



# DFS TEST REPORT

**REPORT NO.:** RF120420C08C-1 R1

**MODEL NO.:** WNDR4300

**FCC ID:** PY312100187

**RECEIVED:** Jun. 21, 2012

**TESTED:** Dec. 24, 2012 ~ Apr. 25, 2013

**ISSUED:** Apr. 26, 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

**TEST LOCATION:** 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.

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## Table of Contents

RELEASE CONTROL RECORD.....	3
1. CERTIFICATION .....	4
2. EUT INFORMATION.....	5
2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT .....	5
2.2 EUT SOFTWARE AND FIRMWARE VERSION .....	5
2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT .....	5
2.4 EUT HIGHEST AND LOWEST CONDUCTED POWER .....	6
2.5 EUT HIGHEST AND LOWEST E.I.R.P. POWER.....	7
3. U-NII DFS RULE REQUIREMENTS .....	8
3.1 WORKING MODES AND REQUIRED TEST ITEMS .....	8
3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS .....	9
4. TEST & SUPPORT EQUIPMENT LIST .....	11
4.1 TEST INSTRUMENTS .....	11
4.2 DESCRIPTION OF SUPPORT UNITS .....	11
5. TEST PROCEDURE .....	12
5.1 ADT DFS MEASUREMENT SYSTEM:.....	12
5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL:.....	13
5.3 DEVIATION FROM TEST STANDARD .....	14
5.4 CONDUCTED TEST SETUP CONFIGURATION.....	14
5.4.1 MASTER MODE .....	14
6. TEST RESULTS .....	15
6.1 SUMMARY OF TEST RESULT .....	15
6.2 DETAILED TEST RESULTS .....	16
6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE .....	16
6.2.2 DFS DETECTION THRESHOLD .....	16
6.2.3 U-NII DETECTION BANDWIDTH.....	20
6.2.4 CHANNEL AVAILABILITY CHECK TIME.....	23
6.2.5 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME.....	25
6.2.6 NON-OCCUPANCY PERIOD .....	34
6.2.7 UNIFORM SPREADING.....	37
6.2.8 TRANSMIT POWER CONTROL (TPC).....	37
7. TESTING LABORATORIES INFORMATION .....	38



## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF120420C08C-1	Original release	Mar. 26, 2013
RF120420C08C-1 R1	Re-evaluated conducted power of EUT	Apr. 26, 2013

## 1. CERTIFICATION

**PRODUCT:** N750 Wireless Dual Band Gigabit Router  
**MODEL:** WNDR4300  
**BRAND:** NETGEAR  
**APPLICANT:** NETGEAR, INC.  
**TESTED:** Dec. 24, 2012 ~ Apr. 25, 2013  
**TEST SAMPLE:** ENGINEERING SAMPLE  
**STANDARDS:** **FCC Part 15, Subpart E (Section 15.407)**  
**FCC 06-96**

The above equipment (model: WNDR4300) 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 :** Celine Chou , **DATE :** Apr. 26, 2013  
Celine Chou / Specialist

**APPROVED BY :** Ken Liu , **DATE :** Apr. 26, 2013  
Ken Liu / Senior Manager

## 2. EUT INFORMATION

### 2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

Table 1: Operating frequency bands and mode of EUT.

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

**NOTE:** The EUT has disabled the 5600 ~ 5650 MHz band

### 2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT software/firmware version.

No.	Product	Model No.	Software/Firmware Version
1	N750 Wireless Dual Band Gigabit Router	WNDR4300	V1.0.1.30_dfs_0807

### 2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list.

Ant NO.	Type	Operation Frequency Range(MHz)	Max. Gain(dBi)
1	Printed	5250-5725	2.5
1	Printed	5250-5725	2.5

## 2.4 EUT HIGHEST AND LOWEST 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	20.77	119.512
1	5470~5725	20.67	116.594

### 802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	21.27	133.816
1	5470~5725	20.69	117.208

### 802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	22.33	170.882
1	5470~5725	22.58	181.147

## 2.5 EUT HIGHEST AND LOWEST 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	23.27	212.324
1	5470~5725	23.17	207.491

### 802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	23.77	238.232
1	5470~5725	23.19	208.449

### 802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	24.83	304.089
1	5470~5725	25.08	322.107

### 3. U-NII DFS RULE REQUIREMENTS

#### 3.1 WORKING MODES AND REQUIRED TEST ITEMS

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

**Table 6: Applicability of DFS requirements prior to use a channel**

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

**Table 7: Applicability of DFS requirements during normal operation.**

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

### 3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

#### DETECTION THRESHOLD VALUES

**Table 8: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection.**

Maximum Transmit Power	Value (See Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm

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

**Table 9: DFS Response Requirement Values**

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

**Note 1:** The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows:  
 • For the Short Pulse Radar Test Signals this instant is the end of the Burst.  
 • For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated.  
 • For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform.

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

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

## PARAMETERS OF DFS TEST SIGNALS

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

**Table 10: Short Pulse Radar Test Waveforms.**

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
1	1	1428	18	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

**Table 11: Long Pulse Radar Test Waveform**

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

**Table 12: Frequency Hopping Radar Test Waveform**

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

## 4. TEST & SUPPORT EQUIPMENT LIST

### 4.1 TEST INSTRUMENTS

Table 1: Test instruments list.

DESCRIPTION & MANUFACTURER	MODEL NO.	BRAND	CALIBRATED UNTIL
R&S Spectrum analyzer	FSP40	R&S	2014/01/27
Signal generator	8645A	Agilent	2013/06/10
Oscilloscope	TDS 5104	Tektronix	2014/03/07
Control PC	Pavilion a320d	HP	--

### 4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

No.	Product	Brand	Model No.	FCC ID
1	Wireless-N USB Adapter	BUFFALO	WLI-UC-AG300N	FDI-09102079-0

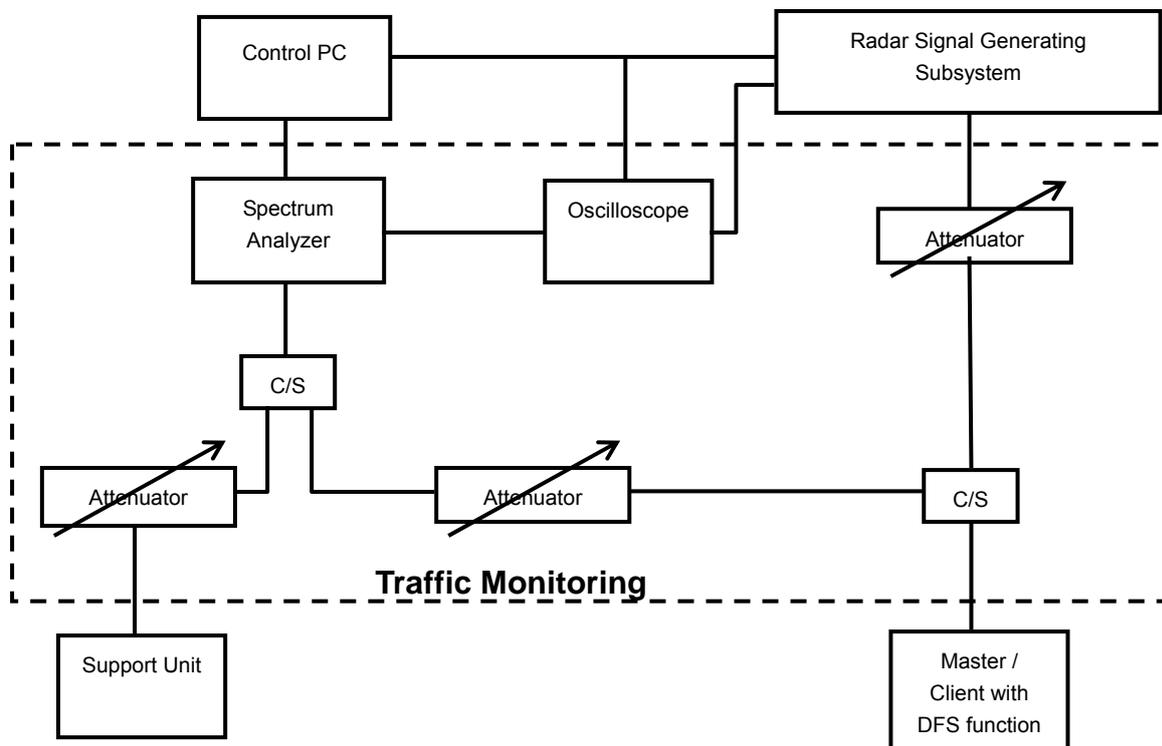
**Note:** This device was functioned as a Master Slave device during the DFS test.

## 5. TEST PROCEDURE

### 5.1 ADT DFS MEASUREMENT SYSTEM:

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

#### Conducted setup configuration of ADT DFS Measurement System



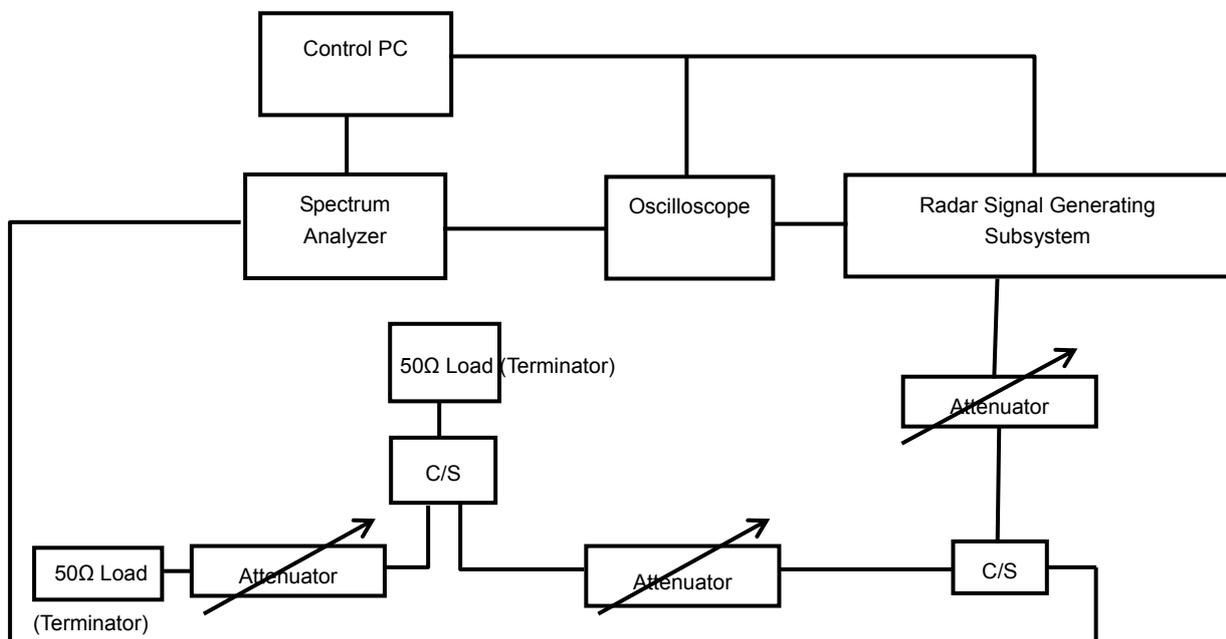
The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6  $\frac{1}{2}$  Magic Hours) from Master device, the designated MPEG test file and instructions are located at:

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

## 5.2 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 2.5 dBi , and required detection threshold is -61.5 dBm.

### Conducted setup configuration of Calibration of DFS Detection Threshold Level

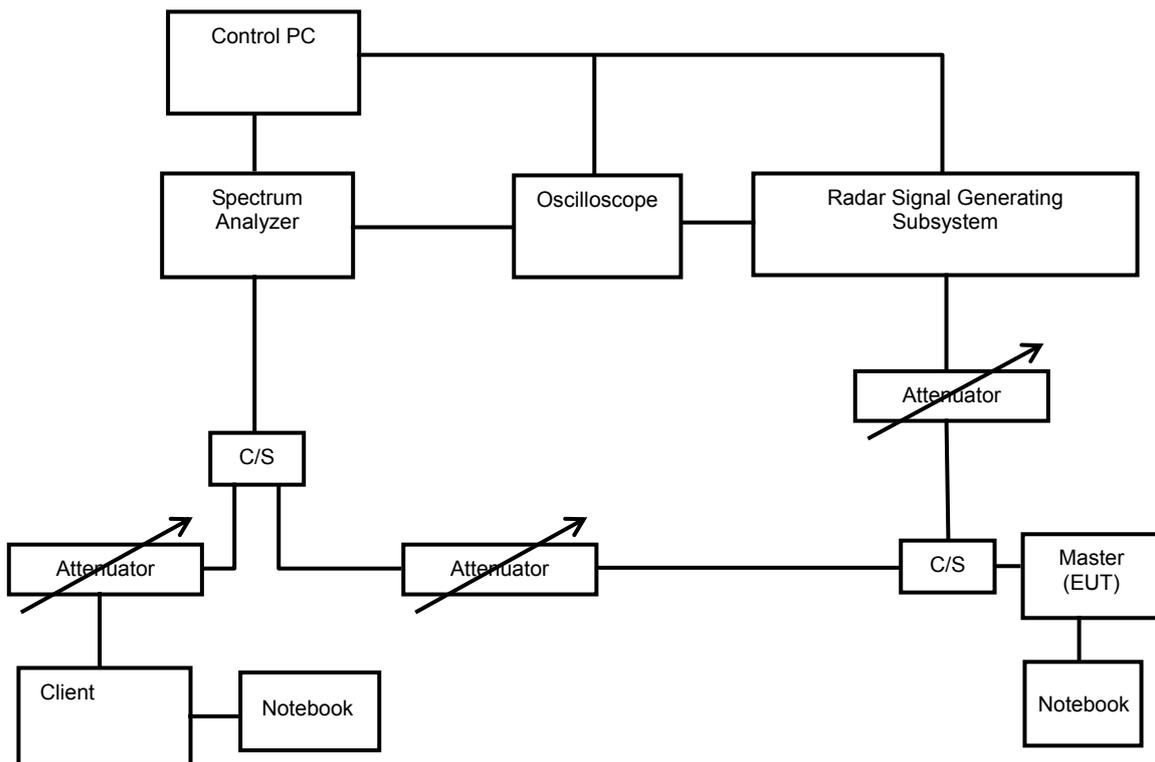


### 5.3 DEVIATION FROM TEST STANDARD

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 RESULT

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Applicable	Pass
15.407	U-NII Detection Bandwidth	Applicable	Pass
15.407	Channel Availability Check Time	Applicable	Pass
15.407	Channel Move Time	Applicable	Pass
15.407	Channel Closing Transmission Time	Applicable	Pass
15.407	Non- Occupancy Period	Applicable	Pass
15.407	Uniform Spreading	Applicable	Pass

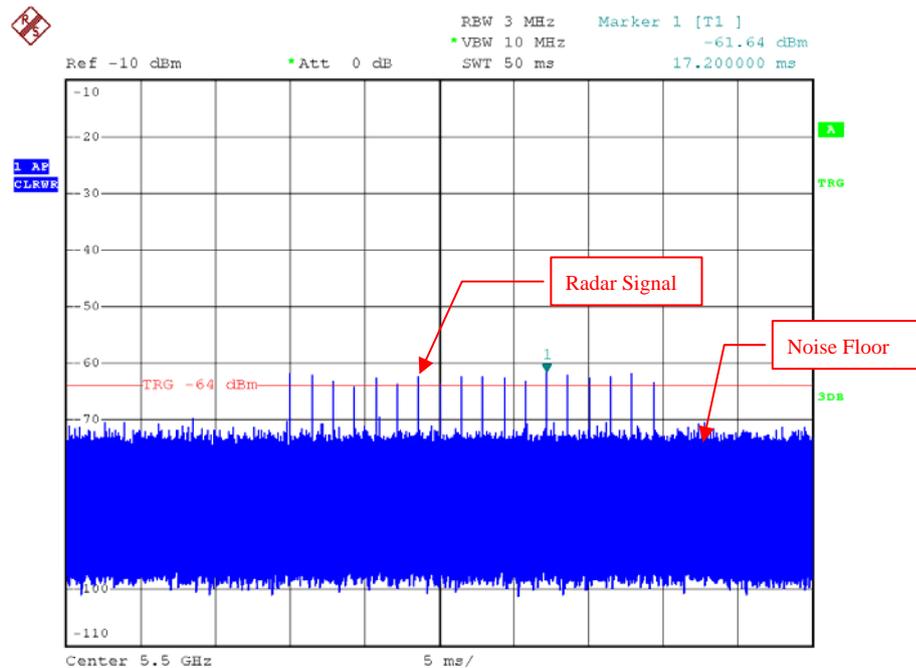
## 6.2 DETAILED TEST RESULTS

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

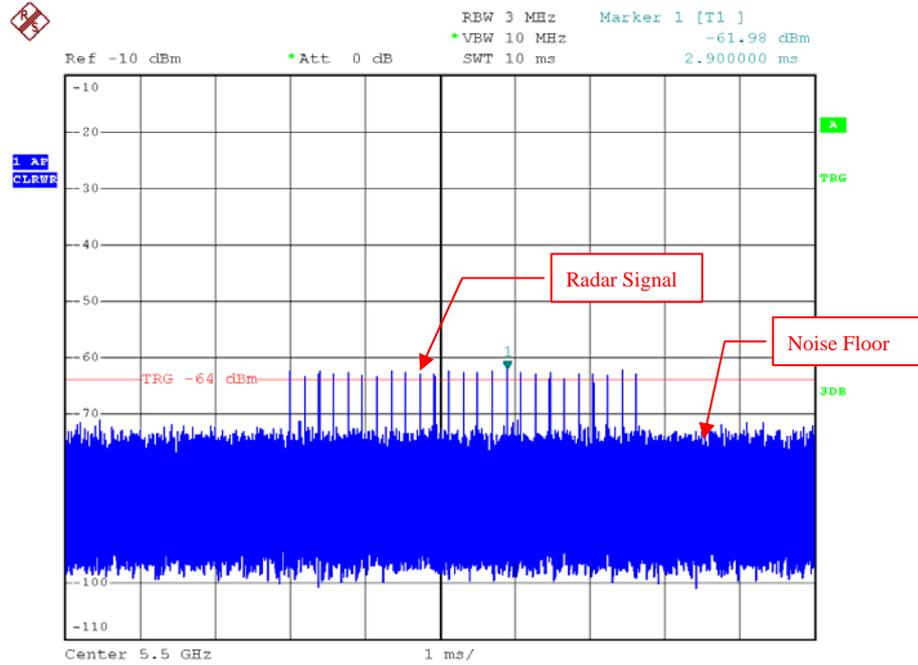
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

### 6.2.2 DFS DETECTION THRESHOLD

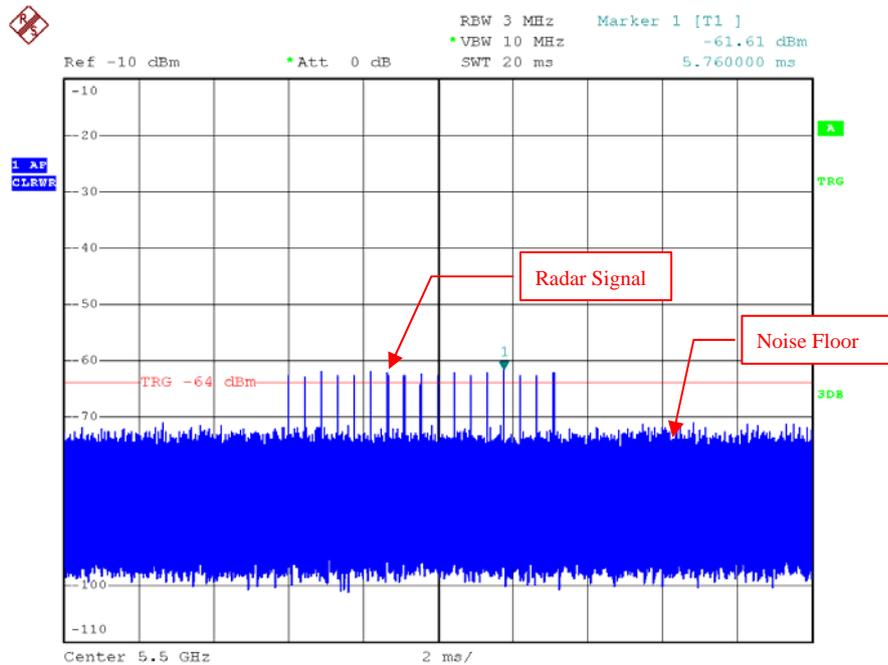
For a detection threshold level of  $-64\text{dBm}$  and the Master minimum antenna gain is  $2.5\text{ dBi}$ , and required detection threshold is  $-61.5\text{ dBm}$  ( $= -64 + 2.5$ ). The conducted radar burst level is set to  $-61.5\text{ dBm}$ .



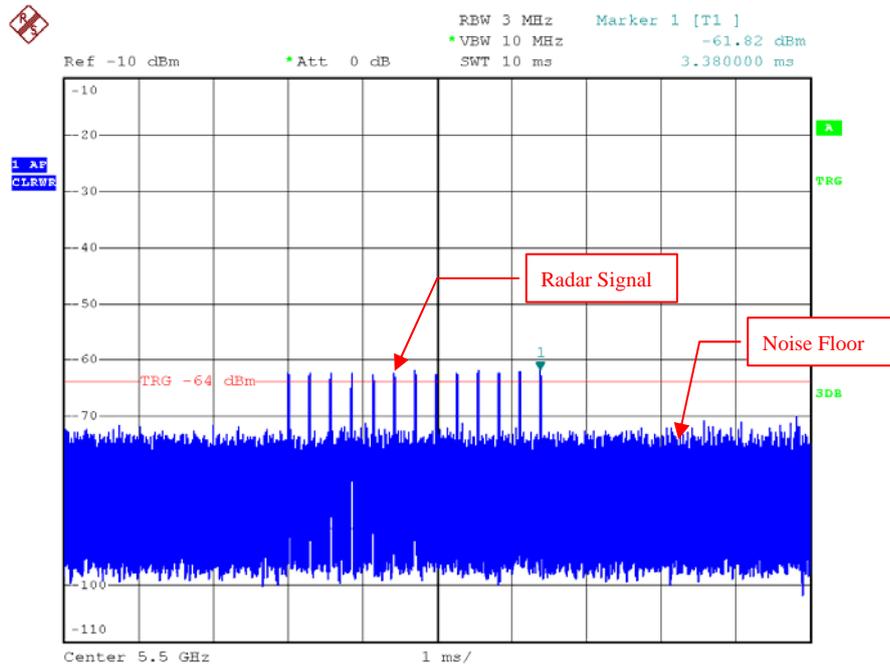
Radar Signal 1



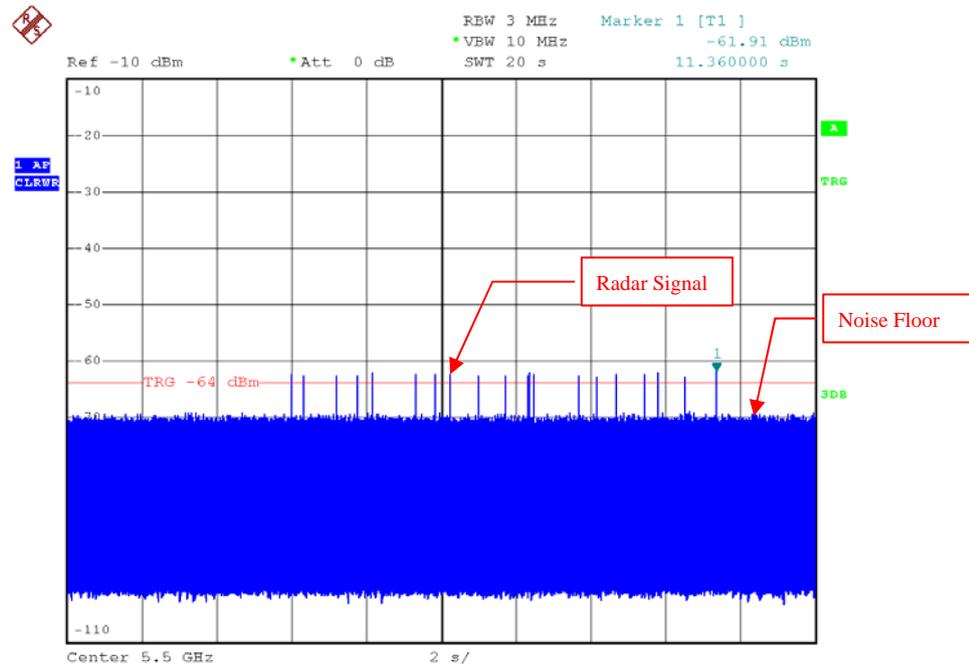
Radar Signal 2



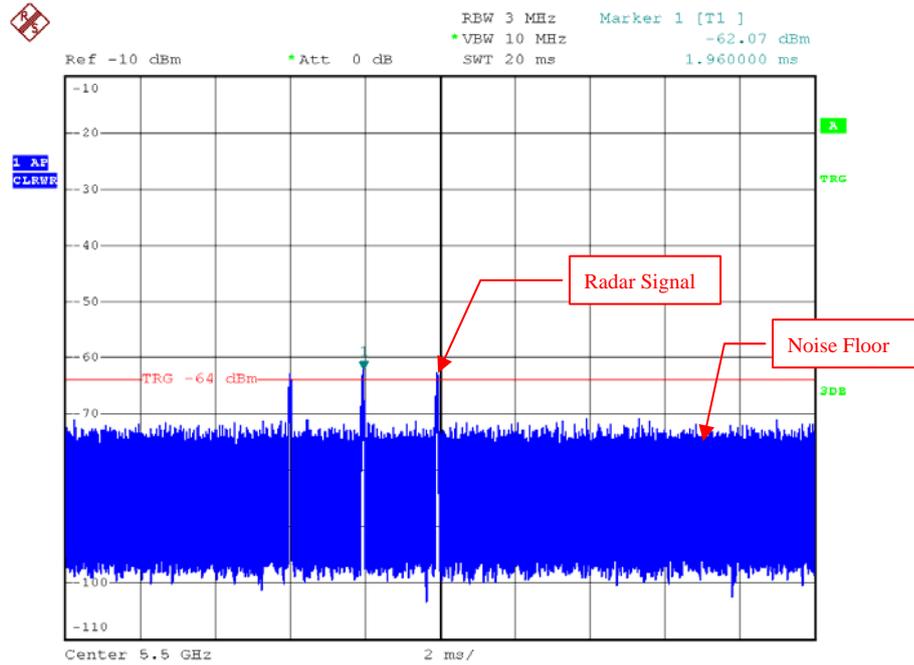
Radar Signal 3



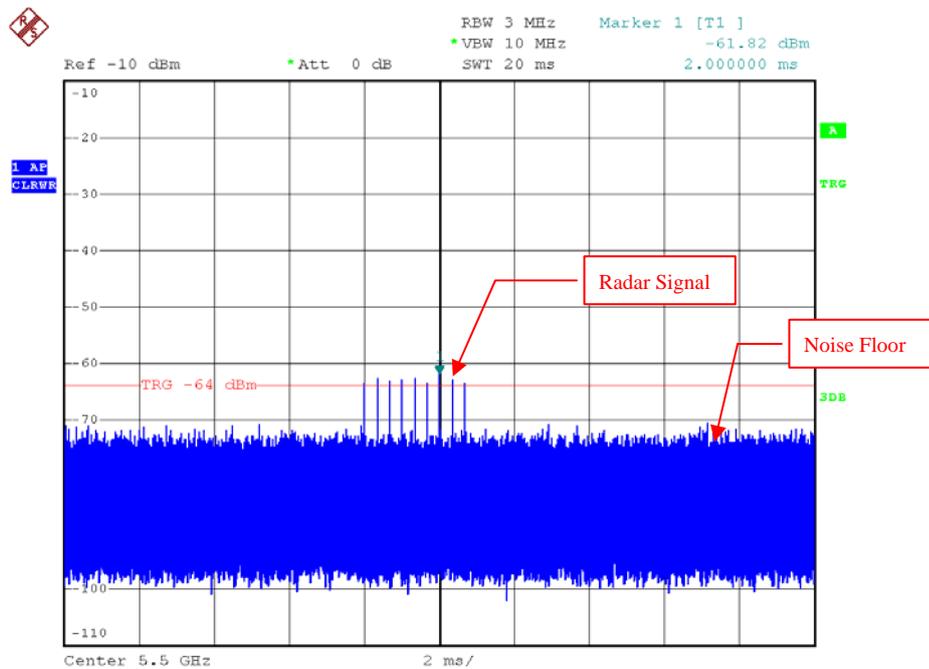
Radar Signal 4



Radar Signal 5



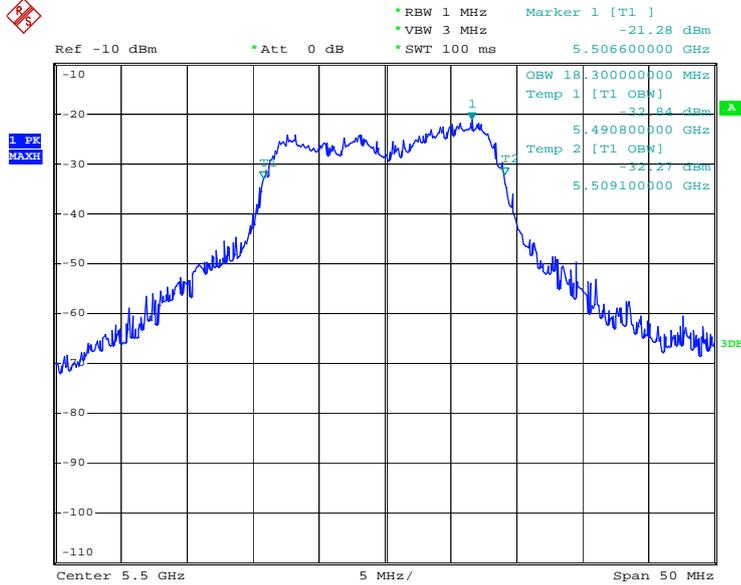
Single Burst of Radar Signal 5



Radar Signal 6

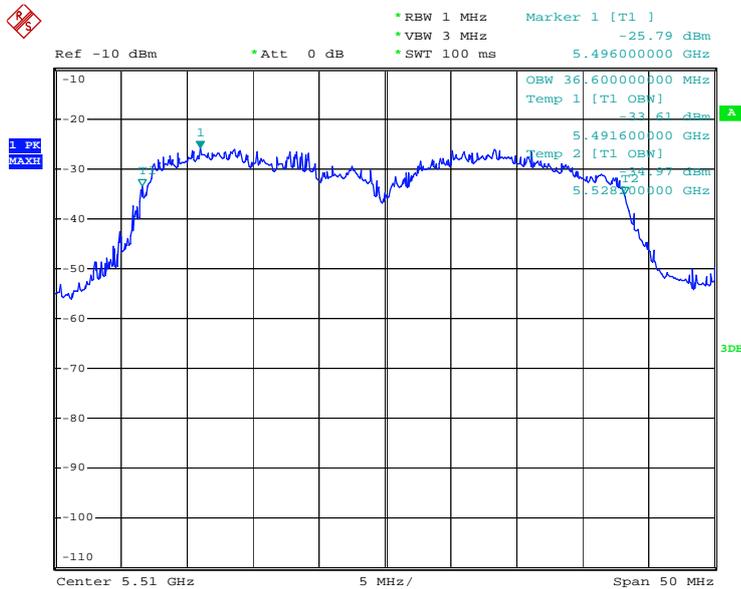
### 6.2.3 U-NII DETECTION BANDWIDTH

#### IEEE 802.11n 20MHz



U-NII 99% Channel bandwidth

#### IEEE 802.11n 40MHz



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11n 20MHz  
 EUT Frequency: 5500MHz  
 EUT 99% Power bandwidth: 18.3MHz  
 Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.64MHz  
 Detection bandwidth (5510(FH) – 5490(FL)) : 20 MHz  
 Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	Y	Y	Y	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(FL)	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: 36.6MHz

Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.28MHz

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

Test Result : PASS

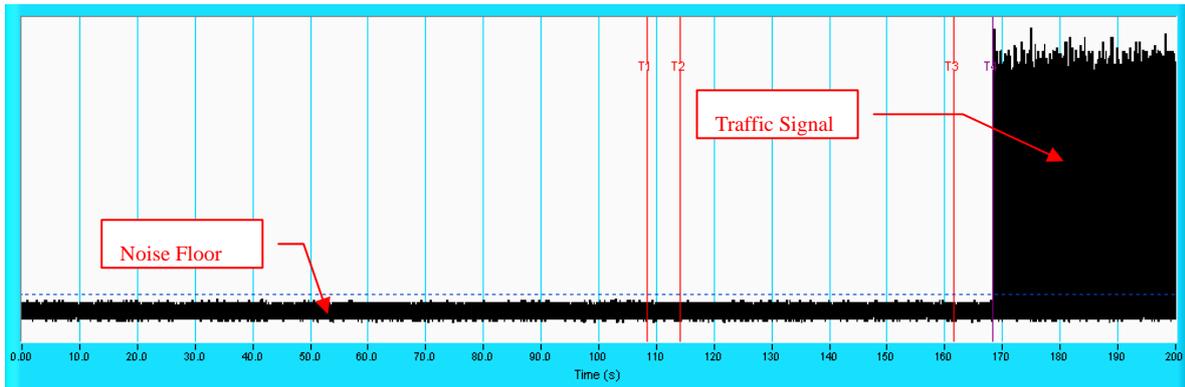
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	N	N	N	N	N	N	N	N	N	N	0
5490(FL)	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	90
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
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

## 6.2.4 CHANNEL AVAILABILITY CHECK TIME

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

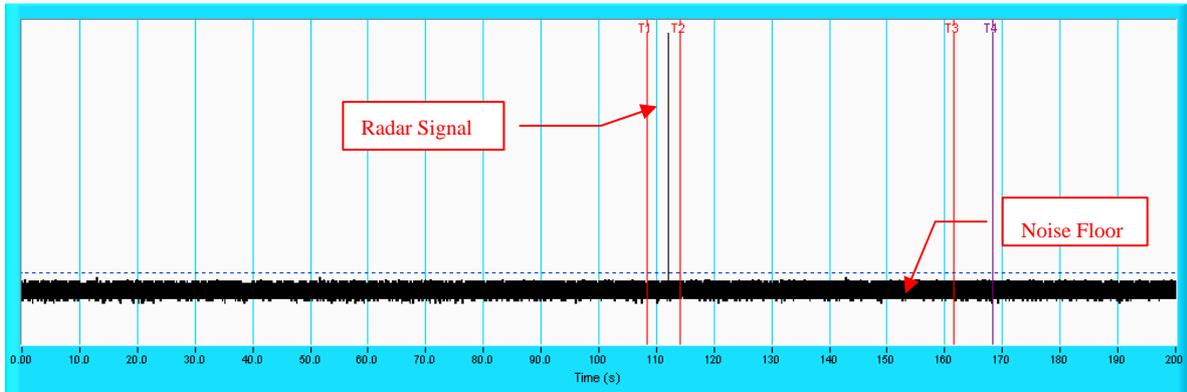
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

### Initial Channel Availability Check Time



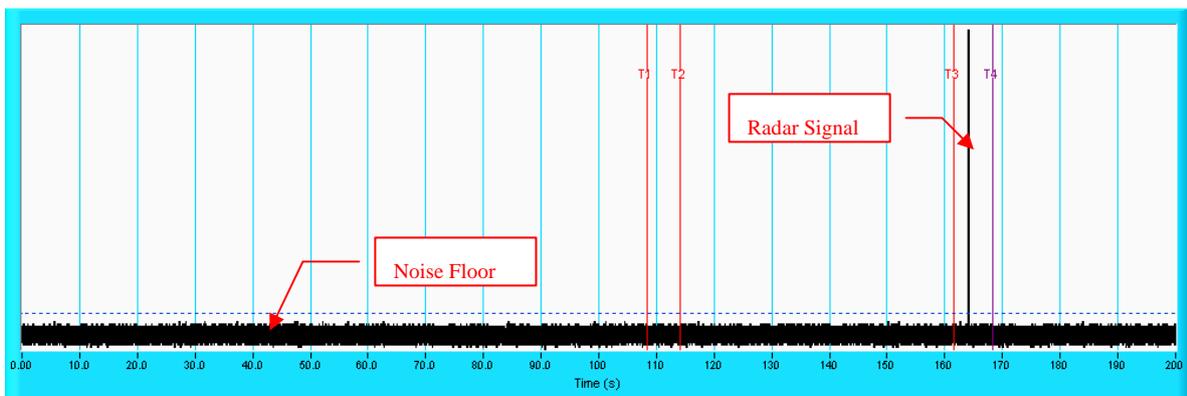
**NOTE:** T1 denotes the end of power-up time period is 108 second. T4 denotes the end of Channel Availability Check time is 168 second. Channel Availability Check time is equal to  $(T4 - T1)$  60 seconds.

### Radar Burst at the Beginning of the Channel Availability Check Time



**NOTE:** T1 denotes the end of power up time period is 108 second. T2 denotes 114 second , the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 168 second.

### Radar Burst at the End of the Channel Availability Check Time

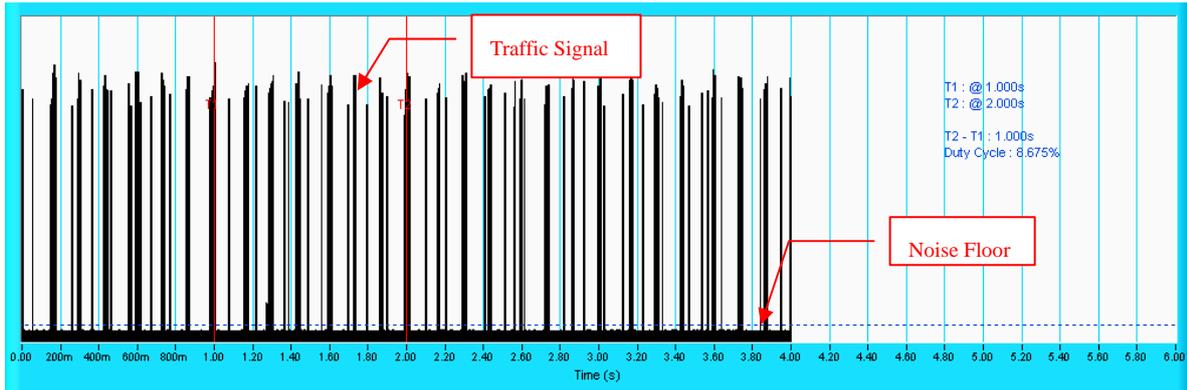


**NOTE:** T1 denotes the end of power up time period is 108 second. T3 denotes 162 second and radar burst was commenced within 54<sup>th</sup> second to 60<sup>th</sup> second window starting from the end of power-up sequence. T4 denotes the 168 second.

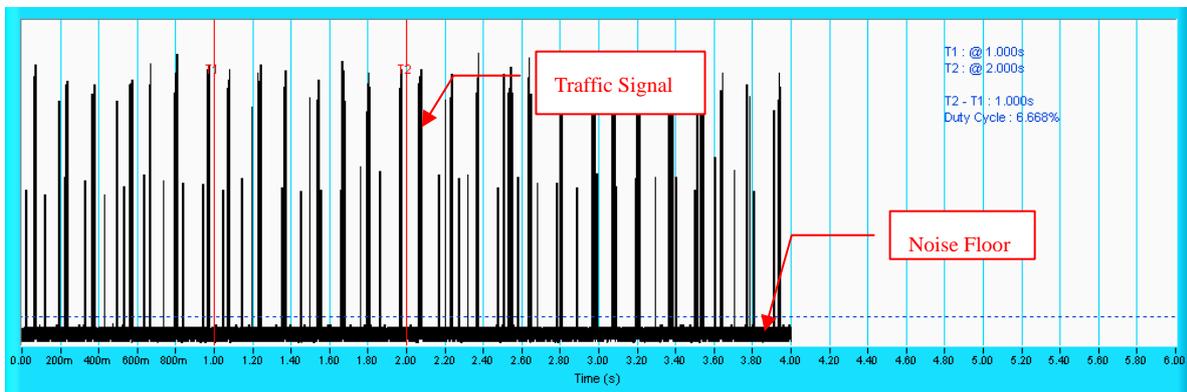
## 6.2.5 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

### Wireless Traffic Loading

#### IEEE 802.11n 20MHz



#### IEEE 802.11n 40MHz



## IEEE 802.11n 20MHz

**Table 1: Short Pulse Radar Test Waveforms.**

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	83.3
2	1-5	150-230	23-29	30	83.3
3	6-10	200-500	16-18	30	86.7
4	11-20	200-500	12-16	30	83.3
Aggregate (Radar Types 1-4)				120	84.15

**Table 2: Long Pulse Radar Test Waveform**

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

**Table 3: Frequency Hopping Radar Test Waveform**

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	86.7

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

## IEEE 802.11n 40MHz

**Table 1: Short Pulse Radar Test Waveforms.**

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	83.3
2	1-5	150-230	23-29	30	80
3	6-10	200-500	16-18	30	80
4	11-20	200-500	12-16	30	80
Aggregate (Radar Types 1-4)				120	80.83

**Table 2: Long Pulse Radar Test Waveform**

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

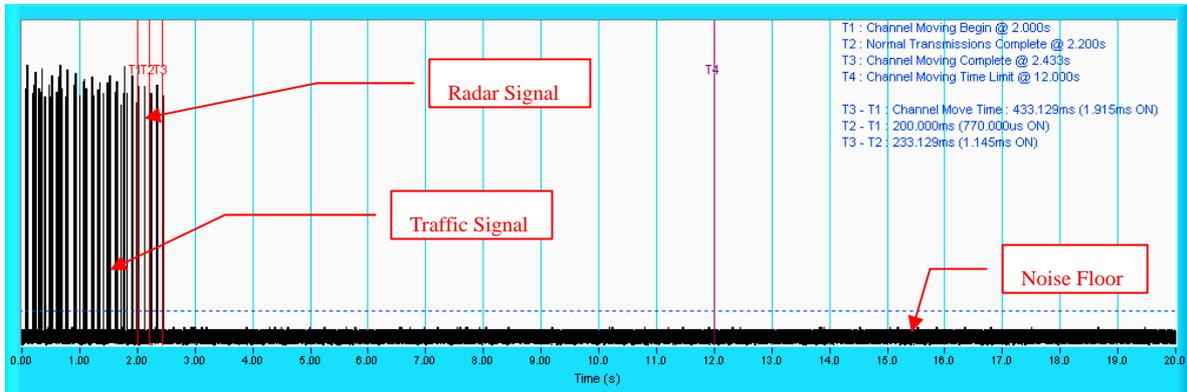
**Table 3: Frequency Hopping Radar Test Waveform**

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	83.3

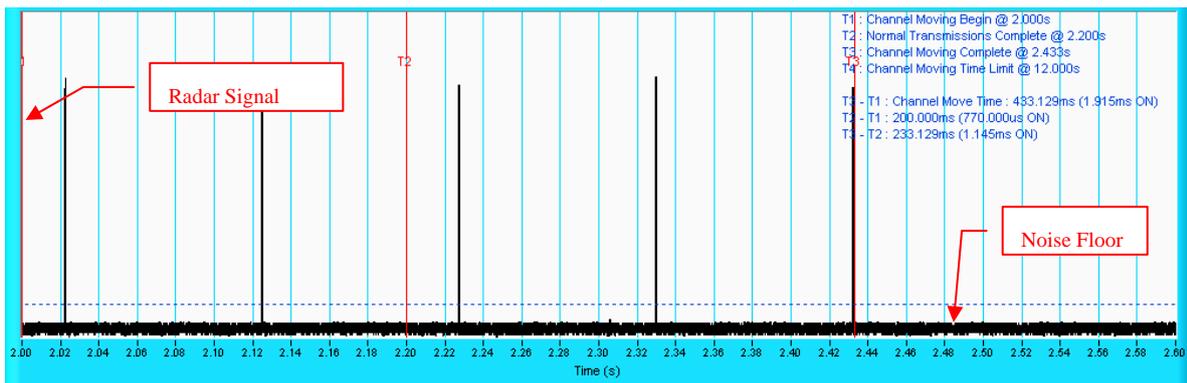
The Detailed Radar pattern and Statistical Performance showed in Annex A.

## Radar signal 1

IEEE 802.11n 20MHz



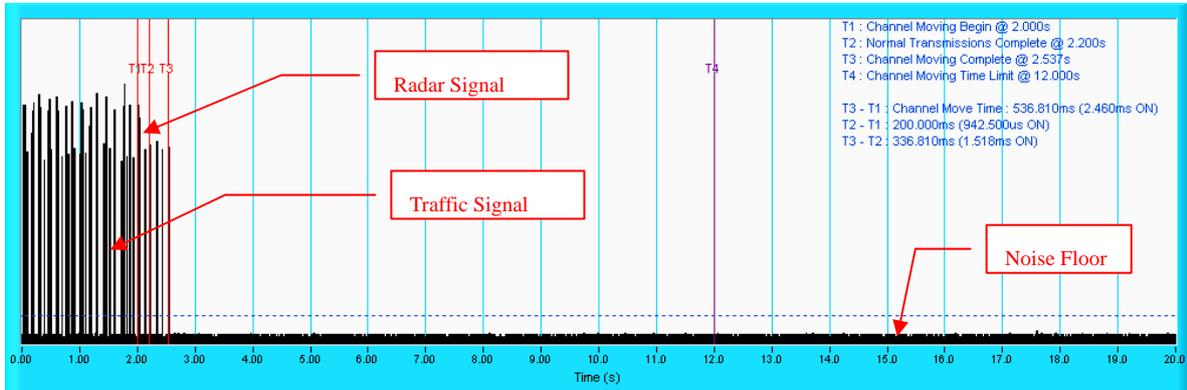
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



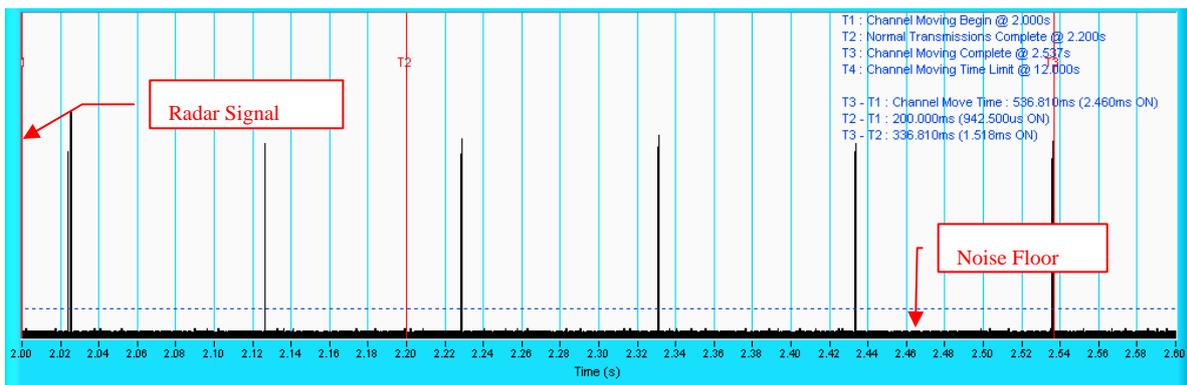
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 2

IEEE 802.11n 20MHz



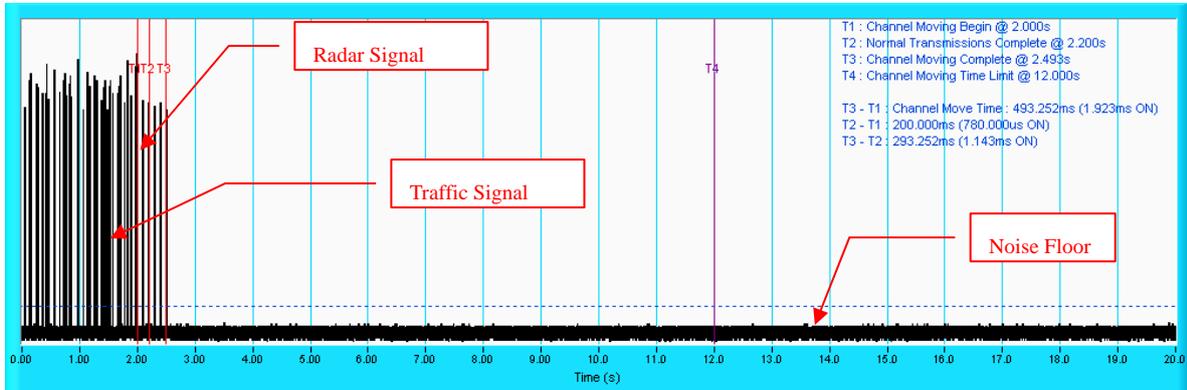
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



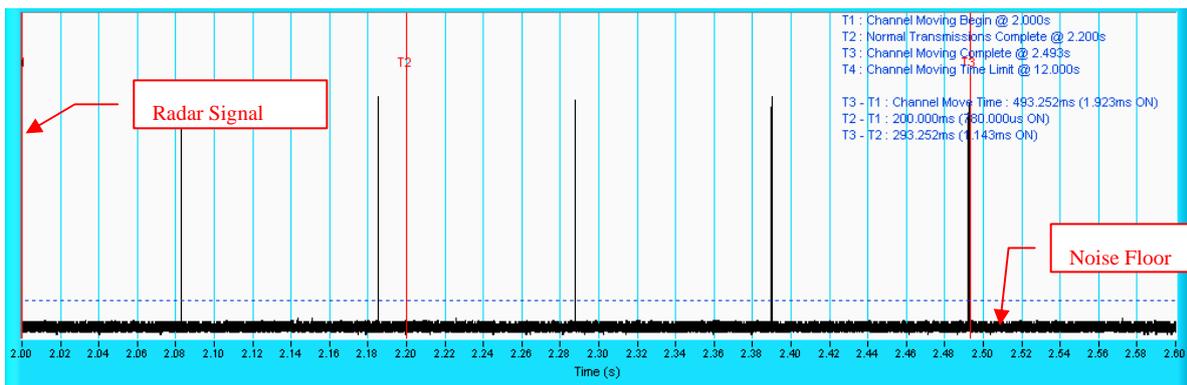
**NOTE:** Room-in of the first 600ms after radar signal applied.

### Radar signal 3

IEEE 802.11n 20MHz



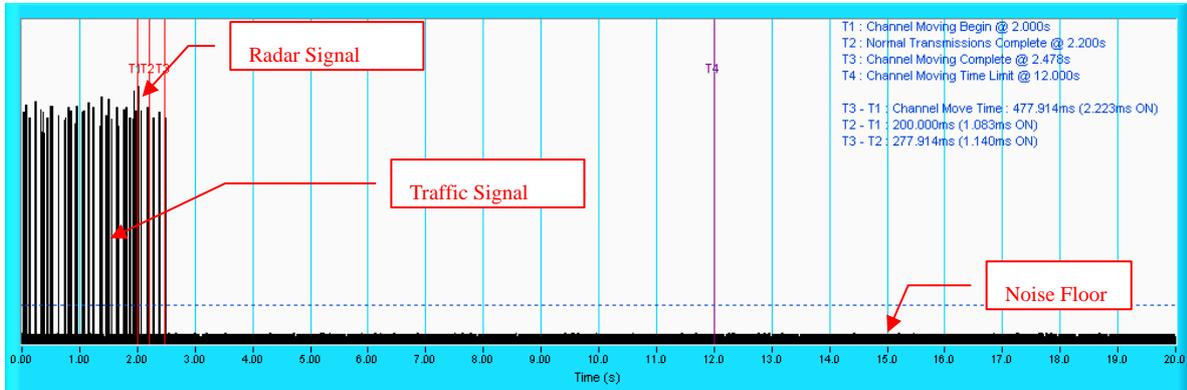
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



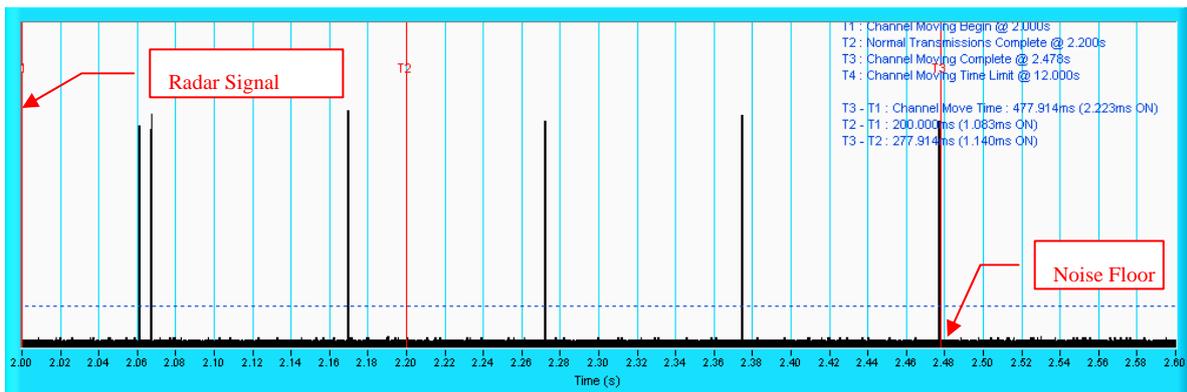
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 4

IEEE 802.11n 20MHz



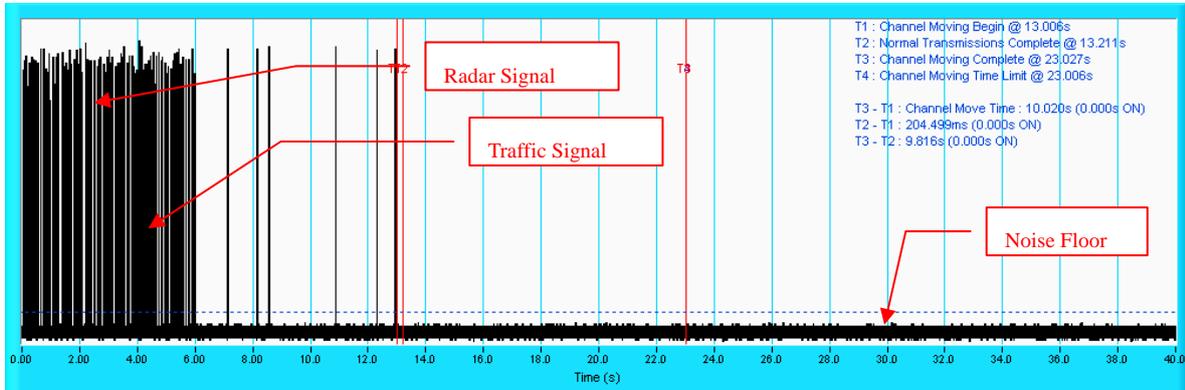
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



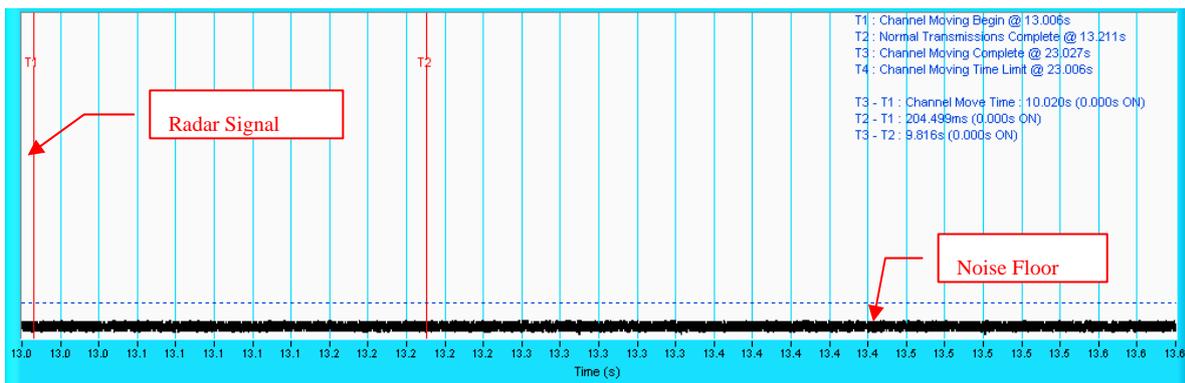
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 5

IEEE 802.11n 20MHz



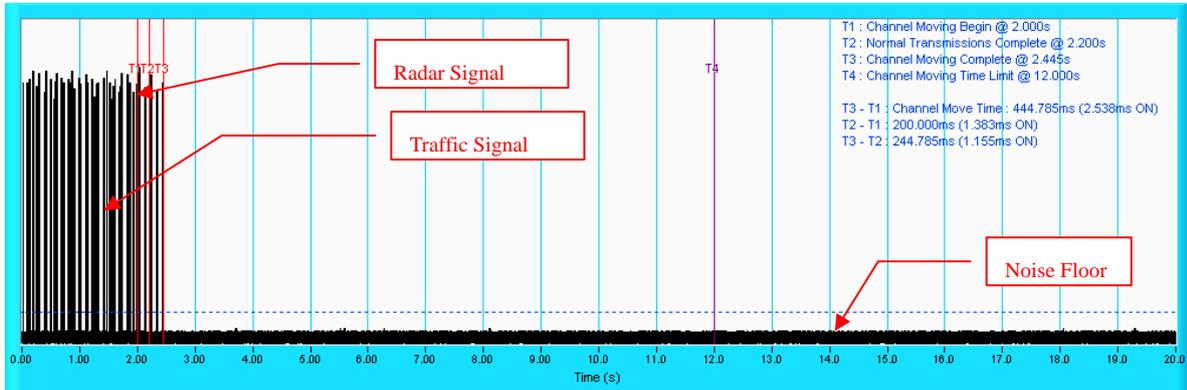
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



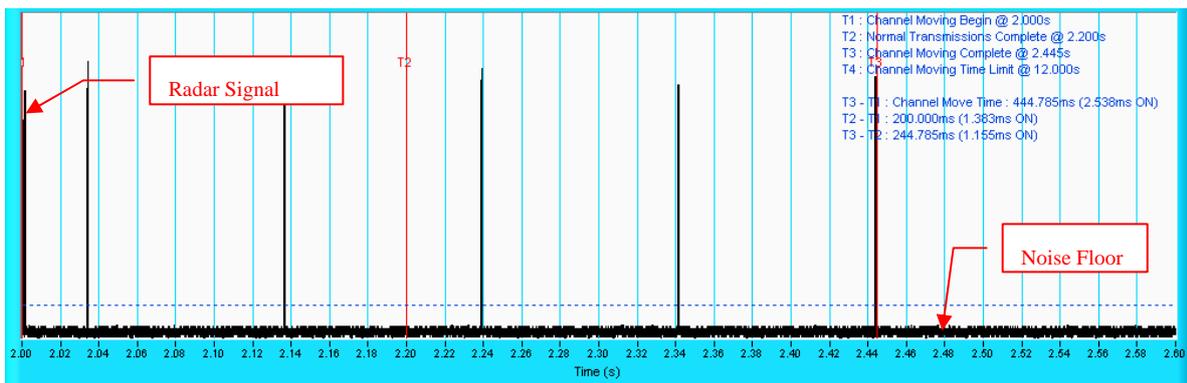
**NOTE:** Room-in of the first 600ms after radar signal applied.

