

TEST REPORT

CERTIFICATE OF CONFORMITY

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)
Report No.: RFBCMA-WTW-P24120364-4
FCC ID: RAXWE7224443B
Product: Verizon Wi-Fi Extender
Brand: Verizon
Model No.: CE1000A
Received Date: 2024/9/10
Test Date: 2024/11/4 ~ 2024/12/4
Issued Date: 2024/12/19

Applicant: Arcadyan Technology Corporation
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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
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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: _____



Wen Yu / Assistant Manager

, Date: _____

2024/12/19

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Prepared by : Claire Kuan / Specialist



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Release Control Record

Issue No.	Description	Date Issued
RFBCMA-WTW-P24120364-4	Original release.	2024/12/19

1 Certificate

Product: Verizon Wi-Fi Extender

Brand: Verizon

Test Model: CE1000A

Sample Status: Engineering sample

Applicant: Arcadyan Technology Corporation

Test Date: 2024/11/4 ~ 2024/12/4

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	Verizon Wi-Fi Extender
Brand	Verizon
Test Model	CE1000A
DFS Firmware/software version	3.4.0.3-eng0-20240904-tb3
Operational Mode	Master (with TPC function)
Operating Frequency Band	5.25 GHz ~ 5.35 GHz 5.47 GHz ~ 5.725 GHz

Note:

1. The EUT has 5GHz Chip as follow table:

Model	Important Note
MT7976A	5GH Modulation BW160
MT7975AN	5GF or 5GL Modulation BW80

2. Operating Frequency Bands and Mode of EUT as follow table:

Operational Mode	Operating Frequency Range	
	5250~5350MHz	5470~5725MHz
Master	✓	✓
Extender(Note)	✓	✓

Note: The Extender mode was validated by performing Statistical performance check one of radar types in the DFS band. This is an abbreviated test to verify the DFS functionality of the Extender for the master.

3. 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.

RF Radio	Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain(dBi)	Frequency range (GHz)	Antenna Type	Connector Type	Cable Length (mm)
Radio 1	ANT 1	0	PSA	WE7224443B-VR	2.71	2.4 ~ 2.4835	Dipole	ipex(MHF)	150
	ANT 4	1	PSA	WE7224443B-VR	2.59	2.4 ~ 2.4835	Dipole	ipex(MHF)	130
	ANT 8	2	PSA	WE7224443B-VR	2.99	2.4 ~ 2.4835	Dipole	ipex(MHF)	110
	ANT 10	3	PSA	WE7224443B-VR	4.12	2.4 ~ 2.4835	Dipole	ipex(MHF)	150
Radio 2	ANT 2	0	PSA	WE7224443B-VR	4.61	5.15 ~ 5.25	Dipole	ipex(MHF)	100
					4.02	5.25 ~ 5.35			
					4.09	5.47 ~ 5.725			
					4.27	5.725 ~ 5.85			
	ANT 5	1	PSA	WE7224443B-VR	2.66	5.15 ~ 5.25	Dipole	ipex(MHF)	150
					3.12	5.25 ~ 5.35			
					4.65	5.47 ~ 5.725			
					3.73	5.725 ~ 5.85			
	ANT 9	2	PSA	WE7224443B-VR	3.71	5.15 ~ 5.25	Dipole	ipex(MHF)	150
					3.92	5.25 ~ 5.35			
					3.83	5.47 ~ 5.725			
					3.36	5.725 ~ 5.85			
	ANT 11	3	PSA	WE7224443B-VR	3.27	5.15 GHz ~ 5.25	Dipole	ipex(MHF)	85
					3.49	5.25 GHz ~ 5.35			
					2.96	5.47 GHz ~ 5.725			
					2.93	5.725 GHz ~ 5.85			
Radio 3	ANT 3	0	PSA	WE7224443B-VR	2.77	5.47 ~ 5.725	Dipole	ipex(MHF)	150
					4.04	5.725 ~ 5.85			
					3.43	5.925 ~ 6.425			
					3.81	6.425 ~ 6.525			
					3.39	6.525 ~ 6.875			
					3.05	6.875 ~ 7.125			
	ANT 6	1	PSA	WE7224443B-VR	2.65	5.47 ~ 5.725	Dipole	ipex(MHF)	150
					2.23	5.725 ~ 5.85			
					2.79	5.925 ~ 6.425			
					2.07	6.425 ~ 6.525			
					2.9	6.525 ~ 6.875			
					2.59	6.875 ~ 7.125			
	ANT 7	2	PSA	WE7224443B-VR	3.35	5.47 ~ 5.725	Dipole	ipex(MHF)	120
					3.54	5.725 ~ 5.85			
					2.48	5.925 ~ 6.425			
					3.44	6.425 ~ 6.525			
					2.81	6.525 ~ 6.875			
					4.15	6.525 ~ 6.875			
	ANT 12	3	PSA	WE7224443B-VR	2.79	5.47 ~ 5.725	Dipole	ipex(MHF)	150
					3.09	5.725 ~ 5.85			
					0.95	5.925 ~ 6.425			
					1.8	6.425 ~ 6.525			
					3.7	6.525 ~ 6.875			
					3.14	6.525 ~ 6.875			
Radio 4	DFS ANT 13	0	PSA	WE7224443B-VR	4.8	5.15 ~ 5.85	Dipole	ipex(MHF)	150

* 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	248.809	23.96	4.02	627.865	27.98
	5470-5725	246.654	23.92	4.65	719.595	28.57
Beamforming	5250-5350	241.663	23.83	5.81	920.895	29.64
	5470-5725	238.285	23.77	5.7	885.313	29.47

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
EMI Test Receiver R&S	ESR7	102026	2024/3/25	2025/3/24
MXG Vector Signal Generator Agilent	N5182B	MY53051263	2024/8/3	2025/8/2
Programmable Step Attenuator Agilent	8496H-001	8496H-001_04	2024/10/30	2025/10/29

Notes:

1. The test was performed in DFS-1 room.
2. Tested Date: 2024/11/4 ~ 2024/12/4

4.2 Channel Availability Check Time

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

4.3 Channel Closing Transmission and Channel Move Time

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

4.4 Non-Occupancy Period

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

4.5 Statistical Performance Check

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

5 Limits of Test Items

5.1 Working Modes and Required Test Items

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

Table 1: Applicability of DFS Requirements Prior To Use a Channel

Requirement	Operational Mode		
	Master	Client without radar detection	Client with radar detection
Non-Occupancy Period	✓	✓ note	✓
DFS Detection Threshold	✓	Not required	✓
Channel Availability Check Time	✓	Not required	Not required
U-NII Detection Bandwidth	✓	Not required	✓

Note: Per KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02 section (b)(5/6), If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear. An analyzer plot that contains a single 30-minute sweep on the original channel.

Table 2: Applicability of DFS Requirements during Normal Operation.

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

Additional requirements for devices with multiple bandwidth modes	Master or Client with radar detection	Client without radar detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

5.2 Test Limits and Radar Signal Parameters

Detection Threshold Values

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

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

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

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Parameters of DFS Test Waveforms

Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Table 5: Short Pulse Radar Test Waveforms

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

Table 6: Long Pulse Radar Test Waveform

Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Number of Pulses Per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30
Three subsets of trials will be performed with a minimum of ten trials per subset. The subset of trials differ in where the Long Pulse Type 5 Signal is tuned in frequency. a) the Channel center frequency b) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth c) tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth It include 10 trails for every subset, the formula as below, For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel. For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2. The center frequency of the signal generator for each trial is calculated by: $FL + (0.4 * \text{Chirp Width [in MHz]})$ For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3. The center frequency of the signal generator for each trial is calculated by: $FH - (0.4 * \text{Chirp Width [in MHz]})$							

Table 7: Frequency Hopping Radar Test Waveform

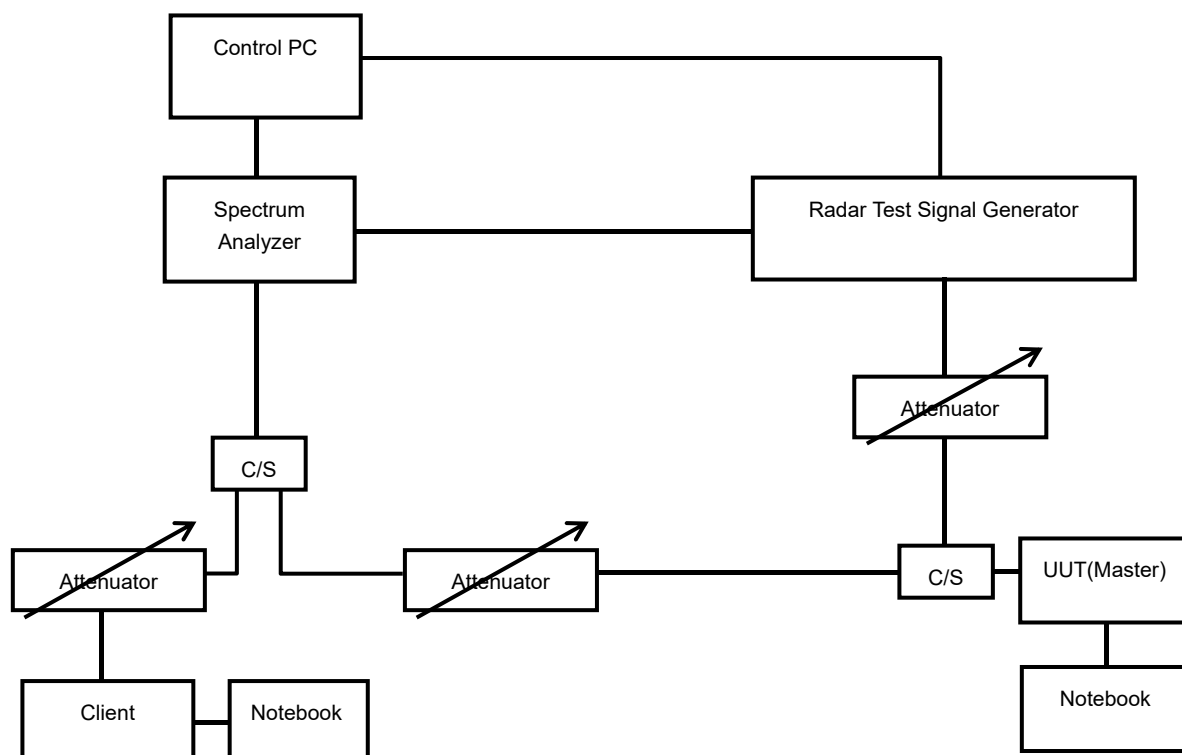
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

6 Test Arrangements

6.1 Test Setup

Conducted measurement

Master Mode



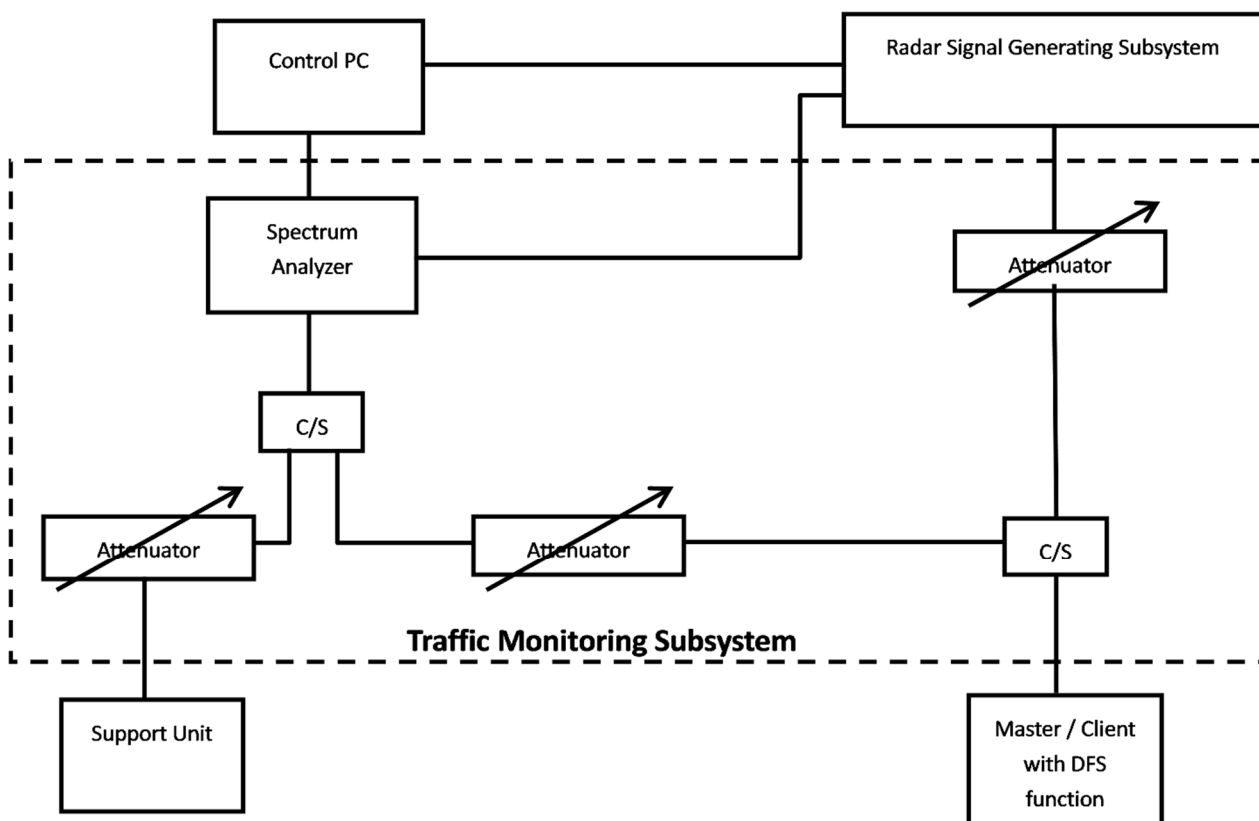
The UUT is a U-NII Device operating in Master mode. The radar test signals are injected into the Master Device.

6.2 Test Procedure

6.2.1 DFS Measurement System

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

Conducted Setup Configuration of DFS Measurement System



Channel Loading

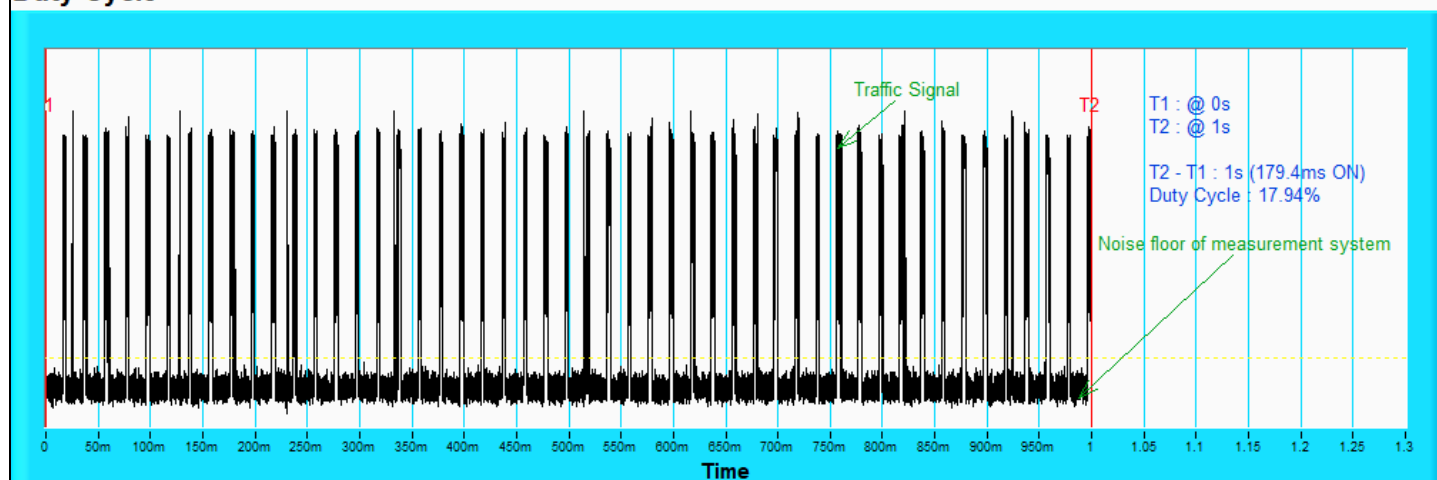
System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

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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.

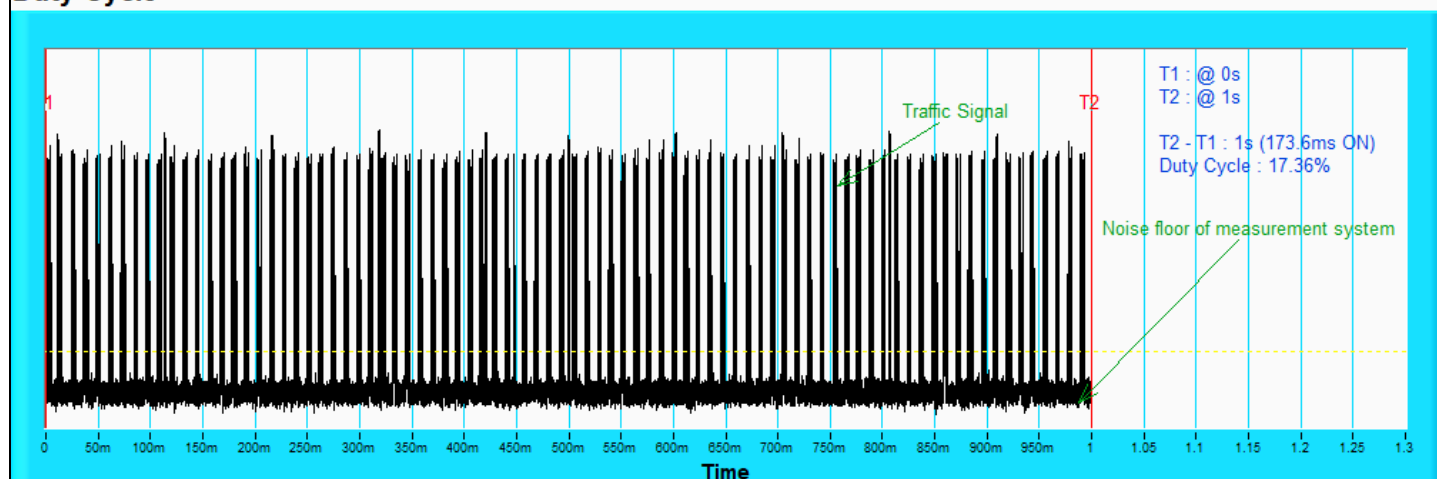
Plots of Channel Loading

Duty Cycle



802.11ax (HE20)

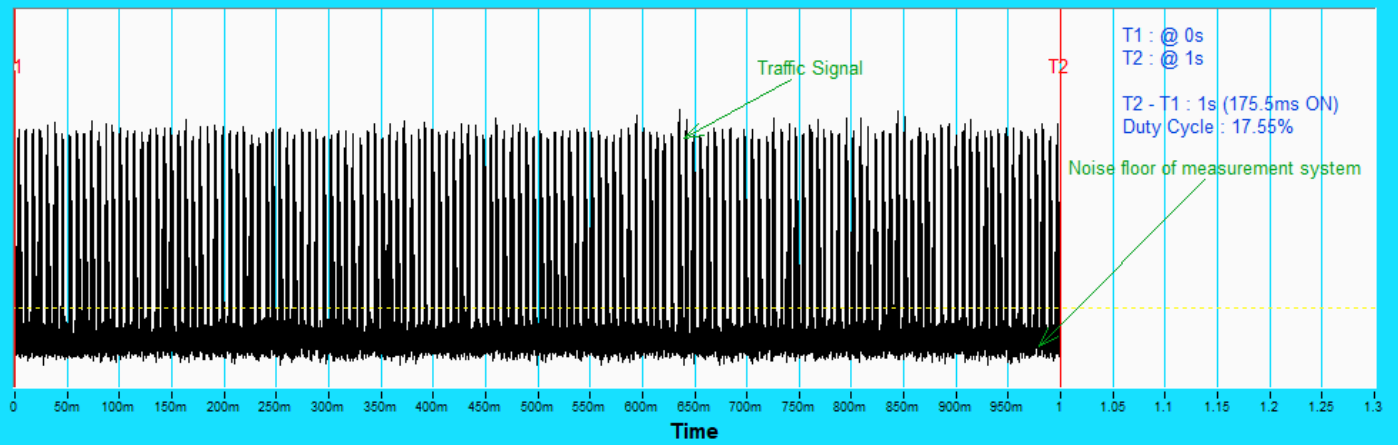
Duty Cycle



802.11ax (HE40)

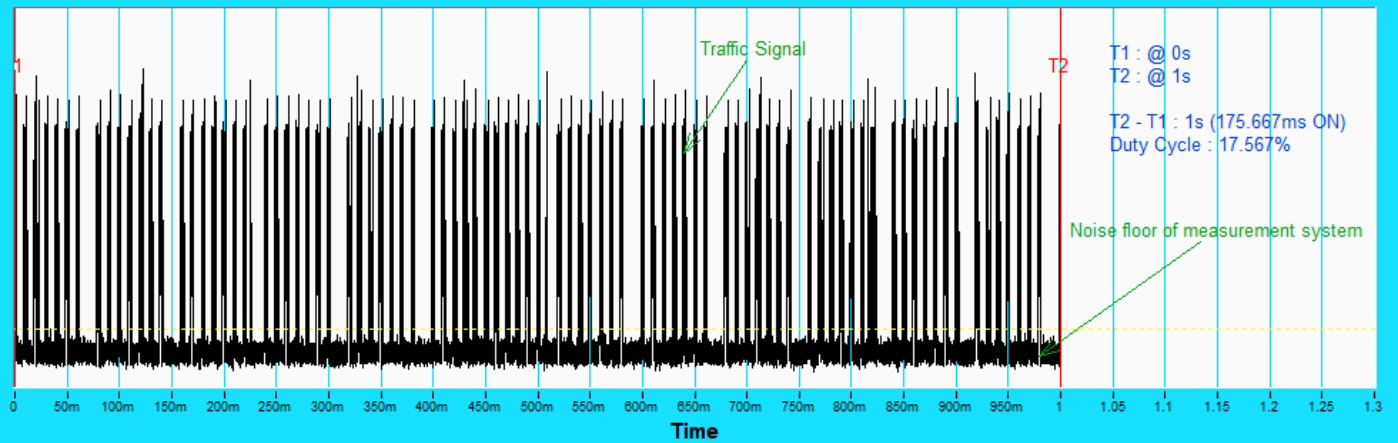
Plots of Channel Loading

Duty Cycle



802.11ax (HE80)

Duty Cycle

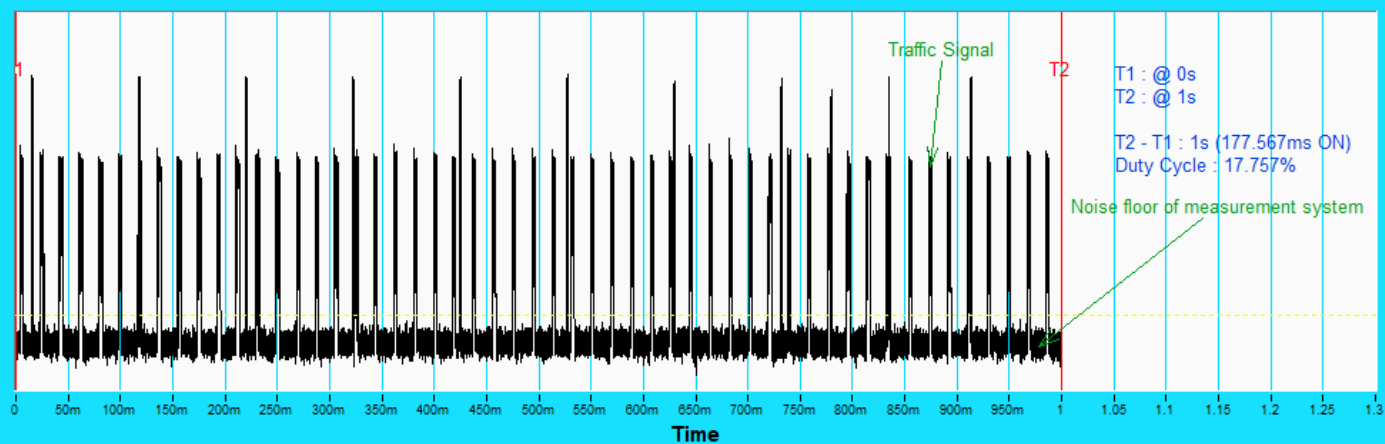


802.11ax (HE160)

