

TEST REPORT

CERTIFICATE OF CONFORMITY

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

Report No.: RFBFLF-WTW-P24100005-3

FCC ID: MSQ-RTAX8900

Product: Dual Band WiFi 6 Travel Router

Brand:

ASUSTek Computer Inc. or



Model No.: RT-AX50 Go

Received Date: 2024/11/4

Test Date: 2025/6/18 ~ 2025/7/1

Issued Date: 2025/8/6

Applicant: ASUSTek COMPUTER INC.

Address: 1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

Lab Address: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300, Taiwan

FCC Registration / 723255 / TW2022

Designation Number:

Approved by: _____

May Chen / Manager

Date: _____

2025/8/6

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Prepared by: Vito Lung / Specialist

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Release Control Record

Issue No.	Description	Date Issued
RFBFLF-WTW-P24100005-3	Original release.	2025/8/6

1 Certificate

Product: Dual Band WiFi 6 Travel Router

Brand:

ASUSTek Computer Inc. or



Test Model: RT-AX50 Go

Sample Status: Engineering sample

Applicant: ASUSTeK COMPUTER INC.

Test Date: 2025/6/18 ~ 2025/7/1

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	Not Applicable

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	Dual Band WiFi 6 Travel Router
Brand	ASUSTek Computer Inc. or 
Test Model	RT-AX50 Go
DFS Firmware/software version	3.9.5.18
Operational Mode	Master (with TPC function)
Operating Frequency Band	5.25 GHz ~ 5.35 GHz 5.47 GHz ~ 5.725 GHz
Communication Mode	IP based

Note:

1. 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	Antenna Net Gain (dBi)	Frequency range (GHz)	Antenna Type	Connector Type
1	0	LYNvave	ALX23M-222AAA	1.9	2.4 ~ 2.4835	PIFA	None
				4.1	5.15 ~ 5.25		
					5.25 ~ 5.35		
					5.47 ~ 5.725		
5.725 ~ 5.85							
2	1	LYNvave	ALX23M-222AA9	2.3	2.4 ~ 2.4835	PIFA	None
				4.8	5.15 ~ 5.25		
					5.25 ~ 5.35		
					5.47 ~ 5.725		
5.725 ~ 5.85							

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

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	233.583	23.68	4.8	705.409	28.48
	5470-5725	106.498	20.27	4.8	321.619	25.07
Beamforming	5250-5350	176.263	22.46	7.47	984.376	29.93
	5470-5725	121.55	20.85	7.47	678.821	28.32

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	MY53052700	2024/7/13	2025/7/12
Programmable Step Attenuator Agilent	8496H-002	MY42143989	2024/10/30	2025/10/29
Signal & Spectrum Analyzer R&S	FSV3044	101506	2025/6/12	2026/6/11
Software BV	BVDFS_Auto- ISM_Workbench_V2A2	N/A	N/A	N/A

Notes:

1. The test was performed in DFS-2 room.
2. Tested Date: 2025/6/18 ~ 2025/7/1

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

Description Manufacturer	Model No.	Serial No.	Calibrated Date	Calibrated Until
MXG Vector Signal Generator Keysight	N5182B	MY53052700	2024/7/13	2025/7/12
Programmable Step Attenuator Agilent	8496H-002	MY42143989	2024/10/30	2025/10/29
Signal & Spectrum Analyzer R&S	FSV3044	101506	2025/6/12	2026/6/11
Software BV	BVDFS_Auto- ISM_Workbench_V2A2	N/A	N/A	N/A

Notes:

1. The test was performed in DFS-2 room.
2. Tested Date: 2025/6/18

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	$\text{Roundup} \left\{ \begin{array}{l} \left(\frac{1}{360} \right) \\ \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \end{array} \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 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:

$$FL+(0.4*Chirp\ Width\ [in\ MHz])$$

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

$$FH-(0.4*Chirp\ Width\ [in\ MHz])$$

Table 7: Frequency Hopping Radar Test Waveform

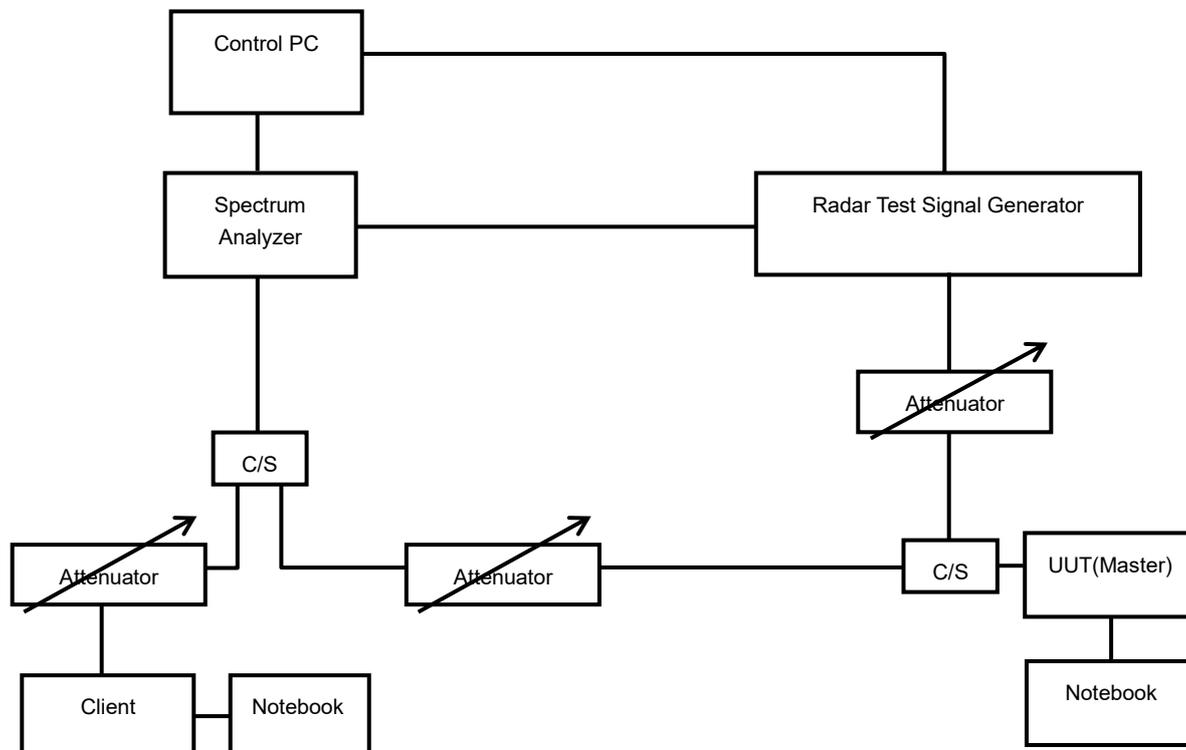
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

6 Test Arrangements

6.1 Test Setup

Conducted measurement

Master Mode



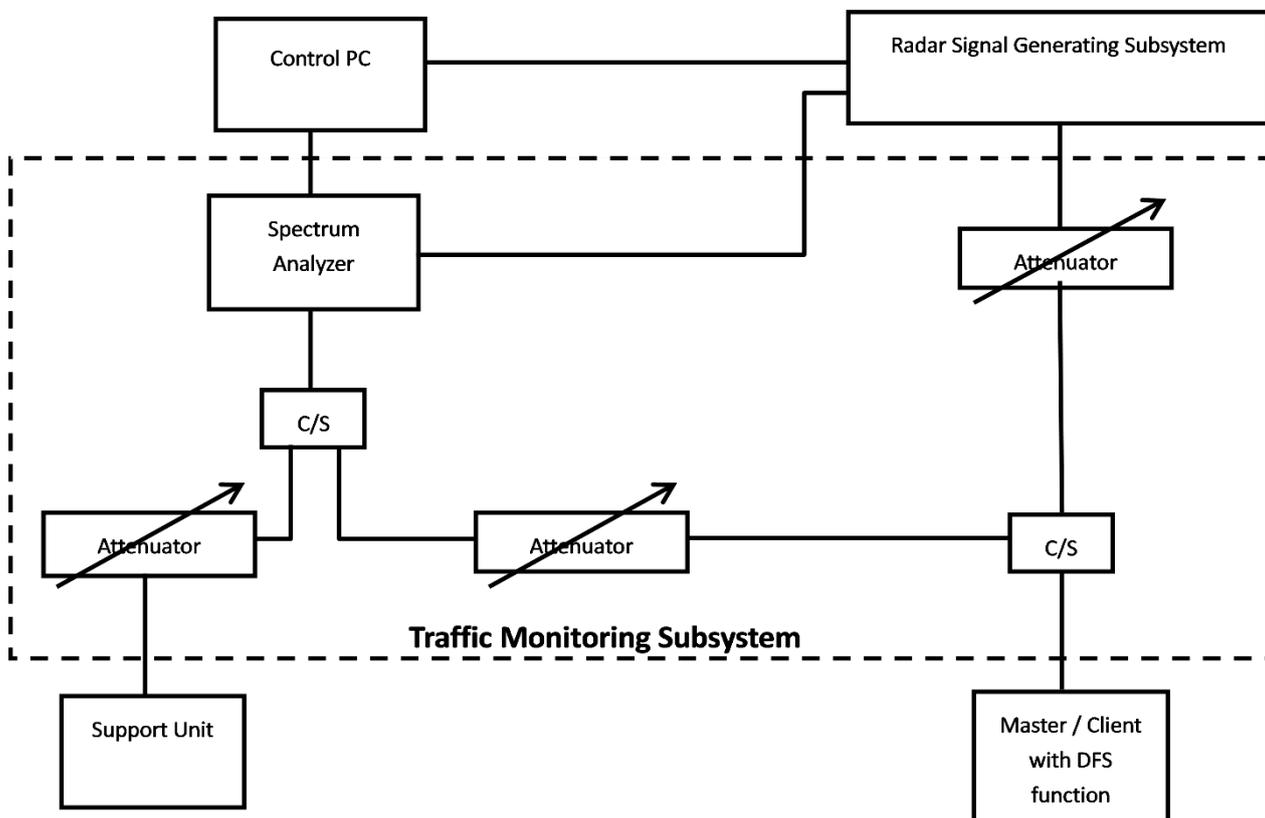
The UUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

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



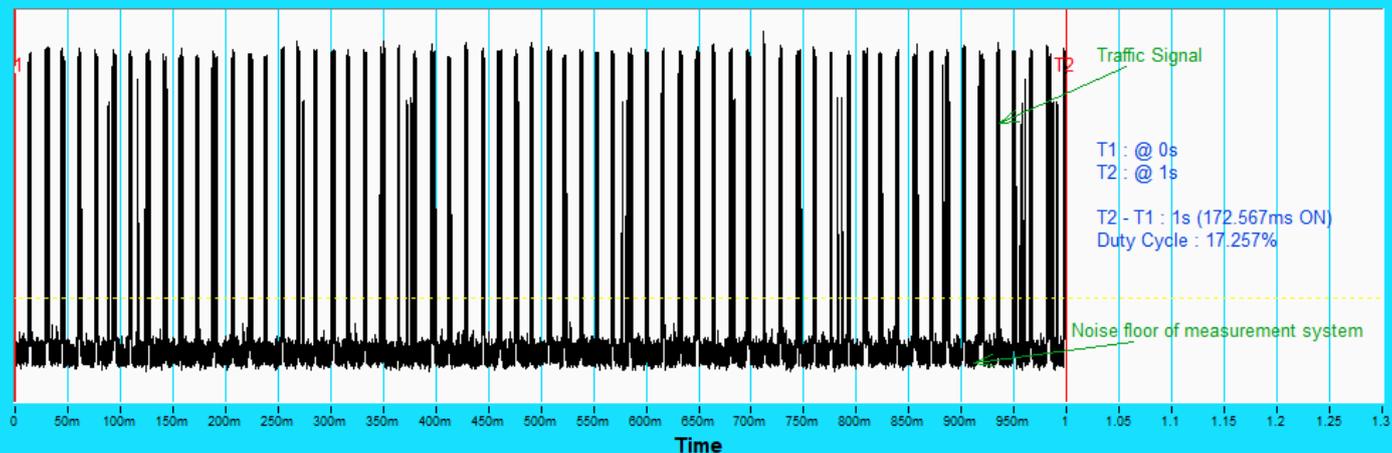
Channel Loading

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.

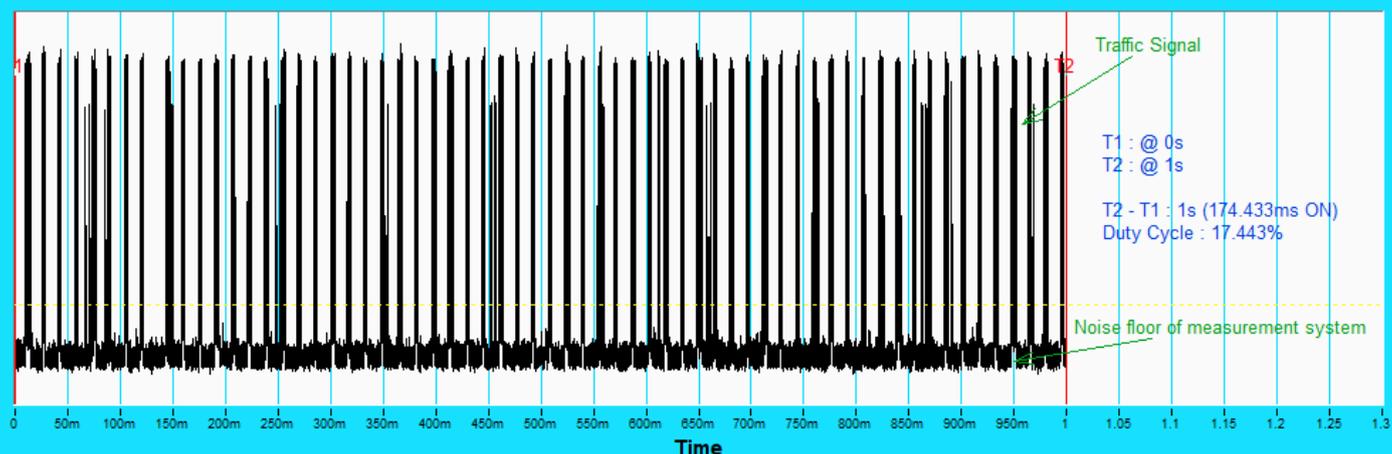
Plots of Channel Loading

Duty Cycle



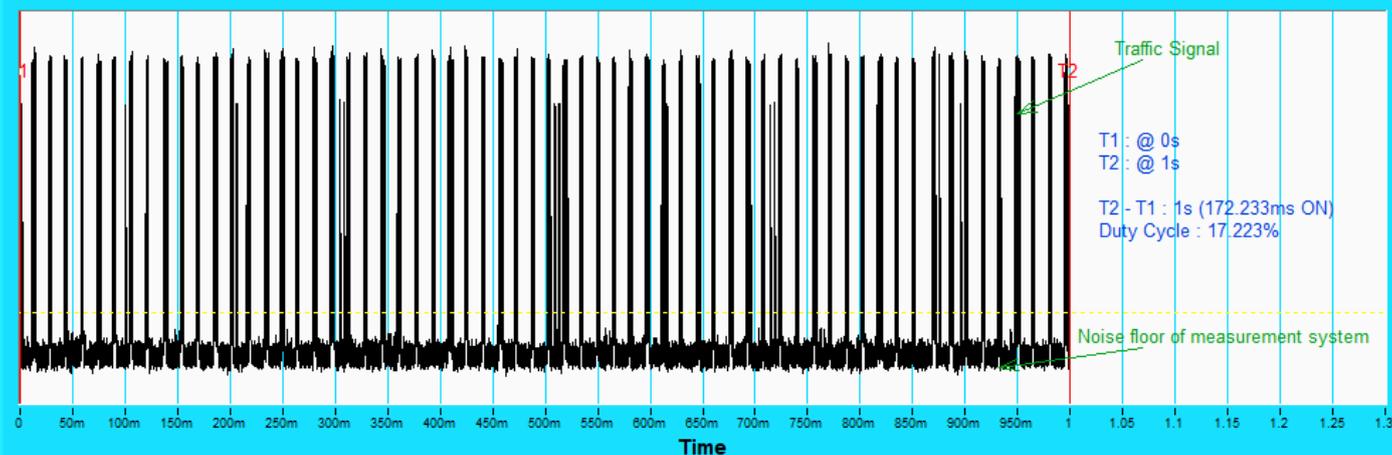
802.11ax (HE20)

Duty Cycle



802.11ax (HE40)

Duty Cycle



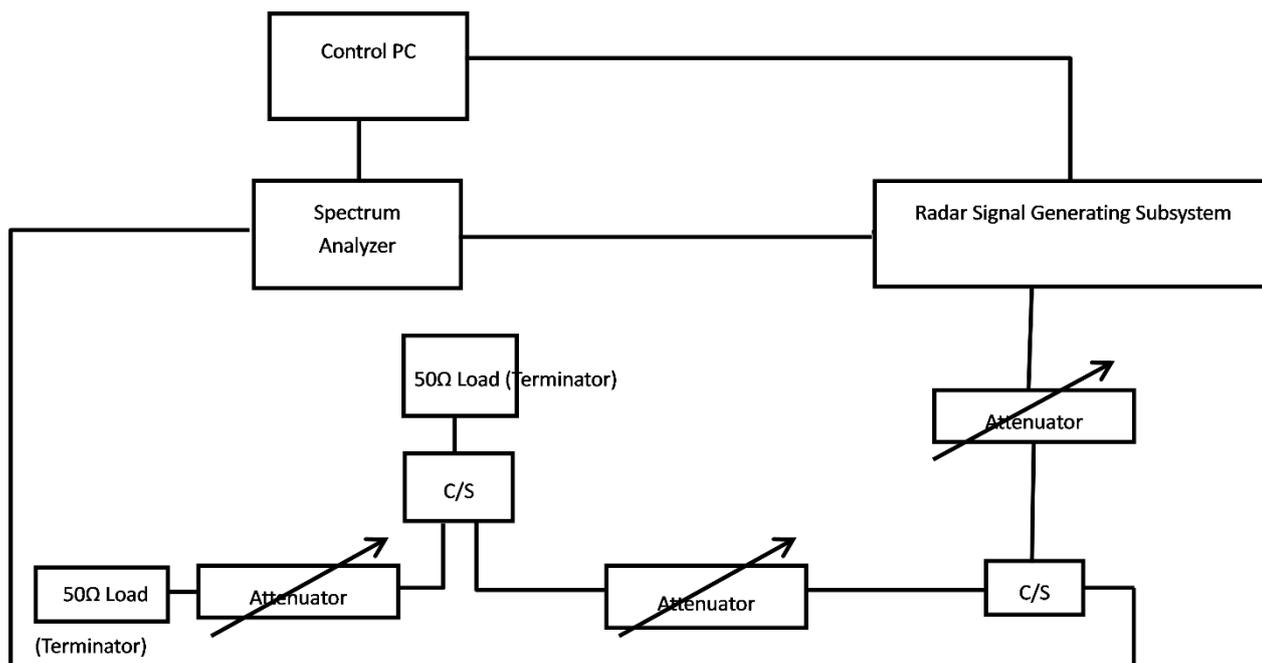
802.11ax (HE80)

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

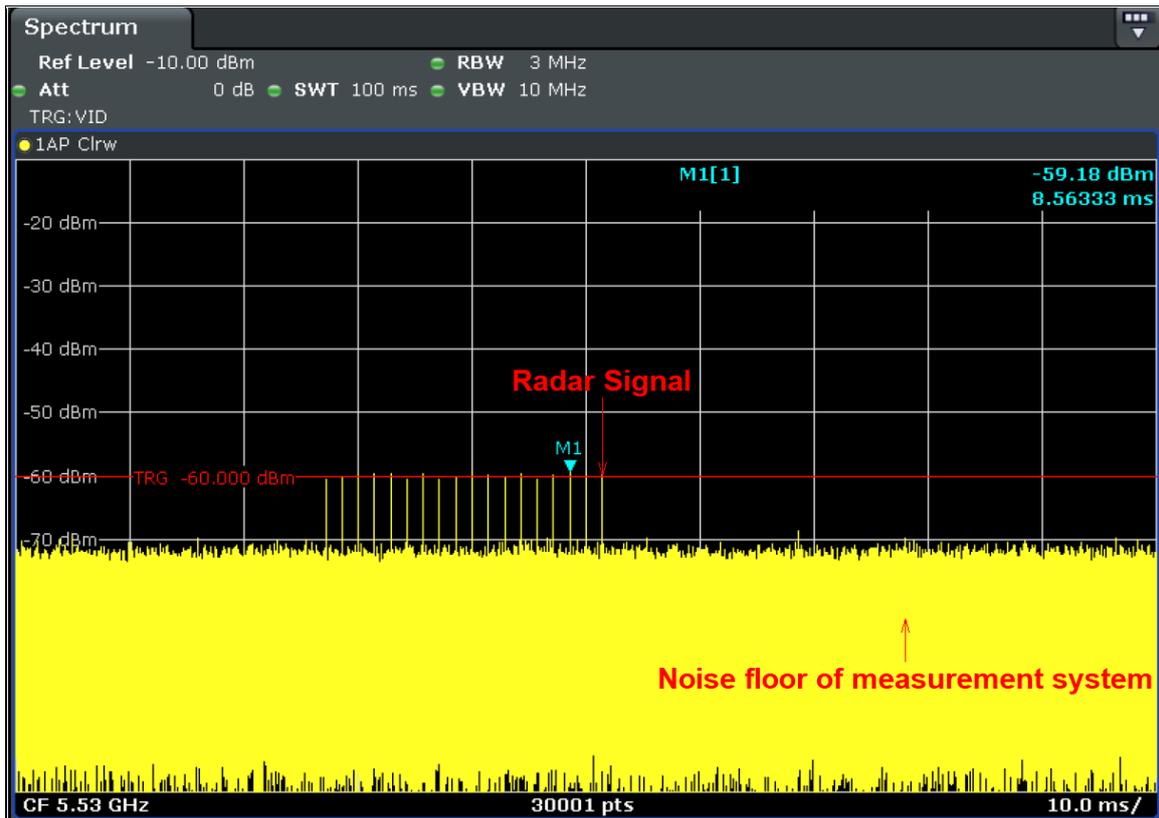
Test Mode: Device Operating in Master Mode

The radar test waveforms are injected into the Master.

