G	98	5.418G	99	5.554G	100	5.559G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.348G	2	5.495G	3	5.551G	4	5.441G
5	5.329G	6	5.548G	7	5.402G	8	5.557G
9	5.339G	10	5.432G	11	5.343G	12	5.273G
13	5.461G	14	5.628G	15	5.507G	16	5.429G
17	5.419G	18	5.673G	19	5.718G	20	5.664G
21	5.579G	22	5.336G	23	5.545G	24	5.701G
25	5.689G	26	5.396G	27	5.300G	28	5.682G
29	5.272G	30	5.320G	31	5.350G	32	5.269G
33	5.256G	34	5.332G	35	5.366G	36	5.265G
37	5.535G	38	5.340G	39	5.509G	40	5.512G
41	5.251G	42	5.470G	43	5.696G	44	5.279G
45	5.590G	46	5.464G	47	5.643G	48	5.481G
49	5.479G	50	5.693G	51	5.705G	52	5.550G
53	5.622G	54	5.506G	55	5.264G	56	5.717G
57	5.627G	58	5.633G	59	5.625G	60	5.630G
61	5.574G	62	5.407G	63	5.291G	64	5.302G
65	5.681G	66	5.504G	67	5.342G	68	5.719G
69	5.347G	70	5.268G	71	5.599G	72	5.378G
73	5.259G	74	5.252G	75	5.403G	76	5.499G
77	5.361G	78	5.331G	79	5.566G	80	5.636G
81	5.518G	82	5.327G	83	5.394G	84	5.533G
85	5.692G	86	5.427G	87	5.561G	88	5.412G
89	5.714G	90	5.292G	91	5.684G	92	5.290G
93	5.450G	94	5.326G	95	5.667G	96	5.720G
97	5.591G	98	5.559G	99	5.278G	100	5.516G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.600G	3	5.383G	4	5.449G
5	5.720G	6	5.527G	7	5.509G	8	5.252G
9	5.317G	10	5.363G	11	5.426G	12	5.357G
13	5.455G	14	5.722G	15	5.689G	16	5.580G
17	5.393G	18	5.614G	19	5.452G	20	5.446G
21	5.408G	22	5.500G	23	5.444G	24	5.259G
25	5.465G	26	5.714G	27	5.574G	28	5.585G
29	5.440G	30	5.652G	31	5.457G	32	5.643G
33	5.463G	34	5.645G	35	5.314G	36	5.267G
37	5.704G	38	5.548G	39	5.484G	40	5.372G
41	5.622G	42	5.305G	43	5.510G	44	5.270G
45	5.431G	46	5.377G	47	5.396G	48	5.330G
49	5.335G	50	5.324G	51	5.416G	52	5.587G
53	5.586G	54	5.340G	55	5.521G	56	5.262G
57	5.401G	58	5.666G	59	5.626G	60	5.607G
61	5.649G	62	5.260G	63	5.354G	64	5.384G
65	5.542G	66	5.394G	67	5.700G	68	5.632G
69	5.292G	70	5.661G	71	5.326G	72	5.435G
73	5.534G	74	5.492G	75	5.253G	76	5.373G
77	5.428G	78	5.594G	79	5.427G	80	5.503G
81	5.412G	82	5.697G	83	5.698G	84	5.664G
85	5.406G	86	5.343G	87	5.436G	88	5.488G
89	5.504G	90	5.288G	91	5.501G	92	5.439G
93	5.303G	94	5.681G	95	5.418G	96	5.296G
97	5.665G	98	5.657G	99	5.680G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.400G	2	5.626G	3	5.306G	4	5.287G
5	5.530G	6	5.665G	7	5.659G	8	5.312G
9	5.678G	10	5.507G	11	5.416G	12	5.356G
13	5.454G	14	5.253G	15	5.714G	16	5.675G
17	5.606G	18	5.427G	19	5.472G	20	5.473G
21	5.503G	22	5.679G	23	5.413G	24	5.319G
25	5.568G	26	5.295G	27	5.718G	28	5.349G
29	5.692G	30	5.705G	31	5.385G	32	5.282G
33	5.494G	34	5.251G	35	5.471G	36	5.338G
37	5.555G	38	5.318G	39	5.252G	40	5.500G
41	5.529G	42	5.465G	43	5.617G	44	5.644G
45	5.635G	46	5.715G	47	5.583G	48	5.516G
49	5.723G	50	5.593G	51	5.477G	52	5.284G
53	5.663G	54	5.577G	55	5.564G	56	5.676G
57	5.680G	58	5.329G	59	5.410G	60	5.430G
61	5.592G	62	5.596G	63	5.357G	64	5.272G
65	5.511G	66	5.532G	67	5.451G	68	5.677G
69	5.372G	70	5.258G	71	5.646G	72	5.474G
73	5.649G	74	5.594G	75	5.688G	76	5.368G
77	5.324G	78	5.443G	79	5.346G	80	5.432G
81	5.297G	82	5.558G	83	5.634G	84	5.283G
85	5.505G	86	5.642G	87	5.263G	88	5.521G
89	5.420G	90	5.535G	91	5.482G	92	5.553G
93	5.575G	94	5.414G	95	5.561G	96	5.255G
97	5.296G	98	5.464G	99	5.279G	100	5.674G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.652G	2	5.324G	3	5.696G	4	5.573G
5	5.416G	6	5.398G	7	5.642G	8	5.414G
9	5.576G	10	5.419G	11	5.325G	12	5.519G
13	5.463G	14	5.257G	15	5.561G	16	5.407G
17	5.338G	18	5.689G	19	5.499G	20	5.381G
21	5.538G	22	5.659G	23	5.620G	24	5.272G
25	5.401G	26	5.360G	27	5.433G	28	5.560G
29	5.719G	30	5.559G	31	5.724G	32	5.258G
33	5.418G	34	5.549G	35	5.394G	36	5.699G
37	5.365G	38	5.295G	39	5.626G	40	5.250G
41	5.720G	42	5.653G	43	5.526G	44	5.335G
45	5.405G	46	5.475G	47	5.692G	48	5.688G
49	5.654G	50	5.299G	51	5.302G	52	5.347G
53	5.467G	54	5.308G	55	5.646G	56	5.542G
57	5.671G	58	5.715G	59	5.329G	60	5.522G
61	5.716G	62	5.694G	63	5.421G	64	5.321G
65	5.523G	66	5.411G	67	5.382G	68	5.581G
69	5.449G	70	5.690G	71	5.317G	72	5.340G
73	5.611G	74	5.310G	75	5.681G	76	5.440G
77	5.368G	78	5.336G	79	5.425G	80	5.427G
81	5.703G	82	5.280G	83	5.524G	84	5.637G
85	5.312G	86	5.603G	87	5.558G	88	5.582G
89	5.356G	90	5.648G	91	5.593G	92	5.261G
93	5.661G	94	5.628G	95	5.309G	96	5.704G
97	5.371G	98	5.307G	99	5.473G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.632G	2	5.473G	3	5.648G	4	5.502G
5	5.589G	6	5.559G	7	5.506G	8	5.272G
9	5.599G	10	5.288G	11	5.647G	12	5.475G
13	5.262G	14	5.569G	15	5.411G	16	5.397G
17	5.546G	18	5.299G	19	5.425G	20	5.503G
21	5.383G	22	5.271G	23	5.704G	24	5.401G
25	5.325G	26	5.474G	27	5.282G	28	5.495G
29	5.595G	30	5.427G	31	5.437G	32	5.514G
33	5.426G	34	5.469G	35	5.484G	36	5.681G
37	5.408G	38	5.343G	39	5.553G	40	5.372G
41	5.498G	42	5.368G	43	5.665G	44	5.340G
45	5.314G	46	5.359G	47	5.531G	48	5.466G
49	5.564G	50	5.472G	51	5.365G	52	5.396G
53	5.703G	54	5.400G	55	5.707G	56	5.525G
57	5.567G	58	5.366G	59	5.250G	60	5.636G
61	5.393G	62	5.623G	63	5.274G	64	5.443G
65	5.649G	66	5.508G	67	5.547G	68	5.620G
69	5.390G	70	5.295G	71	5.261G	72	5.521G
73	5.285G	74	5.296G	75	5.395G	76	5.663G
77	5.465G	78	5.717G	79	5.698G	80	5.572G
81	5.384G	82	5.671G	83	5.530G	84	5.507G
85	5.660G	86	5.605G	87	5.646G	88	5.593G
89	5.451G	90	5.449G	91	5.442G	92	5.692G
93	5.529G	94	5.597G	95	5.423G	96	5.330G
97	5.511G	98	5.305G	99	5.653G	100	5.404G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.503G	2	5.709G	3	5.511G	4	5.650G
5	5.608G	6	5.458G	7	5.428G	8	5.473G
9	5.344G	10	5.472G	11	5.347G	12	5.348G
13	5.463G	14	5.475G	15	5.402G	16	5.651G
17	5.522G	18	5.565G	19	5.474G	20	5.601G
21	5.579G	22	5.591G	23	5.373G	24	5.509G
25	5.258G	26	5.505G	27	5.383G	28	5.680G
29	5.479G	30	5.257G	31	5.656G	32	5.461G
33	5.564G	34	5.655G	35	5.538G	36	5.340G
37	5.445G	38	5.518G	39	5.409G	40	5.325G
41	5.296G	42	5.502G	43	5.701G	44	5.585G
45	5.336G	46	5.330G	47	5.665G	48	5.696G
49	5.400G	50	5.486G	51	5.352G	52	5.302G
53	5.284G	54	5.491G	55	5.397G	56	5.595G
57	5.271G	58	5.254G	59	5.412G	60	5.690G
61	5.339G	62	5.584G	63	5.457G	64	5.493G
65	5.334G	66	5.365G	67	5.322G	68	5.639G
69	5.634G	70	5.484G	71	5.563G	72	5.266G
73	5.557G	74	5.395G	75	5.357G	76	5.698G
77	5.411G	78	5.558G	79	5.668G	80	5.575G
81	5.256G	82	5.560G	83	5.529G	84	5.534G
85	5.311G	86	5.551G	87	5.706G	88	5.419G
89	5.327G	90	5.317G	91	5.636G	92	5.324G
93	5.321G	94	5.368G	95	5.550G	96	5.415G
97	5.359G	98	5.492G	99	5.297G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.354G	2	5.429G	3	5.659G	4	5.478G
5	5.363G	6	5.654G	7	5.506G	8	5.685G
9	5.606G	10	5.419G	11	5.722G	12	5.256G
13	5.286G	14	5.703G	15	5.353G	16	5.533G
17	5.692G	18	5.675G	19	5.303G	20	5.536G
21	5.574G	22	5.619G	23	5.702G	24	5.487G
25	5.677G	26	5.547G	27	5.326G	28	5.635G
29	5.414G	30	5.358G	31	5.714G	32	5.339G
33	5.671G	34	5.284G	35	5.441G	36	5.641G
37	5.528G	38	5.616G	39	5.412G	40	5.476G
41	5.625G	42	5.359G	43	5.718G	44	5.458G
45	5.626G	46	5.642G	47	5.321G	48	5.521G
49	5.329G	50	5.509G	51	5.576G	52	5.649G
53	5.683G	54	5.597G	55	5.634G	56	5.569G
57	5.678G	58	5.406G	59	5.567G	60	5.700G
61	5.254G	62	5.428G	63	5.622G	64	5.706G
65	5.516G	66	5.655G	67	5.493G	68	5.322G
69	5.460G	70	5.586G	71	5.561G	72	5.674G
73	5.443G	74	5.681G	75	5.710G	76	5.426G
77	5.587G	78	5.615G	79	5.459G	80	5.564G
81	5.620G	82	5.537G	83	5.708G	84	5.511G
85	5.366G	86	5.268G	87	5.440G	88	5.402G
89	5.385G	90	5.505G	91	5.391G	92	5.318G
93	5.423G	94	5.453G	95	5.656G	96	5.266G
97	5.568G	98	5.600G	99	5.316G	100	5.417G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.556G	2	5.476G	3	5.290G	4	5.624G
5	5.694G	6	5.663G	7	5.266G	8	5.257G
9	5.398G	10	5.697G	11	5.385G	12	5.390G
13	5.599G	14	5.699G	15	5.615G	16	5.528G
17	5.519G	18	5.261G	19	5.336G	20	5.611G
21	5.314G	22	5.541G	23	5.638G	24	5.381G
25	5.710G	26	5.373G	27	5.690G	28	5.466G
29	5.633G	30	5.595G	31	5.514G	32	5.723G
33	5.721G	34	5.632G	35	5.366G	36	5.264G
37	5.614G	38	5.664G	39	5.359G	40	5.325G
41	5.630G	42	5.444G	43	5.467G	44	5.445G
45	5.700G	46	5.539G	47	5.431G	48	5.584G
49	5.446G	50	5.567G	51	5.470G	52	5.657G
53	5.683G	54	5.701G	55	5.258G	56	5.558G
57	5.413G	58	5.722G	59	5.307G	60	5.425G
61	5.423G	62	5.440G	63	5.576G	64	5.518G
65	5.391G	66	5.374G	67	5.702G	68	5.450G
69	5.459G	70	5.502G	71	5.598G	72	5.669G
73	5.345G	74	5.371G	75	5.441G	76	5.592G
77	5.692G	78	5.658G	79	5.323G	80	5.533G
81	5.631G	82	5.304G	83	5.651G	84	5.707G
85	5.597G	86	5.588G	87	5.367G	88	5.277G
89	5.298G	90	5.647G	91	5.288G	92	5.521G
93	5.365G	94	5.493G	95	5.492G	96	5.392G
97	5.648G	98	5.285G	99	5.361G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.647G	2	5.680G	3	5.432G	4	5.417G
5	5.553G	6	5.288G	7	5.577G	8	5.409G
9	5.356G	10	5.320G	11	5.722G	12	5.540G
13	5.415G	14	5.579G	15	5.319G	16	5.588G
17	5.446G	18	5.469G	19	5.424G	20	5.382G
21	5.595G	22	5.392G	23	5.659G	24	5.293G
25	5.702G	26	5.686G	27	5.389G	28	5.422G
29	5.694G	30	5.703G	31	5.276G	32	5.681G
33	5.375G	34	5.492G	35	5.301G	36	5.338G
37	5.620G	38	5.494G	39	5.394G	40	5.261G
41	5.629G	42	5.498G	43	5.452G	44	5.624G
45	5.384G	46	5.296G	47	5.270G	48	5.639G
49	5.519G	50	5.633G	51	5.637G	52	5.529G
53	5.379G	54	5.348G	55	5.410G	56	5.447G
57	5.552G	58	5.442G	59	5.279G	60	5.678G
61	5.590G	62	5.269G	63	5.386G	64	5.273G
65	5.264G	66	5.675G	67	5.354G	68	5.485G
69	5.508G	70	5.481G	71	5.714G	72	5.482G
73	5.468G	74	5.426G	75	5.462G	76	5.650G
77	5.520G	78	5.349G	79	5.518G	80	5.691G
81	5.257G	82	5.592G	83	5.710G	84	5.478G
85	5.677G	86	5.284G	87	5.630G	88	5.479G
89	5.413G	90	5.330G	91	5.688G	92	5.644G
93	5.532G	94	5.267G	95	5.715G	96	5.458G
97	5.326G	98	5.515G	99	5.695G	100	5.660G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.519G	3	5.350G	4	5.405G
5	5.518G	6	5.668G	7	5.685G	8	5.536G
9	5.260G	10	5.583G	11	5.647G	12	5.411G
13	5.368G	14	5.662G	15	5.547G	16	5.501G
17	5.465G	18	5.300G	19	5.582G	20	5.654G
21	5.349G	22	5.642G	23	5.658G	24	5.573G
25	5.374G	26	5.692G	27	5.291G	28	5.253G
29	5.545G	30	5.301G	31	5.589G	32	5.564G
33	5.671G	34	5.467G	35	5.603G	36	5.513G
37	5.457G	38	5.678G	39	5.722G	40	5.446G
41	5.608G	42	5.591G	43	5.379G	44	5.304G
45	5.345G	46	5.645G	47	5.302G	48	5.322G
49	5.470G	50	5.546G	51	5.584G	52	5.527G
53	5.371G	54	5.706G	55	5.528G	56	5.351G
57	5.454G	58	5.515G	59	5.282G	60	5.576G
61	5.499G	62	5.265G	63	5.622G	64	5.574G
65	5.660G	66	5.280G	67	5.278G	68	5.588G
69	5.458G	70	5.630G	71	5.565G	72	5.492G
73	5.428G	74	5.649G	75	5.436G	76	5.471G
77	5.713G	78	5.284G	79	5.508G	80	5.616G
81	5.637G	82	5.258G	83	5.429G	84	5.420G
85	5.317G	86	5.697G	87	5.700G	88	5.387G
89	5.611G	90	5.261G	91	5.298G	92	5.714G
93	5.639G	94	5.466G	95	5.693G	96	5.288G
97	5.464G	98	5.307G	99	5.595G	100	5.367G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.565G	2	5.424G	3	5.572G	4	5.371G
5	5.322G	6	5.471G	7	5.667G	8	5.407G
9	5.677G	10	5.526G	11	5.634G	12	5.534G
13	5.507G	14	5.578G	15	5.643G	16	5.531G
17	5.655G	18	5.299G	19	5.354G	20	5.496G
21	5.263G	22	5.390G	23	5.527G	24	5.567G
25	5.697G	26	5.463G	27	5.614G	28	5.366G
29	5.358G	30	5.556G	31	5.636G	32	5.664G
33	5.562G	34	5.538G	35	5.361G	36	5.355G
37	5.285G	38	5.533G	39	5.516G	40	5.716G
41	5.250G	42	5.303G	43	5.612G	44	5.289G
45	5.569G	46	5.649G	47	5.543G	48	5.675G
49	5.266G	50	5.256G	51	5.274G	52	5.428G
53	5.696G	54	5.284G	55	5.367G	56	5.449G
57	5.653G	58	5.251G	59	5.690G	60	5.522G
61	5.312G	62	5.386G	63	5.710G	64	5.669G
65	5.608G	66	5.479G	67	5.553G	68	5.588G
69	5.657G	70	5.539G	71	5.253G	72	5.678G
73	5.329G	74	5.558G	75	5.418G	76	5.400G
77	5.372G	78	5.300G	79	5.482G	80	5.624G
81	5.640G	82	5.347G	83	5.594G	84	5.674G
85	5.374G	86	5.360G	87	5.395G	88	5.609G
89	5.484G	90	5.623G	91	5.577G	92	5.676G
93	5.389G	94	5.705G	95	5.523G	96	5.540G
97	5.481G	98	5.343G	99	5.451G	100	5.356G

IEEE 802.11ac 40MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	102	1.0u	518.0u	Yes
2	99	1.0u	538.0u	Yes
3	95	1.0u	558.0u	Yes
4	92	1.0u	578.0u	Yes
5	89	1.0u	598.0u	Yes
6	86	1.0u	618.0u	Yes
7	83	1.0u	638.0u	Yes
8	81	1.0u	658.0u	Yes
9	78	1.0u	678.0u	Yes
10	76	1.0u	698.0u	Yes
11	74	1.0u	718.0u	Yes
12	72	1.0u	738.0u	No
13	70	1.0u	758.0u	Yes
14	68	1.0u	778.0u	Yes
15	67	1.0u	798.0u	Yes
16	98	1.0u	539.0u	Yes
17	58	1.0u	899.0u	Yes
18	80	1.0u	661.0u	Yes
19	85	1.0u	623.0u	Yes
20	94	1.0u	565.0u	Yes
21	63	1.0u	845.0u	Yes
22	87	1.0u	607.0u	Yes
23	57	1.0u	927.0u	Yes
24	64	1.0u	829.0u	Yes
25	90	1.0u	591.0u	Yes
26	56	1.0u	953.0u	Yes
27	90	1.0u	593.0u	Yes
28	81	1.0u	655.0u	Yes
29	89	1.0u	597.0u	Yes
30	74	1.0u	717.0u	Yes
				Detection Rate: 96.7 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	4.6u	200.0u	Yes
2	27	2.8u	200.0u	Yes
3	27	1.7u	161.0u	Yes
4	28	2.6u	220.0u	Yes
5	27	2.6u	218.0u	Yes
6	27	1.7u	172.0u	Yes
7	26	1.6u	191.0u	Yes
8	25	3.7u	158.0u	Yes
9	28	1.5u	228.0u	Yes
10	26	4.9u	198.0u	Yes
11	28	1.3u	205.0u	Yes
12	29	2.6u	155.0u	Yes
13	28	4.9u	224.0u	Yes
14	24	2.9u	169.0u	Yes
15	28	4.1u	183.0u	Yes
16	27	1.7u	192.0u	Yes
17	24	2.6u	191.0u	Yes
18	27	4.6u	173.0u	Yes
19	28	3.4u	187.0u	Yes
20	27	4.3u	214.0u	Yes
21	29	1.2u	179.0u	Yes
22	25	1.1u	154.0u	Yes
23	25	4.1u	159.0u	Yes
24	28	2.9u	158.0u	Yes
25	25	2.8u	215.0u	Yes
26	27	4.0u	196.0u	Yes
27	27	4.5u	215.0u	Yes
28	27	2.9u	180.0u	Yes
29	27	1.5u	177.0u	Yes
30	28	1.6u	186.0u	Yes
				Detection Rate: 100 %

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.6u	218.0u	Yes
2	18	8.4u	494.0u	Yes
3	17	8.7u	375.0u	Yes
4	18	7.0u	379.0u	Yes
5	17	8.9u	401.0u	Yes
6	17	8.3u	348.0u	Yes
7	16	6.2u	454.0u	Yes
8	18	9.2u	299.0u	Yes
9	16	9.6u	347.0u	Yes
10	16	7.0u	293.0u	Yes
11	17	9.7u	434.0u	Yes
12	16	9.5u	405.0u	Yes
13	17	9.0u	459.0u	Yes
14	18	6.2u	349.0u	Yes
15	17	7.9u	225.0u	Yes
16	18	8.0u	384.0u	Yes
17	17	6.5u	220.0u	Yes
18	16	8.4u	225.0u	Yes
19	17	6.1u	210.0u	Yes
20	16	6.0u	260.0u	Yes
21	18	9.1u	470.0u	Yes
22	16	7.1u	474.0u	Yes
23	18	9.1u	433.0u	Yes
24	18	9.1u	296.0u	Yes
25	16	8.5u	368.0u	Yes
26	16	6.4u	315.0u	Yes
27	17	6.9u	204.0u	Yes
28	18	6.8u	309.0u	Yes
29	17	9.2u	351.0u	Yes
30	17	9.0u	201.0u	Yes
				Detection Rate: 100 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	14.3u	312.0u	Yes
