

# DFS TEST REPORT

**REPORT NO.:** RF110322C09A-1

**MODEL NO.:** AU-E-SA-5X-1S-M7000  
(refer to item 2.2 for more detail)

**FCC ID:** LKT-BULTRA-5

**IC:** 2514A-BULTRA5

**RECEIVED:** May 19, 2011

**TESTED:** Jul. 09, 2011

**ISSUED:** Jul. 12, 2011

**APPLICANT:** Alvarion Ltd.

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**ISSUED BY :** Bureau Veritas Consumer Products Services  
(H.K.) Ltd., Taoyuan Branch

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R.O.C.

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
Original release	N/A	Jul. 12, 2011



# 1. LAB DECLARATION

**PRODUCT:** BreezeULTRA

**MODEL:** AU-E-SA-5X-1S-M7000 (refer to item 2.2 for more detail)

**BRAND:** Alvarion

**APPLICANT:** Alvarion Ltd.

**TESTED:** Jul. 09, 2011

**TEST SAMPLE:** ENGINEERING SAMPLE


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

**Canada RSS-210 Issue 8 (2010-12)**

**Canada RSS-Gen Issue 3 (2010-12)**

**FCC 06-96**

The above equipment (Model: AU-E-SA-5X-1S-M7000) has been tested by **Advance Data Technology Corporation**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY :  , DATE: Jul. 12, 2011  
Pettie Chen / Specialist

APPROVED BY :  , DATE: Jul. 12, 2011  
Gary Chang / Assistant Manager

## 2. EUT INFORMATION

### 2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

Table 1: Operating frequency bands and mode of EUT

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

The EUT has disabled the 5600 ~ 5650 MHz band

### 2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT software/firmware version

No.	Product	Model No.	Software/Firmware Version
1	BreezeULTRA	BU/RB-B350-5X-P6000 BU/RB-B600-5X-P6000 BU/RB-B350D-5X-P6000 BU/RB-B350D-5X-LX-P6000 BU/RB-B600D-5X-P6000 AU-E-SA-5X-1S-M7000 AU-E-SA-5X-2S-M7000 AU-E-SA-5X-3S-M7000 BU/RB-B600 AU-E-5X-1S BU/RB-B350 AU-E-5X-2S	vInq_1.0.27.110

### 2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list

Ant NO.	Antenna Type	Operation Frequency Range(MHz)	Max. Gain(dBi)
1	Panel	5250~5350	16
1	Panel	5470~5725	16
2	Matrix	5250~5350	23
2	Matrix	5470~5725	23

## 2.4 EUT MAXIMUM AND MINIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

### 802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	5.1	3.2	-0.9	0.8
1	5470~5725	5.2	3.3	-0.8	0.8

### 802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	5.0	3.1	-1.0	0.8
1	5470~5725	5.2	3.3	-0.8	0.8

### 802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	6.8	4.8	0.8	1.2
1	5470~5725	6.9	4.9	0.9	1.2

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

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

### 802.11a

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	28.1	645.7	22.1	162.2
1	5470~5725	28.2	660.7	22.2	166.0

### 802.11n (20MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	28.0	631.0	22.0	158.5
1	5470~5725	28.2	660.7	22.2	166.0

### 802.11n (40MHz)

ANT NO.	FREQUENCY BAND (MHz)	MAX. POWER		MIN. POWER	
		OUTPUT POWER(dBm)	OUTPUT POWER(mW)	OUTPUT POWER(dBm)	OUTPUT POWER(mW)
1	5250~5350	29.8	955.0	23.8	239.9
1	5470~5725	29.9	977.2	23.9	245.5

### 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	2011/07/16
Signal generator	8645A	Agilent	2012/06/09
Oscilloscope	TDS 5104	Tektronix	2011/09/2
Control PC	Pavilion a320d	HP	--

### 4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION

No.	Product	Brand	Model No.	FCC ID
1	BreezeULTRA	ALVARION	SU-E-5X-XX-M7000	LKT-BULTRA-5

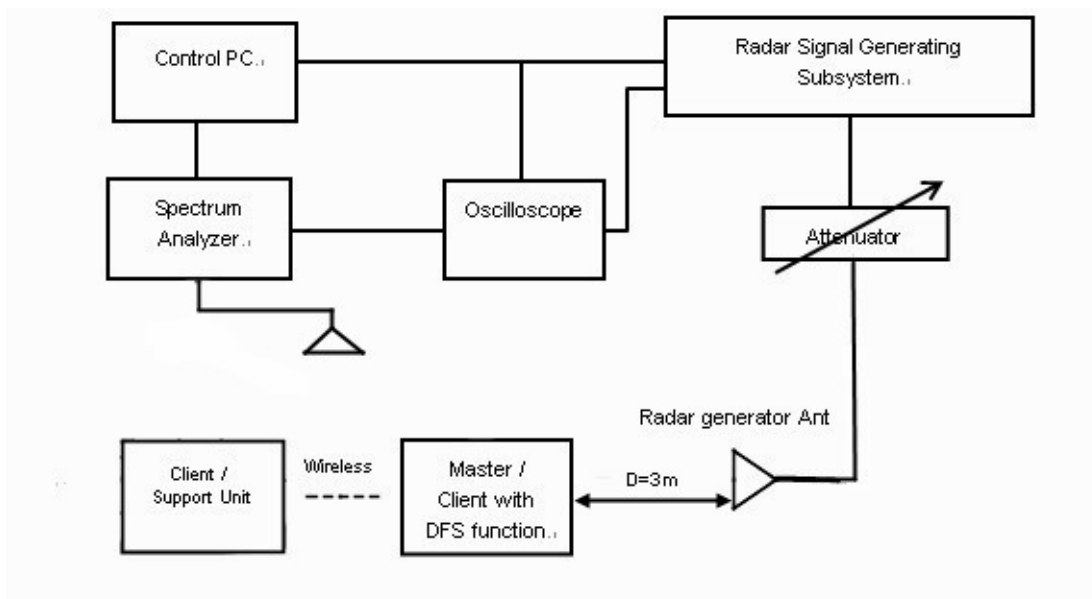
**Note:** This device was functioned as a Master Slave device during the DFS test.

## 5. TEST PROCEDURE

### 5.1 ADT DFS MEASUREMENT SYSTEM

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

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



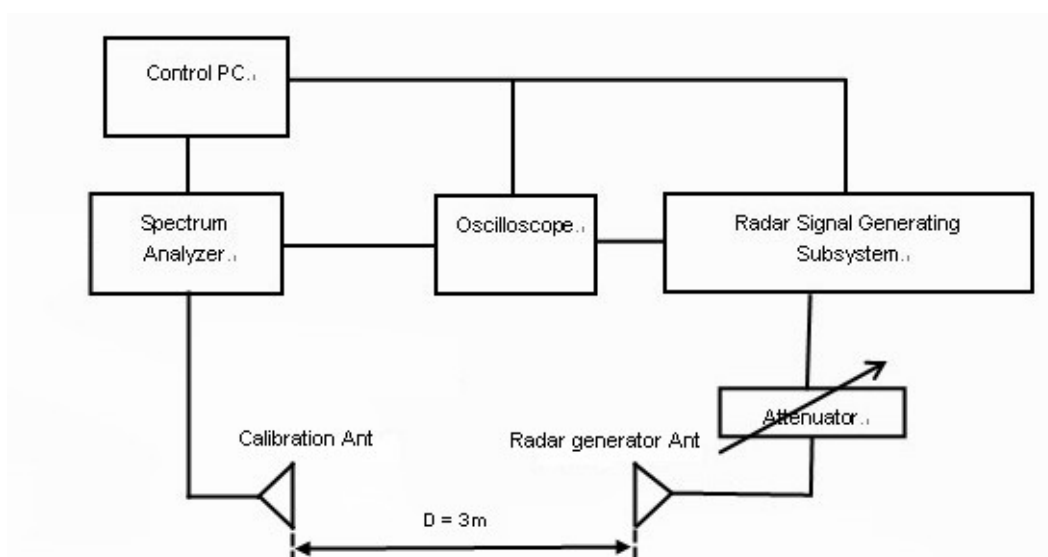
The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6  $\frac{1}{2}$  Magic Hours) from Master device, the designated MPEG test file and instructions are located at:

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

## 5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

EIRP of EUT is  $>23\text{dBm}$ , so the threshold level is  $-64\text{dBm}$ . DFS test is using radiated not conducted. Calibration setup is as below and the threshold level is calibrated at calibration antenna. Gain of calibration antenna is  $13\text{dBi}$ , cable loss is  $2\text{dBi}$ . Adjust power level of Radar signal generation subsystem to let reading of spectrum is equal to  $-53\text{dBm}$  that means the power level of calibration antenna is equal to  $-64\text{dBm}$ . The measured channel is  $5510\text{MHz}$ . The radar signal was the same as transmitted channels.

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

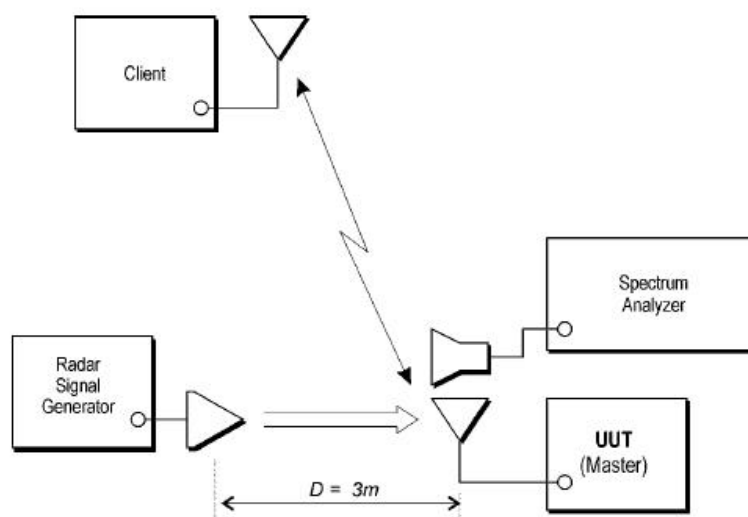


### 5.3 DEVIATION FROM TEST STANDARD

No deviation.

### 5.4 RADIATED TEST SETUP CONFIGURATION

#### Master with injection at the Master



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

## 6. TEST RESULTS

### 6.1 SUMMARY OF TEST RESULT

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

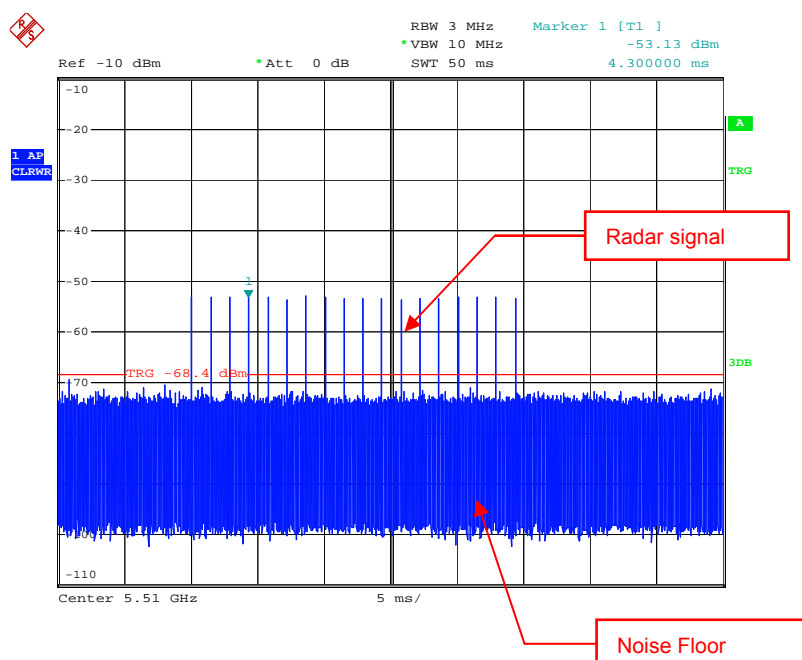
## 6.2 DETELED TEST RESULTS

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

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

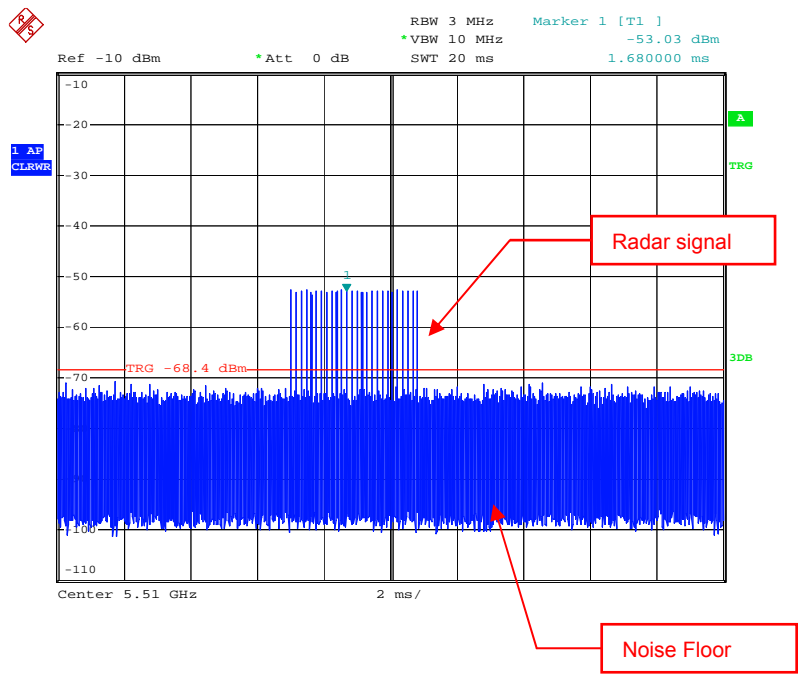
### DFS DETECTION THRESHOLD

For a detection threshold level of  $-64\text{dBm}$  and the reference antenna gain is  $13\text{ dBi}$ , cable loss is  $2\text{ dB}$  and required detection threshold is  $-53\text{ dBm}$  ( $= -64-2+13$ ).

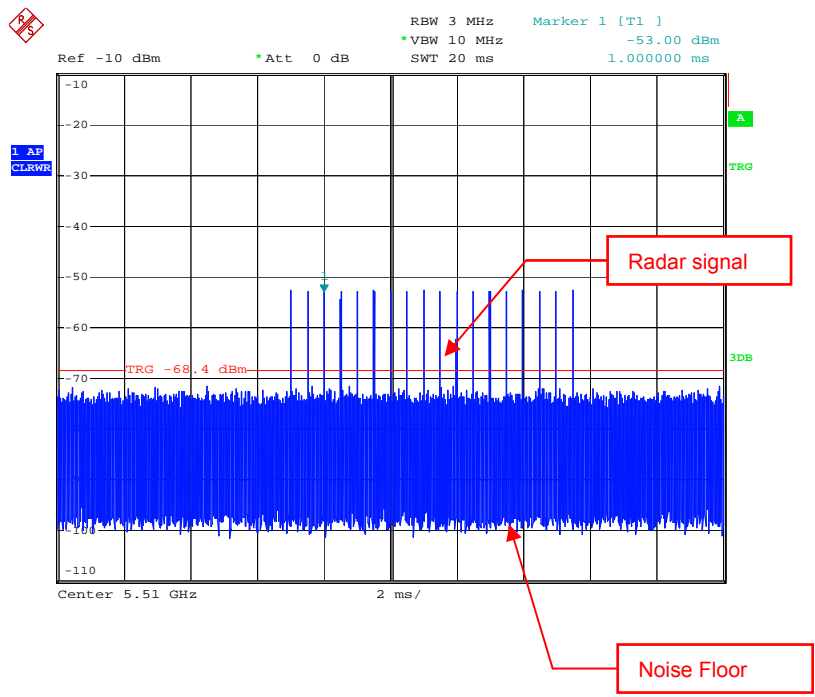


Radar Signal 1

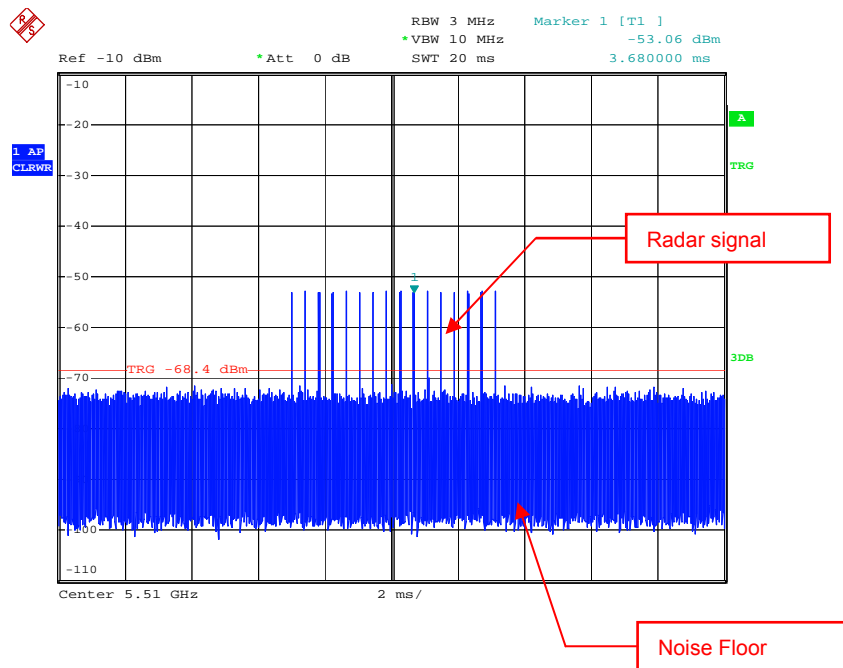




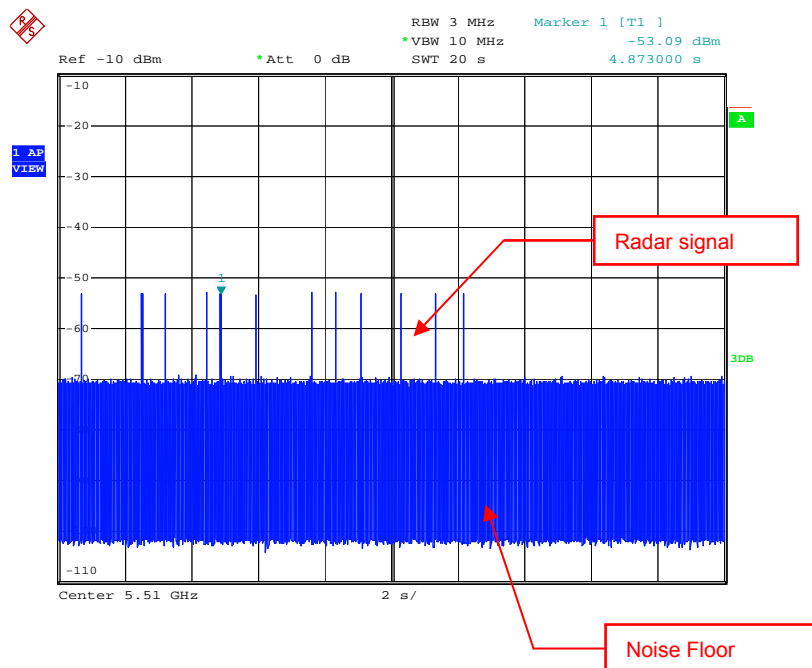
Radar Signal 2



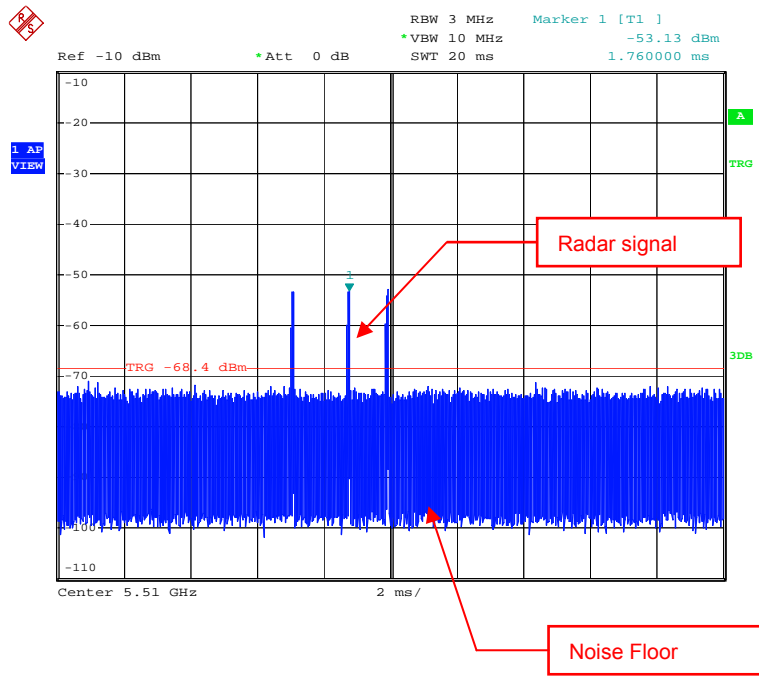
Radar Signal 3



Radar Signal 4

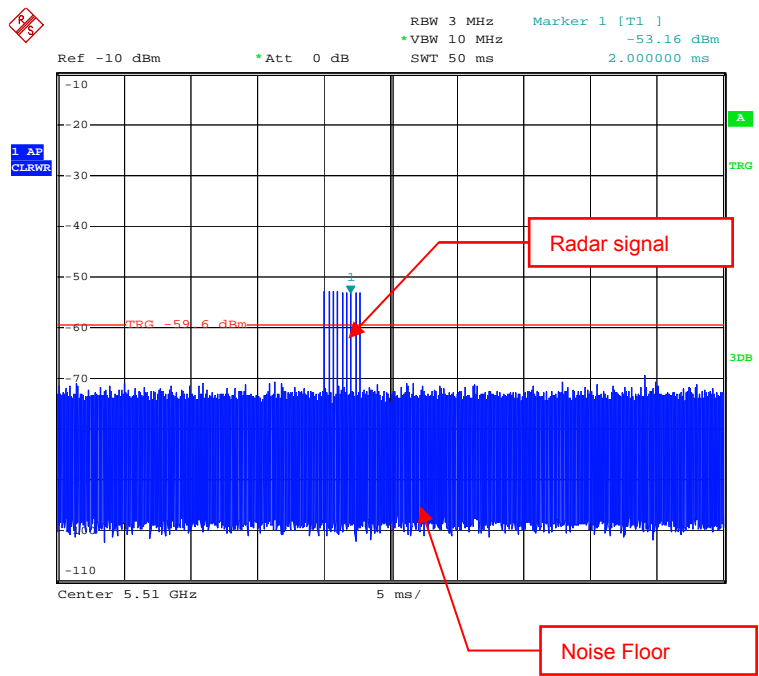


Radar Signal 5



Date: 11 NOV 2011 10:40:38

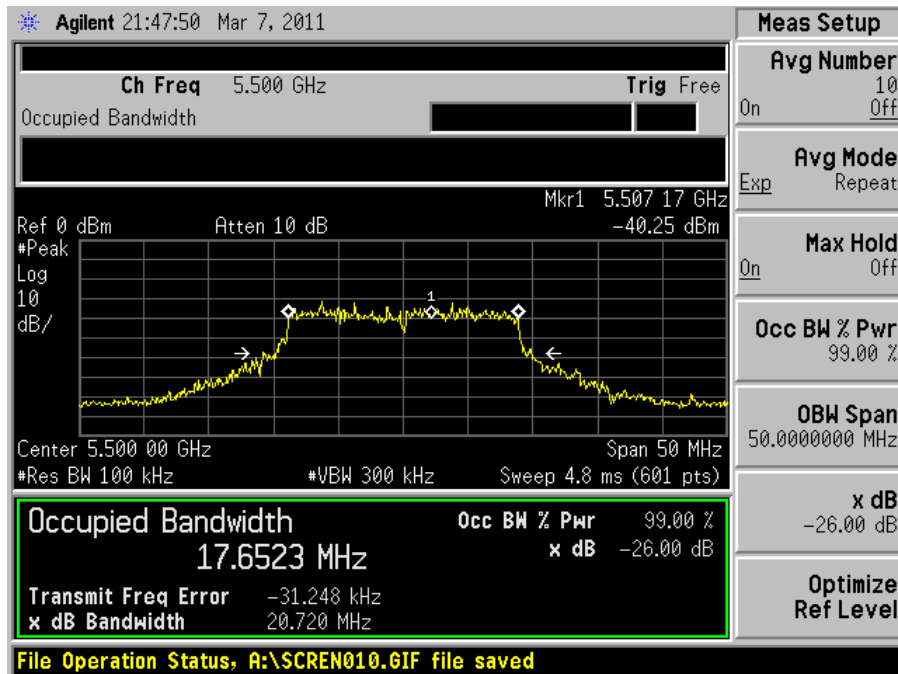
Single Burst of Radar Signal 5



Radar Signal 6

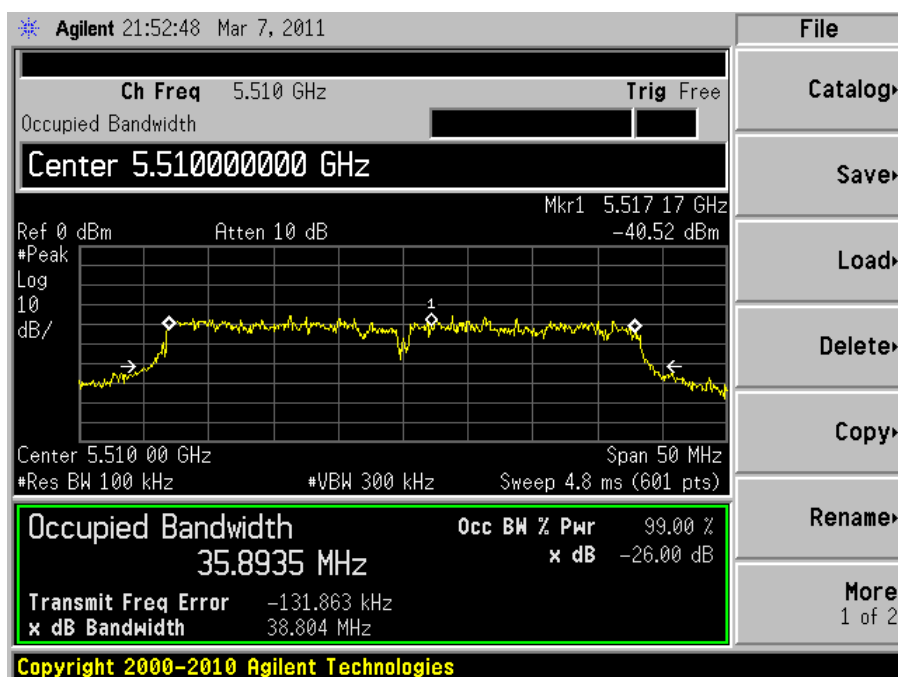
## 6.2.2 U-NII DETECTION BANDWIDTH

### IEEE 802.11n 20MHz



U-NII 99% Channel bandwidth

### IEEE 802.11n 40MHz



U-NII 99% Channel bandwidth

**Detection Bandwidth Test - IEEE 802.11n 20MHz**

EUT Frequency: 5500MHz  
 EUT 99% Power bandwidth: 17.65MHz  
 Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.12MHz  
 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	
5488	N	N	N	N	N	N	N	N	N	N	0
5489	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	90
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510(FL)	Y	Y	Y	Y	Y	Y	Y	N	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: 35.89MHz  
 Detection bandwidth limit (80% of EUT 99% Power bandwidth): 28.71MHz  
 Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz  
 Test Result : PASS