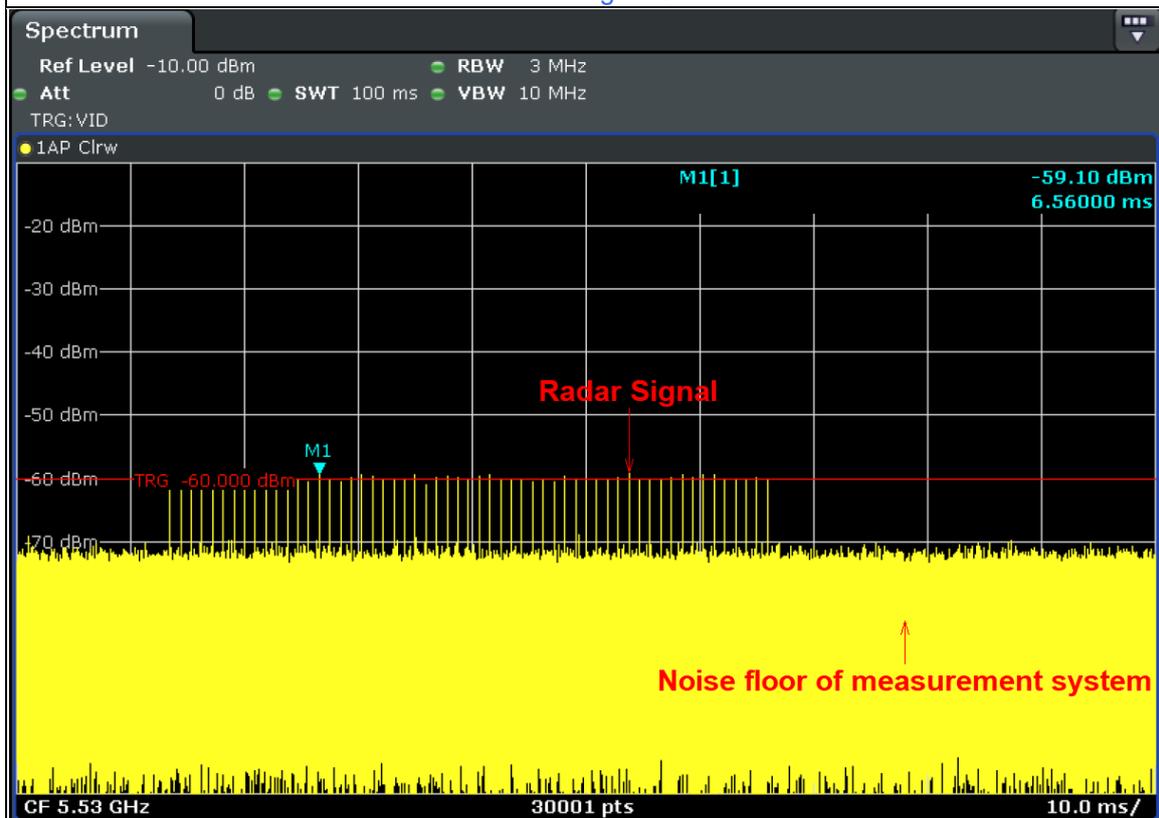
The antenna net gain is 4.1 dBi.

DFS Detection Threshold = -64 dBm + 4.1 dBi + 1 dB = -58.9 dBm

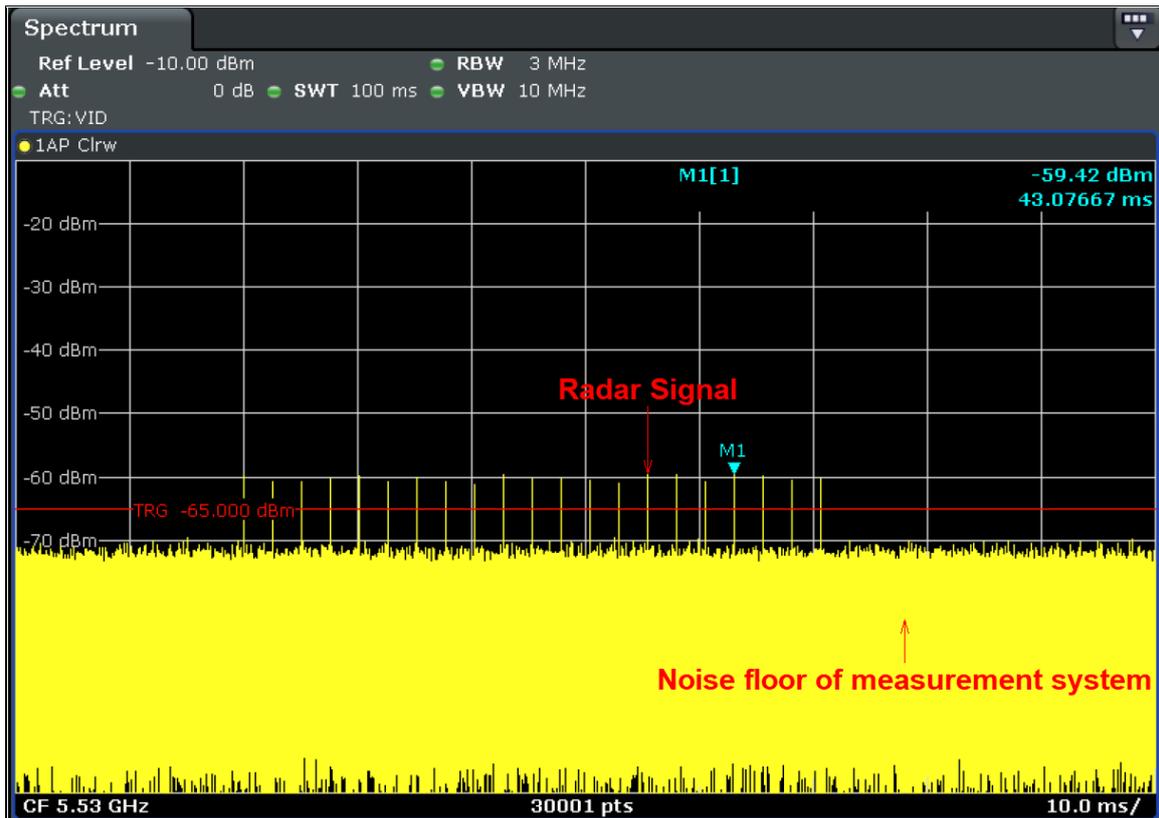
The calibrated conducted detection threshold level is lower than -58.9 dBm.



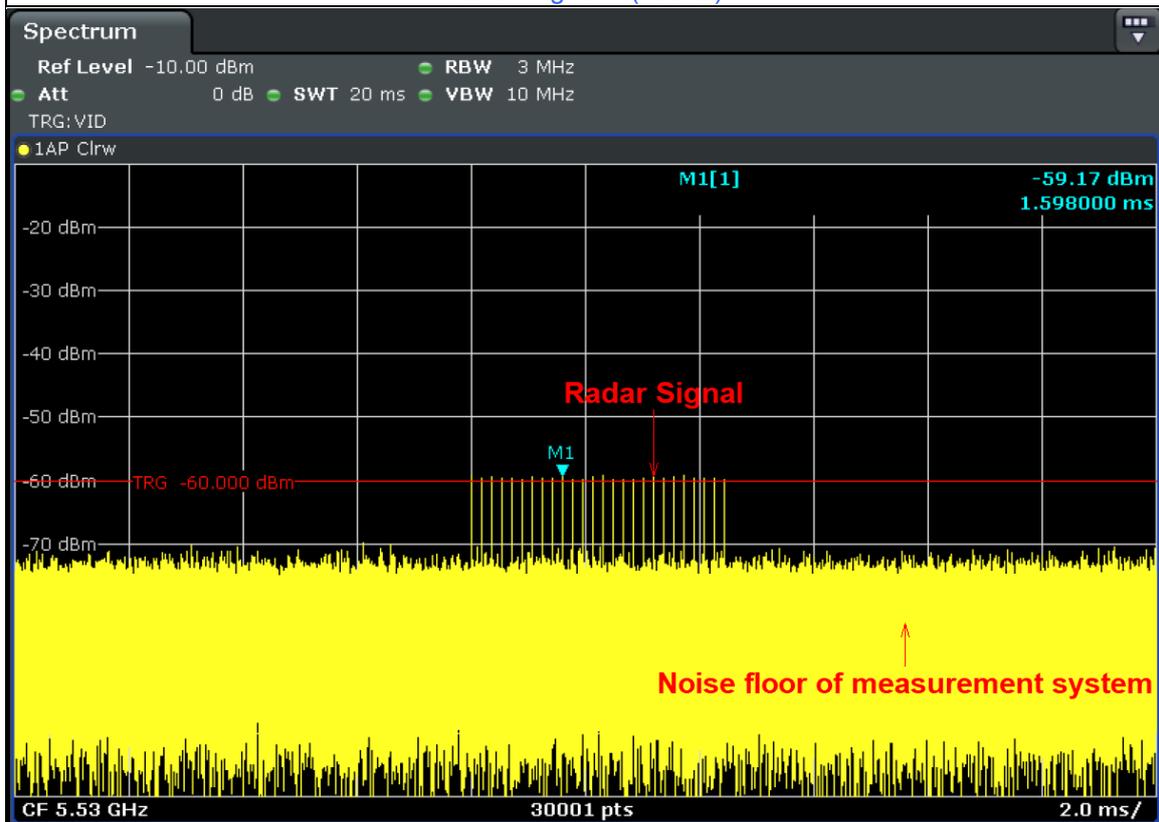
Radar Signal 0



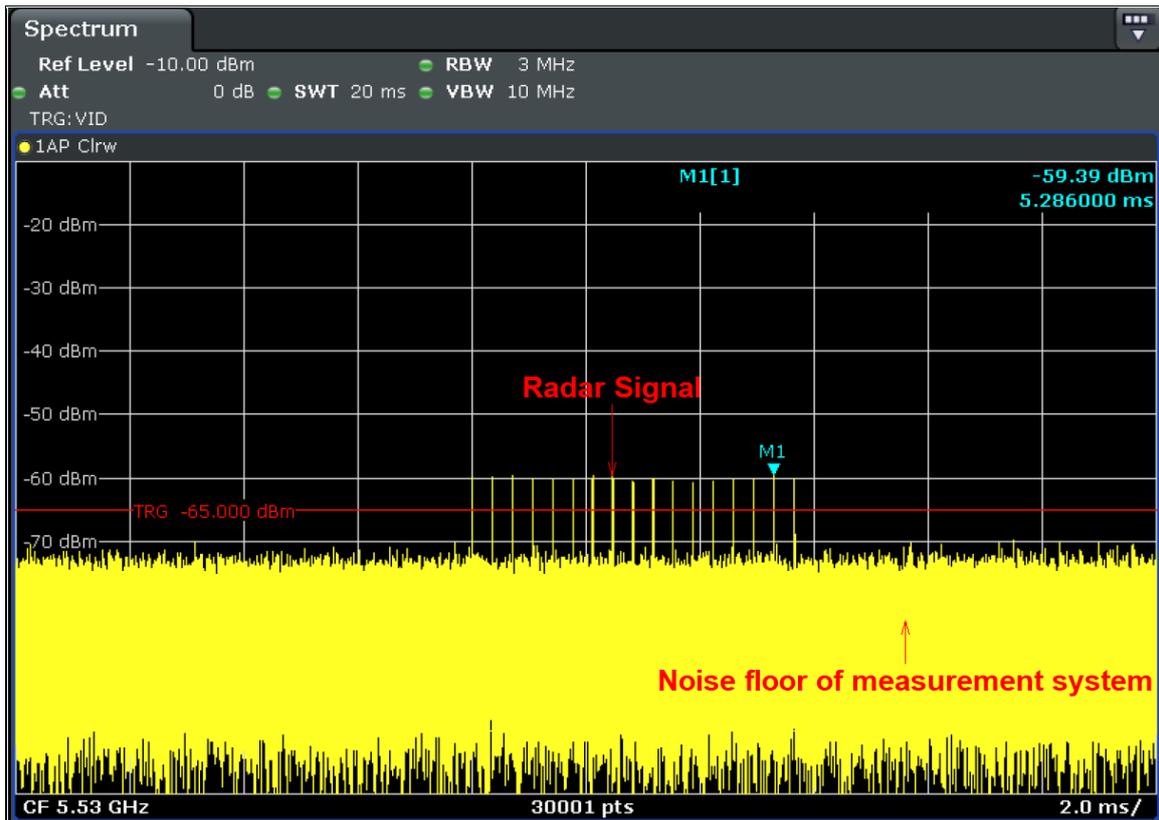
Radar Signal 1 (Test A)



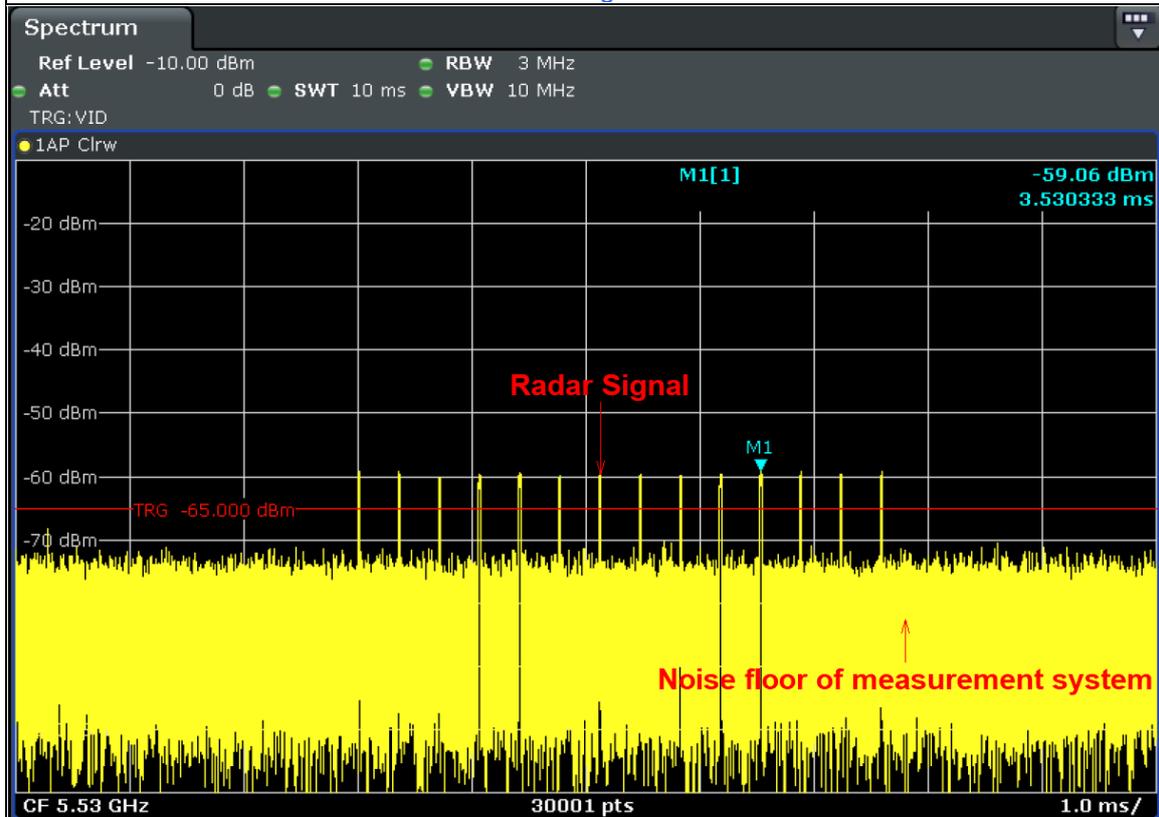
Radar Signal 1 (Test B)



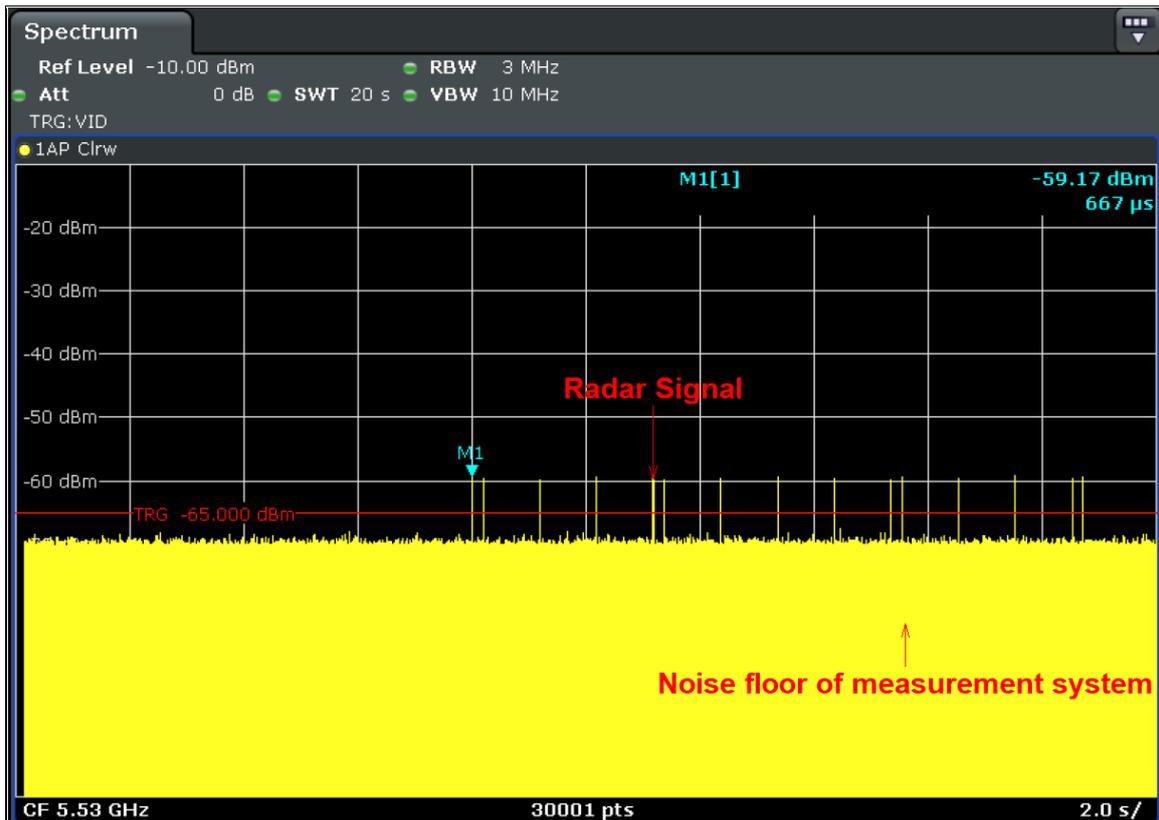
Radar Signal 2



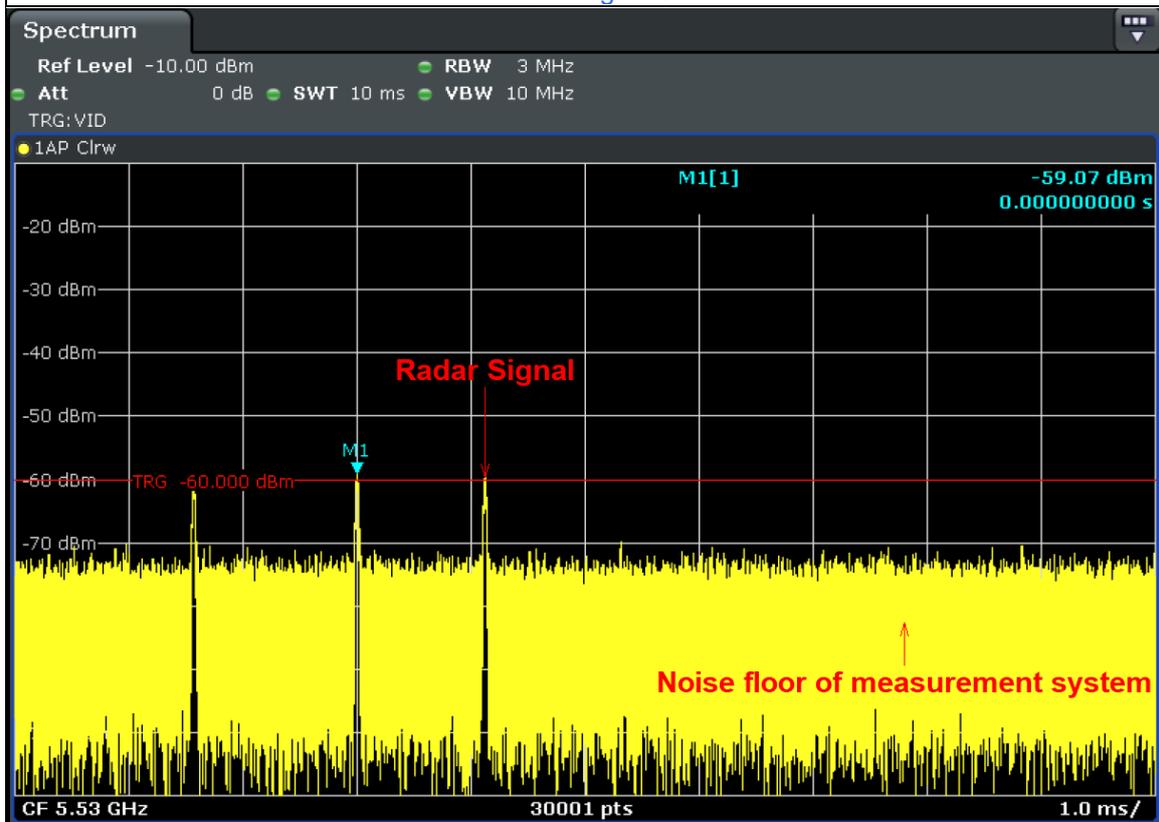
Radar Signal 3



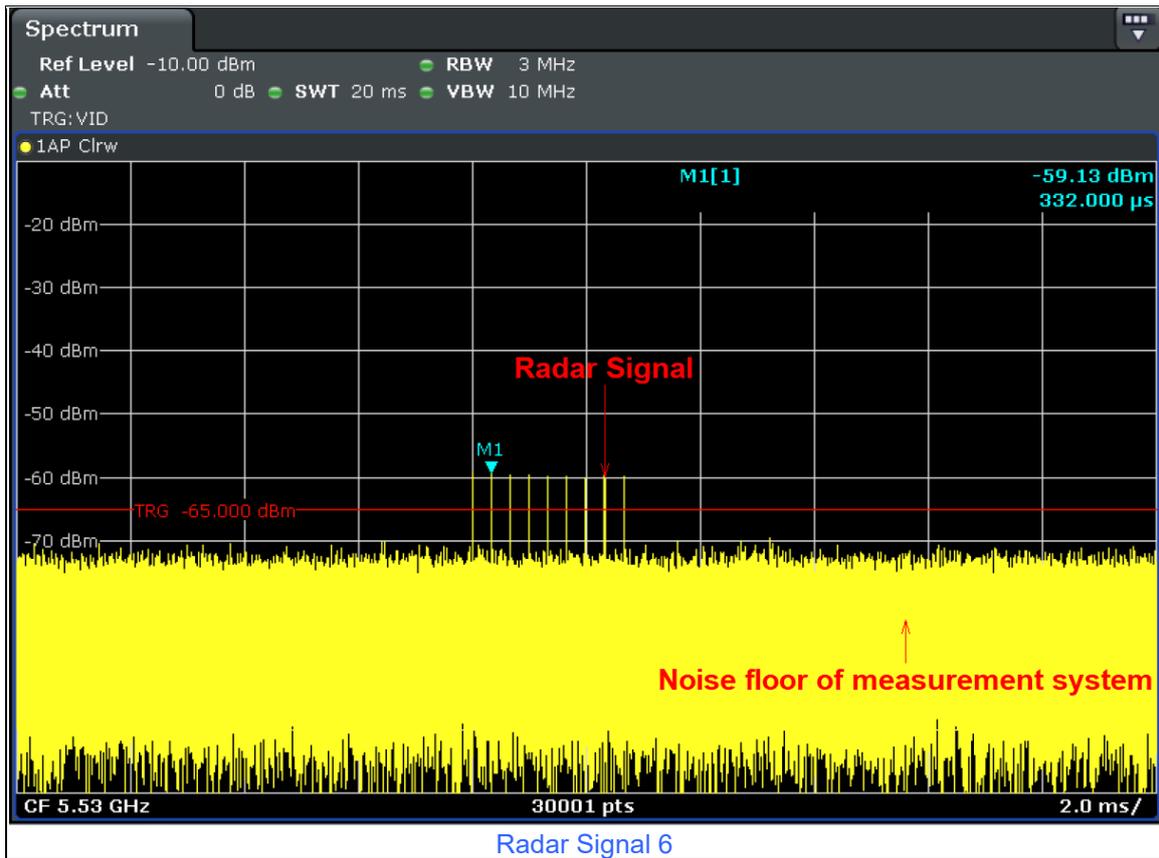
Radar Signal 4



Radar Signal 5



Radar Signal 5 (Single Burst)



