DFS TEST REPORT

REPORT NO.: RF980618L05A-2

MODEL NO.: WNDR3700

RECEIVED: Jun. 18, 2009

TESTED: Jan. 24, 2011

ISSUED: Jan. 28, 2011

APPLICANT: NETGEAR, INC.

ADDRESS: 350 East Plumeria Drive San Jose, CA 95134

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

LAB ADDRESS: No. 47, 14th Ling, Chia Pau 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: RangeMax Dual Band Wireless-N Gigabit Router
BRAND: NETGEAR
MODEL NO.: WNDR3700
APPLICANT: NETGEAR, INC.
TESTED: Jan. 24, 2011
TEST SAMPLE: ENGINEERING SAMPLE
STANDARDS: **FCC Part 15, Subpart E (Section 15.407)**
FCC 06-96

The above equipment (Model:WNDR3700) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : _____ , **DATE :** Jan. 28, 2011
Andrea Hsia / Specialist

TECHNICAL ACCEPTANCE : _____ , **DATE :** Jan. 28, 2011
Responsible for RF
Dylan Chiou / Senior Engineer

APPROVED BY : _____ , **DATE :** Jan. 28, 2011
Gary Chang / Assistant Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

Table 1: Operating frequency bands and mode of EUT.

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

The EUT has disabled the 5600 ~ 5650 MHz band

2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT software/firmware version.

No.	Product	Model No.	Software/Firmware Version
1	RangeMax Dual Band Wireless-N Gigabit Router	WNDR3700	1.0.4.99-NA

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list.

Ant NO.	Antenna	Type	Operation Frequency Range(MHz)	Max. Gain(dBi)	Remark
1	Printed	Printed	5250~5350	3.7	
1	Printed	Printed	5470~5725	3.7	
2	Printed	Printed	5250~5350	3.8	
2	Printed	Printed	5470~5725	3.8	
3	Printed	Printed	5250~5350	3.8	
3	Printed	Printed	5470~5725	3.8	
4	Printed	Printed	5250~5350	3.9	
4	Printed	Printed	5470~5725	3.9	

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	22.7	185.8	5	3.162
1	5470~5725	20.8	119.1	5	3.162

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	22.7	183.3	5	3.162
1	5470~5725	20.7	116.2	5	3.162

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	22.7	184.5	5	3.162
1	5470~5725	22.2	167.2	5	3.162

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	26.4	436.5	8.7	7.413
1	5470~5725	24.5	281.8	8.7	7.413

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	26.4	436.5	8.7	7.413
1	5470~5725	24.4	275.4	8.7	7.413

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	26.4	436.5	8.7	7.413
1	5470~5725	25.9	389.0	8.7	7.413

3. U-NII DFS RULE REQUIREMENTS

3.1 WORKING MODES AND REQUIRED TEST ITEMS

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

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

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

Table 7: Applicability of DFS requirements during normal operation

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

3.2 TEST LIMITS AND RADAR SIGNAL PARAMETERS

DETECTION THRESHOLD VALUES

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

Maximum Transmit Power	Value (See Notes 1 and 2)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt	-62 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.	

Table 9: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 80% of the UNII 99% transmission power bandwidth. See Note 3.
Note 1: The instant that the Channel Move Time and the Channel Closing Transmission Time begins is as follows: • For the Short Pulse Radar Test Signals this instant is the end of the Burst. • For the Frequency Hopping radar Test Signal, this instant is the end of the last radar Burst generated. • For the Long Pulse Radar Test Signal this instant is the end of the 12 second period defining the Radar Waveform. **Note 2:** The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. **Note 3:** During the U-NII Detection Bandwidth detection test, radar type 1 is used and for each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

PARAMETERS OF DFS TEST SIGNALS

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

Table 10: Short Pulse Radar Test Waveforms.

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

Table 11: Long Pulse Radar Test Waveform

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

Table 12: Frequency Hopping Radar Test Waveform

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

4. TEST & SUPPORT EQUIPMENT LIST

4.1 TEST INSTRUMENTS

Table 1: Test instruments list.

DESCRIPTION & MANUFACTURER	MODEL NO.	BRAND	CALIBRATED UNTIL
R&S Spectrum analyzer	FSP40	R&S	Jul. 16, 2011
Signal generator	8645A	Agilent	Jun. 07, 2011
Oscilloscope	TDS 5104	Tektronix	Sep. 02, 2011
Control PC	Pavilion a320d	HP	--

4.2 DESCRIPTION OF SUPPORT UNITS

TABLE 2: SUPPORT UNIT INFORMATION.

No.	Product	Brand	Model No.	ID	Spec.
1	Wireless USB Adapter	NETGEAR	WNDA3100	PY307300073	

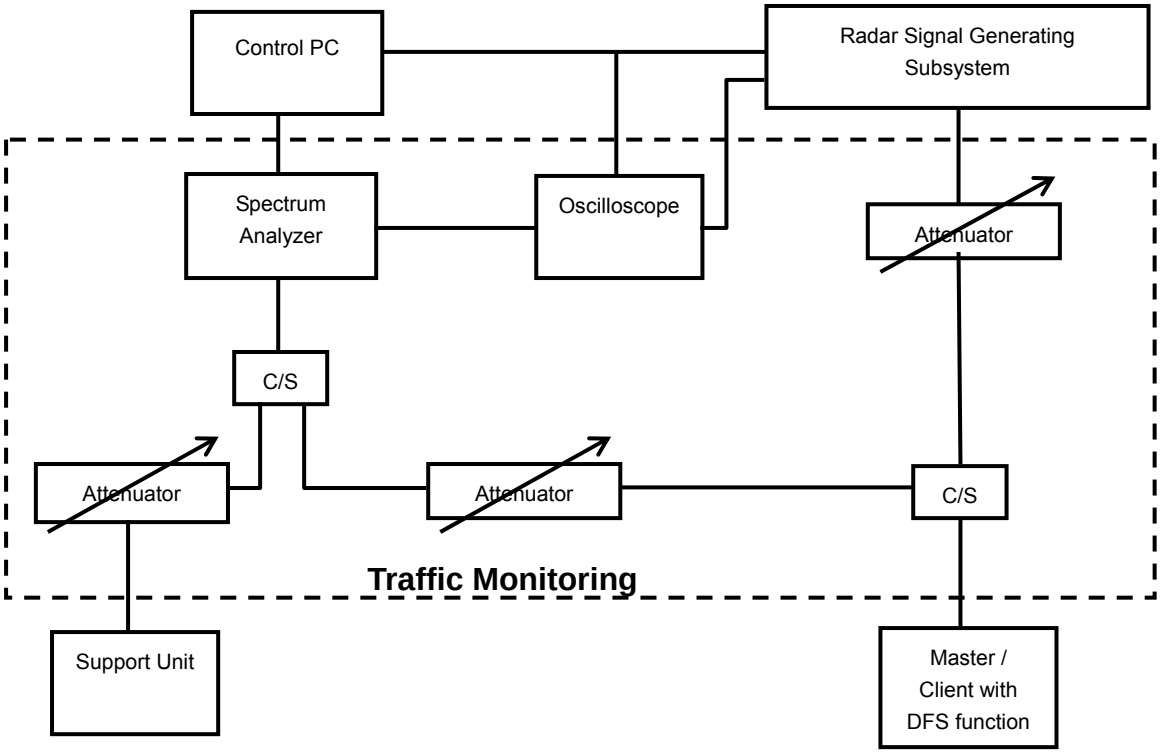
Note: This device was functioned as a □Master ■Slave device during the DFS test.

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

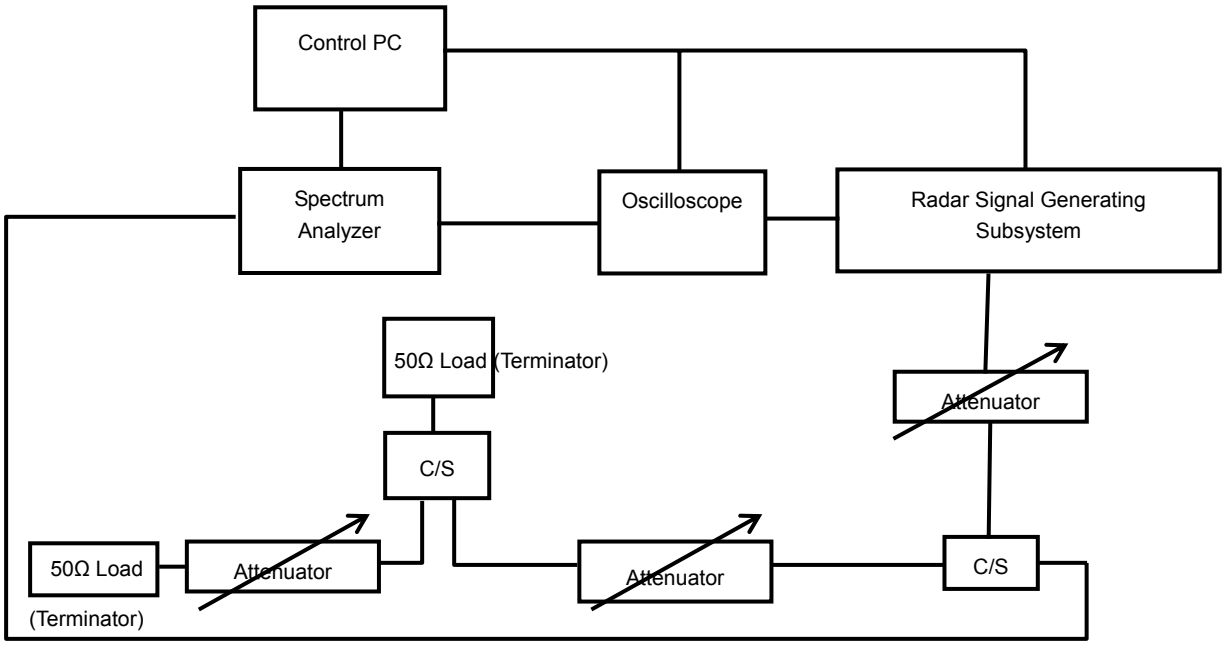


The test transmission will always be from the Master Device to the Client Device. While the Client device is set up to associate with the Master device and play the MPEG file (6 $\frac{1}{2}$ Magic Hours) from Master device, the designated MPEG test file and instructions are located at: http://ntiacsd.ntia.doc.gov/dfs/.

5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL:

The measured channel is 5500MHz and 5510MHz, The radar signal was the same as transmitted channels, and injected into the antenna port of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The Master antenna gain is 3.7dBi, and required detection threshold is -60.3dBm.

Conducted setup configuration of Calibration of DFS Detection Threshold Level

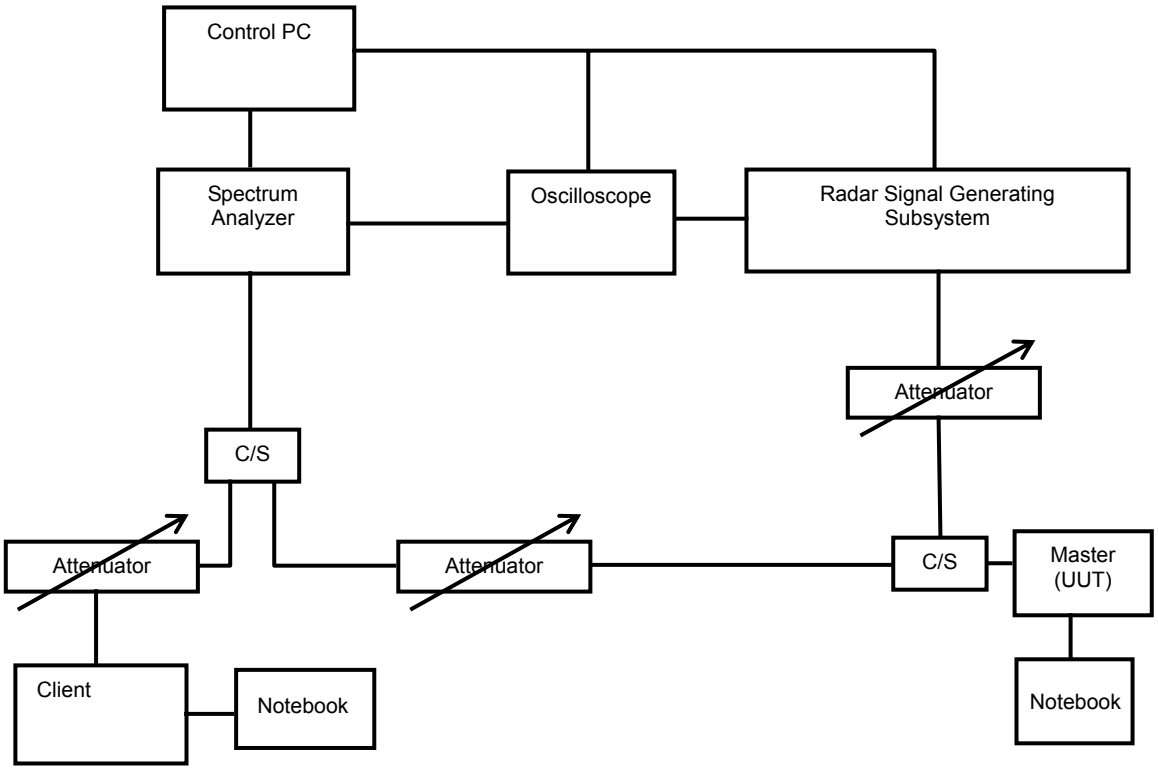


5.3 DEVIATION FROM TEST STANDARD

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

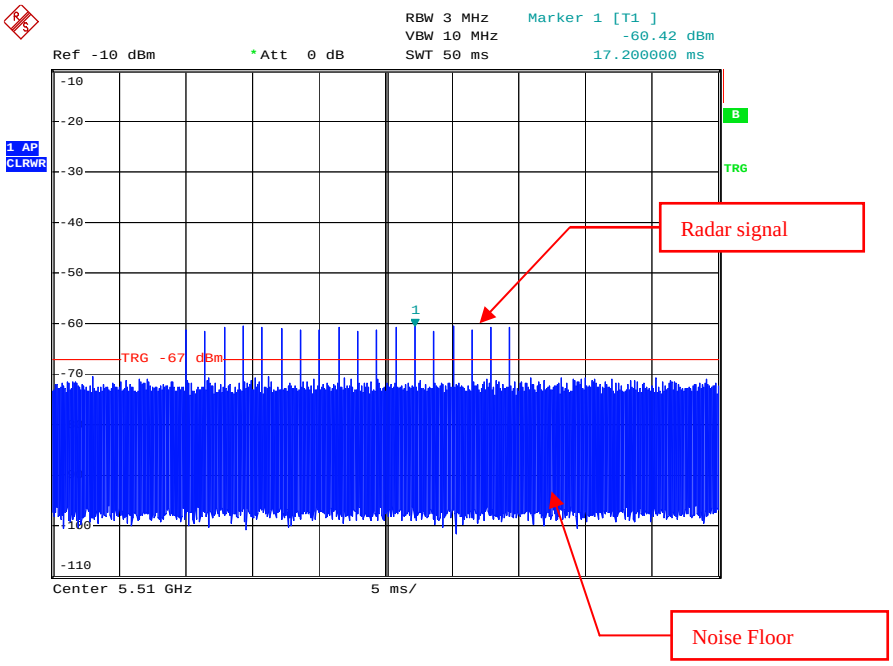
6.2 DETELED TEST RESULTS

6.2.1 TEST MODE: DEVICE OPERATING IN MASTER MODE.

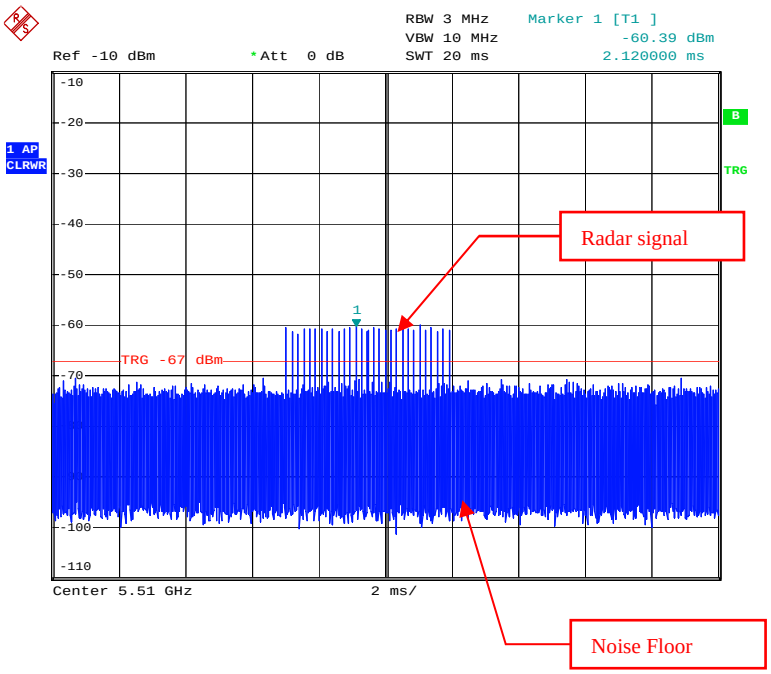
Master with injection at the Master. (Radar Test Waveforms are injected into the Master.

6.2.1.1 DFS DETECTION THRESHOLD

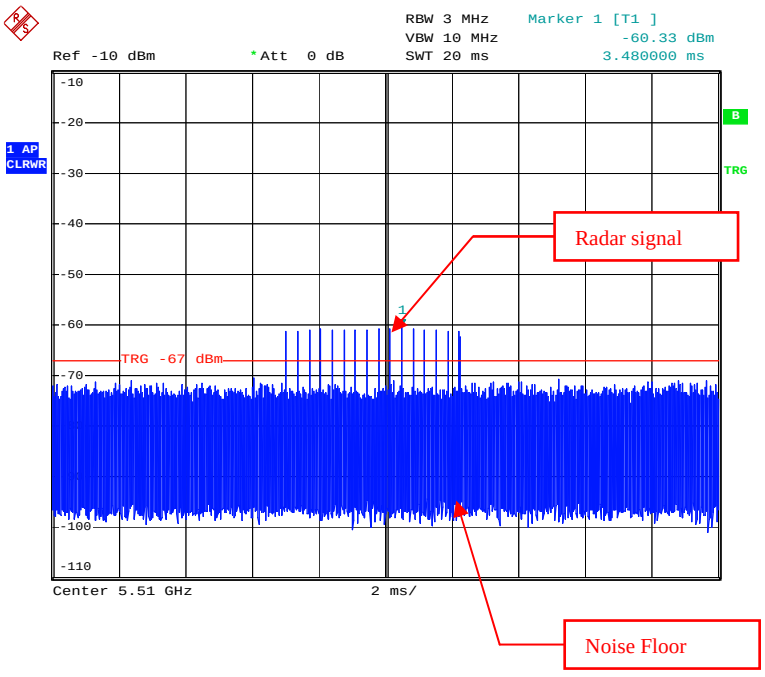
For a detection threshold level of –64dBm and the Master antenna gain is 3.7dBi, and required detection threshold is -60.3 dBm (= -64 +3.7). The conducted radar burst level is set to -60.3dBm.



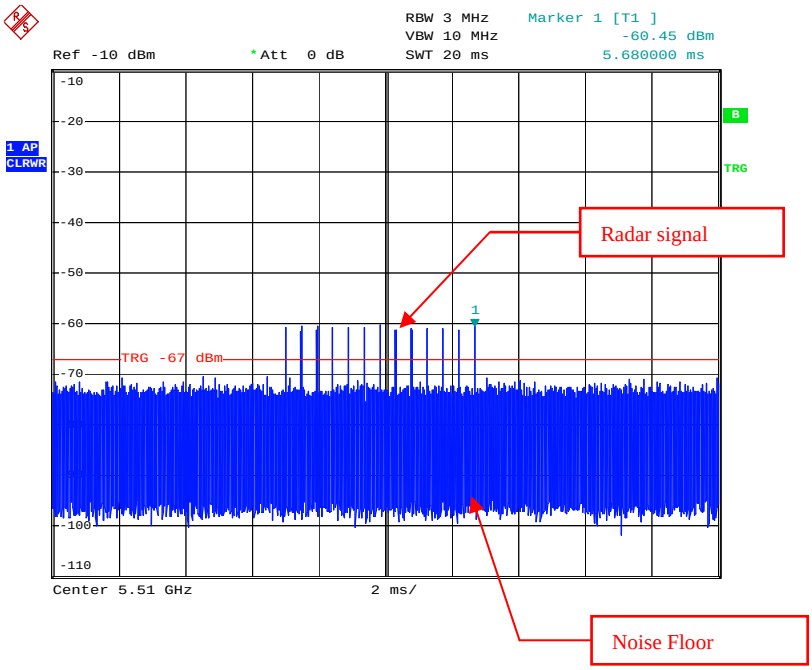
Radar Signal 1



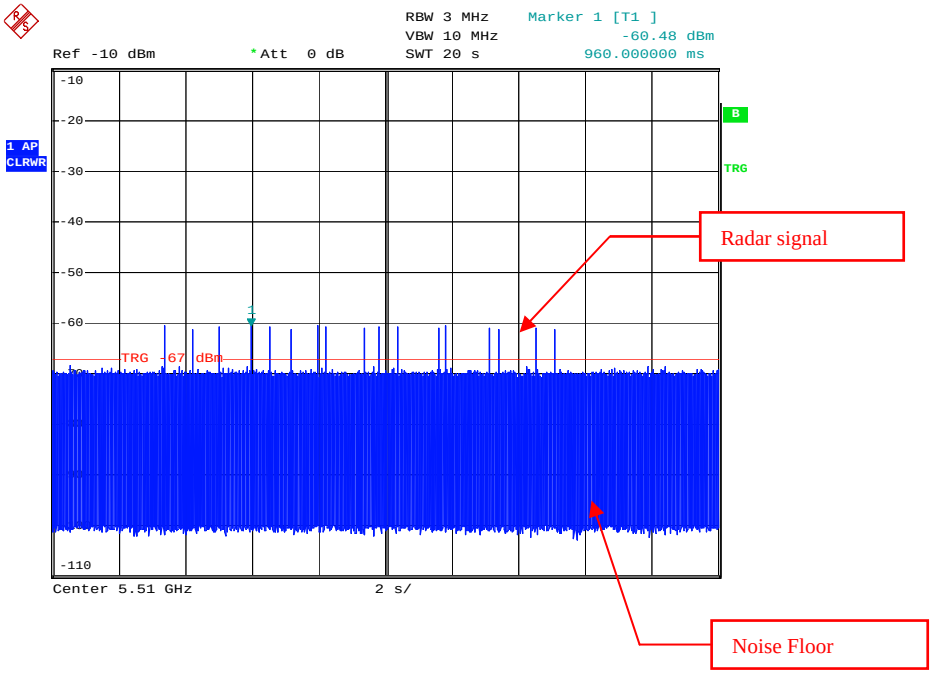
Radar Signal 2



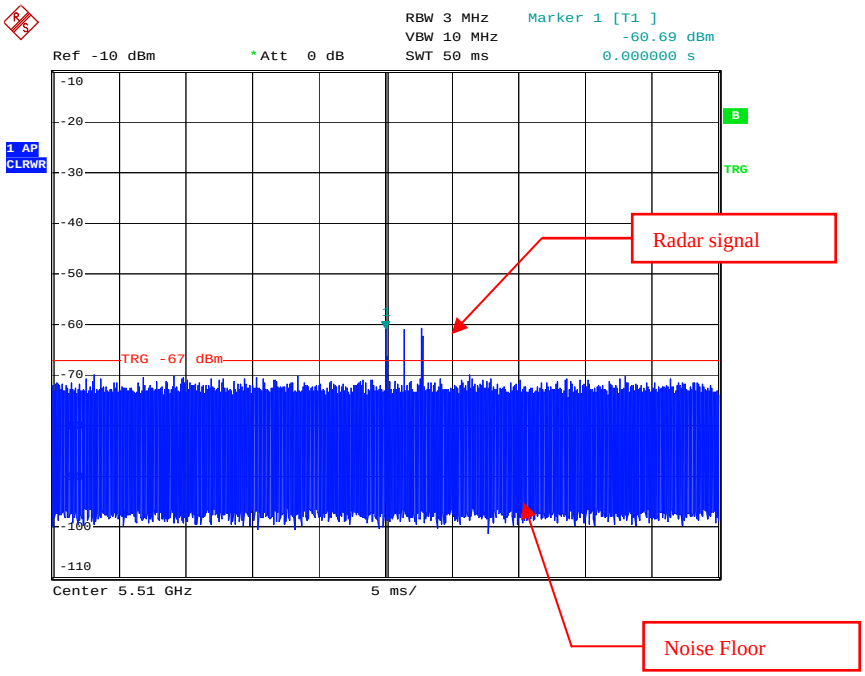
Radar Signal 3



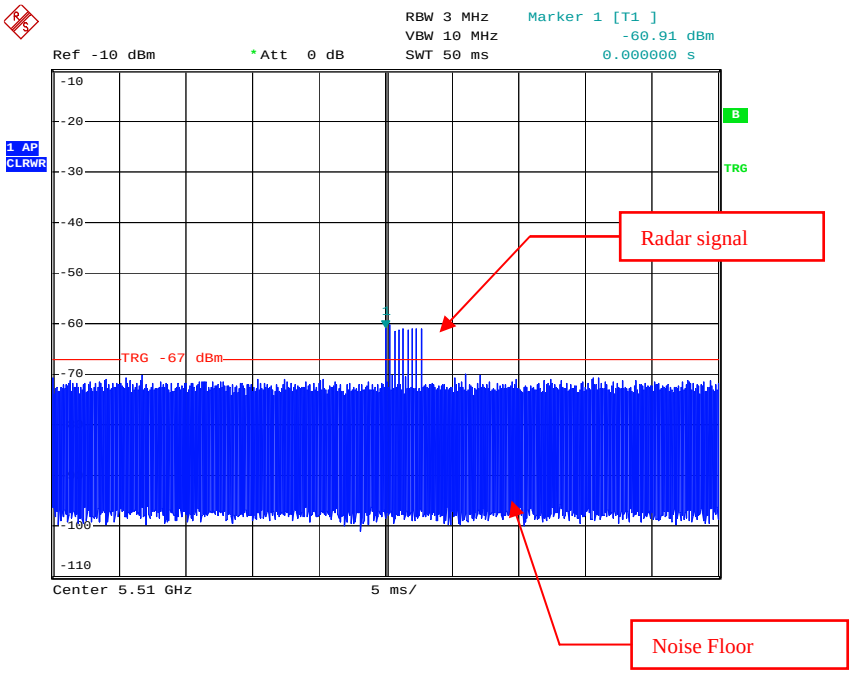
Radar Signal 4



Radar Signal 5



Single Burst of Radar Signal 5



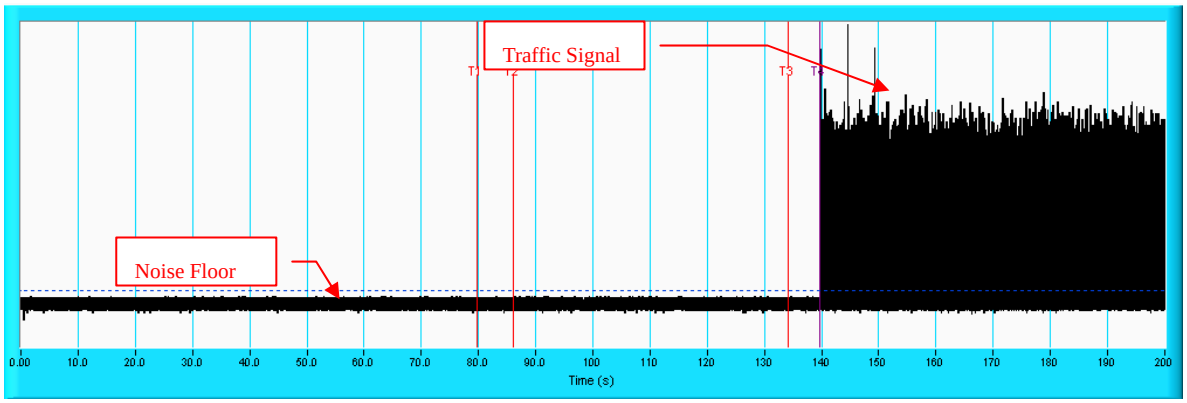
Radar Signal 6

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.

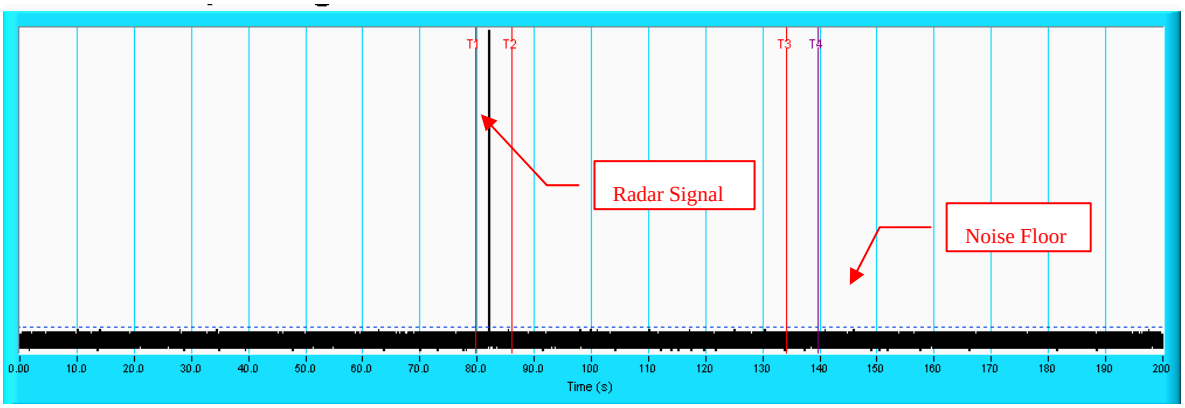
Timing of Radar Signal	Observation	
	UUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



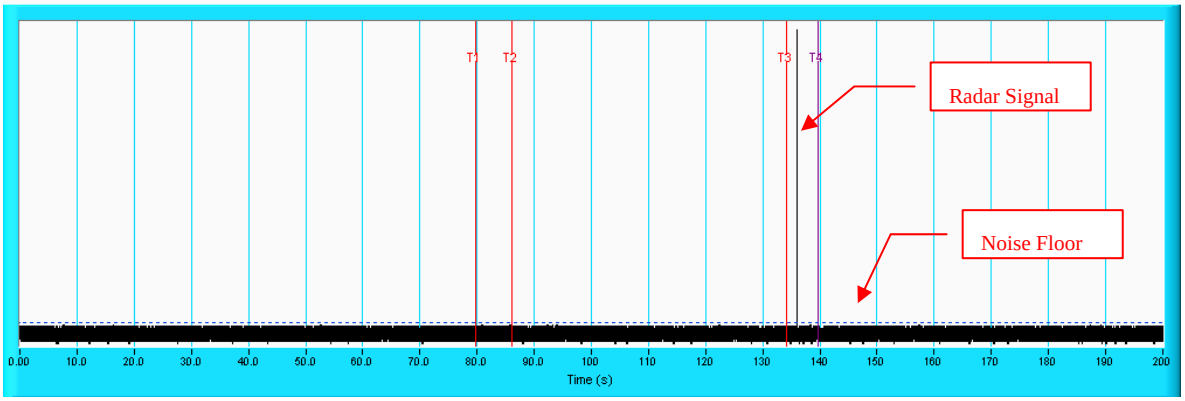
NOTE: T1 denotes the end of power-up time period is 80 second. T4 denotes the end of Channel Availability Check time is 140 second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 80 second. T2 denotes 86 second , the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 140 second.

Radar Burst at the End of the Channel Availability Check Time

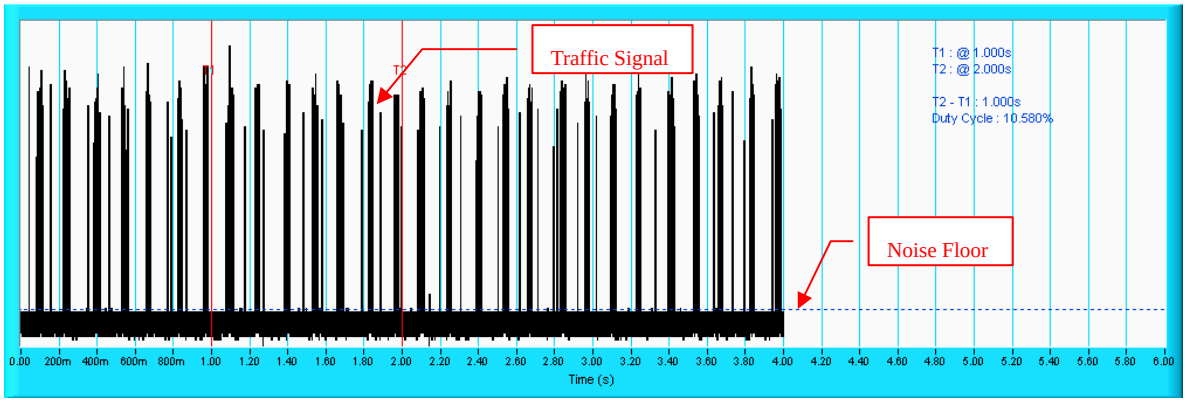


NOTE: T1 denotes the end of power up time period is 80 second. T3 denotes 134 second and radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 140 second.