2	13	18.3u	368.0u	Yes
3	13	18.4u	392.0u	Yes
4	16	14.9u	457.0u	Yes
5	13	15.9u	337.0u	Yes
6	14	13.7u	413.0u	Yes
7	13	13.6u	263.0u	No
8	14	11.2u	484.0u	Yes
9	12	11.6u	341.0u	Yes
10	14	18.2u	448.0u	Yes
11	14	14.2u	423.0u	Yes
12	14	12.4u	470.0u	Yes
13	13	18.0u	336.0u	Yes
14	15	17.8u	213.0u	Yes
15	14	11.8u	297.0u	No
16	15	16.6u	436.0u	Yes
17	15	16.8u	298.0u	Yes
18	13	14.9u	459.0u	Yes
19	14	19.5u	286.0u	Yes
20	16	18.4u	462.0u	Yes
21	15	19.0u	314.0u	Yes
22	15	16.2u	284.0u	Yes
23	13	16.9u	396.0u	Yes
24	15	14.9u	202.0u	Yes
25	14	17.8u	492.0u	Yes
26	12	14.2u	451.0u	No
27	12	18.2u	350.0u	Yes
28	15	14.7u	204.0u	Yes
29	12	16.6u	418.0u	Yes
30	13	14.1u	218.0u	Yes
Detection Rate: 90.0 %				

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	No
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	No
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 93.3 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.1u	1.706m	-	633.4m
2	2	19M	86.6u	1.265m	-	29.01m
3	2	19M	83.7u	1.208m	-	173.0m
4	2	16M	73.4u	1.102m	-	727.5m
5	3	10M	69.8u	1.589m	1.187m	272.9m
6	3	18M	78.9u	1.778m	923.1u	491.3m
7	1	12M	50.7u	-	-	179.1m
8	3	15M	75.2u	1.329m	1.086m	546.7m
9	2	15M	67.1u	1.104m	-	439.4m
10	2	5M	83.8u	1.674m	-	329.1m
11	2	17M	81.3u	1.875m	-	522.5m
12	2	15M	76.3u	1.289m	-	615.4m
13	1	19M	63.2u	-	-	449.1m
14	2	20M	69.7u	1.822m	-	536.3m
15	2	18M	66.5u	1.262m	-	72.80m
16	1	18M	67.4u	-	-	561.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
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	7M	73.1u	1.383m	-	495.3m
2	2	16M	96.5u	1.663m	-	441.1m
3	2	18M	54.4u	1.709m	-	417.2m
4	2	12M	88.0u	1.229m	-	481.5m
5	2	15M	70.0u	1.416m	-	595.1m
6	2	13M	81.9u	1.453m	-	408.8m
7	2	14M	98.3u	1.230m	-	59.31m
8	1	13M	74.9u	-	-	561.2m
9	2	7M	89.2u	1.110m	-	346.0m
10	1	6M	74.0u	-	-	307.3m
11	3	11M	52.8u	1.096m	1.240m	493.6m
12	3	19M	67.3u	1.285m	1.492m	415.9m
13	1	20M	61.2u	-	-	152.9m
14	1	10M	50.3u	-	-	135.2m
15	2	16M	90.0u	1.862m	-	38.81m
16	3	10M	60.1u	1.690m	1.236m	312.1m
17	2	19M	68.5u	1.740m	-	302.8m
18	2	10M	52.4u	1.853m	-	399.8m
19	2	9M	54.4u	1.379m	-	419.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	77.4u	1.614m	1.917m	342.6m
2	2	6M	72.3u	1.664m	-	753.6m
3	1	20M	63.2u	-	-	145.3m
4	2	6M	70.7u	1.412m	-	35.96m
5	2	17M	62.8u	1.509m	-	132.7m
6	2	9M	81.6u	1.701m	-	375.0m
7	1	5M	56.4u	-	-	118.5m
8	2	6M	71.6u	1.447m	-	70.15m
9	1	16M	51.1u	-	-	330.9m
10	2	15M	93.4u	1.644m	-	521.0m
11	2	12M	64.4u	1.329m	-	335.3m
12	2	17M	59.6u	946.4u	-	562.3m
13	2	6M	80.1u	1.003m	-	289.9m
14	2	18M	82.5u	1.201m	-	639.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
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	7M	56.4u	-	-	558.3m
2	2	16M	99.6u	1.771m	-	296.2m
3	1	17M	71.0u	-	-	232.3m
4	2	10M	77.9u	935.1u	-	278.7m
5	2	8M	64.0u	1.132m	-	518.5m
6	2	11M	72.6u	1.479m	-	68.28m
7	3	12M	97.6u	1.294m	1.022m	522.7m
8	3	16M	52.8u	1.198m	1.493m	308.5m
9	2	12M	61.6u	1.570m	-	391.7m
10	2	13M	99.1u	1.058m	-	267.0m
11	1	7M	78.0u	-	-	156.1m
12	2	15M	64.7u	1.836m	-	516.6m
13	2	17M	97.1u	1.666m	-	32.94m
14	3	17M	71.2u	969.8u	1.406m	441.2m
15	3	19M	77.2u	1.527m	1.198m	347.3m
16	2	14M	74.9u	1.150m	-	353.8m
17	2	18M	66.3u	1.724m	-	530.9m
18	2	14M	51.8u	1.374m	-	102.1m
19	2	16M	97.0u	1.734m	-	362.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
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	15M	80.9u	1.555m	-	736.6m
2	1	8M	86.8u	-	-	887.7m
3	3	19M	51.5u	998.5u	1.798m	1.164
4	1	10M	76.9u	-	-	1.048
5	2	12M	77.8u	1.196m	-	1.134
6	2	17M	99.2u	1.489m	-	614.5m
7	2	14M	51.4u	1.147m	-	444.6m
8	2	14M	76.6u	1.055m	-	222.7m
9	2	7M	64.5u	1.913m	-	1.034
10	2	14M	64.4u	1.427m	-	657.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	70.3u	1.340m	-	605.8m
2	1	12M	72.2u	-	-	594.0m
3	1	14M	97.1u	-	-	27.52m
4	2	18M	55.1u	1.732m	-	660.8m
5	3	10M	82.4u	1.830m	1.733m	74.47m
6	2	18M	59.9u	1.904m	-	451.4m
7	1	8M	76.6u	-	-	514.5m
8	1	13M	83.8u	-	-	417.3m
9	3	19M	81.3u	1.117m	1.440m	93.51m
10	2	12M	89.4u	1.207m	-	624.1m
11	2	17M	86.3u	1.548m	-	135.7m
12	2	19M	56.6u	1.463m	-	294.2m
13	3	18M	96.6u	1.813m	1.866m	500.8m
14	2	11M	67.4u	1.366m	-	325.1m
15	1	17M	94.7u	-	-	659.6m
16	2	12M	68.8u	996.2u	-	44.71m
17	2	12M	51.9u	1.069m	-	141.4m
18	3	6M	78.3u	1.398m	1.523m	327.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	94.0u	-	-	1.172
2	2	12M	61.4u	1.813m	-	239.4m
3	1	18M	81.0u	-	-	566.3m
4	2	17M	92.8u	1.025m	-	88.48m
5	2	17M	66.6u	1.718m	-	934.9m
6	2	8M	72.1u	1.323m	-	1.063
7	3	10M	63.0u	1.441m	1.857m	559.8m
8	2	11M	63.2u	1.520m	-	192.7m
9	2	10M	96.6u	1.211m	-	297.7m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	52.8u	1.473m	-	198.0m
2	1	10M	98.4u	-	-	854.6m
3	2	17M	81.3u	1.082m	-	655.3m
4	1	6M	99.6u	-	-	97.58m
5	2	9M	91.9u	1.046m	-	316.8m
6	2	11M	67.5u	1.840m	-	720.6m
7	1	5M	50.5u	-	-	210.9m
8	2	17M	86.4u	1.249m	-	647.7m
9	1	10M	72.5u	-	-	262.8m
10	3	10M	88.6u	1.012m	925.4u	498.2m
11	1	17M	70.1u	-	-	58.53m
12	3	13M	65.6u	1.035m	1.460m	792.3m
13	1	13M	70.2u	-	-	772.9m
14	1	6M	62.0u	-	-	225.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	60.0u	1.932m	1.188m	976.2m
2	3	10M	80.0u	1.884m	1.117m	681.4m
3	2	16M	56.3u	1.719m	-	427.8m
4	1	6M	88.3u	-	-	981.4m
5	1	20M	62.5u	-	-	115.8m
6	2	5M	95.9u	1.768m	-	52.65m
7	3	11M	68.9u	1.512m	1.881m	301.1m
8	2	12M	89.4u	1.297m	-	581.7m
9	3	6M	67.0u	1.532m	1.167m	527.1m
10	1	6M	95.6u	-	-	952.8m
11	2	15M	58.4u	1.332m	-	516.9m
12	3	19M	95.3u	1.837m	1.896m	65.45m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	77.0u	-	-	467.6m
2	1	18M	80.3u	-	-	818.5m
3	2	18M	51.6u	1.877m	-	65.48m
4	2	14M	94.3u	1.291m	-	461.3m
5	2	7M	58.3u	1.861m	-	331.1m
6	3	19M	93.6u	1.753m	1.339m	810.2m
7	3	9M	82.5u	1.766m	1.801m	665.6m
8	1	13M	64.7u	-	-	504.6m
9	2	17M	98.6u	1.589m	-	1.056
10	1	17M	94.5u	-	-	435.0m
11	2	13M	91.7u	915.3u	-	502.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
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	11M	66.5u	1.356m	-	53.39m
2	2	18M	67.9u	1.160m	-	521.1m
3	2	9M	73.8u	1.665m	-	615.9m
4	3	12M	93.4u	1.720m	1.445m	449.1m
5	3	10M	96.8u	1.448m	921.2u	450.6m
6	2	17M	81.1u	1.436m	-	453.1m
7	2	11M	55.5u	1.785m	-	491.6m
8	2	19M	94.7u	1.598m	-	115.7m
9	1	11M	95.1u	-	-	537.9m
10	2	15M	73.0u	1.916m	-	285.3m
11	3	9M	90.6u	1.095m	917.4u	202.3m
12	1	15M	91.0u	-	-	350.9m
13	2	7M	80.2u	1.527m	-	225.8m
14	3	11M	70.3u	963.7u	1.586m	676.1m
15	3	17M	96.3u	1.659m	936.7u	15.38m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_12
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	9M	54.4u	1.430m	-	664.4m
2	1	11M	70.3u	-	-	93.36m
3	2	15M	53.8u	1.549m	-	705.9m
4	1	19M	89.1u	-	-	737.9m
5	1	19M	78.1u	-	-	668.8m
6	1	17M	87.7u	-	-	49.92m
7	3	13M	74.5u	1.821m	1.395m	54.93m
8	1	5M	90.2u	-	-	697.7m
9	2	7M	65.2u	1.209m	-	199.5m
10	3	6M	64.3u	1.151m	1.895m	481.0m
11	2	16M	77.9u	1.130m	-	94.08m
12	1	20M	98.9u	-	-	245.6m
13	3	19M	92.4u	1.889m	918.6u	635.1m
14	3	15M	64.9u	1.890m	1.419m	655.7m
15	1	14M	56.3u	-	-	561.1m
16	1	19M	59.0u	-	-	161.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_13
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	73.9u	1.119m	-	101.8m
2	2	15M	91.5u	1.534m	-	424.2m
3	3	19M	87.7u	1.721m	1.307m	525.9m
4	1	6M	94.9u	-	-	60.92m
5	3	20M	78.0u	1.024m	1.129m	421.7m
6	2	7M	88.0u	1.035m	-	62.16m
7	1	9M	56.2u	-	-	598.4m
8	3	18M	73.9u	932.1u	1.374m	44.11m
9	1	10M	97.2u	-	-	48.91m
10	2	6M	78.9u	1.240m	-	313.8m
11	3	7M	96.3u	964.7u	1.355m	255.7m
12	3	13M	68.5u	1.855m	1.277m	170.4m
13	1	15M	76.9u	-	-	208.1m
14	1	6M	57.2u	-	-	554.0m
15	1	7M	56.4u	-	-	516.0m
16	2	9M	81.0u	1.515m	-	480.4m
17	2	10M	63.3u	1.782m	-	407.6m
18	1	13M	93.4u	-	-	80.28m
19	2	13M	52.4u	1.651m	-	377.6m
20	3	10M	92.8u	1.473m	1.254m	117.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	51.2u	1.182m	-	1.084
2	2	16M	77.0u	1.572m	-	821.9m
3	1	8M	96.7u	-	-	323.4m
4	1	19M	94.0u	-	-	332.0m
5	2	7M	98.5u	1.762m	-	380.0m
6	2	17M	65.5u	1.819m	-	613.3m
7	1	13M	52.4u	-	-	639.9m
8	2	9M	63.2u	1.569m	-	384.5m
9	1	7M	51.1u	-	-	635.9m
10	2	6M	78.1u	1.197m	-	188.3m
11	2	9M	84.8u	1.366m	-	466.0m

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	1	8M	90.7u	-	-	315.2m
2	1	11M	93.9u	-	-	298.6m
3	3	12M	68.3u	1.217m	1.343m	173.0m
4	2	12M	51.7u	1.331m	-	408.7m
5	3	10M	67.0u	1.843m	1.753m	679.7m
6	2	17M	94.5u	909.5u	-	871.4m
7	3	19M	86.0u	1.694m	1.153m	1.162
8	3	17M	66.1u	1.309m	1.610m	969.2m
9	1	12M	90.0u	-	-	869.6m
10	2	5M	58.5u	1.328m	-	198.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_16
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	64.8u	1.598m	-	343.1m
2	2	8M	51.8u	1.502m	-	14.63m
3	2	16M	87.7u	1.814m	-	92.68m
4	1	17M	95.2u	-	-	127.0m
5	2	15M	67.1u	1.701m	-	432.5m
6	1	10M	94.1u	-	-	5.004m
7	2	8M	73.3u	1.373m	-	113.1m
8	2	13M	58.0u	1.202m	-	160.7m
9	2	20M	70.0u	1.922m	-	476.2m
10	2	7M	86.1u	1.120m	-	159.4m
11	3	15M	86.6u	1.514m	1.782m	443.5m
12	2	18M	55.6u	1.196m	-	292.3m
13	3	5M	91.2u	1.027m	1.290m	67.44m
14	1	9M	76.1u	-	-	33.23m
15	1	10M	59.0u	-	-	630.8m
16	2	7M	50.1u	1.092m	-	558.5m
17	2	16M	77.0u	1.129m	-	224.0m
18	2	10M	62.1u	1.508m	-	93.29m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_17
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	87.3u	-	-	1.023
2	2	6M	80.3u	1.615m	-	339.3m
3	2	8M	87.4u	1.662m	-	189.9m
4	3	19M	92.0u	1.003m	1.689m	230.4m
5	2	9M	57.4u	1.033m	-	656.2m
6	2	12M	59.8u	1.630m	-	679.6m
7	1	10M	68.2u	-	-	116.1m
8	3	10M	73.9u	1.516m	1.800m	1.042
9	2	17M	67.2u	1.650m	-	1.005
10	2	6M	80.1u	998.9u	-	380.6m
11	2	13M	94.1u	1.716m	-	237.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
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	13M	79.4u	1.841m	-	469.1m
2	2	6M	55.7u	1.813m	-	369.2m
3	2	8M	80.6u	1.405m	-	720.6m
4	2	16M	86.0u	916.0u	-	475.2m
5	2	18M	55.1u	1.291m	-	336.6m
6	2	10M	81.8u	1.835m	-	86.76m
7	1	19M	76.6u	-	-	68.14m
8	3	13M	99.4u	1.062m	1.753m	291.5m
9	2	8M	60.9u	1.647m	-	278.3m
10	2	16M	81.2u	1.487m	-	46.20m
11	3	11M	60.1u	1.690m	1.442m	184.9m
12	3	7M	61.3u	1.604m	1.882m	489.2m
13	3	19M	94.6u	1.000m	1.602m	648.4m
14	2	6M	65.4u	1.304m	-	134.5m
15	1	14M	76.4u	-	-	189.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	96.1u	1.861m	1.786m	194.1m
2	1	8M	55.4u	-	-	56.81m
3	2	6M	94.3u	1.341m	-	504.7m
4	2	13M	68.3u	1.794m	-	50.09m
5	2	6M	56.8u	1.135m	-	468.8m
6	1	6M	84.4u	-	-	174.3m
7	2	6M	72.4u	1.854m	-	629.1m
8	3	7M	90.6u	1.174m	1.392m	325.9m
9	2	12M	66.8u	1.819m	-	394.9m
10	2	12M	91.1u	1.582m	-	451.7m
11	3	13M	91.8u	1.504m	1.649m	263.4m
12	3	14M	54.3u	1.486m	1.430m	470.4m
13	3	20M	50.6u	1.692m	1.295m	562.6m
14	2	17M	77.7u	1.034m	-	630.4m
15	1	8M	99.4u	-	-	470.6m
16	1	18M	50.1u	-	-	687.6m
17	3	11M	62.8u	1.820m	1.145m	369.7m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	89.3u	1.058m	1.831m	421.7m
2	2	10M	83.9u	928.1u	-	217.5m
3	3	11M	76.0u	1.701m	1.612m	446.8m
4	2	12M	90.2u	1.674m	-	596.8m
5	1	16M	51.0u	-	-	325.8m
6	1	9M	52.5u	-	-	417.6m
7	3	12M	95.1u	1.447m	1.745m	569.2m
8	2	10M	71.7u	975.3u	-	596.8m
9	2	15M	66.8u	1.702m	-	162.6m
10	3	17M	91.8u	1.088m	1.289m	676.7m
11	2	18M	74.2u	1.696m	-	359.3m
12	1	12M	67.8u	-	-	383.9m
13	3	16M	87.6u	992.4u	1.706m	72.56m
14	2	17M	50.1u	967.9u	-	543.8m
15	3	14M	81.5u	1.515m	1.880m	352.0m
16	1	9M	76.6u	-	-	136.7m
17	2	14M	69.5u	1.763m	-	632.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	99.7u	920.3u	-	86.60m
2	3	18M	52.9u	1.086m	1.162m	307.8m
3	1	15M	93.4u	-	-	381.4m
4	2	16M	66.6u	1.469m	-	17.24m
5	2	9M	59.8u	1.201m	-	12.65m
6	1	14M	73.5u	-	-	870.5m
7	2	10M	94.2u	1.123m	-	42.55m
8	2	14M	57.7u	1.830m	-	550.3m
9	2	13M	79.2u	1.354m	-	411.7m
10	3	8M	69.0u	997.0u	1.435m	453.9m
11	1	19M	87.7u	-	-	180.4m
12	1	11M	86.6u	-	-	878.0m
13	3	12M	77.8u	1.017m	1.251m	766.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_22
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.9u	1.446m	-	476.0m
2	2	6M	50.3u	1.732m	-	542.2m
3	1	14M	53.0u	-	-	504.5m
4	2	9M	75.4u	1.454m	-	1.035
5	2	14M	60.6u	992.4u	-	731.7m
6	3	18M	64.0u	1.914m	1.691m	801.7m
7	3	13M	75.7u	1.885m	1.608m	737.4m
8	2	20M	78.9u	1.169m	-	62.91m
9	3	17M	81.8u	943.2u	1.342m	1.306

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_23
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	89.1u	966.9u	1.505m	438.7m
2	1	8M	94.3u	-	-	486.4m
3	2	13M	93.0u	1.414m	-	301.7m
4	2	11M	72.0u	1.314m	-	238.4m
5	2	17M	87.8u	1.623m	-	299.6m
6	2	16M	71.7u	1.869m	-	522.5m
7	3	15M	95.9u	1.087m	1.579m	42.20m
8	3	7M	62.8u	1.206m	967.2u	138.4m
9	1	14M	56.9u	-	-	122.8m
10	2	7M	70.5u	1.692m	-	456.8m
11	3	20M	86.0u	1.515m	1.485m	211.4m
12	2	16M	89.5u	1.004m	-	265.8m
13	3	9M	56.5u	1.065m	1.739m	253.8m
14	2	7M	64.5u	979.5u	-	9.909m
15	2	11M	73.3u	1.700m	-	113.6m
16	3	20M	58.2u	1.007m	1.790m	127.1m
17	2	20M	54.2u	1.889m	-	448.0m
18	2	14M	68.8u	1.360m	-	608.1m
19	3	17M	57.0u	1.937m	994.0u	233.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	94.6u	1.268m	-	523.9m
2	1	12M	97.8u	-	-	104.6m
3	1	16M	83.0u	-	-	636.9m
4	2	5M	99.9u	1.829m	-	313.6m
5	2	10M	95.1u	1.023m	-	726.0m
6	2	15M	52.2u	1.097m	-	451.1m
7	2	17M	96.5u	947.5u	-	725.1m
8	3	7M	57.5u	1.839m	1.002m	306.8m
9	2	15M	74.5u	1.355m	-	458.1m
10	1	8M	77.7u	-	-	405.0m
11	2	12M	67.0u	1.875m	-	253.3m
12	3	13M	70.3u	1.828m	1.769m	574.9m
13	3	15M	80.7u	1.376m	1.639m	573.9m
14	3	18M	70.5u	1.868m	1.722m	299.5m
15	2	10M	95.3u	1.555m	-	307.8m
16	2	12M	77.3u	1.381m	-	225.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	95.0u	1.018m	1.019m	229.9m
2	2	6M	86.5u	1.215m	-	348.2m
3	1	6M	78.6u	-	-	519.7m
4	1	17M	87.1u	-	-	468.9m
5	2	6M	50.6u	1.848m	-	19.81m
6	1	18M	93.3u	-	-	470.0m
7	2	8M	67.2u	1.374m	-	186.9m
8	3	18M	61.0u	1.520m	1.595m	173.8m
9	3	20M	63.6u	1.250m	1.784m	550.6m
10	3	9M	51.1u	949.9u	1.486m	180.0m
11	2	11M	56.8u	1.803m	-	324.5m
12	3	19M	77.6u	1.269m	962.4u	395.7m
13	2	7M	89.6u	984.4u	-	593.9m
14	1	6M	66.6u	-	-	159.7m
15	2	9M	73.4u	1.909m	-	52.42m
16	2	9M	54.6u	1.828m	-	56.08m
17	2	13M	58.6u	1.104m	-	176.9m
18	1	20M	72.4u	-	-	169.4m
19	2	8M	62.6u	1.046m	-	339.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	75.6u	1.794m	-	12.48m