## 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 600ms after radar signal applied.

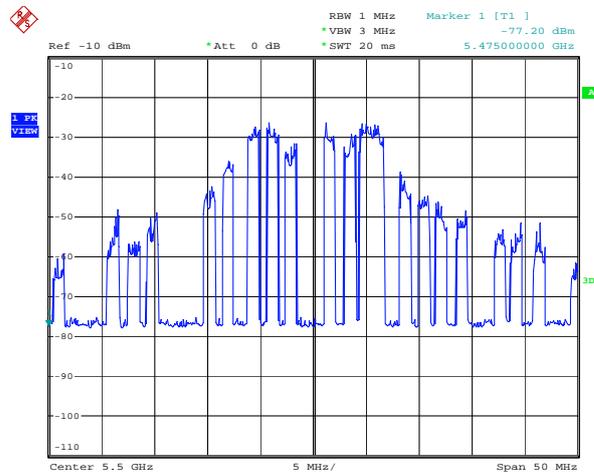
## 6.2.6 NON-OCCUPANCY PERIOD

### Associate test:

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

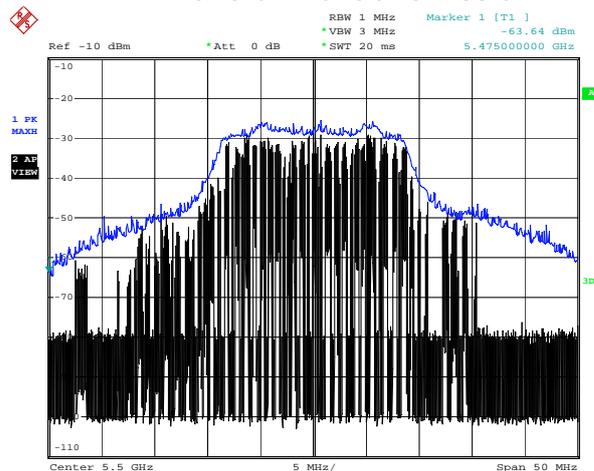
1) EUT (Client) links with master on 5500MHz.

Waveform of EUT links up with Master



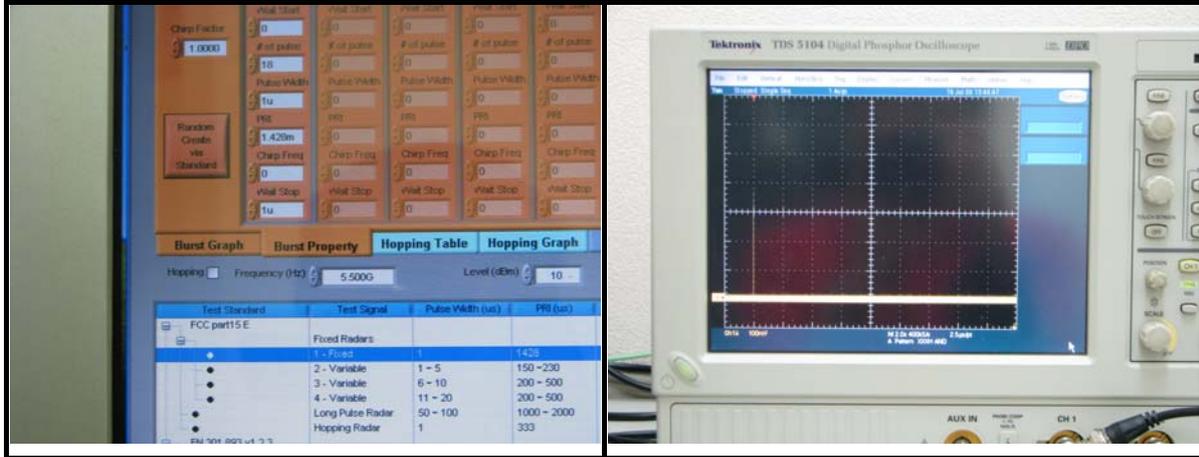
2) Client plays specified files via master.

Waveform of transmission



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

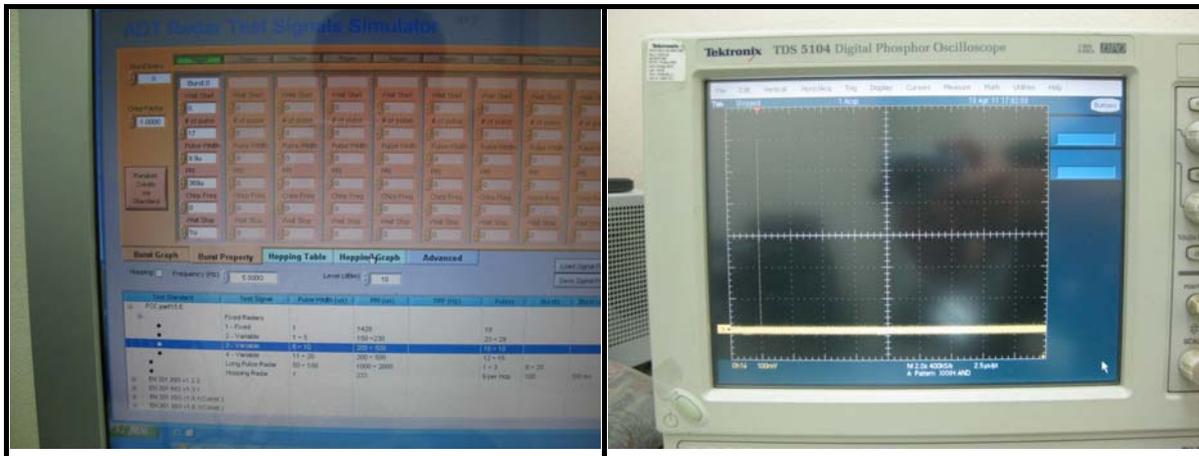
### Radar 1



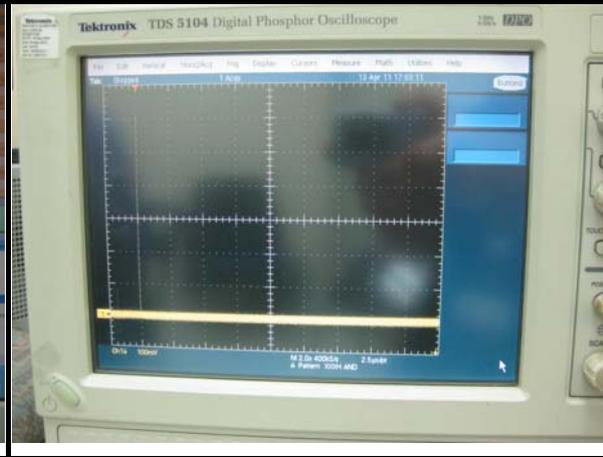
### Radar 2



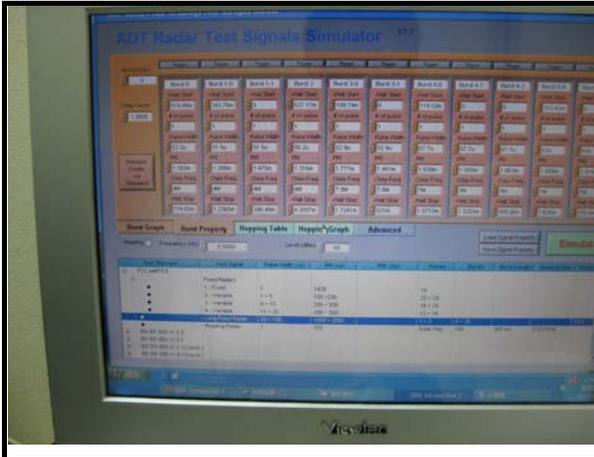
### Radar 3



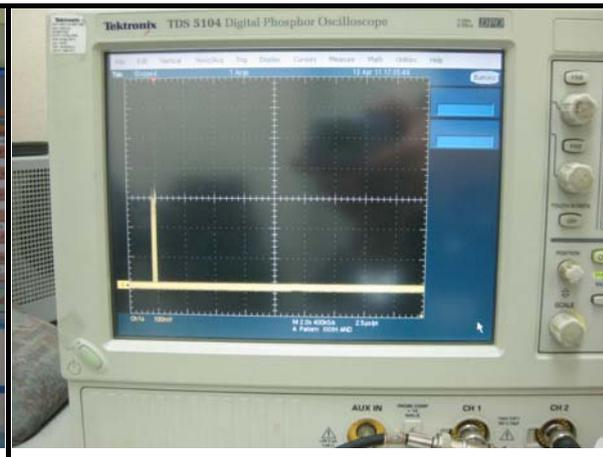
### Radar 4



### Radar 5



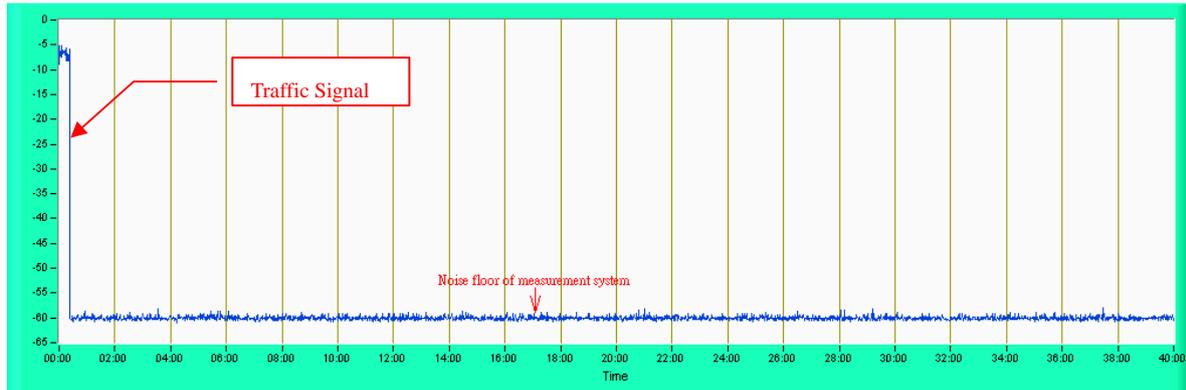
### Radar 6



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

Plot of 30minutes period

802.11n 20M



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

## 6.2.7 UNIFORM SPREADING

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

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

## 6.2.8 TRANSMIT POWER CONTROL (TPC)

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

## 7. TESTING LABORATORIES INFORMATION

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

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

**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

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Fax: 886-3-3270892

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**Web Site:** [www.bureauveritas-adt.com](http://www.bureauveritas-adt.com)

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

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## Annex-A

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

#### IEEE 802.11N 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	No
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	No
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	No
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	No
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	No
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 83.3 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	3.4u	208.0u	Yes
2	27	3.1u	163.0u	Yes
3	28	4.6u	215.0u	Yes
4	28	4.4u	191.0u	Yes
5	24	1.9u	170.0u	Yes
6	27	2.5u	205.0u	Yes
7	28	2.9u	186.0u	No
8	27	4.7u	207.0u	Yes
9	26	2.0u	183.0u	Yes
10	27	4.1u	226.0u	Yes
11	28	2.2u	223.0u	Yes
12	27	3.6u	221.0u	Yes
13	29	3.8u	154.0u	No
14	23	1.1u	195.0u	Yes
15	25	2.4u	229.0u	Yes
16	24	1.8u	151.0u	Yes
17	24	1.1u	229.0u	Yes
18	23	3.3u	188.0u	Yes
19	23	3.2u	186.0u	No
20	29	4.8u	192.0u	Yes
21	24	3.6u	162.0u	Yes
22	27	3.2u	181.0u	Yes
23	25	4.0u	152.0u	Yes
24	24	1.3u	169.0u	Yes
25	23	5.0u	221.0u	Yes
26	25	4.3u	161.0u	No
27	28	4.8u	160.0u	Yes
28	25	1.3u	168.0u	No
29	28	3.5u	201.0u	Yes
30	26	2.2u	167.0u	Yes
			Detection Rate: 83.3 %	

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	7.6u	205.0u	Yes
2	16	7.6u	304.0u	Yes
3	18	8.4u	442.0u	Yes
4	17	8.4u	484.0u	No
5	16	9.5u	493.0u	Yes
6	18	6.5u	300.0u	Yes
7	18	6.4u	482.0u	Yes
8	16	9.2u	206.0u	Yes
9	17	6.2u	251.0u	Yes
10	17	9.0u	414.0u	No
11	17	7.9u	250.0u	Yes
12	17	8.9u	272.0u	Yes
13	17	6.8u	428.0u	Yes
14	17	6.4u	236.0u	Yes
15	17	8.9u	212.0u	No
16	17	8.7u	232.0u	Yes
17	17	7.6u	359.0u	Yes
18	17	6.6u	427.0u	Yes
19	17	9.6u	386.0u	Yes
20	18	8.8u	304.0u	Yes
21	17	6.3u	324.0u	Yes
22	17	6.6u	305.0u	Yes
23	17	6.0u	226.0u	Yes
24	17	7.2u	304.0u	Yes
25	17	8.4u	238.0u	Yes
26	16	7.8u	477.0u	Yes
27	17	6.6u	419.0u	Yes
28	17	9.1u	485.0u	No
29	17	7.1u	309.0u	Yes
30	17	8.1u	450.0u	Yes
			Detection Rate: 86.7 %	

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	14.1u	278.0u	Yes
2	15	16.7u	428.0u	Yes
3	15	17.3u	319.0u	Yes
4	15	14.7u	416.0u	Yes
5	16	15.0u	382.0u	No
6	15	18.0u	204.0u	Yes
7	15	18.9u	214.0u	Yes
8	15	18.3u	352.0u	Yes
9	15	14.3u	260.0u	Yes
10	13	15.4u	216.0u	No
11	14	19.8u	295.0u	Yes
12	14	19.2u	235.0u	Yes
13	14	12.1u	353.0u	Yes
14	15	18.8u	301.0u	Yes
15	15	15.6u	286.0u	No
16	14	15.1u	305.0u	Yes
17	15	15.1u	297.0u	Yes
18	13	13.8u	469.0u	Yes
19	16	13.4u	364.0u	Yes
20	15	13.4u	277.0u	Yes
21	13	12.8u	377.0u	No
22	14	19.9u	346.0u	Yes
23	16	15.2u	438.0u	Yes
24	14	11.2u	261.0u	Yes
25	14	14.0u	454.0u	Yes
26	16	19.6u	330.0u	No
27	12	15.0u	251.0u	Yes
28	16	12.1u	355.0u	Yes
29	13	11.7u	273.0u	Yes
30	12	13.1u	469.0u	Yes
			Detection Rate: 83.3 %	