6.2.4 DFS Companion Device

Companion Device Information					
Product	Brand	Model No.	FCC ID	Specification	Software/Firmware Version
Wireless-AX6000 Dual Band Gigabit Router	ASUS	RT-AX88U	MSQ-RTAXHP00	The maximum EIRP is 29.97 dBm, Antenna Gain is 2.24dBi	3.0.0.4.386

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

7 Test Results of Test Item

7.1 U-NII Detection Bandwidth

Environmental Conditions:	24°C, 62% RH	Tested By:	Chilin Lee
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For 802.11ax (HE20)

Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5500 MHz

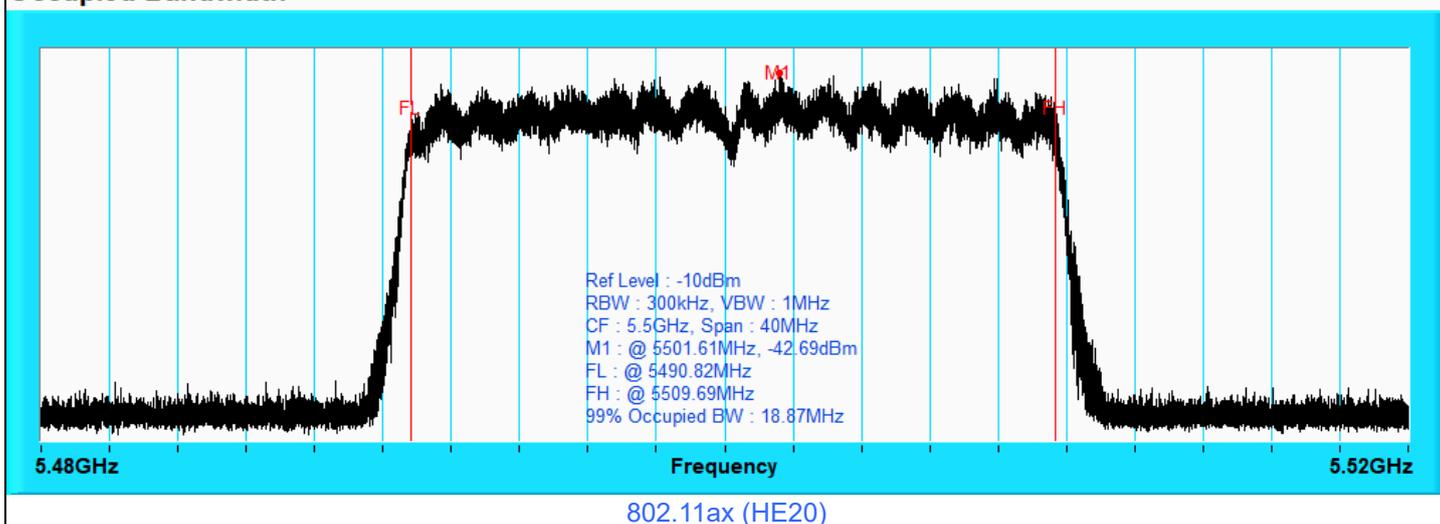
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 18.87 MHz

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

Plots of 99% Power bandwidth

Occupied Bandwidth





802.11ax (HE40)

Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5510 MHz

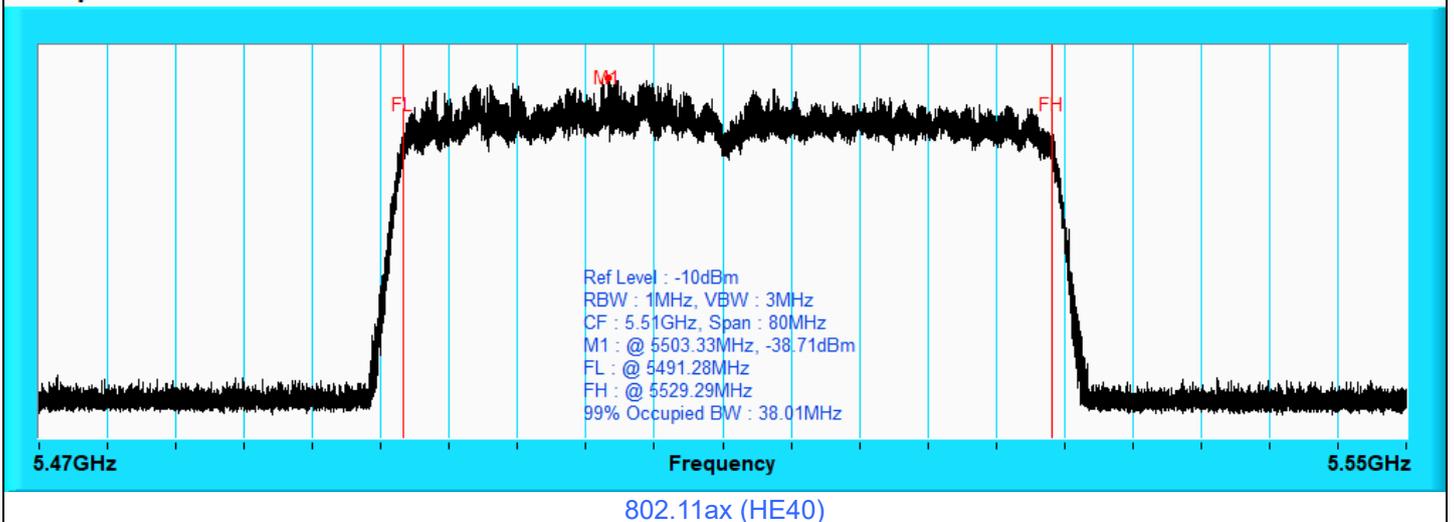
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 38.01 MHz

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

Occupied Bandwidth





802.11ax (HE80)

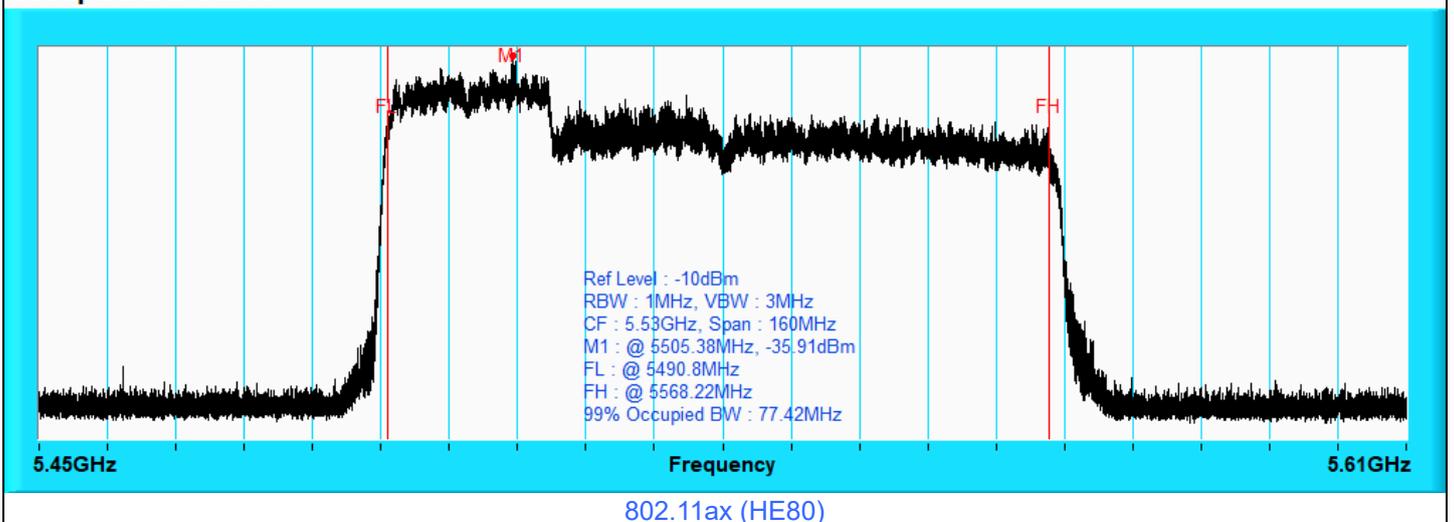
Detection Bandwidth Test

Radar Type 0
 EUT Frequency: 5530 MHz
 Detection bandwidth limit (100% of EUT 99% Power bandwidth): 77.42 MHz
 Detection bandwidth (5569 MHz (FH) – 5491 MHz (FL)): 78 MHz

Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5491 (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
5569 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth

Occupied Bandwidth



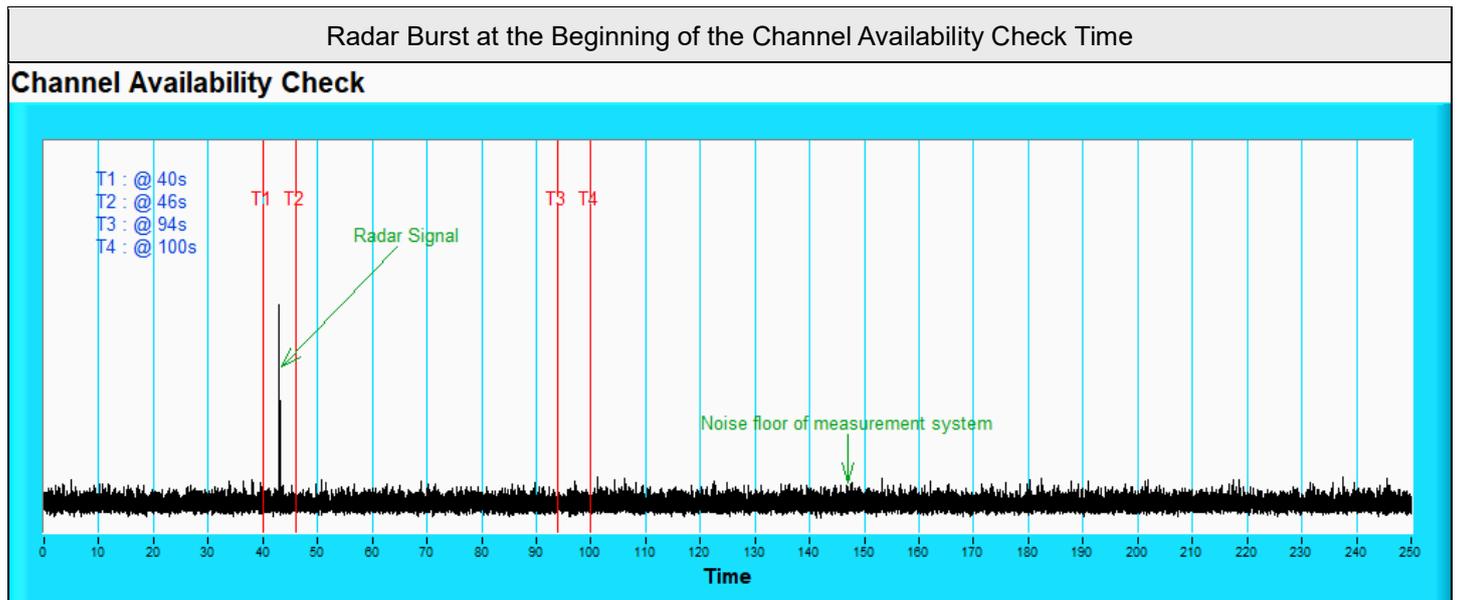
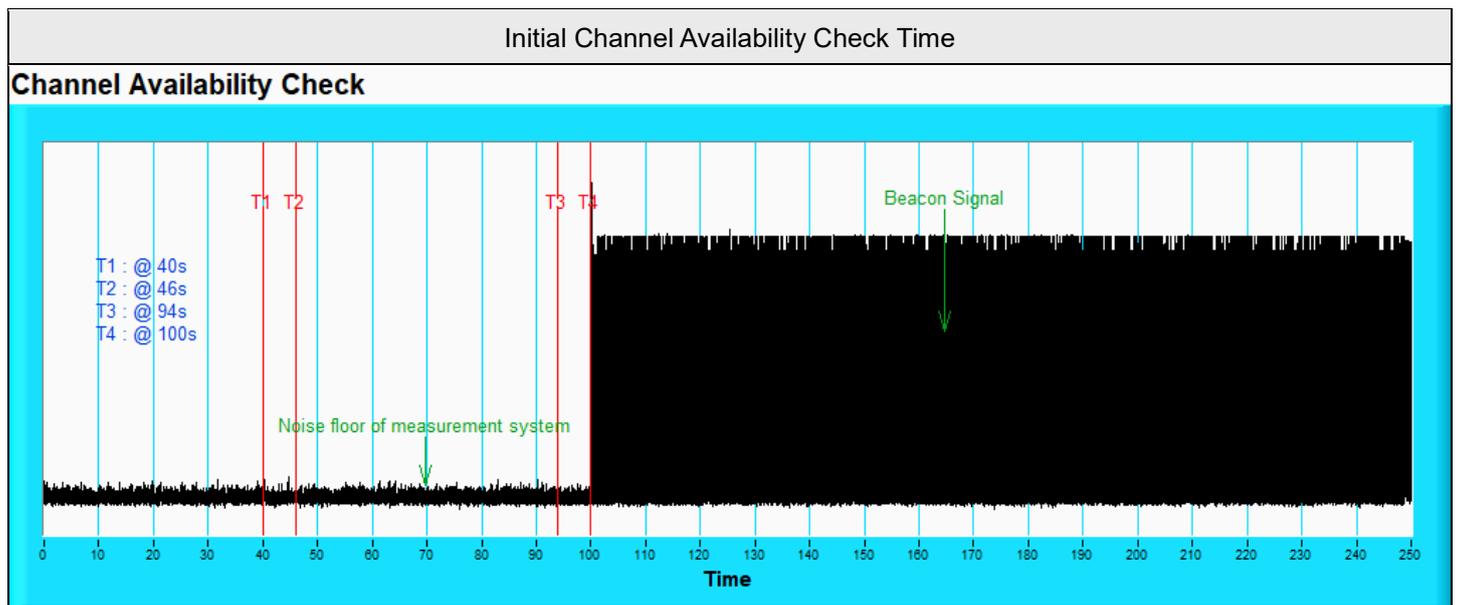
7.2 Channel Availability Check Time

Environmental Conditions:	24°C, 62% RH	Tested By:	Chilin Lee
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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.

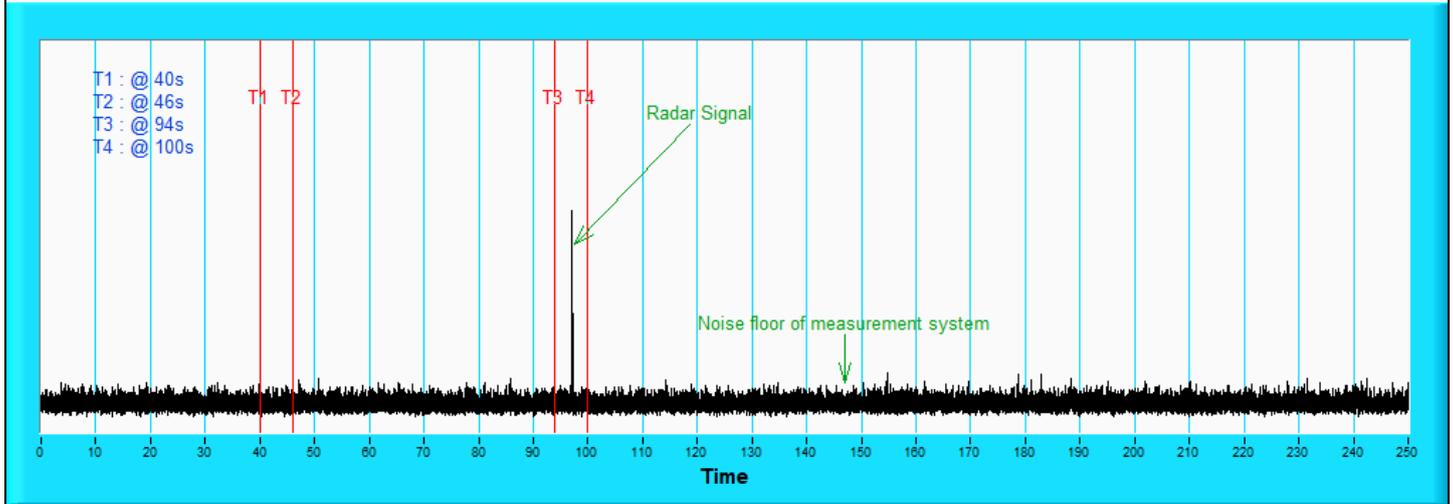
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 0 to 6 seconds	Detected	No transmissions
Within 54 to 60 seconds	Detected	No transmissions

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



Radar Burst at the End of the Channel Availability Check Time

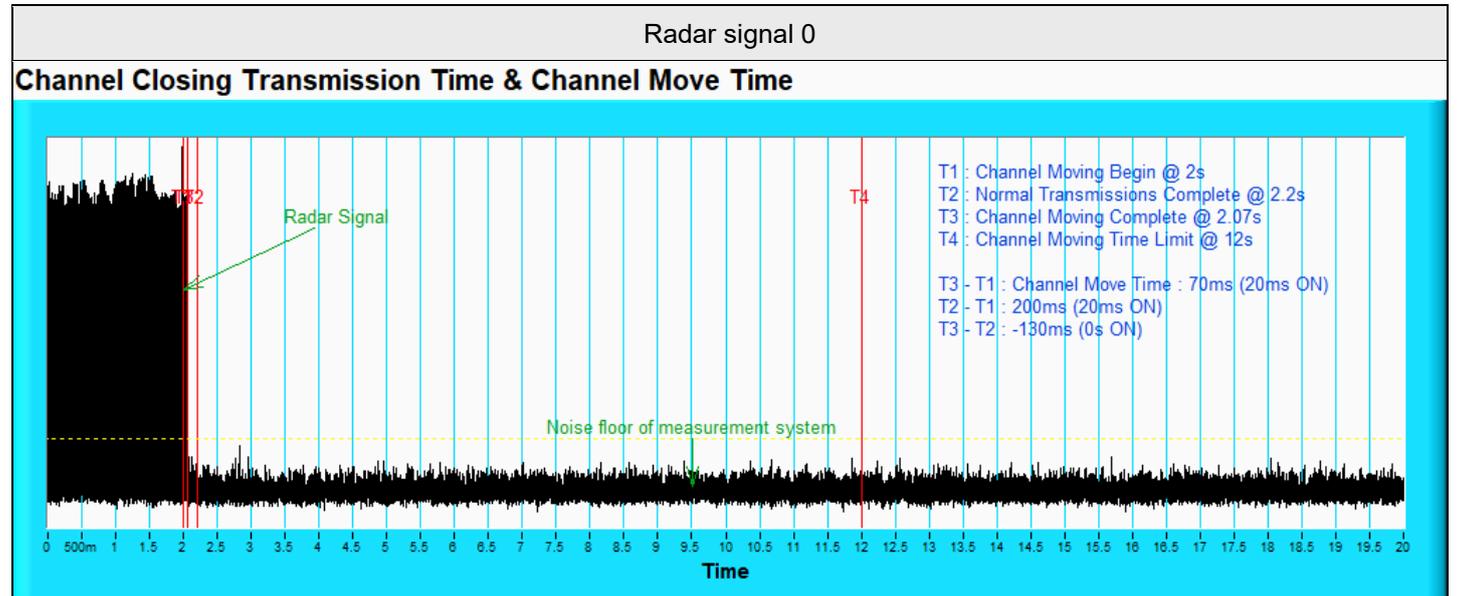
Channel Availability Check



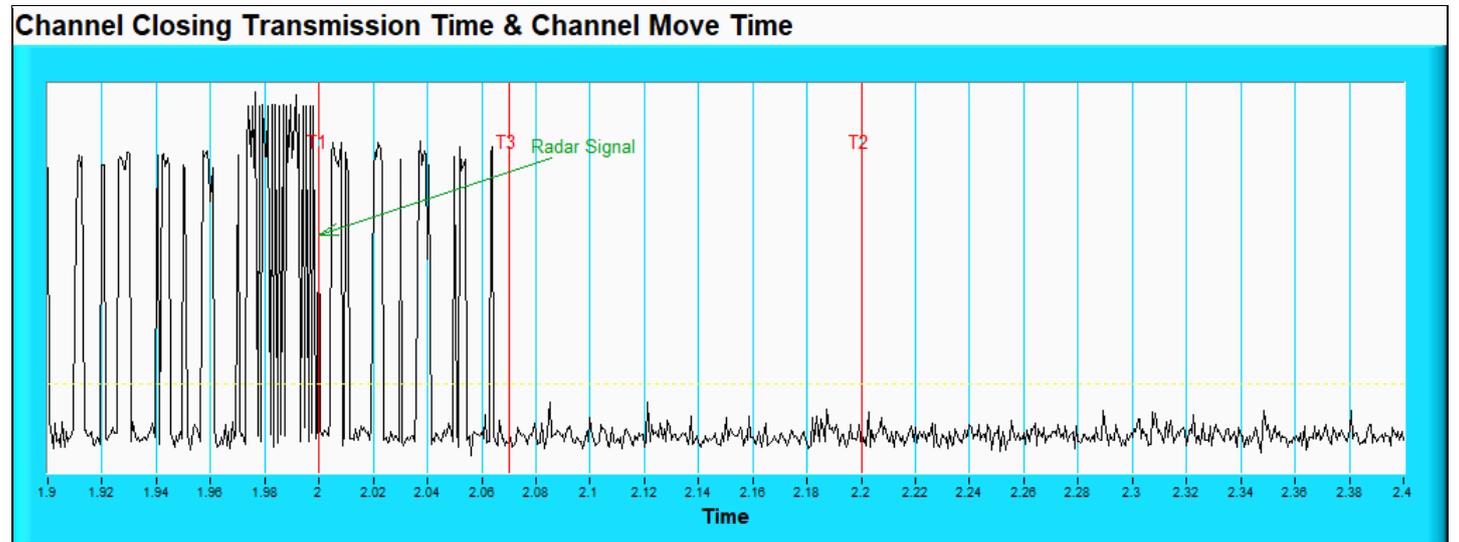
Note: T1 denotes the end of power-up time period is 40th second. T3 denotes 94th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 100th second.

