DFS Test Report

Report No.: RFBEIH-WTW-P20100011-1

FCC ID: P27IP5446A

Test Model: SAX1V1R

Received Date: Oct. 5, 2020

Test Date: Oct. 11 to 13, 2020

Issued Date: Nov. 11, 2020

Applicant: Sercomm Corp.

Address: 8F, No. 3-1, YuanQu St., NanKang, Taipei 115, Taiwan, R.O.C. (NanKang Software Park)

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

FCC Registration / Designation Number: 198487 / TW2021

Testing Laboratory
2021

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Release Control Record

Issue No.	Description	Date Issued
RFBEIH-WTW-P20100011-1	Original release.	Nov. 11, 2020

1 Certificate of Conformity

Product:	11AX ROUTER_NON IOT
Brand:	Charter Spectrum
Test Model:	SAX1V1R
Sample Status:	Engineering sample
Applicant:	Sercomm Corp.
Test Date:	Oct. 11 to 13, 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 : Jessica Cheng , **Date:** Nov. 11, 2020

Jessica Cheng / Senior Specialist

Approved by : Rex. Lai , **Date:** Nov. 11, 2020

Rex Lai / Associate Technical Manager

2 EUT Information

2.1 Operating Frequency Bands and Mode of EUT

TABLE 1: OPERATING FREQUENCY BANDS AND MODE OF EUT

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

2.2 EUT Software and Firmware Version

Table 2: The Eut Software/Firmware Version

No	Product	Model No.	Software/Firmware Version
1	11AX ROUTER_NON IOT	SAX1V1R	SAX1V1R-T1.02.03.011-DFSv1_Pcsa-20200923

2.3 Description Of Available Antennas to The EUT

Table 3: Antenna List

Ant. No.	Type	Frequency Band (MHz)	Max. Gain(dBi)
5	Printed	5250~5350	5.70
6	Printed	5250~5350	4.30
7	Printed	5250~5350	4.60
8	Printed	5250~5350	4.60
5	Printed	5470~5725	5.70
6	Printed	5470~5725	3.20
7	Printed	5470~5725	4.80
8	Printed	5470~5725	4.80

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	18.48	70.541
5470~5725	19.04	80.204

802.11ax (20MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	19.09	81.024
5470~5725	19.16	82.459

802.11ax (40MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	22.09	161.677
5470~5725	22.56	180.489

802.11ax (80MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	18.76	75.171
5470~5725	23.55	226.526

Beamforming

802.11ax (20MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	19.05	80.271
5470~5725	19.12	81.68

802.11ax (40MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	19.09	81.031
5470~5725	19.12	81.697

802.11ax (80MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	18.72	74.462
5470~5725	19.15	82.17

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	24.18	261.818
5470~5725	24.74	297.852

802.11ax (20MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	24.79	301.301
5470~5725	24.86	306.196

802.11ax (40MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	27.79	601.174
5470~5725	28.26	669.885

802.11ax (80MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	24.46	279.254
5470~5725	29.25	841.395

Beamforming

802.11ax (20MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	29.89	974.99
5470~5725	29.81	957.194

802.11ax (40MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	29.93	984.011
5470~5725	29.81	957.194

802.11ax (80MHz)

Frequency Band (MHz)	MAX. Power	
	Output Power(dBm)	Output Power(mW)
5250~5350	29.56	903.649
5470~5725	29.84	963.829

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 **984.011** mW which less than 500mW, therefore it's not require TPC function.

TPC	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 518-3066µsec, with a minimum increment of 1µsec, 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	FSP	R&S	Jun 12, 2020	Jun 11, 2021
Signal generator	MXG	KEYSIGHT	May 10, 2020	May 09,2021
Horn antenna	BBHA 9120 D1	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	Gain
1	Wireless Router	Qualcomm	QCA9377	-	---

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

Table 15: Software/Firmware Information.

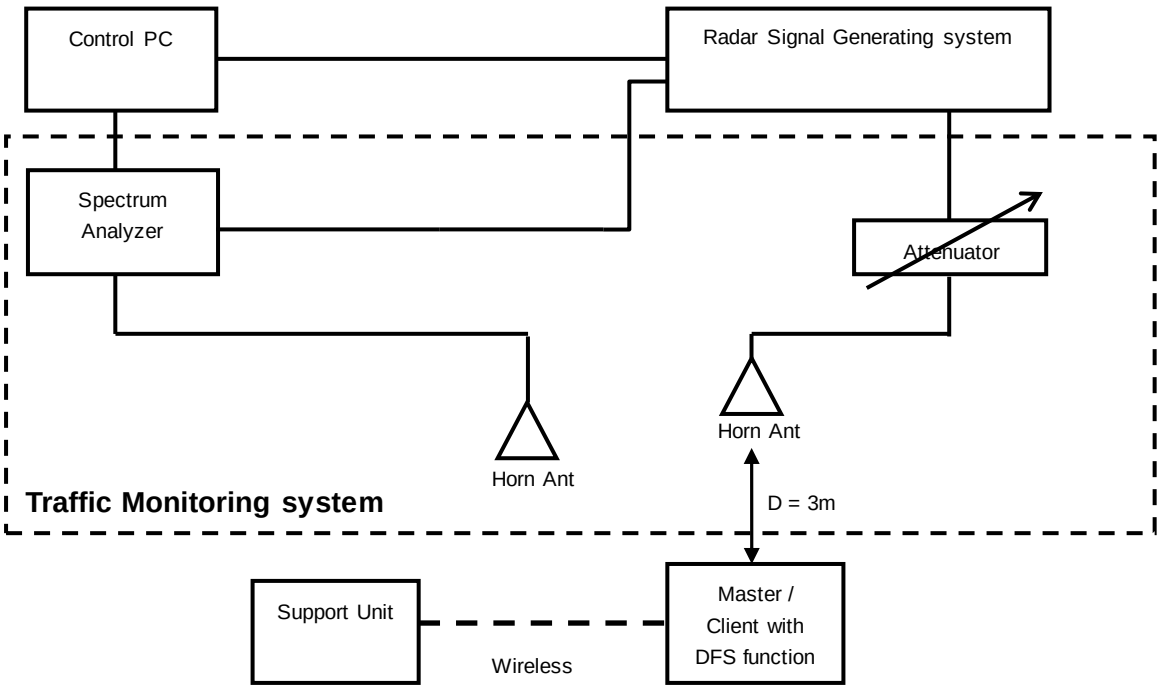
No.	Product	Model No.	Software/Firmware Version
1.	Wireless module	QCA9377	12.0.0.948

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



Channel Loading

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

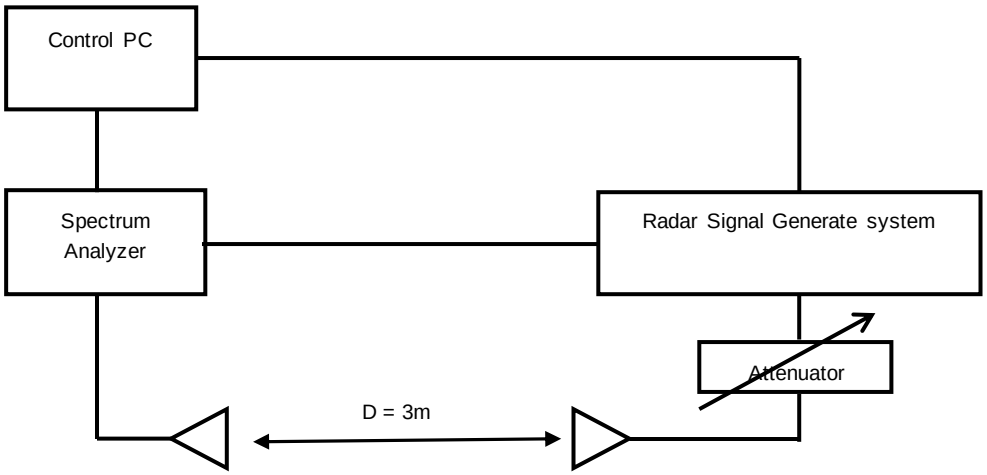
a)	The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.	
b)	Software to ping the client is permitted to simulate data transfer but must have random ping intervals.	
c)	Timing plots are required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

5.2 Calibration of DFS Detection Threshold Level

The measured channel is 5500MHz and 5510MHz and 5530MHz and 5250MHz and 5570MHz. 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.

Radiated setup configuration of Calibration of DFS Detection Threshold Level

The radar signal generate system is gererating waveform pattern of radar types. The amplitude of the radar signal generator system is adjusted to yield a level of–64 dBm as measured on the spectrum analyzer.
The interference detection threshold level is lower than – 64dBm hence it provides margin to the limit.



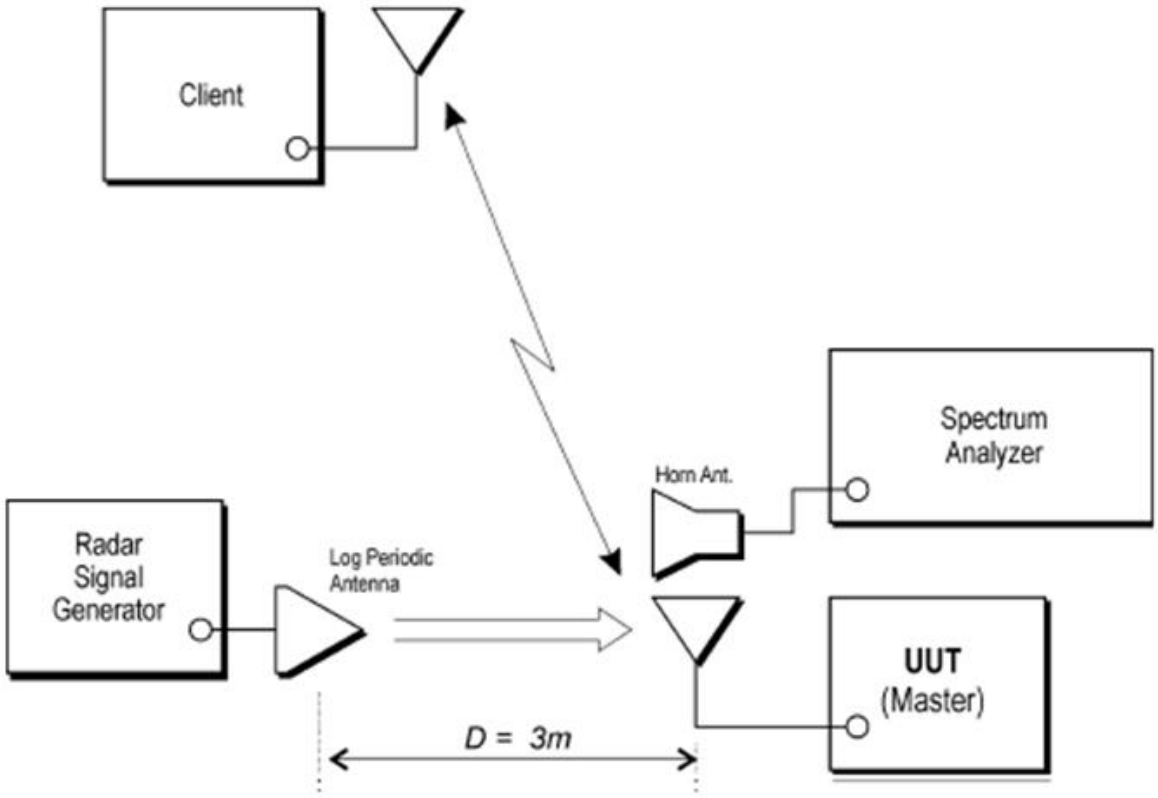
5.3 Deviation From Test Standard

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

Master mode

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

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

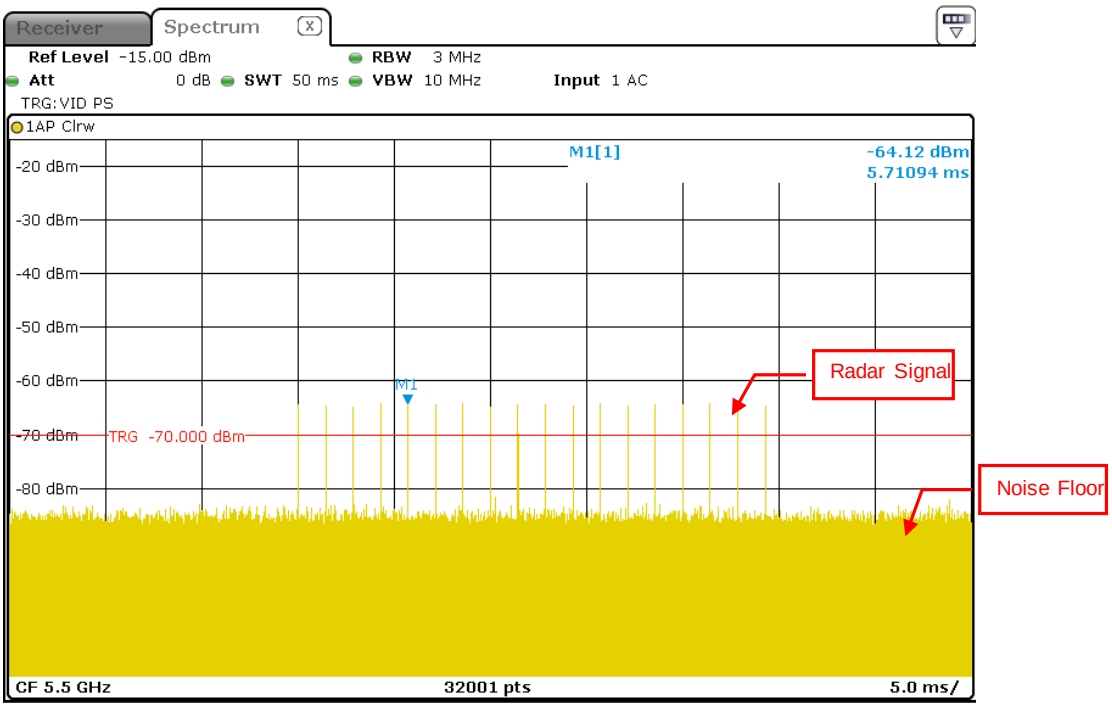
6.2 Test Results

6.2.1 Test Mode: Device Operating In Master Mode.

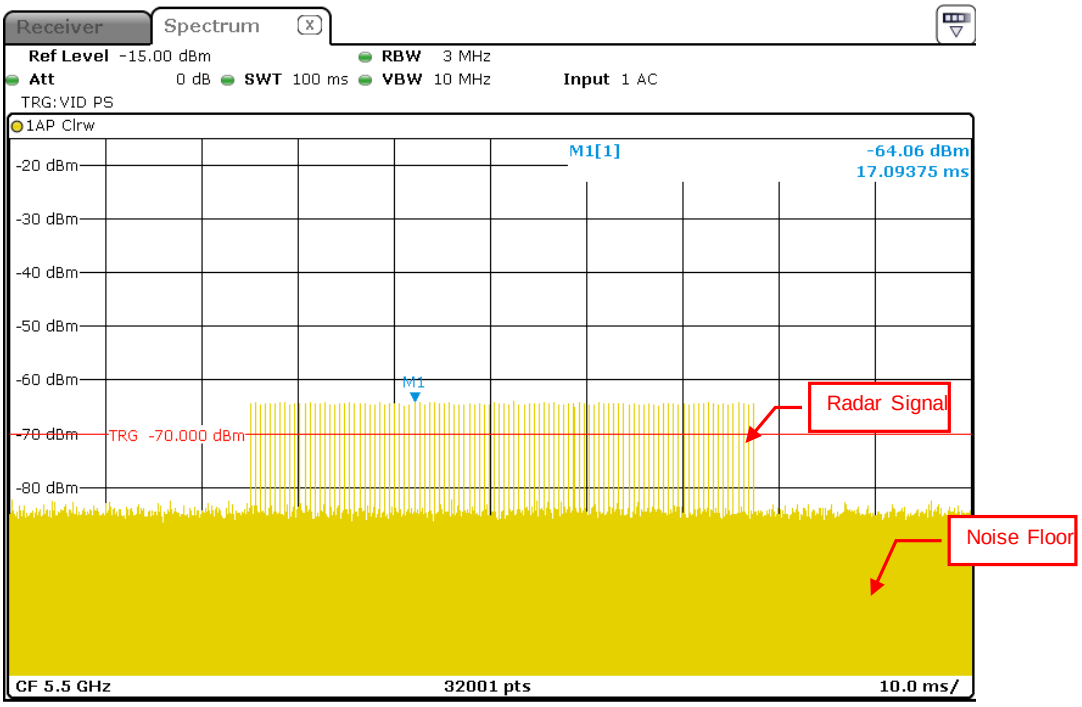
The radar test waveforms are injected into the Master.