2	2	18M	92.5u	1.378m	-	737.1m
3	1	7M	58.1u	-	-	853.5m
4	2	13M	56.9u	1.090m	-	836.9m
5	1	6M	91.2u	-	-	344.9m
6	3	9M	80.8u	1.354m	1.472m	509.4m
7	2	19M	62.6u	1.618m	-	219.4m
8	2	6M	68.1u	1.446m	-	590.0m
9	2	9M	93.9u	1.085m	-	32.98m
10	1	7M	99.7u	-	-	698.6m
11	2	16M	69.3u	1.247m	-	269.3m
12	3	19M	63.8u	1.698m	1.670m	821.3m
13	2	7M	92.4u	1.835m	-	811.2m

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	2	17M	99.0u	1.611m	-	688.2m
2	2	7M	86.0u	1.366m	-	62.34m
3	1	18M	76.8u	-	-	742.7m
4	1	12M	53.3u	-	-	702.9m
5	2	10M	61.3u	1.056m	-	963.1m
6	2	12M	92.1u	1.264m	-	523.9m
7	2	13M	71.9u	1.648m	-	228.1m
8	2	14M	50.9u	1.543m	-	132.5m
9	2	19M	82.8u	1.272m	-	404.6m
10	2	12M	54.3u	1.944m	-	608.1m
11	3	13M	83.8u	1.452m	1.636m	826.1m
12	2	15M	56.3u	1.499m	-	623.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	68.8u	1.927m	-	1.385
2	1	19M	52.8u	-	-	580.2m
3	2	14M	57.0u	1.516m	-	986.0m
4	2	7M	66.1u	1.743m	-	467.6m
5	2	19M	57.5u	1.188m	-	1.044
6	3	19M	83.3u	928.7u	1.582m	842.1m
7	2	17M	72.0u	1.153m	-	1.214
8	3	5M	77.7u	1.249m	1.125m	723.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	86.2u	-	-	13.85m
2	1	11M	86.6u	-	-	636.0m
3	1	9M	62.4u	-	-	264.7m
4	3	16M	96.9u	1.068m	1.642m	225.8m
5	2	16M	82.4u	1.474m	-	228.9m
6	1	9M	77.8u	-	-	113.5m
7	1	12M	68.0u	-	-	451.6m
8	2	5M	92.6u	1.650m	-	780.2m
9	1	18M	84.5u	-	-	367.4m
10	2	13M	98.1u	1.592m	-	865.2m
11	2	6M	89.6u	1.833m	-	563.1m
12	2	17M	66.1u	994.9u	-	912.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	58.7u	1.625m	1.220m	521.4m
2	2	17M	76.1u	1.396m	-	610.0m
3	1	8M	86.3u	-	-	489.5m
4	3	19M	70.9u	1.508m	1.758m	325.5m
5	2	8M	70.0u	1.274m	-	705.7m
6	2	19M	75.9u	1.809m	-	247.5m
7	1	17M	81.2u	-	-	747.4m
8	2	8M	54.1u	1.498m	-	526.3m
9	3	17M	71.6u	1.521m	1.814m	636.4m
10	2	13M	97.7u	1.237m	-	220.0m
11	1	19M	87.0u	-	-	186.7m
12	2	7M	76.8u	1.736m	-	591.9m
13	2	20M	51.4u	1.174m	-	32.57m
14	1	7M	53.0u	-	-	516.1m

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.650G	3	5.556G	4	5.372G
5	5.441G	6	5.637G	7	5.635G	8	5.288G
9	5.697G	10	5.412G	11	5.323G	12	5.452G
13	5.659G	14	5.460G	15	5.641G	16	5.681G
17	5.374G	18	5.301G	19	5.510G	20	5.468G
21	5.585G	22	5.486G	23	5.314G	24	5.677G
25	5.655G	26	5.570G	27	5.687G	28	5.675G
29	5.572G	30	5.583G	31	5.505G	32	5.698G
33	5.350G	34	5.551G	35	5.597G	36	5.707G
37	5.333G	38	5.617G	39	5.259G	40	5.663G
41	5.620G	42	5.398G	43	5.366G	44	5.685G
45	5.516G	46	5.630G	47	5.633G	48	5.445G
49	5.458G	50	5.345G	51	5.680G	52	5.592G
53	5.396G	54	5.463G	55	5.469G	56	5.672G
57	5.518G	58	5.648G	59	5.435G	60	5.297G
61	5.332G	62	5.526G	63	5.586G	64	5.609G
65	5.657G	66	5.430G	67	5.274G	68	5.471G
69	5.310G	70	5.504G	71	5.673G	72	5.281G
73	5.682G	74	5.498G	75	5.688G	76	5.544G
77	5.712G	78	5.634G	79	5.608G	80	5.282G
81	5.631G	82	5.415G	83	5.699G	84	5.360G
85	5.283G	86	5.316G	87	5.472G	88	5.449G
89	5.694G	90	5.269G	91	5.700G	92	5.294G
93	5.692G	94	5.286G	95	5.501G	96	5.689G
97	5.324G	98	5.588G	99	5.536G	100	5.579G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.346G	2	5.501G	3	5.272G	4	5.295G
5	5.403G	6	5.712G	7	5.613G	8	5.429G
9	5.263G	10	5.351G	11	5.476G	12	5.323G
13	5.606G	14	5.355G	15	5.603G	16	5.402G
17	5.721G	18	5.330G	19	5.557G	20	5.354G
21	5.315G	22	5.465G	23	5.590G	24	5.704G
25	5.551G	26	5.303G	27	5.638G	28	5.493G
29	5.480G	30	5.709G	31	5.438G	32	5.255G
33	5.344G	34	5.256G	35	5.651G	36	5.460G
37	5.660G	38	5.343G	39	5.277G	40	5.436G
41	5.658G	42	5.370G	43	5.286G	44	5.446G
45	5.655G	46	5.517G	47	5.394G	48	5.360G
49	5.648G	50	5.425G	51	5.612G	52	5.620G
53	5.592G	54	5.570G	55	5.518G	56	5.298G
57	5.632G	58	5.600G	59	5.448G	60	5.258G
61	5.487G	62	5.701G	63	5.297G	64	5.449G
65	5.691G	66	5.450G	67	5.565G	68	5.348G
69	5.679G	70	5.629G	71	5.380G	72	5.453G
73	5.584G	74	5.335G	75	5.591G	76	5.705G
77	5.398G	78	5.270G	79	5.622G	80	5.514G
81	5.434G	82	5.369G	83	5.485G	84	5.301G
85	5.345G	86	5.618G	87	5.452G	88	5.441G
89	5.474G	90	5.250G	91	5.616G	92	5.710G
93	5.468G	94	5.513G	95	5.692G	96	5.334G
97	5.504G	98	5.347G	99	5.280G	100	5.400G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.520G	2	5.463G	3	5.410G	4	5.684G
5	5.482G	6	5.448G	7	5.370G	8	5.610G
9	5.413G	10	5.667G	11	5.326G	12	5.381G
13	5.443G	14	5.583G	15	5.334G	16	5.642G
17	5.414G	18	5.457G	19	5.385G	20	5.412G
21	5.382G	22	5.578G	23	5.670G	24	5.465G
25	5.483G	26	5.257G	27	5.323G	28	5.674G
29	5.536G	30	5.384G	31	5.596G	32	5.722G
33	5.269G	34	5.643G	35	5.560G	36	5.628G
37	5.580G	38	5.415G	39	5.369G	40	5.636G
41	5.660G	42	5.477G	43	5.678G	44	5.492G
45	5.624G	46	5.337G	47	5.400G	48	5.698G
49	5.640G	50	5.260G	51	5.564G	52	5.403G
53	5.427G	54	5.627G	55	5.350G	56	5.611G
57	5.566G	58	5.691G	59	5.358G	60	5.648G
61	5.262G	62	5.429G	63	5.378G	64	5.590G
65	5.393G	66	5.278G	67	5.718G	68	5.312G
69	5.529G	70	5.305G	71	5.552G	72	5.650G
73	5.454G	74	5.330G	75	5.422G	76	5.341G
77	5.356G	78	5.485G	79	5.551G	80	5.588G
81	5.544G	82	5.716G	83	5.304G	84	5.659G
85	5.277G	86	5.703G	87	5.472G	88	5.575G
89	5.537G	90	5.294G	91	5.690G	92	5.380G
93	5.614G	94	5.362G	95	5.423G	96	5.311G
97	5.637G	98	5.540G	99	5.270G	100	5.302G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.397G	2	5.383G	3	5.462G	4	5.338G
5	5.267G	6	5.261G	7	5.454G	8	5.500G
9	5.603G	10	5.568G	11	5.328G	12	5.467G
13	5.629G	14	5.612G	15	5.544G	16	5.375G
17	5.325G	18	5.507G	19	5.514G	20	5.433G
21	5.718G	22	5.526G	23	5.497G	24	5.520G
25	5.555G	26	5.389G	27	5.628G	28	5.511G
29	5.435G	30	5.424G	31	5.319G	32	5.453G
33	5.493G	34	5.311G	35	5.641G	36	5.415G
37	5.547G	38	5.655G	39	5.711G	40	5.579G
41	5.702G	42	5.260G	43	5.336G	44	5.278G
45	5.314G	46	5.587G	47	5.688G	48	5.598G
49	5.443G	50	5.719G	51	5.291G	52	5.428G
53	5.441G	54	5.377G	55	5.385G	56	5.315G
57	5.609G	58	5.274G	59	5.409G	60	5.546G
61	5.431G	62	5.288G	63	5.324G	64	5.341G
65	5.376G	66	5.689G	67	5.541G	68	5.422G
69	5.695G	70	5.679G	71	5.618G	72	5.465G
73	5.255G	74	5.590G	75	5.634G	76	5.388G
77	5.406G	78	5.420G	79	5.309G	80	5.362G
81	5.425G	82	5.605G	83	5.624G	84	5.374G
85	5.366G	86	5.360G	87	5.645G	88	5.297G
89	5.556G	90	5.554G	91	5.351G	92	5.596G
93	5.302G	94	5.470G	95	5.654G	96	5.299G
97	5.481G	98	5.606G	99	5.487G	100	5.343G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.421G	2	5.644G	3	5.275G	4	5.412G
5	5.320G	6	5.350G	7	5.652G	8	5.620G
9	5.548G	10	5.601G	11	5.640G	12	5.450G
13	5.582G	14	5.702G	15	5.311G	16	5.349G
17	5.489G	18	5.605G	19	5.698G	20	5.407G
21	5.478G	22	5.545G	23	5.267G	24	5.658G
25	5.376G	26	5.707G	27	5.592G	28	5.696G
29	5.655G	30	5.504G	31	5.271G	32	5.416G
33	5.667G	34	5.673G	35	5.347G	36	5.700G
37	5.307G	38	5.723G	39	5.357G	40	5.522G
41	5.417G	42	5.257G	43	5.383G	44	5.419G
45	5.714G	46	5.393G	47	5.261G	48	5.508G
49	5.485G	50	5.260G	51	5.318G	52	5.628G
53	5.278G	54	5.430G	55	5.520G	56	5.392G
57	5.358G	58	5.270G	59	5.627G	60	5.557G
61	5.558G	62	5.305G	63	5.526G	64	5.314G
65	5.528G	66	5.555G	67	5.540G	68	5.380G
69	5.573G	70	5.268G	71	5.459G	72	5.482G
73	5.653G	74	5.353G	75	5.306G	76	5.324G
77	5.497G	78	5.693G	79	5.362G	80	5.514G
81	5.581G	82	5.415G	83	5.368G	84	5.599G
85	5.291G	86	5.704G	87	5.503G	88	5.564G
89	5.611G	90	5.634G	91	5.560G	92	5.300G
93	5.646G	94	5.561G	95	5.692G	96	5.633G
97	5.635G	98	5.492G	99	5.312G	100	5.690G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.510G	2	5.475G	3	5.466G	4	5.512G
5	5.665G	6	5.493G	7	5.595G	8	5.412G
9	5.488G	10	5.435G	11	5.408G	12	5.263G
13	5.569G	14	5.713G	15	5.269G	16	5.687G
17	5.554G	18	5.392G	19	5.455G	20	5.592G
21	5.264G	22	5.670G	23	5.660G	24	5.614G
25	5.715G	26	5.560G	27	5.591G	28	5.461G
29	5.290G	30	5.278G	31	5.714G	32	5.365G
33	5.650G	34	5.307G	35	5.432G	36	5.641G
37	5.490G	38	5.417G	39	5.265G	40	5.457G
41	5.367G	42	5.598G	43	5.308G	44	5.669G
45	5.287G	46	5.413G	47	5.312G	48	5.389G
49	5.495G	50	5.530G	51	5.532G	52	5.525G
53	5.697G	54	5.619G	55	5.494G	56	5.577G
57	5.563G	58	5.342G	59	5.288G	60	5.313G
61	5.513G	62	5.636G	63	5.316G	64	5.428G
65	5.304G	66	5.326G	67	5.681G	68	5.584G
69	5.272G	70	5.363G	71	5.460G	72	5.468G
73	5.710G	74	5.362G	75	5.722G	76	5.262G
77	5.385G	78	5.482G	79	5.336G	80	5.390G
81	5.688G	82	5.277G	83	5.407G	84	5.393G
85	5.334G	86	5.372G	87	5.422G	88	5.322G
89	5.581G	90	5.559G	91	5.346G	92	5.380G
93	5.515G	94	5.258G	95	5.606G	96	5.406G
97	5.564G	98	5.444G	99	5.613G	100	5.526G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.551G	2	5.676G	3	5.484G	4	5.572G
5	5.380G	6	5.718G	7	5.660G	8	5.644G
9	5.397G	10	5.438G	11	5.410G	12	5.256G
13	5.538G	14	5.542G	15	5.550G	16	5.480G
17	5.413G	18	5.461G	19	5.463G	20	5.369G
21	5.640G	22	5.383G	23	5.375G	24	5.488G
25	5.570G	26	5.281G	27	5.613G	28	5.282G
29	5.310G	30	5.273G	31	5.724G	32	5.622G
33	5.633G	34	5.267G	35	5.715G	36	5.523G
37	5.632G	38	5.620G	39	5.567G	40	5.589G
41	5.318G	42	5.263G	43	5.378G	44	5.716G
45	5.289G	46	5.568G	47	5.710G	48	5.516G
49	5.606G	50	5.337G	51	5.283G	52	5.717G
53	5.424G	54	5.651G	55	5.711G	56	5.707G
57	5.698G	58	5.462G	59	5.518G	60	5.445G
61	5.360G	62	5.653G	63	5.307G	64	5.341G
65	5.581G	66	5.457G	67	5.601G	68	5.345G
69	5.658G	70	5.431G	71	5.648G	72	5.253G
73	5.683G	74	5.384G	75	5.398G	76	5.459G
77	5.254G	78	5.607G	79	5.301G	80	5.417G
81	5.347G	82	5.643G	83	5.712G	84	5.514G
85	5.576G	86	5.610G	87	5.386G	88	5.381G
89	5.476G	90	5.680G	91	5.272G	92	5.477G
93	5.565G	94	5.450G	95	5.414G	96	5.343G
97	5.497G	98	5.405G	99	5.503G	100	5.577G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.452G	2	5.443G	3	5.458G	4	5.492G
5	5.281G	6	5.280G	7	5.290G	8	5.685G
9	5.655G	10	5.636G	11	5.369G	12	5.320G
13	5.272G	14	5.644G	15	5.250G	16	5.695G
17	5.303G	18	5.268G	19	5.384G	20	5.351G
21	5.620G	22	5.588G	23	5.447G	24	5.283G
25	5.658G	26	5.566G	27	5.457G	28	5.476G
29	5.626G	30	5.325G	31	5.679G	32	5.590G
33	5.282G	34	5.538G	35	5.269G	36	5.539G
37	5.408G	38	5.400G	39	5.604G	40	5.371G
41	5.520G	42	5.499G	43	5.274G	44	5.352G
45	5.436G	46	5.505G	47	5.394G	48	5.617G
49	5.330G	50	5.652G	51	5.700G	52	5.317G
53	5.592G	54	5.473G	55	5.398G	56	5.573G
57	5.393G	58	5.674G	59	5.635G	60	5.546G
61	5.370G	62	5.542G	63	5.376G	64	5.561G
65	5.385G	66	5.606G	67	5.516G	68	5.613G
69	5.701G	70	5.510G	71	5.397G	72	5.332G
73	5.642G	74	5.651G	75	5.430G	76	5.551G
77	5.560G	78	5.316G	79	5.302G	80	5.382G
81	5.714G	82	5.341G	83	5.429G	84	5.693G
85	5.523G	86	5.470G	87	5.252G	88	5.420G
89	5.266G	90	5.563G	91	5.472G	92	5.601G
93	5.273G	94	5.340G	95	5.296G	96	5.333G
97	5.441G	98	5.550G	99	5.475G	100	5.678G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.618G	2	5.628G	3	5.634G	4	5.468G
5	5.711G	6	5.257G	7	5.588G	8	5.445G
9	5.625G	10	5.675G	11	5.527G	12	5.470G
13	5.707G	14	5.438G	15	5.559G	16	5.499G
17	5.388G	18	5.662G	19	5.594G	20	5.394G
21	5.354G	22	5.678G	23	5.418G	24	5.332G
25	5.696G	26	5.716G	27	5.621G	28	5.450G
29	5.348G	30	5.434G	31	5.452G	32	5.368G
33	5.382G	34	5.254G	35	5.578G	36	5.377G
37	5.269G	38	5.554G	39	5.449G	40	5.430G
41	5.383G	42	5.623G	43	5.401G	44	5.399G
45	5.550G	46	5.586G	47	5.581G	48	5.308G
49	5.512G	50	5.275G	51	5.362G	52	5.363G
53	5.576G	54	5.671G	55	5.342G	56	5.381G
57	5.284G	58	5.390G	59	5.605G	60	5.455G
61	5.503G	62	5.547G	63	5.562G	64	5.429G
65	5.704G	66	5.426G	67	5.411G	68	5.613G
69	5.584G	70	5.311G	71	5.501G	72	5.537G
73	5.451G	74	5.717G	75	5.709G	76	5.695G
77	5.303G	78	5.369G	79	5.514G	80	5.570G
81	5.665G	82	5.592G	83	5.631G	84	5.253G
85	5.622G	86	5.463G	87	5.469G	88	5.518G
89	5.437G	90	5.642G	91	5.630G	92	5.398G
93	5.491G	94	5.367G	95	5.346G	96	5.425G
97	5.414G	98	5.640G	99	5.321G	100	5.393G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.314G	2	5.430G	3	5.302G	4	5.313G
5	5.617G	6	5.493G	7	5.598G	8	5.300G
9	5.712G	10	5.573G	11	5.578G	12	5.340G
13	5.359G	14	5.593G	15	5.351G	16	5.451G
17	5.354G	18	5.389G	19	5.275G	20	5.625G
21	5.515G	22	5.574G	23	5.404G	24	5.552G
25	5.426G	26	5.561G	27	5.685G	28	5.555G
29	5.592G	30	5.363G	31	5.717G	32	5.347G
33	5.252G	34	5.701G	35	5.614G	36	5.608G
37	5.671G	38	5.449G	39	5.556G	40	5.371G
41	5.373G	42	5.652G	43	5.365G	44	5.304G
45	5.537G	46	5.634G	47	5.281G	48	5.647G
49	5.324G	50	5.544G	51	5.447G	52	5.437G
53	5.400G	54	5.289G	55	5.325G	56	5.505G
57	5.603G	58	5.279G	59	5.416G	60	5.446G
61	5.326G	62	5.419G	63	5.550G	64	5.409G
65	5.605G	66	5.316G	67	5.360G	68	5.540G
69	5.370G	70	5.495G	71	5.613G	72	5.467G
73	5.362G	74	5.514G	75	5.298G	76	5.559G
77	5.380G	78	5.636G	79	5.589G	80	5.470G
81	5.551G	82	5.428G	83	5.429G	84	5.716G
85	5.361G	86	5.330G	87	5.441G	88	5.402G
89	5.271G	90	5.297G	91	5.696G	92	5.691G
93	5.376G	94	5.424G	95	5.707G	96	5.307G
97	5.435G	98	5.385G	99	5.638G	100	5.563G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.583G	2	5.494G	3	5.698G	4	5.598G
5	5.625G	6	5.370G	7	5.326G	8	5.606G
9	5.498G	10	5.328G	11	5.694G	12	5.709G
13	5.613G	14	5.481G	15	5.418G	16	5.677G
17	5.448G	18	5.343G	19	5.357G	20	5.554G
21	5.659G	22	5.396G	23	5.303G	24	5.419G
25	5.362G	26	5.428G	27	5.469G	28	5.268G
29	5.394G	30	5.492G	31	5.663G	32	5.720G
33	5.567G	34	5.356G	35	5.635G	36	5.372G
37	5.386G	38	5.345G	39	5.600G	40	5.412G
41	5.258G	42	5.411G	43	5.301G	44	5.618G
45	5.699G	46	5.604G	47	5.463G	48	5.542G
49	5.680G	50	5.670G	51	5.368G	52	5.589G
53	5.553G	54	5.515G	55	5.446G	56	5.304G
57	5.441G	58	5.424G	59	5.620G	60	5.263G
61	5.592G	62	5.629G	63	5.466G	64	5.556G
65	5.636G	66	5.722G	67	5.302G	68	5.656G
69	5.252G	70	5.286G	71	5.369G	72	5.723G
73	5.573G	74	5.569G	75	5.558G	76	5.250G
77	5.500G	78	5.457G	79	5.462G	80	5.562G
81	5.716G	82	5.614G	83	5.347G	84	5.565G
85	5.288G	86	5.627G	87	5.342G	88	5.696G
89	5.712G	90	5.337G	91	5.649G	92	5.538G
93	5.688G	94	5.549G	95	5.272G	96	5.447G
97	5.519G	98	5.323G	99	5.314G	100	5.706G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.511G	2	5.597G	3	5.289G	4	5.670G
5	5.617G	6	5.438G	7	5.491G	8	5.682G
9	5.526G	10	5.298G	11	5.352G	12	5.714G
13	5.689G	14	5.688G	15	5.360G	16	5.431G
17	5.530G	18	5.549G	19	5.478G	20	5.411G
21	5.658G	22	5.356G	23	5.265G	24	5.345G
25	5.520G	26	5.624G	27	5.562G	28	5.674G