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

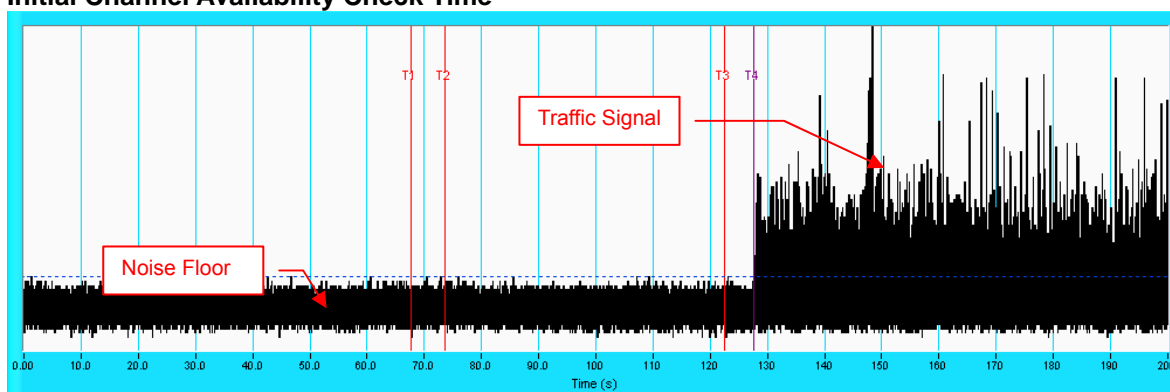
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530(FH)	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90
5531	N	N	N	N	N	N	N	N	N	N	0

### 6.2.3 CHANNEL AVAILABILITY CHECK TIME

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

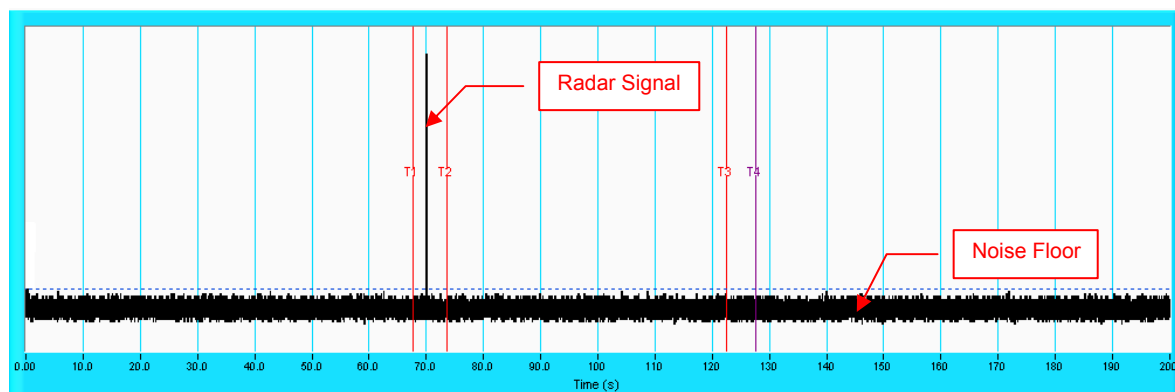
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

#### Initial Channel Availability Check Time



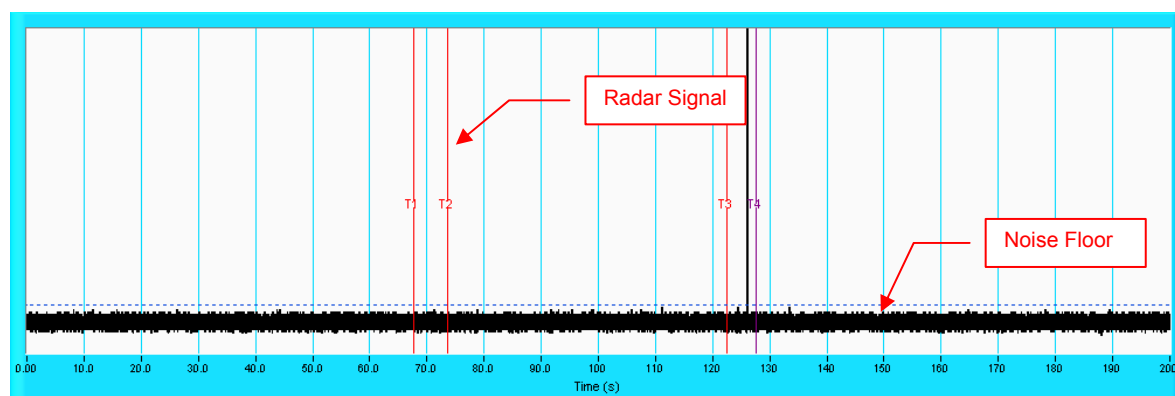
**NOTE:** T1 denotes the end of power-up time period is 67 second. T4 denotes the end of Channel Availability Check time is 127 second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

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



**NOTE:** T1 denotes the end of power up time period is 67 second. T2 denotes 73 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 127 second.

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



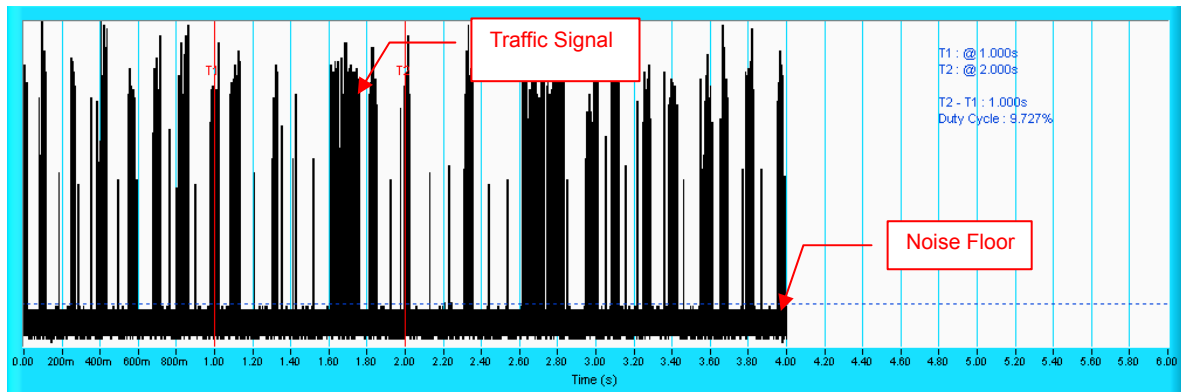
**NOTE:** T1 denotes the end of power up time period is 67 second. T3 denotes 121 second and radar burst was commenced within 54<sup>th</sup> second to 60<sup>th</sup> second window starting from the end of power-up sequence. T4 denotes the 127 second.



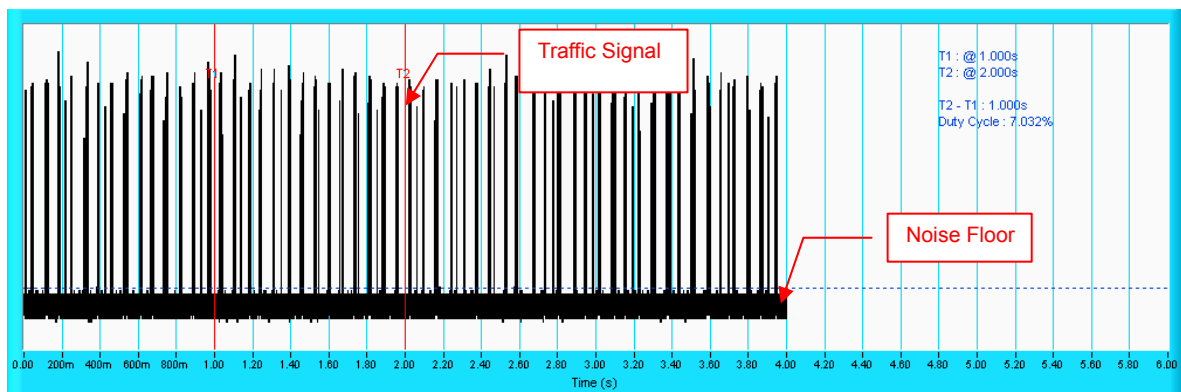
## 6.2.4 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

### Wireless Traffic Loading

#### IEEE 802.11n 20MHz



#### IEEE 802.11n 40MHz



## IEEE 802.11n 20MHz

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

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

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

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

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

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

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

## IEEE 802.11n 40MHz

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

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

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

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

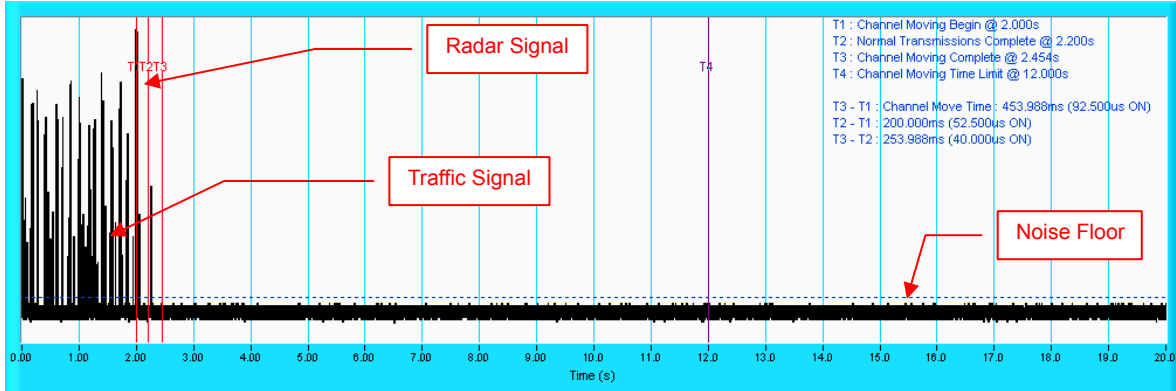
**Table 3: Frequency Hopping Radar Test Waveform**

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

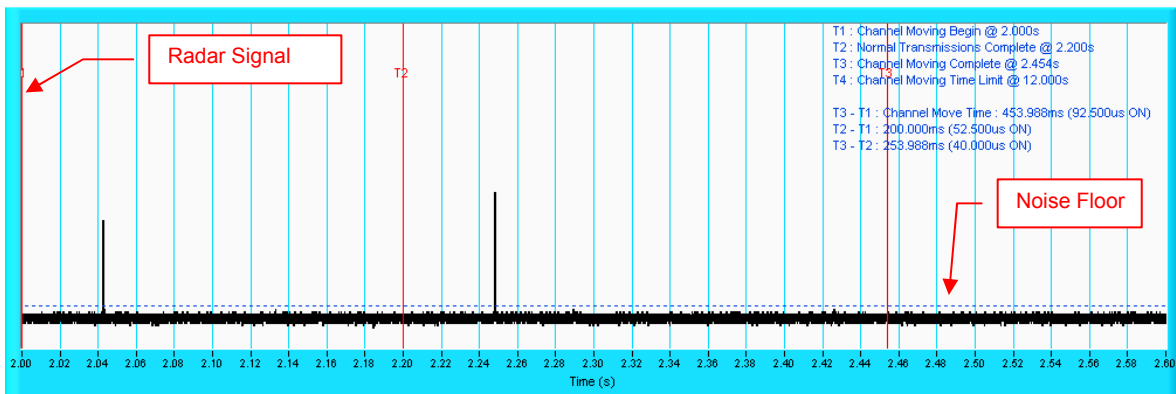
The Detailed Radar pattern and Statistical Performance showed in Annex A.

## Radar signal 1

### IEEE 802.11n 20MHz



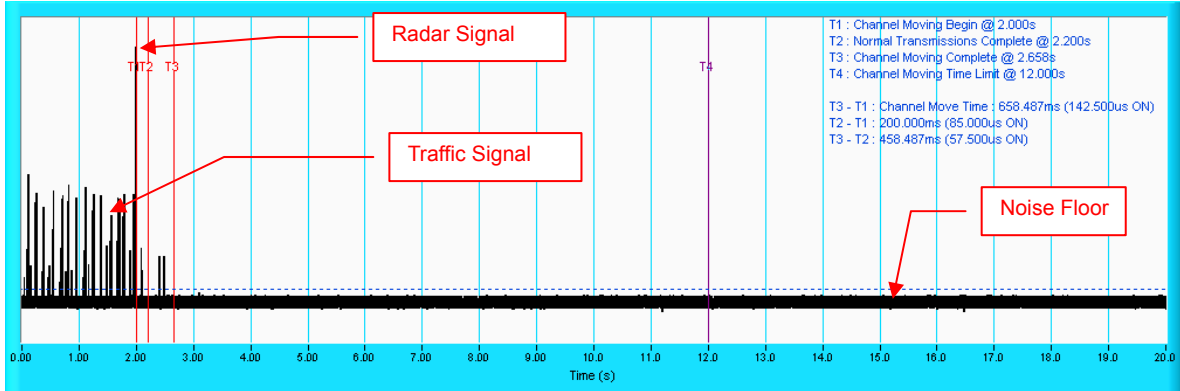
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



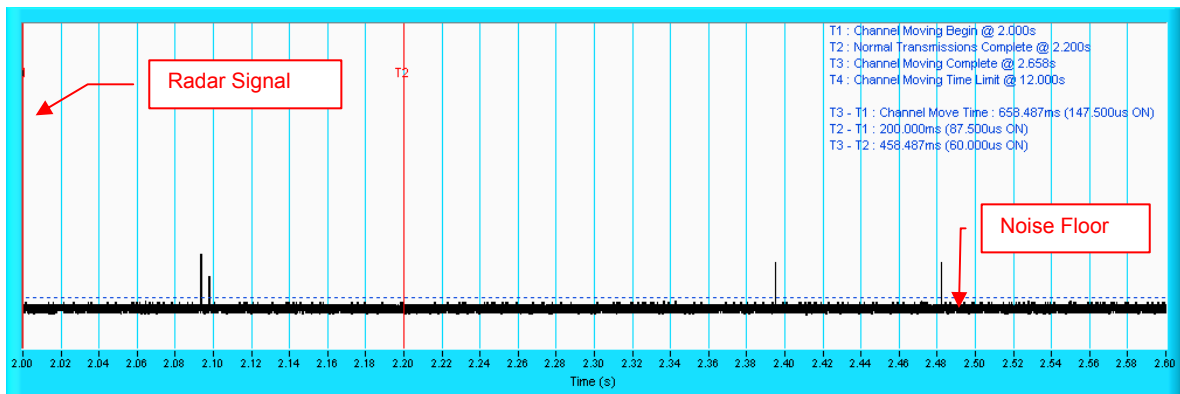
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 2

### IEEE 802.11n 20MHz



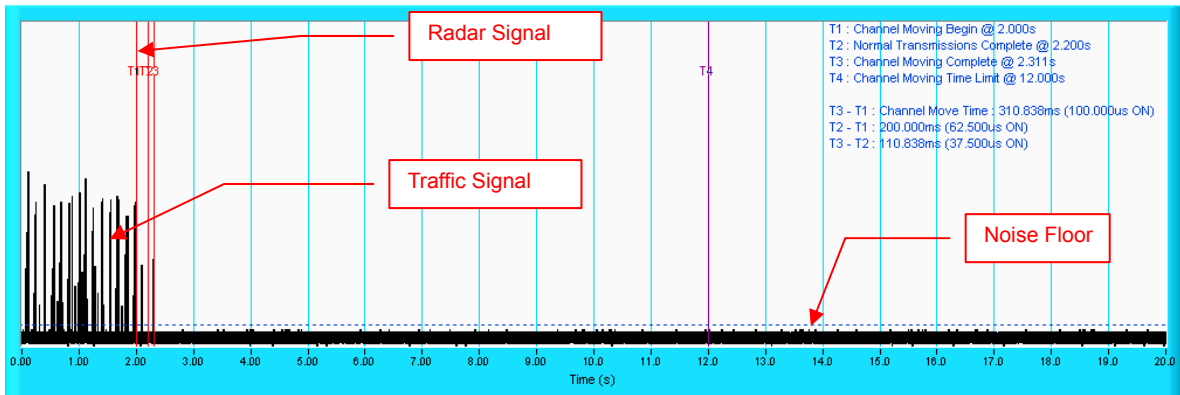
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



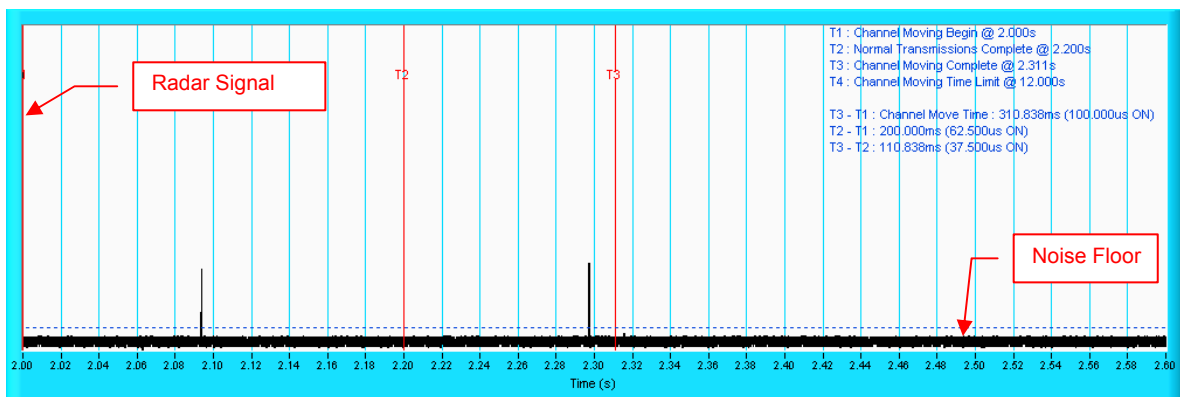
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 3

### IEEE 802.11n 20MHz



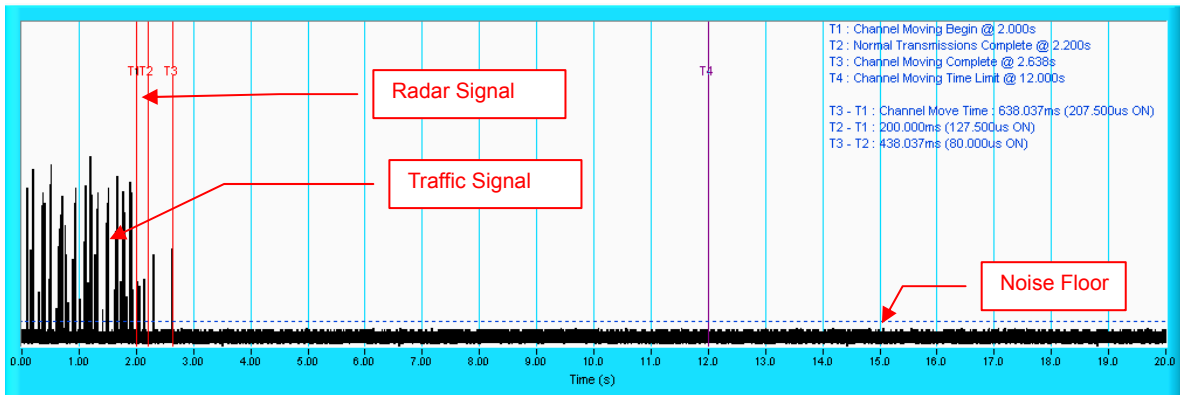
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



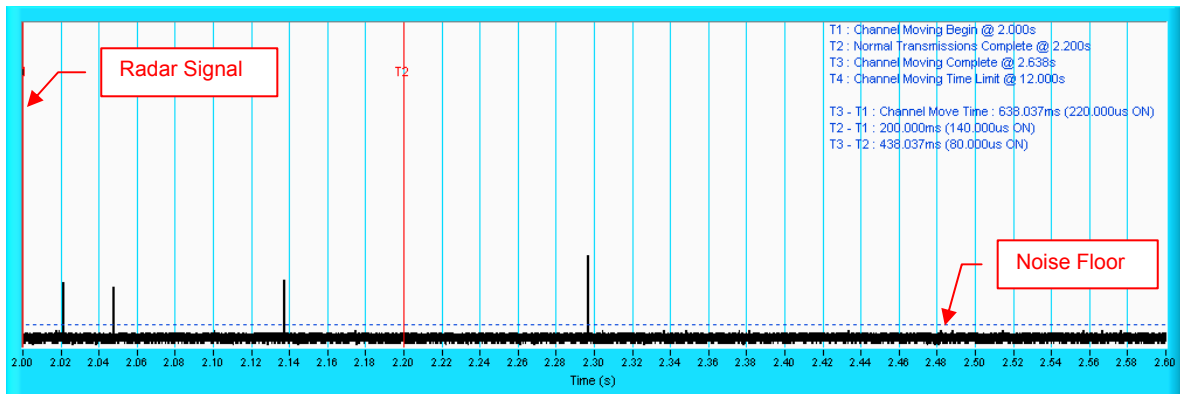
**NOTE:** Room-in of the first 600ms after radar signal applied.

## Radar signal 4

IEEE 802.11n 20MHz



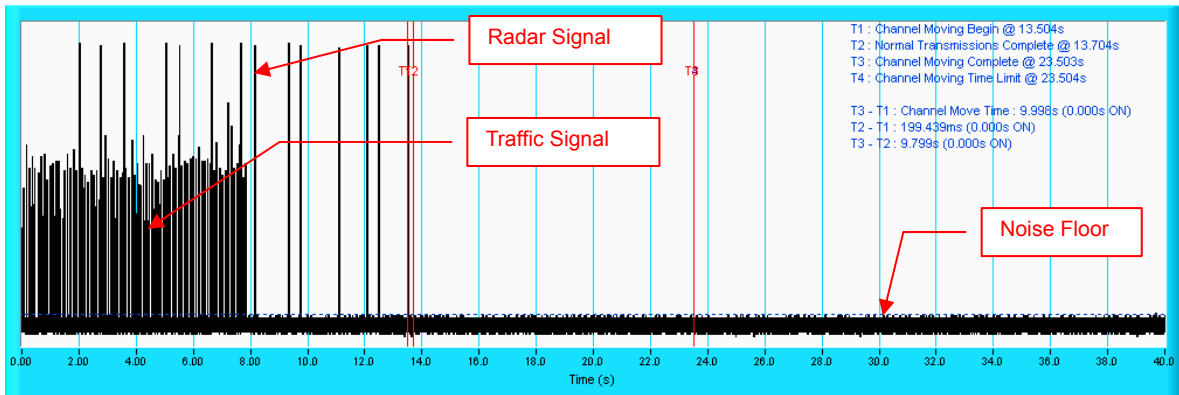
**NOTE:** T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



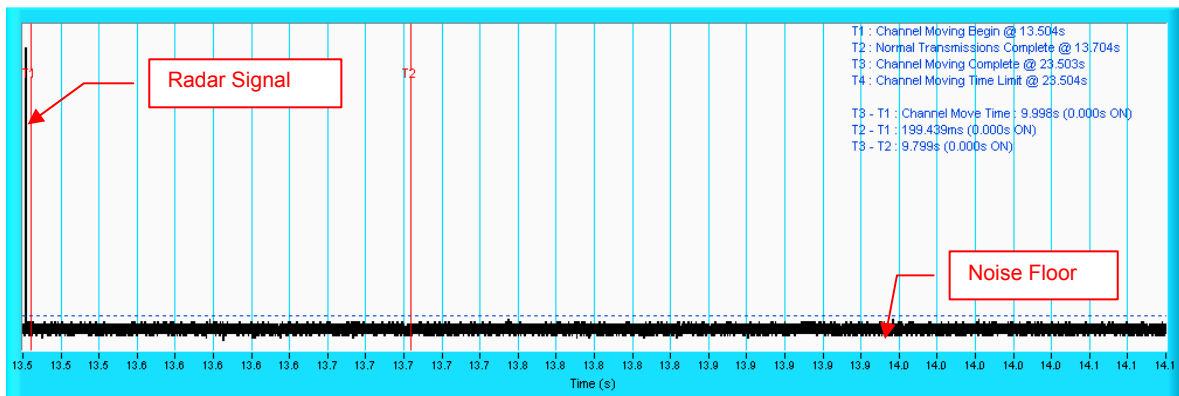
**NOTE:** Room-in of the first 600ms after radar signal applied.

## 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.

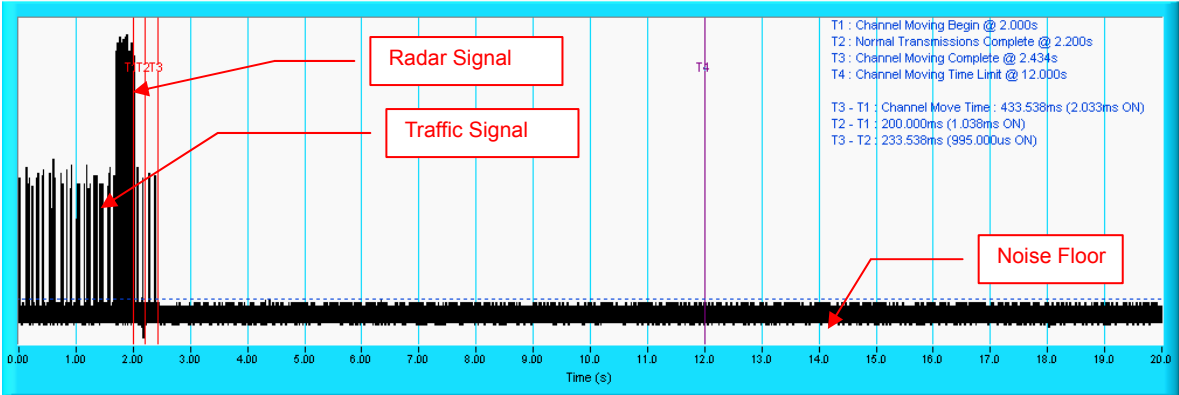


**NOTE:** Room-in of the first 600ms after radar signal applied.

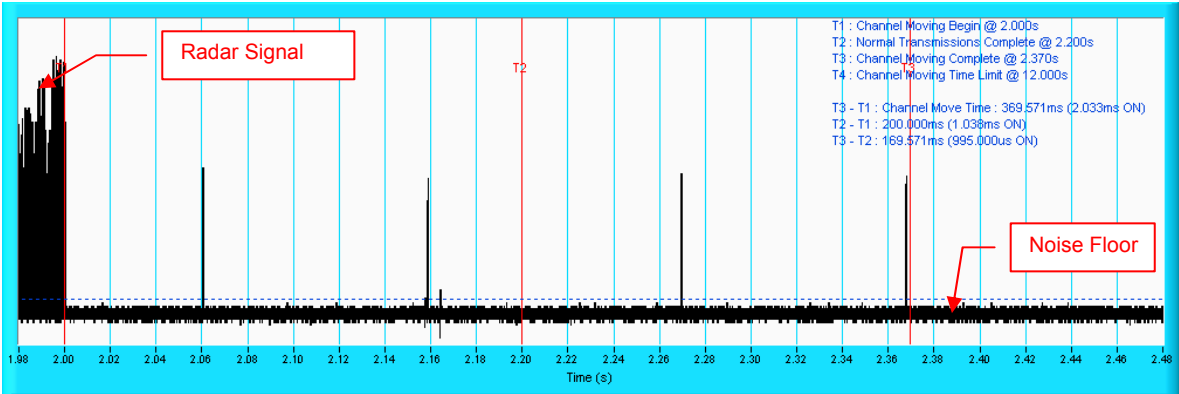


# Radar signal 6

## 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.

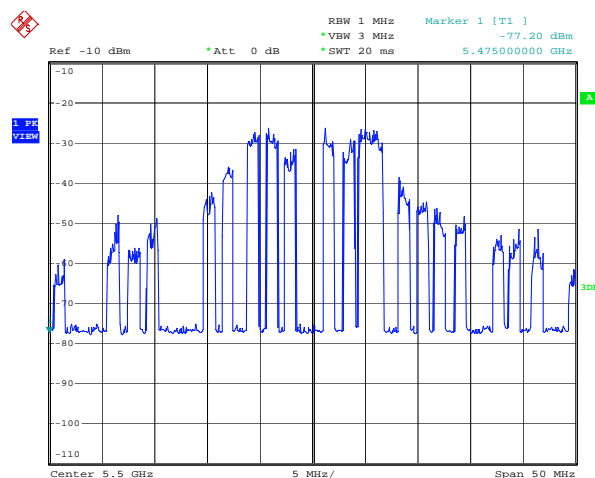
## 6.2.5 NON-OCCUPANCY PERIOD

### Associate test:

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

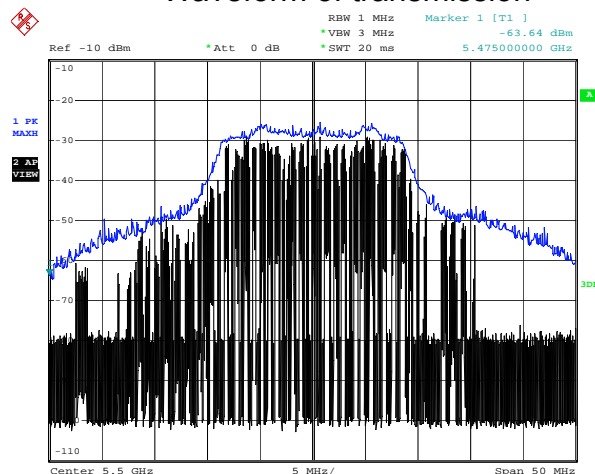
#### 1) EUT links up with Client at 5500MHz.

