DFS TEST REPORT

REPORT NO.:	RF120712C20A-1
MODEL NO.:	WNDR4700, WNDR4720
FCC ID:	PY311400179
RECEIVED:	Jul. 26, 2012
TESTED:	Feb. 21, 2013
ISSUED:	Feb. 23, 2013

APPLICANT:	NETGEAR, INC.
ADDRESS:	350 East Plumeria Drive San Jose, CA 95134
ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
LAB ADDRESS:	No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan, R.O.C.
TEST LOCATION:	No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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

TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF120712C20A-1	Original release	Feb. 23, 2013

1. CERTIFICATION

PRODUCT: N900 Wireless Dual Band Gigabit Router

MODEL: WNDR4700, WNDR4720

BRAND: NETGEAR

APPLICANT: NETGEAR, INC.

TESTED: Feb. 21, 2013

TEST SAMPLE: ENGINEERING SAMPLE

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

FCC 06-96

The above equipment (model: WNDR4700) 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 : ___Feb. 23, 2013___

Pettie Chen / Senior Specialist

APPROVED BY : _____ , DATE : ___Feb. 23, 2013___

Ken Liu / 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	N900 Wireless Dual Band Gigabit Router	WNDR4700, WNDR4720	V1.0.0.43-DFS

NOTE: The following models are provided to this EUT.

Brand Name	Model No.	Difference
NETGEAR	WNDR4700	Without HDD
NETGEAR	WNDR4720	With HDD

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

TABLE 3: ANTENNA LIST

ANT NO.	ANTENNA TYPE	OPERATION FREQUENCY RANGE (MHz)	MAX. GAIN (dBi)
1	Off board PCB dipole	5250-5350	3
1	Off board PCB dipole	5470-5725	3
2	Off board PCB dipole	5250-5350	3
2	Off board PCB dipole	5470-5725	3
3	Off board PCB dipole	5250-5350	3
3	Off board PCB dipole	5470-5725	3

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	22.31	170.072
1	5470~5725	21.89	154.385

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.01	158.776
1	5470~5725	21.99	158.021

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.82	191.307
1	5470~5725	22.87	193.730

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

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

802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.31	339.625
1	5470~5725	24.89	308.319

802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.01	316.957
1	5470~5725	24.99	315.500

802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	25.82	381.944
1	5470~5725	25.87	386.367

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

The manufacturer shall state whether the UUT is capable of operating as a Master and/or a Client. If the UUT is capable of operating in more than one operating mode then each operating mode shall be tested separately. See tables 1 and 2 for the applicability of DFS requirements for each of the operational modes.

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

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

TABLE 7: APPLICABILITY OF DFS REQUIREMENTS DURING NORMAL OPERATION

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

3.2   TEST LIMITS AND RADAR SIGNAL PARAMETERS

DETECTION THRESHOLD VALUES

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

MAXIMUM TRANSMIT POWER	VALUE (SEE Note 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

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

TABLE 9: DFS RESPONSE REQUIREMENT VALUES

PARAMETER	VALUE
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 80% of the UNII 99% transmission power bandwidth. See Note 3.

Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:

• For the Short Pulse Radar Test Signals this instant is the end of the Burst.

• For the Frequency Hopping radar Test Signal, this instant is the end of the last radar

Burst generated.

• For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

PARAMETERS OF DFS TEST SIGNALS

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

TABLE 10: SHORT PULSE RADAR TEST WAVEFORMS

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

TABLE 11: LONG PULSE RADAR TEST WAVEFORM

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

TABLE 12: FREQUENCY HOPPING RADAR TEST WAVEFORM

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

4. TEST & SUPPORT EQUIPMENT LIST

4.1 TEST INSTRUMENTS

TABLE 1: TEST INSTRUMENTS LIST

DESCRIPTION & MANUFACTURER	MODEL NO.	BRAND	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
R&S Spectrum analyzer	FSP40	R&S	2013/01/28	2014/01/27
Signal generator	8645A	Agilent	2012/06/11	2013/06/10
Oscilloscope	TDS 5104	Tektronix	2012/03/05	2013/03/04
Control PC	Pavilion a320d	HP	--	

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

NO.	PRODUCT	BRAND	MODEL NO.	FCC ID
1	IEEE 802.11a/b/g/n Cardbus	ATHEROS	AR5BCB-0072TA	PPD-AR5BCB-00072

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

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM

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

CONDUCTED SETUP CONFIGURATION OF ADT DFS MEASUREMENT SYSTEM

Control PC — Radar Signal Generating Subsystem

Spectrum Analyzer — Oscilloscope — Attenuator

C/S

Attenuator — Attenuator — C/S

Traffic Monitoring Subsystem

Support Unit

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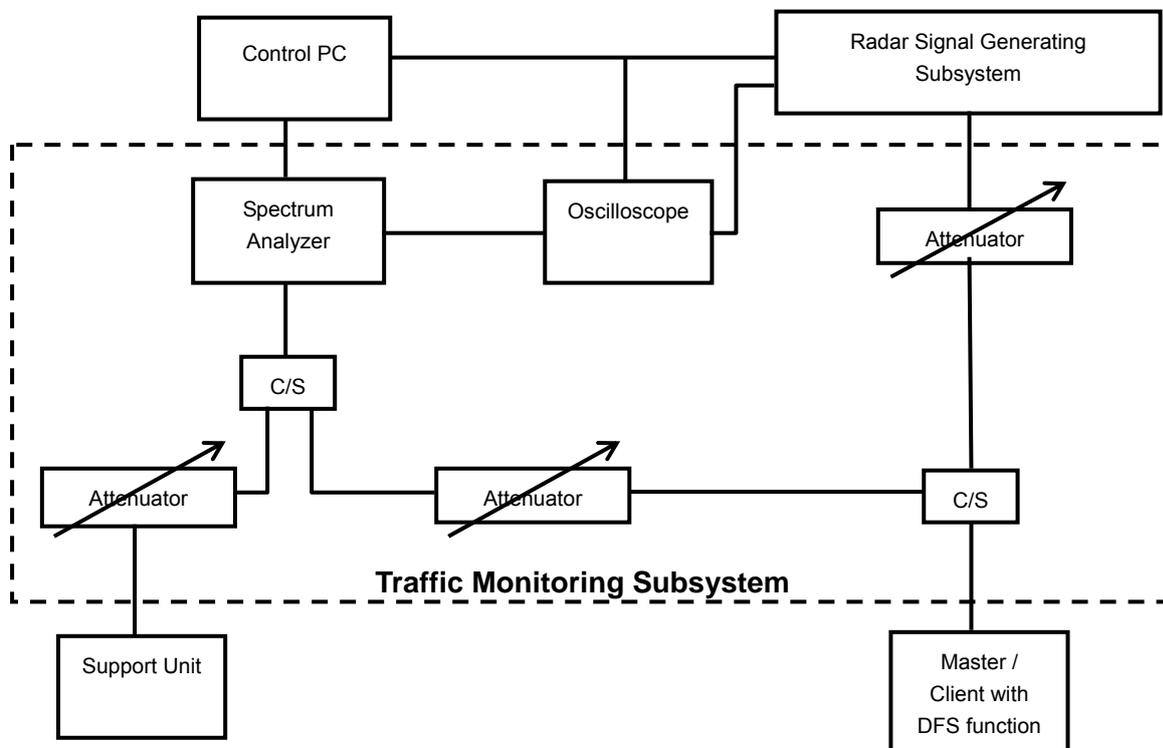
The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: http://ntiacsd.ntia.doc.gov/dfs/.

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

The measured channel is 5500MHz and 5510MHz. The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master minimum antenna gain is 3 dBi, and required detection threshold is -61 dBm.

CONDUCTED SETUP CONFIGURATION OF CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 CONDUCTED TEST SETUP CONFIGURATION

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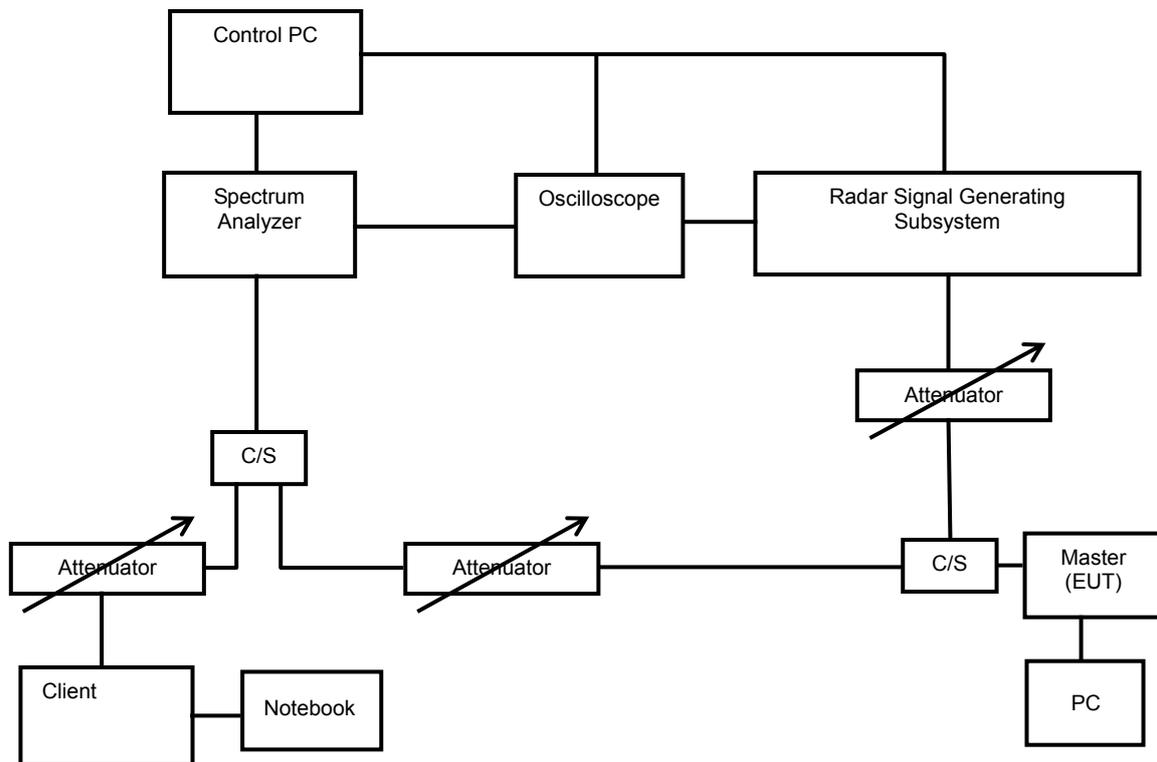
The EUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

6. TEST RESULTS

6.1 SUMMARY OF TEST 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 DETELED TEST RESULTS

6.2.1   TEST MODE: **DEVICE OPERATING IN MASTER MODE.**

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

DFS DETECTION THRESHOLD

For a detection threshold level of –64dBm and the Master minimum antenna gain is 3 dBi, and required detection threshold is -61 dBm (= -64 +3). The conducted radar burst level is set to -61 dBm.
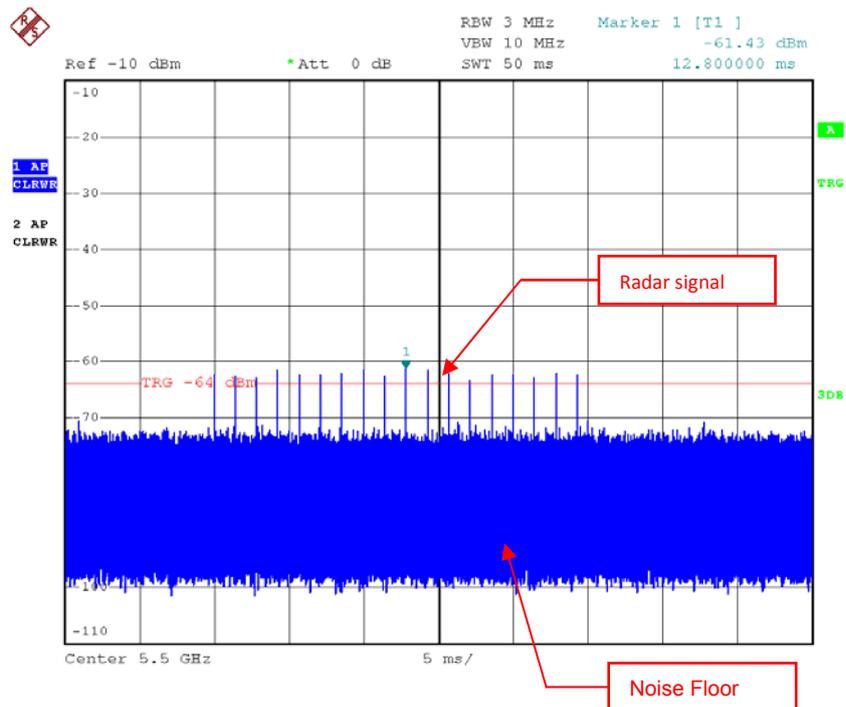
Radar Signal 1
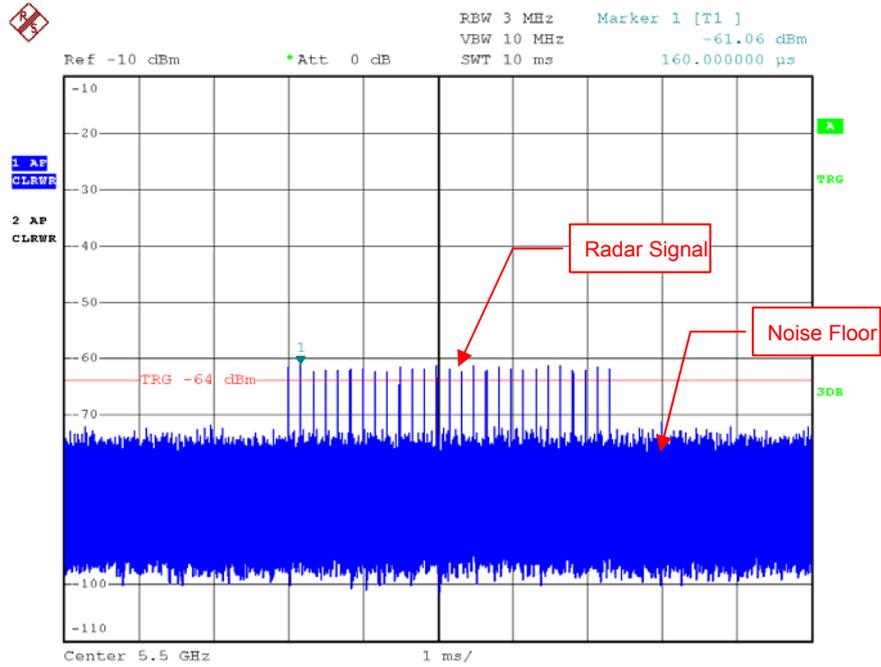
Radar Signal 2
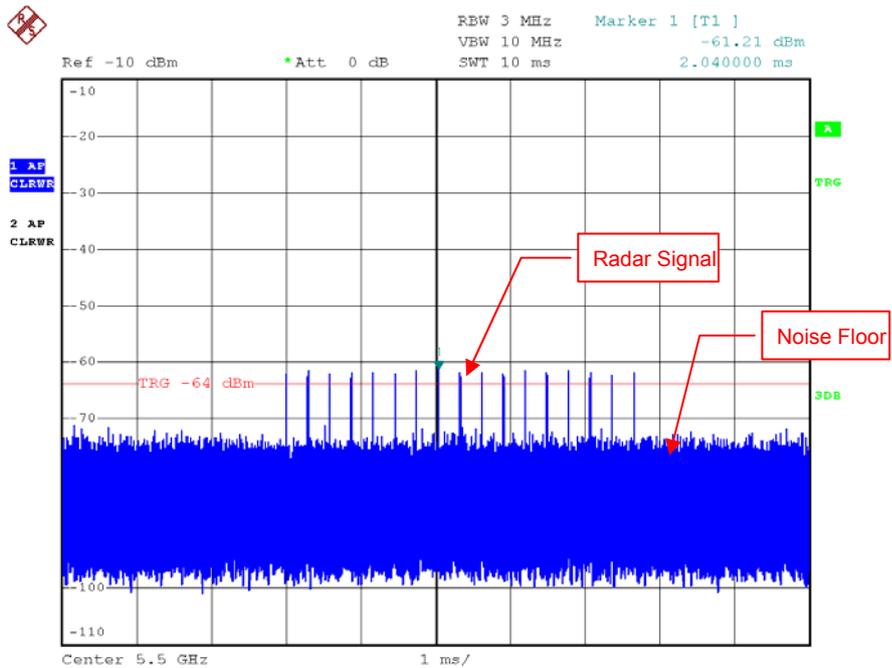
Radar Signal 3
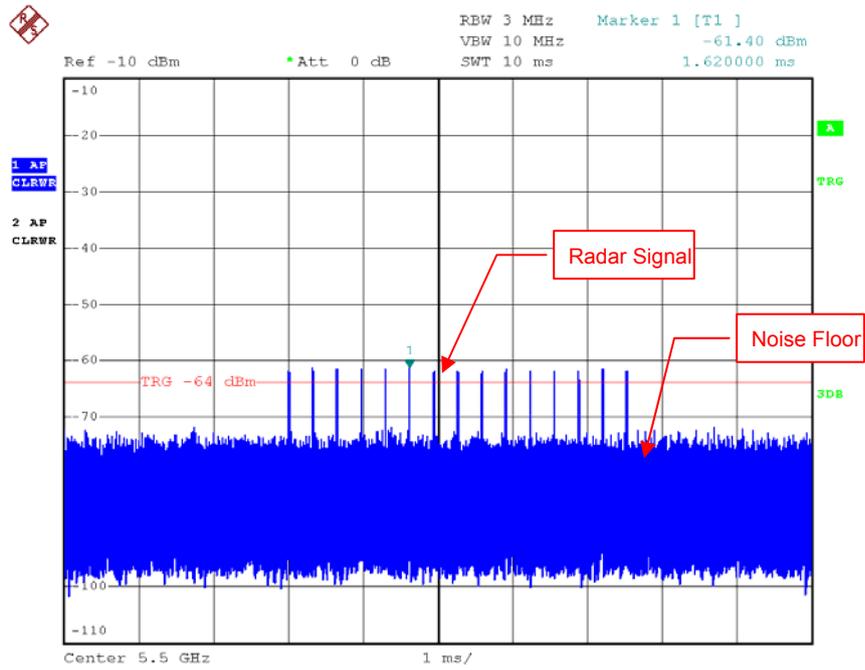
Radar Signal 4

Radar Signal 5

RBW 3 MHz　　Marker 1 [T1]
VBW 10 MHz　　　　　－61.43 dBm
SWT 10 ms　　　　　3.400000 ms

Ref -10 dBm　　　*Att　0 dB

Center 5.5 GHz　　　　　　1 ms/

Radar Signal

Noise Floor
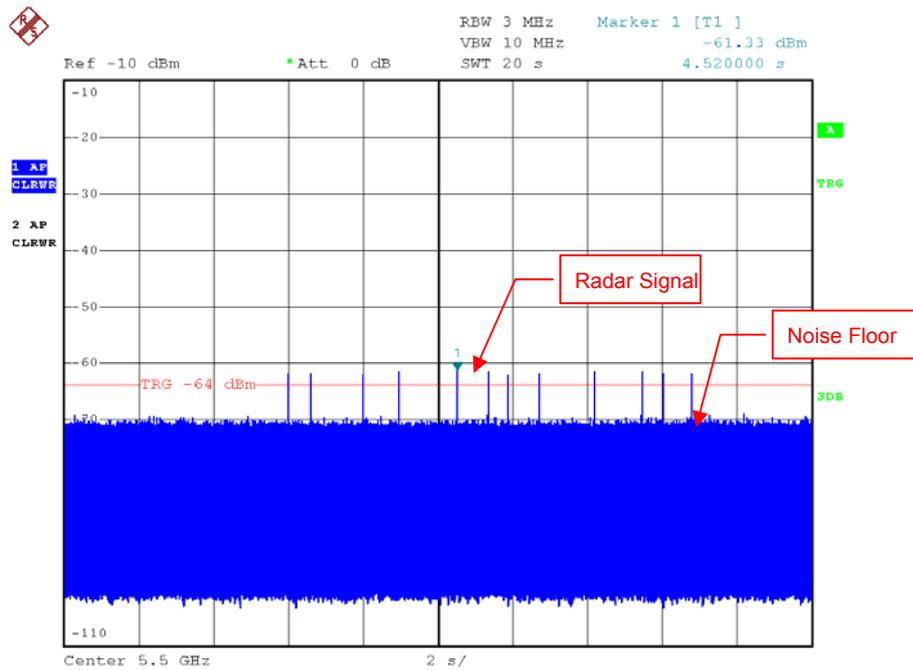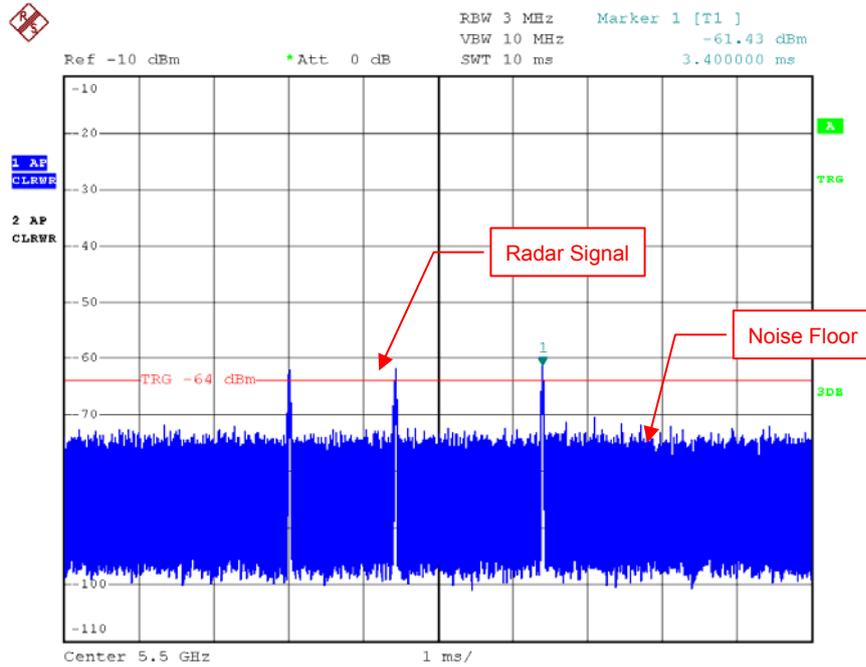
Single Burst of Radar Signal 5

RBW 3 MHz　　Marker 1 [T1]
VBW 10 MHz　　　　　－61.09 dBm
SWT 10 ms　　　　　1.680000 ms

Ref -10 dBm　　　*Att　0 dB

Center 5.5 GHz　　　　　　1 ms/

Radar Signal

Noise Floor
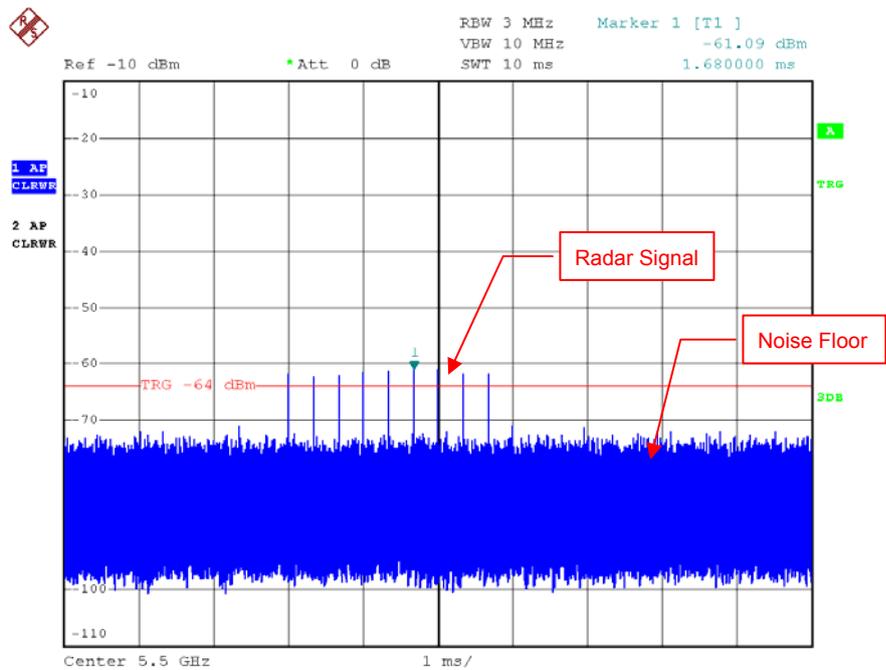
Radar Signal 6

6.2.2 U-NII DETECTION BANDWIDTH

IEEE 802.11N 20MHz
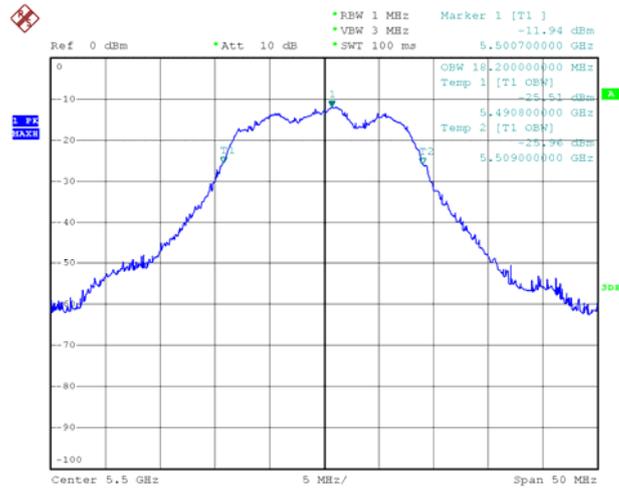
U-NII 99% Channel bandwidth

IEEE 802.11N 40MHz
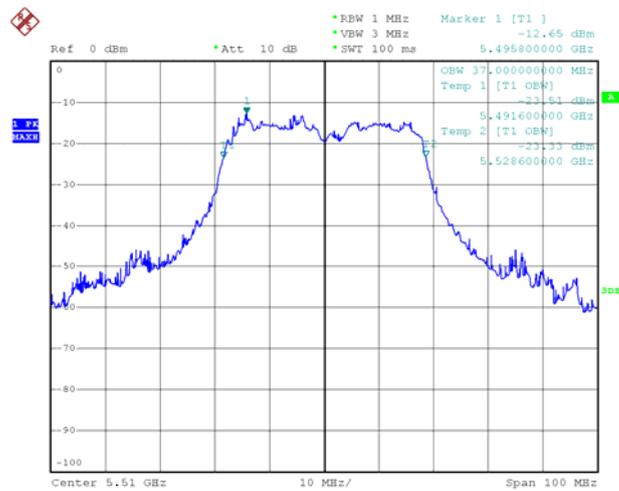
U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11N 20MHz											
EUT Frequency: 5500MHz											
EUT 99% Power bandwidth: 18.2MHz											
Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.56MHz											
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	N	Y	Y	Y	90
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	N	Y	Y	Y	Y	Y	90
5511	N	N	N	N	N	N	N	N	N	N	0

Detection Bandwidth Test - IEEE 802.11N 40MHz											
EUT Frequency: 5510MHz											
EUT 99% Power bandwidth: 37MHz											
Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.6MHz											
Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz											
Test Result : PASS											

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100

5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530(FH)	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	90
5531	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
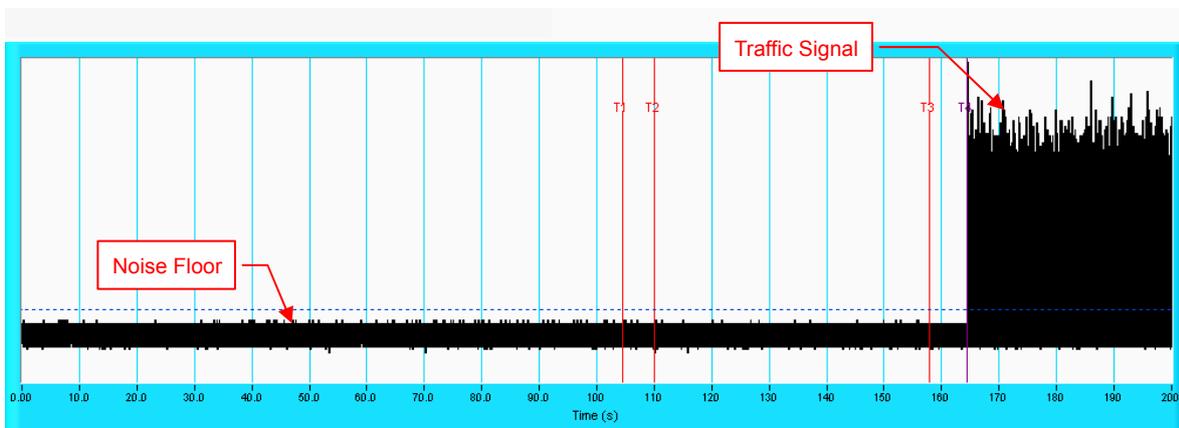
NOTE: T1 denotes the end of power-up time period is 104th second. T4 denotes the end of Channel Availability Check time is 164th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time
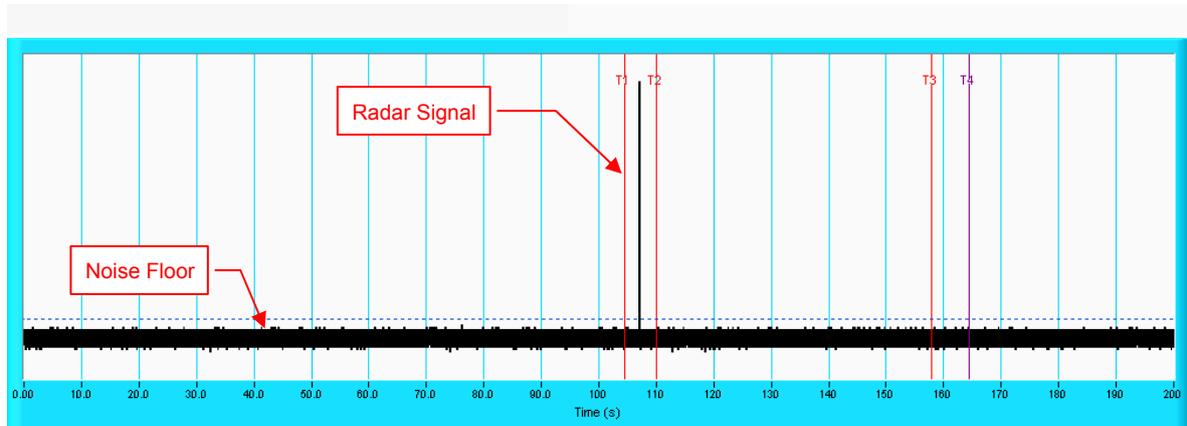
NOTE: T1 denotes the end of power up time period is 104th second. T2 denotes 110th second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 164th second.