29	5.284G	30	5.707G	31	5.464G	32	5.502G
33	5.315G	34	5.297G	35	5.639G	36	5.469G
37	5.407G	38	5.353G	39	5.542G	40	5.458G
41	5.545G	42	5.367G	43	5.569G	44	5.687G
45	5.680G	46	5.722G	47	5.312G	48	5.465G
49	5.574G	50	5.319G	51	5.648G	52	5.702G
53	5.664G	54	5.515G	55	5.613G	56	5.504G
57	5.662G	58	5.251G	59	5.322G	60	5.448G
61	5.395G	62	5.582G	63	5.350G	64	5.563G
65	5.508G	66	5.261G	67	5.577G	68	5.393G
69	5.280G	70	5.374G	71	5.380G	72	5.519G
73	5.460G	74	5.587G	75	5.720G	76	5.653G
77	5.611G	78	5.657G	79	5.596G	80	5.642G
81	5.684G	82	5.604G	83	5.538G	84	5.415G
85	5.692G	86	5.423G	87	5.258G	88	5.336G
89	5.436G	90	5.349G	91	5.287G	92	5.427G
93	5.283G	94	5.711G	95	5.316G	96	5.638G
97	5.507G	98	5.691G	99	5.399G	100	5.610G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.524G	2	5.546G	3	5.257G	4	5.323G
5	5.303G	6	5.498G	7	5.585G	8	5.653G
9	5.540G	10	5.413G	11	5.482G	12	5.462G
13	5.296G	14	5.656G	15	5.626G	16	5.631G
17	5.567G	18	5.711G	19	5.418G	20	5.374G
21	5.666G	22	5.623G	23	5.382G	24	5.408G
25	5.615G	26	5.394G	27	5.593G	28	5.657G
29	5.441G	30	5.395G	31	5.714G	32	5.607G
33	5.254G	34	5.612G	35	5.677G	36	5.717G
37	5.684G	38	5.660G	39	5.273G	40	5.415G
41	5.351G	42	5.484G	43	5.673G	44	5.610G
45	5.442G	46	5.478G	47	5.661G	48	5.563G
49	5.560G	50	5.617G	51	5.463G	52	5.459G
53	5.469G	54	5.417G	55	5.525G	56	5.555G
57	5.493G	58	5.371G	59	5.516G	60	5.663G
61	5.347G	62	5.288G	63	5.580G	64	5.350G
65	5.378G	66	5.700G	67	5.597G	68	5.324G
69	5.458G	70	5.471G	71	5.538G	72	5.599G
73	5.426G	74	5.310G	75	5.688G	76	5.333G
77	5.475G	78	5.258G	79	5.419G	80	5.701G
81	5.600G	82	5.590G	83	5.690G	84	5.528G
85	5.362G	86	5.342G	87	5.502G	88	5.414G
89	5.457G	90	5.297G	91	5.357G	92	5.509G
93	5.274G	94	5.451G	95	5.328G	96	5.539G
97	5.596G	98	5.479G	99	5.474G	100	5.284G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.284G	2	5.688G	3	5.520G	4	5.344G
5	5.339G	6	5.657G	7	5.545G	8	5.607G
9	5.538G	10	5.297G	11	5.658G	12	5.600G
13	5.460G	14	5.285G	15	5.398G	16	5.264G
17	5.303G	18	5.465G	19	5.708G	20	5.443G
21	5.421G	22	5.630G	23	5.386G	24	5.357G
25	5.723G	26	5.684G	27	5.483G	28	5.551G
29	5.529G	30	5.275G	31	5.381G	32	5.444G
33	5.639G	34	5.345G	35	5.326G	36	5.506G
37	5.531G	38	5.679G	39	5.355G	40	5.649G
41	5.560G	42	5.377G	43	5.331G	44	5.428G
45	5.575G	46	5.500G	47	5.509G	48	5.656G
49	5.693G	50	5.376G	51	5.434G	52	5.327G
53	5.542G	54	5.368G	55	5.321G	56	5.349G
57	5.389G	58	5.353G	59	5.606G	60	5.494G
61	5.315G	62	5.568G	63	5.559G	64	5.278G
65	5.680G	66	5.288G	67	5.557G	68	5.405G
69	5.589G	70	5.634G	71	5.721G	72	5.350G
73	5.485G	74	5.481G	75	5.433G	76	5.296G
77	5.691G	78	5.544G	79	5.587G	80	5.599G
81	5.713G	82	5.632G	83	5.676G	84	5.307G
85	5.497G	86	5.328G	87	5.653G	88	5.578G
89	5.332G	90	5.608G	91	5.310G	92	5.445G
93	5.419G	94	5.576G	95	5.503G	96	5.549G
97	5.322G	98	5.683G	99	5.707G	100	5.698G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.522G	2	5.425G	3	5.421G	4	5.722G
5	5.369G	6	5.553G	7	5.395G	8	5.265G
9	5.669G	10	5.543G	11	5.266G	12	5.490G
13	5.724G	14	5.250G	15	5.405G	16	5.579G
17	5.520G	18	5.608G	19	5.686G	20	5.404G
21	5.494G	22	5.560G	23	5.446G	24	5.367G
25	5.545G	26	5.388G	27	5.350G	28	5.402G
29	5.640G	30	5.286G	31	5.273G	32	5.680G
33	5.256G	34	5.292G	35	5.308G	36	5.481G
37	5.304G	38	5.600G	39	5.397G	40	5.299G
41	5.386G	42	5.586G	43	5.602G	44	5.444G
45	5.684G	46	5.505G	47	5.723G	48	5.613G
49	5.532G	50	5.319G	51	5.595G	52	5.370G
53	5.318G	54	5.314G	55	5.487G	56	5.531G
57	5.604G	58	5.272G	59	5.572G	60	5.598G
61	5.384G	62	5.591G	63	5.619G	64	5.695G
65	5.372G	66	5.452G	67	5.443G	68	5.269G
69	5.462G	70	5.568G	71	5.346G	72	5.422G
73	5.257G	74	5.523G	75	5.671G	76	5.307G
77	5.361G	78	5.416G	79	5.433G	80	5.617G
81	5.398G	82	5.351G	83	5.485G	84	5.650G
85	5.347G	86	5.334G	87	5.442G	88	5.276G
89	5.392G	90	5.360G	91	5.456G	92	5.468G
93	5.309G	94	5.328G	95	5.497G	96	5.337G
97	5.294G	98	5.261G	99	5.557G	100	5.665G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.587G	2	5.395G	3	5.533G	4	5.319G
5	5.473G	6	5.361G	7	5.697G	8	5.549G
9	5.680G	10	5.507G	11	5.526G	12	5.374G
13	5.377G	14	5.723G	15	5.444G	16	5.457G
17	5.347G	18	5.517G	19	5.313G	20	5.412G
21	5.720G	22	5.719G	23	5.380G	24	5.410G
25	5.692G	26	5.323G	27	5.466G	28	5.506G
29	5.386G	30	5.286G	31	5.643G	32	5.681G
33	5.370G	34	5.333G	35	5.476G	36	5.498G
37	5.655G	38	5.368G	39	5.612G	40	5.254G
41	5.602G	42	5.627G	43	5.335G	44	5.404G
45	5.718G	46	5.656G	47	5.667G	48	5.431G
49	5.686G	50	5.651G	51	5.585G	52	5.649G
53	5.265G	54	5.474G	55	5.268G	56	5.631G
57	5.376G	58	5.260G	59	5.488G	60	5.521G
61	5.672G	62	5.618G	63	5.403G	64	5.610G
65	5.315G	66	5.556G	67	5.659G	68	5.420G
69	5.596G	70	5.270G	71	5.324G	72	5.546G
73	5.358G	74	5.675G	75	5.295G	76	5.568G
77	5.281G	78	5.630G	79	5.499G	80	5.263G
81	5.325G	82	5.541G	83	5.490G	84	5.371G
85	5.634G	86	5.464G	87	5.352G	88	5.326G
89	5.330G	90	5.606G	91	5.711G	92	5.381G
93	5.580G	94	5.280G	95	5.554G	96	5.362G
97	5.626G	98	5.510G	99	5.716G	100	5.441G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.293G	2	5.283G	3	5.433G	4	5.556G
5	5.494G	6	5.344G	7	5.320G	8	5.656G
9	5.405G	10	5.606G	11	5.323G	12	5.358G
13	5.274G	14	5.521G	15	5.434G	16	5.546G
17	5.644G	18	5.487G	19	5.313G	20	5.676G
21	5.609G	22	5.297G	23	5.565G	24	5.377G
25	5.288G	26	5.397G	27	5.470G	28	5.299G
29	5.645G	30	5.292G	31	5.667G	32	5.473G
33	5.615G	34	5.513G	35	5.558G	36	5.447G
37	5.549G	38	5.362G	39	5.365G	40	5.465G
41	5.483G	42	5.370G	43	5.361G	44	5.702G
45	5.369G	46	5.723G	47	5.328G	48	5.278G
49	5.311G	50	5.539G	51	5.419G	52	5.554G
53	5.262G	54	5.379G	55	5.713G	56	5.493G
57	5.294G	58	5.603G	59	5.304G	60	5.340G
61	5.614G	62	5.350G	63	5.551G	64	5.626G
65	5.295G	66	5.671G	67	5.336G	68	5.694G
69	5.621G	70	5.540G	71	5.648G	72	5.391G
73	5.373G	74	5.682G	75	5.463G	76	5.672G
77	5.559G	78	5.477G	79	5.518G	80	5.607G
81	5.647G	82	5.442G	83	5.720G	84	5.590G
85	5.403G	86	5.580G	87	5.591G	88	5.637G
89	5.506G	90	5.411G	91	5.587G	92	5.543G
93	5.601G	94	5.455G	95	5.697G	96	5.668G
97	5.695G	98	5.271G	99	5.430G	100	5.514G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.715G	2	5.594G	3	5.450G	4	5.473G
5	5.287G	6	5.338G	7	5.346G	8	5.288G
9	5.542G	10	5.306G	11	5.333G	12	5.472G
13	5.490G	14	5.551G	15	5.644G	16	5.651G
17	5.618G	18	5.434G	19	5.691G	20	5.666G
21	5.648G	22	5.558G	23	5.397G	24	5.316G
25	5.602G	26	5.545G	27	5.336G	28	5.701G
29	5.401G	30	5.582G	31	5.576G	32	5.429G
33	5.367G	34	5.527G	35	5.344G	36	5.286G
37	5.304G	38	5.660G	39	5.687G	40	5.631G
41	5.622G	42	5.677G	43	5.383G	44	5.296G
45	5.619G	46	5.503G	47	5.708G	48	5.482G
49	5.624G	50	5.599G	51	5.667G	52	5.298G
53	5.414G	54	5.349G	55	5.548G	56	5.615G
57	5.568G	58	5.424G	59	5.720G	60	5.271G
61	5.369G	62	5.559G	63	5.276G	64	5.356G
65	5.256G	66	5.681G	67	5.540G	68	5.263G
69	5.275G	70	5.629G	71	5.303G	72	5.433G
73	5.481G	74	5.523G	75	5.285G	76	5.407G
77	5.378G	78	5.512G	79	5.650G	80	5.278G
81	5.446G	82	5.546G	83	5.486G	84	5.564G
85	5.613G	86	5.390G	87	5.348G	88	5.468G
89	5.565G	90	5.518G	91	5.600G	92	5.311G
93	5.506G	94	5.484G	95	5.438G	96	5.381G
97	5.553G	98	5.364G	99	5.423G	100	5.343G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.666G	2	5.487G	3	5.470G	4	5.359G
5	5.338G	6	5.472G	7	5.390G	8	5.708G
9	5.589G	10	5.366G	11	5.485G	12	5.519G
13	5.337G	14	5.659G	15	5.501G	16	5.405G
17	5.295G	18	5.369G	19	5.284G	20	5.425G
21	5.661G	22	5.447G	23	5.483G	24	5.267G
25	5.285G	26	5.549G	27	5.306G	28	5.473G
29	5.637G	30	5.578G	31	5.513G	32	5.605G
33	5.623G	34	5.573G	35	5.536G	36	5.663G
37	5.511G	38	5.479G	39	5.611G	40	5.510G
41	5.403G	42	5.301G	43	5.711G	44	5.706G
45	5.259G	46	5.554G	47	5.494G	48	5.254G
49	5.250G	50	5.497G	51	5.291G	52	5.543G
53	5.495G	54	5.376G	55	5.481G	56	5.325G
57	5.506G	58	5.697G	59	5.340G	60	5.378G
61	5.579G	62	5.558G	63	5.664G	64	5.364G
65	5.290G	66	5.467G	67	5.446G	68	5.417G
69	5.684G	70	5.700G	71	5.408G	72	5.545G
73	5.316G	74	5.305G	75	5.616G	76	5.329G
77	5.255G	78	5.601G	79	5.455G	80	5.486G
81	5.478G	82	5.383G	83	5.450G	84	5.358G
85	5.678G	86	5.407G	87	5.514G	88	5.718G
89	5.331G	90	5.468G	91	5.698G	92	5.507G
93	5.312G	94	5.719G	95	5.372G	96	5.570G
97	5.271G	98	5.528G	99	5.582G	100	5.644G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.388G	2	5.645G	3	5.618G	4	5.275G
5	5.406G	6	5.363G	7	5.279G	8	5.639G
9	5.665G	10	5.617G	11	5.579G	12	5.691G
13	5.295G	14	5.602G	15	5.372G	16	5.484G
17	5.516G	18	5.345G	19	5.649G	20	5.597G
21	5.394G	22	5.404G	23	5.487G	24	5.483G
25	5.543G	26	5.722G	27	5.574G	28	5.353G
29	5.528G	30	5.522G	31	5.401G	32	5.467G
33	5.325G	34	5.585G	35	5.277G	36	5.264G
37	5.525G	38	5.586G	39	5.430G	40	5.350G
41	5.445G	42	5.635G	43	5.675G	44	5.285G
45	5.674G	46	5.307G	47	5.328G	48	5.338G
49	5.286G	50	5.540G	51	5.657G	52	5.313G
53	5.546G	54	5.370G	55	5.358G	56	5.611G
57	5.495G	58	5.410G	59	5.268G	60	5.640G
61	5.311G	62	5.513G	63	5.584G	64	5.562G
65	5.518G	66	5.572G	67	5.456G	68	5.680G
69	5.461G	70	5.348G	71	5.505G	72	5.340G
73	5.409G	74	5.699G	75	5.362G	76	5.714G
77	5.706G	78	5.684G	79	5.431G	80	5.463G
81	5.288G	82	5.418G	83	5.374G	84	5.270G
85	5.571G	86	5.414G	87	5.266G	88	5.322G
89	5.547G	90	5.272G	91	5.710G	92	5.327G
93	5.331G	94	5.282G	95	5.403G	96	5.560G
97	5.342G	98	5.321G	99	5.701G	100	5.504G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.637G	2	5.337G	3	5.452G	4	5.302G
5	5.278G	6	5.606G	7	5.696G	8	5.579G
9	5.363G	10	5.285G	11	5.275G	12	5.484G
13	5.427G	14	5.468G	15	5.309G	16	5.607G
17	5.494G	18	5.684G	19	5.272G	20	5.697G
21	5.447G	22	5.367G	23	5.338G	24	5.504G
25	5.465G	26	5.381G	27	5.368G	28	5.471G
29	5.310G	30	5.455G	31	5.553G	32	5.626G
33	5.457G	34	5.420G	35	5.362G	36	5.621G
37	5.700G	38	5.599G	39	5.653G	40	5.615G
41	5.402G	42	5.379G	43	5.490G	44	5.715G
45	5.695G	46	5.595G	47	5.421G	48	5.609G
49	5.664G	50	5.642G	51	5.628G	52	5.674G
53	5.507G	54	5.617G	55	5.656G	56	5.493G
57	5.266G	58	5.714G	59	5.319G	60	5.441G
61	5.478G	62	5.444G	63	5.474G	64	5.575G
65	5.294G	66	5.282G	67	5.328G	68	5.462G
69	5.289G	70	5.724G	71	5.454G	72	5.306G
73	5.380G	74	5.332G	75	5.677G	76	5.374G
77	5.712G	78	5.387G	79	5.472G	80	5.542G
81	5.533G	82	5.426G	83	5.254G	84	5.669G
85	5.271G	86	5.577G	87	5.502G	88	5.403G
89	5.543G	90	5.571G	91	5.513G	92	5.479G
93	5.601G	94	5.482G	95	5.428G	96	5.614G
97	5.336G	98	5.372G	99	5.600G	100	5.470G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.335G	2	5.570G	3	5.334G	4	5.433G
5	5.464G	6	5.451G	7	5.687G	8	5.586G
9	5.254G	10	5.634G	11	5.438G	12	5.722G
13	5.386G	14	5.607G	15	5.290G	16	5.262G
17	5.515G	18	5.441G	19	5.636G	20	5.270G
21	5.256G	22	5.279G	23	5.620G	24	5.447G
25	5.471G	26	5.417G	27	5.473G	28	5.708G
29	5.468G	30	5.362G	31	5.572G	32	5.563G
33	5.328G	34	5.601G	35	5.541G	36	5.629G
37	5.393G	38	5.667G	39	5.531G	40	5.313G
41	5.633G	42	5.403G	43	5.613G	44	5.553G
45	5.465G	46	5.716G	47	5.329G	48	5.356G
49	5.320G	50	5.391G	51	5.255G	52	5.276G
53	5.324G	54	5.271G	55	5.500G	56	5.646G
57	5.404G	58	5.265G	59	5.671G	60	5.616G
61	5.371G	62	5.606G	63	5.477G	64	5.467G
65	5.561G	66	5.359G	67	5.603G	68	5.407G
69	5.426G	70	5.715G	71	5.663G	72	5.680G
73	5.463G	74	5.274G	75	5.567G	76	5.721G
77	5.678G	78	5.657G	79	5.443G	80	5.338G
81	5.293G	82	5.325G	83	5.724G	84	5.402G
85	5.581G	86	5.478G	87	5.507G	88	5.669G
89	5.409G	90	5.495G	91	5.627G	92	5.519G
93	5.508G	94	5.322G	95	5.373G	96	5.382G
97	5.530G	98	5.589G	99	5.587G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.295G	2	5.251G	3	5.536G	4	5.257G
5	5.694G	6	5.615G	7	5.373G	8	5.529G
9	5.255G	10	5.542G	11	5.604G	12	5.280G
13	5.288G	14	5.479G	15	5.706G	16	5.600G
17	5.420G	18	5.640G	19	5.256G	20	5.260G
21	5.605G	22	5.349G	23	5.466G	24	5.576G
25	5.310G	26	5.696G	27	5.658G	28	5.284G
29	5.286G	30	5.651G	31	5.324G	32	5.570G
33	5.627G	34	5.610G	35	5.541G	36	5.505G
37	5.527G	38	5.481G	39	5.270G	40	5.301G
41	5.667G	42	5.516G	43	5.409G	44	5.299G
45	5.348G	46	5.482G	47	5.617G	48	5.586G
49	5.442G	50	5.297G	51	5.470G	52	5.296G
53	5.417G	54	5.282G	55	5.671G	56	5.676G
57	5.506G	58	5.421G	59	5.438G	60	5.345G
61	5.402G	62	5.350G	63	5.483G	64	5.577G
65	5.573G	66	5.537G	67	5.635G	68	5.426G
69	5.278G	70	5.303G	71	5.276G	72	5.591G
73	5.686G	74	5.568G	75	5.559G	76	5.712G
77	5.621G	78	5.414G	79	5.669G	80	5.398G
81	5.630G	82	5.521G	83	5.662G	84	5.619G
85	5.262G	86	5.578G	87	5.335G	88	5.401G
89	5.645G	90	5.312G	91	5.546G	92	5.292G
93	5.654G	94	5.663G	95	5.557G	96	5.628G
97	5.504G	98	5.305G	99	5.632G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.471G	2	5.508G	3	5.494G	4	5.442G
5	5.648G	6	5.621G	7	5.433G	8	5.405G
9	5.339G	10	5.302G	11	5.546G	12	5.502G
13	5.268G	14	5.607G	15	5.673G	16	5.406G
17	5.669G	18	5.307G	19	5.453G	20	5.670G
21	5.274G	22	5.570G	23	5.636G	24	5.484G
25	5.599G	26	5.458G	27	5.294G	28	5.595G
29	5.308G	30	5.606G	31	5.556G	32	5.402G
33	5.392G	34	5.626G	35	5.603G	36	5.416G
37	5.645G	38	5.709G	39	5.665G	40	5.407G
41	5.290G	42	5.298G	43	5.628G	44	5.314G
45	5.363G	46	5.366G	47	5.557G	48	5.321G
49	5.722G	50	5.525G	51	5.351G	52	5.390G
53	5.309G	54	5.614G	55	5.464G	56	5.281G
57	5.639G	58	5.293G	59	5.424G	60	5.413G
61	5.332G	62	5.478G	63	5.305G	64	5.398G
65	5.619G	66	5.507G	67	5.642G	68	5.299G
69	5.488G	70	5.480G	71	5.396G	72	5.682G
73	5.450G	74	5.592G	75	5.403G	76	5.374G
77	5.538G	78	5.287G	79	5.282G	80	5.537G
81	5.710G	82	5.641G	83	5.615G	84	5.358G
85	5.613G	86	5.438G	87	5.346G	88	5.386G
89	5.680G	90	5.255G	91	5.486G	92	5.379G
93	5.304G	94	5.320G	95	5.446G	96	5.720G
97	5.503G	98	5.690G	99	5.269G	100	5.306G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.545G	2	5.281G	3	5.677G	4	5.635G
5	5.287G	6	5.663G	7	5.632G	8	5.290G
9	5.395G	10	5.614G	11	5.260G	12	5.396G
13	5.646G	14	5.538G	15	5.390G	16	5.611G
17	5.402G	18	5.647G	19	5.561G	20	5.397G
21	5.373G	22	5.444G	23	5.315G	24	5.300G
25	5.501G	26	5.407G	27	5.670G	28	5.514G
29	5.448G	30	5.343G	31	5.294G	32	5.382G
33	5.580G	34	5.606G	35	5.261G	36	5.329G
37	5.334G	38	5.527G	39	5.480G	40	5.666G
41	5.276G	42	5.422G	43	5.301G	44	5.639G
