DFS TEST REPORT

REPORT NO.: RF970312L14A-1
MODEL NO.: DIR-855
RECEIVED: Apr. 10, 2008
TESTED: Nov. 20, 2008
ISSUED: Dec. 29, 2008

APPLICANT: D-Link Corporation

ADDRESS: 17595 Mt. Herrmann, Fountain Valley, CA 92708, U.S.A.

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

TEST LOCATION: No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou Hsiang, Taipei Hsien 244, Taiwan, R.O.C.

TEST LOCATION: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

This test report consists of 151 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by TAF or any government agencies. The test results in the report only apply to the tested sample.

Table of Contents

1. LAB DECLARATION

PRODUCT: Xtreme N DUO MEDIA ROUTER
MODEL: DIR-855
BRAND: D-Link
APPLICANT: D-Link Corporation
TEST SAMPLE: ENGINEERING SAMPLE
TESTED: Nov. 20, 2008
STANDARDS: **FCC Part 15, Subpart E (Section 15.407)**
FCC 06-96

The above equipment (Model: DIR-855) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Peggy Chen , **DATE:** Dec. 29, 2008
Peggy Chen / Specialist

TECHNICAL ACCEPTANCE : Long Chen , **DATE:** Dec. 29, 2008
Responsible for RF
Long Chen / Senior Engineer

APPROVED BY : Gary Chang , **DATE:** Dec. 29, 2008
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	✓	✓

2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT Software/Firmware Version

No.	Product	Model No.	Software/Firmware Version
1	Xtreme N DUO MEDIA ROUTER	DIR-855	1.13

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna List

Ant No.	Antenna Type	Operation Frequency Range	Max. Gain(dBi)
1	Dipole	5250 – 5350 MHz	2
1	Dipole	5470 – 5725 MHz	2

2.4 EUT MAXIMUM AND MINIMUM CONDUCTED POWER

Table 4: The Measured Conducted Output Power

IEEE 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	13.77	23.823	12.5	17.783
1	5470~5725	13.69	23.388	12.5	17.783

DRAFT 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	14.62	28.958	12.5	17.783
1	5470~5725	14.69	29.458	12.5	17.783

DRAFT 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	14.68	29.353	12.5	17.783
1	5470~5725	14.61	28.922	12.5	17.783

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

Table 5: The E.I.R.P Output Power List

IEEE 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	15.77	37.757	14.5	28.184
1	5470~5725	15.69	37.068	14.5	28.184

DRAFT 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	16.62	45.920	14.5	28.184
1	5470~5725	16.69	46.666	14.5	28.184

DRAFT 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	16.68	46.559	14.5	28.184
1	5470~5725	16.61	45.814	14.5	28.184

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

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

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

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	✓	✓
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	Oct. 21, 2009
Signal generator	8645A	Agilent	Jun. 09, 2009
Oscilloscope	TDS 5104	Tektronix	Aug. 31, 2009

4.2 DESCRIPTION OF SUPPORT UNITS

Table 2: Support Unit information.

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

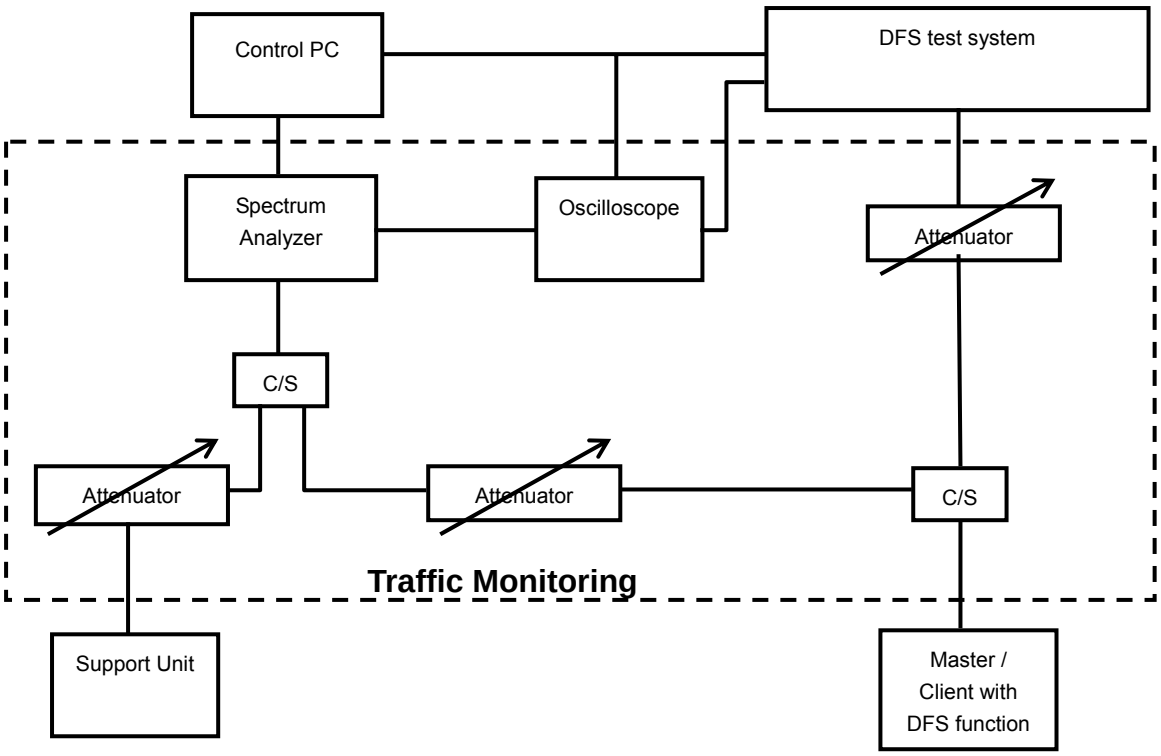
Note: This device was functioned as a □Master ■Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM

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

Conducted setup configuration of ADT DFS Measurement System

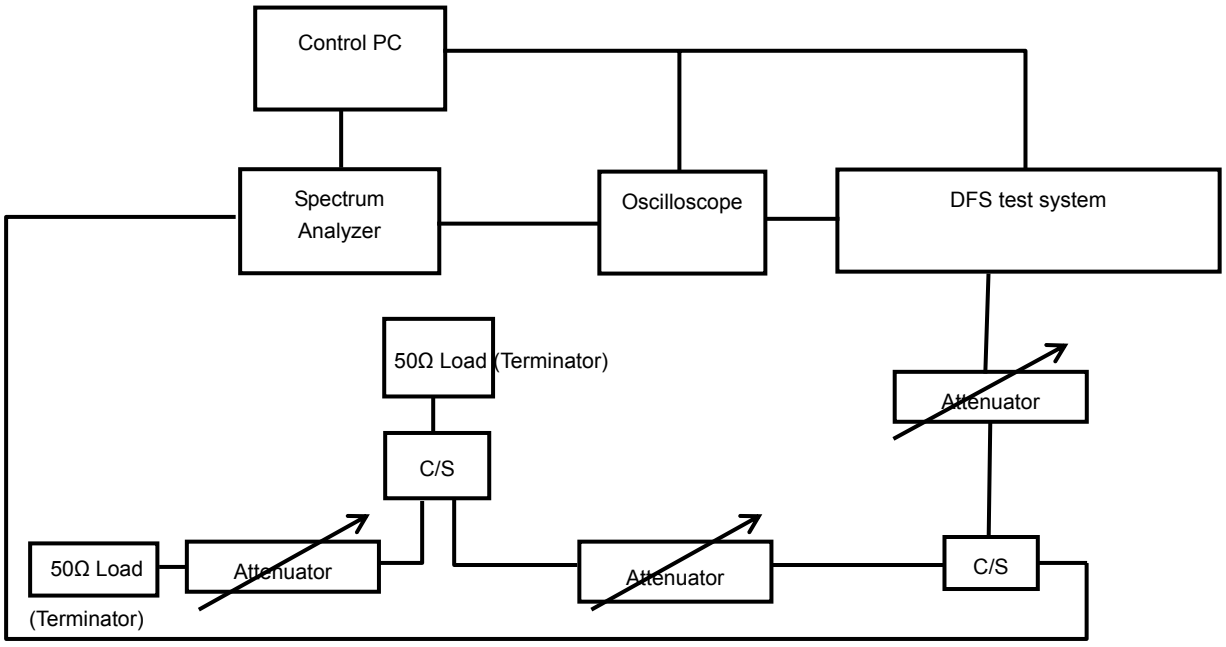


The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: http://ntiacsd.ntia.doc.gov/dfs/.

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL

The measured channel is 5500MHz. The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master antenna gain is 2 dBi Cable loss is 1 dB, margin is 3 dB and required detection threshold is -64 dBm (= -62 +2-1-3).

Conducted setup configuration of Calibration of DFS Detection Threshold Level

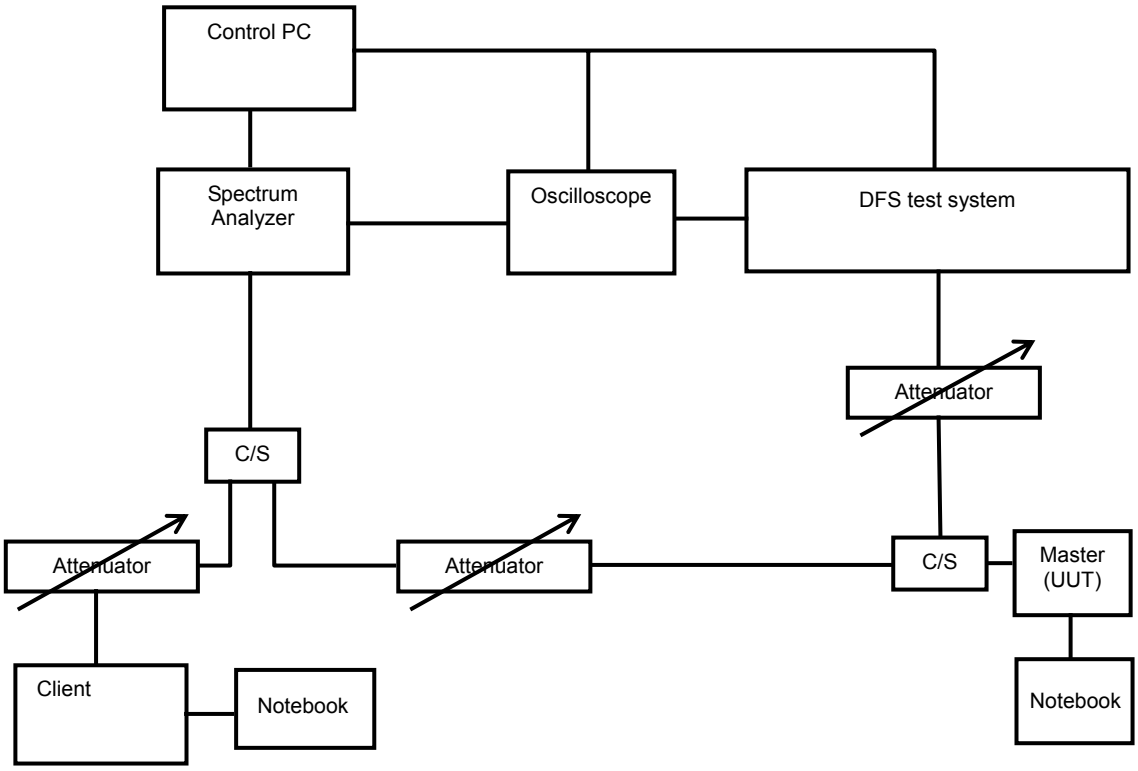


5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 CONDUCTED TEST SETUP CONFIGURATION

5.4.1 MASTER MODE



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

6. TEST RESULTS

6.1 SUMMARY OF TEST RESULT

Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Applicable	Pass
15.407	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
15.407	U-NII Detection Bandwidth	Applicable	Pass

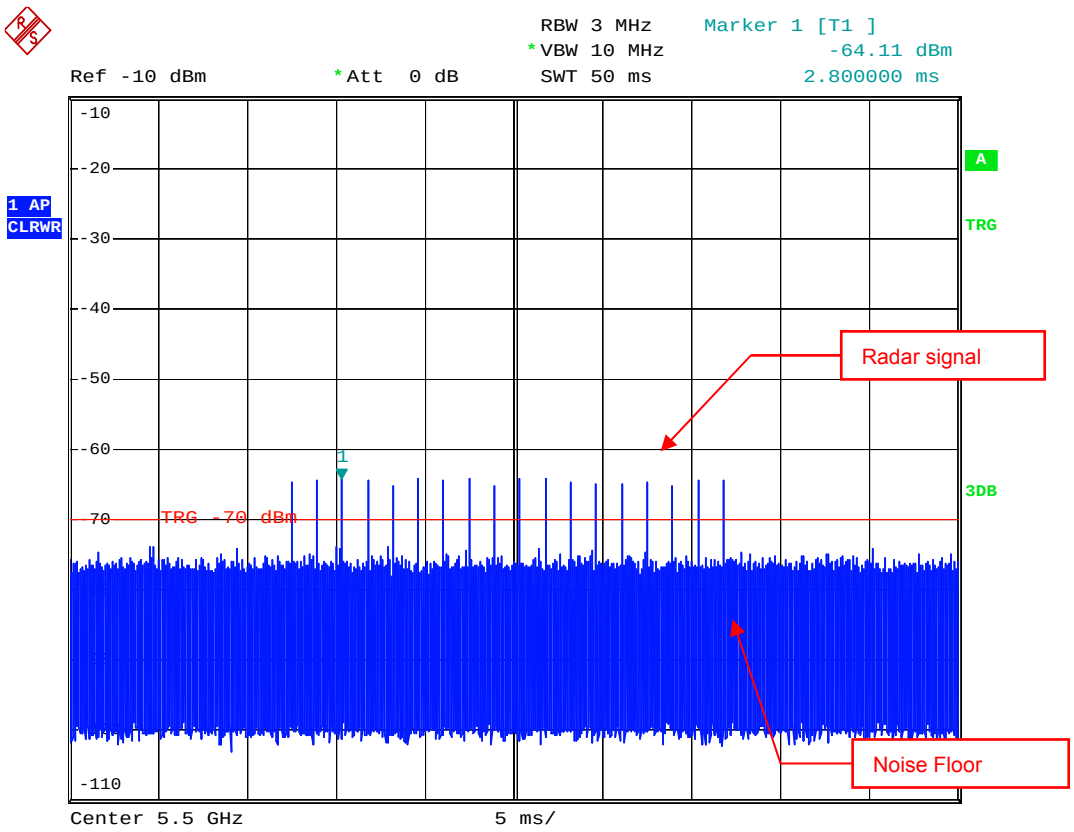
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

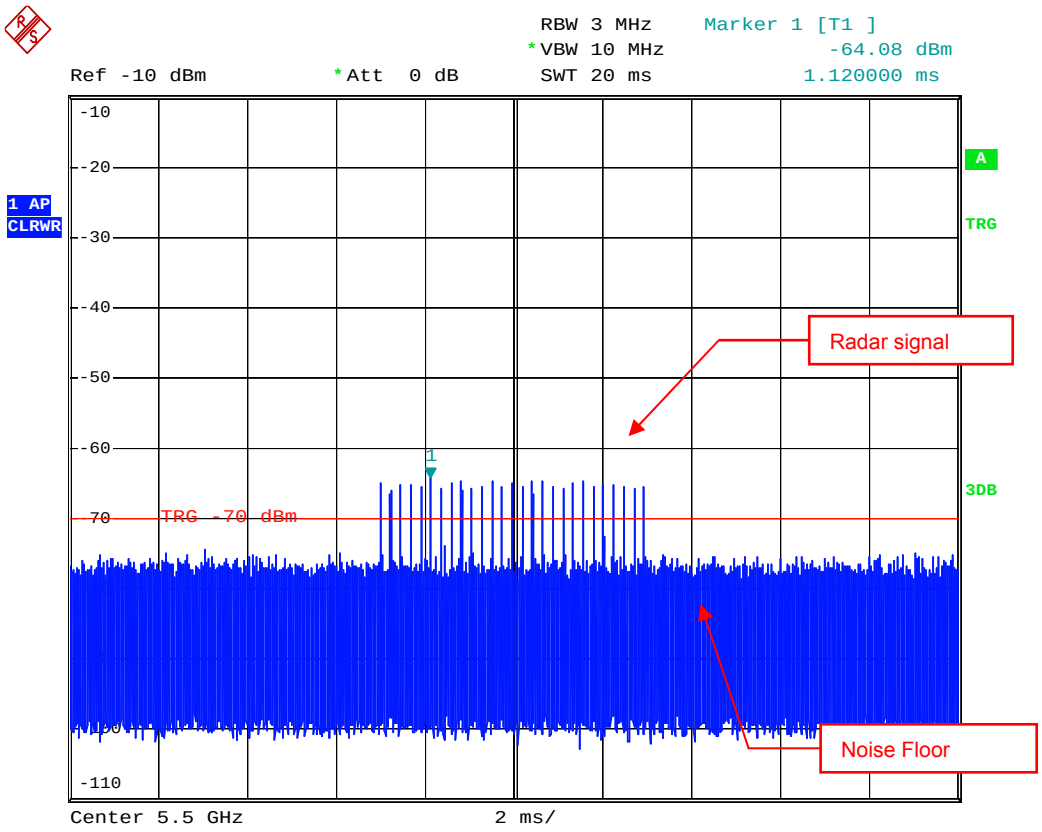
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

6.2.1.1 DFS DETECTION THRESHOLD

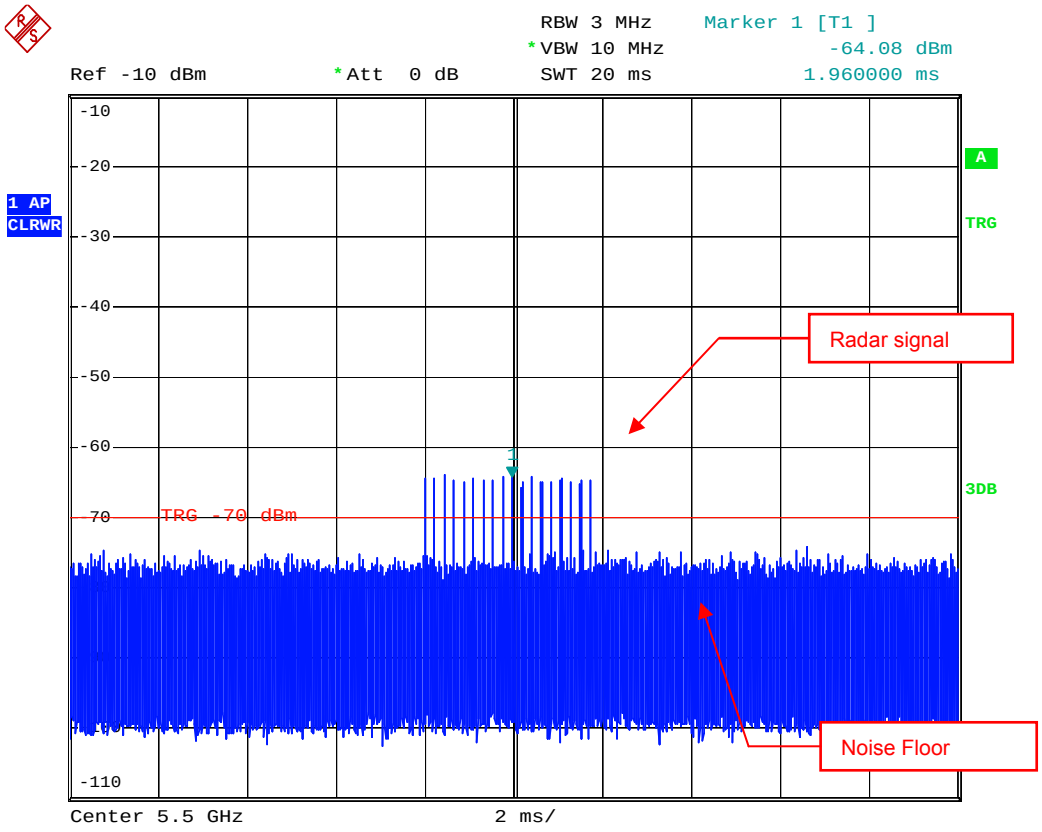
For a detection threshold level of –62dBm and the Master antenna gain is 2 dBi, Cable loss is 1 dB, margin is 3 dB and required detection threshold is -64 dBm (= -62 +2-1-3).. The conducted radar burst level is set to -64 dBm.



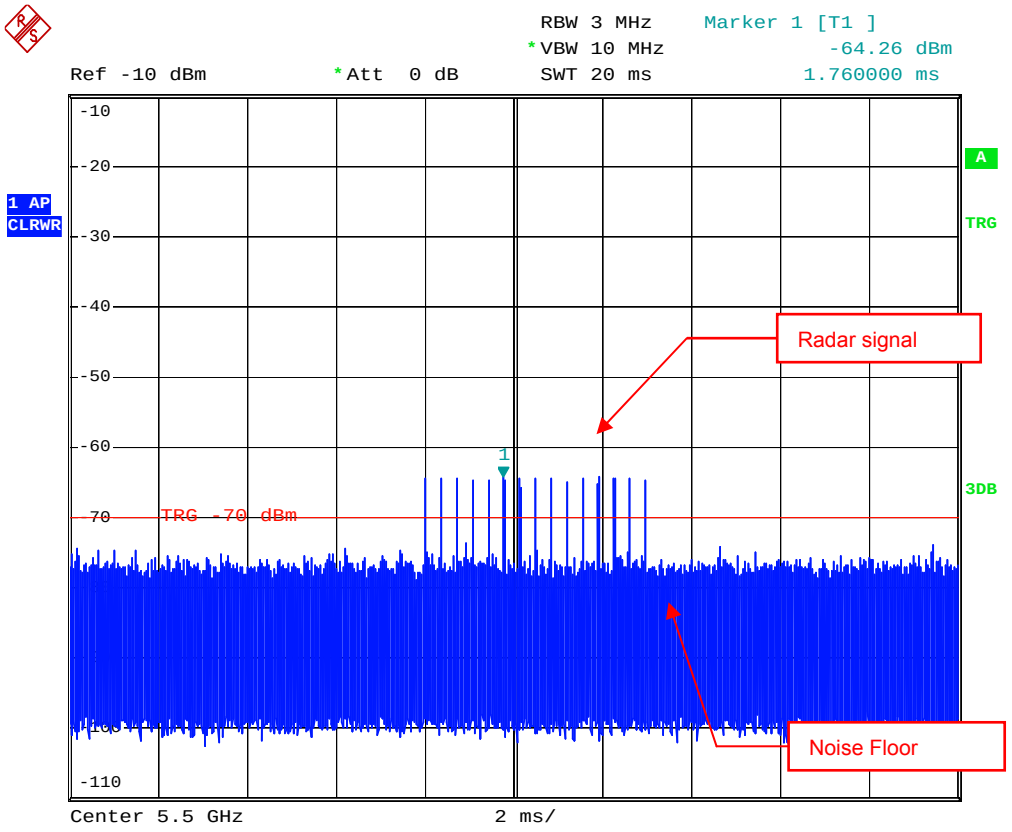
Radar Signal 1



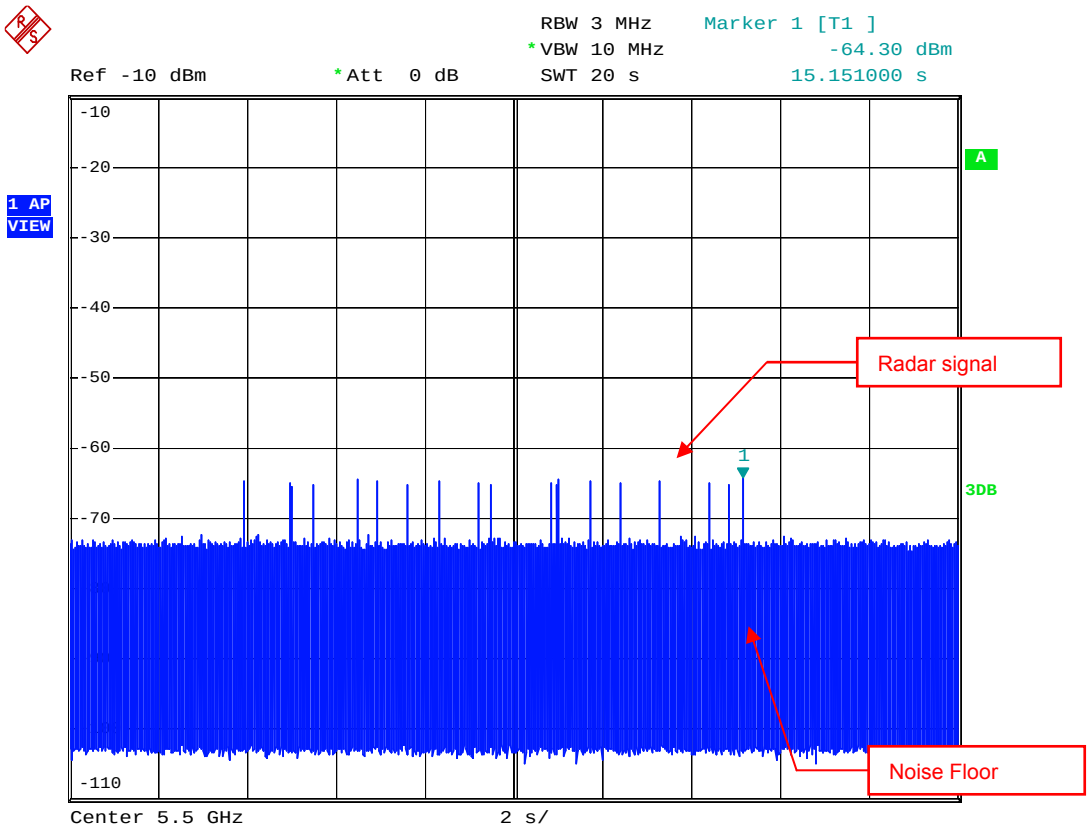
Radar Signal 2



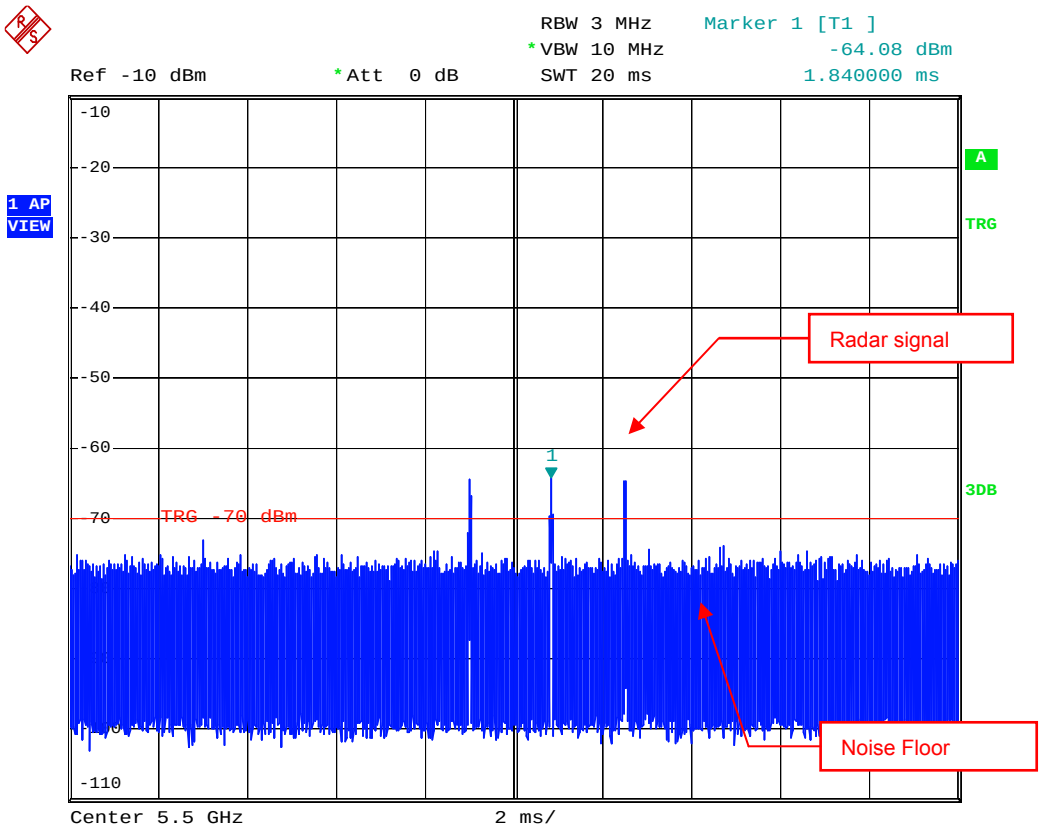
Radar Signal 3



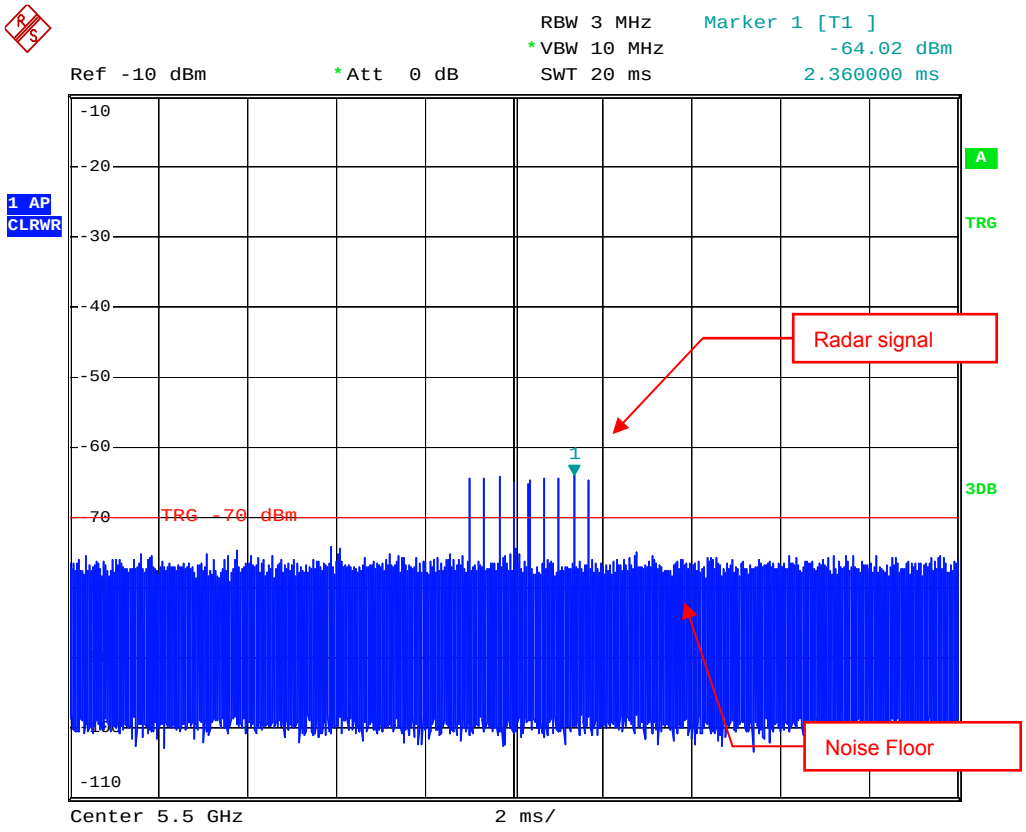
Radar Signal 4



Radar Signal 5



Single Burst of Radar Signal 5



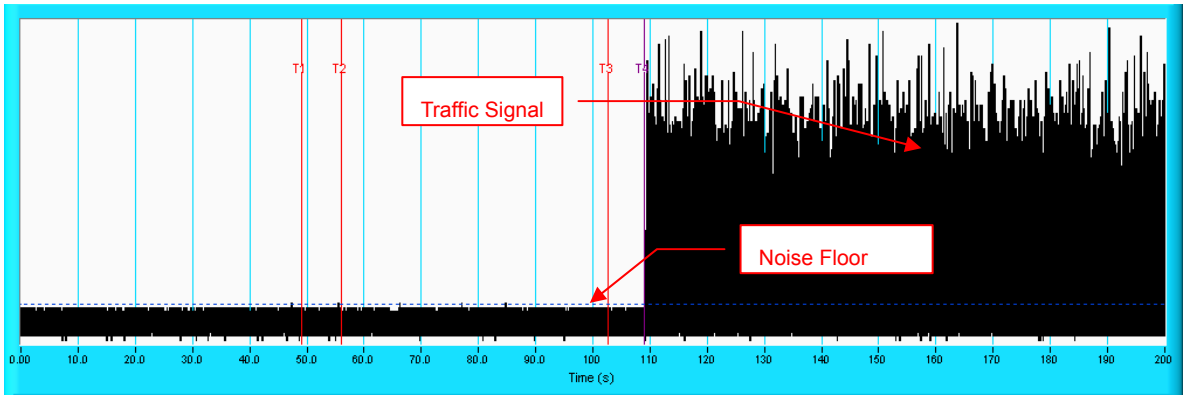
Radar Signal 6

6.2.1.2 CHANNEL AVAILABILITY CHECK TIME

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

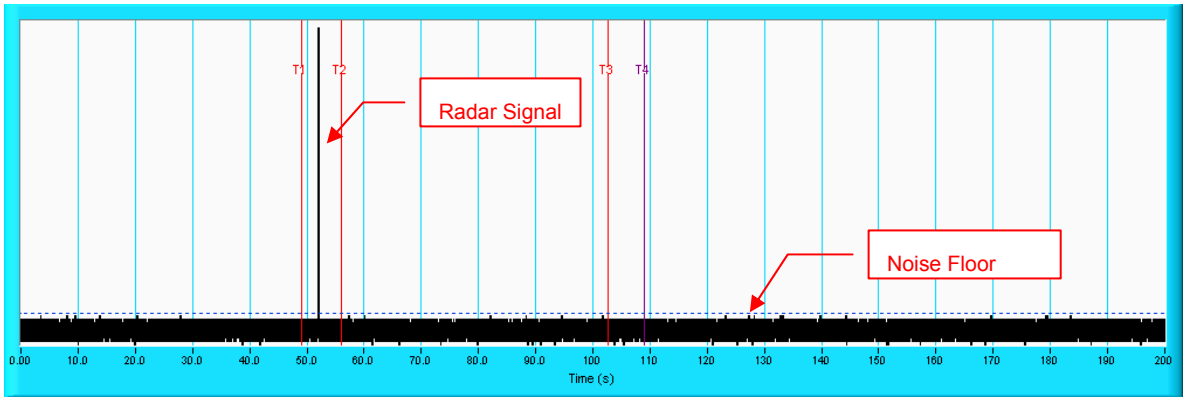
Timing of Radar Signal	Observation	
	UUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



