DFS TEST REPORT

REPORT NO.:	RF140828E03-2
MODEL NO.:	D5001, D3001, D3003
FCC ID:	NQ8D5001
RECEIVED:	Aug. 28, 2014
TESTED:	Jan. 07, 2015
ISSUED:	Jan. 12, 2015

APPLICANT:	Pace Micro Technology plc
ADDRESS:	Saltaire, Shipley,West Yorkshire,BD18 3LF, UK

ISSUED BY:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory
LAB ADDRESS :	No. 81-1, Lu Liao Keng, 9th Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan, R.O.C.

This report should not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF140828E03-2	Original release	Jan. 12, 2015

1. CERTIFICATION

PRODUCT:	DOCSIS 3.0 Wireless Gateway Router with MOCA 2.0
BRAND NAME:	Pace
MODEL NO.:	D5001, D3001, D3003
TEST SAMPLE:	ENGINEERING SAMPLE
APPLICANT:	Pace Micro Technology plc
TESTED:	Jan. 07, 2015
STANDARDS:	FCC Part 15, Subpart E (Section 15.407) KDB 905462 D02 UNII DFS Compliance Procedures New Rules v01r01

The above equipment (Model: D5001) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and was in 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. 12, 2015
Elsie Hsu, Specialist

Approved by : _____ , **Date:** Jan. 12, 2015
May Chen, Manager

2. EUT INFORMATION

2.1 OPERATING FREQUENCY BANDS AND MODE OF EUT

Table 1: Operating frequency bands and mode of EUT.

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

2.2 EUT SOFTWARE AND FIRMWARE VERSION

Table 2: The EUT software/firmware version.

No.	Product	Model No.	Software/Firmware Version
1	DOCSIS 3.0 Wireless Gateway Router with MOCA 2.0	D5001	**Software Version:1.469.2.2**

2.3 DESCRIPTION OF AVAILABLE ANTENNAS TO THE EUT

Table 3: Antenna list.

Antenna No.	Transmitter Circuit	Brand	Model	Gain (dBi) (Include cable loss)	Frequency range (GHz to GHz)	Antenna Type	Connecter Type	Cable Length (mm)
LB1	2	Galtronics	02102073-05762B1	2.84	2.4~2.4835	Dipole	i-pex(MHF)	310
LB2	0	Galtronics	02102073-05762C1	3.8	2.4~2.4835	PCB	i-pex(MHF)	161
LB3	1	Galtronics	02102073-05762A1	4.87	2.4~2.4835	PCB	i-pex(MHF)	66
HB1	0	Galtronics	02102142-05762B2	5.50 5.27	5.15~5.35 5.47~5.85	Dipole	i-pex(MHF)	130
HB2	2	Galtronics	02102142-05762B1	4.75 5.68	5.15~5.35 5.47~5.85	Dipole	i-pex(MHF)	80
HB3	1	Galtronics	02102142-05762B3	4.03 5.74	5.15~5.35 5.47~5.85	Dipole	i-pex(MHF)	170

2.4 EUT MAXIMUM CONDUCTED POWER

TABLE 4: THE MEASURED CONDUCTED OUTPUT POWER

IEEE 802.11a

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	20.44	110.658
5470~5725MHz	19.63	91.804

IEEE 802.11ac (VHT20) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	20.39	109.354
5470~5725MHz	19.61	91.364

IEEE 802.11ac (VHT40) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	20.35	108.338
5470~5725MHz	19.64	92.07

IEEE 802.11ac (VHT80) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	20.36	108.665
5470~5725MHz	19.58	90.685

IEEE 802.11ac (VHT20) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	20.39	109.354
5470~5725MHz	19.61	91.364

IEEE 802.11ac (VHT40) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	23.12	204.965
5470~5725MHz	22.64	183.702

IEEE 802.11ac (VHT80) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	21.65	146.162
5470~5725MHz	23.77	238.089

2.5 EUT MAXIMUM EIRP POWER

TABLE 5: THE EIRP OUTPUT POWER LIST

IEEE 802.11a

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	25.94	392.629
5470~5725MHz	25.37	344.240

IEEE 802.11ac (VHT20) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	29.94	985.904
5470~5725MHz	29.95	988.041

IEEE 802.11ac (VHT40) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	29.90	976.744
5470~5725MHz	29.98	995.676

IEEE 802.11ac (VHT80) Beamforming Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	29.91	979.692
5470~5725MHz	29.92	980.698

IEEE 802.11ac (VHT20) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	25.89	388.003
5470~5725MHz	25.35	342.590

IEEE 802.11ac (VHT40) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	28.62	727.243
5470~5725MHz	28.38	688.833

IEEE 802.11ac (VHT80) CDD Mode

Frequency Band(MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350MHz	27.15	518.602
5470~5725MHz	29.51	892.769

2.6 TRANSMIT POWER CONTROL (TPC) MECHANISM

U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an EIRP of less than 500 mW.

Maximum EIRP of this device is 995.676mW which more than 500mW, therefore it's require TPC function.
The UUT can adjust a transmitter's output power based on the signal level present at the receiver.
TPC is controlled by software and the user may adjust the Transmit Power level from web interface that may adjust the transmit power among Max,-3dB,-6dB, from web manually when the power needs to be increased or decreased.
The interface is for WLAN purpose that is installed fixedly, so we implement manual TPC instead of automatic TPC on the product.

2.7 STATEMENT OF MAUNFACTURER

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.

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 6 and 7 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
U-NII Detection Bandwidth	✓	Not required	✓

TABLE 7: APPLICABILITY OF DFS REQUIREMENTS DURING NORMAL OPERATION

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

Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection	Client without radar detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequencies between the bonded 20 MHz channel blocks.		

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, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 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. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

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 100% of the U-NII 99% transmission power bandwidth. See Note 3

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.
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 0 should be used. 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
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a --- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	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

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

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 13: Test instruments list.

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Spectrum Analyzer R&S	FSW8	101497	Aug.06.2014	Aug. 05, 2015
Vector Signal Generator R&S	SMJ100A	101878	Aug. 12, 2014	Aug. 11, 2015

4.2 DESCRIPTION OF SUPPORT UNITS

Table 14: Support Unit information.

No.	Product	Brand	Model No.	FCC ID	Spec.
1	802.11 a/b/g/n/ac WLAN+Bluetooth PCI-E Mini Card	AzureWave	BCM94360HMB	QDS-BRCM1082	

NOTE: This device was functioned as a ☐Master ☒Slave device during the DFS test.

Table 15: Software/Firmware information.

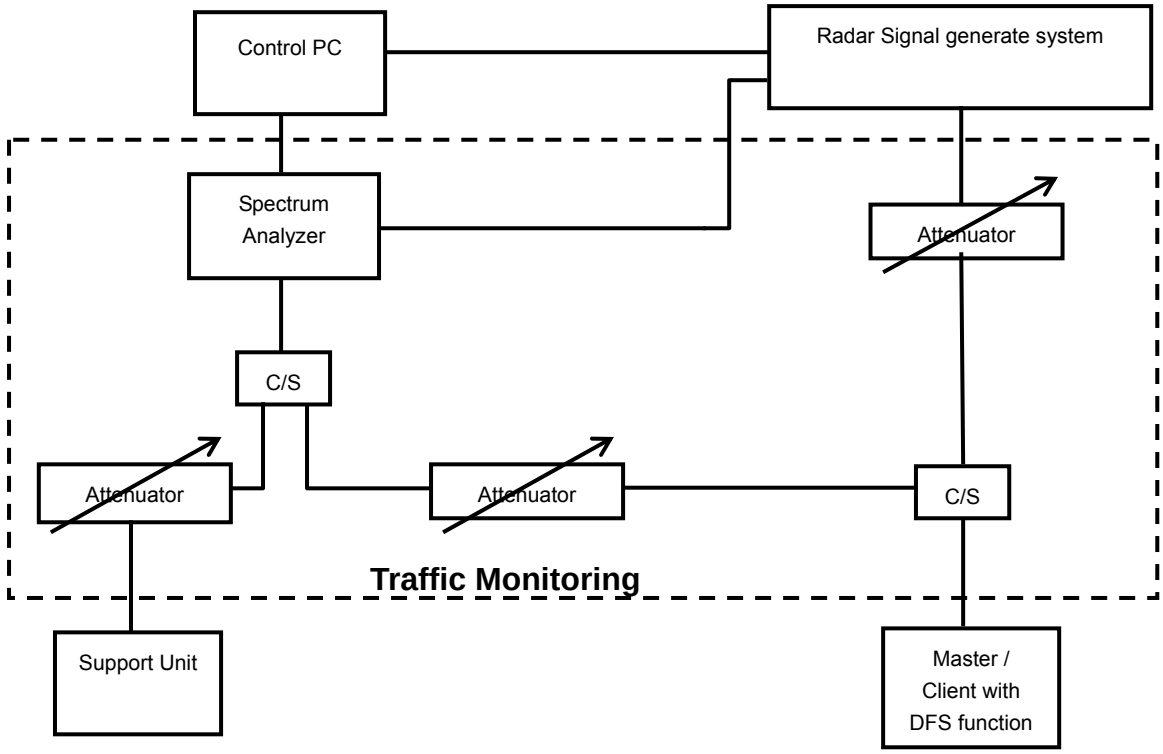
No.	Product	Model No.	Software/Firmware Version
1	802.11 a/b/g/n/ac WLAN+Bluetooth PCI-E Mini Card	BCM94360HMB	Driver Version: 6.30.223.240(2014/3/19)

5. TEST PROCEDURE

5.1 DFS MEASUREMENT SYSTEM:

A complete DFS Measurement System consists of Radar signal generate system to generating the radar waveforms in Table 10, 11 and 12. The traffic monitoring system is specified to the type of unit under test (UUT).

Conducted setup configuration of DFS Measurement System



Channel Loading

System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

a)	The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.	
b)	Software to ping the client is permitted to simulate data transfer but must have random ping intervals.	
c)	Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.	✓
d)	Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.	

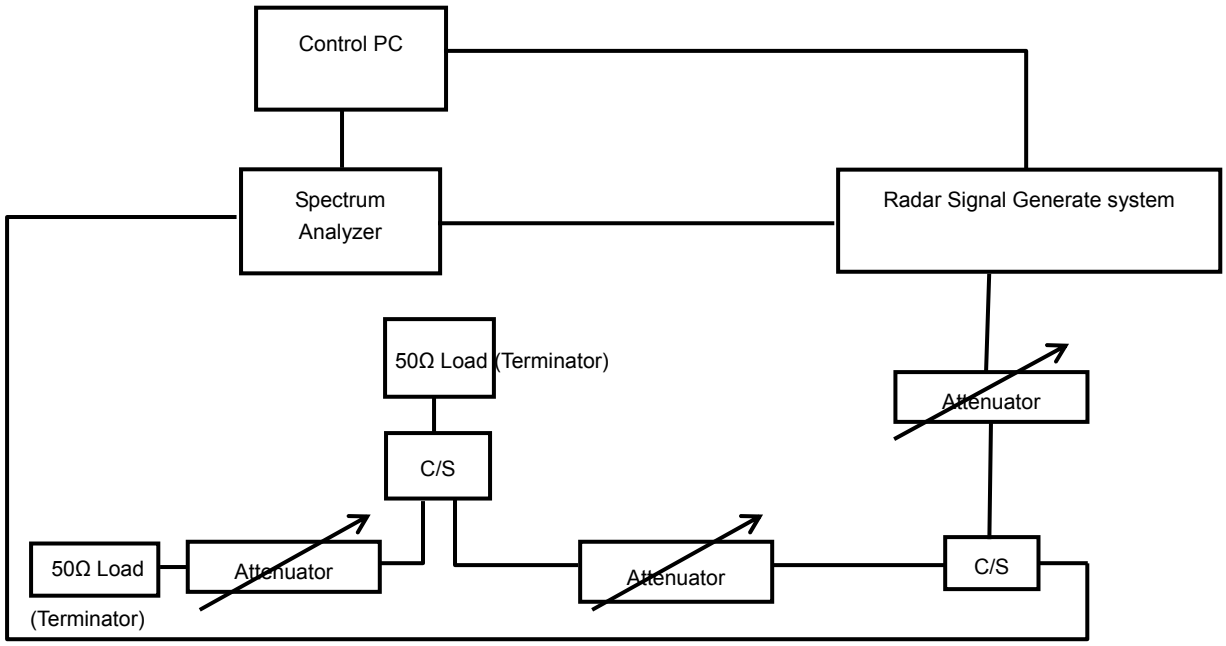
5.2 CALIBRATION OF DFS DETECTION THRESHOLD LEVEL:

The measured channel is 5500MHz in 20MHz and 5510MHz in 40MHz and 5530 in 80MHz. 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.

5.2.1 MASTER MODE

The Master antenna net gain is 4.03dBi and required detection threshold is -58.97dBm (= -64 +4.03+1)dBm. The calibrated conducted detection threshold level is set to -58.97 dBm.

Conducted setup configuration of Calibration of DFS Detection Threshold Level

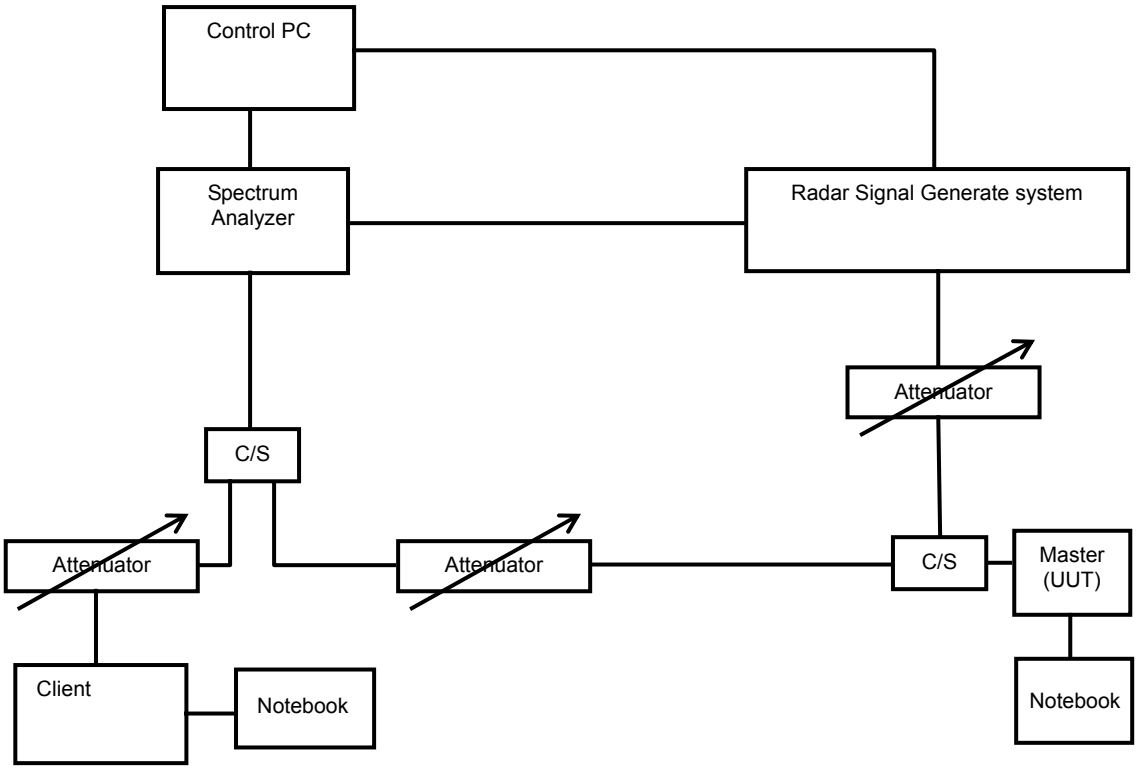


5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 CONDUCTED TEST SETUP CONFIGURATION

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

MASTER MODE

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	U-NII Detection Bandwidth	Applicable	Pass
15.407	Non-Co-Channel test	Applicable	Pass

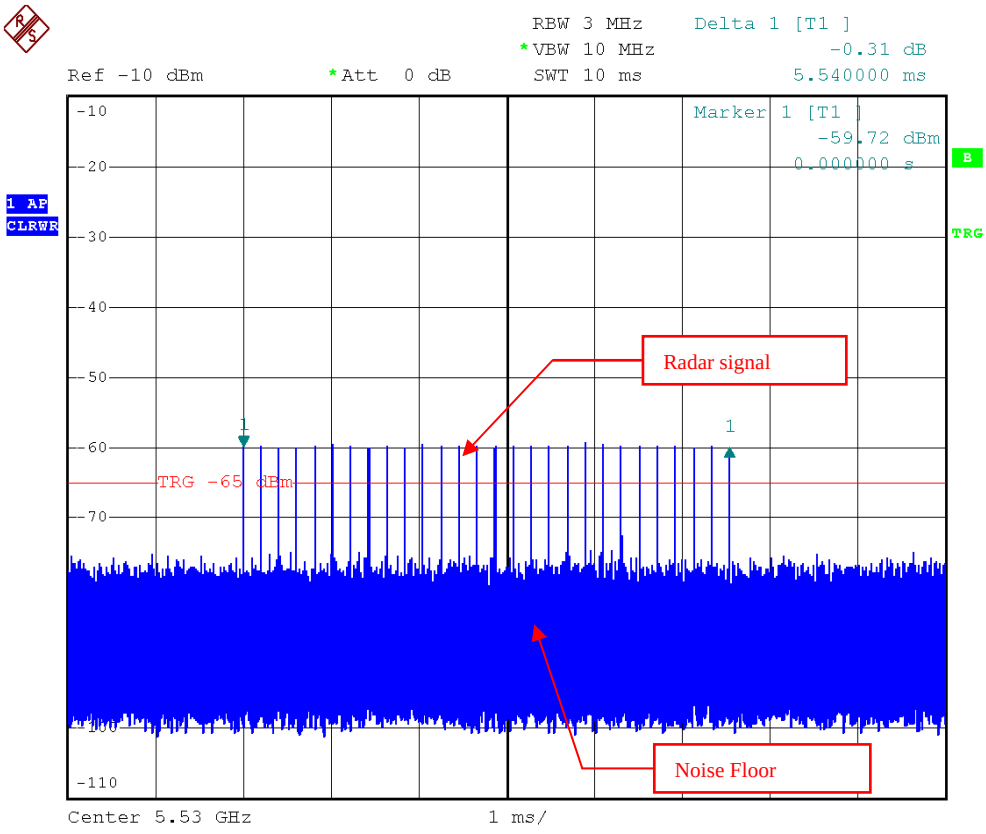
6.2 DETAILED TEST RESULTS

6.2.1. TEST MODE: DEVICE OPERATING IN MASTER MODE.

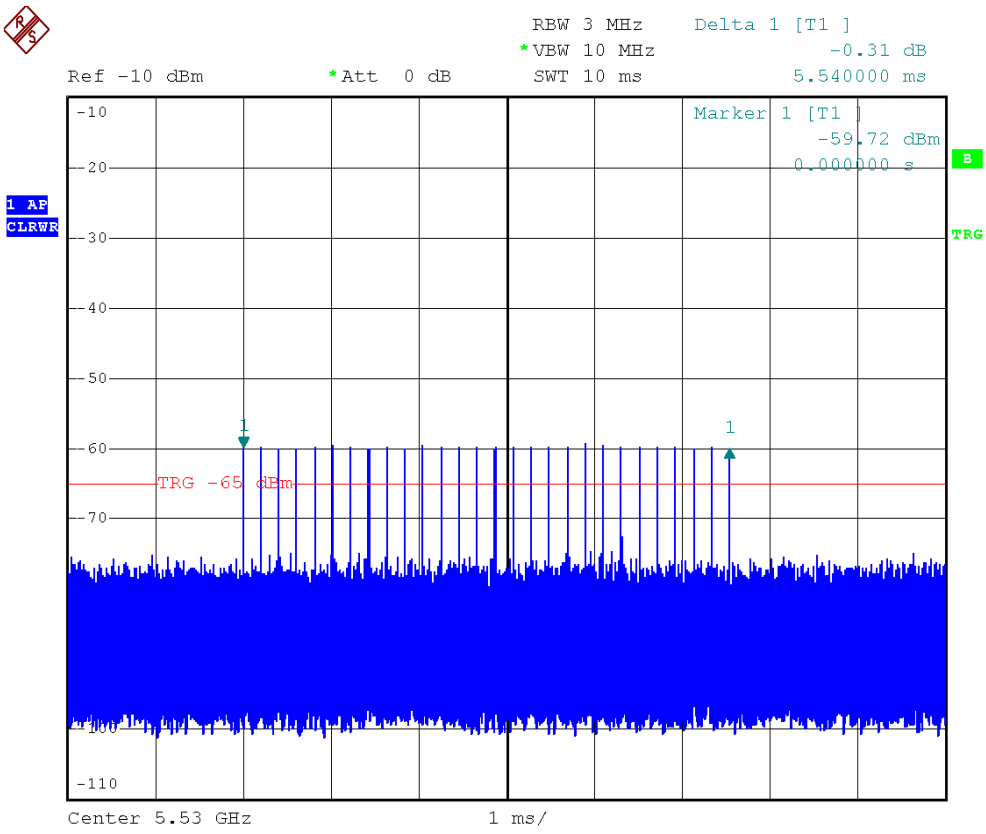
The radar test signals are injected into the Master Device.

6.2.1.1 DFS DETECTION THRESHOLD

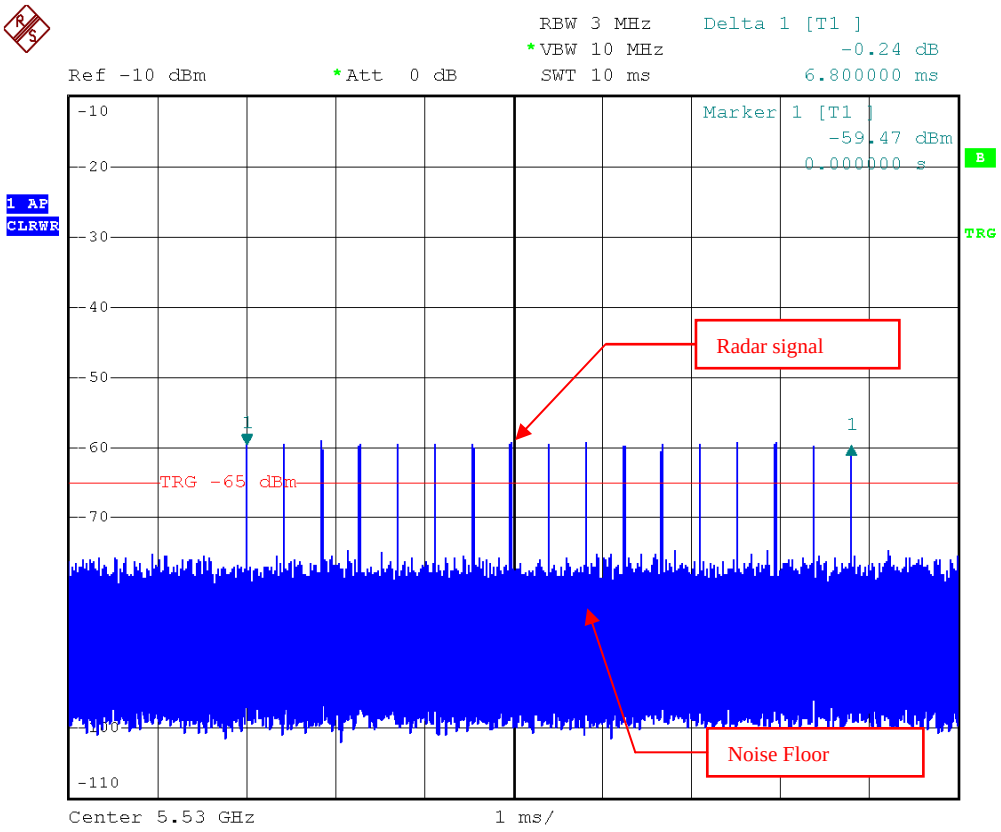
The required detection threshold is -58.97dBm (= -64 +4.03+1) dBm. The conducted radar burst level is set to -58.97dBm.



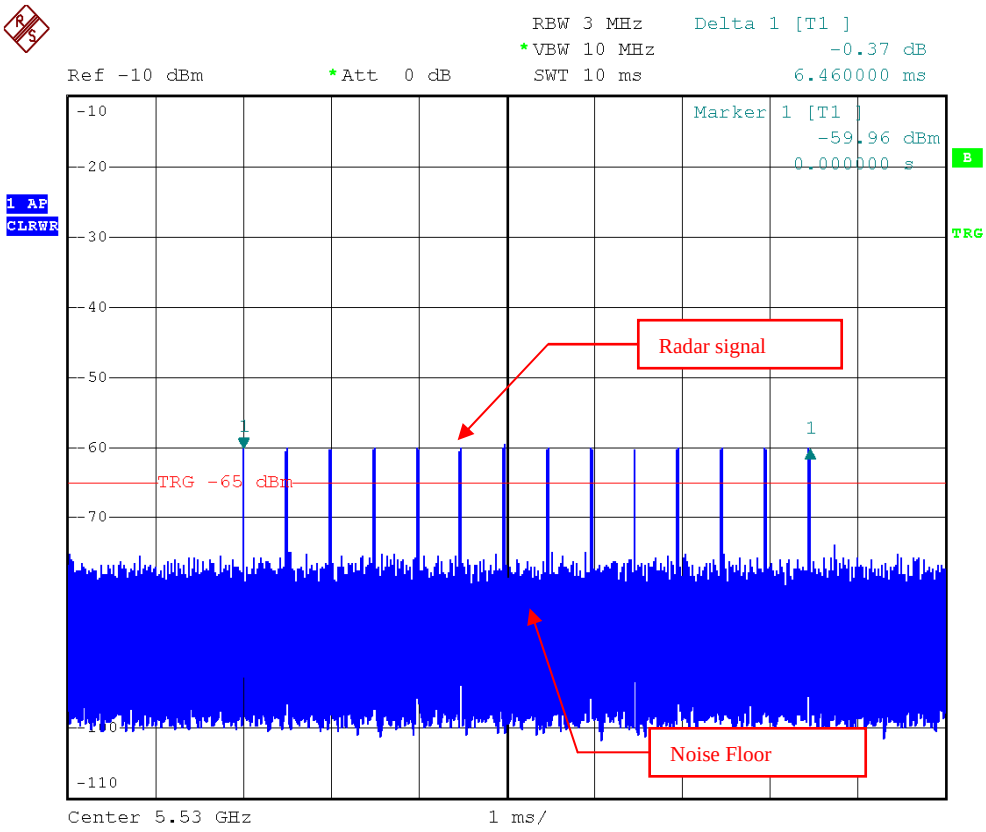
Radar Signal 1



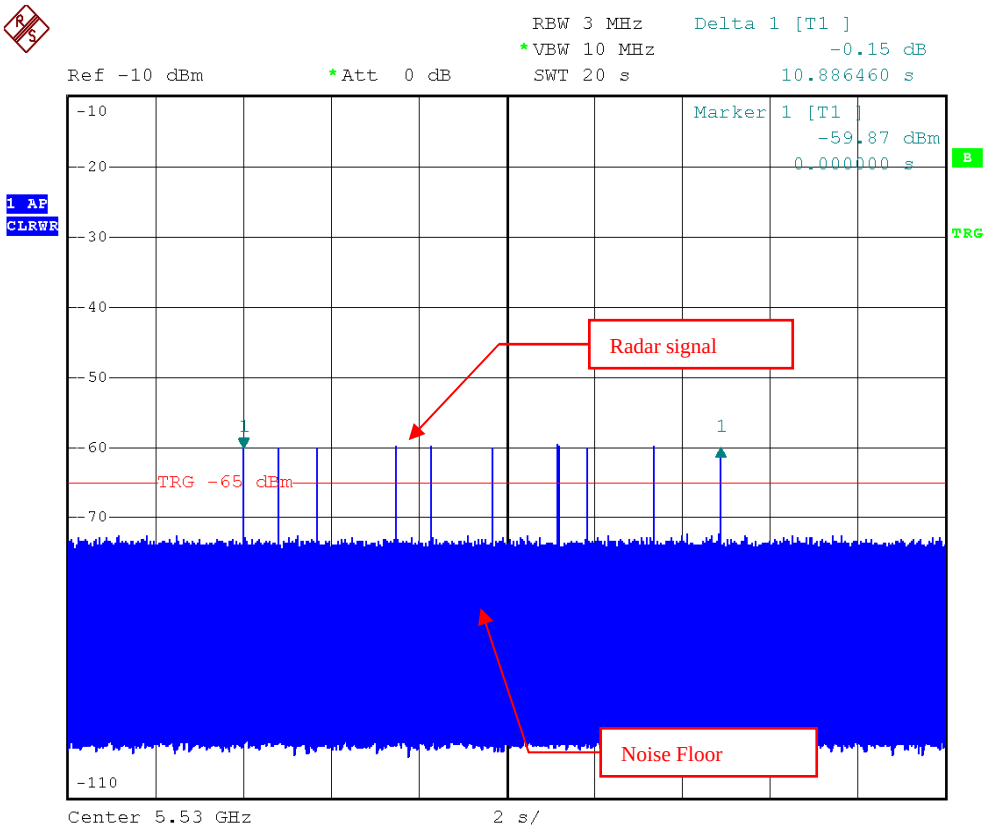
Radar Signal 2



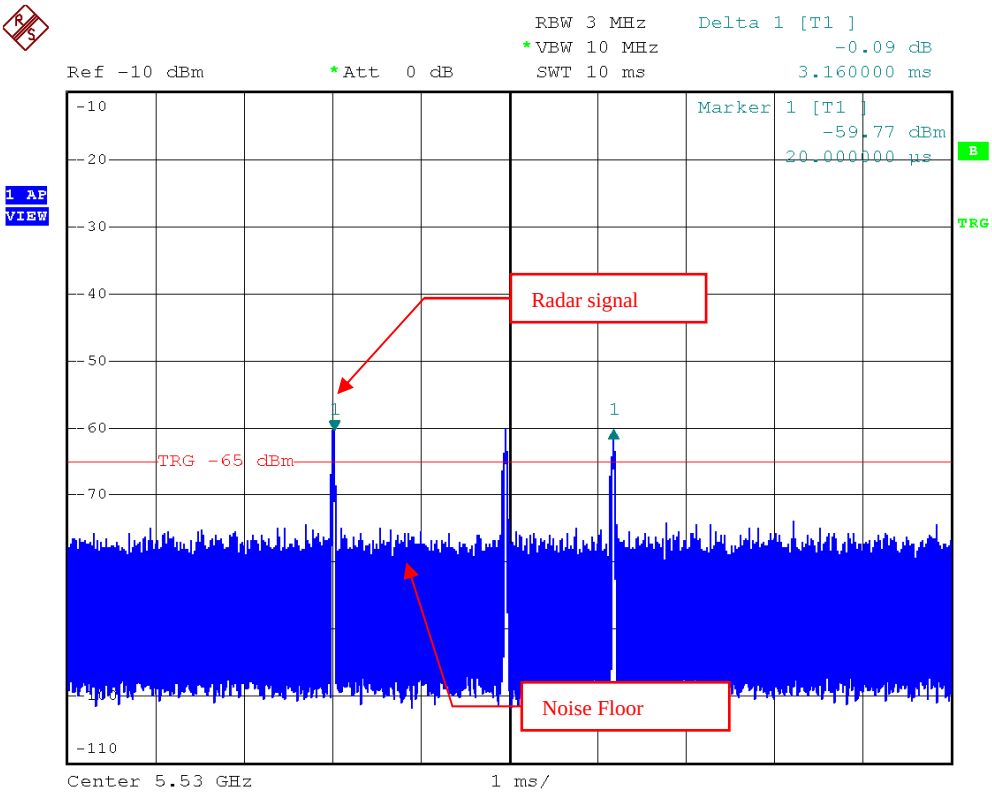
Radar Signal 3



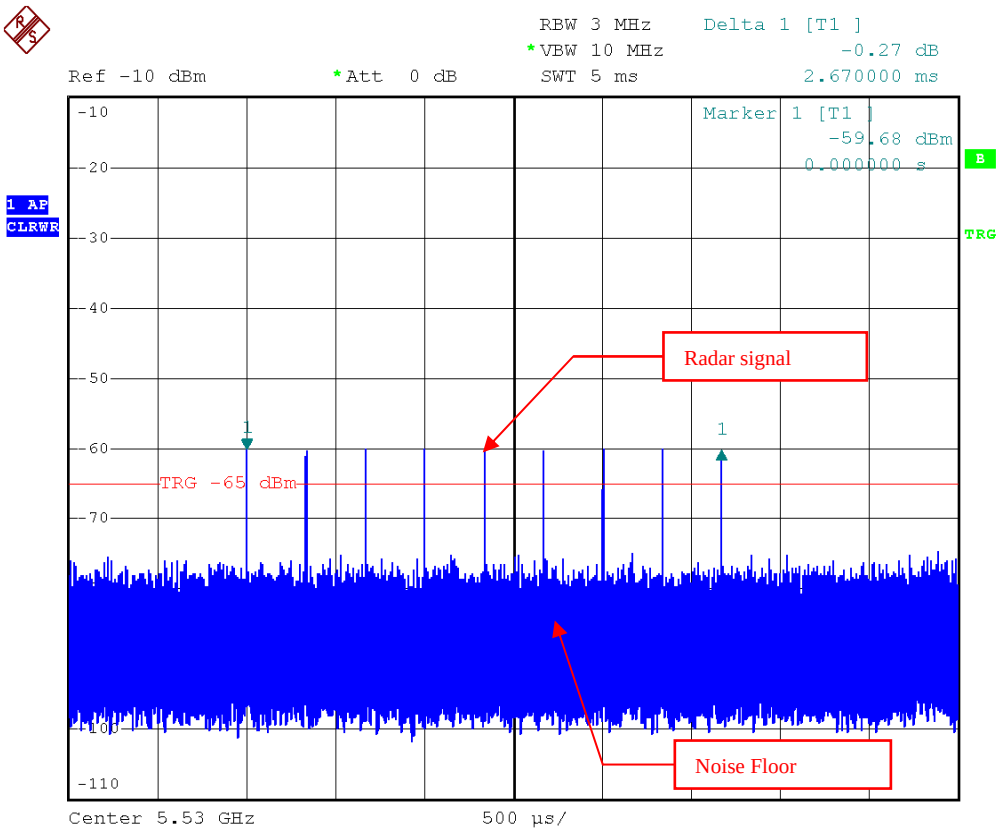
Radar Signal 4



Radar Signal 5



Single Burst of Radar Signal 5



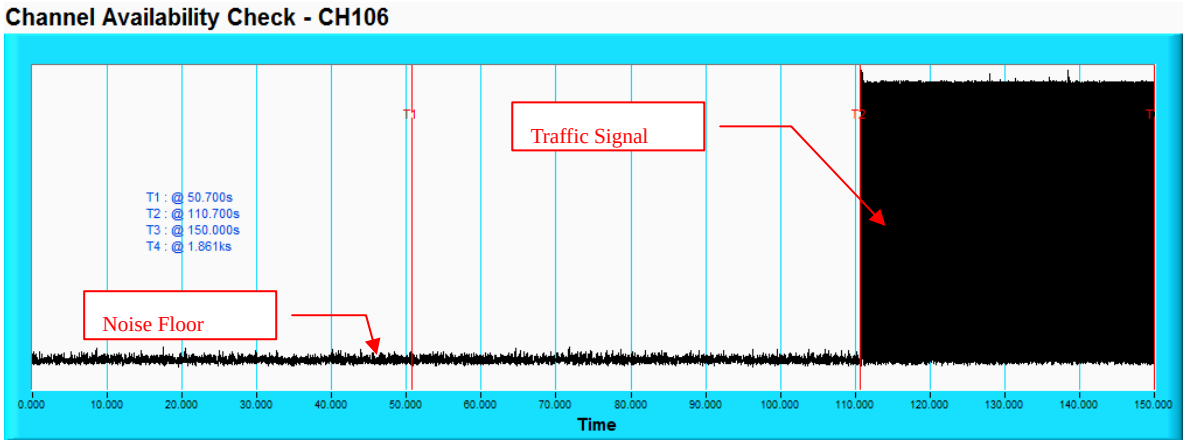
Radar Signal 6

6.2.1.2 CHANNEL AVAILABILITY CHECK TIME

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

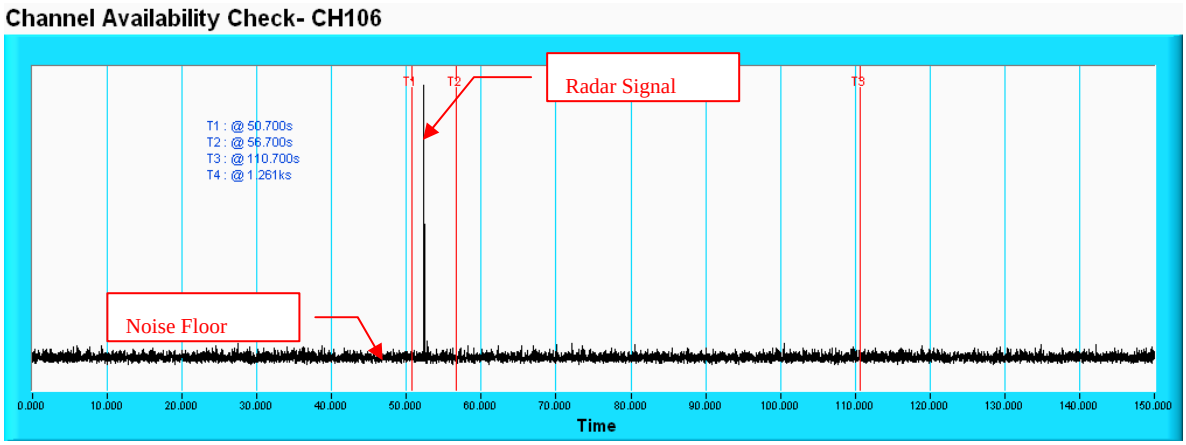
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



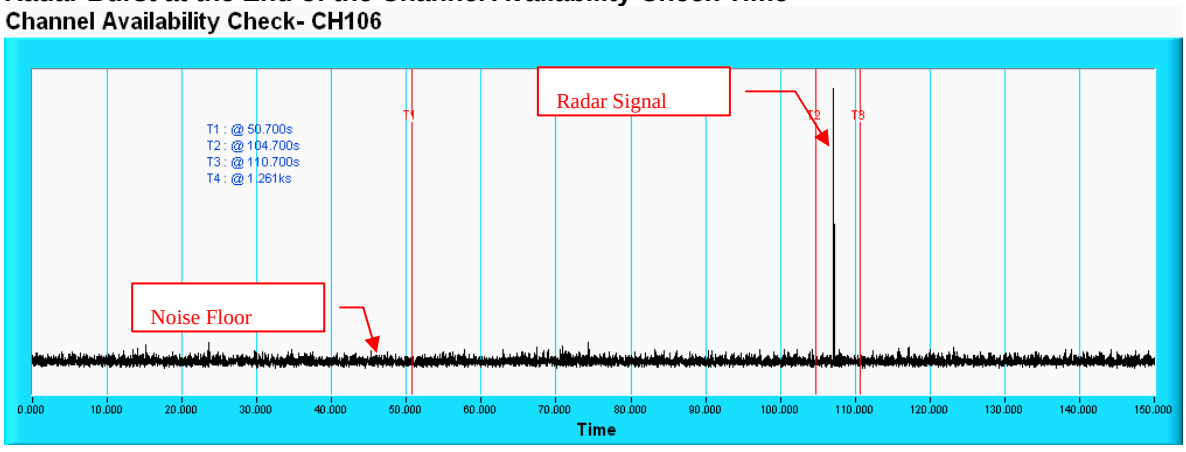
NOTE: T1 denotes the end of power-up time period is 50.7th second. T2 denotes the end of Channel Availability Check time is 110.7th second. Channel Availability Check time is equal to (T2 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 50.7th second. T2 denotes 56.7th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T3 denotes the 110.7th second.

Radar Burst at the End of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 50.7th second.T2 denotes 104.7th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T3 denotes the 110.7th second.