45	5.661G	46	5.684G	47	5.616G	48	5.369G
49	5.385G	50	5.317G	51	5.590G	52	5.253G
53	5.689G	54	5.375G	55	5.714G	56	5.693G
57	5.496G	58	5.596G	59	5.583G	60	5.529G
61	5.340G	62	5.477G	63	5.723G	64	5.656G
65	5.252G	66	5.662G	67	5.629G	68	5.622G
69	5.335G	70	5.592G	71	5.360G	72	5.333G
73	5.391G	74	5.603G	75	5.374G	76	5.665G
77	5.420G	78	5.681G	79	5.674G	80	5.368G
81	5.324G	82	5.312G	83	5.468G	84	5.319G
85	5.559G	86	5.518G	87	5.367G	88	5.275G
89	5.709G	90	5.262G	91	5.692G	92	5.582G
93	5.584G	94	5.473G	95	5.282G	96	5.331G
97	5.298G	98	5.565G	99	5.470G	100	5.626G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.475G	2	5.337G	3	5.544G	4	5.723G
5	5.509G	6	5.506G	7	5.328G	8	5.327G
9	5.260G	10	5.716G	11	5.542G	12	5.256G
13	5.441G	14	5.349G	15	5.634G	16	5.680G
17	5.545G	18	5.661G	19	5.469G	20	5.704G
21	5.478G	22	5.446G	23	5.393G	24	5.521G
25	5.400G	26	5.306G	27	5.295G	28	5.280G
29	5.367G	30	5.557G	31	5.681G	32	5.471G
33	5.573G	34	5.637G	35	5.554G	36	5.444G
37	5.292G	38	5.552G	39	5.413G	40	5.588G
41	5.252G	42	5.447G	43	5.496G	44	5.582G
45	5.502G	46	5.373G	47	5.311G	48	5.415G
49	5.354G	50	5.412G	51	5.418G	52	5.685G
53	5.267G	54	5.483G	55	5.334G	56	5.626G
57	5.368G	58	5.600G	59	5.307G	60	5.498G
61	5.428G	62	5.341G	63	5.693G	64	5.569G
65	5.495G	66	5.647G	67	5.266G	68	5.481G
69	5.624G	70	5.477G	71	5.399G	72	5.422G
73	5.452G	74	5.689G	75	5.282G	76	5.296G
77	5.344G	78	5.333G	79	5.301G	80	5.595G
81	5.503G	82	5.501G	83	5.277G	84	5.358G
85	5.253G	86	5.419G	87	5.593G	88	5.456G
89	5.673G	90	5.629G	91	5.656G	92	5.671G
93	5.375G	94	5.650G	95	5.459G	96	5.678G
97	5.635G	98	5.615G	99	5.434G	100	5.575G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.289G	2	5.560G	3	5.603G	4	5.697G
5	5.449G	6	5.529G	7	5.462G	8	5.262G
9	5.570G	10	5.701G	11	5.340G	12	5.274G
13	5.651G	14	5.673G	15	5.536G	16	5.712G
17	5.411G	18	5.566G	19	5.686G	20	5.376G
21	5.717G	22	5.531G	23	5.692G	24	5.295G
25	5.611G	26	5.719G	27	5.661G	28	5.667G
29	5.311G	30	5.470G	31	5.287G	32	5.561G
33	5.316G	34	5.517G	35	5.286G	36	5.604G
37	5.556G	38	5.398G	39	5.446G	40	5.350G
41	5.282G	42	5.380G	43	5.549G	44	5.480G
45	5.522G	46	5.408G	47	5.623G	48	5.416G
49	5.263G	50	5.352G	51	5.621G	52	5.674G
53	5.714G	54	5.644G	55	5.665G	56	5.412G
57	5.305G	58	5.315G	59	5.710G	60	5.251G
61	5.471G	62	5.302G	63	5.357G	64	5.575G
65	5.432G	66	5.630G	67	5.456G	68	5.720G
69	5.707G	70	5.513G	71	5.303G	72	5.330G
73	5.482G	74	5.296G	75	5.595G	76	5.457G
77	5.297G	78	5.371G	79	5.632G	80	5.643G
81	5.540G	82	5.687G	83	5.310G	84	5.684G
85	5.721G	86	5.658G	87	5.465G	88	5.341G
89	5.553G	90	5.506G	91	5.563G	92	5.463G
93	5.691G	94	5.417G	95	5.481G	96	5.472G
97	5.581G	98	5.500G	99	5.304G	100	5.568G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.388G	2	5.252G	3	5.315G	4	5.290G
5	5.590G	6	5.638G	7	5.636G	8	5.550G
9	5.335G	10	5.642G	11	5.254G	12	5.566G
13	5.549G	14	5.640G	15	5.279G	16	5.499G
17	5.649G	18	5.267G	19	5.491G	20	5.587G
21	5.712G	22	5.309G	23	5.393G	24	5.260G
25	5.416G	26	5.271G	27	5.293G	28	5.366G
29	5.596G	30	5.446G	31	5.594G	32	5.624G
33	5.438G	34	5.343G	35	5.319G	36	5.313G
37	5.310G	38	5.341G	39	5.650G	40	5.263G
41	5.560G	42	5.403G	43	5.580G	44	5.508G
45	5.265G	46	5.272G	47	5.684G	48	5.479G
49	5.456G	50	5.701G	51	5.277G	52	5.620G
53	5.588G	54	5.289G	55	5.258G	56	5.611G
57	5.327G	58	5.300G	59	5.405G	60	5.564G
61	5.628G	62	5.409G	63	5.670G	64	5.255G
65	5.529G	66	5.497G	67	5.326G	68	5.496G
69	5.711G	70	5.717G	71	5.357G	72	5.724G
73	5.526G	74	5.618G	75	5.274G	76	5.441G
77	5.678G	78	5.544G	79	5.614G	80	5.418G
81	5.386G	82	5.721G	83	5.668G	84	5.379G
85	5.463G	86	5.396G	87	5.664G	88	5.353G
89	5.703G	90	5.298G	91	5.644G	92	5.307G
93	5.509G	94	5.553G	95	5.681G	96	5.589G
97	5.513G	98	5.547G	99	5.527G	100	5.295G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.351G	2	5.612G	3	5.484G	4	5.268G
5	5.493G	6	5.636G	7	5.631G	8	5.693G
9	5.284G	10	5.413G	11	5.451G	12	5.706G
13	5.580G	14	5.382G	15	5.683G	16	5.344G
17	5.712G	18	5.288G	19	5.355G	20	5.361G
21	5.460G	22	5.305G	23	5.584G	24	5.594G
25	5.336G	26	5.358G	27	5.633G	28	5.335G
29	5.696G	30	5.386G	31	5.267G	32	5.517G
33	5.289G	34	5.489G	35	5.313G	36	5.568G
37	5.271G	38	5.514G	39	5.605G	40	5.511G
41	5.473G	42	5.270G	43	5.446G	44	5.626G
45	5.596G	46	5.378G	47	5.718G	48	5.582G
49	5.505G	50	5.297G	51	5.573G	52	5.672G
53	5.603G	54	5.639G	55	5.640G	56	5.346G
57	5.688G	58	5.678G	59	5.258G	60	5.657G
61	5.668G	62	5.512G	63	5.450G	64	5.254G
65	5.327G	66	5.308G	67	5.320G	68	5.434G
69	5.454G	70	5.495G	71	5.326G	72	5.457G
73	5.458G	74	5.577G	75	5.667G	76	5.622G
77	5.647G	78	5.274G	79	5.364G	80	5.628G
81	5.585G	82	5.620G	83	5.250G	84	5.609G
85	5.474G	86	5.420G	87	5.390G	88	5.638G
89	5.311G	90	5.463G	91	5.713G	92	5.412G
93	5.499G	94	5.306G	95	5.348G	96	5.279G
97	5.572G	98	5.559G	99	5.275G	100	5.680G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.673G	2	5.315G	3	5.496G	4	5.668G
5	5.371G	6	5.565G	7	5.279G	8	5.577G
9	5.487G	10	5.664G	11	5.641G	12	5.649G
13	5.386G	14	5.545G	15	5.687G	16	5.393G
17	5.455G	18	5.467G	19	5.480G	20	5.642G
21	5.362G	22	5.602G	23	5.704G	24	5.499G
25	5.260G	26	5.591G	27	5.357G	28	5.605G
29	5.459G	30	5.403G	31	5.328G	32	5.586G
33	5.651G	34	5.520G	35	5.684G	36	5.384G
37	5.677G	38	5.601G	39	5.259G	40	5.251G
41	5.502G	42	5.432G	43	5.346G	44	5.648G
45	5.353G	46	5.612G	47	5.283G	48	5.718G
49	5.321G	50	5.349G	51	5.369G	52	5.627G
53	5.524G	54	5.708G	55	5.381G	56	5.274G
57	5.544G	58	5.409G	59	5.611G	60	5.380G
61	5.580G	62	5.498G	63	5.468G	64	5.257G
65	5.584G	66	5.266G	67	5.509G	68	5.629G
69	5.305G	70	5.324G	71	5.395G	72	5.676G
73	5.533G	74	5.688G	75	5.449G	76	5.388G
77	5.703G	78	5.603G	79	5.262G	80	5.686G
81	5.394G	82	5.661G	83	5.450G	84	5.342G
85	5.355G	86	5.483G	87	5.540G	88	5.538G
89	5.401G	90	5.276G	91	5.526G	92	5.400G
93	5.457G	94	5.654G	95	5.559G	96	5.377G
97	5.513G	98	5.678G	99	5.549G	100	5.301G

IEEE 802.11ac 80MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	102	1.0u	518.0u	Yes
2	95	1.0u	558.0u	Yes
3	86	1.0u	618.0u	Yes
4	78	1.0u	678.0u	Yes
5	74	1.0u	718.0u	Yes
6	68	1.0u	778.0u	Yes
7	65	1.0u	818.0u	Yes
8	62	1.0u	858.0u	Yes
9	59	1.0u	898.0u	Yes
10	57	1.0u	938.0u	Yes
11	18	1.0u	3.066m	Yes
12	63	1.0u	838.0u	Yes
13	70	1.0u	758.0u	Yes
14	76	1.0u	698.0u	Yes
15	86	1.0u	618.0u	Yes
16	98	1.0u	539.0u	Yes
17	46	1.0u	1.152m	Yes
18	39	1.0u	1.365m	Yes
19	34	1.0u	1.577m	Yes
20	91	1.0u	583.0u	Yes
21	30	1.0u	1.790m	Yes
22	27	1.0u	2.002m	Yes
23	77	1.0u	687.0u	Yes
24	24	1.0u	2.215m	Yes
25	22	1.0u	2.428m	Yes
26	90	1.0u	591.0u	Yes
27	20	1.0u	2.640m	Yes
28	19	1.0u	2.853m	Yes
29	86	1.0u	615.0u	Yes
30	18	1.0u	3.065m	Yes
				Detection Rate: 100.0 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	4.6u	200.0u	Yes
2	27	2.8u	200.0u	Yes
3	27	1.7u	161.0u	Yes
4	28	2.6u	220.0u	Yes
5	27	2.6u	218.0u	Yes
6	27	1.7u	172.0u	Yes
7	26	1.6u	191.0u	Yes
8	25	3.7u	158.0u	Yes
9	28	1.5u	228.0u	Yes
10	26	4.9u	198.0u	Yes
11	28	1.3u	205.0u	Yes
12	29	2.6u	155.0u	Yes
13	28	4.9u	224.0u	Yes
14	24	2.9u	169.0u	Yes
15	28	4.1u	183.0u	Yes
16	27	1.7u	192.0u	Yes
17	24	2.6u	191.0u	Yes
18	27	4.6u	173.0u	Yes
19	28	3.4u	187.0u	Yes
20	27	4.3u	214.0u	Yes
21	29	1.2u	179.0u	Yes
22	25	1.1u	154.0u	Yes
23	25	4.1u	159.0u	Yes
24	28	2.9u	158.0u	Yes
25	25	2.8u	215.0u	Yes
26	27	4.0u	196.0u	Yes
27	27	4.5u	215.0u	Yes
28	27	2.9u	180.0u	Yes
29	27	1.5u	177.0u	Yes
30	28	1.6u	186.0u	Yes
Detection Rate: 100.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.6u	218.0u	Yes
2	18	8.4u	494.0u	Yes
3	17	8.7u	375.0u	Yes
4	18	7.0u	379.0u	Yes
5	17	8.9u	401.0u	Yes
6	17	8.3u	348.0u	Yes
7	16	6.2u	454.0u	Yes
8	18	9.2u	299.0u	Yes
9	16	9.6u	347.0u	Yes
10	16	7.0u	293.0u	Yes
11	17	9.7u	434.0u	Yes
12	16	9.5u	405.0u	Yes
13	17	9.0u	459.0u	Yes
14	18	6.2u	349.0u	Yes
15	17	7.9u	225.0u	Yes
16	18	8.0u	384.0u	Yes
17	17	6.5u	220.0u	Yes
18	16	8.4u	225.0u	Yes
19	17	6.1u	210.0u	Yes
20	16	6.0u	260.0u	Yes
21	18	9.1u	470.0u	Yes
22	16	7.1u	474.0u	Yes
23	18	9.1u	433.0u	Yes
24	18	9.1u	296.0u	Yes
25	16	8.5u	368.0u	Yes
26	16	6.4u	315.0u	Yes
27	17	6.9u	204.0u	Yes
28	18	6.8u	309.0u	Yes
29	17	9.2u	351.0u	Yes
30	17	9.0u	201.0u	Yes
				Detection Rate: 100.0 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	14.3u	312.0u	Yes
2	13	18.3u	368.0u	Yes
3	13	18.4u	392.0u	Yes
4	16	14.9u	457.0u	Yes
5	13	15.9u	337.0u	Yes
6	14	13.7u	413.0u	Yes
7	13	13.6u	263.0u	Yes
8	14	11.2u	484.0u	Yes
9	12	11.6u	341.0u	Yes
10	14	18.2u	448.0u	Yes
11	14	14.2u	423.0u	Yes
12	14	12.4u	470.0u	Yes
13	13	18.0u	336.0u	Yes
14	15	17.8u	213.0u	Yes
15	14	11.8u	297.0u	Yes
16	15	16.6u	436.0u	Yes
17	15	16.8u	298.0u	Yes
18	13	14.9u	459.0u	Yes
19	14	19.5u	286.0u	Yes
20	16	18.4u	462.0u	Yes
21	15	19.0u	314.0u	Yes
22	15	16.2u	284.0u	Yes
23	13	16.9u	396.0u	No
24	15	14.9u	202.0u	Yes
25	14	17.8u	492.0u	Yes
26	12	14.2u	451.0u	Yes
27	12	18.2u	350.0u	Yes
28	15	14.7u	204.0u	No
29	12	16.6u	418.0u	Yes
30	13	14.1u	218.0u	Yes
				Detection Rate: 93.3 %

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	No
2	LP_Signal_02	No
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 93.3 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.1u	1.706m	-	633.4m
2	2	19M	86.6u	1.265m	-	29.01m
3	2	19M	83.7u	1.208m	-	173.0m
4	2	16M	73.4u	1.102m	-	727.5m
5	3	10M	69.8u	1.589m	1.187m	272.9m
6	3	18M	78.9u	1.778m	923.1u	491.3m
7	1	12M	50.7u	-	-	179.1m
8	3	15M	75.2u	1.329m	1.086m	546.7m
9	2	15M	67.1u	1.104m	-	439.4m
10	2	5M	83.8u	1.674m	-	329.1m
11	2	17M	81.3u	1.875m	-	522.5m
12	2	15M	76.3u	1.289m	-	615.4m
13	1	19M	63.2u	-	-	449.1m
14	2	20M	69.7u	1.822m	-	536.3m
15	2	18M	66.5u	1.262m	-	72.80m
16	1	18M	67.4u	-	-	561.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
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	7M	73.1u	1.383m	-	495.3m
2	2	16M	96.5u	1.663m	-	441.1m
3	2	18M	54.4u	1.709m	-	417.2m
4	2	12M	88.0u	1.229m	-	481.5m
5	2	15M	70.0u	1.416m	-	595.1m
6	2	13M	81.9u	1.453m	-	408.8m
7	2	14M	98.3u	1.230m	-	59.31m
8	1	13M	74.9u	-	-	561.2m
9	2	7M	89.2u	1.110m	-	346.0m
10	1	6M	74.0u	-	-	307.3m
11	3	11M	52.8u	1.096m	1.240m	493.6m
12	3	19M	67.3u	1.285m	1.492m	415.9m
13	1	20M	61.2u	-	-	152.9m
14	1	10M	50.3u	-	-	135.2m
15	2	16M	90.0u	1.862m	-	38.81m
16	3	10M	60.1u	1.690m	1.236m	312.1m
17	2	19M	68.5u	1.740m	-	302.8m
18	2	10M	52.4u	1.853m	-	399.8m
19	2	9M	54.4u	1.379m	-	419.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	77.4u	1.614m	1.917m	342.6m
2	2	6M	72.3u	1.664m	-	753.6m
3	1	20M	63.2u	-	-	145.3m
4	2	6M	70.7u	1.412m	-	35.96m
5	2	17M	62.8u	1.509m	-	132.7m
6	2	9M	81.6u	1.701m	-	375.0m
7	1	5M	56.4u	-	-	118.5m
8	2	6M	71.6u	1.447m	-	70.15m
9	1	16M	51.1u	-	-	330.9m
10	2	15M	93.4u	1.644m	-	521.0m
11	2	12M	64.4u	1.329m	-	335.3m
12	2	17M	59.6u	946.4u	-	562.3m
13	2	6M	80.1u	1.003m	-	289.9m
14	2	18M	82.5u	1.201m	-	639.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
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	7M	56.4u	-	-	558.3m
2	2	16M	99.6u	1.771m	-	296.2m
3	1	17M	71.0u	-	-	232.3m
4	2	10M	77.9u	935.1u	-	278.7m
5	2	8M	64.0u	1.132m	-	518.5m
6	2	11M	72.6u	1.479m	-	68.28m
7	3	12M	97.6u	1.294m	1.022m	522.7m
8	3	16M	52.8u	1.198m	1.493m	308.5m
9	2	12M	61.6u	1.570m	-	391.7m
10	2	13M	99.1u	1.058m	-	267.0m
11	1	7M	78.0u	-	-	156.1m
12	2	15M	64.7u	1.836m	-	516.6m
13	2	17M	97.1u	1.666m	-	32.94m
14	3	17M	71.2u	969.8u	1.406m	441.2m
15	3	19M	77.2u	1.527m	1.198m	347.3m
16	2	14M	74.9u	1.150m	-	353.8m
17	2	18M	66.3u	1.724m	-	530.9m
18	2	14M	51.8u	1.374m	-	102.1m
19	2	16M	97.0u	1.734m	-	362.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
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	15M	80.9u	1.555m	-	736.6m
2	1	8M	86.8u	-	-	887.7m
3	3	19M	51.5u	998.5u	1.798m	1.164
4	1	10M	76.9u	-	-	1.048
5	2	12M	77.8u	1.196m	-	1.134
6	2	17M	99.2u	1.489m	-	614.5m
7	2	14M	51.4u	1.147m	-	444.6m
8	2	14M	76.6u	1.055m	-	222.7m
9	2	7M	64.5u	1.913m	-	1.034
10	2	14M	64.4u	1.427m	-	657.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	70.3u	1.340m	-	605.8m
2	1	12M	72.2u	-	-	594.0m
3	1	14M	97.1u	-	-	27.52m
4	2	18M	55.1u	1.732m	-	660.8m
5	3	10M	82.4u	1.830m	1.733m	74.47m
6	2	18M	59.9u	1.904m	-	451.4m
7	1	8M	76.6u	-	-	514.5m
8	1	13M	83.8u	-	-	417.3m
9	3	19M	81.3u	1.117m	1.440m	93.51m
10	2	12M	89.4u	1.207m	-	624.1m
11	2	17M	86.3u	1.548m	-	135.7m
12	2	19M	56.6u	1.463m	-	294.2m
13	3	18M	96.6u	1.813m	1.866m	500.8m
14	2	11M	67.4u	1.366m	-	325.1m
15	1	17M	94.7u	-	-	659.6m
16	2	12M	68.8u	996.2u	-	44.71m
17	2	12M	51.9u	1.069m	-	141.4m
18	3	6M	78.3u	1.398m	1.523m	327.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	94.0u	-	-	1.172
2	2	12M	61.4u	1.813m	-	239.4m
3	1	18M	81.0u	-	-	566.3m
4	2	17M	92.8u	1.025m	-	88.48m
5	2	17M	66.6u	1.718m	-	934.9m
6	2	8M	72.1u	1.323m	-	1.063
7	3	10M	63.0u	1.441m	1.857m	559.8m
8	2	11M	63.2u	1.520m	-	192.7m
9	2	10M	96.6u	1.211m	-	297.7m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	52.8u	1.473m	-	198.0m
2	1	10M	98.4u	-	-	854.6m
3	2	17M	81.3u	1.082m	-	655.3m
4	1	6M	99.6u	-	-	97.58m
5	2	9M	91.9u	1.046m	-	316.8m
6	2	11M	67.5u	1.840m	-	720.6m
7	1	5M	50.5u	-	-	210.9m
8	2	17M	86.4u	1.249m	-	647.7m
9	1	10M	72.5u	-	-	262.8m
10	3	10M	88.6u	1.012m	925.4u	498.2m
11	1	17M	70.1u	-	-	58.53m
12	3	13M	65.6u	1.035m	1.460m	792.3m
13	1	13M	70.2u	-	-	772.9m
14	1	6M	62.0u	-	-	225.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	60.0u	1.932m	1.188m	976.2m
2	3	10M	80.0u	1.884m	1.117m	681.4m
3	2	16M	56.3u	1.719m	-	427.8m
4	1	6M	88.3u	-	-	981.4m
5	1	20M	62.5u	-	-	115.8m
6	2	5M	95.9u	1.768m	-	52.65m
7	3	11M	68.9u	1.512m	1.881m	301.1m
8	2	12M	89.4u	1.297m	-	581.7m
9	3	6M	67.0u	1.532m	1.167m	527.1m
10	1	6M	95.6u	-	-	952.8m
11	2	15M	58.4u	1.332m	-	516.9m
12	3	19M	95.3u	1.837m	1.896m	65.45m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	77.0u	-	-	467.6m
2	1	18M	80.3u	-	-	818.5m
3	2	18M	51.6u	1.877m	-	65.48m
4	2	14M	94.3u	1.291m	-	461.3m
5	2	7M	58.3u	1.861m	-	331.1m
6	3	19M	93.6u	1.753m	1.339m	810.2m
7	3	9M	82.5u	1.766m	1.801m	665.6m
8	1	13M	64.7u	-	-	504.6m
9	2	17M	98.6u	1.589m	-	1.056
10	1	17M	94.5u	-	-	435.0m
