

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBDBO-WTW-P25110436-2
FCC ID: YG79X327915
Product: G.hn over Coax with WiFi 6 AX1800 Router
Brand: ZINWELL
Model No.: PWM-9832
Received Date: 2025/11/19
Test Date: 2026/2/3
Issued Date: 2026/3/6
Applicant: ZINWELL Corporation
Address: 7F., No.512, Yuanshan Rd., Zhonghe Dist., New Taipei City 235, Taiwan
Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Lin Kou Laboratories
Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
FCC Registration / 198487 / TW2021
Designation Number:

Approved by: _____

Jeremy Lin

Jeremy Lin / Project Engineer

, Date: _____

2026/3/6

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Prepared by : Annie Chang / Senior Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBDBO-WTW-P25110436-2	Original release.	2026/3/6

1 Certificate

Product: G.hn over Coax with WiFi 6 AX1800 Router

Brand: ZINWELL

Test Model: PWM-9832

Sample Status: Mass product

Applicant: ZINWELL Corporation

Test Date: 2026/2/3

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

Measurement procedure: 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.

2 Summary of Test Results

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Clause	Test Item	Result	Remark
15.407(h)	U-NII Detection Bandwidth	Pass	Applicable
15.407(h)	Channel Availability Check Time	Pass	Applicable
15.407(h)	Channel Closing Transmission and Channel Move Time	Pass	Applicable
15.407(h)	Non-Occupancy Period	Pass	Applicable
15.407(h)	Statistical Performance Check	Pass	Applicable
15.407(h)	Non-Associated Test	N/A	Applicable for Client only

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

2.1 Supplementary Information

There is not any deviation from the test standards for the test method, and no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	G.hn over Coax with WiFi 6 AX1800 Router
Brand	ZINWELL
Test Model	PWM-9832
DFS Firmware/software version	GL93C-W_p2mp_ep SPIRIT.v0_3_101_P2MP
Operational Mode	Master
Operating Frequency Band	5.25 GHz ~ 5.35 GHz 5.47 GHz ~ 5.725 GHz
Communication Mode	IP based
Channel Puncturing Function	Not Support

Note:

1. The EUT uses following accessories.

Item	Brand	Model	Specification
AC Adapter 1	MASS POWER	S024-1D120200VU	AC Input: 100-240Vac, 50/60Hz, 0.6A (2pin wall-mount) DC Output: 12.0V, 2.0A (1.5m, without core)
AC Adapter 2	LUCENT TRANS	1A76-LDDB	AC Input: 100-240Vac, 50-60Hz, 600mA (2pin wall-mount) DC Output: 12.0V, 2.0A (1.5m, without core)
RJ45 cable	-	-	1.0m

2. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Antenna Description of EUT

1. The antenna information is listed as below.

Antenna NO.	RF Chain NO.	Brand	Model	Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type	*Cable Length
ANT 1	0	INPAQ	RFPCA302708IMLB702	3.56	2.4 ~ 2.4835	PCB	ipex(MHF)	80mm
	0	INPAQ	RFPCA302708IMLB702	4.43	5.15 ~ 5.85	PCB	ipex(MHF)	80mm
ANT 2	2	INPAQ	RFPCA272307IM5B701	4.65	5.15 ~ 5.85	PCB	ipex(MHF)	70mm
ANT 3	1	INPAQ	RFPCA302706IMLB701	4.49	2.4 ~ 2.4835	PCB	ipex(MHF)	60mm
	1	INPAQ	RFPCA302706IMLB701	5.27	5.15 ~ 5.85	PCB	ipex(MHF)	60mm

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

2. The EUT incorporates a MIMO function:

5 GHz Band		
Modulation Mode	TX & RX Configuration	
802.11a	2TX	3RX
802.11n (HT20)	2TX	3RX
802.11n (HT40)	2TX	3RX
802.11ac (VHT20)	2TX	3RX
802.11ac (VHT40)	2TX	3RX
802.11ac (VHT80)	2TX	3RX
802.11ax (HE20)	2TX	3RX
802.11ax (HE40)	2TX	3RX
802.11ax (HE80)	2TX	3RX

3.3 EUT Power Level

Highest Power Level						
Signal Mode	Frequency Band (MHz)	Conducted Power		Gain (dBi)	EIRP	
		(mW)	(dBm)		(mW)	(dBm)
CDD	5250-5350	59.122	17.72	5.27	198.952	22.99
	5470-5725	147.354	21.68	5.27	495.863	26.95

4 Test Instruments

The calibration interval of the all test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.1 U-NII Detection Bandwidth

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXG Vector Signal Generator Keysight	N5182B	MY53052658	2025/5/26	2026/5/25
Power Divider Woken	0120A02058001M	DCMD33WIK3	2025/4/27	2026/4/26
		DCMD33WIK7	2025/4/27	2026/4/26
Spectrum Analyzer R&S	FSU43	100115	2025/2/12	2026/2/11

Notes:

1. The test was performed in Linkou - Adaptivity room.
2. Tested Date: 2026/2/3

4.2 Channel Availability Check Time

Refer to section 4.1 to get the tested date and information of the instruments.

4.3 Channel Closing Transmission and Channel Move Time

Refer to section 4.1 to get the tested date and information of the instruments.

4.4 Non-Occupancy Period

Refer to section 4.1 to get the tested date and information of the instruments.

4.5 Statistical Performance Check

Refer to section 4.1 to get the tested date and information of the instruments.

5 Limits of Test Items

5.1 Working Modes and Required Test Items

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

Table 1: 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 2: 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.

5.2 Test Limits and Radar Signal Parameters

Detection Threshold Values

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 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.

Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

Table 4: 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 Waveforms

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 5: Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a ----- Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A	$\text{Roundup} \left\lceil \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\rceil$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 6: 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: $FL + (0.4 * \text{Chirp Width [in MHz]})$ 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: $FH - (0.4 * \text{Chirp Width [in MHz]})$							

Table 7: Frequency Hopping Radar Test Waveform

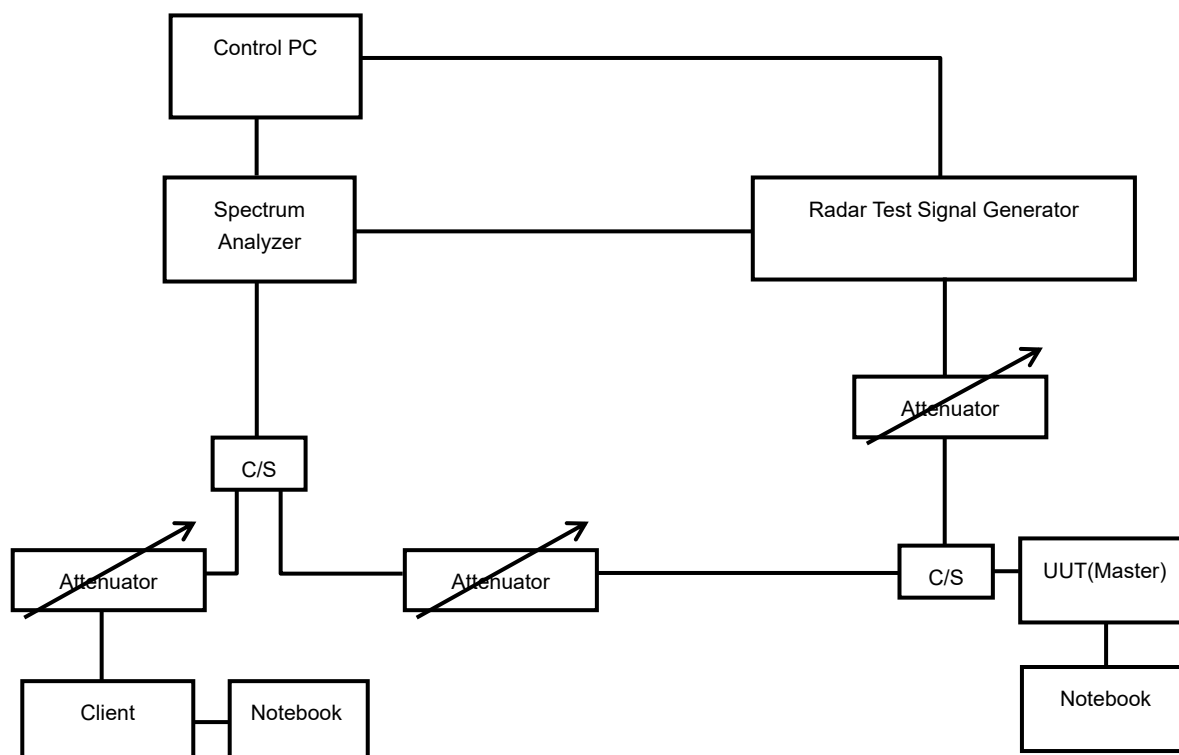
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

6 Test Arrangements

6.1 Test Setup

Conducted measurement

Master Mode



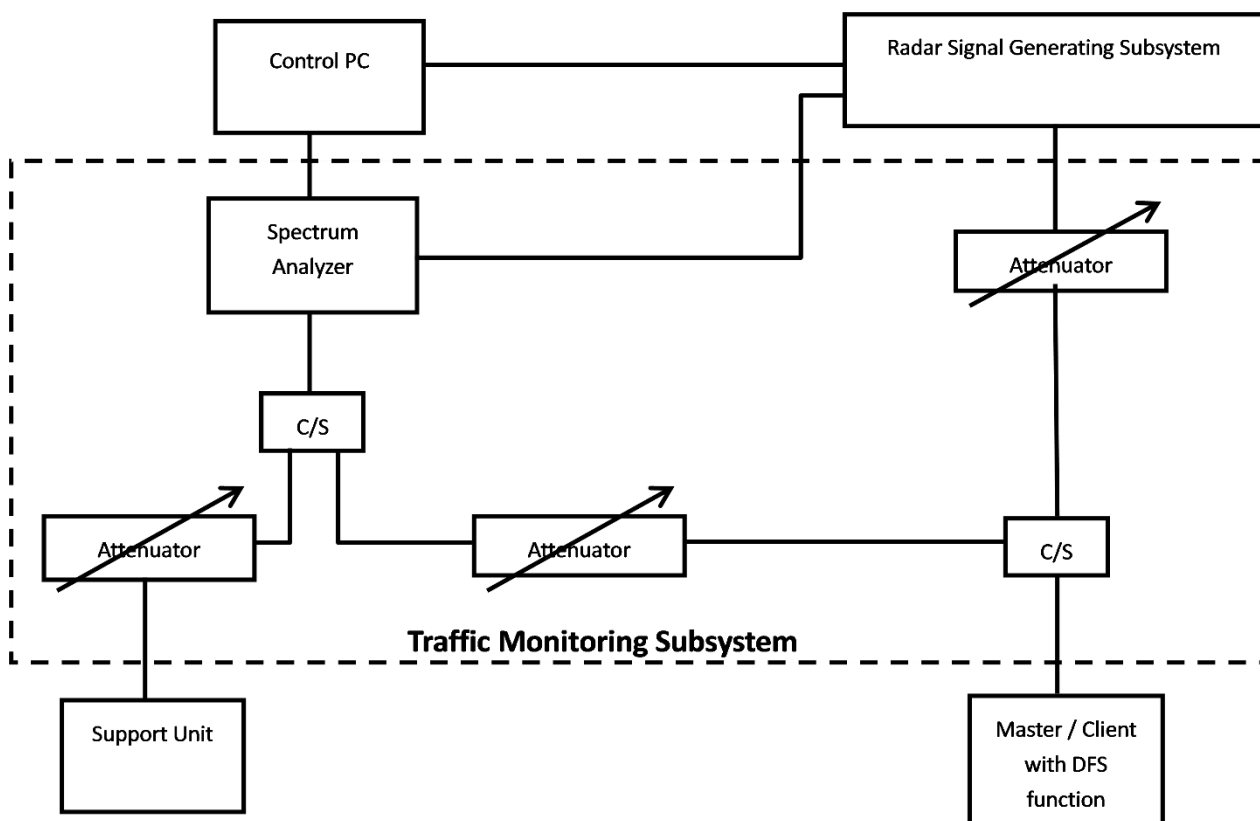
The UUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

6.2 Test Procedure

6.2.1 DFS Measurement System

A complete DFS Measurement System consists of two subsystems: (1) the Radar Signal Generating system and (2) the Traffic Monitoring system. The control PC is necessary for generating the Radar waveforms in Table 5, 6 and 7. The traffic monitoring subsystem is specified to the type of unit under test (UUT).

Conducted Setup Configuration of DFS Measurement System



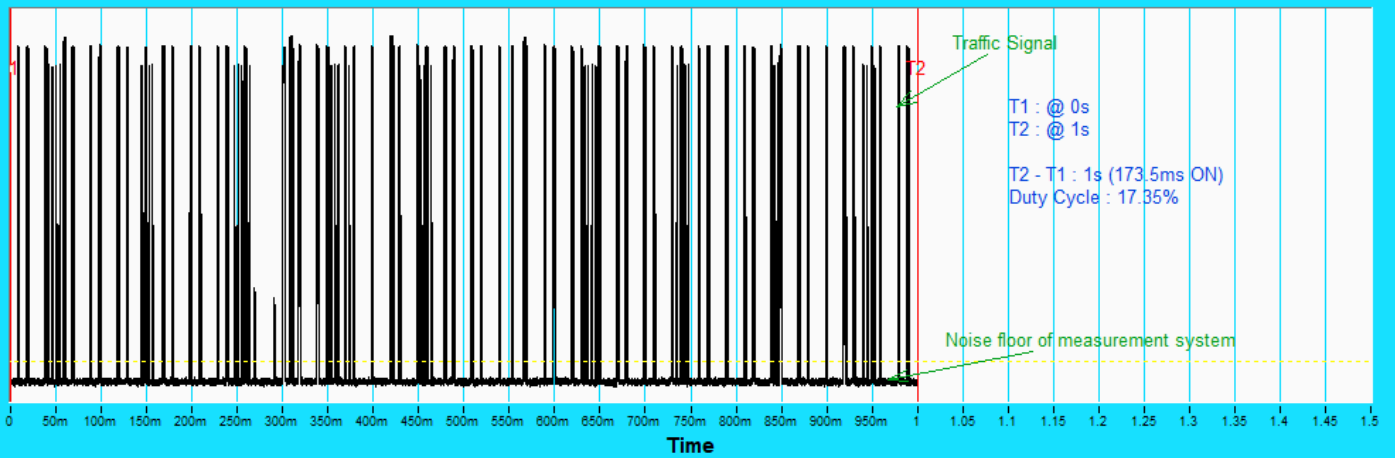
Channel Loading

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

Applicable	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.

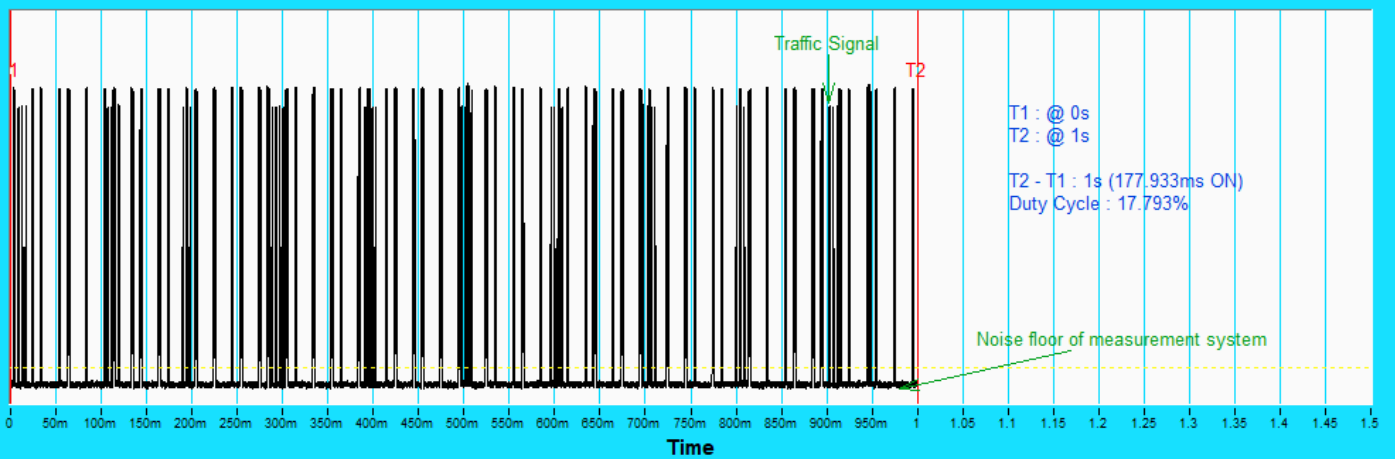
Plots of Channel Loading

Duty Cycle



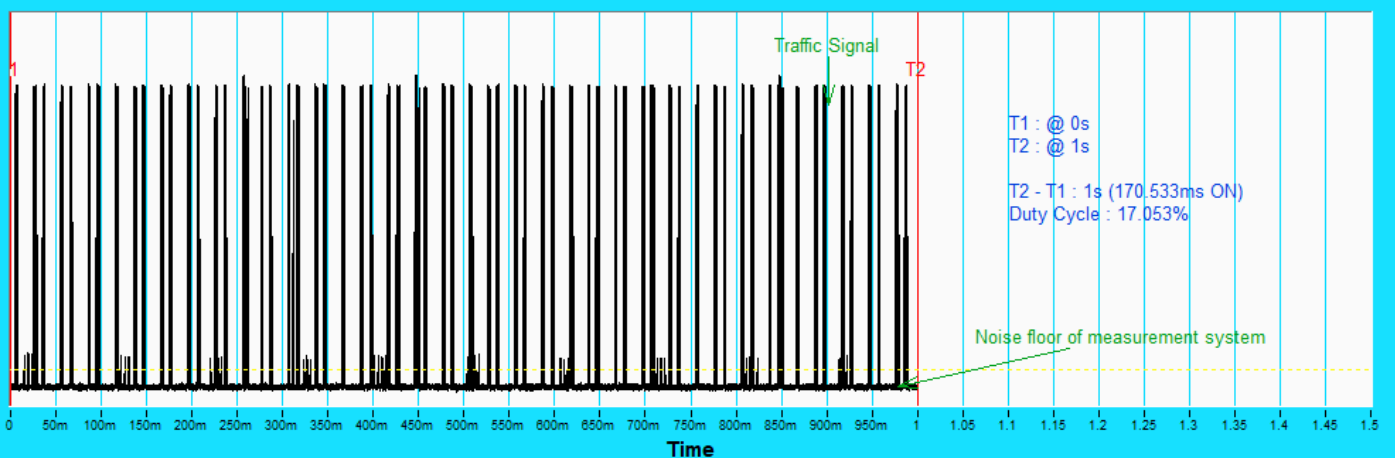
802.11ax (HE20)

Duty Cycle



802.11ax (HE40)

Duty Cycle



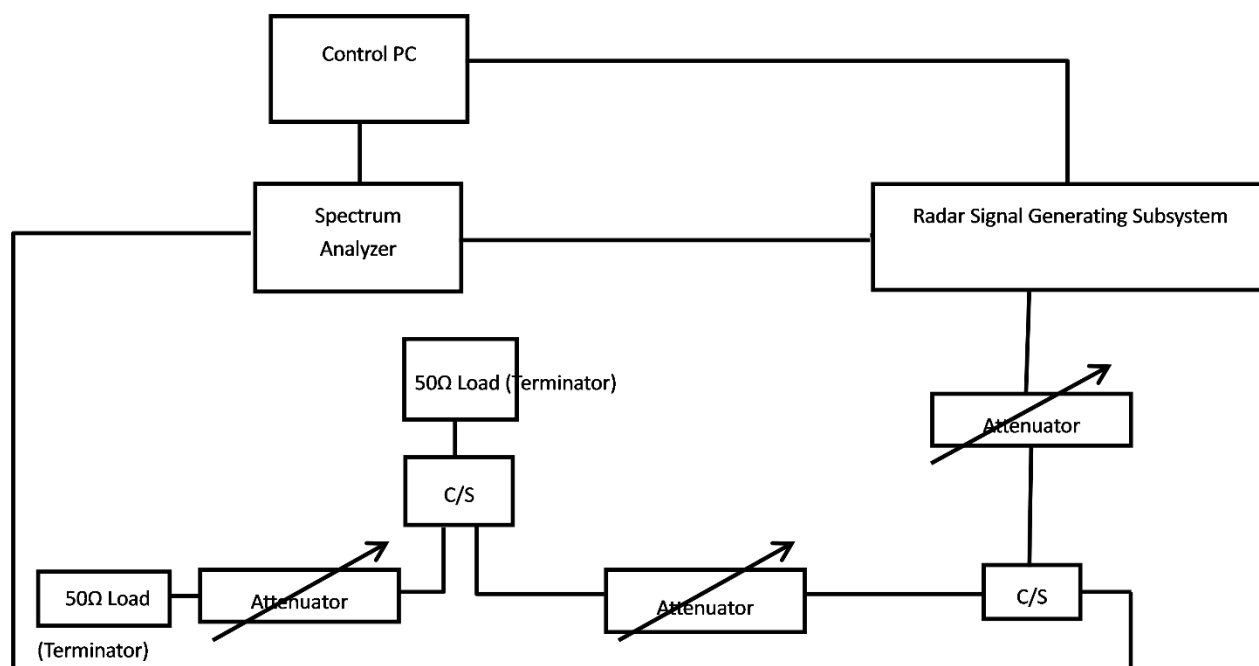
802.11ax (HE80)

6.2.2 Calibration of DFS Detection Threshold Level

The measured channel is chosen from the operating channels of the UUT within the DFS band and using the all bandwidth mode available for the link. 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.

Conducted Setup Configuration of Calibration of DFS Detection Threshold Level

The calibrated conducted detection threshold level is set to -64 dBm. The tested level is lower than required level hence it provides margin to the limit.