6.2.1.3 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME

802.11ac (VHT20)

Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a ---------- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	18	30	80
2	1-5	150-230	23-29	30	86.7
3	6-10	200-500	16-18	30	76.7
4	11-20	200-500	12-16	30	76.7
Aggregate (Radar Types 1-4)				120	80

Long Pulse Radar Test Waveform

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

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	80

802.11ac (VHT40)

Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a --- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	18	30	83.33
2	1-5	150-230	23-29	30	76.7
3	6-10	200-500	16-18	30	80.00
4	11-20	200-500	12-16	30	80
Aggregate (Radar Types 1-4)				120	80

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	80

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	76.7

802.11ac (VHT80)

Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a --- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μ sec, with a minimum increment of 1 μ sec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	18	30	80
2	1-5	150-230	23-29	30	80.00
3	6-10	200-500	16-18	30	83.3
4	11-20	200-500	12-16	30	76.7
Aggregate (Radar Types 1-4)				120	80

Long Pulse Radar Test Waveform

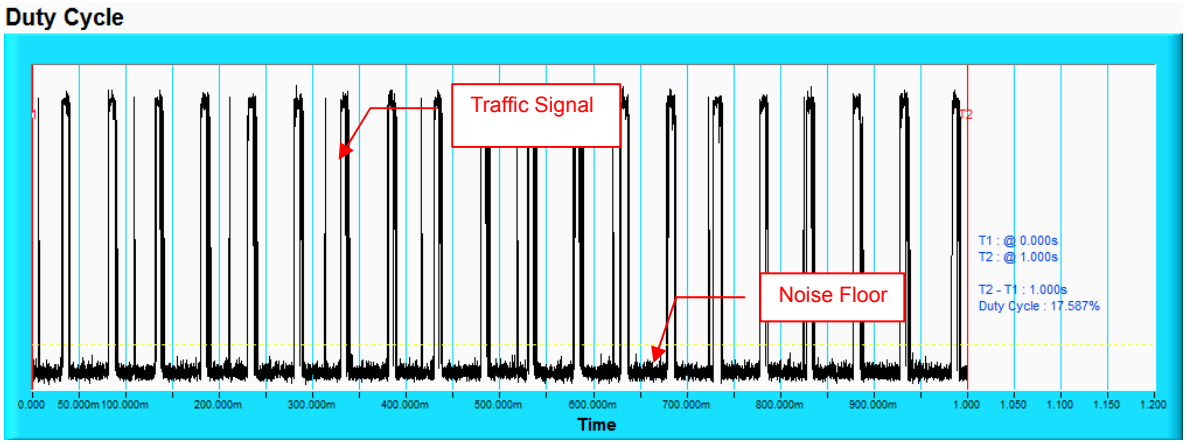
Radar Type	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	80

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	80

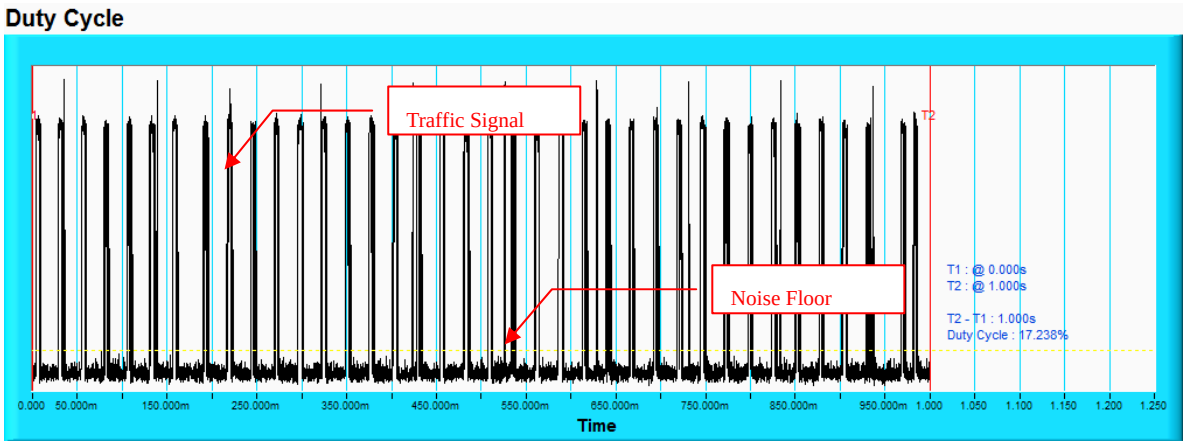
Wireless Traffic Loading

802.11ac (VHT20)



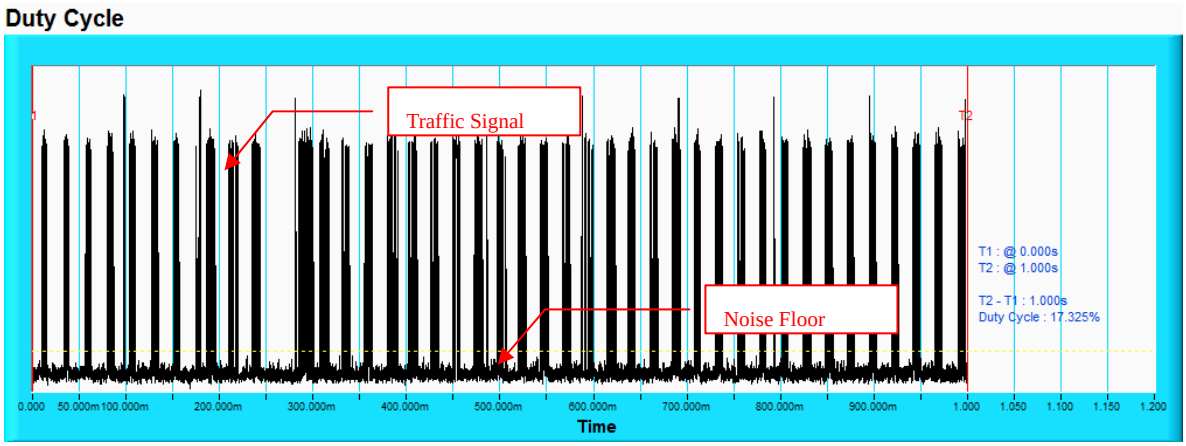
NOTE: T1 denotes the start of duty cycle period is 0th second. T2 denotes the end of duty cycle period is 1th second. T2 – T1= 1 seconds. Duty Cycle = 17.587%

802.11ac (VHT40)



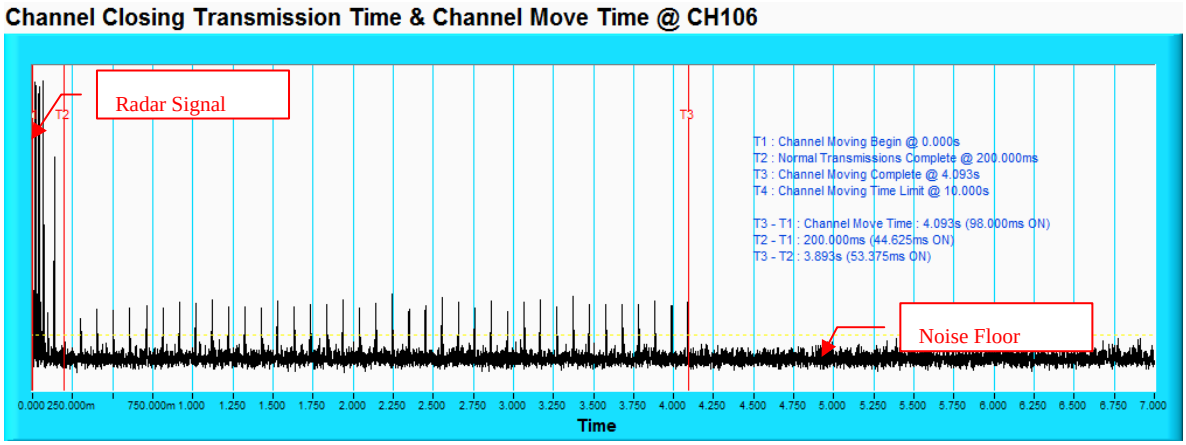
NOTE: T1 denotes the start of duty cycle period is 0th second. T2 denotes the end of duty cycle period is 1th second. T2 – T1= 1 seconds. Duty Cycle = 17.238%

802.11ac (VHT80)

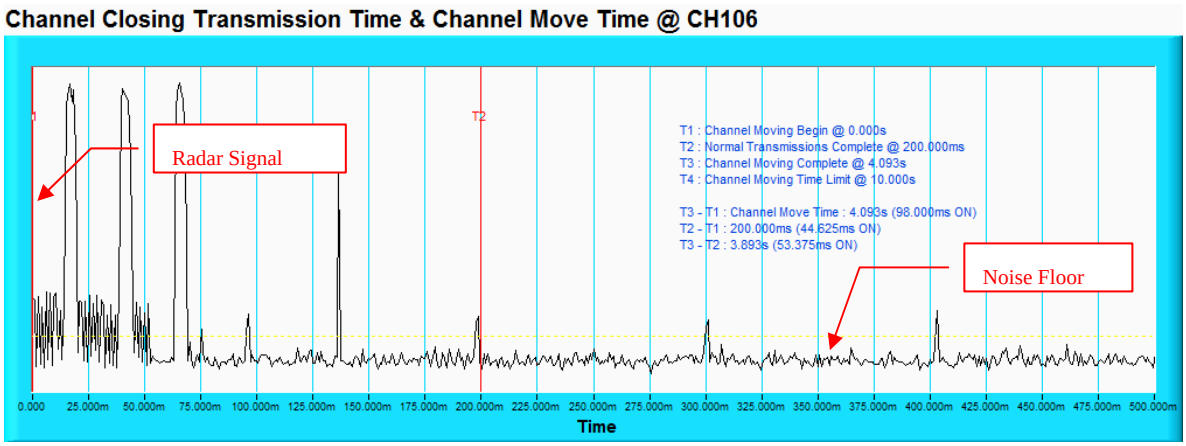


NOTE: T1 denotes the start of duty cycle period is 0th second. T2 denotes the end of duty cycle period is 1th second. T2 – T1= 1 seconds. Duty Cycle = 17.325%

Radar signal 1

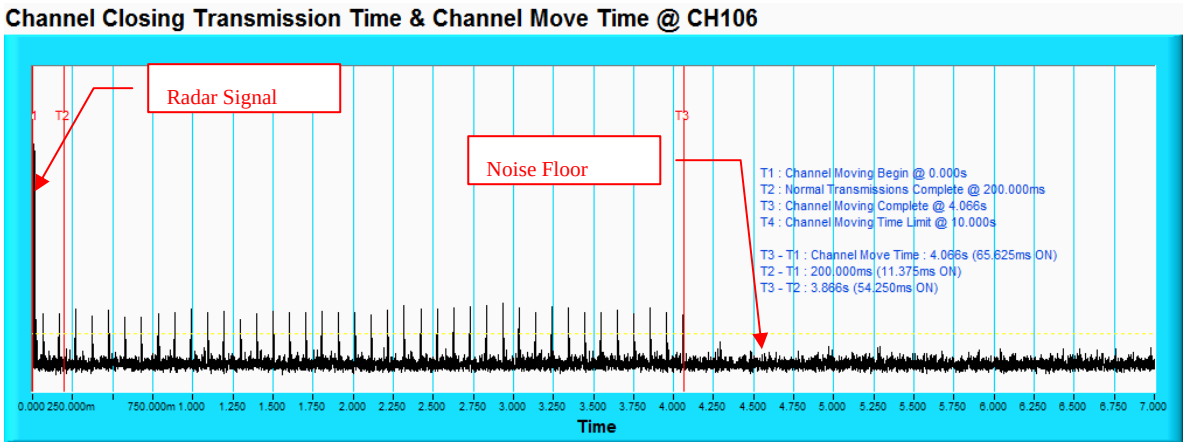


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

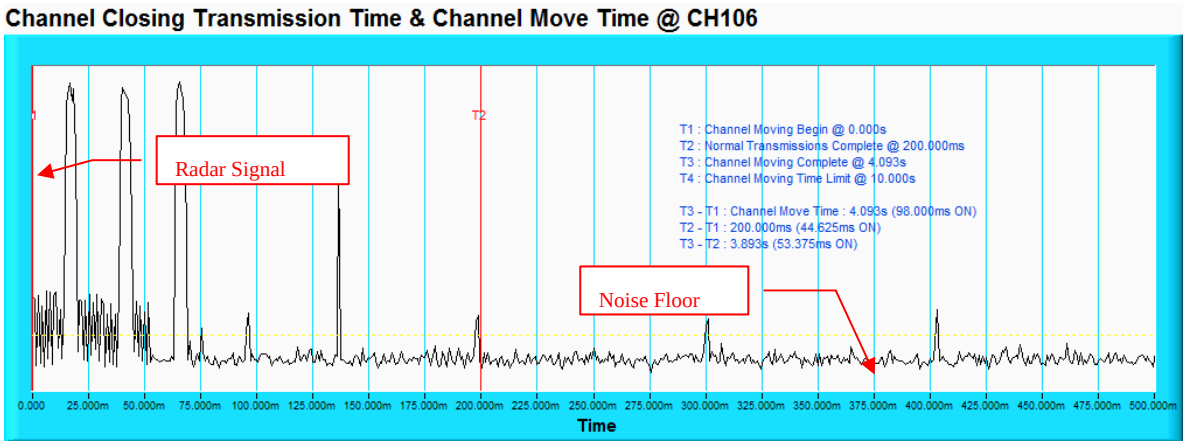


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar signal 2

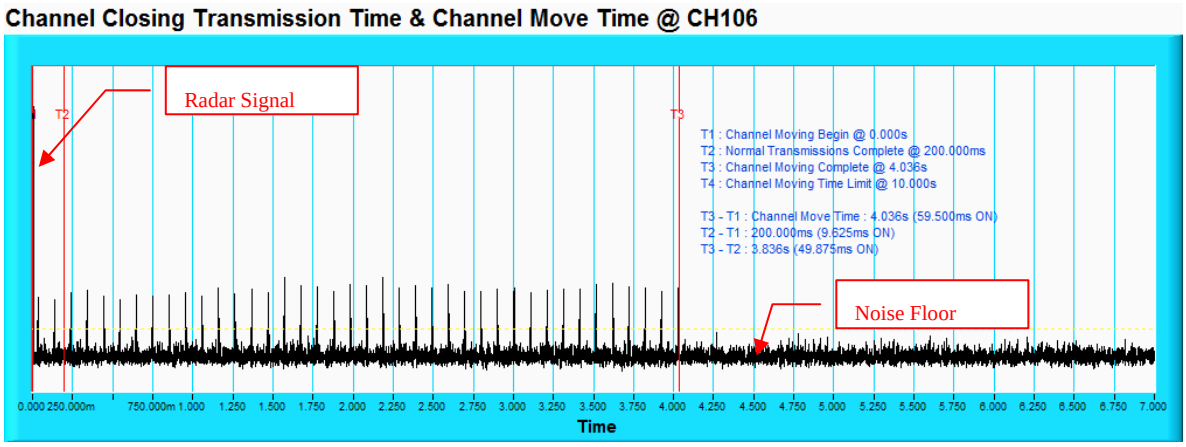


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

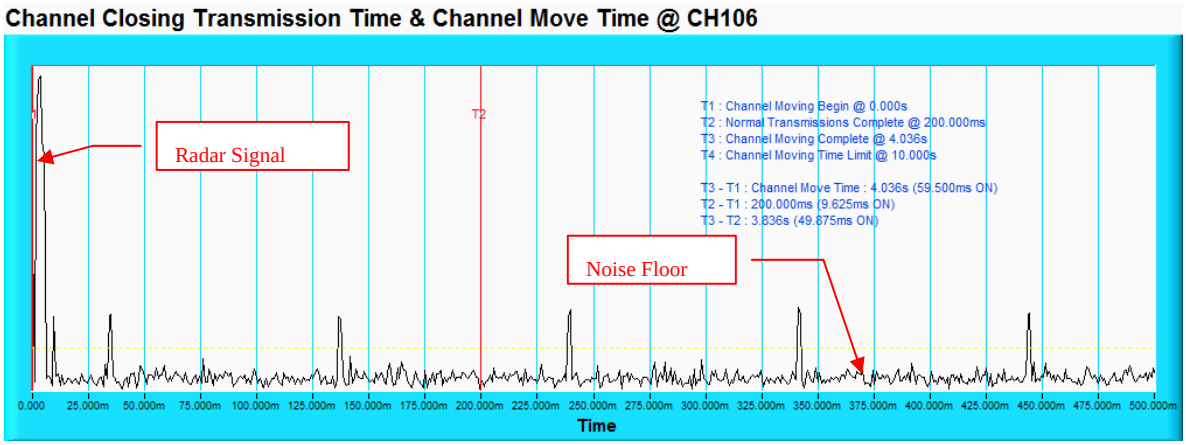


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar signal 3

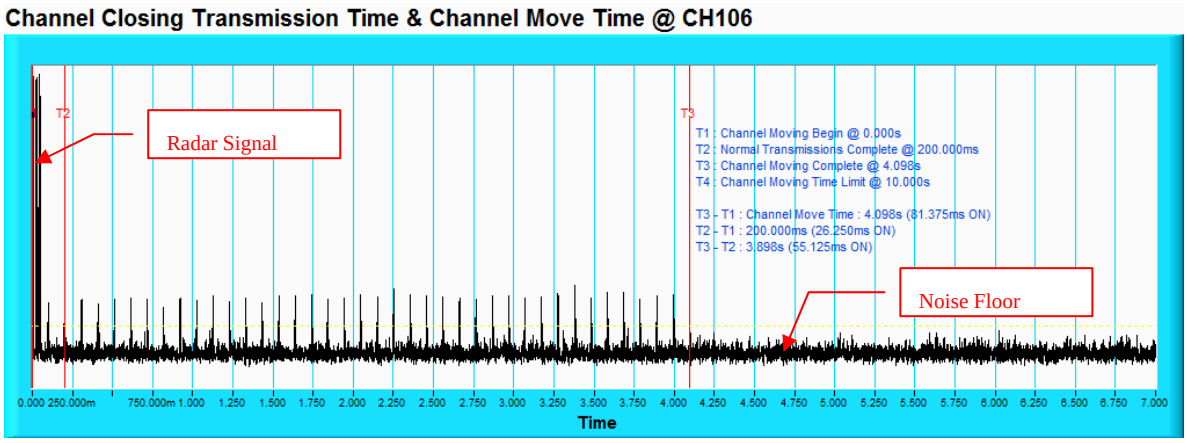


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

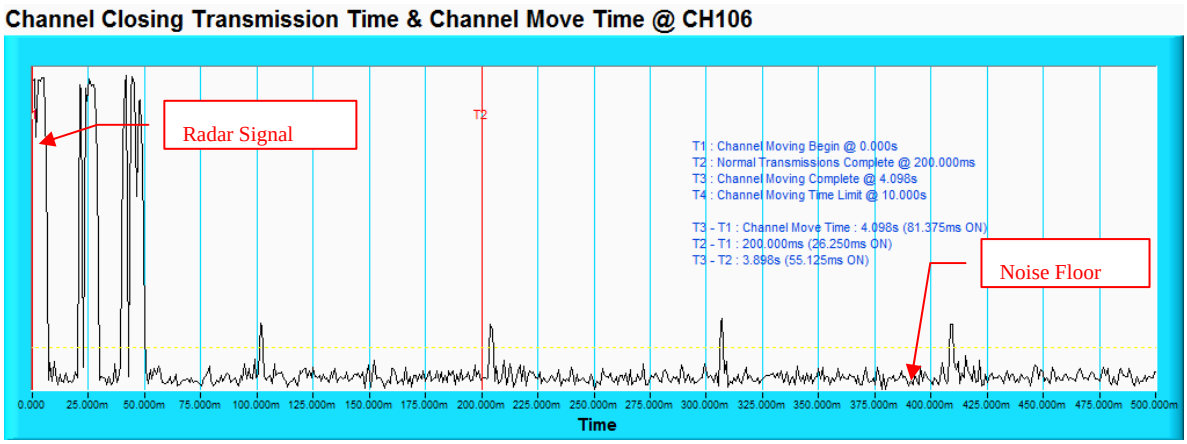


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar signal 4

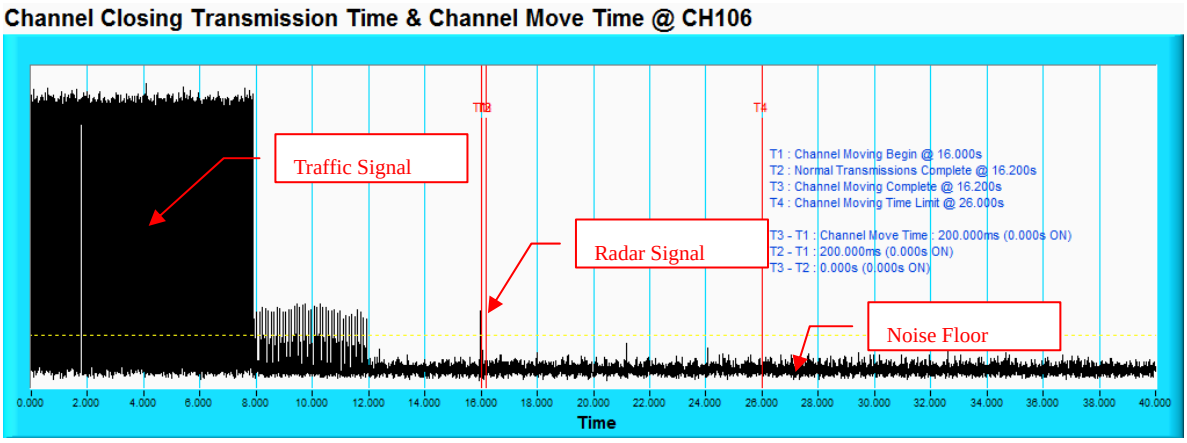


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

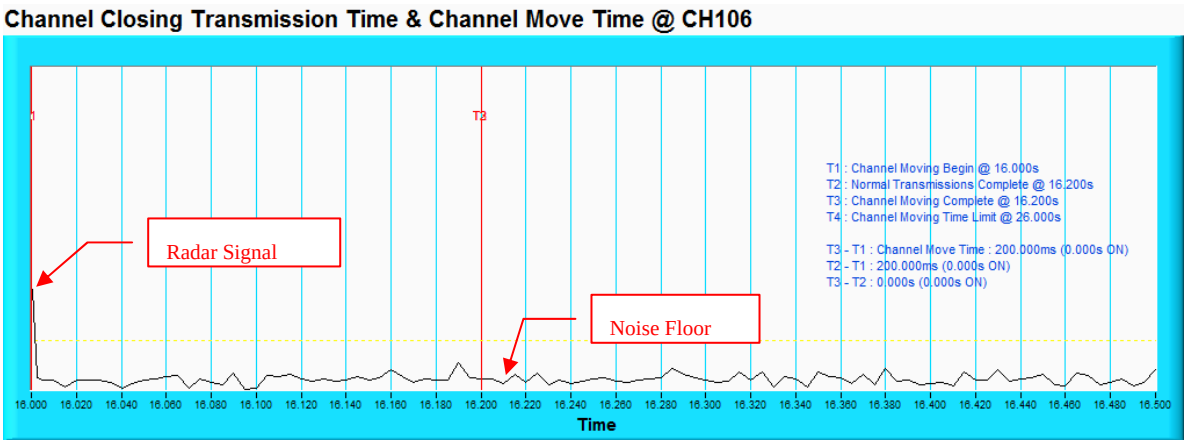


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar signal 5

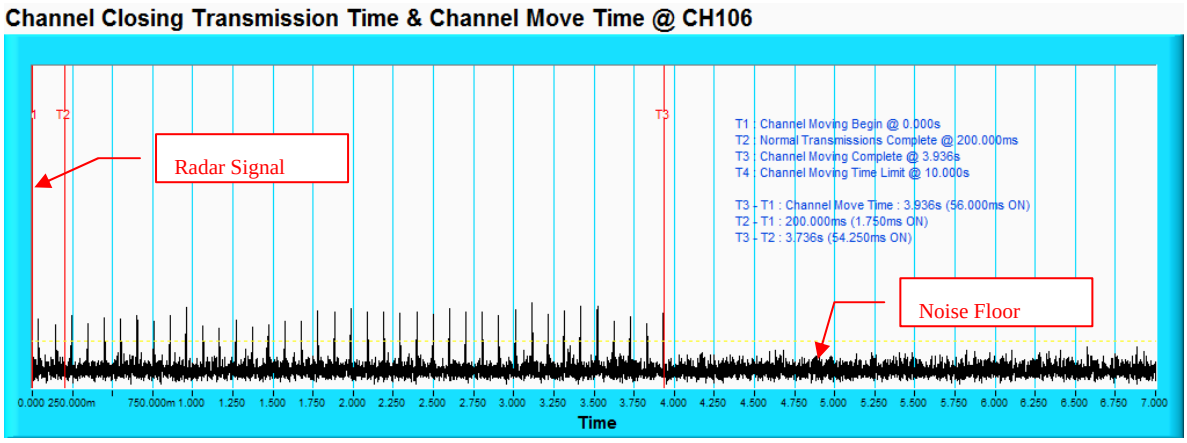


NOTE: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

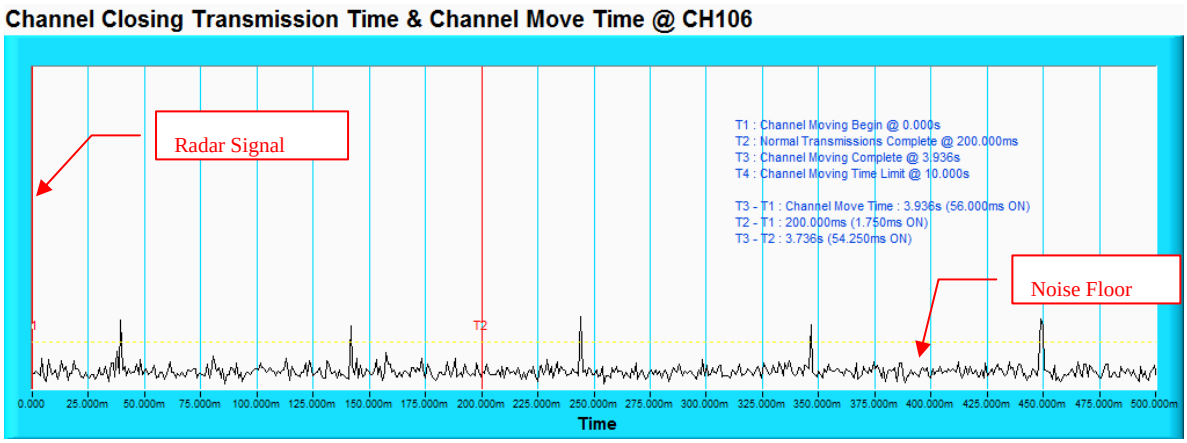


NOTE: An expanded plot for the device vacates the channel in the required 500ms.

Radar signal 6



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 500ms.

802.11ac (VHT20)

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	68	1.0u	0.778m	No
2	70	1.0u	0.758m	Yes
3	74	1.0u	0.718m	Yes
4	81	1.0u	0.658m	Yes
5	18	1.0u	3.066m	Yes
6	102	1.0u	0.518m	Yes
7	99	1.0u	0.538m	Yes
8	61	1.0u	0.878m	Yes
9	58	1.0u	0.918m	No
10	59	1.0u	0.898m	Yes
11	63	1.0u	0.838m	Yes
12	78	1.0u	0.678m	No
13	76	1.0u	0.698m	Yes
14	72	1.0u	0.738m	Yes
15	92	1.0u	0.578m	Yes
16	41	1.0u	1.311m	No
17	21	1.0u	2.562m	Yes
18	24	1.0u	2.261m	Yes
19	99	1.0u	0.535m	Yes
20	35	1.0u	1.531m	Yes
21	24	1.0u	2.264m	Yes
22	88	1.0u	0.6m	Yes
23	19	1.0u	2.925m	No
24	64	1.0u	0.831m	Yes
25	21	1.0u	2.637m	Yes
26	20	1.0u	2.765m	Yes
27	30	1.0u	1.792m	Yes
28	37	1.0u	1.462m	Yes
29	22	1.0u	2.426m	No
30	33	1.0u	1.616m	Yes
				Detection Rate: 80 %

802.11ac VHT20

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	25	2.2u	151.0u	No
2	28	3.9u	181.0u	Yes
3	27	4.8u	226.0u	Yes
4	25	3.3u	193.0u	Yes
5	25	2.9u	158.0u	No
6	26	3.1u	165.0u	No
7	29	4.8u	229.0u	Yes
8	25	1.7u	201.0u	Yes
9	24	4.3u	209.0u	Yes
10	25	3.9u	185.0u	Yes
11	25	2.4u	183.0u	No
12	27	1.6u	152.0u	Yes
13	24	3.1u	204.0u	Yes
14	24	4.6u	170.0u	Yes
15	23	4.0u	172.0u	Yes
16	28	4.7u	222.0u	Yes
17	23	3.6u	188.0u	Yes
18	26	2.8u	162.0u	Yes
19	26	4.4u	222.0u	Yes
20	28	4.6u	178.0u	Yes
21	28	1.1u	185.0u	Yes
22	28	1.3u	195.0u	Yes
23	29	2.5u	205.0u	Yes
24	29	1.6u	150.0u	Yes
25	28	4.5u	167.0u	Yes
26	26	4.6u	227.0u	Yes
27	24	3.7u	204.0u	Yes
28	26	2.1u	190.0u	Yes
29	25	2.9u	227.0u	Yes
30	25	1.5u	228.0u	Yes
				Detection Rate: 86.7 %

802.11ac VHT20

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	7.1u	314.0u	Yes
2	17	7.4u	332.0u	No
3	18	8.8u	271.0u	Yes
4	17	6.8u	268.0u	Yes
5	17	8.0u	281.0u	Yes
6	18	8.8u	288.0u	Yes
7	17	9.4u	211.0u	Yes
8	17	6.2u	326.0u	Yes
9	17	7.5u	410.0u	Yes
10	17	9.5u	311.0u	Yes
11	17	6.1u	345.0u	Yes
12	17	6.1u	301.0u	Yes
13	17	9.7u	352.0u	No
14	18	7.4u	386.0u	Yes
15	17	8.3u	465.0u	Yes
16	16	9.1u	483.0u	No
17	17	9.6u	387.0u	No
18	16	6.6u	419.0u	Yes
19	17	8.1u	268.0u	Yes
20	16	9.8u	267.0u	Yes
21	17	8.1u	445.0u	Yes
22	17	7.5u	321.0u	Yes
23	17	9.3u	300.0u	No
24	18	7.9u	361.0u	Yes
25	18	7.7u	229.0u	Yes
26	16	8.3u	441.0u	No
27	16	9.7u	225.0u	Yes
28	17	6.6u	441.0u	No
29	18	6.9u	209.0u	Yes
30	17	8.4u	409.0u	Yes
				Detection Rate: 76.7 %

802.11ac VHT20

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	14	19.7u	206.0u	Yes
2	14	14.3u	468.0u	Yes
3	14	18.3u	231.0u	Yes
4	13	13.9u	282.0u	No
5	13	18.0u	336.0u	No
6	12	14.2u	288.0u	Yes
7	14	18.1u	264.0u	No
8	15	13.7u	249.0u	Yes
9	15	12.2u	315.0u	Yes
10	16	17.3u	226.0u	No
11	14	11.6u	393.0u	Yes
12	14	13.7u	246.0u	Yes
13	13	14.6u	303.0u	Yes
14	14	17.9u	280.0u	No
15	16	16.3u	273.0u	Yes
16	15	17.8u	487.0u	Yes
17	14	19.2u	252.0u	No
18	12	11.2u	458.0u	Yes
19	15	15.0u	441.0u	Yes
20	15	18.2u	472.0u	Yes
21	12	16.0u	483.0u	Yes
22	13	14.4u	457.0u	Yes
23	15	15.8u	399.0u	Yes
24	16	12.5u	251.0u	Yes
25	14	12.1u	410.0u	Yes
26	15	18.8u	409.0u	No
27	13	14.1u	237.0u	Yes
28	16	18.8u	431.0u	Yes
29	14	17.8u	258.0u	Yes
30	14	12.3u	293.0u	Yes
				Detection Rate: 76.7 %

802.11ac VHT20

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

The Long Pulse Radar pattern shown in Annex B.1

802.11ac VHT20

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	No
5	9	1.0u	333.0u	No
6	9	1.0u	333.0u	Yes
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	No
9	9	1.0u	333.0u	Yes
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	No
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	No
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	No
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 80 %

802.11ac VHT20

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	No
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	No
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	No
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	No
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	No
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 80 %

The Frequency Hopping Radar pattern shown in Annex B.2

802.11ac VHT40

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	68	1.0u	0.778m	Yes
2	70	1.0u	0.758m	Yes
3	74	1.0u	0.718m	No
4	81	1.0u	0.658m	Yes
5	18	1.0u	3.066m	Yes
6	102	1.0u	0.518m	No
7	99	1.0u	0.538m	Yes
8	61	1.0u	0.878m	Yes
9	58	1.0u	0.918m	Yes
10	59	1.0u	0.898m	Yes
11	63	1.0u	0.838m	Yes
12	78	1.0u	0.678m	Yes
13	76	1.0u	0.698m	No
14	72	1.0u	0.738m	No
15	92	1.0u	0.578m	Yes
16	41	1.0u	1.311m	Yes
17	21	1.0u	2.562m	Yes
18	24	1.0u	2.261m	Yes
19	99	1.0u	0.535m	Yes
20	35	1.0u	1.531m	Yes
21	24	1.0u	2.264m	Yes
22	88	1.0u	0.6m	Yes
23	19	1.0u	2.925m	Yes
24	64	1.0u	0.831m	No
25	21	1.0u	2.637m	Yes
26	20	1.0u	2.765m	Yes
27	30	1.0u	1.792m	Yes
28	37	1.0u	1.462m	Yes
29	22	1.0u	2.426m	Yes
30	33	1.0u	1.616m	Yes
				Detection Rate: 83.3 %

802.11ac VHT40

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	24	2.6u	228.0u	No
2	24	2.7u	205.0u	Yes
3	24	3.4u	163.0u	Yes
4	28	1.7u	192.0u	Yes
5	28	4.7u	176.0u	No
6	25	4.2u	167.0u	No
7	28	2.3u	179.0u	Yes
8	24	1.6u	216.0u	No
9	24	2.4u	171.0u	Yes
10	26	2.6u	161.0u	No
11	27	3.7u	206.0u	Yes
12	28	1.3u	216.0u	Yes
13	28	2.7u	168.0u	Yes
14	25	3.6u	212.0u	Yes
15	25	4.5u	222.0u	Yes
16	28	3.9u	165.0u	Yes
17	25	2.5u	197.0u	Yes
18	29	4.0u	214.0u	Yes
19	26	1.7u	202.0u	No
20	28	4.3u	177.0u	No
21	25	3.6u	215.0u	Yes
22	26	2.5u	212.0u	Yes
23	25	3.8u	226.0u	Yes
24	29	4.1u	210.0u	Yes
25	26	2.8u	215.0u	Yes
26	24	4.0u	185.0u	Yes
27	26	1.4u	174.0u	Yes
28	24	4.3u	199.0u	Yes
29	27	3.4u	218.0u	Yes
30	28	1.2u	212.0u	Yes
				Detection Rate: 76.7 %

802.11ac VHT40

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	17	9.9u	428.0u	Yes
2	16	7.1u	409.0u	Yes
3	17	6.2u	275.0u	Yes
4	18	9.1u	383.0u	Yes
5	16	7.0u	414.0u	No
6	18	9.4u	310.0u	Yes
7	16	9.5u	206.0u	Yes
8	18	6.0u	414.0u	Yes
9	18	6.3u	229.0u	No
10	16	7.5u	285.0u	Yes
11	17	7.4u	406.0u	Yes
12	17	7.7u	219.0u	No
13	17	8.8u	428.0u	Yes
14	18	7.1u	290.0u	Yes
15	16	9.9u	370.0u	No
16	18	6.8u	225.0u	Yes
17	16	7.4u	432.0u	Yes
18	16	6.6u	464.0u	Yes
19	17	8.9u	357.0u	Yes
20	17	6.4u	348.0u	Yes
21	18	8.4u	250.0u	No
22	18	9.9u	348.0u	Yes
23	17	10.0u	438.0u	Yes
24	18	7.0u	304.0u	Yes
25	17	8.2u	243.0u	Yes
26	16	9.4u	236.0u	Yes
27	17	9.0u	217.0u	No
28	18	6.9u	334.0u	Yes
29	17	8.6u	238.0u	Yes
30	18	7.6u	451.0u	Yes
				Detection Rate: 80 %

802.11ac VHT40

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	16	17.2u	302.0u	Yes
2	15	19.7u	499.0u	Yes
3	15	12.7u	201.0u	Yes
4	13	18.3u	217.0u	No
5	15	11.1u	251.0u	No
6	16	12.5u	449.0u	Yes
7	14	15.0u	444.0u	Yes
8	15	18.3u	211.0u	Yes
9	13	18.3u	456.0u	No
10	13	18.8u	486.0u	No
11	13	18.8u	462.0u	Yes
12	14	19.5u	470.0u	Yes
13	16	14.3u	331.0u	Yes
14	13	19.6u	258.0u	Yes
15	15	14.9u	331.0u	Yes
16	16	18.9u	407.0u	No
17	14	19.5u	414.0u	Yes
18	15	12.9u	216.0u	Yes
19	14	14.0u	268.0u	Yes
20	14	19.6u	497.0u	Yes
21	14	19.0u	243.0u	No
22	12	13.5u	375.0u	Yes
23	15	11.2u	271.0u	Yes
24	13	16.9u	327.0u	Yes
25	16	19.0u	242.0u	Yes
26	13	11.6u	459.0u	Yes
27	15	14.4u	310.0u	Yes
28	15	13.6u	412.0u	Yes
29	12	14.0u	326.0u	Yes
30	14	17.4u	257.0u	Yes
				Detection Rate: 80 %

802.11ac VHT40

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	Yes
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	Yes
6	LP_Signal_06	Yes
7	LP_Signal_07	No
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	No
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	No
19	LP_Signal_19	No
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	No
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: 80.0 %

The Long Pulse Radar pattern shown in Annex B.1

802.11ac VHT40

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	No
3	9	1.0u	333.0u	No
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	Yes
6	9	1.0u	333.0u	No
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	No
10	9	1.0u	333.0u	No
11	9	1.0u	333.0u	Yes
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	Yes
14	9	1.0u	333.0u	No
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	Yes
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	No
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 76.7 %

802.11ac VHT40

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	No
3	HOP_FREQ_SEQ_03	No
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	No
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	No
10	HOP_FREQ_SEQ_10	No
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	No
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	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 76.7 %

The Frequency Hopping Radar pattern shown in Annex B.2

802.11ac VHT80

Type 1 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	68	1.0u	0.778m	Yes
2	70	1.0u	0.758m	Yes
3	74	1.0u	0.718m	No
4	81	1.0u	0.658m	No
5	18	1.0u	3.066m	Yes
6	102	1.0u	0.518m	Yes
7	99	1.0u	0.538m	Yes
8	61	1.0u	0.878m	Yes
9	58	1.0u	0.918m	Yes
10	59	1.0u	0.898m	Yes
11	63	1.0u	0.838m	Yes
12	78	1.0u	0.678m	Yes
13	76	1.0u	0.698m	No
14	72	1.0u	0.738m	No
15	92	1.0u	0.578m	Yes
16	41	1.0u	1.311m	Yes
17	21	1.0u	2.562m	Yes
18	24	1.0u	2.261m	Yes
19	99	1.0u	0.535m	Yes
20	35	1.0u	1.531m	Yes
21	24	1.0u	2.264m	Yes
22	88	1.0u	0.6m	Yes
23	19	1.0u	2.925m	No
24	64	1.0u	0.831m	No
25	21	1.0u	2.637m	Yes
26	20	1.0u	2.765m	Yes
27	30	1.0u	1.792m	Yes
28	37	1.0u	1.462m	Yes
29	22	1.0u	2.426m	Yes
30	33	1.0u	1.616m	Yes
				Detection Rate: 80 %

802.11ac VHT80

Type 2 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	27	3.0u	222.0u	No
2	28	1.5u	162.0u	Yes
3	27	2.8u	154.0u	Yes
4	25	3.1u	183.0u	No
5	26	2.9u	206.0u	Yes
6	26	2.8u	167.0u	Yes
7	24	1.6u	197.0u	Yes
8	25	3.0u	217.0u	No
9	24	2.9u	154.0u	Yes
10	29	1.1u	195.0u	Yes
11	25	4.8u	210.0u	Yes
12	28	4.0u	184.0u	Yes
13	26	3.2u	152.0u	Yes
14	27	1.9u	182.0u	No
15	29	4.7u	217.0u	Yes
16	28	2.2u	191.0u	Yes
17	24	4.7u	211.0u	Yes
18	28	1.2u	164.0u	Yes
19	29	4.4u	218.0u	No
20	25	3.7u	188.0u	Yes
21	28	4.1u	174.0u	Yes
22	28	2.2u	193.0u	Yes
23	29	1.3u	173.0u	Yes
24	25	1.7u	183.0u	Yes
25	27	4.8u	183.0u	Yes
26	26	1.7u	198.0u	Yes
27	25	2.3u	194.0u	No
28	24	3.9u	212.0u	Yes
29	24	1.3u	219.0u	Yes
30	25	4.6u	161.0u	Yes
				Detection Rate: 80 %

802.11ac VHT80

Type 3 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	18	9.7u	469.0u	Yes
2	17	7.2u	453.0u	Yes
3	17	6.3u	291.0u	Yes
4	17	7.2u	376.0u	Yes
5	17	9.2u	324.0u	No
6	17	6.8u	261.0u	Yes
7	17	8.3u	323.0u	Yes
8	18	6.0u	399.0u	No
9	17	9.6u	294.0u	Yes
10	16	7.8u	500.0u	Yes
11	17	6.7u	253.0u	Yes
12	17	9.9u	318.0u	Yes
13	16	8.5u	341.0u	No
14	17	9.2u	314.0u	Yes
15	17	9.9u	373.0u	Yes
16	17	9.1u	376.0u	Yes
17	16	8.7u	458.0u	Yes
18	17	8.6u	265.0u	Yes
19	17	7.0u	405.0u	Yes
20	17	7.6u	403.0u	Yes
21	18	7.9u	237.0u	Yes
22	17	9.7u	389.0u	Yes
23	17	7.1u	368.0u	No
24	17	9.9u	453.0u	Yes
25	17	7.9u	265.0u	Yes
26	18	9.7u	373.0u	Yes
27	16	9.8u	283.0u	Yes
28	17	9.6u	240.0u	No
29	17	9.9u	388.0u	Yes
30	16	7.3u	307.0u	Yes
			Detection Rate: 83.3 %	

802.11ac (VHT80)