Waveform of EUT links up with Master



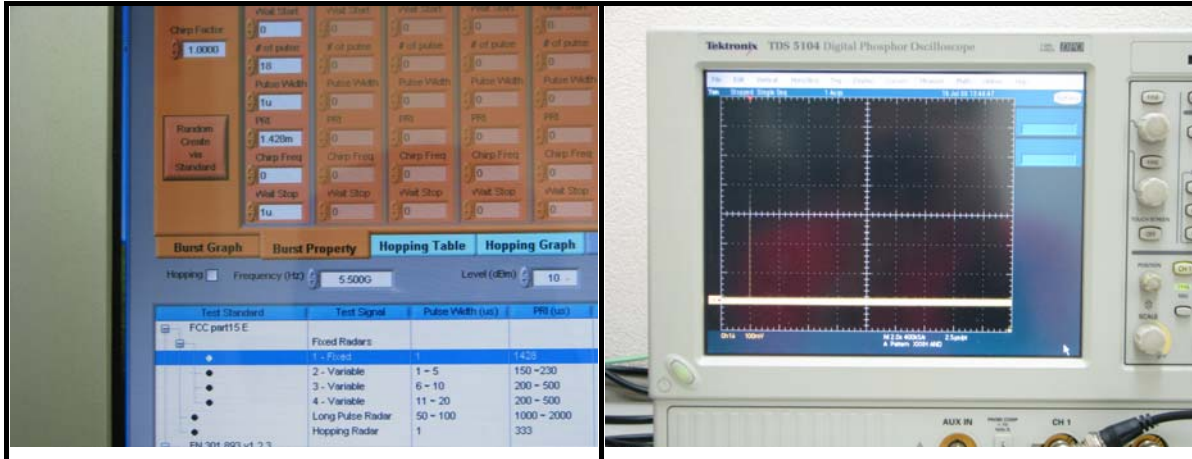
#### 2) Client plays specified files via master.

Waveform of transmission



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

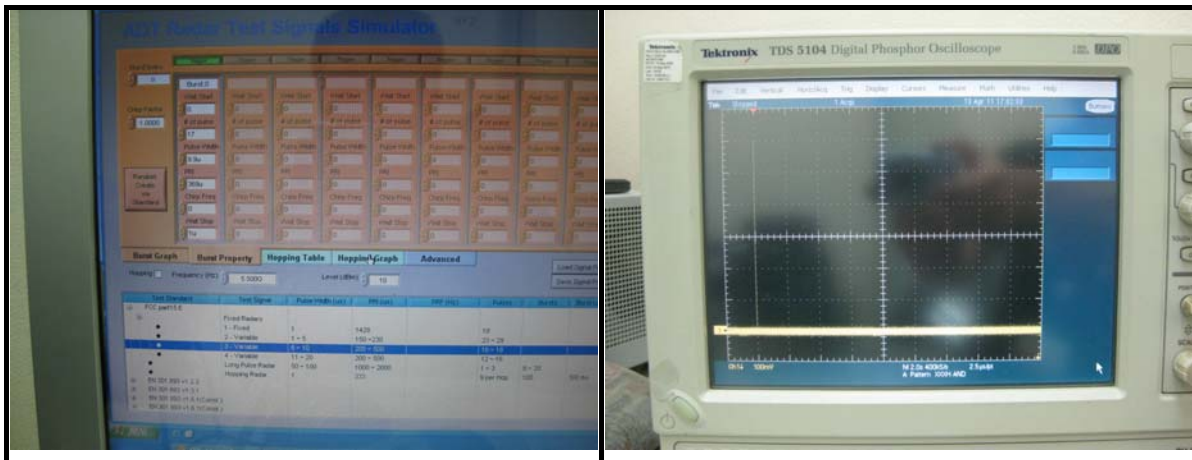
### Radar 1



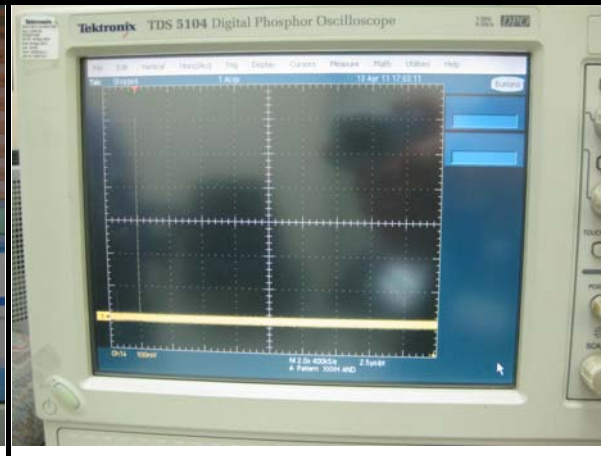
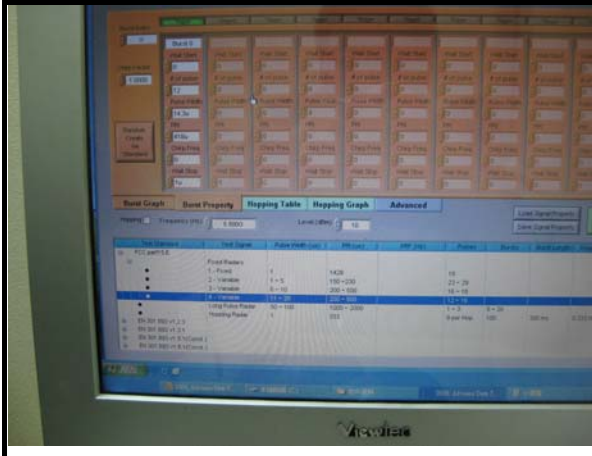
### Radar 2



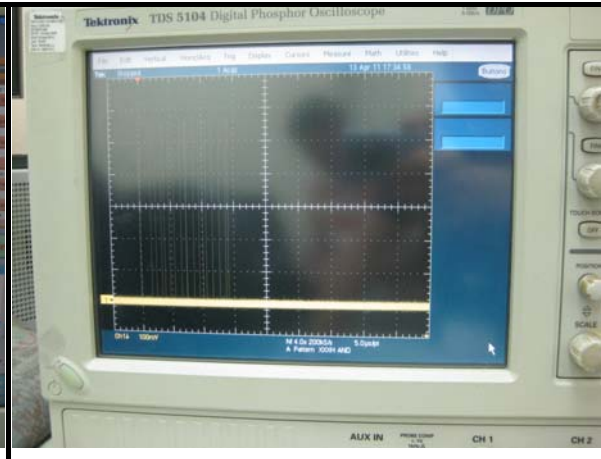
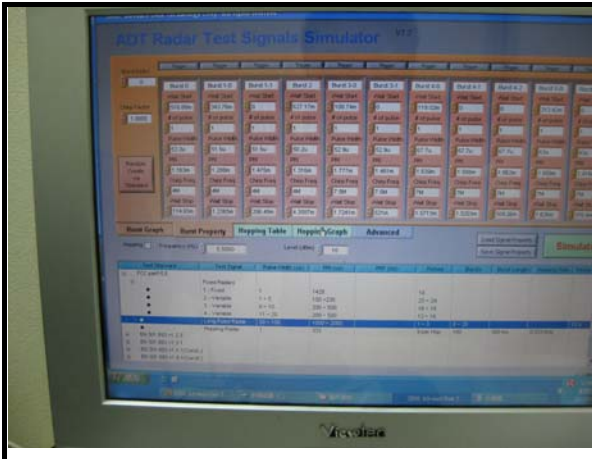
### Radar 3



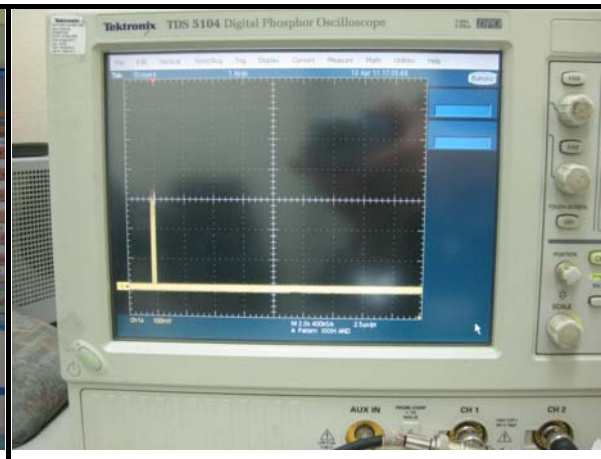
### Radar 4



### Radar 5



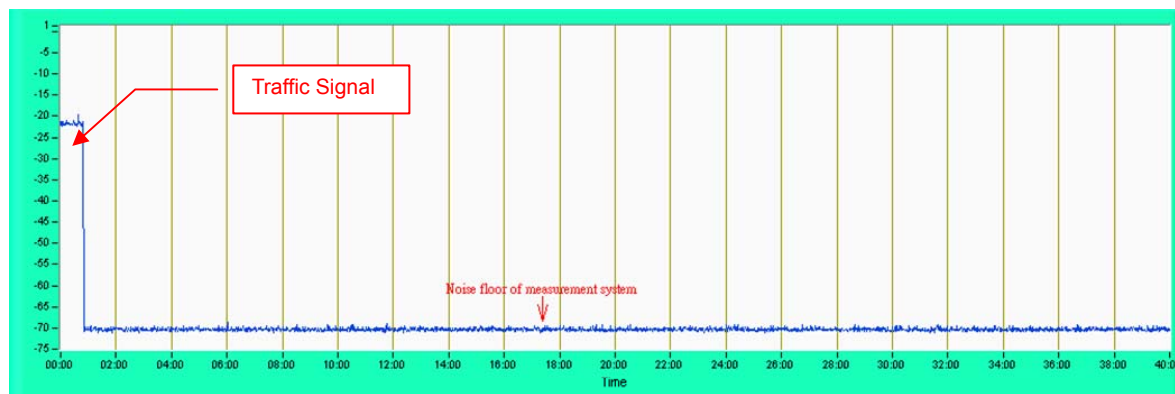
### Radar 6



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

Plot of 30minutes period

IEEE 802.11n 20MHz



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

## 6.2.6 UNIFORM SPREADING

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

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



## 7. TESTING LABORATORIES INFORMATION

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

Copies of accreditation and authorization certificates of our laboratories obtained from approval agencies can be downloaded from our web site: [www.adt.com.tw/index.5.phtml](http://www.adt.com.tw/index.5.phtml). If you have any comments, please feel free to contact us at the following:

**Linko EMC/RF Lab:**

Tel: 886-2-26052180

Fax: 886-2-26051924

**Hsin Chu EMC/RF Lab:**

Tel: 886-3-5935343

Fax: 886-3-5935342

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Fax: 886-3-3185050

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

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## Annex-A

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

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	2.3u	160.0u	Yes
2	26	1.4u	206.0u	Yes
3	25	2.5u	217.0u	Yes
4	28	3.8u	229.0u	Yes
5	29	1.9u	230.0u	No
6	25	4.4u	228.0u	Yes
7	26	4.4u	151.0u	Yes
8	25	3.1u	161.0u	Yes
9	24	1.2u	157.0u	Yes
10	23	1.3u	185.0u	No
11	24	3.8u	207.0u	Yes
12	27	1.3u	215.0u	Yes
13	26	2.5u	185.0u	Yes
14	27	2.1u	229.0u	Yes
15	23	3.5u	187.0u	Yes
16	24	4.9u	196.0u	Yes
17	25	2.4u	201.0u	Yes
18	24	4.8u	218.0u	Yes
19	24	4.1u	184.0u	Yes
20	29	1.2u	194.0u	Yes
21	25	3.2u	170.0u	Yes
22	28	2.7u	194.0u	Yes
23	25	2.7u	158.0u	Yes
24	25	1.1u	218.0u	Yes
25	24	4.6u	193.0u	Yes
26	28	3.0u	196.0u	Yes
27	28	3.1u	193.0u	Yes
28	27	2.1u	227.0u	Yes
29	28	4.0u	230.0u	Yes
30	27	3.6u	209.0u	Yes
Detection Rate: 93.3 %				



Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	6.3u	374.0u	Yes
2	17	6.0u	208.0u	Yes
3	18	8.9u	226.0u	Yes
4	17	6.3u	466.0u	Yes
5	18	7.3u	213.0u	Yes
6	18	8.1u	409.0u	Yes
7	18	6.2u	312.0u	Yes
8	17	8.5u	369.0u	Yes
9	17	7.7u	420.0u	Yes
10	17	6.3u	326.0u	Yes
11	17	9.2u	413.0u	Yes
12	18	7.4u	394.0u	Yes
13	16	8.8u	346.0u	Yes
14	16	8.7u	444.0u	Yes
15	16	6.1u	483.0u	Yes
16	17	6.3u	428.0u	Yes
17	17	6.1u	271.0u	Yes
18	17	7.2u	303.0u	Yes
19	17	8.4u	201.0u	Yes
20	17	8.0u	348.0u	Yes
21	17	8.2u	309.0u	Yes
22	17	6.1u	488.0u	Yes
23	17	8.3u	321.0u	Yes
24	17	6.2u	347.0u	Yes
25	16	8.9u	342.0u	Yes
26	17	9.2u	206.0u	Yes
27	16	9.1u	481.0u	Yes
28	17	8.5u	396.0u	Yes
29	18	7.1u	306.0u	Yes
30	18	9.6u	296.0u	Yes
Detection Rate: 100.0 %				

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	15	13.6u	251.0u	Yes
2	14	15.0u	214.0u	Yes
3	14	13.6u	248.0u	Yes
4	14	19.7u	359.0u	Yes
5	12	14.0u	446.0u	Yes
6	13	15.3u	468.0u	Yes
7	12	15.4u	201.0u	Yes
8	14	12.5u	369.0u	Yes
9	14	12.6u	227.0u	Yes
10	16	13.6u	404.0u	Yes
11	13	11.9u	402.0u	Yes
12	15	14.3u	466.0u	Yes
13	14	18.4u	399.0u	Yes
14	15	12.2u	219.0u	Yes
15	15	18.4u	460.0u	Yes
16	14	11.9u	429.0u	Yes
17	13	18.5u	331.0u	Yes
18	15	17.0u	472.0u	Yes
19	16	16.0u	355.0u	Yes
20	16	18.8u	418.0u	Yes
21	14	15.8u	448.0u	Yes
22	13	16.6u	475.0u	Yes
23	14	19.4u	277.0u	No
24	13	19.6u	308.0u	Yes
25	14	13.4u	444.0u	Yes
26	15	14.0u	202.0u	Yes
27	15	18.9u	423.0u	Yes
28	15	18.6u	459.0u	Yes
29	13	13.5u	413.0u	Yes
30	15	14.2u	367.0u	Yes
Detection Rate: 96.7 %				

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

The Long Pulse Radar pattern showed in Annex A.2

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

The Frequency Hopping Radar pattern showed in Annex A.3

**IEEE 802.11n 40MHz**

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

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	2.8u	204.0u	Yes
2	29	1.1u	202.0u	Yes
3	25	2.9u	224.0u	Yes
4	27	4.0u	228.0u	Yes
5	26	4.3u	165.0u	Yes
6	23	1.1u	208.0u	Yes
7	25	3.3u	224.0u	Yes
8	26	4.1u	160.0u	Yes
9	27	4.7u	215.0u	Yes
10	25	3.8u	198.0u	Yes
11	29	4.7u	203.0u	Yes
12	27	5.0u	170.0u	Yes
13	26	1.0u	156.0u	Yes
14	26	3.0u	186.0u	Yes
15	23	4.9u	213.0u	Yes
16	25	4.6u	190.0u	Yes
17	23	1.1u	151.0u	Yes
18	29	1.4u	218.0u	Yes
19	28	3.0u	162.0u	Yes
20	28	3.4u	192.0u	Yes
21	25	2.2u	204.0u	Yes
22	24	2.2u	209.0u	Yes
23	26	3.2u	197.0u	Yes
24	28	4.1u	208.0u	Yes
25	27	3.4u	194.0u	Yes
26	29	1.6u	161.0u	Yes
27	25	4.6u	189.0u	Yes
28	25	2.5u	177.0u	Yes
29	24	4.7u	165.0u	Yes
30	27	4.4u	214.0u	Yes
Detection Rate: 100.0 %				

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.4u	300.0u	Yes
2	16	7.4u	437.0u	Yes
3	17	6.3u	491.0u	Yes
4	17	8.4u	214.0u	Yes
5	16	9.4u	262.0u	Yes
6	18	7.0u	385.0u	Yes
7	17	6.7u	324.0u	Yes
8	16	7.0u	356.0u	Yes
9	17	6.1u	321.0u	Yes
10	18	6.2u	497.0u	Yes
11	17	7.4u	446.0u	Yes
12	18	6.9u	353.0u	Yes
13	16	8.6u	403.0u	Yes
14	17	9.5u	302.0u	Yes
15	16	6.2u	465.0u	Yes
16	18	7.2u	321.0u	Yes
17	16	9.3u	224.0u	Yes
18	18	8.6u	427.0u	Yes
19	16	9.6u	241.0u	Yes
20	16	9.9u	224.0u	Yes
21	17	9.5u	402.0u	Yes
22	16	8.2u	407.0u	Yes
23	18	8.4u	321.0u	Yes
24	18	9.0u	231.0u	Yes
25	16	9.7u	223.0u	Yes
26	16	9.8u	452.0u	Yes
27	17	7.9u	345.0u	Yes
28	18	8.2u	350.0u	Yes
29	16	6.2u	450.0u	Yes
30	17	6.1u	333.0u	Yes
				Detection Rate: 100.0 %

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	15.0u	373.0u	Yes
2	15	13.0u	370.0u	Yes
3	15	14.9u	225.0u	Yes
4	14	18.3u	419.0u	Yes
5	12	14.9u	295.0u	Yes
6	14	13.4u	499.0u	Yes
7	15	13.0u	372.0u	Yes
8	15	19.3u	391.0u	Yes
9	13	12.5u	262.0u	Yes
10	12	15.3u	317.0u	Yes
11	15	11.3u	233.0u	Yes
12	14	15.6u	360.0u	Yes
13	15	15.5u	333.0u	Yes
14	13	13.0u	425.0u	Yes
15	13	15.0u	439.0u	Yes
16	12	14.5u	286.0u	Yes
17	14	15.9u	350.0u	Yes
18	13	12.8u	465.0u	Yes
19	15	15.5u	331.0u	Yes
20	15	12.3u	222.0u	Yes
21	14	14.8u	280.0u	Yes
22	14	13.5u	310.0u	Yes
23	16	14.6u	242.0u	Yes
24	13	11.2u	422.0u	Yes
25	14	15.1u	470.0u	Yes
26	13	12.4u	449.0u	Yes
27	15	15.6u	231.0u	Yes
28	14	16.9u	221.0u	Yes
29	13	14.1u	239.0u	Yes
30	14	13.0u	200.0u	Yes
Detection Rate: 100.0 %				



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

The Long Pulse Radar pattern showed in Annex A.2

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

The Frequency Hopping Radar pattern showed in Annex A.3

**Annex-A2: The Long Pulse Radar Pattern  
IEEE 802.11n 20MHz**

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 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	8M	62.6u	1.463m	-	98.12m
2	2	15M	62.2u	1.587m	-	12.95m
3	1	8M	69.2u	-	-	424.6m
4	3	11M	92.1u	1.217m	1.646m	687.3m
5	3	5M	51.0u	1.314m	1.915m	266.1m
6	1	17M	79.1u	-	-	408.2m
7	2	10M	67.4u	1.164m	-	494.7m
8	3	10M	71.4u	1.509m	1.187m	202.2m
9	2	15M	73.6u	1.277m	-	826.4m
10	3	8M	96.2u	1.628m	1.360m	70.76m
11	1	7M	97.2u	-	-	184.4m
12	2	19M	74.7u	1.757m	-	197.8m
13	1	14M	62.0u	-	-	128.7m
14	1	15M	99.4u	-	-	589.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
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	5M	58.1u	-	-	915.0m
2	1	6M	98.7u	-	-	500.7m
3	2	8M	90.8u	1.263m	-	178.0m
4	2	10M	91.0u	1.428m	-	870.8m
5	3	7M	92.4u	1.748m	1.181m	219.7m
6	1	12M	61.6u	-	-	1.050
7	1	11M	72.7u	-	-	1.046
8	2	17M	59.6u	1.562m	-	42.57m
9	3	13M	77.8u	1.810m	1.315m	128.4m
10	2	6M	97.0u	1.801m	-	1.146

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
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	16M	77.9u	1.687m	-	698.1m
2	2	11M	58.6u	1.557m	-	439.6m
3	2	13M	96.2u	1.222m	-	61.06m
4	2	8M	71.8u	1.431m	-	763.4m
5	3	7M	89.4u	1.011m	1.711m	107.9m
6	3	10M	61.2u	1.921m	1.324m	186.5m
7	2	13M	97.1u	1.813m	-	362.0m
8	3	15M	93.9u	1.665m	1.261m	459.3m
9	2	16M	75.7u	1.145m	-	215.1m
10	1	8M	71.5u	-	-	582.5m
11	2	15M	83.0u	1.887m	-	778.4m
12	1	15M	79.6u	-	-	107.4m
13	2	17M	52.9u	1.705m	-	207.7m
14	2	14M	94.8u	1.194m	-	409.2m
15	2	17M	86.9u	1.468m	-	562.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	86.9u	1.638m	1.383m	665.2m
2	3	7M	60.2u	1.806m	1.255m	482.4m
3	2	11M	96.2u	1.606m	-	466.1m
4	1	17M	83.3u	-	-	468.7m
5	1	19M	81.3u	-	-	383.2m
6	2	6M	57.8u	1.655m	-	274.4m
7	3	8M	54.9u	1.722m	1.699m	340.9m
8	3	8M	77.9u	1.121m	1.857m	585.5m
9	3	19M	74.5u	1.692m	1.150m	90.88m
10	1	20M	56.5u	-	-	560.0m
11	2	13M	51.9u	1.825m	-	450.4m
12	2	12M	73.6u	1.345m	-	551.7m
13	1	11M	85.3u	-	-	204.8m
14	2	12M	70.9u	1.530m	-	454.2m
15	1	19M	67.8u	-	-	490.9m
16	3	15M	90.5u	1.878m	1.843m	227.4m
17	1	9M	74.2u	-	-	277.1m

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	2	12M	55.2u	1.379m	-	358.5m
2	1	8M	70.7u	-	-	147.6m
3	1	13M	52.0u	-	-	107.4m
4	2	14M	84.5u	1.887m	-	100.4m
5	3	8M	64.1u	1.222m	1.631m	301.1m
6	3	11M	82.6u	1.770m	1.114m	431.5m
7	3	6M	96.6u	1.438m	1.823m	722.0m
8	2	8M	96.4u	1.374m	-	280.4m
9	2	13M	84.0u	1.029m	-	278.1m
10	1	20M	55.2u	-	-	522.2m
11	2	17M	66.5u	1.114m	-	43.99m
12	3	15M	60.7u	1.381m	1.566m	111.2m
13	1	18M	92.3u	-	-	200.8m
14	1	10M	59.0u	-	-	855.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
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	12M	85.7u	-	-	347.2m
2	1	12M	89.0u	-	-	81.25m
3	2	18M	94.4u	1.492m	-	24.58m
4	3	15M	70.8u	1.072m	1.746m	925.4m
5	1	19M	63.2u	-	-	733.5m
6	2	10M	72.9u	1.071m	-	1.291
7	3	19M	92.4u	1.113m	1.581m	304.6m
8	1	16M	63.1u	-	-	934.3m
9	3	9M	64.6u	1.743m	1.225m	182.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	71.0u	935.0u	-	578.2m
2	3	13M	75.9u	1.767m	1.451m	45.49m
3	2	8M	85.9u	1.268m	-	165.8m
4	1	9M	90.3u	-	-	296.1m
5	1	18M	94.1u	-	-	46.15m
6	1	13M	71.4u	-	-	298.0m
7	2	15M	69.8u	1.655m	-	450.0m
8	3	19M	65.8u	1.581m	945.2u	421.6m
9	1	14M	94.8u	-	-	54.99m
10	2	11M	90.1u	949.9u	-	456.3m
11	1	12M	63.1u	-	-	169.5m
12	1	13M	79.2u	-	-	169.6m
13	2	14M	62.1u	1.228m	-	310.9m
14	2	10M	69.1u	1.731m	-	79.89m
15	2	13M	83.5u	1.698m	-	248.0m
16	3	9M	86.7u	1.886m	1.144m	507.1m
17	1	5M	71.6u	-	-	270.7m
18	3	11M	66.8u	1.324m	1.139m	372.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
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	7M	77.8u	1.388m	1.334m	481.4m
2	1	17M	64.8u	-	-	6.373m
3	2	8M	97.4u	1.325m	-	73.17m
4	1	8M	68.2u	-	-	64.28m
5	3	6M	99.1u	983.9u	1.173m	92.18m
6	2	6M	51.1u	1.180m	-	639.2m
7	3	19M	51.5u	1.678m	978.5u	520.3m
8	2	7M	83.2u	1.255m	-	124.2m
9	1	16M	96.0u	-	-	672.9m
10	1	12M	63.4u	-	-	14.16m
11	3	8M	58.2u	1.856m	1.744m	88.68m
12	2	13M	87.3u	1.449m	-	47.80m
13	1	9M	60.0u	-	-	435.8m
14	2	8M	94.8u	1.710m	-	697.2m
15	3	19M	65.7u	1.877m	1.205m	221.2m
16	3	16M	93.6u	1.276m	982.4u	18.09m
17	1	10M	84.5u	-	-	105.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	88.2u	1.009m	-	26.55m
2	2	6M	79.5u	1.772m	-	1.322
3	2	5M	68.6u	974.4u	-	124.2m
4	2	20M	89.5u	1.762m	-	499.4m
5	2	16M	84.0u	1.623m	-	272.7m
6	2	11M	75.7u	1.716m	-	983.6m
7	2	14M	92.1u	1.034m	-	1.174
8	2	19M	64.9u	1.700m	-	420.3m
9	2	19M	74.8u	1.569m	-	572.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	51.3u	-	-	672.6m
2	1	8M	80.8u	-	-	282.4m
3	2	15M	76.5u	1.506m	-	629.3m
4	3	15M	90.3u	1.186m	1.291m	483.5m
5	1	18M	69.5u	-	-	702.0m
6	2	18M	59.4u	1.909m	-	360.3m
7	3	7M	74.1u	1.840m	1.375m	94.05m
8	2	15M	78.9u	1.360m	-	591.0m
9	2	14M	61.9u	1.882m	-	216.7m
10	3	16M	69.4u	1.116m	1.493m	459.0m
11	1	13M	61.3u	-	-	425.7m
12	3	20M	83.6u	1.896m	1.697m	194.5m
13	2	10M	65.3u	1.123m	-	299.6m
14	2	18M	56.4u	1.084m	-	227.0m
15	3	12M	90.8u	1.095m	1.676m	528.6m
16	3	6M	77.6u	1.450m	931.4u	698.4m
17	3	20M	83.2u	1.159m	1.561m	155.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
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	5M	64.7u	1.563m	-	163.6m
2	3	7M	76.3u	1.167m	1.742m	252.7m
3	3	17M	71.8u	1.720m	1.706m	754.7m
4	1	8M	59.0u	-	-	189.9m
5	1	13M	98.4u	-	-	102.8m
6	1	12M	86.5u	-	-	473.1m
7	2	14M	82.4u	1.632m	-	233.8m
8	1	15M	53.7u	-	-	827.6m
9	2	8M	92.4u	1.775m	-	536.7m
10	3	18M	79.2u	1.122m	1.667m	180.3m
11	2	13M	82.8u	943.2u	-	919.4m
12	3	10M	66.3u	1.373m	1.073m	286.3m
13	2	6M	63.2u	1.660m	-	873.3m