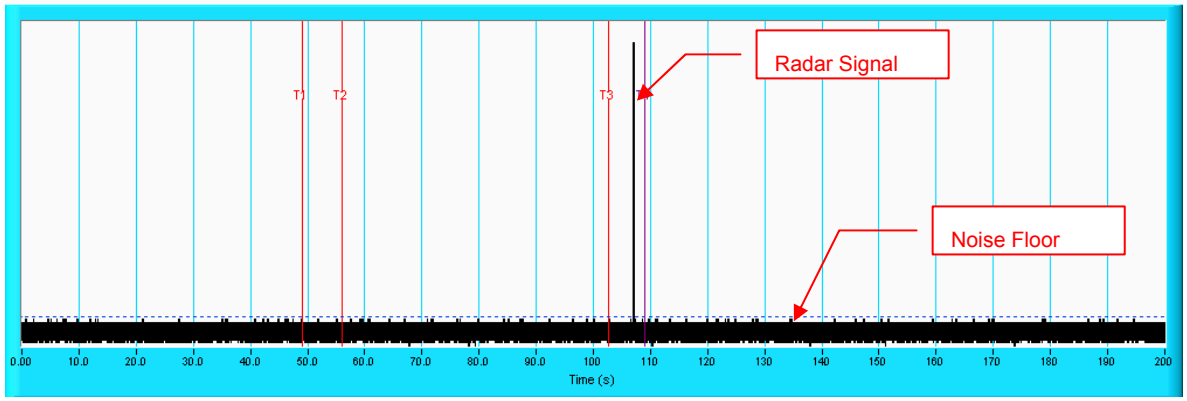
NOTE: T1 denotes the end of power-up time period is 49 second. T4 denotes the end of Channel Availability Check time is 109 second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 49 second. T2 denotes 55 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 109 second.

Radar Burst at the End of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 49 second. T3 denotes 107 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 109 second.

6.2.1.3 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

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	80
2	1-5	150-230	23-29	30	90
3	6-10	200-500	16-18	30	83.3
4	11-20	200-500	12-16	30	76.7
Aggregate (Radar Types 1-4)				120	82.5

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	90

Table 3: Frequency Hopping Radar Test Waveform

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

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	90
2	1-5	150-230	23-29	30	86.7
3	6-10	200-500	16-18	30	86.7
4	11-20	200-500	12-16	30	83.3
Aggregate (Radar Types 1-4)				120	86.7

Table 2: Long Pulse Radar Test Waveform

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

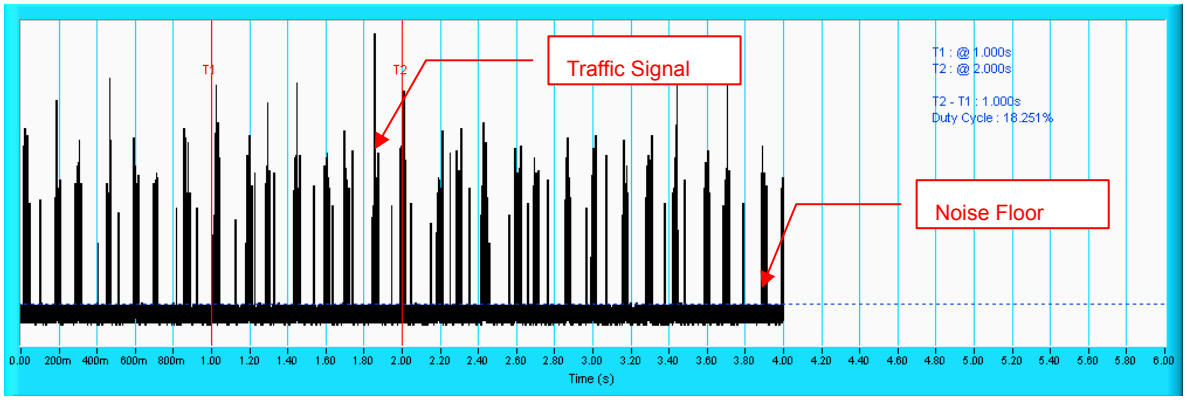
Table 3: Frequency Hopping Radar Test Waveform

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

WLAN TRAFFIC

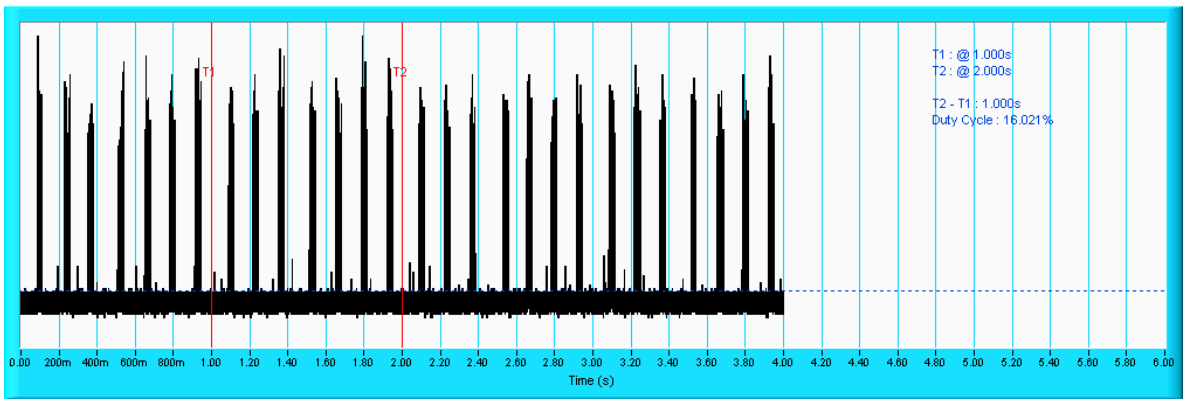
IEEE 802.11N 20MHz

Date Rate: MCS3



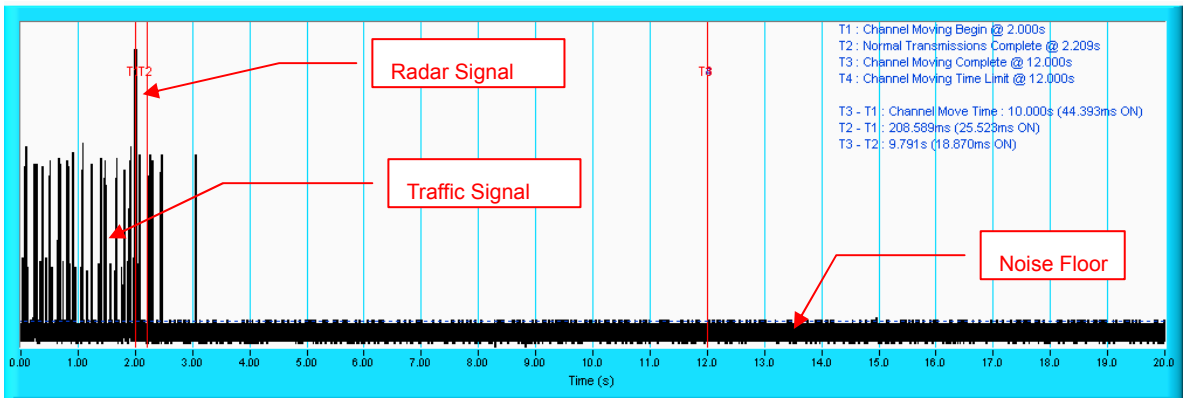
IEEE 802.11N 40MHz

Date Rate: MCS1

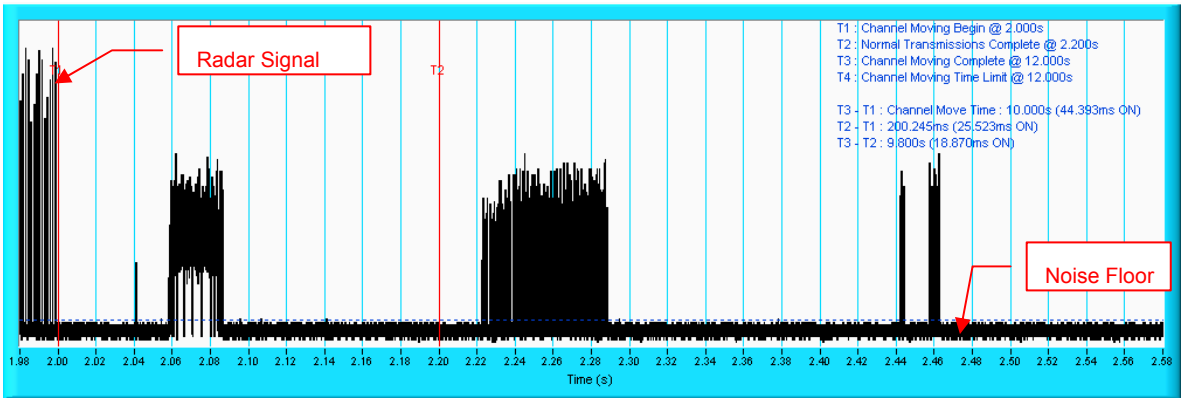


Radar signal 1

IEEE 802.11N 20MHz.

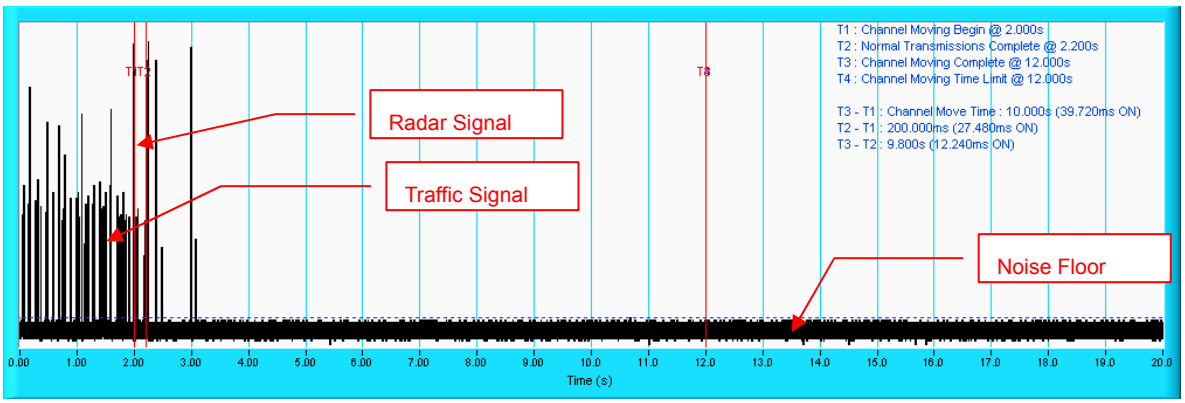


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

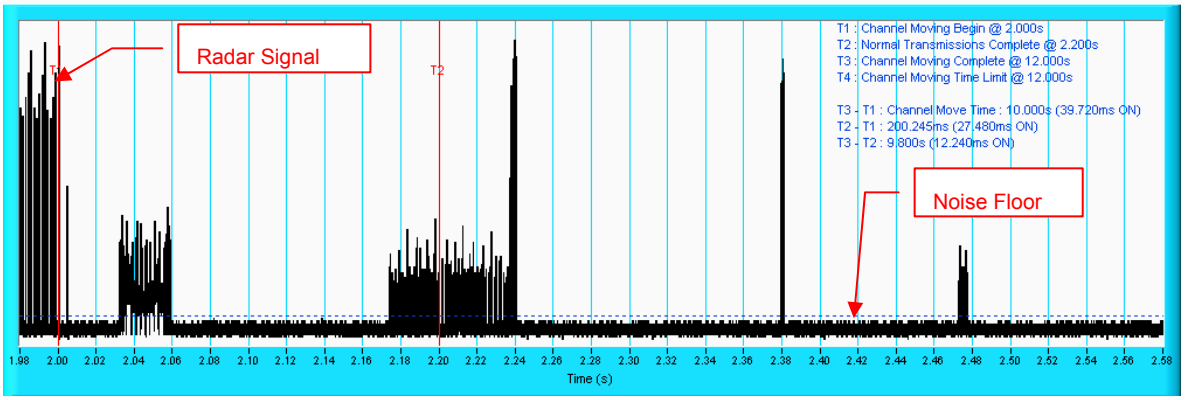


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz



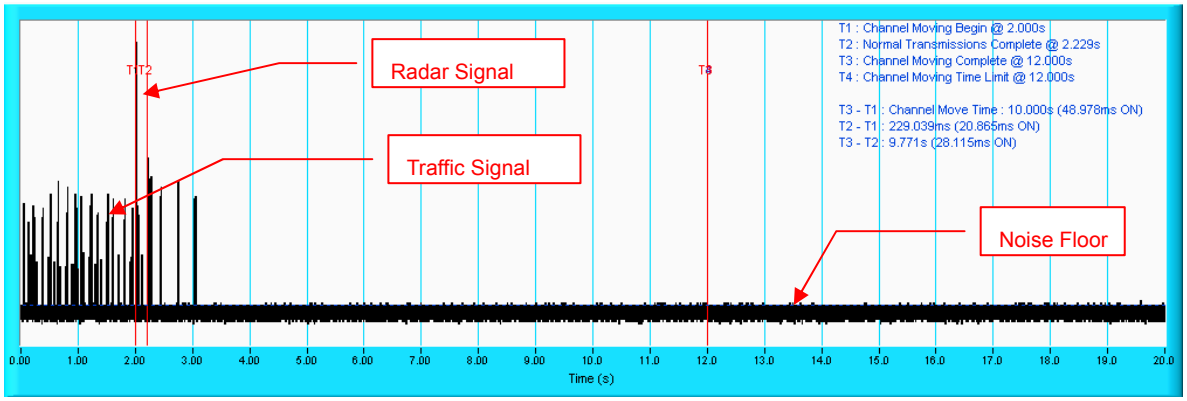
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



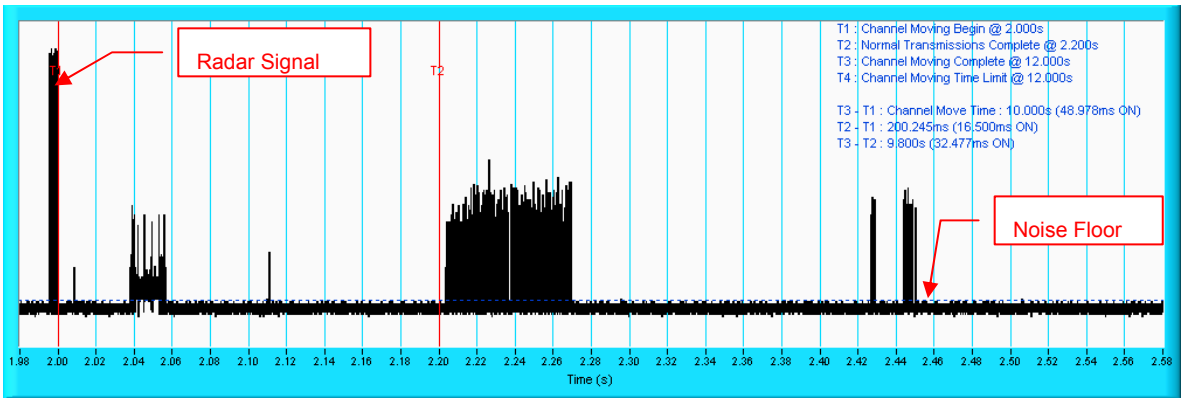
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 2

IEEE 802.11N 20MHz

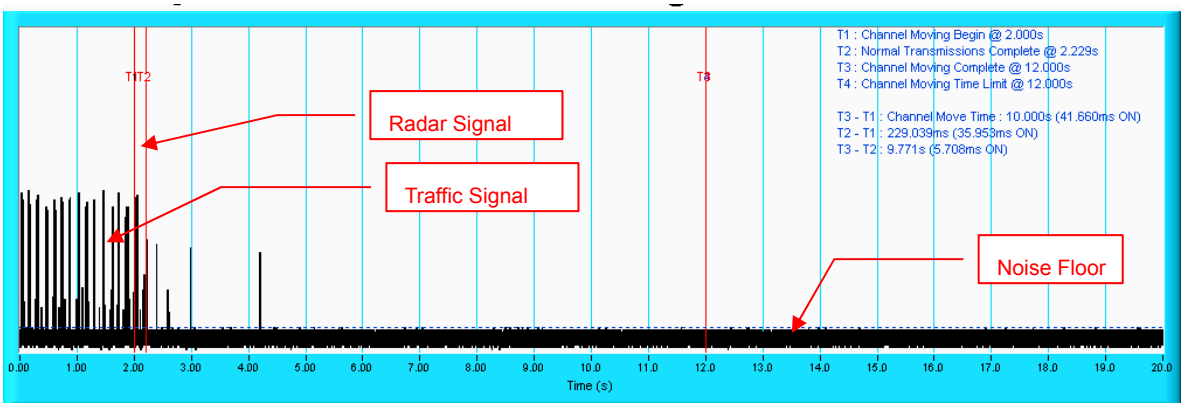


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

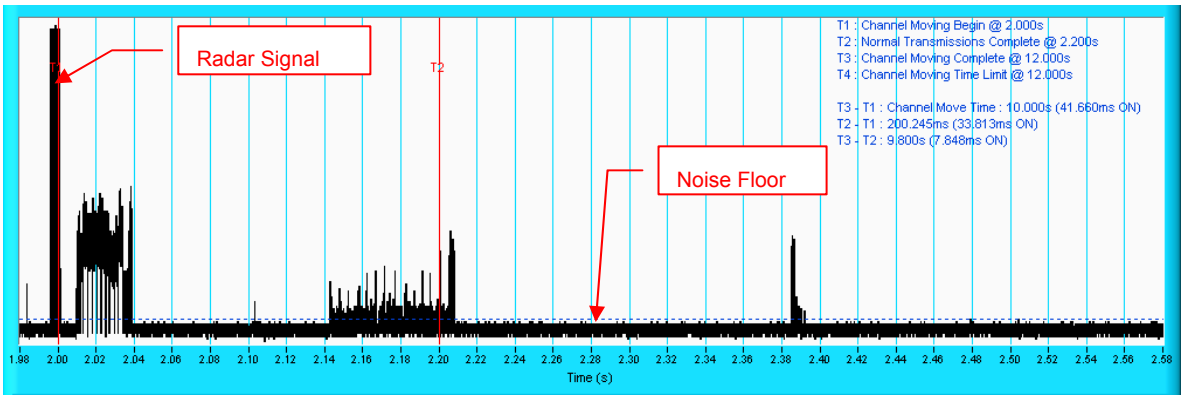


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz



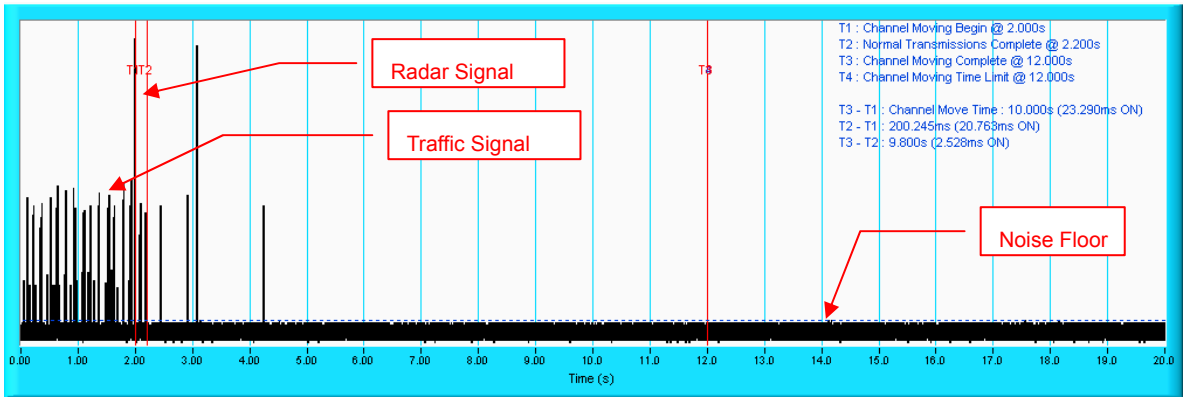
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



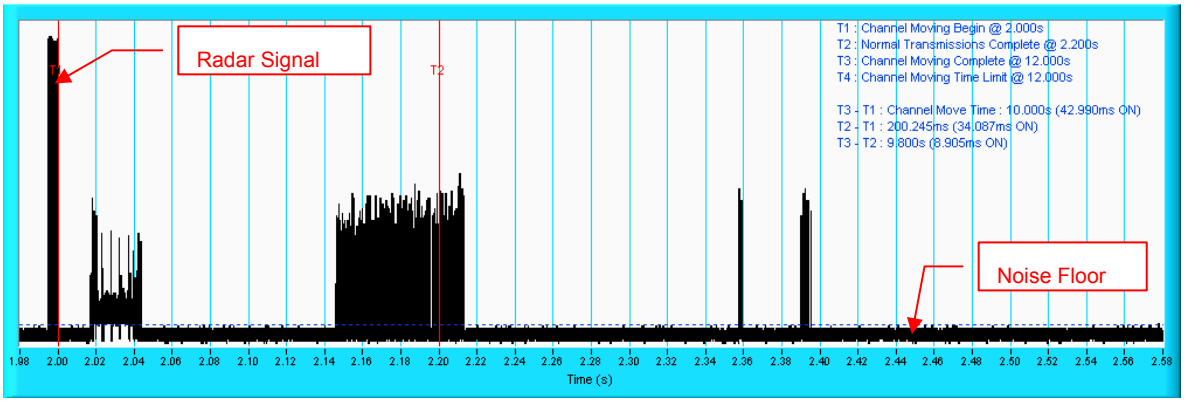
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 3

IEEE 802.11N 20MHz.

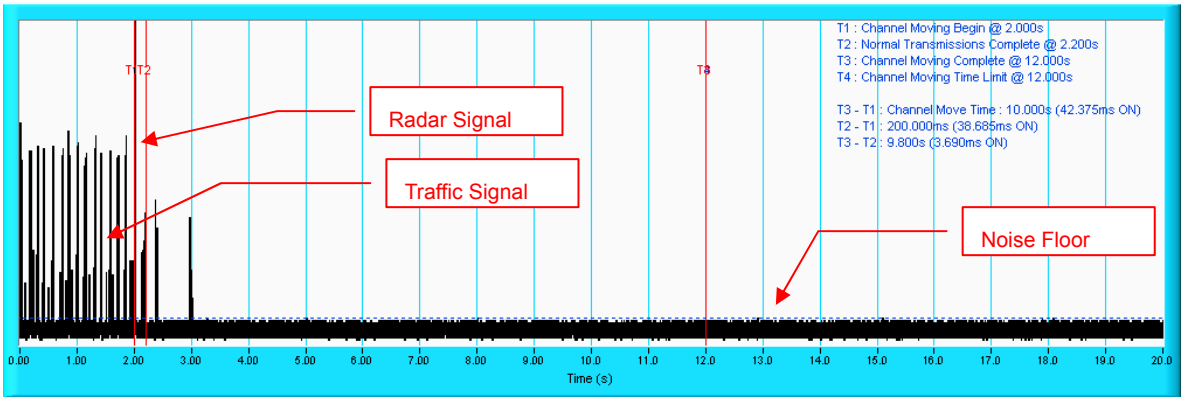


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

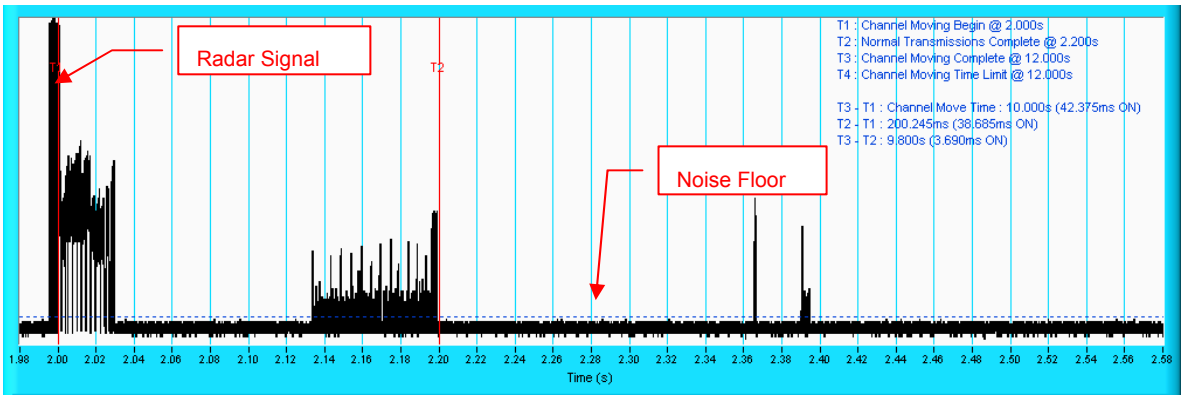


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



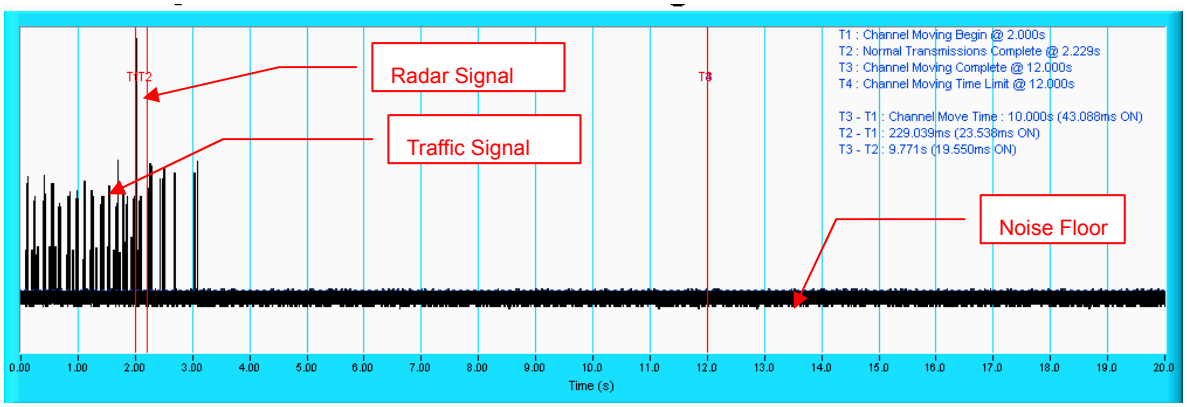
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



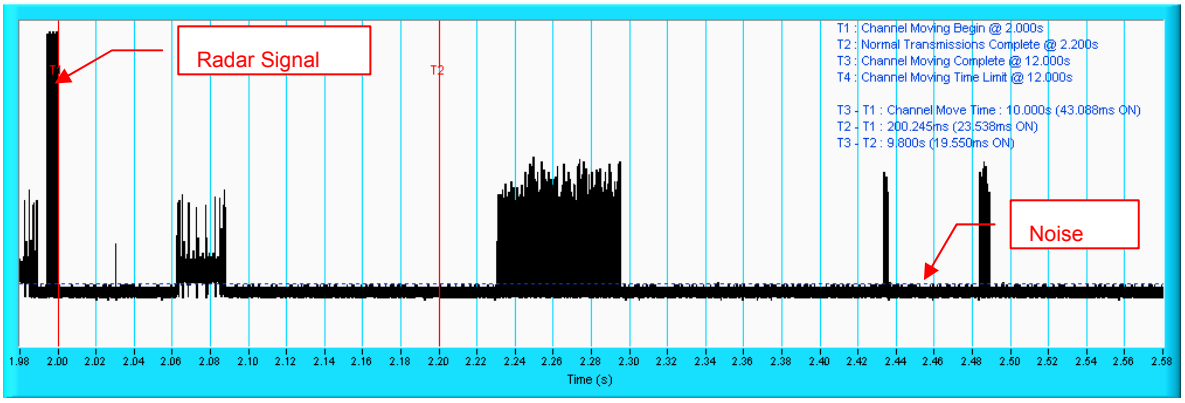
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 4

IEEE 802.11N 20MHz.