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	No
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	No
18	LP_Signal_18	No
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	No
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	No
30	LP_Signal_30	Yes
		Detection Rate: 83.3 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	50.7u	1.705m	1.182m	656.4m
2	1	19M	91.5u	-	-	349.0m
3	3	16M	93.9u	1.360m	1.578m	247.0m
4	2	8M	93.1u	1.203m	-	538.0m
5	1	19M	90.0u	-	-	386.0m
6	1	18M	74.4u	-	-	339.9m
7	1	16M	76.9u	-	-	304.5m
8	2	20M	58.6u	1.632m	-	504.5m
9	2	9M	93.6u	1.207m	-	615.1m
10	2	7M	77.9u	1.535m	-	341.3m
11	2	11M	60.0u	1.054m	-	359.5m
12	2	8M	61.0u	1.815m	-	421.3m
13	3	17M	52.6u	971.4u	1.398m	126.0m
14	3	6M	82.7u	1.293m	1.435m	334.5m
15	2	20M	73.4u	1.911m	-	154.7m
16	3	15M	97.4u	982.6u	1.455m	318.0m
17	2	7M	64.2u	1.769m	-	360.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	55.0u	1.192m	-	475.4m
2	2	17M	73.3u	1.845m	-	169.0m
3	2	7M	68.5u	1.066m	-	47.06m
4	1	11M	60.6u	-	-	543.4m
5	1	16M	77.0u	-	-	537.4m
6	1	19M	84.1u	-	-	178.5m
7	2	19M	93.2u	1.356m	-	318.6m
8	2	5M	93.3u	1.446m	-	179.6m
9	2	18M	62.4u	1.578m	-	514.5m
10	3	6M	100.0u	1.207m	1.119m	300.5m
11	3	11M	60.9u	1.171m	1.431m	383.7m
12	2	14M	63.7u	1.298m	-	27.27m
13	2	17M	67.6u	1.846m	-	112.8m
14	2	16M	50.6u	1.757m	-	666.3m
15	1	8M	81.3u	-	-	161.6m
16	2	10M	64.6u	1.438m	-	99.17m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	86.1u	1.809m	-	571.9m
2	2	11M	68.9u	1.839m	-	59.47m
3	1	7M	72.2u	-	-	395.3m
4	2	9M	83.8u	1.178m	-	824.6m
5	1	17M	69.0u	-	-	826.6m
6	2	8M	92.5u	925.5u	-	609.1m
7	3	11M	50.3u	1.538m	1.610m	414.6m
8	1	19M	91.2u	-	-	485.9m
9	2	11M	93.0u	1.197m	-	355.9m
10	1	5M	91.6u	-	-	102.7m
11	2	19M	55.8u	1.832m	-	686.3m
12	2	11M	82.1u	1.095m	-	863.9m
13	1	12M	88.3u	-	-	205.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	70.8u	1.086m	-	789.2m
2	2	19M	92.9u	1.437m	-	592.2m
3	2	18M	91.0u	1.821m	-	450.2m
4	3	13M	57.1u	1.490m	1.865m	78.50m
5	3	8M	81.9u	1.580m	1.497m	713.4m
6	2	10M	79.3u	1.435m	-	234.5m
7	1	14M	55.4u	-	-	45.58m
8	2	16M	82.1u	1.014m	-	577.9m
9	2	6M	98.8u	1.620m	-	280.5m
10	2	17M	86.1u	1.737m	-	186.4m
11	2	8M	60.2u	1.134m	-	772.5m
12	3	7M	87.8u	1.114m	1.070m	441.3m
13	2	20M	71.7u	1.150m	-	183.4m
14	1	6M	68.1u	-	-	455.0m
15	2	16M	77.5u	1.137m	-	615.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	62.2u	1.613m	1.509m	97.40m
2	2	10M	96.6u	1.051m	-	461.9m
3	3	15M	67.8u	1.131m	944.2u	185.4m
4	1	6M	76.8u	-	-	682.3m
5	3	9M	72.4u	1.336m	1.578m	560.0m
6	1	19M	93.8u	-	-	470.4m
7	3	19M	71.8u	1.812m	1.063m	431.6m
8	1	13M	53.2u	-	-	340.5m
9	1	19M	56.3u	-	-	797.2m
10	3	6M	52.1u	1.008m	1.760m	520.7m
11	2	19M	82.8u	1.694m	-	810.4m
12	3	10M	81.0u	1.861m	973.0u	633.9m
13	2	8M	59.3u	1.433m	-	355.0m
14	1	10M	62.3u	-	-	452.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	11M	52.4u	1.787m	-	226.6m
2	1	10M	67.5u	-	-	971.4m
3	3	8M	92.2u	1.039m	1.069m	918.7m
4	1	11M	77.0u	-	-	831.3m
5	1	9M	67.9u	-	-	777.5m
6	3	9M	80.9u	1.799m	1.561m	273.5m
7	2	16M	58.3u	991.7u	-	550.8m
8	2	17M	80.0u	1.056m	-	1.028
9	1	19M	97.5u	-	-	122.8m
10	2	11M	56.4u	1.851m	-	615.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	65.5u	1.744m	-	243.8m
2	2	11M	86.7u	1.672m	-	67.00m
3	1	13M	84.9u	-	-	287.7m
4	3	11M	72.6u	1.127m	1.350m	529.8m
5	2	10M	55.1u	1.189m	-	139.0m
6	3	18M	59.9u	1.064m	1.743m	581.2m
7	1	12M	91.0u	-	-	486.1m
8	3	14M	61.9u	985.1u	1.052m	412.9m
9	2	14M	93.9u	964.1u	-	441.1m
10	1	16M	52.3u	-	-	486.2m
11	2	15M	98.1u	1.544m	-	553.8m
12	2	15M	73.1u	1.268m	-	448.3m
13	2	18M	59.0u	1.445m	-	467.4m
14	2	17M	82.1u	1.040m	-	69.97m
15	3	9M	83.8u	1.896m	1.494m	20.54m
16	2	17M	77.5u	1.633m	-	57.22m
17	2	12M	86.4u	1.111m	-	509.2m
18	3	14M	76.4u	1.143m	1.303m	284.3m
19	2	15M	98.7u	1.856m	-	417.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	97.0u	1.085m	-	706.8m
2	2	11M	51.5u	1.878m	-	787.4m
3	2	9M	94.5u	1.061m	-	178.2m
4	2	19M	68.6u	1.677m	-	417.8m
5	2	12M	69.8u	1.043m	-	397.7m
6	2	7M	94.3u	1.313m	-	734.4m
7	3	10M	92.4u	1.059m	1.471m	39.94m
8	3	19M	76.8u	1.579m	1.010m	732.3m
9	1	18M	51.1u	-	-	369.9m
10	2	12M	65.5u	1.130m	-	98.74m
11	1	17M	92.8u	-	-	81.82m
12	2	20M	77.9u	1.404m	-	357.9m
13	3	15M	89.5u	1.602m	1.906m	334.4m
14	2	11M	50.3u	1.812m	-	299.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
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	10M	86.6u	-	-	977.8m
2	2	10M	58.3u	1.311m	-	1.028
3	1	8M	76.3u	-	-	955.9m
4	3	7M	81.4u	1.650m	1.459m	1.162
5	3	7M	74.4u	1.273m	1.420m	748.7m
6	1	14M	70.9u	-	-	535.9m
7	2	9M	79.4u	1.644m	-	961.3m
8	1	18M	55.7u	-	-	94.77m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	50.2u	-	-	380.2m
2	2	20M	95.3u	930.7u	-	293.0m
3	1	11M	92.7u	-	-	615.3m
4	3	8M	70.6u	1.859m	1.144m	237.7m
5	1	20M	64.6u	-	-	1.030m
6	2	13M	86.3u	1.107m	-	74.44m
7	2	9M	65.2u	1.815m	-	4.729m
8	1	14M	61.7u	-	-	135.1m
9	3	10M	87.4u	1.222m	1.333m	281.4m
10	2	10M	82.4u	1.241m	-	284.8m
11	2	6M	92.8u	1.746m	-	362.9m
12	3	16M	68.8u	1.662m	1.430m	68.19m
13	2	12M	86.1u	938.9u	-	102.5m
14	1	8M	82.9u	-	-	366.9m
15	1	9M	77.8u	-	-	393.5m
16	1	8M	77.9u	-	-	498.7m
17	2	16M	71.2u	1.327m	-	609.3m
18	3	14M	95.2u	1.632m	1.814m	261.0m
19	2	19M	84.2u	1.803m	-	113.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	53.6u	-	-	704.7m
2	3	8M	89.2u	1.217m	940.8u	266.4m
3	2	8M	54.8u	1.408m	-	264.0m
4	2	11M	70.8u	1.430m	-	707.1m
5	3	14M	69.7u	1.336m	1.599m	42.32m
6	2	7M	89.3u	1.649m	-	122.0m
7	3	12M	85.7u	1.075m	1.637m	250.3m
8	2	7M	53.9u	1.502m	-	491.4m
9	3	18M	67.8u	1.331m	1.873m	470.9m
10	2	19M	94.5u	1.112m	-	49.02m
11	2	10M	58.3u	1.805m	-	470.6m
12	1	18M	86.9u	-	-	522.3m
13	3	14M	98.4u	1.286m	1.538m	51.78m
14	1	11M	52.8u	-	-	627.3m
15	1	10M	54.2u	-	-	152.9m
16	3	14M	86.1u	1.463m	1.489m	229.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	54.7u	1.062m	-	240.7m
2	1	20M	94.8u	-	-	866.0m
3	2	11M	78.6u	1.005m	-	868.5m
4	1	5M	79.4u	-	-	350.5m
5	2	9M	86.9u	1.653m	-	510.6m
6	2	6M	60.8u	1.899m	-	699.8m
7	1	9M	84.5u	-	-	746.7m
8	3	13M	92.7u	975.3u	1.898m	170.8m
9	3	9M	56.4u	1.660m	1.845m	118.5m
10	2	20M	74.3u	1.828m	-	726.4m
11	2	17M	51.6u	1.277m	-	571.1m
12	2	18M	93.9u	1.326m	-	294.1m
13	3	8M	72.9u	1.338m	1.007m	321.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	60.6u	-	-	826.1m
2	3	7M	51.9u	1.180m	1.623m	800.4m
3	1	13M	62.1u	-	-	598.8m
4	2	12M	53.8u	1.018m	-	232.3m
5	2	19M	66.3u	1.439m	-	990.5m
6	2	10M	51.8u	1.007m	-	519.8m
7	2	5M	59.6u	1.182m	-	759.2m
8	2	10M	72.9u	1.610m	-	1.132
9	1	15M	86.2u	-	-	174.6m
10	2	17M	71.5u	1.009m	-	551.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	63.6u	1.335m	-	1.106
2	2	11M	89.8u	1.842m	-	834.6m
3	2	5M	73.7u	939.3u	-	1.234
4	1	12M	93.4u	-	-	99.59m
5	2	18M	93.0u	1.245m	-	176.9m
6	2	16M	66.3u	1.327m	-	752.2m
7	3	13M	92.6u	1.629m	1.088m	241.0m
8	3	7M	65.3u	1.010m	1.871m	720.9m
9	1	10M	93.1u	-	-	698.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	53.3u	1.516m	-	30.63m
2	1	16M	81.8u	-	-	686.1m
3	2	13M	52.9u	1.408m	-	816.8m
4	1	10M	74.1u	-	-	678.0m
5	2	18M	83.6u	1.822m	-	105.4m
6	2	15M	56.2u	1.435m	-	531.0m
7	2	7M	55.5u	1.592m	-	677.9m
8	2	6M	67.3u	1.205m	-	790.0m
9	2	10M	67.6u	1.834m	-	351.4m
10	2	17M	58.4u	1.119m	-	158.9m
11	2	17M	59.1u	1.693m	-	977.2m
12	2	6M	71.4u	1.802m	-	513.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
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	10M	66.3u	963.7u	-	408.3m
2	3	6M	67.5u	1.186m	1.917m	46.16m
3	2	9M	97.9u	1.622m	-	411.5m
4	1	15M	92.8u	-	-	534.7m
5	2	19M	83.5u	1.710m	-	236.0m
6	1	16M	96.3u	-	-	422.8m
7	2	13M	57.8u	1.752m	-	559.4m
8	2	19M	64.5u	1.779m	-	109.9m
9	3	11M	51.5u	1.875m	1.496m	207.3m
10	3	12M	59.8u	1.660m	1.892m	205.0m
11	2	13M	58.3u	1.297m	-	474.6m
12	1	5M	83.4u	-	-	515.7m
13	2	12M	61.0u	960.0u	-	93.40m
14	2	19M	91.4u	1.007m	-	111.4m
15	1	16M	50.8u	-	-	458.2m
16	2	8M	61.5u	1.279m	-	465.8m
17	3	7M	71.6u	1.784m	1.186m	489.8m
18	2	14M	87.4u	983.6u	-	443.1m
19	2	9M	77.5u	1.587m	-	127.2m
20	2	9M	85.4u	1.351m	-	340.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
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	15M	99.9u	1.286m	-	155.7m
2	2	10M	77.2u	1.519m	-	438.4m
3	3	19M	96.3u	1.219m	1.512m	313.0m
4	3	14M	66.2u	1.371m	1.377m	217.1m
5	1	14M	98.6u	-	-	422.6m
6	3	17M	98.3u	1.797m	1.629m	564.6m
7	2	17M	63.2u	1.178m	-	41.52m
8	1	11M	50.2u	-	-	779.8m
9	2	7M	93.6u	1.845m	-	203.5m
10	1	7M	97.2u	-	-	154.6m
11	2	20M	77.2u	1.567m	-	367.3m
12	3	14M	74.6u	1.024m	1.657m	160.4m
13	1	10M	71.1u	-	-	176.8m
14	2	17M	91.0u	1.323m	-	733.7m
15	2	5M	83.2u	1.878m	-	285.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	78.0u	-	-	303.3m
2	3	14M	75.0u	1.681m	1.866m	256.2m
3	1	10M	93.9u	-	-	744.5m
4	2	7M	79.8u	1.303m	-	475.9m
5	3	6M	77.4u	1.571m	1.571m	661.6m
6	1	5M	96.5u	-	-	397.8m
7	2	6M	78.4u	1.252m	-	129.8m
8	1	16M	59.3u	-	-	20.02m
9	2	13M	98.1u	1.562m	-	743.9m
10	3	16M	56.0u	1.631m	1.433m	468.4m
11	2	9M	88.9u	1.407m	-	492.0m
12	2	8M	89.9u	1.408m	-	138.8m
13	1	9M	97.4u	-	-	372.4m
14	2	16M	65.0u	987.0u	-	623.0m
15	2	12M	53.2u	1.240m	-	509.1m
16	3	14M	82.8u	1.289m	1.795m	502.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	95.2u	1.514m	-	842.7m
2	2	8M	66.0u	1.842m	-	85.43m
3	2	16M	83.7u	1.376m	-	276.7m
4	2	12M	81.4u	1.274m	-	498.7m
5	3	14M	73.7u	1.609m	1.581m	640.0m
6	2	19M	64.9u	1.253m	-	413.1m
7	2	8M	70.2u	1.023m	-	729.5m
8	2	7M	83.4u	1.663m	-	822.9m
9	3	8M	97.4u	1.856m	1.692m	80.15m
10	2	8M	94.8u	1.407m	-	689.9m
11	3	10M	85.6u	1.667m	1.687m	379.7m
12	2	6M	84.0u	1.729m	-	142.4m
13	3	16M	87.4u	1.385m	1.789m	460.4m
14	2	19M	57.9u	1.343m	-	12.90m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	98.9u	-	-	34.94m
2	3	5M	80.6u	1.462m	1.537m	425.5m
3	3	6M	94.8u	1.729m	1.543m	275.0m
4	3	6M	96.2u	1.578m	1.034m	209.1m
5	3	9M	96.8u	1.113m	1.184m	383.1m
6	2	6M	93.2u	1.658m	-	380.4m
7	2	9M	98.0u	1.105m	-	223.5m
8	3	16M	51.5u	1.077m	1.857m	280.0m
9	2	10M	51.6u	1.429m	-	54.23m
10	2	10M	64.1u	1.110m	-	536.7m
11	1	11M	91.5u	-	-	330.0m
12	1	13M	79.3u	-	-	246.9m
13	3	18M	94.8u	1.240m	1.560m	402.9m
14	2	8M	84.2u	1.899m	-	543.4m
15	3	10M	59.4u	1.049m	941.6u	230.4m
16	2	17M	54.4u	1.131m	-	158.0m
17	1	7M	63.4u	-	-	587.4m
18	2	19M	85.5u	1.893m	-	326.4m
19	2	17M	100.0u	1.837m	-	427.8m
20	2	8M	67.5u	951.5u	-	162.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	97.3u	1.392m	-	394.6m
2	1	7M	78.5u	-	-	729.3m
3	2	11M	57.7u	1.232m	-	853.3m
4	1	14M	81.1u	-	-	157.8m
5	1	17M	89.6u	-	-	939.8m
6	1	8M	89.4u	-	-	806.3m
7	2	14M	79.7u	1.774m	-	925.2m
8	1	6M	86.8u	-	-	971.6m
9	2	17M	51.6u	1.286m	-	385.4m
10	1	16M	77.7u	-	-	45.66m
11	1	18M	82.8u	-	-	429.0m
12	2	13M	84.9u	1.417m	-	664.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	77.4u	1.552m	-	39.79m
2	2	11M	62.8u	1.096m	-	683.2m
3	1	16M	95.9u	-	-	206.1m
4	1	8M	92.8u	-	-	714.7m
5	1	9M	86.4u	-	-	471.5m
6	1	17M	75.9u	-	-	449.2m
7	2	18M	94.1u	1.401m	-	699.9m
8	1	17M	74.0u	-	-	133.9m
9	2	10M	75.5u	1.455m	-	227.3m
10	1	10M	50.3u	-	-	528.5m
11	2	14M	61.6u	1.662m	-	649.8m
12	3	8M	58.7u	1.021m	1.114m	96.93m
13	2	8M	59.4u	1.409m	-	478.9m
14	2	11M	61.2u	1.458m	-	276.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	97.2u	-	-	549.6m
2	2	6M	79.6u	1.164m	-	119.6m
3	2	19M	91.3u	1.812m	-	519.2m
4	3	8M	90.9u	1.285m	1.423m	786.7m
5	2	9M	51.2u	1.893m	-	544.2m
6	2	10M	72.9u	1.034m	-	520.9m
7	1	19M	86.0u	-	-	855.0u
8	2	17M	50.8u	1.535m	-	2.748m
9	2	19M	91.6u	960.4u	-	270.7m
10	2	16M	82.4u	1.541m	-	68.38m
11	2	14M	92.5u	1.759m	-	594.6m
12	2	14M	66.5u	1.187m	-	252.5m
13	2	17M	71.1u	1.101m	-	734.4m
14	1	18M	62.7u	-	-	480.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	64.5u	-	-	856.0m
2	1	14M	85.0u	-	-	429.8m
3	3	19M	95.7u	1.639m	912.3u	69.85m
4	1	11M	64.5u	-	-	551.7m
5	1	8M	80.6u	-	-	469.8m
6	2	7M	55.9u	1.003m	-	230.0m
7	1	9M	72.1u	-	-	820.9m
8	2	14M	76.4u	1.644m	-	862.9m
9	2	18M	79.7u	1.839m	-	383.1m
10	3	10M	75.0u	1.705m	1.110m	226.3m
11	2	15M	72.8u	1.067m	-	778.3m
12	1	17M	58.9u	-	-	176.4m
13	2	11M	59.6u	1.591m	-	915.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	69.6u	1.679m	-	108.0m
2	1	18M	61.8u	-	-	55.56m
3	2	7M	82.2u	1.528m	-	402.0m
4	1	7M	97.3u	-	-	521.8m
5	2	14M	79.5u	1.600m	-	612.3m
6	1	7M	54.4u	-	-	138.1m
7	1	15M	99.9u	-	-	576.8m
8	2	6M	56.9u	1.685m	-	128.2m
9	2	18M	60.0u	1.261m	-	470.9m
10	3	5M	56.1u	1.765m	1.297m	727.0m
11	2	20M	54.5u	1.848m	-	623.8m
12	3	18M	61.6u	1.349m	1.348m	333.9m
13	1	7M	94.9u	-	-	46.16m
14	1	13M	95.0u	-	-	28.62m
15	2	19M	84.7u	1.181m	-	191.6m
16	2	17M	58.2u	969.8u	-	162.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	66.9u	1.219m	1.553m	355.4m
2	2	11M	71.8u	1.396m	-	493.9m
3	3	18M	97.9u	919.1u	1.465m	635.5m
4	3	18M	78.1u	1.199m	963.9u	448.2m
5	1	8M	89.7u	-	-	378.2m
6	2	8M	96.0u	1.458m	-	596.2m
7	3	14M	76.5u	1.050m	1.207m	395.7m
8	2	8M	97.7u	1.678m	-	611.0m
9	2	10M	88.2u	1.344m	-	578.8m
10	3	12M	99.8u	1.296m	1.426m	31.82m
11	1	10M	91.6u	-	-	261.8m
12	2	6M	77.3u	1.347m	-	404.7m
13	1	6M	83.1u	-	-	559.6m
14	3	15M	57.2u	1.577m	1.718m	659.8m
15	2	14M	51.1u	1.841m	-	132.8m
16	3	10M	97.0u	1.699m	1.467m	523.7m
17	2	19M	77.2u	1.443m	-	444.5m
18	3	8M	80.7u	947.3u	1.526m	538.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	81.1u	1.047m	1.053m	345.9m
2	2	7M	94.3u	1.240m	-	41.79m
3	1	18M	58.0u	-	-	101.9m
4	2	18M	90.3u	911.7u	-	399.8m
5	2	19M	69.1u	1.627m	-	238.5m
6	3	12M	62.0u	1.497m	1.081m	121.2m
7	2	14M	84.9u	932.1u	-	455.2m
8	1	14M	76.2u	-	-	168.7m
9	2	17M	71.6u	1.727m	-	219.3m
10	2	5M	53.9u	952.1u	-	172.5m
11	1	10M	86.9u	-	-	10.53m
12	2	13M	64.5u	1.106m	-	329.7m
13	2	14M	53.2u	1.508m	-	291.7m
14	2	7M	52.2u	1.211m	-	563.0m
15	2	11M	96.9u	1.690m	-	433.3m
16	3	14M	63.0u	1.515m	1.042m	141.9m
17	3	12M	51.8u	1.575m	1.595m	123.0m
18	2	9M	83.6u	1.385m	-	46.56m
19	1	16M	98.6u	-	-	86.80m
20	2	18M	99.2u	1.760m	-	23.26m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	99.6u	1.815m	-	324.7m
2	2	9M	58.1u	1.118m	-	252.1m
3	1	19M	92.5u	-	-	197.0m
4	3	12M	83.7u	1.649m	1.575m	95.27m
5	1	7M	81.8u	-	-	502.1m
6	2	13M	62.0u	1.501m	-	105.5m
7	3	14M	62.3u	1.699m	1.760m	238.5m
8	3	16M	79.3u	1.315m	1.269m	595.9m
9	2	15M	57.2u	1.689m	-	235.3m
10	3	9M	78.6u	1.813m	1.861m	181.8m
11	1	8M	66.6u	-	-	582.9m
12	1	19M	50.2u	-	-	77.23m
13	2	15M	65.4u	1.363m	-	573.3m
14	3	7M	52.3u	1.620m	1.572m	149.4m
15	3	8M	79.2u	1.856m	1.541m	502.2m
16	2	16M	96.5u	1.754m	-	459.6m
17	3	13M	97.3u	1.465m	1.472m	68.59m
18	2	16M	58.5u	1.681m	-	586.8m
19	1	6M	69.7u	-	-	162.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	90.2u	1.102m	-	501.4m
2	2	12M	84.6u	1.277m	-	34.61m
3	1	13M	74.0u	-	-	22.85m
4	2	18M	55.6u	1.342m	-	18.27m
5	3	17M	51.4u	1.397m	1.107m	96.46m
6	2	16M	95.6u	1.499m	-	133.4m
7	2	19M	91.5u	1.471m	-	1.887m
8	2	13M	74.0u	1.186m	-	538.5m
9	1	14M	89.5u	-	-	165.1m
10	2	15M	96.1u	1.563m	-	5.313m
11	2	12M	60.4u	1.813m	-	225.3m
12	2	6M	54.5u	1.546m	-	138.1m
13	1	7M	91.6u	-	-	567.5m
14	2	19M	68.0u	1.028m	-	682.2m
15	3	6M	96.4u	1.032m	1.504m	48.75m
16	2	6M	59.1u	1.844m	-	180.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	52.9u	1.876m	1.436m	430.8m
2	3	18M	63.6u	1.045m	1.693m	5.172m
3	2	12M	67.7u	1.256m	-	301.7m
4	1	10M	81.9u	-	-	365.0m
5	2	11M	90.2u	916.8u	-	192.2m
6	2	10M	68.6u	1.551m	-	908.5m
7	3	14M	83.7u	1.012m	1.433m	882.1m
8	1	12M	76.4u	-	-	900.9m
9	1	5M	66.4u	-	-	285.4m
10	2	15M	57.3u	1.355m	-	704.4m
11	3	7M	59.6u	947.4u	1.769m	836.2m

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	No
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	No
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	No
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	No
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: 86.7 %	

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	No
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	No
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	No
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	No
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: 86.7 %