6.2.3 DFS Detection Threshold

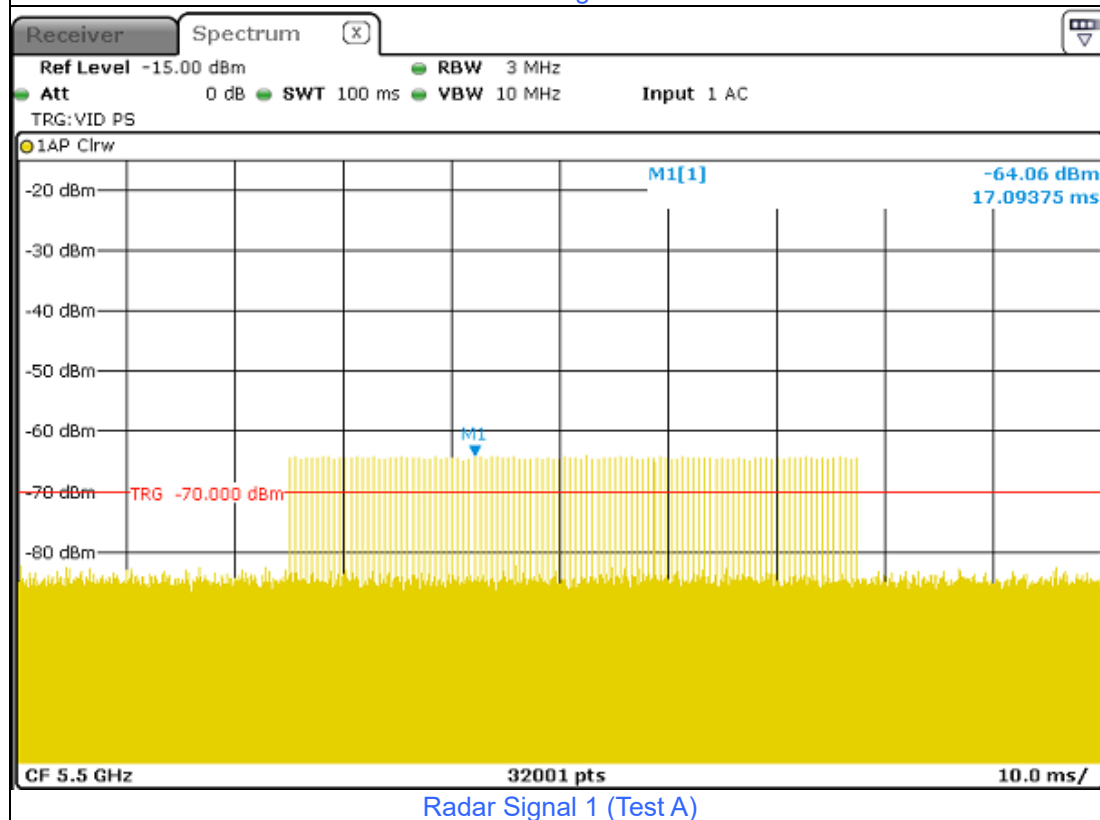
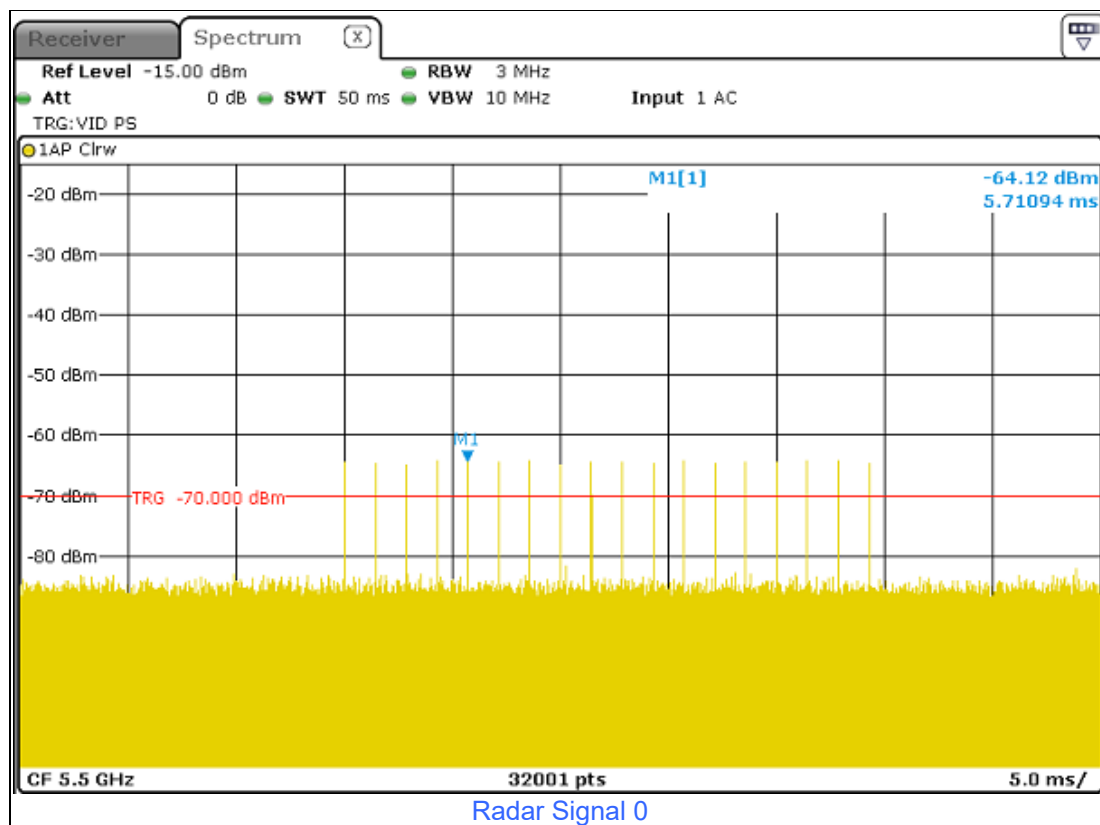
Test Mode: Device Operating in Master Mode

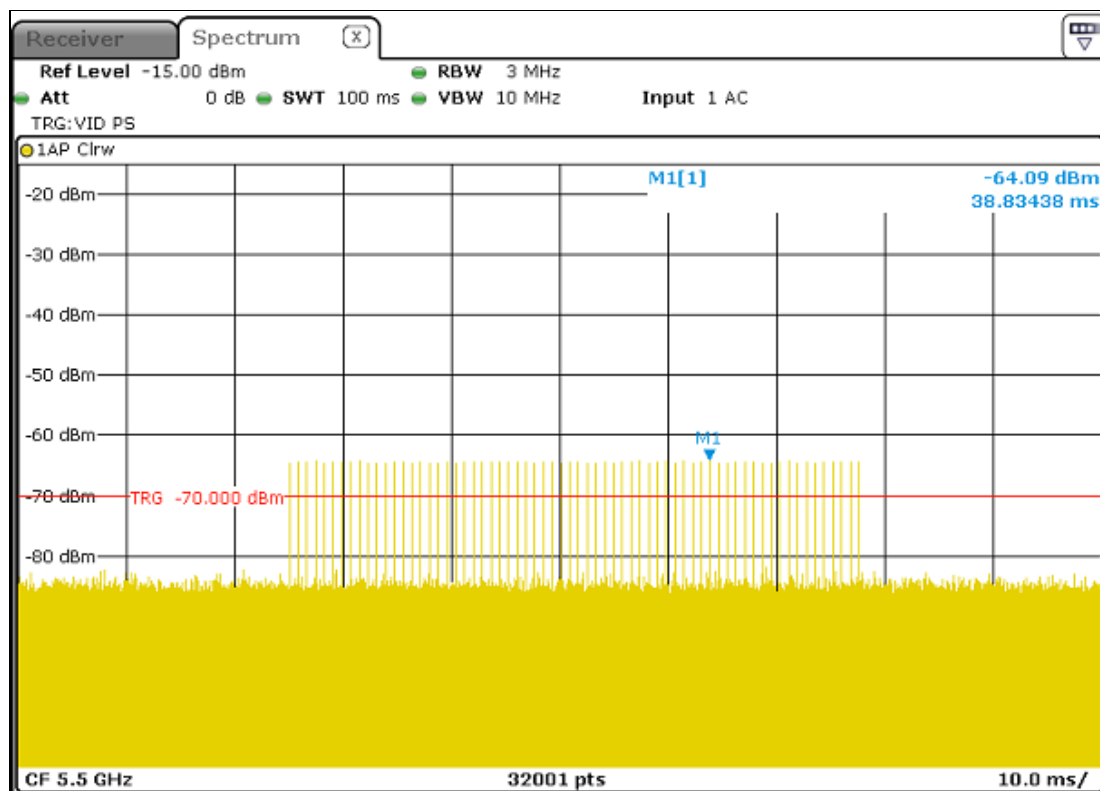
The radar test waveforms are injected into the Master.

The antenna net gain is 0.46 dBi.

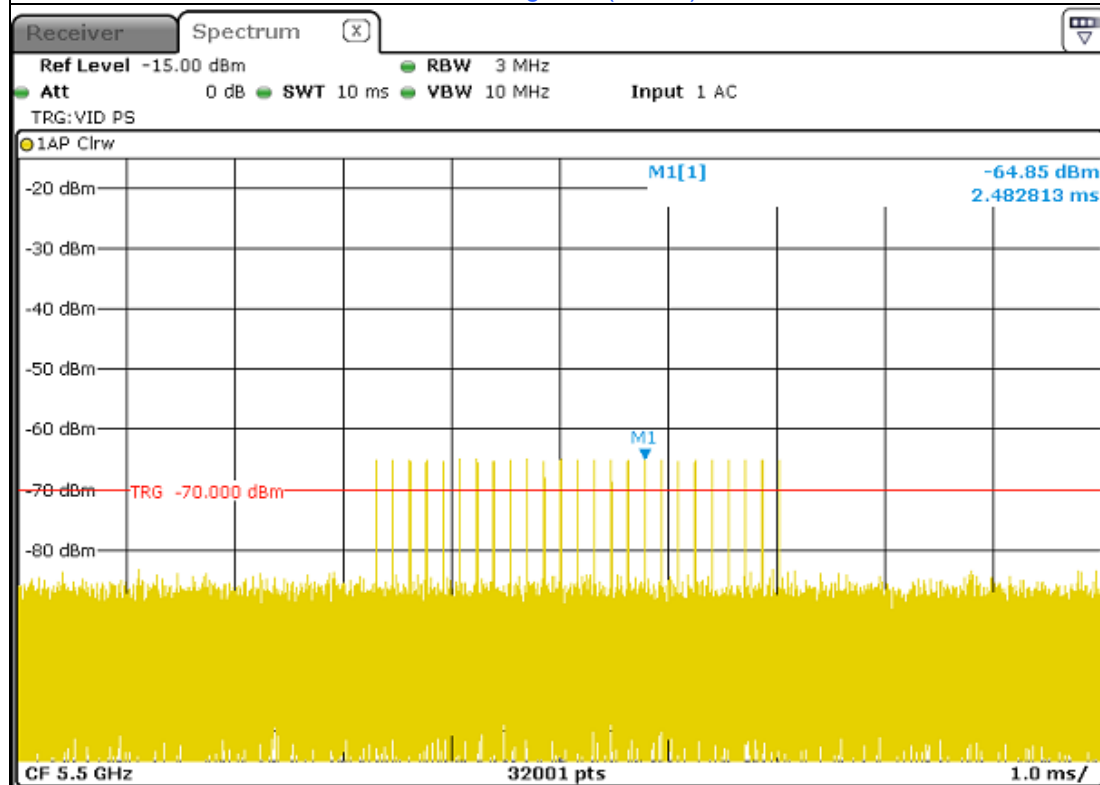
DFS Detection Threshold = -64 dBm + 0.46 dBi = -63.54 dBm

The calibrated conducted detection threshold level is lower than -63.54 dBm

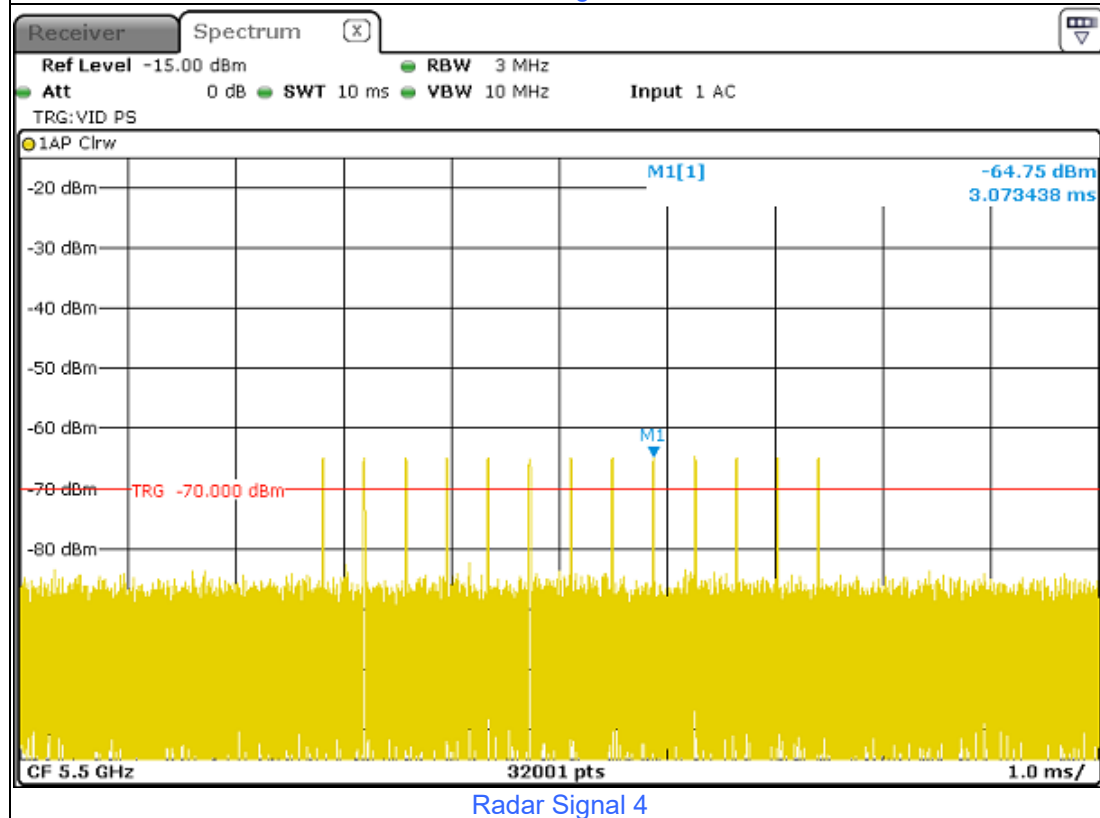
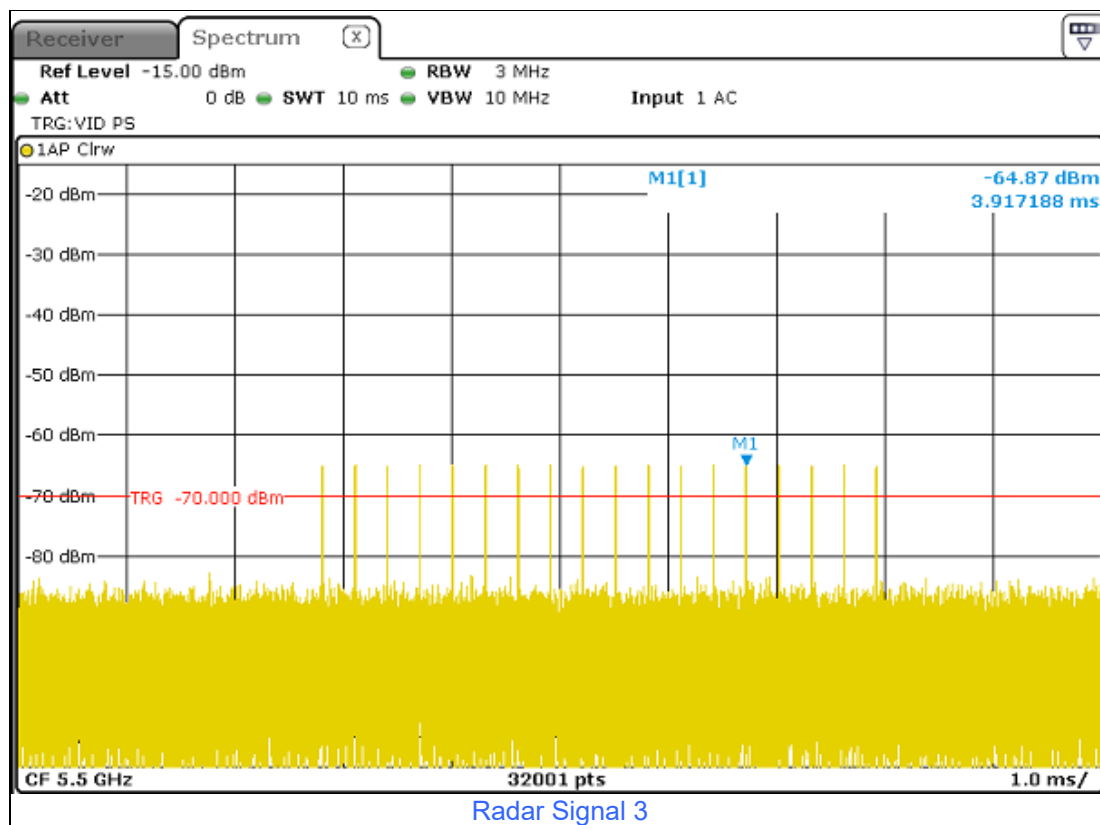


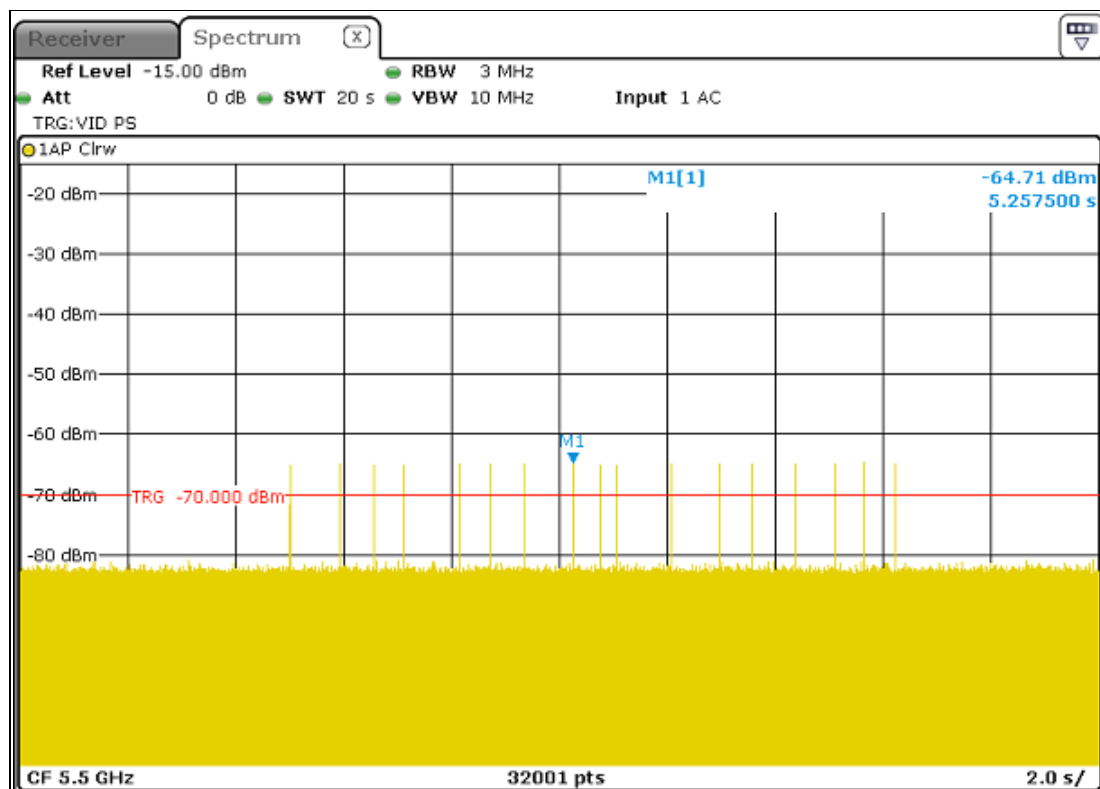


Radar Signal 1 (Test B)