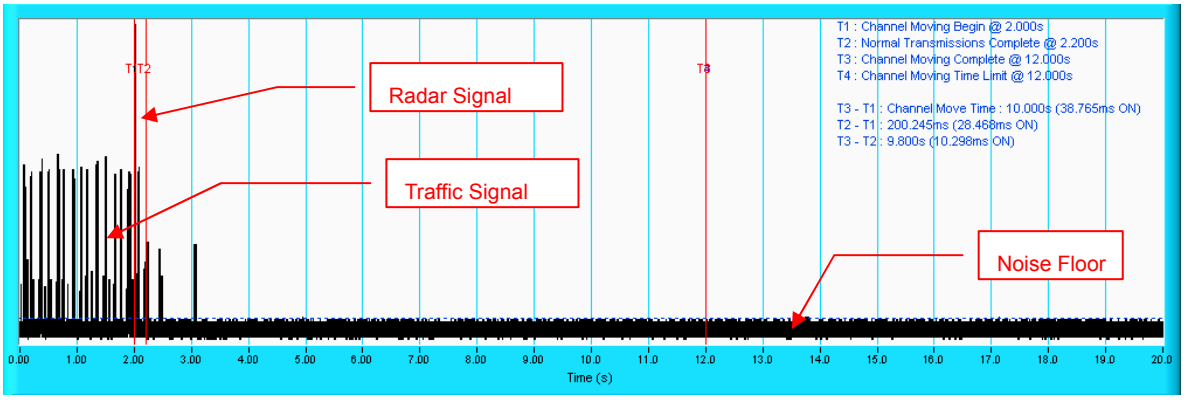


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

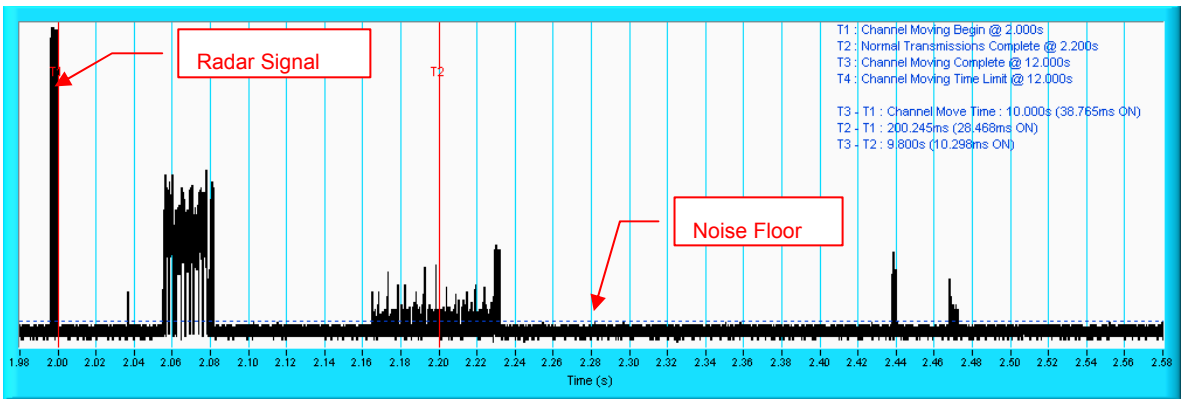


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



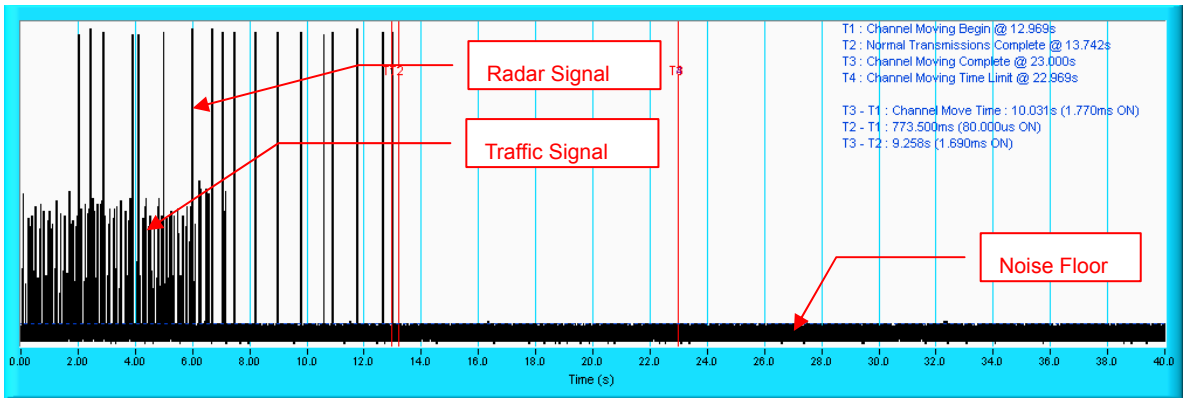
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



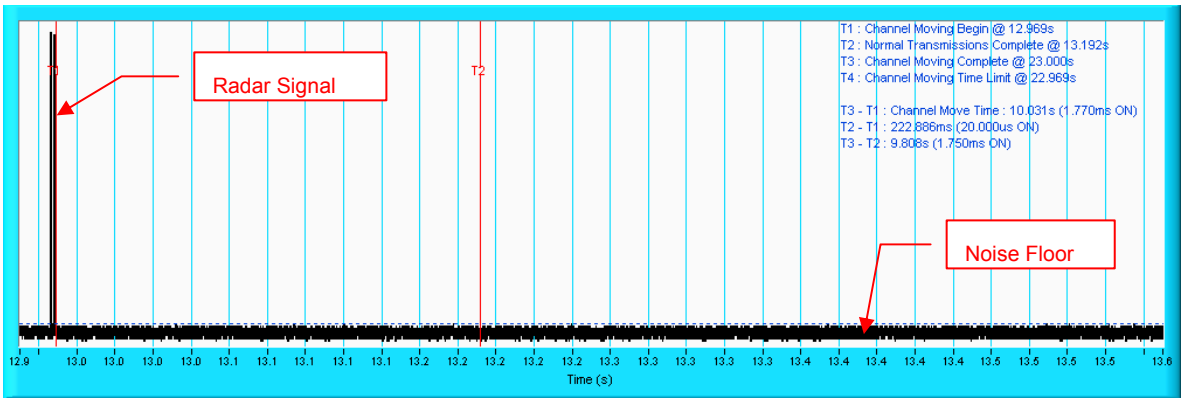
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 5

IEEE 802.11N 20MHz.

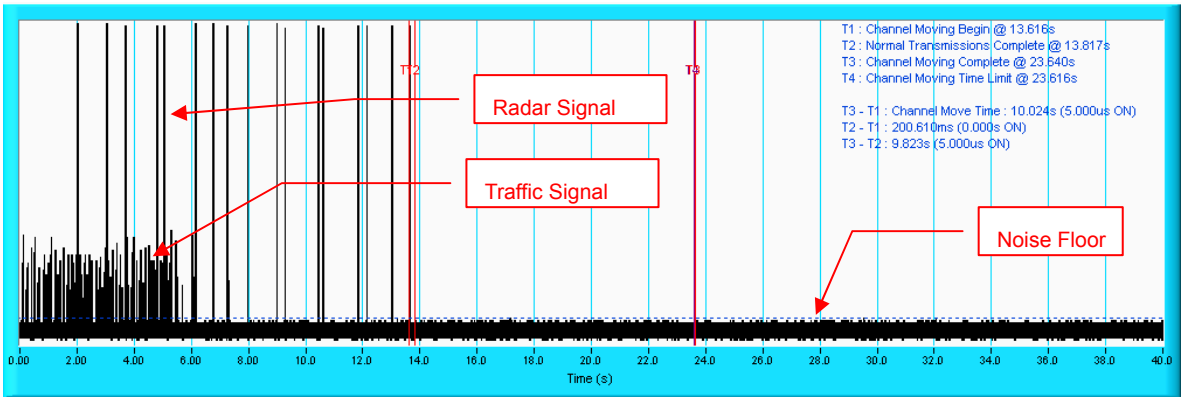


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

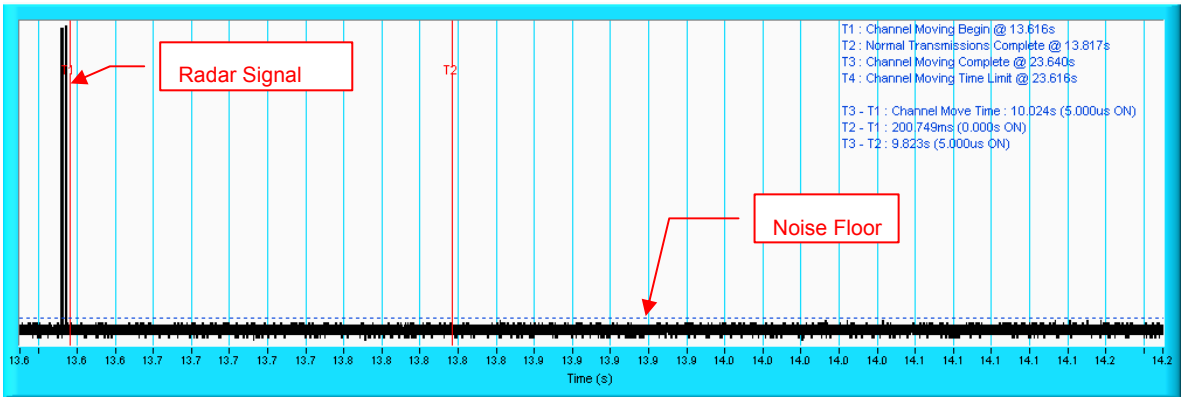


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



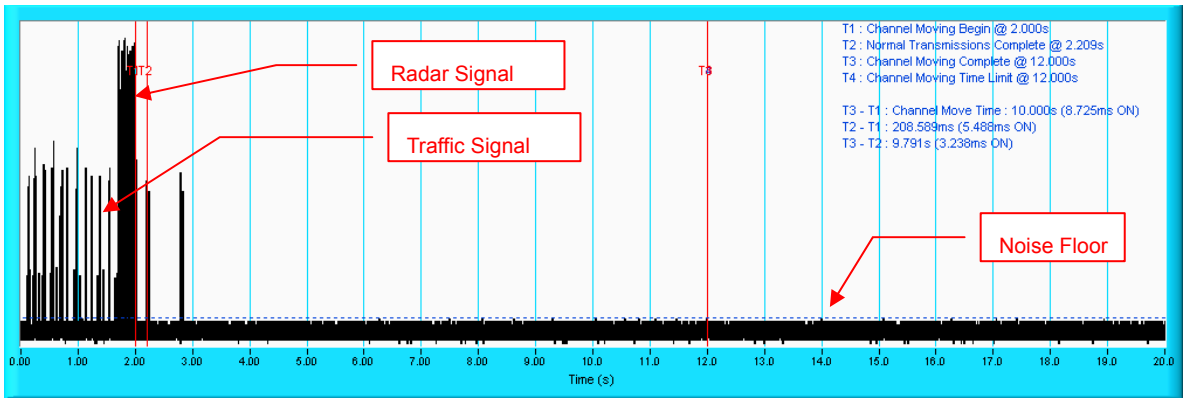
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



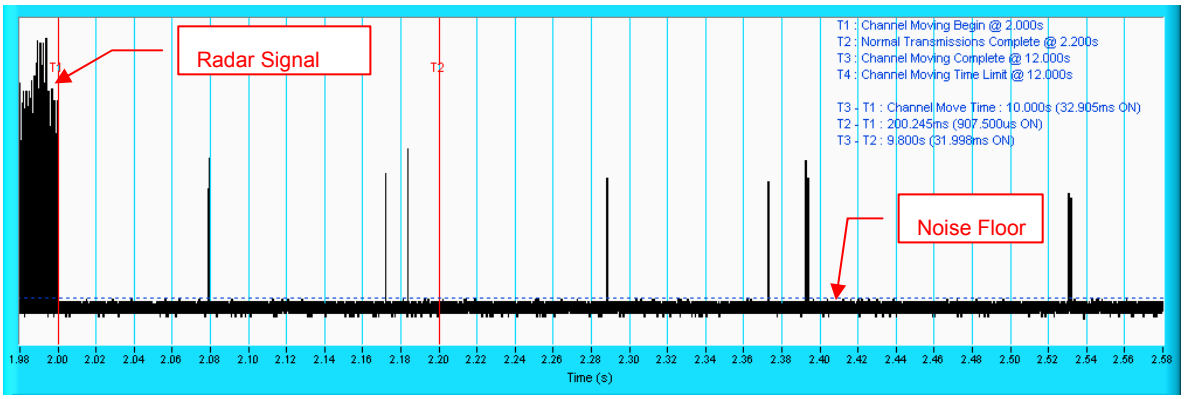
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 6

IEEE 802.11N 20MHz.

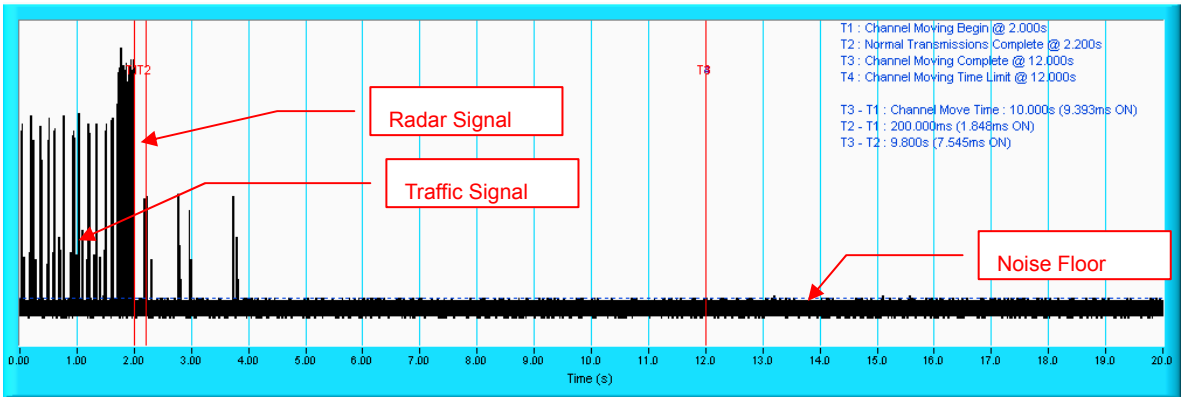


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

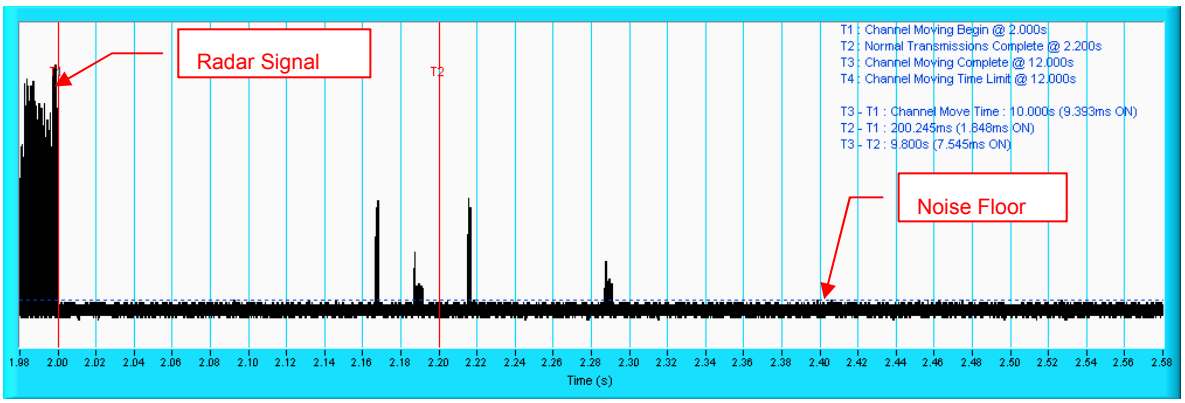


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



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: An expanded plot for the device vacates the channel in the required 600ms.

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	No
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	No
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	No
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	No
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	No
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	No
30	18	1.0u	1.428m	Yes
				Detection Rate: 80.0 %

IEEE 802.11N 20MHz.

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	4.8u	152.0u	Yes
2	26	4.5u	161.0u	Yes
3	26	1.6u	160.0u	Yes
4	24	2.9u	206.0u	Yes
5	25	3.4u	181.0u	Yes
6	25	4.4u	158.0u	Yes
7	24	2.1u	151.0u	No
8	29	4.1u	194.0u	Yes
9	24	4.5u	212.0u	Yes
10	28	4.6u	151.0u	Yes
11	29	2.5u	212.0u	Yes
12	28	1.6u	154.0u	Yes
13	24	5.0u	160.0u	Yes
14	25	1.7u	158.0u	Yes
15	27	1.5u	183.0u	Yes
16	24	2.4u	205.0u	Yes
17	26	2.2u	219.0u	Yes
18	28	1.0u	152.0u	Yes
19	28	3.1u	204.0u	No
20	26	3.2u	212.0u	Yes
21	23	1.9u	218.0u	Yes
22	26	4.7u	195.0u	Yes
23	24	2.8u	215.0u	Yes
24	29	2.7u	224.0u	Yes
25	24	2.3u	166.0u	Yes
26	26	3.6u	182.0u	Yes
27	29	3.7u	204.0u	Yes
28	26	3.8u	214.0u	Yes
29	26	2.2u	175.0u	No
30	24	1.3u	200.0u	Yes
			Detection Rate: 90.0 %	

IEEE 802.11N 20MHz.

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.8u	209.0u	Yes
2	18	6.7u	402.0u	Yes
3	16	9.9u	355.0u	Yes
4	16	6.2u	312.0u	Yes
5	18	10.0u	264.0u	Yes
6	17	6.5u	401.0u	Yes
7	17	7.0u	483.0u	No
8	16	7.2u	384.0u	Yes
9	17	9.6u	206.0u	Yes
10	17	7.6u	315.0u	Yes
11	17	6.2u	489.0u	Yes
12	16	8.4u	328.0u	No
13	17	8.6u	279.0u	Yes
14	17	7.7u	261.0u	Yes
15	17	6.8u	324.0u	Yes
16	17	9.2u	382.0u	Yes
17	16	9.4u	407.0u	No
18	18	8.0u	279.0u	Yes
19	17	8.2u	238.0u	Yes
20	18	6.1u	453.0u	Yes
21	18	7.8u	256.0u	Yes
22	16	8.4u	388.0u	Yes
23	18	8.1u	367.0u	Yes
24	17	9.0u	219.0u	No
25	17	6.7u	330.0u	Yes
26	18	8.7u	351.0u	Yes
27	16	9.4u	496.0u	Yes
28	17	8.6u	463.0u	Yes
29	18	8.8u	272.0u	Yes
30	17	9.2u	251.0u	No
				Detection Rate: 83.3 %

IEEE 802.11N 20MHz.

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	19.9u	434.0u	No
2	15	13.2u	485.0u	Yes
3	14	14.4u	436.0u	Yes
4	16	19.6u	248.0u	Yes
5	13	15.2u	422.0u	No
6	15	13.0u	205.0u	Yes
7	16	14.3u	222.0u	Yes
8	15	11.4u	217.0u	No
9	13	12.7u	268.0u	Yes
10	13	17.1u	208.0u	Yes
11	15	16.8u	498.0u	Yes
12	14	16.9u	330.0u	No
13	15	13.8u	314.0u	Yes
14	16	17.9u	245.0u	Yes
15	14	19.7u	477.0u	Yes
16	13	14.8u	495.0u	Yes
17	13	19.0u	364.0u	Yes
18	12	13.0u	441.0u	Yes
19	14	19.4u	365.0u	Yes
20	15	16.1u	223.0u	Yes
21	13	15.0u	430.0u	No
22	14	11.4u	262.0u	Yes
23	15	12.1u	204.0u	No
24	13	19.3u	333.0u	Yes
25	14	15.4u	244.0u	No
26	14	11.4u	482.0u	Yes
27	13	17.8u	459.0u	Yes
28	14	11.1u	410.0u	Yes
29	14	15.6u	447.0u	Yes
30	13	11.2u	499.0u	Yes
				Detection Rate: 76.7 %

IEEE 802.11N 20MHz.

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	No
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	No
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	No
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 90.0 %

The Long Pulse Radar pattern shown in Annex B.1

IEEE 802.11N 20MHz.

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	No
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	No
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	No
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	No
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	No
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 83.3 %

The Frequency Hopping Radar pattern shown in Annex B.2

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	No
11	18	1.0u	1.428m	No
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	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	No
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 90.0 %

IEEE 802.11N 40MHz.

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	28	3.5u	204.0u	Yes
2	26	4.4u	199.0u	Yes
3	27	1.6u	227.0u	No
4	27	4.1u	198.0u	Yes
5	26	3.3u	170.0u	No
6	25	2.6u	223.0u	Yes
7	27	1.6u	151.0u	Yes
8	27	2.4u	174.0u	Yes
9	24	1.5u	195.0u	Yes
10	28	2.8u	200.0u	Yes
11	28	3.3u	161.0u	Yes
12	27	4.9u	165.0u	Yes
13	28	4.3u	166.0u	Yes
14	27	1.2u	186.0u	Yes
15	24	3.4u	211.0u	Yes
16	23	2.0u	208.0u	Yes
17	26	4.4u	230.0u	Yes
18	28	3.5u	208.0u	Yes
19	29	2.0u	192.0u	No
20	26	3.0u	192.0u	Yes
21	26	4.2u	228.0u	Yes
22	27	1.6u	174.0u	Yes
23	27	3.7u	163.0u	No
24	29	4.4u	184.0u	Yes
25	25	4.5u	205.0u	Yes
26	24	2.8u	225.0u	Yes
27	28	1.6u	223.0u	Yes
28	25	1.7u	165.0u	Yes
29	28	4.5u	224.0u	Yes
30	27	3.2u	154.0u	Yes
				Detection Rate: 86.7 %

IEEE 802.11N 40MHz.

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	6.7u	379.0u	Yes
2	16	6.4u	378.0u	Yes
3	17	7.0u	235.0u	Yes
4	17	9.3u	265.0u	No
5	18	7.5u	399.0u	Yes
6	17	8.5u	444.0u	Yes
7	18	8.4u	424.0u	No
8	17	8.2u	274.0u	Yes
9	16	7.3u	441.0u	Yes
10	16	9.9u	224.0u	Yes
11	18	10.0u	385.0u	Yes
12	17	8.2u	433.0u	Yes
13	17	9.4u	398.0u	Yes
14	17	7.0u	384.0u	Yes
15	18	8.3u	400.0u	Yes
16	16	7.5u	446.0u	Yes
17	16	9.7u	208.0u	Yes
18	18	6.9u	400.0u	Yes
19	18	6.5u	362.0u	Yes
20	17	9.8u	365.0u	Yes
21	16	6.1u	262.0u	Yes
22	18	7.5u	423.0u	Yes
23	18	6.6u	445.0u	No
24	18	9.1u	344.0u	Yes
25	17	7.4u	324.0u	Yes
26	18	7.3u	403.0u	Yes
27	17	9.1u	422.0u	Yes
28	18	6.7u	269.0u	No
29	17	6.7u	354.0u	Yes
30	16	9.4u	403.0u	Yes
				Detection Rate: 86.7 %

IEEE 802.11N 40MHz.

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	12	16.6u	288.0u	Yes
2	14	11.5u	486.0u	Yes
3	14	13.2u	478.0u	Yes
4	16	11.1u	434.0u	No
5	12	13.0u	466.0u	Yes
6	14	15.5u	469.0u	Yes
7	16	16.6u	203.0u	Yes
8	16	19.1u	279.0u	Yes
9	16	15.3u	488.0u	No
10	13	12.3u	417.0u	Yes
11	13	16.0u	202.0u	Yes
12	13	19.3u	237.0u	Yes
13	16	11.0u	309.0u	Yes
14	16	11.7u	430.0u	No
15	16	15.9u	441.0u	No
16	14	16.2u	259.0u	Yes
17	14	17.6u	473.0u	Yes
18	15	19.2u	288.0u	Yes
19	15	19.6u	387.0u	Yes
20	13	18.9u	330.0u	Yes
21	15	15.4u	336.0u	Yes
22	12	13.6u	367.0u	Yes
23	15	19.9u	427.0u	Yes
24	14	17.9u	446.0u	Yes
25	16	11.6u	432.0u	Yes
26	13	12.6u	397.0u	Yes
27	14	18.7u	237.0u	Yes
28	13	15.6u	483.0u	Yes
29	15	19.5u	276.0u	Yes
30	15	18.8u	357.0u	No
				Detection Rate: 83.3 %

IEEE 802.11N 40MHz.

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

The Long Pulse Radar pattern shown in Annex B.1

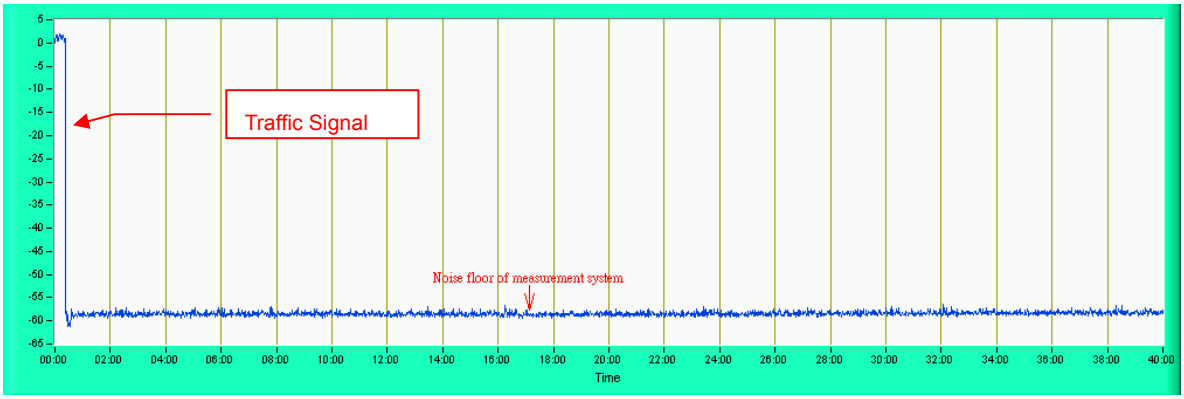
IEEE 802.11N 40MHz.

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	No
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	No
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	No
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	No
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	No
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 83.3 %

The Frequency Hopping Radar pattern shown in Annex B.2

6.2.1.4 NON- OCCUPANCY PERIOD

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.



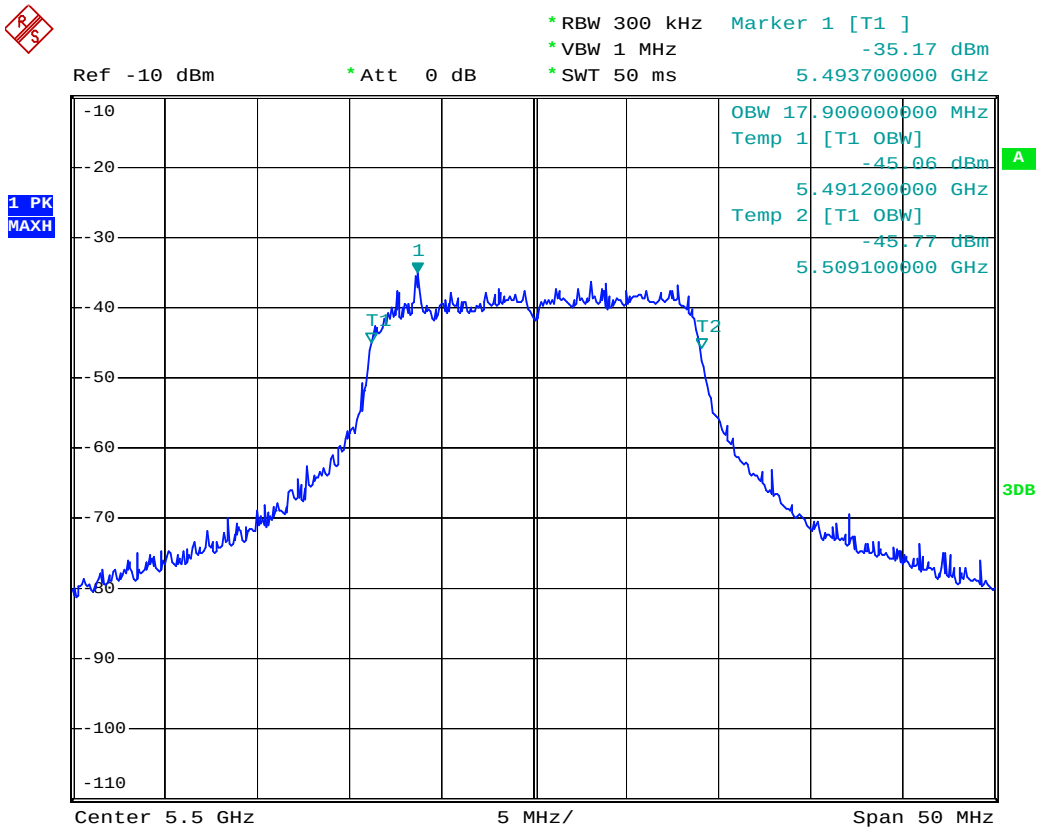
6.2.1.5 UNIFORM SPREADING

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The UUT using the bands 5150 to 5350MHz and 5470 to 5725 MHz shall select an operating channel, so that the probability of selecting a given channel shall be the same for all channels.

The UUT will select channel by random mode and remember this channel when detect radar signal, so that will select unused channel by random mode.