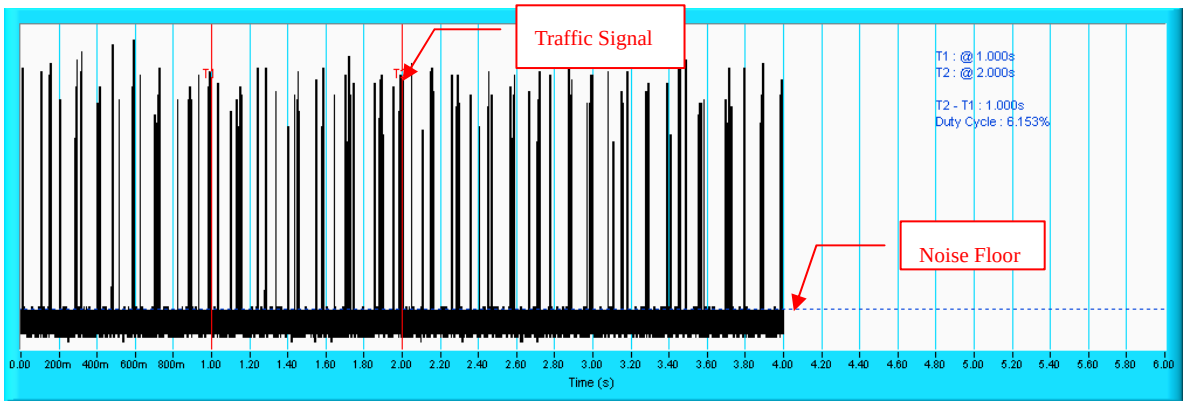
6.2.1.3 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

WLAN TRAFFIC

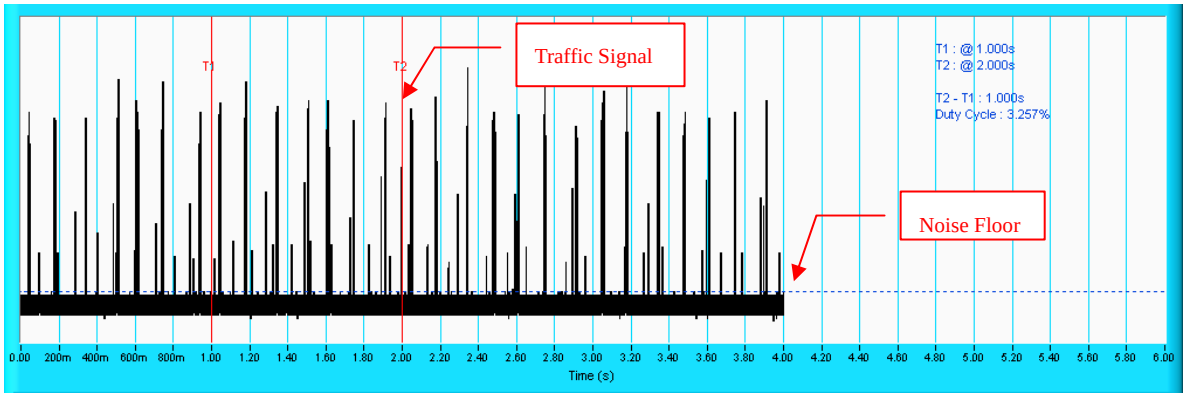
IEEE 802.11a



IEEE 802.11n 20MHz



IEEE 802.11n 40MHz



IEEE 802.11a

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	66.7
3	6-10	200-500	16-18	30	93.3
4	11-20	200-500	12-16	30	90
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	93.3

Table 3: Frequency Hopping Radar Test Waveform

Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	90

IEEE 802.11n 20MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	63.3
3	6-10	200-500	16-18	30	93.3
4	11-20	200-500	12-16	30	90
Aggregate (Radar Types 1-4)				120	86.6

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	96.7

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	90

IEEE 802.11n 40MHz

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	1428	18	30	100
2	1-5	150-230	23-29	30	70
3	6-10	200-500	16-18	30	93.3
4	11-20	200-500	12-16	30	93.3
Aggregate (Radar Types 1-4)				120	89.1

Table 2: Long Pulse Radar Test Waveform

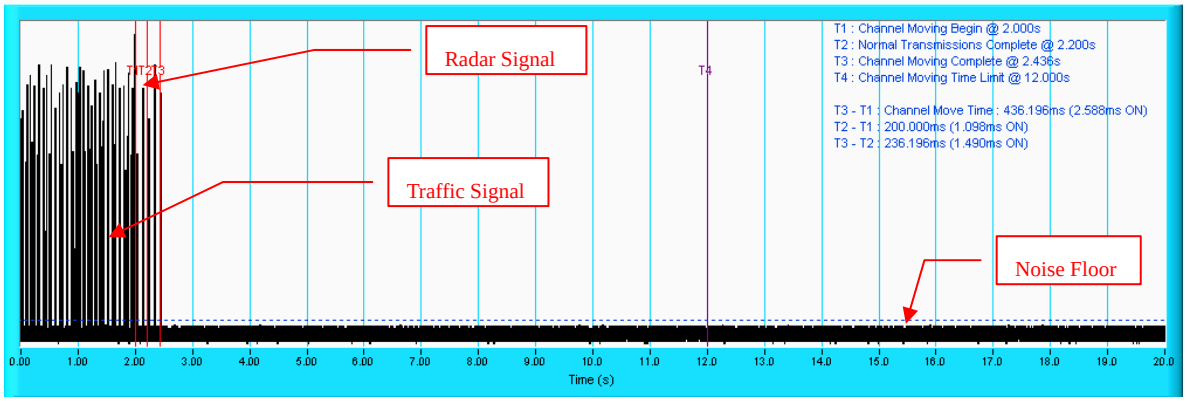
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	90

Table 3: Frequency Hopping Radar Test Waveform

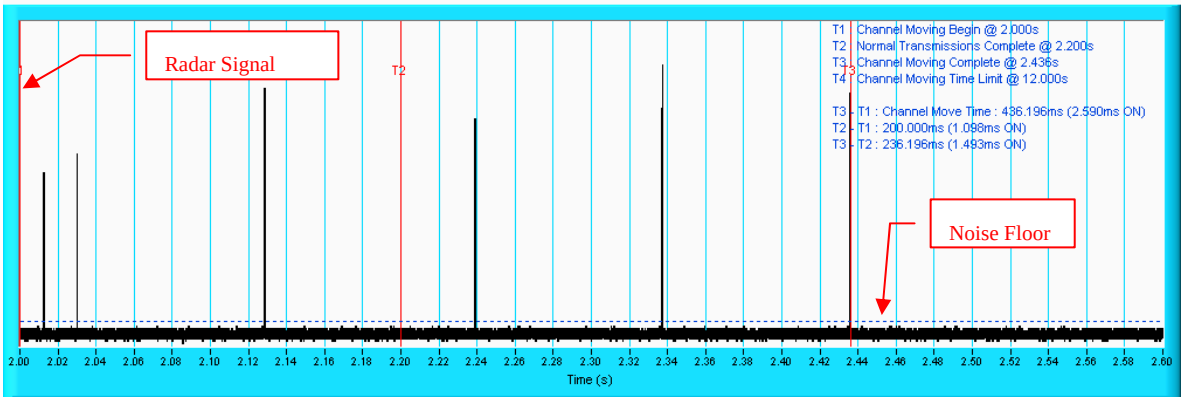
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	93.3

Radar signal 1

IEEE 802.11n 20MHz



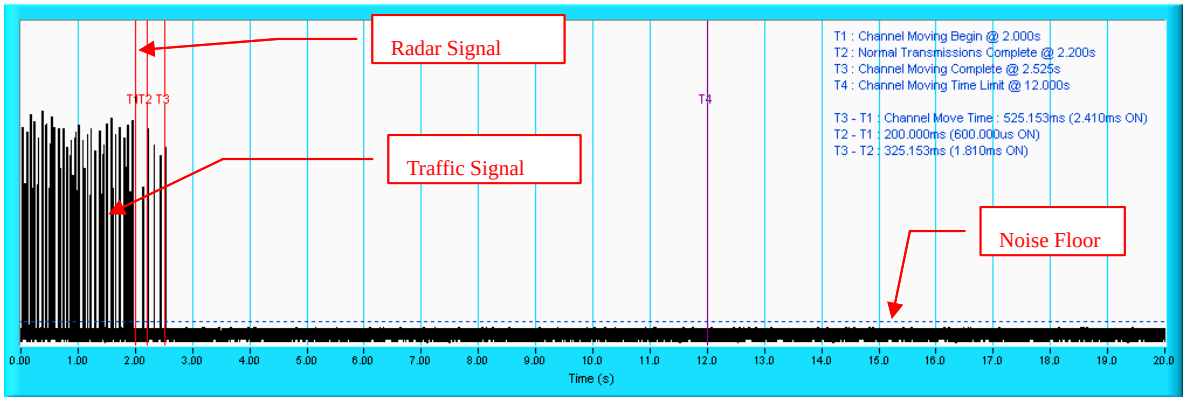
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



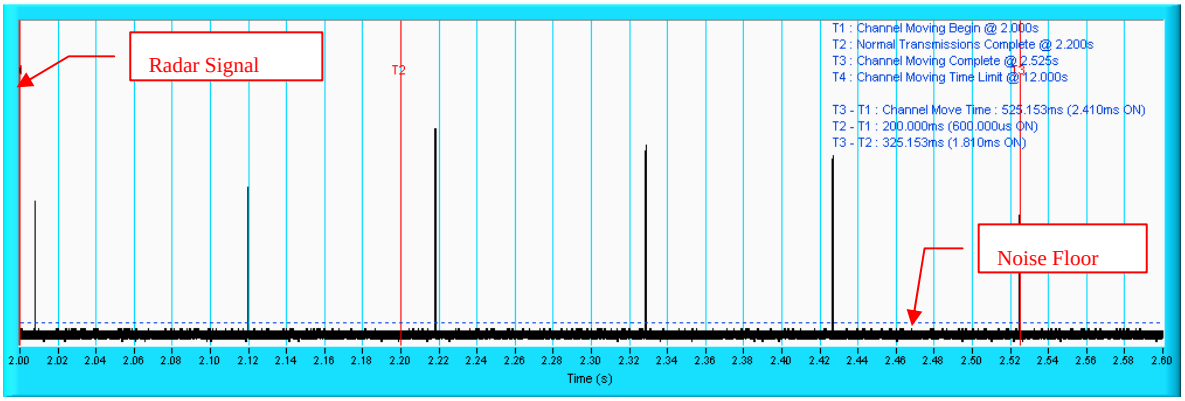
NOTE: An expanded plot for the device vacates the channel in the required 600ms

Radar signal 2

IEEE 802.11n 20MHz IEEE 802.11N 20MHz



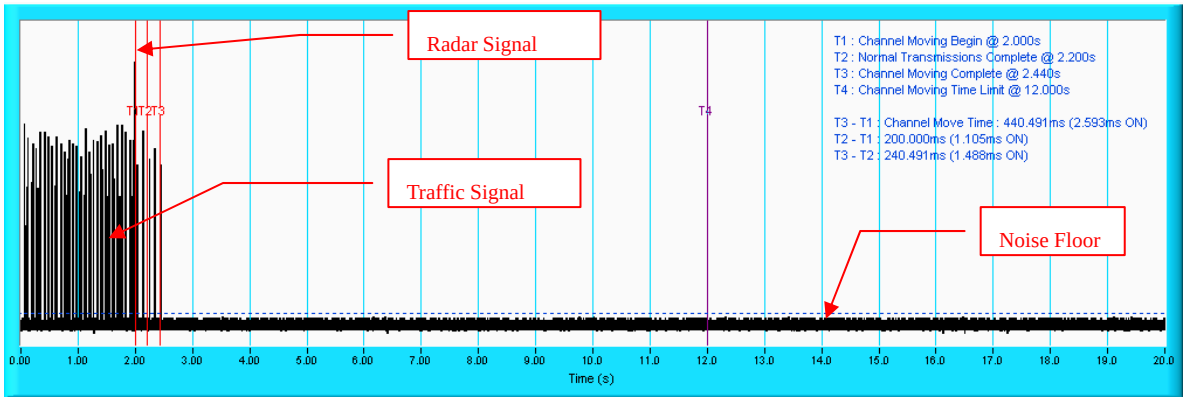
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



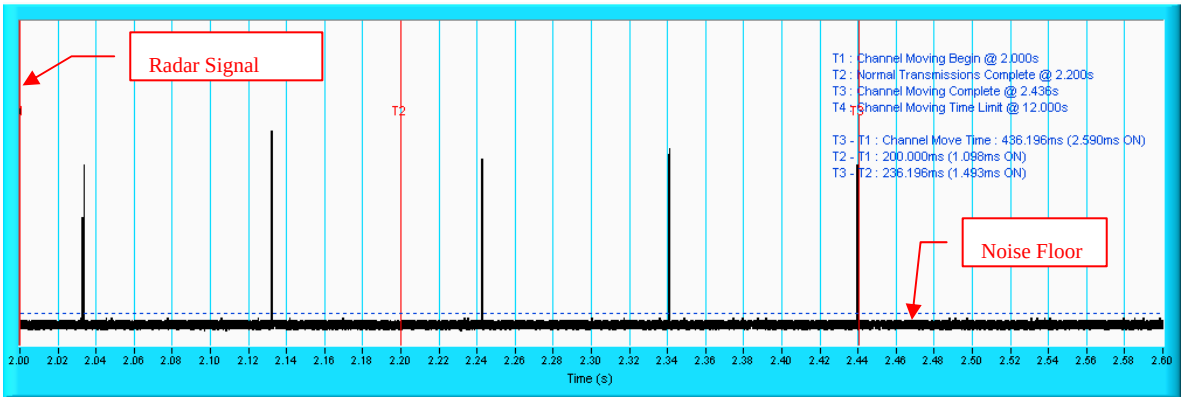
NOTE: An expanded plot for the device vacates the channel in the required 600ms

Radar signal 3

IEEE 802.11n 20MHz



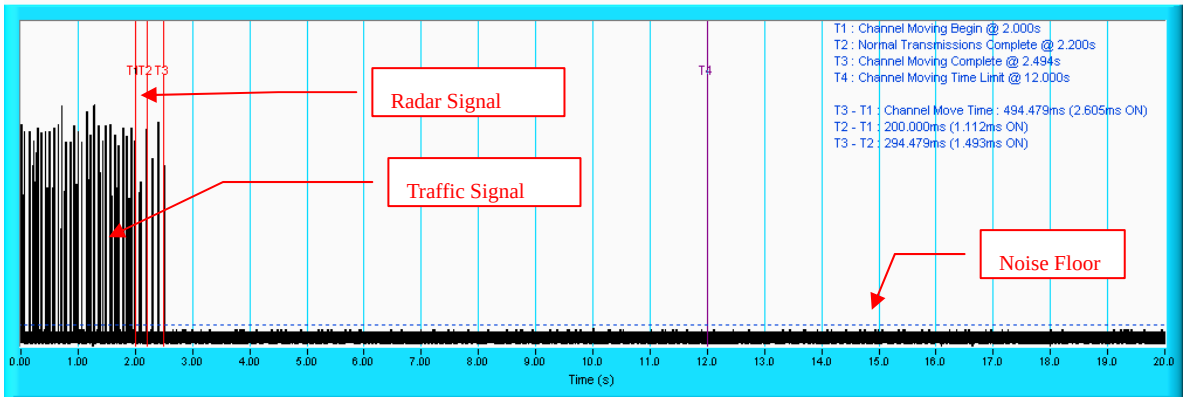
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



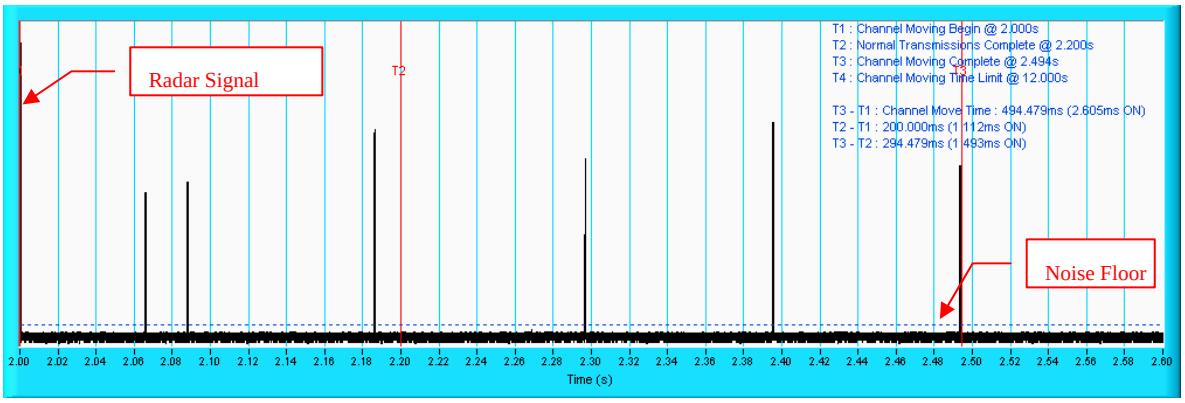
NOTE: An expanded plot for the device vacates the channel in the required 600ms

Radar signal 4

IEEE 802.11n 20MHz



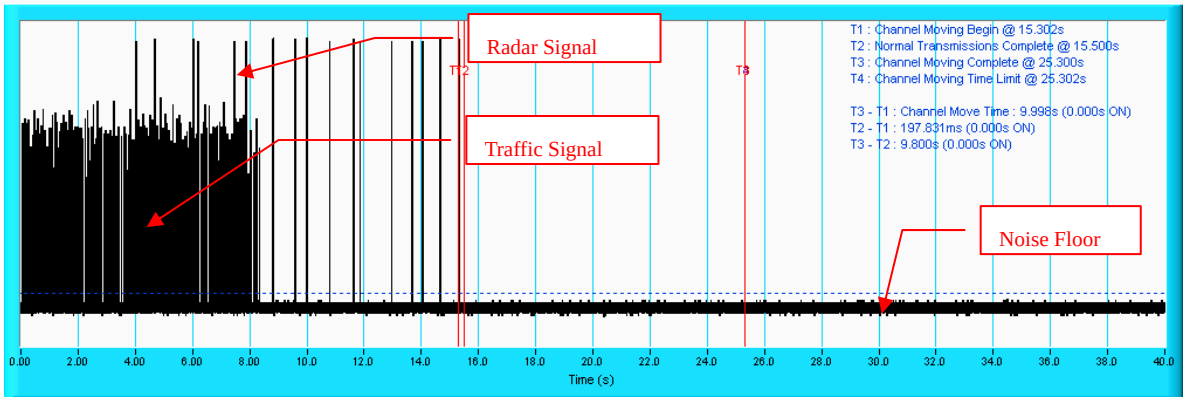
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



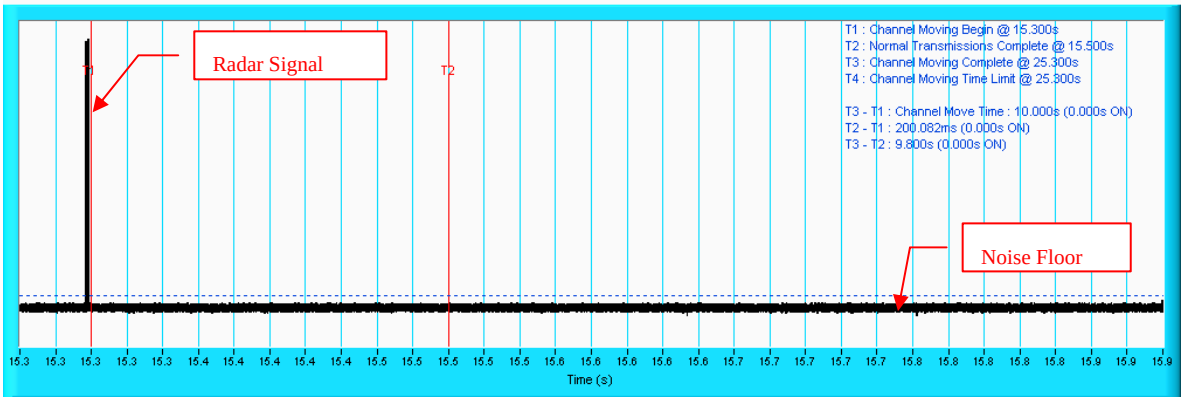
NOTE: An expanded plot for the device vacates the channel in the required 600ms

Radar signal 5

IEEE 802.11n 20MHz



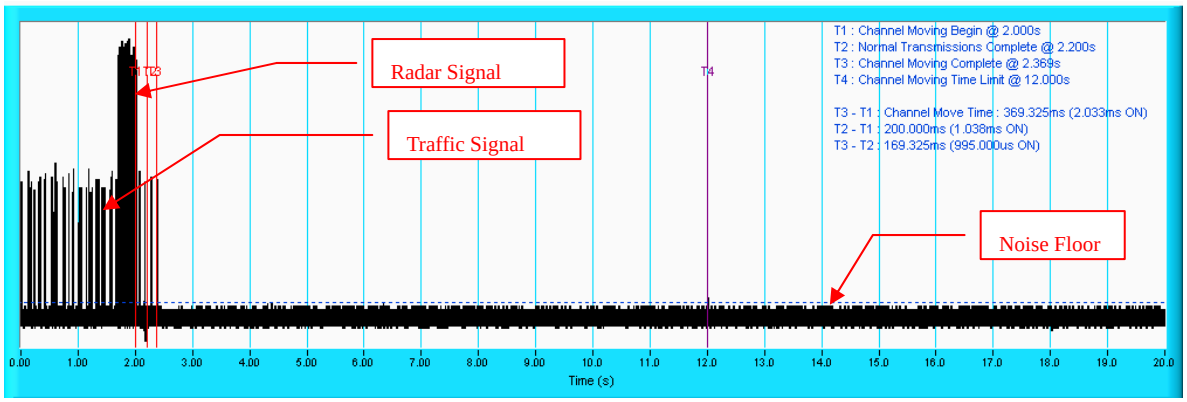
NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



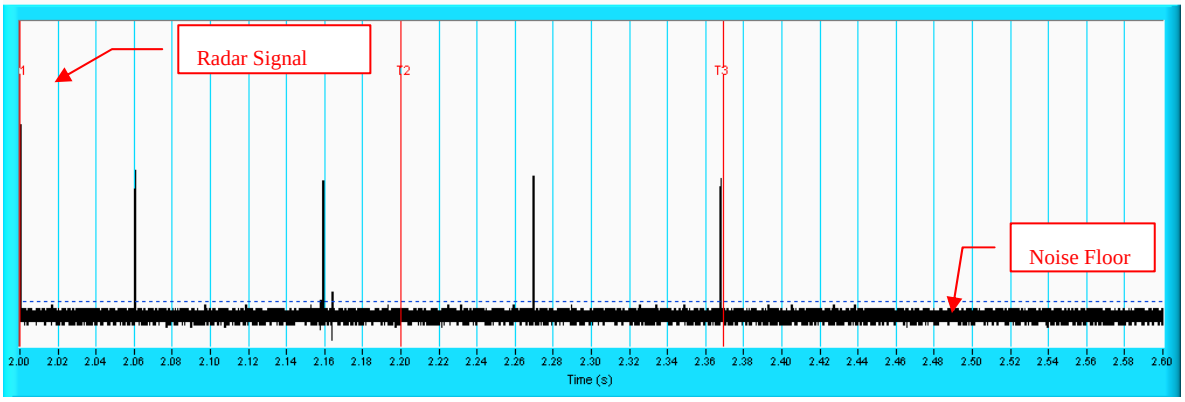
NOTE: An expanded plot for the device vacates the channel in the required 600ms

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 802.11a

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	No
11	18	1.0u	1.428m	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	No
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 93.3 %

IEEE 802.11a

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	28	3.7u	205.0u	Yes
2	27	1.5u	223.0u	Yes
3	28	3.9u	166.0u	No
4	25	2.2u	176.0u	Yes
5	25	2.2u	220.0u	Yes
6	28	2.9u	198.0u	Yes
7	28	2.4u	216.0u	Yes
8	25	1.8u	162.0u	No
9	25	3.1u	155.0u	Yes
10	24	1.9u	210.0u	No
11	27	4.1u	167.0u	Yes
12	24	1.2u	230.0u	Yes
13	28	1.3u	172.0u	No
14	23	3.3u	153.0u	No
15	25	3.6u	193.0u	Yes
16	26	2.4u	212.0u	Yes
17	24	1.6u	193.0u	No
18	24	3.2u	166.0u	Yes
19	23	2.6u	185.0u	No
20	25	2.2u	205.0u	No
21	28	4.3u	184.0u	No
22	23	3.2u	209.0u	Yes
23	29	4.4u	203.0u	Yes
24	24	4.2u	157.0u	Yes
25	24	2.2u	186.0u	No
26	25	2.0u	220.0u	Yes
27	29	2.1u	211.0u	Yes
28	24	2.4u	155.0u	Yes
29	26	2.6u	164.0u	Yes
30	25	3.5u	153.0u	Yes
				Detection Rate: 66.7 %

IEEE 802.11a

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	8.8u	371.0u	Yes
2	18	8.5u	291.0u	Yes
3	18	6.5u	486.0u	Yes
4	17	8.6u	347.0u	Yes
5	17	6.3u	397.0u	Yes
6	17	6.4u	229.0u	Yes
7	16	6.5u	318.0u	No
8	18	7.7u	404.0u	Yes
9	18	7.3u	277.0u	Yes
10	17	7.7u	248.0u	Yes
11	18	7.1u	300.0u	No
12	16	8.9u	233.0u	Yes
13	16	9.1u	323.0u	Yes
14	17	6.7u	240.0u	Yes
15	16	7.3u	434.0u	Yes
16	18	8.9u	282.0u	Yes
17	17	10.0u	300.0u	Yes
18	17	9.0u	206.0u	Yes
19	16	8.3u	453.0u	Yes
20	17	9.9u	316.0u	Yes
21	17	8.6u	336.0u	Yes
22	16	9.5u	210.0u	Yes
23	18	9.4u	320.0u	Yes
24	16	9.6u	360.0u	Yes
25	18	8.4u	486.0u	Yes
26	17	7.8u	365.0u	Yes
27	17	8.8u	260.0u	Yes
28	17	8.6u	382.0u	Yes
29	16	9.2u	217.0u	Yes
30	18	9.7u	228.0u	Yes
				Detection Rate: 93.3 %

IEEE 802.11a

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	15.2u	305.0u	Yes
2	13	19.0u	253.0u	Yes
3	16	15.0u	344.0u	No
4	16	15.6u	227.0u	Yes
5	15	14.6u	434.0u	Yes
6	14	17.2u	317.0u	Yes
7	13	15.4u	316.0u	Yes
8	14	13.7u	436.0u	Yes
9	12	18.4u	473.0u	Yes
10	15	18.2u	392.0u	Yes
11	16	13.7u	341.0u	Yes
12	14	16.6u	486.0u	Yes
13	13	12.0u	348.0u	Yes
14	14	11.1u	311.0u	No
15	12	15.9u	213.0u	Yes
16	14	14.5u	298.0u	Yes
17	13	17.4u	486.0u	Yes
18	15	17.4u	453.0u	Yes
19	14	17.8u	359.0u	Yes
20	15	15.4u	358.0u	Yes
21	13	12.3u	403.0u	Yes
22	15	18.3u	265.0u	Yes
23	13	17.5u	369.0u	Yes
24	16	15.4u	333.0u	Yes
25	16	15.4u	290.0u	Yes
26	15	11.8u	247.0u	No
27	15	19.5u	426.0u	Yes
28	14	13.4u	378.0u	Yes
29	14	15.5u	491.0u	Yes
30	15	13.6u	429.0u	Yes
				Detection Rate: 90.0 %

IEEE 802.11a

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	No
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	No
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 93.3 %

The Long Pulse Radar pattern shown in Annex A.1

IEEE 802.11a

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	No
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	No
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	No
		Detection Rate: 90.0 %

The Frequency Hopping Radar pattern shown in Annex A.2

IEEE 802.11n 20MHz

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	1.0u	1.428m	Yes
2	18	1.0u	1.428m	Yes
3	18	1.0u	1.428m	Yes
4	18	1.0u	1.428m	Yes
5	18	1.0u	1.428m	Yes
6	18	1.0u	1.428m	Yes
7	18	1.0u	1.428m	Yes
8	18	1.0u	1.428m	Yes
9	18	1.0u	1.428m	Yes
10	18	1.0u	1.428m	Yes
11	18	1.0u	1.428m	Yes
12	18	1.0u	1.428m	Yes
13	18	1.0u	1.428m	Yes
14	18	1.0u	1.428m	Yes
15	18	1.0u	1.428m	Yes
16	18	1.0u	1.428m	Yes
17	18	1.0u	1.428m	Yes
18	18	1.0u	1.428m	Yes
19	18	1.0u	1.428m	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 100 %

IEEE 802.11n 20MHz

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	26	1.3u	230.0u	No
2	25	1.5u	214.0u	Yes
3	24	1.1u	161.0u	Yes
4	24	1.6u	150.0u	Yes
5	26	1.7u	167.0u	Yes
6	26	3.0u	183.0u	No
7	26	2.1u	181.0u	Yes
8	29	2.7u	220.0u	Yes
9	27	2.6u	182.0u	Yes
10	28	2.1u	207.0u	No
11	25	4.9u	221.0u	No
12	24	2.5u	171.0u	No
13	23	3.1u	162.0u	No
14	27	1.9u	200.0u	Yes
15	29	3.9u	190.0u	Yes
16	26	4.3u	197.0u	Yes
17	24	4.7u	165.0u	Yes
18	27	1.2u	220.0u	Yes
19	29	3.0u	178.0u	Yes
20	24	4.4u	199.0u	No
21	26	2.2u	155.0u	Yes
22	27	3.8u	210.0u	No
23	24	2.1u	195.0u	Yes
24	25	2.5u	179.0u	No
25	25	1.2u	189.0u	Yes
26	28	1.4u	206.0u	No
27	23	2.9u	209.0u	Yes
28	28	2.7u	221.0u	No
29	25	2.6u	206.0u	Yes
30	26	1.7u	188.0u	Yes
				Detection Rate: 63.3 %

IEEE 802.11n 20MHz

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.4u	482.0u	Yes
2	16	6.3u	213.0u	Yes
3	16	8.4u	460.0u	Yes
4	18	8.2u	277.0u	Yes
5	17	7.4u	296.0u	Yes
6	17	9.3u	246.0u	Yes
7	17	9.4u	201.0u	No
8	16	7.4u	460.0u	Yes
9	16	9.6u	488.0u	Yes
10	17	7.5u	278.0u	Yes
11	16	6.5u	454.0u	Yes
12	17	6.3u	420.0u	Yes
13	17	8.0u	385.0u	Yes
14	16	6.5u	445.0u	Yes
15	16	9.6u	379.0u	Yes
16	17	8.9u	343.0u	Yes
17	17	9.8u	234.0u	Yes
18	17	7.2u	359.0u	Yes
19	17	8.3u	325.0u	Yes
20	17	7.8u	332.0u	Yes
21	17	9.7u	310.0u	Yes
22	17	6.8u	265.0u	Yes
23	17	6.4u	203.0u	Yes
24	17	10.0u	310.0u	Yes
25	17	8.0u	229.0u	No
26	17	6.6u	288.0u	Yes
27	16	7.4u	469.0u	Yes
28	17	7.2u	268.0u	Yes
29	17	9.8u	484.0u	Yes
30	17	8.0u	458.0u	Yes
				Detection Rate: 93.3 %

IEEE 802.11n 20MHz

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	12	12.5u	308.0u	Yes
2	12	17.3u	491.0u	Yes
3	14	11.1u	336.0u	Yes
4	16	18.2u	430.0u	No
5	15	19.2u	279.0u	Yes
6	15	15.2u	496.0u	Yes
7	13	12.6u	407.0u	Yes
8	14	14.9u	434.0u	Yes
9	15	11.1u	392.0u	Yes
10	13	18.5u	399.0u	Yes
11	13	11.5u	416.0u	Yes
12	16	17.2u	464.0u	Yes
13	14	17.4u	381.0u	Yes
14	12	11.9u	398.0u	Yes
15	16	19.8u	283.0u	Yes
16	16	17.6u	359.0u	Yes
17	14	19.0u	351.0u	Yes
18	15	11.1u	345.0u	Yes
19	16	14.8u	397.0u	No
20	12	12.6u	487.0u	Yes
21	13	11.6u	204.0u	Yes
22	13	11.2u	411.0u	Yes
23	12	19.7u	350.0u	Yes
24	15	15.9u	452.0u	Yes
25	14	15.3u	465.0u	No
26	12	11.6u	393.0u	Yes
27	14	16.2u	427.0u	Yes
28	13	12.9u	374.0u	Yes
29	16	14.3u	484.0u	Yes
30	13	12.0u	421.0u	Yes
				Detection Rate: 90 %

IEEE 802.11n 20MHz

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	No
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 96.7 %

The Long Pulse Radar pattern shown in Annex A.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	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	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	No
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 90 %

The Frequency Hopping Radar pattern shown in Annex A.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	Yes
20	18	1.0u	1.428m	Yes
21	18	1.0u	1.428m	Yes
22	18	1.0u	1.428m	Yes
23	18	1.0u	1.428m	Yes
24	18	1.0u	1.428m	Yes
25	18	1.0u	1.428m	Yes
26	18	1.0u	1.428m	Yes
27	18	1.0u	1.428m	Yes
28	18	1.0u	1.428m	Yes
29	18	1.0u	1.428m	Yes
30	18	1.0u	1.428m	Yes
				Detection Rate: 100 %

