DFS TEST REPORT

REPORT NO.: RF970409L18A-1
MODEL NO.: DIR-628
RECEIVED: Apr. 11, 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

LAB ADDRESS: 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.

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1. LAB DECLARATION

PRODUCT: RangeBooster N Dual Band Router
MODEL: DIR-628
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-628) 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 : James Fan , **DATE:** Dec. 29, 2008
Responsible for RF
James Fan / 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	RangeBooster N Dual Band Router	DIR-628	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	14.62	28.973	11	12.589
1	5470~5725	14.62	28.973	11	12.589

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	14.61	28.909	11	12.589
1	5470~5725	14.59	28.743	11	12.589

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	15.13	32.549	11	12.589
1	5470~5725	15.13	32.549	11	12.589

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	16.62	45.920	13	19.953
1	5470~5725	16.62	45.920	13	19.953

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	16.61	45.814	13	19.953
1	5470~5725	16.59	45.604	13	19.953

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	17.13	51.642	13	19.953
1	5470~5725	17.13	51.642	13	19.953

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	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
R&S Spectrum analyzer	FSP40	R&S	Oct. 22, 2008	Oct. 21, 2009
Signal generator	8645A	Agilent	Jun. 10, 2008	Jun. 09, 2009
Oscilloscope	TDS 5104	Tektronix	Sep. 01, 2008	Aug. 31, 2009

4.2 DESCRIPTION OF SUPPORT UNITS

Table 2: Support Unit information.

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

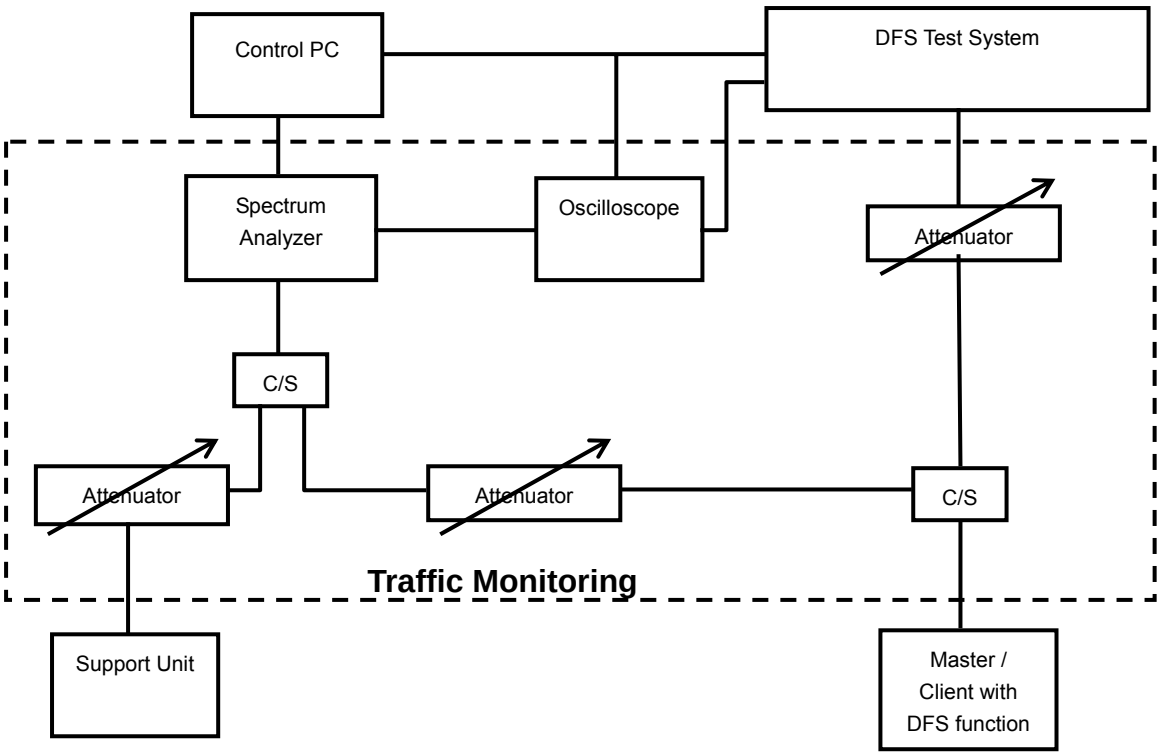
Note: This device was functioned as a □Master ■Slave device during the DFS test.

5. TEST PROCEDURE

5.1 ADT DFS MEASUREMENT SYSTEM:

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

Conducted setup configuration of ADT DFS Measurement System

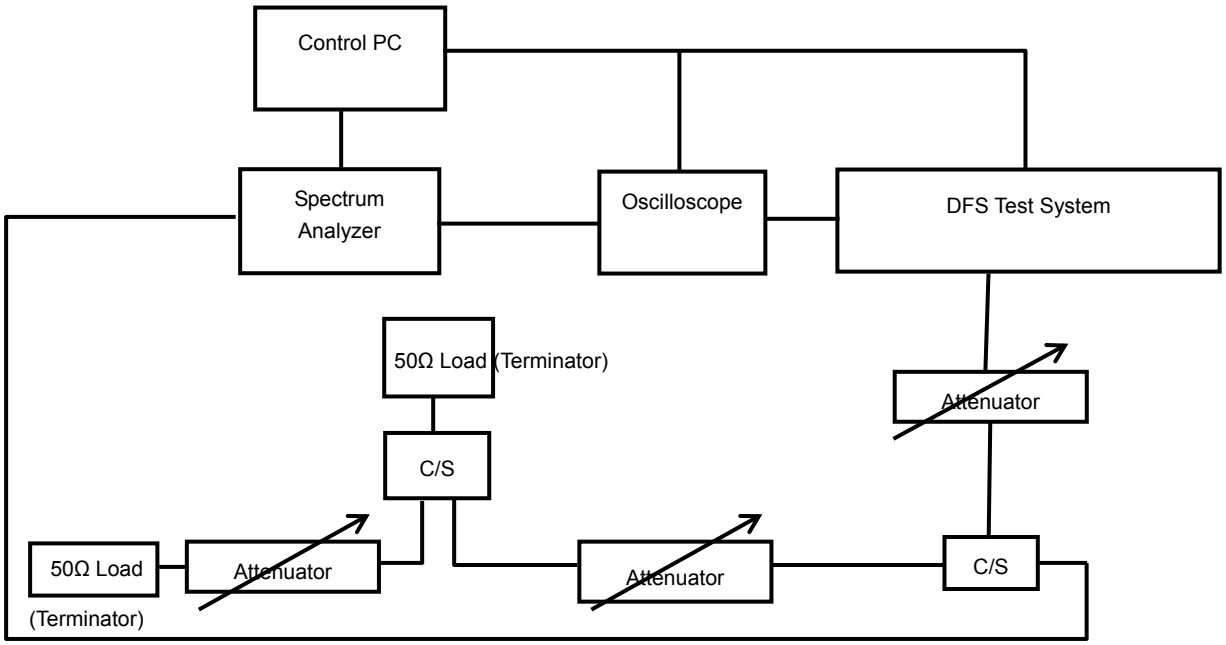


The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: http://ntiacsd.ntia.doc.gov/dfs/.

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

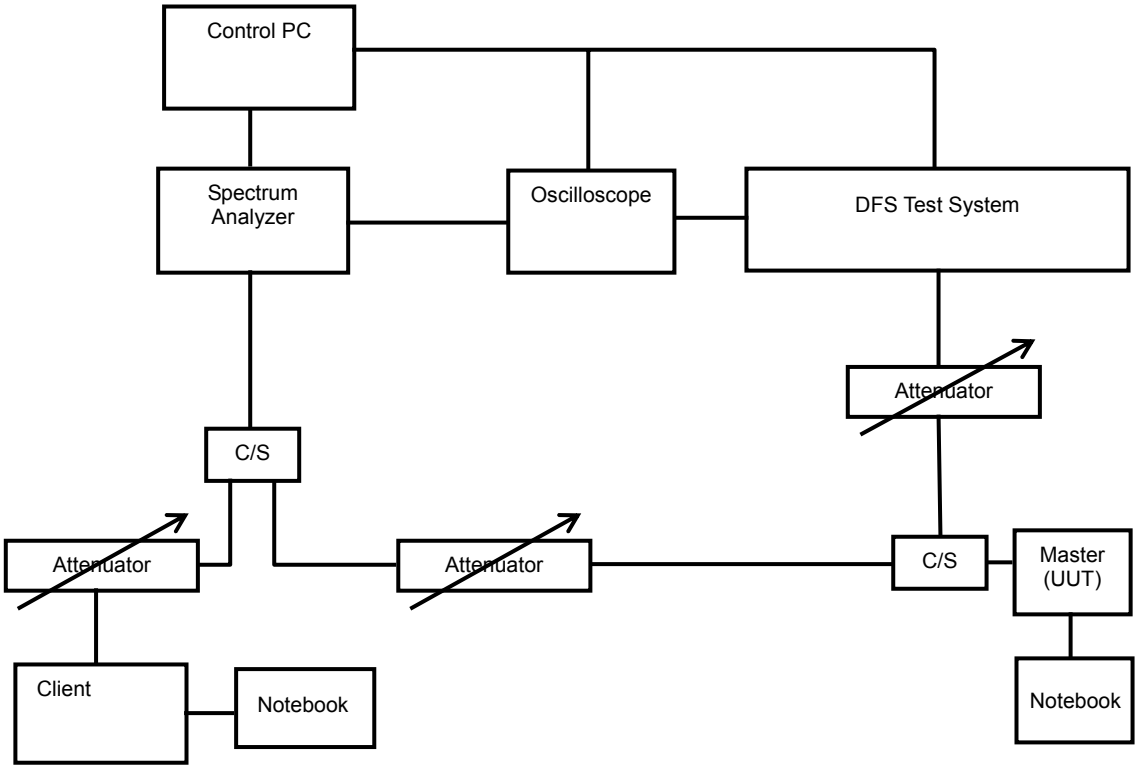


5.3 DEVIATION FROM TEST STANDARD

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

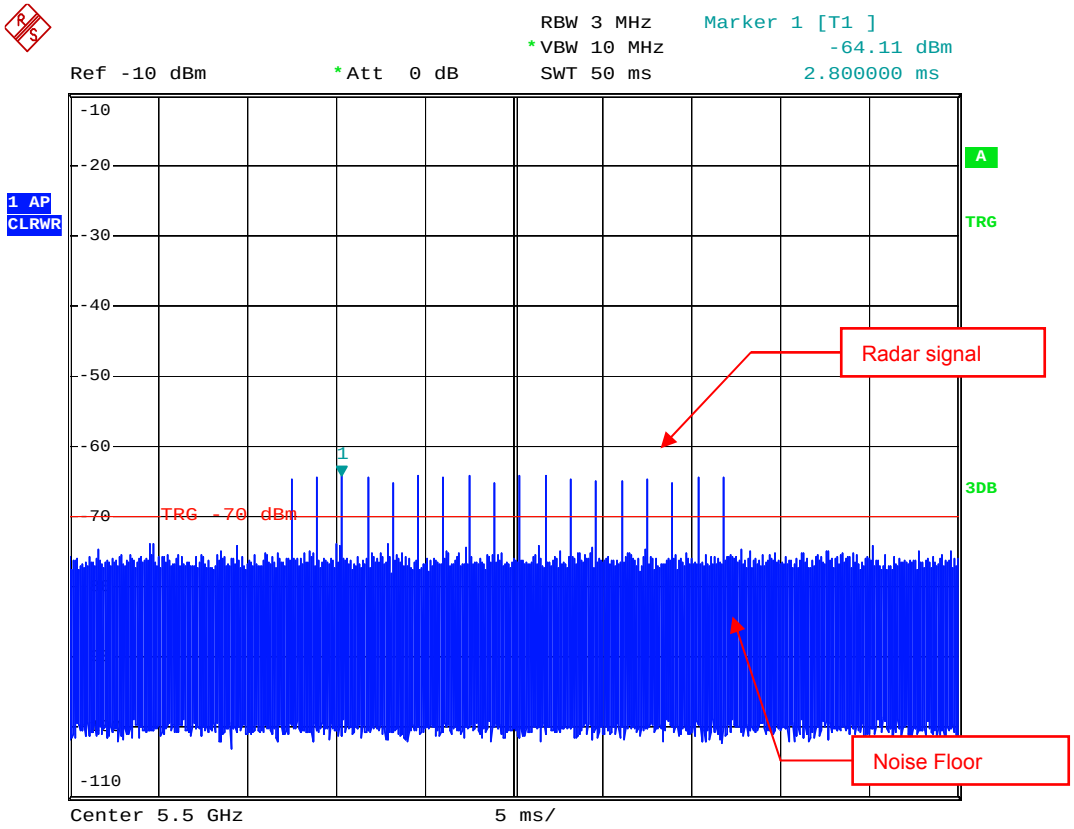
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

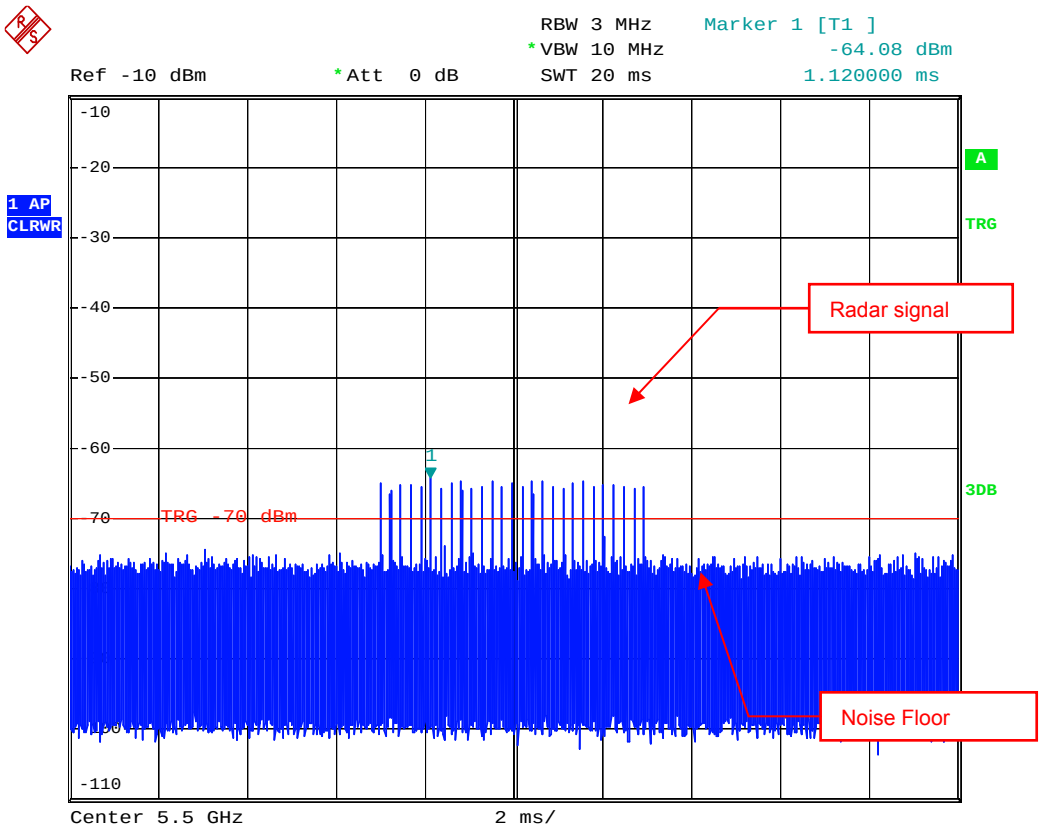
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

6.2.1.1 DFS DETECTION THRESHOLD

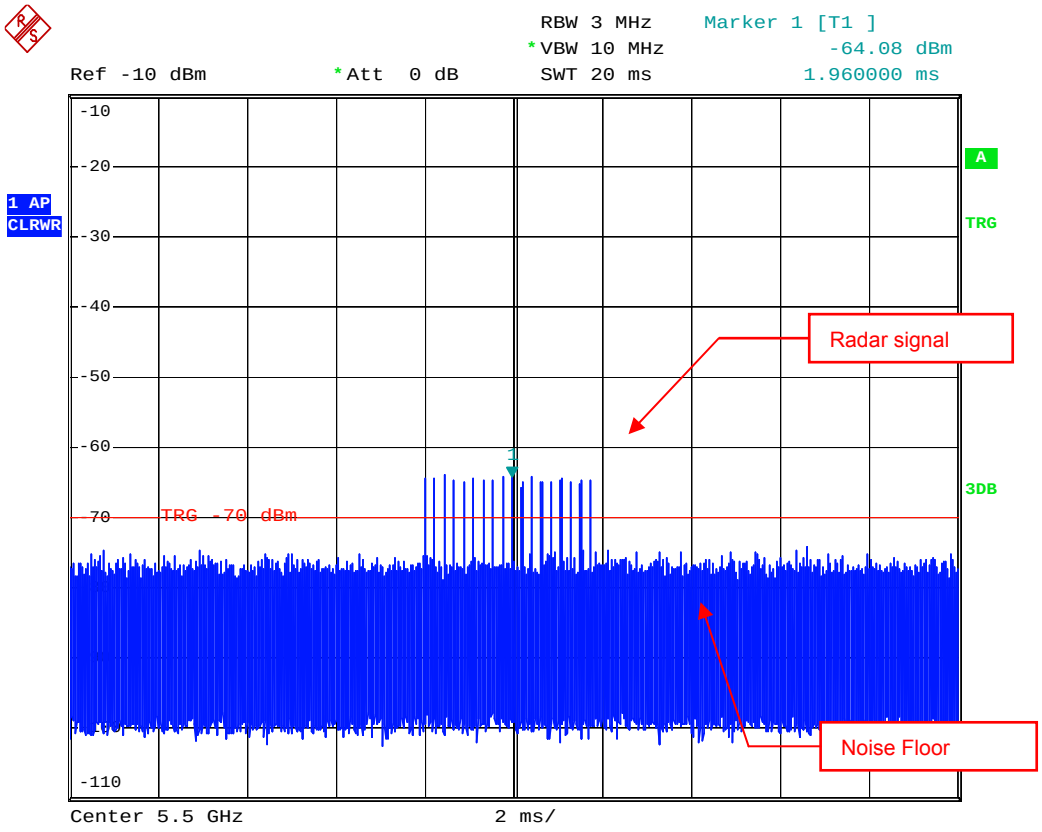
For a detection threshold level of –62dBm and the Master antenna gain is 2 dBi, Cable loss is 1 dB, margin is 3 dB and required detection threshold is -64 dBm (= -62 +2-1-3).. The conducted radar burst level is set to -64 dBm.



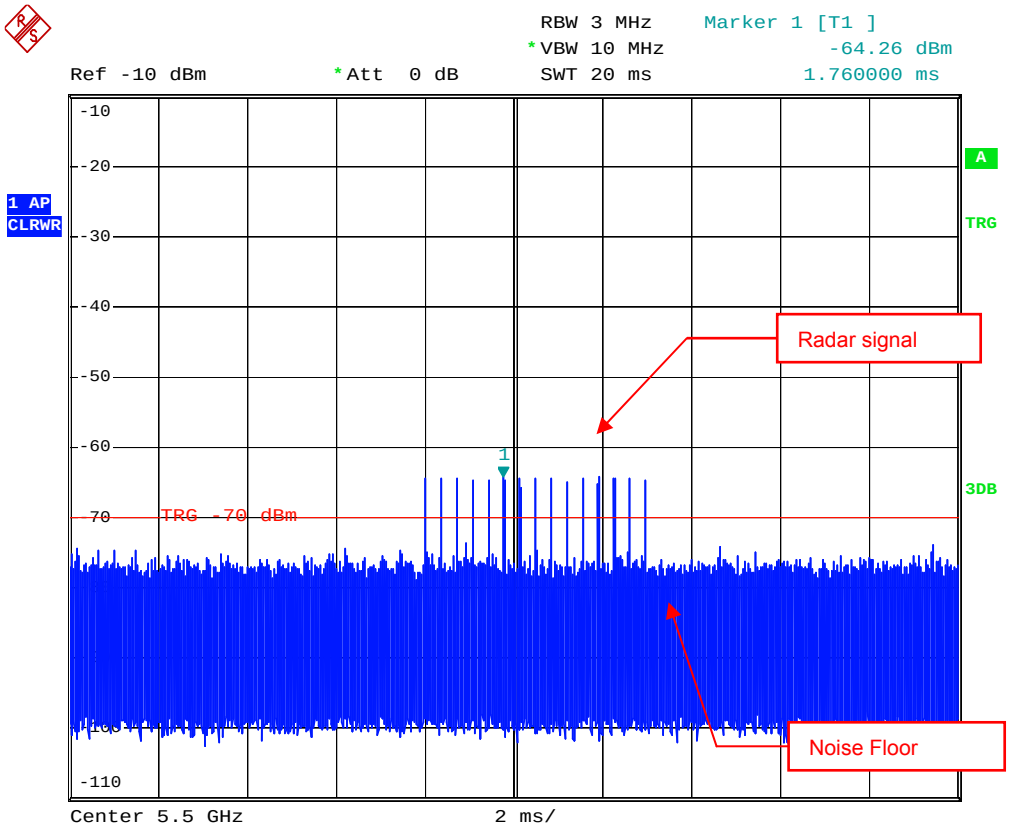
Radar Signal 1



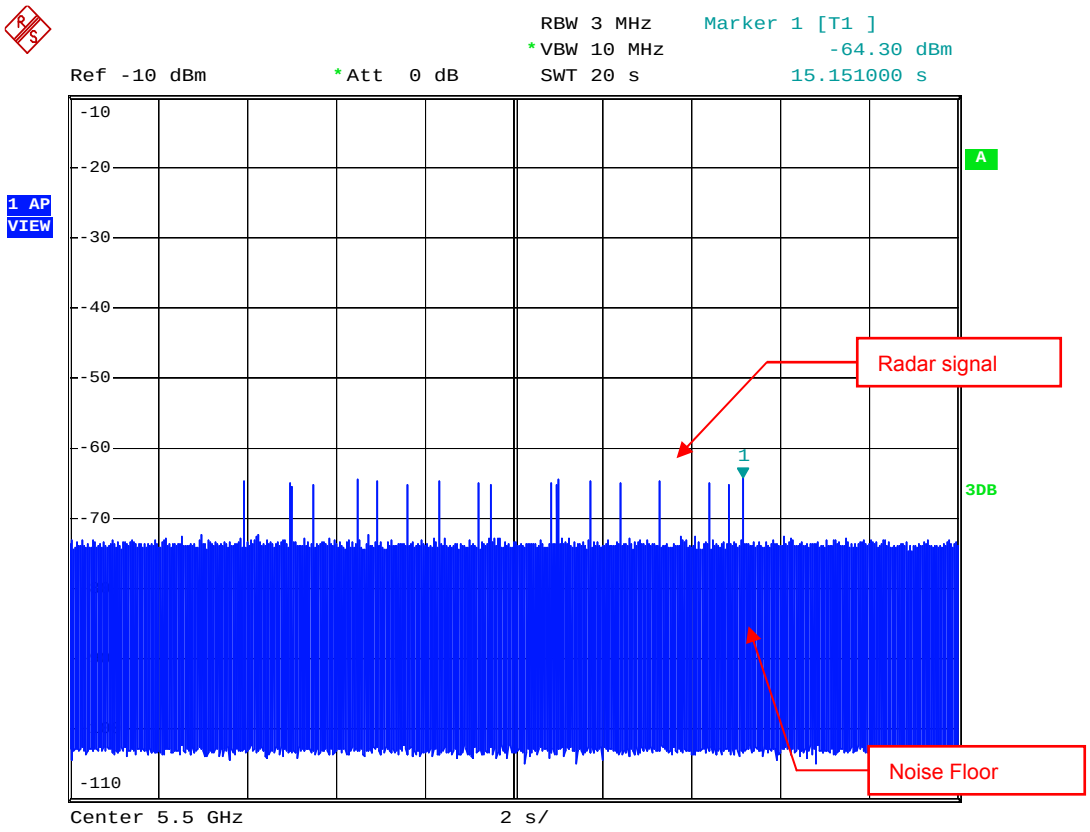
Radar Signal 2



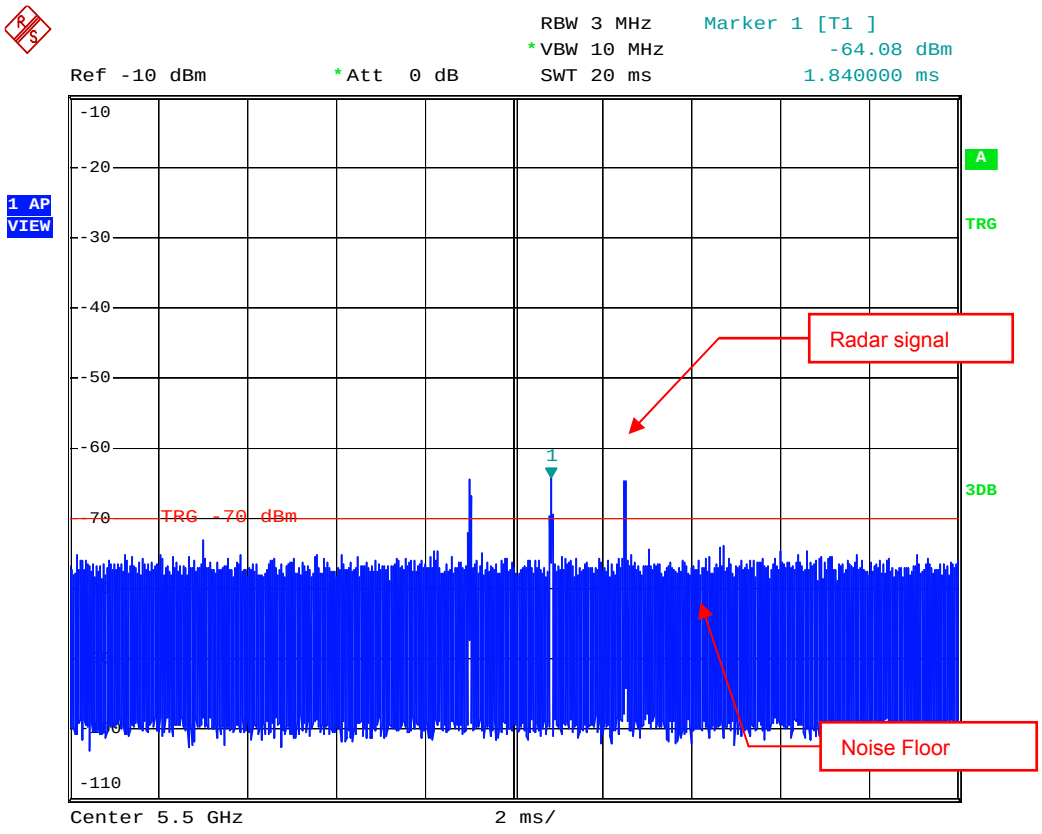
Radar Signal 3



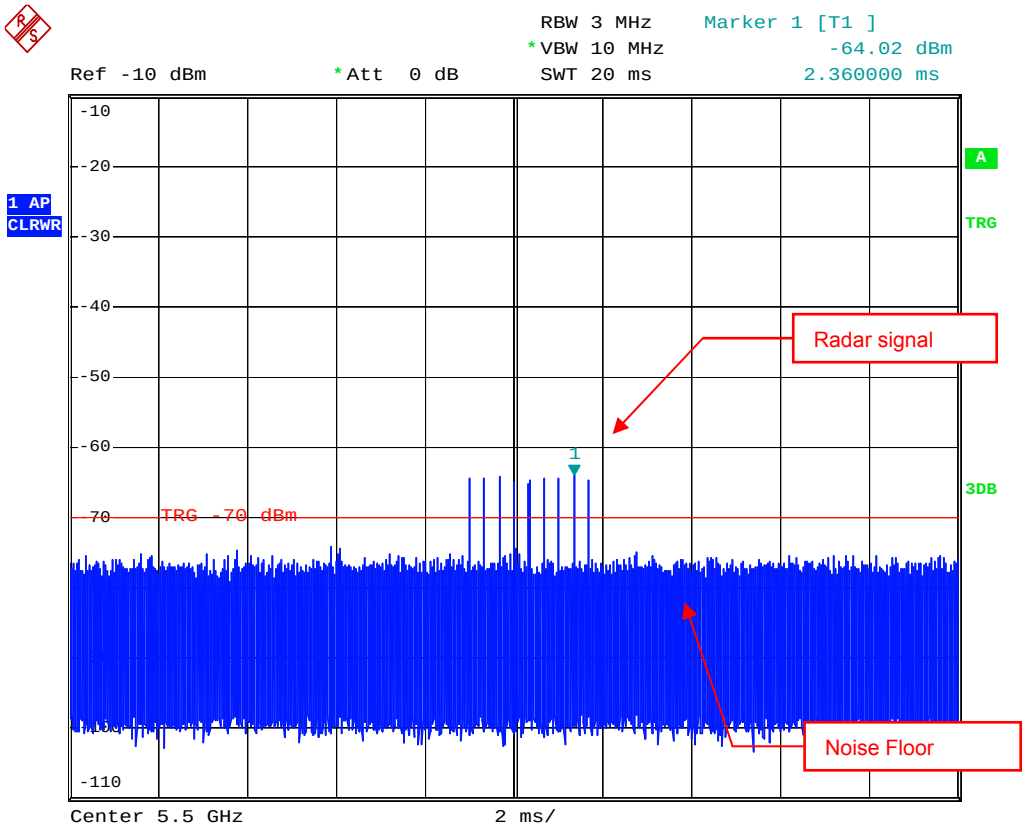
Radar Signal 4



Radar Signal 5



Single Burst of Radar Signal 5



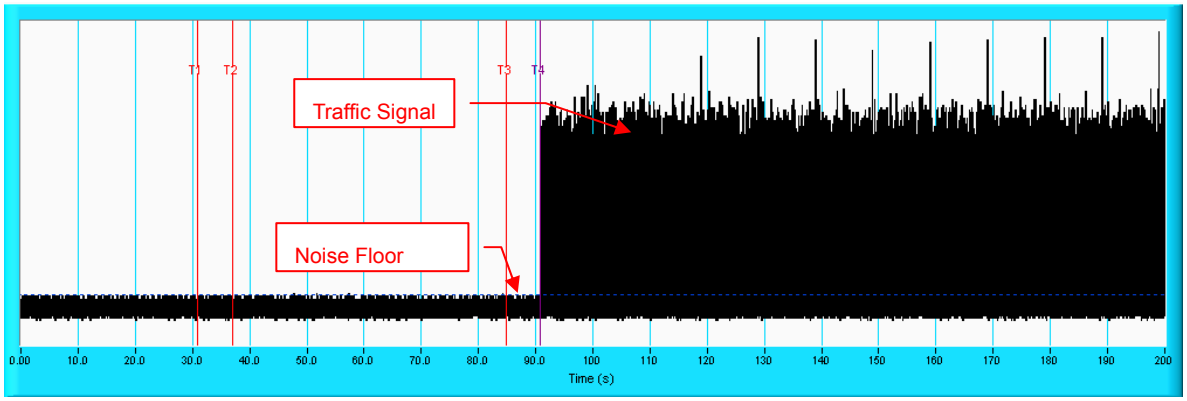
Radar Signal 6

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.