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.567G	2	5.722G	3	5.593G	4	5.345G
5	5.355G	6	5.268G	7	5.540G	8	5.391G
9	5.407G	10	5.289G	11	5.502G	12	5.658G
13	5.582G	14	5.487G	15	5.627G	16	5.383G
17	5.447G	18	5.594G	19	5.420G	20	5.676G
21	5.443G	22	5.600G	23	5.539G	24	5.511G
25	5.321G	26	5.405G	27	5.508G	28	5.439G
29	5.558G	30	5.661G	31	5.474G	32	5.409G
33	5.458G	34	5.279G	35	5.475G	36	5.679G
37	5.418G	38	5.277G	39	5.414G	40	5.633G
41	5.490G	42	5.389G	43	5.507G	44	5.592G
45	5.632G	46	5.253G	47	5.271G	48	5.378G
49	5.255G	50	5.469G	51	5.494G	52	5.609G
53	5.715G	54	5.608G	55	5.524G	56	5.282G
57	5.393G	58	5.614G	59	5.546G	60	5.309G
61	5.325G	62	5.671G	63	5.564G	64	5.467G
65	5.285G	66	5.484G	67	5.716G	68	5.261G
69	5.384G	70	5.641G	71	5.296G	72	5.711G
73	5.464G	74	5.662G	75	5.555G	76	5.448G
77	5.306G	78	5.299G	79	5.521G	80	5.346G
81	5.274G	82	5.573G	83	5.394G	84	5.721G
85	5.597G	86	5.623G	87	5.497G	88	5.449G
89	5.577G	90	5.386G	91	5.351G	92	5.303G
93	5.329G	94	5.710G	95	5.457G	96	5.687G
97	5.703G	98	5.328G	99	5.537G	100	5.315G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.351G	3	5.434G	4	5.512G
5	5.442G	6	5.445G	7	5.371G	8	5.544G
9	5.410G	10	5.305G	11	5.481G	12	5.548G
13	5.641G	14	5.527G	15	5.310G	16	5.469G
17	5.373G	18	5.449G	19	5.591G	20	5.692G
21	5.257G	22	5.268G	23	5.274G	24	5.338G
25	5.514G	26	5.513G	27	5.637G	28	5.635G
29	5.462G	30	5.275G	31	5.618G	32	5.368G
33	5.622G	34	5.499G	35	5.503G	36	5.289G
37	5.435G	38	5.690G	39	5.621G	40	5.388G
41	5.360G	42	5.383G	43	5.623G	44	5.691G
45	5.440G	46	5.322G	47	5.607G	48	5.414G
49	5.557G	50	5.417G	51	5.715G	52	5.467G
53	5.502G	54	5.416G	55	5.457G	56	5.265G
57	5.687G	58	5.506G	59	5.428G	60	5.646G
61	5.630G	62	5.498G	63	5.431G	64	5.652G
65	5.717G	66	5.362G	67	5.555G	68	5.682G
69	5.551G	70	5.649G	71	5.407G	72	5.632G
73	5.415G	74	5.263G	75	5.685G	76	5.369G
77	5.713G	78	5.379G	79	5.719G	80	5.704G
81	5.321G	82	5.537G	83	5.673G	84	5.718G
85	5.317G	86	5.377G	87	5.409G	88	5.665G
89	5.545G	90	5.595G	91	5.553G	92	5.482G
93	5.568G	94	5.655G	95	5.683G	96	5.372G
97	5.645G	98	5.299G	99	5.343G	100	5.694G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.484G	2	5.365G	3	5.265G	4	5.319G
5	5.505G	6	5.488G	7	5.374G	8	5.709G
9	5.719G	10	5.293G	11	5.587G	12	5.274G
13	5.478G	14	5.348G	15	5.665G	16	5.520G
17	5.420G	18	5.527G	19	5.585G	20	5.470G
21	5.614G	22	5.624G	23	5.424G	24	5.352G
25	5.296G	26	5.724G	27	5.705G	28	5.297G
29	5.707G	30	5.384G	31	5.315G	32	5.608G
33	5.589G	34	5.597G	35	5.421G	36	5.360G
37	5.578G	38	5.367G	39	5.581G	40	5.631G
41	5.571G	42	5.666G	43	5.661G	44	5.599G
45	5.553G	46	5.401G	47	5.431G	48	5.301G
49	5.340G	50	5.717G	51	5.512G	52	5.276G
53	5.548G	54	5.350G	55	5.409G	56	5.472G
57	5.721G	58	5.326G	59	5.625G	60	5.570G
61	5.538G	62	5.266G	63	5.441G	64	5.312G
65	5.596G	66	5.568G	67	5.311G	68	5.659G
69	5.509G	70	5.498G	71	5.405G	72	5.667G
73	5.275G	74	5.648G	75	5.557G	76	5.269G
77	5.647G	78	5.654G	79	5.559G	80	5.286G
81	5.600G	82	5.268G	83	5.695G	84	5.465G
85	5.558G	86	5.467G	87	5.432G	88	5.377G
89	5.292G	90	5.606G	91	5.387G	92	5.329G
93	5.576G	94	5.468G	95	5.449G	96	5.332G
97	5.355G	98	5.556G	99	5.536G	100	5.437G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.680G	3	5.309G	4	5.658G
5	5.539G	6	5.660G	7	5.619G	8	5.250G
9	5.649G	10	5.530G	11	5.520G	12	5.608G
13	5.642G	14	5.364G	15	5.684G	16	5.609G
17	5.653G	18	5.523G	19	5.551G	20	5.296G
21	5.365G	22	5.506G	23	5.335G	24	5.322G
25	5.693G	26	5.360G	27	5.699G	28	5.396G
29	5.671G	30	5.588G	31	5.298G	32	5.702G
33	5.362G	34	5.468G	35	5.510G	36	5.409G
37	5.656G	38	5.685G	39	5.348G	40	5.578G
41	5.273G	42	5.361G	43	5.351G	44	5.667G
45	5.382G	46	5.341G	47	5.710G	48	5.320G
49	5.701G	50	5.455G	51	5.462G	52	5.696G
53	5.488G	54	5.393G	55	5.571G	56	5.314G
57	5.419G	58	5.553G	59	5.326G	60	5.356G
61	5.606G	62	5.260G	63	5.394G	64	5.292G
65	5.563G	66	5.595G	67	5.673G	68	5.472G
69	5.645G	70	5.504G	71	5.435G	72	5.256G
73	5.466G	74	5.512G	75	5.266G	76	5.436G
77	5.375G	78	5.615G	79	5.434G	80	5.614G
81	5.527G	82	5.717G	83	5.655G	84	5.294G
85	5.573G	86	5.603G	87	5.385G	88	5.289G
89	5.331G	90	5.460G	91	5.592G	92	5.465G
93	5.406G	94	5.501G	95	5.387G	96	5.403G
97	5.624G	98	5.704G	99	5.338G	100	5.336G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.496G	2	5.623G	3	5.295G	4	5.368G
5	5.339G	6	5.361G	7	5.556G	8	5.547G
9	5.451G	10	5.395G	11	5.465G	12	5.676G
13	5.600G	14	5.381G	15	5.505G	16	5.628G
17	5.367G	18	5.679G	19	5.251G	20	5.413G
21	5.362G	22	5.490G	23	5.287G	24	5.463G
25	5.408G	26	5.714G	27	5.442G	28	5.498G
29	5.369G	30	5.332G	31	5.610G	32	5.358G
33	5.539G	34	5.302G	35	5.608G	36	5.625G
37	5.401G	38	5.476G	39	5.276G	40	5.266G
41	5.261G	42	5.627G	43	5.443G	44	5.545G
45	5.289G	46	5.538G	47	5.542G	48	5.269G
49	5.566G	50	5.360G	51	5.459G	52	5.611G
53	5.525G	54	5.719G	55	5.514G	56	5.354G
57	5.292G	58	5.388G	59	5.477G	60	5.268G
61	5.357G	62	5.299G	63	5.427G	64	5.642G
65	5.329G	66	5.592G	67	5.461G	68	5.597G
69	5.356G	70	5.639G	71	5.500G	72	5.404G
73	5.291G	74	5.422G	75	5.712G	76	5.342G
77	5.331G	78	5.421G	79	5.370G	80	5.715G
81	5.531G	82	5.619G	83	5.634G	84	5.578G
85	5.383G	86	5.567G	87	5.638G	88	5.606G
89	5.485G	90	5.456G	91	5.541G	92	5.328G
93	5.675G	94	5.475G	95	5.656G	96	5.308G
97	5.677G	98	5.347G	99	5.695G	100	5.341G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.584G	2	5.609G	3	5.426G	4	5.699G
5	5.685G	6	5.440G	7	5.376G	8	5.664G
9	5.365G	10	5.314G	11	5.590G	12	5.649G
13	5.253G	14	5.547G	15	5.534G	16	5.485G
17	5.391G	18	5.351G	19	5.632G	20	5.449G
21	5.640G	22	5.539G	23	5.374G	24	5.610G
25	5.413G	26	5.638G	27	5.646G	28	5.489G
29	5.276G	30	5.464G	31	5.520G	32	5.326G
33	5.419G	34	5.509G	35	5.578G	36	5.291G
37	5.633G	38	5.369G	39	5.652G	40	5.385G
41	5.628G	42	5.488G	43	5.387G	44	5.607G
45	5.477G	46	5.340G	47	5.357G	48	5.386G
49	5.478G	50	5.378G	51	5.354G	52	5.605G
53	5.512G	54	5.307G	55	5.434G	56	5.294G
57	5.667G	58	5.406G	59	5.461G	60	5.641G
61	5.595G	62	5.544G	63	5.445G	64	5.716G
65	5.513G	66	5.277G	67	5.251G	68	5.690G
69	5.702G	70	5.577G	71	5.465G	72	5.665G
73	5.583G	74	5.297G	75	5.457G	76	5.653G
77	5.597G	78	5.375G	79	5.706G	80	5.670G
81	5.676G	82	5.619G	83	5.521G	84	5.678G
85	5.260G	86	5.615G	87	5.538G	88	5.613G
89	5.533G	90	5.450G	91	5.711G	92	5.569G
93	5.564G	94	5.556G	95	5.591G	96	5.576G
97	5.668G	98	5.572G	99	5.315G	100	5.439G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.438G	2	5.492G	3	5.401G	4	5.433G
5	5.663G	6	5.601G	7	5.344G	8	5.705G
9	5.252G	10	5.430G	11	5.440G	12	5.408G
13	5.371G	14	5.498G	15	5.639G	16	5.325G
17	5.528G	18	5.362G	19	5.526G	20	5.694G
21	5.502G	22	5.297G	23	5.340G	24	5.608G
25	5.358G	26	5.310G	27	5.277G	28	5.564G
29	5.382G	30	5.689G	31	5.271G	32	5.269G
33	5.304G	34	5.435G	35	5.326G	36	5.475G
37	5.660G	38	5.491G	39	5.373G	40	5.444G
41	5.377G	42	5.258G	43	5.655G	44	5.422G
45	5.669G	46	5.343G	47	5.532G	48	5.259G
49	5.376G	50	5.609G	51	5.453G	52	5.577G
53	5.467G	54	5.389G	55	5.399G	56	5.605G
57	5.517G	58	5.302G	59	5.696G	60	5.634G
61	5.720G	62	5.691G	63	5.386G	64	5.606G
65	5.499G	66	5.690G	67	5.353G	68	5.451G
69	5.569G	70	5.452G	71	5.523G	72	5.709G
73	5.341G	74	5.454G	75	5.680G	76	5.703G
77	5.521G	78	5.274G	79	5.637G	80	5.632G
81	5.293G	82	5.319G	83	5.354G	84	5.474G
85	5.466G	86	5.316G	87	5.500G	88	5.339G
89	5.677G	90	5.464G	91	5.355G	92	5.347G
93	5.318G	94	5.469G	95	5.686G	96	5.263G
97	5.580G	98	5.272G	99	5.644G	100	5.538G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.622G	2	5.320G	3	5.254G	4	5.666G
5	5.360G	6	5.434G	7	5.279G	8	5.620G
9	5.405G	10	5.472G	11	5.554G	12	5.329G
13	5.520G	14	5.291G	15	5.427G	16	5.593G
17	5.668G	18	5.290G	19	5.370G	20	5.298G
21	5.303G	22	5.417G	23	5.426G	24	5.686G
25	5.443G	26	5.479G	27	5.573G	28	5.614G
29	5.410G	30	5.653G	31	5.519G	32	5.522G
33	5.401G	34	5.301G	35	5.506G	36	5.380G
37	5.497G	38	5.476G	39	5.594G	40	5.700G
41	5.532G	42	5.373G	43	5.354G	44	5.345G
45	5.423G	46	5.503G	47	5.382G	48	5.559G
49	5.293G	50	5.493G	51	5.342G	52	5.578G
53	5.297G	54	5.692G	55	5.274G	56	5.271G
57	5.326G	58	5.535G	59	5.282G	60	5.277G
61	5.707G	62	5.605G	63	5.571G	64	5.541G
65	5.720G	66	5.340G	67	5.313G	68	5.662G
69	5.278G	70	5.531G	71	5.548G	72	5.672G
73	5.327G	74	5.673G	75	5.598G	76	5.507G
77	5.631G	78	5.649G	79	5.439G	80	5.431G
81	5.659G	82	5.643G	83	5.670G	84	5.414G
85	5.601G	86	5.654G	87	5.261G	88	5.639G
89	5.404G	90	5.595G	91	5.644G	92	5.650G
93	5.349G	94	5.656G	95	5.683G	96	5.394G
97	5.572G	98	5.509G	99	5.446G	100	5.588G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.433G	2	5.484G	3	5.286G	4	5.558G
5	5.260G	6	5.721G	7	5.352G	8	5.573G
9	5.321G	10	5.379G	11	5.441G	12	5.657G
13	5.407G	14	5.615G	15	5.358G	16	5.595G
17	5.644G	18	5.695G	19	5.360G	20	5.319G
21	5.500G	22	5.497G	23	5.257G	24	5.446G
25	5.570G	26	5.334G	27	5.437G	28	5.399G
29	5.518G	30	5.714G	31	5.711G	32	5.295G
33	5.387G	34	5.699G	35	5.318G	36	5.426G
37	5.575G	38	5.390G	39	5.656G	40	5.689G
41	5.538G	42	5.515G	43	5.628G	44	5.603G
45	5.540G	46	5.655G	47	5.258G	48	5.265G
49	5.556G	50	5.701G	51	5.651G	52	5.502G
53	5.557G	54	5.670G	55	5.640G	56	5.586G
57	5.272G	58	5.455G	59	5.361G	60	5.402G
61	5.514G	62	5.602G	63	5.468G	64	5.345G
65	5.368G	66	5.568G	67	5.645G	68	5.447G
69	5.298G	70	5.341G	71	5.525G	72	5.501G
73	5.483G	74	5.395G	75	5.584G	76	5.665G
77	5.432G	78	5.372G	79	5.473G	80	5.445G
81	5.308G	82	5.488G	83	5.253G	84	5.498G
85	5.593G	86	5.633G	87	5.466G	88	5.664G
89	5.642G	90	5.554G	91	5.276G	92	5.405G
93	5.363G	94	5.494G	95	5.663G	96	5.476G
97	5.506G	98	5.690G	99	5.507G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.686G	2	5.560G	3	5.466G	4	5.620G
5	5.314G	6	5.442G	7	5.526G	8	5.417G
9	5.465G	10	5.375G	11	5.566G	12	5.714G
13	5.618G	14	5.444G	15	5.255G	16	5.649G
17	5.443G	18	5.614G	19	5.670G	20	5.696G
21	5.712G	22	5.546G	23	5.401G	24	5.507G
25	5.421G	26	5.706G	27	5.440G	28	5.485G
29	5.276G	30	5.583G	31	5.385G	32	5.363G
33	5.641G	34	5.415G	35	5.616G	36	5.296G
37	5.454G	38	5.615G	39	5.594G	40	5.271G
41	5.400G	42	5.473G	43	5.718G	44	5.606G
45	5.367G	46	5.503G	47	5.300G	48	5.279G
49	5.297G	50	5.493G	51	5.597G	52	5.622G
53	5.446G	54	5.386G	55	5.406G	56	5.361G
57	5.336G	58	5.405G	59	5.715G	60	5.638G
61	5.325G	62	5.720G	63	5.410G	64	5.351G
65	5.593G	66	5.675G	67	5.310G	68	5.403G
69	5.346G	70	5.690G	71	5.457G	72	5.448G
73	5.685G	74	5.516G	75	5.370G	76	5.268G
77	5.377G	78	5.545G	79	5.321G	80	5.558G
81	5.717G	82	5.274G	83	5.461G	84	5.312G
85	5.567G	86	5.371G	87	5.688G	88	5.611G
89	5.705G	90	5.713G	91	5.451G	92	5.374G
93	5.424G	94	5.651G	95	5.664G	96	5.665G
97	5.399G	98	5.633G	99	5.309G	100	5.552G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.387G	2	5.251G	3	5.391G	4	5.259G
5	5.254G	6	5.318G	7	5.497G	8	5.267G
9	5.639G	10	5.610G	11	5.616G	12	5.448G
13	5.378G	14	5.457G	15	5.489G	16	5.461G
17	5.530G	18	5.334G	19	5.722G	20	5.485G
21	5.562G	22	5.455G	23	5.286G	24	5.474G
25	5.372G	26	5.628G	27	5.723G	28	5.336G
29	5.649G	30	5.630G	31	5.377G	32	5.379G
33	5.290G	34	5.404G	35	5.473G	36	5.702G
37	5.291G	38	5.322G	39	5.521G	40	5.356G
41	5.446G	42	5.642G	43	5.442G	44	5.252G
45	5.258G	46	5.350G	47	5.394G	48	5.683G
49	5.304G	50	5.698G	51	5.418G	52	5.669G
53	5.532G	54	5.632G	55	5.690G	56	5.397G
57	5.476G	58	5.625G	59	5.328G	60	5.680G
61	5.392G	62	5.351G	63	5.319G	64	5.484G
65	5.353G	66	5.554G	67	5.651G	68	5.647G
69	5.359G	70	5.256G	71	5.342G	72	5.280G
73	5.400G	74	5.624G	75	5.626G	76	5.563G
77	5.409G	78	5.612G	79	5.398G	80	5.276G
81	5.512G	82	5.389G	83	5.366G	84	5.424G
85	5.478G	86	5.413G	87	5.644G	88	5.285G
89	5.360G	90	5.428G	91	5.364G	92	5.302G
93	5.528G	94	5.600G	95	5.712G	96	5.552G
97	5.621G	98	5.479G	99	5.432G	100	5.500G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.350G	2	5.657G	3	5.614G	4	5.703G
5	5.650G	6	5.547G	7	5.271G	8	5.625G
9	5.333G	10	5.551G	11	5.422G	12	5.291G
13	5.545G	14	5.447G	15	5.451G	16	5.528G
17	5.669G	18	5.488G	19	5.536G	20	5.250G
21	5.507G	22	5.651G	23	5.448G	24	5.408G
25	5.421G	26	5.696G	27	5.637G	28	5.301G
29	5.420G	30	5.694G	31	5.618G	32	5.471G
33	5.324G	34	5.466G	35	5.273G	36	5.655G
37	5.387G	38	5.463G	39	5.710G	40	5.428G
41	5.366G	42	5.678G	43	5.675G	44	5.445G
45	5.377G	46	5.469G	47	5.665G	48	5.504G
49	5.309G	50	5.474G	51	5.438G	52	5.656G
53	5.647G	54	5.426G	55	5.560G	56	5.606G
57	5.406G	58	5.553G	59	5.636G	60	5.616G
61	5.605G	62	5.498G	63	5.450G	64	5.275G
65	5.629G	66	5.620G	67	5.310G	68	5.567G
69	5.643G	70	5.326G	71	5.601G	72	5.342G
73	5.356G	74	5.306G	75	5.724G	76	5.325G
77	5.456G	78	5.437G	79	5.302G	80	5.293G
81	5.464G	82	5.264G	83	5.658G	84	5.332G
85	5.527G	86	5.256G	87	5.644G	88	5.430G
89	5.511G	90	5.323G	91	5.393G	92	5.596G
93	5.462G	94	5.482G	95	5.472G	96	5.719G
97	5.535G	98	5.718G	99	5.715G	100	5.319G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.261G	2	5.302G	3	5.311G	4	5.574G
5	5.353G	6	5.530G	7	5.384G	8	5.313G
9	5.537G	10	5.268G	11	5.287G	12	5.556G
13	5.696G	14	5.713G	15	5.587G	16	5.666G
17	5.427G	18	5.464G	19	5.709G	20	5.260G
21	5.327G	22	5.341G	23	5.662G	24	5.365G
25	5.503G	26	5.275G	27	5.479G	28	5.283G
29	5.659G	30	5.274G	31	5.262G	32	5.536G
33	5.308G	34	5.490G	35	5.281G	36	5.390G
37	5.635G	38	5.273G	39	5.453G	40	5.650G
41	5.529G	42	5.474G	43	5.337G	44	5.444G
45	5.361G	46	5.496G	47	5.545G	48	5.695G
49	5.521G	50	5.613G	51	5.408G	52	5.405G
53	5.481G	54	5.443G	55	5.428G	56	5.586G
57	5.624G	58	5.657G	59	5.724G	60	5.404G
61	5.318G	62	5.267G	63	5.671G	64	5.486G
65	5.463G	66	5.507G	67	5.681G	68	5.573G
69	5.553G	70	5.703G	71	5.294G	72	5.348G
73	5.640G	74	5.420G	75	5.297G	76	5.332G
77	5.430G	78	5.509G	79	5.565G	80	5.334G
81	5.370G	82	5.477G	83	5.363G	84	5.279G
85	5.314G	86	5.608G	87	5.637G	88	5.295G
89	5.421G	90	5.621G	91	5.385G	92	5.459G
93	5.470G	94	5.558G	95	5.478G	96	5.387G
97	5.611G	98	5.471G	99	5.431G	100	5.595G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.582G	2	5.498G	3	5.418G	4	5.722G
5	5.561G	6	5.377G	7	5.533G	8	5.705G
9	5.501G	10	5.663G	11	5.579G	12	5.621G
13	5.328G	14	5.289G	15	5.638G	16	5.595G
17	5.269G	18	5.664G	19	5.686G	20	5.515G
21	5.549G	22	5.416G	23	5.370G	24	5.322G
25	5.578G	26	5.637G	27	5.476G	28	5.441G
29	5.650G	30	5.633G	31	5.303G	32	5.406G
33	5.415G	34	5.654G	35	5.514G	36	5.615G
37	5.699G	38	5.603G	39	5.569G	40	5.575G
41	5.270G	42	5.294G	43	5.301G	44	5.527G
45	5.512G	46	5.702G	47	5.327G	48	5.585G
49	5.490G	50	5.393G	51	5.278G	52	5.434G
53	5.371G	54	5.306G	55	5.601G	56	5.534G
57	5.455G	58	5.651G	59	5.287G	60	5.677G
61	5.607G	62	5.272G	63	5.395G	64	5.661G
65	5.333G	66	5.410G	67	5.462G	68	5.491G
69	5.712G	70	5.692G	71	5.687G	72	5.472G
73	5.417G	74	5.612G	75	5.309G	76	5.555G
77	5.365G	78	5.499G	79	5.518G	80	5.469G
81	5.297G	82	5.295G	83	5.656G	84	5.263G
85	5.317G	86	5.683G	87	5.258G	88	5.551G
89	5.672G	90	5.502G	91	5.250G	92	5.627G
93	5.343G	94	5.267G	95	5.599G	96	5.254G
97	5.354G	98	5.486G	99	5.345G	100	5.581G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.699G	2	5.593G	3	5.364G	4	5.570G
5	5.501G	6	5.717G	7	5.352G	8	5.329G
9	5.473G	10	5.705G	11	5.400G	12	5.269G
13	5.345G	14	5.316G	15	5.348G	16	5.629G
17	5.531G	18	5.290G	19	5.578G	20	5.472G
21	5.628G	22	5.612G	23	5.433G	24	5.520G
25	5.480G	26	5.488G	27	5.409G	28	5.385G
29	5.525G	30	5.592G	31	5.565G	32	5.497G
33	5.545G	34	5.672G	35	5.419G	36	5.613G
37	5.528G	38	5.487G	39	5.600G	40	5.287G
41	5.492G	42	5.529G	43	5.310G	44	5.666G
45	5.627G	46	5.324G	47	5.620G	48	5.631G
49	5.414G	50	5.392G	51	5.470G	52	5.659G
53	5.273G	54	5.575G	55	5.334G	56	5.397G
57	5.645G	58	5.643G	59	5.292G	60	5.359G
61	5.344G	62	5.559G	63	5.486G	64	5.719G
65	5.688G	66	5.441G	67	5.689G	68	5.317G
69	5.704G	70	5.261G	71	5.543G	72	5.723G
73	5.319G	74	5.641G	75	5.394G	76	5.500G
77	5.267G	78	5.523G	79	5.496G	80	5.413G
81	5.562G	82	5.368G	83	5.514G	84	5.335G
85	5.696G	86	5.698G	87	5.440G	88	5.439G
89	5.692G	90	5.457G	91	5.701G	92	5.622G
93	5.602G	94	5.713G	95	5.658G	96	5.547G
97	5.389G	98	5.601G	99	5.674G	100	5.323G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.721G	2	5.352G	3	5.552G	4	5.700G
5	5.646G	6	5.387G	7	5.608G	8	5.383G
9	5.506G	10	5.316G	11	5.690G	12	5.342G
13	5.650G	14	5.368G	15	5.524G	16	5.270G
17	5.431G	18	5.485G	19	5.565G	20	5.292G
21	5.704G	22	5.623G	23	5.467G	24	5.412G
25	5.331G	26	5.323G	27	5.354G	28	5.413G
29	5.533G	30	5.622G	31	5.674G	32	5.421G
33	5.510G	34	5.557G	35	5.393G	36	5.630G
37	5.678G	38	5.686G	39	5.386G	40	5.670G
41	5.707G	42	5.526G	43	5.685G	44	5.595G
45	5.603G	46	5.625G	47	5.469G	48	5.324G
49	5.377G	50	5.356G	51	5.576G	52	5.669G
53	5.607G	54	5.309G	55	5.531G	56	5.542G
57	5.482G	58	5.521G	59	5.360G	60	5.306G
61	5.586G	62	5.396G	63	5.662G	64	5.341G
65	5.483G	66	5.706G	67	5.448G	68	5.303G
69	5.684G	70	5.666G	71	5.723G	72	5.295G
73	5.385G	74	5.340G	75	5.315G	76	5.635G
77	5.582G	78	5.590G	79	5.553G	80	5.426G
81	5.279G	82	5.380G	83	5.332G	84	5.503G
85	5.515G	86	5.667G	87	5.555G	88	5.573G
89	5.411G	90	5.490G	91	5.401G	92	5.550G
93	5.649G	94	5.626G	95	5.668G	96	5.478G
97	5.314G	98	5.440G	99	5.538G	100	5.390G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.270G	2	5.297G	3	5.612G	4	5.545G
5	5.504G	6	5.655G	7	5.668G	8	5.607G
9	5.267G	10	5.258G	11	5.615G	12	5.483G
13	5.646G	14	5.473G	15	5.658G	16	5.449G
17	5.704G	18	5.428G	19	5.527G	20	5.639G
21	5.352G	22	5.649G	23	5.268G	24	5.636G
25	5.351G	26	5.481G	27	5.582G	28	5.553G
29	5.707G	30	5.526G	31	5.701G	32	5.368G
33	5.671G	34	5.343G	35	5.319G	36	5.286G
37	5.345G	38	5.373G	39	5.492G	40	5.567G
41	5.396G	42	5.642G	43	5.584G	44	5.559G
45	5.306G	46	5.411G	47	5.638G	48	5.515G
49	5.303G	50	5.346G	51	5.513G	52	5.259G
53	5.585G	54	5.470G	55	5.399G	56	5.576G
57	5.282G	58	5.686G	59	5.392G	60	5.541G
61	5.421G	62	5.447G	63	5.436G	64	5.528G
65	5.300G	66	5.423G	67	5.425G	68	5.561G
69	5.469G	70	5.415G	71	5.652G	72	5.555G
73	5.622G	74	5.621G	75	5.461G	76	5.656G
77	5.533G	78	5.349G	79	5.657G	80	5.266G
81	5.719G	82	5.409G	83	5.385G	84	5.356G
85	5.554G	86	5.625G	87	5.359G	88	5.530G
89	5.705G	90	5.571G	91	5.400G	92	5.531G
93	5.673G	94	5.298G	95	5.287G	96	5.544G
97	5.498G	98	5.548G	99	5.651G	100	5.718G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.673G	2	5.375G	3	5.412G	4	5.404G
5	5.323G	6	5.486G	7	5.593G	8	5.339G
9	5.266G	10	5.679G	11	5.687G	12	5.521G
13	5.305G	14	5.675G	15	5.309G	16	5.718G
17	5.275G	18	5.332G	19	5.608G	20	5.522G
21	5.519G	22	5.613G	23	5.344G	24	5.529G
25	5.715G	26	5.584G	27	5.714G	28	5.561G
29	5.607G	30	5.631G	31	5.528G	32	5.370G
33	5.520G	34	5.327G	35	5.706G	36	5.387G
37	5.273G	38	5.396G	39	5.411G	40	5.285G
41	5.605G	42	5.596G	43	5.586G	44	5.514G
45	5.490G	46	5.659G	47	5.560G	48	5.700G
49	5.472G	50	5.711G	51	5.504G	52	5.653G
53	5.693G	54	5.464G	55	5.330G	56	5.408G
57	5.665G	58	5.692G	59	5.334G	60	5.256G
61	5.495G	62	5.292G	63	5.716G	64	5.409G
65	5.483G	66	5.315G	67	5.577G	68	5.508G
69	5.361G	70	5.431G	71	5.492G	72	5.685G
73	5.713G	74	5.477G	75	5.447G	76	5.250G
77	5.496G	78	5.538G	79	5.708G	80	5.371G
81	5.516G	82	5.668G	83	5.459G	84	5.435G
85	5.355G	86	5.384G	87	5.365G	88	5.299G
89	5.473G	90	5.603G	91	5.610G	92	5.662G
93	5.671G	94	5.287G	95	5.389G	96	5.281G
97	5.566G	98	5.320G	99	5.670G	100	5.712G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.447G	2	5.551G	3	5.510G	4	5.697G
5	5.330G	6	5.689G	7	5.271G	8	5.300G
9	5.261G	10	5.388G	11	5.307G	12	5.493G
13	5.705G	14	5.693G	15	5.288G	16	5.591G
17	5.488G	18	5.671G	19	5.710G	20	5.417G
21	5.514G	22	5.577G	23	5.569G	24	5.573G
25	5.525G	26	5.479G	27	5.610G	28	5.320G
29	5.475G	30	5.457G	31	5.449G	32	5.568G
33	5.424G	34	5.707G	35	5.410G	36	5.438G
37	5.675G	38	5.384G	39	5.409G	40	5.699G
41	5.502G	42	5.302G	43	5.333G	44	5.598G
45	5.335G	46	5.361G	47	5.436G	48	5.589G
49	5.443G	50	5.622G	51	5.341G	52	5.594G
53	5.431G	54	5.267G	55	5.329G	56	5.575G
57	5.481G	58	5.485G	59	5.389G	60	5.702G
61	5.304G	62	5.529G	63	5.287G	64	5.660G
65	5.656G	66	5.691G	67	5.253G	68	5.420G
69	5.470G	70	5.662G	71	5.630G	72	5.297G
73	5.435G	74	5.542G	75	5.258G	76	5.651G
77	5.250G	78	5.692G	79	5.413G	80	5.276G
81	5.365G	82	5.578G	83	5.322G	84	5.451G
85	5.309G	86	5.672G	87	5.657G	88	5.709G
89	5.649G	90	5.432G	91	5.252G	92	5.298G
93	5.654G	94	5.336G	95	5.587G	96	5.708G
97	5.495G	98	5.254G	99	5.310G	100	5.714G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.325G	2	5.621G	3	5.703G	4	5.319G
5	5.309G	6	5.463G	7	5.461G	8	5.607G
9	5.351G	10	5.714G	11	5.670G	12	5.676G
13	5.608G	14	5.540G	15	5.606G	16	5.315G
17	5.531G	18	5.686G	19	5.404G	20	5.538G
21	5.524G	22	5.618G	23	5.501G	24	5.660G
25	5.687G	26	5.595G	27	5.556G	28	5.650G
29	5.431G	30	5.639G	31	5.630G	32	5.280G
33	5.552G	34	5.306G	35	5.518G	36	5.301G
37	5.592G	38	5.327G	39	5.481G	40	5.717G
41	5.541G	42	5.352G	43	5.390G	44	5.632G
45	5.455G	46	5.527G	47	5.261G	48	5.445G
49	5.437G	50	5.579G	51	5.346G	52	5.256G
53	5.299G	54	5.504G	55	5.408G	56	5.696G
57	5.350G	58	5.421G	59	5.546G	60	5.477G
61	5.406G	62	5.695G	63	5.508G	64	5.675G
65	5.722G	66	5.332G	67	5.628G	68	5.598G
69	5.573G	70	5.347G	71	5.610G	72	5.647G
73	5.565G	74	5.470G	75	5.268G	76	5.521G
77	5.402G	78	5.605G	79	5.640G	80	5.694G
81	5.652G	82	5.555G	83	5.379G	84	5.543G
85	5.669G	86	5.324G	87	5.634G	88	5.620G
89	5.499G	90	5.320G	91	5.321G	92	5.512G
93	5.334G	94	5.412G	95	5.474G	96	5.337G
97	5.260G	98	5.472G	99	5.667G	100	5.517G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.294G	2	5.717G	3	5.557G	4	5.370G
5	5.359G	6	5.313G	7	5.662G	8	5.356G
9	5.625G	10	5.427G	11	5.566G	12	5.409G
13	5.316G	14	5.631G	15	5.544G	16	5.639G
17	5.434G	18	5.406G	19	5.609G	20	5.635G
21	5.664G	22	5.646G	23	5.469G	24	5.472G
25	5.428G	26	5.487G	27	5.505G	28	5.522G
29	5.695G	30	5.334G	31	5.432G	32	5.386G
33	5.556G	34	5.678G	35	5.451G	36	5.514G
37	5.450G	38	5.418G	39	5.637G	40	5.289G
41	5.594G	42	5.265G	43	5.707G	44	5.704G
45	5.415G	46	5.286G	47	5.317G	48	5.480G
49	5.355G	50	5.332G	51	5.621G	52	5.252G
53	5.682G	54	5.601G	55	5.543G	56	5.559G
57	5.596G	58	5.271G	59	5.363G	60	5.569G
61	5.555G	62	5.667G	63	5.547G	64	5.640G
65	5.641G	66	5.396G	67	5.657G	68	5.473G
69	5.577G	70	5.439G	71	5.513G	72	5.258G
73	5.520G	74	5.548G	75	5.272G	76	5.456G
77	5.615G	78	5.613G	79	5.403G	80	5.497G
81	5.605G	82	5.479G	83	5.261G	84	5.373G
85	5.699G	86	5.692G	87	5.264G	88	5.610G
89	5.603G	90	5.335G	91	5.684G	92	5.310G
93	5.523G	94	5.546G	95	5.274G	96	5.462G
97	5.348G	98	5.648G	99	5.659G	100	5.539G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.617G	2	5.377G	3	5.692G	4	5.300G
5	5.360G	6	5.452G	7	5.480G	8	5.443G
9	5.662G	10	5.528G	11	5.297G	12	5.570G
13	5.529G	14	5.395G	15	5.623G	16	5.315G
17	5.298G	18	5.252G	19	5.536G	20	5.525G
21	5.373G	22	5.347G	23	5.363G	24	5.665G
25	5.707G	26	5.628G	27	5.530G	28	5.640G
29	5.455G	30	5.389G	31	5.535G	32	5.408G
33	5.369G	34	5.415G	35	5.434G	36	5.548G
37	5.325G	38	5.593G	39	5.259G	40	5.602G
41	5.302G	42	5.509G	43	5.554G	44	5.403G
45	5.649G	46	5.446G	47	5.709G	48	5.281G
49	5.585G	50	5.697G	51	5.409G	52	5.705G
53	5.253G	54	5.690G	55	5.650G	56	5.423G
57	5.323G	58	5.502G	59	5.286G	60	5.680G
61	5.437G	62	5.565G	63	5.626G	64	5.331G
65	5.324G	66	5.643G	67	5.587G	68	5.683G
69	5.356G	70	5.305G	71	5.270G	72	5.479G
73	5.419G	74	5.497G	75	5.353G	76	5.260G
77	5.622G	78	5.678G	79	5.612G	80	5.417G
81	5.432G	82	5.380G	83	5.588G	84	5.514G
85	5.691G	86	5.580G	87	5.402G	88	5.712G
89	5.638G	90	5.646G	91	5.635G	92	5.555G
93	5.710G	94	5.672G	95	5.381G	96	5.656G
97	5.598G	98	5.700G	99	5.322G	100	5.510G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.456G	2	5.358G	3	5.675G	4	5.440G
5	5.602G	6	5.252G	7	5.328G	8	5.683G
9	5.577G	10	5.350G	11	5.681G	12	5.359G
13	5.482G	14	5.553G	15	5.691G	16	5.457G
17	5.277G	18	5.275G	19	5.666G	20	5.701G
21	5.473G	22	5.682G	23	5.510G	24	5.449G
25	5.483G	26	5.306G	27	5.547G	28	5.374G
29	5.315G	30	5.655G	31	5.353G	32	5.259G
33	5.592G	34	5.388G	35	5.574G	36	5.608G
37	5.370G	38	5.659G	39	5.571G	40	5.706G
41	5.576G	42	5.266G	43	5.302G	44	5.542G
45	5.521G	46	5.564G	47	5.336G	48	5.516G
49	5.581G	50	5.455G	51	5.312G	52	5.419G
53	5.430G	54	5.339G	55	5.288G	56	5.276G
57	5.414G	58	5.630G	59	5.393G	60	5.380G
61	5.326G	62	5.466G	63	5.506G	64	5.712G
65	5.439G	66	5.724G	67	5.343G	68	5.417G
69	5.540G	70	5.572G	71	5.297G	72	5.342G
73	5.404G	74	5.437G	75	5.300G	76	5.495G
77	5.463G	78	5.264G	79	5.487G	80	5.643G
81	5.517G	82	5.309G	83	5.529G	84	5.711G
85	5.278G	86	5.281G	87	5.412G	88	5.575G
89	5.375G	90	5.257G	91	5.453G	92	5.267G
93	5.322G	94	5.271G	95	5.493G	96	5.583G
97	5.522G	98	5.698G	99	5.658G	100	5.361G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.378G	2	5.361G	3	5.366G	4	5.629G
5	5.674G	6	5.430G	7	5.418G	8	5.259G
9	5.490G	10	5.434G	11	5.539G	12	5.481G
13	5.582G	14	5.535G	15	5.252G	16	5.471G
17	5.624G	18	5.562G	19	5.691G	20	5.594G
21	5.287G	22	5.556G	23	5.642G	24	5.668G
25	5.597G	26	5.672G	27	5.272G	28	5.332G
29	5.478G	30	5.598G	31	5.309G	32	5.368G
33	5.723G	34	5.704G	35	5.399G	36	5.632G
37	5.285G	38	5.451G	39	5.553G	40	5.485G
41	5.254G	42	5.612G	43	5.409G	44	5.395G
45	5.621G	46	5.284G	47	5.275G	48	5.645G
49	5.280G	50	5.615G	51	5.693G	52	5.669G
53	5.684G	54	5.441G	55	5.713G	56	5.483G
57	5.664G	58	5.537G	59	5.697G	60	5.437G
61	5.355G	62	5.609G	63	5.545G	64	5.510G
65	5.547G	66	5.376G	67	5.410G	68	5.265G
69	5.353G	70	5.496G	71	5.487G	72	5.344G
73	5.574G	74	5.346G	75	5.449G	76	5.314G
77	5.492G	78	5.649G	79	5.673G	80	5.315G
81	5.651G	82	5.491G	83	5.589G	84	5.499G
85	5.495G	86	5.667G	87	5.313G	88	5.380G
89	5.709G	90	5.576G	91	5.520G	92	5.266G
93	5.558G	94	5.659G	95	5.343G	96	5.630G
97	5.392G	98	5.505G	99	5.484G	100	5.604G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.471G	2	5.684G	3	5.699G	4	5.437G
5	5.609G	6	5.317G	7	5.566G	8	5.681G
9	5.442G	10	5.341G	11	5.513G	12	5.520G
13	5.412G	14	5.569G	15	5.476G	16	5.538G
17	5.672G	18	5.254G	19	5.697G	20	5.458G
21	5.708G	22	5.706G	23	5.677G	24	5.696G
25	5.406G	26	5.326G	27	5.357G	28	5.354G
29	5.593G	30	5.286G	31	5.279G	32	5.307G
33	5.460G	34	5.448G	35	5.547G	36	5.702G
37	5.371G	38	5.475G	39	5.581G	40	5.709G
41	5.495G	42	5.347G	43	5.624G	44	5.555G
45	5.576G	46	5.306G	47	5.617G	48	5.570G
49	5.454G	50	5.452G	51	5.392G	52	5.508G
53	5.344G	54	5.284G	55	5.451G	56	5.272G
57	5.687G	58	5.679G	59	5.349G	60	5.571G
61	5.474G	62	5.281G	63	5.257G	64	5.559G
65	5.467G	66	5.335G	67	5.382G	68	5.420G
69	5.301G	70	5.639G	71	5.668G	72	5.308G
73	5.716G	74	5.491G	75	5.329G	76	5.656G
77	5.632G	78	5.634G	79	5.621G	80	5.427G
81	5.611G	82	5.619G	83	5.607G	84	5.667G
85	5.415G	86	5.644G	87	5.375G	88	5.535G
89	5.722G	90	5.496G	91	5.274G	92	5.436G
93	5.313G	94	5.662G	95	5.600G	96	5.499G
97	5.664G	98	5.473G	99	5.409G	100	5.453G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.615G	2	5.255G	3	5.263G	4	5.494G
5	5.369G	6	5.314G	7	5.717G	8	5.701G
9	5.617G	10	5.357G	11	5.446G	12	5.508G
13	5.606G	14	5.267G	15	5.353G	16	5.612G
17	5.532G	18	5.261G	19	5.567G	20	5.284G
21	5.406G	22	5.694G	23	5.672G	24	5.253G
25	5.279G	26	5.365G	27	5.536G	28	5.310G
29	5.420G	30	5.556G	31	5.544G	32	5.515G
33	5.321G	34	5.370G	35	5.252G	36	5.262G
37	5.519G	38	5.700G	39	5.305G	40	5.412G
41	5.282G	42	5.286G	43	5.607G	44	5.393G
45	5.629G	46	5.302G	47	5.375G	48	5.511G
49	5.304G	50	5.372G	51	5.601G	52	5.548G
53	5.513G	54	5.492G	55	5.325G	56	5.468G
57	5.379G	58	5.574G	59	5.561G	60	5.597G
61	5.516G	62	5.676G	63	5.649G	64	5.655G
65	5.427G	66	5.479G	67	5.404G	68	5.451G
69	5.459G	70	5.422G	71	5.270G	72	5.568G
73	5.613G	74	5.722G	75	5.666G	76	5.517G
77	5.326G	78	5.493G	79	5.470G	80	5.708G
81	5.331G	82	5.537G	83	5.289G	84	5.421G
85	5.455G	86	5.651G	87	5.356G	88	5.475G
89	5.620G	90	5.348G	91	5.669G	92	5.362G
93	5.430G	94	5.428G	95	5.390G	96	5.332G
97	5.628G	98	5.380G	99	5.342G	100	5.297G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.460G	2	5.608G	3	5.326G	4	5.370G
5	5.546G	6	5.666G	7	5.380G	8	5.308G
9	5.658G	10	5.384G	11	5.394G	12	5.359G
13	5.282G	14	5.314G	15	5.408G	16	5.256G
17	5.531G	18	5.284G	19	5.622G	20	5.515G
21	5.570G	22	5.569G	23	5.437G	24	5.618G
25	5.253G	26	5.356G	27	5.360G	28	5.376G
29	5.567G	30	5.321G	31	5.540G	32	5.529G
33	5.409G	34	5.692G	35	5.632G	36	5.532G
37	5.600G	38	5.478G	39	5.507G	40	5.349G
41	5.510G	42	5.494G	43	5.498G	44	5.659G
45	5.526G	46	5.481G	47	5.289G	48	5.276G
49	5.315G	50	5.364G	51	5.627G	52	5.586G
53	5.366G	54	5.430G	55	5.705G	56	5.431G
57	5.439G	58	5.300G	59	5.303G	60	5.487G
61	5.674G	62	5.639G	63	5.358G	64	5.268G
65	5.371G	66	5.698G	67	5.470G	68	5.378G
69	5.678G	70	5.291G	71	5.596G	72	5.561G
73	5.427G	74	5.552G	75	5.598G	76	5.533G
77	5.468G	78	5.415G	79	5.456G	80	5.475G
81	5.275G	82	5.272G	83	5.335G	84	5.482G
85	5.715G	86	5.634G	87	5.337G	88	5.373G
89	5.682G	90	5.584G	91	5.472G	92	5.571G
93	5.652G	94	5.484G	95	5.279G	96	5.433G
97	5.635G	98	5.578G	99	5.252G	100	5.543G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.471G	2	5.564G	3	5.273G	4	5.257G
5	5.486G	6	5.413G	7	5.556G	8	5.528G
9	5.475G	10	5.327G	11	5.406G	12	5.490G
13	5.650G	14	5.251G	15	5.685G	16	5.256G
17	5.707G	18	5.682G	19	5.723G	20	5.641G
21	5.283G	22	5.580G	23	5.532G	24	5.501G
25	5.540G	26	5.448G	27	5.403G	28	5.536G
29	5.489G	30	5.534G	31	5.625G	32	5.357G
33	5.414G	34	5.480G	35	5.620G	36	5.458G
37	5.559G	38	5.281G	39	5.675G	40	5.454G
41	5.483G	42	5.306G	43	5.484G	44	5.282G
45	5.270G	46	5.426G	47	5.344G	48	5.476G
49	5.397G	50	5.265G	51	5.445G	52	5.345G
53	5.443G	54	5.573G	55	5.388G	56	5.488G
57	5.310G	58	5.463G	59	5.592G	60	5.547G
61	5.259G	62	5.684G	63	5.425G	64	5.622G
65	5.531G	66	5.379G	67	5.452G	68	5.517G
69	5.392G	70	5.631G	71	5.314G	72	5.662G
73	5.649G	74	5.642G	75	5.269G	76	5.715G
77	5.436G	78	5.670G	79	5.274G	80	5.587G
81	5.402G	82	5.575G	83	5.524G	84	5.276G
85	5.503G	86	5.570G	87	5.431G	88	5.400G
89	5.598G	90	5.468G	91	5.494G	92	5.567G
93	5.569G	94	5.603G	95	5.718G	96	5.606G
97	5.554G	98	5.510G	99	5.705G	100	5.305G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.532G	2	5.614G	3	5.393G	4	5.390G
5	5.334G	6	5.337G	7	5.433G	8	5.451G
9	5.721G	10	5.629G	11	5.584G	12	5.642G
13	5.377G	14	5.413G	15	5.492G	16	5.331G
17	5.501G	18	5.295G	19	5.256G	20	5.517G
21	5.340G	22	5.444G	23	5.615G	24	5.650G
25	5.269G	26	5.693G	27	5.507G	28	5.712G
29	5.499G	30	5.719G	31	5.277G	32	5.342G
33	5.537G	34	5.284G	35	5.418G	36	5.399G
37	5.531G	38	5.613G	39	5.432G	40	5.699G
41	5.324G	42	5.441G	43	5.521G	44	5.325G
45	5.628G	46	5.638G	47	5.410G	48	5.252G
49	5.385G	50	5.274G	51	5.314G	52	5.639G
53	5.308G	54	5.686G	55	5.543G	56	5.346G
57	5.586G	58	5.414G	59	5.573G	60	5.439G
61	5.428G	62	5.333G	63	5.481G	64	5.717G
65	5.608G	66	5.612G	67	5.421G	68	5.386G
69	5.491G	70	5.684G	71	5.696G	72	5.431G
73	5.664G	74	5.409G	75	5.706G	76	5.715G
77	5.403G	78	5.276G	79	5.482G	80	5.500G
81	5.578G	82	5.630G	83	5.703G	84	5.262G
85	5.555G	86	5.583G	87	5.588G	88	5.670G
89	5.306G	90	5.718G	91	5.495G	92	5.270G
93	5.373G	94	5.534G	95	5.559G	96	5.474G
97	5.576G	98	5.716G	99	5.473G	100	5.551G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.394G	2	5.295G	3	5.501G	4	5.385G
5	5.591G	6	5.474G	7	5.484G	8	5.493G
9	5.698G	10	5.589G	11	5.292G	12	5.601G
13	5.419G	14	5.352G	15	5.353G	16	5.325G
17	5.519G	18	5.433G	19	5.320G	20	5.466G
21	5.434G	22	5.365G	23	5.480G	24	5.602G
25	5.711G	26	5.303G	27	5.542G	28	5.635G
29	5.665G	30	5.649G	31	5.562G	32	5.362G
33	5.654G	34	5.684G	35	5.280G	36	5.388G
37	5.270G	38	5.372G	39	5.291G	40	5.337G
41	5.495G	42	5.286G	43	5.656G	44	5.680G
45	5.612G	46	5.538G	47	5.526G	48	5.356G
49	5.514G	50	5.336G	51	5.622G	52	5.566G
53	5.578G	54	5.668G	55	5.505G	56	5.577G
57	5.343G	58	5.706G	59	5.463G	60	5.334G
61	5.339G	62	5.486G	63	5.695G	64	5.348G
65	5.613G	66	5.263G	67	5.639G	68	5.547G
69	5.456G	70	5.350G	71	5.423G	72	5.605G
73	5.415G	74	5.690G	75	5.721G	76	5.551G
77	5.623G	78	5.399G	79	5.626G	80	5.427G
81	5.568G	82	5.424G	83	5.677G	84	5.451G
85	5.584G	86	5.438G	87	5.317G	88	5.430G
89	5.469G	90	5.355G	91	5.543G	92	5.455G
93	5.459G	94	5.691G	95	5.575G	96	5.442G
97	5.397G	98	5.688G	99	5.511G	100	5.327G