IEEE 802.11n 40MHz

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	23	3.9u	229.0u	Yes
2	25	2.3u	202.0u	Yes
3	25	3.4u	167.0u	Yes
4	28	4.2u	209.0u	Yes
5	27	2.3u	156.0u	No
6	26	1.6u	154.0u	Yes
7	24	4.2u	210.0u	Yes
8	25	4.3u	153.0u	No
9	28	1.4u	213.0u	Yes
10	26	2.5u	183.0u	Yes
11	27	1.2u	187.0u	Yes
12	28	1.5u	182.0u	Yes
13	26	4.1u	159.0u	No
14	25	4.3u	167.0u	No
15	26	1.4u	168.0u	No
16	25	4.8u	190.0u	Yes
17	26	2.6u	165.0u	Yes
18	29	1.0u	176.0u	Yes
19	25	2.2u	220.0u	No
20	25	3.1u	197.0u	Yes
21	28	3.9u	212.0u	Yes
22	26	5.0u	175.0u	No
23	29	4.2u	200.0u	Yes
24	26	1.5u	223.0u	Yes
25	23	1.7u	167.0u	Yes
26	28	2.3u	199.0u	No
27	26	1.9u	224.0u	Yes
28	26	3.2u	218.0u	Yes
29	24	3.3u	215.0u	No
30	27	4.5u	181.0u	Yes
				Detection Rate: 70.0 %

IEEE 802.11n 40MHz

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	8.3u	391.0u	Yes
2	16	8.3u	211.0u	Yes
3	16	6.7u	419.0u	Yes
4	17	9.6u	448.0u	Yes
5	18	9.5u	220.0u	Yes
6	16	7.6u	457.0u	Yes
7	16	7.5u	355.0u	No
8	16	6.3u	206.0u	Yes
9	17	9.9u	301.0u	Yes
10	17	9.4u	444.0u	Yes
11	17	9.2u	348.0u	Yes
12	16	8.5u	313.0u	Yes
13	18	10.0u	488.0u	Yes
14	17	9.5u	293.0u	Yes
15	17	8.3u	313.0u	Yes
16	18	7.6u	336.0u	Yes
17	17	8.7u	283.0u	Yes
18	16	9.6u	492.0u	Yes
19	17	7.6u	336.0u	Yes
20	17	7.6u	272.0u	Yes
21	18	9.1u	251.0u	Yes
22	17	7.1u	315.0u	Yes
23	17	6.8u	484.0u	Yes
24	17	7.9u	481.0u	Yes
25	18	8.6u	361.0u	No
26	17	6.9u	331.0u	Yes
27	17	7.9u	350.0u	Yes
28	17	9.1u	447.0u	Yes
29	17	9.0u	488.0u	Yes
30	16	9.4u	429.0u	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	13.5u	384.0u	Yes
2	14	16.1u	394.0u	Yes
3	15	19.0u	316.0u	Yes
4	13	11.8u	243.0u	Yes
5	16	18.0u	339.0u	Yes
6	15	12.2u	404.0u	Yes
7	14	15.1u	372.0u	Yes
8	16	13.4u	372.0u	Yes
9	13	12.5u	244.0u	Yes
10	13	12.1u	410.0u	Yes
11	13	18.7u	409.0u	Yes
12	12	17.7u	336.0u	Yes
13	15	16.2u	424.0u	Yes
14	16	14.1u	296.0u	Yes
15	14	12.6u	243.0u	Yes
16	14	11.3u	407.0u	Yes
17	14	17.3u	449.0u	Yes
18	14	19.5u	323.0u	No
19	16	19.9u	250.0u	Yes
20	16	14.3u	462.0u	Yes
21	13	15.7u	226.0u	Yes
22	15	12.3u	264.0u	Yes
23	14	14.3u	344.0u	No
24	15	15.9u	328.0u	Yes
25	12	14.5u	230.0u	Yes
26	14	17.3u	212.0u	Yes
27	13	17.6u	284.0u	Yes
28	15	17.9u	295.0u	Yes
29	12	11.3u	276.0u	Yes
30	15	16.7u	284.0u	Yes
				Detection Rate: 93.3 %

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	No
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	No
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	Yes
13	LP_Signal_13	Yes
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	Yes
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	No
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	Yes
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 90 %

The Long Pulse Radar pattern shown in Annex A.1

IEEE 802.11n 40MHz

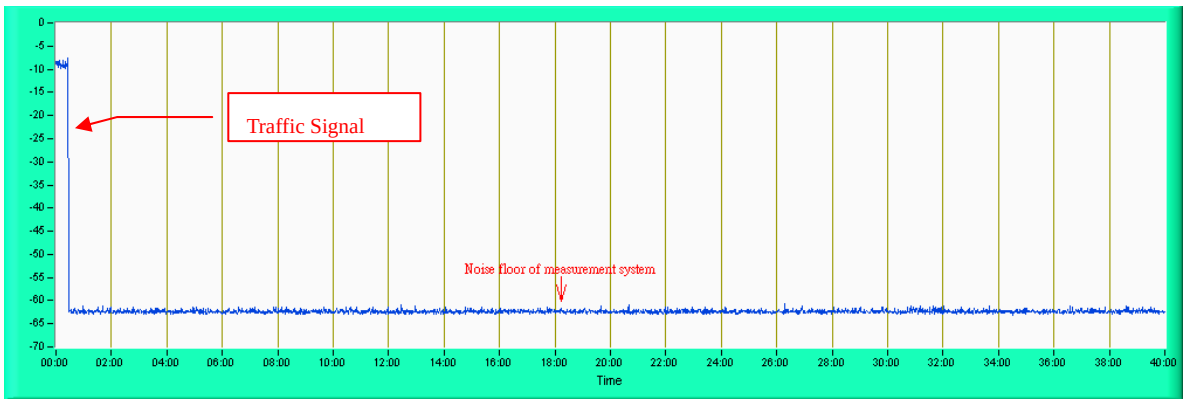
Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	No
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	No
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 93.3 %

The Frequency Hopping Radar pattern shown in Annex A.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).

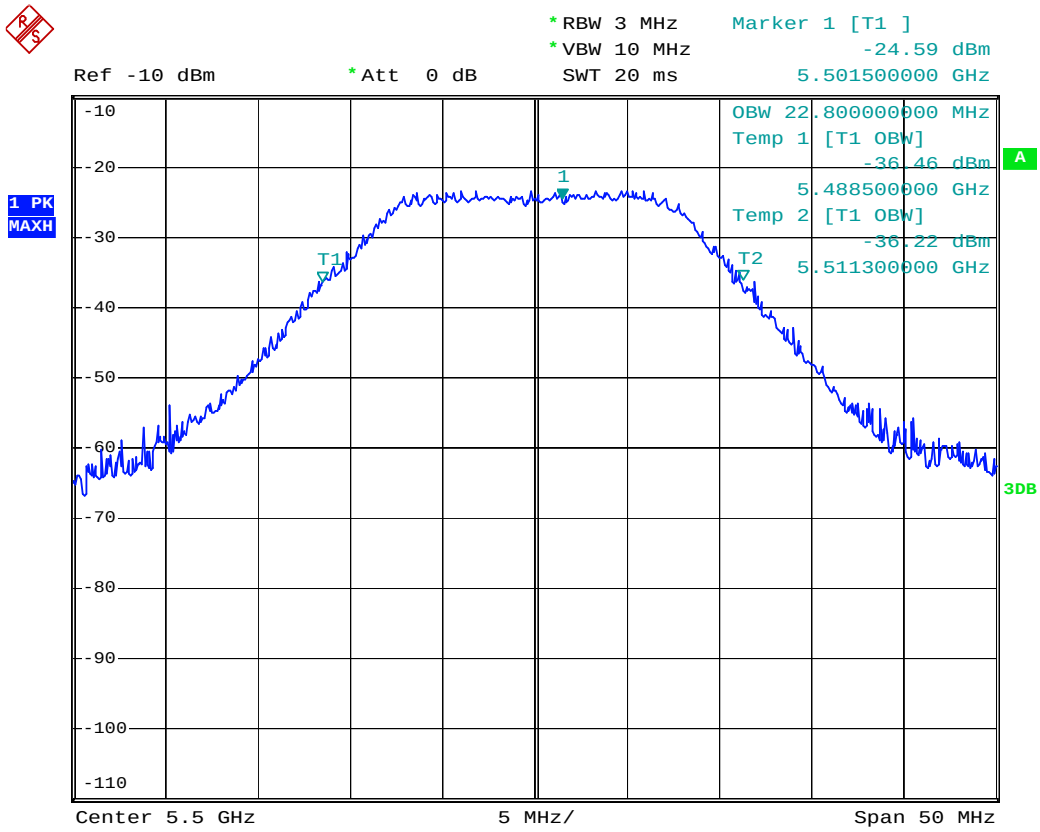


6.2.1.5 UNIFORM SPREADING

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 5725 to 5850 MHz channels 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.

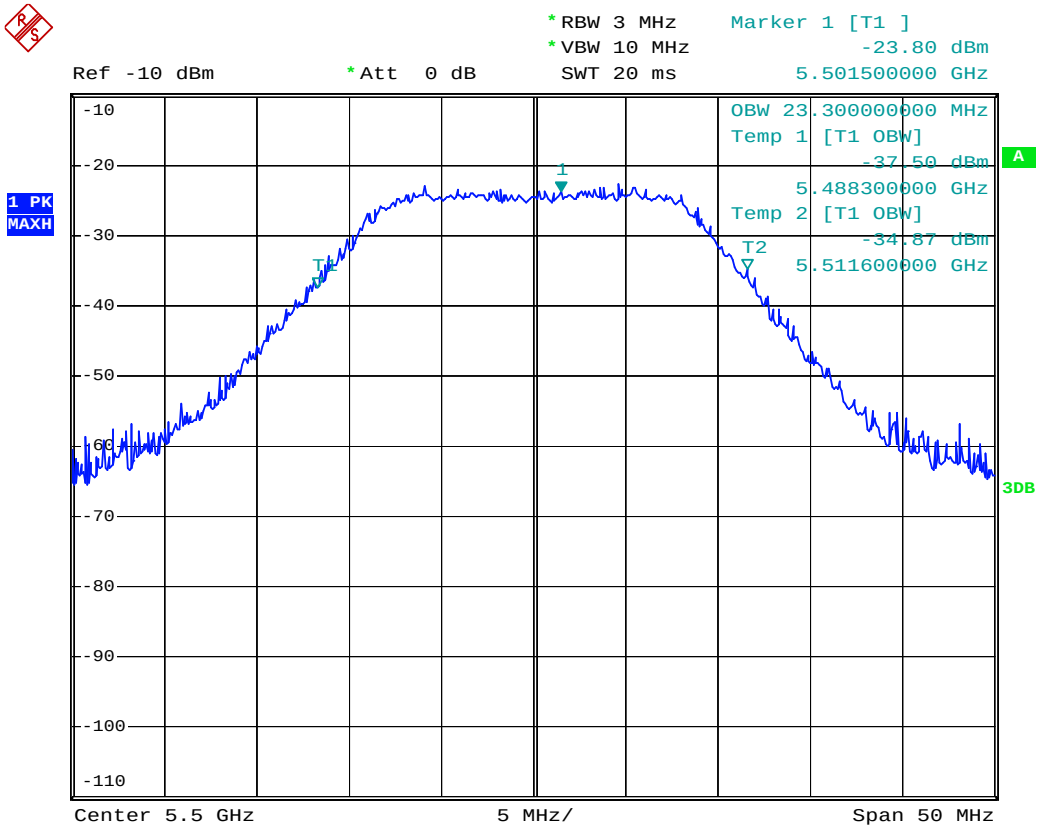
6.2.1.6 U-NII DETECTION BANDWIDTH

IEEE 802.11a



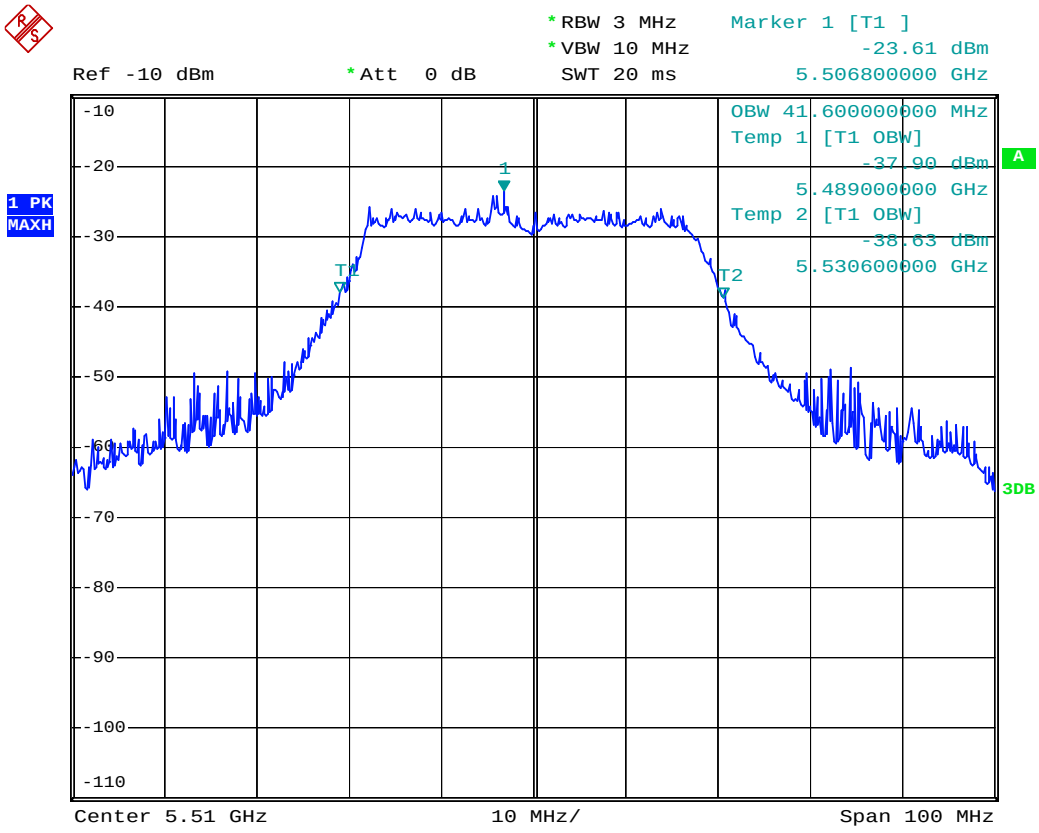
U-NII 99% Channel bandwidth

IEEE 802.11n 20MHz



U-NII 99% Channel bandwidth

IEEE 802.11n 40MHz



U-NII 99% Channel bandwidth

Detection Bandwidth Test - IEEE 802.11a											
EUT Frequency: 5500MHz EUT 99% Power bandwidth: 22.8MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 18.24MHz Detection bandwidth (5510 (FH) – 5490(FL)) : 20MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	Y	N	Y	Y	Y	N	Y	Y	Y	Y	80
5490 (FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	N	Y	Y	Y	Y	Y	Y	N	80

Detection Bandwidth Test - IEEE 802.11n 20MHz											
EUT Frequency: 5500MHz EUT 99% Power bandwidth: 23.3MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 18.64MHz Detection bandwidth (5510(FH) – 5490(FL)) : 20 MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	Y	Y	Y	N	Y	Y	Y	Y	N	Y	80
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	N	Y	Y	Y	Y	N	Y	Y	80

Detection Bandwidth Test - IEEE 802.11n 40MHz											
EUT Frequency: 5510MHz EUT 99% Power bandwidth: 41.6MHz Detection bandwidth limit (80% of EUT 99% Power bandwidth): 33.28MHz Detection bandwidth (5529(FH) – 5490(FL)) : 39MHz Test Result : PASS											
Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	Y	Y	Y	N	Y	Y	Y	Y	Y	N	80
5490(FL)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5491	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5492	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5493	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5494	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5495	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5496	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5497	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5498	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5499	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5500	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5501	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5502	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5503	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5504	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5505	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5506	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5507	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5508	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5509	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5510	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5511	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5512	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5513	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5514	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5515	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5516	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5517	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5518	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5519	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5520	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5521	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5522	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5523	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5524	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5525	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5526	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5527	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5528	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5529(FH)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100
5530	Y	Y	Y	Y	Y	Y	N	Y	N	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

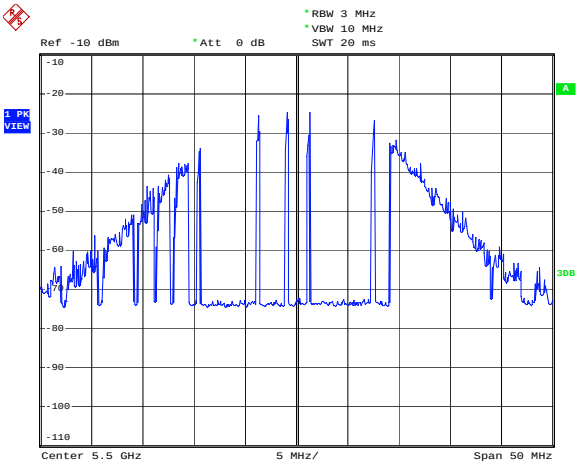
6.2.1.8 NON- OCCUPANCY PERIOD

Associate test:

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

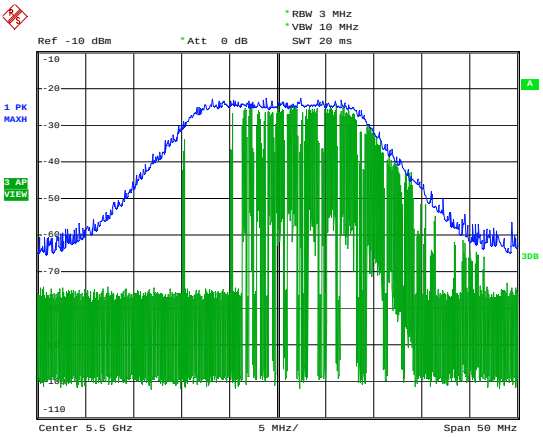
1) EUT links up with Master at 5500MHz.

Waveform of EUT links up with Master

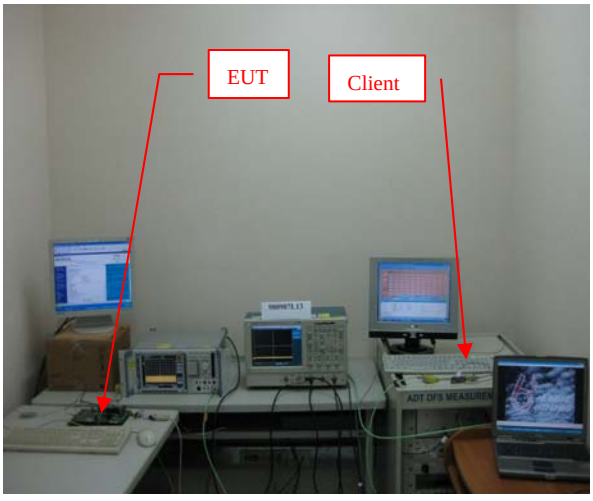


2) EUT plays test movie from Master.

Waveform of transmission



3) BV ADT DFS Measurement System



NOTE: Test setup are shown on Test Setup Photo pdf

7. TESTING LABORATORIES INFORMATION

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

Copies of accreditation 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-A RADAR TEST SIGNAL

A1 The Long Pulse Radar Pattern

IEEE 802.11a

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_01 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	5M	98.2u	1.845m	-	1.002
2	2	12M	62.8u	1.321m	-	6.697m
3	3	18M	96.4u	1.690m	914.6u	918.1m
4	3	18M	89.5u	1.390m	1.653m	272.9m
5	2	16M	58.3u	1.862m	-	146.8m
6	3	11M	99.6u	1.232m	1.382m	757.8m
7	2	8M	55.8u	1.509m	-	926.6m
8	1	7M	57.5u	-	-	56.07m
9	2	6M	79.0u	1.747m	-	275.4m
10	2	17M	65.2u	1.195m	-	83.96m
11	2	19M	92.5u	1.875m	-	138.9m

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	3	15M	99.5u	1.073m	1.757m	19.54m
2	2	18M	91.9u	1.318m	-	23.13m
3	2	15M	92.4u	1.458m	-	393.7m
4	2	10M	80.8u	1.264m	-	469.6m
5	3	15M	92.6u	998.4u	1.398m	251.5m
6	3	8M	94.8u	909.2u	1.311m	406.7m
7	3	11M	61.8u	940.2u	1.654m	489.6m
8	2	15M	69.1u	1.401m	-	548.1m
9	3	12M	98.7u	1.682m	1.529m	40.90m
10	3	12M	68.2u	1.613m	1.448m	674.8m
11	3	8M	64.8u	1.232m	1.742m	378.5m
12	2	7M	95.3u	954.7u	-	198.0m
13	2	9M	74.4u	1.821m	-	525.3m
14	2	12M	64.3u	1.328m	-	387.9m
15	1	10M	80.0u	-	-	63.23m
16	2	17M	98.4u	1.510m	-	325.9m
17	2	8M	58.0u	1.412m	-	7.448m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	64.9u	1.404m	1.375m	420.9m
2	1	12M	53.4u	-	-	50.99m
3	2	17M	78.8u	1.468m	-	186.5m
4	2	17M	90.8u	1.153m	-	544.5m
5	2	9M	73.9u	1.156m	-	69.59m
6	3	14M	82.2u	1.912m	1.759m	400.0m
7	1	16M	83.9u	-	-	428.5m
8	2	7M	64.5u	1.260m	-	253.9m
9	3	14M	85.7u	1.290m	932.3u	277.3m
10	2	17M	70.0u	1.850m	-	108.8m
11	2	8M	52.4u	1.649m	-	270.8m
12	2	19M	59.4u	1.854m	-	396.8m
13	3	12M	94.7u	1.471m	1.595m	263.1m
14	2	7M	69.7u	1.300m	-	647.2m
15	1	16M	56.8u	-	-	41.74m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	67.2u	984.8u	-	323.0m
2	2	12M	71.9u	1.111m	-	616.7m
3	2	19M	78.7u	1.122m	-	206.2m
4	1	10M	71.5u	-	-	305.6m
5	2	13M	65.8u	1.193m	-	144.2m
6	2	17M	92.4u	1.826m	-	498.2m
7	2	20M	79.4u	1.867m	-	173.4m
8	2	12M	70.2u	1.149m	-	535.3m
9	2	16M	94.6u	1.055m	-	521.7m
10	3	13M	74.9u	1.916m	944.1u	137.5m
11	2	13M	69.3u	1.699m	-	385.6m
12	2	19M	71.5u	1.424m	-	234.8m
13	2	6M	53.5u	1.225m	-	519.8m
14	3	13M	67.4u	987.6u	1.720m	242.8m
15	1	8M	76.9u	-	-	584.2m
16	2	9M	81.8u	1.783m	-	222.4m
17	3	15M	64.6u	1.770m	1.856m	651.0m
18	2	12M	84.3u	1.831m	-	588.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	68.1u	-	-	404.3m
2	2	12M	61.8u	1.560m	-	36.53m
3	1	12M	58.7u	-	-	179.3m
4	2	14M	71.2u	1.638m	-	263.7m
5	3	17M	84.2u	964.8u	1.250m	466.5m
6	2	18M	69.2u	1.192m	-	716.8m
7	2	9M	50.4u	1.500m	-	700.5m
8	3	5M	52.9u	1.307m	1.787m	443.8m
9	3	9M	89.0u	1.774m	1.118m	609.7m
10	2	11M	70.2u	1.005m	-	327.0m
11	2	8M	92.1u	1.333m	-	381.9m
12	2	18M	91.8u	1.518m	-	467.4m
13	3	17M	60.6u	1.320m	1.550m	498.9m
14	2	15M	63.2u	1.886m	-	231.6m
15	1	5M	86.8u	-	-	418.9m
16	2	16M	71.7u	1.280m	-	186.7m

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	3	19M	90.5u	1.179m	1.679m	321.9m
2	2	9M	65.5u	1.887m	-	324.8m
3	3	9M	67.4u	1.890m	1.835m	654.8m
4	2	18M	89.4u	1.051m	-	561.4m
5	1	14M	82.1u	-	-	544.4m
6	1	15M	91.7u	-	-	374.0m
7	2	9M	64.4u	1.911m	-	256.7m
8	2	8M	55.9u	1.237m	-	644.5m
9	3	10M	95.3u	1.134m	1.180m	151.9m
10	2	17M	97.9u	1.286m	-	480.7m
11	3	9M	50.4u	1.509m	1.400m	462.6m
12	1	16M	58.2u	-	-	89.44m
13	1	7M	53.1u	-	-	52.79m
14	3	11M	86.1u	1.064m	1.721m	617.5m
15	2	9M	77.2u	1.370m	-	3.647m
16	2	19M	53.3u	1.270m	-	298.5m
17	3	16M	98.5u	931.5u	1.080m	233.2m
18	2	10M	79.8u	1.609m	-	178.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	51.7u	-	-	521.1m
2	1	18M	65.4u	-	-	334.6m
3	2	16M	89.7u	1.195m	-	635.9m
4	1	7M	84.0u	-	-	604.1m
5	2	17M	88.7u	1.358m	-	371.8m
6	2	10M	63.2u	1.506m	-	373.4m
7	2	8M	78.1u	1.627m	-	89.67m
8	2	17M	67.3u	1.905m	-	140.2m
9	2	13M	67.2u	1.187m	-	225.8m
10	2	19M	79.4u	1.563m	-	325.1m
11	2	8M	96.8u	1.240m	-	630.0m
12	2	8M	88.1u	1.349m	-	331.9m
13	2	10M	88.5u	1.007m	-	491.1m
14	2	13M	90.5u	983.5u	-	165.5m
15	2	18M	61.9u	1.825m	-	417.1m
16	3	6M	93.8u	1.514m	1.703m	40.62m
17	2	9M	85.3u	1.338m	-	26.63m

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	1	16M	81.1u	-	-	639.3m
2	1	20M	51.7u	-	-	229.6m
3	2	11M	84.4u	1.307m	-	69.16m
4	2	8M	53.0u	1.260m	-	805.4m
5	1	13M	52.9u	-	-	631.1m
6	3	15M	78.1u	1.640m	1.898m	534.5m
7	2	16M	80.2u	1.277m	-	1.214
8	2	6M	75.4u	1.885m	-	1.196
9	2	17M	62.4u	1.796m	-	1.164

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	52.2u	1.710m	-	155.2m
2	2	15M	60.1u	949.9u	-	355.5m
3	1	7M	90.5u	-	-	21.36m
4	2	17M	75.8u	1.548m	-	289.4m
5	2	15M	64.1u	1.796m	-	555.3m
6	1	20M	71.4u	-	-	179.0m
7	2	16M	88.0u	1.814m	-	608.4m
8	2	12M	68.7u	1.849m	-	375.4m
9	1	8M	88.8u	-	-	153.7m
10	3	15M	82.7u	957.3u	1.880m	58.69m
11	3	14M	74.9u	981.1u	1.619m	175.5m
12	2	18M	67.0u	1.392m	-	166.4m
13	1	13M	71.6u	-	-	507.4m
14	2	18M	79.3u	1.463m	-	375.2m
15	2	12M	85.7u	1.016m	-	661.8m
16	3	13M	54.5u	1.095m	1.456m	544.0m
17	3	20M	73.1u	1.708m	1.459m	23.64m
18	1	5M	73.4u	-	-	636.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 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	9M	51.8u	1.886m	1.882m	17.28m
2	2	7M	60.3u	1.750m	-	685.4m
3	3	12M	58.8u	1.402m	1.618m	233.4m
4	2	19M	80.2u	1.494m	-	547.4m
5	2	19M	92.3u	941.7u	-	312.5m
6	1	14M	65.6u	-	-	699.5m
7	1	17M	52.9u	-	-	814.1m
8	3	13M	58.5u	1.796m	1.877m	348.1m
9	2	12M	74.1u	1.467m	-	499.1m
10	1	15M	93.9u	-	-	442.5m
11	2	16M	71.9u	1.389m	-	620.5m
12	2	11M	53.0u	1.558m	-	562.8m
13	3	14M	73.7u	1.663m	1.721m	122.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	9M	92.0u	-	-	628.1m
2	1	16M	70.8u	-	-	587.5m
3	3	17M	67.9u	1.700m	1.402m	453.3m
4	1	13M	73.9u	-	-	57.34m
5	2	10M	70.5u	1.084m	-	218.0m
6	2	15M	70.5u	1.882m	-	523.4m
7	2	16M	68.4u	1.350m	-	327.4m
8	2	11M	61.1u	1.316m	-	160.2m
9	3	12M	94.1u	1.294m	1.020m	520.4m
10	2	11M	65.2u	1.622m	-	184.8m
11	2	6M	62.3u	1.383m	-	946.6m
12	3	11M	60.5u	1.487m	1.520m	882.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	52.2u	1.248m	-	65.91m
2	1	19M	63.6u	-	-	357.6m
3	2	9M	56.7u	1.885m	-	338.0m
4	2	9M	85.4u	1.373m	-	497.4m
5	2	6M	71.8u	1.628m	-	240.1m
6	2	17M	60.4u	1.042m	-	251.6m
7	2	14M	67.8u	1.921m	-	553.8m
8	2	9M	83.1u	1.285m	-	613.3m
9	2	9M	92.5u	1.810m	-	293.5m
10	3	19M	93.0u	928.0u	1.546m	108.0m
11	2	9M	93.9u	1.488m	-	476.7m
12	2	15M	94.0u	1.006m	-	425.2m
13	1	9M	99.8u	-	-	575.3m
14	3	15M	52.7u	1.587m	1.517m	7.257m
15	1	15M	63.5u	-	-	403.7m
16	2	10M	96.2u	1.135m	-	591.6m
17	1	9M	52.7u	-	-	453.0m

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	94.8u	1.401m	-	587.2m
2	1	18M	63.9u	-	-	79.34m
3	2	14M	88.4u	1.498m	-	594.2m
4	2	19M	99.1u	1.144m	-	315.0m
5	2	13M	80.0u	1.577m	-	566.7m
6	3	9M	74.6u	1.286m	943.4u	478.1m
7	3	13M	81.0u	1.241m	1.561m	622.8m
8	3	11M	83.6u	1.249m	1.247m	66.29m
9	1	16M	75.2u	-	-	504.7m
10	3	16M	52.4u	1.577m	1.755m	478.0m
11	3	16M	73.8u	1.837m	1.446m	619.5m
12	2	14M	82.2u	1.129m	-	612.2m
13	3	7M	73.3u	1.510m	1.838m	492.6m
14	2	16M	93.1u	1.081m	-	150.0m
15	2	16M	82.4u	1.613m	-	485.2m
16	2	11M	66.0u	1.244m	-	43.90m
17	2	19M	55.2u	1.314m	-	299.0m
18	1	12M	93.8u	-	-	466.2m
19	3	8M	56.1u	1.874m	1.883m	544.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_14 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	20M	94.2u	918.8u	-	189.0u
2	3	16M	64.7u	1.651m	1.156m	612.9m
3	3	14M	94.1u	1.286m	1.511m	449.1m
4	1	5M	95.3u	-	-	308.3m
5	2	8M	53.8u	1.718m	-	376.1m
6	2	16M	74.0u	1.404m	-	146.5m
7	3	17M	79.0u	1.473m	1.623m	43.79m
8	1	18M	84.9u	-	-	6.447m
9	1	11M	53.5u	-	-	388.8m
10	2	13M	89.9u	962.1u	-	186.9m
11	2	6M	78.9u	950.1u	-	276.3m
12	2	6M	75.1u	1.159m	-	222.9m
13	1	8M	72.5u	-	-	486.3m
14	3	13M	86.5u	1.107m	1.081m	389.0m
15	1	10M	73.7u	-	-	617.6m
16	2	15M	54.8u	1.337m	-	473.2m
17	3	14M	71.8u	1.121m	990.2u	372.9m
18	3	12M	82.5u	1.723m	1.749m	235.5m
19	2	11M	71.7u	1.189m	-	245.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	73.5u	1.507m	-	264.1m
2	1	15M	95.4u	-	-	463.0m
3	1	9M	98.0u	-	-	96.06m
4	2	11M	55.2u	1.808m	-	680.4m
5	3	8M	57.6u	1.205m	1.681m	817.8m
6	2	19M	70.2u	1.556m	-	108.9m
7	2	17M	91.5u	1.252m	-	235.0m
8	2	7M	79.7u	1.545m	-	645.3m
9	3	6M	64.3u	1.332m	1.312m	869.4m
10	3	14M	61.9u	1.725m	1.031m	547.2m
11	1	18M	88.0u	-	-	970.2m
12	1	8M	84.9u	-	-	101.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	85.4u	1.378m	1.465m	370.2m
2	2	7M	63.0u	1.634m	-	89.71m
3	2	7M	99.9u	1.010m	-	454.8m
4	2	6M	84.7u	1.096m	-	642.5m
5	1	13M	70.4u	-	-	358.7m
6	2	18M	53.1u	1.405m	-	460.8m
7	3	17M	53.3u	1.370m	1.247m	263.4m
8	2	9M	85.8u	1.454m	-	819.5m
9	2	6M	87.0u	939.0u	-	101.3m
10	2	20M	50.5u	1.079m	-	250.8m
11	2	19M	71.6u	1.877m	-	806.8m
12	2	14M	98.6u	1.634m	-	3.337m
13	2	7M	85.8u	1.664m	-	389.8m
14	1	9M	56.3u	-	-	14.27m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	96.1u	1.188m	1.461m	819.3m
2	1	13M	65.1u	-	-	752.7m
3	2	9M	57.3u	1.471m	-	185.0m
4	3	7M	61.5u	1.700m	1.921m	1.256
5	3	16M	52.2u	1.093m	1.695m	712.7m
6	2	12M	58.4u	1.771m	-	1.139
7	1	12M	82.9u	-	-	67.51m
8	2	12M	66.2u	1.264m	-	686.5m
9	2	11M	86.9u	1.720m	-	636.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	62.3u	1.714m	1.204m	449.2m
2	1	14M	55.6u	-	-	33.76m
3	3	11M	58.1u	1.506m	1.352m	50.66m
4	3	16M	79.5u	1.317m	1.107m	579.5m
5	3	15M	85.0u	1.897m	1.289m	466.1m
6	2	18M	62.7u	1.453m	-	112.6m
7	3	19M	96.1u	1.701m	1.197m	349.2m
8	3	9M	97.5u	1.806m	1.233m	350.9m
9	2	17M	95.5u	992.5u	-	156.7m
10	2	15M	81.0u	1.799m	-	547.1m
11	3	10M	50.1u	1.233m	1.897m	288.2m
12	2	11M	56.6u	948.4u	-	651.1m
13	2	15M	61.8u	1.409m	-	173.7m
14	2	10M	81.7u	1.836m	-	218.4m
15	2	12M	78.9u	1.083m	-	603.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	84.2u	1.717m	-	767.3m
2	1	12M	51.3u	-	-	487.1m
3	2	13M	55.0u	1.045m	-	108.3m
4	2	12M	64.9u	1.052m	-	570.7m
5	2	16M	95.1u	1.641m	-	510.5m
6	1	9M	99.6u	-	-	487.0m
7	2	14M	73.4u	1.468m	-	788.3m
8	1	13M	70.8u	-	-	519.4m
9	3	10M	53.3u	1.031m	1.591m	10.63m
10	1	16M	98.0u	-	-	356.8m
11	1	6M	77.3u	-	-	73.78m
12	2	8M	50.4u	1.410m	-	328.5m
13	2	19M	80.3u	1.527m	-	374.9m
14	3	19M	52.9u	1.748m	1.415m	482.3m
15	2	11M	84.0u	1.627m	-	58.57m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	85.4u	1.400m	1.690m	251.8m
2	3	14M	55.5u	1.358m	1.619m	213.6m
3	1	7M	52.2u	-	-	911.4m
4	2	18M	99.0u	937.0u	-	23.98m
5	3	7M	63.8u	1.222m	1.777m	1.016
6	3	16M	97.0u	1.695m	949.0u	758.6m
7	3	14M	76.6u	1.644m	1.429m	19.90m
8	2	8M	57.9u	1.248m	-	316.4m
9	2	19M	83.3u	1.789m	-	1.041
10	1	8M	88.8u	-	-	773.8m
11	2	18M	60.2u	1.339m	-	576.1m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_21
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	71.8u	1.791m	-	817.8m
2	3	16M	73.3u	1.316m	1.187m	849.8m
3	2	13M	80.7u	1.164m	-	91.69m
4	3	17M	65.6u	1.494m	1.167m	751.7m
5	3	11M	67.9u	994.1u	1.451m	833.9m
6	1	8M	93.6u	-	-	693.0m
7	3	7M	76.6u	1.104m	1.630m	409.2m
8	2	13M	55.9u	1.206m	-	854.3m
9	3	15M	83.1u	1.704m	1.781m	22.79m
10	2	7M	55.1u	1.311m	-	37.20m
11	1	13M	53.2u	-	-	562.6m
12	3	12M	61.3u	1.263m	1.819m	891.5m
13	2	15M	54.1u	1.007m	-	741.7m