MT7975AN

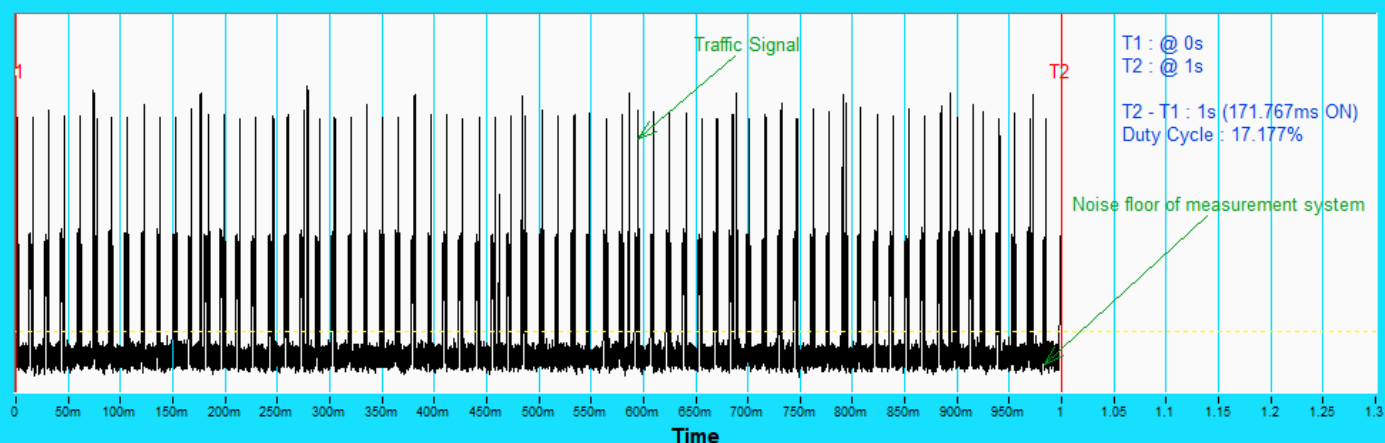
Plots of Channel Loading

Duty Cycle



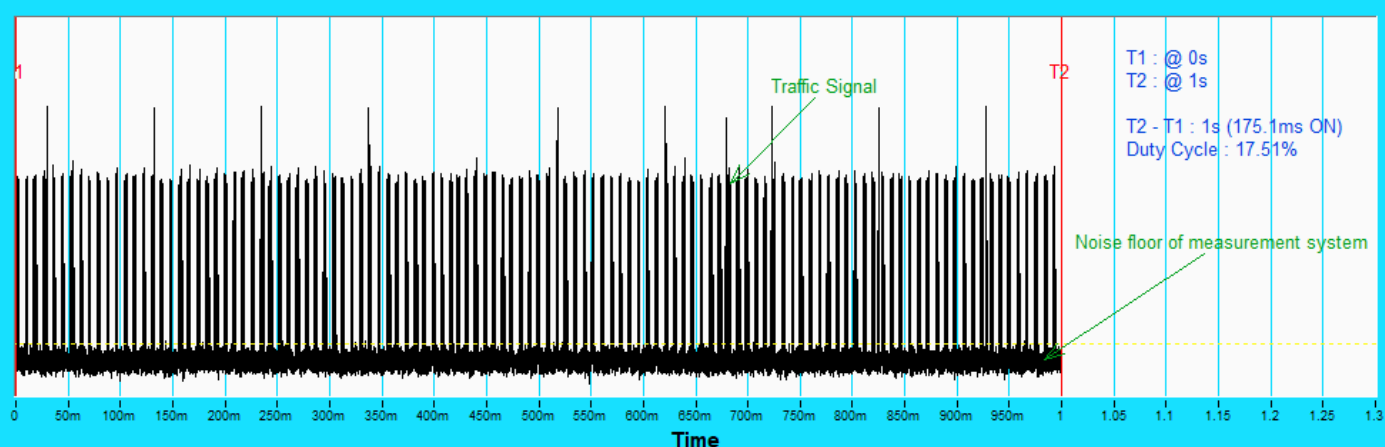
802.11ax (HE20)

Duty Cycle



802.11ax (HE40)

Duty Cycle



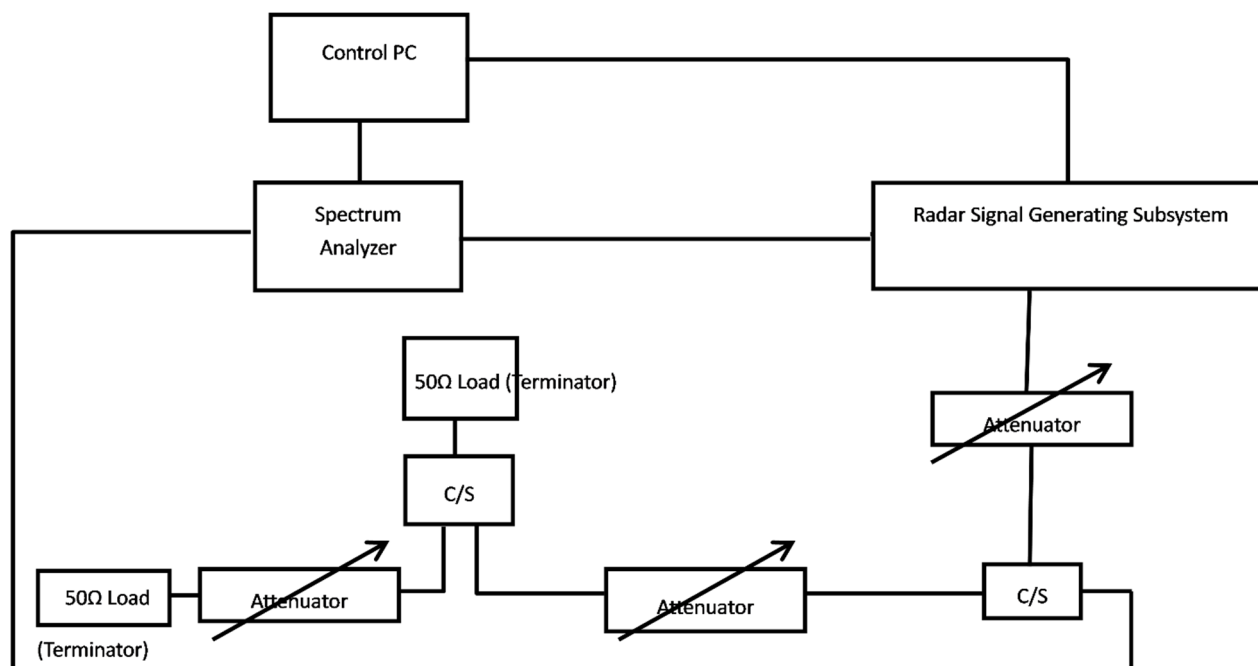
802.11ax (HE80)

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

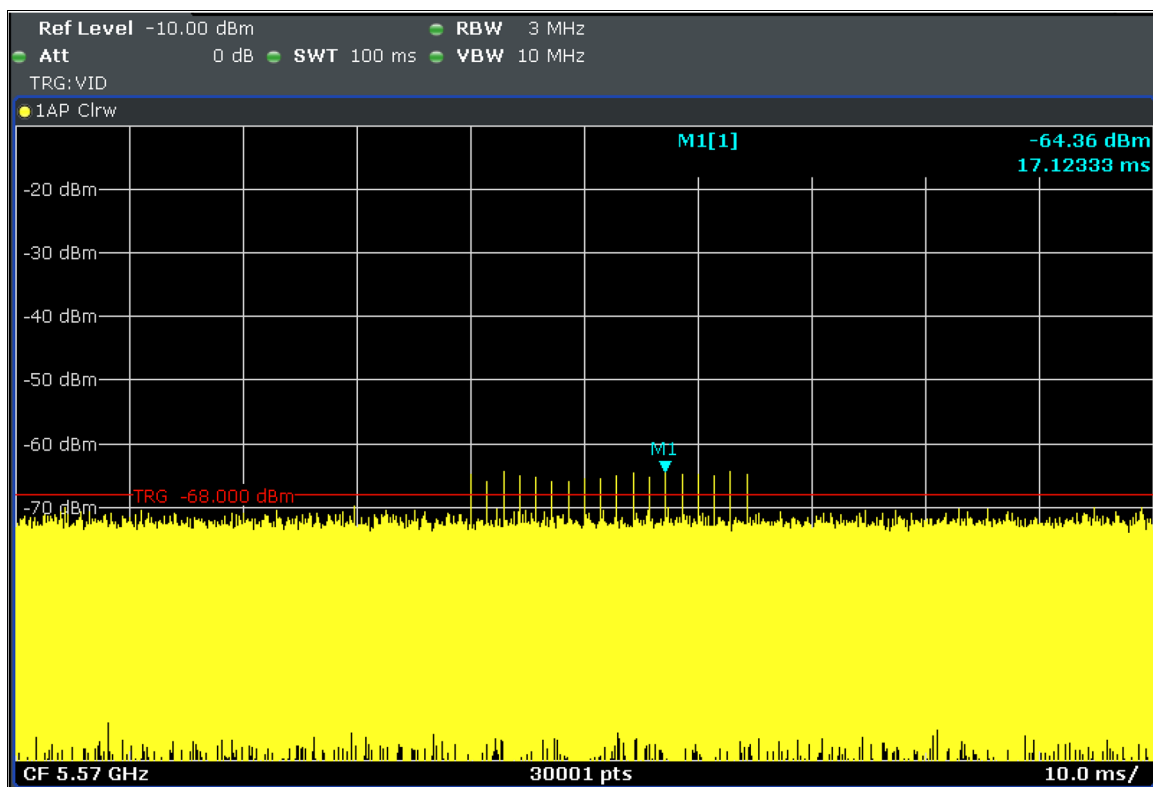
Test Mode: Device Operating in Master Mode

The radar test waveforms are injected into the Master.

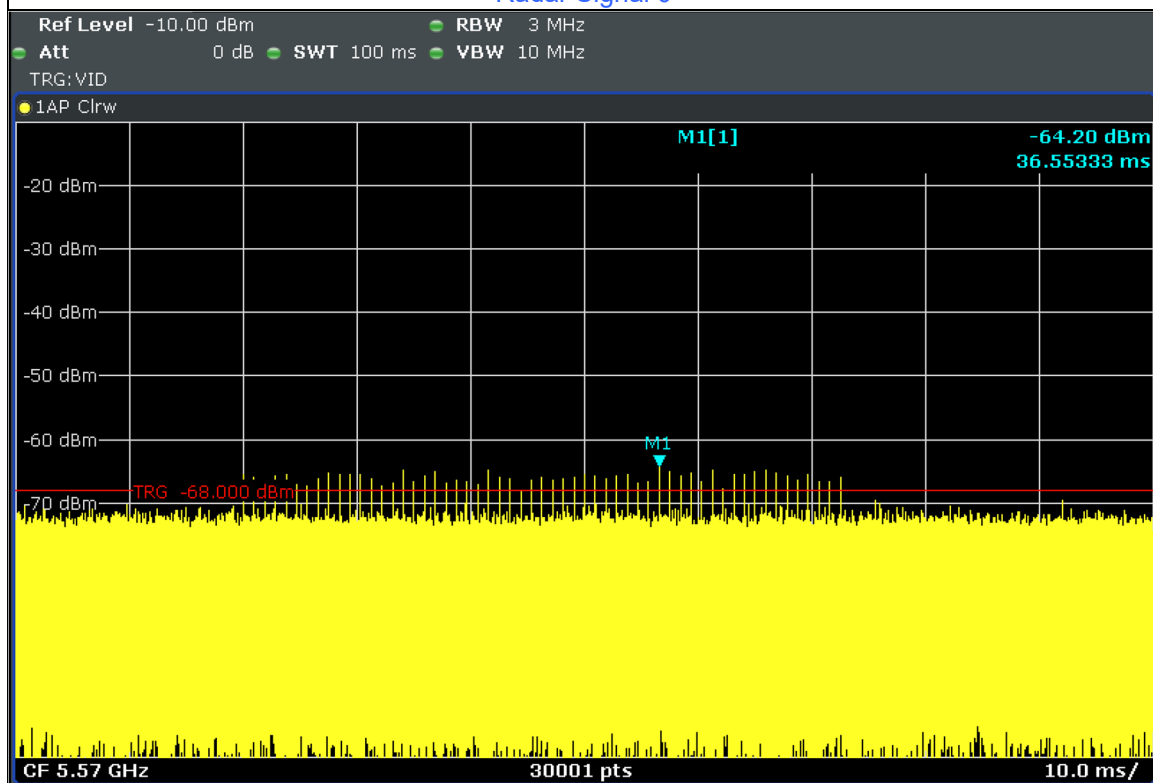
The antenna net gain is 2.65 dBi.

DFS Detection Threshold = -64 dBm + 2.65 dBi + 1 dB = -60.35 dBm

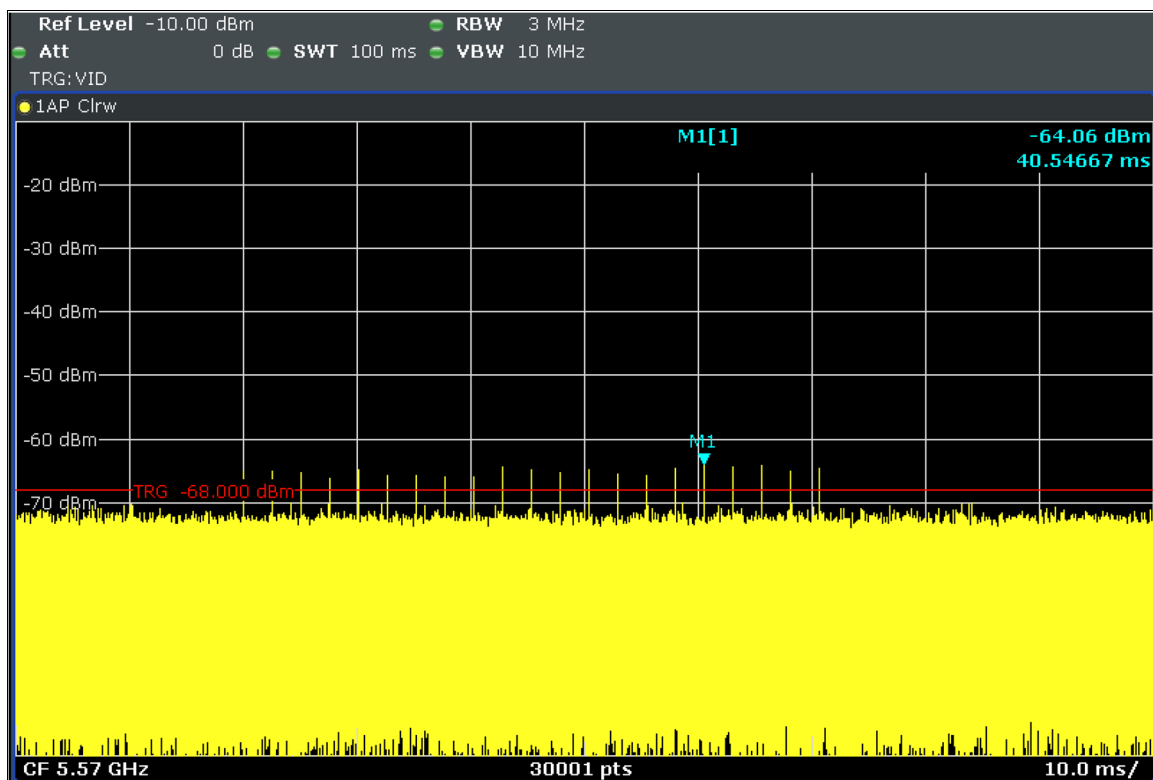
The calibrated conducted detection threshold level is lower than -64 dBm.



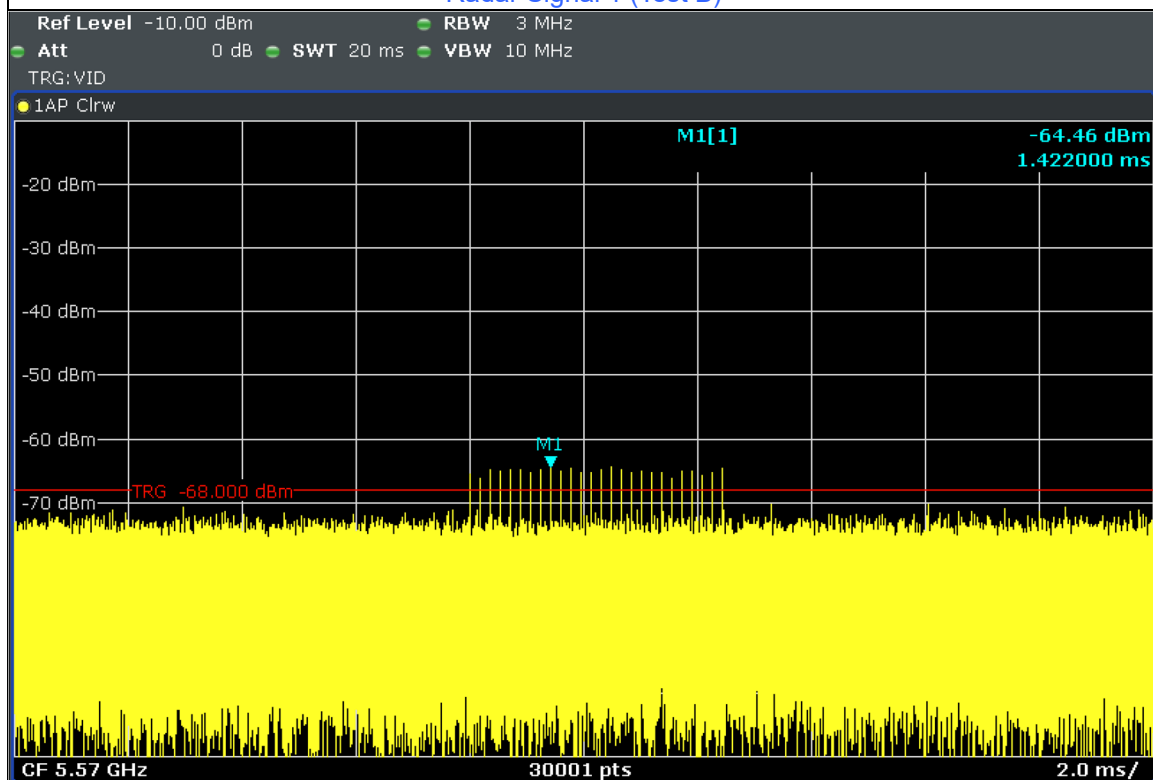
Radar Signal 0



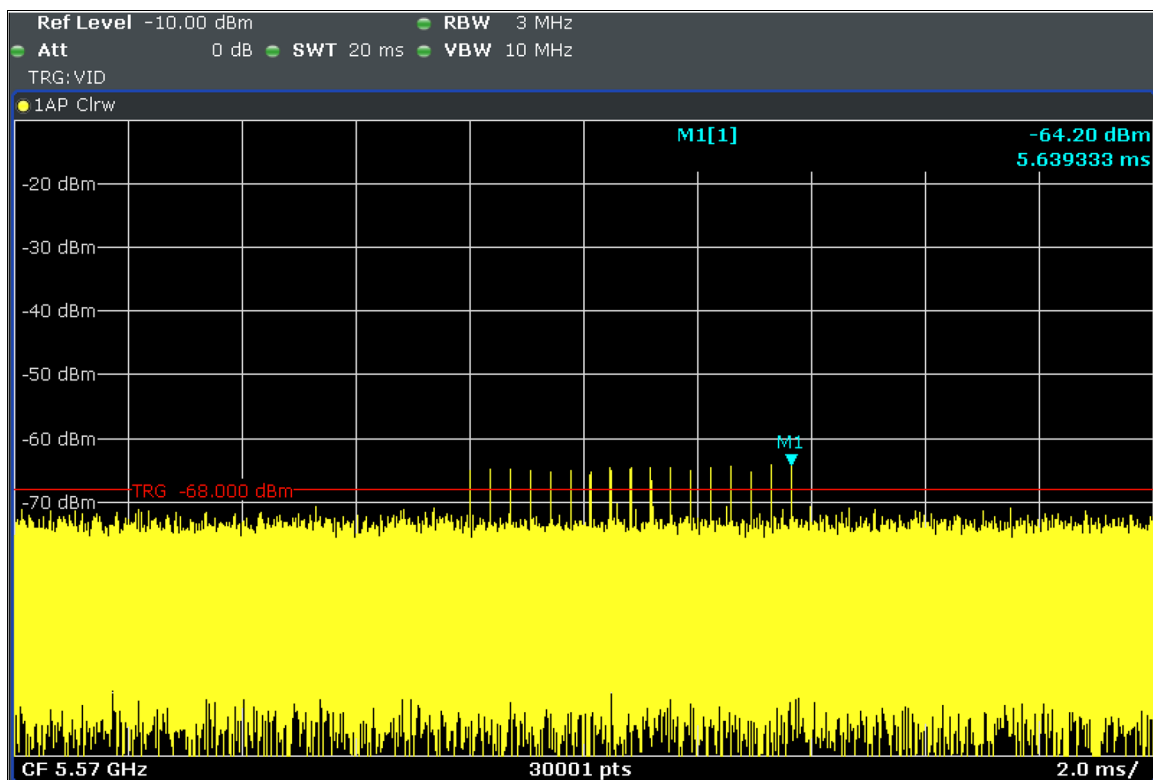
Radar Signal 1 (Test A)



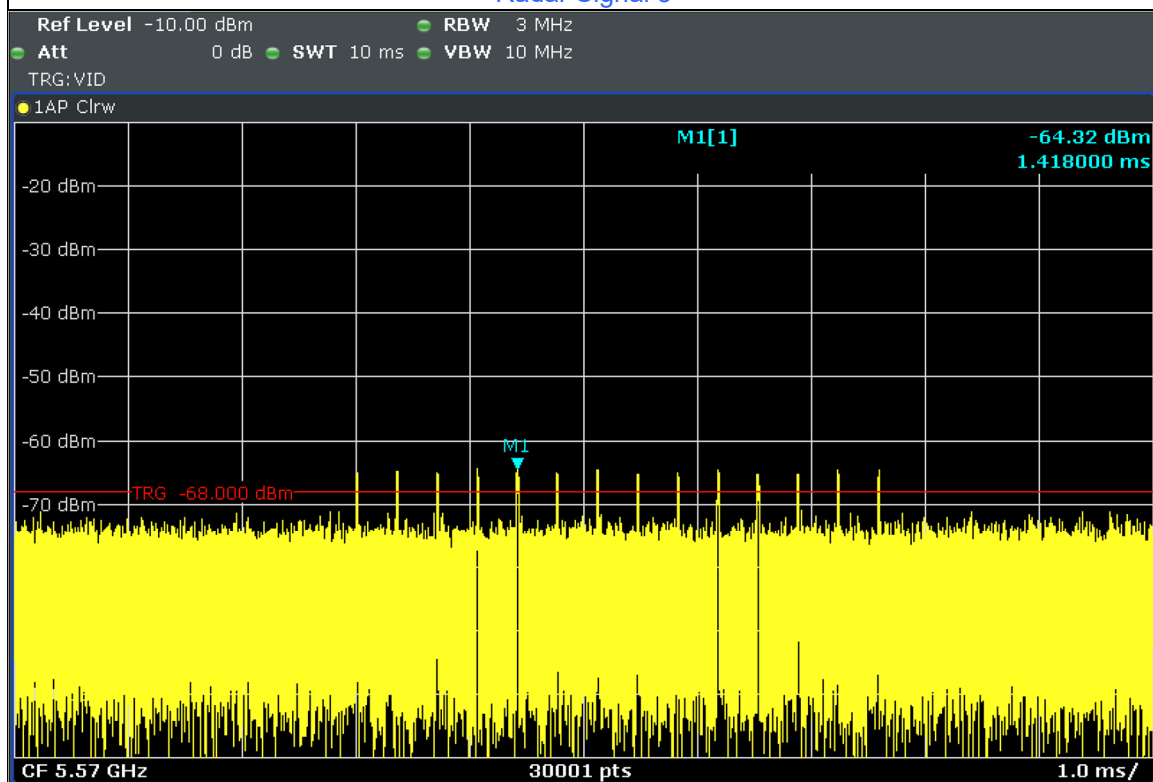
Radar Signal 1 (Test B)