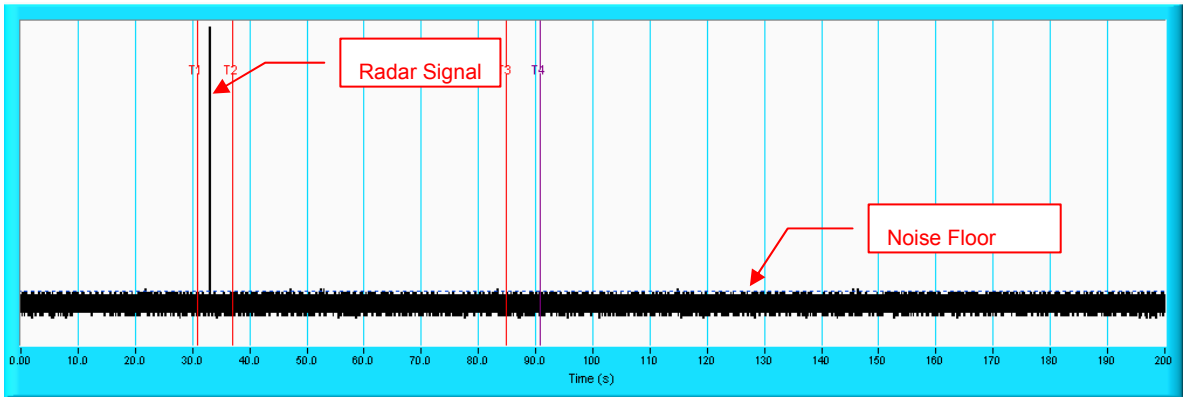
Timing of Radar Signal	Observation	
	UUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



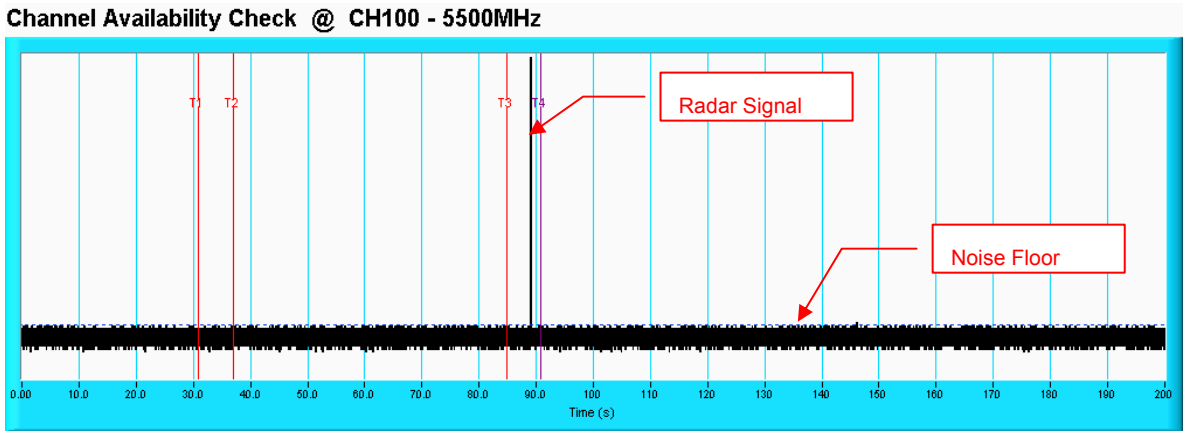
NOTE: T1 denotes the end of power-up time period is 31 second. T4 denotes the end of Channel Availability Check time is 91 second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 31 second. T2 denotes 37 second, the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 91 second.

Radar Burst at the End of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 31 second. T3 denotes 85 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 91 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	93.3
2	1-5	150-230	23-29	30	93.3
3	6-10	200-500	16-18	30	90
4	11-20	200-500	12-16	30	66.7
Aggregate (Radar Types 1-4)				120	85.8

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	86.7

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	96.7
2	1-5	150-230	23-29	30	80
3	6-10	200-500	16-18	30	93.3
4	11-20	200-500	12-16	30	83.3
Aggregate (Radar Types 1-4)				120	88.3

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

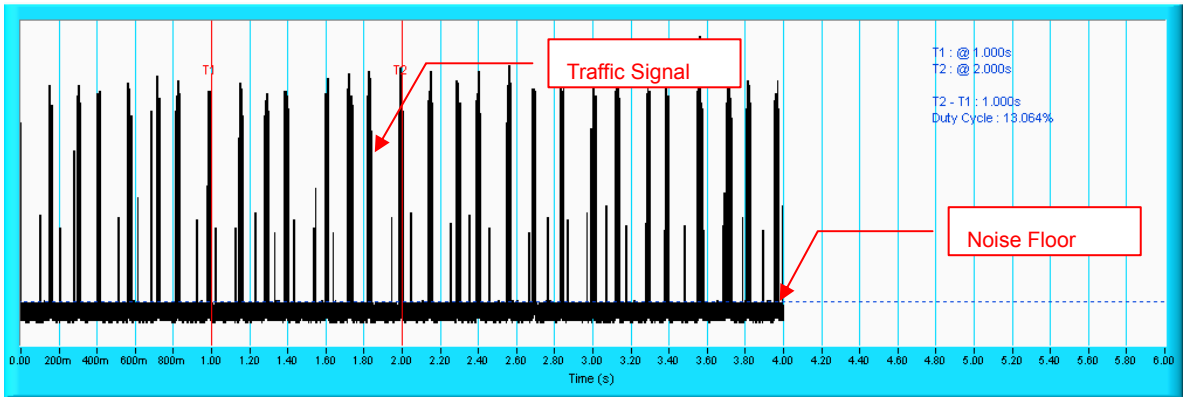
Table 3: Frequency Hopping Radar Test Waveform

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	86.7

WLAN TRAFFIC

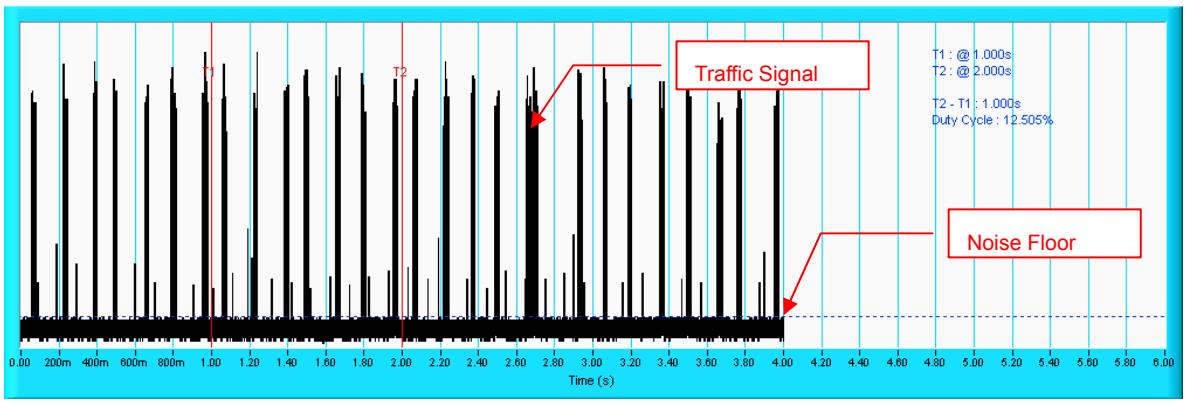
IEEE 802.11N 20MHz

Date Rate: MCS4



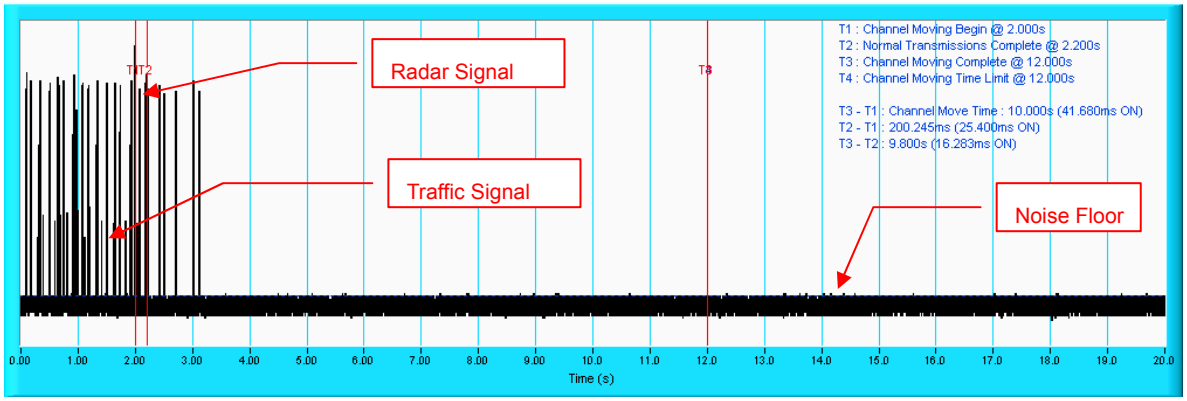
IEEE 802.11N 40MHz

Date Rate: MCS2

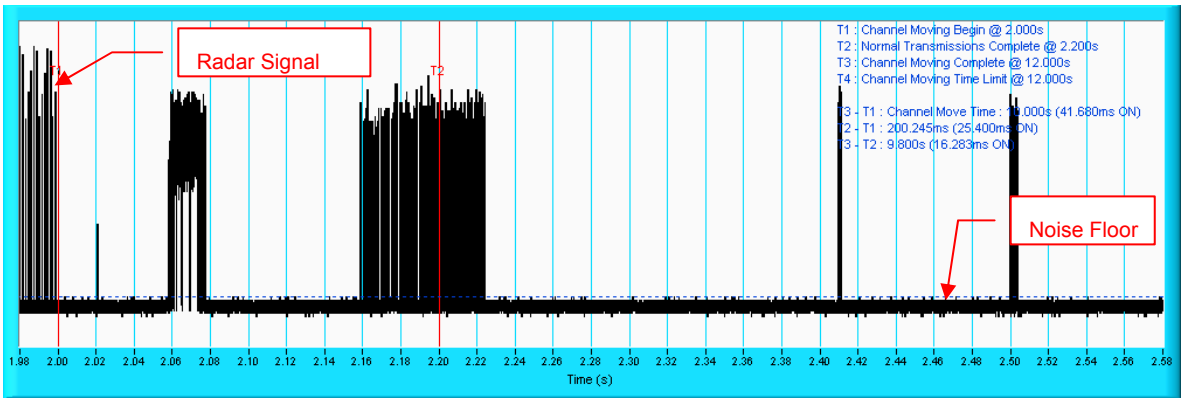


Radar signal 1

IEEE 802.11N 20MHz.

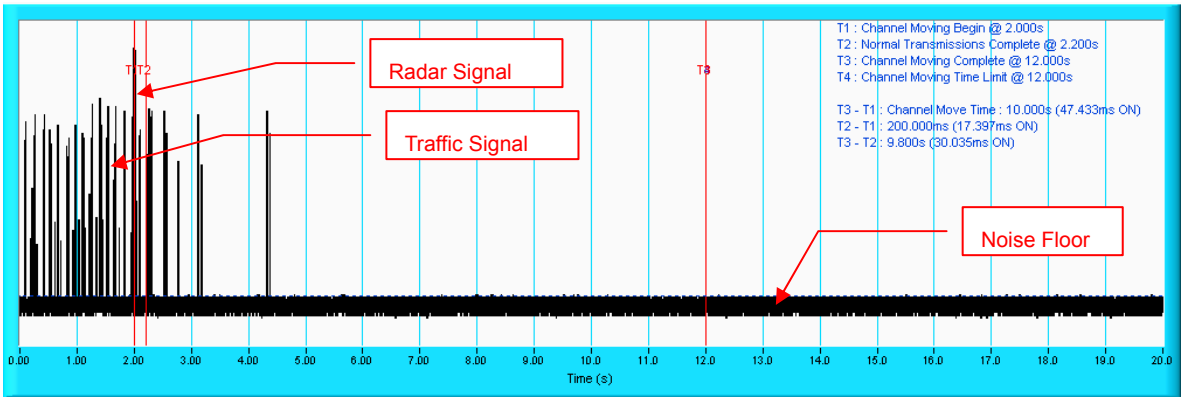


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

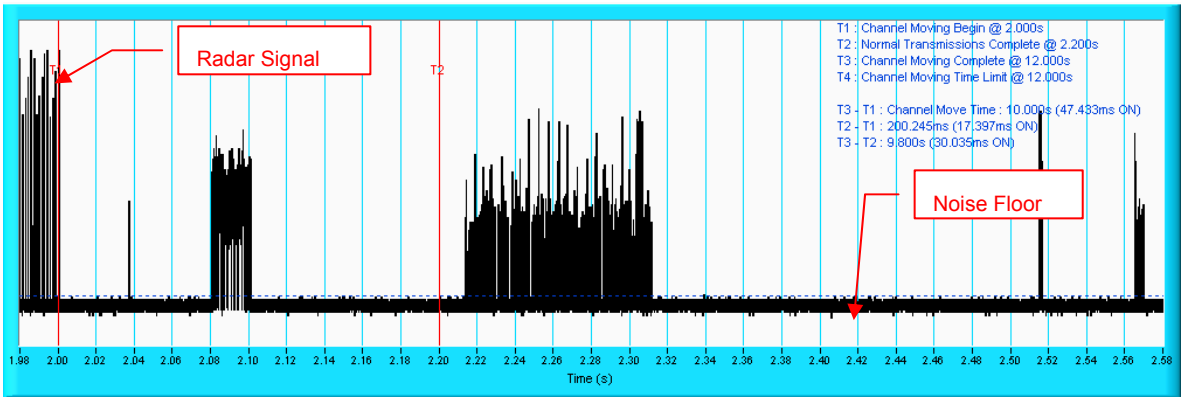


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



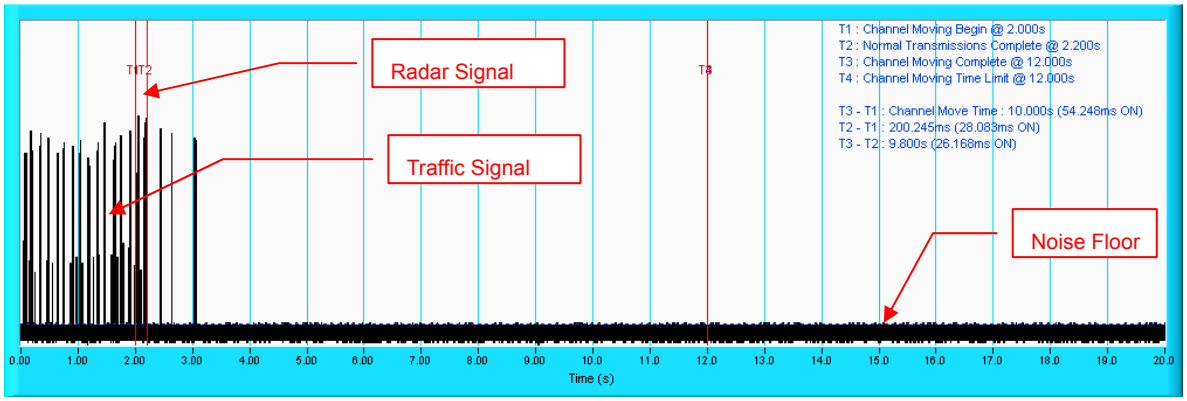
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



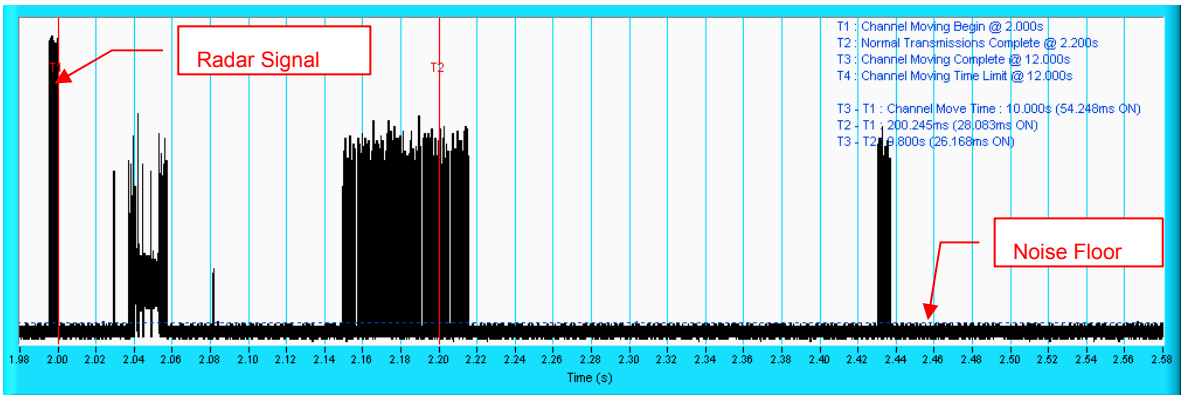
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 2

IEEE 802.11N 20MHz.

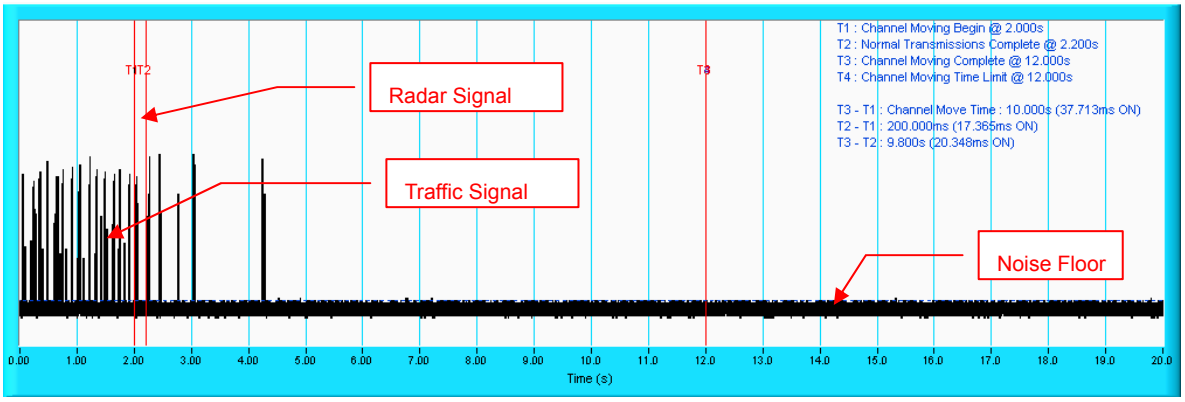


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

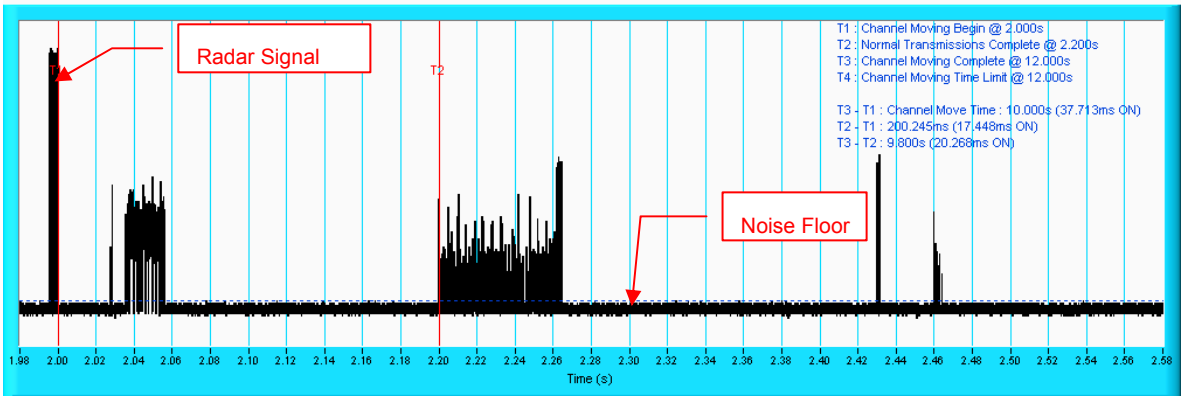


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



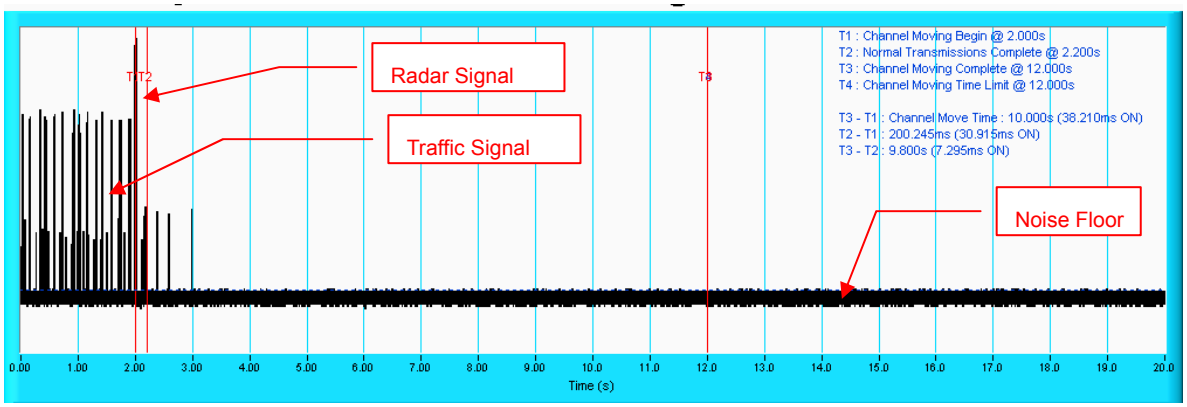
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



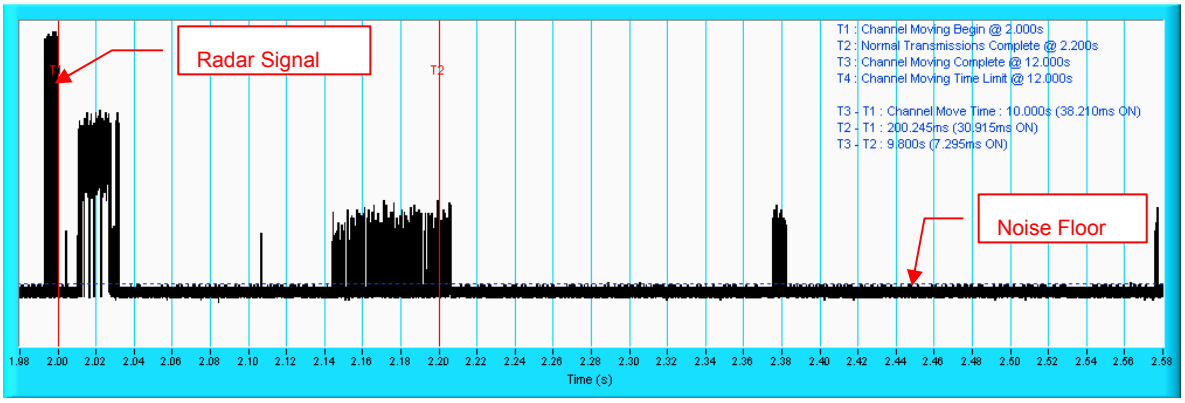
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 3

IEEE 802.11N 20MHz.

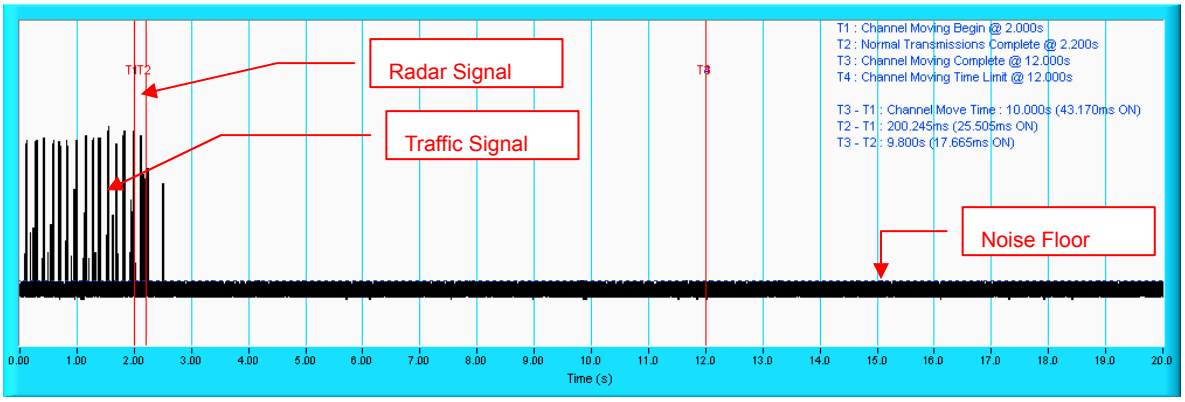


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

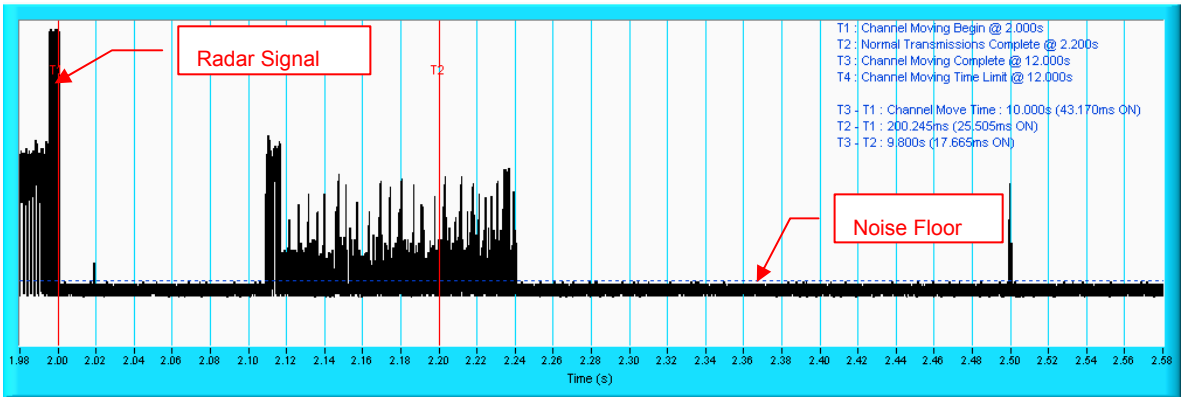


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



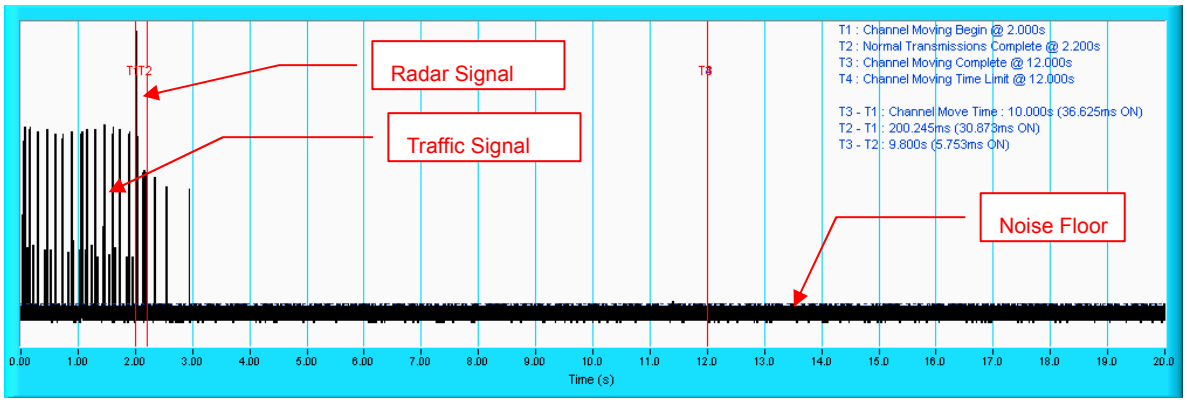
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



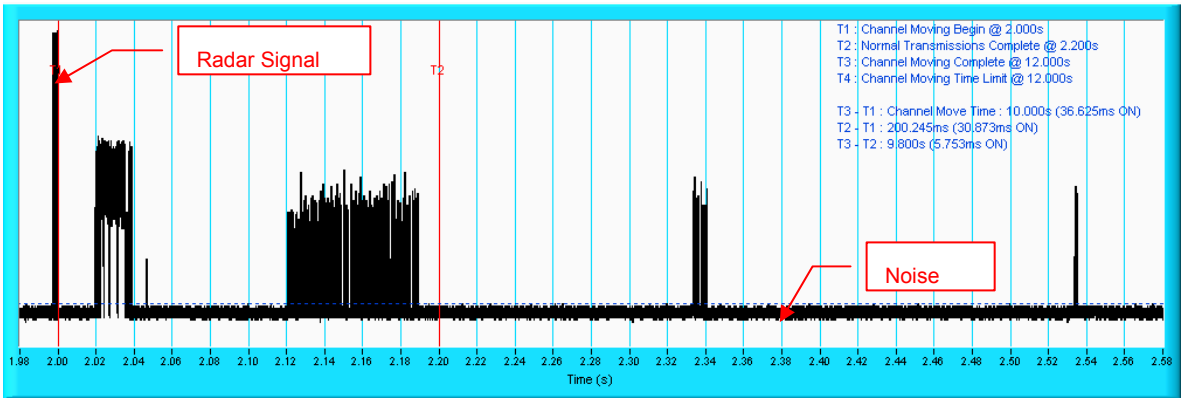
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 4

IEEE 802.11N 20MHz.