11	2	13M	91.7u	915.3u	-	502.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
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	11M	66.5u	1.356m	-	53.39m
2	2	18M	67.9u	1.160m	-	521.1m
3	2	9M	73.8u	1.665m	-	615.9m
4	3	12M	93.4u	1.720m	1.445m	449.1m
5	3	10M	96.8u	1.448m	921.2u	450.6m
6	2	17M	81.1u	1.436m	-	453.1m
7	2	11M	55.5u	1.785m	-	491.6m
8	2	19M	94.7u	1.598m	-	115.7m
9	1	11M	95.1u	-	-	537.9m
10	2	15M	73.0u	1.916m	-	285.3m
11	3	9M	90.6u	1.095m	917.4u	202.3m
12	1	15M	91.0u	-	-	350.9m
13	2	7M	80.2u	1.527m	-	225.8m
14	3	11M	70.3u	963.7u	1.586m	676.1m
15	3	17M	96.3u	1.659m	936.7u	15.38m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_12
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	9M	54.4u	1.430m	-	664.4m
2	1	11M	70.3u	-	-	93.36m
3	2	15M	53.8u	1.549m	-	705.9m
4	1	19M	89.1u	-	-	737.9m
5	1	19M	78.1u	-	-	668.8m
6	1	17M	87.7u	-	-	49.92m
7	3	13M	74.5u	1.821m	1.395m	54.93m
8	1	5M	90.2u	-	-	697.7m
9	2	7M	65.2u	1.209m	-	199.5m
10	3	6M	64.3u	1.151m	1.895m	481.0m
11	2	16M	77.9u	1.130m	-	94.08m
12	1	20M	98.9u	-	-	245.6m
13	3	19M	92.4u	1.889m	918.6u	635.1m
14	3	15M	64.9u	1.890m	1.419m	655.7m
15	1	14M	56.3u	-	-	561.1m
16	1	19M	59.0u	-	-	161.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_13
Number of Bursts in Trial: 20

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	73.9u	1.119m	-	101.8m
2	2	15M	91.5u	1.534m	-	424.2m
3	3	19M	87.7u	1.721m	1.307m	525.9m
4	1	6M	94.9u	-	-	60.92m
5	3	20M	78.0u	1.024m	1.129m	421.7m
6	2	7M	88.0u	1.035m	-	62.16m
7	1	9M	56.2u	-	-	598.4m
8	3	18M	73.9u	932.1u	1.374m	44.11m
9	1	10M	97.2u	-	-	48.91m
10	2	6M	78.9u	1.240m	-	313.8m
11	3	7M	96.3u	964.7u	1.355m	255.7m
12	3	13M	68.5u	1.855m	1.277m	170.4m
13	1	15M	76.9u	-	-	208.1m
14	1	6M	57.2u	-	-	554.0m
15	1	7M	56.4u	-	-	516.0m
16	2	9M	81.0u	1.515m	-	480.4m
17	2	10M	63.3u	1.782m	-	407.6m
18	1	13M	93.4u	-	-	80.28m
19	2	13M	52.4u	1.651m	-	377.6m
20	3	10M	92.8u	1.473m	1.254m	117.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	51.2u	1.182m	-	1.084
2	2	16M	77.0u	1.572m	-	821.9m
3	1	8M	96.7u	-	-	323.4m
4	1	19M	94.0u	-	-	332.0m
5	2	7M	98.5u	1.762m	-	380.0m
6	2	17M	65.5u	1.819m	-	613.3m
7	1	13M	52.4u	-	-	639.9m
8	2	9M	63.2u	1.569m	-	384.5m
9	1	7M	51.1u	-	-	635.9m
10	2	6M	78.1u	1.197m	-	188.3m
11	2	9M	84.8u	1.366m	-	466.0m

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	1	8M	90.7u	-	-	315.2m
2	1	11M	93.9u	-	-	298.6m
3	3	12M	68.3u	1.217m	1.343m	173.0m
4	2	12M	51.7u	1.331m	-	408.7m
5	3	10M	67.0u	1.843m	1.753m	679.7m
6	2	17M	94.5u	909.5u	-	871.4m
7	3	19M	86.0u	1.694m	1.153m	1.162
8	3	17M	66.1u	1.309m	1.610m	969.2m
9	1	12M	90.0u	-	-	869.6m
10	2	5M	58.5u	1.328m	-	198.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_16
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	64.8u	1.598m	-	343.1m
2	2	8M	51.8u	1.502m	-	14.63m
3	2	16M	87.7u	1.814m	-	92.68m
4	1	17M	95.2u	-	-	127.0m
5	2	15M	67.1u	1.701m	-	432.5m
6	1	10M	94.1u	-	-	5.004m
7	2	8M	73.3u	1.373m	-	113.1m
8	2	13M	58.0u	1.202m	-	160.7m
9	2	20M	70.0u	1.922m	-	476.2m
10	2	7M	86.1u	1.120m	-	159.4m
11	3	15M	86.6u	1.514m	1.782m	443.5m
12	2	18M	55.6u	1.196m	-	292.3m
13	3	5M	91.2u	1.027m	1.290m	67.44m
14	1	9M	76.1u	-	-	33.23m
15	1	10M	59.0u	-	-	630.8m
16	2	7M	50.1u	1.092m	-	558.5m
17	2	16M	77.0u	1.129m	-	224.0m
18	2	10M	62.1u	1.508m	-	93.29m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_17
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	87.3u	-	-	1.023
2	2	6M	80.3u	1.615m	-	339.3m
3	2	8M	87.4u	1.662m	-	189.9m
4	3	19M	92.0u	1.003m	1.689m	230.4m
5	2	9M	57.4u	1.033m	-	656.2m
6	2	12M	59.8u	1.630m	-	679.6m
7	1	10M	68.2u	-	-	116.1m
8	3	10M	73.9u	1.516m	1.800m	1.042
9	2	17M	67.2u	1.650m	-	1.005
10	2	6M	80.1u	998.9u	-	380.6m
11	2	13M	94.1u	1.716m	-	237.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
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	13M	79.4u	1.841m	-	469.1m
2	2	6M	55.7u	1.813m	-	369.2m
3	2	8M	80.6u	1.405m	-	720.6m
4	2	16M	86.0u	916.0u	-	475.2m
5	2	18M	55.1u	1.291m	-	336.6m
6	2	10M	81.8u	1.835m	-	86.76m
7	1	19M	76.6u	-	-	68.14m
8	3	13M	99.4u	1.062m	1.753m	291.5m
9	2	8M	60.9u	1.647m	-	278.3m
10	2	16M	81.2u	1.487m	-	46.20m
11	3	11M	60.1u	1.690m	1.442m	184.9m
12	3	7M	61.3u	1.604m	1.882m	489.2m
13	3	19M	94.6u	1.000m	1.602m	648.4m
14	2	6M	65.4u	1.304m	-	134.5m
15	1	14M	76.4u	-	-	189.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	96.1u	1.861m	1.786m	194.1m
2	1	8M	55.4u	-	-	56.81m
3	2	6M	94.3u	1.341m	-	504.7m
4	2	13M	68.3u	1.794m	-	50.09m
5	2	6M	56.8u	1.135m	-	468.8m
6	1	6M	84.4u	-	-	174.3m
7	2	6M	72.4u	1.854m	-	629.1m
8	3	7M	90.6u	1.174m	1.392m	325.9m
9	2	12M	66.8u	1.819m	-	394.9m
10	2	12M	91.1u	1.582m	-	451.7m
11	3	13M	91.8u	1.504m	1.649m	263.4m
12	3	14M	54.3u	1.486m	1.430m	470.4m
13	3	20M	50.6u	1.692m	1.295m	562.6m
14	2	17M	77.7u	1.034m	-	630.4m
15	1	8M	99.4u	-	-	470.6m
16	1	18M	50.1u	-	-	687.6m
17	3	11M	62.8u	1.820m	1.145m	369.7m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	89.3u	1.058m	1.831m	421.7m
2	2	10M	83.9u	928.1u	-	217.5m
3	3	11M	76.0u	1.701m	1.612m	446.8m
4	2	12M	90.2u	1.674m	-	596.8m
5	1	16M	51.0u	-	-	325.8m
6	1	9M	52.5u	-	-	417.6m
7	3	12M	95.1u	1.447m	1.745m	569.2m
8	2	10M	71.7u	975.3u	-	596.8m
9	2	15M	66.8u	1.702m	-	162.6m
10	3	17M	91.8u	1.088m	1.289m	676.7m
11	2	18M	74.2u	1.696m	-	359.3m
12	1	12M	67.8u	-	-	383.9m
13	3	16M	87.6u	992.4u	1.706m	72.56m
14	2	17M	50.1u	967.9u	-	543.8m
15	3	14M	81.5u	1.515m	1.880m	352.0m
16	1	9M	76.6u	-	-	136.7m
17	2	14M	69.5u	1.763m	-	632.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	99.7u	920.3u	-	86.60m
2	3	18M	52.9u	1.086m	1.162m	307.8m
3	1	15M	93.4u	-	-	381.4m
4	2	16M	66.6u	1.469m	-	17.24m
5	2	9M	59.8u	1.201m	-	12.65m
6	1	14M	73.5u	-	-	870.5m
7	2	10M	94.2u	1.123m	-	42.55m
8	2	14M	57.7u	1.830m	-	550.3m
9	2	13M	79.2u	1.354m	-	411.7m
10	3	8M	69.0u	997.0u	1.435m	453.9m
11	1	19M	87.7u	-	-	180.4m
12	1	11M	86.6u	-	-	878.0m
13	3	12M	77.8u	1.017m	1.251m	766.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_22
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.9u	1.446m	-	476.0m
2	2	6M	50.3u	1.732m	-	542.2m
3	1	14M	53.0u	-	-	504.5m
4	2	9M	75.4u	1.454m	-	1.035
5	2	14M	60.6u	992.4u	-	731.7m
6	3	18M	64.0u	1.914m	1.691m	801.7m
7	3	13M	75.7u	1.885m	1.608m	737.4m
8	2	20M	78.9u	1.169m	-	62.91m
9	3	17M	81.8u	943.2u	1.342m	1.306

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_23
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	89.1u	966.9u	1.505m	438.7m
2	1	8M	94.3u	-	-	486.4m
3	2	13M	93.0u	1.414m	-	301.7m
4	2	11M	72.0u	1.314m	-	238.4m
5	2	17M	87.8u	1.623m	-	299.6m
6	2	16M	71.7u	1.869m	-	522.5m
7	3	15M	95.9u	1.087m	1.579m	42.20m
8	3	7M	62.8u	1.206m	967.2u	138.4m
9	1	14M	56.9u	-	-	122.8m
10	2	7M	70.5u	1.692m	-	456.8m
11	3	20M	86.0u	1.515m	1.485m	211.4m
12	2	16M	89.5u	1.004m	-	265.8m
13	3	9M	56.5u	1.065m	1.739m	253.8m
14	2	7M	64.5u	979.5u	-	9.909m
15	2	11M	73.3u	1.700m	-	113.6m
16	3	20M	58.2u	1.007m	1.790m	127.1m
17	2	20M	54.2u	1.889m	-	448.0m
18	2	14M	68.8u	1.360m	-	608.1m
19	3	17M	57.0u	1.937m	994.0u	233.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	94.6u	1.268m	-	523.9m
2	1	12M	97.8u	-	-	104.6m
3	1	16M	83.0u	-	-	636.9m
4	2	5M	99.9u	1.829m	-	313.6m
5	2	10M	95.1u	1.023m	-	726.0m
6	2	15M	52.2u	1.097m	-	451.1m
7	2	17M	96.5u	947.5u	-	725.1m
8	3	7M	57.5u	1.839m	1.002m	306.8m
9	2	15M	74.5u	1.355m	-	458.1m
10	1	8M	77.7u	-	-	405.0m
11	2	12M	67.0u	1.875m	-	253.3m
12	3	13M	70.3u	1.828m	1.769m	574.9m
13	3	15M	80.7u	1.376m	1.639m	573.9m
14	3	18M	70.5u	1.868m	1.722m	299.5m
15	2	10M	95.3u	1.555m	-	307.8m
16	2	12M	77.3u	1.381m	-	225.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	95.0u	1.018m	1.019m	229.9m
2	2	6M	86.5u	1.215m	-	348.2m
3	1	6M	78.6u	-	-	519.7m
4	1	17M	87.1u	-	-	468.9m
5	2	6M	50.6u	1.848m	-	19.81m
6	1	18M	93.3u	-	-	470.0m
7	2	8M	67.2u	1.374m	-	186.9m
8	3	18M	61.0u	1.520m	1.595m	173.8m
9	3	20M	63.6u	1.250m	1.784m	550.6m
10	3	9M	51.1u	949.9u	1.486m	180.0m
11	2	11M	56.8u	1.803m	-	324.5m
12	3	19M	77.6u	1.269m	962.4u	395.7m
13	2	7M	89.6u	984.4u	-	593.9m
14	1	6M	66.6u	-	-	159.7m
15	2	9M	73.4u	1.909m	-	52.42m
16	2	9M	54.6u	1.828m	-	56.08m
17	2	13M	58.6u	1.104m	-	176.9m
18	1	20M	72.4u	-	-	169.4m
19	2	8M	62.6u	1.046m	-	339.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	75.6u	1.794m	-	12.48m
2	2	18M	92.5u	1.378m	-	737.1m
3	1	7M	58.1u	-	-	853.5m
4	2	13M	56.9u	1.090m	-	836.9m
5	1	6M	91.2u	-	-	344.9m
6	3	9M	80.8u	1.354m	1.472m	509.4m
7	2	19M	62.6u	1.618m	-	219.4m
8	2	6M	68.1u	1.446m	-	590.0m
9	2	9M	93.9u	1.085m	-	32.98m
10	1	7M	99.7u	-	-	698.6m
11	2	16M	69.3u	1.247m	-	269.3m
12	3	19M	63.8u	1.698m	1.670m	821.3m
13	2	7M	92.4u	1.835m	-	811.2m

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	2	17M	99.0u	1.611m	-	688.2m
2	2	7M	86.0u	1.366m	-	62.34m
3	1	18M	76.8u	-	-	742.7m
4	1	12M	53.3u	-	-	702.9m
5	2	10M	61.3u	1.056m	-	963.1m
6	2	12M	92.1u	1.264m	-	523.9m
7	2	13M	71.9u	1.648m	-	228.1m
8	2	14M	50.9u	1.543m	-	132.5m
9	2	19M	82.8u	1.272m	-	404.6m
10	2	12M	54.3u	1.944m	-	608.1m
11	3	13M	83.8u	1.452m	1.636m	826.1m
12	2	15M	56.3u	1.499m	-	623.9m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	68.8u	1.927m	-	1.385
2	1	19M	52.8u	-	-	580.2m
3	2	14M	57.0u	1.516m	-	986.0m
4	2	7M	66.1u	1.743m	-	467.6m
5	2	19M	57.5u	1.188m	-	1.044
6	3	19M	83.3u	928.7u	1.582m	842.1m
7	2	17M	72.0u	1.153m	-	1.214
8	3	5M	77.7u	1.249m	1.125m	723.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	86.2u	-	-	13.85m
2	1	11M	86.6u	-	-	636.0m
3	1	9M	62.4u	-	-	264.7m
4	3	16M	96.9u	1.068m	1.642m	225.8m
5	2	16M	82.4u	1.474m	-	228.9m
6	1	9M	77.8u	-	-	113.5m
7	1	12M	68.0u	-	-	451.6m
8	2	5M	92.6u	1.650m	-	780.2m
9	1	18M	84.5u	-	-	367.4m
10	2	13M	98.1u	1.592m	-	865.2m
11	2	6M	89.6u	1.833m	-	563.1m
12	2	17M	66.1u	994.9u	-	912.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	58.7u	1.625m	1.220m	521.4m
2	2	17M	76.1u	1.396m	-	610.0m
3	1	8M	86.3u	-	-	489.5m
4	3	19M	70.9u	1.508m	1.758m	325.5m
5	2	8M	70.0u	1.274m	-	705.7m
6	2	19M	75.9u	1.809m	-	247.5m
7	1	17M	81.2u	-	-	747.4m
8	2	8M	54.1u	1.498m	-	526.3m
9	3	17M	71.6u	1.521m	1.814m	636.4m
10	2	13M	97.7u	1.237m	-	220.0m
11	1	19M	87.0u	-	-	186.7m
12	2	7M	76.8u	1.736m	-	591.9m
13	2	20M	51.4u	1.174m	-	32.57m
14	1	7M	53.0u	-	-	516.1m

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.511G	2	5.288G	3	5.370G	4	5.514G
5	5.473G	6	5.300G	7	5.619G	8	5.419G
9	5.537G	10	5.682G	11	5.533G	12	5.673G
13	5.610G	14	5.397G	15	5.523G	16	5.299G
17	5.628G	18	5.460G	19	5.384G	20	5.454G
21	5.648G	22	5.276G	23	5.422G	24	5.309G
25	5.453G	26	5.614G	27	5.665G	28	5.576G
29	5.703G	30	5.303G	31	5.343G	32	5.540G
33	5.583G	34	5.428G	35	5.459G	36	5.719G
37	5.501G	38	5.516G	39	5.564G	40	5.551G
41	5.293G	42	5.331G	43	5.671G	44	5.494G
45	5.396G	46	5.327G	47	5.503G	48	5.393G
49	5.623G	50	5.697G	51	5.469G	52	5.717G
53	5.681G	54	5.314G	55	5.418G	56	5.479G
57	5.539G	58	5.264G	59	5.696G	60	5.689G
61	5.556G	62	5.557G	63	5.492G	64	5.586G
65	5.364G	66	5.611G	67	5.326G	68	5.677G
69	5.517G	70	5.680G	71	5.506G	72	5.430G
73	5.441G	74	5.346G	75	5.642G	76	5.627G
77	5.270G	78	5.562G	79	5.534G	80	5.712G
81	5.561G	82	5.698G	83	5.467G	84	5.700G
85	5.423G	86	5.647G	87	5.261G	88	5.667G
89	5.380G	90	5.352G	91	5.566G	92	5.294G
93	5.257G	94	5.597G	95	5.350G	96	5.521G
97	5.702G	98	5.443G	99	5.365G	100	5.395G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.474G	3	5.255G	4	5.520G
5	5.454G	6	5.332G	7	5.467G	8	5.567G
9	5.329G	10	5.504G	11	5.569G	12	5.553G
13	5.296G	14	5.625G	15	5.680G	16	5.328G
17	5.564G	18	5.581G	19	5.600G	20	5.638G
21	5.591G	22	5.547G	23	5.423G	24	5.434G
25	5.666G	26	5.512G	27	5.714G	28	5.445G
29	5.487G	30	5.400G	31	5.437G	32	5.301G
33	5.363G	34	5.611G	35	5.344G	36	5.663G
37	5.339G	38	5.494G	39	5.426G	40	5.482G
41	5.272G	42	5.721G	43	5.410G	44	5.523G
45	5.452G	46	5.552G	47	5.635G	48	5.710G
49	5.628G	50	5.660G	51	5.536G	52	5.605G
53	5.596G	54	5.473G	55	5.498G	56	5.261G
57	5.511G	58	5.711G	59	5.543G	60	5.582G
61	5.399G	62	5.432G	63	5.315G	64	5.586G
65	5.348G	66	5.575G	67	5.260G	68	5.476G
69	5.588G	70	5.557G	71	5.617G	72	5.325G
73	5.351G	74	5.624G	75	5.288G	76	5.519G
77	5.651G	78	5.395G	79	5.716G	80	5.442G
81	5.712G	82	5.623G	83	5.449G	84	5.403G
85	5.620G	86	5.531G	87	5.514G	88	5.708G
89	5.486G	90	5.405G	91	5.491G	92	5.343G
93	5.349G	94	5.724G	95	5.425G	96	5.367G
97	5.352G	98	5.654G	99	5.686G	100	5.401G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.500G	2	5.345G	3	5.449G	4	5.328G
5	5.675G	6	5.709G	7	5.631G	8	5.293G
9	5.430G	10	5.420G	11	5.698G	12	5.263G
13	5.680G	14	5.376G	15	5.288G	16	5.432G
17	5.701G	18	5.660G	19	5.417G	20	5.582G
21	5.392G	22	5.361G	23	5.625G	24	5.308G
25	5.450G	26	5.284G	27	5.714G	28	5.258G
29	5.574G	30	5.689G	31	5.366G	32	5.374G
33	5.633G	34	5.403G	35	5.658G	36	5.540G
37	5.341G	38	5.712G	39	5.522G	40	5.346G
41	5.358G	42	5.350G	43	5.436G	44	5.480G
45	5.627G	46	5.330G	47	5.313G	48	5.343G
49	5.717G	50	5.588G	51	5.273G	52	5.431G
53	5.327G	54	5.266G	55	5.569G	56	5.532G
57	5.639G	58	5.397G	59	5.607G	60	5.269G
61	5.321G	62	5.342G	63	5.648G	64	5.338G
65	5.662G	66	5.530G	67	5.596G	68	5.619G
69	5.344G	70	5.260G	71	5.488G	72	5.550G
73	5.586G	74	5.419G	75	5.322G	76	5.487G
77	5.312G	78	5.315G	79	5.654G	80	5.394G
81	5.456G	82	5.442G	83	5.673G	84	5.692G
85	5.471G	86	5.416G	87	5.497G	88	5.467G
89	5.708G	90	5.653G	91	5.506G	92	5.473G
93	5.460G	94	5.438G	95	5.393G	96	5.557G
97	5.415G	98	5.339G	99	5.511G	100	5.331G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.388G	2	5.596G	3	5.588G	4	5.427G
5	5.543G	6	5.426G	7	5.601G	8	5.495G
9	5.305G	10	5.269G	11	5.380G	12	5.625G
13	5.461G	14	5.526G	15	5.580G	16	5.574G
17	5.528G	18	5.516G	19	5.250G	20	5.633G
21	5.535G	22	5.584G	23	5.297G	24	5.329G
25	5.284G	26	5.670G	27	5.267G	28	5.648G
29	5.672G	30	5.620G	31	5.721G	32	5.266G
33	5.472G	34	5.532G	35	5.554G	36	5.530G
37	5.566G	38	5.565G	39	5.539G	40	5.568G
41	5.315G	42	5.527G	43	5.658G	44	5.531G
45	5.385G	46	5.606G	47	5.667G	48	5.702G
49	5.608G	50	5.295G	51	5.366G	52	5.276G
53	5.651G	54	5.378G	55	5.660G	56	5.583G
57	5.712G	58	5.637G	59	5.703G	60	5.330G