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

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	58.3u	-	-	389.3m
2	2	16M	95.7u	988.3u	-	587.6m
3	2	6M	72.4u	1.616m	-	392.6m
4	2	6M	56.0u	1.764m	-	516.8m
5	3	14M	91.8u	1.387m	1.908m	50.75m
6	2	17M	89.1u	1.548m	-	715.6m
7	3	5M	55.2u	1.656m	1.148m	40.42m
8	2	18M	76.5u	1.053m	-	268.2m
9	1	18M	74.7u	-	-	574.8m
10	2	19M	64.6u	1.305m	-	79.44m
11	2	7M	57.2u	1.055m	-	752.0m
12	3	20M	56.8u	1.107m	1.770m	691.5m
13	2	8M	90.2u	930.8u	-	365.3m
14	1	17M	90.1u	-	-	20.25m
15	3	7M	53.0u	1.166m	1.666m	188.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	85.8u	1.167m	1.078m	263.2m
2	2	7M	90.9u	1.411m	-	560.1m
3	2	12M	58.5u	1.901m	-	611.4m
4	3	12M	53.1u	1.357m	1.876m	64.53m
5	1	14M	78.4u	-	-	448.6m
6	3	7M	96.6u	1.194m	1.120m	114.9m
7	2	12M	76.6u	1.359m	-	174.4m
8	2	18M	53.1u	1.767m	-	531.2m
9	2	13M	56.1u	1.500m	-	172.9m
10	2	10M	75.7u	1.308m	-	277.3m
11	3	20M	97.7u	1.409m	1.091m	85.01m
12	1	14M	71.3u	-	-	93.18m
13	3	6M	95.3u	1.075m	1.780m	284.5m
14	3	8M	51.1u	1.177m	1.006m	61.61m
15	2	20M	66.2u	1.204m	-	198.6m
16	3	16M	86.7u	936.3u	1.905m	484.7m
17	2	19M	99.1u	1.799m	-	221.9m
18	1	11M	68.0u	-	-	25.61m
19	1	9M	90.3u	-	-	41.83m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	80.5u	1.232m	1.012m	393.0m
2	2	15M	76.2u	1.102m	-	512.2m
3	1	5M	96.9u	-	-	313.7m
4	2	19M	53.4u	1.789m	-	39.09m
5	1	16M	84.8u	-	-	691.7m
6	2	6M	55.7u	1.589m	-	357.0m
7	2	7M	71.3u	1.828m	-	119.6m
8	2	15M	54.1u	1.499m	-	357.9m
9	3	15M	73.5u	1.409m	1.219m	361.3m
10	1	13M	59.2u	-	-	5.526m
11	3	17M	66.0u	970.0u	1.313m	349.2m
12	2	15M	74.9u	997.1u	-	529.7m
13	2	9M	71.3u	1.313m	-	581.8m
14	2	12M	67.2u	1.835m	-	128.5m
15	1	14M	72.4u	-	-	282.9m
16	2	16M	97.2u	1.640m	-	228.8m
17	2	7M	52.9u	1.105m	-	598.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_25
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	98.0u	-	-	161.9m
2	2	18M	81.0u	1.154m	-	391.9m
3	2	16M	84.9u	1.864m	-	376.6m
4	3	14M	67.8u	1.836m	1.389m	591.7m
5	2	8M	74.9u	1.085m	-	87.82m
6	2	14M	69.6u	1.646m	-	292.8m
7	1	13M	57.2u	-	-	787.0m
8	1	6M	72.0u	-	-	166.5m
9	1	7M	77.1u	-	-	524.2m
10	3	6M	89.3u	1.716m	1.391m	624.4m
11	2	13M	77.8u	1.215m	-	660.7m
12	1	10M	72.8u	-	-	14.21m
13	3	7M	69.7u	1.036m	1.787m	394.2m
14	3	17M	99.4u	1.207m	1.482m	86.47m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_26
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	83.6u	-	-	965.6m
2	2	18M	74.6u	941.4u	-	347.6m
3	2	10M	59.4u	1.473m	-	58.76m
4	2	13M	60.0u	1.517m	-	68.28m
5	2	16M	51.0u	1.591m	-	536.7m
6	3	16M	97.7u	1.689m	1.505m	756.0m
7	1	7M	61.2u	-	-	585.5m
8	2	5M	66.3u	1.589m	-	120.6m
9	2	16M	60.9u	1.754m	-	1.045
10	1	18M	66.1u	-	-	68.99m

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	16M	98.6u	1.027m	1.192m	6.253m
2	2	8M	57.2u	1.318m	-	110.9m
3	2	18M	53.0u	1.511m	-	688.4m
4	2	7M	88.8u	1.542m	-	75.62m
5	3	11M	74.2u	1.047m	1.421m	678.2m
6	2	15M	73.0u	1.396m	-	488.8m
7	2	19M	81.2u	1.055m	-	97.09m
8	1	9M	50.1u	-	-	412.1m
9	3	18M	97.5u	1.388m	1.424m	418.8m
10	2	13M	84.8u	1.285m	-	213.2m
11	2	17M	69.3u	1.616m	-	387.9m
12	2	18M	95.4u	1.701m	-	209.9m
13	2	14M	98.8u	1.701m	-	301.2m
14	1	15M	80.7u	-	-	431.8m
15	2	11M	56.7u	1.812m	-	37.73m
16	3	14M	88.0u	1.331m	1.856m	675.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	93.1u	1.451m	-	177.0m
2	1	18M	62.7u	-	-	418.9m
3	2	16M	88.5u	1.167m	-	253.8m
4	3	13M	91.6u	1.403m	1.747m	281.7m
5	3	9M	75.2u	1.306m	962.8u	95.38m
6	3	7M	66.6u	967.4u	984.4u	190.2m
7	1	6M	96.0u	-	-	303.6m
8	2	12M	94.1u	1.111m	-	6.526m
9	1	13M	79.1u	-	-	301.5m
10	2	9M	61.0u	1.145m	-	405.8m
11	3	17M	56.5u	1.169m	1.130m	601.0m
12	1	11M	55.0u	-	-	24.38m
13	1	5M	58.6u	-	-	188.0m
14	3	5M	80.4u	1.275m	923.6u	196.2m
15	2	17M	69.0u	1.904m	-	290.9m
16	1	14M	84.5u	-	-	34.50m
17	3	5M	58.6u	1.598m	1.728m	69.17m
18	2	19M	90.5u	1.898m	-	245.2m
19	3	13M	87.0u	1.830m	1.691m	279.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	9M	96.5u	1.594m	1.581m	684.7m
2	2	7M	74.3u	1.068m	-	4.804m
3	2	13M	60.3u	1.080m	-	118.1m
4	3	15M	72.8u	1.836m	1.275m	914.2m
5	2	15M	73.1u	1.607m	-	478.9m
6	2	16M	73.0u	1.615m	-	560.2m
7	2	13M	53.8u	1.750m	-	796.5m
8	1	17M	66.5u	-	-	535.4m
9	1	11M	59.5u	-	-	813.5m
10	3	8M	55.7u	1.060m	1.665m	76.05m
11	3	10M	63.9u	1.444m	1.908m	993.3m
12	2	14M	99.3u	1.584m	-	637.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	72.6u	945.4u	1.149m	139.4m
2	2	14M	58.7u	1.070m	-	151.6m
3	2	10M	76.2u	1.887m	-	463.8m
4	2	17M	87.2u	1.129m	-	308.7m
5	1	8M	81.5u	-	-	324.3m
6	2	20M	50.9u	1.752m	-	387.1m
7	2	15M	71.8u	1.701m	-	238.5m
8	3	11M	98.0u	1.652m	1.093m	411.9m
9	3	16M	81.0u	1.814m	962.0u	198.7m
10	2	20M	98.9u	1.880m	-	190.5m
11	2	9M	63.4u	1.332m	-	213.7m
12	3	11M	59.6u	1.154m	1.773m	138.7m
13	2	18M	99.3u	1.421m	-	103.2m
14	1	20M	52.1u	-	-	525.4m
15	3	9M	83.5u	1.574m	1.406m	140.7m
16	2	13M	57.1u	1.735m	-	415.9m
17	3	15M	50.3u	1.671m	1.488m	351.7m
18	2	7M	68.1u	1.799m	-	5.826m

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Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	62.6u	1.463m	-	98.12m
2	2	15M	62.2u	1.587m	-	12.95m
3	1	8M	69.2u	-	-	424.6m
4	3	11M	92.1u	1.217m	1.646m	687.3m
5	3	5M	51.0u	1.314m	1.915m	266.1m
6	1	17M	79.1u	-	-	408.2m
7	2	10M	67.4u	1.164m	-	494.7m
8	3	10M	71.4u	1.509m	1.187m	202.2m
9	2	15M	73.6u	1.277m	-	826.4m
10	3	8M	96.2u	1.628m	1.360m	70.76m
11	1	7M	97.2u	-	-	184.4m
12	2	19M	74.7u	1.757m	-	197.8m
13	1	14M	62.0u	-	-	128.7m
14	1	15M	99.4u	-	-	589.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_02
Number of Bursts in Trial: 10

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	5M	58.1u	-	-	915.0m
2	1	6M	98.7u	-	-	500.7m
3	2	8M	90.8u	1.263m	-	178.0m
4	2	10M	91.0u	1.428m	-	870.8m
5	3	7M	92.4u	1.748m	1.181m	219.7m
6	1	12M	61.6u	-	-	1.050
7	1	11M	72.7u	-	-	1.046
8	2	17M	59.6u	1.562m	-	42.57m
9	3	13M	77.8u	1.810m	1.315m	128.4m
10	2	6M	97.0u	1.801m	-	1.146

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_03
Number of Bursts in Trial: 15

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	77.9u	1.687m	-	698.1m
2	2	11M	58.6u	1.557m	-	439.6m
3	2	13M	96.2u	1.222m	-	61.06m
4	2	8M	71.8u	1.431m	-	763.4m
5	3	7M	89.4u	1.011m	1.711m	107.9m
6	3	10M	61.2u	1.921m	1.324m	186.5m
7	2	13M	97.1u	1.813m	-	362.0m
8	3	15M	93.9u	1.665m	1.261m	459.3m
9	2	16M	75.7u	1.145m	-	215.1m
10	1	8M	71.5u	-	-	582.5m
11	2	15M	83.0u	1.887m	-	778.4m
12	1	15M	79.6u	-	-	107.4m
13	2	17M	52.9u	1.705m	-	207.7m
14	2	14M	94.8u	1.194m	-	409.2m
15	2	17M	86.9u	1.468m	-	562.7m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_04
Number of Bursts in Trial: 17

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

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_05
Number of Bursts in Trial: 14

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

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_06
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	85.7u	-	-	347.2m
2	1	12M	89.0u	-	-	81.25m
3	2	18M	94.4u	1.492m	-	24.58m
4	3	15M	70.8u	1.072m	1.746m	925.4m
5	1	19M	63.2u	-	-	733.5m
6	2	10M	72.9u	1.071m	-	1.291
7	3	19M	92.4u	1.113m	1.581m	304.6m
8	1	16M	63.1u	-	-	934.3m
9	3	9M	64.6u	1.743m	1.225m	182.9m

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

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

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 9

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

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_10
Number of Bursts in Trial: 17

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

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_11
Number of Bursts in Trial: 13

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	64.7u	1.563m	-	163.6m
2	3	7M	76.3u	1.167m	1.742m	252.7m
3	3	17M	71.8u	1.720m	1.706m	754.7m
4	1	8M	59.0u	-	-	189.9m
5	1	13M	98.4u	-	-	102.8m
6	1	12M	86.5u	-	-	473.1m
7	2	14M	82.4u	1.632m	-	233.8m
8	1	15M	53.7u	-	-	827.6m
9	2	8M	92.4u	1.775m	-	536.7m
10	3	18M	79.2u	1.122m	1.667m	180.3m
11	2	13M	82.8u	943.2u	-	919.4m
12	3	10M	66.3u	1.373m	1.073m	286.3m
13	2	6M	63.2u	1.660m	-	873.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	97.4u	1.618m	-	165.3m
2	3	15M	91.7u	1.775m	1.296m	99.73m
3	2	13M	94.7u	1.421m	-	1.084
4	2	9M	70.8u	1.711m	-	448.1m
5	2	9M	55.4u	1.261m	-	903.2m
6	3	18M	84.4u	1.010m	1.015m	945.0m
7	2	11M	93.4u	1.028m	-	1.079
8	2	18M	85.8u	1.338m	-	136.0m
9	2	12M	72.9u	1.556m	-	575.3m
10	2	20M	84.3u	1.344m	-	58.54m
11	3	10M	76.0u	1.836m	1.583m	912.8m

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

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

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

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

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	58.5u	-	-	495.0m
2	2	7M	90.8u	1.752m	-	597.8m
3	3	15M	99.2u	1.740m	1.884m	43.06m
4	3	7M	56.6u	1.209m	1.007m	491.4m
5	2	19M	77.8u	1.144m	-	769.5m
6	1	7M	58.2u	-	-	265.1m
7	3	9M	92.4u	1.746m	1.473m	11.23m
8	2	14M	78.6u	1.190m	-	696.0m
9	1	18M	99.9u	-	-	505.8m
10	2	12M	66.4u	1.043m	-	539.0m
11	3	9M	58.8u	1.140m	1.741m	539.7m
12	1	10M	92.6u	-	-	14.17m
13	2	17M	91.5u	1.001m	-	789.2m
14	3	18M	85.6u	1.719m	1.578m	597.9m
15	2	9M	68.6u	1.824m	-	431.4m

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

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	57.4u	1.386m	1.268m	382.5m
2	2	11M	96.3u	1.393m	-	112.0m
3	2	15M	73.8u	1.810m	-	724.1m
4	1	16M	60.5u	-	-	537.2m
5	3	11M	80.7u	1.573m	1.448m	259.8m
6	2	11M	53.4u	982.6u	-	693.1m
7	3	11M	58.7u	1.569m	948.3u	279.1m
8	1	9M	82.9u	-	-	417.7m
9	2	6M	91.0u	1.149m	-	551.9m
10	3	11M	79.3u	1.301m	1.237m	29.18m
11	2	6M	60.8u	1.777m	-	641.2m
12	3	14M	65.1u	1.730m	1.400m	194.4m
13	2	19M	97.7u	1.206m	-	667.0m
14	1	16M	94.4u	-	-	264.6m
15	2	6M	91.9u	958.1u	-	6.506m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	14M	98.6u	1.198m	1.062m	396.9m
2	2	18M	56.8u	1.468m	-	705.1m
3	2	19M	78.7u	1.205m	-	603.7m
4	2	13M	91.2u	1.005m	-	14.77m
5	2	16M	73.1u	985.9u	-	145.6m
6	3	10M	59.4u	1.180m	1.913m	560.4m
7	2	7M	53.1u	1.536m	-	688.6m
8	3	16M	54.4u	1.761m	1.914m	11.79m
9	2	9M	93.8u	1.525m	-	395.3m
10	1	8M	63.0u	-	-	457.1m
11	2	18M	68.3u	1.545m	-	491.7m
12	1	19M	72.8u	-	-	550.0m
13	3	5M	79.9u	1.900m	1.725m	382.1m
14	1	14M	61.6u	-	-	654.7m
15	3	19M	52.6u	1.333m	1.573m	568.0m
16	2	19M	83.8u	1.712m	-	484.9m

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

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

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

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	68.6u	-	-	722.5m
2	2	17M	80.9u	1.727m	-	1.229
3	3	6M	82.7u	1.595m	1.417m	616.7m
4	1	6M	72.6u	-	-	165.1m
5	2	19M	71.5u	1.534m	-	440.4m
6	3	16M	95.2u	1.171m	1.517m	991.4m
7	3	7M	81.1u	1.387m	1.737m	676.4m
8	2	16M	65.1u	1.211m	-	540.6m
9	3	15M	95.6u	1.096m	1.897m	1.207

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	5M	91.7u	-	-	561.9m
2	1	11M	83.9u	-	-	254.4m
3	2	7M	89.5u	1.277m	-	561.7m
4	2	10M	82.8u	1.187m	-	410.1m
5	2	13M	87.2u	1.264m	-	493.8m
6	1	17M	58.4u	-	-	484.2m
7	2	12M	70.4u	1.387m	-	608.7m
8	1	20M	59.5u	-	-	189.6m
9	2	9M	60.2u	1.743m	-	259.7m
10	2	16M	98.2u	1.344m	-	83.85m
11	3	8M	72.3u	1.400m	1.325m	225.3m
12	2	6M	91.1u	1.806m	-	408.5m
13	3	8M	62.6u	1.167m	1.446m	575.5m
14	2	14M	97.3u	1.469m	-	391.5m
15	1	19M	67.8u	-	-	435.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	58.6u	1.780m	-	1.050
2	1	18M	76.7u	-	-	826.2m
3	1	14M	60.6u	-	-	99.98m
4	2	13M	96.6u	1.120m	-	585.3m
5	3	11M	80.2u	1.185m	1.533m	1.137
6	3	11M	71.1u	931.9u	1.122m	1.128
7	1	11M	67.6u	-	-	314.4m
8	2	10M	68.4u	1.611m	-	931.7m
9	3	9M	64.4u	1.420m	1.808m	772.6m
10	2	14M	65.0u	1.598m	-	291.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	80.1u	1.608m	-	288.3m
2	3	12M	70.8u	933.2u	1.556m	352.0m
3	2	9M	87.0u	1.364m	-	474.3m
4	2	11M	83.6u	1.525m	-	142.1m
5	3	7M	62.1u	1.342m	1.645m	408.0m
6	2	7M	93.9u	1.478m	-	390.7m
7	2	14M	98.1u	1.736m	-	306.7m
8	1	17M	89.3u	-	-	508.1m
9	1	8M	98.3u	-	-	535.8m
10	2	18M	93.2u	1.725m	-	160.0m
11	2	15M	73.9u	1.332m	-	554.4m
12	2	7M	78.6u	1.113m	-	104.3m
13	3	9M	86.8u	1.289m	1.526m	15.29m
14	1	9M	74.5u	-	-	346.1m
15	3	11M	50.9u	1.736m	1.864m	479.3m
16	2	6M	56.9u	1.097m	-	126.2m
17	2	19M	65.6u	1.165m	-	247.3m
18	2	10M	84.1u	1.458m	-	576.8m
19	2	8M	61.0u	1.730m	-	358.4m
20	1	10M	68.9u	-	-	26.65m

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

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	6M	63.4u	-	-	46.57m
2	1	6M	77.2u	-	-	581.7m
3	3	16M	75.7u	1.022m	1.164m	42.79m
4	1	14M	91.6u	-	-	458.9m
5	2	6M	68.0u	1.004m	-	243.7m
6	1	19M	86.8u	-	-	61.21m
7	1	6M	65.2u	-	-	615.9m
8	2	11M	72.6u	1.066m	-	369.1m
9	1	16M	57.8u	-	-	322.0m
10	1	11M	83.2u	-	-	454.4m
11	2	8M	69.3u	1.884m	-	387.9m
12	1	14M	68.9u	-	-	531.9m
13	3	17M	57.2u	1.186m	1.915m	600.8m
14	3	16M	51.5u	1.698m	1.243m	370.2m
15	1	8M	57.0u	-	-	121.6m
16	2	19M	73.4u	1.438m	-	352.9m
17	2	19M	75.5u	1.325m	-	617.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	87.3u	1.262m	976.7u	593.8m
2	1	10M	60.9u	-	-	519.1m
3	1	15M	68.6u	-	-	757.3m
4	2	13M	69.7u	1.537m	-	850.5m
5	2	10M	50.0u	1.724m	-	741.7m
6	2	18M	98.9u	1.284m	-	38.31m
7	2	7M	81.1u	1.858m	-	3.085m
8	1	19M	54.8u	-	-	292.2m
9	3	16M	80.8u	1.272m	1.460m	528.2m
10	1	19M	75.6u	-	-	192.1m
11	2	11M	60.0u	1.618m	-	392.8m
12	2	12M	79.5u	1.644m	-	296.9m
13	3	12M	95.5u	945.5u	1.893m	4.328m
14	3	11M	85.3u	1.849m	1.169m	23.32m

IEEE 802.11n 40MHz.

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_01 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	92.6u	916.4u	-	685.2m
2	2	13M	87.1u	1.654m	-	326.8m
3	3	19M	72.6u	1.315m	1.736m	136.4m
4	1	14M	94.0u	-	-	529.3m
5	3	7M	75.7u	1.788m	1.653m	505.2m
6	3	11M	58.7u	1.283m	1.509m	322.2m
7	1	13M	97.5u	-	-	419.8m
8	3	8M	72.1u	1.229m	1.056m	68.93m
9	3	14M	57.6u	1.211m	1.061m	680.6m
10	2	17M	81.4u	1.368m	-	306.8m
11	2	19M	85.8u	1.013m	-	47.30m
12	2	6M	74.7u	1.685m	-	413.9m
13	2	10M	82.3u	1.650m	-	93.58m
14	3	7M	52.4u	1.800m	1.595m	544.7m
15	3	7M	85.3u	1.509m	1.588m	154.4m
16	2	15M	50.2u	1.782m	-	370.4m
17	2	8M	56.7u	1.246m	-	163.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	74.5u	1.578m	-	250.3m
2	3	20M	53.1u	1.675m	1.595m	202.2m
3	2	6M	80.2u	1.153m	-	387.6m
4	2	13M	57.6u	1.427m	-	402.7m
5	3	18M	99.5u	1.767m	950.5u	478.3m
6	2	13M	52.7u	1.183m	-	780.5m
7	1	6M	71.7u	-	-	516.8m
8	2	16M	91.6u	1.476m	-	113.1m
9	2	8M	86.2u	1.607m	-	80.66m
10	2	5M	66.9u	1.725m	-	490.5m
11	1	9M	67.2u	-	-	387.9m
12	2	18M	72.9u	1.665m	-	741.7m
13	3	16M	66.1u	1.862m	1.830m	565.3m
14	2	9M	58.7u	1.477m	-	9.990m
15	2	8M	60.4u	1.056m	-	387.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 15						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	75.0u	1.826m	-	81.78m
2	2	13M	80.0u	1.658m	-	128.0m
3	2	15M	98.2u	1.579m	-	347.4m
4	2	7M	92.7u	1.253m	-	702.9m
5	3	12M	74.6u	1.812m	1.113m	767.7m
6	2	6M	81.3u	1.015m	-	463.9m
7	1	14M	76.8u	-	-	324.7m
8	2	11M	57.1u	1.375m	-	550.1m
9	3	9M	55.7u	1.050m	1.086m	136.7m
10	1	11M	69.3u	-	-	292.8m
11	1	10M	65.8u	-	-	226.3m
12	2	12M	70.5u	1.394m	-	550.7m
13	3	6M	79.9u	1.368m	1.607m	710.1m
14	1	5M	61.0u	-	-	357.1m
15	3	10M	51.9u	1.227m	1.370m	313.0m

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	10M	85.7u	1.148m	-	27.59m
2	2	13M	67.4u	1.564m	-	445.8m
3	1	19M	79.9u	-	-	709.7m
4	2	16M	51.2u	1.704m	-	216.2m
5	2	16M	77.4u	1.482m	-	716.9m
6	2	12M	83.9u	1.232m	-	779.0m
7	1	17M	75.7u	-	-	162.4m
8	2	10M	53.7u	1.382m	-	388.5m
9	3	8M	97.9u	1.816m	1.725m	645.9m
10	1	18M	98.3u	-	-	812.1m
11	2	18M	79.4u	1.777m	-	727.3m
12	1	7M	78.9u	-	-	210.5m
13	2	9M	80.2u	1.424m	-	422.0m
14	1	19M	53.4u	-	-	97.64m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	53.5u	1.305m	-	811.2m
2	1	19M	56.8u	-	-	424.8m
3	1	6M	64.3u	-	-	506.4m
4	3	5M	52.2u	1.463m	1.075m	339.9m
5	2	12M	90.8u	1.256m	-	874.9m
6	3	12M	55.0u	1.196m	1.661m	744.2m
7	1	17M	61.2u	-	-	179.3m
8	3	12M	59.8u	1.521m	1.387m	787.6m
9	3	15M	55.4u	1.646m	1.872m	29.93m
10	2	6M	90.1u	1.132m	-	866.2m
11	2	17M	51.7u	1.886m	-	640.4m
12	3	10M	90.6u	1.775m	1.004m	803.2m
13	2	5M	52.6u	1.858m	-	188.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	11M	54.2u	1.753m	1.653m	552.9m
2	1	18M	88.1u	-	-	400.9m
3	1	10M	92.4u	-	-	596.2m
4	3	15M	64.9u	1.460m	1.271m	91.47m
5	1	9M	99.9u	-	-	45.47m
6	2	6M	54.8u	1.932m	-	429.7m
7	2	14M	77.6u	1.665m	-	235.7m
8	1	11M	88.3u	-	-	487.7m
9	3	9M	67.4u	1.724m	1.356m	135.0m
10	3	9M	54.5u	1.587m	1.136m	402.5m
11	1	10M	67.2u	-	-	137.3m
12	1	9M	59.2u	-	-	572.4m
13	3	11M	63.5u	1.666m	1.070m	486.8m
14	2	14M	55.9u	1.135m	-	248.3m
15	3	5M	69.2u	1.260m	1.771m	515.2m
16	2	11M	58.6u	1.490m	-	309.1m
17	2	17M	87.6u	1.436m	-	208.9m
18	3	20M	88.0u	1.096m	1.098m	41.79m
19	3	13M	84.2u	1.276m	1.226m	308.0m
20	1	9M	92.2u	-	-	388.6m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_07
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	67.9u	1.451m	-	625.2m
2	1	6M	91.5u	-	-	41.44m
3	3	16M	79.1u	1.425m	1.056m	993.6m
4	2	7M	68.6u	1.600m	-	541.5m
5	2	16M	84.0u	1.332m	-	474.0m
6	2	13M	81.7u	1.575m	-	917.6m
7	1	14M	62.0u	-	-	48.17m
8	2	12M	60.7u	1.243m	-	722.4m
9	2	17M	70.5u	1.405m	-	853.7m
10	2	7M	50.2u	1.342m	-	387.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_08
Number of Bursts in Trial: 11

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	12M	50.7u	1.313m	-	606.8m
2	2	9M	92.9u	1.431m	-	784.8m
3	3	9M	60.1u	1.169m	1.267m	1.040
4	2	11M	55.1u	1.631m	-	15.05m
5	2	5M	94.7u	1.553m	-	258.6m
6	3	9M	69.6u	954.4u	1.102m	168.0m
7	3	16M	58.6u	1.796m	1.579m	20.26m
8	1	12M	60.6u	-	-	395.6m
9	2	17M	51.2u	989.8u	-	965.7m
10	1	19M	58.3u	-	-	842.9m
11	2	16M	58.8u	1.780m	-	796.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_09
Number of Bursts in Trial: 19

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	91.6u	1.729m	-	466.2m
2	1	5M	86.0u	-	-	567.7m
3	3	11M	61.5u	1.793m	1.729m	513.2m
4	3	8M	65.9u	1.814m	1.438m	91.61m
5	1	20M	94.8u	-	-	57.56m
6	1	9M	61.1u	-	-	470.7m
7	2	14M	56.0u	1.583m	-	494.7m
8	2	8M	57.7u	1.319m	-	478.0m
9	3	19M	80.3u	1.288m	1.339m	159.8m
10	2	17M	60.4u	1.005m	-	390.7m
11	2	5M	52.0u	1.058m	-	436.2m
12	3	14M	55.5u	1.453m	1.211m	99.39m
13	3	15M	51.3u	1.143m	1.492m	505.2m
14	2	11M	59.8u	1.348m	-	431.1m
15	2	18M	64.3u	1.330m	-	67.58m
16	3	13M	50.7u	1.416m	1.668m	233.0m
17	3	13M	67.8u	1.601m	1.630m	487.9m
18	2	8M	96.9u	1.013m	-	165.9m
19	1	13M	65.3u	-	-	15.60m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	13M	65.3u	1.907m	1.699m	443.9m
2	1	17M	68.3u	-	-	600.9m
3	1	13M	85.7u	-	-	25.39m
4	2	10M	69.1u	1.856m	-	301.4m
5	2	15M	79.7u	1.885m	-	625.6m
6	2	8M	82.6u	1.113m	-	607.7m
7	2	10M	59.1u	1.669m	-	268.8m
8	2	17M	61.7u	1.474m	-	231.8m
9	1	16M	64.5u	-	-	367.8m
10	1	18M	88.3u	-	-	181.4m
11	2	13M	51.3u	1.080m	-	310.8m
12	1	9M	58.9u	-	-	472.7m
13	1	14M	58.3u	-	-	609.1m
14	3	14M	65.9u	1.333m	1.716m	618.4m
15	2	10M	69.3u	1.222m	-	406.7m
16	2	14M	74.5u	1.643m	-	272.6m
17	2	14M	98.1u	1.755m	-	478.0m
18	3	12M	66.4u	1.284m	1.303m	176.1m
19	3	11M	74.9u	1.537m	1.226m	520.1m