Type 4 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	13	16.7u	430.0u	Yes
2	15	18.5u	287.0u	Yes
3	14	13.0u	299.0u	No
4	16	14.5u	467.0u	Yes
5	12	12.9u	337.0u	Yes
6	15	13.8u	490.0u	Yes
7	12	17.1u	275.0u	No
8	14	18.9u	484.0u	Yes
9	15	14.2u	426.0u	Yes
10	15	17.3u	361.0u	Yes
11	16	16.3u	256.0u	Yes
12	15	12.4u	339.0u	Yes
13	14	13.9u	236.0u	Yes
14	12	14.7u	343.0u	Yes
15	14	12.6u	352.0u	No
16	16	17.6u	220.0u	Yes
17	14	11.4u	457.0u	Yes
18	15	18.8u	356.0u	Yes
19	13	19.1u	380.0u	No
20	16	19.3u	439.0u	Yes
21	12	19.8u	424.0u	Yes
22	14	17.1u	220.0u	No
23	12	17.5u	480.0u	Yes
24	15	18.8u	481.0u	Yes
25	13	13.8u	304.0u	No
26	14	19.7u	394.0u	Yes
27	15	11.7u	442.0u	Yes
28	13	15.8u	354.0u	No
29	14	15.6u	448.0u	Yes
30	16	18.4u	300.0u	Yes
			Detection Rate: 76.7 %	

802.11ac (VHT80)

Type 5 Radar Statistical Performances		
Trial #	Test Signal Name	Detection
1	LP_Signal_01	Yes
2	LP_Signal_02	No
3	LP_Signal_03	Yes
4	LP_Signal_04	Yes
5	LP_Signal_05	No
6	LP_Signal_06	Yes
7	LP_Signal_07	Yes
8	LP_Signal_08	Yes
9	LP_Signal_09	Yes
10	LP_Signal_10	Yes
11	LP_Signal_11	Yes
12	LP_Signal_12	No
13	LP_Signal_13	No
14	LP_Signal_14	Yes
15	LP_Signal_15	Yes
16	LP_Signal_16	No
17	LP_Signal_17	Yes
18	LP_Signal_18	Yes
19	LP_Signal_19	Yes
20	LP_Signal_20	Yes
21	LP_Signal_21	Yes
22	LP_Signal_22	Yes
23	LP_Signal_23	Yes
24	LP_Signal_24	Yes
25	LP_Signal_25	Yes
26	LP_Signal_26	No
27	LP_Signal_27	Yes
28	LP_Signal_28	Yes
29	LP_Signal_29	Yes
30	LP_Signal_30	Yes
		Detection Rate: 80.0 %

The Long Pulse Radar pattern shown in Annex B.1

802.11ac (VHT80)

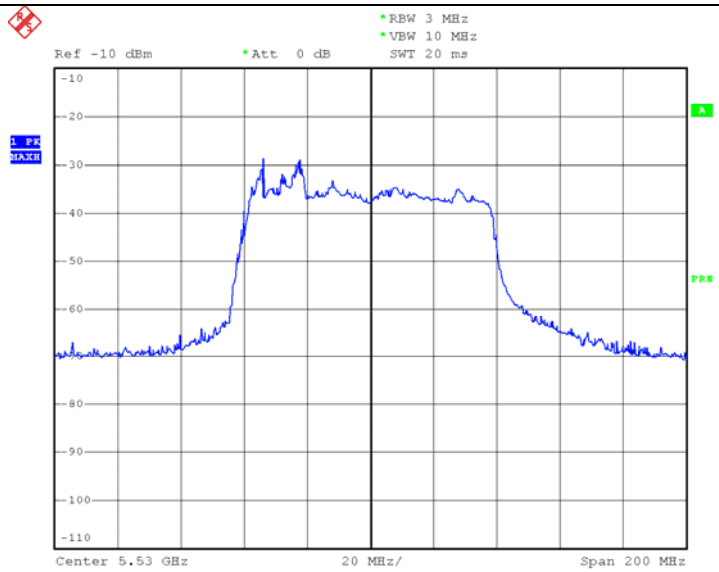
Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width (s)	PRI (s)	Detection
1	9	1.0u	333.0u	Yes
2	9	1.0u	333.0u	Yes
3	9	1.0u	333.0u	Yes
4	9	1.0u	333.0u	Yes
5	9	1.0u	333.0u	No
6	9	1.0u	333.0u	No
7	9	1.0u	333.0u	Yes
8	9	1.0u	333.0u	Yes
9	9	1.0u	333.0u	No
10	9	1.0u	333.0u	Yes
11	9	1.0u	333.0u	No
12	9	1.0u	333.0u	Yes
13	9	1.0u	333.0u	No
14	9	1.0u	333.0u	Yes
15	9	1.0u	333.0u	Yes
16	9	1.0u	333.0u	No
17	9	1.0u	333.0u	Yes
18	9	1.0u	333.0u	Yes
19	9	1.0u	333.0u	Yes
20	9	1.0u	333.0u	Yes
21	9	1.0u	333.0u	Yes
22	9	1.0u	333.0u	Yes
23	9	1.0u	333.0u	Yes
24	9	1.0u	333.0u	Yes
25	9	1.0u	333.0u	Yes
26	9	1.0u	333.0u	Yes
27	9	1.0u	333.0u	Yes
28	9	1.0u	333.0u	Yes
29	9	1.0u	333.0u	Yes
30	9	1.0u	333.0u	Yes
				Detection Rate: 80 %

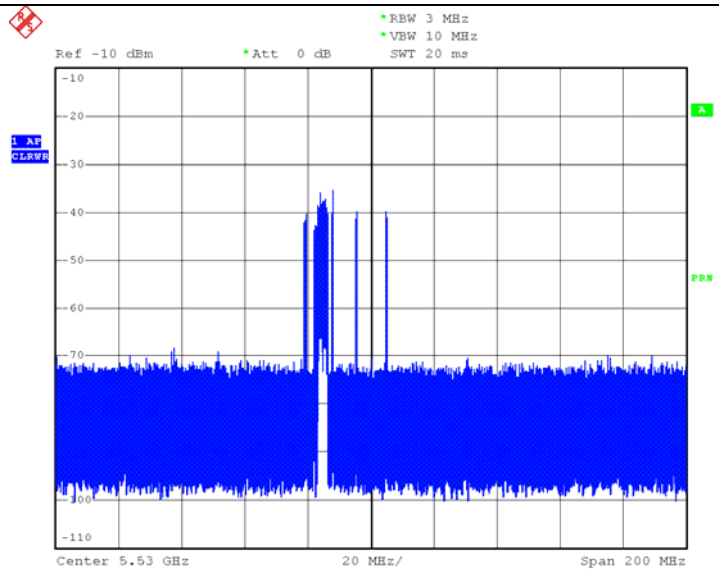
802.11ac (VHT80)

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	No
6	HOP_FREQ_SEQ_06	No
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	No
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	No
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	No
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	No
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 80 %

The Frequency Hopping Radar pattern shown in Annex B.2

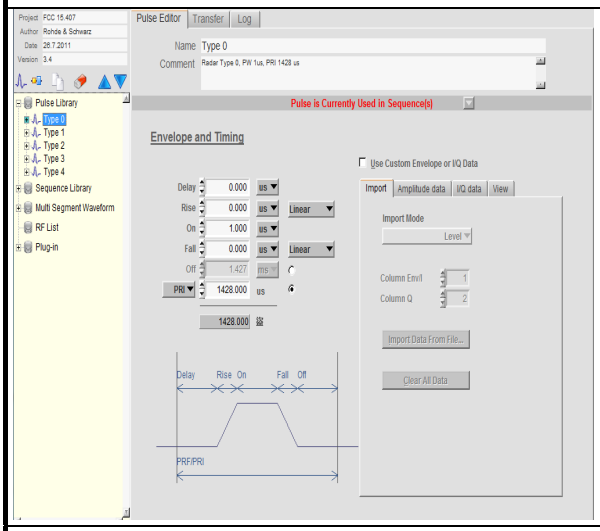
6.2.1.4 NON- OCCUPANCY PERIOD

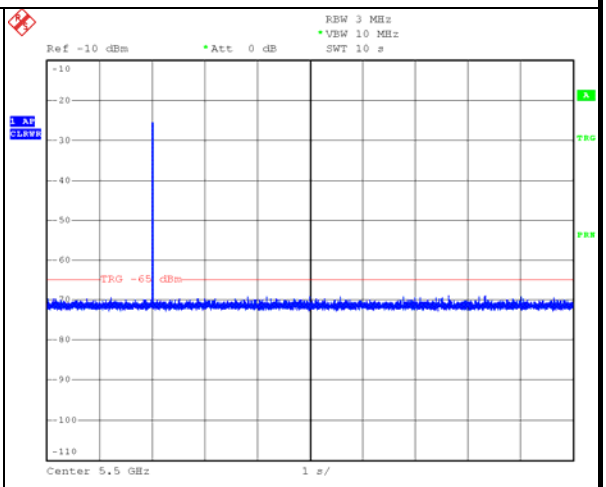
1) Test results demonstrating an associated client link is established with the master on a test frequency.

EUT (master) links with Client on 5530MHz

2) The master and DFS-certified client device are associated, and system testing will be performed with channel-loading using means appropriate to the data types for a non-occupancy period test.


Client using appropriate to the data types via master.

3). The device transmits one type of radar as specified in the DFS Order.



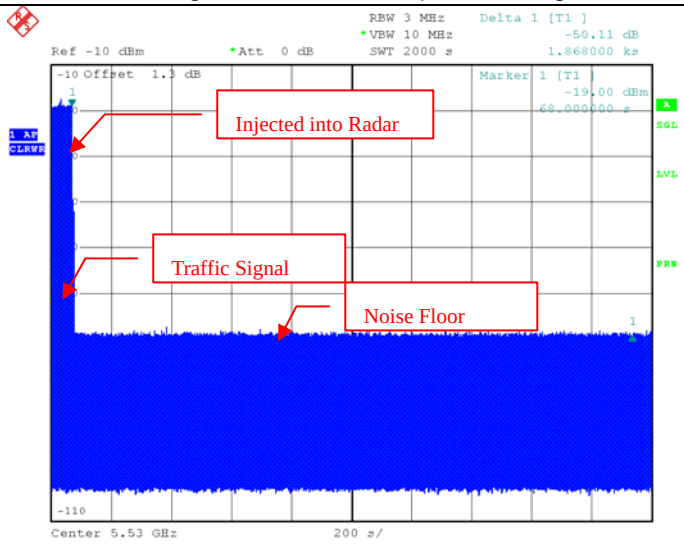


Radar 0 is used to test during DFS testing.

4) The test frequency has been monitored to ensure no transmission of any type has occurred for 30 minutes;

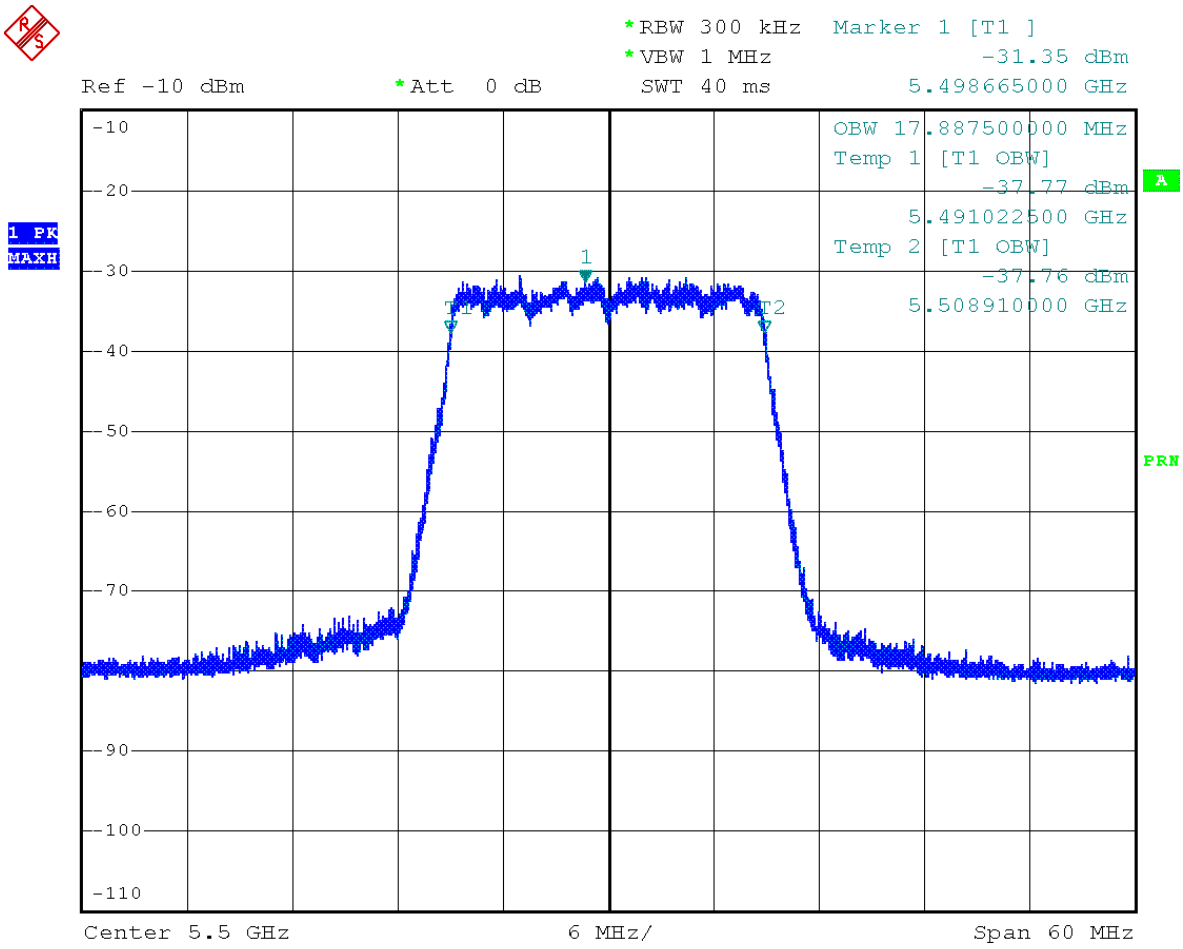
Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear;

5)An analyzer plot that contains a single 30-minute sweep on the original test frequency.



6.2.1.6 U-NII DETECTION BANDWIDTH

802.11ac VHT20

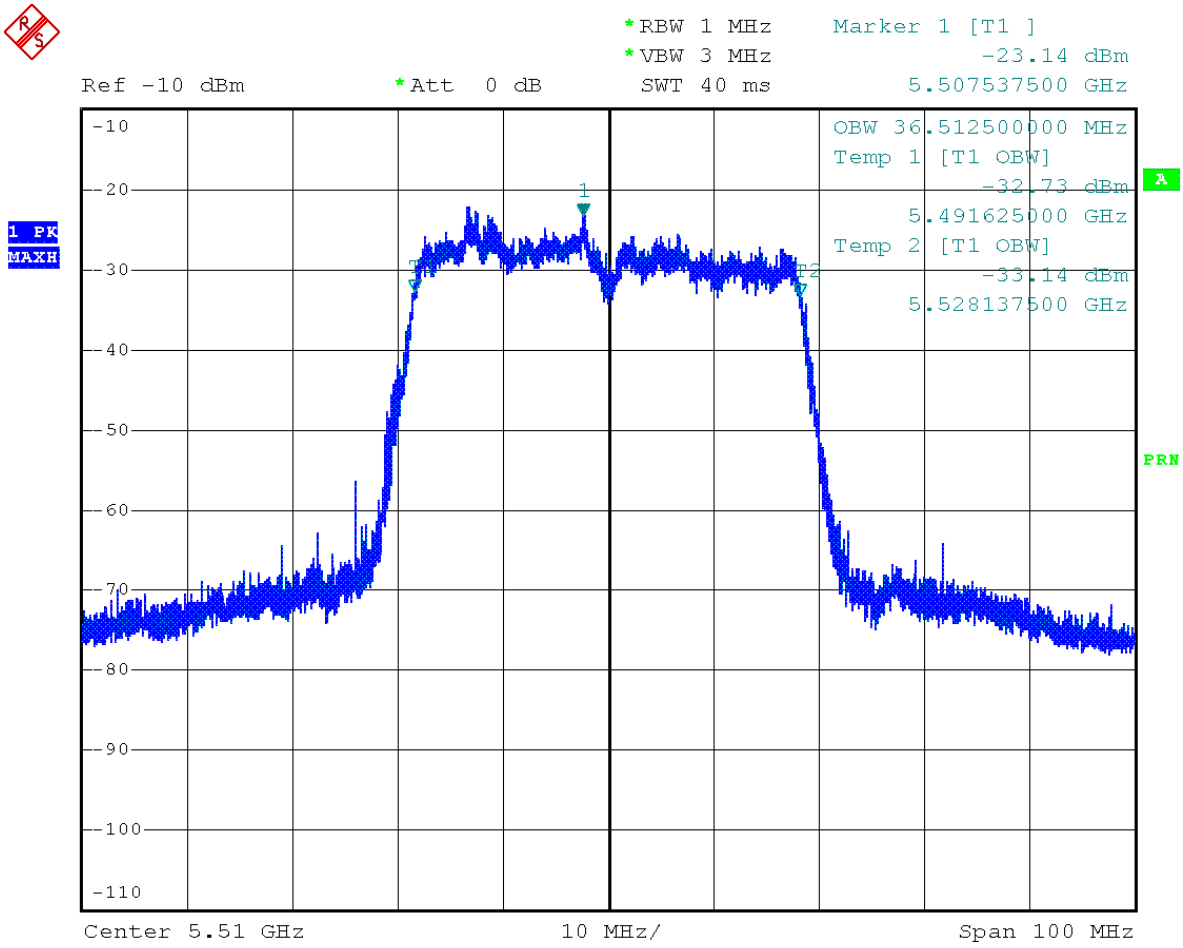


U-NII 99% Channel bandwidth

802.11ac VHT20

Detection Bandwidth Test											
EUT Frequency: 5.500GHz EUT 99% Power bandwidth: 17.89MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 17.89MHz Detection Bandwidth (FH - FL): 18.00MHz Test Result : PASS											
Radar Frequency (Hz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5.490G	No	No	No	No	No	No	No	No	No	No	0
5.491G(FL)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.492G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.493G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.494G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.495G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.496G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.497G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.498G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.499G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.500G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.501G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.502G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.503G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.504G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.505G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.506G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.507G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.508G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.509G (FH)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.510G	No	No	No	No	No	No	No	No	No	No	0

802.11ac VHT40

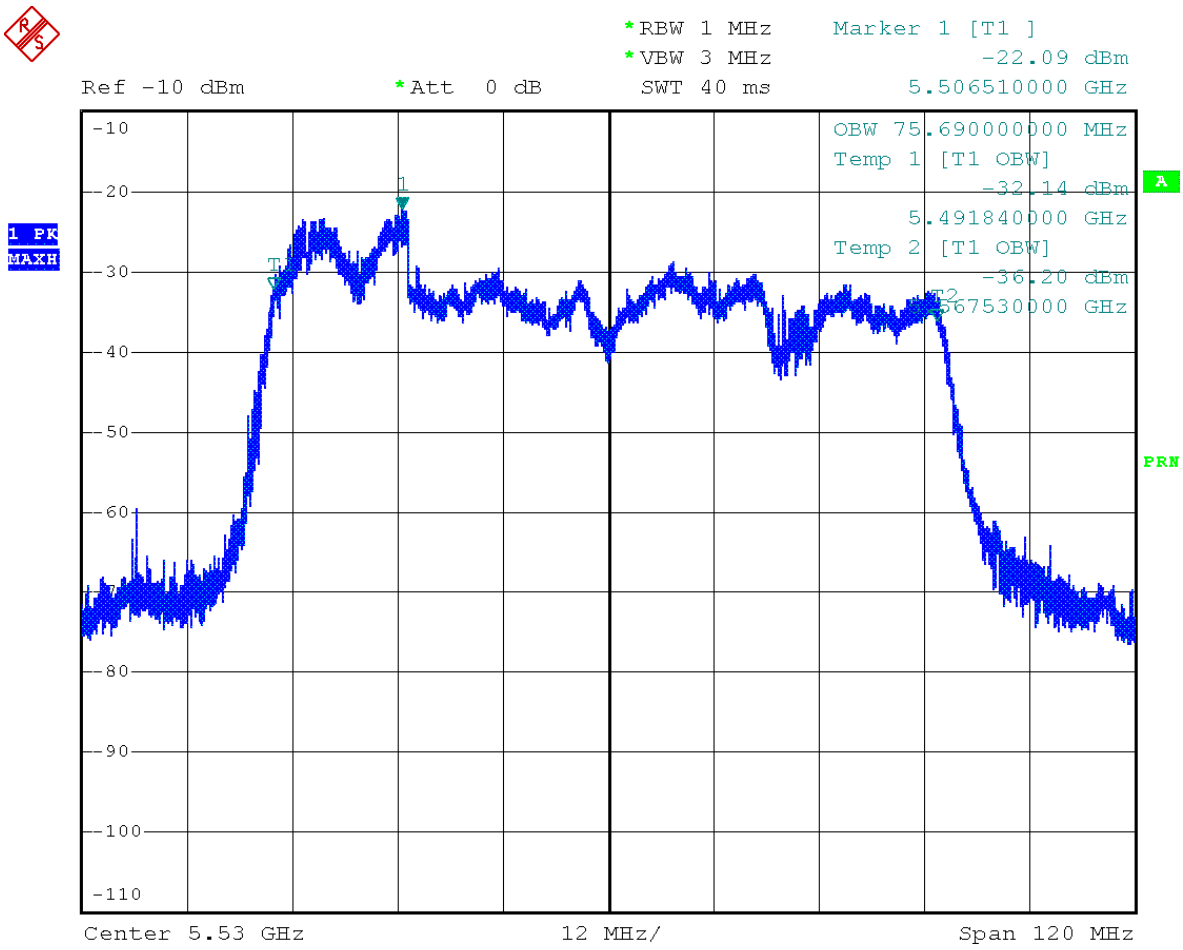


U-NII 99% Channel bandwidth

802.11ac VHT40

Detection Bandwidth Test											
EUT Frequency: 5.510GHz EUT 99% Power bandwidth: 36.5MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 36.5MHz Detection Bandwidth (FH - FL): 37MHz Test Result : PASS											
Radar Frequency (Hz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5.490G	No	No	No	No	No	No	No	No	No	No	0
5.491G(FL)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.492G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.493G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.494G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.495G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.496G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.497G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.498G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.499G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.500G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.501G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.502G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.503G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.504G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.505G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.506G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.507G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.508G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.509G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.510G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.511G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.512G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.513G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.514G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.515G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.516G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.517G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.518G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.519G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.520G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.521G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.522G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.523G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.524G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.525G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.526G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.527G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.528G (FH)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.529G	No	No	No	No	No	No	No	No	No	No	0
5.530G	No	No	No	No	No	No	No	No	No	No	0

802.11ac VHT80



U-NII 99% Channel bandwidth

802.11ac VHT80

Detection Bandwidth Test											
EUT Frequency: 5.530GHz EUT 99% Power bandwidth: 75.69MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 75.69MHz Detection Bandwidth (FH - FL): 76MHz Test Result : PASS											
Radar Frequency (Hz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5.490G	No	No	No	No	No	No	No	No	No	No	0
5.491G	No	No	No	No	No	No	No	No	No	No	0
5.492G(FL)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.493G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.494G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.495G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.496G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.497G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.498G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.499G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.500G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.501G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.502G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.503G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.504G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.505G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.506G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.507G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.508G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.509G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.510G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.511G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.512G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.513G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.514G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.515G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.516G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.517G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.518G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.519G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.520G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.521G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.522G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.523G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.524G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.525G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.526G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.527G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.528G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.529G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.530G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.531G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.532G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100

Radar Frequency (Hz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5.533G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.534G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.535G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.536G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.537G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.538G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.539G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.540G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.541G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.542G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.543G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.544G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.545G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.546G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.547G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.548G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.549G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.550G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.551G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.552G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.553G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.554G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.555G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.556G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.557G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.558G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.559G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.560G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.561G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.562G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.563G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.564G	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.565G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.566G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.567G	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100
5.568G(FH)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90
5.569G	No	No	No	No	No	No	No	No	No	No	0
5.570G	No	No	No	No	No	No	No	No	No	No	0

6.2.1.7 NON-CO-CHANNEL TEST

The UUT was investigated after radar was detected the channel and made sure no co-channel operation with radars.

7 INFORMATION ON THE TESTING LABORATORIES

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

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

Linko EMC/RF Lab:
Tel: 886-2-26052180
Fax: 886-2-26052943

Hsin Chu EMC/RF/Telecom Lab:
Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety Lab:
Tel: 886-3-3183232
Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

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

8 APPENDIX-A

Modifications or adding components during the test

No any modifications are made to the EUT by the lab during the test.

9 APPENDIX-B

RADAR TEST SIGNAL

B.1 The Long Pulse Radar Pattern

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	1	13M	54.6u	-	-	291m
2	2	5M	54.5u	1.615m	-	449m
3	1	5M	75.8u	-	-	36m
4	3	13M	50.8u	1.032m	0.954m	24m
5	1	19M	71.1u	-	-	581m
6	2	14M	66u	0.966m	-	512m
7	1	13M	91.1u	-	-	6m
8	2	17M	57.3u	1.699m	-	492m
9	3	19M	96.8u	1.86m	1.39m	596m
10	1	6M	87.5u	-	-	80m
11	1	11M	57.3u	-	-	86m
12	3	9M	100u	1.413m	1.044m	652m
13	2	12M	62.6u	1.364m	-	577m
14	2	18M	96.3u	1.097m	-	182m
15	3	20M	76.4u	1.45m	1.753m	509m
16	2	9M	99.8u	1.441m	-	157m
17	1	19M	60.3u	-	-	64m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 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	8M	70.7u	0.987m	-	456m
2	2	18M	55.7u	1.521m	-	905m
3	3	11M	55.3u	1.51m	1.132m	632m
4	2	13M	53.2u	1.216m	-	987m
5	3	8M	77.9u	1.431m	1.17m	22m
6	1	8M	53.9u	-	-	238m
7	2	14M	73.5u	1.735m	-	139m
8	3	6M	100u	1.625m	1.183m	807m
9	1	13M	75.3u	-	-	204m
10	3	19M	64.2u	1.658m	1.218m	313m
11	2	7M	75.1u	1.151m	-	977m
12	2	20M	54.3u	0.952m	-	771m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	5M	81.2u	1.508m	-	375.3m
2	2	13M	87.2u	1.457m	-	170.8m
3	2	19M	83.2u	1.378m	-	460.9m
4	2	13M	60.7u	1.050m	-	463.6m
5	1	7M	68.7u	-	-	490.0m
6	3	19M	87.4u	1.065m	1.483m	275.9m
7	1	19M	60.5u	-	-	126.6m
8	2	17M	80.3u	1.166m	-	338.5m
9	1	6M	51.2u	-	-	449.7m
10	2	9M	85.1u	1.504m	-	512.5m
11	1	19M	93.7u	-	-	173.1m
12	1	10M	58.8u	-	-	542.6m
13	2	18M	91.4u	1.786m	-	105.5m
14	3	10M	84.2u	1.753m	917.8u	88.57m
15	1	7M	56.6u	-	-	421.0m
16	2	18M	94.9u	1.709m	-	392.5m
17	1	19M	67.0u	-	-	451.3m
18	2	14M	67.7u	1.582m	-	156.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	11M	84.4u	1.007m	-	64.24m
2	1	19M	72.3u	-	-	107.0m
3	2	8M	84.1u	1.085m	-	348.2m
4	3	6M	96.0u	1.017m	1.583m	113.0m
5	1	14M	71.1u	-	-	40.84m
6	1	13M	50.1u	-	-	406.0m
7	2	7M	82.7u	922.3u	-	3.897m
8	1	15M	72.2u	-	-	161.7m
9	2	8M	85.0u	1.847m	-	546.5m
10	3	11M	78.8u	1.263m	1.427m	162.0m
11	2	16M	92.8u	1.750m	-	478.6m
12	1	11M	61.4u	-	-	138.8m
13	3	7M	78.5u	1.014m	1.805m	245.0m
14	2	14M	85.5u	1.021m	-	174.2m
15	1	20M	84.8u	-	-	396.2m
16	2	16M	90.0u	1.374m	-	438.7m
17	2	8M	82.5u	1.067m	-	355.0m
18	2	13M	96.1u	1.688m	-	439.0m
19	2	18M	81.5u	1.740m	-	116.4m

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	1	13M	72.8u	-	-	755.0m
2	2	17M	76.1u	979.9u	-	206.4m
3	3	16M	69.2u	1.081m	1.068m	600.4m
4	1	20M	64.7u	-	-	307.3m
5	3	11M	66.2u	1.201m	1.421m	273.5m
6	3	15M	99.1u	1.196m	1.843m	154.3m
7	2	10M	57.2u	1.475m	-	90.30m
8	2	10M	52.6u	1.925m	-	313.7m
9	2	11M	92.9u	1.462m	-	393.8m
10	2	15M	97.7u	1.489m	-	802.9m
11	1	7M	97.5u	-	-	687.3m
12	2	13M	85.0u	1.445m	-	207.5m
13	2	17M	56.0u	1.517m	-	525.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	17M	99.7u	-	-	887.6m
2	2	18M	99.9u	949.1u	-	277.0m
3	2	15M	54.3u	1.438m	-	676.8m
4	2	16M	78.6u	1.529m	-	836.5m
5	1	8M	70.8u	-	-	33.68m
6	3	8M	77.2u	1.305m	1.496m	116.3m
7	2	7M	87.4u	1.120m	-	519.5m
8	2	20M	57.5u	1.483m	-	856.7m
9	2	15M	96.7u	1.164m	-	357.1m
10	3	17M	62.7u	1.318m	1.173m	713.3m
11	2	14M	65.7u	1.343m	-	347.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_07 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	16M	61.6u	1.243m	1.759m	234.9m
2	2	16M	74.5u	1.579m	-	600.1m
3	3	19M	68.8u	1.065m	1.383m	490.7m
4	2	18M	59.4u	1.579m	-	629.9m
5	1	8M	97.2u	-	-	948.2m
6	1	13M	57.9u	-	-	40.74m
7	2	15M	58.3u	1.356m	-	268.5m
8	2	10M	98.4u	1.411m	-	870.1m
9	1	12M	83.9u	-	-	677.0m
10	1	8M	77.5u	-	-	213.0m
11	1	7M	74.7u	-	-	444.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	11M	55.0u	-	-	321.6m
2	2	16M	76.7u	976.3u	-	517.8m
3	1	5M	55.8u	-	-	463.3m
4	2	10M	99.2u	1.630m	-	568.4m
5	2	18M	66.9u	1.572m	-	400.8m
6	2	9M	65.4u	1.502m	-	142.1m
7	2	14M	84.5u	995.5u	-	24.71m
8	2	14M	52.1u	960.9u	-	356.8m
9	2	9M	94.1u	1.762m	-	361.1m
10	1	7M	75.8u	-	-	410.8m
11	2	17M	77.4u	992.6u	-	521.8m
12	2	10M	94.0u	1.286m	-	443.7m
13	3	18M	64.4u	1.268m	1.473m	650.1m
14	2	13M	82.9u	1.752m	-	459.9m
15	3	18M	53.1u	1.838m	1.775m	431.4m
16	3	8M	66.8u	1.634m	1.031m	82.77m
17	3	17M	99.0u	1.605m	975.0u	35.44m
18	2	7M	57.4u	1.536m	-	178.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	63.8u	978.2u	-	715.4m
2	1	19M	76.6u	-	-	255.9m
3	1	8M	64.3u	-	-	350.1m
4	2	19M	72.0u	1.253m	-	143.8m
5	2	6M	63.4u	1.201m	-	649.4m
6	3	7M	72.0u	1.399m	1.512m	954.6m
7	2	14M	90.9u	1.181m	-	354.6m
8	2	8M	89.9u	1.882m	-	247.5m
9	3	11M	53.5u	1.032m	1.813m	319.5m
10	2	9M	98.5u	1.420m	-	85.00m
11	1	19M	58.8u	-	-	444.1m
12	3	20M	79.7u	1.878m	1.389m	224.3m

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	2	16M	76.3u	996.7u	-	77.14m
2	1	14M	51.7u	-	-	749.5m
3	1	19M	96.3u	-	-	391.2m
4	1	14M	83.7u	-	-	452.0m
5	2	18M	98.4u	1.121m	-	654.6m
6	2	13M	53.3u	1.420m	-	830.3m
7	2	19M	64.7u	1.218m	-	137.7m
8	2	17M	89.0u	1.433m	-	866.0m
9	2	18M	88.1u	1.406m	-	605.7m
10	3	20M	97.1u	1.483m	1.434m	25.60m
11	3	6M	80.4u	1.716m	1.428m	383.8m
12	2	7M	65.3u	1.419m	-	589.0m
13	1	19M	52.6u	-	-	29.40m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	76.9u	-	-	28.65m
2	3	8M	90.7u	1.186m	954.3u	214.6m
3	3	8M	61.8u	1.758m	1.658m	648.6m
4	1	9M	57.7u	-	-	614.0m
5	1	13M	94.3u	-	-	138.3m
6	2	20M	54.9u	1.676m	-	188.0m
7	3	10M	91.6u	1.778m	1.377m	544.6m
8	1	6M	91.8u	-	-	716.7m
9	2	11M	94.8u	1.203m	-	403.7m
10	3	12M	64.4u	1.622m	1.616m	13.73m
11	2	15M	80.3u	1.411m	-	258.7m
12	3	11M	73.0u	1.334m	1.399m	666.9m
13	3	8M	83.5u	1.349m	1.579m	712.7m
14	2	16M	69.8u	986.2u	-	577.2m
15	2	11M	61.6u	1.633m	-	359.1m
16	2	6M	88.1u	1.634m	-	537.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 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	94.9u	1.559m	-	316.4m
2	2	10M	86.3u	1.825m	-	1.037
3	2	15M	55.8u	1.056m	-	426.0m
4	2	17M	98.3u	1.676m	-	578.2m
5	2	7M	76.8u	1.874m	-	562.6m
6	2	19M	77.2u	1.477m	-	228.4m
7	2	9M	65.9u	1.555m	-	797.9m
8	3	16M	71.9u	1.643m	1.672m	710.7m
9	2	18M	93.9u	1.567m	-	1.039
10	3	8M	74.4u	1.494m	1.885m	1.034

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	98.9u	1.127m	-	445.1m
2	1	14M	60.0u	-	-	433.1m
3	3	9M	77.8u	1.039m	1.869m	476.9m
4	2	16M	69.9u	1.442m	-	720.7m
5	2	12M	73.5u	1.564m	-	239.6m
6	2	6M	55.2u	1.536m	-	133.7m
7	1	7M	75.4u	-	-	323.9m
8	3	8M	58.8u	1.560m	1.912m	287.6m
9	2	17M	63.5u	1.840m	-	424.1m
10	2	14M	93.5u	1.685m	-	379.1m
11	2	11M	63.7u	1.356m	-	375.0m
12	2	16M	55.9u	1.902m	-	105.9m
13	3	8M	99.3u	1.615m	952.7u	18.13m
14	1	17M	99.8u	-	-	385.9m
15	3	18M	98.9u	1.680m	1.593m	215.3m
16	3	12M	96.1u	1.358m	922.9u	158.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_14 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	88.7u	1.588m	1.075m	283.6m
2	3	18M	57.0u	1.706m	1.617m	710.1m
3	2	17M	99.6u	1.794m	-	527.8m
4	1	15M	65.5u	-	-	793.0m
5	3	7M	50.0u	1.903m	1.131m	671.2m
6	1	13M	78.9u	-	-	374.6m
7	1	14M	97.1u	-	-	763.5m
8	3	9M	58.3u	965.7u	1.882m	392.0m
9	1	18M	62.5u	-	-	392.5m
10	3	6M	93.9u	1.675m	1.404m	291.0m
11	1	11M	83.3u	-	-	34.52m
12	2	5M	81.7u	1.208m	-	766.8m
13	2	12M	93.3u	1.713m	-	695.5m
14	2	16M	92.7u	1.244m	-	643.1m
15	2	18M	69.3u	1.120m	-	17.10m

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	6M	97.5u	-	-	612.1m
2	2	6M	71.0u	1.255m	-	19.03m
3	3	15M	50.7u	1.720m	1.839m	162.8m
4	3	15M	83.0u	1.817m	1.458m	492.8m
5	2	11M	99.5u	1.735m	-	220.6m
6	2	20M	67.7u	1.535m	-	185.8m
7	3	14M	75.3u	1.103m	1.428m	376.0m
8	1	13M	96.2u	-	-	510.6m
9	2	6M	92.1u	1.290m	-	380.7m
10	3	12M	77.2u	1.815m	952.8u	544.4m
11	2	8M	78.3u	1.597m	-	384.6m
12	2	5M	94.6u	931.4u	-	573.8m
13	3	15M	72.8u	958.2u	1.172m	69.64m
14	3	6M	55.8u	1.273m	1.580m	476.0m
15	2	6M	83.3u	1.684m	-	537.2m
16	3	5M	75.2u	1.104m	1.384m	491.9m
17	2	10M	50.7u	1.056m	-	220.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 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	8M	54.3u	1.565m	-	127.0m
2	2	7M	85.4u	1.839m	-	550.9m
3	2	8M	73.2u	1.782m	-	500.0m
4	3	17M	97.0u	1.222m	1.823m	681.6m
5	2	18M	83.4u	983.6u	-	478.3m
6	3	6M	60.5u	1.810m	1.872m	306.3m
7	3	15M	79.2u	1.754m	1.285m	352.0m
8	1	14M	75.5u	-	-	58.37m
9	3	19M	98.9u	1.132m	1.342m	330.6m
10	1	18M	56.0u	-	-	677.2m
11	1	8M	98.5u	-	-	199.8m
12	3	15M	97.2u	1.903m	1.240m	205.7m
13	3	14M	62.8u	1.131m	990.2u	656.7m
14	3	6M	87.5u	1.803m	935.5u	415.9m
15	1	9M	68.8u	-	-	672.2m
16	2	13M	55.4u	1.033m	-	180.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	74.8u	1.083m	-	422.5m
2	3	18M	62.8u	1.552m	1.549m	352.2m
3	1	17M	76.8u	-	-	12.74m
4	3	15M	98.8u	1.188m	1.113m	620.5m
5	3	10M	74.2u	1.887m	1.406m	333.8m
6	2	5M	66.0u	1.686m	-	36.88m
7	1	12M	80.1u	-	-	604.9m
8	1	5M	94.4u	-	-	582.7m
9	3	12M	99.4u	979.6u	1.384m	461.2m
10	2	6M	50.2u	952.8u	-	308.9m
11	3	6M	64.0u	1.449m	1.261m	463.2m
12	1	8M	74.5u	-	-	639.6m
13	1	10M	61.5u	-	-	399.0m
14	3	18M	99.9u	1.371m	1.693m	296.0m
15	2	14M	98.6u	1.462m	-	198.2m
16	2	6M	63.2u	1.911m	-	76.82m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	51.1u	1.769m	-	756.1m
2	2	14M	62.7u	970.3u	-	390.8m
3	2	6M	86.3u	1.827m	-	418.7m
4	2	9M	60.5u	1.623m	-	586.8m
5	2	12M	71.6u	1.770m	-	904.4m
6	3	10M	63.0u	1.020m	1.598m	564.1m
7	3	16M	50.1u	1.142m	1.447m	134.1m
8	3	5M	98.0u	1.367m	1.662m	297.4m
9	2	6M	90.6u	1.017m	-	405.7m
10	3	19M	67.3u	1.096m	1.034m	341.5m
11	2	20M	95.9u	1.002m	-	458.8m
12	2	16M	59.1u	1.454m	-	64.45m
13	2	11M	56.7u	1.366m	-	816.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 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	11M	76.7u	1.719m	1.747m	249.9m
2	1	8M	68.3u	-	-	532.4m
3	3	8M	69.7u	1.577m	1.420m	243.5m
4	2	10M	72.4u	1.555m	-	621.9m
5	1	18M	74.4u	-	-	263.0m
6	3	19M	61.5u	984.5u	1.377m	170.0m
7	1	13M	73.2u	-	-	126.7m
8	1	18M	66.4u	-	-	105.6m
9	3	19M	92.9u	1.209m	1.330m	173.5m
10	2	13M	77.6u	1.373m	-	516.6m
11	3	11M	56.6u	1.340m	1.760m	364.9m
12	1	13M	69.1u	-	-	422.8m
13	2	20M	99.3u	1.088m	-	330.9m
14	2	7M	100.0u	1.813m	-	89.91m
15	3	18M	61.7u	1.844m	1.304m	125.8m
16	3	13M	70.5u	1.404m	1.631m	483.4m
17	1	6M	86.2u	-	-	124.9m
18	3	10M	67.5u	1.208m	1.793m	564.8m
19	2	6M	93.5u	1.172m	-	2.662m