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	8M	97.4u	1.618m	-	165.3m
2	3	15M	91.7u	1.775m	1.296m	99.73m
3	2	13M	94.7u	1.421m	-	1.084
4	2	9M	70.8u	1.711m	-	448.1m
5	2	9M	55.4u	1.261m	-	903.2m
6	3	18M	84.4u	1.010m	1.015m	945.0m
7	2	11M	93.4u	1.028m	-	1.079
8	2	18M	85.8u	1.338m	-	136.0m
9	2	12M	72.9u	1.556m	-	575.3m
10	2	20M	84.3u	1.344m	-	58.54m
11	3	10M	76.0u	1.836m	1.583m	912.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	52.5u	1.803m	1.494m	658.6m
2	1	15M	99.0u	-	-	397.1m
3	2	15M	66.1u	1.398m	-	721.5m
4	1	7M	96.5u	-	-	298.3m
5	2	8M	89.3u	1.437m	-	7.964m
6	2	11M	94.1u	1.593m	-	965.2m
7	3	14M	86.5u	1.561m	1.078m	602.3m
8	2	17M	63.1u	1.069m	-	80.12m
9	2	8M	65.6u	1.676m	-	584.1m
10	1	8M	87.4u	-	-	547.9m
11	2	9M	75.4u	1.281m	-	945.1m
12	2	15M	94.6u	1.319m	-	456.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	66.0u	1.510m	-	748.4m
2	2	11M	62.5u	1.195m	-	626.7m
3	3	16M	67.1u	1.092m	1.201m	756.6m
4	1	19M	69.3u	-	-	60.94m
5	2	7M	95.1u	1.815m	-	947.9m
6	3	9M	77.8u	1.219m	1.565m	159.4m
7	2	6M	92.4u	1.723m	-	780.9m
8	1	6M	78.9u	-	-	1.175

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	95.4u	-	-	229.3m
2	1	19M	88.6u	-	-	505.5m
3	1	14M	80.8u	-	-	2.926m
4	2	16M	76.6u	989.4u	-	313.7m
5	2	6M	58.1u	1.663m	-	488.4m
6	1	17M	87.1u	-	-	416.5m
7	3	7M	86.7u	1.211m	1.722m	346.5m
8	3	15M	59.5u	1.333m	1.218m	183.6m
9	1	9M	54.1u	-	-	420.8m
10	1	6M	99.2u	-	-	288.2m
11	2	7M	60.5u	1.170m	-	180.2m
12	1	15M	87.7u	-	-	695.4m
13	3	14M	87.8u	1.532m	914.2u	386.0m
14	3	11M	85.2u	1.520m	1.779m	447.6m
15	2	16M	79.2u	1.012m	-	462.8m
16	2	7M	81.2u	942.8u	-	483.4m
17	2	9M	95.0u	1.803m	-	541.1m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	62.4u	1.628m	-	680.1m
2	1	11M	58.2u	-	-	353.1m
3	2	9M	54.3u	1.837m	-	172.8m
4	2	17M	66.9u	1.755m	-	50.97m
5	3	7M	52.2u	1.846m	1.716m	178.2m
6	2	6M	94.7u	1.673m	-	407.3m
7	2	19M	53.8u	1.258m	-	536.7m
8	2	11M	79.3u	1.252m	-	282.0m
9	1	19M	80.1u	-	-	600.4m
10	1	18M	88.4u	-	-	473.4m
11	1	17M	96.5u	-	-	63.13m
12	3	12M	57.2u	993.8u	1.480m	64.51m
13	2	19M	54.5u	1.895m	-	38.63m

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	1	12M	58.5u	-	-	495.0m
2	2	7M	90.8u	1.752m	-	597.8m
3	3	15M	99.2u	1.740m	1.884m	43.06m
4	3	7M	56.6u	1.209m	1.007m	491.4m
5	2	19M	77.8u	1.144m	-	769.5m
6	1	7M	58.2u	-	-	265.1m
7	3	9M	92.4u	1.746m	1.473m	11.23m
8	2	14M	78.6u	1.190m	-	696.0m
9	1	18M	99.9u	-	-	505.8m
10	2	12M	66.4u	1.043m	-	539.0m
11	3	9M	58.8u	1.140m	1.741m	539.7m
12	1	10M	92.6u	-	-	14.17m
13	2	17M	91.5u	1.001m	-	789.2m
14	3	18M	85.6u	1.719m	1.578m	597.9m
15	2	9M	68.6u	1.824m	-	431.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	54.7u	1.153m	-	296.4m
2	3	16M	55.8u	1.885m	1.878m	76.21m
3	1	18M	94.0u	-	-	349.8m
4	2	19M	54.6u	1.316m	-	288.7m
5	3	10M	77.1u	1.247m	938.9u	111.2m
6	3	6M	90.5u	1.214m	1.067m	354.1m
7	2	14M	59.3u	1.725m	-	429.0m
8	1	11M	58.7u	-	-	537.2m
9	3	10M	99.9u	1.583m	1.688m	615.5m
10	1	13M	88.3u	-	-	446.4m
11	2	8M	59.5u	1.743m	-	467.6m
12	1	18M	54.6u	-	-	345.9m
13	2	9M	86.9u	1.439m	-	190.2m
14	3	6M	58.4u	1.268m	1.917m	631.6m
15	1	10M	59.1u	-	-	611.2m
16	3	12M	67.1u	1.519m	1.275m	254.8m
17	1	9M	63.7u	-	-	647.6m
18	1	19M	52.2u	-	-	341.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
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	18M	57.4u	1.386m	1.268m	382.5m
2	2	11M	96.3u	1.393m	-	112.0m
3	2	15M	73.8u	1.810m	-	724.1m
4	1	16M	60.5u	-	-	537.2m
5	3	11M	80.7u	1.573m	1.448m	259.8m
6	2	11M	53.4u	982.6u	-	693.1m
7	3	11M	58.7u	1.569m	948.3u	279.1m
8	1	9M	82.9u	-	-	417.7m
9	2	6M	91.0u	1.149m	-	551.9m
10	3	11M	79.3u	1.301m	1.237m	29.18m
11	2	6M	60.8u	1.777m	-	641.2m
12	3	14M	65.1u	1.730m	1.400m	194.4m
13	2	19M	97.7u	1.206m	-	667.0m
14	1	16M	94.4u	-	-	264.6m

15	2	6M	91.9u	958.1u	-	6.506m
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Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
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	14M	98.6u	1.198m	1.062m	396.9m
2	2	18M	56.8u	1.468m	-	705.1m
3	2	19M	78.7u	1.205m	-	603.7m
4	2	13M	91.2u	1.005m	-	14.77m
5	2	16M	73.1u	985.9u	-	145.6m
6	3	10M	59.4u	1.180m	1.913m	560.4m
7	2	7M	53.1u	1.536m	-	688.6m
8	3	16M	54.4u	1.761m	1.914m	11.79m
9	2	9M	93.8u	1.525m	-	395.3m
10	1	8M	63.0u	-	-	457.1m
11	2	18M	68.3u	1.545m	-	491.7m
12	1	19M	72.8u	-	-	550.0m
13	3	5M	79.9u	1.900m	1.725m	382.1m
14	1	14M	61.6u	-	-	654.7m
15	3	19M	52.6u	1.333m	1.573m	568.0m
16	2	19M	83.8u	1.712m	-	484.9m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	76.3u	964.7u	959.7u	14.51m
2	3	17M	65.4u	1.005m	1.579m	381.5m
3	2	7M	73.5u	1.846m	-	442.0m
4	1	16M	83.5u	-	-	43.48m
5	3	9M	87.7u	1.224m	1.861m	303.5m
6	2	6M	51.5u	1.005m	-	659.6m
7	2	20M	80.3u	1.897m	-	504.5m
8	2	19M	97.7u	1.692m	-	104.1m
9	2	11M	72.1u	1.823m	-	128.3m
10	2	14M	98.9u	1.474m	-	607.8m
11	3	9M	75.1u	1.613m	1.216m	161.1m
12	2	19M	55.3u	1.810m	-	570.5m
13	2	10M	96.3u	1.694m	-	514.2m
14	1	15M	53.9u	-	-	64.34m
15	3	11M	54.3u	1.735m	1.001m	417.3m
16	2	17M	90.6u	1.751m	-	224.5m
17	2	11M	93.5u	928.5u	-	76.97m
18	2	7M	51.0u	1.532m	-	510.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	79.0u	1.583m	-	601.4m
2	2	15M	68.9u	1.837m	-	666.1m
3	1	12M	56.1u	-	-	715.0m
4	2	10M	62.6u	1.549m	-	702.7m
5	3	9M	76.5u	1.569m	1.176m	653.3m
6	2	9M	70.0u	1.828m	-	677.6m
7	2	10M	94.6u	960.4u	-	53.75m
8	3	10M	62.0u	1.080m	1.589m	386.8m
9	1	6M	65.4u	-	-	783.9m
10	1	6M	53.8u	-	-	887.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	54.7u	1.683m	-	923.9m
2	2	11M	89.6u	1.487m	-	96.96m
3	2	15M	58.5u	1.625m	-	89.46m
4	2	10M	96.3u	1.446m	-	223.2m
5	2	17M	72.1u	977.9u	-	967.9m
6	3	9M	77.0u	989.0u	1.314m	121.2m
7	3	6M	73.5u	940.5u	1.723m	285.0m
8	2	20M	96.2u	1.102m	-	1.000
9	1	11M	54.7u	-	-	75.99m
10	1	19M	93.8u	-	-	401.9m
11	2	14M	67.4u	1.561m	-	574.0m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
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	18M	87.3u	1.262m	976.7u	593.8m
2	1	10M	60.9u	-	-	519.1m
3	1	15M	68.6u	-	-	757.3m
4	2	13M	69.7u	1.537m	-	850.5m
5	2	10M	50.0u	1.724m	-	741.7m
6	2	18M	98.9u	1.284m	-	38.31m
7	2	7M	81.1u	1.858m	-	3.085m
8	1	19M	54.8u	-	-	292.2m
9	3	16M	80.8u	1.272m	1.460m	528.2m
10	1	19M	75.6u	-	-	192.1m
11	2	11M	60.0u	1.618m	-	392.8m
12	2	12M	79.5u	1.644m	-	296.9m
13	3	12M	95.5u	945.5u	1.893m	4.328m
14	3	11M	85.3u	1.849m	1.169m	23.32m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	7M	68.6u	-	-	722.5m
2	2	17M	80.9u	1.727m	-	1.229
3	3	6M	82.7u	1.595m	1.417m	616.7m
4	1	6M	72.6u	-	-	165.1m
5	2	19M	71.5u	1.534m	-	440.4m
6	3	16M	95.2u	1.171m	1.517m	991.4m
7	3	7M	81.1u	1.387m	1.737m	676.4m
8	2	16M	65.1u	1.211m	-	540.6m
9	3	15M	95.6u	1.096m	1.897m	1.207

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
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	5M	91.7u	-	-	561.9m
2	1	11M	83.9u	-	-	254.4m
3	2	7M	89.5u	1.277m	-	561.7m
4	2	10M	82.8u	1.187m	-	410.1m
5	2	13M	87.2u	1.264m	-	493.8m
6	1	17M	58.4u	-	-	484.2m
7	2	12M	70.4u	1.387m	-	608.7m
8	1	20M	59.5u	-	-	189.6m
9	2	9M	60.2u	1.743m	-	259.7m
10	2	16M	98.2u	1.344m	-	83.85m
11	3	8M	72.3u	1.400m	1.325m	225.3m
12	2	6M	91.1u	1.806m	-	408.5m
13	3	8M	62.6u	1.167m	1.446m	575.5m
14	2	14M	97.3u	1.469m	-	391.5m
15	1	19M	67.8u	-	-	435.3m



Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	58.6u	1.780m	-	1.050
2	1	18M	76.7u	-	-	826.2m
3	1	14M	60.6u	-	-	99.98m
4	2	13M	96.6u	1.120m	-	585.3m
5	3	11M	80.2u	1.185m	1.533m	1.137
6	3	11M	71.1u	931.9u	1.122m	1.128
7	1	11M	67.6u	-	-	314.4m
8	2	10M	68.4u	1.611m	-	931.7m
9	3	9M	64.4u	1.420m	1.808m	772.6m
10	2	14M	65.0u	1.598m	-	291.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	80.1u	1.608m	-	288.3m
2	3	12M	70.8u	933.2u	1.556m	352.0m
3	2	9M	87.0u	1.364m	-	474.3m
4	2	11M	83.6u	1.525m	-	142.1m
5	3	7M	62.1u	1.342m	1.645m	408.0m
6	2	7M	93.9u	1.478m	-	390.7m
7	2	14M	98.1u	1.736m	-	306.7m
8	1	17M	89.3u	-	-	508.1m
9	1	8M	98.3u	-	-	535.8m
10	2	18M	93.2u	1.725m	-	160.0m
11	2	15M	73.9u	1.332m	-	554.4m
12	2	7M	78.6u	1.113m	-	104.3m
13	3	9M	86.8u	1.289m	1.526m	15.29m
14	1	9M	74.5u	-	-	346.1m
15	3	11M	50.9u	1.736m	1.864m	479.3m
16	2	6M	56.9u	1.097m	-	126.2m
17	2	19M	65.6u	1.165m	-	247.3m
18	2	10M	84.1u	1.458m	-	576.8m
19	2	8M	61.0u	1.730m	-	358.4m
20	1	10M	68.9u	-	-	26.65m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	17M	60.0u	1.138m	-	743.8m
2	2	19M	67.4u	1.379m	-	61.88m
3	2	11M	77.5u	1.221m	-	292.0m
4	1	8M	76.9u	-	-	364.1m
5	2	10M	86.6u	1.396m	-	120.5m
6	3	16M	59.1u	1.769m	985.9u	561.1m
7	2	6M	94.7u	1.443m	-	521.9m
8	2	9M	96.3u	1.239m	-	788.5m
9	2	17M	78.4u	1.338m	-	633.1m
10	2	6M	99.2u	1.056m	-	127.6m
11	3	20M	53.2u	1.272m	1.811m	649.7m
12	2	12M	51.2u	1.886m	-	668.3m
13	3	8M	77.9u	1.822m	1.579m	808.7m
14	1	6M	77.3u	-	-	272.7m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	63.4u	-	-	46.57m
2	1	6M	77.2u	-	-	581.7m
3	3	16M	75.7u	1.022m	1.164m	42.79m
4	1	14M	91.6u	-	-	458.9m
5	2	6M	68.0u	1.004m	-	243.7m
6	1	19M	86.8u	-	-	61.21m
7	1	6M	65.2u	-	-	615.9m
8	2	11M	72.6u	1.066m	-	369.1m
9	1	16M	57.8u	-	-	322.0m
10	1	11M	83.2u	-	-	454.4m
11	2	8M	69.3u	1.884m	-	387.9m
12	1	14M	68.9u	-	-	531.9m
13	3	17M	57.2u	1.186m	1.915m	600.8m
14	3	16M	51.5u	1.698m	1.243m	370.2m
15	1	8M	57.0u	-	-	121.6m
16	2	19M	73.4u	1.438m	-	352.9m
17	2	19M	75.5u	1.325m	-	617.2m

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Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
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	6M	56.2u	-	-	371.6m
2	1	17M	77.4u	-	-	583.9m
3	2	9M	75.8u	1.735m	-	517.7m
4	3	6M	81.1u	1.128m	1.228m	892.3m
5	3	17M	90.7u	1.289m	971.3u	797.1m
6	3	17M	57.8u	1.861m	1.516m	418.0m
7	1	14M	92.8u	-	-	494.7m
8	3	8M	59.9u	1.388m	1.254m	455.1m
9	1	17M	94.3u	-	-	129.3m
10	1	11M	50.5u	-	-	617.3m
11	2	18M	64.1u	1.734m	-	553.8m
12	2	15M	89.0u	1.296m	-	381.6m
13	3	10M	77.1u	1.332m	1.212m	622.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	78.5u	1.422m	-	125.7m
2	3	6M	56.5u	1.807m	1.542m	1.005
3	1	19M	85.3u	-	-	36.73m
4	1	10M	79.6u	-	-	88.45m
5	2	12M	67.6u	1.753m	-	1.451
6	1	10M	80.8u	-	-	1.271
7	2	12M	81.8u	1.021m	-	113.6m
8	2	18M	89.5u	1.598m	-	1.052

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	17M	55.8u	1.764m	-	830.9m
2	3	8M	78.4u	1.799m	1.561m	405.3m
3	1	17M	68.6u	-	-	163.8m
4	2	8M	95.3u	1.538m	-	243.9m
5	2	16M	82.9u	1.276m	-	232.3m
6	3	9M	92.5u	1.305m	1.618m	571.3m
7	2	6M	98.6u	1.226m	-	250.7m
8	1	19M	76.1u	-	-	382.4m
9	2	20M	62.5u	1.252m	-	394.8m
10	2	5M	88.3u	1.291m	-	654.7m
11	1	18M	93.8u	-	-	350.2m
12	1	8M	67.4u	-	-	120.1m
13	2	19M	57.9u	1.686m	-	584.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	60.5u	1.458m	1.138m	439.4m
2	3	17M	55.9u	1.236m	1.029m	545.7m
3	2	16M	66.9u	1.858m	-	203.2m
4	2	16M	56.9u	1.396m	-	946.2m
5	1	17M	61.7u	-	-	1.087
6	2	15M	76.2u	1.891m	-	778.3m
7	3	12M	95.5u	1.681m	1.094m	218.5m
8	2	8M	77.1u	1.308m	-	686.3m
9	2	19M	51.8u	1.166m	-	644.6m
10	3	19M	71.8u	1.288m	1.138m	607.0m
11	2	6M	95.8u	1.063m	-	80.50m

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	11M	66.6u	1.380m	-	496.3m
2	2	19M	76.1u	1.714m	-	624.3m
3	2	7M	91.5u	1.086m	-	306.0m
4	1	14M	87.9u	-	-	577.9m
5	1	16M	79.7u	-	-	571.9m
6	2	6M	70.3u	1.635m	-	554.4m
7	1	16M	90.5u	-	-	297.6m
8	2	6M	68.5u	1.799m	-	241.6m
9	1	11M	60.4u	-	-	613.0m
10	3	14M	77.5u	1.616m	1.822m	611.8m
11	2	8M	64.1u	1.427m	-	251.9m
12	1	15M	88.6u	-	-	164.2m
13	1	7M	95.6u	-	-	430.4m
14	1	8M	56.6u	-	-	502.7m
15	1	19M	65.7u	-	-	301.3m
16	3	8M	89.8u	1.800m	1.773m	28.26m
17	2	7M	58.6u	1.804m	-	241.8m

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	9M	94.3u	1.222m	-	599.8m
2	3	9M	55.5u	1.707m	1.273m	62.53m
3	2	12M	82.5u	967.5u	-	968.1m
4	2	18M	98.8u	1.342m	-	816.0m
5	1	11M	75.0u	-	-	1.047
6	3	20M	71.8u	1.366m	1.481m	658.8m
7	3	11M	94.0u	979.0u	1.434m	647.6m
8	1	14M	96.6u	-	-	1.130
9	2	7M	64.8u	1.311m	-	498.7m
10	2	8M	94.0u	1.184m	-	981.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	88.5u	959.5u	-	838.3m
2	2	17M	51.6u	1.633m	-	1.086
3	3	17M	62.6u	1.288m	1.017m	1.077
4	2	15M	76.0u	1.587m	-	723.3m
5	2	10M	76.3u	1.789m	-	545.7m
6	3	5M	77.8u	1.419m	1.814m	352.8m
7	3	19M	52.8u	1.942m	1.877m	993.4m
8	2	7M	85.1u	1.305m	-	1.183
9	3	7M	61.4u	1.538m	1.534m	1.020

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	95.7u	1.102m	-	1.039
2	2	19M	90.4u	1.535m	-	113.1m
3	2	16M	54.0u	1.506m	-	672.8m
4	2	9M	73.4u	1.332m	-	428.6m
5	1	10M	91.3u	-	-	842.6m
6	2	18M	63.5u	1.451m	-	803.0m
7	1	12M	83.4u	-	-	347.0m
8	3	7M	72.7u	1.326m	1.357m	612.3m
9	2	10M	80.5u	1.574m	-	225.6m
10	2	14M	87.6u	1.677m	-	380.6m
11	2	9M	79.9u	971.1u	-	966.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_09						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	90.7u	1.850m	1.053m	372.2m
2	3	16M	80.8u	1.839m	1.410m	414.3m
3	1	18M	58.6u	-	-	694.4m
4	2	14M	90.3u	1.690m	-	662.8m
5	1	12M	97.4u	-	-	319.7m
6	3	7M	53.4u	1.385m	1.475m	358.7m
7	2	10M	83.0u	1.132m	-	166.0m
8	3	12M	80.6u	1.255m	1.809m	157.3m
9	2	7M	57.7u	1.450m	-	316.9m
10	3	19M	93.4u	1.395m	1.434m	45.63m
11	3	6M	96.2u	1.649m	1.245m	198.3m
12	1	19M	67.7u	-	-	440.7m
13	3	7M	96.1u	964.9u	1.547m	485.3m
14	2	9M	89.1u	1.852m	-	469.0m
15	2	17M	99.3u	1.736m	-	428.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	96.5u	1.355m	-	616.6m
2	1	12M	79.1u	-	-	276.8m
3	2	12M	79.3u	1.079m	-	149.3m
4	3	19M	66.1u	1.674m	1.387m	26.09m
5	1	8M	77.4u	-	-	906.1m
6	2	11M	79.4u	1.714m	-	408.2m
7	2	6M	93.2u	1.220m	-	872.6m
8	3	10M	64.8u	1.151m	1.844m	562.0m
9	3	7M	99.1u	936.9u	973.9u	528.0m
10	1	18M	56.4u	-	-	962.6m
11	2	14M	87.6u	1.461m	-	474.5m
12	2	15M	81.8u	1.782m	-	184.6m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	75.3u	-	-	747.0m
2	2	19M	62.9u	1.790m	-	229.0m
3	2	5M	87.3u	1.822m	-	217.8m
4	2	6M	59.2u	1.935m	-	851.5m
5	2	16M	88.5u	1.545m	-	976.3m
6	3	15M	65.8u	1.045m	1.580m	545.8m
7	2	14M	93.4u	1.351m	-	567.3m
8	2	19M	98.8u	1.369m	-	271.9m
9	1	6M	56.1u	-	-	276.0m
10	2	20M	95.4u	1.293m	-	450.8m
11	1	10M	60.0u	-	-	771.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_12						
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	6M	72.3u	1.016m	-	121.2m
2	3	10M	54.2u	1.839m	1.828m	143.9m
3	3	19M	53.2u	1.583m	1.461m	142.1m
4	3	19M	66.2u	952.8u	1.323m	34.58m
5	1	13M	61.7u	-	-	122.5m
6	3	7M	80.8u	1.159m	1.601m	476.4m
7	1	10M	73.8u	-	-	527.3m
8	1	19M	64.3u	-	-	538.1m
9	2	19M	57.1u	1.855m	-	162.5m
10	1	19M	89.3u	-	-	232.5m
11	2	6M	75.0u	1.613m	-	57.13m
12	3	8M	78.1u	1.170m	1.416m	285.9m
13	1	8M	72.2u	-	-	347.6m
14	3	12M	60.0u	1.656m	1.617m	618.7m
15	1	18M	62.2u	-	-	580.7m
16	1	9M	79.1u	-	-	625.1m
17	3	7M	98.2u	1.442m	1.461m	177.8m
18	2	19M	53.3u	1.044m	-	553.5m
19	1	18M	84.6u	-	-	333.7m



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	3	17M	78.4u	1.718m	1.464m	671.4m
2	3	19M	54.5u	1.713m	1.043m	98.39m
3	2	11M	52.5u	1.750m	-	293.3m
4	2	12M	95.2u	1.644m	-	391.4m
5	3	10M	91.4u	1.337m	1.206m	544.4m
6	2	10M	83.6u	1.222m	-	653.4m
7	2	12M	79.6u	1.229m	-	404.1m
8	1	5M	81.9u	-	-	323.5m
9	2	19M	52.8u	1.559m	-	562.2m
10	2	8M	64.9u	1.679m	-	758.5m
11	3	19M	88.4u	1.654m	1.883m	537.0m
12	1	16M	96.0u	-	-	335.4m
13	1	17M	91.1u	-	-	500.5m
14	1	8M	85.2u	-	-	448.4m
15	2	16M	93.1u	1.275m	-	513.3m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	81.6u	1.692m	-	575.0m
2	3	17M	52.7u	1.217m	1.326m	208.1m
3	1	13M	84.7u	-	-	549.2m
4	3	12M	97.8u	1.087m	1.746m	191.2m
5	2	10M	91.4u	1.159m	-	827.4m
6	2	10M	65.2u	1.132m	-	656.4m
7	2	18M	54.7u	1.521m	-	80.43m
8	3	5M	89.0u	1.890m	1.500m	180.9m
9	3	14M	62.5u	1.185m	1.056m	591.5m
10	1	17M	82.8u	-	-	12.73m
11	3	12M	93.4u	1.700m	1.764m	56.40m
12	2	20M	76.5u	1.692m	-	903.7m
13	2	15M	70.8u	1.163m	-	67.63m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
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	11M	96.3u	-	-	47.57m
2	3	8M	73.0u	1.560m	1.092m	880.5m
3	1	7M	80.9u	-	-	843.6m
4	3	6M	60.8u	1.668m	1.265m	263.2m
5	3	16M	54.1u	1.865m	1.589m	593.4m
6	1	11M	50.9u	-	-	542.9m
7	2	14M	92.8u	1.431m	-	12.66m
8	2	16M	53.4u	1.805m	-	822.0m
9	1	14M	87.8u	-	-	618.8m
10	1	13M	82.9u	-	-	322.7m
11	2	19M	75.2u	1.166m	-	890.0m
12	2	12M	63.4u	1.048m	-	217.7m
13	1	16M	94.2u	-	-	138.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	88.2u	1.751m	-	83.07m
2	2	6M	85.8u	1.375m	-	1.002
3	1	17M	91.5u	-	-	578.6m
4	1	6M	68.1u	-	-	88.62m
5	2	11M	90.3u	1.839m	-	288.5m
6	3	15M	67.2u	1.202m	1.771m	1.166
7	2	11M	64.7u	1.637m	-	10.20m
8	1	10M	81.7u	-	-	1.032
9	1	9M	61.0u	-	-	856.2m
10	2	10M	66.7u	1.835m	-	579.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_17						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	64.0u	-	-	395.0m
2	2	12M	81.6u	1.166m	-	816.8m
3	2	8M	52.6u	1.058m	-	72.40m
4	2	7M	80.3u	1.320m	-	997.4m
5	2	13M	81.4u	1.607m	-	583.0m
6	2	14M	91.2u	1.480m	-	684.1m
7	2	16M	71.2u	1.075m	-	286.5m
8	1	19M	59.5u	-	-	890.9m
9	1	17M	70.5u	-	-	447.8m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_18						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	51.9u	-	-	780.2m
2	2	7M	85.4u	999.6u	-	537.3m
3	1	6M	56.4u	-	-	322.2m
4	1	15M	95.5u	-	-	413.2m
5	2	9M	82.6u	1.449m	-	206.6m
6	2	16M	70.4u	1.259m	-	654.2m
7	1	15M	87.3u	-	-	519.0m
8	2	9M	58.3u	1.937m	-	599.5m
9	3	11M	78.4u	1.246m	1.446m	324.4m
10	3	15M	53.4u	1.670m	1.020m	285.4m
11	2	11M	92.8u	1.352m	-	111.1m
12	3	10M	79.7u	1.662m	1.129m	129.5m
13	3	7M	65.7u	1.283m	1.409m	178.4m
14	2	16M	97.3u	1.877m	-	198.2m
15	2	8M	67.7u	1.506m	-	522.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_19						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	81.3u	-	-	296.9m
2	3	11M	56.0u	1.684m	1.844m	61.50m
3	2	6M	56.5u	1.729m	-	765.8m
4	2	11M	51.2u	1.627m	-	320.9m
5	3	11M	59.7u	1.003m	1.840m	427.1m
6	2	15M	56.7u	1.133m	-	658.5m
7	3	10M	70.5u	1.208m	1.757m	767.1m
8	2	12M	58.7u	1.370m	-	1.092
9	2	11M	50.5u	949.5u	-	1.090