DFS Detection Threshold

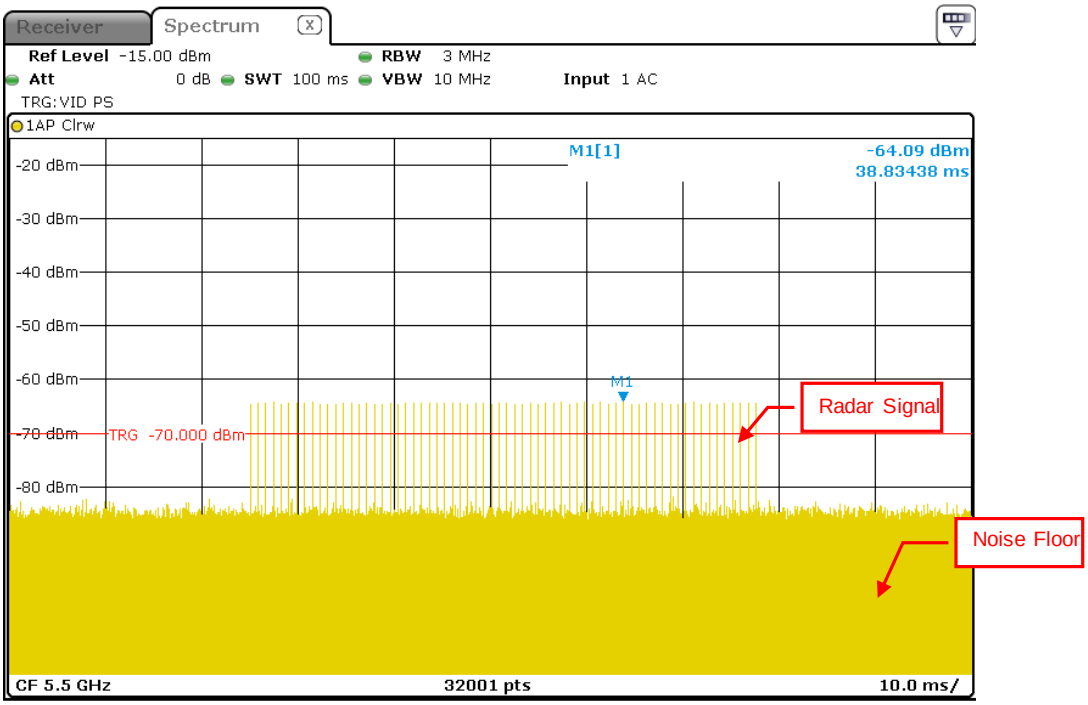
For detection threshold level of -64dBm, the tested level is lower than required level for 1dB, hence it provides margin to the limit.



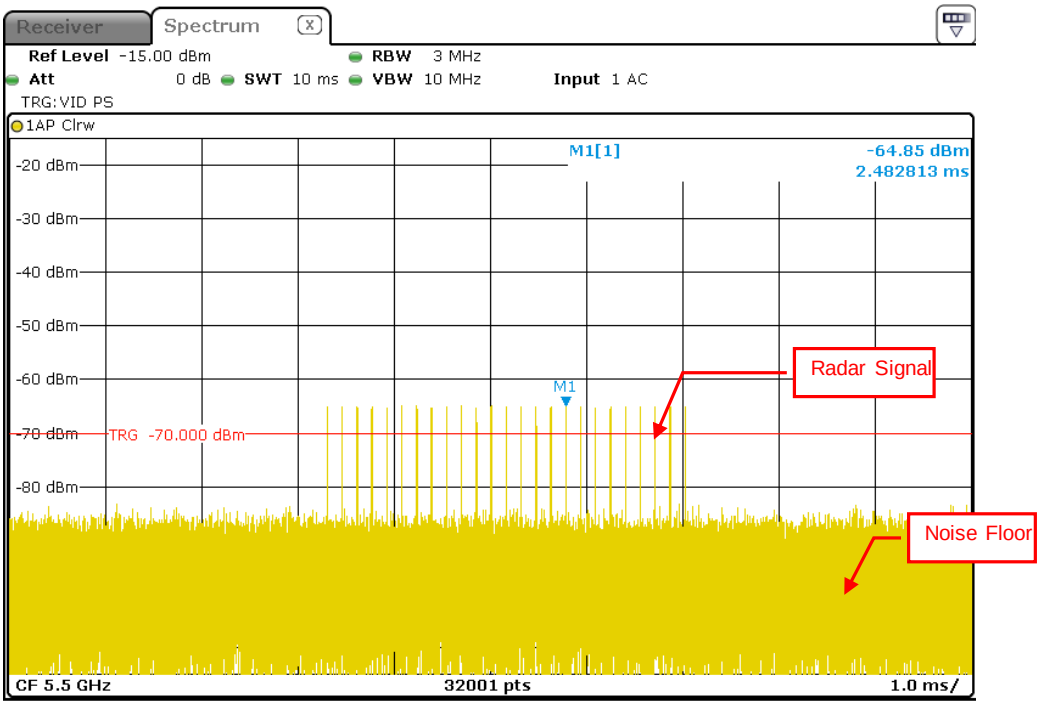
Radar Signal 0



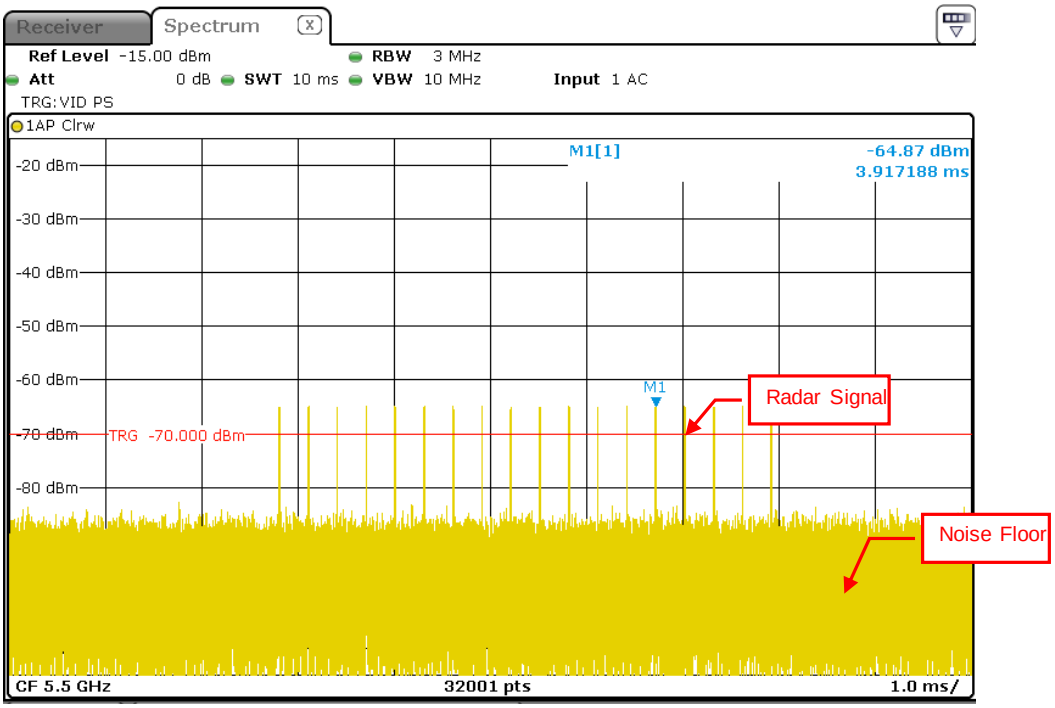
Radar Signal 1 (Test A)



Radar Signal 1 (Test B)

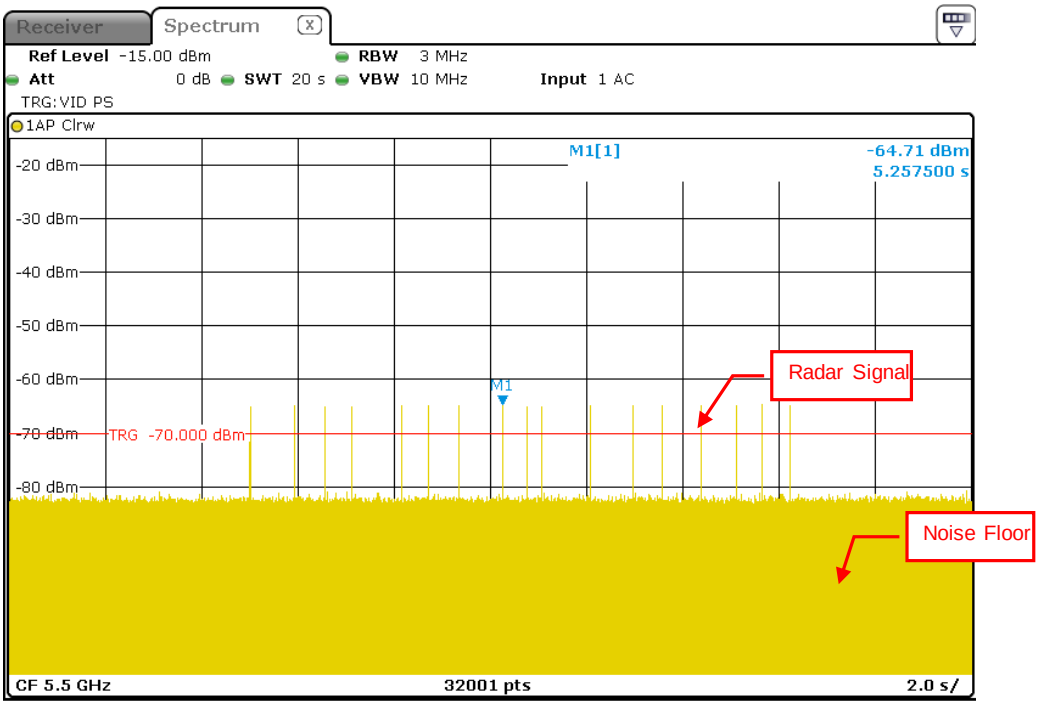


Radar Signal 2

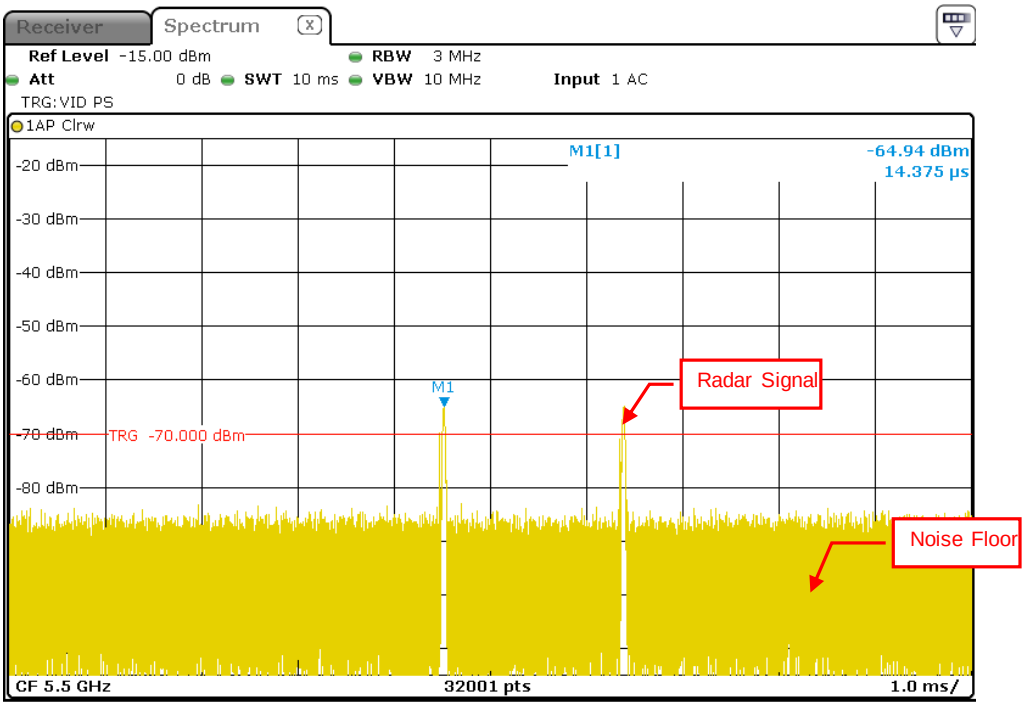


Radar Signal 3

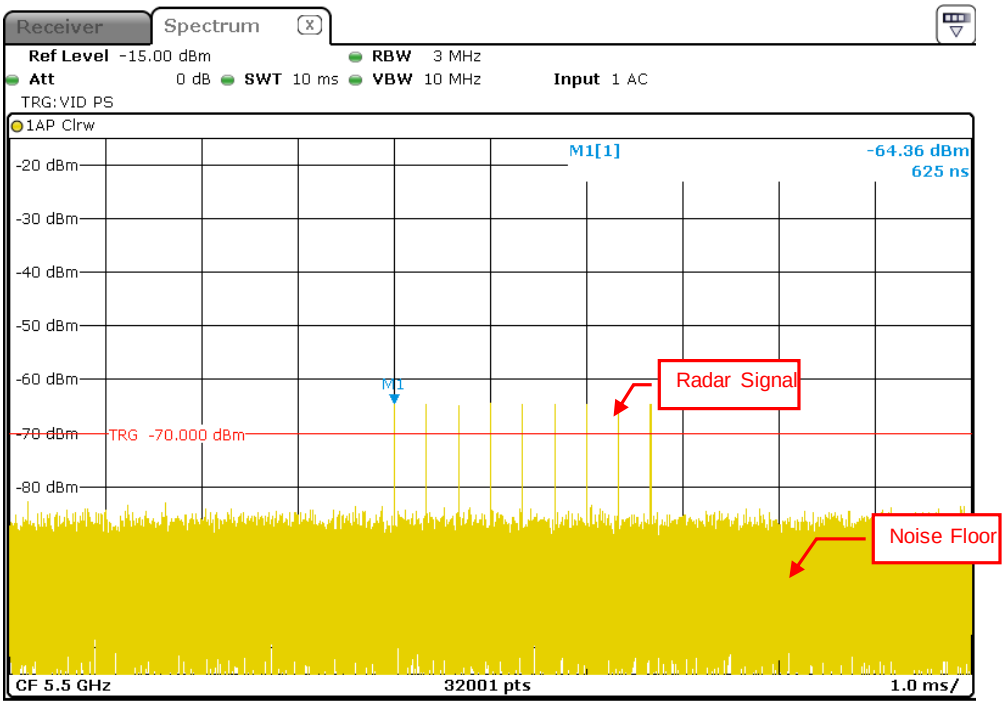
Radar Signal 4



Radar Signal 5



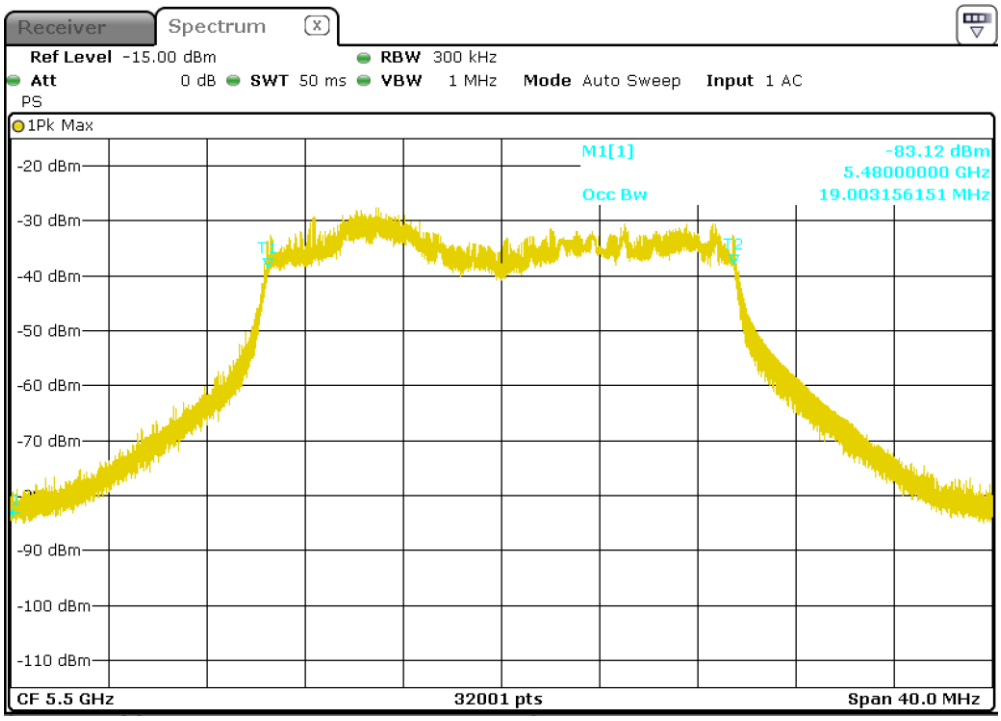
Single Burst of Radar Signal 5



Radar Signal 6

6.2.2 Detection Bandwidth

IEEE 802.11ax (20MHz)

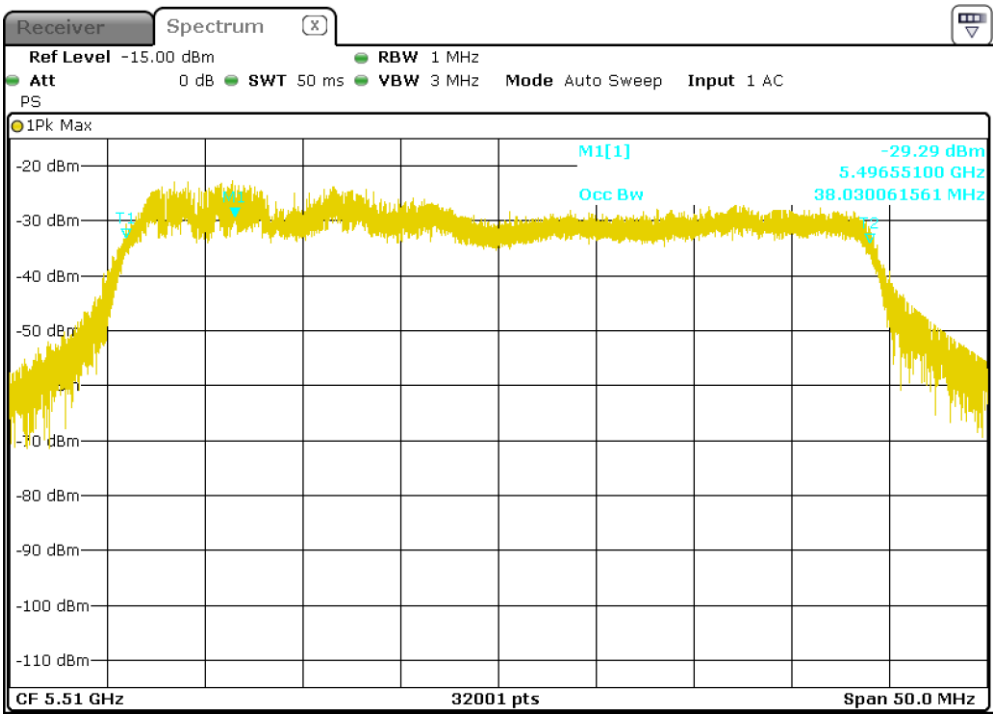


U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 19.00 MHz
UUT Occupied Bandwidth low edge (FL) : 5490.50 MHz
UUT Occupied Bandwidth high edge (FH) : 5509.50 MHz