**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	No
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	No
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	No
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	No
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	No
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 83.3 %

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	1.2u	170.0u	Yes
2	27	3.5u	152.0u	Yes
3	29	2.9u	226.0u	Yes
4	25	1.3u	172.0u	No
5	29	1.4u	172.0u	Yes
6	27	1.4u	188.0u	Yes
7	23	1.1u	187.0u	Yes
8	24	2.1u	150.0u	Yes
9	26	1.8u	198.0u	Yes
10	23	1.6u	158.0u	Yes
11	26	2.3u	183.0u	No
12	23	2.9u	189.0u	Yes
13	24	4.1u	176.0u	Yes
14	23	3.0u	221.0u	No
15	28	4.7u	204.0u	Yes
16	24	3.1u	194.0u	Yes
17	29	3.4u	201.0u	No
18	25	4.2u	221.0u	Yes
19	25	4.3u	203.0u	Yes
20	24	4.7u	189.0u	Yes
21	25	3.2u	207.0u	No
22	23	2.4u	151.0u	Yes
23	26	2.7u	202.0u	Yes
24	28	1.4u	185.0u	Yes
25	28	1.8u	175.0u	Yes
26	24	3.1u	164.0u	Yes
27	27	1.5u	162.0u	No
28	28	3.0u	213.0u	Yes
29	27	3.2u	168.0u	Yes
30	26	4.7u	213.0u	Yes
			Detection Rate: 80.0 %	

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	7.3u	273.0u	Yes
2	17	9.9u	320.0u	Yes
3	17	7.7u	398.0u	No
4	17	9.8u	214.0u	Yes
5	16	8.8u	230.0u	Yes
6	18	9.5u	499.0u	Yes
7	16	8.7u	444.0u	Yes
8	17	9.2u	496.0u	No
9	17	9.8u	218.0u	Yes
10	16	8.9u	369.0u	Yes
11	17	10.0u	254.0u	Yes
12	18	9.1u	204.0u	Yes
13	18	8.7u	337.0u	Yes
14	17	9.6u	460.0u	No
15	16	6.3u	207.0u	Yes
16	18	6.8u	367.0u	Yes
17	18	8.3u	420.0u	Yes
18	17	8.9u	252.0u	No
19	16	6.1u	476.0u	Yes
20	18	8.8u	364.0u	Yes
21	17	9.3u	462.0u	Yes
22	17	7.4u	356.0u	Yes
23	18	8.5u	488.0u	No
24	17	6.6u	447.0u	Yes
25	16	8.5u	329.0u	Yes
26	17	7.0u	232.0u	Yes
27	18	8.4u	283.0u	Yes
28	17	6.2u	353.0u	Yes
29	17	8.7u	372.0u	No
30	17	7.9u	349.0u	Yes
			Detection Rate: 80 %	

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	13.3u	400.0u	Yes
2	16	16.0u	231.0u	Yes
3	16	18.4u	445.0u	No
4	15	12.9u	209.0u	Yes
5	13	19.8u	264.0u	Yes
6	13	14.6u	395.0u	No
7	13	11.8u	344.0u	Yes
8	16	17.0u	402.0u	Yes
9	13	18.1u	403.0u	Yes
10	13	11.4u	447.0u	No
11	16	11.6u	438.0u	Yes
12	14	11.7u	434.0u	Yes
13	12	16.4u	338.0u	Yes
14	15	14.0u	316.0u	Yes
15	13	11.8u	246.0u	Yes
16	15	15.9u	298.0u	Yes
17	12	11.5u	466.0u	Yes
18	13	19.4u	447.0u	No
19	15	11.4u	434.0u	Yes
20	14	11.8u	277.0u	Yes
21	15	11.9u	389.0u	Yes
22	13	11.1u	323.0u	No
23	13	14.8u	481.0u	Yes
24	12	12.5u	331.0u	Yes
25	15	13.7u	232.0u	Yes
26	15	19.9u	335.0u	Yes
27	14	15.4u	223.0u	No
28	12	19.0u	232.0u	Yes
29	14	12.8u	407.0u	Yes
30	16	15.5u	324.0u	Yes
			Detection Rate: 80.0 %	

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	No
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	No
21	LP_Signal_21	Yes
22	LP_Signal_22	No
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	No
26	LP_Signal_26	Yes
27	LP_Signal_27	No
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 83.3 %

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	93.7u	1.905m	1.118m	577.7m
2	1	6M	77.6u	-	-	13.86m
3	1	6M	93.2u	-	-	524.8m
4	2	14M	64.3u	1.848m	-	504.9m
5	2	20M	52.3u	1.304m	-	139.9m
6	2	16M	62.6u	962.4u	-	536.6m
7	2	12M	74.8u	1.223m	-	14.86m
8	1	13M	99.0u	-	-	609.5m
9	3	18M	53.3u	1.761m	1.439m	375.6m
10	2	15M	83.0u	1.051m	-	236.1m
11	2	11M	59.1u	1.806m	-	180.7m
12	2	5M	78.9u	936.1u	-	499.4m
13	2	7M	88.1u	1.827m	-	638.2m
14	3	8M	86.7u	1.646m	1.385m	120.7m
15	2	18M	98.4u	1.607m	-	546.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	95.1u	1.286m	-	183.1m
2	3	18M	72.3u	1.390m	1.731m	370.9m
3	3	14M	78.5u	1.667m	1.649m	1.310
4	2	8M	58.8u	1.692m	-	1.129
5	1	14M	86.3u	-	-	1.084
6	2	6M	85.4u	1.290m	-	1.248
7	1	12M	56.8u	-	-	704.5m
8	1	11M	53.3u	-	-	939.7m
9	2	9M	88.4u	1.809m	-	147.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	76.5u	1.071m	-	582.7m
2	1	12M	57.9u	-	-	244.0m
3	2	7M	94.2u	961.8u	-	247.1m
4	1	6M	88.9u	-	-	679.6m
5	1	8M	91.5u	-	-	161.0m
6	1	6M	61.3u	-	-	556.4m
7	1	9M	50.4u	-	-	252.8m
8	3	12M	78.1u	1.648m	1.920m	548.1m
9	2	11M	74.8u	1.319m	-	537.1m
10	2	5M	61.7u	1.290m	-	411.2m
11	2	16M	50.8u	1.599m	-	333.1m
12	3	16M	56.3u	1.365m	976.7u	221.1m
13	3	19M	87.0u	1.194m	1.899m	333.1m
14	2	8M	94.2u	993.8u	-	656.7m
15	2	7M	97.2u	1.550m	-	48.87m
16	2	13M	83.3u	1.393m	-	420.4m
17	3	13M	67.8u	1.915m	1.010m	241.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	85.1u	1.647m	-	166.6m
2	2	18M	66.0u	1.295m	-	201.3m
3	3	19M	75.0u	1.924m	1.889m	600.2m
4	3	10M	60.6u	1.527m	1.379m	577.9m
5	3	16M	90.6u	1.656m	928.4u	497.6m
6	2	13M	65.7u	1.586m	-	180.9m
7	1	17M	97.8u	-	-	494.4m
8	3	19M	66.2u	1.420m	1.235m	58.29m
9	3	19M	79.2u	1.104m	953.8u	147.7m
10	1	13M	67.7u	-	-	496.6m
11	2	17M	57.4u	1.464m	-	208.3m
12	1	18M	76.3u	-	-	466.8m
13	1	10M	86.9u	-	-	73.45m
14	2	10M	92.7u	1.717m	-	350.2m
15	2	9M	60.7u	1.082m	-	503.2m
16	1	18M	96.3u	-	-	173.4m
17	1	19M	86.2u	-	-	584.0m
18	1	14M	96.0u	-	-	482.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	52.0u	1.207m	-	253.0m
2	1	19M	53.3u	-	-	161.8m
3	2	14M	74.3u	1.638m	-	423.5m
4	3	18M	90.2u	1.247m	1.330m	380.9m
5	2	11M	77.0u	1.635m	-	41.20m
6	3	20M	85.3u	1.462m	1.877m	578.9m
7	3	10M	72.3u	1.575m	1.277m	298.8m
8	2	16M	86.3u	1.778m	-	41.26m
9	3	8M	88.0u	1.588m	970.0u	257.1m
10	1	9M	51.6u	-	-	335.7m
11	2	19M	83.0u	1.001m	-	370.6m
12	2	12M	71.8u	1.901m	-	657.4m
13	1	5M	67.0u	-	-	625.7m
14	2	11M	64.4u	1.356m	-	288.5m
15	3	10M	87.7u	1.471m	1.758m	480.8m
16	2	10M	75.3u	1.506m	-	104.4m
17	1	18M	62.3u	-	-	70.39m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	71.1u	1.901m	1.347m	491.7m
2	3	8M	85.7u	1.464m	1.836m	715.9m
3	3	13M	66.9u	1.141m	1.222m	210.9m
4	1	18M	87.0u	-	-	136.4m
5	1	15M	79.9u	-	-	304.5m
6	3	18M	72.4u	1.790m	1.763m	296.2m
7	2	9M	77.6u	1.095m	-	58.80m
8	1	13M	68.7u	-	-	187.8m
9	2	13M	75.1u	1.330m	-	310.9m
10	1	5M	85.5u	-	-	456.3m
11	2	16M	59.8u	1.444m	-	684.1m
12	2	14M	67.7u	1.564m	-	292.2m
13	3	18M	99.1u	915.9u	1.686m	157.8m
14	3	12M	61.5u	961.5u	1.156m	153.1m
15	3	14M	87.8u	1.778m	1.053m	700.2m
16	1	20M	54.9u	-	-	518.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	54.4u	-	-	423.1m
2	1	15M	77.6u	-	-	908.1m
3	1	18M	66.8u	-	-	230.2m
4	3	8M	57.9u	1.700m	1.894m	619.9m
5	3	17M	73.3u	1.851m	1.212m	462.5m
6	3	19M	85.3u	1.613m	1.713m	96.53m
7	1	7M	64.1u	-	-	208.5m
8	2	7M	72.4u	1.134m	-	261.2m
9	1	8M	93.6u	-	-	239.2m
10	1	12M	83.3u	-	-	635.3m
11	3	7M	92.6u	939.4u	1.834m	886.2m
12	2	8M	75.5u	1.668m	-	709.4m
13	2	19M	89.8u	1.200m	-	160.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	95.4u	1.440m	1.794m	590.3m
2	3	14M	96.9u	1.546m	1.484m	345.1m
3	2	5M	89.4u	1.678m	-	545.8m
4	2	8M	79.5u	1.791m	-	642.3m
5	2	8M	77.5u	1.193m	-	671.1m
6	3	12M	63.2u	1.389m	1.679m	699.0m
7	3	12M	98.8u	1.175m	936.2u	491.6m
8	2	16M	88.5u	1.125m	-	893.1m
9	2	12M	55.2u	1.681m	-	624.0m
10	2	5M	57.7u	1.014m	-	879.7m
11	2	12M	67.5u	1.012m	-	600.1m
12	3	12M	50.0u	1.611m	1.418m	645.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	79.4u	1.367m	-	658.7m
2	3	5M	66.7u	1.449m	1.319m	769.6m
3	3	11M	77.8u	1.259m	1.149m	200.5m
4	1	11M	71.8u	-	-	706.5m
5	2	8M	58.7u	1.078m	-	529.3m
6	2	19M	92.4u	1.254m	-	12.20m
7	2	17M	84.7u	930.3u	-	341.1m
8	2	14M	97.3u	971.7u	-	642.8m
9	1	14M	50.1u	-	-	161.4m
10	3	19M	56.8u	1.173m	1.864m	242.3m
11	3	14M	50.2u	1.434m	1.687m	291.8m
12	2	10M	63.5u	1.588m	-	211.5m
13	1	14M	84.9u	-	-	699.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	54.9u	1.483m	1.228m	465.9m
2	2	10M	86.7u	1.106m	-	376.7m
3	2	12M	53.2u	1.588m	-	628.7m
4	1	6M	62.5u	-	-	746.3m
5	3	11M	95.2u	1.761m	1.164m	94.01m
6	2	11M	58.5u	1.312m	-	133.0m
7	2	19M	69.0u	979.0u	-	794.0m
8	1	15M	73.8u	-	-	671.4m
9	1	10M	83.5u	-	-	43.44m
10	2	18M	64.1u	1.074m	-	170.3m
11	3	8M	87.5u	1.901m	1.496m	639.3m
12	1	13M	77.2u	-	-	451.2m
13	2	9M	80.8u	1.574m	-	513.7m
14	2	9M	74.5u	1.310m	-	7.887m
15	3	8M	87.0u	1.019m	970.0u	745.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	85.2u	1.787m	991.8u	684.0m
2	2	8M	78.0u	959.0u	-	593.0m
3	1	12M	95.8u	-	-	358.4m
4	2	16M	63.3u	1.297m	-	505.3m
5	3	20M	89.7u	1.505m	1.777m	108.0m
6	2	17M	63.6u	1.705m	-	517.2m
7	2	5M	51.8u	1.824m	-	149.3m
8	1	18M	94.8u	-	-	16.39m
9	3	20M	67.5u	961.5u	1.161m	503.0m
10	3	16M	75.8u	1.093m	1.033m	74.49m
11	2	16M	85.2u	1.751m	-	144.5m
12	1	5M	61.4u	-	-	690.0m
13	2	16M	79.8u	1.268m	-	364.8m
14	2	16M	50.6u	1.189m	-	353.7m
15	2	9M	90.3u	1.173m	-	640.1m
16	1	13M	79.5u	-	-	194.3m
17	2	7M	99.6u	1.806m	-	343.0m

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	2	12M	54.5u	1.520m	-	651.5m
2	1	9M	88.9u	-	-	382.1m
3	3	20M	53.4u	1.892m	1.021m	767.4m
4	2	8M	82.7u	958.3u	-	45.24m
5	3	19M	81.2u	1.070m	1.674m	929.7m
6	2	6M	70.4u	953.6u	-	77.11m
7	2	7M	69.4u	1.602m	-	80.34m
8	3	9M	53.1u	1.322m	1.786m	884.0m
9	3	15M	53.1u	1.271m	1.406m	173.8m
10	1	9M	87.8u	-	-	1.060
11	2	19M	74.6u	1.835m	-	531.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
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	15M	52.9u	1.621m	-	625.7m
2	2	7M	59.7u	1.712m	-	367.9m
3	3	18M	50.3u	1.711m	1.501m	479.5m
4	1	8M	69.9u	-	-	23.63m
5	1	18M	93.6u	-	-	128.2m
6	3	16M	58.2u	1.080m	1.786m	439.1m
7	2	7M	86.6u	970.4u	-	361.4m
8	1	19M	79.9u	-	-	112.8m
9	3	20M	54.7u	1.353m	1.361m	644.4m
10	1	16M	98.0u	-	-	764.5m
11	2	11M	67.4u	1.925m	-	567.6m
12	2	17M	52.2u	1.297m	-	126.0m
13	2	10M	59.6u	1.843m	-	457.8m
14	1	9M	61.4u	-	-	791.6m
15	1	6M	73.5u	-	-	254.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	66.0u	1.878m	-	199.0m
2	2	18M	55.9u	1.294m	-	1.167
3	2	10M	90.4u	1.065m	-	17.11m
4	1	7M	86.5u	-	-	100.7m
5	1	14M	68.4u	-	-	956.0m
6	2	17M	67.7u	1.815m	-	456.5m
7	2	8M	87.0u	1.754m	-	1.011
8	2	16M	61.3u	1.507m	-	185.0m
9	3	10M	61.3u	1.787m	1.451m	32.63m
10	1	5M	69.1u	-	-	771.7m

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	17M	73.2u	1.581m	-	579.7m
2	1	17M	70.6u	-	-	320.6m
3	1	12M	98.7u	-	-	1.273
4	2	18M	64.5u	1.080m	-	904.6m
5	3	11M	57.8u	1.257m	1.892m	836.9m
6	2	8M	69.5u	1.550m	-	995.4m
7	3	6M	91.6u	1.635m	1.825m	329.9m
8	3	18M	82.4u	934.6u	948.6u	72.11m
9	2	17M	89.1u	1.401m	-	591.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	73.7u	-	-	164.4m
2	2	12M	62.0u	1.749m	-	124.9m
3	1	20M	72.1u	-	-	589.3m
4	1	20M	66.3u	-	-	191.7m
5	2	15M	98.8u	1.747m	-	164.1m
6	2	16M	66.4u	1.802m	-	395.8m
7	2	5M	99.4u	1.508m	-	667.6m
8	2	6M	66.2u	1.900m	-	426.2m
9	2	15M	77.1u	1.315m	-	281.6m
10	1	15M	72.4u	-	-	448.1m
11	2	15M	88.2u	1.729m	-	135.9m
12	3	8M	81.0u	1.200m	1.377m	521.4m
13	1	17M	97.8u	-	-	100.1m
14	2	10M	53.0u	1.210m	-	625.0m

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	5M	79.2u	1.843m	-	537.7m
2	3	11M	56.5u	1.565m	1.449m	555.6m
3	3	16M	89.2u	1.160m	1.599m	82.48m
4	2	8M	67.2u	1.456m	-	471.6m
5	2	8M	75.5u	1.920m	-	23.91m
6	1	11M	59.4u	-	-	502.6m
7	3	19M	93.0u	1.206m	1.526m	11.05m
8	1	7M	93.5u	-	-	719.7m
9	2	8M	64.3u	1.765m	-	401.2m
10	3	18M	89.0u	1.236m	980.0u	557.2m
11	3	16M	87.8u	1.598m	1.621m	652.6m
12	3	18M	74.7u	1.723m	1.800m	602.4m
13	3	11M	97.9u	1.133m	1.124m	421.6m
14	3	6M	87.9u	1.112m	1.828m	224.6m
15	3	14M	95.1u	1.347m	1.110m	546.6m
16	2	18M	81.1u	1.865m	-	67.48m

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	1	12M	69.4u	-	-	150.1m
2	1	13M	59.6u	-	-	47.67m
3	2	17M	75.6u	1.022m	-	232.5m
4	2	6M	85.0u	1.584m	-	55.13m
5	3	14M	89.3u	1.686m	1.801m	578.8m
6	1	16M	55.9u	-	-	215.4m
7	2	7M	60.8u	1.450m	-	612.2m
8	2	7M	97.6u	1.078m	-	673.9m
9	1	5M	63.2u	-	-	550.9m
10	2	13M	54.0u	1.550m	-	47.59m
11	1	17M	78.3u	-	-	371.3m
12	3	9M	98.3u	1.350m	1.006m	356.7m
13	2	5M	60.9u	1.584m	-	1.109m
14	3	16M	53.4u	1.448m	1.582m	418.3m
15	2	10M	86.7u	1.486m	-	370.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	5M	71.2u	1.410m	1.662m	388.1m
2	1	16M	74.8u	-	-	386.5m
3	1	9M	83.4u	-	-	872.1m
4	3	6M	92.0u	1.512m	1.537m	360.2m
5	2	5M	70.5u	1.839m	-	707.5m
6	2	7M	85.1u	1.370m	-	89.23m
7	3	19M	59.2u	1.694m	1.834m	522.6m
8	3	8M	61.8u	1.862m	1.197m	660.6m
9	2	16M	77.0u	1.282m	-	715.2m
10	1	19M	95.7u	-	-	920.8m
11	1	17M	82.1u	-	-	188.5m
12	2	17M	92.9u	1.678m	-	24.10m

Long Pulse Radar Test Signal

Test Signal Name: LP\_Signal\_20

Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chirp (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	52.2u	-	-	949.1m
2	2	17M	68.1u	1.046m	-	844.4m
3	2	18M	91.4u	1.169m	-	562.9m
4	3	13M	82.7u	1.363m	1.373m	374.0m
5	3	19M	55.0u	1.486m	1.704m	792.7m
6	2	13M	75.4u	1.093m	-	307.5m
7	3	9M	84.0u	1.851m	1.104m	259.1m
8	2	18M	90.5u	1.286m	-	953.4m
9	2	11M	97.1u	1.533m	-	155.1m
10	3	11M	71.6u	1.223m	1.840m	166.9m
11	2	6M	51.8u	1.899m	-	869.4m
12	1	15M	83.8u	-	-	34.78m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
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	17M	81.0u	1.150m	-	116.3m
2	3	7M	64.6u	1.484m	1.722m	727.9m
3	2	9M	73.2u	1.597m	-	446.2m
4	3	10M	95.5u	1.704m	1.462m	663.0m
5	3	13M	59.5u	1.082m	1.510m	74.78m
6	1	19M	93.3u	-	-	325.1m
7	1	12M	63.8u	-	-	336.4m
8	1	16M	76.1u	-	-	430.5m
9	2	15M	63.9u	1.749m	-	573.1m
10	1	12M	51.9u	-	-	608.6m
11	2	6M	71.5u	1.646m	-	341.8m
12	2	7M	96.7u	1.560m	-	394.5m
13	1	19M	78.7u	-	-	25.99m
14	3	16M	60.7u	1.409m	1.217m	488.8m
15	1	13M	99.4u	-	-	620.3m
16	2	18M	96.5u	1.435m	-	91.82m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	7M	55.8u	-	-	404.4m
2	1	15M	75.3u	-	-	1.006
3	2	12M	65.2u	1.353m	-	439.9m
4	2	8M	73.2u	1.840m	-	569.7m
5	2	14M	71.7u	1.023m	-	561.5m
6	2	7M	56.0u	1.036m	-	637.5m
7	3	16M	56.8u	1.023m	1.147m	918.4m
8	1	13M	72.9u	-	-	672.3m
9	2	19M	54.0u	1.112m	-	566.6m
10	3	7M	71.1u	1.702m	1.702m	369.7m
11	3	6M	60.1u	1.850m	1.029m	1.065