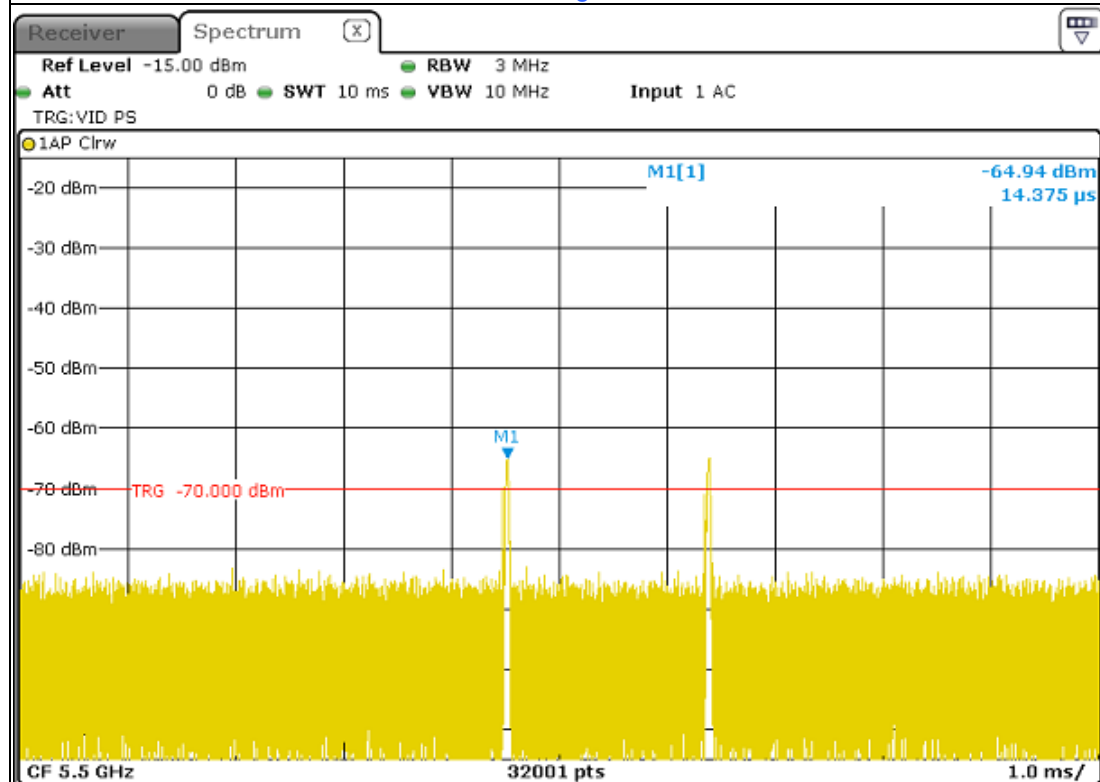


Radar Signal 2

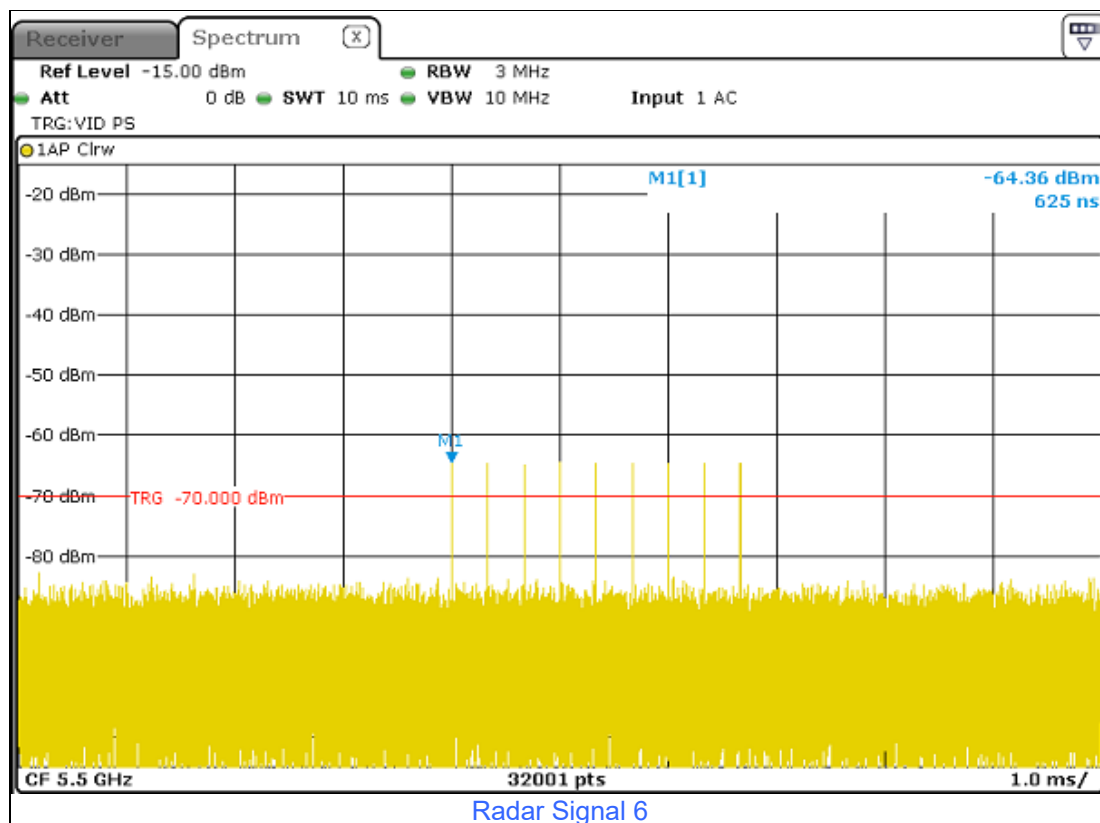




Radar Signal 5



Radar Signal 5 (Single Burst)



6.2.4 DFS Companion Device

Companion Device Information					
Product	Brand	Model No.	FCC ID	Specification	Software/Firmware Version
802.11ax wireless Router	ASUS	RT-AX88U	MSQ-RTAXHP00	5G Ant gain : 2.24 dB	3.0.0.4.384_7968-g47549fc

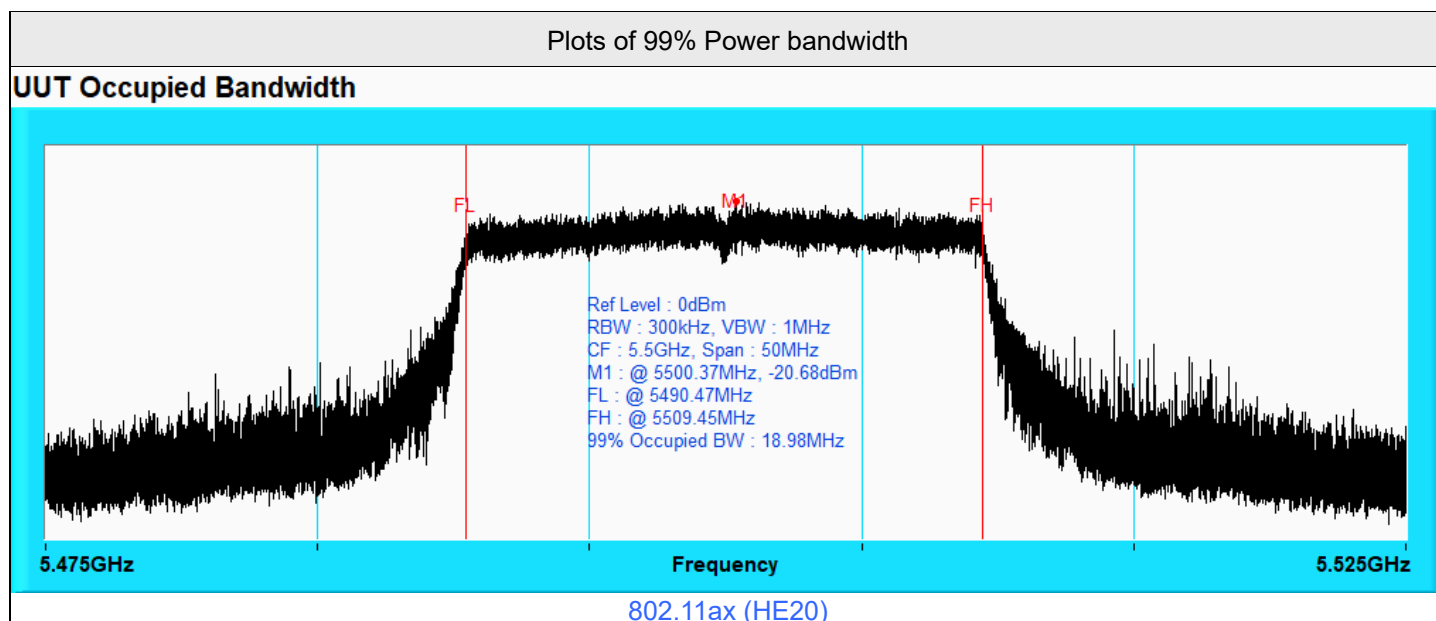
7 Test Results of Test Item

7.1 U-NII Detection Bandwidth

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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For 802.11ax (HE20)

Detection Bandwidth Test													
Radar Type 0 EUT Frequency: 5500 MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 18.98 MHz Detection bandwidth (5510 MHz (FH) – 5490 MHz (FL)): 20 MHz													
Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Percentage of Successful Detection	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5510 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass



802.11ax (HE40)

Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5510 MHz

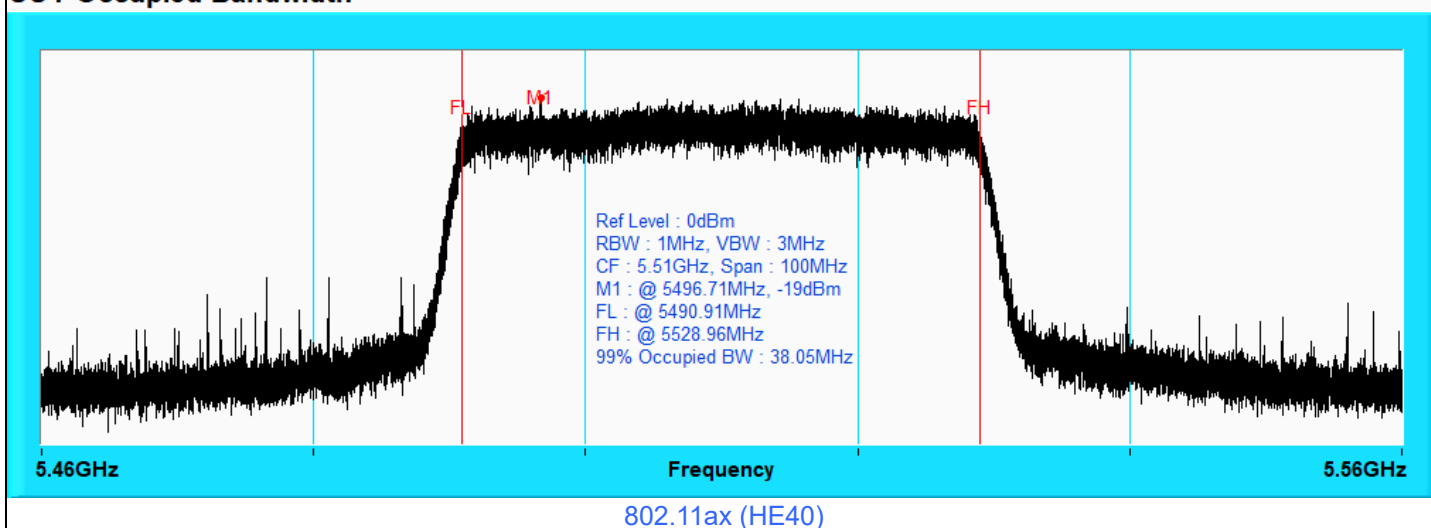
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 38.05 MHz

Detection bandwidth (5530 MHz (FH) – 5490 MHz (FL)): 40 MHz

Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5530 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth

UUT Occupied Bandwidth



802.11ax (HE80)

Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5530 MHz

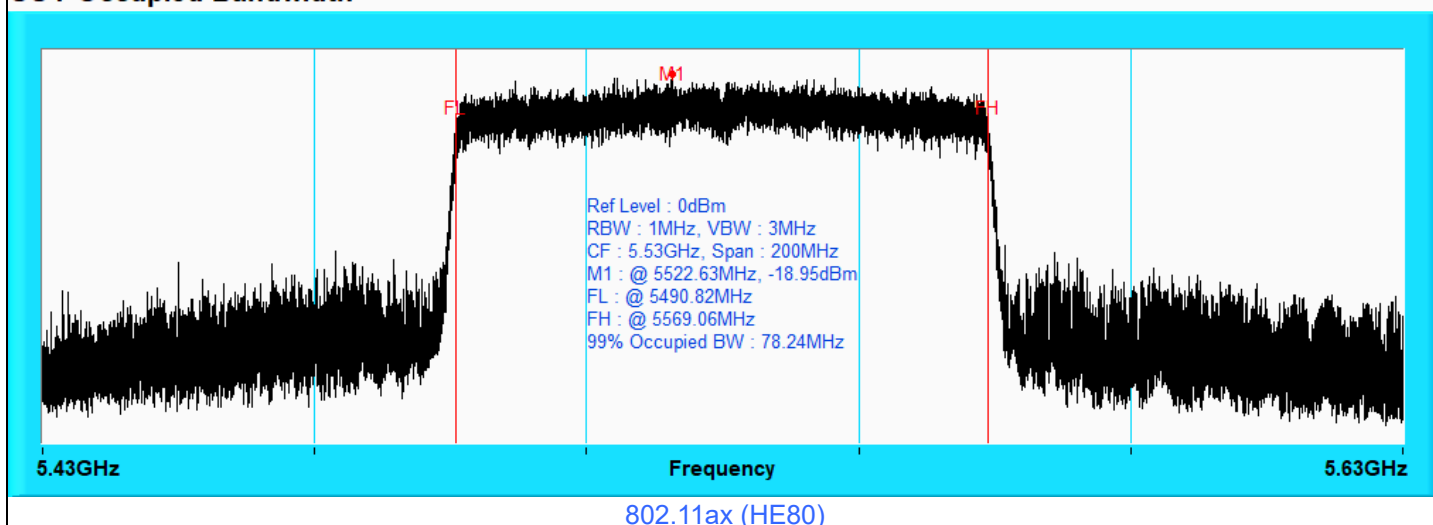
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 78.24 MHz

Detection bandwidth (5570 MHz (FH) – 5490 MHz (FL)): 80 MHz

Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5490 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5495	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5500	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5505	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5515	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5520	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5525	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5530	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5535	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5540	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5545	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5550	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5555	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5560	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5565	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5570 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth

UUT Occupied Bandwidth



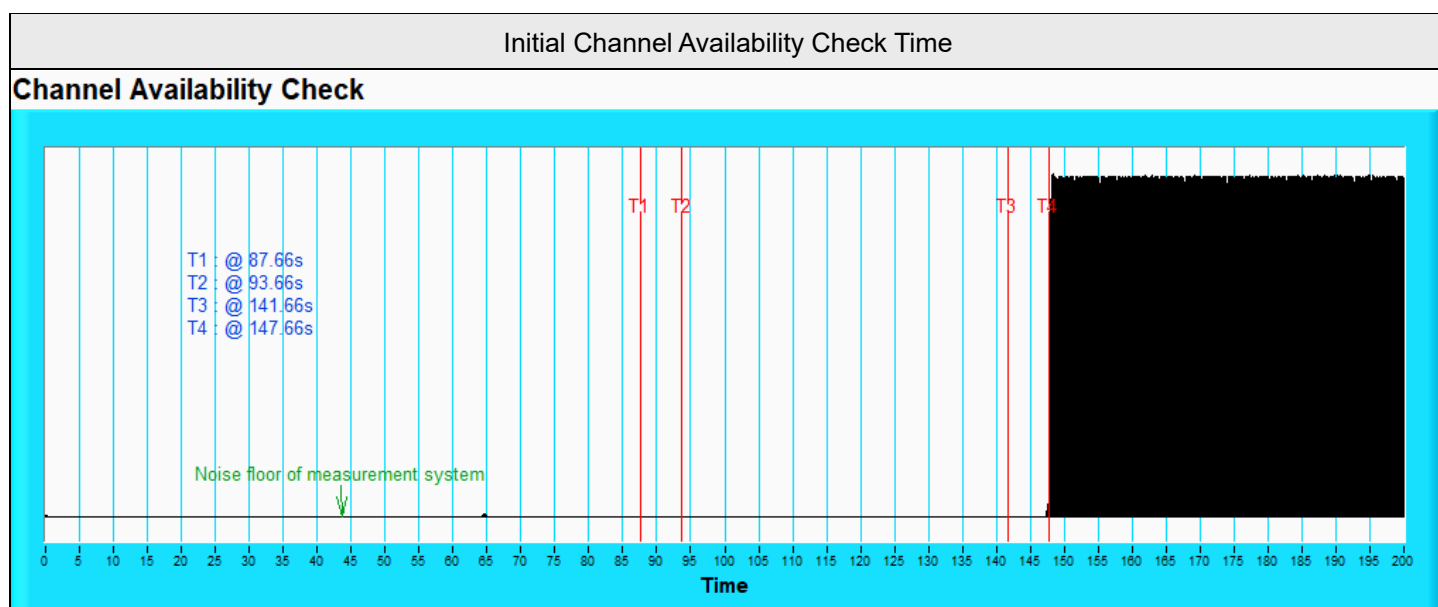
7.2 Channel Availability Check Time

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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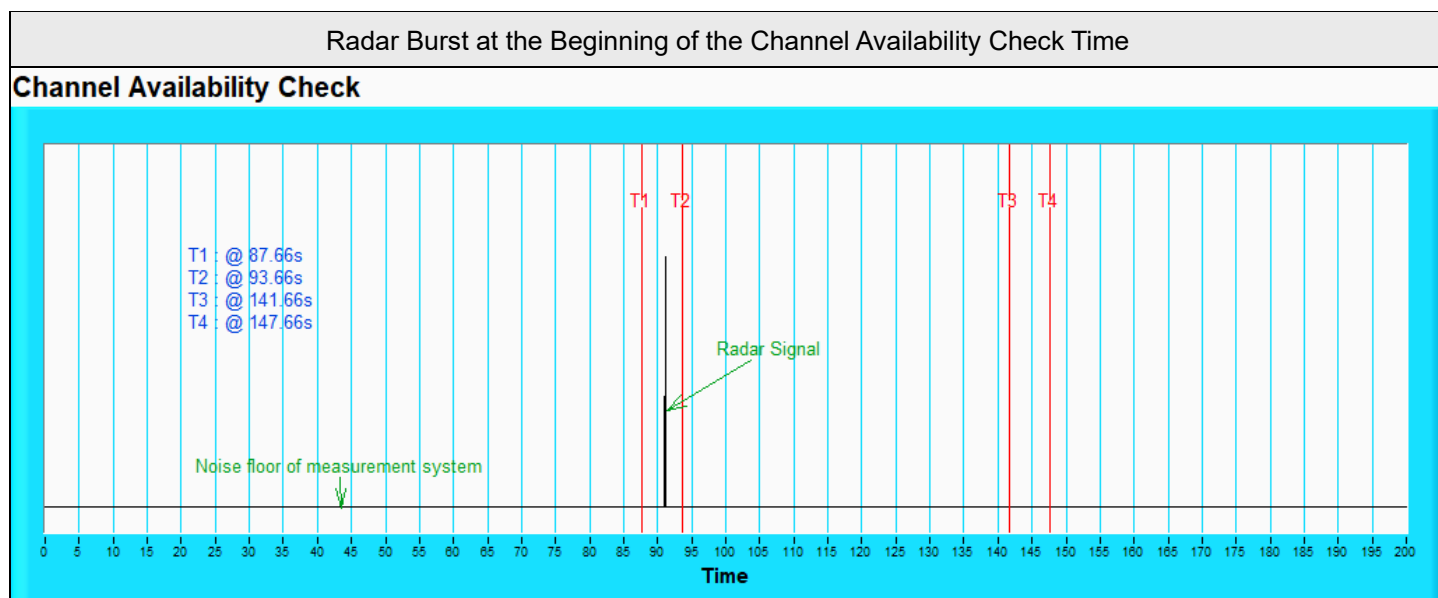
If the EUT successfully detected the radar burst, it should be observed as the EUT has no transmissions occurred until the EUT starts transmitting on another channel.

Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 0 to 6 seconds	Detected	No transmissions
Within 54 to 60 seconds	Detected	No transmissions

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



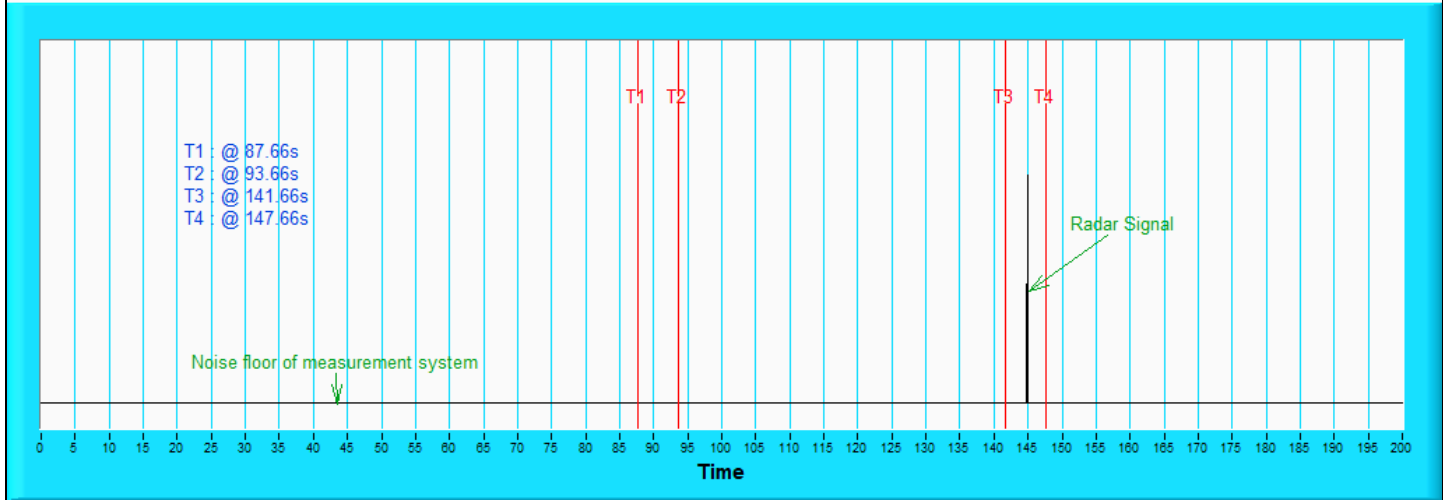
Note: T1 denotes the end of power-up time period is 87.66th second. T4 denotes the end of Channel Availability Check time is 147.66th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.



Note: T1 denotes the end of power-up time period is 87.66th second. T2 denotes 93.66th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 147.66th second.

