DFS Test Report

Report No.:	RF200424C06-2
FCC ID:	2ARXKVHE09-4GL
Test Model:	VHE09-4GL
Series Model:	VHE09XXXXX (X=A-Z, 0-9, blank or “-”)
Received Date:	Apr. 24, 2020
Test Date:	Jun. 22 ~ Jul. 23, 2020
Issued Date:	Jul. 24, 2020
Applicant:	Veea Inc
Address:	164 E 83rd Street, New York NY, 10028, USA
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

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Release Control Record

Issue No.	Description	Date Issued
RF200424C06-2	Original release.	Jul. 24, 2020

1 Certificate of Conformity

Product:	veeaHub
Brand:	veeaHub
Test Model:	VHE09-4GL
Series Model:	VHE09XXXXX (X=A-Z, 0-9, blank or "-")
Sample Status:	Engineering sample
Applicant:	Veea Inc
Test Date:	Jun. 22 ~ Jul. 23, 2020
Standards:	FCC Part 15, Subpart E (Section 15.407)
References Test Guidance:	KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

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

Prepared by : Polly Chien , **Date:** Jul. 24, 2020

Polly Chien / Specialist

Approved by : Bruce Chen , **Date:** Jul. 24, 2020

Bruce Chen / Senior Project Engineer

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.	Series Model	Firmware Version
1	veeaHub	VHE09-4GL	VHE09XXXXX (X=A-Z, 0-9, blank or "-") For marketing purposes	Linux OCTEONTX 4.9.0 #1 SMP PREEMPT Thu Jan 17 18:21:31 CST 2019 aarch64 aarch64

2.3 Description of Available Antennas to the EUT

Table 3: Antenna List

ANT No.	Antenna Type	Operation Frequency Range (MHz)	Min. Gain (dBi)
1	Chip	5250~5725	2.1
2	Chip	5250~5725	2.1
3	Chip	5250~5725	2.1
4	Chip	5250~5725	2.1

Note:

1. Maximum Correlated Directional Gain = 10 log[(10 $^{G1/20}$ + 10 $^{G2/20}$ + … +10 $^{GN/20}$)^2 / N $_{ANT}$] dBi
   5250~5725MHz Directional Gain = 8.12 dBi
2. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.4 EUT Maximum Conducted Power

Table 4: The Measured Conducted Output Power

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	21.44	139.397
5470~5725	21.64	145.772

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	21.71	148.230
5470~5725	21.79	150.901

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.27	212.489
5470~5725	23.48	222.757

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.36	217.015
5470~5725	23.63	230.862

Beamforming Mode

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	15.69	37.062
5470~5725	15.77	37.730

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	17.25	53.130
5470~5725	17.46	55.697

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	17.34	54.262
5470~5725	21.26	133.782

2.5 EUT Maximum E.I.R.P. Power

Table 5: The EIRP Output Power List

CDD Mode

802.11a

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.54	225.944
5470~5725	23.74	236.592

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.81	240.436
5470~5725	23.89	244.906

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	25.37	344.350
5470~5725	25.58	361.410

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	25.46	351.560
5470~5725	25.73	374.111

Beamforming Mode

802.11n (HT20)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	23.81	240.436
5470~5725	23.89	244.906

802.11n (HT40)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	25.37	344.350
5470~5725	25.58	361.410

802.11ac (VHT80)

Frequency Band (MHz)	Max. Power	
	Output Power (dBm)	Output Power (mW)
5250~5350	25.46	351.560
5470~5725	29.38	866.962

2.6 Transmit Power Control (TPC)

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 e.i.r.p. of less than 500 mW.

Maximum EIRP of this device is 866.962mW which is greater 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 auto controlled by software

Applicable	E.I.R.P	FCC 15.407 (h)(1)
√	>500mW	The TPC mechanism is required for system with an E.I.R.P of above 500mW
	<500mW	The TPC mechanism is not required for system with an E.I.R.P of less 500mW

2.7 Statement of Manufacturer

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	✓	✓ note	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓
Note: Per KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 section (b)(5/6), 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. An analyzer plot that contains a single 30-minute sweep on the original channel.			

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 each of the bonded 20 MHz channels and the channel center frequency.		

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	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	60%	30
		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			
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

Three subsets of trials will be performed with a minimum of ten trials per subset. The subset of trials differ in where the Long Pulse Type 5 Signal is tuned in frequency.

a) the Channel center frequency
b) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth
c) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth

It include 10 trails for every subset, the formula as below,

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.

For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by:

FL+(0.4∗$Chirp\ Width$ [$in\ MHz$])

For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by:

FH−(0.4∗$Chirp\ Width$ [$in\ MHz$])

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.	Brand	Date of Calibration	Due Date of Calibration
Spectrum analyzer	ESR	R&S	Mar. 04, 2020	Mar. 03, 2021
Signal generator	MXG	KEYSIGHT	Dec. 23, 2019	Dec. 22, 2020
Horn antenna	BBHA 9120 D	Schwarzbeck	Nov. 24, 2019	Nov. 23, 2020
RF coaxial cable	SUCOFLEX 104	HUBER SUHNER	NA	NA

Note: Calibrate the RF coaxial cable before each test and use the radiation or conducted method to calibrate the reference FCC KDB 412172 standard.

4.2 Description of Support Units

Table 14: Support Unit Information.

No.	Product	Brand	Model No.	FCC ID
1	WiFi USB Adapter	NETGEAR	A6210	PY313400249

NOTE: This device No.1 was functioned as a ☐Master ☒Slave device during the DFS test.

Table 15: Software/Firmware Information.

No.	Product	Model No.	Software/Firmware Version
1	WiFi USB Adapter	A6210	5.1.22.0

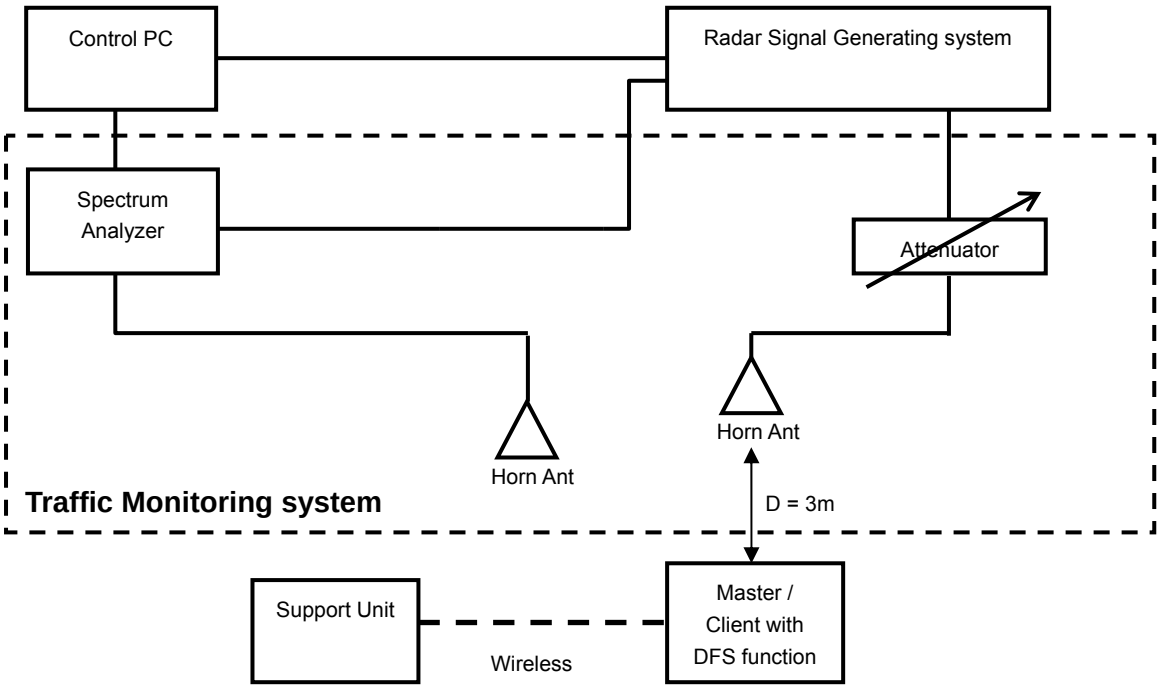
NOTE: This device No.1 was functioned as a ☐Master ☒Slave device during the DFS test.

5. Test Procedure

5.1 DFS Measurement System

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

Radiated Setup Configuration of DFS Measurement System



Channel Loading

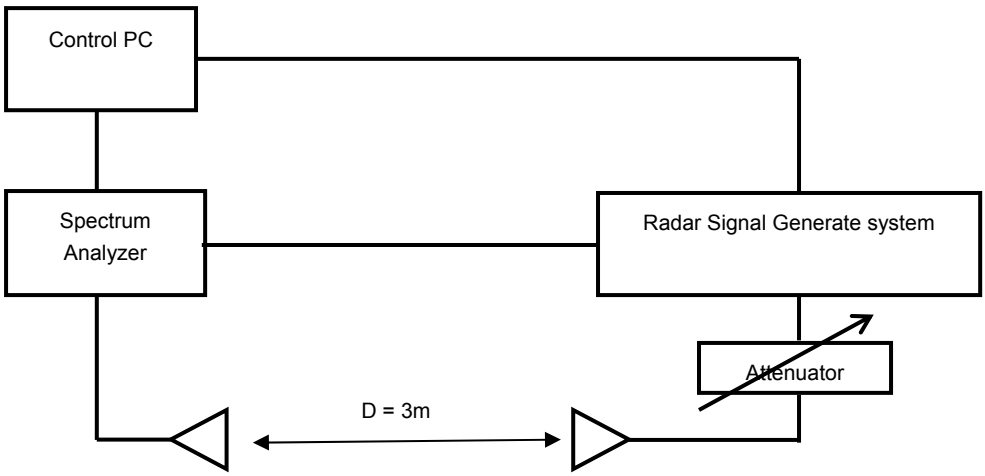
System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

	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.
V	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, 5510MHz and 5530MHz. The radar signal was the same as transmitted channels, and injected into the antenna of AP (master) or Client Device with Radar Detection, measured the channel closing transmission time and channel move time. The calibrated conducted detection threshold level is set to -64dBm. The tested level is lower than required level hence it provides margin to the limit.

Radiated setup configuration of Calibration of DFS Detection Threshold Level



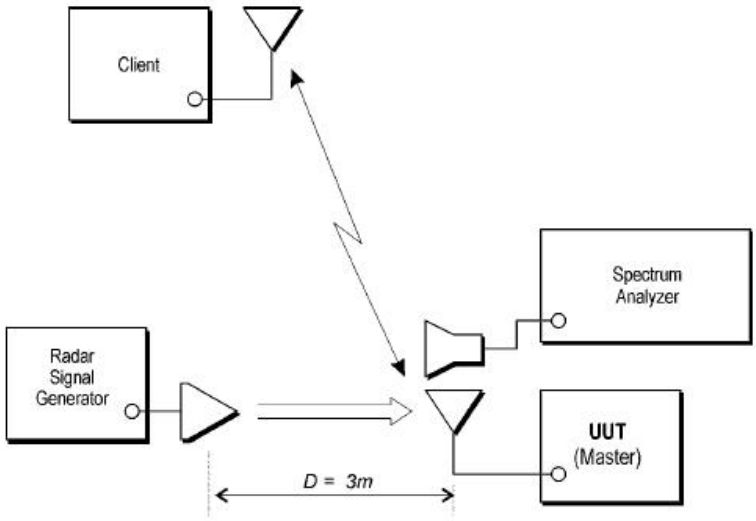
5.3 Deviation from Test Standard

No deviation.

5.4 Radiated Test Setup Configuration

Master Mode

The EUT 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 Results

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

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

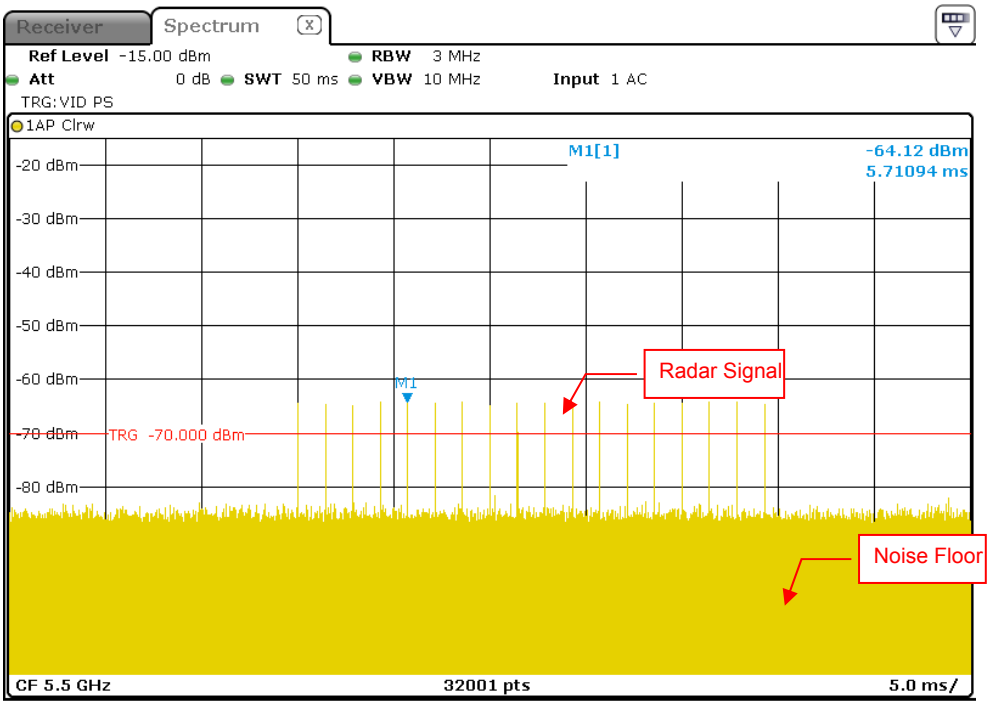
6.2 Test Results

6.2.1 Test Mode: Device Operating in Master Mode

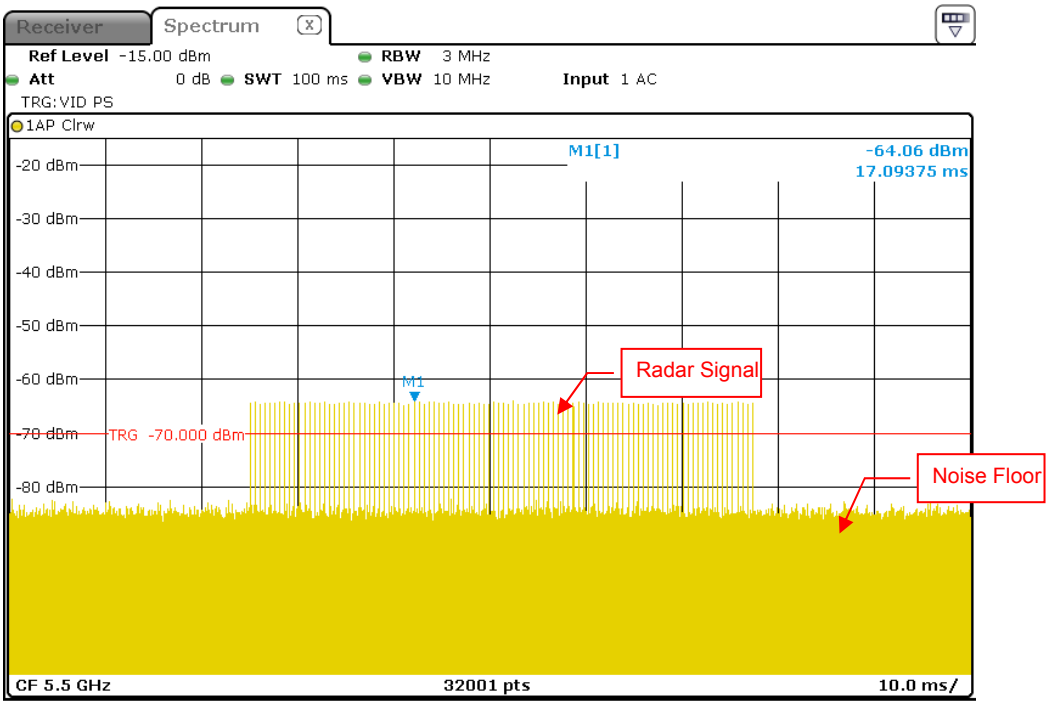
The radar test waveforms are injected into the Master.

DFS Detection Threshold

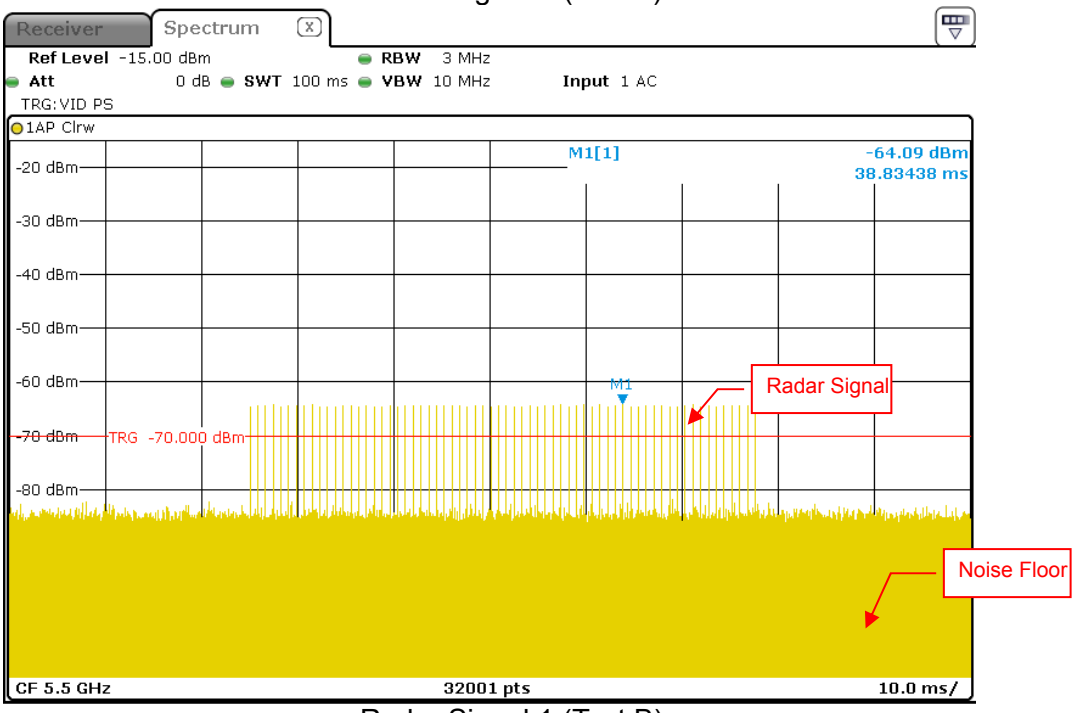
For detection threshold level of -64dBm, the tested level is lower than required level for 1dB, hence it provides margin to the limit.



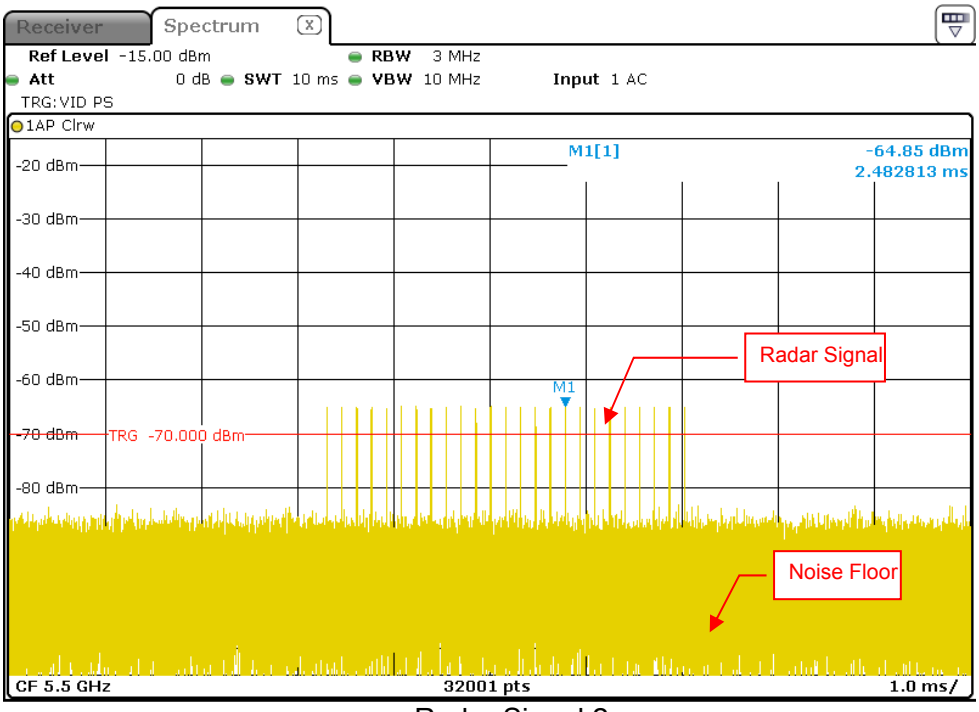
Radar Signal 0



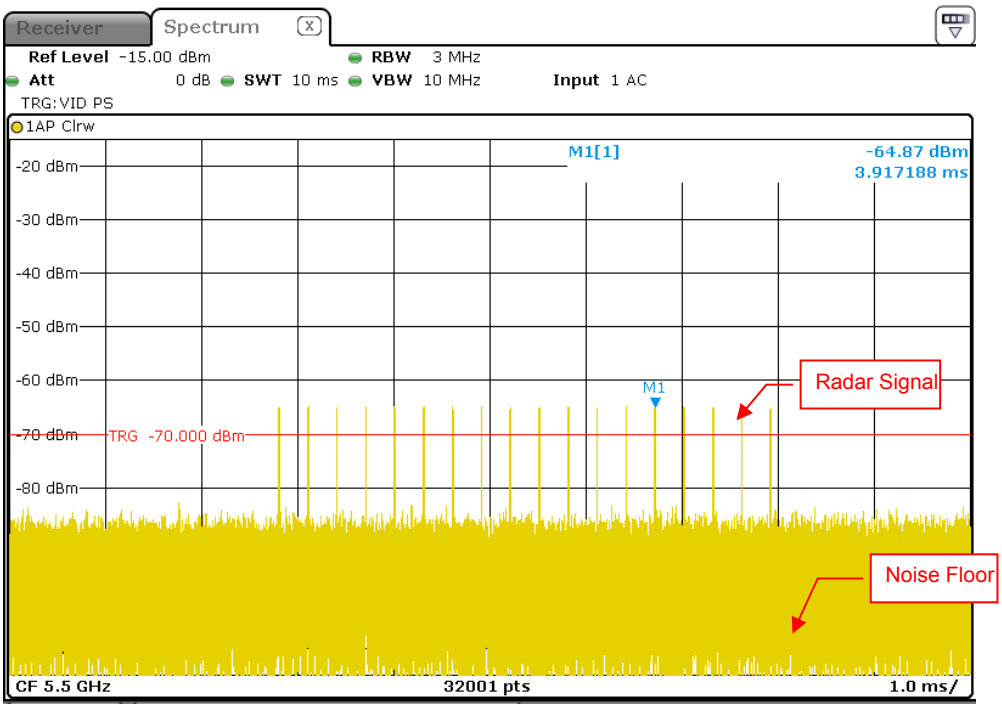
Radar Signal 1 (Test A)



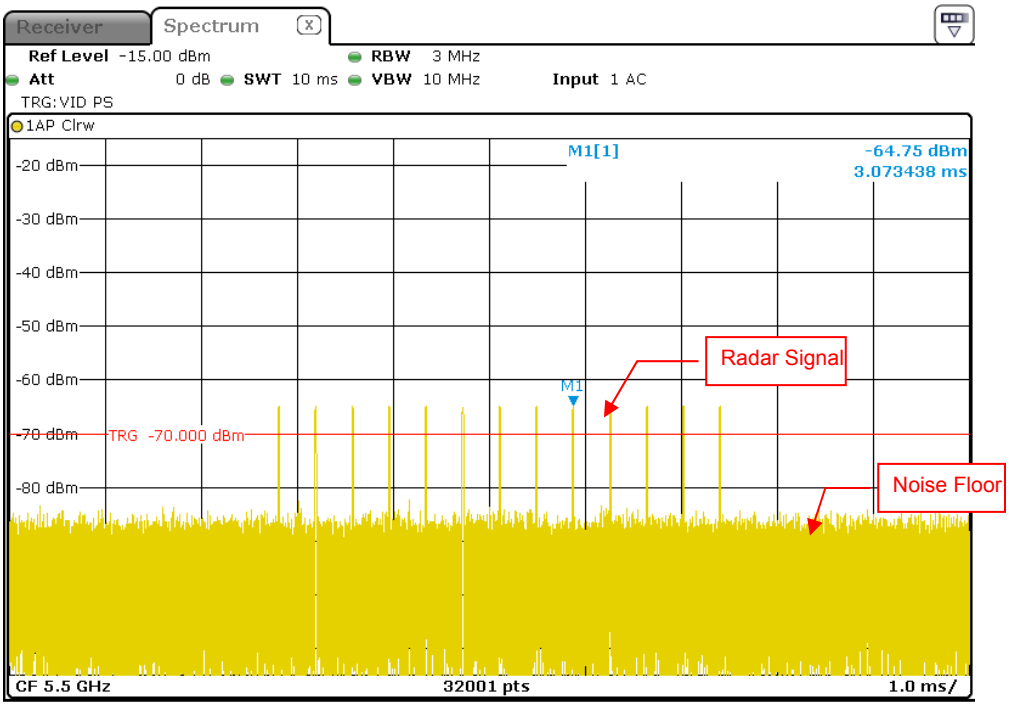
Radar Signal 1 (Test B)



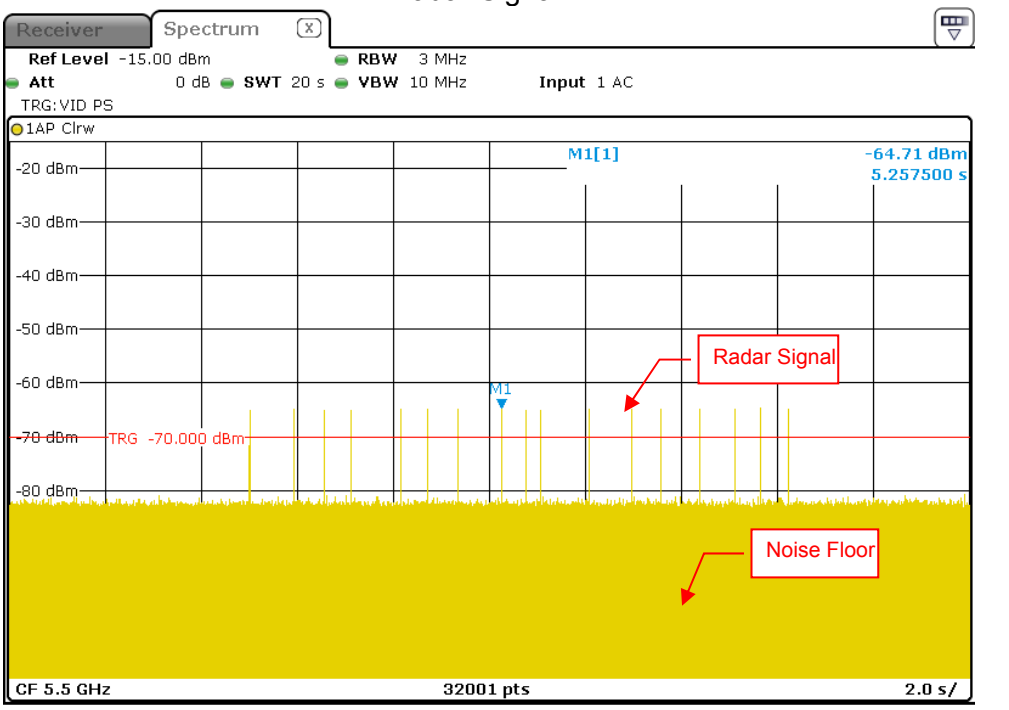
Radar Signal 2



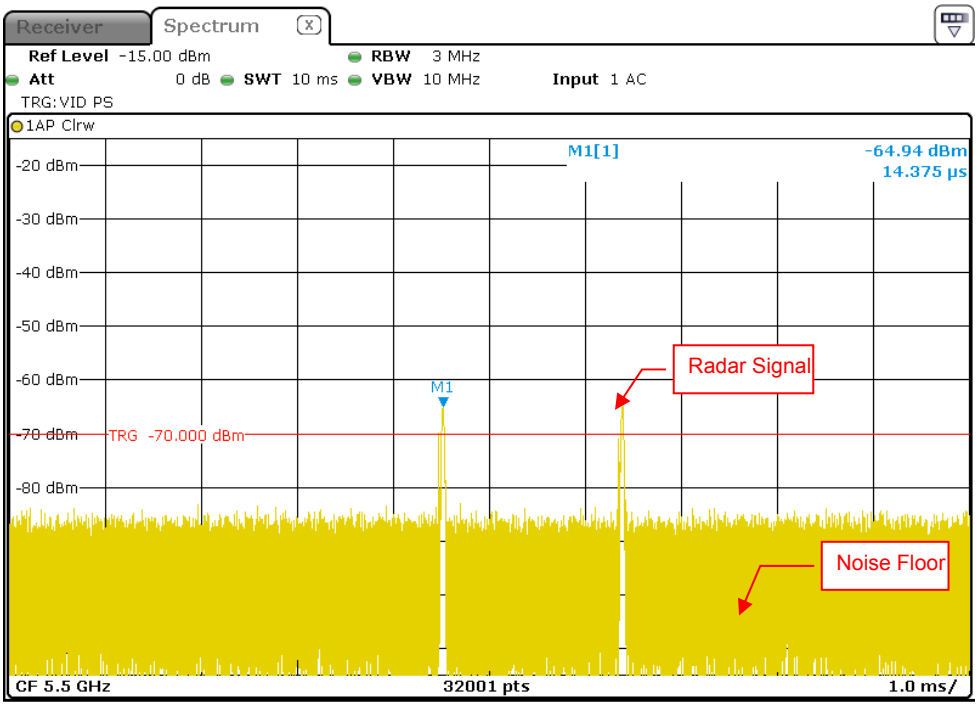
Radar Signal 3



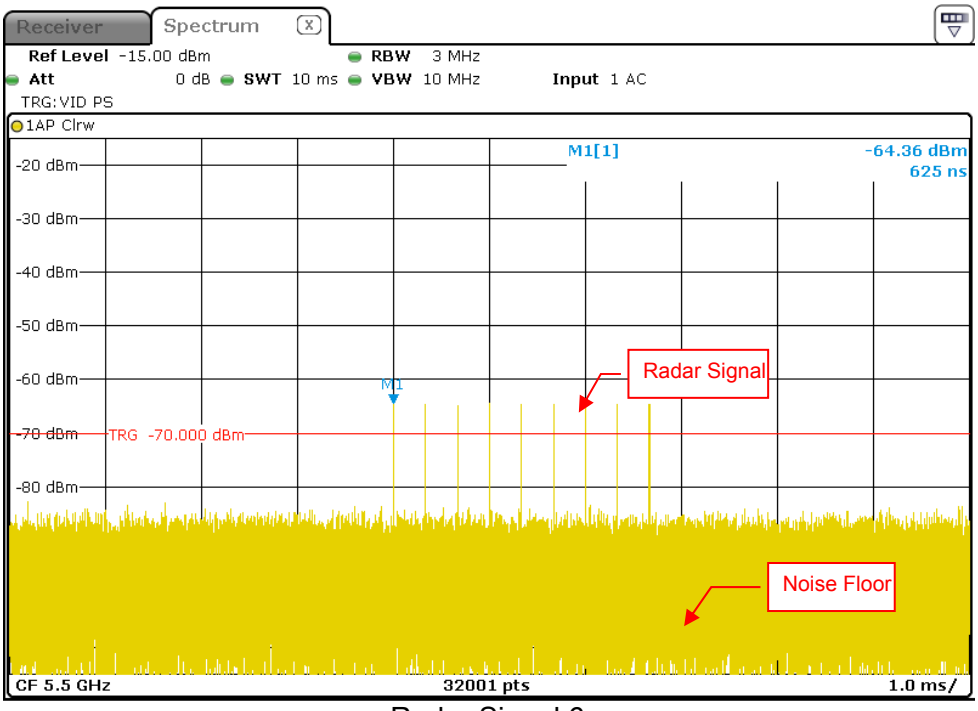
Radar Signal 4



Radar Signal 5



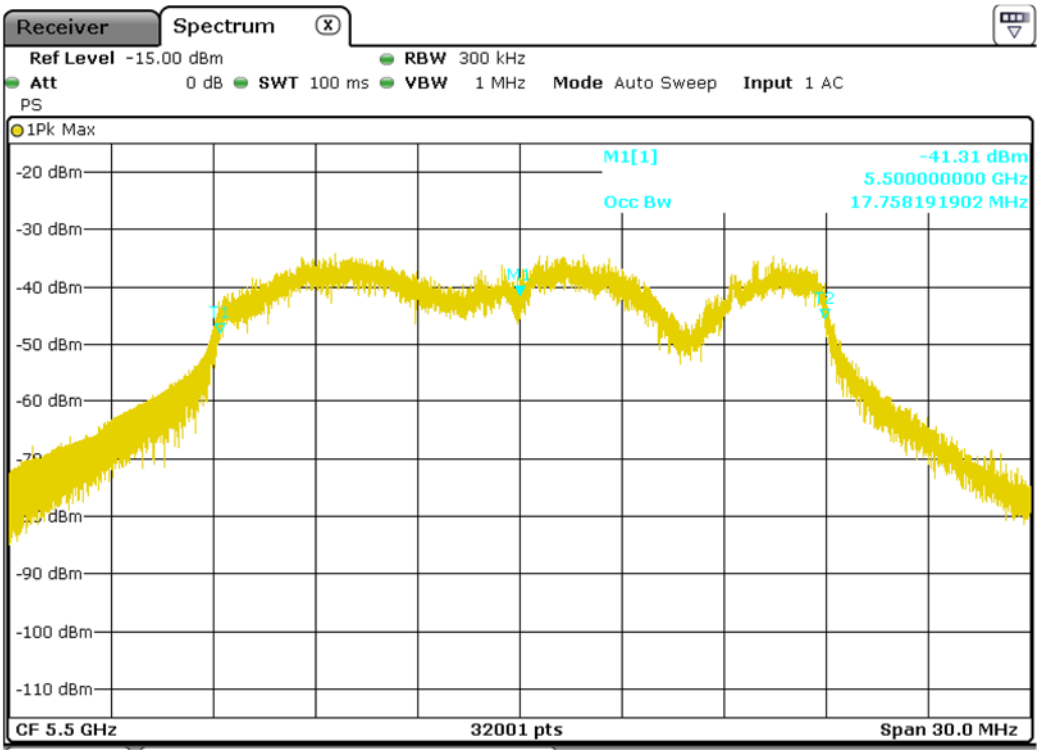
Single Burst of Radar Signal 5



Radar Signal 6

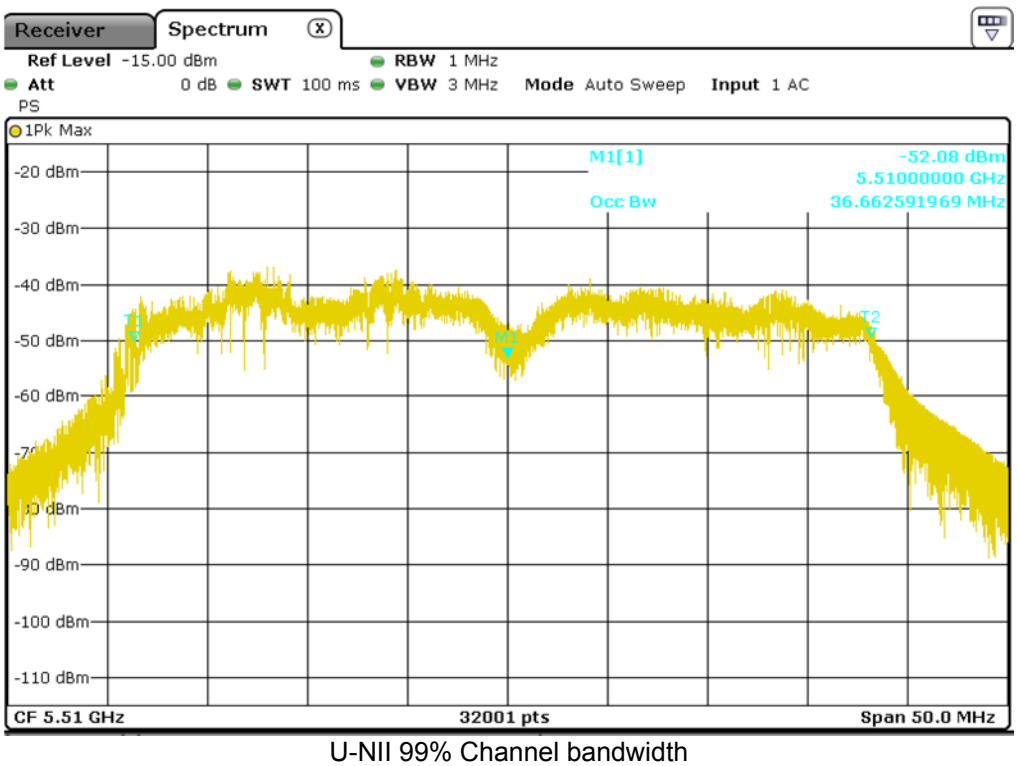
6.2.2 U-NII Detection Bandwidth

IEEE 802.11ac VHT20



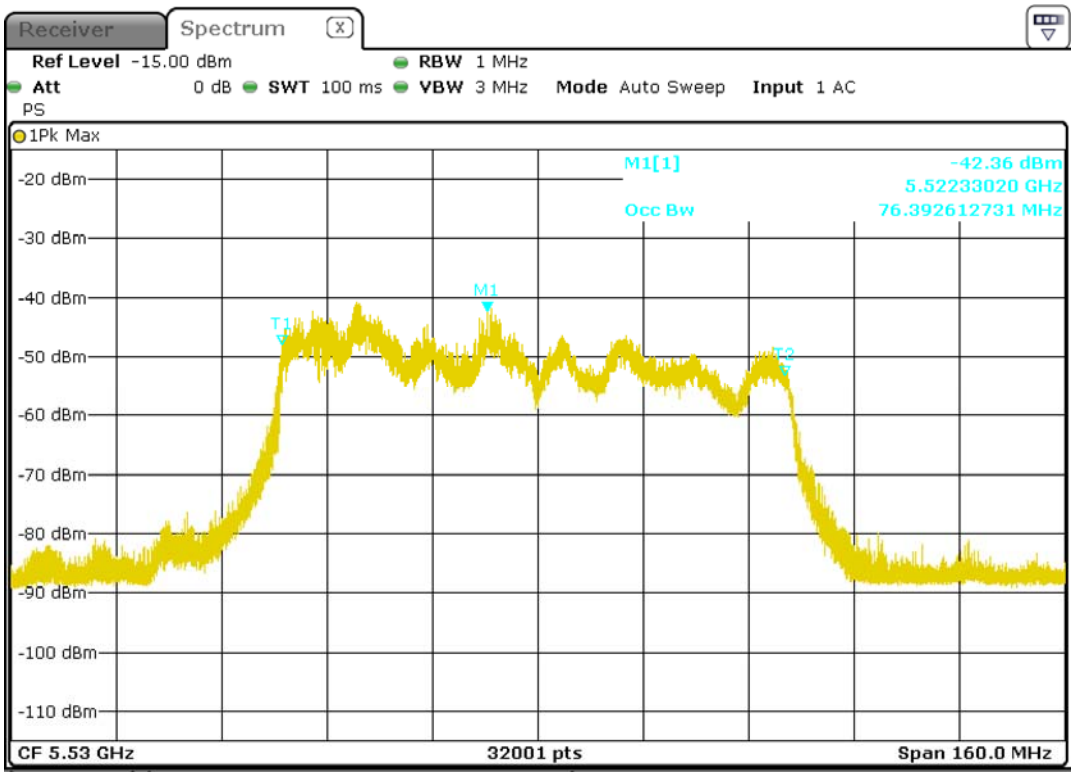
U-NII 99% Channel bandwidth

IEEE 802.11ac VHT40



U-NII 99% Channel bandwidth

IEEE 802.11ac VHT80



U-NII 99% Channel bandwidth

Detection Bandwidth Test - 802.11ac (VHT20)