Radar Burst at the End of the Channel Availability Check Time
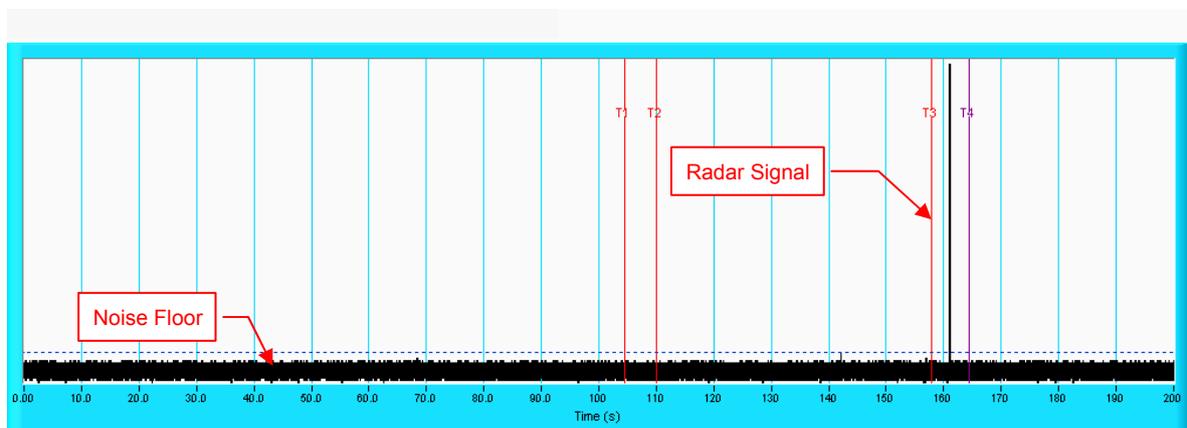
NOTE: T1 denotes the end of power up time period is 104th second. T3 denotes 158th second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 164th second.

6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

Wireless Traffic Loading

IEEE 802.11N 20MHz
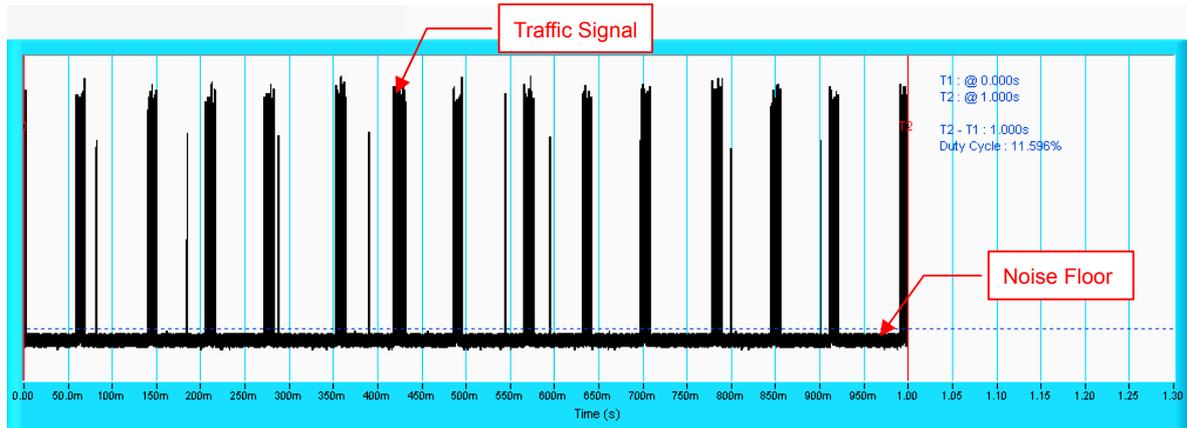
IEEE 802.11N 40MHz
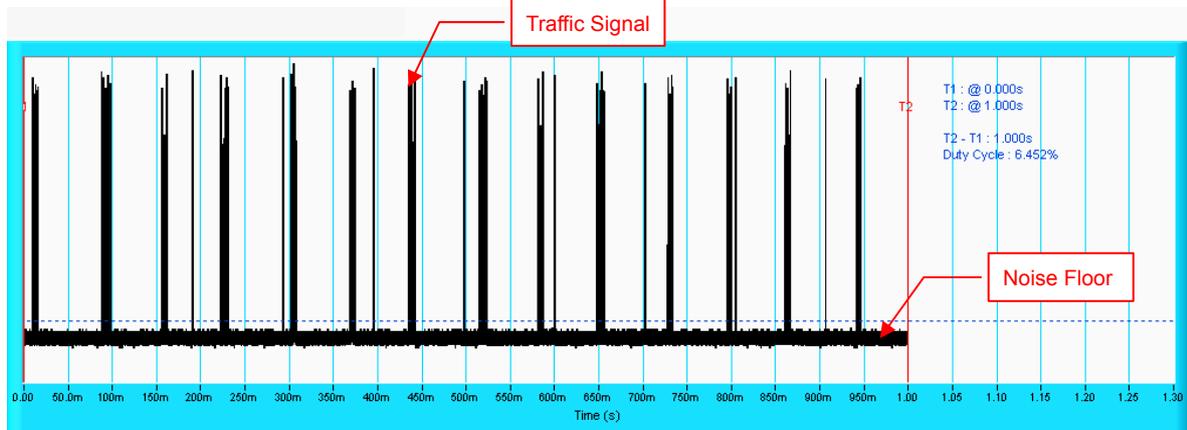
IEEE 802.11N 20MHz

Table 1: Short Pulse Radar Test Waveforms.

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

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

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

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

IEEE 802.11N 40MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	100
3	6-10	200-500	16-18	30	96.7
4	11-20	200-500	12-16	30	96.7
Aggregate (Radar Types 1-4)				120	98.35

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

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

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

Radar signal 1
IEEE 802.11N 20MHz
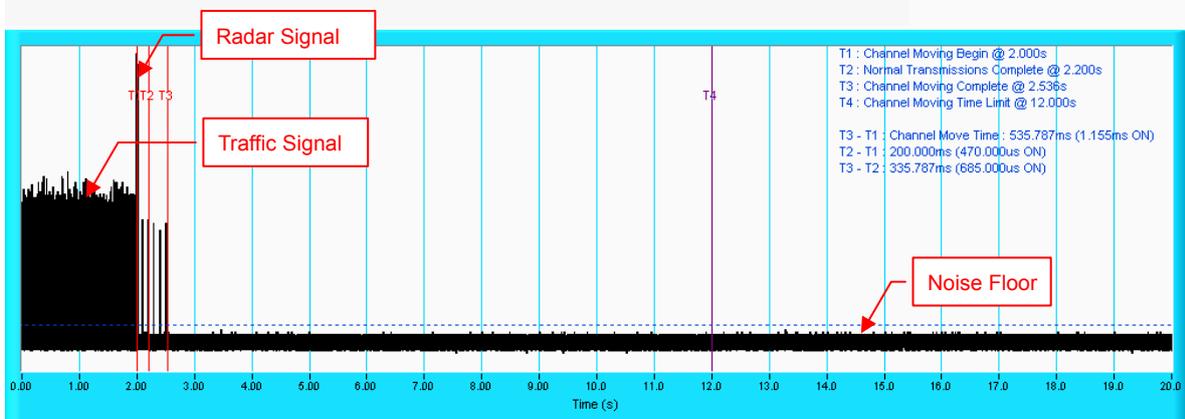
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.
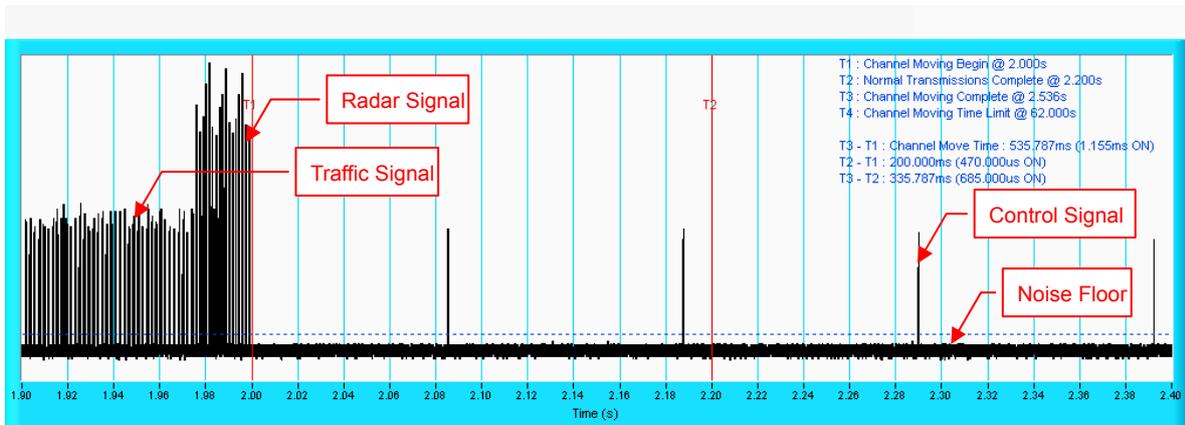
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

IEEE 802.11N 20MHz
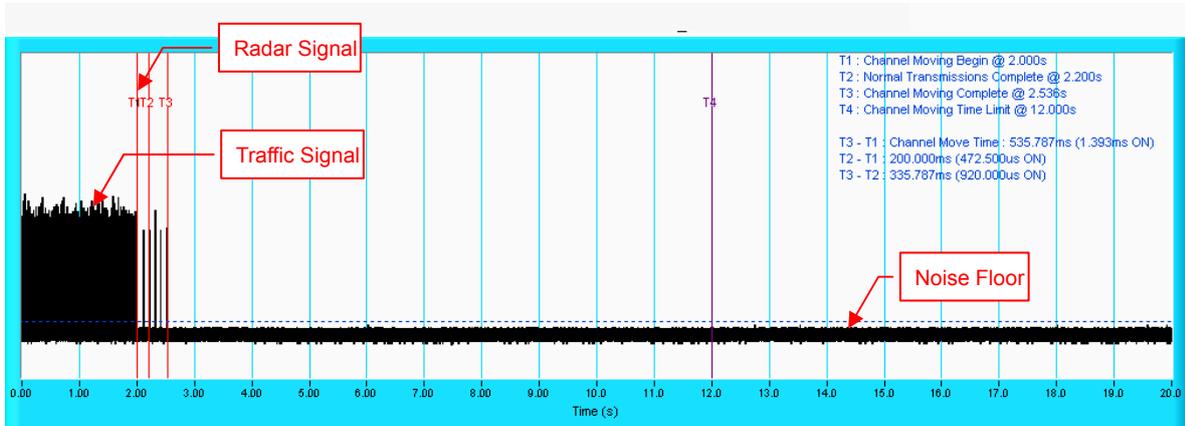
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.
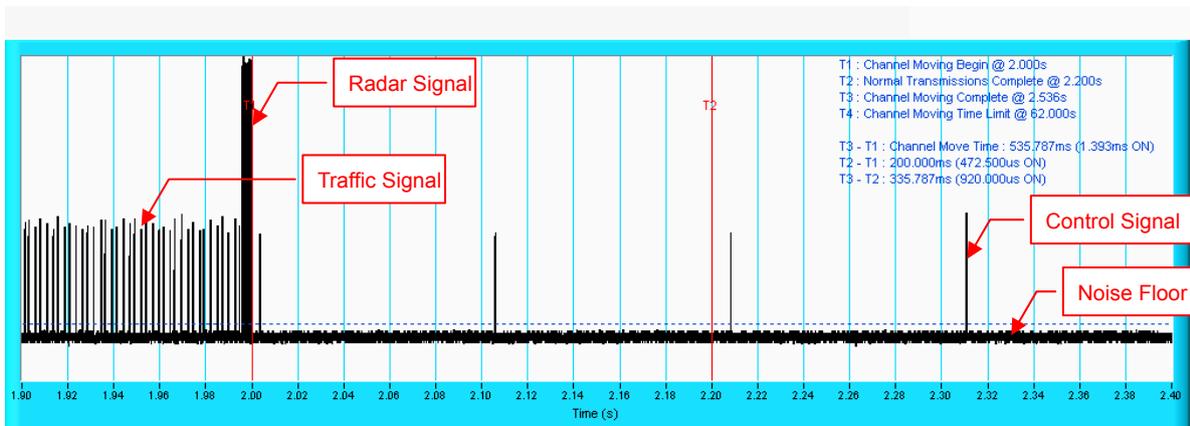
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3
IEEE 802.11N 20MHz
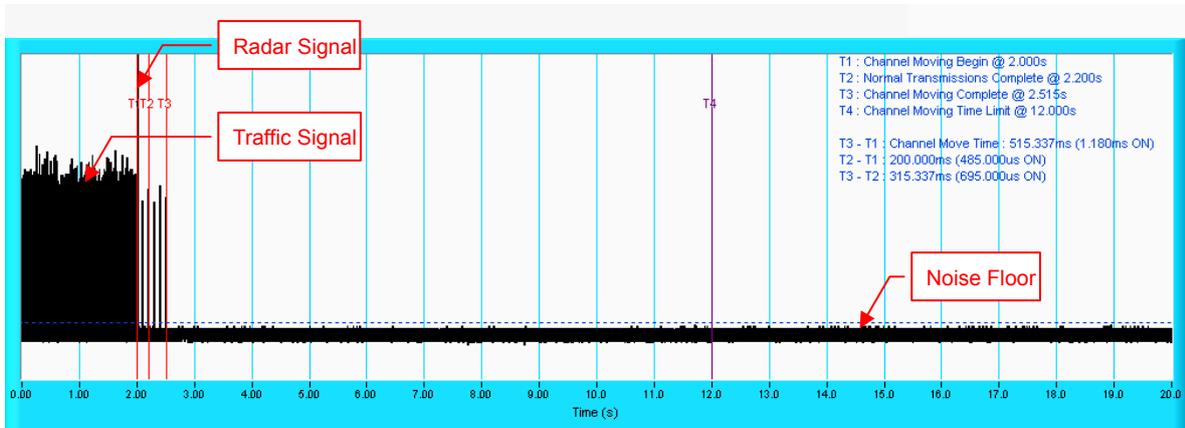
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.
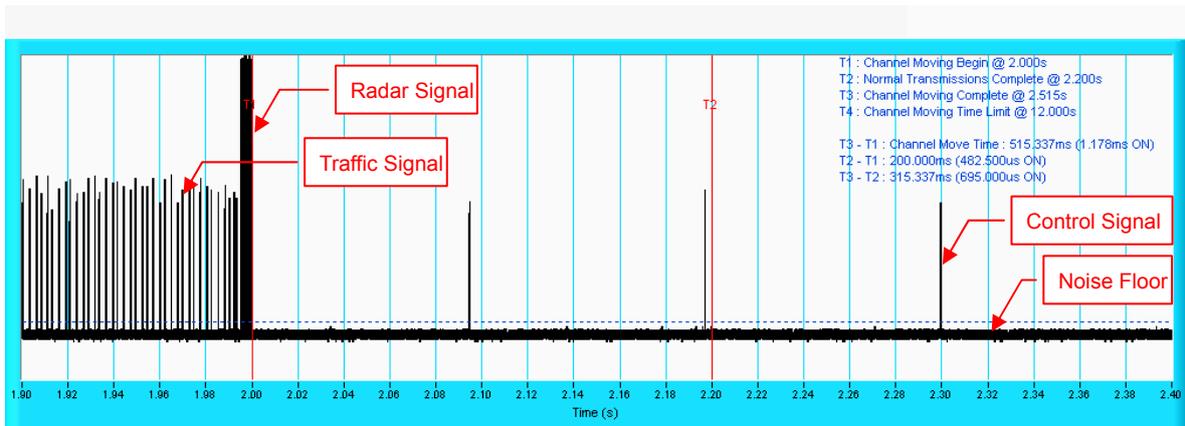
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4
IEEE 802.11N 20MHz
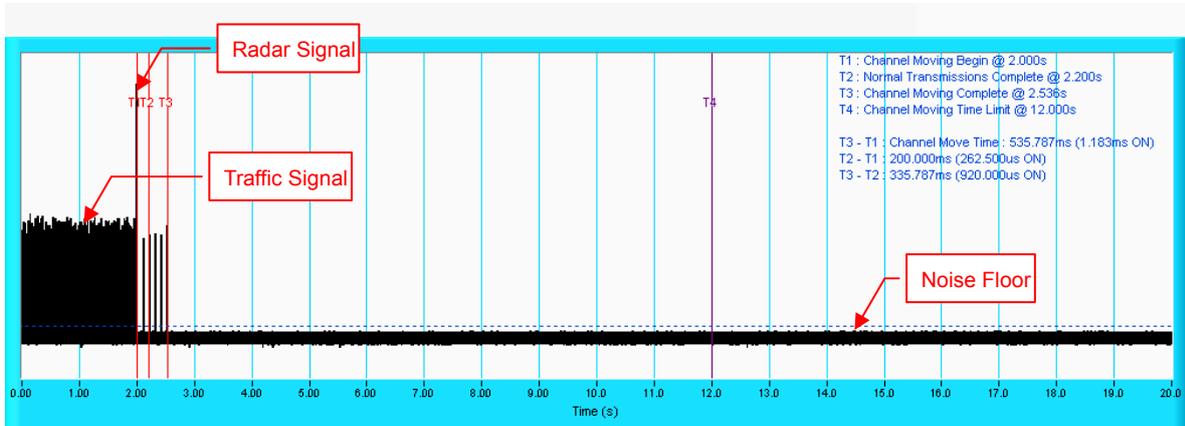
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.
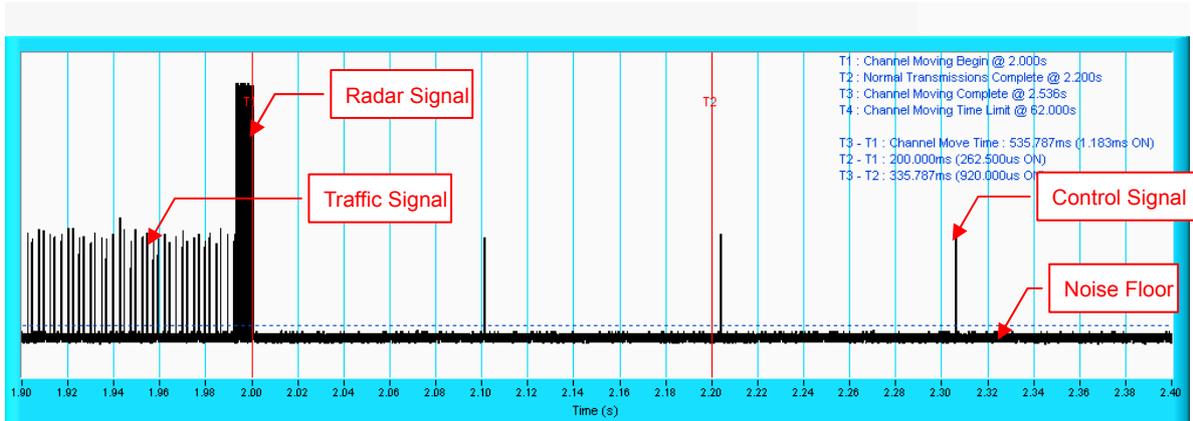
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 5
IEEE 802.11N 20MHz
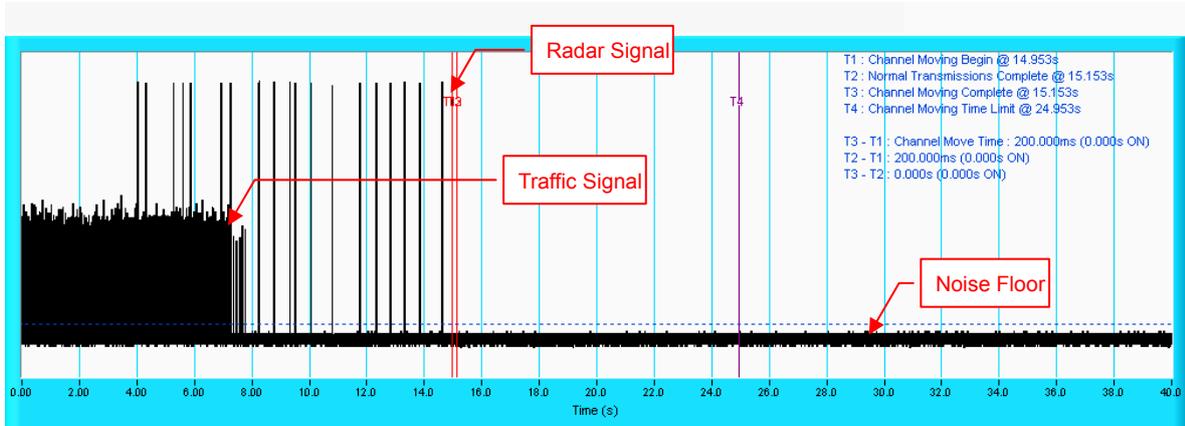
T1 : Channel Moving Begin @ 14.953s
T2 : Normal Transmissions Complete @ 15.153s
T3 : Channel Moving Complete @ 15.153s
T4 : Channel Moving Time Limit @ 24.953s

T3 - T1 : Channel Move Time : 200.000ms (0.000s ON)
T2 - T1 : 200.000ms (0.000s ON)
T3 - T2 : 0.000s (0.000s ON)

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.

T1 : Channel Moving Begin @ 14.953s
T2 : Normal Transmissions Complete @ 15.153s
T3 : Channel Moving Complete @ 15.153s
T4 : Channel Moving Time Limit @ 74.953s

T3 - T1 : Channel Move Time : 200.000ms (0.000s ON)
T2 - T1 : 200.000ms (0.000s ON)
T3 - T2 : 0.000s (0.000s ON)
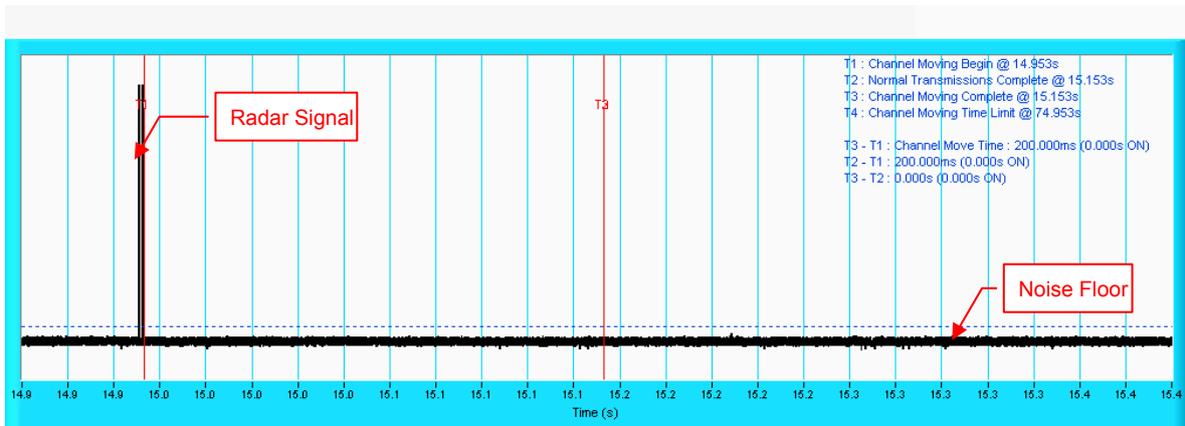
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 6
IEEE 802.11N 20MHz
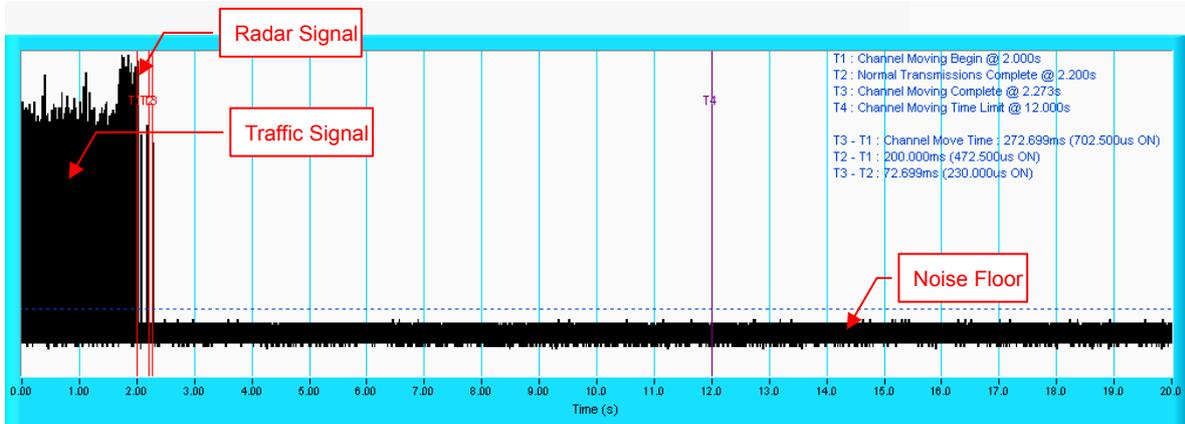
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.
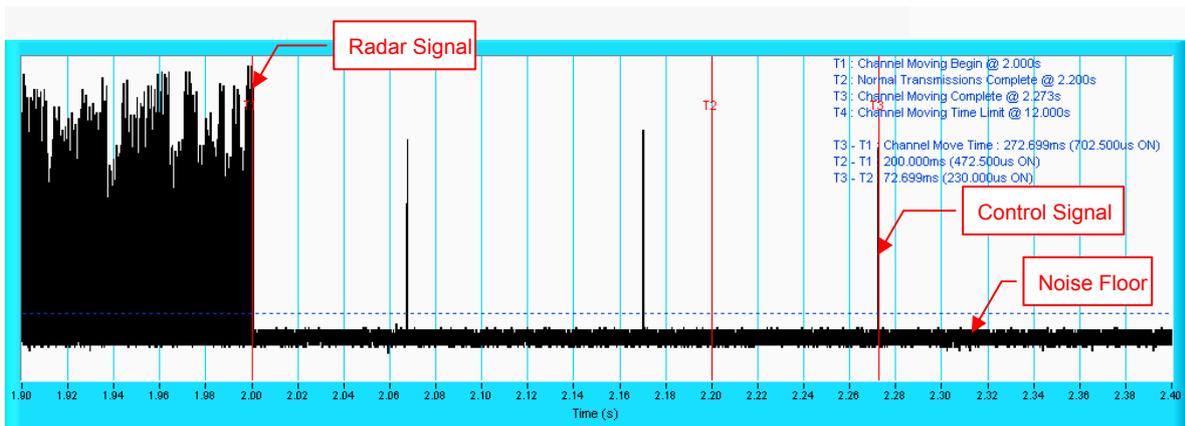
NOTE: Room-in of the first 500ms after radar signal applied.