Radar Burst at the End of the Channel Availability Check Time

Channel Availability Check



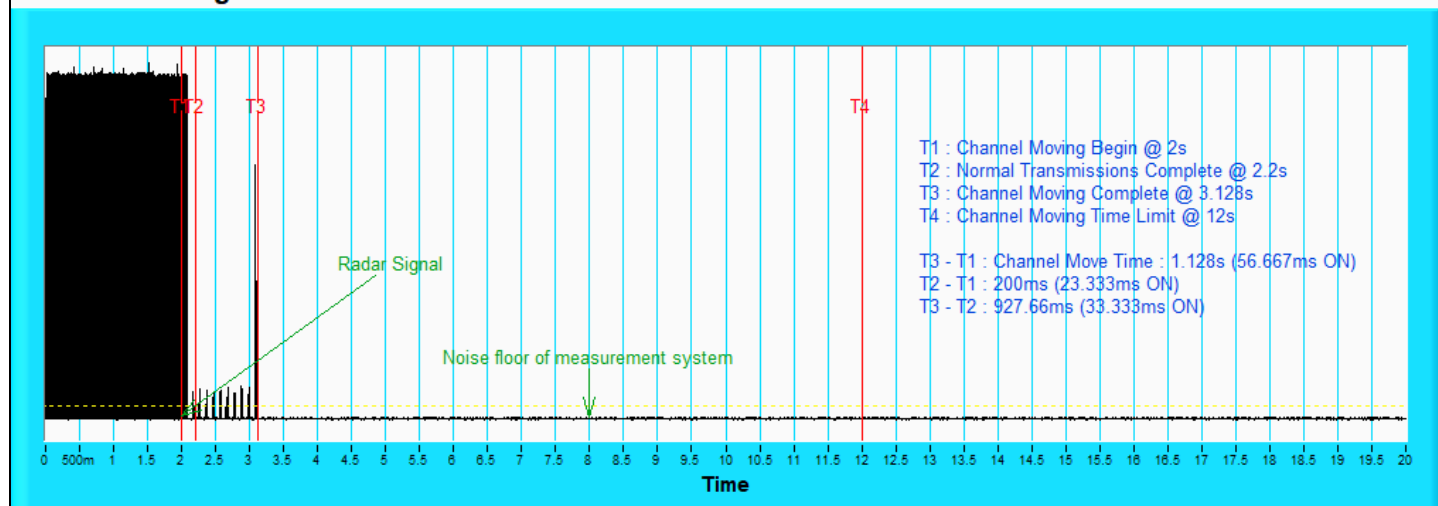
Note: T1 denotes the end of power-up time period is 87.66th second. T3 denotes 141.66th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 147.66th second.

7.3 Channel Closing Transmission and Channel Move Time

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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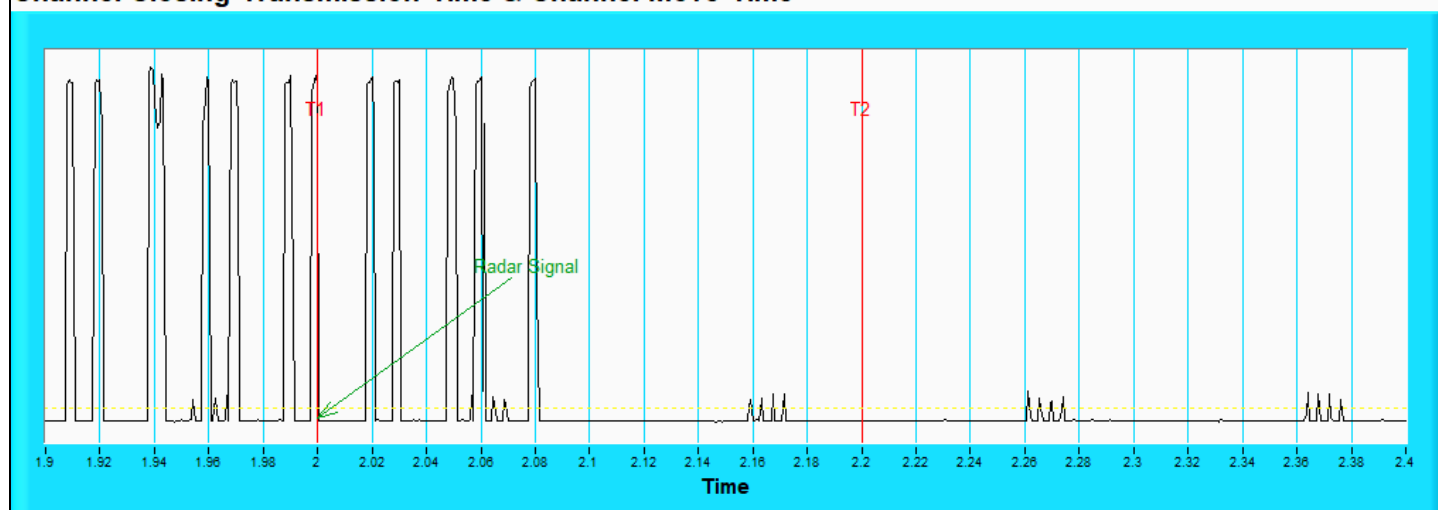
Radar signal 0

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 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

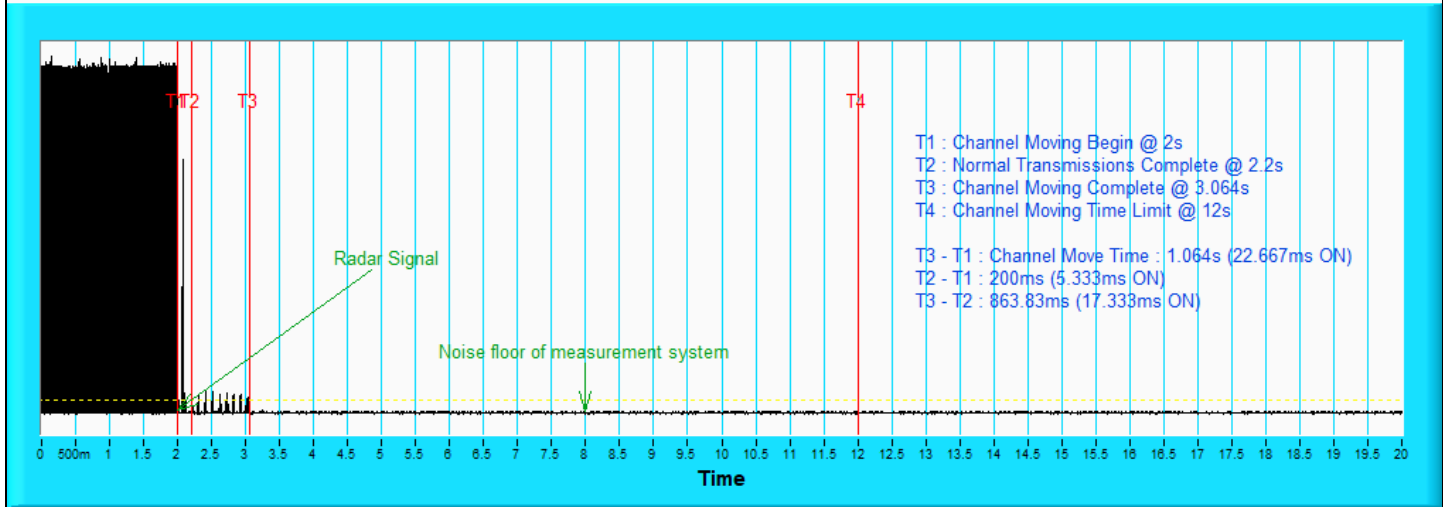
Channel Closing Transmission Time & Channel Move Time



Note: Zoom in of the first 500 ms after radar signal applied.

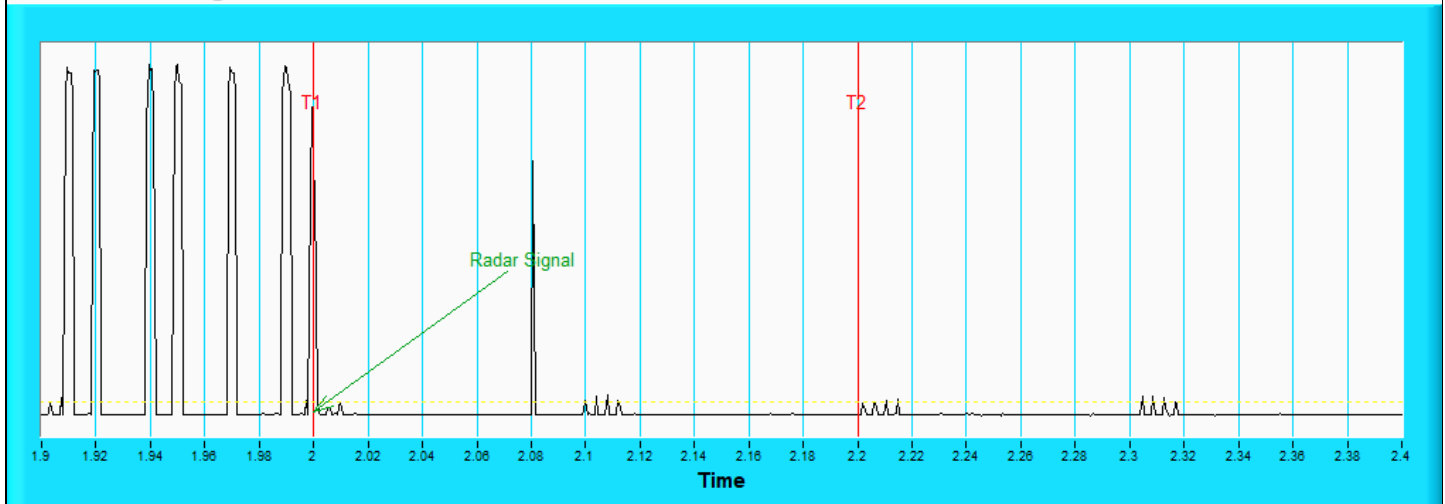
Radar signal 1

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 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

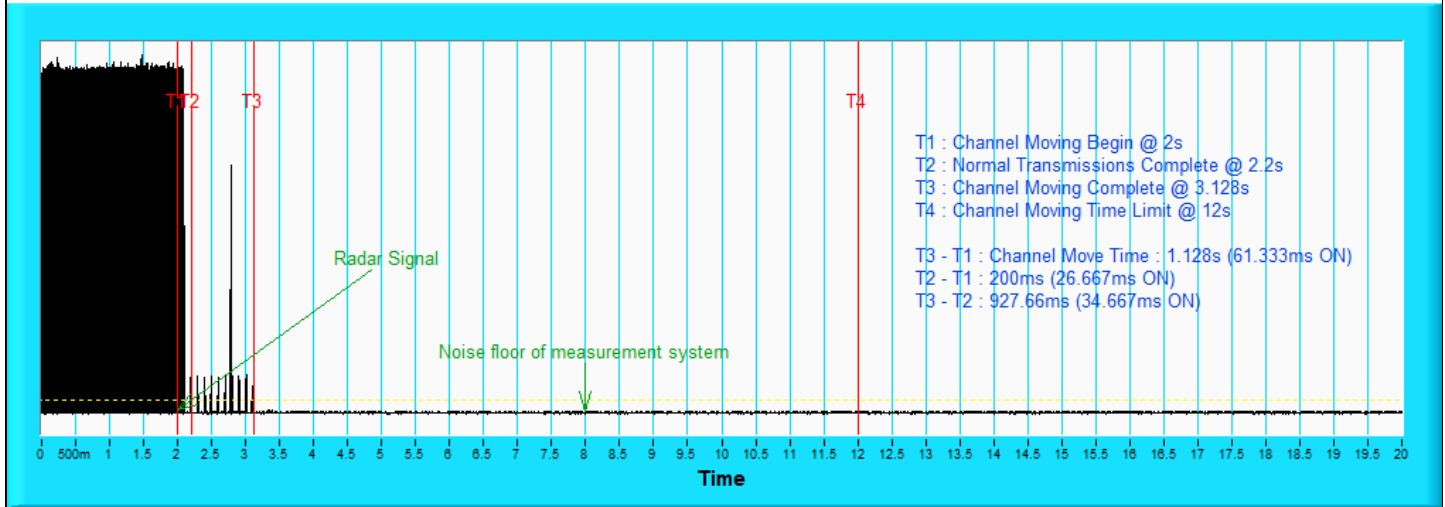
Channel Closing Transmission Time & Channel Move Time



Note: Zoom in of the first 500 ms after radar signal applied.

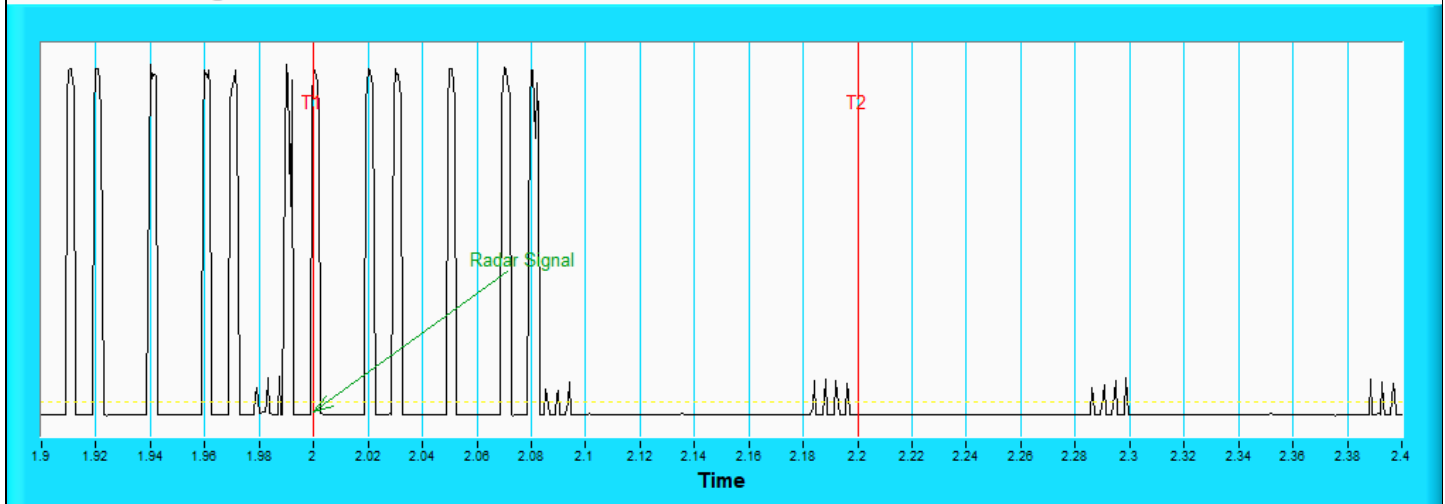
Radar signal 2

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 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

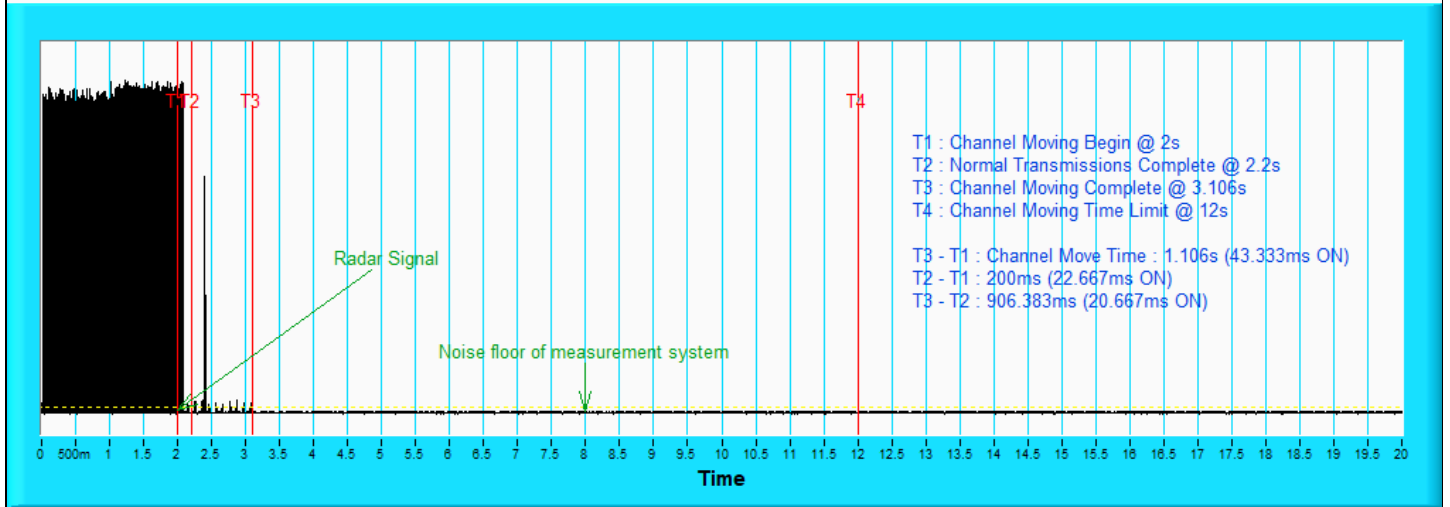
Channel Closing Transmission Time & Channel Move Time



Note: Zoom in of the first 500 ms after radar signal applied.

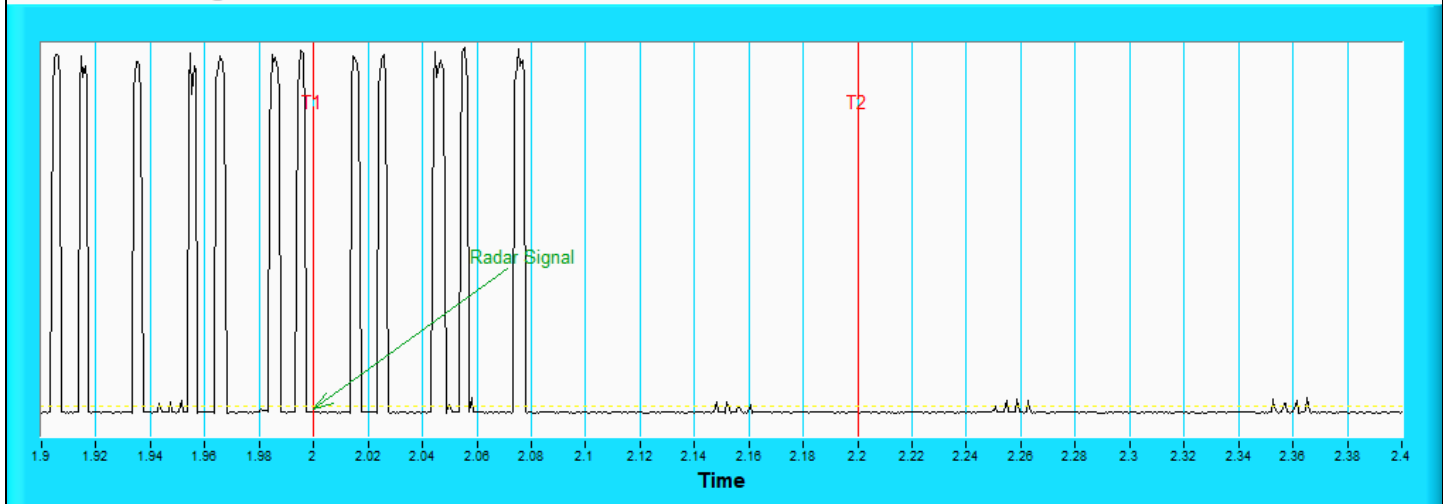
Radar signal 3

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 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.

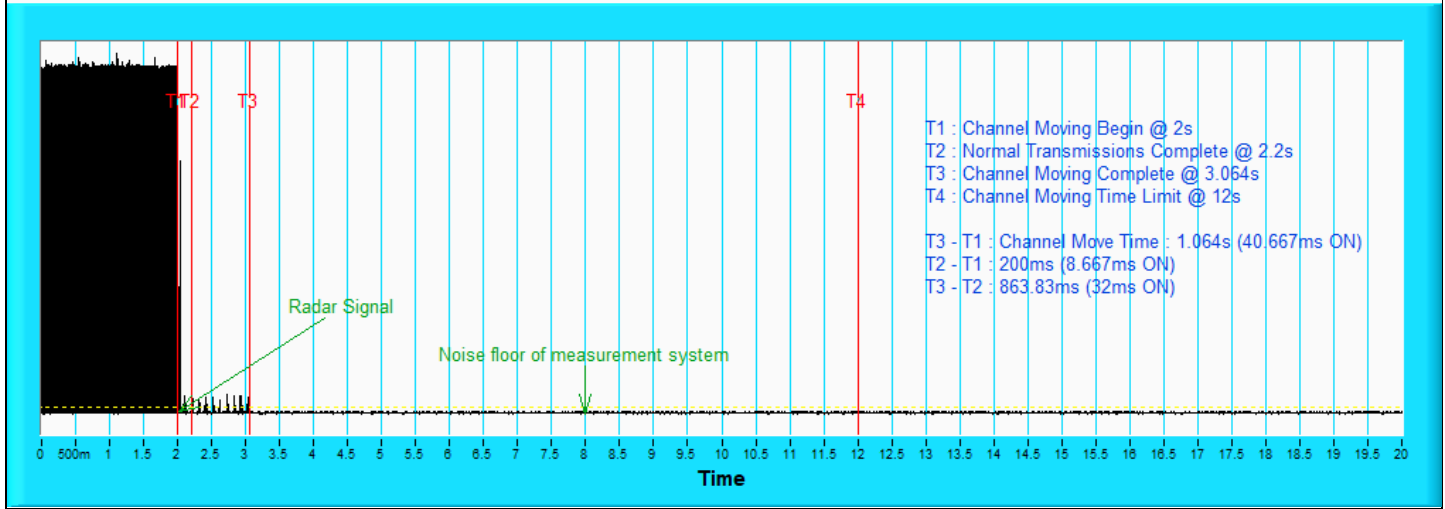
Channel Closing Transmission Time & Channel Move Time



Note: Zoom in of the first 500 ms after radar signal applied.