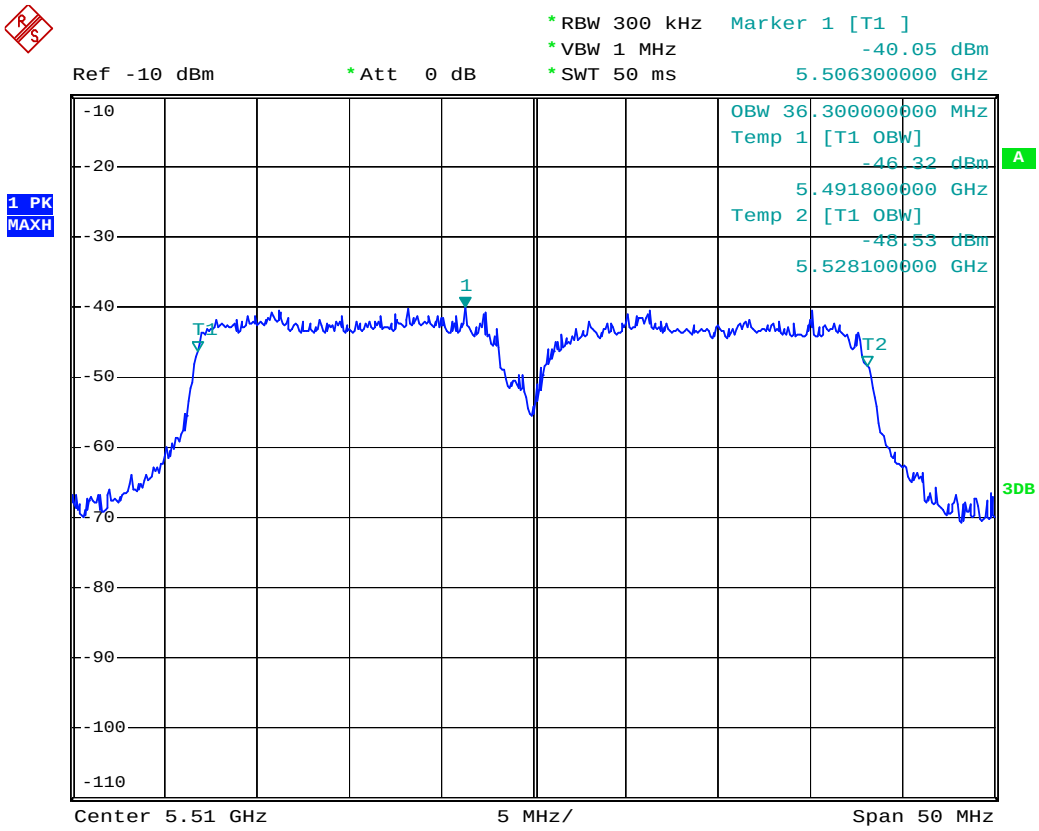
6.2.1.6 U-NII DETECTION BANDWIDTH

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: 17.90MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.32MHz Detection bandwidth : 5509-5491=18MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5491	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	90.0
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	N	Y	90.0

Detection Bandwidth Test IEEE 802.11N 40MHz											
EUT Frequency: 5510MHz EUT 99% Power bandwidth: 36.3MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.04 MHz Detection bandwidth: 5528-5491= 37MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5491	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90
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	N	Y	Y	Y	Y	Y	Y	N	80

6.2.1.7 Transmit power control (TPC)

DFS Report 6.2.17 section

According to FCC 15.407(h)(1) the TPC mechanism is not required for system with an e.i.r.p. of less 500mW

7. TESTING LABORATORIES INFORMATION

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

USA	FCC, NVLAP
Germany	TUV Rheinland
Japan	VCCI
Norway	NEMKO
Canada	INDUSTRY CANADA, CSA
R.O.C.	TAF, BSMI, NCC
Netherlands	Telefication
Singapore	GOST-ASIA(MOU)
Russia	CERTIS(MOU)

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: 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

Hwa Ya EMC/RF/Safety Telecom Lab:
Tel: 886-3-3183232
Fax: 886-3-3185050

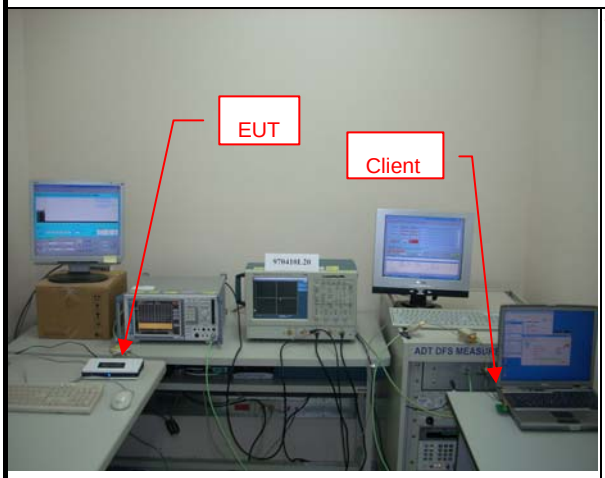
Web Site: www.adt.com.tw

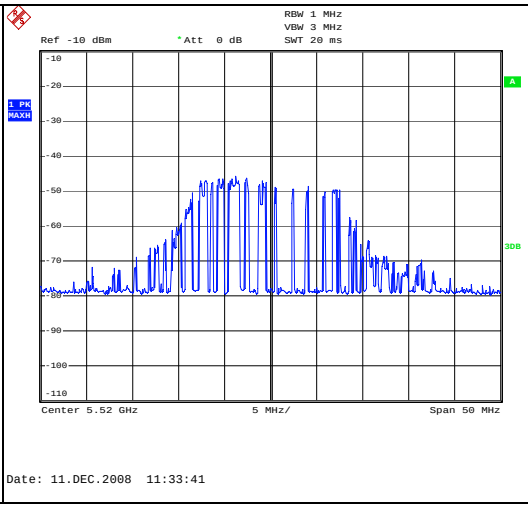
The address and road map of all our labs can be found in our web site also.

8. APPENDIX

8.1 APPENDIX-A

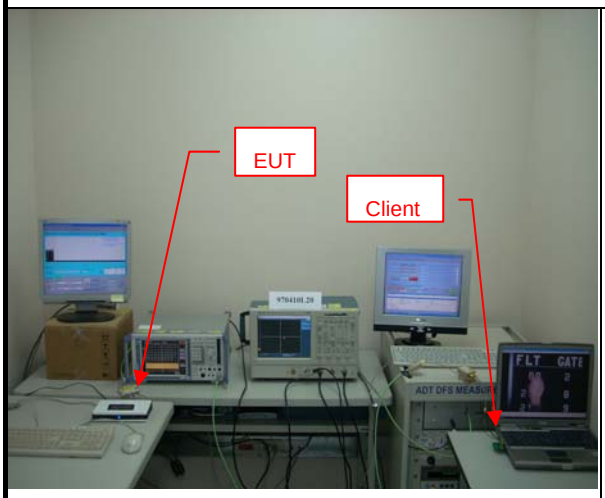
1) Test results demonstrating Master links with Client on a test frequency.

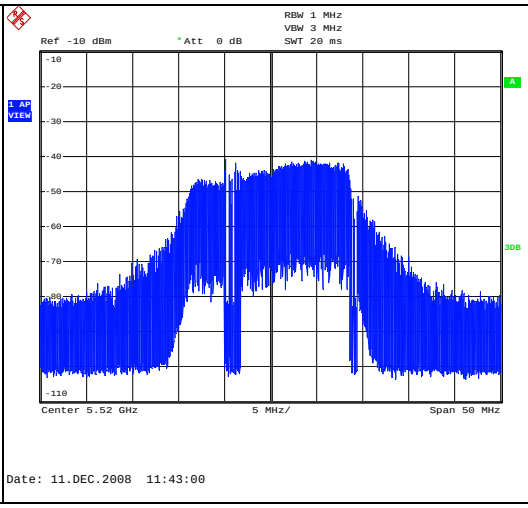




EUT (MASTER) links with Client on 5500MHz

2) The Master and DFS-certified Client device are associated, and the movie can be streamed as specified in the DFS Order.





Client plays a specified files via master.

8.2 APPENDIX-B

RADAR TEST SIGNAL

B.1 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: 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	12M	83.9u	1.828m	-	1.273
2	2	6M	87.2u	1.024m	-	438.1m
3	3	19M	85.6u	1.163m	1.419m	644.5m
4	2	17M	64.3u	1.277m	-	94.62m
5	1	17M	65.4u	-	-	76.54m
6	2	7M	85.6u	1.473m	-	839.2m
7	2	19M	98.3u	1.850m	-	702.9m
8	2	11M	53.1u	1.450m	-	210.5m
9	1	10M	97.7u	-	-	493.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	85.1u	1.222m	-	597.4m
2	3	9M	66.6u	1.507m	1.808m	438.9m
3	3	6M	68.9u	1.399m	1.609m	477.8m
4	3	12M	50.3u	1.188m	1.151m	666.3m
5	3	14M	62.5u	1.339m	1.785m	680.1m
6	2	11M	83.2u	1.848m	-	864.9m
7	3	5M	62.6u	1.561m	1.606m	308.1m
8	2	9M	68.5u	1.349m	-	275.6m
9	3	10M	70.6u	1.376m	999.4u	769.5m
10	3	11M	60.0u	1.625m	1.611m	55.17m
11	1	6M	92.8u	-	-	617.4m
12	2	18M	90.5u	1.399m	-	556.5m
13	1	17M	78.3u	-	-	896.9m

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	12M	74.9u	1.231m	-	861.3m
2	2	10M	54.8u	1.315m	-	669.9m
3	1	11M	56.2u	-	-	407.8m
4	3	16M	56.6u	1.240m	1.199m	33.63m
5	1	8M	70.7u	-	-	14.91m
6	2	11M	67.5u	1.875m	-	745.8m
7	3	16M	90.8u	1.770m	1.095m	763.9m
8	2	17M	62.1u	1.588m	-	297.4m
9	2	16M	63.6u	1.497m	-	20.51m
10	1	12M	64.6u	-	-	804.7m
11	3	9M	82.8u	1.256m	1.034m	206.8m
12	2	9M	69.1u	1.636m	-	288.2m
13	3	11M	61.7u	1.570m	1.522m	601.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	72.7u	1.403m	-	246.5m
2	2	5M	54.9u	1.184m	-	324.1m
3	1	8M	69.8u	-	-	347.6m
4	1	16M	51.8u	-	-	823.2m
5	2	12M	82.6u	1.684m	-	640.5m
6	3	16M	87.3u	1.549m	1.104m	359.4m
7	3	11M	79.2u	1.249m	1.830m	41.55m
8	1	16M	64.8u	-	-	355.2m
9	2	11M	79.9u	1.525m	-	850.1m
10	1	12M	70.6u	-	-	10.53m
11	1	11M	59.6u	-	-	302.9m
12	1	14M	89.3u	-	-	847.1m
13	3	17M	54.1u	1.562m	1.537m	34.98m
14	1	6M	80.2u	-	-	16.47m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	9M	51.5u	-	-	461.8m
2	3	14M	59.8u	1.911m	1.111m	8.338m
3	3	10M	79.3u	1.510m	1.760m	5.331m
4	1	12M	83.9u	-	-	213.2m
5	2	12M	85.9u	1.527m	-	139.4m
6	2	12M	64.3u	1.570m	-	389.4m
7	2	13M	99.6u	1.267m	-	392.9m
8	1	13M	84.6u	-	-	601.4m
9	2	14M	84.3u	1.763m	-	212.4m
10	3	19M	53.3u	1.662m	948.7u	464.7m
11	1	13M	56.0u	-	-	230.0m
12	3	8M	81.9u	1.707m	1.013m	103.3m
13	2	10M	69.3u	1.317m	-	446.9m
14	1	12M	74.8u	-	-	96.40m
15	1	14M	90.4u	-	-	16.23m
16	2	15M	99.4u	1.527m	-	470.1m
17	3	18M	52.7u	1.596m	1.795m	157.1m
18	3	8M	73.3u	1.051m	1.619m	38.51m
19	2	19M	85.4u	1.017m	-	351.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	60.7u	1.269m	-	167.8m
2	1	13M	93.5u	-	-	43.20m
3	1	12M	69.2u	-	-	1.018
4	1	5M	70.0u	-	-	500.2m
5	2	14M	67.7u	1.285m	-	509.0m
6	3	15M	77.3u	1.349m	1.858m	86.97m
7	1	7M	73.6u	-	-	417.2m
8	3	9M	55.5u	1.538m	1.259m	859.0m
9	1	11M	87.2u	-	-	131.1m
10	2	18M	65.4u	1.835m	-	718.0m
11	1	6M	66.9u	-	-	211.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	6M	70.2u	944.8u	1.316m	581.9m
2	3	12M	74.4u	1.741m	1.379m	191.6m
3	2	15M	67.0u	1.135m	-	609.6m
4	1	17M	85.7u	-	-	918.8m
5	2	14M	82.9u	1.299m	-	6.928m
6	3	9M	58.5u	1.890m	1.567m	998.6m
7	2	12M	76.6u	1.193m	-	385.7m
8	1	6M	90.1u	-	-	834.0m
9	3	9M	77.2u	1.889m	1.363m	314.0m
10	3	6M	55.6u	1.708m	1.121m	914.1m
11	2	7M	60.6u	1.049m	-	691.4m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 18

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	66.1u	1.498m	-	556.3m
2	3	7M	87.8u	1.399m	1.521m	626.3m
3	3	10M	91.0u	984.0u	1.832m	618.7m
4	1	11M	90.3u	-	-	8.535m
5	3	8M	98.0u	1.738m	1.641m	614.1m
6	2	13M	61.9u	1.148m	-	446.7m
7	2	19M	84.6u	1.373m	-	103.6m
8	2	12M	92.0u	1.137m	-	471.0m
9	2	5M	89.0u	1.362m	-	501.4m
10	2	5M	65.4u	1.821m	-	251.0m
11	3	9M	65.4u	1.164m	1.766m	404.5m
12	3	11M	96.3u	1.180m	1.762m	184.0m
13	2	8M	86.4u	1.521m	-	502.4m
14	1	19M	76.4u	-	-	460.8m
15	3	15M	56.0u	1.449m	1.753m	7.073m
16	3	12M	72.8u	1.511m	1.109m	404.6m
17	3	20M	72.3u	1.518m	1.548m	361.4m
18	2	17M	75.8u	1.261m	-	639.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	52.6u	-	-	41.60m
2	2	11M	61.4u	1.504m	-	12.01m
3	1	16M	86.6u	-	-	101.5m
4	3	6M	50.6u	1.148m	1.147m	6.183m
5	3	8M	86.6u	1.866m	1.487m	382.1m
6	2	19M	85.5u	1.231m	-	180.0m
7	2	18M	90.3u	1.124m	-	454.8m
8	1	20M	85.2u	-	-	192.0m
9	1	6M	55.4u	-	-	86.14m
10	2	17M	70.6u	1.144m	-	500.1m
11	2	7M	83.0u	1.208m	-	468.5m
12	2	13M	64.0u	1.932m	-	191.5m
13	1	10M	93.9u	-	-	287.3m
14	3	7M	78.5u	1.053m	1.367m	454.7m
15	3	18M	68.3u	1.047m	1.709m	341.5m
16	1	17M	69.2u	-	-	5.852m
17	2	11M	67.7u	1.925m	-	497.4m
18	1	13M	95.2u	-	-	252.4m
19	2	12M	51.4u	1.381m	-	591.6m
20	3	17M	62.8u	1.816m	1.104m	473.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	67.0u	1.812m	-	599.0m
2	2	8M	80.5u	921.5u	-	106.6m
3	3	13M	86.8u	1.783m	1.831m	601.0m
4	2	15M	97.8u	1.717m	-	197.1m
5	3	9M	92.4u	1.270m	978.6u	117.2m
6	2	7M	60.6u	1.929m	-	591.9m
7	3	7M	61.5u	1.280m	1.016m	480.2m
8	3	6M	95.4u	1.666m	1.427m	409.6m
9	2	14M	99.3u	1.603m	-	345.7m
10	2	19M	69.5u	1.914m	-	132.3m
11	2	18M	66.0u	949.0u	-	131.9m
12	3	9M	91.7u	1.699m	1.729m	175.0m
13	3	12M	58.3u	1.223m	1.366m	244.6m
14	1	7M	75.0u	-	-	316.4m
15	2	10M	69.6u	1.369m	-	180.3m
16	2	6M	93.6u	1.726m	-	292.5m
17	3	18M	77.6u	1.060m	1.250m	543.5m
18	2	18M	54.2u	1.152m	-	256.1m
19	1	14M	57.7u	-	-	344.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 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	77.5u	1.034m	-	841.3m
2	1	8M	56.7u	-	-	1.321
3	2	7M	67.7u	1.909m	-	1.160
4	3	18M	72.2u	1.668m	1.342m	663.8m
5	2	15M	93.0u	1.885m	-	1.093
6	2	16M	70.7u	971.3u	-	182.0m
7	3	11M	91.3u	1.765m	1.454m	848.1m
8	3	17M	69.9u	1.193m	1.576m	1.205
9	3	13M	55.5u	1.339m	1.007m	1.326

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	12M	52.4u	1.941m	1.428m	85.45m
2	2	7M	76.4u	1.869m	-	141.7m
3	2	8M	81.3u	972.7u	-	585.0m
4	2	10M	74.1u	1.721m	-	361.3m
5	2	16M	81.8u	1.594m	-	497.7m
6	1	15M	63.1u	-	-	582.8m
7	2	10M	52.2u	1.948m	-	291.1m
8	3	12M	88.2u	1.664m	1.701m	570.7m
9	3	11M	91.0u	1.316m	1.430m	179.5m
10	1	14M	64.4u	-	-	49.89m
11	2	15M	67.0u	1.349m	-	291.6m
12	2	13M	97.0u	1.138m	-	64.50m
13	3	9M	66.8u	1.006m	1.044m	171.4m
14	2	18M	51.5u	1.156m	-	559.1m
15	2	16M	72.6u	1.761m	-	373.2m
16	2	5M	55.2u	948.8u	-	229.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	87.5u	1.122m	1.439m	231.2m
2	2	18M	52.4u	1.863m	-	957.7m
3	2	11M	61.9u	1.625m	-	821.3m
4	1	12M	62.4u	-	-	1.281
5	1	14M	81.9u	-	-	498.2m
6	2	14M	69.7u	1.108m	-	818.4m
7	2	6M	90.1u	998.9u	-	1.184
8	2	19M	56.5u	1.496m	-	1.002
9	1	8M	73.2u	-	-	737.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_14 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	68.3u	1.323m	1.809m	738.9m
2	1	18M	94.7u	-	-	803.5m
3	2	18M	75.3u	1.025m	-	281.9m
4	2	17M	81.5u	1.873m	-	826.0m
5	3	13M	67.1u	1.913m	938.9u	236.6m
6	2	6M	89.6u	1.111m	-	497.1m
7	1	16M	71.0u	-	-	141.4m
8	2	8M	91.7u	1.002m	-	853.1m
9	1	13M	55.1u	-	-	404.4m
10	2	20M	60.6u	1.093m	-	558.9m
11	3	12M	90.3u	1.100m	1.385m	147.8m
12	1	6M	50.2u	-	-	403.2m
13	1	12M	96.8u	-	-	276.7m
14	3	6M	78.9u	1.718m	1.421m	547.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	95.5u	-	-	619.9m
2	2	12M	73.4u	1.415m	-	518.7m
3	1	13M	83.5u	-	-	404.6m
4	3	20M	85.1u	998.9u	1.734m	212.9m
5	2	18M	55.9u	1.358m	-	78.29m
6	3	17M	67.3u	1.662m	1.306m	567.8m
7	3	16M	77.5u	1.272m	1.525m	7.206m
8	3	18M	98.5u	1.420m	1.732m	412.9m
9	2	20M	52.6u	1.264m	-	134.9m
10	1	17M	55.0u	-	-	540.2m
11	2	7M	92.6u	912.4u	-	64.78m
12	2	18M	82.9u	1.195m	-	375.3m
13	1	10M	55.0u	-	-	315.0m
14	2	18M	96.1u	1.216m	-	595.2m
15	1	5M	74.3u	-	-	594.1m
16	2	12M	92.2u	926.8u	-	149.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	71.7u	-	-	680.1m
2	2	17M	65.5u	1.747m	-	73.33m
3	2	19M	57.1u	1.567m	-	518.4m
4	3	6M	84.3u	923.7u	1.079m	60.88m
5	3	20M	95.1u	1.246m	1.356m	477.5m
6	3	14M	90.8u	1.344m	1.569m	750.0m
7	2	9M	84.9u	1.241m	-	291.3m
8	3	8M	58.5u	1.729m	1.433m	108.5m
9	2	13M	53.1u	1.940m	-	440.4m
10	3	10M	97.0u	1.322m	1.031m	682.8m
11	2	6M	58.4u	1.263m	-	416.6m
12	3	16M	89.7u	1.266m	1.739m	148.9m
13	1	16M	73.5u	-	-	628.8m
14	3	16M	95.6u	1.098m	1.477m	442.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	88.2u	1.544m	1.667m	853.4m
2	2	16M	66.3u	1.005m	-	684.7m
3	3	13M	80.2u	1.664m	1.212m	670.2m
4	2	17M	54.2u	1.772m	-	695.4m
5	2	18M	72.3u	1.697m	-	514.8m
6	2	9M	62.1u	1.662m	-	111.3m
7	2	7M	56.6u	1.028m	-	592.7m
8	1	9M	89.7u	-	-	790.3m
9	2	18M	66.7u	1.206m	-	817.3m
10	1	9M	79.5u	-	-	589.1m
11	3	19M	84.2u	1.815m	1.385m	732.2m
12	1	11M	75.4u	-	-	101.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	61.8u	1.314m	-	154.4m
2	2	10M	65.9u	1.713m	-	565.5m
3	1	18M	80.0u	-	-	41.97m
4	1	14M	69.6u	-	-	249.5m
5	1	11M	76.7u	-	-	6.446m
6	2	19M	87.0u	1.158m	-	602.9m
7	1	9M	81.7u	-	-	473.2m
8	2	6M	78.3u	1.431m	-	292.4m
9	2	17M	91.0u	1.818m	-	382.4m
10	3	9M	85.3u	1.900m	1.833m	302.0m
11	3	16M	89.4u	1.326m	1.777m	263.6m
12	2	13M	90.2u	1.699m	-	16.70m
13	3	20M	86.3u	1.316m	1.066m	7.809m
14	2	11M	50.5u	1.097m	-	503.8m
15	2	15M	53.9u	1.255m	-	23.30m
16	1	15M	90.5u	-	-	243.9m
17	2	18M	96.9u	940.1u	-	66.24m
18	2	14M	83.7u	1.176m	-	459.9m
19	2	17M	94.4u	1.149m	-	63.15m

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	3	18M	93.6u	1.021m	1.010m	1.166
2	2	18M	72.0u	1.709m	-	1.070
3	1	17M	87.5u	-	-	1.307
4	2	18M	84.8u	1.106m	-	1.110
5	2	9M	85.4u	1.562m	-	660.6m
6	3	10M	88.8u	1.389m	1.470m	194.5m
7	2	15M	83.9u	1.618m	-	94.84m
8	2	10M	99.7u	1.424m	-	310.2m
9	1	11M	63.4u	-	-	1.118

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	72.1u	1.076m	-	756.7m
2	2	7M	77.6u	1.312m	-	757.7m
3	3	17M	57.6u	1.442m	1.192m	374.0m
4	2	17M	90.3u	1.332m	-	839.3m
5	1	14M	60.7u	-	-	436.0m
6	2	15M	68.0u	1.064m	-	526.1m
7	2	15M	81.9u	1.114m	-	166.9m
8	2	6M	68.7u	1.920m	-	475.3m
9	2	12M	74.7u	955.3u	-	432.3m
10	2	19M	96.0u	1.678m	-	568.3m
11	2	7M	55.5u	1.224m	-	228.1m
12	3	11M	93.4u	1.827m	1.655m	354.0m
13	3	5M	69.8u	1.854m	1.416m	442.6m
14	2	18M	74.2u	1.050m	-	670.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	74.9u	1.686m	-	49.90m
2	1	7M	65.6u	-	-	588.6m
3	2	12M	77.1u	1.326m	-	418.6m
4	2	16M	95.4u	1.156m	-	93.20m
5	3	18M	85.4u	1.826m	1.510m	381.4m
6	2	11M	51.6u	1.750m	-	231.6m
7	2	8M	72.6u	1.246m	-	89.14m
8	2	20M	62.8u	961.2u	-	526.6m
9	2	20M	57.5u	1.615m	-	278.5m
10	1	9M	83.9u	-	-	17.06m
11	2	17M	84.1u	1.663m	-	311.2m
12	1	14M	51.5u	-	-	539.5m
13	1	5M	82.0u	-	-	231.3m
14	2	6M	94.7u	1.767m	-	112.9m
15	2	17M	61.1u	1.629m	-	388.5m
16	3	13M	76.0u	1.860m	1.503m	71.79m
17	1	13M	69.2u	-	-	344.5m
18	1	13M	99.9u	-	-	177.8m
19	2	16M	95.9u	1.506m	-	509.3m
20	2	19M	63.4u	1.798m	-	329.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	87.5u	928.5u	1.068m	378.7m
2	2	14M	87.1u	1.139m	-	445.0m
3	2	16M	95.5u	1.743m	-	755.5m
4	2	18M	64.9u	1.226m	-	578.2m
5	3	16M	78.2u	1.394m	1.057m	170.0m
6	3	17M	95.4u	1.663m	1.191m	678.9m
7	3	19M	54.4u	1.379m	1.047m	207.5m
8	2	15M	64.6u	1.854m	-	575.9m
9	2	11M	77.6u	1.231m	-	798.8m
10	1	17M	95.5u	-	-	80.44m
11	1	18M	86.1u	-	-	843.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	59.1u	1.580m	-	18.69m
2	2	20M	79.2u	1.707m	-	239.0m
3	3	9M	90.8u	1.863m	1.178m	257.7m
4	1	5M	74.1u	-	-	558.7m
5	2	10M	77.5u	1.863m	-	411.4m
6	2	13M	73.6u	1.174m	-	374.6m
7	2	8M	58.7u	1.179m	-	249.5m
8	2	7M	63.0u	1.153m	-	121.0m
9	3	12M	51.7u	1.554m	1.705m	410.2m
10	2	15M	68.0u	1.698m	-	402.7m
11	2	5M	62.1u	1.401m	-	283.1m
12	2	10M	58.4u	944.6u	-	91.03m
13	1	6M	82.0u	-	-	287.9m
14	2	20M	83.7u	1.714m	-	158.9m
15	2	12M	65.7u	1.526m	-	139.4m
16	2	19M	95.3u	1.305m	-	558.1m
17	1	10M	50.0u	-	-	413.7m
18	2	20M	75.4u	1.281m	-	190.7m
19	3	11M	95.9u	1.442m	1.507m	195.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	89.7u	1.245m	1.769m	729.2m
2	2	19M	56.8u	1.141m	-	171.2m
3	2	5M	86.1u	1.030m	-	210.9m
4	1	5M	98.3u	-	-	166.3m
5	2	11M	83.5u	1.417m	-	400.2m
6	1	19M	70.4u	-	-	469.7m
7	2	16M	84.7u	1.866m	-	690.4m
8	2	11M	62.3u	1.181m	-	373.3m
9	1	20M	99.6u	-	-	751.7m
10	2	19M	79.1u	1.717m	-	574.1m
11	2	15M	98.9u	1.887m	-	946.7m
12	2	7M	96.0u	1.682m	-	763.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	57.9u	945.1u	-	867.7m
2	3	19M	80.1u	1.843m	969.9u	36.29m
3	1	8M	56.9u	-	-	270.3m
4	2	10M	80.7u	1.502m	-	517.2m
5	2	15M	93.9u	1.881m	-	303.5m
6	2	17M	65.5u	937.5u	-	380.0m
7	1	18M	59.4u	-	-	121.3m
8	1	7M	87.5u	-	-	770.8m
9	2	11M	87.2u	1.679m	-	253.2m
10	1	19M	64.6u	-	-	358.4m
11	2	12M	63.9u	1.440m	-	526.0m
12	2	15M	99.3u	1.373m	-	819.9m
13	2	15M	92.7u	1.296m	-	795.1m

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	2	6M	83.1u	1.179m	-	64.16m
2	1	10M	71.8u	-	-	615.5m
3	2	11M	78.0u	1.738m	-	98.37m
4	1	16M	76.5u	-	-	679.9m
5	1	8M	76.7u	-	-	662.6m
6	2	15M	83.7u	1.214m	-	737.2m
7	3	11M	86.3u	1.378m	1.645m	531.3m
8	2	13M	95.9u	942.1u	-	643.2m
9	1	18M	86.7u	-	-	342.8m
10	2	8M	88.5u	1.870m	-	569.2m
11	3	16M	89.1u	1.616m	982.9u	457.9m
12	2	19M	58.4u	1.810m	-	186.2m
13	1	13M	73.2u	-	-	10.43m
14	2	19M	66.1u	1.508m	-	706.5m
15	2	18M	75.7u	1.876m	-	11.67m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	57.8u	-	-	636.4m
2	2	8M	50.1u	1.678m	-	144.5m
3	2	6M	92.2u	1.615m	-	279.4m
4	1	15M	90.3u	-	-	73.34m
5	3	11M	97.8u	1.210m	1.285m	513.2m
6	3	15M	57.0u	1.277m	1.569m	228.4m
7	1	8M	58.3u	-	-	171.1m
8	3	11M	65.7u	1.830m	1.355m	308.4m
9	1	15M	53.6u	-	-	345.4m
10	2	6M	98.3u	1.404m	-	48.96m
11	2	6M	50.3u	1.151m	-	580.7m
12	3	20M	66.1u	1.790m	1.112m	659.4m
13	2	18M	67.3u	1.572m	-	652.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	58.9u	1.226m	-	403.8m
2	2	18M	96.7u	1.801m	-	551.3m
3	2	13M	85.4u	1.470m	-	724.9m
4	2	7M	75.6u	1.451m	-	442.2m
5	3	13M	82.3u	1.059m	1.913m	114.4m
6	2	8M	53.9u	1.770m	-	709.3m
7	2	17M	75.4u	1.357m	-	745.5m
8	3	8M	66.7u	1.055m	1.382m	155.1m
9	3	19M	76.2u	1.653m	1.137m	319.8m
10	2	13M	73.4u	1.524m	-	34.46m
11	3	8M	64.4u	1.894m	1.211m	607.9m
12	2	16M	68.3u	1.517m	-	612.8m
13	3	18M	74.2u	1.673m	1.519m	294.3m
14	2	12M	88.5u	1.429m	-	573.9m
15	2	15M	64.6u	1.375m	-	84.00m
16	2	12M	65.1u	1.537m	-	445.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_29
Number of Bursts in Trial: 17

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	5M	58.0u	1.597m	1.272m	128.6m
2	2	20M	59.4u	951.6u	-	397.0m
3	3	13M	51.9u	1.398m	1.450m	269.5m
4	2	5M	56.7u	1.910m	-	519.7m
5	1	8M	70.4u	-	-	689.3m
6	1	5M	73.2u	-	-	177.1m
7	2	16M	93.7u	1.690m	-	279.0m
8	2	6M	76.7u	1.562m	-	493.3m
9	2	19M	59.8u	1.684m	-	239.0m
10	2	6M	73.4u	1.606m	-	558.6m
11	3	11M	91.3u	1.842m	1.013m	206.5m
12	3	15M	88.7u	948.3u	1.804m	617.2m
13	2	16M	86.6u	1.096m	-	18.95m
14	2	18M	82.5u	1.540m	-	522.3m
15	2	13M	62.3u	1.014m	-	162.9m
16	2	20M	53.5u	1.138m	-	407.5m
17	1	13M	71.2u	-	-	253.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	81.3u	1.617m	-	98.50m
2	3	17M	85.2u	1.818m	1.638m	443.4m
3	3	8M	92.9u	1.111m	1.305m	249.1m
4	1	11M	80.0u	-	-	136.0m
5	3	15M	75.2u	1.878m	1.629m	519.9m
6	2	5M	60.7u	1.275m	-	339.1m
7	1	20M	51.2u	-	-	640.2m
8	2	7M	77.5u	1.842m	-	100.5m
9	2	9M	65.1u	1.205m	-	447.4m
10	2	13M	55.6u	1.056m	-	496.0m
11	2	12M	86.5u	931.5u	-	149.5m
12	3	18M	97.3u	1.012m	1.018m	136.1m
13	2	18M	73.3u	1.757m	-	670.8m
14	1	9M	51.2u	-	-	625.8m
15	3	16M	61.4u	1.922m	1.009m	133.8m
16	2	9M	55.3u	1.597m	-	133.5m

IEEE 802.11N 40MHz.