Radar Type 0
EUT Frequency: 5500MHz
EUT 99% Power bandwidth: 17.76MHz
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 17.76MHz
Detection bandwidth (5510(FH) – 5490(FL)) : 20MHz
Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - 802.11ac (VHT40)

Radar Type 0
EUT Frequency: 5510MHz
EUT 99% Power bandwidth: 36.66MHz
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 36.66MHz
Detection bandwidth (5530(FH) – 5490(FL)) : 40MHz
Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5531	No	No	No	No	No	No	No	No	No	No	0.0

Detection Bandwidth Test - IEEE 802.11ac VHT80

Radar Type 0
EUT Frequency: 5530MHz
EUT 99% Power bandwidth: 76.39MHz
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 76.39MHz
Detection bandwidth (5570(FH) – 5490(FL)) : 80MHz
Test Result : PASS

Radar Frequency (MHz)	Trial Number / Detection										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5489	No	No	No	No	No	No	No	No	No	No	0.0
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5494	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5504	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5514	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5519	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5524	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5530	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	90.0
5531	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5532	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0

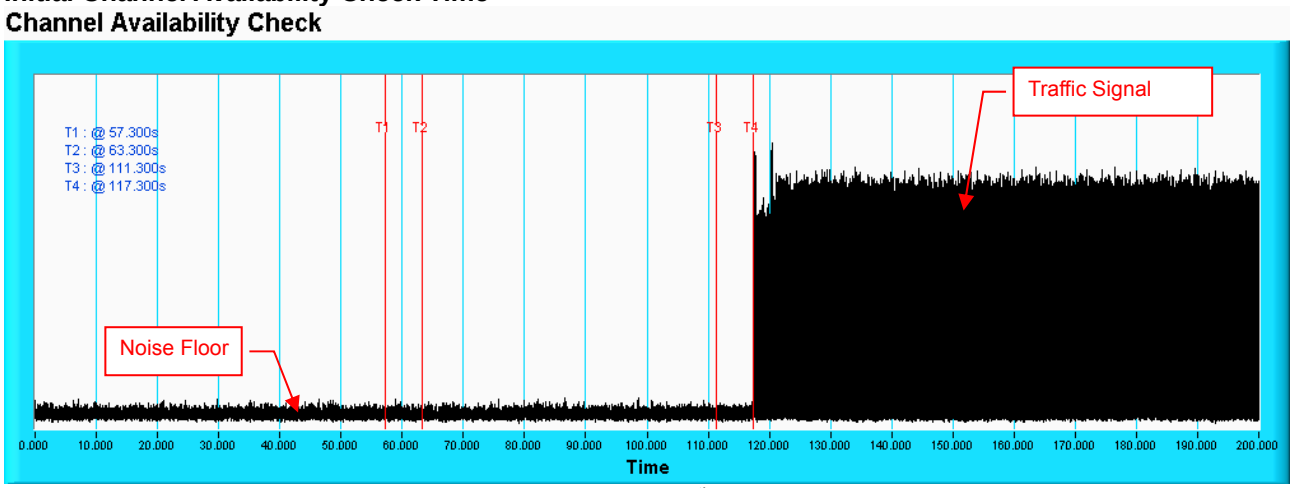
5533	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5534	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5535	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5536	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5537	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5538	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5539	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5540	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5541	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5542	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5543	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5544	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5545	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5546	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5547	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5548	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5549	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5550	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5551	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5552	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5553	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5554	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5555	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5556	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5557	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5558	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5559	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5560	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5561	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5562	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5563	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5564	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5565	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5566	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5567	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5568	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5569	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5570 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5571	No	No	No	No	No	No	No	No	No	No	0.0

6.2.3 Channel Availability Check Time

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

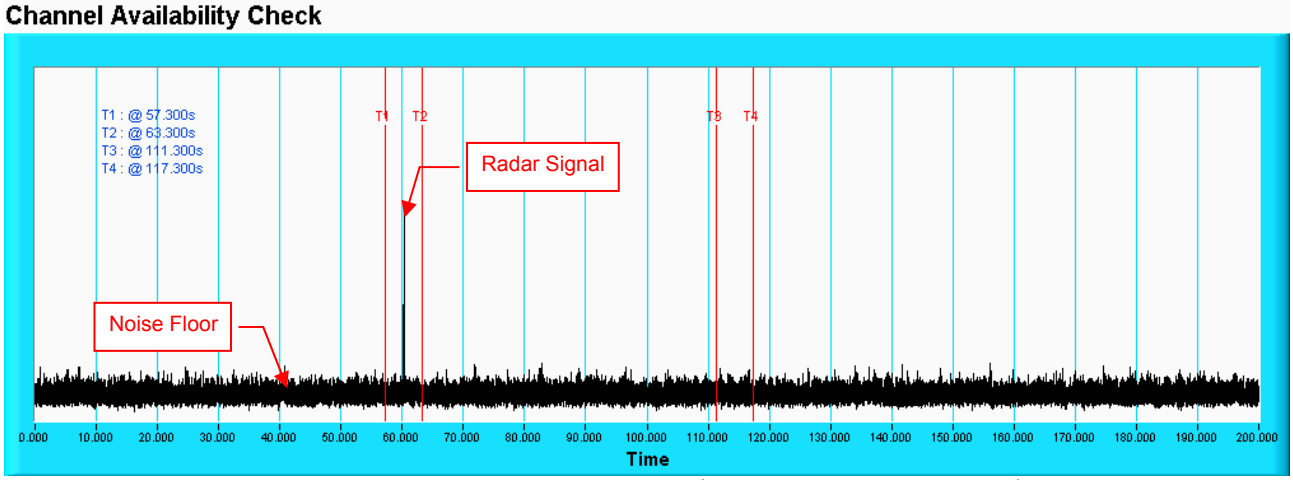
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 1 to 6 second	Detected	No transmissions
Within 54 to 60 second	Detected	No transmissions

Initial Channel Availability Check Time



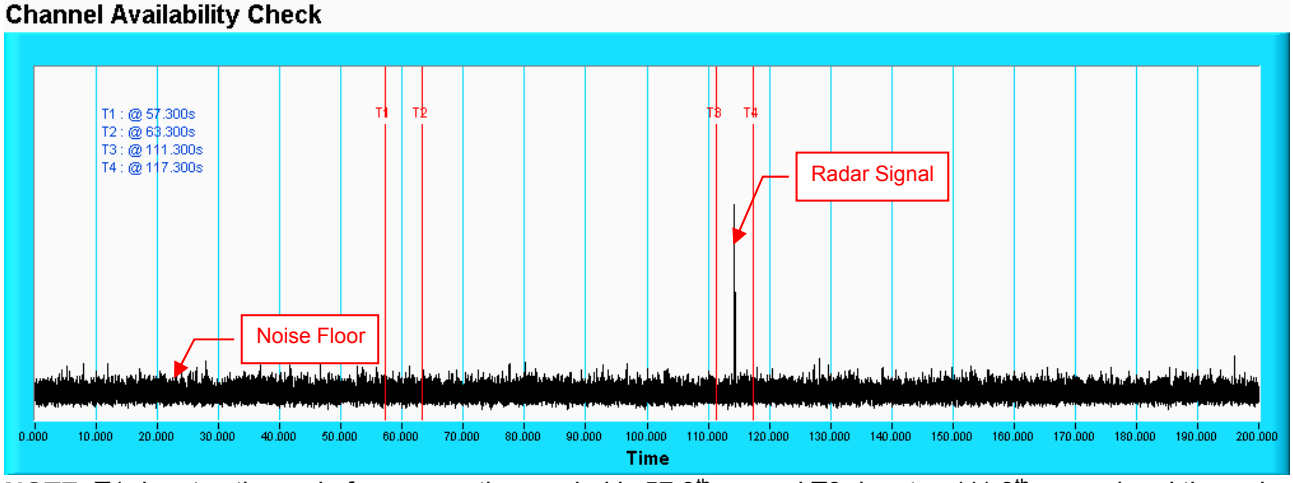
NOTE: T1 denotes the end of power-up time period is 57.3th second. T4 denotes the end of Channel Availability Check time is 117.3th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 57.3th second. T2 denotes 63.3th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 117.3th second.

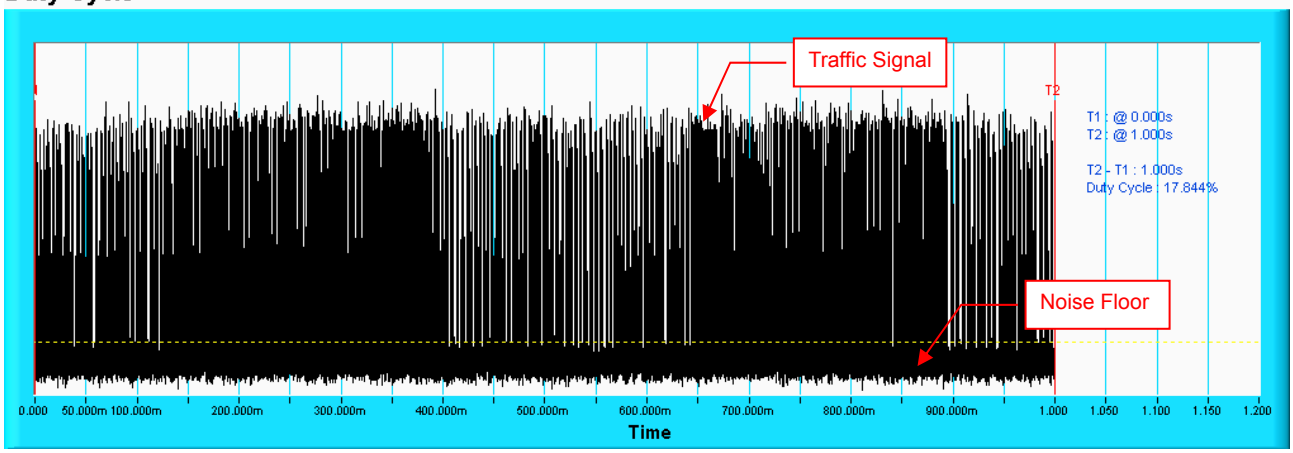
Radar Burst at the End of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 57.3th second.T3 denotes 111.3th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 117.3th second.

6.2.4 Channel Closing Transmission and Channel Move Time

Wireless Traffic Loading
IEEE 802.11ac VHT80
Duty Cycle



IEEE 802.11ac HT20

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\mathrm{PRI}_{\mu\mathrm{sec}}}\right)\right\}$	30	86.67
		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			
2	1-5	150-230	23-29	30	93.33
3	6-10	200-500	16-18	30	90
4	11-20	200-500	12-16	30	96.67
Aggregate (Radar Types 1-4)				120	91.67

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	93.33

Table 3: Frequency Hopping Radar Test Waveform

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

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

IEEE 802.11ac HT40

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	30	90
		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			
2	1-5	150-230	23-29	30	96.67
3	6-10	200-500	16-18	30	96.67
4	11-20	200-500	12-16	30	100
Aggregate (Radar Types 1-4)				120	95.84

Table 2: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses per Burst	Number of Bursts	Number of Trials(Times)	Percentage of Successful Detection (%)
5	50-100	5-20	1000-2000	1-3	8-20	30	96.67

Table 3: Frequency Hopping Radar Test Waveform

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

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

IEEE 802.11ac VHT80

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a	Roundup $\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	30	100
		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			
2	1-5	150-230	23-29	30	100
3	6-10	200-500	16-18	30	100
4	11-20	200-500	12-16	30	100
Aggregate (Radar Types 1-4)				120	100

Table 2: Long Pulse Radar Test Waveform

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

Table 3: Frequency Hopping Radar Test Waveform

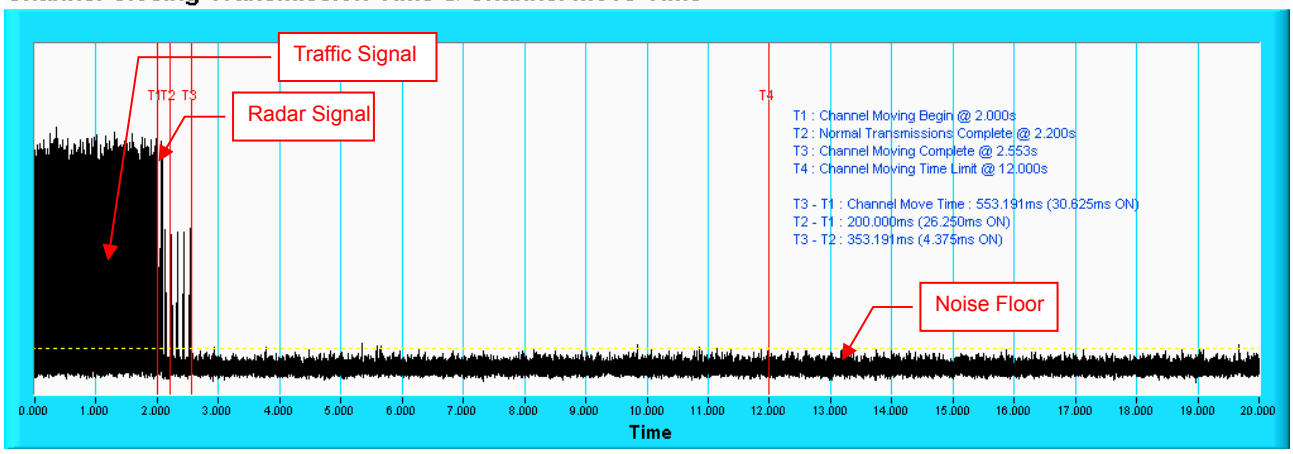
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Number of Trials(Times)	Percentage of Successful Detection (%)
6	1	333	9	0.333	300	30	100

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

Radar signal 0

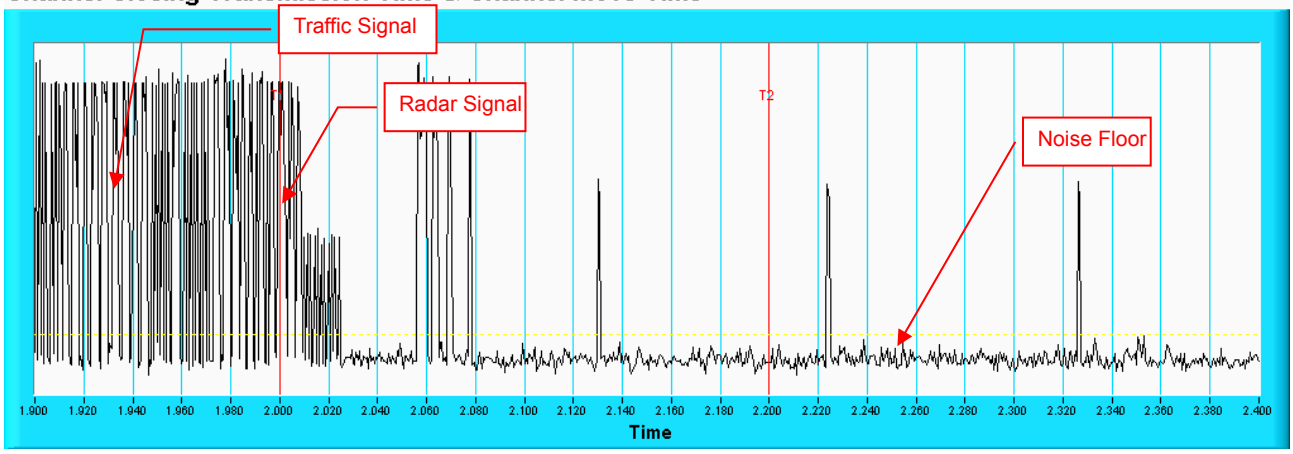
802.11ac (VHT80)

Channel Closing Transmission Time & Channel Move Time



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.

Channel Closing Transmission Time & Channel Move Time

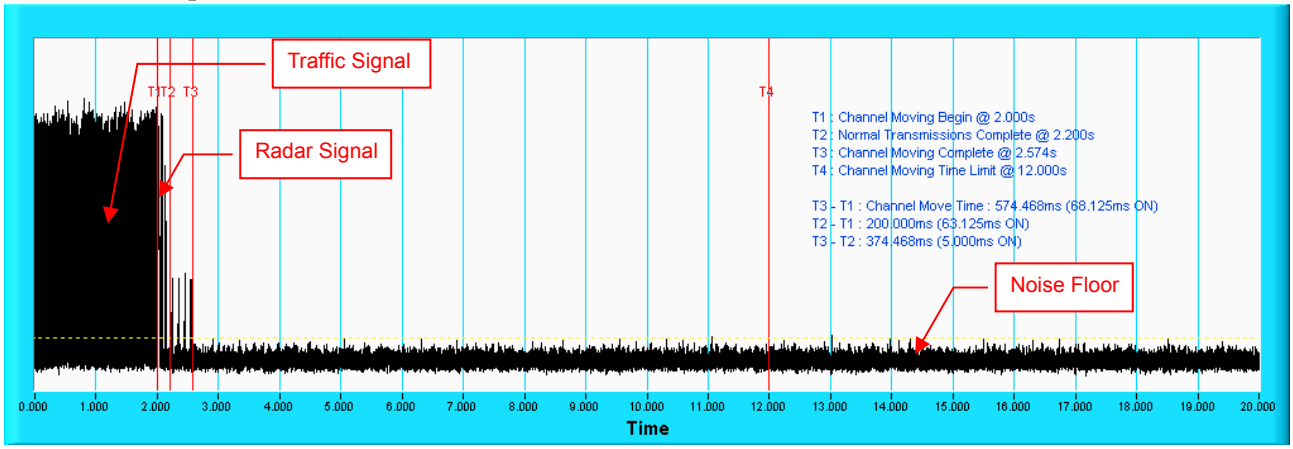


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 1

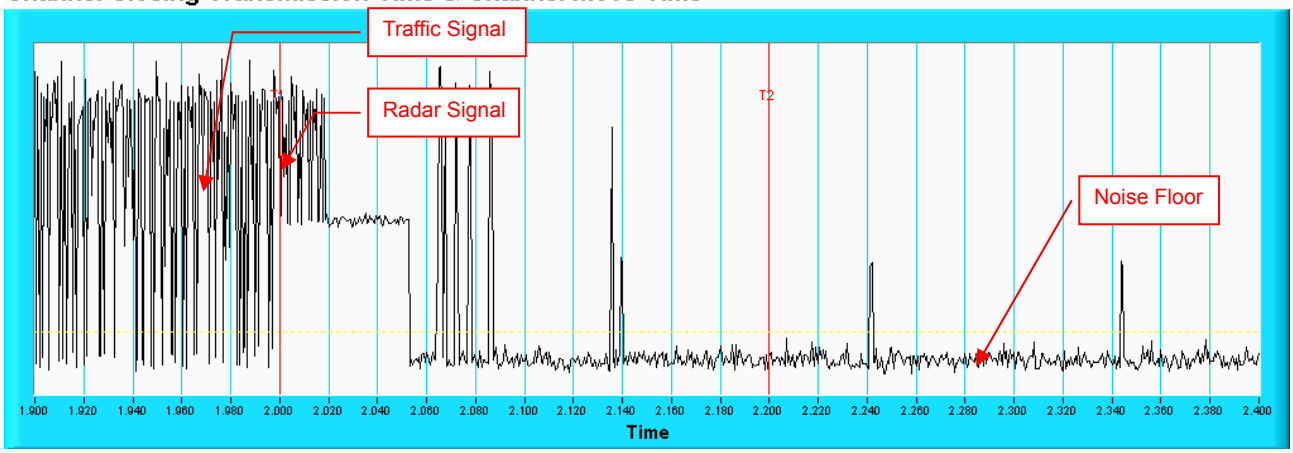
802.11ac (VHT80)

Channel Closing Transmission Time & Channel Move Time



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.

Channel Closing Transmission Time & Channel Move Time

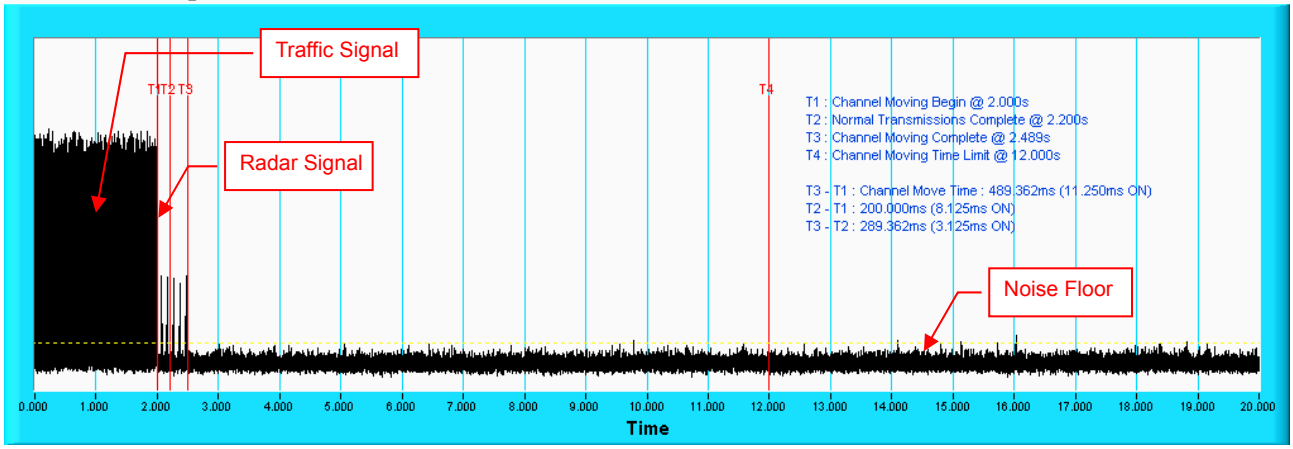


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

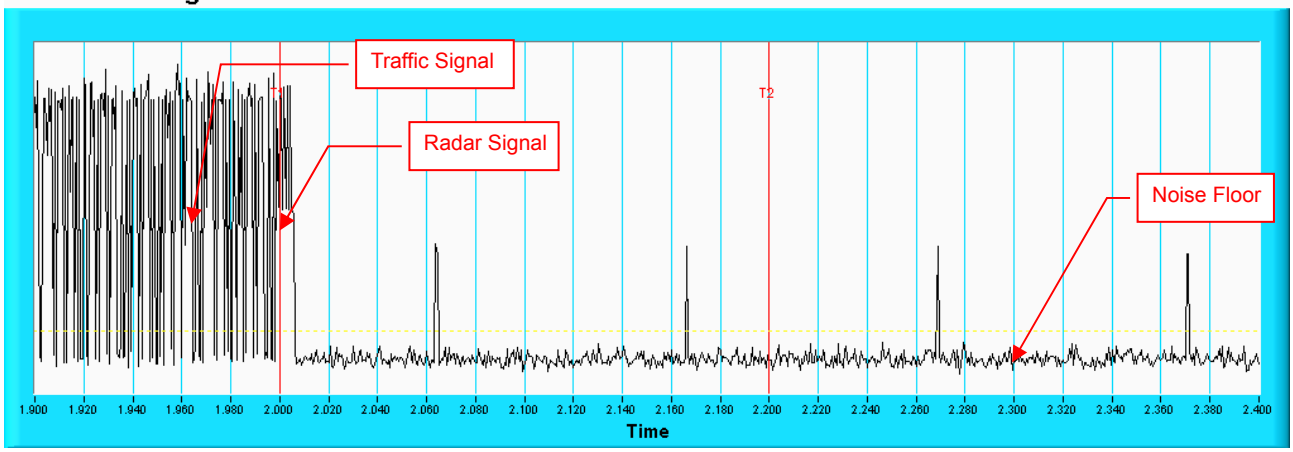
802.11ac (VHT80)

Channel Closing Transmission Time & Channel Move Time



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.

Channel Closing Transmission Time & Channel Move Time

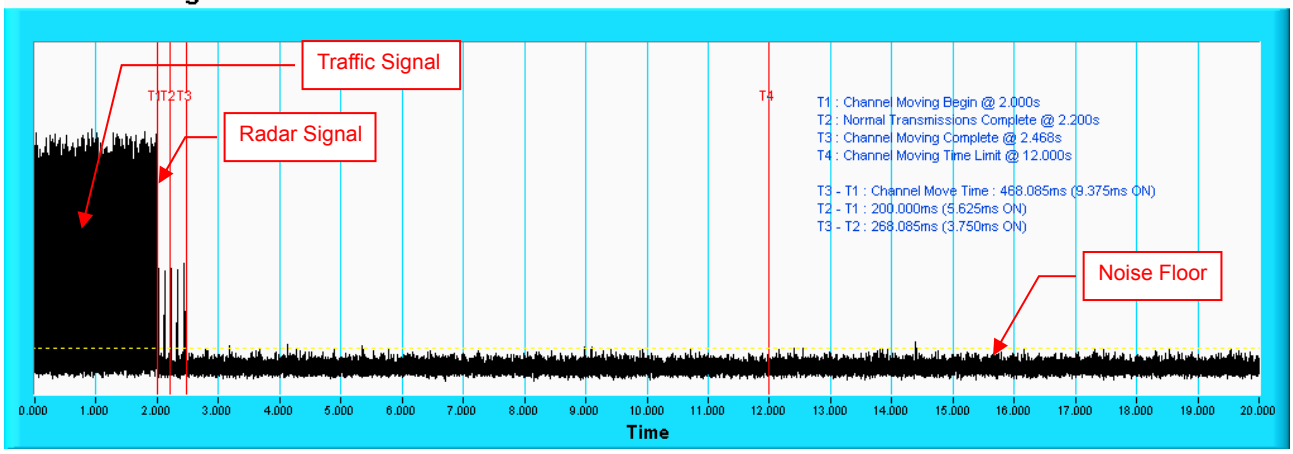


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

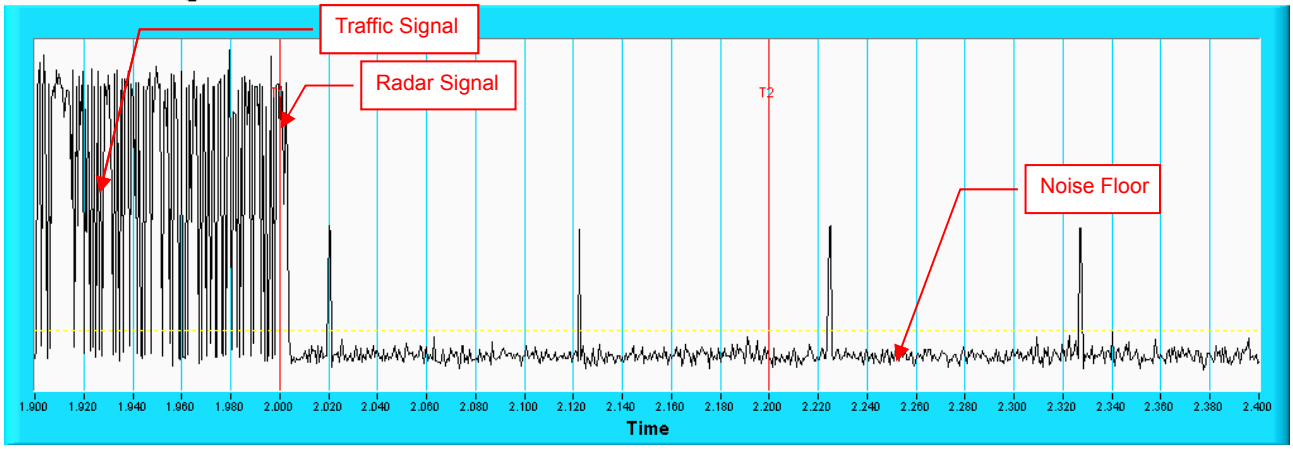
802.11ac (VHT80)

Channel Closing Transmission Time & Channel Move Time



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.

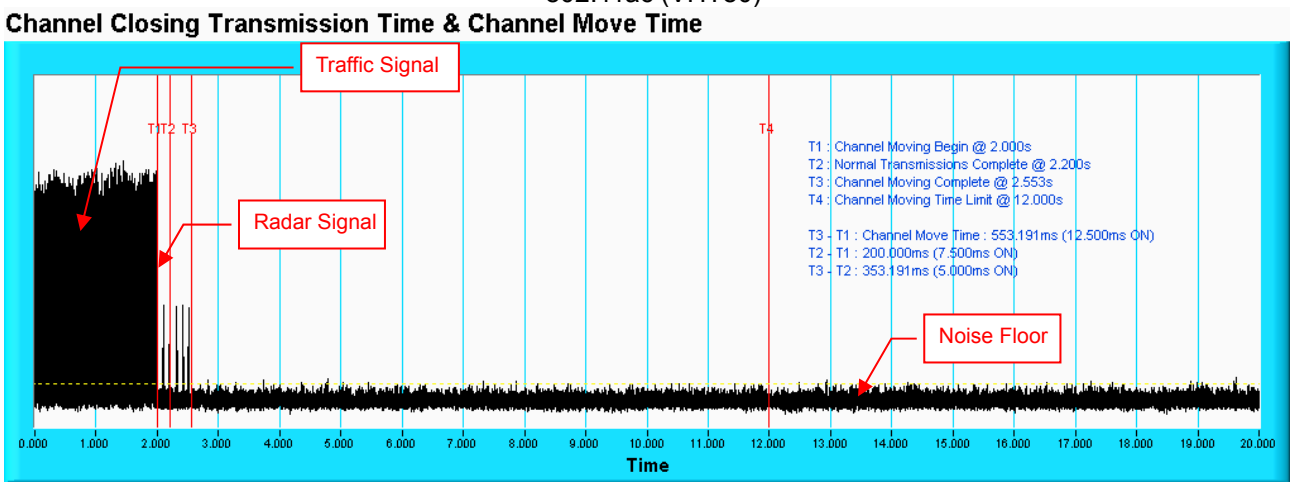
Channel Closing Transmission Time & Channel Move Time



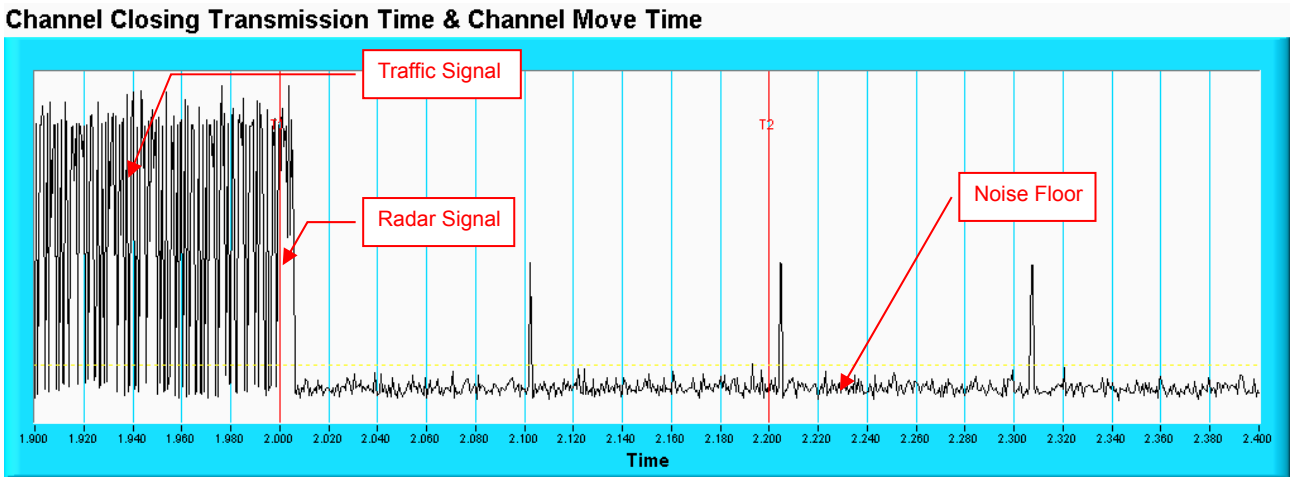
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

802.11ac (VHT80)



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



NOTE: Room-in of the first 500ms after radar signal applied.

802.11ac (VHT20)

Type 1 Radar Statistical Performances						
Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5494	15	1253	67	798	Yes
2	5502	16	1223	65	818	Yes
3	5498	4	1730	92	578	Yes
4	5493	11	1393	74	718	No
5	5499	22	1066	57	938	Yes
6	5493	7	1567	83	638	Yes
7	5499	2	1859	99	538	Yes
8	5495	8	1520	81	658	Yes
9	5509	1	1931	102	518	Yes
10	5510	19	1139	61	878	Yes
11	5497	21	1089	58	918	Yes
12	5497	23	326.2	18	3066	Yes
13	5491	9	1475	78	678	No
14	5494	5	1672	89	598	Yes
15	5504	6	1618	86	618	Yes
16	5508		1111	59	900	Yes
17	5498		1024	55	977	Yes
18	5504		625.8	34	1598	Yes
19	5497		730.5	39	1369	Yes
20	5493		1181	63	847	Yes
21	5500		400.6	22	2496	Yes
22	5503		529.4	28	1889	No
23	5494		347.6	19	2877	Yes
24	5509		641.4	34	1559	Yes
25	5497		508.9	27	1965	No
26	5508		345.4	19	2895	Yes
27	5505		580.7	31	1722	Yes
28	5508		786.8	42	1271	Yes
29	5500		808.4	43	1237	Yes
30	5491		517.1	28	1934	Yes
						Detection Rate: 86.67 %

802.11ac (VHT20)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5492	24	1.7	174	Yes
2	5507	27	3.8	176	Yes
3	5499	28	4	161	Yes
4	5500	28	4.3	226	Yes
5	5499	24	1.9	193	Yes
6	5499	23	1.1	230	Yes
7	5496	29	4.5	198	Yes
8	5492	26	2.9	227	Yes
9	5507	26	2.8	171	No
10	5496	27	3.6	221	Yes
11	5509	23	1.1	180	Yes
12	5507	23	1.3	189	Yes
13	5490	25	2.5	204	Yes
14	5497	29	4.5	203	Yes
15	5494	29	5	170	Yes
16	5508	26	3.1	201	Yes
17	5508	24	2.1	218	Yes
18	5494	25	2.6	208	Yes
19	5496	24	1.8	223	Yes
20	5498	23	1.2	220	Yes
21	5502	26	2.9	224	Yes
22	5504	28	4	160	Yes
23	5505	25	2.5	209	Yes
24	5498	23	1	205	Yes
25	5503	27	3.7	151	No
26	5502	25	2.5	186	Yes
27	5497	23	1.5	190	Yes
28	5506	23	1.3	185	Yes
29	5499	23	1.2	175	Yes
30	5508	24	1.7	216	Yes
					Detection Rate: 93.33 %

802.11ac (VHT20)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5490	16	6.7	467	Yes
2	5497	18	8.8	304	No
3	5502	18	9	316	Yes
4	5507	18	9.3	439	No
5	5507	16	6.9	420	Yes
6	5492	16	6.1	249	Yes
7	5507	18	9.5	463	Yes
8	5502	17	7.9	258	Yes
9	5500	17	7.8	212	Yes
10	5499	17	8.6	236	Yes
11	5501	16	6.1	474	Yes
12	5504	16	6.3	461	Yes
13	5500	17	7.5	437	Yes
14	5497	18	9.5	287	Yes
15	5506	18	10	395	Yes
16	5502	17	8.1	322	Yes
17	5500	16	7.1	468	Yes
18	5510	17	7.6	255	Yes
19	5500	16	6.8	423	Yes
20	5498	16	6.2	456	Yes
21	5509	17	7.9	351	Yes
22	5506	18	9	411	Yes
23	5494	17	7.5	279	Yes
24	5492	16	6	431	Yes
25	5494	17	8.7	324	Yes
26	5504	17	7.5	419	Yes
27	5492	16	6.5	447	Yes
28	5508	16	6.3	481	Yes
29	5508	16	6.2	438	Yes
30	5497	16	6.7	270	No
					Detection Rate: 90 %

802.11ac (VHT20)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5504	12	12.5	467	Yes
2	5501	15	17.2	304	Yes
3	5495	15	17.8	316	Yes
4	5508	16	18.5	439	Yes
5	5502	13	13.1	420	Yes
6	5510	12	11.3	249	Yes
7	5505	16	18.8	463	Yes
8	5497	14	15.3	258	Yes
9	5495	14	15.1	212	Yes
10	5494	15	16.9	236	No
11	5496	12	11.2	474	Yes
12	5494	12	11.7	461	Yes
13	5497	13	14.4	437	Yes
14	5510	16	18.9	287	Yes
15	5506	16	19.9	395	Yes
16	5506	14	15.7	322	Yes
17	5510	13	13.4	468	Yes
18	5498	13	14.5	255	Yes
19	5501	13	12.9	423	Yes
20	5493	12	11.5	456	Yes
21	5507	14	15.3	351	Yes
22	5509	15	17.8	411	Yes
23	5499	13	14.3	279	Yes
24	5493	12	11.1	431	Yes
25	5510	15	17	324	Yes
26	5501	13	14.5	419	Yes
27	5494	12	12.1	447	Yes
28	5504	12	11.7	481	Yes
29	5509	12	11.6	438	Yes
30	5495	12	12.7	270	Yes
					Detection Rate: 96.67 %

802.11ac (VHT20)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	11	5500.0	LP_Signal_01	Yes
2	19	5500.0	LP_Signal_02	Yes
3	16	5500.0	LP_Signal_03	Yes
4	8	5500.0	LP_Signal_04	Yes
5	11	5500.0	LP_Signal_05	Yes
6	8	5500.0	LP_Signal_06	Yes
7	9	5500.0	LP_Signal_07	Yes
8	19	5500.0	LP_Signal_08	Yes
9	10	5500.0	LP_Signal_09	Yes
10	11	5500.0	LP_Signal_10	Yes
11	16	5497.4	LP_Signal_11	Yes
12	19	5498.6	LP_Signal_12	No
13	13	5496.2	LP_Signal_13	Yes
14	10	5495.0	LP_Signal_14	Yes
15	18	5498.2	LP_Signal_15	Yes
16	12	5495.8	LP_Signal_16	Yes
17	20	5499.0	LP_Signal_17	Yes
18	10	5495.0	LP_Signal_18	No
19	12	5495.8	LP_Signal_19	Yes
20	10	5495.0	LP_Signal_20	Yes
21	15	5503.0	LP_Signal_21	Yes
22	9	5505.4	LP_Signal_22	Yes
23	20	5501.0	LP_Signal_23	Yes
24	12	5504.2	LP_Signal_24	Yes
25	11	5504.6	LP_Signal_25	Yes
26	5	5507.0	LP_Signal_26	Yes
27	16	5502.6	LP_Signal_27	Yes
28	19	5501.4	LP_Signal_28	Yes
29	10	5505.0	LP_Signal_29	Yes
30	17	5502.2	LP_Signal_30	Yes
				Detection Rate: 93.33 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ac (VHT20)

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

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	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ac (VHT40)