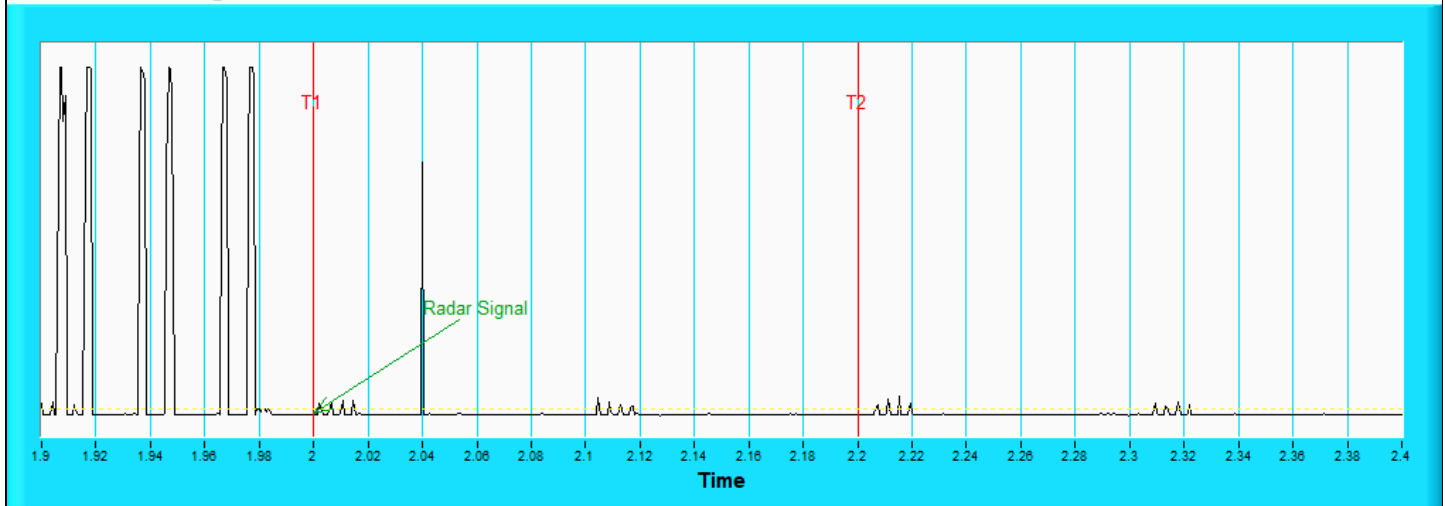
Radar signal 4

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 200 ms 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



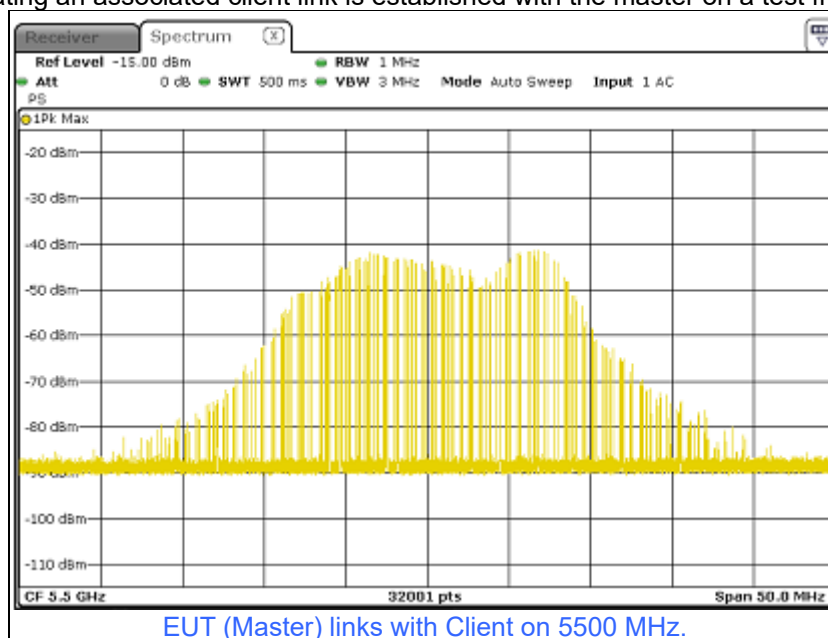
Note: Zoom in of the first 500 ms after radar signal applied.

7.4 Non-Occupancy Period

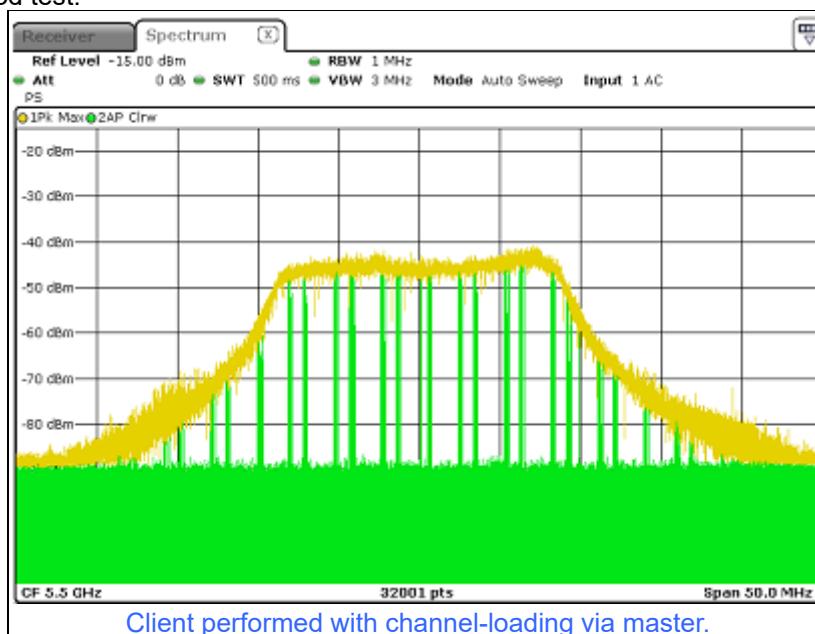
Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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For Associated Test

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



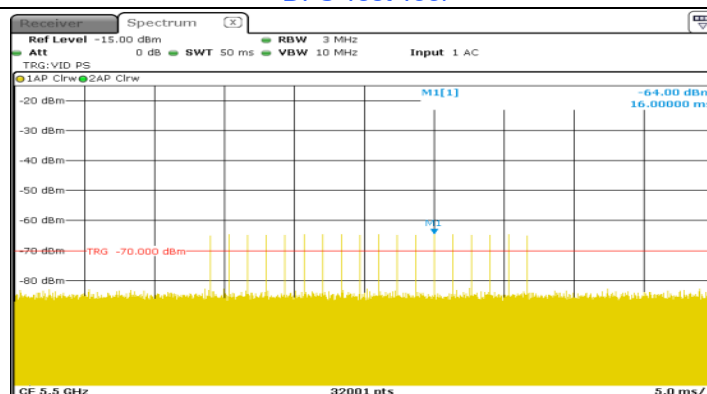
2) The Master and DFS-certified client device are associated, and system testing will be performed with channel-loading for a non-occupancy period test.



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

	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
Download	16	Type 0	1.0	1428.0	18	25704.0

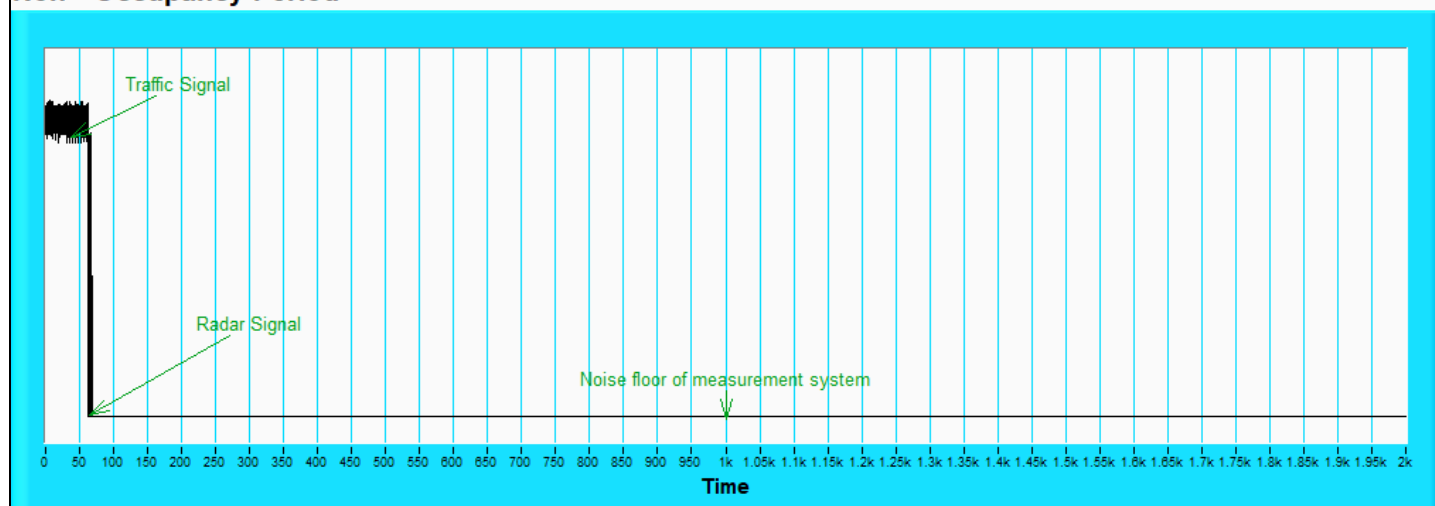
DFS Test Tool



Radar 0 is used to test during DFS test

- 4) The test frequency has been monitored to ensure no transmission of any type has occurred for 30 minutes;
 Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear;
 5) An analyzer plot that contains a single 30-minute sweep on the original test frequency.

Non - Occupancy Period



7.5 Statistical Performance Check

Environmental Conditions:	25°C, 76% RH	Tested By:	Waydi Tuan
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Radar Type	Number of Trials (Times)	Percentage of Successful Detection			Minimum Percentage of Successful Detection	Test Result
		802.11ax (HE20)	802.11ax (HE40)	802.11ax (HE80)		
1	30	100.0%	100.0%	100.0%	60%	Pass
2	30	96.7%	83.3%	100.0%	60%	Pass
3	30	90.0%	96.7%	96.7%	60%	Pass
4	30	93.3%	96.7%	100.0%	60%	Pass
Aggregate (Radar Types 1 - 4)		95.0%	94.2%	99.2%	80%	Pass
5	30	96.7%	100.0%	90.0%	80%	Pass
6	30	100.0%	100.0%	100.0%	70%	Pass

802.11ax (HE20) 5500MHz

Type 1 Radar Statistical Performances						
Trial Id	Radar Frequency (MHz)	PRF No. (1 to 23)	PRF(pps)	Number of Pulses	PRI (us)	Detection
1	5495	22	1066.1	57	938	Yes
2	5490	10	1432.7	76	698	Yes
3	5500	6	1618.1	86	618	Yes
4	5505	2	1858.7	99	538	Yes
5	5510	19	1139	61	878	Yes
6	5510	23	326.2	18	3066	Yes
7	5500	7	1567.4	83	638	Yes
8	5495	21	1089.3	58	918	Yes
9	5490	17	1193.3	63	838	Yes
10	5505	18	1165.5	62	858	Yes
11	5495	15	1253.1	67	798	Yes
12	5500	11	1392.8	74	718	Yes
13	5505	4	1730.1	92	578	Yes
14	5510	5	1672.2	89	598	Yes
15	5490	3	1792.1	95	558	Yes
16	5500	-	394.3	21	2536	Yes
17	5495	-	1035.2	55	966	Yes
18	5510	-	1209.2	64	827	Yes
19	5490	-	399.8	22	2501	Yes
20	5505	-	385.4	21	2595	Yes
21	5510	-	897.7	48	1114	Yes
22	5495	-	768	41	1302	Yes
23	5500	-	328.4	18	3045	Yes
24	5505	-	615.8	33	1624	Yes
25	5490	-	347.5	19	2878	Yes
26	5495	-	973.7	52	1027	Yes
27	5510	-	402.4	22	2485	Yes
28	5500	-	625	33	1600	Yes
29	5505	-	853.2	46	1172	Yes
30	5490	-	849.6	45	1177	Yes
						Detection Rate: 100%

802.11ax (HE20) 5500MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5505	26	3.2	179	Yes
2	5500	23	1.1	207	Yes
3	5490	24	2.1	230	Yes
4	5495	29	4.8	200	Yes
5	5510	28	3.9	214	Yes
6	5495	26	2.9	222	Yes
7	5505	26	3.2	204	No
8	5510	25	2.5	192	Yes
9	5490	26	3.1	164	Yes
10	5500	23	1.2	156	Yes
11	5505	27	3.9	210	Yes
12	5490	29	4.6	201	Yes
13	5510	26	3.2	162	Yes
14	5500	25	2.2	197	Yes
15	5495	29	4.5	163	Yes
16	5510	26	3	203	Yes
17	5490	29	5	168	Yes
18	5505	25	2.4	217	Yes
19	5500	26	2.9	191	Yes
20	5495	25	2.3	166	Yes
21	5490	27	3.7	150	Yes
22	5495	25	2.2	176	Yes
23	5505	29	4.9	195	Yes
24	5510	26	2.9	202	Yes
25	5500	25	2.5	178	Yes
26	5505	23	1.1	206	Yes
27	5495	27	3.8	155	Yes
28	5490	29	4.7	157	Yes
29	5500	25	2.4	224	Yes
30	5510	28	4.2	159	Yes
					Detection Rate: 96.7%

802.11ax (HE20) 5500MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5490	17	8.2	355	Yes
2	5495	16	6.1	487	Yes
3	5510	16	7.1	344	Yes
4	5505	18	9.8	288	Yes
5	5500	18	8.9	230	Yes
6	5490	17	7.9	432	Yes
7	5495	17	8.2	207	Yes
8	5500	17	7.5	443	Yes
9	5505	17	8.1	439	Yes
10	5510	16	6.2	223	Yes
11	5490	18	8.9	208	No
12	5500	18	9.6	463	Yes
13	5505	17	8.2	441	Yes
14	5495	16	7.2	323	Yes
15	5510	18	9.5	297	Yes
16	5510	17	8	412	Yes
17	5495	18	10	324	No
18	5490	17	7.4	271	Yes
19	5500	17	7.9	349	Yes
20	5505	16	7.3	409	Yes
21	5490	18	8.7	373	Yes
22	5505	16	7.2	254	Yes
23	5500	18	9.9	274	Yes
24	5510	17	7.9	278	Yes
25	5495	17	7.5	317	Yes
26	5510	16	6.1	260	No
27	5500	18	8.8	211	Yes
28	5490	18	9.7	272	Yes
29	5505	17	7.4	264	Yes
30	5495	18	9.2	284	Yes
					Detection Rate: 90%

802.11ax (HE20) 5500MHz

Type 4 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5510	14	16	355	Yes
2	5490	12	11.3	487	Yes
3	5500	13	13.5	344	Yes
4	5505	16	19.4	288	Yes
5	5495	15	17.5	230	Yes
6	5500	14	15.3	432	No
7	5495	14	15.9	207	Yes
8	5510	13	14.3	443	Yes
9	5505	14	15.8	439	Yes
10	5490	12	11.5	223	Yes
11	5495	15	17.4	208	Yes
12	5500	16	19	463	Yes
13	5490	14	16	441	Yes
14	5505	13	13.8	323	Yes
15	5510	16	18.9	297	Yes
16	5505	14	15.5	412	Yes
17	5490	16	19.9	324	Yes
18	5495	13	14.1	271	Yes
19	5500	14	15.2	349	Yes
20	5510	13	13.8	409	Yes
21	5500	15	17.1	373	Yes
22	5490	13	13.8	254	Yes
23	5505	16	19.8	274	No
24	5495	14	15.3	278	Yes
25	5510	13	14.5	317	Yes
26	5500	12	11.3	260	Yes
27	5490	15	17.3	211	Yes
28	5505	16	19.2	272	Yes
29	5495	13	14.2	264	Yes
30	5510	15	18.2	284	Yes
					Detection Rate: 93.3%

802.11ax (HE20) 5500MHz

Type 5 Radar Statistical Performances				
No.	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	8	5500	LP_SIGNAL_01	Yes
2	6	5500	LP_SIGNAL_02	Yes
3	13	5500	LP_SIGNAL_03	Yes
4	18	5500	LP_SIGNAL_04	Yes
5	14	5500	LP_SIGNAL_05	Yes
6	6	5500	LP_SIGNAL_06	Yes
7	20	5500	LP_SIGNAL_07	Yes
8	10	5500	LP_SIGNAL_08	Yes
9	20	5500	LP_SIGNAL_09	Yes
10	12	5500	LP_SIGNAL_10	Yes
11	6	5492.87	LP_SIGNAL_11	Yes
12	17	5497.27	LP_SIGNAL_12	Yes
13	9	5494.07	LP_SIGNAL_13	Yes
14	12	5495.27	LP_SIGNAL_14	Yes
15	6	5492.87	LP_SIGNAL_15	Yes
16	7	5493.27	LP_SIGNAL_16	Yes
17	11	5494.87	LP_SIGNAL_17	Yes
18	10	5494.47	LP_SIGNAL_18	Yes
19	19	5498.07	LP_SIGNAL_19	Yes
20	17	5497.27	LP_SIGNAL_20	Yes
21	15	5503.45	LP_SIGNAL_21	No
22	7	5506.65	LP_SIGNAL_22	Yes
23	14	5503.85	LP_SIGNAL_23	Yes
24	15	5503.45	LP_SIGNAL_24	Yes
25	15	5503.45	LP_SIGNAL_25	Yes
26	9	5505.85	LP_SIGNAL_26	Yes
27	10	5505.45	LP_SIGNAL_27	Yes
28	16	5503.05	LP_SIGNAL_28	Yes
29	12	5504.65	LP_SIGNAL_29	Yes
30	12	5504.65	LP_SIGNAL_30	Yes
				Detection Rate: 96.7%

Note: The Long Pulse Radar pattern shown in Appendix.

802.11ax (HE20) 5500MHz

Type 6 Radar Statistical Performances				
Trial Id	Pulses per HOP	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 (HE40) 5510MHz

Type 1 Radar Statistical Performances						
Trial Id	Radar Frequency (MHz)	PRF No. (1 to 23)	PRF(pps)	Number of Pulses	PRI (us)	Detection
1	5495	23	326.2	18	3066	Yes
2	5515	9	1474.9	78	678	Yes
3	5525	16	1222.5	65	818	Yes
4	5510	5	1672.2	89	598	Yes
5	5490	7	1567.4	83	638	Yes
6	5505	15	1253.1	67	798	Yes
7	5520	12	1355	72	738	Yes
8	5500	20	1113.6	59	898	Yes
9	5530	11	1392.8	74	718	Yes
10	5510	3	1792.1	95	558	Yes
11	5515	19	1139	61	878	Yes
12	5505	17	1193.3	63	838	Yes
13	5500	2	1858.7	99	538	Yes
14	5525	8	1519.8	81	658	Yes
15	5520	22	1066.1	57	938	Yes
16	5495	-	1065	57	939	Yes
17	5490	-	499	27	2004	Yes
18	5530	-	627.7	34	1593	Yes
19	5510	-	636.5	34	1571	Yes
20	5500	-	1179.2	63	848	Yes
21	5505	-	370.8	20	2697	Yes
22	5515	-	590.7	32	1693	Yes
23	5525	-	557.7	30	1793	Yes
24	5520	-	989.1	53	1011	Yes
25	5495	-	349.4	19	2862	Yes
26	5490	-	997	53	1003	Yes
27	5530	-	363.5	20	2751	Yes
28	5495	-	492.9	27	2029	Yes
29	5525	-	1326.3	70	754	Yes
30	5500	-	803.2	43	1245	Yes
						Detection Rate: 100%

802.11ax (HE40) 5510MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5525	29	4.9	210	Yes
2	5505	24	1.7	178	Yes
3	5510	25	2.1	173	Yes
4	5495	28	4	222	Yes
5	5515	27	3.6	219	No
6	5520	29	5	212	Yes
7	5530	29	4.9	176	Yes
8	5500	23	1.1	199	Yes
9	5490	23	1.2	162	No
10	5510	29	4.5	220	Yes
11	5505	29	5	229	No
12	5530	29	5	214	Yes
13	5520	25	2.4	153	Yes
14	5525	28	4.1	197	Yes
15	5495	24	2	211	Yes
16	5515	29	4.6	190	Yes
17	5500	23	1	213	Yes
18	5490	25	2.4	218	Yes
19	5510	26	3.2	215	Yes
20	5495	26	3.1	157	Yes
21	5500	25	2.7	168	No
22	5530	25	2.6	227	No
23	5525	24	2	171	Yes
24	5490	23	1.1	158	Yes
25	5505	23	1	167	Yes
26	5520	29	4.9	150	Yes
27	5515	29	4.8	191	Yes
28	5520	25	2.3	159	Yes
29	5495	28	4.3	226	Yes
30	5500	26	3.3	208	Yes
					Detection Rate: 83.3%

802.11ax (HE40) 5510MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5510	18	9.9	235	Yes
2	5530	16	6.7	357	Yes
3	5490	16	7.1	333	Yes
4	5495	18	9	242	Yes
5	5500	17	8.6	397	Yes
6	5505	18	10	302	Yes
7	5515	18	9.9	203	Yes
8	5525	16	6.1	428	Yes
9	5520	16	6.2	335	No
10	5495	18	9.5	240	Yes
11	5520	18	10	224	Yes
12	5505	18	10	410	Yes
13	5500	17	7.4	359	Yes
14	5530	18	9.1	269	Yes
15	5525	16	7	250	Yes
16	5510	18	9.6	247	Yes
17	5490	16	6	222	Yes
18	5515	17	7.4	424	Yes
19	5490	17	8.2	393	Yes
20	5515	17	8.1	382	Yes
21	5525	17	7.7	486	Yes
22	5500	17	7.6	480	Yes
23	5495	16	7	360	Yes
24	5510	16	6.1	297	Yes
25	5520	16	6	265	Yes
26	5530	18	9.9	263	Yes
27	5505	18	9.8	324	Yes
28	5505	17	7.3	386	Yes
29	5495	18	9.3	311	Yes
30	5500	17	8.3	378	Yes
					Detection Rate: 96.7%

802.11ax (HE40) 5510MHz

Type 4 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5500	16	19.7	235	Yes
2	5490	12	12.7	357	Yes
3	5495	13	13.6	333	Yes
4	5510	15	17.7	242	Yes
5	5515	15	16.8	397	Yes
6	5530	16	20	302	Yes
7	5520	16	19.7	203	Yes
8	5505	12	11.3	428	Yes
9	5525	12	11.5	335	Yes
10	5520	16	18.8	240	Yes
11	5490	16	20	224	Yes
12	5500	16	20	410	Yes
13	5510	13	14.2	359	No
14	5495	15	18	269	Yes
15	5530	13	13.3	250	Yes
16	5505	16	19	247	Yes
17	5515	12	11.1	222	Yes
18	5525	13	14.2	424	Yes
19	5500	14	15.9	393	Yes
20	5495	14	15.8	382	Yes
21	5490	14	14.8	486	Yes
22	5510	13	14.6	480	Yes
23	5515	13	13.2	360	Yes
24	5530	12	11.3	297	Yes
25	5520	12	11	265	Yes
26	5505	16	19.6	263	Yes
27	5525	16	19.6	324	Yes
28	5510	13	14	386	Yes
29	5495	16	18.3	311	Yes
30	5490	14	16.1	378	Yes
					Detection Rate: 96.7%

802.11ax (HE40) 5510MHz

Type 5 Radar Statistical Performances				
No.	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	18	5510	LP_SIGNAL_01	Yes
2	6	5510	LP_SIGNAL_02	Yes
3	10	5510	LP_SIGNAL_03	Yes
4	13	5510	LP_SIGNAL_04	Yes
5	8	5510	LP_SIGNAL_05	Yes
6	13	5510	LP_SIGNAL_06	Yes
7	15	5510	LP_SIGNAL_07	Yes
8	14	5510	LP_SIGNAL_08	Yes
9	12	5510	LP_SIGNAL_09	Yes
10	6	5510	LP_SIGNAL_10	Yes
11	10	5494.91	LP_SIGNAL_11	Yes
12	11	5495.31	LP_SIGNAL_12	Yes
13	6	5493.31	LP_SIGNAL_13	Yes
14	13	5496.11	LP_SIGNAL_14	Yes
15	11	5495.31	LP_SIGNAL_15	Yes
16	9	5494.51	LP_SIGNAL_16	Yes
17	8	5494.11	LP_SIGNAL_17	Yes
18	10	5494.91	LP_SIGNAL_18	Yes
19	8	5494.11	LP_SIGNAL_19	Yes
20	13	5496.11	LP_SIGNAL_20	Yes
21	6	5526.56	LP_SIGNAL_21	Yes
22	16	5522.56	LP_SIGNAL_22	Yes
23	8	5525.76	LP_SIGNAL_23	Yes
24	9	5525.36	LP_SIGNAL_24	Yes
25	20	5520.96	LP_SIGNAL_25	Yes
26	5	5526.96	LP_SIGNAL_26	Yes
27	6	5526.56	LP_SIGNAL_27	Yes
28	9	5525.36	LP_SIGNAL_28	Yes
29	16	5522.56	LP_SIGNAL_29	Yes
30	17	5522.16	LP_SIGNAL_30	Yes
				Detection Rate: 100%

Note: The Long Pulse Radar pattern shown in Appendix.