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	7M	91.3u	1.419m	-	68.11m
2	2	17M	55.4u	1.444m	-	261.6m
3	1	7M	94.6u	-	-	227.1m
4	2	5M	69.7u	1.312m	-	560.4m
5	2	16M	81.2u	1.567m	-	339.0m
6	2	10M	53.1u	1.272m	-	61.74m
7	2	11M	54.5u	1.445m	-	581.4m
8	1	9M	64.5u	-	-	275.5m
9	2	8M	56.0u	1.281m	-	445.9m
10	2	12M	87.8u	1.363m	-	329.1m
11	3	5M	95.5u	1.377m	1.237m	463.3m
12	2	17M	93.8u	994.2u	-	564.2m
13	2	13M	65.0u	1.534m	-	609.8m
14	3	9M	61.1u	1.065m	1.220m	181.8m
15	2	8M	67.0u	1.659m	-	603.7m
16	3	14M	99.2u	1.647m	1.619m	341.3m
17	2	19M	98.6u	1.285m	-	358.7m
18	3	17M	82.3u	1.192m	1.858m	187.5m
19	2	20M	63.3u	1.592m	-	619.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 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	17M	71.1u	1.253m	-	258.4m
2	2	12M	68.6u	1.482m	-	154.3m
3	2	5M	77.6u	1.815m	-	93.41m
4	1	17M	76.0u	-	-	582.0m
5	2	19M	85.7u	1.052m	-	581.9m
6	3	16M	66.7u	1.749m	1.877m	2.915m
7	2	10M	61.7u	1.173m	-	239.6m
8	2	17M	91.5u	1.818m	-	493.6m
9	1	7M	52.0u	-	-	189.5m
10	2	18M	68.8u	1.039m	-	587.2m
11	1	9M	52.8u	-	-	171.6m
12	2	6M	51.9u	1.004m	-	187.7m
13	2	10M	54.4u	1.815m	-	198.6m
14	2	14M	91.6u	1.040m	-	506.8m
15	3	20M	61.9u	1.696m	1.106m	454.5m
16	2	10M	59.0u	1.665m	-	334.0m
17	3	15M	72.0u	1.338m	1.624m	362.7m
18	3	16M	71.8u	1.479m	1.277m	395.8m
19	2	9M	71.3u	1.120m	-	245.5m
20	3	11M	50.4u	1.229m	1.376m	473.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	13M	78.9u	-	-	239.7m
2	3	11M	92.1u	1.073m	1.894m	390.4m
3	2	7M	61.6u	1.228m	-	84.20m
4	3	13M	66.9u	1.103m	1.500m	579.0m
5	1	10M	93.2u	-	-	480.5m
6	2	20M	60.4u	1.146m	-	650.4m
7	2	14M	67.2u	1.263m	-	853.9m
8	1	16M	89.6u	-	-	90.22m
9	2	8M	55.1u	1.930m	-	760.6m
10	3	13M	78.5u	1.355m	1.533m	722.3m
11	2	15M	99.7u	1.779m	-	335.5m
12	2	6M	76.9u	1.835m	-	570.4m
13	3	18M	54.8u	1.107m	1.765m	493.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_14
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	60.2u	1.721m	-	303.0m
2	3	12M	62.3u	1.098m	1.763m	826.8m
3	1	7M	82.0u	-	-	1.087
4	1	12M	82.8u	-	-	212.8m
5	2	6M	74.1u	1.272m	-	609.0m
6	2	11M	89.7u	953.3u	-	329.0m
7	2	5M	98.7u	1.456m	-	1.108
8	1	11M	90.0u	-	-	1.215
9	2	16M	94.1u	1.624m	-	1.272

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_15
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	69.4u	1.208m	-	443.0m
2	2	15M	89.9u	922.1u	-	296.5m
3	3	18M	69.0u	1.068m	1.031m	737.2m
4	3	8M	76.5u	1.313m	1.118m	605.0m
5	1	7M	62.6u	-	-	263.0m
6	1	7M	95.3u	-	-	804.4m
7	1	15M	69.2u	-	-	665.2m
8	3	7M	59.5u	1.105m	1.242m	305.7m
9	3	15M	74.0u	1.690m	1.871m	754.1m
10	3	18M	93.0u	999.0u	1.197m	543.0m
11	2	17M	65.6u	946.4u	-	753.4m
12	1	10M	84.6u	-	-	561.8m

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	1	11M	68.7u	-	-	34.69m
2	2	8M	52.3u	989.7u	-	404.9m
3	1	18M	97.5u	-	-	453.5m
4	1	10M	87.2u	-	-	350.8m
5	2	6M	67.7u	1.804m	-	258.3m
6	2	7M	70.5u	1.442m	-	446.0m
7	2	8M	80.5u	1.823m	-	494.9m
8	1	11M	64.8u	-	-	451.7m
9	2	13M	87.8u	1.339m	-	528.7m
10	3	5M	92.3u	1.233m	1.606m	674.7m
11	2	11M	73.4u	1.113m	-	346.5m
12	2	7M	51.8u	1.648m	-	606.3m
13	2	18M	85.4u	1.515m	-	197.5m
14	2	11M	96.7u	1.738m	-	439.1m
15	2	19M	99.9u	967.1u	-	445.1m
16	1	9M	62.9u	-	-	346.0m
17	3	12M	88.9u	1.062m	949.1u	342.3m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_17
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	18M	88.1u	-	-	26.17m
2	3	7M	99.6u	1.061m	1.039m	25.25m
3	1	10M	75.0u	-	-	535.4m
4	1	15M	50.2u	-	-	410.2m
5	3	18M	58.3u	1.783m	1.612m	83.95m
6	2	10M	51.0u	1.449m	-	71.14m
7	2	5M	67.2u	1.199m	-	86.36m
8	2	15M	85.7u	1.492m	-	391.4m
9	2	12M	82.6u	1.837m	-	412.1m
10	3	8M	98.9u	1.701m	1.363m	541.3m
11	1	7M	62.2u	-	-	251.2m
12	1	12M	64.1u	-	-	392.2m
13	2	16M	72.5u	1.119m	-	162.2m
14	1	10M	73.9u	-	-	524.4m
15	2	18M	85.6u	1.366m	-	553.4m
16	1	20M	51.3u	-	-	525.6m
17	3	7M	68.3u	1.842m	1.922m	585.4m
18	3	8M	74.1u	1.503m	1.160m	252.0m
19	1	17M	65.2u	-	-	119.8m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_18
Number of Bursts in Trial: 9

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	93.5u	1.725m	-	735.7m
2	2	8M	87.7u	1.863m	-	1.082
3	2	5M	82.4u	1.113m	-	577.5m
4	1	17M	86.3u	-	-	558.9m
5	2	8M	99.3u	963.7u	-	1.098
6	2	18M	82.5u	1.154m	-	809.2m
7	2	6M	82.5u	1.056m	-	332.6m
8	1	6M	67.9u	-	-	391.4m
9	3	7M	70.9u	1.002m	1.490m	1.073

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_19
Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	61.4u	1.598m	-	708.1m
2	1	15M	68.6u	-	-	308.1m
3	2	20M	75.2u	937.8u	-	797.0m
4	3	11M	63.7u	1.782m	1.877m	541.1m
5	1	7M	64.7u	-	-	263.4m
6	1	10M	67.5u	-	-	164.7m
7	2	15M	94.9u	1.807m	-	357.0m
8	3	12M	51.9u	1.906m	1.215m	699.3m
9	2	8M	68.3u	1.189m	-	151.6m
10	2	12M	61.7u	1.541m	-	207.2m
11	1	16M	85.5u	-	-	83.71m
12	2	17M	74.5u	1.094m	-	962.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	76.6u	1.665m	1.109m	77.20m
2	2	18M	50.5u	1.585m	-	493.6m
3	2	13M	67.4u	1.782m	-	541.6m
4	3	9M	63.1u	1.487m	1.922m	439.8m
5	3	13M	52.2u	1.659m	1.455m	699.8m
6	3	11M	72.1u	1.018m	1.882m	864.8m
7	1	15M	59.5u	-	-	219.2m
8	2	11M	87.9u	1.671m	-	757.5m
9	3	8M	99.5u	1.481m	1.852m	667.3m
10	2	8M	92.6u	1.584m	-	562.8m
11	3	5M	81.4u	1.745m	1.317m	502.5m
12	2	13M	91.1u	1.116m	-	120.5m
13	3	16M	90.5u	1.585m	1.731m	868.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	68.3u	969.7u	-	71.20m
2	2	7M	67.7u	1.813m	-	488.5m
3	2	10M	57.0u	1.275m	-	287.3m
4	1	9M	62.2u	-	-	596.3m
5	2	8M	52.9u	1.109m	-	411.9m
6	2	16M	65.1u	1.907m	-	713.1m
7	3	17M	99.7u	1.658m	1.853m	399.7m
8	2	19M	74.1u	1.074m	-	293.7m
9	1	10M	83.3u	-	-	978.7m
10	3	7M	60.6u	1.421m	1.223m	369.8m
11	2	8M	95.0u	1.199m	-	306.3m
12	2	11M	51.2u	1.306m	-	920.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	95.9u	-	-	82.80m
2	1	10M	54.6u	-	-	169.3m
3	1	8M	63.1u	-	-	831.8m
4	1	16M	52.2u	-	-	210.7m
5	2	20M	51.8u	1.656m	-	37.46m
6	2	10M	94.0u	1.106m	-	334.9m
7	2	17M	68.4u	1.707m	-	392.2m
8	1	14M	95.1u	-	-	366.7m
9	2	18M	85.4u	1.692m	-	604.4m
10	2	7M	64.8u	1.650m	-	861.2m
11	3	12M	91.6u	1.088m	1.030m	885.4m
12	2	6M	51.7u	1.868m	-	301.0m

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	2	14M	64.6u	1.811m	-	117.8m
2	2	17M	57.2u	1.150m	-	286.0m
3	1	13M	86.0u	-	-	341.2m
4	3	19M	88.0u	1.807m	1.103m	114.8m
5	3	11M	76.7u	1.337m	1.446m	439.9m
6	1	10M	69.5u	-	-	441.1m
7	3	7M	90.5u	1.513m	1.718m	128.1m
8	2	6M	76.5u	1.145m	-	344.7m
9	2	16M	72.5u	1.606m	-	77.20m
10	2	16M	61.9u	1.150m	-	2.919m
11	2	11M	76.3u	1.754m	-	159.8m
12	3	12M	89.7u	1.617m	1.496m	436.1m
13	3	18M	89.8u	1.890m	1.666m	552.3m
14	2	9M	50.3u	1.129m	-	362.4m
15	2	9M	53.4u	1.870m	-	536.4m
16	1	9M	85.5u	-	-	625.4m
17	2	8M	61.3u	1.161m	-	132.0m

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	8M	51.0u	1.480m	1.036m	486.9m
2	2	16M	73.3u	1.257m	-	79.07m
3	3	8M	74.6u	967.4u	1.851m	481.1m
4	1	12M	95.2u	-	-	417.5m
5	2	18M	94.3u	1.100m	-	485.3m
6	3	12M	95.2u	935.8u	1.461m	196.8m
7	2	9M	62.1u	1.782m	-	251.1m
8	1	18M	67.1u	-	-	329.1m
9	1	18M	84.4u	-	-	48.70m
10	1	18M	79.1u	-	-	330.4m
11	2	16M	98.5u	1.858m	-	260.9m
12	2	16M	61.6u	1.721m	-	630.7m
13	2	14M	66.6u	1.632m	-	597.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	20M	68.4u	1.651m	-	837.7m
2	2	14M	93.6u	1.427m	-	517.3m
3	2	6M	85.6u	1.597m	-	274.5m
4	2	6M	82.4u	1.884m	-	741.4m
5	2	10M	95.1u	1.544m	-	766.0m
6	2	12M	63.8u	1.726m	-	421.3m
7	2	8M	89.3u	1.357m	-	660.8m
8	3	7M	65.2u	1.813m	1.837m	76.80m
9	2	19M	82.3u	1.838m	-	335.0m
10	2	13M	56.7u	1.116m	-	206.4m
11	1	7M	66.0u	-	-	635.2m
12	2	7M	55.2u	1.080m	-	775.0m
13	2	16M	50.0u	1.678m	-	278.2m
14	1	19M	74.7u	-	-	166.8m

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	2	8M	95.6u	1.294m	-	759.8m
2	2	12M	61.3u	1.567m	-	859.5m
3	2	10M	87.9u	1.622m	-	631.0m
4	2	19M	77.5u	1.612m	-	31.12m
5	1	20M	63.3u	-	-	85.71m
6	2	6M	51.5u	1.726m	-	315.6m
7	2	16M	63.0u	1.522m	-	810.7m
8	2	6M	51.5u	1.782m	-	669.8m
9	2	10M	67.6u	1.204m	-	42.74m
10	2	7M	67.4u	1.640m	-	136.9m
11	1	12M	57.5u	-	-	406.1m
12	2	6M	83.6u	1.314m	-	698.8m
13	3	12M	70.8u	1.821m	1.444m	377.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	12M	72.2u	-	-	41.19m
2	1	18M	79.5u	-	-	226.3m
3	2	13M	57.6u	1.235m	-	172.9m
4	2	15M	92.8u	1.178m	-	514.6m
5	2	9M	53.7u	1.317m	-	409.4m
6	2	18M	90.6u	1.102m	-	198.9m
7	2	20M	91.4u	1.654m	-	257.3m
8	1	17M	73.5u	-	-	63.47m
9	3	16M	89.4u	1.125m	1.468m	208.9m
10	2	20M	77.9u	1.623m	-	248.4m
11	2	14M	71.6u	989.4u	-	344.4m
12	2	7M	94.4u	983.6u	-	101.4m
13	1	6M	82.2u	-	-	295.5m
14	2	7M	86.4u	1.744m	-	489.9m
15	3	14M	77.0u	1.432m	1.025m	581.1m
16	2	18M	73.8u	1.276m	-	559.1m
17	1	9M	80.1u	-	-	583.7m
18	2	14M	81.4u	1.550m	-	415.3m
19	2	17M	90.1u	1.703m	-	428.4m

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	1	9M	74.9u	-	-	404.3m
2	2	16M	79.6u	1.255m	-	661.6m
3	2	12M	76.3u	1.333m	-	349.8m
4	2	8M	50.7u	1.116m	-	270.5m
5	2	7M	95.3u	1.223m	-	264.8m
6	2	5M	64.3u	1.021m	-	398.4m
7	1	18M	69.1u	-	-	396.3m
8	1	14M	86.0u	-	-	752.9m
9	2	13M	65.8u	1.516m	-	423.4m
10	2	10M	61.1u	1.313m	-	638.7m
11	3	13M	86.8u	1.905m	1.602m	276.3m
12	2	11M	91.1u	1.745m	-	773.7m
13	2	16M	73.0u	1.674m	-	18.00m
14	2	10M	86.4u	1.373m	-	407.0m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_29
Number of Bursts in Trial: 16

Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	89.6u	1.768m	-	542.2m
2	3	6M	88.9u	1.836m	1.161m	516.1m
3	2	12M	67.1u	1.714m	-	217.8m
4	1	14M	99.6u	-	-	85.22m
5	2	13M	81.0u	966.0u	-	387.9m
6	1	16M	56.2u	-	-	548.3m
7	2	20M	80.8u	1.654m	-	743.9m
8	2	9M	72.9u	1.119m	-	118.1m
9	3	7M	83.9u	1.716m	1.198m	12.05m
10	3	11M	59.5u	1.275m	1.092m	700.0m
11	3	10M	98.6u	1.569m	1.001m	67.70m
12	2	14M	68.5u	1.675m	-	377.3m
13	2	18M	69.1u	1.792m	-	718.5m
14	2	17M	55.7u	1.340m	-	417.7m
15	3	15M	76.2u	1.795m	1.026m	493.8m
16	1	20M	73.6u	-	-	12.07m

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_30
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	14M	62.2u	1.881m	-	453.6m
2	3	10M	83.9u	1.349m	1.625m	598.8m
3	2	5M	70.4u	1.260m	-	87.48m
4	2	12M	79.7u	1.850m	-	323.5m
5	1	12M	64.9u	-	-	379.5m
6	3	14M	60.7u	1.067m	1.655m	105.9m
7	1	18M	65.9u	-	-	274.2m
8	3	16M	53.2u	1.692m	1.728m	208.4m
9	2	9M	99.9u	1.747m	-	525.9m
10	3	15M	60.0u	1.301m	1.489m	647.9m
11	1	9M	73.2u	-	-	529.4m
12	2	20M	64.5u	991.5u	-	386.2m
13	2	15M	93.2u	968.8u	-	83.94m
14	3	14M	96.2u	1.624m	944.8u	271.2m
15	2	10M	53.6u	1.737m	-	610.4m
16	1	5M	98.8u	-	-	7.204m
17	2	12M	91.0u	1.382m	-	165.3m
18	2	18M	82.6u	1.310m	-	200.1m