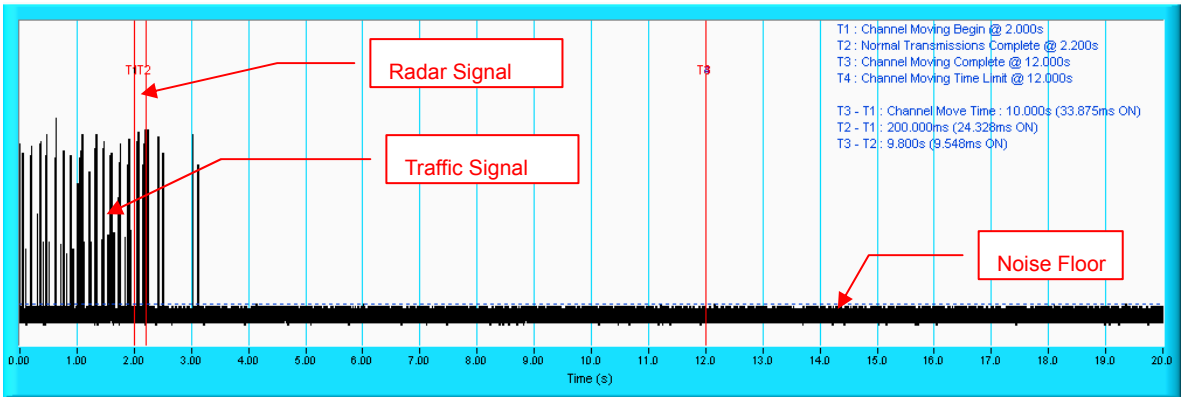


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

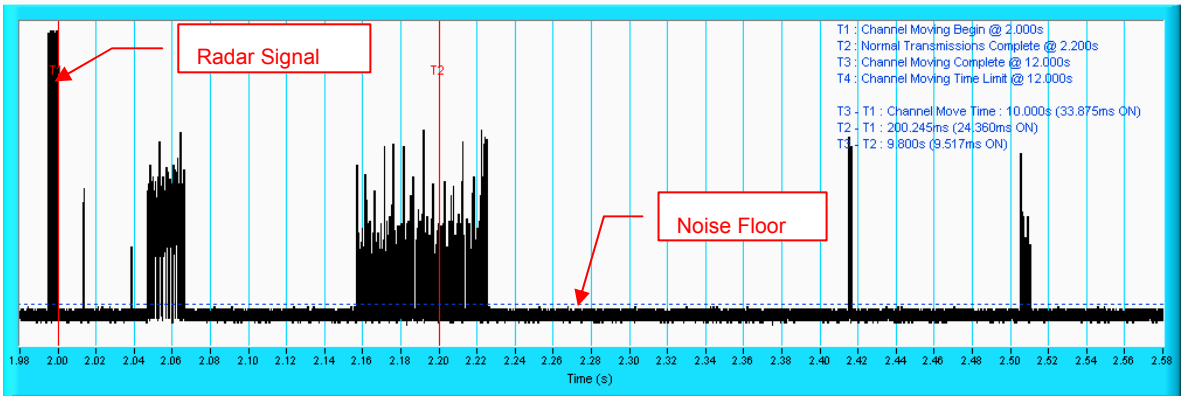


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



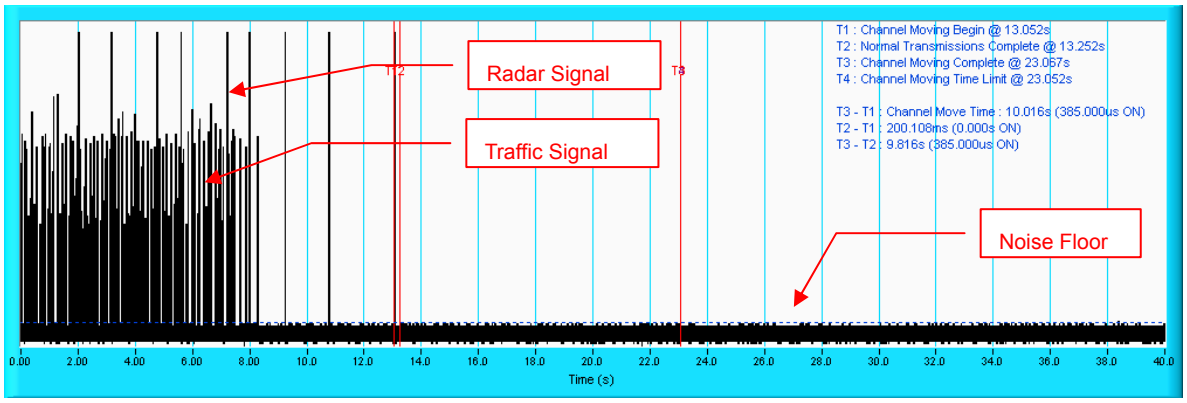
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



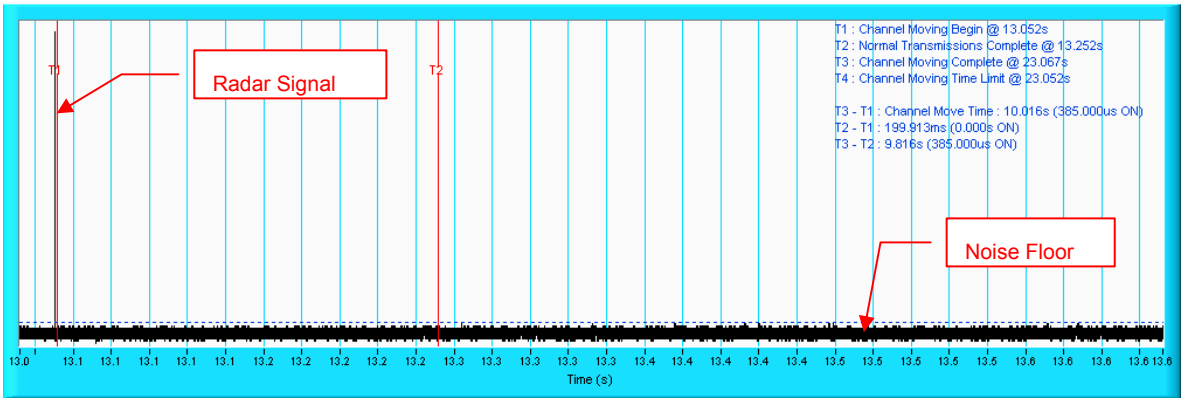
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 5

IEEE 802.11N 20MHz.

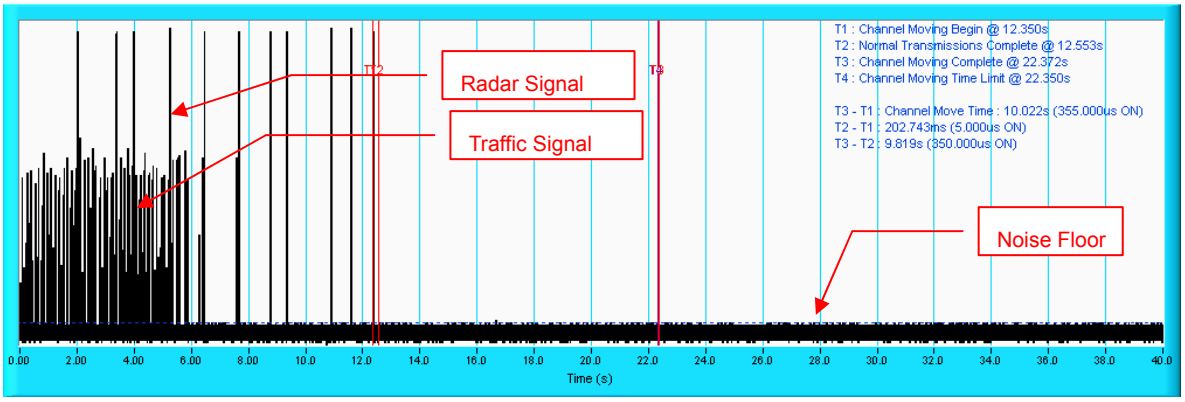


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

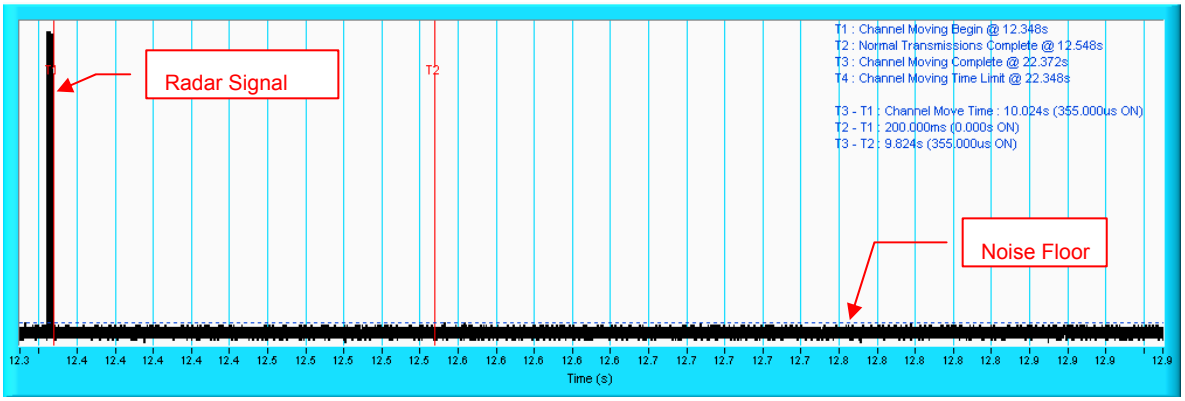


NOTE: An expanded plot for the device vacates the channel in the required 600ms

IEEE 802.11N 40MHz.



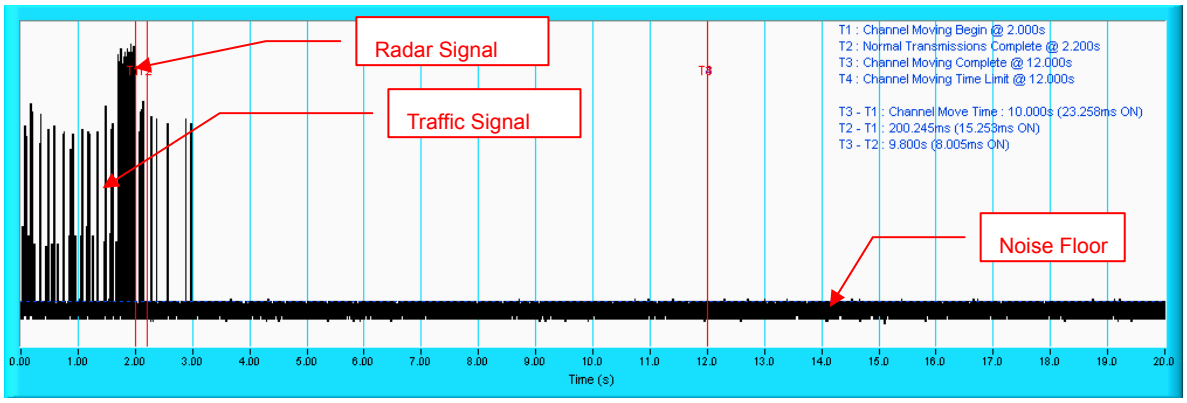
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



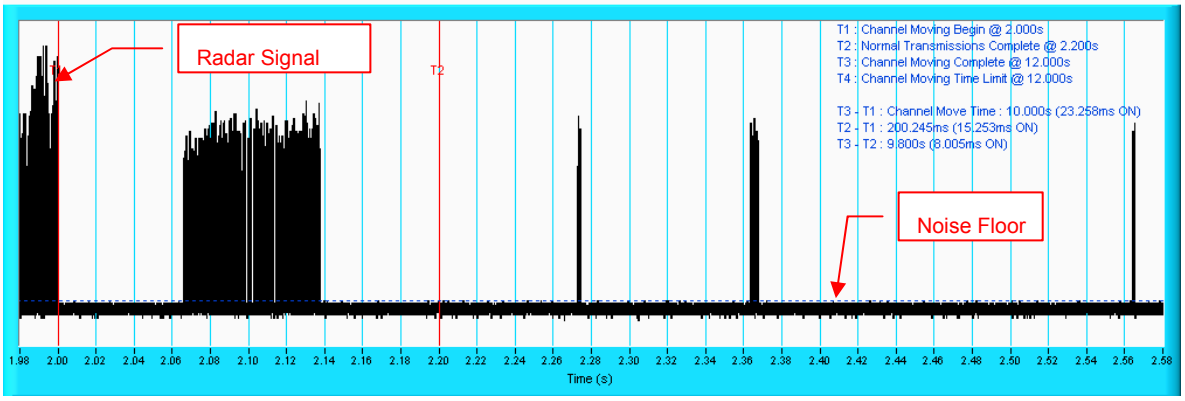
NOTE: An expanded plot for the device vacates the channel in the required 600ms.

Radar signal 6

IEEE 802.11N 20MHz.

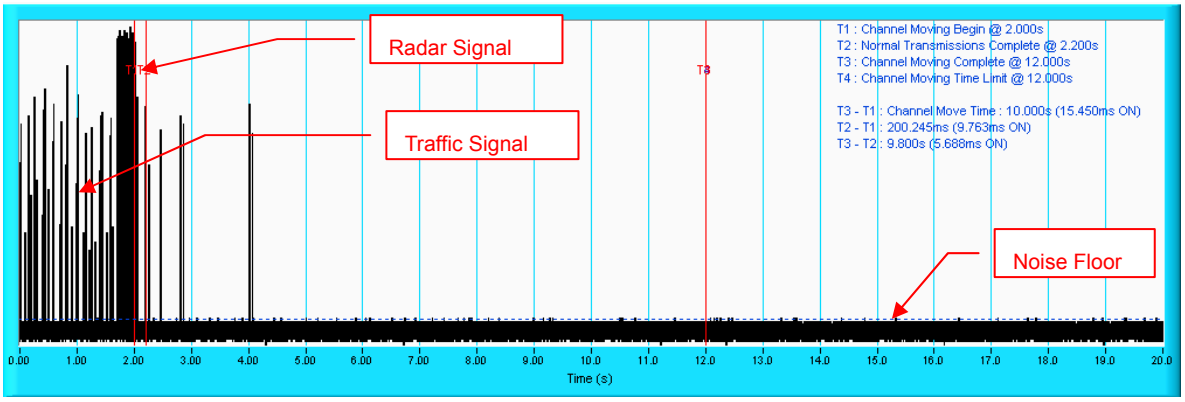


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

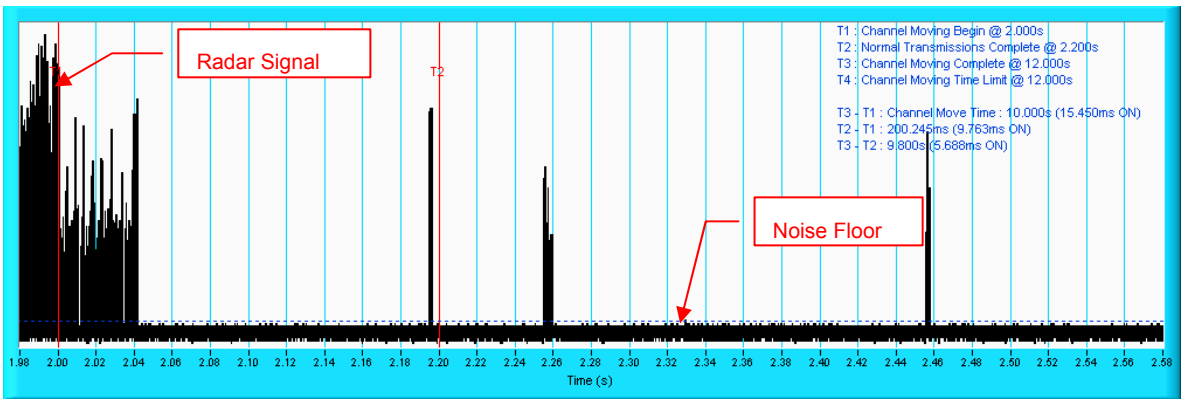


NOTE: An expanded plot for the device vacates the channel in the required 600ms

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	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	No
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	No
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 93.3 %

IEEE 802.11N 20MHz.

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	28	2.9u	187.0u	Yes
2	29	2.5u	180.0u	Yes
3	26	2.6u	181.0u	Yes
4	24	3.7u	193.0u	Yes
5	25	2.5u	200.0u	Yes
6	25	4.0u	208.0u	Yes
7	29	4.2u	195.0u	Yes
8	25	1.5u	223.0u	Yes
9	25	1.4u	156.0u	Yes
10	24	1.7u	196.0u	Yes
11	24	2.2u	196.0u	Yes
12	24	4.3u	189.0u	Yes
13	24	4.2u	171.0u	Yes
14	28	3.2u	184.0u	Yes
15	25	3.2u	196.0u	Yes
16	24	2.7u	161.0u	No
17	25	4.0u	172.0u	Yes
18	27	4.9u	210.0u	Yes
19	23	2.7u	230.0u	No
20	25	3.9u	207.0u	Yes
21	24	2.4u	218.0u	Yes
22	27	3.0u	160.0u	Yes
23	24	2.6u	218.0u	Yes
24	28	4.0u	230.0u	Yes
25	25	3.5u	165.0u	Yes
26	25	4.1u	213.0u	Yes
27	25	3.2u	213.0u	Yes
28	25	2.7u	202.0u	Yes
29	27	2.6u	187.0u	Yes
30	28	3.3u	226.0u	Yes
			Detection Rate: 93.3 %	

IEEE 802.11N 20MHz.

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.1u	303.0u	Yes
2	17	9.6u	257.0u	No
3	17	6.1u	495.0u	No
4	17	8.5u	392.0u	Yes
5	16	7.4u	349.0u	Yes
6	16	9.3u	325.0u	Yes
7	16	9.9u	302.0u	Yes
8	18	10.0u	347.0u	Yes
9	18	7.6u	469.0u	Yes
10	17	9.1u	475.0u	Yes
11	16	6.1u	418.0u	Yes
12	17	7.4u	341.0u	Yes
13	18	7.2u	481.0u	Yes
14	17	8.9u	219.0u	Yes
15	17	6.4u	428.0u	Yes
16	17	7.7u	427.0u	Yes
17	17	6.8u	464.0u	Yes
18	18	8.2u	277.0u	Yes
19	16	7.9u	495.0u	Yes
20	17	10.0u	230.0u	Yes
21	17	6.9u	496.0u	Yes
22	18	8.8u	441.0u	Yes
23	18	7.5u	495.0u	Yes
24	18	9.1u	448.0u	Yes
25	17	9.6u	298.0u	Yes
26	16	9.4u	246.0u	Yes
27	18	8.6u	267.0u	Yes
28	16	9.4u	250.0u	Yes
29	17	6.1u	205.0u	No
30	17	6.6u	460.0u	Yes
				Detection Rate: 90.0 %

IEEE 802.11N 20MHz.

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	13.0u	283.0u	Yes
2	15	14.2u	209.0u	Yes
3	14	11.9u	418.0u	Yes
4	13	16.1u	329.0u	Yes
5	12	17.1u	480.0u	Yes
6	13	14.6u	239.0u	No
7	16	12.3u	279.0u	No
8	12	13.7u	312.0u	Yes
9	12	13.2u	315.0u	No
10	16	11.3u	359.0u	Yes
11	15	17.1u	371.0u	Yes
12	16	14.4u	279.0u	No
13	12	18.9u	377.0u	Yes
14	14	15.0u	232.0u	No
15	13	16.4u	443.0u	Yes
16	13	19.8u	476.0u	No
17	12	11.9u	325.0u	Yes
18	15	16.9u	469.0u	No
19	14	19.5u	421.0u	Yes
20	14	13.1u	402.0u	Yes
21	14	12.5u	240.0u	Yes
22	13	15.4u	209.0u	Yes
23	13	11.4u	460.0u	Yes
24	15	17.1u	317.0u	Yes
25	15	18.8u	434.0u	No
26	14	19.7u	389.0u	No
27	13	12.2u	424.0u	Yes
28	14	12.6u	476.0u	Yes
29	15	11.7u	326.0u	Yes
30	16	19.7u	461.0u	No
				Detection Rate: 66.7 %

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	No
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	No
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	No
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 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	No
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	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	No
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	No
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 86.7 %

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	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	No
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 96.7 %

IEEE 802.11N 40MHz.

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	2.5u	156.0u	No
2	23	2.6u	201.0u	Yes
3	24	3.1u	197.0u	Yes
4	27	4.6u	151.0u	Yes
5	24	2.0u	166.0u	No
6	28	3.3u	217.0u	Yes
7	26	2.4u	210.0u	Yes
8	24	1.6u	156.0u	No
9	27	4.1u	204.0u	Yes
10	26	2.4u	184.0u	Yes
11	25	3.1u	160.0u	Yes
12	27	4.7u	222.0u	Yes
13	24	3.2u	170.0u	No
14	24	1.1u	212.0u	Yes
15	24	1.4u	221.0u	No
16	24	4.9u	200.0u	Yes
17	27	2.5u	155.0u	Yes
18	26	2.7u	192.0u	Yes
19	23	2.8u	221.0u	Yes
20	28	4.4u	202.0u	Yes
21	27	3.1u	200.0u	Yes
22	24	2.9u	180.0u	Yes
23	28	3.4u	199.0u	Yes
24	26	4.8u	161.0u	Yes
25	29	2.0u	223.0u	Yes
26	27	3.6u	182.0u	Yes
27	25	4.4u	163.0u	No
28	27	3.7u	173.0u	Yes
29	24	1.7u	200.0u	Yes
30	25	1.3u	210.0u	Yes
				Detection Rate: 80.0 %

IEEE 802.11N 40MHz.

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.1u	351.0u	Yes
2	17	9.0u	253.0u	Yes
3	17	7.0u	387.0u	Yes
4	16	7.1u	462.0u	Yes
5	17	9.3u	494.0u	Yes
6	18	10.0u	493.0u	Yes
7	18	7.8u	288.0u	Yes
8	16	6.5u	331.0u	Yes
9	18	8.5u	364.0u	Yes
10	18	8.9u	405.0u	Yes
11	17	9.1u	368.0u	Yes
12	17	9.3u	223.0u	Yes
13	16	8.3u	205.0u	Yes
14	17	7.1u	473.0u	Yes
15	17	7.7u	335.0u	No
16	18	6.5u	317.0u	Yes
17	17	6.3u	479.0u	Yes
18	18	7.6u	433.0u	Yes
19	17	8.3u	291.0u	Yes
20	16	6.4u	202.0u	No
21	17	9.3u	203.0u	Yes
22	16	7.7u	484.0u	Yes
23	17	9.0u	478.0u	Yes
24	18	9.1u	445.0u	Yes
25	17	7.6u	308.0u	Yes
26	18	9.7u	376.0u	Yes
27	16	9.4u	359.0u	Yes
28	18	8.3u	242.0u	Yes
29	18	9.1u	497.0u	Yes
30	18	6.4u	206.0u	Yes
				Detection Rate: 93.3 %

IEEE 802.11N 40MHz.

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	14.1u	286.0u	Yes
2	16	11.4u	361.0u	Yes
3	13	19.3u	327.0u	Yes
4	14	18.0u	460.0u	Yes
5	13	17.5u	407.0u	Yes
6	13	12.9u	473.0u	No
7	15	18.9u	402.0u	Yes
8	15	12.3u	248.0u	Yes
9	16	11.9u	331.0u	Yes
10	16	11.3u	349.0u	Yes
11	14	19.2u	322.0u	Yes
12	14	19.9u	346.0u	Yes
13	15	12.2u	489.0u	Yes
14	15	19.0u	249.0u	No
15	16	19.3u	322.0u	Yes
16	15	19.8u	364.0u	Yes
17	16	11.6u	392.0u	Yes
18	14	15.1u	297.0u	Yes
19	13	13.9u	470.0u	No
20	16	11.5u	219.0u	No
21	13	18.5u	254.0u	Yes
22	15	15.4u	427.0u	No
23	14	13.1u	456.0u	Yes
24	16	16.3u	297.0u	Yes
25	12	14.4u	448.0u	Yes
26	16	19.4u	228.0u	Yes
27	15	18.1u	311.0u	Yes
28	13	13.3u	416.0u	Yes
29	12	17.5u	327.0u	Yes
30	15	13.6u	312.0u	Yes
				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	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	No
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	No
18	LP_Signal_18	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.

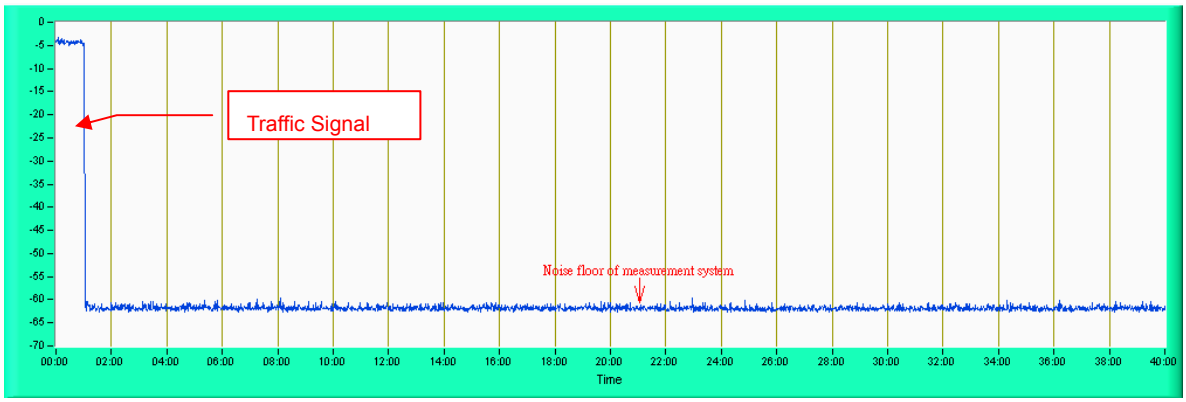
Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	No
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	No
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	No
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	No
		Detection Rate: 86.7 %

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.

IEEE 802.11N 20MHz.



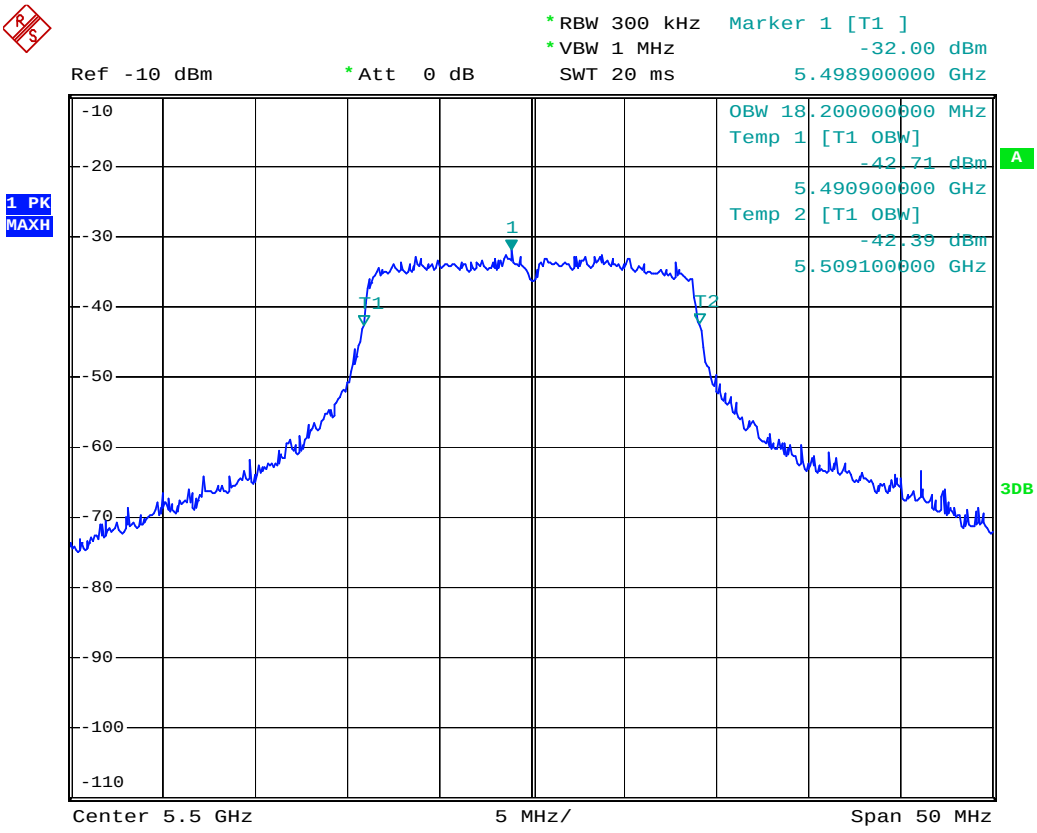
6.2.1.5 UNIFORM SPREADING

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.

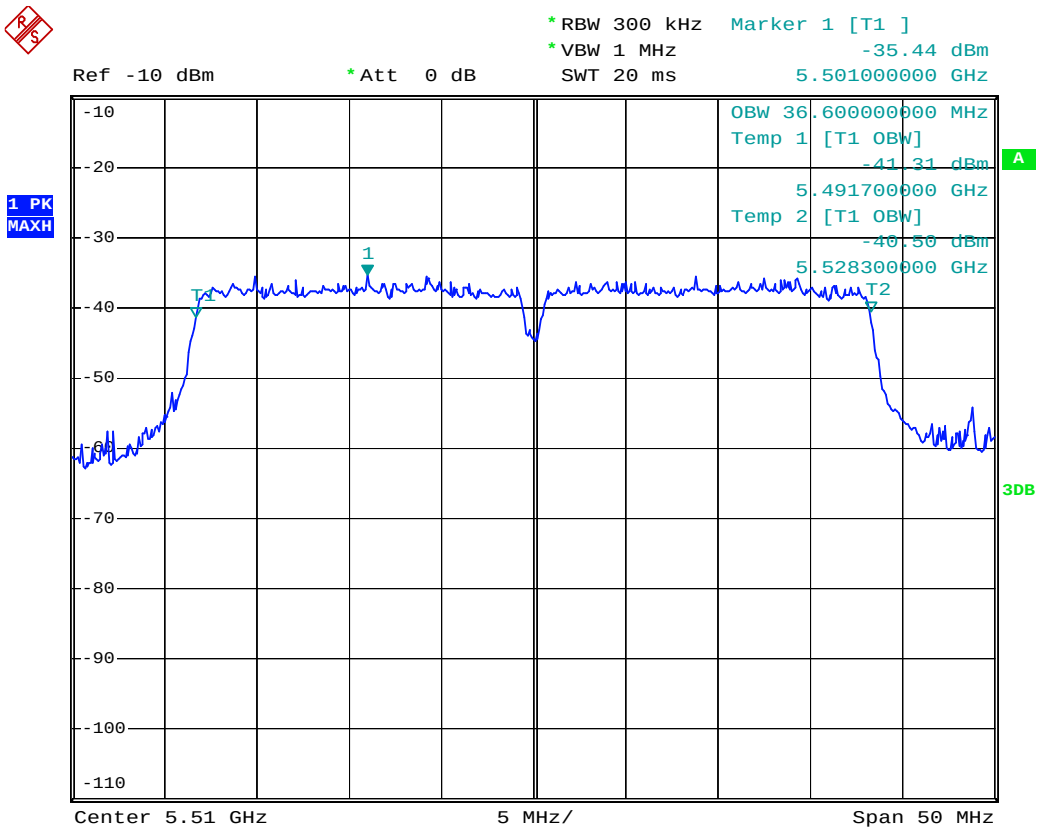
6.2.1.6 U-NII DETECTION BANDWIDTH

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: 18.2MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 14.56 MHz 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
5492	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90
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	N	90

Detection Bandwidth Test - IEEE 802.11N 40MHz											
EUT Frequency: 5510MHz EUT 99% Power bandwidth: 36.6MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 29.28 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	N	Y	Y	Y	Y	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	N	Y	Y	Y	Y	Y	Y	Y	Y	90
5529	Y	Y	Y	N	Y	Y	Y	N	Y	Y	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

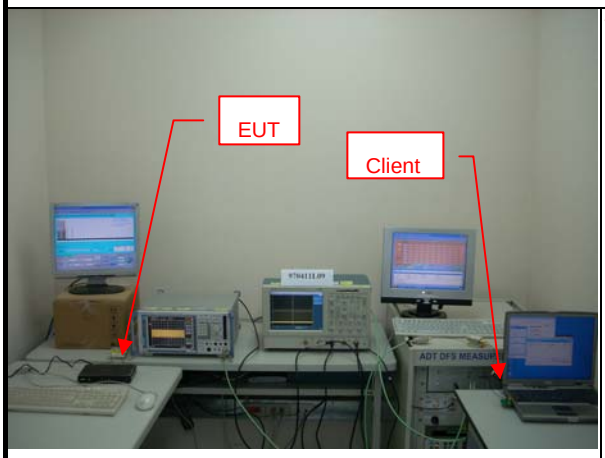
Web Site: www.adt.com.tw

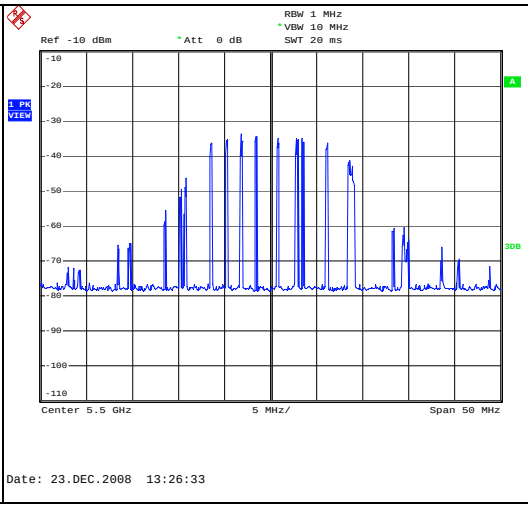
The address and road map of all our labs can be found in our web site also.