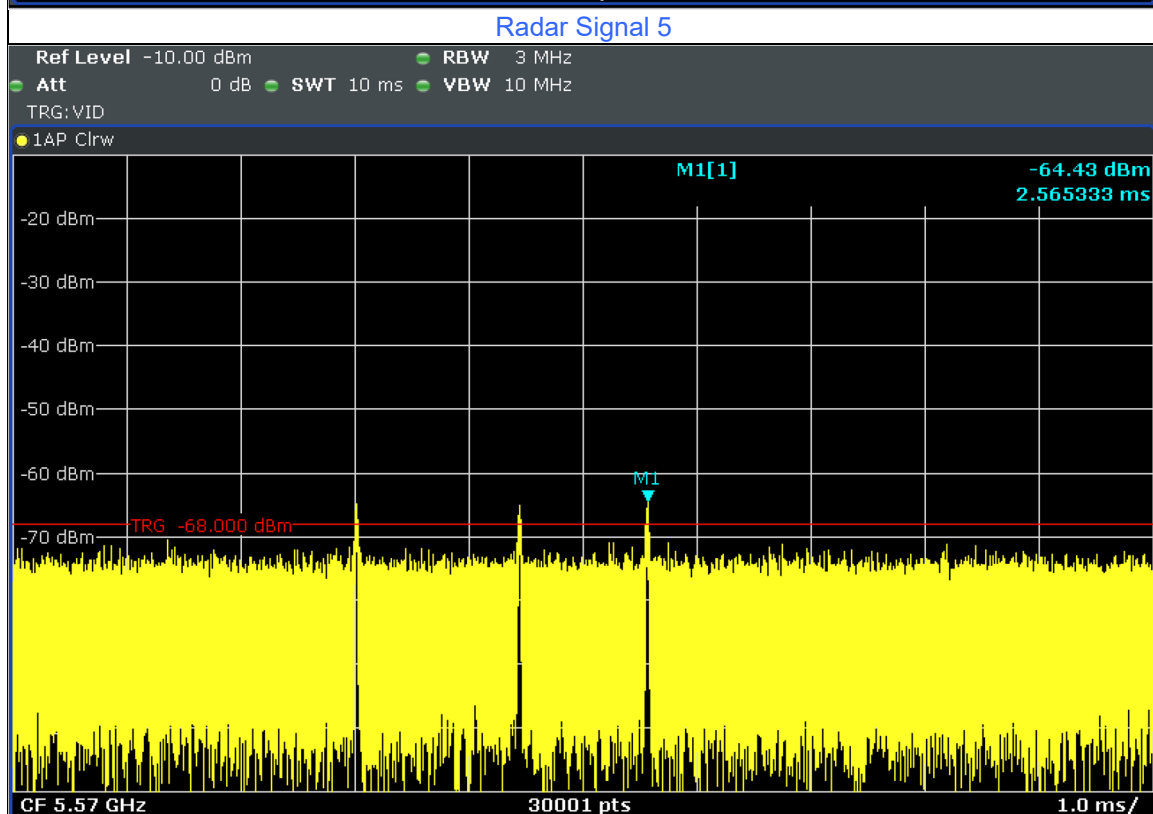
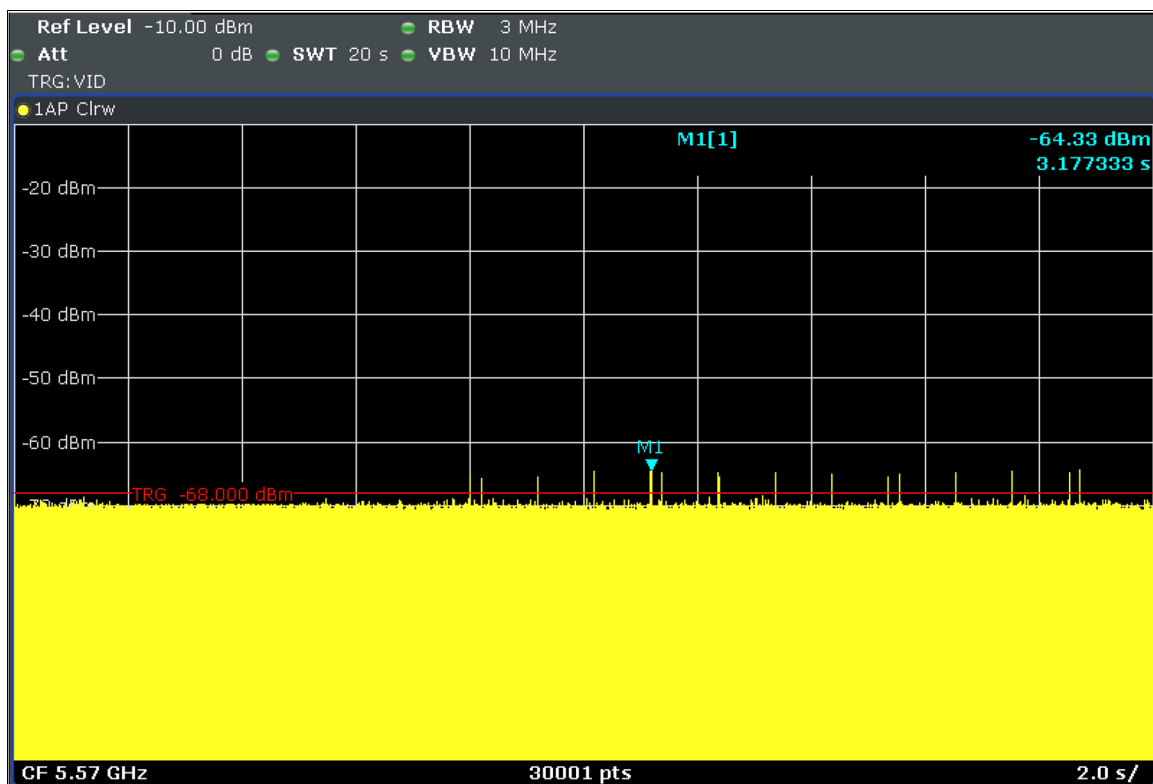
Radar Signal 2



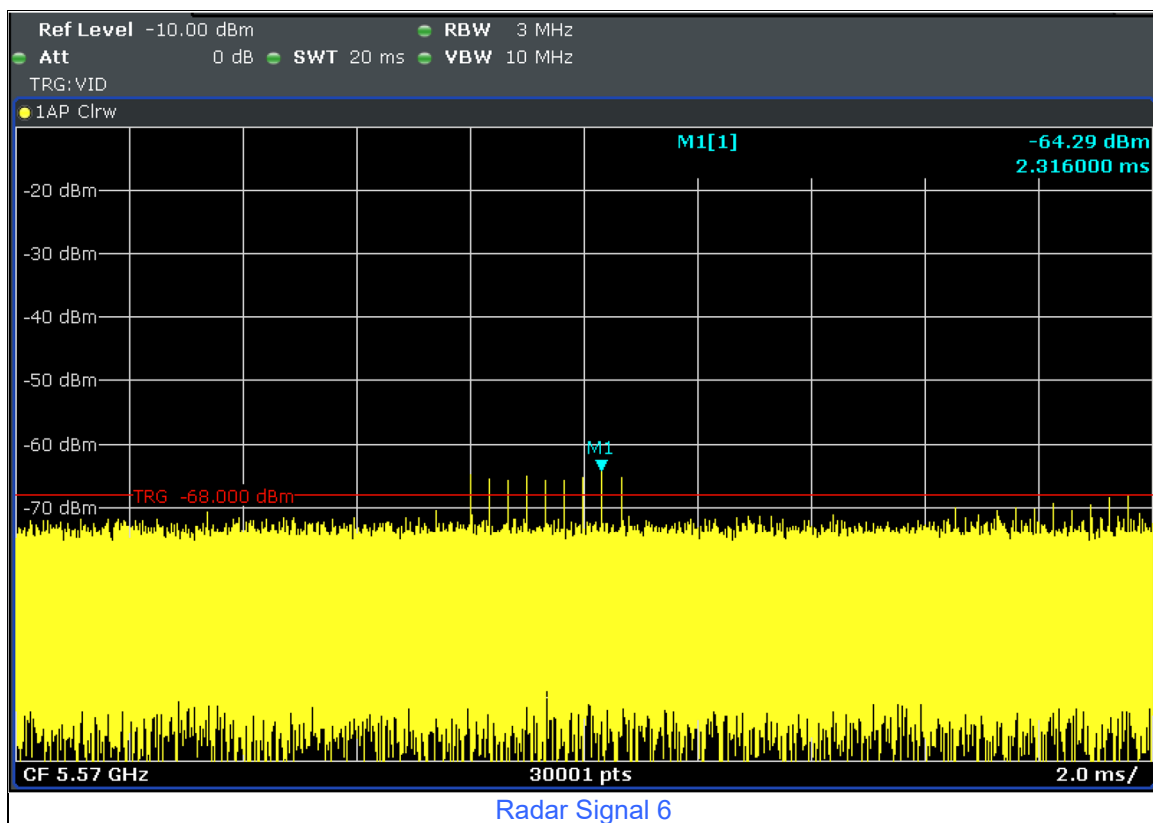
Radar Signal 3



Radar Signal 4



Radar Signal 5 (Single Burst)



6.2.4 DFS Companion Device

Companion Device Information				
Product	Brand	Model No.	FCC ID	Software/Firmware Version
Intel(R) Wi-Fi 7 BE200 320MHz	Intel	BE200	PD9BE200D2	23.50.0.6

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

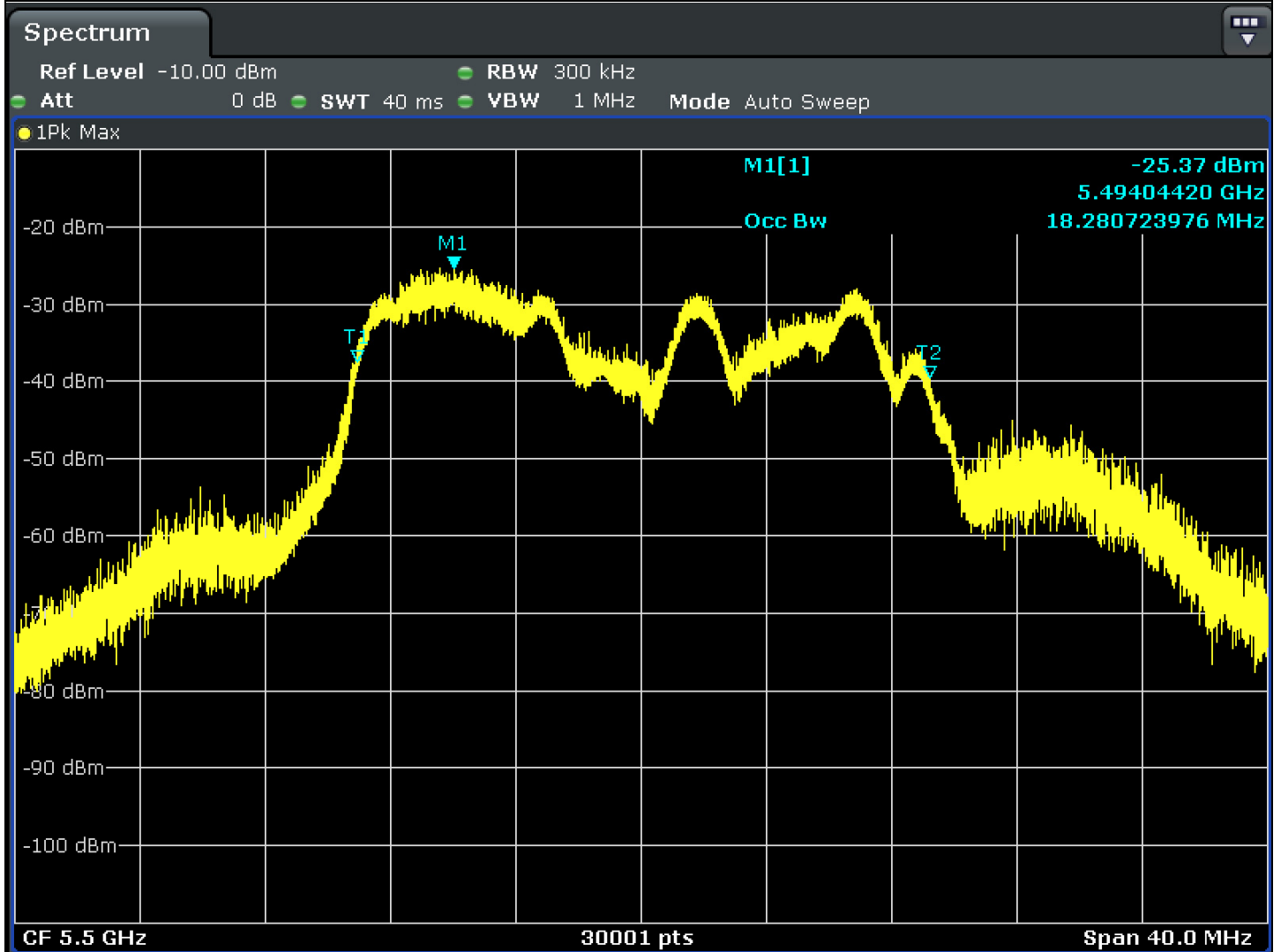
Environmental Conditions:	25°C, 65% RH	Tested By:	Gary Cheng
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MT7976A

For 802.11ax (HE20)

Detection Bandwidth Test													
Radar Type 0 EUT Frequency: 5500 MHz Detection bandwidth limit (100% of EUT 99% Power bandwidth): 18.28 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
5491	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5500	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	90%	90%	Pass
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	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



802.11ax (HE20)

802.11ax (HE40)
Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5510 MHz

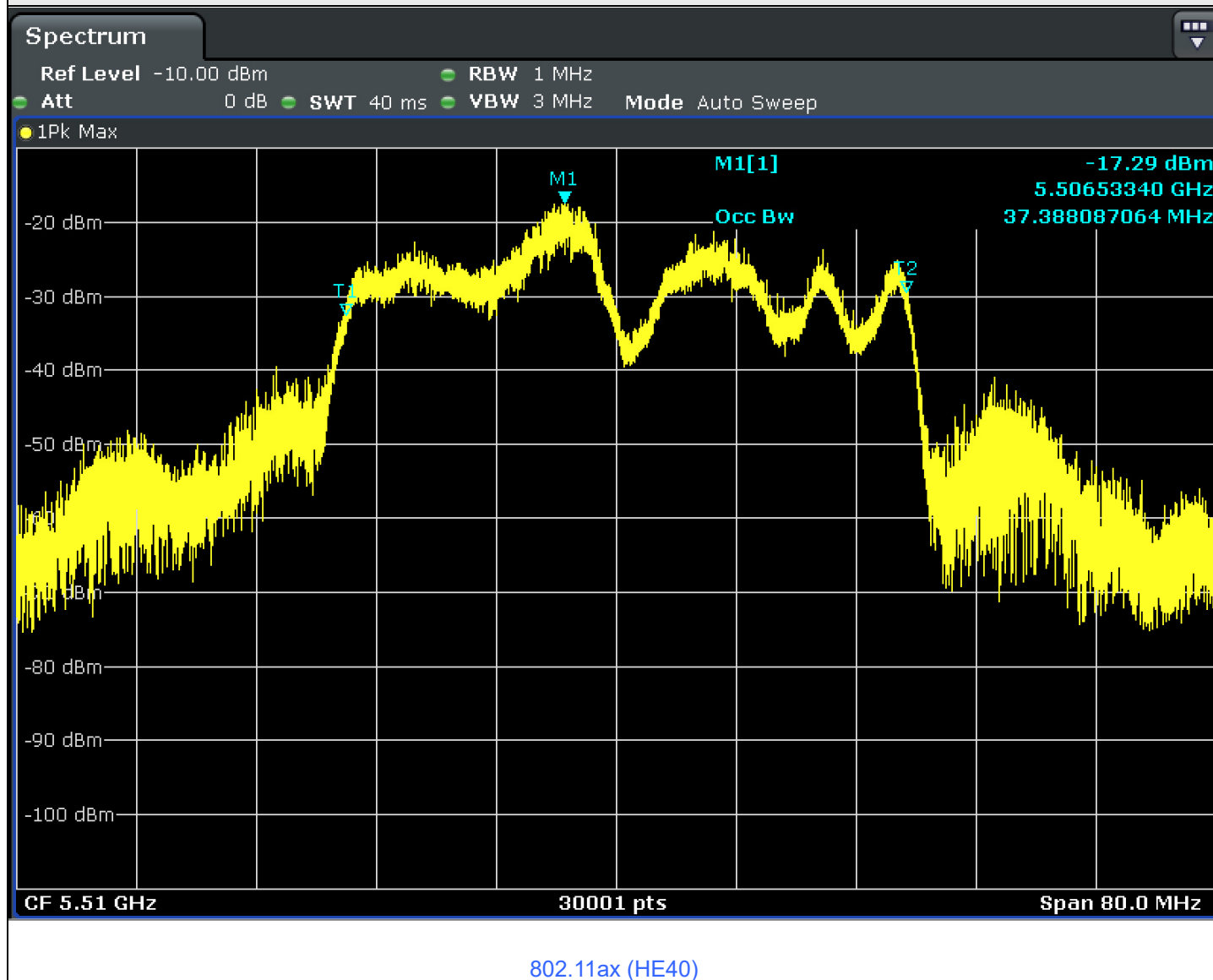
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 37.39 MHz

Detection bandwidth (5529 MHz (FH) – 5491 MHz (FL)) : 38 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
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5510	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	90%	90%	Pass
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5514	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
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5519	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
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5524	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
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5529 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth



802.11ax (HE80)
Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5530 MHz

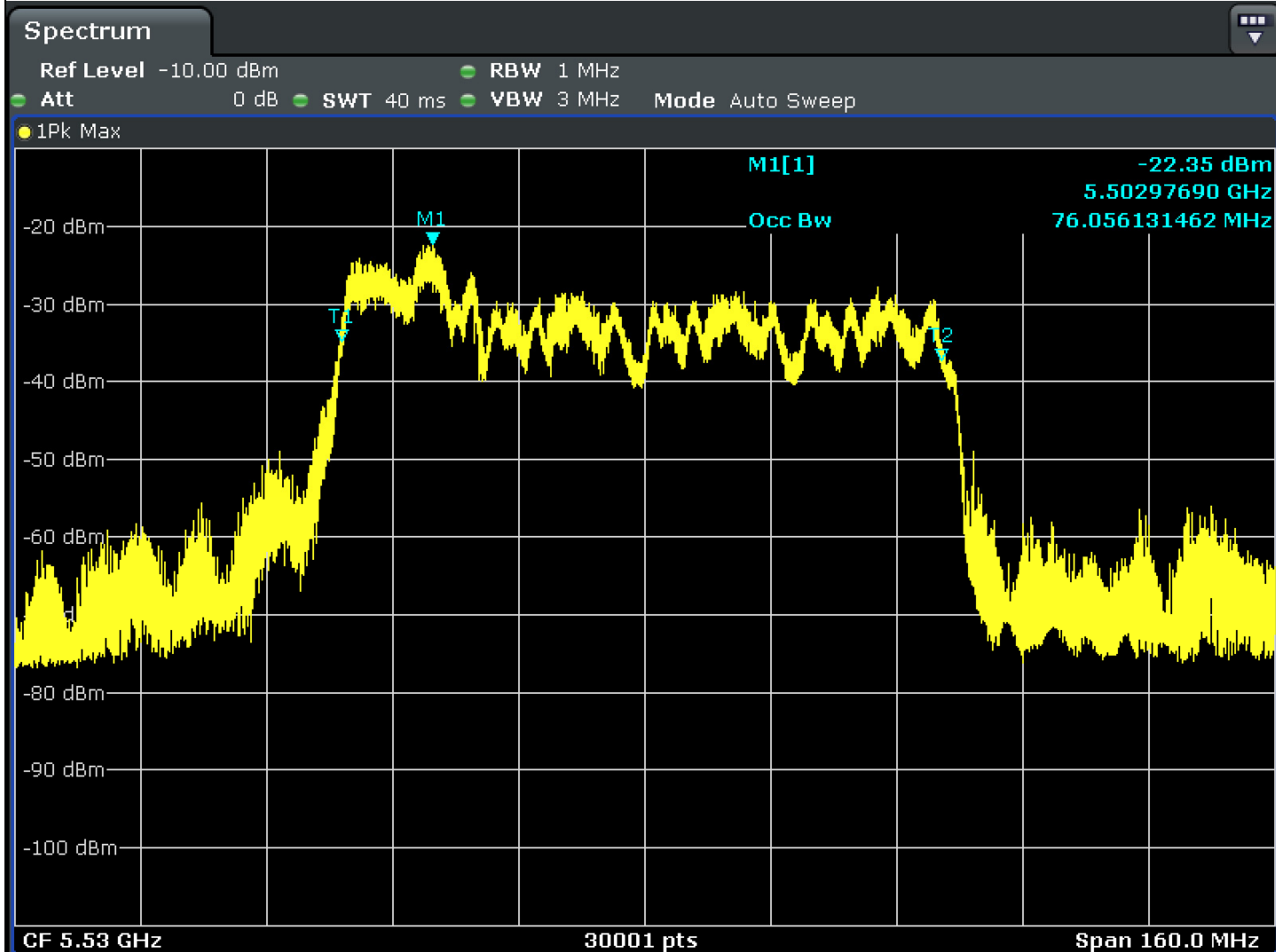
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 76.06 MHz

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
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	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
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5514	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
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5519	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
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5524	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
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5529	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5530	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%	90%	Pass
5531	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5532	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5533	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5534	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
5536	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5537	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5538	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5539	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
5541	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5542	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5543	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5544	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
5546	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5547	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5548	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5549	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
5551	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5552	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5553	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5554	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
5556	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5557	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5558	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5559	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
5561	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5562	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5563	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5564	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
5566	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5567	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5568	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



802.11ax (HE80)

802.11ax (HE160)
Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5570 MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 157.38 MHz

Detection bandwidth (5649 MHz (FH) – 5491 MHz (FL)) : 158 MHz

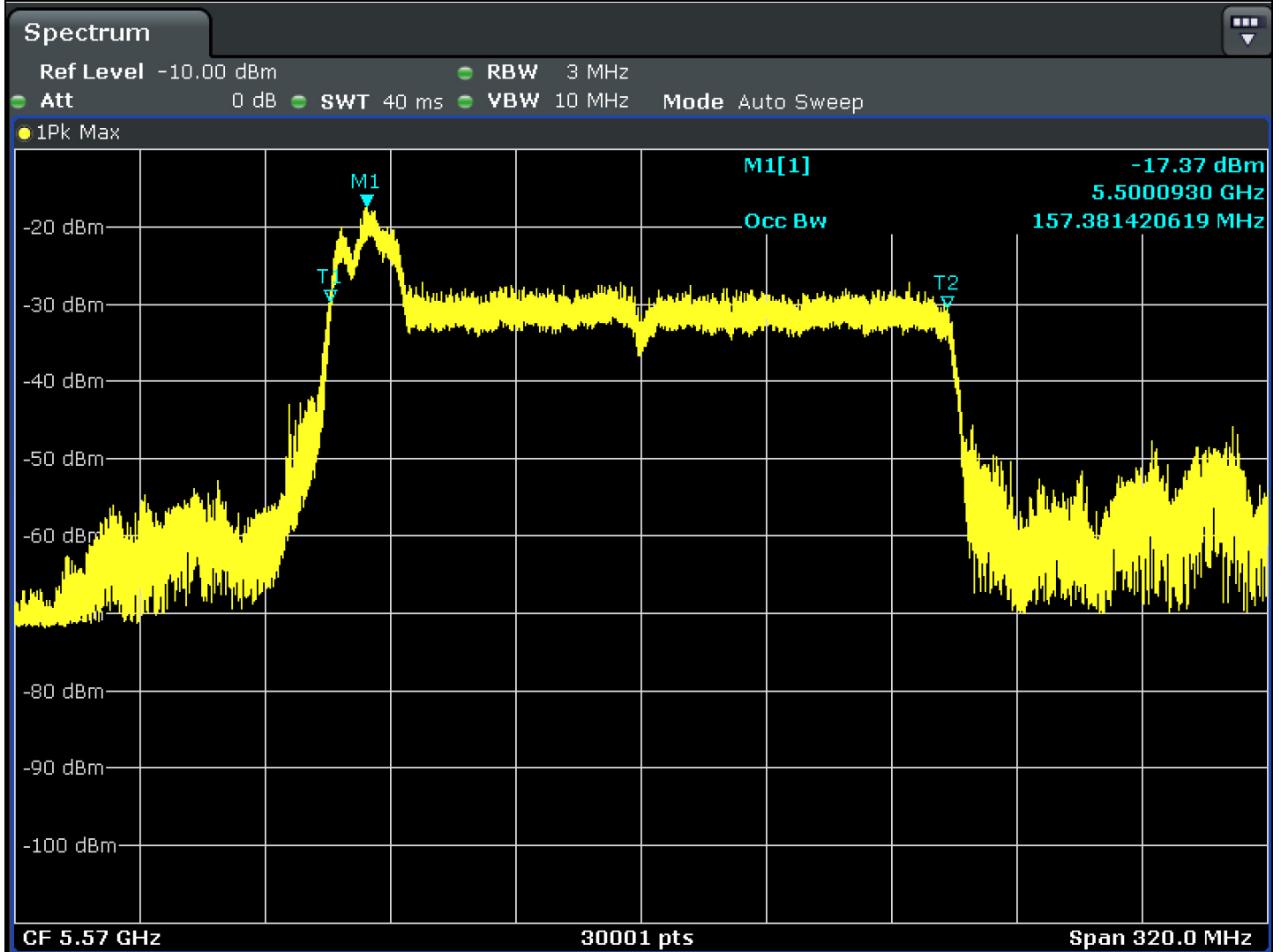
Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5491 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	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
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5514	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
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5519	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
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5524	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

Report No.: RFBCMA-WTW-P24120364-4 Page No. 34 / 251 Report Format Version: 7.1.1

5569	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5570	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5571	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5572	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5573	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5574	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5575	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5576	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5577	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5578	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5579	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5580	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5581	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5582	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5583	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5584	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5585	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5586	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5587	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5588	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5589	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5590	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5591	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5592	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5593	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5594	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5595	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5596	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5597	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5598	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5599	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5600	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5601	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5602	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5603	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5604	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5605	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5606	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5607	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5608	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5609	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5610	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5611	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

5612	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5613	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5614	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5615	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5616	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5617	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5618	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5619	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5620	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5621	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5622	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5623	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5624	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5625	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5626	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5627	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5628	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5629	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5630	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5631	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5632	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5633	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5634	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5635	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5636	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5637	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5638	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5639	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5640	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5641	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5642	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5643	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5644	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5645	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5646	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5647	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5648	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5649 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth



802.11ax (HE160) CH114

MT7975AN

For 802.11ax (HE20)

Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5500 MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 16.82 MHz

Detection bandwidth (5509 MHz (FH) – 5491 MHz (FL)) : 18 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			
5491 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5492	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth

Spectrum

Ref Level -10.00 dBm

RBW 300 kHz

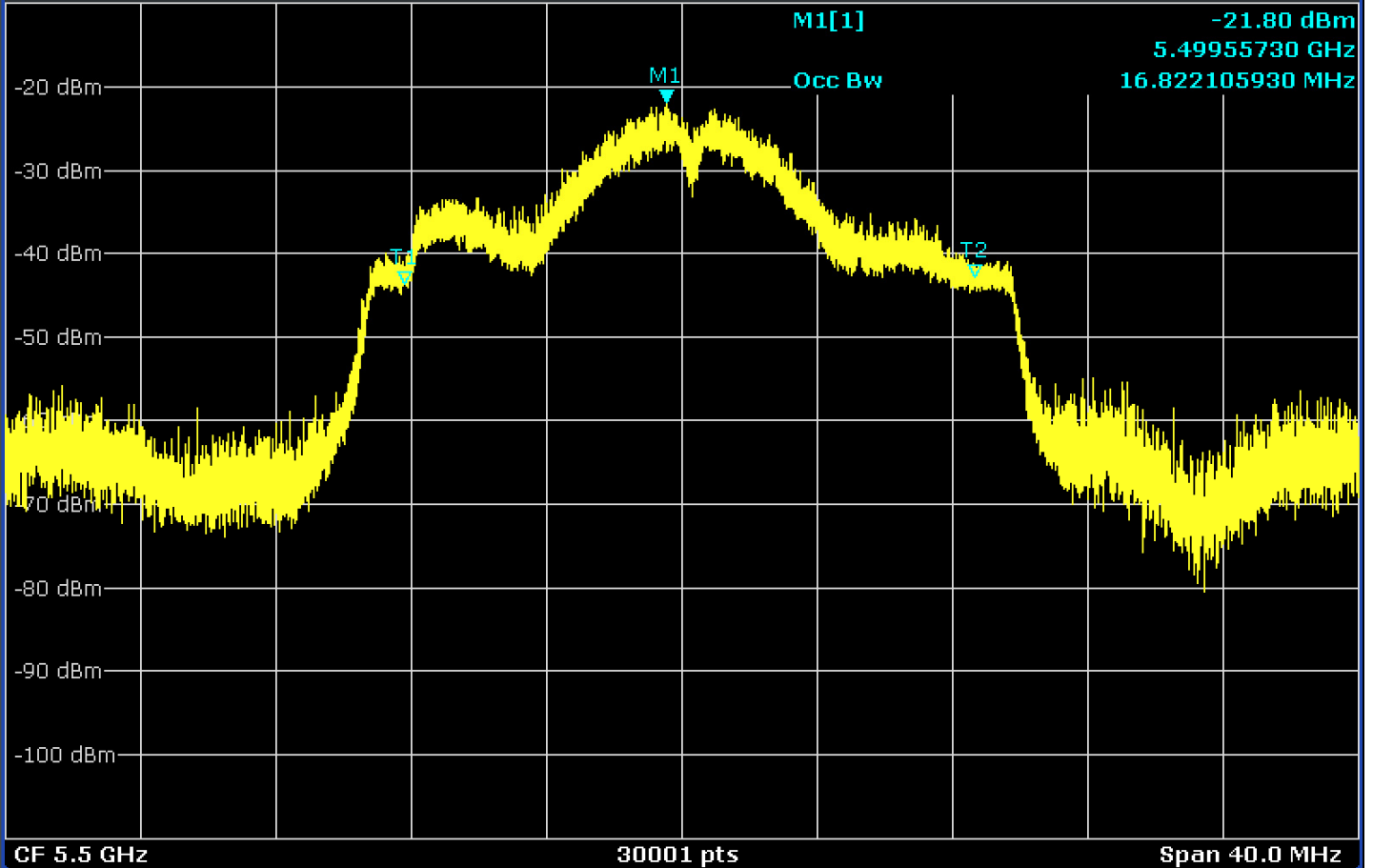
Att 0 dB

SWT 40 ms

VBW 1 MHz

Mode Auto Sweep

1Pk Max



802.11ax (HE20)

802.11ax (HE40)
Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5510 MHz

Detection bandwidth limit (100% of EUT 99% Power bandwidth): 35.76 MHz

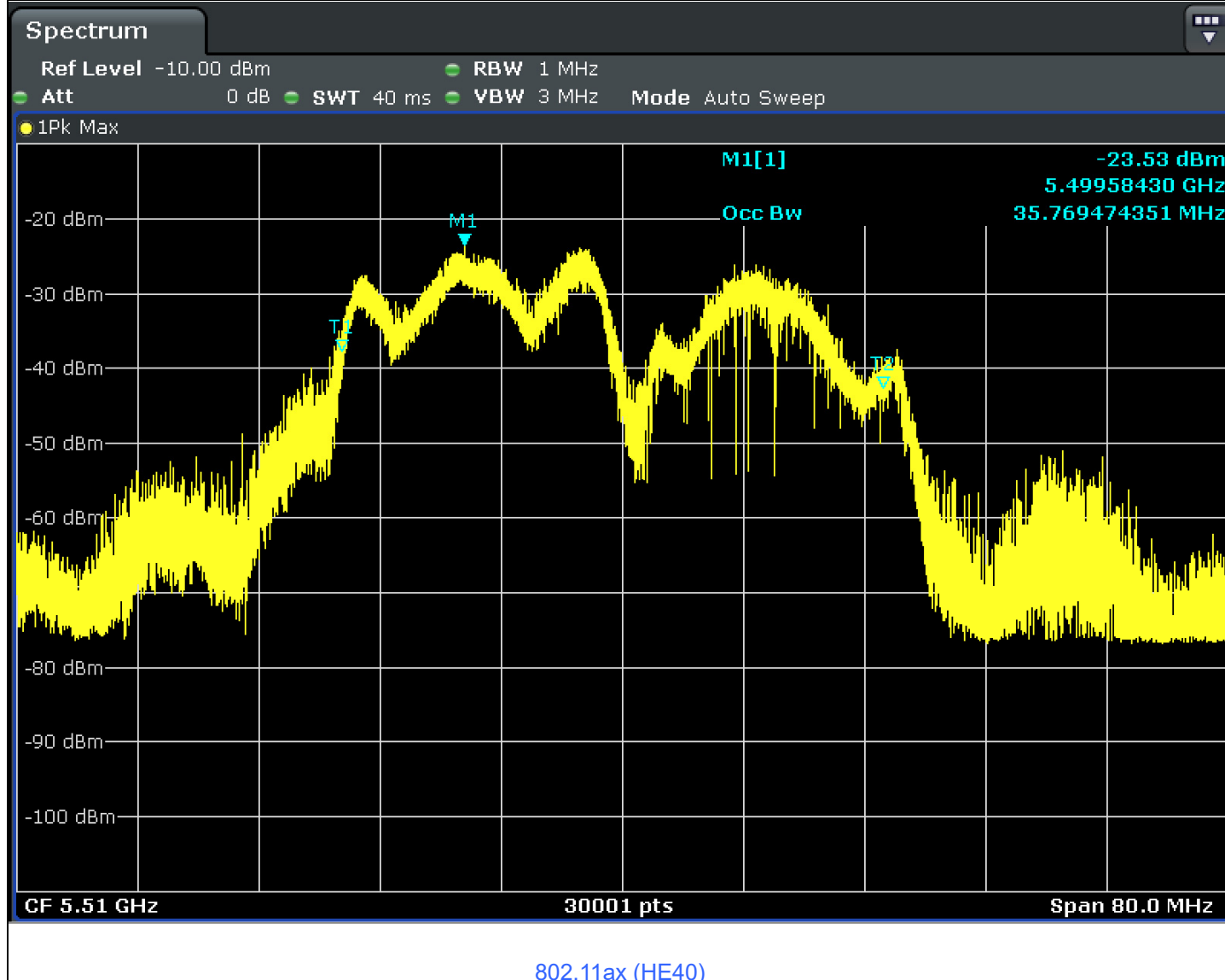
Detection bandwidth (5528 MHz (FH) – 5492 MHz (FL)) : 36 MHz

Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5492 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5493	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	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
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5514	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
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5519	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
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5524	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
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass



5528 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
-----------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	-----	------

Plots of 99% Power bandwidth



802.11ax (HE80)
Detection Bandwidth Test

Radar Type 0

EUT Frequency: 5530 MHz

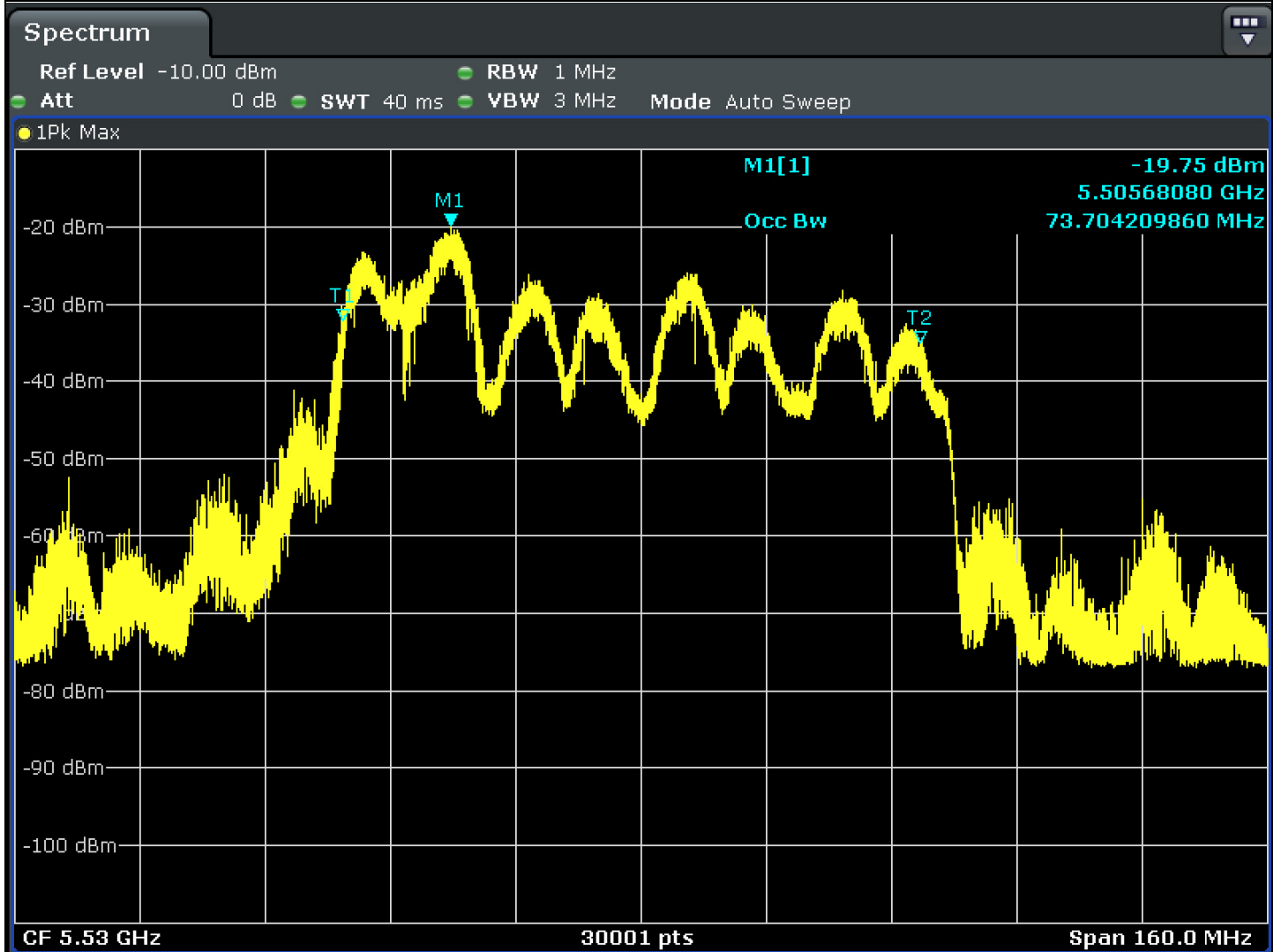
Detection bandwidth limit (100% of EUT 99% Power bandwidth): 73.7 MHz

Detection bandwidth (5567 MHz (FH) – 5493 MHz (FL)) : 74 MHz

Radar Frequency (MHz)	Trial Number / Detection										Detection Probability	Minimum Detection Limit	Test Result
	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10			
5493 (FL)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5494	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
5496	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5497	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5498	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5499	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
5501	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5502	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5503	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5504	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
5506	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5507	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5509	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
5511	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5512	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5513	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5514	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
5516	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5518	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5519	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
5521	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5522	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5523	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5524	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
5526	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5527	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5528	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

5529	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
5531	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5532	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5533	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	90%	90%	Pass
5534	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
5536	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5537	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5538	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5539	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
5541	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5542	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5543	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5544	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
5546	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5547	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5548	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5549	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
5551	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5552	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5553	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5554	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
5556	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5557	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5558	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5559	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
5561	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5562	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5563	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5564	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
5566	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass
5567 (FH)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	100%	90%	Pass

Plots of 99% Power bandwidth



802.11ax (HE80)

7.2 Channel Availability Check Time

Environmental Conditions:	25°C, 65% RH	Tested By:	Gary Cheng
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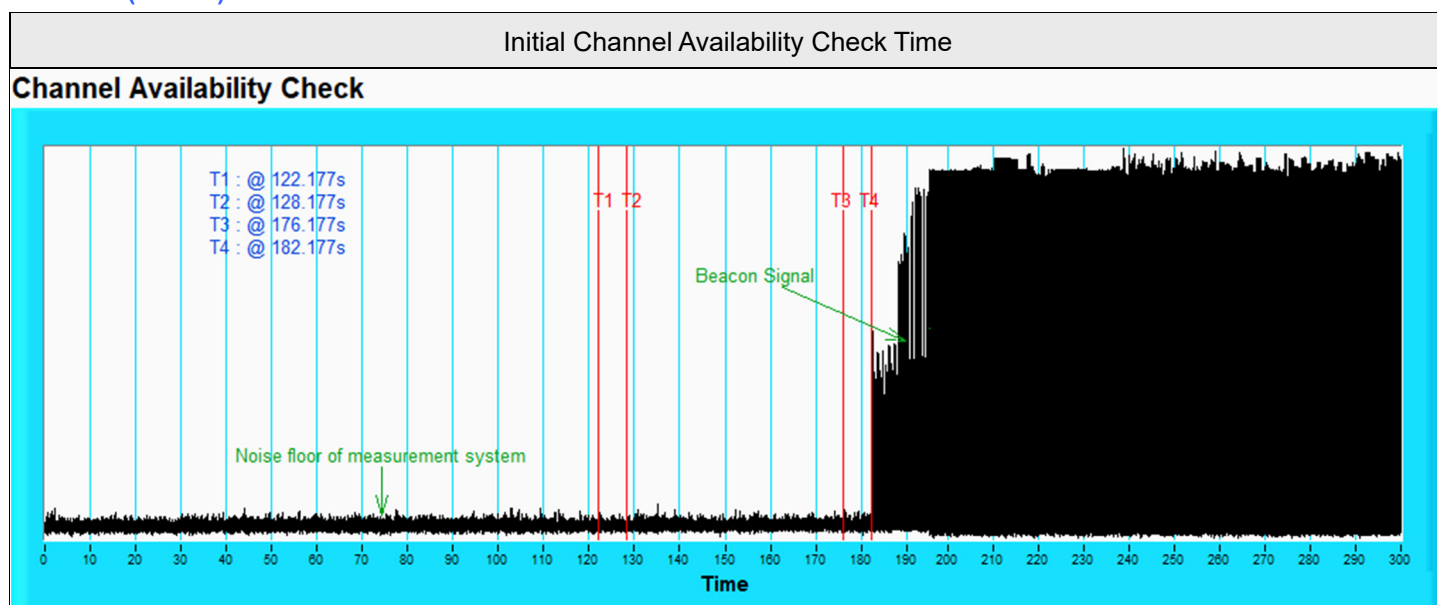
MT7976A

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.

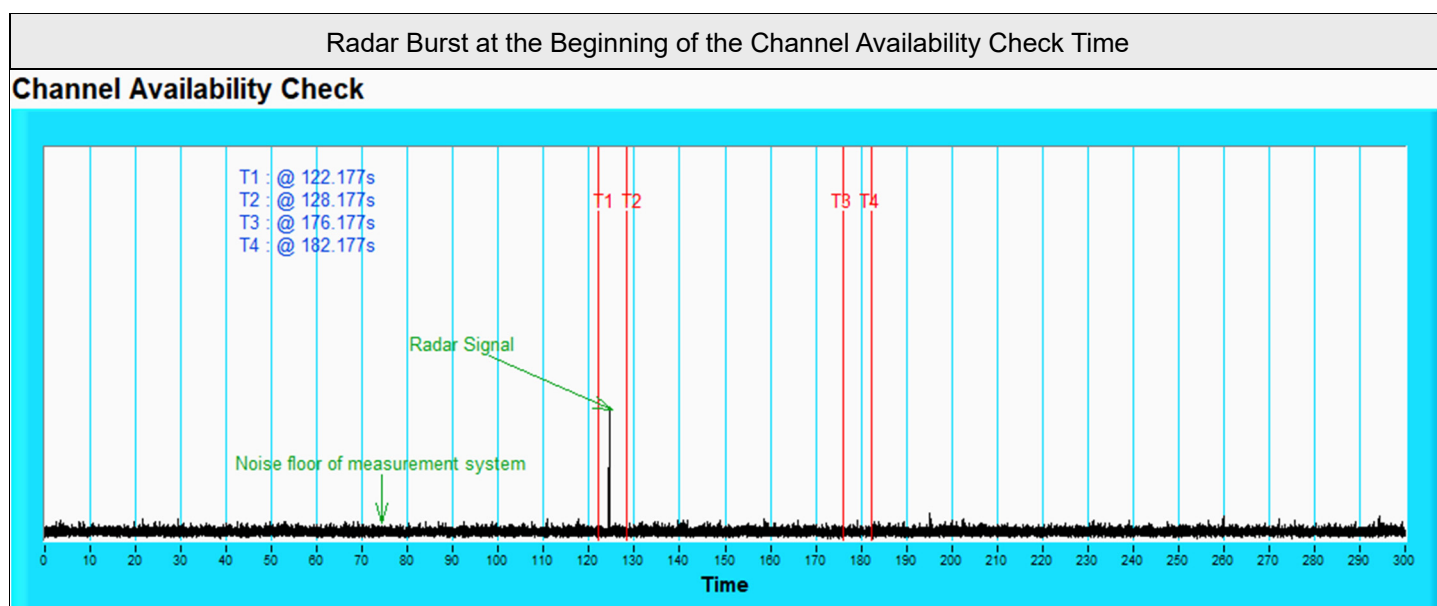
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 0 to 6 seconds	Detected	No transmissions
Within 54 to 60 seconds	Detected	No transmissions

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

802.11ax (HE160) CH114 5570MHz

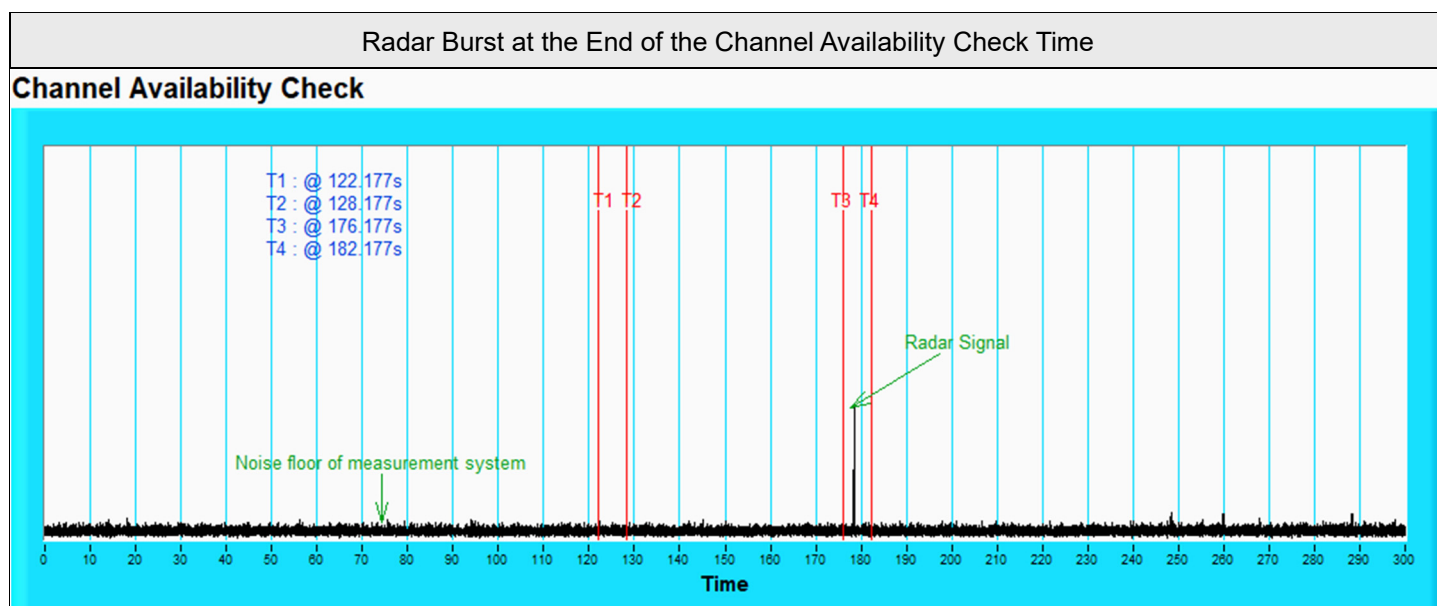


Note: T1 denotes the end of power-up time period is 122.177th second. T4 denotes the end of Channel Availability Check time is 182.177th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.



Note: T1 denotes the end of power-up time period is 122.177th second. T2 denotes 128.177th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 182.177th

second.



Note: T1 denotes the end of power-up time period is 122.177th second. T3 denotes 176.177th 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 182.177th second.

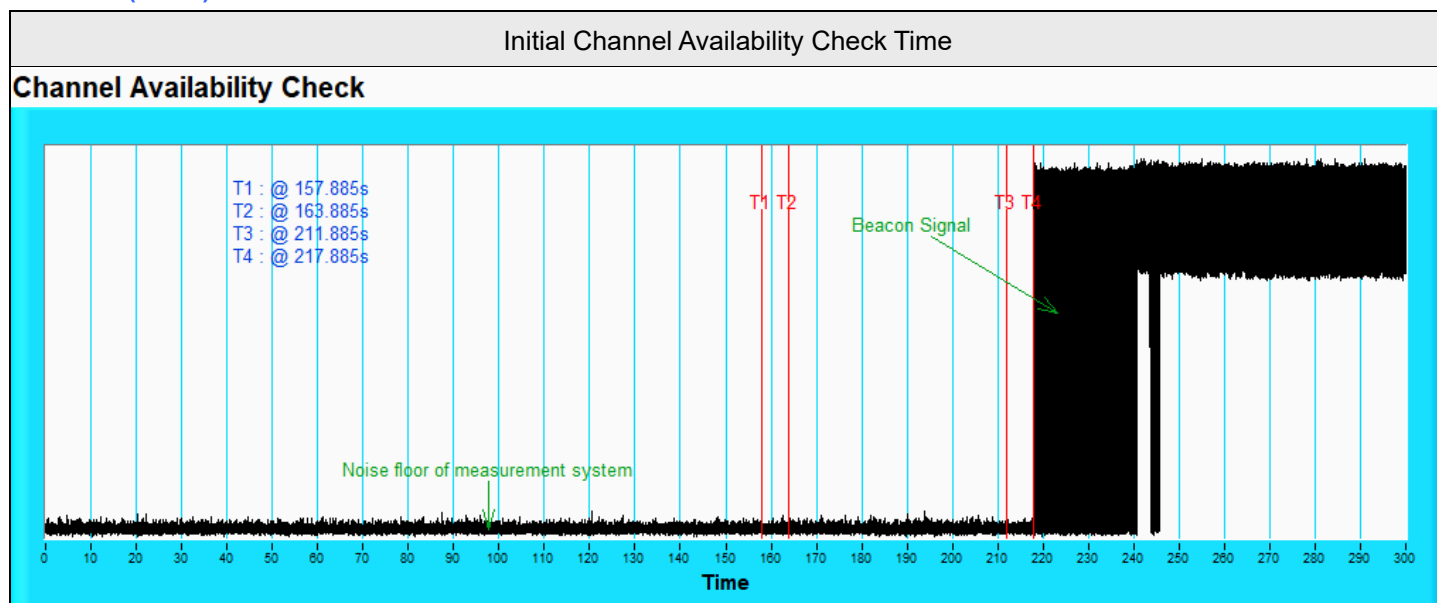
MT7975AN

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.