6.2.5 NON- OCCUPANCY PERIOD

Associate test:

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

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

Waveform of EUT links up with Master
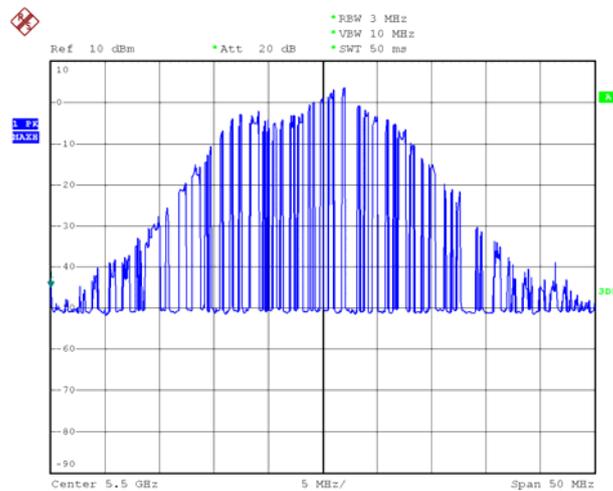
2) Client plays specified files via master.

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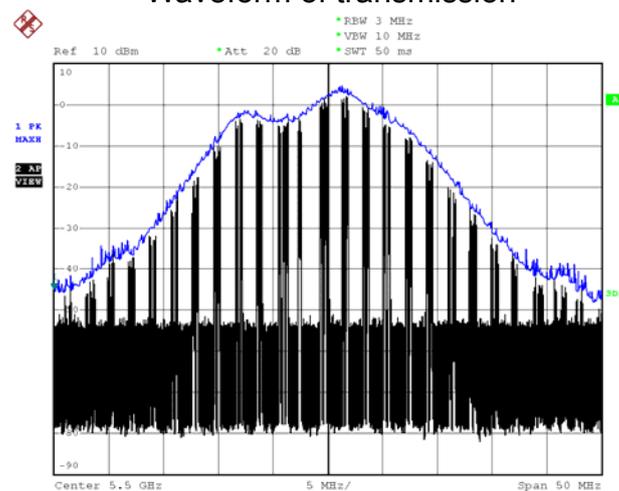
3) Radar signal is applied to the Master device and WiFi traffic signal stop immediately.

Radar 1
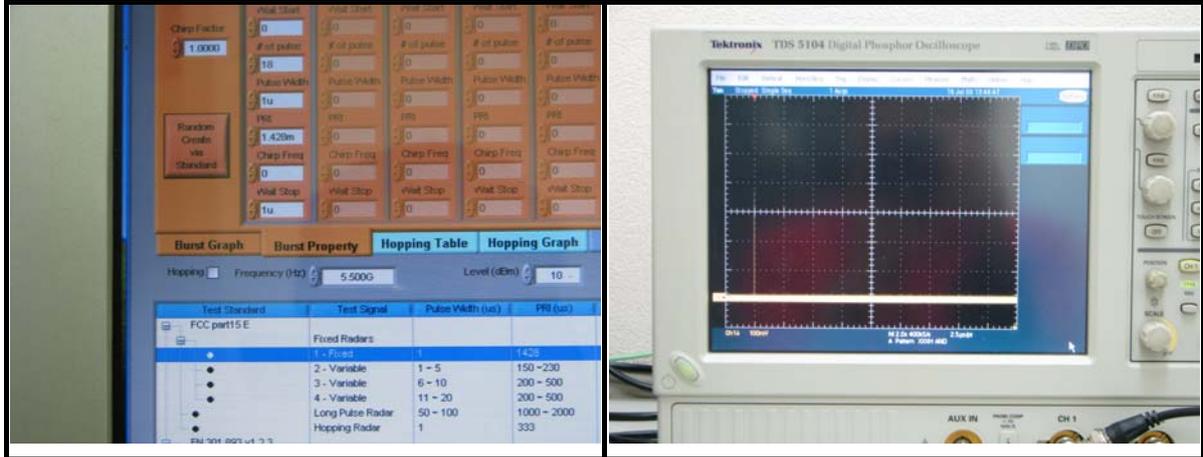
Radar 2

Radar 3
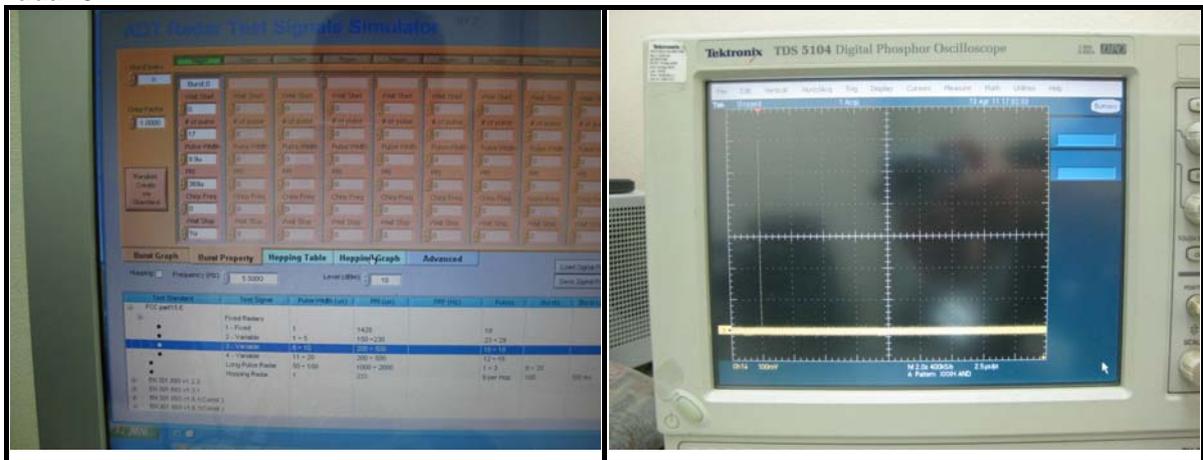
Radar 4
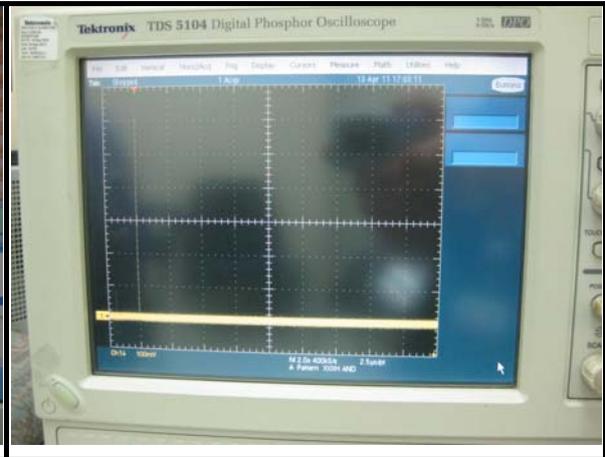
Radar 5
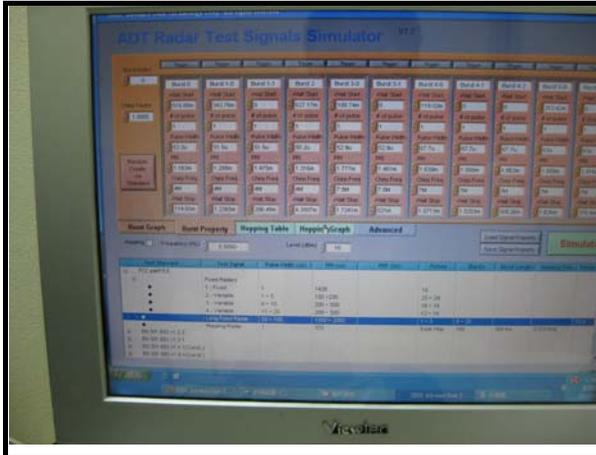
Radar 6
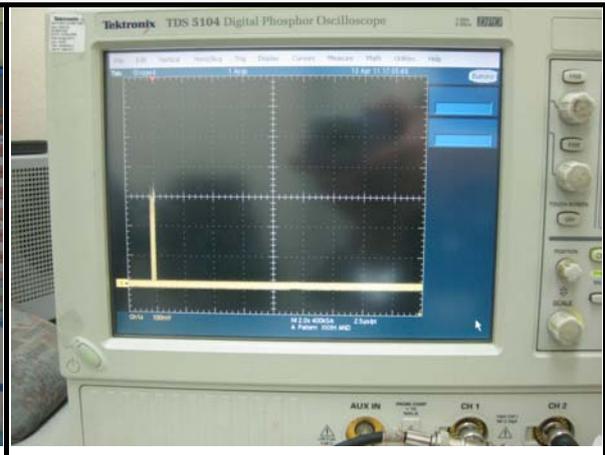
4) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11n 20MHz
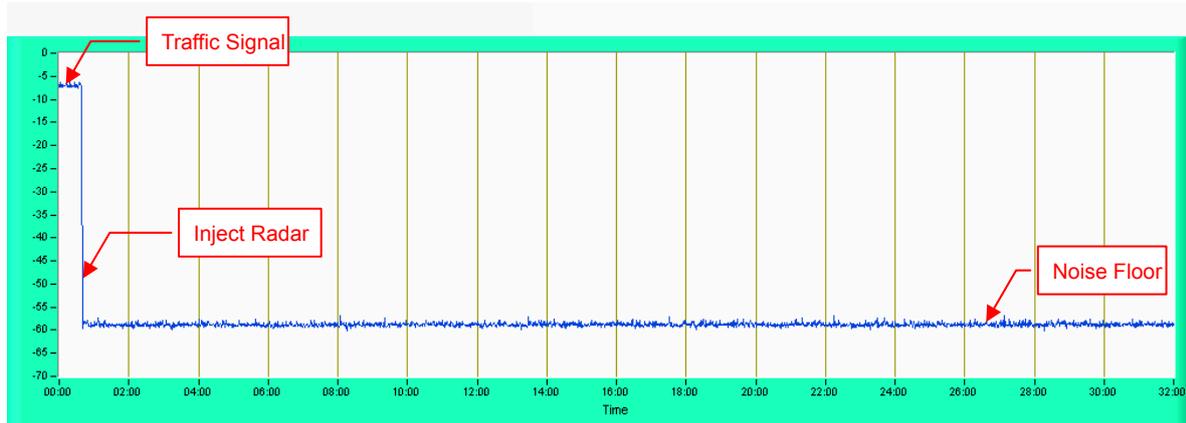
NOTE: Test setup are shown on Test set up photo.pdf

6.2.6 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT using the DFS bands 5250 to 5350MHz and 5470 to 5725 MHz channels so that the probability of selecting a given channel shall be the same for all channels.
The EUT will select channel by random mode and mark this channel after detecting radar signal, so that will select unused channel by random mode.

6.2.7 TRANSMIT POWER CONTROL (TPC)

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

7. INFORMATION ON THE TESTING LABORATORIES

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

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

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

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

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

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

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

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

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

---END---

Annex-A

Annex A.1 : The Detailed Radar pattern and Statistical Performance
IEEE 802.11N 20MHz

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	2.8u	168.0u	Yes
2	24	2.1u	198.0u	Yes
3	28	1.8u	193.0u	Yes
4	24	1.1u	199.0u	Yes
5	24	2.6u	210.0u	Yes
6	23	3.6u	220.0u	Yes
7	26	1.1u	154.0u	Yes
8	26	5.0u	167.0u	Yes
9	23	3.9u	176.0u	Yes
10	26	2.3u	201.0u	Yes
11	29	3.1u	155.0u	Yes
12	23	4.4u	166.0u	Yes
13	25	4.3u	174.0u	Yes
14	26	2.7u	171.0u	Yes
15	24	4.5u	226.0u	Yes
16	28	1.9u	176.0u	Yes
17	29	3.8u	185.0u	Yes
18	28	4.4u	201.0u	Yes
19	23	3.2u	152.0u	Yes
20	24	1.6u	150.0u	Yes
21	23	4.1u	212.0u	Yes
22	25	4.8u	221.0u	Yes
23	26	3.3u	181.0u	Yes
24	25	1.3u	167.0u	Yes
25	23	3.3u	196.0u	Yes
26	25	1.5u	189.0u	Yes
27	27	3.7u	229.0u	Yes
28	26	3.0u	164.0u	Yes
29	26	4.4u	192.0u	Yes
30	25	4.6u	183.0u	Yes
				Detection Rate: 100.0 %

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.8u	347.0u	Yes
2	17	9.2u	255.0u	Yes
3	17	8.7u	446.0u	Yes
4	18	9.7u	216.0u	Yes
5	16	9.1u	341.0u	Yes
6	16	6.5u	289.0u	Yes
7	18	7.5u	205.0u	Yes
8	17	6.8u	223.0u	Yes
9	16	9.8u	333.0u	Yes
10	17	7.4u	215.0u	Yes
11	17	8.0u	500.0u	Yes
12	16	8.9u	497.0u	Yes
13	16	7.3u	212.0u	Yes
14	18	6.9u	426.0u	Yes
15	16	10.0u	473.0u	Yes
16	17	8.8u	242.0u	Yes
17	18	8.5u	360.0u	Yes
18	16	8.1u	334.0u	Yes
19	17	8.8u	425.0u	Yes
20	16	9.1u	464.0u	Yes
21	17	8.1u	270.0u	Yes
22	17	6.0u	463.0u	Yes
23	17	7.0u	312.0u	Yes
24	18	9.7u	478.0u	Yes
25	16	8.2u	396.0u	Yes
26	18	9.6u	290.0u	Yes
27	16	9.5u	498.0u	Yes
28	17	6.4u	465.0u	Yes
29	17	7.9u	222.0u	Yes
30	18	8.4u	225.0u	Yes
			Detection Rate: 100.0 %	

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	19.5u	269.0u	Yes
2	13	16.5u	281.0u	Yes
3	16	14.6u	357.0u	Yes
4	16	16.0u	216.0u	Yes
5	14	12.3u	363.0u	Yes
6	14	15.0u	387.0u	Yes
7	13	14.8u	403.0u	Yes
8	13	11.4u	211.0u	Yes
9	12	15.2u	287.0u	Yes
10	15	13.4u	300.0u	Yes
11	12	17.8u	458.0u	Yes
12	13	16.0u	428.0u	Yes
13	14	11.5u	372.0u	Yes
14	16	13.3u	295.0u	Yes
15	14	17.3u	436.0u	Yes
16	15	11.7u	372.0u	Yes
17	13	17.4u	401.0u	Yes
18	14	13.5u	471.0u	Yes
19	13	12.7u	291.0u	Yes
20	15	18.2u	412.0u	Yes
21	15	19.8u	226.0u	Yes
22	16	13.8u	446.0u	Yes
23	14	15.1u	293.0u	Yes
24	14	18.9u	248.0u	Yes
25	13	18.8u	435.0u	Yes
26	15	16.2u	408.0u	Yes
27	15	11.9u	473.0u	Yes
28	13	18.6u	385.0u	Yes
29	13	13.8u	328.0u	Yes
30	13	18.5u	424.0u	Yes
				Detection Rate: 100.0 %

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 100.0 %

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 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	19M	50.2u	1.366m	1.713m	350.3m
2	2	7M	73.2u	1.740m	-	357.7m
3	1	15M	86.7u	-	-	502.6m
4	2	15M	67.8u	1.809m	-	551.3m
5	1	15M	74.3u	-	-	362.3m
6	3	17M	70.5u	1.415m	1.626m	98.32m
7	3	19M	87.0u	1.497m	1.454m	391.8m
8	1	16M	64.4u	-	-	575.7m
9	3	9M	60.3u	1.417m	980.7u	19.39m
10	2	7M	81.6u	1.616m	-	256.6m
11	2	20M	58.5u	1.293m	-	107.3m
12	2	19M	51.4u	1.407m	-	449.8m
13	3	10M	91.4u	1.284m	1.165m	27.39m
14	2	13M	64.3u	974.7u	-	466.1m
15	1	9M	62.8u	-	-	224.0m
16	2	7M	66.9u	1.859m	-	322.1m
17	3	17M	85.1u	1.829m	1.499m	623.7m
18	2	6M	73.6u	1.041m	-	280.5m
19	1	8M	95.7u	-	-	318.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	73.8u	990.2u	-	736.6m
2	3	17M	97.0u	1.658m	1.204m	664.3m
3	1	9M	73.4u	-	-	172.3m
4	2	19M	57.0u	1.124m	-	13.31m
5	2	15M	81.2u	1.306m	-	609.4m
6	1	11M	99.7u	-	-	686.1m
7	1	15M	78.6u	-	-	83.74m
8	2	6M	70.1u	1.581m	-	120.4m
9	3	18M	96.4u	1.389m	1.670m	357.7m
10	2	11M	75.1u	1.772m	-	674.9m
11	1	5M	75.0u	-	-	540.8m
12	3	13M	82.7u	1.610m	1.622m	33.52m
13	2	19M	88.2u	1.850m	-	242.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	94.6u	-	-	293.5m
2	2	6M	87.3u	1.438m	-	379.8m
3	3	9M	52.6u	1.180m	1.934m	978.0m
4	2	15M	79.4u	1.231m	-	232.9m
5	2	11M	88.8u	1.565m	-	454.9m
6	1	9M	65.5u	-	-	832.4m
7	1	8M	59.7u	-	-	150.3m
8	2	10M	70.5u	1.015m	-	39.62m
9	3	17M	92.7u	1.253m	1.820m	52.98m
10	2	8M	86.0u	1.009m	-	649.2m
11	2	7M	68.3u	942.7u	-	402.9m
12	2	7M	62.0u	1.520m	-	181.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	74.7u	1.605m	-	285.6m
2	3	13M	95.7u	1.693m	944.3u	1.131
3	1	13M	89.0u	-	-	275.3m
4	2	15M	90.8u	1.228m	-	987.5m
5	1	10M	81.7u	-	-	1.257
6	1	18M	54.6u	-	-	591.1m
7	2	12M	68.4u	1.395m	-	930.9m
8	2	11M	94.7u	1.194m	-	342.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	81.8u	-	-	4.197m
2	2	10M	59.3u	1.462m	-	57.06m
3	2	13M	77.3u	1.868m	-	720.1m
4	2	6M	86.8u	1.769m	-	281.7m
5	2	8M	83.6u	945.4u	-	99.23m
6	2	16M	56.6u	961.4u	-	421.4m
7	2	17M	55.1u	1.297m	-	550.8m
8	2	11M	97.7u	1.678m	-	294.7m
9	1	5M	51.3u	-	-	130.1m
10	3	17M	67.0u	1.859m	1.865m	72.27m
11	2	7M	75.5u	1.901m	-	615.3m
12	1	11M	67.7u	-	-	401.5m
13	3	10M	84.0u	1.818m	1.906m	723.9m
14	2	14M	64.0u	1.380m	-	194.1m
15	2	18M	63.4u	991.6u	-	222.8m

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	50.3u	-	-	737.4m
2	1	20M	84.2u	-	-	945.8m
3	1	10M	63.8u	-	-	1.001
4	1	7M	94.2u	-	-	570.6m
5	2	9M	67.7u	1.503m	-	920.9m
6	2	5M	99.7u	1.142m	-	991.5m
7	2	5M	56.1u	1.600m	-	1.043
8	1	7M	51.7u	-	-	910.6m
9	1	15M	89.4u	-	-	227.6m
10	2	14M	86.3u	1.715m	-	786.8m
11	3	12M	85.3u	1.588m	1.466m	626.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 11

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	75.8u	1.795m	1.274m	607.9m
2	2	10M	58.7u	1.412m	-	172.1m
3	1	19M	50.6u	-	-	104.3m
4	1	7M	69.2u	-	-	297.2m
5	2	9M	69.3u	1.393m	-	118.6m
6	3	17M	57.4u	1.647m	1.638m	279.1m
7	1	7M	52.7u	-	-	416.5m
8	3	14M	80.4u	1.899m	1.380m	281.9m
9	2	7M	51.6u	1.135m	-	391.8m
10	1	13M	95.5u	-	-	147.5m
11	2	14M	86.0u	1.792m	-	463.4m
12	1	19M	85.4u	-	-	302.0m
13	1	19M	64.5u	-	-	427.7m
14	2	12M	53.0u	1.826m	-	446.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	73.9u	1.275m	-	1.190
2	2	14M	82.9u	1.353m	-	479.4m
3	3	8M	59.3u	1.629m	1.382m	1.102
4	1	7M	55.7u	-	-	663.3m
5	2	10M	66.0u	1.191m	-	302.0m
6	3	17M	66.7u	1.217m	997.3u	570.2m
7	2	13M	67.7u	1.772m	-	927.7m
8	2	8M	76.4u	1.451m	-	968.6m
9	2	7M	94.1u	1.469m	-	625.7m
10	1	8M	61.8u	-	-	655.2m

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	15M	94.5u	915.5u	1.159m	94.69m
2	1	17M	97.4u	-	-	308.9m
3	2	8M	74.9u	1.871m	-	423.4m
4	2	13M	56.4u	1.735m	-	364.4m
5	2	16M	92.8u	1.604m	-	424.4m
6	1	18M	60.2u	-	-	766.7m
7	2	19M	56.4u	1.430m	-	452.2m
8	1	10M	96.2u	-	-	276.0m
9	1	15M	74.6u	-	-	382.6m
10	2	18M	60.7u	1.623m	-	979.4m
11	2	17M	75.1u	1.433m	-	77.86m
12	3	17M	65.2u	1.829m	1.428m	626.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	70.5u	1.043m	-	56.65m
2	1	20M	83.5u	-	-	506.7m
3	1	11M	99.3u	-	-	464.8m
4	3	15M	72.4u	1.593m	1.396m	244.5m
5	2	16M	86.5u	1.628m	-	187.4m
6	2	12M	67.8u	1.560m	-	558.7m
7	2	13M	54.8u	1.035m	-	230.4m
8	2	18M	85.3u	1.465m	-	135.7m
9	1	14M	79.3u	-	-	268.9m
10	3	12M	70.1u	1.825m	1.544m	565.9m
11	2	9M	73.6u	991.4u	-	244.6m
12	1	9M	62.4u	-	-	405.3m
13	2	19M	57.1u	970.9u	-	288.6m
14	3	11M	79.1u	1.700m	1.262m	153.7m
15	2	10M	85.2u	1.834m	-	420.4m
16	2	9M	62.1u	1.334m	-	298.0m
17	3	7M	62.4u	1.066m	1.908m	180.8m
18	3	10M	79.0u	968.0u	1.279m	217.4m
19	2	19M	82.9u	982.1u	-	266.2m
20	1	8M	70.3u	-	-	12.23m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	53.0u	1.018m	1.514m	591.2m
2	3	17M	88.3u	1.658m	1.672m	645.8m
3	2	8M	67.2u	989.8u	-	241.4m
4	2	15M	91.0u	1.435m	-	628.4m
5	2	12M	90.1u	927.9u	-	128.4m
6	1	12M	76.0u	-	-	23.77m
7	2	13M	71.7u	1.415m	-	333.3m
8	2	9M	72.2u	1.039m	-	451.6m
9	1	9M	50.6u	-	-	630.9m
10	1	18M	79.8u	-	-	200.9m
11	2	19M	64.5u	1.583m	-	118.0m
12	2	7M	97.2u	1.709m	-	506.0m
13	1	15M	96.2u	-	-	430.5m
14	2	14M	99.3u	1.846m	-	123.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	80.5u	1.056m	-	519.8m
2	3	19M	53.6u	1.080m	1.823m	364.8m
3	2	14M	53.8u	1.213m	-	278.4m
4	2	19M	75.4u	1.825m	-	666.8m
5	1	16M	64.1u	-	-	162.7m
6	2	11M	61.8u	1.593m	-	229.6m
7	1	14M	86.0u	-	-	720.1m
8	2	11M	76.2u	1.653m	-	783.8m
9	2	10M	79.5u	1.811m	-	565.0m
10	2	11M	90.0u	1.309m	-	403.5m
11	1	14M	62.3u	-	-	332.0m
12	3	7M	59.7u	1.711m	1.763m	426.8m
13	3	10M	89.3u	1.865m	1.608m	690.5m
14	1	15M	69.1u	-	-	17.30m
15	1	12M	63.9u	-	-	733.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	68.6u	-	-	597.7m
2	2	9M	94.3u	980.7u	-	511.3m
3	3	6M	71.5u	1.756m	1.174m	105.3m
4	2	13M	62.3u	1.203m	-	634.7m
5	3	7M	91.3u	1.050m	1.680m	494.3m
6	2	16M	95.7u	1.281m	-	622.0m
7	1	12M	65.1u	-	-	179.8m
8	1	13M	58.6u	-	-	579.6m
9	3	15M	58.7u	1.306m	1.359m	46.23m
10	2	15M	74.3u	1.376m	-	610.2m
11	1	12M	55.3u	-	-	23.92m
12	2	16M	65.3u	1.035m	-	431.6m
13	1	14M	62.7u	-	-	637.7m
14	2	10M	73.2u	1.859m	-	402.8m
15	1	10M	52.3u	-	-	319.0m
16	2	5M	56.8u	1.426m	-	533.6m
17	3	16M	63.7u	1.457m	1.194m	498.9m
18	2	11M	77.3u	1.907m	-	142.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	85.8u	992.2u	-	964.0m
2	3	15M	79.4u	1.148m	1.588m	168.0m
3	1	18M	95.6u	-	-	321.7m
4	1	19M	77.3u	-	-	931.7m
5	2	6M	76.5u	1.051m	-	1.027
6	3	8M	68.3u	1.801m	1.511m	1.079
7	1	8M	93.8u	-	-	520.6m
8	1	15M	52.9u	-	-	338.5m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	82.1u	1.517m	-	564.4m
2	1	13M	53.7u	-	-	889.3m
3	1	5M	60.0u	-	-	397.1m
4	2	8M	87.1u	1.583m	-	457.8m
5	3	9M	92.5u	1.585m	1.514m	331.7m
6	1	5M	59.9u	-	-	224.1m
7	2	18M	92.2u	1.516m	-	119.9m
8	2	9M	98.5u	1.157m	-	406.5m
9	2	14M	59.8u	1.017m	-	603.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	7M	53.9u	1.543m	-	238.9m
2	2	18M	53.9u	1.670m	-	855.9m
3	2	10M	67.3u	1.584m	-	138.5m
4	2	19M	53.5u	1.912m	-	77.37m
5	3	15M	70.0u	1.237m	1.331m	124.5m
6	1	14M	88.2u	-	-	427.1m
7	1	7M	79.6u	-	-	48.27m
8	3	10M	65.0u	1.061m	1.557m	890.5m
9	1	8M	86.2u	-	-	860.1m
10	1	11M	93.5u	-	-	24.55m
11	2	9M	70.9u	939.1u	-	265.8m
12	2	14M	89.5u	1.223m	-	482.5m
13	2	7M	82.8u	1.134m	-	704.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	60.8u	1.342m	-	397.3m
2	1	7M	62.5u	-	-	491.5m
3	3	11M	55.4u	946.6u	1.547m	650.6m
4	2	8M	50.3u	1.889m	-	534.4m
5	2	16M	61.7u	1.602m	-	4.542m
6	1	17M	73.3u	-	-	107.6m
7	3	11M	57.5u	1.422m	1.679m	164.7m
8	2	11M	60.8u	1.172m	-	336.0m
9	2	15M	95.8u	1.274m	-	538.4m
10	3	12M	63.5u	1.530m	1.164m	522.6m
11	1	17M	73.1u	-	-	409.9m
12	1	15M	71.4u	-	-	559.5m
13	1	16M	78.2u	-	-	8.619m
14	2	9M	63.8u	1.076m	-	175.2m
15	2	10M	76.9u	1.127m	-	83.94m
16	1	19M	50.6u	-	-	466.1m