8. APPENDIX

8.1 APPENDIX-A

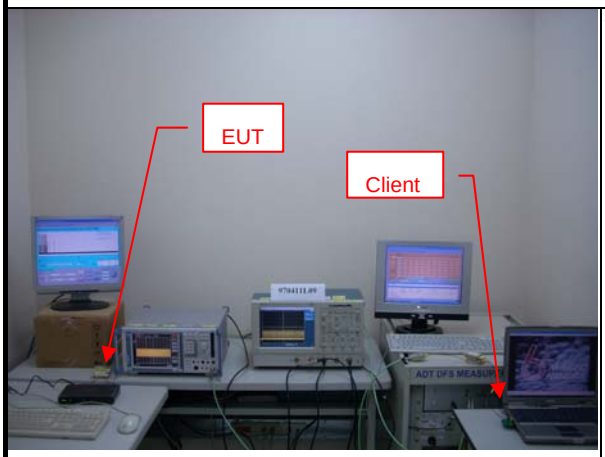
1) Test results demonstrating Master links with Client on a test frequency.

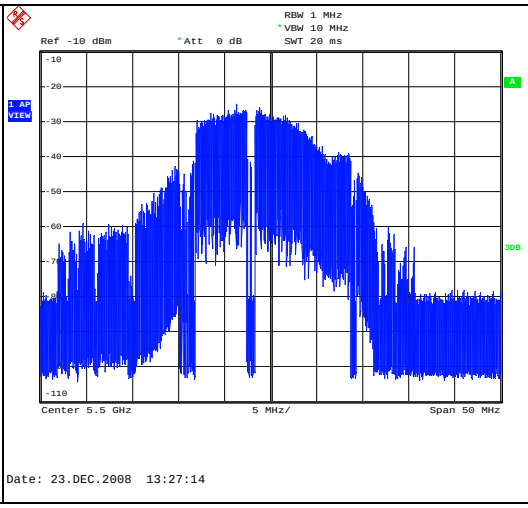




EUT (MASTER) links with Client on 5500MHz

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 file 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: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	93.1u	1.852m	-	279.6m
2	2	12M	92.4u	1.624m	-	563.5m
3	2	12M	95.5u	1.325m	-	572.0m
4	2	5M	81.3u	1.290m	-	572.6m
5	1	14M	54.4u	-	-	566.8m
6	2	8M	54.9u	1.228m	-	600.1m
7	3	9M	98.3u	1.217m	1.418m	779.0m
8	2	20M	72.5u	951.5u	-	731.8m
9	2	17M	60.6u	1.607m	-	398.0m
10	3	7M	66.6u	1.539m	1.015m	537.3m
11	2	12M	93.2u	1.575m	-	80.64m
12	2	10M	57.6u	1.367m	-	166.1m
13	3	13M	67.6u	1.699m	1.341m	80.09m
14	2	13M	82.5u	1.759m	-	241.5m
15	3	8M	57.1u	1.271m	1.772m	583.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	63.9u	1.541m	1.154m	557.6m
2	2	19M	79.2u	1.448m	-	158.8m
3	2	7M	60.5u	1.164m	-	580.3m
4	2	12M	72.1u	993.9u	-	133.7m
5	3	9M	57.3u	1.171m	1.660m	418.0m
6	2	13M	91.4u	1.761m	-	278.2m
7	1	8M	65.3u	-	-	166.8m
8	1	8M	64.9u	-	-	248.6m
9	3	8M	95.6u	941.4u	1.206m	378.2m
10	1	11M	99.8u	-	-	266.3m
11	3	15M	80.3u	1.289m	1.889m	70.96m
12	3	9M	77.6u	1.831m	1.084m	282.3m
13	1	10M	75.9u	-	-	23.80m
14	2	19M	73.5u	1.891m	-	288.7m
15	2	8M	74.2u	1.878m	-	95.70m
16	1	10M	74.5u	-	-	18.05m
17	2	17M	51.1u	1.227m	-	452.7m
18	1	16M	86.5u	-	-	655.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	64.4u	-	-	615.2m
2	2	19M	64.4u	1.837m	-	494.9m
3	3	17M	72.3u	1.899m	1.838m	335.0m
4	2	7M	95.5u	1.802m	-	323.3m
5	1	8M	95.0u	-	-	414.1m
6	2	16M	71.5u	1.190m	-	361.0m
7	3	14M	66.7u	1.875m	1.479m	219.1m
8	3	8M	95.8u	1.684m	1.486m	240.8m
9	3	11M	94.5u	923.5u	1.842m	367.6m
10	2	15M	99.4u	1.325m	-	53.35m
11	2	15M	57.4u	1.086m	-	595.1m
12	2	19M	70.1u	1.570m	-	737.9m
13	1	10M	82.0u	-	-	636.7m
14	3	5M	76.9u	1.396m	1.787m	31.43m
15	2	11M	88.3u	1.759m	-	595.9m
16	1	6M	82.0u	-	-	585.8m

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	9M	87.4u	1.519m	-	555.1m
2	2	13M	80.9u	1.166m	-	146.7m
3	2	9M	74.0u	1.846m	-	446.0m
4	2	14M	61.2u	1.296m	-	221.2m
5	1	6M	60.5u	-	-	577.0m
6	2	8M	64.8u	1.161m	-	210.5m
7	2	12M	90.9u	1.281m	-	538.6m
8	1	14M	84.2u	-	-	502.2m
9	3	18M	62.4u	1.056m	1.267m	853.1m
10	2	13M	66.8u	1.040m	-	16.57m
11	2	15M	84.4u	1.846m	-	654.2m
12	3	7M	56.6u	1.891m	1.477m	821.9m
13	2	15M	58.4u	1.205m	-	103.3m
14	1	20M	65.6u	-	-	709.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	84.3u	-	-	738.4m
2	2	9M	91.1u	1.122m	-	384.8m
3	3	11M	75.0u	1.409m	1.710m	722.4m
4	1	14M	73.7u	-	-	403.7m
5	2	13M	60.7u	1.127m	-	206.1m
6	2	16M	60.1u	1.374m	-	592.1m
7	2	19M	82.1u	1.105m	-	728.5m
8	2	7M	73.0u	1.275m	-	219.6m
9	2	8M	91.5u	1.328m	-	275.0m
10	2	20M	93.3u	1.190m	-	607.7m
11	1	15M	66.9u	-	-	755.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	87.2u	1.365m	-	120.8m
2	2	16M	61.9u	1.337m	-	233.8m
3	3	10M	89.6u	1.404m	1.410m	323.4m
4	1	5M	80.3u	-	-	149.4m
5	3	13M	98.1u	1.851m	1.784m	291.0m
6	2	16M	89.9u	1.879m	-	15.25m
7	1	13M	78.9u	-	-	324.4m
8	2	6M	54.9u	1.276m	-	544.1m
9	1	9M	95.6u	-	-	578.3m
10	2	7M	98.8u	1.089m	-	145.0m
11	2	16M	52.9u	1.939m	-	584.1m
12	1	17M	58.9u	-	-	577.7m
13	1	8M	56.6u	-	-	588.8m
14	3	9M	94.8u	1.667m	1.460m	87.45m
15	1	9M	71.5u	-	-	660.1m
16	2	12M	91.8u	1.301m	-	301.9m
17	2	10M	90.6u	1.463m	-	469.8m
18	2	6M	63.7u	1.311m	-	590.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	66.5u	-	-	1.087
2	1	13M	65.9u	-	-	218.9m
3	1	14M	98.9u	-	-	908.2m
4	2	5M	56.6u	1.015m	-	514.8m
5	1	14M	74.4u	-	-	156.4m
6	2	12M	86.7u	1.234m	-	678.1m
7	2	14M	85.3u	1.451m	-	1.161
8	2	19M	83.3u	1.060m	-	596.4m
9	2	10M	74.5u	1.688m	-	143.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	58.1u	1.781m	-	360.8m
2	2	14M	98.2u	1.782m	-	422.6m
3	1	9M	81.2u	-	-	748.2m
4	3	16M	98.9u	1.288m	1.772m	803.1m
5	1	20M	56.8u	-	-	164.9m
6	2	13M	80.2u	1.592m	-	640.6m
7	3	9M	51.5u	1.260m	1.677m	970.3m
8	2	14M	91.3u	1.086m	-	429.6m
9	2	16M	82.3u	1.212m	-	780.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	79.3u	1.108m	-	240.1m
2	2	15M	75.1u	1.846m	-	813.8m
3	3	16M	91.6u	921.4u	1.366m	215.7m
4	2	10M	85.2u	1.364m	-	65.31m
5	2	11M	64.7u	1.378m	-	21.50m
6	3	8M	94.8u	1.116m	1.589m	817.8m
7	3	12M	78.6u	1.327m	1.356m	957.1m
8	2	7M	88.6u	1.555m	-	699.8m
9	2	13M	54.2u	1.212m	-	584.7m
10	3	15M	85.4u	1.575m	1.339m	568.4m
11	2	19M	51.1u	1.224m	-	967.4m
12	1	11M	61.2u	-	-	82.00m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 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	19M	58.0u	1.834m	1.009m	456.3m
2	3	12M	55.1u	1.265m	1.651m	64.05m
3	1	12M	53.1u	-	-	435.3m
4	2	16M	78.9u	1.156m	-	418.4m
5	2	12M	84.1u	1.292m	-	627.0m
6	2	12M	81.1u	1.407m	-	712.0m
7	1	19M	69.1u	-	-	137.5m
8	2	8M	89.6u	1.100m	-	424.7m
9	1	12M	65.3u	-	-	385.9m
10	2	6M	75.6u	1.533m	-	484.8m
11	1	10M	87.8u	-	-	117.3m
12	2	17M	55.6u	979.4u	-	394.2m
13	2	7M	92.3u	989.7u	-	716.0m
14	3	9M	73.5u	1.210m	1.839m	549.3m
15	2	15M	61.6u	1.804m	-	613.0m
16	2	7M	50.8u	1.279m	-	360.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	63.4u	1.510m	-	520.4m
2	2	18M	70.6u	1.433m	-	315.0m
3	2	10M	63.7u	1.480m	-	759.9m
4	2	15M	73.8u	1.247m	-	248.5m
5	2	10M	52.2u	1.038m	-	683.7m
6	2	7M	80.8u	1.586m	-	589.3m
7	3	14M	62.0u	1.915m	1.448m	566.9m
8	2	8M	58.4u	1.804m	-	539.7m
9	1	18M	61.0u	-	-	359.0m
10	2	17M	65.5u	1.517m	-	605.1m
11	2	14M	79.1u	1.558m	-	550.5m
12	3	15M	52.6u	1.688m	988.4u	188.4m
13	1	16M	61.5u	-	-	698.4m
14	1	19M	66.9u	-	-	28.41m
15	3	5M	81.3u	1.665m	1.036m	414.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	94.4u	1.587m	-	130.3m
2	1	13M	91.3u	-	-	73.00m
3	3	19M	53.2u	1.377m	1.540m	835.5m
4	2	7M	60.1u	1.031m	-	194.8m
5	3	10M	66.0u	1.687m	1.323m	790.5m
6	1	16M	75.4u	-	-	308.0m
7	1	7M	76.5u	-	-	628.0m
8	3	20M	79.1u	1.040m	1.229m	642.5m
9	1	10M	91.1u	-	-	334.5m
10	3	14M	85.7u	1.832m	1.758m	828.7m
11	1	15M	76.9u	-	-	263.7m
12	2	12M	52.1u	1.784m	-	767.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	86.0u	1.104m	1.155m	410.8m
2	3	6M	60.2u	1.262m	1.874m	858.7m
3	2	17M	51.1u	995.9u	-	315.2m
4	3	10M	75.7u	1.647m	1.687m	259.3m
5	1	18M	88.9u	-	-	217.8m
6	3	7M	69.0u	1.276m	1.726m	480.9m
7	2	16M	53.1u	1.143m	-	102.6m
8	2	11M	64.9u	1.574m	-	317.4m
9	3	19M	58.6u	1.934m	1.285m	539.8m
10	2	6M	62.9u	1.374m	-	546.1m
11	2	19M	64.5u	989.5u	-	164.8m
12	1	19M	66.7u	-	-	795.5m

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	10M	81.2u	1.707m	1.068m	341.6m
2	2	18M	88.5u	1.112m	-	682.9m
3	1	10M	84.2u	-	-	738.2m
4	2	13M	68.7u	1.244m	-	286.8m
5	2	10M	57.4u	1.756m	-	467.3m
6	2	9M	62.9u	1.364m	-	734.3m
7	3	6M	75.6u	1.686m	1.445m	824.5m
8	2	10M	52.7u	1.581m	-	651.3m
9	2	10M	88.5u	959.5u	-	507.3m
10	3	7M	60.1u	946.9u	1.639m	295.1m
11	2	11M	74.3u	1.509m	-	277.4m
12	1	15M	91.2u	-	-	191.1m
13	1	7M	57.1u	-	-	526.6m
14	3	12M	86.8u	1.618m	1.398m	282.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	97.8u	1.278m	-	146.3m
2	2	9M	64.2u	1.615m	-	1.011
3	1	14M	97.7u	-	-	573.4m
4	3	11M	84.4u	1.325m	1.795m	255.1m
5	1	6M	78.1u	-	-	609.4m
6	2	10M	66.2u	937.8u	-	228.9m
7	2	16M	70.7u	1.253m	-	590.7m
8	1	12M	89.7u	-	-	335.6m
9	1	11M	84.2u	-	-	483.7m
10	1	9M	74.8u	-	-	383.2m

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	3	7M	57.7u	1.905m	1.817m	193.3m
2	3	18M	60.3u	1.299m	1.759m	363.0m
3	2	9M	60.7u	1.137m	-	235.2m
4	3	14M	93.8u	1.353m	1.673m	551.0m
5	2	7M	60.9u	1.034m	-	125.5m
6	3	12M	61.9u	1.754m	1.891m	369.7m
7	3	6M	97.3u	1.889m	1.609m	132.4m
8	3	13M	92.9u	1.862m	1.011m	69.35m
9	2	10M	79.3u	1.402m	-	359.7m
10	2	16M	53.9u	1.828m	-	43.87m
11	1	15M	68.2u	-	-	613.2m
12	1	7M	77.0u	-	-	190.4m
13	2	11M	90.9u	1.466m	-	4.856m
14	1	18M	73.9u	-	-	345.1m
15	3	11M	51.9u	1.584m	1.761m	435.1m
16	2	11M	60.6u	1.734m	-	197.3m
17	1	10M	70.9u	-	-	451.5m
18	2	15M	99.6u	1.409m	-	353.1m
19	3	8M	87.6u	1.218m	983.4u	219.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	71.1u	1.529m	-	36.13m
2	2	13M	75.5u	1.492m	-	923.2m
3	2	16M	59.4u	1.018m	-	1.026
4	2	9M	80.4u	1.186m	-	288.7m
5	3	12M	72.0u	1.039m	1.690m	93.80m
6	2	15M	95.5u	1.371m	-	204.5m
7	2	19M	69.5u	1.213m	-	1.085
8	3	10M	82.3u	1.212m	1.082m	1.031
9	2	19M	89.8u	1.664m	-	501.6m
10	3	15M	62.9u	1.615m	1.025m	1.165

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	83.3u	1.616m	-	15.20m
2	2	19M	56.8u	1.038m	-	587.6m
3	2	17M	80.2u	1.405m	-	499.4m
4	3	17M	88.9u	1.412m	1.774m	383.6m
5	2	16M	64.2u	1.682m	-	143.0m
6	3	19M	88.3u	1.481m	1.909m	215.8m
7	2	6M	83.4u	1.606m	-	114.4m
8	1	20M	92.6u	-	-	71.31m
9	2	19M	89.8u	1.266m	-	265.5m
10	1	7M	92.7u	-	-	19.40m
11	1	6M	76.3u	-	-	163.7m
12	1	9M	57.4u	-	-	588.9m
13	2	9M	60.4u	1.654m	-	252.0m
14	1	13M	78.6u	-	-	558.2m
15	3	15M	71.0u	1.048m	1.593m	536.8m
16	3	13M	95.4u	1.752m	1.037m	287.2m
17	1	10M	81.3u	-	-	33.47m
18	2	14M	98.4u	1.534m	-	177.5m
19	1	11M	98.6u	-	-	164.1m
20	1	6M	97.8u	-	-	390.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 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	60.5u	1.597m	1.493m	666.2m
2	3	7M	67.4u	1.834m	1.767m	664.8m
3	2	13M	90.9u	1.717m	-	134.9m
4	2	20M	80.0u	1.686m	-	454.7m
5	3	16M	50.1u	1.625m	1.583m	632.4m
6	1	10M	79.9u	-	-	404.9m
7	1	14M	68.3u	-	-	228.0m
8	2	10M	87.3u	1.051m	-	318.2m
9	3	8M	85.6u	1.175m	1.273m	38.34m
10	1	18M	71.8u	-	-	606.4m
11	1	17M	75.1u	-	-	746.3m
12	2	17M	59.0u	945.0u	-	648.2m
13	2	18M	95.1u	992.9u	-	51.35m
14	2	12M	53.2u	1.433m	-	691.9m
15	2	13M	50.9u	1.701m	-	558.9m
16	2	19M	76.8u	968.2u	-	441.6m

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	3	8M	66.4u	1.933m	938.6u	578.3m
2	2	10M	55.0u	1.372m	-	216.5m
3	2	20M	90.9u	1.870m	-	747.0m
4	2	6M	68.4u	1.505m	-	734.6m
5	3	13M	95.1u	1.368m	1.164m	656.1m
6	3	14M	78.5u	1.868m	1.082m	301.8m
7	2	7M	56.2u	1.186m	-	601.6m
8	2	6M	76.6u	1.250m	-	187.5m
9	1	18M	67.9u	-	-	325.1m
10	1	17M	75.3u	-	-	684.2m
11	2	19M	70.9u	1.057m	-	300.6m
12	3	11M	68.0u	1.029m	1.461m	421.8m
13	3	6M	68.1u	1.760m	1.478m	336.1m
14	2	12M	50.6u	1.454m	-	588.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	92.1u	1.674m	-	398.6m
2	2	20M	96.7u	1.696m	-	1.151
3	2	8M	77.4u	1.065m	-	1.176
4	3	12M	61.3u	1.007m	1.667m	783.3m
5	2	13M	72.8u	1.030m	-	419.8m
6	3	12M	62.8u	942.2u	1.215m	109.9m
7	3	12M	78.2u	1.319m	1.828m	488.8m
8	2	8M	69.3u	1.431m	-	231.8m
9	2	7M	96.3u	1.313m	-	651.8m
10	1	12M	75.8u	-	-	517.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	54.9u	-	-	314.6m
2	3	7M	75.8u	1.882m	1.281m	58.89m
3	1	18M	92.5u	-	-	133.9m
4	1	19M	77.5u	-	-	70.85m
5	3	8M	67.7u	1.797m	1.798m	597.5m
6	2	17M	79.4u	1.560m	-	307.3m
7	3	12M	75.5u	989.5u	1.778m	329.2m
8	3	16M	73.3u	1.388m	1.656m	700.4m
9	2	6M	98.6u	1.337m	-	687.0m
10	2	16M	62.2u	1.602m	-	404.4m
11	3	6M	85.3u	1.403m	1.861m	174.3m
12	1	5M	93.8u	-	-	125.6m
13	3	10M	77.6u	968.4u	1.750m	639.1m
14	3	13M	73.5u	964.5u	1.859m	638.6m
15	2	9M	96.6u	1.191m	-	699.9m
16	2	10M	61.5u	1.855m	-	593.5m
17	2	11M	87.0u	1.026m	-	528.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 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	7M	95.2u	-	-	761.0m
2	3	12M	65.0u	1.162m	1.824m	764.0m
3	2	14M	67.7u	1.494m	-	144.6m
4	2	12M	86.4u	1.317m	-	80.95m
5	1	16M	68.5u	-	-	97.48m
6	1	16M	84.8u	-	-	262.0m
7	1	15M	66.9u	-	-	739.4m
8	1	10M	63.1u	-	-	483.4m
9	3	6M	76.5u	1.579m	1.523m	440.7m
10	2	11M	75.3u	1.156m	-	314.4m
11	2	18M	83.4u	1.173m	-	778.0m
12	3	19M	53.8u	1.623m	1.629m	534.7m
13	3	6M	64.8u	1.290m	1.522m	22.59m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 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	19M	96.8u	-	-	99.45m
2	1	18M	96.7u	-	-	920.4m
3	3	19M	50.1u	1.420m	1.009m	621.8m
4	1	8M	62.8u	-	-	6.263m
5	2	10M	88.6u	1.284m	-	1.070
6	2	19M	83.2u	1.585m	-	658.3m
7	1	7M	74.0u	-	-	945.9m
8	2	19M	92.9u	1.260m	-	163.9m
9	2	17M	60.7u	1.165m	-	233.1m
10	2	14M	92.8u	1.885m	-	551.2m
11	2	12M	83.8u	1.869m	-	641.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	99.1u	1.776m	1.599m	549.6m
2	1	9M	68.6u	-	-	1.163
3	1	15M	60.5u	-	-	345.4m
4	2	11M	88.4u	997.6u	-	1.046
5	3	13M	50.5u	1.161m	951.5u	43.49m
6	3	12M	50.9u	1.568m	1.297m	482.7m
7	3	13M	95.5u	1.403m	1.583m	436.2m
8	2	9M	89.4u	932.6u	-	385.0m
9	1	11M	87.1u	-	-	576.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	60.5u	-	-	38.87m
2	3	9M	75.5u	1.606m	1.066m	122.8m
3	2	7M	59.0u	1.529m	-	322.0m
4	2	15M	56.3u	1.195m	-	235.3m
5	2	15M	63.6u	1.586m	-	328.5m
6	3	13M	71.6u	1.006m	1.240m	274.0m
7	3	6M	71.3u	1.387m	1.053m	22.44m
8	1	12M	68.7u	-	-	30.22m
9	1	9M	78.2u	-	-	335.9m
10	3	6M	82.6u	1.871m	1.733m	357.9m
11	2	19M	75.4u	1.273m	-	230.7m
12	3	12M	60.6u	1.934m	1.279m	50.72m
13	2	18M	81.6u	1.460m	-	886.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 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	10M	96.8u	1.762m	1.344m	319.4m
2	2	8M	61.0u	1.364m	-	49.27m
3	2	13M	52.7u	1.415m	-	47.44m
4	2	16M	64.1u	1.623m	-	324.2m
5	1	13M	74.4u	-	-	729.9m
6	1	9M	81.8u	-	-	719.5m
7	3	14M	57.5u	1.687m	1.487m	343.1m
8	2	9M	77.0u	1.522m	-	7.407m
9	2	16M	70.3u	1.601m	-	611.6m
10	2	11M	56.0u	1.009m	-	60.39m
11	2	5M	60.2u	1.877m	-	13.99m
12	2	6M	75.9u	1.261m	-	376.2m
13	3	14M	97.6u	1.099m	1.739m	458.5m
14	1	9M	82.0u	-	-	305.5m
15	2	10M	55.6u	1.825m	-	269.2m
16	2	11M	81.6u	1.202m	-	488.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 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	15M	60.4u	1.331m	1.836m	689.7m
2	1	11M	67.8u	-	-	392.1m
3	1	7M	91.1u	-	-	600.1m
4	2	16M	70.4u	1.913m	-	471.1m
5	2	7M	99.4u	1.214m	-	624.5m
6	3	12M	98.6u	1.792m	1.286m	526.6m
7	2	14M	56.4u	1.317m	-	551.8m
8	1	12M	88.9u	-	-	558.6m
9	2	10M	74.6u	1.774m	-	180.7m
10	2	7M	99.9u	1.381m	-	287.7m
11	2	5M	54.2u	1.388m	-	853.0m
12	2	12M	75.3u	1.105m	-	242.5m
13	2	12M	73.8u	1.841m	-	584.7m
14	3	7M	65.6u	1.436m	1.825m	325.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	53.9u	1.039m	-	234.8m
2	2	16M	97.2u	1.806m	-	79.23m
3	2	12M	63.9u	1.349m	-	366.1m
4	3	17M	65.0u	1.470m	1.420m	355.0m
5	2	9M	63.4u	1.104m	-	168.1m
6	2	10M	70.8u	1.483m	-	499.9m
7	3	16M	97.0u	1.482m	1.834m	972.5m
8	2	18M	95.2u	1.335m	-	708.7m
9	2	6M	76.8u	1.725m	-	957.7m
10	2	5M	98.8u	956.2u	-	249.6m
11	1	17M	80.4u	-	-	604.4m
12	2	7M	58.1u	1.531m	-	950.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	79.1u	1.160m	-	766.1m
2	3	7M	51.2u	1.334m	1.095m	510.7m
3	2	13M	77.4u	1.902m	-	514.9m
4	2	8M	68.4u	1.539m	-	318.6m
5	2	6M	57.3u	1.865m	-	709.3m
6	2	9M	83.9u	1.250m	-	154.8m
7	2	7M	95.2u	1.603m	-	214.0m
8	2	19M	87.6u	1.775m	-	312.7m
9	2	6M	70.6u	1.239m	-	452.0m
10	2	17M	61.8u	1.929m	-	502.9m
11	3	6M	88.5u	1.475m	1.419m	467.7m
12	2	13M	55.3u	1.762m	-	990.5m

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Long Pulse Radar Test Signal Test Signal Name: LP_Signal_01 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	51.5u	1.900m	-	36.10m
2	2	19M	51.8u	1.087m	-	241.7m
3	1	15M	78.5u	-	-	351.8m
4	3	19M	63.3u	1.781m	1.245m	492.4m
5	1	6M	85.5u	-	-	607.3m
6	3	6M	85.6u	1.192m	1.454m	323.7m
7	2	17M	84.8u	1.142m	-	292.1m
8	2	6M	70.2u	1.668m	-	183.4m
9	2	11M	61.1u	1.735m	-	274.9m
10	2	17M	82.1u	1.422m	-	551.9m
11	2	9M	53.8u	1.894m	-	389.1m
12	3	6M	62.1u	1.512m	1.540m	630.9m
13	2	14M	52.4u	1.819m	-	549.3m
14	2	16M	86.9u	1.830m	-	373.2m
15	2	6M	79.8u	1.540m	-	339.5m
16	2	14M	60.4u	947.6u	-	410.1m
17	2	19M	98.0u	1.860m	-	117.9m
18	2	19M	64.4u	945.6u	-	17.23m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 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	16M	62.1u	1.475m	-	252.9m
2	1	15M	64.4u	-	-	399.4m
3	3	12M	85.5u	1.071m	1.452m	325.6m
4	2	18M	64.4u	1.731m	-	561.5m
5	1	11M	69.0u	-	-	522.9m
6	1	8M	64.7u	-	-	558.6m
7	1	19M	78.4u	-	-	189.4m
8	2	7M	85.8u	1.105m	-	562.8m
9	2	16M	80.8u	1.186m	-	515.9m
10	2	17M	78.8u	1.816m	-	515.8m
11	3	10M	88.7u	1.759m	1.628m	355.1m
12	3	15M	71.0u	973.0u	1.852m	563.3m
13	3	17M	73.2u	1.132m	1.155m	649.3m
14	2	8M	92.8u	1.109m	-	648.1m
15	2	18M	65.6u	1.395m	-	272.0m
16	3	11M	92.0u	942.0u	1.813m	384.3m
17	3	18M	76.2u	1.734m	1.021m	342.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 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	64.4u	1.914m	1.774m	456.5m
2	2	15M	71.0u	1.021m	-	174.6m
3	2	19M	95.1u	1.294m	-	1.017
4	1	10M	61.4u	-	-	1.033
5	3	16M	51.7u	1.259m	1.811m	920.8m
6	1	12M	93.7u	-	-	384.2m
7	2	10M	92.7u	1.565m	-	1.034
8	2	13M	82.8u	1.806m	-	536.3m
9	1	16M	89.4u	-	-	1.110

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	65.7u	1.828m	-	1.137
2	3	12M	72.9u	1.422m	1.074m	1.278
3	1	6M	76.9u	-	-	784.5m
4	3	16M	96.5u	1.166m	1.542m	672.2m
5	2	15M	70.1u	1.838m	-	953.5m
6	2	18M	66.5u	1.515m	-	748.0m
7	2	6M	62.2u	1.201m	-	425.4m
8	3	16M	87.5u	1.330m	1.698m	1.406