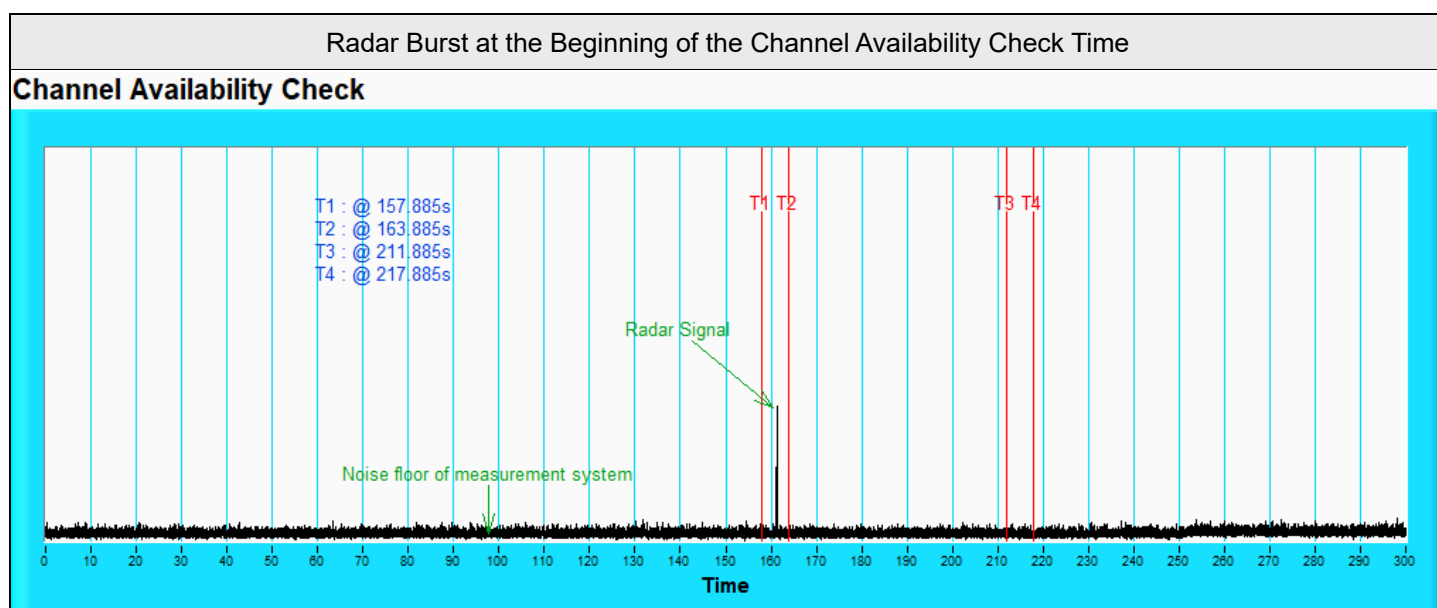
Timing of Radar Signal	Observation	
	EUT	Spectrum Analyzer
Within 0 to 6 seconds	Detected	No transmissions
Within 54 to 60 seconds	Detected	No transmissions

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

802.11ax (HE80) CH106 5530MHz



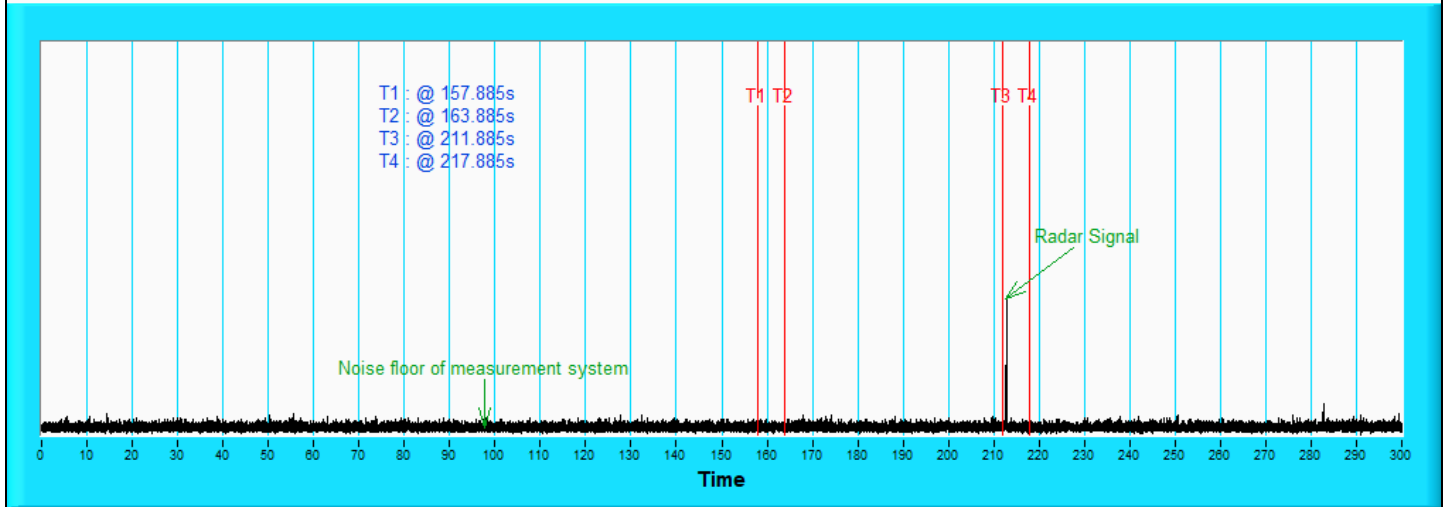
Note: T1 denotes the end of power-up time period is 157.885th second. T4 denotes the end of Channel Availability Check time is 217.885th second. Channel Availability Check time is equal to (T4 – T1) 60 seconds.



Note: T1 denotes the end of power-up time period is 157.885th second. T2 denotes 163.885th second and the radar burst was commenced within a 6 second window starting from the end of power-up sequence. T4 denotes the 217.885th second.

Radar Burst at the End of the Channel Availability Check Time

Channel Availability Check



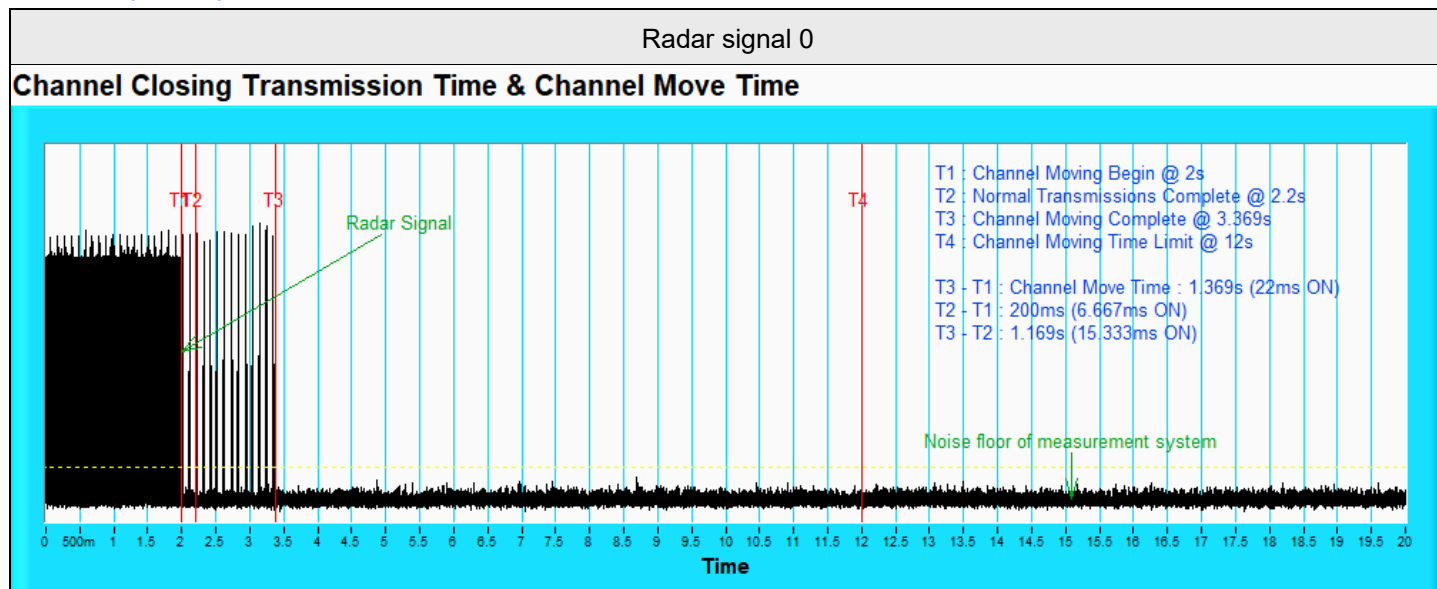
Note: T1 denotes the end of power-up time period is 157.885th second. T3 denotes 211.885th second and the radar burst was commenced within 54th second to 60th second window starting from the end of power-up sequence. T4 denotes the 217.885th second.

7.3 Channel Closing Transmission and Channel Move Time

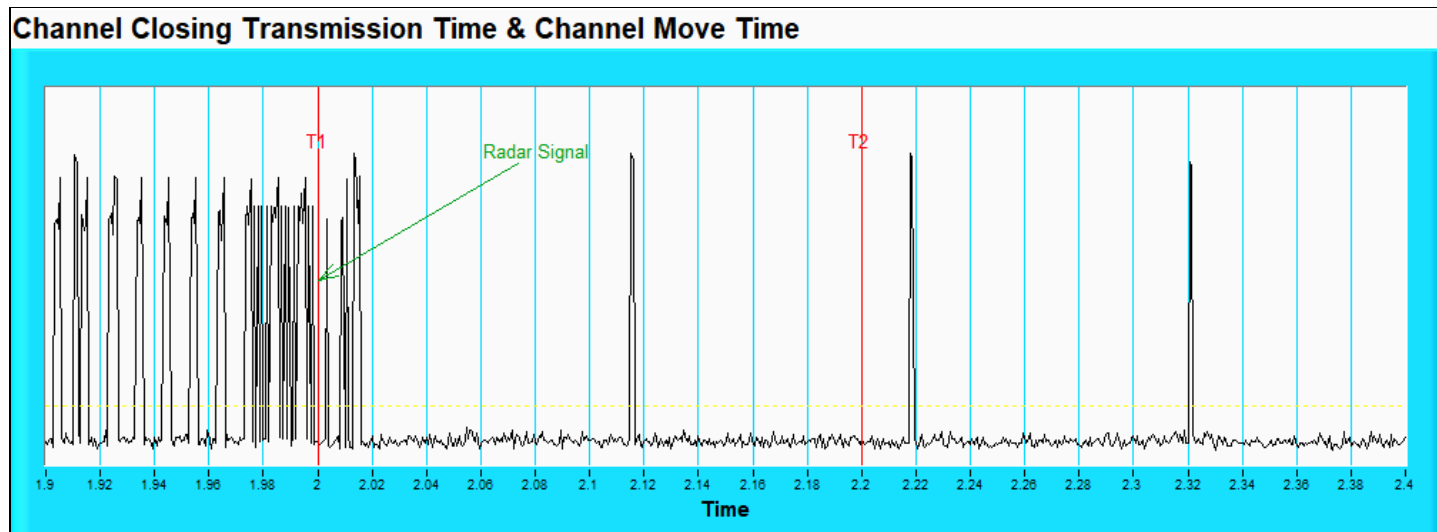
Environmental Conditions:	25°C, 65% RH	Tested By:	Gary Cheng
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MT7976A

802.11ax (HE160) CH114 5570MHz



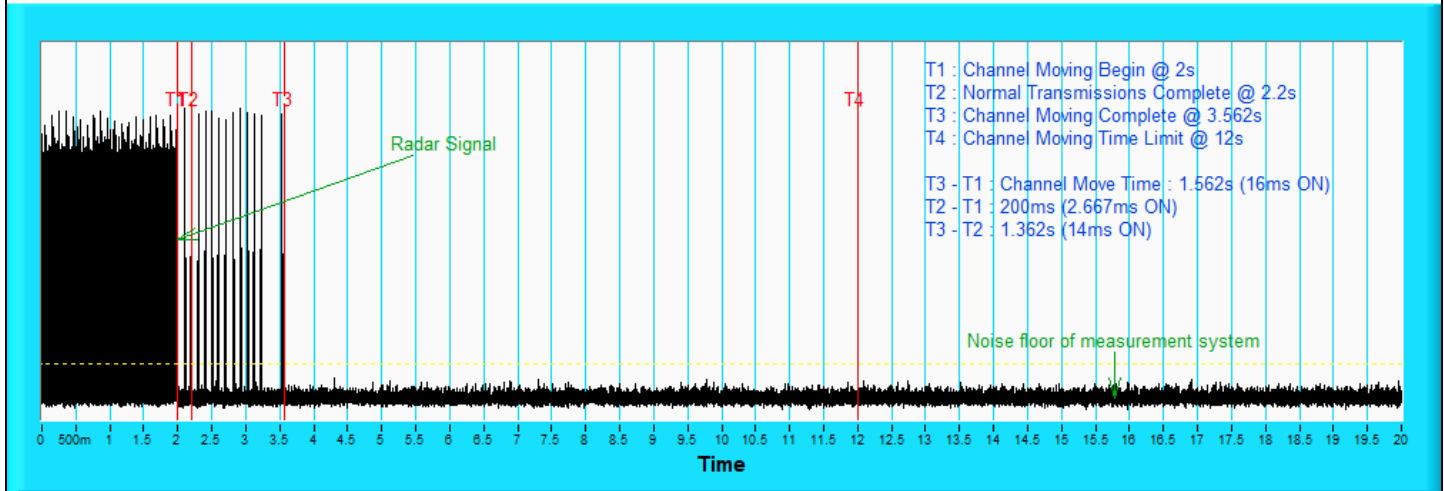
Note: T1 denotes the start of Channel Move Time upon the end of the last Radar burst. T2 denotes the data transmission time of 200 ms from T1. T3 denotes the end of Channel Move Time. T4 denotes the 10 second from T1 to observe the aggregate duration of transmissions.



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

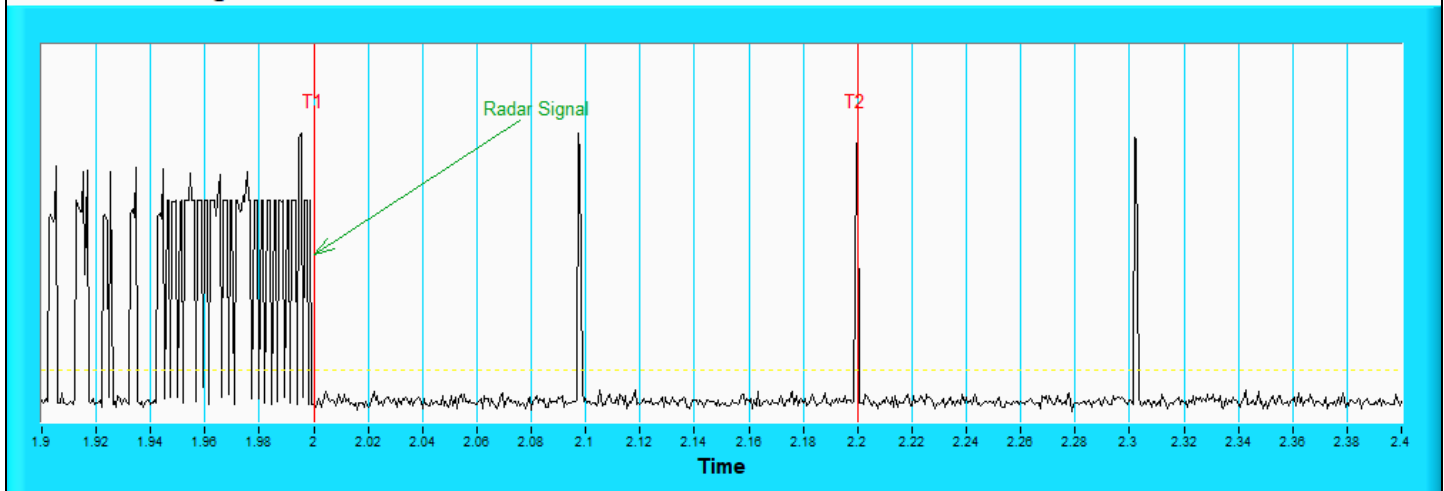
Radar signal 1

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.

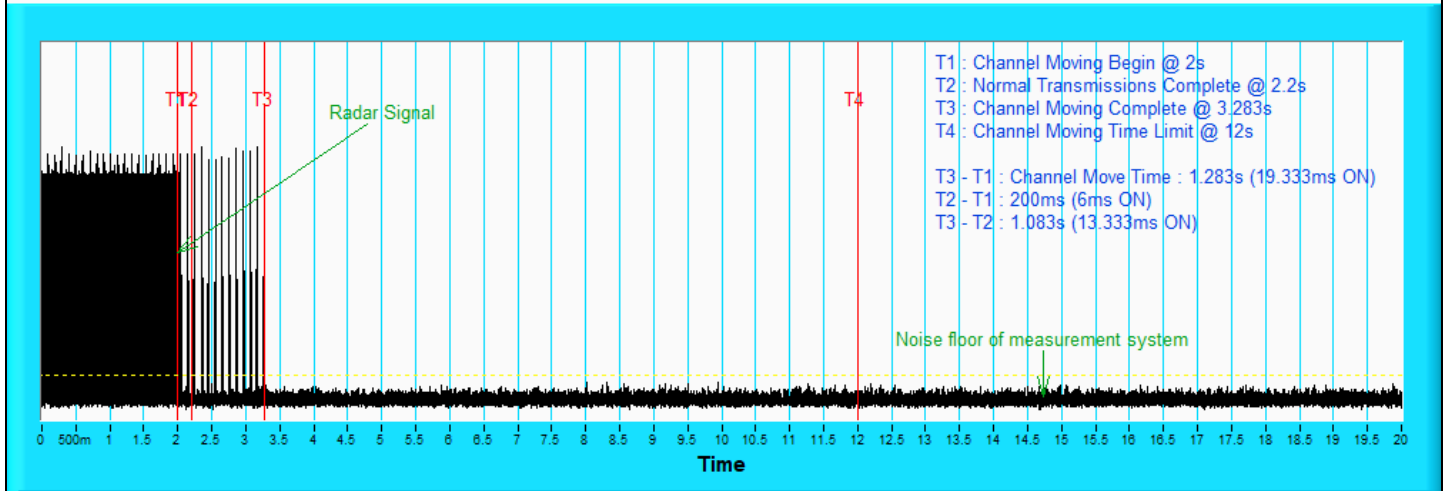
Channel Closing Transmission Time & Channel Move Time



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

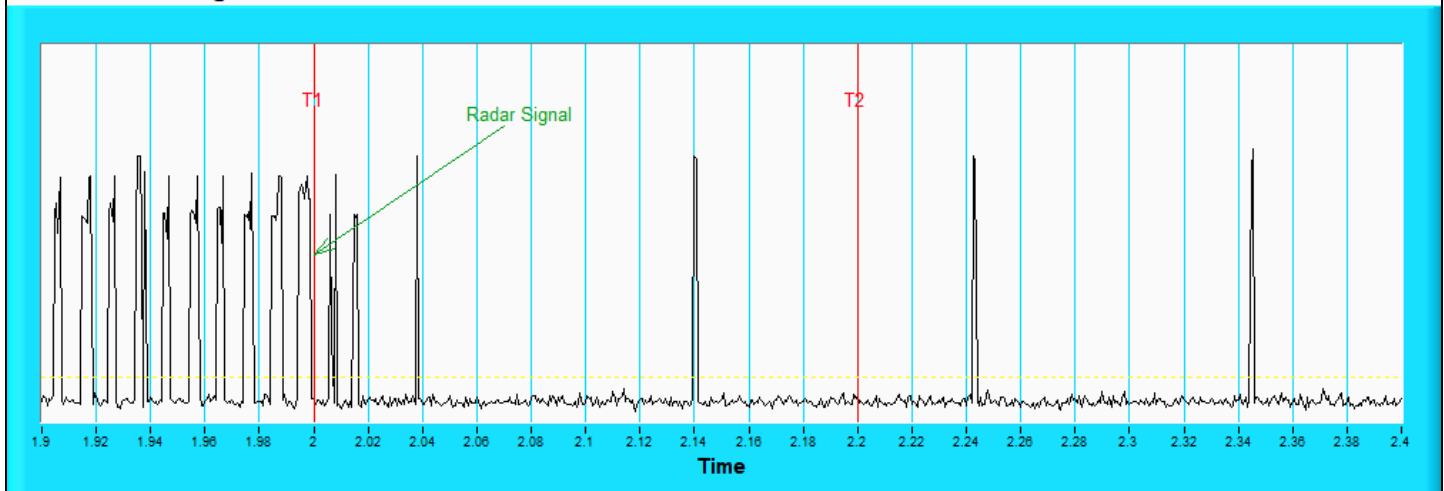
Radar signal 2

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.

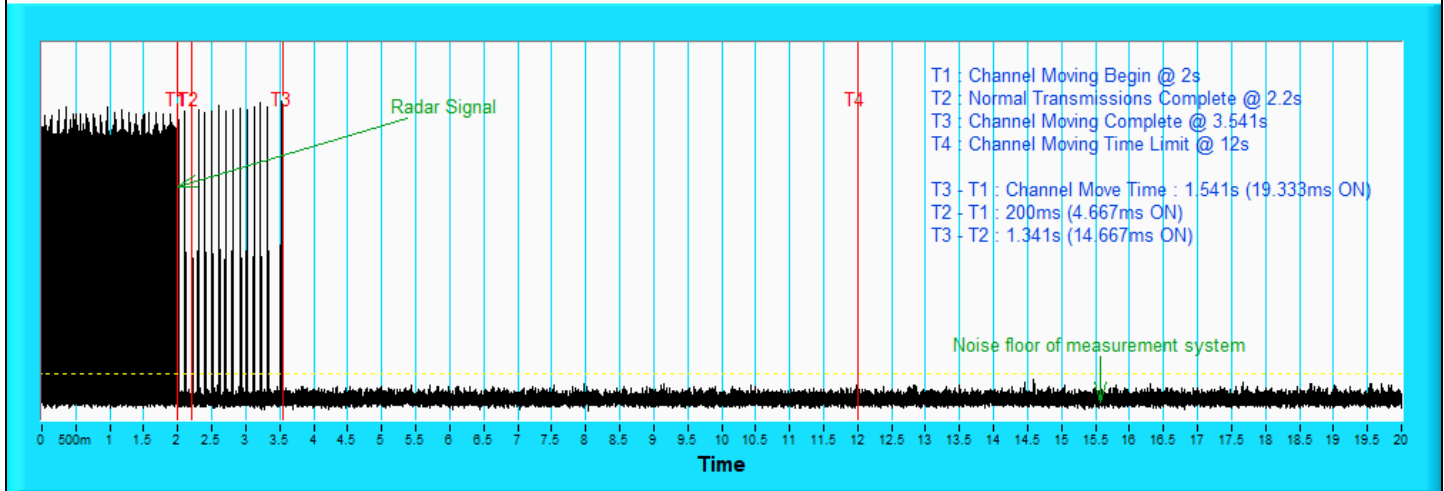
Channel Closing Transmission Time & Channel Move Time



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

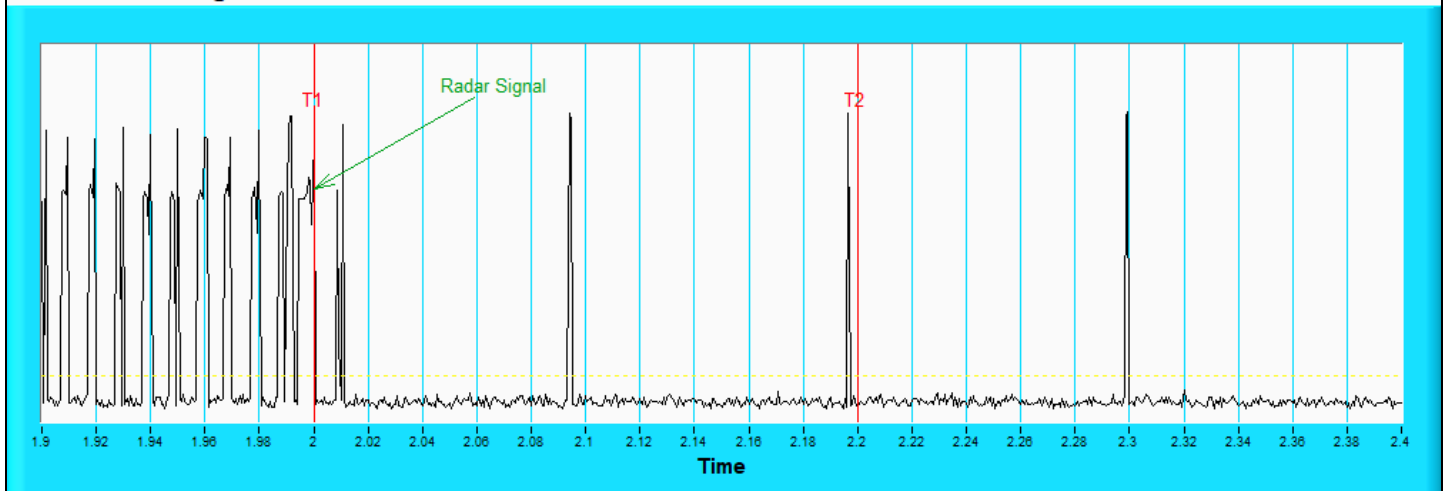
Radar signal 3

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.