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	18M	75.6u	1.050m	-	626.1m
2	3	12M	75.2u	981.8u	1.612m	438.2m
3	1	11M	73.2u	-	-	677.1m
4	3	18M	64.2u	1.389m	1.061m	15.84m
5	2	14M	94.9u	1.728m	-	94.55m
6	2	6M	67.5u	1.523m	-	513.2m
7	2	7M	95.1u	1.847m	-	537.2m
8	2	10M	95.0u	1.693m	-	263.8m
9	2	19M	58.3u	1.180m	-	327.3m
10	2	5M	64.7u	1.227m	-	254.4m
11	3	10M	99.0u	1.193m	1.153m	411.4m
12	3	18M	57.8u	1.026m	1.435m	232.6m
13	3	10M	88.9u	984.1u	961.1u	750.4m
14	2	11M	66.6u	1.599m	-	727.8m
15	2	12M	89.9u	1.652m	-	532.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	69.2u	996.8u	-	696.7m
2	2	17M	83.6u	1.578m	-	650.1m
3	3	10M	61.8u	1.096m	1.433m	63.85m
4	3	11M	80.4u	1.198m	1.381m	375.9m
5	2	14M	81.2u	1.246m	-	728.8m
6	2	10M	95.3u	941.7u	-	937.0m
7	3	8M	94.2u	1.444m	1.008m	783.9m
8	2	14M	80.4u	1.422m	-	646.0m
9	2	11M	81.9u	1.375m	-	527.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	75.8u	1.039m	977.2u	760.3m
2	2	9M	97.3u	1.346m	-	600.6m
3	3	6M	78.6u	970.4u	1.548m	900.2m
4	2	13M	82.7u	1.413m	-	278.4m
5	3	16M	78.5u	927.5u	1.326m	827.7m
6	2	17M	87.6u	1.262m	-	274.3m
7	3	6M	61.1u	1.428m	1.437m	111.9m
8	1	9M	92.6u	-	-	878.3m
9	2	12M	95.6u	1.773m	-	88.54m
10	3	10M	98.0u	1.222m	1.632m	43.12m
11	2	16M	90.1u	1.088m	-	416.7m

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	2	15M	53.0u	1.136m	-	325.2m
2	3	14M	52.0u	1.827m	1.781m	274.2m
3	1	19M	61.9u	-	-	363.4m
4	2	18M	93.7u	1.216m	-	317.2m
5	2	7M	76.1u	1.448m	-	952.2m
6	2	13M	63.3u	1.685m	-	510.1m
7	3	20M	58.0u	1.549m	1.558m	536.0m
8	3	9M	80.1u	1.825m	1.322m	521.5m
9	2	10M	72.5u	1.778m	-	189.5m
10	1	19M	81.9u	-	-	980.4m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	94.5u	-	-	298.5m
2	2	20M	60.8u	1.221m	-	1.147
3	2	13M	88.6u	1.082m	-	312.5m
4	1	14M	70.0u	-	-	1.083
5	2	17M	65.2u	1.852m	-	147.7m
6	2	15M	67.4u	1.472m	-	547.0m
7	2	19M	82.2u	1.258m	-	430.0m
8	3	18M	72.4u	1.650m	1.248m	199.5m
9	2	8M	64.0u	1.421m	-	489.3m
10	2	14M	68.3u	1.777m	-	840.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	78.0u	-	-	121.7m
2	2	8M	74.5u	1.574m	-	24.38m
3	3	15M	61.1u	1.683m	1.512m	154.5m
4	3	19M	78.1u	961.9u	1.836m	193.4m
5	2	15M	51.2u	1.494m	-	367.6m
6	2	17M	85.1u	1.620m	-	69.43m
7	2	9M	50.5u	1.695m	-	176.1m
8	3	5M	66.2u	1.317m	1.501m	256.4m
9	2	12M	52.6u	1.909m	-	306.9m
10	2	17M	91.8u	1.709m	-	692.1m
11	2	12M	86.8u	1.233m	-	162.4m
12	2	9M	55.8u	945.2u	-	139.9m
13	3	12M	91.8u	917.2u	963.2u	191.6m
14	3	14M	65.1u	1.053m	1.585m	105.5m
15	3	19M	74.3u	999.7u	1.687m	471.9m
16	3	15M	83.1u	1.766m	1.139m	155.0m
17	2	19M	53.5u	1.066m	-	537.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 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	87.3u	1.678m	1.641m	517.4m
2	2	16M	83.6u	1.209m	-	806.2m
3	2	9M	59.2u	1.333m	-	244.8m
4	2	8M	99.8u	1.180m	-	254.2m
5	3	6M	86.7u	1.748m	1.307m	910.4m
6	1	11M	66.5u	-	-	475.9m
7	2	16M	74.4u	1.504m	-	679.3m
8	3	15M	90.1u	920.9u	1.482m	574.8m
9	2	6M	61.3u	1.901m	-	312.0m
10	1	12M	73.7u	-	-	290.9m
11	3	18M	61.6u	1.586m	1.173m	54.18m
12	2	11M	61.3u	943.7u	-	956.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	81.5u	1.770m	1.416m	384.8m
2	3	8M	80.6u	1.687m	1.137m	63.76m
3	3	11M	51.6u	1.474m	1.799m	374.8m
4	3	20M	76.2u	1.316m	1.485m	33.20m
5	2	10M	91.6u	1.140m	-	75.45m
6	3	5M	85.2u	1.004m	1.429m	44.15m
7	2	13M	66.2u	1.134m	-	257.3m
8	2	8M	85.8u	1.845m	-	346.2m
9	3	16M	81.2u	1.909m	1.913m	399.4m
10	2	6M	97.6u	1.117m	-	133.5m
11	3	19M	64.1u	1.281m	1.300m	293.5m
12	3	18M	94.0u	1.250m	995.0u	268.4m
13	1	9M	68.4u	-	-	228.6m
14	3	11M	78.5u	1.279m	1.071m	60.95m
15	1	7M	75.7u	-	-	533.2m
16	3	7M	83.3u	1.675m	1.239m	545.2m
17	2	13M	68.1u	1.546m	-	403.1m
18	3	8M	80.8u	977.2u	1.626m	352.5m

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	62.6u	1.120m	1.615m	28.82m
2	1	5M	66.6u	-	-	567.4m
3	1	17M	79.1u	-	-	41.62m
4	3	17M	64.2u	1.532m	1.266m	487.4m
5	2	20M	71.3u	1.596m	-	470.8m
6	3	16M	86.0u	1.517m	1.399m	41.58m
7	1	20M	98.3u	-	-	620.9m
8	1	14M	93.5u	-	-	523.9m
9	2	19M	92.7u	1.306m	-	154.1m
10	2	11M	69.0u	1.381m	-	215.9m
11	2	5M	82.5u	1.848m	-	318.3m
12	2	14M	92.5u	1.396m	-	594.6m
13	2	13M	93.4u	1.388m	-	604.3m
14	2	6M	64.9u	1.164m	-	419.0m
15	1	6M	61.3u	-	-	94.02m
16	1	12M	81.3u	-	-	328.8m
17	2	6M	93.7u	1.878m	-	547.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 17

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_27
Number of Bursts in Trial: 8

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	52.6u	-	-	98.75m
2	2	16M	83.5u	1.710m	-	911.3m
3	1	15M	56.1u	-	-	479.9m
4	1	15M	81.2u	-	-	263.4m
5	2	12M	58.7u	1.220m	-	955.6m
6	3	9M	55.4u	1.932m	1.467m	1.183
7	3	20M	95.0u	1.492m	1.631m	112.9m
8	3	14M	67.4u	1.529m	1.463m	1.207

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
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	10M	65.0u	-	-	984.7m
2	2	19M	81.7u	989.3u	-	390.9m
3	1	11M	79.0u	-	-	948.2m
4	2	19M	99.3u	1.184m	-	278.2m
5	2	6M	62.3u	1.043m	-	702.8m
6	3	19M	86.8u	953.2u	1.674m	1.175
7	2	8M	63.8u	1.390m	-	35.63m
8	1	19M	68.0u	-	-	746.9m
9	3	8M	93.3u	1.888m	1.050m	1.082
10	2	11M	97.3u	965.7u	-	1.163

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	3	9M	76.6u	1.126m	1.413m	533.3m
2	2	18M	52.2u	1.837m	-	286.2m
3	2	15M	65.9u	1.118m	-	214.8m
4	1	8M	81.8u	-	-	309.6m
5	2	17M	62.6u	1.696m	-	819.7m
6	2	9M	72.4u	1.732m	-	912.9m
7	2	14M	91.4u	1.028m	-	647.8m
8	2	7M	60.9u	1.679m	-	641.7m
9	2	20M	60.7u	997.3u	-	387.3m
10	2	12M	90.3u	1.302m	-	553.3m
11	1	18M	95.4u	-	-	388.5m
12	3	14M	52.0u	976.0u	1.822m	729.3m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	5M	78.2u	1.405m	987.8u	137.9m
2	3	9M	64.4u	1.915m	1.522m	221.4m
3	2	11M	94.9u	1.099m	-	287.8m
4	2	7M	76.6u	1.074m	-	1.131
5	2	10M	50.4u	1.250m	-	14.66m
6	1	6M	95.7u	-	-	391.7m
7	2	8M	84.6u	1.573m	-	109.7m
8	2	15M	80.1u	1.832m	-	165.1m
9	2	6M	77.6u	1.171m	-	358.1m
10	2	13M	66.9u	1.359m	-	706.5m