802.11ax (HE40) 5510MHz

Type 6 Radar Statistical Performances				
Trial Id	Pulses per HOP	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 (HE80) 5530MHz

Type 1 Radar Statistical Performances						
Trial Id	Radar Frequency (MHz)	PRF No. (1 to 23)	PRF(pps)	Number of Pulses	PRI (us)	Detection
1	5515	18	1165.5	62	858	Yes
2	5525	20	1113.6	59	898	Yes
3	5500	8	1519.8	81	658	Yes
4	5530	19	1139	61	878	Yes
5	5510	6	1618.1	86	618	Yes
6	5490	12	1355	72	738	Yes
7	5520	5	1672.2	89	598	Yes
8	5495	7	1567.4	83	638	Yes
9	5505	22	1066.1	57	938	Yes
10	5495	2	1858.7	99	538	Yes
11	5520	9	1474.9	78	678	Yes
12	5530	14	1285.3	68	778	Yes
13	5490	21	1089.3	58	918	Yes
14	5515	10	1432.7	76	698	Yes
15	5505	3	1792.1	95	558	Yes
16	5525	-	327.8	18	3051	Yes
17	5500	-	425.4	23	2351	Yes
18	5510	-	1085.8	58	921	Yes
19	5525	-	643.1	34	1555	Yes
20	5505	-	386.1	21	2590	Yes
21	5530	-	635.7	34	1573	Yes
22	5520	-	1733.1	92	577	Yes
23	5490	-	479.2	26	2087	Yes
24	5510	-	1003	53	997	Yes
25	5500	-	424.1	23	2358	Yes
26	5495	-	638.6	34	1566	Yes
27	5515	-	412.5	22	2424	Yes
28	5515	-	501.5	27	1994	Yes
29	5525	-	520	28	1923	Yes
30	5510	-	1412.4	75	708	Yes
						Detection Rate: 100%

802.11ax (HE80) 5530MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5515	23	1.3	228	Yes
2	5495	26	3.2	172	Yes
3	5500	27	3.9	212	Yes
4	5525	24	1.9	213	Yes
5	5510	27	3.6	150	Yes
6	5490	26	3.3	158	Yes
7	5520	29	4.9	210	Yes
8	5530	23	1.3	223	Yes
9	5505	29	4.9	152	Yes
10	5500	27	3.3	190	Yes
11	5495	25	2.7	203	Yes
12	5510	29	5	227	Yes
13	5525	26	3.3	196	Yes
14	5490	28	4.4	198	Yes
15	5530	24	1.9	161	Yes
16	5520	27	3.6	226	Yes
17	5515	26	2.8	181	Yes
18	5505	25	2.5	167	Yes
19	5490	23	1.3	178	Yes
20	5500	25	2.4	187	Yes
21	5515	29	4.8	153	Yes
22	5530	27	3.5	201	Yes
23	5510	23	1.3	166	Yes
24	5525	29	4.8	155	Yes
25	5495	28	4.3	221	Yes
26	5520	26	3.2	191	Yes
27	5505	24	1.7	192	Yes
28	5520	23	1.2	164	Yes
29	5510	25	2.4	154	Yes
30	5505	29	5	207	Yes
					Detection Rate: 100%

802.11ax (HE80) 5530MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5525	16	6.3	403	Yes
2	5520	17	8.2	313	Yes
3	5510	18	8.9	214	Yes
4	5490	16	6.9	262	Yes
5	5495	17	8.6	273	Yes
6	5500	17	8.3	470	Yes
7	5530	18	9.9	453	Yes
8	5505	16	6.3	378	Yes
9	5515	18	9.9	483	No
10	5500	17	8.3	317	Yes
11	5495	17	7.7	385	Yes
12	5510	18	10	275	Yes
13	5525	17	8.3	497	Yes
14	5520	18	9.4	420	Yes
15	5505	16	6.9	366	Yes
16	5490	17	8.6	414	Yes
17	5530	17	7.8	444	Yes
18	5515	17	7.5	427	Yes
19	5505	16	6.3	338	Yes
20	5515	17	7.4	436	Yes
21	5495	18	9.8	265	Yes
22	5525	17	8.5	451	Yes
23	5520	16	6.3	274	Yes
24	5500	18	9.8	417	Yes
25	5490	18	9.3	330	Yes
26	5530	17	8.2	472	Yes
27	5510	16	6.7	333	Yes
28	5525	16	6.2	377	Yes
29	5500	17	7.4	394	Yes
30	5505	18	10	296	Yes
					Detection Rate: 96.7%

802.11ax (HE80) 5530MHz

Type 4 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5510	12	11.7	403	Yes
2	5500	14	15.9	313	Yes
3	5495	15	17.4	214	Yes
4	5530	13	13.2	262	Yes
5	5490	15	16.8	273	Yes
6	5505	14	16.1	470	Yes
7	5520	16	19.8	453	Yes
8	5515	12	11.7	378	Yes
9	5525	16	19.8	483	Yes
10	5505	14	16.2	317	Yes
11	5500	14	14.8	385	Yes
12	5515	16	19.9	275	Yes
13	5490	14	16.1	497	Yes
14	5495	16	18.6	420	Yes
15	5510	13	13.2	366	Yes
16	5520	15	16.9	414	Yes
17	5530	14	15	444	Yes
18	5525	13	14.4	427	Yes
19	5505	12	11.7	338	Yes
20	5515	13	14.2	436	Yes
21	5520	16	19.6	265	Yes
22	5490	15	16.5	451	Yes
23	5510	12	11.7	274	Yes
24	5500	16	19.4	417	Yes
25	5495	16	18.3	330	Yes
26	5530	14	15.9	472	Yes
27	5525	12	12.5	333	Yes
28	5495	12	11.5	377	Yes
29	5525	13	14.2	394	Yes
30	5520	16	19.8	296	Yes
					Detection Rate: 100%

802.11ax (HE80) 5530MHz

Type 5 Radar Statistical Performances				
No.	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	6	5530	LP_SIGNAL_01	Yes
2	13	5530	LP_SIGNAL_02	Yes
3	16	5530	LP_SIGNAL_03	Yes
4	8	5530	LP_SIGNAL_04	Yes
5	15	5530	LP_SIGNAL_05	Yes
6	14	5530	LP_SIGNAL_06	Yes
7	20	5530	LP_SIGNAL_07	Yes
8	6	5530	LP_SIGNAL_08	Yes
9	20	5530	LP_SIGNAL_09	Yes
10	14	5530	LP_SIGNAL_10	No
11	11	5495.22	LP_SIGNAL_11	Yes
12	20	5498.82	LP_SIGNAL_12	Yes
13	14	5496.42	LP_SIGNAL_13	Yes
14	18	5498.02	LP_SIGNAL_14	Yes
15	8	5494.02	LP_SIGNAL_15	Yes
16	15	5496.82	LP_SIGNAL_16	Yes
17	12	5495.62	LP_SIGNAL_17	Yes
18	11	5495.22	LP_SIGNAL_18	No
19	6	5493.22	LP_SIGNAL_19	Yes
20	10	5494.82	LP_SIGNAL_20	Yes
21	20	5561.06	LP_SIGNAL_21	Yes
22	14	5563.46	LP_SIGNAL_22	Yes
23	6	5566.66	LP_SIGNAL_23	Yes
24	19	5561.46	LP_SIGNAL_24	Yes
25	17	5562.26	LP_SIGNAL_25	Yes
26	13	5563.86	LP_SIGNAL_26	Yes
27	7	5566.26	LP_SIGNAL_27	No
28	5	5567.06	LP_SIGNAL_28	Yes
29	10	5565.06	LP_SIGNAL_29	Yes
30	20	5561.06	LP_SIGNAL_30	Yes
				Detection Rate: 90%

Note: The Long Pulse Radar pattern shown in Appendix.

802.11ax (HE80) 5530MHz

Type 6 Radar Statistical Performances				
Trial Id	Pulses per HOP	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%

8 Declaration of Conformity by the Manufacturer

8.1 Transmit Power Control (TPC)

U-NII devices operating in DFS Bands (5.25 to 5.35 GHz and 5.47 to 5.725 GHz) 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.

8.2 Statement of Manufacturer

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

9 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

10 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: 886-3-6668565

Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232

Fax: 886-3-3270892

Email: service.adt@bureauveritas.com

Web Site: <http://ee.bureauveritas.com.tw>

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

11 Appendix

11.1 Radar Test Signal

The Long Pulse Radar Pattern

802.11ax (HE20) 5500MHz

Long Pulse Radar Test Signal						
Test Signal Name: LP_SIGNAL_01						
Number of Bursts in Trial: 10						
Chirp Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	8	60.7	1004	-	-
2	1	8	54.7	1605	-	-
3	2	8	75.6	1908	1766	-
4	3	8	90.7	1142	1934	1717
5	2	8	79.7	1306	1906	-
6	1	8	55.2	1410	-	-
7	3	8	96.9	1399	1647	1854
8	1	8	66.2	1841	-	-
9	3	8	98	1067	1713	1777
10	2	8	74.7	1282	1973	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_SIGNAL_02						
Number of Bursts in Trial: 9						
Chirp Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	54.5	1736	-	-
2	3	6	88.9	1511	1958	1640
3	1	6	63.8	1650	-	-
4	2	6	74.4	1618	1239	-
5	1	6	53.5	1244	-	-
6	1	6	58.7	1614	-	-
7	2	6	70.9	1079	1154	-
8	2	6	67.6	1671	1595	-
9	3	6	96	1417	1966	1075

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_03
Number of Bursts in Trial: 14
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	90.2	1661	1896	1198
2	2	13	82.5	1443	1959	-
3	1	13	57.6	1994	-	-
4	2	13	79.3	1625	1226	-
5	2	13	82.7	1186	1770	-
6	2	13	82.4	1753	1026	-
7	1	13	64	1112	-	-
8	2	13	68.6	1667	1222	-
9	3	13	85.5	1581	1175	1561
10	2	13	71.9	1346	1048	-
11	2	13	73.5	1218	1148	-
12	1	13	50.8	1905	-	-
13	2	13	70.3	1943	1103	-
14	3	13	94.5	1480	1752	1741

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_04
Number of Bursts in Trial: 18
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	18	78.5	1057	1483	-
2	3	18	86.8	1141	1017	1070
3	1	18	65.4	1579	-	-
4	3	18	90.4	1456	1530	1779
5	2	18	70.6	1519	1586	-
6	2	18	77.1	1414	1464	-
7	2	18	68.1	1850	1471	-
8	1	18	58.2	1502	-	-
9	1	18	57.9	1185	-	-
10	3	18	89.6	1343	1673	1858
11	2	18	76.6	1873	1027	-
12	1	18	51.1	1696	-	-
13	1	18	64.3	1638	-	-
14	3	18	91.3	1050	1176	1755
15	3	18	94.8	1107	1767	1875
16	1	18	56.4	1487	-	-
17	3	18	97.9	1382	1540	1612
18	2	18	80.9	1009	1706	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_05
Number of Bursts in Trial: 15
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	14	59.9	1597	-	-
2	2	14	75.8	1645	1378	-
3	3	14	84.9	1900	1784	1829
4	3	14	85.9	1806	1047	1553
5	1	14	53.1	1472	-	-
6	2	14	75.5	1856	1815	-
7	3	14	93	1820	1651	1639
8	1	14	58.2	1627	-	-
9	1	14	65.7	1523	-	-
10	3	14	86.6	1992	1687	1782
11	1	14	61.4	1280	-	-
12	3	14	94.4	1028	1925	1754
13	2	14	74.4	1180	1082	-
14	2	14	73.8	1563	1129	-
15	3	14	84.3	1462	1798	1323

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_06
Number of Bursts in Trial: 9
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	94.5	1542	1967	1074
2	3	6	85.3	1044	1565	1892
3	3	6	87.7	1591	1012	1283
4	3	6	88.1	1253	1205	1308
5	2	6	68.3	1089	1998	-
6	1	6	50.3	1166	-	-
7	3	6	90.6	1342	1019	1912
8	2	6	77.8	1116	1351	-
9	2	6	81.9	1872	1879	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_07
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	74.6	1243	1288	-
2	2	20	68.1	1263	1058	-
3	1	20	52.6	1745	-	-
4	2	20	81.6	1278	1686	-
5	2	20	68.1	1866	1479	-
6	2	20	72.7	1680	1328	-
7	2	20	73.9	1349	1030	-
8	2	20	79.1	1268	1747	-
9	2	20	74	1672	1802	-
10	3	20	92.6	1658	1091	1339
11	3	20	90.9	1397	1789	1310
12	3	20	94.6	1413	1679	1869
13	1	20	59.5	1156	-	-
14	3	20	92.7	1215	1971	1266
15	3	20	83.7	1626	1762	1979
16	3	20	90	1273	1448	1405
17	3	20	97.5	1385	1615	1865
18	1	20	62.4	1594	-	-
19	1	20	61.4	1666	-	-
20	2	20	81.6	1816	1086	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_08
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	96.9	1083	1695	1528
2	1	10	63.6	1348	-	-
3	1	10	65.1	1039	-	-
4	1	10	52.8	1881	-	-
5	2	10	66.9	1848	1501	-
6	2	10	69.9	1822	1001	-
7	1	10	56	1585	-	-
8	1	10	57	1601	-	-
9	2	10	68.3	1963	1763	-
10	2	10	79.6	1372	1315	-
11	2	10	80.6	1978	1544	-
12	2	10	69.4	1474	1477	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_09
Number of Bursts in Trial: 20
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	98	1340	1628	1688
2	1	20	52.9	1956	-	-
3	1	20	61.2	1926	-	-
4	3	20	85.1	1102	1646	1599
5	2	20	72.8	1846	1786	-
6	1	20	61.4	1780	-	-
7	3	20	90.2	1775	1213	1227
8	3	20	93	1916	1478	1447
9	1	20	62.7	1130	-	-
10	2	20	82.3	1431	1588	-
11	2	20	70.3	1677	1277	-
12	2	20	81.8	1355	1818	-
13	2	20	82.9	1541	1188	-
14	3	20	89.7	1722	1353	1927
15	3	20	85	1064	1577	1720
16	3	20	92.7	1357	1988	1008
17	1	20	54	1286	-	-
18	3	20	98.2	1183	1069	1320
19	2	20	70.8	1159	1088	-
20	3	20	87.9	1231	1609	1319

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_10
Number of Bursts in Trial: 14
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	79.2	1021	1463	-
2	3	12	96.3	1450	1532	1760
3	3	12	85.1	1824	1882	1548
4	1	12	60.9	1761	-	-
5	1	12	53	1498	-	-
6	3	12	99.9	1876	1557	1508
7	1	12	64.6	1746	-	-
8	3	12	98.2	1127	1423	1555
9	2	12	66.7	1494	1461	-
10	2	12	66.9	1316	1516	-
11	1	12	60.8	1862	-	-
12	3	12	94.5	1209	1475	1885
13	1	12	62	1727	-	-
14	2	12	71.5	1525	1648	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_11
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5492.87MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	96.6	1559	1006	1840
2	1	6	56.5	1062	-	-
3	2	6	81.4	1982	1041	-
4	3	6	98.7	1309	1514	1814
5	2	6	67.1	1668	1664	-
6	3	6	86.1	1506	1165	1942
7	2	6	72.2	1051	1038	-
8	2	6	68.4	1299	1819	-
9	2	6	68.9	1032	1901	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_12
 Number of Bursts in Trial: 18
 Chirp Center Frequency: 5497.27MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	17	64.5	1072	-	-
2	3	17	93.3	1023	1369	1783
3	2	17	83.3	1221	1427	-
4	2	17	69.9	1799	1281	-
5	2	17	77.2	1919	1438	-
6	3	17	85	1200	1476	1903
7	1	17	63.3	1451	-	-
8	1	17	53	1705	-	-
9	2	17	70.1	1751	1455	-
10	1	17	58.7	1610	-	-
11	3	17	92.8	1260	1219	1274
12	3	17	90.3	1161	1018	1318
13	1	17	51.7	1145	-	-
14	2	17	67.9	1031	1087	-
15	1	17	50.3	1237	-	-
16	2	17	82	1962	1270	-
17	2	17	72.9	1140	1402	-
18	3	17	96.8	1539	1855	1352

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_13
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5494.07MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	92.1	1313	1169	1703
2	2	9	76.3	1715	1396	-
3	3	9	95.8	1121	1375	1674
4	2	9	71.5	1931	1251	-
5	2	9	75.9	1535	1496	-
6	2	9	69.8	1373	1055	-
7	1	9	61.4	1445	-	-
8	3	9	93.2	1468	1214	1293
9	2	9	78.4	1093	1259	-
10	1	9	61.2	1418	-	-
11	1	9	55.4	1918	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_14
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5495.27MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	81	1358	1131	-
2	3	12	84.8	1045	1558	1924
3	1	12	65.7	1911	-	-
4	1	12	60.7	1228	-	-
5	2	12	77.4	1676	1341	-
6	2	12	70.5	1043	1735	-
7	2	12	67.6	1550	1011	-
8	2	12	69.7	1489	1422	-
9	2	12	80	1307	1758	-
10	3	12	87.5	1771	1700	1490
11	1	12	63.1	1191	-	-
12	1	12	53.3	1053	-	-
13	1	12	63.9	1796	-	-
14	3	12	90.7	1322	1697	1685

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_15
 Number of Bursts in Trial: 8
 Chirp Center Frequency: 5492.87MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	85.7	1367	1126	1275
2	2	6	69.2	1291	1795	-
3	2	6	81.2	1897	1136	-
4	3	6	94.8	1249	1923	1611
5	3	6	88.7	1298	1497	1965
6	2	6	81.1	1606	1537	-
7	1	6	66.6	1772	-	-
8	3	6	94.3	1334	1211	1304

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_16
 Number of Bursts in Trial: 10
 Chirp Center Frequency: 5493.27MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	7	89.4	1470	1993	1598
2	2	7	80.2	1040	1987	-
3	3	7	92.2	1379	1907	1964
4	2	7	73.1	1531	1247	-
5	3	7	93.1	1560	1143	1024
6	2	7	67.4	1975	1095	-
7	1	7	63.4	1094	-	-
8	1	7	58.4	1158	-	-
9	3	7	84	1837	1202	1623
10	1	7	56.5	1921	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_17
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5494.87MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	11	52.1	1125	-	-
2	3	11	97.6	1234	1333	1371
3	3	11	89.1	1790	1575	1241
4	2	11	74	1068	1510	-
5	2	11	77	1583	1828	-
6	2	11	79.6	1389	1049	-
7	2	11	74.4	1701	1642	-
8	3	11	97.4	1719	1880	1122
9	2	11	82.7	1493	1809	-
10	1	11	62.3	1168	-	-
11	3	11	92.9	1059	1730	1106
12	1	11	59.2	1020	-	-
13	2	11	78.9	1694	1338	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_18
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5494.47MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	72.9	1707	1847	-
2	2	10	81.9	1113	1403	-
3	2	10	80.9	1990	1157	-
4	3	10	90.2	1616	1954	1776
5	1	10	50.5	1710	-	-
6	2	10	80.2	1521	1330	-
7	3	10	98.4	1883	1380	1411
8	3	10	89.8	1303	1428	1265
9	2	10	80.2	1076	1734	-
10	3	10	88.9	1633	1504	1433
11	3	10	86.8	1013	1573	1654
12	3	10	95.4	1377	1817	1826