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_20						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	76.5u	-	-	383.9m
2	3	17M	69.8u	1.175m	1.368m	230.4m
3	1	13M	68.8u	-	-	494.2m
4	1	11M	81.3u	-	-	127.3m
5	2	6M	86.5u	1.839m	-	174.4m
6	2	5M	99.7u	1.409m	-	214.8m
7	1	6M	83.5u	-	-	59.99m
8	2	18M	56.6u	1.664m	-	351.5m
9	1	12M	56.7u	-	-	281.8m
10	3	7M	98.6u	1.567m	1.333m	399.2m
11	2	7M	66.7u	1.485m	-	18.71m
12	1	17M	88.0u	-	-	618.6m
13	2	18M	58.2u	1.892m	-	574.1m
14	2	11M	53.6u	1.117m	-	70.71m
15	1	19M	93.0u	-	-	232.2m
16	2	14M	80.4u	1.356m	-	381.0m
17	2	15M	64.1u	1.026m	-	87.24m
18	3	14M	92.7u	1.048m	1.278m	341.9m
19	3	19M	68.5u	1.313m	1.543m	360.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_21						
Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	85.9u	1.709m	-	9.880m
2	1	16M	68.1u	-	-	706.5m
3	2	18M	51.8u	1.640m	-	42.22m
4	2	17M	80.3u	1.614m	-	398.0m
5	2	13M	73.3u	1.607m	-	791.1m
6	3	16M	86.7u	1.909m	1.192m	228.1m
7	3	8M	94.3u	965.7u	1.741m	248.8m
8	3	6M	91.0u	1.650m	1.390m	672.7m
9	2	15M	91.5u	1.560m	-	194.8m
10	2	10M	66.8u	1.707m	-	741.0m
11	2	14M	87.2u	1.370m	-	787.4m
12	1	5M	52.2u	-	-	823.0m
13	1	13M	96.5u	-	-	189.7m
14	3	19M	75.1u	1.884m	1.121m	394.4m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_22						
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	18M	94.8u	1.529m	1.446m	333.9m
2	3	7M	54.6u	1.679m	1.865m	591.2m
3	3	18M	76.9u	1.541m	1.653m	571.7m
4	2	10M	75.3u	1.355m	-	723.2m
5	2	17M	80.7u	970.3u	-	597.4m
6	2	10M	63.1u	1.188m	-	464.3m
7	2	13M	92.8u	1.036m	-	267.9m
8	2	18M	60.7u	946.3u	-	766.9m
9	3	19M	54.0u	1.059m	1.825m	430.1m
10	3	19M	89.9u	1.354m	1.507m	212.6m
11	2	10M	84.9u	1.217m	-	485.4m
12	1	14M	81.5u	-	-	706.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_23						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	76.1u	1.493m	-	101.3m
2	3	10M	52.7u	1.757m	950.3u	106.0m
3	2	17M	51.9u	1.067m	-	342.2m
4	1	8M	99.9u	-	-	598.0m
5	2	15M	71.5u	1.478m	-	261.6m
6	3	8M	63.4u	1.382m	1.832m	1.344m
7	2	12M	99.3u	1.841m	-	286.1m
8	3	12M	91.4u	1.395m	1.295m	548.3m
9	3	17M	60.4u	1.168m	1.873m	614.0m
10	3	19M	83.6u	1.173m	1.081m	91.16m
11	2	18M	69.6u	1.806m	-	515.8m
12	2	15M	67.5u	1.444m	-	275.3m
13	2	19M	78.1u	1.805m	-	596.8m
14	1	6M	50.2u	-	-	57.01m
15	2	17M	76.0u	1.414m	-	578.5m
16	2	18M	89.0u	1.033m	-	574.6m
17	2	19M	79.6u	1.433m	-	465.7m
18	2	12M	68.5u	1.099m	-	17.16m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_24						
Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	64.6u	1.063m	-	755.1m
2	1	6M	93.0u	-	-	58.57m
3	1	13M	52.4u	-	-	394.6m
4	2	8M	88.6u	1.842m	-	203.8m
5	2	20M	63.7u	1.235m	-	665.5m
6	3	5M	97.2u	1.854m	1.651m	320.3m
7	2	5M	79.8u	1.109m	-	576.9m
8	2	8M	64.4u	1.932m	-	522.0m
9	3	7M	87.5u	1.525m	1.094m	513.7m
10	2	14M	51.4u	1.540m	-	781.7m
11	1	5M	61.6u	-	-	260.6m
12	2	11M	89.8u	1.269m	-	723.7m
13	3	20M	95.7u	1.343m	1.864m	434.4m
14	1	20M	50.8u	-	-	648.3m

15	1	5M	53.5u	-	-	508.4m
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Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_25						
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	90.8u	-	-	144.4m
2	2	17M	79.3u	971.7u	-	3.903m
3	2	16M	83.5u	1.245m	-	551.2m
4	2	14M	63.9u	1.673m	-	395.6m
5	2	16M	73.9u	1.896m	-	683.1m
6	2	18M	75.3u	1.023m	-	1.048
7	2	20M	98.2u	1.507m	-	749.7m
8	1	6M	55.6u	-	-	188.6m
9	2	15M	58.4u	1.178m	-	410.1m
10	2	6M	63.6u	1.437m	-	866.2m
11	1	6M	80.8u	-	-	975.2m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_26						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	91.5u	-	-	329.8m
2	2	9M	64.9u	1.137m	-	566.7m
3	3	5M	83.9u	1.836m	1.362m	954.7m
4	1	17M	89.8u	-	-	922.1m
5	3	9M	95.6u	1.359m	1.184m	848.0m
6	2	19M	95.9u	1.475m	-	698.1m
7	1	5M	55.8u	-	-	939.3m
8	2	15M	60.9u	942.1u	-	532.1m
9	1	12M	93.8u	-	-	615.6m
10	3	17M	61.9u	1.884m	1.658m	435.5m
11	2	20M	90.4u	1.620m	-	58.17m
12	1	14M	91.4u	-	-	863.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_27						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	88.3u	1.657m	1.383m	198.5m
2	2	11M	65.8u	1.821m	-	846.9m
3	1	7M	55.7u	-	-	1.328
4	2	18M	93.9u	1.665m	-	378.0m
5	2	10M	80.6u	1.828m	-	371.9m
6	3	13M	59.1u	1.543m	1.128m	492.0m
7	2	14M	61.3u	1.747m	-	467.1m
8	2	12M	99.7u	1.559m	-	264.1m
9	2	7M	64.3u	972.7u	-	744.5m

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_28						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	91.7u	-	-	527.0m
2	2	8M	92.1u	1.041m	-	397.0m
3	2	6M	59.0u	1.012m	-	23.45m
4	2	14M	85.5u	1.120m	-	196.6m
5	2	13M	54.4u	1.061m	-	286.6m
6	3	10M	58.2u	1.621m	1.365m	337.3m
7	2	15M	91.0u	1.006m	-	322.1m
8	3	13M	64.6u	1.444m	1.581m	70.33m
9	2	15M	85.8u	1.185m	-	20.13m
10	1	12M	75.2u	-	-	563.0m
11	1	8M	67.1u	-	-	329.8m
12	2	13M	82.1u	1.091m	-	46.12m
13	1	11M	98.9u	-	-	171.9m
14	2	16M	96.5u	1.121m	-	111.4m
15	2	20M	79.2u	1.811m	-	434.0m
16	1	8M	86.6u	-	-	963.0u
17	2	14M	73.0u	1.289m	-	115.9m
18	2	11M	87.9u	1.339m	-	513.7m



Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_29						
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	95.0u	-	-	661.2m
2	2	14M	56.7u	1.211m	-	206.7m
3	1	9M	59.3u	-	-	158.6m
4	1	9M	82.5u	-	-	1.094
5	3	6M	51.4u	1.245m	1.628m	499.6m
6	2	6M	85.6u	1.314m	-	1.343
7	2	18M	82.1u	1.008m	-	1.272
8	1	10M	75.5u	-	-	1.422

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_30						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	69.1u	1.087m	-	11.80m
2	3	15M	65.6u	1.404m	1.878m	391.5m
3	2	18M	66.5u	1.700m	-	6.896m
4	3	12M	55.8u	1.440m	1.507m	456.2m
5	2	18M	92.2u	1.082m	-	458.5m
6	2	14M	57.9u	1.024m	-	214.7m
7	1	8M	62.7u	-	-	362.3m
8	2	16M	74.1u	1.562m	-	305.6m
9	1	18M	98.7u	-	-	163.2m
10	2	17M	73.5u	1.628m	-	52.99m
11	2	8M	66.5u	1.772m	-	70.53m
12	2	19M	50.8u	982.2u	-	130.6m
13	2	15M	88.0u	1.227m	-	612.3m
14	2	19M	96.6u	1.599m	-	192.0m
15	2	13M	67.5u	1.483m	-	227.6m
16	2	16M	71.7u	940.3u	-	570.6m
17	2	19M	95.1u	1.392m	-	569.0m
18	1	19M	75.5u	-	-	507.3m
19	3	16M	78.3u	1.526m	1.901m	53.28m

**Annex-A3: The Frequency Hopping Radar Pattern  
IEEE 802.11n 20MHz**

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.613G	2	5.706G	3	5.654G	4	5.327G
5	5.550G	6	5.271G	7	5.723G	8	5.449G
9	5.693G	10	5.470G	11	5.718G	12	5.513G
13	5.680G	14	5.622G	15	5.352G	16	5.595G
17	5.614G	18	5.392G	19	5.420G	20	5.556G
21	5.350G	22	5.721G	23	5.432G	24	5.606G
25	5.695G	26	5.586G	27	5.264G	28	5.414G
29	5.707G	30	5.561G	31	5.709G	32	5.450G
33	5.566G	34	5.330G	35	5.610G	36	5.467G
37	5.318G	38	5.504G	39	5.391G	40	5.703G
41	5.329G	42	5.716G	43	5.516G	44	5.365G
45	5.440G	46	5.455G	47	5.356G	48	5.627G
49	5.618G	50	5.603G	51	5.254G	52	5.579G
53	5.529G	54	5.578G	55	5.568G	56	5.691G
57	5.353G	58	5.577G	59	5.589G	60	5.491G
61	5.571G	62	5.478G	63	5.499G	64	5.378G
65	5.294G	66	5.593G	67	5.647G	68	5.564G
69	5.283G	70	5.413G	71	5.476G	72	5.454G
73	5.341G	74	5.668G	75	5.460G	76	5.486G
77	5.386G	78	5.667G	79	5.437G	80	5.351G
81	5.711G	82	5.599G	83	5.676G	84	5.288G
85	5.503G	86	5.500G	87	5.682G	88	5.296G
89	5.604G	90	5.717G	91	5.672G	92	5.678G
93	5.340G	94	5.541G	95	5.265G	96	5.298G
97	5.272G	98	5.710G	99	5.690G	100	5.260G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.563G	2	5.642G	3	5.372G	4	5.572G
5	5.578G	6	5.418G	7	5.676G	8	5.483G
9	5.694G	10	5.662G	11	5.716G	12	5.592G
13	5.337G	14	5.712G	15	5.422G	16	5.636G
17	5.438G	18	5.287G	19	5.684G	20	5.272G
21	5.617G	22	5.432G	23	5.277G	24	5.439G
25	5.333G	26	5.350G	27	5.711G	28	5.344G
29	5.656G	30	5.560G	31	5.304G	32	5.370G
33	5.669G	34	5.331G	35	5.252G	36	5.251G
37	5.366G	38	5.323G	39	5.420G	40	5.490G
41	5.649G	42	5.362G	43	5.392G	44	5.608G

45	5.310G	46	5.434G	47	5.714G	48	5.283G
49	5.704G	50	5.404G	51	5.517G	52	5.499G
53	5.546G	54	5.261G	55	5.360G	56	5.280G
57	5.427G	58	5.666G	59	5.410G	60	5.458G
61	5.276G	62	5.335G	63	5.356G	64	5.385G
65	5.322G	66	5.470G	67	5.294G	68	5.543G
69	5.680G	70	5.329G	71	5.532G	72	5.720G
73	5.461G	74	5.553G	75	5.688G	76	5.481G
77	5.568G	78	5.576G	79	5.374G	80	5.256G
81	5.671G	82	5.491G	83	5.633G	84	5.564G
85	5.398G	86	5.500G	87	5.505G	88	5.567G
89	5.495G	90	5.393G	91	5.373G	92	5.632G
93	5.409G	94	5.522G	95	5.437G	96	5.502G
97	5.685G	98	5.612G	99	5.573G	100	5.519G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.633G	2	5.436G	3	5.528G	4	5.371G
5	5.547G	6	5.370G	7	5.305G	8	5.409G
9	5.524G	10	5.720G	11	5.438G	12	5.468G
13	5.396G	14	5.288G	15	5.485G	16	5.312G
17	5.542G	18	5.309G	19	5.483G	20	5.418G
21	5.625G	22	5.562G	23	5.689G	24	5.330G
25	5.286G	26	5.584G	27	5.626G	28	5.551G
29	5.527G	30	5.674G	31	5.476G	32	5.721G
33	5.363G	34	5.315G	35	5.630G	36	5.523G
37	5.502G	38	5.692G	39	5.669G	40	5.722G
41	5.647G	42	5.294G	43	5.403G	44	5.317G
45	5.718G	46	5.504G	47	5.583G	48	5.497G
49	5.482G	50	5.269G	51	5.552G	52	5.676G
53	5.629G	54	5.484G	55	5.577G	56	5.695G
57	5.636G	58	5.281G	59	5.591G	60	5.263G
61	5.437G	62	5.620G	63	5.627G	64	5.404G
65	5.549G	66	5.439G	67	5.491G	68	5.557G
69	5.559G	70	5.456G	71	5.291G	72	5.635G
73	5.462G	74	5.282G	75	5.460G	76	5.713G
77	5.554G	78	5.373G	79	5.470G	80	5.622G
81	5.379G	82	5.643G	83	5.298G	84	5.362G
85	5.357G	86	5.545G	87	5.488G	88	5.571G
89	5.708G	90	5.316G	91	5.345G	92	5.656G
93	5.386G	94	5.534G	95	5.638G	96	5.448G
97	5.613G	98	5.570G	99	5.479G	100	5.343G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.551G	3	5.468G	4	5.702G
5	5.444G	6	5.347G	7	5.419G	8	5.251G
9	5.284G	10	5.568G	11	5.408G	12	5.650G
13	5.723G	14	5.583G	15	5.393G	16	5.286G
17	5.327G	18	5.374G	19	5.698G	20	5.319G
21	5.664G	22	5.657G	23	5.351G	24	5.545G
25	5.520G	26	5.472G	27	5.473G	28	5.526G
29	5.539G	30	5.360G	31	5.272G	32	5.445G
33	5.645G	34	5.690G	35	5.423G	36	5.476G
37	5.385G	38	5.591G	39	5.321G	40	5.598G
41	5.661G	42	5.658G	43	5.677G	44	5.603G
45	5.682G	46	5.724G	47	5.616G	48	5.415G
49	5.354G	50	5.517G	51	5.687G	52	5.421G
53	5.678G	54	5.565G	55	5.430G	56	5.273G
57	5.371G	58	5.521G	59	5.552G	60	5.530G
61	5.358G	62	5.356G	63	5.573G	64	5.704G
65	5.549G	66	5.505G	67	5.429G	68	5.427G
69	5.592G	70	5.501G	71	5.412G	72	5.602G
73	5.614G	74	5.366G	75	5.633G	76	5.394G
77	5.433G	78	5.292G	79	5.542G	80	5.559G
81	5.686G	82	5.629G	83	5.459G	84	5.313G
85	5.456G	86	5.619G	87	5.464G	88	5.524G
89	5.252G	90	5.471G	91	5.599G	92	5.326G
93	5.648G	94	5.441G	95	5.390G	96	5.504G
97	5.640G	98	5.403G	99	5.420G	100	5.376G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.489G	2	5.571G	3	5.393G	4	5.598G
5	5.650G	6	5.624G	7	5.654G	8	5.564G
9	5.287G	10	5.443G	11	5.353G	12	5.657G
13	5.366G	14	5.503G	15	5.554G	16	5.326G
17	5.424G	18	5.675G	19	5.269G	20	5.557G
21	5.337G	22	5.670G	23	5.553G	24	5.588G
25	5.599G	26	5.282G	27	5.415G	28	5.418G
29	5.567G	30	5.716G	31	5.298G	32	5.556G
33	5.317G	34	5.688G	35	5.509G	36	5.392G
37	5.608G	38	5.601G	39	5.647G	40	5.649G
41	5.270G	42	5.350G	43	5.345G	44	5.296G
45	5.671G	46	5.404G	47	5.505G	48	5.306G
49	5.607G	50	5.427G	51	5.718G	52	5.289G

53	5.634G	54	5.710G	55	5.702G	56	5.425G
57	5.495G	58	5.271G	59	5.529G	60	5.315G
61	5.661G	62	5.526G	63	5.321G	64	5.410G
65	5.257G	66	5.683G	67	5.706G	68	5.663G
69	5.250G	70	5.723G	71	5.396G	72	5.677G
73	5.515G	74	5.691G	75	5.399G	76	5.689G
77	5.376G	78	5.467G	79	5.347G	80	5.705G
81	5.678G	82	5.627G	83	5.466G	84	5.565G
85	5.385G	86	5.365G	87	5.439G	88	5.267G
89	5.377G	90	5.539G	91	5.534G	92	5.383G
93	5.508G	94	5.431G	95	5.323G	96	5.659G
97	5.400G	98	5.680G	99	5.316G	100	5.699G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.684G	2	5.562G	3	5.349G	4	5.568G
5	5.433G	6	5.483G	7	5.521G	8	5.698G
9	5.346G	10	5.593G	11	5.628G	12	5.496G
13	5.636G	14	5.274G	15	5.522G	16	5.535G
17	5.579G	18	5.656G	19	5.572G	20	5.527G
21	5.673G	22	5.466G	23	5.450G	24	5.439G
25	5.685G	26	5.582G	27	5.444G	28	5.595G
29	5.292G	30	5.588G	31	5.704G	32	5.367G
33	5.327G	34	5.361G	35	5.388G	36	5.351G
37	5.695G	38	5.536G	39	5.675G	40	5.259G
41	5.526G	42	5.348G	43	5.296G	44	5.710G
45	5.476G	46	5.342G	47	5.696G	48	5.264G
49	5.528G	50	5.322G	51	5.271G	52	5.326G
53	5.643G	54	5.523G	55	5.452G	56	5.479G
57	5.638G	58	5.332G	59	5.666G	60	5.255G
61	5.407G	62	5.268G	63	5.623G	64	5.546G
65	5.425G	66	5.716G	67	5.284G	68	5.482G
69	5.644G	70	5.532G	71	5.364G	72	5.340G
73	5.653G	74	5.290G	75	5.267G	76	5.508G
77	5.694G	78	5.298G	79	5.371G	80	5.329G
81	5.485G	82	5.273G	83	5.714G	84	5.378G
85	5.602G	86	5.446G	87	5.625G	88	5.470G
89	5.681G	90	5.417G	91	5.454G	92	5.343G
93	5.419G	94	5.293G	95	5.600G	96	5.301G
97	5.664G	98	5.448G	99	5.603G	100	5.570G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.350G	2	5.531G	3	5.452G	4	5.629G
5	5.547G	6	5.672G	7	5.347G	8	5.685G
9	5.352G	10	5.389G	11	5.645G	12	5.492G
13	5.349G	14	5.688G	15	5.592G	16	5.691G
17	5.463G	18	5.261G	19	5.721G	20	5.548G
21	5.647G	22	5.334G	23	5.654G	24	5.485G
25	5.429G	26	5.631G	27	5.602G	28	5.299G
29	5.320G	30	5.696G	31	5.279G	32	5.379G
33	5.566G	34	5.501G	35	5.301G	36	5.432G
37	5.259G	38	5.448G	39	5.367G	40	5.402G
41	5.393G	42	5.380G	43	5.692G	44	5.437G
45	5.579G	46	5.381G	47	5.538G	48	5.594G
49	5.505G	50	5.327G	51	5.436G	52	5.306G
53	5.462G	54	5.424G	55	5.440G	56	5.573G
57	5.292G	58	5.539G	59	5.523G	60	5.368G
61	5.589G	62	5.621G	63	5.534G	64	5.571G
65	5.423G	66	5.510G	67	5.598G	68	5.364G
69	5.575G	70	5.660G	71	5.332G	72	5.312G
73	5.618G	74	5.276G	75	5.716G	76	5.552G
77	5.677G	78	5.698G	79	5.490G	80	5.315G
81	5.530G	82	5.684G	83	5.619G	84	5.395G
85	5.519G	86	5.620G	87	5.690G	88	5.401G
89	5.374G	90	5.421G	91	5.326G	92	5.666G
93	5.469G	94	5.537G	95	5.722G	96	5.258G
97	5.319G	98	5.414G	99	5.693G	100	5.283G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.382G	2	5.400G	3	5.476G	4	5.697G
5	5.426G	6	5.680G	7	5.543G	8	5.442G
9	5.626G	10	5.619G	11	5.531G	12	5.319G
13	5.272G	14	5.395G	15	5.291G	16	5.277G
17	5.688G	18	5.270G	19	5.362G	20	5.467G
21	5.523G	22	5.497G	23	5.251G	24	5.407G
25	5.352G	26	5.384G	27	5.428G	28	5.342G
29	5.614G	30	5.710G	31	5.524G	32	5.654G
33	5.677G	34	5.683G	35	5.386G	36	5.616G
37	5.617G	38	5.292G	39	5.695G	40	5.475G
41	5.490G	42	5.454G	43	5.659G	44	5.335G
45	5.371G	46	5.538G	47	5.556G	48	5.557G
49	5.316G	50	5.466G	51	5.372G	52	5.611G

53	5.718G	54	5.436G	55	5.438G	56	5.510G
57	5.686G	58	5.645G	59	5.489G	60	5.553G
61	5.280G	62	5.491G	63	5.274G	64	5.674G
65	5.653G	66	5.551G	67	5.423G	68	5.349G
69	5.392G	70	5.722G	71	5.575G	72	5.624G
73	5.613G	74	5.383G	75	5.615G	76	5.471G
77	5.417G	78	5.281G	79	5.595G	80	5.573G
81	5.608G	82	5.419G	83	5.598G	84	5.664G
85	5.679G	86	5.641G	87	5.540G	88	5.637G
89	5.702G	90	5.343G	91	5.667G	92	5.253G
93	5.321G	94	5.364G	95	5.409G	96	5.561G
97	5.707G	98	5.508G	99	5.685G	100	5.356G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.683G	2	5.417G	3	5.307G	4	5.392G
5	5.422G	6	5.647G	7	5.375G	8	5.588G
9	5.490G	10	5.405G	11	5.693G	12	5.255G
13	5.548G	14	5.498G	15	5.411G	16	5.594G
17	5.512G	18	5.410G	19	5.497G	20	5.545G
21	5.408G	22	5.672G	23	5.273G	24	5.348G
25	5.274G	26	5.631G	27	5.370G	28	5.550G
29	5.319G	30	5.610G	31	5.556G	32	5.452G
33	5.252G	34	5.272G	35	5.403G	36	5.508G
37	5.396G	38	5.253G	39	5.335G	40	5.474G
41	5.618G	42	5.643G	43	5.531G	44	5.578G
45	5.680G	46	5.380G	47	5.543G	48	5.649G
49	5.343G	50	5.291G	51	5.518G	52	5.629G
53	5.390G	54	5.361G	55	5.554G	56	5.562G
57	5.551G	58	5.426G	59	5.663G	60	5.592G
61	5.645G	62	5.275G	63	5.367G	64	5.701G
65	5.524G	66	5.661G	67	5.402G	68	5.400G
69	5.314G	70	5.456G	71	5.723G	72	5.485G
73	5.595G	74	5.259G	75	5.590G	76	5.416G
77	5.635G	78	5.665G	79	5.372G	80	5.547G
81	5.526G	82	5.300G	83	5.366G	84	5.295G
85	5.414G	86	5.389G	87	5.353G	88	5.510G
89	5.601G	90	5.655G	91	5.386G	92	5.511G
93	5.322G	94	5.312G	95	5.646G	96	5.338G
97	5.462G	98	5.269G	99	5.329G	100	5.609G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.445G	2	5.619G	3	5.513G	4	5.311G
5	5.661G	6	5.300G	7	5.284G	8	5.397G
9	5.281G	10	5.688G	11	5.631G	12	5.600G
13	5.611G	14	5.273G	15	5.654G	16	5.254G
17	5.317G	18	5.546G	19	5.540G	20	5.346G
21	5.603G	22	5.260G	23	5.316G	24	5.429G
25	5.315G	26	5.374G	27	5.505G	28	5.413G
29	5.370G	30	5.499G	31	5.682G	32	5.575G
33	5.609G	34	5.361G	35	5.564G	36	5.329G
37	5.477G	38	5.706G	39	5.515G	40	5.402G
41	5.623G	42	5.425G	43	5.658G	44	5.722G
45	5.592G	46	5.492G	47	5.666G	48	5.428G
49	5.478G	50	5.694G	51	5.512G	52	5.695G
53	5.408G	54	5.297G	55	5.593G	56	5.601G
57	5.399G	58	5.373G	59	5.663G	60	5.387G
61	5.633G	62	5.681G	63	5.409G	64	5.488G
65	5.665G	66	5.347G	67	5.398G	68	5.255G
69	5.307G	70	5.251G	71	5.534G	72	5.518G
73	5.475G	74	5.375G	75	5.516G	76	5.504G
77	5.486G	78	5.350G	79	5.405G	80	5.404G
81	5.366G	82	5.509G	83	5.498G	84	5.723G
85	5.709G	86	5.582G	87	5.472G	88	5.353G
89	5.430G	90	5.365G	91	5.656G	92	5.466G
93	5.459G	94	5.354G	95	5.641G	96	5.628G
97	5.331G	98	5.614G	99	5.301G	100	5.630G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.377G	2	5.589G	3	5.454G	4	5.682G
5	5.313G	6	5.504G	7	5.306G	8	5.370G
9	5.615G	10	5.653G	11	5.384G	12	5.616G
13	5.716G	14	5.696G	15	5.297G	16	5.387G
17	5.348G	18	5.439G	19	5.453G	20	5.644G
21	5.724G	22	5.407G	23	5.328G	24	5.359G
25	5.483G	26	5.463G	27	5.719G	28	5.408G
29	5.674G	30	5.473G	31	5.344G	32	5.425G
33	5.274G	34	5.610G	35	5.540G	36	5.687G
37	5.636G	38	5.266G	39	5.352G	40	5.555G
41	5.464G	42	5.525G	43	5.501G	44	5.646G
45	5.312G	46	5.305G	47	5.595G	48	5.360G
49	5.413G	50	5.356G	51	5.434G	52	5.429G