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	5.611G	2	5.595G	3	5.303G	4	5.304G
5	5.351G	6	5.316G	7	5.289G	8	5.292G
9	5.719G	10	5.515G	11	5.485G	12	5.359G
13	5.356G	14	5.403G	15	5.406G	16	5.652G
17	5.402G	18	5.527G	19	5.291G	20	5.383G
21	5.333G	22	5.566G	23	5.490G	24	5.364G
25	5.688G	26	5.463G	27	5.397G	28	5.415G
29	5.401G	30	5.337G	31	5.496G	32	5.644G
33	5.656G	34	5.692G	35	5.503G	36	5.545G
37	5.568G	38	5.447G	39	5.421G	40	5.418G
41	5.312G	42	5.270G	43	5.263G	44	5.576G
45	5.265G	46	5.399G	47	5.400G	48	5.519G
49	5.630G	50	5.465G	51	5.596G	52	5.617G
53	5.309G	54	5.435G	55	5.520G	56	5.477G
57	5.494G	58	5.430G	59	5.513G	60	5.698G
61	5.468G	62	5.567G	63	5.336G	64	5.310G
65	5.473G	66	5.691G	67	5.592G	68	5.669G
69	5.470G	70	5.616G	71	5.551G	72	5.478G
73	5.603G	74	5.635G	75	5.313G	76	5.539G
77	5.559G	78	5.453G	79	5.660G	80	5.413G
81	5.685G	82	5.444G	83	5.476G	84	5.505G
85	5.368G	86	5.536G	87	5.535G	88	5.565G
89	5.275G	90	5.390G	91	5.366G	92	5.718G
93	5.498G	94	5.619G	95	5.277G	96	5.484G
97	5.407G	98	5.320G	99	5.377G	100	5.388G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.501G	2	5.477G	3	5.298G	4	5.688G
5	5.580G	6	5.707G	7	5.303G	8	5.259G
9	5.362G	10	5.704G	11	5.592G	12	5.575G
13	5.502G	14	5.484G	15	5.543G	16	5.610G
17	5.679G	18	5.533G	19	5.716G	20	5.452G
21	5.342G	22	5.655G	23	5.355G	24	5.409G
25	5.440G	26	5.590G	27	5.374G	28	5.636G
29	5.586G	30	5.536G	31	5.511G	32	5.720G
33	5.339G	34	5.265G	35	5.473G	36	5.411G
37	5.382G	38	5.603G	39	5.331G	40	5.422G
41	5.447G	42	5.278G	43	5.274G	44	5.420G
45	5.442G	46	5.416G	47	5.352G	48	5.336G
49	5.519G	50	5.674G	51	5.579G	52	5.715G
53	5.356G	54	5.348G	55	5.283G	56	5.314G
57	5.607G	58	5.373G	59	5.478G	60	5.678G
61	5.485G	62	5.388G	63	5.700G	64	5.482G
65	5.302G	66	5.428G	67	5.559G	68	5.451G
69	5.460G	70	5.364G	71	5.343G	72	5.649G
73	5.252G	74	5.463G	75	5.269G	76	5.281G
77	5.645G	78	5.562G	79	5.684G	80	5.284G
81	5.426G	82	5.633G	83	5.277G	84	5.537G
85	5.330G	86	5.386G	87	5.565G	88	5.288G
89	5.582G	90	5.500G	91	5.322G	92	5.445G
93	5.256G	94	5.573G	95	5.264G	96	5.646G
97	5.320G	98	5.616G	99	5.429G	100	5.619G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.672G	2	5.344G	3	5.668G	4	5.354G
5	5.330G	6	5.329G	7	5.529G	8	5.413G
9	5.315G	10	5.532G	11	5.555G	12	5.565G
13	5.716G	14	5.559G	15	5.307G	16	5.528G
17	5.397G	18	5.487G	19	5.687G	20	5.641G
21	5.250G	22	5.320G	23	5.701G	24	5.436G
25	5.265G	26	5.382G	27	5.573G	28	5.592G
29	5.647G	30	5.424G	31	5.594G	32	5.517G
33	5.499G	34	5.523G	35	5.602G	36	5.522G
37	5.570G	38	5.321G	39	5.435G	40	5.392G
41	5.646G	42	5.657G	43	5.539G	44	5.625G
45	5.717G	46	5.251G	47	5.432G	48	5.337G
49	5.572G	50	5.302G	51	5.524G	52	5.312G
53	5.481G	54	5.498G	55	5.252G	56	5.620G
57	5.636G	58	5.388G	59	5.343G	60	5.586G
61	5.373G	62	5.619G	63	5.601G	64	5.470G
65	5.274G	66	5.421G	67	5.273G	68	5.674G
69	5.325G	70	5.547G	71	5.669G	72	5.438G
73	5.398G	74	5.458G	75	5.420G	76	5.455G
77	5.552G	78	5.534G	79	5.469G	80	5.271G
81	5.298G	82	5.518G	83	5.690G	84	5.543G
85	5.341G	86	5.336G	87	5.497G	88	5.359G
89	5.287G	90	5.631G	91	5.605G	92	5.468G
93	5.367G	94	5.652G	95	5.579G	96	5.347G
97	5.457G	98	5.613G	99	5.462G	100	5.345G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.704G	2	5.397G	3	5.318G	4	5.711G
5	5.599G	6	5.669G	7	5.368G	8	5.265G
9	5.573G	10	5.645G	11	5.657G	12	5.602G
13	5.637G	14	5.621G	15	5.427G	16	5.597G
17	5.538G	18	5.417G	19	5.482G	20	5.390G
21	5.623G	22	5.708G	23	5.307G	24	5.337G
25	5.442G	26	5.323G	27	5.499G	28	5.709G
29	5.376G	30	5.607G	31	5.347G	32	5.617G
33	5.382G	34	5.266G	35	5.409G	36	5.582G
37	5.615G	38	5.544G	39	5.278G	40	5.342G
41	5.288G	42	5.327G	43	5.386G	44	5.611G
45	5.437G	46	5.561G	47	5.415G	48	5.510G
49	5.524G	50	5.643G	51	5.501G	52	5.547G
53	5.374G	54	5.716G	55	5.330G	56	5.722G
57	5.713G	58	5.696G	59	5.699G	60	5.687G
61	5.530G	62	5.458G	63	5.495G	64	5.478G
65	5.451G	66	5.702G	67	5.648G	68	5.469G
69	5.277G	70	5.690G	71	5.447G	72	5.363G
73	5.698G	74	5.297G	75	5.434G	76	5.584G
77	5.554G	78	5.609G	79	5.338G	80	5.539G
81	5.424G	82	5.308G	83	5.507G	84	5.683G
85	5.719G	86	5.694G	87	5.370G	88	5.541G
89	5.355G	90	5.689G	91	5.271G	92	5.533G
93	5.400G	94	5.684G	95	5.557G	96	5.650G
97	5.284G	98	5.503G	99	5.574G	100	5.441G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.315G	2	5.296G	3	5.583G	4	5.501G
5	5.681G	6	5.535G	7	5.648G	8	5.661G
9	5.530G	10	5.515G	11	5.659G	12	5.571G
13	5.460G	14	5.343G	15	5.397G	16	5.528G
17	5.517G	18	5.548G	19	5.579G	20	5.414G
21	5.495G	22	5.561G	23	5.325G	24	5.642G
25	5.556G	26	5.538G	27	5.375G	28	5.663G
29	5.596G	30	5.307G	31	5.485G	32	5.551G
33	5.657G	34	5.692G	35	5.481G	36	5.259G
37	5.680G	38	5.504G	39	5.578G	40	5.306G
41	5.358G	42	5.352G	43	5.275G	44	5.704G
45	5.686G	46	5.507G	47	5.626G	48	5.434G
49	5.428G	50	5.599G	51	5.304G	52	5.633G
53	5.289G	54	5.567G	55	5.497G	56	5.466G
57	5.456G	58	5.301G	59	5.684G	60	5.645G
61	5.427G	62	5.470G	63	5.459G	64	5.581G
65	5.407G	66	5.546G	67	5.394G	68	5.687G
69	5.362G	70	5.505G	71	5.601G	72	5.361G
73	5.634G	74	5.440G	75	5.482G	76	5.402G
77	5.422G	78	5.280G	79	5.554G	80	5.499G
81	5.442G	82	5.318G	83	5.609G	84	5.502G
85	5.585G	86	5.716G	87	5.694G	88	5.479G
89	5.493G	90	5.565G	91	5.651G	92	5.516G
93	5.393G	94	5.337G	95	5.587G	96	5.689G
97	5.703G	98	5.671G	99	5.309G	100	5.282G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.383G	2	5.302G	3	5.560G	4	5.464G
5	5.258G	6	5.609G	7	5.391G	8	5.706G
9	5.601G	10	5.323G	11	5.449G	12	5.438G
13	5.556G	14	5.483G	15	5.457G	16	5.494G
17	5.332G	18	5.568G	19	5.282G	20	5.393G
21	5.276G	22	5.285G	23	5.357G	24	5.313G
25	5.479G	26	5.673G	27	5.613G	28	5.660G
29	5.646G	30	5.685G	31	5.443G	32	5.502G
33	5.472G	34	5.361G	35	5.566G	36	5.520G
37	5.621G	38	5.563G	39	5.515G	40	5.677G
41	5.645G	42	5.372G	43	5.538G	44	5.593G
45	5.537G	46	5.334G	47	5.690G	48	5.419G
49	5.398G	50	5.551G	51	5.620G	52	5.644G
53	5.410G	54	5.716G	55	5.486G	56	5.262G
57	5.292G	58	5.468G	59	5.559G	60	5.362G
61	5.513G	62	5.371G	63	5.370G	64	5.295G
65	5.427G	66	5.307G	67	5.394G	68	5.684G
69	5.430G	70	5.309G	71	5.271G	72	5.602G
73	5.495G	74	5.524G	75	5.293G	76	5.460G
77	5.404G	78	5.420G	79	5.374G	80	5.405G
81	5.640G	82	5.336G	83	5.329G	84	5.318G
85	5.606G	86	5.327G	87	5.526G	88	5.339G
89	5.669G	90	5.440G	91	5.286G	92	5.522G
93	5.484G	94	5.352G	95	5.461G	96	5.544G
97	5.632G	98	5.637G	99	5.582G	100	5.490G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.478G	2	5.311G	3	5.445G	4	5.697G
5	5.529G	6	5.266G	7	5.336G	8	5.580G
9	5.667G	10	5.345G	11	5.335G	12	5.354G
13	5.559G	14	5.720G	15	5.431G	16	5.512G
17	5.383G	18	5.370G	19	5.410G	20	5.692G
21	5.562G	22	5.493G	23	5.617G	24	5.650G
25	5.646G	26	5.706G	27	5.708G	28	5.353G
29	5.629G	30	5.715G	31	5.690G	32	5.409G
33	5.300G	34	5.406G	35	5.511G	36	5.518G
37	5.285G	38	5.500G	39	5.501G	40	5.681G
41	5.543G	42	5.556G	43	5.278G	44	5.695G
45	5.263G	46	5.458G	47	5.485G	48	5.490G
49	5.325G	50	5.404G	51	5.710G	52	5.433G
53	5.480G	54	5.340G	55	5.627G	56	5.662G
57	5.337G	58	5.461G	59	5.618G	60	5.579G
61	5.595G	62	5.468G	63	5.382G	64	5.390G
65	5.270G	66	5.567G	67	5.368G	68	5.685G
69	5.333G	70	5.454G	71	5.517G	72	5.576G
73	5.657G	74	5.687G	75	5.359G	76	5.598G
77	5.376G	78	5.275G	79	5.403G	80	5.401G
81	5.476G	82	5.551G	83	5.343G	84	5.377G
85	5.639G	86	5.411G	87	5.451G	88	5.537G
89	5.498G	90	5.652G	91	5.605G	92	5.276G
93	5.713G	94	5.292G	95	5.259G	96	5.530G
97	5.251G	98	5.273G	99	5.645G	100	5.569G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.579G	2	5.334G	3	5.664G	4	5.502G
5	5.722G	6	5.532G	7	5.687G	8	5.382G
9	5.445G	10	5.282G	11	5.347G	12	5.474G
13	5.439G	14	5.615G	15	5.441G	16	5.424G
17	5.415G	18	5.390G	19	5.472G	20	5.394G
21	5.624G	22	5.662G	23	5.276G	24	5.374G
25	5.613G	26	5.309G	27	5.345G	28	5.433G
29	5.551G	30	5.507G	31	5.536G	32	5.300G
33	5.600G	34	5.537G	35	5.568G	36	5.380G
37	5.407G	38	5.603G	39	5.565G	40	5.426G
41	5.271G	42	5.285G	43	5.484G	44	5.724G
45	5.490G	46	5.432G	47	5.421G	48	5.633G
49	5.459G	50	5.550G	51	5.346G	52	5.549G
53	5.677G	54	5.335G	55	5.452G	56	5.529G
57	5.381G	58	5.689G	59	5.555G	60	5.435G
61	5.496G	62	5.279G	63	5.391G	64	5.367G
65	5.669G	66	5.363G	67	5.510G	68	5.378G
69	5.489G	70	5.698G	71	5.666G	72	5.401G
73	5.608G	74	5.356G	75	5.539G	76	5.545G
77	5.522G	78	5.310G	79	5.447G	80	5.638G
81	5.581G	82	5.707G	83	5.518G	84	5.466G
85	5.673G	86	5.429G	87	5.504G	88	5.314G
89	5.389G	90	5.530G	91	5.308G	92	5.338G
93	5.577G	94	5.297G	95	5.527G	96	5.685G
97	5.272G	98	5.251G	99	5.680G	100	5.643G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.367G	2	5.583G	3	5.626G	4	5.250G
5	5.463G	6	5.536G	7	5.663G	8	5.616G
9	5.253G	10	5.589G	11	5.323G	12	5.330G
13	5.716G	14	5.586G	15	5.254G	16	5.309G
17	5.354G	18	5.532G	19	5.452G	20	5.550G
21	5.259G	22	5.711G	23	5.561G	24	5.278G
25	5.630G	26	5.444G	27	5.257G	28	5.401G
29	5.573G	30	5.429G	31	5.440G	32	5.403G
33	5.303G	34	5.642G	35	5.557G	36	5.293G
37	5.458G	38	5.501G	39	5.690G	40	5.400G
41	5.484G	42	5.620G	43	5.435G	44	5.340G
45	5.665G	46	5.488G	47	5.651G	48	5.288G
49	5.348G	50	5.603G	51	5.527G	52	5.486G
53	5.461G	54	5.643G	55	5.262G	56	5.365G
57	5.395G	58	5.563G	59	5.619G	60	5.277G
61	5.413G	62	5.312G	63	5.695G	64	5.251G
65	5.480G	66	5.426G	67	5.666G	68	5.535G
69	5.522G	70	5.571G	71	5.422G	72	5.515G
73	5.366G	74	5.656G	75	5.464G	76	5.329G
77	5.529G	78	5.447G	79	5.533G	80	5.407G
81	5.490G	82	5.459G	83	5.398G	84	5.281G
85	5.519G	86	5.597G	87	5.443G	88	5.283G
89	5.427G	90	5.270G	91	5.393G	92	5.526G
93	5.587G	94	5.595G	95	5.708G	96	5.556G
97	5.518G	98	5.457G	99	5.412G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.478G	2	5.683G	3	5.432G	4	5.536G
5	5.430G	6	5.520G	7	5.545G	8	5.677G
9	5.398G	10	5.344G	11	5.620G	12	5.628G
13	5.627G	14	5.578G	15	5.279G	16	5.533G
17	5.315G	18	5.722G	19	5.656G	20	5.579G
21	5.539G	22	5.416G	23	5.314G	24	5.695G
25	5.649G	26	5.268G	27	5.291G	28	5.662G
29	5.282G	30	5.472G	31	5.554G	32	5.506G
33	5.537G	34	5.657G	35	5.259G	36	5.427G
37	5.467G	38	5.287G	39	5.386G	40	5.370G
41	5.463G	42	5.548G	43	5.516G	44	5.419G
45	5.275G	46	5.333G	47	5.682G	48	5.550G
49	5.640G	50	5.266G	51	5.455G	52	5.381G
53	5.421G	54	5.591G	55	5.673G	56	5.535G
57	5.342G	58	5.346G	59	5.267G	60	5.690G
61	5.369G	62	5.689G	63	5.665G	64	5.363G
65	5.260G	66	5.375G	67	5.709G	68	5.653G
69	5.672G	70	5.276G	71	5.497G	72	5.329G
73	5.534G	74	5.397G	75	5.586G	76	5.598G
77	5.429G	78	5.316G	79	5.443G	80	5.411G
81	5.433G	82	5.408G	83	5.312G	84	5.265G
85	5.285G	86	5.553G	87	5.391G	88	5.658G
89	5.707G	90	5.564G	91	5.331G	92	5.651G
93	5.466G	94	5.681G	95	5.428G	96	5.715G
97	5.460G	98	5.338G	99	5.582G	100	5.611G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.276G	2	5.290G	3	5.643G	4	5.637G
5	5.568G	6	5.690G	7	5.524G	8	5.601G
9	5.512G	10	5.357G	11	5.288G	12	5.275G
13	5.669G	14	5.267G	15	5.305G	16	5.385G
17	5.396G	18	5.382G	19	5.559G	20	5.576G
21	5.325G	22	5.494G	23	5.594G	24	5.707G
25	5.330G	26	5.708G	27	5.497G	28	5.550G
29	5.639G	30	5.446G	31	5.618G	32	5.461G
33	5.629G	34	5.470G	35	5.718G	36	5.334G
37	5.451G	38	5.306G	39	5.558G	40	5.423G
41	5.700G	42	5.332G	43	5.634G	44	5.271G
45	5.544G	46	5.513G	47	5.506G	48	5.681G
49	5.619G	50	5.656G	51	5.346G	52	5.705G
53	5.294G	54	5.425G	55	5.607G	56	5.369G
57	5.692G	58	5.676G	59	5.716G	60	5.504G
61	5.496G	62	5.360G	63	5.378G	64	5.686G
65	5.453G	66	5.406G	67	5.354G	68	5.530G
69	5.679G	70	5.455G	71	5.622G	72	5.532G
73	5.377G	74	5.571G	75	5.375G	76	5.300G
77	5.364G	78	5.381G	79	5.340G	80	5.537G
81	5.250G	82	5.309G	83	5.675G	84	5.261G
85	5.542G	86	5.486G	87	5.485G	88	5.388G
89	5.723G	90	5.342G	91	5.644G	92	5.460G
93	5.511G	94	5.642G	95	5.598G	96	5.592G
97	5.287G	98	5.521G	99	5.540G	100	5.609G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.332G	2	5.723G	3	5.424G	4	5.352G
5	5.322G	6	5.396G	7	5.375G	8	5.463G
9	5.493G	10	5.649G	11	5.590G	12	5.416G
13	5.457G	14	5.551G	15	5.719G	16	5.329G
17	5.255G	18	5.678G	19	5.717G	20	5.488G
21	5.351G	22	5.671G	23	5.408G	24	5.412G
25	5.266G	26	5.318G	27	5.569G	28	5.519G
29	5.674G	30	5.592G	31	5.451G	32	5.537G
33	5.542G	34	5.611G	35	5.639G	36	5.388G
37	5.504G	38	5.456G	39	5.395G	40	5.267G
41	5.261G	42	5.438G	43	5.265G	44	5.672G
45	5.305G	46	5.289G	47	5.373G	48	5.694G
49	5.429G	50	5.422G	51	5.391G	52	5.642G
53	5.308G	54	5.657G	55	5.557G	56	5.641G
57	5.635G	58	5.271G	59	5.313G	60	5.358G
61	5.414G	62	5.548G	63	5.651G	64	5.682G
65	5.547G	66	5.713G	67	5.677G	68	5.605G
69	5.618G	70	5.640G	71	5.487G	72	5.361G
73	5.545G	74	5.298G	75	5.338G	76	5.620G
77	5.503G	78	5.400G	79	5.676G	80	5.722G
81	5.301G	82	5.516G	83	5.326G	84	5.297G
85	5.689G	86	5.403G	87	5.482G	88	5.263G
89	5.587G	90	5.376G	91	5.345G	92	5.323G
93	5.688G	94	5.638G	95	5.585G	96	5.673G
97	5.644G	98	5.394G	99	5.550G	100	5.526G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.625G	2	5.336G	3	5.434G	4	5.317G
5	5.415G	6	5.564G	7	5.655G	8	5.638G
9	5.579G	10	5.676G	11	5.302G	12	5.636G
13	5.543G	14	5.271G	15	5.585G	16	5.268G
17	5.440G	18	5.643G	19	5.490G	20	5.374G
21	5.580G	22	5.613G	23	5.569G	24	5.609G
25	5.671G	26	5.680G	27	5.602G	28	5.498G
29	5.352G	30	5.628G	31	5.562G	32	5.703G
33	5.417G	34	5.520G	35	5.526G	36	5.370G
37	5.553G	38	5.626G	39	5.359G	40	5.360G
41	5.536G	42	5.561G	43	5.605G	44	5.471G
45	5.326G	46	5.664G	47	5.702G	48	5.423G
49	5.540G	50	5.573G	51	5.507G	52	5.390G
53	5.478G	54	5.456G	55	5.451G	56	5.722G
57	5.479G	58	5.297G	59	5.505G	60	5.577G
61	5.552G	62	5.596G	63	5.462G	64	5.599G
65	5.368G	66	5.593G	67	5.693G	68	5.656G
69	5.412G	70	5.288G	71	5.522G	72	5.704G
73	5.510G	74	5.534G	75	5.358G	76	5.623G
77	5.369G	78	5.698G	79	5.347G	80	5.305G
81	5.253G	82	5.409G	83	5.485G	84	5.649G
85	5.318G	86	5.383G	87	5.251G	88	5.619G
89	5.403G	90	5.439G	91	5.433G	92	5.629G
93	5.640G	94	5.546G	95	5.419G	96	5.353G
97	5.667G	98	5.470G	99	5.633G	100	5.590G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.353G	2	5.588G	3	5.527G	4	5.419G
5	5.394G	6	5.292G	7	5.611G	8	5.622G
9	5.556G	10	5.552G	11	5.322G	12	5.518G
13	5.388G	14	5.580G	15	5.546G	16	5.363G
17	5.583G	18	5.694G	19	5.277G	20	5.555G
21	5.574G	22	5.536G	23	5.309G	24	5.361G
25	5.368G	26	5.578G	27	5.349G	28	5.411G
29	5.682G	30	5.585G	31	5.637G	32	5.507G
33	5.335G	34	5.390G	35	5.425G	36	5.522G
37	5.482G	38	5.365G	39	5.381G	40	5.445G
41	5.705G	42	5.264G	43	5.713G	44	5.677G
45	5.501G	46	5.663G	47	5.464G	48	5.668G
49	5.299G	50	5.454G	51	5.673G	52	5.681G
53	5.703G	54	5.291G	55	5.724G	56	5.410G
57	5.517G	58	5.708G	59	5.606G	60	5.428G
61	5.266G	62	5.662G	63	5.712G	64	5.310G
65	5.596G	66	5.669G	67	5.280G	68	5.601G
69	5.354G	70	5.462G	71	5.286G	72	5.402G
73	5.634G	74	5.435G	75	5.430G	76	5.481G
77	5.313G	78	5.311G	79	5.675G	80	5.456G
81	5.473G	82	5.519G	83	5.446G	84	5.486G
85	5.538G	86	5.594G	87	5.521G	88	5.687G
89	5.485G	90	5.720G	91	5.289G	92	5.564G
93	5.707G	94	5.598G	95	5.591G	96	5.489G
97	5.571G	98	5.488G	99	5.709G	100	5.391G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.434G	2	5.525G	3	5.356G	4	5.537G
5	5.499G	6	5.333G	7	5.615G	8	5.524G
9	5.274G	10	5.256G	11	5.456G	12	5.261G
13	5.687G	14	5.250G	15	5.544G	16	5.536G
17	5.314G	18	5.497G	19	5.342G	20	5.568G
21	5.588G	22	5.260G	23	5.432G	24	5.316G
25	5.312G	26	5.514G	27	5.720G	28	5.431G
29	5.679G	30	5.698G	31	5.694G	32	5.413G
33	5.369G	34	5.433G	35	5.444G	36	5.403G
37	5.639G	38	5.363G	39	5.665G	40	5.328G
41	5.697G	42	5.476G	43	5.288G	44	5.285G
45	5.684G	46	5.325G	47	5.558G	48	5.653G
49	5.577G	50	5.535G	51	5.282G	52	5.427G
53	5.709G	54	5.294G	55	5.284G	56	5.557G
57	5.458G	58	5.523G	59	5.543G	60	5.452G
61	5.411G	62	5.348G	63	5.705G	64	5.721G
65	5.360G	66	5.711G	67	5.329G	68	5.531G
69	5.337G	70	5.496G	71	5.714G	72	5.387G
73	5.286G	74	5.592G	75	5.438G	76	5.272G
77	5.271G	78	5.629G	79	5.278G	80	5.289G
81	5.559G	82	5.542G	83	5.663G	84	5.287G
85	5.683G	86	5.567G	87	5.441G	88	5.490G
89	5.357G	90	5.334G	91	5.724G	92	5.339G
93	5.495G	94	5.643G	95	5.616G	96	5.473G
97	5.485G	98	5.267G	99	5.669G	100	5.695G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.345G	2	5.326G	3	5.489G	4	5.341G
5	5.348G	6	5.258G	7	5.479G	8	5.549G
9	5.344G	10	5.614G	11	5.502G	12	5.268G
13	5.565G	14	5.382G	15	5.450G	16	5.563G
17	5.653G	18	5.404G	19	5.305G	20	5.528G
21	5.437G	22	5.598G	23	5.454G	24	5.446G
25	5.460G	26	5.615G	27	5.519G	28	5.532G
29	5.438G	30	5.710G	31	5.374G	32	5.458G
33	5.515G	34	5.279G	35	5.587G	36	5.631G
37	5.663G	38	5.343G	39	5.253G	40	5.260G
41	5.623G	42	5.580G	43	5.309G	44	5.369G
45	5.703G	46	5.633G	47	5.650G	48	5.426G
49	5.280G	50	5.427G	51	5.564G	52	5.642G
53	5.421G	54	5.555G	55	5.567G	56	5.351G
57	5.357G	58	5.657G	59	5.308G	60	5.257G
61	5.340G	62	5.385G	63	5.322G	64	5.254G
65	5.452G	66	5.296G	67	5.267G	68	5.376G
69	5.616G	70	5.417G	71	5.355G	72	5.627G
73	5.330G	74	5.332G	75	5.529G	76	5.261G
77	5.611G	78	5.416G	79	5.390G	80	5.405G
81	5.566G	82	5.367G	83	5.582G	84	5.442G
85	5.686G	86	5.632G	87	5.659G	88	5.645G
89	5.505G	90	5.270G	91	5.701G	92	5.635G
93	5.315G	94	5.586G	95	5.559G	96	5.665G
97	5.283G	98	5.498G	99	5.570G	100	5.301G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.403G	2	5.361G	3	5.503G	4	5.440G
5	5.455G	6	5.689G	7	5.460G	8	5.493G
9	5.550G	10	5.266G	11	5.630G	12	5.623G
13	5.301G	14	5.438G	15	5.283G	16	5.378G
17	5.597G	18	5.485G	19	5.521G	20	5.604G
21	5.390G	22	5.540G	23	5.375G	24	5.644G
25	5.722G	26	5.416G	27	5.631G	28	5.451G
29	5.363G	30	5.429G	31	5.406G	32	5.395G
33	5.312G	34	5.334G	35	5.558G	36	5.374G
37	5.439G	38	5.308G	39	5.319G	40	5.592G
41	5.657G	42	5.695G	43	5.667G	44	5.286G
45	5.716G	46	5.332G	47	5.669G	48	5.661G
49	5.433G	50	5.488G	51	5.708G	52	5.371G
53	5.676G	54	5.316G	55	5.291G	56	5.295G
57	5.620G	58	5.419G	59	5.467G	60	5.273G
61	5.384G	62	5.612G	63	5.686G	64	5.622G
65	5.648G	66	5.633G	67	5.724G	68	5.653G
69	5.555G	70	5.563G	71	5.577G	72	5.528G
73	5.627G	74	5.274G	75	5.310G	76	5.655G
77	5.392G	78	5.705G	79	5.545G	80	5.365G
81	5.250G	82	5.396G	83	5.575G	84	5.388G
85	5.591G	86	5.285G	87	5.300G	88	5.418G
89	5.287G	90	5.672G	91	5.605G	92	5.626G
93	5.530G	94	5.277G	95	5.646G	96	5.434G
97	5.659G	98	5.507G	99	5.704G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.404G	2	5.293G	3	5.682G	4	5.262G
5	5.654G	6	5.339G	7	5.360G	8	5.432G
9	5.323G	10	5.392G	11	5.367G	12	5.717G
13	5.504G	14	5.331G	15	5.319G	16	5.626G
17	5.675G	18	5.410G	19	5.553G	20	5.480G
21	5.383G	22	5.648G	23	5.613G	24	5.250G
25	5.636G	26	5.434G	27	5.601G	28	5.334G
29	5.519G	30	5.526G	31	5.372G	32	5.393G
33	5.624G	34	5.544G	35	5.533G	36	5.370G
37	5.505G	38	5.577G	39	5.687G	40	5.270G
41	5.592G	42	5.261G	43	5.625G	44	5.506G
45	5.576G	46	5.569G	47	5.312G	48	5.700G
49	5.340G	50	5.716G	51	5.695G	52	5.501G
53	5.513G	54	5.685G	55	5.439G	56	5.310G
57	5.597G	58	5.451G	59	5.286G	60	5.440G
61	5.352G	62	5.500G	63	5.448G	64	5.484G
65	5.585G	66	5.593G	67	5.653G	68	5.603G
69	5.355G	70	5.263G	71	5.617G	72	5.610G
73	5.254G	74	5.452G	75	5.549G	76	5.343G
77	5.275G	78	5.574G	79	5.658G	80	5.615G
81	5.391G	82	5.415G	83	5.493G	84	5.462G
85	5.562G	86	5.656G	87	5.257G	88	5.426G
89	5.705G	90	5.488G	91	5.272G	92	5.580G
93	5.255G	94	5.691G	95	5.388G	96	5.498G
97	5.417G	98	5.344G	99	5.555G	100	5.511G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.594G	2	5.642G	3	5.311G	4	5.721G
5	5.521G	6	5.546G	7	5.395G	8	5.609G
9	5.325G	10	5.608G	11	5.488G	12	5.475G
13	5.318G	14	5.389G	15	5.559G	16	5.424G
17	5.316G	18	5.564G	19	5.281G	20	5.252G
21	5.347G	22	5.638G	23	5.375G	24	5.266G
25	5.449G	26	5.555G	27	5.323G	28	5.416G
29	5.502G	30	5.498G	31	5.663G	32	5.461G
33	5.544G	34	5.682G	35	5.423G	36	5.411G
37	5.543G	38	5.257G	39	5.384G	40	5.288G
41	5.545G	42	5.289G	43	5.620G	44	5.549G
45	5.499G	46	5.582G	47	5.512G	48	5.703G
49	5.482G	50	5.587G	51	5.698G	52	5.301G
53	5.653G	54	5.366G	55	5.285G	56	5.328G
57	5.630G	58	5.696G	59	5.349G	60	5.481G
61	5.705G	62	5.526G	63	5.589G	64	5.451G
65	5.378G	66	5.368G	67	5.381G	68	5.422G
69	5.702G	70	5.598G	71	5.563G	72	5.462G
73	5.633G	74	5.649G	75	5.340G	76	5.672G
77	5.383G	78	5.409G	79	5.520G	80	5.720G
81	5.338G	82	5.596G	83	5.557G	84	5.268G
85	5.365G	86	5.309G	87	5.628G	88	5.356G
89	5.515G	90	5.701G	91	5.647G	92	5.716G
93	5.303G	94	5.693G	95	5.314G	96	5.344G
97	5.305G	98	5.687G	99	5.547G	100	5.554G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.387G	2	5.636G	3	5.410G	4	5.597G
5	5.722G	6	5.480G	7	5.485G	8	5.633G
9	5.332G	10	5.353G	11	5.347G	12	5.705G
13	5.365G	14	5.471G	15	5.293G	16	5.397G
17	5.450G	18	5.319G	19	5.310G	20	5.519G
21	5.302G	22	5.297G	23	5.312G	24	5.424G
25	5.431G	26	5.377G	27	5.470G	28	5.389G
29	5.668G	30	5.522G	31	5.527G	32	5.343G
33	5.575G	34	5.708G	35	5.421G	36	5.415G
37	5.321G	38	5.443G	39	5.366G	40	5.532G
41	5.494G	42	5.632G	43	5.704G	44	5.354G
45	5.501G	46	5.260G	47	5.368G	48	5.425G
49	5.330G	50	5.335G	51	5.474G	52	5.250G
53	5.286G	54	5.678G	55	5.505G	56	5.610G
57	5.635G	58	5.308G	59	5.500G	60	5.617G
61	5.562G	62	5.688G	63	5.253G	64	5.282G
65	5.719G	66	5.339G	67	5.358G	68	5.496G
69	5.346G	70	5.567G	71	5.463G	72	5.447G
73	5.608G	74	5.507G	75	5.437G	76	5.451G
77	5.531G	78	5.392G	79	5.537G	80	5.542G
81	5.689G	82	5.683G	83	5.629G	84	5.595G
85	5.620G	86	5.659G	87	5.255G	88	5.307G
89	5.399G	90	5.482G	91	5.455G	92	5.475G
93	5.589G	94	5.315G	95	5.489G	96	5.592G
97	5.624G	98	5.290G	99	5.724G	100	5.684G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.553G	2	5.528G	3	5.485G	4	5.694G
5	5.420G	6	5.378G	7	5.289G	8	5.529G
9	5.359G	10	5.353G	11	5.549G	12	5.273G
13	5.723G	14	5.484G	15	5.344G	16	5.650G
17	5.595G	18	5.376G	19	5.325G	20	5.555G
21	5.525G	22	5.565G	23	5.676G	24	5.614G
25	5.598G	26	5.337G	27	5.644G	28	5.695G
29	5.263G	30	5.621G	31	5.269G	32	5.429G
33	5.654G	34	5.329G	35	5.505G	36	5.605G
37	5.570G	38	5.659G	39	5.539G	40	5.326G
41	5.356G	42	5.495G	43	5.715G	44	5.461G
45	5.475G	46	5.418G	47	5.390G	48	5.303G
49	5.464G	50	5.445G	51	5.667G	52	5.672G
53	5.436G	54	5.567G	55	5.627G	56	5.363G
57	5.278G	58	5.712G	59	5.372G	60	5.308G
61	5.407G	62	5.543G	63	5.305G	64	5.285G
65	5.373G	66	5.588G	67	5.564G	68	5.532G
69	5.660G	70	5.707G	71	5.423G	72	5.657G
73	5.533G	74	5.463G	75	5.535G	76	5.374G
77	5.448G	78	5.593G	79	5.493G	80	5.322G
81	5.587G	82	5.439G	83	5.653G	84	5.286G
85	5.656G	86	5.272G	87	5.616G	88	5.489G
89	5.637G	90	5.361G	91	5.350G	92	5.454G
93	5.580G	94	5.293G	95	5.456G	96	5.551G
97	5.544G	98	5.258G	99	5.716G	100	5.596G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.477G	2	5.352G	3	5.604G	4	5.525G
5	5.255G	6	5.342G	7	5.286G	8	5.486G
9	5.346G	10	5.642G	11	5.456G	12	5.665G
13	5.393G	14	5.284G	15	5.478G	16	5.343G
17	5.511G	18	5.666G	19	5.638G	20	5.333G
21	5.671G	22	5.594G	23	5.319G	24	5.569G
25	5.269G	26	5.542G	27	5.413G	28	5.599G
29	5.588G	30	5.412G	31	5.537G	32	5.423G
33	5.593G	34	5.475G	35	5.429G	36	5.323G
37	5.617G	38	5.583G	39	5.612G	40	5.472G
41	5.261G	42	5.471G	43	5.649G	44	5.401G
45	5.689G	46	5.387G	47	5.557G	48	5.601G
49	5.468G	50	5.326G	51	5.322G	52	5.654G
53	5.510G	54	5.589G	55	5.494G	56	5.294G
57	5.603G	58	5.639G	59	5.288G	60	5.462G
61	5.562G	62	5.374G	63	5.300G	64	5.465G
65	5.424G	66	5.473G	67	5.428G	68	5.646G
69	5.469G	70	5.659G	71	5.457G	72	5.347G
73	5.514G	74	5.406G	75	5.410G	76	5.657G
77	5.549G	78	5.407G	79	5.504G	80	5.268G
81	5.580G	82	5.317G	83	5.598G	84	5.391G
85	5.575G	86	5.608G	87	5.479G	88	5.384G
89	5.274G	90	5.430G	91	5.721G	92	5.532G
93	5.388G	94	5.541G	95	5.521G	96	5.552G
97	5.544G	98	5.661G	99	5.380G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.599G	2	5.682G	3	5.588G	4	5.705G
5	5.707G	6	5.357G	7	5.420G	8	5.617G
9	5.439G	10	5.376G	11	5.314G	12	5.698G
13	5.683G	14	5.447G	15	5.413G	16	5.628G
17	5.472G	18	5.308G	19	5.445G	20	5.534G
21	5.575G	22	5.616G	23	5.405G	24	5.344G
25	5.494G	26	5.418G	27	5.662G	28	5.411G
29	5.713G	30	5.597G	31	5.636G	32	5.416G
33	5.324G	34	5.443G	35	5.647G	36	5.692G
37	5.593G	38	5.372G	39	5.252G	40	5.425G
41	5.341G	42	5.558G	43	5.424G	44	5.261G
45	5.432G	46	5.478G	47	5.637G	48	5.436G
49	5.641G	50	5.397G	51	5.293G	52	5.255G
53	5.305G	54	5.488G	55	5.329G	56	5.461G
57	5.645G	58	5.549G	59	5.625G	60	5.289G
61	5.653G	62	5.393G	63	5.533G	64	5.419G
65	5.346G	66	5.316G	67	5.577G	68	5.271G
69	5.291G	70	5.383G	71	5.552G	72	5.695G
73	5.274G	74	5.484G	75	5.388G	76	5.269G
77	5.410G	78	5.390G	79	5.519G	80	5.278G
81	5.374G	82	5.300G	83	5.688G	84	5.598G
85	5.253G	86	5.273G	87	5.452G	88	5.602G
89	5.624G	90	5.612G	91	5.621G	92	5.325G
93	5.258G	94	5.553G	95	5.545G	96	5.348G
97	5.250G	98	5.467G	99	5.512G	100	5.578G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.519G	2	5.444G	3	5.250G	4	5.687G
5	5.658G	6	5.590G	7	5.279G	8	5.390G
9	5.406G	10	5.618G	11	5.695G	12	5.269G
13	5.713G	14	5.628G	15	5.622G	16	5.402G
17	5.468G	18	5.514G	19	5.703G	20	5.599G
21	5.684G	22	5.679G	23	5.709G	24	5.517G
25	5.422G	26	5.500G	27	5.560G	28	5.506G
29	5.574G	30	5.445G	31	5.541G	32	5.433G
33	5.442G	34	5.255G	35	5.358G	36	5.372G
37	5.625G	38	5.379G	39	5.393G	40	5.522G
41	5.291G	42	5.260G	43	5.348G	44	5.459G
45	5.386G	46	5.326G	47	5.551G	48	5.323G
49	5.411G	50	5.337G	51	5.316G	52	5.362G
53	5.708G	54	5.383G	55	5.427G	56	5.387G
57	5.434G	58	5.697G	59	5.633G	60	5.524G
61	5.436G	62	5.300G	63	5.639G	64	5.582G
65	5.440G	66	5.322G	67	5.272G	68	5.476G
69	5.409G	70	5.593G	71	5.474G	72	5.585G
73	5.420G	74	5.623G	75	5.374G	76	5.363G
77	5.638G	78	5.653G	79	5.598G	80	5.364G
81	5.472G	82	5.660G	83	5.581G	84	5.457G
85	5.293G	86	5.557G	87	5.640G	88	5.290G
89	5.626G	90	5.288G	91	5.286G	92	5.558G
93	5.637G	94	5.587G	95	5.706G	96	5.345G
97	5.397G	98	5.331G	99	5.562G	100	5.712G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.380G	2	5.465G	3	5.290G	4	5.272G
5	5.275G	6	5.330G	7	5.663G	8	5.648G
9	5.610G	10	5.338G	11	5.285G	12	5.602G
13	5.289G	14	5.540G	15	5.337G	16	5.615G
17	5.411G	18	5.704G	19	5.395G	20	5.627G
21	5.572G	22	5.697G	23	5.477G	24	5.496G
25	5.412G	26	5.516G	27	5.596G	28	5.389G
29	5.549G	30	5.503G	31	5.693G	32	5.505G
33	5.353G	34	5.442G	35	5.483G	36	5.523G
37	5.484G	38	5.682G	39	5.621G	40	5.306G
41	5.440G	42	5.258G	43	5.302G	44	5.312G
45	5.605G	46	5.365G	47	5.264G	48	5.684G
49	5.439G	50	5.587G	51	5.296G	52	5.475G
53	5.415G	54	5.298G	55	5.327G	56	5.543G
57	5.404G	58	5.358G	59	5.522G	60	5.267G
61	5.566G	62	5.668G	63	5.568G	64	5.639G
65	5.355G	66	5.520G	67	5.454G	68	5.620G
69	5.278G	70	5.318G	71	5.399G	72	5.283G
73	5.350G	74	5.692G	75	5.385G	76	5.335G
77	5.500G	78	5.497G	79	5.426G	80	5.466G
81	5.316G	82	5.321G	83	5.718G	84	5.420G
85	5.538G	86	5.405G	87	5.255G	88	5.277G
89	5.675G	90	5.501G	91	5.664G	92	5.437G
93	5.569G	94	5.378G	95	5.438G	96	5.254G
97	5.512G	98	5.717G	99	5.262G	100	5.480G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.716G	2	5.479G	3	5.655G	4	5.329G
5	5.286G	6	5.551G	7	5.575G	8	5.436G
9	5.338G	10	5.472G	11	5.677G	12	5.637G
13	5.579G	14	5.620G	15	5.330G	16	5.685G
17	5.636G	18	5.385G	19	5.357G	20	5.476G
21	5.703G	22	5.405G	23	5.599G	24	5.658G
25	5.346G	26	5.689G	27	5.531G	28	5.607G
29	5.441G	30	5.416G	31	5.264G	32	5.578G
33	5.297G	34	5.461G	35	5.427G	36	5.309G
37	5.334G	38	5.369G	39	5.353G	40	5.407G
41	5.262G	42	5.683G	43	5.632G	44	5.459G
45	5.682G	46	5.516G	47	5.481G	48	5.471G
49	5.518G	50	5.552G	51	5.321G	52	5.649G
53	5.557G	54	5.450G	55	5.306G	56	5.256G
57	5.701G	58	5.313G	59	5.431G	60	5.412G
61	5.691G	62	5.483G	63	5.487G	64	5.311G
65	5.548G	66	5.710G	67	5.625G	68	5.285G
69	5.611G	70	5.365G	71	5.661G	72	5.577G
73	5.488G	74	5.567G	75	5.315G	76	5.464G
77	5.322G	78	5.342G	79	5.675G	80	5.672G
81	5.469G	82	5.535G	83	5.279G	84	5.644G
85	5.370G	86	5.408G	87	5.684G	88	5.656G
89	5.375G	90	5.699G	91	5.292G	92	5.706G
93	5.352G	94	5.501G	95	5.541G	96	5.468G
97	5.618G	98	5.665G	99	5.473G	100	5.277G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.672G	2	5.679G	3	5.688G	4	5.347G
5	5.673G	6	5.593G	7	5.705G	8	5.316G
9	5.594G	10	5.349G	11	5.522G	12	5.253G
13	5.598G	14	5.547G	15	5.264G	16	5.327G
17	5.384G	18	5.447G	19	5.656G	20	5.502G
21	5.369G	22	5.486G	23	5.427G	24	5.368G
25	5.527G	26	5.556G	27	5.401G	28	5.555G
29	5.549G	30	5.617G	31	5.572G	32	5.632G
33	5.689G	34	5.569G	35	5.483G	36	5.535G
37	5.634G	38	5.580G	39	5.475G	40	5.602G
41	5.426G	42	5.630G	43	5.361G	44	5.605G
45	5.348G	46	5.696G	47	5.566G	48	5.465G
49	5.534G	50	5.573G	51	5.719G	52	5.356G
53	5.382G	54	5.619G	55	5.718G	56	5.408G
57	5.553G	58	5.334G	59	5.400G	60	5.658G
61	5.505G	62	5.579G	63	5.575G	64	5.587G
65	5.292G	66	5.713G	67	5.695G	68	5.609G
69	5.560G	70	5.381G	71	5.403G	72	5.405G
73	5.650G	74	5.646G	75	5.571G	76	5.513G
77	5.662G	78	5.610G	79	5.564G	80	5.346G
81	5.439G	82	5.681G	83	5.510G	84	5.385G
85	5.570G	86	5.531G	87	5.259G	88	5.541G
89	5.544G	90	5.704G	91	5.469G	92	5.433G
93	5.409G	94	5.717G	95	5.603G	96	5.521G
97	5.721G	98	5.655G	99	5.715G	100	5.263G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.682G	2	5.451G	3	5.599G	4	5.355G
5	5.445G	6	5.637G	7	5.569G	8	5.478G
9	5.269G	10	5.267G	11	5.540G	12	5.433G
13	5.440G	14	5.698G	15	5.612G	16	5.558G
17	5.340G	18	5.713G	19	5.339G	20	5.560G
21	5.293G	22	5.397G	23	5.412G	24	5.254G
25	5.373G	26	5.723G	27	5.624G	28	5.680G
29	5.548G	30	5.722G	31	5.716G	32	5.647G
33	5.608G	34	5.384G	35	5.399G	36	5.598G
37	5.418G	38	5.674G	39	5.274G	40	5.708G
41	5.634G	42	5.709G	43	5.573G	44	5.497G
45	5.285G	46	5.700G	47	5.635G	48	5.626G
49	5.471G	50	5.380G	51	5.704G	52	5.331G
53	5.424G	54	5.275G	55	5.469G	56	5.610G
57	5.628G	58	5.568G	59	5.324G	60	5.498G
61	5.303G	62	5.413G	63	5.311G	64	5.409G
65	5.344G	66	5.400G	67	5.487G	68	5.640G
69	5.484G	70	5.551G	71	5.410G	72	5.591G
73	5.389G	74	5.633G	75	5.549G	76	5.559G
77	5.295G	78	5.257G	79	5.566G	80	5.252G
81	5.595G	82	5.361G	83	5.320G	84	5.488G
85	5.265G	86	5.575G	87	5.493G	88	5.363G
89	5.527G	90	5.429G	91	5.505G	92	5.646G
93	5.618G	94	5.655G	95	5.510G	96	5.318G
97	5.387G	98	5.597G	99	5.411G	100	5.319G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.459G	2	5.398G	3	5.606G	4	5.574G
5	5.583G	6	5.648G	7	5.628G	8	5.652G
9	5.297G	10	5.306G	11	5.685G	12	5.460G
13	5.681G	14	5.501G	15	5.424G	16	5.721G
17	5.329G	18	5.516G	19	5.482G	20	5.254G
21	5.608G	22	5.440G	23	5.286G	24	5.643G
25	5.309G	26	5.595G	27	5.401G	28	5.629G
29	5.413G	30	5.385G	31	5.461G	32	5.538G
33	5.716G	34	5.506G	35	5.569G	36	5.308G
37	5.438G	38	5.356G	39	5.334G	40	5.353G
41	5.375G	42	5.253G	43	5.443G	44	5.499G
45	5.686G	46	5.415G	47	5.330G	48	5.690G
49	5.338G	50	5.403G	51	5.486G	52	5.287G
53	5.348G	54	5.298G	55	5.576G	56	5.633G
57	5.529G	58	5.262G	59	5.436G	60	5.417G
61	5.530G	62	5.419G	63	5.467G	64	5.561G
65	5.634G	66	5.381G	67	5.582G	68	5.323G
69	5.453G	70	5.363G	71	5.420G	72	5.290G
73	5.447G	74	5.275G	75	5.399G	76	5.414G
77	5.594G	78	5.672G	79	5.273G	80	5.494G
81	5.342G	82	5.289G	83	5.392G	84	5.682G
85	5.259G	86	5.614G	87	5.437G	88	5.364G
89	5.705G	90	5.357G	91	5.475G	92	5.638G
93	5.528G	94	5.610G	95	5.512G	96	5.279G
97	5.498G	98	5.645G	99	5.673G	100	5.693G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.602G	2	5.564G	3	5.387G	4	5.663G
5	5.559G	6	5.406G	7	5.531G	8	5.694G
9	5.603G	10	5.547G	11	5.355G	12	5.484G
13	5.662G	14	5.291G	15	5.478G	16	5.361G
17	5.573G	18	5.473G	19	5.460G	20	5.695G
21	5.258G	22	5.302G	23	5.642G	24	5.506G
25	5.440G	26	5.389G	27	5.471G	28	5.715G
29	5.295G	30	5.535G	31	5.434G	32	5.661G
33	5.668G	34	5.500G	35	5.576G	36	5.461G
37	5.637G	38	5.530G	39	5.393G	40	5.287G
41	5.462G	42	5.477G	43	5.723G	44	5.315G
45	5.266G	46	5.453G	47	5.332G	48	5.363G
49	5.557G	50	5.324G	51	5.540G	52	5.374G
53	5.659G	54	5.449G	55	5.705G	56	5.644G
57	5.348G	58	5.326G	59	5.548G	60	5.367G
61	5.427G	62	5.276G	63	5.301G	64	5.253G
65	5.399G	66	5.333G	67	5.646G	68	5.696G
69	5.501G	70	5.400G	71	5.319G	72	5.538G
73	5.410G	74	5.264G	75	5.628G	76	5.575G
77	5.310G	78	5.455G	79	5.525G	80	5.369G
81	5.489G	82	5.679G	83	5.436G	84	5.649G
85	5.423G	86	5.283G	87	5.651G	88	5.652G
89	5.342G	90	5.408G	91	5.503G	92	5.437G
93	5.585G	94	5.599G	95	5.487G	96	5.294G
97	5.568G	98	5.402G	99	5.680G	100	5.621G