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	2	14M	73.9u	1.765m	-	68.23m
2	2	15M	85.6u	1.261m	-	583.2m
3	3	8M	59.5u	1.635m	1.249m	98.49m
4	1	16M	70.6u	-	-	490.7m
5	2	8M	75.6u	1.564m	-	538.6m
6	1	20M	86.5u	-	-	516.5m
7	2	19M	79.7u	1.599m	-	631.4m
8	2	20M	99.9u	1.830m	-	189.1m
9	1	12M	80.9u	-	-	726.7m
10	2	20M	54.5u	1.373m	-	19.85m
11	2	8M	73.5u	1.872m	-	383.9m
12	2	9M	81.0u	931.0u	-	419.1m
13	2	5M	82.5u	1.593m	-	53.97m
14	2	13M	57.6u	1.496m	-	718.9m
15	2	12M	64.3u	1.633m	-	597.5m
16	1	10M	81.3u	-	-	407.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 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	15M	67.2u	-	-	533.7m
2	1	19M	84.2u	-	-	293.1m
3	3	12M	77.9u	1.906m	1.282m	242.9m
4	2	16M	87.6u	1.547m	-	25.02m
5	2	20M	67.0u	1.319m	-	654.3m
6	2	8M	82.6u	1.353m	-	509.6m
7	3	20M	73.9u	1.179m	1.278m	468.2m
8	1	8M	95.1u	-	-	490.9m
9	3	10M	75.4u	1.839m	1.887m	50.03m
10	2	9M	93.3u	1.598m	-	377.7m
11	2	9M	68.3u	1.021m	-	639.0m
12	2	6M	77.9u	1.022m	-	175.3m
13	2	6M	67.8u	1.407m	-	153.7m
14	1	18M	80.7u	-	-	736.3m
15	1	18M	99.9u	-	-	66.88m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	10M	56.6u	1.045m	-	174.2m
2	1	11M	79.1u	-	-	248.9m
3	3	13M	58.6u	1.323m	1.310m	512.2m
4	3	14M	98.6u	1.183m	1.622m	304.2m
5	1	16M	92.1u	-	-	260.7m
6	1	10M	96.5u	-	-	507.7m
7	1	16M	68.3u	-	-	273.5m
8	3	20M	87.0u	1.749m	1.708m	354.0m
9	3	17M	55.7u	1.886m	1.645m	110.9m
10	2	6M	89.0u	1.332m	-	280.0m
11	2	20M	96.0u	1.210m	-	343.5m
12	2	19M	51.4u	1.369m	-	212.9m
13	2	13M	66.7u	1.824m	-	32.44m
14	1	6M	51.9u	-	-	240.9m
15	1	16M	63.0u	-	-	194.1m
16	1	18M	58.5u	-	-	41.09m
17	2	18M	89.6u	1.133m	-	258.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 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	13M	67.7u	1.093m	-	737.5m
2	2	8M	54.6u	1.000m	-	61.80m
3	3	13M	63.9u	1.115m	1.413m	563.9m
4	1	10M	56.5u	-	-	416.3m
5	1	5M	57.3u	-	-	150.5m
6	3	6M	80.8u	1.586m	1.576m	550.8m
7	2	12M	68.7u	1.659m	-	650.6m
8	1	9M	84.9u	-	-	298.6m
9	3	12M	72.8u	1.073m	1.787m	168.2m
10	1	11M	62.6u	-	-	575.0m
11	1	12M	71.7u	-	-	138.9m
12	3	18M	80.9u	1.091m	1.426m	348.5m
13	2	7M	96.3u	943.7u	-	424.0m
14	1	18M	52.2u	-	-	120.2m
15	1	9M	50.6u	-	-	290.9m
16	1	11M	55.5u	-	-	583.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	10M	54.6u	-	-	224.1m
2	3	11M	82.8u	1.400m	1.447m	673.1m
3	2	9M	97.8u	1.020m	-	342.1m
4	3	6M	87.8u	1.672m	1.425m	523.5m
5	3	14M	66.4u	1.659m	1.326m	292.4m
6	2	11M	58.6u	1.175m	-	28.37m
7	2	19M	62.3u	1.112m	-	181.8m
8	1	17M	77.2u	-	-	782.1m
9	2	8M	52.0u	1.638m	-	294.9m
10	2	15M	58.0u	1.687m	-	638.9m
11	2	14M	66.7u	1.523m	-	186.0m
12	2	17M	73.2u	1.464m	-	761.2m
13	2	15M	93.5u	986.5u	-	577.6m
14	1	19M	73.0u	-	-	559.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 10						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	70.5u	1.885m	1.806m	737.1m
2	2	9M	81.0u	1.782m	-	489.1m
3	2	9M	95.8u	1.678m	-	9.062m
4	3	18M	55.7u	1.322m	1.570m	57.15m
5	1	7M	75.7u	-	-	389.8m
6	1	6M	67.3u	-	-	66.03m
7	2	15M	63.7u	1.157m	-	263.4m
8	2	12M	86.7u	1.256m	-	618.2m
9	3	10M	90.7u	1.129m	1.119m	568.1m
10	2	17M	96.6u	1.317m	-	1.058

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	14M	76.4u	1.920m	-	80.87m
2	2	11M	61.3u	1.905m	-	51.07m
3	1	13M	93.4u	-	-	726.7m
4	2	15M	100.0u	1.552m	-	722.6m
5	2	19M	72.4u	1.778m	-	195.8m
6	1	18M	76.8u	-	-	99.41m
7	2	10M	69.6u	1.042m	-	67.05m
8	2	14M	98.2u	903.8u	-	505.1m
9	2	15M	94.8u	1.781m	-	191.9m
10	2	17M	63.2u	1.537m	-	626.2m
11	3	13M	92.3u	1.407m	1.906m	263.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 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	15M	87.0u	1.868m	1.262m	1.072
2	2	8M	79.3u	959.7u	-	390.7m
3	2	7M	86.1u	1.499m	-	170.9m
4	1	9M	78.7u	-	-	778.9m
5	3	6M	78.6u	1.116m	1.871m	1.041
6	3	18M	92.7u	1.275m	952.3u	238.4m
7	2	19M	62.8u	1.864m	-	466.6m
8	1	5M	84.8u	-	-	305.5m
9	2	9M	74.2u	1.145m	-	773.6m
10	2	10M	70.6u	997.4u	-	683.1m
11	2	17M	60.5u	1.646m	-	553.9m

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	18M	66.9u	1.536m	-	718.9m
2	2	17M	94.2u	1.596m	-	589.9m
3	2	16M	50.2u	1.906m	-	635.7m
4	2	11M	89.0u	1.434m	-	699.2m
5	3	9M	78.3u	1.511m	1.688m	632.5m
6	1	15M	69.6u	-	-	259.8m
7	1	8M	93.5u	-	-	3.124m
8	2	15M	76.7u	1.753m	-	295.7m
9	3	13M	89.9u	1.728m	1.806m	236.9m
10	2	15M	92.7u	1.434m	-	624.9m
11	2	14M	96.0u	1.702m	-	291.2m
12	3	14M	80.0u	1.766m	1.437m	752.2m
13	1	7M	94.0u	-	-	693.0m
14	1	13M	66.5u	-	-	573.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	83.6u	1.238m	-	507.1m
2	3	18M	69.1u	1.349m	967.9u	480.7m
3	2	11M	95.6u	1.455m	-	58.61m
4	3	10M	76.5u	1.907m	1.823m	66.68m
5	1	18M	63.3u	-	-	551.6m
6	1	9M	66.2u	-	-	376.1m
7	2	7M	71.1u	1.793m	-	350.2m
8	1	6M	72.1u	-	-	521.8m
9	2	14M	63.6u	1.334m	-	362.5m
10	2	17M	60.5u	1.823m	-	264.9m
11	2	14M	51.6u	1.506m	-	401.8m
12	2	16M	91.5u	1.456m	-	95.81m
13	2	14M	74.8u	1.393m	-	281.5m
14	2	8M	57.4u	1.779m	-	257.1m
15	3	16M	61.7u	1.416m	1.001m	569.1m
16	2	10M	50.5u	1.477m	-	614.9m
17	2	17M	94.5u	1.707m	-	293.9m
18	2	15M	93.9u	1.534m	-	531.8m
19	2	6M	60.9u	1.324m	-	378.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	85.0u	1.720m	-	533.9m
2	2	8M	80.8u	932.2u	-	72.43m
3	1	10M	97.2u	-	-	236.6m
4	2	9M	76.6u	1.156m	-	260.1m
5	3	10M	89.2u	1.764m	1.184m	83.87m
6	2	20M	94.4u	1.798m	-	365.0m
7	3	7M	94.0u	1.295m	1.757m	457.3m
8	2	9M	51.0u	1.627m	-	229.2m
9	3	9M	78.6u	1.787m	1.515m	241.8m
10	2	6M	52.5u	1.628m	-	552.7m
11	2	18M	59.9u	1.701m	-	135.8m
12	1	9M	61.5u	-	-	357.0m
13	2	15M	96.2u	1.353m	-	359.0m
14	2	17M	51.7u	1.222m	-	226.5m
15	2	15M	88.0u	1.653m	-	395.4m
16	2	10M	93.8u	1.769m	-	229.7m
17	3	13M	67.8u	1.176m	1.410m	472.2m
18	2	13M	70.2u	1.883m	-	228.1m
19	2	5M	65.5u	1.796m	-	82.19m

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.644G	2	5.606G	3	5.613G	4	5.652G
5	5.614G	6	5.587G	7	5.591G	8	5.664G
9	5.449G	10	5.288G	11	5.501G	12	5.327G
13	5.458G	14	5.323G	15	5.315G	16	5.375G
17	5.256G	18	5.662G	19	5.389G	20	5.630G
21	5.477G	22	5.474G	23	5.523G	24	5.420G
25	5.277G	26	5.553G	27	5.427G	28	5.302G
29	5.642G	30	5.251G	31	5.611G	32	5.410G
33	5.439G	34	5.491G	35	5.397G	36	5.295G
37	5.402G	38	5.568G	39	5.536G	40	5.685G
41	5.678G	42	5.326G	43	5.309G	44	5.510G
45	5.486G	46	5.365G	47	5.450G	48	5.285G
49	5.257G	50	5.371G	51	5.668G	52	5.473G
53	5.634G	54	5.658G	55	5.681G	56	5.287G
57	5.711G	58	5.503G	59	5.452G	60	5.496G
61	5.595G	62	5.274G	63	5.325G	64	5.519G
65	5.338G	66	5.412G	67	5.352G	68	5.647G
69	5.705G	70	5.262G	71	5.554G	72	5.341G
73	5.290G	74	5.381G	75	5.625G	76	5.329G
77	5.603G	78	5.317G	79	5.666G	80	5.314G
81	5.476G	82	5.319G	83	5.385G	84	5.561G
85	5.268G	86	5.298G	87	5.672G	88	5.388G
89	5.331G	90	5.350G	91	5.322G	92	5.455G
93	5.631G	94	5.456G	95	5.708G	96	5.548G
97	5.407G	98	5.332G	99	5.471G	100	5.294G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.382G	2	5.466G	3	5.593G	4	5.671G
5	5.461G	6	5.313G	7	5.562G	8	5.471G
9	5.565G	10	5.270G	11	5.437G	12	5.694G
13	5.617G	14	5.414G	15	5.322G	16	5.600G
17	5.649G	18	5.705G	19	5.548G	20	5.352G
21	5.710G	22	5.646G	23	5.512G	24	5.423G
25	5.328G	26	5.370G	27	5.637G	28	5.280G
29	5.700G	30	5.284G	31	5.422G	32	5.657G
33	5.675G	34	5.357G	35	5.287G	36	5.547G
37	5.525G	38	5.407G	39	5.709G	40	5.327G
41	5.655G	42	5.334G	43	5.346G	44	5.454G
45	5.395G	46	5.505G	47	5.647G	48	5.595G
49	5.415G	50	5.615G	51	5.650G	52	5.631G
53	5.274G	54	5.622G	55	5.504G	56	5.295G
57	5.266G	58	5.301G	59	5.470G	60	5.329G
61	5.438G	62	5.316G	63	5.588G	64	5.673G
65	5.277G	66	5.381G	67	5.291G	68	5.451G
69	5.714G	70	5.336G	71	5.262G	72	5.587G
73	5.497G	74	5.263G	75	5.353G	76	5.477G
77	5.429G	78	5.518G	79	5.307G	80	5.638G
81	5.366G	82	5.433G	83	5.399G	84	5.483G
85	5.691G	86	5.281G	87	5.324G	88	5.680G
89	5.446G	90	5.648G	91	5.335G	92	5.670G
93	5.367G	94	5.376G	95	5.711G	96	5.358G
97	5.640G	98	5.392G	99	5.723G	100	5.706G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.540G	2	5.474G	3	5.628G	4	5.645G
5	5.565G	6	5.307G	7	5.279G	8	5.434G
9	5.428G	10	5.667G	11	5.384G	12	5.550G
13	5.303G	14	5.293G	15	5.691G	16	5.305G
17	5.706G	18	5.409G	19	5.500G	20	5.253G
21	5.265G	22	5.686G	23	5.559G	24	5.422G
25	5.651G	26	5.612G	27	5.287G	28	5.322G
29	5.400G	30	5.624G	31	5.472G	32	5.451G
33	5.435G	34	5.630G	35	5.350G	36	5.701G
37	5.260G	38	5.273G	39	5.548G	40	5.399G
41	5.406G	42	5.670G	43	5.456G	44	5.390G
45	5.416G	46	5.345G	47	5.549G	48	5.581G
49	5.353G	50	5.433G	51	5.258G	52	5.555G
53	5.388G	54	5.695G	55	5.539G	56	5.595G
57	5.455G	58	5.393G	59	5.713G	60	5.484G
61	5.679G	62	5.698G	63	5.266G	64	5.270G
65	5.501G	66	5.326G	67	5.556G	68	5.620G
69	5.538G	70	5.690G	71	5.671G	72	5.566G
73	5.544G	74	5.300G	75	5.308G	76	5.632G
77	5.482G	78	5.527G	79	5.361G	80	5.359G
81	5.634G	82	5.297G	83	5.534G	84	5.473G
85	5.277G	86	5.344G	87	5.674G	88	5.310G
89	5.589G	90	5.286G	91	5.453G	92	5.711G
93	5.334G	94	5.692G	95	5.717G	96	5.250G
97	5.354G	98	5.448G	99	5.639G	100	5.460G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.341G	2	5.312G	3	5.363G	4	5.435G
5	5.606G	6	5.387G	7	5.487G	8	5.678G
9	5.647G	10	5.292G	11	5.270G	12	5.251G
13	5.609G	14	5.572G	15	5.322G	16	5.653G
17	5.584G	18	5.279G	19	5.420G	20	5.369G
21	5.534G	22	5.461G	23	5.523G	24	5.674G
25	5.380G	26	5.469G	27	5.268G	28	5.308G
29	5.282G	30	5.368G	31	5.365G	32	5.300G
33	5.527G	34	5.271G	35	5.456G	36	5.352G
37	5.319G	38	5.290G	39	5.708G	40	5.381G
41	5.506G	42	5.482G	43	5.309G	44	5.479G
45	5.614G	46	5.578G	47	5.687G	48	5.371G
49	5.490G	50	5.338G	51	5.320G	52	5.484G
53	5.255G	54	5.531G	55	5.447G	56	5.513G
57	5.549G	58	5.302G	59	5.525G	60	5.557G
61	5.680G	62	5.540G	63	5.672G	64	5.621G
65	5.465G	66	5.613G	67	5.710G	68	5.561G
69	5.305G	70	5.294G	71	5.462G	72	5.343G
73	5.478G	74	5.288G	75	5.321G	76	5.610G
77	5.569G	78	5.332G	79	5.570G	80	5.535G
81	5.351G	82	5.652G	83	5.598G	84	5.417G
85	5.375G	86	5.533G	87	5.668G	88	5.386G
89	5.284G	90	5.551G	91	5.515G	92	5.264G
93	5.654G	94	5.617G	95	5.390G	96	5.641G
97	5.437G	98	5.357G	99	5.374G	100	5.555G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.484G	2	5.630G	3	5.702G	4	5.367G
5	5.260G	6	5.335G	7	5.520G	8	5.347G
9	5.646G	10	5.708G	11	5.282G	12	5.315G
13	5.515G	14	5.268G	15	5.540G	16	5.311G
17	5.631G	18	5.303G	19	5.658G	20	5.527G
21	5.455G	22	5.700G	23	5.657G	24	5.256G
25	5.609G	26	5.423G	27	5.326G	28	5.684G
29	5.644G	30	5.586G	31	5.454G	32	5.543G
33	5.595G	34	5.421G	35	5.472G	36	5.349G
37	5.687G	38	5.375G	39	5.650G	40	5.322G
41	5.634G	42	5.415G	43	5.490G	44	5.358G
45	5.704G	46	5.555G	47	5.541G	48	5.403G
49	5.502G	50	5.696G	51	5.587G	52	5.431G
53	5.692G	54	5.400G	55	5.350G	56	5.589G
57	5.312G	58	5.458G	59	5.366G	60	5.691G
61	5.623G	62	5.614G	63	5.336G	64	5.625G
65	5.284G	66	5.343G	67	5.296G	68	5.433G
69	5.307G	70	5.356G	71	5.558G	72	5.514G
73	5.576G	74	5.420G	75	5.408G	76	5.505G
77	5.422G	78	5.474G	79	5.706G	80	5.471G
81	5.550G	82	5.560G	83	5.354G	84	5.680G
85	5.265G	86	5.666G	87	5.641G	88	5.709G
89	5.564G	90	5.352G	91	5.383G	92	5.526G
93	5.468G	94	5.578G	95	5.671G	96	5.562G
97	5.273G	98	5.718G	99	5.719G	100	5.645G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.280G	2	5.710G	3	5.604G	4	5.327G
5	5.290G	6	5.424G	7	5.680G	8	5.373G
9	5.613G	10	5.399G	11	5.534G	12	5.433G
13	5.293G	14	5.669G	15	5.495G	16	5.362G
17	5.634G	18	5.319G	19	5.487G	20	5.532G
21	5.647G	22	5.385G	23	5.348G	24	5.485G
25	5.263G	26	5.593G	27	5.390G	28	5.405G
29	5.285G	30	5.688G	31	5.295G	32	5.607G
33	5.294G	34	5.512G	35	5.724G	36	5.430G
37	5.658G	38	5.629G	39	5.465G	40	5.332G
41	5.712G	42	5.254G	43	5.356G	44	5.365G
45	5.407G	46	5.685G	47	5.635G	48	5.538G
49	5.421G	50	5.609G	51	5.612G	52	5.591G
53	5.417G	54	5.681G	55	5.529G	56	5.570G
57	5.569G	58	5.676G	59	5.502G	60	5.589G
61	5.665G	62	5.602G	63	5.655G	64	5.392G
65	5.462G	66	5.603G	67	5.592G	68	5.428G
69	5.403G	70	5.262G	71	5.296G	72	5.704G
73	5.473G	74	5.513G	75	5.703G	76	5.329G
77	5.578G	78	5.558G	79	5.667G	80	5.398G
81	5.605G	82	5.443G	83	5.470G	84	5.625G
85	5.402G	86	5.256G	87	5.427G	88	5.516G
89	5.559G	90	5.638G	91	5.272G	92	5.599G
93	5.674G	94	5.395G	95	5.503G	96	5.615G
97	5.623G	98	5.388G	99	5.539G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.640G	2	5.699G	3	5.356G	4	5.443G
5	5.256G	6	5.506G	7	5.593G	8	5.305G
9	5.311G	10	5.670G	11	5.509G	12	5.622G
13	5.501G	14	5.698G	15	5.286G	16	5.682G
17	5.603G	18	5.687G	19	5.632G	20	5.380G
21	5.695G	22	5.426G	23	5.439G	24	5.341G
25	5.289G	26	5.415G	27	5.691G	28	5.532G
29	5.452G	30	5.574G	31	5.689G	32	5.697G
33	5.643G	34	5.339G	35	5.570G	36	5.274G
37	5.372G	38	5.468G	39	5.298G	40	5.464G
41	5.373G	42	5.314G	43	5.334G	44	5.342G
45	5.431G	46	5.616G	47	5.719G	48	5.459G
49	5.528G	50	5.572G	51	5.322G	52	5.410G
53	5.589G	54	5.590G	55	5.319G	56	5.626G
57	5.615G	58	5.646G	59	5.293G	60	5.255G
61	5.497G	62	5.557G	63	5.511G	64	5.617G
65	5.463G	66	5.420G	67	5.525G	68	5.614G
69	5.425G	70	5.444G	71	5.266G	72	5.594G
73	5.688G	74	5.641G	75	5.517G	76	5.345G
77	5.564G	78	5.664G	79	5.534G	80	5.607G
81	5.628G	82	5.549G	83	5.349G	84	5.422G
85	5.531G	86	5.437G	87	5.315G	88	5.325G
89	5.669G	90	5.300G	91	5.515G	92	5.385G
93	5.514G	94	5.610G	95	5.335G	96	5.351G
97	5.671G	98	5.522G	99	5.344G	100	5.438G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.579G	2	5.482G	3	5.287G	4	5.436G
5	5.291G	6	5.463G	7	5.362G	8	5.380G
9	5.598G	10	5.697G	11	5.361G	12	5.717G
13	5.310G	14	5.571G	15	5.559G	16	5.471G
17	5.491G	18	5.544G	19	5.377G	20	5.647G
21	5.528G	22	5.651G	23	5.298G	24	5.290G
25	5.438G	26	5.627G	27	5.384G	28	5.628G
29	5.673G	30	5.613G	31	5.490G	32	5.375G
33	5.641G	34	5.257G	35	5.332G	36	5.568G
37	5.653G	38	5.262G	39	5.658G	40	5.558G
41	5.313G	42	5.404G	43	5.418G	44	5.594G
45	5.386G	46	5.360G	47	5.363G	48	5.622G
49	5.650G	50	5.609G	51	5.519G	52	5.359G
53	5.707G	54	5.546G	55	5.566G	56	5.413G
57	5.325G	58	5.314G	59	5.345G	60	5.633G
61	5.460G	62	5.277G	63	5.353G	64	5.718G
65	5.588G	66	5.340G	67	5.643G	68	5.531G
69	5.445G	70	5.323G	71	5.254G	72	5.417G
73	5.659G	74	5.481G	75	5.280G	76	5.542G
77	5.535G	78	5.348G	79	5.506G	80	5.589G
81	5.397G	82	5.455G	83	5.602G	84	5.611G
85	5.304G	86	5.549G	87	5.642G	88	5.454G
89	5.402G	90	5.615G	91	5.570G	92	5.318G
93	5.461G	94	5.693G	95	5.403G	96	5.660G
97	5.686G	98	5.474G	99	5.442G	100	5.666G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.645G	2	5.685G	3	5.327G	4	5.446G
5	5.533G	6	5.634G	7	5.266G	8	5.338G
9	5.554G	10	5.714G	11	5.268G	12	5.580G
13	5.422G	14	5.452G	15	5.719G	16	5.363G
17	5.434G	18	5.688G	19	5.574G	20	5.557G
21	5.475G	22	5.283G	23	5.632G	24	5.252G
25	5.345G	26	5.401G	27	5.284G	28	5.535G
29	5.362G	30	5.612G	31	5.640G	32	5.667G
33	5.426G	34	5.421G	35	5.440G	36	5.581G
37	5.558G	38	5.297G	39	5.432G	40	5.534G
41	5.672G	42	5.532G	43	5.304G	44	5.433G
45	5.333G	46	5.584G	47	5.425G	48	5.722G
49	5.502G	50	5.474G	51	5.395G	52	5.388G
53	5.499G	54	5.564G	55	5.594G	56	5.430G
57	5.699G	58	5.583G	59	5.604G	60	5.608G
61	5.337G	62	5.616G	63	5.318G	64	5.263G
65	5.273G	66	5.280G	67	5.661G	68	5.294G
69	5.615G	70	5.308G	71	5.586G	72	5.679G
73	5.620G	74	5.285G	75	5.442G	76	5.638G
77	5.309G	78	5.671G	79	5.445G	80	5.723G
81	5.259G	82	5.326G	83	5.621G	84	5.516G
85	5.553G	86	5.530G	87	5.716G	88	5.601G
89	5.540G	90	5.288G	91	5.453G	92	5.342G
93	5.276G	94	5.700G	95	5.548G	96	5.680G
97	5.687G	98	5.469G	99	5.481G	100	5.692G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.721G	2	5.610G	3	5.380G	4	5.474G
5	5.270G	6	5.444G	7	5.451G	8	5.678G
9	5.466G	10	5.416G	11	5.360G	12	5.659G
13	5.673G	14	5.412G	15	5.402G	16	5.413G
17	5.328G	18	5.560G	19	5.281G	20	5.312G
21	5.501G	22	5.722G	23	5.470G	24	5.316G
25	5.581G	26	5.479G	27	5.571G	28	5.615G
29	5.376G	30	5.467G	31	5.498G	32	5.703G
33	5.717G	34	5.264G	35	5.629G	36	5.318G
37	5.655G	38	5.478G	39	5.715G	40	5.599G
41	5.554G	42	5.390G	43	5.694G	44	5.545G
45	5.549G	46	5.426G	47	5.477G	48	5.381G
49	5.462G	50	5.525G	51	5.647G	52	5.258G
53	5.298G	54	5.335G	55	5.605G	56	5.292G
57	5.645G	58	5.362G	59	5.674G	60	5.280G
61	5.308G	62	5.496G	63	5.619G	64	5.375G
65	5.620G	66	5.475G	67	5.698G	68	5.266G
69	5.681G	70	5.602G	71	5.329G	72	5.260G
73	5.704G	74	5.484G	75	5.519G	76	5.584G
77	5.598G	78	5.465G	79	5.434G	80	5.614G
81	5.296G	82	5.393G	83	5.379G	84	5.677G
85	5.274G	86	5.520G	87	5.689G	88	5.425G
89	5.356G	90	5.370G	91	5.596G	92	5.587G
93	5.714G	94	5.625G	95	5.254G	96	5.407G
97	5.497G	98	5.309G	99	5.283G	100	5.456G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.619G	2	5.570G	3	5.614G	4	5.326G
5	5.724G	6	5.500G	7	5.264G	8	5.439G
9	5.684G	10	5.380G	11	5.442G	12	5.554G
13	5.272G	14	5.474G	15	5.527G	16	5.404G
17	5.714G	18	5.487G	19	5.529G	20	5.483G
21	5.252G	22	5.600G	23	5.275G	24	5.521G
25	5.657G	26	5.435G	27	5.531G	28	5.429G
29	5.605G	30	5.622G	31	5.575G	32	5.396G
33	5.460G	34	5.420G	35	5.640G	36	5.698G
37	5.593G	38	5.473G	39	5.621G	40	5.713G
41	5.544G	42	5.520G	43	5.413G	44	5.366G
45	5.660G	46	5.611G	47	5.543G	48	5.708G
49	5.302G	50	5.291G	51	5.299G	52	5.635G
53	5.572G	54	5.515G	55	5.689G	56	5.309G
57	5.567G	58	5.560G	59	5.410G	60	5.318G
61	5.585G	62	5.577G	63	5.334G	64	5.322G
65	5.350G	66	5.556G	67	5.581G	68	5.383G
69	5.604G	70	5.288G	71	5.423G	72	5.564G
73	5.312G	74	5.261G	75	5.648G	76	5.391G
77	5.371G	78	5.615G	79	5.418G	80	5.337G
81	5.323G	82	5.279G	83	5.565G	84	5.682G
85	5.591G	86	5.400G	87	5.421G	88	5.308G
89	5.306G	90	5.458G	91	5.613G	92	5.283G
93	5.374G	94	5.546G	95	5.319G	96	5.649G
97	5.618G	98	5.262G	99	5.459G	100	5.451G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.487G	2	5.395G	3	5.319G	4	5.272G
5	5.623G	6	5.533G	7	5.572G	8	5.705G
9	5.551G	10	5.441G	11	5.689G	12	5.434G
13	5.268G	14	5.519G	15	5.613G	16	5.398G
17	5.444G	18	5.372G	19	5.310G	20	5.468G
21	5.362G	22	5.571G	23	5.495G	24	5.264G
25	5.289G	26	5.600G	27	5.717G	28	5.250G
29	5.316G	30	5.399G	31	5.347G	32	5.383G
33	5.448G	34	5.527G	35	5.666G	36	5.361G
37	5.446G	38	5.267G	39	5.377G	40	5.320G
41	5.606G	42	5.704G	43	5.391G	44	5.540G
45	5.355G	46	5.311G	47	5.721G	48	5.431G
49	5.277G	50	5.294G	51	5.648G	52	5.644G
53	5.260G	54	5.619G	55	5.549G	56	5.367G
57	5.429G	58	5.420G	59	5.458G	60	5.694G
61	5.610G	62	5.525G	63	5.673G	64	5.451G
65	5.664G	66	5.484G	67	5.651G	68	5.449G
69	5.674G	70	5.301G	71	5.552G	72	5.639G
73	5.386G	74	5.514G	75	5.624G	76	5.342G
77	5.530G	78	5.510G	79	5.702G	80	5.579G
81	5.373G	82	5.356G	83	5.563G	84	5.566G
85	5.568G	86	5.375G	87	5.334G	88	5.662G
89	5.291G	90	5.491G	91	5.365G	92	5.454G
93	5.450G	94	5.348G	95	5.442G	96	5.481G
97	5.561G	98	5.476G	99	5.471G	100	5.423G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.628G	2	5.272G	3	5.608G	4	5.426G
5	5.394G	6	5.350G	7	5.358G	8	5.352G
9	5.253G	10	5.539G	11	5.385G	12	5.485G
13	5.545G	14	5.637G	15	5.546G	16	5.690G
17	5.555G	18	5.616G	19	5.618G	20	5.577G
21	5.312G	22	5.504G	23	5.357G	24	5.643G
25	5.724G	26	5.471G	27	5.336G	28	5.554G
29	5.672G	30	5.700G	31	5.380G	32	5.638G
33	5.344G	34	5.473G	35	5.655G	36	5.482G
37	5.547G	38	5.479G	39	5.486G	40	5.675G
41	5.367G	42	5.362G	43	5.342G	44	5.645G
45	5.378G	46	5.561G	47	5.501G	48	5.524G
49	5.711G	50	5.281G	51	5.506G	52	5.338G
53	5.662G	54	5.454G	55	5.654G	56	5.559G
57	5.595G	58	5.268G	59	5.326G	60	5.365G
61	5.497G	62	5.421G	63	5.290G	64	5.405G
65	5.277G	66	5.514G	67	5.404G	68	5.407G
69	5.439G	70	5.694G	71	5.558G	72	5.615G
73	5.606G	74	5.403G	75	5.710G	76	5.719G
77	5.518G	78	5.291G	79	5.443G	80	5.620G
81	5.310G	82	5.572G	83	5.354G	84	5.261G
85	5.674G	86	5.582G	87	5.410G	88	5.462G
89	5.353G	90	5.714G	91	5.627G	92	5.476G
93	5.635G	94	5.653G	95	5.576G	96	5.422G
97	5.251G	98	5.487G	99	5.446G	100	5.401G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.404G	2	5.434G	3	5.475G	4	5.629G
5	5.291G	6	5.271G	7	5.658G	8	5.432G
9	5.495G	10	5.677G	11	5.447G	12	5.652G
13	5.683G	14	5.566G	15	5.635G	16	5.252G
17	5.396G	18	5.606G	19	5.267G	20	5.695G
21	5.425G	22	5.474G	23	5.690G	24	5.392G
25	5.421G	26	5.530G	27	5.536G	28	5.479G
29	5.331G	30	5.411G	31	5.385G	32	5.574G
33	5.588G	34	5.448G	35	5.715G	36	5.581G
37	5.533G	38	5.381G	39	5.319G	40	5.547G
41	5.579G	42	5.655G	43	5.370G	44	5.282G
45	5.688G	46	5.723G	47	5.720G	48	5.646G
49	5.560G	50	5.283G	51	5.621G	52	5.388G
53	5.371G	54	5.382G	55	5.562G	56	5.276G
57	5.706G	58	5.559G	59	5.471G	60	5.488G
61	5.420G	62	5.360G	63	5.504G	64	5.320G
65	5.304G	66	5.611G	67	5.589G	68	5.650G
69	5.345G	70	5.387G	71	5.431G	72	5.614G
73	5.346G	74	5.397G	75	5.687G	76	5.686G
77	5.558G	78	5.592G	79	5.299G	80	5.573G
81	5.615G	82	5.657G	83	5.429G	84	5.297G
85	5.424G	86	5.272G	87	5.572G	88	5.292G
89	5.582G	90	5.521G	91	5.349G	92	5.693G
93	5.369G	94	5.561G	95	5.596G	96	5.684G
97	5.490G	98	5.494G	99	5.531G	100	5.668G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.438G	2	5.317G	3	5.286G	4	5.554G
5	5.689G	6	5.271G	7	5.675G	8	5.713G
9	5.536G	10	5.432G	11	5.712G	12	5.367G
13	5.528G	14	5.690G	15	5.650G	16	5.571G
17	5.685G	18	5.558G	19	5.665G	20	5.303G
21	5.299G	22	5.445G	23	5.502G	24	5.696G
25	5.334G	26	5.391G	27	5.396G	28	5.411G
29	5.581G	30	5.402G	31	5.629G	32	5.319G
33	5.530G	34	5.681G	35	5.588G	36	5.322G
37	5.360G	38	5.275G	39	5.589G	40	5.265G
41	5.637G	42	5.544G	43	5.673G	44	5.259G
45	5.424G	46	5.425G	47	5.337G	48	5.524G
49	5.428G	50	5.283G	51	5.376G	52	5.639G
53	5.612G	54	5.521G	55	5.342G	56	5.574G
57	5.267G	58	5.380G	59	5.383G	60	5.529G
61	5.709G	62	5.476G	63	5.475G	64	5.282G
65	5.340G	66	5.511G	67	5.627G	68	5.534G
69	5.593G	70	5.330G	71	5.251G	72	5.489G
73	5.250G	74	5.372G	75	5.708G	76	5.653G
77	5.368G	78	5.723G	79	5.584G	80	5.522G
81	5.671G	82	5.617G	83	5.720G	84	5.644G
85	5.623G	86	5.467G	87	5.422G	88	5.366G
89	5.613G	90	5.356G	91	5.278G	92	5.318G
93	5.703G	94	5.658G	95	5.620G	96	5.500G
97	5.261G	98	5.587G	99	5.656G	100	5.614G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.504G	2	5.530G	3	5.321G	4	5.665G
5	5.717G	6	5.335G	7	5.616G	8	5.703G
9	5.287G	10	5.327G	11	5.260G	12	5.332G
13	5.356G	14	5.686G	15	5.670G	16	5.705G
17	5.689G	18	5.446G	19	5.666G	20	5.556G
21	5.545G	22	5.441G	23	5.372G	24	5.576G
25	5.563G	26	5.696G	27	5.325G	28	5.250G
29	5.380G	30	5.296G	31	5.289G	32	5.320G
33	5.553G	34	5.453G	35	5.501G	36	5.268G
37	5.519G	38	5.655G	39	5.592G	40	5.656G
41	5.414G	42	5.681G	43	5.293G	44	5.534G
45	5.685G	46	5.370G	47	5.390G	48	5.511G
49	5.707G	50	5.303G	51	5.615G	52	5.676G
53	5.457G	54	5.437G	55	5.393G	56	5.354G
57	5.513G	58	5.311G	59	5.273G	60	5.605G
61	5.586G	62	5.699G	63	5.646G	64	5.677G
65	5.644G	66	5.607G	67	5.349G	68	5.643G
69	5.471G	70	5.280G	71	5.353G	72	5.673G
73	5.312G	74	5.540G	75	5.401G	76	5.552G
77	5.323G	78	5.668G	79	5.503G	80	5.294G
81	5.336G	82	5.474G	83	5.463G	84	5.647G
85	5.386G	86	5.345G	87	5.362G	88	5.282G
89	5.608G	90	5.613G	91	5.351G	92	5.628G
93	5.621G	94	5.279G	95	5.304G	96	5.498G
97	5.291G	98	5.559G	99	5.524G	100	5.394G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.466G	2	5.716G	3	5.311G	4	5.545G
5	5.295G	6	5.640G	7	5.603G	8	5.518G
9	5.252G	10	5.552G	11	5.301G	12	5.374G
13	5.719G	14	5.404G	15	5.556G	16	5.326G
17	5.350G	18	5.275G	19	5.393G	20	5.650G
21	5.265G	22	5.464G	23	5.305G	24	5.616G
25	5.696G	26	5.264G	27	5.486G	28	5.717G
29	5.586G	30	5.564G	31	5.383G	32	5.693G
33	5.420G	34	5.663G	35	5.262G	36	5.626G
37	5.723G	38	5.306G	39	5.479G	40	5.523G
41	5.577G	42	5.551G	43	5.715G	44	5.597G
45	5.524G	46	5.346G	47	5.573G	48	5.366G
49	5.468G	50	5.334G	51	5.538G	52	5.250G
53	5.521G	54	5.473G	55	5.652G	56	5.401G
57	5.712G	58	5.618G	59	5.615G	60	5.534G
61	5.392G	62	5.554G	63	5.425G	64	5.529G
65	5.482G	66	5.497G	67	5.422G	68	5.609G
69	5.409G	70	5.639G	71	5.471G	72	5.515G
73	5.297G	74	5.659G	75	5.677G	76	5.386G
77	5.428G	78	5.413G	79	5.325G	80	5.291G
81	5.699G	82	5.369G	83	5.679G	84	5.258G
85	5.339G	86	5.394G	87	5.271G	88	5.331G
89	5.280G	90	5.432G	91	5.614G	92	5.484G
93	5.520G	94	5.499G	95	5.541G	96	5.665G
97	5.310G	98	5.343G	99	5.546G	100	5.344G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.684G	2	5.324G	3	5.257G	4	5.446G
5	5.250G	6	5.669G	7	5.578G	8	5.318G
9	5.254G	10	5.668G	11	5.624G	12	5.467G
13	5.603G	14	5.273G	15	5.626G	16	5.352G
17	5.610G	18	5.685G	19	5.629G	20	5.326G
21	5.522G	22	5.387G	23	5.673G	24	5.331G
25	5.375G	26	5.266G	27	5.695G	28	5.713G
29	5.325G	30	5.332G	31	5.401G	32	5.463G
33	5.672G	34	5.292G	35	5.520G	36	5.574G
37	5.484G	38	5.291G	39	5.444G	40	5.665G
41	5.470G	42	5.551G	43	5.554G	44	5.528G
45	5.523G	46	5.376G	47	5.270G	48	5.443G
49	5.293G	50	5.415G	51	5.702G	52	5.259G
53	5.504G	54	5.362G	55	5.562G	56	5.704G
57	5.533G	58	5.584G	59	5.544G	60	5.386G
61	5.261G	62	5.426G	63	5.274G	64	5.281G
65	5.654G	66	5.425G	67	5.499G	68	5.478G
69	5.348G	70	5.550G	71	5.617G	72	5.570G
73	5.260G	74	5.646G	75	5.380G	76	5.351G
77	5.524G	78	5.265G	79	5.329G	80	5.399G
81	5.595G	82	5.452G	83	5.558G	84	5.621G
85	5.653G	86	5.500G	87	5.458G	88	5.286G
89	5.667G	90	5.473G	91	5.620G	92	5.283G
93	5.535G	94	5.518G	95	5.365G	96	5.678G
97	5.633G	98	5.262G	99	5.459G	100	5.716G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.280G	2	5.331G	3	5.609G	4	5.620G
5	5.445G	6	5.553G	7	5.399G	8	5.361G
9	5.265G	10	5.723G	11	5.413G	12	5.336G
13	5.475G	14	5.472G	15	5.532G	16	5.501G
17	5.633G	18	5.506G	19	5.672G	20	5.634G
21	5.709G	22	5.701G	23	5.407G	24	5.277G
25	5.572G	26	5.693G	27	5.565G	28	5.312G
29	5.307G	30	5.495G	31	5.533G	32	5.481G
33	5.423G	34	5.530G	35	5.311G	36	5.430G
37	5.618G	38	5.310G	39	5.405G	40	5.346G
41	5.357G	42	5.351G	43	5.353G	44	5.521G
45	5.595G	46	5.424G	47	5.510G	48	5.488G
49	5.267G	50	5.452G	51	5.296G	52	5.313G
53	5.327G	54	5.339G	55	5.466G	56	5.252G
57	5.561G	58	5.559G	59	5.409G	60	5.453G
61	5.429G	62	5.715G	63	5.410G	64	5.635G
65	5.538G	66	5.381G	67	5.451G	68	5.554G
69	5.660G	70	5.363G	71	5.392G	72	5.509G
73	5.678G	74	5.348G	75	5.587G	76	5.341G
77	5.627G	78	5.326G	79	5.271G	80	5.675G
81	5.324G	82	5.401G	83	5.724G	84	5.266G
85	5.712G	86	5.714G	87	5.717G	88	5.343G
89	5.270G	90	5.360G	91	5.325G	92	5.547G
93	5.642G	94	5.606G	95	5.722G	96	5.301G
97	5.274G	98	5.662G	99	5.335G	100	5.615G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.563G	2	5.439G	3	5.332G	4	5.663G
5	5.417G	6	5.294G	7	5.291G	8	5.695G
9	5.501G	10	5.699G	11	5.339G	12	5.423G
13	5.380G	14	5.710G	15	5.331G	16	5.334G
17	5.255G	18	5.647G	19	5.512G	20	5.634G
21	5.650G	22	5.315G	23	5.398G	24	5.482G
25	5.660G	26	5.524G	27	5.298G	28	5.325G
29	5.687G	30	5.307G	31	5.630G	32	5.519G
33	5.677G	34	5.518G	35	5.438G	36	5.464G
37	5.264G	38	5.680G	39	5.324G	40	5.302G
41	5.427G	42	5.567G	43	5.480G	44	5.602G
45	5.707G	46	5.490G	47	5.684G	48	5.576G
49	5.495G	50	5.669G	51	5.287G	52	5.678G
53	5.445G	54	5.666G	55	5.316G	56	5.321G
57	5.403G	58	5.460G	59	5.579G	60	5.274G
61	5.429G	62	5.328G	63	5.521G	64	5.304G
65	5.356G	66	5.381G	67	5.511G	68	5.659G
69	5.617G	70	5.649G	71	5.370G	72	5.308G
73	5.323G	74	5.545G	75	5.320G	76	5.401G
77	5.483G	78	5.463G	79	5.682G	80	5.596G
81	5.622G	82	5.415G	83	5.571G	84	5.278G
85	5.431G	86	5.487G	87	5.671G	88	5.335G
89	5.668G	90	5.275G	91	5.430G	92	5.715G
93	5.384G	94	5.683G	95	5.639G	96	5.533G
97	5.477G	98	5.544G	99	5.306G	100	5.290G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.542G	3	5.284G	4	5.679G
5	5.670G	6	5.627G	7	5.669G	8	5.390G
9	5.545G	10	5.685G	11	5.470G	12	5.359G
13	5.261G	14	5.389G	15	5.346G	16	5.468G
17	5.404G	18	5.530G	19	5.391G	20	5.348G
21	5.445G	22	5.632G	23	5.638G	24	5.603G
25	5.268G	26	5.439G	27	5.421G	28	5.658G
29	5.715G	30	5.462G	31	5.573G	32	5.461G
33	5.560G	34	5.610G	35	5.494G	36	5.392G
37	5.521G	38	5.525G	39	5.704G	40	5.451G
41	5.398G	42	5.403G	43	5.402G	44	5.312G
45	5.672G	46	5.585G	47	5.524G	48	5.552G
49	5.589G	50	5.457G	51	5.310G	52	5.254G
53	5.503G	54	5.353G	55	5.405G	56	5.288G
57	5.309G	58	5.450G	59	5.374G	60	5.372G
61	5.396G	62	5.314G	63	5.580G	64	5.397G
65	5.400G	66	5.265G	67	5.703G	68	5.298G
69	5.437G	70	5.584G	71	5.570G	72	5.534G
73	5.690G	74	5.641G	75	5.707G	76	5.546G
77	5.566G	78	5.379G	79	5.476G	80	5.256G
81	5.295G	82	5.356G	83	5.605G	84	5.698G
85	5.619G	86	5.717G	87	5.557G	88	5.434G
89	5.512G	90	5.283G	91	5.431G	92	5.564G
93	5.338G	94	5.376G	95	5.591G	96	5.316G
97	5.351G	98	5.424G	99	5.582G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.687G	2	5.568G	3	5.343G	4	5.304G
5	5.374G	6	5.371G	7	5.380G	8	5.305G
9	5.294G	10	5.298G	11	5.503G	12	5.621G
13	5.720G	14	5.409G	15	5.363G	16	5.515G
17	5.681G	18	5.495G	19	5.513G	20	5.333G
21	5.431G	22	5.388G	23	5.396G	24	5.682G
25	5.565G	26	5.494G	27	5.580G	28	5.440G
29	5.273G	30	5.341G	31	5.663G	32	5.379G
33	5.705G	34	5.546G	35	5.324G	36	5.582G
37	5.685G	38	5.697G	39	5.327G	40	5.334G
41	5.323G	42	5.611G	43	5.512G	44	5.553G
45	5.401G	46	5.325G	47	5.283G	48	5.436G
49	5.397G	50	5.437G	51	5.521G	52	5.619G
53	5.373G	54	5.642G	55	5.464G	56	5.460G
57	5.597G	58	5.286G	59	5.264G	60	5.320G
61	5.362G	62	5.497G	63	5.326G	64	5.609G
65	5.634G	66	5.356G	67	5.433G	68	5.604G
69	5.252G	70	5.596G	71	5.479G	72	5.353G
73	5.612G	74	5.312G	75	5.394G	76	5.337G
77	5.620G	78	5.306G	79	5.463G	80	5.419G
81	5.357G	82	5.284G	83	5.554G	84	5.465G
85	5.402G	86	5.646G	87	5.267G	88	5.355G
89	5.352G	90	5.713G	91	5.691G	92	5.311G
93	5.537G	94	5.617G	95	5.370G	96	5.669G
97	5.266G	98	5.633G	99	5.331G	100	5.566G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.658G	2	5.602G	3	5.393G	4	5.595G
5	5.346G	6	5.545G	7	5.288G	8	5.636G
9	5.389G	10	5.470G	11	5.538G	12	5.449G
13	5.504G	14	5.284G	15	5.593G	16	5.353G
17	5.280G	18	5.513G	19	5.601G	20	5.499G
21	5.699G	22	5.675G	23	5.275G	24	5.298G
25	5.431G	26	5.315G	27	5.531G	28	5.713G
29	5.598G	30	5.524G	31	5.522G	32	5.679G
33	5.361G	34	5.527G	35	5.445G	36	5.468G
37	5.447G	38	5.323G	39	5.600G	40	5.568G
41	5.281G	42	5.624G	43	5.459G	44	5.520G
45	5.625G	46	5.293G	47	5.397G	48	5.462G
49	5.649G	50	5.503G	51	5.519G	52	5.706G
53	5.547G	54	5.563G	55	5.497G	56	5.619G
57	5.683G	58	5.695G	59	5.647G	60	5.517G
61	5.476G	62	5.661G	63	5.640G	64	5.390G
65	5.347G	66	5.327G	67	5.364G	68	5.554G
69	5.656G	70	5.622G	71	5.392G	72	5.460G
73	5.433G	74	5.333G	75	5.304G	76	5.573G
77	5.565G	78	5.646G	79	5.332G	80	5.596G
81	5.495G	82	5.555G	83	5.511G	84	5.496G
85	5.461G	86	5.429G	87	5.263G	88	5.686G
89	5.317G	90	5.344G	91	5.523G	92	5.343G
93	5.724G	94	5.643G	95	5.319G	96	5.365G
97	5.269G	98	5.268G	99	5.336G	100	5.377G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.307G	2	5.279G	3	5.614G	4	5.484G
5	5.648G	6	5.304G	7	5.417G	8	5.302G
9	5.584G	10	5.323G	11	5.331G	12	5.600G
13	5.480G	14	5.617G	15	5.305G	16	5.368G
17	5.691G	18	5.486G	19	5.622G	20	5.487G
21	5.449G	22	5.710G	23	5.578G	24	5.353G
25	5.521G	26	5.525G	27	5.575G	28	5.412G
29	5.716G	30	5.518G	31	5.409G	32	5.513G
33	5.560G	34	5.345G	35	5.616G	36	5.694G
37	5.398G	38	5.265G	39	5.300G	40	5.504G
41	5.659G	42	5.545G	43	5.524G	44	5.588G
45	5.468G	46	5.501G	47	5.251G	48	5.341G
49	5.377G	50	5.626G	51	5.358G	52	5.385G
53	5.687G	54	5.695G	55	5.479G	56	5.724G
57	5.392G	58	5.705G	59	5.420G	60	5.569G
61	5.713G	62	5.366G	63	5.721G	64	5.354G
65	5.635G	66	5.407G	67	5.437G	68	5.481G
69	5.317G	70	5.568G	71	5.662G	72	5.294G
73	5.534G	74	5.557G	75	5.704G	76	5.643G
77	5.297G	78	5.546G	79	5.632G	80	5.292G
81	5.590G	82	5.284G	83	5.706G	84	5.390G
85	5.451G	86	5.565G	87	5.275G	88	5.510G
89	5.423G	90	5.441G	91	5.611G	92	5.326G
93	5.701G	94	5.642G	95	5.424G	96	5.255G
97	5.261G	98	5.436G	99	5.322G	100	5.278G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.424G	2	5.721G	3	5.678G	4	5.363G
5	5.623G	6	5.563G	7	5.612G	8	5.442G
9	5.425G	10	5.654G	11	5.527G	12	5.450G
13	5.452G	14	5.269G	15	5.626G	16	5.532G
17	5.426G	18	5.707G	19	5.292G	20	5.387G
21	5.318G	22	5.580G	23	5.591G	24	5.495G
25	5.358G	26	5.309G	27	5.485G	28	5.709G
29	5.263G	30	5.489G	31	5.348G	32	5.673G
33	5.639G	34	5.692G	35	5.405G	36	5.675G
37	5.657G	38	5.659G	39	5.514G	40	5.501G
41	5.337G	42	5.383G	43	5.261G	44	5.581G
45	5.339G	46	5.404G	47	5.528G	48	5.332G
49	5.250G	50	5.458G	51	5.299G	52	5.427G
53	5.477G	54	5.399G	55	5.589G	56	5.336G
57	5.595G	58	5.720G	59	5.669G	60	5.279G
61	5.282G	62	5.544G	63	5.310G	64	5.324G
65	5.559G	66	5.257G	67	5.524G	68	5.436G
69	5.593G	70	5.697G	71	5.417G	72	5.603G
73	5.592G	74	5.597G	75	5.583G	76	5.400G
77	5.680G	78	5.396G	79	5.694G	80	5.661G
81	5.394G	82	5.472G	83	5.407G	84	5.475G
85	5.479G	86	5.420G	87	5.453G	88	5.430G
89	5.630G	90	5.643G	91	5.329G	92	5.414G
93	5.552G	94	5.354G	95	5.461G	96	5.308G
97	5.393G	98	5.557G	99	5.359G	100	5.691G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.649G	2	5.327G	3	5.609G	4	5.466G
5	5.682G	6	5.447G	7	5.712G	8	5.394G
9	5.574G	10	5.616G	11	5.681G	12	5.467G
13	5.461G	14	5.684G	15	5.343G	16	5.362G
17	5.702G	18	5.685G	19	5.622G	20	5.721G
21	5.562G	22	5.709G	23	5.570G	24	5.687G
25	5.509G	26	5.605G	27	5.644G	28	5.611G
29	5.417G	30	5.536G	31	5.288G	32	5.500G
33	5.522G	34	5.463G	35	5.600G	36	5.586G
37	5.669G	38	5.590G	39	5.338G	40	5.264G
41	5.626G	42	5.615G	43	5.358G	44	5.543G
45	5.287G	46	5.341G	47	5.567G	48	5.454G
49	5.695G	50	5.550G	51	5.348G	52	5.645G
53	5.253G	54	5.563G	55	5.445G	56	5.584G
57	5.582G	58	5.323G	59	5.328G	60	5.347G
61	5.469G	62	5.675G	63	5.715G	64	5.625G
65	5.510G	66	5.373G	67	5.314G	68	5.386G
69	5.521G	70	5.448G	71	5.664G	72	5.322G
73	5.335G	74	5.371G	75	5.266G	76	5.276G
77	5.482G	78	5.477G	79	5.275G	80	5.613G
81	5.583G	82	5.515G	83	5.544G	84	5.551G
85	5.491G	86	5.272G	87	5.319G	88	5.331G
89	5.285G	90	5.653G	91	5.690G	92	5.474G
93	5.674G	94	5.547G	95	5.462G	96	5.516G
97	5.619G	98	5.385G	99	5.542G	100	5.665G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.369G	2	5.719G	3	5.544G	4	5.683G
5	5.671G	6	5.585G	7	5.578G	8	5.549G
9	5.669G	10	5.366G	11	5.334G	12	5.587G
13	5.450G	14	5.417G	15	5.378G	16	5.297G
17	5.588G	18	5.531G	19	5.711G	20	5.703G
21	5.636G	22	5.505G	23	5.426G	24	5.634G
25	5.564G	26	5.629G	27	5.382G	28	5.626G
29	5.358G	30	5.494G	31	5.491G	32	5.398G
33	5.433G	34	5.523G	35	5.330G	36	5.545G
37	5.596G	38	5.428G	39	5.503G	40	5.568G
41	5.617G	42	5.690G	43	5.477G	44	5.393G
45	5.290G	46	5.408G	47	5.381G	48	5.361G
49	5.287G	50	5.469G	51	5.569G	52	5.279G
53	5.457G	54	5.293G	55	5.486G	56	5.323G
57	5.314G	58	5.383G	59	5.455G	60	5.614G
61	5.574G	62	5.554G	63	5.597G	64	5.516G
65	5.547G	66	5.349G	67	5.713G	68	5.679G
69	5.501G	70	5.509G	71	5.627G	72	5.284G
73	5.343G	74	5.389G	75	5.628G	76	5.258G
77	5.436G	78	5.340G	79	5.651G	80	5.594G
81	5.406G	82	5.604G	83	5.660G	84	5.648G
85	5.394G	86	5.586G	87	5.705G	88	5.276G
89	5.684G	90	5.484G	91	5.618G	92	5.485G
93	5.327G	94	5.698G	95	5.311G	96	5.422G
97	5.268G	98	5.487G	99	5.595G	100	5.252G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.521G	2	5.476G	3	5.341G	4	5.577G
5	5.416G	6	5.502G	7	5.456G	8	5.404G
9	5.617G	10	5.658G	11	5.719G	12	5.312G
13	5.410G	14	5.261G	15	5.423G	16	5.339G
17	5.488G	18	5.516G	19	5.602G	20	5.673G
21	5.723G	22	5.450G	23	5.522G	24	5.395G
25	5.317G	26	5.479G	27	5.509G	28	5.600G
29	5.299G	30	5.495G	31	5.644G	32	5.282G
33	5.680G	34	5.342G	35	5.561G	36	5.661G
37	5.265G	38	5.722G	39	5.274G	40	5.345G
41	5.530G	42	5.397G	43	5.412G	44	5.674G
45	5.623G	46	5.515G	47	5.458G	48	5.358G
49	5.461G	50	5.504G	51	5.354G	52	5.660G
53	5.542G	54	5.457G	55	5.374G	56	5.378G
57	5.590G	58	5.647G	59	5.427G	60	5.631G
61	5.566G	62	5.524G	63	5.611G	64	5.421G
65	5.637G	66	5.491G	67	5.626G	68	5.460G
69	5.364G	70	5.548G	71	5.608G	72	5.639G
73	5.393G	74	5.291G	75	5.704G	76	5.538G
77	5.487G	78	5.592G	79	5.336G	80	5.451G
81	5.384G	82	5.567G	83	5.250G	84	5.691G
85	5.694G	86	5.638G	87	5.573G	88	5.465G
89	5.643G	90	5.713G	91	5.613G	92	5.267G
93	5.472G	94	5.361G	95	5.383G	96	5.609G
97	5.252G	98	5.527G	99	5.288G	100	5.263G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.709G	2	5.409G	3	5.424G	4	5.707G
5	5.358G	6	5.423G	7	5.458G	8	5.420G
9	5.668G	10	5.691G	11	5.515G	12	5.723G
13	5.346G	14	5.379G	15	5.541G	16	5.653G
17	5.393G	18	5.619G	19	5.383G	20	5.250G
21	5.595G	22	5.681G	23	5.699G	24	5.607G
25	5.674G	26	5.575G	27	5.363G	28	5.695G
29	5.649G	30	5.255G	31	5.351G	32	5.398G
33	5.454G	34	5.253G	35	5.646G	36	5.361G
37	5.295G	38	5.352G	39	5.298G	40	5.382G
41	5.485G	42	5.407G	43	5.614G	44	5.317G
45	5.627G	46	5.523G	47	5.319G	48	5.612G
49	5.673G	50	5.348G	51	5.479G	52	5.305G
53	5.349G	54	5.526G	55	5.626G	56	5.498G
57	5.320G	58	5.401G	59	5.688G	60	5.414G
61	5.582G	62	5.274G	63	5.417G	64	5.413G
65	5.603G	66	5.457G	67	5.442G	68	5.684G
69	5.462G	70	5.294G	71	5.370G	72	5.499G
73	5.309G	74	5.672G	75	5.290G	76	5.616G
77	5.426G	78	5.610G	79	5.456G	80	5.486G
81	5.588G	82	5.651G	83	5.568G	84	5.522G
85	5.315G	86	5.459G	87	5.525G	88	5.427G
89	5.693G	90	5.384G	91	5.369G	92	5.338G
93	5.385G	94	5.321G	95	5.416G	96	5.667G
97	5.545G	98	5.637G	99	5.584G	100	5.410G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.482G	2	5.355G	3	5.283G	4	5.717G
5	5.250G	6	5.684G	7	5.657G	8	5.724G
9	5.272G	10	5.356G	11	5.417G	12	5.581G
13	5.333G	14	5.497G	15	5.626G	16	5.533G
17	5.380G	18	5.603G	19	5.629G	20	5.551G
21	5.419G	22	5.636G	23	5.324G	24	5.714G
25	5.654G	26	5.402G	27	5.251G	28	5.518G
29	5.611G	30	5.353G	31	5.305G	32	5.357G
33	5.447G	34	5.685G	35	5.409G	36	5.292G
37	5.274G	38	5.258G	39	5.529G	40	5.263G
41	5.466G	42	5.671G	43	5.454G	44	5.377G
45	5.420G	46	5.649G	47	5.604G	48	5.561G
49	5.288G	50	5.366G	51	5.681G	52	5.370G
53	5.675G	54	5.291G	55	5.381G	56	5.330G
57	5.588G	58	5.616G	59	5.573G	60	5.295G
61	5.277G	62	5.367G	63	5.535G	64	5.514G
65	5.487G	66	5.449G	67	5.554G	68	5.411G
69	5.421G	70	5.484G	71	5.441G	72	5.483G
73	5.540G	74	5.541G	75	5.530G	76	5.612G
77	5.602G	78	5.298G	79	5.397G	80	5.408G
81	5.595G	82	5.708G	83	5.691G	84	5.299G
85	5.281G	86	5.360G	87	5.495G	88	5.703G
89	5.712G	90	5.332G	91	5.608G	92	5.473G
93	5.369G	94	5.617G	95	5.697G	96	5.560G
97	5.439G	98	5.542G	99	5.565G	100	5.633G