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_01 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	83.7u	1.644m	-	404.2m
2	1	11M	54.9u	-	-	604.1m
3	2	12M	68.4u	1.516m	-	328.9m
4	2	6M	68.1u	1.893m	-	131.3m
5	2	9M	87.8u	1.891m	-	224.6m
6	3	20M	55.6u	1.315m	1.392m	45.57m
7	2	10M	75.1u	1.186m	-	281.5m
8	2	16M	79.3u	1.727m	-	601.9m
9	2	9M	64.6u	936.4u	-	507.6m
10	1	17M	53.9u	-	-	379.5m
11	3	7M	66.6u	1.928m	1.385m	257.6m
12	3	7M	92.8u	1.520m	1.805m	414.2m
13	2	15M	56.1u	1.528m	-	392.2m
14	2	10M	81.7u	1.807m	-	541.7m
15	1	6M	70.6u	-	-	317.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	85.5u	1.609m	-	578.6m
2	1	15M	60.4u	-	-	899.6m
3	2	14M	90.1u	1.327m	-	690.9m
4	3	10M	75.4u	1.110m	1.329m	549.8m
5	3	17M	85.9u	942.1u	1.040m	386.7m
6	3	15M	65.4u	964.6u	1.921m	201.0m
7	2	17M	78.1u	963.9u	-	42.86m
8	2	18M	60.1u	975.9u	-	813.8m
9	1	6M	86.4u	-	-	375.4m
10	3	15M	64.8u	1.346m	1.902m	279.6m
11	3	16M	94.6u	1.326m	1.792m	283.2m
12	2	17M	92.8u	1.141m	-	869.9m
13	2	12M	93.1u	1.811m	-	605.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	81.3u	-	-	358.8m
2	2	10M	62.7u	1.255m	-	158.1m
3	2	8M	53.2u	979.8u	-	391.4m
4	3	18M	71.7u	1.336m	1.605m	267.8m
5	2	18M	68.7u	964.3u	-	963.2m
6	2	19M	65.7u	1.837m	-	610.5m
7	3	7M	53.8u	1.943m	1.555m	65.26m
8	3	15M	84.1u	1.001m	1.739m	532.6m
9	1	9M	63.1u	-	-	197.4m
10	3	9M	63.1u	1.899m	1.230m	71.02m
11	2	19M	68.8u	1.521m	-	899.0m
12	1	11M	92.0u	-	-	901.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	87.1u	1.534m	-	64.92m
2	2	12M	84.2u	1.826m	-	282.8m
3	2	17M	94.8u	980.2u	-	641.1m
4	2	14M	54.9u	1.601m	-	360.5m
5	2	14M	84.4u	1.544m	-	333.4m
6	2	17M	83.6u	1.454m	-	368.4m
7	1	7M	86.2u	-	-	724.7m
8	2	5M	88.2u	1.471m	-	721.4m
9	2	6M	99.2u	1.645m	-	590.8m
10	1	10M	62.3u	-	-	144.3m
11	1	6M	53.3u	-	-	348.2m
12	2	8M	81.8u	1.734m	-	208.6m
13	2	9M	59.6u	1.937m	-	373.0m
14	2	18M	75.5u	1.618m	-	775.5m
15	3	16M	57.9u	1.415m	1.863m	642.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	92.7u	1.461m	1.723m	573.5m
2	2	20M	58.0u	1.301m	-	156.6m
3	3	11M	88.8u	1.782m	1.871m	312.5m
4	3	19M	98.5u	1.436m	1.763m	504.8m
5	1	16M	89.8u	-	-	497.0m
6	1	10M	86.3u	-	-	731.1m
7	2	10M	66.3u	1.621m	-	549.0m
8	1	18M	68.1u	-	-	249.0m
9	2	6M	55.7u	1.726m	-	422.4m
10	3	13M	52.1u	1.906m	1.719m	214.0m
11	1	9M	61.1u	-	-	502.3m
12	2	16M	70.6u	1.469m	-	77.42m
13	1	10M	91.0u	-	-	611.8m
14	3	15M	99.1u	1.232m	971.9u	641.6m
15	3	10M	77.6u	1.431m	1.618m	381.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 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	97.6u	1.032m	-	658.0m
2	2	17M	67.8u	1.398m	-	905.6m
3	1	14M	64.3u	-	-	606.3m
4	2	10M	81.0u	1.261m	-	228.9m
5	3	10M	56.2u	1.551m	1.433m	671.2m
6	2	17M	58.3u	1.887m	-	3.465m
7	1	13M	74.6u	-	-	151.8m
8	3	20M	82.1u	1.526m	1.328m	576.9m
9	1	15M	57.0u	-	-	783.7m
10	2	8M	90.0u	1.018m	-	532.9m
11	1	18M	53.0u	-	-	941.0m
12	2	15M	84.0u	925.0u	-	888.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 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	12M	50.8u	1.024m	-	323.9m
2	2	19M	72.2u	1.898m	-	268.9m
3	1	11M	96.1u	-	-	833.9m
4	2	14M	56.6u	1.761m	-	134.6m
5	2	16M	79.7u	1.295m	-	810.6m
6	3	19M	73.8u	1.032m	1.399m	766.7m
7	1	7M	97.2u	-	-	567.8m
8	2	17M	94.9u	1.516m	-	637.7m
9	3	18M	71.8u	1.050m	1.083m	961.0m
10	3	8M	55.9u	1.858m	1.794m	691.9m
11	1	6M	83.5u	-	-	905.2m
12	2	5M	70.1u	1.247m	-	389.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 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	15M	94.4u	1.195m	1.542m	386.7m
2	2	13M	66.6u	1.322m	-	23.36m
3	2	9M	79.8u	1.740m	-	351.4m
4	3	11M	60.0u	1.142m	1.936m	342.0m
5	2	11M	57.1u	1.395m	-	253.5m
6	2	19M	81.3u	1.279m	-	502.7m
7	3	18M	95.7u	1.031m	1.625m	133.2m
8	1	8M	58.6u	-	-	454.1m
9	2	11M	51.0u	1.746m	-	574.7m
10	2	12M	56.3u	1.740m	-	607.0m
11	2	17M	64.2u	1.392m	-	652.2m
12	1	10M	79.0u	-	-	592.1m
13	2	9M	55.0u	1.155m	-	395.2m
14	3	12M	87.1u	1.237m	1.812m	253.8m
15	1	14M	66.8u	-	-	653.5m
16	1	15M	60.9u	-	-	275.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 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	76.9u	1.566m	-	365.6m
2	3	9M	53.9u	1.393m	1.744m	465.2m
3	1	15M	84.7u	-	-	525.7m
4	2	6M	60.7u	1.533m	-	557.7m
5	3	19M	72.2u	1.323m	1.128m	671.9m
6	3	12M	64.7u	1.865m	1.552m	592.1m
7	2	5M	99.5u	1.559m	-	733.7m
8	2	7M	97.9u	1.060m	-	614.0m
9	2	14M	66.7u	1.012m	-	568.3m
10	2	10M	52.7u	1.321m	-	847.8m
11	2	9M	70.7u	1.078m	-	494.8m
12	2	12M	86.3u	1.152m	-	117.4m
13	2	10M	91.3u	1.576m	-	151.0m
14	2	20M	72.7u	1.406m	-	475.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	63.5u	-	-	122.4m
2	2	11M	97.2u	1.476m	-	321.1m
3	1	13M	98.4u	-	-	825.5m
4	3	17M	66.5u	1.533m	1.532m	591.9m
5	2	18M	57.6u	1.778m	-	283.3m
6	2	10M	73.6u	1.074m	-	774.9m
7	3	17M	94.5u	1.347m	1.179m	766.0m
8	2	9M	74.5u	1.179m	-	371.0m
9	2	10M	83.7u	1.585m	-	424.1m
10	1	10M	92.6u	-	-	523.7m
11	2	5M	61.6u	1.070m	-	463.9m
12	3	15M	84.5u	978.5u	1.235m	798.9m
13	2	10M	75.5u	1.478m	-	514.4m
14	3	9M	56.8u	1.645m	1.383m	338.0m

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	2	6M	83.4u	1.038m	-	805.2m
2	1	9M	71.1u	-	-	966.6m
3	2	10M	74.4u	1.674m	-	327.1m
4	2	11M	55.2u	1.532m	-	964.4m
5	2	6M	89.8u	1.727m	-	894.9m
6	3	10M	77.5u	1.228m	1.258m	879.2m
7	1	14M	77.0u	-	-	29.03m
8	2	11M	60.5u	1.076m	-	305.2m
9	2	13M	63.9u	969.1u	-	450.3m
10	3	19M	57.3u	1.544m	1.015m	1.002
11	2	7M	91.1u	919.9u	-	568.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 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	6M	66.1u	1.097m	-	127.8m
2	3	16M	70.3u	1.462m	936.7u	250.7m
3	3	14M	99.7u	1.893m	1.246m	233.5m
4	1	6M	81.1u	-	-	249.9m
5	1	6M	74.9u	-	-	156.0m
6	3	8M	80.8u	1.239m	1.864m	577.1m
7	2	9M	56.0u	1.583m	-	224.1m
8	2	18M	70.1u	1.324m	-	169.2m
9	2	13M	66.6u	1.316m	-	198.8m
10	3	8M	77.4u	975.6u	1.420m	355.3m
11	2	7M	87.5u	1.751m	-	616.8m
12	3	8M	83.8u	1.169m	1.281m	545.0m
13	2	11M	78.1u	1.442m	-	306.9m
14	2	9M	82.6u	1.271m	-	524.2m
15	2	15M	97.0u	1.206m	-	185.3m
16	3	12M	78.6u	1.649m	1.593m	168.5m
17	2	7M	98.6u	1.677m	-	656.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	87.2u	-	-	1.122
2	3	19M	63.1u	1.848m	1.747m	1.033
3	3	10M	93.4u	1.134m	914.6u	369.0m
4	1	14M	81.4u	-	-	1.106
5	1	17M	96.7u	-	-	712.9m
6	1	12M	54.2u	-	-	1.173
7	3	7M	78.5u	1.429m	1.432m	1.078
8	3	17M	65.3u	1.594m	1.034m	1.069
9	2	8M	54.1u	1.778m	-	469.1m
10	1	17M	97.8u	-	-	558.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_14 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	97.5u	924.5u	-	355.6m
2	3	12M	60.4u	1.851m	1.480m	202.2m
3	3	15M	91.5u	1.089m	1.445m	527.7m
4	2	18M	87.1u	1.647m	-	302.6m
5	3	9M	79.6u	1.742m	1.009m	496.9m
6	3	14M	96.1u	1.604m	1.705m	139.9m
7	2	17M	80.3u	1.419m	-	505.5m
8	2	11M	59.9u	1.872m	-	247.1m
9	2	20M	93.6u	972.4u	-	379.5m
10	2	19M	82.6u	1.555m	-	738.9m
11	2	10M	55.3u	1.724m	-	355.6m
12	2	18M	92.6u	1.473m	-	196.4m
13	3	7M	97.0u	1.100m	977.0u	195.5m
14	2	16M	57.6u	1.148m	-	521.6m
15	2	11M	96.7u	1.278m	-	483.3m
16	3	9M	94.3u	1.033m	1.132m	574.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	59.2u	-	-	356.1m
2	3	14M	87.6u	1.484m	1.518m	237.6m
3	2	12M	87.5u	1.906m	-	146.5m
4	1	9M	89.4u	-	-	53.14m
5	2	15M	93.6u	1.557m	-	341.2m
6	2	10M	77.2u	1.027m	-	89.44m
7	3	14M	66.9u	1.130m	1.188m	188.5m
8	1	5M	55.8u	-	-	451.6m
9	2	9M	60.6u	1.356m	-	606.7m
10	3	17M	82.3u	1.239m	918.7u	26.11m
11	2	10M	65.8u	1.853m	-	418.5m
12	3	17M	56.5u	1.167m	1.293m	305.9m
13	3	15M	84.7u	1.354m	1.262m	370.6m
14	2	17M	56.5u	1.602m	-	673.8m
15	3	12M	75.0u	1.883m	1.722m	109.0m
16	2	6M	89.8u	1.712m	-	536.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 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	10M	81.6u	1.827m	-	534.6m
2	2	13M	56.5u	1.180m	-	48.38m
3	2	8M	71.6u	1.888m	-	608.2m
4	3	17M	97.7u	1.463m	1.621m	567.0m
5	3	16M	80.8u	1.407m	1.326m	307.5m
6	1	9M	71.7u	-	-	345.5m
7	2	15M	74.1u	1.485m	-	275.1m
8	2	20M	81.5u	1.047m	-	476.4m
9	1	8M	77.4u	-	-	620.1m
10	3	8M	56.4u	1.729m	1.172m	543.8m
11	2	18M	55.3u	958.7u	-	337.0m
12	2	8M	78.1u	1.172m	-	364.2m
13	1	16M	51.9u	-	-	408.1m
14	2	8M	97.1u	1.393m	-	259.5m
15	1	9M	51.5u	-	-	567.6m
16	1	7M	98.2u	-	-	425.2m
17	1	20M	87.0u	-	-	205.2m
18	2	20M	59.9u	1.096m	-	455.5m
19	2	12M	67.7u	1.626m	-	353.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	84.1u	-	-	238.5m
2	1	8M	89.2u	-	-	505.9m
3	2	16M	59.4u	1.151m	-	430.8m
4	2	6M	63.7u	1.651m	-	1.029
5	3	17M	70.7u	1.056m	1.825m	858.1m
6	3	6M	50.3u	1.679m	1.748m	407.9m
7	3	7M	50.6u	1.578m	1.849m	52.58m
8	3	5M	78.5u	1.765m	1.156m	217.1m
9	2	15M	83.5u	1.793m	-	245.1m
10	2	13M	65.5u	1.777m	-	112.8m
11	2	12M	69.3u	1.009m	-	726.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	58.2u	1.325m	-	279.7m
2	3	16M	94.6u	1.392m	1.655m	75.18m
3	3	16M	54.7u	1.723m	1.894m	764.3m
4	1	17M	72.8u	-	-	303.9m
5	2	15M	56.5u	1.712m	-	382.8m
6	2	5M	86.6u	1.467m	-	203.5m
7	1	14M	58.9u	-	-	707.1m
8	3	8M	82.9u	1.814m	1.581m	849.9m
9	2	11M	90.8u	1.277m	-	535.2m
10	2	17M	99.6u	1.768m	-	159.2m
11	2	16M	67.8u	1.426m	-	36.23m
12	3	18M	68.3u	1.030m	1.524m	799.6m
13	3	8M	69.6u	934.4u	1.477m	744.1m
14	2	16M	86.6u	1.252m	-	111.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	61.2u	1.443m	-	618.2m
2	3	18M	74.8u	1.638m	1.506m	317.1m
3	3	14M	92.2u	1.756m	1.050m	250.2m
4	1	9M	90.3u	-	-	467.6m
5	2	8M	82.3u	1.906m	-	525.1m
6	2	8M	64.8u	1.334m	-	802.5m
7	2	20M	53.2u	1.519m	-	44.27m
8	3	7M	90.3u	1.391m	1.187m	322.3m
9	3	7M	85.0u	1.607m	1.093m	390.5m
10	2	19M	95.4u	1.827m	-	838.5m
11	2	7M	86.3u	1.573m	-	530.9m
12	2	12M	57.2u	1.429m	-	304.3m
13	1	9M	94.4u	-	-	179.6m
14	3	9M	74.8u	1.227m	1.513m	384.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	20M	57.2u	-	-	345.2m
2	1	9M	96.1u	-	-	346.6m
3	3	13M	66.3u	1.680m	1.347m	358.9m
4	1	20M	92.5u	-	-	899.9m
5	3	10M	94.4u	1.211m	1.737m	1.034
6	3	16M	51.9u	1.679m	1.039m	380.2m
7	2	15M	63.0u	1.845m	-	565.0m
8	2	11M	65.3u	1.620m	-	393.6m
9	2	15M	60.5u	1.099m	-	685.0m
10	3	15M	64.0u	1.256m	1.480m	984.2m
11	1	16M	88.1u	-	-	427.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	95.9u	1.353m	-	54.26m
2	1	12M	62.9u	-	-	355.4m
3	3	18M	50.2u	1.456m	1.825m	592.6m
4	2	14M	81.5u	1.776m	-	378.2m
5	3	10M	65.7u	1.575m	1.470m	144.3m
6	2	9M	54.6u	1.055m	-	631.1m
7	2	11M	58.4u	1.548m	-	393.8m
8	2	6M	87.8u	1.608m	-	712.3m
9	2	6M	76.2u	1.341m	-	416.8m
10	2	6M	77.8u	1.353m	-	960.4m
11	1	19M	70.5u	-	-	405.3m
12	1	6M	64.3u	-	-	299.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 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	6M	76.2u	1.904m	1.395m	288.6m
2	2	16M	52.4u	1.358m	-	458.6m
3	3	19M	86.0u	1.848m	922.0u	177.2m
4	3	15M	85.9u	1.090m	1.247m	269.1m
5	1	5M	80.7u	-	-	413.5m
6	3	7M	55.1u	1.462m	1.218m	677.0m
7	1	13M	59.5u	-	-	553.5m
8	3	16M	92.6u	1.090m	1.650m	155.9m
9	2	17M	71.6u	1.099m	-	687.0m
10	1	16M	83.6u	-	-	471.3m
11	1	9M	88.8u	-	-	642.5m
12	2	9M	86.6u	1.546m	-	518.2m
13	1	12M	92.5u	-	-	549.6m
14	1	15M	64.0u	-	-	456.1m
15	2	15M	69.3u	1.439m	-	144.7m
16	2	10M	94.0u	1.602m	-	473.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	52.2u	1.906m	-	632.6m
2	2	8M	71.6u	1.078m	-	390.3m
3	2	5M	93.0u	1.171m	-	62.09m
4	1	15M	91.7u	-	-	619.6m
5	3	7M	51.9u	1.656m	1.241m	119.6m
6	2	20M	80.3u	1.200m	-	592.5m
7	3	14M	67.4u	1.346m	982.6u	371.1m
8	2	8M	99.3u	1.298m	-	424.9m
9	1	14M	77.3u	-	-	243.3m
10	2	14M	72.0u	1.438m	-	38.42m
11	2	19M	87.3u	1.806m	-	665.4m
12	2	18M	82.9u	1.881m	-	385.8m
13	2	10M	64.5u	1.805m	-	272.3m
14	2	13M	85.5u	1.113m	-	432.1m
15	3	19M	58.1u	1.553m	1.132m	425.7m

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	9M	65.0u	1.912m	-	367.5m
2	2	5M	81.5u	1.883m	-	265.1m
3	2	13M	69.9u	1.585m	-	738.4m
4	2	10M	63.3u	1.011m	-	365.5m
5	3	9M	67.6u	1.534m	1.242m	540.0m
6	1	9M	87.9u	-	-	274.8m
7	1	14M	69.8u	-	-	45.36m
8	1	19M	85.0u	-	-	414.1m
9	3	6M	81.4u	1.585m	933.6u	226.5m
10	2	13M	63.6u	942.4u	-	638.0m
11	2	8M	79.9u	996.1u	-	456.3m
12	3	11M	93.1u	1.027m	1.163m	177.3m
13	1	20M	90.3u	-	-	551.9m
14	2	6M	57.2u	1.443m	-	611.2m
15	1	6M	82.5u	-	-	110.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	13M	93.2u	1.152m	-	451.3m
2	3	7M	93.8u	1.205m	1.165m	395.4m
3	2	7M	58.0u	1.701m	-	322.0m
4	2	18M	68.9u	1.275m	-	288.8m
5	3	14M	69.2u	1.127m	1.258m	275.4m
6	2	15M	99.1u	1.348m	-	804.6m
7	2	14M	51.6u	1.866m	-	368.9m
8	3	19M	52.6u	1.533m	1.092m	168.0m
9	2	9M	68.3u	1.389m	-	83.59m
10	1	11M	59.6u	-	-	203.0m
11	2	19M	57.7u	1.259m	-	658.5m
12	3	14M	84.4u	1.549m	1.483m	396.6m
13	1	18M	99.2u	-	-	608.3m
14	2	18M	96.7u	1.309m	-	643.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 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	16M	85.1u	1.612m	-	983.9m
2	2	15M	100.0u	1.199m	-	540.4m
3	2	11M	56.1u	1.941m	-	885.4m
4	2	18M	76.0u	1.473m	-	648.5m
5	3	20M	51.8u	1.641m	1.037m	712.6m
6	2	10M	77.4u	1.382m	-	1.222
7	3	9M	71.3u	1.806m	1.771m	1.198
8	3	14M	64.0u	1.161m	1.681m	1.308

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	79.1u	941.9u	1.438m	743.9m
2	3	16M	67.9u	992.1u	1.406m	313.4m
3	2	20M	99.2u	1.889m	-	589.4m
4	3	19M	84.1u	1.222m	1.701m	450.5m
5	2	13M	72.3u	1.392m	-	553.2m
6	2	18M	87.7u	1.515m	-	159.9m
7	2	7M	87.9u	918.1u	-	664.6m
8	2	10M	93.8u	1.373m	-	518.3m
9	1	9M	96.0u	-	-	124.3m
10	2	15M	69.0u	1.353m	-	10.11m
11	3	13M	53.0u	1.364m	1.827m	323.8m
12	1	18M	85.7u	-	-	462.7m
13	1	7M	69.0u	-	-	548.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	81.2u	1.025m	-	190.4m
2	3	10M	86.0u	1.205m	1.566m	568.4m
3	2	15M	61.9u	944.1u	-	174.3m
4	2	12M	56.3u	1.738m	-	494.8m
5	1	10M	98.6u	-	-	706.7m
6	2	8M	72.6u	1.732m	-	828.3m
7	2	6M	52.4u	1.546m	-	329.9m
8	2	10M	66.1u	1.554m	-	677.6m
9	3	14M	62.2u	1.476m	1.451m	74.87m
10	2	19M	80.6u	1.034m	-	256.8m
11	3	15M	58.3u	1.461m	1.215m	493.4m
12	1	12M	54.4u	-	-	555.5m
13	3	17M	77.8u	1.494m	1.749m	382.1m

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	16M	87.3u	1.016m	-	101.6m
2	1	16M	50.5u	-	-	326.8m
3	1	9M	85.5u	-	-	699.0m
4	3	7M	97.9u	1.593m	1.356m	495.8m
5	1	6M	83.2u	-	-	288.7m
6	3	16M	71.3u	931.7u	1.681m	332.5m
7	2	11M	65.3u	960.7u	-	646.0m
8	3	18M	81.3u	1.888m	1.510m	330.2m
9	1	17M	89.6u	-	-	421.4m
10	2	18M	94.1u	986.9u	-	262.6m
11	2	14M	67.0u	1.187m	-	797.0m
12	1	14M	87.6u	-	-	61.29m
13	3	10M	95.8u	1.544m	937.2u	696.3m
14	1	12M	56.9u	-	-	572.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	9M	92.0u	-	-	479.7m
2	1	10M	71.1u	-	-	396.4m
3	1	6M	55.5u	-	-	358.5m
4	2	12M	61.8u	1.802m	-	333.0m
5	3	16M	77.1u	1.638m	1.121m	280.9m
6	2	9M	52.3u	1.731m	-	510.4m
7	2	9M	94.7u	1.249m	-	449.0m
8	2	18M	60.5u	1.620m	-	304.7m
9	1	8M	75.5u	-	-	303.3m
10	2	19M	66.0u	1.259m	-	861.8m
11	2	8M	93.0u	1.358m	-	747.0m
12	2	14M	90.3u	1.430m	-	36.77m