A.2 The Frequency Hopping Radar Pattern

IEEE 802.11a

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.587G	2	5.666G	3	5.719G	4	5.292G
5	5.370G	6	5.386G	7	5.703G	8	5.477G
9	5.435G	10	5.457G	11	5.577G	12	5.441G
13	5.371G	14	5.570G	15	5.492G	16	5.284G
17	5.696G	18	5.353G	19	5.382G	20	5.528G
21	5.424G	22	5.463G	23	5.622G	24	5.718G
25	5.420G	26	5.314G	27	5.690G	28	5.293G
29	5.374G	30	5.309G	31	5.313G	32	5.290G
33	5.405G	34	5.310G	35	5.637G	36	5.633G
37	5.498G	38	5.277G	39	5.553G	40	5.495G
41	5.253G	42	5.522G	43	5.650G	44	5.617G
45	5.481G	46	5.624G	47	5.639G	48	5.534G
49	5.661G	50	5.697G	51	5.443G	52	5.584G
53	5.480G	54	5.270G	55	5.722G	56	5.562G
57	5.348G	58	5.474G	59	5.343G	60	5.291G
61	5.447G	62	5.530G	63	5.586G	64	5.321G
65	5.434G	66	5.572G	67	5.561G	68	5.250G
69	5.644G	70	5.538G	71	5.518G	72	5.636G
73	5.397G	74	5.351G	75	5.485G	76	5.376G
77	5.514G	78	5.296G	79	5.487G	80	5.648G
81	5.565G	82	5.300G	83	5.423G	84	5.257G
85	5.261G	86	5.674G	87	5.550G	88	5.455G
89	5.692G	90	5.433G	91	5.415G	92	5.655G
93	5.264G	94	5.256G	95	5.331G	96	5.484G
97	5.379G	98	5.466G	99	5.361G	100	5.532G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.722G	2	5.287G	3	5.306G	4	5.597G
5	5.653G	6	5.410G	7	5.660G	8	5.432G
9	5.667G	10	5.377G	11	5.434G	12	5.267G
13	5.500G	14	5.624G	15	5.307G	16	5.623G
17	5.477G	18	5.379G	19	5.577G	20	5.398G
21	5.435G	22	5.296G	23	5.428G	24	5.467G
25	5.724G	26	5.366G	27	5.634G	28	5.433G
29	5.334G	30	5.280G	31	5.408G	32	5.415G
33	5.633G	34	5.315G	35	5.422G	36	5.409G
37	5.403G	38	5.427G	39	5.635G	40	5.549G
41	5.294G	42	5.526G	43	5.716G	44	5.561G
45	5.552G	46	5.706G	47	5.250G	48	5.720G
49	5.425G	50	5.579G	51	5.371G	52	5.269G
53	5.707G	54	5.293G	55	5.499G	56	5.491G
57	5.292G	58	5.352G	59	5.443G	60	5.251G
61	5.362G	62	5.345G	63	5.518G	64	5.354G
65	5.305G	66	5.554G	67	5.481G	68	5.419G
69	5.484G	70	5.284G	71	5.299G	72	5.515G
73	5.528G	74	5.589G	75	5.272G	76	5.504G
77	5.618G	78	5.683G	79	5.616G	80	5.649G
81	5.258G	82	5.385G	83	5.463G	84	5.711G
85	5.298G	86	5.538G	87	5.440G	88	5.588G
89	5.568G	90	5.640G	91	5.496G	92	5.313G
93	5.666G	94	5.381G	95	5.318G	96	5.595G
97	5.442G	98	5.457G	99	5.671G	100	5.665G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.268G	2	5.544G	3	5.417G	4	5.438G
5	5.380G	6	5.492G	7	5.681G	8	5.645G
9	5.399G	10	5.489G	11	5.593G	12	5.631G
13	5.715G	14	5.367G	15	5.459G	16	5.408G
17	5.441G	18	5.480G	19	5.498G	20	5.573G
21	5.279G	22	5.444G	23	5.698G	24	5.693G
25	5.570G	26	5.377G	27	5.564G	28	5.381G
29	5.682G	30	5.561G	31	5.378G	32	5.290G
33	5.619G	34	5.556G	35	5.597G	36	5.499G
37	5.635G	38	5.589G	39	5.462G	40	5.481G
41	5.340G	42	5.436G	43	5.717G	44	5.366G
45	5.423G	46	5.532G	47	5.461G	48	5.712G
49	5.327G	50	5.330G	51	5.538G	52	5.670G
53	5.315G	54	5.401G	55	5.259G	56	5.397G
57	5.486G	58	5.298G	59	5.479G	60	5.358G
61	5.611G	62	5.300G	63	5.276G	64	5.636G
65	5.718G	66	5.643G	67	5.626G	68	5.571G
69	5.587G	70	5.634G	71	5.361G	72	5.688G
73	5.372G	74	5.601G	75	5.429G	76	5.392G
77	5.371G	78	5.255G	79	5.373G	80	5.724G
81	5.382G	82	5.576G	83	5.501G	84	5.505G
85	5.395G	86	5.312G	87	5.343G	88	5.689G
89	5.415G	90	5.470G	91	5.599G	92	5.610G
93	5.591G	94	5.351G	95	5.584G	96	5.616G
97	5.447G	98	5.424G	99	5.527G	100	5.627G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.438G	2	5.474G	3	5.299G	4	5.641G
5	5.679G	6	5.464G	7	5.334G	8	5.447G
9	5.433G	10	5.405G	11	5.653G	12	5.336G
13	5.629G	14	5.644G	15	5.472G	16	5.616G
17	5.311G	18	5.300G	19	5.671G	20	5.624G
21	5.550G	22	5.502G	23	5.381G	24	5.368G
25	5.586G	26	5.273G	27	5.584G	28	5.579G
29	5.367G	30	5.404G	31	5.325G	32	5.382G
33	5.255G	34	5.285G	35	5.373G	36	5.570G
37	5.442G	38	5.590G	39	5.546G	40	5.380G
41	5.538G	42	5.467G	43	5.630G	44	5.704G
45	5.400G	46	5.664G	47	5.365G	48	5.675G
49	5.564G	50	5.317G	51	5.292G	52	5.631G
53	5.598G	54	5.366G	55	5.257G	56	5.497G
57	5.261G	58	5.722G	59	5.465G	60	5.451G
61	5.330G	62	5.673G	63	5.661G	64	5.592G
65	5.551G	66	5.268G	67	5.432G	68	5.377G
69	5.500G	70	5.466G	71	5.666G	72	5.596G
73	5.434G	74	5.670G	75	5.510G	76	5.484G
77	5.509G	78	5.448G	79	5.614G	80	5.633G
81	5.627G	82	5.384G	83	5.290G	84	5.349G
85	5.428G	86	5.427G	87	5.685G	88	5.655G
89	5.386G	90	5.698G	91	5.657G	92	5.287G
93	5.602G	94	5.393G	95	5.516G	96	5.388G
97	5.379G	98	5.350G	99	5.523G	100	5.301G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.342G	2	5.620G	3	5.341G	4	5.637G
5	5.382G	6	5.612G	7	5.651G	8	5.402G
9	5.619G	10	5.469G	11	5.515G	12	5.379G
13	5.541G	14	5.666G	15	5.394G	16	5.658G
17	5.285G	18	5.714G	19	5.435G	20	5.284G
21	5.723G	22	5.437G	23	5.323G	24	5.280G
25	5.607G	26	5.486G	27	5.535G	28	5.584G
29	5.281G	30	5.511G	31	5.418G	32	5.616G
33	5.485G	34	5.326G	35	5.647G	36	5.374G
37	5.650G	38	5.577G	39	5.574G	40	5.332G
41	5.665G	42	5.430G	43	5.635G	44	5.433G
45	5.373G	46	5.260G	47	5.573G	48	5.362G
49	5.698G	50	5.690G	51	5.709G	52	5.546G
53	5.481G	54	5.696G	55	5.579G	56	5.680G
57	5.707G	58	5.380G	59	5.401G	60	5.648G
61	5.718G	62	5.333G	63	5.364G	64	5.425G
65	5.377G	66	5.703G	67	5.353G	68	5.562G
69	5.708G	70	5.531G	71	5.487G	72	5.654G
73	5.327G	74	5.308G	75	5.717G	76	5.674G
77	5.570G	78	5.502G	79	5.633G	80	5.638G
81	5.449G	82	5.450G	83	5.314G	84	5.321G
85	5.337G	86	5.664G	87	5.432G	88	5.288G
89	5.447G	90	5.715G	91	5.716G	92	5.391G
93	5.724G	94	5.603G	95	5.497G	96	5.351G
97	5.508G	98	5.407G	99	5.376G	100	5.263G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.490G	2	5.545G	3	5.604G	4	5.401G
5	5.489G	6	5.657G	7	5.607G	8	5.335G
9	5.369G	10	5.653G	11	5.372G	12	5.272G
13	5.374G	14	5.266G	15	5.698G	16	5.295G
17	5.644G	18	5.658G	19	5.293G	20	5.441G
21	5.714G	22	5.518G	23	5.640G	24	5.520G
25	5.438G	26	5.690G	27	5.340G	28	5.443G
29	5.297G	30	5.689G	31	5.617G	32	5.534G
33	5.378G	34	5.715G	35	5.405G	36	5.574G
37	5.630G	38	5.439G	39	5.481G	40	5.498G
41	5.510G	42	5.360G	43	5.626G	44	5.535G
45	5.584G	46	5.496G	47	5.268G	48	5.508G
49	5.403G	50	5.661G	51	5.301G	52	5.426G
53	5.522G	54	5.390G	55	5.654G	56	5.259G
57	5.631G	58	5.356G	59	5.696G	60	5.695G
61	5.682G	62	5.567G	63	5.406G	64	5.337G
65	5.345G	66	5.587G	67	5.721G	68	5.681G
69	5.539G	70	5.599G	71	5.645G	72	5.629G
73	5.462G	74	5.692G	75	5.424G	76	5.713G
77	5.540G	78	5.585G	79	5.456G	80	5.262G
81	5.615G	82	5.691G	83	5.651G	84	5.419G
85	5.569G	86	5.373G	87	5.282G	88	5.476G
89	5.292G	90	5.619G	91	5.300G	92	5.529G
93	5.656G	94	5.554G	95	5.467G	96	5.544G
97	5.418G	98	5.411G	99	5.320G	100	5.274G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.623G	2	5.441G	3	5.533G	4	5.582G
5	5.532G	6	5.675G	7	5.362G	8	5.486G
9	5.346G	10	5.276G	11	5.365G	12	5.576G
13	5.356G	14	5.376G	15	5.397G	16	5.393G
17	5.363G	18	5.537G	19	5.317G	20	5.668G
21	5.264G	22	5.279G	23	5.379G	24	5.454G
25	5.614G	26	5.369G	27	5.314G	28	5.552G
29	5.348G	30	5.267G	31	5.517G	32	5.305G
33	5.405G	34	5.452G	35	5.339G	36	5.297G
37	5.657G	38	5.372G	39	5.364G	40	5.625G
41	5.313G	42	5.306G	43	5.338G	44	5.370G
45	5.718G	46	5.667G	47	5.334G	48	5.616G
49	5.699G	50	5.367G	51	5.427G	52	5.656G
53	5.703G	54	5.655G	55	5.388G	56	5.462G
57	5.652G	58	5.485G	59	5.428G	60	5.466G
61	5.704G	62	5.302G	63	5.390G	64	5.553G
65	5.525G	66	5.620G	67	5.650G	68	5.638G
69	5.722G	70	5.622G	71	5.259G	72	5.682G
73	5.258G	74	5.720G	75	5.522G	76	5.644G
77	5.254G	78	5.554G	79	5.386G	80	5.472G
81	5.382G	82	5.519G	83	5.610G	84	5.710G
85	5.378G	86	5.577G	87	5.501G	88	5.492G
89	5.549G	90	5.271G	91	5.294G	92	5.490G
93	5.518G	94	5.274G	95	5.636G	96	5.594G
97	5.524G	98	5.300G	99	5.262G	100	5.357G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.286G	2	5.265G	3	5.707G	4	5.386G
5	5.601G	6	5.420G	7	5.692G	8	5.478G
9	5.261G	10	5.328G	11	5.391G	12	5.405G
13	5.677G	14	5.686G	15	5.375G	16	5.418G
17	5.323G	18	5.350G	19	5.559G	20	5.573G
21	5.414G	22	5.339G	23	5.469G	24	5.379G
25	5.596G	26	5.369G	27	5.723G	28	5.516G
29	5.294G	30	5.534G	31	5.385G	32	5.454G
33	5.267G	34	5.472G	35	5.479G	36	5.630G
37	5.604G	38	5.425G	39	5.368G	40	5.615G
41	5.501G	42	5.284G	43	5.393G	44	5.421G
45	5.465G	46	5.483G	47	5.461G	48	5.403G
49	5.557G	50	5.545G	51	5.696G	52	5.262G
53	5.477G	54	5.678G	55	5.670G	56	5.251G
57	5.255G	58	5.585G	59	5.347G	60	5.701G
61	5.517G	62	5.614G	63	5.353G	64	5.497G
65	5.575G	66	5.598G	67	5.460G	68	5.374G
69	5.649G	70	5.610G	71	5.724G	72	5.276G
73	5.571G	74	5.594G	75	5.396G	76	5.606G
77	5.252G	78	5.437G	79	5.637G	80	5.499G
81	5.389G	82	5.683G	83	5.416G	84	5.642G
85	5.322G	86	5.666G	87	5.668G	88	5.569G
89	5.550G	90	5.302G	91	5.384G	92	5.283G
93	5.633G	94	5.263G	95	5.565G	96	5.611G
97	5.613G	98	5.335G	99	5.332G	100	5.602G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.318G	2	5.702G	3	5.390G	4	5.308G
5	5.427G	6	5.331G	7	5.643G	8	5.637G
9	5.689G	10	5.525G	11	5.385G	12	5.387G
13	5.294G	14	5.604G	15	5.300G	16	5.410G
17	5.694G	18	5.375G	19	5.633G	20	5.380G
21	5.428G	22	5.673G	23	5.490G	24	5.529G
25	5.685G	26	5.447G	27	5.489G	28	5.479G
29	5.435G	30	5.501G	31	5.295G	32	5.568G
33	5.679G	34	5.349G	35	5.330G	36	5.362G
37	5.297G	38	5.368G	39	5.389G	40	5.328G
41	5.551G	42	5.397G	43	5.413G	44	5.626G
45	5.363G	46	5.273G	47	5.461G	48	5.357G
49	5.442G	50	5.515G	51	5.317G	52	5.477G
53	5.467G	54	5.286G	55	5.280G	56	5.667G
57	5.371G	58	5.422G	59	5.315G	60	5.605G
61	5.635G	62	5.549G	63	5.372G	64	5.465G
65	5.597G	66	5.484G	67	5.359G	68	5.446G
69	5.660G	70	5.603G	71	5.576G	72	5.445G
73	5.319G	74	5.313G	75	5.329G	76	5.550G
77	5.575G	78	5.675G	79	5.339G	80	5.411G
81	5.381G	82	5.562G	83	5.448G	84	5.564G
85	5.649G	86	5.625G	87	5.383G	88	5.414G
89	5.468G	90	5.659G	91	5.449G	92	5.641G
93	5.275G	94	5.495G	95	5.289G	96	5.454G
97	5.301G	98	5.497G	99	5.544G	100	5.581G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.309G	2	5.325G	3	5.444G	4	5.599G
5	5.508G	6	5.367G	7	5.639G	8	5.540G
9	5.324G	10	5.710G	11	5.455G	12	5.699G
13	5.470G	14	5.459G	15	5.424G	16	5.328G
17	5.289G	18	5.555G	19	5.634G	20	5.568G
21	5.667G	22	5.584G	23	5.530G	24	5.383G
25	5.414G	26	5.607G	27	5.633G	28	5.531G
29	5.600G	30	5.303G	31	5.326G	32	5.534G
33	5.638G	34	5.581G	35	5.550G	36	5.586G
37	5.695G	38	5.538G	39	5.521G	40	5.663G
41	5.487G	42	5.556G	43	5.467G	44	5.514G
45	5.707G	46	5.450G	47	5.397G	48	5.425G
49	5.427G	50	5.376G	51	5.417G	52	5.665G
53	5.616G	54	5.386G	55	5.708G	56	5.632G
57	5.349G	58	5.473G	59	5.304G	60	5.422G
61	5.533G	62	5.694G	63	5.401G	64	5.701G
65	5.527G	66	5.449G	67	5.693G	68	5.363G
69	5.679G	70	5.468G	71	5.630G	72	5.298G
73	5.688G	74	5.407G	75	5.715G	76	5.388G
77	5.624G	78	5.496G	79	5.596G	80	5.403G
81	5.563G	82	5.536G	83	5.343G	84	5.465G
85	5.322G	86	5.327G	87	5.675G	88	5.413G
89	5.358G	90	5.260G	91	5.440G	92	5.296G
93	5.647G	94	5.482G	95	5.282G	96	5.474G
97	5.400G	98	5.641G	99	5.610G	100	5.256G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.471G	2	5.325G	3	5.468G	4	5.258G
5	5.444G	6	5.584G	7	5.643G	8	5.721G
9	5.378G	10	5.614G	11	5.678G	12	5.299G
13	5.639G	14	5.424G	15	5.558G	16	5.499G
17	5.605G	18	5.255G	19	5.420G	20	5.652G
21	5.426G	22	5.612G	23	5.647G	24	5.699G
25	5.599G	26	5.357G	27	5.427G	28	5.664G
29	5.361G	30	5.608G	31	5.630G	32	5.623G
33	5.409G	34	5.580G	35	5.690G	36	5.518G
37	5.644G	38	5.300G	39	5.603G	40	5.272G
41	5.293G	42	5.328G	43	5.303G	44	5.396G
45	5.260G	46	5.548G	47	5.716G	48	5.512G
49	5.478G	50	5.435G	51	5.271G	52	5.428G
53	5.333G	54	5.670G	55	5.398G	56	5.600G
57	5.532G	58	5.527G	59	5.517G	60	5.604G
61	5.480G	62	5.693G	63	5.585G	64	5.541G
65	5.597G	66	5.254G	67	5.483G	68	5.696G
69	5.505G	70	5.286G	71	5.475G	72	5.492G
73	5.663G	74	5.315G	75	5.448G	76	5.379G
77	5.390G	78	5.539G	79	5.675G	80	5.400G
81	5.705G	82	5.380G	83	5.253G	84	5.544G
85	5.615G	86	5.285G	87	5.313G	88	5.418G
89	5.701G	90	5.337G	91	5.250G	92	5.425G
93	5.474G	94	5.287G	95	5.288G	96	5.289G
97	5.649G	98	5.550G	99	5.497G	100	5.310G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.255G	2	5.673G	3	5.571G	4	5.653G
5	5.644G	6	5.253G	7	5.328G	8	5.658G
9	5.683G	10	5.518G	11	5.568G	12	5.430G
13	5.270G	14	5.366G	15	5.322G	16	5.472G
17	5.422G	18	5.475G	19	5.647G	20	5.596G
21	5.429G	22	5.425G	23	5.667G	24	5.404G
25	5.449G	26	5.510G	27	5.563G	28	5.290G
29	5.521G	30	5.364G	31	5.522G	32	5.384G
33	5.283G	34	5.577G	35	5.421G	36	5.445G
37	5.657G	38	5.455G	39	5.316G	40	5.620G
41	5.390G	42	5.718G	43	5.499G	44	5.450G
45	5.386G	46	5.611G	47	5.296G	48	5.380G
49	5.632G	50	5.569G	51	5.252G	52	5.526G
53	5.583G	54	5.503G	55	5.724G	56	5.509G
57	5.692G	58	5.576G	59	5.706G	60	5.630G
61	5.680G	62	5.634G	63	5.457G	64	5.385G
65	5.444G	66	5.527G	67	5.578G	68	5.695G
69	5.557G	70	5.585G	71	5.262G	72	5.417G
73	5.679G	74	5.326G	75	5.719G	76	5.257G
77	5.491G	78	5.513G	79	5.495G	80	5.438G
81	5.678G	82	5.531G	83	5.605G	84	5.337G
85	5.601G	86	5.291G	87	5.542G	88	5.512G
89	5.351G	90	5.544G	91	5.281G	92	5.279G
93	5.414G	94	5.656G	95	5.256G	96	5.276G
97	5.665G	98	5.314G	99	5.411G	100	5.627G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.528G	2	5.510G	3	5.444G	4	5.285G
5	5.379G	6	5.407G	7	5.462G	8	5.645G
9	5.305G	10	5.310G	11	5.626G	12	5.517G
13	5.453G	14	5.598G	15	5.360G	16	5.262G
17	5.551G	18	5.658G	19	5.258G	20	5.537G
21	5.550G	22	5.565G	23	5.606G	24	5.495G
25	5.679G	26	5.364G	27	5.686G	28	5.408G
29	5.338G	30	5.717G	31	5.295G	32	5.436G
33	5.252G	34	5.388G	35	5.352G	36	5.714G
37	5.278G	38	5.325G	39	5.601G	40	5.311G
41	5.401G	42	5.664G	43	5.349G	44	5.710G
45	5.422G	46	5.478G	47	5.306G	48	5.675G
49	5.276G	50	5.690G	51	5.354G	52	5.491G
53	5.509G	54	5.713G	55	5.603G	56	5.518G
57	5.255G	58	5.616G	59	5.722G	60	5.600G
61	5.577G	62	5.574G	63	5.585G	64	5.323G
65	5.345G	66	5.642G	67	5.485G	68	5.359G
69	5.343G	70	5.293G	71	5.421G	72	5.556G
73	5.309G	74	5.661G	75	5.504G	76	5.402G
77	5.279G	78	5.372G	79	5.524G	80	5.367G
81	5.261G	82	5.602G	83	5.511G	84	5.573G
85	5.486G	86	5.618G	87	5.649G	88	5.488G
89	5.648G	90	5.555G	91	5.640G	92	5.350G
93	5.546G	94	5.623G	95	5.636G	96	5.570G
97	5.624G	98	5.355G	99	5.512G	100	5.496G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.579G	2	5.453G	3	5.375G	4	5.430G
5	5.321G	6	5.378G	7	5.597G	8	5.538G
9	5.275G	10	5.473G	11	5.442G	12	5.465G
13	5.452G	14	5.568G	15	5.403G	16	5.502G
17	5.477G	18	5.705G	19	5.564G	20	5.608G
21	5.352G	22	5.271G	23	5.720G	24	5.627G
25	5.404G	26	5.687G	27	5.401G	28	5.602G
29	5.643G	30	5.437G	31	5.309G	32	5.317G
33	5.393G	34	5.329G	35	5.390G	36	5.701G
37	5.680G	38	5.604G	39	5.418G	40	5.335G
41	5.342G	42	5.447G	43	5.366G	44	5.371G
45	5.724G	46	5.532G	47	5.612G	48	5.379G
49	5.255G	50	5.692G	51	5.499G	52	5.429G
53	5.702G	54	5.313G	55	5.621G	56	5.536G
57	5.492G	58	5.433G	59	5.343G	60	5.350G
61	5.545G	62	5.435G	63	5.541G	64	5.459G
65	5.549G	66	5.274G	67	5.289G	68	5.449G
69	5.543G	70	5.432G	71	5.570G	72	5.697G
73	5.559G	74	5.316G	75	5.679G	76	5.574G
77	5.653G	78	5.537G	79	5.644G	80	5.665G
81	5.704G	82	5.645G	83	5.307G	84	5.301G
85	5.655G	86	5.712G	87	5.601G	88	5.656G
89	5.413G	90	5.526G	91	5.341G	92	5.347G
93	5.451G	94	5.278G	95	5.426G	96	5.583G
97	5.660G	98	5.709G	99	5.263G	100	5.505G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.436G	2	5.565G	3	5.365G	4	5.722G
5	5.677G	6	5.712G	7	5.405G	8	5.467G
9	5.351G	10	5.399G	11	5.394G	12	5.409G
13	5.612G	14	5.287G	15	5.532G	16	5.525G
17	5.328G	18	5.353G	19	5.293G	20	5.366G
21	5.374G	22	5.423G	23	5.638G	24	5.486G
25	5.492G	26	5.671G	27	5.512G	28	5.473G
29	5.350G	30	5.252G	31	5.689G	32	5.386G
33	5.277G	34	5.482G	35	5.564G	36	5.605G
37	5.347G	38	5.412G	39	5.488G	40	5.509G
41	5.417G	42	5.280G	43	5.468G	44	5.413G
45	5.522G	46	5.480G	47	5.357G	48	5.517G
49	5.338G	50	5.312G	51	5.415G	52	5.306G
53	5.548G	54	5.560G	55	5.504G	56	5.693G
57	5.401G	58	5.702G	59	5.621G	60	5.325G
61	5.378G	62	5.425G	63	5.289G	64	5.639G
65	5.592G	66	5.339G	67	5.251G	68	5.459G
69	5.648G	70	5.647G	71	5.587G	72	5.549G
73	5.324G	74	5.435G	75	5.441G	76	5.628G
77	5.530G	78	5.362G	79	5.704G	80	5.310G
81	5.451G	82	5.284G	83	5.583G	84	5.539G
85	5.272G	86	5.485G	87	5.363G	88	5.566G
89	5.297G	90	5.625G	91	5.697G	92	5.687G
93	5.598G	94	5.588G	95	5.418G	96	5.410G
97	5.294G	98	5.663G	99	5.652G	100	5.371G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.639G	2	5.594G	3	5.344G	4	5.508G
5	5.612G	6	5.550G	7	5.588G	8	5.528G
9	5.502G	10	5.354G	11	5.440G	12	5.381G
13	5.374G	14	5.536G	15	5.261G	16	5.379G
17	5.415G	18	5.474G	19	5.705G	20	5.288G
21	5.660G	22	5.303G	23	5.620G	24	5.636G
25	5.626G	26	5.338G	27	5.470G	28	5.278G
29	5.332G	30	5.410G	31	5.486G	32	5.462G
33	5.324G	34	5.499G	35	5.683G	36	5.442G
37	5.363G	38	5.696G	39	5.653G	40	5.383G
41	5.702G	42	5.411G	43	5.646G	44	5.504G
45	5.443G	46	5.448G	47	5.527G	48	5.364G
49	5.282G	50	5.253G	51	5.503G	52	5.713G
53	5.623G	54	5.682G	55	5.341G	56	5.328G
57	5.587G	58	5.715G	59	5.591G	60	5.283G
61	5.305G	62	5.592G	63	5.255G	64	5.368G
65	5.693G	66	5.599G	67	5.615G	68	5.299G
69	5.450G	70	5.468G	71	5.546G	72	5.404G
73	5.482G	74	5.357G	75	5.284G	76	5.438G
77	5.627G	78	5.373G	79	5.257G	80	5.514G
81	5.277G	82	5.477G	83	5.689G	84	5.252G
85	5.378G	86	5.358G	87	5.302G	88	5.530G
89	5.424G	90	5.522G	91	5.263G	92	5.289G
93	5.387G	94	5.553G	95	5.475G	96	5.570G
97	5.267G	98	5.670G	99	5.679G	100	5.558G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.573G	2	5.550G	3	5.397G	4	5.528G
5	5.643G	6	5.374G	7	5.677G	8	5.693G
9	5.666G	10	5.369G	11	5.515G	12	5.448G
13	5.253G	14	5.696G	15	5.330G	16	5.645G
17	5.339G	18	5.555G	19	5.336G	20	5.592G
21	5.653G	22	5.256G	23	5.457G	24	5.389G
25	5.415G	26	5.274G	27	5.418G	28	5.597G
29	5.293G	30	5.530G	31	5.714G	32	5.496G
33	5.539G	34	5.676G	35	5.373G	36	5.354G
37	5.267G	38	5.426G	39	5.423G	40	5.270G
41	5.559G	42	5.652G	43	5.548G	44	5.260G
45	5.610G	46	5.295G	47	5.521G	48	5.370G
49	5.667G	50	5.671G	51	5.271G	52	5.644G
53	5.547G	54	5.276G	55	5.584G	56	5.321G
57	5.527G	58	5.704G	59	5.615G	60	5.436G
61	5.691G	62	5.623G	63	5.402G	64	5.546G
65	5.492G	66	5.452G	67	5.437G	68	5.553G
69	5.301G	70	5.433G	71	5.497G	72	5.410G
73	5.618G	74	5.486G	75	5.556G	76	5.478G
77	5.524G	78	5.315G	79	5.429G	80	5.310G
81	5.482G	82	5.356G	83	5.302G	84	5.608G
85	5.692G	86	5.635G	87	5.503G	88	5.489G
89	5.659G	90	5.639G	91	5.272G	92	5.387G
93	5.620G	94	5.407G	95	5.569G	96	5.695G
97	5.536G	98	5.683G	99	5.505G	100	5.306G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.685G	2	5.385G	3	5.629G	4	5.389G
5	5.697G	6	5.402G	7	5.565G	8	5.274G
9	5.590G	10	5.306G	11	5.459G	12	5.348G
13	5.567G	14	5.334G	15	5.409G	16	5.580G
17	5.412G	18	5.676G	19	5.537G	20	5.344G
21	5.688G	22	5.483G	23	5.701G	24	5.710G
25	5.361G	26	5.542G	27	5.661G	28	5.442G
29	5.271G	30	5.694G	31	5.619G	32	5.650G
33	5.419G	34	5.492G	35	5.517G	36	5.466G
37	5.457G	38	5.714G	39	5.411G	40	5.654G
41	5.631G	42	5.501G	43	5.426G	44	5.550G
45	5.470G	46	5.541G	47	5.647G	48	5.539G
49	5.397G	50	5.259G	51	5.658G	52	5.473G
53	5.533G	54	5.639G	55	5.432G	56	5.463G
57	5.535G	58	5.715G	59	5.564G	60	5.555G
61	5.642G	62	5.556G	63	5.251G	64	5.290G
65	5.588G	66	5.360G	67	5.355G	68	5.318G
69	5.529G	70	5.447G	71	5.434G	72	5.293G
73	5.281G	74	5.351G	75	5.390G	76	5.690G
77	5.446G	78	5.719G	79	5.716G	80	5.621G
81	5.471G	82	5.414G	83	5.477G	84	5.633G
85	5.549G	86	5.324G	87	5.645G	88	5.480G
89	5.428G	90	5.681G	91	5.520G	92	5.362G
93	5.373G	94	5.384G	95	5.451G	96	5.379G
97	5.363G	98	5.378G	99	5.672G	100	5.504G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.481G	2	5.419G	3	5.653G	4	5.431G
5	5.329G	6	5.577G	7	5.454G	8	5.356G
9	5.637G	10	5.324G	11	5.282G	12	5.500G
13	5.323G	14	5.296G	15	5.399G	16	5.461G
17	5.466G	18	5.554G	19	5.724G	20	5.640G
21	5.472G	22	5.643G	23	5.345G	24	5.409G
25	5.589G	26	5.591G	27	5.618G	28	5.365G
29	5.353G	30	5.340G	31	5.572G	32	5.517G
33	5.308G	34	5.550G	35	5.666G	36	5.317G
37	5.312G	38	5.621G	39	5.488G	40	5.601G
41	5.665G	42	5.689G	43	5.373G	44	5.320G
45	5.262G	46	5.311G	47	5.673G	48	5.690G
49	5.404G	50	5.367G	51	5.628G	52	5.435G
53	5.395G	54	5.602G	55	5.620G	56	5.571G
57	5.629G	58	5.513G	59	5.540G	60	5.346G
61	5.530G	62	5.266G	63	5.339G	64	5.328G
65	5.336G	66	5.278G	67	5.711G	68	5.614G
69	5.617G	70	5.384G	71	5.368G	72	5.370G
73	5.378G	74	5.276G	75	5.490G	76	5.334G
77	5.426G	78	5.713G	79	5.695G	80	5.377G
81	5.519G	82	5.652G	83	5.382G	84	5.634G
85	5.250G	86	5.505G	87	5.447G	88	5.685G
89	5.605G	90	5.650G	91	5.298G	92	5.299G
93	5.700G	94	5.344G	95	5.364G	96	5.319G
97	5.464G	98	5.251G	99	5.516G	100	5.289G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.331G	2	5.341G	3	5.716G	4	5.532G
5	5.516G	6	5.478G	7	5.462G	8	5.520G
9	5.708G	10	5.326G	11	5.646G	12	5.544G
13	5.693G	14	5.613G	15	5.570G	16	5.415G
17	5.266G	18	5.296G	19	5.348G	20	5.294G
21	5.676G	22	5.607G	23	5.587G	24	5.599G
25	5.317G	26	5.387G	27	5.381G	28	5.372G
29	5.719G	30	5.648G	31	5.353G	32	5.696G
33	5.421G	34	5.667G	35	5.417G	36	5.413G
37	5.627G	38	5.268G	39	5.692G	40	5.261G
41	5.325G	42	5.279G	43	5.721G	44	5.530G
45	5.586G	46	5.396G	47	5.589G	48	5.287G
49	5.500G	50	5.315G	51	5.539G	52	5.540G
53	5.334G	54	5.466G	55	5.465G	56	5.555G
57	5.581G	58	5.267G	59	5.410G	60	5.375G
61	5.701G	62	5.645G	63	5.594G	64	5.626G
65	5.454G	66	5.305G	67	5.590G	68	5.694G
69	5.284G	70	5.638G	71	5.273G	72	5.680G
73	5.702G	74	5.639G	75	5.484G	76	5.550G
77	5.278G	78	5.438G	79	5.535G	80	5.526G
81	5.722G	82	5.707G	83	5.522G	84	5.447G
85	5.683G	86	5.406G	87	5.678G	88	5.358G
89	5.617G	90	5.706G	91	5.436G	92	5.714G
93	5.660G	94	5.351G	95	5.402G	96	5.497G
97	5.480G	98	5.663G	99	5.713G	100	5.269G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.589G	2	5.662G	3	5.602G	4	5.557G
5	5.575G	6	5.461G	7	5.443G	8	5.294G
9	5.372G	10	5.291G	11	5.526G	12	5.672G
13	5.644G	14	5.289G	15	5.264G	16	5.360G
17	5.610G	18	5.326G	19	5.684G	20	5.561G
21	5.618G	22	5.688G	23	5.438G	24	5.304G
25	5.624G	26	5.332G	27	5.364G	28	5.702G
29	5.525G	30	5.445G	31	5.272G	32	5.475G
33	5.429G	34	5.677G	35	5.431G	36	5.714G
37	5.275G	38	5.389G	39	5.315G	40	5.280G
41	5.590G	42	5.434G	43	5.604G	44	5.532G
45	5.261G	46	5.587G	47	5.412G	48	5.361G
49	5.358G	50	5.486G	51	5.533G	52	5.630G
53	5.542G	54	5.374G	55	5.351G	56	5.665G
57	5.683G	58	5.596G	59	5.267G	60	5.489G
61	5.416G	62	5.352G	63	5.336G	64	5.674G
65	5.399G	66	5.301G	67	5.371G	68	5.387G
69	5.647G	70	5.340G	71	5.654G	72	5.271G
73	5.685G	74	5.577G	75	5.574G	76	5.478G
77	5.420G	78	5.496G	79	5.257G	80	5.623G
81	5.487G	82	5.333G	83	5.710G	84	5.625G
85	5.617G	86	5.307G	87	5.318G	88	5.638G
89	5.605G	90	5.322G	91	5.699G	92	5.679G
93	5.535G	94	5.527G	95	5.297G	96	5.424G
97	5.641G	98	5.467G	99	5.477G	100	5.276G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.518G	2	5.611G	3	5.629G	4	5.540G
5	5.630G	6	5.673G	7	5.568G	8	5.378G
9	5.512G	10	5.407G	11	5.711G	12	5.601G
13	5.329G	14	5.415G	15	5.443G	16	5.661G
17	5.501G	18	5.499G	19	5.576G	20	5.689G
21	5.348G	22	5.478G	23	5.458G	24	5.579G
25	5.380G	26	5.674G	27	5.347G	28	5.534G
29	5.333G	30	5.383G	31	5.435G	32	5.471G
33	5.385G	34	5.253G	35	5.472G	36	5.353G
37	5.487G	38	5.614G	39	5.721G	40	5.539G
41	5.420G	42	5.362G	43	5.466G	44	5.282G
45	5.529G	46	5.263G	47	5.637G	48	5.621G
49	5.351G	50	5.570G	51	5.488G	52	5.306G
53	5.671G	54	5.408G	55	5.633G	56	5.510G
57	5.557G	58	5.269G	59	5.322G	60	5.467G
61	5.291G	62	5.640G	63	5.642G	64	5.381G
65	5.389G	66	5.558G	67	5.431G	68	5.680G
69	5.354G	70	5.695G	71	5.688G	72	5.427G
73	5.426G	74	5.258G	75	5.251G	76	5.515G
77	5.323G	78	5.361G	79	5.492G	80	5.710G
81	5.702G	82	5.527G	83	5.388G	84	5.503G
85	5.598G	86	5.453G	87	5.548G	88	5.662G
89	5.704G	90	5.668G	91	5.402G	92	5.643G
93	5.394G	94	5.290G	95	5.311G	96	5.699G
97	5.706G	98	5.694G	99	5.410G	100	5.489G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.420G	2	5.403G	3	5.548G	4	5.584G
5	5.472G	6	5.411G	7	5.661G	8	5.601G
9	5.322G	10	5.253G	11	5.308G	12	5.622G
13	5.576G	14	5.633G	15	5.594G	16	5.495G
17	5.712G	18	5.575G	19	5.563G	20	5.337G
21	5.271G	22	5.672G	23	5.266G	24	5.381G
25	5.681G	26	5.690G	27	5.669G	28	5.392G
29	5.254G	30	5.516G	31	5.715G	32	5.566G
33	5.290G	34	5.556G	35	5.532G	36	5.336G
37	5.540G	38	5.390G	39	5.673G	40	5.645G
41	5.686G	42	5.549G	43	5.356G	44	5.410G
45	5.530G	46	5.280G	47	5.528G	48	5.702G
49	5.599G	50	5.391G	51	5.297G	52	5.579G
53	5.568G	54	5.696G	55	5.320G	56	5.508G
57	5.484G	58	5.613G	59	5.502G	60	5.543G
61	5.499G	62	5.349G	63	5.711G	64	5.670G
65	5.574G	66	5.623G	67	5.428G	68	5.317G
69	5.416G	70	5.618G	71	5.314G	72	5.319G
73	5.698G	74	5.635G	75	5.679G	76	5.267G
77	5.358G	78	5.619G	79	5.346G	80	5.450G
81	5.609G	82	5.435G	83	5.550G	84	5.443G
85	5.518G	86	5.287G	87	5.534G	88	5.419G
89	5.475G	90	5.489G	91	5.603G	92	5.680G
93	5.538G	94	5.341G	95	5.463G	96	5.331G
97	5.399G	98	5.637G	99	5.667G	100	5.364G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.354G	2	5.336G	3	5.283G	4	5.655G
5	5.469G	6	5.527G	7	5.309G	8	5.572G
9	5.564G	10	5.505G	11	5.400G	12	5.587G
13	5.619G	14	5.637G	15	5.280G	16	5.367G
17	5.279G	18	5.688G	19	5.609G	20	5.345G
21	5.700G	22	5.436G	23	5.622G	24	5.580G
25	5.255G	26	5.520G	27	5.431G	28	5.329G
29	5.545G	30	5.271G	31	5.602G	32	5.380G
33	5.360G	34	5.429G	35	5.598G	36	5.453G
37	5.583G	38	5.281G	39	5.524G	40	5.645G
41	5.414G	42	5.298G	43	5.390G	44	5.585G
45	5.448G	46	5.424G	47	5.696G	48	5.504G
49	5.326G	50	5.323G	51	5.589G	52	5.487G
53	5.455G	54	5.616G	55	5.514G	56	5.307G
57	5.496G	58	5.608G	59	5.521G	60	5.286G
61	5.672G	62	5.282G	63	5.371G	64	5.349G
65	5.328G	66	5.567G	67	5.327G	68	5.578G
69	5.369G	70	5.321G	71	5.613G	72	5.716G
73	5.267G	74	5.370G	75	5.673G	76	5.407G
77	5.389G	78	5.421G	79	5.356G	80	5.611G
81	5.643G	82	5.657G	83	5.699G	84	5.253G
85	5.712G	86	5.340G	87	5.376G	88	5.477G
89	5.378G	90	5.418G	91	5.275G	92	5.540G
93	5.392G	94	5.676G	95	5.396G	96	5.624G
97	5.517G	98	5.368G	99	5.484G	100	5.684G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.664G	2	5.460G	3	5.659G	4	5.343G
5	5.685G	6	5.409G	7	5.287G	8	5.574G
9	5.470G	10	5.624G	11	5.299G	12	5.720G
13	5.669G	14	5.639G	15	5.551G	16	5.702G
17	5.271G	18	5.462G	19	5.465G	20	5.476G
21	5.492G	22	5.420G	23	5.718G	24	5.693G
25	5.724G	26	5.545G	27	5.339G	28	5.706G
29	5.321G	30	5.378G	31	5.510G	32	5.614G
33	5.331G	34	5.575G	35	5.394G	36	5.477G
37	5.611G	38	5.536G	39	5.534G	40	5.704G
41	5.411G	42	5.711G	43	5.690G	44	5.485G
45	5.435G	46	5.252G	47	5.666G	48	5.600G
49	5.668G	50	5.653G	51	5.604G	52	5.498G
53	5.722G	54	5.509G	55	5.481G	56	5.405G
57	5.424G	58	5.649G	59	5.466G	60	5.585G
61	5.658G	62	5.517G	63	5.601G	64	5.329G
65	5.540G	66	5.334G	67	5.674G	68	5.542G
69	5.401G	70	5.490G	71	5.352G	72	5.277G
73	5.713G	74	5.482G	75	5.274G	76	5.447G
77	5.523G	78	5.276G	79	5.425G	80	5.699G
81	5.721G	82	5.427G	83	5.448G	84	5.302G
85	5.538G	86	5.337G	87	5.641G	88	5.381G
89	5.325G	90	5.261G	91	5.403G	92	5.670G
93	5.644G	94	5.665G	95	5.404G	96	5.500G
97	5.451G	98	5.528G	99	5.322G	100	5.358G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.345G	2	5.384G	3	5.394G	4	5.547G
5	5.378G	6	5.356G	7	5.720G	8	5.596G
9	5.508G	10	5.690G	11	5.400G	12	5.352G
13	5.664G	14	5.296G	15	5.460G	16	5.502G
17	5.343G	18	5.504G	19	5.670G	20	5.362G
21	5.382G	22	5.567G	23	5.526G	24	5.703G
25	5.674G	26	5.270G	27	5.473G	28	5.250G
29	5.580G	30	5.385G	31	5.334G	32	5.489G
33	5.625G	34	5.283G	35	5.263G	36	5.477G
37	5.598G	38	5.582G	39	5.459G	40	5.589G
41	5.509G	42	5.699G	43	5.412G	44	5.609G
45	5.559G	46	5.475G	47	5.524G	48	5.320G
49	5.667G	50	5.338G	51	5.627G	52	5.698G
53	5.479G	54	5.557G	55	5.615G	56	5.466G
57	5.610G	58	5.583G	59	5.455G	60	5.454G
61	5.543G	62	5.576G	63	5.616G	64	5.604G
65	5.324G	66	5.702G	67	5.330G	68	5.676G
69	5.488G	70	5.520G	71	5.271G	72	5.706G
73	5.406G	74	5.588G	75	5.443G	76	5.511G
77	5.465G	78	5.387G	79	5.417G	80	5.512G
81	5.335G	82	5.496G	83	5.642G	84	5.574G
85	5.603G	86	5.534G	87	5.657G	88	5.292G
89	5.717G	90	5.449G	91	5.304G	92	5.656G
93	5.626G	94	5.688G	95	5.364G	96	5.628G
97	5.697G	98	5.350G	99	5.658G	100	5.348G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.411G	2	5.547G	3	5.702G	4	5.252G
5	5.659G	6	5.355G	7	5.596G	8	5.656G
9	5.532G	10	5.356G	11	5.601G	12	5.633G
13	5.721G	14	5.542G	15	5.441G	16	5.629G
17	5.379G	18	5.389G	19	5.323G	20	5.643G
21	5.465G	22	5.717G	23	5.670G	24	5.365G
25	5.417G	26	5.513G	27	5.503G	28	5.570G
29	5.334G	30	5.270G	31	5.398G	32	5.588G
33	5.657G	34	5.452G	35	5.294G	36	5.412G
37	5.700G	38	5.325G	39	5.564G	40	5.257G
41	5.610G	42	5.460G	43	5.283G	44	5.611G
45	5.282G	46	5.260G	47	5.343G	48	5.709G
49	5.472G	50	5.289G	51	5.470G	52	5.706G
53	5.328G	54	5.654G	55	5.397G	56	5.363G
57	5.402G	58	5.671G	59	5.518G	60	5.649G
61	5.451G	62	5.626G	63	5.272G	64	5.304G
65	5.375G	66	5.351G	67	5.307G	68	5.326G
69	5.594G	70	5.651G	71	5.663G	72	5.418G
73	5.707G	74	5.414G	75	5.619G	76	5.530G
77	5.664G	78	5.439G	79	5.624G	80	5.384G
81	5.555G	82	5.300G	83	5.386G	84	5.691G
85	5.288G	86	5.632G	87	5.520G	88	5.722G
89	5.586G	90	5.269G	91	5.424G	92	5.395G
93	5.560G	94	5.646G	95	5.716G	96	5.341G
97	5.362G	98	5.427G	99	5.391G	100	5.303G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.417G	2	5.365G	3	5.601G	4	5.564G
5	5.290G	6	5.484G	7	5.566G	8	5.354G
9	5.353G	10	5.442G	11	5.609G	12	5.406G
13	5.433G	14	5.449G	15	5.559G	16	5.496G
17	5.641G	18	5.412G	19	5.591G	20	5.611G
21	5.326G	22	5.337G	23	5.676G	24	5.687G
25	5.415G	26	5.430G	27	5.432G	28	5.652G
29	5.370G	30	5.578G	31	5.465G	32	5.621G
33	5.457G	34	5.405G	35	5.573G	36	5.256G
37	5.558G	38	5.456G	39	5.283G	40	5.276G
41	5.568G	42	5.670G	43	5.508G	44	5.327G
45	5.581G	46	5.399G	47	5.636G	48	5.532G
49	5.602G	50	5.615G	51	5.369G	52	5.472G
53	5.572G	54	5.653G	55	5.297G	56	5.477G
57	5.500G	58	5.599G	59	5.629G	60	5.460G
61	5.410G	62	5.674G	63	5.693G	64	5.531G
65	5.296G	66	5.541G	67	5.589G	68	5.403G
69	5.631G	70	5.461G	71	5.598G	72	5.625G
73	5.516G	74	5.254G	75	5.660G	76	5.491G
77	5.416G	78	5.646G	79	5.577G	80	5.529G
81	5.525G	82	5.638G	83	5.662G	84	5.350G
85	5.512G	86	5.388G	87	5.614G	88	5.536G
89	5.619G	90	5.690G	91	5.593G	92	5.455G
93	5.264G	94	5.520G	95	5.685G	96	5.413G
97	5.632G	98	5.643G	99	5.282G	100	5.603G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.612G	2	5.274G	3	5.552G	4	5.359G
5	5.553G	6	5.543G	7	5.485G	8	5.311G
9	5.587G	10	5.706G	11	5.287G	12	5.387G
13	5.594G	14	5.582G	15	5.605G	16	5.427G
17	5.418G	18	5.390G	19	5.377G	20	5.662G
21	5.383G	22	5.536G	23	5.677G	24	5.668G
25	5.718G	26	5.614G	27	5.519G	28	5.421G
29	5.547G	30	5.635G	31	5.669G	32	5.570G
33	5.263G	34	5.664G	35	5.623G	36	5.435G
37	5.495G	38	5.498G	39	5.460G	40	5.619G
41	5.264G	42	5.602G	43	5.510G	44	5.404G
45	5.490G	46	5.256G	47	5.684G	48	5.300G
49	5.348G	50	5.566G	51	5.549G	52	5.541G
53	5.618G	54	5.318G	55	5.284G	56	5.397G
57	5.467G	58	5.640G	59	5.285G	60	5.479G
61	5.648G	62	5.610G	63	5.265G	64	5.535G
65	5.534G	66	5.455G	67	5.574G	68	5.441G
69	5.655G	70	5.423G	71	5.279G	72	5.328G
73	5.517G	74	5.641G	75	5.451G	76	5.501G
77	5.252G	78	5.597G	79	5.374G	80	5.569G
81	5.721G	82	5.656G	83	5.341G	84	5.376G
85	5.415G	86	5.317G	87	5.295G	88	5.304G
89	5.537G	90	5.314G	91	5.450G	92	5.557G
93	5.550G	94	5.670G	95	5.690G	96	5.620G
97	5.254G	98	5.522G	99	5.432G	100	5.458G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.380G	2	5.445G	3	5.576G	4	5.560G
5	5.457G	6	5.418G	7	5.489G	8	5.646G
9	5.426G	10	5.614G	11	5.649G	12	5.438G
13	5.497G	14	5.644G	15	5.625G	16	5.591G
17	5.498G	18	5.369G	19	5.311G	20	5.622G
21	5.358G	22	5.302G	23	5.355G	24	5.697G
25	5.709G	26	5.368G	27	5.552G	28	5.548G
29	5.685G	30	5.524G	31	5.465G	32	5.688G
33	5.405G	34	5.605G	35	5.460G	36	5.335G
37	5.331G	38	5.505G	39	5.363G	40	5.563G
41	5.470G	42	5.582G	43	5.458G	44	5.523G
45	5.662G	46	5.365G	47	5.630G	48	5.486G
49	5.250G	50	5.455G	51	5.520G	52	5.569G
53	5.325G	54	5.650G	55	5.522G	56	5.299G
57	5.540G	58	5.714G	59	5.715G	60	5.254G
61	5.553G	62	5.279G	63	5.620G	64	5.281G
65	5.627G	66	5.357G	67	5.496G	68	5.572G
69	5.543G	70	5.463G	71	5.401G	72	5.574G
73	5.600G	74	5.429G	75	5.628G	76	5.260G
77	5.407G	78	5.453G	79	5.444G	80	5.694G
81	5.437G	82	5.675G	83	5.700G	84	5.291G
85	5.512G	86	5.629G	87	5.290G	88	5.270G
89	5.565G	90	5.344G	91	5.718G	92	5.323G
93	5.495G	94	5.603G	95	5.450G	96	5.612G
97	5.280G	98	5.719G	99	5.557G	100	5.268G