61	5.326G	62	5.381G	63	5.304G	64	5.691G
65	5.453G	66	5.370G	67	5.655G	68	5.469G
69	5.430G	70	5.586G	71	5.379G	72	5.324G
73	5.349G	74	5.275G	75	5.278G	76	5.437G
77	5.600G	78	5.274G	79	5.509G	80	5.602G
81	5.414G	82	5.452G	83	5.375G	84	5.321G
85	5.610G	86	5.435G	87	5.523G	88	5.448G
89	5.701G	90	5.327G	91	5.325G	92	5.463G
93	5.355G	94	5.501G	95	5.301G	96	5.418G
97	5.486G	98	5.519G	99	5.468G	100	5.567G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.356G	2	5.295G	3	5.610G	4	5.529G
5	5.317G	6	5.654G	7	5.528G	8	5.381G
9	5.487G	10	5.285G	11	5.638G	12	5.323G
13	5.578G	14	5.719G	15	5.445G	16	5.608G
17	5.614G	18	5.492G	19	5.256G	20	5.363G
21	5.722G	22	5.601G	23	5.273G	24	5.457G
25	5.692G	26	5.435G	27	5.564G	28	5.602G
29	5.669G	30	5.605G	31	5.586G	32	5.645G
33	5.504G	34	5.705G	35	5.543G	36	5.259G
37	5.351G	38	5.679G	39	5.374G	40	5.495G
41	5.414G	42	5.519G	43	5.587G	44	5.590G
45	5.550G	46	5.709G	47	5.711G	48	5.685G
49	5.369G	50	5.391G	51	5.485G	52	5.641G
53	5.657G	54	5.567G	55	5.460G	56	5.479G
57	5.523G	58	5.371G	59	5.358G	60	5.642G
61	5.466G	62	5.695G	63	5.475G	64	5.720G
65	5.708G	66	5.342G	67	5.707G	68	5.574G
69	5.386G	70	5.652G	71	5.365G	72	5.672G
73	5.706G	74	5.575G	75	5.496G	76	5.723G
77	5.336G	78	5.627G	79	5.617G	80	5.716G
81	5.388G	82	5.592G	83	5.389G	84	5.503G
85	5.530G	86	5.367G	87	5.276G	88	5.639G
89	5.681G	90	5.520G	91	5.265G	92	5.499G
93	5.322G	94	5.582G	95	5.448G	96	5.540G
97	5.546G	98	5.478G	99	5.364G	100	5.471G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.356G	3	5.538G	4	5.636G
5	5.689G	6	5.718G	7	5.523G	8	5.410G
9	5.576G	10	5.329G	11	5.415G	12	5.722G
13	5.459G	14	5.706G	15	5.425G	16	5.344G
17	5.433G	18	5.431G	19	5.588G	20	5.253G
21	5.384G	22	5.293G	23	5.600G	24	5.448G
25	5.632G	26	5.445G	27	5.279G	28	5.424G
29	5.354G	30	5.609G	31	5.467G	32	5.705G
33	5.483G	34	5.472G	35	5.497G	36	5.554G
37	5.666G	38	5.542G	39	5.665G	40	5.550G
41	5.719G	42	5.370G	43	5.388G	44	5.613G
45	5.605G	46	5.405G	47	5.545G	48	5.648G
49	5.549G	50	5.366G	51	5.365G	52	5.702G
53	5.583G	54	5.463G	55	5.664G	56	5.478G
57	5.658G	58	5.418G	59	5.386G	60	5.568G
61	5.432G	62	5.339G	63	5.282G	64	5.312G
65	5.662G	66	5.417G	67	5.694G	68	5.375G
69	5.492G	70	5.618G	71	5.611G	72	5.503G
73	5.521G	74	5.351G	75	5.715G	76	5.311G
77	5.536G	78	5.302G	79	5.263G	80	5.376G
81	5.698G	82	5.331G	83	5.586G	84	5.291G
85	5.340G	86	5.372G	87	5.633G	88	5.699G
89	5.525G	90	5.394G	91	5.451G	92	5.436G
93	5.468G	94	5.520G	95	5.338G	96	5.604G
97	5.591G	98	5.360G	99	5.324G	100	5.621G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.266G	2	5.536G	3	5.589G	4	5.342G
5	5.555G	6	5.627G	7	5.405G	8	5.693G
9	5.415G	10	5.445G	11	5.546G	12	5.308G
13	5.287G	14	5.305G	15	5.656G	16	5.650G
17	5.437G	18	5.416G	19	5.268G	20	5.566G
21	5.706G	22	5.382G	23	5.423G	24	5.323G
25	5.644G	26	5.602G	27	5.630G	28	5.331G
29	5.335G	30	5.348G	31	5.491G	32	5.376G
33	5.599G	34	5.661G	35	5.604G	36	5.669G
37	5.421G	38	5.271G	39	5.510G	40	5.590G
41	5.282G	42	5.433G	43	5.357G	44	5.435G
45	5.499G	46	5.434G	47	5.316G	48	5.267G
49	5.615G	50	5.612G	51	5.403G	52	5.251G
53	5.263G	54	5.623G	55	5.611G	56	5.626G
57	5.654G	58	5.551G	59	5.292G	60	5.637G
61	5.458G	62	5.721G	63	5.273G	64	5.381G
65	5.675G	66	5.547G	67	5.326G	68	5.343G
69	5.513G	70	5.318G	71	5.558G	72	5.336G
73	5.414G	74	5.398G	75	5.609G	76	5.704G
77	5.559G	78	5.628G	79	5.567G	80	5.537G
81	5.692G	82	5.317G	83	5.579G	84	5.527G
85	5.595G	86	5.578G	87	5.320G	88	5.470G
89	5.534G	90	5.260G	91	5.368G	92	5.696G
93	5.562G	94	5.642G	95	5.686G	96	5.380G
97	5.296G	98	5.401G	99	5.702G	100	5.413G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.453G	3	5.699G	4	5.410G
5	5.709G	6	5.630G	7	5.487G	8	5.594G
9	5.323G	10	5.432G	11	5.478G	12	5.705G
13	5.288G	14	5.672G	15	5.375G	16	5.446G
17	5.542G	18	5.718G	19	5.274G	20	5.642G
21	5.576G	22	5.315G	23	5.335G	24	5.302G
25	5.495G	26	5.581G	27	5.599G	28	5.448G
29	5.608G	30	5.403G	31	5.385G	32	5.285G
33	5.506G	34	5.349G	35	5.307G	36	5.269G
37	5.321G	38	5.496G	39	5.624G	40	5.308G
41	5.545G	42	5.388G	43	5.472G	44	5.605G
45	5.708G	46	5.429G	47	5.291G	48	5.513G
49	5.345G	50	5.597G	51	5.510G	52	5.546G
53	5.292G	54	5.401G	55	5.640G	56	5.551G
57	5.334G	58	5.342G	59	5.567G	60	5.257G
61	5.473G	62	5.573G	63	5.664G	64	5.601G
65	5.703G	66	5.372G	67	5.610G	68	5.263G
69	5.503G	70	5.666G	71	5.619G	72	5.589G
73	5.400G	74	5.436G	75	5.671G	76	5.590G
77	5.526G	78	5.635G	79	5.289G	80	5.324G
81	5.431G	82	5.578G	83	5.565G	84	5.465G
85	5.615G	86	5.518G	87	5.391G	88	5.319G
89	5.491G	90	5.365G	91	5.520G	92	5.591G
93	5.555G	94	5.373G	95	5.662G	96	5.438G
97	5.602G	98	5.459G	99	5.341G	100	5.277G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.350G	2	5.487G	3	5.259G	4	5.393G
5	5.427G	6	5.551G	7	5.558G	8	5.388G
9	5.653G	10	5.258G	11	5.537G	12	5.529G
13	5.627G	14	5.687G	15	5.348G	16	5.315G
17	5.440G	18	5.584G	19	5.518G	20	5.577G
21	5.592G	22	5.692G	23	5.491G	24	5.656G
25	5.271G	26	5.689G	27	5.522G	28	5.638G
29	5.435G	30	5.549G	31	5.713G	32	5.500G
33	5.459G	34	5.665G	35	5.256G	36	5.486G
37	5.609G	38	5.334G	39	5.272G	40	5.399G
41	5.702G	42	5.499G	43	5.512G	44	5.386G
45	5.666G	46	5.387G	47	5.693G	48	5.462G
49	5.669G	50	5.543G	51	5.303G	52	5.446G
53	5.580G	54	5.298G	55	5.485G	56	5.422G
57	5.476G	58	5.321G	59	5.382G	60	5.684G
61	5.483G	62	5.332G	63	5.287G	64	5.601G
65	5.378G	66	5.290G	67	5.420G	68	5.254G
69	5.544G	70	5.368G	71	5.555G	72	5.281G
73	5.514G	74	5.498G	75	5.352G	76	5.445G
77	5.644G	78	5.250G	79	5.496G	80	5.560G
81	5.576G	82	5.700G	83	5.589G	84	5.301G
85	5.561G	86	5.458G	87	5.384G	88	5.279G
89	5.507G	90	5.456G	91	5.320G	92	5.314G
93	5.460G	94	5.405G	95	5.312G	96	5.538G
97	5.261G	98	5.582G	99	5.467G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.368G	2	5.688G	3	5.317G	4	5.536G
5	5.613G	6	5.609G	7	5.431G	8	5.707G
9	5.716G	10	5.308G	11	5.622G	12	5.649G
13	5.388G	14	5.700G	15	5.523G	16	5.360G
17	5.330G	18	5.555G	19	5.451G	20	5.643G
21	5.279G	22	5.502G	23	5.512G	24	5.460G
25	5.264G	26	5.334G	27	5.664G	28	5.259G
29	5.309G	30	5.281G	31	5.578G	32	5.378G
33	5.526G	34	5.426G	35	5.273G	36	5.477G
37	5.351G	38	5.496G	39	5.519G	40	5.558G
41	5.511G	42	5.537G	43	5.657G	44	5.404G
45	5.341G	46	5.662G	47	5.481G	48	5.708G
49	5.441G	50	5.395G	51	5.690G	52	5.663G
53	5.696G	54	5.724G	55	5.559G	56	5.630G
57	5.553G	58	5.382G	59	5.306G	60	5.483G
61	5.434G	62	5.332G	63	5.682G	64	5.561G
65	5.534G	66	5.292G	67	5.598G	68	5.367G
69	5.596G	70	5.647G	71	5.557G	72	5.312G
73	5.401G	74	5.470G	75	5.282G	76	5.695G
77	5.358G	78	5.587G	79	5.410G	80	5.373G
81	5.370G	82	5.672G	83	5.261G	84	5.320G
85	5.463G	86	5.299G	87	5.582G	88	5.476G
89	5.575G	90	5.693G	91	5.714G	92	5.400G
93	5.421G	94	5.497G	95	5.385G	96	5.722G
97	5.449G	98	5.407G	99	5.419G	100	5.372G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.721G	2	5.621G	3	5.592G	4	5.496G
5	5.297G	6	5.386G	7	5.487G	8	5.562G
9	5.605G	10	5.508G	11	5.583G	12	5.352G
13	5.273G	14	5.649G	15	5.361G	16	5.524G
17	5.526G	18	5.349G	19	5.620G	20	5.699G
21	5.537G	22	5.641G	23	5.378G	24	5.647G
25	5.669G	26	5.688G	27	5.501G	28	5.412G
29	5.656G	30	5.718G	31	5.284G	32	5.573G
33	5.369G	34	5.371G	35	5.333G	36	5.345G
37	5.375G	38	5.713G	39	5.251G	40	5.554G
41	5.681G	42	5.324G	43	5.418G	44	5.472G
45	5.407G	46	5.442G	47	5.657G	48	5.350G
49	5.602G	50	5.476G	51	5.640G	52	5.557G
53	5.373G	54	5.671G	55	5.560G	56	5.321G
57	5.558G	58	5.327G	59	5.387G	60	5.702G
61	5.380G	62	5.632G	63	5.447G	64	5.334G
65	5.667G	66	5.381G	67	5.578G	68	5.724G
69	5.477G	70	5.440G	71	5.343G	72	5.296G
73	5.446G	74	5.548G	75	5.468G	76	5.457G
77	5.323G	78	5.406G	79	5.383G	80	5.377G
81	5.438G	82	5.413G	83	5.259G	84	5.338G
85	5.275G	86	5.499G	87	5.411G	88	5.561G
89	5.672G	90	5.425G	91	5.541G	92	5.320G
93	5.604G	94	5.525G	95	5.260G	96	5.577G
97	5.674G	98	5.417G	99	5.360G	100	5.431G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.612G	3	5.424G	4	5.655G
5	5.652G	6	5.485G	7	5.559G	8	5.665G
9	5.680G	10	5.402G	11	5.586G	12	5.567G
13	5.688G	14	5.709G	15	5.269G	16	5.574G
17	5.514G	18	5.306G	19	5.625G	20	5.662G
21	5.657G	22	5.592G	23	5.575G	24	5.590G
25	5.437G	26	5.354G	27	5.364G	28	5.279G
29	5.531G	30	5.621G	31	5.261G	32	5.462G
33	5.365G	34	5.467G	35	5.393G	36	5.369G
37	5.438G	38	5.556G	39	5.340G	40	5.594G
41	5.258G	42	5.718G	43	5.510G	44	5.537G
45	5.622G	46	5.299G	47	5.429G	48	5.466G
49	5.673G	50	5.456G	51	5.443G	52	5.604G
53	5.552G	54	5.580G	55	5.389G	56	5.337G
57	5.562G	58	5.497G	59	5.504G	60	5.572G
61	5.534G	62	5.670G	63	5.280G	64	5.308G
65	5.363G	66	5.319G	67	5.430G	68	5.379G
69	5.659G	70	5.296G	71	5.540G	72	5.471G
73	5.684G	74	5.518G	75	5.495G	76	5.695G
77	5.415G	78	5.516G	79	5.419G	80	5.372G
81	5.426G	82	5.711G	83	5.502G	84	5.666G
85	5.395G	86	5.631G	87	5.557G	88	5.613G
89	5.439G	90	5.548G	91	5.681G	92	5.336G
93	5.432G	94	5.455G	95	5.403G	96	5.314G
97	5.713G	98	5.440G	99	5.576G	100	5.687G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.499G	3	5.522G	4	5.381G
5	5.573G	6	5.354G	7	5.474G	8	5.258G
9	5.436G	10	5.322G	11	5.515G	12	5.691G
13	5.695G	14	5.600G	15	5.538G	16	5.653G
17	5.610G	18	5.716G	19	5.641G	20	5.669G
21	5.668G	22	5.387G	23	5.618G	24	5.504G
25	5.623G	26	5.376G	27	5.719G	28	5.465G
29	5.529G	30	5.579G	31	5.272G	32	5.462G
33	5.590G	34	5.287G	35	5.316G	36	5.643G
37	5.715G	38	5.442G	39	5.558G	40	5.656G
41	5.471G	42	5.657G	43	5.567G	44	5.364G
45	5.353G	46	5.536G	47	5.406G	48	5.647G
49	5.352G	50	5.305G	51	5.337G	52	5.441G
53	5.484G	54	5.604G	55	5.439G	56	5.498G
57	5.333G	58	5.370G	59	5.630G	60	5.269G
61	5.502G	62	5.472G	63	5.456G	64	5.450G
65	5.451G	66	5.718G	67	5.650G	68	5.673G
69	5.611G	70	5.266G	71	5.407G	72	5.399G
73	5.459G	74	5.624G	75	5.565G	76	5.658G
77	5.320G	78	5.612G	79	5.292G	80	5.576G
81	5.692G	82	5.315G	83	5.606G	84	5.636G
85	5.449G	86	5.539G	87	5.594G	88	5.518G
89	5.616G	90	5.464G	91	5.475G	92	5.645G
93	5.597G	94	5.586G	95	5.460G	96	5.417G
97	5.324G	98	5.461G	99	5.483G	100	5.362G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.455G	2	5.470G	3	5.612G	4	5.623G
5	5.604G	6	5.258G	7	5.461G	8	5.525G
9	5.302G	10	5.713G	11	5.528G	12	5.450G
13	5.441G	14	5.539G	15	5.391G	16	5.662G
17	5.476G	18	5.648G	19	5.551G	20	5.341G
21	5.398G	22	5.553G	23	5.552G	24	5.689G
25	5.459G	26	5.303G	27	5.263G	28	5.546G
29	5.414G	30	5.465G	31	5.544G	32	5.272G
33	5.594G	34	5.443G	35	5.541G	36	5.254G
37	5.259G	38	5.632G	39	5.469G	40	5.365G
41	5.501G	42	5.439G	43	5.598G	44	5.460G
45	5.478G	46	5.445G	47	5.257G	48	5.613G
49	5.332G	50	5.676G	51	5.322G	52	5.642G
53	5.404G	54	5.691G	55	5.310G	56	5.506G
57	5.388G	58	5.701G	59	5.724G	60	5.276G
61	5.497G	62	5.643G	63	5.285G	64	5.677G
65	5.496G	66	5.540G	67	5.595G	68	5.694G
69	5.468G	70	5.480G	71	5.333G	72	5.720G
73	5.693G	74	5.339G	75	5.270G	76	5.710G
77	5.608G	78	5.456G	79	5.321G	80	5.515G
81	5.695G	82	5.413G	83	5.652G	84	5.271G
85	5.352G	86	5.295G	87	5.516G	88	5.319G
89	5.317G	90	5.513G	91	5.507G	92	5.447G
93	5.353G	94	5.564G	95	5.582G	96	5.311G
97	5.707G	98	5.380G	99	5.482G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.449G	2	5.311G	3	5.463G	4	5.683G
5	5.455G	6	5.305G	7	5.702G	8	5.538G
9	5.410G	10	5.686G	11	5.631G	12	5.650G
13	5.392G	14	5.488G	15	5.720G	16	5.396G
17	5.394G	18	5.603G	19	5.328G	20	5.428G
21	5.640G	22	5.508G	23	5.359G	24	5.427G
25	5.529G	26	5.523G	27	5.491G	28	5.481G
29	5.657G	30	5.594G	31	5.709G	32	5.624G
33	5.380G	34	5.406G	35	5.671G	36	5.308G
37	5.322G	38	5.583G	39	5.503G	40	5.478G
41	5.482G	42	5.711G	43	5.340G	44	5.647G
45	5.626G	46	5.574G	47	5.404G	48	5.578G
49	5.641G	50	5.266G	51	5.690G	52	5.693G
53	5.273G	54	5.320G	55	5.325G	56	5.539G
57	5.658G	58	5.536G	59	5.694G	60	5.402G
61	5.279G	62	5.563G	63	5.348G	64	5.635G
65	5.679G	66	5.716G	67	5.251G	68	5.511G
69	5.546G	70	5.604G	71	5.718G	72	5.698G
73	5.550G	74	5.533G	75	5.474G	76	5.516G
77	5.667G	78	5.349G	79	5.557G	80	5.451G
81	5.588G	82	5.591G	83	5.643G	84	5.433G
85	5.656G	86	5.534G	87	5.670G	88	5.697G
89	5.653G	90	5.352G	91	5.705G	92	5.524G
93	5.334G	94	5.525G	95	5.615G	96	5.329G
97	5.580G	98	5.607G	99	5.682G	100	5.355G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.384G	2	5.600G	3	5.623G	4	5.292G
5	5.435G	6	5.372G	7	5.274G	8	5.563G
9	5.423G	10	5.553G	11	5.529G	12	5.465G
13	5.442G	14	5.674G	15	5.540G	16	5.675G
17	5.300G	18	5.412G	19	5.653G	20	5.526G
21	5.592G	22	5.557G	23	5.616G	24	5.319G
25	5.656G	26	5.352G	27	5.276G	28	5.349G
29	5.560G	30	5.444G	31	5.356G	32	5.436G
33	5.402G	34	5.688G	35	5.259G	36	5.574G
37	5.404G	38	5.700G	39	5.403G	40	5.256G
41	5.395G	42	5.331G	43	5.368G	44	5.599G
45	5.546G	46	5.591G	47	5.588G	48	5.601G
49	5.558G	50	5.543G	51	5.655G	52	5.659G
53	5.510G	54	5.626G	55	5.475G	56	5.537G
57	5.512G	58	5.501G	59	5.706G	60	5.445G
61	5.373G	62	5.697G	63	5.277G	64	5.666G
65	5.312G	66	5.703G	67	5.628G	68	5.694G
69	5.327G	70	5.542G	71	5.286G	72	5.487G
73	5.565G	74	5.428G	75	5.539G	76	5.708G
77	5.265G	78	5.530G	79	5.291G	80	5.458G
81	5.580G	82	5.583G	83	5.398G	84	5.573G
85	5.689G	86	5.267G	87	5.681G	88	5.610G
89	5.523G	90	5.624G	91	5.441G	92	5.288G
93	5.432G	94	5.451G	95	5.460G	96	5.318G
97	5.639G	98	5.385G	99	5.268G	100	5.394G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.391G	2	5.497G	3	5.363G	4	5.297G
5	5.504G	6	5.684G	7	5.456G	8	5.429G
9	5.574G	10	5.509G	11	5.482G	12	5.471G
13	5.375G	14	5.649G	15	5.689G	16	5.608G
17	5.278G	18	5.546G	19	5.678G	20	5.537G
21	5.273G	22	5.411G	23	5.644G	24	5.254G
25	5.330G	26	5.499G	27	5.709G	28	5.369G
29	5.341G	30	5.577G	31	5.353G	32	5.555G
33	5.703G	34	5.384G	35	5.495G	36	5.378G
37	5.420G	38	5.431G	39	5.399G	40	5.394G
41	5.462G	42	5.525G	43	5.397G	44	5.379G
45	5.515G	46	5.306G	47	5.532G	48	5.580G
49	5.267G	50	5.586G	51	5.386G	52	5.271G
53	5.647G	54	5.594G	55	5.390G	56	5.454G
57	5.328G	58	5.409G	59	5.621G	60	5.642G
61	5.324G	62	5.648G	63	5.534G	64	5.569G
65	5.484G	66	5.604G	67	5.419G	68	5.657G
69	5.566G	70	5.688G	71	5.680G	72	5.463G
73	5.632G	74	5.512G	75	5.349G	76	5.511G
77	5.579G	78	5.643G	79	5.326G	80	5.327G