B.2 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	5.491G	2	5.412G	3	5.271G	4	5.324G
5	5.452G	6	5.536G	7	5.511G	8	5.576G
9	5.685G	10	5.570G	11	5.573G	12	5.720G
13	5.590G	14	5.346G	15	5.470G	16	5.464G
17	5.410G	18	5.339G	19	5.359G	20	5.699G
21	5.296G	22	5.373G	23	5.706G	24	5.360G
25	5.634G	26	5.510G	27	5.338G	28	5.624G
29	5.358G	30	5.548G	31	5.591G	32	5.377G
33	5.455G	34	5.611G	35	5.512G	36	5.473G
37	5.350G	38	5.694G	39	5.530G	40	5.659G
41	5.342G	42	5.663G	43	5.498G	44	5.547G
45	5.449G	46	5.698G	47	5.563G	48	5.403G
49	5.404G	50	5.535G	51	5.333G	52	5.313G
53	5.708G	54	5.620G	55	5.686G	56	5.397G
57	5.616G	58	5.274G	59	5.633G	60	5.607G
61	5.700G	62	5.555G	63	5.613G	64	5.326G
65	5.353G	66	5.481G	67	5.490G	68	5.506G
69	5.282G	70	5.411G	71	5.642G	72	5.595G
73	5.673G	74	5.696G	75	5.413G	76	5.334G
77	5.292G	78	5.479G	79	5.661G	80	5.693G
81	5.415G	82	5.416G	83	5.391G	84	5.551G
85	5.476G	86	5.467G	87	5.610G	88	5.721G
89	5.441G	90	5.710G	91	5.436G	92	5.265G
93	5.574G	94	5.597G	95	5.341G	96	5.614G
97	5.585G	98	5.712G	99	5.632G	100	5.639G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.313G	2	5.524G	3	5.348G	4	5.407G
5	5.671G	6	5.368G	7	5.283G	8	5.538G
9	5.351G	10	5.561G	11	5.304G	12	5.393G
13	5.479G	14	5.338G	15	5.401G	16	5.405G
17	5.557G	18	5.616G	19	5.610G	20	5.458G
21	5.512G	22	5.721G	23	5.276G	24	5.451G
25	5.456G	26	5.269G	27	5.345G	28	5.489G
29	5.317G	30	5.399G	31	5.704G	32	5.578G
33	5.380G	34	5.529G	35	5.320G	36	5.692G
37	5.424G	38	5.666G	39	5.417G	40	5.535G
41	5.674G	42	5.708G	43	5.333G	44	5.602G
45	5.434G	46	5.256G	47	5.672G	48	5.431G
49	5.460G	50	5.448G	51	5.440G	52	5.379G
53	5.438G	54	5.690G	55	5.661G	56	5.531G
57	5.657G	58	5.415G	59	5.574G	60	5.334G
61	5.502G	62	5.521G	63	5.675G	64	5.684G
65	5.453G	66	5.576G	67	5.682G	68	5.267G
69	5.252G	70	5.361G	71	5.587G	72	5.369G
73	5.541G	74	5.724G	75	5.626G	76	5.464G
77	5.606G	78	5.510G	79	5.416G	80	5.573G
81	5.568G	82	5.533G	83	5.376G	84	5.251G
85	5.523G	86	5.662G	87	5.679G	88	5.611G
89	5.495G	90	5.270G	91	5.687G	92	5.556G
93	5.353G	94	5.669G	95	5.261G	96	5.537G
97	5.445G	98	5.281G	99	5.264G	100	5.370G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.318G	2	5.451G	3	5.410G	4	5.267G
5	5.428G	6	5.681G	7	5.387G	8	5.658G
9	5.338G	10	5.420G	11	5.253G	12	5.350G
13	5.461G	14	5.611G	15	5.626G	16	5.674G
17	5.465G	18	5.254G	19	5.258G	20	5.620G
21	5.484G	22	5.576G	23	5.711G	24	5.302G
25	5.459G	26	5.717G	27	5.373G	28	5.558G
29	5.581G	30	5.603G	31	5.706G	32	5.632G
33	5.307G	34	5.322G	35	5.618G	36	5.661G
37	5.438G	38	5.290G	39	5.400G	40	5.568G
41	5.575G	42	5.648G	43	5.633G	44	5.524G
45	5.301G	46	5.502G	47	5.328G	48	5.521G
49	5.327G	50	5.297G	51	5.291G	52	5.421G
53	5.402G	54	5.538G	55	5.588G	56	5.367G
57	5.263G	58	5.708G	59	5.443G	60	5.426G
61	5.406G	62	5.250G	63	5.552G	64	5.675G
65	5.697G	66	5.288G	67	5.585G	68	5.663G
69	5.352G	70	5.323G	71	5.566G	72	5.363G
73	5.415G	74	5.586G	75	5.493G	76	5.282G
77	5.452G	78	5.555G	79	5.391G	80	5.298G
81	5.513G	82	5.579G	83	5.559G	84	5.599G
85	5.628G	86	5.655G	87	5.594G	88	5.662G
89	5.541G	90	5.439G	91	5.619G	92	5.405G
93	5.710G	94	5.278G	95	5.293G	96	5.315G
97	5.341G	98	5.503G	99	5.442G	100	5.627G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.258G	2	5.541G	3	5.468G	4	5.515G
5	5.392G	6	5.645G	7	5.546G	8	5.680G
9	5.496G	10	5.641G	11	5.543G	12	5.335G
13	5.540G	14	5.476G	15	5.601G	16	5.344G
17	5.577G	18	5.457G	19	5.454G	20	5.582G
21	5.441G	22	5.293G	23	5.519G	24	5.686G
25	5.557G	26	5.692G	27	5.676G	28	5.313G
29	5.267G	30	5.431G	31	5.341G	32	5.376G
33	5.444G	34	5.321G	35	5.709G	36	5.260G
37	5.492G	38	5.252G	39	5.647G	40	5.273G
41	5.403G	42	5.282G	43	5.500G	44	5.719G
45	5.576G	46	5.426G	47	5.556G	48	5.377G
49	5.532G	50	5.269G	51	5.586G	52	5.626G
53	5.575G	54	5.683G	55	5.542G	56	5.342G
57	5.402G	58	5.391G	59	5.605G	60	5.525G
61	5.624G	62	5.535G	63	5.713G	64	5.571G
65	5.669G	66	5.549G	67	5.254G	68	5.553G
69	5.694G	70	5.651G	71	5.438G	72	5.349G
73	5.611G	74	5.423G	75	5.548G	76	5.398G
77	5.554G	78	5.562G	79	5.297G	80	5.469G
81	5.533G	82	5.307G	83	5.256G	84	5.318G
85	5.324G	86	5.270G	87	5.390G	88	5.280G
89	5.702G	90	5.602G	91	5.520G	92	5.416G
93	5.432G	94	5.510G	95	5.478G	96	5.445G
97	5.608G	98	5.655G	99	5.635G	100	5.394G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.259G	2	5.276G	3	5.480G	4	5.544G
5	5.473G	6	5.381G	7	5.584G	8	5.449G
9	5.362G	10	5.402G	11	5.420G	12	5.580G
13	5.562G	14	5.313G	15	5.367G	16	5.718G
17	5.448G	18	5.456G	19	5.639G	20	5.377G
21	5.715G	22	5.389G	23	5.559G	24	5.472G
25	5.685G	26	5.663G	27	5.292G	28	5.587G
29	5.716G	30	5.270G	31	5.401G	32	5.583G
33	5.460G	34	5.630G	35	5.723G	36	5.445G
37	5.717G	38	5.687G	39	5.691G	40	5.592G
41	5.655G	42	5.332G	43	5.444G	44	5.625G
45	5.379G	46	5.278G	47	5.516G	48	5.447G
49	5.373G	50	5.307G	51	5.344G	52	5.649G
53	5.724G	54	5.409G	55	5.451G	56	5.645G
57	5.680G	58	5.644G	59	5.364G	60	5.557G
61	5.678G	62	5.433G	63	5.603G	64	5.490G
65	5.518G	66	5.618G	67	5.271G	68	5.299G
69	5.412G	70	5.632G	71	5.615G	72	5.262G
73	5.484G	74	5.333G	75	5.503G	76	5.610G
77	5.393G	78	5.261G	79	5.357G	80	5.647G
81	5.414G	82	5.660G	83	5.468G	84	5.569G
85	5.604G	86	5.519G	87	5.289G	88	5.369G
89	5.363G	90	5.710G	91	5.267G	92	5.287G
93	5.273G	94	5.543G	95	5.605G	96	5.250G
97	5.508G	98	5.689G	99	5.314G	100	5.541G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.451G	2	5.350G	3	5.550G	4	5.561G
5	5.347G	6	5.639G	7	5.546G	8	5.669G
9	5.684G	10	5.384G	11	5.374G	12	5.252G
13	5.356G	14	5.428G	15	5.444G	16	5.692G
17	5.524G	18	5.590G	19	5.270G	20	5.696G
21	5.462G	22	5.635G	23	5.512G	24	5.516G
25	5.490G	26	5.555G	27	5.563G	28	5.517G
29	5.582G	30	5.361G	31	5.548G	32	5.411G
33	5.463G	34	5.533G	35	5.446G	36	5.349G
37	5.559G	38	5.603G	39	5.596G	40	5.695G
41	5.578G	42	5.267G	43	5.486G	44	5.488G
45	5.571G	46	5.331G	47	5.600G	48	5.460G
49	5.456G	50	5.644G	51	5.320G	52	5.633G
53	5.388G	54	5.307G	55	5.481G	56	5.285G
57	5.257G	58	5.275G	59	5.564G	60	5.618G
61	5.284G	62	5.487G	63	5.602G	64	5.392G
65	5.553G	66	5.449G	67	5.659G	68	5.511G
69	5.604G	70	5.288G	71	5.619G	72	5.545G
73	5.383G	74	5.632G	75	5.344G	76	5.721G
77	5.259G	78	5.260G	79	5.300G	80	5.683G
81	5.584G	82	5.265G	83	5.290G	84	5.416G
85	5.653G	86	5.496G	87	5.461G	88	5.663G
89	5.410G	90	5.292G	91	5.376G	92	5.302G
93	5.658G	94	5.700G	95	5.485G	96	5.365G
97	5.336G	98	5.422G	99	5.436G	100	5.312G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.564G	2	5.667G	3	5.697G	4	5.284G
5	5.279G	6	5.490G	7	5.708G	8	5.717G
9	5.333G	10	5.675G	11	5.609G	12	5.605G
13	5.593G	14	5.283G	15	5.538G	16	5.689G
17	5.419G	18	5.397G	19	5.251G	20	5.617G
21	5.540G	22	5.261G	23	5.576G	24	5.264G
25	5.536G	26	5.526G	27	5.328G	28	5.428G
29	5.503G	30	5.331G	31	5.669G	32	5.336G
33	5.356G	34	5.505G	35	5.453G	36	5.529G
37	5.722G	38	5.374G	39	5.559G	40	5.626G
41	5.723G	42	5.519G	43	5.286G	44	5.527G
45	5.663G	46	5.468G	47	5.313G	48	5.349G
49	5.450G	50	5.275G	51	5.548G	52	5.720G
53	5.421G	54	5.692G	55	5.323G	56	5.270G
57	5.285G	58	5.522G	59	5.531G	60	5.580G
61	5.409G	62	5.677G	63	5.624G	64	5.546G
65	5.376G	66	5.435G	67	5.648G	68	5.433G
69	5.581G	70	5.513G	71	5.254G	72	5.289G
73	5.482G	74	5.430G	75	5.592G	76	5.634G
77	5.550G	78	5.441G	79	5.303G	80	5.724G
81	5.312G	82	5.318G	83	5.384G	84	5.642G
85	5.637G	86	5.635G	87	5.486G	88	5.500G
89	5.377G	90	5.646G	91	5.461G	92	5.584G
93	5.716G	94	5.498G	95	5.368G	96	5.373G
97	5.478G	98	5.324G	99	5.549G	100	5.322G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.665G	2	5.265G	3	5.377G	4	5.475G
5	5.525G	6	5.549G	7	5.417G	8	5.701G
9	5.429G	10	5.520G	11	5.586G	12	5.562G
13	5.620G	14	5.603G	15	5.530G	16	5.368G
17	5.304G	18	5.343G	19	5.404G	20	5.364G
21	5.609G	22	5.297G	23	5.328G	24	5.394G
25	5.440G	26	5.301G	27	5.568G	28	5.661G
29	5.642G	30	5.340G	31	5.607G	32	5.314G
33	5.629G	34	5.593G	35	5.692G	36	5.337G
37	5.268G	38	5.550G	39	5.302G	40	5.606G
41	5.716G	42	5.596G	43	5.306G	44	5.438G
45	5.389G	46	5.323G	47	5.579G	48	5.315G
49	5.575G	50	5.327G	51	5.536G	52	5.574G
53	5.312G	54	5.564G	55	5.277G	56	5.637G
57	5.680G	58	5.658G	59	5.720G	60	5.649G
61	5.446G	62	5.356G	63	5.705G	64	5.442G
65	5.478G	66	5.555G	67	5.527G	68	5.269G
69	5.420G	70	5.294G	71	5.360G	72	5.577G
73	5.582G	74	5.567G	75	5.401G	76	5.597G
77	5.512G	78	5.608G	79	5.435G	80	5.372G
81	5.510G	82	5.518G	83	5.572G	84	5.528G
85	5.482G	86	5.503G	87	5.409G	88	5.326G
89	5.666G	90	5.479G	91	5.430G	92	5.259G
93	5.644G	94	5.370G	95	5.300G	96	5.646G
97	5.489G	98	5.486G	99	5.618G	100	5.474G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.534G	2	5.292G	3	5.563G	4	5.659G
5	5.462G	6	5.266G	7	5.414G	8	5.443G
9	5.315G	10	5.610G	11	5.585G	12	5.633G
13	5.618G	14	5.418G	15	5.282G	16	5.335G
17	5.430G	18	5.723G	19	5.635G	20	5.493G
21	5.362G	22	5.501G	23	5.672G	24	5.396G
25	5.557G	26	5.332G	27	5.510G	28	5.365G
29	5.599G	30	5.254G	31	5.575G	32	5.601G
33	5.295G	34	5.711G	35	5.666G	36	5.683G
37	5.611G	38	5.596G	39	5.695G	40	5.347G
41	5.590G	42	5.281G	43	5.603G	44	5.465G
45	5.698G	46	5.265G	47	5.431G	48	5.541G
49	5.402G	50	5.615G	51	5.476G	52	5.578G
53	5.394G	54	5.542G	55	5.545G	56	5.673G
57	5.624G	58	5.537G	59	5.681G	60	5.411G
61	5.469G	62	5.579G	63	5.354G	64	5.589G
65	5.320G	66	5.251G	67	5.393G	68	5.383G
69	5.339G	70	5.583G	71	5.268G	72	5.707G
73	5.270G	74	5.352G	75	5.660G	76	5.722G
77	5.662G	78	5.612G	79	5.373G	80	5.299G
81	5.399G	82	5.326G	83	5.667G	84	5.605G
85	5.680G	86	5.441G	87	5.364G	88	5.451G
89	5.710G	90	5.391G	91	5.718G	92	5.631G
93	5.548G	94	5.487G	95	5.523G	96	5.571G
97	5.637G	98	5.363G	99	5.491G	100	5.284G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.657G	2	5.445G	3	5.422G	4	5.362G
5	5.546G	6	5.260G	7	5.415G	8	5.318G
9	5.446G	10	5.356G	11	5.267G	12	5.371G
13	5.368G	14	5.538G	15	5.390G	16	5.280G
17	5.363G	18	5.581G	19	5.637G	20	5.475G
21	5.487G	22	5.295G	23	5.321G	24	5.378G
25	5.679G	26	5.316G	27	5.634G	28	5.319G
29	5.434G	30	5.507G	31	5.485G	32	5.471G
33	5.689G	34	5.429G	35	5.400G	36	5.603G
37	5.488G	38	5.489G	39	5.447G	40	5.514G
41	5.682G	42	5.322G	43	5.576G	44	5.405G
45	5.290G	46	5.360G	47	5.496G	48	5.436G
49	5.606G	50	5.694G	51	5.625G	52	5.575G
53	5.418G	54	5.398G	55	5.668G	56	5.500G
57	5.594G	58	5.262G	59	5.391G	60	5.469G
61	5.577G	62	5.588G	63	5.663G	64	5.616G
65	5.456G	66	5.286G	67	5.591G	68	5.258G
69	5.684G	70	5.661G	71	5.253G	72	5.374G
73	5.520G	74	5.470G	75	5.421G	76	5.570G
77	5.498G	78	5.442G	79	5.385G	80	5.502G
81	5.250G	82	5.672G	83	5.583G	84	5.593G
85	5.373G	86	5.461G	87	5.282G	88	5.571G
89	5.513G	90	5.432G	91	5.525G	92	5.379G
93	5.574G	94	5.512G	95	5.484G	96	5.341G
97	5.540G	98	5.592G	99	5.493G	100	5.636G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.690G	2	5.272G	3	5.643G	4	5.322G
5	5.425G	6	5.320G	7	5.645G	8	5.256G
9	5.422G	10	5.348G	11	5.323G	12	5.355G
13	5.295G	14	5.698G	15	5.661G	16	5.275G
17	5.517G	18	5.578G	19	5.691G	20	5.316G
21	5.424G	22	5.464G	23	5.627G	24	5.680G
25	5.508G	26	5.292G	27	5.671G	28	5.530G
29	5.584G	30	5.263G	31	5.617G	32	5.662G
33	5.488G	34	5.253G	35	5.470G	36	5.288G
37	5.437G	38	5.697G	39	5.404G	40	5.673G
41	5.670G	42	5.571G	43	5.570G	44	5.475G
45	5.641G	46	5.688G	47	5.574G	48	5.682G
49	5.546G	50	5.257G	51	5.519G	52	5.410G
53	5.279G	54	5.383G	55	5.481G	56	5.283G
57	5.577G	58	5.328G	59	5.398G	60	5.506G
61	5.533G	62	5.518G	63	5.668G	64	5.327G
65	5.711G	66	5.567G	67	5.715G	68	5.460G
69	5.687G	70	5.467G	71	5.696G	72	5.666G
73	5.637G	74	5.416G	75	5.636G	76	5.369G
77	5.438G	78	5.624G	79	5.723G	80	5.258G
81	5.493G	82	5.269G	83	5.535G	84	5.524G
85	5.447G	86	5.552G	87	5.541G	88	5.339G
89	5.531G	90	5.374G	91	5.527G	92	5.414G
93	5.469G	94	5.411G	95	5.346G	96	5.407G
97	5.430G	98	5.380G	99	5.657G	100	5.705G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.586G	2	5.483G	3	5.522G	4	5.549G
5	5.439G	6	5.639G	7	5.383G	8	5.340G
9	5.351G	10	5.365G	11	5.566G	12	5.564G
13	5.420G	14	5.709G	15	5.575G	16	5.671G
17	5.359G	18	5.275G	19	5.574G	20	5.375G
21	5.550G	22	5.272G	23	5.518G	24	5.286G
25	5.688G	26	5.666G	27	5.616G	28	5.589G
29	5.284G	30	5.486G	31	5.458G	32	5.493G
33	5.416G	34	5.384G	35	5.611G	36	5.250G
37	5.294G	38	5.613G	39	5.441G	40	5.557G
41	5.347G	42	5.372G	43	5.440G	44	5.482G
45	5.362G	46	5.386G	47	5.717G	48	5.346G
49	5.514G	50	5.503G	51	5.421G	52	5.268G
53	5.460G	54	5.571G	55	5.580G	56	5.279G
57	5.702G	58	5.317G	59	5.630G	60	5.721G
61	5.253G	62	5.692G	63	5.319G	64	5.664G
65	5.590G	66	5.358G	67	5.500G	68	5.652G
69	5.395G	70	5.484G	71	5.262G	72	5.597G
73	5.535G	74	5.276G	75	5.406G	76	5.473G
77	5.644G	78	5.454G	79	5.480G	80	5.673G
81	5.537G	82	5.408G	83	5.660G	84	5.698G
85	5.695G	86	5.331G	87	5.417G	88	5.601G
89	5.418G	90	5.521G	91	5.288G	92	5.531G
93	5.568G	94	5.687G	95	5.261G	96	5.269G
97	5.560G	98	5.345G	99	5.540G	100	5.448G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.273G	2	5.571G	3	5.416G	4	5.677G
5	5.392G	6	5.622G	7	5.483G	8	5.281G
9	5.644G	10	5.663G	11	5.294G	12	5.370G
13	5.520G	14	5.317G	15	5.381G	16	5.342G
17	5.572G	18	5.467G	19	5.669G	20	5.548G
21	5.547G	22	5.675G	23	5.263G	24	5.562G
25	5.376G	26	5.482G	27	5.706G	28	5.625G
29	5.578G	30	5.315G	31	5.476G	32	5.535G
33	5.394G	34	5.511G	35	5.529G	36	5.585G
37	5.472G	38	5.258G	39	5.525G	40	5.495G
41	5.366G	42	5.326G	43	5.709G	44	5.474G
45	5.693G	46	5.561G	47	5.305G	48	5.350G
49	5.377G	50	5.300G	51	5.701G	52	5.274G
53	5.389G	54	5.722G	55	5.649G	56	5.362G
57	5.553G	58	5.568G	59	5.346G	60	5.501G
61	5.302G	62	5.470G	63	5.602G	64	5.340G
65	5.508G	66	5.506G	67	5.599G	68	5.551G
69	5.446G	70	5.360G	71	5.295G	72	5.371G
73	5.269G	74	5.650G	75	5.437G	76	5.404G
77	5.712G	78	5.412G	79	5.267G	80	5.399G
81	5.666G	82	5.664G	83	5.461G	84	5.494G
85	5.545G	86	5.512G	87	5.314G	88	5.641G
89	5.298G	90	5.555G	91	5.372G	92	5.393G
93	5.630G	94	5.605G	95	5.374G	96	5.264G
97	5.541G	98	5.430G	99	5.544G	100	5.574G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.520G	2	5.494G	3	5.595G	4	5.497G
5	5.605G	6	5.576G	7	5.532G	8	5.668G
9	5.371G	10	5.719G	11	5.519G	12	5.650G
13	5.480G	14	5.514G	15	5.392G	16	5.499G
17	5.511G	18	5.636G	19	5.556G	20	5.581G
21	5.667G	22	5.459G	23	5.533G	24	5.318G
25	5.417G	26	5.527G	27	5.526G	28	5.308G
29	5.398G	30	5.333G	31	5.266G	32	5.442G
33	5.531G	34	5.364G	35	5.496G	36	5.255G
37	5.450G	38	5.653G	39	5.328G	40	5.397G
41	5.656G	42	5.513G	43	5.493G	44	5.709G
45	5.659G	46	5.562G	47	5.516G	48	5.265G
49	5.488G	50	5.259G	51	5.546G	52	5.553G
53	5.410G	54	5.306G	55	5.626G	56	5.708G
57	5.698G	58	5.537G	59	5.273G	60	5.720G
61	5.551G	62	5.465G	63	5.261G	64	5.687G
65	5.489G	66	5.427G	67	5.373G	68	5.673G
69	5.492G	70	5.575G	71	5.264G	72	5.671G
73	5.495G	74	5.472G	75	5.607G	76	5.454G
77	5.541G	78	5.685G	79	5.367G	80	5.324G
81	5.343G	82	5.577G	83	5.557G	84	5.625G
85	5.665G	86	5.570G	87	5.714G	88	5.680G
89	5.476G	90	5.549G	91	5.585G	92	5.515G
93	5.285G	94	5.547G	95	5.712G	96	5.679G
97	5.584G	98	5.423G	99	5.258G	100	5.400G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.556G	2	5.694G	3	5.563G	4	5.417G
5	5.654G	6	5.535G	7	5.327G	8	5.390G
9	5.306G	10	5.273G	11	5.323G	12	5.548G
13	5.568G	14	5.669G	15	5.454G	16	5.526G
17	5.418G	18	5.402G	19	5.451G	20	5.571G
21	5.706G	22	5.698G	23	5.464G	24	5.388G
25	5.265G	26	5.537G	27	5.629G	28	5.705G
29	5.519G	30	5.410G	31	5.258G	32	5.433G
33	5.550G	34	5.632G	35	5.403G	36	5.264G
37	5.679G	38	5.643G	39	5.336G	40	5.399G
41	5.278G	42	5.333G	43	5.499G	44	5.671G
45	5.488G	46	5.597G	47	5.512G	48	5.461G
49	5.559G	50	5.494G	51	5.363G	52	5.587G
53	5.673G	54	5.300G	55	5.271G	56	5.267G
57	5.365G	58	5.541G	59	5.295G	60	5.445G
61	5.585G	62	5.369G	63	5.490G	64	5.482G
65	5.714G	66	5.678G	67	5.347G	68	5.313G
69	5.396G	70	5.289G	71	5.355G	72	5.557G
73	5.375G	74	5.561G	75	5.525G	76	5.337G
77	5.406G	78	5.518G	79	5.455G	80	5.509G
81	5.675G	82	5.314G	83	5.685G	84	5.286G
85	5.661G	86	5.424G	87	5.657G	88	5.449G
89	5.545G	90	5.598G	91	5.546G	92	5.613G
93	5.506G	94	5.594G	95	5.389G	96	5.428G
97	5.263G	98	5.683G	99	5.316G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.609G	2	5.276G	3	5.564G	4	5.274G
5	5.608G	6	5.702G	7	5.384G	8	5.682G
9	5.262G	10	5.578G	11	5.616G	12	5.394G
13	5.512G	14	5.272G	15	5.295G	16	5.267G
17	5.646G	18	5.433G	19	5.279G	20	5.549G
21	5.379G	22	5.555G	23	5.343G	24	5.579G
25	5.373G	26	5.691G	27	5.393G	28	5.411G
29	5.681G	30	5.496G	31	5.268G	32	5.462G
33	5.663G	34	5.331G	35	5.613G	36	5.317G
37	5.309G	38	5.265G	39	5.675G	40	5.413G
41	5.704G	42	5.374G	43	5.269G	44	5.418G
45	5.718G	46	5.591G	47	5.415G	48	5.429G
49	5.554G	50	5.618G	51	5.539G	52	5.460G
53	5.694G	54	5.505G	55	5.275G	56	5.305G
57	5.648G	58	5.493G	59	5.676G	60	5.345G
61	5.479G	62	5.660G	63	5.283G	64	5.542G
65	5.673G	66	5.458G	67	5.528G	68	5.444G
69	5.353G	70	5.380G	71	5.705G	72	5.324G
73	5.638G	74	5.508G	75	5.547G	76	5.713G
77	5.716G	78	5.511G	79	5.260G	80	5.626G
81	5.722G	82	5.665G	83	5.261G	84	5.428G
85	5.690G	86	5.552G	87	5.625G	88	5.450G
89	5.321G	90	5.622G	91	5.703G	92	5.255G
93	5.378G	94	5.404G	95	5.550G	96	5.620G
97	5.416G	98	5.607G	99	5.465G	100	5.536G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.383G	2	5.263G	3	5.317G	4	5.609G
5	5.341G	6	5.578G	7	5.370G	8	5.531G
9	5.410G	10	5.582G	11	5.560G	12	5.603G
13	5.260G	14	5.351G	15	5.608G	16	5.488G
17	5.712G	18	5.554G	19	5.284G	20	5.304G
21	5.375G	22	5.535G	23	5.315G	24	5.596G
25	5.287G	26	5.431G	27	5.435G	28	5.617G
29	5.711G	30	5.462G	31	5.400G	32	5.347G
33	5.272G	34	5.394G	35	5.482G	36	5.398G
37	5.250G	38	5.553G	39	5.360G	40	5.358G
41	5.314G	42	5.393G	43	5.600G	44	5.293G
45	5.466G	46	5.513G	47	5.300G	48	5.348G
49	5.402G	50	5.528G	51	5.703G	52	5.555G
53	5.566G	54	5.332G	55	5.445G	56	5.504G
57	5.421G	58	5.340G	59	5.607G	60	5.595G
61	5.511G	62	5.658G	63	5.677G	64	5.288G
65	5.430G	66	5.526G	67	5.270G	68	5.698G
69	5.721G	70	5.459G	71	5.693G	72	5.385G
73	5.295G	74	5.327G	75	5.662G	76	5.567G
77	5.695G	78	5.672G	79	5.255G	80	5.594G
81	5.706G	82	5.275G	83	5.252G	84	5.319G
85	5.338G	86	5.626G	87	5.397G	88	5.409G
89	5.434G	90	5.376G	91	5.665G	92	5.312G
93	5.267G	94	5.611G	95	5.684G	96	5.306G
97	5.395G	98	5.585G	99	5.405G	100	5.473G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.339G	2	5.627G	3	5.623G	4	5.398G
5	5.614G	6	5.351G	7	5.465G	8	5.391G
9	5.304G	10	5.694G	11	5.547G	12	5.454G
13	5.473G	14	5.668G	15	5.722G	16	5.482G
17	5.568G	18	5.612G	19	5.524G	20	5.500G
21	5.413G	22	5.394G	23	5.305G	24	5.617G
25	5.675G	26	5.608G	27	5.673G	28	5.580G
29	5.690G	30	5.674G	31	5.379G	32	5.405G
33	5.402G	34	5.320G	35	5.605G	36	5.595G
37	5.418G	38	5.489G	39	5.639G	40	5.517G
41	5.294G	42	5.457G	43	5.470G	44	5.291G
45	5.343G	46	5.466G	47	5.523G	48	5.642G
49	5.303G	50	5.354G	51	5.503G	52	5.267G
53	5.546G	54	5.301G	55	5.345G	56	5.606G
57	5.392G	58	5.530G	59	5.349G	60	5.669G
61	5.548G	62	5.560G	63	5.680G	64	5.676G
65	5.355G	66	5.626G	67	5.326G	68	5.618G
69	5.336G	70	5.390G	71	5.505G	72	5.386G
73	5.688G	74	5.260G	75	5.716G	76	5.265G
77	5.455G	78	5.493G	79	5.499G	80	5.322G
81	5.450G	82	5.592G	83	5.564G	84	5.467G
85	5.537G	86	5.670G	87	5.610G	88	5.684G
89	5.250G	90	5.258G	91	5.491G	92	5.515G
93	5.373G	94	5.624G	95	5.540G	96	5.416G
97	5.314G	98	5.620G	99	5.681G	100	5.366G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.426G	2	5.305G	3	5.342G	4	5.556G
5	5.299G	6	5.633G	7	5.443G	8	5.627G
9	5.312G	10	5.437G	11	5.425G	12	5.682G
13	5.528G	14	5.366G	15	5.410G	16	5.354G
17	5.300G	18	5.636G	19	5.503G	20	5.701G
21	5.683G	22	5.567G	23	5.362G	24	5.551G
25	5.265G	26	5.610G	27	5.666G	28	5.442G
29	5.476G	30	5.318G	31	5.376G	32	5.341G
33	5.662G	34	5.306G	35	5.382G	36	5.276G
37	5.486G	38	5.317G	39	5.628G	40	5.594G
41	5.252G	42	5.377G	43	5.601G	44	5.260G
45	5.390G	46	5.560G	47	5.412G	48	5.650G
49	5.523G	50	5.681G	51	5.576G	52	5.714G
53	5.549G	54	5.285G	55	5.552G	56	5.327G
57	5.592G	58	5.361G	59	5.407G	60	5.623G
61	5.392G	62	5.606G	63	5.507G	64	5.473G
65	5.693G	66	5.309G	67	5.411G	68	5.435G
69	5.596G	70	5.297G	71	5.271G	72	5.527G
73	5.485G	74	5.516G	75	5.352G	76	5.468G
77	5.251G	78	5.416G	79	5.512G	80	5.694G
81	5.269G	82	5.369G	83	5.462G	84	5.431G
85	5.351G	86	5.690G	87	5.716G	88	5.314G
89	5.291G	90	5.438G	91	5.648G	92	5.345G
93	5.469G	94	5.698G	95	5.396G	96	5.720G
97	5.675G	98	5.686G	99	5.700G	100	5.640G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.705G	3	5.622G	4	5.563G
5	5.662G	6	5.689G	7	5.298G	8	5.312G
9	5.462G	10	5.305G	11	5.510G	12	5.544G
13	5.507G	14	5.700G	15	5.428G	16	5.701G
17	5.610G	18	5.534G	19	5.303G	20	5.439G
21	5.301G	22	5.550G	23	5.375G	24	5.437G
25	5.489G	26	5.403G	27	5.332G	28	5.430G
29	5.319G	30	5.608G	31	5.293G	32	5.650G
33	5.633G	34	5.443G	35	5.416G	36	5.385G
37	5.530G	38	5.423G	39	5.431G	40	5.377G
41	5.587G	42	5.287G	43	5.334G	44	5.397G
45	5.256G	46	5.581G	47	5.722G	48	5.320G
49	5.442G	50	5.386G	51	5.405G	52	5.666G
53	5.458G	54	5.710G	55	5.538G	56	5.402G
57	5.721G	58	5.593G	59	5.529G	60	5.635G
61	5.389G	62	5.545G	63	5.614G	64	5.520G
65	5.591G	66	5.618G	67	5.657G	68	5.639G
69	5.626G	70	5.675G	71	5.712G	72	5.570G
73	5.494G	74	5.621G	75	5.413G	76	5.473G
77	5.652G	78	5.418G	79	5.630G	80	5.454G
81	5.260G	82	5.703G	83	5.433G	84	5.595G
85	5.307G	86	5.603G	87	5.464G	88	5.456G
89	5.601G	90	5.333G	91	5.546G	92	5.532G
93	5.555G	94	5.291G	95	5.558G	96	5.598G
97	5.493G	98	5.250G	99	5.308G	100	5.658G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.597G	2	5.363G	3	5.454G	4	5.523G
5	5.445G	6	5.461G	7	5.702G	8	5.475G
9	5.402G	10	5.337G	11	5.449G	12	5.381G
13	5.365G	14	5.252G	15	5.251G	16	5.709G
17	5.472G	18	5.511G	19	5.591G	20	5.558G
21	5.364G	22	5.355G	23	5.458G	24	5.532G
25	5.497G	26	5.386G	27	5.505G	28	5.540G
29	5.696G	30	5.367G	31	5.705G	32	5.572G
33	5.722G	34	5.417G	35	5.699G	36	5.555G
37	5.471G	38	5.542G	39	5.415G	40	5.446G
41	5.653G	42	5.492G	43	5.393G	44	5.640G
45	5.319G	46	5.283G	47	5.501G	48	5.664G
49	5.297G	50	5.372G	51	5.423G	52	5.389G
53	5.559G	54	5.703G	55	5.299G	56	5.686G
57	5.707G	58	5.318G	59	5.539G	60	5.397G
61	5.671G	62	5.613G	63	5.586G	64	5.303G
65	5.371G	66	5.383G	67	5.667G	68	5.660G
69	5.476G	70	5.440G	71	5.623G	72	5.323G
73	5.708G	74	5.270G	75	5.399G	76	5.479G
77	5.683G	78	5.618G	79	5.551G	80	5.692G
81	5.345G	82	5.380G	83	5.370G	84	5.327G
85	5.403G	86	5.301G	87	5.678G	88	5.694G
89	5.582G	90	5.502G	91	5.621G	92	5.601G
93	5.391G	94	5.447G	95	5.300G	96	5.525G
97	5.658G	98	5.419G	99	5.503G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.601G	2	5.303G	3	5.438G	4	5.407G
5	5.336G	6	5.434G	7	5.636G	8	5.597G
9	5.690G	10	5.581G	11	5.376G	12	5.412G
13	5.531G	14	5.408G	15	5.654G	16	5.564G
17	5.722G	18	5.341G	19	5.461G	20	5.575G
21	5.304G	22	5.457G	23	5.406G	24	5.309G
25	5.289G	26	5.635G	27	5.298G	28	5.478G
29	5.615G	30	5.279G	31	5.559G	32	5.428G
33	5.545G	34	5.268G	35	5.691G	36	5.715G
37	5.319G	38	5.510G	39	5.333G	40	5.664G
41	5.697G	42	5.549G	43	5.561G	44	5.365G
45	5.644G	46	5.588G	47	5.320G	48	5.450G
49	5.556G	50	5.475G	51	5.477G	52	5.516G
53	5.312G	54	5.328G	55	5.692G	56	5.318G
57	5.260G	58	5.315G	59	5.470G	60	5.590G
61	5.640G	62	5.286G	63	5.628G	64	5.593G
65	5.616G	66	5.325G	67	5.270G	68	5.252G
69	5.674G	70	5.503G	71	5.567G	72	5.502G
73	5.570G	74	5.385G	75	5.686G	76	5.300G
77	5.509G	78	5.364G	79	5.527G	80	5.618G
81	5.497G	82	5.255G	83	5.543G	84	5.586G
85	5.553G	86	5.532G	87	5.661G	88	5.591G
89	5.493G	90	5.258G	91	5.410G	92	5.427G
93	5.471G	94	5.642G	95	5.562G	96	5.272G
97	5.677G	98	5.512G	99	5.647G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.538G	2	5.462G	3	5.393G	4	5.698G
5	5.674G	6	5.510G	7	5.659G	8	5.426G
9	5.336G	10	5.352G	11	5.471G	12	5.639G
13	5.715G	14	5.685G	15	5.579G	16	5.281G
17	5.634G	18	5.653G	19	5.442G	20	5.476G
21	5.501G	22	5.377G	23	5.509G	24	5.294G
25	5.521G	26	5.381G	27	5.387G	28	5.332G
29	5.266G	30	5.431G	31	5.427G	32	5.465G
33	5.658G	34	5.359G	35	5.656G	36	5.348G
37	5.593G	38	5.497G	39	5.392G	40	5.459G
41	5.473G	42	5.640G	43	5.464G	44	5.689G
45	5.435G	46	5.532G	47	5.542G	48	5.373G
49	5.335G	50	5.361G	51	5.584G	52	5.273G
53	5.252G	54	5.416G	55	5.438G	56	5.574G
57	5.539G	58	5.470G	59	5.371G	60	5.617G
61	5.364G	62	5.279G	63	5.657G	64	5.317G
65	5.517G	66	5.363G	67	5.683G	68	5.506G
69	5.422G	70	5.710G	71	5.264G	72	5.598G
73	5.697G	74	5.297G	75	5.472G	76	5.511G
77	5.628G	78	5.278G	79	5.515G	80	5.535G
81	5.519G	82	5.492G	83	5.334G	84	5.405G
85	5.608G	86	5.272G	87	5.261G	88	5.502G
89	5.705G	90	5.495G	91	5.529G	92	5.711G
93	5.516G	94	5.537G	95	5.666G	96	5.399G
97	5.597G	98	5.563G	99	5.677G	100	5.546G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.276G	3	5.570G	4	5.334G
5	5.490G	6	5.723G	7	5.619G	8	5.724G
9	5.566G	10	5.616G	11	5.367G	12	5.432G
13	5.600G	14	5.527G	15	5.383G	16	5.299G
17	5.613G	18	5.593G	19	5.459G	20	5.376G
21	5.278G	22	5.647G	23	5.390G	24	5.493G
25	5.320G	26	5.412G	27	5.255G	28	5.344G
29	5.651G	30	5.252G	31	5.308G	32	5.460G
33	5.631G	34	5.573G	35	5.603G	36	5.717G
37	5.501G	38	5.545G	39	5.579G	40	5.374G
41	5.499G	42	5.655G	43	5.431G	44	5.379G
45	5.689G	46	5.513G	47	5.447G	48	5.498G
49	5.664G	50	5.471G	51	5.294G	52	5.467G
53	5.250G	54	5.406G	55	5.718G	56	5.699G
57	5.585G	58	5.533G	59	5.568G	60	5.713G
61	5.549G	62	5.327G	63	5.645G	64	5.649G
65	5.506G	66	5.661G	67	5.512G	68	5.378G
69	5.457G	70	5.396G	71	5.700G	72	5.353G
73	5.597G	74	5.426G	75	5.659G	76	5.430G
77	5.256G	78	5.421G	79	5.640G	80	5.594G
81	5.450G	82	5.672G	83	5.267G	84	5.644G
85	5.519G	86	5.615G	87	5.609G	88	5.522G
89	5.332G	90	5.339G	91	5.440G	92	5.263G
93	5.315G	94	5.388G	95	5.494G	96	5.529G
97	5.372G	98	5.607G	99	5.394G	100	5.393G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.510G	2	5.379G	3	5.279G	4	5.578G
5	5.262G	6	5.345G	7	5.658G	8	5.596G
9	5.704G	10	5.514G	11	5.599G	12	5.455G
13	5.418G	14	5.630G	15	5.317G	16	5.653G
17	5.550G	18	5.680G	19	5.644G	20	5.257G
21	5.340G	22	5.701G	23	5.620G	24	5.336G
25	5.465G	26	5.580G	27	5.356G	28	5.524G
29	5.696G	30	5.613G	31	5.309G	32	5.349G
33	5.583G	34	5.353G	35	5.615G	36	5.431G
37	5.603G	38	5.529G	39	5.267G	40	5.283G
41	5.662G	42	5.280G	43	5.426G	44	5.452G
45	5.401G	46	5.252G	47	5.307G	48	5.324G
49	5.697G	50	5.569G	51	5.435G	52	5.628G
53	5.433G	54	5.612G	55	5.651G	56	5.429G
57	5.570G	58	5.714G	59	5.326G	60	5.320G
61	5.685G	62	5.298G	63	5.709G	64	5.341G
65	5.372G	66	5.394G	67	5.614G	68	5.430G
69	5.565G	70	5.346G	71	5.377G	72	5.597G
73	5.312G	74	5.667G	75	5.376G	76	5.531G
77	5.528G	78	5.639G	79	5.571G	80	5.365G
81	5.285G	82	5.383G	83	5.573G	84	5.542G
85	5.475G	86	5.638G	87	5.284G	88	5.328G
89	5.537G	90	5.623G	91	5.516G	92	5.496G
93	5.611G	94	5.646G	95	5.406G	96	5.590G
97	5.444G	98	5.677G	99	5.595G	100	5.627G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.317G	2	5.481G	3	5.673G	4	5.604G
5	5.315G	6	5.704G	7	5.431G	8	5.374G
9	5.348G	10	5.684G	11	5.362G	12	5.644G
13	5.670G	14	5.515G	15	5.468G	16	5.273G
17	5.487G	18	5.664G	19	5.589G	20	5.255G
21	5.467G	22	5.279G	23	5.354G	24	5.259G
25	5.537G	26	5.376G	27	5.639G	28	5.642G
29	5.716G	30	5.601G	31	5.342G	32	5.466G
33	5.671G	34	5.458G	35	5.407G	36	5.258G
37	5.288G	38	5.643G	39	5.633G	40	5.401G
41	5.384G	42	5.450G	43	5.427G	44	5.262G
45	5.660G	46	5.675G	47	5.680G	48	5.393G
49	5.462G	50	5.688G	51	5.366G	52	5.539G
53	5.377G	54	5.652G	55	5.542G	56	5.525G
57	5.721G	58	5.560G	59	5.416G	60	5.296G
61	5.424G	62	5.292G	63	5.557G	64	5.532G
65	5.300G	66	5.705G	67	5.476G	68	5.274G
69	5.566G	70	5.443G	71	5.276G	72	5.268G
73	5.627G	74	5.531G	75	5.442G	76	5.372G
77	5.390G	78	5.477G	79	5.257G	80	5.394G
81	5.417G	82	5.460G	83	5.459G	84	5.445G
85	5.339G	86	5.343G	87	5.289G	88	5.448G
89	5.260G	90	5.320G	91	5.535G	92	5.282G
93	5.341G	94	5.486G	95	5.561G	96	5.571G
97	5.324G	98	5.521G	99	5.293G	100	5.628G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.724G	2	5.480G	3	5.635G	4	5.581G
5	5.401G	6	5.708G	7	5.578G	8	5.369G
9	5.410G	10	5.373G	11	5.407G	12	5.294G
13	5.406G	14	5.488G	15	5.444G	16	5.447G
17	5.596G	18	5.374G	19	5.359G	20	5.384G
21	5.438G	22	5.448G	23	5.599G	24	5.553G
25	5.694G	26	5.356G	27	5.683G	28	5.337G
29	5.551G	30	5.431G	31	5.275G	32	5.442G
33	5.668G	34	5.692G	35	5.660G	36	5.290G
37	5.306G	38	5.589G	39	5.365G	40	5.450G
41	5.461G	42	5.347G	43	5.321G	44	5.409G
45	5.395G	46	5.443G	47	5.647G	48	5.537G
49	5.316G	50	5.317G	51	5.545G	52	5.534G
53	5.427G	54	5.305G	55	5.714G	56	5.669G
57	5.662G	58	5.583G	59	5.573G	60	5.495G
61	5.605G	62	5.265G	63	5.376G	64	5.543G
65	5.255G	66	5.429G	67	5.538G	68	5.616G
69	5.364G	70	5.687G	71	5.428G	72	5.502G
73	5.300G	74	5.641G	75	5.439G	76	5.609G
77	5.710G	78	5.656G	79	5.324G	80	5.579G
81	5.357G	82	5.517G	83	5.463G	84	5.387G
85	5.645G	86	5.422G	87	5.385G	88	5.483G
89	5.350G	90	5.532G	91	5.521G	92	5.476G
93	5.498G	94	5.673G	95	5.651G	96	5.478G
97	5.709G	98	5.280G	99	5.713G	100	5.539G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.427G	2	5.556G	3	5.468G	4	5.721G
5	5.317G	6	5.326G	7	5.575G	8	5.597G
9	5.525G	10	5.363G	11	5.530G	12	5.324G
13	5.720G	14	5.516G	15	5.626G	16	5.579G
17	5.414G	18	5.633G	19	5.379G	20	5.614G
21	5.460G	22	5.523G	23	5.344G	24	5.514G
25	5.349G	26	5.677G	27	5.407G	28	5.345G
29	5.501G	30	5.629G	31	5.335G	32	5.528G
33	5.456G	34	5.280G	35	5.398G	36	5.653G
37	5.642G	38	5.303G	39	5.560G	40	5.562G
41	5.481G	42	5.552G	43	5.664G	44	5.252G
45	5.418G	46	5.496G	47	5.708G	48	5.636G
49	5.553G	50	5.529G	51	5.578G	52	5.448G
53	5.541G	54	5.487G	55	5.641G	56	5.359G
57	5.518G	58	5.506G	59	5.459G	60	5.682G
61	5.500G	62	5.275G	63	5.422G	64	5.478G
65	5.691G	66	5.542G	67	5.493G	68	5.510G
69	5.724G	70	5.301G	71	5.430G	72	5.262G
73	5.488G	74	5.526G	75	5.674G	76	5.314G
77	5.533G	78	5.670G	79	5.573G	80	5.705G
81	5.378G	82	5.356G	83	5.323G	84	5.384G
85	5.599G	86	5.417G	87	5.327G	88	5.656G
89	5.358G	90	5.381G	91	5.702G	92	5.397G
93	5.424G	94	5.690G	95	5.308G	96	5.271G
97	5.521G	98	5.604G	99	5.370G	100	5.607G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.304G	2	5.349G	3	5.602G	4	5.484G
5	5.337G	6	5.520G	7	5.617G	8	5.518G
9	5.425G	10	5.567G	11	5.404G	12	5.469G
13	5.350G	14	5.374G	15	5.436G	16	5.611G
17	5.665G	18	5.621G	19	5.559G	20	5.368G
21	5.361G	22	5.401G	23	5.256G	24	5.625G
25	5.676G	26	5.472G	27	5.369G	28	5.516G
29	5.596G	30	5.448G	31	5.388G	32	5.605G
33	5.535G	34	5.706G	35	5.697G	36	5.435G
37	5.351G	38	5.614G	39	5.509G	40	5.685G
41	5.600G	42	5.572G	43	5.442G	44	5.540G
45	5.503G	46	5.537G	47	5.395G	48	5.445G
49	5.355G	50	5.568G	51	5.323G	52	5.698G
53	5.416G	54	5.566G	55	5.276G	56	5.682G
57	5.270G	58	5.551G	59	5.297G	60	5.620G
61	5.679G	62	5.576G	63	5.571G	64	5.610G
65	5.348G	66	5.683G	67	5.681G	68	5.632G
69	5.413G	70	5.437G	71	5.293G	72	5.451G
73	5.302G	74	5.482G	75	5.465G	76	5.631G
77	5.480G	78	5.458G	79	5.275G	80	5.724G
81	5.669G	82	5.536G	83	5.252G	84	5.456G
85	5.338G	86	5.507G	87	5.668G	88	5.667G
89	5.497G	90	5.380G	91	5.608G	92	5.428G
93	5.475G	94	5.577G	95	5.269G	96	5.267G
97	5.314G	98	5.642G	99	5.588G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.466G	2	5.467G	3	5.322G	4	5.393G
5	5.380G	6	5.615G	7	5.532G	8	5.523G
9	5.385G	10	5.701G	11	5.703G	12	5.449G
13	5.312G	14	5.527G	15	5.433G	16	5.302G
17	5.453G	18	5.284G	19	5.524G	20	5.624G
21	5.543G	22	5.459G	23	5.400G	24	5.417G
25	5.540G	26	5.584G	27	5.424G	28	5.702G
29	5.518G	30	5.317G	31	5.662G	32	5.593G
33	5.655G	34	5.480G	35	5.637G	36	5.651G
37	5.677G	38	5.431G	39	5.486G	40	5.690G
41	5.609G	42	5.642G	43	5.378G	44	5.552G
45	5.358G	46	5.403G	47	5.649G	48	5.568G
49	5.531G	50	5.529G	51	5.456G	52	5.266G
53	5.276G	54	5.294G	55	5.699G	56	5.657G
57	5.438G	58	5.494G	59	5.340G	60	5.598G
61	5.604G	62	5.669G	63	5.571G	64	5.469G
65	5.587G	66	5.553G	67	5.714G	68	5.307G
69	5.645G	70	5.656G	71	5.723G	72	5.675G
73	5.277G	74	5.563G	75	5.697G	76	5.297G
77	5.623G	78	5.362G	79	5.381G	80	5.395G
81	5.528G	82	5.289G	83	5.397G	84	5.606G
85	5.686G	86	5.483G	87	5.479G	88	5.663G
89	5.262G	90	5.286G	91	5.446G	92	5.331G
93	5.620G	94	5.435G	95	5.436G	96	5.352G
97	5.511G	98	5.718G	99	5.547G	100	5.404G