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 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	18M	99.5u	1.380m	-	383.4m
2	3	18M	82.0u	1.185m	1.088m	518.6m
3	2	18M	70.8u	1.712m	-	979.9m
4	3	5M	64.9u	1.233m	1.293m	388.5m
5	2	20M	82.9u	1.698m	-	204.7m
6	1	5M	87.7u	-	-	996.8m
7	2	16M	73.1u	1.923m	-	927.8m
8	3	19M	96.2u	1.527m	1.122m	160.3m
9	2	17M	92.5u	923.5u	-	418.4m
10	2	6M	66.7u	1.924m	-	596.9m
11	3	7M	64.4u	1.160m	952.6u	641.2m
12	3	20M	75.4u	1.626m	1.482m	81.46m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 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	14M	80.0u	-	-	817.0m
2	2	20M	86.7u	1.546m	-	476.1m
3	2	9M	63.7u	1.681m	-	24.79m
4	2	13M	84.0u	1.112m	-	544.2m
5	1	16M	84.2u	-	-	845.9m
6	2	17M	58.2u	1.531m	-	253.0m
7	2	17M	74.3u	1.285m	-	765.5m
8	2	15M	99.8u	1.145m	-	358.9m
9	3	19M	58.6u	1.016m	1.562m	155.3m
10	1	20M	62.0u	-	-	375.8m
11	2	12M	85.5u	1.012m	-	505.7m
12	2	9M	92.7u	1.502m	-	265.0m
13	2	14M	56.2u	1.677m	-	444.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	71.7u	1.536m	-	122.2m
2	1	11M	70.3u	-	-	73.37m
3	2	6M	82.4u	1.852m	-	215.3m
4	2	19M	95.8u	1.063m	-	764.6m
5	2	13M	81.9u	1.050m	-	889.8m
6	1	8M	98.3u	-	-	279.1m
7	1	12M	89.5u	-	-	282.2m
8	2	7M	73.4u	1.723m	-	525.3m
9	1	13M	84.3u	-	-	873.9m
10	3	14M	65.4u	1.808m	1.101m	639.3m
11	2	19M	66.3u	1.828m	-	483.5m
12	2	15M	71.7u	963.3u	-	732.6m
13	2	9M	66.4u	1.165m	-	801.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	80.0u	-	-	1.377
2	3	13M	76.0u	1.644m	1.895m	967.9m
3	1	19M	68.0u	-	-	1.393
4	3	19M	80.3u	1.877m	1.546m	356.8m
5	2	16M	97.1u	1.168m	-	1.124
6	3	12M	84.2u	1.869m	1.157m	1.211
7	1	12M	90.4u	-	-	1.208
8	3	15M	60.8u	1.420m	1.320m	1.107

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	2	13M	62.7u	1.342m	-	381.0m
2	1	8M	74.0u	-	-	192.8m
3	2	8M	68.8u	1.742m	-	539.7m
4	2	7M	94.8u	1.761m	-	320.6m
5	2	15M	51.3u	1.888m	-	375.7m
6	3	17M	51.0u	1.627m	1.286m	499.5m
7	1	10M	54.8u	-	-	143.7m
8	3	12M	60.9u	1.630m	1.608m	74.26m
9	2	14M	79.8u	1.572m	-	479.2m
10	2	12M	76.0u	1.032m	-	37.24m
11	2	7M	92.9u	1.715m	-	454.5m
12	2	11M	50.7u	1.689m	-	143.5m
13	1	11M	56.7u	-	-	262.4m
14	2	18M	71.1u	1.307m	-	17.00m
15	1	8M	86.2u	-	-	454.5m
16	3	18M	59.1u	1.359m	1.022m	113.4m
17	1	18M	92.6u	-	-	221.2m
18	3	8M	51.8u	1.449m	1.055m	537.4m
19	1	8M	65.4u	-	-	506.1m
20	2	7M	59.7u	1.123m	-	91.39m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	66.5u	962.5u	-	455.8m
2	3	11M	86.5u	1.647m	990.5u	371.2m
3	2	10M	69.9u	1.485m	-	169.1m
4	3	10M	95.6u	1.034m	1.242m	552.2m
5	2	6M	88.1u	1.720m	-	461.8m
6	2	8M	66.3u	1.250m	-	573.0m
7	2	14M	88.9u	1.332m	-	6.425m
8	2	8M	95.4u	1.583m	-	69.75m
9	2	6M	88.9u	1.234m	-	256.3m
10	3	6M	90.6u	1.699m	1.194m	134.9m
11	3	12M	62.9u	1.848m	1.231m	489.9m
12	3	15M	86.6u	1.221m	1.682m	435.3m
13	1	9M	58.5u	-	-	503.3m
14	2	16M	86.5u	1.481m	-	11.14m
15	1	19M	68.3u	-	-	18.50m
16	3	9M	52.6u	1.100m	1.494m	401.2m
17	1	15M	88.2u	-	-	487.3m
18	2	16M	95.5u	1.031m	-	529.4m
19	2	15M	62.1u	1.504m	-	256.1m
20	2	6M	86.1u	1.625m	-	136.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 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	16M	98.9u	1.263m	-	540.3m
2	3	17M	83.3u	1.659m	1.744m	528.7m
3	2	19M	50.3u	1.852m	-	207.4m
4	3	19M	88.1u	1.507m	927.9u	329.5m
5	3	20M	62.0u	1.104m	1.466m	251.0m
6	2	9M	52.2u	1.534m	-	275.1m
7	2	15M	73.7u	949.3u	-	332.3m
8	1	5M	65.7u	-	-	236.8m
9	2	13M	63.7u	1.447m	-	566.1m
10	2	10M	99.1u	1.191m	-	478.6m
11	2	10M	67.4u	1.530m	-	228.2m
12	2	15M	88.1u	1.719m	-	433.6m
13	1	7M	75.5u	-	-	452.7m
14	2	16M	84.0u	1.295m	-	477.4m
15	1	10M	55.0u	-	-	144.4m
16	1	18M	95.8u	-	-	114.5m
17	2	15M	79.2u	952.8u	-	487.1m
18	1	18M	62.3u	-	-	172.6m
19	3	20M	54.4u	1.091m	993.6u	331.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 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	18M	62.1u	1.266m	-	632.7m
2	2	7M	97.6u	1.287m	-	1.180
3	1	10M	78.1u	-	-	603.4m
4	3	17M	57.6u	1.839m	1.449m	748.8m
5	3	15M	88.9u	1.879m	971.1u	1.163
6	2	9M	75.6u	1.700m	-	726.1m
7	3	20M	64.0u	1.511m	1.875m	351.3m
8	1	17M	81.2u	-	-	832.6m
9	2	18M	90.0u	1.415m	-	697.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	56.8u	1.552m	-	319.9m
2	3	7M	67.2u	1.020m	1.602m	596.0m
3	2	18M	97.2u	1.365m	-	29.81m
4	2	8M	99.4u	1.184m	-	542.2m
5	2	6M	50.1u	1.224m	-	566.2m
6	1	14M	74.0u	-	-	578.6m
7	1	6M	60.4u	-	-	44.13m
8	2	6M	61.3u	1.001m	-	247.2m
9	2	13M	85.4u	1.730m	-	325.9m
10	2	20M	61.7u	1.634m	-	170.6m
11	2	12M	83.9u	949.1u	-	60.22m
12	2	11M	78.8u	1.578m	-	553.4m
13	1	10M	90.5u	-	-	305.4m
14	3	20M	54.6u	1.254m	1.902m	202.8m
15	2	19M	67.1u	1.526m	-	576.7m
16	2	13M	62.6u	1.348m	-	97.02m
17	2	8M	54.2u	1.096m	-	26.07m
18	2	10M	64.1u	1.280m	-	404.0m
19	2	5M	68.3u	1.217m	-	94.30m

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	17M	59.6u	1.662m	970.4u	607.1m
2	1	8M	53.9u	-	-	25.16m
3	2	10M	55.3u	1.787m	-	138.7m
4	1	5M	75.4u	-	-	530.9m
5	2	9M	66.6u	1.184m	-	668.6m
6	1	16M	84.0u	-	-	173.0m
7	3	15M	93.9u	1.181m	1.725m	311.2m
8	1	10M	74.6u	-	-	749.1m
9	2	19M	59.7u	1.825m	-	643.7m
10	3	9M	95.3u	1.056m	1.451m	501.5m
11	1	19M	71.7u	-	-	120.9m
12	1	11M	80.8u	-	-	610.4m
13	2	16M	50.4u	1.095m	-	493.7m
14	2	8M	50.4u	1.588m	-	684.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	96.3u	1.065m	1.182m	893.7m
2	2	19M	75.9u	1.126m	-	524.4m
3	1	19M	73.2u	-	-	981.6m
4	2	5M	79.4u	1.691m	-	634.9m
5	1	9M	93.9u	-	-	768.1m
6	1	16M	94.1u	-	-	686.2m
7	2	14M	91.5u	1.105m	-	1.106
8	1	8M	83.0u	-	-	461.4m
9	3	7M	88.5u	1.432m	937.5u	992.3m
10	1	11M	92.3u	-	-	802.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_16
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	66.8u	1.799m	-	302.7m
2	3	11M	81.5u	1.749m	1.727m	77.30m
3	2	14M	99.6u	1.630m	-	136.3m
4	3	9M	74.7u	1.894m	1.583m	101.3m
5	1	13M	55.3u	-	-	353.2m
6	1	11M	75.3u	-	-	158.7m
7	2	19M	96.6u	1.760m	-	409.3m
8	1	5M	64.6u	-	-	232.2m
9	2	19M	60.4u	1.335m	-	254.6m
10	3	12M	57.7u	1.717m	1.479m	467.3m
11	3	12M	70.6u	1.165m	1.495m	501.1m
12	2	15M	63.0u	1.080m	-	633.2m
13	2	11M	63.2u	1.847m	-	371.1m
14	3	10M	90.3u	1.009m	1.015m	233.8m
15	2	11M	87.6u	1.508m	-	370.7m
16	2	9M	95.2u	1.405m	-	641.7m
17	3	15M	93.6u	1.273m	1.226m	355.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	57.2u	1.066m	-	153.1m
2	3	6M	92.4u	1.821m	1.235m	460.2m
3	2	6M	57.4u	1.379m	-	252.6m
4	3	5M	78.0u	1.321m	1.059m	230.2m
5	1	6M	53.9u	-	-	169.3m
6	3	12M	50.1u	1.627m	1.037m	615.0m
7	1	13M	51.6u	-	-	262.5m
8	2	20M	88.7u	973.3u	-	240.6m
9	2	7M	80.5u	1.088m	-	369.6m
10	3	18M	69.4u	1.416m	1.092m	536.4m
11	3	11M	90.5u	1.388m	1.067m	232.8m
12	1	14M	85.5u	-	-	47.85m
13	3	6M	50.5u	1.529m	1.891m	384.9m
14	1	8M	60.6u	-	-	21.30m
15	2	18M	72.8u	1.641m	-	39.63m
16	2	19M	69.1u	1.636m	-	515.2m

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	9M	94.6u	1.549m	-	85.33m
2	3	19M	87.1u	1.689m	1.052m	283.9m
3	3	17M	82.0u	1.135m	1.713m	388.9m
4	3	6M	84.1u	1.578m	1.758m	360.3m
5	2	17M	59.9u	1.901m	-	367.0m
6	1	19M	56.9u	-	-	538.4m
7	2	19M	54.6u	1.549m	-	120.3m
8	2	11M	63.3u	1.351m	-	303.1m
9	1	10M	76.2u	-	-	167.8m
10	3	18M	61.1u	1.339m	1.861m	482.8m
11	2	15M	78.0u	1.686m	-	300.0m
12	1	18M	61.1u	-	-	492.3m
13	2	19M	90.0u	1.321m	-	427.8m
14	3	13M	95.2u	1.381m	1.266m	506.4m
15	2	8M	70.9u	1.465m	-	136.1m
16	1	8M	70.8u	-	-	139.2m
17	2	12M	60.6u	1.113m	-	63.20m
18	3	12M	76.1u	1.694m	1.351m	491.1m
19	1	8M	86.6u	-	-	250.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	71.6u	1.866m	-	93.80m
2	2	15M	85.1u	1.450m	-	206.1m
3	3	18M	91.7u	1.407m	1.792m	501.8m
4	2	15M	84.6u	1.554m	-	493.4m
5	1	18M	70.4u	-	-	511.3m
6	1	17M	79.0u	-	-	476.8m
7	3	9M	88.4u	1.428m	1.134m	512.5m
8	3	12M	58.2u	1.265m	1.477m	562.2m
9	3	6M	85.7u	1.476m	1.631m	108.7m
10	3	9M	93.1u	1.486m	1.840m	204.5m
11	2	14M	61.3u	1.025m	-	570.0m
12	2	11M	72.8u	1.540m	-	261.6m
13	2	7M	53.0u	1.622m	-	118.5m
14	3	14M	50.4u	1.862m	1.511m	177.7m
15	2	7M	53.5u	1.847m	-	235.1m
16	3	6M	78.6u	1.333m	1.630m	506.0m
17	2	7M	67.9u	1.581m	-	136.6m
18	3	14M	53.4u	1.069m	1.121m	643.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 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	57.9u	-	-	684.2m
2	3	16M	55.9u	1.385m	1.341m	892.6m
3	1	15M	63.5u	-	-	119.6m
4	3	12M	83.5u	1.444m	1.084m	618.5m
5	2	12M	92.2u	1.321m	-	316.3m
6	2	11M	89.9u	1.875m	-	16.20m
7	1	13M	95.3u	-	-	518.0m
8	1	19M	51.0u	-	-	679.8m
9	2	11M	94.3u	1.609m	-	188.6m
10	2	17M	98.6u	1.704m	-	250.1m
11	3	14M	98.3u	1.528m	1.895m	209.8m
12	2	13M	96.7u	1.758m	-	459.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 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	16M	96.2u	1.544m	-	226.2m
2	2	17M	85.5u	974.5u	-	91.18m
3	2	20M	90.3u	1.531m	-	331.9m
4	3	11M	75.3u	1.770m	1.482m	59.24m
5	2	11M	53.1u	1.180m	-	604.7m
6	2	8M	99.0u	1.189m	-	68.69m
7	2	15M	80.8u	1.768m	-	527.5m
8	3	11M	76.2u	955.8u	1.348m	244.6m
9	2	13M	71.1u	1.222m	-	39.45m
10	2	19M	73.7u	1.441m	-	223.0m
11	1	6M	53.3u	-	-	64.59m
12	2	10M	58.6u	1.116m	-	185.2m
13	2	7M	54.9u	1.401m	-	395.7m
14	2	8M	85.8u	1.911m	-	179.3m
15	2	16M	99.0u	927.0u	-	153.4m
16	3	17M	57.5u	1.509m	1.584m	18.82m
17	2	8M	91.7u	1.430m	-	552.0m
18	1	12M	54.7u	-	-	357.7m
19	3	13M	78.8u	1.155m	964.2u	206.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	74.5u	1.711m	1.695m	376.3m
2	3	10M	67.3u	1.261m	1.345m	970.5m
3	2	17M	97.4u	1.606m	-	1.100
4	3	12M	79.0u	1.699m	1.574m	411.3m
5	2	10M	88.3u	1.385m	-	870.3m
6	2	19M	56.4u	1.788m	-	1.025
7	2	13M	80.6u	1.003m	-	1.107
8	2	11M	73.0u	1.369m	-	865.5m
9	2	15M	88.8u	1.004m	-	391.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	16M	65.5u	-	-	87.84m
2	2	8M	81.5u	1.436m	-	353.2m
3	2	20M	68.4u	1.130m	-	702.3m
4	1	8M	51.8u	-	-	449.9m
5	2	17M	72.3u	1.458m	-	423.6m
6	2	18M	92.8u	1.505m	-	611.5m
7	2	14M	82.7u	958.3u	-	433.7m
8	2	12M	85.8u	1.307m	-	646.8m
9	3	7M	98.8u	1.655m	1.727m	268.9m
10	3	14M	78.4u	1.360m	1.761m	62.28m
11	3	8M	98.4u	1.448m	1.258m	98.60m
12	3	12M	66.0u	1.542m	1.596m	676.6m
13	2	7M	65.7u	1.329m	-	10.30m
14	1	7M	91.7u	-	-	406.8m
15	2	15M	77.0u	1.701m	-	89.05m
16	2	19M	61.4u	1.810m	-	680.3m
17	1	17M	97.4u	-	-	428.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	53.2u	1.035m	1.659m	313.5m
2	3	7M	60.8u	1.458m	1.683m	678.2m
3	1	12M	68.1u	-	-	712.2m
4	2	14M	71.2u	1.761m	-	854.1m
5	1	17M	85.5u	-	-	469.0m
6	2	13M	85.6u	1.375m	-	42.34m
7	2	18M	63.9u	1.188m	-	355.0m
8	2	20M	88.2u	992.8u	-	166.2m
9	3	16M	75.0u	1.842m	1.325m	139.5m
10	3	19M	61.8u	1.212m	1.460m	367.2m
11	2	12M	57.0u	1.657m	-	471.9m
12	2	14M	59.3u	1.323m	-	478.4m
13	3	6M	65.3u	1.237m	1.308m	177.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	51.8u	1.818m	-	489.1m
2	1	8M	96.4u	-	-	704.9m
3	3	7M	69.8u	972.2u	1.086m	716.5m
4	1	11M	98.0u	-	-	467.9m
5	2	10M	84.5u	1.253m	-	873.7m
6	3	10M	57.6u	1.536m	1.080m	128.9m
7	1	6M	50.4u	-	-	1.024
8	2	13M	78.4u	1.389m	-	992.1m
9	3	17M	64.4u	1.403m	1.282m	647.2m
10	1	10M	93.7u	-	-	124.2m
11	2	17M	95.8u	1.571m	-	1.024

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 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	19M	56.6u	1.289m	-	94.43m
2	3	5M	72.1u	1.425m	1.643m	418.3m
3	1	14M	98.0u	-	-	333.4m
4	2	8M	56.3u	947.7u	-	334.5m
5	2	15M	61.4u	1.496m	-	117.2m
6	3	14M	87.9u	1.671m	1.684m	671.8m
7	2	17M	75.8u	1.304m	-	171.8m
8	1	6M	93.7u	-	-	390.8m
9	2	17M	88.6u	1.628m	-	663.4m
10	2	8M	90.5u	1.368m	-	704.7m
11	2	7M	53.0u	962.0u	-	602.9m
12	2	6M	87.8u	999.2u	-	608.8m
13	1	12M	56.4u	-	-	491.3m
14	1	14M	91.8u	-	-	304.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	72.1u	1.138m	-	567.3m
2	3	11M	89.2u	1.272m	1.398m	438.8m
3	2	11M	79.4u	1.070m	-	347.0m
4	2	7M	64.0u	1.163m	-	295.2m
5	3	10M	97.0u	1.663m	1.257m	139.3m
6	3	12M	54.4u	1.581m	1.155m	89.48m
7	3	19M	85.2u	1.343m	1.739m	53.32m
8	2	5M	90.9u	1.528m	-	582.8m
9	2	7M	81.5u	1.045m	-	492.2m
10	3	16M	54.1u	1.917m	1.298m	487.6m
11	1	16M	55.8u	-	-	109.0m
12	2	19M	74.9u	1.182m	-	12.46m
13	1	11M	52.3u	-	-	317.0m
14	2	11M	76.4u	1.389m	-	159.1m
15	2	5M	59.8u	1.540m	-	32.10m
16	2	13M	99.1u	1.798m	-	187.9m
17	2	5M	77.1u	1.673m	-	250.9m
18	3	5M	62.2u	1.541m	1.232m	59.46m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 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	13M	71.6u	1.598m	1.474m	891.1m
2	2	14M	62.5u	1.891m	-	933.8m
3	2	10M	94.4u	1.904m	-	806.3m
4	1	18M	95.6u	-	-	760.9m
5	3	11M	89.9u	1.669m	1.001m	968.7m
6	1	10M	86.0u	-	-	836.7m
7	1	19M	69.4u	-	-	477.7m
8	3	16M	95.9u	1.374m	1.829m	609.4m
9	3	12M	92.9u	1.807m	915.1u	491.5m
10	2	14M	70.3u	1.716m	-	581.9m
11	3	18M	93.3u	1.634m	1.616m	89.29m
12	1	20M	68.7u	-	-	340.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	52.8u	1.201m	-	608.0m
2	1	12M	74.8u	-	-	325.5m
3	2	8M	95.4u	912.6u	-	768.2m
4	1	13M	51.7u	-	-	188.1m
5	1	8M	88.5u	-	-	431.7m
6	2	7M	55.2u	1.507m	-	561.7m
7	2	7M	71.4u	1.606m	-	214.4m
8	3	16M	86.9u	1.227m	1.617m	775.0m
9	2	9M	76.1u	1.520m	-	279.7m
10	3	20M	91.4u	1.416m	1.339m	133.0m
11	1	13M	74.0u	-	-	17.21m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	83.7u	-	-	427.1m
2	2	6M	55.8u	1.391m	-	384.0m
3	2	14M	81.3u	1.052m	-	122.9m
4	3	14M	60.7u	1.477m	1.738m	360.2m
5	2	12M	50.2u	1.040m	-	535.0m
6	2	5M	84.4u	1.119m	-	408.7m
7	1	17M	59.0u	-	-	400.7m
8	1	17M	76.9u	-	-	304.6m
9	1	19M	94.4u	-	-	58.10m
10	3	11M	96.3u	1.845m	1.410m	349.0m
11	2	17M	88.7u	1.907m	-	122.4m
12	2	11M	78.1u	1.770m	-	465.9m
13	2	17M	85.3u	1.623m	-	408.6m
14	2	12M	65.8u	1.119m	-	363.5m
15	2	19M	50.0u	1.351m	-	80.92m
16	3	10M	76.6u	967.4u	925.4u	400.7m
17	2	18M	85.5u	1.115m	-	317.3m
18	2	20M	54.7u	1.869m	-	199.6m
19	2	8M	82.1u	1.896m	-	598.3m