Type 1 Radar Statistical Performances						
Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5502	15	1253	67	798	Yes
2	5523	16	1223	65	818	Yes
3	5518	4	1730	92	578	Yes
4	5525	11	1393	74	718	Yes
5	5504	22	1066	57	938	Yes
6	5497	7	1567	83	638	Yes
7	5526	2	1859	99	538	Yes
8	5499	8	1520	81	658	Yes
9	5501	1	1931	102	518	No
10	5494	19	1139	61	878	Yes
11	5528	21	1089	58	918	Yes
12	5522	23	326.2	18	3066	Yes
13	5506	9	1475	78	678	Yes
14	5493	5	1672	89	598	Yes
15	5491	6	1618	86	618	Yes
16	5491		1111	59	900	Yes
17	5504		1024	55	977	Yes
18	5514		625.8	34	1598	Yes
19	5492		730.5	39	1369	Yes
20	5496		1181	63	847	Yes
21	5502		400.6	22	2496	Yes
22	5501		529.4	28	1889	Yes
23	5503		347.6	19	2877	No
24	5524		641.4	34	1559	Yes
25	5514		508.9	27	1965	Yes
26	5523		345.4	19	2895	Yes
27	5525		580.7	31	1722	Yes
28	5498		786.8	42	1271	Yes
29	5498		808.4	43	1237	No
30	5496		517.1	28	1934	Yes
						Detection Rate: 90%

802.11ac (VHT40)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5499	24	1.7	174	Yes
2	5528	27	3.8	176	Yes
3	5493	28	4	161	No
4	5495	28	4.3	226	Yes
5	5512	24	1.9	193	Yes
6	5499	23	1.1	230	Yes
7	5493	29	4.5	198	Yes
8	5528	26	2.9	227	Yes
9	5512	26	2.8	171	Yes
10	5520	27	3.6	221	Yes
11	5509	23	1.1	180	Yes
12	5517	23	1.3	189	Yes
13	5508	25	2.5	204	Yes
14	5500	29	4.5	203	Yes
15	5527	29	5	170	Yes
16	5530	26	3.1	201	Yes
17	5518	24	2.1	218	Yes
18	5511	25	2.6	208	Yes
19	5527	24	1.8	223	Yes
20	5528	23	1.2	220	Yes
21	5491	26	2.9	224	Yes
22	5517	28	4	160	Yes
23	5500	25	2.5	209	Yes
24	5525	23	1	205	Yes
25	5501	27	3.7	151	Yes
26	5513	25	2.5	186	Yes
27	5520	23	1.5	190	Yes
28	5509	23	1.3	185	Yes
29	5494	23	1.2	175	Yes
30	5504	24	1.7	216	Yes
					Detection Rate: 96.67 %

802.11ac (VHT40)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5499	16	6.7	467	Yes
2	5521	18	8.8	304	Yes
3	5515	18	9	316	Yes
4	5495	18	9.3	439	Yes
5	5494	16	6.9	420	Yes
6	5505	16	6.1	249	Yes
7	5508	18	9.5	463	Yes
8	5515	17	7.9	258	Yes
9	5513	17	7.8	212	Yes
10	5511	17	8.6	236	Yes
11	5526	16	6.1	474	Yes
12	5500	16	6.3	461	Yes
13	5494	17	7.5	437	Yes
14	5517	18	9.5	287	Yes
15	5522	18	10	395	Yes
16	5527	17	8.1	322	Yes
17	5507	16	7.1	468	Yes
18	5501	17	7.6	255	Yes
19	5524	16	6.8	423	No
20	5529	16	6.2	456	Yes
21	5503	17	7.9	351	Yes
22	5500	18	9	411	Yes
23	5516	17	7.5	279	Yes
24	5493	16	6	431	Yes
25	5497	17	8.7	324	Yes
26	5529	17	7.5	419	Yes
27	5518	16	6.5	447	Yes
28	5500	16	6.3	481	Yes
29	5496	16	6.2	438	Yes
30	5521	16	6.7	270	Yes
					Detection Rate: 96.67 %

802.11ac (VHT40)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5520	12	12.5	467	Yes
2	5511	15	17.2	304	Yes
3	5500	15	17.8	316	Yes
4	5511	16	18.5	439	Yes
5	5499	13	13.1	420	Yes
6	5495	12	11.3	249	Yes
7	5492	16	18.8	463	Yes
8	5503	14	15.3	258	Yes
9	5512	14	15.1	212	Yes
10	5508	15	16.9	236	Yes
11	5511	12	11.2	474	Yes
12	5527	12	11.7	461	Yes
13	5524	13	14.4	437	Yes
14	5507	16	18.9	287	Yes
15	5498	16	19.9	395	Yes
16	5527	14	15.7	322	Yes
17	5499	13	13.4	468	Yes
18	5505	13	14.5	255	Yes
19	5520	13	12.9	423	Yes
20	5514	12	11.5	456	Yes
21	5521	14	15.3	351	Yes
22	5494	15	17.8	411	Yes
23	5505	13	14.3	279	Yes
24	5494	12	11.1	431	Yes
25	5494	15	17	324	Yes
26	5505	13	14.5	419	Yes
27	5492	12	12.1	447	Yes
28	5494	12	11.7	481	Yes
29	5490	12	11.6	438	Yes
30	5505	12	12.7	270	Yes
					Detection Rate: 100 %

802.11ac (VHT40)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	6	5510.0	LP_Signal_01	Yes
2	20	5510.0	LP_Signal_02	Yes
3	19	5510.0	LP_Signal_03	Yes
4	18	5510.0	LP_Signal_04	Yes
5	10	5510.0	LP_Signal_05	Yes
6	18	5510.0	LP_Signal_06	Yes
7	10	5510.0	LP_Signal_07	Yes
8	16	5510.0	LP_Signal_08	Yes
9	7	5510.0	LP_Signal_09	Yes
10	16	5510.0	LP_Signal_10	Yes
11	16	5497.9	LP_Signal_11	Yes
12	19	5499.1	LP_Signal_12	Yes
13	13	5496.7	LP_Signal_13	Yes
14	10	5495.5	LP_Signal_14	Yes
15	18	5498.7	LP_Signal_15	Yes
16	12	5496.3	LP_Signal_16	Yes
17	20	5499.5	LP_Signal_17	Yes
18	10	5495.5	LP_Signal_18	Yes
19	12	5496.3	LP_Signal_19	Yes
20	10	5495.5	LP_Signal_20	Yes
21	15	5522.5	LP_Signal_21	Yes
22	9	5524.9	LP_Signal_22	Yes
23	20	5520.5	LP_Signal_23	Yes
24	12	5523.7	LP_Signal_24	Yes
25	11	5524.1	LP_Signal_25	Yes
26	5	5526.5	LP_Signal_26	No
27	16	5522.1	LP_Signal_27	Yes
28	19	5520.9	LP_Signal_28	Yes
29	10	5524.5	LP_Signal_29	Yes
30	17	5521.7	LP_Signal_30	Yes
				Detection Rate: 96.67 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ac (VHT40)

Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

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	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ac (VHT80)

Type 1 Radar Statistical Performances						
Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (Pulse per seconds)	Pulses per Burst	Pulse Repetition Interval (microseconds)	Detection
1	5542	15	1253	67	798	Yes
2	5513	16	1223	65	818	Yes
3	5539	4	1730	92	578	Yes
4	5534	11	1393	74	718	Yes
5	5529	22	1066	57	938	Yes
6	5528	7	1567	83	638	Yes
7	5498	2	1859	99	538	Yes
8	5522	8	1520	81	658	Yes
9	5493	1	1931	102	518	Yes
10	5501	19	1139	61	878	Yes
11	5502	21	1089	58	918	Yes
12	5562	23	326.2	18	3066	Yes
13	5557	9	1475	78	678	Yes
14	5515	5	1672	89	598	Yes
15	5546	6	1618	86	618	Yes
16	5511		1111	59	900	Yes
17	5508		1024	55	977	Yes
18	5506		625.8	34	1598	Yes
19	5504		730.5	39	1369	Yes
20	5544		1181	63	847	Yes
21	5500		400.6	22	2496	Yes
22	5509		529.4	28	1889	Yes
23	5559		347.6	19	2877	Yes
24	5554		641.4	34	1559	Yes
25	5526		508.9	27	1965	Yes
26	5565		345.4	19	2895	Yes
27	5499		580.7	31	1722	Yes
28	5541		786.8	42	1271	Yes
29	5558		808.4	43	1237	Yes
30	5533		517.1	28	1934	Yes
						Detection Rate: 100 %

802.11ac (VHT80)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5567	24	1.7	174	Yes
2	5530	27	3.8	176	Yes
3	5527	28	4	161	Yes
4	5544	28	4.3	226	Yes
5	5531	24	1.9	193	Yes
6	5534	23	1.1	230	Yes
7	5498	29	4.5	198	Yes
8	5501	26	2.9	227	Yes
9	5500	26	2.8	171	Yes
10	5516	27	3.6	221	Yes
11	5568	23	1.1	180	Yes
12	5560	23	1.3	189	Yes
13	5506	25	2.5	204	Yes
14	5546	29	4.5	203	Yes
15	5557	29	5	170	Yes
16	5502	26	3.1	201	Yes
17	5529	24	2.1	218	Yes
18	5562	25	2.6	208	Yes
19	5548	24	1.8	223	Yes
20	5511	23	1.2	220	Yes
21	5558	26	2.9	224	Yes
22	5499	28	4	160	Yes
23	5553	25	2.5	209	Yes
24	5515	23	1	205	Yes
25	5536	27	3.7	151	Yes
26	5505	25	2.5	186	Yes
27	5524	23	1.5	190	Yes
28	5519	23	1.3	185	Yes
29	5520	23	1.2	175	Yes
30	5503	24	1.7	216	Yes
					Detection Rate: 100 %

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Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5494	16	6.7	467	Yes
2	5493	18	8.8	304	Yes
3	5520	18	9	316	Yes
4	5561	18	9.3	439	Yes
5	5559	16	6.9	420	Yes
6	5532	16	6.1	249	Yes
7	5499	18	9.5	463	Yes
8	5527	17	7.9	258	Yes
9	5500	17	7.8	212	Yes
10	5518	17	8.6	236	Yes
11	5526	16	6.1	474	Yes
12	5514	16	6.3	461	Yes
13	5539	17	7.5	437	Yes
14	5556	18	9.5	287	Yes
15	5564	18	10	395	Yes
16	5504	17	8.1	322	Yes
17	5542	16	7.1	468	Yes
18	5508	17	7.6	255	Yes
19	5544	16	6.8	423	Yes
20	5545	16	6.2	456	Yes
21	5502	17	7.9	351	Yes
22	5492	18	9	411	Yes
23	5497	17	7.5	279	Yes
24	5550	16	6	431	Yes
25	5506	17	8.7	324	Yes
26	5567	17	7.5	419	Yes
27	5557	16	6.5	447	Yes
28	5565	16	6.3	481	Yes
29	5525	16	6.2	438	Yes
30	5549	16	6.7	270	Yes
					Detection Rate: 100 %

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Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5497	12	12.5	467	Yes
2	5529	15	17.2	304	Yes
3	5566	15	17.8	316	Yes
4	5538	16	18.5	439	Yes
5	5558	13	13.1	420	Yes
6	5565	12	11.3	249	Yes
7	5568	16	18.8	463	Yes
8	5526	14	15.3	258	Yes
9	5527	14	15.1	212	Yes
10	5561	15	16.9	236	Yes
11	5540	12	11.2	474	Yes
12	5520	12	11.7	461	Yes
13	5516	13	14.4	437	Yes
14	5567	16	18.9	287	Yes
15	5508	16	19.9	395	Yes
16	5555	14	15.7	322	Yes
17	5553	13	13.4	468	Yes
18	5507	13	14.5	255	Yes
19	5510	13	12.9	423	Yes
20	5511	12	11.5	456	Yes
21	5512	14	15.3	351	Yes
22	5550	15	17.8	411	Yes
23	5517	13	14.3	279	Yes
24	5515	12	11.1	431	Yes
25	5494	15	17	324	Yes
26	5514	13	14.5	419	Yes
27	5534	12	12.1	447	Yes
28	5506	12	11.7	481	Yes
29	5560	12	11.6	438	Yes
30	5518	12	12.7	270	Yes
					Detection Rate: 100%

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Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	20	5530.0	LP_Signal_01	Yes
2	11	5530.0	LP_Signal_02	Yes
3	20	5530.0	LP_Signal_03	Yes
4	19	5530.0	LP_Signal_04	Yes
5	20	5530.0	LP_Signal_05	Yes
6	14	5530.0	LP_Signal_06	Yes
7	16	5530.0	LP_Signal_07	Yes
8	9	5530.0	LP_Signal_08	Yes
9	6	5530.0	LP_Signal_09	Yes
10	6	5530.0	LP_Signal_10	Yes
11	16	5498.2	LP_Signal_11	Yes
12	19	5499.4	LP_Signal_12	Yes
13	13	5497.0	LP_Signal_13	Yes
14	10	5495.8	LP_Signal_14	Yes
15	18	5499.0	LP_Signal_15	Yes
16	12	5496.6	LP_Signal_16	Yes
17	20	5499.8	LP_Signal_17	Yes
18	10	5495.8	LP_Signal_18	Yes
19	12	5496.6	LP_Signal_19	Yes
20	10	5495.8	LP_Signal_20	Yes
21	15	5562.3	LP_Signal_21	Yes
22	9	5564.7	LP_Signal_22	Yes
23	20	5560.3	LP_Signal_23	Yes
24	12	5563.5	LP_Signal_24	Yes
25	11	5563.9	LP_Signal_25	Yes
26	5	5566.3	LP_Signal_26	Yes
27	16	5561.9	LP_Signal_27	Yes
28	19	5560.7	LP_Signal_28	Yes
29	10	5564.3	LP_Signal_29	Yes
30	17	5561.5	LP_Signal_30	Yes
				Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

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Type 6 Radar Statistical Performances				
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	9	1	333.3	Yes
2	9	1	333.3	Yes
3	9	1	333.3	Yes
4	9	1	333.3	Yes
5	9	1	333.3	Yes
6	9	1	333.3	Yes
7	9	1	333.3	Yes
8	9	1	333.3	Yes
9	9	1	333.3	Yes
10	9	1	333.3	Yes
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	Yes
14	9	1	333.3	Yes
15	9	1	333.3	Yes
16	9	1	333.3	Yes
17	9	1	333.3	Yes
18	9	1	333.3	Yes
19	9	1	333.3	Yes
20	9	1	333.3	Yes
21	9	1	333.3	Yes
22	9	1	333.3	Yes
23	9	1	333.3	Yes
24	9	1	333.3	Yes
25	9	1	333.3	Yes
26	9	1	333.3	Yes
27	9	1	333.3	Yes
28	9	1	333.3	Yes
29	9	1	333.3	Yes
30	9	1	333.3	Yes
				Detection Rate: 100 %

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Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	Yes
19	HOP_FREQ_SEQ_19	Yes
20	HOP_FREQ_SEQ_20	Yes
21	HOP_FREQ_SEQ_21	Yes
22	HOP_FREQ_SEQ_22	Yes
23	HOP_FREQ_SEQ_23	Yes
24	HOP_FREQ_SEQ_24	Yes
25	HOP_FREQ_SEQ_25	Yes
26	HOP_FREQ_SEQ_26	Yes
27	HOP_FREQ_SEQ_27	Yes
28	HOP_FREQ_SEQ_28	Yes
29	HOP_FREQ_SEQ_29	Yes
30	HOP_FREQ_SEQ_30	Yes
		Detection Rate: 100 %

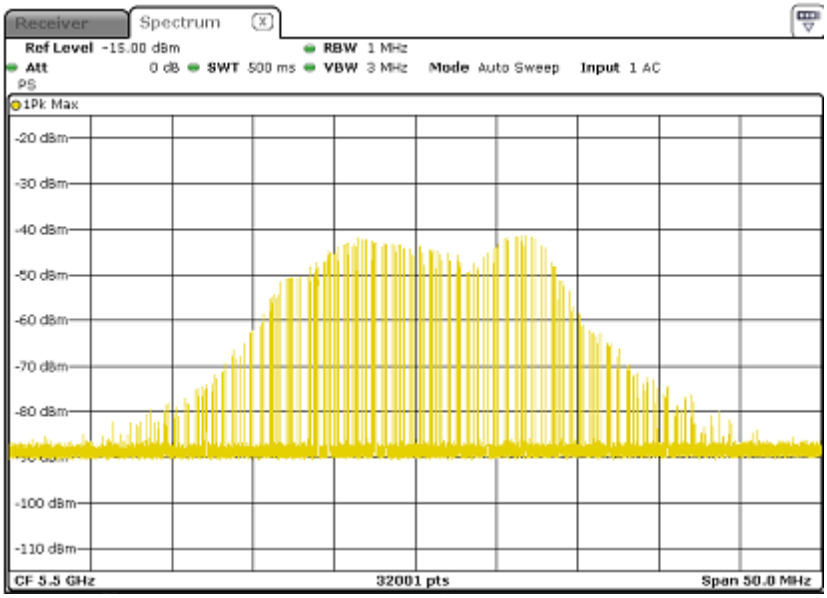
The Frequency Hopping Radar pattern shown in Appendix A.2

6.2.5 Non-Occupancy Period

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

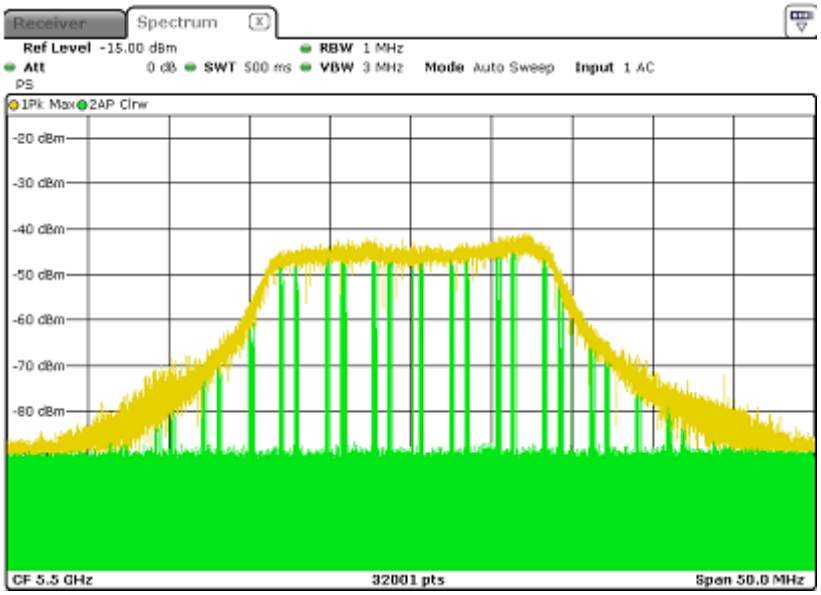
1) EUT (Master) links with client on 5500MHz.

Waveform of EUT links up with Master



2) Client plays specified files via master.

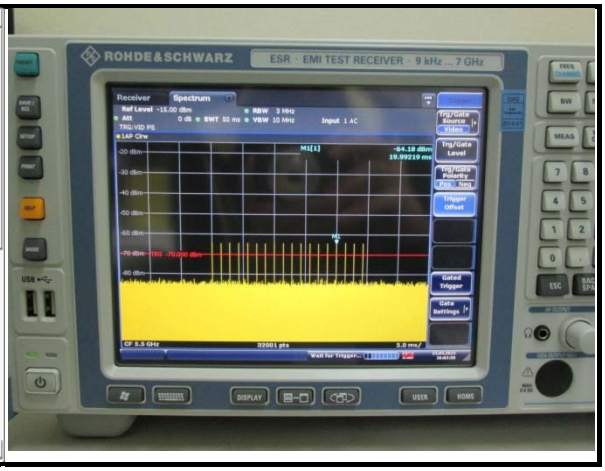
Waveform of transmission



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

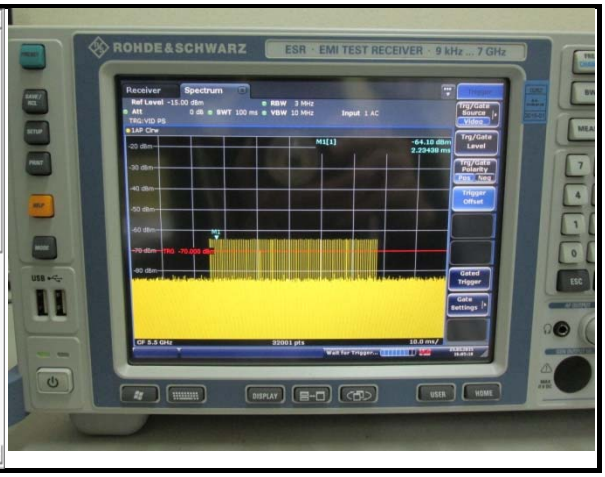
Radar 0

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 0	1.0	1428.0	18	25704.0
Download	1	Type 0	1.0	1428.0	18	25704.0
Download	2	Type 0	1.0	1428.0	18	25704.0
Download	3	Type 0	1.0	1428.0	18	25704.0
Download	4	Type 0	1.0	1428.0	18	25704.0
Download	5	Type 0	1.0	1428.0	18	25704.0
Download	6	Type 0	1.0	1428.0	18	25704.0
Download	7	Type 0	1.0	1428.0	18	25704.0
Download	8	Type 0	1.0	1428.0	18	25704.0
Download	9	Type 0	1.0	1428.0	18	25704.0
Download	10	Type 0	1.0	1428.0	18	25704.0
Download	11	Type 0	1.0	1428.0	18	25704.0
Download	12	Type 0	1.0	1428.0	18	25704.0
Download	13	Type 0	1.0	1428.0	18	25704.0
Download	14	Type 0	1.0	1428.0	18	25704.0
Download	15	Type 0	1.0	1428.0	18	25704.0



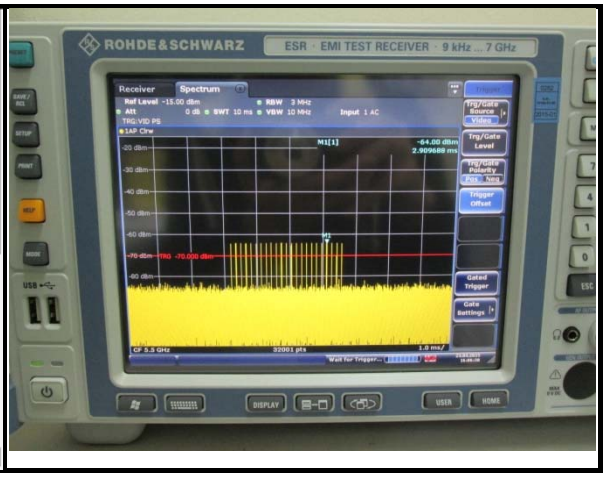
Radar 1

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	678.0	78	52884.0
Download	1	Type 1	1.0	858.0	62	53196.0
Download	2	Type 1	1.0	738.0	72	53136.0
Download	3	Type 1	1.0	878.0	61	53558.0
Download	4	Type 1	1.0	938.0	57	53466.0
Download	5	Type 1	1.0	918.0	58	53244.0
Download	6	Type 1	1.0	538.0	99	53262.0
Download	7	Type 1	1.0	618.0	86	53148.0
Download	8	Type 1	1.0	798.0	67	53466.0
Download	9	Type 1	1.0	898.0	59	52982.0
Download	10	Type 1	1.0	518.0	102	52836.0
Download	11	Type 1	1.0	718.0	74	53132.0
Download	12	Type 1	1.0	3066.0	18	55188.0
Download	13	Type 1	1.0	598.0	89	52222.0
Download	14	Type 1	1.0	838.0	63	52794.0
Download	15	Type 1	1.0	2846.0	19	54074.0



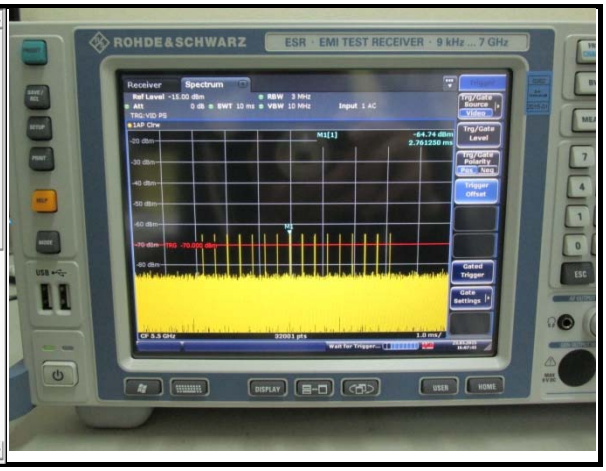
Radar 2

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	1.3	200.0	23	4600.0
Download	1	Type 2	2.3	173.0	25	4325.0
Download	2	Type 2	4.9	158.0	29	4582.0
Download	3	Type 2	1.5	190.0	24	4560.0
Download	4	Type 2	1.6	219.0	24	5256.0
Download	5	Type 2	2.4	183.0	25	4575.0
Download	6	Type 2	5.0	171.0	29	4959.0
Download	7	Type 2	4.5	194.0	29	5626.0
Download	8	Type 2	3.6	160.0	27	4320.0
Download	9	Type 2	2.7	166.0	26	4316.0
Download	10	Type 2	2.8	202.0	26	5252.0
Download	11	Type 2	3.7	188.0	27	5076.0
Download	12	Type 2	1.9	184.0	24	4416.0
Download	13	Type 2	4.4	203.0	28	5684.0
Download	14	Type 2	3.3	205.0	26	5330.0
Download	15	Type 2	1.5	189.0	23	4347.0



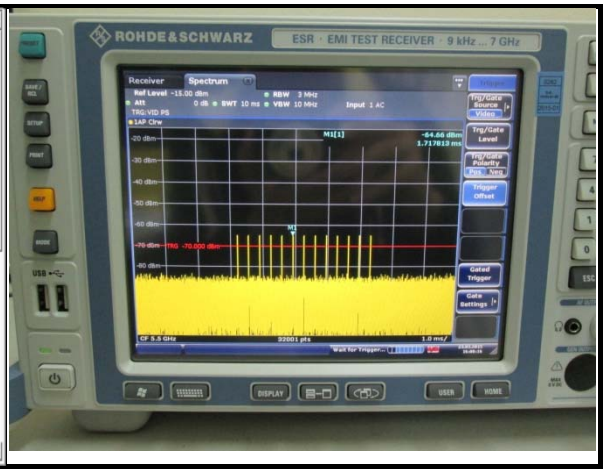
Radar 3

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.2	355.0	17	6035.0
Download	1	Type 3	6.1	487.0	16	7792.0
Download	2	Type 3	7.1	344.0	16	5504.0
Download	3	Type 3	9.8	288.0	18	5184.0
Download	4	Type 3	8.9	230.0	18	4140.0
Download	5	Type 3	7.9	432.0	17	7344.0
Download	6	Type 3	8.2	207.0	17	3519.0
Download	7	Type 3	7.5	443.0	17	7531.0
Download	8	Type 3	8.1	439.0	17	7463.0
Download	9	Type 3	6.2	223.0	16	3568.0
Download	10	Type 3	8.9	208.0	18	3744.0
Download	11	Type 3	9.6	463.0	18	8334.0
Download	12	Type 3	8.2	441.0	17	7497.0
Download	13	Type 3	7.2	323.0	16	5168.0
Download	14	Type 3	9.5	297.0	18	5346.0
Download	15	Type 3	8.0	412.0	17	7004.0
Download	16	Type 3	10.0	394.0	16	6304.0



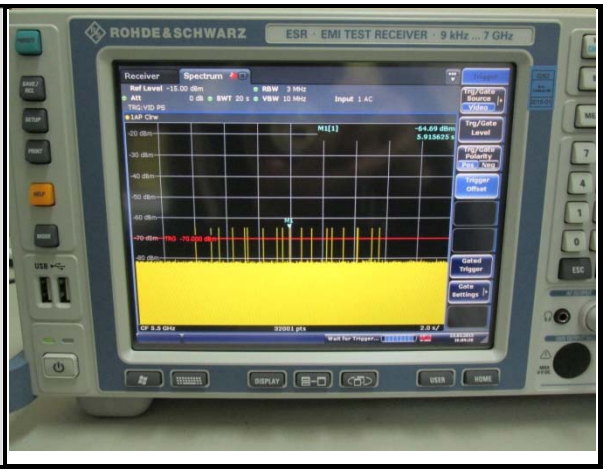
Radar 4

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	16.0	355.0	14	4970.0
Download	1	Type 4	11.3	487.0	12	5844.0
Download	2	Type 4	13.5	344.0	13	4472.0
Download	3	Type 4	19.4	288.0	16	4608.0
Download	4	Type 4	17.5	230.0	15	3450.0
Download	5	Type 4	15.3	432.0	14	6048.0
Download	6	Type 4	15.9	207.0	14	2898.0
Download	7	Type 4	14.3	443.0	13	5759.0
Download	8	Type 4	15.8	439.0	14	6146.0
Download	9	Type 4	11.5	223.0	12	2676.0
Download	10	Type 4	17.4	208.0	15	3120.0
Download	11	Type 4	19.0	463.0	16	7408.0
Download	12	Type 4	16.0	441.0	14	6174.0
Download	13	Type 4	13.8	323.0	13	4199.0
Download	14	Type 4	18.9	297.0	16	4752.0
Download	15	Type 4	15.5	412.0	14	5768.0
Download	16	Type 4	10.0	394.0	16	6304.0



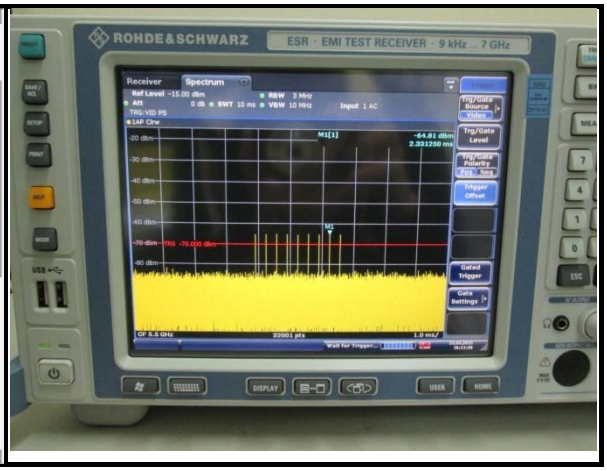
Radar 5

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)			
Download	8	Type 5	18	0.6666667	12.0000000	5.500000000			
	Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
	0	345314.0	89.2	17	3	1760.0	1358.0	1593.0	
	1	506226.0	94.4	17	3	1000.0	1202.0	1924.0	
	2	4480.0	56.9	17	1	1529.0	-	-	
	3	164774.0	90.6	17	3	1956.0	1943.0	1734.0	
	4	327342.0	52.9	17	1	1066.0	-	-	
	5	486956.0	66.7	17	2	1618.0	1920.0	-	
	6	646662.0	99.1	17	3	1190.0	1672.0	1826.0	
	7	145407.0	98.9	17	3	1357.0	1305.0	1156.0	
	8	306271.0	75.5	17	2	1936.0	1699.0	-	
	9	467690.0	82.9	17	2	1704.0	1061.0	-	
	10	627431.0	94.5	17	3	1287.0	1333.0	1492.0	
	11	125722.0	72.1	17	2	1722.0	1570.0	-	
	12	286499.0	96.8	17	3	1245.0	1027.0	1280.0	
	13	448457.0	51.6	17	1	1875.0	-	-	
	14	610372.0	53.0	17	1	1131.0	-	-	
	15	105717.0	96.2	17	3	1825.0	1170.0	1470.0	
	16	266622.0	80.7	17	2	1869.0	1850.0	-	
	17	428794.0	60.6	17	1	1569.0	-	-	
Download	9	Type 5	18	0.6666667	12.0000000	5.500000000			
Download	10	Type 5	10	1.2000000	12.0000000	5.494200000			
Download	11	Type 5	13	0.9230769	12.0000000	5.495000000			



Radar 6

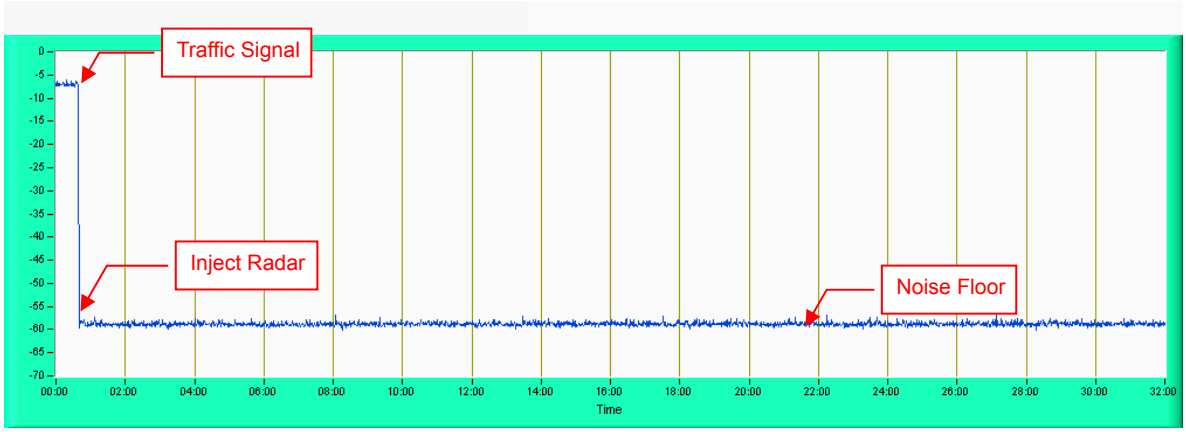
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	7	Type 6	1.0	333.3	9	0.3333	300.0000000	6
		Frequency List (MHz)	0	1	2	3	4	
		0	5530	5587	5361	5310	5480	
		5	5525	5598	5685	5500	5410	
		10	5523	5553	5676	5290	5260	
		15	5568	5383	5445	5603	5471	
		20	5498	5514	5690	5638	5697	
		25	5431	5583	5280	5404	5482	
		30	5451	5661	5670	5646	5354	
		35	5642	5331	5633	5594	5267	
		40	5301	5640	5369	5559	5622	
		45	5277	5391	5507	5396	5502	
		50	5552	5494	5271	5650	5620	
		55	5363	5719	5545	5338	5299	
		60	5564	5628	5268	5684	5608	
		65	5283	5343	5584	5572	5673	
		70	5683	5517	5492	5381	5266	
		75	5292	5387	5326	5706	5627	
		80	5682	5262	5367	5276	5716	
		85	5270	5511	5428	5458	5359	
		90	5351	5600	5285	5394	5571	
		95	5400	5265	5327	5643	5313	
Download	8	Type 6	1.0	333.3	9	0.3333	300.0000000	5
Download	9	Type 6	1.0	333.3	9	0.3333	300.0000000	1



4) 5300MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11ac VHT80



NOTE: Test setup are shown on Test setup photo.pdf

6.2.6 Uniform Spreading

The intention of the uniform spreading is to provide, on aggregate, a uniform loading of the spectrum. The EUT randomly select next output channel without any bias or fixed pattern, so that all channels in DFS bands (5250 to 5350MHz and 5470 to 5725 MHz) will be used equally.