53	5.336G	54	5.357G	55	5.366G	56	5.427G
57	5.622G	58	5.701G	59	5.523G	60	5.292G
61	5.275G	62	5.564G	63	5.341G	64	5.707G
65	5.685G	66	5.414G	67	5.332G	68	5.588G
69	5.308G	70	5.513G	71	5.524G	72	5.403G
73	5.681G	74	5.368G	75	5.606G	76	5.591G
77	5.449G	78	5.279G	79	5.503G	80	5.694G
81	5.271G	82	5.543G	83	5.367G	84	5.557G
85	5.435G	86	5.537G	87	5.349G	88	5.558G
89	5.605G	90	5.627G	91	5.389G	92	5.396G
93	5.437G	94	5.340G	95	5.268G	96	5.630G
97	5.562G	98	5.346G	99	5.679G	100	5.294G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.409G	2	5.659G	3	5.640G	4	5.723G
5	5.347G	6	5.268G	7	5.440G	8	5.252G
9	5.687G	10	5.593G	11	5.589G	12	5.647G
13	5.471G	14	5.259G	15	5.300G	16	5.610G
17	5.566G	18	5.628G	19	5.693G	20	5.335G
21	5.547G	22	5.536G	23	5.385G	24	5.702G
25	5.372G	26	5.443G	27	5.354G	28	5.630G
29	5.326G	30	5.600G	31	5.274G	32	5.336G
33	5.658G	34	5.289G	35	5.703G	36	5.533G
37	5.403G	38	5.405G	39	5.253G	40	5.307G
41	5.322G	42	5.363G	43	5.516G	44	5.303G
45	5.504G	46	5.550G	47	5.378G	48	5.271G
49	5.685G	50	5.500G	51	5.635G	52	5.487G
53	5.367G	54	5.529G	55	5.655G	56	5.652G
57	5.597G	58	5.477G	59	5.676G	60	5.355G
61	5.599G	62	5.263G	63	5.554G	64	5.588G
65	5.473G	66	5.365G	67	5.401G	68	5.284G
69	5.463G	70	5.520G	71	5.325G	72	5.491G
73	5.510G	74	5.422G	75	5.276G	76	5.357G
77	5.561G	78	5.373G	79	5.581G	80	5.701G
81	5.604G	82	5.369G	83	5.546G	84	5.279G
85	5.638G	86	5.553G	87	5.511G	88	5.261G
89	5.560G	90	5.472G	91	5.634G	92	5.514G
93	5.384G	94	5.698G	95	5.715G	96	5.302G
97	5.387G	98	5.380G	99	5.695G	100	5.304G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.263G	2	5.691G	3	5.687G	4	5.285G
5	5.456G	6	5.391G	7	5.645G	8	5.532G
9	5.674G	10	5.371G	11	5.423G	12	5.417G
13	5.594G	14	5.265G	15	5.576G	16	5.317G
17	5.528G	18	5.415G	19	5.370G	20	5.631G
21	5.384G	22	5.700G	23	5.497G	24	5.595G
25	5.563G	26	5.570G	27	5.678G	28	5.437G
29	5.604G	30	5.593G	31	5.641G	32	5.565G
33	5.686G	34	5.399G	35	5.251G	36	5.717G
37	5.713G	38	5.625G	39	5.677G	40	5.683G
41	5.644G	42	5.390G	43	5.703G	44	5.582G
45	5.692G	46	5.629G	47	5.519G	48	5.723G
49	5.407G	50	5.306G	51	5.568G	52	5.615G
53	5.254G	54	5.275G	55	5.642G	56	5.688G
57	5.425G	58	5.393G	59	5.296G	60	5.344G
61	5.499G	62	5.626G	63	5.442G	64	5.435G
65	5.540G	66	5.670G	67	5.273G	68	5.458G
69	5.287G	70	5.345G	71	5.277G	72	5.681G
73	5.481G	74	5.714G	75	5.327G	76	5.671G
77	5.529G	78	5.367G	79	5.313G	80	5.586G
81	5.342G	82	5.320G	83	5.680G	84	5.324G
85	5.580G	86	5.422G	87	5.392G	88	5.623G
89	5.319G	90	5.385G	91	5.500G	92	5.270G
93	5.475G	94	5.478G	95	5.618G	96	5.609G
97	5.482G	98	5.301G	99	5.619G	100	5.599G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.378G	2	5.719G	3	5.422G	4	5.329G
5	5.411G	6	5.318G	7	5.646G	8	5.349G
9	5.510G	10	5.714G	11	5.350G	12	5.504G
13	5.691G	14	5.320G	15	5.661G	16	5.484G
17	5.572G	18	5.718G	19	5.531G	20	5.618G
21	5.425G	22	5.538G	23	5.668G	24	5.657G
25	5.544G	26	5.311G	27	5.700G	28	5.452G
29	5.376G	30	5.279G	31	5.302G	32	5.722G
33	5.414G	34	5.590G	35	5.667G	36	5.342G
37	5.312G	38	5.356G	39	5.297G	40	5.662G
41	5.317G	42	5.535G	43	5.251G	44	5.285G
45	5.505G	46	5.332G	47	5.543G	48	5.560G
49	5.467G	50	5.257G	51	5.548G	52	5.582G

53	5.665G	54	5.591G	55	5.357G	56	5.420G
57	5.563G	58	5.717G	59	5.461G	60	5.627G
61	5.341G	62	5.707G	63	5.375G	64	5.589G
65	5.445G	66	5.474G	67	5.512G	68	5.568G
69	5.547G	70	5.486G	71	5.426G	72	5.259G
73	5.671G	74	5.576G	75	5.387G	76	5.579G
77	5.517G	78	5.310G	79	5.592G	80	5.653G
81	5.466G	82	5.565G	83	5.331G	84	5.476G
85	5.701G	86	5.692G	87	5.481G	88	5.479G
89	5.408G	90	5.604G	91	5.715G	92	5.344G
93	5.272G	94	5.608G	95	5.536G	96	5.281G
97	5.315G	98	5.480G	99	5.440G	100	5.261G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.277G	2	5.688G	3	5.400G	4	5.714G
5	5.676G	6	5.483G	7	5.388G	8	5.649G
9	5.420G	10	5.482G	11	5.338G	12	5.434G
13	5.530G	14	5.655G	15	5.419G	16	5.490G
17	5.498G	18	5.513G	19	5.451G	20	5.531G
21	5.553G	22	5.467G	23	5.666G	24	5.471G
25	5.389G	26	5.562G	27	5.441G	28	5.296G
29	5.518G	30	5.318G	31	5.559G	32	5.366G
33	5.605G	34	5.529G	35	5.453G	36	5.720G
37	5.352G	38	5.287G	39	5.542G	40	5.527G
41	5.297G	42	5.505G	43	5.288G	44	5.305G
45	5.546G	46	5.509G	47	5.545G	48	5.267G
49	5.431G	50	5.707G	51	5.256G	52	5.251G
53	5.394G	54	5.450G	55	5.706G	56	5.526G
57	5.396G	58	5.499G	59	5.360G	60	5.258G
61	5.681G	62	5.716G	63	5.624G	64	5.309G
65	5.426G	66	5.392G	67	5.709G	68	5.428G
69	5.383G	70	5.492G	71	5.415G	72	5.436G
73	5.590G	74	5.333G	75	5.596G	76	5.327G
77	5.425G	78	5.708G	79	5.473G	80	5.640G
81	5.386G	82	5.343G	83	5.644G	84	5.586G
85	5.340G	86	5.673G	87	5.661G	88	5.293G
89	5.461G	90	5.286G	91	5.573G	92	5.719G
93	5.495G	94	5.379G	95	5.347G	96	5.558G
97	5.430G	98	5.274G	99	5.654G	100	5.632G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.671G	2	5.633G	3	5.524G	4	5.398G
5	5.650G	6	5.400G	7	5.469G	8	5.358G
9	5.422G	10	5.408G	11	5.276G	12	5.348G
13	5.500G	14	5.556G	15	5.433G	16	5.286G
17	5.270G	18	5.304G	19	5.485G	20	5.355G
21	5.478G	22	5.323G	23	5.299G	24	5.715G
25	5.689G	26	5.722G	27	5.658G	28	5.481G
29	5.626G	30	5.473G	31	5.641G	32	5.437G
33	5.592G	34	5.266G	35	5.483G	36	5.413G
37	5.377G	38	5.518G	39	5.371G	40	5.566G
41	5.690G	42	5.334G	43	5.384G	44	5.684G
45	5.311G	46	5.307G	47	5.572G	48	5.612G
49	5.614G	50	5.378G	51	5.353G	52	5.609G
53	5.599G	54	5.697G	55	5.261G	56	5.388G
57	5.581G	58	5.463G	59	5.417G	60	5.636G
61	5.264G	62	5.458G	63	5.648G	64	5.616G
65	5.554G	66	5.296G	67	5.620G	68	5.409G
69	5.490G	70	5.325G	71	5.452G	72	5.460G
73	5.346G	74	5.465G	75	5.693G	76	5.293G
77	5.645G	78	5.349G	79	5.273G	80	5.590G
81	5.257G	82	5.617G	83	5.310G	84	5.579G
85	5.510G	86	5.529G	87	5.394G	88	5.586G
89	5.670G	90	5.484G	91	5.589G	92	5.657G
93	5.686G	94	5.428G	95	5.542G	96	5.688G
97	5.326G	98	5.515G	99	5.482G	100	5.521G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.401G	2	5.352G	3	5.339G	4	5.629G
5	5.687G	6	5.510G	7	5.348G	8	5.471G
9	5.674G	10	5.700G	11	5.261G	12	5.462G
13	5.595G	14	5.662G	15	5.574G	16	5.467G
17	5.581G	18	5.383G	19	5.500G	20	5.587G
21	5.689G	22	5.582G	23	5.255G	24	5.532G
25	5.368G	26	5.259G	27	5.442G	28	5.702G
29	5.393G	30	5.490G	31	5.611G	32	5.546G
33	5.615G	34	5.518G	35	5.274G	36	5.279G
37	5.431G	38	5.309G	39	5.356G	40	5.331G
41	5.451G	42	5.686G	43	5.543G	44	5.418G
45	5.667G	46	5.661G	47	5.616G	48	5.487G
49	5.669G	50	5.284G	51	5.627G	52	5.486G

53	5.630G	54	5.570G	55	5.521G	56	5.428G
57	5.400G	58	5.695G	59	5.515G	60	5.460G
61	5.396G	62	5.358G	63	5.604G	64	5.380G
65	5.406G	66	5.256G	67	5.265G	68	5.297G
69	5.290G	70	5.656G	71	5.561G	72	5.267G
73	5.628G	74	5.722G	75	5.642G	76	5.609G
77	5.484G	78	5.676G	79	5.566G	80	5.282G
81	5.386G	82	5.394G	83	5.586G	84	5.575G
85	5.336G	86	5.685G	87	5.552G	88	5.516G
89	5.461G	90	5.567G	91	5.457G	92	5.422G
93	5.449G	94	5.713G	95	5.302G	96	5.250G
97	5.433G	98	5.712G	99	5.533G	100	5.525G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.375G	3	5.659G	4	5.612G
5	5.714G	6	5.352G	7	5.266G	8	5.422G
9	5.582G	10	5.451G	11	5.476G	12	5.526G
13	5.272G	14	5.318G	15	5.508G	16	5.444G
17	5.574G	18	5.688G	19	5.387G	20	5.623G
21	5.543G	22	5.655G	23	5.535G	24	5.614G
25	5.304G	26	5.717G	27	5.358G	28	5.486G
29	5.596G	30	5.561G	31	5.668G	32	5.584G
33	5.604G	34	5.650G	35	5.285G	36	5.557G
37	5.453G	38	5.588G	39	5.611G	40	5.590G
41	5.264G	42	5.329G	43	5.502G	44	5.309G
45	5.441G	46	5.617G	47	5.716G	48	5.511G
49	5.439G	50	5.618G	51	5.701G	52	5.711G
53	5.384G	54	5.305G	55	5.636G	56	5.672G
57	5.398G	58	5.527G	59	5.693G	60	5.401G
61	5.695G	62	5.721G	63	5.679G	64	5.303G
65	5.528G	66	5.338G	67	5.259G	68	5.621G
69	5.459G	70	5.483G	71	5.480G	72	5.660G
73	5.666G	74	5.603G	75	5.437G	76	5.426G
77	5.704G	78	5.411G	79	5.491G	80	5.548G
81	5.663G	82	5.442G	83	5.615G	84	5.405G
85	5.609G	86	5.316G	87	5.434G	88	5.428G
89	5.553G	90	5.302G	91	5.550G	92	5.475G
93	5.367G	94	5.620G	95	5.713G	96	5.652G
97	5.454G	98	5.637G	99	5.388G	100	5.514G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.616G	2	5.357G	3	5.643G	4	5.478G
5	5.465G	6	5.361G	7	5.348G	8	5.635G
9	5.530G	10	5.325G	11	5.439G	12	5.411G
13	5.709G	14	5.461G	15	5.505G	16	5.490G
17	5.481G	18	5.576G	19	5.395G	20	5.680G
21	5.573G	22	5.587G	23	5.420G	24	5.596G
25	5.370G	26	5.646G	27	5.288G	28	5.697G
29	5.379G	30	5.270G	31	5.297G	32	5.491G
33	5.497G	34	5.422G	35	5.304G	36	5.511G
37	5.455G	38	5.399G	39	5.702G	40	5.529G
41	5.677G	42	5.431G	43	5.720G	44	5.260G
45	5.396G	46	5.338G	47	5.665G	48	5.599G
49	5.369G	50	5.327G	51	5.696G	52	5.625G
53	5.627G	54	5.618G	55	5.326G	56	5.409G
57	5.495G	58	5.724G	59	5.407G	60	5.253G
61	5.562G	62	5.636G	63	5.716G	64	5.459G
65	5.460G	66	5.545G	67	5.693G	68	5.487G
69	5.541G	70	5.570G	71	5.282G	72	5.639G
73	5.510G	74	5.600G	75	5.707G	76	5.685G
77	5.320G	78	5.421G	79	5.548G	80	5.408G
81	5.463G	82	5.605G	83	5.389G	84	5.345G
85	5.533G	86	5.377G	87	5.516G	88	5.550G
89	5.598G	90	5.324G	91	5.623G	92	5.563G
93	5.316G	94	5.429G	95	5.359G	96	5.712G
97	5.584G	98	5.657G	99	5.518G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.409G	2	5.399G	3	5.251G	4	5.393G
5	5.709G	6	5.685G	7	5.532G	8	5.495G
9	5.412G	10	5.720G	11	5.669G	12	5.698G
13	5.479G	14	5.677G	15	5.569G	16	5.596G
17	5.395G	18	5.651G	19	5.405G	20	5.376G
21	5.571G	22	5.613G	23	5.696G	24	5.356G
25	5.610G	26	5.667G	27	5.515G	28	5.487G
29	5.471G	30	5.351G	31	5.664G	32	5.327G
33	5.599G	34	5.692G	35	5.468G	36	5.501G
37	5.446G	38	5.308G	39	5.490G	40	5.303G
41	5.713G	42	5.322G	43	5.520G	44	5.317G
45	5.465G	46	5.580G	47	5.604G	48	5.460G
49	5.431G	50	5.470G	51	5.315G	52	5.319G

53	5.708G	54	5.342G	55	5.381G	56	5.316G
57	5.282G	58	5.250G	59	5.557G	60	5.697G
61	5.363G	62	5.589G	63	5.321G	64	5.598G
65	5.287G	66	5.331G	67	5.268G	68	5.408G
69	5.710G	70	5.660G	71	5.404G	72	5.646G
73	5.340G	74	5.297G	75	5.271G	76	5.432G
77	5.518G	78	5.406G	79	5.703G	80	5.592G
81	5.566G	82	5.353G	83	5.284G	84	5.445G
85	5.299G	86	5.424G	87	5.683G	88	5.369G
89	5.550G	90	5.444G	91	5.512G	92	5.307G
93	5.564G	94	5.540G	95	5.705G	96	5.509G
97	5.428G	98	5.633G	99	5.701G	100	5.653G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.561G	2	5.379G	3	5.660G	4	5.708G
5	5.620G	6	5.325G	7	5.698G	8	5.718G
9	5.677G	10	5.338G	11	5.604G	12	5.496G
13	5.645G	14	5.503G	15	5.650G	16	5.598G
17	5.274G	18	5.389G	19	5.300G	20	5.681G
21	5.315G	22	5.397G	23	5.308G	24	5.333G
25	5.538G	26	5.661G	27	5.250G	28	5.673G
29	5.323G	30	5.316G	31	5.724G	32	5.423G
33	5.366G	34	5.467G	35	5.297G	36	5.255G
37	5.425G	38	5.424G	39	5.549G	40	5.670G
41	5.540G	42	5.310G	43	5.669G	44	5.311G
45	5.259G	46	5.400G	47	5.644G	48	5.434G
49	5.281G	50	5.318G	51	5.510G	52	5.721G
53	5.280G	54	5.441G	55	5.639G	56	5.369G
57	5.716G	58	5.448G	59	5.445G	60	5.329G
61	5.579G	62	5.543G	63	5.479G	64	5.282G
65	5.631G	66	5.691G	67	5.426G	68	5.420G
69	5.279G	70	5.676G	71	5.406G	72	5.443G
73	5.683G	74	5.271G	75	5.275G	76	5.596G
77	5.428G	78	5.570G	79	5.518G	80	5.269G
81	5.368G	82	5.583G	83	5.343G	84	5.294G
85	5.355G	86	5.576G	87	5.340G	88	5.312G
89	5.463G	90	5.695G	91	5.321G	92	5.554G
93	5.641G	94	5.521G	95	5.272G	96	5.658G
97	5.327G	98	5.663G	99	5.693G	100	5.410G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.431G	2	5.628G	3	5.688G	4	5.316G
5	5.447G	6	5.541G	7	5.665G	8	5.648G
9	5.386G	10	5.576G	11	5.638G	12	5.607G
13	5.543G	14	5.414G	15	5.697G	16	5.625G
17	5.685G	18	5.683G	19	5.364G	20	5.311G
21	5.550G	22	5.319G	23	5.672G	24	5.341G
25	5.575G	26	5.691G	27	5.358G	28	5.363G
29	5.634G	30	5.608G	31	5.553G	32	5.567G
33	5.379G	34	5.670G	35	5.409G	36	5.474G
37	5.714G	38	5.325G	39	5.256G	40	5.699G
41	5.534G	42	5.551G	43	5.707G	44	5.322G
45	5.255G	46	5.709G	47	5.288G	48	5.643G
49	5.724G	50	5.294G	51	5.627G	52	5.479G
53	5.492G	54	5.483G	55	5.387G	56	5.572G
57	5.504G	58	5.406G	59	5.523G	60	5.557G
61	5.533G	62	5.452G	63	5.270G	64	5.680G
65	5.451G	66	5.600G	67	5.649G	68	5.300G
69	5.434G	70	5.373G	71	5.632G	72	5.655G
73	5.262G	74	5.382G	75	5.257G	76	5.264G
77	5.509G	78	5.502G	79	5.599G	80	5.720G
81	5.306G	82	5.391G	83	5.263G	84	5.677G
85	5.251G	86	5.445G	87	5.589G	88	5.711G
89	5.328G	90	5.259G	91	5.359G	92	5.433G
93	5.588G	94	5.417G	95	5.579G	96	5.478G
97	5.429G	98	5.293G	99	5.381G	100	5.536G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.367G	2	5.490G	3	5.326G	4	5.454G
5	5.470G	6	5.605G	7	5.270G	8	5.366G
9	5.478G	10	5.424G	11	5.622G	12	5.661G
13	5.432G	14	5.274G	15	5.410G	16	5.328G
17	5.419G	18	5.380G	19	5.597G	20	5.505G
21	5.720G	22	5.452G	23	5.333G	24	5.412G
25	5.488G	26	5.435G	27	5.422G	28	5.322G
29	5.344G	30	5.458G	31	5.281G	32	5.587G
33	5.698G	34	5.382G	35	5.715G	36	5.364G
37	5.372G	38	5.266G	39	5.628G	40	5.306G
41	5.411G	42	5.416G	43	5.378G	44	5.312G
45	5.475G	46	5.285G	47	5.420G	48	5.658G
49	5.425G	50	5.579G	51	5.496G	52	5.295G



53	5.629G	54	5.304G	55	5.559G	56	5.547G
57	5.721G	58	5.684G	59	5.273G	60	5.631G
61	5.623G	62	5.668G	63	5.671G	64	5.486G
65	5.608G	66	5.278G	67	5.705G	68	5.603G
69	5.719G	70	5.716G	71	5.482G	72	5.508G
73	5.392G	74	5.647G	75	5.299G	76	5.405G
77	5.305G	78	5.465G	79	5.469G	80	5.283G
81	5.307G	82	5.619G	83	5.642G	84	5.434G
85	5.355G	86	5.724G	87	5.401G	88	5.492G
89	5.612G	90	5.560G	91	5.691G	92	5.646G
93	5.390G	94	5.568G	95	5.665G	96	5.526G
97	5.580G	98	5.403G	99	5.388G	100	5.672G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.662G	2	5.251G	3	5.326G	4	5.553G
5	5.390G	6	5.330G	7	5.268G	8	5.276G
9	5.578G	10	5.478G	11	5.502G	12	5.676G
13	5.392G	14	5.512G	15	5.630G	16	5.504G
17	5.672G	18	5.300G	19	5.708G	20	5.408G
21	5.461G	22	5.404G	23	5.690G	24	5.613G
25	5.637G	26	5.668G	27	5.370G	28	5.548G
29	5.312G	30	5.515G	31	5.545G	32	5.476G
33	5.434G	34	5.620G	35	5.660G	36	5.260G
37	5.341G	38	5.724G	39	5.550G	40	5.458G
41	5.661G	42	5.599G	43	5.291G	44	5.366G
45	5.509G	46	5.259G	47	5.654G	48	5.510G
49	5.468G	50	5.329G	51	5.499G	52	5.573G
53	5.415G	54	5.555G	55	5.393G	56	5.368G
57	5.317G	58	5.635G	59	5.693G	60	5.656G
61	5.597G	62	5.365G	63	5.367G	64	5.373G
65	5.564G	66	5.384G	67	5.671G	68	5.360G
69	5.624G	70	5.282G	71	5.531G	72	5.486G
73	5.700G	74	5.394G	75	5.425G	76	5.526G
77	5.398G	78	5.568G	79	5.665G	80	5.484G
81	5.639G	82	5.698G	83	5.442G	84	5.417G
85	5.692G	86	5.351G	87	5.389G	88	5.420G
89	5.483G	90	5.556G	91	5.465G	92	5.347G
93	5.380G	94	5.657G	95	5.628G	96	5.594G
97	5.395G	98	5.588G	99	5.621G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.340G	2	5.299G	3	5.617G	4	5.345G
5	5.713G	6	5.480G	7	5.618G	8	5.390G
9	5.542G	10	5.380G	11	5.523G	12	5.501G
13	5.486G	14	5.546G	15	5.401G	16	5.376G
17	5.263G	18	5.423G	19	5.250G	20	5.361G
21	5.407G	22	5.391G	23	5.621G	24	5.569G
25	5.287G	26	5.516G	27	5.489G	28	5.259G
29	5.403G	30	5.658G	31	5.696G	32	5.308G
33	5.282G	34	5.561G	35	5.723G	36	5.398G
37	5.634G	38	5.609G	39	5.445G	40	5.541G
41	5.623G	42	5.385G	43	5.657G	44	5.565G
45	5.319G	46	5.644G	47	5.335G	48	5.573G
49	5.373G	50	5.479G	51	5.669G	52	5.383G
53	5.386G	54	5.381G	55	5.422G	56	5.717G
57	5.613G	58	5.412G	59	5.615G	60	5.302G
61	5.286G	62	5.701G	63	5.318G	64	5.370G
65	5.645G	66	5.418G	67	5.273G	68	5.537G
69	5.699G	70	5.311G	71	5.692G	72	5.642G
73	5.387G	74	5.664G	75	5.592G	76	5.271G
77	5.588G	78	5.695G	79	5.284G	80	5.395G
81	5.677G	82	5.702G	83	5.712G	84	5.678G
85	5.643G	86	5.444G	87	5.539G	88	5.574G
89	5.439G	90	5.363G	91	5.332G	92	5.288G
93	5.647G	94	5.492G	95	5.651G	96	5.630G
97	5.586G	98	5.628G	99	5.359G	100	5.416G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.288G	2	5.425G	3	5.343G	4	5.616G
5	5.300G	6	5.641G	7	5.645G	8	5.676G
9	5.413G	10	5.412G	11	5.568G	12	5.632G
13	5.347G	14	5.451G	15	5.549G	16	5.484G
17	5.521G	18	5.717G	19	5.658G	20	5.691G
21	5.265G	22	5.604G	23	5.518G	24	5.318G
25	5.563G	26	5.478G	27	5.388G	28	5.452G
29	5.663G	30	5.690G	31	5.626G	32	5.256G
33	5.485G	34	5.468G	35	5.716G	36	5.293G
37	5.267G	38	5.722G	39	5.527G	40	5.341G
41	5.620G	42	5.697G	43	5.489G	44	5.557G
45	5.607G	46	5.423G	47	5.399G	48	5.580G
49	5.353G	50	5.680G	51	5.714G	52	5.487G