802.11ac VHT 40MHz

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	19M	90.2u	1.208m	-	447m
2	1	8M	70.5u	-	-	310m
3	1	7M	98.4u	-	-	390m
4	1	20M	77.1u	-	-	124m
5	3	7M	94.6u	0.954m	1.612m	548m
6	3	13M	77.5u	1.29m	1.731m	362m
7	3	10M	80.5u	1.179m	1.262m	211m
8	1	10M	55.8u	-	-	605m
9	1	13M	53u	-	-	121m
10	2	19M	83.7u	1.887m	-	278m
11	2	11M	98.7u	1.005m	-	650m
12	2	10M	58.8u	1.866m	-	279m
13	3	11M	64u	1.574m	1.623m	387m
14	2	20M	94.6u	1.516m	-	127m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 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	19M	55.4u	1.624m	1.486m	592.2m
2	1	18M	55.3u	-	-	67.82m
3	2	16M	58.5u	1.151m	-	606.7m
4	3	6M	75.4u	1.769m	1.390m	394.2m
5	2	13M	60.0u	1.855m	-	620.9m
6	1	20M	77.5u	-	-	611.6m
7	1	14M	54.6u	-	-	130.7m
8	2	14M	80.4u	1.735m	-	286.8m
9	2	9M	98.1u	1.374m	-	410.1m
10	1	16M	54.8u	-	-	53.52m
11	2	14M	51.8u	1.167m	-	588.8m
12	2	12M	83.8u	1.699m	-	524.4m
13	2	9M	81.9u	1.179m	-	87.57m
14	2	11M	87.2u	1.785m	-	143.4m
15	2	14M	97.2u	1.668m	-	11.01m
16	3	13M	57.8u	1.753m	959.2u	303.9m
17	3	12M	90.8u	1.040m	1.432m	347.8m
18	2	17M	59.1u	1.715m	-	329.7m
19	2	9M	82.6u	1.037m	-	559.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	8M	85.1u	1.877m	-	222.8m
2	2	7M	99.6u	1.131m	-	438.4m
3	2	11M	65.3u	1.873m	-	565.6m
4	2	20M	66.5u	1.614m	-	268.7m
5	3	6M	82.2u	1.165m	1.014m	631.9m
6	2	7M	67.7u	1.488m	-	805.5m
7	1	11M	94.9u	-	-	882.0m
8	2	9M	78.0u	1.770m	-	714.8m
9	1	9M	54.6u	-	-	398.7m
10	2	12M	84.4u	1.111m	-	14.53m
11	3	18M	56.7u	1.327m	1.552m	442.1m
12	2	6M	69.4u	1.598m	-	369.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	75.3u	1.202m	1.830m	1.042
2	3	13M	69.3u	1.176m	1.418m	343.3m
3	2	12M	98.7u	1.631m	-	17.62m
4	2	10M	69.9u	1.033m	-	591.5m
5	1	7M	74.0u	-	-	1.031
6	2	8M	94.4u	1.816m	-	445.1m
7	1	6M	77.3u	-	-	255.7m
8	3	13M	70.2u	1.706m	1.363m	1.039
9	1	10M	54.1u	-	-	856.5m
10	2	17M	90.4u	944.6u	-	1.011
11	3	13M	50.2u	1.717m	1.626m	734.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	7M	77.8u	1.161m	-	1.045
2	2	16M	62.3u	1.717m	-	85.15m
3	1	17M	67.0u	-	-	219.6m
4	3	7M	86.5u	1.079m	971.5u	132.7m
5	3	14M	84.2u	1.508m	1.363m	172.8m
6	2	19M	75.0u	1.688m	-	687.0m
7	1	7M	56.6u	-	-	420.2m
8	2	6M	87.5u	1.538m	-	955.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	83.0u	1.892m	-	474.4m
2	2	14M	98.2u	1.151m	-	336.5m
3	2	7M	74.7u	1.168m	-	265.4m
4	3	15M	98.2u	1.175m	1.435m	911.4m
5	2	19M	67.4u	1.571m	-	44.04m
6	1	6M	70.0u	-	-	624.0m
7	2	17M	91.0u	1.866m	-	1.084
8	3	10M	64.9u	1.088m	1.385m	901.7m
9	2	13M	51.1u	1.670m	-	232.1m
10	2	14M	98.9u	1.144m	-	830.6m
11	2	12M	68.0u	1.673m	-	548.4m

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	20M	68.6u	1.356m	-	499.8m
2	3	5M	72.5u	1.704m	1.662m	361.0m
3	1	11M	58.4u	-	-	134.8m
4	2	16M	75.8u	1.494m	-	580.5m
5	2	17M	93.5u	1.649m	-	642.7m
6	3	20M	90.0u	1.110m	1.879m	403.1m
7	1	11M	58.3u	-	-	29.83m
8	2	16M	80.9u	1.888m	-	584.2m
9	1	14M	85.5u	-	-	490.9m
10	2	18M	85.0u	1.685m	-	676.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 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	8M	58.3u	1.009m	1.040m	450.6m
2	1	10M	79.4u	-	-	281.1m
3	2	20M	78.0u	923.0u	-	570.5m
4	2	10M	72.8u	1.470m	-	348.5m
5	3	10M	62.8u	1.641m	1.018m	509.4m
6	3	18M	63.6u	1.290m	1.059m	31.54m
7	3	10M	85.3u	1.845m	1.265m	96.23m
8	2	10M	78.2u	1.045m	-	387.6m
9	3	7M	75.0u	1.778m	1.656m	544.4m
10	1	5M	55.6u	-	-	492.8m
11	2	6M	62.1u	1.724m	-	508.3m
12	3	19M	63.2u	1.488m	1.416m	231.1m
13	2	6M	75.4u	1.280m	-	457.3m
14	2	18M	94.9u	1.049m	-	103.4m
15	3	19M	69.6u	1.670m	1.218m	299.0m
16	1	8M	68.1u	-	-	491.5m
17	3	10M	74.9u	1.048m	1.328m	275.3m
18	1	6M	84.8u	-	-	303.5m
19	2	8M	88.0u	1.469m	-	97.63m
20	2	7M	62.2u	969.8u	-	251.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 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	67.8u	-	-	491.8m
2	2	10M	55.6u	1.515m	-	451.1m
3	1	12M	61.2u	-	-	273.1m
4	3	12M	76.2u	1.734m	1.029m	434.2m
5	3	19M	86.9u	1.342m	1.906m	445.6m
6	1	17M	68.4u	-	-	471.3m
7	3	19M	59.6u	1.801m	1.415m	270.3m
8	1	11M	51.5u	-	-	36.71m
9	2	20M	82.2u	1.498m	-	405.2m
10	2	19M	87.2u	1.768m	-	222.2m
11	2	13M	84.2u	1.697m	-	530.9m
12	2	5M	86.0u	1.313m	-	726.5m
13	2	13M	72.2u	942.8u	-	223.1m
14	2	17M	59.6u	1.327m	-	151.1m
15	3	12M	88.8u	1.624m	1.372m	387.5m
16	2	9M	53.6u	1.146m	-	462.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	17M	70.8u	1.184m	1.837m	529.7m
2	1	7M	56.1u	-	-	534.6m
3	2	16M	50.7u	1.544m	-	158.4m
4	1	14M	99.9u	-	-	165.0m
5	3	13M	99.5u	1.040m	1.881m	53.29m
6	3	6M	62.0u	1.089m	1.288m	191.3m
7	2	11M	99.4u	1.864m	-	369.7m
8	2	14M	84.1u	1.201m	-	313.1m
9	2	12M	99.4u	1.517m	-	413.0m
10	2	8M	59.8u	1.309m	-	416.5m
11	2	18M	79.1u	1.734m	-	534.8m
12	2	7M	68.7u	962.3u	-	318.7m
13	3	8M	69.7u	1.200m	1.371m	768.7m
14	2	5M	50.6u	1.667m	-	81.28m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	15M	58.1u	1.676m	1.045m	157.5m
2	2	12M	66.0u	1.370m	-	530.1m
3	2	7M	51.2u	1.635m	-	109.4m
4	2	6M	64.7u	1.580m	-	5.049m
5	1	14M	67.1u	-	-	556.4m
6	2	16M	81.4u	1.153m	-	231.7m
7	2	17M	97.9u	1.228m	-	585.1m
8	3	8M	60.8u	1.560m	1.892m	35.53m
9	3	5M	82.9u	1.054m	1.852m	27.19m
10	2	15M	78.0u	1.742m	-	487.5m
11	2	16M	78.9u	1.562m	-	471.4m
12	3	8M	91.1u	1.637m	1.418m	554.3m
13	3	14M	68.4u	1.651m	944.6u	324.1m
14	2	9M	83.0u	1.663m	-	428.3m
15	2	5M	90.1u	1.424m	-	619.7m
16	2	8M	70.3u	1.465m	-	97.99m
17	1	11M	69.9u	-	-	617.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_12 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	17M	82.8u	1.617m	-	706.3m
2	2	12M	83.0u	1.305m	-	436.7m
3	1	10M	61.1u	-	-	155.7m
4	2	9M	76.8u	1.293m	-	903.6m
5	2	6M	78.2u	1.596m	-	754.6m
6	1	10M	70.3u	-	-	847.3m
7	2	11M	86.3u	1.851m	-	287.6m
8	2	8M	64.4u	1.740m	-	646.3m
9	3	17M	66.3u	1.080m	1.012m	320.1m
10	3	11M	72.6u	1.595m	1.534m	633.0m
11	1	8M	87.0u	-	-	812.9m
12	2	15M	58.3u	1.778m	-	685.3m
13	2	8M	77.5u	1.276m	-	226.9m

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	2	13M	54.5u	1.460m	-	754.7m
2	2	11M	89.5u	1.542m	-	139.5m
3	1	20M	87.1u	-	-	495.7m
4	1	16M	77.3u	-	-	569.6m
5	2	16M	89.1u	1.849m	-	26.86m
6	2	20M	60.3u	1.564m	-	633.3m
7	1	15M	99.9u	-	-	328.1m
8	2	19M	80.2u	1.424m	-	631.3m
9	3	18M	71.5u	1.904m	1.816m	785.4m
10	1	6M	65.5u	-	-	779.2m
11	3	8M	83.0u	1.270m	1.496m	501.4m
12	1	18M	83.5u	-	-	156.6m

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	3	9M	74.2u	1.712m	932.8u	261.5m
2	3	15M	76.7u	1.227m	1.138m	312.4m
3	3	13M	61.9u	956.1u	1.206m	446.6m
4	3	9M	81.1u	1.645m	1.367m	166.0u
5	2	14M	87.1u	973.9u	-	387.0m
6	2	13M	60.8u	1.349m	-	81.36m
7	3	10M	75.2u	1.347m	1.143m	585.8m
8	2	11M	58.8u	1.276m	-	197.4m
9	2	17M	72.7u	1.120m	-	579.9m
10	1	11M	73.3u	-	-	593.9m
11	2	18M	80.0u	1.492m	-	386.6m
12	2	7M	96.4u	1.199m	-	297.3m
13	2	11M	95.8u	1.042m	-	21.92m
14	2	17M	87.4u	922.6u	-	121.7m
15	1	18M	68.1u	-	-	24.11m
16	3	17M	84.0u	1.614m	993.0u	288.1m
17	1	8M	72.2u	-	-	132.0m
18	2	12M	52.1u	1.424m	-	408.7m
19	1	6M	78.2u	-	-	629.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	86.7u	-	-	267.1m
2	2	18M	71.1u	1.377m	-	76.57m
3	1	11M	98.1u	-	-	133.9m
4	3	7M	94.8u	1.828m	938.2u	306.1m
5	2	15M	69.1u	1.456m	-	170.7m
6	3	17M	77.1u	1.586m	1.878m	418.6m
7	2	16M	66.4u	1.585m	-	401.9m
8	1	18M	64.4u	-	-	53.04m
9	2	5M	84.7u	1.476m	-	81.50m
10	1	18M	89.7u	-	-	787.6m
11	3	15M	72.8u	1.202m	1.791m	675.7m
12	2	11M	60.4u	1.190m	-	544.7m
13	3	15M	65.4u	1.529m	1.197m	389.8m
14	2	18M	86.1u	1.576m	-	223.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	52.0u	1.167m	-	482.5m
2	2	6M	92.0u	1.257m	-	155.0m
3	2	13M	97.4u	1.676m	-	152.8m
4	1	15M	55.0u	-	-	442.1m
5	2	13M	79.9u	1.183m	-	317.5m
6	2	15M	58.7u	1.406m	-	180.4m
7	3	12M	72.8u	1.198m	1.526m	299.1m
8	1	19M	86.8u	-	-	472.1m
9	2	19M	91.9u	1.223m	-	189.5m
10	2	6M	66.1u	1.579m	-	188.8m
11	3	13M	73.2u	1.173m	1.771m	510.3m
12	1	9M	91.4u	-	-	295.3m
13	2	14M	95.3u	1.021m	-	523.8m
14	3	15M	61.2u	1.009m	1.395m	538.7m
15	1	5M	53.0u	-	-	489.3m
16	2	14M	76.0u	1.314m	-	473.9m
17	2	7M	58.3u	1.713m	-	538.5m
18	2	8M	90.6u	1.865m	-	263.6m
19	2	9M	52.4u	1.882m	-	228.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	20M	54.1u	1.828m	1.576m	672.4m
2	3	15M	75.2u	1.095m	1.441m	687.8m
3	2	13M	78.0u	1.858m	-	283.3m
4	2	18M	66.9u	1.201m	-	329.0m
5	2	11M	53.4u	1.022m	-	490.7m
6	1	16M	53.2u	-	-	767.7m
7	1	6M	58.3u	-	-	738.2m
8	2	7M	77.8u	1.564m	-	30.50m
9	3	12M	94.2u	1.364m	1.215m	949.0m
10	2	8M	62.6u	1.241m	-	60.39m
11	3	16M	95.8u	1.201m	1.097m	32.72m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	9M	60.4u	1.030m	-	642.6m
2	2	10M	80.9u	1.241m	-	132.7m
3	3	13M	93.5u	1.438m	1.659m	382.6m
4	1	6M	90.7u	-	-	749.5m
5	2	6M	96.3u	1.257m	-	297.9m
6	2	20M	63.9u	1.450m	-	357.8m
7	2	9M	77.9u	1.324m	-	549.2m
8	2	8M	75.0u	1.060m	-	859.0m
9	2	9M	69.9u	1.470m	-	462.6m
10	2	17M	90.1u	1.117m	-	76.48m
11	1	7M	98.2u	-	-	886.1m
12	2	11M	83.0u	1.442m	-	843.9m
13	2	17M	61.5u	1.557m	-	612.9m

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	1	12M	52.0u	-	-	3.742m
2	2	19M	91.6u	1.071m	-	194.1m
3	2	19M	76.5u	1.377m	-	588.9m
4	2	6M	86.1u	1.712m	-	621.8m
5	3	10M	74.8u	1.177m	1.467m	415.4m
6	2	16M	85.4u	1.393m	-	765.9m
7	2	7M	86.9u	1.633m	-	198.1m
8	3	17M	66.1u	1.891m	1.084m	316.3m
9	3	18M	59.9u	1.184m	1.461m	208.9m
10	2	12M	92.4u	1.307m	-	120.5m
11	2	6M	79.7u	1.580m	-	452.4m
12	2	19M	64.6u	1.435m	-	672.6m
13	2	8M	93.7u	1.207m	-	587.4m
14	2	11M	78.7u	1.199m	-	761.4m
15	1	10M	91.3u	-	-	540.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	10M	94.5u	1.218m	1.695m	1.049
2	1	12M	85.2u	-	-	135.6m
3	3	11M	89.8u	1.507m	1.425m	1.220
4	3	17M	84.4u	1.500m	1.723m	1.093
5	2	8M	76.4u	1.742m	-	163.9m
6	2	19M	79.5u	1.481m	-	986.6m
7	3	8M	88.2u	1.805m	1.416m	204.6m
8	3	17M	56.4u	961.6u	1.028m	1.200

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	3	19M	66.8u	1.453m	1.491m	305.4m
2	3	7M	97.6u	1.447m	1.507m	493.6m
3	2	6M	76.8u	1.378m	-	745.8m
4	2	20M	77.7u	1.858m	-	572.3m
5	3	9M	76.0u	929.0u	1.678m	461.0m
6	3	12M	61.6u	1.241m	1.912m	891.5m
7	1	7M	73.5u	-	-	43.16m
8	3	10M	71.6u	1.287m	1.428m	259.0m
9	1	13M	78.7u	-	-	287.1m
10	2	12M	56.8u	1.305m	-	134.7m
11	1	12M	88.5u	-	-	550.6m
12	2	8M	87.0u	1.173m	-	569.8m
13	1	10M	54.9u	-	-	904.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 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	14M	68.7u	1.916m	-	446.6m
2	3	18M	78.4u	1.532m	1.784m	266.9m
3	1	14M	59.5u	-	-	602.6m
4	1	15M	78.4u	-	-	151.2m
5	1	11M	57.9u	-	-	334.0m
6	2	11M	98.7u	1.716m	-	123.4m
7	2	10M	62.3u	1.764m	-	44.96m
8	2	19M	74.4u	1.759m	-	203.2m
9	1	9M	58.3u	-	-	547.2m
10	2	8M	83.9u	1.629m	-	569.3m
11	1	18M	92.5u	-	-	511.6m
12	2	11M	53.3u	1.522m	-	160.8m
13	3	18M	53.1u	1.620m	1.892m	329.8m
14	2	6M	89.4u	1.476m	-	102.5m
15	2	13M	86.4u	1.670m	-	519.4m
16	2	10M	67.7u	1.001m	-	604.7m
17	3	7M	71.8u	1.539m	1.435m	181.0m
18	2	9M	96.0u	1.790m	-	489.8m
19	2	6M	87.3u	1.474m	-	401.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	19M	54.2u	-	-	193.2m
2	1	6M	51.6u	-	-	483.4m
3	2	10M	54.0u	1.141m	-	695.9m
4	2	11M	69.5u	1.149m	-	430.4m
5	2	11M	90.7u	1.242m	-	659.1m
6	2	6M	54.6u	1.692m	-	270.9m
7	1	17M	51.4u	-	-	411.4m
8	1	9M	59.8u	-	-	395.5m
9	2	7M	75.7u	1.646m	-	661.7m
10	2	19M	86.9u	1.131m	-	630.2m
11	3	13M	92.2u	1.491m	1.021m	194.4m
12	2	6M	70.3u	1.710m	-	242.3m
13	2	17M	56.4u	1.259m	-	568.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	8M	91.8u	-	-	703.1m
2	3	10M	52.0u	1.934m	1.249m	63.43m
3	2	9M	55.2u	1.064m	-	122.7m
4	2	20M	82.1u	1.344m	-	453.3m
5	1	15M	58.3u	-	-	798.3m
6	3	18M	89.2u	1.642m	1.235m	769.3m
7	1	7M	90.6u	-	-	998.7m
8	1	14M	65.2u	-	-	716.3m
9	1	12M	72.1u	-	-	130.7m
10	2	7M	91.3u	1.303m	-	905.2m
11	2	14M	63.9u	1.885m	-	623.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 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	11M	55.4u	-	-	978.3m
2	3	20M	59.7u	1.654m	1.418m	783.7m
3	2	12M	50.9u	1.204m	-	824.6m
4	3	15M	75.3u	1.052m	1.630m	179.4m
5	2	10M	67.2u	1.692m	-	149.6m
6	1	10M	96.7u	-	-	82.15m
7	2	17M	62.3u	1.181m	-	732.8m
8	2	11M	73.0u	1.093m	-	411.9m
9	3	12M	93.2u	1.331m	1.392m	921.0m
10	3	9M	71.5u	1.129m	1.043m	902.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 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	9M	67.5u	1.161m	1.284m	1.068
2	2	13M	86.8u	1.699m	-	1.062
3	2	8M	72.5u	1.523m	-	664.5m
4	2	10M	56.1u	1.848m	-	287.0m
5	2	5M	87.1u	1.491m	-	137.7m
6	3	12M	85.7u	1.434m	1.302m	331.6m
7	2	7M	86.8u	1.409m	-	508.3m
8	1	19M	71.9u	-	-	229.7m
9	2	10M	67.1u	1.624m	-	910.1m
10	3	14M	72.9u	1.576m	991.1u	40.22m
11	2	8M	59.3u	1.497m	-	42.26m

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	1	12M	66.8u	-	-	267.3m
2	1	7M	51.6u	-	-	305.1m
3	3	19M	52.9u	1.807m	1.655m	407.5m
4	2	11M	82.8u	1.173m	-	193.4m
5	2	15M	98.0u	1.505m	-	170.4m
6	1	15M	53.6u	-	-	129.3m
7	1	14M	88.6u	-	-	573.2m
8	2	19M	85.3u	1.505m	-	313.4m
9	2	10M	57.6u	1.253m	-	574.4m
10	3	10M	72.2u	1.667m	1.070m	43.05m
11	2	12M	77.7u	1.161m	-	425.6m
12	1	11M	80.0u	-	-	367.6m
13	1	10M	57.3u	-	-	41.92m
14	3	7M	61.3u	1.914m	1.886m	413.9m
15	2	16M	80.7u	1.534m	-	214.2m
16	2	5M	77.6u	1.159m	-	464.7m
17	2	5M	73.2u	1.760m	-	163.9m
18	2	9M	60.0u	1.657m	-	308.0m
19	1	9M	97.0u	-	-	398.9m
20	1	20M	79.3u	-	-	564.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	15M	62.5u	1.381m	-	880.6m
2	2	11M	59.2u	1.713m	-	1.024
3	2	13M	57.1u	1.395m	-	601.1m
4	3	11M	66.4u	1.441m	1.114m	812.6m
5	1	6M	96.2u	-	-	795.4m
6	2	9M	58.1u	1.921m	-	934.4m
7	2	14M	62.3u	995.7u	-	1.052
8	2	9M	72.7u	1.359m	-	298.0m
9	3	9M	92.9u	1.110m	1.688m	719.0m
10	2	5M	50.8u	1.090m	-	531.9m
11	3	16M	69.3u	1.196m	1.715m	574.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	16M	69.6u	1.847m	-	242.0m
2	2	10M	95.5u	1.035m	-	630.5m
3	3	6M	69.2u	1.316m	1.466m	146.5m
4	2	17M	70.2u	1.246m	-	883.2m
5	3	9M	52.5u	1.502m	1.167m	70.10m
6	2	18M	81.4u	923.6u	-	161.7m
7	1	8M	78.8u	-	-	254.2m
8	1	8M	95.0u	-	-	362.2m
9	2	5M	79.9u	1.533m	-	196.4m
10	1	14M	54.5u	-	-	448.9m
11	1	6M	52.5u	-	-	594.5m
12	2	13M	68.8u	993.2u	-	414.6m
13	3	8M	91.6u	1.397m	984.4u	82.17m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 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	10M	60.5u	-	-	1.096
2	3	12M	75.4u	1.589m	1.812m	920.2m
3	2	9M	84.0u	1.836m	-	1.071
4	3	12M	81.1u	1.916m	1.827m	1.064
5	3	10M	89.5u	1.197m	1.506m	114.8m
6	1	19M	75.8u	-	-	719.1m
7	3	12M	97.8u	1.159m	1.296m	975.0m
8	3	20M	94.2u	1.198m	1.413m	325.2m
9	1	17M	81.7u	-	-	1.084