7. Information of 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 FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

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

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Tel: 886-2-26052180
Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab
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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

RADAR TEST SIGNAL

A.1 The Long Pulse Radar Pattern

802.11ac (VHT20)

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_01

Number of Bursts in Trial: 15

Chrip Center Frequency 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	11	77.8	1665.0	1477.0	-
2	1	11	51.9	1074.0	-	-
3	1	11	63.8	1584.0	-	-
4	3	11	96.6	1682.0	1786.0	1843.0
5	3	11	85.9	1795.0	1215.0	1729.0
6	2	11	73.7	1198.0	1549.0	-
7	2	11	77.2	1837.0	1819.0	-
8	2	11	68.4	1587.0	1114.0	-
9	2	11	76.7	2000.0	1155.0	-
10	1	11	53.2	1147.0	-	-
11	3	11	85.7	1433.0	1695.0	1394.0
12	3	11	94.3	1670.0	1426.0	1935.0
13	2	11	77.6	1294.0	1671.0	-
14	1	11	65.7	1512.0	-	-
15	3	11	93.5	1444.0	1130.0	1468.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_02

Number of Bursts in Trial: 8

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	19	75.0	1880.0	1527.0	-
2	3	19	99.4	1401.0	1262.0	1257.0
3	2	19	67.4	1531.0	1403.0	-
4	2	19	73.6	1449.0	1041.0	-
5	1	19	65.9	1432.0	-	-
6	3	19	83.8	1356.0	1292.0	1419.0
7	1	19	65.5	1543.0	-	-
8	3	19	98.6	1548.0	1796.0	1728.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_03

Number of Bursts in Trial: 11

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	73.8	1806.0	1538.0	-
2	2	16	69.5	1117.0	1649.0	-
3	1	16	51.9	1651.0	-	-
4	3	16	84.6	1976.0	1032.0	1271.0
5	3	16	95.4	1060.0	1903.0	1388.0
6	2	16	68.0	1368.0	1351.0	-
7	3	16	89.6	1338.0	1514.0	1573.0
8	2	16	81.9	1022.0	1689.0	-
9	3	16	88.3	1810.0	1330.0	1838.0
10	1	16	53.7	1597.0	-	-
11	3	16	91.3	1961.0	1106.0	1001.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_04

Number of Bursts in Trial: 20

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	8	68.1	1339.0	1355.0	-
2	1	8	58.7	1251.0	-	-
3	2	8	75.3	1136.0	1640.0	-
4	1	8	56.4	1753.0	-	-
5	3	8	99.7	1196.0	1708.0	1159.0
6	1	8	57.7	1013.0	-	-
7	1	8	59.5	1072.0	-	-
8	2	8	80.0	1482.0	1369.0	-
9	2	8	82.0	1993.0	1197.0	-
10	2	8	82.8	1883.0	1005.0	-
11	3	8	88.0	1061.0	1928.0	1101.0
12	3	8	93.2	1207.0	1907.0	1223.0
13	2	8	70.4	1526.0	1360.0	-
14	3	8	95.3	1171.0	1955.0	1775.0
15	2	8	81.9	1690.0	1545.0	-
16	3	8	98.5	1975.0	1169.0	1062.0
17	1	8	65.0	1767.0	-	-
18	3	8	85.4	1011.0	1637.0	1425.0
19	3	8	91.6	1878.0	1445.0	1325.0
20	2	8	67.3	1091.0	1218.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_05

Number of Bursts in Trial: 17

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	11	67.9	1320.0	1133.0	-
2	1	11	62.3	1957.0	-	-
3	1	11	53.3	1592.0	-	-
4	3	11	90.0	1900.0	1153.0	1346.0
5	2	11	77.1	1166.0	1646.0	-
6	3	11	83.9	1278.0	1232.0	1459.0
7	3	11	89.1	1240.0	1384.0	1939.0
8	2	11	81.8	1833.0	1676.0	-
9	1	11	50.3	1075.0	-	-
10	3	11	87.1	1116.0	1996.0	1756.0
11	2	11	71.3	1225.0	1815.0	-
12	3	11	97.5	1884.0	1465.0	1132.0
13	3	11	90.6	1561.0	1040.0	1354.0
14	3	11	86.3	1596.0	1183.0	1792.0
15	3	11	97.6	1365.0	1073.0	1361.0
16	3	11	84.7	1021.0	1718.0	1854.0
17	3	11	99.7	1150.0	1244.0	1988.0
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_06

Number of Bursts in Trial: 14

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	92.9	1085.0	1564.0	1407.0
2	2	8	67.7	1744.0	1747.0	-
3	1	8	65.8	1092.0	-	-
4	1	8	56.3	1851.0	-	-
5	1	8	53.7	1727.0	-	-
6	3	8	83.5	1679.0	1930.0	1025.0
7	1	8	65.8	1519.0	-	-
8	3	8	85.9	1134.0	1034.0	1808.0
9	2	8	76.3	1606.0	1926.0	-
10	2	8	81.5	1891.0	1714.0	-
11	3	8	89.4	1310.0	1594.0	1827.0
12	1	8	63.4	1568.0	-	-
13	2	8	69.6	1307.0	1925.0	-
14	2	8	74.5	1264.0	1846.0	-
15						
16						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 15

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	96.6	1182.0	1609.0	1581.0
2	3	9	96.7	1829.0	1799.0	1154.0
3	3	9	86.5	1923.0	1396.0	1865.0
4	2	9	73.3	1908.0	1318.0	-
5	1	9	55.8	1688.0	-	-
6	1	9	55.4	1145.0	-	-
7	3	9	85.3	1336.0	1504.0	1820.0
8	2	9	79.4	1344.0	1893.0	-
9	1	9	65.7	1476.0	-	-
10	2	9	68.6	1008.0	1028.0	-
11	2	9	77.7	1972.0	1835.0	-
12	2	9	79.6	1882.0	1331.0	-
13	3	9	94.9	1830.0	1070.0	1349.0
14	1	9	61.4	1451.0	-	-
15	3	9	90.6	1233.0	1562.0	1887.0
16						
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 12

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	19	52.6	1210.0	-	-
2	3	19	84.1	1314.0	1725.0	1529.0
3	3	19	97.7	1139.0	1868.0	1805.0
4	3	19	97.3	1341.0	1446.0	1755.0
5	3	19	98.8	1544.0	1386.0	1302.0
6	2	19	72.2	1771.0	1184.0	-
7	2	19	67.6	1175.0	1027.0	-
8	2	19	75.7	1026.0	1871.0	-
9	1	19	60.9	1798.0	-	-
10	1	19	64.2	1138.0	-	-
11	2	19	78.8	1784.0	1604.0	-
12	3	19	87.5	1511.0	1712.0	1683.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 14

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	54.1	1415.0	-	-
2	1	10	50.7	1221.0	-	-
3	1	10	52.3	1974.0	-	-
4	3	10	99.8	1558.0	1696.0	1949.0
5	2	10	68.4	1014.0	1099.0	-
6	2	10	80.8	1736.0	1505.0	-
7	1	10	62.5	1778.0	-	-
8	2	10	74.8	1149.0	1204.0	-
9	1	10	50.8	1049.0	-	-
10	1	10	54.0	1417.0	-	-
11	1	10	63.0	1730.0	-	-
12	3	10	91.8	1143.0	1270.0	1347.0
13	2	10	79.3	1274.0	1992.0	-
14	1	10	64.3	1937.0	-	-
15						
16						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_10

Number of Bursts in Trial: 8

Chrip Center Frequency: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	11	63.4	1043.0	-	-
2	1	11	52.0	1863.0	-	-
3	3	11	97.2	1973.0	1605.0	1583.0
4	2	11	78.7	1466.0	1743.0	-
5	2	11	74.2	1280.0	1219.0	-
6	3	11	88.7	1293.0	1934.0	1273.0
7	1	11	54.3	1991.0	-	-
8	3	11	95.4	1580.0	1555.0	1791.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 17

Chrip Center Frequency: 5497.4 MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	73.7	1208.0	1497.0	-
2	3	16	97.4	1942.0	1754.0	1613.0
3	3	16	91.7	1999.0	1702.0	1462.0
4	1	16	66.2	1393.0	-	-
5	2	16	70.8	1968.0	1821.0	-
6	1	16	52.3	1740.0	-	-
7	2	16	78.9	1308.0	1984.0	-
8	2	16	70.9	1050.0	1358.0	-
9	2	16	75.6	1437.0	1430.0	-
10	1	16	59.1	1697.0	-	-
11	2	16	77.0	1397.0	1304.0	-
12	2	16	67.9	1803.0	1083.0	-
13	2	16	81.2	1720.0	1932.0	-
14	2	16	78.7	1247.0	1121.0	-
15	1	16	63.3	1634.0	-	-
16	2	16	68.9	1849.0	1423.0	-
17	1	16	59.3	1093.0	-	-
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 19

Chrip Center Frequency: 5498.6 MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	98.9	1381.0	1680.0	1488.0
2	2	19	82.3	1716.0	1855.0	-
3	3	19	86.7	1211.0	1400.0	1919.0
4	3	19	89.7	1861.0	1068.0	1282.0
5	3	19	98.6	1507.0	1194.0	1461.0
6	2	19	71.1	1921.0	1789.0	-
7	1	19	55.9	1947.0	-	-
8	2	19	67.9	1350.0	1372.0	-
9	3	19	84.4	1203.0	1107.0	1443.0
10	1	19	58.8	1715.0	-	-
11	1	19	65.6	1017.0	-	-
12	2	19	78.5	1911.0	1704.0	-
13	2	19	82.3	1845.0	1686.0	-
14	3	19	90.1	1938.0	1071.0	1266.0
15	3	19	90.2	1989.0	1089.0	1950.0
16	2	19	83.1	1943.0	1406.0	-
17	1	19	58.8	1742.0	-	-
18	2	19	77.0	1187.0	1657.0	-
19	1	19	55.0	1012.0	-	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_13

Number of Bursts in Trial: 15

Chrip Center Frequency: 5496.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	13	58.1	1929.0	-	-
2	1	13	52.1	1910.0	-	-
3	1	13	59.9	1971.0	-	-
4	1	13	60.2	1812.0	-	-
5	3	13	95.9	1399.0	1906.0	1608.0
6	2	13	79.9	1626.0	1859.0	-
7	2	13	78.5	1238.0	1917.0	-
8	1	13	53.8	1763.0	-	-
9	1	13	64.7	1800.0	-	-
10	1	13	61.4	1390.0	-	-
11	2	13	83.2	1692.0	1858.0	-
12	3	13	84.7	1533.0	1677.0	1638.0
13	3	13	88.7	1703.0	1528.0	1058.0
14	2	13	78.3	1258.0	1951.0	-
15	2	13	69.3	1731.0	1717.0	-
16						
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	75.3	1994.0	1612.0	-
2	1	10	56.3	1456.0	-	-
3	2	10	67.7	1617.0	1185.0	-
4	1	10	55.6	1337.0	-	-
5	2	10	75.2	1421.0	1267.0	-
6	2	10	76.3	1359.0	1305.0	-
7	3	10	85.7	1547.0	1362.0	1924.0
8	3	10	98.4	1873.0	1550.0	1249.0
9	3	10	86.4	1779.0	1439.0	1046.0
10	3	10	93.6	1059.0	1031.0	1452.0
11	1	10	63.3	1328.0	-	-
12	3	10	92.4	1412.0	1673.0	1322.0
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14						
15						
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17						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 19

Chrip Center Frequency: 5498.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	93.3	1983.0	1912.0	1535.0
2	2	18	69.1	1102.0	1794.0	-
3	3	18	86.9	1044.0	1152.0	1148.0
4	3	18	84.9	1894.0	1948.0	1118.0
5	2	18	72.3	1094.0	1916.0	-
6	1	18	51.7	1447.0	-	-
7	1	18	58.3	1429.0	-	-
8	1	18	60.8	1979.0	-	-
9	1	18	57.1	1641.0	-	-
10	3	18	88.9	1886.0	1964.0	1489.0
11	2	18	72.0	1909.0	1297.0	-
12	3	18	90.9	1261.0	1566.0	1370.0
13	1	18	59.8	1552.0	-	-
14	2	18	70.0	1759.0	1291.0	-
15	2	18	67.2	1625.0	1881.0	-
16	3	18	91.2	1382.0	1832.0	1661.0
17	1	18	56.5	1483.0	-	-
18	1	18	51.2	1237.0	-	-
19	2	18	74.1	1471.0	1245.0	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 14

Chrip Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	76.9	1110.0	1140.0	-
2	1	12	50.2	1316.0	-	-
3	1	12	62.9	1520.0	-	-
4	1	12	64.7	1902.0	-	-
5	3	12	83.8	1410.0	1097.0	1621.0
6	1	12	65.4	1944.0	-	-
7	1	12	53.2	1024.0	-	-
8	1	12	51.7	1603.0	-	-
9	2	12	78.7	1804.0	1168.0	-
10	2	12	72.4	1030.0	1343.0	-
11	1	12	53.8	1327.0	-	-
12	2	12	73.6	1524.0	1553.0	-
13	2	12	66.7	1722.0	1122.0	-
14	2	12	82.5	1404.0	1019.0	-
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 20

Chrip Center Frequency: 5499.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	87.6	1565.0	1055.0	1840.0
2	3	20	85.2	1735.0	1541.0	1408.0
3	3	20	84.8	1534.0	1889.0	1463.0
4	2	20	77.9	1749.0	1460.0	-
5	2	20	76.5	1518.0	1485.0	-
6	1	20	60.9	1540.0	-	-
7	2	20	83.0	1080.0	1010.0	-
8	2	20	80.4	1824.0	1752.0	-
9	2	20	67.5	1764.0	1181.0	-
10	1	20	62.1	1495.0	-	-
11	3	20	86.4	1773.0	1966.0	1263.0
12	3	20	84.3	1593.0	1188.0	1788.0
13	2	20	76.9	1226.0	1537.0	-
14	3	20	95.8	1192.0	1298.0	1844.0
15	1	20	55.2	1644.0	-	-
16	1	20	59.0	1402.0	-	-
17	3	20	94.5	1296.0	1700.0	1283.0
18	3	20	91.9	1970.0	1978.0	1165.0
19	3	20	85.2	1732.0	1551.0	1189.0
20	2	20	69.5	1038.0	1224.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	86.4	1259.0	1918.0	1455.0
2	3	10	92.2	1598.0	1719.0	1895.0
3	2	10	80.4	1816.0	1899.0	-
4	1	10	54.3	1335.0	-	-
5	1	10	53.1	1303.0	-	-
6	2	10	69.4	1503.0	1546.0	-
7	2	10	69.1	1279.0	1639.0	-
8	3	10	100.0	1375.0	1438.0	1595.0
9	2	10	79.6	1239.0	1705.0	-
10	3	10	88.4	1374.0	1579.0	1623.0
11	1	10	53.3	1016.0	-	-
12	1	10	65.3	1709.0	-	-
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

Number of Bursts in Trial: 14

Chrip Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	55.3	1920.0	-	-
2	1	12	58.3	1797.0	-	-
3	2	12	72.3	1610.0	1039.0	-
4	3	12	84.8	1131.0	1761.0	1721.0
5	2	12	82.5	1875.0	1431.0	-
6	1	12	63.3	1095.0	-	-
7	2	12	80.0	1119.0	1913.0	-
8	3	12	90.3	1660.0	1853.0	1123.0
9	3	12	91.1	1539.0	1783.0	1172.0
10	3	12	96.6	1525.0	1036.0	1385.0
11	2	12	82.7	1710.0	1990.0	-
12	1	12	50.7	1234.0	-	-
13	2	12	78.4	1047.0	1109.0	-
14	3	12	99.5	1299.0	1965.0	1869.0
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Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 12
Chrip Center Frequency: 5495.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	88.6	1501.0	1067.0	1927.0
2	1	10	57.4	1723.0	-	-
3	3	10	96.6	1086.0	1658.0	1324.0
4	2	10	69.7	1751.0	1945.0	-
5	2	10	77.9	1642.0	1317.0	-
6	1	10	62.0	1866.0	-	-
7	3	10	88.4	1997.0	1077.0	1366.0
8	3	10	97.3	1790.0	1896.0	1367.0
9	3	10	96.2	1391.0	1787.0	1672.0
10	3	10	95.4	1020.0	1892.0	1414.0
11	1	10	54.8	1084.0	-	-
12	2	10	80.4	1850.0	1436.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 16

Chrip Center Frequency: 5503.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	74.7	1619.0	1611.0	-
2	1	15	57.1	1560.0	-	-
3	3	15	91.9	1392.0	1475.0	1276.0
4	2	15	83.1	1809.0	1772.0	-
5	1	15	50.7	1003.0	-	-
6	2	15	79.2	1574.0	1600.0	-
7	1	15	58.7	1186.0	-	-
8	2	15	71.0	1521.0	1567.0	-
9	2	15	79.0	1777.0	1960.0	-
10	2	15	68.5	1284.0	1428.0	-
11	2	15	73.5	1904.0	1352.0	-
12	2	15	70.5	1864.0	1115.0	-
13	2	15	76.6	1045.0	1300.0	-
14	2	15	81.2	1160.0	1675.0	-
15	1	15	61.8	1277.0	-	-
16	3	15	94.9	1450.0	1206.0	1860.0
17						
18						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5505.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	78.5	1653.0	1698.0	-
2	3	9	89.8	1174.0	1962.0	1167.0
3	1	9	59.4	1982.0	-	-
4	2	9	79.6	1633.0	1890.0	-
5	2	9	76.0	1112.0	1811.0	-
6	1	9	53.6	1144.0	-	-
7	2	9	80.9	1220.0	1053.0	-
8	1	9	61.6	1724.0	-	-
9	1	9	53.4	1901.0	-	-
10	1	9	59.9	1379.0	-	-
11	1	9	60.4	1453.0	-	-
12	3	9	91.4	1768.0	1726.0	1227.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

Number of Bursts in Trial: 20

Chrip Center Frequency: 5501.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	77.0	1191.0	1363.0	-
2	1	20	58.1	1248.0	-	-
3	1	20	62.1	1836.0	-	-
4	2	20	76.9	1334.0	1236.0	-
5	2	20	80.0	1914.0	1852.0	-
6	1	20	52.0	1701.0	-	-
7	3	20	88.6	1693.0	1995.0	1905.0
8	2	20	72.9	1922.0	1387.0	-
9	3	20	98.5	1839.0	1746.0	1389.0
10	1	20	57.9	1193.0	-	-
11	3	20	95.9	1659.0	1870.0	1066.0
12	1	20	53.5	1162.0	-	-
13	3	20	92.0	1745.0	1654.0	1458.0
14	1	20	57.3	1834.0	-	-
15	2	20	70.5	1684.0	1586.0	-
16	2	20	70.0	1042.0	1664.0	-
17	3	20	84.0	1765.0	1630.0	1176.0
18	2	20	76.1	1557.0	1057.0	-
19	3	20	93.2	1985.0	1018.0	1340.0
20	3	20	96.8	1760.0	1614.0	1817.0

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_24

Number of Bursts in Trial: 14

Chrip Center Frequency: 5504.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	50.1	1841.0	-	-
2	3	12	93.5	1590.0	1081.0	1413.0
3	2	12	68.8	1707.0	1577.0	-
4	1	12	56.3	1056.0	-	-
5	3	12	86.0	1953.0	1108.0	1987.0
6	2	12	75.2	1572.0	1536.0	-
7	1	12	54.4	1517.0	-	-
8	2	12	71.1	1329.0	1243.0	-
9	2	12	76.2	1940.0	1770.0	-
10	2	12	80.2	1098.0	1209.0	-
11	2	12	79.7	1588.0	1214.0	-
12	3	12	90.9	1615.0	1862.0	1601.0
13	2	12	68.7	1377.0	1441.0	-
14	2	12	67.4	1872.0	1313.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

Chrip Center Frequency: 5504.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	94.0	1643.0	1748.0	1941.0
2	2	11	70.8	1177.0	1201.0	-
3	1	11	56.3	1006.0	-	-
4	3	11	96.7	1230.0	1163.0	1332.0
5	3	11	90.6	1217.0	1582.0	1498.0
6	2	11	74.5	1569.0	1281.0	-
7	3	11	92.6	1065.0	1669.0	1222.0
8	3	11	89.0	1493.0	1135.0	1380.0
9	3	11	96.5	1607.0	1822.0	1602.0
10	2	11	70.5	1141.0	1178.0	-
11	3	11	94.0	1009.0	1629.0	1956.0
12	1	11	55.8	1290.0	-	-
13	3	11	87.7	1435.0	1963.0	1164.0
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_26

Number of Bursts in Trial: 8

Chrip Center Frequency: 5507.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	68.6	1306.0	1161.0	-
2	2	5	83.1	1420.0	1315.0	-
3	1	5	60.9	1687.0	-	-
4	2	5	77.7	1776.0	1158.0	-
5	2	5	77.4	1793.0	1510.0	-
6	2	5	66.8	1576.0	1323.0	-
7	1	5	63.7	1333.0	-	-
8	3	5	91.2	1409.0	1681.0	1275.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_27

Number of Bursts in Trial: 17

Chrip Center Frequency: 5502.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	83.6	1632.0	1195.0	1000.0
2	3	16	89.4	1173.0	1627.0	1656.0
3	1	16	55.8	1532.0	-	-
4	3	16	90.9	1981.0	1554.0	1998.0
5	1	16	54.7	1825.0	-	-
6	3	16	97.7	1734.0	1202.0	1250.0
7	2	16	67.5	1571.0	1434.0	-
8	3	16	96.7	1589.0	1469.0	1268.0
9	2	16	68.3	1750.0	1954.0	-
10	2	16	78.3	1591.0	1082.0	-
11	1	16	55.0	1427.0	-	-
12	3	16	84.9	1129.0	1936.0	1199.0
13	2	16	74.6	1959.0	1856.0	-
14	1	16	63.3	1885.0	-	-
15	3	16	99.8	1035.0	1515.0	1120.0
16	1	16	63.6	1647.0	-	-
17	3	16	87.3	1931.0	1051.0	1831.0
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_28

Number of Bursts in Trial: 19

Chrip Center Frequency: 5501.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	85.6	1946.0	1078.0	1015.0
2	2	19	68.6	1029.0	1780.0	-
3	1	19	54.2	1111.0	-	-
4	1	19	61.2	1104.0	-	-
5	3	19	97.1	1157.0	1969.0	1100.0
6	3	19	98.3	1142.0	1699.0	1622.0
7	1	19	62.4	1655.0	-	-
8	2	19	80.2	1126.0	1769.0	-
9	3	19	87.5	1216.0	1448.0	1179.0
10	3	19	85.8	1847.0	1348.0	1472.0
11	3	19	88.1	1023.0	1124.0	1631.0
12	1	19	65.3	1848.0	-	-
13	1	19	52.5	1470.0	-	-
14	1	19	52.3	1312.0	-	-
15	2	19	74.1	1915.0	1200.0	-
16	1	19	54.9	1479.0	-	-
17	2	19	76.2	1376.0	1502.0	-
18	1	19	60.4	1758.0	-	-
19	2	19	81.5	1491.0	1103.0	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_29

Number of Bursts in Trial: 12

Chrip Center Frequency: 5505.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	50.5	1857.0	-	-
2	1	10	55.7	1246.0	-	-
3	3	10	85.8	1774.0	1002.0	1967.0
4	2	10	76.9	1125.0	1474.0	-
5	2	10	75.1	1254.0	1052.0	-
6	3	10	92.3	1180.0	1486.0	1492.0
7	2	10	78.1	1301.0	1757.0	-
8	3	10	92.2	1898.0	1252.0	1713.0
9	3	10	89.0	1260.0	1706.0	1411.0
10	2	10	70.9	1578.0	1620.0	-
11	1	10	63.1	1782.0	-	-
12	1	10	55.3	1522.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5502.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	83.4	1454.0	1205.0	1801.0
2	3	17	97.3	1319.0	1826.0	1635.0
3	3	17	90.4	1079.0	1986.0	1674.0
4	3	17	91.8	1563.0	1151.0	1802.0
5	3	17	98.2	1876.0	1977.0	1766.0
6	1	17	59.5	1952.0	-	-
7	2	17	80.0	1253.0	1137.0	-
8	3	17	86.5	1054.0	1128.0	1828.0
9	3	17	91.1	1105.0	1599.0	1442.0
10	3	17	93.5	1867.0	1373.0	1087.0
11	1	17	60.7	1033.0	-	-
12	2	17	67.2	1288.0	1405.0	-
13	1	17	61.8	1585.0	-	-
14	2	17	79.4	1933.0	1667.0	-
15	2	17	81.4	1096.0	1464.0	-
16	1	17	65.7	1496.0	-	-
17	2	17	76.0	1733.0	1255.0	-
18	2	17	81.0	1326.0	1668.0	-
19						
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802.11ac (VHT40)

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 15
Chrip Center Frequency 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	6	77.8	1665.0	1477.0	-
2	1	6	51.9	1074.0	-	-
3	1	6	63.8	1584.0	-	-
4	3	6	96.6	1682.0	1786.0	1843.0
5	3	6	85.9	1795.0	1215.0	1729.0
6	2	6	73.7	1198.0	1549.0	-
7	2	6	77.2	1837.0	1819.0	-
8	2	6	68.4	1587.0	1114.0	-
9	2	6	76.7	2000.0	1155.0	-
10	1	6	53.2	1147.0	-	-
11	3	6	85.7	1433.0	1695.0	1394.0
12	3	6	94.3	1670.0	1426.0	1935.0
13	2	6	77.6	1294.0	1671.0	-
14	1	6	65.7	1512.0	-	-
15	3	6	93.5	1444.0	1130.0	1468.0
16						
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_02

Number of Bursts in Trial: 8

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	75.0	1880.0	1527.0	-
2	3	20	99.4	1401.0	1262.0	1257.0
3	2	20	67.4	1531.0	1403.0	-
4	2	20	73.6	1449.0	1041.0	-
5	1	20	65.9	1432.0	-	-
6	3	20	83.8	1356.0	1292.0	1419.0
7	1	20	65.5	1543.0	-	-
8	3	20	98.6	1548.0	1796.0	1728.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_03

Number of Bursts in Trial: 11

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	19	73.8	1806.0	1538.0	-
2	2	19	69.5	1117.0	1649.0	-
3	1	19	51.9	1651.0	-	-
4	3	19	84.6	1976.0	1032.0	1271.0
5	3	19	95.4	1060.0	1903.0	1388.0
6	2	19	68.0	1368.0	1351.0	-
7	3	19	89.6	1338.0	1514.0	1573.0
8	2	19	81.9	1022.0	1689.0	-
9	3	19	88.3	1810.0	1330.0	1838.0
10	1	19	53.7	1597.0	-	-
11	3	19	91.3	1961.0	1106.0	1001.0
12						
13						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_04

Number of Bursts in Trial: 20

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	18	68.1	1339.0	1355.0	-
2	1	18	58.7	1251.0	-	-
3	2	18	75.3	1136.0	1640.0	-
4	1	18	56.4	1753.0	-	-
5	3	18	99.7	1196.0	1708.0	1159.0
6	1	18	57.7	1013.0	-	-
7	1	18	59.5	1072.0	-	-
8	2	18	80.0	1482.0	1369.0	-
9	2	18	82.0	1993.0	1197.0	-
10	2	18	82.8	1883.0	1005.0	-
11	3	18	88.0	1061.0	1928.0	1101.0
12	3	18	93.2	1207.0	1907.0	1223.0
13	2	18	70.4	1526.0	1360.0	-
14	3	18	95.3	1171.0	1955.0	1775.0
15	2	18	81.9	1690.0	1545.0	-
16	3	18	98.5	1975.0	1169.0	1062.0
17	1	18	65.0	1767.0	-	-
18	3	18	85.4	1011.0	1637.0	1425.0
19	3	18	91.6	1878.0	1445.0	1325.0
20	2	18	67.3	1091.0	1218.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_05

Number of Bursts in Trial: 17

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	67.9	1320.0	1133.0	-
2	1	10	62.3	1957.0	-	-
3	1	10	53.3	1592.0	-	-
4	3	10	90.0	1900.0	1153.0	1346.0
5	2	10	77.1	1166.0	1646.0	-
6	3	10	83.9	1278.0	1232.0	1459.0
7	3	10	89.1	1240.0	1384.0	1939.0
8	2	10	81.8	1833.0	1676.0	-
9	1	10	50.3	1075.0	-	-
10	3	10	87.1	1116.0	1996.0	1756.0
11	2	10	71.3	1225.0	1815.0	-
12	3	10	97.5	1884.0	1465.0	1132.0
13	3	10	90.6	1561.0	1040.0	1354.0
14	3	10	86.3	1596.0	1183.0	1792.0
15	3	10	97.6	1365.0	1073.0	1361.0
16	3	10	84.7	1021.0	1718.0	1854.0
17	3	10	99.7	1150.0	1244.0	1988.0
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_06

Number of Bursts in Trial: 14

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	92.9	1085.0	1564.0	1407.0
2	2	18	67.7	1744.0	1747.0	-
3	1	18	65.8	1092.0	-	-
4	1	18	56.3	1851.0	-	-
5	1	18	53.7	1727.0	-	-
6	3	18	83.5	1679.0	1930.0	1025.0
7	1	18	65.8	1519.0	-	-
8	3	18	85.9	1134.0	1034.0	1808.0
9	2	18	76.3	1606.0	1926.0	-
10	2	18	81.5	1891.0	1714.0	-
11	3	18	89.4	1310.0	1594.0	1827.0
12	1	18	63.4	1568.0	-	-
13	2	18	69.6	1307.0	1925.0	-
14	2	18	74.5	1264.0	1846.0	-
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 15

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	96.6	1182.0	1609.0	1581.0
2	3	10	96.7	1829.0	1799.0	1154.0
3	3	10	86.5	1923.0	1396.0	1865.0
4	2	10	73.3	1908.0	1318.0	-
5	1	10	55.8	1688.0	-	-
6	1	10	55.4	1145.0	-	-
7	3	10	85.3	1336.0	1504.0	1820.0
8	2	10	79.4	1344.0	1893.0	-
9	1	10	65.7	1476.0	-	-
10	2	10	68.6	1008.0	1028.0	-
11	2	10	77.7	1972.0	1835.0	-
12	2	10	79.6	1882.0	1331.0	-
13	3	10	94.9	1830.0	1070.0	1349.0
14	1	10	61.4	1451.0	-	-
15	3	10	90.6	1233.0	1562.0	1887.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 12

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	52.6	1210.0	-	-
2	3	16	84.1	1314.0	1725.0	1529.0
3	3	16	97.7	1139.0	1868.0	1805.0
4	3	16	97.3	1341.0	1446.0	1755.0
5	3	16	98.8	1544.0	1386.0	1302.0
6	2	16	72.2	1771.0	1184.0	-
7	2	16	67.6	1175.0	1027.0	-
8	2	16	75.7	1026.0	1871.0	-
9	1	16	60.9	1798.0	-	-
10	1	16	64.2	1138.0	-	-
11	2	16	78.8	1784.0	1604.0	-
12	3	16	87.5	1511.0	1712.0	1683.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 14

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	54.1	1415.0	-	-
2	1	7	50.7	1221.0	-	-
3	1	7	52.3	1974.0	-	-
4	3	7	99.8	1558.0	1696.0	1949.0
5	2	7	68.4	1014.0	1099.0	-
6	2	7	80.8	1736.0	1505.0	-
7	1	7	62.5	1778.0	-	-
8	2	7	74.8	1149.0	1204.0	-
9	1	7	50.8	1049.0	-	-
10	1	7	54.0	1417.0	-	-
11	1	7	63.0	1730.0	-	-
12	3	7	91.8	1143.0	1270.0	1347.0
13	2	7	79.3	1274.0	1992.0	-
14	1	7	64.3	1937.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_10

Number of Bursts in Trial: 8

Chrip Center Frequency: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	63.4	1043.0	-	-
2	1	16	52.0	1863.0	-	-
3	3	16	97.2	1973.0	1605.0	1583.0
4	2	16	78.7	1466.0	1743.0	-
5	2	16	74.2	1280.0	1219.0	-
6	3	16	88.7	1293.0	1934.0	1273.0
7	1	16	54.3	1991.0	-	-
8	3	16	95.4	1580.0	1555.0	1791.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 17

Chrip Center Frequency: 5497.9MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	73.7	1208.0	1497.0	-
2	3	16	97.4	1942.0	1754.0	1613.0
3	3	16	91.7	1999.0	1702.0	1462.0
4	1	16	66.2	1393.0	-	-
5	2	16	70.8	1968.0	1821.0	-
6	1	16	52.3	1740.0	-	-
7	2	16	78.9	1308.0	1984.0	-
8	2	16	70.9	1050.0	1358.0	-
9	2	16	75.6	1437.0	1430.0	-
10	1	16	59.1	1697.0	-	-
11	2	16	77.0	1397.0	1304.0	-
12	2	16	67.9	1803.0	1083.0	-
13	2	16	81.2	1720.0	1932.0	-
14	2	16	78.7	1247.0	1121.0	-
15	1	16	63.3	1634.0	-	-
16	2	16	68.9	1849.0	1423.0	-
17	1	16	59.3	1093.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 19

Chrip Center Frequency: 5499.1MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	98.9	1381.0	1680.0	1488.0
2	2	19	82.3	1716.0	1855.0	-
3	3	19	86.7	1211.0	1400.0	1919.0
4	3	19	89.7	1861.0	1068.0	1282.0
5	3	19	98.6	1507.0	1194.0	1461.0
6	2	19	71.1	1921.0	1789.0	-
7	1	19	55.9	1947.0	-	-
8	2	19	67.9	1350.0	1372.0	-
9	3	19	84.4	1203.0	1107.0	1443.0
10	1	19	58.8	1715.0	-	-
11	1	19	65.6	1017.0	-	-
12	2	19	78.5	1911.0	1704.0	-
13	2	19	82.3	1845.0	1686.0	-
14	3	19	90.1	1938.0	1071.0	1266.0
15	3	19	90.2	1989.0	1089.0	1950.0
16	2	19	83.1	1943.0	1406.0	-
17	1	19	58.8	1742.0	-	-
18	2	19	77.0	1187.0	1657.0	-
19	1	19	55.0	1012.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_13

Number of Bursts in Trial: 15

Chrip Center Frequency: 5496.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	13	58.1	1929.0	-	-
2	1	13	52.1	1910.0	-	-
3	1	13	59.9	1971.0	-	-
4	1	13	60.2	1812.0	-	-
5	3	13	95.9	1399.0	1906.0	1608.0
6	2	13	79.9	1626.0	1859.0	-
7	2	13	78.5	1238.0	1917.0	-
8	1	13	53.8	1763.0	-	-
9	1	13	64.7	1800.0	-	-
10	1	13	61.4	1390.0	-	-
11	2	13	83.2	1692.0	1858.0	-
12	3	13	84.7	1533.0	1677.0	1638.0
13	3	13	88.7	1703.0	1528.0	1058.0
14	2	13	78.3	1258.0	1951.0	-
15	2	13	69.3	1731.0	1717.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	75.3	1994.0	1612.0	-
2	1	10	56.3	1456.0	-	-
3	2	10	67.7	1617.0	1185.0	-
4	1	10	55.6	1337.0	-	-
5	2	10	75.2	1421.0	1267.0	-
6	2	10	76.3	1359.0	1305.0	-
7	3	10	85.7	1547.0	1362.0	1924.0
8	3	10	98.4	1873.0	1550.0	1249.0
9	3	10	86.4	1779.0	1439.0	1046.0
10	3	10	93.6	1059.0	1031.0	1452.0
11	1	10	63.3	1328.0	-	-
12	3	10	92.4	1412.0	1673.0	1322.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 19

Chrip Center Frequency: 5498.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	93.3	1983.0	1912.0	1535.0
2	2	18	69.1	1102.0	1794.0	-
3	3	18	86.9	1044.0	1152.0	1148.0
4	3	18	84.9	1894.0	1948.0	1118.0
5	2	18	72.3	1094.0	1916.0	-
6	1	18	51.7	1447.0	-	-
7	1	18	58.3	1429.0	-	-
8	1	18	60.8	1979.0	-	-
9	1	18	57.1	1641.0	-	-
10	3	18	88.9	1886.0	1964.0	1489.0
11	2	18	72.0	1909.0	1297.0	-
12	3	18	90.9	1261.0	1566.0	1370.0
13	1	18	59.8	1552.0	-	-
14	2	18	70.0	1759.0	1291.0	-
15	2	18	67.2	1625.0	1881.0	-
16	3	18	91.2	1382.0	1832.0	1661.0
17	1	18	56.5	1483.0	-	-
18	1	18	51.2	1237.0	-	-
19	2	18	74.1	1471.0	1245.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 14

Chrip Center Frequency: 5496.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	76.9	1110.0	1140.0	-
2	1	12	50.2	1316.0	-	-
3	1	12	62.9	1520.0	-	-
4	1	12	64.7	1902.0	-	-
5	3	12	83.8	1410.0	1097.0	1621.0
6	1	12	65.4	1944.0	-	-
7	1	12	53.2	1024.0	-	-
8	1	12	51.7	1603.0	-	-
9	2	12	78.7	1804.0	1168.0	-
10	2	12	72.4	1030.0	1343.0	-
11	1	12	53.8	1327.0	-	-
12	2	12	73.6	1524.0	1553.0	-
13	2	12	66.7	1722.0	1122.0	-
14	2	12	82.5	1404.0	1019.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 20

Chrip Center Frequency: 5499.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	87.6	1565.0	1055.0	1840.0
2	3	20	85.2	1735.0	1541.0	1408.0
3	3	20	84.8	1534.0	1889.0	1463.0
4	2	20	77.9	1749.0	1460.0	-
5	2	20	76.5	1518.0	1485.0	-
6	1	20	60.9	1540.0	-	-
7	2	20	83.0	1080.0	1010.0	-
8	2	20	80.4	1824.0	1752.0	-
9	2	20	67.5	1764.0	1181.0	-
10	1	20	62.1	1495.0	-	-
11	3	20	86.4	1773.0	1966.0	1263.0
12	3	20	84.3	1593.0	1188.0	1788.0
13	2	20	76.9	1226.0	1537.0	-
14	3	20	95.8	1192.0	1298.0	1844.0
15	1	20	55.2	1644.0	-	-
16	1	20	59.0	1402.0	-	-
17	3	20	94.5	1296.0	1700.0	1283.0
18	3	20	91.9	1970.0	1978.0	1165.0
19	3	20	85.2	1732.0	1551.0	1189.0
20	2	20	69.5	1038.0	1224.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	86.4	1259.0	1918.0	1455.0
2	3	10	92.2	1598.0	1719.0	1895.0
3	2	10	80.4	1816.0	1899.0	-
4	1	10	54.3	1335.0	-	-
5	1	10	53.1	1303.0	-	-
6	2	10	69.4	1503.0	1546.0	-
7	2	10	69.1	1279.0	1639.0	-
8	3	10	100.0	1375.0	1438.0	1595.0
9	2	10	79.6	1239.0	1705.0	-
10	3	10	88.4	1374.0	1579.0	1623.0
11	1	10	53.3	1016.0	-	-
12	1	10	65.3	1709.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

Number of Bursts in Trial: 14

Chrip Center Frequency: 5496.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	55.3	1920.0	-	-
2	1	12	58.3	1797.0	-	-
3	2	12	72.3	1610.0	1039.0	-
4	3	12	84.8	1131.0	1761.0	1721.0
5	2	12	82.5	1875.0	1431.0	-
6	1	12	63.3	1095.0	-	-
7	2	12	80.0	1119.0	1913.0	-
8	3	12	90.3	1660.0	1853.0	1123.0
9	3	12	91.1	1539.0	1783.0	1172.0
10	3	12	96.6	1525.0	1036.0	1385.0
11	2	12	82.7	1710.0	1990.0	-
12	1	12	50.7	1234.0	-	-
13	2	12	78.4	1047.0	1109.0	-
14	3	12	99.5	1299.0	1965.0	1869.0
15						
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Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 12
Chrip Center Frequency: 5495.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	88.6	1501.0	1067.0	1927.0
2	1	10	57.4	1723.0	-	-
3	3	10	96.6	1086.0	1658.0	1324.0
4	2	10	69.7	1751.0	1945.0	-
5	2	10	77.9	1642.0	1317.0	-
6	1	10	62.0	1866.0	-	-
7	3	10	88.4	1997.0	1077.0	1366.0
8	3	10	97.3	1790.0	1896.0	1367.0
9	3	10	96.2	1391.0	1787.0	1672.0
10	3	10	95.4	1020.0	1892.0	1414.0
11	1	10	54.8	1084.0	-	-
12	2	10	80.4	1850.0	1436.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 16

Chrip Center Frequency: 5522.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	74.7	1619.0	1611.0	-
2	1	15	57.1	1560.0	-	-
3	3	15	91.9	1392.0	1475.0	1276.0
4	2	15	83.1	1809.0	1772.0	-
5	1	15	50.7	1003.0	-	-
6	2	15	79.2	1574.0	1600.0	-
7	1	15	58.7	1186.0	-	-
8	2	15	71.0	1521.0	1567.0	-
9	2	15	79.0	1777.0	1960.0	-
10	2	15	68.5	1284.0	1428.0	-
11	2	15	73.5	1904.0	1352.0	-
12	2	15	70.5	1864.0	1115.0	-
13	2	15	76.6	1045.0	1300.0	-
14	2	15	81.2	1160.0	1675.0	-
15	1	15	61.8	1277.0	-	-
16	3	15	94.9	1450.0	1206.0	1860.0
17						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5524.9MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	78.5	1653.0	1698.0	-
2	3	9	89.8	1174.0	1962.0	1167.0
3	1	9	59.4	1982.0	-	-
4	2	9	79.6	1633.0	1890.0	-
5	2	9	76.0	1112.0	1811.0	-
6	1	9	53.6	1144.0	-	-
7	2	9	80.9	1220.0	1053.0	-
8	1	9	61.6	1724.0	-	-
9	1	9	53.4	1901.0	-	-
10	1	9	59.9	1379.0	-	-
11	1	9	60.4	1453.0	-	-
12	3	9	91.4	1768.0	1726.0	1227.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

Number of Bursts in Trial: 20

Chrip Center Frequency: 5520.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	77.0	1191.0	1363.0	-
2	1	20	58.1	1248.0	-	-
3	1	20	62.1	1836.0	-	-
4	2	20	76.9	1334.0	1236.0	-
5	2	20	80.0	1914.0	1852.0	-
6	1	20	52.0	1701.0	-	-
7	3	20	88.6	1693.0	1995.0	1905.0
8	2	20	72.9	1922.0	1387.0	-
9	3	20	98.5	1839.0	1746.0	1389.0
10	1	20	57.9	1193.0	-	-
11	3	20	95.9	1659.0	1870.0	1066.0
12	1	20	53.5	1162.0	-	-
13	3	20	92.0	1745.0	1654.0	1458.0
14	1	20	57.3	1834.0	-	-
15	2	20	70.5	1684.0	1586.0	-
16	2	20	70.0	1042.0	1664.0	-
17	3	20	84.0	1765.0	1630.0	1176.0
18	2	20	76.1	1557.0	1057.0	-
19	3	20	93.2	1985.0	1018.0	1340.0
20	3	20	96.8	1760.0	1614.0	1817.0

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_24

Number of Bursts in Trial: 14

Chrip Center Frequency: 5523.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	50.1	1841.0	-	-
2	3	12	93.5	1590.0	1081.0	1413.0
3	2	12	68.8	1707.0	1577.0	-
4	1	12	56.3	1056.0	-	-
5	3	12	86.0	1953.0	1108.0	1987.0
6	2	12	75.2	1572.0	1536.0	-
7	1	12	54.4	1517.0	-	-
8	2	12	71.1	1329.0	1243.0	-
9	2	12	76.2	1940.0	1770.0	-
10	2	12	80.2	1098.0	1209.0	-
11	2	12	79.7	1588.0	1214.0	-
12	3	12	90.9	1615.0	1862.0	1601.0
13	2	12	68.7	1377.0	1441.0	-
14	2	12	67.4	1872.0	1313.0	-
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

Chrip Center Frequency: 5524.1MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	94.0	1643.0	1748.0	1941.0
2	2	11	70.8	1177.0	1201.0	-
3	1	11	56.3	1006.0	-	-
4	3	11	96.7	1230.0	1163.0	1332.0
5	3	11	90.6	1217.0	1582.0	1498.0
6	2	11	74.5	1569.0	1281.0	-
7	3	11	92.6	1065.0	1669.0	1222.0
8	3	11	89.0	1493.0	1135.0	1380.0
9	3	11	96.5	1607.0	1822.0	1602.0
10	2	11	70.5	1141.0	1178.0	-
11	3	11	94.0	1009.0	1629.0	1956.0
12	1	11	55.8	1290.0	-	-
13	3	11	87.7	1435.0	1963.0	1164.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_26