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_19
Number of Bursts in Trial: 19
Chirp Center Frequency: 5498.07MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	85.5	1395	1147	1160
2	2	19	68.5	1748	1507	-
3	1	19	54.3	1884	-	-
4	2	19	77.5	1317	1567	-
5	1	19	50.2	1010	-	-
6	1	19	56.3	1119	-	-
7	2	19	71.5	1488	1630	-
8	1	19	53.4	1804	-	-
9	1	19	56.5	1742	-	-
10	1	19	51.2	1522	-	-
11	1	19	66.3	1659	-	-
12	1	19	51.5	1774	-	-
13	1	19	61.7	1144	-	-
14	3	19	92.3	1728	1512	1002
15	1	19	51.6	2000	-	-
16	2	19	70.4	1653	1292	-
17	3	19	91.4	1296	1149	1453
18	3	19	98.5	1733	1081	1473
19	1	19	54.3	1390	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_20
 Number of Bursts in Trial: 18
 Chirp Center Frequency: 5497.27MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	17	51.3	1294	-	-
2	2	17	80.1	1452	1118	-
3	1	17	51.3	1392	-	-
4	2	17	69.3	1366	1324	-
5	3	17	91.2	1097	1101	1354
6	1	17	62.1	1071	-	-
7	2	17	77.2	1764	1740	-
8	1	17	62.8	1245	-	-
9	2	17	78.3	1845	1500	-
10	3	17	85.7	1117	1632	1404
11	2	17	66.8	1732	1513	-
12	2	17	71.9	1179	1867	-
13	1	17	58.7	1220	-	-
14	1	17	52.3	1549	-	-
15	2	17	78.6	1279	1935	-
16	3	17	91.5	1151	1415	1593
17	1	17	61	1582	-	-
18	2	17	70	1953	1208	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_21
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5503.45MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	15	69.8	1890	1485	-
2	2	15	82.4	1124	1430	-
3	1	15	55.9	1527	-	-
4	2	15	71.3	1264	1950	-
5	1	15	55.7	1206	-	-
6	2	15	72.3	1284	1235	-
7	2	15	71.7	1714	1491	-
8	1	15	65.6	1526	-	-
9	2	15	79.3	1465	1326	-
10	2	15	78.5	1362	1388	-
11	1	15	58.3	1996	-	-
12	2	15	78.5	1889	1163	-
13	2	15	77.9	1376	1429	-
14	3	15	98.5	1669	1952	1898
15	2	15	81.8	1807	1096	-
16	3	15	84.6	1904	1210	1886

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_22
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5506.65MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	7	85.4	1620	1174	1391
2	1	7	65.2	1833	-	-
3	3	7	84.2	1899	1948	1662
4	3	7	99.3	1894	1350	1484
5	1	7	63.2	1029	-	-
6	1	7	65.4	1787	-	-
7	2	7	73.1	1285	1238	-
8	3	7	93.6	1100	1656	1164
9	3	7	93.3	1778	1374	1187

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_23
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5503.85MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	67.8	1643	1932	-
2	3	14	89.8	1467	1199	1863
3	2	14	79.3	1335	1110	-
4	1	14	57.6	1271	-	-
5	3	14	99.3	1622	1801	1844
6	2	14	83.1	1572	1857	-
7	1	14	50.7	1167	-	-
8	3	14	90.7	1566	1600	1066
9	1	14	50.4	1449	-	-
10	2	14	71.5	1416	1111	-
11	1	14	66	1698	-	-
12	3	14	98.4	1446	1634	1000
13	2	14	80	1823	1860	-
14	2	14	74.3	1617	1915	-
15	2	14	79.1	1556	1937	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_24
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5503.45MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	97.7	1949	1439	1839
2	2	15	75.5	1331	1690	-
3	2	15	82.9	1726	1604	-
4	3	15	98.7	1524	1016	1976
5	1	15	54.4	1749	-	-
6	3	15	99.8	1036	1922	1177
7	1	15	57.7	1240	-	-
8	2	15	68.4	1629	1538	-
9	3	15	90.2	1709	1960	1077
10	2	15	74.1	1930	1256	-
11	2	15	66.9	1364	1849	-
12	1	15	63.3	1425	-	-
13	1	15	57.3	1184	-	-
14	1	15	61.7	1718	-	-
15	1	15	56.8	1791	-	-
16	1	15	54.4	1803	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_25
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5503.45MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	15	59.3	1518	-	-
2	1	15	62.4	1135	-	-
3	2	15	78.1	1305	1961	-
4	3	15	88	1503	1665	1073
5	2	15	82.5	1813	1170	-
6	3	15	92.4	1968	1655	1204
7	1	15	58	1691	-	-
8	2	15	80	1981	1137	-
9	3	15	95.4	1545	1636	1877
10	1	15	57.6	1383	-	-
11	3	15	87.9	1984	1838	1276
12	2	15	77.5	1505	1297	-
13	2	15	76.9	1105	1933	-
14	1	15	65.8	1460	-	-
15	3	15	86.2	1203	1232	1384
16	1	15	55.3	1543	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_26
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5505.85MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	90.9	1192	1631	1536
2	1	9	55.1	1515	-	-
3	1	9	51.6	1917	-	-
4	3	9	87.7	1193	1290	1712
5	2	9	82.5	1065	1173	-
6	2	9	74.4	1300	1938	-
7	3	9	89.1	1236	1155	1314
8	3	9	93.5	1842	1412	1997
9	1	9	60.1	1441	-	-
10	2	9	71.3	1546	1267	-
11	3	9	89.2	1269	1765	1162

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_27
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5505.45MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	83.5	1486	1252	1635
2	2	10	82.3	1947	1138	-
3	2	10	69.8	1811	1482	-
4	3	10	93.4	1972	1756	1436
5	2	10	78.9	1230	1721	-
6	3	10	93.6	1133	1739	1596
7	2	10	67.1	1042	1781	-
8	1	10	56.6	1197	-	-
9	3	10	86	1517	1547	1257
10	1	10	51.9	1678	-	-
11	3	10	86.4	1481	1262	1217
12	3	10	96.6	1569	1834	1459

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_28
 Number of Bursts in Trial: 17
 Chirp Center Frequency: 5503.05MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	55.2	1084	-	-
2	2	16	67.5	1255	1940	-
3	1	16	52.8	1821	-	-
4	1	16	53.3	1711	-	-
5	3	16	96.8	1520	1552	1891
6	1	16	61.9	1986	-	-
7	2	16	80.2	1805	1250	-
8	3	16	91.6	1773	1394	1426
9	2	16	74.4	1345	1830	-
10	3	16	88	1768	1692	1793
11	1	16	61.6	1424	-	-
12	2	16	72.4	1980	1859	-
13	1	16	52.1	1716	-	-
14	1	16	60.1	1675	-	-
15	2	16	69.2	1109	1246	-
16	2	16	71.9	1437	1295	-
17	3	16	85	1321	1725	1529

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_29
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5504.65MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	73.3	1590	1037	-
2	3	12	84.6	1991	1562	1409
3	2	12	77.9	1224	1995	-
4	1	12	61.1	1365	-	-
5	1	12	53.1	1576	-	-
6	2	12	74.6	1704	1078	-
7	3	12	97.8	1181	1928	1233
8	2	12	75.6	1434	1469	-
9	1	12	64.2	1216	-	-
10	1	12	58.9	1649	-	-
11	3	12	84	1831	1115	1835
12	1	12	59.7	1368	-	-
13	1	12	59.1	1808	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_30
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5504.65MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	50.2	1724	-	-
2	1	12	53.4	1652	-	-
3	1	12	54.5	1843	-	-
4	1	12	58.6	1797	-	-
5	3	12	96.4	1864	1731	1152
6	2	12	70.2	1945	1825	-
7	2	12	79.6	1564	1061	-
8	2	12	71.1	1454	1015	-
9	3	12	92.3	1099	1788	1401
10	2	12	81.6	1785	1681	-
11	2	12	79.9	1832	1723	-
12	2	12	79.8	1902	1311	-
13	1	12	64.8	1871	-	-
14	3	12	95.5	1534	1989	1914

802.11ax (HE40) 5510MHz

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_01
 Number of Bursts in Trial: 18
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	92	1861	1336	1404
2	1	18	54.8	1221	-	-
3	2	18	67.6	1852	1245	-
4	2	18	76.6	1463	1782	-
5	1	18	60.5	1007	-	-
6	2	18	75	1614	1139	-
7	3	18	83.7	1397	1131	1808
8	2	18	80.8	1541	1670	-
9	2	18	73.7	1505	1672	-
10	1	18	55.3	1317	-	-
11	2	18	67.2	1136	1163	-
12	2	18	70.9	1175	1751	-
13	1	18	54.9	1309	-	-
14	2	18	75.1	1805	1990	-
15	2	18	70	1343	1849	-
16	1	18	64	1803	-	-
17	1	18	60.9	1127	-	-
18	2	18	68	1233	1677	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_02
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	59.7	1687	-	-
2	2	6	75.3	1365	1518	-
3	1	6	53.2	1160	-	-
4	3	6	85.7	1921	1318	1205
5	1	6	61.3	1120	-	-
6	1	6	65.3	1455	-	-
7	3	6	99.1	1333	1167	1776
8	1	6	51.9	1226	-	-
9	1	6	56.1	1725	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_03
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	64.8	1539	-	-
2	3	10	87.3	1823	1695	1369
3	3	10	88.2	1904	1422	1676
4	2	10	81.9	1720	1686	-
5	2	10	77.3	1840	1095	-
6	1	10	51.9	1671	-	-
7	1	10	62.2	1864	-	-
8	2	10	67.3	1616	1232	-
9	1	10	62.6	1133	-	-
10	1	10	56	1634	-	-
11	3	10	93.9	1717	1712	1019
12	3	10	94.8	1290	1381	1440

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_04
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	13	53.3	1197	-	-
2	1	13	56.1	1683	-	-
3	2	13	81	1083	1008	-
4	3	13	83.7	1228	1387	1579
5	2	13	75.7	1057	1026	-
6	2	13	68.1	1108	1760	-
7	3	13	90	1331	1255	1264
8	1	13	61.8	1647	-	-
9	2	13	80.2	1834	1575	-
10	1	13	55.6	1826	-	-
11	2	13	78.8	1649	1471	-
12	1	13	66	1092	-	-
13	1	13	50.2	1354	-	-
14	2	13	72.6	1287	1142	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_05
 Number of Bursts in Trial: 10
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	8	54.6	1713	-	-
2	1	8	51.5	1516	-	-
3	1	8	56.2	1959	-	-
4	3	8	93.5	1249	1946	1182
5	1	8	52.3	1437	-	-
6	2	8	77.5	1225	1246	-
7	1	8	58.5	1890	-	-
8	2	8	68.9	1678	1612	-
9	2	8	68.9	1963	1599	-
10	3	8	93.6	1098	1590	1124

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_06
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	85.6	1375	1556	1462
2	2	13	73.4	1701	1374	-
3	3	13	89.9	1711	1059	1927
4	2	13	69	1793	1630	-
5	3	13	92.8	1981	1844	1984
6	1	13	57.8	1976	-	-
7	1	13	57.3	1086	-	-
8	1	13	57.9	1316	-	-
9	2	13	67	1561	1810	-
10	2	13	73.3	1586	1417	-
11	1	13	56.4	1831	-	-
12	2	13	69.2	1896	1283	-
13	2	13	72.3	1018	1010	-
14	1	13	51.9	1156	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_07
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	85.7	1965	1116	1746
2	3	15	97.3	1626	1504	1230
3	1	15	59.1	1914	-	-
4	3	15	90.2	1841	1068	1838
5	2	15	76	1636	1391	-
6	1	15	59.2	1060	-	-
7	1	15	58.4	1499	-	-
8	2	15	72.2	1159	1704	-
9	2	15	81.7	1779	1540	-
10	1	15	54.7	1029	-	-
11	3	15	97.3	1291	1257	1962
12	1	15	60.7	1799	-	-
13	1	15	61	1662	-	-
14	2	15	69.1	1432	1364	-
15	1	15	53.7	1555	-	-
16	1	15	66.3	1096	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_08
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	86.2	1062	1236	1886
2	3	14	84.5	1608	1340	1754
3	3	14	87.2	1315	1247	1425
4	3	14	87.5	1501	1978	1270
5	3	14	98.2	1952	1398	1693
6	1	14	52.2	1087	-	-
7	2	14	78.2	1037	1104	-
8	2	14	71	1454	1439	-
9	2	14	69.1	1578	1781	-
10	2	14	72.3	1708	1500	-
11	3	14	98.3	1523	1368	1325
12	2	14	70.9	1474	1491	-
13	3	14	99	1155	1176	1893
14	2	14	76.9	1407	1642	-
15	1	14	66.2	1532	-	-
16	3	14	85.5	1115	1783	1020

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_09
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	79.2	1307	1564	-
2	1	12	54.3	1106	-	-
3	1	12	57.8	1395	-	-
4	1	12	55	1067	-	-
5	2	12	68.4	1513	1101	-
6	2	12	68.4	1912	1739	-
7	3	12	93	1710	1431	1272
8	1	12	59.6	1093	-	-
9	3	12	85.1	1231	1200	1353
10	1	12	63.3	1367	-	-
11	3	12	91.7	1757	1032	1412
12	3	12	85.2	1441	1791	1164
13	2	12	71.8	1146	1552	-
14	2	12	82.1	1699	1065	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_10
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	96.9	1909	1251	1393
2	3	6	88.2	1569	1446	1212
3	1	6	54.1	1262	-	-
4	1	6	50.6	1859	-	-
5	3	6	87.2	1932	1320	1390
6	2	6	72	1134	1473	-
7	2	6	82	1447	2000	-
8	3	6	84.8	1874	1224	1429
9	1	6	53.7	1442	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_11
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5494.91MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	83.4	1015	1669	1813
2	2	10	69	1241	1897	-
3	3	10	88.1	1123	1570	1664
4	2	10	71	1502	1770	-
5	1	10	53.6	1036	-	-
6	1	10	60.9	1003	-	-
7	3	10	87.6	1276	1459	1038
8	2	10	73.2	1958	1902	-
9	1	10	54.8	1191	-	-
10	3	10	88.5	1211	1047	1796
11	1	10	61.7	1644	-	-
12	2	10	81.5	1531	1344	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_12
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5495.31MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	11	56.6	1166	-	-
2	1	11	61.3	1527	-	-
3	3	11	98.8	1581	1625	1192
4	3	11	98	1837	1835	1328
5	2	11	67.7	1551	1089	-
6	3	11	91.6	1947	1448	1430
7	2	11	77.6	1147	1607	-
8	1	11	52.3	1450	-	-
9	3	11	84.8	1213	1169	1577
10	1	11	60.5	1410	-	-
11	3	11	93.1	1759	1594	1622
12	3	11	99.3	1366	1498	1189
13	3	11	87	1666	1064	1877

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_13
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5493.31MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	6	75.5	1351	1183	-
2	1	6	60.1	1765	-	-
3	2	6	66.7	1497	1653	-
4	3	6	98.3	1773	1356	1206
5	3	6	89.7	1611	1004	1113
6	3	6	94.3	1121	1435	1360
7	1	6	53.4	1215	-	-
8	3	6	94.5	1565	1731	1438
9	1	6	50.5	1187	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_14
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5496.11MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	13	74.4	1721	1603	-
2	3	13	86	1194	1875	1479
3	2	13	80.3	1480	1258	-
4	3	13	97.4	1348	1125	1370
5	3	13	89.3	1815	1968	1384
6	3	13	98.7	1545	1872	1185
7	3	13	97.5	1884	1470	1152
8	3	13	90.2	1998	1780	1044
9	3	13	86.9	1299	1900	1243
10	3	13	96.7	1198	1070	1888
11	1	13	60	1265	-	-
12	1	13	50.5	1918	-	-
13	3	13	90.2	1472	1851	1585
14	2	13	76.8	1170	1651	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_15
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5495.31MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	11	55.4	1658	-	-
2	1	11	52.7	1706	-	-
3	2	11	69.5	1389	1566	-
4	2	11	80.4	1484	1733	-
5	1	11	54.3	1434	-	-
6	2	11	82.4	1304	1244	-
7	2	11	68.9	1324	1719	-
8	2	11	72.9	1382	1486	-
9	2	11	76	1882	1600	-
10	3	11	88.9	1802	1660	1800
11	3	11	84	1682	1696	1458
12	2	11	78.2	1572	1489	-
13	1	11	50.8	1661	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_16
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5494.51MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	70.9	1461	1700	-
2	2	9	75	1401	1495	-
3	1	9	65.1	1936	-	-
4	3	9	94.3	1467	1657	1385
5	1	9	58.3	1099	-	-
6	3	9	87.1	1452	1090	1319
7	1	9	56	1971	-	-
8	3	9	87	1372	1222	1997
9	1	9	62.7	1453	-	-
10	2	9	67.7	1923	1153	-
11	2	9	70.3	1804	1845	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_17
 Number of Bursts in Trial: 10
 Chirp Center Frequency: 5494.11MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	8	52.2	1944	-	-
2	2	8	78.9	1234	1596	-
3	1	8	54.9	1119	-	-
4	3	8	94.7	1143	1297	1689
5	2	8	73.6	1576	1606	-
6	3	8	96.4	1601	1478	1406
7	3	8	89.2	1042	1405	1162
8	3	8	86.5	1597	1836	1118
9	3	8	85.3	1180	1858	1628
10	2	8	83.3	1919	1580	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_18
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5494.91MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	61.2	1482	-	-
2	3	10	95.6	1178	1916	1266
3	2	10	70.2	1591	1427	-
4	1	10	63.8	1420	-	-
5	3	10	99.1	1934	1081	1202
6	1	10	62	1444	-	-
7	2	10	81.7	1526	1632	-
8	1	10	51.5	1915	-	-
9	1	10	60	1141	-	-
10	3	10	91.4	1110	1001	1052
11	1	10	63.3	1012	-	-
12	1	10	61.1	1300	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_19
 Number of Bursts in Trial: 10
 Chirp Center Frequency: 5494.11MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	97.9	1339	1817	1667
2	2	8	76.6	1961	1953	-
3	1	8	65.1	1457	-	-
4	2	8	71.8	1756	1386	-
5	1	8	52.4	1028	-	-
6	1	8	51.7	1379	-	-
7	1	8	63.5	1184	-	-
8	3	8	84.2	1190	1970	1254
9	3	8	89.9	1259	1112	1371
10	3	8	92.7	1408	1002	1151

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_20
 Number of Bursts in Trial: 14
 Chirp Center Frequency: 5496.11MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	85.1	1496	1985	1865
2	3	13	99.3	1926	1520	1820
3	2	13	78.2	1218	1648	-
4	2	13	75.5	1640	1726	-
5	2	13	77.5	1975	1928	-
6	2	13	74.2	1656	1433	-
7	3	13	99.3	1878	1827	1013
8	2	13	79.7	1237	1358	-
9	3	13	99.8	1494	1605	1892
10	3	13	97.6	1298	1399	1910
11	3	13	92.9	1464	1752	1049
12	2	13	67.5	1788	1798	-
13	1	13	59.6	1252	-	-
14	2	13	79.5	1326	1993	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_21
 Number of Bursts in Trial: 8
 Chirp Center Frequency: 5526.56MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	94.9	1103	1941	1707
2	2	6	80.4	1035	1930	-
3	1	6	59.2	1665	-	-
4	2	6	75	1778	1414	-
5	2	6	74.4	1787	1033	-
6	3	6	85.5	1126	1144	1945
7	1	6	52.7	1582	-	-
8	2	6	76.3	1279	1413	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_22
 Number of Bursts in Trial: 17
 Chirp Center Frequency: 5522.56MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	56.9	1515	-	-
2	3	16	91.1	1460	1645	1954
3	2	16	81.1	1027	1705	-
4	2	16	78.3	1967	1737	-
5	2	16	79.6	1530	1908	-
6	1	16	51.8	1392	-	-
7	3	16	93.9	1690	1816	1267
8	3	16	87.5	1423	1758	1857
9	2	16	72.9	1623	1768	-
10	1	16	51.1	1522	-	-
11	3	16	93.5	1809	1031	1174
12	2	16	68.5	1149	1383	-
13	1	16	60.5	1867	-	-
14	2	16	71	1617	1903	-
15	3	16	85.7	1987	1807	1506
16	2	16	73.6	1069	1742	-
17	3	16	84.5	1186	1097	1753

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_23
 Number of Bursts in Trial: 10
 Chirp Center Frequency: 5525.76MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	8	57.4	1268	-	-
2	1	8	52.3	1310	-	-
3	2	8	80.3	1524	1428	-
4	3	8	91.7	1880	1388	1869
5	1	8	65.8	1350	-	-
6	2	8	68.2	1207	1519	-
7	2	8	80.3	1330	1548	-
8	2	8	66.9	1560	1675	-
9	3	8	85.7	1051	1148	1288
10	2	8	76.9	1922	1832	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_24
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5525.36MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	72	1692	1161	-
2	3	9	92.6	1956	1122	1078
3	3	9	88.6	1248	1830	1525
4	1	9	59.7	1066	-	-
5	1	9	54.4	1311	-	-
6	3	9	90	1901	1449	1046
7	1	9	58.7	1154	-	-
8	3	9	92.3	1863	1342	1724
9	3	9	87.1	1538	1983	1400
10	3	9	94.4	1195	1824	1574
11	3	9	99.2	1637	1931	1992

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_25
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5520.96MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	94.7	1177	1359	1619
2	3	20	97.4	1376	1627	1785
3	3	20	85.8	1848	1613	1615
4	1	20	62.2	1308	-	-
5	2	20	74.7	1543	1917	-
6	3	20	91.8	1920	1355	1011
7	2	20	74.1	1295	1209	-
8	3	20	91.1	1906	1048	1082
9	2	20	69	1193	1715	-
10	2	20	73.9	1979	1292	-
11	3	20	94.8	1076	1021	1964
12	3	20	85.6	1684	1240	1856
13	3	20	90.5	1948	1969	1109
14	2	20	67	1219	1895	-
15	2	20	83.2	1378	1173	-
16	2	20	72.4	1550	1905	-
17	3	20	84.6	1227	1736	1284
18	3	20	91.2	1950	1415	1220
19	2	20	72.9	1639	1128	-
20	1	20	50.8	1913	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_26
 Number of Bursts in Trial: 8
 Chirp Center Frequency: 5526.96MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	61.4	1023	-	-
2	3	5	93.9	1054	1559	1974
3	2	5	74.9	1000	1451	-
4	2	5	71.8	1991	1514	-
5	3	5	95	1819	1306	1294
6	3	5	84.4	1436	1100	1681
7	3	5	91.4	1727	1999	1302
8	3	5	89.1	1860	1534	1130

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_27
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5526.56MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	6	78.6	1939	1833	-
2	1	6	51.7	1466	-	-
3	2	6	78.7	1285	1261	-
4	3	6	98.6	1655	1137	1812
5	2	6	79.3	1598	1735	-
6	3	6	85.4	1488	1217	1762
7	1	6	62.7	1703	-	-
8	1	6	54.9	1014	-	-
9	3	6	94.5	1508	1280	1041