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.433G	2	5.272G	3	5.695G	4	5.424G
5	5.298G	6	5.361G	7	5.319G	8	5.276G
9	5.493G	10	5.381G	11	5.517G	12	5.431G
13	5.551G	14	5.636G	15	5.523G	16	5.307G
17	5.333G	18	5.290G	19	5.547G	20	5.447G
21	5.566G	22	5.316G	23	5.539G	24	5.597G
25	5.687G	26	5.488G	27	5.576G	28	5.443G
29	5.370G	30	5.461G	31	5.446G	32	5.657G
33	5.480G	34	5.544G	35	5.601G	36	5.374G
37	5.467G	38	5.439G	39	5.603G	40	5.468G
41	5.432G	42	5.452G	43	5.270G	44	5.707G
45	5.683G	46	5.608G	47	5.292G	48	5.609G
49	5.398G	50	5.258G	51	5.722G	52	5.716G
53	5.565G	54	5.485G	55	5.262G	56	5.396G
57	5.315G	58	5.692G	59	5.427G	60	5.533G
61	5.546G	62	5.584G	63	5.592G	64	5.449G
65	5.509G	66	5.538G	67	5.391G	68	5.440G
69	5.417G	70	5.347G	71	5.284G	72	5.397G
73	5.259G	74	5.720G	75	5.268G	76	5.349G
77	5.719G	78	5.365G	79	5.285G	80	5.274G
81	5.593G	82	5.388G	83	5.553G	84	5.507G
85	5.267G	86	5.318G	87	5.704G	88	5.637G
89	5.558G	90	5.642G	91	5.492G	92	5.363G
93	5.676G	94	5.416G	95	5.264G	96	5.575G
97	5.645G	98	5.504G	99	5.723G	100	5.698G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.380G	2	5.554G	3	5.713G	4	5.500G
5	5.374G	6	5.658G	7	5.367G	8	5.577G
9	5.587G	10	5.605G	11	5.593G	12	5.383G
13	5.461G	14	5.635G	15	5.559G	16	5.654G
17	5.614G	18	5.439G	19	5.365G	20	5.350G
21	5.272G	22	5.267G	23	5.656G	24	5.403G
25	5.449G	26	5.399G	27	5.650G	28	5.576G
29	5.443G	30	5.413G	31	5.561G	32	5.693G
33	5.667G	34	5.591G	35	5.724G	36	5.720G
37	5.700G	38	5.718G	39	5.428G	40	5.289G
41	5.637G	42	5.548G	43	5.527G	44	5.669G
45	5.408G	46	5.294G	47	5.715G	48	5.442G
49	5.509G	50	5.300G	51	5.395G	52	5.382G
53	5.714G	54	5.490G	55	5.263G	56	5.649G
57	5.338G	58	5.407G	59	5.426G	60	5.603G
61	5.618G	62	5.684G	63	5.462G	64	5.573G
65	5.634G	66	5.318G	67	5.600G	68	5.511G
69	5.705G	70	5.557G	71	5.336G	72	5.616G
73	5.293G	74	5.498G	75	5.504G	76	5.409G
77	5.566G	78	5.639G	79	5.485G	80	5.609G
81	5.345G	82	5.351G	83	5.572G	84	5.599G
85	5.463G	86	5.275G	87	5.546G	88	5.645G
89	5.717G	90	5.486G	91	5.529G	92	5.370G
93	5.276G	94	5.489G	95	5.666G	96	5.558G
97	5.698G	98	5.568G	99	5.316G	100	5.624G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.639G	2	5.537G	3	5.624G	4	5.330G
5	5.519G	6	5.343G	7	5.665G	8	5.500G
9	5.329G	10	5.273G	11	5.675G	12	5.574G
13	5.706G	14	5.534G	15	5.444G	16	5.338G
17	5.461G	18	5.269G	19	5.298G	20	5.677G
21	5.340G	22	5.578G	23	5.659G	24	5.526G
25	5.655G	26	5.379G	27	5.430G	28	5.609G
29	5.492G	30	5.268G	31	5.404G	32	5.705G
33	5.412G	34	5.713G	35	5.521G	36	5.401G
37	5.307G	38	5.325G	39	5.608G	40	5.632G
41	5.342G	42	5.443G	43	5.316G	44	5.410G
45	5.254G	46	5.326G	47	5.388G	48	5.718G
49	5.463G	50	5.522G	51	5.499G	52	5.288G
53	5.714G	54	5.589G	55	5.542G	56	5.301G
57	5.337G	58	5.560G	59	5.579G	60	5.303G
61	5.334G	62	5.590G	63	5.453G	64	5.264G
65	5.255G	66	5.285G	67	5.258G	68	5.478G
69	5.571G	70	5.356G	71	5.540G	72	5.333G
73	5.399G	74	5.682G	75	5.348G	76	5.308G
77	5.354G	78	5.541G	79	5.712G	80	5.660G
81	5.626G	82	5.429G	83	5.374G	84	5.494G
85	5.406G	86	5.469G	87	5.530G	88	5.371G
89	5.691G	90	5.341G	91	5.498G	92	5.349G
93	5.657G	94	5.697G	95	5.332G	96	5.416G
97	5.476G	98	5.459G	99	5.491G	100	5.295G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.717G	2	5.378G	3	5.371G	4	5.649G
5	5.647G	6	5.480G	7	5.327G	8	5.403G
9	5.697G	10	5.489G	11	5.289G	12	5.610G
13	5.720G	14	5.509G	15	5.569G	16	5.340G
17	5.586G	18	5.316G	19	5.716G	20	5.536G
21	5.637G	22	5.659G	23	5.420G	24	5.398G
25	5.444G	26	5.459G	27	5.493G	28	5.581G
29	5.527G	30	5.426G	31	5.658G	32	5.286G
33	5.447G	34	5.648G	35	5.675G	36	5.699G
37	5.414G	38	5.449G	39	5.424G	40	5.274G
41	5.396G	42	5.375G	43	5.655G	44	5.705G
45	5.359G	46	5.663G	47	5.467G	48	5.437G
49	5.306G	50	5.361G	51	5.460G	52	5.623G
53	5.377G	54	5.710G	55	5.290G	56	5.529G
57	5.399G	58	5.458G	59	5.494G	60	5.516G
61	5.607G	62	5.636G	63	5.275G	64	5.314G
65	5.271G	66	5.364G	67	5.533G	68	5.490G
69	5.305G	70	5.609G	71	5.452G	72	5.614G
73	5.260G	74	5.684G	75	5.309G	76	5.382G
77	5.664G	78	5.499G	79	5.270G	80	5.346G
81	5.625G	82	5.682G	83	5.376G	84	5.703G
85	5.576G	86	5.395G	87	5.592G	88	5.356G
89	5.252G	90	5.613G	91	5.539G	92	5.484G
93	5.541G	94	5.510G	95	5.298G	96	5.385G
97	5.446G	98	5.572G	99	5.310G	100	5.543G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.293G	2	5.532G	3	5.518G	4	5.599G
5	5.291G	6	5.303G	7	5.560G	8	5.262G
9	5.286G	10	5.454G	11	5.627G	12	5.473G
13	5.327G	14	5.389G	15	5.272G	16	5.614G
17	5.363G	18	5.693G	19	5.617G	20	5.380G
21	5.397G	22	5.259G	23	5.400G	24	5.330G
25	5.337G	26	5.401G	27	5.393G	28	5.702G
29	5.715G	30	5.491G	31	5.597G	32	5.698G
33	5.527G	34	5.254G	35	5.706G	36	5.497G
37	5.689G	38	5.667G	39	5.554G	40	5.353G
41	5.492G	42	5.359G	43	5.338G	44	5.539G
45	5.538G	46	5.288G	47	5.600G	48	5.517G
49	5.467G	50	5.285G	51	5.545G	52	5.383G
53	5.514G	54	5.341G	55	5.535G	56	5.411G
57	5.432G	58	5.340G	59	5.449G	60	5.624G
61	5.325G	62	5.631G	63	5.500G	64	5.696G
65	5.299G	66	5.630G	67	5.378G	68	5.721G
69	5.447G	70	5.707G	71	5.586G	72	5.653G
73	5.649G	74	5.616G	75	5.577G	76	5.609G
77	5.315G	78	5.529G	79	5.544G	80	5.655G
81	5.374G	82	5.671G	83	5.555G	84	5.419G
85	5.512G	86	5.440G	87	5.461G	88	5.471G
89	5.345G	90	5.335G	91	5.505G	92	5.448G
93	5.332G	94	5.391G	95	5.557G	96	5.297G
97	5.670G	98	5.310G	99	5.284G	100	5.595G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.590G	2	5.261G	3	5.578G	4	5.418G
5	5.650G	6	5.424G	7	5.623G	8	5.587G
9	5.285G	10	5.618G	11	5.717G	12	5.694G
13	5.509G	14	5.299G	15	5.396G	16	5.447G
17	5.549G	18	5.645G	19	5.264G	20	5.271G
21	5.373G	22	5.356G	23	5.670G	24	5.719G
25	5.401G	26	5.259G	27	5.366G	28	5.311G
29	5.539G	30	5.258G	31	5.600G	32	5.280G
33	5.335G	34	5.531G	35	5.403G	36	5.529G
37	5.653G	38	5.250G	39	5.339G	40	5.500G
41	5.399G	42	5.319G	43	5.597G	44	5.508G
45	5.517G	46	5.612G	47	5.667G	48	5.521G
49	5.662G	50	5.381G	51	5.665G	52	5.499G

53	5.284G	54	5.548G	55	5.505G	56	5.594G
57	5.550G	58	5.433G	59	5.560G	60	5.556G
61	5.343G	62	5.711G	63	5.501G	64	5.357G
65	5.674G	66	5.688G	67	5.345G	68	5.390G
69	5.266G	70	5.574G	71	5.303G	72	5.532G
73	5.502G	74	5.382G	75	5.309G	76	5.705G
77	5.589G	78	5.605G	79	5.689G	80	5.652G
81	5.685G	82	5.360G	83	5.544G	84	5.348G
85	5.301G	86	5.342G	87	5.619G	88	5.445G
89	5.571G	90	5.658G	91	5.615G	92	5.712G
93	5.304G	94	5.672G	95	5.528G	96	5.429G
97	5.583G	98	5.324G	99	5.397G	100	5.260G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.622G	2	5.552G	3	5.722G	4	5.606G
5	5.592G	6	5.522G	7	5.608G	8	5.533G
9	5.505G	10	5.636G	11	5.585G	12	5.691G
13	5.509G	14	5.713G	15	5.428G	16	5.481G
17	5.620G	18	5.291G	19	5.549G	20	5.671G
21	5.450G	22	5.724G	23	5.675G	24	5.278G
25	5.679G	26	5.372G	27	5.582G	28	5.674G
29	5.706G	30	5.473G	31	5.364G	32	5.279G
33	5.515G	34	5.580G	35	5.591G	36	5.346G
37	5.283G	38	5.531G	39	5.690G	40	5.588G
41	5.362G	42	5.334G	43	5.506G	44	5.687G
45	5.702G	46	5.415G	47	5.516G	48	5.701G
49	5.610G	50	5.579G	51	5.360G	52	5.345G
53	5.628G	54	5.548G	55	5.720G	56	5.434G
57	5.277G	58	5.276G	59	5.410G	60	5.268G
61	5.715G	62	5.644G	63	5.272G	64	5.569G
65	5.390G	66	5.341G	67	5.647G	68	5.535G
69	5.251G	70	5.380G	71	5.430G	72	5.330G
73	5.550G	74	5.619G	75	5.402G	76	5.557G
77	5.356G	78	5.538G	79	5.708G	80	5.459G
81	5.710G	82	5.324G	83	5.652G	84	5.320G
85	5.313G	86	5.498G	87	5.317G	88	5.363G
89	5.578G	90	5.285G	91	5.359G	92	5.678G
93	5.472G	94	5.577G	95	5.332G	96	5.433G
97	5.666G	98	5.439G	99	5.594G	100	5.484G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.621G	2	5.340G	3	5.469G	4	5.289G
5	5.657G	6	5.347G	7	5.587G	8	5.606G
9	5.678G	10	5.566G	11	5.452G	12	5.256G
13	5.351G	14	5.719G	15	5.520G	16	5.288G
17	5.268G	18	5.390G	19	5.459G	20	5.395G
21	5.484G	22	5.419G	23	5.597G	24	5.427G
25	5.295G	26	5.282G	27	5.579G	28	5.441G
29	5.265G	30	5.498G	31	5.570G	32	5.694G
33	5.290G	34	5.677G	35	5.311G	36	5.555G
37	5.571G	38	5.620G	39	5.489G	40	5.691G
41	5.542G	42	5.430G	43	5.300G	44	5.494G
45	5.403G	46	5.263G	47	5.434G	48	5.252G
49	5.308G	50	5.702G	51	5.286G	52	5.557G
53	5.281G	54	5.476G	55	5.321G	56	5.378G
57	5.653G	58	5.451G	59	5.421G	60	5.631G
61	5.629G	62	5.364G	63	5.361G	64	5.589G
65	5.317G	66	5.714G	67	5.669G	68	5.382G
69	5.475G	70	5.348G	71	5.532G	72	5.537G
73	5.376G	74	5.400G	75	5.423G	76	5.651G
77	5.283G	78	5.377G	79	5.510G	80	5.440G
81	5.584G	82	5.375G	83	5.619G	84	5.449G
85	5.387G	86	5.688G	87	5.711G	88	5.409G
89	5.370G	90	5.294G	91	5.369G	92	5.322G
93	5.270G	94	5.544G	95	5.413G	96	5.379G
97	5.666G	98	5.516G	99	5.582G	100	5.410G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.414G	2	5.696G	3	5.273G	4	5.384G
5	5.613G	6	5.258G	7	5.583G	8	5.535G
9	5.267G	10	5.695G	11	5.558G	12	5.594G
13	5.573G	14	5.679G	15	5.621G	16	5.386G
17	5.421G	18	5.518G	19	5.509G	20	5.716G
21	5.428G	22	5.294G	23	5.344G	24	5.330G
25	5.485G	26	5.374G	27	5.572G	28	5.445G
29	5.508G	30	5.686G	31	5.300G	32	5.284G
33	5.318G	34	5.539G	35	5.309G	36	5.486G
37	5.376G	38	5.668G	39	5.552G	40	5.608G
41	5.286G	42	5.647G	43	5.453G	44	5.702G
45	5.395G	46	5.543G	47	5.563G	48	5.283G
49	5.356G	50	5.627G	51	5.694G	52	5.398G
53	5.689G	54	5.359G	55	5.434G	56	5.304G
57	5.337G	58	5.410G	59	5.492G	60	5.361G
61	5.346G	62	5.274G	63	5.322G	64	5.579G
65	5.615G	66	5.605G	67	5.353G	68	5.606G
69	5.315G	70	5.657G	71	5.480G	72	5.574G
73	5.519G	74	5.457G	75	5.693G	76	5.326G
77	5.262G	78	5.422G	79	5.441G	80	5.301G
81	5.663G	82	5.502G	83	5.623G	84	5.447G
85	5.473G	86	5.559G	87	5.591G	88	5.491G
89	5.385G	90	5.718G	91	5.504G	92	5.307G
93	5.373G	94	5.338G	95	5.645G	96	5.430G
97	5.532G	98	5.567G	99	5.488G	100	5.651G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.560G	2	5.569G	3	5.596G	4	5.530G
5	5.529G	6	5.413G	7	5.649G	8	5.576G
9	5.685G	10	5.373G	11	5.582G	12	5.714G
13	5.314G	14	5.578G	15	5.295G	16	5.523G
17	5.461G	18	5.432G	19	5.416G	20	5.640G
21	5.510G	22	5.449G	23	5.377G	24	5.344G
25	5.324G	26	5.334G	27	5.348G	28	5.480G
29	5.410G	30	5.593G	31	5.568G	32	5.550G
33	5.715G	34	5.399G	35	5.415G	36	5.292G
37	5.482G	38	5.427G	39	5.570G	40	5.350G
41	5.642G	42	5.434G	43	5.272G	44	5.319G
45	5.406G	46	5.397G	47	5.414G	48	5.678G
49	5.585G	50	5.447G	51	5.608G	52	5.398G
53	5.378G	54	5.316G	55	5.254G	56	5.356G
57	5.704G	58	5.370G	59	5.534G	60	5.323G
61	5.492G	62	5.315G	63	5.423G	64	5.477G
65	5.586G	66	5.520G	67	5.515G	68	5.693G
69	5.716G	70	5.558G	71	5.448G	72	5.503G
73	5.589G	74	5.376G	75	5.418G	76	5.289G
77	5.363G	78	5.687G	79	5.464G	80	5.470G
81	5.603G	82	5.479G	83	5.459G	84	5.329G
85	5.261G	86	5.583G	87	5.497G	88	5.291G
89	5.595G	90	5.668G	91	5.686G	92	5.322G
93	5.518G	94	5.387G	95	5.304G	96	5.358G
97	5.666G	98	5.264G	99	5.489G	100	5.720G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.643G	2	5.273G	3	5.682G	4	5.635G
5	5.611G	6	5.301G	7	5.325G	8	5.284G
9	5.551G	10	5.454G	11	5.489G	12	5.597G
13	5.350G	14	5.621G	15	5.456G	16	5.365G
17	5.512G	18	5.723G	19	5.637G	20	5.668G
21	5.695G	22	5.568G	23	5.593G	24	5.466G
25	5.507G	26	5.369G	27	5.394G	28	5.656G
29	5.291G	30	5.554G	31	5.595G	32	5.357G
33	5.552G	34	5.480G	35	5.645G	36	5.600G
37	5.428G	38	5.311G	39	5.290G	40	5.378G
41	5.505G	42	5.541G	43	5.330G	44	5.481G
45	5.289G	46	5.406G	47	5.575G	48	5.268G
49	5.457G	50	5.282G	51	5.614G	52	5.450G
53	5.420G	54	5.714G	55	5.355G	56	5.329G
57	5.669G	58	5.590G	59	5.491G	60	5.539G
61	5.371G	62	5.576G	63	5.661G	64	5.476G
65	5.352G	66	5.642G	67	5.300G	68	5.547G
69	5.264G	70	5.254G	71	5.559G	72	5.288G
73	5.266G	74	5.484G	75	5.690G	76	5.609G
77	5.468G	78	5.362G	79	5.664G	80	5.522G
81	5.487G	82	5.391G	83	5.490G	84	5.313G
85	5.510G	86	5.257G	87	5.560G	88	5.678G
89	5.298G	90	5.310G	91	5.675G	92	5.376G
93	5.258G	94	5.553G	95	5.418G	96	5.555G
97	5.619G	98	5.380G	99	5.353G	100	5.500G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.652G	2	5.379G	3	5.331G	4	5.724G
5	5.512G	6	5.644G	7	5.474G	8	5.544G
9	5.309G	10	5.389G	11	5.619G	12	5.661G
13	5.484G	14	5.608G	15	5.534G	16	5.693G
17	5.677G	18	5.256G	19	5.653G	20	5.676G
21	5.673G	22	5.448G	23	5.598G	24	5.438G
25	5.671G	26	5.283G	27	5.558G	28	5.684G
29	5.306G	30	5.498G	31	5.465G	32	5.663G
33	5.722G	34	5.419G	35	5.441G	36	5.323G
37	5.339G	38	5.667G	39	5.368G	40	5.486G
41	5.487G	42	5.630G	43	5.456G	44	5.583G
45	5.555G	46	5.405G	47	5.646G	48	5.634G
49	5.519G	50	5.529G	51	5.575G	52	5.316G
53	5.691G	54	5.514G	55	5.589G	56	5.262G
57	5.481G	58	5.489G	59	5.313G	60	5.428G
61	5.537G	62	5.656G	63	5.412G	64	5.358G
65	5.638G	66	5.359G	67	5.276G	68	5.721G
69	5.488G	70	5.387G	71	5.476G	72	5.267G
73	5.343G	74	5.355G	75	5.258G	76	5.434G
77	5.647G	78	5.642G	79	5.585G	80	5.402G
81	5.382G	82	5.281G	83	5.285G	84	5.662G
85	5.522G	86	5.550G	87	5.614G	88	5.545G
89	5.466G	90	5.649G	91	5.617G	92	5.475G
93	5.301G	94	5.666G	95	5.609G	96	5.334G
97	5.530G	98	5.669G	99	5.424G	100	5.461G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.644G	2	5.559G	3	5.641G	4	5.298G
5	5.312G	6	5.649G	7	5.310G	8	5.627G
9	5.678G	10	5.250G	11	5.331G	12	5.687G
13	5.299G	14	5.638G	15	5.571G	16	5.610G
17	5.402G	18	5.657G	19	5.552G	20	5.501G
21	5.398G	22	5.422G	23	5.670G	24	5.702G
25	5.557G	26	5.262G	27	5.425G	28	5.691G
29	5.497G	30	5.614G	31	5.522G	32	5.505G
33	5.338G	34	5.574G	35	5.699G	36	5.613G
37	5.493G	38	5.456G	39	5.254G	40	5.336G
41	5.640G	42	5.397G	43	5.408G	44	5.704G
45	5.544G	46	5.304G	47	5.565G	48	5.506G
49	5.432G	50	5.690G	51	5.662G	52	5.287G
53	5.618G	54	5.661G	55	5.528G	56	5.564G
57	5.345G	58	5.623G	59	5.290G	60	5.611G
61	5.418G	62	5.621G	63	5.682G	64	5.415G
65	5.647G	66	5.537G	67	5.295G	68	5.375G
69	5.633G	70	5.514G	71	5.563G	72	5.570G
73	5.650G	74	5.696G	75	5.540G	76	5.363G
77	5.605G	78	5.449G	79	5.344G	80	5.599G
81	5.440G	82	5.303G	83	5.334G	84	5.473G
85	5.362G	86	5.637G	87	5.361G	88	5.419G
89	5.566G	90	5.428G	91	5.555G	92	5.347G
93	5.314G	94	5.283G	95	5.379G	96	5.507G
97	5.305G	98	5.609G	99	5.462G	100	5.588G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.315G	2	5.345G	3	5.450G	4	5.373G
5	5.716G	6	5.409G	7	5.260G	8	5.600G
9	5.291G	10	5.482G	11	5.480G	12	5.617G
13	5.499G	14	5.571G	15	5.459G	16	5.596G
17	5.579G	18	5.473G	19	5.565G	20	5.581G
21	5.326G	22	5.511G	23	5.364G	24	5.615G
25	5.322G	26	5.257G	27	5.520G	28	5.275G
29	5.321G	30	5.278G	31	5.533G	32	5.591G
33	5.514G	34	5.465G	35	5.402G	36	5.558G
37	5.367G	38	5.295G	39	5.538G	40	5.349G
41	5.507G	42	5.634G	43	5.383G	44	5.611G
45	5.310G	46	5.414G	47	5.570G	48	5.629G
49	5.688G	50	5.289G	51	5.458G	52	5.251G
53	5.623G	54	5.478G	55	5.707G	56	5.681G
57	5.705G	58	5.416G	59	5.658G	60	5.319G
61	5.255G	62	5.327G	63	5.532G	64	5.307G
65	5.253G	66	5.585G	67	5.592G	68	5.668G
69	5.471G	70	5.425G	71	5.575G	72	5.678G
73	5.366G	74	5.710G	75	5.612G	76	5.679G
77	5.625G	78	5.358G	79	5.649G	80	5.350G
81	5.568G	82	5.426G	83	5.380G	84	5.583G
85	5.263G	86	5.587G	87	5.348G	88	5.563G
89	5.318G	90	5.724G	91	5.464G	92	5.484G
93	5.494G	94	5.404G	95	5.606G	96	5.633G
97	5.466G	98	5.597G	99	5.527G	100	5.382G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.328G	2	5.653G	3	5.305G	4	5.536G
5	5.510G	6	5.364G	7	5.434G	8	5.587G
9	5.474G	10	5.331G	11	5.624G	12	5.586G
13	5.469G	14	5.502G	15	5.636G	16	5.665G
17	5.272G	18	5.569G	19	5.446G	20	5.302G
21	5.277G	22	5.273G	23	5.354G	24	5.576G
25	5.442G	26	5.652G	27	5.380G	28	5.368G
29	5.410G	30	5.314G	31	5.648G	32	5.293G
33	5.542G	34	5.340G	35	5.370G	36	5.350G
37	5.631G	38	5.343G	39	5.715G	40	5.640G
41	5.662G	42	5.388G	43	5.392G	44	5.632G
45	5.284G	46	5.505G	47	5.357G	48	5.683G
49	5.518G	50	5.436G	51	5.414G	52	5.479G
53	5.633G	54	5.628G	55	5.420G	56	5.339G
57	5.639G	58	5.250G	59	5.617G	60	5.559G
61	5.656G	62	5.673G	63	5.254G	64	5.386G
65	5.323G	66	5.630G	67	5.308G	68	5.395G
69	5.454G	70	5.647G	71	5.355G	72	5.316G
73	5.358G	74	5.561G	75	5.329G	76	5.595G
77	5.491G	78	5.374G	79	5.405G	80	5.584G
81	5.265G	82	5.318G	83	5.650G	84	5.579G
85	5.327G	86	5.664G	87	5.451G	88	5.330G
89	5.411G	90	5.661G	91	5.544G	92	5.346G
93	5.347G	94	5.660G	95	5.252G	96	5.571G
97	5.278G	98	5.403G	99	5.359G	100	5.699G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.389G	2	5.341G	3	5.572G	4	5.448G
5	5.709G	6	5.398G	7	5.257G	8	5.505G
9	5.675G	10	5.580G	11	5.301G	12	5.517G
13	5.704G	14	5.592G	15	5.650G	16	5.616G
17	5.469G	18	5.685G	19	5.392G	20	5.465G
21	5.507G	22	5.720G	23	5.346G	24	5.383G
25	5.511G	26	5.576G	27	5.437G	28	5.261G
29	5.476G	30	5.561G	31	5.679G	32	5.502G
33	5.646G	34	5.304G	35	5.585G	36	5.590G
37	5.577G	38	5.599G	39	5.718G	40	5.513G
41	5.492G	42	5.578G	43	5.409G	44	5.349G
45	5.431G	46	5.605G	47	5.523G	48	5.618G
49	5.587G	50	5.459G	51	5.528G	52	5.520G
53	5.512G	54	5.263G	55	5.292G	56	5.573G
57	5.703G	58	5.480G	59	5.439G	60	5.623G
61	5.493G	62	5.478G	63	5.712G	64	5.313G
65	5.315G	66	5.348G	67	5.260G	68	5.522G
69	5.372G	70	5.558G	71	5.696G	72	5.488G
73	5.475G	74	5.550G	75	5.519G	76	5.601G
77	5.659G	78	5.489G	79	5.442G	80	5.275G
81	5.486G	82	5.719G	83	5.337G	84	5.423G
85	5.322G	86	5.404G	87	5.416G	88	5.479G
89	5.330G	90	5.425G	91	5.441G	92	5.273G
93	5.289G	94	5.380G	95	5.713G	96	5.328G
97	5.420G	98	5.410G	99	5.552G	100	5.269G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.530G	2	5.655G	3	5.358G	4	5.356G
5	5.445G	6	5.304G	7	5.502G	8	5.449G
9	5.679G	10	5.593G	11	5.626G	12	5.329G
13	5.500G	14	5.490G	15	5.415G	16	5.287G
17	5.532G	18	5.380G	19	5.302G	20	5.640G
21	5.624G	22	5.414G	23	5.437G	24	5.695G
25	5.698G	26	5.451G	27	5.603G	28	5.550G
29	5.579G	30	5.439G	31	5.548G	32	5.370G
33	5.456G	34	5.384G	35	5.627G	36	5.255G
37	5.696G	38	5.499G	39	5.408G	40	5.539G
41	5.433G	42	5.420G	43	5.478G	44	5.602G
45	5.336G	46	5.307G	47	5.463G	48	5.528G
49	5.256G	50	5.475G	51	5.571G	52	5.367G
53	5.295G	54	5.551G	55	5.724G	56	5.412G
57	5.273G	58	5.263G	59	5.652G	60	5.461G
61	5.723G	62	5.518G	63	5.649G	64	5.337G
65	5.718G	66	5.671G	67	5.406G	68	5.350G
69	5.506G	70	5.294G	71	5.690G	72	5.309G
73	5.635G	74	5.619G	75	5.687G	76	5.426G
77	5.523G	78	5.379G	79	5.704G	80	5.614G
81	5.366G	82	5.512G	83	5.491G	84	5.658G
85	5.538G	86	5.338G	87	5.505G	88	5.481G
89	5.612G	90	5.688G	91	5.265G	92	5.507G
93	5.378G	94	5.651G	95	5.674G	96	5.488G
97	5.668G	98	5.498G	99	5.312G	100	5.362G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.671G	2	5.580G	3	5.452G	4	5.386G
5	5.662G	6	5.275G	7	5.566G	8	5.370G
9	5.498G	10	5.505G	11	5.416G	12	5.460G
13	5.352G	14	5.420G	15	5.319G	16	5.675G
17	5.656G	18	5.479G	19	5.295G	20	5.681G
21	5.308G	22	5.620G	23	5.637G	24	5.465G
25	5.338G	26	5.647G	27	5.445G	28	5.609G
29	5.444G	30	5.683G	31	5.601G	32	5.324G
33	5.630G	34	5.378G	35	5.466G	36	5.575G
37	5.323G	38	5.404G	39	5.561G	40	5.674G
41	5.669G	42	5.288G	43	5.300G	44	5.254G
45	5.250G	46	5.371G	47	5.648G	48	5.343G
49	5.303G	50	5.358G	51	5.384G	52	5.531G
53	5.394G	54	5.390G	55	5.628G	56	5.569G
57	5.703G	58	5.508G	59	5.263G	60	5.260G
61	5.357G	62	5.439G	63	5.424G	64	5.450G
65	5.258G	66	5.592G	67	5.557G	68	5.389G
69	5.367G	70	5.326G	71	5.544G	72	5.670G
73	5.586G	74	5.321G	75	5.713G	76	5.699G
77	5.607G	78	5.503G	79	5.396G	80	5.631G
81	5.274G	82	5.529G	83	5.467G	84	5.363G
85	5.604G	86	5.344G	87	5.456G	88	5.327G
89	5.514G	90	5.623G	91	5.373G	92	5.472G
93	5.548G	94	5.281G	95	5.536G	96	5.702G
97	5.451G	98	5.488G	99	5.518G	100	5.596G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.340G	2	5.389G	3	5.298G	4	5.552G
5	5.635G	6	5.406G	7	5.446G	8	5.356G
9	5.439G	10	5.398G	11	5.491G	12	5.615G
13	5.384G	14	5.690G	15	5.377G	16	5.288G
17	5.593G	18	5.543G	19	5.323G	20	5.400G
21	5.707G	22	5.418G	23	5.456G	24	5.620G
25	5.319G	26	5.589G	27	5.509G	28	5.312G
29	5.437G	30	5.339G	31	5.591G	32	5.358G
33	5.684G	34	5.598G	35	5.554G	36	5.544G
37	5.567G	38	5.586G	39	5.373G	40	5.710G
41	5.594G	42	5.581G	43	5.275G	44	5.357G
45	5.268G	46	5.426G	47	5.440G	48	5.266G
49	5.392G	50	5.537G	51	5.641G	52	5.460G
53	5.667G	54	5.394G	55	5.396G	56	5.519G
57	5.263G	58	5.369G	59	5.470G	60	5.534G
61	5.343G	62	5.678G	63	5.316G	64	5.546G
65	5.376G	66	5.700G	67	5.695G	68	5.694G
69	5.435G	70	5.333G	71	5.692G	72	5.701G
73	5.401G	74	5.363G	75	5.350G	76	5.287G
77	5.490G	78	5.587G	79	5.483G	80	5.613G
81	5.434G	82	5.674G	83	5.457G	84	5.508G
85	5.499G	86	5.563G	87	5.645G	88	5.368G
89	5.393G	90	5.618G	91	5.335G	92	5.588G
93	5.445G	94	5.270G	95	5.711G	96	5.464G
97	5.468G	98	5.462G	99	5.505G	100	5.550G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.365G	2	5.602G	3	5.650G	4	5.405G
5	5.675G	6	5.310G	7	5.671G	8	5.667G
9	5.693G	10	5.447G	11	5.336G	12	5.562G
13	5.522G	14	5.398G	15	5.716G	16	5.479G
17	5.431G	18	5.409G	19	5.401G	20	5.335G
21	5.708G	22	5.507G	23	5.421G	24	5.296G
25	5.638G	26	5.385G	27	5.450G	28	5.369G
29	5.362G	30	5.534G	31	5.480G	32	5.565G
33	5.707G	34	5.338G	35	5.370G	36	5.611G
37	5.372G	38	5.703G	39	5.633G	40	5.286G
41	5.722G	42	5.599G	43	5.630G	44	5.465G
45	5.625G	46	5.468G	47	5.388G	48	5.397G
49	5.445G	50	5.657G	51	5.549G	52	5.486G
53	5.287G	54	5.354G	55	5.655G	56	5.469G
57	5.442G	58	5.307G	59	5.704G	60	5.720G
61	5.690G	62	5.482G	63	5.606G	64	5.662G
65	5.331G	66	5.399G	67	5.391G	68	5.694G
69	5.462G	70	5.454G	71	5.282G	72	5.700G
73	5.275G	74	5.350G	75	5.561G	76	5.470G
77	5.616G	78	5.661G	79	5.544G	80	5.376G
81	5.683G	82	5.316G	83	5.718G	84	5.301G
85	5.659G	86	5.466G	87	5.347G	88	5.312G
89	5.515G	90	5.461G	91	5.299G	92	5.632G
93	5.306G	94	5.386G	95	5.712G	96	5.513G
97	5.356G	98	5.714G	99	5.489G	100	5.325G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.413G	2	5.624G	3	5.349G	4	5.439G
5	5.557G	6	5.317G	7	5.515G	8	5.475G
9	5.396G	10	5.490G	11	5.444G	12	5.639G
13	5.342G	14	5.599G	15	5.577G	16	5.697G
17	5.451G	18	5.588G	19	5.668G	20	5.665G
21	5.546G	22	5.513G	23	5.372G	24	5.529G
25	5.358G	26	5.579G	27	5.407G	28	5.293G
29	5.709G	30	5.417G	31	5.626G	32	5.336G
33	5.285G	34	5.403G	35	5.681G	36	5.608G
37	5.435G	38	5.267G	39	5.574G	40	5.250G
41	5.321G	42	5.259G	43	5.255G	44	5.353G
45	5.371G	46	5.676G	47	5.616G	48	5.269G
49	5.351G	50	5.406G	51	5.543G	52	5.609G
53	5.314G	54	5.436G	55	5.419G	56	5.572G
57	5.678G	58	5.333G	59	5.690G	60	5.379G
61	5.712G	62	5.531G	63	5.526G	64	5.339G
65	5.643G	66	5.462G	67	5.667G	68	5.611G
69	5.326G	70	5.320G	71	5.409G	72	5.401G
73	5.612G	74	5.440G	75	5.559G	76	5.425G
77	5.537G	78	5.640G	79	5.412G	80	5.338G
81	5.686G	82	5.300G	83	5.280G	84	5.705G
85	5.706G	86	5.545G	87	5.272G	88	5.630G
89	5.723G	90	5.432G	91	5.357G	92	5.505G
93	5.263G	94	5.394G	95	5.347G	96	5.346G
97	5.625G	98	5.591G	99	5.311G	100	5.350G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.489G	2	5.482G	3	5.417G	4	5.570G
5	5.703G	6	5.304G	7	5.337G	8	5.711G
9	5.257G	10	5.589G	11	5.360G	12	5.654G
13	5.548G	14	5.658G	15	5.406G	16	5.367G
17	5.369G	18	5.457G	19	5.519G	20	5.580G
21	5.573G	22	5.266G	23	5.576G	24	5.491G
25	5.594G	26	5.333G	27	5.605G	28	5.710G
29	5.582G	30	5.427G	31	5.449G	32	5.616G
33	5.462G	34	5.408G	35	5.252G	36	5.416G
37	5.303G	38	5.398G	39	5.458G	40	5.384G
41	5.342G	42	5.670G	43	5.571G	44	5.262G
45	5.553G	46	5.638G	47	5.326G	48	5.321G
49	5.299G	50	5.641G	51	5.631G	52	5.500G
53	5.598G	54	5.308G	55	5.537G	56	5.568G
57	5.464G	58	5.436G	59	5.287G	60	5.604G
61	5.627G	62	5.649G	63	5.259G	64	5.640G
65	5.659G	66	5.565G	67	5.592G	68	5.554G
69	5.529G	70	5.569G	71	5.577G	72	5.639G
73	5.420G	74	5.463G	75	5.403G	76	5.286G
77	5.611G	78	5.601G	79	5.581G	80	5.253G
81	5.295G	82	5.550G	83	5.534G	84	5.486G
85	5.264G	86	5.261G	87	5.284G	88	5.359G
89	5.564G	90	5.498G	91	5.424G	92	5.698G
93	5.324G	94	5.356G	95	5.470G	96	5.323G
97	5.467G	98	5.346G	99	5.526G	100	5.612G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.412G	2	5.271G	3	5.482G	4	5.618G
5	5.371G	6	5.316G	7	5.521G	8	5.386G
9	5.350G	10	5.279G	11	5.708G	12	5.452G
13	5.619G	14	5.705G	15	5.469G	16	5.660G
17	5.719G	18	5.419G	19	5.343G	20	5.328G
21	5.625G	22	5.549G	23	5.287G	24	5.358G
25	5.448G	26	5.682G	27	5.544G	28	5.334G
29	5.357G	30	5.410G	31	5.717G	32	5.302G
33	5.715G	34	5.443G	35	5.250G	36	5.407G
37	5.313G	38	5.421G	39	5.535G	40	5.432G
41	5.681G	42	5.427G	43	5.674G	44	5.709G
45	5.367G	46	5.558G	47	5.507G	48	5.580G
49	5.282G	50	5.403G	51	5.274G	52	5.297G
53	5.711G	54	5.392G	55	5.563G	56	5.268G
57	5.251G	58	5.288G	59	5.550G	60	5.331G
61	5.396G	62	5.589G	63	5.347G	64	5.277G
65	5.310G	66	5.633G	67	5.489G	68	5.597G
69	5.368G	70	5.503G	71	5.393G	72	5.598G
73	5.362G	74	5.290G	75	5.352G	76	5.572G
77	5.363G	78	5.260G	79	5.384G	80	5.520G
81	5.692G	82	5.481G	83	5.706G	84	5.342G
85	5.645G	86	5.687G	87	5.332G	88	5.394G
89	5.716G	90	5.312G	91	5.628G	92	5.314G
93	5.656G	94	5.341G	95	5.556G	96	5.554G
97	5.459G	98	5.668G	99	5.487G	100	5.616G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.379G	2	5.656G	3	5.367G	4	5.601G
5	5.699G	6	5.450G	7	5.528G	8	5.638G
9	5.484G	10	5.448G	11	5.639G	12	5.364G
13	5.356G	14	5.281G	15	5.322G	16	5.586G
17	5.597G	18	5.329G	19	5.479G	20	5.372G
21	5.533G	22	5.480G	23	5.276G	24	5.571G
25	5.421G	26	5.572G	27	5.307G	28	5.514G
29	5.660G	30	5.610G	31	5.503G	32	5.698G
33	5.390G	34	5.707G	35	5.300G	36	5.350G
37	5.716G	38	5.306G	39	5.271G	40	5.630G
41	5.406G	42	5.609G	43	5.540G	44	5.368G
45	5.722G	46	5.661G	47	5.274G	48	5.632G
49	5.360G	50	5.526G	51	5.539G	52	5.663G
53	5.574G	54	5.346G	55	5.598G	56	5.399G
57	5.463G	58	5.623G	59	5.265G	60	5.257G
61	5.575G	62	5.355G	63	5.704G	64	5.640G
65	5.594G	66	5.344G	67	5.637G	68	5.607G
69	5.330G	70	5.590G	71	5.674G	72	5.512G
73	5.266G	74	5.581G	75	5.339G	76	5.580G
77	5.465G	78	5.532G	79	5.665G	80	5.296G
81	5.679G	82	5.345G	83	5.515G	84	5.462G
85	5.700G	86	5.666G	87	5.585G	88	5.507G
89	5.272G	90	5.519G	91	5.422G	92	5.577G
93	5.316G	94	5.548G	95	5.653G	96	5.332G
97	5.712G	98	5.444G	99	5.669G	100	5.361G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.531G	2	5.675G	3	5.640G	4	5.250G
5	5.491G	6	5.324G	7	5.659G	8	5.513G
9	5.658G	10	5.451G	11	5.363G	12	5.367G
13	5.497G	14	5.353G	15	5.672G	16	5.300G
17	5.308G	18	5.615G	19	5.670G	20	5.378G
21	5.288G	22	5.380G	23	5.685G	24	5.610G
25	5.562G	26	5.532G	27	5.413G	28	5.469G
29	5.510G	30	5.350G	31	5.717G	32	5.556G
33	5.339G	34	5.622G	35	5.642G	36	5.436G
37	5.412G	38	5.723G	39	5.334G	40	5.260G
41	5.404G	42	5.377G	43	5.534G	44	5.332G
45	5.707G	46	5.612G	47	5.564G	48	5.603G
49	5.401G	50	5.614G	51	5.298G	52	5.366G
53	5.611G	54	5.508G	55	5.637G	56	5.711G
57	5.408G	58	5.600G	59	5.516G	60	5.437G
61	5.364G	62	5.419G	63	5.490G	64	5.661G
65	5.471G	66	5.494G	67	5.648G	68	5.633G
69	5.476G	70	5.460G	71	5.396G	72	5.304G
73	5.604G	74	5.605G	75	5.694G	76	5.617G
77	5.657G	78	5.415G	79	5.457G	80	5.278G
81	5.294G	82	5.395G	83	5.433G	84	5.261G
85	5.336G	86	5.625G	87	5.421G	88	5.344G
89	5.509G	90	5.714G	91	5.434G	92	5.662G
93	5.660G	94	5.409G	95	5.330G	96	5.400G
97	5.552G	98	5.447G	99	5.641G	100	5.375G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.334G	2	5.703G	3	5.323G	4	5.590G
5	5.517G	6	5.689G	7	5.315G	8	5.576G
9	5.639G	10	5.426G	11	5.706G	12	5.569G
13	5.498G	14	5.298G	15	5.494G	16	5.642G
17	5.411G	18	5.335G	19	5.695G	20	5.412G
21	5.567G	22	5.553G	23	5.430G	24	5.558G
25	5.519G	26	5.649G	27	5.283G	28	5.379G
29	5.675G	30	5.483G	31	5.269G	32	5.691G
33	5.432G	34	5.693G	35	5.557G	36	5.471G
37	5.468G	38	5.645G	39	5.329G	40	5.503G
41	5.419G	42	5.454G	43	5.598G	44	5.594G
45	5.718G	46	5.720G	47	5.295G	48	5.571G
49	5.668G	50	5.301G	51	5.535G	52	5.435G
53	5.260G	54	5.520G	55	5.634G	56	5.253G
57	5.441G	58	5.268G	59	5.673G	60	5.351G
61	5.656G	62	5.545G	63	5.333G	64	5.457G
65	5.312G	66	5.497G	67	5.631G	68	5.265G
69	5.502G	70	5.688G	71	5.343G	72	5.296G
73	5.300G	74	5.322G	75	5.341G	76	5.487G
77	5.370G	78	5.480G	79	5.607G	80	5.362G
81	5.324G	82	5.403G	83	5.528G	84	5.541G
85	5.663G	86	5.592G	87	5.406G	88	5.257G
89	5.365G	90	5.507G	91	5.482G	92	5.632G
93	5.328G	94	5.271G	95	5.638G	96	5.539G
97	5.438G	98	5.264G	99	5.491G	100	5.620G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.697G	2	5.294G	3	5.685G	4	5.395G
5	5.430G	6	5.668G	7	5.516G	8	5.356G
9	5.667G	10	5.289G	11	5.370G	12	5.497G
13	5.373G	14	5.417G	15	5.639G	16	5.603G
17	5.445G	18	5.604G	19	5.724G	20	5.489G
21	5.535G	22	5.278G	23	5.676G	24	5.594G
25	5.439G	26	5.577G	27	5.479G	28	5.383G
29	5.346G	30	5.297G	31	5.674G	32	5.708G
33	5.606G	34	5.464G	35	5.711G	36	5.628G
37	5.409G	38	5.533G	39	5.275G	40	5.350G
41	5.271G	42	5.493G	43	5.512G	44	5.656G
45	5.473G	46	5.718G	47	5.288G	48	5.664G
49	5.602G	50	5.652G	51	5.590G	52	5.499G
53	5.680G	54	5.389G	55	5.670G	56	5.335G
57	5.280G	58	5.296G	59	5.563G	60	5.474G
61	5.648G	62	5.279G	63	5.436G	64	5.357G
65	5.700G	66	5.412G	67	5.272G	68	5.562G
69	5.460G	70	5.585G	71	5.385G	72	5.486G
73	5.254G	74	5.307G	75	5.291G	76	5.556G
77	5.263G	78	5.314G	79	5.379G	80	5.701G
81	5.539G	82	5.506G	83	5.323G	84	5.501G
85	5.274G	86	5.578G	87	5.438G	88	5.596G
89	5.695G	90	5.416G	91	5.713G	92	5.472G
93	5.586G	94	5.492G	95	5.366G	96	5.424G
97	5.260G	98	5.482G	99	5.304G	100	5.410G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.435G	2	5.285G	3	5.653G	4	5.699G
5	5.304G	6	5.723G	7	5.262G	8	5.428G
9	5.519G	10	5.568G	11	5.250G	12	5.671G
13	5.632G	14	5.515G	15	5.637G	16	5.642G
17	5.718G	18	5.487G	19	5.589G	20	5.478G
21	5.378G	22	5.380G	23	5.590G	24	5.323G
25	5.462G	26	5.331G	27	5.601G	28	5.652G
29	5.550G	30	5.540G	31	5.312G	32	5.387G
33	5.516G	34	5.684G	35	5.477G	36	5.494G
37	5.342G	38	5.716G	39	5.613G	40	5.453G
41	5.623G	42	5.460G	43	5.284G	44	5.604G
45	5.666G	46	5.265G	47	5.670G	48	5.615G
49	5.700G	50	5.479G	51	5.571G	52	5.335G
53	5.552G	54	5.493G	55	5.447G	56	5.303G
57	5.634G	58	5.585G	59	5.317G	60	5.411G
61	5.668G	62	5.629G	63	5.535G	64	5.646G
65	5.572G	66	5.702G	67	5.258G	68	5.703G
69	5.419G	70	5.333G	71	5.307G	72	5.527G
73	5.663G	74	5.465G	75	5.328G	76	5.497G
77	5.658G	78	5.583G	79	5.347G	80	5.669G
81	5.593G	82	5.344G	83	5.581G	84	5.400G
85	5.721G	86	5.712G	87	5.673G	88	5.390G
89	5.348G	90	5.555G	91	5.368G	92	5.661G
93	5.252G	94	5.338G	95	5.454G	96	5.611G
97	5.319G	98	5.322G	99	5.695G	100	5.582G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.680G	2	5.592G	3	5.652G	4	5.477G
5	5.271G	6	5.654G	7	5.666G	8	5.444G
9	5.296G	10	5.396G	11	5.577G	12	5.420G
13	5.701G	14	5.331G	15	5.462G	16	5.313G
17	5.497G	18	5.523G	19	5.551G	20	5.426G
21	5.647G	22	5.311G	23	5.718G	24	5.374G
25	5.361G	26	5.425G	27	5.515G	28	5.385G
29	5.610G	30	5.624G	31	5.684G	32	5.675G
33	5.500G	34	5.399G	35	5.448G	36	5.295G
37	5.612G	38	5.673G	39	5.534G	40	5.625G
41	5.353G	42	5.695G	43	5.310G	44	5.451G
45	5.722G	46	5.268G	47	5.586G	48	5.371G
49	5.266G	50	5.620G	51	5.281G	52	5.583G
53	5.501G	54	5.261G	55	5.393G	56	5.651G
57	5.545G	58	5.258G	59	5.616G	60	5.638G
61	5.619G	62	5.485G	63	5.505G	64	5.316G
65	5.540G	66	5.697G	67	5.354G	68	5.458G
69	5.287G	70	5.300G	71	5.358G	72	5.302G
73	5.668G	74	5.336G	75	5.547G	76	5.439G
77	5.517G	78	5.714G	79	5.278G	80	5.676G
81	5.650G	82	5.373G	83	5.329G	84	5.330G
85	5.421G	86	5.530G	87	5.581G	88	5.301G
89	5.372G	90	5.435G	91	5.553G	92	5.283G
93	5.710G	94	5.601G	95	5.556G	96	5.457G
97	5.366G	98	5.626G	99	5.543G	100	5.674G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.393G	2	5.265G	3	5.585G	4	5.372G
5	5.596G	6	5.564G	7	5.571G	8	5.425G
9	5.589G	10	5.471G	11	5.341G	12	5.645G
13	5.691G	14	5.353G	15	5.565G	16	5.322G
17	5.357G	18	5.703G	19	5.485G	20	5.262G
21	5.634G	22	5.310G	23	5.422G	24	5.533G
25	5.669G	26	5.559G	27	5.483G	28	5.517G
29	5.594G	30	5.529G	31	5.453G	32	5.255G
33	5.424G	34	5.382G	35	5.636G	36	5.560G
37	5.369G	38	5.457G	39	5.289G	40	5.427G
41	5.391G	42	5.609G	43	5.672G	44	5.591G
45	5.500G	46	5.429G	47	5.339G	48	5.482G
49	5.664G	50	5.635G	51	5.578G	52	5.508G
53	5.307G	54	5.558G	55	5.535G	56	5.437G
57	5.449G	58	5.348G	59	5.654G	60	5.470G
61	5.519G	62	5.633G	63	5.390G	64	5.480G
65	5.271G	66	5.541G	67	5.723G	68	5.420G
69	5.644G	70	5.671G	71	5.432G	72	5.389G
73	5.554G	74	5.567G	75	5.253G	76	5.395G
77	5.584G	78	5.392G	79	5.299G	80	5.330G
81	5.343G	82	5.590G	83	5.350G	84	5.713G
85	5.370G	86	5.319G	87	5.428G	88	5.252G
89	5.700G	90	5.523G	91	5.646G	92	5.331G
93	5.711G	94	5.706G	95	5.710G	96	5.479G
97	5.598G	98	5.361G	99	5.440G	100	5.522G