7.3 Channel Closing Transmission and Channel Move Time

Environmental Conditions:	24°C, 62% RH	Tested By:	Chilin Lee
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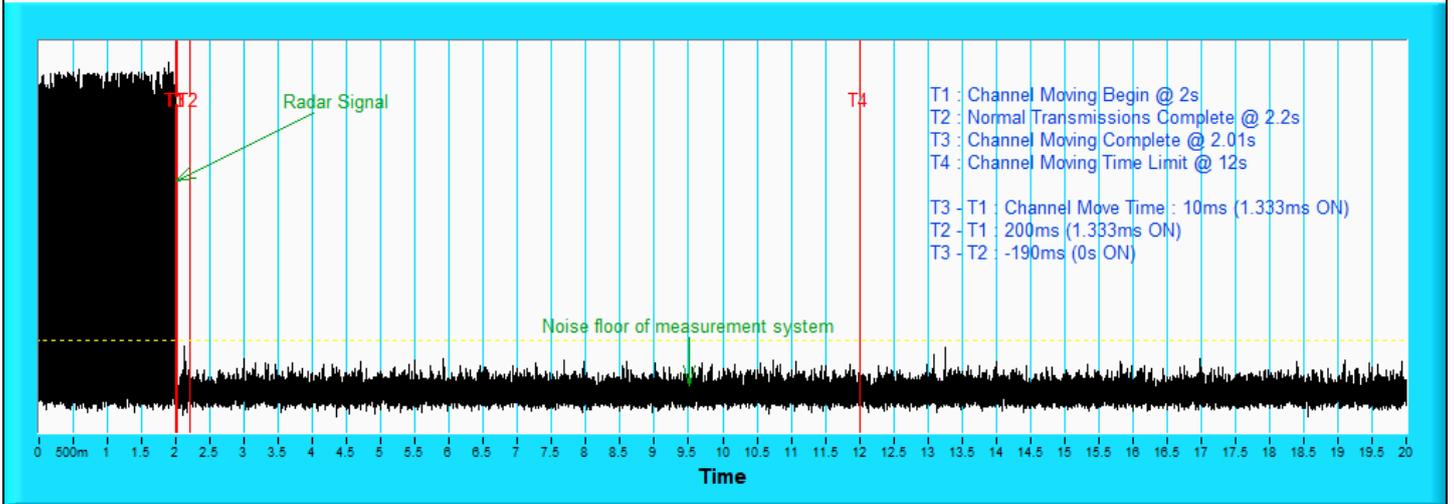
Note: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



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

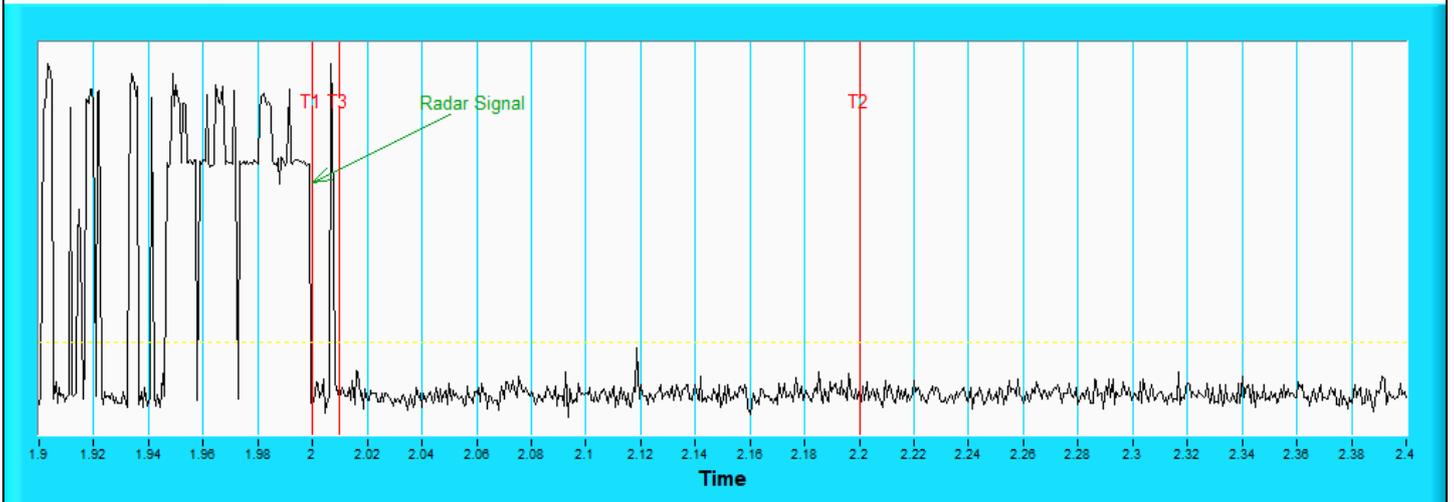
Radar signal 1

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.

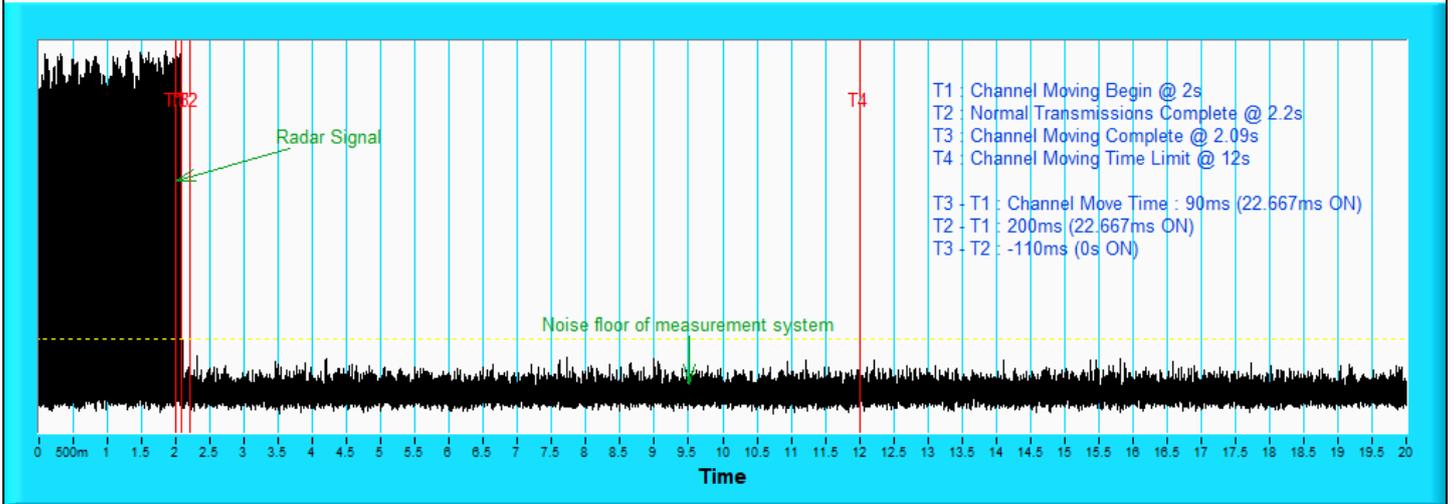
Channel Closing Transmission Time & Channel Move Time



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

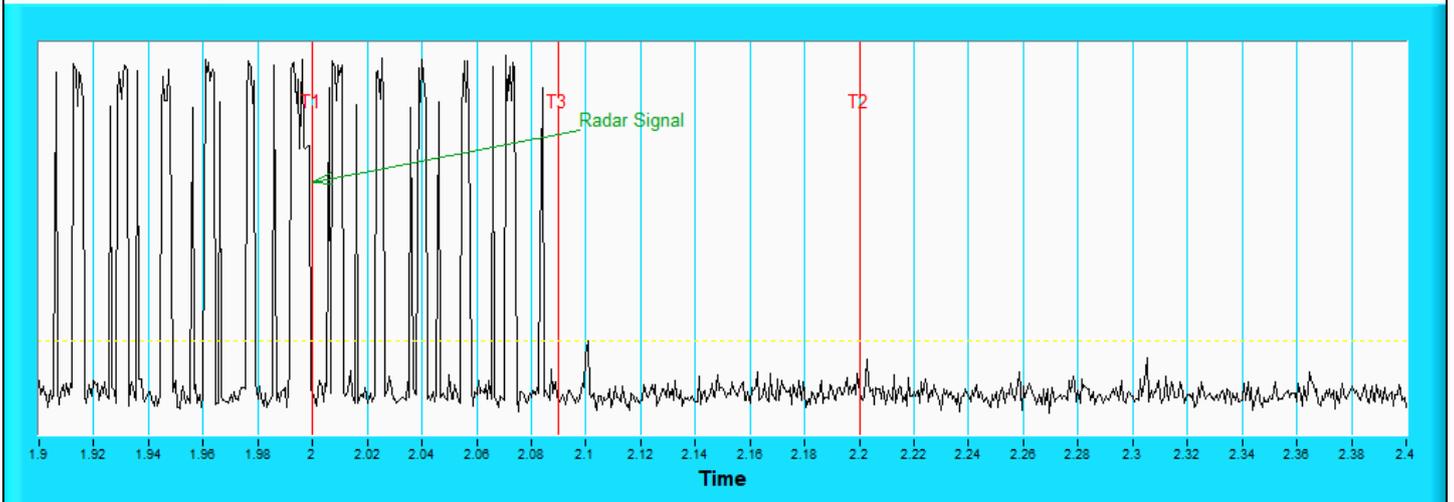
Radar signal 2

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.

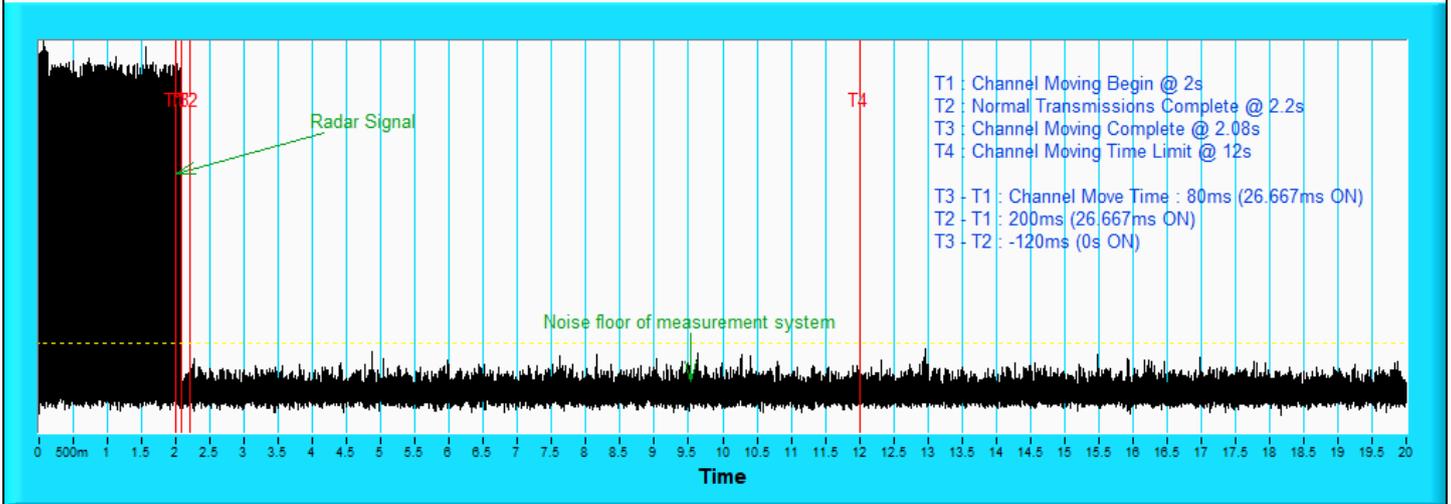
Channel Closing Transmission Time & Channel Move Time



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

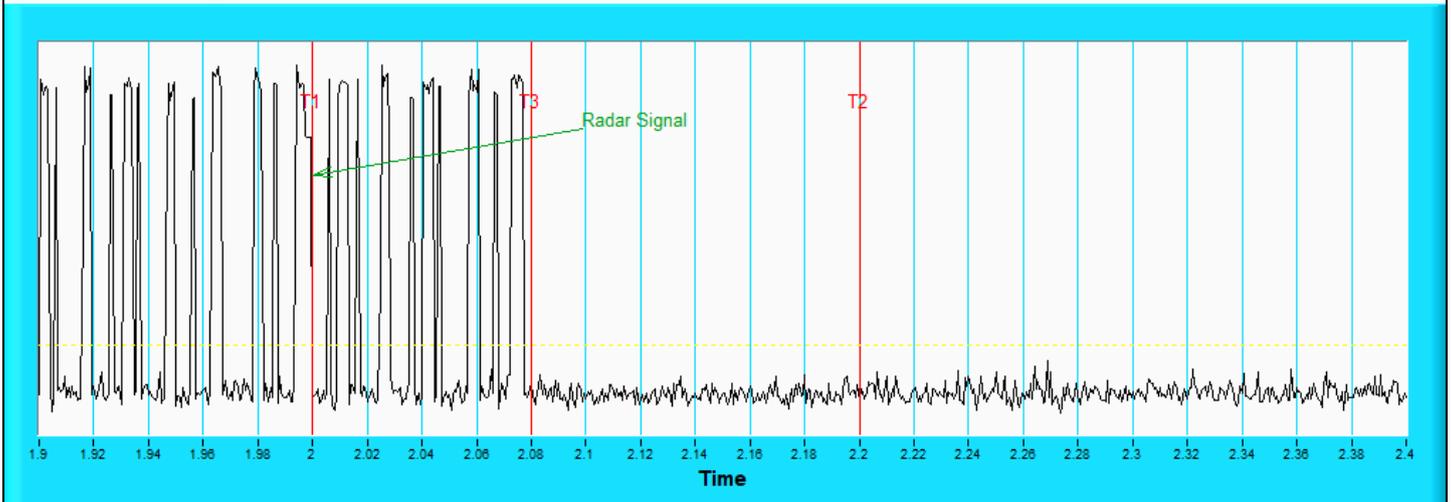
Radar signal 3

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.

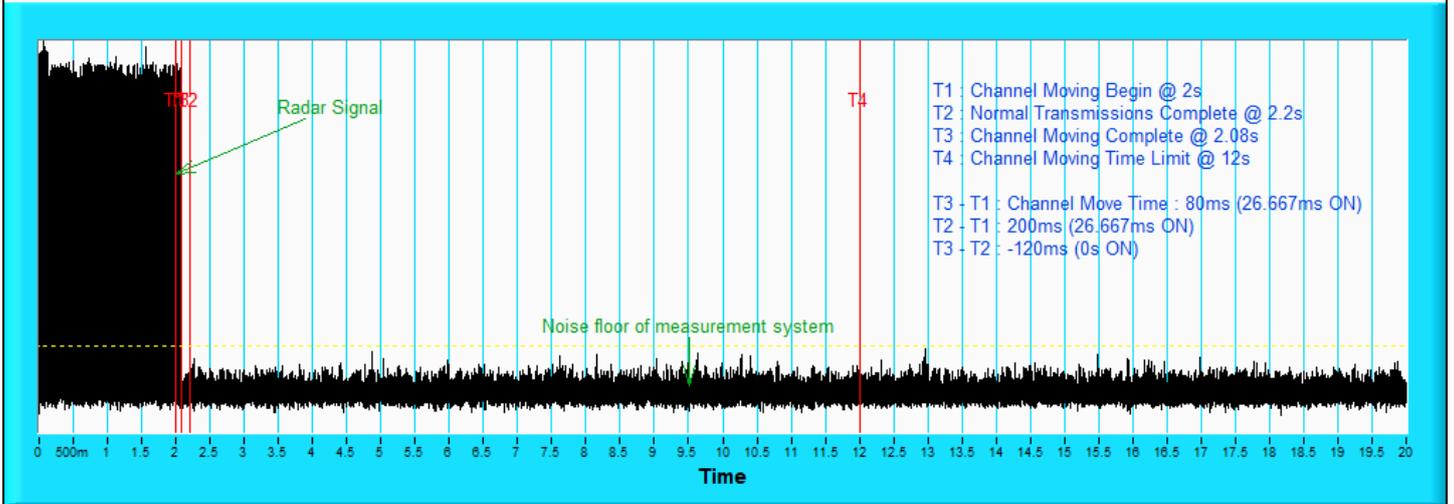
Channel Closing Transmission Time & Channel Move Time



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

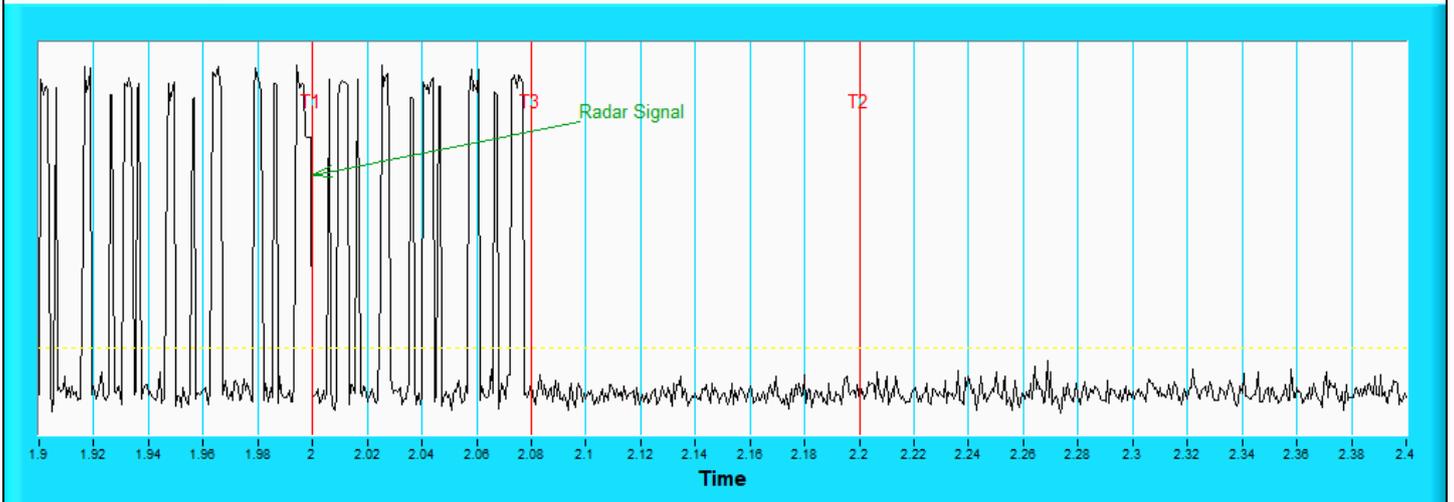
Radar signal 4

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



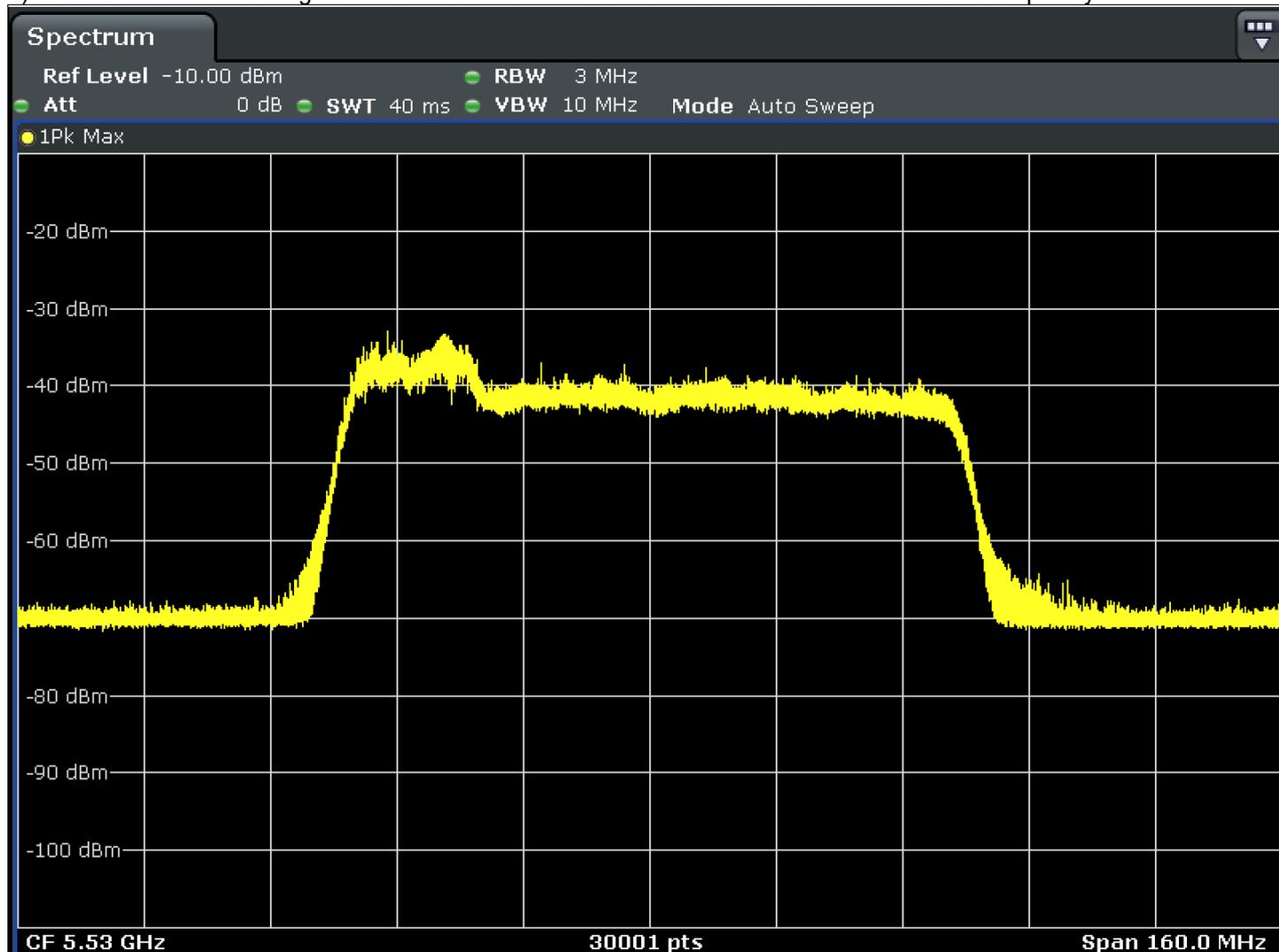
Note: Zoom in of the first 500 ms after radar signal applied.