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	5.347G	2	5.323G	3	5.404G	4	5.326G
5	5.497G	6	5.301G	7	5.304G	8	5.443G
9	5.280G	10	5.274G	11	5.689G	12	5.338G
13	5.442G	14	5.439G	15	5.703G	16	5.702G
17	5.707G	18	5.704G	19	5.604G	20	5.340G
21	5.709G	22	5.655G	23	5.256G	24	5.603G
25	5.469G	26	5.597G	27	5.527G	28	5.389G
29	5.369G	30	5.471G	31	5.346G	32	5.576G
33	5.348G	34	5.448G	35	5.265G	36	5.321G
37	5.637G	38	5.634G	39	5.613G	40	5.630G
41	5.723G	42	5.376G	43	5.365G	44	5.529G
45	5.386G	46	5.276G	47	5.416G	48	5.561G
49	5.685G	50	5.490G	51	5.570G	52	5.498G
53	5.654G	54	5.609G	55	5.420G	56	5.645G
57	5.519G	58	5.647G	59	5.412G	60	5.560G
61	5.351G	62	5.673G	63	5.447G	64	5.441G
65	5.333G	66	5.691G	67	5.540G	68	5.464G
69	5.591G	70	5.311G	71	5.623G	72	5.581G
73	5.480G	74	5.286G	75	5.569G	76	5.440G
77	5.516G	78	5.423G	79	5.535G	80	5.659G
81	5.571G	82	5.289G	83	5.648G	84	5.363G
85	5.366G	86	5.378G	87	5.331G	88	5.461G
89	5.635G	90	5.496G	91	5.508G	92	5.546G
93	5.459G	94	5.714G	95	5.250G	96	5.457G
97	5.620G	98	5.614G	99	5.658G	100	5.330G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.354G	2	5.724G	3	5.465G	4	5.574G
5	5.566G	6	5.367G	7	5.320G	8	5.273G
9	5.416G	10	5.312G	11	5.328G	12	5.485G
13	5.611G	14	5.662G	15	5.581G	16	5.254G
17	5.490G	18	5.347G	19	5.664G	20	5.481G
21	5.702G	22	5.565G	23	5.671G	24	5.382G
25	5.360G	26	5.349G	27	5.335G	28	5.520G
29	5.707G	30	5.699G	31	5.643G	32	5.296G
33	5.467G	34	5.361G	35	5.591G	36	5.297G
37	5.504G	38	5.524G	39	5.519G	40	5.443G
41	5.692G	42	5.583G	43	5.326G	44	5.672G
45	5.567G	46	5.651G	47	5.371G	48	5.376G
49	5.718G	50	5.355G	51	5.466G	52	5.610G
53	5.253G	54	5.512G	55	5.536G	56	5.437G
57	5.716G	58	5.290G	59	5.503G	60	5.431G
61	5.530G	62	5.535G	63	5.279G	64	5.637G
65	5.428G	66	5.576G	67	5.499G	68	5.603G
69	5.563G	70	5.491G	71	5.282G	72	5.252G
73	5.501G	74	5.540G	75	5.429G	76	5.620G
77	5.602G	78	5.537G	79	5.461G	80	5.419G
81	5.395G	82	5.683G	83	5.264G	84	5.369G
85	5.422G	86	5.708G	87	5.305G	88	5.263G
89	5.584G	90	5.325G	91	5.284G	92	5.720G
93	5.616G	94	5.454G	95	5.259G	96	5.595G
97	5.262G	98	5.453G	99	5.276G	100	5.571G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.253G	2	5.546G	3	5.606G	4	5.598G
5	5.599G	6	5.696G	7	5.450G	8	5.419G
9	5.679G	10	5.473G	11	5.458G	12	5.492G
13	5.266G	14	5.434G	15	5.379G	16	5.642G
17	5.563G	18	5.544G	19	5.276G	20	5.329G
21	5.663G	22	5.603G	23	5.452G	24	5.256G
25	5.535G	26	5.446G	27	5.501G	28	5.278G
29	5.260G	30	5.436G	31	5.667G	32	5.353G
33	5.547G	34	5.586G	35	5.317G	36	5.717G
37	5.426G	38	5.437G	39	5.281G	40	5.271G
41	5.600G	42	5.282G	43	5.261G	44	5.703G
45	5.710G	46	5.377G	47	5.533G	48	5.719G
49	5.629G	50	5.569G	51	5.693G	52	5.273G
53	5.454G	54	5.455G	55	5.457G	56	5.330G
57	5.671G	58	5.587G	59	5.303G	60	5.666G
61	5.433G	62	5.469G	63	5.328G	64	5.608G
65	5.551G	66	5.588G	67	5.480G	68	5.577G
69	5.486G	70	5.723G	71	5.292G	72	5.401G
73	5.521G	74	5.550G	75	5.722G	76	5.287G
77	5.559G	78	5.274G	79	5.335G	80	5.444G
81	5.583G	82	5.669G	83	5.689G	84	5.307G
85	5.333G	86	5.300G	87	5.549G	88	5.463G
89	5.269G	90	5.594G	91	5.565G	92	5.371G
93	5.654G	94	5.567G	95	5.323G	96	5.301G
97	5.429G	98	5.428G	99	5.352G	100	5.402G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.685G	2	5.645G	3	5.486G	4	5.448G
5	5.286G	6	5.454G	7	5.625G	8	5.349G
9	5.650G	10	5.621G	11	5.538G	12	5.362G
13	5.434G	14	5.324G	15	5.622G	16	5.636G
17	5.612G	18	5.432G	19	5.428G	20	5.258G
21	5.375G	22	5.294G	23	5.700G	24	5.343G
25	5.698G	26	5.388G	27	5.323G	28	5.371G
29	5.392G	30	5.412G	31	5.466G	32	5.352G
33	5.442G	34	5.553G	35	5.353G	36	5.400G
37	5.408G	38	5.601G	39	5.706G	40	5.280G
41	5.256G	42	5.373G	43	5.684G	44	5.659G
45	5.500G	46	5.714G	47	5.422G	48	5.417G
49	5.531G	50	5.611G	51	5.283G	52	5.328G
53	5.495G	54	5.354G	55	5.311G	56	5.541G
57	5.652G	58	5.299G	59	5.254G	60	5.298G
61	5.326G	62	5.576G	63	5.549G	64	5.635G
65	5.619G	66	5.658G	67	5.637G	68	5.648G
69	5.450G	70	5.293G	71	5.357G	72	5.638G
73	5.394G	74	5.289G	75	5.519G	76	5.370G
77	5.533G	78	5.540G	79	5.599G	80	5.313G
81	5.472G	82	5.591G	83	5.696G	84	5.372G
85	5.505G	86	5.297G	87	5.316G	88	5.597G
89	5.473G	90	5.401G	91	5.376G	92	5.440G
93	5.420G	94	5.292G	95	5.701G	96	5.330G
97	5.711G	98	5.332G	99	5.414G	100	5.347G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.568G	2	5.712G	3	5.470G	4	5.476G
5	5.319G	6	5.330G	7	5.710G	8	5.485G
9	5.610G	10	5.450G	11	5.520G	12	5.552G
13	5.451G	14	5.650G	15	5.407G	16	5.404G
17	5.719G	18	5.657G	19	5.491G	20	5.518G
21	5.528G	22	5.300G	23	5.335G	24	5.510G
25	5.634G	26	5.284G	27	5.438G	28	5.313G
29	5.720G	30	5.487G	31	5.526G	32	5.488G
33	5.541G	34	5.668G	35	5.393G	36	5.372G
37	5.616G	38	5.449G	39	5.637G	40	5.508G
41	5.354G	42	5.467G	43	5.305G	44	5.397G
45	5.415G	46	5.705G	47	5.482G	48	5.435G
49	5.651G	50	5.489G	51	5.268G	52	5.350G
53	5.688G	54	5.548G	55	5.288G	56	5.323G
57	5.333G	58	5.505G	59	5.625G	60	5.639G
61	5.419G	62	5.461G	63	5.376G	64	5.647G
65	5.723G	66	5.549G	67	5.309G	68	5.557G
69	5.433G	70	5.717G	71	5.253G	72	5.630G
73	5.542G	74	5.533G	75	5.667G	76	5.471G
77	5.358G	78	5.473G	79	5.297G	80	5.619G
81	5.592G	82	5.569G	83	5.540G	84	5.495G
85	5.276G	86	5.571G	87	5.714G	88	5.261G
89	5.564G	90	5.316G	91	5.699G	92	5.681G
93	5.661G	94	5.537G	95	5.689G	96	5.367G
97	5.275G	98	5.256G	99	5.259G	100	5.334G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.277G	2	5.676G	3	5.328G	4	5.461G
5	5.330G	6	5.522G	7	5.575G	8	5.477G
9	5.422G	10	5.593G	11	5.557G	12	5.444G
13	5.569G	14	5.710G	15	5.604G	16	5.613G
17	5.562G	18	5.614G	19	5.596G	20	5.508G
21	5.416G	22	5.409G	23	5.366G	24	5.502G
25	5.367G	26	5.680G	27	5.408G	28	5.311G
29	5.530G	30	5.339G	31	5.315G	32	5.393G
33	5.374G	34	5.472G	35	5.267G	36	5.417G
37	5.474G	38	5.627G	39	5.600G	40	5.602G
41	5.539G	42	5.264G	43	5.292G	44	5.612G
45	5.459G	46	5.282G	47	5.670G	48	5.297G
49	5.573G	50	5.722G	51	5.323G	52	5.368G
53	5.301G	54	5.413G	55	5.581G	56	5.487G
57	5.534G	58	5.462G	59	5.284G	60	5.526G
61	5.435G	62	5.571G	63	5.591G	64	5.667G
65	5.331G	66	5.671G	67	5.682G	68	5.510G
69	5.418G	70	5.387G	71	5.647G	72	5.447G
73	5.628G	74	5.706G	75	5.266G	76	5.702G
77	5.533G	78	5.337G	79	5.471G	80	5.263G
81	5.630G	82	5.402G	83	5.270G	84	5.513G
85	5.555G	86	5.453G	87	5.603G	88	5.592G
89	5.589G	90	5.336G	91	5.708G	92	5.495G
93	5.353G	94	5.356G	95	5.260G	96	5.273G
97	5.451G	98	5.332G	99	5.586G	100	5.686G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.310G	2	5.391G	3	5.321G	4	5.324G
5	5.330G	6	5.613G	7	5.558G	8	5.644G
9	5.264G	10	5.621G	11	5.597G	12	5.378G
13	5.423G	14	5.453G	15	5.531G	16	5.288G
17	5.590G	18	5.396G	19	5.614G	20	5.299G
21	5.422G	22	5.280G	23	5.349G	24	5.462G
25	5.598G	26	5.452G	27	5.476G	28	5.316G
29	5.274G	30	5.360G	31	5.432G	32	5.505G
33	5.438G	34	5.389G	35	5.461G	36	5.294G
37	5.366G	38	5.522G	39	5.323G	40	5.587G
41	5.307G	42	5.404G	43	5.282G	44	5.634G
45	5.696G	46	5.312G	47	5.428G	48	5.397G
49	5.455G	50	5.501G	51	5.670G	52	5.636G
53	5.630G	54	5.536G	55	5.267G	56	5.265G
57	5.647G	58	5.350G	59	5.617G	60	5.276G
61	5.710G	62	5.393G	63	5.673G	64	5.581G
65	5.258G	66	5.596G	67	5.642G	68	5.535G
69	5.679G	70	5.388G	71	5.318G	72	5.481G
73	5.301G	74	5.658G	75	5.325G	76	5.533G
77	5.591G	78	5.309G	79	5.724G	80	5.411G
81	5.279G	82	5.293G	83	5.305G	84	5.549G
85	5.528G	86	5.553G	87	5.400G	88	5.420G
89	5.401G	90	5.520G	91	5.355G	92	5.374G
93	5.256G	94	5.469G	95	5.380G	96	5.513G
97	5.472G	98	5.694G	99	5.490G	100	5.626G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.357G	2	5.472G	3	5.274G	4	5.401G
5	5.692G	6	5.258G	7	5.654G	8	5.474G
9	5.556G	10	5.631G	11	5.674G	12	5.588G
13	5.361G	14	5.322G	15	5.531G	16	5.615G
17	5.358G	18	5.374G	19	5.378G	20	5.629G
21	5.559G	22	5.539G	23	5.254G	24	5.499G
25	5.377G	26	5.369G	27	5.272G	28	5.388G
29	5.700G	30	5.641G	31	5.573G	32	5.265G
33	5.568G	34	5.553G	35	5.467G	36	5.517G
37	5.409G	38	5.583G	39	5.463G	40	5.430G
41	5.408G	42	5.675G	43	5.638G	44	5.658G
45	5.329G	46	5.561G	47	5.577G	48	5.696G
49	5.334G	50	5.602G	51	5.442G	52	5.597G
53	5.253G	54	5.643G	55	5.580G	56	5.712G
57	5.390G	58	5.688G	59	5.315G	60	5.312G
61	5.397G	62	5.359G	63	5.647G	64	5.683G
65	5.697G	66	5.703G	67	5.271G	68	5.330G
69	5.593G	70	5.291G	71	5.385G	72	5.386G
73	5.618G	74	5.416G	75	5.662G	76	5.316G
77	5.557G	78	5.543G	79	5.348G	80	5.375G
81	5.718G	82	5.639G	83	5.456G	84	5.344G
85	5.338G	86	5.420G	87	5.698G	88	5.664G
89	5.299G	90	5.251G	91	5.503G	92	5.558G
93	5.621G	94	5.277G	95	5.540G	96	5.578G
97	5.403G	98	5.333G	99	5.651G	100	5.510G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.713G	2	5.310G	3	5.717G	4	5.401G
5	5.492G	6	5.712G	7	5.591G	8	5.581G
9	5.301G	10	5.469G	11	5.332G	12	5.398G
13	5.357G	14	5.486G	15	5.482G	16	5.602G
17	5.286G	18	5.355G	19	5.614G	20	5.480G
21	5.347G	22	5.491G	23	5.453G	24	5.574G
25	5.400G	26	5.620G	27	5.643G	28	5.644G
29	5.631G	30	5.254G	31	5.616G	32	5.594G
33	5.267G	34	5.610G	35	5.490G	36	5.635G
37	5.587G	38	5.517G	39	5.473G	40	5.519G
41	5.382G	42	5.569G	43	5.683G	44	5.513G
45	5.681G	46	5.402G	47	5.470G	48	5.521G
49	5.412G	50	5.527G	51	5.292G	52	5.378G
53	5.514G	54	5.615G	55	5.261G	56	5.424G
57	5.426G	58	5.284G	59	5.557G	60	5.556G
61	5.606G	62	5.449G	63	5.583G	64	5.418G
65	5.522G	66	5.558G	67	5.394G	68	5.367G
69	5.559G	70	5.677G	71	5.409G	72	5.543G
73	5.642G	74	5.578G	75	5.314G	76	5.256G
77	5.450G	78	5.281G	79	5.429G	80	5.699G
81	5.298G	82	5.706G	83	5.289G	84	5.359G
85	5.688G	86	5.331G	87	5.523G	88	5.663G
89	5.633G	90	5.465G	91	5.648G	92	5.502G
93	5.344G	94	5.388G	95	5.467G	96	5.567G
97	5.693G	98	5.687G	99	5.607G	100	5.657G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.348G	2	5.585G	3	5.620G	4	5.539G
5	5.628G	6	5.685G	7	5.521G	8	5.546G
9	5.266G	10	5.616G	11	5.710G	12	5.669G
13	5.350G	14	5.613G	15	5.276G	16	5.261G
17	5.397G	18	5.495G	19	5.718G	20	5.281G
21	5.443G	22	5.579G	23	5.486G	24	5.339G
25	5.416G	26	5.285G	27	5.433G	28	5.537G
29	5.492G	30	5.293G	31	5.595G	32	5.255G
33	5.605G	34	5.312G	35	5.434G	36	5.324G
37	5.544G	38	5.286G	39	5.510G	40	5.481G
41	5.398G	42	5.272G	43	5.686G	44	5.638G
45	5.425G	46	5.531G	47	5.288G	48	5.364G
49	5.701G	50	5.362G	51	5.593G	52	5.296G
53	5.405G	54	5.274G	55	5.499G	56	5.682G
57	5.713G	58	5.512G	59	5.687G	60	5.287G
61	5.511G	62	5.476G	63	5.487G	64	5.273G
65	5.328G	66	5.269G	67	5.514G	68	5.673G
69	5.402G	70	5.636G	71	5.643G	72	5.304G
73	5.684G	74	5.596G	75	5.646G	76	5.554G
77	5.606G	78	5.451G	79	5.580G	80	5.453G
81	5.346G	82	5.712G	83	5.354G	84	5.299G
85	5.525G	86	5.470G	87	5.648G	88	5.303G
89	5.464G	90	5.251G	91	5.275G	92	5.253G
93	5.277G	94	5.637G	95	5.338G	96	5.270G
97	5.529G	98	5.621G	99	5.690G	100	5.574G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.273G	3	5.694G	4	5.682G
5	5.628G	6	5.492G	7	5.297G	8	5.688G
9	5.664G	10	5.674G	11	5.546G	12	5.300G
13	5.397G	14	5.670G	15	5.514G	16	5.669G
17	5.258G	18	5.450G	19	5.582G	20	5.295G
21	5.543G	22	5.503G	23	5.257G	24	5.484G
25	5.310G	26	5.458G	27	5.438G	28	5.517G
29	5.432G	30	5.368G	31	5.328G	32	5.355G
33	5.578G	34	5.348G	35	5.672G	36	5.512G
37	5.690G	38	5.550G	39	5.426G	40	5.308G
41	5.389G	42	5.615G	43	5.574G	44	5.697G
45	5.473G	46	5.603G	47	5.296G	48	5.307G
49	5.261G	50	5.256G	51	5.708G	52	5.395G
53	5.643G	54	5.719G	55	5.524G	56	5.544G
57	5.336G	58	5.413G	59	5.600G	60	5.394G
61	5.676G	62	5.481G	63	5.532G	64	5.637G
65	5.392G	66	5.612G	67	5.634G	68	5.414G
69	5.642G	70	5.418G	71	5.702G	72	5.479G
73	5.519G	74	5.486G	75	5.610G	76	5.535G
77	5.346G	78	5.489G	79	5.321G	80	5.667G
81	5.596G	82	5.293G	83	5.334G	84	5.491G
85	5.679G	86	5.399G	87	5.528G	88	5.508G
89	5.718G	90	5.430G	91	5.364G	92	5.274G
93	5.374G	94	5.445G	95	5.646G	96	5.547G
97	5.356G	98	5.520G	99	5.668G	100	5.309G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.640G	2	5.699G	3	5.517G	4	5.329G
5	5.704G	6	5.347G	7	5.262G	8	5.472G
9	5.650G	10	5.334G	11	5.256G	12	5.373G
13	5.524G	14	5.688G	15	5.520G	16	5.578G
17	5.670G	18	5.703G	19	5.590G	20	5.258G
21	5.533G	22	5.451G	23	5.420G	24	5.655G
25	5.432G	26	5.376G	27	5.565G	28	5.401G
29	5.279G	30	5.721G	31	5.596G	32	5.502G
33	5.593G	34	5.366G	35	5.706G	36	5.661G
37	5.452G	38	5.534G	39	5.701G	40	5.696G
41	5.389G	42	5.390G	43	5.589G	44	5.290G
45	5.343G	46	5.304G	47	5.416G	48	5.340G
49	5.620G	50	5.438G	51	5.539G	52	5.644G
53	5.417G	54	5.525G	55	5.277G	56	5.612G
57	5.266G	58	5.658G	59	5.388G	60	5.722G
61	5.442G	62	5.268G	63	5.713G	64	5.448G
65	5.395G	66	5.316G	67	5.720G	68	5.449G
69	5.536G	70	5.346G	71	5.481G	72	5.422G
73	5.588G	74	5.295G	75	5.653G	76	5.424G
77	5.254G	78	5.641G	79	5.561G	80	5.385G
81	5.483G	82	5.691G	83	5.307G	84	5.594G
85	5.702G	86	5.585G	87	5.271G	88	5.293G
89	5.338G	90	5.341G	91	5.457G	92	5.386G
93	5.602G	94	5.439G	95	5.484G	96	5.625G
97	5.700G	98	5.600G	99	5.716G	100	5.284G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.258G	2	5.713G	3	5.474G	4	5.666G
5	5.266G	6	5.318G	7	5.370G	8	5.259G
9	5.483G	10	5.500G	11	5.581G	12	5.602G
13	5.297G	14	5.388G	15	5.550G	16	5.264G
17	5.592G	18	5.492G	19	5.516G	20	5.286G
21	5.621G	22	5.422G	23	5.723G	24	5.468G
25	5.252G	26	5.478G	27	5.707G	28	5.390G
29	5.397G	30	5.340G	31	5.446G	32	5.350G
33	5.660G	34	5.502G	35	5.596G	36	5.373G
37	5.415G	38	5.632G	39	5.501G	40	5.580G
41	5.401G	42	5.271G	43	5.616G	44	5.611G
45	5.677G	46	5.309G	47	5.528G	48	5.262G
49	5.396G	50	5.671G	51	5.558G	52	5.465G
53	5.394G	54	5.564G	55	5.497G	56	5.299G
57	5.412G	58	5.456G	59	5.328G	60	5.283G
61	5.718G	62	5.546G	63	5.281G	64	5.290G
65	5.509G	66	5.517G	67	5.393G	68	5.645G
69	5.477G	70	5.717G	71	5.656G	72	5.541G
73	5.714G	74	5.400G	75	5.530G	76	5.505G
77	5.545G	78	5.440G	79	5.711G	80	5.641G
81	5.376G	82	5.346G	83	5.676G	84	5.590G
85	5.267G	86	5.421G	87	5.366G	88	5.658G
89	5.365G	90	5.323G	91	5.416G	92	5.697G
93	5.476G	94	5.522G	95	5.389G	96	5.504G
97	5.274G	98	5.496G	99	5.629G	100	5.696G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.635G	2	5.326G	3	5.462G	4	5.667G
5	5.411G	6	5.694G	7	5.546G	8	5.716G
9	5.272G	10	5.666G	11	5.509G	12	5.561G
13	5.700G	14	5.671G	15	5.444G	16	5.622G
17	5.625G	18	5.324G	19	5.619G	20	5.648G
21	5.629G	22	5.443G	23	5.664G	24	5.595G
25	5.520G	26	5.536G	27	5.724G	28	5.391G
29	5.328G	30	5.413G	31	5.608G	32	5.264G
33	5.645G	34	5.656G	35	5.570G	36	5.651G
37	5.486G	38	5.441G	39	5.465G	40	5.408G
41	5.688G	42	5.658G	43	5.414G	44	5.659G
45	5.717G	46	5.434G	47	5.374G	48	5.500G
49	5.452G	50	5.412G	51	5.590G	52	5.450G
53	5.401G	54	5.363G	55	5.686G	56	5.257G
57	5.668G	58	5.628G	59	5.315G	60	5.598G
61	5.672G	62	5.594G	63	5.457G	64	5.430G
65	5.538G	66	5.527G	67	5.369G	68	5.641G
69	5.254G	70	5.669G	71	5.485G	72	5.631G
73	5.380G	74	5.274G	75	5.342G	76	5.534G
77	5.540G	78	5.617G	79	5.567G	80	5.643G
81	5.568G	82	5.259G	83	5.657G	84	5.321G
85	5.565G	86	5.454G	87	5.627G	88	5.421G
89	5.703G	90	5.287G	91	5.665G	92	5.358G
93	5.461G	94	5.522G	95	5.300G	96	5.653G
97	5.574G	98	5.499G	99	5.715G	100	5.480G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.288G	2	5.513G	3	5.443G	4	5.548G
5	5.372G	6	5.636G	7	5.363G	8	5.704G
9	5.307G	10	5.671G	11	5.504G	12	5.432G
13	5.656G	14	5.570G	15	5.638G	16	5.466G
17	5.553G	18	5.644G	19	5.678G	20	5.301G
21	5.499G	22	5.367G	23	5.609G	24	5.370G
25	5.357G	26	5.633G	27	5.684G	28	5.591G
29	5.334G	30	5.373G	31	5.560G	32	5.342G
33	5.418G	34	5.492G	35	5.604G	36	5.502G
37	5.340G	38	5.642G	39	5.371G	40	5.324G
41	5.568G	42	5.612G	43	5.386G	44	5.599G
45	5.455G	46	5.615G	47	5.508G	48	5.595G
49	5.719G	50	5.446G	51	5.313G	52	5.687G
53	5.331G	54	5.412G	55	5.598G	56	5.338G
57	5.398G	58	5.697G	59	5.277G	60	5.314G
61	5.362G	62	5.637G	63	5.518G	64	5.622G
65	5.333G	66	5.490G	67	5.724G	68	5.590G
69	5.376G	70	5.453G	71	5.424G	72	5.478G
73	5.379G	74	5.496G	75	5.359G	76	5.689G
77	5.297G	78	5.317G	79	5.339G	80	5.295G
81	5.287G	82	5.584G	83	5.558G	84	5.326G
85	5.290G	86	5.407G	87	5.428G	88	5.516G
89	5.385G	90	5.346G	91	5.706G	92	5.436G
93	5.257G	94	5.355G	95	5.374G	96	5.349G
97	5.572G	98	5.515G	99	5.252G	100	5.544G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.698G	2	5.362G	3	5.523G	4	5.649G
5	5.261G	6	5.287G	7	5.363G	8	5.397G
9	5.674G	10	5.327G	11	5.434G	12	5.635G
13	5.648G	14	5.600G	15	5.695G	16	5.263G
17	5.610G	18	5.255G	19	5.421G	20	5.403G
21	5.455G	22	5.405G	23	5.320G	24	5.425G
25	5.329G	26	5.370G	27	5.335G	28	5.476G
29	5.702G	30	5.399G	31	5.679G	32	5.721G
33	5.547G	34	5.525G	35	5.669G	36	5.319G
37	5.304G	38	5.497G	39	5.446G	40	5.407G
41	5.288G	42	5.505G	43	5.706G	44	5.626G
45	5.464G	46	5.563G	47	5.531G	48	5.503G
49	5.435G	50	5.456G	51	5.637G	52	5.326G
53	5.316G	54	5.323G	55	5.572G	56	5.541G
57	5.428G	58	5.303G	59	5.512G	60	5.587G
61	5.638G	62	5.264G	63	5.606G	64	5.416G
65	5.500G	66	5.365G	67	5.289G	68	5.355G
69	5.618G	70	5.350G	71	5.369G	72	5.714G
73	5.650G	74	5.459G	75	5.285G	76	5.552G
77	5.666G	78	5.254G	79	5.580G	80	5.611G
81	5.703G	82	5.617G	83	5.307G	84	5.427G
85	5.325G	86	5.343G	87	5.354G	88	5.514G
89	5.450G	90	5.682G	91	5.373G	92	5.722G
93	5.593G	94	5.342G	95	5.592G	96	5.273G
97	5.504G	98	5.684G	99	5.311G	100	5.607G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.337G	2	5.394G	3	5.593G	4	5.452G
5	5.699G	6	5.406G	7	5.611G	8	5.359G
9	5.475G	10	5.316G	11	5.544G	12	5.398G
13	5.572G	14	5.621G	15	5.357G	16	5.306G
17	5.413G	18	5.255G	19	5.420G	20	5.576G
21	5.266G	22	5.443G	23	5.318G	24	5.524G
25	5.422G	26	5.405G	27	5.589G	28	5.335G
29	5.251G	30	5.383G	31	5.498G	32	5.714G
33	5.645G	34	5.557G	35	5.514G	36	5.527G
37	5.659G	38	5.473G	39	5.620G	40	5.605G
41	5.596G	42	5.367G	43	5.713G	44	5.499G
45	5.573G	46	5.283G	47	5.442G	48	5.508G
49	5.549G	50	5.304G	51	5.455G	52	5.275G
53	5.439G	54	5.492G	55	5.661G	56	5.414G
57	5.447G	58	5.257G	59	5.446G	60	5.294G
61	5.295G	62	5.515G	63	5.291G	64	5.698G
65	5.657G	66	5.553G	67	5.682G	68	5.644G
69	5.590G	70	5.385G	71	5.418G	72	5.501G
73	5.340G	74	5.625G	75	5.347G	76	5.631G
77	5.701G	78	5.426G	79	5.360G	80	5.313G
81	5.569G	82	5.349G	83	5.407G	84	5.580G
85	5.305G	86	5.384G	87	5.326G	88	5.672G
89	5.362G	90	5.719G	91	5.483G	92	5.345G
93	5.416G	94	5.352G	95	5.697G	96	5.504G
97	5.321G	98	5.503G	99	5.517G	100	5.451G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.708G	2	5.560G	3	5.492G	4	5.573G
5	5.290G	6	5.624G	7	5.457G	8	5.542G
9	5.546G	10	5.476G	11	5.575G	12	5.490G
13	5.326G	14	5.641G	15	5.303G	16	5.677G
17	5.679G	18	5.511G	19	5.636G	20	5.544G
21	5.588G	22	5.325G	23	5.253G	24	5.252G
25	5.685G	26	5.497G	27	5.433G	28	5.259G
29	5.656G	30	5.336G	31	5.621G	32	5.716G
33	5.625G	34	5.597G	35	5.616G	36	5.455G
37	5.611G	38	5.334G	39	5.669G	40	5.606G
41	5.375G	42	5.373G	43	5.363G	44	5.534G
45	5.682G	46	5.338G	47	5.594G	48	5.578G
49	5.399G	50	5.698G	51	5.592G	52	5.591G
53	5.415G	54	5.324G	55	5.595G	56	5.434G
57	5.638G	58	5.585G	59	5.308G	60	5.293G
61	5.416G	62	5.705G	63	5.437G	64	5.458G
65	5.454G	66	5.648G	67	5.613G	68	5.459G
69	5.602G	70	5.521G	71	5.318G	72	5.649G
73	5.328G	74	5.517G	75	5.574G	76	5.404G
77	5.274G	78	5.644G	79	5.627G	80	5.711G
81	5.647G	82	5.643G	83	5.513G	84	5.540G
85	5.286G	86	5.289G	87	5.654G	88	5.442G
89	5.414G	90	5.344G	91	5.383G	92	5.489G
93	5.530G	94	5.448G	95	5.257G	96	5.583G
97	5.714G	98	5.668G	99	5.360G	100	5.603G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.444G	2	5.525G	3	5.627G	4	5.722G
5	5.543G	6	5.700G	7	5.559G	8	5.314G
9	5.549G	10	5.352G	11	5.672G	12	5.515G
13	5.536G	14	5.365G	15	5.370G	16	5.399G
17	5.294G	18	5.453G	19	5.463G	20	5.448G
21	5.261G	22	5.703G	23	5.541G	24	5.350G
25	5.634G	26	5.589G	27	5.464G	28	5.566G
29	5.427G	30	5.251G	31	5.695G	32	5.361G
33	5.498G	34	5.434G	35	5.527G	36	5.592G
37	5.633G	38	5.451G	39	5.659G	40	5.688G
41	5.628G	42	5.720G	43	5.542G	44	5.611G
45	5.687G	46	5.481G	47	5.377G	48	5.503G
49	5.562G	50	5.674G	51	5.274G	52	5.582G
53	5.359G	54	5.420G	55	5.577G	56	5.621G
57	5.699G	58	5.557G	59	5.439G	60	5.344G
61	5.426G	62	5.349G	63	5.328G	64	5.617G
65	5.517G	66	5.416G	67	5.469G	68	5.402G
69	5.342G	70	5.335G	71	5.714G	72	5.313G
73	5.321G	74	5.276G	75	5.457G	76	5.323G
77	5.407G	78	5.670G	79	5.529G	80	5.540G
81	5.477G	82	5.711G	83	5.641G	84	5.285G
85	5.588G	86	5.412G	87	5.418G	88	5.678G
89	5.394G	90	5.369G	91	5.258G	92	5.296G
93	5.301G	94	5.535G	95	5.660G	96	5.254G
97	5.256G	98	5.492G	99	5.398G	100	5.334G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.489G	2	5.505G	3	5.688G	4	5.599G
5	5.477G	6	5.395G	7	5.644G	8	5.459G
9	5.316G	10	5.668G	11	5.296G	12	5.466G
13	5.257G	14	5.690G	15	5.491G	16	5.453G
17	5.387G	18	5.504G	19	5.361G	20	5.717G
21	5.288G	22	5.379G	23	5.430G	24	5.305G
25	5.663G	26	5.539G	27	5.270G	28	5.619G
29	5.662G	30	5.499G	31	5.414G	32	5.347G
33	5.701G	34	5.513G	35	5.642G	36	5.349G
37	5.639G	38	5.626G	39	5.451G	40	5.627G
41	5.468G	42	5.679G	43	5.714G	44	5.617G
45	5.251G	46	5.458G	47	5.333G	48	5.315G
49	5.683G	50	5.339G	51	5.718G	52	5.416G
53	5.571G	54	5.272G	55	5.587G	56	5.424G
57	5.312G	58	5.274G	59	5.519G	60	5.454G
61	5.334G	62	5.533G	63	5.694G	64	5.389G
65	5.549G	66	5.393G	67	5.294G	68	5.367G
69	5.703G	70	5.680G	71	5.405G	72	5.686G
73	5.284G	74	5.498G	75	5.422G	76	5.440G
77	5.437G	78	5.362G	79	5.433G	80	5.695G
81	5.574G	82	5.485G	83	5.629G	84	5.467G
85	5.582G	86	5.278G	87	5.377G	88	5.573G
89	5.604G	90	5.562G	91	5.350G	92	5.302G
93	5.320G	94	5.262G	95	5.588G	96	5.579G
97	5.667G	98	5.659G	99	5.635G	100	5.419G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.539G	2	5.682G	3	5.663G	4	5.315G
5	5.470G	6	5.363G	7	5.674G	8	5.580G
9	5.648G	10	5.373G	11	5.385G	12	5.665G
13	5.345G	14	5.653G	15	5.358G	16	5.444G
17	5.410G	18	5.364G	19	5.396G	20	5.336G
21	5.250G	22	5.645G	23	5.636G	24	5.581G
25	5.325G	26	5.451G	27	5.264G	28	5.519G
29	5.276G	30	5.466G	31	5.467G	32	5.522G
33	5.508G	34	5.584G	35	5.593G	36	5.576G
37	5.660G	38	5.350G	39	5.689G	40	5.281G
41	5.437G	42	5.313G	43	5.607G	44	5.429G
45	5.683G	46	5.718G	47	5.612G	48	5.562G
49	5.491G	50	5.587G	51	5.594G	52	5.380G
53	5.412G	54	5.270G	55	5.716G	56	5.344G
57	5.474G	58	5.617G	59	5.324G	60	5.556G
61	5.277G	62	5.355G	63	5.460G	64	5.367G
65	5.343G	66	5.393G	67	5.538G	68	5.600G
69	5.628G	70	5.521G	71	5.679G	72	5.543G
73	5.557G	74	5.541G	75	5.293G	76	5.497G
77	5.542G	78	5.650G	79	5.694G	80	5.260G
81	5.330G	82	5.449G	83	5.695G	84	5.427G
85	5.479G	86	5.473G	87	5.626G	88	5.644G
89	5.327G	90	5.485G	91	5.390G	92	5.301G
93	5.302G	94	5.545G	95	5.374G	96	5.386G
97	5.476G	98	5.305G	99	5.558G	100	5.275G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.579G	2	5.552G	3	5.366G	4	5.374G
5	5.259G	6	5.529G	7	5.686G	8	5.554G
9	5.527G	10	5.369G	11	5.455G	12	5.381G
13	5.683G	14	5.448G	15	5.597G	16	5.475G
17	5.408G	18	5.270G	19	5.556G	20	5.279G
21	5.445G	22	5.416G	23	5.673G	24	5.667G
25	5.602G	26	5.310G	27	5.670G	28	5.371G
29	5.680G	30	5.649G	31	5.449G	32	5.272G
33	5.513G	34	5.418G	35	5.289G	36	5.452G
37	5.619G	38	5.701G	39	5.439G	40	5.387G
41	5.613G	42	5.461G	43	5.616G	44	5.298G
45	5.349G	46	5.675G	47	5.672G	48	5.515G
49	5.318G	50	5.498G	51	5.331G	52	5.431G
53	5.342G	54	5.480G	55	5.553G	56	5.301G
57	5.620G	58	5.325G	59	5.660G	60	5.580G
61	5.638G	62	5.589G	63	5.511G	64	5.314G
65	5.618G	66	5.522G	67	5.256G	68	5.547G
69	5.537G	70	5.472G	71	5.517G	72	5.384G
73	5.703G	74	5.278G	75	5.260G	76	5.665G
77	5.324G	78	5.388G	79	5.340G	80	5.354G
81	5.332G	82	5.490G	83	5.446G	84	5.542G
85	5.609G	86	5.474G	87	5.704G	88	5.583G
89	5.290G	90	5.286G	91	5.606G	92	5.694G
93	5.261G	94	5.359G	95	5.652G	96	5.722G
97	5.424G	98	5.322G	99	5.628G	100	5.546G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.515G	2	5.470G	3	5.313G	4	5.547G
5	5.321G	6	5.565G	7	5.602G	8	5.316G
9	5.374G	10	5.658G	11	5.292G	12	5.459G
13	5.458G	14	5.305G	15	5.605G	16	5.525G
17	5.472G	18	5.307G	19	5.296G	20	5.256G
21	5.566G	22	5.448G	23	5.570G	24	5.641G
25	5.597G	26	5.409G	27	5.668G	28	5.511G
29	5.499G	30	5.343G	31	5.342G	32	5.519G
33	5.320G	34	5.715G	35	5.559G	36	5.282G
37	5.484G	38	5.578G	39	5.604G	40	5.509G
41	5.673G	42	5.571G	43	5.455G	44	5.364G
45	5.584G	46	5.280G	47	5.410G	48	5.451G
49	5.450G	50	5.645G	51	5.661G	52	5.638G
53	5.386G	54	5.462G	55	5.510G	56	5.279G
57	5.554G	58	5.438G	59	5.425G	60	5.344G
61	5.550G	62	5.568G	63	5.435G	64	5.271G
65	5.693G	66	5.396G	67	5.520G	68	5.496G
69	5.352G	70	5.454G	71	5.548G	72	5.705G
73	5.315G	74	5.362G	75	5.664G	76	5.656G
77	5.337G	78	5.355G	79	5.447G	80	5.415G
81	5.270G	82	5.263G	83	5.489G	84	5.260G
85	5.428G	86	5.657G	87	5.422G	88	5.449G
89	5.633G	90	5.517G	91	5.466G	92	5.716G
93	5.581G	94	5.601G	95	5.564G	96	5.310G
97	5.445G	98	5.514G	99	5.698G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.256G	2	5.670G	3	5.509G	4	5.717G
5	5.549G	6	5.687G	7	5.569G	8	5.590G
9	5.345G	10	5.685G	11	5.679G	12	5.252G
13	5.456G	14	5.644G	15	5.356G	16	5.321G
17	5.671G	18	5.361G	19	5.490G	20	5.388G
21	5.439G	22	5.603G	23	5.258G	24	5.715G
25	5.342G	26	5.578G	27	5.542G	28	5.686G
29	5.275G	30	5.382G	31	5.385G	32	5.358G
33	5.280G	34	5.503G	35	5.702G	36	5.633G
37	5.631G	38	5.458G	39	5.511G	40	5.407G
41	5.259G	42	5.434G	43	5.272G	44	5.683G
45	5.481G	46	5.442G	47	5.431G	48	5.576G
49	5.658G	50	5.440G	51	5.370G	52	5.643G
53	5.501G	54	5.695G	55	5.700G	56	5.375G
57	5.369G	58	5.276G	59	5.334G	60	5.372G
61	5.291G	62	5.274G	63	5.519G	64	5.354G
65	5.564G	66	5.678G	67	5.555G	68	5.309G
69	5.616G	70	5.666G	71	5.413G	72	5.619G
73	5.724G	74	5.622G	75	5.470G	76	5.484G
77	5.436G	78	5.690G	79	5.598G	80	5.261G
81	5.525G	82	5.491G	83	5.600G	84	5.502G
85	5.406G	86	5.279G	87	5.597G	88	5.469G
89	5.721G	90	5.517G	91	5.462G	92	5.640G
93	5.479G	94	5.416G	95	5.297G	96	5.489G
97	5.706G	98	5.657G	99	5.468G	100	5.629G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.265G	2	5.472G	3	5.405G	4	5.333G
5	5.313G	6	5.535G	7	5.259G	8	5.613G
9	5.715G	10	5.509G	11	5.276G	12	5.380G
13	5.508G	14	5.548G	15	5.281G	16	5.675G
17	5.611G	18	5.373G	19	5.591G	20	5.439G
21	5.600G	22	5.679G	23	5.390G	24	5.519G
25	5.374G	26	5.498G	27	5.544G	28	5.628G
29	5.621G	30	5.655G	31	5.563G	32	5.442G
33	5.633G	34	5.328G	35	5.565G	36	5.691G
37	5.263G	38	5.706G	39	5.420G	40	5.666G
41	5.674G	42	5.724G	43	5.418G	44	5.394G
45	5.520G	46	5.251G	47	5.427G	48	5.606G
49	5.559G	50	5.309G	51	5.492G	52	5.531G
53	5.462G	54	5.409G	55	5.564G	56	5.358G
57	5.580G	58	5.250G	59	5.578G	60	5.505G
61	5.570G	62	5.370G	63	5.667G	64	5.624G
65	5.714G	66	5.530G	67	5.363G	68	5.546G
69	5.387G	70	5.639G	71	5.511G	72	5.471G
73	5.623G	74	5.656G	75	5.260G	76	5.549G
77	5.513G	78	5.604G	79	5.597G	80	5.386G
81	5.682G	82	5.291G	83	5.469G	84	5.470G
85	5.644G	86	5.376G	87	5.453G	88	5.642G
89	5.422G	90	5.297G	91	5.458G	92	5.398G
93	5.372G	94	5.480G	95	5.523G	96	5.662G
97	5.426G	98	5.515G	99	5.396G	100	5.476G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.424G	2	5.459G	3	5.515G	4	5.617G
5	5.342G	6	5.393G	7	5.286G	8	5.333G
9	5.433G	10	5.498G	11	5.691G	12	5.663G
13	5.685G	14	5.268G	15	5.273G	16	5.624G
17	5.446G	18	5.371G	19	5.667G	20	5.325G
21	5.327G	22	5.280G	23	5.587G	24	5.267G
25	5.707G	26	5.263G	27	5.259G	28	5.512G
29	5.558G	30	5.384G	31	5.331G	32	5.436G
33	5.639G	34	5.301G	35	5.323G	36	5.406G
37	5.299G	38	5.255G	39	5.480G	40	5.671G
41	5.627G	42	5.368G	43	5.615G	44	5.660G
45	5.566G	46	5.391G	47	5.427G	48	5.688G
49	5.706G	50	5.568G	51	5.599G	52	5.285G
53	5.381G	54	5.513G	55	5.573G	56	5.479G
57	5.542G	58	5.702G	59	5.335G	60	5.295G
61	5.548G	62	5.348G	63	5.442G	64	5.721G
65	5.553G	66	5.279G	67	5.693G	68	5.250G
69	5.430G	70	5.417G	71	5.612G	72	5.722G
73	5.569G	74	5.440G	75	5.426G	76	5.634G
77	5.438G	78	5.575G	79	5.420G	80	5.444G
81	5.680G	82	5.264G	83	5.579G	84	5.698G
85	5.645G	86	5.626G	87	5.604G	88	5.508G
89	5.354G	90	5.289G	91	5.489G	92	5.608G
93	5.353G	94	5.718G	95	5.661G	96	5.504G
97	5.720G	98	5.620G	99	5.589G	100	5.577G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.593G	2	5.694G	3	5.455G	4	5.528G
5	5.346G	6	5.330G	7	5.521G	8	5.477G
9	5.655G	10	5.704G	11	5.327G	12	5.324G
13	5.351G	14	5.403G	15	5.321G	16	5.650G
17	5.394G	18	5.382G	19	5.516G	20	5.414G
21	5.495G	22	5.490G	23	5.370G	24	5.537G
25	5.369G	26	5.527G	27	5.513G	28	5.480G
29	5.680G	30	5.576G	31	5.274G	32	5.306G
33	5.648G	34	5.673G	35	5.456G	36	5.683G
37	5.284G	38	5.448G	39	5.428G	40	5.641G
41	5.395G	42	5.530G	43	5.442G	44	5.289G
45	5.546G	46	5.572G	47	5.618G	48	5.261G
49	5.367G	50	5.575G	51	5.699G	52	5.459G
53	5.703G	54	5.489G	55	5.396G	56	5.269G
57	5.410G	58	5.702G	59	5.276G	60	5.685G
61	5.533G	62	5.531G	63	5.625G	64	5.486G
65	5.425G	66	5.338G	67	5.389G	68	5.294G
69	5.652G	70	5.675G	71	5.465G	72	5.250G
73	5.293G	74	5.631G	75	5.491G	76	5.333G
77	5.472G	78	5.712G	79	5.354G	80	5.251G
81	5.627G	82	5.431G	83	5.586G	84	5.340G
85	5.426G	86	5.281G	87	5.500G	88	5.362G
89	5.297G	90	5.430G	91	5.718G	92	5.406G
93	5.566G	94	5.654G	95	5.706G	96	5.419G
97	5.574G	98	5.554G	99	5.502G	100	5.639G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.455G	3	5.417G	4	5.707G
5	5.367G	6	5.600G	7	5.415G	8	5.273G
9	5.450G	10	5.532G	11	5.689G	12	5.536G
13	5.674G	14	5.528G	15	5.278G	16	5.534G
17	5.664G	18	5.355G	19	5.692G	20	5.473G
21	5.281G	22	5.252G	23	5.631G	24	5.489G
25	5.654G	26	5.564G	27	5.328G	28	5.541G
29	5.362G	30	5.350G	31	5.268G	32	5.621G
33	5.592G	34	5.715G	35	5.334G	36	5.352G
37	5.614G	38	5.323G	39	5.716G	40	5.438G
41	5.384G	42	5.424G	43	5.693G	44	5.292G
45	5.327G	46	5.522G	47	5.691G	48	5.351G
49	5.259G	50	5.597G	51	5.679G	52	5.378G
53	5.481G	54	5.571G	55	5.568G	56	5.537G
57	5.482G	58	5.698G	59	5.589G	60	5.559G
61	5.338G	62	5.663G	63	5.539G	64	5.551G
65	5.365G	66	5.388G	67	5.345G	68	5.454G
69	5.590G	70	5.251G	71	5.514G	72	5.639G
73	5.519G	74	5.293G	75	5.680G	76	5.385G
77	5.433G	78	5.498G	79	5.517G	80	5.570G
81	5.463G	82	5.566G	83	5.276G	84	5.456G
85	5.321G	86	5.658G	87	5.583G	88	5.318G
89	5.462G	90	5.608G	91	5.442G	92	5.586G
93	5.666G	94	5.618G	95	5.622G	96	5.558G
97	5.722G	98	5.704G	99	5.410G	100	5.687G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.397G	2	5.580G	3	5.263G	4	5.372G
5	5.652G	6	5.643G	7	5.637G	8	5.296G
9	5.612G	10	5.537G	11	5.627G	12	5.412G
13	5.549G	14	5.408G	15	5.463G	16	5.476G
17	5.316G	18	5.503G	19	5.401G	20	5.370G
21	5.301G	22	5.326G	23	5.661G	24	5.695G
25	5.430G	26	5.576G	27	5.707G	28	5.466G
29	5.273G	30	5.363G	31	5.691G	32	5.276G
33	5.670G	34	5.540G	35	5.459G	36	5.578G
37	5.653G	38	5.433G	39	5.332G	40	5.562G
41	5.671G	42	5.704G	43	5.681G	44	5.470G
45	5.680G	46	5.565G	47	5.462G	48	5.596G
49	5.604G	50	5.304G	51	5.359G	52	5.638G
53	5.299G	54	5.394G	55	5.531G	56	5.250G
57	5.684G	58	5.461G	59	5.272G	60	5.356G
61	5.650G	62	5.720G	63	5.564G	64	5.333G
65	5.473G	66	5.364G	67	5.436G	68	5.550G
69	5.662G	70	5.566G	71	5.523G	72	5.629G
73	5.717G	74	5.308G	75	5.495G	76	5.711G
77	5.539G	78	5.548G	79	5.416G	80	5.706G
81	5.411G	82	5.635G	83	5.709G	84	5.655G
85	5.475G	86	5.352G	87	5.390G	88	5.527G
89	5.640G	90	5.317G	91	5.679G	92	5.398G
93	5.252G	94	5.264G	95	5.509G	96	5.641G
97	5.300G	98	5.624G	99	5.719G	100	5.587G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.411G	2	5.711G	3	5.491G	4	5.348G
5	5.296G	6	5.351G	7	5.373G	8	5.661G
9	5.464G	10	5.522G	11	5.604G	12	5.678G
13	5.426G	14	5.354G	15	5.532G	16	5.595G
17	5.392G	18	5.254G	19	5.455G	20	5.429G
21	5.616G	22	5.357G	23	5.347G	24	5.619G
25	5.266G	26	5.714G	27	5.458G	28	5.379G
29	5.297G	30	5.399G	31	5.291G	32	5.529G
33	5.536G	34	5.559G	35	5.710G	36	5.587G
37	5.424G	38	5.651G	39	5.675G	40	5.440G
41	5.558G	42	5.381G	43	5.311G	44	5.495G
45	5.705G	46	5.523G	47	5.550G	48	5.691G
49	5.583G	50	5.605G	51	5.445G	52	5.331G
53	5.481G	54	5.478G	55	5.497G	56	5.408G
57	5.314G	58	5.664G	59	5.425G	60	5.467G
61	5.352G	62	5.712G	63	5.465G	64	5.645G
65	5.565G	66	5.310G	67	5.304G	68	5.656G
69	5.706G	70	5.253G	71	5.666G	72	5.567G
73	5.688G	74	5.640G	75	5.546G	76	5.435G
77	5.282G	78	5.686G	79	5.355G	80	5.519G
81	5.590G	82	5.719G	83	5.715G	84	5.356G
85	5.637G	86	5.490G	87	5.499G	88	5.405G
89	5.632G	90	5.396G	91	5.643G	92	5.391G
93	5.593G	94	5.466G	95	5.603G	96	5.721G
97	5.438G	98	5.448G	99	5.477G	100	5.650G