IEEE 802.11ax (40MHz)

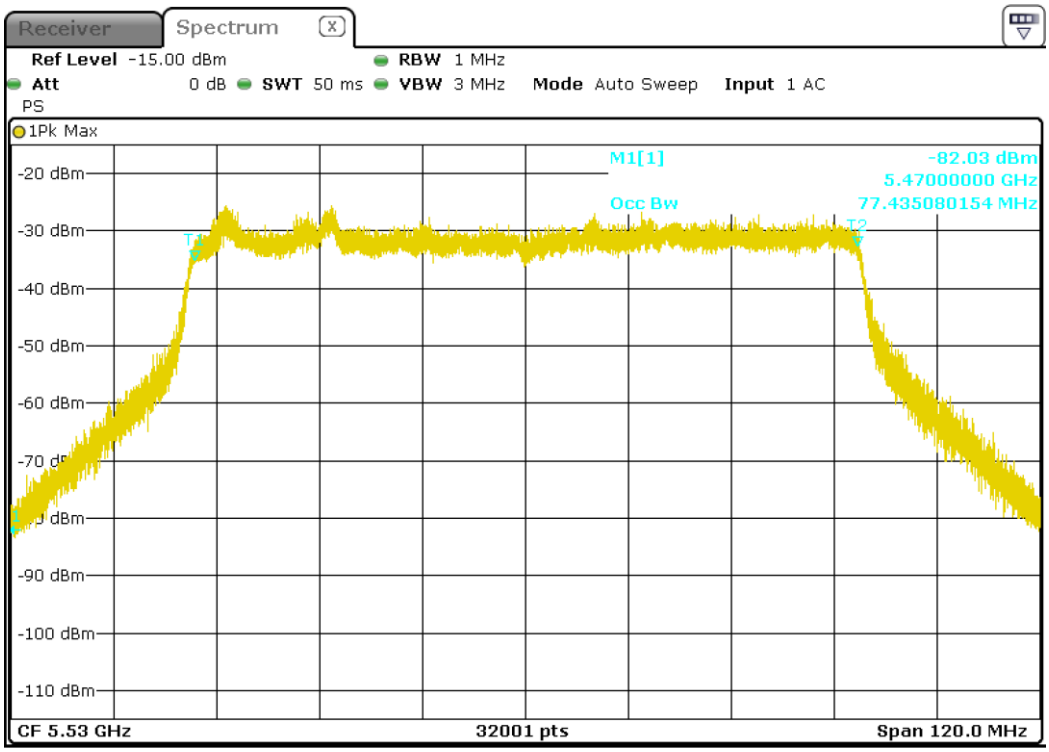


U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 38.03 MHz
UUT Occupied Bandwidth low edge (FL) : 5490.99 MHz
UUT Occupied Bandwidth high edge (FH) : 5529.02 MHz

IEEE 802.11ax (80MHz)



U-NII 99% Channel bandwidth

Notes:

UUT Occupied Bandwidth : 77.44 MHz
UUT Occupied Bandwidth low edge (FL) : 5491.28 MHz
UUT Occupied Bandwidth high edge (FH) : 5568.72 MHz

Detection Bandwidth Test - 802.11ax (20MHz)											
Radar Type 0 EUT Frequency: 5500MHz EUT 99% Power bandwidth: 19.00MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 19.00MHz 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	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0
5511 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100.0

Detection Bandwidth Test - 802.11ax (40MHz)											
Radar Type 0 EUT Frequency: 5510MHz EUT 99% Power bandwidth: 38.03MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 38.03MHz 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	Yes	No	No	No	No	No	No	No	No	No	10.0
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	No	90.0
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	Yes	No	No	No	No	No	No	No	No	No	10.0

Detection Bandwidth Test - 802.11ax (80MHz)											
Radar Type 0 EUT Frequency: 5530MHz EUT 99% Power bandwidth: 77.44MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 77.44MHz 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	Yes	Yes	No	No	No	No	No	No	No	No	20.0
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	Yes	Yes	Yes	100.0
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	Yes	No	No	No	No	No	No	No	No	No	10.0

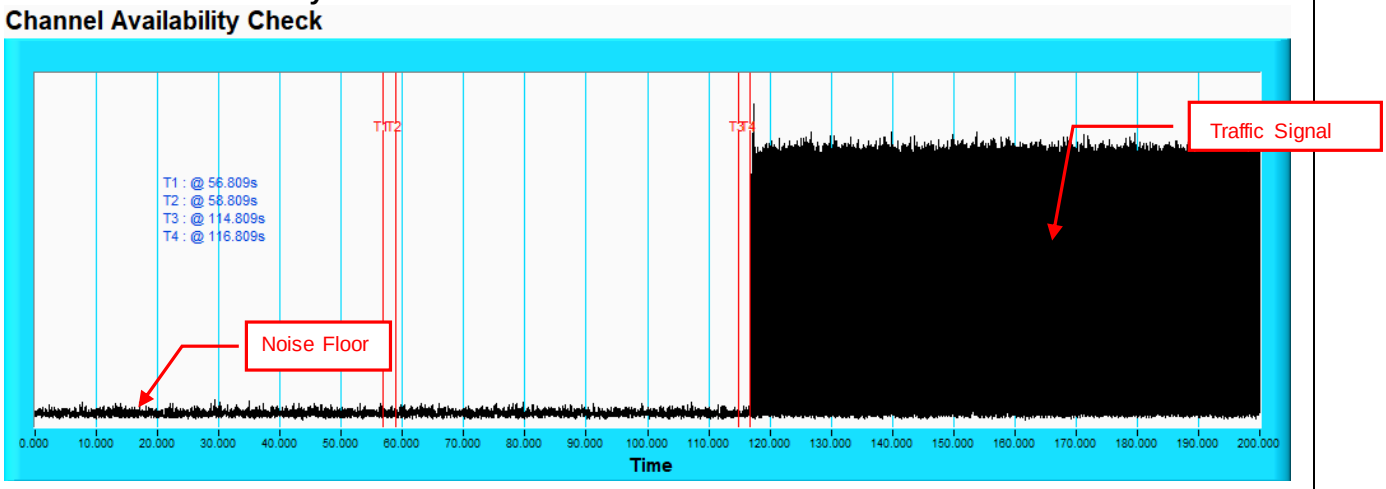
6.2.3 Channel Availability Check Time

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

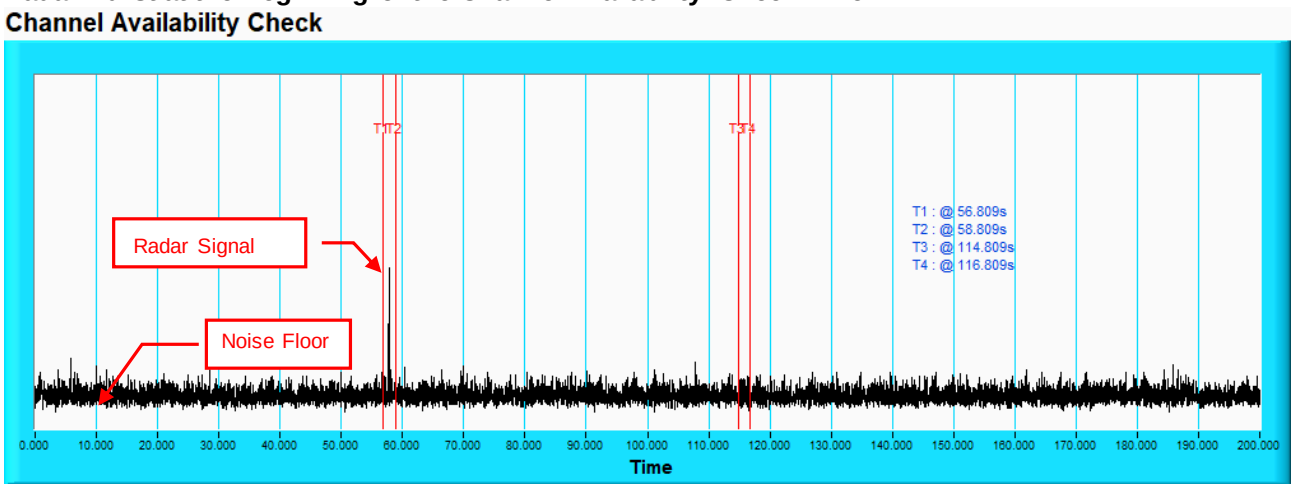
Note:Worst case channel for final “Channel Availability Check” test.

Initial Channel Availability Check Time



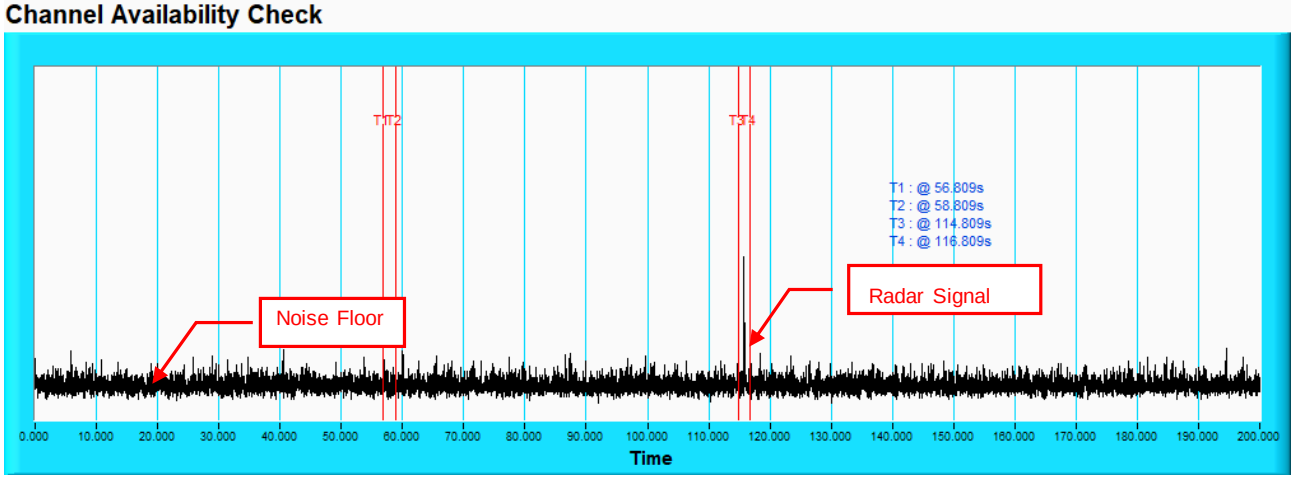
NOTE: T1 denotes the end of power-up time period is 56.809th second. T4 denotes the end of Channel Availability Check time is 116.809th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.

Radar Burst at the Beginning of the Channel Availability Check Time



NOTE: T1 denotes the end of power up time period is 56.809th second. T2 denotes 58.809th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 116.809th second.

Radar Burst at the End of the Channel Availability Check Time

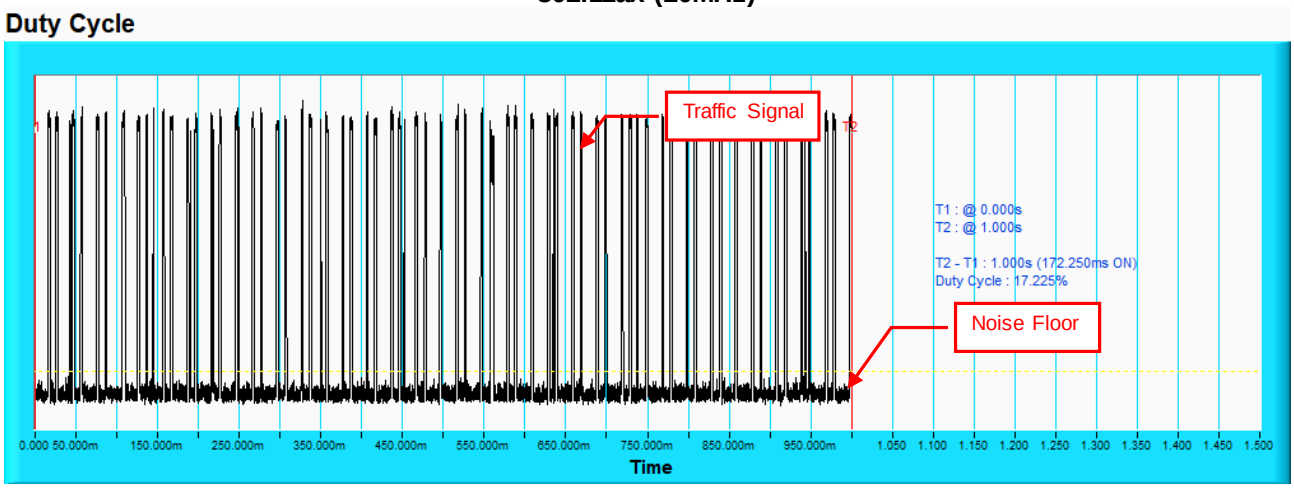


NOTE: T1 denotes the end of power up time period is 56.809th second.T3 denotes 114.809th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 116.809th second.

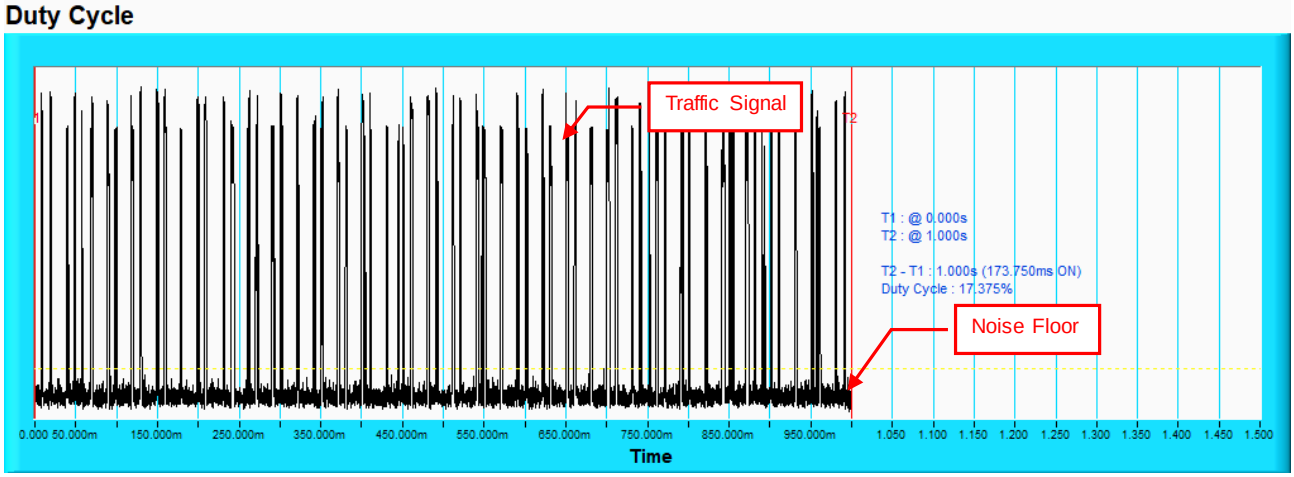
6.2.4 Channel Closing Transmission and Channel Move Time

Wireless Traffic Loading

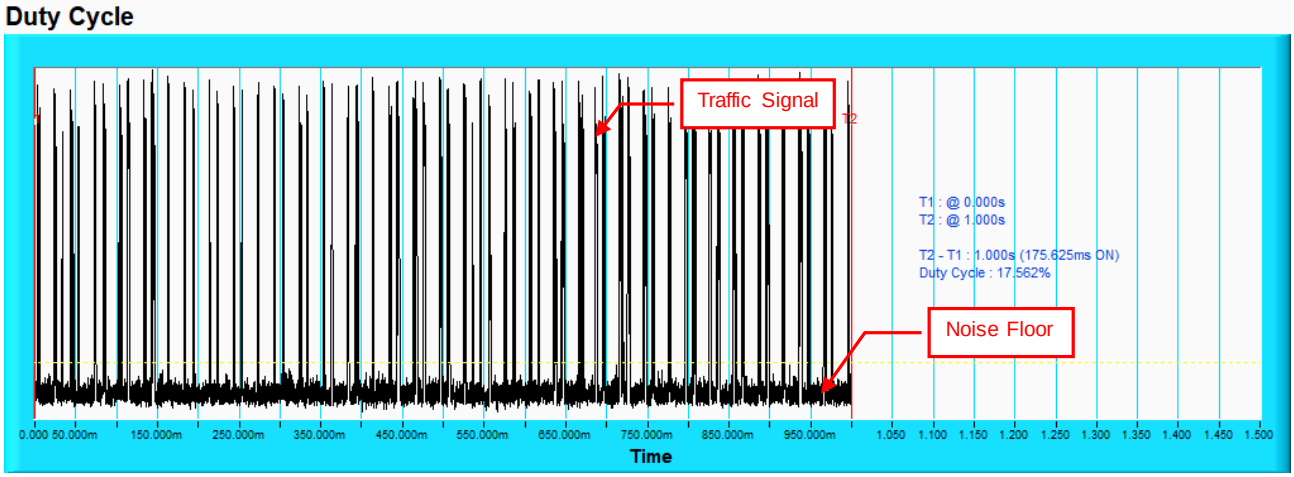
802.11ax (20MHz)



802.11ax (40MHz)



802.11ax (80MHz)



Note: Traffic signal: from master transmit to slave.