7.4 Non-Occupancy Period

Environmental Conditions:	24°C, 62% RH	Tested By:	Chilin Lee
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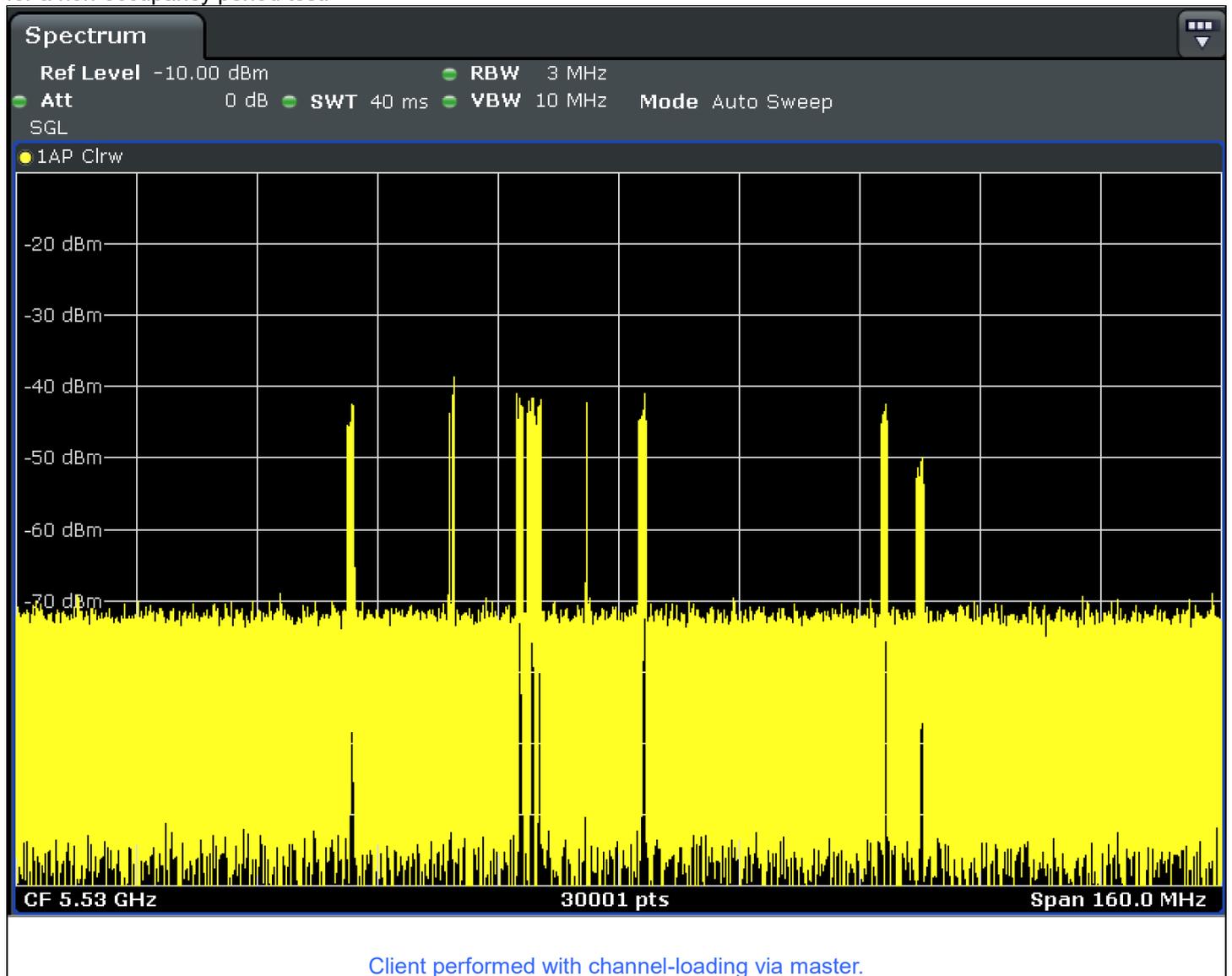
For Associated Test

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

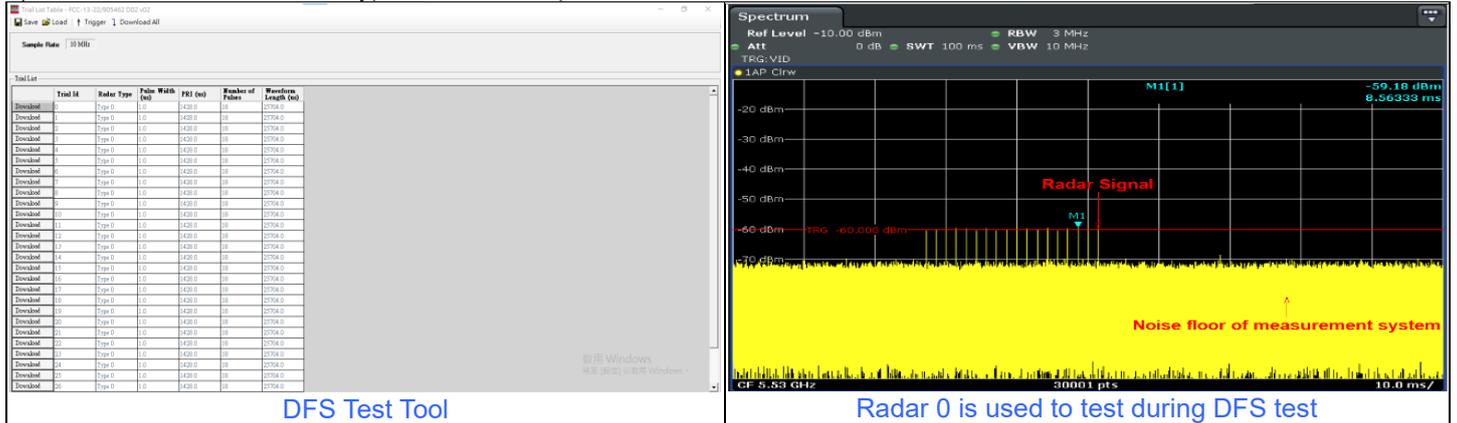


EUT (Master) links with Client on 5530 MHz.

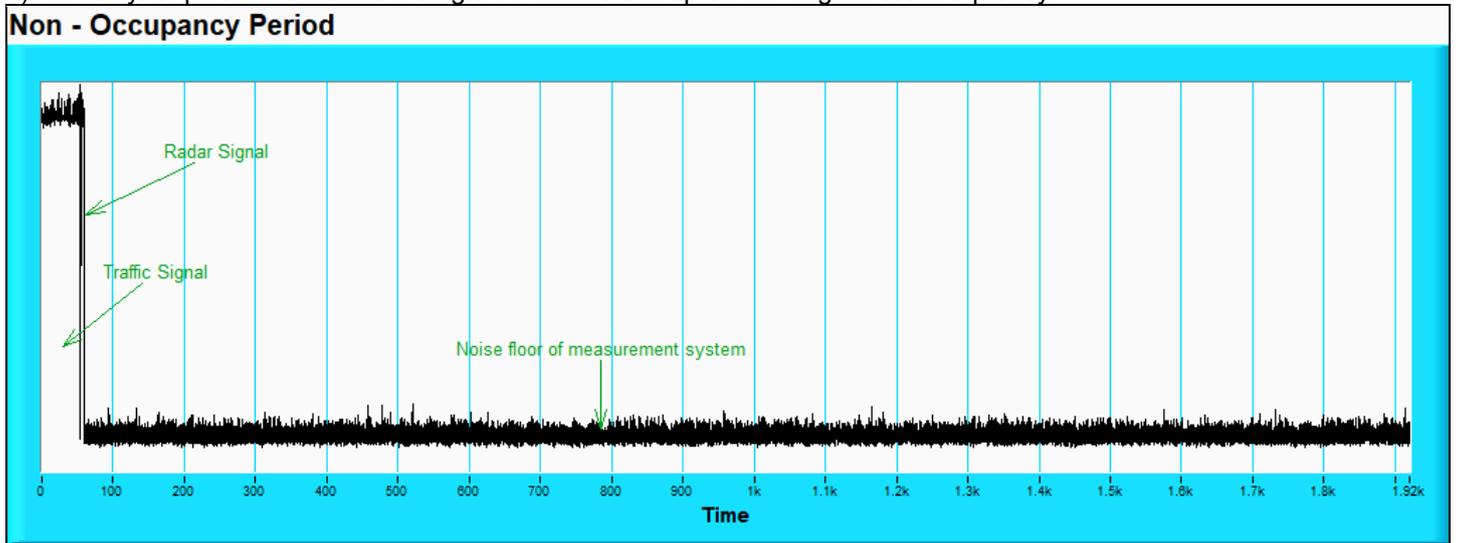
2) The master and DFS-certified client device are associated, and system testing will be performed with channel-loading for a non-occupancy period test.



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



- 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.



7.5 Statistical Performance Check

Environmental Conditions:	24°C, 62% RH	Tested By:	Chilin Lee
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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	93.3%	96.7%	86.7%	60%	Pass
2	30	86.7%	90.0%	86.7%	60%	Pass
3	30	90.0%	73.3%	73.3%	60%	Pass
4	30	90.0%	73.3%	93.3%	60%	Pass
Aggregate (Radar Types 1-4)		90.0%	83.3%	85.0%	80%	Pass
5	30	80.0%	83.3%	83.3%	80%	Pass
6	30	96.7%	83.3%	90.0%	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	5490	5	1672.2	89	598	Yes
2	5491	23	326.2	18	3066	Yes
3	5494	15	1253.1	67	798	Yes
4	5503	17	1193.3	63	838	Yes
5	5501	9	1474.9	78	678	Yes
6	5504	7	1567.4	83	638	Yes
7	5498	4	1730.1	92	578	Yes
8	5507	16	1222.5	65	818	No
9	5495	8	1519.8	81	658	Yes
10	5493	22	1066.1	57	938	Yes
11	5506	6	1618.1	86	618	Yes
12	5496	18	1165.5	62	858	Yes
13	5497	14	1285.3	68	778	Yes
14	5509	10	1432.7	76	698	Yes
15	5505	2	1858.7	99	538	Yes
16	5500	-	416.1	22	2403	Yes
17	5499	-	492.9	27	2029	Yes
18	5502	-	368.2	20	2716	Yes
19	5492	-	386.2	21	2589	Yes
20	5508	-	394.5	21	2535	Yes
21	5510	-	360.1	20	2777	Yes
22	5497	-	494.1	27	2024	Yes
23	5491	-	897.7	48	1114	Yes
24	5508	-	962.5	51	1039	Yes
25	5503	-	380.2	21	2630	Yes
26	5493	-	452.7	24	2209	Yes
27	5510	-	391.8	21	2552	Yes
28	5495	-	1083.4	58	923	Yes
29	5505	-	329.7	18	3033	Yes
30	5507	-	502	27	1992	No

Detection Rate: 93.3%



802.11ax (HE20) 5500MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5509	24	2	224	Yes
2	5508	29	4.5	219	Yes
3	5495	26	3.2	167	Yes
4	5505	27	3.7	216	Yes
5	5491	23	1.1	179	Yes
6	5496	26	3.1	181	Yes
7	5499	27	3.7	188	No
8	5490	26	2.9	155	Yes
9	5498	29	4.8	214	Yes
10	5500	23	1.5	195	Yes
11	5497	29	4.9	201	Yes
12	5493	24	1.8	197	No
13	5502	23	1.5	158	Yes
14	5506	29	4.9	222	Yes
15	5492	28	4.2	185	Yes
16	5504	23	1	173	No
17	5501	29	4.8	190	Yes
18	5507	29	4.5	200	Yes
19	5503	25	2.3	165	Yes
20	5494	27	3.4	177	Yes
21	5510	23	1	183	No
22	5496	28	4	156	Yes
23	5508	23	1.1	213	Yes
24	5495	25	2.7	229	Yes
25	5505	23	1.2	206	Yes
26	5494	29	4.9	203	Yes
27	5497	26	3.3	163	Yes
28	5501	26	3.2	182	Yes
29	5500	24	1.7	166	Yes
30	5490	25	2.6	210	Yes

Detection Rate: 86.7%



802.11ax (HE20) 5500MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5508	16	7	239	Yes
2	5490	18	9.5	335	Yes
3	5493	17	8.2	411	Yes
4	5492	18	8.7	224	No
5	5494	16	6.1	428	Yes
6	5510	17	8.1	332	Yes
7	5496	17	8.7	491	Yes
8	5506	17	7.9	348	Yes
9	5500	18	9.8	206	Yes
10	5497	16	6.5	204	Yes
11	5505	18	9.9	438	Yes
12	5495	16	6.8	484	Yes
13	5502	16	6.5	344	Yes
14	5499	18	9.9	465	Yes
15	5504	18	9.2	444	Yes
16	5503	16	6	357	Yes
17	5507	18	9.8	423	Yes
18	5498	18	9.5	225	Yes
19	5501	16	7.3	217	No
20	5491	17	8.4	242	Yes
21	5509	16	6	483	Yes
22	5492	18	9	470	Yes
23	5506	16	6.1	308	Yes
24	5493	17	7.7	498	Yes
25	5503	16	6.2	477	No
26	5501	18	9.9	375	Yes
27	5490	17	8.3	285	Yes
28	5505	17	8.2	433	Yes
29	5498	16	6.7	490	Yes
30	5496	17	7.6	202	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	5501	14	16	355	Yes
2	5510	12	11.3	487	Yes
3	5509	13	13.5	344	No
4	5493	16	19.4	288	Yes
5	5500	15	17.5	230	No
6	5491	14	15.3	432	No
7	5496	14	15.9	207	Yes
8	5505	13	14.3	443	Yes
9	5503	14	15.8	439	Yes
10	5498	12	11.5	223	Yes
11	5494	15	17.4	208	Yes
12	5507	16	19	463	Yes
13	5497	14	16	441	Yes
14	5499	13	13.8	323	Yes
15	5504	16	18.9	297	Yes
16	5508	14	15.5	412	Yes
17	5506	16	19.9	324	Yes
18	5490	13	14.1	271	Yes
19	5502	14	15.2	349	Yes
20	5492	13	13.8	409	Yes
21	5495	15	17.1	373	Yes
22	5501	13	13.8	254	Yes
23	5497	16	19.8	274	Yes
24	5503	14	15.3	278	Yes
25	5506	13	14.5	317	Yes
26	5509	12	11.3	260	Yes
27	5493	15	17.3	211	Yes
28	5496	16	19.2	272	Yes
29	5491	13	14.2	264	Yes
30	5510	15	18.2	284	Yes

Detection Rate: 90%

802.11ax (HE20) 5500MHz

Type 5 Radar Statistical Performances				
Trial Id	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	9	5500	LP_SIGNAL_01	Yes
2	18	5500	LP_SIGNAL_02	Yes
3	13	5500	LP_SIGNAL_03	Yes
4	15	5500	LP_SIGNAL_04	Yes
5	5	5500	LP_SIGNAL_05	No
6	13	5500	LP_SIGNAL_06	Yes
7	15	5500	LP_SIGNAL_07	Yes
8	12	5500	LP_SIGNAL_08	Yes
9	20	5500	LP_SIGNAL_09	Yes
10	6	5500	LP_SIGNAL_10	Yes
11	20	5498	LP_SIGNAL_11	Yes
12	8	5493.2	LP_SIGNAL_12	Yes
13	7	5492.8	LP_SIGNAL_13	Yes
14	20	5498	LP_SIGNAL_14	Yes
15	17	5496.8	LP_SIGNAL_15	Yes
16	5	5492	LP_SIGNAL_16	No
17	20	5498	LP_SIGNAL_17	Yes
18	19	5497.6	LP_SIGNAL_18	Yes
19	10	5494	LP_SIGNAL_19	No
20	14	5495.6	LP_SIGNAL_20	Yes
21	5	5508	LP_SIGNAL_21	Yes
22	16	5503.6	LP_SIGNAL_22	Yes
23	5	5508	LP_SIGNAL_23	No
24	11	5505.6	LP_SIGNAL_24	No
25	5	5508	LP_SIGNAL_25	Yes
26	20	5502	LP_SIGNAL_26	Yes
27	14	5504.4	LP_SIGNAL_27	Yes
28	13	5504.8	LP_SIGNAL_28	Yes
29	7	5507.2	LP_SIGNAL_29	No
30	11	5505.6	LP_SIGNAL_30	Yes

Detection Rate: 80%

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	No
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: 96.7%



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	5493	5	1672.2	89	598	Yes
2	5522	23	326.2	18	3066	Yes
3	5499	15	1253.1	67	798	Yes
4	5504	17	1193.3	63	838	Yes
5	5524	9	1474.9	78	678	Yes
6	5509	7	1567.4	83	638	Yes
7	5496	4	1730.1	92	578	Yes
8	5525	16	1222.5	65	818	Yes
9	5498	8	1519.8	81	658	Yes
10	5517	22	1066.1	57	938	Yes
11	5500	6	1618.1	86	618	No
12	5501	18	1165.5	62	858	Yes
13	5503	14	1285.3	68	778	Yes
14	5507	10	1432.7	76	698	Yes
15	5523	2	1858.7	99	538	Yes
16	5506	-	416.1	22	2403	Yes
17	5497	-	492.9	27	2029	Yes
18	5519	-	368.2	20	2716	Yes
19	5527	-	386.2	21	2589	Yes
20	5520	-	394.5	21	2535	Yes
21	5514	-	360.1	20	2777	Yes
22	5511	-	494.1	27	2024	Yes
23	5512	-	897.7	48	1114	Yes
24	5505	-	962.5	51	1039	Yes
25	5510	-	380.2	21	2630	Yes
26	5530	-	452.7	24	2209	Yes
27	5518	-	391.8	21	2552	Yes
28	5513	-	1083.4	58	923	Yes
29	5508	-	329.7	18	3033	Yes
30	5502	-	502	27	1992	Yes

Detection Rate: 96.7%

802.11ax (HE40) 5510MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5522	24	2	224	Yes
2	5504	29	4.5	219	Yes
3	5513	26	3.2	167	Yes
4	5530	27	3.7	216	Yes
5	5508	23	1.1	179	Yes
6	5495	26	3.1	181	Yes
7	5497	27	3.7	188	Yes
8	5498	26	2.9	155	No
9	5503	29	4.8	214	Yes
10	5500	23	1.5	195	Yes
11	5507	29	4.9	201	Yes
12	5516	24	1.8	197	Yes
13	5510	23	1.5	158	No
14	5524	29	4.9	222	Yes
15	5519	28	4.2	185	Yes
16	5515	23	1	173	Yes
17	5506	29	4.8	190	Yes
18	5499	29	4.5	200	Yes
19	5521	25	2.3	165	Yes
20	5525	27	3.4	177	No
21	5514	23	1	183	Yes
22	5526	28	4	156	Yes
23	5523	23	1.1	213	Yes
24	5494	25	2.7	229	Yes
25	5492	23	1.2	206	Yes
26	5509	29	4.9	203	Yes
27	5501	26	3.3	163	Yes
28	5517	26	3.2	182	Yes
29	5520	24	1.7	166	Yes
30	5496	25	2.6	210	Yes
					Detection Rate: 90%

802.11ax (HE40) 5510MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5490	16	7	239	Yes
2	5528	18	9.5	335	Yes
3	5529	17	8.2	411	No
4	5506	18	8.7	224	Yes
5	5497	16	6.1	428	No
6	5499	17	8.1	332	Yes
7	5491	17	8.7	491	Yes
8	5501	17	7.9	348	No
9	5492	18	9.8	206	Yes
10	5498	16	6.5	204	No
11	5496	18	9.9	438	Yes
12	5519	16	6.8	484	No
13	5502	16	6.5	344	Yes
14	5510	18	9.9	465	Yes
15	5521	18	9.2	444	Yes
16	5504	16	6	357	Yes
17	5511	18	9.8	423	Yes
18	5495	18	9.5	225	No
19	5509	16	7.3	217	Yes
20	5520	17	8.4	242	Yes
21	5517	16	6	483	Yes
22	5524	18	9	470	No
23	5523	16	6.1	308	Yes
24	5530	17	7.7	498	Yes
25	5512	16	6.2	477	Yes
26	5514	18	9.9	375	Yes
27	5513	17	8.3	285	Yes
28	5526	17	8.2	433	Yes
29	5518	16	6.7	490	Yes
30	5525	17	7.6	202	No

Detection Rate: 73.3%



802.11ax (HE40) 5510MHz

Type 4 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5492	14	16	355	Yes
2	5511	12	11.3	487	Yes
3	5524	13	13.5	344	Yes
4	5514	16	19.4	288	Yes
5	5501	15	17.5	230	Yes
6	5495	14	15.3	432	Yes
7	5522	14	15.9	207	Yes
8	5513	13	14.3	443	No
9	5498	14	15.8	439	Yes
10	5499	12	11.5	223	No
11	5500	15	17.4	208	Yes
12	5521	16	19	463	Yes
13	5504	14	16	441	No
14	5507	13	13.8	323	No
15	5512	16	18.9	297	Yes
16	5491	14	15.5	412	Yes
17	5529	16	19.9	324	Yes
18	5505	13	14.1	271	Yes
19	5526	14	15.2	349	No
20	5525	13	13.8	409	No
21	5502	15	17.1	373	Yes
22	5497	13	13.8	254	Yes
23	5508	16	19.8	274	Yes
24	5517	14	15.3	278	Yes
25	5494	13	14.5	317	Yes
26	5515	12	11.3	260	No
27	5516	15	17.3	211	Yes
28	5509	16	19.2	272	Yes
29	5530	13	14.2	264	No
30	5518	15	18.2	284	Yes