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.563G	2	5.642G	3	5.372G	4	5.572G
5	5.578G	6	5.418G	7	5.676G	8	5.483G
9	5.694G	10	5.662G	11	5.716G	12	5.592G
13	5.337G	14	5.712G	15	5.422G	16	5.636G
17	5.438G	18	5.287G	19	5.684G	20	5.272G
21	5.617G	22	5.432G	23	5.277G	24	5.439G
25	5.333G	26	5.350G	27	5.711G	28	5.344G
29	5.656G	30	5.560G	31	5.304G	32	5.370G
33	5.669G	34	5.331G	35	5.252G	36	5.251G
37	5.366G	38	5.323G	39	5.420G	40	5.490G
41	5.649G	42	5.362G	43	5.392G	44	5.608G
45	5.310G	46	5.434G	47	5.714G	48	5.283G
49	5.704G	50	5.404G	51	5.517G	52	5.499G
53	5.546G	54	5.261G	55	5.360G	56	5.280G
57	5.427G	58	5.666G	59	5.410G	60	5.458G
61	5.276G	62	5.335G	63	5.356G	64	5.385G
65	5.322G	66	5.470G	67	5.294G	68	5.543G
69	5.680G	70	5.329G	71	5.532G	72	5.720G
73	5.461G	74	5.553G	75	5.688G	76	5.481G
77	5.568G	78	5.576G	79	5.374G	80	5.256G
81	5.671G	82	5.491G	83	5.633G	84	5.564G
85	5.398G	86	5.500G	87	5.505G	88	5.567G
89	5.495G	90	5.393G	91	5.373G	92	5.632G
93	5.409G	94	5.522G	95	5.437G	96	5.502G
97	5.685G	98	5.612G	99	5.573G	100	5.519G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.489G	2	5.571G	3	5.393G	4	5.598G
5	5.650G	6	5.624G	7	5.654G	8	5.564G
9	5.287G	10	5.443G	11	5.353G	12	5.657G
13	5.366G	14	5.503G	15	5.554G	16	5.326G
17	5.424G	18	5.675G	19	5.269G	20	5.557G
21	5.337G	22	5.670G	23	5.553G	24	5.588G
25	5.599G	26	5.282G	27	5.415G	28	5.418G
29	5.567G	30	5.716G	31	5.298G	32	5.556G
33	5.317G	34	5.688G	35	5.509G	36	5.392G
37	5.608G	38	5.601G	39	5.647G	40	5.649G
41	5.270G	42	5.350G	43	5.345G	44	5.296G
45	5.671G	46	5.404G	47	5.505G	48	5.306G
49	5.607G	50	5.427G	51	5.718G	52	5.289G
53	5.634G	54	5.710G	55	5.702G	56	5.425G
57	5.495G	58	5.271G	59	5.529G	60	5.315G
61	5.661G	62	5.526G	63	5.321G	64	5.410G
65	5.257G	66	5.683G	67	5.706G	68	5.663G
69	5.250G	70	5.723G	71	5.396G	72	5.677G
73	5.515G	74	5.691G	75	5.399G	76	5.689G
77	5.376G	78	5.467G	79	5.347G	80	5.705G
81	5.678G	82	5.627G	83	5.466G	84	5.565G
85	5.385G	86	5.365G	87	5.439G	88	5.267G
89	5.377G	90	5.539G	91	5.534G	92	5.383G
93	5.508G	94	5.431G	95	5.323G	96	5.659G
97	5.400G	98	5.680G	99	5.316G	100	5.699G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.382G	2	5.400G	3	5.476G	4	5.697G
5	5.426G	6	5.680G	7	5.543G	8	5.442G
9	5.626G	10	5.619G	11	5.531G	12	5.319G
13	5.272G	14	5.395G	15	5.291G	16	5.277G
17	5.688G	18	5.270G	19	5.362G	20	5.467G
21	5.523G	22	5.497G	23	5.251G	24	5.407G
25	5.352G	26	5.384G	27	5.428G	28	5.342G
29	5.614G	30	5.710G	31	5.524G	32	5.654G
33	5.677G	34	5.683G	35	5.386G	36	5.616G
37	5.617G	38	5.292G	39	5.695G	40	5.475G
41	5.490G	42	5.454G	43	5.659G	44	5.335G
45	5.371G	46	5.538G	47	5.556G	48	5.557G
49	5.316G	50	5.466G	51	5.372G	52	5.611G
53	5.718G	54	5.436G	55	5.438G	56	5.510G
57	5.686G	58	5.645G	59	5.489G	60	5.553G
61	5.280G	62	5.491G	63	5.274G	64	5.674G
65	5.653G	66	5.551G	67	5.423G	68	5.349G
69	5.392G	70	5.722G	71	5.575G	72	5.624G
73	5.613G	74	5.383G	75	5.615G	76	5.471G
77	5.417G	78	5.281G	79	5.595G	80	5.573G
81	5.608G	82	5.419G	83	5.598G	84	5.664G
85	5.679G	86	5.641G	87	5.540G	88	5.637G
89	5.702G	90	5.343G	91	5.667G	92	5.253G
93	5.321G	94	5.364G	95	5.409G	96	5.561G
97	5.707G	98	5.508G	99	5.685G	100	5.356G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.377G	2	5.589G	3	5.454G	4	5.682G
5	5.313G	6	5.504G	7	5.306G	8	5.370G
9	5.615G	10	5.653G	11	5.384G	12	5.616G
13	5.716G	14	5.696G	15	5.297G	16	5.387G
17	5.348G	18	5.439G	19	5.453G	20	5.644G
21	5.724G	22	5.407G	23	5.328G	24	5.359G
25	5.483G	26	5.463G	27	5.719G	28	5.408G
29	5.674G	30	5.473G	31	5.344G	32	5.425G
33	5.274G	34	5.610G	35	5.540G	36	5.687G
37	5.636G	38	5.266G	39	5.352G	40	5.555G
41	5.464G	42	5.525G	43	5.501G	44	5.646G
45	5.312G	46	5.305G	47	5.595G	48	5.360G
49	5.413G	50	5.356G	51	5.434G	52	5.429G
53	5.336G	54	5.357G	55	5.366G	56	5.427G
57	5.622G	58	5.701G	59	5.523G	60	5.292G
61	5.275G	62	5.564G	63	5.341G	64	5.707G
65	5.685G	66	5.414G	67	5.332G	68	5.588G
69	5.308G	70	5.513G	71	5.524G	72	5.403G
73	5.681G	74	5.368G	75	5.606G	76	5.591G
77	5.449G	78	5.279G	79	5.503G	80	5.694G
81	5.271G	82	5.543G	83	5.367G	84	5.557G
85	5.435G	86	5.537G	87	5.349G	88	5.558G
89	5.605G	90	5.627G	91	5.389G	92	5.396G
93	5.437G	94	5.340G	95	5.268G	96	5.630G
97	5.562G	98	5.346G	99	5.679G	100	5.294G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.378G	2	5.719G	3	5.422G	4	5.329G
5	5.411G	6	5.318G	7	5.646G	8	5.349G
9	5.510G	10	5.714G	11	5.350G	12	5.504G
13	5.691G	14	5.320G	15	5.661G	16	5.484G
17	5.572G	18	5.718G	19	5.531G	20	5.618G
21	5.425G	22	5.538G	23	5.668G	24	5.657G
25	5.544G	26	5.311G	27	5.700G	28	5.452G
29	5.376G	30	5.279G	31	5.302G	32	5.722G
33	5.414G	34	5.590G	35	5.667G	36	5.342G
37	5.312G	38	5.356G	39	5.297G	40	5.662G
41	5.317G	42	5.535G	43	5.251G	44	5.285G
45	5.505G	46	5.332G	47	5.543G	48	5.560G
49	5.467G	50	5.257G	51	5.548G	52	5.582G
53	5.665G	54	5.591G	55	5.357G	56	5.420G
57	5.563G	58	5.717G	59	5.461G	60	5.627G
61	5.341G	62	5.707G	63	5.375G	64	5.589G
65	5.445G	66	5.474G	67	5.512G	68	5.568G
69	5.547G	70	5.486G	71	5.426G	72	5.259G
73	5.671G	74	5.576G	75	5.387G	76	5.579G
77	5.517G	78	5.310G	79	5.592G	80	5.653G
81	5.466G	82	5.565G	83	5.331G	84	5.476G
85	5.701G	86	5.692G	87	5.481G	88	5.479G
89	5.408G	90	5.604G	91	5.715G	92	5.344G
93	5.272G	94	5.608G	95	5.536G	96	5.281G
97	5.315G	98	5.480G	99	5.440G	100	5.261G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.401G	2	5.352G	3	5.339G	4	5.629G
5	5.687G	6	5.510G	7	5.348G	8	5.471G
9	5.674G	10	5.700G	11	5.261G	12	5.462G
13	5.595G	14	5.662G	15	5.574G	16	5.467G
17	5.581G	18	5.383G	19	5.500G	20	5.587G
21	5.689G	22	5.582G	23	5.255G	24	5.532G
25	5.368G	26	5.259G	27	5.442G	28	5.702G
29	5.393G	30	5.490G	31	5.611G	32	5.546G
33	5.615G	34	5.518G	35	5.274G	36	5.279G
37	5.431G	38	5.309G	39	5.356G	40	5.331G
41	5.451G	42	5.686G	43	5.543G	44	5.418G
45	5.667G	46	5.661G	47	5.616G	48	5.487G
49	5.669G	50	5.284G	51	5.627G	52	5.486G
53	5.630G	54	5.570G	55	5.521G	56	5.428G
57	5.400G	58	5.695G	59	5.515G	60	5.460G
61	5.396G	62	5.358G	63	5.604G	64	5.380G
65	5.406G	66	5.256G	67	5.265G	68	5.297G
69	5.290G	70	5.656G	71	5.561G	72	5.267G
73	5.628G	74	5.722G	75	5.642G	76	5.609G
77	5.484G	78	5.676G	79	5.566G	80	5.282G
81	5.386G	82	5.394G	83	5.586G	84	5.575G
85	5.336G	86	5.685G	87	5.552G	88	5.516G
89	5.461G	90	5.567G	91	5.457G	92	5.422G
93	5.449G	94	5.713G	95	5.302G	96	5.250G
97	5.433G	98	5.712G	99	5.533G	100	5.525G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.409G	2	5.399G	3	5.251G	4	5.393G
5	5.709G	6	5.685G	7	5.532G	8	5.495G
9	5.412G	10	5.720G	11	5.669G	12	5.698G
13	5.479G	14	5.677G	15	5.569G	16	5.596G
17	5.395G	18	5.651G	19	5.405G	20	5.376G
21	5.571G	22	5.613G	23	5.696G	24	5.356G
25	5.610G	26	5.667G	27	5.515G	28	5.487G
29	5.471G	30	5.351G	31	5.664G	32	5.327G
33	5.599G	34	5.692G	35	5.468G	36	5.501G
37	5.446G	38	5.308G	39	5.490G	40	5.303G
41	5.713G	42	5.322G	43	5.520G	44	5.317G
45	5.465G	46	5.580G	47	5.604G	48	5.460G
49	5.431G	50	5.470G	51	5.315G	52	5.319G
53	5.708G	54	5.342G	55	5.381G	56	5.316G
57	5.282G	58	5.250G	59	5.557G	60	5.697G
61	5.363G	62	5.589G	63	5.321G	64	5.598G
65	5.287G	66	5.331G	67	5.268G	68	5.408G
69	5.710G	70	5.660G	71	5.404G	72	5.646G
73	5.340G	74	5.297G	75	5.271G	76	5.432G
77	5.518G	78	5.406G	79	5.703G	80	5.592G
81	5.566G	82	5.353G	83	5.284G	84	5.445G
85	5.299G	86	5.424G	87	5.683G	88	5.369G
89	5.550G	90	5.444G	91	5.512G	92	5.307G
93	5.564G	94	5.540G	95	5.705G	96	5.509G
97	5.428G	98	5.633G	99	5.701G	100	5.653G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.367G	2	5.490G	3	5.326G	4	5.454G
5	5.470G	6	5.605G	7	5.270G	8	5.366G
9	5.478G	10	5.424G	11	5.622G	12	5.661G
13	5.432G	14	5.274G	15	5.410G	16	5.328G
17	5.419G	18	5.380G	19	5.597G	20	5.505G
21	5.720G	22	5.452G	23	5.333G	24	5.412G
25	5.488G	26	5.435G	27	5.422G	28	5.322G
29	5.344G	30	5.458G	31	5.281G	32	5.587G
33	5.698G	34	5.382G	35	5.715G	36	5.364G
37	5.372G	38	5.266G	39	5.628G	40	5.306G
41	5.411G	42	5.416G	43	5.378G	44	5.312G
45	5.475G	46	5.285G	47	5.420G	48	5.658G
49	5.425G	50	5.579G	51	5.496G	52	5.295G
53	5.629G	54	5.304G	55	5.559G	56	5.547G
57	5.721G	58	5.684G	59	5.273G	60	5.631G
61	5.623G	62	5.668G	63	5.671G	64	5.486G
65	5.608G	66	5.278G	67	5.705G	68	5.603G
69	5.719G	70	5.716G	71	5.482G	72	5.508G
73	5.392G	74	5.647G	75	5.299G	76	5.405G
77	5.305G	78	5.465G	79	5.469G	80	5.283G
81	5.307G	82	5.619G	83	5.642G	84	5.434G
85	5.355G	86	5.724G	87	5.401G	88	5.492G
89	5.612G	90	5.560G	91	5.691G	92	5.646G
93	5.390G	94	5.568G	95	5.665G	96	5.526G
97	5.580G	98	5.403G	99	5.388G	100	5.672G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.288G	2	5.425G	3	5.343G	4	5.616G
5	5.300G	6	5.641G	7	5.645G	8	5.676G
9	5.413G	10	5.412G	11	5.568G	12	5.632G
13	5.347G	14	5.451G	15	5.549G	16	5.484G
17	5.521G	18	5.717G	19	5.658G	20	5.691G
21	5.265G	22	5.604G	23	5.518G	24	5.318G
25	5.563G	26	5.478G	27	5.388G	28	5.452G
29	5.663G	30	5.690G	31	5.626G	32	5.256G
33	5.485G	34	5.468G	35	5.716G	36	5.293G
37	5.267G	38	5.722G	39	5.527G	40	5.341G
41	5.620G	42	5.697G	43	5.489G	44	5.557G
45	5.607G	46	5.423G	47	5.399G	48	5.580G
49	5.353G	50	5.680G	51	5.714G	52	5.487G
53	5.251G	54	5.491G	55	5.644G	56	5.578G
57	5.342G	58	5.652G	59	5.560G	60	5.622G
61	5.476G	62	5.634G	63	5.661G	64	5.637G
65	5.545G	66	5.421G	67	5.277G	68	5.389G
69	5.314G	70	5.682G	71	5.386G	72	5.286G
73	5.586G	74	5.287G	75	5.316G	76	5.657G
77	5.542G	78	5.282G	79	5.594G	80	5.606G
81	5.540G	82	5.552G	83	5.280G	84	5.350G
85	5.505G	86	5.330G	87	5.623G	88	5.400G
89	5.408G	90	5.684G	91	5.597G	92	5.254G
93	5.638G	94	5.569G	95	5.467G	96	5.270G
97	5.378G	98	5.504G	99	5.259G	100	5.367G

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

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

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.680G	2	5.297G	3	5.388G	4	5.370G
5	5.609G	6	5.686G	7	5.606G	8	5.710G
9	5.589G	10	5.354G	11	5.430G	12	5.471G
13	5.423G	14	5.684G	15	5.288G	16	5.429G
17	5.333G	18	5.623G	19	5.668G	20	5.302G
21	5.419G	22	5.539G	23	5.536G	24	5.284G
25	5.446G	26	5.292G	27	5.564G	28	5.528G
29	5.410G	30	5.708G	31	5.602G	32	5.322G
33	5.295G	34	5.515G	35	5.332G	36	5.622G
37	5.693G	38	5.632G	39	5.489G	40	5.517G
41	5.435G	42	5.385G	43	5.611G	44	5.455G
45	5.462G	46	5.519G	47	5.521G	48	5.301G
49	5.542G	50	5.613G	51	5.683G	52	5.316G
53	5.707G	54	5.360G	55	5.579G	56	5.553G
57	5.397G	58	5.526G	59	5.699G	60	5.503G
61	5.590G	62	5.498G	63	5.518G	64	5.453G
65	5.372G	66	5.488G	67	5.577G	68	5.639G
69	5.492G	70	5.456G	71	5.641G	72	5.464G
73	5.484G	74	5.425G	75	5.353G	76	5.580G
77	5.556G	78	5.607G	79	5.478G	80	5.285G
81	5.296G	82	5.324G	83	5.688G	84	5.251G
85	5.585G	86	5.365G	87	5.624G	88	5.373G
89	5.549G	90	5.627G	91	5.618G	92	5.268G
93	5.311G	94	5.261G	95	5.347G	96	5.374G
97	5.718G	98	5.390G	99	5.593G	100	5.568G