Number of Bursts in Trial: 8

Chrip Center Frequency: 5526.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	68.6	1306.0	1161.0	-
2	2	5	83.1	1420.0	1315.0	-
3	1	5	60.9	1687.0	-	-
4	2	5	77.7	1776.0	1158.0	-
5	2	5	77.4	1793.0	1510.0	-
6	2	5	66.8	1576.0	1323.0	-
7	1	5	63.7	1333.0	-	-
8	3	5	91.2	1409.0	1681.0	1275.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_27

Number of Bursts in Trial: 17

Chrip Center Frequency: 5522.1MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	83.6	1632.0	1195.0	1000.0
2	3	16	89.4	1173.0	1627.0	1656.0
3	1	16	55.8	1532.0	-	-
4	3	16	90.9	1981.0	1554.0	1998.0
5	1	16	54.7	1825.0	-	-
6	3	16	97.7	1734.0	1202.0	1250.0
7	2	16	67.5	1571.0	1434.0	-
8	3	16	96.7	1589.0	1469.0	1268.0
9	2	16	68.3	1750.0	1954.0	-
10	2	16	78.3	1591.0	1082.0	-
11	1	16	55.0	1427.0	-	-
12	3	16	84.9	1129.0	1936.0	1199.0
13	2	16	74.6	1959.0	1856.0	-
14	1	16	63.3	1885.0	-	-
15	3	16	99.8	1035.0	1515.0	1120.0
16	1	16	63.6	1647.0	-	-
17	3	16	87.3	1931.0	1051.0	1831.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_28

Number of Bursts in Trial: 19

Chrip Center Frequency: 5520.9MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	85.6	1946.0	1078.0	1015.0
2	2	19	68.6	1029.0	1780.0	-
3	1	19	54.2	1111.0	-	-
4	1	19	61.2	1104.0	-	-
5	3	19	97.1	1157.0	1969.0	1100.0
6	3	19	98.3	1142.0	1699.0	1622.0
7	1	19	62.4	1655.0	-	-
8	2	19	80.2	1126.0	1769.0	-
9	3	19	87.5	1216.0	1448.0	1179.0
10	3	19	85.8	1847.0	1348.0	1472.0
11	3	19	88.1	1023.0	1124.0	1631.0
12	1	19	65.3	1848.0	-	-
13	1	19	52.5	1470.0	-	-
14	1	19	52.3	1312.0	-	-
15	2	19	74.1	1915.0	1200.0	-
16	1	19	54.9	1479.0	-	-
17	2	19	76.2	1376.0	1502.0	-
18	1	19	60.4	1758.0	-	-
19	2	19	81.5	1491.0	1103.0	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_29

Number of Bursts in Trial: 12

Chrip Center Frequency: 5524.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	50.5	1857.0	-	-
2	1	10	55.7	1246.0	-	-
3	3	10	85.8	1774.0	1002.0	1967.0
4	2	10	76.9	1125.0	1474.0	-
5	2	10	75.1	1254.0	1052.0	-
6	3	10	92.3	1180.0	1486.0	1492.0
7	2	10	78.1	1301.0	1757.0	-
8	3	10	92.2	1898.0	1252.0	1713.0
9	3	10	89.0	1260.0	1706.0	1411.0
10	2	10	70.9	1578.0	1620.0	-
11	1	10	63.1	1782.0	-	-
12	1	10	55.3	1522.0	-	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5521.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	83.4	1454.0	1205.0	1801.0
2	3	17	97.3	1319.0	1826.0	1635.0
3	3	17	90.4	1079.0	1986.0	1674.0
4	3	17	91.8	1563.0	1151.0	1802.0
5	3	17	98.2	1876.0	1977.0	1766.0
6	1	17	59.5	1952.0	-	-
7	2	17	80.0	1253.0	1137.0	-
8	3	17	86.5	1054.0	1128.0	1828.0
9	3	17	91.1	1105.0	1599.0	1442.0
10	3	17	93.5	1867.0	1373.0	1087.0
11	1	17	60.7	1033.0	-	-
12	2	17	67.2	1288.0	1405.0	-
13	1	17	61.8	1585.0	-	-
14	2	17	79.4	1933.0	1667.0	-
15	2	17	81.4	1096.0	1464.0	-
16	1	17	65.7	1496.0	-	-
17	2	17	76.0	1733.0	1255.0	-
18	2	17	81.0	1326.0	1668.0	-
19						

802.11ac (VHT80)

Long Pulse Radar Test Signal
Test Signal Name: LP_Signal_01
Number of Bursts in Trial: 15
Chrip Center Frequency 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	77.8	1665.0	1477.0	-
2	1	20	51.9	1074.0	-	-
3	1	20	63.8	1584.0	-	-
4	3	20	96.6	1682.0	1786.0	1843.0
5	3	20	85.9	1795.0	1215.0	1729.0
6	2	20	73.7	1198.0	1549.0	-
7	2	20	77.2	1837.0	1819.0	-
8	2	20	68.4	1587.0	1114.0	-
9	2	20	76.7	2000.0	1155.0	-
10	1	20	53.2	1147.0	-	-
11	3	20	85.7	1433.0	1695.0	1394.0
12	3	20	94.3	1670.0	1426.0	1935.0
13	2	20	77.6	1294.0	1671.0	-
14	1	20	65.7	1512.0	-	-
15	3	20	93.5	1444.0	1130.0	1468.0
16						
17						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_02

Number of Bursts in Trial: 8

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	11	75.0	1880.0	1527.0	-
2	3	11	99.4	1401.0	1262.0	1257.0
3	2	11	67.4	1531.0	1403.0	-
4	2	11	73.6	1449.0	1041.0	-
5	1	11	65.9	1432.0	-	-
6	3	11	83.8	1356.0	1292.0	1419.0
7	1	11	65.5	1543.0	-	-
8	3	11	98.6	1548.0	1796.0	1728.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_03

Number of Bursts in Trial: 11

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	73.8	1806.0	1538.0	-
2	2	20	69.5	1117.0	1649.0	-
3	1	20	51.9	1651.0	-	-
4	3	20	84.6	1976.0	1032.0	1271.0
5	3	20	95.4	1060.0	1903.0	1388.0
6	2	20	68.0	1368.0	1351.0	-
7	3	20	89.6	1338.0	1514.0	1573.0
8	2	20	81.9	1022.0	1689.0	-
9	3	20	88.3	1810.0	1330.0	1838.0
10	1	20	53.7	1597.0	-	-
11	3	20	91.3	1961.0	1106.0	1001.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_04

Number of Bursts in Trial: 20

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	19	68.1	1339.0	1355.0	-
2	1	19	58.7	1251.0	-	-
3	2	19	75.3	1136.0	1640.0	-
4	1	19	56.4	1753.0	-	-
5	3	19	99.7	1196.0	1708.0	1159.0
6	1	19	57.7	1013.0	-	-
7	1	19	59.5	1072.0	-	-
8	2	19	80.0	1482.0	1369.0	-
9	2	19	82.0	1993.0	1197.0	-
10	2	19	82.8	1883.0	1005.0	-
11	3	19	88.0	1061.0	1928.0	1101.0
12	3	19	93.2	1207.0	1907.0	1223.0
13	2	19	70.4	1526.0	1360.0	-
14	3	19	95.3	1171.0	1955.0	1775.0
15	2	19	81.9	1690.0	1545.0	-
16	3	19	98.5	1975.0	1169.0	1062.0
17	1	19	65.0	1767.0	-	-
18	3	19	85.4	1011.0	1637.0	1425.0
19	3	19	91.6	1878.0	1445.0	1325.0
20	2	19	67.3	1091.0	1218.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_05

Number of Bursts in Trial: 17

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	67.9	1320.0	1133.0	-
2	1	20	62.3	1957.0	-	-
3	1	20	53.3	1592.0	-	-
4	3	20	90.0	1900.0	1153.0	1346.0
5	2	20	77.1	1166.0	1646.0	-
6	3	20	83.9	1278.0	1232.0	1459.0
7	3	20	89.1	1240.0	1384.0	1939.0
8	2	20	81.8	1833.0	1676.0	-
9	1	20	50.3	1075.0	-	-
10	3	20	87.1	1116.0	1996.0	1756.0
11	2	20	71.3	1225.0	1815.0	-
12	3	20	97.5	1884.0	1465.0	1132.0
13	3	20	90.6	1561.0	1040.0	1354.0
14	3	20	86.3	1596.0	1183.0	1792.0
15	3	20	97.6	1365.0	1073.0	1361.0
16	3	20	84.7	1021.0	1718.0	1854.0
17	3	20	99.7	1150.0	1244.0	1988.0
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_06

Number of Bursts in Trial: 14

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	92.9	1085.0	1564.0	1407.0
2	2	14	67.7	1744.0	1747.0	-
3	1	14	65.8	1092.0	-	-
4	1	14	56.3	1851.0	-	-
5	1	14	53.7	1727.0	-	-
6	3	14	83.5	1679.0	1930.0	1025.0
7	1	14	65.8	1519.0	-	-
8	3	14	85.9	1134.0	1034.0	1808.0
9	2	14	76.3	1606.0	1926.0	-
10	2	14	81.5	1891.0	1714.0	-
11	3	14	89.4	1310.0	1594.0	1827.0
12	1	14	63.4	1568.0	-	-
13	2	14	69.6	1307.0	1925.0	-
14	2	14	74.5	1264.0	1846.0	-
15						
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17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_07

Number of Bursts in Trial: 15

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	96.6	1182.0	1609.0	1581.0
2	3	16	96.7	1829.0	1799.0	1154.0
3	3	16	86.5	1923.0	1396.0	1865.0
4	2	16	73.3	1908.0	1318.0	-
5	1	16	55.8	1688.0	-	-
6	1	16	55.4	1145.0	-	-
7	3	16	85.3	1336.0	1504.0	1820.0
8	2	16	79.4	1344.0	1893.0	-
9	1	16	65.7	1476.0	-	-
10	2	16	68.6	1008.0	1028.0	-
11	2	16	77.7	1972.0	1835.0	-
12	2	16	79.6	1882.0	1331.0	-
13	3	16	94.9	1830.0	1070.0	1349.0
14	1	16	61.4	1451.0	-	-
15	3	16	90.6	1233.0	1562.0	1887.0
16						
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_08

Number of Bursts in Trial: 12

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	9	52.6	1210.0	-	-
2	3	9	84.1	1314.0	1725.0	1529.0
3	3	9	97.7	1139.0	1868.0	1805.0
4	3	9	97.3	1341.0	1446.0	1755.0
5	3	9	98.8	1544.0	1386.0	1302.0
6	2	9	72.2	1771.0	1184.0	-
7	2	9	67.6	1175.0	1027.0	-
8	2	9	75.7	1026.0	1871.0	-
9	1	9	60.9	1798.0	-	-
10	1	9	64.2	1138.0	-	-
11	2	9	78.8	1784.0	1604.0	-
12	3	9	87.5	1511.0	1712.0	1683.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 14

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	54.1	1415.0	-	-
2	1	6	50.7	1221.0	-	-
3	1	6	52.3	1974.0	-	-
4	3	6	99.8	1558.0	1696.0	1949.0
5	2	6	68.4	1014.0	1099.0	-
6	2	6	80.8	1736.0	1505.0	-
7	1	6	62.5	1778.0	-	-
8	2	6	74.8	1149.0	1204.0	-
9	1	6	50.8	1049.0	-	-
10	1	6	54.0	1417.0	-	-
11	1	6	63.0	1730.0	-	-
12	3	6	91.8	1143.0	1270.0	1347.0
13	2	6	79.3	1274.0	1992.0	-
14	1	6	64.3	1937.0	-	-
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16						
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_10

Number of Bursts in Trial: 8

Chrip Center Frequency: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	63.4	1043.0	-	-
2	1	6	52.0	1863.0	-	-
3	3	6	97.2	1973.0	1605.0	1583.0
4	2	6	78.7	1466.0	1743.0	-
5	2	6	74.2	1280.0	1219.0	-
6	3	6	88.7	1293.0	1934.0	1273.0
7	1	6	54.3	1991.0	-	-
8	3	6	95.4	1580.0	1555.0	1791.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 17

Chrip Center Frequency: 5498.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	73.7	1208.0	1497.0	-
2	3	16	97.4	1942.0	1754.0	1613.0
3	3	16	91.7	1999.0	1702.0	1462.0
4	1	16	66.2	1393.0	-	-
5	2	16	70.8	1968.0	1821.0	-
6	1	16	52.3	1740.0	-	-
7	2	16	78.9	1308.0	1984.0	-
8	2	16	70.9	1050.0	1358.0	-
9	2	16	75.6	1437.0	1430.0	-
10	1	16	59.1	1697.0	-	-
11	2	16	77.0	1397.0	1304.0	-
12	2	16	67.9	1803.0	1083.0	-
13	2	16	81.2	1720.0	1932.0	-
14	2	16	78.7	1247.0	1121.0	-
15	1	16	63.3	1634.0	-	-
16	2	16	68.9	1849.0	1423.0	-
17	1	16	59.3	1093.0	-	-
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 19

Chrip Center Frequency: 5499.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	98.9	1381.0	1680.0	1488.0
2	2	19	82.3	1716.0	1855.0	-
3	3	19	86.7	1211.0	1400.0	1919.0
4	3	19	89.7	1861.0	1068.0	1282.0
5	3	19	98.6	1507.0	1194.0	1461.0
6	2	19	71.1	1921.0	1789.0	-
7	1	19	55.9	1947.0	-	-
8	2	19	67.9	1350.0	1372.0	-
9	3	19	84.4	1203.0	1107.0	1443.0
10	1	19	58.8	1715.0	-	-
11	1	19	65.6	1017.0	-	-
12	2	19	78.5	1911.0	1704.0	-
13	2	19	82.3	1845.0	1686.0	-
14	3	19	90.1	1938.0	1071.0	1266.0
15	3	19	90.2	1989.0	1089.0	1950.0
16	2	19	83.1	1943.0	1406.0	-
17	1	19	58.8	1742.0	-	-
18	2	19	77.0	1187.0	1657.0	-
19	1	19	55.0	1012.0	-	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_13

Number of Bursts in Trial: 15

Chrip Center Frequency: 5497.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	13	58.1	1929.0	-	-
2	1	13	52.1	1910.0	-	-
3	1	13	59.9	1971.0	-	-
4	1	13	60.2	1812.0	-	-
5	3	13	95.9	1399.0	1906.0	1608.0
6	2	13	79.9	1626.0	1859.0	-
7	2	13	78.5	1238.0	1917.0	-
8	1	13	53.8	1763.0	-	-
9	1	13	64.7	1800.0	-	-
10	1	13	61.4	1390.0	-	-
11	2	13	83.2	1692.0	1858.0	-
12	3	13	84.7	1533.0	1677.0	1638.0
13	3	13	88.7	1703.0	1528.0	1058.0
14	2	13	78.3	1258.0	1951.0	-
15	2	13	69.3	1731.0	1717.0	-
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_14

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	75.3	1994.0	1612.0	-
2	1	10	56.3	1456.0	-	-
3	2	10	67.7	1617.0	1185.0	-
4	1	10	55.6	1337.0	-	-
5	2	10	75.2	1421.0	1267.0	-
6	2	10	76.3	1359.0	1305.0	-
7	3	10	85.7	1547.0	1362.0	1924.0
8	3	10	98.4	1873.0	1550.0	1249.0
9	3	10	86.4	1779.0	1439.0	1046.0
10	3	10	93.6	1059.0	1031.0	1452.0
11	1	10	63.3	1328.0	-	-
12	3	10	92.4	1412.0	1673.0	1322.0
13						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_15

Number of Bursts in Trial: 19

Chrip Center Frequency: 5499.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	93.3	1983.0	1912.0	1535.0
2	2	18	69.1	1102.0	1794.0	-
3	3	18	86.9	1044.0	1152.0	1148.0
4	3	18	84.9	1894.0	1948.0	1118.0
5	2	18	72.3	1094.0	1916.0	-
6	1	18	51.7	1447.0	-	-
7	1	18	58.3	1429.0	-	-
8	1	18	60.8	1979.0	-	-
9	1	18	57.1	1641.0	-	-
10	3	18	88.9	1886.0	1964.0	1489.0
11	2	18	72.0	1909.0	1297.0	-
12	3	18	90.9	1261.0	1566.0	1370.0
13	1	18	59.8	1552.0	-	-
14	2	18	70.0	1759.0	1291.0	-
15	2	18	67.2	1625.0	1881.0	-
16	3	18	91.2	1382.0	1832.0	1661.0
17	1	18	56.5	1483.0	-	-
18	1	18	51.2	1237.0	-	-
19	2	18	74.1	1471.0	1245.0	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 14

Chrip Center Frequency: 5496.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	76.9	1110.0	1140.0	-
2	1	12	50.2	1316.0	-	-
3	1	12	62.9	1520.0	-	-
4	1	12	64.7	1902.0	-	-
5	3	12	83.8	1410.0	1097.0	1621.0
6	1	12	65.4	1944.0	-	-
7	1	12	53.2	1024.0	-	-
8	1	12	51.7	1603.0	-	-
9	2	12	78.7	1804.0	1168.0	-
10	2	12	72.4	1030.0	1343.0	-
11	1	12	53.8	1327.0	-	-
12	2	12	73.6	1524.0	1553.0	-
13	2	12	66.7	1722.0	1122.0	-
14	2	12	82.5	1404.0	1019.0	-
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_17

Number of Bursts in Trial: 20

Chrip Center Frequency: 5499.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	87.6	1565.0	1055.0	1840.0
2	3	20	85.2	1735.0	1541.0	1408.0
3	3	20	84.8	1534.0	1889.0	1463.0
4	2	20	77.9	1749.0	1460.0	-
5	2	20	76.5	1518.0	1485.0	-
6	1	20	60.9	1540.0	-	-
7	2	20	83.0	1080.0	1010.0	-
8	2	20	80.4	1824.0	1752.0	-
9	2	20	67.5	1764.0	1181.0	-
10	1	20	62.1	1495.0	-	-
11	3	20	86.4	1773.0	1966.0	1263.0
12	3	20	84.3	1593.0	1188.0	1788.0
13	2	20	76.9	1226.0	1537.0	-
14	3	20	95.8	1192.0	1298.0	1844.0
15	1	20	55.2	1644.0	-	-
16	1	20	59.0	1402.0	-	-
17	3	20	94.5	1296.0	1700.0	1283.0
18	3	20	91.9	1970.0	1978.0	1165.0
19	3	20	85.2	1732.0	1551.0	1189.0
20	2	20	69.5	1038.0	1224.0	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_18

Number of Bursts in Trial: 12

Chrip Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	86.4	1259.0	1918.0	1455.0
2	3	10	92.2	1598.0	1719.0	1895.0
3	2	10	80.4	1816.0	1899.0	-
4	1	10	54.3	1335.0	-	-
5	1	10	53.1	1303.0	-	-
6	2	10	69.4	1503.0	1546.0	-
7	2	10	69.1	1279.0	1639.0	-
8	3	10	100.0	1375.0	1438.0	1595.0
9	2	10	79.6	1239.0	1705.0	-
10	3	10	88.4	1374.0	1579.0	1623.0
11	1	10	53.3	1016.0	-	-
12	1	10	65.3	1709.0	-	-
13						
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18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_19

Number of Bursts in Trial: 14

Chrip Center Frequency: 5496.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	55.3	1920.0	-	-
2	1	12	58.3	1797.0	-	-
3	2	12	72.3	1610.0	1039.0	-
4	3	12	84.8	1131.0	1761.0	1721.0
5	2	12	82.5	1875.0	1431.0	-
6	1	12	63.3	1095.0	-	-
7	2	12	80.0	1119.0	1913.0	-
8	3	12	90.3	1660.0	1853.0	1123.0
9	3	12	91.1	1539.0	1783.0	1172.0
10	3	12	96.6	1525.0	1036.0	1385.0
11	2	12	82.7	1710.0	1990.0	-
12	1	12	50.7	1234.0	-	-
13	2	12	78.4	1047.0	1109.0	-
14	3	12	99.5	1299.0	1965.0	1869.0
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 12
Chrip Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	88.6	1501.0	1067.0	1927.0
2	1	10	57.4	1723.0	-	-
3	3	10	96.6	1086.0	1658.0	1324.0
4	2	10	69.7	1751.0	1945.0	-
5	2	10	77.9	1642.0	1317.0	-
6	1	10	62.0	1866.0	-	-
7	3	10	88.4	1997.0	1077.0	1366.0
8	3	10	97.3	1790.0	1896.0	1367.0
9	3	10	96.2	1391.0	1787.0	1672.0
10	3	10	95.4	1020.0	1892.0	1414.0
11	1	10	54.8	1084.0	-	-
12	2	10	80.4	1850.0	1436.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 16

Chrip Center Frequency: 5562.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	74.7	1619.0	1611.0	-
2	1	15	57.1	1560.0	-	-
3	3	15	91.9	1392.0	1475.0	1276.0
4	2	15	83.1	1809.0	1772.0	-
5	1	15	50.7	1003.0	-	-
6	2	15	79.2	1574.0	1600.0	-
7	1	15	58.7	1186.0	-	-
8	2	15	71.0	1521.0	1567.0	-
9	2	15	79.0	1777.0	1960.0	-
10	2	15	68.5	1284.0	1428.0	-
11	2	15	73.5	1904.0	1352.0	-
12	2	15	70.5	1864.0	1115.0	-
13	2	15	76.6	1045.0	1300.0	-
14	2	15	81.2	1160.0	1675.0	-
15	1	15	61.8	1277.0	-	-
16	3	15	94.9	1450.0	1206.0	1860.0
17						
18						
19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5564.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	78.5	1653.0	1698.0	-
2	3	9	89.8	1174.0	1962.0	1167.0
3	1	9	59.4	1982.0	-	-
4	2	9	79.6	1633.0	1890.0	-
5	2	9	76.0	1112.0	1811.0	-
6	1	9	53.6	1144.0	-	-
7	2	9	80.9	1220.0	1053.0	-
8	1	9	61.6	1724.0	-	-
9	1	9	53.4	1901.0	-	-
10	1	9	59.9	1379.0	-	-
11	1	9	60.4	1453.0	-	-
12	3	9	91.4	1768.0	1726.0	1227.0
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

Number of Bursts in Trial: 20

Chrip Center Frequency: 5560.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	77.0	1191.0	1363.0	-
2	1	20	58.1	1248.0	-	-
3	1	20	62.1	1836.0	-	-
4	2	20	76.9	1334.0	1236.0	-
5	2	20	80.0	1914.0	1852.0	-
6	1	20	52.0	1701.0	-	-
7	3	20	88.6	1693.0	1995.0	1905.0
8	2	20	72.9	1922.0	1387.0	-
9	3	20	98.5	1839.0	1746.0	1389.0
10	1	20	57.9	1193.0	-	-
11	3	20	95.9	1659.0	1870.0	1066.0
12	1	20	53.5	1162.0	-	-
13	3	20	92.0	1745.0	1654.0	1458.0
14	1	20	57.3	1834.0	-	-
15	2	20	70.5	1684.0	1586.0	-
16	2	20	70.0	1042.0	1664.0	-
17	3	20	84.0	1765.0	1630.0	1176.0
18	2	20	76.1	1557.0	1057.0	-
19	3	20	93.2	1985.0	1018.0	1340.0
20	3	20	96.8	1760.0	1614.0	1817.0

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_24

Number of Bursts in Trial: 14

Chrip Center Frequency: 5563.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	50.1	1841.0	-	-
2	3	12	93.5	1590.0	1081.0	1413.0
3	2	12	68.8	1707.0	1577.0	-
4	1	12	56.3	1056.0	-	-
5	3	12	86.0	1953.0	1108.0	1987.0
6	2	12	75.2	1572.0	1536.0	-
7	1	12	54.4	1517.0	-	-
8	2	12	71.1	1329.0	1243.0	-
9	2	12	76.2	1940.0	1770.0	-
10	2	12	80.2	1098.0	1209.0	-
11	2	12	79.7	1588.0	1214.0	-
12	3	12	90.9	1615.0	1862.0	1601.0
13	2	12	68.7	1377.0	1441.0	-
14	2	12	67.4	1872.0	1313.0	-
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

Chrip Center Frequency: 5563.9MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	94.0	1643.0	1748.0	1941.0
2	2	11	70.8	1177.0	1201.0	-
3	1	11	56.3	1006.0	-	-
4	3	11	96.7	1230.0	1163.0	1332.0
5	3	11	90.6	1217.0	1582.0	1498.0
6	2	11	74.5	1569.0	1281.0	-
7	3	11	92.6	1065.0	1669.0	1222.0
8	3	11	89.0	1493.0	1135.0	1380.0
9	3	11	96.5	1607.0	1822.0	1602.0
10	2	11	70.5	1141.0	1178.0	-
11	3	11	94.0	1009.0	1629.0	1956.0
12	1	11	55.8	1290.0	-	-
13	3	11	87.7	1435.0	1963.0	1164.0
14						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_26

Number of Bursts in Trial: 8

Chrip Center Frequency: 5566.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	68.6	1306.0	1161.0	-
2	2	5	83.1	1420.0	1315.0	-
3	1	5	60.9	1687.0	-	-
4	2	5	77.7	1776.0	1158.0	-
5	2	5	77.4	1793.0	1510.0	-
6	2	5	66.8	1576.0	1323.0	-
7	1	5	63.7	1333.0	-	-
8	3	5	91.2	1409.0	1681.0	1275.0
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12						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_27

Number of Bursts in Trial: 17

Chrip Center Frequency: 5561.9MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	83.6	1632.0	1195.0	1000.0
2	3	16	89.4	1173.0	1627.0	1656.0
3	1	16	55.8	1532.0	-	-
4	3	16	90.9	1981.0	1554.0	1998.0
5	1	16	54.7	1825.0	-	-
6	3	16	97.7	1734.0	1202.0	1250.0
7	2	16	67.5	1571.0	1434.0	-
8	3	16	96.7	1589.0	1469.0	1268.0
9	2	16	68.3	1750.0	1954.0	-
10	2	16	78.3	1591.0	1082.0	-
11	1	16	55.0	1427.0	-	-
12	3	16	84.9	1129.0	1936.0	1199.0
13	2	16	74.6	1959.0	1856.0	-
14	1	16	63.3	1885.0	-	-
15	3	16	99.8	1035.0	1515.0	1120.0
16	1	16	63.6	1647.0	-	-
17	3	16	87.3	1931.0	1051.0	1831.0
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_28

Number of Bursts in Trial: 19

Chrip Center Frequency: 5560.7MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	85.6	1946.0	1078.0	1015.0
2	2	19	68.6	1029.0	1780.0	-
3	1	19	54.2	1111.0	-	-
4	1	19	61.2	1104.0	-	-
5	3	19	97.1	1157.0	1969.0	1100.0
6	3	19	98.3	1142.0	1699.0	1622.0
7	1	19	62.4	1655.0	-	-
8	2	19	80.2	1126.0	1769.0	-
9	3	19	87.5	1216.0	1448.0	1179.0
10	3	19	85.8	1847.0	1348.0	1472.0
11	3	19	88.1	1023.0	1124.0	1631.0
12	1	19	65.3	1848.0	-	-
13	1	19	52.5	1470.0	-	-
14	1	19	52.3	1312.0	-	-
15	2	19	74.1	1915.0	1200.0	-
16	1	19	54.9	1479.0	-	-
17	2	19	76.2	1376.0	1502.0	-
18	1	19	60.4	1758.0	-	-
19	2	19	81.5	1491.0	1103.0	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_29

Number of Bursts in Trial: 12

Chrip Center Frequency: 5564.3MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	50.5	1857.0	-	-
2	1	10	55.7	1246.0	-	-
3	3	10	85.8	1774.0	1002.0	1967.0
4	2	10	76.9	1125.0	1474.0	-
5	2	10	75.1	1254.0	1052.0	-
6	3	10	92.3	1180.0	1486.0	1492.0
7	2	10	78.1	1301.0	1757.0	-
8	3	10	92.2	1898.0	1252.0	1713.0
9	3	10	89.0	1260.0	1706.0	1411.0
10	2	10	70.9	1578.0	1620.0	-
11	1	10	63.1	1782.0	-	-
12	1	10	55.3	1522.0	-	-
13						
14						
15						
16						
17						
18						
19						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5561.5MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	83.4	1454.0	1205.0	1801.0
2	3	17	97.3	1319.0	1826.0	1635.0
3	3	17	90.4	1079.0	1986.0	1674.0
4	3	17	91.8	1563.0	1151.0	1802.0
5	3	17	98.2	1876.0	1977.0	1766.0
6	1	17	59.5	1952.0	-	-
7	2	17	80.0	1253.0	1137.0	-
8	3	17	86.5	1054.0	1128.0	1828.0
9	3	17	91.1	1105.0	1599.0	1442.0
10	3	17	93.5	1867.0	1373.0	1087.0
11	1	17	60.7	1033.0	-	-
12	2	17	67.2	1288.0	1405.0	-
13	1	17	61.8	1585.0	-	-
14	2	17	79.4	1933.0	1667.0	-
15	2	17	81.4	1096.0	1464.0	-
16	1	17	65.7	1496.0	-	-
17	2	17	76.0	1733.0	1255.0	-
18	2	17	81.0	1326.0	1668.0	-

A.2 The Frequency Hopping Radar pattern

802.11ac (HT20)

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.540	2	5.513	3	5.526	4	5.574
5	5.501	6	5.717	7	5.590	8	5.373
9	5.338	10	5.534	11	5.388	12	5.493
13	5.447	14	5.554	15	5.593	16	5.566
17	5.688	18	5.715	19	5.350	20	5.713
21	5.404	22	5.374	23	5.571	24	5.420
25	5.588	26	5.277	27	5.407	28	5.610
29	5.278	30	5.710	31	5.366	32	5.301
33	5.666	34	5.551	35	5.531	36	5.339
37	5.410	38	5.303	39	5.267	40	5.538
41	5.327	42	5.701	43	5.358	44	5.581
45	5.408	46	5.584	47	5.477	48	5.357
49	5.703	50	5.376	51	5.683	52	5.413
53	5.662	54	5.423	55	5.632	56	5.668
57	5.619	58	5.281	59	5.429	60	5.289
61	5.306	62	5.337	63	5.596	64	5.286
65	5.592	66	5.379	67	5.362	68	5.351
69	5.433	70	5.271	71	5.384	72	5.614
73	5.504	74	5.296	75	5.712	76	5.452
77	5.687	78	5.533	79	5.599	80	5.561
81	5.293	82	5.300	83	5.302	84	5.718
85	5.291	86	5.456	87	5.505	88	5.636
89	5.367	90	5.348	91	5.527	92	5.558
93	5.640	94	5.559	95	5.436	96	5.613
97	5.472	98	5.707	99	5.607	100	5.680

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.641	2	5.581	3	5.679	4	5.580
5	5.429	6	5.315	7	5.582	8	5.604
9	5.353	10	5.255	11	5.260	12	5.425
13	5.366	14	5.343	15	5.478	16	5.310
17	5.367	18	5.288	19	5.595	20	5.719
21	5.514	22	5.630	23	5.327	24	5.606
25	5.424	26	5.662	27	5.482	28	5.683
29	5.528	30	5.289	31	5.700	32	5.541
33	5.356	34	5.585	35	5.506	36	5.297
37	5.391	38	5.505	39	5.511	40	5.333
41	5.292	42	5.572	43	5.329	44	5.553
45	5.408	46	5.612	47	5.532	48	5.423
49	5.594	50	5.495	51	5.499	52	5.607
53	5.706	54	5.525	55	5.692	56	5.390
57	5.576	58	5.270	59	5.549	60	5.468
61	5.407	62	5.455	63	5.448	64	5.565
65	5.687	66	5.656	67	5.335	68	5.649
69	5.360	70	5.349	71	5.504	72	5.661
73	5.422	74	5.328	75	5.311	76	5.307
77	5.669	78	5.561	79	5.521	80	5.342
81	5.337	82	5.518	83	5.441	84	5.436
85	5.682	86	5.562	87	5.466	88	5.539
89	5.372	90	5.534	91	5.284	92	5.537
93	5.701	94	5.384	95	5.251	96	5.445
97	5.473	98	5.388	99	5.280	100	5.285

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.284	2	5.304	3	5.456	4	5.489
5	5.670	6	5.409	7	5.574	8	5.448
9	5.581	10	5.467	11	5.637	12	5.651
13	5.641	14	5.407	15	5.281	16	5.321
17	5.428	18	5.355	19	5.260	20	5.276
21	5.435	22	5.640	23	5.683	24	5.333
25	5.382	26	5.712	27	5.391	28	5.401
29	5.554	30	5.383	31	5.261	32	5.315
33	5.563	34	5.326	35	5.652	36	5.393
37	5.280	38	5.352	39	5.588	40	5.595
41	5.498	42	5.618	43	5.596	44	5.307
45	5.720	46	5.495	47	5.542	48	5.469
49	5.617	50	5.623	51	5.723	52	5.440
53	5.350	54	5.338	55	5.332	56	5.602
57	5.277	58	5.367	59	5.572	60	5.611
61	5.294	62	5.584	63	5.529	64	5.678
65	5.501	66	5.267	67	5.536	68	5.301
69	5.516	70	5.650	71	5.664	72	5.662
73	5.263	74	5.458	75	5.528	76	5.707
77	5.717	78	5.418	79	5.560	80	5.604
81	5.644	82	5.396	83	5.416	84	5.514
85	5.526	86	5.699	87	5.443	88	5.674
89	5.411	90	5.671	91	5.510	92	5.257
93	5.436	94	5.424	95	5.459	96	5.273
97	5.685	98	5.463	99	5.288	100	5.275

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.278	2	5.505	3	5.563	4	5.422
5	5.685	6	5.270	7	5.545	8	5.321
9	5.641	10	5.680	11	5.568	12	5.284
13	5.675	14	5.542	15	5.406	16	5.426
17	5.346	18	5.327	19	5.558	20	5.423
21	5.285	22	5.434	23	5.720	24	5.538
25	5.357	26	5.286	27	5.362	28	5.522
29	5.520	30	5.438	31	5.418	32	5.448
33	5.605	34	5.451	35	5.516	36	5.319
37	5.694	38	5.671	39	5.518	40	5.553
41	5.252	42	5.395	43	5.482	44	5.419
45	5.397	46	5.716	47	5.349	48	5.661
49	5.296	50	5.693	51	5.414	52	5.670
53	5.356	54	5.527	55	5.704	56	5.566
57	5.429	58	5.592	59	5.353	60	5.361
61	5.475	62	5.636	63	5.508	64	5.718
65	5.484	66	5.405	67	5.348	68	5.650
69	5.412	70	5.607	71	5.294	72	5.721
73	5.565	74	5.379	75	5.279	76	5.433
77	5.578	78	5.610	79	5.477	80	5.571
81	5.276	82	5.495	83	5.308	84	5.698
85	5.572	86	5.398	87	5.387	88	5.597
89	5.688	90	5.590	91	5.485	92	5.497
93	5.253	94	5.617	95	5.632	96	5.363
97	5.628	98	5.376	99	5.282	100	5.490

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.535	2	5.444	3	5.468	4	5.719
5	5.264	6	5.349	7	5.554	8	5.387
9	5.462	10	5.632	11	5.490	12	5.478
13	5.340	14	5.494	15	5.323	16	5.320
17	5.560	18	5.435	19	5.367	20	5.544
21	5.519	22	5.401	23	5.616	24	5.485
25	5.477	26	5.482	27	5.669	28	5.553
29	5.682	30	5.308	31	5.293	32	5.496
33	5.480	34	5.593	35	5.268	36	5.324
37	5.657	38	5.587	39	5.712	40	5.635
41	5.473	42	5.441	43	5.442	44	5.649
45	5.597	46	5.517	47	5.279	48	5.454
49	5.689	50	5.456	51	5.529	52	5.391
53	5.515	54	5.350	55	5.434	56	5.505
57	5.539	58	5.582	59	5.604	60	5.370
61	5.413	62	5.414	63	5.285	64	5.605
65	5.648	66	5.345	67	5.489	68	5.671
69	5.540	70	5.289	71	5.598	72	5.542
73	5.636	74	5.381	75	5.347	76	5.522
77	5.711	78	5.693	79	5.319	80	5.431
81	5.501	82	5.486	83	5.280	84	5.647
85	5.398	86	5.259	87	5.570	88	5.504
89	5.558	90	5.426	91	5.706	92	5.291
93	5.253	94	5.662	95	5.362	96	5.667
97	5.590	98	5.569	99	5.531	100	5.405

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.642	2	5.685	3	5.613	4	5.701
5	5.526	6	5.604	7	5.329	8	5.551
9	5.624	10	5.389	11	5.696	12	5.599
13	5.323	14	5.274	15	5.293	16	5.416
17	5.720	18	5.453	19	5.655	20	5.608
21	5.344	22	5.349	23	5.399	24	5.605
25	5.326	26	5.693	27	5.674	28	5.255
29	5.370	30	5.285	31	5.666	32	5.578
33	5.260	34	5.275	35	5.409	36	5.715
37	5.660	38	5.460	39	5.324	40	5.509
41	5.712	42	5.312	43	5.480	44	5.375
45	5.681	46	5.631	47	5.714	48	5.512
49	5.445	50	5.514	51	5.354	52	5.483
53	5.490	54	5.654	55	5.386	56	5.291
57	5.476	58	5.716	59	5.362	60	5.265
61	5.680	62	5.439	63	5.541	64	5.573
65	5.682	66	5.644	67	5.414	68	5.422
69	5.668	70	5.677	71	5.609	72	5.705
73	5.473	74	5.517	75	5.482	76	5.549
77	5.360	78	5.485	79	5.684	80	5.317
81	5.264	82	5.711	83	5.355	84	5.596
85	5.300	86	5.592	87	5.303	88	5.594
89	5.579	90	5.649	91	5.340	92	5.667
93	5.643	94	5.575	95	5.396	96	5.436
97	5.437	98	5.408	99	5.561	100	5.421

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.597	2	5.360	3	5.666	4	5.431
5	5.587	6	5.521	7	5.471	8	5.553
9	5.676	10	5.338	11	5.722	12	5.347
13	5.458	14	5.498	15	5.620	16	5.641
17	5.596	18	5.295	19	5.317	20	5.605
21	5.532	22	5.650	23	5.558	24	5.700
25	5.495	26	5.481	27	5.485	28	5.390
29	5.656	30	5.648	31	5.365	32	5.708
33	5.371	34	5.441	35	5.702	36	5.504
37	5.261	38	5.398	39	5.392	40	5.572
41	5.683	42	5.567	43	5.585	44	5.623
45	5.569	46	5.256	47	5.505	48	5.649
49	5.426	50	5.264	51	5.640	52	5.690
53	5.520	54	5.466	55	5.593	56	5.568
57	5.325	58	5.383	59	5.300	60	5.389
61	5.469	62	5.253	63	5.285	64	5.724
65	5.538	66	5.467	67	5.519	68	5.686
69	5.539	70	5.313	71	5.713	72	5.312
73	5.654	74	5.299	75	5.446	76	5.366
77	5.320	78	5.479	79	5.492	80	5.340
81	5.548	82	5.671	83	5.698	84	5.674
85	5.343	86	5.710	87	5.443	88	5.503
89	5.599	90	5.474	91	5.502	92	5.437
93	5.263	94	5.604	95	5.393	96	5.372
97	5.369	98	5.262	99	5.711	100	5.527