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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	3	17M	55.4u	1.013m	1.262m	59m
2	1	15M	85.5u	-	-	631m
3	2	20M	74.1u	1.853m	-	685m
4	1	14M	68.2u	-	-	677m
5	2	14M	87.3u	1.314m	-	567m
6	2	20M	65.9u	1.071m	-	448m
7	2	19M	93.2u	1.339m	-	602m
8	2	15M	99.3u	1.313m	-	133m
9	2	18M	65.9u	0.985m	-	1002m
10	1	13M	64.6u	-	-	343m
11	2	14M	57.6u	1.412m	-	96m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_02 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	18M	59.8u	-	-	315m
2	1	12M	53.6u	-	-	685m
3	3	18M	78.7u	0.931m	1.083m	714m
4	2	10M	66.2u	1.173m	-	285m
5	2	8M	56.1u	1.552m	-	641m
6	3	9M	87.6u	1.221m	1.291m	411m
7	2	12M	67.7u	1.808m	-	43m
8	1	19M	63.3u	-	-	732m
9	2	15M	99.9u	1.764m	-	11m
10	3	20M	78.6u	0.934m	1.324m	203m
11	2	15M	69.8u	1.276m	-	537m
12	2	7M	68u	0.958m	-	657m
13	2	13M	70.8u	1.76m	-	317m
14	2	19M	78.7u	1.441m	-	460m
15	2	13M	92.5u	1.189m	-	570m
16	2	6M	57.3u	1.275m	-	195m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_03 Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	15M	64.7u	-	-	617.7m
2	2	15M	99.1u	1.498m	-	1.448
3	1	10M	83.7u	-	-	1.172
4	2	13M	69.9u	1.084m	-	376.7m
5	3	13M	55.2u	974.8u	1.294m	162.2m
6	3	19M	99.9u	1.821m	1.376m	1.109
7	3	6M	92.8u	1.691m	1.442m	934.9m
8	1	19M	84.0u	-	-	882.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_04 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	19M	77.0u	1.482m	1.877m	37.71m
2	3	11M	69.6u	1.784m	1.571m	178.0m
3	3	5M	51.1u	1.222m	1.362m	56.18m
4	2	8M	60.6u	1.605m	-	325.8m
5	2	15M	69.6u	1.194m	-	151.9m
6	1	9M	63.2u	-	-	472.1m
7	2	13M	95.7u	995.3u	-	520.4m
8	1	12M	86.4u	-	-	480.3m
9	2	10M	92.4u	1.894m	-	431.0m
10	3	17M	71.8u	1.141m	1.859m	583.9m
11	1	8M	51.8u	-	-	376.8m
12	2	17M	60.3u	1.708m	-	588.1m
13	2	6M	80.9u	1.905m	-	405.5m
14	2	16M	78.9u	1.680m	-	361.4m
15	3	20M	90.6u	1.789m	1.332m	470.6m
16	2	7M	91.1u	1.217m	-	121.0m
17	1	14M	52.9u	-	-	453.0m
18	1	5M	81.1u	-	-	75.09m
19	3	13M	57.5u	1.718m	1.419m	154.5m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_05 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	15M	51.8u	1.158m	1.617m	461.2m
2	1	13M	84.6u	-	-	659.3m
3	1	5M	64.0u	-	-	189.4m
4	2	5M	84.7u	1.342m	-	562.1m
5	3	16M	72.6u	1.203m	1.486m	440.8m
6	1	19M	58.2u	-	-	552.3m
7	2	10M	52.3u	1.807m	-	478.9m
8	3	8M	78.3u	1.552m	1.783m	159.1m
9	2	7M	77.4u	1.589m	-	340.0m
10	2	8M	66.7u	1.638m	-	19.20m
11	1	5M	96.7u	-	-	550.2m
12	1	6M	76.8u	-	-	103.5m
13	1	14M	81.7u	-	-	295.0m
14	2	13M	94.0u	1.027m	-	121.2m
15	1	12M	85.5u	-	-	352.2m
16	3	17M	69.3u	1.002m	1.722m	66.47m
17	3	15M	76.0u	1.600m	1.260m	444.0m
18	2	20M	66.5u	1.099m	-	5.310m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_06 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	55.7u	-	-	55.07m
2	1	11M	99.9u	-	-	374.0m
3	1	7M	64.0u	-	-	592.7m
4	1	8M	68.5u	-	-	312.9m
5	3	16M	63.9u	1.244m	1.626m	640.4m
6	3	14M	60.9u	1.290m	1.089m	25.61m
7	2	19M	64.2u	991.8u	-	574.8m
8	3	16M	81.3u	1.284m	1.881m	337.7m
9	3	13M	62.6u	1.838m	1.853m	676.1m
10	3	10M	81.0u	1.575m	1.284m	408.2m
11	1	17M	96.4u	-	-	615.5m
12	2	16M	81.5u	1.185m	-	573.0m
13	2	17M	92.4u	1.198m	-	332.7m
14	1	8M	90.8u	-	-	380.5m
15	2	10M	69.1u	1.227m	-	469.3m
16	1	11M	75.5u	-	-	428.8m
17	2	11M	50.7u	1.391m	-	427.5m

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	8M	64.5u	-	-	302.6m
2	3	20M	83.7u	966.3u	1.557m	47.18m
3	2	18M	81.2u	1.047m	-	534.1m
4	1	18M	84.2u	-	-	645.1m
5	2	19M	61.8u	1.798m	-	450.3m
6	3	19M	82.0u	1.097m	1.105m	164.2m
7	2	16M	81.3u	1.512m	-	702.4m
8	2	10M	84.9u	1.819m	-	645.0m
9	1	6M	59.6u	-	-	357.0m
10	2	8M	57.4u	1.427m	-	67.17m
11	3	7M	74.9u	1.616m	1.675m	247.7m
12	1	19M	69.7u	-	-	358.6m
13	1	20M	91.7u	-	-	659.8m
14	2	19M	63.0u	1.174m	-	603.2m
15	3	14M	83.9u	1.554m	1.401m	349.3m
16	2	7M	63.3u	1.524m	-	240.6m
17	1	10M	74.1u	-	-	113.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_08 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	7M	95.5u	-	-	175.6m
2	1	9M	91.6u	-	-	697.4m
3	2	10M	83.5u	1.309m	-	335.8m
4	2	15M	75.6u	1.263m	-	83.67m
5	2	12M	50.1u	1.557m	-	13.32m
6	2	15M	61.4u	1.235m	-	370.6m
7	3	17M	89.2u	1.525m	1.552m	605.1m
8	3	10M	56.1u	1.459m	1.458m	746.5m
9	3	6M	60.1u	1.866m	1.452m	537.8m
10	1	6M	69.5u	-	-	377.8m
11	2	18M	85.3u	1.096m	-	725.8m
12	3	10M	97.0u	1.876m	1.667m	217.9m
13	2	19M	79.3u	1.490m	-	709.2m
14	1	15M	79.6u	-	-	296.8m
15	1	17M	62.4u	-	-	619.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_09 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	6M	56.3u	1.208m	-	887.5m
2	2	14M	50.9u	1.313m	-	197.4m
3	3	11M	99.2u	989.8u	1.851m	602.6m
4	2	17M	97.2u	1.515m	-	608.7m
5	3	15M	59.1u	1.682m	1.382m	605.3m
6	2	18M	90.0u	1.147m	-	122.3m
7	1	16M	75.8u	-	-	447.6m
8	2	12M	73.5u	1.597m	-	506.7m
9	3	16M	63.8u	1.418m	1.918m	135.7m
10	2	15M	52.8u	1.244m	-	357.1m
11	2	6M	99.9u	1.274m	-	661.1m
12	3	19M	62.1u	1.705m	1.269m	262.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_10 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	58.7u	1.473m	-	253.1m
2	2	11M	65.9u	1.090m	-	76.47m
3	2	17M	51.1u	968.9u	-	452.6m
4	3	9M	86.9u	1.888m	1.736m	626.6m
5	3	16M	83.6u	1.633m	1.368m	83.90m
6	1	11M	92.2u	-	-	37.64m
7	2	16M	80.2u	1.817m	-	60.16m
8	3	13M	57.6u	1.847m	1.798m	15.76m
9	2	19M	77.5u	1.590m	-	277.8m
10	1	14M	91.8u	-	-	290.0m
11	2	11M	96.6u	1.344m	-	519.6m
12	2	14M	59.9u	1.446m	-	9.298m
13	2	16M	53.1u	1.409m	-	500.0m
14	1	12M	52.6u	-	-	387.5m
15	2	11M	71.5u	1.368m	-	369.6m
16	2	19M	89.4u	1.425m	-	31.31m
17	3	14M	87.2u	1.302m	1.391m	631.3m
18	2	17M	76.5u	1.669m	-	241.0m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_11 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	7M	50.8u	1.439m	1.302m	246.9m
2	1	9M	52.2u	-	-	173.0m
3	2	5M	60.2u	1.839m	-	233.1m
4	2	14M	99.9u	1.006m	-	468.2m
5	3	8M	56.4u	1.557m	1.474m	201.2m
6	3	12M	78.8u	934.2u	1.186m	367.9m
7	2	20M	74.2u	1.599m	-	124.8m
8	2	14M	79.6u	1.065m	-	46.11m
9	1	9M	67.5u	-	-	420.1m
10	1	16M	53.3u	-	-	516.8m
11	3	17M	56.3u	1.874m	1.533m	546.4m
12	2	13M	77.0u	1.452m	-	378.1m
13	2	8M	64.7u	1.786m	-	371.3m
14	2	15M	51.6u	1.173m	-	154.1m
15	2	7M	76.0u	1.648m	-	514.9m
16	2	5M	60.3u	1.397m	-	123.5m
17	2	12M	78.4u	1.861m	-	415.1m
18	2	12M	87.2u	1.148m	-	183.3m
19	3	12M	86.1u	1.079m	1.067m	306.4m
20	3	17M	99.1u	1.432m	1.121m	557.3m

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	1	9M	86.4u	-	-	233.7m
2	2	19M	75.0u	1.756m	-	634.5m
3	2	19M	99.8u	1.329m	-	659.1m
4	2	7M	60.1u	1.897m	-	84.06m
5	3	19M	82.1u	1.552m	1.834m	434.7m
6	2	18M	81.3u	1.087m	-	221.1m
7	2	16M	74.4u	966.6u	-	304.4m
8	3	16M	57.3u	1.751m	999.7u	273.4m
9	2	11M	76.9u	1.028m	-	549.9m
10	3	12M	95.4u	1.200m	1.212m	676.1m
11	2	8M	64.0u	1.630m	-	139.4m
12	3	9M	82.4u	1.180m	1.891m	448.2m
13	1	7M	91.8u	-	-	286.7m
14	1	10M	54.6u	-	-	115.1m
15	1	11M	68.6u	-	-	175.6m
16	1	7M	59.8u	-	-	294.8m
17	1	6M	66.1u	-	-	572.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_13 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	14M	80.9u	1.097m	1.480m	445.8m
2	2	12M	79.6u	1.740m	-	369.6m
3	1	14M	66.2u	-	-	326.3m
4	2	17M	92.7u	1.761m	-	105.1m
5	3	6M	70.6u	1.250m	1.626m	492.3m
6	2	11M	95.6u	1.559m	-	111.8m
7	2	17M	67.6u	998.4u	-	696.1m
8	2	13M	84.9u	1.477m	-	575.7m
9	2	12M	51.4u	1.599m	-	384.6m
10	3	17M	88.3u	1.497m	1.397m	426.1m
11	3	8M	66.4u	1.547m	1.248m	113.1m
12	2	17M	58.4u	1.863m	-	481.9m
13	1	6M	60.2u	-	-	229.9m
14	2	10M	80.6u	1.399m	-	319.2m
15	1	18M	70.0u	-	-	568.9m
16	2	7M	61.8u	1.732m	-	692.2m
17	1	18M	89.5u	-	-	406.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_14 Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	81.8u	-	-	169.7m
2	1	16M	64.9u	-	-	239.8m
3	2	18M	88.6u	1.527m	-	115.5m
4	2	13M	97.6u	1.008m	-	65.17m
5	1	16M	62.1u	-	-	436.6m
6	2	6M	73.1u	1.476m	-	350.0m
7	2	15M	78.1u	1.263m	-	419.0m
8	2	11M	98.8u	1.528m	-	107.4m
9	2	12M	70.2u	1.768m	-	411.2m
10	1	15M	87.8u	-	-	51.37m
11	2	11M	50.4u	1.257m	-	451.3m
12	1	11M	94.3u	-	-	555.5m
13	2	6M	72.6u	1.832m	-	531.6m
14	2	8M	72.7u	1.231m	-	609.1m
15	1	16M	91.5u	-	-	454.7m
16	2	14M	61.4u	1.904m	-	605.3m
17	2	14M	53.7u	1.523m	-	58.65m
18	2	13M	73.2u	1.808m	-	395.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_15 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	19M	71.4u	1.144m	-	623.7m
2	2	13M	68.4u	1.154m	-	179.6m
3	2	16M	89.7u	1.468m	-	20.57m
4	2	12M	66.3u	1.588m	-	34.12m
5	2	16M	99.1u	1.844m	-	707.7m
6	2	18M	55.3u	1.648m	-	130.4m
7	2	16M	72.2u	1.044m	-	150.3m
8	2	19M	74.9u	1.435m	-	113.1m
9	1	18M	74.5u	-	-	141.9m
10	2	12M	92.3u	1.876m	-	210.2m
11	2	17M	98.7u	1.829m	-	269.6m
12	3	18M	55.6u	1.466m	996.4u	221.4m
13	1	12M	84.9u	-	-	96.23m
14	3	7M	93.7u	932.3u	1.769m	324.1m
15	2	8M	62.6u	1.775m	-	354.7m
16	3	19M	53.3u	1.696m	1.849m	728.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_16 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	20M	63.8u	-	-	703.9m
2	2	20M	57.6u	1.048m	-	130.5m
3	2	16M	56.4u	1.051m	-	471.2m
4	2	14M	77.4u	1.746m	-	87.64m
5	1	14M	65.1u	-	-	465.9m
6	2	11M	62.1u	1.857m	-	667.6m
7	2	6M	87.4u	1.583m	-	336.4m
8	3	16M	64.1u	1.525m	1.390m	669.7m
9	2	12M	95.6u	1.216m	-	396.1m
10	3	9M	57.6u	1.827m	1.415m	56.34m
11	3	6M	60.9u	1.029m	1.200m	182.3m
12	1	6M	50.5u	-	-	466.9m
13	2	11M	51.3u	1.731m	-	499.5m
14	3	10M	55.2u	1.577m	1.671m	29.03m
15	2	18M	90.6u	1.691m	-	558.1m
16	2	8M	55.3u	960.7u	-	448.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_17 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	5M	68.2u	1.897m	959.8u	249.0m
2	3	10M	58.7u	1.871m	1.026m	330.9m
3	2	5M	96.8u	1.376m	-	722.7m
4	2	17M	53.3u	1.549m	-	891.5m
5	2	17M	78.8u	956.2u	-	375.6m
6	3	6M	69.8u	1.492m	1.618m	139.4m
7	1	6M	69.8u	-	-	452.5m
8	2	6M	90.7u	1.801m	-	890.8m
9	3	20M	63.1u	1.489m	1.474m	510.2m
10	3	8M	80.7u	1.469m	961.3u	780.8m
11	2	19M	70.0u	1.594m	-	260.3m
12	2	7M	72.8u	952.2u	-	148.2m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_18 Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	14M	83.1u	-	-	447.5m
2	2	13M	73.5u	1.187m	-	846.2m
3	1	10M	51.3u	-	-	32.27m
4	3	13M	82.7u	1.540m	1.411m	34.06m
5	2	5M	90.5u	1.581m	-	424.5m
6	2	7M	66.6u	1.468m	-	446.1m
7	3	16M	91.2u	1.034m	1.405m	460.8m
8	1	14M	60.6u	-	-	419.4m
9	1	13M	99.0u	-	-	166.7m
10	2	12M	89.2u	1.439m	-	31.64m
11	2	9M	50.5u	1.405m	-	351.5m
12	2	10M	74.8u	1.848m	-	777.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_19 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	13M	64.1u	1.402m	-	1.030
2	2	14M	55.2u	1.656m	-	767.9m
3	1	19M	54.5u	-	-	1.061
4	1	8M	95.2u	-	-	162.4m
5	1	8M	63.8u	-	-	863.7m
6	2	10M	99.2u	1.096m	-	721.4m
7	2	5M	82.5u	1.698m	-	987.6m
8	3	19M	90.4u	1.171m	1.195m	512.4m
9	2	14M	79.6u	1.878m	-	1.114
10	2	8M	65.5u	1.288m	-	476.1m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_20 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	71.7u	1.418m	-	33.91m
2	1	10M	71.4u	-	-	411.3m
3	3	18M	87.2u	1.625m	1.041m	461.5m
4	2	15M	76.1u	1.310m	-	8.900m
5	3	17M	86.9u	1.174m	1.413m	441.6m
6	2	8M	76.9u	1.268m	-	467.3m
7	3	15M	76.8u	1.295m	1.456m	373.8m
8	1	20M	67.4u	-	-	310.1m
9	2	8M	60.0u	965.0u	-	258.5m
10	3	14M	83.5u	941.5u	985.5u	193.0m
11	3	9M	97.2u	1.632m	1.311m	473.1m
12	1	20M	88.1u	-	-	459.5m
13	3	15M	84.6u	1.554m	1.724m	597.7m
14	2	6M	50.6u	1.396m	-	532.0m
15	1	6M	52.2u	-	-	229.4m
16	1	7M	82.2u	-	-	151.2m
17	1	8M	97.3u	-	-	365.7m
18	2	14M	67.5u	1.339m	-	546.6m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_21 Number of Bursts in Trial: 16						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	18M	62.8u	1.861m	1.935m	391.3m
2	1	9M	72.9u	-	-	528.6m
3	2	19M	75.8u	1.624m	-	461.6m
4	2	8M	79.8u	993.2u	-	268.4m
5	3	14M	79.6u	976.4u	1.528m	320.0m
6	3	12M	50.1u	1.784m	1.774m	671.4m
7	1	6M	93.9u	-	-	240.2m
8	2	12M	51.4u	1.327m	-	254.7m
9	1	18M	86.0u	-	-	240.5m
10	2	19M	59.8u	1.374m	-	559.5m
11	2	9M	67.3u	1.105m	-	684.6m
12	1	10M	72.6u	-	-	306.7m
13	2	13M	84.3u	1.454m	-	596.1m
14	2	18M	96.8u	1.706m	-	691.5m
15	2	7M	58.5u	1.721m	-	401.1m
16	1	12M	67.3u	-	-	327.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_22 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	1	7M	79.0u	-	-	7.278m
2	2	7M	87.0u	1.808m	-	237.6m
3	2	8M	60.8u	1.340m	-	303.2m
4	2	11M	85.2u	1.214m	-	93.90m
5	3	8M	84.4u	1.316m	1.038m	71.20m
6	1	6M	95.7u	-	-	168.3m
7	2	12M	81.8u	1.253m	-	355.2m
8	2	6M	55.8u	959.2u	-	216.5m
9	2	19M	59.8u	1.561m	-	334.5m
10	2	10M	73.7u	1.826m	-	206.7m
11	1	14M	66.6u	-	-	465.9m
12	1	7M	75.5u	-	-	85.92m
13	3	6M	51.1u	1.584m	1.537m	161.7m
14	2	11M	85.3u	1.625m	-	490.0m
15	1	9M	81.8u	-	-	572.8m
16	2	9M	94.0u	1.761m	-	77.26m
17	1	13M	84.5u	-	-	456.0m
18	1	8M	51.3u	-	-	339.8m
19	2	11M	98.4u	1.488m	-	245.7m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_23 Number of Bursts in Trial: 13						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	2	18M	80.6u	1.086m	-	454.9m
2	3	16M	54.9u	1.195m	1.783m	635.8m
3	2	10M	70.4u	1.176m	-	670.2m
4	2	12M	58.2u	1.243m	-	731.1m
5	3	10M	93.3u	1.589m	956.7u	896.3m
6	3	8M	82.6u	1.082m	1.080m	310.2m
7	2	16M	83.3u	1.349m	-	442.9m
8	1	17M	50.3u	-	-	687.6m
9	1	17M	69.5u	-	-	197.5m
10	2	16M	92.1u	1.372m	-	506.7m
11	1	9M	99.8u	-	-	339.9m
12	1	8M	93.4u	-	-	44.18m
13	1	20M	72.1u	-	-	916.4m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_24 Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	7M	88.7u	1.146m	968.3u	239.1m
2	3	19M	97.8u	975.2u	1.633m	514.8m
3	2	9M	90.8u	1.698m	-	304.4m
4	2	7M	57.8u	1.090m	-	603.6m
5	1	9M	68.7u	-	-	547.2m
6	3	14M	62.1u	1.004m	1.241m	16.39m
7	3	17M	99.3u	1.896m	1.606m	111.4m
8	2	15M	69.4u	991.6u	-	188.8m
9	3	11M	74.0u	1.034m	1.370m	263.1m
10	1	9M	60.6u	-	-	283.4m
11	1	16M	99.3u	-	-	459.0m
12	2	14M	99.2u	1.618m	-	393.4m
13	2	17M	96.0u	1.763m	-	429.8m
14	2	12M	99.7u	1.724m	-	31.79m
15	2	15M	56.2u	1.177m	-	377.5m
16	1	17M	65.1u	-	-	350.3m
17	2	11M	91.1u	956.9u	-	359.1m
18	1	16M	65.3u	-	-	368.0m
19	3	12M	68.2u	1.530m	1.478m	520.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_25 Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	19M	71.9u	1.645m	1.190m	1.270
2	2	10M	88.4u	1.603m	-	654.7m
3	2	8M	69.3u	1.819m	-	73.20m
4	1	8M	74.9u	-	-	355.4m
5	3	19M	58.0u	1.658m	1.506m	64.28m
6	3	8M	86.7u	1.167m	968.3u	227.6m
7	2	9M	72.2u	1.701m	-	5.701m
8	2	11M	99.7u	1.772m	-	23.54m
9	2	13M	50.5u	1.533m	-	843.8m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_26 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	11M	74.9u	1.183m	1.727m	33.14m
2	3	17M	87.1u	1.390m	1.318m	302.4m
3	2	11M	88.3u	1.672m	-	319.1m
4	2	17M	52.3u	1.132m	-	22.69m
5	2	19M	67.9u	1.868m	-	411.3m
6	1	17M	76.1u	-	-	420.0m
7	2	20M	81.2u	1.456m	-	107.9m
8	2	16M	91.4u	1.653m	-	2.402m
9	1	14M	84.1u	-	-	355.0m
10	1	10M	52.6u	-	-	192.1m
11	2	13M	98.3u	1.273m	-	319.5m
12	1	5M	70.0u	-	-	181.1m
13	3	8M	88.3u	1.625m	1.356m	561.6m
14	2	18M	74.2u	1.645m	-	610.7m
15	2	10M	67.0u	1.433m	-	560.3m
16	1	7M	62.1u	-	-	341.1m
17	1	18M	65.9u	-	-	122.3m
18	3	9M	79.8u	1.104m	1.425m	561.0m
19	2	6M	93.7u	1.500m	-	210.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_27 Number of Bursts in Trial: 14						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	8M	60.6u	1.196m	1.409m	664.7m
2	3	14M	57.2u	1.847m	1.081m	701.0m
3	3	13M	65.2u	1.872m	1.248m	257.4m
4	1	11M	67.7u	-	-	186.3m
5	2	8M	66.4u	993.6u	-	138.7m
6	1	15M	54.1u	-	-	69.38m
7	2	17M	54.1u	1.106m	-	505.6m
8	2	9M	61.3u	1.806m	-	213.7m
9	1	19M	53.5u	-	-	250.6m
10	3	12M	64.0u	1.088m	1.002m	631.9m
11	1	8M	61.0u	-	-	702.5m
12	1	12M	57.2u	-	-	469.7m
13	2	17M	93.7u	982.3u	-	583.0m
14	2	8M	72.7u	1.214m	-	797.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_28 Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (Hz)	Pulse Width (s)	Pulse 1 to 2 Spacing (s)	Pulse 2 to 3 Spacing (s)	Start Location (s)
1	3	6M	55.1u	1.314m	1.802m	176.9m
2	2	9M	88.7u	1.763m	-	287.9m
3	3	17M	84.5u	1.705m	1.779m	452.7m
4	2	12M	89.8u	1.355m	-	962.1m
5	2	19M	70.8u	1.648m	-	184.1m
6	2	14M	53.1u	1.140m	-	977.7m
7	3	13M	56.8u	1.890m	1.932m	355.5m
8	1	16M	55.6u	-	-	522.9m
9	1	14M	86.2u	-	-	696.4m
10	2	11M	86.9u	1.259m	-	822.7m
11	2	13M	88.1u	1.209m	-	273.3m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_29 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	19M	58.0u	1.160m	1.819m	708.1m
2	3	15M	60.9u	1.591m	1.697m	295.9m
3	2	9M	80.1u	1.265m	-	398.2m
4	2	8M	86.6u	986.4u	-	541.1m
5	1	18M	50.1u	-	-	864.3m
6	2	7M	85.4u	1.421m	-	860.3m
7	2	16M	64.5u	1.518m	-	901.8m
8	1	15M	80.1u	-	-	98.16m
9	3	17M	51.5u	1.721m	1.207m	361.6m
10	1	14M	81.3u	-	-	671.9m
11	2	17M	59.7u	1.610m	-	670.4m
12	3	17M	86.9u	1.082m	1.119m	21.06m
13	1	9M	96.5u	-	-	776.9m

Long Pulse Radar Test Signal Test Signal Name: LP_Signal_30 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	71.8u	1.510m	-	691.0m
2	3	10M	88.5u	1.074m	1.772m	219.8m
3	1	19M	56.6u	-	-	172.9m
4	3	8M	77.1u	1.878m	1.532m	489.2m
5	1	14M	77.0u	-	-	204.0m
6	3	19M	59.2u	1.139m	1.142m	302.3m
7	2	9M	71.7u	1.655m	-	350.5m
8	2	13M	89.4u	1.365m	-	871.8m
9	2	14M	72.9u	962.1u	-	182.6m
10	2	13M	98.4u	1.148m	-	56.63m
11	2	10M	97.9u	1.116m	-	794.8m
12	3	13M	80.6u	1.018m	1.028m	150.7m
13	1	10M	56.0u	-	-	161.5m