Detection Rate: 73.3%

802.11ax (HE40) 5510MHz

Type 5 Radar Statistical Performances				
Trial Id	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	12	5510	LP_SIGNAL_01	Yes
2	17	5510	LP_SIGNAL_02	Yes
3	13	5510	LP_SIGNAL_03	Yes
4	18	5510	LP_SIGNAL_04	Yes
5	13	5510	LP_SIGNAL_05	No
6	9	5510	LP_SIGNAL_06	Yes
7	7	5510	LP_SIGNAL_07	Yes
8	12	5510	LP_SIGNAL_08	Yes
9	7	5510	LP_SIGNAL_09	Yes
10	17	5510	LP_SIGNAL_10	Yes
11	10	5494	LP_SIGNAL_11	Yes
12	5	5492	LP_SIGNAL_12	No
13	5	5492	LP_SIGNAL_13	Yes
14	7	5492.8	LP_SIGNAL_14	Yes
15	17	5496.8	LP_SIGNAL_15	Yes
16	9	5493.6	LP_SIGNAL_16	Yes
17	7	5492.8	LP_SIGNAL_17	Yes
18	6	5492.4	LP_SIGNAL_18	Yes
19	14	5495.6	LP_SIGNAL_19	No
20	12	5494.8	LP_SIGNAL_20	No
21	10	5526	LP_SIGNAL_21	Yes
22	8	5526.8	LP_SIGNAL_22	Yes
23	16	5523.6	LP_SIGNAL_23	Yes
24	19	5522.4	LP_SIGNAL_24	No
25	5	5528	LP_SIGNAL_25	Yes
26	11	5525.6	LP_SIGNAL_26	Yes
27	7	5527.2	LP_SIGNAL_27	Yes
28	17	5523.2	LP_SIGNAL_28	Yes
29	20	5522	LP_SIGNAL_29	Yes
30	12	5525.2	LP_SIGNAL_30	Yes

Detection Rate: 83.3%

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	No
7	9	1	333.3	Yes
8	9	1	333.3	No
9	9	1	333.3	Yes
10	9	1	333.3	No
11	9	1	333.3	Yes
12	9	1	333.3	Yes
13	9	1	333.3	No
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	No
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: 83.3%

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	5541	5	1672.2	89	598	Yes
2	5542	23	326.2	18	3066	No
3	5521	15	1253.1	67	798	Yes
4	5497	17	1193.3	63	838	No
5	5555	9	1474.9	78	678	No
6	5528	7	1567.4	83	638	Yes
7	5551	4	1730.1	92	578	Yes
8	5569	16	1222.5	65	818	Yes
9	5506	8	1519.8	81	658	Yes
10	5526	22	1066.1	57	938	Yes
11	5501	6	1618.1	86	618	Yes
12	5499	18	1165.5	62	858	Yes
13	5547	14	1285.3	68	778	Yes
14	5559	10	1432.7	76	698	Yes
15	5505	2	1858.7	99	538	Yes
16	5562	-	416.1	22	2403	Yes
17	5529	-	492.9	27	2029	Yes
18	5508	-	368.2	20	2716	Yes
19	5543	-	386.2	21	2589	No
20	5510	-	394.5	21	2535	Yes
21	5548	-	360.1	20	2777	Yes
22	5500	-	494.1	27	2024	Yes
23	5540	-	897.7	48	1114	Yes
24	5509	-	962.5	51	1039	Yes
25	5520	-	380.2	21	2630	Yes
26	5516	-	452.7	24	2209	Yes
27	5539	-	391.8	21	2552	Yes
28	5493	-	1083.4	58	923	Yes
29	5519	-	329.7	18	3033	Yes
30	5511	-	502	27	1992	Yes

Detection Rate: 86.7%

802.11ax (HE80) 5530MHz

Type 2 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5511	24	2	224	Yes
2	5492	29	4.5	219	Yes
3	5544	26	3.2	167	Yes
4	5525	27	3.7	216	Yes
5	5555	23	1.1	179	Yes
6	5518	26	3.1	181	Yes
7	5499	27	3.7	188	Yes
8	5551	26	2.9	155	Yes
9	5498	29	4.8	214	Yes
10	5541	23	1.5	195	Yes
11	5502	29	4.9	201	Yes
12	5517	24	1.8	197	No
13	5564	23	1.5	158	No
14	5504	29	4.9	222	Yes
15	5505	28	4.2	185	Yes
16	5524	23	1	173	No
17	5536	29	4.8	190	Yes
18	5533	29	4.5	200	Yes
19	5515	25	2.3	165	Yes
20	5531	27	3.4	177	Yes
21	5512	23	1	183	Yes
22	5562	28	4	156	Yes
23	5540	23	1.1	213	Yes
24	5493	25	2.7	229	Yes
25	5513	23	1.2	206	Yes
26	5516	29	4.9	203	No
27	5550	26	3.3	163	Yes
28	5548	26	3.2	182	Yes
29	5491	24	1.7	166	Yes
30	5556	25	2.6	210	Yes

Detection Rate: 86.7%



802.11ax (HE80) 5530MHz

Type 3 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5552	16	7	239	No
2	5569	18	9.5	335	Yes
3	5525	17	8.2	411	Yes
4	5499	18	8.7	224	Yes
5	5541	16	6.1	428	Yes
6	5544	17	8.1	332	Yes
7	5491	17	8.7	491	Yes
8	5498	17	7.9	348	Yes
9	5522	18	9.8	206	Yes
10	5521	16	6.5	204	No
11	5501	18	9.9	438	Yes
12	5502	16	6.8	484	Yes
13	5538	16	6.5	344	Yes
14	5540	18	9.9	465	Yes
15	5505	18	9.2	444	No
16	5530	16	6	357	No
17	5495	18	9.8	423	Yes
18	5534	18	9.5	225	No
19	5509	16	7.3	217	No
20	5548	17	8.4	242	No
21	5563	16	6	483	Yes
22	5528	18	9	470	Yes
23	5526	16	6.1	308	Yes
24	5561	17	7.7	498	Yes
25	5546	16	6.2	477	Yes
26	5516	18	9.9	375	Yes
27	5517	17	8.3	285	No
28	5518	17	8.2	433	Yes
29	5504	16	6.7	490	Yes
30	5553	17	7.6	202	Yes

Detection Rate: 73.3%



802.11ax (HE80) 5530MHz

Type 4 Radar Statistical Performances					
Trial Id	Radar Frequency (MHz)	Number of Pulses	Pulse Width (us)	PRI (us)	Detection
1	5532	14	16	355	No
2	5492	12	11.3	487	Yes
3	5547	13	13.5	344	Yes
4	5526	16	19.4	288	Yes
5	5495	15	17.5	230	Yes
6	5568	14	15.3	432	Yes
7	5503	14	15.9	207	Yes
8	5498	13	14.3	443	Yes
9	5491	14	15.8	439	Yes
10	5542	12	11.5	223	Yes
11	5545	15	17.4	208	Yes
12	5550	16	19	463	Yes
13	5494	14	16	441	Yes
14	5535	13	13.8	323	Yes
15	5512	16	18.9	297	Yes
16	5561	14	15.5	412	Yes
17	5528	16	19.9	324	Yes
18	5563	13	14.1	271	Yes
19	5501	14	15.2	349	Yes
20	5536	13	13.8	409	Yes
21	5538	15	17.1	373	Yes
22	5507	13	13.8	254	Yes
23	5513	16	19.8	274	Yes
24	5552	14	15.3	278	No
25	5515	13	14.5	317	Yes
26	5523	12	11.3	260	Yes
27	5537	15	17.3	211	Yes
28	5530	16	19.2	272	Yes
29	5533	13	14.2	264	Yes
30	5497	15	18.2	284	Yes

Detection Rate: 93.3%

802.11ax (HE80) 5530MHz

Type 5 Radar Statistical Performances				
Trial Id	Chirp Width (MHz)	Radar Frequency (MHz)	LP_SIGNAL_NO.	Detection
1	8	5530	LP_SIGNAL_01	Yes
2	5	5530	LP_SIGNAL_02	Yes
3	8	5530	LP_SIGNAL_03	Yes
4	7	5530	LP_SIGNAL_04	Yes
5	13	5530	LP_SIGNAL_05	Yes
6	19	5530	LP_SIGNAL_06	Yes
7	6	5530	LP_SIGNAL_07	Yes
8	5	5530	LP_SIGNAL_08	Yes
9	13	5530	LP_SIGNAL_09	Yes
10	18	5530	LP_SIGNAL_10	Yes
11	12	5495.8	LP_SIGNAL_11	Yes
12	14	5496.6	LP_SIGNAL_12	No
13	14	5496.6	LP_SIGNAL_13	Yes
14	19	5498.6	LP_SIGNAL_14	Yes
15	12	5495.8	LP_SIGNAL_15	Yes
16	7	5493.8	LP_SIGNAL_16	No
17	17	5497.8	LP_SIGNAL_17	Yes
18	19	5498.6	LP_SIGNAL_18	Yes
19	19	5498.6	LP_SIGNAL_19	Yes
20	16	5497.4	LP_SIGNAL_20	Yes
21	17	5562.2	LP_SIGNAL_21	Yes
22	19	5561.4	LP_SIGNAL_22	Yes
23	14	5563.4	LP_SIGNAL_23	Yes
24	17	5562.2	LP_SIGNAL_24	No
25	6	5566.6	LP_SIGNAL_25	No
26	12	5564.2	LP_SIGNAL_26	Yes
27	14	5563.4	LP_SIGNAL_27	Yes
28	14	5563.4	LP_SIGNAL_28	No
29	20	5561	LP_SIGNAL_29	Yes
30	10	5565	LP_SIGNAL_30	Yes

Detection Rate: 83.3%

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	No
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	No
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	No

Detection Rate: 90%

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.

The maximum EIRP of this device is 984.376 mW, and it has TPC functionality.

The UUT can adjust a transmitter's output power based on the signal level present at the receiver. TPC is auto controlled by software.

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 (DFS 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

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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

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: 11						
Chirp Center Frequency: 5500MHz						
Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	9	63.2	1251	-	-
2	3	9	93	1099	1203	1528
3	2	9	77.2	1842	1132	-
4	3	9	84.1	1139	1584	1206
5	1	9	52	1514	-	-
6	2	9	76.6	1696	1078	-
7	2	9	83	1188	1467	-
8	2	9	74.1	1282	1923	-
9	3	9	97.4	1521	1847	1791
10	1	9	56.1	1558	-	-
11	3	9	98.7	1315	1204	1306



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_02
Number of Bursts in Trial: 19
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	18	60.2	1801	-	-
2	1	18	56.5	1403	-	-
3	3	18	97.8	1719	1959	1990
4	3	18	89.1	1916	1920	1723
5	1	18	50.9	1175	-	-
6	3	18	97.6	1053	1186	1250
7	3	18	93.8	1138	1234	1548
8	1	18	66.3	1699	-	-
9	2	18	80.4	1405	1177	-
10	1	18	50.2	1575	-	-
11	3	18	86.8	1319	1339	1393
12	1	18	52.4	1085	-	-
13	2	18	70.8	1861	1355	-
14	1	18	52.6	1999	-	-
15	3	18	98.2	1742	1522	1609
16	2	18	78.4	1300	1573	-
17	2	18	77.9	1899	1729	-
18	1	18	58.8	1692	-	-
19	2	18	70.5	1668	1182	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_03
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	13	52.3	1596	-	-
2	3	13	88.8	1292	1975	1156
3	3	13	97.5	1388	1281	1285
4	2	13	79.5	1036	1287	-
5	1	13	51.1	1299	-	-
6	3	13	90.2	1345	1623	1163
7	3	13	95.6	1280	1240	1715
8	3	13	86.9	1010	1887	1098
9	2	13	72.7	1066	1561	-
10	2	13	79.2	1174	1983	-
11	3	13	96.5	1655	1446	1932
12	2	13	69.2	1241	1507	-
13	3	13	92.6	1858	1284	1006
14	3	13	99.5	1811	1981	1346
15	2	13	78	1183	1258	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_04
Number of Bursts in Trial: 16
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	96.5	1057	1829	1321
2	2	15	75.1	1700	1650	-
3	3	15	91.7	1152	1273	1367
4	2	15	74.6	1912	1014	-
5	2	15	69.7	1935	1783	-
6	1	15	59.9	1084	-	-
7	2	15	76.8	1733	1675	-
8	1	15	53.1	1245	-	-
9	2	15	68.9	1756	1195	-
10	1	15	50	1142	-	-
11	2	15	76.4	1608	1048	-
12	3	15	90.6	1782	1443	1061
13	1	15	56.3	1870	-	-
14	2	15	81.4	1354	1395	-
15	1	15	53.9	1480	-	-
16	3	15	98.2	1896	1785	1005

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_05
Number of Bursts in Trial: 8
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	55	1081	-	-
2	1	5	65.3	1524	-	-
3	2	5	76.9	1929	1493	-
4	1	5	53.8	1476	-	-
5	1	5	59.9	1333	-	-
6	1	5	62.8	1749	-	-
7	2	5	77.1	1119	1565	-
8	3	5	96.7	1331	1746	1176



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_06
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	99	1503	1924	1407
2	1	13	55.4	1682	-	-
3	1	13	60.7	1063	-	-
4	2	13	71.1	1917	1474	-
5	3	13	87.1	1344	1541	1257
6	3	13	83.9	1589	1537	1598
7	2	13	81.1	1880	1889	-
8	3	13	94.3	1269	1231	1930
9	1	13	52.9	1955	-	-
10	3	13	92.8	1815	1856	1199
11	1	13	56.1	1914	-	-
12	2	13	73	1253	1448	-
13	3	13	86.8	1276	1043	1972
14	1	13	53.3	1289	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_07
Number of Bursts in Trial: 16
Chirp Center Frequency: 5500MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	15	89.2	1520	1813	1948
2	1	15	60.5	1326	-	-
3	2	15	75.6	1427	1795	-
4	3	15	85.7	1356	1944	1166
5	2	15	78.5	1050	1838	-
6	2	15	79.5	1205	1219	-
7	2	15	74.7	1404	1931	-
8	3	15	99.6	1515	1248	1803
9	3	15	89.2	1109	1167	1107
10	1	15	55.4	1442	-	-
11	2	15	68.7	1429	1894	-
12	2	15	81	1684	1374	-
13	3	15	91.5	1252	1992	1029
14	1	15	53.8	1591	-	-
15	1	15	65.7	1525	-	-
16	3	15	95.7	1892	1128	1239



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_08
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	68.1	1789	1765	-
2	3	12	83.7	1271	1288	1233
3	3	12	98.1	1421	1034	1044
4	3	12	95.1	1114	1657	1027
5	2	12	75.7	1263	1090	-
6	1	12	64.2	1901	-	-
7	3	12	99.3	1327	1320	1606
8	1	12	55.6	1074	-	-
9	1	12	66	1527	-	-
10	3	12	85	1621	1464	1482
11	2	12	68.9	1970	1883	-
12	2	12	82.1	1351	1469	-
13	3	12	87.7	1841	1640	1009
14	1	12	63.5	1599	-	-

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	2	20	75.3	1881	1127	-
2	2	20	81	1274	1648	-
3	1	20	61.4	1077	-	-
4	1	20	51.7	1570	-	-
5	2	20	76.2	1478	1019	-
6	1	20	66.3	1501	-	-
7	2	20	78.2	1626	1818	-
8	2	20	74.3	1123	1201	-
9	3	20	84.3	1165	1144	1809
10	3	20	97.6	1335	1753	1453
11	2	20	71.9	1153	1939	-
12	3	20	99.4	1900	1069	1389
13	1	20	66.2	1516	-	-
14	1	20	55.2	1502	-	-
15	1	20	52.4	1745	-	-
16	1	20	56	1193	-	-
17	3	20	92.5	1585	1534	1304
18	2	20	77.3	1747	1730	-
19	2	20	78.6	1015	1202	-
20	1	20	57.2	1382	-	-



Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_10
 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	2	6	74.7	1508	1788	-
2	2	6	72.4	1718	1439	-
3	2	6	74.9	1097	1455	-
4	3	6	91.8	1602	1799	1376
5	2	6	77.7	1823	1748	-
6	2	6	74.9	1922	1672	-
7	1	6	61.3	1903	-	-
8	2	6	69.9	1089	1772	-
9	2	6	69.6	1008	1134	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_11
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5498MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	93.6	1370	1793	1594
2	1	20	60.5	1093	-	-
3	3	20	92.6	1607	1991	1504
4	1	20	61.9	1773	-	-
5	2	20	75.7	1659	1151	-
6	2	20	80.1	1353	1419	-
7	3	20	87.8	1001	1291	1396
8	2	20	69.6	1651	1819	-
9	3	20	89.7	1764	1338	1254
10	2	20	77.7	1634	1641	-
11	3	20	99.4	1064	1432	1627
12	2	20	67.4	1418	1874	-
13	3	20	93.9	1178	1519	1909
14	3	20	99.5	1362	1192	1977
15	1	20	50.4	1771	-	-
16	2	20	73.1	1848	1550	-
17	2	20	76.3	1888	1787	-
18	3	20	98.1	1740	1721	1638
19	3	20	94	1832	1593	1461
20	1	20	53.2	1218	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_12
Number of Bursts in Trial: 10
Chirp Center Frequency: 5493.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	8	59.9	1968	-	-
2	3	8	92.6	1072	1399	1032
3	3	8	91.7	1988	1458	1428
4	1	8	53.5	1686	-	-
5	2	8	80.4	1490	1347	-
6	3	8	88.9	1459	1698	1083
7	1	8	52.9	1485	-	-
8	1	8	56	1039	-	-
9	2	8	69.7	1549	1755	-
10	2	8	74	1279	1140	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_13
Number of Bursts in Trial: 9
Chirp Center Frequency: 5492.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	51.3	1489	-	-
2	1	7	54.9	1149	-	-
3	1	7	58.3	1605	-	-
4	1	7	54.6	1316	-	-
5	3	7	90.8	1154	1226	1247
6	3	7	87	1578	1643	1375
7	2	7	79.3	1677	1041	-
8	3	7	87.4	1631	1586	1323
9	3	7	90.6	1361	1466	1411



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_14
Number of Bursts in Trial: 20
Chirp Center Frequency: 5498MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	75.2	1744	1145	-
2	1	20	64.6	1971	-	-
3	3	20	86.5	1532	1301	1031
4	1	20	52.7	1028	-	-
5	3	20	99.7	1040	1486	1451
6	2	20	79.2	1488	1702	-
7	3	20	89.9	1553	1984	1492
8	2	20	80.8	1869	1511	-
9	2	20	73	1437	1030	-
10	2	20	74.5	1208	1734	-
11	2	20	68.6	1400	1013	-
12	1	20	51.3	1816	-	-
13	2	20	76.8	1087	1674	-
14	2	20	67.4	1845	1665	-
15	1	20	66.6	1844	-	-
16	1	20	59.7	1135	-	-
17	1	20	51	1088	-	-
18	2	20	68.9	1661	1024	-
19	3	20	89.1	1497	1915	1170
20	2	20	81.6	1921	1877	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_15
Number of Bursts in Trial: 18
Chirp Center Frequency: 5496.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	86.8	1854	1969	1825
2	2	17	77.1	1895	1473	-
3	2	17	81.8	1905	1615	-
4	3	17	99.9	1401	1025	1979
5	1	17	65.7	1652	-	-
6	2	17	76.3	1572	1408	-
7	3	17	94.5	1543	1430	1465
8	1	17	59.1	1802	-	-
9	3	17	89.3	1710	1212	1950
10	1	17	58.6	1897	-	-
11	1	17	63.5	1735	-	-
12	3	17	93.9	1129	1168	1383
13	3	17	89	1775	1689	1708
14	1	17	57.5	1047	-	-
15	2	17	68.7	1853	1904	-
16	3	17	88.7	1539	1761	1120
17	2	17	73.4	1259	1445	-
18	3	17	89.8	1058	1484	1189