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.667	2	5.626	3	5.314	4	5.440
5	5.527	6	5.365	7	5.653	8	5.652
9	5.469	10	5.694	11	5.496	12	5.634
13	5.517	14	5.354	15	5.481	16	5.505
17	5.292	18	5.254	19	5.569	20	5.649
21	5.433	22	5.604	23	5.404	24	5.349
25	5.416	26	5.551	27	5.603	28	5.561
29	5.386	30	5.648	31	5.369	32	5.252
33	5.635	34	5.605	35	5.399	36	5.485
37	5.391	38	5.641	39	5.518	40	5.607
41	5.529	42	5.590	43	5.520	44	5.514
45	5.409	46	5.336	47	5.567	48	5.679
49	5.698	50	5.594	51	5.564	52	5.419
53	5.657	54	5.668	55	5.689	56	5.306
57	5.385	58	5.278	59	5.688	60	5.423
61	5.674	62	5.536	63	5.544	64	5.435
65	5.251	66	5.601	67	5.438	68	5.280
69	5.260	70	5.288	71	5.711	72	5.389
73	5.640	74	5.556	75	5.664	76	5.718
77	5.677	78	5.651	79	5.277	80	5.420
81	5.300	82	5.683	83	5.573	84	5.702
85	5.256	86	5.684	87	5.533	88	5.362
89	5.443	90	5.712	91	5.612	92	5.606
93	5.491	94	5.364	95	5.338	96	5.417
97	5.428	98	5.553	99	5.595	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.652	2	5.260	3	5.508	4	5.643
5	5.653	6	5.659	7	5.381	8	5.683
9	5.724	10	5.711	11	5.577	12	5.333
13	5.682	14	5.307	15	5.258	16	5.603
17	5.605	18	5.534	19	5.520	20	5.491
21	5.367	22	5.672	23	5.355	24	5.372
25	5.651	26	5.541	27	5.274	28	5.666
29	5.498	30	5.336	31	5.420	32	5.701
33	5.496	34	5.707	35	5.361	36	5.608
37	5.582	38	5.631	39	5.289	40	5.386
41	5.568	42	5.671	43	5.455	44	5.279
45	5.558	46	5.595	47	5.363	48	5.352
49	5.549	50	5.434	51	5.602	52	5.362
53	5.379	54	5.419	55	5.554	56	5.686
57	5.366	58	5.516	59	5.285	60	5.405
61	5.319	62	5.596	63	5.394	64	5.385
65	5.356	66	5.300	67	5.641	68	5.280
69	5.332	70	5.626	71	5.674	72	5.295
73	5.664	74	5.600	75	5.523	76	5.440
77	5.286	78	5.490	79	5.259	80	5.593
81	5.531	82	5.634	83	5.489	84	5.559
85	5.527	86	5.578	87	5.322	88	5.589
89	5.709	90	5.525	91	5.535	92	5.537
93	5.636	94	5.521	95	5.323	96	5.716
97	5.611	98	5.632	99	5.282	100	5.598

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.448	2	5.353	3	5.542	4	5.384
5	5.676	6	5.609	7	5.518	8	5.454
9	5.662	10	5.516	11	5.357	12	5.406
13	5.491	14	5.438	15	5.408	16	5.263
17	5.625	18	5.559	19	5.652	20	5.280
21	5.577	22	5.254	23	5.556	24	5.472
25	5.672	26	5.282	27	5.639	28	5.527
29	5.612	30	5.569	31	5.555	32	5.630
33	5.347	34	5.607	35	5.647	36	5.425
37	5.422	38	5.329	39	5.501	40	5.704
41	5.364	42	5.374	43	5.702	44	5.554
45	5.644	46	5.277	47	5.626	48	5.418
49	5.587	50	5.604	51	5.677	52	5.558
53	5.568	54	5.534	55	5.497	56	5.401
57	5.252	58	5.466	59	5.571	60	5.584
61	5.714	62	5.682	63	5.552	64	5.610
65	5.597	66	5.392	67	5.370	68	5.456
69	5.316	70	5.274	71	5.506	72	5.523
73	5.537	74	5.533	75	5.546	76	5.645
77	5.276	78	5.505	79	5.484	80	5.684
81	5.679	82	5.259	83	5.285	84	5.668
85	5.723	86	5.656	87	5.673	88	5.255
89	5.594	90	5.339	91	5.268	92	5.502
93	5.496	94	5.503	95	5.323	96	5.273
97	5.342	98	5.711	99	5.410	100	5.661

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.407	2	5.441	3	5.498	4	5.515
5	5.358	6	5.316	7	5.659	8	5.695
9	5.542	10	5.393	11	5.592	12	5.682
13	5.332	14	5.675	15	5.608	16	5.588
17	5.578	18	5.291	19	5.614	20	5.282
21	5.648	22	5.476	23	5.273	24	5.312
25	5.697	26	5.658	27	5.349	28	5.600
29	5.279	30	5.431	31	5.484	32	5.372
33	5.283	34	5.378	35	5.401	36	5.505
37	5.471	38	5.295	39	5.470	40	5.341
41	5.669	42	5.366	43	5.290	44	5.475
45	5.549	46	5.633	47	5.430	48	5.539
49	5.425	50	5.387	51	5.511	52	5.373
53	5.514	54	5.634	55	5.297	56	5.461
57	5.392	58	5.516	59	5.270	60	5.280
61	5.427	62	5.570	63	5.289	64	5.310
65	5.411	66	5.412	67	5.711	68	5.568
69	5.386	70	5.655	71	5.409	72	5.374
73	5.437	74	5.302	75	5.617	76	5.572
77	5.370	78	5.667	79	5.601	80	5.447
81	5.551	82	5.525	83	5.292	84	5.481
85	5.571	86	5.605	87	5.395	88	5.496
89	5.402	90	5.644	91	5.631	92	5.432
93	5.694	94	5.662	95	5.540	96	5.489
97	5.463	98	5.521	99	5.486	100	5.616

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.544	2	5.339	3	5.529	4	5.472
5	5.508	6	5.431	7	5.596	8	5.270
9	5.327	10	5.379	11	5.662	12	5.462
13	5.273	14	5.617	15	5.651	16	5.377
17	5.686	18	5.415	19	5.488	20	5.380
21	5.351	22	5.688	23	5.260	24	5.530
25	5.589	26	5.703	27	5.632	28	5.609
29	5.333	30	5.286	31	5.507	32	5.693
33	5.664	34	5.582	35	5.461	36	5.358
37	5.667	38	5.555	39	5.367	40	5.570
41	5.711	42	5.372	43	5.537	44	5.267
45	5.301	46	5.585	47	5.288	48	5.583
49	5.398	50	5.421	51	5.291	52	5.445
53	5.541	54	5.504	55	5.384	56	5.299
57	5.543	58	5.556	59	5.496	60	5.477
61	5.423	62	5.678	63	5.624	64	5.353
65	5.413	66	5.296	67	5.706	68	5.685
69	5.473	70	5.722	71	5.424	72	5.525
73	5.674	74	5.359	75	5.325	76	5.489
77	5.614	78	5.622	79	5.294	80	5.573
81	5.494	82	5.326	83	5.394	84	5.482
85	5.650	86	5.435	87	5.659	88	5.400
89	5.637	90	5.355	91	5.258	92	5.449
93	5.718	94	5.676	95	5.447	96	5.549
97	5.640	98	5.645	99	5.276	100	5.533

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.358	2	5.430	3	5.615	4	5.653
5	5.439	6	5.310	7	5.399	8	5.722
9	5.721	10	5.494	11	5.352	12	5.449
13	5.538	14	5.337	15	5.438	16	5.262
17	5.307	18	5.409	19	5.503	20	5.419
21	5.487	22	5.282	23	5.417	24	5.295
25	5.644	26	5.622	27	5.383	28	5.334
29	5.692	30	5.658	31	5.598	32	5.372
33	5.573	34	5.576	35	5.491	36	5.621
37	5.380	38	5.586	39	5.527	40	5.698
41	5.342	42	5.275	43	5.492	44	5.630
45	5.529	46	5.724	47	5.269	48	5.411
49	5.474	50	5.608	51	5.553	52	5.602
53	5.429	54	5.478	55	5.312	56	5.318
57	5.673	58	5.297	59	5.369	60	5.377
61	5.375	62	5.285	63	5.558	64	5.260
65	5.390	66	5.268	67	5.656	68	5.370
69	5.596	70	5.605	71	5.591	72	5.629
73	5.506	74	5.351	75	5.281	76	5.336
77	5.524	78	5.521	79	5.461	80	5.367
81	5.296	82	5.347	83	5.435	84	5.329
85	5.340	86	5.299	87	5.680	88	5.448
89	5.261	90	5.510	91	5.265	92	5.555
93	5.595	94	5.457	95	5.280	96	5.359
97	5.410	98	5.509	99	5.379	100	5.447

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.393	2	5.673	3	5.362	4	5.390
5	5.528	6	5.625	7	5.315	8	5.383
9	5.653	10	5.342	11	5.572	12	5.613
13	5.252	14	5.520	15	5.685	16	5.292
17	5.268	18	5.450	19	5.259	20	5.674
21	5.321	22	5.371	23	5.531	24	5.381
25	5.284	26	5.403	27	5.599	28	5.549
29	5.400	30	5.482	31	5.281	32	5.454
33	5.689	34	5.290	35	5.481	36	5.540
37	5.571	38	5.368	39	5.440	40	5.555
41	5.607	42	5.399	43	5.713	44	5.301
45	5.423	46	5.369	47	5.445	48	5.566
49	5.574	50	5.724	51	5.639	52	5.406
53	5.407	54	5.543	55	5.476	56	5.660
57	5.633	58	5.700	59	5.417	60	5.439
61	5.589	62	5.585	63	5.435	64	5.500
65	5.715	66	5.280	67	5.697	68	5.366
69	5.442	70	5.558	71	5.286	72	5.448
73	5.716	74	5.508	75	5.634	76	5.488
77	5.657	78	5.554	79	5.461	80	5.721
81	5.517	82	5.269	83	5.584	84	5.693
85	5.587	86	5.502	87	5.431	88	5.405
89	5.272	90	5.707	91	5.667	92	5.418
93	5.662	94	5.387	95	5.610	96	5.536
97	5.485	98	5.605	99	5.526	100	5.279

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.293	2	5.401	3	5.260	4	5.640
5	5.308	6	5.684	7	5.527	8	5.417
9	5.419	10	5.660	11	5.495	12	5.628
13	5.363	14	5.470	15	5.517	16	5.412
17	5.446	18	5.302	19	5.567	20	5.712
21	5.272	22	5.335	23	5.582	24	5.500
25	5.311	26	5.550	27	5.378	28	5.601
29	5.671	30	5.667	31	5.452	32	5.271
33	5.283	34	5.719	35	5.536	36	5.652
37	5.526	38	5.481	39	5.657	40	5.254
41	5.343	42	5.505	43	5.542	44	5.483
45	5.342	46	5.259	47	5.710	48	5.545
49	5.410	50	5.516	51	5.489	52	5.696
53	5.512	54	5.554	55	5.571	56	5.433
57	5.445	58	5.634	59	5.345	60	5.434
61	5.716	62	5.613	63	5.541	64	5.268
65	5.282	66	5.252	67	5.442	68	5.488
69	5.703	70	5.586	71	5.349	72	5.544
73	5.325	74	5.514	75	5.456	76	5.508
77	5.403	78	5.387	79	5.406	80	5.653
81	5.497	82	5.454	83	5.307	84	5.430
85	5.377	86	5.431	87	5.382	88	5.539
89	5.251	90	5.420	91	5.638	92	5.676
93	5.592	94	5.579	95	5.463	96	5.678
97	5.262	98	5.364	99	5.388	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.700	2	5.350	3	5.410	4	5.401
5	5.669	6	5.409	7	5.462	8	5.338
9	5.266	10	5.526	11	5.681	12	5.337
13	5.420	14	5.267	15	5.516	16	5.629
17	5.389	18	5.299	19	5.490	20	5.398
21	5.380	22	5.418	23	5.523	24	5.655
25	5.360	26	5.328	27	5.397	28	5.639
29	5.417	30	5.423	31	5.540	32	5.342
33	5.656	34	5.296	35	5.491	36	5.635
37	5.395	38	5.255	39	5.556	40	5.254
41	5.278	42	5.648	43	5.295	44	5.576
45	5.686	46	5.569	47	5.439	48	5.476
49	5.614	50	5.422	51	5.336	52	5.367
53	5.259	54	5.461	55	5.566	56	5.702
57	5.345	58	5.307	59	5.319	60	5.289
61	5.517	62	5.281	63	5.581	64	5.673
65	5.489	66	5.339	67	5.436	68	5.352
69	5.440	70	5.634	71	5.504	72	5.411
73	5.407	74	5.625	75	5.601	76	5.678
77	5.671	78	5.282	79	5.710	80	5.324
81	5.264	82	5.536	83	5.633	84	5.499
85	5.271	86	5.568	87	5.559	88	5.644
89	5.514	90	5.664	91	5.326	92	5.294
93	5.646	94	5.315	95	5.340	96	5.408
97	5.638	98	5.599	99	5.670	100	5.561

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.563	2	5.478	3	5.723	4	5.319
5	5.374	6	5.492	7	5.469	8	5.292
9	5.525	10	5.252	11	5.350	12	5.608
13	5.323	14	5.681	15	5.388	16	5.545
17	5.291	18	5.517	19	5.253	20	5.383
21	5.489	22	5.654	23	5.704	24	5.616
25	5.621	26	5.593	27	5.435	28	5.332
29	5.420	30	5.375	31	5.587	32	5.610
33	5.498	34	5.376	35	5.661	36	5.596
37	5.413	38	5.269	39	5.701	40	5.510
41	5.266	42	5.626	43	5.516	44	5.483
45	5.467	46	5.518	47	5.586	48	5.255
49	5.512	50	5.315	51	5.639	52	5.316
53	5.667	54	5.625	55	5.495	56	5.560
57	5.455	58	5.286	59	5.324	60	5.678
61	5.555	62	5.594	63	5.662	64	5.505
65	5.320	66	5.685	67	5.282	68	5.335
69	5.677	70	5.585	71	5.526	72	5.670
73	5.400	74	5.541	75	5.488	76	5.477
77	5.480	78	5.507	79	5.449	80	5.385
81	5.473	82	5.412	83	5.714	84	5.549
85	5.690	86	5.295	87	5.619	88	5.683
89	5.411	90	5.343	91	5.664	92	5.637
93	5.351	94	5.285	95	5.691	96	5.554
97	5.415	98	5.530	99	5.692	100	5.452

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.497	2	5.599	3	5.670	4	5.665
5	5.351	6	5.278	7	5.388	8	5.600
9	5.263	10	5.572	11	5.364	12	5.532
13	5.643	14	5.487	15	5.486	16	5.631
17	5.515	18	5.492	19	5.373	20	5.442
21	5.358	22	5.293	23	5.562	24	5.355
25	5.496	26	5.467	27	5.679	28	5.707
29	5.607	30	5.513	31	5.489	32	5.485
33	5.320	34	5.418	35	5.621	36	5.416
37	5.522	38	5.407	39	5.303	40	5.357
41	5.378	42	5.542	43	5.678	44	5.452
45	5.574	46	5.449	47	5.546	48	5.610
49	5.434	50	5.613	51	5.650	52	5.469
53	5.281	54	5.608	55	5.524	56	5.529
57	5.428	58	5.661	59	5.544	60	5.512
61	5.393	62	5.411	63	5.471	64	5.462
65	5.504	66	5.399	67	5.638	68	5.298
69	5.395	70	5.553	71	5.273	72	5.578
73	5.463	74	5.423	75	5.307	76	5.516
77	5.507	78	5.480	79	5.360	80	5.721
81	5.598	82	5.376	83	5.494	84	5.398
85	5.595	86	5.521	87	5.305	88	5.446
89	5.275	90	5.443	91	5.316	92	5.437
93	5.549	94	5.693	95	5.269	96	5.295
97	5.668	98	5.586	99	5.719	100	5.615

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.691	2	5.551	3	5.579	4	5.350
5	5.688	6	5.622	7	5.294	8	5.547
9	5.460	10	5.446	11	5.270	12	5.541
13	5.620	14	5.571	15	5.384	16	5.633
17	5.477	18	5.503	19	5.553	20	5.629
21	5.472	22	5.542	23	5.528	24	5.544
25	5.613	26	5.700	27	5.434	28	5.358
29	5.525	30	5.305	31	5.644	32	5.516
33	5.648	34	5.684	35	5.488	36	5.478
37	5.498	38	5.335	39	5.441	40	5.361
41	5.411	42	5.420	43	5.396	44	5.515
45	5.353	46	5.266	47	5.451	48	5.386
49	5.617	50	5.588	51	5.374	52	5.532
53	5.666	54	5.669	55	5.314	56	5.431
57	5.520	58	5.306	59	5.272	60	5.279
61	5.634	62	5.654	63	5.619	64	5.504
65	5.334	66	5.685	67	5.690	68	5.646
69	5.575	70	5.641	71	5.297	72	5.282
73	5.713	74	5.479	75	5.663	76	5.695
77	5.492	78	5.493	79	5.668	80	5.327
81	5.288	82	5.296	83	5.413	84	5.511
85	5.486	86	5.597	87	5.286	88	5.661
89	5.421	90	5.405	91	5.536	92	5.719
93	5.518	94	5.590	95	5.608	96	5.408
97	5.582	98	5.303	99	5.449	100	5.414

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.680	2	5.483	3	5.416	4	5.549
5	5.475	6	5.321	7	5.633	8	5.278
9	5.311	10	5.524	11	5.678	12	5.521
13	5.605	14	5.367	15	5.691	16	5.672
17	5.370	18	5.504	19	5.488	20	5.433
21	5.465	22	5.282	23	5.266	24	5.701
25	5.709	26	5.267	27	5.445	28	5.385
29	5.623	30	5.299	31	5.419	32	5.707
33	5.617	34	5.322	35	5.498	36	5.632
37	5.649	38	5.546	39	5.446	40	5.541
41	5.599	42	5.630	43	5.256	44	5.568
45	5.566	46	5.537	47	5.534	48	5.277
49	5.618	50	5.374	51	5.455	52	5.283
53	5.564	54	5.312	55	5.693	56	5.436
57	5.338	58	5.372	59	5.272	60	5.369
61	5.696	62	5.507	63	5.695	64	5.529
65	5.317	66	5.384	67	5.297	68	5.494
69	5.366	70	5.705	71	5.300	72	5.715
73	5.481	74	5.287	75	5.698	76	5.301
77	5.655	78	5.670	79	5.264	80	5.420
81	5.262	82	5.676	83	5.683	84	5.394
85	5.540	86	5.337	87	5.326	88	5.431
89	5.381	90	5.505	91	5.515	92	5.275
93	5.408	94	5.690	95	5.306	96	5.359
97	5.427	98	5.342	99	5.356	100	5.462

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.600	2	5.680	3	5.444	4	5.459
5	5.718	6	5.298	7	5.441	8	5.605
9	5.622	10	5.505	11	5.286	12	5.634
13	5.683	14	5.583	15	5.428	16	5.667
17	5.570	18	5.549	19	5.553	20	5.353
21	5.602	22	5.544	23	5.377	24	5.341
25	5.677	26	5.713	27	5.629	28	5.321
29	5.483	30	5.363	31	5.636	32	5.504
33	5.595	34	5.384	35	5.474	36	5.625
37	5.269	38	5.624	39	5.665	40	5.375
41	5.712	42	5.345	43	5.418	44	5.457
45	5.311	46	5.656	47	5.507	48	5.429
49	5.440	50	5.320	51	5.540	52	5.477
53	5.411	54	5.561	55	5.352	56	5.317
57	5.497	58	5.423	59	5.576	60	5.367
61	5.509	62	5.472	63	5.641	64	5.597
65	5.559	66	5.585	67	5.626	68	5.336
69	5.271	70	5.313	71	5.420	72	5.448
73	5.443	74	5.381	75	5.647	76	5.431
77	5.370	78	5.580	79	5.323	80	5.548
81	5.430	82	5.596	83	5.523	84	5.530
85	5.560	86	5.592	87	5.314	88	5.422
89	5.607	90	5.385	91	5.628	92	5.421
93	5.463	94	5.437	95	5.646	96	5.648
97	5.536	98	5.296	99	5.312	100	5.409

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.290	2	5.317	3	5.630	4	5.724
5	5.411	6	5.700	7	5.507	8	5.263
9	5.308	10	5.568	11	5.400	12	5.252
13	5.499	14	5.570	15	5.528	16	5.461
17	5.638	18	5.399	19	5.398	20	5.254
21	5.684	22	5.616	23	5.659	24	5.285
25	5.640	26	5.647	27	5.357	28	5.279
29	5.324	30	5.323	31	5.327	32	5.626
33	5.722	34	5.345	35	5.302	36	5.483
37	5.702	38	5.384	39	5.305	40	5.651
41	5.498	42	5.693	43	5.255	44	5.564
45	5.299	46	5.482	47	5.446	48	5.704
49	5.459	50	5.582	51	5.288	52	5.720
53	5.335	54	5.286	55	5.541	56	5.457
57	5.272	58	5.365	59	5.529	60	5.618
61	5.441	62	5.581	63	5.386	64	5.650
65	5.580	66	5.612	67	5.601	68	5.557
69	5.486	70	5.608	71	5.511	72	5.664
73	5.675	74	5.525	75	5.567	76	5.678
77	5.586	78	5.336	79	5.291	80	5.387
81	5.625	82	5.356	83	5.412	84	5.706
85	5.591	86	5.688	87	5.374	88	5.401
89	5.510	90	5.624	91	5.321	92	5.339
93	5.466	94	5.475	95	5.655	96	5.328
97	5.513	98	5.686	99	5.352	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.367	2	5.276	3	5.659	4	5.686
5	5.388	6	5.552	7	5.452	8	5.285
9	5.475	10	5.441	11	5.514	12	5.266
13	5.432	14	5.462	15	5.545	16	5.348
17	5.442	18	5.489	19	5.271	20	5.277
21	5.542	22	5.594	23	5.411	24	5.517
25	5.613	26	5.275	27	5.426	28	5.661
29	5.286	30	5.595	31	5.645	32	5.688
33	5.357	34	5.690	35	5.543	36	5.364
37	5.497	38	5.393	39	5.435	40	5.345
41	5.482	42	5.344	43	5.570	44	5.593
45	5.715	46	5.602	47	5.548	48	5.451
49	5.633	50	5.471	51	5.605	52	5.324
53	5.550	54	5.526	55	5.445	56	5.651
57	5.289	58	5.582	59	5.535	60	5.251
61	5.549	62	5.362	63	5.527	64	5.294
65	5.539	66	5.423	67	5.268	68	5.400
69	5.368	70	5.684	71	5.553	72	5.703
73	5.460	74	5.436	75	5.448	76	5.309
77	5.290	78	5.260	79	5.444	80	5.588
81	5.530	82	5.682	83	5.418	84	5.560
85	5.320	86	5.486	87	5.404	88	5.428
89	5.663	90	5.401	91	5.580	92	5.484
93	5.495	94	5.319	95	5.267	96	5.618
97	5.431	98	5.327	99	5.252	100	5.547

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.280	2	5.283	3	5.409	4	5.651
5	5.340	6	5.620	7	5.366	8	5.353
9	5.501	10	5.456	11	5.573	12	5.583
13	5.375	14	5.630	15	5.291	16	5.333
17	5.477	18	5.453	19	5.513	20	5.510
21	5.445	22	5.407	23	5.401	24	5.671
25	5.523	26	5.428	27	5.655	28	5.603
29	5.650	30	5.270	31	5.348	32	5.367
33	5.564	34	5.673	35	5.362	36	5.378
37	5.528	38	5.334	39	5.365	40	5.568
41	5.341	42	5.636	43	5.411	44	5.549
45	5.394	46	5.271	47	5.420	48	5.724
49	5.467	50	5.423	51	5.427	52	5.580
53	5.611	54	5.313	55	5.584	56	5.553
57	5.396	58	5.688	59	5.516	60	5.433
61	5.487	62	5.308	63	5.296	64	5.338
65	5.666	66	5.464	67	5.389	68	5.421
69	5.721	70	5.605	71	5.555	72	5.447
73	5.455	74	5.567	75	5.585	76	5.656
77	5.469	78	5.640	79	5.629	80	5.424
81	5.481	82	5.329	83	5.342	84	5.610
85	5.710	86	5.489	87	5.343	88	5.442
89	5.692	90	5.292	91	5.702	92	5.601
93	5.491	94	5.626	95	5.644	96	5.641
97	5.406	98	5.450	99	5.569	100	5.690

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.615	2	5.657	3	5.676	4	5.592
5	5.327	6	5.300	7	5.337	8	5.680
9	5.448	10	5.690	11	5.417	12	5.567
13	5.604	14	5.694	15	5.516	16	5.503
17	5.312	18	5.598	19	5.696	20	5.383
21	5.718	22	5.475	23	5.603	24	5.464
25	5.425	26	5.677	27	5.320	28	5.367
29	5.313	30	5.436	31	5.463	32	5.699
33	5.565	34	5.371	35	5.411	36	5.659
37	5.661	38	5.649	39	5.391	40	5.589
41	5.452	42	5.410	43	5.484	44	5.302
45	5.692	46	5.270	47	5.386	48	5.279
49	5.601	50	5.513	51	5.602	52	5.673
53	5.501	54	5.557	55	5.494	56	5.254
57	5.571	58	5.264	59	5.573	60	5.440
61	5.281	62	5.423	63	5.358	64	5.500
65	5.701	66	5.525	67	5.446	68	5.369
69	5.499	70	5.582	71	5.717	72	5.664
73	5.515	74	5.514	75	5.461	76	5.631
77	5.719	78	5.606	79	5.483	80	5.449
81	5.458	82	5.447	83	5.616	84	5.482
85	5.453	86	5.263	87	5.542	88	5.399
89	5.469	90	5.275	91	5.295	92	5.291
93	5.416	94	5.444	95	5.599	96	5.522
97	5.640	98	5.632	99	5.472	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.339	2	5.672	3	5.594	4	5.694
5	5.660	6	5.647	7	5.656	8	5.705
9	5.551	10	5.542	11	5.295	12	5.316
13	5.454	14	5.592	15	5.582	16	5.303
17	5.465	18	5.417	19	5.512	20	5.710
21	5.289	22	5.286	23	5.277	24	5.440
25	5.584	26	5.518	27	5.505	28	5.597
29	5.326	30	5.371	31	5.374	32	5.639
33	5.355	34	5.609	35	5.618	36	5.463
37	5.425	38	5.404	39	5.711	40	5.506
41	5.394	42	5.431	43	5.703	44	5.489
45	5.596	46	5.575	47	5.515	48	5.655
49	5.652	50	5.494	51	5.358	52	5.648
53	5.376	54	5.457	55	5.279	56	5.707
57	5.412	58	5.396	59	5.319	60	5.430
61	5.363	62	5.379	63	5.544	64	5.364
65	5.499	66	5.622	67	5.476	68	5.536
69	5.487	70	5.587	71	5.452	72	5.418
73	5.333	74	5.321	75	5.528	76	5.574
77	5.619	78	5.386	79	5.633	80	5.467
81	5.600	82	5.500	83	5.504	84	5.265
85	5.625	86	5.359	87	5.485	88	5.372
89	5.569	90	5.456	91	5.573	92	5.581
93	5.281	94	5.314	95	5.721	96	5.650
97	5.713	98	5.275	99	5.686	100	5.708

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.452	2	5.650	3	5.373	4	5.568
5	5.602	6	5.448	7	5.593	8	5.367
9	5.529	10	5.515	11	5.598	12	5.338
13	5.380	14	5.524	15	5.371	16	5.401
17	5.522	18	5.411	19	5.715	20	5.590
21	5.300	22	5.691	23	5.433	24	5.430
25	5.670	26	5.318	27	5.319	28	5.333
29	5.260	30	5.425	31	5.530	32	5.708
33	5.722	34	5.712	35	5.501	36	5.654
37	5.485	38	5.424	39	5.638	40	5.445
41	5.564	42	5.439	43	5.376	44	5.442
45	5.619	46	5.552	47	5.347	48	5.408
49	5.316	50	5.643	51	5.269	52	5.484
53	5.687	54	5.419	55	5.573	56	5.473
57	5.327	58	5.293	59	5.611	60	5.475
61	5.537	62	5.583	63	5.444	64	5.661
65	5.551	66	5.255	67	5.364	68	5.349
69	5.574	70	5.588	71	5.680	72	5.497
73	5.585	74	5.534	75	5.365	76	5.721
77	5.469	78	5.488	79	5.406	80	5.348
81	5.504	82	5.671	83	5.651	84	5.375
85	5.286	86	5.507	87	5.414	88	5.519
89	5.684	90	5.438	91	5.520	92	5.265
93	5.404	94	5.711	95	5.586	96	5.657
97	5.302	98	5.575	99	5.490	100	5.464

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.434	2	5.680	3	5.335	4	5.560
5	5.369	6	5.305	7	5.710	8	5.275
9	5.315	10	5.475	11	5.269	12	5.460
13	5.533	14	5.627	15	5.702	16	5.661
17	5.707	18	5.356	19	5.687	20	5.328
21	5.656	22	5.563	23	5.581	24	5.361
25	5.694	26	5.468	27	5.456	28	5.304
29	5.499	30	5.255	31	5.391	32	5.647
33	5.320	34	5.653	35	5.298	36	5.536
37	5.665	38	5.268	39	5.623	40	5.721
41	5.620	42	5.611	43	5.313	44	5.570
45	5.545	46	5.716	47	5.524	48	5.628
49	5.698	50	5.558	51	5.278	52	5.723
53	5.420	54	5.359	55	5.722	56	5.492
57	5.446	58	5.354	59	5.474	60	5.638
61	5.720	62	5.618	63	5.582	64	5.326
65	5.398	66	5.410	67	5.634	68	5.344
69	5.697	70	5.253	71	5.519	72	5.424
73	5.594	74	5.286	75	5.599	76	5.264
77	5.718	78	5.576	79	5.682	80	5.432
81	5.584	82	5.462	83	5.525	84	5.336
85	5.577	86	5.459	87	5.714	88	5.449
89	5.483	90	5.490	91	5.347	92	5.277
93	5.478	94	5.292	95	5.274	96	5.377
97	5.617	98	5.367	99	5.472	100	5.337

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.410	2	5.585	3	5.609	4	5.523
5	5.304	6	5.466	7	5.262	8	5.617
9	5.311	10	5.677	11	5.590	12	5.283
13	5.305	14	5.601	15	5.404	16	5.690
17	5.302	18	5.655	19	5.668	20	5.389
21	5.412	22	5.709	23	5.286	24	5.631
25	5.626	26	5.487	27	5.257	28	5.491
29	5.328	30	5.345	31	5.651	32	5.275
33	5.605	34	5.430	35	5.588	36	5.705
37	5.289	38	5.694	39	5.365	40	5.307
41	5.673	42	5.288	43	5.458	44	5.363
45	5.573	46	5.424	47	5.654	48	5.354
49	5.548	50	5.696	51	5.440	52	5.701
53	5.629	54	5.390	55	5.334	56	5.507
57	5.434	58	5.724	59	5.485	60	5.444
61	5.527	62	5.428	63	5.360	64	5.377
65	5.542	66	5.641	67	5.423	68	5.446
69	5.483	70	5.478	71	5.537	72	5.293
73	5.612	74	5.476	75	5.445	76	5.702
77	5.596	78	5.388	79	5.544	80	5.499
81	5.621	82	5.353	83	5.402	84	5.603
85	5.650	86	5.469	87	5.327	88	5.313
89	5.721	90	5.432	91	5.646	92	5.680
93	5.640	94	5.295	95	5.606	96	5.604
97	5.539	98	5.325	99	5.468	100	5.484

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.631	2	5.628	3	5.645	4	5.347
5	5.591	6	5.427	7	5.333	8	5.692
9	5.441	10	5.504	11	5.600	12	5.551
13	5.271	14	5.647	15	5.646	16	5.406
17	5.613	18	5.291	19	5.362	20	5.394
21	5.470	22	5.458	23	5.546	24	5.563
25	5.318	26	5.397	27	5.260	28	5.636
29	5.576	30	5.430	31	5.391	32	5.460
33	5.361	34	5.708	35	5.698	36	5.544
37	5.258	38	5.474	39	5.703	40	5.416
41	5.657	42	5.328	43	5.277	44	5.617
45	5.449	46	5.489	47	5.575	48	5.268
49	5.294	50	5.723	51	5.644	52	5.590
53	5.256	54	5.721	55	5.261	56	5.259
57	5.514	58	5.476	59	5.345	60	5.459
61	5.462	62	5.266	63	5.407	64	5.488
65	5.286	66	5.371	67	5.571	68	5.556
69	5.588	70	5.654	71	5.678	72	5.354
73	5.472	74	5.526	75	5.487	76	5.468
77	5.508	78	5.388	79	5.446	80	5.520
81	5.418	82	5.390	83	5.550	84	5.482
85	5.337	86	5.404	87	5.664	88	5.465
89	5.598	90	5.257	91	5.392	92	5.516
93	5.448	94	5.327	95	5.614	96	5.594
97	5.633	98	5.637	99	5.715	100	5.329

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Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.540	2	5.513	3	5.526	4	5.574
5	5.501	6	5.717	7	5.590	8	5.373
9	5.338	10	5.534	11	5.388	12	5.493
13	5.447	14	5.554	15	5.593	16	5.566
17	5.688	18	5.715	19	5.350	20	5.713
21	5.404	22	5.374	23	5.571	24	5.420
25	5.588	26	5.277	27	5.407	28	5.610
29	5.278	30	5.710	31	5.366	32	5.301
33	5.666	34	5.551	35	5.531	36	5.339
37	5.410	38	5.303	39	5.267	40	5.538
41	5.327	42	5.701	43	5.358	44	5.581
45	5.408	46	5.584	47	5.477	48	5.357
49	5.703	50	5.376	51	5.683	52	5.413
53	5.662	54	5.423	55	5.632	56	5.668
57	5.619	58	5.281	59	5.429	60	5.289
61	5.306	62	5.337	63	5.596	64	5.286
65	5.592	66	5.379	67	5.362	68	5.351
69	5.433	70	5.271	71	5.384	72	5.614
73	5.504	74	5.296	75	5.712	76	5.452
77	5.687	78	5.533	79	5.599	80	5.561
81	5.293	82	5.300	83	5.302	84	5.718
85	5.291	86	5.456	87	5.505	88	5.636
89	5.367	90	5.348	91	5.527	92	5.558
93	5.640	94	5.559	95	5.436	96	5.613
97	5.472	98	5.707	99	5.607	100	5.680

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.641	2	5.581	3	5.679	4	5.580
5	5.429	6	5.315	7	5.582	8	5.604
9	5.353	10	5.255	11	5.260	12	5.425
13	5.366	14	5.343	15	5.478	16	5.310
17	5.367	18	5.288	19	5.595	20	5.719
21	5.514	22	5.630	23	5.327	24	5.606
25	5.424	26	5.662	27	5.482	28	5.683
29	5.528	30	5.289	31	5.700	32	5.541
33	5.356	34	5.585	35	5.506	36	5.297
37	5.391	38	5.505	39	5.511	40	5.333
41	5.292	42	5.572	43	5.329	44	5.553
45	5.408	46	5.612	47	5.532	48	5.423
49	5.594	50	5.495	51	5.499	52	5.607
53	5.706	54	5.525	55	5.692	56	5.390
57	5.576	58	5.270	59	5.549	60	5.468
61	5.407	62	5.455	63	5.448	64	5.565
65	5.687	66	5.656	67	5.335	68	5.649
69	5.360	70	5.349	71	5.504	72	5.661
73	5.422	74	5.328	75	5.311	76	5.307
77	5.669	78	5.561	79	5.521	80	5.342
81	5.337	82	5.518	83	5.441	84	5.436
85	5.682	86	5.562	87	5.466	88	5.539
89	5.372	90	5.534	91	5.284	92	5.537
93	5.701	94	5.384	95	5.251	96	5.445
97	5.473	98	5.388	99	5.280	100	5.285

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.284	2	5.304	3	5.456	4	5.489
5	5.670	6	5.409	7	5.574	8	5.448
9	5.581	10	5.467	11	5.637	12	5.651
13	5.641	14	5.407	15	5.281	16	5.321
17	5.428	18	5.355	19	5.260	20	5.276
21	5.435	22	5.640	23	5.683	24	5.333
25	5.382	26	5.712	27	5.391	28	5.401
29	5.554	30	5.383	31	5.261	32	5.315
33	5.563	34	5.326	35	5.652	36	5.393
37	5.280	38	5.352	39	5.588	40	5.595
41	5.498	42	5.618	43	5.596	44	5.307
45	5.720	46	5.495	47	5.542	48	5.469
49	5.617	50	5.623	51	5.723	52	5.440
53	5.350	54	5.338	55	5.332	56	5.602
57	5.277	58	5.367	59	5.572	60	5.611
61	5.294	62	5.584	63	5.529	64	5.678
65	5.501	66	5.267	67	5.536	68	5.301
69	5.516	70	5.650	71	5.664	72	5.662
73	5.263	74	5.458	75	5.528	76	5.707
77	5.717	78	5.418	79	5.560	80	5.604
81	5.644	82	5.396	83	5.416	84	5.514
85	5.526	86	5.699	87	5.443	88	5.674
89	5.411	90	5.671	91	5.510	92	5.257
93	5.436	94	5.424	95	5.459	96	5.273
97	5.685	98	5.463	99	5.288	100	5.275

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.278	2	5.505	3	5.563	4	5.422
5	5.685	6	5.270	7	5.545	8	5.321
9	5.641	10	5.680	11	5.568	12	5.284
13	5.675	14	5.542	15	5.406	16	5.426
17	5.346	18	5.327	19	5.558	20	5.423
21	5.285	22	5.434	23	5.720	24	5.538
25	5.357	26	5.286	27	5.362	28	5.522
29	5.520	30	5.438	31	5.418	32	5.448
33	5.605	34	5.451	35	5.516	36	5.319
37	5.694	38	5.671	39	5.518	40	5.553
41	5.252	42	5.395	43	5.482	44	5.419
45	5.397	46	5.716	47	5.349	48	5.661
49	5.296	50	5.693	51	5.414	52	5.670
53	5.356	54	5.527	55	5.704	56	5.566
57	5.429	58	5.592	59	5.353	60	5.361
61	5.475	62	5.636	63	5.508	64	5.718
65	5.484	66	5.405	67	5.348	68	5.650
69	5.412	70	5.607	71	5.294	72	5.721
73	5.565	74	5.379	75	5.279	76	5.433
77	5.578	78	5.610	79	5.477	80	5.571
81	5.276	82	5.495	83	5.308	84	5.698
85	5.572	86	5.398	87	5.387	88	5.597
89	5.688	90	5.590	91	5.485	92	5.497
93	5.253	94	5.617	95	5.632	96	5.363
97	5.628	98	5.376	99	5.282	100	5.490

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.535	2	5.444	3	5.468	4	5.719
5	5.264	6	5.349	7	5.554	8	5.387
9	5.462	10	5.632	11	5.490	12	5.478
13	5.340	14	5.494	15	5.323	16	5.320
17	5.560	18	5.435	19	5.367	20	5.544
21	5.519	22	5.401	23	5.616	24	5.485
25	5.477	26	5.482	27	5.669	28	5.553
29	5.682	30	5.308	31	5.293	32	5.496
33	5.480	34	5.593	35	5.268	36	5.324
37	5.657	38	5.587	39	5.712	40	5.635
41	5.473	42	5.441	43	5.442	44	5.649
45	5.597	46	5.517	47	5.279	48	5.454
49	5.689	50	5.456	51	5.529	52	5.391
53	5.515	54	5.350	55	5.434	56	5.505
57	5.539	58	5.582	59	5.604	60	5.370
61	5.413	62	5.414	63	5.285	64	5.605
65	5.648	66	5.345	67	5.489	68	5.671
69	5.540	70	5.289	71	5.598	72	5.542
73	5.636	74	5.381	75	5.347	76	5.522
77	5.711	78	5.693	79	5.319	80	5.431
81	5.501	82	5.486	83	5.280	84	5.647
85	5.398	86	5.259	87	5.570	88	5.504
89	5.558	90	5.426	91	5.706	92	5.291
93	5.253	94	5.662	95	5.362	96	5.667
97	5.590	98	5.569	99	5.531	100	5.405