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Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.452G	2	5.562G	3	5.422G	4	5.277G
5	5.644G	6	5.617G	7	5.497G	8	5.325G
9	5.706G	10	5.299G	11	5.391G	12	5.415G
13	5.440G	14	5.490G	15	5.697G	16	5.384G
17	5.576G	18	5.527G	19	5.385G	20	5.369G
21	5.574G	22	5.667G	23	5.394G	24	5.543G
25	5.684G	26	5.589G	27	5.329G	28	5.520G
29	5.454G	30	5.343G	31	5.373G	32	5.458G
33	5.586G	34	5.438G	35	5.398G	36	5.668G
37	5.653G	38	5.368G	39	5.378G	40	5.655G
41	5.521G	42	5.453G	43	5.387G	44	5.286G
45	5.431G	46	5.323G	47	5.270G	48	5.267G
49	5.421G	50	5.400G	51	5.411G	52	5.529G
53	5.536G	54	5.359G	55	5.607G	56	5.324G
57	5.636G	58	5.396G	59	5.588G	60	5.610G
61	5.584G	62	5.496G	63	5.583G	64	5.303G
65	5.620G	66	5.553G	67	5.352G	68	5.677G
69	5.311G	70	5.404G	71	5.326G	72	5.339G
73	5.357G	74	5.518G	75	5.609G	76	5.698G
77	5.547G	78	5.397G	79	5.535G	80	5.370G
81	5.601G	82	5.542G	83	5.444G	84	5.703G
85	5.348G	86	5.615G	87	5.702G	88	5.470G
89	5.581G	90	5.346G	91	5.319G	92	5.420G
93	5.664G	94	5.699G	95	5.537G	96	5.582G
97	5.275G	98	5.708G	99	5.493G	100	5.630G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.392G	2	5.585G	3	5.681G	4	5.645G
5	5.492G	6	5.720G	7	5.462G	8	5.472G
9	5.467G	10	5.575G	11	5.623G	12	5.456G
13	5.270G	14	5.596G	15	5.482G	16	5.265G
17	5.587G	18	5.578G	19	5.606G	20	5.346G
21	5.635G	22	5.419G	23	5.385G	24	5.379G
25	5.590G	26	5.699G	27	5.306G	28	5.647G
29	5.297G	30	5.389G	31	5.260G	32	5.518G
33	5.327G	34	5.287G	35	5.652G	36	5.488G
37	5.564G	38	5.504G	39	5.701G	40	5.437G
41	5.457G	42	5.350G	43	5.397G	44	5.648G
45	5.542G	46	5.398G	47	5.651G	48	5.571G
49	5.404G	50	5.461G	51	5.267G	52	5.296G
53	5.640G	54	5.479G	55	5.554G	56	5.591G
57	5.667G	58	5.415G	59	5.491G	60	5.665G
61	5.393G	62	5.408G	63	5.531G	64	5.273G
65	5.709G	66	5.698G	67	5.643G	68	5.684G
69	5.377G	70	5.586G	71	5.470G	72	5.696G
73	5.524G	74	5.597G	75	5.418G	76	5.400G
77	5.713G	78	5.627G	79	5.724G	80	5.423G
81	5.281G	82	5.613G	83	5.338G	84	5.715G
85	5.329G	86	5.370G	87	5.257G	88	5.503G
89	5.607G	90	5.622G	91	5.677G	92	5.319G
93	5.410G	94	5.258G	95	5.692G	96	5.445G
97	5.276G	98	5.433G	99	5.631G	100	5.642G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.635G	2	5.700G	3	5.252G	4	5.299G
5	5.366G	6	5.306G	7	5.646G	8	5.275G
9	5.295G	10	5.575G	11	5.716G	12	5.685G
13	5.296G	14	5.334G	15	5.379G	16	5.267G
17	5.607G	18	5.358G	19	5.437G	20	5.601G
21	5.322G	22	5.398G	23	5.270G	24	5.577G
25	5.567G	26	5.692G	27	5.639G	28	5.472G
29	5.461G	30	5.377G	31	5.332G	32	5.540G
33	5.615G	34	5.548G	35	5.596G	36	5.466G
37	5.300G	38	5.385G	39	5.480G	40	5.630G
41	5.655G	42	5.684G	43	5.380G	44	5.711G
45	5.302G	46	5.307G	47	5.406G	48	5.597G
49	5.399G	50	5.605G	51	5.585G	52	5.325G
53	5.395G	54	5.343G	55	5.573G	56	5.637G
57	5.393G	58	5.638G	59	5.432G	60	5.543G
61	5.326G	62	5.617G	63	5.352G	64	5.697G
65	5.348G	66	5.612G	67	5.324G	68	5.363G
69	5.323G	70	5.392G	71	5.271G	72	5.359G
73	5.460G	74	5.292G	75	5.339G	76	5.663G
77	5.439G	78	5.690G	79	5.640G	80	5.328G
81	5.517G	82	5.478G	83	5.396G	84	5.482G
85	5.724G	86	5.293G	87	5.483G	88	5.257G
89	5.434G	90	5.421G	91	5.658G	92	5.719G
93	5.251G	94	5.598G	95	5.619G	96	5.624G
97	5.522G	98	5.425G	99	5.433G	100	5.371G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.680G	2	5.308G	3	5.334G	4	5.409G
5	5.523G	6	5.281G	7	5.484G	8	5.349G
9	5.285G	10	5.431G	11	5.707G	12	5.655G
13	5.480G	14	5.296G	15	5.434G	16	5.365G
17	5.435G	18	5.499G	19	5.423G	20	5.710G
21	5.361G	22	5.503G	23	5.341G	24	5.564G
25	5.401G	26	5.446G	27	5.531G	28	5.686G
29	5.599G	30	5.455G	31	5.291G	32	5.390G
33	5.472G	34	5.712G	35	5.711G	36	5.268G
37	5.420G	38	5.440G	39	5.720G	40	5.632G
41	5.463G	42	5.457G	43	5.687G	44	5.382G
45	5.664G	46	5.370G	47	5.537G	48	5.612G
49	5.459G	50	5.279G	51	5.688G	52	5.344G
53	5.267G	54	5.534G	55	5.302G	56	5.660G
57	5.535G	58	5.424G	59	5.614G	60	5.638G
61	5.343G	62	5.705G	63	5.470G	64	5.708G
65	5.591G	66	5.429G	67	5.536G	68	5.319G
69	5.355G	70	5.464G	71	5.637G	72	5.606G
73	5.621G	74	5.615G	75	5.555G	76	5.563G
77	5.250G	78	5.665G	79	5.352G	80	5.594G
81	5.282G	82	5.371G	83	5.617G	84	5.654G
85	5.346G	86	5.491G	87	5.475G	88	5.315G
89	5.369G	90	5.490G	91	5.258G	92	5.481G
93	5.588G	94	5.461G	95	5.389G	96	5.326G
97	5.313G	98	5.723G	99	5.393G	100	5.627G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.570G	2	5.656G	3	5.265G	4	5.547G
5	5.650G	6	5.371G	7	5.581G	8	5.605G
9	5.320G	10	5.578G	11	5.667G	12	5.590G
13	5.673G	14	5.676G	15	5.476G	16	5.463G
17	5.623G	18	5.606G	19	5.385G	20	5.514G
21	5.568G	22	5.601G	23	5.642G	24	5.378G
25	5.602G	26	5.352G	27	5.295G	28	5.664G
29	5.299G	30	5.489G	31	5.399G	32	5.517G
33	5.435G	34	5.303G	35	5.550G	36	5.423G
37	5.275G	38	5.384G	39	5.258G	40	5.450G
41	5.407G	42	5.420G	43	5.630G	44	5.516G
45	5.588G	46	5.326G	47	5.336G	48	5.313G
49	5.625G	50	5.424G	51	5.364G	52	5.365G
53	5.442G	54	5.629G	55	5.263G	56	5.262G
57	5.554G	58	5.281G	59	5.715G	60	5.455G
61	5.700G	62	5.718G	63	5.449G	64	5.563G
65	5.522G	66	5.349G	67	5.490G	68	5.468G
69	5.497G	70	5.684G	71	5.409G	72	5.473G
73	5.513G	74	5.555G	75	5.388G	76	5.694G
77	5.618G	78	5.370G	79	5.392G	80	5.510G
81	5.346G	82	5.645G	83	5.670G	84	5.653G
85	5.644G	86	5.631G	87	5.345G	88	5.289G
89	5.351G	90	5.614G	91	5.297G	92	5.474G
93	5.530G	94	5.498G	95	5.457G	96	5.536G
97	5.529G	98	5.383G	99	5.401G	100	5.310G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.330G	2	5.447G	3	5.670G	4	5.681G
5	5.493G	6	5.476G	7	5.430G	8	5.366G
9	5.482G	10	5.485G	11	5.644G	12	5.419G
13	5.564G	14	5.514G	15	5.582G	16	5.433G
17	5.590G	18	5.561G	19	5.619G	20	5.334G
21	5.576G	22	5.298G	23	5.431G	24	5.457G
25	5.266G	26	5.692G	27	5.723G	28	5.299G
29	5.592G	30	5.664G	31	5.280G	32	5.389G
33	5.696G	34	5.400G	35	5.604G	36	5.281G
37	5.571G	38	5.661G	39	5.573G	40	5.293G
41	5.340G	42	5.502G	43	5.701G	44	5.632G
45	5.512G	46	5.452G	47	5.454G	48	5.628G
49	5.612G	50	5.587G	51	5.279G	52	5.480G
53	5.716G	54	5.343G	55	5.617G	56	5.428G
57	5.372G	58	5.676G	59	5.379G	60	5.524G
61	5.440G	62	5.342G	63	5.593G	64	5.535G
65	5.264G	66	5.269G	67	5.591G	68	5.695G
69	5.504G	70	5.562G	71	5.387G	72	5.678G
73	5.581G	74	5.258G	75	5.615G	76	5.616G
77	5.274G	78	5.697G	79	5.424G	80	5.663G
81	5.556G	82	5.603G	83	5.359G	84	5.341G
85	5.506G	86	5.599G	87	5.272G	88	5.349G
89	5.396G	90	5.508G	91	5.710G	92	5.310G
93	5.720G	94	5.451G	95	5.472G	96	5.391G
97	5.356G	98	5.360G	99	5.523G	100	5.467G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.642G	2	5.481G	3	5.719G	4	5.359G
5	5.396G	6	5.408G	7	5.381G	8	5.570G
9	5.309G	10	5.612G	11	5.653G	12	5.674G
13	5.340G	14	5.357G	15	5.582G	16	5.664G
17	5.257G	18	5.466G	19	5.662G	20	5.416G
21	5.459G	22	5.487G	23	5.684G	24	5.409G
25	5.425G	26	5.450G	27	5.344G	28	5.708G
29	5.610G	30	5.468G	31	5.438G	32	5.606G
33	5.295G	34	5.710G	35	5.639G	36	5.336G
37	5.484G	38	5.286G	39	5.388G	40	5.312G
41	5.352G	42	5.403G	43	5.269G	44	5.433G
45	5.661G	46	5.649G	47	5.517G	48	5.687G
49	5.584G	50	5.326G	51	5.447G	52	5.448G
53	5.418G	54	5.499G	55	5.430G	56	5.289G
57	5.365G	58	5.648G	59	5.583G	60	5.267G
61	5.474G	62	5.669G	63	5.482G	64	5.375G
65	5.712G	66	5.480G	67	5.632G	68	5.477G
69	5.394G	70	5.521G	71	5.353G	72	5.414G
73	5.273G	74	5.413G	75	5.278G	76	5.677G
77	5.327G	78	5.341G	79	5.439G	80	5.356G
81	5.294G	82	5.451G	83	5.529G	84	5.367G
85	5.536G	86	5.458G	87	5.322G	88	5.705G
89	5.519G	90	5.331G	91	5.625G	92	5.713G
93	5.657G	94	5.324G	95	5.472G	96	5.390G
97	5.509G	98	5.693G	99	5.527G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.523G	2	5.554G	3	5.362G	4	5.698G
5	5.580G	6	5.359G	7	5.549G	8	5.673G
9	5.659G	10	5.556G	11	5.570G	12	5.356G
13	5.718G	14	5.609G	15	5.340G	16	5.484G
17	5.520G	18	5.462G	19	5.282G	20	5.562G
21	5.278G	22	5.640G	23	5.655G	24	5.401G
25	5.559G	26	5.558G	27	5.512G	28	5.487G
29	5.385G	30	5.314G	31	5.431G	32	5.489G
33	5.353G	34	5.438G	35	5.475G	36	5.678G
37	5.613G	38	5.626G	39	5.460G	40	5.529G
41	5.263G	42	5.407G	43	5.717G	44	5.260G
45	5.527G	46	5.501G	47	5.319G	48	5.360G
49	5.688G	50	5.381G	51	5.504G	52	5.687G
53	5.598G	54	5.464G	55	5.373G	56	5.646G
57	5.593G	58	5.397G	59	5.604G	60	5.539G
61	5.442G	62	5.481G	63	5.444G	64	5.583G
65	5.268G	66	5.506G	67	5.578G	68	5.311G
69	5.710G	70	5.684G	71	5.329G	72	5.421G
73	5.692G	74	5.345G	75	5.458G	76	5.662G
77	5.471G	78	5.357G	79	5.669G	80	5.380G
81	5.469G	82	5.497G	83	5.686G	84	5.390G
85	5.284G	86	5.434G	87	5.594G	88	5.568G
89	5.285G	90	5.524G	91	5.652G	92	5.324G
93	5.312G	94	5.309G	95	5.386G	96	5.617G
97	5.388G	98	5.266G	99	5.518G	100	5.552G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.263G	2	5.566G	3	5.292G	4	5.299G
5	5.419G	6	5.290G	7	5.623G	8	5.343G
9	5.358G	10	5.601G	11	5.462G	12	5.514G
13	5.537G	14	5.459G	15	5.438G	16	5.476G
17	5.490G	18	5.527G	19	5.509G	20	5.502G
21	5.446G	22	5.348G	23	5.505G	24	5.277G
25	5.590G	26	5.326G	27	5.259G	28	5.644G
29	5.273G	30	5.671G	31	5.414G	32	5.720G
33	5.450G	34	5.587G	35	5.580G	36	5.354G
37	5.252G	38	5.649G	39	5.366G	40	5.436G
41	5.347G	42	5.640G	43	5.405G	44	5.711G
45	5.441G	46	5.329G	47	5.568G	48	5.461G
49	5.695G	50	5.335G	51	5.375G	52	5.250G
53	5.453G	54	5.508G	55	5.616G	56	5.421G
57	5.439G	58	5.653G	59	5.606G	60	5.680G
61	5.404G	62	5.585G	63	5.519G	64	5.612G
65	5.285G	66	5.639G	67	5.499G	68	5.413G
69	5.352G	70	5.561G	71	5.692G	72	5.254G
73	5.473G	74	5.402G	75	5.319G	76	5.603G
77	5.396G	78	5.392G	79	5.645G	80	5.484G
81	5.423G	82	5.457G	83	5.407G	84	5.563G
85	5.291G	86	5.270G	87	5.632G	88	5.255G
89	5.424G	90	5.615G	91	5.345G	92	5.657G
93	5.589G	94	5.630G	95	5.274G	96	5.301G
97	5.571G	98	5.513G	99	5.378G	100	5.549G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.410G	2	5.663G	3	5.251G	4	5.704G
5	5.703G	6	5.530G	7	5.326G	8	5.536G
9	5.416G	10	5.396G	11	5.441G	12	5.612G
13	5.588G	14	5.582G	15	5.428G	16	5.376G
17	5.581G	18	5.465G	19	5.293G	20	5.632G
21	5.535G	22	5.676G	23	5.509G	24	5.626G
25	5.392G	26	5.360G	27	5.497G	28	5.356G
29	5.577G	30	5.434G	31	5.640G	32	5.403G
33	5.262G	34	5.591G	35	5.258G	36	5.505G
37	5.407G	38	5.268G	39	5.371G	40	5.433G
41	5.291G	42	5.527G	43	5.646G	44	5.480G
45	5.385G	46	5.694G	47	5.269G	48	5.406G
49	5.504G	50	5.335G	51	5.373G	52	5.378G
53	5.318G	54	5.319G	55	5.617G	56	5.394G
57	5.555G	58	5.490G	59	5.256G	60	5.670G
61	5.531G	62	5.639G	63	5.557G	64	5.426G
65	5.521G	66	5.641G	67	5.540G	68	5.411G
69	5.629G	70	5.518G	71	5.607G	72	5.320G
73	5.455G	74	5.556G	75	5.375G	76	5.388G
77	5.514G	78	5.702G	79	5.250G	80	5.568G
81	5.571G	82	5.404G	83	5.681G	84	5.523G
85	5.669G	86	5.596G	87	5.705G	88	5.459G
89	5.515G	90	5.628G	91	5.336G	92	5.302G
93	5.452G	94	5.265G	95	5.273G	96	5.276G
97	5.282G	98	5.354G	99	5.425G	100	5.532G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.457G	2	5.700G	3	5.590G	4	5.372G
5	5.379G	6	5.263G	7	5.595G	8	5.683G
9	5.684G	10	5.699G	11	5.365G	12	5.619G
13	5.374G	14	5.722G	15	5.701G	16	5.359G
17	5.578G	18	5.667G	19	5.514G	20	5.611G
21	5.433G	22	5.280G	23	5.428G	24	5.529G
25	5.485G	26	5.647G	27	5.363G	28	5.633G
29	5.376G	30	5.339G	31	5.716G	32	5.442G
33	5.425G	34	5.471G	35	5.274G	36	5.464G
37	5.418G	38	5.599G	39	5.396G	40	5.481G
41	5.307G	42	5.544G	43	5.621G	44	5.574G
45	5.405G	46	5.472G	47	5.686G	48	5.640G
49	5.510G	50	5.527G	51	5.467G	52	5.258G
53	5.603G	54	5.368G	55	5.718G	56	5.679G
57	5.314G	58	5.493G	59	5.462G	60	5.613G
61	5.267G	62	5.299G	63	5.281G	64	5.654G
65	5.615G	66	5.614G	67	5.317G	68	5.600G
69	5.703G	70	5.256G	71	5.630G	72	5.298G
73	5.584G	74	5.711G	75	5.598G	76	5.311G
77	5.398G	78	5.469G	79	5.402G	80	5.636G
81	5.423G	82	5.409G	83	5.270G	84	5.581G
85	5.546G	86	5.539G	87	5.663G	88	5.377G
89	5.625G	90	5.416G	91	5.634G	92	5.689G
93	5.649G	94	5.550G	95	5.593G	96	5.626G
97	5.429G	98	5.656G	99	5.447G	100	5.554G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.317G	2	5.688G	3	5.325G	4	5.708G
5	5.569G	6	5.356G	7	5.536G	8	5.557G
9	5.403G	10	5.389G	11	5.673G	12	5.449G
13	5.370G	14	5.329G	15	5.367G	16	5.513G
17	5.539G	18	5.594G	19	5.508G	20	5.573G
21	5.319G	22	5.353G	23	5.332G	24	5.514G
25	5.311G	26	5.647G	27	5.476G	28	5.418G
29	5.378G	30	5.354G	31	5.548G	32	5.624G
33	5.299G	34	5.540G	35	5.506G	36	5.567G
37	5.434G	38	5.568G	39	5.667G	40	5.278G
41	5.256G	42	5.558G	43	5.424G	44	5.503G
45	5.262G	46	5.566G	47	5.507G	48	5.668G
49	5.347G	50	5.610G	51	5.334G	52	5.535G
53	5.593G	54	5.459G	55	5.591G	56	5.660G
57	5.462G	58	5.586G	59	5.662G	60	5.308G
61	5.585G	62	5.479G	63	5.519G	64	5.545G
65	5.431G	66	5.695G	67	5.453G	68	5.601G
69	5.486G	70	5.543G	71	5.716G	72	5.564G
73	5.656G	74	5.426G	75	5.257G	76	5.595G
77	5.527G	78	5.423G	79	5.487G	80	5.669G
81	5.368G	82	5.289G	83	5.412G	84	5.645G
85	5.500G	86	5.670G	87	5.290G	88	5.417G
89	5.458G	90	5.671G	91	5.276G	92	5.269G
93	5.359G	94	5.316G	95	5.700G	96	5.509G
97	5.443G	98	5.581G	99	5.576G	100	5.511G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.446G	2	5.365G	3	5.370G	4	5.433G
5	5.296G	6	5.359G	7	5.550G	8	5.564G
9	5.403G	10	5.609G	11	5.591G	12	5.294G
13	5.640G	14	5.428G	15	5.518G	16	5.654G
17	5.322G	18	5.587G	19	5.305G	20	5.485G
21	5.267G	22	5.255G	23	5.575G	24	5.606G
25	5.723G	26	5.598G	27	5.632G	28	5.483G
29	5.374G	30	5.583G	31	5.258G	32	5.586G
33	5.282G	34	5.572G	35	5.284G	36	5.717G
37	5.690G	38	5.670G	39	5.608G	40	5.251G
41	5.524G	42	5.605G	43	5.668G	44	5.253G
45	5.562G	46	5.470G	47	5.497G	48	5.711G
49	5.625G	50	5.408G	51	5.406G	52	5.299G
53	5.266G	54	5.281G	55	5.439G	56	5.399G
57	5.540G	58	5.469G	59	5.639G	60	5.663G
61	5.687G	62	5.566G	63	5.659G	64	5.634G
65	5.409G	66	5.623G	67	5.387G	68	5.288G
69	5.644G	70	5.265G	71	5.563G	72	5.685G
73	5.713G	74	5.650G	75	5.414G	76	5.391G
77	5.541G	78	5.664G	79	5.688G	80	5.437G
81	5.335G	82	5.651G	83	5.423G	84	5.662G
85	5.646G	86	5.309G	87	5.616G	88	5.324G
89	5.691G	90	5.316G	91	5.457G	92	5.379G
93	5.656G	94	5.618G	95	5.291G	96	5.348G
97	5.534G	98	5.278G	99	5.361G	100	5.292G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.359G	2	5.258G	3	5.496G	4	5.410G
5	5.694G	6	5.693G	7	5.458G	8	5.676G
9	5.464G	10	5.473G	11	5.480G	12	5.352G
13	5.499G	14	5.635G	15	5.601G	16	5.717G
17	5.253G	18	5.279G	19	5.273G	20	5.514G
21	5.303G	22	5.715G	23	5.660G	24	5.331G
25	5.414G	26	5.689G	27	5.295G	28	5.599G
29	5.462G	30	5.638G	31	5.466G	32	5.399G
33	5.513G	34	5.388G	35	5.595G	36	5.265G
37	5.344G	38	5.579G	39	5.607G	40	5.355G
41	5.589G	42	5.555G	43	5.469G	44	5.452G
45	5.538G	46	5.401G	47	5.339G	48	5.512G
49	5.519G	50	5.296G	51	5.504G	52	5.390G
53	5.261G	54	5.431G	55	5.477G	56	5.720G
57	5.304G	58	5.712G	59	5.657G	60	5.292G
61	5.366G	62	5.278G	63	5.457G	64	5.482G
65	5.543G	66	5.637G	67	5.602G	68	5.479G
69	5.581G	70	5.382G	71	5.692G	72	5.259G
73	5.271G	74	5.471G	75	5.375G	76	5.537G
77	5.572G	78	5.718G	79	5.503G	80	5.272G
81	5.533G	82	5.592G	83	5.518G	84	5.542G
85	5.544G	86	5.646G	87	5.354G	88	5.609G
89	5.302G	90	5.713G	91	5.719G	92	5.590G
93	5.297G	94	5.343G	95	5.585G	96	5.454G
97	5.541G	98	5.487G	99	5.320G	100	5.610G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.512G	2	5.450G	3	5.371G	4	5.402G
5	5.621G	6	5.378G	7	5.359G	8	5.364G
9	5.493G	10	5.530G	11	5.652G	12	5.335G
13	5.308G	14	5.298G	15	5.275G	16	5.353G
17	5.473G	18	5.266G	19	5.531G	20	5.413G
21	5.705G	22	5.552G	23	5.469G	24	5.453G
25	5.452G	26	5.580G	27	5.536G	28	5.619G
29	5.284G	30	5.575G	31	5.485G	32	5.410G
33	5.355G	34	5.492G	35	5.462G	36	5.532G
37	5.430G	38	5.678G	39	5.490G	40	5.554G
41	5.480G	42	5.608G	43	5.487G	44	5.600G
45	5.380G	46	5.386G	47	5.260G	48	5.458G
49	5.466G	50	5.273G	51	5.370G	52	5.590G
53	5.340G	54	5.317G	55	5.432G	56	5.372G
57	5.601G	58	5.516G	59	5.529G	60	5.506G
61	5.441G	62	5.437G	63	5.724G	64	5.501G
65	5.719G	66	5.377G	67	5.693G	68	5.513G
69	5.319G	70	5.589G	71	5.488G	72	5.545G
73	5.360G	74	5.722G	75	5.366G	76	5.396G
77	5.333G	78	5.358G	79	5.565G	80	5.497G
81	5.331G	82	5.261G	83	5.539G	84	5.272G
85	5.414G	86	5.544G	87	5.407G	88	5.550G
89	5.337G	90	5.702G	91	5.286G	92	5.334G
93	5.510G	94	5.406G	95	5.476G	96	5.704G