802.11ax (20MHz)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a ---------- Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	18	30	100
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

802.11ax (40MHz)

Table 1: Short Pulse Radar Test Waveforms.

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Number of Trials(Times)	Percentage of Successful Detection (%)
1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a ---------- Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	$\text{Roundup}\left\{\frac{1}{360}, \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}}\right\}$	18	30	100
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

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802.11ax (80MHz)

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	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a ---------- Test B: 15 unique PRI values randomly selected within the range of 518-3066 µsec, with a minimum increment of 1 µsec, excluding PRI values selected in Test A	Roundup $\left\{\left(\frac{1}{360}\right) \cdot \left(\frac{19 \cdot 10^6}{PRI_{\mu sec}}\right)\right\}$	18	30	100
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

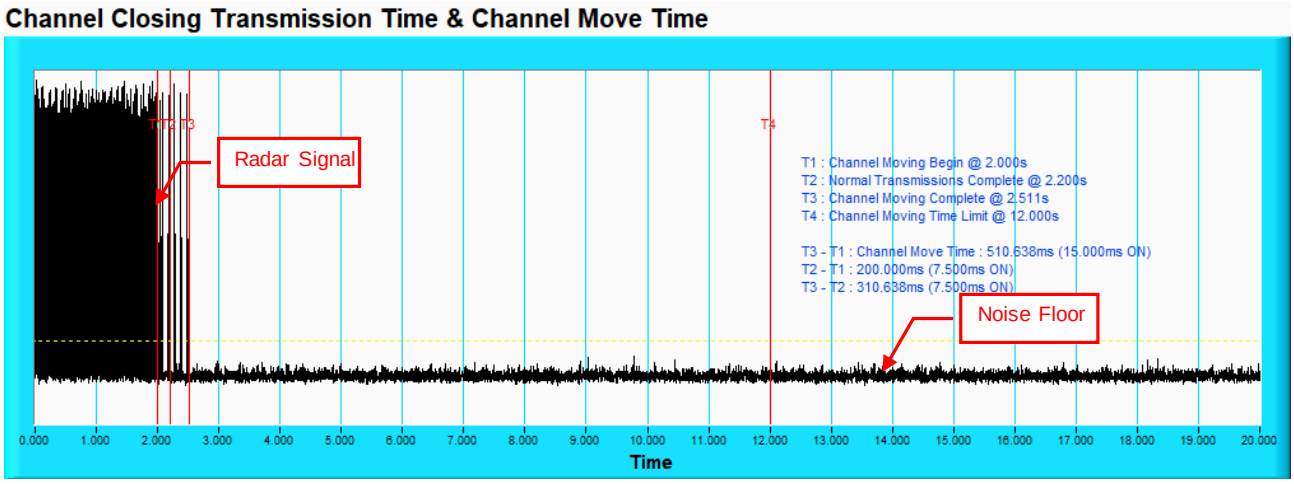
Table 3: Frequency Hopping Radar Test Waveform

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

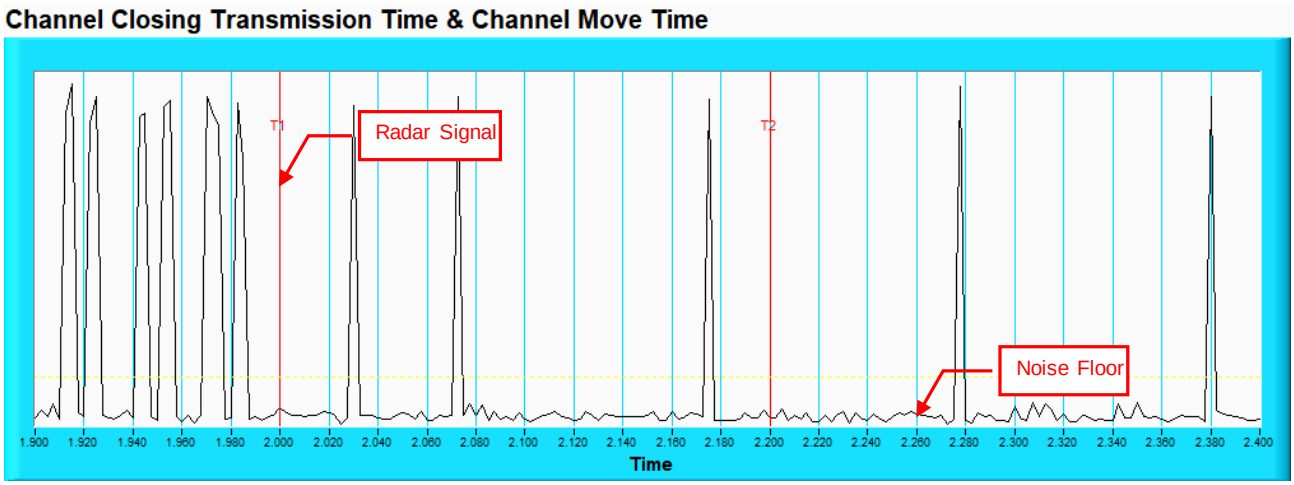
For Master Mode

Radar signal 0

802.11ax (80MHz)



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.

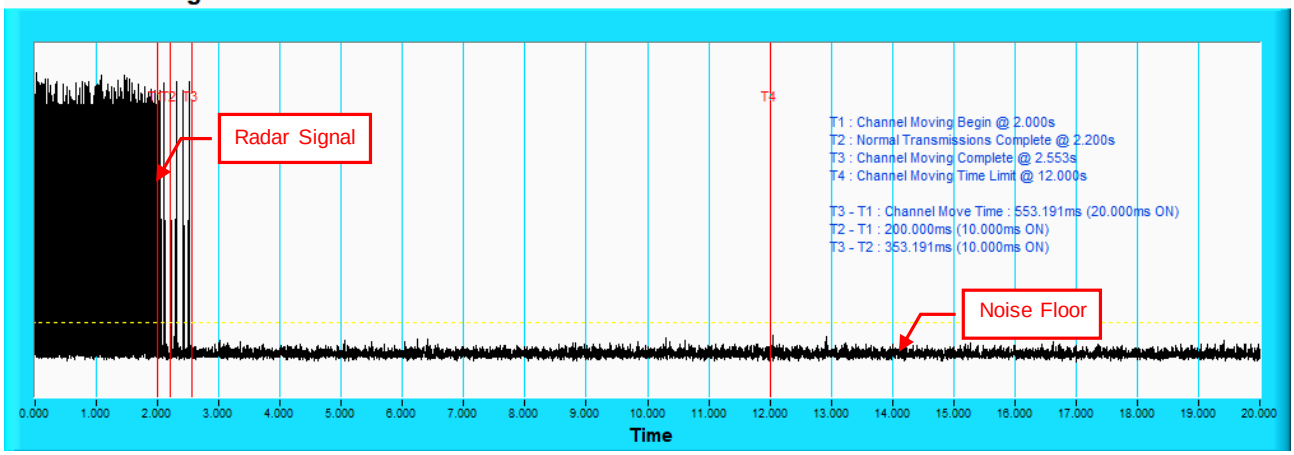


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 1

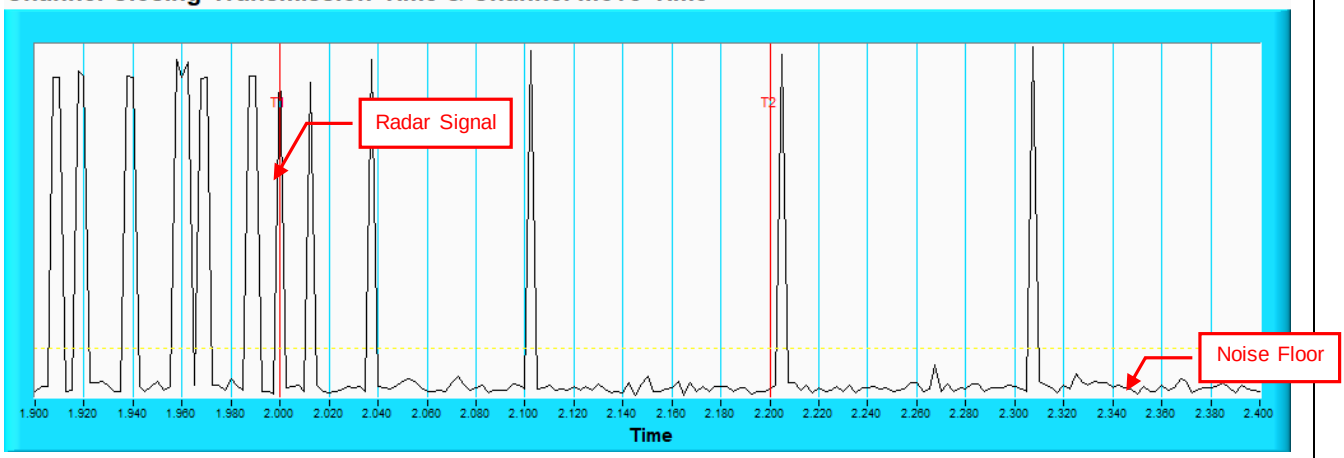
802.11ax (80MHz)

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

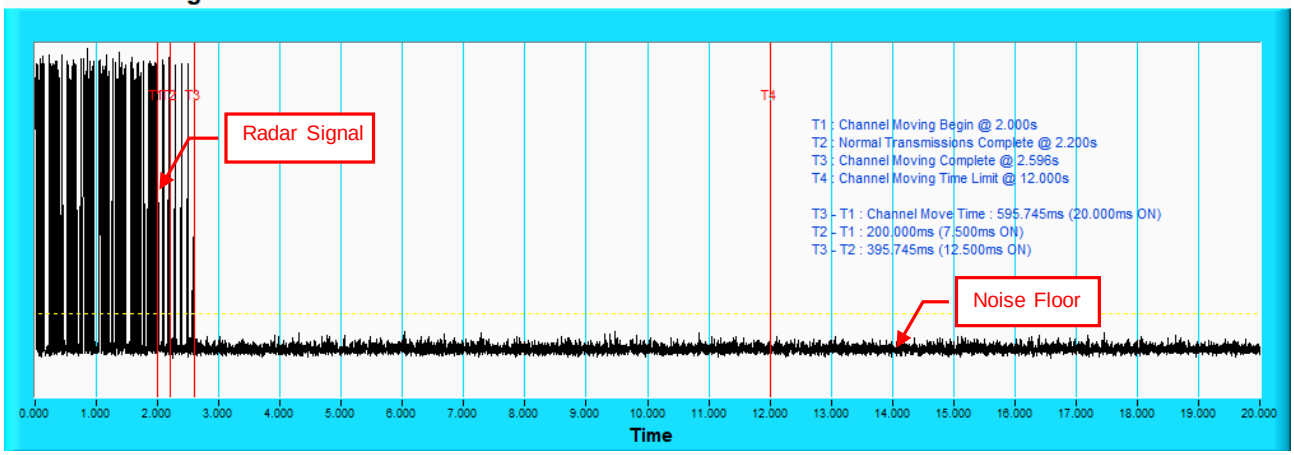


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 2

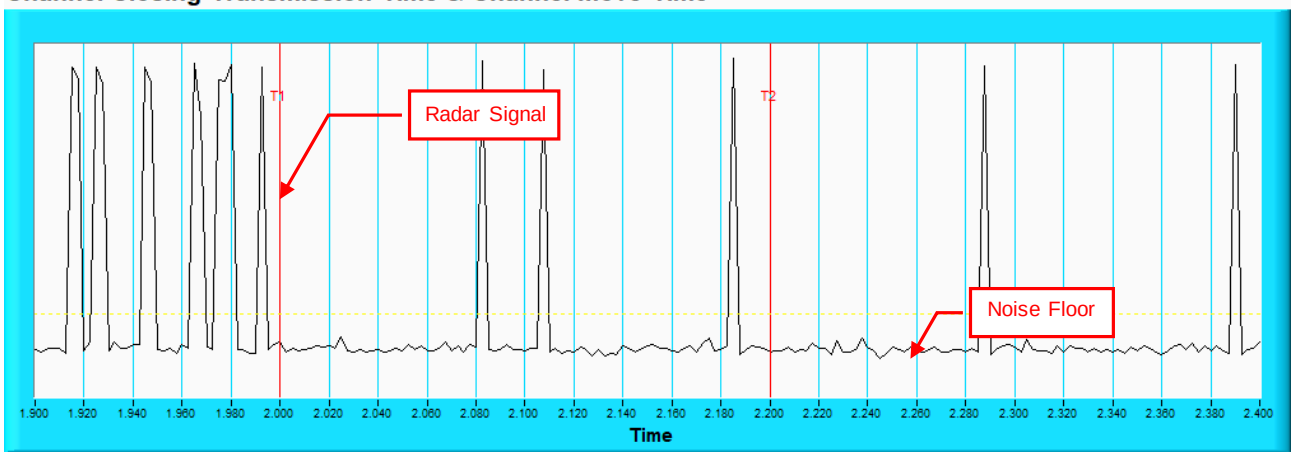
802.11ax (80MHz)

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.

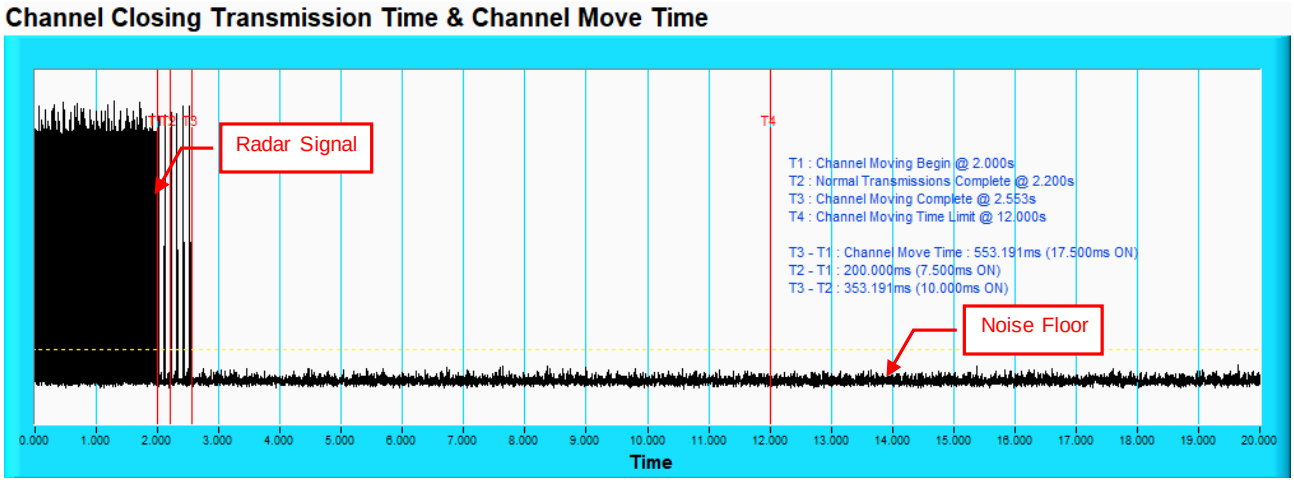
Channel Closing Transmission Time & Channel Move Time



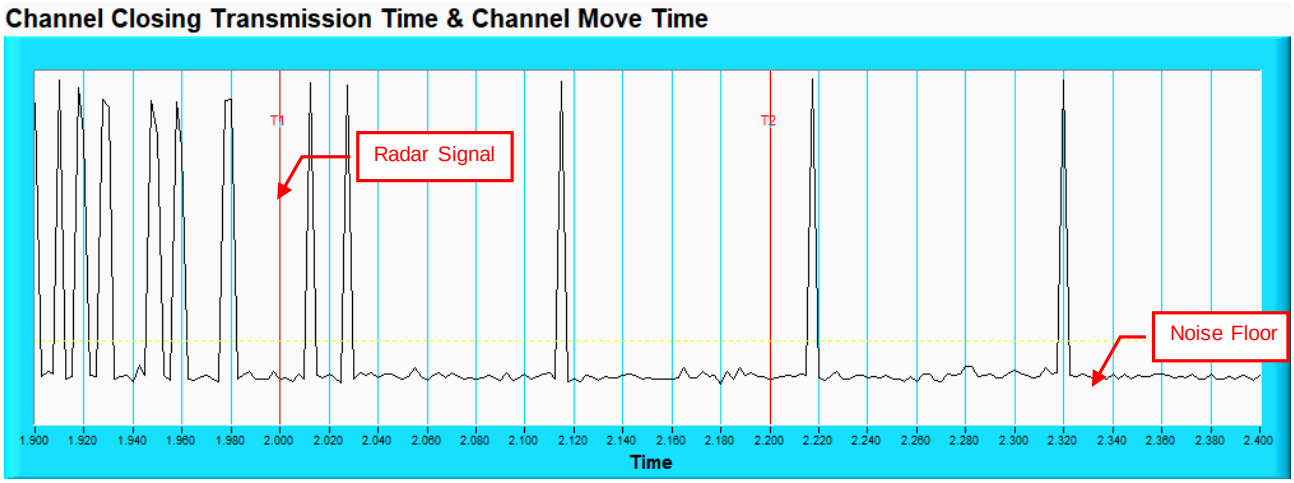
NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 3

802.11ax (80MHz)



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.