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

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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	5.535G	2	5.402G	3	5.298G	4	5.332G
5	5.476G	6	5.708G	7	5.545G	8	5.551G
9	5.582G	10	5.412G	11	5.596G	12	5.486G
13	5.426G	14	5.301G	15	5.319G	16	5.287G
17	5.587G	18	5.430G	19	5.355G	20	5.536G
21	5.290G	22	5.566G	23	5.711G	24	5.356G
25	5.631G	26	5.336G	27	5.601G	28	5.271G
29	5.468G	30	5.453G	31	5.251G	32	5.433G
33	5.666G	34	5.707G	35	5.345G	36	5.331G
37	5.422G	38	5.717G	39	5.718G	40	5.641G
41	5.366G	42	5.257G	43	5.487G	44	5.300G
45	5.465G	46	5.642G	47	5.550G	48	5.304G
49	5.459G	50	5.665G	51	5.649G	52	5.637G
53	5.388G	54	5.399G	55	5.312G	56	5.383G
57	5.478G	58	5.697G	59	5.305G	60	5.365G
61	5.477G	62	5.524G	63	5.294G	64	5.452G
65	5.363G	66	5.413G	67	5.630G	68	5.714G
69	5.603G	70	5.466G	71	5.616G	72	5.647G
73	5.334G	74	5.589G	75	5.326G	76	5.639G
77	5.497G	78	5.450G	79	5.333G	80	5.713G
81	5.599G	82	5.560G	83	5.607G	84	5.618G
85	5.340G	86	5.364G	87	5.663G	88	5.261G
89	5.505G	90	5.283G	91	5.588G	92	5.720G
93	5.414G	94	5.427G	95	5.438G	96	5.712G
97	5.425G	98	5.349G	99	5.499G	100	5.403G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.251G	2	5.649G	3	5.369G	4	5.261G
5	5.619G	6	5.545G	7	5.703G	8	5.676G
9	5.602G	10	5.278G	11	5.375G	12	5.397G
13	5.490G	14	5.531G	15	5.640G	16	5.558G
17	5.717G	18	5.630G	19	5.380G	20	5.565G
21	5.359G	22	5.333G	23	5.418G	24	5.396G
25	5.349G	26	5.600G	27	5.544G	28	5.496G
29	5.701G	30	5.347G	31	5.455G	32	5.585G
33	5.561G	34	5.711G	35	5.686G	36	5.636G
37	5.289G	38	5.429G	39	5.501G	40	5.290G
41	5.410G	42	5.540G	43	5.681G	44	5.625G
45	5.554G	46	5.340G	47	5.454G	48	5.567G
49	5.707G	50	5.674G	51	5.553G	52	5.394G
53	5.297G	54	5.448G	55	5.385G	56	5.460G
57	5.318G	58	5.715G	59	5.291G	60	5.712G
61	5.641G	62	5.720G	63	5.425G	64	5.646G
65	5.689G	66	5.427G	67	5.586G	68	5.588G
69	5.581G	70	5.323G	71	5.507G	72	5.650G
73	5.690G	74	5.479G	75	5.469G	76	5.500G
77	5.504G	78	5.405G	79	5.537G	80	5.428G
81	5.685G	82	5.461G	83	5.672G	84	5.401G
85	5.563G	86	5.327G	87	5.644G	88	5.363G
89	5.373G	90	5.258G	91	5.663G	92	5.660G
93	5.276G	94	5.325G	95	5.627G	96	5.417G
97	5.530G	98	5.266G	99	5.528G	100	5.502G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.316G	2	5.686G	3	5.692G	4	5.305G
5	5.275G	6	5.441G	7	5.513G	8	5.440G
9	5.326G	10	5.529G	11	5.250G	12	5.501G
13	5.588G	14	5.627G	15	5.722G	16	5.261G
17	5.330G	18	5.591G	19	5.468G	20	5.271G
21	5.531G	22	5.351G	23	5.465G	24	5.607G
25	5.471G	26	5.548G	27	5.642G	28	5.325G
29	5.389G	30	5.599G	31	5.407G	32	5.322G
33	5.714G	34	5.724G	35	5.400G	36	5.605G
37	5.260G	38	5.547G	39	5.331G	40	5.672G
41	5.597G	42	5.562G	43	5.620G	44	5.629G
45	5.542G	46	5.690G	47	5.259G	48	5.286G
49	5.600G	50	5.309G	51	5.563G	52	5.549G
53	5.558G	54	5.299G	55	5.626G	56	5.422G
57	5.602G	58	5.337G	59	5.504G	60	5.392G
61	5.613G	62	5.433G	63	5.452G	64	5.696G
65	5.252G	66	5.383G	67	5.572G	68	5.656G
69	5.293G	70	5.365G	71	5.649G	72	5.723G
73	5.451G	74	5.262G	75	5.567G	76	5.674G
77	5.522G	78	5.544G	79	5.699G	80	5.508G
81	5.583G	82	5.315G	83	5.334G	84	5.298G
85	5.614G	86	5.658G	87	5.323G	88	5.346G
89	5.374G	90	5.590G	91	5.594G	92	5.476G
93	5.413G	94	5.551G	95	5.650G	96	5.523G
97	5.669G	98	5.500G	99	5.716G	100	5.593G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.385G	2	5.591G	3	5.433G	4	5.699G
5	5.502G	6	5.282G	7	5.424G	8	5.265G
9	5.422G	10	5.373G	11	5.530G	12	5.412G
13	5.345G	14	5.561G	15	5.435G	16	5.462G
17	5.442G	18	5.250G	19	5.318G	20	5.715G
21	5.621G	22	5.516G	23	5.481G	24	5.714G
25	5.529G	26	5.286G	27	5.566G	28	5.323G
29	5.464G	30	5.383G	31	5.608G	32	5.639G
33	5.348G	34	5.582G	35	5.706G	36	5.620G
37	5.466G	38	5.631G	39	5.717G	40	5.573G
41	5.347G	42	5.691G	43	5.275G	44	5.483G
45	5.315G	46	5.523G	47	5.568G	48	5.463G
49	5.476G	50	5.534G	51	5.317G	52	5.284G
53	5.423G	54	5.254G	55	5.332G	56	5.640G
57	5.603G	58	5.654G	59	5.576G	60	5.262G
61	5.280G	62	5.703G	63	5.301G	64	5.436G
65	5.610G	66	5.434G	67	5.685G	68	5.616G
69	5.387G	70	5.470G	71	5.330G	72	5.428G
73	5.296G	74	5.291G	75	5.549G	76	5.276G
77	5.594G	78	5.689G	79	5.267G	80	5.690G
81	5.599G	82	5.429G	83	5.356G	84	5.587G
85	5.398G	86	5.473G	87	5.513G	88	5.693G
89	5.310G	90	5.520G	91	5.577G	92	5.545G
93	5.477G	94	5.515G	95	5.606G	96	5.361G
97	5.415G	98	5.698G	99	5.498G	100	5.510G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.358G	2	5.658G	3	5.354G	4	5.372G
5	5.550G	6	5.525G	7	5.579G	8	5.647G
9	5.518G	10	5.394G	11	5.356G	12	5.415G
13	5.322G	14	5.700G	15	5.651G	16	5.563G
17	5.431G	18	5.385G	19	5.328G	20	5.672G
21	5.392G	22	5.355G	23	5.570G	24	5.479G
25	5.664G	26	5.635G	27	5.617G	28	5.270G
29	5.440G	30	5.414G	31	5.606G	32	5.682G
33	5.549G	34	5.588G	35	5.695G	36	5.452G
37	5.374G	38	5.559G	39	5.703G	40	5.701G
41	5.624G	42	5.537G	43	5.508G	44	5.375G
45	5.653G	46	5.276G	47	5.684G	48	5.277G
49	5.482G	50	5.556G	51	5.584G	52	5.282G
53	5.611G	54	5.543G	55	5.316G	56	5.273G
57	5.503G	58	5.349G	59	5.678G	60	5.410G
61	5.267G	62	5.306G	63	5.548G	64	5.654G
65	5.445G	66	5.724G	67	5.396G	68	5.447G
69	5.329G	70	5.425G	71	5.387G	72	5.586G
73	5.324G	74	5.620G	75	5.417G	76	5.319G
77	5.313G	78	5.459G	79	5.451G	80	5.421G
81	5.511G	82	5.619G	83	5.285G	84	5.542G
85	5.453G	86	5.428G	87	5.468G	88	5.480G
89	5.429G	90	5.310G	91	5.411G	92	5.448G
93	5.325G	94	5.297G	95	5.572G	96	5.281G
97	5.561G	98	5.659G	99	5.569G	100	5.521G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.394G	2	5.289G	3	5.645G	4	5.667G
5	5.420G	6	5.352G	7	5.353G	8	5.290G
9	5.448G	10	5.670G	11	5.358G	12	5.585G
13	5.265G	14	5.408G	15	5.678G	16	5.472G
17	5.364G	18	5.582G	19	5.703G	20	5.580G
21	5.518G	22	5.621G	23	5.513G	24	5.396G
25	5.275G	26	5.418G	27	5.575G	28	5.471G
29	5.467G	30	5.455G	31	5.308G	32	5.708G
33	5.700G	34	5.500G	35	5.571G	36	5.525G
37	5.337G	38	5.348G	39	5.536G	40	5.336G
41	5.551G	42	5.261G	43	5.521G	44	5.487G
45	5.557G	46	5.681G	47	5.382G	48	5.403G
49	5.359G	50	5.690G	51	5.318G	52	5.574G
53	5.281G	54	5.566G	55	5.414G	56	5.317G
57	5.586G	58	5.385G	59	5.459G	60	5.313G
61	5.613G	62	5.631G	63	5.538G	64	5.442G
65	5.590G	66	5.558G	67	5.428G	68	5.578G
69	5.535G	70	5.517G	71	5.433G	72	5.559G
73	5.677G	74	5.691G	75	5.473G	76	5.469G
77	5.599G	78	5.392G	79	5.541G	80	5.653G
81	5.682G	82	5.456G	83	5.625G	84	5.616G
85	5.399G	86	5.272G	87	5.496G	88	5.411G
89	5.381G	90	5.393G	91	5.506G	92	5.283G
93	5.342G	94	5.479G	95	5.371G	96	5.252G
97	5.465G	98	5.633G	99	5.269G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.308G	2	5.673G	3	5.366G	4	5.648G
5	5.408G	6	5.621G	7	5.392G	8	5.256G
9	5.422G	10	5.656G	11	5.470G	12	5.521G
13	5.596G	14	5.680G	15	5.572G	16	5.667G
17	5.549G	18	5.700G	19	5.279G	20	5.571G
21	5.277G	22	5.636G	23	5.443G	24	5.281G
25	5.375G	26	5.580G	27	5.565G	28	5.266G
29	5.463G	30	5.452G	31	5.482G	32	5.660G
33	5.329G	34	5.650G	35	5.670G	36	5.664G
37	5.260G	38	5.330G	39	5.698G	40	5.410G
41	5.251G	42	5.646G	43	5.315G	44	5.609G
45	5.373G	46	5.458G	47	5.320G	48	5.582G
49	5.694G	50	5.341G	51	5.287G	52	5.714G
53	5.661G	54	5.466G	55	5.359G	56	5.491G
57	5.424G	58	5.498G	59	5.530G	60	5.446G
61	5.444G	62	5.400G	63	5.334G	64	5.501G
65	5.409G	66	5.562G	67	5.434G	68	5.632G
69	5.387G	70	5.263G	71	5.261G	72	5.432G
73	5.425G	74	5.720G	75	5.706G	76	5.524G
77	5.355G	78	5.456G	79	5.701G	80	5.693G
81	5.289G	82	5.404G	83	5.475G	84	5.622G
85	5.257G	86	5.390G	87	5.647G	88	5.325G
89	5.711G	90	5.445G	91	5.433G	92	5.652G
93	5.573G	94	5.613G	95	5.327G	96	5.547G
97	5.310G	98	5.585G	99	5.286G	100	5.303G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.285G	2	5.444G	3	5.326G	4	5.309G
5	5.311G	6	5.345G	7	5.536G	8	5.467G
9	5.542G	10	5.520G	11	5.433G	12	5.579G
13	5.721G	14	5.713G	15	5.510G	16	5.541G
17	5.458G	18	5.512G	19	5.578G	20	5.556G
21	5.616G	22	5.660G	23	5.399G	24	5.532G
25	5.653G	26	5.405G	27	5.658G	28	5.515G
29	5.251G	30	5.355G	31	5.293G	32	5.477G
33	5.455G	34	5.528G	35	5.593G	36	5.564G
37	5.557G	38	5.563G	39	5.531G	40	5.630G
41	5.320G	42	5.697G	43	5.476G	44	5.302G
45	5.489G	46	5.581G	47	5.333G	48	5.313G
49	5.432G	50	5.626G	51	5.254G	52	5.436G
53	5.475G	54	5.454G	55	5.665G	56	5.673G
57	5.442G	58	5.537G	59	5.567G	60	5.632G
61	5.325G	62	5.577G	63	5.628G	64	5.495G
65	5.580G	66	5.704G	67	5.678G	68	5.688G
69	5.386G	70	5.396G	71	5.618G	72	5.344G
73	5.452G	74	5.546G	75	5.301G	76	5.514G
77	5.256G	78	5.633G	79	5.722G	80	5.529G
81	5.440G	82	5.362G	83	5.420G	84	5.394G
85	5.573G	86	5.290G	87	5.694G	88	5.282G
89	5.592G	90	5.353G	91	5.272G	92	5.634G
93	5.698G	94	5.462G	95	5.613G	96	5.620G
97	5.416G	98	5.297G	99	5.691G	100	5.487G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.508G	2	5.346G	3	5.303G	4	5.286G
5	5.437G	6	5.408G	7	5.298G	8	5.549G
9	5.397G	10	5.322G	11	5.270G	12	5.272G
13	5.646G	14	5.311G	15	5.716G	16	5.485G
17	5.497G	18	5.634G	19	5.667G	20	5.671G
21	5.501G	22	5.307G	23	5.459G	24	5.419G
25	5.365G	26	5.464G	27	5.584G	28	5.364G
29	5.334G	30	5.656G	31	5.543G	32	5.521G
33	5.489G	34	5.502G	35	5.342G	36	5.635G
37	5.627G	38	5.592G	39	5.523G	40	5.426G
41	5.591G	42	5.544G	43	5.341G	44	5.469G
45	5.524G	46	5.609G	47	5.271G	48	5.654G
49	5.675G	50	5.321G	51	5.615G	52	5.641G
53	5.405G	54	5.666G	55	5.491G	56	5.710G
57	5.717G	58	5.664G	59	5.329G	60	5.660G
61	5.577G	62	5.446G	63	5.561G	64	5.566G
65	5.253G	66	5.257G	67	5.551G	68	5.522G
69	5.579G	70	5.440G	71	5.503G	72	5.345G
73	5.277G	74	5.331G	75	5.714G	76	5.434G
77	5.269G	78	5.505G	79	5.455G	80	5.355G
81	5.336G	82	5.273G	83	5.417G	84	5.393G
85	5.388G	86	5.688G	87	5.594G	88	5.389G
89	5.538G	90	5.353G	91	5.700G	92	5.465G
93	5.262G	94	5.320G	95	5.471G	96	5.556G
97	5.259G	98	5.631G	99	5.348G	100	5.665G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.659G	2	5.453G	3	5.536G	4	5.676G
5	5.670G	6	5.388G	7	5.665G	8	5.620G
9	5.712G	10	5.521G	11	5.498G	12	5.390G
13	5.287G	14	5.556G	15	5.517G	16	5.658G
17	5.429G	18	5.431G	19	5.621G	20	5.439G
21	5.662G	22	5.389G	23	5.654G	24	5.603G
25	5.667G	26	5.321G	27	5.680G	28	5.546G
29	5.355G	30	5.497G	31	5.347G	32	5.524G
33	5.594G	34	5.293G	35	5.681G	36	5.471G
37	5.479G	38	5.445G	39	5.501G	40	5.565G
41	5.465G	42	5.644G	43	5.318G	44	5.528G
45	5.559G	46	5.394G	47	5.459G	48	5.635G
49	5.505G	50	5.299G	51	5.475G	52	5.691G
53	5.645G	54	5.278G	55	5.408G	56	5.558G
57	5.477G	58	5.441G	59	5.529G	60	5.396G
61	5.375G	62	5.469G	63	5.418G	64	5.480G
65	5.452G	66	5.298G	67	5.678G	68	5.512G
69	5.409G	70	5.447G	71	5.376G	72	5.307G
73	5.564G	74	5.423G	75	5.379G	76	5.400G
77	5.547G	78	5.382G	79	5.345G	80	5.496G
81	5.401G	82	5.325G	83	5.683G	84	5.332G
85	5.304G	86	5.701G	87	5.548G	88	5.342G
89	5.655G	90	5.327G	91	5.508G	92	5.254G
93	5.258G	94	5.357G	95	5.463G	96	5.435G
97	5.301G	98	5.708G	99	5.618G	100	5.297G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.316G	2	5.404G	3	5.624G	4	5.454G
5	5.263G	6	5.330G	7	5.572G	8	5.532G
9	5.503G	10	5.614G	11	5.707G	12	5.412G
13	5.618G	14	5.575G	15	5.448G	16	5.351G
17	5.406G	18	5.547G	19	5.577G	20	5.569G
21	5.376G	22	5.613G	23	5.643G	24	5.579G
25	5.447G	26	5.266G	27	5.367G	28	5.265G
29	5.606G	30	5.669G	31	5.558G	32	5.358G
33	5.502G	34	5.476G	35	5.481G	36	5.642G
37	5.600G	38	5.418G	39	5.550G	40	5.645G
41	5.523G	42	5.437G	43	5.453G	44	5.524G
45	5.622G	46	5.280G	47	5.264G	48	5.342G
49	5.430G	50	5.713G	51	5.682G	52	5.269G
53	5.449G	54	5.321G	55	5.590G	56	5.631G
57	5.255G	58	5.472G	59	5.702G	60	5.318G
61	5.508G	62	5.274G	63	5.288G	64	5.357G
65	5.360G	66	5.258G	67	5.279G	68	5.320G
69	5.607G	70	5.599G	71	5.662G	72	5.663G
73	5.535G	74	5.644G	75	5.582G	76	5.323G
77	5.259G	78	5.562G	79	5.700G	80	5.254G
81	5.424G	82	5.470G	83	5.295G	84	5.422G
85	5.268G	86	5.671G	87	5.278G	88	5.300G
89	5.468G	90	5.655G	91	5.705G	92	5.681G
93	5.564G	94	5.639G	95	5.377G	96	5.593G
97	5.666G	98	5.561G	99	5.276G	100	5.591G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.343G	2	5.703G	3	5.394G	4	5.647G
5	5.627G	6	5.358G	7	5.644G	8	5.603G
9	5.447G	10	5.409G	11	5.401G	12	5.488G
13	5.593G	14	5.519G	15	5.676G	16	5.296G
17	5.272G	18	5.653G	19	5.481G	20	5.311G
21	5.589G	22	5.559G	23	5.566G	24	5.673G
25	5.346G	26	5.367G	27	5.441G	28	5.424G
29	5.495G	30	5.650G	31	5.430G	32	5.724G
33	5.463G	34	5.619G	35	5.373G	36	5.558G
37	5.422G	38	5.662G	39	5.251G	40	5.639G
41	5.705G	42	5.563G	43	5.538G	44	5.316G
45	5.544G	46	5.382G	47	5.266G	48	5.686G
49	5.278G	50	5.670G	51	5.572G	52	5.530G
53	5.339G	54	5.492G	55	5.557G	56	5.298G
57	5.623G	58	5.338G	59	5.458G	60	5.476G
61	5.661G	62	5.267G	63	5.315G	64	5.370G
65	5.626G	66	5.482G	67	5.534G	68	5.551G
69	5.319G	70	5.421G	71	5.528G	72	5.561G
73	5.383G	74	5.377G	75	5.465G	76	5.432G
77	5.720G	78	5.342G	79	5.689G	80	5.548G
81	5.655G	82	5.438G	83	5.380G	84	5.709G
85	5.460G	86	5.448G	87	5.384G	88	5.514G
89	5.549G	90	5.402G	91	5.602G	92	5.352G
93	5.359G	94	5.609G	95	5.633G	96	5.364G
97	5.607G	98	5.590G	99	5.407G	100	5.462G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.466G	2	5.314G	3	5.323G	4	5.635G
5	5.402G	6	5.423G	7	5.358G	8	5.604G
9	5.648G	10	5.439G	11	5.620G	12	5.708G
13	5.628G	14	5.690G	15	5.424G	16	5.403G
17	5.564G	18	5.361G	19	5.665G	20	5.583G
21	5.366G	22	5.302G	23	5.525G	24	5.522G
25	5.420G	26	5.512G	27	5.474G	28	5.523G
29	5.321G	30	5.250G	31	5.540G	32	5.328G
33	5.477G	34	5.457G	35	5.542G	36	5.253G
37	5.497G	38	5.683G	39	5.552G	40	5.715G
41	5.666G	42	5.608G	43	5.623G	44	5.629G
45	5.263G	46	5.602G	47	5.450G	48	5.311G
49	5.404G	50	5.646G	51	5.471G	52	5.536G
53	5.720G	54	5.518G	55	5.719G	56	5.460G
57	5.360G	58	5.687G	59	5.722G	60	5.619G
61	5.492G	62	5.346G	63	5.544G	64	5.344G
65	5.528G	66	5.354G	67	5.721G	68	5.698G
69	5.484G	70	5.348G	71	5.572G	72	5.393G
73	5.689G	74	5.711G	75	5.654G	76	5.613G
77	5.283G	78	5.538G	79	5.418G	80	5.611G
81	5.485G	82	5.469G	83	5.388G	84	5.335G
85	5.669G	86	5.427G	87	5.412G	88	5.455G
89	5.332G	90	5.487G	91	5.449G	92	5.678G
93	5.632G	94	5.338G	95	5.432G	96	5.504G
97	5.520G	98	5.470G	99	5.500G	100	5.428G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.540G	2	5.449G	3	5.622G	4	5.530G
5	5.509G	6	5.350G	7	5.488G	8	5.569G
9	5.693G	10	5.487G	11	5.485G	12	5.251G
13	5.695G	14	5.675G	15	5.550G	16	5.334G
17	5.628G	18	5.535G	19	5.720G	20	5.701G
21	5.699G	22	5.478G	23	5.655G	24	5.341G
25	5.654G	26	5.352G	27	5.708G	28	5.447G
29	5.328G	30	5.336G	31	5.515G	32	5.403G
33	5.598G	34	5.296G	35	5.546G	36	5.282G
37	5.346G	38	5.666G	39	5.484G	40	5.513G
41	5.713G	42	5.514G	43	5.662G	44	5.656G
45	5.644G	46	5.721G	47	5.364G	48	5.454G
49	5.674G	50	5.265G	51	5.672G	52	5.587G
53	5.359G	54	5.639G	55	5.706G	56	5.638G
57	5.599G	58	5.386G	59	5.457G	60	5.294G
61	5.254G	62	5.529G	63	5.337G	64	5.480G
65	5.678G	66	5.559G	67	5.261G	68	5.422G
69	5.583G	70	5.537G	71	5.410G	72	5.344G
73	5.327G	74	5.521G	75	5.277G	76	5.305G
77	5.290G	78	5.605G	79	5.533G	80	5.353G
81	5.641G	82	5.349G	83	5.499G	84	5.565G
85	5.579G	86	5.420G	87	5.707G	88	5.646G
89	5.596G	90	5.582G	91	5.635G	92	5.433G
93	5.711G	94	5.459G	95	5.534G	96	5.303G
97	5.524G	98	5.681G	99	5.627G	100	5.613G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.301G	2	5.505G	3	5.265G	4	5.485G
5	5.550G	6	5.349G	7	5.316G	8	5.470G
9	5.627G	10	5.366G	11	5.471G	12	5.539G
13	5.309G	14	5.636G	15	5.711G	16	5.284G
17	5.306G	18	5.395G	19	5.436G	20	5.659G
21	5.575G	22	5.484G	23	5.500G	24	5.332G
25	5.561G	26	5.553G	27	5.262G	28	5.647G
29	5.540G	30	5.579G	31	5.653G	32	5.251G
33	5.466G	34	5.684G	35	5.313G	36	5.281G
37	5.267G	38	5.544G	39	5.298G	40	5.695G
41	5.681G	42	5.386G	43	5.558G	44	5.261G
45	5.346G	46	5.568G	47	5.438G	48	5.430G
49	5.319G	50	5.644G	51	5.382G	52	5.518G
53	5.541G	54	5.421G	55	5.677G	56	5.414G
57	5.616G	58	5.578G	59	5.720G	60	5.638G
61	5.486G	62	5.546G	63	5.478G	64	5.517G
65	5.560G	66	5.428G	67	5.519G	68	5.499G
69	5.288G	70	5.714G	71	5.282G	72	5.441G
73	5.353G	74	5.672G	75	5.591G	76	5.479G
77	5.705G	78	5.297G	79	5.619G	80	5.723G
81	5.658G	82	5.721G	83	5.435G	84	5.675G
85	5.700G	86	5.585G	87	5.339G	88	5.426G
89	5.437G	90	5.280G	91	5.256G	92	5.532G
93	5.701G	94	5.463G	95	5.460G	96	5.375G
97	5.376G	98	5.458G	99	5.640G	100	5.496G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.588G	2	5.707G	3	5.720G	4	5.591G
5	5.308G	6	5.333G	7	5.286G	8	5.350G
9	5.504G	10	5.561G	11	5.704G	12	5.605G
13	5.390G	14	5.282G	15	5.476G	16	5.649G
17	5.721G	18	5.658G	19	5.345G	20	5.668G
21	5.432G	22	5.278G	23	5.509G	24	5.694G
25	5.391G	26	5.410G	27	5.678G	28	5.530G
29	5.298G	30	5.344G	31	5.445G	32	5.471G
33	5.319G	34	5.565G	35	5.408G	36	5.315G
37	5.338G	38	5.253G	39	5.367G	40	5.265G
41	5.631G	42	5.570G	43	5.487G	44	5.593G
45	5.623G	46	5.663G	47	5.423G	48	5.634G
49	5.449G	50	5.574G	51	5.544G	52	5.587G
53	5.535G	54	5.452G	55	5.321G	56	5.275G
57	5.701G	58	5.435G	59	5.717G	60	5.279G
61	5.690G	62	5.371G	63	5.488G	64	5.566G
65	5.643G	66	5.576G	67	5.546G	68	5.705G
69	5.414G	70	5.621G	71	5.636G	72	5.484G
73	5.503G	74	5.558G	75	5.686G	76	5.722G
77	5.715G	78	5.502G	79	5.392G	80	5.347G
81	5.608G	82	5.250G	83	5.600G	84	5.334G
85	5.339G	86	5.364G	87	5.569G	88	5.357G
89	5.675G	90	5.472G	91	5.567G	92	5.374G
93	5.403G	94	5.699G	95	5.362G	96	5.537G
97	5.311G	98	5.343G	99	5.650G	100	5.555G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.690G	2	5.487G	3	5.285G	4	5.648G
5	5.267G	6	5.338G	7	5.673G	8	5.310G
9	5.288G	10	5.483G	11	5.650G	12	5.424G
13	5.539G	14	5.598G	15	5.698G	16	5.265G
17	5.519G	18	5.490G	19	5.676G	20	5.647G
21	5.257G	22	5.608G	23	5.614G	24	5.666G
25	5.451G	26	5.254G	27	5.712G	28	5.606G
29	5.723G	30	5.499G	31	5.324G	32	5.553G
33	5.497G	34	5.272G	35	5.315G	36	5.458G
37	5.348G	38	5.672G	39	5.280G	40	5.558G
41	5.473G	42	5.302G	43	5.459G	44	5.560G
45	5.296G	46	5.300G	47	5.652G	48	5.428G
49	5.599G	50	5.589G	51	5.529G	52	5.692G
53	5.467G	54	5.478G	55	5.354G	56	5.564G
57	5.531G	58	5.275G	59	5.603G	60	5.311G
61	5.260G	62	5.349G	63	5.510G	64	5.373G
65	5.667G	66	5.290G	67	5.375G	68	5.506G
69	5.668G	70	5.332G	71	5.404G	72	5.520G
73	5.575G	74	5.489G	75	5.621G	76	5.441G
77	5.664G	78	5.586G	79	5.552G	80	5.496G
81	5.425G	82	5.472G	83	5.357G	84	5.536G
85	5.393G	86	5.457G	87	5.572G	88	5.535G
89	5.378G	90	5.268G	91	5.699G	92	5.377G
93	5.480G	94	5.581G	95	5.573G	96	5.611G
97	5.471G	98	5.509G	99	5.513G	100	5.319G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.325G	2	5.563G	3	5.455G	4	5.630G
5	5.525G	6	5.648G	7	5.548G	8	5.524G
9	5.306G	10	5.541G	11	5.280G	12	5.565G
13	5.542G	14	5.573G	15	5.713G	16	5.580G
17	5.523G	18	5.321G	19	5.701G	20	5.667G
21	5.597G	22	5.463G	23	5.634G	24	5.356G
25	5.299G	26	5.711G	27	5.359G	28	5.687G
29	5.399G	30	5.273G	31	5.488G	32	5.503G
33	5.386G	34	5.486G	35	5.394G	36	5.544G
37	5.368G	38	5.333G	39	5.665G	40	5.708G
41	5.676G	42	5.329G	43	5.406G	44	5.417G
45	5.454G	46	5.537G	47	5.621G	48	5.611G
49	5.578G	50	5.252G	51	5.268G	52	5.722G
53	5.496G	54	5.291G	55	5.579G	56	5.489G
57	5.624G	58	5.606G	59	5.593G	60	5.427G
61	5.476G	62	5.391G	63	5.532G	64	5.587G
65	5.487G	66	5.363G	67	5.664G	68	5.655G
69	5.613G	70	5.313G	71	5.436G	72	5.513G
73	5.279G	74	5.691G	75	5.590G	76	5.435G
77	5.439G	78	5.440G	79	5.446G	80	5.308G
81	5.253G	82	5.408G	83	5.650G	84	5.259G
85	5.412G	86	5.416G	87	5.540G	88	5.658G
89	5.376G	90	5.632G	91	5.522G	92	5.596G
93	5.304G	94	5.601G	95	5.347G	96	5.604G
97	5.344G	98	5.478G	99	5.492G	100	5.560G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.319G	2	5.648G	3	5.443G	4	5.692G
5	5.408G	6	5.393G	7	5.441G	8	5.474G
9	5.719G	10	5.487G	11	5.310G	12	5.676G
13	5.354G	14	5.661G	15	5.262G	16	5.632G
17	5.666G	18	5.270G	19	5.498G	20	5.430G
21	5.413G	22	5.271G	23	5.656G	24	5.530G
25	5.294G	26	5.452G	27	5.276G	28	5.569G
29	5.668G	30	5.615G	31	5.672G	32	5.709G
33	5.394G	34	5.395G	35	5.345G	36	5.533G
37	5.613G	38	5.491G	39	5.586G	40	5.253G
41	5.657G	42	5.694G	43	5.600G	44	5.477G
45	5.689G	46	5.675G	47	5.274G	48	5.599G
49	5.431G	50	5.400G	51	5.280G	52	5.715G
53	5.448G	54	5.571G	55	5.460G	56	5.398G
57	5.316G	58	5.378G	59	5.500G	60	5.515G
61	5.698G	62	5.557G	63	5.311G	64	5.440G
65	5.309G	66	5.290G	67	5.330G	68	5.284G
69	5.559G	70	5.273G	71	5.371G	72	5.453G
73	5.503G	74	5.495G	75	5.417G	76	5.547G
77	5.708G	78	5.301G	79	5.622G	80	5.588G
81	5.664G	82	5.362G	83	5.561G	84	5.267G
85	5.568G	86	5.397G	87	5.458G	88	5.295G
89	5.690G	90	5.540G	91	5.532G	92	5.505G
93	5.320G	94	5.518G	95	5.511G	96	5.281G
97	5.450G	98	5.361G	99	5.426G	100	5.634G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.691G	2	5.717G	3	5.450G	4	5.700G
5	5.553G	6	5.415G	7	5.428G	8	5.559G
9	5.489G	10	5.502G	11	5.673G	12	5.532G
13	5.621G	14	5.469G	15	5.472G	16	5.465G
17	5.591G	18	5.456G	19	5.409G	20	5.387G
21	5.685G	22	5.401G	23	5.603G	24	5.618G
25	5.707G	26	5.584G	27	5.370G	28	5.544G
29	5.645G	30	5.662G	31	5.437G	32	5.435G
33	5.572G	34	5.580G	35	5.672G	36	5.596G
37	5.349G	38	5.281G	39	5.496G	40	5.393G
41	5.327G	42	5.451G	43	5.430G	44	5.699G
45	5.703G	46	5.551G	47	5.288G	48	5.718G
49	5.622G	50	5.431G	51	5.461G	52	5.276G
53	5.309G	54	5.545G	55	5.498G	56	5.525G
57	5.391G	58	5.670G	59	5.442G	60	5.563G
61	5.318G	62	5.364G	63	5.512G	64	5.466G
65	5.595G	66	5.501G	67	5.271G	68	5.615G
69	5.632G	70	5.273G	71	5.439G	72	5.333G
73	5.254G	74	5.310G	75	5.692G	76	5.354G
77	5.447G	78	5.306G	79	5.606G	80	5.488G
81	5.448G	82	5.716G	83	5.267G	84	5.627G
85	5.289G	86	5.623G	87	5.417G	88	5.256G
89	5.416G	90	5.305G	91	5.613G	92	5.687G
93	5.445G	94	5.485G	95	5.720G	96	5.402G
97	5.343G	98	5.484G	99	5.347G	100	5.339G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.621G	2	5.360G	3	5.405G	4	5.389G
5	5.387G	6	5.470G	7	5.660G	8	5.295G
9	5.401G	10	5.437G	11	5.649G	12	5.502G
13	5.674G	14	5.579G	15	5.626G	16	5.549G
17	5.625G	18	5.522G	19	5.264G	20	5.336G
21	5.416G	22	5.407G	23	5.672G	24	5.353G
25	5.509G	26	5.447G	27	5.706G	28	5.500G
29	5.261G	30	5.678G	31	5.287G	32	5.311G
33	5.257G	34	5.335G	35	5.651G	36	5.344G
37	5.299G	38	5.544G	39	5.536G	40	5.448G
41	5.481G	42	5.435G	43	5.350G	44	5.539G
45	5.497G	46	5.573G	47	5.514G	48	5.356G
49	5.263G	50	5.523G	51	5.701G	52	5.320G
53	5.719G	54	5.298G	55	5.562G	56	5.477G
57	5.363G	58	5.276G	59	5.630G	60	5.426G
61	5.288G	62	5.357G	63	5.458G	64	5.354G
65	5.385G	66	5.592G	67	5.284G	68	5.289G
69	5.714G	70	5.479G	71	5.658G	72	5.501G
73	5.255G	74	5.282G	75	5.593G	76	5.482G
77	5.599G	78	5.671G	79	5.631G	80	5.315G
81	5.327G	82	5.411G	83	5.575G	84	5.543G
85	5.252G	86	5.474G	87	5.673G	88	5.406G
89	5.307G	90	5.677G	91	5.687G	92	5.483G
93	5.662G	94	5.504G	95	5.342G	96	5.422G
97	5.432G	98	5.724G	99	5.568G	100	5.520G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.505G	2	5.380G	3	5.400G	4	5.459G
5	5.395G	6	5.325G	7	5.703G	8	5.413G
9	5.444G	10	5.575G	11	5.334G	12	5.346G
13	5.404G	14	5.256G	15	5.604G	16	5.386G
17	5.600G	18	5.662G	19	5.336G	20	5.435G
21	5.554G	22	5.486G	23	5.350G	24	5.519G
25	5.499G	26	5.636G	27	5.397G	28	5.442G
29	5.460G	30	5.573G	31	5.482G	32	5.384G
33	5.630G	34	5.688G	35	5.409G	36	5.690G
37	5.471G	38	5.377G	39	5.639G	40	5.318G
41	5.455G	42	5.576G	43	5.454G	44	5.722G
45	5.405G	46	5.502G	47	5.379G	48	5.426G
49	5.605G	50	5.706G	51	5.398G	52	5.683G
53	5.312G	54	5.392G	55	5.393G	56	5.697G
57	5.321G	58	5.322G	59	5.691G	60	5.291G
61	5.262G	62	5.640G	63	5.673G	64	5.514G
65	5.331G	66	5.425G	67	5.369G	68	5.306G
69	5.280G	70	5.390G	71	5.669G	72	5.417G
73	5.658G	74	5.635G	75	5.642G	76	5.581G
77	5.541G	78	5.487G	79	5.668G	80	5.462G
81	5.467G	82	5.578G	83	5.275G	84	5.498G
85	5.504G	86	5.651G	87	5.347G	88	5.497G
89	5.599G	90	5.716G	91	5.577G	92	5.567G
93	5.326G	94	5.680G	95	5.643G	96	5.477G
97	5.556G	98	5.566G	99	5.548G	100	5.625G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.369G	2	5.590G	3	5.321G	4	5.353G
5	5.371G	6	5.255G	7	5.400G	8	5.379G
9	5.360G	10	5.273G	11	5.372G	12	5.570G
13	5.705G	14	5.459G	15	5.601G	16	5.375G
17	5.430G	18	5.555G	19	5.337G	20	5.631G
21	5.284G	22	5.287G	23	5.637G	24	5.314G
25	5.441G	26	5.708G	27	5.380G	28	5.303G
29	5.475G	30	5.357G	31	5.339G	32	5.664G
33	5.622G	34	5.593G	35	5.669G	36	5.595G
37	5.516G	38	5.535G	39	5.719G	40	5.548G
41	5.690G	42	5.694G	43	5.418G	44	5.458G
45	5.322G	46	5.523G	47	5.522G	48	5.323G
49	5.651G	50	5.336G	51	5.345G	52	5.687G
53	5.465G	54	5.474G	55	5.259G	56	5.586G
57	5.417G	58	5.584G	59	5.561G	60	5.675G
61	5.326G	62	5.688G	63	5.498G	64	5.639G
65	5.257G	66	5.404G	67	5.635G	68	5.711G
69	5.600G	70	5.416G	71	5.684G	72	5.644G
73	5.609G	74	5.693G	75	5.533G	76	5.612G
77	5.652G	78	5.506G	79	5.397G	80	5.304G
81	5.434G	82	5.530G	83	5.327G	84	5.260G
85	5.573G	86	5.627G	87	5.508G	88	5.625G
89	5.697G	90	5.552G	91	5.679G	92	5.325G
93	5.575G	94	5.588G	95	5.654G	96	5.446G
97	5.394G	98	5.407G	99	5.641G	100	5.683G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.499G	2	5.652G	3	5.639G	4	5.599G
5	5.478G	6	5.397G	7	5.422G	8	5.396G
9	5.382G	10	5.252G	11	5.568G	12	5.531G
13	5.389G	14	5.384G	15	5.315G	16	5.507G
17	5.436G	18	5.275G	19	5.675G	20	5.465G
21	5.676G	22	5.541G	23	5.361G	24	5.460G
25	5.617G	26	5.661G	27	5.454G	28	5.709G
29	5.262G	30	5.352G	31	5.344G	32	5.669G
33	5.481G	34	5.540G	35	5.684G	36	5.560G
37	5.609G	38	5.269G	39	5.280G	40	5.658G
41	5.720G	42	5.424G	43	5.447G	44	5.723G
45	5.517G	46	5.632G	47	5.620G	48	5.615G
49	5.321G	50	5.253G	51	5.351G	52	5.355G
53	5.288G	54	5.289G	55	5.590G	56	5.404G
57	5.300G	58	5.692G	59	5.324G	60	5.571G
61	5.650G	62	5.341G	63	5.550G	64	5.614G
65	5.421G	66	5.265G	67	5.657G	68	5.403G
69	5.429G	70	5.413G	71	5.554G	72	5.640G
73	5.706G	74	5.320G	75	5.261G	76	5.290G
77	5.636G	78	5.574G	79	5.458G	80	5.566G
81	5.722G	82	5.303G	83	5.516G	84	5.718G
85	5.259G	86	5.477G	87	5.525G	88	5.445G
89	5.535G	90	5.414G	91	5.522G	92	5.323G
93	5.434G	94	5.521G	95	5.653G	96	5.464G
97	5.641G	98	5.349G	99	5.582G	100	5.552G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.564G	2	5.413G	3	5.620G	4	5.500G
5	5.529G	6	5.463G	7	5.653G	8	5.668G
9	5.449G	10	5.573G	11	5.299G	12	5.514G
13	5.304G	14	5.681G	15	5.323G	16	5.315G
17	5.563G	18	5.434G	19	5.343G	20	5.674G
21	5.289G	22	5.543G	23	5.565G	24	5.396G
25	5.644G	26	5.379G	27	5.672G	28	5.641G
29	5.308G	30	5.401G	31	5.381G	32	5.419G
33	5.469G	34	5.382G	35	5.635G	36	5.417G
37	5.663G	38	5.453G	39	5.285G	40	5.270G
41	5.617G	42	5.659G	43	5.647G	44	5.544G
45	5.530G	46	5.397G	47	5.250G	48	5.388G
49	5.608G	50	5.598G	51	5.264G	52	5.643G
53	5.454G	54	5.360G	55	5.291G	56	5.447G
57	5.548G	58	5.609G	59	5.716G	60	5.703G
61	5.605G	62	5.409G	63	5.482G	64	5.577G
65	5.335G	66	5.358G	67	5.571G	68	5.380G
69	5.623G	70	5.273G	71	5.440G	72	5.316G
73	5.574G	74	5.468G	75	5.294G	76	5.474G
77	5.318G	78	5.377G	79	5.697G	80	5.444G
81	5.701G	82	5.680G	83	5.596G	84	5.391G
85	5.711G	86	5.496G	87	5.337G	88	5.575G
89	5.384G	90	5.486G	91	5.717G	92	5.592G
93	5.437G	94	5.439G	95	5.557G	96	5.441G
97	5.456G	98	5.392G	99	5.503G	100	5.678G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.417G	2	5.646G	3	5.291G	4	5.661G
5	5.654G	6	5.543G	7	5.614G	8	5.272G
9	5.381G	10	5.299G	11	5.332G	12	5.683G
13	5.253G	14	5.273G	15	5.650G	16	5.514G
17	5.487G	18	5.431G	19	5.601G	20	5.644G
21	5.370G	22	5.345G	23	5.690G	24	5.282G
25	5.519G	26	5.603G	27	5.320G	28	5.510G
29	5.598G	30	5.339G	31	5.680G	32	5.321G
33	5.552G	34	5.344G	35	5.336G	36	5.674G
37	5.437G	38	5.699G	39	5.631G	40	5.476G
41	5.430G	42	5.331G	43	5.290G	44	5.459G
45	5.578G	46	5.703G	47	5.723G	48	5.663G
49	5.553G	50	5.276G	51	5.502G	52	5.585G
53	5.604G	54	5.693G	55	5.574G	56	5.287G
57	5.621G	58	5.513G	59	5.421G	60	5.591G
61	5.471G	62	5.470G	63	5.285G	64	5.327G
65	5.708G	66	5.368G	67	5.570G	68	5.453G
69	5.357G	70	5.395G	71	5.438G	72	5.643G
73	5.496G	74	5.288G	75	5.623G	76	5.425G
77	5.323G	78	5.682G	79	5.511G	80	5.388G
81	5.303G	82	5.328G	83	5.277G	84	5.486G
85	5.595G	86	5.384G	87	5.565G	88	5.264G
89	5.380G	90	5.269G	91	5.521G	92	5.338G
93	5.371G	94	5.311G	95	5.324G	96	5.658G
97	5.505G	98	5.612G	99	5.444G	100	5.558G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.254G	2	5.600G	3	5.298G	4	5.487G
5	5.417G	6	5.717G	7	5.367G	8	5.390G
9	5.698G	10	5.661G	11	5.696G	12	5.660G
13	5.508G	14	5.342G	15	5.286G	16	5.516G
17	5.450G	18	5.460G	19	5.371G	20	5.523G
21	5.426G	22	5.365G	23	5.292G	24	5.466G
25	5.313G	26	5.575G	27	5.597G	28	5.576G
29	5.382G	30	5.477G	31	5.256G	32	5.435G
33	5.515G	34	5.572G	35	5.666G	36	5.528G
37	5.283G	38	5.284G	39	5.405G	40	5.642G
41	5.480G	42	5.682G	43	5.550G	44	5.391G
45	5.553G	46	5.656G	47	5.505G	48	5.517G
49	5.345G	50	5.265G	51	5.498G	52	5.719G
53	5.306G	54	5.324G	55	5.434G	56	5.657G
57	5.658G	58	5.462G	59	5.690G	60	5.475G
61	5.302G	62	5.662G	63	5.262G	64	5.577G
65	5.337G	66	5.458G	67	5.499G	68	5.670G
69	5.333G	70	5.534G	71	5.529G	72	5.701G
73	5.481G	74	5.264G	75	5.437G	76	5.697G
77	5.655G	78	5.410G	79	5.496G	80	5.442G
81	5.511G	82	5.309G	83	5.469G	84	5.312G
85	5.648G	86	5.433G	87	5.525G	88	5.573G
89	5.581G	90	5.541G	91	5.687G	92	5.431G
93	5.558G	94	5.530G	95	5.270G	96	5.274G
97	5.427G	98	5.402G	99	5.607G	100	5.543G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.451G	2	5.255G	3	5.277G	4	5.545G
5	5.424G	6	5.469G	7	5.675G	8	5.714G
9	5.538G	10	5.474G	11	5.284G	12	5.722G
13	5.515G	14	5.435G	15	5.442G	16	5.309G
17	5.429G	18	5.600G	19	5.639G	20	5.497G
21	5.273G	22	5.529G	23	5.450G	24	5.383G
25	5.356G	26	5.404G	27	5.540G	28	5.307G
29	5.340G	30	5.345G	31	5.431G	32	5.575G
33	5.624G	34	5.712G	35	5.634G	36	5.418G
37	5.717G	38	5.320G	39	5.687G	40	5.715G
41	5.592G	42	5.553G	43	5.642G	44	5.724G
45	5.507G	46	5.254G	47	5.446G	48	5.330G
49	5.530G	50	5.721G	51	5.301G	52	5.636G
53	5.599G	54	5.693G	55	5.480G	56	5.503G
57	5.659G	58	5.270G	59	5.533G	60	5.427G
61	5.665G	62	5.405G	63	5.476G	64	5.316G
65	5.523G	66	5.280G	67	5.376G	68	5.488G
69	5.524G	70	5.438G	71	5.260G	72	5.683G
73	5.430G	74	5.546G	75	5.468G	76	5.344G
77	5.668G	78	5.632G	79	5.617G	80	5.536G
81	5.547G	82	5.393G	83	5.332G	84	5.569G
85	5.619G	86	5.647G	87	5.281G	88	5.615G
89	5.508G	90	5.558G	91	5.676G	92	5.400G
93	5.528G	94	5.325G	95	5.346G	96	5.374G
97	5.300G	98	5.363G	99	5.458G	100	5.387G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.375G	2	5.635G	3	5.638G	4	5.496G
5	5.686G	6	5.555G	7	5.469G	8	5.391G
9	5.575G	10	5.333G	11	5.408G	12	5.289G
13	5.600G	14	5.502G	15	5.539G	16	5.703G
17	5.518G	18	5.553G	19	5.336G	20	5.516G
21	5.447G	22	5.625G	23	5.501G	24	5.644G
25	5.352G	26	5.354G	27	5.402G	28	5.360G
29	5.552G	30	5.601G	31	5.313G	32	5.261G
33	5.623G	34	5.357G	35	5.363G	36	5.717G
37	5.593G	38	5.614G	39	5.413G	40	5.698G
41	5.666G	42	5.398G	43	5.677G	44	5.298G
45	5.355G	46	5.480G	47	5.330G	48	5.693G
49	5.258G	50	5.599G	51	5.609G	52	5.657G
53	5.304G	54	5.654G	55	5.632G	56	5.653G
57	5.568G	58	5.294G	59	5.606G	60	5.353G
61	5.288G	62	5.720G	63	5.254G	64	5.503G
65	5.397G	66	5.633G	67	5.611G	68	5.650G
69	5.683G	70	5.546G	71	5.274G	72	5.616G
73	5.259G	74	5.661G	75	5.629G	76	5.326G
77	5.550G	78	5.534G	79	5.440G	80	5.537G
81	5.481G	82	5.607G	83	5.405G	84	5.559G
85	5.561G	86	5.426G	87	5.577G	88	5.540G
89	5.316G	90	5.278G	91	5.287G	92	5.329G
93	5.544G	94	5.468G	95	5.628G	96	5.334G
97	5.627G	98	5.514G	99	5.542G	100	5.630G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.616G	2	5.564G	3	5.284G	4	5.654G
5	5.452G	6	5.330G	7	5.575G	8	5.259G
9	5.599G	10	5.430G	11	5.290G	12	5.419G
13	5.488G	14	5.427G	15	5.317G	16	5.503G
17	5.393G	18	5.311G	19	5.292G	20	5.437G
21	5.707G	22	5.610G	23	5.354G	24	5.343G
25	5.684G	26	5.623G	27	5.556G	28	5.258G
29	5.669G	30	5.342G	31	5.395G	32	5.517G
33	5.420G	34	5.498G	35	5.441G	36	5.434G
37	5.457G	38	5.453G	39	5.639G	40	5.700G
41	5.344G	42	5.510G	43	5.480G	44	5.264G
45	5.370G	46	5.605G	47	5.655G	48	5.432G
49	5.586G	50	5.552G	51	5.614G	52	5.435G
53	5.512G	54	5.583G	55	5.642G	56	5.593G
57	5.368G	58	5.283G	59	5.686G	60	5.592G
61	5.477G	62	5.353G	63	5.723G	64	5.455G
65	5.278G	66	5.468G	67	5.711G	68	5.658G
69	5.316G	70	5.295G	71	5.261G	72	5.558G
73	5.313G	74	5.378G	75	5.590G	76	5.486G
77	5.263G	78	5.692G	79	5.296G	80	5.391G
81	5.521G	82	5.637G	83	5.649G	84	5.546G
85	5.534G	86	5.603G	87	5.433G	88	5.539G
89	5.569G	90	5.660G	91	5.253G	92	5.454G
93	5.341G	94	5.325G	95	5.286G	96	5.469G
97	5.661G	98	5.323G	99	5.563G	100	5.714G

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