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	95.2u	-	-	472.3m
2	2	5M	89.5u	1.783m	-	43.52m
3	1	9M	79.0u	-	-	989.3m
4	1	18M	76.3u	-	-	263.4m
5	3	5M	77.0u	1.645m	1.224m	348.6m
6	2	19M	76.6u	1.257m	-	815.8m
7	2	16M	85.0u	1.043m	-	140.3m
8	2	11M	92.4u	1.894m	-	560.6m
9	2	5M	80.1u	1.425m	-	274.0m
10	2	11M	98.7u	1.742m	-	192.7m
11	3	18M	82.2u	1.731m	928.8u	341.7m
12	1	20M	92.5u	-	-	273.6m

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	2	10M	78.8u	1.515m	-	75.67m
2	2	19M	84.3u	1.312m	-	221.1m
3	2	11M	85.9u	1.193m	-	595.0m
4	2	12M	84.8u	1.274m	-	369.0m
5	3	9M	64.8u	1.826m	1.473m	395.1m
6	2	9M	87.6u	1.088m	-	218.6m
7	2	11M	97.9u	1.473m	-	352.9m
8	2	6M	75.5u	1.102m	-	162.6m
9	3	17M	76.7u	1.366m	1.339m	326.7m
10	1	9M	76.5u	-	-	72.95m
11	2	6M	52.6u	1.226m	-	345.8m
12	3	9M	74.9u	1.833m	1.847m	330.5m
13	2	10M	84.5u	1.475m	-	608.3m
14	1	16M	90.8u	-	-	627.5m
15	2	13M	87.1u	1.661m	-	587.9m
16	1	17M	71.7u	-	-	495.1m
17	3	5M	89.0u	1.282m	1.790m	189.9m
18	3	13M	98.5u	1.739m	1.383m	621.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	93.4u	1.547m	-	696.6m
2	3	19M	68.3u	1.010m	1.880m	373.6m
3	2	17M	70.9u	1.806m	-	836.2m
4	2	17M	74.3u	1.173m	-	4.961m
5	1	12M	60.6u	-	-	141.9m
6	3	18M	69.7u	1.897m	1.859m	674.5m
7	1	16M	89.3u	-	-	673.5m
8	2	13M	83.4u	1.483m	-	701.3m
9	2	19M	55.7u	1.336m	-	214.0m
10	2	14M	71.5u	1.847m	-	836.2m
11	1	6M	52.0u	-	-	686.3m
12	2	13M	75.3u	1.348m	-	785.1m
13	3	20M	70.0u	1.126m	1.619m	260.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	69.5u	1.798m	1.302m	996.9m
2	1	15M	52.4u	-	-	573.7m
3	3	14M	85.5u	1.801m	964.5u	850.6m
4	2	17M	85.3u	1.218m	-	817.1m
5	3	19M	78.4u	1.812m	1.032m	371.1m
6	1	6M	94.9u	-	-	749.6m
7	3	19M	58.1u	1.531m	1.469m	378.1m
8	3	9M	98.2u	1.749m	1.230m	849.8m
9	1	20M	70.0u	-	-	629.2m
10	2	13M	99.2u	1.442m	-	21.80m

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	3	15M	67.9u	1.077m	1.586m	642.2m
2	2	8M	59.2u	1.317m	-	127.0m
3	2	16M	97.7u	1.689m	-	353.1m
4	2	9M	73.0u	1.718m	-	538.3m
5	2	15M	61.1u	1.348m	-	1.003
6	2	13M	68.9u	1.421m	-	12.76m
7	2	18M	90.8u	972.2u	-	467.0m
8	1	19M	80.8u	-	-	1.053

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	15M	65.5u	1.335m	-	136.2m
2	2	19M	61.6u	1.737m	-	850.4m
3	2	14M	73.3u	1.230m	-	487.9m
4	2	6M	99.4u	1.618m	-	650.0m
5	2	10M	92.7u	1.591m	-	204.9m
6	2	7M	77.3u	1.170m	-	345.4m
7	2	12M	97.2u	1.777m	-	12.65m
8	1	14M	81.2u	-	-	142.3m
9	2	15M	92.6u	1.359m	-	529.8m
10	1	11M	71.2u	-	-	726.7m
11	1	16M	62.7u	-	-	73.65m
12	1	18M	52.3u	-	-	624.8m
13	1	11M	81.8u	-	-	14.34m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	80.4u	-	-	742.6m
2	1	10M	99.4u	-	-	1.131
3	2	7M	62.0u	1.417m	-	714.7m
4	1	19M	77.8u	-	-	679.1m
5	2	14M	66.6u	1.165m	-	363.0m
6	2	14M	86.2u	1.865m	-	1.037
7	2	11M	77.7u	1.286m	-	214.1m
8	3	12M	61.7u	1.087m	1.262m	410.3m
9	2	14M	70.1u	1.446m	-	100.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	93.7u	1.725m	-	880.9m
2	2	10M	60.0u	1.533m	-	352.9m
3	2	15M	58.8u	1.050m	-	608.9m
4	1	18M	65.0u	-	-	431.0m
5	3	16M	83.6u	1.861m	1.784m	167.7m
6	1	9M	64.9u	-	-	739.9m
7	2	9M	55.8u	1.536m	-	906.7m
8	3	12M	77.2u	1.360m	1.070m	387.2m
9	2	11M	75.4u	1.114m	-	308.2m
10	1	8M	95.7u	-	-	757.5m
11	3	20M	84.8u	938.2u	1.292m	522.8m
12	3	13M	76.7u	1.019m	1.015m	570.0m

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	No
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	No
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	No
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	No
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	No
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
			Detection Rate: 83.3 %	

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	No
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	No
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	No
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	No
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	No
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 83.3 %