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_28
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5525.36MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	79.5	1256	1749	-
2	3	9	91.1	1966	1477	1635
3	2	9	76.5	1772	1363	-
4	1	9	56.2	1204	-	-
5	2	9	75.8	1609	1199	-
6	2	9	66.7	1416	1380	-
7	1	9	53	1868	-	-
8	2	9	77.3	1274	1994	-
9	1	9	56.9	1253	-	-
10	3	9	98.1	1643	1995	1239
11	3	9	92.7	1072	1313	1588

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_29
 Number of Bursts in Trial: 17
 Chirp Center Frequency: 5522.56MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	71.3	1080	1536	-
2	2	16	67.5	1621	1734	-
3	2	16	74.1	1679	1512	-
4	1	16	51.1	1771	-	-
5	1	16	64.2	1006	-	-
6	3	16	93.5	1216	1866	1238
7	3	16	87.8	1314	1774	1196
8	1	16	50.8	1553	-	-
9	2	16	72.4	1327	1403	-
10	1	16	63.9	1483	-	-
11	2	16	67.3	1789	1542	-
12	3	16	90.4	1546	1942	1050
13	1	16	50.3	1521	-	-
14	3	16	85.1	1084	1879	1475
15	1	16	62.5	1332	-	-
16	2	16	67.2	1305	1573	-
17	3	16	95.2	1567	1638	1445

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_30
 Number of Bursts in Trial: 17
 Chirp Center Frequency: 5522.16MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	96.2	1077	1424	1811
2	1	17	56.2	1624	-	-
3	1	17	55.1	1024	-	-
4	1	17	54.3	1347	-	-
5	2	17	78.2	1056	1242	-
6	2	17	77.9	1943	1843	-
7	1	17	55.1	1743	-	-
8	1	17	50	1025	-	-
9	3	17	96.5	1862	1129	1631
10	3	17	94.7	1891	1562	1747
11	3	17	85.7	1761	1698	1476
12	2	17	77.2	1691	1714	-
13	2	17	71.9	1409	1602	-
14	3	17	94.6	1654	1117	1870
15	3	17	88	1362	1871	1881
16	3	17	86.3	1507	1210	1853
17	3	17	98.7	1806	1188	1795

802.11ax (HE80) 5530MHz

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_01
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	53.9	1843	-	-
2	2	6	76.9	1553	1668	-
3	3	6	85.7	1090	1717	1602
4	1	6	62.1	1495	-	-
5	2	6	81.9	1856	1815	-
6	2	6	78.3	1325	1383	-
7	3	6	98.7	1569	1823	1570
8	1	6	54.2	1450	-	-
9	3	6	98.7	1560	1972	1336

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_02
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	13	78.7	1001	1526	-
2	2	13	71.4	1208	1707	-
3	3	13	99.3	1331	1434	1691
4	2	13	78.4	1786	1438	-
5	3	13	92.2	1837	1023	1384
6	1	13	62.1	1910	-	-
7	2	13	82.7	1539	1589	-
8	2	13	72.3	1727	1656	-
9	2	13	69	1494	1098	-
10	1	13	54.1	1231	-	-
11	2	13	68	1518	1253	-
12	3	13	97.5	1146	1004	1945
13	2	13	80.6	1523	1806	-
14	1	13	53.8	1401	-	-
15	3	13	96.6	1690	1379	1238

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_03
 Number of Bursts in Trial: 17
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	90.5	1814	1531	1644
2	2	16	77.4	1883	1410	-
3	1	16	58.7	1277	-	-
4	1	16	52.9	1389	-	-
5	2	16	67.8	1222	1487	-
6	3	16	98.8	1654	1933	1164
7	1	16	65.3	1660	-	-
8	2	16	67.1	1084	1684	-
9	1	16	65.9	1417	-	-
10	1	16	56.2	1846	-	-
11	3	16	99.4	1982	1096	1167
12	1	16	55.6	1958	-	-
13	2	16	82.1	1462	1994	-
14	3	16	95.6	1820	1380	1204
15	2	16	66.8	1764	1061	-
16	3	16	98.8	1630	1290	1349
17	1	16	62.1	1312	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_04
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	95.3	1852	1464	1855
2	1	8	63.6	1519	-	-
3	2	8	79.7	1911	1179	-
4	1	8	64.1	1703	-	-
5	2	8	80.1	1267	1525	-
6	2	8	79.8	1866	1579	-
7	2	8	81.3	1587	1089	-
8	1	8	65	1741	-	-
9	2	8	74.8	1922	1514	-
10	3	8	97	1106	1962	1674
11	3	8	99.6	1594	1465	1282

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_05
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	86.4	1352	1826	1882
2	1	15	64.3	1030	-	-
3	1	15	57	1073	-	-
4	2	15	73.4	1627	1414	-
5	2	15	73.1	1859	1364	-
6	3	15	89.2	1105	1810	1875
7	2	15	71.6	1831	1151	-
8	1	15	54.4	1188	-	-
9	2	15	69.6	1803	1648	-
10	3	15	95.8	1902	1686	1851
11	3	15	86.5	1415	1486	1165
12	3	15	99.9	1894	1537	1250
13	1	15	63.4	1957	-	-
14	1	15	54.3	1670	-	-
15	2	15	83.3	1871	1757	-
16	2	15	72.1	1100	1112	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_06
Number of Bursts in Trial: 15
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	92.9	1948	1402	1642
2	1	14	56.5	1007	-	-
3	1	14	50.5	1215	-	-
4	2	14	76.7	1752	1237	-
5	1	14	52.2	1300	-	-
6	1	14	55.4	1938	-	-
7	1	14	55.8	1025	-	-
8	1	14	52.2	1873	-	-
9	2	14	66.9	1199	1565	-
10	2	14	74.2	1503	1124	-
11	2	14	82.4	1340	1391	-
12	1	14	60.4	1791	-	-
13	3	14	97.7	1377	1459	1442
14	2	14	77.4	1748	1333	-
15	3	14	87.9	1005	1493	1763

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_07
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	93.1	1262	1205	1159
2	1	20	51.8	1271	-	-
3	1	20	65.7	1513	-	-
4	2	20	80.8	1575	1095	-
5	1	20	51.6	1453	-	-
6	3	20	99.3	1736	1181	1963
7	2	20	76	1567	1000	-
8	2	20	82.6	1898	1251	-
9	3	20	93	1558	1974	1611
10	2	20	74	1445	1608	-
11	1	20	62.3	1011	-	-
12	2	20	79.1	1841	1265	-
13	1	20	66.4	1158	-	-
14	1	20	58.8	1722	-	-
15	1	20	63.8	1672	-	-
16	1	20	66.3	1232	-	-
17	1	20	59.8	1693	-	-
18	3	20	96.8	1792	1929	1256
19	1	20	57.7	1868	-	-
20	3	20	88.5	1472	1930	1305

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_08
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	58.5	1529	-	-
2	2	6	74.2	1661	1926	-
3	2	6	70.3	1789	1683	-
4	3	6	97.4	1807	1063	1799
5	2	6	80.9	1750	1777	-
6	1	6	58.5	1723	-	-
7	1	6	54.8	1774	-	-
8	1	6	56.4	1152	-	-
9	3	6	99	1819	1599	1847

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_09
Number of Bursts in Trial: 20
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	20	56.7	1643	-	-
2	1	20	61.2	1685	-	-
3	1	20	56.8	1248	-	-
4	3	20	92.3	1530	1733	1317
5	1	20	57.9	1951	-	-
6	3	20	93.4	1270	1700	1893
7	3	20	98.1	1999	1781	1485
8	3	20	97.7	1203	1002	1780
9	2	20	73.6	1583	1287	-
10	2	20	81.7	1202	1701	-
11	2	20	72.8	1021	1225	-
12	2	20	66.9	1897	1172	-
13	2	20	74	1640	1110	-
14	1	20	57.5	1659	-	-
15	1	20	52.7	1274	-	-
16	3	20	89.9	1498	1310	1131
17	2	20	76.4	1193	1795	-
18	3	20	89.4	1840	1413	1360
19	3	20	93.4	1425	1715	1769
20	1	20	53.1	1971	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_10
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	14	57.8	1147	-	-
2	2	14	72.6	1491	1329	-
3	1	14	63.6	1298	-	-
4	3	14	89.9	1850	1320	1313
5	3	14	88.9	1651	1046	1509
6	2	14	79.4	1508	1422	-
7	2	14	68.8	1440	1351	-
8	2	14	81.6	1060	1034	-
9	2	14	68.4	1009	1952	-
10	3	14	99.9	1385	1428	1586
11	3	14	93.2	1581	1209	1942
12	3	14	94.5	1423	1988	1507
13	2	14	69.6	1273	1845	-
14	3	14	83.6	1062	1207	1771
15	3	14	86.3	1264	1143	1624

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_11
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5495.22MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	11	62.7	1940	-	-
2	1	11	55.5	1373	-	-
3	3	11	86.9	1400	1628	1019
4	1	11	58.5	1015	-	-
5	1	11	65.4	1316	-	-
6	1	11	65.8	1745	-	-
7	2	11	68.7	1879	1641	-
8	3	11	86.3	1724	1016	1236
9	1	11	65.1	1255	-	-
10	3	11	84.9	1252	1761	1371
11	2	11	71.6	1804	1285	-
12	3	11	84.5	1696	1896	1838
13	1	11	66.6	1542	-	-

Long Pulse Radar Test Signal

Test Signal Name: LP_SIGNAL_12

Number of Bursts in Trial: 20

Chirp Center Frequency: 5498.82MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	67.5	1361	1749	-
2	1	20	57.5	1490	-	-
3	1	20	54.5	1210	-	-
4	2	20	69.1	1353	1065	-
5	1	20	61.4	1829	-	-
6	1	20	53.2	1631	-	-
7	3	20	91.1	1909	1622	1688
8	3	20	84.1	1556	1931	1350
9	3	20	97.6	1732	1049	1176
10	2	20	67	1805	1784	-
11	1	20	53.3	1844	-	-
12	2	20	78.5	1878	1941	-
13	2	20	74.6	1408	1559	-
14	1	20	66.4	1108	-	-
15	2	20	79.2	1228	1808	-
16	2	20	73.7	1918	1040	-
17	3	20	88.5	1334	1137	1309
18	2	20	78.4	1058	1953	-
19	3	20	97.4	1219	1263	1540
20	3	20	90.4	1905	1304	1891

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_13
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5496.42MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	71.3	1768	1620	-
2	3	14	90	1991	1097	1031
3	3	14	84.3	1114	1013	1276
4	3	14	89.5	1148	1625	1042
5	2	14	80.9	1242	1234	-
6	2	14	78	1032	1076	-
7	3	14	87.4	1489	1121	1979
8	3	14	89.2	1411	1221	1357
9	3	14	86.4	1614	1239	1964
10	3	14	98.5	1120	1045	1220
11	1	14	55	1033	-	-
12	2	14	67.3	1163	1430	-
13	3	14	94.9	1180	1824	1047
14	1	14	52.2	1900	-	-
15	1	14	64	1460	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_14
 Number of Bursts in Trial: 18
 Chirp Center Frequency: 5498.02MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	18	60.9	1418	-	-
2	3	18	95.4	1895	1330	1793
3	2	18	74	1754	1323	-
4	2	18	83.1	1444	1506	-
5	1	18	66.3	1877	-	-
6	3	18	92.6	1839	1544	1751
7	1	18	52.1	1816	-	-
8	1	18	65.1	1917	-	-
9	3	18	88.5	1241	1758	1315
10	3	18	83.5	1623	1969	1538
11	2	18	80	1224	1580	-
12	3	18	90.9	1725	1658	1372
13	3	18	99.4	1269	1564	1973
14	3	18	89.5	1314	1916	1711
15	1	18	62.5	1573	-	-
16	2	18	76.7	1574	1731	-
17	1	18	56.5	1716	-	-
18	2	18	74.2	1469	1734	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_15
 Number of Bursts in Trial: 11
 Chirp Center Frequency: 5494.02MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	94.2	1861	1662	1550
2	3	8	95.3	1367	1244	1093
3	2	8	77.6	1697	1578	-
4	2	8	73.2	1038	1704	-
5	1	8	65	1908	-	-
6	3	8	88.3	1070	1610	1981
7	3	8	83.4	1864	1788	1286
8	1	8	65.9	1053	-	-
9	1	8	51.8	1322	-	-
10	3	8	97.8	1129	1949	1618
11	3	8	99.2	1141	1996	1997

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_16
 Number of Bursts in Trial: 16
 Chirp Center Frequency: 5496.82MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	15	62	1880	-	-
2	3	15	86	1133	1136	1399
3	3	15	83.6	1196	1600	1201
4	2	15	72.3	1484	1054	-
5	1	15	52.4	1778	-	-
6	2	15	68.2	1258	1052	-
7	2	15	78.3	1431	1397	-
8	1	15	64.4	1961	-	-
9	3	15	95.3	1454	1676	1616
10	2	15	81.1	1471	1192	-
11	3	15	97.8	1767	1652	1461
12	2	15	69.2	1126	1742	-
13	2	15	74.9	1987	1407	-
14	3	15	95.9	1387	1737	1562
15	1	15	56	1102	-	-
16	1	15	50.8	1947	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_17
 Number of Bursts in Trial: 13
 Chirp Center Frequency: 5495.62MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	12	87.2	1775	1637	1111
2	3	12	88.1	1985	1449	1326
3	3	12	99.7	1719	1666	1657
4	2	12	73.8	1406	1227	-
5	2	12	71.8	1800	1119	-
6	3	12	98.5	1521	1059	1257
7	3	12	93.2	1710	1099	1343
8	1	12	50.7	1629	-	-
9	1	12	56.9	1821	-	-
10	3	12	86.5	1606	1139	1884
11	3	12	87.8	1946	1477	1904
12	2	12	80.3	1566	1324	-
13	3	12	85.8	1156	1128	1582

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_18
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5495.22MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	99.7	1067	1134	1919
2	1	11	50.4	1022	-	-
3	3	11	90.8	1026	1044	1500
4	1	11	54.3	1740	-	-
5	1	11	66	1639	-	-
6	2	11	76.5	1341	1726	-
7	3	11	97.5	1072	1832	1812
8	3	11	96.4	1346	1718	1050
9	2	11	68.5	1813	1480	-
10	3	11	96.9	1153	1008	1451
11	2	11	71.2	1439	1378	-
12	3	11	84.2	1977	1729	1532

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_19
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5493.22MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	62.2	1479	-	-
2	1	6	61.2	1597	-	-
3	3	6	93.2	1278	1944	1664
4	3	6	96.4	1598	1254	1229
5	2	6	76.1	1233	1113	-
6	1	6	52.7	1746	-	-
7	2	6	77.4	1568	1348	-
8	1	6	59	1223	-	-
9	3	6	87.4	1928	1937	1214

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_20
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5494.82MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	96.3	1520	1936	1885
2	2	10	77.8	1082	1039	-
3	1	10	52.1	1184	-	-
4	2	10	74	1375	1753	-
5	2	10	77.3	1296	1321	-
6	1	10	63.5	1426	-	-
7	3	10	92.9	1029	1932	1194
8	2	10	82.9	1770	1335	-
9	1	10	65.4	1548	-	-
10	1	10	66	1901	-	-
11	2	10	80.5	1382	1915	-
12	3	10	98	1955	1980	1370

Long Pulse Radar Test Signal

Test Signal Name: LP_SIGNAL_21

Number of Bursts in Trial: 20

Chirp Center Frequency: 5561.06MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	78.6	1796	1593	-
2	3	20	95.7	1601	1198	1217
3	2	20	80.7	1051	1633	-
4	1	20	57	1609	-	-
5	1	20	64.8	1655	-	-
6	1	20	58.8	1511	-	-
7	2	20	69.3	1645	1869	-
8	1	20	58.5	1249	-	-
9	1	20	54.5	1621	-	-
10	2	20	68.6	1302	1416	-
11	3	20	91.2	1437	1394	1466
12	2	20	78.4	1603	1721	-
13	3	20	89.6	1496	1104	1347
14	1	20	59.6	1617	-	-
15	3	20	87.3	1966	1552	1970
16	3	20	100	1432	1366	1802
17	1	20	54.4	1470	-	-
18	2	20	80.9	1281	1420	-
19	3	20	83.8	1359	1327	1481
20	1	20	60.3	1457	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_22
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5563.46MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	71.3	1017	1344	-
2	3	14	98.5	1037	1171	1355
3	1	14	53.4	1547	-	-
4	2	14	72.6	1197	1607	-
5	3	14	88.6	1794	1175	1892
6	2	14	80.4	1595	1694	-
7	3	14	88.7	1014	1773	1433
8	1	14	63	1499	-	-
9	1	14	54.5	1027	-	-
10	1	14	63.5	1405	-	-
11	1	14	53	1299	-	-
12	2	14	80.9	1056	1303	-
13	3	14	90.8	1743	1115	1517
14	3	14	86.3	1259	1649	1663
15	3	14	83.6	1533	1699	1332

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_23
 Number of Bursts in Trial: 9
 Chirp Center Frequency: 5566.66MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	65.6	1886	-	-
2	1	6	62.5	1279	-	-
3	3	6	89.3	1140	1474	1283
4	1	6	61.2	1571	-	-
5	3	6	93.9	1081	1834	1240
6	1	6	58	1890	-	-
7	1	6	50.4	1702	-	-
8	2	6	82.9	1638	1635	-
9	2	6	77.6	1354	1669	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_24
Number of Bursts in Trial: 20
Chirp Center Frequency: 5561.46MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	86.6	1543	1083	1888
2	2	19	73.8	1246	1342	-
3	3	19	84.4	1956	1920	1122
4	2	19	67.7	1376	1182	-
5	2	19	76.2	1925	1667	-
6	3	19	93	1291	1555	1189
7	2	19	78.4	1012	1546	-
8	3	19	84.6	1369	1132	1766
9	2	19	82.3	1943	1455	-
10	2	19	70.1	1160	1103	-
11	2	19	76.7	1458	1720	-
12	2	19	80.2	1363	1671	-
13	3	19	92.3	1673	1288	2000
14	1	19	58	1835	-	-
15	2	19	68.5	1572	1135	-
16	3	19	84.5	1091	1272	1035
17	2	19	70.2	1289	1028	-
18	1	19	56.2	1130	-	-
19	1	19	53.9	1881	-	-
20	3	19	91	1678	1782	1551

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_25
 Number of Bursts in Trial: 18
 Chirp Center Frequency: 5562.26MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	17	65.6	1809	-	-
2	1	17	60.3	1435	-	-
3	3	17	87.7	1858	1446	1849
4	1	17	53.3	1116	-	-
5	2	17	76	1162	1924	-
6	2	17	71.7	1554	1790	-
7	3	17	87.4	1787	1306	1421
8	1	17	65.1	1677	-	-
9	2	17	69.6	1906	1862	-
10	3	17	90	1154	1107	1739
11	1	17	52.2	1535	-	-
12	2	17	70.9	1527	1109	-
13	1	17	65.6	1125	-	-
14	2	17	75.8	1830	1613	-
15	3	17	86	1825	1475	1284
16	1	17	64.8	1992	-	-
17	3	17	96	1993	1899	1396
18	2	17	70.9	1142	1381	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_26
 Number of Bursts in Trial: 15
 Chirp Center Frequency: 5563.86MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	86.8	1168	1968	1297
2	1	13	61.6	1965	-	-
3	3	13	85.1	1604	1118	1057
4	2	13	68.5	1524	1266	-
5	3	13	98.7	1989	1218	1584
6	2	13	70.6	1939	1187	-
7	1	13	59.5	1967	-	-
8	1	13	53.3	1245	-	-
9	2	13	73.4	1356	1665	-
10	1	13	54.4	1216	-	-
11	2	13	70.8	1086	1647	-
12	2	13	76.8	1452	1169	-
13	2	13	73.6	1195	1502	-
14	1	13	51.8	1328	-	-
15	3	13	96.5	1374	1515	1728

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_27
Number of Bursts in Trial: 10
Chirp Center Frequency: 5566.26MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	7	91.9	1590	1612	1068
2	1	7	62	1687	-	-
3	2	7	76.3	1854	1822	-
4	3	7	86.1	1123	1488	1088
5	2	7	81.1	1619	1427	-
6	3	7	91.7	1268	1393	1907
7	1	7	54.5	1680	-	-
8	1	7	55.5	1041	-	-
9	1	7	63.3	1476	-	-
10	1	7	64.9	1145	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_28
Number of Bursts in Trial: 8
Chirp Center Frequency: 5567.06MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	92.4	1735	1934	1679
2	2	5	67.9	1983	1776	-
3	1	5	55.7	1797	-	-
4	1	5	64.6	1561	-	-
5	1	5	66.4	1923	-	-
6	2	5	72.1	1585	1436	-
7	1	5	53.6	1211	-	-
8	3	5	88.5	1675	1653	1914

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_29
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5565.06MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	99.3	1995	1522	1150
2	2	10	69.4	1235	1185	-
3	3	10	92.4	1534	1018	1865
4	1	10	55.9	1785	-	-
5	3	10	97.1	1443	1681	1738
6	1	10	61.7	1921	-	-
7	2	10	67.1	1646	1412	-
8	3	10	93.8	1747	1339	1959
9	2	10	72.6	1863	1010	-
10	3	10	98.4	1020	1368	1473
11	2	10	82.9	1913	1505	-
12	3	10	94.4	1247	1392	1213

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_30
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5561.06MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	92.9	1395	1069	1765
2	1	20	66.3	1848	-	-
3	1	20	50.4	1260	-	-
4	2	20	74.5	1085	1055	-
5	2	20	73.7	1177	1186	-
6	1	20	63.7	1448	-	-
7	1	20	59.7	1409	-	-
8	2	20	78.8	1978	1230	-
9	1	20	64.9	1087	-	-
10	2	20	79.2	1650	1730	-
11	2	20	82.3	1077	1456	-
12	1	20	56.1	1003	-	-
13	2	20	71.8	1155	1759	-
14	1	20	53.5	1950	-	-
15	1	20	56.3	1292	-	-
16	1	20	52.7	1074	-	-
17	1	20	53.8	1483	-	-
18	3	20	88.8	1036	1817	1467
19	1	20	56.9	1386	-	-
20	2	20	82.4	1762	1173	-

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