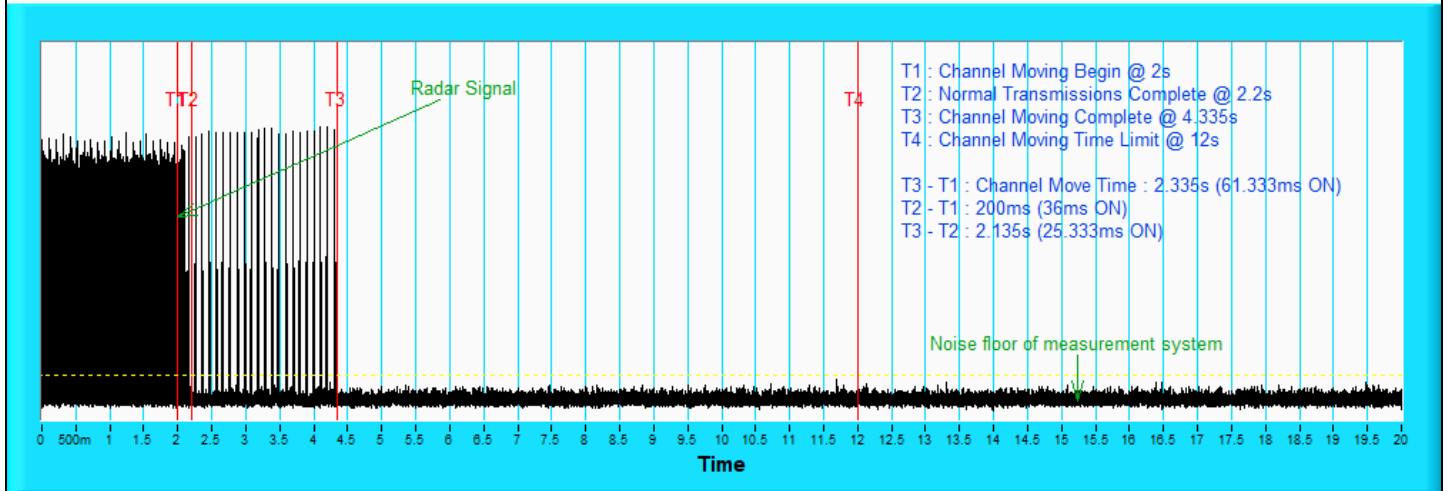
Channel Closing Transmission Time & Channel Move Time



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

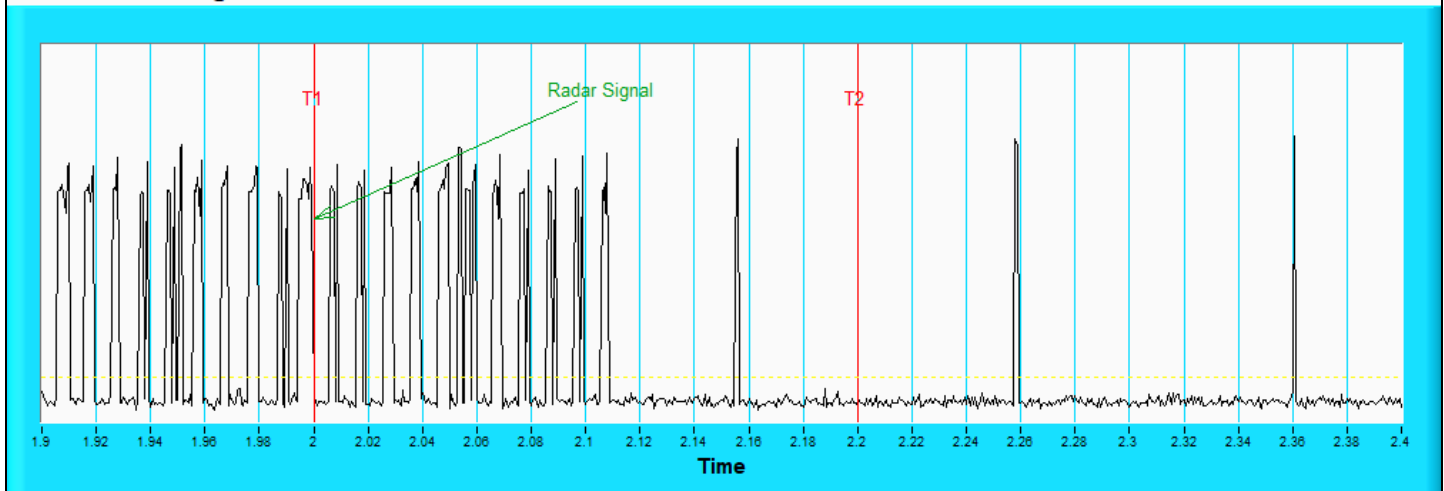
Radar signal 4

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



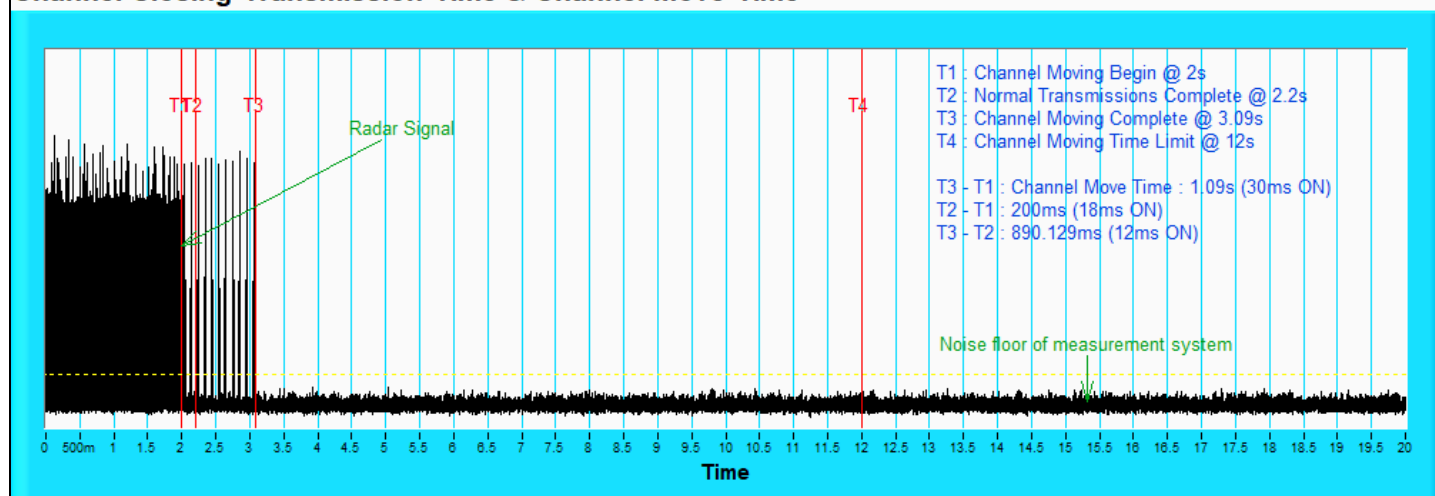
Note: Zoom in of the first 500 ms after radar signal applied.

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802.11ax (HE80) CH106 5530MHz

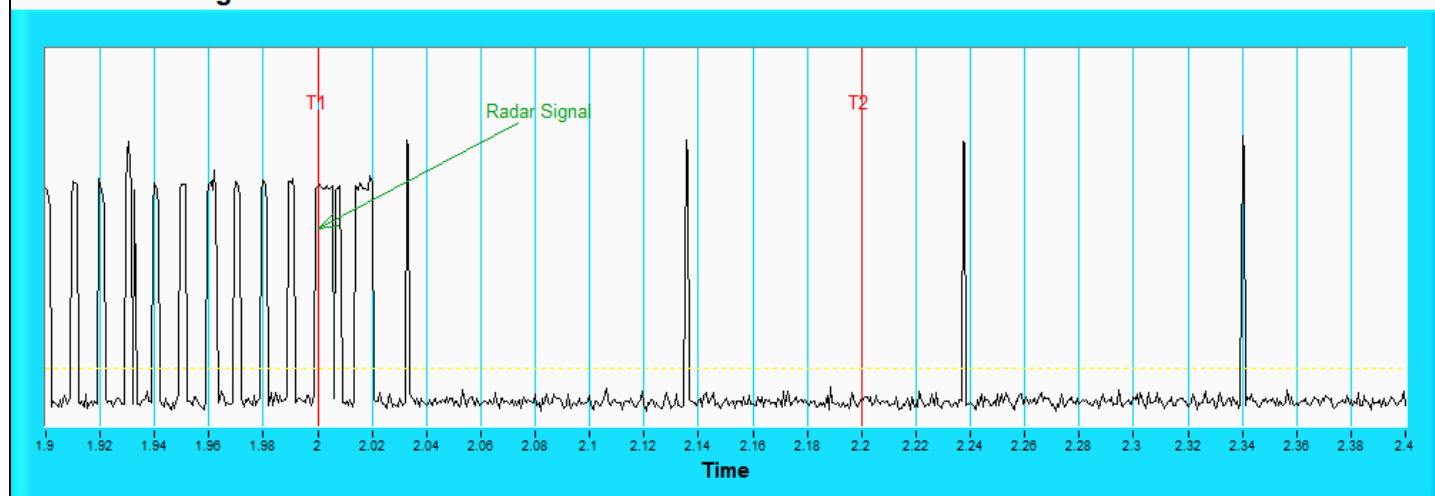
Radar signal 0

Channel Closing Transmission Time & Channel Move Time



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

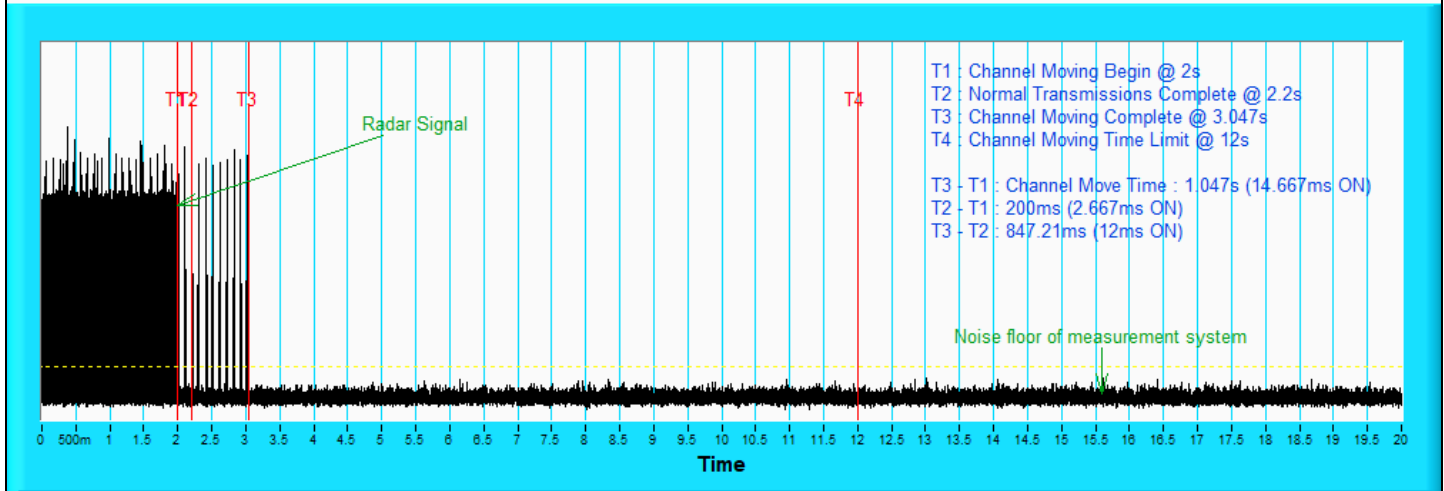
Channel Closing Transmission Time & Channel Move Time



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

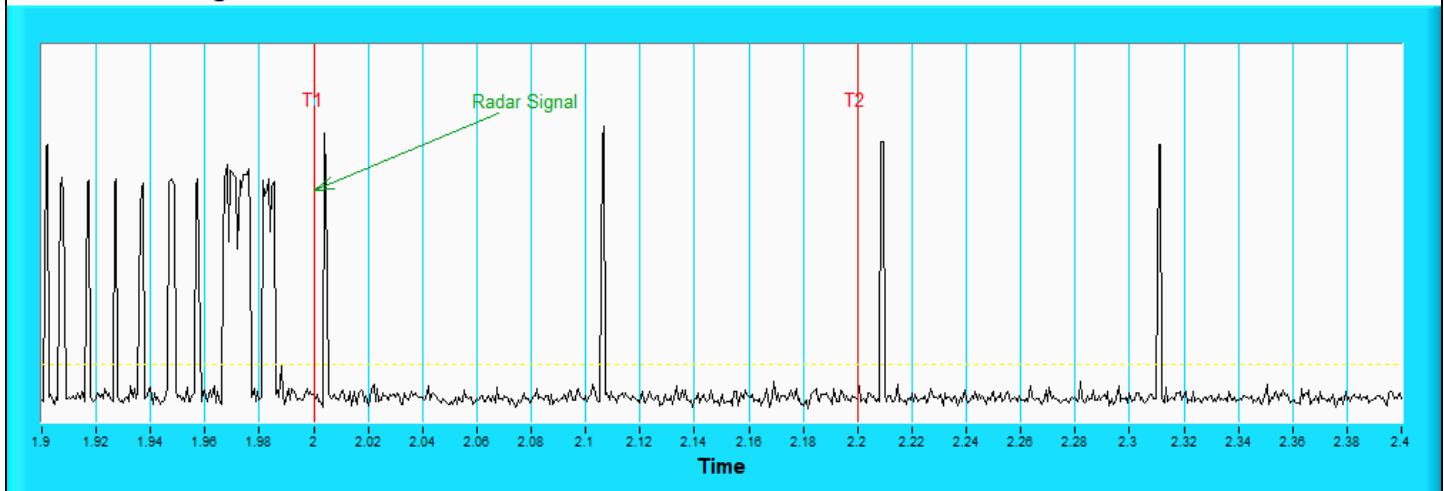
Radar signal 1

Channel Closing Transmission Time & Channel Move Time



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

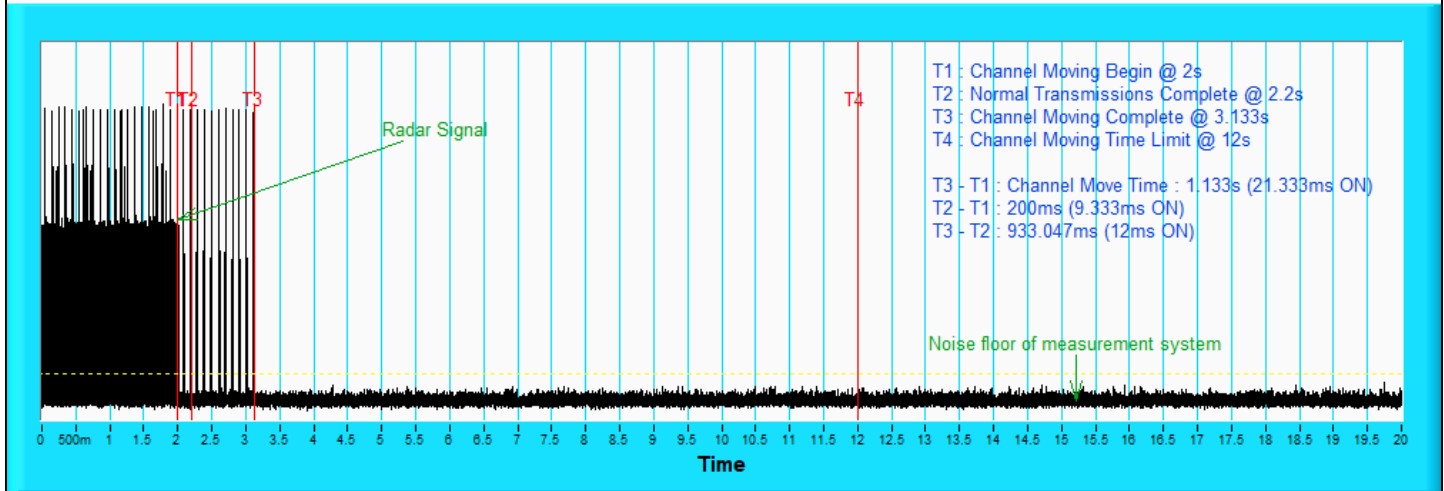
Channel Closing Transmission Time & Channel Move Time



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

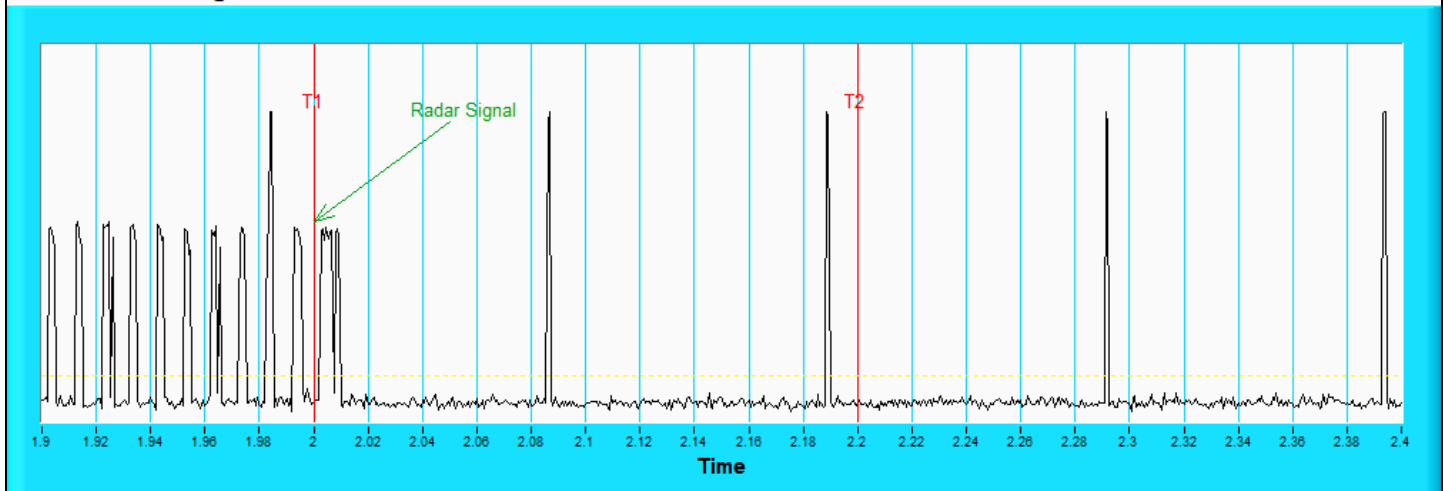
Radar signal 2

Channel Closing Transmission Time & Channel Move Time



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

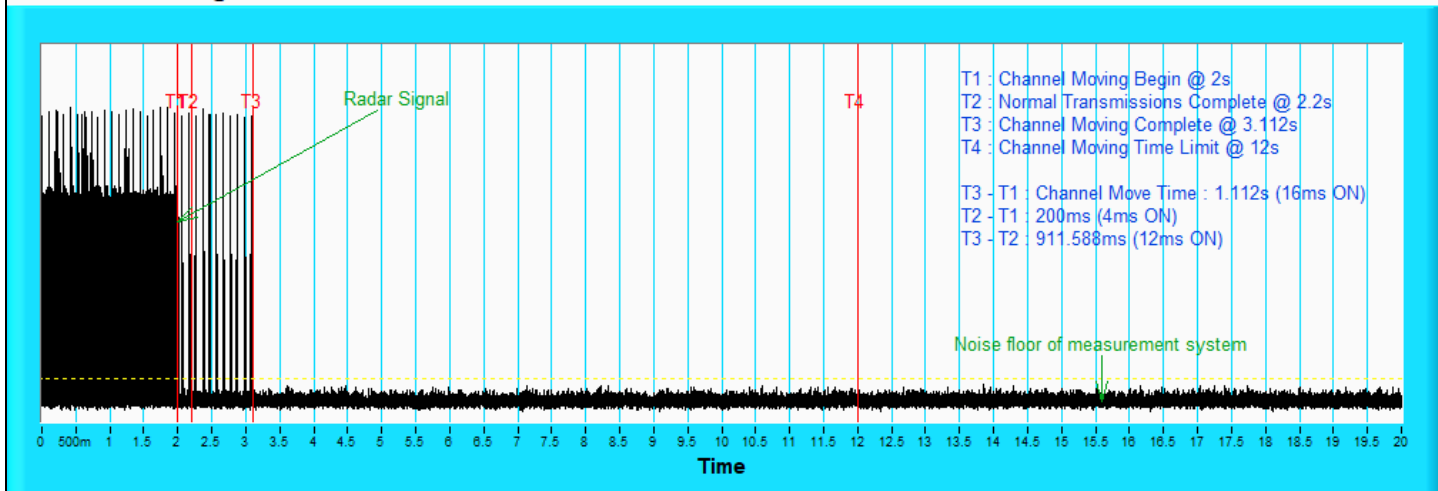
Channel Closing Transmission Time & Channel Move Time



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

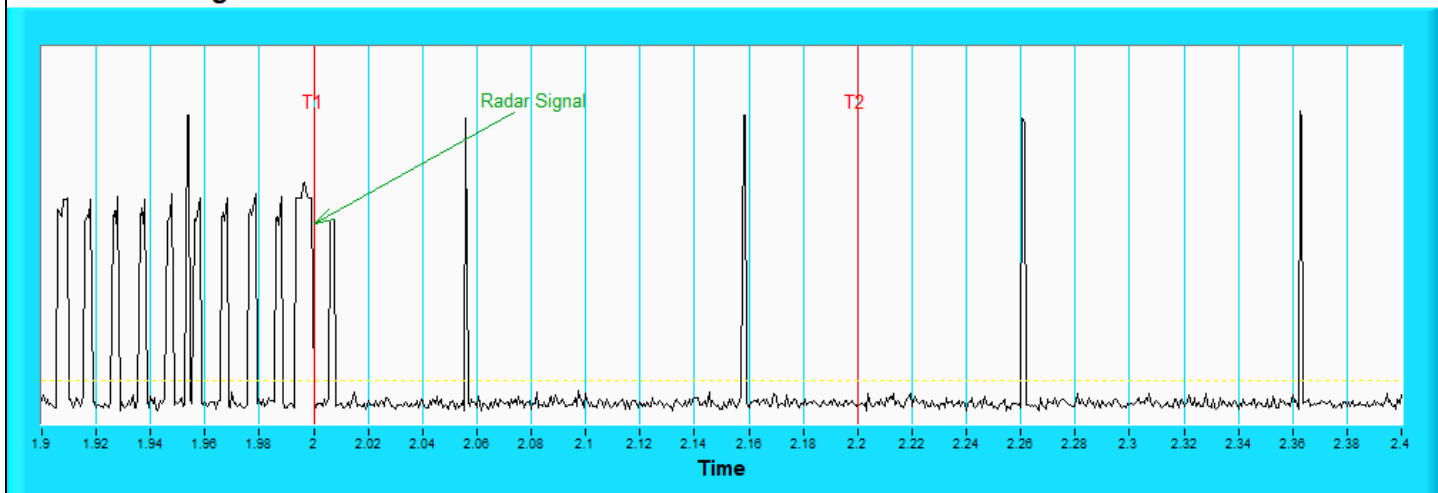
Radar signal 3

Channel Closing Transmission Time & Channel Move Time



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

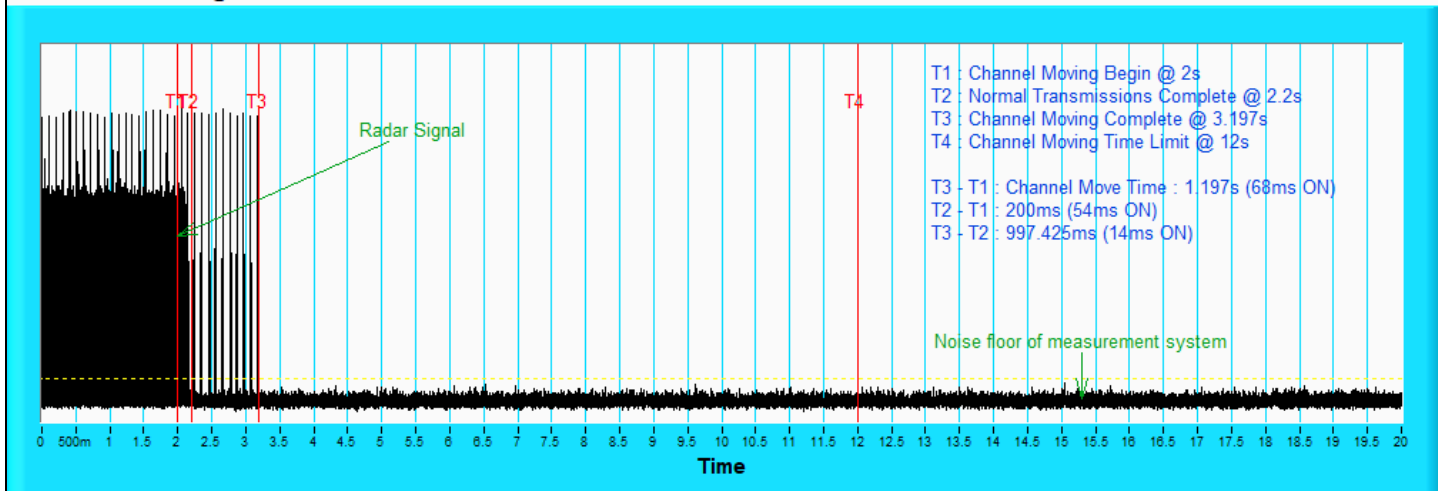
Channel Closing Transmission Time & Channel Move Time