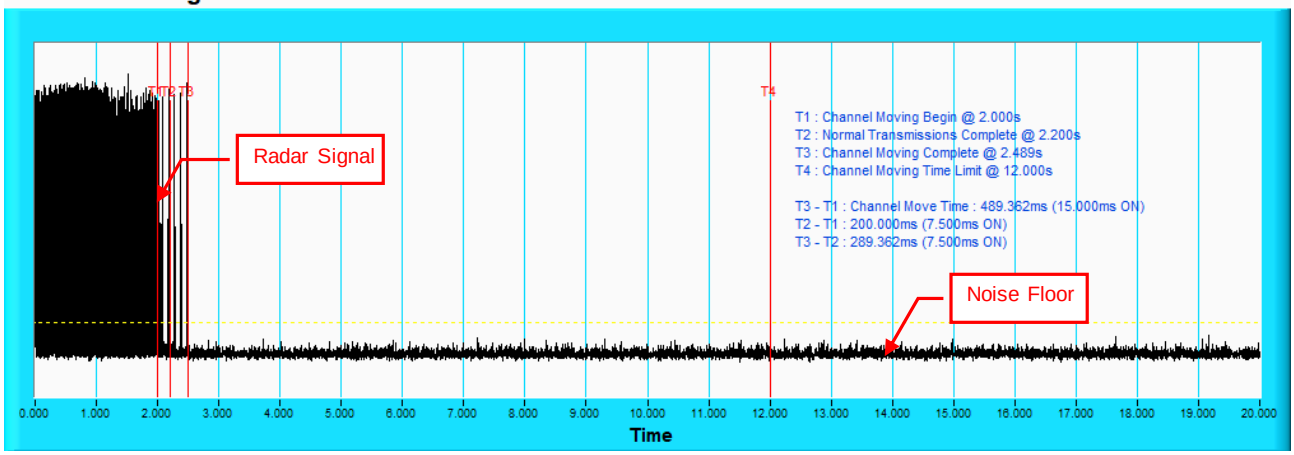


NOTE: Room-in of the first 500ms after radar signal applied.

Radar signal 4

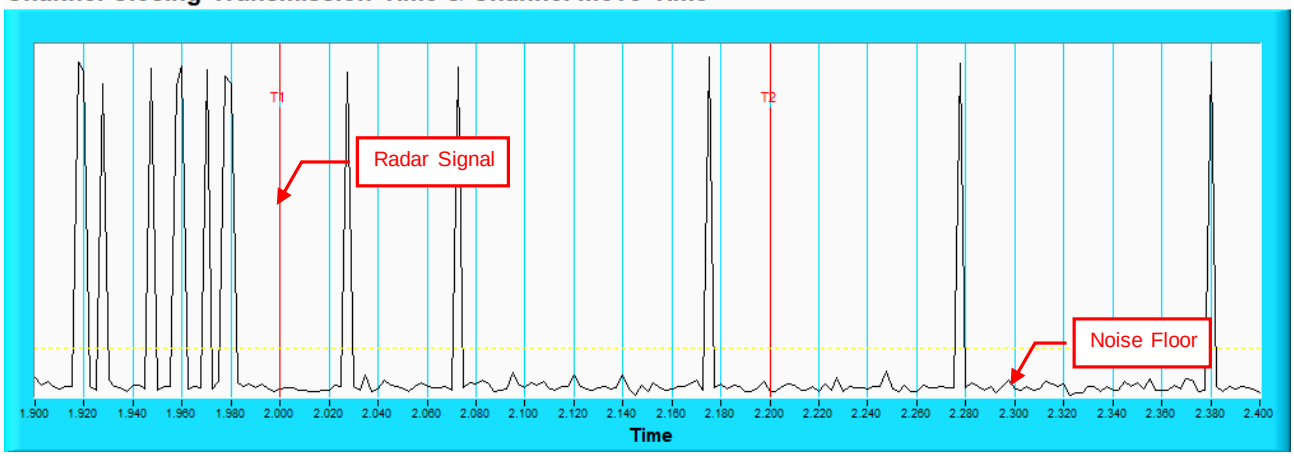
802.11ax (80MHz)

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.

802.11ax (20MHz)

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	5506	15	1253	67	798	Yes
2	5492	16	1223	65	818	Yes
3	5494	4	1730	92	578	Yes
4	5499	11	1393	74	718	Yes
5	5495	22	1066	57	938	Yes
6	5509	7	1567	83	638	Yes
7	5502	2	1859	99	538	Yes
8	5508	8	1520	81	658	Yes
9	5493	1	1931	102	518	Yes
10	5497	19	1139	61	878	Yes
11	5496	21	1089	58	918	Yes
12	5498	23	326.2	18	3066	Yes
13	5491	9	1475	78	678	Yes
14	5507	5	1672	89	598	Yes
15	5503	6	1618	86	618	Yes
16	5505		1111	59	900	Yes
17	5500		1024	55	977	Yes
18	5504		625.8	34	1598	Yes
19	5501		730.5	39	1369	Yes
20	5494		1181	63	847	Yes
21	5506		400.6	22	2496	Yes
22	5495		529.4	28	1889	Yes
23	5501		347.6	19	2877	Yes
24	5502		641.4	34	1559	Yes
25	5496		508.9	27	1965	Yes
26	5491		345.4	19	2895	Yes
27	5493		580.7	31	1722	Yes
28	5497		786.8	42	1271	Yes
29	5500		808.4	43	1237	Yes
30	5498		517.1	28	1934	Yes
						Detection Rate: 100 %

802.11ax (20MHz)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5496	24	1.7	174	Yes
2	5508	27	3.8	176	Yes
3	5493	28	4	161	Yes
4	5503	28	4.3	226	Yes
5	5498	24	1.9	193	Yes
6	5500	23	1.1	230	Yes
7	5507	29	4.5	198	Yes
8	5495	26	2.9	227	Yes
9	5504	26	2.8	171	Yes
10	5506	27	3.6	221	Yes
11	5499	23	1.1	180	Yes
12	5492	23	1.3	189	Yes
13	5502	25	2.5	204	Yes
14	5505	29	4.5	203	Yes
15	5501	29	5	170	Yes
16	5491	26	3.1	201	Yes
17	5497	24	2.1	218	Yes
18	5494	25	2.6	208	Yes
19	5509	24	1.8	223	Yes
20	5501	23	1.2	220	Yes
21	5508	26	2.9	224	Yes
22	5493	28	4	160	Yes
23	5491	25	2.5	209	Yes
24	5492	23	1	205	Yes
25	5496	27	3.7	151	Yes
26	5505	25	2.5	186	Yes
27	5500	23	1.5	190	Yes
28	5498	23	1.3	185	Yes
29	5495	23	1.2	175	Yes
30	5507	24	1.7	216	Yes
Detection Rate: 100 %					

802.11ax (20MHz)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5508	16	6.7	467	Yes
2	5494	18	8.8	304	Yes
3	5492	18	9	316	Yes
4	5491	18	9.3	439	Yes
5	5503	16	6.9	420	Yes
6	5496	16	6.1	249	Yes
7	5497	18	9.5	463	Yes
8	5501	17	7.9	258	Yes
9	5495	17	7.8	212	Yes
10	5509	17	8.6	236	Yes
11	5504	16	6.1	474	Yes
12	5499	16	6.3	461	Yes
13	5505	17	7.5	437	Yes
14	5493	18	9.5	287	Yes
15	5502	18	10	395	Yes
16	5506	17	8.1	322	Yes
17	5507	16	7.1	468	Yes
18	5500	17	7.6	255	Yes
19	5498	16	6.8	423	Yes
20	5495	16	6.2	456	Yes
21	5499	17	7.9	351	Yes
22	5491	18	9	411	Yes
23	5496	17	7.5	279	Yes
24	5498	16	6	431	Yes
25	5506	17	8.7	324	Yes
26	5494	17	7.5	419	Yes
27	5493	16	6.5	447	Yes
28	5492	16	6.3	481	Yes
29	5500	16	6.2	438	Yes
30	5501	16	6.7	270	Yes
					Detection Rate: 100 %

802.11ax (20MHz)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5505	12	12.5	467	Yes
2	5503	15	17.2	304	Yes
3	5493	15	17.8	316	Yes
4	5491	16	18.5	439	Yes
5	5496	13	13.1	420	Yes
6	5495	12	11.3	249	Yes
7	5504	16	18.8	463	Yes
8	5501	14	15.3	258	Yes
9	5492	14	15.1	212	Yes
10	5506	15	16.9	236	Yes
11	5509	12	11.2	474	Yes
12	5494	12	11.7	461	Yes
13	5500	13	14.4	437	Yes
14	5499	16	18.9	287	Yes
15	5497	16	19.9	395	Yes
16	5502	14	15.7	322	Yes
17	5508	13	13.4	468	Yes
18	5507	13	14.5	255	Yes
19	5498	13	12.9	423	Yes
20	5500	12	11.5	456	Yes
21	5502	14	15.3	351	Yes
22	5498	15	17.8	411	Yes
23	5503	13	14.3	279	Yes
24	5508	12	11.1	431	Yes
25	5496	15	17	324	Yes
26	5506	13	14.5	419	Yes
27	5494	12	12.1	447	Yes
28	5501	12	11.7	481	Yes
29	5497	12	11.6	438	Yes
30	5504	12	12.7	270	Yes
Detection Rate: 100 %					

802.11ax (20MHz)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	13	5500.0	LP_Signal_01	Yes
2	5	5500.0	LP_Signal_02	Yes
3	9	5500.0	LP_Signal_03	Yes
4	19	5500.0	LP_Signal_04	Yes
5	16	5500.0	LP_Signal_05	Yes
6	12	5500.0	LP_Signal_06	Yes
7	13	5500.0	LP_Signal_07	Yes
8	10	5500.0	LP_Signal_08	Yes
9	13	5500.0	LP_Signal_09	Yes
10	6	5500.0	LP_Signal_10	Yes
11	16	5496.9	LP_Signal_11	Yes
12	19	5498.1	LP_Signal_12	Yes
13	13	5495.7	LP_Signal_13	Yes
14	10	5494.5	LP_Signal_14	Yes
15	18	5497.7	LP_Signal_15	Yes
16	12	5495.3	LP_Signal_16	Yes
17	20	5498.5	LP_Signal_17	Yes
18	10	5494.5	LP_Signal_18	Yes
19	12	5495.3	LP_Signal_19	Yes
20	10	5494.5	LP_Signal_20	Yes
21	15	5503.5	LP_Signal_21	Yes
22	9	5505.9	LP_Signal_22	Yes
23	20	5501.5	LP_Signal_23	Yes
24	12	5504.7	LP_Signal_24	Yes
25	11	5505.1	LP_Signal_25	Yes
26	5	5507.5	LP_Signal_26	Yes
27	16	5503.1	LP_Signal_27	Yes
28	19	5501.9	LP_Signal_28	Yes
29	10	5505.5	LP_Signal_29	Yes
30	17	5502.7	LP_Signal_30	Yes
				Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (20MHz)

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 %				

802.11ax (20MHz)

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	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

802.11ax (40MHz)

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	5501	15	1253	67	798	Yes
2	5494	16	1223	65	818	Yes
3	5524	4	1730	92	578	Yes
4	5510	11	1393	74	718	Yes
5	5504	22	1066	57	938	Yes
6	5492	7	1567	83	638	Yes
7	5514	2	1859	99	538	Yes
8	5495	8	1520	81	658	Yes
9	5497	1	1931	102	518	Yes
10	5521	19	1139	61	878	Yes
11	5500	21	1089	58	918	Yes
12	5525	23	326.2	18	3066	Yes
13	5498	9	1475	78	678	Yes
14	5520	5	1672	89	598	Yes
15	5506	6	1618	86	618	Yes
16	5518		1111	59	900	Yes
17	5515		1024	55	977	Yes
18	5516		625.8	34	1598	Yes
19	5503		730.5	39	1369	Yes
20	5493		1181	63	847	Yes
21	5512		400.6	22	2496	Yes
22	5507		529.4	28	1889	Yes
23	5513		347.6	19	2877	Yes
24	5508		641.4	34	1559	Yes
25	5522		508.9	27	1965	Yes
26	5496		345.4	19	2895	Yes
27	5511		580.7	31	1722	Yes
28	5519		786.8	42	1271	Yes
29	5517		808.4	43	1237	Yes
30	5502		517.1	28	1934	Yes
Detection Rate: 100 %						

802.11ax (40MHz)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5518	24	1.7	174	Yes
2	5510	27	3.8	176	Yes
3	5524	28	4	161	Yes
4	5495	28	4.3	226	Yes
5	5496	24	1.9	193	Yes
6	5512	23	1.1	230	Yes
7	5499	29	4.5	198	Yes
8	5525	26	2.9	227	Yes
9	5527	26	2.8	171	Yes
10	5506	27	3.6	221	Yes
11	5498	23	1.1	180	Yes
12	5497	23	1.3	189	Yes
13	5492	25	2.5	204	Yes
14	5513	29	4.5	203	Yes
15	5516	29	5	170	Yes
16	5504	26	3.1	201	Yes
17	5493	24	2.1	218	Yes
18	5509	25	2.6	208	Yes
19	5501	24	1.8	223	Yes
20	5514	23	1.2	220	Yes
21	5494	26	2.9	224	Yes
22	5517	28	4	160	Yes
23	5520	25	2.5	209	Yes
24	5515	23	1	205	Yes
25	5522	27	3.7	151	Yes
26	5521	25	2.5	186	Yes
27	5528	23	1.5	190	Yes
28	5500	23	1.3	185	Yes
29	5503	23	1.2	175	Yes
30	5507	24	1.7	216	Yes
Detection Rate: 100 %					

802.11ax (40MHz)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5526	16	6.7	467	Yes
2	5511	18	8.8	304	Yes
3	5504	18	9	316	Yes
4	5507	18	9.3	439	Yes
5	5528	16	6.9	420	Yes
6	5501	16	6.1	249	Yes
7	5514	18	9.5	463	Yes
8	5493	17	7.9	258	Yes
9	5492	17	7.8	212	Yes
10	5510	17	8.6	236	Yes
11	5518	16	6.1	474	Yes
12	5499	16	6.3	461	Yes
13	5497	17	7.5	437	Yes
14	5505	18	9.5	287	Yes
15	5506	18	10	395	Yes
16	5519	17	8.1	322	Yes
17	5524	16	7.1	468	Yes
18	5495	17	7.6	255	Yes
19	5498	16	6.8	423	Yes
20	5523	16	6.2	456	Yes
21	5509	17	7.9	351	Yes
22	5502	18	9	411	Yes
23	5494	17	7.5	279	Yes
24	5522	16	6	431	Yes
25	5500	17	8.7	324	Yes
26	5513	17	7.5	419	Yes
27	5508	16	6.5	447	Yes
28	5517	16	6.3	481	Yes
29	5520	16	6.2	438	Yes
30	5521	16	6.7	270	Yes
					Detection Rate: 100 %

802.11ax (40MHz)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5515	12	12.5	467	Yes
2	5493	15	17.2	304	Yes
3	5520	15	17.8	316	Yes
4	5502	16	18.5	439	Yes
5	5496	13	13.1	420	Yes
6	5510	12	11.3	249	Yes
7	5498	16	18.8	463	Yes
8	5521	14	15.3	258	Yes
9	5508	14	15.1	212	Yes
10	5513	15	16.9	236	Yes
11	5499	12	11.2	474	Yes
12	5512	12	11.7	461	Yes
13	5494	13	14.4	437	Yes
14	5505	16	18.9	287	Yes
15	5506	16	19.9	395	Yes
16	5507	14	15.7	322	Yes
17	5517	13	13.4	468	Yes
18	5504	13	14.5	255	Yes
19	5528	13	12.9	423	Yes
20	5495	12	11.5	456	Yes
21	5526	14	15.3	351	Yes
22	5522	15	17.8	411	Yes
23	5514	13	14.3	279	Yes
24	5527	12	11.1	431	Yes
25	5500	15	17	324	Yes
26	5492	13	14.5	419	Yes
27	5509	12	12.1	447	Yes
28	5519	12	11.7	481	Yes
29	5497	12	11.6	438	Yes
30	5501	12	12.7	270	Yes
Detection Rate: 100 %					

802.11ax (40MHz)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	13	5510.00	LP_Signal_01	Yes
2	5	5510.00	LP_Signal_02	Yes
3	9	5510.00	LP_Signal_03	Yes
4	19	5510.00	LP_Signal_04	Yes
5	16	5510.00	LP_Signal_05	Yes
6	12	5510.00	LP_Signal_06	Yes
7	13	5510.00	LP_Signal_07	Yes
8	10	5510.00	LP_Signal_08	Yes
9	13	5510.00	LP_Signal_09	Yes
10	6	5510.00	LP_Signal_10	Yes
11	16	5497.38	LP_Signal_11	Yes
12	19	5498.58	LP_Signal_12	Yes
13	13	5496.18	LP_Signal_13	Yes
14	10	5494.98	LP_Signal_14	Yes
15	18	5498.18	LP_Signal_15	Yes
16	12	5495.78	LP_Signal_16	Yes
17	20	5498.98	LP_Signal_17	Yes
18	10	5494.98	LP_Signal_18	Yes
19	12	5495.78	LP_Signal_19	Yes
20	10	5494.98	LP_Signal_20	Yes
21	15	5523.02	LP_Signal_21	Yes
22	9	5525.42	LP_Signal_22	Yes
23	20	5521.02	LP_Signal_23	Yes
24	12	5524.22	LP_Signal_24	Yes
25	11	5524.62	LP_Signal_25	Yes
26	5	5527.02	LP_Signal_26	Yes
27	16	5522.62	LP_Signal_27	Yes
28	19	5521.42	LP_Signal_28	Yes
29	10	5525.02	LP_Signal_29	Yes
30	17	5522.22	LP_Signal_30	Yes
				Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (40MHz)

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 %				

802.11ax (40MHz)

Type 6 Radar Statistical Performances		
Trial #	Hopping Frequency Sequence Name	Detection
1	HOP_FREQ_SEQ_01	Yes
2	HOP_FREQ_SEQ_02	Yes
3	HOP_FREQ_SEQ_03	Yes
4	HOP_FREQ_SEQ_04	Yes
5	HOP_FREQ_SEQ_05	Yes
6	HOP_FREQ_SEQ_06	Yes
7	HOP_FREQ_SEQ_07	Yes
8	HOP_FREQ_SEQ_08	Yes
9	HOP_FREQ_SEQ_09	Yes
10	HOP_FREQ_SEQ_10	Yes
11	HOP_FREQ_SEQ_11	Yes
12	HOP_FREQ_SEQ_12	Yes
13	HOP_FREQ_SEQ_13	Yes
14	HOP_FREQ_SEQ_14	Yes
15	HOP_FREQ_SEQ_15	Yes
16	HOP_FREQ_SEQ_16	Yes
17	HOP_FREQ_SEQ_17	Yes
18	HOP_FREQ_SEQ_18	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