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_16
Number of Bursts in Trial: 8
Chirp Center Frequency: 5492MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	92.1	1774	1390	1720
2	2	5	74.3	1852	1910	-
3	3	5	90.5	1094	1663	1191
4	1	5	58	1704	-	-
5	2	5	79.9	1592	1409	-
6	2	5	81.5	1566	1051	-
7	1	5	51.1	1691	-	-
8	2	5	72.7	1833	1583	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_17
Number of Bursts in Trial: 20
Chirp Center Frequency: 5498MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	20	74.5	1544	1805	-
2	3	20	87.5	1460	1664	1807
3	3	20	91.7	1886	1249	1849
4	3	20	94.9	1884	1717	1431
5	3	20	89.7	1000	1283	1213
6	2	20	68.1	1601	1349	-
7	3	20	90.3	1666	1369	1328
8	1	20	55.8	1878	-	-
9	1	20	53.7	1512	-	-
10	3	20	98.1	1161	1875	1580
11	2	20	82.9	1555	1111	-
12	3	20	86.6	1311	1637	1307
13	3	20	87.1	1857	1963	1947
14	2	20	73.3	1122	1873	-
15	3	20	84.8	1998	1743	1941
16	2	20	80.7	1831	1557	-
17	3	20	91.6	1420	1738	1470
18	1	20	64.3	1225	-	-
19	1	20	60.9	1309	-	-
20	2	20	74.8	1197	1617	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_18
Number of Bursts in Trial: 19
Chirp Center Frequency: 5497.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	19	62.4	1636	-	-
2	2	19	69.3	1002	1054	-
3	3	19	98.7	1360	1974	1441
4	2	19	78	1851	1244	-
5	3	19	86.3	1918	1310	1406
6	1	19	61.2	1426	-	-
7	2	19	76.8	1386	1997	-
8	1	19	64.8	1436	-	-
9	3	19	91.1	1928	1938	1576
10	2	19	78.8	1007	1817	-
11	3	19	97.3	1447	1117	1313
12	1	19	50.2	1982	-	-
13	3	19	98.8	1101	1517	1976
14	3	19	93	1255	1112	1468
15	1	19	51.7	1936	-	-
16	1	19	56.9	1554	-	-
17	2	19	67.5	1456	1925	-
18	3	19	94.4	1866	1758	1978
19	2	19	69	1371	1732	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_19
Number of Bursts in Trial: 12
Chirp Center Frequency: 5494MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	95.4	1483	1113	1568
2	1	10	53.6	1713	-	-
3	2	10	83.2	1200	1387	-
4	1	10	53.8	1148	-	-
5	2	10	70.6	1270	1146	-
6	1	10	55.7	1373	-	-
7	3	10	86.9	1864	1037	1217
8	1	10	52.7	1125	-	-
9	2	10	68.8	1612	1810	-
10	3	10	89.6	2000	1415	1141
11	1	10	59.7	1973	-	-
12	1	10	66.4	1422	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_20
Number of Bursts in Trial: 15
Chirp Center Frequency: 5495.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	14	65.6	1479	-	-
2	2	14	70.6	1075	1317	-
3	2	14	76.3	1949	1961	-
4	1	14	60.2	1653	-	-
5	1	14	55.2	1359	-	-
6	3	14	88.8	1110	1158	1076
7	1	14	63.6	1046	-	-
8	1	14	58.5	1229	-	-
9	2	14	78.5	1391	1590	-
10	3	14	91.3	1126	1108	1872
11	2	14	75.5	1697	1893	-
12	1	14	64.7	1221	-	-
13	2	14	74.9	1444	1911	-
14	1	14	50.8	1506	-	-
15	2	14	82.6	1582	1185	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_21
Number of Bursts in Trial: 8
Chirp Center Frequency: 5508MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	87.9	1834	1951	1104
2	3	5	94.1	1762	1716	1410
3	2	5	71.5	1294	1750	-
4	2	5	77.8	1706	1337	-
5	1	5	63.2	1784	-	-
6	3	5	97.2	1552	1564	1216
7	3	5	95.4	1402	1336	1017
8	1	5	65.6	1068	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_22
Number of Bursts in Trial: 17
Chirp Center Frequency: 5503.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	71.2	1358	1100	-
2	2	16	79.3	1224	1475	-
3	1	16	65.5	1681	-	-
4	2	16	78.1	1827	1322	-
5	2	16	72.2	1164	1821	-
6	3	16	99.5	1115	1752	1800
7	1	16	58.5	1806	-	-
8	1	16	58	1065	-	-
9	2	16	75.2	1846	1246	-
10	2	16	81.3	1171	1956	-
11	1	16	62.3	1646	-	-
12	2	16	81.6	1342	1628	-
13	2	16	79.7	1020	1937	-
14	2	16	72.4	1797	1669	-
15	2	16	82.8	1341	1116	-
16	3	16	96.6	1049	1890	1533
17	2	16	68.1	1481	1070	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_23
Number of Bursts in Trial: 8
Chirp Center Frequency: 5508MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	53.8	1709	-	-
2	3	5	85.9	1768	1645	1563
3	3	5	90.5	1676	1055	1597
4	1	5	54.1	1425	-	-
5	2	5	78.2	1348	1952	-
6	2	5	68.4	1169	1760	-
7	2	5	78.9	1776	1620	-
8	2	5	69.8	1662	1381	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_24
Number of Bursts in Trial: 13
Chirp Center Frequency: 5505.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	11	73.2	1690	1966	-
2	3	11	99.1	1707	1220	1763
3	1	11	58.6	1647	-	-
4	3	11	97.3	1926	1499	1529
5	1	11	61.7	1434	-	-
6	3	11	96.6	1727	1600	1804
7	2	11	69.2	1042	1023	-
8	2	11	70.3	1898	1701	-
9	1	11	54.9	1256	-	-
10	1	11	55.1	1986	-	-
11	2	11	81	1736	1477	-
12	3	11	89.8	1372	1724	1571
13	1	11	60.7	1958	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_25
Number of Bursts in Trial: 8
Chirp Center Frequency: 5508MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	91.4	1673	1060	1196
2	1	5	59.1	1639	-	-
3	2	5	70	1303	1822	-
4	2	5	83.2	1778	1215	-
5	1	5	50.2	1433	-	-
6	3	5	83.4	1695	1106	1885
7	1	5	62.5	1946	-	-
8	2	5	69.3	1622	1731	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_26
Number of Bursts in Trial: 20
Chirp Center Frequency: 5502MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	20	52.9	1509	-	-
2	1	20	65.4	1714	-	-
3	1	20	61.3	1907	-	-
4	2	20	75	1136	1618	-
5	1	20	59.7	1919	-	-
6	1	20	59.4	1942	-	-
7	1	20	61.3	1850	-	-
8	1	20	54.8	1859	-	-
9	1	20	61.4	1624	-	-
10	3	20	93.1	1162	1649	1368
11	1	20	60.8	1312	-	-
12	3	20	86.6	1180	1828	1397
13	1	20	58.2	1860	-	-
14	3	20	99.1	1394	1275	1722
15	1	20	50.4	1423	-	-
16	3	20	99.9	1227	1343	1867
17	1	20	60.8	1879	-	-
18	1	20	63.5	1003	-	-
19	3	20	84.8	1613	1703	1685
20	3	20	93.2	1222	1194	1567



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_27
Number of Bursts in Trial: 15
Chirp Center Frequency: 5504.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	14	61.3	1190	-	-
2	2	14	74.7	1633	1062	-
3	2	14	67.3	1022	1147	-
4	1	14	51.7	1352	-	-
5	1	14	56.7	1413	-	-
6	1	14	57.3	1642	-	-
7	1	14	62.4	1658	-	-
8	2	14	76.7	1902	1121	-
9	2	14	70.5	1546	1513	-
10	2	14	70.9	1644	1505	-
11	2	14	77.9	1518	1004	-
12	3	14	85.1	1155	2000	1330
13	1	14	66.3	1876	-	-
14	1	14	50.5	1018	-	-
15	2	14	70.2	1814	1035	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_28
Number of Bursts in Trial: 15
Chirp Center Frequency: 5504.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	13	83.6	1207	1133	1542
2	3	13	97.4	1540	1026	1906
3	2	13	72.2	1688	1933	-
4	1	13	52	1610	-	-
5	3	13	87.1	1863	1210	1236
6	1	13	57.9	1272	-	-
7	1	13	65.4	1577	-	-
8	3	13	93.6	1214	1412	1835
9	1	13	62.1	1463	-	-
10	2	13	70.1	1705	1989	-
11	1	13	53.1	1262	-	-
12	1	13	52.5	1318	-	-
13	3	13	92.4	1340	1364	1780
14	1	13	58.6	1293	-	-
15	2	13	70.2	1332	1993	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_29
Number of Bursts in Trial: 10
Chirp Center Frequency: 5507.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	7	72.4	1495	1679	-
2	3	7	86.8	1296	1683	1836
3	3	7	98.7	1667	1767	1305
4	2	7	69.4	1855	1611	-
5	1	7	57.9	1157	-	-
6	2	7	78.2	1927	1759	-
7	3	7	98.1	1105	1995	1547
8	1	7	59.5	1726	-	-
9	2	7	68.3	1741	1325	-
10	1	7	52.3	1500	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_30
Number of Bursts in Trial: 13
Chirp Center Frequency: 5505.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	97	1181	1440	1980
2	3	11	84.6	1562	1184	1779
3	3	11	84.4	1452	1350	1868
4	3	11	90.5	1678	1228	1223
5	1	11	65.1	1943	-	-
6	2	11	75.8	1130	1498	-
7	2	11	70.2	1994	1712	-
8	1	11	57.7	1960	-	-
9	2	11	78.8	1953	1379	-
10	2	11	66.8	1131	1366	-
11	1	11	52.5	1560	-	-
12	3	11	88.7	1278	1957	1934
13	1	11	61.4	1016	-	-

802.11ax (HE40) 5510MHz

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_01
 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	74.4	1970	1092	-
2	3	12	89.7	1844	1046	1802
3	2	12	76.7	1643	1710	-
4	3	12	90.8	1659	1626	1149
5	2	12	77.8	1108	1598	-
6	1	12	63.5	1627	-	-
7	1	12	57	1589	-	-
8	2	12	75	1309	1097	-
9	1	12	59.2	1300	-	-
10	3	12	90.6	1622	1567	1950
11	2	12	67	1788	1809	-
12	1	12	50.5	1013	-	-
13	1	12	50.3	1837	-	-
14	1	12	57.9	1306	-	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_02
 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	17	89.1	1244	1528	1211
2	1	17	63.2	1826	-	-
3	1	17	57.7	1516	-	-
4	1	17	53.7	1377	-	-
5	2	17	79.9	1740	1967	-
6	2	17	74	1969	1095	-
7	2	17	66.7	1179	1437	-
8	1	17	59.4	1409	-	-
9	3	17	86.9	1250	1163	1582
10	3	17	95.6	1502	1989	1825
11	1	17	51.6	1042	-	-
12	2	17	69.7	1986	1928	-
13	1	17	58.3	1113	-	-
14	3	17	87.7	1500	1252	1096
15	3	17	96.9	1486	1359	1741
16	2	17	73.2	1161	1079	-
17	3	17	87	1260	1742	1558
18	2	17	70.4	1115	1752	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_03
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	98.5	1086	1363	1774
2	3	13	92.1	1623	1886	1913
3	2	13	75.7	1747	1130	-
4	1	13	61.8	1662	-	-
5	1	13	59.7	1144	-	-
6	2	13	77.6	1625	1404	-
7	1	13	58.3	1621	-	-
8	1	13	63.1	1286	-	-
9	2	13	80.4	1073	1190	-
10	1	13	58.1	1795	-	-
11	2	13	78.6	1575	1571	-
12	1	13	56	1668	-	-
13	3	13	91.7	1713	1574	1420
14	3	13	86.8	1893	1381	1369

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_04
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	95.3	1228	1936	1100
2	3	18	99.5	1430	1922	1694
3	2	18	73.4	1048	1832	-
4	3	18	85.8	1669	1879	1051
5	2	18	68	1674	1015	-
6	1	18	52.1	1368	-	-
7	1	18	66.5	1592	-	-
8	2	18	70.7	1205	1114	-
9	1	18	50.1	1208	-	-
10	1	18	64.9	1230	-	-
11	1	18	52.7	1708	-	-
12	2	18	81.2	1341	1142	-
13	3	18	89.2	1467	1167	1240
14	1	18	58.1	1702	-	-
15	1	18	55.2	1039	-	-
16	2	18	69.3	1514	1945	-
17	2	18	78.1	1134	1242	-
18	3	18	86.1	1770	1938	1813



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_05
Number of Bursts in Trial: 15
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	53.6	1030	-	-
2	3	13	96.6	1485	1477	1933
3	1	13	52.1	1356	-	-
4	1	13	58.2	1791	-	-
5	2	13	82.2	1872	1449	-
6	2	13	77.2	1139	1374	-
7	1	13	53.4	1728	-	-
8	2	13	80.1	1553	1343	-
9	3	13	95.5	1235	1468	1779
10	2	13	66.7	1426	1522	-
11	3	13	93.7	1848	1965	1755
12	1	13	58.6	1707	-	-
13	2	13	80.9	1601	1793	-
14	2	13	80.9	1155	1170	-
15	1	13	53.8	1432	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_06
Number of Bursts in Trial: 11
Chirp Center Frequency: 5510MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	9	64.8	1332	-	-
2	2	9	74.5	1810	1593	-
3	1	9	58.8	1107	-	-
4	1	9	64.3	1983	-	-
5	1	9	61.1	1436	-	-
6	1	9	55.1	1854	-	-
7	3	9	84.9	1838	1145	1256
8	1	9	53.9	1093	-	-
9	2	9	77.7	1686	1951	-
10	3	9	91.9	1532	1610	1818
11	1	9	60.7	1631	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_07
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	7	59	1416	-	-
2	2	7	78.6	1218	1072	-
3	3	7	88.5	1724	1226	1008
4	1	7	50.1	2000	-	-
5	1	7	57.8	1717	-	-
6	1	7	61	1515	-	-
7	2	7	80	1222	1944	-
8	3	7	92.6	1396	1730	1998
9	1	7	52.4	1003	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_08
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	12	95.1	1128	1827	1700
2	3	12	84.7	1939	1956	1123
3	3	12	87	1314	1274	1452
4	2	12	67.3	1878	1712	-
5	3	12	96.2	1815	1869	1665
6	2	12	82.3	1840	1259	-
7	3	12	87.9	1463	1696	1632
8	1	12	56.6	1287	-	-
9	3	12	99.8	1151	1298	1958
10	2	12	77.1	1406	1199	-
11	3	12	91.5	1992	1267	1993
12	3	12	84.1	1732	1264	1117
13	2	12	71.9	1652	1410	-
14	2	12	77.3	1954	1905	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_09
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	2	7	74.4	1056	1328	-
2	3	7	83.6	1695	1065	1484
3	3	7	96.5	1543	1481	1133
4	1	7	54.9	1257	-	-
5	2	7	66.9	1324	1174	-
6	2	7	80.9	1974	1269	-
7	2	7	68.8	1299	1474	-
8	3	7	92.6	1722	1548	1129
9	2	7	74.4	1023	1186	-
10	1	7	66.3	1581	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_10
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	2	17	71.4	1657	1441	-
2	2	17	68.2	1851	1511	-
3	2	17	74.9	1541	1282	-
4	3	17	91.7	1829	1880	1076
5	3	17	95.3	1858	1253	1387
6	1	17	58.8	1010	-	-
7	2	17	82.6	1929	1942	-
8	2	17	78.6	1196	1680	-
9	3	17	88.3	1394	1636	1512
10	2	17	78.4	1007	1620	-
11	1	17	58.8	1336	-	-
12	2	17	80.1	1672	1132	-
13	3	17	87.5	1355	1885	1624
14	3	17	91.5	1442	1466	1536
15	2	17	68.1	1750	1549	-
16	2	17	78.9	1898	1413	-
17	2	17	67.3	1434	1613	-
18	2	17	78.2	1464	1414	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_11
Number of Bursts in Trial: 12
Chirp Center Frequency: 5494MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	54.2	1119	-	-
2	1	10	50.6	1349	-	-
3	1	10	50.4	1272	-	-
4	2	10	76.7	1641	1714	-
5	3	10	87.2	1763	1877	1037
6	1	10	51.2	1917	-	-
7	1	10	64	1493	-	-
8	1	10	66.6	1766	-	-
9	1	10	61.4	1012	-	-
10	1	10	56	1428	-	-
11	1	10	63.1	1141	-	-
12	1	10	61.7	1881	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_12
Number of Bursts in Trial: 8
Chirp Center Frequency: 5492MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	83.7	1765	1823	1633
2	1	5	52.4	1445	-	-
3	1	5	60.3	1902	-	-
4	2	5	70.6	1784	1209	-
5	3	5	96	1874	1333	1576
6	2	5	78	1439	1594	-
7	1	5	57.3	1749	-	-
8	3	5	96.2	1160	1429	1785



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_13
Number of Bursts in Trial: 8
Chirp Center Frequency: 5492MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	61.3	1480	-	-
2	3	5	90.9	1921	1546	1651
3	3	5	94.6	1551	1888	1981
4	1	5	62.9	1729	-	-
5	3	5	95.8	1069	1910	1064
6	3	5	93.6	1799	1612	1152
7	2	5	68.5	1026	1453	-
8	3	5	94.3	1016	1663	1034

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_14
Number of Bursts in Trial: 10
Chirp Center Frequency: 5492.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	7	96.1	1265	1188	1756
2	1	7	54.9	1099	-	-
3	3	7	86.9	1408	1289	1035
4	3	7	88.1	1943	1243	1303
5	1	7	63.6	1615	-	-
6	3	7	90.6	1701	1081	1344
7	3	7	88.4	1966	1891	1721
8	2	7	73.7	1870	1769	-
9	1	7	65.9	1520	-	-
10	3	7	94.7	1385	1890	1629



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_15
Number of Bursts in Trial: 18
Chirp Center Frequency: 5496.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	17	81.1	1261	1469	-
2	2	17	73.7	1975	1972	-
3	2	17	77.6	1435	1585	-
4	2	17	78.7	1764	1924	-
5	3	17	97.5	2000	1978	1058
6	2	17	76.5	1005	1319	-
7	1	17	65.5	1301	-	-
8	2	17	76.6	1552	1776	-
9	3	17	94.8	1470	1227	1906
10	1	17	56.3	1418	-	-
11	2	17	69.7	1147	1089	-
12	2	17	66.9	1098	1146	-
13	3	17	95.6	1036	1948	1342
14	3	17	90.1	1544	1953	1964
15	2	17	71.6	1340	1934	-
16	2	17	71.1	1850	1617	-
17	2	17	66.8	1835	1017	-
18	1	17	63.4	1876	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_16
Number of Bursts in Trial: 11
Chirp Center Frequency: 5493.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	9	56.1	1914	-	-
2	3	9	87.5	1738	1947	1090
3	2	9	80.9	1246	1326	-
4	3	9	93.6	1687	1091	1726
5	2	9	82.8	1853	1273	-
6	2	9	69.8	1720	1578	-
7	2	9	70.5	1559	1772	-
8	1	9	56.4	1526	-	-
9	2	9	69.2	1805	1597	-
10	2	9	75.1	1125	1618	-
11	3	9	98.2	1189	1111	1602



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_17
Number of Bursts in Trial: 10
Chirp Center Frequency: 5492.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	7	93.1	1366	1509	1868
2	1	7	64.1	1670	-	-
3	3	7	86.6	1607	1215	1499
4	1	7	54.7	1491	-	-
5	1	7	51.2	1718	-	-
6	3	7	97	1862	1400	1676
7	3	7	83.7	1664	1949	1677
8	2	7	68.6	1661	1383	-
9	2	7	82.6	1529	1063	-
10	3	7	93.4	1746	1071	1198

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_18
Number of Bursts in Trial: 8
Chirp Center Frequency: 5492.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	6	68	1923	1903	-
2	3	6	97.5	1834	1178	1478
3	2	6	69.1	1136	1505	-
4	3	6	98.8	1060	1534	1494
5	1	6	62.2	1767	-	-
6	2	6	74.6	1219	1563	-
7	2	6	79.2	1699	1122	-
8	1	6	59.4	1599	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_19
Number of Bursts in Trial: 15
Chirp Center Frequency: 5495.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	96.8	1220	1806	1831
2	1	14	66.5	1843	-	-
3	3	14	92.5	1028	1635	1573
4	2	14	73.7	1751	1995	-
5	2	14	75	1087	1590	-
6	2	14	67.6	1865	1389	-
7	2	14	78.5	1908	1104	-
8	1	14	63.8	1459	-	-
9	3	14	87.5	1619	1684	1401
10	3	14	91	1946	1421	1425
11	1	14	57.8	1024	-	-
12	1	14	58.2	1031	-	-
13	3	14	91.1	1103	1476	1168
14	1	14	57.3	1327	-	-
15	3	14	90.4	1350	1194	1454

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_20
Number of Bursts in Trial: 14
Chirp Center Frequency: 5494.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	78.5	1191	1926	-
2	1	12	51.6	1472	-	-
3	3	12	92.2	1583	1270	1175
4	2	12	83.1	1547	1941	-
5	1	12	62.1	1987	-	-
6	3	12	94.4	1225	1962	1841
7	3	12	93.2	1221	1682	1254
8	3	12	87.9	1566	1919	1990
9	1	12	52.5	1184	-	-
10	3	12	84.2	1334	1460	1907
11	2	12	70	1492	1775	-
12	3	12	88.2	1497	1758	1846
13	3	12	90.1	1656	1790	1330
14	1	12	61.7	1608	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_21
Number of Bursts in Trial: 12
Chirp Center Frequency: 5526MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	94.9	1302	1611	1214
2	2	10	70.5	1959	1419	-
3	3	10	95.2	1173	1080	1465
4	3	10	91.3	1859	1399	1900
5	3	10	97.1	1112	1001	1600
6	2	10	72.4	1733	1236	-
7	1	10	58.6	1705	-	-
8	1	10	55.6	1364	-	-
9	2	10	69.3	1019	1285	-
10	3	10	89.2	1105	1078	1451
11	2	10	69	1777	1153	-
12	2	10	76.3	1761	1811	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_22
Number of Bursts in Trial: 10
Chirp Center Frequency: 5526.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	8	87.5	1731	1216	1156
2	1	8	59.4	1736	-	-
3	3	8	92.7	1723	1716	1473
4	1	8	60.7	1882	-	-
5	2	8	74.4	1407	1083	-
6	1	8	52.3	1786	-	-
7	1	8	60.6	1653	-	-
8	1	8	57	1640	-	-
9	3	8	90.7	1376	1052	1059
10	3	8	97.2	1845	1760	1148



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_23
Number of Bursts in Trial: 17
Chirp Center Frequency: 5523.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	16	70	1382	1650	-
2	3	16	91.5	1562	1771	1006
3	2	16	67	1061	1433	-
4	1	16	65.1	1354	-	-
5	1	16	53.5	1711	-	-
6	2	16	78.6	1935	1278	-
7	3	16	90	1331	1984	1518
8	3	16	89.6	1380	1521	1814
9	1	16	55	1734	-	-
10	2	16	79.5	1135	1887	-
11	3	16	88.4	1787	1315	1603
12	1	16	52	1899	-	-
13	3	16	92.7	1565	1812	1569
14	2	16	70.4	1044	1391	-
15	1	16	62.6	1311	-	-
16	2	16	67	1288	1488	-
17	3	16	94	1054	1395	1280



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_24
Number of Bursts in Trial: 19
Chirp Center Frequency: 5522.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	84.9	1789	1165	1422
2	2	19	81.8	1782	1455	-
3	2	19	72.9	1159	1655	-
4	2	19	82.3	1683	1550	-
5	1	19	53	1570	-	-
6	1	19	64.1	1604	-	-
7	3	19	85.9	1675	1231	1101
8	1	19	56.8	1692	-	-
9	3	19	83.7	1388	1370	1980
10	3	19	95.3	1070	1671	1446
11	3	19	91.8	1047	1596	1367
12	1	19	59.8	1817	-	-
13	2	19	67.6	1296	1157	-
14	2	19	77.5	1896	1920	-
15	2	19	83.1	1475	1029	-
16	2	19	71.1	1855	1313	-
17	3	19	97.7	1513	1930	1932
18	1	19	50.5	1307	-	-
19	1	19	53.7	1138	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_25
Number of Bursts in Trial: 8
Chirp Center Frequency: 5528MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	74.2	1011	1338	-
2	2	5	81.9	1281	1780	-
3	2	5	68.8	1564	1504	-
4	2	5	80.1	1004	1852	-
5	1	5	65.6	1417	-	-
6	2	5	79.8	1447	1973	-
7	3	5	84.1	1568	1323	1304
8	3	5	89.5	1176	1735	1744



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_26
Number of Bursts in Trial: 13
Chirp Center Frequency: 5525.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	11	87.9	1698	1440	1162
2	3	11	85.5	1595	1743	1628
3	2	11	66.8	1753	1768	-
4	2	11	72.3	1448	1654	-
5	3	11	98.1	1268	1538	1224
6	1	11	57.3	1523	-	-
7	1	11	58.3	1397	-	-
8	2	11	75.8	1540	1415	-
9	2	11	75.2	1503	1580	-
10	2	11	67.7	1365	1444	-
11	1	11	64.8	1458	-	-
12	2	11	66.9	1279	1137	-
13	2	11	77.3	1685	1405	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_27
Number of Bursts in Trial: 10
Chirp Center Frequency: 5527.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	7	81.2	1968	1393	-
2	1	7	58.2	1804	-	-
3	2	7	69.9	1025	1379	-
4	2	7	83.3	1955	1988	-
5	3	7	98.2	1587	1533	1639
6	2	7	79.7	1456	1706	-
7	3	7	87.4	1075	1321	1127
8	1	7	52	1106	-	-
9	1	7	55.3	1207	-	-
10	2	7	80.9	1329	1498	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_28
Number of Bursts in Trial: 17
Chirp Center Frequency: 5523.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	95	1185	1118	1797
2	2	17	69.9	1916	1266	-
3	1	17	58.9	1647	-	-
4	3	17	92.9	1646	1084	1535
5	1	17	62	1085	-	-
6	1	17	66	1238	-	-
7	1	17	51.7	1284	-	-
8	1	17	57.2	1927	-	-
9	1	17	52.5	1043	-	-
10	2	17	68.9	1022	1062	-
11	2	17	74.6	1796	1371	-
12	3	17	98.1	1860	1689	1864
13	2	17	71.4	1479	1427	-
14	2	17	66.8	1542	1009	-
15	2	17	72.9	1506	1561	-
16	3	17	93.8	1055	1166	1658
17	1	17	52.4	1630	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_29
Number of Bursts in Trial: 20
Chirp Center Frequency: 5522MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	20	59.2	1014	-	-
2	1	20	51.6	1372	-	-
3	1	20	57.8	1339	-	-
4	1	20	53.3	1378	-	-
5	2	20	82.8	1362	1660	-
6	3	20	83.6	1358	1501	1237
7	2	20	76.4	1673	1996	-
8	3	20	93.1	1050	1762	1200
9	2	20	73.7	1642	1725	-
10	3	20	99	1727	1124	1918
11	3	20	96.8	1102	1384	1262
12	2	20	67.4	1045	1690	-
13	1	20	50.1	1290	-	-
14	3	20	96.7	1524	1182	1068
15	3	20	87.5	1121	1525	1863
16	2	20	82.5	1803	1360	-
17	1	20	54.5	1041	-	-
18	2	20	71.9	1195	1249	-
19	1	20	52.4	1049	-	-
20	3	20	89.1	1325	1800	1822