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

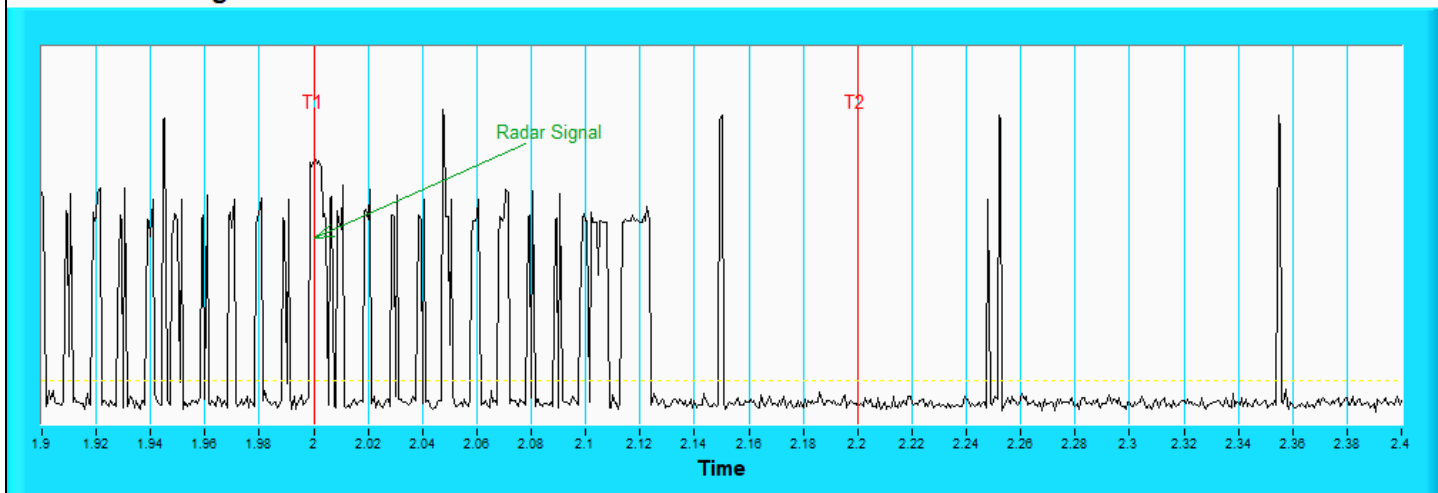
Radar signal 4

Channel Closing Transmission Time & Channel Move Time



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

Channel Closing Transmission Time & Channel Move Time



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

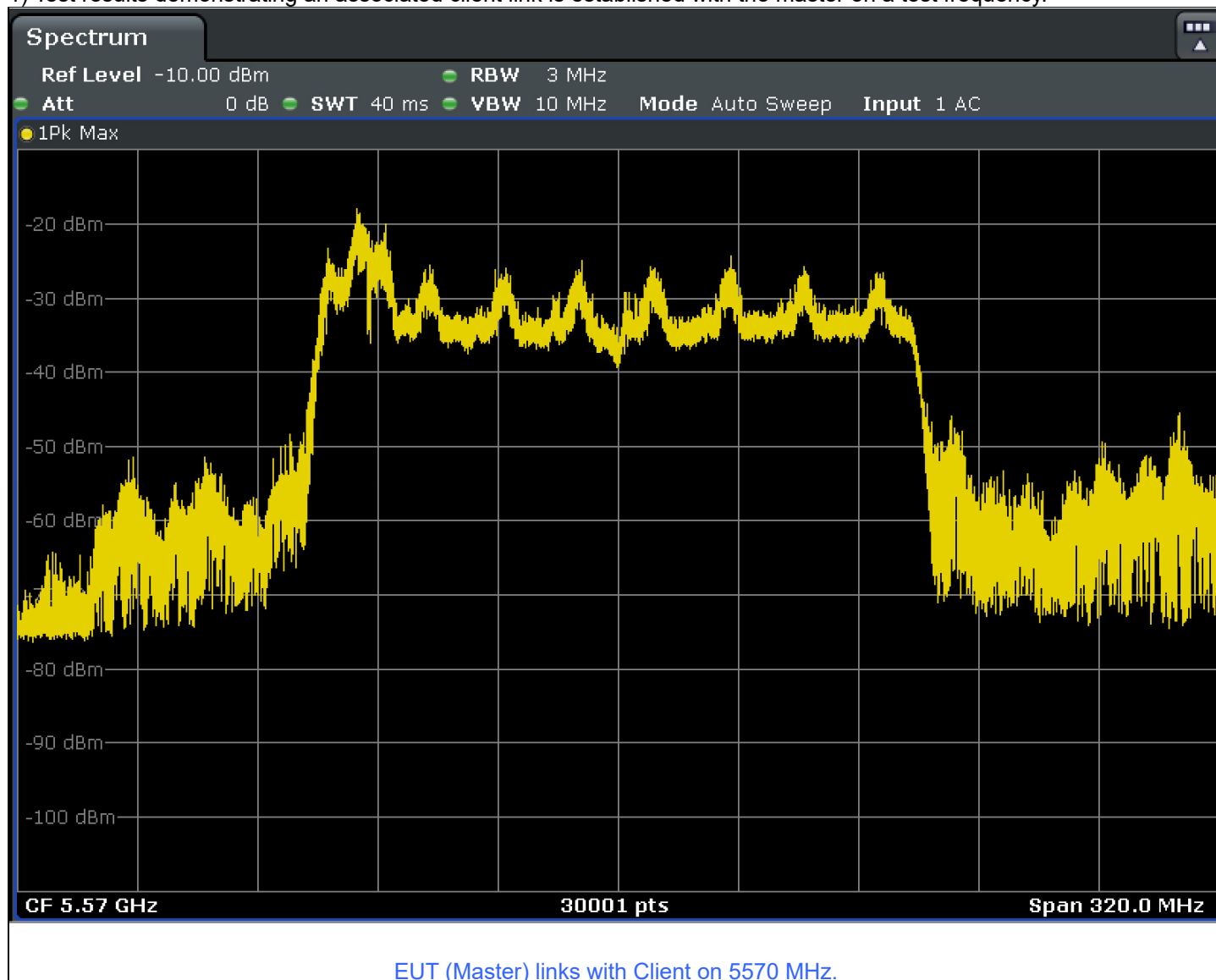
7.4 Non-Occupancy Period

Environmental Conditions:	25°C, 65% RH	Tested By:	Gary Cheng
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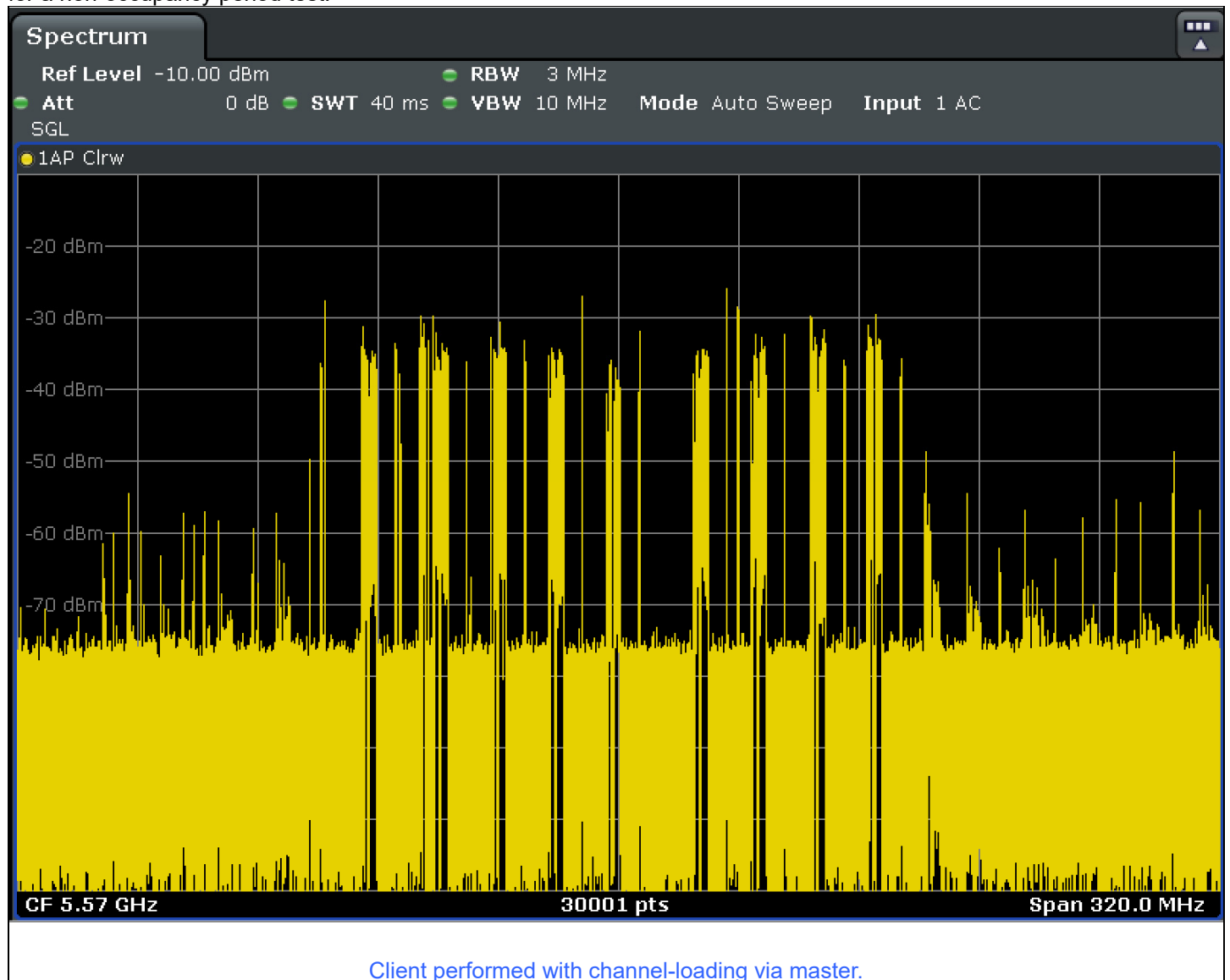
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For Associated Test

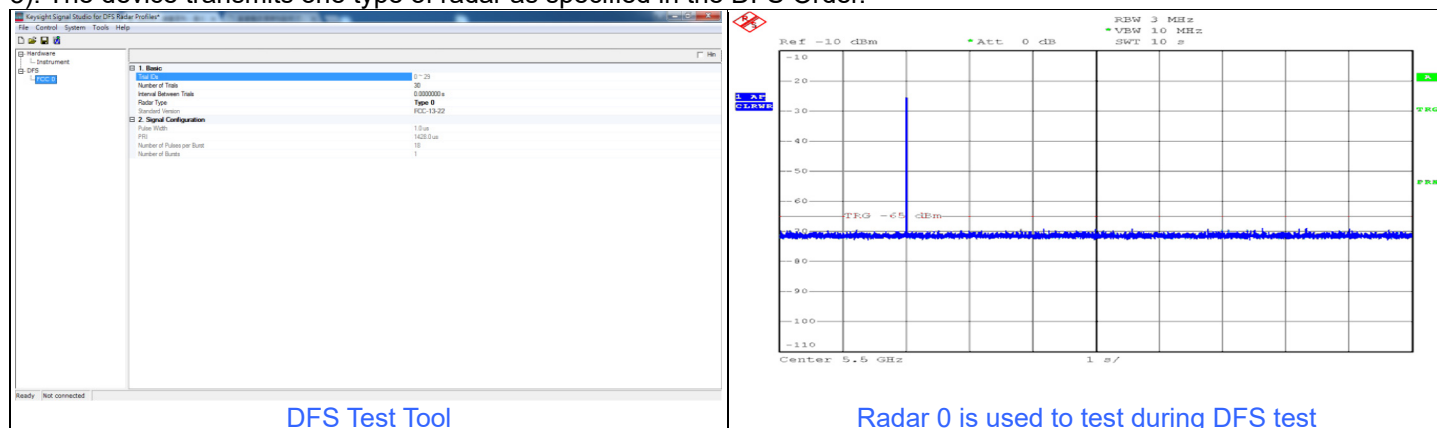
1) Test results demonstrating an associated client link is established with the master on a test frequency.



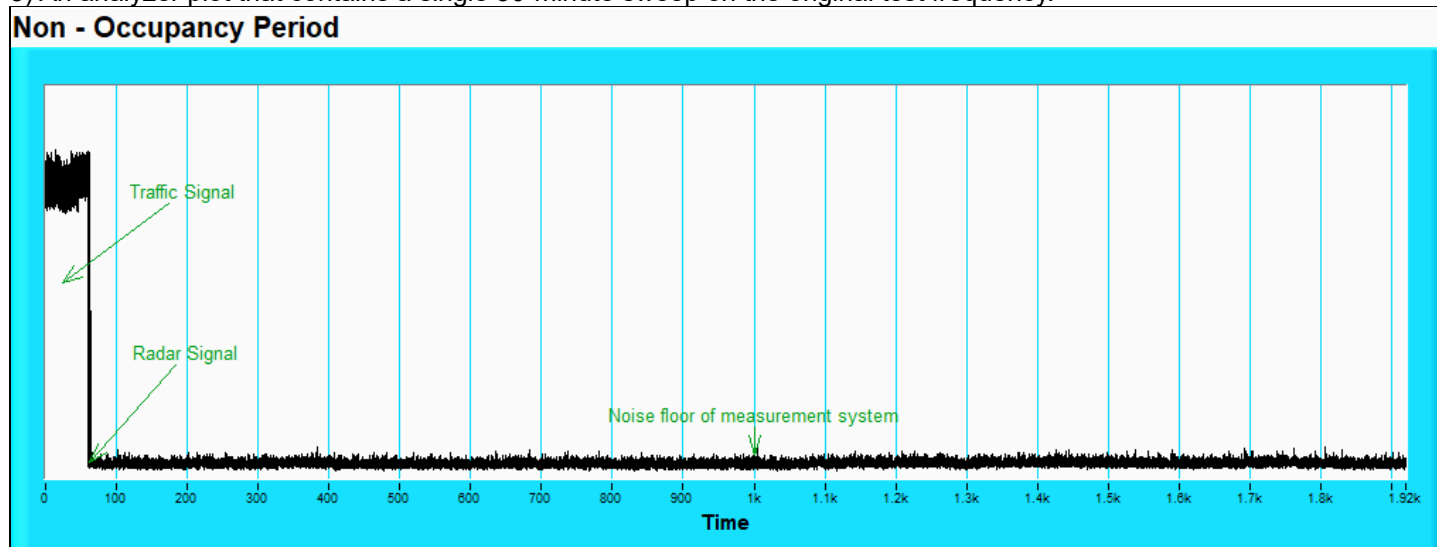
2) The master and DFS-certified client device are associated, and system testing will be performed with channel-loading for a non-occupancy period test.



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



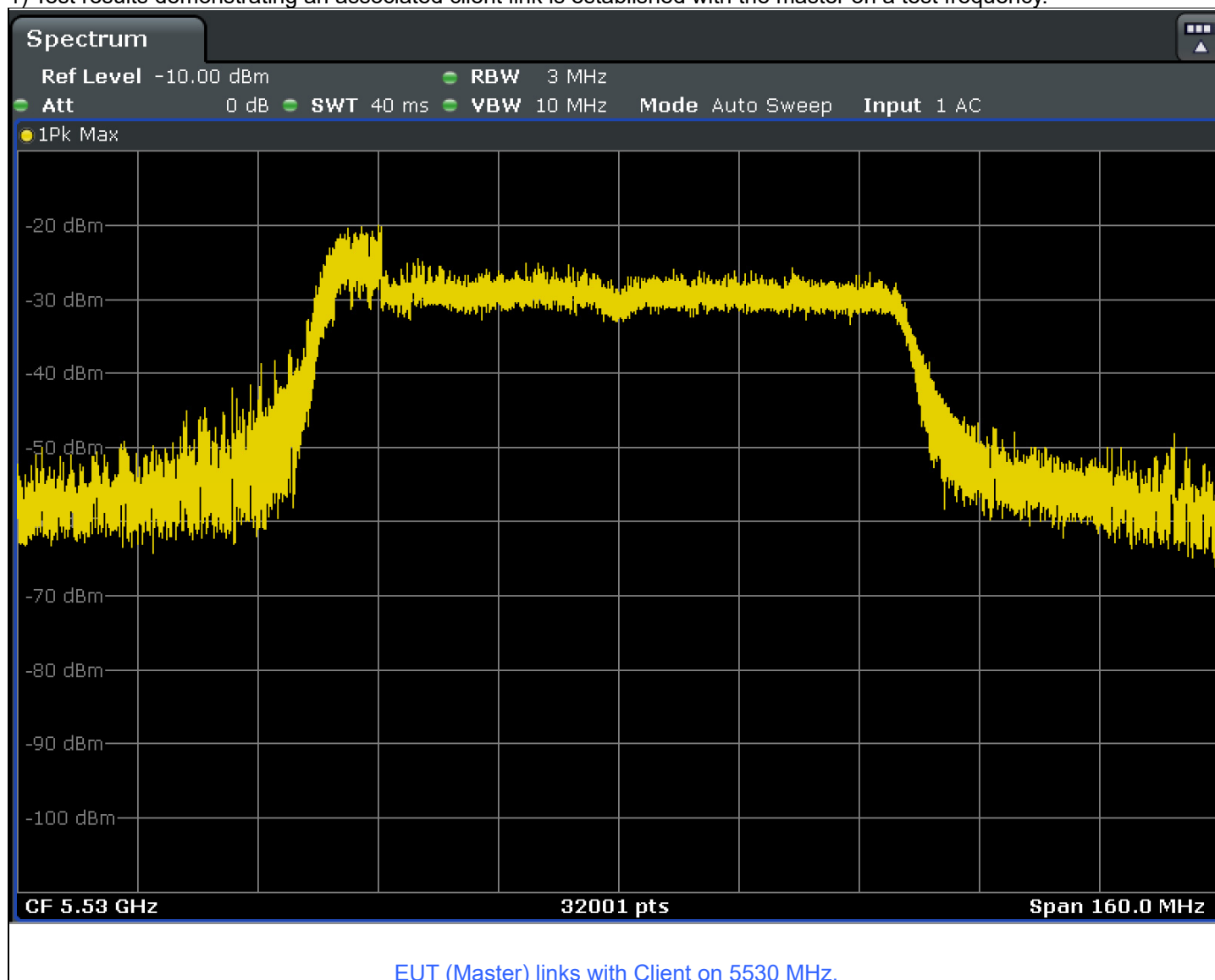
- 4) The test frequency has been monitored to ensure no transmission of any type has occurred for 30 minutes;
 Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels),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



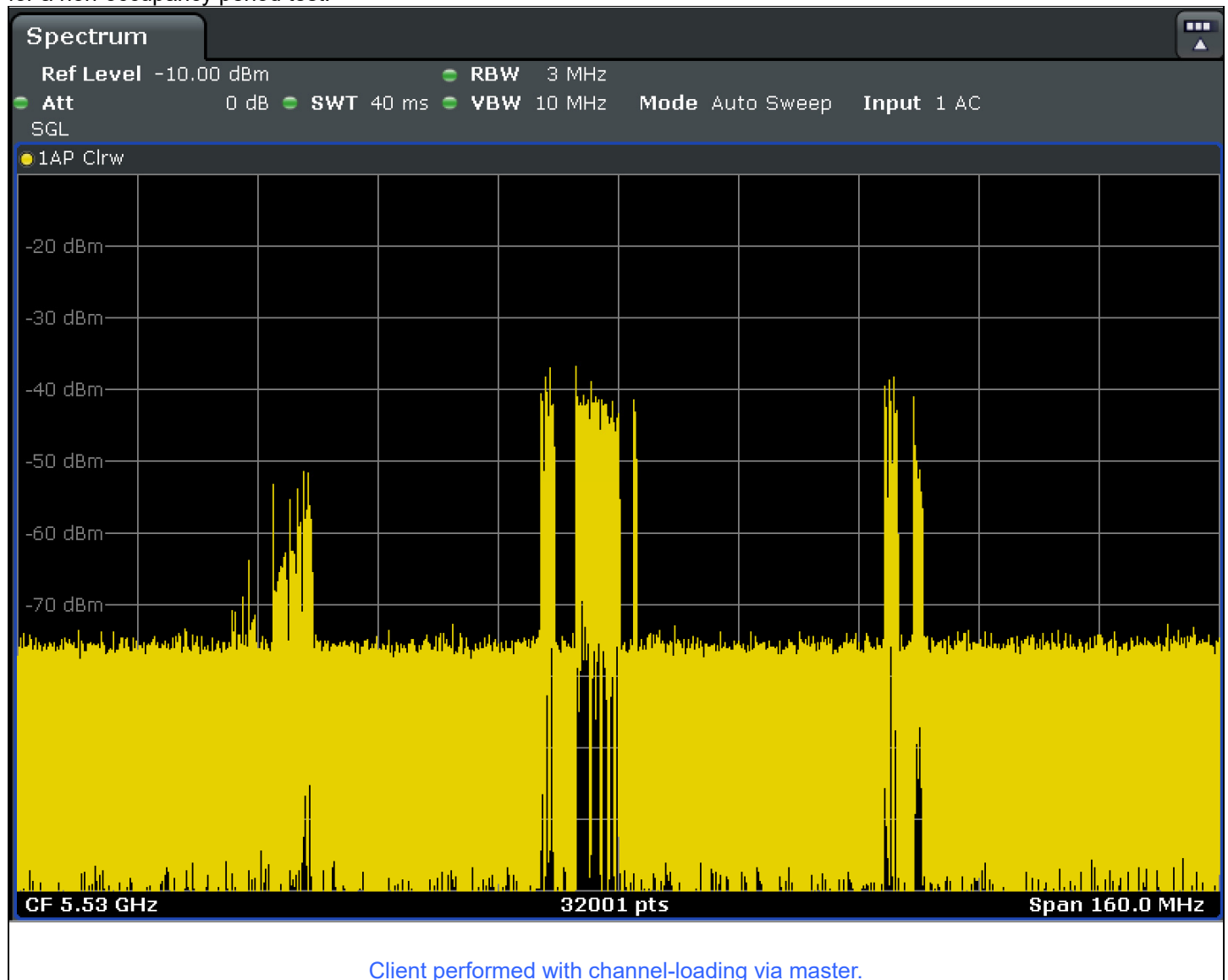
MT7975AN

For Associated Test

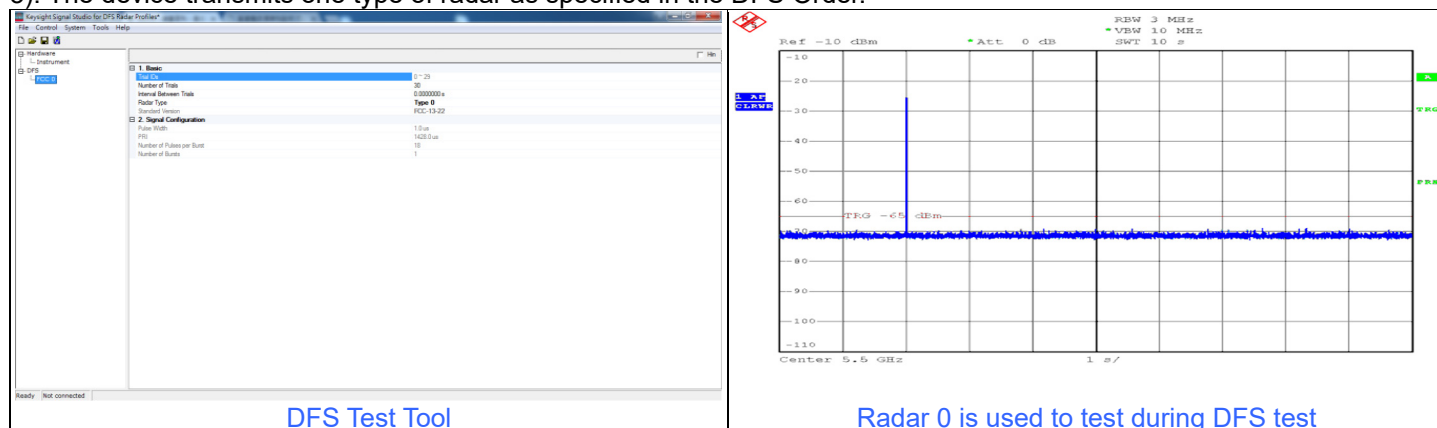
1) Test results demonstrating an associated client link is established with the master on a test frequency.