81	5.356G	82	5.603G	83	5.371G	84	5.292G
85	5.521G	86	5.453G	87	5.413G	88	5.543G
89	5.508G	90	5.720G	91	5.664G	92	5.446G
93	5.407G	94	5.283G	95	5.501G	96	5.633G
97	5.542G	98	5.437G	99	5.650G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.373G	2	5.295G	3	5.699G	4	5.353G
5	5.660G	6	5.511G	7	5.720G	8	5.405G
9	5.389G	10	5.515G	11	5.343G	12	5.669G
13	5.539G	14	5.540G	15	5.414G	16	5.436G
17	5.523G	18	5.671G	19	5.589G	20	5.357G
21	5.708G	22	5.563G	23	5.459G	24	5.494G
25	5.313G	26	5.416G	27	5.469G	28	5.662G
29	5.428G	30	5.564G	31	5.324G	32	5.393G
33	5.548G	34	5.257G	35	5.705G	36	5.379G
37	5.658G	38	5.319G	39	5.567G	40	5.267G
41	5.418G	42	5.618G	43	5.261G	44	5.710G
45	5.722G	46	5.513G	47	5.441G	48	5.274G
49	5.371G	50	5.549G	51	5.503G	52	5.338G
53	5.605G	54	5.264G	55	5.296G	56	5.703G
57	5.683G	58	5.617G	59	5.495G	60	5.291G
61	5.592G	62	5.531G	63	5.369G	64	5.632G
65	5.614G	66	5.601G	67	5.622G	68	5.681G
69	5.714G	70	5.483G	71	5.638G	72	5.334G
73	5.516G	74	5.337G	75	5.504G	76	5.642G
77	5.302G	78	5.702G	79	5.497G	80	5.527G
81	5.424G	82	5.466G	83	5.610G	84	5.462G
85	5.463G	86	5.269G	87	5.651G	88	5.555G
89	5.634G	90	5.307G	91	5.294G	92	5.512G
93	5.263G	94	5.521G	95	5.680G	96	5.485G
97	5.252G	98	5.392G	99	5.491G	100	5.331G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.668G	3	5.557G	4	5.512G
5	5.391G	6	5.569G	7	5.495G	8	5.322G
9	5.647G	10	5.368G	11	5.589G	12	5.328G
13	5.574G	14	5.515G	15	5.709G	16	5.680G
17	5.413G	18	5.299G	19	5.545G	20	5.713G
21	5.596G	22	5.667G	23	5.477G	24	5.449G
25	5.506G	26	5.547G	27	5.699G	28	5.665G
29	5.530G	30	5.434G	31	5.266G	32	5.261G
33	5.720G	34	5.536G	35	5.702G	36	5.396G
37	5.602G	38	5.628G	39	5.537G	40	5.259G
41	5.326G	42	5.597G	43	5.575G	44	5.408G
45	5.364G	46	5.687G	47	5.604G	48	5.689G
49	5.325G	50	5.532G	51	5.707G	52	5.381G
53	5.594G	54	5.614G	55	5.611G	56	5.499G
57	5.642G	58	5.608G	59	5.469G	60	5.369G
61	5.497G	62	5.289G	63	5.285G	64	5.670G
65	5.590G	66	5.582G	67	5.635G	68	5.444G
69	5.618G	70	5.510G	71	5.300G	72	5.716G
73	5.558G	74	5.287G	75	5.264G	76	5.334G
77	5.394G	78	5.701G	79	5.456G	80	5.476G
81	5.330G	82	5.674G	83	5.678G	84	5.572G
85	5.395G	86	5.448G	87	5.566G	88	5.577G
89	5.615G	90	5.314G	91	5.256G	92	5.331G
93	5.487G	94	5.692G	95	5.563G	96	5.389G
97	5.551G	98	5.418G	99	5.554G	100	5.559G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.348G	2	5.495G	3	5.551G	4	5.441G
5	5.329G	6	5.548G	7	5.402G	8	5.557G
9	5.339G	10	5.432G	11	5.343G	12	5.273G
13	5.461G	14	5.628G	15	5.507G	16	5.429G
17	5.419G	18	5.673G	19	5.718G	20	5.664G
21	5.579G	22	5.336G	23	5.545G	24	5.701G
25	5.689G	26	5.396G	27	5.300G	28	5.682G
29	5.272G	30	5.320G	31	5.350G	32	5.269G
33	5.256G	34	5.332G	35	5.366G	36	5.265G
37	5.535G	38	5.340G	39	5.509G	40	5.512G
41	5.251G	42	5.470G	43	5.696G	44	5.279G
45	5.590G	46	5.464G	47	5.643G	48	5.481G
49	5.479G	50	5.693G	51	5.705G	52	5.550G
53	5.622G	54	5.506G	55	5.264G	56	5.717G
57	5.627G	58	5.633G	59	5.625G	60	5.630G
61	5.574G	62	5.407G	63	5.291G	64	5.302G
65	5.681G	66	5.504G	67	5.342G	68	5.719G
69	5.347G	70	5.268G	71	5.599G	72	5.378G
73	5.259G	74	5.252G	75	5.403G	76	5.499G
77	5.361G	78	5.331G	79	5.566G	80	5.636G
81	5.518G	82	5.327G	83	5.394G	84	5.533G
85	5.692G	86	5.427G	87	5.561G	88	5.412G
89	5.714G	90	5.292G	91	5.684G	92	5.290G
93	5.450G	94	5.326G	95	5.667G	96	5.720G
97	5.591G	98	5.559G	99	5.278G	100	5.516G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.600G	3	5.383G	4	5.449G
5	5.720G	6	5.527G	7	5.509G	8	5.252G
9	5.317G	10	5.363G	11	5.426G	12	5.357G
13	5.455G	14	5.722G	15	5.689G	16	5.580G
17	5.393G	18	5.614G	19	5.452G	20	5.446G
21	5.408G	22	5.500G	23	5.444G	24	5.259G
25	5.465G	26	5.714G	27	5.574G	28	5.585G
29	5.440G	30	5.652G	31	5.457G	32	5.643G
33	5.463G	34	5.645G	35	5.314G	36	5.267G
37	5.704G	38	5.548G	39	5.484G	40	5.372G
41	5.622G	42	5.305G	43	5.510G	44	5.270G
45	5.431G	46	5.377G	47	5.396G	48	5.330G
49	5.335G	50	5.324G	51	5.416G	52	5.587G
53	5.586G	54	5.340G	55	5.521G	56	5.262G
57	5.401G	58	5.666G	59	5.626G	60	5.607G
61	5.649G	62	5.260G	63	5.354G	64	5.384G
65	5.542G	66	5.394G	67	5.700G	68	5.632G
69	5.292G	70	5.661G	71	5.326G	72	5.435G
73	5.534G	74	5.492G	75	5.253G	76	5.373G
77	5.428G	78	5.594G	79	5.427G	80	5.503G
81	5.412G	82	5.697G	83	5.698G	84	5.664G
85	5.406G	86	5.343G	87	5.436G	88	5.488G
89	5.504G	90	5.288G	91	5.501G	92	5.439G
93	5.303G	94	5.681G	95	5.418G	96	5.296G
97	5.665G	98	5.657G	99	5.680G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.400G	2	5.626G	3	5.306G	4	5.287G
5	5.530G	6	5.665G	7	5.659G	8	5.312G
9	5.678G	10	5.507G	11	5.416G	12	5.356G
13	5.454G	14	5.253G	15	5.714G	16	5.675G
17	5.606G	18	5.427G	19	5.472G	20	5.473G
21	5.503G	22	5.679G	23	5.413G	24	5.319G
25	5.568G	26	5.295G	27	5.718G	28	5.349G
29	5.692G	30	5.705G	31	5.385G	32	5.282G
33	5.494G	34	5.251G	35	5.471G	36	5.338G
37	5.555G	38	5.318G	39	5.252G	40	5.500G
41	5.529G	42	5.465G	43	5.617G	44	5.644G
45	5.635G	46	5.715G	47	5.583G	48	5.516G
49	5.723G	50	5.593G	51	5.477G	52	5.284G
53	5.663G	54	5.577G	55	5.564G	56	5.676G
57	5.680G	58	5.329G	59	5.410G	60	5.430G
61	5.592G	62	5.596G	63	5.357G	64	5.272G
65	5.511G	66	5.532G	67	5.451G	68	5.677G
69	5.372G	70	5.258G	71	5.646G	72	5.474G
73	5.649G	74	5.594G	75	5.688G	76	5.368G
77	5.324G	78	5.443G	79	5.346G	80	5.432G
81	5.297G	82	5.558G	83	5.634G	84	5.283G
85	5.505G	86	5.642G	87	5.263G	88	5.521G
89	5.420G	90	5.535G	91	5.482G	92	5.553G
93	5.575G	94	5.414G	95	5.561G	96	5.255G
97	5.296G	98	5.464G	99	5.279G	100	5.674G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.652G	2	5.324G	3	5.696G	4	5.573G
5	5.416G	6	5.398G	7	5.642G	8	5.414G
9	5.576G	10	5.419G	11	5.325G	12	5.519G
13	5.463G	14	5.257G	15	5.561G	16	5.407G
17	5.338G	18	5.689G	19	5.499G	20	5.381G
21	5.538G	22	5.659G	23	5.620G	24	5.272G
25	5.401G	26	5.360G	27	5.433G	28	5.560G
29	5.719G	30	5.559G	31	5.724G	32	5.258G
33	5.418G	34	5.549G	35	5.394G	36	5.699G
37	5.365G	38	5.295G	39	5.626G	40	5.250G
41	5.720G	42	5.653G	43	5.526G	44	5.335G
45	5.405G	46	5.475G	47	5.692G	48	5.688G
49	5.654G	50	5.299G	51	5.302G	52	5.347G
53	5.467G	54	5.308G	55	5.646G	56	5.542G
57	5.671G	58	5.715G	59	5.329G	60	5.522G
61	5.716G	62	5.694G	63	5.421G	64	5.321G
65	5.523G	66	5.411G	67	5.382G	68	5.581G
69	5.449G	70	5.690G	71	5.317G	72	5.340G
73	5.611G	74	5.310G	75	5.681G	76	5.440G
77	5.368G	78	5.336G	79	5.425G	80	5.427G
81	5.703G	82	5.280G	83	5.524G	84	5.637G
85	5.312G	86	5.603G	87	5.558G	88	5.582G
89	5.356G	90	5.648G	91	5.593G	92	5.261G
93	5.661G	94	5.628G	95	5.309G	96	5.704G
97	5.371G	98	5.307G	99	5.473G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.632G	2	5.473G	3	5.648G	4	5.502G
5	5.589G	6	5.559G	7	5.506G	8	5.272G
9	5.599G	10	5.288G	11	5.647G	12	5.475G
13	5.262G	14	5.569G	15	5.411G	16	5.397G
17	5.546G	18	5.299G	19	5.425G	20	5.503G
21	5.383G	22	5.271G	23	5.704G	24	5.401G
25	5.325G	26	5.474G	27	5.282G	28	5.495G
29	5.595G	30	5.427G	31	5.437G	32	5.514G
33	5.426G	34	5.469G	35	5.484G	36	5.681G
37	5.408G	38	5.343G	39	5.553G	40	5.372G
41	5.498G	42	5.368G	43	5.665G	44	5.340G
45	5.314G	46	5.359G	47	5.531G	48	5.466G
49	5.564G	50	5.472G	51	5.365G	52	5.396G
53	5.703G	54	5.400G	55	5.707G	56	5.525G
57	5.567G	58	5.366G	59	5.250G	60	5.636G
61	5.393G	62	5.623G	63	5.274G	64	5.443G
65	5.649G	66	5.508G	67	5.547G	68	5.620G
69	5.390G	70	5.295G	71	5.261G	72	5.521G
73	5.285G	74	5.296G	75	5.395G	76	5.663G
77	5.465G	78	5.717G	79	5.698G	80	5.572G
81	5.384G	82	5.671G	83	5.530G	84	5.507G
85	5.660G	86	5.605G	87	5.646G	88	5.593G
89	5.451G	90	5.449G	91	5.442G	92	5.692G
93	5.529G	94	5.597G	95	5.423G	96	5.330G
97	5.511G	98	5.305G	99	5.653G	100	5.404G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.503G	2	5.709G	3	5.511G	4	5.650G
5	5.608G	6	5.458G	7	5.428G	8	5.473G
9	5.344G	10	5.472G	11	5.347G	12	5.348G
13	5.463G	14	5.475G	15	5.402G	16	5.651G
17	5.522G	18	5.565G	19	5.474G	20	5.601G
21	5.579G	22	5.591G	23	5.373G	24	5.509G
25	5.258G	26	5.505G	27	5.383G	28	5.680G
29	5.479G	30	5.257G	31	5.656G	32	5.461G
33	5.564G	34	5.655G	35	5.538G	36	5.340G
37	5.445G	38	5.518G	39	5.409G	40	5.325G
41	5.296G	42	5.502G	43	5.701G	44	5.585G
45	5.336G	46	5.330G	47	5.665G	48	5.696G
49	5.400G	50	5.486G	51	5.352G	52	5.302G
53	5.284G	54	5.491G	55	5.397G	56	5.595G
57	5.271G	58	5.254G	59	5.412G	60	5.690G
61	5.339G	62	5.584G	63	5.457G	64	5.493G
65	5.334G	66	5.365G	67	5.322G	68	5.639G
69	5.634G	70	5.484G	71	5.563G	72	5.266G
73	5.557G	74	5.395G	75	5.357G	76	5.698G
77	5.411G	78	5.558G	79	5.668G	80	5.575G
81	5.256G	82	5.560G	83	5.529G	84	5.534G
85	5.311G	86	5.551G	87	5.706G	88	5.419G
89	5.327G	90	5.317G	91	5.636G	92	5.324G
93	5.321G	94	5.368G	95	5.550G	96	5.415G
97	5.359G	98	5.492G	99	5.297G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.354G	2	5.429G	3	5.659G	4	5.478G
5	5.363G	6	5.654G	7	5.506G	8	5.685G
9	5.606G	10	5.419G	11	5.722G	12	5.256G
13	5.286G	14	5.703G	15	5.353G	16	5.533G
17	5.692G	18	5.675G	19	5.303G	20	5.536G
21	5.574G	22	5.619G	23	5.702G	24	5.487G
25	5.677G	26	5.547G	27	5.326G	28	5.635G
29	5.414G	30	5.358G	31	5.714G	32	5.339G
33	5.671G	34	5.284G	35	5.441G	36	5.641G
37	5.528G	38	5.616G	39	5.412G	40	5.476G
41	5.625G	42	5.359G	43	5.718G	44	5.458G
45	5.626G	46	5.642G	47	5.321G	48	5.521G
49	5.329G	50	5.509G	51	5.576G	52	5.649G
53	5.683G	54	5.597G	55	5.634G	56	5.569G
57	5.678G	58	5.406G	59	5.567G	60	5.700G
61	5.254G	62	5.428G	63	5.622G	64	5.706G
65	5.516G	66	5.655G	67	5.493G	68	5.322G
69	5.460G	70	5.586G	71	5.561G	72	5.674G
73	5.443G	74	5.681G	75	5.710G	76	5.426G
77	5.587G	78	5.615G	79	5.459G	80	5.564G
81	5.620G	82	5.537G	83	5.708G	84	5.511G
85	5.366G	86	5.268G	87	5.440G	88	5.402G
89	5.385G	90	5.505G	91	5.391G	92	5.318G
93	5.423G	94	5.453G	95	5.656G	96	5.266G
97	5.568G	98	5.600G	99	5.316G	100	5.417G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.556G	2	5.476G	3	5.290G	4	5.624G
5	5.694G	6	5.663G	7	5.266G	8	5.257G
9	5.398G	10	5.697G	11	5.385G	12	5.390G
13	5.599G	14	5.699G	15	5.615G	16	5.528G
17	5.519G	18	5.261G	19	5.336G	20	5.611G
21	5.314G	22	5.541G	23	5.638G	24	5.381G
25	5.710G	26	5.373G	27	5.690G	28	5.466G
29	5.633G	30	5.595G	31	5.514G	32	5.723G
33	5.721G	34	5.632G	35	5.366G	36	5.264G
37	5.614G	38	5.664G	39	5.359G	40	5.325G
41	5.630G	42	5.444G	43	5.467G	44	5.445G
45	5.700G	46	5.539G	47	5.431G	48	5.584G
49	5.446G	50	5.567G	51	5.470G	52	5.657G
53	5.683G	54	5.701G	55	5.258G	56	5.558G
57	5.413G	58	5.722G	59	5.307G	60	5.425G
61	5.423G	62	5.440G	63	5.576G	64	5.518G
65	5.391G	66	5.374G	67	5.702G	68	5.450G
69	5.459G	70	5.502G	71	5.598G	72	5.669G
73	5.345G	74	5.371G	75	5.441G	76	5.592G
77	5.692G	78	5.658G	79	5.323G	80	5.533G
81	5.631G	82	5.304G	83	5.651G	84	5.707G
85	5.597G	86	5.588G	87	5.367G	88	5.277G
89	5.298G	90	5.647G	91	5.288G	92	5.521G
93	5.365G	94	5.493G	95	5.492G	96	5.392G
97	5.648G	98	5.285G	99	5.361G	100	5.281G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.647G	2	5.680G	3	5.432G	4	5.417G
5	5.553G	6	5.288G	7	5.577G	8	5.409G
9	5.356G	10	5.320G	11	5.722G	12	5.540G
13	5.415G	14	5.579G	15	5.319G	16	5.588G
17	5.446G	18	5.469G	19	5.424G	20	5.382G
21	5.595G	22	5.392G	23	5.659G	24	5.293G
25	5.702G	26	5.686G	27	5.389G	28	5.422G
29	5.694G	30	5.703G	31	5.276G	32	5.681G
33	5.375G	34	5.492G	35	5.301G	36	5.338G
37	5.620G	38	5.494G	39	5.394G	40	5.261G
41	5.629G	42	5.498G	43	5.452G	44	5.624G
45	5.384G	46	5.296G	47	5.270G	48	5.639G
49	5.519G	50	5.633G	51	5.637G	52	5.529G
53	5.379G	54	5.348G	55	5.410G	56	5.447G
57	5.552G	58	5.442G	59	5.279G	60	5.678G
61	5.590G	62	5.269G	63	5.386G	64	5.273G
65	5.264G	66	5.675G	67	5.354G	68	5.485G
69	5.508G	70	5.481G	71	5.714G	72	5.482G
73	5.468G	74	5.426G	75	5.462G	76	5.650G
77	5.520G	78	5.349G	79	5.518G	80	5.691G
81	5.257G	82	5.592G	83	5.710G	84	5.478G
85	5.677G	86	5.284G	87	5.630G	88	5.479G
89	5.413G	90	5.330G	91	5.688G	92	5.644G
93	5.532G	94	5.267G	95	5.715G	96	5.458G
97	5.326G	98	5.515G	99	5.695G	100	5.660G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.519G	3	5.350G	4	5.405G
5	5.518G	6	5.668G	7	5.685G	8	5.536G
9	5.260G	10	5.583G	11	5.647G	12	5.411G
13	5.368G	14	5.662G	15	5.547G	16	5.501G
17	5.465G	18	5.300G	19	5.582G	20	5.654G
21	5.349G	22	5.642G	23	5.658G	24	5.573G
25	5.374G	26	5.692G	27	5.291G	28	5.253G
29	5.545G	30	5.301G	31	5.589G	32	5.564G
33	5.671G	34	5.467G	35	5.603G	36	5.513G
37	5.457G	38	5.678G	39	5.722G	40	5.446G
41	5.608G	42	5.591G	43	5.379G	44	5.304G
45	5.345G	46	5.645G	47	5.302G	48	5.322G
49	5.470G	50	5.546G	51	5.584G	52	5.527G
53	5.371G	54	5.706G	55	5.528G	56	5.351G
57	5.454G	58	5.515G	59	5.282G	60	5.576G
61	5.499G	62	5.265G	63	5.622G	64	5.574G
65	5.660G	66	5.280G	67	5.278G	68	5.588G
69	5.458G	70	5.630G	71	5.565G	72	5.492G
73	5.428G	74	5.649G	75	5.436G	76	5.471G
77	5.713G	78	5.284G	79	5.508G	80	5.616G
81	5.637G	82	5.258G	83	5.429G	84	5.420G
85	5.317G	86	5.697G	87	5.700G	88	5.387G
89	5.611G	90	5.261G	91	5.298G	92	5.714G
93	5.639G	94	5.466G	95	5.693G	96	5.288G
97	5.464G	98	5.307G	99	5.595G	100	5.367G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.565G	2	5.424G	3	5.572G	4	5.371G
5	5.322G	6	5.471G	7	5.667G	8	5.407G
9	5.677G	10	5.526G	11	5.634G	12	5.534G
13	5.507G	14	5.578G	15	5.643G	16	5.531G
17	5.655G	18	5.299G	19	5.354G	20	5.496G
21	5.263G	22	5.390G	23	5.527G	24	5.567G
25	5.697G	26	5.463G	27	5.614G	28	5.366G
29	5.358G	30	5.556G	31	5.636G	32	5.664G
33	5.562G	34	5.538G	35	5.361G	36	5.355G
37	5.285G	38	5.533G	39	5.516G	40	5.716G
41	5.250G	42	5.303G	43	5.612G	44	5.289G
45	5.569G	46	5.649G	47	5.543G	48	5.675G
49	5.266G	50	5.256G	51	5.274G	52	5.428G
53	5.696G	54	5.284G	55	5.367G	56	5.449G
57	5.653G	58	5.251G	59	5.690G	60	5.522G
61	5.312G	62	5.386G	63	5.710G	64	5.669G
65	5.608G	66	5.479G	67	5.553G	68	5.588G
69	5.657G	70	5.539G	71	5.253G	72	5.678G
73	5.329G	74	5.558G	75	5.418G	76	5.400G
77	5.372G	78	5.300G	79	5.482G	80	5.624G
81	5.640G	82	5.347G	83	5.594G	84	5.674G
85	5.374G	86	5.360G	87	5.395G	88	5.609G
89	5.484G	90	5.623G	91	5.577G	92	5.676G
93	5.389G	94	5.705G	95	5.523G	96	5.540G
97	5.481G	98	5.343G	99	5.451G	100	5.356G