802.11ax (80MHz)

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	5566	15	1253	67	798	Yes
2	5500	16	1223	65	818	Yes
3	5494	4	1730	92	578	Yes
4	5534	11	1393	74	718	Yes
5	5496	22	1066	57	938	Yes
6	5524	7	1567	83	638	Yes
7	5498	2	1859	99	538	Yes
8	5499	8	1520	81	658	Yes
9	5544	1	1931	102	518	Yes
10	5501	19	1139	61	878	Yes
11	5540	21	1089	58	918	Yes
12	5512	23	326.2	18	3066	Yes
13	5538	9	1475	78	678	Yes
14	5505	5	1672	89	598	Yes
15	5533	6	1618	86	618	Yes
16	5514		1111	59	900	Yes
17	5531		1024	55	977	Yes
18	5529		625.8	34	1598	Yes
19	5555		730.5	39	1369	Yes
20	5526		1181	63	847	Yes
21	5507		400.6	22	2496	Yes
22	5523		529.4	28	1889	Yes
23	5503		347.6	19	2877	Yes
24	5493		641.4	34	1559	Yes
25	5508		508.9	27	1965	Yes
26	5520		345.4	19	2895	Yes
27	5564		580.7	31	1722	Yes
28	5535		786.8	42	1271	Yes
29	5557		808.4	43	1237	Yes
30	5504		517.1	28	1934	Yes
Detection Rate: 100 %						

802.11ax (80MHz)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5547	24	1.7	174	Yes
2	5539	27	3.8	176	Yes
3	5565	28	4	161	Yes
4	5564	28	4.3	226	Yes
5	5550	24	1.9	193	Yes
6	5553	23	1.1	230	Yes
7	5498	29	4.5	198	Yes
8	5563	26	2.9	227	Yes
9	5499	26	2.8	171	Yes
10	5543	27	3.6	221	Yes
11	5533	23	1.1	180	Yes
12	5561	23	1.3	189	Yes
13	5557	25	2.5	204	Yes
14	5559	29	4.5	203	Yes
15	5556	29	5	170	Yes
16	5507	26	3.1	201	Yes
17	5545	24	2.1	218	Yes
18	5519	25	2.6	208	Yes
19	5546	24	1.8	223	Yes
20	5520	23	1.2	220	Yes
21	5512	26	2.9	224	Yes
22	5528	28	4	160	Yes
23	5551	25	2.5	209	Yes
24	5524	23	1	205	Yes
25	5516	27	3.7	151	Yes
26	5505	25	2.5	186	Yes
27	5518	23	1.5	190	Yes
28	5509	23	1.3	185	Yes
29	5554	23	1.2	175	Yes
30	5562	24	1.7	216	Yes
					Detection Rate: 100 %

802.11ax (80MHz)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5492	16	6.7	467	Yes
2	5493	18	8.8	304	Yes
3	5544	18	9	316	Yes
4	5494	18	9.3	439	Yes
5	5536	16	6.9	420	Yes
6	5522	16	6.1	249	Yes
7	5550	18	9.5	463	Yes
8	5555	17	7.9	258	Yes
9	5505	17	7.8	212	Yes
10	5568	17	8.6	236	Yes
11	5548	16	6.1	474	Yes
12	5519	16	6.3	461	Yes
13	5495	17	7.5	437	Yes
14	5499	18	9.5	287	Yes
15	5504	18	10	395	Yes
16	5507	17	8.1	322	Yes
17	5534	16	7.1	468	Yes
18	5498	17	7.6	255	Yes
19	5525	16	6.8	423	Yes
20	5516	16	6.2	456	Yes
21	5497	17	7.9	351	Yes
22	5565	18	9	411	Yes
23	5557	17	7.5	279	Yes
24	5501	16	6	431	Yes
25	5531	17	8.7	324	Yes
26	5553	17	7.5	419	Yes
27	5523	16	6.5	447	Yes
28	5512	16	6.3	481	Yes
29	5502	16	6.2	438	Yes
30	5521	16	6.7	270	Yes
					Detection Rate: 100 %

802.11ax (80MHz)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	12	12.5	467	Yes
2	5532	15	17.2	304	Yes
3	5549	15	17.8	316	Yes
4	5507	16	18.5	439	Yes
5	5496	13	13.1	420	Yes
6	5531	12	11.3	249	Yes
7	5492	16	18.8	463	Yes
8	5527	14	15.3	258	Yes
9	5568	14	15.1	212	Yes
10	5501	15	16.9	236	Yes
11	5505	12	11.2	474	Yes
12	5517	12	11.7	461	Yes
13	5550	13	14.4	437	Yes
14	5536	16	18.9	287	Yes
15	5562	16	19.9	395	Yes
16	5566	14	15.7	322	Yes
17	5519	13	13.4	468	Yes
18	5539	13	14.5	255	Yes
19	5502	13	12.9	423	Yes
20	5521	12	11.5	456	Yes
21	5523	14	15.3	351	Yes
22	5558	15	17.8	411	Yes
23	5514	13	14.3	279	Yes
24	5512	12	11.1	431	Yes
25	5555	15	17	324	Yes
26	5533	13	14.5	419	Yes
27	5559	12	12.1	447	Yes
28	5565	12	11.7	481	Yes
29	5535	12	11.6	438	Yes
30	5511	12	12.7	270	Yes
					Detection Rate:100 %

802.11ax (80MHz)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	13	5530.00	LP_Signal_01	Yes
2	5	5530.00	LP_Signal_02	Yes
3	9	5530.00	LP_Signal_03	Yes
4	19	5530.00	LP_Signal_04	Yes
5	16	5530.00	LP_Signal_05	Yes
6	12	5530.00	LP_Signal_06	Yes
7	13	5530.00	LP_Signal_07	Yes
8	10	5530.00	LP_Signal_08	Yes
9	13	5530.00	LP_Signal_09	Yes
10	6	5530.00	LP_Signal_10	Yes
11	19	5498.88	LP_Signal_11	Yes
12	12	5496.08	LP_Signal_12	Yes
13	18	5498.48	LP_Signal_13	Yes
14	7	5494.08	LP_Signal_14	Yes
15	9	5494.88	LP_Signal_15	Yes
16	15	5497.28	LP_Signal_16	Yes
17	15	5497.28	LP_Signal_17	Yes
18	14	5496.88	LP_Signal_18	Yes
19	19	5498.88	LP_Signal_19	Yes
20	17	5498.08	LP_Signal_20	Yes
21	5	5566.72	LP_Signal_21	Yes
22	5	5566.72	LP_Signal_22	Yes
23	13	5563.52	LP_Signal_23	Yes
24	7	5565.92	LP_Signal_24	Yes
25	14	5563.12	LP_Signal_25	Yes
26	10	5564.72	LP_Signal_26	Yes
27	15	5562.72	LP_Signal_27	Yes
28	9	5565.12	LP_Signal_28	Yes
29	5	5566.72	LP_Signal_29	Yes
30	10	5564.72	LP_Signal_30	Yes
				Detection Rate: 100 %

The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (80MHz)

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 %				

802.11ax (80MHz)

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

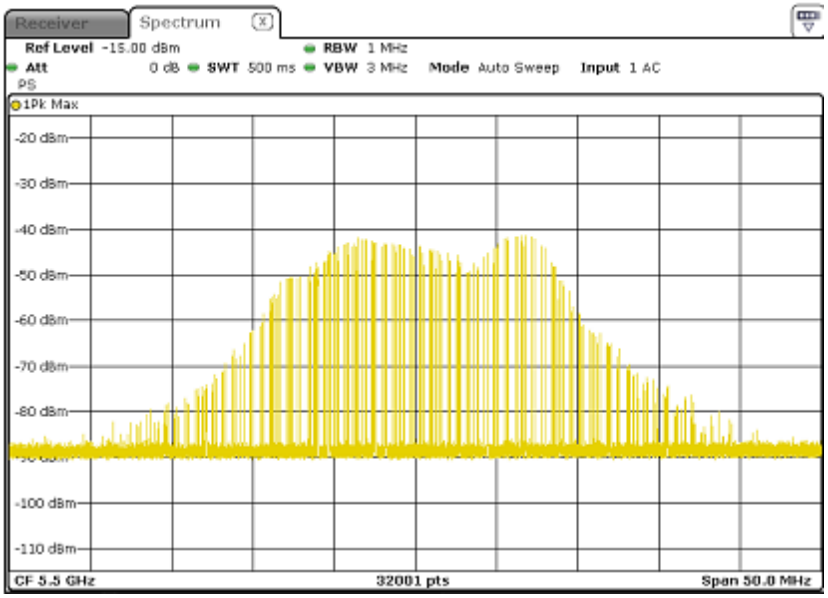
6.2.5 Non- Occupancy Period

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.

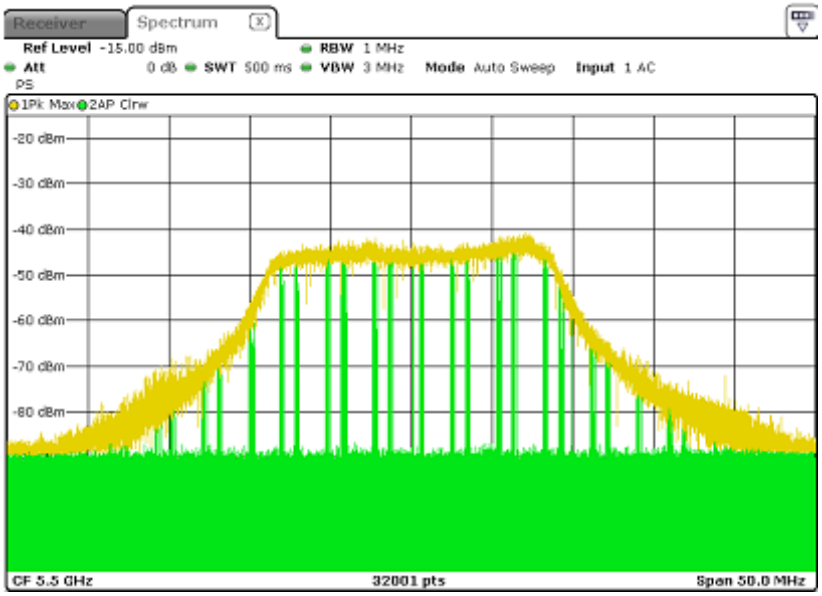
1) EUT (Master) links with Client on 5500MHz.

Waveform of EUT links up with Master



2) Client plays specified files via master.

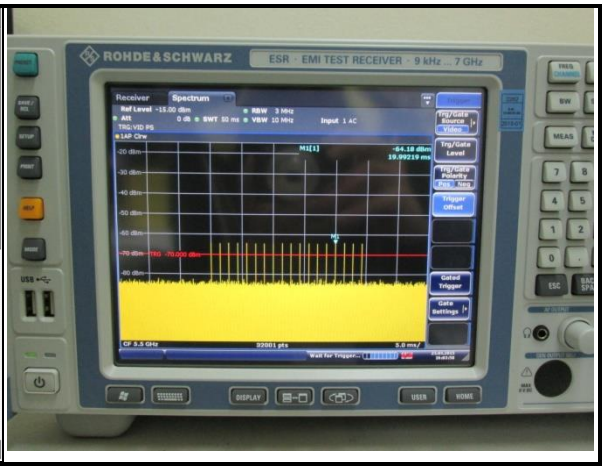
Waveform of transmission



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

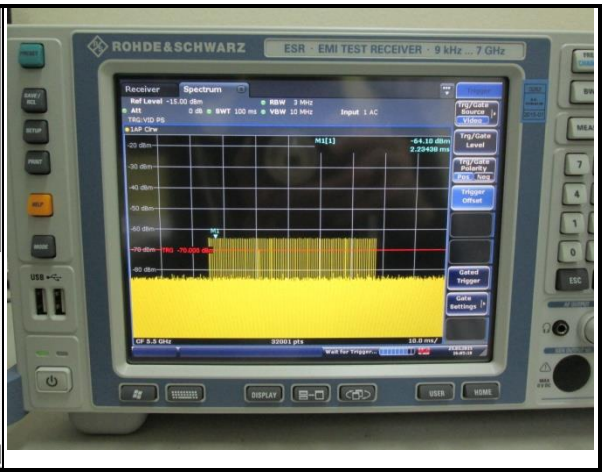
Radar 0

	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



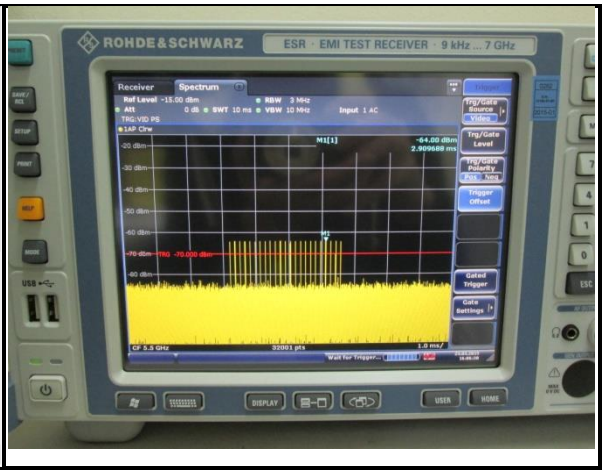
Radar 1

	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	53222.0
Download	14	Type 1	1.0	838.0	63	52794.0
Download	15	Type 1	1.0	2646.0	19	54074.0



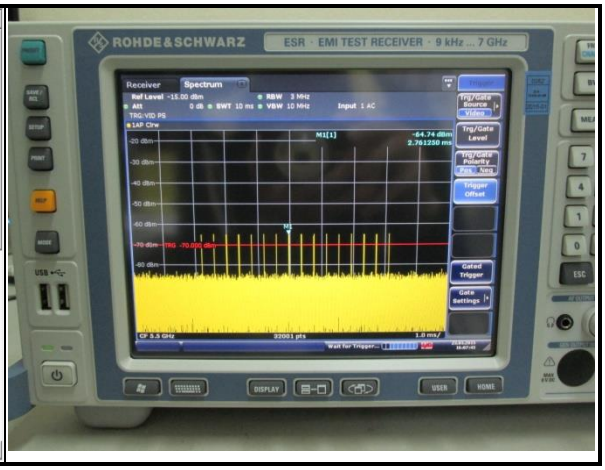
Radar 2

	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



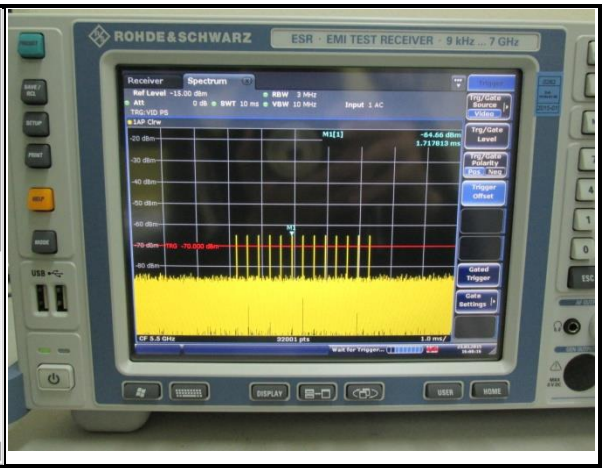
Radar 3

	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	324.0	18	5832.0



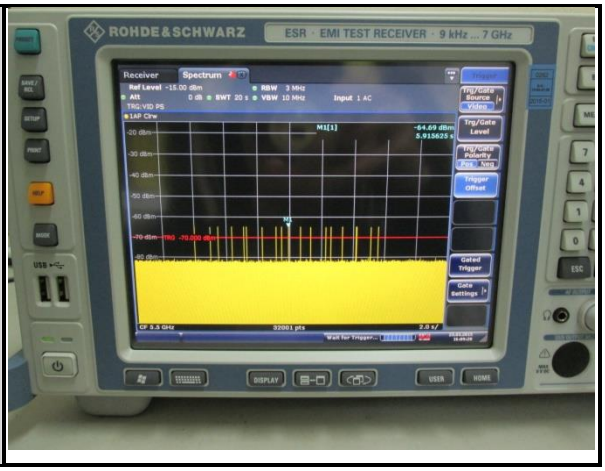
Radar 4

	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	19.9	324.0	16	5184.0



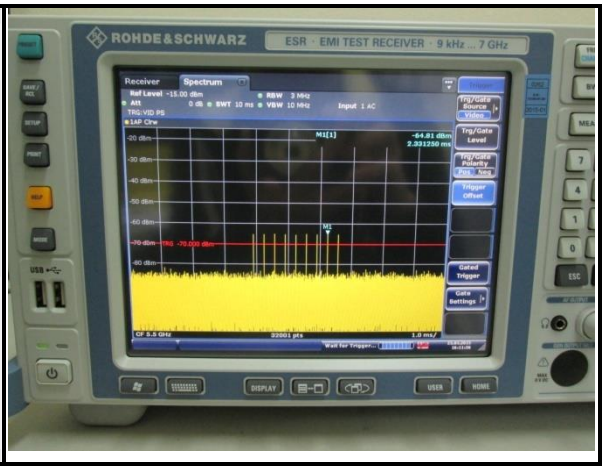
Radar 5

	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	1780.0	1358.0	1593.0
		1	506256.0	94.4	17	3	1080.0	1282.0	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	88.9	17	3	1357.0	1385.0	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	5.495800000			



Radar 6

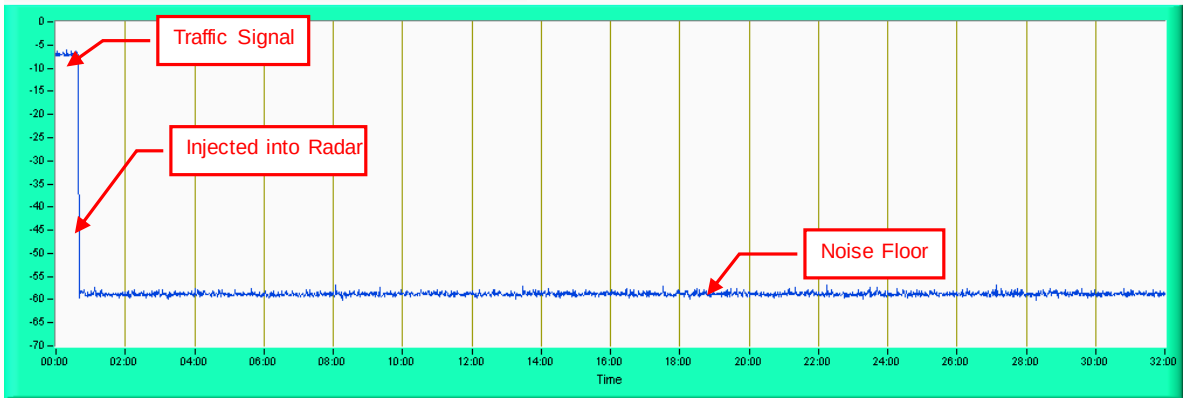
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	7	Type 6	1.0	333.3	9	0.3333	300.0000000	6
		Frequency List (MHz)	0	1	2	3	4	
		0	5530	5587	5361	5310	5480	
		5	5325	5598	5685	5500	5410	
		10	5523	5553	5676	5290	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) 5500MHz has been monitored in 30 minutes period. In this period, no any transmission occurs.