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_30
Number of Bursts in Trial: 14
Chirp Center Frequency: 5525.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	64.5	1895	-	-
2	3	12	96.3	1232	1177	1821
3	1	12	59.7	1704	-	-
4	2	12	73.4	1053	1715	-
5	1	12	60.4	1295	-	-
6	1	12	62.3	1842	-	-
7	3	12	98	1819	1527	1375
8	1	12	52.7	1517	-	-
9	2	12	83.1	1120	1909	-
10	3	12	86.8	1794	1833	1867
11	1	12	53	1579	-	-
12	1	12	60.4	1002	-	-
13	1	12	54.4	1201	-	-
14	2	12	77.2	1508	1482	-

802.11ax (HE80) 5530MHz

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_01
 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	1	8	61.7	1933	-	-
2	1	8	51	1809	-	-
3	1	8	61.1	1371	-	-
4	1	8	58.1	1616	-	-
5	2	8	76.1	1506	1531	-
6	3	8	94.3	1162	1114	1590
7	1	8	53.4	1873	-	-
8	1	8	50.9	1365	-	-
9	2	8	77.2	1170	1285	-
10	3	8	93.4	1627	1864	1490
11	2	8	72.2	1737	1504	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_02
 Number of Bursts in Trial: 8
 Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	5	80	1521	1781	-
2	2	5	78.4	1031	1601	-
3	3	5	94.1	1321	1242	1388
4	2	5	74	1146	1245	-
5	1	5	56.7	1289	-	-
6	3	5	89	1343	1326	1304
7	3	5	94.8	1534	1484	1922
8	3	5	94.8	1419	1279	1693



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_03
Number of Bursts in Trial: 10
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	87	1726	1574	1564
2	3	8	89.8	1885	1030	1101
3	3	8	94.4	1212	1470	1638
4	2	8	79.9	1993	1028	-
5	3	8	87.7	1109	1137	1950
6	1	8	55.5	1463	-	-
7	2	8	73.5	1632	1536	-
8	2	8	81.2	1585	1741	-
9	2	8	78.5	1382	1228	-
10	3	8	98.9	1360	1286	1126

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_04
Number of Bursts in Trial: 10
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	66.1	1024	-	-
2	3	7	90	1264	1569	1833
3	1	7	65.3	1688	-	-
4	2	7	69.6	1208	1838	-
5	1	7	55.8	1050	-	-
6	2	7	67.8	1011	1932	-
7	3	7	85.7	1896	1217	1148
8	1	7	65.3	1571	-	-
9	1	7	52.4	1220	-	-
10	1	7	52.4	1171	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_05
Number of Bursts in Trial: 14
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	75.4	1763	1254	-
2	1	13	52.5	1261	-	-
3	1	13	60.9	1234	-	-
4	3	13	93.3	1442	1356	1324
5	2	13	68.3	1105	1639	-
6	2	13	81.6	1836	1540	-
7	2	13	71.2	1751	1467	-
8	2	13	82.4	1341	1691	-
9	1	13	58.1	1861	-	-
10	2	13	77.2	1768	1381	-
11	1	13	58.4	1784	-	-
12	2	13	81.9	1273	1036	-
13	1	13	50	1445	-	-
14	1	13	66.2	1312	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_06
Number of Bursts in Trial: 19
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	19	82.8	1379	1271	-
2	1	19	60.2	1822	-	-
3	2	19	67.3	1668	1641	-
4	2	19	71.2	1014	1352	-
5	2	19	73.5	1310	1852	-
6	1	19	52.6	1867	-	-
7	1	19	52.6	1043	-	-
8	1	19	63	1075	-	-
9	2	19	74.9	1466	1762	-
10	1	19	52	1981	-	-
11	1	19	61.1	1374	-	-
12	1	19	53.3	1298	-	-
13	1	19	56.9	1515	-	-
14	1	19	60.3	1718	-	-
15	2	19	72.6	1555	1528	-
16	2	19	76.3	1056	1941	-
17	3	19	88.4	1904	1389	1471
18	3	19	91.4	1069	1924	1316
19	3	19	86.5	1085	1692	2000



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_07
Number of Bursts in Trial: 8
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	92.3	1073	1019	1441
2	2	6	69.3	1617	1309	-
3	3	6	84.4	1826	1068	1621
4	2	6	78.9	1201	1547	-
5	1	6	51.1	1664	-	-
6	1	6	61.5	1147	-	-
7	1	6	56	1866	-	-
8	3	6	84.4	1808	1267	1140

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_08
Number of Bursts in Trial: 8
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	5	91.2	1211	1835	1703
2	2	5	73.1	1174	1615	-
3	1	5	51.3	1067	-	-
4	3	5	90.4	1798	1012	1634
5	3	5	84.2	1258	1397	1983
6	3	5	90	1554	1529	1074
7	3	5	99.2	1499	1704	1473
8	3	5	86.9	1283	1196	1175



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_09
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	13	95.6	1098	1452	1805
2	1	13	50.4	1648	-	-
3	1	13	64.4	1115	-	-
4	3	13	91.9	1439	1764	1520
5	3	13	99.8	1002	1495	1281
6	3	13	99.9	1697	1934	1689
7	1	13	62.4	1363	-	-
8	2	13	77.6	1806	1566	-
9	1	13	58.8	1121	-	-
10	2	13	82.2	1550	1792	-
11	1	13	64.9	1707	-	-
12	2	13	74.7	1770	1438	-
13	1	13	60.8	1132	-	-
14	1	13	59.8	1848	-	-
15	2	13	81.9	1215	1420	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_10
Number of Bursts in Trial: 19
Chirp Center Frequency: 5530MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	88.8	1735	1672	1260
2	2	18	67	1876	1276	-
3	3	18	95.4	1562	1355	1021
4	1	18	57.7	1847	-	-
5	3	18	96.9	1335	1093	1018
6	3	18	98.5	1004	1676	1778
7	2	18	81.4	1686	1184	-
8	1	18	66.2	1637	-	-
9	1	18	59.6	1446	-	-
10	2	18	67.4	1054	1803	-
11	2	18	68.3	1662	1722	-
12	1	18	61.5	1367	-	-
13	3	18	90	1769	1269	1224
14	2	18	73.6	1344	1787	-
15	1	18	61.7	1235	-	-
16	2	18	76.9	1407	1674	-
17	1	18	63.4	1372	-	-
18	1	18	57.7	1334	-	-
19	2	18	73.5	1595	1231	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_11
Number of Bursts in Trial: 13
Chirp Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	77	1926	1532	-
2	2	12	75.8	1236	1608	-
3	2	12	73.9	1017	1415	-
4	3	12	99.6	1284	1500	1351
5	3	12	86.7	1040	1475	1153
6	3	12	92.5	1783	1301	1480
7	1	12	56.9	1821	-	-
8	1	12	56.7	1871	-	-
9	2	12	70.1	1275	1771	-
10	2	12	69	1522	1357	-
11	3	12	96.7	1314	1580	1425
12	2	12	81.3	1401	1679	-
13	2	12	73.5	1219	1958	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_12
Number of Bursts in Trial: 15
Chirp Center Frequency: 5496.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	81.3	1858	1666	-
2	3	14	91.3	1107	1193	1097
3	1	14	62.6	1436	-	-
4	2	14	73.3	1545	1421	-
5	3	14	88.8	1587	1199	1472
6	2	14	82.3	1987	1665	-
7	1	14	52.2	1756	-	-
8	3	14	88.5	1159	1214	1092
9	1	14	64.2	1248	-	-
10	3	14	84.2	1252	1354	1434
11	1	14	54.8	1173	-	-
12	2	14	74.4	1928	1894	-
13	2	14	81.5	1796	1204	-
14	3	14	88.3	1729	1817	1345
15	2	14	72.4	1624	1155	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_13
Number of Bursts in Trial: 15
Chirp Center Frequency: 5496.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	14	54	1931	-	-
2	3	14	97.2	1832	1841	1477
3	1	14	55.2	1603	-	-
4	1	14	51.5	1937	-	-
5	2	14	66.9	1158	1844	-
6	3	14	87.4	1299	1033	1738
7	2	14	82.8	1120	1380	-
8	1	14	56	1963	-	-
9	1	14	64.8	1414	-	-
10	2	14	67.5	1006	1761	-
11	1	14	58.6	1906	-	-
12	1	14	65.2	1127	-	-
13	3	14	89.9	1044	1998	1991
14	3	14	91.7	1202	1510	1483
15	1	14	61.3	1375	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_14
Number of Bursts in Trial: 19
Chirp Center Frequency: 5498.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	97.3	1870	1647	1560
2	1	19	63	1094	-	-
3	3	19	86.2	1512	1135	1488
4	3	19	94.9	1156	1042	1690
5	2	19	80.2	1384	1743	-
6	3	19	98.8	1908	1331	1573
7	1	19	61	1144	-	-
8	3	19	88.4	1163	1099	1563
9	3	19	88.1	1084	1330	1481
10	2	19	81.1	1328	1892	-
11	1	19	55.5	1136	-	-
12	3	19	85.1	1765	1749	1626
13	1	19	62.8	1037	-	-
14	3	19	91.7	1750	1348	1370
15	2	19	69.1	1206	1820	-
16	2	19	75.1	1102	1383	-
17	1	19	55.2	1313	-	-
18	1	19	54.2	1373	-	-
19	3	19	84.6	1297	1416	1413



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_15
Number of Bursts in Trial: 14
Chirp Center Frequency: 5495.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	12	52.6	1827	-	-
2	2	12	73	1930	1453	-
3	1	12	63.7	1923	-	-
4	3	12	95.1	1178	1205	1423
5	1	12	64.3	1816	-	-
6	3	12	86.2	1546	1122	1825
7	3	12	98.6	1027	1959	1262
8	3	12	85.2	1266	1714	1947
9	3	12	97.8	1579	1046	1468
10	1	12	55.8	1398	-	-
11	2	12	80.1	1895	1336	-
12	2	12	67	1052	1117	-
13	1	12	62.3	1897	-	-
14	3	12	96.8	1586	1553	1064

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_16
Number of Bursts in Trial: 9
Chirp Center Frequency: 5493.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	7	52.9	1376	-	-
2	3	7	87	1752	1150	1346
3	3	7	91.9	1241	1474	1642
4	3	7	88.3	1818	1296	1216
5	3	7	86.7	1460	1143	1128
6	1	7	58	1712	-	-
7	2	7	73.6	1925	1287	-
8	3	7	93.1	1747	1394	1192
9	1	7	58.7	1003	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_17
Number of Bursts in Trial: 18
Chirp Center Frequency: 5497.8MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	17	67.1	1486	1696	-
2	2	17	70.4	1659	1556	-
3	1	17	61.4	1139	-	-
4	1	17	52.3	1516	-	-
5	2	17	70	1368	1125	-
6	1	17	64.4	1063	-	-
7	3	17	95.8	1514	1807	1247
8	3	17	92.4	1290	1489	1940
9	1	17	53.4	1440	-	-
10	1	17	61	1859	-	-
11	1	17	55.3	1410	-	-
12	3	17	89.1	1938	1829	1840
13	3	17	88.3	1302	1812	1745
14	3	17	83.5	1782	1854	1636
15	2	17	67.9	1650	1884	-
16	2	17	71.8	1323	1823	-
17	1	17	58.7	1059	-	-
18	2	17	81.7	1378	1190	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_18
Number of Bursts in Trial: 19
Chirp Center Frequency: 5498.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	19	63.5	1511	-	-
2	1	19	63.2	1709	-	-
3	2	19	82.6	1005	1570	-
4	1	19	58	1249	-	-
5	1	19	64	1620	-	-
6	3	19	93.2	1493	1785	1790
7	3	19	88.3	1404	1505	1307
8	1	19	59.8	1800	-	-
9	1	19	54.6	1588	-	-
10	2	19	77.3	1009	1755	-
11	3	19	86.9	1731	1259	1032
12	2	19	68.6	1936	1405	-
13	3	19	96.2	1909	1578	1715
14	1	19	60.9	1631	-	-
15	1	19	59.6	1457	-	-
16	1	19	64.2	1361	-	-
17	3	19	96.7	1045	1853	1862
18	2	19	74.6	1733	1942	-
19	1	19	52.8	1278	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_19
Number of Bursts in Trial: 19
Chirp Center Frequency: 5498.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	83.8	1754	1645	1954
2	2	19	78.5	1551	1390	-
3	2	19	70.8	1597	1527	-
4	1	19	52	1683	-	-
5	1	19	63.4	1497	-	-
6	2	19	76.7	1083	1675	-
7	1	19	56	1065	-	-
8	1	19	57	1797	-	-
9	1	19	57.7	1280	-	-
10	1	19	64.6	1899	-	-
11	1	19	53.4	1013	-	-
12	2	19	73.9	1318	1358	-
13	1	19	66.4	1610	-	-
14	2	19	78	1918	1649	-
15	2	19	76.3	1089	1865	-
16	1	19	60.1	1742	-	-
17	2	19	79.8	1195	1076	-
18	2	19	76.1	1223	1599	-
19	1	19	59.1	1739	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_20
Number of Bursts in Trial: 17
Chirp Center Frequency: 5497.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	16	56.3	1695	-	-
2	2	16	68.3	1422	1449	-
3	1	16	64	1687	-	-
4	1	16	60.2	1961	-	-
5	1	16	59.7	1392	-	-
6	2	16	68.4	1265	1967	-
7	1	16	55.4	1402	-	-
8	3	16	84.8	1431	1185	1774
9	1	16	64.8	1039	-	-
10	3	16	94.5	1123	1721	1268
11	2	16	79.4	1188	1912	-
12	2	16	74.1	1919	1469	-
13	3	16	86.9	1194	1106	1130
14	3	16	93.3	1846	1230	1939
15	2	16	68.9	1670	1108	-
16	2	16	74.9	1628	1494	-
17	1	16	53.2	1663	-	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_21
Number of Bursts in Trial: 18
Chirp Center Frequency: 5562.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	92.8	1081	1240	1773
2	1	17	61.2	1999	-	-
3	2	17	69.2	1319	1973	-
4	2	17	81.3	1898	1186	-
5	1	17	58	1606	-	-
6	3	17	86.1	1062	1255	1667
7	2	17	80.6	1734	1025	-
8	3	17	95.3	1660	1239	1034
9	1	17	51.2	1197	-	-
10	1	17	53.3	1517	-	-
11	2	17	70.4	1819	1350	-
12	3	17	90.7	1385	1882	1851
13	2	17	69.9	1518	1839	-
14	1	17	50.8	1869	-	-
15	2	17	79.8	1572	1263	-
16	3	17	88.1	1332	1277	1990
17	3	17	87.5	1403	1633	1501
18	2	17	68.3	1609	1948	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_22
Number of Bursts in Trial: 19
Chirp Center Frequency: 5561.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	19	84.6	1243	1874	1487
2	2	19	69.8	1565	1949	-
3	2	19	68.3	1804	1465	-
4	1	19	61.1	1095	-	-
5	3	19	83.6	1589	1306	1110
6	1	19	57.9	1962	-	-
7	3	19	91.9	1850	1951	1736
8	3	19	91.3	1393	1929	1903
9	1	19	62.5	1458	-	-
10	2	19	78.3	1426	1182	-
11	3	19	90.6	1952	1386	1801
12	1	19	66.6	1759	-	-
13	2	19	80.7	1485	1513	-
14	3	19	97.6	1172	1953	1119
15	1	19	53	1347	-	-
16	2	19	73.1	1625	1317	-
17	2	19	67.4	1164	1435	-
18	2	19	68.5	1479	1966	-
19	1	19	56.9	1913	-	-

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_23
Number of Bursts in Trial: 15
Chirp Center Frequency: 5563.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	77.9	1872	1491	-
2	3	14	98.4	1181	1605	1134
3	2	14	82.2	1611	1349	-
4	3	14	83.5	1901	1225	1233
5	1	14	64.9	1320	-	-
6	1	14	58.4	1000	-	-
7	1	14	65.1	1944	-	-
8	3	14	85.1	1843	1461	1592
9	3	14	94.2	1294	1720	1976
10	3	14	95	2000	1525	1464
11	3	14	93.7	1482	1200	1023
12	3	14	99.6	1503	1986	1600
13	3	14	86	1552	1656	1978
14	3	14	99.4	1537	1507	1055
15	2	14	75	1408	1977	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_24
Number of Bursts in Trial: 17
Chirp Center Frequency: 5562.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	84.4	1596	1387	1305
2	1	17	55	1007	-	-
3	3	17	84.9	1831	1713	1997
4	2	17	81.6	1717	1498	-
5	2	17	77.7	1417	1760	-
6	1	17	61.2	1176	-	-
7	3	17	89.4	1682	1145	1340
8	2	17	66.8	1086	1524	-
9	2	17	73.6	1708	1988	-
10	1	17	52.2	1971	-	-
11	1	17	54.7	1020	-	-
12	3	17	84.7	1824	1700	1974
13	2	17	72.7	1653	1863	-
14	2	17	72.9	1766	1711	-
15	3	17	87.6	1591	1890	1180
16	3	17	96.8	1308	1802	1581
17	3	17	83.4	1900	1598	1315

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_25
Number of Bursts in Trial: 9
Chirp Center Frequency: 5566.6MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	61.2	1957	-	-
2	2	6	81.2	1451	1187	-
3	1	6	59.6	1758	-	-
4	2	6	69.9	1112	1544	-
5	1	6	52.3	1678	-	-
6	3	6	86.4	1658	1702	1526
7	1	6	53.3	1685	-	-
8	1	6	52.6	1710	-	-
9	2	6	68.5	1412	1701	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_26
Number of Bursts in Trial: 14
Chirp Center Frequency: 5564.2MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	12	72.9	1353	1244	-
2	3	12	97.8	1654	1558	1746
3	3	12	96.3	1113	1772	1519
4	2	12	68.8	1058	1292	-
5	2	12	78.7	1698	1619	-
6	1	12	54.5	1538	-	-
7	2	12	67.2	1677	1203	-
8	1	12	55.7	1728	-	-
9	1	12	63.1	1103	-	-
10	3	12	98	1161	1623	1459
11	3	12	88.2	1889	1169	1411
12	3	12	85.8	1048	1496	1920
13	3	12	90.9	1777	1038	1238
14	3	12	95.7	1179	1026	1189

Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_27
Number of Bursts in Trial: 16
Chirp Center Frequency: 5563.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	14	88.5	1622	1748	1166
2	2	14	81.6	1424	1964	-
3	1	14	58.6	1886	-	-
4	2	14	81.2	1256	1542	-
5	1	14	60.2	1719	-	-
6	2	14	73.8	1730	1575	-
7	3	14	92.4	1635	1329	1881
8	1	14	62.1	1584	-	-
9	1	14	56.5	1661	-	-
10	3	14	98.2	1429	1502	1856
11	1	14	60.2	1786	-	-
12	3	14	88.4	1066	1213	1104
13	1	14	54.8	1300	-	-
14	3	14	89.8	1167	1612	1090
15	1	14	55	1399	-	-
16	2	14	82.1	1082	1902	-



Long Pulse Radar Test Signal
Test Signal Name: LP_SIGNAL_28
Number of Bursts in Trial: 15
Chirp Center Frequency: 5563.4MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	14	68.7	1972	1878	-
2	2	14	81.6	1100	1916	-
3	2	14	78.9	1980	1339	-
4	1	14	59.2	1652	-	-
5	3	14	88.4	1369	1366	1767
6	3	14	91.6	1338	1362	1602
7	2	14	70.5	1478	1270	-
8	1	14	54.7	1288	-	-
9	2	14	73.5	1476	1576	-
10	1	14	50.1	1015	-	-
11	2	14	67.4	1129	1001	-
12	2	14	67	1644	1684	-
13	1	14	59.8	1088	-	-
14	3	14	89.7	1327	1757	1875
15	1	14	58.5	1053	-	-



Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_29
 Number of Bursts in Trial: 20
 Chirp Center Frequency: 5561MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	20	97.7	1198	1891	1935
2	2	20	70.4	1955	1060	-
3	3	20	85.5	1779	1364	1057
4	2	20	71.1	1160	1047	-
5	3	20	88.4	1956	1406	1041
6	3	20	93.7	1725	1447	1237
7	1	20	55.1	1842	-	-
8	3	20	93.1	1535	1061	1409
9	2	20	78.9	1396	1776	-
10	2	20	76.1	1183	1118	-
11	1	20	60.7	1096	-	-
12	3	20	91.3	1443	1133	1887
13	3	20	98.1	1960	1191	1418
14	1	20	58.6	1295	-	-
15	3	20	90.4	1541	1359	1427
16	3	20	99.8	1716	1377	1227
17	2	20	77.5	1079	1246	-
18	1	20	50.6	1984	-	-
19	2	20	81.1	1915	1141	-
20	2	20	79.2	1071	1232	-

Long Pulse Radar Test Signal
 Test Signal Name: LP_SIGNAL_30
 Number of Bursts in Trial: 12
 Chirp Center Frequency: 5565MHz

Burst	Pulses per Burst	Chirp (MHz)	Pulse Width (us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	56.6	1462	-	-
2	1	10	56.8	1395	-	-
3	2	10	81.7	1322	1229	-
4	1	10	57.3	1008	-	-
5	3	10	97	1325	1226	1680
6	1	10	61	1910	-	-
7	1	10	53.9	1577	-	-
8	1	10	57.6	1979	-	-
9	1	10	60.1	1789	-	-
10	1	10	56.3	1593	-	-
11	2	10	75.4	1207	1138	-
12	1	10	52.3	1391	-	-

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