IEEE 802.11N 40MHz

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.327G	2	5.563G	3	5.277G	4	5.446G
5	5.288G	6	5.250G	7	5.260G	8	5.521G
9	5.621G	10	5.297G	11	5.543G	12	5.467G
13	5.338G	14	5.528G	15	5.257G	16	5.448G
17	5.534G	18	5.391G	19	5.254G	20	5.703G
21	5.379G	22	5.387G	23	5.479G	24	5.718G
25	5.497G	26	5.427G	27	5.524G	28	5.433G
29	5.609G	30	5.298G	31	5.323G	32	5.471G
33	5.502G	34	5.581G	35	5.475G	36	5.566G
37	5.692G	38	5.663G	39	5.334G	40	5.345G
41	5.492G	42	5.395G	43	5.317G	44	5.579G
45	5.514G	46	5.373G	47	5.388G	48	5.511G
49	5.319G	50	5.382G	51	5.600G	52	5.693G
53	5.495G	54	5.712G	55	5.572G	56	5.474G
57	5.393G	58	5.459G	59	5.343G	60	5.408G
61	5.618G	62	5.678G	63	5.576G	64	5.441G
65	5.300G	66	5.290G	67	5.377G	68	5.523G
69	5.438G	70	5.406G	71	5.540G	72	5.558G
73	5.486G	74	5.535G	75	5.462G	76	5.347G
77	5.350G	78	5.626G	79	5.294G	80	5.468G
81	5.644G	82	5.299G	83	5.548G	84	5.420G
85	5.303G	86	5.565G	87	5.276G	88	5.261G
89	5.498G	90	5.439G	91	5.454G	92	5.282G
93	5.291G	94	5.268G	95	5.567G	96	5.607G
97	5.413G	98	5.424G	99	5.513G	100	5.724G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.697G	2	5.638G	3	5.713G	4	5.673G
5	5.407G	6	5.626G	7	5.480G	8	5.662G
9	5.659G	10	5.347G	11	5.472G	12	5.260G
13	5.572G	14	5.255G	15	5.704G	16	5.603G
17	5.418G	18	5.482G	19	5.479G	20	5.669G
21	5.601G	22	5.433G	23	5.271G	24	5.641G
25	5.537G	26	5.671G	27	5.305G	28	5.313G
29	5.655G	30	5.329G	31	5.362G	32	5.712G
33	5.377G	34	5.357G	35	5.606G	36	5.397G
37	5.358G	38	5.674G	39	5.333G	40	5.511G
41	5.425G	42	5.491G	43	5.668G	44	5.675G
45	5.700G	46	5.359G	47	5.338G	48	5.551G
49	5.681G	50	5.624G	51	5.677G	52	5.522G
53	5.323G	54	5.297G	55	5.432G	56	5.254G
57	5.705G	58	5.578G	59	5.352G	60	5.538G
61	5.714G	62	5.695G	63	5.597G	64	5.379G
65	5.257G	66	5.652G	67	5.327G	68	5.376G
69	5.459G	70	5.497G	71	5.449G	72	5.301G
73	5.365G	74	5.439G	75	5.663G	76	5.251G
77	5.291G	78	5.293G	79	5.416G	80	5.422G
81	5.559G	82	5.724G	83	5.689G	84	5.335G
85	5.441G	86	5.542G	87	5.711G	88	5.608G
89	5.451G	90	5.553G	91	5.250G	92	5.499G
93	5.388G	94	5.368G	95	5.318G	96	5.694G
97	5.258G	98	5.691G	99	5.637G	100	5.288G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.663G	2	5.666G	3	5.679G	4	5.545G
5	5.533G	6	5.701G	7	5.398G	8	5.480G
9	5.604G	10	5.503G	11	5.617G	12	5.693G
13	5.292G	14	5.337G	15	5.690G	16	5.283G
17	5.485G	18	5.562G	19	5.264G	20	5.421G
21	5.355G	22	5.369G	23	5.623G	24	5.590G
25	5.426G	26	5.310G	27	5.410G	28	5.609G
29	5.268G	30	5.467G	31	5.674G	32	5.286G
33	5.452G	34	5.664G	35	5.339G	36	5.275G
37	5.492G	38	5.451G	39	5.511G	40	5.304G
41	5.550G	42	5.560G	43	5.683G	44	5.697G
45	5.521G	46	5.614G	47	5.371G	48	5.603G
49	5.722G	50	5.601G	51	5.423G	52	5.602G
53	5.724G	54	5.542G	55	5.360G	56	5.529G
57	5.522G	58	5.489G	59	5.351G	60	5.658G
61	5.595G	62	5.260G	63	5.431G	64	5.491G
65	5.524G	66	5.648G	67	5.627G	68	5.611G
69	5.478G	70	5.705G	71	5.386G	72	5.684G
73	5.632G	74	5.352G	75	5.362G	76	5.635G
77	5.306G	78	5.681G	79	5.579G	80	5.274G
81	5.374G	82	5.610G	83	5.633G	84	5.713G
85	5.528G	86	5.468G	87	5.510G	88	5.508G
89	5.413G	90	5.575G	91	5.307G	92	5.399G
93	5.509G	94	5.382G	95	5.479G	96	5.600G
97	5.665G	98	5.440G	99	5.347G	100	5.303G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.525G	2	5.576G	3	5.274G	4	5.473G
5	5.304G	6	5.572G	7	5.630G	8	5.643G
9	5.369G	10	5.612G	11	5.514G	12	5.515G
13	5.385G	14	5.690G	15	5.577G	16	5.438G
17	5.518G	18	5.673G	19	5.396G	20	5.679G
21	5.404G	22	5.472G	23	5.311G	24	5.608G
25	5.652G	26	5.253G	27	5.662G	28	5.513G
29	5.554G	30	5.345G	31	5.263G	32	5.718G
33	5.672G	34	5.413G	35	5.399G	36	5.640G
37	5.557G	38	5.389G	39	5.510G	40	5.367G
41	5.687G	42	5.674G	43	5.283G	44	5.272G
45	5.420G	46	5.618G	47	5.314G	48	5.406G
49	5.650G	50	5.680G	51	5.384G	52	5.721G
53	5.363G	54	5.607G	55	5.651G	56	5.585G
57	5.483G	58	5.596G	59	5.305G	60	5.443G
61	5.315G	62	5.517G	63	5.707G	64	5.295G
65	5.722G	66	5.580G	67	5.491G	68	5.656G
69	5.686G	70	5.457G	71	5.678G	72	5.394G
73	5.267G	74	5.402G	75	5.536G	76	5.380G
77	5.505G	78	5.336G	79	5.588G	80	5.619G
81	5.631G	82	5.454G	83	5.460G	84	5.459G
85	5.477G	86	5.436G	87	5.575G	88	5.567G
89	5.440G	90	5.714G	91	5.347G	92	5.381G
93	5.716G	94	5.511G	95	5.646G	96	5.400G
97	5.602G	98	5.684G	99	5.284G	100	5.475G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.419G	2	5.666G	3	5.456G	4	5.655G
5	5.660G	6	5.691G	7	5.696G	8	5.365G
9	5.298G	10	5.394G	11	5.302G	12	5.583G
13	5.701G	14	5.251G	15	5.578G	16	5.414G
17	5.370G	18	5.442G	19	5.707G	20	5.447G
21	5.459G	22	5.579G	23	5.476G	24	5.698G
25	5.464G	26	5.534G	27	5.480G	28	5.508G
29	5.518G	30	5.571G	31	5.617G	32	5.500G
33	5.293G	34	5.268G	35	5.256G	36	5.475G
37	5.662G	38	5.538G	39	5.395G	40	5.532G
41	5.528G	42	5.690G	43	5.301G	44	5.680G
45	5.300G	46	5.405G	47	5.581G	48	5.632G
49	5.374G	50	5.497G	51	5.540G	52	5.601G
53	5.279G	54	5.338G	55	5.283G	56	5.677G
57	5.622G	58	5.672G	59	5.369G	60	5.454G
61	5.545G	62	5.502G	63	5.685G	64	5.284G
65	5.466G	66	5.328G	67	5.315G	68	5.458G
69	5.286G	70	5.585G	71	5.645G	72	5.396G
73	5.510G	74	5.584G	75	5.684G	76	5.375G
77	5.344G	78	5.311G	79	5.421G	80	5.385G
81	5.621G	82	5.652G	83	5.477G	84	5.273G
85	5.668G	86	5.676G	87	5.487G	88	5.440G
89	5.564G	90	5.452G	91	5.706G	92	5.574G
93	5.591G	94	5.721G	95	5.501G	96	5.695G
97	5.474G	98	5.558G	99	5.337G	100	5.265G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.451G	2	5.359G	3	5.667G	4	5.402G
5	5.328G	6	5.687G	7	5.574G	8	5.533G
9	5.321G	10	5.540G	11	5.423G	12	5.250G
13	5.403G	14	5.602G	15	5.627G	16	5.360G
17	5.563G	18	5.281G	19	5.523G	20	5.629G
21	5.607G	22	5.284G	23	5.330G	24	5.368G
25	5.552G	26	5.319G	27	5.384G	28	5.430G
29	5.267G	30	5.320G	31	5.596G	32	5.521G
33	5.397G	34	5.346G	35	5.417G	36	5.473G
37	5.507G	38	5.421G	39	5.718G	40	5.721G
41	5.469G	42	5.387G	43	5.582G	44	5.598G
45	5.253G	46	5.292G	47	5.666G	48	5.341G
49	5.544G	50	5.299G	51	5.583G	52	5.302G
53	5.467G	54	5.489G	55	5.304G	56	5.691G
57	5.465G	58	5.705G	59	5.315G	60	5.585G
61	5.353G	62	5.450G	63	5.288G	64	5.485G
65	5.669G	66	5.724G	67	5.637G	68	5.506G
69	5.684G	70	5.429G	71	5.512G	72	5.679G
73	5.560G	74	5.608G	75	5.355G	76	5.264G
77	5.318G	78	5.340G	79	5.501G	80	5.407G
81	5.323G	82	5.626G	83	5.460G	84	5.305G
85	5.613G	86	5.432G	87	5.342G	88	5.520G
89	5.303G	90	5.487G	91	5.665G	92	5.376G
93	5.517G	94	5.260G	95	5.352G	96	5.431G
97	5.428G	98	5.656G	99	5.256G	100	5.640G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.454G	2	5.363G	3	5.670G	4	5.423G
5	5.639G	6	5.686G	7	5.681G	8	5.589G
9	5.366G	10	5.665G	11	5.633G	12	5.616G
13	5.584G	14	5.485G	15	5.638G	16	5.517G
17	5.427G	18	5.617G	19	5.453G	20	5.522G
21	5.476G	22	5.421G	23	5.309G	24	5.651G
25	5.575G	26	5.597G	27	5.384G	28	5.659G
29	5.694G	30	5.282G	31	5.393G	32	5.565G
33	5.518G	34	5.492G	35	5.498G	36	5.684G
37	5.312G	38	5.327G	39	5.675G	40	5.369G
41	5.425G	42	5.377G	43	5.472G	44	5.590G
45	5.289G	46	5.349G	47	5.268G	48	5.509G
49	5.272G	50	5.636G	51	5.620G	52	5.257G
53	5.484G	54	5.288G	55	5.663G	56	5.692G
57	5.662G	58	5.342G	59	5.414G	60	5.523G
61	5.343G	62	5.513G	63	5.591G	64	5.457G
65	5.714G	66	5.314G	67	5.422G	68	5.404G
69	5.661G	70	5.524G	71	5.520G	72	5.297G
73	5.426G	74	5.406G	75	5.458G	76	5.667G
77	5.277G	78	5.364G	79	5.550G	80	5.401G
81	5.250G	82	5.607G	83	5.440G	84	5.439G
85	5.649G	86	5.611G	87	5.664G	88	5.398G
89	5.429G	90	5.315G	91	5.274G	92	5.265G
93	5.631G	94	5.448G	95	5.507G	96	5.723G
97	5.469G	98	5.557G	99	5.411G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.531G	2	5.356G	3	5.354G	4	5.608G
5	5.319G	6	5.264G	7	5.505G	8	5.404G
9	5.331G	10	5.697G	11	5.703G	12	5.592G
13	5.537G	14	5.538G	15	5.533G	16	5.439G
17	5.262G	18	5.652G	19	5.445G	20	5.281G
21	5.508G	22	5.669G	23	5.714G	24	5.317G
25	5.399G	26	5.643G	27	5.618G	28	5.650G
29	5.546G	30	5.663G	31	5.558G	32	5.553G
33	5.500G	34	5.521G	35	5.427G	36	5.689G
37	5.573G	38	5.660G	39	5.266G	40	5.514G
41	5.580G	42	5.472G	43	5.454G	44	5.610G
45	5.636G	46	5.297G	47	5.389G	48	5.257G
49	5.352G	50	5.483G	51	5.545G	52	5.255G
53	5.601G	54	5.548G	55	5.398G	56	5.455G
57	5.347G	58	5.372G	59	5.469G	60	5.344G
61	5.329G	62	5.423G	63	5.513G	64	5.591G
65	5.360G	66	5.340G	67	5.477G	68	5.260G
69	5.656G	70	5.683G	71	5.335G	72	5.286G
73	5.635G	74	5.320G	75	5.539G	76	5.590G
77	5.559G	78	5.578G	79	5.332G	80	5.706G
81	5.431G	82	5.628G	83	5.458G	84	5.623G
85	5.378G	86	5.646G	87	5.263G	88	5.609G
89	5.406G	90	5.691G	91	5.575G	92	5.637G
93	5.541G	94	5.376G	95	5.519G	96	5.308G
97	5.665G	98	5.254G	99	5.576G	100	5.678G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.552G	2	5.294G	3	5.276G	4	5.706G
5	5.588G	6	5.669G	7	5.450G	8	5.697G
9	5.686G	10	5.714G	11	5.558G	12	5.311G
13	5.489G	14	5.309G	15	5.336G	16	5.327G
17	5.603G	18	5.723G	19	5.692G	20	5.342G
21	5.607G	22	5.666G	23	5.508G	24	5.521G
25	5.577G	26	5.581G	27	5.432G	28	5.302G
29	5.698G	30	5.504G	31	5.589G	32	5.427G
33	5.646G	34	5.625G	35	5.376G	36	5.251G
37	5.295G	38	5.518G	39	5.421G	40	5.560G
41	5.356G	42	5.401G	43	5.438G	44	5.496G
45	5.322G	46	5.694G	47	5.264G	48	5.654G
49	5.563G	50	5.630G	51	5.492G	52	5.490G
53	5.301G	54	5.410G	55	5.713G	56	5.373G
57	5.561G	58	5.637G	59	5.477G	60	5.425G
61	5.601G	62	5.488G	63	5.680G	64	5.420G
65	5.442G	66	5.554G	67	5.444G	68	5.366G
69	5.585G	70	5.470G	71	5.655G	72	5.482G
73	5.570G	74	5.456G	75	5.323G	76	5.689G
77	5.473G	78	5.363G	79	5.390G	80	5.368G
81	5.533G	82	5.385G	83	5.455G	84	5.454G
85	5.466G	86	5.662G	87	5.472G	88	5.679G
89	5.475G	90	5.500G	91	5.359G	92	5.321G
93	5.673G	94	5.252G	95	5.398G	96	5.443G
97	5.645G	98	5.696G	99	5.415G	100	5.337G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.673G	2	5.500G	3	5.433G	4	5.682G
5	5.368G	6	5.532G	7	5.562G	8	5.403G
9	5.547G	10	5.485G	11	5.463G	12	5.690G
13	5.286G	14	5.337G	15	5.292G	16	5.627G
17	5.619G	18	5.383G	19	5.263G	20	5.630G
21	5.395G	22	5.382G	23	5.568G	24	5.457G
25	5.289G	26	5.408G	27	5.514G	28	5.510G
29	5.295G	30	5.309G	31	5.711G	32	5.262G
33	5.645G	34	5.432G	35	5.681G	36	5.373G
37	5.264G	38	5.283G	39	5.515G	40	5.703G
41	5.506G	42	5.710G	43	5.579G	44	5.674G
45	5.662G	46	5.503G	47	5.436G	48	5.666G
49	5.274G	50	5.423G	51	5.267G	52	5.333G
53	5.629G	54	5.616G	55	5.364G	56	5.281G
57	5.429G	58	5.372G	59	5.605G	60	5.358G
61	5.719G	62	5.700G	63	5.724G	64	5.639G
65	5.625G	66	5.699G	67	5.370G	68	5.269G
69	5.661G	70	5.521G	71	5.612G	72	5.551G
73	5.640G	74	5.658G	75	5.397G	76	5.664G
77	5.306G	78	5.583G	79	5.499G	80	5.489G
81	5.458G	82	5.275G	83	5.593G	84	5.327G
85	5.369G	86	5.716G	87	5.471G	88	5.688G
89	5.413G	90	5.530G	91	5.302G	92	5.694G
93	5.301G	94	5.362G	95	5.454G	96	5.441G
97	5.705G	98	5.465G	99	5.707G	100	5.535G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.571G	2	5.722G	3	5.640G	4	5.495G
5	5.537G	6	5.586G	7	5.668G	8	5.425G
9	5.358G	10	5.600G	11	5.648G	12	5.499G
13	5.343G	14	5.564G	15	5.532G	16	5.607G
17	5.401G	18	5.622G	19	5.416G	20	5.676G
21	5.477G	22	5.550G	23	5.614G	24	5.547G
25	5.654G	26	5.427G	27	5.261G	28	5.681G
29	5.318G	30	5.695G	31	5.519G	32	5.371G
33	5.476G	34	5.581G	35	5.609G	36	5.445G
37	5.251G	38	5.520G	39	5.333G	40	5.453G
41	5.658G	42	5.271G	43	5.686G	44	5.373G
45	5.543G	46	5.354G	47	5.470G	48	5.341G
49	5.490G	50	5.544G	51	5.624G	52	5.307G
53	5.344G	54	5.413G	55	5.616G	56	5.667G
57	5.489G	58	5.625G	59	5.270G	60	5.596G
61	5.446G	62	5.629G	63	5.531G	64	5.718G
65	5.590G	66	5.379G	67	5.563G	68	5.623G
69	5.628G	70	5.721G	71	5.253G	72	5.540G
73	5.523G	74	5.703G	75	5.287G	76	5.633G
77	5.497G	78	5.588G	79	5.665G	80	5.362G
81	5.561G	82	5.710G	83	5.677G	84	5.278G
85	5.487G	86	5.584G	87	5.655G	88	5.277G
89	5.496G	90	5.356G	91	5.388G	92	5.299G
93	5.657G	94	5.601G	95	5.457G	96	5.638G
97	5.363G	98	5.439G	99	5.302G	100	5.317G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.337G	2	5.489G	3	5.382G	4	5.649G
5	5.429G	6	5.708G	7	5.530G	8	5.674G
9	5.628G	10	5.415G	11	5.661G	12	5.384G
13	5.570G	14	5.402G	15	5.529G	16	5.298G
17	5.672G	18	5.254G	19	5.327G	20	5.346G
21	5.707G	22	5.629G	23	5.408G	24	5.541G
25	5.535G	26	5.364G	27	5.539G	28	5.485G
29	5.611G	30	5.281G	31	5.455G	32	5.619G
33	5.680G	34	5.282G	35	5.322G	36	5.357G
37	5.667G	38	5.278G	39	5.505G	40	5.501G
41	5.466G	42	5.443G	43	5.360G	44	5.557G
45	5.474G	46	5.687G	47	5.256G	48	5.487G
49	5.607G	50	5.332G	51	5.431G	52	5.574G
53	5.626G	54	5.571G	55	5.519G	56	5.291G
57	5.700G	58	5.650G	59	5.452G	60	5.475G
61	5.538G	62	5.511G	63	5.481G	64	5.311G
65	5.497G	66	5.259G	67	5.540G	68	5.303G
69	5.693G	70	5.695G	71	5.447G	72	5.690G
73	5.266G	74	5.646G	75	5.568G	76	5.713G
77	5.648G	78	5.399G	79	5.361G	80	5.421G
81	5.467G	82	5.340G	83	5.459G	84	5.425G
85	5.553G	86	5.601G	87	5.274G	88	5.524G
89	5.387G	90	5.711G	91	5.359G	92	5.580G
93	5.660G	94	5.377G	95	5.479G	96	5.428G
97	5.654G	98	5.405G	99	5.496G	100	5.411G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.520G	2	5.617G	3	5.715G	4	5.697G
5	5.250G	6	5.542G	7	5.314G	8	5.545G
9	5.278G	10	5.580G	11	5.719G	12	5.424G
13	5.469G	14	5.301G	15	5.581G	16	5.597G
17	5.698G	18	5.621G	19	5.454G	20	5.600G
21	5.435G	22	5.682G	23	5.681G	24	5.389G
25	5.346G	26	5.701G	27	5.289G	28	5.384G
29	5.605G	30	5.381G	31	5.312G	32	5.465G
33	5.333G	34	5.404G	35	5.292G	36	5.413G
37	5.311G	38	5.269G	39	5.271G	40	5.496G
41	5.655G	42	5.463G	43	5.657G	44	5.270G
45	5.615G	46	5.558G	47	5.625G	48	5.594G
49	5.326G	50	5.455G	51	5.471G	52	5.373G
53	5.530G	54	5.298G	55	5.259G	56	5.710G
57	5.457G	58	5.522G	59	5.363G	60	5.531G
61	5.562G	62	5.399G	63	5.514G	64	5.401G
65	5.680G	66	5.398G	67	5.473G	68	5.439G
69	5.412G	70	5.376G	71	5.663G	72	5.268G
73	5.671G	74	5.336G	75	5.616G	76	5.428G
77	5.618G	78	5.309G	79	5.408G	80	5.544G
81	5.487G	82	5.470G	83	5.340G	84	5.646G
85	5.497G	86	5.550G	87	5.563G	88	5.547G
89	5.499G	90	5.557G	91	5.591G	92	5.396G
93	5.669G	94	5.257G	95	5.629G	96	5.508G
97	5.394G	98	5.568G	99	5.556G	100	5.353G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.454G	2	5.478G	3	5.404G	4	5.433G
5	5.300G	6	5.339G	7	5.414G	8	5.699G
9	5.310G	10	5.280G	11	5.468G	12	5.574G
13	5.444G	14	5.713G	15	5.650G	16	5.542G
17	5.353G	18	5.352G	19	5.359G	20	5.268G
21	5.662G	22	5.626G	23	5.446G	24	5.651G
25	5.278G	26	5.530G	27	5.318G	28	5.538G
29	5.429G	30	5.492G	31	5.455G	32	5.276G
33	5.345G	34	5.581G	35	5.566G	36	5.265G
37	5.584G	38	5.405G	39	5.548G	40	5.504G
41	5.402G	42	5.681G	43	5.587G	44	5.612G
45	5.351G	46	5.386G	47	5.424G	48	5.317G
49	5.608G	50	5.264G	51	5.507G	52	5.338G
53	5.319G	54	5.691G	55	5.702G	56	5.447G
57	5.434G	58	5.628G	59	5.557G	60	5.534G
61	5.371G	62	5.266G	63	5.472G	64	5.633G
65	5.670G	66	5.595G	67	5.410G	68	5.305G
69	5.698G	70	5.361G	71	5.431G	72	5.721G
73	5.481G	74	5.609G	75	5.285G	76	5.675G
77	5.326G	78	5.632G	79	5.547G	80	5.646G
81	5.720G	82	5.306G	83	5.674G	84	5.299G
85	5.432G	86	5.655G	87	5.597G	88	5.671G
89	5.463G	90	5.599G	91	5.515G	92	5.648G
93	5.614G	94	5.350G	95	5.286G	96	5.636G
97	5.419G	98	5.647G	99	5.399G	100	5.267G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.284G	2	5.587G	3	5.442G	4	5.676G
5	5.474G	6	5.689G	7	5.443G	8	5.503G
9	5.499G	10	5.339G	11	5.713G	12	5.344G
13	5.316G	14	5.488G	15	5.703G	16	5.564G
17	5.295G	18	5.664G	19	5.572G	20	5.681G
21	5.546G	22	5.611G	23	5.557G	24	5.291G
25	5.308G	26	5.559G	27	5.438G	28	5.678G
29	5.679G	30	5.619G	31	5.598G	32	5.350G
33	5.609G	34	5.370G	35	5.485G	36	5.376G
37	5.685G	38	5.479G	39	5.389G	40	5.395G
41	5.688G	42	5.431G	43	5.699G	44	5.484G
45	5.277G	46	5.288G	47	5.464G	48	5.522G
49	5.329G	50	5.646G	51	5.282G	52	5.346G
53	5.720G	54	5.328G	55	5.657G	56	5.468G
57	5.671G	58	5.535G	59	5.322G	60	5.606G
61	5.419G	62	5.584G	63	5.435G	64	5.254G
65	5.410G	66	5.507G	67	5.666G	68	5.396G
69	5.290G	70	5.301G	71	5.582G	72	5.508G
73	5.365G	74	5.612G	75	5.575G	76	5.465G
77	5.375G	78	5.377G	79	5.347G	80	5.333G
81	5.412G	82	5.342G	83	5.723G	84	5.332G
85	5.302G	86	5.271G	87	5.311G	88	5.312G
89	5.711G	90	5.259G	91	5.644G	92	5.463G
93	5.656G	94	5.268G	95	5.432G	96	5.424G