Plot of 30minutes period

802.11ax (20MHz) _ 5500MHz



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

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:

Lin Kou EMC/RF Lab:
Tel: 886-2-26052180
Fax: 886-2-26051924

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

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

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

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

8. APPENDIX-A

RADAR TEST SIGNAL

A.1 The Long Pulse Radar Pattern

802.11ax (20MHz)

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	13	77.8	1665.0	1477.0	-
2	1	13	51.9	1074.0	-	-
3	1	13	63.8	1584.0	-	-
4	3	13	96.6	1682.0	1786.0	1843.0
5	3	13	85.9	1795.0	1215.0	1729.0
6	2	13	73.7	1198.0	1549.0	-
7	2	13	77.2	1837.0	1819.0	-
8	2	13	68.4	1587.0	1114.0	-
9	2	13	76.7	2000.0	1155.0	-
10	1	13	53.2	1147.0	-	-
11	3	13	85.7	1433.0	1695.0	1394.0
12	3	13	94.3	1670.0	1426.0	1935.0
13	2	13	77.6	1294.0	1671.0	-
14	1	13	65.7	1512.0	-	-
15	3	13	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	5	75.0	1880.0	1527.0	-
2	3	5	99.4	1401.0	1262.0	1257.0
3	2	5	67.4	1531.0	1403.0	-
4	2	5	73.6	1449.0	1041.0	-
5	1	5	65.9	1432.0	-	-
6	3	5	83.8	1356.0	1292.0	1419.0
7	1	5	65.5	1543.0	-	-
8	3	5	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	9	73.8	1806.0	1538.0	-
2	2	9	69.5	1117.0	1649.0	-
3	1	9	51.9	1651.0	-	-
4	3	9	84.6	1976.0	1032.0	1271.0
5	3	9	95.4	1060.0	1903.0	1388.0
6	2	9	68.0	1368.0	1351.0	-
7	3	9	89.6	1338.0	1514.0	1573.0
8	2	9	81.9	1022.0	1689.0	-
9	3	9	88.3	1810.0	1330.0	1838.0
10	1	9	53.7	1597.0	-	-
11	3	9	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	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: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	67.9	1320.0	1133.0	-
2	1	16	62.3	1957.0	-	-
3	1	16	53.3	1592.0	-	-
4	3	16	90.0	1900.0	1153.0	1346.0
5	2	16	77.1	1166.0	1646.0	-
6	3	16	83.9	1278.0	1232.0	1459.0
7	3	16	89.1	1240.0	1384.0	1939.0
8	2	16	81.8	1833.0	1676.0	-
9	1	16	50.3	1075.0	-	-
10	3	16	87.1	1116.0	1996.0	1756.0
11	2	16	71.3	1225.0	1815.0	-
12	3	16	97.5	1884.0	1465.0	1132.0
13	3	16	90.6	1561.0	1040.0	1354.0
14	3	16	86.3	1596.0	1183.0	1792.0
15	3	16	97.6	1365.0	1073.0	1361.0
16	3	16	84.7	1021.0	1718.0	1854.0
17	3	16	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: 5500.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	92.9	1085.0	1564.0	1407.0
2	2	12	67.7	1744.0	1747.0	-
3	1	12	65.8	1092.0	-	-
4	1	12	56.3	1851.0	-	-
5	1	12	53.7	1727.0	-	-
6	3	12	83.5	1679.0	1930.0	1025.0
7	1	12	65.8	1519.0	-	-
8	3	12	85.9	1134.0	1034.0	1808.0
9	2	12	76.3	1606.0	1926.0	-
10	2	12	81.5	1891.0	1714.0	-
11	3	12	89.4	1310.0	1594.0	1827.0
12	1	12	63.4	1568.0	-	-
13	2	12	69.6	1307.0	1925.0	-
14	2	12	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	13	96.6	1182.0	1609.0	1581.0
2	3	13	96.7	1829.0	1799.0	1154.0
3	3	13	86.5	1923.0	1396.0	1865.0
4	2	13	73.3	1908.0	1318.0	-
5	1	13	55.8	1688.0	-	-
6	1	13	55.4	1145.0	-	-
7	3	13	85.3	1336.0	1504.0	1820.0
8	2	13	79.4	1344.0	1893.0	-
9	1	13	65.7	1476.0	-	-
10	2	13	68.6	1008.0	1028.0	-
11	2	13	77.7	1972.0	1835.0	-
12	2	13	79.6	1882.0	1331.0	-
13	3	13	94.9	1830.0	1070.0	1349.0
14	1	13	61.4	1451.0	-	-
15	3	13	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	10	52.6	1210.0	-	-
2	3	10	84.1	1314.0	1725.0	1529.0
3	3	10	97.7	1139.0	1868.0	1805.0
4	3	10	97.3	1341.0	1446.0	1755.0
5	3	10	98.8	1544.0	1386.0	1302.0
6	2	10	72.2	1771.0	1184.0	-
7	2	10	67.6	1175.0	1027.0	-
8	2	10	75.7	1026.0	1871.0	-
9	1	10	60.9	1798.0	-	-
10	1	10	64.2	1138.0	-	-
11	2	10	78.8	1784.0	1604.0	-
12	3	10	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	13	54.1	1415.0	-	-
2	1	13	50.7	1221.0	-	-
3	1	13	52.3	1974.0	-	-
4	3	13	99.8	1558.0	1696.0	1949.0
5	2	13	68.4	1014.0	1099.0	-
6	2	13	80.8	1736.0	1505.0	-
7	1	13	62.5	1778.0	-	-
8	2	13	74.8	1149.0	1204.0	-
9	1	13	50.8	1049.0	-	-
10	1	13	54.0	1417.0	-	-
11	1	13	63.0	1730.0	-	-
12	3	13	91.8	1143.0	1270.0	1347.0
13	2	13	79.3	1274.0	1992.0	-
14	1	13	64.3	1937.0	-	-
15						
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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: 5500.0MHz

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: 5496.9 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: 5498.1 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: 5495.7MHz

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	-
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: 5494.5MHz

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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14						
15						
16						
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: 5497.7MHz

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	-
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_16

Number of Bursts in Trial: 14

Chrip Center Frequency: 5495.3MHz

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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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: 5498.5MHz

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: 5494.5MHz

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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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: 5495.3MHz

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: 5494.5MHz

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	-
13						
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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_21

Number of Bursts in Trial: 16

Chrip Center Frequency: 5503.5MHz

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						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5505.9MHz

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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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_23

Number of Bursts in Trial: 20

Chrip Center Frequency: 5501.5MHz

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: 5504.7MHz

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	-
15						
16						
17						
18						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

Chrip Center Frequency: 5505.1MHz

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
14						
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17						
18						
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: 5507.5MHz

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
9						
10						
11						
12						
13						
14						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_27

Number of Bursts in Trial: 17

Chrip Center Frequency: 5503.1MHz

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
18						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_28

Number of Bursts in Trial: 19

Chrip Center Frequency: 5501.9MHz

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: 5505.5MHz

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	-	-
13						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5502.7MHz

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	-

802.11ax (40MHz)

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	13	77.8	1665.0	1477.0	-
2	1	13	51.9	1074.0	-	-
3	1	13	63.8	1584.0	-	-
4	3	13	96.6	1682.0	1786.0	1843.0
5	3	13	85.9	1795.0	1215.0	1729.0
6	2	13	73.7	1198.0	1549.0	-
7	2	13	77.2	1837.0	1819.0	-
8	2	13	68.4	1587.0	1114.0	-
9	2	13	76.7	2000.0	1155.0	-
10	1	13	53.2	1147.0	-	-
11	3	13	85.7	1433.0	1695.0	1394.0
12	3	13	94.3	1670.0	1426.0	1935.0
13	2	13	77.6	1294.0	1671.0	-
14	1	13	65.7	1512.0	-	-
15	3	13	93.5	1444.0	1130.0	1468.0
16						
17						
18						
19						
20						

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	5	75.0	1880.0	1527.0	-
2	3	5	99.4	1401.0	1262.0	1257.0
3	2	5	67.4	1531.0	1403.0	-
4	2	5	73.6	1449.0	1041.0	-
5	1	5	65.9	1432.0	-	-
6	3	5	83.8	1356.0	1292.0	1419.0
7	1	5	65.5	1543.0	-	-
8	3	5	98.6	1548.0	1796.0	1728.0
9						
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11						
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17						
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19						
20						

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	9	73.8	1806.0	1538.0	-
2	2	9	69.5	1117.0	1649.0	-
3	1	9	51.9	1651.0	-	-
4	3	9	84.6	1976.0	1032.0	1271.0
5	3	9	95.4	1060.0	1903.0	1388.0
6	2	9	68.0	1368.0	1351.0	-
7	3	9	89.6	1338.0	1514.0	1573.0
8	2	9	81.9	1022.0	1689.0	-
9	3	9	88.3	1810.0	1330.0	1838.0
10	1	9	53.7	1597.0	-	-
11	3	9	91.3	1961.0	1106.0	1001.0
12						
13						
14						
15						
16						
17						
18						
19						
20						

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	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: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	67.9	1320.0	1133.0	-
2	1	16	62.3	1957.0	-	-
3	1	16	53.3	1592.0	-	-
4	3	16	90.0	1900.0	1153.0	1346.0
5	2	16	77.1	1166.0	1646.0	-
6	3	16	83.9	1278.0	1232.0	1459.0
7	3	16	89.1	1240.0	1384.0	1939.0
8	2	16	81.8	1833.0	1676.0	-
9	1	16	50.3	1075.0	-	-
10	3	16	87.1	1116.0	1996.0	1756.0
11	2	16	71.3	1225.0	1815.0	-
12	3	16	97.5	1884.0	1465.0	1132.0
13	3	16	90.6	1561.0	1040.0	1354.0
14	3	16	86.3	1596.0	1183.0	1792.0
15	3	16	97.6	1365.0	1073.0	1361.0
16	3	16	84.7	1021.0	1718.0	1854.0
17	3	16	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: 5510.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	92.9	1085.0	1564.0	1407.0
2	2	12	67.7	1744.0	1747.0	-
3	1	12	65.8	1092.0	-	-
4	1	12	56.3	1851.0	-	-
5	1	12	53.7	1727.0	-	-
6	3	12	83.5	1679.0	1930.0	1025.0
7	1	12	65.8	1519.0	-	-
8	3	12	85.9	1134.0	1034.0	1808.0
9	2	12	76.3	1606.0	1926.0	-
10	2	12	81.5	1891.0	1714.0	-
11	3	12	89.4	1310.0	1594.0	1827.0
12	1	12	63.4	1568.0	-	-
13	2	12	69.6	1307.0	1925.0	-
14	2	12	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	13	96.6	1182.0	1609.0	1581.0
2	3	13	96.7	1829.0	1799.0	1154.0
3	3	13	86.5	1923.0	1396.0	1865.0
4	2	13	73.3	1908.0	1318.0	-
5	1	13	55.8	1688.0	-	-
6	1	13	55.4	1145.0	-	-
7	3	13	85.3	1336.0	1504.0	1820.0
8	2	13	79.4	1344.0	1893.0	-
9	1	13	65.7	1476.0	-	-
10	2	13	68.6	1008.0	1028.0	-
11	2	13	77.7	1972.0	1835.0	-
12	2	13	79.6	1882.0	1331.0	-
13	3	13	94.9	1830.0	1070.0	1349.0
14	1	13	61.4	1451.0	-	-
15	3	13	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	10	52.6	1210.0	-	-
2	3	10	84.1	1314.0	1725.0	1529.0
3	3	10	97.7	1139.0	1868.0	1805.0
4	3	10	97.3	1341.0	1446.0	1755.0
5	3	10	98.8	1544.0	1386.0	1302.0
6	2	10	72.2	1771.0	1184.0	-
7	2	10	67.6	1175.0	1027.0	-
8	2	10	75.7	1026.0	1871.0	-
9	1	10	60.9	1798.0	-	-
10	1	10	64.2	1138.0	-	-
11	2	10	78.8	1784.0	1604.0	-
12	3	10	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	13	54.1	1415.0	-	-
2	1	13	50.7	1221.0	-	-
3	1	13	52.3	1974.0	-	-
4	3	13	99.8	1558.0	1696.0	1949.0
5	2	13	68.4	1014.0	1099.0	-
6	2	13	80.8	1736.0	1505.0	-
7	1	13	62.5	1778.0	-	-
8	2	13	74.8	1149.0	1204.0	-
9	1	13	50.8	1049.0	-	-
10	1	13	54.0	1417.0	-	-
11	1	13	63.0	1730.0	-	-
12	3	13	91.8	1143.0	1270.0	1347.0
13	2	13	79.3	1274.0	1992.0	-
14	1	13	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	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: 5497.38MHz

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						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 19

Chrip Center Frequency: 5498.58MHz

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: 5496.18MHz

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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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: 5494.98MHz

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: 5498.18MHz

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: 5495.78MHz

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: 5498.98MHz

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: 5494.98Hz

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: 5495.78MHz

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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19						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 12
Chrip Center Frequency: 5494.98MHz

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: 5523.02MHz

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						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5525.42MHz

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: 5521.02MHz

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: 5524.22MHz

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: 5524.62MHz

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: 5527.02MHz

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
9						
10						
11						
12						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_27

Number of Bursts in Trial: 17

Chrip Center Frequency: 5522.62MHz

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: 5521.42MHz

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: 5525.02MHz

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						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_30

Number of Bursts in Trial: 18

Chrip Center Frequency: 5522.22MHz

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						

802.11ax (80MHz)

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	13	77.8	1665.0	1477.0	-
2	1	13	51.9	1074.0	-	-
3	1	13	63.8	1584.0	-	-
4	3	13	96.6	1682.0	1786.0	1843.0
5	3	13	85.9	1795.0	1215.0	1729.0
6	2	13	73.7	1198.0	1549.0	-
7	2	13	77.2	1837.0	1819.0	-
8	2	13	68.4	1587.0	1114.0	-
9	2	13	76.7	2000.0	1155.0	-
10	1	13	53.2	1147.0	-	-
11	3	13	85.7	1433.0	1695.0	1394.0
12	3	13	94.3	1670.0	1426.0	1935.0
13	2	13	77.6	1294.0	1671.0	-
14	1	13	65.7	1512.0	-	-
15	3	13	93.5	1444.0	1130.0	1468.0
16						
17						
18						
19						
20						

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	5	75.0	1880.0	1527.0	-
2	3	5	99.4	1401.0	1262.0	1257.0
3	2	5	67.4	1531.0	1403.0	-
4	2	5	73.6	1449.0	1041.0	-
5	1	5	65.9	1432.0	-	-
6	3	5	83.8	1356.0	1292.0	1419.0
7	1	5	65.5	1543.0	-	-
8	3	5	98.6	1548.0	1796.0	1728.0
9						
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11						
12						
13						
14						
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16						
17						
18						
19						
20						

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	9	73.8	1806.0	1538.0	-
2	2	9	69.5	1117.0	1649.0	-
3	1	9	51.9	1651.0	-	-
4	3	9	84.6	1976.0	1032.0	1271.0
5	3	9	95.4	1060.0	1903.0	1388.0
6	2	9	68.0	1368.0	1351.0	-
7	3	9	89.6	1338.0	1514.0	1573.0
8	2	9	81.9	1022.0	1689.0	-
9	3	9	88.3	1810.0	1330.0	1838.0
10	1	9	53.7	1597.0	-	-
11	3	9	91.3	1961.0	1106.0	1001.0
12						
13						
14						
15						
16						
17						
18						
19						
20						