53	5.251G	54	5.491G	55	5.644G	56	5.578G
57	5.342G	58	5.652G	59	5.560G	60	5.622G
61	5.476G	62	5.634G	63	5.661G	64	5.637G
65	5.545G	66	5.421G	67	5.277G	68	5.389G
69	5.314G	70	5.682G	71	5.386G	72	5.286G
73	5.586G	74	5.287G	75	5.316G	76	5.657G
77	5.542G	78	5.282G	79	5.594G	80	5.606G
81	5.540G	82	5.552G	83	5.280G	84	5.350G
85	5.505G	86	5.330G	87	5.623G	88	5.400G
89	5.408G	90	5.684G	91	5.597G	92	5.254G
93	5.638G	94	5.569G	95	5.467G	96	5.270G
97	5.378G	98	5.504G	99	5.259G	100	5.367G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.367G	2	5.338G	3	5.446G	4	5.376G
5	5.467G	6	5.258G	7	5.547G	8	5.466G
9	5.622G	10	5.632G	11	5.706G	12	5.358G
13	5.349G	14	5.512G	15	5.395G	16	5.670G
17	5.356G	18	5.599G	19	5.699G	20	5.452G
21	5.317G	22	5.254G	23	5.654G	24	5.500G
25	5.368G	26	5.549G	27	5.261G	28	5.377G
29	5.307G	30	5.635G	31	5.564G	32	5.667G
33	5.415G	34	5.384G	35	5.661G	36	5.655G
37	5.521G	38	5.673G	39	5.259G	40	5.522G
41	5.511G	42	5.668G	43	5.422G	44	5.364G
45	5.559G	46	5.692G	47	5.631G	48	5.281G
49	5.476G	50	5.390G	51	5.250G	52	5.429G
53	5.639G	54	5.371G	55	5.272G	56	5.650G
57	5.413G	58	5.722G	59	5.497G	60	5.343G
61	5.392G	62	5.320G	63	5.486G	64	5.425G
65	5.388G	66	5.644G	67	5.457G	68	5.691G
69	5.420G	70	5.531G	71	5.686G	72	5.344G
73	5.372G	74	5.721G	75	5.436G	76	5.695G
77	5.504G	78	5.386G	79	5.404G	80	5.438G
81	5.523G	82	5.581G	83	5.535G	84	5.554G
85	5.474G	86	5.432G	87	5.310G	88	5.433G
89	5.461G	90	5.685G	91	5.268G	92	5.553G
93	5.614G	94	5.490G	95	5.709G	96	5.541G
97	5.469G	98	5.369G	99	5.544G	100	5.378G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.306G	2	5.332G	3	5.657G	4	5.517G
5	5.452G	6	5.459G	7	5.500G	8	5.525G
9	5.435G	10	5.404G	11	5.425G	12	5.633G
13	5.617G	14	5.271G	15	5.631G	16	5.465G
17	5.667G	18	5.665G	19	5.659G	20	5.672G
21	5.577G	22	5.255G	23	5.347G	24	5.310G
25	5.721G	26	5.610G	27	5.616G	28	5.330G
29	5.645G	30	5.395G	31	5.662G	32	5.488G
33	5.386G	34	5.462G	35	5.397G	36	5.498G
37	5.327G	38	5.723G	39	5.646G	40	5.604G
41	5.367G	42	5.703G	43	5.362G	44	5.315G
45	5.581G	46	5.251G	47	5.615G	48	5.384G
49	5.597G	50	5.458G	51	5.568G	52	5.371G
53	5.353G	54	5.273G	55	5.527G	56	5.553G
57	5.461G	58	5.476G	59	5.536G	60	5.562G
61	5.641G	62	5.709G	63	5.313G	64	5.398G
65	5.606G	66	5.484G	67	5.607G	68	5.666G
69	5.489G	70	5.518G	71	5.479G	72	5.282G
73	5.578G	74	5.474G	75	5.689G	76	5.281G
77	5.477G	78	5.638G	79	5.279G	80	5.352G
81	5.566G	82	5.365G	83	5.317G	84	5.583G
85	5.475G	86	5.356G	87	5.682G	88	5.719G
89	5.592G	90	5.314G	91	5.590G	92	5.601G
93	5.572G	94	5.334G	95	5.690G	96	5.402G
97	5.585G	98	5.325G	99	5.374G	100	5.311G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.680G	2	5.297G	3	5.388G	4	5.370G
5	5.609G	6	5.686G	7	5.606G	8	5.710G
9	5.589G	10	5.354G	11	5.430G	12	5.471G
13	5.423G	14	5.684G	15	5.288G	16	5.429G
17	5.333G	18	5.623G	19	5.668G	20	5.302G
21	5.419G	22	5.539G	23	5.536G	24	5.284G
25	5.446G	26	5.292G	27	5.564G	28	5.528G
29	5.410G	30	5.708G	31	5.602G	32	5.322G
33	5.295G	34	5.515G	35	5.332G	36	5.622G
37	5.693G	38	5.632G	39	5.489G	40	5.517G
41	5.435G	42	5.385G	43	5.611G	44	5.455G
45	5.462G	46	5.519G	47	5.521G	48	5.301G
49	5.542G	50	5.613G	51	5.683G	52	5.316G

53	5.707G	54	5.360G	55	5.579G	56	5.553G
57	5.397G	58	5.526G	59	5.699G	60	5.503G
61	5.590G	62	5.498G	63	5.518G	64	5.453G
65	5.372G	66	5.488G	67	5.577G	68	5.639G
69	5.492G	70	5.456G	71	5.641G	72	5.464G
73	5.484G	74	5.425G	75	5.353G	76	5.580G
77	5.556G	78	5.607G	79	5.478G	80	5.285G
81	5.296G	82	5.324G	83	5.688G	84	5.251G
85	5.585G	86	5.365G	87	5.624G	88	5.373G
89	5.549G	90	5.627G	91	5.618G	92	5.268G
93	5.311G	94	5.261G	95	5.347G	96	5.374G
97	5.718G	98	5.390G	99	5.593G	100	5.568G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.676G	2	5.721G	3	5.433G	4	5.443G
5	5.566G	6	5.652G	7	5.333G	8	5.632G
9	5.442G	10	5.716G	11	5.378G	12	5.402G
13	5.268G	14	5.412G	15	5.488G	16	5.357G
17	5.376G	18	5.671G	19	5.590G	20	5.451G
21	5.423G	22	5.579G	23	5.536G	24	5.343G
25	5.396G	26	5.471G	27	5.369G	28	5.510G
29	5.429G	30	5.265G	31	5.476G	32	5.305G
33	5.570G	34	5.622G	35	5.613G	36	5.342G
37	5.656G	38	5.289G	39	5.608G	40	5.478G
41	5.362G	42	5.281G	43	5.441G	44	5.385G
45	5.477G	46	5.406G	47	5.468G	48	5.337G
49	5.401G	50	5.489G	51	5.452G	52	5.698G
53	5.646G	54	5.285G	55	5.616G	56	5.509G
57	5.325G	58	5.533G	59	5.467G	60	5.623G
61	5.561G	62	5.542G	63	5.288G	64	5.261G
65	5.525G	66	5.589G	67	5.445G	68	5.347G
69	5.706G	70	5.302G	71	5.395G	72	5.463G
73	5.480G	74	5.607G	75	5.449G	76	5.501G
77	5.662G	78	5.373G	79	5.311G	80	5.368G
81	5.331G	82	5.312G	83	5.593G	84	5.581G
85	5.603G	86	5.262G	87	5.367G	88	5.538G
89	5.577G	90	5.711G	91	5.473G	92	5.365G
93	5.531G	94	5.684G	95	5.420G	96	5.576G
97	5.686G	98	5.407G	99	5.535G	100	5.252G

## IEEE 802.11n 40MHz

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.252G	2	5.572G	3	5.515G	4	5.655G
5	5.509G	6	5.600G	7	5.602G	8	5.467G
9	5.359G	10	5.282G	11	5.558G	12	5.670G
13	5.590G	14	5.621G	15	5.313G	16	5.560G
17	5.270G	18	5.519G	19	5.262G	20	5.458G
21	5.562G	22	5.687G	23	5.264G	24	5.455G
25	5.289G	26	5.522G	27	5.279G	28	5.414G
29	5.512G	30	5.350G	31	5.440G	32	5.577G
33	5.303G	34	5.266G	35	5.435G	36	5.395G
37	5.719G	38	5.259G	39	5.380G	40	5.345G
41	5.561G	42	5.352G	43	5.624G	44	5.713G
45	5.694G	46	5.307G	47	5.366G	48	5.721G
49	5.433G	50	5.332G	51	5.267G	52	5.615G
53	5.300G	54	5.253G	55	5.544G	56	5.523G
57	5.582G	58	5.497G	59	5.505G	60	5.683G
61	5.392G	62	5.513G	63	5.626G	64	5.653G
65	5.536G	66	5.299G	67	5.363G	68	5.693G
69	5.374G	70	5.493G	71	5.365G	72	5.648G
73	5.588G	74	5.491G	75	5.432G	76	5.528G
77	5.667G	78	5.565G	79	5.550G	80	5.641G
81	5.619G	82	5.422G	83	5.573G	84	5.462G
85	5.349G	86	5.409G	87	5.263G	88	5.397G
89	5.707G	90	5.684G	91	5.566G	92	5.281G
93	5.507G	94	5.280G	95	5.396G	96	5.424G
97	5.606G	98	5.399G	99	5.487G	100	5.564G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.647G	2	5.619G	3	5.442G	4	5.358G
5	5.416G	6	5.326G	7	5.440G	8	5.583G
9	5.500G	10	5.434G	11	5.679G	12	5.695G
13	5.450G	14	5.652G	15	5.433G	16	5.424G
17	5.458G	18	5.406G	19	5.543G	20	5.268G
21	5.331G	22	5.713G	23	5.384G	24	5.614G
25	5.361G	26	5.521G	27	5.698G	28	5.672G
29	5.711G	30	5.560G	31	5.285G	32	5.379G
33	5.676G	34	5.552G	35	5.404G	36	5.305G
37	5.255G	38	5.643G	39	5.563G	40	5.485G
41	5.557G	42	5.690G	43	5.332G	44	5.484G
45	5.656G	46	5.493G	47	5.565G	48	5.330G

49	5.269G	50	5.719G	51	5.536G	52	5.400G
53	5.475G	54	5.665G	55	5.549G	56	5.501G
57	5.377G	58	5.628G	59	5.575G	60	5.418G
61	5.344G	62	5.408G	63	5.699G	64	5.412G
65	5.677G	66	5.548G	67	5.389G	68	5.616G
69	5.653G	70	5.717G	71	5.720G	72	5.437G
73	5.401G	74	5.714G	75	5.581G	76	5.456G
77	5.355G	78	5.486G	79	5.673G	80	5.535G
81	5.369G	82	5.561G	83	5.426G	84	5.299G
85	5.657G	86	5.510G	87	5.273G	88	5.642G
89	5.641G	90	5.668G	91	5.497G	92	5.383G
93	5.394G	94	5.459G	95	5.724G	96	5.661G
97	5.491G	98	5.664G	99	5.707G	100	5.266G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.281G	2	5.546G	3	5.294G	4	5.580G
5	5.253G	6	5.695G	7	5.336G	8	5.613G
9	5.380G	10	5.385G	11	5.254G	12	5.514G
13	5.451G	14	5.717G	15	5.400G	16	5.626G
17	5.353G	18	5.402G	19	5.502G	20	5.376G
21	5.604G	22	5.413G	23	5.466G	24	5.560G
25	5.522G	26	5.469G	27	5.689G	28	5.394G
29	5.406G	30	5.325G	31	5.574G	32	5.620G
33	5.535G	34	5.486G	35	5.255G	36	5.409G
37	5.296G	38	5.569G	39	5.478G	40	5.685G
41	5.516G	42	5.709G	43	5.377G	44	5.423G
45	5.711G	46	5.291G	47	5.473G	48	5.493G
49	5.570G	50	5.326G	51	5.324G	52	5.488G
53	5.403G	54	5.568G	55	5.597G	56	5.527G
57	5.534G	58	5.364G	59	5.519G	60	5.615G
61	5.395G	62	5.579G	63	5.680G	64	5.639G
65	5.467G	66	5.607G	67	5.329G	68	5.441G
69	5.265G	70	5.537G	71	5.581G	72	5.371G
73	5.359G	74	5.344G	75	5.444G	76	5.548G
77	5.635G	78	5.707G	79	5.556G	80	5.702G
81	5.268G	82	5.670G	83	5.598G	84	5.576G
85	5.686G	86	5.517G	87	5.608G	88	5.599G
89	5.432G	90	5.302G	91	5.431G	92	5.518G
93	5.612G	94	5.638G	95	5.582G	96	5.447G
97	5.533G	98	5.316G	99	5.361G	100	5.630G



Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.540G	2	5.545G	3	5.659G	4	5.269G
5	5.510G	6	5.688G	7	5.500G	8	5.421G
9	5.444G	10	5.637G	11	5.360G	12	5.605G
13	5.601G	14	5.667G	15	5.385G	16	5.274G
17	5.627G	18	5.287G	19	5.413G	20	5.499G
21	5.467G	22	5.616G	23	5.479G	24	5.348G
25	5.278G	26	5.666G	27	5.705G	28	5.369G
29	5.352G	30	5.380G	31	5.676G	32	5.498G
33	5.665G	34	5.643G	35	5.257G	36	5.482G
37	5.428G	38	5.283G	39	5.615G	40	5.316G
41	5.398G	42	5.386G	43	5.414G	44	5.680G
45	5.565G	46	5.577G	47	5.342G	48	5.542G
49	5.292G	50	5.648G	51	5.715G	52	5.484G
53	5.654G	54	5.458G	55	5.712G	56	5.432G
57	5.354G	58	5.597G	59	5.315G	60	5.716G
61	5.598G	62	5.429G	63	5.592G	64	5.633G
65	5.527G	66	5.536G	67	5.453G	68	5.332G
69	5.394G	70	5.313G	71	5.356G	72	5.341G
73	5.325G	74	5.384G	75	5.674G	76	5.450G
77	5.670G	78	5.409G	79	5.663G	80	5.365G
81	5.580G	82	5.416G	83	5.447G	84	5.442G
85	5.522G	86	5.546G	87	5.600G	88	5.602G
89	5.462G	90	5.436G	91	5.639G	92	5.506G
93	5.614G	94	5.711G	95	5.288G	96	5.624G
97	5.289G	98	5.555G	99	5.513G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.331G	2	5.252G	3	5.426G	4	5.633G
5	5.649G	6	5.578G	7	5.355G	8	5.406G
9	5.336G	10	5.413G	11	5.592G	12	5.392G
13	5.541G	14	5.292G	15	5.713G	16	5.602G
17	5.527G	18	5.575G	19	5.476G	20	5.646G
21	5.260G	22	5.665G	23	5.414G	24	5.618G
25	5.385G	26	5.682G	27	5.724G	28	5.273G
29	5.434G	30	5.551G	31	5.322G	32	5.498G
33	5.687G	34	5.368G	35	5.714G	36	5.590G
37	5.364G	38	5.540G	39	5.561G	40	5.567G
41	5.522G	42	5.685G	43	5.328G	44	5.271G
45	5.251G	46	5.363G	47	5.690G	48	5.373G
49	5.484G	50	5.449G	51	5.629G	52	5.290G

53	5.470G	54	5.303G	55	5.256G	56	5.582G
57	5.451G	58	5.386G	59	5.289G	60	5.702G
61	5.400G	62	5.438G	63	5.361G	64	5.359G
65	5.274G	66	5.390G	67	5.606G	68	5.334G
69	5.351G	70	5.344G	71	5.362G	72	5.659G
73	5.684G	74	5.723G	75	5.647G	76	5.264G
77	5.404G	78	5.257G	79	5.466G	80	5.636G
81	5.639G	82	5.409G	83	5.656G	84	5.563G
85	5.701G	86	5.444G	87	5.268G	88	5.638G
89	5.548G	90	5.693G	91	5.637G	92	5.515G
93	5.576G	94	5.699G	95	5.648G	96	5.543G
97	5.555G	98	5.261G	99	5.250G	100	5.559G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.535G	2	5.656G	3	5.541G	4	5.667G
5	5.528G	6	5.410G	7	5.559G	8	5.532G
9	5.551G	10	5.507G	11	5.257G	12	5.574G
13	5.398G	14	5.688G	15	5.366G	16	5.263G
17	5.404G	18	5.374G	19	5.314G	20	5.391G
21	5.484G	22	5.592G	23	5.462G	24	5.487G
25	5.443G	26	5.643G	27	5.457G	28	5.661G
29	5.346G	30	5.626G	31	5.558G	32	5.267G
33	5.702G	34	5.603G	35	5.625G	36	5.253G
37	5.618G	38	5.508G	39	5.713G	40	5.556G
41	5.332G	42	5.479G	43	5.458G	44	5.506G
45	5.718G	46	5.318G	47	5.615G	48	5.316G
49	5.325G	50	5.423G	51	5.417G	52	5.440G
53	5.377G	54	5.279G	55	5.326G	56	5.446G
57	5.268G	58	5.431G	59	5.292G	60	5.290G
61	5.412G	62	5.684G	63	5.554G	64	5.348G
65	5.337G	66	5.467G	67	5.402G	68	5.285G
69	5.515G	70	5.370G	71	5.470G	72	5.420G
73	5.294G	74	5.311G	75	5.393G	76	5.441G
77	5.460G	78	5.616G	79	5.543G	80	5.427G
81	5.637G	82	5.571G	83	5.397G	84	5.426G
85	5.540G	86	5.270G	87	5.359G	88	5.283G
89	5.266G	90	5.523G	91	5.683G	92	5.408G
93	5.375G	94	5.421G	95	5.478G	96	5.591G
97	5.260G	98	5.674G	99	5.451G	100	5.596G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.470G	2	5.446G	3	5.695G	4	5.668G
5	5.407G	6	5.377G	7	5.645G	8	5.653G
9	5.416G	10	5.385G	11	5.266G	12	5.646G
13	5.722G	14	5.318G	15	5.374G	16	5.603G
17	5.461G	18	5.469G	19	5.567G	20	5.622G
21	5.379G	22	5.439G	23	5.378G	24	5.564G
25	5.301G	26	5.433G	27	5.417G	28	5.372G
29	5.635G	30	5.429G	31	5.375G	32	5.493G
33	5.435G	34	5.571G	35	5.351G	36	5.482G
37	5.713G	38	5.484G	39	5.422G	40	5.601G
41	5.438G	42	5.307G	43	5.723G	44	5.388G
45	5.411G	46	5.626G	47	5.585G	48	5.406G
49	5.540G	50	5.360G	51	5.397G	52	5.532G
53	5.369G	54	5.517G	55	5.575G	56	5.250G
57	5.604G	58	5.396G	59	5.287G	60	5.650G
61	5.524G	62	5.455G	63	5.486G	64	5.273G
65	5.442G	66	5.348G	67	5.591G	68	5.389G
69	5.414G	70	5.600G	71	5.621G	72	5.326G
73	5.696G	74	5.563G	75	5.437G	76	5.488G
77	5.478G	78	5.277G	79	5.633G	80	5.619G
81	5.329G	82	5.303G	83	5.510G	84	5.387G
85	5.506G	86	5.320G	87	5.312G	88	5.523G
89	5.620G	90	5.356G	91	5.390G	92	5.507G
93	5.443G	94	5.689G	95	5.511G	96	5.466G
97	5.492G	98	5.331G	99	5.665G	100	5.538G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.421G	3	5.485G	4	5.642G
5	5.318G	6	5.382G	7	5.453G	8	5.655G
9	5.316G	10	5.566G	11	5.487G	12	5.418G
13	5.302G	14	5.362G	15	5.498G	16	5.510G
17	5.692G	18	5.396G	19	5.589G	20	5.353G
21	5.597G	22	5.546G	23	5.545G	24	5.355G
25	5.430G	26	5.467G	27	5.663G	28	5.278G
29	5.701G	30	5.450G	31	5.458G	32	5.348G
33	5.301G	34	5.272G	35	5.557G	36	5.591G
37	5.281G	38	5.338G	39	5.425G	40	5.384G
41	5.463G	42	5.508G	43	5.582G	44	5.369G
45	5.490G	46	5.626G	47	5.438G	48	5.507G
49	5.673G	50	5.492G	51	5.273G	52	5.574G

53	5.452G	54	5.294G	55	5.331G	56	5.303G
57	5.334G	58	5.446G	59	5.412G	60	5.305G
61	5.394G	62	5.275G	63	5.691G	64	5.286G
65	5.479G	66	5.664G	67	5.254G	68	5.310G
69	5.476G	70	5.547G	71	5.699G	72	5.435G
73	5.610G	74	5.550G	75	5.707G	76	5.433G
77	5.345G	78	5.517G	79	5.559G	80	5.449G
81	5.593G	82	5.472G	83	5.282G	84	5.377G
85	5.708G	86	5.493G	87	5.504G	88	5.506G
89	5.590G	90	5.432G	91	5.674G	92	5.511G
93	5.264G	94	5.464G	95	5.307G	96	5.715G
97	5.535G	98	5.445G	99	5.604G	100	5.277G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.582G	2	5.632G	3	5.388G	4	5.295G
5	5.666G	6	5.282G	7	5.528G	8	5.337G
9	5.254G	10	5.697G	11	5.427G	12	5.434G
13	5.391G	14	5.393G	15	5.680G	16	5.291G
17	5.641G	18	5.611G	19	5.580G	20	5.405G
21	5.537G	22	5.457G	23	5.360G	24	5.713G
25	5.721G	26	5.677G	27	5.285G	28	5.310G
29	5.359G	30	5.718G	31	5.373G	32	5.331G
33	5.378G	34	5.482G	35	5.620G	36	5.258G
37	5.565G	38	5.253G	39	5.672G	40	5.357G
41	5.479G	42	5.689G	43	5.401G	44	5.673G
45	5.298G	46	5.319G	47	5.324G	48	5.438G
49	5.379G	50	5.593G	51	5.330G	52	5.608G
53	5.604G	54	5.678G	55	5.664G	56	5.314G
57	5.659G	58	5.403G	59	5.269G	60	5.410G
61	5.306G	62	5.669G	63	5.643G	64	5.369G
65	5.597G	66	5.300G	67	5.649G	68	5.657G
69	5.478G	70	5.709G	71	5.715G	72	5.386G
73	5.442G	74	5.574G	75	5.292G	76	5.421G
77	5.444G	78	5.289G	79	5.627G	80	5.699G
81	5.638G	82	5.529G	83	5.532G	84	5.651G
85	5.394G	86	5.540G	87	5.571G	88	5.606G
89	5.572G	90	5.656G	91	5.382G	92	5.489G
93	5.368G	94	5.650G	95	5.630G	96	5.271G
97	5.517G	98	5.315G	99	5.316G	100	5.274G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.600G	2	5.681G	3	5.629G	4	5.477G
5	5.547G	6	5.296G	7	5.357G	8	5.658G
9	5.395G	10	5.369G	11	5.498G	12	5.514G
13	5.468G	14	5.588G	15	5.474G	16	5.704G
17	5.538G	18	5.716G	19	5.517G	20	5.328G
21	5.382G	22	5.287G	23	5.459G	24	5.425G
25	5.426G	26	5.604G	27	5.584G	28	5.574G
29	5.524G	30	5.411G	31	5.394G	32	5.435G
33	5.671G	34	5.280G	35	5.540G	36	5.694G
37	5.653G	38	5.418G	39	5.330G	40	5.261G
41	5.646G	42	5.591G	43	5.634G	44	5.688G
45	5.410G	46	5.606G	47	5.689G	48	5.594G
49	5.362G	50	5.621G	51	5.724G	52	5.706G
53	5.624G	54	5.299G	55	5.563G	56	5.465G
57	5.487G	58	5.568G	59	5.642G	60	5.307G
61	5.695G	62	5.384G	63	5.432G	64	5.403G
65	5.616G	66	5.390G	67	5.660G	68	5.543G
69	5.260G	70	5.614G	71	5.274G	72	5.636G
73	5.321G	74	5.720G	75	5.250G	76	5.508G
77	5.603G	78	5.428G	79	5.262G	80	5.379G
81	5.541G	82	5.329G	83	5.630G	84	5.372G
85	5.370G	86	5.546G	87	5.645G	88	5.590G
89	5.342G	90	5.365G	91	5.679G	92	5.612G
93	5.444G	94	5.306G	95	5.520G	96	5.422G
97	5.317G	98	5.338G	99	5.550G	100	5.255G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.588G	2	5.421G	3	5.335G	4	5.289G
5	5.439G	6	5.355G	7	5.448G	8	5.515G
9	5.656G	10	5.419G	11	5.557G	12	5.590G
13	5.443G	14	5.544G	15	5.461G	16	5.392G
17	5.462G	18	5.292G	19	5.593G	20	5.503G
21	5.468G	22	5.347G	23	5.321G	24	5.449G
25	5.384G	26	5.404G	27	5.362G	28	5.287G
29	5.342G	30	5.250G	31	5.389G	32	5.686G
33	5.474G	34	5.464G	35	5.253G	36	5.603G
37	5.703G	38	5.477G	39	5.572G	40	5.499G
41	5.589G	42	5.575G	43	5.595G	44	5.620G
45	5.632G	46	5.611G	47	5.547G	48	5.635G
49	5.366G	50	5.457G	51	5.645G	52	5.286G

53	5.354G	54	5.285G	55	5.306G	56	5.324G
57	5.276G	58	5.414G	59	5.463G	60	5.701G
61	5.251G	62	5.585G	63	5.528G	64	5.559G
65	5.584G	66	5.587G	67	5.716G	68	5.329G
69	5.538G	70	5.270G	71	5.536G	72	5.491G
73	5.613G	74	5.288G	75	5.667G	76	5.714G
77	5.485G	78	5.718G	79	5.332G	80	5.397G
81	5.668G	82	5.263G	83	5.487G	84	5.256G
85	5.554G	86	5.708G	87	5.675G	88	5.597G
89	5.307G	90	5.415G	91	5.517G	92	5.327G
93	5.273G	94	5.424G	95	5.644G	96	5.702G
97	5.522G	98	5.425G	99	5.271G	100	5.565G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.292G	2	5.687G	3	5.603G	4	5.288G
5	5.541G	6	5.533G	7	5.348G	8	5.413G
9	5.561G	10	5.483G	11	5.651G	12	5.406G
13	5.711G	14	5.443G	15	5.554G	16	5.462G
17	5.555G	18	5.261G	19	5.600G	20	5.423G
21	5.628G	22	5.645G	23	5.676G	24	5.530G
25	5.595G	26	5.640G	27	5.263G	28	5.601G
29	5.365G	30	5.611G	31	5.284G	32	5.269G
33	5.357G	34	5.674G	35	5.653G	36	5.424G
37	5.532G	38	5.496G	39	5.636G	40	5.341G
41	5.304G	42	5.328G	43	5.691G	44	5.678G
45	5.308G	46	5.418G	47	5.479G	48	5.438G
49	5.482G	50	5.257G	51	5.417G	52	5.351G
53	5.586G	54	5.255G	55	5.641G	56	5.441G
57	5.675G	58	5.540G	59	5.416G	60	5.579G
61	5.638G	62	5.683G	63	5.262G	64	5.334G
65	5.278G	66	5.519G	67	5.523G	68	5.490G
69	5.657G	70	5.293G	71	5.274G	72	5.467G
73	5.665G	74	5.428G	75	5.286G	76	5.509G
77	5.296G	78	5.631G	79	5.459G	80	5.295G
81	5.318G	82	5.394G	83	5.484G	84	5.486G
85	5.350G	86	5.378G	87	5.692G	88	5.542G
89	5.358G	90	5.254G	91	5.397G	92	5.547G
93	5.557G	94	5.630G	95	5.265G	96	5.673G
97	5.499G	98	5.322G	99	5.382G	100	5.560G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.596G	2	5.443G	3	5.616G	4	5.527G
5	5.431G	6	5.594G	7	5.502G	8	5.411G
9	5.570G	10	5.523G	11	5.682G	12	5.634G
13	5.533G	14	5.422G	15	5.397G	16	5.609G
17	5.550G	18	5.536G	19	5.569G	20	5.459G
21	5.486G	22	5.335G	23	5.399G	24	5.410G
25	5.566G	26	5.612G	27	5.708G	28	5.355G
29	5.629G	30	5.631G	31	5.331G	32	5.621G
33	5.571G	34	5.695G	35	5.686G	36	5.456G
37	5.307G	38	5.463G	39	5.638G	40	5.479G
41	5.340G	42	5.572G	43	5.267G	44	5.653G
45	5.423G	46	5.575G	47	5.450G	48	5.649G
49	5.314G	50	5.573G	51	5.251G	52	5.357G
53	5.493G	54	5.683G	55	5.333G	56	5.508G
57	5.574G	58	5.285G	59	5.610G	60	5.674G
61	5.281G	62	5.588G	63	5.544G	64	5.507G
65	5.292G	66	5.468G	67	5.260G	68	5.581G
69	5.436G	70	5.564G	71	5.342G	72	5.269G
73	5.304G	74	5.347G	75	5.658G	76	5.524G
77	5.513G	78	5.288G	79	5.339G	80	5.639G
81	5.587G	82	5.420G	83	5.313G	84	5.648G
85	5.474G	86	5.389G	87	5.652G	88	5.532G
89	5.344G	90	5.327G	91	5.388G	92	5.647G
93	5.675G	94	5.535G	95	5.664G	96	5.252G
97	5.666G	98	5.489G	99	5.435G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.483G	2	5.542G	3	5.436G	4	5.577G
5	5.499G	6	5.314G	7	5.268G	8	5.439G
9	5.313G	10	5.544G	11	5.690G	12	5.715G
13	5.524G	14	5.589G	15	5.676G	16	5.603G
17	5.272G	18	5.449G	19	5.288G	20	5.462G
21	5.663G	22	5.490G	23	5.537G	24	5.332G
25	5.315G	26	5.683G	27	5.684G	28	5.610G
29	5.641G	30	5.639G	31	5.366G	32	5.710G
33	5.686G	34	5.431G	35	5.511G	36	5.469G
37	5.586G	38	5.328G	39	5.607G	40	5.456G
41	5.716G	42	5.682G	43	5.486G	44	5.576G
45	5.434G	46	5.694G	47	5.666G	48	5.357G
49	5.550G	50	5.284G	51	5.651G	52	5.643G