IEEE 802.11N 40MHz

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	4.8u	177.0u	Yes
2	25	4.6u	150.0u	Yes
3	25	5.0u	201.0u	Yes
4	23	1.9u	165.0u	Yes
5	24	3.8u	151.0u	Yes
6	27	2.9u	176.0u	Yes
7	26	1.8u	186.0u	Yes
8	24	2.5u	198.0u	Yes
9	29	4.1u	177.0u	Yes
10	25	2.6u	191.0u	Yes
11	27	4.1u	163.0u	Yes
12	26	3.9u	214.0u	Yes
13	29	3.3u	180.0u	Yes
14	24	3.1u	207.0u	Yes
15	27	4.6u	193.0u	Yes
16	29	2.9u	181.0u	Yes
17	25	2.7u	221.0u	Yes
18	26	4.4u	153.0u	Yes
19	24	3.6u	192.0u	Yes
20	25	2.0u	161.0u	Yes
21	27	1.3u	209.0u	Yes
22	27	2.1u	226.0u	Yes
23	26	3.9u	162.0u	Yes
24	25	1.3u	185.0u	Yes
25	27	4.1u	155.0u	Yes
26	25	3.9u	229.0u	Yes
27	25	2.0u	228.0u	Yes
28	27	1.8u	192.0u	Yes
29	26	3.8u	203.0u	Yes
30	24	2.7u	208.0u	Yes
			Detection Rate: 100.0 %	

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	8.5u	252.0u	Yes
2	17	9.6u	216.0u	Yes
3	18	7.1u	415.0u	Yes
4	17	7.5u	258.0u	Yes
5	17	6.5u	291.0u	Yes
6	16	7.9u	405.0u	Yes
7	18	8.8u	342.0u	Yes
8	17	6.6u	351.0u	Yes
9	18	6.8u	310.0u	Yes
10	18	6.3u	471.0u	Yes
11	18	7.7u	477.0u	Yes
12	16	8.7u	386.0u	Yes
13	17	8.3u	275.0u	Yes
14	17	8.1u	485.0u	Yes
15	16	6.6u	252.0u	No
16	18	8.7u	229.0u	Yes
17	17	9.0u	261.0u	Yes
18	17	9.3u	338.0u	Yes
19	18	6.1u	286.0u	Yes
20	18	7.7u	285.0u	Yes
21	18	7.8u	204.0u	Yes
22	17	7.9u	447.0u	Yes
23	17	9.4u	408.0u	Yes
24	17	8.3u	281.0u	Yes
25	17	8.3u	370.0u	Yes
26	17	9.9u	430.0u	Yes
27	17	8.2u	450.0u	Yes
28	17	7.9u	377.0u	Yes
29	17	7.2u	332.0u	Yes
30	18	8.3u	312.0u	Yes
				Detection Rate: 96.7 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	19.8u	479.0u	Yes
2	16	20.0u	222.0u	Yes
3	12	14.9u	485.0u	Yes
4	13	14.0u	482.0u	Yes
5	13	17.3u	252.0u	Yes
6	15	14.5u	337.0u	Yes
7	13	18.1u	450.0u	Yes
8	15	11.8u	492.0u	Yes
9	12	17.6u	275.0u	Yes
10	15	15.0u	399.0u	Yes
11	12	15.8u	472.0u	Yes
12	15	15.5u	430.0u	Yes
13	13	18.2u	414.0u	Yes
14	14	11.0u	412.0u	Yes
15	12	15.4u	241.0u	Yes
16	14	11.1u	444.0u	Yes
17	14	17.5u	345.0u	Yes
18	15	13.0u	408.0u	Yes
19	12	13.5u	271.0u	Yes
20	14	14.1u	244.0u	Yes
21	14	13.2u	359.0u	Yes
22	12	14.9u	353.0u	No
23	14	12.2u	416.0u	Yes
24	13	16.4u	344.0u	Yes
25	13	16.8u	425.0u	Yes
26	13	12.7u	266.0u	Yes
27	16	19.1u	324.0u	Yes
28	13	18.0u	446.0u	Yes
29	13	14.5u	294.0u	Yes
30	16	13.6u	418.0u	Yes
			Detection Rate: 96.7 %	

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 100.0 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	67.8u	1.451m	-	82.27m
2	3	17M	73.3u	1.411m	930.7u	348.6m
3	3	8M	81.6u	1.380m	1.600m	531.8m
4	1	10M	59.9u	-	-	43.93m
5	1	6M	86.6u	-	-	248.7m
6	1	13M	54.7u	-	-	92.25m
7	3	9M	87.7u	1.608m	1.559m	38.47m
8	1	17M	67.4u	-	-	661.1m
9	1	10M	56.1u	-	-	448.2m
10	2	15M	94.4u	1.315m	-	417.3m
11	3	16M	87.1u	1.237m	975.9u	64.81m
12	2	17M	82.4u	1.290m	-	17.44m
13	2	8M	59.2u	1.684m	-	198.4m
14	2	6M	75.2u	945.8u	-	464.2m
15	1	17M	54.6u	-	-	101.0m
16	2	14M	95.0u	1.802m	-	1.372m
17	2	14M	51.0u	983.0u	-	625.6m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	86.8u	916.2u	1.329m	200.5m
2	2	16M	58.8u	1.860m	-	734.3m
3	1	8M	51.0u	-	-	107.6m
4	2	8M	59.1u	1.860m	-	820.5m
5	2	16M	89.9u	1.282m	-	401.4m
6	3	11M	55.4u	1.501m	1.898m	164.7m
7	1	13M	91.7u	-	-	137.7m
8	2	11M	53.1u	1.677m	-	10.08m
9	3	16M	91.8u	1.470m	944.2u	1.051
10	1	14M	77.9u	-	-	435.0m
11	2	11M	99.5u	937.5u	-	31.67m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	52.7u	1.810m	-	383.4m
2	2	12M	76.7u	1.233m	-	18.84m
3	2	11M	94.8u	1.777m	-	8.490m
4	3	11M	56.5u	1.542m	1.008m	292.8m
5	3	10M	68.3u	1.889m	1.527m	542.5m
6	3	10M	69.0u	1.168m	1.355m	795.3m
7	3	12M	93.8u	1.788m	1.319m	809.6m
8	2	5M	76.6u	1.722m	-	786.4m
9	2	13M	82.8u	1.162m	-	615.4m
10	2	5M	93.9u	1.441m	-	839.4m
11	3	10M	87.6u	1.785m	1.209m	444.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	85.6u	1.404m	-	89.33m
2	1	11M	88.1u	-	-	333.7m
3	3	11M	56.3u	955.7u	1.595m	368.8m
4	1	9M	53.2u	-	-	22.85m
5	2	6M	98.4u	1.407m	-	211.6m
6	2	9M	89.7u	1.872m	-	749.8m
7	2	13M	62.6u	1.539m	-	139.4m
8	2	6M	79.7u	1.253m	-	626.8m
9	2	14M	81.3u	1.492m	-	743.8m
10	2	5M	74.3u	1.375m	-	147.1m
11	2	13M	72.7u	1.137m	-	488.3m
12	3	19M	54.1u	1.390m	1.335m	132.2m
13	1	14M	67.5u	-	-	223.9m
14	2	17M	57.6u	1.764m	-	187.2m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	66.2u	-	-	1.107
2	2	5M	71.3u	1.283m	-	250.4m
3	1	10M	62.2u	-	-	601.5m
4	2	13M	66.6u	956.4u	-	115.8m
5	3	14M	85.6u	1.211m	1.144m	1.189
6	1	10M	61.8u	-	-	160.2m
7	1	18M	69.2u	-	-	544.0m
8	2	17M	99.7u	1.308m	-	730.9m
9	2	18M	90.6u	1.092m	-	1.254

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	1	10M	74.9u	-	-	420.5m
2	3	9M	88.8u	963.2u	1.885m	447.5m
3	1	15M	99.1u	-	-	344.2m
4	3	18M	71.4u	1.195m	1.725m	586.5m
5	2	17M	62.6u	1.672m	-	173.6m
6	2	8M	79.8u	1.602m	-	258.2m
7	2	8M	59.3u	1.481m	-	372.7m
8	1	16M	88.8u	-	-	343.2m
9	1	8M	91.1u	-	-	173.7m
10	2	12M	88.4u	1.795m	-	18.20m
11	2	14M	52.4u	1.314m	-	237.1m
12	2	16M	68.5u	1.478m	-	538.9m
13	1	16M	86.0u	-	-	651.8m
14	3	11M	64.0u	1.290m	1.927m	653.0m
15	1	9M	52.4u	-	-	526.3m
16	2	20M	69.8u	1.575m	-	349.0m
17	1	7M	63.7u	-	-	471.4m
18	1	16M	73.8u	-	-	105.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
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	18M	86.5u	1.306m	-	558.7m
2	2	17M	76.7u	1.903m	-	625.9m
3	1	20M	86.1u	-	-	314.1m
4	2	6M	93.7u	1.729m	-	341.6m
5	1	19M	52.0u	-	-	670.4m
6	2	15M	61.8u	1.687m	-	547.9m
7	1	9M	99.1u	-	-	577.1m
8	1	11M	72.5u	-	-	250.7m
9	2	9M	90.4u	1.554m	-	207.4m
10	3	18M	72.1u	1.454m	1.481m	142.1m
11	2	6M	89.5u	980.5u	-	54.20m
12	2	18M	82.5u	1.651m	-	511.7m
13	1	7M	89.6u	-	-	72.05m
14	2	8M	95.6u	1.057m	-	55.96m
15	2	7M	80.3u	1.910m	-	733.2m
16	3	12M	92.2u	1.364m	1.522m	238.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 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	13M	79.6u	1.654m	-	1.427
2	3	7M	94.7u	1.566m	1.070m	1.368
3	2	12M	56.0u	1.216m	-	83.82m
4	1	11M	91.9u	-	-	1.080
5	3	8M	92.2u	950.8u	1.659m	1.201
6	3	13M	97.2u	965.8u	1.745m	396.0m
7	3	10M	55.5u	1.597m	1.793m	1.274
8	3	10M	74.0u	1.608m	1.776m	57.20m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
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	5M	56.1u	981.9u	1.720m	413.5m
2	3	9M	53.6u	1.788m	1.090m	574.3m
3	2	19M	52.3u	1.062m	-	75.27m
4	2	16M	69.9u	1.395m	-	305.2m
5	2	15M	76.3u	1.672m	-	331.4m
6	2	9M	82.5u	1.680m	-	547.4m
7	3	15M	87.9u	1.245m	1.323m	247.5m
8	2	14M	63.0u	1.782m	-	348.3m
9	3	7M	64.8u	1.462m	1.386m	534.9m
10	2	5M	92.9u	1.471m	-	421.3m
11	3	13M	92.5u	1.811m	1.432m	95.17m
12	2	9M	78.7u	1.618m	-	345.9m
13	3	15M	55.4u	963.6u	1.609m	66.20m
14	2	18M	81.8u	1.320m	-	389.3m
15	2	15M	51.8u	1.015m	-	387.1m
16	3	11M	85.0u	1.387m	1.466m	161.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	61.3u	1.249m	-	1.230
2	2	17M	89.9u	1.450m	-	1.196
3	2	11M	87.5u	1.322m	-	258.8m
4	2	10M	95.8u	1.666m	-	75.81m
5	2	9M	70.9u	1.046m	-	179.6m
6	2	9M	67.8u	1.634m	-	1.122
7	2	12M	59.2u	1.498m	-	744.0m
8	3	12M	74.6u	1.588m	1.712m	1.315
9	2	10M	90.8u	1.894m	-	1.208

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	62.9u	-	-	999.2m
2	2	10M	57.1u	1.185m	-	175.6m
3	1	18M	95.0u	-	-	613.6m
4	2	11M	86.9u	1.482m	-	888.5m
5	3	20M	91.3u	1.128m	1.655m	597.8m
6	2	6M	61.4u	1.834m	-	870.0m
7	2	15M	88.3u	1.016m	-	806.0m
8	3	16M	50.4u	1.267m	1.055m	416.7m
9	1	9M	65.9u	-	-	554.7m
10	3	17M	87.9u	1.475m	1.492m	496.9m
11	3	12M	98.9u	1.107m	1.136m	1.061

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	9M	89.6u	-	-	94.93m
2	2	14M	66.0u	1.369m	-	90.94m
3	3	17M	62.0u	1.220m	1.673m	283.1m
4	3	12M	81.2u	1.165m	1.902m	166.4m
5	2	14M	68.7u	1.457m	-	804.7m
6	1	7M	94.4u	-	-	263.4m
7	3	10M	51.5u	1.723m	1.762m	337.1m
8	1	11M	64.9u	-	-	658.6m
9	3	10M	91.8u	1.127m	1.235m	418.5m
10	1	17M	75.1u	-	-	501.5m
11	1	20M	50.1u	-	-	119.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	6M	86.6u	917.4u	1.900m	508.0m
2	2	8M	93.7u	1.812m	-	415.5m
3	3	7M	97.1u	1.490m	1.024m	276.1m
4	3	13M	71.1u	1.346m	1.148m	116.7m
5	2	12M	70.1u	1.385m	-	169.9m
6	1	6M	91.5u	-	-	280.8m
7	1	15M	87.7u	-	-	164.5m
8	1	11M	93.5u	-	-	574.6m
9	3	7M	54.4u	1.908m	1.377m	499.1m
10	2	20M	94.7u	972.3u	-	192.6m
11	1	8M	91.4u	-	-	356.6m
12	3	6M	92.9u	1.209m	1.721m	418.7m
13	2	8M	94.1u	1.437m	-	508.3m
14	2	14M	86.1u	915.9u	-	21.36m
15	1	20M	85.1u	-	-	81.65m
16	2	20M	90.2u	1.706m	-	588.9m
17	3	15M	57.0u	1.132m	1.736m	474.2m
18	2	19M	54.7u	1.827m	-	468.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	79.9u	1.712m	-	657.5m
2	2	14M	60.4u	1.123m	-	687.3m
3	2	9M	62.9u	1.632m	-	60.94m
4	3	17M	70.5u	976.5u	1.278m	481.5m
5	1	12M	58.4u	-	-	698.6m
6	3	6M	82.6u	1.673m	1.337m	586.9m
7	3	11M	88.5u	1.714m	1.607m	757.2m
8	3	6M	98.4u	1.790m	1.755m	778.6m
9	2	10M	56.1u	1.593m	-	445.7m
10	1	11M	61.3u	-	-	488.6m
11	1	10M	81.5u	-	-	503.6m
12	3	18M	89.9u	1.320m	1.250m	912.1m
13	3	19M	79.3u	1.104m	1.086m	889.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	59.2u	-	-	68.19m
2	2	6M	80.5u	1.283m	-	541.1m
3	3	18M	79.2u	988.8u	1.679m	286.0m
4	3	6M	53.8u	1.497m	1.221m	535.0m
5	1	20M	96.2u	-	-	48.04m
6	3	7M	71.1u	937.9u	937.9u	358.6m
7	2	19M	94.7u	1.587m	-	337.2m
8	2	18M	95.4u	1.066m	-	513.5m
9	1	18M	53.1u	-	-	586.0m
10	2	18M	60.2u	1.484m	-	95.07m
11	2	6M	68.3u	1.491m	-	568.0m
12	2	15M	84.1u	1.862m	-	354.0m
13	2	15M	58.3u	941.7u	-	185.2m
14	1	7M	52.4u	-	-	199.5m
15	3	11M	92.2u	1.872m	1.643m	145.5m
16	2	6M	84.7u	1.499m	-	593.4m
17	1	5M	95.1u	-	-	163.2m
18	1	18M	95.7u	-	-	493.8m

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	3	17M	69.6u	1.744m	1.120m	306.7m
2	1	11M	53.4u	-	-	120.0m
3	1	18M	55.2u	-	-	89.58m
4	2	18M	87.0u	1.227m	-	182.8m
5	2	15M	74.8u	1.809m	-	567.9m
6	2	7M	86.5u	1.832m	-	196.5m
7	1	14M	69.8u	-	-	184.9m
8	1	9M	89.9u	-	-	266.7m
9	1	7M	57.9u	-	-	65.50m
10	3	19M	94.5u	1.682m	1.564m	382.6m
11	1	19M	73.9u	-	-	405.2m
12	1	8M	70.9u	-	-	250.9m
13	3	12M	72.2u	1.516m	1.654m	307.4m
14	2	8M	57.9u	1.511m	-	646.2m
15	1	8M	59.9u	-	-	188.3m
16	1	8M	79.6u	-	-	292.7m
17	2	6M	51.1u	1.504m	-	281.2m
18	2	12M	71.8u	1.155m	-	304.2m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	53.3u	1.731m	1.490m	791.1m
2	1	18M	93.6u	-	-	287.2m
3	1	19M	61.3u	-	-	800.9m
4	2	18M	78.2u	1.538m	-	814.2m
5	2	9M	68.7u	1.491m	-	864.5m
6	3	8M	94.9u	1.485m	938.1u	603.2m
7	2	14M	85.4u	1.883m	-	606.9m
8	1	12M	60.8u	-	-	748.3m
9	2	5M	64.4u	988.6u	-	65.02m
10	2	14M	52.5u	1.553m	-	975.7m
11	2	19M	89.1u	1.052m	-	521.4m

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	2	8M	60.9u	1.611m	-	315.6m
2	3	18M	58.7u	1.824m	1.400m	519.4m
3	3	18M	78.2u	1.348m	1.005m	1.007
4	3	6M	56.2u	1.402m	1.749m	891.4m
5	2	12M	87.8u	1.199m	-	1.042
6	2	17M	58.2u	1.142m	-	763.3m
7	1	14M	91.4u	-	-	1.023
8	3	8M	87.1u	1.311m	1.024m	866.8m
9	1	11M	53.8u	-	-	163.7m
10	3	6M	70.6u	1.711m	1.182m	584.0m
11	3	19M	83.2u	1.898m	1.261m	420.7m

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	82.1u	-	-	495.1m
2	3	19M	58.2u	1.906m	1.233m	262.9m
3	1	13M	67.1u	-	-	42.96m
4	1	5M	82.4u	-	-	235.3m
5	1	9M	65.4u	-	-	104.0m
6	3	13M	96.2u	982.8u	1.362m	312.2m
7	2	10M	72.3u	1.518m	-	364.2m
8	1	16M	93.1u	-	-	91.36m
9	2	17M	55.7u	1.471m	-	536.4m
10	3	17M	93.6u	1.809m	1.392m	293.3m
11	1	18M	91.9u	-	-	527.9m
12	1	7M	69.4u	-	-	80.33m
13	1	8M	51.3u	-	-	555.6m
14	1	16M	99.6u	-	-	68.49m
15	3	10M	96.2u	1.615m	1.869m	455.8m
16	3	5M	95.3u	1.599m	1.263m	473.0m
17	3	18M	91.4u	1.814m	1.128m	566.0m
18	1	9M	59.9u	-	-	575.1m
19	2	20M	93.6u	1.554m	-	37.92m
20	2	13M	88.8u	1.094m	-	60.99m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_19
Number of Bursts in Trial: 20

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	6M	78.6u	1.607m	-	150.3m
2	2	7M	50.5u	1.368m	-	450.1m
3	2	9M	89.0u	1.759m	-	250.5m
4	2	18M	96.0u	1.056m	-	370.0m
5	1	7M	80.1u	-	-	813.3m
6	2	10M	90.3u	1.612m	-	736.6m
7	2	17M	88.4u	934.6u	-	689.3m
8	2	18M	91.8u	1.688m	-	289.6m
9	3	16M	61.4u	1.285m	1.216m	202.7m
10	2	18M	73.0u	1.893m	-	209.2m
11	3	9M	77.6u	1.562m	1.290m	395.3m
12	1	6M	83.1u	-	-	430.3m
13	3	16M	95.6u	1.008m	1.177m	715.0m
14	2	17M	59.4u	1.680m	-	397.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
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	14M	75.2u	1.078m	-	320.8m
2	3	13M	56.5u	1.254m	1.560m	808.3m
3	1	17M	81.1u	-	-	238.0m
4	2	16M	70.6u	1.533m	-	380.8m
5	1	11M	53.4u	-	-	103.5m
6	2	17M	54.5u	1.227m	-	102.9m
7	3	17M	59.8u	1.541m	1.417m	845.4m
8	2	20M	67.7u	1.535m	-	542.1m
9	3	16M	77.9u	1.467m	1.588m	526.4m
10	1	15M	75.6u	-	-	425.6m
11	3	5M	84.5u	1.694m	1.865m	12.84m
12	2	9M	86.2u	1.336m	-	136.1m
13	3	8M	68.4u	1.465m	1.009m	756.5m
14	1	10M	97.4u	-	-	369.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_22
Number of Bursts in Trial: 15