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.375G	2	5.350G	3	5.537G	4	5.429G
5	5.588G	6	5.630G	7	5.709G	8	5.607G
9	5.615G	10	5.386G	11	5.395G	12	5.531G
13	5.597G	14	5.300G	15	5.475G	16	5.721G
17	5.297G	18	5.412G	19	5.560G	20	5.674G
21	5.434G	22	5.611G	23	5.397G	24	5.487G
25	5.440G	26	5.645G	27	5.405G	28	5.643G
29	5.540G	30	5.401G	31	5.418G	32	5.298G
33	5.345G	34	5.290G	35	5.632G	36	5.456G
37	5.301G	38	5.578G	39	5.341G	40	5.714G
41	5.668G	42	5.305G	43	5.717G	44	5.317G
45	5.378G	46	5.640G	47	5.332G	48	5.711G
49	5.439G	50	5.454G	51	5.690G	52	5.653G
53	5.564G	54	5.295G	55	5.415G	56	5.263G
57	5.329G	58	5.552G	59	5.589G	60	5.428G
61	5.417G	62	5.385G	63	5.634G	64	5.536G
65	5.593G	66	5.330G	67	5.606G	68	5.265G
69	5.281G	70	5.406G	71	5.636G	72	5.320G
73	5.601G	74	5.525G	75	5.485G	76	5.496G
77	5.369G	78	5.678G	79	5.574G	80	5.699G
81	5.514G	82	5.720G	83	5.679G	84	5.359G
85	5.381G	86	5.374G	87	5.539G	88	5.670G
89	5.464G	90	5.530G	91	5.259G	92	5.448G
93	5.432G	94	5.404G	95	5.571G	96	5.551G
97	5.622G	98	5.503G	99	5.580G	100	5.623G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.630G	2	5.480G	3	5.376G	4	5.537G
5	5.611G	6	5.438G	7	5.449G	8	5.263G
9	5.690G	10	5.684G	11	5.601G	12	5.312G
13	5.274G	14	5.664G	15	5.447G	16	5.674G
17	5.325G	18	5.400G	19	5.373G	20	5.661G
21	5.337G	22	5.555G	23	5.680G	24	5.709G
25	5.552G	26	5.368G	27	5.416G	28	5.252G
29	5.260G	30	5.606G	31	5.652G	32	5.596G
33	5.353G	34	5.633G	35	5.534G	36	5.613G
37	5.250G	38	5.719G	39	5.418G	40	5.565G
41	5.290G	42	5.722G	43	5.397G	44	5.432G
45	5.648G	46	5.258G	47	5.518G	48	5.314G
49	5.583G	50	5.627G	51	5.264G	52	5.504G
53	5.472G	54	5.446G	55	5.427G	56	5.403G
57	5.251G	58	5.677G	59	5.628G	60	5.315G
61	5.433G	62	5.338G	63	5.582G	64	5.687G
65	5.542G	66	5.654G	67	5.488G	68	5.618G
69	5.358G	70	5.639G	71	5.703G	72	5.387G
73	5.367G	74	5.371G	75	5.476G	76	5.459G
77	5.461G	78	5.333G	79	5.693G	80	5.378G
81	5.349G	82	5.465G	83	5.370G	84	5.331G
85	5.700G	86	5.291G	87	5.522G	88	5.528G
89	5.638G	90	5.313G	91	5.321G	92	5.607G
93	5.514G	94	5.484G	95	5.698G	96	5.669G
97	5.663G	98	5.468G	99	5.643G	100	5.612G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.272G	2	5.345G	3	5.318G	4	5.378G
5	5.305G	6	5.697G	7	5.620G	8	5.497G
9	5.576G	10	5.368G	11	5.398G	12	5.533G
13	5.334G	14	5.443G	15	5.506G	16	5.266G
17	5.625G	18	5.439G	19	5.303G	20	5.480G
21	5.714G	22	5.257G	23	5.644G	24	5.304G
25	5.539G	26	5.603G	27	5.421G	28	5.415G
29	5.298G	30	5.267G	31	5.705G	32	5.618G
33	5.569G	34	5.490G	35	5.624G	36	5.558G
37	5.709G	38	5.460G	39	5.648G	40	5.335G
41	5.374G	42	5.608G	43	5.587G	44	5.464G
45	5.566G	46	5.363G	47	5.250G	48	5.552G
49	5.476G	50	5.717G	51	5.532G	52	5.296G
53	5.468G	54	5.376G	55	5.409G	56	5.301G
57	5.589G	58	5.313G	59	5.687G	60	5.530G
61	5.628G	62	5.690G	63	5.708G	64	5.654G
65	5.332G	66	5.400G	67	5.432G	68	5.402G
69	5.356G	70	5.279G	71	5.656G	72	5.340G
73	5.386G	74	5.396G	75	5.445G	76	5.694G
77	5.650G	78	5.704G	79	5.372G	80	5.347G
81	5.684G	82	5.351G	83	5.336G	84	5.660G
85	5.696G	86	5.456G	87	5.489G	88	5.259G
89	5.412G	90	5.677G	91	5.482G	92	5.607G
93	5.399G	94	5.546G	95	5.453G	96	5.722G
97	5.316G	98	5.444G	99	5.308G	100	5.275G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.556G	2	5.483G	3	5.630G	4	5.436G
5	5.344G	6	5.451G	7	5.424G	8	5.682G
9	5.408G	10	5.411G	11	5.494G	12	5.371G
13	5.618G	14	5.378G	15	5.510G	16	5.364G
17	5.629G	18	5.643G	19	5.256G	20	5.310G
21	5.482G	22	5.374G	23	5.493G	24	5.513G
25	5.692G	26	5.645G	27	5.360G	28	5.676G
29	5.606G	30	5.580G	31	5.655G	32	5.627G
33	5.487G	34	5.348G	35	5.331G	36	5.498G
37	5.382G	38	5.398G	39	5.715G	40	5.701G
41	5.253G	42	5.386G	43	5.700G	44	5.623G
45	5.722G	46	5.551G	47	5.600G	48	5.554G
49	5.354G	50	5.634G	51	5.468G	52	5.691G
53	5.447G	54	5.265G	55	5.590G	56	5.559G
57	5.649G	58	5.533G	59	5.470G	60	5.582G
61	5.537G	62	5.567G	63	5.678G	64	5.573G
65	5.519G	66	5.666G	67	5.391G	68	5.522G
69	5.544G	70	5.284G	71	5.703G	72	5.466G
73	5.319G	74	5.417G	75	5.612G	76	5.696G
77	5.592G	78	5.349G	79	5.330G	80	5.292G
81	5.651G	82	5.329G	83	5.324G	84	5.648G
85	5.255G	86	5.478G	87	5.402G	88	5.293G
89	5.446G	90	5.327G	91	5.295G	92	5.338G
93	5.596G	94	5.622G	95	5.668G	96	5.492G
97	5.641G	98	5.611G	99	5.280G	100	5.303G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.481G	2	5.477G	3	5.697G	4	5.351G
5	5.305G	6	5.458G	7	5.645G	8	5.712G
9	5.346G	10	5.690G	11	5.297G	12	5.438G
13	5.648G	14	5.331G	15	5.421G	16	5.383G
17	5.388G	18	5.293G	19	5.541G	20	5.471G
21	5.394G	22	5.337G	23	5.275G	24	5.671G
25	5.534G	26	5.592G	27	5.663G	28	5.344G
29	5.405G	30	5.466G	31	5.487G	32	5.357G
33	5.404G	34	5.365G	35	5.446G	36	5.287G
37	5.267G	38	5.430G	39	5.256G	40	5.529G
41	5.547G	42	5.623G	43	5.622G	44	5.328G
45	5.646G	46	5.542G	47	5.625G	48	5.668G
49	5.396G	50	5.288G	51	5.439G	52	5.370G
53	5.657G	54	5.599G	55	5.516G	56	5.348G
57	5.407G	58	5.392G	59	5.567G	60	5.315G
61	5.555G	62	5.543G	63	5.710G	64	5.379G
65	5.473G	66	5.414G	67	5.286G	68	5.338G
69	5.462G	70	5.660G	71	5.461G	72	5.314G
73	5.569G	74	5.558G	75	5.403G	76	5.533G
77	5.590G	78	5.460G	79	5.384G	80	5.501G
81	5.300G	82	5.702G	83	5.377G	84	5.552G
85	5.456G	86	5.576G	87	5.480G	88	5.696G
89	5.719G	90	5.417G	91	5.551G	92	5.363G
93	5.494G	94	5.349G	95	5.643G	96	5.524G
97	5.391G	98	5.416G	99	5.526G	100	5.580G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.263G	2	5.590G	3	5.637G	4	5.550G
5	5.679G	6	5.622G	7	5.300G	8	5.593G
9	5.586G	10	5.584G	11	5.713G	12	5.484G
13	5.610G	14	5.356G	15	5.371G	16	5.602G
17	5.684G	18	5.294G	19	5.365G	20	5.358G
21	5.384G	22	5.483G	23	5.557G	24	5.495G
25	5.644G	26	5.613G	27	5.391G	28	5.311G
29	5.715G	30	5.597G	31	5.359G	32	5.705G
33	5.503G	34	5.554G	35	5.525G	36	5.580G
37	5.604G	38	5.299G	39	5.683G	40	5.284G
41	5.638G	42	5.400G	43	5.282G	44	5.456G
45	5.669G	46	5.581G	47	5.435G	48	5.505G
49	5.462G	50	5.313G	51	5.601G	52	5.459G
53	5.714G	54	5.362G	55	5.671G	56	5.433G
57	5.264G	58	5.398G	59	5.573G	60	5.497G
61	5.632G	62	5.512G	63	5.576G	64	5.514G
65	5.409G	66	5.548G	67	5.259G	68	5.583G
69	5.570G	70	5.361G	71	5.549G	72	5.393G
73	5.650G	74	5.535G	75	5.567G	76	5.463G
77	5.321G	78	5.340G	79	5.404G	80	5.292G
81	5.541G	82	5.352G	83	5.539G	84	5.466G
85	5.642G	86	5.413G	87	5.625G	88	5.534G
89	5.504G	90	5.494G	91	5.257G	92	5.416G
93	5.626G	94	5.332G	95	5.528G	96	5.357G
97	5.376G	98	5.588G	99	5.507G	100	5.480G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.427G	3	5.498G	4	5.394G
5	5.630G	6	5.356G	7	5.504G	8	5.616G
9	5.568G	10	5.509G	11	5.699G	12	5.282G
13	5.571G	14	5.565G	15	5.279G	16	5.414G
17	5.702G	18	5.307G	19	5.642G	20	5.321G
21	5.475G	22	5.634G	23	5.448G	24	5.306G
25	5.541G	26	5.465G	27	5.540G	28	5.291G
29	5.489G	30	5.447G	31	5.662G	32	5.546G
33	5.277G	34	5.438G	35	5.395G	36	5.398G
37	5.289G	38	5.341G	39	5.379G	40	5.545G
41	5.329G	42	5.622G	43	5.483G	44	5.364G
45	5.641G	46	5.274G	47	5.375G	48	5.539G
49	5.358G	50	5.580G	51	5.353G	52	5.627G
53	5.315G	54	5.645G	55	5.488G	56	5.706G
57	5.531G	58	5.408G	59	5.367G	60	5.670G
61	5.342G	62	5.288G	63	5.265G	64	5.256G
65	5.328G	66	5.581G	67	5.718G	68	5.326G
69	5.374G	70	5.464G	71	5.435G	72	5.711G
73	5.275G	74	5.372G	75	5.672G	76	5.680G
77	5.618G	78	5.528G	79	5.536G	80	5.425G
81	5.599G	82	5.720G	83	5.436G	84	5.310G
85	5.647G	86	5.690G	87	5.410G	88	5.476G
89	5.522G	90	5.278G	91	5.481G	92	5.421G
93	5.719G	94	5.598G	95	5.664G	96	5.455G
97	5.626G	98	5.271G	99	5.261G	100	5.454G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.502G	2	5.421G	3	5.600G	4	5.369G
5	5.538G	6	5.668G	7	5.577G	8	5.393G
9	5.293G	10	5.440G	11	5.443G	12	5.428G
13	5.457G	14	5.501G	15	5.314G	16	5.663G
17	5.441G	18	5.622G	19	5.713G	20	5.377G
21	5.556G	22	5.451G	23	5.642G	24	5.483G
25	5.366G	26	5.515G	27	5.519G	28	5.354G
29	5.350G	30	5.541G	31	5.497G	32	5.266G
33	5.704G	34	5.631G	35	5.480G	36	5.425G
37	5.473G	38	5.372G	39	5.494G	40	5.290G
41	5.312G	42	5.635G	43	5.503G	44	5.558G
45	5.721G	46	5.522G	47	5.666G	48	5.564G
49	5.662G	50	5.528G	51	5.416G	52	5.614G
53	5.310G	54	5.422G	55	5.611G	56	5.482G
57	5.563G	58	5.339G	59	5.520G	60	5.346G
61	5.255G	62	5.653G	63	5.696G	64	5.648G
65	5.588G	66	5.460G	67	5.610G	68	5.537G
69	5.513G	70	5.529G	71	5.263G	72	5.636G
73	5.395G	74	5.338G	75	5.414G	76	5.326G
77	5.698G	78	5.613G	79	5.381G	80	5.295G
81	5.403G	82	5.415G	83	5.365G	84	5.722G
85	5.303G	86	5.568G	87	5.356G	88	5.569G
89	5.449G	90	5.536G	91	5.619G	92	5.435G
93	5.399G	94	5.378G	95	5.603G	96	5.554G
97	5.412G	98	5.257G	99	5.643G	100	5.300G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.604G	2	5.573G	3	5.390G	4	5.391G
5	5.654G	6	5.621G	7	5.523G	8	5.655G
9	5.675G	10	5.623G	11	5.564G	12	5.562G
13	5.605G	14	5.503G	15	5.535G	16	5.278G
17	5.607G	18	5.306G	19	5.307G	20	5.325G
21	5.633G	22	5.705G	23	5.570G	24	5.505G
25	5.648G	26	5.624G	27	5.323G	28	5.377G
29	5.431G	30	5.342G	31	5.664G	32	5.366G
33	5.606G	34	5.355G	35	5.474G	36	5.549G
37	5.646G	38	5.413G	39	5.311G	40	5.346G
41	5.387G	42	5.254G	43	5.271G	44	5.721G
45	5.662G	46	5.445G	47	5.494G	48	5.260G
49	5.448G	50	5.602G	51	5.489G	52	5.290G
53	5.344G	54	5.680G	55	5.250G	56	5.451G
57	5.716G	58	5.644G	59	5.555G	60	5.272G
61	5.398G	62	5.567G	63	5.481G	64	5.350G
65	5.530G	66	5.468G	67	5.361G	68	5.584G
69	5.629G	70	5.521G	71	5.598G	72	5.682G
73	5.324G	74	5.501G	75	5.587G	76	5.383G
77	5.421G	78	5.430G	79	5.717G	80	5.710G
81	5.517G	82	5.394G	83	5.656G	84	5.425G
85	5.360G	86	5.678G	87	5.666G	88	5.410G
89	5.658G	90	5.332G	91	5.408G	92	5.343G
93	5.502G	94	5.327G	95	5.495G	96	5.616G
97	5.469G	98	5.456G	99	5.685G	100	5.490G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.638G	2	5.659G	3	5.586G	4	5.268G
5	5.281G	6	5.322G	7	5.703G	8	5.275G
9	5.599G	10	5.400G	11	5.633G	12	5.373G
13	5.366G	14	5.613G	15	5.323G	16	5.395G
17	5.644G	18	5.628G	19	5.670G	20	5.505G
21	5.699G	22	5.270G	23	5.328G	24	5.585G
25	5.276G	26	5.523G	27	5.301G	28	5.407G
29	5.583G	30	5.342G	31	5.367G	32	5.619G
33	5.312G	34	5.677G	35	5.606G	36	5.307G
37	5.387G	38	5.556G	39	5.724G	40	5.511G
41	5.450G	42	5.664G	43	5.563G	44	5.471G
45	5.648G	46	5.577G	47	5.410G	48	5.712G
49	5.464G	50	5.460G	51	5.269G	52	5.310G
53	5.432G	54	5.384G	55	5.430G	56	5.601G
57	5.711G	58	5.568G	59	5.422G	60	5.414G
61	5.669G	62	5.681G	63	5.447G	64	5.542G
65	5.392G	66	5.689G	67	5.427G	68	5.558G
69	5.498G	70	5.337G	71	5.289G	72	5.452G
73	5.661G	74	5.679G	75	5.396G	76	5.512G
77	5.710G	78	5.313G	79	5.546G	80	5.306G
81	5.305G	82	5.451G	83	5.463G	84	5.416G
85	5.532G	86	5.324G	87	5.465G	88	5.401G
89	5.376G	90	5.442G	91	5.647G	92	5.543G
93	5.308G	94	5.424G	95	5.436G	96	5.445G
97	5.482G	98	5.615G	99	5.524G	100	5.356G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.574G	2	5.377G	3	5.482G	4	5.491G
5	5.581G	6	5.538G	7	5.518G	8	5.433G
9	5.671G	10	5.286G	11	5.714G	12	5.305G
13	5.709G	14	5.395G	15	5.430G	16	5.625G
17	5.363G	18	5.559G	19	5.406G	20	5.261G
21	5.616G	22	5.484G	23	5.718G	24	5.365G
25	5.549G	26	5.686G	27	5.539G	28	5.297G
29	5.503G	30	5.600G	31	5.417G	32	5.571G
33	5.510G	34	5.589G	35	5.552G	36	5.564G
37	5.656G	38	5.293G	39	5.403G	40	5.448G
41	5.278G	42	5.321G	43	5.350G	44	5.533G
45	5.525G	46	5.655G	47	5.679G	48	5.265G
49	5.516G	50	5.580G	51	5.511G	52	5.328G
53	5.347G	54	5.585G	55	5.694G	56	5.250G
57	5.255G	58	5.724G	59	5.474G	60	5.690G
61	5.478G	62	5.364G	63	5.256G	64	5.495G
65	5.594G	66	5.520G	67	5.573G	68	5.425G
69	5.543G	70	5.304G	71	5.575G	72	5.517G
73	5.338G	74	5.441G	75	5.631G	76	5.614G
77	5.514G	78	5.462G	79	5.419G	80	5.624G
81	5.665G	82	5.653G	83	5.413G	84	5.371G
85	5.515G	86	5.309G	87	5.567G	88	5.355G
89	5.530G	90	5.568G	91	5.407G	92	5.659G
93	5.432G	94	5.608G	95	5.572G	96	5.513G
97	5.537G	98	5.481G	99	5.290G	100	5.457G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.251G	2	5.361G	3	5.591G	4	5.423G
5	5.661G	6	5.587G	7	5.284G	8	5.326G
9	5.553G	10	5.473G	11	5.405G	12	5.307G
13	5.406G	14	5.679G	15	5.286G	16	5.386G
17	5.350G	18	5.722G	19	5.463G	20	5.717G
21	5.529G	22	5.552G	23	5.366G	24	5.604G
25	5.631G	26	5.283G	27	5.440G	28	5.673G
29	5.567G	30	5.373G	31	5.346G	32	5.514G
33	5.460G	34	5.483G	35	5.663G	36	5.376G
37	5.502G	38	5.676G	39	5.277G	40	5.582G
41	5.409G	42	5.407G	43	5.471G	44	5.319G
45	5.698G	46	5.709G	47	5.517G	48	5.312G
49	5.287G	50	5.316G	51	5.606G	52	5.691G
53	5.453G	54	5.571G	55	5.475G	56	5.608G
57	5.296G	58	5.370G	59	5.621G	60	5.416G
61	5.276G	62	5.524G	63	5.690G	64	5.624G
65	5.625G	66	5.262G	67	5.597G	68	5.570G
69	5.311G	70	5.428G	71	5.363G	72	5.340G
73	5.706G	74	5.546G	75	5.369G	76	5.258G
77	5.292G	78	5.466G	79	5.650G	80	5.305G
81	5.680G	82	5.254G	83	5.693G	84	5.531G
85	5.687G	86	5.308G	87	5.609G	88	5.404G
89	5.674G	90	5.374G	91	5.325G	92	5.352G
93	5.493G	94	5.572G	95	5.310G	96	5.309G
97	5.596G	98	5.575G	99	5.348G	100	5.593G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.597G	2	5.450G	3	5.357G	4	5.258G
5	5.633G	6	5.593G	7	5.270G	8	5.411G
9	5.428G	10	5.278G	11	5.328G	12	5.292G
13	5.408G	14	5.531G	15	5.261G	16	5.255G
17	5.715G	18	5.652G	19	5.629G	20	5.506G
21	5.552G	22	5.452G	23	5.382G	24	5.489G
25	5.441G	26	5.413G	27	5.601G	28	5.435G
29	5.708G	30	5.704G	31	5.569G	32	5.592G
33	5.298G	34	5.492G	35	5.681G	36	5.448G
37	5.464G	38	5.567G	39	5.551G	40	5.396G
41	5.596G	42	5.370G	43	5.321G	44	5.371G
45	5.463G	46	5.326G	47	5.451G	48	5.576G
49	5.524G	50	5.564G	51	5.680G	52	5.490G
53	5.513G	54	5.570G	55	5.306G	56	5.426G
57	5.643G	58	5.533G	59	5.478G	60	5.547G
61	5.716G	62	5.360G	63	5.623G	64	5.645G
65	5.277G	66	5.458G	67	5.491G	68	5.554G
69	5.259G	70	5.553G	71	5.445G	72	5.556G
73	5.703G	74	5.707G	75	5.467G	76	5.483G
77	5.347G	78	5.444G	79	5.594G	80	5.709G
81	5.339G	82	5.460G	83	5.406G	84	5.335G
85	5.293G	86	5.637G	87	5.301G	88	5.476G
89	5.568G	90	5.515G	91	5.700G	92	5.625G
93	5.575G	94	5.617G	95	5.361G	96	5.583G
97	5.522G	98	5.260G	99	5.485G	100	5.621G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.319G	2	5.724G	3	5.270G	4	5.309G
5	5.334G	6	5.451G	7	5.721G	8	5.483G
9	5.541G	10	5.361G	11	5.257G	12	5.501G
13	5.312G	14	5.343G	15	5.311G	16	5.405G
17	5.627G	18	5.388G	19	5.551G	20	5.513G
21	5.283G	22	5.477G	23	5.363G	24	5.559G
25	5.252G	26	5.717G	27	5.389G	28	5.317G
29	5.366G	30	5.653G	31	5.678G	32	5.410G
33	5.526G	34	5.700G	35	5.330G	36	5.255G
37	5.425G	38	5.497G	39	5.315G	40	5.652G
41	5.438G	42	5.594G	43	5.435G	44	5.375G
45	5.603G	46	5.693G	47	5.669G	48	5.267G
49	5.648G	50	5.352G	51	5.514G	52	5.619G
53	5.365G	54	5.543G	55	5.491G	56	5.299G
57	5.282G	58	5.519G	59	5.294G	60	5.547G
61	5.719G	62	5.478G	63	5.580G	64	5.609G
65	5.614G	66	5.601G	67	5.395G	68	5.530G
69	5.502G	70	5.291G	71	5.371G	72	5.401G
73	5.488G	74	5.412G	75	5.355G	76	5.453G
77	5.532G	78	5.384G	79	5.485G	80	5.656G
81	5.705G	82	5.344G	83	5.369G	84	5.347G
85	5.694G	86	5.335G	87	5.504G	88	5.489G
89	5.558G	90	5.539G	91	5.677G	92	5.307G
93	5.510G	94	5.617G	95	5.373G	96	5.676G
97	5.615G	98	5.578G	99	5.290G	100	5.690G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.482G	2	5.496G	3	5.370G	4	5.590G
5	5.410G	6	5.380G	7	5.520G	8	5.712G
9	5.464G	10	5.511G	11	5.361G	12	5.423G
13	5.301G	14	5.603G	15	5.478G	16	5.281G
17	5.715G	18	5.397G	19	5.541G	20	5.385G
21	5.353G	22	5.394G	23	5.384G	24	5.266G
25	5.518G	26	5.442G	27	5.653G	28	5.319G
29	5.539G	30	5.633G	31	5.601G	32	5.484G
33	5.521G	34	5.591G	35	5.491G	36	5.291G
37	5.631G	38	5.288G	39	5.497G	40	5.568G
41	5.400G	42	5.663G	43	5.571G	44	5.260G
45	5.253G	46	5.392G	47	5.669G	48	5.650G
49	5.717G	50	5.426G	51	5.585G	52	5.673G
53	5.476G	54	5.547G	55	5.276G	56	5.337G
57	5.604G	58	5.254G	59	5.272G	60	5.393G
61	5.687G	62	5.311G	63	5.383G	64	5.322G
65	5.317G	66	5.572G	67	5.593G	68	5.714G
69	5.583G	70	5.579G	71	5.444G	72	5.602G
73	5.293G	74	5.531G	75	5.408G	76	5.492G
77	5.666G	78	5.449G	79	5.536G	80	5.316G
81	5.695G	82	5.307G	83	5.675G	84	5.287G
85	5.588G	86	5.339G	87	5.264G	88	5.556G
89	5.369G	90	5.290G	91	5.289G	92	5.513G
93	5.460G	94	5.469G	95	5.679G	96	5.275G
97	5.507G	98	5.550G	99	5.551G	100	5.280G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.528G	2	5.421G	3	5.348G	4	5.552G
5	5.530G	6	5.538G	7	5.439G	8	5.417G
9	5.479G	10	5.660G	11	5.672G	12	5.706G
13	5.609G	14	5.462G	15	5.344G	16	5.265G
17	5.308G	18	5.683G	19	5.610G	20	5.687G
21	5.320G	22	5.535G	23	5.704G	24	5.526G
25	5.503G	26	5.427G	27	5.661G	28	5.603G
29	5.283G	30	5.563G	31	5.472G	32	5.547G
33	5.432G	34	5.635G	35	5.666G	36	5.276G
37	5.685G	38	5.302G	39	5.322G	40	5.670G
41	5.714G	42	5.422G	43	5.262G	44	5.446G
45	5.471G	46	5.470G	47	5.591G	48	5.255G
49	5.721G	50	5.688G	51	5.600G	52	5.536G
53	5.533G	54	5.273G	55	5.447G	56	5.679G
57	5.399G	58	5.357G	59	5.653G	60	5.643G
61	5.509G	62	5.463G	63	5.402G	64	5.299G
65	5.293G	66	5.680G	67	5.379G	68	5.566G
69	5.676G	70	5.347G	71	5.628G	72	5.712G
73	5.572G	74	5.708G	75	5.454G	76	5.638G
77	5.365G	78	5.381G	79	5.577G	80	5.703G
81	5.658G	82	5.678G	83	5.491G	84	5.345G
85	5.544G	86	5.263G	87	5.559G	88	5.406G
89	5.604G	90	5.298G	91	5.364G	92	5.481G
93	5.396G	94	5.490G	95	5.701G	96	5.512G
97	5.296G	98	5.327G	99	5.385G	100	5.458G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.625G	2	5.721G	3	5.313G	4	5.631G
5	5.685G	6	5.707G	7	5.509G	8	5.599G
9	5.367G	10	5.331G	11	5.601G	12	5.659G
13	5.493G	14	5.417G	15	5.264G	16	5.496G
17	5.664G	18	5.542G	19	5.401G	20	5.484G
21	5.698G	22	5.266G	23	5.467G	24	5.545G
25	5.645G	26	5.452G	27	5.723G	28	5.526G
29	5.392G	30	5.398G	31	5.259G	32	5.433G
33	5.656G	34	5.271G	35	5.472G	36	5.680G
37	5.559G	38	5.495G	39	5.250G	40	5.252G
41	5.407G	42	5.488G	43	5.717G	44	5.654G
45	5.290G	46	5.320G	47	5.514G	48	5.510G
49	5.386G	50	5.391G	51	5.485G	52	5.643G
53	5.265G	54	5.699G	55	5.347G	56	5.490G
57	5.605G	58	5.610G	59	5.598G	60	5.684G
61	5.466G	62	5.342G	63	5.486G	64	5.482G
65	5.444G	66	5.256G	67	5.658G	68	5.674G
69	5.289G	70	5.328G	71	5.616G	72	5.335G
73	5.661G	74	5.273G	75	5.704G	76	5.318G
77	5.520G	78	5.594G	79	5.695G	80	5.396G
81	5.298G	82	5.343G	83	5.562G	84	5.641G
85	5.263G	86	5.326G	87	5.635G	88	5.640G
89	5.299G	90	5.688G	91	5.352G	92	5.434G
93	5.618G	94	5.517G	95	5.501G	96	5.590G
97	5.295G	98	5.504G	99	5.515G	100	5.722G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.321G	2	5.627G	3	5.361G	4	5.630G
5	5.385G	6	5.400G	7	5.476G	8	5.571G
9	5.663G	10	5.543G	11	5.357G	12	5.337G
13	5.594G	14	5.601G	15	5.628G	16	5.715G
17	5.670G	18	5.269G	19	5.431G	20	5.490G
21	5.330G	22	5.328G	23	5.713G	24	5.324G
25	5.645G	26	5.464G	27	5.721G	28	5.293G
29	5.530G	30	5.345G	31	5.409G	32	5.568G
33	5.461G	34	5.302G	35	5.528G	36	5.277G
37	5.453G	38	5.283G	39	5.587G	40	5.335G
41	5.479G	42	5.333G	43	5.359G	44	5.651G
45	5.392G	46	5.550G	47	5.512G	48	5.552G
49	5.659G	50	5.681G	51	5.253G	52	5.653G
53	5.540G	54	5.373G	55	5.384G	56	5.421G
57	5.380G	58	5.612G	59	5.410G	60	5.557G
61	5.710G	62	5.718G	63	5.553G	64	5.494G
65	5.426G	66	5.712G	67	5.292G	68	5.507G
69	5.259G	70	5.297G	71	5.655G	72	5.573G
73	5.564G	74	5.396G	75	5.436G	76	5.474G
77	5.350G	78	5.580G	79	5.377G	80	5.270G
81	5.250G	82	5.658G	83	5.691G	84	5.675G
85	5.272G	86	5.332G	87	5.585G	88	5.478G
89	5.638G	90	5.646G	91	5.295G	92	5.418G
93	5.412G	94	5.656G	95	5.606G	96	5.579G
97	5.724G	98	5.446G	99	5.716G	100	5.556G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.251G	2	5.385G	3	5.719G	4	5.366G
5	5.342G	6	5.697G	7	5.480G	8	5.400G
9	5.276G	10	5.389G	11	5.514G	12	5.376G
13	5.260G	14	5.671G	15	5.642G	16	5.634G
17	5.534G	18	5.416G	19	5.265G	20	5.283G
21	5.443G	22	5.319G	23	5.648G	24	5.564G
25	5.493G	26	5.525G	27	5.430G	28	5.397G
29	5.355G	30	5.602G	31	5.510G	32	5.636G
33	5.441G	34	5.362G	35	5.427G	36	5.646G
37	5.584G	38	5.562G	39	5.565G	40	5.407G
41	5.439G	42	5.364G	43	5.613G	44	5.269G
45	5.567G	46	5.605G	47	5.554G	48	5.532G
49	5.432G	50	5.544G	51	5.340G	52	5.478G
53	5.379G	54	5.651G	55	5.424G	56	5.467G
57	5.406G	58	5.587G	59	5.264G	60	5.714G
61	5.286G	62	5.533G	63	5.657G	64	5.653G
65	5.431G	66	5.438G	67	5.701G	68	5.468G
69	5.473G	70	5.282G	71	5.512G	72	5.280G
73	5.635G	74	5.667G	75	5.536G	76	5.505G
77	5.637G	78	5.523G	79	5.549G	80	5.313G
81	5.307G	82	5.328G	83	5.581G	84	5.612G
85	5.520G	86	5.277G	87	5.552G	88	5.459G
89	5.403G	90	5.698G	91	5.509G	92	5.388G
93	5.381G	94	5.392G	95	5.469G	96	5.317G
97	5.252G	98	5.687G	99	5.259G	100	5.691G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.526G	2	5.374G	3	5.580G	4	5.630G
5	5.673G	6	5.724G	7	5.255G	8	5.592G
9	5.377G	10	5.492G	11	5.688G	12	5.331G
13	5.479G	14	5.482G	15	5.425G	16	5.590G
17	5.493G	18	5.709G	19	5.622G	20	5.628G
21	5.661G	22	5.652G	23	5.690G	24	5.278G
25	5.502G	26	5.582G	27	5.600G	28	5.456G
29	5.336G	30	5.615G	31	5.291G	32	5.485G
33	5.397G	34	5.354G	35	5.257G	36	5.597G
37	5.573G	38	5.287G	39	5.396G	40	5.406G
41	5.375G	42	5.651G	43	5.420G	44	5.490G
45	5.405G	46	5.504G	47	5.496G	48	5.455G
49	5.329G	50	5.704G	51	5.445G	52	5.327G
53	5.647G	54	5.344G	55	5.593G	56	5.454G
57	5.463G	58	5.667G	59	5.675G	60	5.541G
61	5.570G	62	5.439G	63	5.535G	64	5.609G
65	5.296G	66	5.293G	67	5.589G	68	5.607G
69	5.669G	70	5.385G	71	5.461G	72	5.521G
73	5.689G	74	5.288G	75	5.491G	76	5.292G
77	5.712G	78	5.509G	79	5.422G	80	5.370G
81	5.400G	82	5.598G	83	5.533G	84	5.612G
85	5.253G	86	5.575G	87	5.605G	88	5.446G
89	5.435G	90	5.294G	91	5.642G	92	5.635G
93	5.559G	94	5.507G	95	5.357G	96	5.555G
97	5.606G	98	5.259G	99	5.522G	100	5.376G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.362G	2	5.474G	3	5.562G	4	5.684G
5	5.412G	6	5.630G	7	5.641G	8	5.642G
9	5.602G	10	5.253G	11	5.667G	12	5.515G
13	5.448G	14	5.390G	15	5.459G	16	5.570G
17	5.688G	18	5.331G	19	5.620G	20	5.381G
21	5.464G	22	5.677G	23	5.647G	24	5.707G
25	5.565G	26	5.345G	27	5.324G	28	5.468G
29	5.375G	30	5.318G	31	5.554G	32	5.323G
33	5.427G	34	5.522G	35	5.446G	36	5.618G
37	5.527G	38	5.528G	39	5.495G	40	5.654G
41	5.542G	42	5.575G	43	5.292G	44	5.391G
45	5.658G	46	5.355G	47	5.550G	48	5.421G
49	5.258G	50	5.713G	51	5.479G	52	5.280G
53	5.690G	54	5.571G	55	5.272G	56	5.372G
57	5.675G	58	5.337G	59	5.447G	60	5.394G
61	5.507G	62	5.719G	63	5.436G	64	5.360G
65	5.505G	66	5.530G	67	5.319G	68	5.411G
69	5.627G	70	5.366G	71	5.549G	72	5.452G
73	5.343G	74	5.442G	75	5.569G	76	5.313G
77	5.722G	78	5.625G	79	5.632G	80	5.256G
81	5.409G	82	5.596G	83	5.568G	84	5.304G
85	5.591G	86	5.477G	87	5.404G	88	5.498G
89	5.638G	90	5.413G	91	5.441G	92	5.480G
93	5.357G	94	5.524G	95	5.695G	96	5.672G
97	5.358G	98	5.589G	99	5.388G	100	5.532G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.609G	2	5.681G	3	5.700G	4	5.467G
5	5.632G	6	5.707G	7	5.322G	8	5.720G
9	5.353G	10	5.358G	11	5.345G	12	5.288G
13	5.435G	14	5.487G	15	5.445G	16	5.628G
17	5.301G	18	5.407G	19	5.384G	20	5.405G
21	5.538G	22	5.389G	23	5.502G	24	5.618G
25	5.422G	26	5.477G	27	5.544G	28	5.608G
29	5.295G	30	5.434G	31	5.460G	32	5.501G
33	5.577G	34	5.250G	35	5.480G	36	5.368G
37	5.344G	38	5.364G	39	5.316G	40	5.663G
41	5.599G	42	5.570G	43	5.518G	44	5.615G
45	5.668G	46	5.592G	47	5.658G	48	5.470G
49	5.418G	50	5.319G	51	5.569G	52	5.597G
53	5.540G	54	5.254G	55	5.468G	56	5.340G
57	5.490G	58	5.542G	59	5.595G	60	5.588G
61	5.251G	62	5.693G	63	5.443G	64	5.530G
65	5.276G	66	5.335G	67	5.336G	68	5.448G
69	5.629G	70	5.385G	71	5.263G	72	5.713G
73	5.642G	74	5.328G	75	5.317G	76	5.382G
77	5.438G	78	5.498G	79	5.430G	80	5.647G
81	5.719G	82	5.352G	83	5.488G	84	5.521G
85	5.606G	86	5.639G	87	5.351G	88	5.617G
89	5.284G	90	5.440G	91	5.404G	92	5.267G
93	5.257G	94	5.721G	95	5.334G	96	5.323G
97	5.473G	98	5.311G	99	5.308G	100	5.641G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.503G	2	5.600G	3	5.520G	4	5.339G
5	5.611G	6	5.415G	7	5.658G	8	5.309G
9	5.318G	10	5.496G	11	5.590G	12	5.566G
13	5.461G	14	5.645G	15	5.276G	16	5.563G
17	5.453G	18	5.429G	19	5.329G	20	5.378G
21	5.554G	22	5.508G	23	5.359G	24	5.460G
25	5.528G	26	5.512G	27	5.366G	28	5.649G
29	5.521G	30	5.388G	31	5.706G	32	5.705G
33	5.258G	34	5.527G	35	5.622G	36	5.576G
37	5.484G	38	5.494G	39	5.328G	40	5.683G
41	5.550G	42	5.284G	43	5.565G	44	5.498G
45	5.666G	46	5.372G	47	5.458G	48	5.615G
49	5.529G	50	5.250G	51	5.694G	52	5.686G
53	5.333G	54	5.602G	55	5.463G	56	5.397G
57	5.436G	58	5.652G	59	5.648G	60	5.375G
61	5.383G	62	5.654G	63	5.677G	64	5.434G
65	5.721G	66	5.548G	67	5.709G	68	5.376G
69	5.435G	70	5.723G	71	5.588G	72	5.495G
73	5.291G	74	5.711G	75	5.641G	76	5.337G
77	5.268G	78	5.556G	79	5.564G	80	5.439G
81	5.646G	82	5.449G	83	5.431G	84	5.343G
85	5.509G	86	5.477G	87	5.708G	88	5.506G
89	5.678G	90	5.701G	91	5.570G	92	5.428G
93	5.719G	94	5.656G	95	5.432G	96	5.316G
97	5.323G	98	5.399G	99	5.673G	100	5.298G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.422G	2	5.279G	3	5.469G	4	5.476G
5	5.578G	6	5.473G	7	5.270G	8	5.586G
9	5.257G	10	5.381G	11	5.430G	12	5.274G
13	5.366G	14	5.637G	15	5.643G	16	5.365G
17	5.271G	18	5.337G	19	5.364G	20	5.335G
21	5.681G	22	5.583G	23	5.710G	24	5.719G
25	5.511G	26	5.339G	27	5.520G	28	5.713G
29	5.655G	30	5.522G	31	5.654G	32	5.566G
33	5.413G	34	5.355G	35	5.665G	36	5.577G
37	5.307G	38	5.541G	39	5.446G	40	5.384G
41	5.467G	42	5.659G	43	5.294G	44	5.409G
45	5.698G	46	5.595G	47	5.673G	48	5.718G
49	5.615G	50	5.574G	51	5.599G	52	5.449G
53	5.699G	54	5.526G	55	5.714G	56	5.405G
57	5.484G	58	5.516G	59	5.298G	60	5.720G
61	5.501G	62	5.275G	63	5.642G	64	5.519G
65	5.420G	66	5.267G	67	5.313G	68	5.724G
69	5.550G	70	5.706G	71	5.458G	72	5.453G
73	5.503G	74	5.291G	75	5.707G	76	5.354G
77	5.276G	78	5.660G	79	5.690G	80	5.609G
81	5.392G	82	5.356G	83	5.694G	84	5.489G
85	5.524G	86	5.554G	87	5.653G	88	5.407G
89	5.510G	90	5.532G	91	5.604G	92	5.549G
93	5.383G	94	5.296G	95	5.290G	96	5.629G
97	5.552G	98	5.260G	99	5.557G	100	5.486G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.279G	2	5.589G	3	5.460G	4	5.694G
5	5.399G	6	5.488G	7	5.325G	8	5.285G
9	5.673G	10	5.424G	11	5.449G	12	5.358G
13	5.410G	14	5.660G	15	5.544G	16	5.290G
17	5.698G	18	5.662G	19	5.478G	20	5.386G
21	5.485G	22	5.352G	23	5.640G	24	5.495G
25	5.548G	26	5.392G	27	5.295G	28	5.583G
29	5.395G	30	5.437G	31	5.648G	32	5.310G
33	5.251G	34	5.286G	35	5.263G	36	5.257G
37	5.710G	38	5.629G	39	5.655G	40	5.406G
41	5.387G	42	5.447G	43	5.714G	44	5.327G
45	5.281G	46	5.647G	47	5.627G	48	5.570G
49	5.618G	50	5.663G	51	5.323G	52	5.654G
53	5.556G	54	5.419G	55	5.553G	56	5.405G
57	5.684G	58	5.461G	59	5.309G	60	5.525G
61	5.703G	62	5.268G	63	5.377G	64	5.676G
65	5.600G	66	5.522G	67	5.577G	68	5.351G
69	5.670G	70	5.636G	71	5.657G	72	5.538G
73	5.288G	74	5.385G	75	5.479G	76	5.349G
77	5.622G	78	5.496G	79	5.282G	80	5.315G
81	5.704G	82	5.701G	83	5.321G	84	5.590G
85	5.547G	86	5.651G	87	5.659G	88	5.341G
89	5.320G	90	5.702G	91	5.412G	92	5.284G
93	5.619G	94	5.527G	95	5.343G	96	5.534G
97	5.579G	98	5.514G	99	5.299G	100	5.311G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.653G	2	5.565G	3	5.692G	4	5.359G
5	5.293G	6	5.329G	7	5.640G	8	5.397G
9	5.379G	10	5.283G	11	5.458G	12	5.470G
13	5.605G	14	5.563G	15	5.624G	16	5.722G
17	5.703G	18	5.442G	19	5.619G	20	5.256G
21	5.451G	22	5.273G	23	5.446G	24	5.559G
25	5.598G	26	5.346G	27	5.287G	28	5.543G
29	5.479G	30	5.617G	31	5.490G	32	5.634G
33	5.364G	34	5.591G	35	5.288G	36	5.693G
37	5.524G	38	5.448G	39	5.366G	40	5.302G
41	5.588G	42	5.400G	43	5.401G	44	5.507G
45	5.544G	46	5.393G	47	5.309G	48	5.518G
49	5.667G	50	5.553G	51	5.662G	52	5.552G
53	5.502G	54	5.331G	55	5.643G	56	5.682G
57	5.644G	58	5.686G	59	5.266G	60	5.271G
61	5.384G	62	5.721G	63	5.429G	64	5.596G
65	5.478G	66	5.652G	67	5.292G	68	5.403G
69	5.572G	70	5.656G	71	5.592G	72	5.465G
73	5.326G	74	5.540G	75	5.441G	76	5.408G
77	5.574G	78	5.387G	79	5.601G	80	5.411G
81	5.297G	82	5.564G	83	5.445G	84	5.421G
85	5.335G	86	5.466G	87	5.550G	88	5.269G
89	5.602G	90	5.386G	91	5.449G	92	5.528G
93	5.680G	94	5.623G	95	5.325G	96	5.435G
97	5.661G	98	5.671G	99	5.545G	100	5.321G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.299G	2	5.355G	3	5.568G	4	5.425G
5	5.344G	6	5.574G	7	5.667G	8	5.657G
9	5.412G	10	5.643G	11	5.705G	12	5.701G
13	5.595G	14	5.367G	15	5.695G	16	5.306G
17	5.684G	18	5.373G	19	5.569G	20	5.432G
21	5.527G	22	5.528G	23	5.268G	24	5.277G
25	5.482G	26	5.292G	27	5.342G	28	5.411G
29	5.602G	30	5.422G	31	5.583G	32	5.708G
33	5.653G	34	5.329G	35	5.286G	36	5.543G
37	5.537G	38	5.660G	39	5.511G	40	5.529G
41	5.699G	42	5.688G	43	5.496G	44	5.709G
45	5.489G	46	5.721G	47	5.281G	48	5.486G
49	5.433G	50	5.260G	51	5.673G	52	5.431G
53	5.659G	54	5.714G	55	5.501G	56	5.434G
57	5.530G	58	5.619G	59	5.460G	60	5.467G
61	5.672G	62	5.627G	63	5.541G	64	5.629G
65	5.722G	66	5.309G	67	5.493G	68	5.293G
69	5.477G	70	5.680G	71	5.371G	72	5.378G
73	5.417G	74	5.401G	75	5.648G	76	5.587G
77	5.718G	78	5.503G	79	5.663G	80	5.446G
81	5.698G	82	5.295G	83	5.420G	84	5.634G
85	5.483G	86	5.675G	87	5.683G	88	5.623G
89	5.414G	90	5.553G	91	5.494G	92	5.580G
93	5.713G	94	5.652G	95	5.313G	96	5.396G
97	5.429G	98	5.534G	99	5.251G	100	5.454G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.283G	2	5.630G	3	5.456G	4	5.251G
5	5.465G	6	5.669G	7	5.515G	8	5.603G
9	5.496G	10	5.633G	11	5.421G	12	5.485G
13	5.558G	14	5.423G	15	5.717G	16	5.289G
17	5.567G	18	5.654G	19	5.721G	20	5.508G
21	5.341G	22	5.552G	23	5.254G	24	5.427G
25	5.320G	26	5.555G	27	5.467G	28	5.405G
29	5.544G	30	5.698G	31	5.252G	32	5.287G
33	5.428G	34	5.493G	35	5.330G	36	5.344G
37	5.348G	38	5.374G	39	5.280G	40	5.398G
41	5.489G	42	5.466G	43	5.432G	44	5.645G
45	5.275G	46	5.337G	47	5.497G	48	5.471G
49	5.720G	50	5.667G	51	5.566G	52	5.712G
53	5.513G	54	5.676G	55	5.416G	56	5.477G
57	5.694G	58	5.589G	59	5.554G	60	5.569G
61	5.623G	62	5.672G	63	5.655G	64	5.675G
65	5.579G	66	5.487G	67	5.462G	68	5.636G
69	5.277G	70	5.559G	71	5.631G	72	5.680G
73	5.611G	74	5.649G	75	5.562G	76	5.479G
77	5.573G	78	5.671G	79	5.495G	80	5.627G
81	5.524G	82	5.470G	83	5.665G	84	5.590G
85	5.707G	86	5.461G	87	5.548G	88	5.392G
89	5.332G	90	5.434G	91	5.677G	92	5.424G
93	5.518G	94	5.259G	95	5.358G	96	5.378G
97	5.605G	98	5.526G	99	5.602G	100	5.290G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.643G	2	5.627G	3	5.509G	4	5.513G
5	5.614G	6	5.686G	7	5.286G	8	5.694G
9	5.458G	10	5.379G	11	5.630G	12	5.257G
13	5.579G	14	5.421G	15	5.538G	16	5.287G
17	5.360G	18	5.505G	19	5.467G	20	5.520G
21	5.527G	22	5.250G	23	5.451G	24	5.489G
25	5.518G	26	5.350G	27	5.439G	28	5.598G
29	5.311G	30	5.357G	31	5.670G	32	5.355G
33	5.335G	34	5.433G	35	5.480G	36	5.368G
37	5.268G	38	5.332G	39	5.650G	40	5.325G
41	5.625G	42	5.427G	43	5.645G	44	5.601G
45	5.547G	46	5.361G	47	5.385G	48	5.619G
49	5.536G	50	5.373G	51	5.511G	52	5.575G
53	5.569G	54	5.364G	55	5.673G	56	5.376G
57	5.352G	58	5.711G	59	5.664G	60	5.516G
61	5.454G	62	5.689G	63	5.543G	64	5.443G
65	5.626G	66	5.363G	67	5.578G	68	5.657G
69	5.265G	70	5.648G	71	5.521G	72	5.503G
73	5.395G	74	5.276G	75	5.484G	76	5.466G
77	5.636G	78	5.340G	79	5.346G	80	5.668G
81	5.291G	82	5.655G	83	5.683G	84	5.542G
85	5.618G	86	5.658G	87	5.426G	88	5.546G
89	5.529G	90	5.606G	91	5.556G	92	5.557G
93	5.367G	94	5.338G	95	5.501G	96	5.317G
97	5.440G	98	5.528G	99	5.494G	100	5.401G

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)	SEQ#	Frequency (Hz)
1	5.453G	2	5.662G	3	5.339G	4	5.638G
5	5.306G	6	5.537G	7	5.311G	8	5.312G
9	5.368G	10	5.323G	11	5.535G	12	5.512G
13	5.670G	14	5.354G	15	5.450G	16	5.267G
17	5.392G	18	5.454G	19	5.403G	20	5.709G
21	5.278G	22	5.582G	23	5.597G	24	5.447G
25	5.700G	26	5.482G	27	5.655G	28	5.559G
29	5.632G	30	5.536G	31	5.255G	32	5.291G
33	5.503G	34	5.723G	35	5.642G	36	5.346G
37	5.510G	38	5.690G	39	5.584G	40	5.321G
41	5.445G	42	5.434G	43	5.604G	44	5.551G
45	5.693G	46	5.279G	47	5.326G	48	5.350G
49	5.336G	50	5.334G	51	5.277G	52	5.438G
53	5.394G	54	5.583G	55	5.507G	56	5.379G
57	5.578G	58	5.457G	59	5.671G	60	5.579G
61	5.427G	62	5.477G	63	5.504G	64	5.437G
65	5.634G	66	5.563G	67	5.516G	68	5.573G
69	5.374G	70	5.692G	71	5.621G	72	5.414G
73	5.384G	74	5.474G	75	5.446G	76	5.449G
77	5.637G	78	5.708G	79	5.648G	80	5.687G
81	5.715G	82	5.554G	83	5.527G	84	5.399G
85	5.684G	86	5.362G	87	5.509G	88	5.282G
89	5.469G	90	5.689G	91	5.429G	92	5.703G
93	5.341G	94	5.607G	95	5.398G	96	5.406G
97	5.342G	98	5.382G	99	5.531G	100	5.600G

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