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.642	2	5.685	3	5.613	4	5.701
5	5.526	6	5.604	7	5.329	8	5.551
9	5.624	10	5.389	11	5.696	12	5.599
13	5.323	14	5.274	15	5.293	16	5.416
17	5.720	18	5.453	19	5.655	20	5.608
21	5.344	22	5.349	23	5.399	24	5.605
25	5.326	26	5.693	27	5.674	28	5.255
29	5.370	30	5.285	31	5.666	32	5.578
33	5.260	34	5.275	35	5.409	36	5.715
37	5.660	38	5.460	39	5.324	40	5.509
41	5.712	42	5.312	43	5.480	44	5.375
45	5.681	46	5.631	47	5.714	48	5.512
49	5.445	50	5.514	51	5.354	52	5.483
53	5.490	54	5.654	55	5.386	56	5.291
57	5.476	58	5.716	59	5.362	60	5.265
61	5.680	62	5.439	63	5.541	64	5.573
65	5.682	66	5.644	67	5.414	68	5.422
69	5.668	70	5.677	71	5.609	72	5.705
73	5.473	74	5.517	75	5.482	76	5.549
77	5.360	78	5.485	79	5.684	80	5.317
81	5.264	82	5.711	83	5.355	84	5.596
85	5.300	86	5.592	87	5.303	88	5.594
89	5.579	90	5.649	91	5.340	92	5.667
93	5.643	94	5.575	95	5.396	96	5.436
97	5.437	98	5.408	99	5.561	100	5.421

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.597	2	5.360	3	5.666	4	5.431
5	5.587	6	5.521	7	5.471	8	5.553
9	5.676	10	5.338	11	5.722	12	5.347
13	5.458	14	5.498	15	5.620	16	5.641
17	5.596	18	5.295	19	5.317	20	5.605
21	5.532	22	5.650	23	5.558	24	5.700
25	5.495	26	5.481	27	5.485	28	5.390
29	5.656	30	5.648	31	5.365	32	5.708
33	5.371	34	5.441	35	5.702	36	5.504
37	5.261	38	5.398	39	5.392	40	5.572
41	5.683	42	5.567	43	5.585	44	5.623
45	5.569	46	5.256	47	5.505	48	5.649
49	5.426	50	5.264	51	5.640	52	5.690
53	5.520	54	5.466	55	5.593	56	5.568
57	5.325	58	5.383	59	5.300	60	5.389
61	5.469	62	5.253	63	5.285	64	5.724
65	5.538	66	5.467	67	5.519	68	5.686
69	5.539	70	5.313	71	5.713	72	5.312
73	5.654	74	5.299	75	5.446	76	5.366
77	5.320	78	5.479	79	5.492	80	5.340
81	5.548	82	5.671	83	5.698	84	5.674
85	5.343	86	5.710	87	5.443	88	5.503
89	5.599	90	5.474	91	5.502	92	5.437
93	5.263	94	5.604	95	5.393	96	5.372
97	5.369	98	5.262	99	5.711	100	5.527

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.667	2	5.626	3	5.314	4	5.440
5	5.527	6	5.365	7	5.653	8	5.652
9	5.469	10	5.694	11	5.496	12	5.634
13	5.517	14	5.354	15	5.481	16	5.505
17	5.292	18	5.254	19	5.569	20	5.649
21	5.433	22	5.604	23	5.404	24	5.349
25	5.416	26	5.551	27	5.603	28	5.561
29	5.386	30	5.648	31	5.369	32	5.252
33	5.635	34	5.605	35	5.399	36	5.485
37	5.391	38	5.641	39	5.518	40	5.607
41	5.529	42	5.590	43	5.520	44	5.514
45	5.409	46	5.336	47	5.567	48	5.679
49	5.698	50	5.594	51	5.564	52	5.419
53	5.657	54	5.668	55	5.689	56	5.306
57	5.385	58	5.278	59	5.688	60	5.423
61	5.674	62	5.536	63	5.544	64	5.435
65	5.251	66	5.601	67	5.438	68	5.280
69	5.260	70	5.288	71	5.711	72	5.389
73	5.640	74	5.556	75	5.664	76	5.718
77	5.677	78	5.651	79	5.277	80	5.420
81	5.300	82	5.683	83	5.573	84	5.702
85	5.256	86	5.684	87	5.533	88	5.362
89	5.443	90	5.712	91	5.612	92	5.606
93	5.491	94	5.364	95	5.338	96	5.417
97	5.428	98	5.553	99	5.595	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.652	2	5.260	3	5.508	4	5.643
5	5.653	6	5.659	7	5.381	8	5.683
9	5.724	10	5.711	11	5.577	12	5.333
13	5.682	14	5.307	15	5.258	16	5.603
17	5.605	18	5.534	19	5.520	20	5.491
21	5.367	22	5.672	23	5.355	24	5.372
25	5.651	26	5.541	27	5.274	28	5.666
29	5.498	30	5.336	31	5.420	32	5.701
33	5.496	34	5.707	35	5.361	36	5.608
37	5.582	38	5.631	39	5.289	40	5.386
41	5.568	42	5.671	43	5.455	44	5.279
45	5.558	46	5.595	47	5.363	48	5.352
49	5.549	50	5.434	51	5.602	52	5.362
53	5.379	54	5.419	55	5.554	56	5.686
57	5.366	58	5.516	59	5.285	60	5.405
61	5.319	62	5.596	63	5.394	64	5.385
65	5.356	66	5.300	67	5.641	68	5.280
69	5.332	70	5.626	71	5.674	72	5.295
73	5.664	74	5.600	75	5.523	76	5.440
77	5.286	78	5.490	79	5.259	80	5.593
81	5.531	82	5.634	83	5.489	84	5.559
85	5.527	86	5.578	87	5.322	88	5.589
89	5.709	90	5.525	91	5.535	92	5.537
93	5.636	94	5.521	95	5.323	96	5.716
97	5.611	98	5.632	99	5.282	100	5.598

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.448	2	5.353	3	5.542	4	5.384
5	5.676	6	5.609	7	5.518	8	5.454
9	5.662	10	5.516	11	5.357	12	5.406
13	5.491	14	5.438	15	5.408	16	5.263
17	5.625	18	5.559	19	5.652	20	5.280
21	5.577	22	5.254	23	5.556	24	5.472
25	5.672	26	5.282	27	5.639	28	5.527
29	5.612	30	5.569	31	5.555	32	5.630
33	5.347	34	5.607	35	5.647	36	5.425
37	5.422	38	5.329	39	5.501	40	5.704
41	5.364	42	5.374	43	5.702	44	5.554
45	5.644	46	5.277	47	5.626	48	5.418
49	5.587	50	5.604	51	5.677	52	5.558
53	5.568	54	5.534	55	5.497	56	5.401
57	5.252	58	5.466	59	5.571	60	5.584
61	5.714	62	5.682	63	5.552	64	5.610
65	5.597	66	5.392	67	5.370	68	5.456
69	5.316	70	5.274	71	5.506	72	5.523
73	5.537	74	5.533	75	5.546	76	5.645
77	5.276	78	5.505	79	5.484	80	5.684
81	5.679	82	5.259	83	5.285	84	5.668
85	5.723	86	5.656	87	5.673	88	5.255
89	5.594	90	5.339	91	5.268	92	5.502
93	5.496	94	5.503	95	5.323	96	5.273
97	5.342	98	5.711	99	5.410	100	5.661

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.407	2	5.441	3	5.498	4	5.515
5	5.358	6	5.316	7	5.659	8	5.695
9	5.542	10	5.393	11	5.592	12	5.682
13	5.332	14	5.675	15	5.608	16	5.588
17	5.578	18	5.291	19	5.614	20	5.282
21	5.648	22	5.476	23	5.273	24	5.312
25	5.697	26	5.658	27	5.349	28	5.600
29	5.279	30	5.431	31	5.484	32	5.372
33	5.283	34	5.378	35	5.401	36	5.505
37	5.471	38	5.295	39	5.470	40	5.341
41	5.669	42	5.366	43	5.290	44	5.475
45	5.549	46	5.633	47	5.430	48	5.539
49	5.425	50	5.387	51	5.511	52	5.373
53	5.514	54	5.634	55	5.297	56	5.461
57	5.392	58	5.516	59	5.270	60	5.280
61	5.427	62	5.570	63	5.289	64	5.310
65	5.411	66	5.412	67	5.711	68	5.568
69	5.386	70	5.655	71	5.409	72	5.374
73	5.437	74	5.302	75	5.617	76	5.572
77	5.370	78	5.667	79	5.601	80	5.447
81	5.551	82	5.525	83	5.292	84	5.481
85	5.571	86	5.605	87	5.395	88	5.496
89	5.402	90	5.644	91	5.631	92	5.432
93	5.694	94	5.662	95	5.540	96	5.489
97	5.463	98	5.521	99	5.486	100	5.616

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.544	2	5.339	3	5.529	4	5.472
5	5.508	6	5.431	7	5.596	8	5.270
9	5.327	10	5.379	11	5.662	12	5.462
13	5.273	14	5.617	15	5.651	16	5.377
17	5.686	18	5.415	19	5.488	20	5.380
21	5.351	22	5.688	23	5.260	24	5.530
25	5.589	26	5.703	27	5.632	28	5.609
29	5.333	30	5.286	31	5.507	32	5.693
33	5.664	34	5.582	35	5.461	36	5.358
37	5.667	38	5.555	39	5.367	40	5.570
41	5.711	42	5.372	43	5.537	44	5.267
45	5.301	46	5.585	47	5.288	48	5.583
49	5.398	50	5.421	51	5.291	52	5.445
53	5.541	54	5.504	55	5.384	56	5.299
57	5.543	58	5.556	59	5.496	60	5.477
61	5.423	62	5.678	63	5.624	64	5.353
65	5.413	66	5.296	67	5.706	68	5.685
69	5.473	70	5.722	71	5.424	72	5.525
73	5.674	74	5.359	75	5.325	76	5.489
77	5.614	78	5.622	79	5.294	80	5.573
81	5.494	82	5.326	83	5.394	84	5.482
85	5.650	86	5.435	87	5.659	88	5.400
89	5.637	90	5.355	91	5.258	92	5.449
93	5.718	94	5.676	95	5.447	96	5.549
97	5.640	98	5.645	99	5.276	100	5.533

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.358	2	5.430	3	5.615	4	5.653
5	5.439	6	5.310	7	5.399	8	5.722
9	5.721	10	5.494	11	5.352	12	5.449
13	5.538	14	5.337	15	5.438	16	5.262
17	5.307	18	5.409	19	5.503	20	5.419
21	5.487	22	5.282	23	5.417	24	5.295
25	5.644	26	5.622	27	5.383	28	5.334
29	5.692	30	5.658	31	5.598	32	5.372
33	5.573	34	5.576	35	5.491	36	5.621
37	5.380	38	5.586	39	5.527	40	5.698
41	5.342	42	5.275	43	5.492	44	5.630
45	5.529	46	5.724	47	5.269	48	5.411
49	5.474	50	5.608	51	5.553	52	5.602
53	5.429	54	5.478	55	5.312	56	5.318
57	5.673	58	5.297	59	5.369	60	5.377
61	5.375	62	5.285	63	5.558	64	5.260
65	5.390	66	5.268	67	5.656	68	5.370
69	5.596	70	5.605	71	5.591	72	5.629
73	5.506	74	5.351	75	5.281	76	5.336
77	5.524	78	5.521	79	5.461	80	5.367
81	5.296	82	5.347	83	5.435	84	5.329
85	5.340	86	5.299	87	5.680	88	5.448
89	5.261	90	5.510	91	5.265	92	5.555
93	5.595	94	5.457	95	5.280	96	5.359
97	5.410	98	5.509	99	5.379	100	5.447

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.393	2	5.673	3	5.362	4	5.390
5	5.528	6	5.625	7	5.315	8	5.383
9	5.653	10	5.342	11	5.572	12	5.613
13	5.252	14	5.520	15	5.685	16	5.292
17	5.268	18	5.450	19	5.259	20	5.674
21	5.321	22	5.371	23	5.531	24	5.381
25	5.284	26	5.403	27	5.599	28	5.549
29	5.400	30	5.482	31	5.281	32	5.454
33	5.689	34	5.290	35	5.481	36	5.540
37	5.571	38	5.368	39	5.440	40	5.555
41	5.607	42	5.399	43	5.713	44	5.301
45	5.423	46	5.369	47	5.445	48	5.566
49	5.574	50	5.724	51	5.639	52	5.406
53	5.407	54	5.543	55	5.476	56	5.660
57	5.633	58	5.700	59	5.417	60	5.439
61	5.589	62	5.585	63	5.435	64	5.500
65	5.715	66	5.280	67	5.697	68	5.366
69	5.442	70	5.558	71	5.286	72	5.448
73	5.716	74	5.508	75	5.634	76	5.488
77	5.657	78	5.554	79	5.461	80	5.721
81	5.517	82	5.269	83	5.584	84	5.693
85	5.587	86	5.502	87	5.431	88	5.405
89	5.272	90	5.707	91	5.667	92	5.418
93	5.662	94	5.387	95	5.610	96	5.536
97	5.485	98	5.605	99	5.526	100	5.279

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.293	2	5.401	3	5.260	4	5.640
5	5.308	6	5.684	7	5.527	8	5.417
9	5.419	10	5.660	11	5.495	12	5.628
13	5.363	14	5.470	15	5.517	16	5.412
17	5.446	18	5.302	19	5.567	20	5.712
21	5.272	22	5.335	23	5.582	24	5.500
25	5.311	26	5.550	27	5.378	28	5.601
29	5.671	30	5.667	31	5.452	32	5.271
33	5.283	34	5.719	35	5.536	36	5.652
37	5.526	38	5.481	39	5.657	40	5.254
41	5.343	42	5.505	43	5.542	44	5.483
45	5.342	46	5.259	47	5.710	48	5.545
49	5.410	50	5.516	51	5.489	52	5.696
53	5.512	54	5.554	55	5.571	56	5.433
57	5.445	58	5.634	59	5.345	60	5.434
61	5.716	62	5.613	63	5.541	64	5.268
65	5.282	66	5.252	67	5.442	68	5.488
69	5.703	70	5.586	71	5.349	72	5.544
73	5.325	74	5.514	75	5.456	76	5.508
77	5.403	78	5.387	79	5.406	80	5.653
81	5.497	82	5.454	83	5.307	84	5.430
85	5.377	86	5.431	87	5.382	88	5.539
89	5.251	90	5.420	91	5.638	92	5.676
93	5.592	94	5.579	95	5.463	96	5.678
97	5.262	98	5.364	99	5.388	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.700	2	5.350	3	5.410	4	5.401
5	5.669	6	5.409	7	5.462	8	5.338
9	5.266	10	5.526	11	5.681	12	5.337
13	5.420	14	5.267	15	5.516	16	5.629
17	5.389	18	5.299	19	5.490	20	5.398
21	5.380	22	5.418	23	5.523	24	5.655
25	5.360	26	5.328	27	5.397	28	5.639
29	5.417	30	5.423	31	5.540	32	5.342
33	5.656	34	5.296	35	5.491	36	5.635
37	5.395	38	5.255	39	5.556	40	5.254
41	5.278	42	5.648	43	5.295	44	5.576
45	5.686	46	5.569	47	5.439	48	5.476
49	5.614	50	5.422	51	5.336	52	5.367
53	5.259	54	5.461	55	5.566	56	5.702
57	5.345	58	5.307	59	5.319	60	5.289
61	5.517	62	5.281	63	5.581	64	5.673
65	5.489	66	5.339	67	5.436	68	5.352
69	5.440	70	5.634	71	5.504	72	5.411
73	5.407	74	5.625	75	5.601	76	5.678
77	5.671	78	5.282	79	5.710	80	5.324
81	5.264	82	5.536	83	5.633	84	5.499
85	5.271	86	5.568	87	5.559	88	5.644
89	5.514	90	5.664	91	5.326	92	5.294
93	5.646	94	5.315	95	5.340	96	5.408
97	5.638	98	5.599	99	5.670	100	5.561

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.563	2	5.478	3	5.723	4	5.319
5	5.374	6	5.492	7	5.469	8	5.292
9	5.525	10	5.252	11	5.350	12	5.608
13	5.323	14	5.681	15	5.388	16	5.545
17	5.291	18	5.517	19	5.253	20	5.383
21	5.489	22	5.654	23	5.704	24	5.616
25	5.621	26	5.593	27	5.435	28	5.332
29	5.420	30	5.375	31	5.587	32	5.610
33	5.498	34	5.376	35	5.661	36	5.596
37	5.413	38	5.269	39	5.701	40	5.510
41	5.266	42	5.626	43	5.516	44	5.483
45	5.467	46	5.518	47	5.586	48	5.255
49	5.512	50	5.315	51	5.639	52	5.316
53	5.667	54	5.625	55	5.495	56	5.560
57	5.455	58	5.286	59	5.324	60	5.678
61	5.555	62	5.594	63	5.662	64	5.505
65	5.320	66	5.685	67	5.282	68	5.335
69	5.677	70	5.585	71	5.526	72	5.670
73	5.400	74	5.541	75	5.488	76	5.477
77	5.480	78	5.507	79	5.449	80	5.385
81	5.473	82	5.412	83	5.714	84	5.549
85	5.690	86	5.295	87	5.619	88	5.683
89	5.411	90	5.343	91	5.664	92	5.637
93	5.351	94	5.285	95	5.691	96	5.554
97	5.415	98	5.530	99	5.692	100	5.452

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.497	2	5.599	3	5.670	4	5.665
5	5.351	6	5.278	7	5.388	8	5.600
9	5.263	10	5.572	11	5.364	12	5.532
13	5.643	14	5.487	15	5.486	16	5.631
17	5.515	18	5.492	19	5.373	20	5.442
21	5.358	22	5.293	23	5.562	24	5.355
25	5.496	26	5.467	27	5.679	28	5.707
29	5.607	30	5.513	31	5.489	32	5.485
33	5.320	34	5.418	35	5.621	36	5.416
37	5.522	38	5.407	39	5.303	40	5.357
41	5.378	42	5.542	43	5.678	44	5.452
45	5.574	46	5.449	47	5.546	48	5.610
49	5.434	50	5.613	51	5.650	52	5.469
53	5.281	54	5.608	55	5.524	56	5.529
57	5.428	58	5.661	59	5.544	60	5.512
61	5.393	62	5.411	63	5.471	64	5.462
65	5.504	66	5.399	67	5.638	68	5.298
69	5.395	70	5.553	71	5.273	72	5.578
73	5.463	74	5.423	75	5.307	76	5.516
77	5.507	78	5.480	79	5.360	80	5.721
81	5.598	82	5.376	83	5.494	84	5.398
85	5.595	86	5.521	87	5.305	88	5.446
89	5.275	90	5.443	91	5.316	92	5.437
93	5.549	94	5.693	95	5.269	96	5.295
97	5.668	98	5.586	99	5.719	100	5.615

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.691	2	5.551	3	5.579	4	5.350
5	5.688	6	5.622	7	5.294	8	5.547
9	5.460	10	5.446	11	5.270	12	5.541
13	5.620	14	5.571	15	5.384	16	5.633
17	5.477	18	5.503	19	5.553	20	5.629
21	5.472	22	5.542	23	5.528	24	5.544
25	5.613	26	5.700	27	5.434	28	5.358
29	5.525	30	5.305	31	5.644	32	5.516
33	5.648	34	5.684	35	5.488	36	5.478
37	5.498	38	5.335	39	5.441	40	5.361
41	5.411	42	5.420	43	5.396	44	5.515
45	5.353	46	5.266	47	5.451	48	5.386
49	5.617	50	5.588	51	5.374	52	5.532
53	5.666	54	5.669	55	5.314	56	5.431
57	5.520	58	5.306	59	5.272	60	5.279
61	5.634	62	5.654	63	5.619	64	5.504
65	5.334	66	5.685	67	5.690	68	5.646
69	5.575	70	5.641	71	5.297	72	5.282
73	5.713	74	5.479	75	5.663	76	5.695
77	5.492	78	5.493	79	5.668	80	5.327
81	5.288	82	5.296	83	5.413	84	5.511
85	5.486	86	5.597	87	5.286	88	5.661
89	5.421	90	5.405	91	5.536	92	5.719
93	5.518	94	5.590	95	5.608	96	5.408
97	5.582	98	5.303	99	5.449	100	5.414

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.680	2	5.483	3	5.416	4	5.549
5	5.475	6	5.321	7	5.633	8	5.278
9	5.311	10	5.524	11	5.678	12	5.521
13	5.605	14	5.367	15	5.691	16	5.672
17	5.370	18	5.504	19	5.488	20	5.433
21	5.465	22	5.282	23	5.266	24	5.701
25	5.709	26	5.267	27	5.445	28	5.385
29	5.623	30	5.299	31	5.419	32	5.707
33	5.617	34	5.322	35	5.498	36	5.632
37	5.649	38	5.546	39	5.446	40	5.541
41	5.599	42	5.630	43	5.256	44	5.568
45	5.566	46	5.537	47	5.534	48	5.277
49	5.618	50	5.374	51	5.455	52	5.283
53	5.564	54	5.312	55	5.693	56	5.436
57	5.338	58	5.372	59	5.272	60	5.369
61	5.696	62	5.507	63	5.695	64	5.529
65	5.317	66	5.384	67	5.297	68	5.494
69	5.366	70	5.705	71	5.300	72	5.715
73	5.481	74	5.287	75	5.698	76	5.301
77	5.655	78	5.670	79	5.264	80	5.420
81	5.262	82	5.676	83	5.683	84	5.394
85	5.540	86	5.337	87	5.326	88	5.431
89	5.381	90	5.505	91	5.515	92	5.275
93	5.408	94	5.690	95	5.306	96	5.359
97	5.427	98	5.342	99	5.356	100	5.462

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.600	2	5.680	3	5.444	4	5.459
5	5.718	6	5.298	7	5.441	8	5.605
9	5.622	10	5.505	11	5.286	12	5.634
13	5.683	14	5.583	15	5.428	16	5.667
17	5.570	18	5.549	19	5.553	20	5.353
21	5.602	22	5.544	23	5.377	24	5.341
25	5.677	26	5.713	27	5.629	28	5.321
29	5.483	30	5.363	31	5.636	32	5.504
33	5.595	34	5.384	35	5.474	36	5.625
37	5.269	38	5.624	39	5.665	40	5.375
41	5.712	42	5.345	43	5.418	44	5.457
45	5.311	46	5.656	47	5.507	48	5.429
49	5.440	50	5.320	51	5.540	52	5.477
53	5.411	54	5.561	55	5.352	56	5.317
57	5.497	58	5.423	59	5.576	60	5.367
61	5.509	62	5.472	63	5.641	64	5.597
65	5.559	66	5.585	67	5.626	68	5.336
69	5.271	70	5.313	71	5.420	72	5.448
73	5.443	74	5.381	75	5.647	76	5.431
77	5.370	78	5.580	79	5.323	80	5.548
81	5.430	82	5.596	83	5.523	84	5.530
85	5.560	86	5.592	87	5.314	88	5.422
89	5.607	90	5.385	91	5.628	92	5.421
93	5.463	94	5.437	95	5.646	96	5.648
97	5.536	98	5.296	99	5.312	100	5.409

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.290	2	5.317	3	5.630	4	5.724
5	5.411	6	5.700	7	5.507	8	5.263
9	5.308	10	5.568	11	5.400	12	5.252
13	5.499	14	5.570	15	5.528	16	5.461
17	5.638	18	5.399	19	5.398	20	5.254
21	5.684	22	5.616	23	5.659	24	5.285
25	5.640	26	5.647	27	5.357	28	5.279
29	5.324	30	5.323	31	5.327	32	5.626
33	5.722	34	5.345	35	5.302	36	5.483
37	5.702	38	5.384	39	5.305	40	5.651
41	5.498	42	5.693	43	5.255	44	5.564
45	5.299	46	5.482	47	5.446	48	5.704
49	5.459	50	5.582	51	5.288	52	5.720
53	5.335	54	5.286	55	5.541	56	5.457
57	5.272	58	5.365	59	5.529	60	5.618
61	5.441	62	5.581	63	5.386	64	5.650
65	5.580	66	5.612	67	5.601	68	5.557
69	5.486	70	5.608	71	5.511	72	5.664
73	5.675	74	5.525	75	5.567	76	5.678
77	5.586	78	5.336	79	5.291	80	5.387
81	5.625	82	5.356	83	5.412	84	5.706
85	5.591	86	5.688	87	5.374	88	5.401
89	5.510	90	5.624	91	5.321	92	5.339
93	5.466	94	5.475	95	5.655	96	5.328
97	5.513	98	5.686	99	5.352	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.367	2	5.276	3	5.659	4	5.686
5	5.388	6	5.552	7	5.452	8	5.285
9	5.475	10	5.441	11	5.514	12	5.266
13	5.432	14	5.462	15	5.545	16	5.348
17	5.442	18	5.489	19	5.271	20	5.277
21	5.542	22	5.594	23	5.411	24	5.517
25	5.613	26	5.275	27	5.426	28	5.661
29	5.286	30	5.595	31	5.645	32	5.688
33	5.357	34	5.690	35	5.543	36	5.364
37	5.497	38	5.393	39	5.435	40	5.345
41	5.482	42	5.344	43	5.570	44	5.593
45	5.715	46	5.602	47	5.548	48	5.451
49	5.633	50	5.471	51	5.605	52	5.324
53	5.550	54	5.526	55	5.445	56	5.651
57	5.289	58	5.582	59	5.535	60	5.251
61	5.549	62	5.362	63	5.527	64	5.294
65	5.539	66	5.423	67	5.268	68	5.400
69	5.368	70	5.684	71	5.553	72	5.703
73	5.460	74	5.436	75	5.448	76	5.309
77	5.290	78	5.260	79	5.444	80	5.588
81	5.530	82	5.682	83	5.418	84	5.560
85	5.320	86	5.486	87	5.404	88	5.428
89	5.663	90	5.401	91	5.580	92	5.484
93	5.495	94	5.319	95	5.267	96	5.618
97	5.431	98	5.327	99	5.252	100	5.547

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.280	2	5.283	3	5.409	4	5.651
5	5.340	6	5.620	7	5.366	8	5.353
9	5.501	10	5.456	11	5.573	12	5.583
13	5.375	14	5.630	15	5.291	16	5.333
17	5.477	18	5.453	19	5.513	20	5.510
21	5.445	22	5.407	23	5.401	24	5.671
25	5.523	26	5.428	27	5.655	28	5.603
29	5.650	30	5.270	31	5.348	32	5.367
33	5.564	34	5.673	35	5.362	36	5.378
37	5.528	38	5.334	39	5.365	40	5.568
41	5.341	42	5.636	43	5.411	44	5.549
45	5.394	46	5.271	47	5.420	48	5.724
49	5.467	50	5.423	51	5.427	52	5.580
53	5.611	54	5.313	55	5.584	56	5.553
57	5.396	58	5.688	59	5.516	60	5.433
61	5.487	62	5.308	63	5.296	64	5.338
65	5.666	66	5.464	67	5.389	68	5.421
69	5.721	70	5.605	71	5.555	72	5.447
73	5.455	74	5.567	75	5.585	76	5.656
77	5.469	78	5.640	79	5.629	80	5.424
81	5.481	82	5.329	83	5.342	84	5.610
85	5.710	86	5.489	87	5.343	88	5.442
89	5.692	90	5.292	91	5.702	92	5.601
93	5.491	94	5.626	95	5.644	96	5.641
97	5.406	98	5.450	99	5.569	100	5.690

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.615	2	5.657	3	5.676	4	5.592
5	5.327	6	5.300	7	5.337	8	5.680
9	5.448	10	5.690	11	5.417	12	5.567
13	5.604	14	5.694	15	5.516	16	5.503
17	5.312	18	5.598	19	5.696	20	5.383
21	5.718	22	5.475	23	5.603	24	5.464
25	5.425	26	5.677	27	5.320	28	5.367
29	5.313	30	5.436	31	5.463	32	5.699
33	5.565	34	5.371	35	5.411	36	5.659
37	5.661	38	5.649	39	5.391	40	5.589
41	5.452	42	5.410	43	5.484	44	5.302
45	5.692	46	5.270	47	5.386	48	5.279
49	5.601	50	5.513	51	5.602	52	5.673
53	5.501	54	5.557	55	5.494	56	5.254
57	5.571	58	5.264	59	5.573	60	5.440
61	5.281	62	5.423	63	5.358	64	5.500
65	5.701	66	5.525	67	5.446	68	5.369
69	5.499	70	5.582	71	5.717	72	5.664
73	5.515	74	5.514	75	5.461	76	5.631
77	5.719	78	5.606	79	5.483	80	5.449
81	5.458	82	5.447	83	5.616	84	5.482
85	5.453	86	5.263	87	5.542	88	5.399
89	5.469	90	5.275	91	5.295	92	5.291
93	5.416	94	5.444	95	5.599	96	5.522
97	5.640	98	5.632	99	5.472	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.339	2	5.672	3	5.594	4	5.694
5	5.660	6	5.647	7	5.656	8	5.705
9	5.551	10	5.542	11	5.295	12	5.316
13	5.454	14	5.592	15	5.582	16	5.303
17	5.465	18	5.417	19	5.512	20	5.710
21	5.289	22	5.286	23	5.277	24	5.440
25	5.584	26	5.518	27	5.505	28	5.597
29	5.326	30	5.371	31	5.374	32	5.639
33	5.355	34	5.609	35	5.618	36	5.463
37	5.425	38	5.404	39	5.711	40	5.506
41	5.394	42	5.431	43	5.703	44	5.489
45	5.596	46	5.575	47	5.515	48	5.655
49	5.652	50	5.494	51	5.358	52	5.648
53	5.376	54	5.457	55	5.279	56	5.707
57	5.412	58	5.396	59	5.319	60	5.430
61	5.363	62	5.379	63	5.544	64	5.364
65	5.499	66	5.622	67	5.476	68	5.536
69	5.487	70	5.587	71	5.452	72	5.418
73	5.333	74	5.321	75	5.528	76	5.574
77	5.619	78	5.386	79	5.633	80	5.467
81	5.600	82	5.500	83	5.504	84	5.265
85	5.625	86	5.359	87	5.485	88	5.372
89	5.569	90	5.456	91	5.573	92	5.581
93	5.281	94	5.314	95	5.721	96	5.650
97	5.713	98	5.275	99	5.686	100	5.708

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.452	2	5.650	3	5.373	4	5.568
5	5.602	6	5.448	7	5.593	8	5.367
9	5.529	10	5.515	11	5.598	12	5.338
13	5.380	14	5.524	15	5.371	16	5.401
17	5.522	18	5.411	19	5.715	20	5.590
21	5.300	22	5.691	23	5.433	24	5.430
25	5.670	26	5.318	27	5.319	28	5.333
29	5.260	30	5.425	31	5.530	32	5.708
33	5.722	34	5.712	35	5.501	36	5.654
37	5.485	38	5.424	39	5.638	40	5.445
41	5.564	42	5.439	43	5.376	44	5.442
45	5.619	46	5.552	47	5.347	48	5.408
49	5.316	50	5.643	51	5.269	52	5.484
53	5.687	54	5.419	55	5.573	56	5.473
57	5.327	58	5.293	59	5.611	60	5.475
61	5.537	62	5.583	63	5.444	64	5.661
65	5.551	66	5.255	67	5.364	68	5.349
69	5.574	70	5.588	71	5.680	72	5.497
73	5.585	74	5.534	75	5.365	76	5.721
77	5.469	78	5.488	79	5.406	80	5.348
81	5.504	82	5.671	83	5.651	84	5.375
85	5.286	86	5.507	87	5.414	88	5.519
89	5.684	90	5.438	91	5.520	92	5.265
93	5.404	94	5.711	95	5.586	96	5.657
97	5.302	98	5.575	99	5.490	100	5.464

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.434	2	5.680	3	5.335	4	5.560
5	5.369	6	5.305	7	5.710	8	5.275
9	5.315	10	5.475	11	5.269	12	5.460
13	5.533	14	5.627	15	5.702	16	5.661
17	5.707	18	5.356	19	5.687	20	5.328
21	5.656	22	5.563	23	5.581	24	5.361
25	5.694	26	5.468	27	5.456	28	5.304
29	5.499	30	5.255	31	5.391	32	5.647
33	5.320	34	5.653	35	5.298	36	5.536
37	5.665	38	5.268	39	5.623	40	5.721
41	5.620	42	5.611	43	5.313	44	5.570
45	5.545	46	5.716	47	5.524	48	5.628
49	5.698	50	5.558	51	5.278	52	5.723
53	5.420	54	5.359	55	5.722	56	5.492
57	5.446	58	5.354	59	5.474	60	5.638
61	5.720	62	5.618	63	5.582	64	5.326
65	5.398	66	5.410	67	5.634	68	5.344
69	5.697	70	5.253	71	5.519	72	5.424
73	5.594	74	5.286	75	5.599	76	5.264
77	5.718	78	5.576	79	5.682	80	5.432
81	5.584	82	5.462	83	5.525	84	5.336
85	5.577	86	5.459	87	5.714	88	5.449
89	5.483	90	5.490	91	5.347	92	5.277
93	5.478	94	5.292	95	5.274	96	5.377
97	5.617	98	5.367	99	5.472	100	5.337

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.410	2	5.585	3	5.609	4	5.523
5	5.304	6	5.466	7	5.262	8	5.617
9	5.311	10	5.677	11	5.590	12	5.283
13	5.305	14	5.601	15	5.404	16	5.690
17	5.302	18	5.655	19	5.668	20	5.389
21	5.412	22	5.709	23	5.286	24	5.631
25	5.626	26	5.487	27	5.257	28	5.491
29	5.328	30	5.345	31	5.651	32	5.275
33	5.605	34	5.430	35	5.588	36	5.705
37	5.289	38	5.694	39	5.365	40	5.307
41	5.673	42	5.288	43	5.458	44	5.363
45	5.573	46	5.424	47	5.654	48	5.354
49	5.548	50	5.696	51	5.440	52	5.701
53	5.629	54	5.390	55	5.334	56	5.507
57	5.434	58	5.724	59	5.485	60	5.444
61	5.527	62	5.428	63	5.360	64	5.377
65	5.542	66	5.641	67	5.423	68	5.446
69	5.483	70	5.478	71	5.537	72	5.293
73	5.612	74	5.476	75	5.445	76	5.702
77	5.596	78	5.388	79	5.544	80	5.499
81	5.621	82	5.353	83	5.402	84	5.603
85	5.650	86	5.469	87	5.327	88	5.313
89	5.721	90	5.432	91	5.646	92	5.680
93	5.640	94	5.295	95	5.606	96	5.604
97	5.539	98	5.325	99	5.468	100	5.484

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.631	2	5.628	3	5.645	4	5.347
5	5.591	6	5.427	7	5.333	8	5.692
9	5.441	10	5.504	11	5.600	12	5.551
13	5.271	14	5.647	15	5.646	16	5.406
17	5.613	18	5.291	19	5.362	20	5.394
21	5.470	22	5.458	23	5.546	24	5.563
25	5.318	26	5.397	27	5.260	28	5.636
29	5.576	30	5.430	31	5.391	32	5.460
33	5.361	34	5.708	35	5.698	36	5.544
37	5.258	38	5.474	39	5.703	40	5.416
41	5.657	42	5.328	43	5.277	44	5.617
45	5.449	46	5.489	47	5.575	48	5.268
49	5.294	50	5.723	51	5.644	52	5.590
53	5.256	54	5.721	55	5.261	56	5.259
57	5.514	58	5.476	59	5.345	60	5.459
61	5.462	62	5.266	63	5.407	64	5.488
65	5.286	66	5.371	67	5.571	68	5.556
69	5.588	70	5.654	71	5.678	72	5.354
73	5.472	74	5.526	75	5.487	76	5.468
77	5.508	78	5.388	79	5.446	80	5.520
81	5.418	82	5.390	83	5.550	84	5.482
85	5.337	86	5.404	87	5.664	88	5.465
89	5.598	90	5.257	91	5.392	92	5.516
93	5.448	94	5.327	95	5.614	96	5.594
97	5.633	98	5.637	99	5.715	100	5.329

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Hopping Frequency Sequence Name: HOP_FREQ_SEQ_01							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.540	2	5.513	3	5.526	4	5.574
5	5.501	6	5.717	7	5.590	8	5.373
9	5.338	10	5.534	11	5.388	12	5.493
13	5.447	14	5.554	15	5.593	16	5.566
17	5.688	18	5.715	19	5.350	20	5.713
21	5.404	22	5.374	23	5.571	24	5.420
25	5.588	26	5.277	27	5.407	28	5.610
29	5.278	30	5.710	31	5.366	32	5.301
33	5.666	34	5.551	35	5.531	36	5.339
37	5.410	38	5.303	39	5.267	40	5.538
41	5.327	42	5.701	43	5.358	44	5.581
45	5.408	46	5.584	47	5.477	48	5.357
49	5.703	50	5.376	51	5.683	52	5.413
53	5.662	54	5.423	55	5.632	56	5.668
57	5.619	58	5.281	59	5.429	60	5.289
61	5.306	62	5.337	63	5.596	64	5.286
65	5.592	66	5.379	67	5.362	68	5.351
69	5.433	70	5.271	71	5.384	72	5.614
73	5.504	74	5.296	75	5.712	76	5.452
77	5.687	78	5.533	79	5.599	80	5.561
81	5.293	82	5.300	83	5.302	84	5.718
85	5.291	86	5.456	87	5.505	88	5.636
89	5.367	90	5.348	91	5.527	92	5.558
93	5.640	94	5.559	95	5.436	96	5.613
97	5.472	98	5.707	99	5.607	100	5.680

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_02							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.641	2	5.581	3	5.679	4	5.580
5	5.429	6	5.315	7	5.582	8	5.604
9	5.353	10	5.255	11	5.260	12	5.425
13	5.366	14	5.343	15	5.478	16	5.310
17	5.367	18	5.288	19	5.595	20	5.719
21	5.514	22	5.630	23	5.327	24	5.606
25	5.424	26	5.662	27	5.482	28	5.683
29	5.528	30	5.289	31	5.700	32	5.541
33	5.356	34	5.585	35	5.506	36	5.297
37	5.391	38	5.505	39	5.511	40	5.333
41	5.292	42	5.572	43	5.329	44	5.553
45	5.408	46	5.612	47	5.532	48	5.423
49	5.594	50	5.495	51	5.499	52	5.607
53	5.706	54	5.525	55	5.692	56	5.390
57	5.576	58	5.270	59	5.549	60	5.468
61	5.407	62	5.455	63	5.448	64	5.565
65	5.687	66	5.656	67	5.335	68	5.649
69	5.360	70	5.349	71	5.504	72	5.661
73	5.422	74	5.328	75	5.311	76	5.307
77	5.669	78	5.561	79	5.521	80	5.342
81	5.337	82	5.518	83	5.441	84	5.436
85	5.682	86	5.562	87	5.466	88	5.539
89	5.372	90	5.534	91	5.284	92	5.537
93	5.701	94	5.384	95	5.251	96	5.445
97	5.473	98	5.388	99	5.280	100	5.285

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_03							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.284	2	5.304	3	5.456	4	5.489
5	5.670	6	5.409	7	5.574	8	5.448
9	5.581	10	5.467	11	5.637	12	5.651
13	5.641	14	5.407	15	5.281	16	5.321
17	5.428	18	5.355	19	5.260	20	5.276
21	5.435	22	5.640	23	5.683	24	5.333
25	5.382	26	5.712	27	5.391	28	5.401
29	5.554	30	5.383	31	5.261	32	5.315
33	5.563	34	5.326	35	5.652	36	5.393
37	5.280	38	5.352	39	5.588	40	5.595
41	5.498	42	5.618	43	5.596	44	5.307
45	5.720	46	5.495	47	5.542	48	5.469
49	5.617	50	5.623	51	5.723	52	5.440
53	5.350	54	5.338	55	5.332	56	5.602
57	5.277	58	5.367	59	5.572	60	5.611
61	5.294	62	5.584	63	5.529	64	5.678
65	5.501	66	5.267	67	5.536	68	5.301
69	5.516	70	5.650	71	5.664	72	5.662
73	5.263	74	5.458	75	5.528	76	5.707
77	5.717	78	5.418	79	5.560	80	5.604
81	5.644	82	5.396	83	5.416	84	5.514
85	5.526	86	5.699	87	5.443	88	5.674
89	5.411	90	5.671	91	5.510	92	5.257
93	5.436	94	5.424	95	5.459	96	5.273
97	5.685	98	5.463	99	5.288	100	5.275