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	87.8u	1.714m	-	34.58m
2	3	9M	92.5u	1.259m	953.5u	30.79m
3	1	8M	75.8u	-	-	496.8m
4	2	7M	99.4u	1.027m	-	127.4m
5	2	6M	87.5u	1.419m	-	783.9m
6	2	10M	61.9u	1.278m	-	66.85m
7	3	16M	88.3u	1.306m	1.467m	703.0m
8	2	10M	95.9u	1.236m	-	515.4m
9	2	9M	88.8u	1.033m	-	453.8m
10	2	16M	98.5u	1.226m	-	615.3m
11	2	10M	94.4u	936.6u	-	374.2m
12	1	5M	50.4u	-	-	187.6m
13	3	6M	92.0u	1.274m	1.535m	289.8m
14	3	13M	65.5u	1.200m	1.105m	579.1m
15	2	16M	97.5u	1.485m	-	630.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
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	19M	80.0u	1.517m	-	554.7m
2	1	14M	90.7u	-	-	405.7m
3	2	9M	82.5u	1.390m	-	124.2m
4	2	20M	57.0u	1.420m	-	546.6m
5	2	7M	71.4u	1.866m	-	139.4m
6	3	20M	94.7u	1.602m	1.314m	234.2m
7	2	16M	77.5u	1.155m	-	414.2m
8	3	12M	88.0u	1.506m	1.867m	565.2m
9	2	9M	55.1u	1.445m	-	414.2m
10	1	10M	53.8u	-	-	522.8m
11	3	11M	65.5u	1.535m	1.876m	353.7m
12	3	19M	97.3u	1.337m	986.7u	254.5m
13	2	7M	61.6u	1.086m	-	193.5m
14	2	19M	78.0u	1.075m	-	225.1m
15	2	17M	93.1u	1.601m	-	407.3m
16	3	13M	55.4u	1.346m	1.729m	569.6m
17	2	6M	84.3u	1.266m	-	328.9m
18	1	18M	97.1u	-	-	481.1m
19	2	18M	87.3u	1.455m	-	394.2m
20	2	9M	64.6u	1.414m	-	556.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	52.9u	-	-	381.9m
2	1	16M	70.1u	-	-	150.0m
3	1	17M	69.7u	-	-	587.2m
4	2	5M	57.1u	1.218m	-	282.0m
5	1	7M	63.9u	-	-	612.1m
6	2	12M	71.9u	1.353m	-	272.0m
7	1	8M	82.9u	-	-	295.0m
8	2	15M	87.9u	1.874m	-	198.6m
9	2	16M	62.7u	1.278m	-	630.9m
10	1	20M	86.7u	-	-	532.8m
11	2	15M	81.8u	1.601m	-	2.208m
12	2	16M	98.6u	1.783m	-	489.1m
13	1	14M	91.3u	-	-	355.4m
14	2	14M	84.5u	959.5u	-	207.3m
15	2	9M	67.4u	1.542m	-	563.9m
16	3	7M	77.3u	937.7u	1.816m	556.5m
17	2	14M	57.3u	1.728m	-	346.1m
18	2	5M	76.4u	1.472m	-	607.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	78.1u	1.071m	-	751.0m
2	1	11M	91.9u	-	-	381.8m
3	3	19M	70.2u	1.159m	966.8u	515.8m
4	1	19M	76.1u	-	-	817.6m
5	2	15M	70.7u	1.461m	-	547.0m
6	2	9M	95.2u	1.672m	-	110.1m
7	1	15M	73.7u	-	-	621.4m
8	1	16M	93.7u	-	-	609.0m
9	2	18M	70.3u	1.581m	-	468.6m
10	2	6M	76.9u	1.611m	-	658.7m
11	3	13M	66.8u	1.179m	1.120m	417.4m
12	2	15M	90.4u	1.019m	-	701.0m
13	1	19M	90.2u	-	-	94.36m
14	3	15M	94.6u	1.454m	1.082m	762.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	60.3u	1.190m	1.922m	232.6m
2	2	9M	65.8u	1.903m	-	82.31m
3	2	6M	53.9u	1.115m	-	559.7m
4	2	18M	59.3u	1.225m	-	536.1m
5	1	8M	66.8u	-	-	403.0m
6	1	16M	71.5u	-	-	483.0m
7	3	20M	78.7u	1.021m	1.318m	197.3m
8	1	11M	78.0u	-	-	586.2m
9	3	12M	52.1u	1.541m	1.501m	457.4m
10	2	7M	77.0u	1.588m	-	274.5m
11	2	11M	73.0u	1.832m	-	106.1m
12	1	10M	59.7u	-	-	31.38m
13	3	12M	89.9u	939.1u	1.351m	565.8m
14	2	11M	69.9u	1.491m	-	147.8m
15	2	17M	92.7u	1.710m	-	192.2m
16	1	8M	83.8u	-	-	369.6m
17	2	11M	69.1u	1.051m	-	8.293m
18	2	19M	97.5u	1.829m	-	150.0m
19	3	19M	72.3u	1.620m	1.266m	249.6m
20	3	16M	99.7u	1.525m	1.273m	235.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
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	20M	76.1u	1.019m	1.923m	713.2m
2	2	12M	91.9u	934.1u	-	356.1m
3	2	17M	62.7u	1.181m	-	303.3m
4	1	13M	93.4u	-	-	610.0m
5	2	5M	79.8u	1.160m	-	830.8m
6	2	8M	50.5u	1.401m	-	711.6m
7	2	17M	75.7u	1.454m	-	246.2m
8	1	10M	83.5u	-	-	588.1m
9	2	16M	84.8u	1.513m	-	216.3m
10	3	13M	73.5u	1.262m	1.467m	487.4m
11	2	7M	90.5u	1.787m	-	348.8m
12	2	16M	63.9u	1.331m	-	649.0m
13	2	13M	96.7u	912.3u	-	876.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_28
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	53.6u	948.4u	-	867.5m
2	1	6M	88.4u	-	-	378.4m
3	1	5M	64.5u	-	-	116.1m
4	2	18M	63.1u	1.106m	-	873.7m
5	2	17M	98.1u	1.669m	-	669.1m
6	1	14M	85.1u	-	-	30.34m
7	3	8M	60.2u	1.234m	1.347m	556.5m
8	1	9M	68.4u	-	-	397.6m
9	1	18M	77.1u	-	-	655.2m
10	2	12M	75.3u	1.145m	-	451.5m
11	3	16M	52.4u	1.670m	1.916m	707.0m
12	3	6M	96.1u	1.146m	1.512m	402.1m
13	3	11M	63.2u	1.505m	1.663m	25.05m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_29
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	17M	94.8u	-	-	993.6m
2	2	15M	79.2u	1.590m	-	1.182
3	2	17M	80.7u	1.277m	-	169.7m
4	2	5M	66.3u	1.636m	-	779.2m
5	2	16M	84.6u	1.243m	-	1.168
6	1	17M	90.9u	-	-	684.8m
7	1	14M	78.8u	-	-	1.152
8	2	10M	56.8u	990.2u	-	937.4m
9	2	19M	71.2u	1.062m	-	1.155
10	2	13M	77.7u	1.000m	-	294.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	84.3u	937.7u	-	205.6m
2	1	12M	58.3u	-	-	684.6m
3	2	14M	88.1u	1.897m	-	475.0m
4	2	10M	83.5u	1.649m	-	688.6m
5	3	20M	69.3u	1.029m	1.561m	207.1m
6	2	18M	95.8u	1.789m	-	452.1m
7	2	13M	64.6u	1.414m	-	280.8m
8	1	13M	81.4u	-	-	373.9m
9	2	20M	91.9u	1.261m	-	726.1m
10	1	20M	55.6u	-	-	284.6m
11	2	10M	63.8u	1.680m	-	631.3m
12	3	19M	85.4u	1.585m	1.394m	474.0m
13	2	15M	51.1u	1.698m	-	93.58m
14	2	13M	88.8u	1.899m	-	40.81m
15	3	17M	93.4u	1.568m	1.183m	417.1m
16	2	11M	95.0u	926.0u	-	213.7m