97	5.537G	98	5.454G	99	5.593G	100	5.528G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.310G	2	5.294G	3	5.533G	4	5.585G
5	5.534G	6	5.289G	7	5.436G	8	5.364G
9	5.550G	10	5.261G	11	5.577G	12	5.469G
13	5.316G	14	5.268G	15	5.353G	16	5.558G
17	5.423G	18	5.565G	19	5.288G	20	5.516G
21	5.497G	22	5.314G	23	5.402G	24	5.259G
25	5.457G	26	5.498G	27	5.480G	28	5.669G
29	5.430G	30	5.687G	31	5.637G	32	5.383G
33	5.716G	34	5.632G	35	5.654G	36	5.397G
37	5.570G	38	5.545G	39	5.325G	40	5.665G
41	5.676G	42	5.270G	43	5.250G	44	5.523G
45	5.481G	46	5.670G	47	5.305G	48	5.678G
49	5.710G	50	5.370G	51	5.279G	52	5.643G
53	5.513G	54	5.260G	55	5.319G	56	5.367G
57	5.645G	58	5.365G	59	5.371G	60	5.424G
61	5.322G	62	5.595G	63	5.724G	64	5.377G
65	5.450G	66	5.382G	67	5.540G	68	5.604G
69	5.349G	70	5.479G	71	5.722G	72	5.274G
73	5.576G	74	5.276G	75	5.522G	76	5.344G
77	5.303G	78	5.504G	79	5.317G	80	5.701G
81	5.543G	82	5.636G	83	5.355G	84	5.544G
85	5.517G	86	5.525G	87	5.617G	88	5.376G
89	5.557G	90	5.683G	91	5.699G	92	5.639G
93	5.404G	94	5.615G	95	5.713G	96	5.569G
97	5.586G	98	5.515G	99	5.254G	100	5.361G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.587G	2	5.376G	3	5.440G	4	5.702G
5	5.302G	6	5.366G	7	5.344G	8	5.280G
9	5.287G	10	5.538G	11	5.554G	12	5.619G
13	5.518G	14	5.560G	15	5.313G	16	5.472G
17	5.412G	18	5.563G	19	5.694G	20	5.421G
21	5.334G	22	5.501G	23	5.447G	24	5.488G
25	5.516G	26	5.291G	27	5.689G	28	5.263G
29	5.706G	30	5.637G	31	5.622G	32	5.424G
33	5.455G	34	5.579G	35	5.266G	36	5.273G
37	5.460G	38	5.385G	39	5.533G	40	5.481G
41	5.442G	42	5.297G	43	5.528G	44	5.422G
45	5.642G	46	5.686G	47	5.318G	48	5.335G
49	5.595G	50	5.372G	51	5.477G	52	5.393G
53	5.276G	54	5.650G	55	5.410G	56	5.597G
57	5.256G	58	5.312G	59	5.261G	60	5.543G
61	5.503G	62	5.311G	63	5.717G	64	5.487G
65	5.634G	66	5.510G	67	5.382G	68	5.578G
69	5.566G	70	5.500G	71	5.515G	72	5.495G
73	5.450G	74	5.326G	75	5.473G	76	5.408G
77	5.284G	78	5.370G	79	5.520G	80	5.446G
81	5.561G	82	5.483G	83	5.415G	84	5.314G
85	5.722G	86	5.602G	87	5.380G	88	5.456G
89	5.589G	90	5.469G	91	5.378G	92	5.332G
93	5.338G	94	5.331G	95	5.541G	96	5.323G
97	5.452G	98	5.271G	99	5.435G	100	5.612G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.338G	2	5.589G	3	5.482G	4	5.428G
5	5.538G	6	5.515G	7	5.446G	8	5.296G
9	5.362G	10	5.674G	11	5.685G	12	5.636G
13	5.365G	14	5.272G	15	5.260G	16	5.277G
17	5.578G	18	5.500G	19	5.375G	20	5.259G
21	5.394G	22	5.409G	23	5.575G	24	5.597G
25	5.563G	26	5.614G	27	5.477G	28	5.607G
29	5.461G	30	5.341G	31	5.269G	32	5.488G
33	5.558G	34	5.550G	35	5.381G	36	5.288G
37	5.648G	38	5.591G	39	5.419G	40	5.328G
41	5.640G	42	5.717G	43	5.504G	44	5.497G
45	5.279G	46	5.349G	47	5.294G	48	5.261G
49	5.651G	50	5.618G	51	5.452G	52	5.508G
53	5.577G	54	5.673G	55	5.696G	56	5.683G
57	5.346G	58	5.252G	59	5.340G	60	5.380G
61	5.384G	62	5.382G	63	5.309G	64	5.412G
65	5.395G	66	5.700G	67	5.456G	68	5.324G
69	5.473G	70	5.253G	71	5.305G	72	5.449G
73	5.548G	74	5.511G	75	5.489G	76	5.462G
77	5.369G	78	5.401G	79	5.698G	80	5.556G
81	5.682G	82	5.339G	83	5.413G	84	5.391G
85	5.411G	86	5.266G	87	5.580G	88	5.686G
89	5.490G	90	5.317G	91	5.432G	92	5.606G
93	5.620G	94	5.608G	95	5.540G	96	5.426G
97	5.541G	98	5.397G	99	5.501G	100	5.433G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.422G	2	5.582G	3	5.272G	4	5.279G
5	5.420G	6	5.719G	7	5.648G	8	5.332G
9	5.379G	10	5.346G	11	5.451G	12	5.317G
13	5.281G	14	5.364G	15	5.656G	16	5.668G
17	5.447G	18	5.628G	19	5.681G	20	5.617G
21	5.506G	22	5.443G	23	5.270G	24	5.417G
25	5.383G	26	5.502G	27	5.645G	28	5.517G
29	5.398G	30	5.622G	31	5.373G	32	5.333G
33	5.486G	34	5.312G	35	5.649G	36	5.591G
37	5.467G	38	5.320G	39	5.724G	40	5.391G
41	5.361G	42	5.307G	43	5.390G	44	5.646G
45	5.570G	46	5.357G	47	5.551G	48	5.699G
49	5.562G	50	5.338G	51	5.662G	52	5.480G
53	5.276G	54	5.702G	55	5.596G	56	5.352G
57	5.256G	58	5.290G	59	5.636G	60	5.523G
61	5.504G	62	5.301G	63	5.638G	64	5.261G
65	5.501G	66	5.640G	67	5.716G	68	5.573G
69	5.273G	70	5.708G	71	5.658G	72	5.474G
73	5.711G	74	5.331G	75	5.680G	76	5.524G
77	5.387G	78	5.259G	79	5.277G	80	5.438G
81	5.385G	82	5.519G	83	5.554G	84	5.704G
85	5.313G	86	5.637G	87	5.266G	88	5.479G
89	5.431G	90	5.609G	91	5.641G	92	5.469G
93	5.618G	94	5.340G	95	5.518G	96	5.560G
97	5.545G	98	5.490G	99	5.433G	100	5.533G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.629G	2	5.412G	3	5.454G	4	5.397G
5	5.320G	6	5.616G	7	5.614G	8	5.579G
9	5.458G	10	5.376G	11	5.551G	12	5.540G
13	5.525G	14	5.444G	15	5.553G	16	5.535G
17	5.375G	18	5.405G	19	5.365G	20	5.539G
21	5.514G	22	5.484G	23	5.501G	24	5.368G
25	5.504G	26	5.715G	27	5.342G	28	5.275G
29	5.325G	30	5.538G	31	5.261G	32	5.615G
33	5.364G	34	5.596G	35	5.510G	36	5.572G
37	5.513G	38	5.311G	39	5.315G	40	5.427G
41	5.332G	42	5.595G	43	5.671G	44	5.333G
45	5.655G	46	5.625G	47	5.564G	48	5.406G
49	5.474G	50	5.609G	51	5.618G	52	5.453G
53	5.491G	54	5.477G	55	5.340G	56	5.279G
57	5.314G	58	5.309G	59	5.438G	60	5.295G
61	5.378G	62	5.402G	63	5.415G	64	5.694G
65	5.591G	66	5.562G	67	5.312G	68	5.471G
69	5.328G	70	5.469G	71	5.486G	72	5.520G
73	5.652G	74	5.604G	75	5.479G	76	5.299G
77	5.350G	78	5.352G	79	5.269G	80	5.698G
81	5.639G	82	5.561G	83	5.635G	84	5.693G
85	5.417G	86	5.260G	87	5.556G	88	5.432G
89	5.395G	90	5.339G	91	5.305G	92	5.646G
93	5.392G	94	5.271G	95	5.602G	96	5.704G
97	5.706G	98	5.633G	99	5.464G	100	5.558G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.463G	2	5.303G	3	5.299G	4	5.272G
5	5.513G	6	5.498G	7	5.481G	8	5.540G
9	5.341G	10	5.314G	11	5.691G	12	5.469G
13	5.291G	14	5.385G	15	5.378G	16	5.648G
17	5.558G	18	5.473G	19	5.401G	20	5.585G
21	5.440G	22	5.632G	23	5.609G	24	5.384G
25	5.262G	26	5.497G	27	5.629G	28	5.270G
29	5.344G	30	5.360G	31	5.582G	32	5.704G
33	5.280G	34	5.489G	35	5.446G	36	5.556G
37	5.611G	38	5.370G	39	5.659G	40	5.298G
41	5.263G	42	5.575G	43	5.388G	44	5.326G
45	5.351G	46	5.356G	47	5.566G	48	5.588G
49	5.718G	50	5.530G	51	5.643G	52	5.284G
53	5.663G	54	5.637G	55	5.645G	56	5.293G
57	5.508G	58	5.340G	59	5.504G	60	5.312G
61	5.255G	62	5.700G	63	5.593G	64	5.660G
65	5.625G	66	5.412G	67	5.380G	68	5.304G
69	5.477G	70	5.711G	71	5.614G	72	5.617G
73	5.601G	74	5.278G	75	5.364G	76	5.443G
77	5.619G	78	5.416G	79	5.538G	80	5.559G
81	5.600G	82	5.294G	83	5.398G	84	5.682G
85	5.639G	86	5.505G	87	5.521G	88	5.586G
89	5.495G	90	5.509G	91	5.434G	92	5.450G
93	5.331G	94	5.631G	95	5.366G	96	5.451G
97	5.392G	98	5.662G	99	5.584G	100	5.269G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.720G	2	5.685G	3	5.637G	4	5.279G
5	5.278G	6	5.560G	7	5.492G	8	5.459G
9	5.588G	10	5.670G	11	5.542G	12	5.589G
13	5.263G	14	5.594G	15	5.544G	16	5.586G
17	5.406G	18	5.423G	19	5.474G	20	5.428G
21	5.307G	22	5.412G	23	5.262G	24	5.410G
25	5.324G	26	5.663G	27	5.513G	28	5.660G
29	5.564G	30	5.413G	31	5.510G	32	5.701G
33	5.318G	34	5.345G	35	5.339G	36	5.485G
37	5.463G	38	5.567G	39	5.367G	40	5.419G
41	5.710G	42	5.535G	43	5.343G	44	5.626G
45	5.625G	46	5.386G	47	5.488G	48	5.712G
49	5.708G	50	5.698G	51	5.695G	52	5.286G
53	5.370G	54	5.614G	55	5.454G	56	5.681G
57	5.666G	58	5.662G	59	5.706G	60	5.437G
61	5.411G	62	5.256G	63	5.573G	64	5.600G
65	5.531G	66	5.464G	67	5.603G	68	5.675G
69	5.455G	70	5.702G	71	5.349G	72	5.433G
73	5.377G	74	5.331G	75	5.568G	76	5.607G
77	5.309G	78	5.724G	79	5.284G	80	5.434G
81	5.538G	82	5.291G	83	5.641G	84	5.523G
85	5.691G	86	5.458G	87	5.316G	88	5.401G
89	5.631G	90	5.482G	91	5.376G	92	5.397G
93	5.476G	94	5.552G	95	5.305G	96	5.371G
97	5.277G	98	5.360G	99	5.658G	100	5.294G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.424G	3	5.403G	4	5.618G
5	5.309G	6	5.423G	7	5.522G	8	5.524G
9	5.453G	10	5.511G	11	5.604G	12	5.549G
13	5.268G	14	5.653G	15	5.318G	16	5.591G
17	5.557G	18	5.537G	19	5.454G	20	5.588G
21	5.359G	22	5.461G	23	5.680G	24	5.686G
25	5.413G	26	5.391G	27	5.288G	28	5.704G
29	5.406G	30	5.503G	31	5.286G	32	5.597G
33	5.280G	34	5.278G	35	5.662G	36	5.438G
37	5.272G	38	5.456G	39	5.695G	40	5.518G
41	5.665G	42	5.346G	43	5.295G	44	5.602G
45	5.594G	46	5.523G	47	5.713G	48	5.364G
49	5.497G	50	5.598G	51	5.349G	52	5.548G
53	5.303G	54	5.355G	55	5.658G	56	5.366G
57	5.619G	58	5.670G	59	5.669G	60	5.353G
61	5.362G	62	5.693G	63	5.565G	64	5.261G
65	5.515G	66	5.300G	67	5.450G	68	5.687G
69	5.294G	70	5.648G	71	5.724G	72	5.350G
73	5.414G	74	5.694G	75	5.381G	76	5.271G
77	5.302G	78	5.332G	79	5.596G	80	5.392G
81	5.387G	82	5.649G	83	5.552G	84	5.251G
85	5.291G	86	5.660G	87	5.628G	88	5.444G
89	5.356G	90	5.564G	91	5.550G	92	5.566G
93	5.718G	94	5.314G	95	5.699G	96	5.579G
97	5.473G	98	5.690G	99	5.293G	100	5.379G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.306G	3	5.313G	4	5.529G
5	5.439G	6	5.643G	7	5.576G	8	5.482G
9	5.588G	10	5.400G	11	5.505G	12	5.568G
13	5.396G	14	5.672G	15	5.277G	16	5.358G
17	5.260G	18	5.405G	19	5.689G	20	5.331G
21	5.510G	22	5.641G	23	5.563G	24	5.495G
25	5.301G	26	5.355G	27	5.723G	28	5.334G
29	5.477G	30	5.600G	31	5.535G	32	5.579G
33	5.292G	34	5.361G	35	5.597G	36	5.570G
37	5.311G	38	5.638G	39	5.438G	40	5.377G
41	5.347G	42	5.592G	43	5.475G	44	5.424G
45	5.587G	46	5.406G	47	5.607G	48	5.648G
49	5.667G	50	5.357G	51	5.601G	52	5.398G
53	5.699G	54	5.507G	55	5.362G	56	5.639G
57	5.614G	58	5.673G	59	5.468G	60	5.612G
61	5.519G	62	5.392G	63	5.593G	64	5.642G
65	5.670G	66	5.294G	67	5.440G	68	5.657G
69	5.322G	70	5.394G	71	5.534G	72	5.462G
73	5.290G	74	5.599G	75	5.628G	76	5.276G
77	5.546G	78	5.556G	79	5.514G	80	5.567G
81	5.434G	82	5.634G	83	5.450G	84	5.415G
85	5.320G	86	5.345G	87	5.630G	88	5.360G
89	5.684G	90	5.255G	91	5.574G	92	5.422G
93	5.373G	94	5.608G	95	5.623G	96	5.631G
97	5.443G	98	5.538G	99	5.252G	100	5.653G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.508G	3	5.397G	4	5.705G
5	5.360G	6	5.468G	7	5.550G	8	5.443G
9	5.594G	10	5.555G	11	5.711G	12	5.488G
13	5.603G	14	5.386G	15	5.265G	16	5.668G
17	5.640G	18	5.369G	19	5.709G	20	5.356G
21	5.470G	22	5.323G	23	5.692G	24	5.540G
25	5.649G	26	5.658G	27	5.522G	28	5.685G
29	5.635G	30	5.606G	31	5.574G	32	5.362G
33	5.407G	34	5.442G	35	5.467G	36	5.337G
37	5.681G	38	5.665G	39	5.513G	40	5.628G
41	5.643G	42	5.419G	43	5.364G	44	5.421G
45	5.611G	46	5.258G	47	5.339G	48	5.291G
49	5.538G	50	5.353G	51	5.354G	52	5.634G
53	5.504G	54	5.402G	55	5.708G	56	5.434G
57	5.533G	58	5.502G	59	5.722G	60	5.350G
61	5.521G	62	5.571G	63	5.296G	64	5.552G
65	5.621G	66	5.581G	67	5.622G	68	5.509G
69	5.620G	70	5.677G	71	5.436G	72	5.638G
73	5.630G	74	5.266G	75	5.332G	76	5.491G
77	5.582G	78	5.261G	79	5.588G	80	5.361G
81	5.653G	82	5.511G	83	5.561G	84	5.432G
85	5.669G	86	5.347G	87	5.260G	88	5.554G
89	5.280G	90	5.254G	91	5.271G	92	5.335G
93	5.573G	94	5.699G	95	5.614G	96	5.623G
97	5.334G	98	5.431G	99	5.380G	100	5.598G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.503G	2	5.573G	3	5.388G	4	5.539G
5	5.611G	6	5.422G	7	5.452G	8	5.619G
9	5.683G	10	5.432G	11	5.552G	12	5.655G
13	5.427G	14	5.715G	15	5.492G	16	5.580G
17	5.379G	18	5.684G	19	5.386G	20	5.271G
21	5.258G	22	5.600G	23	5.686G	24	5.507G
25	5.671G	26	5.593G	27	5.533G	28	5.705G
29	5.523G	30	5.337G	31	5.416G	32	5.286G
33	5.563G	34	5.624G	35	5.699G	36	5.253G
37	5.440G	38	5.468G	39	5.365G	40	5.634G
41	5.260G	42	5.535G	43	5.576G	44	5.322G
45	5.631G	46	5.513G	47	5.434G	48	5.383G
49	5.297G	50	5.482G	51	5.471G	52	5.458G
53	5.618G	54	5.646G	55	5.384G	56	5.626G
57	5.327G	58	5.597G	59	5.329G	60	5.268G
61	5.325G	62	5.518G	63	5.524G	64	5.544G
65	5.496G	66	5.391G	67	5.495G	68	5.717G
69	5.714G	70	5.413G	71	5.429G	72	5.712G
73	5.638G	74	5.609G	75	5.549G	76	5.502G
77	5.629G	78	5.273G	79	5.336G	80	5.299G
81	5.324G	82	5.669G	83	5.504G	84	5.364G
85	5.657G	86	5.281G	87	5.481G	88	5.423G
89	5.420G	90	5.407G	91	5.463G	92	5.276G
93	5.436G	94	5.306G	95	5.537G	96	5.615G
97	5.315G	98	5.695G	99	5.317G	100	5.698G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.631G	2	5.381G	3	5.320G	4	5.521G
5	5.285G	6	5.304G	7	5.591G	8	5.718G
9	5.551G	10	5.329G	11	5.716G	12	5.296G
13	5.388G	14	5.260G	15	5.392G	16	5.346G
17	5.477G	18	5.471G	19	5.683G	20	5.345G
21	5.337G	22	5.628G	23	5.693G	24	5.478G
25	5.630G	26	5.444G	27	5.629G	28	5.606G
29	5.646G	30	5.647G	31	5.440G	32	5.522G
33	5.267G	34	5.655G	35	5.690G	36	5.338G
37	5.685G	38	5.724G	39	5.393G	40	5.307G
41	5.428G	42	5.407G	43	5.470G	44	5.450G
45	5.347G	46	5.324G	47	5.339G	48	5.449G
49	5.618G	50	5.723G	51	5.681G	52	5.377G
53	5.583G	54	5.273G	55	5.653G	56	5.476G
57	5.326G	58	5.699G	59	5.520G	60	5.313G
61	5.439G	62	5.510G	63	5.333G	64	5.263G
65	5.327G	66	5.523G	67	5.275G	68	5.596G
69	5.302G	70	5.488G	71	5.265G	72	5.703G
73	5.568G	74	5.486G	75	5.461G	76	5.710G
77	5.549G	78	5.422G	79	5.305G	80	5.287G
81	5.613G	82	5.603G	83	5.708G	84	5.261G
85	5.475G	86	5.558G	87	5.620G	88	5.332G
89	5.554G	90	5.380G	91	5.456G	92	5.336G
93	5.446G	94	5.564G	95	5.396G	96	5.460G
97	5.705G	98	5.536G	99	5.632G	100	5.370G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.481G	2	5.408G	3	5.351G	4	5.691G
5	5.451G	6	5.381G	7	5.570G	8	5.562G
9	5.324G	10	5.415G	11	5.272G	12	5.430G
13	5.254G	14	5.692G	15	5.302G	16	5.540G
17	5.652G	18	5.476G	19	5.281G	20	5.308G
21	5.397G	22	5.318G	23	5.538G	24	5.640G
25	5.703G	26	5.677G	27	5.354G	28	5.647G
29	5.597G	30	5.475G	31	5.702G	32	5.512G
33	5.637G	34	5.518G	35	5.460G	36	5.317G
37	5.320G	38	5.348G	39	5.479G	40	5.500G
41	5.524G	42	5.332G	43	5.700G	44	5.556G
45	5.257G	46	5.280G	47	5.259G	48	5.600G
49	5.633G	50	5.286G	51	5.629G	52	5.717G
53	5.698G	54	5.251G	55	5.549G	56	5.434G
57	5.542G	58	5.530G	59	5.665G	60	5.525G
61	5.316G	62	5.380G	63	5.668G	64	5.694G
65	5.689G	66	5.641G	67	5.522G	68	5.464G
69	5.705G	70	5.424G	71	5.492G	72	5.339G
73	5.298G	74	5.505G	75	5.594G	76	5.602G
77	5.514G	78	5.504G	79	5.595G	80	5.391G
81	5.448G	82	5.543G	83	5.678G	84	5.311G
85	5.333G	86	5.568G	87	5.349G	88	5.610G
89	5.325G	90	5.463G	91	5.638G	92	5.510G
93	5.548G	94	5.620G	95	5.496G	96	5.716G
97	5.260G	98	5.674G	99	5.313G	100	5.516G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.393G	2	5.465G	3	5.267G	4	5.448G
5	5.592G	6	5.280G	7	5.388G	8	5.619G
9	5.288G	10	5.357G	11	5.614G	12	5.481G
13	5.394G	14	5.482G	15	5.720G	16	5.630G
17	5.466G	18	5.335G	19	5.432G	20	5.413G
21	5.375G	22	5.250G	23	5.391G	24	5.403G
25	5.690G	26	5.698G	27	5.279G	28	5.514G
29	5.569G	30	5.679G	31	5.374G	32	5.528G
33	5.520G	34	5.328G	35	5.296G	36	5.709G
37	5.314G	38	5.580G	39	5.364G	40	5.578G
41	5.572G	42	5.504G	43	5.460G	44	5.263G
45	5.369G	46	5.570G	47	5.611G	48	5.724G
49	5.352G	50	5.604G	51	5.410G	52	5.510G
53	5.673G	54	5.697G	55	5.652G	56	5.670G
57	5.687G	58	5.258G	59	5.286G	60	5.251G
61	5.438G	62	5.711G	63	5.545G	64	5.627G
65	5.718G	66	5.556G	67	5.701G	68	5.552G
69	5.346G	70	5.606G	71	5.710G	72	5.635G
73	5.301G	74	5.625G	75	5.351G	76	5.554G
77	5.462G	78	5.329G	79	5.459G	80	5.304G
81	5.589G	82	5.284G	83	5.378G	84	5.474G
85	5.490G	86	5.281G	87	5.536G	88	5.452G
89	5.565G	90	5.399G	91	5.637G	92	5.423G
93	5.489G	94	5.562G	95	5.331G	96	5.407G
97	5.355G	98	5.262G	99	5.553G	100	5.289G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.508G	2	5.681G	3	5.318G	4	5.396G
5	5.646G	6	5.469G	7	5.460G	8	5.614G
9	5.595G	10	5.380G	11	5.297G	12	5.641G
13	5.635G	14	5.256G	15	5.423G	16	5.655G
17	5.305G	18	5.295G	19	5.667G	20	5.443G
21	5.378G	22	5.517G	23	5.605G	24	5.586G
25	5.503G	26	5.602G	27	5.347G	28	5.516G
29	5.332G	30	5.357G	31	5.394G	32	5.553G
33	5.317G	34	5.442G	35	5.408G	36	5.670G
37	5.349G	38	5.395G	39	5.426G	40	5.717G
41	5.381G	42	5.464G	43	5.617G	44	5.694G
45	5.721G	46	5.533G	47	5.308G	48	5.390G
49	5.385G	50	5.319G	51	5.607G	52	5.398G
53	5.633G	54	5.457G	55	5.482G	56	5.438G
57	5.348G	58	5.445G	59	5.576G	60	5.478G
61	5.594G	62	5.314G	63	5.425G	64	5.570G
65	5.513G	66	5.705G	67	5.514G	68	5.383G
69	5.532G	70	5.288G	71	5.388G	72	5.582G
73	5.298G	74	5.716G	75	5.668G	76	5.704G
77	5.384G	78	5.684G	79	5.706G	80	5.262G
81	5.452G	82	5.622G	83	5.325G	84	5.335G
85	5.405G	86	5.492G	87	5.462G	88	5.585G
89	5.293G	90	5.285G	91	5.580G	92	5.583G
93	5.485G	94	5.541G	95	5.723G	96	5.421G
97	5.287G	98	5.636G	99	5.437G	100	5.418G