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.417G	2	5.365G	3	5.505G	4	5.680G
5	5.278G	6	5.535G	7	5.566G	8	5.291G
9	5.588G	10	5.617G	11	5.413G	12	5.657G
13	5.274G	14	5.298G	15	5.422G	16	5.558G
17	5.691G	18	5.717G	19	5.599G	20	5.397G
21	5.283G	22	5.288G	23	5.435G	24	5.620G
25	5.697G	26	5.377G	27	5.350G	28	5.618G
29	5.653G	30	5.689G	31	5.486G	32	5.469G
33	5.645G	34	5.297G	35	5.438G	36	5.508G
37	5.292G	38	5.690G	39	5.418G	40	5.310G
41	5.532G	42	5.453G	43	5.542G	44	5.345G
45	5.410G	46	5.387G	47	5.534G	48	5.456G
49	5.511G	50	5.668G	51	5.543G	52	5.514G
53	5.302G	54	5.718G	55	5.587G	56	5.540G
57	5.561G	58	5.670G	59	5.256G	60	5.396G
61	5.674G	62	5.448G	63	5.489G	64	5.403G
65	5.357G	66	5.520G	67	5.277G	68	5.493G
69	5.612G	70	5.394G	71	5.414G	72	5.560G
73	5.427G	74	5.296G	75	5.632G	76	5.330G
77	5.400G	78	5.600G	79	5.276G	80	5.459G
81	5.515G	82	5.388G	83	5.685G	84	5.367G
85	5.333G	86	5.570G	87	5.275G	88	5.655G
89	5.426G	90	5.268G	91	5.630G	92	5.592G
93	5.672G	94	5.687G	95	5.303G	96	5.416G
97	5.262G	98	5.659G	99	5.565G	100	5.304G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.329G	2	5.500G	3	5.468G	4	5.462G
5	5.395G	6	5.471G	7	5.438G	8	5.359G
9	5.451G	10	5.440G	11	5.563G	12	5.326G
13	5.365G	14	5.709G	15	5.295G	16	5.252G
17	5.278G	18	5.372G	19	5.474G	20	5.467G
21	5.671G	22	5.412G	23	5.432G	24	5.470G
25	5.539G	26	5.545G	27	5.548G	28	5.357G
29	5.575G	30	5.634G	31	5.478G	32	5.433G
33	5.392G	34	5.616G	35	5.531G	36	5.626G
37	5.420G	38	5.453G	39	5.279G	40	5.448G
41	5.376G	42	5.298G	43	5.720G	44	5.266G
45	5.258G	46	5.287G	47	5.587G	48	5.642G
49	5.434G	50	5.606G	51	5.599G	52	5.331G
53	5.608G	54	5.701G	55	5.328G	56	5.657G
57	5.658G	58	5.323G	59	5.320G	60	5.536G
61	5.509G	62	5.655G	63	5.507G	64	5.459G
65	5.405G	66	5.520G	67	5.273G	68	5.375G
69	5.679G	70	5.724G	71	5.501G	72	5.542G
73	5.262G	74	5.522G	75	5.494G	76	5.653G
77	5.554G	78	5.537G	79	5.502G	80	5.613G
81	5.578G	82	5.628G	83	5.513G	84	5.290G
85	5.445G	86	5.719G	87	5.633G	88	5.625G
89	5.602G	90	5.686G	91	5.348G	92	5.636G
93	5.418G	94	5.294G	95	5.492G	96	5.708G
97	5.516G	98	5.620G	99	5.406G	100	5.274G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.437G	2	5.315G	3	5.648G	4	5.318G
5	5.295G	6	5.433G	7	5.426G	8	5.378G
9	5.354G	10	5.339G	11	5.435G	12	5.516G
13	5.572G	14	5.383G	15	5.694G	16	5.436G
17	5.452G	18	5.692G	19	5.682G	20	5.609G
21	5.342G	22	5.548G	23	5.278G	24	5.608G
25	5.385G	26	5.559G	27	5.489G	28	5.611G
29	5.702G	30	5.450G	31	5.503G	32	5.325G
33	5.291G	34	5.504G	35	5.528G	36	5.545G
37	5.374G	38	5.459G	39	5.621G	40	5.602G
41	5.360G	42	5.250G	43	5.480G	44	5.560G
45	5.709G	46	5.482G	47	5.425G	48	5.690G
49	5.376G	50	5.395G	51	5.366G	52	5.445G
53	5.613G	54	5.365G	55	5.292G	56	5.556G
57	5.268G	58	5.635G	59	5.584G	60	5.645G
61	5.303G	62	5.434G	63	5.698G	64	5.443G
65	5.552G	66	5.388G	67	5.288G	68	5.348G
69	5.642G	70	5.593G	71	5.542G	72	5.273G
73	5.508G	74	5.657G	75	5.401G	76	5.282G
77	5.555G	78	5.588G	79	5.270G	80	5.306G
81	5.251G	82	5.263G	83	5.533G	84	5.496G
85	5.299G	86	5.646G	87	5.486G	88	5.497G
89	5.558G	90	5.485G	91	5.707G	92	5.336G
93	5.267G	94	5.397G	95	5.599G	96	5.568G
97	5.597G	98	5.371G	99	5.691G	100	5.703G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.538G	2	5.346G	3	5.603G	4	5.393G
5	5.259G	6	5.573G	7	5.606G	8	5.608G
9	5.605G	10	5.685G	11	5.703G	12	5.508G
13	5.400G	14	5.372G	15	5.252G	16	5.449G
17	5.643G	18	5.676G	19	5.568G	20	5.567G
21	5.592G	22	5.257G	23	5.583G	24	5.276G
25	5.435G	26	5.496G	27	5.430G	28	5.442G
29	5.501G	30	5.473G	31	5.591G	32	5.694G
33	5.355G	34	5.411G	35	5.667G	36	5.290G
37	5.348G	38	5.511G	39	5.311G	40	5.612G
41	5.646G	42	5.565G	43	5.313G	44	5.292G
45	5.448G	46	5.405G	47	5.434G	48	5.693G
49	5.308G	50	5.682G	51	5.475G	52	5.639G
53	5.314G	54	5.687G	55	5.431G	56	5.357G
57	5.710G	58	5.637G	59	5.369G	60	5.678G
61	5.319G	62	5.506G	63	5.577G	64	5.505G
65	5.342G	66	5.669G	67	5.686G	68	5.498G
69	5.569G	70	5.326G	71	5.696G	72	5.515G
73	5.486G	74	5.482G	75	5.621G	76	5.662G
77	5.670G	78	5.361G	79	5.590G	80	5.616G
81	5.322G	82	5.274G	83	5.536G	84	5.273G
85	5.406G	86	5.441G	87	5.412G	88	5.541G
89	5.368G	90	5.333G	91	5.586G	92	5.440G
93	5.297G	94	5.617G	95	5.343G	96	5.456G
97	5.407G	98	5.647G	99	5.547G	100	5.450G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.353G	2	5.407G	3	5.363G	4	5.351G
5	5.250G	6	5.611G	7	5.678G	8	5.553G
9	5.303G	10	5.720G	11	5.309G	12	5.282G
13	5.295G	14	5.398G	15	5.362G	16	5.411G
17	5.606G	18	5.342G	19	5.490G	20	5.506G
21	5.311G	22	5.371G	23	5.340G	24	5.525G
25	5.421G	26	5.461G	27	5.558G	28	5.278G
29	5.582G	30	5.588G	31	5.445G	32	5.609G
33	5.538G	34	5.375G	35	5.292G	36	5.492G
37	5.570G	38	5.275G	39	5.410G	40	5.289G
41	5.687G	42	5.298G	43	5.387G	44	5.296G
45	5.314G	46	5.493G	47	5.293G	48	5.272G
49	5.621G	50	5.638G	51	5.333G	52	5.276G
53	5.533G	54	5.380G	55	5.354G	56	5.605G
57	5.463G	58	5.308G	59	5.337G	60	5.630G
61	5.405G	62	5.383G	63	5.434G	64	5.465G
65	5.479G	66	5.428G	67	5.399G	68	5.659G
69	5.373G	70	5.586G	71	5.498G	72	5.335G
73	5.610G	74	5.315G	75	5.283G	76	5.569G
77	5.432G	78	5.580G	79	5.377G	80	5.438G
81	5.568G	82	5.422G	83	5.466G	84	5.532G
85	5.514G	86	5.291G	87	5.370G	88	5.489G
89	5.267G	90	5.527G	91	5.350G	92	5.447G
93	5.686G	94	5.281G	95	5.683G	96	5.252G
97	5.469G	98	5.596G	99	5.258G	100	5.323G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.492G	2	5.419G	3	5.647G	4	5.723G
5	5.511G	6	5.423G	7	5.585G	8	5.518G
9	5.468G	10	5.388G	11	5.690G	12	5.410G
13	5.692G	14	5.394G	15	5.442G	16	5.370G
17	5.477G	18	5.457G	19	5.598G	20	5.582G
21	5.384G	22	5.552G	23	5.602G	24	5.336G
25	5.319G	26	5.318G	27	5.268G	28	5.638G
29	5.550G	30	5.608G	31	5.300G	32	5.600G
33	5.528G	34	5.597G	35	5.636G	36	5.689G
37	5.663G	38	5.548G	39	5.296G	40	5.264G
41	5.399G	42	5.705G	43	5.628G	44	5.524G
45	5.681G	46	5.437G	47	5.441G	48	5.699G
49	5.679G	50	5.379G	51	5.424G	52	5.463G
53	5.260G	54	5.680G	55	5.440G	56	5.258G
57	5.412G	58	5.454G	59	5.565G	60	5.555G
61	5.523G	62	5.615G	63	5.274G	64	5.265G
65	5.378G	66	5.470G	67	5.255G	68	5.500G
69	5.641G	70	5.363G	71	5.433G	72	5.570G
73	5.337G	74	5.611G	75	5.667G	76	5.356G
77	5.346G	78	5.581G	79	5.426G	80	5.451G
81	5.537G	82	5.343G	83	5.610G	84	5.267G
85	5.415G	86	5.539G	87	5.450G	88	5.431G
89	5.287G	90	5.357G	91	5.642G	92	5.335G
93	5.277G	94	5.345G	95	5.557G	96	5.559G
97	5.622G	98	5.316G	99	5.674G	100	5.286G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.647G	2	5.299G	3	5.287G	4	5.504G
5	5.400G	6	5.526G	7	5.666G	8	5.646G
9	5.686G	10	5.383G	11	5.711G	12	5.511G
13	5.301G	14	5.377G	15	5.450G	16	5.417G
17	5.516G	18	5.432G	19	5.426G	20	5.357G
21	5.718G	22	5.609G	23	5.404G	24	5.533G
25	5.702G	26	5.365G	27	5.349G	28	5.364G
29	5.603G	30	5.561G	31	5.446G	32	5.315G
33	5.373G	34	5.350G	35	5.594G	36	5.336G
37	5.256G	38	5.288G	39	5.688G	40	5.513G
41	5.601G	42	5.273G	43	5.695G	44	5.651G
45	5.323G	46	5.559G	47	5.416G	48	5.582G
49	5.712G	50	5.482G	51	5.427G	52	5.290G
53	5.276G	54	5.595G	55	5.317G	56	5.328G
57	5.413G	58	5.396G	59	5.611G	60	5.565G
61	5.593G	62	5.534G	63	5.335G	64	5.269G
65	5.710G	66	5.676G	67	5.331G	68	5.525G
69	5.583G	70	5.379G	71	5.506G	72	5.481G
73	5.660G	74	5.268G	75	5.637G	76	5.326G
77	5.407G	78	5.395G	79	5.569G	80	5.334G
81	5.267G	82	5.608G	83	5.461G	84	5.485G
85	5.320G	86	5.306G	87	5.549G	88	5.261G
89	5.454G	90	5.639G	91	5.703G	92	5.319G
93	5.644G	94	5.597G	95	5.480G	96	5.260G
97	5.382G	98	5.392G	99	5.624G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.444G	2	5.318G	3	5.351G	4	5.692G
5	5.703G	6	5.287G	7	5.254G	8	5.306G
9	5.473G	10	5.358G	11	5.300G	12	5.547G
13	5.588G	14	5.428G	15	5.670G	16	5.561G
17	5.520G	18	5.682G	19	5.481G	20	5.610G
21	5.614G	22	5.385G	23	5.605G	24	5.700G
25	5.615G	26	5.252G	27	5.617G	28	5.631G
29	5.423G	30	5.634G	31	5.434G	32	5.471G
33	5.478G	34	5.286G	35	5.421G	36	5.526G
37	5.357G	38	5.475G	39	5.370G	40	5.702G
41	5.435G	42	5.337G	43	5.627G	44	5.488G
45	5.645G	46	5.366G	47	5.502G	48	5.439G
49	5.654G	50	5.387G	51	5.623G	52	5.474G
53	5.324G	54	5.322G	55	5.515G	56	5.581G
57	5.263G	58	5.710G	59	5.251G	60	5.319G
61	5.285G	62	5.333G	63	5.325G	64	5.684G
65	5.501G	66	5.559G	67	5.266G	68	5.422G
69	5.697G	70	5.290G	71	5.706G	72	5.644G
73	5.539G	74	5.696G	75	5.416G	76	5.463G
77	5.383G	78	5.518G	79	5.253G	80	5.562G
81	5.668G	82	5.332G	83	5.618G	84	5.584G
85	5.347G	86	5.652G	87	5.447G	88	5.628G
89	5.312G	90	5.403G	91	5.603G	92	5.400G
93	5.597G	94	5.386G	95	5.598G	96	5.699G
97	5.658G	98	5.495G	99	5.651G	100	5.653G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.651G	2	5.354G	3	5.689G	4	5.599G
5	5.711G	6	5.602G	7	5.707G	8	5.526G
9	5.331G	10	5.285G	11	5.279G	12	5.703G
13	5.559G	14	5.382G	15	5.498G	16	5.682G
17	5.480G	18	5.625G	19	5.502G	20	5.646G
21	5.521G	22	5.584G	23	5.422G	24	5.295G
25	5.337G	26	5.716G	27	5.548G	28	5.713G
29	5.401G	30	5.522G	31	5.461G	32	5.492G
33	5.427G	34	5.583G	35	5.284G	36	5.321G
37	5.363G	38	5.352G	39	5.659G	40	5.342G
41	5.668G	42	5.277G	43	5.455G	44	5.490G
45	5.335G	46	5.309G	47	5.506G	48	5.649G
49	5.561G	50	5.669G	51	5.469G	52	5.432G
53	5.680G	54	5.554G	55	5.298G	56	5.523G
57	5.672G	58	5.343G	59	5.621G	60	5.435G
61	5.623G	62	5.553G	63	5.635G	64	5.597G
65	5.259G	66	5.407G	67	5.588G	68	5.387G
69	5.648G	70	5.562G	71	5.269G	72	5.664G
73	5.397G	74	5.477G	75	5.304G	76	5.291G
77	5.272G	78	5.283G	79	5.483G	80	5.608G
81	5.687G	82	5.573G	83	5.662G	84	5.613G
85	5.641G	86	5.636G	87	5.392G	88	5.406G
89	5.572G	90	5.535G	91	5.266G	92	5.440G
93	5.629G	94	5.720G	95	5.282G	96	5.719G
97	5.369G	98	5.685G	99	5.622G	100	5.655G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.318G	2	5.290G	3	5.722G	4	5.458G
5	5.661G	6	5.662G	7	5.681G	8	5.411G
9	5.649G	10	5.343G	11	5.392G	12	5.713G
13	5.275G	14	5.486G	15	5.671G	16	5.429G
17	5.568G	18	5.279G	19	5.375G	20	5.274G
21	5.269G	22	5.615G	23	5.374G	24	5.640G
25	5.287G	26	5.515G	27	5.592G	28	5.512G
29	5.419G	30	5.476G	31	5.336G	32	5.280G
33	5.441G	34	5.561G	35	5.509G	36	5.596G
37	5.456G	38	5.553G	39	5.581G	40	5.630G
41	5.692G	42	5.297G	43	5.711G	44	5.460G
45	5.453G	46	5.540G	47	5.329G	48	5.312G
49	5.699G	50	5.371G	51	5.635G	52	5.520G
53	5.504G	54	5.322G	55	5.490G	56	5.472G
57	5.633G	58	5.618G	59	5.524G	60	5.334G
61	5.565G	62	5.502G	63	5.395G	64	5.365G
65	5.606G	66	5.440G	67	5.707G	68	5.621G
69	5.724G	70	5.715G	71	5.660G	72	5.531G
73	5.300G	74	5.659G	75	5.373G	76	5.704G
77	5.698G	78	5.367G	79	5.425G	80	5.270G
81	5.483G	82	5.436G	83	5.575G	84	5.445G
85	5.327G	86	5.583G	87	5.517G	88	5.697G
89	5.527G	90	5.571G	91	5.250G	92	5.529G
93	5.688G	94	5.521G	95	5.634G	96	5.644G
97	5.444G	98	5.519G	99	5.426G	100	5.385G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.508G	2	5.511G	3	5.579G	4	5.270G
5	5.578G	6	5.439G	7	5.374G	8	5.277G
9	5.420G	10	5.645G	11	5.488G	12	5.289G
13	5.685G	14	5.592G	15	5.533G	16	5.601G
17	5.679G	18	5.412G	19	5.321G	20	5.612G
21	5.503G	22	5.501G	23	5.568G	24	5.399G
25	5.333G	26	5.464G	27	5.590G	28	5.719G
29	5.434G	30	5.348G	31	5.565G	32	5.531G
33	5.328G	34	5.433G	35	5.309G	36	5.490G
37	5.380G	38	5.515G	39	5.307G	40	5.457G
41	5.573G	42	5.536G	43	5.566G	44	5.444G
45	5.507G	46	5.526G	47	5.711G	48	5.396G
49	5.442G	50	5.638G	51	5.443G	52	5.292G
53	5.630G	54	5.615G	55	5.265G	56	5.644G
57	5.262G	58	5.669G	59	5.450G	60	5.495G
61	5.456G	62	5.467G	63	5.316G	64	5.550G
65	5.297G	66	5.624G	67	5.635G	68	5.493G
69	5.680G	70	5.561G	71	5.322G	72	5.716G
73	5.401G	74	5.483G	75	5.545G	76	5.529G
77	5.485G	78	5.470G	79	5.683G	80	5.299G
81	5.676G	82	5.482G	83	5.394G	84	5.415G
85	5.625G	86	5.700G	87	5.514G	88	5.651G
89	5.478G	90	5.516G	91	5.570G	92	5.462G
93	5.655G	94	5.302G	95	5.273G	96	5.512G
97	5.311G	98	5.606G	99	5.604G	100	5.577G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.466G	2	5.292G	3	5.269G	4	5.426G
5	5.548G	6	5.614G	7	5.469G	8	5.700G
9	5.340G	10	5.574G	11	5.268G	12	5.330G
13	5.480G	14	5.315G	15	5.676G	16	5.463G
17	5.494G	18	5.258G	19	5.255G	20	5.343G
21	5.668G	22	5.531G	23	5.407G	24	5.291G
25	5.399G	26	5.631G	27	5.275G	28	5.364G
29	5.316G	30	5.641G	31	5.611G	32	5.367G
33	5.497G	34	5.411G	35	5.621G	36	5.696G
37	5.373G	38	5.568G	39	5.575G	40	5.719G
41	5.529G	42	5.682G	43	5.473G	44	5.545G
45	5.455G	46	5.383G	47	5.683G	48	5.393G
49	5.690G	50	5.279G	51	5.507G	52	5.618G
53	5.305G	54	5.693G	55	5.433G	56	5.341G
57	5.598G	58	5.418G	59	5.413G	60	5.422G
61	5.580G	62	5.388G	63	5.452G	64	5.349G
65	5.521G	66	5.444G	67	5.430G	68	5.554G
69	5.396G	70	5.282G	71	5.375G	72	5.328G
73	5.536G	74	5.639G	75	5.273G	76	5.699G
77	5.363G	78	5.324G	79	5.294G	80	5.563G
81	5.718G	82	5.416G	83	5.486G	84	5.307G
85	5.311G	86	5.644G	87	5.721G	88	5.663G
89	5.661G	90	5.333G	91	5.522G	92	5.601G
93	5.572G	94	5.633G	95	5.261G	96	5.344G
97	5.439G	98	5.313G	99	5.559G	100	5.581G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.714G	2	5.608G	3	5.283G	4	5.671G
5	5.401G	6	5.414G	7	5.301G	8	5.606G
9	5.347G	10	5.258G	11	5.447G	12	5.583G
13	5.567G	14	5.309G	15	5.667G	16	5.275G
17	5.643G	18	5.334G	19	5.429G	20	5.670G
21	5.548G	22	5.653G	23	5.556G	24	5.438G
25	5.717G	26	5.499G	27	5.404G	28	5.428G
29	5.543G	30	5.403G	31	5.297G	32	5.421G
33	5.353G	34	5.376G	35	5.405G	36	5.615G
37	5.356G	38	5.496G	39	5.439G	40	5.558G
41	5.250G	42	5.431G	43	5.270G	44	5.460G
45	5.362G	46	5.495G	47	5.555G	48	5.357G
49	5.377G	50	5.386G	51	5.554G	52	5.368G
53	5.256G	54	5.407G	55	5.445G	56	5.370G
57	5.601G	58	5.596G	59	5.688G	60	5.694G
61	5.423G	62	5.331G	63	5.685G	64	5.621G
65	5.457G	66	5.299G	67	5.561G	68	5.427G
69	5.613G	70	5.612G	71	5.462G	72	5.587G
73	5.441G	74	5.480G	75	5.517G	76	5.658G
77	5.549G	78	5.442G	79	5.493G	80	5.664G
81	5.502G	82	5.530G	83	5.706G	84	5.557G
85	5.257G	86	5.510G	87	5.419G	88	5.284G
89	5.687G	90	5.544G	91	5.704G	92	5.570G
93	5.586G	94	5.340G	95	5.286G	96	5.709G
97	5.723G	98	5.607G	99	5.409G	100	5.626G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.308G	3	5.504G	4	5.526G
5	5.328G	6	5.359G	7	5.599G	8	5.509G
9	5.529G	10	5.500G	11	5.541G	12	5.268G
13	5.664G	14	5.291G	15	5.711G	16	5.663G
17	5.254G	18	5.283G	19	5.624G	20	5.625G
21	5.278G	22	5.443G	23	5.482G	24	5.389G
25	5.368G	26	5.475G	27	5.629G	28	5.340G
29	5.540G	30	5.473G	31	5.353G	32	5.630G
33	5.438G	34	5.678G	35	5.642G	36	5.698G
37	5.652G	38	5.542G	39	5.276G	40	5.562G
41	5.449G	42	5.469G	43	5.255G	44	5.284G
45	5.707G	46	5.559G	47	5.334G	48	5.478G
49	5.618G	50	5.645G	51	5.606G	52	5.282G
53	5.298G	54	5.462G	55	5.513G	56	5.701G
57	5.673G	58	5.536G	59	5.508G	60	5.706G
61	5.549G	62	5.296G	63	5.270G	64	5.348G
65	5.299G	66	5.483G	67	5.555G	68	5.464G
69	5.494G	70	5.679G	71	5.459G	72	5.430G
73	5.631G	74	5.272G	75	5.669G	76	5.285G
77	5.688G	78	5.350G	79	5.349G	80	5.496G
81	5.420G	82	5.355G	83	5.406G	84	5.329G
85	5.661G	86	5.611G	87	5.260G	88	5.428G
89	5.392G	90	5.261G	91	5.655G	92	5.571G
93	5.479G	94	5.558G	95	5.465G	96	5.546G
97	5.641G	98	5.423G	99	5.594G	100	5.375G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.614G	2	5.420G	3	5.280G	4	5.677G
5	5.310G	6	5.631G	7	5.344G	8	5.330G
9	5.710G	10	5.439G	11	5.583G	12	5.366G
13	5.658G	14	5.633G	15	5.331G	16	5.660G
17	5.405G	18	5.362G	19	5.260G	20	5.453G
21	5.684G	22	5.314G	23	5.431G	24	5.566G
25	5.659G	26	5.271G	27	5.543G	28	5.531G
29	5.438G	30	5.430G	31	5.637G	32	5.536G
33	5.612G	34	5.524G	35	5.661G	36	5.652G
37	5.396G	38	5.588G	39	5.675G	40	5.493G
41	5.459G	42	5.416G	43	5.382G	44	5.309G
45	5.528G	46	5.576G	47	5.267G	48	5.602G
49	5.621G	50	5.258G	51	5.625G	52	5.691G
53	5.293G	54	5.275G	55	5.354G	56	5.692G
57	5.511G	58	5.689G	59	5.696G	60	5.488G
61	5.429G	62	5.274G	63	5.361G	64	5.287G
65	5.478G	66	5.348G	67	5.639G	68	5.403G
69	5.645G	70	5.605G	71	5.270G	72	5.370G
73	5.318G	74	5.522G	75	5.594G	76	5.297G
77	5.498G	78	5.349G	79	5.595G	80	5.590G
81	5.321G	82	5.707G	83	5.470G	84	5.418G
85	5.359G	86	5.649G	87	5.705G	88	5.708G
89	5.619G	90	5.532G	91	5.474G	92	5.340G
93	5.352G	94	5.717G	95	5.518G	96	5.281G
97	5.497G	98	5.273G	99	5.378G	100	5.448G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.699G	2	5.462G	3	5.340G	4	5.296G
5	5.506G	6	5.622G	7	5.329G	8	5.361G
9	5.427G	10	5.577G	11	5.363G	12	5.673G
13	5.651G	14	5.339G	15	5.714G	16	5.653G
17	5.502G	18	5.424G	19	5.303G	20	5.645G
21	5.467G	22	5.421G	23	5.353G	24	5.716G
25	5.712G	26	5.619G	27	5.535G	28	5.515G
29	5.434G	30	5.395G	31	5.311G	32	5.585G
33	5.568G	34	5.668G	35	5.292G	36	5.540G
37	5.508G	38	5.272G	39	5.713G	40	5.261G
41	5.718G	42	5.681G	43	5.531G	44	5.454G
45	5.698G	46	5.664G	47	5.304G	48	5.293G
49	5.334G	50	5.441G	51	5.690G	52	5.497G
53	5.379G	54	5.266G	55	5.505G	56	5.316G
57	5.470G	58	5.578G	59	5.254G	60	5.592G
61	5.343G	62	5.490G	63	5.556G	64	5.706G
65	5.314G	66	5.410G	67	5.487G	68	5.327G
69	5.301G	70	5.633G	71	5.406G	72	5.411G
73	5.584G	74	5.375G	75	5.417G	76	5.689G
77	5.440G	78	5.551G	79	5.273G	80	5.644G
81	5.290G	82	5.279G	83	5.478G	84	5.503G
85	5.631G	86	5.259G	87	5.722G	88	5.367G
89	5.650G	90	5.346G	91	5.438G	92	5.489G
93	5.400G	94	5.449G	95	5.307G	96	5.704G
97	5.570G	98	5.640G	99	5.610G	100	5.275G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.646G	2	5.396G	3	5.643G	4	5.551G
5	5.562G	6	5.669G	7	5.270G	8	5.710G
9	5.412G	10	5.437G	11	5.482G	12	5.342G
13	5.516G	14	5.321G	15	5.526G	16	5.281G
17	5.331G	18	5.467G	19	5.299G	20	5.519G
21	5.366G	22	5.664G	23	5.665G	24	5.303G
25	5.418G	26	5.387G	27	5.621G	28	5.358G
29	5.275G	30	5.327G	31	5.297G	32	5.374G
33	5.348G	34	5.443G	35	5.596G	36	5.573G
37	5.316G	38	5.429G	39	5.578G	40	5.480G
41	5.444G	42	5.619G	43	5.620G	44	5.663G
45	5.410G	46	5.432G	47	5.272G	48	5.532G
49	5.430G	50	5.558G	51	5.346G	52	5.340G
53	5.671G	54	5.545G	55	5.274G	56	5.597G
57	5.289G	58	5.406G	59	5.427G	60	5.337G
61	5.478G	62	5.667G	63	5.405G	64	5.552G
65	5.317G	66	5.335G	67	5.441G	68	5.324G
69	5.707G	70	5.389G	71	5.307G	72	5.364G
73	5.561G	74	5.535G	75	5.627G	76	5.570G
77	5.454G	78	5.490G	79	5.306G	80	5.473G
81	5.483G	82	5.724G	83	5.440G	84	5.678G
85	5.293G	86	5.585G	87	5.328G	88	5.339G
89	5.605G	90	5.530G	91	5.354G	92	5.563G
93	5.496G	94	5.296G	95	5.579G	96	5.723G
97	5.566G	98	5.461G	99	5.323G	100	5.291G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.495G	2	5.666G	3	5.372G	4	5.274G
5	5.519G	6	5.555G	7	5.491G	8	5.255G
9	5.443G	10	5.419G	11	5.678G	12	5.567G
13	5.672G	14	5.644G	15	5.342G	16	5.268G
17	5.566G	18	5.605G	19	5.409G	20	5.537G
21	5.450G	22	5.683G	23	5.298G	24	5.427G
25	5.690G	26	5.388G	27	5.607G	28	5.503G
29	5.437G	30	5.397G	31	5.636G	32	5.377G
33	5.608G	34	5.620G	35	5.402G	36	5.637G
37	5.461G	38	5.349G	39	5.529G	40	5.604G
41	5.271G	42	5.677G	43	5.602G	44	5.693G
45	5.386G	46	5.553G	47	5.538G	48	5.306G
49	5.401G	50	5.277G	51	5.479G	52	5.635G
53	5.511G	54	5.594G	55	5.398G	56	5.674G
57	5.687G	58	5.649G	59	5.425G	60	5.254G
61	5.688G	62	5.717G	63	5.276G	64	5.665G
65	5.710G	66	5.632G	67	5.609G	68	5.576G
69	5.363G	70	5.460G	71	5.454G	72	5.322G
73	5.301G	74	5.550G	75	5.279G	76	5.505G
77	5.434G	78	5.512G	79	5.679G	80	5.294G
81	5.662G	82	5.451G	83	5.407G	84	5.445G
85	5.694G	86	5.527G	87	5.530G	88	5.471G
89	5.554G	90	5.586G	91	5.256G	92	5.684G
93	5.558G	94	5.283G	95	5.346G	96	5.515G
97	5.371G	98	5.689G	99	5.362G	100	5.302G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.577G	2	5.570G	3	5.691G	4	5.392G
5	5.625G	6	5.724G	7	5.431G	8	5.342G
9	5.653G	10	5.550G	11	5.252G	12	5.432G
13	5.700G	14	5.289G	15	5.492G	16	5.697G
17	5.494G	18	5.436G	19	5.504G	20	5.496G
21	5.552G	22	5.370G	23	5.683G	24	5.499G
25	5.320G	26	5.585G	27	5.464G	28	5.442G
29	5.486G	30	5.341G	31	5.527G	32	5.655G
33	5.286G	34	5.483G	35	5.718G	36	5.311G
37	5.491G	38	5.696G	39	5.684G	40	5.466G
41	5.519G	42	5.402G	43	5.518G	44	5.284G
45	5.640G	46	5.360G	47	5.665G	48	5.267G
49	5.554G	50	5.299G	51	5.523G	52	5.565G
53	5.271G	54	5.508G	55	5.629G	56	5.414G
57	5.648G	58	5.448G	59	5.547G	60	5.457G
61	5.681G	62	5.536G	63	5.503G	64	5.620G
65	5.318G	66	5.529G	67	5.338G	68	5.609G
69	5.517G	70	5.522G	71	5.541G	72	5.626G
73	5.349G	74	5.720G	75	5.260G	76	5.704G
77	5.340G	78	5.650G	79	5.569G	80	5.273G
81	5.356G	82	5.557G	83	5.405G	84	5.324G
85	5.388G	86	5.423G	87	5.495G	88	5.714G
89	5.384G	90	5.443G	91	5.546G	92	5.264G
93	5.695G	94	5.567G	95	5.566G	96	5.380G
97	5.326G	98	5.307G	99	5.378G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.515G	2	5.595G	3	5.679G	4	5.540G
5	5.286G	6	5.480G	7	5.537G	8	5.659G
9	5.337G	10	5.279G	11	5.442G	12	5.396G
13	5.492G	14	5.260G	15	5.623G	16	5.310G
17	5.585G	18	5.613G	19	5.407G	20	5.703G
21	5.437G	22	5.335G	23	5.624G	24	5.281G
25	5.452G	26	5.612G	27	5.408G	28	5.723G
29	5.405G	30	5.707G	31	5.252G	32	5.474G
33	5.640G	34	5.614G	35	5.589G	36	5.392G
37	5.379G	38	5.532G	39	5.573G	40	5.693G
41	5.665G	42	5.512G	43	5.464G	44	5.636G
45	5.554G	46	5.418G	47	5.629G	48	5.432G
49	5.290G	50	5.494G	51	5.364G	52	5.309G
53	5.299G	54	5.658G	55	5.426G	56	5.591G
57	5.543G	58	5.677G	59	5.303G	60	5.338G
61	5.551G	62	5.584G	63	5.264G	64	5.369G
65	5.547G	66	5.363G	67	5.419G	68	5.380G
69	5.376G	70	5.429G	71	5.645G	72	5.582G
73	5.673G	74	5.705G	75	5.414G	76	5.344G
77	5.642G	78	5.316G	79	5.412G	80	5.579G
81	5.324G	82	5.265G	83	5.599G	84	5.270G
85	5.631G	86	5.496G	87	5.622G	88	5.373G
89	5.355G	90	5.615G	91	5.619G	92	5.508G
93	5.339G	94	5.466G	95	5.384G	96	5.287G
97	5.351G	98	5.577G	99	5.694G	100	5.424G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.628G	2	5.611G	3	5.465G	4	5.605G
5	5.424G	6	5.440G	7	5.691G	8	5.485G
9	5.545G	10	5.373G	11	5.712G	12	5.633G
13	5.573G	14	5.597G	15	5.374G	16	5.470G
17	5.483G	18	5.312G	19	5.443G	20	5.714G
21	5.472G	22	5.326G	23	5.268G	24	5.363G
25	5.271G	26	5.495G	27	5.532G	28	5.634G
29	5.517G	30	5.344G	31	5.708G	32	5.386G
33	5.389G	34	5.707G	35	5.724G	36	5.596G
37	5.527G	38	5.454G	39	5.624G	40	5.487G
41	5.295G	42	5.434G	43	5.621G	44	5.694G
45	5.264G	46	5.416G	47	5.486G	48	5.321G
49	5.534G	50	5.267G	51	5.601G	52	5.305G
53	5.607G	54	5.469G	55	5.682G	56	5.357G
57	5.713G	58	5.377G	59	5.265G	60	5.555G
61	5.661G	62	5.655G	63	5.410G	64	5.526G
65	5.397G	66	5.719G	67	5.461G	68	5.507G
69	5.670G	70	5.468G	71	5.651G	72	5.289G
73	5.288G	74	5.717G	75	5.449G	76	5.366G
77	5.303G	78	5.490G	79	5.686G	80	5.408G
81	5.387G	82	5.433G	83	5.400G	84	5.279G
85	5.613G	86	5.705G	87	5.304G	88	5.362G
89	5.396G	90	5.652G	91	5.519G	92	5.463G
93	5.513G	94	5.266G	95	5.500G	96	5.426G
97	5.521G	98	5.541G	99	5.375G	100	5.286G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.301G	2	5.627G	3	5.499G	4	5.606G
5	5.648G	6	5.408G	7	5.566G	8	5.419G
9	5.665G	10	5.507G	11	5.306G	12	5.261G
13	5.553G	14	5.387G	15	5.682G	16	5.449G
17	5.399G	18	5.292G	19	5.547G	20	5.519G
21	5.679G	22	5.330G	23	5.344G	24	5.552G
25	5.597G	26	5.472G	27	5.568G	28	5.426G
29	5.619G	30	5.460G	31	5.640G	32	5.300G
33	5.708G	34	5.529G	35	5.359G	36	5.366G
37	5.420G	38	5.365G	39	5.485G	40	5.269G
41	5.323G	42	5.263G	43	5.638G	44	5.712G
45	5.258G	46	5.622G	47	5.414G	48	5.335G
49	5.509G	50	5.525G	51	5.287G	52	5.358G
53	5.456G	54	5.293G	55	5.326G	56	5.431G
57	5.506G	58	5.259G	59	5.273G	60	5.447G
61	5.561G	62	5.536G	63	5.280G	64	5.545G
65	5.316G	66	5.412G	67	5.442G	68	5.671G
69	5.570G	70	5.286G	71	5.631G	72	5.342G
73	5.467G	74	5.663G	75	5.510G	76	5.422G
77	5.639G	78	5.353G	79	5.555G	80	5.554G
81	5.540G	82	5.634G	83	5.667G	84	5.531G
85	5.644G	86	5.364G	87	5.343G	88	5.557G
89	5.623G	90	5.257G	91	5.591G	92	5.513G
93	5.562G	94	5.445G	95	5.496G	96	5.345G
97	5.721G	98	5.677G	99	5.613G	100	5.351G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.528G	3	5.575G	4	5.617G
5	5.533G	6	5.677G	7	5.437G	8	5.589G
9	5.279G	10	5.363G	11	5.413G	12	5.323G
13	5.324G	14	5.641G	15	5.602G	16	5.627G
17	5.669G	18	5.480G	19	5.661G	20	5.274G
21	5.553G	22	5.325G	23	5.544G	24	5.284G
25	5.261G	26	5.410G	27	5.609G	28	5.572G
29	5.257G	30	5.500G	31	5.665G	32	5.297G
33	5.709G	34	5.590G	35	5.337G	36	5.385G
37	5.263G	38	5.484G	39	5.408G	40	5.367G
41	5.347G	42	5.629G	43	5.452G	44	5.488G
45	5.307G	46	5.403G	47	5.485G	48	5.489G
49	5.272G	50	5.335G	51	5.451G	52	5.717G
53	5.670G	54	5.644G	55	5.633G	56	5.681G
57	5.694G	58	5.373G	59	5.509G	60	5.705G
61	5.637G	62	5.366G	63	5.262G	64	5.384G
65	5.508G	66	5.632G	67	5.334G	68	5.540G
69	5.582G	70	5.718G	71	5.442G	72	5.283G
73	5.606G	74	5.473G	75	5.314G	76	5.270G
77	5.251G	78	5.692G	79	5.493G	80	5.342G
81	5.397G	82	5.464G	83	5.679G	84	5.311G
85	5.252G	86	5.673G	87	5.381G	88	5.412G
89	5.631G	90	5.455G	91	5.569G	92	5.306G
93	5.273G	94	5.555G	95	5.390G	96	5.360G
97	5.267G	98	5.543G	99	5.259G	100	5.474G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.373G	2	5.713G	3	5.364G	4	5.695G
5	5.611G	6	5.614G	7	5.363G	8	5.362G
9	5.385G	10	5.720G	11	5.639G	12	5.406G
13	5.504G	14	5.650G	15	5.680G	16	5.355G
17	5.414G	18	5.297G	19	5.332G	20	5.560G
21	5.546G	22	5.320G	23	5.252G	24	5.428G
25	5.308G	26	5.452G	27	5.255G	28	5.660G
29	5.393G	30	5.334G	31	5.353G	32	5.664G
33	5.499G	34	5.407G	35	5.662G	36	5.419G
37	5.712G	38	5.430G	39	5.628G	40	5.522G
41	5.442G	42	5.440G	43	5.443G	44	5.315G
45	5.570G	46	5.652G	47	5.365G	48	5.275G
49	5.267G	50	5.630G	51	5.674G	52	5.593G
53	5.263G	54	5.476G	55	5.574G	56	5.368G
57	5.322G	58	5.461G	59	5.567G	60	5.403G
61	5.701G	62	5.451G	63	5.609G	64	5.404G
65	5.502G	66	5.311G	67	5.549G	68	5.519G
69	5.457G	70	5.663G	71	5.269G	72	5.486G
73	5.388G	74	5.445G	75	5.344G	76	5.495G
77	5.421G	78	5.382G	79	5.505G	80	5.431G
81	5.270G	82	5.555G	83	5.544G	84	5.516G
85	5.257G	86	5.286G	87	5.597G	88	5.514G
89	5.367G	90	5.537G	91	5.371G	92	5.638G
93	5.648G	94	5.492G	95	5.354G	96	5.328G
97	5.503G	98	5.658G	99	5.550G	100	5.439G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.706G	2	5.252G	3	5.263G	4	5.344G
5	5.434G	6	5.399G	7	5.692G	8	5.559G
9	5.359G	10	5.265G	11	5.362G	12	5.441G
13	5.598G	14	5.403G	15	5.385G	16	5.375G
17	5.499G	18	5.382G	19	5.452G	20	5.676G
21	5.350G	22	5.357G	23	5.508G	24	5.708G
25	5.353G	26	5.329G	27	5.645G	28	5.540G
29	5.454G	30	5.721G	31	5.383G	32	5.627G
33	5.341G	34	5.536G	35	5.718G	36	5.396G
37	5.442G	38	5.471G	39	5.494G	40	5.641G
41	5.464G	42	5.723G	43	5.640G	44	5.639G
45	5.463G	46	5.360G	47	5.596G	48	5.711G
49	5.611G	50	5.669G	51	5.349G	52	5.346G
53	5.467G	54	5.400G	55	5.681G	56	5.670G
57	5.600G	58	5.585G	59	5.425G	60	5.531G
61	5.326G	62	5.506G	63	5.583G	64	5.264G
65	5.395G	66	5.477G	67	5.554G	68	5.605G
69	5.301G	70	5.630G	71	5.722G	72	5.637G
73	5.714G	74	5.590G	75	5.281G	76	5.339G
77	5.586G	78	5.680G	79	5.296G	80	5.458G
81	5.665G	82	5.653G	83	5.363G	84	5.455G
85	5.661G	86	5.671G	87	5.481G	88	5.336G
89	5.432G	90	5.370G	91	5.369G	92	5.389G
93	5.453G	94	5.507G	95	5.274G	96	5.578G
97	5.625G	98	5.411G	99	5.533G	100	5.720G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.403G	2	5.499G	3	5.438G	4	5.290G
5	5.296G	6	5.485G	7	5.701G	8	5.453G
9	5.650G	10	5.484G	11	5.547G	12	5.323G
13	5.336G	14	5.486G	15	5.502G	16	5.303G
17	5.708G	18	5.421G	19	5.281G	20	5.529G
21	5.603G	22	5.721G	23	5.423G	24	5.431G
25	5.269G	26	5.686G	27	5.552G	28	5.348G
29	5.428G	30	5.262G	31	5.279G	32	5.335G
33	5.525G	34	5.662G	35	5.307G	36	5.522G
37	5.315G	38	5.439G	39	5.633G	40	5.333G
41	5.396G	42	5.317G	43	5.685G	44	5.560G
45	5.642G	46	5.473G	47	5.301G	48	5.659G
49	5.523G	50	5.392G	51	5.283G	52	5.293G
53	5.366G	54	5.587G	55	5.477G	56	5.635G
57	5.627G	58	5.447G	59	5.619G	60	5.435G
61	5.533G	62	5.555G	63	5.582G	64	5.614G
65	5.364G	66	5.308G	67	5.393G	68	5.711G
69	5.595G	70	5.412G	71	5.656G	72	5.357G
73	5.349G	74	5.722G	75	5.540G	76	5.538G
77	5.703G	78	5.444G	79	5.710G	80	5.668G
81	5.610G	82	5.607G	83	5.280G	84	5.634G
85	5.347G	86	5.606G	87	5.363G	88	5.591G
89	5.602G	90	5.601G	91	5.254G	92	5.503G
93	5.466G	94	5.698G	95	5.590G	96	5.253G
97	5.623G	98	5.583G	99	5.506G	100	5.351G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.548G	2	5.669G	3	5.308G	4	5.391G
5	5.320G	6	5.503G	7	5.566G	8	5.719G
9	5.323G	10	5.682G	11	5.661G	12	5.417G
13	5.475G	14	5.362G	15	5.571G	16	5.509G
17	5.284G	18	5.397G	19	5.355G	20	5.581G
21	5.512G	22	5.300G	23	5.584G	24	5.484G
25	5.285G	26	5.707G	27	5.629G	28	5.426G
29	5.491G	30	5.462G	31	5.369G	32	5.673G
33	5.633G	34	5.618G	35	5.386G	36	5.716G
37	5.580G	38	5.408G	39	5.498G	40	5.332G
41	5.401G	42	5.605G	43	5.604G	44	5.644G
45	5.536G	46	5.546G	47	5.303G	48	5.361G
49	5.316G	50	5.345G	51	5.671G	52	5.504G
53	5.639G	54	5.494G	55	5.652G	56	5.712G
57	5.675G	58	5.335G	59	5.492G	60	5.297G
61	5.530G	62	5.304G	63	5.690G	64	5.460G
65	5.594G	66	5.648G	67	5.511G	68	5.568G
69	5.428G	70	5.344G	71	5.541G	72	5.723G
73	5.470G	74	5.544G	75	5.526G	76	5.670G
77	5.265G	78	5.251G	79	5.456G	80	5.651G
81	5.371G	82	5.266G	83	5.680G	84	5.357G
85	5.373G	86	5.572G	87	5.388G	88	5.720G
89	5.423G	90	5.254G	91	5.700G	92	5.405G
93	5.436G	94	5.419G	95	5.693G	96	5.642G
97	5.439G	98	5.524G	99	5.576G	100	5.367G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.516G	2	5.611G	3	5.517G	4	5.493G
5	5.320G	6	5.591G	7	5.656G	8	5.539G
9	5.260G	10	5.325G	11	5.563G	12	5.548G
13	5.494G	14	5.339G	15	5.559G	16	5.624G
17	5.455G	18	5.501G	19	5.315G	20	5.383G
21	5.304G	22	5.491G	23	5.443G	24	5.667G
25	5.308G	26	5.699G	27	5.708G	28	5.358G
29	5.351G	30	5.631G	31	5.417G	32	5.596G
33	5.553G	34	5.659G	35	5.356G	36	5.408G
37	5.446G	38	5.647G	39	5.673G	40	5.466G
41	5.578G	42	5.286G	43	5.537G	44	5.639G
45	5.342G	46	5.480G	47	5.344G	48	5.602G
49	5.359G	50	5.697G	51	5.421G	52	5.625G
53	5.299G	54	5.475G	55	5.389G	56	5.499G
57	5.336G	58	5.665G	59	5.422G	60	5.581G
61	5.424G	62	5.613G	63	5.651G	64	5.540G
65	5.272G	66	5.460G	67	5.698G	68	5.686G
69	5.298G	70	5.526G	71	5.534G	72	5.355G
73	5.522G	74	5.330G	75	5.418G	76	5.478G
77	5.270G	78	5.439G	79	5.278G	80	5.365G
81	5.504G	82	5.295G	83	5.465G	84	5.328G
85	5.353G	86	5.500G	87	5.357G	88	5.626G
89	5.273G	90	5.274G	91	5.508G	92	5.586G
93	5.567G	94	5.345G	95	5.305G	96	5.655G
97	5.335G	98	5.706G	99	5.469G	100	5.252G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.321G	2	5.460G	3	5.507G	4	5.698G
5	5.687G	6	5.489G	7	5.606G	8	5.528G
9	5.254G	10	5.547G	11	5.311G	12	5.360G
13	5.402G	14	5.323G	15	5.578G	16	5.295G
17	5.529G	18	5.298G	19	5.717G	20	5.264G
21	5.251G	22	5.512G	23	5.680G	24	5.646G
25	5.327G	26	5.592G	27	5.434G	28	5.312G
29	5.406G	30	5.259G	31	5.290G	32	5.339G
33	5.459G	34	5.377G	35	5.531G	36	5.593G
37	5.579G	38	5.478G	39	5.582G	40	5.712G
41	5.570G	42	5.517G	43	5.601G	44	5.403G
45	5.631G	46	5.526G	47	5.401G	48	5.447G
49	5.616G	50	5.534G	51	5.477G	52	5.677G
53	5.352G	54	5.674G	55	5.567G	56	5.269G
57	5.672G	58	5.635G	59	5.651G	60	5.481G
61	5.689G	62	5.322G	63	5.538G	64	5.420G
65	5.632G	66	5.516G	67	5.705G	68	5.621G
69	5.550G	70	5.391G	71	5.488G	72	5.566G
73	5.487G	74	5.620G	75	5.395G	76	5.397G
77	5.657G	78	5.647G	79	5.509G	80	5.271G
81	5.336G	82	5.524G	83	5.617G	84	5.639G
85	5.398G	86	5.718G	87	5.455G	88	5.532G
89	5.581G	90	5.256G	91	5.594G	92	5.700G
93	5.692G	94	5.586G	95	5.548G	96	5.519G
97	5.604G	98	5.388G	99	5.465G	100	5.270G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.267G	2	5.585G	3	5.443G	4	5.519G
5	5.624G	6	5.621G	7	5.384G	8	5.338G
9	5.463G	10	5.623G	11	5.470G	12	5.341G
13	5.650G	14	5.566G	15	5.572G	16	5.401G
17	5.663G	18	5.682G	19	5.653G	20	5.602G
21	5.295G	22	5.521G	23	5.695G	24	5.332G
25	5.391G	26	5.672G	27	5.630G	28	5.380G
29	5.491G	30	5.255G	31	5.407G	32	5.296G
33	5.561G	34	5.378G	35	5.484G	36	5.406G
37	5.468G	38	5.656G	39	5.651G	40	5.360G
41	5.618G	42	5.411G	43	5.676G	44	5.453G
45	5.431G	46	5.717G	47	5.250G	48	5.647G
49	5.417G	50	5.395G	51	5.506G	52	5.671G
53	5.609G	54	5.278G	55	5.271G	56	5.404G
57	5.508G	58	5.702G	59	5.715G	60	5.286G
61	5.393G	62	5.416G	63	5.442G	64	5.560G
65	5.313G	66	5.369G	67	5.639G	68	5.641G
69	5.475G	70	5.504G	71	5.392G	72	5.352G
73	5.669G	74	5.405G	75	5.489G	76	5.342G
77	5.251G	78	5.266G	79	5.546G	80	5.457G
81	5.659G	82	5.616G	83	5.334G	84	5.356G
85	5.274G	86	5.720G	87	5.607G	88	5.302G
89	5.555G	90	5.363G	91	5.594G	92	5.612G
93	5.368G	94	5.703G	95	5.394G	96	5.536G
97	5.719G	98	5.252G	99	5.528G	100	5.328G