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	5.542G	2	5.366G	3	5.550G	4	5.349G
5	5.409G	6	5.552G	7	5.596G	8	5.376G
9	5.659G	10	5.278G	11	5.420G	12	5.582G
13	5.394G	14	5.693G	15	5.358G	16	5.713G
17	5.661G	18	5.256G	19	5.343G	20	5.720G
21	5.718G	22	5.261G	23	5.703G	24	5.423G
25	5.688G	26	5.430G	27	5.577G	28	5.250G
29	5.500G	30	5.294G	31	5.431G	32	5.513G
33	5.717G	34	5.716G	35	5.605G	36	5.572G
37	5.310G	38	5.575G	39	5.622G	40	5.711G
41	5.676G	42	5.345G	43	5.328G	44	5.537G
45	5.272G	46	5.306G	47	5.607G	48	5.266G
49	5.330G	50	5.435G	51	5.689G	52	5.565G
53	5.518G	54	5.699G	55	5.715G	56	5.514G
57	5.663G	58	5.474G	59	5.647G	60	5.279G
61	5.583G	62	5.553G	63	5.253G	64	5.400G
65	5.584G	66	5.530G	67	5.425G	68	5.508G
69	5.684G	70	5.519G	71	5.450G	72	5.314G
73	5.510G	74	5.639G	75	5.498G	76	5.301G
77	5.641G	78	5.654G	79	5.633G	80	5.460G
81	5.384G	82	5.653G	83	5.675G	84	5.439G
85	5.623G	86	5.509G	87	5.312G	88	5.721G
89	5.682G	90	5.529G	91	5.606G	92	5.627G
93	5.532G	94	5.274G	95	5.438G	96	5.454G
97	5.493G	98	5.476G	99	5.668G	100	5.635G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.702G	2	5.672G	3	5.668G	4	5.398G
5	5.443G	6	5.520G	7	5.352G	8	5.459G
9	5.388G	10	5.718G	11	5.631G	12	5.533G
13	5.392G	14	5.563G	15	5.387G	16	5.400G
17	5.435G	18	5.694G	19	5.645G	20	5.464G
21	5.584G	22	5.381G	23	5.433G	24	5.615G
25	5.351G	26	5.324G	27	5.675G	28	5.438G
29	5.541G	30	5.347G	31	5.458G	32	5.573G
33	5.365G	34	5.532G	35	5.282G	36	5.354G
37	5.637G	38	5.471G	39	5.551G	40	5.630G
41	5.349G	42	5.291G	43	5.485G	44	5.465G
45	5.537G	46	5.570G	47	5.574G	48	5.319G
49	5.518G	50	5.274G	51	5.451G	52	5.648G
53	5.688G	54	5.353G	55	5.270G	56	5.320G
57	5.468G	58	5.415G	59	5.408G	60	5.424G
61	5.411G	62	5.607G	63	5.358G	64	5.697G
65	5.678G	66	5.389G	67	5.310G	68	5.634G
69	5.419G	70	5.538G	71	5.257G	72	5.427G
73	5.401G	74	5.344G	75	5.676G	76	5.306G
77	5.498G	78	5.657G	79	5.703G	80	5.499G
81	5.566G	82	5.519G	83	5.332G	84	5.399G
85	5.334G	86	5.407G	87	5.301G	88	5.650G
89	5.517G	90	5.578G	91	5.585G	92	5.377G
93	5.255G	94	5.583G	95	5.587G	96	5.715G
97	5.362G	98	5.393G	99	5.586G	100	5.276G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.402G	2	5.455G	3	5.633G	4	5.297G
5	5.562G	6	5.715G	7	5.627G	8	5.548G
9	5.538G	10	5.468G	11	5.520G	12	5.668G
13	5.350G	14	5.485G	15	5.499G	16	5.516G
17	5.277G	18	5.719G	19	5.364G	20	5.710G
21	5.523G	22	5.688G	23	5.563G	24	5.293G
25	5.379G	26	5.373G	27	5.426G	28	5.333G
29	5.600G	30	5.512G	31	5.425G	32	5.421G
33	5.295G	34	5.595G	35	5.492G	36	5.394G
37	5.456G	38	5.643G	39	5.566G	40	5.590G
41	5.534G	42	5.549G	43	5.546G	44	5.707G
45	5.311G	46	5.265G	47	5.403G	48	5.381G
49	5.547G	50	5.522G	51	5.261G	52	5.598G
53	5.452G	54	5.278G	55	5.693G	56	5.264G
57	5.483G	58	5.472G	59	5.279G	60	5.301G
61	5.704G	62	5.558G	63	5.413G	64	5.251G
65	5.484G	66	5.580G	67	5.681G	68	5.711G
69	5.612G	70	5.323G	71	5.387G	72	5.439G
73	5.328G	74	5.645G	75	5.339G	76	5.285G
77	5.557G	78	5.488G	79	5.358G	80	5.603G
81	5.475G	82	5.585G	83	5.723G	84	5.605G
85	5.478G	86	5.584G	87	5.583G	88	5.356G
89	5.336G	90	5.599G	91	5.405G	92	5.537G
93	5.302G	94	5.438G	95	5.652G	96	5.680G
97	5.480G	98	5.399G	99	5.722G	100	5.604G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.497G	3	5.718G	4	5.472G
5	5.358G	6	5.608G	7	5.406G	8	5.315G
9	5.551G	10	5.332G	11	5.569G	12	5.343G
13	5.671G	14	5.399G	15	5.424G	16	5.687G
17	5.347G	18	5.651G	19	5.586G	20	5.685G
21	5.646G	22	5.506G	23	5.681G	24	5.668G
25	5.652G	26	5.544G	27	5.500G	28	5.390G
29	5.695G	30	5.453G	31	5.483G	32	5.265G
33	5.341G	34	5.561G	35	5.396G	36	5.434G
37	5.290G	38	5.672G	39	5.373G	40	5.350G
41	5.564G	42	5.471G	43	5.490G	44	5.374G
45	5.400G	46	5.475G	47	5.309G	48	5.427G
49	5.255G	50	5.648G	51	5.639G	52	5.480G
53	5.534G	54	5.694G	55	5.536G	56	5.643G
57	5.598G	58	5.291G	59	5.546G	60	5.252G
61	5.388G	62	5.714G	63	5.420G	64	5.301G
65	5.281G	66	5.637G	67	5.552G	68	5.595G
69	5.395G	70	5.606G	71	5.283G	72	5.331G
73	5.381G	74	5.278G	75	5.592G	76	5.279G
77	5.635G	78	5.417G	79	5.576G	80	5.628G
81	5.549G	82	5.272G	83	5.571G	84	5.308G
85	5.382G	86	5.468G	87	5.464G	88	5.378G
89	5.357G	90	5.523G	91	5.487G	92	5.604G
93	5.550G	94	5.303G	95	5.259G	96	5.294G
97	5.699G	98	5.433G	99	5.340G	100	5.698G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.510G	2	5.710G	3	5.684G	4	5.619G
5	5.296G	6	5.724G	7	5.272G	8	5.421G
9	5.678G	10	5.331G	11	5.640G	12	5.406G
13	5.292G	14	5.566G	15	5.327G	16	5.696G
17	5.573G	18	5.540G	19	5.386G	20	5.265G
21	5.539G	22	5.655G	23	5.369G	24	5.372G
25	5.578G	26	5.412G	27	5.311G	28	5.469G
29	5.450G	30	5.499G	31	5.370G	32	5.256G
33	5.616G	34	5.454G	35	5.379G	36	5.623G
37	5.707G	38	5.625G	39	5.648G	40	5.423G
41	5.431G	42	5.367G	43	5.451G	44	5.465G
45	5.269G	46	5.415G	47	5.615G	48	5.654G
49	5.491G	50	5.498G	51	5.302G	52	5.702G
53	5.665G	54	5.254G	55	5.633G	56	5.316G
57	5.398G	58	5.692G	59	5.476G	60	5.305G
61	5.670G	62	5.621G	63	5.458G	64	5.349G
65	5.411G	66	5.392G	67	5.448G	68	5.587G
69	5.304G	70	5.521G	71	5.276G	72	5.361G
73	5.564G	74	5.632G	75	5.429G	76	5.253G
77	5.445G	78	5.355G	79	5.399G	80	5.471G
81	5.466G	82	5.487G	83	5.589G	84	5.535G
85	5.685G	86	5.524G	87	5.438G	88	5.443G
89	5.548G	90	5.599G	91	5.602G	92	5.407G
93	5.567G	94	5.552G	95	5.424G	96	5.287G
97	5.668G	98	5.583G	99	5.261G	100	5.270G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.292G	2	5.715G	3	5.422G	4	5.536G
5	5.608G	6	5.472G	7	5.539G	8	5.359G
9	5.661G	10	5.650G	11	5.323G	12	5.393G
13	5.270G	14	5.621G	15	5.498G	16	5.605G
17	5.257G	18	5.549G	19	5.519G	20	5.649G
21	5.724G	22	5.578G	23	5.497G	24	5.274G
25	5.255G	26	5.505G	27	5.595G	28	5.324G
29	5.685G	30	5.391G	31	5.516G	32	5.529G
33	5.376G	34	5.319G	35	5.717G	36	5.710G
37	5.305G	38	5.256G	39	5.503G	40	5.680G
41	5.588G	42	5.511G	43	5.392G	44	5.702G
45	5.528G	46	5.607G	47	5.548G	48	5.459G
49	5.569G	50	5.688G	51	5.328G	52	5.296G
53	5.530G	54	5.660G	55	5.437G	56	5.506G
57	5.333G	58	5.423G	59	5.513G	60	5.665G
61	5.297G	62	5.640G	63	5.413G	64	5.353G
65	5.721G	66	5.493G	67	5.677G	68	5.461G
69	5.565G	70	5.294G	71	5.589G	72	5.375G
73	5.562G	74	5.327G	75	5.287G	76	5.711G
77	5.268G	78	5.462G	79	5.509G	80	5.687G
81	5.277G	82	5.587G	83	5.657G	84	5.632G
85	5.714G	86	5.273G	87	5.703G	88	5.448G
89	5.675G	90	5.678G	91	5.719G	92	5.265G
93	5.337G	94	5.693G	95	5.482G	96	5.452G
97	5.718G	98	5.276G	99	5.644G	100	5.606G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.369G	2	5.315G	3	5.293G	4	5.409G
5	5.673G	6	5.718G	7	5.447G	8	5.666G
9	5.557G	10	5.308G	11	5.583G	12	5.579G
13	5.390G	14	5.430G	15	5.365G	16	5.576G
17	5.347G	18	5.485G	19	5.262G	20	5.649G
21	5.664G	22	5.258G	23	5.368G	24	5.385G
25	5.522G	26	5.648G	27	5.542G	28	5.359G
29	5.250G	30	5.685G	31	5.527G	32	5.338G
33	5.704G	34	5.259G	35	5.456G	36	5.423G
37	5.341G	38	5.695G	39	5.354G	40	5.517G
41	5.594G	42	5.444G	43	5.318G	44	5.424G
45	5.504G	46	5.663G	47	5.540G	48	5.328G
49	5.363G	50	5.474G	51	5.254G	52	5.422G
53	5.317G	54	5.286G	55	5.362G	56	5.617G
57	5.267G	58	5.680G	59	5.657G	60	5.366G
61	5.538G	62	5.408G	63	5.524G	64	5.496G
65	5.324G	66	5.257G	67	5.623G	68	5.382G
69	5.563G	70	5.620G	71	5.537G	72	5.536G
73	5.644G	74	5.668G	75	5.672G	76	5.397G
77	5.533G	78	5.491G	79	5.519G	80	5.451G
81	5.371G	82	5.310G	83	5.438G	84	5.581G
85	5.263G	86	5.645G	87	5.602G	88	5.386G
89	5.350G	90	5.351G	91	5.360G	92	5.446G
93	5.507G	94	5.505G	95	5.580G	96	5.452G
97	5.497G	98	5.380G	99	5.289G	100	5.547G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.705G	2	5.279G	3	5.683G	4	5.493G
5	5.661G	6	5.684G	7	5.271G	8	5.291G
9	5.439G	10	5.401G	11	5.554G	12	5.535G
13	5.498G	14	5.702G	15	5.586G	16	5.340G
17	5.580G	18	5.631G	19	5.599G	20	5.660G
21	5.318G	22	5.619G	23	5.500G	24	5.713G
25	5.715G	26	5.687G	27	5.639G	28	5.699G
29	5.416G	30	5.370G	31	5.482G	32	5.706G
33	5.449G	34	5.456G	35	5.548G	36	5.267G
37	5.648G	38	5.366G	39	5.622G	40	5.338G
41	5.407G	42	5.420G	43	5.577G	44	5.629G
45	5.426G	46	5.634G	47	5.436G	48	5.517G
49	5.270G	50	5.539G	51	5.677G	52	5.347G
53	5.690G	54	5.509G	55	5.260G	56	5.486G
57	5.428G	58	5.590G	59	5.369G	60	5.632G
61	5.573G	62	5.391G	63	5.371G	64	5.518G
65	5.453G	66	5.360G	67	5.399G	68	5.376G
69	5.655G	70	5.585G	71	5.540G	72	5.520G
73	5.591G	74	5.688G	75	5.513G	76	5.275G
77	5.355G	78	5.560G	79	5.703G	80	5.686G
81	5.566G	82	5.476G	83	5.645G	84	5.685G
85	5.427G	86	5.253G	87	5.378G	88	5.616G
89	5.325G	90	5.312G	91	5.651G	92	5.383G
93	5.300G	94	5.664G	95	5.721G	96	5.627G
97	5.490G	98	5.319G	99	5.524G	100	5.287G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.450G	2	5.302G	3	5.598G	4	5.417G
5	5.273G	6	5.702G	7	5.550G	8	5.643G
9	5.348G	10	5.716G	11	5.677G	12	5.575G
13	5.649G	14	5.515G	15	5.610G	16	5.628G
17	5.334G	18	5.511G	19	5.464G	20	5.673G
21	5.337G	22	5.291G	23	5.652G	24	5.603G
25	5.617G	26	5.683G	27	5.582G	28	5.477G
29	5.430G	30	5.338G	31	5.368G	32	5.484G
33	5.269G	34	5.322G	35	5.459G	36	5.439G
37	5.434G	38	5.432G	39	5.446G	40	5.260G
41	5.361G	42	5.609G	43	5.394G	44	5.301G
45	5.347G	46	5.629G	47	5.670G	48	5.719G
49	5.709G	50	5.574G	51	5.559G	52	5.543G
53	5.528G	54	5.547G	55	5.529G	56	5.379G
57	5.300G	58	5.660G	59	5.707G	60	5.385G
61	5.612G	62	5.431G	63	5.314G	64	5.395G
65	5.616G	66	5.722G	67	5.424G	68	5.262G
69	5.409G	70	5.700G	71	5.329G	72	5.307G
73	5.703G	74	5.622G	75	5.386G	76	5.294G
77	5.440G	78	5.392G	79	5.255G	80	5.606G
81	5.630G	82	5.358G	83	5.680G	84	5.304G
85	5.320G	86	5.326G	87	5.489G	88	5.266G
89	5.654G	90	5.604G	91	5.508G	92	5.717G
93	5.373G	94	5.252G	95	5.577G	96	5.259G
97	5.281G	98	5.473G	99	5.479G	100	5.384G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.511G	2	5.371G	3	5.254G	4	5.297G
5	5.630G	6	5.373G	7	5.672G	8	5.530G
9	5.345G	10	5.486G	11	5.593G	12	5.626G
13	5.489G	14	5.553G	15	5.277G	16	5.519G
17	5.560G	18	5.531G	19	5.503G	20	5.595G
21	5.534G	22	5.639G	23	5.267G	24	5.401G
25	5.265G	26	5.363G	27	5.505G	28	5.367G
29	5.683G	30	5.539G	31	5.433G	32	5.645G
33	5.422G	34	5.681G	35	5.384G	36	5.312G
37	5.559G	38	5.414G	39	5.701G	40	5.638G
41	5.436G	42	5.514G	43	5.664G	44	5.255G
45	5.459G	46	5.324G	47	5.551G	48	5.472G
49	5.307G	50	5.320G	51	5.699G	52	5.584G
53	5.703G	54	5.567G	55	5.447G	56	5.339G
57	5.313G	58	5.416G	59	5.688G	60	5.362G
61	5.382G	62	5.576G	63	5.654G	64	5.642G
65	5.5515G	66	5.450G	67	5.464G	68	5.424G
69	5.719G	70	5.557G	71	5.392G	72	5.561G
73	5.548G	74	5.599G	75	5.689G	76	5.280G
77	5.479G	78	5.484G	79	5.449G	80	5.618G
81	5.421G	82	5.430G	83	5.552G	84	5.634G
85	5.281G	86	5.710G	87	5.545G	88	5.398G
89	5.550G	90	5.516G	91	5.266G	92	5.652G
93	5.490G	94	5.474G	95	5.435G	96	5.303G
97	5.299G	98	5.434G	99	5.600G	100	5.715G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.444G	2	5.638G	3	5.645G	4	5.688G
5	5.700G	6	5.344G	7	5.357G	8	5.723G
9	5.362G	10	5.684G	11	5.595G	12	5.537G
13	5.602G	14	5.262G	15	5.639G	16	5.637G
17	5.307G	18	5.392G	19	5.581G	20	5.549G
21	5.264G	22	5.305G	23	5.469G	24	5.518G
25	5.395G	26	5.585G	27	5.513G	28	5.577G
29	5.485G	30	5.693G	31	5.545G	32	5.447G
33	5.266G	34	5.419G	35	5.633G	36	5.721G
37	5.593G	38	5.439G	39	5.610G	40	5.650G
41	5.695G	42	5.597G	43	5.703G	44	5.427G
45	5.250G	46	5.552G	47	5.465G	48	5.366G
49	5.615G	50	5.303G	51	5.562G	52	5.253G
53	5.550G	54	5.607G	55	5.430G	56	5.613G
57	5.618G	58	5.691G	59	5.322G	60	5.592G
61	5.338G	62	5.332G	63	5.291G	64	5.534G
65	5.308G	66	5.626G	67	5.397G	68	5.563G
69	5.603G	70	5.677G	71	5.498G	72	5.652G
73	5.345G	74	5.294G	75	5.666G	76	5.710G
77	5.437G	78	5.370G	79	5.401G	80	5.521G
81	5.412G	82	5.278G	83	5.576G	84	5.560G
85	5.487G	86	5.416G	87	5.386G	88	5.696G
89	5.387G	90	5.279G	91	5.369G	92	5.569G
93	5.527G	94	5.547G	95	5.379G	96	5.404G
97	5.457G	98	5.293G	99	5.631G	100	5.501G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.711G	2	5.695G	3	5.419G	4	5.412G
5	5.279G	6	5.714G	7	5.363G	8	5.456G
9	5.329G	10	5.459G	11	5.469G	12	5.516G
13	5.684G	14	5.531G	15	5.385G	16	5.421G
17	5.646G	18	5.446G	19	5.688G	20	5.376G
21	5.271G	22	5.704G	23	5.496G	24	5.332G
25	5.449G	26	5.250G	27	5.613G	28	5.679G
29	5.354G	30	5.582G	31	5.527G	32	5.486G
33	5.415G	34	5.710G	35	5.266G	36	5.601G
37	5.457G	38	5.681G	39	5.404G	40	5.519G
41	5.360G	42	5.375G	43	5.394G	44	5.401G
45	5.435G	46	5.265G	47	5.499G	48	5.471G
49	5.663G	50	5.510G	51	5.675G	52	5.591G
53	5.583G	54	5.485G	55	5.297G	56	5.274G
57	5.383G	58	5.701G	59	5.384G	60	5.275G
61	5.487G	62	5.577G	63	5.706G	64	5.378G
65	5.359G	66	5.300G	67	5.377G	68	5.308G
69	5.353G	70	5.653G	71	5.522G	72	5.621G
73	5.254G	74	5.609G	75	5.482G	76	5.366G
77	5.358G	78	5.292G	79	5.371G	80	5.417G
81	5.709G	82	5.617G	83	5.455G	84	5.680G
85	5.452G	86	5.524G	87	5.484G	88	5.393G
89	5.305G	90	5.270G	91	5.347G	92	5.597G
93	5.713G	94	5.545G	95	5.661G	96	5.520G
97	5.314G	98	5.595G	99	5.700G	100	5.458G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.514G	2	5.498G	3	5.553G	4	5.431G
5	5.500G	6	5.563G	7	5.533G	8	5.389G
9	5.423G	10	5.567G	11	5.456G	12	5.646G
13	5.590G	14	5.360G	15	5.716G	16	5.618G
17	5.373G	18	5.407G	19	5.265G	20	5.715G
21	5.674G	22	5.707G	23	5.327G	24	5.288G
25	5.620G	26	5.260G	27	5.670G	28	5.551G
29	5.457G	30	5.444G	31	5.581G	32	5.604G
33	5.552G	34	5.272G	35	5.484G	36	5.487G
37	5.664G	38	5.297G	39	5.689G	40	5.460G
41	5.320G	42	5.660G	43	5.281G	44	5.364G
45	5.601G	46	5.502G	47	5.401G	48	5.420G
49	5.316G	50	5.468G	51	5.549G	52	5.586G
53	5.541G	54	5.250G	55	5.299G	56	5.283G
57	5.337G	58	5.577G	59	5.648G	60	5.678G
61	5.570G	62	5.532G	63	5.309G	64	5.262G
65	5.535G	66	5.721G	67	5.655G	68	5.461G
69	5.383G	70	5.340G	71	5.328G	72	5.718G
73	5.571G	74	5.406G	75	5.588G	76	5.347G
77	5.385G	78	5.404G	79	5.654G	80	5.251G
81	5.354G	82	5.598G	83	5.661G	84	5.510G
85	5.545G	86	5.555G	87	5.438G	88	5.634G
89	5.462G	90	5.723G	91	5.333G	92	5.315G
93	5.705G	94	5.724G	95	5.253G	96	5.667G
97	5.635G	98	5.703G	99	5.455G	100	5.666G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.419G	2	5.582G	3	5.671G	4	5.493G
5	5.557G	6	5.612G	7	5.373G	8	5.448G
9	5.500G	10	5.479G	11	5.310G	12	5.399G
13	5.390G	14	5.421G	15	5.608G	16	5.272G
17	5.473G	18	5.321G	19	5.571G	20	5.300G
21	5.549G	22	5.530G	23	5.417G	24	5.284G
25	5.296G	26	5.649G	27	5.329G	28	5.465G
29	5.650G	30	5.429G	31	5.635G	32	5.316G
33	5.458G	34	5.434G	35	5.270G	36	5.673G
37	5.548G	38	5.449G	39	5.304G	40	5.475G
41	5.457G	42	5.538G	43	5.353G	44	5.693G
45	5.289G	46	5.591G	47	5.271G	48	5.690G
49	5.625G	50	5.589G	51	5.499G	52	5.256G
53	5.370G	54	5.361G	55	5.468G	56	5.401G
57	5.518G	58	5.570G	59	5.264G	60	5.444G
61	5.552G	62	5.703G	63	5.511G	64	5.567G
65	5.252G	66	5.514G	67	5.359G	68	5.502G
69	5.280G	70	5.389G	71	5.715G	72	5.306G
73	5.283G	74	5.656G	75	5.636G	76	5.634G
77	5.724G	78	5.454G	79	5.534G	80	5.676G
81	5.598G	82	5.666G	83	5.260G	84	5.379G
85	5.332G	86	5.314G	87	5.413G	88	5.613G
89	5.505G	90	5.418G	91	5.675G	92	5.368G
93	5.699G	94	5.266G	95	5.652G	96	5.497G
97	5.704G	98	5.410G	99	5.584G	100	5.575G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.519G	2	5.588G	3	5.272G	4	5.335G
5	5.629G	6	5.450G	7	5.716G	8	5.720G
9	5.394G	10	5.311G	11	5.449G	12	5.508G
13	5.639G	14	5.548G	15	5.297G	16	5.559G
17	5.347G	18	5.344G	19	5.360G	20	5.610G
21	5.476G	22	5.330G	23	5.591G	24	5.441G
25	5.474G	26	5.306G	27	5.456G	28	5.653G
29	5.492G	30	5.458G	31	5.510G	32	5.316G
33	5.491G	34	5.337G	35	5.644G	36	5.685G
37	5.679G	38	5.498G	39	5.386G	40	5.383G
41	5.408G	42	5.695G	43	5.307G	44	5.268G
45	5.339G	46	5.536G	47	5.501G	48	5.457G
49	5.436G	50	5.433G	51	5.444G	52	5.705G
53	5.263G	54	5.331G	55	5.412G	56	5.537G
57	5.689G	58	5.369G	59	5.361G	60	5.287G
61	5.555G	62	5.264G	63	5.721G	64	5.462G
65	5.399G	66	5.368G	67	5.673G	68	5.619G
69	5.349G	70	5.260G	71	5.706G	72	5.435G
73	5.391G	74	5.402G	75	5.523G	76	5.333G
77	5.299G	78	5.292G	79	5.468G	80	5.606G
81	5.252G	82	5.481G	83	5.348G	84	5.600G
85	5.564G	86	5.482G	87	5.353G	88	5.367G
89	5.470G	90	5.681G	91	5.521G	92	5.404G
93	5.281G	94	5.568G	95	5.382G	96	5.415G
97	5.631G	98	5.413G	99	5.314G	100	5.538G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.422G	2	5.303G	3	5.554G	4	5.386G
5	5.703G	6	5.294G	7	5.334G	8	5.657G
9	5.660G	10	5.431G	11	5.699G	12	5.429G
13	5.718G	14	5.617G	15	5.310G	16	5.613G
17	5.557G	18	5.686G	19	5.662G	20	5.299G
21	5.300G	22	5.486G	23	5.413G	24	5.277G
25	5.301G	26	5.550G	27	5.493G	28	5.687G
29	5.371G	30	5.255G	31	5.387G	32	5.497G
33	5.520G	34	5.594G	35	5.351G	36	5.689G
37	5.275G	38	5.353G	39	5.569G	40	5.262G
41	5.482G	42	5.585G	43	5.656G	44	5.383G
45	5.627G	46	5.670G	47	5.619G	48	5.530G
49	5.308G	50	5.666G	51	5.344G	52	5.655G
53	5.509G	54	5.551G	55	5.382G	56	5.392G
57	5.319G	58	5.355G	59	5.338G	60	5.508G
61	5.702G	62	5.336G	63	5.346G	64	5.592G
65	5.436G	66	5.445G	67	5.313G	68	5.335G
69	5.595G	70	5.393G	71	5.543G	72	5.417G
73	5.258G	74	5.635G	75	5.677G	76	5.535G
77	5.361G	78	5.305G	79	5.537G	80	5.560G
81	5.456G	82	5.638G	83	5.470G	84	5.646G
85	5.676G	86	5.321G	87	5.288G	88	5.250G
89	5.290G	90	5.394G	91	5.296G	92	5.565G
93	5.315G	94	5.466G	95	5.562G	96	5.528G
97	5.629G	98	5.357G	99	5.251G	100	5.462G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.565G	3	5.645G	4	5.660G
5	5.534G	6	5.321G	7	5.611G	8	5.591G
9	5.295G	10	5.670G	11	5.563G	12	5.353G
13	5.363G	14	5.519G	15	5.356G	16	5.332G
17	5.374G	18	5.583G	19	5.614G	20	5.650G
21	5.261G	22	5.385G	23	5.509G	24	5.394G
25	5.510G	26	5.413G	27	5.634G	28	5.483G
29	5.347G	30	5.500G	31	5.326G	32	5.318G
33	5.414G	34	5.345G	35	5.265G	36	5.723G
37	5.334G	38	5.577G	39	5.278G	40	5.319G
41	5.351G	42	5.489G	43	5.532G	44	5.405G
45	5.298G	46	5.322G	47	5.459G	48	5.281G
49	5.636G	50	5.466G	51	5.522G	52	5.507G
53	5.392G	54	5.622G	55	5.467G	56	5.639G
57	5.539G	58	5.570G	59	5.411G	60	5.288G
61	5.344G	62	5.480G	63	5.346G	64	5.330G
65	5.649G	66	5.422G	67	5.282G	68	5.488G
69	5.504G	70	5.505G	71	5.410G	72	5.671G
73	5.364G	74	5.492G	75	5.365G	76	5.633G
77	5.327G	78	5.262G	79	5.518G	80	5.662G
81	5.562G	82	5.251G	83	5.379G	84	5.704G
85	5.716G	86	5.462G	87	5.432G	88	5.542G
89	5.320G	90	5.528G	91	5.543G	92	5.676G
93	5.541G	94	5.629G	95	5.682G	96	5.477G
97	5.397G	98	5.310G	99	5.640G	100	5.471G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.626G	2	5.273G	3	5.319G	4	5.652G
5	5.367G	6	5.396G	7	5.656G	8	5.418G
9	5.708G	10	5.380G	11	5.365G	12	5.349G
13	5.482G	14	5.638G	15	5.608G	16	5.477G
17	5.634G	18	5.284G	19	5.392G	20	5.303G
21	5.702G	22	5.414G	23	5.534G	24	5.585G
25	5.489G	26	5.562G	27	5.357G	28	5.603G
29	5.548G	30	5.455G	31	5.510G	32	5.454G
33	5.564G	34	5.325G	35	5.575G	36	5.412G
37	5.572G	38	5.415G	39	5.673G	40	5.265G
41	5.342G	42	5.299G	43	5.449G	44	5.654G
45	5.340G	46	5.596G	47	5.353G	48	5.601G
49	5.453G	50	5.285G	51	5.685G	52	5.368G
53	5.306G	54	5.611G	55	5.379G	56	5.250G
57	5.448G	58	5.333G	59	5.443G	60	5.362G
61	5.437G	62	5.600G	63	5.701G	64	5.507G
65	5.607G	66	5.671G	67	5.344G	68	5.421G
69	5.426G	70	5.537G	71	5.715G	72	5.436G
73	5.573G	74	5.354G	75	5.369G	76	5.493G
77	5.689G	78	5.622G	79	5.501G	80	5.381G
81	5.667G	82	5.445G	83	5.500G	84	5.258G
85	5.704G	86	5.697G	87	5.648G	88	5.604G
89	5.508G	90	5.424G	91	5.592G	92	5.251G
93	5.576G	94	5.637G	95	5.577G	96	5.723G
97	5.515G	98	5.267G	99	5.400G	100	5.320G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.580G	2	5.585G	3	5.328G	4	5.718G
5	5.490G	6	5.445G	7	5.498G	8	5.284G
9	5.505G	10	5.703G	11	5.436G	12	5.600G
13	5.388G	14	5.679G	15	5.569G	16	5.557G
17	5.394G	18	5.690G	19	5.344G	20	5.487G
21	5.550G	22	5.594G	23	5.426G	24	5.670G
25	5.571G	26	5.701G	27	5.508G	28	5.416G
29	5.470G	30	5.661G	31	5.373G	32	5.479G
33	5.513G	34	5.326G	35	5.549G	36	5.524G
37	5.315G	38	5.629G	39	5.312G	40	5.474G
41	5.374G	42	5.459G	43	5.566G	44	5.291G
45	5.335G	46	5.313G	47	5.541G	48	5.554G
49	5.687G	50	5.409G	51	5.348G	52	5.598G
53	5.723G	54	5.452G	55	5.647G	56	5.696G
57	5.512G	58	5.319G	59	5.509G	60	5.602G
61	5.548G	62	5.658G	63	5.288G	64	5.699G
65	5.492G	66	5.264G	67	5.271G	68	5.578G
69	5.468G	70	5.385G	71	5.605G	72	5.411G
73	5.650G	74	5.516G	75	5.295G	76	5.637G
77	5.570G	78	5.432G	79	5.514G	80	5.430G
81	5.383G	82	5.712G	83	5.618G	84	5.489G
85	5.698G	86	5.438G	87	5.635G	88	5.688G
89	5.616G	90	5.272G	91	5.461G	92	5.656G
93	5.471G	94	5.683G	95	5.475G	96	5.562G
97	5.556G	98	5.612G	99	5.639G	100	5.643G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.396G	2	5.693G	3	5.563G	4	5.631G
5	5.353G	6	5.576G	7	5.662G	8	5.252G
9	5.635G	10	5.449G	11	5.602G	12	5.539G
13	5.499G	14	5.331G	15	5.289G	16	5.344G
17	5.256G	18	5.598G	19	5.536G	20	5.479G
21	5.446G	22	5.431G	23	5.654G	24	5.645G
25	5.713G	26	5.259G	27	5.617G	28	5.427G
29	5.281G	30	5.341G	31	5.560G	32	5.632G
33	5.435G	34	5.343G	35	5.471G	36	5.339G
37	5.701G	38	5.529G	39	5.505G	40	5.378G
41	5.657G	42	5.317G	43	5.707G	44	5.324G
45	5.493G	46	5.714G	47	5.410G	48	5.651G
49	5.389G	50	5.279G	51	5.443G	52	5.284G
53	5.424G	54	5.488G	55	5.448G	56	5.565G
57	5.562G	58	5.348G	59	5.371G	60	5.703G
61	5.582G	62	5.622G	63	5.481G	64	5.502G
65	5.328G	66	5.457G	67	5.422G	68	5.433G
69	5.451G	70	5.716G	71	5.711G	72	5.352G
73	5.610G	74	5.455G	75	5.274G	76	5.692G
77	5.460G	78	5.377G	79	5.263G	80	5.349G
81	5.411G	82	5.578G	83	5.287G	84	5.515G
85	5.590G	86	5.552G	87	5.624G	88	5.702G
89	5.423G	90	5.648G	91	5.468G	92	5.453G
93	5.597G	94	5.438G	95	5.380G	96	5.463G
97	5.483G	98	5.266G	99	5.271G	100	5.596G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.608G	2	5.583G	3	5.446G	4	5.589G
5	5.370G	6	5.288G	7	5.627G	8	5.418G
9	5.584G	10	5.439G	11	5.326G	12	5.301G
13	5.279G	14	5.600G	15	5.724G	16	5.639G
17	5.580G	18	5.489G	19	5.704G	20	5.363G
21	5.709G	22	5.436G	23	5.389G	24	5.720G
25	5.563G	26	5.549G	27	5.587G	28	5.409G
29	5.381G	30	5.661G	31	5.690G	32	5.619G
33	5.430G	34	5.599G	35	5.655G	36	5.706G
37	5.444G	38	5.673G	39	5.606G	40	5.550G
41	5.330G	42	5.541G	43	5.282G	44	5.299G
45	5.471G	46	5.250G	47	5.456G	48	5.310G
49	5.698G	50	5.501G	51	5.636G	52	5.610G
53	5.342G	54	5.614G	55	5.291G	56	5.284G
57	5.428G	58	5.415G	59	5.648G	60	5.579G
61	5.273G	62	5.406G	63	5.263G	64	5.378G
65	5.336G	66	5.300G	67	5.687G	68	5.574G
69	5.450G	70	5.573G	71	5.486G	72	5.538G
73	5.620G	74	5.338G	75	5.455G	76	5.345G
77	5.467G	78	5.473G	79	5.548G	80	5.368G
81	5.274G	82	5.531G	83	5.500G	84	5.346G
85	5.547G	86	5.312G	87	5.625G	88	5.520G
89	5.421G	90	5.635G	91	5.535G	92	5.272G
93	5.484G	94	5.594G	95	5.665G	96	5.669G
97	5.543G	98	5.505G	99	5.542G	100	5.603G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.714G	2	5.560G	3	5.666G	4	5.268G
5	5.562G	6	5.460G	7	5.318G	8	5.446G
9	5.447G	10	5.557G	11	5.486G	12	5.381G
13	5.724G	14	5.688G	15	5.641G	16	5.441G
17	5.707G	18	5.539G	19	5.252G	20	5.695G
21	5.455G	22	5.407G	23	5.389G	24	5.445G
25	5.648G	26	5.363G	27	5.580G	28	5.664G
29	5.527G	30	5.482G	31	5.283G	32	5.618G
33	5.633G	34	5.439G	35	5.273G	36	5.306G
37	5.420G	38	5.414G	39	5.423G	40	5.352G
41	5.308G	42	5.605G	43	5.438G	44	5.490G
45	5.324G	46	5.717G	47	5.301G	48	5.471G
49	5.392G	50	5.454G	51	5.677G	52	5.542G
53	5.503G	54	5.276G	55	5.509G	56	5.477G
57	5.465G	58	5.521G	59	5.496G	60	5.457G
61	5.672G	62	5.341G	63	5.399G	64	5.565G
65	5.5588G	66	5.422G	67	5.332G	68	5.529G
69	5.303G	70	5.343G	71	5.470G	72	5.394G
73	5.534G	74	5.355G	75	5.621G	76	5.449G
77	5.577G	78	5.575G	79	5.530G	80	5.412G
81	5.523G	82	5.267G	83	5.620G	84	5.295G
85	5.298G	86	5.360G	87	5.344G	88	5.322G
89	5.451G	90	5.410G	91	5.397G	92	5.292G
93	5.467G	94	5.375G	95	5.257G	96	5.333G
97	5.630G	98	5.628G	99	5.686G	100	5.566G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.253G	2	5.512G	3	5.586G	4	5.262G
5	5.551G	6	5.254G	7	5.691G	8	5.546G
9	5.398G	10	5.364G	11	5.439G	12	5.476G
13	5.367G	14	5.591G	15	5.705G	16	5.596G
17	5.532G	18	5.431G	19	5.268G	20	5.384G
21	5.275G	22	5.256G	23	5.715G	24	5.669G
25	5.638G	26	5.405G	27	5.397G	28	5.667G
29	5.353G	30	5.348G	31	5.499G	32	5.387G
33	5.410G	34	5.592G	35	5.381G	36	5.576G
37	5.314G	38	5.331G	39	5.321G	40	5.657G
41	5.466G	42	5.639G	43	5.635G	44	5.670G
45	5.290G	46	5.571G	47	5.664G	48	5.465G
49	5.513G	50	5.594G	51	5.484G	52	5.473G
53	5.284G	54	5.518G	55	5.605G	56	5.486G
57	5.603G	58	5.272G	59	5.261G	60	5.523G
61	5.481G	62	5.659G	63	5.492G	64	5.341G
65	5.441G	66	5.444G	67	5.574G	68	5.430G
69	5.274G	70	5.265G	71	5.317G	72	5.565G
73	5.287G	74	5.660G	75	5.291G	76	5.720G
77	5.671G	78	5.389G	79	5.416G	80	5.553G
81	5.628G	82	5.277G	83	5.255G	84	5.316G
85	5.310G	86	5.611G	87	5.324G	88	5.406G
89	5.534G	90	5.707G	91	5.425G	92	5.370G
93	5.545G	94	5.641G	95	5.637G	96	5.650G
97	5.599G	98	5.696G	99	5.700G	100	5.388G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.277G	2	5.350G	3	5.684G	4	5.341G
5	5.462G	6	5.520G	7	5.320G	8	5.386G
9	5.552G	10	5.553G	11	5.456G	12	5.680G
13	5.334G	14	5.536G	15	5.404G	16	5.613G
17	5.638G	18	5.287G	19	5.264G	20	5.308G
21	5.328G	22	5.675G	23	5.469G	24	5.383G
25	5.510G	26	5.437G	27	5.532G	28	5.390G
29	5.676G	30	5.290G	31	5.522G	32	5.623G
33	5.352G	34	5.417G	35	5.502G	36	5.528G
37	5.499G	38	5.299G	39	5.267G	40	5.309G
41	5.445G	42	5.646G	43	5.413G	44	5.710G
45	5.719G	46	5.516G	47	5.648G	48	5.385G
49	5.588G	50	5.568G	51	5.677G	52	5.524G
53	5.407G	54	5.333G	55	5.262G	56	5.673G
57	5.627G	58	5.690G	59	5.329G	60	5.696G
61	5.418G	62	5.708G	63	5.279G	64	5.637G
65	5.643G	66	5.542G	67	5.355G	68	5.274G
69	5.369G	70	5.642G	71	5.450G	72	5.585G
73	5.601G	74	5.343G	75	5.331G	76	5.429G
77	5.461G	78	5.459G	79	5.302G	80	5.492G
81	5.682G	82	5.466G	83	5.505G	84	5.560G
85	5.443G	86	5.265G	87	5.543G	88	5.344G
89	5.322G	90	5.379G	91	5.515G	92	5.490G
93	5.521G	94	5.395G	95	5.436G	96	5.284G
97	5.605G	98	5.316G	99	5.402G	100	5.324G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.703G	2	5.689G	3	5.489G	4	5.314G
5	5.571G	6	5.604G	7	5.619G	8	5.357G
9	5.451G	10	5.596G	11	5.625G	12	5.595G
13	5.598G	14	5.517G	15	5.368G	16	5.429G
17	5.626G	18	5.409G	19	5.347G	20	5.274G
21	5.646G	22	5.404G	23	5.605G	24	5.698G
25	5.513G	26	5.705G	27	5.568G	28	5.589G
29	5.493G	30	5.468G	31	5.301G	32	5.714G
33	5.720G	34	5.283G	35	5.627G	36	5.380G
37	5.471G	38	5.661G	39	5.447G	40	5.505G
41	5.623G	42	5.666G	43	5.260G	44	5.628G
45	5.277G	46	5.652G	47	5.559G	48	5.256G
49	5.572G	50	5.394G	51	5.651G	52	5.570G
53	5.367G	54	5.339G	55	5.681G	56	5.430G
57	5.287G	58	5.511G	59	5.538G	60	5.428G
61	5.612G	62	5.562G	63	5.692G	64	5.694G
65	5.591G	66	5.606G	67	5.665G	68	5.431G
69	5.545G	70	5.656G	71	5.393G	72	5.674G
73	5.521G	74	5.516G	75	5.467G	76	5.518G
77	5.490G	78	5.597G	79	5.532G	80	5.441G
81	5.481G	82	5.696G	83	5.556G	84	5.402G
85	5.264G	86	5.472G	87	5.613G	88	5.350G
89	5.410G	90	5.564G	91	5.648G	92	5.395G
93	5.583G	94	5.638G	95	5.718G	96	5.590G
97	5.453G	98	5.425G	99	5.340G	100	5.502G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.586G	2	5.675G	3	5.652G	4	5.598G
5	5.481G	6	5.449G	7	5.592G	8	5.551G
9	5.661G	10	5.572G	11	5.437G	12	5.633G
13	5.329G	14	5.271G	15	5.665G	16	5.616G
17	5.693G	18	5.385G	19	5.429G	20	5.544G
21	5.421G	22	5.669G	23	5.472G	24	5.305G
25	5.475G	26	5.575G	27	5.660G	28	5.608G
29	5.480G	30	5.269G	31	5.604G	32	5.667G
33	5.291G	34	5.703G	35	5.361G	36	5.252G
37	5.610G	38	5.536G	39	5.464G	40	5.695G
41	5.709G	42	5.432G	43	5.487G	44	5.376G
45	5.650G	46	5.288G	47	5.302G	48	5.628G
49	5.515G	50	5.369G	51	5.327G	52	5.390G
53	5.414G	54	5.718G	55	5.668G	56	5.570G
57	5.345G	58	5.599G	59	5.538G	60	5.301G
61	5.516G	62	5.256G	63	5.319G	64	5.553G
65	5.619G	66	5.505G	67	5.620G	68	5.490G
69	5.326G	70	5.683G	71	5.649G	72	5.488G
73	5.512G	74	5.504G	75	5.615G	76	5.704G
77	5.549G	78	5.678G	79	5.266G	80	5.400G
81	5.470G	82	5.580G	83	5.629G	84	5.711G
85	5.710G	86	5.261G	87	5.547G	88	5.447G
89	5.588G	90	5.280G	91	5.594G	92	5.625G
93	5.529G	94	5.294G	95	5.632G	96	5.562G
97	5.372G	98	5.362G	99	5.561G	100	5.330G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.443G	2	5.623G	3	5.610G	4	5.345G
5	5.410G	6	5.664G	7	5.608G	8	5.586G
9	5.322G	10	5.334G	11	5.372G	12	5.429G
13	5.424G	14	5.592G	15	5.343G	16	5.691G
17	5.709G	18	5.434G	19	5.671G	20	5.521G
21	5.336G	22	5.316G	23	5.430G	24	5.257G
25	5.310G	26	5.601G	27	5.402G	28	5.375G
29	5.527G	30	5.467G	31	5.651G	32	5.480G
33	5.382G	34	5.574G	35	5.272G	36	5.515G
37	5.721G	38	5.529G	39	5.532G	40	5.530G
41	5.401G	42	5.650G	43	5.270G	44	5.306G
45	5.652G	46	5.706G	47	5.278G	48	5.659G
49	5.383G	50	5.676G	51	5.264G	52	5.411G
53	5.581G	54	5.293G	55	5.364G	56	5.488G
57	5.710G	58	5.340G	59	5.665G	60	5.587G
61	5.644G	62	5.577G	63	5.448G	64	5.477G
65	5.347G	66	5.458G	67	5.454G	68	5.433G
69	5.584G	70	5.653G	71	5.269G	72	5.384G
73	5.432G	74	5.407G	75	5.633G	76	5.321G
77	5.667G	78	5.357G	79	5.261G	80	5.279G
81	5.506G	82	5.673G	83	5.638G	84	5.338G
85	5.473G	86	5.550G	87	5.593G	88	5.616G
89	5.318G	90	5.387G	91	5.285G	92	5.677G
93	5.331G	94	5.715G	95	5.534G	96	5.507G
97	5.301G	98	5.445G	99	5.341G	100	5.560G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.272G	2	5.646G	3	5.582G	4	5.307G
5	5.716G	6	5.316G	7	5.649G	8	5.530G
9	5.492G	10	5.694G	11	5.333G	12	5.360G
13	5.334G	14	5.390G	15	5.442G	16	5.600G
17	5.491G	18	5.532G	19	5.510G	20	5.292G
21	5.414G	22	5.535G	23	5.251G	24	5.474G
25	5.597G	26	5.384G	27	5.336G	28	5.271G
29	5.572G	30	5.639G	31	5.264G	32	5.372G
33	5.670G	34	5.455G	35	5.327G	36	5.304G
37	5.699G	38	5.609G	39	5.630G	40	5.681G
41	5.262G	42	5.467G	43	5.493G	44	5.634G
45	5.579G	46	5.435G	47	5.624G	48	5.392G
49	5.527G	50	5.584G	51	5.461G	52	5.548G
53	5.282G	54	5.280G	55	5.487G	56	5.486G
57	5.432G	58	5.590G	59	5.483G	60	5.433G
61	5.388G	62	5.601G	63	5.685G	64	5.667G
65	5.596G	66	5.588G	67	5.406G	68	5.437G
69	5.475G	70	5.397G	71	5.382G	72	5.523G
73	5.399G	74	5.549G	75	5.363G	76	5.504G
77	5.322G	78	5.318G	79	5.444G	80	5.351G
81	5.693G	82	5.443G	83	5.618G	84	5.697G
85	5.285G	86	5.663G	87	5.427G	88	5.476G
89	5.317G	90	5.459G	91	5.383G	92	5.657G
93	5.536G	94	5.551G	95	5.270G	96	5.705G
97	5.300G	98	5.573G	99	5.408G	100	5.500G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.528G	2	5.661G	3	5.616G	4	5.397G
5	5.522G	6	5.309G	7	5.343G	8	5.704G
9	5.611G	10	5.668G	11	5.605G	12	5.716G
13	5.336G	14	5.607G	15	5.571G	16	5.574G
17	5.474G	18	5.654G	19	5.351G	20	5.422G
21	5.353G	22	5.496G	23	5.261G	24	5.307G
25	5.501G	26	5.255G	27	5.293G	28	5.708G
29	5.564G	30	5.273G	31	5.311G	32	5.413G
33	5.304G	34	5.314G	35	5.497G	36	5.283G
37	5.604G	38	5.527G	39	5.320G	40	5.612G
41	5.401G	42	5.258G	43	5.392G	44	5.717G
45	5.699G	46	5.713G	47	5.557G	48	5.298G
49	5.437G	50	5.567G	51	5.504G	52	5.431G
53	5.569G	54	5.625G	55	5.594G	56	5.477G
57	5.262G	58	5.386G	59	5.389G	60	5.434G
61	5.290G	62	5.529G	63	5.610G	64	5.509G
65	5.698G	66	5.455G	67	5.575G	68	5.555G
69	5.467G	70	5.450G	71	5.369G	72	5.551G
73	5.449G	74	5.586G	75	5.414G	76	5.352G
77	5.705G	78	5.639G	79	5.286G	80	5.471G
81	5.646G	82	5.443G	83	5.491G	84	5.697G
85	5.659G	86	5.391G	87	5.652G	88	5.695G
89	5.270G	90	5.656G	91	5.421G	92	5.263G
93	5.251G	94	5.595G	95	5.589G	96	5.448G
97	5.338G	98	5.521G	99	5.285G	100	5.454G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.445G	2	5.709G	3	5.688G	4	5.593G
5	5.259G	6	5.382G	7	5.307G	8	5.377G
9	5.412G	10	5.665G	11	5.703G	12	5.442G
13	5.410G	14	5.698G	15	5.319G	16	5.272G
17	5.580G	18	5.692G	19	5.472G	20	5.551G
21	5.436G	22	5.505G	23	5.537G	24	5.716G
25	5.514G	26	5.435G	27	5.530G	28	5.483G
29	5.386G	30	5.645G	31	5.517G	32	5.325G
33	5.298G	34	5.390G	35	5.500G	36	5.668G
37	5.324G	38	5.403G	39	5.691G	40	5.693G
41	5.666G	42	5.622G	43	5.652G	44	5.696G
45	5.608G	46	5.583G	47	5.411G	48	5.662G
49	5.664G	50	5.600G	51	5.639G	52	5.511G
53	5.279G	54	5.291G	55	5.578G	56	5.369G
57	5.628G	58	5.660G	59	5.702G	60	5.520G
61	5.519G	62	5.284G	63	5.592G	64	5.341G
65	5.405G	66	5.306G	67	5.723G	68	5.458G
69	5.434G	70	5.275G	71	5.313G	72	5.631G
73	5.509G	74	5.455G	75	5.504G	76	5.638G
77	5.348G	78	5.630G	79	5.360G	80	5.603G
81	5.330G	82	5.473G	83	5.384G	84	5.290G
85	5.562G	86	5.569G	87	5.613G	88	5.415G
89	5.584G	90	5.265G	91	5.518G	92	5.358G
93	5.617G	94	5.590G	95	5.463G	96	5.443G
97	5.561G	98	5.669G	99	5.581G	100	5.339G