53	5.277G	54	5.275G	55	5.287G	56	5.579G
57	5.383G	58	5.636G	59	5.432G	60	5.345G
61	5.478G	62	5.322G	63	5.466G	64	5.620G
65	5.402G	66	5.600G	67	5.572G	68	5.487G
69	5.661G	70	5.379G	71	5.450G	72	5.399G
73	5.312G	74	5.405G	75	5.485G	76	5.390G
77	5.418G	78	5.538G	79	5.523G	80	5.632G
81	5.365G	82	5.679G	83	5.708G	84	5.361G
85	5.681G	86	5.329G	87	5.360G	88	5.274G
89	5.461G	90	5.642G	91	5.281G	92	5.548G
93	5.407G	94	5.547G	95	5.723G	96	5.259G
97	5.378G	98	5.316G	99	5.369G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.377G	2	5.698G	3	5.275G	4	5.688G
5	5.587G	6	5.505G	7	5.308G	8	5.466G
9	5.656G	10	5.250G	11	5.665G	12	5.677G
13	5.496G	14	5.700G	15	5.691G	16	5.450G
17	5.311G	18	5.322G	19	5.459G	20	5.457G
21	5.563G	22	5.405G	23	5.572G	24	5.543G
25	5.690G	26	5.685G	27	5.396G	28	5.420G
29	5.522G	30	5.387G	31	5.486G	32	5.428G
33	5.337G	34	5.305G	35	5.553G	36	5.381G
37	5.251G	38	5.309G	39	5.640G	40	5.634G
41	5.597G	42	5.559G	43	5.477G	44	5.610G
45	5.317G	46	5.542G	47	5.710G	48	5.548G
49	5.619G	50	5.519G	51	5.303G	52	5.709G
53	5.398G	54	5.645G	55	5.692G	56	5.319G
57	5.299G	58	5.573G	59	5.704G	60	5.264G
61	5.603G	62	5.256G	63	5.604G	64	5.569G
65	5.649G	66	5.397G	67	5.394G	68	5.637G
69	5.267G	70	5.438G	71	5.430G	72	5.501G
73	5.483G	74	5.487G	75	5.592G	76	5.586G
77	5.504G	78	5.500G	79	5.257G	80	5.404G
81	5.652G	82	5.622G	83	5.439G	84	5.295G
85	5.545G	86	5.627G	87	5.549G	88	5.480G
89	5.484G	90	5.626G	91	5.355G	92	5.385G
93	5.571G	94	5.409G	95	5.503G	96	5.340G
97	5.532G	98	5.531G	99	5.334G	100	5.451G



Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.487G	2	5.519G	3	5.569G	4	5.550G
5	5.451G	6	5.259G	7	5.658G	8	5.596G
9	5.564G	10	5.348G	11	5.703G	12	5.670G
13	5.617G	14	5.324G	15	5.278G	16	5.568G
17	5.281G	18	5.270G	19	5.309G	20	5.624G
21	5.666G	22	5.416G	23	5.398G	24	5.255G
25	5.409G	26	5.563G	27	5.593G	28	5.604G
29	5.638G	30	5.692G	31	5.686G	32	5.540G
33	5.346G	34	5.252G	35	5.598G	36	5.626G
37	5.606G	38	5.671G	39	5.383G	40	5.691G
41	5.489G	42	5.405G	43	5.608G	44	5.276G
45	5.399G	46	5.400G	47	5.447G	48	5.291G
49	5.512G	50	5.358G	51	5.423G	52	5.551G
53	5.387G	54	5.483G	55	5.282G	56	5.504G
57	5.616G	58	5.317G	59	5.470G	60	5.469G
61	5.709G	62	5.275G	63	5.354G	64	5.440G
65	5.452G	66	5.544G	67	5.498G	68	5.711G
69	5.541G	70	5.463G	71	5.621G	72	5.436G
73	5.421G	74	5.653G	75	5.353G	76	5.585G
77	5.672G	78	5.338G	79	5.337G	80	5.262G
81	5.419G	82	5.313G	83	5.403G	84	5.414G
85	5.445G	86	5.705G	87	5.627G	88	5.457G
89	5.517G	90	5.340G	91	5.389G	92	5.453G
93	5.301G	94	5.664G	95	5.552G	96	5.425G
97	5.652G	98	5.643G	99	5.680G	100	5.530G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.361G	2	5.355G	3	5.314G	4	5.277G
5	5.651G	6	5.362G	7	5.307G	8	5.501G
9	5.550G	10	5.269G	11	5.276G	12	5.693G
13	5.347G	14	5.711G	15	5.439G	16	5.497G
17	5.491G	18	5.330G	19	5.291G	20	5.528G
21	5.384G	22	5.718G	23	5.562G	24	5.317G
25	5.466G	26	5.629G	27	5.383G	28	5.632G
29	5.270G	30	5.388G	31	5.604G	32	5.481G
33	5.287G	34	5.370G	35	5.401G	36	5.306G
37	5.284G	38	5.443G	39	5.326G	40	5.634G
41	5.514G	42	5.627G	43	5.446G	44	5.536G
45	5.464G	46	5.500G	47	5.680G	48	5.570G
49	5.484G	50	5.342G	51	5.367G	52	5.704G

53	5.533G	54	5.701G	55	5.414G	56	5.529G
57	5.478G	58	5.440G	59	5.298G	60	5.473G
61	5.549G	62	5.288G	63	5.441G	64	5.663G
65	5.507G	66	5.519G	67	5.640G	68	5.267G
69	5.545G	70	5.412G	71	5.409G	72	5.566G
73	5.646G	74	5.705G	75	5.264G	76	5.531G
77	5.353G	78	5.309G	79	5.395G	80	5.424G
81	5.428G	82	5.487G	83	5.720G	84	5.511G
85	5.265G	86	5.299G	87	5.574G	88	5.541G
89	5.588G	90	5.339G	91	5.613G	92	5.551G
93	5.334G	94	5.717G	95	5.449G	96	5.543G
97	5.310G	98	5.596G	99	5.359G	100	5.606G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.720G	2	5.397G	3	5.493G	4	5.459G
5	5.530G	6	5.685G	7	5.508G	8	5.558G
9	5.650G	10	5.485G	11	5.317G	12	5.276G
13	5.415G	14	5.697G	15	5.325G	16	5.269G
17	5.706G	18	5.642G	19	5.354G	20	5.454G
21	5.550G	22	5.701G	23	5.596G	24	5.690G
25	5.598G	26	5.270G	27	5.632G	28	5.484G
29	5.435G	30	5.560G	31	5.272G	32	5.453G
33	5.284G	34	5.348G	35	5.539G	36	5.651G
37	5.477G	38	5.423G	39	5.578G	40	5.367G
41	5.388G	42	5.253G	43	5.687G	44	5.603G
45	5.408G	46	5.608G	47	5.688G	48	5.255G
49	5.609G	50	5.264G	51	5.424G	52	5.647G
53	5.636G	54	5.329G	55	5.302G	56	5.468G
57	5.710G	58	5.628G	59	5.668G	60	5.299G
61	5.382G	62	5.700G	63	5.674G	64	5.613G
65	5.576G	66	5.361G	67	5.506G	68	5.292G
69	5.618G	70	5.252G	71	5.394G	72	5.438G
73	5.512G	74	5.623G	75	5.402G	76	5.359G
77	5.306G	78	5.584G	79	5.449G	80	5.335G
81	5.407G	82	5.646G	83	5.289G	84	5.717G
85	5.643G	86	5.446G	87	5.683G	88	5.480G
89	5.282G	90	5.383G	91	5.250G	92	5.579G
93	5.621G	94	5.689G	95	5.544G	96	5.644G
97	5.605G	98	5.694G	99	5.440G	100	5.283G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.627G	2	5.359G	3	5.422G	4	5.577G
5	5.254G	6	5.421G	7	5.314G	8	5.635G
9	5.398G	10	5.465G	11	5.472G	12	5.695G
13	5.618G	14	5.386G	15	5.360G	16	5.645G
17	5.261G	18	5.345G	19	5.701G	20	5.532G
21	5.424G	22	5.312G	23	5.481G	24	5.383G
25	5.482G	26	5.559G	27	5.265G	28	5.299G
29	5.637G	30	5.380G	31	5.507G	32	5.271G
33	5.566G	34	5.257G	35	5.486G	36	5.512G
37	5.269G	38	5.558G	39	5.274G	40	5.682G
41	5.327G	42	5.620G	43	5.352G	44	5.719G
45	5.446G	46	5.349G	47	5.392G	48	5.266G
49	5.473G	50	5.629G	51	5.393G	52	5.605G
53	5.347G	54	5.253G	55	5.502G	56	5.354G
57	5.646G	58	5.290G	59	5.281G	60	5.342G
61	5.339G	62	5.480G	63	5.636G	64	5.478G
65	5.705G	66	5.590G	67	5.669G	68	5.602G
69	5.400G	70	5.621G	71	5.489G	72	5.301G
73	5.517G	74	5.332G	75	5.416G	76	5.536G
77	5.452G	78	5.574G	79	5.692G	80	5.694G
81	5.463G	82	5.456G	83	5.546G	84	5.617G
85	5.273G	86	5.457G	87	5.572G	88	5.541G
89	5.717G	90	5.469G	91	5.307G	92	5.501G
93	5.716G	94	5.639G	95	5.330G	96	5.367G
97	5.664G	98	5.543G	99	5.264G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.646G	2	5.257G	3	5.670G	4	5.434G
5	5.717G	6	5.534G	7	5.489G	8	5.509G
9	5.474G	10	5.538G	11	5.317G	12	5.505G
13	5.516G	14	5.507G	15	5.530G	16	5.467G
17	5.456G	18	5.641G	19	5.605G	20	5.487G
21	5.285G	22	5.546G	23	5.550G	24	5.615G
25	5.289G	26	5.640G	27	5.432G	28	5.490G
29	5.548G	30	5.557G	31	5.492G	32	5.367G
33	5.417G	34	5.435G	35	5.463G	36	5.635G
37	5.281G	38	5.638G	39	5.628G	40	5.448G
41	5.645G	42	5.606G	43	5.527G	44	5.409G
45	5.264G	46	5.271G	47	5.420G	48	5.672G
49	5.521G	50	5.634G	51	5.318G	52	5.401G

53	5.594G	54	5.563G	55	5.304G	56	5.270G
57	5.479G	58	5.709G	59	5.373G	60	5.510G
61	5.712G	62	5.541G	63	5.582G	64	5.274G
65	5.567G	66	5.718G	67	5.475G	68	5.439G
69	5.286G	70	5.307G	71	5.301G	72	5.564G
73	5.547G	74	5.596G	75	5.715G	76	5.604G
77	5.374G	78	5.502G	79	5.282G	80	5.349G
81	5.476G	82	5.720G	83	5.316G	84	5.272G
85	5.514G	86	5.586G	87	5.574G	88	5.695G
89	5.687G	90	5.484G	91	5.311G	92	5.621G
93	5.466G	94	5.542G	95	5.617G	96	5.390G
97	5.512G	98	5.446G	99	5.344G	100	5.333G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.252G	2	5.307G	3	5.667G	4	5.291G
5	5.574G	6	5.476G	7	5.421G	8	5.625G
9	5.274G	10	5.714G	11	5.450G	12	5.485G
13	5.342G	14	5.551G	15	5.578G	16	5.607G
17	5.379G	18	5.439G	19	5.418G	20	5.558G
21	5.634G	22	5.405G	23	5.601G	24	5.646G
25	5.437G	26	5.654G	27	5.639G	28	5.693G
29	5.478G	30	5.589G	31	5.438G	32	5.260G
33	5.521G	34	5.479G	35	5.287G	36	5.651G
37	5.265G	38	5.565G	39	5.708G	40	5.400G
41	5.692G	42	5.550G	43	5.453G	44	5.531G
45	5.323G	46	5.528G	47	5.623G	48	5.463G
49	5.696G	50	5.722G	51	5.362G	52	5.413G
53	5.268G	54	5.314G	55	5.427G	56	5.475G
57	5.455G	58	5.606G	59	5.277G	60	5.595G
61	5.641G	62	5.388G	63	5.464G	64	5.343G
65	5.460G	66	5.332G	67	5.721G	68	5.263G
69	5.602G	70	5.385G	71	5.264G	72	5.720G
73	5.716G	74	5.358G	75	5.652G	76	5.717G
77	5.402G	78	5.286G	79	5.350G	80	5.375G
81	5.706G	82	5.588G	83	5.299G	84	5.465G
85	5.376G	86	5.584G	87	5.481G	88	5.257G
89	5.556G	90	5.668G	91	5.431G	92	5.355G
93	5.384G	94	5.705G	95	5.544G	96	5.368G
97	5.372G	98	5.339G	99	5.600G	100	5.324G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.258G	2	5.496G	3	5.399G	4	5.384G
5	5.555G	6	5.515G	7	5.405G	8	5.432G
9	5.278G	10	5.686G	11	5.559G	12	5.318G
13	5.297G	14	5.688G	15	5.614G	16	5.637G
17	5.436G	18	5.254G	19	5.607G	20	5.271G
21	5.565G	22	5.625G	23	5.389G	24	5.303G
25	5.693G	26	5.602G	27	5.328G	28	5.358G
29	5.532G	30	5.345G	31	5.641G	32	5.279G
33	5.704G	34	5.571G	35	5.480G	36	5.424G
37	5.658G	38	5.410G	39	5.615G	40	5.402G
41	5.660G	42	5.580G	43	5.392G	44	5.315G
45	5.370G	46	5.655G	47	5.685G	48	5.430G
49	5.643G	50	5.331G	51	5.417G	52	5.291G
53	5.662G	54	5.650G	55	5.403G	56	5.554G
57	5.348G	58	5.282G	59	5.470G	60	5.663G
61	5.390G	62	5.365G	63	5.683G	64	5.427G
65	5.476G	66	5.719G	67	5.471G	68	5.538G
69	5.583G	70	5.316G	71	5.620G	72	5.639G
73	5.503G	74	5.350G	75	5.677G	76	5.321G
77	5.367G	78	5.656G	79	5.564G	80	5.552G
81	5.267G	82	5.475G	83	5.369G	84	5.293G
85	5.585G	86	5.548G	87	5.458G	88	5.481G
89	5.397G	90	5.310G	91	5.714G	92	5.457G
93	5.551G	94	5.325G	95	5.288G	96	5.440G
97	5.346G	98	5.340G	99	5.612G	100	5.606G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.280G	2	5.274G	3	5.318G	4	5.681G
5	5.267G	6	5.561G	7	5.382G	8	5.481G
9	5.652G	10	5.300G	11	5.445G	12	5.512G
13	5.452G	14	5.417G	15	5.599G	16	5.447G
17	5.715G	18	5.554G	19	5.265G	20	5.298G
21	5.502G	22	5.460G	23	5.604G	24	5.669G
25	5.357G	26	5.320G	27	5.343G	28	5.612G
29	5.355G	30	5.398G	31	5.301G	32	5.666G
33	5.329G	34	5.632G	35	5.409G	36	5.567G
37	5.507G	38	5.474G	39	5.359G	40	5.546G
41	5.623G	42	5.255G	43	5.648G	44	5.461G
45	5.379G	46	5.548G	47	5.628G	48	5.407G
49	5.342G	50	5.696G	51	5.605G	52	5.503G

53	5.325G	54	5.270G	55	5.358G	56	5.563G
57	5.611G	58	5.598G	59	5.483G	60	5.644G
61	5.367G	62	5.306G	63	5.371G	64	5.385G
65	5.416G	66	5.383G	67	5.377G	68	5.629G
69	5.263G	70	5.402G	71	5.281G	72	5.501G
73	5.438G	74	5.293G	75	5.253G	76	5.542G
77	5.349G	78	5.724G	79	5.658G	80	5.676G
81	5.647G	82	5.685G	83	5.380G	84	5.421G
85	5.574G	86	5.378G	87	5.262G	88	5.463G
89	5.361G	90	5.475G	91	5.450G	92	5.665G
93	5.640G	94	5.646G	95	5.408G	96	5.295G
97	5.625G	98	5.703G	99	5.583G	100	5.469G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.513G	2	5.601G	3	5.534G	4	5.253G
5	5.627G	6	5.278G	7	5.636G	8	5.583G
9	5.580G	10	5.410G	11	5.570G	12	5.663G
13	5.537G	14	5.521G	15	5.443G	16	5.353G
17	5.596G	18	5.670G	19	5.330G	20	5.511G
21	5.444G	22	5.351G	23	5.516G	24	5.582G
25	5.605G	26	5.644G	27	5.706G	28	5.669G
29	5.417G	30	5.319G	31	5.413G	32	5.294G
33	5.308G	34	5.681G	35	5.322G	36	5.633G
37	5.610G	38	5.415G	39	5.491G	40	5.329G
41	5.645G	42	5.680G	43	5.703G	44	5.656G
45	5.514G	46	5.424G	47	5.518G	48	5.436G
49	5.635G	50	5.688G	51	5.589G	52	5.691G
53	5.307G	54	5.487G	55	5.425G	56	5.717G
57	5.315G	58	5.710G	59	5.559G	60	5.438G
61	5.683G	62	5.445G	63	5.324G	64	5.682G
65	5.577G	66	5.347G	67	5.372G	68	5.474G
69	5.461G	70	5.257G	71	5.535G	72	5.428G
73	5.500G	74	5.359G	75	5.554G	76	5.352G
77	5.490G	78	5.344G	79	5.529G	80	5.708G
81	5.620G	82	5.595G	83	5.658G	84	5.472G
85	5.368G	86	5.465G	87	5.272G	88	5.311G
89	5.286G	90	5.607G	91	5.598G	92	5.722G
93	5.250G	94	5.479G	95	5.619G	96	5.458G
97	5.373G	98	5.569G	99	5.718G	100	5.450G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.643G	2	5.260G	3	5.606G	4	5.549G
5	5.664G	6	5.508G	7	5.487G	8	5.639G
9	5.624G	10	5.432G	11	5.489G	12	5.709G
13	5.314G	14	5.313G	15	5.481G	16	5.356G
17	5.435G	18	5.259G	19	5.372G	20	5.351G
21	5.333G	22	5.635G	23	5.593G	24	5.553G
25	5.565G	26	5.362G	27	5.582G	28	5.290G
29	5.328G	30	5.483G	31	5.545G	32	5.674G
33	5.563G	34	5.610G	35	5.414G	36	5.469G
37	5.622G	38	5.513G	39	5.497G	40	5.585G
41	5.710G	42	5.705G	43	5.484G	44	5.368G
45	5.523G	46	5.566G	47	5.419G	48	5.318G
49	5.416G	50	5.433G	51	5.296G	52	5.533G
53	5.627G	54	5.361G	55	5.657G	56	5.425G
57	5.326G	58	5.410G	59	5.649G	60	5.591G
61	5.295G	62	5.515G	63	5.559G	64	5.453G
65	5.551G	66	5.625G	67	5.304G	68	5.463G
69	5.465G	70	5.715G	71	5.439G	72	5.456G
73	5.442G	74	5.302G	75	5.291G	76	5.256G
77	5.629G	78	5.509G	79	5.413G	80	5.687G
81	5.482G	82	5.273G	83	5.603G	84	5.395G
85	5.365G	86	5.337G	87	5.558G	88	5.263G
89	5.387G	90	5.634G	91	5.347G	92	5.567G
93	5.339G	94	5.490G	95	5.343G	96	5.381G
97	5.431G	98	5.518G	99	5.503G	100	5.520G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.374G	2	5.517G	3	5.575G	4	5.506G
5	5.468G	6	5.573G	7	5.269G	8	5.328G
9	5.317G	10	5.574G	11	5.716G	12	5.434G
13	5.460G	14	5.342G	15	5.636G	16	5.474G
17	5.322G	18	5.257G	19	5.591G	20	5.435G
21	5.599G	22	5.571G	23	5.509G	24	5.419G
25	5.401G	26	5.632G	27	5.516G	28	5.432G
29	5.256G	30	5.638G	31	5.664G	32	5.689G
33	5.532G	34	5.407G	35	5.452G	36	5.512G
37	5.490G	38	5.456G	39	5.281G	40	5.318G
41	5.389G	42	5.287G	43	5.288G	44	5.665G
45	5.657G	46	5.314G	47	5.377G	48	5.366G
49	5.392G	50	5.340G	51	5.311G	52	5.635G

53	5.364G	54	5.531G	55	5.398G	56	5.327G
57	5.402G	58	5.720G	59	5.590G	60	5.266G
61	5.279G	62	5.713G	63	5.471G	64	5.355G
65	5.555G	66	5.567G	67	5.291G	68	5.307G
69	5.426G	70	5.553G	71	5.267G	72	5.585G
73	5.564G	74	5.629G	75	5.386G	76	5.300G
77	5.388G	78	5.393G	79	5.593G	80	5.445G
81	5.719G	82	5.539G	83	5.714G	84	5.365G
85	5.581G	86	5.513G	87	5.548G	88	5.303G
89	5.670G	90	5.441G	91	5.348G	92	5.293G
93	5.290G	94	5.606G	95	5.524G	96	5.346G
97	5.641G	98	5.693G	99	5.706G	100	5.659G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.502G	2	5.406G	3	5.354G	4	5.523G
5	5.347G	6	5.393G	7	5.318G	8	5.274G
9	5.292G	10	5.415G	11	5.401G	12	5.489G
13	5.263G	14	5.442G	15	5.408G	16	5.691G
17	5.632G	18	5.311G	19	5.312G	20	5.539G
21	5.400G	22	5.491G	23	5.570G	24	5.527G
25	5.434G	26	5.542G	27	5.267G	28	5.385G
29	5.306G	30	5.282G	31	5.681G	32	5.353G
33	5.367G	34	5.445G	35	5.268G	36	5.447G
37	5.709G	38	5.670G	39	5.283G	40	5.600G
41	5.637G	42	5.358G	43	5.363G	44	5.317G
45	5.678G	46	5.687G	47	5.676G	48	5.452G
49	5.326G	50	5.648G	51	5.486G	52	5.590G
53	5.361G	54	5.656G	55	5.698G	56	5.255G
57	5.664G	58	5.413G	59	5.582G	60	5.501G
61	5.299G	62	5.520G	63	5.564G	64	5.545G
65	5.498G	66	5.490G	67	5.370G	68	5.441G
69	5.575G	70	5.423G	71	5.625G	72	5.402G
73	5.660G	74	5.714G	75	5.492G	76	5.509G
77	5.431G	78	5.583G	79	5.396G	80	5.469G
81	5.343G	82	5.563G	83	5.574G	84	5.398G
85	5.724G	86	5.305G	87	5.375G	88	5.307G
89	5.340G	90	5.613G	91	5.597G	92	5.258G
93	5.684G	94	5.281G	95	5.626G	96	5.606G
97	5.595G	98	5.593G	99	5.511G	100	5.651G



Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.666G	2	5.542G	3	5.703G	4	5.331G
5	5.699G	6	5.660G	7	5.710G	8	5.266G
9	5.451G	10	5.663G	11	5.452G	12	5.682G
13	5.501G	14	5.478G	15	5.540G	16	5.718G
17	5.456G	18	5.406G	19	5.290G	20	5.369G
21	5.559G	22	5.308G	23	5.575G	24	5.629G
25	5.423G	26	5.250G	27	5.646G	28	5.391G
29	5.618G	30	5.348G	31	5.635G	32	5.300G
33	5.515G	34	5.296G	35	5.513G	36	5.397G
37	5.403G	38	5.605G	39	5.587G	40	5.488G
41	5.329G	42	5.519G	43	5.392G	44	5.264G
45	5.512G	46	5.340G	47	5.280G	48	5.508G
49	5.261G	50	5.577G	51	5.460G	52	5.297G
53	5.713G	54	5.543G	55	5.529G	56	5.578G
57	5.289G	58	5.389G	59	5.658G	60	5.444G
61	5.335G	62	5.387G	63	5.667G	64	5.712G
65	5.671G	66	5.466G	67	5.450G	68	5.428G
69	5.325G	70	5.597G	71	5.338G	72	5.569G
73	5.480G	74	5.309G	75	5.412G	76	5.440G
77	5.521G	78	5.538G	79	5.489G	80	5.367G
81	5.651G	82	5.673G	83	5.411G	84	5.431G
85	5.586G	86	5.485G	87	5.426G	88	5.576G
89	5.359G	90	5.686G	91	5.650G	92	5.394G
93	5.715G	94	5.320G	95	5.664G	96	5.544G
97	5.287G	98	5.692G	99	5.375G	100	5.632G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.604G	2	5.365G	3	5.302G	4	5.626G
5	5.544G	6	5.316G	7	5.415G	8	5.374G
9	5.474G	10	5.310G	11	5.464G	12	5.629G
13	5.650G	14	5.720G	15	5.599G	16	5.594G
17	5.519G	18	5.448G	19	5.435G	20	5.471G
21	5.603G	22	5.567G	23	5.536G	24	5.472G
25	5.656G	26	5.256G	27	5.641G	28	5.369G
29	5.424G	30	5.352G	31	5.398G	32	5.396G
33	5.276G	34	5.539G	35	5.250G	36	5.413G
37	5.434G	38	5.697G	39	5.690G	40	5.555G
41	5.484G	42	5.295G	43	5.419G	44	5.458G
45	5.652G	46	5.363G	47	5.699G	48	5.342G
49	5.624G	50	5.269G	51	5.407G	52	5.532G

53	5.293G	54	5.605G	55	5.721G	56	5.390G
57	5.267G	58	5.449G	59	5.477G	60	5.339G
61	5.361G	62	5.598G	63	5.577G	64	5.328G
65	5.338G	66	5.420G	67	5.410G	68	5.611G
69	5.636G	70	5.679G	71	5.379G	72	5.716G
73	5.711G	74	5.430G	75	5.560G	76	5.616G
77	5.714G	78	5.299G	79	5.498G	80	5.467G
81	5.533G	82	5.321G	83	5.281G	84	5.607G
85	5.561G	86	5.317G	87	5.264G	88	5.723G
89	5.469G	90	5.327G	91	5.351G	92	5.562G
93	5.640G	94	5.370G	95	5.287G	96	5.522G
97	5.627G	98	5.644G	99	5.319G	100	5.531G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.677G	2	5.513G	3	5.281G	4	5.608G
5	5.434G	6	5.464G	7	5.703G	8	5.646G
9	5.693G	10	5.347G	11	5.546G	12	5.426G
13	5.500G	14	5.581G	15	5.713G	16	5.654G
17	5.561G	18	5.359G	19	5.580G	20	5.449G
21	5.276G	22	5.416G	23	5.600G	24	5.631G
25	5.710G	26	5.379G	27	5.330G	28	5.697G
29	5.723G	30	5.480G	31	5.597G	32	5.672G
33	5.266G	34	5.711G	35	5.617G	36	5.372G
37	5.666G	38	5.709G	39	5.595G	40	5.578G
41	5.383G	42	5.459G	43	5.555G	44	5.339G
45	5.542G	46	5.283G	47	5.640G	48	5.377G
49	5.293G	50	5.454G	51	5.469G	52	5.442G
53	5.651G	54	5.351G	55	5.385G	56	5.290G
57	5.517G	58	5.659G	59	5.357G	60	5.329G
61	5.492G	62	5.398G	63	5.519G	64	5.685G
65	5.334G	66	5.523G	67	5.591G	68	5.664G
69	5.679G	70	5.614G	71	5.415G	72	5.537G
73	5.312G	74	5.694G	75	5.676G	76	5.647G
77	5.496G	78	5.424G	79	5.395G	80	5.346G
81	5.391G	82	5.433G	83	5.445G	84	5.530G
85	5.367G	86	5.567G	87	5.428G	88	5.399G
89	5.336G	90	5.549G	91	5.435G	92	5.337G
93	5.668G	94	5.394G	95	5.681G	96	5.543G
97	5.486G	98	5.489G	99	5.520G	100	5.432G