97	5.397G	98	5.597G	99	5.572G	100	5.535G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.534G	2	5.285G	3	5.395G	4	5.370G
5	5.345G	6	5.436G	7	5.387G	8	5.476G
9	5.287G	10	5.411G	11	5.679G	12	5.556G
13	5.382G	14	5.648G	15	5.439G	16	5.693G
17	5.337G	18	5.591G	19	5.351G	20	5.529G
21	5.448G	22	5.394G	23	5.441G	24	5.663G
25	5.522G	26	5.618G	27	5.656G	28	5.404G
29	5.264G	30	5.640G	31	5.505G	32	5.623G
33	5.427G	34	5.699G	35	5.560G	36	5.528G
37	5.533G	38	5.686G	39	5.696G	40	5.654G
41	5.535G	42	5.579G	43	5.554G	44	5.336G
45	5.362G	46	5.722G	47	5.334G	48	5.723G
49	5.659G	50	5.259G	51	5.280G	52	5.365G
53	5.497G	54	5.502G	55	5.694G	56	5.257G
57	5.258G	58	5.372G	59	5.385G	60	5.561G
61	5.376G	62	5.263G	63	5.255G	64	5.704G
65	5.271G	66	5.409G	67	5.516G	68	5.310G
69	5.569G	70	5.373G	71	5.422G	72	5.685G
73	5.412G	74	5.397G	75	5.491G	76	5.541G
77	5.304G	78	5.364G	79	5.681G	80	5.456G
81	5.419G	82	5.472G	83	5.424G	84	5.282G
85	5.701G	86	5.454G	87	5.269G	88	5.442G
89	5.484G	90	5.363G	91	5.413G	92	5.607G
93	5.384G	94	5.286G	95	5.297G	96	5.270G
97	5.690G	98	5.643G	99	5.539G	100	5.291G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.711G	2	5.431G	3	5.576G	4	5.297G
5	5.366G	6	5.436G	7	5.718G	8	5.618G
9	5.477G	10	5.340G	11	5.541G	12	5.587G
13	5.664G	14	5.666G	15	5.719G	16	5.535G
17	5.276G	18	5.373G	19	5.698G	20	5.539G
21	5.307G	22	5.311G	23	5.267G	24	5.283G
25	5.396G	26	5.479G	27	5.679G	28	5.409G
29	5.720G	30	5.317G	31	5.389G	32	5.255G
33	5.513G	34	5.270G	35	5.635G	36	5.476G
37	5.256G	38	5.467G	39	5.509G	40	5.306G
41	5.706G	42	5.558G	43	5.546G	44	5.527G
45	5.418G	46	5.505G	47	5.644G	48	5.621G
49	5.322G	50	5.434G	51	5.619G	52	5.263G
53	5.699G	54	5.375G	55	5.680G	56	5.364G
57	5.293G	58	5.553G	59	5.596G	60	5.631G
61	5.709G	62	5.332G	63	5.574G	64	5.388G
65	5.613G	66	5.381G	67	5.368G	68	5.316G
69	5.480G	70	5.713G	71	5.407G	72	5.465G
73	5.629G	74	5.704G	75	5.518G	76	5.555G
77	5.716G	78	5.416G	79	5.438G	80	5.335G
81	5.257G	82	5.310G	83	5.724G	84	5.567G
85	5.568G	86	5.537G	87	5.371G	88	5.531G
89	5.668G	90	5.323G	91	5.656G	92	5.262G
93	5.659G	94	5.496G	95	5.591G	96	5.324G
97	5.592G	98	5.691G	99	5.578G	100	5.450G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.590G	2	5.674G	3	5.521G	4	5.549G
5	5.394G	6	5.358G	7	5.349G	8	5.453G
9	5.304G	10	5.463G	11	5.272G	12	5.258G
13	5.269G	14	5.690G	15	5.685G	16	5.587G
17	5.340G	18	5.424G	19	5.322G	20	5.486G
21	5.343G	22	5.346G	23	5.342G	24	5.300G
25	5.565G	26	5.387G	27	5.372G	28	5.605G
29	5.437G	30	5.593G	31	5.415G	32	5.635G
33	5.606G	34	5.538G	35	5.509G	36	5.569G
37	5.466G	38	5.616G	39	5.567G	40	5.281G
41	5.458G	42	5.504G	43	5.553G	44	5.648G
45	5.661G	46	5.655G	47	5.348G	48	5.331G
49	5.517G	50	5.347G	51	5.429G	52	5.693G
53	5.413G	54	5.460G	55	5.256G	56	5.694G
57	5.489G	58	5.548G	59	5.500G	60	5.371G
61	5.335G	62	5.438G	63	5.293G	64	5.651G
65	5.566G	66	5.584G	67	5.510G	68	5.388G
69	5.629G	70	5.381G	71	5.271G	72	5.537G
73	5.386G	74	5.594G	75	5.332G	76	5.498G
77	5.490G	78	5.446G	79	5.554G	80	5.297G
81	5.530G	82	5.649G	83	5.723G	84	5.670G
85	5.360G	86	5.697G	87	5.722G	88	5.303G
89	5.615G	90	5.313G	91	5.352G	92	5.581G
93	5.312G	94	5.607G	95	5.482G	96	5.709G
97	5.719G	98	5.702G	99	5.669G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.689G	2	5.390G	3	5.324G	4	5.486G
5	5.464G	6	5.353G	7	5.712G	8	5.365G
9	5.474G	10	5.457G	11	5.352G	12	5.419G
13	5.414G	14	5.623G	15	5.303G	16	5.532G
17	5.278G	18	5.439G	19	5.555G	20	5.700G
21	5.478G	22	5.410G	23	5.487G	24	5.534G
25	5.710G	26	5.622G	27	5.463G	28	5.275G
29	5.624G	30	5.490G	31	5.647G	32	5.447G
33	5.564G	34	5.404G	35	5.270G	36	5.515G
37	5.281G	38	5.453G	39	5.649G	40	5.433G
41	5.385G	42	5.703G	43	5.285G	44	5.302G
45	5.695G	46	5.259G	47	5.383G	48	5.529G
49	5.724G	50	5.472G	51	5.499G	52	5.432G
53	5.298G	54	5.501G	55	5.458G	56	5.579G
57	5.273G	58	5.661G	59	5.559G	60	5.601G
61	5.704G	62	5.681G	63	5.616G	64	5.660G
65	5.483G	66	5.256G	67	5.544G	68	5.619G
69	5.641G	70	5.372G	71	5.511G	72	5.672G
73	5.625G	74	5.265G	75	5.378G	76	5.428G
77	5.293G	78	5.562G	79	5.477G	80	5.357G
81	5.484G	82	5.374G	83	5.533G	84	5.396G
85	5.574G	86	5.301G	87	5.514G	88	5.277G
89	5.571G	90	5.288G	91	5.271G	92	5.489G
93	5.308G	94	5.468G	95	5.282G	96	5.570G
97	5.581G	98	5.662G	99	5.305G	100	5.709G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.461G	2	5.575G	3	5.619G	4	5.689G
5	5.668G	6	5.665G	7	5.325G	8	5.328G
9	5.326G	10	5.350G	11	5.718G	12	5.471G
13	5.589G	14	5.427G	15	5.574G	16	5.535G
17	5.624G	18	5.531G	19	5.487G	20	5.441G
21	5.478G	22	5.399G	23	5.382G	24	5.417G
25	5.401G	26	5.539G	27	5.519G	28	5.262G
29	5.705G	30	5.310G	31	5.578G	32	5.268G
33	5.520G	34	5.258G	35	5.517G	36	5.448G
37	5.406G	38	5.345G	39	5.640G	40	5.455G
41	5.323G	42	5.693G	43	5.608G	44	5.518G
45	5.597G	46	5.687G	47	5.628G	48	5.381G
49	5.299G	50	5.416G	51	5.498G	52	5.287G
53	5.261G	54	5.595G	55	5.270G	56	5.396G
57	5.450G	58	5.527G	59	5.465G	60	5.307G
61	5.462G	62	5.654G	63	5.333G	64	5.712G
65	5.266G	66	5.298G	67	5.524G	68	5.449G
69	5.613G	70	5.451G	71	5.632G	72	5.319G
73	5.677G	74	5.604G	75	5.425G	76	5.714G
77	5.537G	78	5.642G	79	5.646G	80	5.711G
81	5.546G	82	5.470G	83	5.413G	84	5.543G
85	5.658G	86	5.721G	87	5.332G	88	5.629G
89	5.388G	90	5.501G	91	5.339G	92	5.550G
93	5.473G	94	5.720G	95	5.564G	96	5.584G
97	5.662G	98	5.657G	99	5.548G	100	5.252G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.563G	2	5.454G	3	5.685G	4	5.333G
5	5.425G	6	5.392G	7	5.596G	8	5.666G
9	5.691G	10	5.411G	11	5.326G	12	5.486G
13	5.601G	14	5.391G	15	5.267G	16	5.471G
17	5.482G	18	5.592G	19	5.692G	20	5.361G
21	5.558G	22	5.662G	23	5.325G	24	5.260G
25	5.284G	26	5.514G	27	5.271G	28	5.626G
29	5.340G	30	5.297G	31	5.711G	32	5.512G
33	5.603G	34	5.703G	35	5.721G	36	5.678G
37	5.368G	38	5.417G	39	5.602G	40	5.261G
41	5.509G	42	5.324G	43	5.513G	44	5.537G
45	5.706G	46	5.661G	47	5.312G	48	5.282G
49	5.419G	50	5.632G	51	5.487G	52	5.710G
53	5.269G	54	5.259G	55	5.520G	56	5.608G
57	5.322G	58	5.403G	59	5.441G	60	5.715G
61	5.557G	62	5.408G	63	5.675G	64	5.705G
65	5.542G	66	5.293G	67	5.528G	68	5.344G
69	5.334G	70	5.713G	71	5.689G	72	5.300G
73	5.550G	74	5.289G	75	5.511G	76	5.427G
77	5.455G	78	5.346G	79	5.273G	80	5.398G
81	5.389G	82	5.501G	83	5.499G	84	5.379G
85	5.609G	86	5.502G	87	5.630G	88	5.399G
89	5.366G	90	5.360G	91	5.416G	92	5.349G
93	5.496G	94	5.467G	95	5.280G	96	5.351G
97	5.401G	98	5.614G	99	5.674G	100	5.543G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.604G	2	5.499G	3	5.601G	4	5.411G
5	5.681G	6	5.406G	7	5.378G	8	5.488G
9	5.311G	10	5.691G	11	5.541G	12	5.647G
13	5.617G	14	5.506G	15	5.599G	16	5.390G
17	5.688G	18	5.624G	19	5.306G	20	5.438G
21	5.420G	22	5.613G	23	5.352G	24	5.589G
25	5.518G	26	5.457G	27	5.349G	28	5.266G
29	5.257G	30	5.381G	31	5.484G	32	5.531G
33	5.722G	34	5.611G	35	5.646G	36	5.625G
37	5.669G	38	5.497G	39	5.580G	40	5.542G
41	5.416G	42	5.471G	43	5.693G	44	5.709G
45	5.292G	46	5.312G	47	5.554G	48	5.562G
49	5.533G	50	5.493G	51	5.678G	52	5.286G
53	5.280G	54	5.566G	55	5.412G	56	5.424G
57	5.537G	58	5.523G	59	5.437G	60	5.388G
61	5.529G	62	5.654G	63	5.302G	64	5.558G
65	5.370G	66	5.476G	67	5.430G	68	5.413G
69	5.319G	70	5.473G	71	5.417G	72	5.422G
73	5.344G	74	5.441G	75	5.528G	76	5.643G
77	5.409G	78	5.371G	79	5.626G	80	5.532G
81	5.310G	82	5.648G	83	5.432G	84	5.591G
85	5.402G	86	5.277G	87	5.536G	88	5.325G
89	5.619G	90	5.342G	91	5.707G	92	5.396G
93	5.623G	94	5.540G	95	5.273G	96	5.538G
97	5.376G	98	5.629G	99	5.427G	100	5.516G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.701G	2	5.702G	3	5.293G	4	5.261G
5	5.431G	6	5.635G	7	5.457G	8	5.372G
9	5.438G	10	5.697G	11	5.528G	12	5.302G
13	5.565G	14	5.368G	15	5.353G	16	5.618G
17	5.520G	18	5.326G	19	5.561G	20	5.458G
21	5.319G	22	5.710G	23	5.517G	24	5.455G
25	5.296G	26	5.414G	27	5.530G	28	5.562G
29	5.337G	30	5.371G	31	5.365G	32	5.351G
33	5.408G	34	5.279G	35	5.546G	36	5.428G
37	5.253G	38	5.637G	39	5.325G	40	5.575G
41	5.616G	42	5.582G	43	5.303G	44	5.511G
45	5.397G	46	5.628G	47	5.312G	48	5.510G
49	5.393G	50	5.291G	51	5.704G	52	5.412G
53	5.277G	54	5.523G	55	5.534G	56	5.698G
57	5.409G	58	5.383G	59	5.514G	60	5.343G
61	5.643G	62	5.346G	63	5.395G	64	5.254G
65	5.529G	66	5.633G	67	5.432G	68	5.622G
69	5.712G	70	5.502G	71	5.688G	72	5.394G
73	5.705G	74	5.678G	75	5.629G	76	5.276G
77	5.522G	78	5.551G	79	5.507G	80	5.685G
81	5.544G	82	5.563G	83	5.367G	84	5.607G
85	5.641G	86	5.509G	87	5.470G	88	5.469G
89	5.557G	90	5.570G	91	5.579G	92	5.441G
93	5.307G	94	5.374G	95	5.624G	96	5.548G
97	5.294G	98	5.287G	99	5.676G	100	5.693G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.709G	2	5.684G	3	5.399G	4	5.294G
5	5.529G	6	5.477G	7	5.380G	8	5.354G
9	5.360G	10	5.307G	11	5.363G	12	5.423G
13	5.432G	14	5.368G	15	5.304G	16	5.387G
17	5.708G	18	5.314G	19	5.395G	20	5.492G
21	5.438G	22	5.577G	23	5.520G	24	5.600G
25	5.665G	26	5.511G	27	5.429G	28	5.500G
29	5.264G	30	5.572G	31	5.434G	32	5.315G
33	5.686G	34	5.463G	35	5.262G	36	5.510G
37	5.310G	38	5.480G	39	5.617G	40	5.649G
41	5.690G	42	5.442G	43	5.679G	44	5.334G
45	5.512G	46	5.574G	47	5.576G	48	5.273G
49	5.455G	50	5.330G	51	5.257G	52	5.428G
53	5.491G	54	5.609G	55	5.287G	56	5.546G
57	5.564G	58	5.560G	59	5.321G	60	5.446G
61	5.568G	62	5.433G	63	5.457G	64	5.662G
65	5.332G	66	5.575G	67	5.271G	68	5.610G
69	5.514G	70	5.579G	71	5.499G	72	5.676G
73	5.713G	74	5.721G	75	5.604G	76	5.583G
77	5.316G	78	5.654G	79	5.260G	80	5.678G
81	5.538G	82	5.550G	83	5.580G	84	5.688G
85	5.277G	86	5.313G	87	5.523G	88	5.584G
89	5.386G	90	5.421G	91	5.286G	92	5.556G
93	5.566G	94	5.450G	95	5.701G	96	5.656G
97	5.724G	98	5.362G	99	5.475G	100	5.349G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.558G	2	5.435G	3	5.455G	4	5.684G
5	5.360G	6	5.585G	7	5.483G	8	5.316G
9	5.416G	10	5.720G	11	5.395G	12	5.283G
13	5.374G	14	5.396G	15	5.420G	16	5.536G
17	5.352G	18	5.282G	19	5.449G	20	5.660G
21	5.320G	22	5.337G	23	5.517G	24	5.410G
25	5.552G	26	5.353G	27	5.367G	28	5.586G
29	5.568G	30	5.419G	31	5.690G	32	5.516G
33	5.432G	34	5.287G	35	5.308G	36	5.322G
37	5.555G	38	5.478G	39	5.377G	40	5.661G
41	5.589G	42	5.406G	43	5.523G	44	5.650G
45	5.512G	46	5.356G	47	5.507G	48	5.319G
49	5.527G	50	5.597G	51	5.652G	52	5.596G
53	5.639G	54	5.624G	55	5.288G	56	5.430G
57	5.573G	58	5.343G	59	5.648G	60	5.621G
61	5.649G	62	5.666G	63	5.647G	64	5.607G
65	5.345G	66	5.450G	67	5.696G	68	5.444G
69	5.383G	70	5.445G	71	5.722G	72	5.566G
73	5.603G	74	5.412G	75	5.341G	76	5.678G
77	5.371G	78	5.405G	79	5.465G	80	5.574G
81	5.677G	82	5.671G	83	5.560G	84	5.469G
85	5.468G	86	5.305G	87	5.610G	88	5.688G
89	5.724G	90	5.629G	91	5.277G	92	5.674G
93	5.479G	94	5.338G	95	5.415G	96	5.685G
97	5.294G	98	5.547G	99	5.339G	100	5.667G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.340G	2	5.454G	3	5.538G	4	5.391G
5	5.425G	6	5.663G	7	5.533G	8	5.347G
9	5.564G	10	5.562G	11	5.356G	12	5.418G
13	5.704G	14	5.548G	15	5.322G	16	5.604G
17	5.607G	18	5.369G	19	5.298G	20	5.413G
21	5.254G	22	5.320G	23	5.380G	24	5.406G
25	5.561G	26	5.314G	27	5.515G	28	5.592G
29	5.574G	30	5.552G	31	5.259G	32	5.543G
33	5.300G	34	5.611G	35	5.503G	36	5.627G
37	5.258G	38	5.521G	39	5.567G	40	5.575G
41	5.269G	42	5.527G	43	5.512G	44	5.453G
45	5.253G	46	5.378G	47	5.481G	48	5.569G
49	5.558G	50	5.557G	51	5.296G	52	5.404G
53	5.321G	54	5.479G	55	5.719G	56	5.487G
57	5.350G	58	5.266G	59	5.474G	60	5.461G
61	5.422G	62	5.609G	63	5.681G	64	5.506G
65	5.400G	66	5.467G	67	5.684G	68	5.351G
69	5.456G	70	5.327G	71	5.312G	72	5.722G
73	5.565G	74	5.252G	75	5.617G	76	5.660G
77	5.325G	78	5.285G	79	5.396G	80	5.644G
81	5.642G	82	5.262G	83	5.444G	84	5.554G
85	5.531G	86	5.318G	87	5.382G	88	5.434G
89	5.724G	90	5.618G	91	5.326G	92	5.339G
93	5.606G	94	5.596G	95	5.257G	96	5.542G
97	5.288G	98	5.439G	99	5.436G	100	5.427G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.300G	2	5.505G	3	5.551G	4	5.671G
5	5.340G	6	5.588G	7	5.439G	8	5.403G
9	5.517G	10	5.567G	11	5.323G	12	5.549G
13	5.712G	14	5.448G	15	5.715G	16	5.504G
17	5.254G	18	5.709G	19	5.257G	20	5.295G
21	5.441G	22	5.523G	23	5.695G	24	5.321G
25	5.361G	26	5.691G	27	5.543G	28	5.575G
29	5.722G	30	5.256G	31	5.595G	32	5.326G
33	5.574G	34	5.689G	35	5.285G	36	5.611G
37	5.258G	38	5.606G	39	5.251G	40	5.446G
41	5.576G	42	5.370G	43	5.336G	44	5.700G
45	5.271G	46	5.584G	47	5.680G	48	5.384G
49	5.345G	50	5.266G	51	5.724G	52	5.277G
53	5.593G	54	5.388G	55	5.331G	56	5.355G
57	5.503G	58	5.463G	59	5.679G	60	5.545G
61	5.697G	62	5.619G	63	5.327G	64	5.307G
65	5.716G	66	5.554G	67	5.685G	68	5.316G
69	5.536G	70	5.290G	71	5.614G	72	5.351G
73	5.450G	74	5.564G	75	5.396G	76	5.550G
77	5.368G	78	5.255G	79	5.628G	80	5.313G
81	5.322G	82	5.557G	83	5.613G	84	5.373G
85	5.440G	86	5.723G	87	5.720G	88	5.280G
89	5.352G	90	5.705G	91	5.379G	92	5.488G
93	5.527G	94	5.650G	95	5.406G	96	5.632G
97	5.400G	98	5.704G	99	5.324G	100	5.633G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.404G	2	5.666G	3	5.640G	4	5.697G
5	5.562G	6	5.589G	7	5.679G	8	5.628G
9	5.387G	10	5.256G	11	5.587G	12	5.578G
13	5.448G	14	5.292G	15	5.593G	16	5.365G
17	5.437G	18	5.649G	19	5.642G	20	5.591G
21	5.507G	22	5.616G	23	5.430G	24	5.305G
25	5.500G	26	5.478G	27	5.314G	28	5.397G
29	5.270G	30	5.532G	31	5.647G	32	5.298G
33	5.360G	34	5.263G	35	5.316G	36	5.517G
37	5.582G	38	5.486G	39	5.491G	40	5.343G
41	5.482G	42	5.543G	43	5.459G	44	5.452G
45	5.673G	46	5.682G	47	5.560G	48	5.269G
49	5.317G	50	5.606G	51	5.410G	52	5.721G
53	5.363G	54	5.548G	55	5.409G	56	5.675G
57	5.285G	58	5.669G	59	5.714G	60	5.691G
61	5.441G	62	5.440G	63	5.359G	64	5.451G
65	5.672G	66	5.567G	67	5.302G	68	5.456G
69	5.275G	70	5.723G	71	5.291G	72	5.569G
73	5.439G	74	5.492G	75	5.266G	76	5.401G
77	5.602G	78	5.638G	79	5.664G	80	5.554G
81	5.498G	82	5.386G	83	5.344G	84	5.461G
85	5.313G	86	5.388G	87	5.331G	88	5.427G
89	5.633G	90	5.559G	91	5.355G	92	5.720G
93	5.392G	94	5.627G	95	5.572G	96	5.511G
97	5.557G	98	5.564G	99	5.579G	100	5.347G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.568G	2	5.697G	3	5.705G	4	5.708G
5	5.508G	6	5.569G	7	5.342G	8	5.511G
9	5.540G	10	5.441G	11	5.621G	12	5.470G
13	5.257G	14	5.507G	15	5.655G	16	5.278G
17	5.276G	18	5.578G	19	5.712G	20	5.372G
21	5.715G	22	5.667G	23	5.611G	24	5.403G
25	5.490G	26	5.566G	27	5.437G	28	5.542G
29	5.605G	30	5.580G	31	5.311G	32	5.338G
33	5.658G	34	5.500G	35	5.719G	36	5.464G
37	5.619G	38	5.397G	39	5.262G	40	5.678G
41	5.430G	42	5.556G	43	5.582G	44	5.548G
45	5.295G	46	5.513G	47	5.550G	48	5.297G
49	5.376G	50	5.587G	51	5.296G	52	5.457G
53	5.304G	54	5.321G	55	5.622G	56	5.291G
57	5.305G	58	5.600G	59	5.539G	60	5.329G
61	5.359G	62	5.635G	63	5.644G	64	5.693G
65	5.487G	66	5.373G	67	5.632G	68	5.589G
69	5.700G	70	5.345G	71	5.331G	72	5.348G
73	5.533G	74	5.670G	75	5.289G	76	5.406G
77	5.477G	78	5.593G	79	5.675G	80	5.446G
81	5.355G	82	5.465G	83	5.564G	84	5.377G
85	5.347G	86	5.266G	87	5.549G	88	5.643G
89	5.392G	90	5.414G	91	5.396G	92	5.319G
93	5.572G	94	5.518G	95	5.669G	96	5.367G
97	5.663G	98	5.263G	99	5.573G	100	5.261G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.415G	2	5.307G	3	5.624G	4	5.397G
5	5.297G	6	5.322G	7	5.476G	8	5.338G
9	5.514G	10	5.252G	11	5.716G	12	5.708G
13	5.539G	14	5.294G	15	5.346G	16	5.488G
17	5.562G	18	5.262G	19	5.560G	20	5.704G
21	5.479G	22	5.355G	23	5.276G	24	5.321G
25	5.421G	26	5.645G	27	5.508G	28	5.715G
29	5.547G	30	5.350G	31	5.315G	32	5.259G
33	5.667G	34	5.344G	35	5.274G	36	5.280G
37	5.616G	38	5.250G	39	5.691G	40	5.533G
41	5.671G	42	5.309G	43	5.352G	44	5.449G
45	5.718G	46	5.591G	47	5.367G	48	5.686G
49	5.496G	50	5.376G	51	5.661G	52	5.601G
53	5.663G	54	5.439G	55	5.714G	56	5.257G
57	5.692G	58	5.417G	59	5.403G	60	5.569G
61	5.359G	62	5.683G	63	5.456G	64	5.629G
65	5.270G	66	5.594G	67	5.483G	68	5.527G
69	5.267G	70	5.636G	71	5.429G	72	5.345G
73	5.364G	74	5.409G	75	5.696G	76	5.481G
77	5.689G	78	5.652G	79	5.330G	80	5.433G
81	5.719G	82	5.597G	83	5.462G	84	5.287G
85	5.677G	86	5.643G	87	5.697G	88	5.404G
89	5.273G	90	5.464G	91	5.275G	92	5.548G
93	5.637G	94	5.292G	95	5.424G	96	5.329G
97	5.630G	98	5.529G	99	5.531G	100	5.498G

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