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_04							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.278	2	5.505	3	5.563	4	5.422
5	5.685	6	5.270	7	5.545	8	5.321
9	5.641	10	5.680	11	5.568	12	5.284
13	5.675	14	5.542	15	5.406	16	5.426
17	5.346	18	5.327	19	5.558	20	5.423
21	5.285	22	5.434	23	5.720	24	5.538
25	5.357	26	5.286	27	5.362	28	5.522
29	5.520	30	5.438	31	5.418	32	5.448
33	5.605	34	5.451	35	5.516	36	5.319
37	5.694	38	5.671	39	5.518	40	5.553
41	5.252	42	5.395	43	5.482	44	5.419
45	5.397	46	5.716	47	5.349	48	5.661
49	5.296	50	5.693	51	5.414	52	5.670
53	5.356	54	5.527	55	5.704	56	5.566
57	5.429	58	5.592	59	5.353	60	5.361
61	5.475	62	5.636	63	5.508	64	5.718
65	5.484	66	5.405	67	5.348	68	5.650
69	5.412	70	5.607	71	5.294	72	5.721
73	5.565	74	5.379	75	5.279	76	5.433
77	5.578	78	5.610	79	5.477	80	5.571
81	5.276	82	5.495	83	5.308	84	5.698
85	5.572	86	5.398	87	5.387	88	5.597
89	5.688	90	5.590	91	5.485	92	5.497
93	5.253	94	5.617	95	5.632	96	5.363
97	5.628	98	5.376	99	5.282	100	5.490

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_05							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.535	2	5.444	3	5.468	4	5.719
5	5.264	6	5.349	7	5.554	8	5.387
9	5.462	10	5.632	11	5.490	12	5.478
13	5.340	14	5.494	15	5.323	16	5.320
17	5.560	18	5.435	19	5.367	20	5.544
21	5.519	22	5.401	23	5.616	24	5.485
25	5.477	26	5.482	27	5.669	28	5.553
29	5.682	30	5.308	31	5.293	32	5.496
33	5.480	34	5.593	35	5.268	36	5.324
37	5.657	38	5.587	39	5.712	40	5.635
41	5.473	42	5.441	43	5.442	44	5.649
45	5.597	46	5.517	47	5.279	48	5.454
49	5.689	50	5.456	51	5.529	52	5.391
53	5.515	54	5.350	55	5.434	56	5.505
57	5.539	58	5.582	59	5.604	60	5.370
61	5.413	62	5.414	63	5.285	64	5.605
65	5.648	66	5.345	67	5.489	68	5.671
69	5.540	70	5.289	71	5.598	72	5.542
73	5.636	74	5.381	75	5.347	76	5.522
77	5.711	78	5.693	79	5.319	80	5.431
81	5.501	82	5.486	83	5.280	84	5.647
85	5.398	86	5.259	87	5.570	88	5.504
89	5.558	90	5.426	91	5.706	92	5.291
93	5.253	94	5.662	95	5.362	96	5.667
97	5.590	98	5.569	99	5.531	100	5.405

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_06							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.642	2	5.685	3	5.613	4	5.701
5	5.526	6	5.604	7	5.329	8	5.551
9	5.624	10	5.389	11	5.696	12	5.599
13	5.323	14	5.274	15	5.293	16	5.416
17	5.720	18	5.453	19	5.655	20	5.608
21	5.344	22	5.349	23	5.399	24	5.605
25	5.326	26	5.693	27	5.674	28	5.255
29	5.370	30	5.285	31	5.666	32	5.578
33	5.260	34	5.275	35	5.409	36	5.715
37	5.660	38	5.460	39	5.324	40	5.509
41	5.712	42	5.312	43	5.480	44	5.375
45	5.681	46	5.631	47	5.714	48	5.512
49	5.445	50	5.514	51	5.354	52	5.483
53	5.490	54	5.654	55	5.386	56	5.291
57	5.476	58	5.716	59	5.362	60	5.265
61	5.680	62	5.439	63	5.541	64	5.573
65	5.682	66	5.644	67	5.414	68	5.422
69	5.668	70	5.677	71	5.609	72	5.705
73	5.473	74	5.517	75	5.482	76	5.549
77	5.360	78	5.485	79	5.684	80	5.317
81	5.264	82	5.711	83	5.355	84	5.596
85	5.300	86	5.592	87	5.303	88	5.594
89	5.579	90	5.649	91	5.340	92	5.667
93	5.643	94	5.575	95	5.396	96	5.436
97	5.437	98	5.408	99	5.561	100	5.421

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_07							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.597	2	5.360	3	5.666	4	5.431
5	5.587	6	5.521	7	5.471	8	5.553
9	5.676	10	5.338	11	5.722	12	5.347
13	5.458	14	5.498	15	5.620	16	5.641
17	5.596	18	5.295	19	5.317	20	5.605
21	5.532	22	5.650	23	5.558	24	5.700
25	5.495	26	5.481	27	5.485	28	5.390
29	5.656	30	5.648	31	5.365	32	5.708
33	5.371	34	5.441	35	5.702	36	5.504
37	5.261	38	5.398	39	5.392	40	5.572
41	5.683	42	5.567	43	5.585	44	5.623
45	5.569	46	5.256	47	5.505	48	5.649
49	5.426	50	5.264	51	5.640	52	5.690
53	5.520	54	5.466	55	5.593	56	5.568
57	5.325	58	5.383	59	5.300	60	5.389
61	5.469	62	5.253	63	5.285	64	5.724
65	5.538	66	5.467	67	5.519	68	5.686
69	5.539	70	5.313	71	5.713	72	5.312
73	5.654	74	5.299	75	5.446	76	5.366
77	5.320	78	5.479	79	5.492	80	5.340
81	5.548	82	5.671	83	5.698	84	5.674
85	5.343	86	5.710	87	5.443	88	5.503
89	5.599	90	5.474	91	5.502	92	5.437
93	5.263	94	5.604	95	5.393	96	5.372
97	5.369	98	5.262	99	5.711	100	5.527

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_08							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.667	2	5.626	3	5.314	4	5.440
5	5.527	6	5.365	7	5.653	8	5.652
9	5.469	10	5.694	11	5.496	12	5.634
13	5.517	14	5.354	15	5.481	16	5.505
17	5.292	18	5.254	19	5.569	20	5.649
21	5.433	22	5.604	23	5.404	24	5.349
25	5.416	26	5.551	27	5.603	28	5.561
29	5.386	30	5.648	31	5.369	32	5.252
33	5.635	34	5.605	35	5.399	36	5.485
37	5.391	38	5.641	39	5.518	40	5.607
41	5.529	42	5.590	43	5.520	44	5.514
45	5.409	46	5.336	47	5.567	48	5.679
49	5.698	50	5.594	51	5.564	52	5.419
53	5.657	54	5.668	55	5.689	56	5.306
57	5.385	58	5.278	59	5.688	60	5.423
61	5.674	62	5.536	63	5.544	64	5.435
65	5.251	66	5.601	67	5.438	68	5.280
69	5.260	70	5.288	71	5.711	72	5.389
73	5.640	74	5.556	75	5.664	76	5.718
77	5.677	78	5.651	79	5.277	80	5.420
81	5.300	82	5.683	83	5.573	84	5.702
85	5.256	86	5.684	87	5.533	88	5.362
89	5.443	90	5.712	91	5.612	92	5.606
93	5.491	94	5.364	95	5.338	96	5.417
97	5.428	98	5.553	99	5.595	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_09							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.652	2	5.260	3	5.508	4	5.643
5	5.653	6	5.659	7	5.381	8	5.683
9	5.724	10	5.711	11	5.577	12	5.333
13	5.682	14	5.307	15	5.258	16	5.603
17	5.605	18	5.534	19	5.520	20	5.491
21	5.367	22	5.672	23	5.355	24	5.372
25	5.651	26	5.541	27	5.274	28	5.666
29	5.498	30	5.336	31	5.420	32	5.701
33	5.496	34	5.707	35	5.361	36	5.608
37	5.582	38	5.631	39	5.289	40	5.386
41	5.568	42	5.671	43	5.455	44	5.279
45	5.558	46	5.595	47	5.363	48	5.352
49	5.549	50	5.434	51	5.602	52	5.362
53	5.379	54	5.419	55	5.554	56	5.686
57	5.366	58	5.516	59	5.285	60	5.405
61	5.319	62	5.596	63	5.394	64	5.385
65	5.356	66	5.300	67	5.641	68	5.280
69	5.332	70	5.626	71	5.674	72	5.295
73	5.664	74	5.600	75	5.523	76	5.440
77	5.286	78	5.490	79	5.259	80	5.593
81	5.531	82	5.634	83	5.489	84	5.559
85	5.527	86	5.578	87	5.322	88	5.589
89	5.709	90	5.525	91	5.535	92	5.537
93	5.636	94	5.521	95	5.323	96	5.716
97	5.611	98	5.632	99	5.282	100	5.598

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_10							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.448	2	5.353	3	5.542	4	5.384
5	5.676	6	5.609	7	5.518	8	5.454
9	5.662	10	5.516	11	5.357	12	5.406
13	5.491	14	5.438	15	5.408	16	5.263
17	5.625	18	5.559	19	5.652	20	5.280
21	5.577	22	5.254	23	5.556	24	5.472
25	5.672	26	5.282	27	5.639	28	5.527
29	5.612	30	5.569	31	5.555	32	5.630
33	5.347	34	5.607	35	5.647	36	5.425
37	5.422	38	5.329	39	5.501	40	5.704
41	5.364	42	5.374	43	5.702	44	5.554
45	5.644	46	5.277	47	5.626	48	5.418
49	5.587	50	5.604	51	5.677	52	5.558
53	5.568	54	5.534	55	5.497	56	5.401
57	5.252	58	5.466	59	5.571	60	5.584
61	5.714	62	5.682	63	5.552	64	5.610
65	5.597	66	5.392	67	5.370	68	5.456
69	5.316	70	5.274	71	5.506	72	5.523
73	5.537	74	5.533	75	5.546	76	5.645
77	5.276	78	5.505	79	5.484	80	5.684
81	5.679	82	5.259	83	5.285	84	5.668
85	5.723	86	5.656	87	5.673	88	5.255
89	5.594	90	5.339	91	5.268	92	5.502
93	5.496	94	5.503	95	5.323	96	5.273
97	5.342	98	5.711	99	5.410	100	5.661

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_11							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.407	2	5.441	3	5.498	4	5.515
5	5.358	6	5.316	7	5.659	8	5.695
9	5.542	10	5.393	11	5.592	12	5.682
13	5.332	14	5.675	15	5.608	16	5.588
17	5.578	18	5.291	19	5.614	20	5.282
21	5.648	22	5.476	23	5.273	24	5.312
25	5.697	26	5.658	27	5.349	28	5.600
29	5.279	30	5.431	31	5.484	32	5.372
33	5.283	34	5.378	35	5.401	36	5.505
37	5.471	38	5.295	39	5.470	40	5.341
41	5.669	42	5.366	43	5.290	44	5.475
45	5.549	46	5.633	47	5.430	48	5.539
49	5.425	50	5.387	51	5.511	52	5.373
53	5.514	54	5.634	55	5.297	56	5.461
57	5.392	58	5.516	59	5.270	60	5.280
61	5.427	62	5.570	63	5.289	64	5.310
65	5.411	66	5.412	67	5.711	68	5.568
69	5.386	70	5.655	71	5.409	72	5.374
73	5.437	74	5.302	75	5.617	76	5.572
77	5.370	78	5.667	79	5.601	80	5.447
81	5.551	82	5.525	83	5.292	84	5.481
85	5.571	86	5.605	87	5.395	88	5.496
89	5.402	90	5.644	91	5.631	92	5.432
93	5.694	94	5.662	95	5.540	96	5.489
97	5.463	98	5.521	99	5.486	100	5.616

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_12							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.544	2	5.339	3	5.529	4	5.472
5	5.508	6	5.431	7	5.596	8	5.270
9	5.327	10	5.379	11	5.662	12	5.462
13	5.273	14	5.617	15	5.651	16	5.377
17	5.686	18	5.415	19	5.488	20	5.380
21	5.351	22	5.688	23	5.260	24	5.530
25	5.589	26	5.703	27	5.632	28	5.609
29	5.333	30	5.286	31	5.507	32	5.693
33	5.664	34	5.582	35	5.461	36	5.358
37	5.667	38	5.555	39	5.367	40	5.570
41	5.711	42	5.372	43	5.537	44	5.267
45	5.301	46	5.585	47	5.288	48	5.583
49	5.398	50	5.421	51	5.291	52	5.445
53	5.541	54	5.504	55	5.384	56	5.299
57	5.543	58	5.556	59	5.496	60	5.477
61	5.423	62	5.678	63	5.624	64	5.353
65	5.413	66	5.296	67	5.706	68	5.685
69	5.473	70	5.722	71	5.424	72	5.525
73	5.674	74	5.359	75	5.325	76	5.489
77	5.614	78	5.622	79	5.294	80	5.573
81	5.494	82	5.326	83	5.394	84	5.482
85	5.650	86	5.435	87	5.659	88	5.400
89	5.637	90	5.355	91	5.258	92	5.449
93	5.718	94	5.676	95	5.447	96	5.549
97	5.640	98	5.645	99	5.276	100	5.533

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_13							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.358	2	5.430	3	5.615	4	5.653
5	5.439	6	5.310	7	5.399	8	5.722
9	5.721	10	5.494	11	5.352	12	5.449
13	5.538	14	5.337	15	5.438	16	5.262
17	5.307	18	5.409	19	5.503	20	5.419
21	5.487	22	5.282	23	5.417	24	5.295
25	5.644	26	5.622	27	5.383	28	5.334
29	5.692	30	5.658	31	5.598	32	5.372
33	5.573	34	5.576	35	5.491	36	5.621
37	5.380	38	5.586	39	5.527	40	5.698
41	5.342	42	5.275	43	5.492	44	5.630
45	5.529	46	5.724	47	5.269	48	5.411
49	5.474	50	5.608	51	5.553	52	5.602
53	5.429	54	5.478	55	5.312	56	5.318
57	5.673	58	5.297	59	5.369	60	5.377
61	5.375	62	5.285	63	5.558	64	5.260
65	5.390	66	5.268	67	5.656	68	5.370
69	5.596	70	5.605	71	5.591	72	5.629
73	5.506	74	5.351	75	5.281	76	5.336
77	5.524	78	5.521	79	5.461	80	5.367
81	5.296	82	5.347	83	5.435	84	5.329
85	5.340	86	5.299	87	5.680	88	5.448
89	5.261	90	5.510	91	5.265	92	5.555
93	5.595	94	5.457	95	5.280	96	5.359
97	5.410	98	5.509	99	5.379	100	5.447

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_14							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.393	2	5.673	3	5.362	4	5.390
5	5.528	6	5.625	7	5.315	8	5.383
9	5.653	10	5.342	11	5.572	12	5.613
13	5.252	14	5.520	15	5.685	16	5.292
17	5.268	18	5.450	19	5.259	20	5.674
21	5.321	22	5.371	23	5.531	24	5.381
25	5.284	26	5.403	27	5.599	28	5.549
29	5.400	30	5.482	31	5.281	32	5.454
33	5.689	34	5.290	35	5.481	36	5.540
37	5.571	38	5.368	39	5.440	40	5.555
41	5.607	42	5.399	43	5.713	44	5.301
45	5.423	46	5.369	47	5.445	48	5.566
49	5.574	50	5.724	51	5.639	52	5.406
53	5.407	54	5.543	55	5.476	56	5.660
57	5.633	58	5.700	59	5.417	60	5.439
61	5.589	62	5.585	63	5.435	64	5.500
65	5.715	66	5.280	67	5.697	68	5.366
69	5.442	70	5.558	71	5.286	72	5.448
73	5.716	74	5.508	75	5.634	76	5.488
77	5.657	78	5.554	79	5.461	80	5.721
81	5.517	82	5.269	83	5.584	84	5.693
85	5.587	86	5.502	87	5.431	88	5.405
89	5.272	90	5.707	91	5.667	92	5.418
93	5.662	94	5.387	95	5.610	96	5.536
97	5.485	98	5.605	99	5.526	100	5.279

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_15							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.293	2	5.401	3	5.260	4	5.640
5	5.308	6	5.684	7	5.527	8	5.417
9	5.419	10	5.660	11	5.495	12	5.628
13	5.363	14	5.470	15	5.517	16	5.412
17	5.446	18	5.302	19	5.567	20	5.712
21	5.272	22	5.335	23	5.582	24	5.500
25	5.311	26	5.550	27	5.378	28	5.601
29	5.671	30	5.667	31	5.452	32	5.271
33	5.283	34	5.719	35	5.536	36	5.652
37	5.526	38	5.481	39	5.657	40	5.254
41	5.343	42	5.505	43	5.542	44	5.483
45	5.342	46	5.259	47	5.710	48	5.545
49	5.410	50	5.516	51	5.489	52	5.696
53	5.512	54	5.554	55	5.571	56	5.433
57	5.445	58	5.634	59	5.345	60	5.434
61	5.716	62	5.613	63	5.541	64	5.268
65	5.282	66	5.252	67	5.442	68	5.488
69	5.703	70	5.586	71	5.349	72	5.544
73	5.325	74	5.514	75	5.456	76	5.508
77	5.403	78	5.387	79	5.406	80	5.653
81	5.497	82	5.454	83	5.307	84	5.430
85	5.377	86	5.431	87	5.382	88	5.539
89	5.251	90	5.420	91	5.638	92	5.676
93	5.592	94	5.579	95	5.463	96	5.678
97	5.262	98	5.364	99	5.388	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_16							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.700	2	5.350	3	5.410	4	5.401
5	5.669	6	5.409	7	5.462	8	5.338
9	5.266	10	5.526	11	5.681	12	5.337
13	5.420	14	5.267	15	5.516	16	5.629
17	5.389	18	5.299	19	5.490	20	5.398
21	5.380	22	5.418	23	5.523	24	5.655
25	5.360	26	5.328	27	5.397	28	5.639
29	5.417	30	5.423	31	5.540	32	5.342
33	5.656	34	5.296	35	5.491	36	5.635
37	5.395	38	5.255	39	5.556	40	5.254
41	5.278	42	5.648	43	5.295	44	5.576
45	5.686	46	5.569	47	5.439	48	5.476
49	5.614	50	5.422	51	5.336	52	5.367
53	5.259	54	5.461	55	5.566	56	5.702
57	5.345	58	5.307	59	5.319	60	5.289
61	5.517	62	5.281	63	5.581	64	5.673
65	5.489	66	5.339	67	5.436	68	5.352
69	5.440	70	5.634	71	5.504	72	5.411
73	5.407	74	5.625	75	5.601	76	5.678
77	5.671	78	5.282	79	5.710	80	5.324
81	5.264	82	5.536	83	5.633	84	5.499
85	5.271	86	5.568	87	5.559	88	5.644
89	5.514	90	5.664	91	5.326	92	5.294
93	5.646	94	5.315	95	5.340	96	5.408
97	5.638	98	5.599	99	5.670	100	5.561

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_17							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.563	2	5.478	3	5.723	4	5.319
5	5.374	6	5.492	7	5.469	8	5.292
9	5.525	10	5.252	11	5.350	12	5.608
13	5.323	14	5.681	15	5.388	16	5.545
17	5.291	18	5.517	19	5.253	20	5.383
21	5.489	22	5.654	23	5.704	24	5.616
25	5.621	26	5.593	27	5.435	28	5.332
29	5.420	30	5.375	31	5.587	32	5.610
33	5.498	34	5.376	35	5.661	36	5.596
37	5.413	38	5.269	39	5.701	40	5.510
41	5.266	42	5.626	43	5.516	44	5.483
45	5.467	46	5.518	47	5.586	48	5.255
49	5.512	50	5.315	51	5.639	52	5.316
53	5.667	54	5.625	55	5.495	56	5.560
57	5.455	58	5.286	59	5.324	60	5.678
61	5.555	62	5.594	63	5.662	64	5.505
65	5.320	66	5.685	67	5.282	68	5.335
69	5.677	70	5.585	71	5.526	72	5.670
73	5.400	74	5.541	75	5.488	76	5.477
77	5.480	78	5.507	79	5.449	80	5.385
81	5.473	82	5.412	83	5.714	84	5.549
85	5.690	86	5.295	87	5.619	88	5.683
89	5.411	90	5.343	91	5.664	92	5.637
93	5.351	94	5.285	95	5.691	96	5.554
97	5.415	98	5.530	99	5.692	100	5.452

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_18							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.497	2	5.599	3	5.670	4	5.665
5	5.351	6	5.278	7	5.388	8	5.600
9	5.263	10	5.572	11	5.364	12	5.532
13	5.643	14	5.487	15	5.486	16	5.631
17	5.515	18	5.492	19	5.373	20	5.442
21	5.358	22	5.293	23	5.562	24	5.355
25	5.496	26	5.467	27	5.679	28	5.707
29	5.607	30	5.513	31	5.489	32	5.485
33	5.320	34	5.418	35	5.621	36	5.416
37	5.522	38	5.407	39	5.303	40	5.357
41	5.378	42	5.542	43	5.678	44	5.452
45	5.574	46	5.449	47	5.546	48	5.610
49	5.434	50	5.613	51	5.650	52	5.469
53	5.281	54	5.608	55	5.524	56	5.529
57	5.428	58	5.661	59	5.544	60	5.512
61	5.393	62	5.411	63	5.471	64	5.462
65	5.504	66	5.399	67	5.638	68	5.298
69	5.395	70	5.553	71	5.273	72	5.578
73	5.463	74	5.423	75	5.307	76	5.516
77	5.507	78	5.480	79	5.360	80	5.721
81	5.598	82	5.376	83	5.494	84	5.398
85	5.595	86	5.521	87	5.305	88	5.446
89	5.275	90	5.443	91	5.316	92	5.437
93	5.549	94	5.693	95	5.269	96	5.295
97	5.668	98	5.586	99	5.719	100	5.615

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_19							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.691	2	5.551	3	5.579	4	5.350
5	5.688	6	5.622	7	5.294	8	5.547
9	5.460	10	5.446	11	5.270	12	5.541
13	5.620	14	5.571	15	5.384	16	5.633
17	5.477	18	5.503	19	5.553	20	5.629
21	5.472	22	5.542	23	5.528	24	5.544
25	5.613	26	5.700	27	5.434	28	5.358
29	5.525	30	5.305	31	5.644	32	5.516
33	5.648	34	5.684	35	5.488	36	5.478
37	5.498	38	5.335	39	5.441	40	5.361
41	5.411	42	5.420	43	5.396	44	5.515
45	5.353	46	5.266	47	5.451	48	5.386
49	5.617	50	5.588	51	5.374	52	5.532
53	5.666	54	5.669	55	5.314	56	5.431
57	5.520	58	5.306	59	5.272	60	5.279
61	5.634	62	5.654	63	5.619	64	5.504
65	5.334	66	5.685	67	5.690	68	5.646
69	5.575	70	5.641	71	5.297	72	5.282
73	5.713	74	5.479	75	5.663	76	5.695
77	5.492	78	5.493	79	5.668	80	5.327
81	5.288	82	5.296	83	5.413	84	5.511
85	5.486	86	5.597	87	5.286	88	5.661
89	5.421	90	5.405	91	5.536	92	5.719
93	5.518	94	5.590	95	5.608	96	5.408
97	5.582	98	5.303	99	5.449	100	5.414

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_20							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.680	2	5.483	3	5.416	4	5.549
5	5.475	6	5.321	7	5.633	8	5.278
9	5.311	10	5.524	11	5.678	12	5.521
13	5.605	14	5.367	15	5.691	16	5.672
17	5.370	18	5.504	19	5.488	20	5.433
21	5.465	22	5.282	23	5.266	24	5.701
25	5.709	26	5.267	27	5.445	28	5.385
29	5.623	30	5.299	31	5.419	32	5.707
33	5.617	34	5.322	35	5.498	36	5.632
37	5.649	38	5.546	39	5.446	40	5.541
41	5.599	42	5.630	43	5.256	44	5.568
45	5.566	46	5.537	47	5.534	48	5.277
49	5.618	50	5.374	51	5.455	52	5.283
53	5.564	54	5.312	55	5.693	56	5.436
57	5.338	58	5.372	59	5.272	60	5.369
61	5.696	62	5.507	63	5.695	64	5.529
65	5.317	66	5.384	67	5.297	68	5.494
69	5.366	70	5.705	71	5.300	72	5.715
73	5.481	74	5.287	75	5.698	76	5.301
77	5.655	78	5.670	79	5.264	80	5.420
81	5.262	82	5.676	83	5.683	84	5.394
85	5.540	86	5.337	87	5.326	88	5.431
89	5.381	90	5.505	91	5.515	92	5.275
93	5.408	94	5.690	95	5.306	96	5.359
97	5.427	98	5.342	99	5.356	100	5.462

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_21							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.600	2	5.680	3	5.444	4	5.459
5	5.718	6	5.298	7	5.441	8	5.605
9	5.622	10	5.505	11	5.286	12	5.634
13	5.683	14	5.583	15	5.428	16	5.667
17	5.570	18	5.549	19	5.553	20	5.353
21	5.602	22	5.544	23	5.377	24	5.341
25	5.677	26	5.713	27	5.629	28	5.321
29	5.483	30	5.363	31	5.636	32	5.504
33	5.595	34	5.384	35	5.474	36	5.625
37	5.269	38	5.624	39	5.665	40	5.375
41	5.712	42	5.345	43	5.418	44	5.457
45	5.311	46	5.656	47	5.507	48	5.429
49	5.440	50	5.320	51	5.540	52	5.477
53	5.411	54	5.561	55	5.352	56	5.317
57	5.497	58	5.423	59	5.576	60	5.367
61	5.509	62	5.472	63	5.641	64	5.597
65	5.559	66	5.585	67	5.626	68	5.336
69	5.271	70	5.313	71	5.420	72	5.448
73	5.443	74	5.381	75	5.647	76	5.431
77	5.370	78	5.580	79	5.323	80	5.548
81	5.430	82	5.596	83	5.523	84	5.530
85	5.560	86	5.592	87	5.314	88	5.422
89	5.607	90	5.385	91	5.628	92	5.421
93	5.463	94	5.437	95	5.646	96	5.648
97	5.536	98	5.296	99	5.312	100	5.409

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_22							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.290	2	5.317	3	5.630	4	5.724
5	5.411	6	5.700	7	5.507	8	5.263
9	5.308	10	5.568	11	5.400	12	5.252
13	5.499	14	5.570	15	5.528	16	5.461
17	5.638	18	5.399	19	5.398	20	5.254
21	5.684	22	5.616	23	5.659	24	5.285
25	5.640	26	5.647	27	5.357	28	5.279
29	5.324	30	5.323	31	5.327	32	5.626
33	5.722	34	5.345	35	5.302	36	5.483
37	5.702	38	5.384	39	5.305	40	5.651
41	5.498	42	5.693	43	5.255	44	5.564
45	5.299	46	5.482	47	5.446	48	5.704
49	5.459	50	5.582	51	5.288	52	5.720
53	5.335	54	5.286	55	5.541	56	5.457
57	5.272	58	5.365	59	5.529	60	5.618
61	5.441	62	5.581	63	5.386	64	5.650
65	5.580	66	5.612	67	5.601	68	5.557
69	5.486	70	5.608	71	5.511	72	5.664
73	5.675	74	5.525	75	5.567	76	5.678
77	5.586	78	5.336	79	5.291	80	5.387
81	5.625	82	5.356	83	5.412	84	5.706
85	5.591	86	5.688	87	5.374	88	5.401
89	5.510	90	5.624	91	5.321	92	5.339
93	5.466	94	5.475	95	5.655	96	5.328
97	5.513	98	5.686	99	5.352	100	5.261

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_23							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.367	2	5.276	3	5.659	4	5.686
5	5.388	6	5.552	7	5.452	8	5.285
9	5.475	10	5.441	11	5.514	12	5.266
13	5.432	14	5.462	15	5.545	16	5.348
17	5.442	18	5.489	19	5.271	20	5.277
21	5.542	22	5.594	23	5.411	24	5.517
25	5.613	26	5.275	27	5.426	28	5.661
29	5.286	30	5.595	31	5.645	32	5.688
33	5.357	34	5.690	35	5.543	36	5.364
37	5.497	38	5.393	39	5.435	40	5.345
41	5.482	42	5.344	43	5.570	44	5.593
45	5.715	46	5.602	47	5.548	48	5.451
49	5.633	50	5.471	51	5.605	52	5.324
53	5.550	54	5.526	55	5.445	56	5.651
57	5.289	58	5.582	59	5.535	60	5.251
61	5.549	62	5.362	63	5.527	64	5.294
65	5.539	66	5.423	67	5.268	68	5.400
69	5.368	70	5.684	71	5.553	72	5.703
73	5.460	74	5.436	75	5.448	76	5.309
77	5.290	78	5.260	79	5.444	80	5.588
81	5.530	82	5.682	83	5.418	84	5.560
85	5.320	86	5.486	87	5.404	88	5.428
89	5.663	90	5.401	91	5.580	92	5.484
93	5.495	94	5.319	95	5.267	96	5.618
97	5.431	98	5.327	99	5.252	100	5.547

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_24							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.280	2	5.283	3	5.409	4	5.651
5	5.340	6	5.620	7	5.366	8	5.353
9	5.501	10	5.456	11	5.573	12	5.583
13	5.375	14	5.630	15	5.291	16	5.333
17	5.477	18	5.453	19	5.513	20	5.510
21	5.445	22	5.407	23	5.401	24	5.671
25	5.523	26	5.428	27	5.655	28	5.603
29	5.650	30	5.270	31	5.348	32	5.367
33	5.564	34	5.673	35	5.362	36	5.378
37	5.528	38	5.334	39	5.365	40	5.568
41	5.341	42	5.636	43	5.411	44	5.549
45	5.394	46	5.271	47	5.420	48	5.724
49	5.467	50	5.423	51	5.427	52	5.580
53	5.611	54	5.313	55	5.584	56	5.553
57	5.396	58	5.688	59	5.516	60	5.433
61	5.487	62	5.308	63	5.296	64	5.338
65	5.666	66	5.464	67	5.389	68	5.421
69	5.721	70	5.605	71	5.555	72	5.447
73	5.455	74	5.567	75	5.585	76	5.656
77	5.469	78	5.640	79	5.629	80	5.424
81	5.481	82	5.329	83	5.342	84	5.610
85	5.710	86	5.489	87	5.343	88	5.442
89	5.692	90	5.292	91	5.702	92	5.601
93	5.491	94	5.626	95	5.644	96	5.641
97	5.406	98	5.450	99	5.569	100	5.690

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_25							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.615	2	5.657	3	5.676	4	5.592
5	5.327	6	5.300	7	5.337	8	5.680
9	5.448	10	5.690	11	5.417	12	5.567
13	5.604	14	5.694	15	5.516	16	5.503
17	5.312	18	5.598	19	5.696	20	5.383
21	5.718	22	5.475	23	5.603	24	5.464
25	5.425	26	5.677	27	5.320	28	5.367
29	5.313	30	5.436	31	5.463	32	5.699
33	5.565	34	5.371	35	5.411	36	5.659
37	5.661	38	5.649	39	5.391	40	5.589
41	5.452	42	5.410	43	5.484	44	5.302
45	5.692	46	5.270	47	5.386	48	5.279
49	5.601	50	5.513	51	5.602	52	5.673
53	5.501	54	5.557	55	5.494	56	5.254
57	5.571	58	5.264	59	5.573	60	5.440
61	5.281	62	5.423	63	5.358	64	5.500
65	5.701	66	5.525	67	5.446	68	5.369
69	5.499	70	5.582	71	5.717	72	5.664
73	5.515	74	5.514	75	5.461	76	5.631
77	5.719	78	5.606	79	5.483	80	5.449
81	5.458	82	5.447	83	5.616	84	5.482
85	5.453	86	5.263	87	5.542	88	5.399
89	5.469	90	5.275	91	5.295	92	5.291
93	5.416	94	5.444	95	5.599	96	5.522
97	5.640	98	5.632	99	5.472	100	5.583

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_26							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.339	2	5.672	3	5.594	4	5.694
5	5.660	6	5.647	7	5.656	8	5.705
9	5.551	10	5.542	11	5.295	12	5.316
13	5.454	14	5.592	15	5.582	16	5.303
17	5.465	18	5.417	19	5.512	20	5.710
21	5.289	22	5.286	23	5.277	24	5.440
25	5.584	26	5.518	27	5.505	28	5.597
29	5.326	30	5.371	31	5.374	32	5.639
33	5.355	34	5.609	35	5.618	36	5.463
37	5.425	38	5.404	39	5.711	40	5.506
41	5.394	42	5.431	43	5.703	44	5.489
45	5.596	46	5.575	47	5.515	48	5.655
49	5.652	50	5.494	51	5.358	52	5.648
53	5.376	54	5.457	55	5.279	56	5.707
57	5.412	58	5.396	59	5.319	60	5.430
61	5.363	62	5.379	63	5.544	64	5.364
65	5.499	66	5.622	67	5.476	68	5.536
69	5.487	70	5.587	71	5.452	72	5.418
73	5.333	74	5.321	75	5.528	76	5.574
77	5.619	78	5.386	79	5.633	80	5.467
81	5.600	82	5.500	83	5.504	84	5.265
85	5.625	86	5.359	87	5.485	88	5.372
89	5.569	90	5.456	91	5.573	92	5.581
93	5.281	94	5.314	95	5.721	96	5.650
97	5.713	98	5.275	99	5.686	100	5.708

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_27							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.452	2	5.650	3	5.373	4	5.568
5	5.602	6	5.448	7	5.593	8	5.367
9	5.529	10	5.515	11	5.598	12	5.338
13	5.380	14	5.524	15	5.371	16	5.401
17	5.522	18	5.411	19	5.715	20	5.590
21	5.300	22	5.691	23	5.433	24	5.430
25	5.670	26	5.318	27	5.319	28	5.333
29	5.260	30	5.425	31	5.530	32	5.708
33	5.722	34	5.712	35	5.501	36	5.654
37	5.485	38	5.424	39	5.638	40	5.445
41	5.564	42	5.439	43	5.376	44	5.442
45	5.619	46	5.552	47	5.347	48	5.408
49	5.316	50	5.643	51	5.269	52	5.484
53	5.687	54	5.419	55	5.573	56	5.473
57	5.327	58	5.293	59	5.611	60	5.475
61	5.537	62	5.583	63	5.444	64	5.661
65	5.551	66	5.255	67	5.364	68	5.349
69	5.574	70	5.588	71	5.680	72	5.497
73	5.585	74	5.534	75	5.365	76	5.721
77	5.469	78	5.488	79	5.406	80	5.348
81	5.504	82	5.671	83	5.651	84	5.375
85	5.286	86	5.507	87	5.414	88	5.519
89	5.684	90	5.438	91	5.520	92	5.265
93	5.404	94	5.711	95	5.586	96	5.657
97	5.302	98	5.575	99	5.490	100	5.464

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_28							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.434	2	5.680	3	5.335	4	5.560
5	5.369	6	5.305	7	5.710	8	5.275
9	5.315	10	5.475	11	5.269	12	5.460
13	5.533	14	5.627	15	5.702	16	5.661
17	5.707	18	5.356	19	5.687	20	5.328
21	5.656	22	5.563	23	5.581	24	5.361
25	5.694	26	5.468	27	5.456	28	5.304
29	5.499	30	5.255	31	5.391	32	5.647
33	5.320	34	5.653	35	5.298	36	5.536
37	5.665	38	5.268	39	5.623	40	5.721
41	5.620	42	5.611	43	5.313	44	5.570
45	5.545	46	5.716	47	5.524	48	5.628
49	5.698	50	5.558	51	5.278	52	5.723
53	5.420	54	5.359	55	5.722	56	5.492
57	5.446	58	5.354	59	5.474	60	5.638
61	5.720	62	5.618	63	5.582	64	5.326
65	5.398	66	5.410	67	5.634	68	5.344
69	5.697	70	5.253	71	5.519	72	5.424
73	5.594	74	5.286	75	5.599	76	5.264
77	5.718	78	5.576	79	5.682	80	5.432
81	5.584	82	5.462	83	5.525	84	5.336
85	5.577	86	5.459	87	5.714	88	5.449
89	5.483	90	5.490	91	5.347	92	5.277
93	5.478	94	5.292	95	5.274	96	5.377
97	5.617	98	5.367	99	5.472	100	5.337

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_29							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.410	2	5.585	3	5.609	4	5.523
5	5.304	6	5.466	7	5.262	8	5.617
9	5.311	10	5.677	11	5.590	12	5.283
13	5.305	14	5.601	15	5.404	16	5.690
17	5.302	18	5.655	19	5.668	20	5.389
21	5.412	22	5.709	23	5.286	24	5.631
25	5.626	26	5.487	27	5.257	28	5.491
29	5.328	30	5.345	31	5.651	32	5.275
33	5.605	34	5.430	35	5.588	36	5.705
37	5.289	38	5.694	39	5.365	40	5.307
41	5.673	42	5.288	43	5.458	44	5.363
45	5.573	46	5.424	47	5.654	48	5.354
49	5.548	50	5.696	51	5.440	52	5.701
53	5.629	54	5.390	55	5.334	56	5.507
57	5.434	58	5.724	59	5.485	60	5.444
61	5.527	62	5.428	63	5.360	64	5.377
65	5.542	66	5.641	67	5.423	68	5.446
69	5.483	70	5.478	71	5.537	72	5.293
73	5.612	74	5.476	75	5.445	76	5.702
77	5.596	78	5.388	79	5.544	80	5.499
81	5.621	82	5.353	83	5.402	84	5.603
85	5.650	86	5.469	87	5.327	88	5.313
89	5.721	90	5.432	91	5.646	92	5.680
93	5.640	94	5.295	95	5.606	96	5.604
97	5.539	98	5.325	99	5.468	100	5.484

Hopping Frequency Sequence Name: HOP_FREQ_SEQ_30							
SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)	SEQ#	Frequency (GHz)
1	5.631	2	5.628	3	5.645	4	5.347
5	5.591	6	5.427	7	5.333	8	5.692
9	5.441	10	5.504	11	5.600	12	5.551
13	5.271	14	5.647	15	5.646	16	5.406
17	5.613	18	5.291	19	5.362	20	5.394
21	5.470	22	5.458	23	5.546	24	5.563
25	5.318	26	5.397	27	5.260	28	5.636
29	5.576	30	5.430	31	5.391	32	5.460
33	5.361	34	5.708	35	5.698	36	5.544
37	5.258	38	5.474	39	5.703	40	5.416
41	5.657	42	5.328	43	5.277	44	5.617
45	5.449	46	5.489	47	5.575	48	5.268
49	5.294	50	5.723	51	5.644	52	5.590
53	5.256	54	5.721	55	5.261	56	5.259
57	5.514	58	5.476	59	5.345	60	5.459
61	5.462	62	5.266	63	5.407	64	5.488
65	5.286	66	5.371	67	5.571	68	5.556
69	5.588	70	5.654	71	5.678	72	5.354
73	5.472	74	5.526	75	5.487	76	5.468
77	5.508	78	5.388	79	5.446	80	5.520
81	5.418	82	5.390	83	5.550	84	5.482
85	5.337	86	5.404	87	5.664	88	5.465
89	5.598	90	5.257	91	5.392	92	5.516
93	5.448	94	5.327	95	5.614	96	5.594
97	5.633	98	5.637	99	5.715	100	5.329

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