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	16	67.9	1320.0	1133.0	-
2	1	16	62.3	1957.0	-	-
3	1	16	53.3	1592.0	-	-
4	3	16	90.0	1900.0	1153.0	1346.0
5	2	16	77.1	1166.0	1646.0	-
6	3	16	83.9	1278.0	1232.0	1459.0
7	3	16	89.1	1240.0	1384.0	1939.0
8	2	16	81.8	1833.0	1676.0	-
9	1	16	50.3	1075.0	-	-
10	3	16	87.1	1116.0	1996.0	1756.0
11	2	16	71.3	1225.0	1815.0	-
12	3	16	97.5	1884.0	1465.0	1132.0
13	3	16	90.6	1561.0	1040.0	1354.0
14	3	16	86.3	1596.0	1183.0	1792.0
15	3	16	97.6	1365.0	1073.0	1361.0
16	3	16	84.7	1021.0	1718.0	1854.0
17	3	16	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: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	92.9	1085.0	1564.0	1407.0
2	2	12	67.7	1744.0	1747.0	-
3	1	12	65.8	1092.0	-	-
4	1	12	56.3	1851.0	-	-
5	1	12	53.7	1727.0	-	-
6	3	12	83.5	1679.0	1930.0	1025.0
7	1	12	65.8	1519.0	-	-
8	3	12	85.9	1134.0	1034.0	1808.0
9	2	12	76.3	1606.0	1926.0	-
10	2	12	81.5	1891.0	1714.0	-
11	3	12	89.4	1310.0	1594.0	1827.0
12	1	12	63.4	1568.0	-	-
13	2	12	69.6	1307.0	1925.0	-
14	2	12	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: 5530.0MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	96.6	1182.0	1609.0	1581.0
2	3	13	96.7	1829.0	1799.0	1154.0
3	3	13	86.5	1923.0	1396.0	1865.0
4	2	13	73.3	1908.0	1318.0	-
5	1	13	55.8	1688.0	-	-
6	1	13	55.4	1145.0	-	-
7	3	13	85.3	1336.0	1504.0	1820.0
8	2	13	79.4	1344.0	1893.0	-
9	1	13	65.7	1476.0	-	-
10	2	13	68.6	1008.0	1028.0	-
11	2	13	77.7	1972.0	1835.0	-
12	2	13	79.6	1882.0	1331.0	-
13	3	13	94.9	1830.0	1070.0	1349.0
14	1	13	61.4	1451.0	-	-
15	3	13	90.6	1233.0	1562.0	1887.0
16						
17						
18						
19						
20						

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	10	52.6	1210.0	-	-
2	3	10	84.1	1314.0	1725.0	1529.0
3	3	10	97.7	1139.0	1868.0	1805.0
4	3	10	97.3	1341.0	1446.0	1755.0
5	3	10	98.8	1544.0	1386.0	1302.0
6	2	10	72.2	1771.0	1184.0	-
7	2	10	67.6	1175.0	1027.0	-
8	2	10	75.7	1026.0	1871.0	-
9	1	10	60.9	1798.0	-	-
10	1	10	64.2	1138.0	-	-
11	2	10	78.8	1784.0	1604.0	-
12	3	10	87.5	1511.0	1712.0	1683.0
13						
14						
15						
16						
17						
18						
19						
20						

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	13	54.1	1415.0	-	-
2	1	13	50.7	1221.0	-	-
3	1	13	52.3	1974.0	-	-
4	3	13	99.8	1558.0	1696.0	1949.0
5	2	13	68.4	1014.0	1099.0	-
6	2	13	80.8	1736.0	1505.0	-
7	1	13	62.5	1778.0	-	-
8	2	13	74.8	1149.0	1204.0	-
9	1	13	50.8	1049.0	-	-
10	1	13	54.0	1417.0	-	-
11	1	13	63.0	1730.0	-	-
12	3	13	91.8	1143.0	1270.0	1347.0
13	2	13	79.3	1274.0	1992.0	-
14	1	13	64.3	1937.0	-	-
15						
16						
17						
18						
19						
20						

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
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_11

Number of Bursts in Trial: 17

Chrip Center Frequency: 5498.88MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	19	73.7	1208.0	1497.0	-
2	3	19	97.4	1942.0	1754.0	1613.0
3	3	19	91.7	1999.0	1702.0	1462.0
4	1	19	66.2	1393.0	-	-
5	2	19	70.8	1968.0	1821.0	-
6	1	19	52.3	1740.0	-	-
7	2	19	78.9	1308.0	1984.0	-
8	2	19	70.9	1050.0	1358.0	-
9	2	19	75.6	1437.0	1430.0	-
10	1	19	59.1	1697.0	-	-
11	2	19	77.0	1397.0	1304.0	-
12	2	19	67.9	1803.0	1083.0	-
13	2	19	81.2	1720.0	1932.0	-
14	2	19	78.7	1247.0	1121.0	-
15	1	19	63.3	1634.0	-	-
16	2	19	68.9	1849.0	1423.0	-
17	1	19	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: 5496.08MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	98.9	1381.0	1680.0	1488.0
2	2	12	82.3	1716.0	1855.0	-
3	3	12	86.7	1211.0	1400.0	1919.0
4	3	12	89.7	1861.0	1068.0	1282.0
5	3	12	98.6	1507.0	1194.0	1461.0
6	2	12	71.1	1921.0	1789.0	-
7	1	12	55.9	1947.0	-	-
8	2	12	67.9	1350.0	1372.0	-
9	3	12	84.4	1203.0	1107.0	1443.0
10	1	12	58.8	1715.0	-	-
11	1	12	65.6	1017.0	-	-
12	2	12	78.5	1911.0	1704.0	-
13	2	12	82.3	1845.0	1686.0	-
14	3	12	90.1	1938.0	1071.0	1266.0
15	3	12	90.2	1989.0	1089.0	1950.0
16	2	12	83.1	1943.0	1406.0	-
17	1	12	58.8	1742.0	-	-
18	2	12	77.0	1187.0	1657.0	-
19	1	12	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: 5498.48MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	18	58.1	1929.0	-	-
2	1	18	52.1	1910.0	-	-
3	1	18	59.9	1971.0	-	-
4	1	18	60.2	1812.0	-	-
5	3	18	95.9	1399.0	1906.0	1608.0
6	2	18	79.9	1626.0	1859.0	-
7	2	18	78.5	1238.0	1917.0	-
8	1	18	53.8	1763.0	-	-
9	1	18	64.7	1800.0	-	-
10	1	18	61.4	1390.0	-	-
11	2	18	83.2	1692.0	1858.0	-
12	3	18	84.7	1533.0	1677.0	1638.0
13	3	18	88.7	1703.0	1528.0	1058.0
14	2	18	78.3	1258.0	1951.0	-
15	2	18	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: 5494.08MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	7	75.3	1994.0	1612.0	-
2	1	7	56.3	1456.0	-	-
3	2	7	67.7	1617.0	1185.0	-
4	1	7	55.6	1337.0	-	-
5	2	7	75.2	1421.0	1267.0	-
6	2	7	76.3	1359.0	1305.0	-
7	3	7	85.7	1547.0	1362.0	1924.0
8	3	7	98.4	1873.0	1550.0	1249.0
9	3	7	86.4	1779.0	1439.0	1046.0
10	3	7	93.6	1059.0	1031.0	1452.0
11	1	7	63.3	1328.0	-	-
12	3	7	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: 5494.88MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	93.3	1983.0	1912.0	1535.0
2	2	9	69.1	1102.0	1794.0	-
3	3	9	86.9	1044.0	1152.0	1148.0
4	3	9	84.9	1894.0	1948.0	1118.0
5	2	9	72.3	1094.0	1916.0	-
6	1	9	51.7	1447.0	-	-
7	1	9	58.3	1429.0	-	-
8	1	9	60.8	1979.0	-	-
9	1	9	57.1	1641.0	-	-
10	3	9	88.9	1886.0	1964.0	1489.0
11	2	9	72.0	1909.0	1297.0	-
12	3	9	90.9	1261.0	1566.0	1370.0
13	1	9	59.8	1552.0	-	-
14	2	9	70.0	1759.0	1291.0	-
15	2	9	67.2	1625.0	1881.0	-
16	3	9	91.2	1382.0	1832.0	1661.0
17	1	9	56.5	1483.0	-	-
18	1	9	51.2	1237.0	-	-
19	2	9	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: 5497.28MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	76.9	1110.0	1140.0	-
2	1	15	50.2	1316.0	-	-
3	1	15	62.9	1520.0	-	-
4	1	15	64.7	1902.0	-	-
5	3	15	83.8	1410.0	1097.0	1621.0
6	1	15	65.4	1944.0	-	-
7	1	15	53.2	1024.0	-	-
8	1	15	51.7	1603.0	-	-
9	2	15	78.7	1804.0	1168.0	-
10	2	15	72.4	1030.0	1343.0	-
11	1	15	53.8	1327.0	-	-
12	2	15	73.6	1524.0	1553.0	-
13	2	15	66.7	1722.0	1122.0	-
14	2	15	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: 5497.28MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	87.6	1565.0	1055.0	1840.0
2	3	15	85.2	1735.0	1541.0	1408.0
3	3	15	84.8	1534.0	1889.0	1463.0
4	2	15	77.9	1749.0	1460.0	-
5	2	15	76.5	1518.0	1485.0	-
6	1	15	60.9	1540.0	-	-
7	2	15	83.0	1080.0	1010.0	-
8	2	15	80.4	1824.0	1752.0	-
9	2	15	67.5	1764.0	1181.0	-
10	1	15	62.1	1495.0	-	-
11	3	15	86.4	1773.0	1966.0	1263.0
12	3	15	84.3	1593.0	1188.0	1788.0
13	2	15	76.9	1226.0	1537.0	-
14	3	15	95.8	1192.0	1298.0	1844.0
15	1	15	55.2	1644.0	-	-
16	1	15	59.0	1402.0	-	-
17	3	15	94.5	1296.0	1700.0	1283.0
18	3	15	91.9	1970.0	1978.0	1165.0
19	3	15	85.2	1732.0	1551.0	1189.0
20	2	15	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: 5496.88MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	86.4	1259.0	1918.0	1455.0
2	3	14	92.2	1598.0	1719.0	1895.0
3	2	14	80.4	1816.0	1899.0	-
4	1	14	54.3	1335.0	-	-
5	1	14	53.1	1303.0	-	-
6	2	14	69.4	1503.0	1546.0	-
7	2	14	69.1	1279.0	1639.0	-
8	3	14	100.0	1375.0	1438.0	1595.0
9	2	14	79.6	1239.0	1705.0	-
10	3	14	88.4	1374.0	1579.0	1623.0
11	1	14	53.3	1016.0	-	-
12	1	14	65.3	1709.0	-	-
13						
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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: 5498.88MHz

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

Test Signal Name: LP_Signal_20
Number of Bursts in Trial: 12
Chrip Center Frequency: 5498.08MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	88.6	1501.0	1067.0	1927.0
2	1	17	57.4	1723.0	-	-
3	3	17	96.6	1086.0	1658.0	1324.0
4	2	17	69.7	1751.0	1945.0	-
5	2	17	77.9	1642.0	1317.0	-
6	1	17	62.0	1866.0	-	-
7	3	17	88.4	1997.0	1077.0	1366.0
8	3	17	97.3	1790.0	1896.0	1367.0
9	3	17	96.2	1391.0	1787.0	1672.0
10	3	17	95.4	1020.0	1892.0	1414.0
11	1	17	54.8	1084.0	-	-
12	2	17	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: 5566.72MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	74.7	1619.0	1611.0	-
2	1	5	57.1	1560.0	-	-
3	3	5	91.9	1392.0	1475.0	1276.0
4	2	5	83.1	1809.0	1772.0	-
5	1	5	50.7	1003.0	-	-
6	2	5	79.2	1574.0	1600.0	-
7	1	5	58.7	1186.0	-	-
8	2	5	71.0	1521.0	1567.0	-
9	2	5	79.0	1777.0	1960.0	-
10	2	5	68.5	1284.0	1428.0	-
11	2	5	73.5	1904.0	1352.0	-
12	2	5	70.5	1864.0	1115.0	-
13	2	5	76.6	1045.0	1300.0	-
14	2	5	81.2	1160.0	1675.0	-
15	1	5	61.8	1277.0	-	-
16	3	5	94.9	1450.0	1206.0	1860.0
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_22

Number of Bursts in Trial: 12

Chrip Center Frequency: 5566.72MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	78.5	1653.0	1698.0	-
2	3	5	89.8	1174.0	1962.0	1167.0
3	1	5	59.4	1982.0	-	-
4	2	5	79.6	1633.0	1890.0	-
5	2	5	76.0	1112.0	1811.0	-
6	1	5	53.6	1144.0	-	-
7	2	5	80.9	1220.0	1053.0	-
8	1	5	61.6	1724.0	-	-
9	1	5	53.4	1901.0	-	-
10	1	5	59.9	1379.0	-	-
11	1	5	60.4	1453.0	-	-
12	3	5	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: 5563.52MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	13	77.0	1191.0	1363.0	-
2	1	13	58.1	1248.0	-	-
3	1	13	62.1	1836.0	-	-
4	2	13	76.9	1334.0	1236.0	-
5	2	13	80.0	1914.0	1852.0	-
6	1	13	52.0	1701.0	-	-
7	3	13	88.6	1693.0	1995.0	1905.0
8	2	13	72.9	1922.0	1387.0	-
9	3	13	98.5	1839.0	1746.0	1389.0
10	1	13	57.9	1193.0	-	-
11	3	13	95.9	1659.0	1870.0	1066.0
12	1	13	53.5	1162.0	-	-
13	3	13	92.0	1745.0	1654.0	1458.0
14	1	13	57.3	1834.0	-	-
15	2	13	70.5	1684.0	1586.0	-
16	2	13	70.0	1042.0	1664.0	-
17	3	13	84.0	1765.0	1630.0	1176.0
18	2	13	76.1	1557.0	1057.0	-
19	3	13	93.2	1985.0	1018.0	1340.0
20	3	13	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: 5565.92MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	50.1	1841.0	-	-
2	3	7	93.5	1590.0	1081.0	1413.0
3	2	7	68.8	1707.0	1577.0	-
4	1	7	56.3	1056.0	-	-
5	3	7	86.0	1953.0	1108.0	1987.0
6	2	7	75.2	1572.0	1536.0	-
7	1	7	54.4	1517.0	-	-
8	2	7	71.1	1329.0	1243.0	-
9	2	7	76.2	1940.0	1770.0	-
10	2	7	80.2	1098.0	1209.0	-
11	2	7	79.7	1588.0	1214.0	-
12	3	7	90.9	1615.0	1862.0	1601.0
13	2	7	68.7	1377.0	1441.0	-
14	2	7	67.4	1872.0	1313.0	-
15						
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Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_25

Number of Bursts in Trial: 13

Chrip Center Frequency: 5563.12MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	94.0	1643.0	1748.0	1941.0
2	2	14	70.8	1177.0	1201.0	-
3	1	14	56.3	1006.0	-	-
4	3	14	96.7	1230.0	1163.0	1332.0
5	3	14	90.6	1217.0	1582.0	1498.0
6	2	14	74.5	1569.0	1281.0	-
7	3	14	92.6	1065.0	1669.0	1222.0
8	3	14	89.0	1493.0	1135.0	1380.0
9	3	14	96.5	1607.0	1822.0	1602.0
10	2	14	70.5	1141.0	1178.0	-
11	3	14	94.0	1009.0	1629.0	1956.0
12	1	14	55.8	1290.0	-	-
13	3	14	87.7	1435.0	1963.0	1164.0
14						
15						
16						
17						
18						
19						
20						

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_26

Number of Bursts in Trial: 8

Chrip Center Frequency: 5564.72MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	68.6	1306.0	1161.0	-
2	2	10	83.1	1420.0	1315.0	-
3	1	10	60.9	1687.0	-	-
4	2	10	77.7	1776.0	1158.0	-
5	2	10	77.4	1793.0	1510.0	-
6	2	10	66.8	1576.0	1323.0	-
7	1	10	63.7	1333.0	-	-
8	3	10	91.2	1409.0	1681.0	1275.0
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11						
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: 5562.72MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	83.6	1632.0	1195.0	1000.0
2	3	15	89.4	1173.0	1627.0	1656.0
3	1	15	55.8	1532.0	-	-
4	3	15	90.9	1981.0	1554.0	1998.0
5	1	15	54.7	1825.0	-	-
6	3	15	97.7	1734.0	1202.0	1250.0
7	2	15	67.5	1571.0	1434.0	-
8	3	15	96.7	1589.0	1469.0	1268.0
9	2	15	68.3	1750.0	1954.0	-
10	2	15	78.3	1591.0	1082.0	-
11	1	15	55.0	1427.0	-	-
12	3	15	84.9	1129.0	1936.0	1199.0
13	2	15	74.6	1959.0	1856.0	-
14	1	15	63.3	1885.0	-	-
15	3	15	99.8	1035.0	1515.0	1120.0
16	1	15	63.6	1647.0	-	-
17	3	15	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: 5565.12MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	85.6	1946.0	1078.0	1015.0
2	2	9	68.6	1029.0	1780.0	-
3	1	9	54.2	1111.0	-	-
4	1	9	61.2	1104.0	-	-
5	3	9	97.1	1157.0	1969.0	1100.0
6	3	9	98.3	1142.0	1699.0	1622.0
7	1	9	62.4	1655.0	-	-
8	2	9	80.2	1126.0	1769.0	-
9	3	9	87.5	1216.0	1448.0	1179.0
10	3	9	85.8	1847.0	1348.0	1472.0
11	3	9	88.1	1023.0	1124.0	1631.0
12	1	9	65.3	1848.0	-	-
13	1	9	52.5	1470.0	-	-
14	1	9	52.3	1312.0	-	-
15	2	9	74.1	1915.0	1200.0	-
16	1	9	54.9	1479.0	-	-
17	2	9	76.2	1376.0	1502.0	-
18	1	9	60.4	1758.0	-	-
19	2	9	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: 5566.72MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	50.5	1857.0	-	-
2	1	5	55.7	1246.0	-	-
3	3	5	85.8	1774.0	1002.0	1967.0
4	2	5	76.9	1125.0	1474.0	-
5	2	5	75.1	1254.0	1052.0	-
6	3	5	92.3	1180.0	1486.0	1492.0
7	2	5	78.1	1301.0	1757.0	-
8	3	5	92.2	1898.0	1252.0	1713.0
9	3	5	89.0	1260.0	1706.0	1411.0
10	2	5	70.9	1578.0	1620.0	-
11	1	5	63.1	1782.0	-	-
12	1	5	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: 5564.72MHz

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

--- END ---