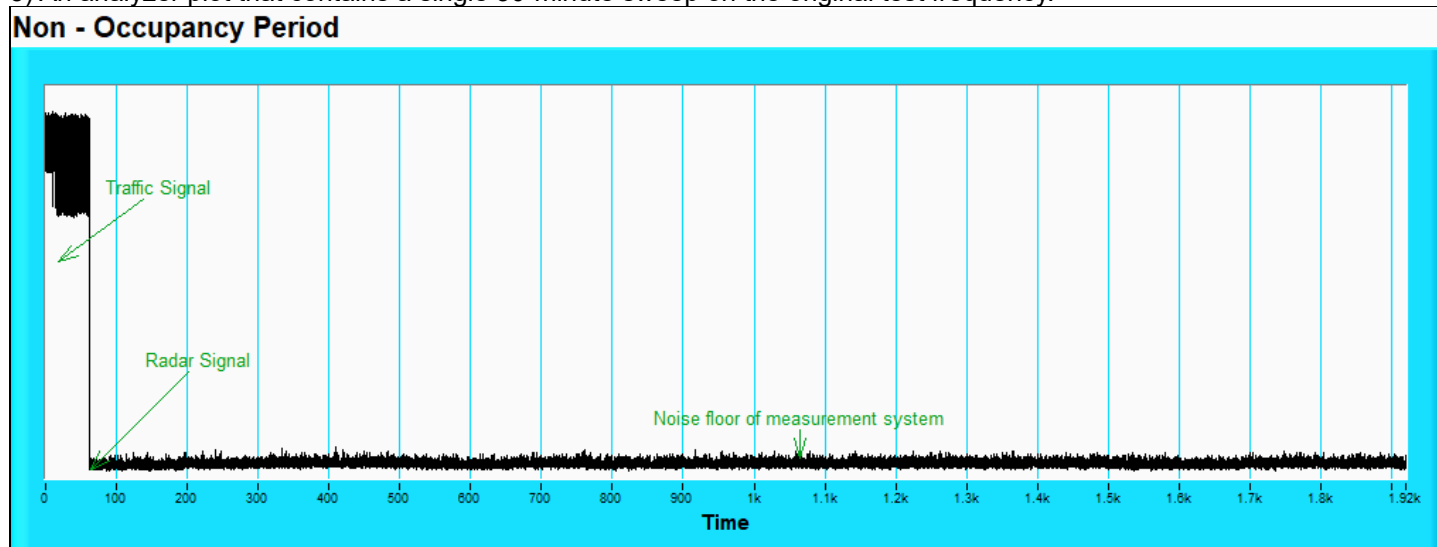
2) The master and DFS-certified client device are associated, and system testing will be performed with channel-loading for a non-occupancy period test.



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



- 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:	25°C, 65% RH	Tested By:	Gary Cheng
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Master:

Radar Type	Number of Trials (Times)	Percentage of Successful Detection				Minimum Percentage of Successful Detection	Test Result
		802.11ax (HE20) CH100	802.11ax (HE40) CH102	802.11ax (HE80) CH106	802.11ax (HE160) CH114		
1	30	96.6%	96.6%	96.6%	96.6%	60%	Pass
2	30	90.0%	83.3%	90.0%	93.3%	60%	Pass
3	30	93.3%	96.6%	96.6%	86.6%	60%	Pass
4	30	96.6%	96.6%	96.6%	90.0%	60%	Pass
Aggregate (Radar Types 1-4)		94.1%	93.3%	95.0%	91.6%	80%	Pass
5	30	93.3%	86.6%	93.3%	90.0%	80%	Pass
6	30	96.6%	96.6%	96.6%	96.6%	70%	Pass

Extender:

Radar Type	Number of Trials (Times)	Percentage of Successful Detection	Minimum Percentage of Successful Detection	Test Result
		802.11ax (HE160) CH14		
3	30	100%	60%	Pass

Master:

802.11ax (HE20)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5500	5	1672.2	89	598	Yes
2	5507	21	1089.3	58	918	Yes
3	5503	14	1285.3	68	778	Yes
4	5497	23	326.2	18	3066	Yes
5	5495	10	1432.7	76	698	Yes
6	5504	13	1319.3	70	758	Yes
7	5494	16	1222.5	65	818	Yes
8	5508	15	1253.1	67	798	Yes
9	5500	11	1392.8	74	718	Yes
10	5496	3	1792.1	95	558	Yes
11	5504	22	1066.1	57	938	Yes
12	5503	7	1567.4	83	638	Yes
13	5493	17	1193.3	63	838	No
14	5500	18	1165.6	62	858	Yes
15	5494	9	1474.9	78	678	Yes
16	5497	-	1524.4	81	656	Yes
17	5506	-	749.6	40	1334	Yes
18	5492	-	1811.6	96	552	Yes
19	5495	-	660.5	35	1514	Yes
20	5504	-	364.2	20	2746	Yes
21	5505	-	960.6	51	1041	Yes
22	5494	-	344.1	19	2906	Yes
23	5492	-	421.2	23	2374	Yes
24	5504	-	751.3	40	1331	Yes
25	5504	-	513.3	28	1948	Yes
26	5502	-	1026.7	55	974	Yes
27	5493	-	409.3	22	2443	Yes
28	5503	-	557.4	30	1794	Yes
29	5509	-	874.1	47	1144	Yes
30	5503	-	473.5	25	2112	Yes
Detection Rate : 96.6%						

Note. “ - ” : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE20)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	28	4.2	228	Yes
2	5493	24	1.6	202	No
3	5495	24	1.9	193	No
4	5500	29	4.6	189	Yes
5	5496	26	3	167	Yes
6	5504	25	2.6	180	Yes
7	5496	23	1.4	165	Yes
8	5505	29	5	190	Yes
9	5499	23	1.2	168	Yes
10	5506	26	3	224	Yes
11	5500	27	3.9	187	Yes
12	5508	29	5	171	Yes
13	5505	28	4.3	223	Yes
14	5491	26	2.9	216	Yes
15	5502	26	2.9	219	Yes
16	5495	27	3.6	169	Yes
17	5494	25	2.5	199	Yes
18	5493	26	3	151	Yes
19	5502	25	2.4	198	Yes
20	5506	29	5	207	Yes
21	5509	23	1.5	162	Yes
22	5491	29	5	161	No
23	5503	24	1.8	194	Yes
24	5500	28	4.1	178	Yes
25	5503	24	1.6	170	Yes
26	5505	27	3.4	195	Yes
27	5500	25	2.7	212	Yes
28	5494	24	1.7	196	Yes
29	5492	26	2.8	217	Yes
30	5500	24	1.8	183	Yes
Detection Rate : 90%					

802.11ax (HE20)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	18	9.2	258	Yes
2	5504	16	6.6	493	Yes
3	5503	16	6.9	359	Yes
4	5494	18	9.6	397	Yes
5	5501	17	8	355	Yes
6	5501	17	7.6	428	Yes
7	5501	16	6.4	271	No
8	5492	18	10	371	Yes
9	5495	16	6.2	430	Yes
10	5498	17	8	272	Yes
11	5493	18	8.9	202	Yes
12	5500	18	10	264	Yes
13	5497	18	9.3	207	No
14	5503	17	7.9	456	Yes
15	5492	17	7.9	291	Yes
16	5497	17	8.6	411	Yes
17	5494	17	7.5	368	Yes
18	5508	17	8	241	Yes
19	5493	17	7.4	467	Yes
20	5500	18	10	339	Yes
21	5501	16	6.5	500	Yes
22	5509	18	10	358	Yes
23	5504	16	6.8	251	Yes
24	5508	18	9.1	230	Yes
25	5503	16	6.6	285	Yes
26	5506	17	8.4	426	Yes
27	5494	17	7.7	350	Yes
28	5501	16	6.7	434	Yes
29	5507	17	7.8	491	Yes
30	5492	16	6.8	438	Yes
Detection Rate : 93.3%					

802.11ax (HE20)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	15	18.1	258	Yes
2	5502	12	12.3	493	Yes
3	5501	13	13.2	359	Yes
4	5505	16	19.1	397	Yes
5	5493	14	15.4	355	Yes
6	5503	14	14.6	428	Yes
7	5503	12	11.9	271	Yes
8	5496	16	19.9	371	Yes
9	5495	12	11.6	430	Yes
10	5506	14	15.4	272	Yes
11	5509	15	17.4	202	Yes
12	5495	16	19.9	264	No
13	5503	16	18.4	207	Yes
14	5502	14	15.3	456	Yes
15	5508	14	15.3	291	Yes
16	5503	15	16.8	411	Yes
17	5503	13	14.3	368	Yes
18	5501	14	15.5	241	Yes
19	5495	13	14.2	467	Yes
20	5502	16	20	339	Yes
21	5497	12	12.2	500	Yes
22	5496	16	19.9	358	Yes
23	5493	13	12.9	251	Yes
24	5494	15	17.9	230	Yes
25	5504	12	12.3	285	Yes
26	5501	15	16.5	426	Yes
27	5504	14	14.8	350	Yes
28	5491	12	12.6	434	Yes
29	5505	14	15.1	491	Yes
30	5502	13	12.9	438	Yes
Detection Rate : 96.6%					

802.11ax (HE20)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	17	5500	LP_Signal_01	Yes
2	6	5500	LP_Signal_02	No
3	20	5500	LP_Signal_03	No
4	9	5500	LP_Signal_04	Yes
5	10	5500	LP_Signal_05	Yes
6	18	5500	LP_Signal_06	Yes
7	18	5500	LP_Signal_07	Yes
8	5	5500	LP_Signal_08	Yes
9	13	5500	LP_Signal_09	Yes
10	16	5500	LP_Signal_10	Yes
11	7	5493	LP_Signal_11	Yes
12	10	5494	LP_Signal_12	Yes
13	6	5492	LP_Signal_13	Yes
14	10	5494	LP_Signal_14	Yes
15	9	5494	LP_Signal_15	Yes
16	6	5492	LP_Signal_16	Yes
17	18	5497	LP_Signal_17	Yes
18	17	5497	LP_Signal_18	Yes
19	13	5495	LP_Signal_19	Yes
20	5	5492	LP_Signal_20	Yes
21	20	5502	LP_Signal_21	Yes
22	17	5503	LP_Signal_22	Yes
23	15	5504	LP_Signal_23	Yes
24	7	5507	LP_Signal_24	Yes
25	12	5505	LP_Signal_25	Yes
26	19	5502	LP_Signal_26	Yes
27	9	5506	LP_Signal_27	Yes
28	12	5505	LP_Signal_28	Yes
29	14	5504	LP_Signal_29	Yes
30	15	5504	LP_Signal_30	Yes
				Detection Rate : 93.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE20)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	No
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE40)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5510	5	1672.2	89	598	Yes
2	5520	21	1089.3	58	918	Yes
3	5500	14	1285.3	68	778	Yes
4	5497	23	326.2	18	3066	Yes
5	5497	10	1432.7	76	698	Yes
6	5517	13	1319.3	70	758	Yes
7	5522	16	1222.5	65	818	Yes
8	5509	15	1253.1	67	798	Yes
9	5509	11	1392.8	74	718	Yes
10	5518	3	1792.1	95	558	No
11	5502	22	1066.1	57	938	Yes
12	5505	7	1567.4	83	638	Yes
13	5501	17	1193.3	63	838	Yes
14	5516	18	1165.6	62	858	Yes
15	5501	9	1474.9	78	678	Yes
16	5513	-	1524.4	81	656	Yes
17	5501	-	749.6	40	1334	Yes
18	5517	-	1811.6	96	552	Yes
19	5519	-	660.5	35	1514	Yes
20	5520	-	364.2	20	2746	Yes
21	5507	-	960.6	51	1041	Yes
22	5515	-	344.1	19	2906	Yes
23	5509	-	421.2	23	2374	Yes
24	5513	-	751.3	40	1331	Yes
25	5503	-	513.3	28	1948	Yes
26	5520	-	1026.7	55	974	Yes
27	5495	-	409.3	22	2443	Yes
28	5522	-	557.4	30	1794	Yes
29	5524	-	874.1	47	1144	Yes
30	5500	-	473.5	25	2112	Yes

Detection Rate : 96.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE40)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	28	4.2	228	Yes
2	5520	24	1.6	202	Yes
3	5500	24	1.9	193	Yes
4	5506	29	4.6	189	Yes
5	5514	26	3	167	Yes
6	5514	25	2.6	180	Yes
7	5501	23	1.4	165	Yes
8	5516	29	5	190	Yes
9	5522	23	1.2	168	Yes
10	5499	26	3	224	Yes
11	5509	27	3.9	187	No
12	5499	29	5	171	Yes
13	5501	28	4.3	223	Yes
14	5508	26	2.9	216	Yes
15	5521	26	2.9	219	Yes
16	5516	27	3.6	169	No
17	5496	25	2.5	199	Yes
18	5505	26	3	151	Yes
19	5497	25	2.4	198	Yes
20	5508	29	5	207	No
21	5500	23	1.5	162	Yes
22	5511	29	5	161	Yes
23	5498	24	1.8	194	Yes
24	5498	28	4.1	178	Yes
25	5523	24	1.6	170	Yes
26	5496	27	3.4	195	No
27	5496	25	2.7	212	Yes
28	5523	24	1.7	196	Yes
29	5503	26	2.8	217	Yes
30	5524	24	1.8	183	No
					Detection Rate : 83.3%

802.11ax (HE40)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	18	9.2	258	Yes
2	5520	16	6.6	493	Yes
3	5500	16	6.9	359	Yes
4	5513	18	9.6	397	Yes
5	5505	17	8	355	Yes
6	5520	17	7.6	428	Yes
7	5519	16	6.4	271	Yes
8	5498	18	10	371	Yes
9	5521	16	6.2	430	Yes
10	5515	17	8	272	Yes
11	5496	18	8.9	202	Yes
12	5519	18	10	264	Yes
13	5514	18	9.3	207	Yes
14	5503	17	7.9	456	Yes
15	5521	17	7.9	291	Yes
16	5519	17	8.6	411	Yes
17	5497	17	7.5	368	Yes
18	5497	17	8	241	Yes
19	5501	17	7.4	467	Yes
20	5521	18	10	339	Yes
21	5502	16	6.5	500	Yes
22	5516	18	10	358	No
23	5519	16	6.8	251	Yes
24	5521	18	9.1	230	Yes
25	5510	16	6.6	285	Yes
26	5495	17	8.4	426	Yes
27	5519	17	7.7	350	Yes
28	5496	16	6.7	434	Yes
29	5502	17	7.8	491	Yes
30	5512	16	6.8	438	Yes
Detection Rate : 96.6%					

802.11ax (HE40)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	15	18.1	258	Yes
2	5520	12	12.3	493	No
3	5500	13	13.2	359	Yes
4	5519	16	19.1	397	Yes
5	5504	14	15.4	355	Yes
6	5509	14	14.6	428	Yes
7	5516	12	11.9	271	Yes
8	5523	16	19.9	371	Yes
9	5514	12	11.6	430	Yes
10	5506	14	15.4	272	Yes
11	5498	15	17.4	202	Yes
12	5523	16	19.9	264	Yes
13	5506	16	18.4	207	Yes
14	5502	14	15.3	456	Yes
15	5517	14	15.3	291	Yes
16	5505	15	16.8	411	Yes
17	5523	13	14.3	368	Yes
18	5519	14	15.5	241	Yes
19	5519	13	14.2	467	Yes
20	5521	16	20	339	Yes
21	5499	12	12.2	500	Yes
22	5508	16	19.9	358	Yes
23	5507	13	12.9	251	Yes
24	5503	15	17.9	230	Yes
25	5514	12	12.3	285	Yes
26	5508	15	16.5	426	Yes
27	5496	14	14.8	350	Yes
28	5506	12	12.6	434	Yes
29	5516	14	15.1	491	Yes
30	5499	13	12.9	438	Yes
					Detection Rate : 96.6%

802.11ax (HE40)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	12	5510	LP_Signal_01	Yes
2	16	5510	LP_Signal_02	No
3	9	5510	LP_Signal_03	Yes
4	8	5510	LP_Signal_04	No
5	11	5510	LP_Signal_05	Yes
6	16	5510	LP_Signal_06	Yes
7	18	5510	LP_Signal_07	Yes
8	14	5510	LP_Signal_08	Yes
9	15	5510	LP_Signal_09	Yes
10	5	5510	LP_Signal_10	Yes
11	17	5498	LP_Signal_11	Yes
12	10	5495	LP_Signal_12	Yes
13	9	5495	LP_Signal_13	Yes
14	5	5493	LP_Signal_14	Yes
15	14	5497	LP_Signal_15	Yes
16	16	5497	LP_Signal_16	Yes
17	15	5497	LP_Signal_17	Yes
18	10	5495	LP_Signal_18	Yes
19	17	5498	LP_Signal_19	Yes
20	13	5496	LP_Signal_20	Yes
21	7	5526	LP_Signal_21	No
22	20	5521	LP_Signal_22	Yes
23	7	5526	LP_Signal_23	Yes
24	9	5525	LP_Signal_24	Yes
25	10	5525	LP_Signal_25	Yes
26	16	5523	LP_Signal_26	Yes
27	20	5521	LP_Signal_27	Yes
28	5	5527	LP_Signal_28	Yes
29	6	5527	LP_Signal_29	No
30	19	5521	LP_Signal_30	Yes
				Detection Rate : 86.6%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)

Type 6 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	No
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5530	5	1672.2	89	598	Yes
2	5540	21	1089.3	58	918	Yes
3	5560	14	1285.3	68	778	Yes
4	5520	23	326.2	18	3066	Yes
5	5500	10	1432.7	76	698	Yes
6	5542	13	1319.3	70	758	Yes
7	5532	16	1222.5	65	818	Yes
8	5540	15	1253.1	67	798	Yes
9	5521	11	1392.8	74	718	Yes
10	5527	3	1792.1	95	558	Yes
11	5552	22	1066.1	57	938	Yes
12	5560	7	1567.4	83	638	Yes
13	5542	17	1193.3	63	838	Yes
14	5525	18	1165.6	62	858	Yes
15	5532	9	1474.9	78	678	Yes
16	5538	-	1524.4	81	656	Yes
17	5551	-	749.6	40	1334	Yes
18	5525	-	1811.6	96	552	Yes
19	5542	-	660.5	35	1514	Yes
20	5535	-	364.2	20	2746	Yes
21	5539	-	960.6	51	1041	Yes
22	5527	-	344.1	19	2906	Yes
23	5560	-	421.2	23	2374	Yes
24	5523	-	751.3	40	1331	Yes
25	5546	-	513.3	28	1948	Yes
26	5501	-	1026.7	55	974	Yes
27	5516	-	409.3	22	2443	Yes
28	5528	-	557.4	30	1794	Yes
29	5509	-	874.1	47	1144	Yes
30	5508	-	473.5	25	2112	No

Detection Rate : 96.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE80)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	28	4.2	228	No
2	5540	24	1.6	202	Yes
3	5560	24	1.9	193	Yes
4	5520	29	4.6	189	Yes
5	5500	26	3	167	Yes
6	5502	25	2.6	180	Yes
7	5547	23	1.4	165	Yes
8	5532	29	5	190	Yes
9	5544	23	1.2	168	Yes
10	5554	26	3	224	Yes
11	5515	27	3.9	187	Yes
12	5529	29	5	171	Yes
13	5534	28	4.3	223	Yes
14	5546	26	2.9	216	Yes
15	5550	26	2.9	219	Yes
16	5543	27	3.6	169	Yes
17	5529	25	2.5	199	Yes
18	5559	26	3	151	Yes
19	5536	25	2.4	198	Yes
20	5514	29	5	207	Yes
21	5544	23	1.5	162	Yes
22	5525	29	5	161	Yes
23	5560	24	1.8	194	No
24	5555	28	4.1	178	No
25	5534	24	1.6	170	Yes
26	5557	27	3.4	195	Yes
27	5538	25	2.7	212	Yes
28	5529	24	1.7	196	Yes
29	5512	26	2.8	217	Yes
30	5554	24	1.8	183	Yes
Detection Rate : 90%					

802.11ax (HE80)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	18	9.2	258	Yes
2	5540	16	6.6	493	Yes
3	5560	16	6.9	359	Yes
4	5520	18	9.6	397	Yes
5	5500	17	8	355	Yes
6	5544	17	7.6	428	Yes
7	5512	16	6.4	271	Yes
8	5539	18	10	371	Yes
9	5557	16	6.2	430	Yes
10	5534	17	8	272	Yes
11	5528	18	8.9	202	Yes
12	5524	18	10	264	Yes
13	5552	18	9.3	207	Yes
14	5537	17	7.9	456	Yes
15	5536	17	7.9	291	Yes
16	5550	17	8.6	411	Yes
17	5548	17	7.5	368	Yes
18	5557	17	8	241	Yes
19	5523	17	7.4	467	Yes
20	5549	18	10	339	Yes
21	5523	16	6.5	500	Yes
22	5547	18	10	358	Yes
23	5508	16	6.8	251	Yes
24	5504	18	9.1	230	Yes
25	5540	16	6.6	285	Yes
26	5528	17	8.4	426	Yes
27	5555	17	7.7	350	Yes
28	5556	16	6.7	434	Yes
29	5542	17	7.8	491	Yes
30	5556	16	6.8	438	No
Detection Rate : 96.6%					

802.11ax (HE80)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	15	18.1	258	Yes
2	5540	12	12.3	493	Yes
3	5560	13	13.2	359	Yes
4	5520	16	19.1	397	Yes
5	5500	14	15.4	355	Yes
6	5556	14	14.6	428	Yes
7	5513	12	11.9	271	Yes
8	5502	16	19.9	371	Yes
9	5510	12	11.6	430	Yes
10	5523	14	15.4	272	Yes
11	5501	15	17.4	202	Yes
12	5514	16	19.9	264	Yes
13	5508	16	18.4	207	No
14	5538	14	15.3	456	Yes
15	5517	14	15.3	291	Yes
16	5525	15	16.8	411	Yes
17	5550	13	14.3	368	Yes
18	5552	14	15.5	241	Yes
19	5507	13	14.2	467	Yes
20	5524	16	20	339	Yes
21	5549	12	12.2	500	Yes
22	5542	16	19.9	358	Yes
23	5506	13	12.9	251	Yes
24	5543	15	17.9	230	Yes
25	5542	12	12.3	285	Yes
26	5504	15	16.5	426	Yes
27	5560	14	14.8	350	Yes
28	5542	12	12.6	434	Yes
29	5543	14	15.1	491	Yes
30	5530	13	12.9	438	Yes
Detection Rate : 96.6%					

802.11ax (HE80)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	7	5530	LP_Signal_01	Yes
2	10	5530	LP_Signal_02	No
3	14	5530	LP_Signal_03	Yes
4	7	5530	LP_Signal_04	Yes
5	12	5530	LP_Signal_05	Yes
6	14	5530	LP_Signal_06	Yes
7	19	5530	LP_Signal_07	Yes
8	6	5530	LP_Signal_08	Yes
9	16	5530	LP_Signal_09	Yes
10	10	5530	LP_Signal_10	Yes
11	11	5495	LP_Signal_11	Yes
12	11	5495	LP_Signal_12	Yes
13	12	5496	LP_Signal_13	Yes
14	16	5497	LP_Signal_14	Yes
15	19	5499	LP_Signal_15	Yes
16	10	5495	LP_Signal_16	Yes
17	11	5495	LP_Signal_17	Yes
18	19	5499	LP_Signal_18	Yes
19	5	5493	LP_Signal_19	Yes
20	5	5493	LP_Signal_20	Yes
21	11	5565	LP_Signal_21	Yes
22	8	5566	LP_Signal_22	Yes
23	16	5563	LP_Signal_23	Yes
24	11	5565	LP_Signal_24	Yes
25	8	5566	LP_Signal_25	Yes
26	12	5564	LP_Signal_26	Yes
27	16	5563	LP_Signal_27	Yes
28	14	5563	LP_Signal_28	No
29	14	5563	LP_Signal_29	Yes
30	7	5566	LP_Signal_30	Yes
				Detection Rate : 93.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)

Type 6 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	No
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE160)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5570	5	1672.2	89	598	Yes
2	5580	21	1089.3	58	918	Yes
3	5600	14	1285.3	68	778	Yes
4	5610	23	326.2	18	3066	Yes
5	5560	10	1432.7	76	698	Yes
6	5540	13	1319.3	70	758	Yes
7	5530	16	1222.5	65	818	Yes
8	5603	15	1253.1	67	798	Yes
9	5556	11	1392.8	74	718	Yes
10	5575	3	1792.1	95	558	Yes
11	5519	22	1066.1	57	938	Yes
12	5553	7	1567.4	83	638	Yes
13	5580	17	1193.3	63	838	Yes
14	5619	18	1165.6	62	858	Yes
15	5602	9	1474.9	78	678	Yes
16	5629	-	1524.4	81	656	Yes
17	5577	-	749.6	40	1334	Yes
18	5621	-	1811.6	96	552	Yes
19	5595	-	660.5	35	1514	Yes
20	5612	-	364.2	20	2746	Yes
21	5616	-	960.6	51	1041	Yes
22	5626	-	344.1	19	2906	Yes
23	5594	-	421.2	23	2374	Yes
24	5534	-	751.3	40	1331	Yes
25	5550	-	513.3	28	1948	Yes
26	5621	-	1026.7	55	974	No
27	5544	-	409.3	22	2443	Yes
28	5567	-	557.4	30	1794	Yes
29	5576	-	874.1	47	1144	Yes
30	5571	-	473.5	25	2112	Yes

Detection Rate : 96.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE160)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5570	28	4.2	228	Yes
2	5580	24	1.6	202	Yes
3	5600	24	1.9	193	Yes
4	5610	29	4.6	189	Yes
5	5560	26	3	167	Yes
6	5540	25	2.6	180	Yes
7	5530	23	1.4	165	Yes
8	5603	29	5	190	Yes
9	5631	23	1.2	168	Yes
10	5532	26	3	224	No
11	5594	27	3.9	187	Yes
12	5578	29	5	171	Yes
13	5518	28	4.3	223	Yes
14	5598	26	2.9	216	Yes
15	5556	26	2.9	219	Yes
16	5620	27	3.6	169	Yes
17	5521	25	2.5	199	Yes
18	5568	26	3	151	Yes
19	5629	25	2.4	198	Yes
20	5624	29	5	207	Yes
21	5601	23	1.5	162	No
22	5613	29	5	161	Yes
23	5558	24	1.8	194	Yes
24	5525	28	4.1	178	Yes
25	5575	24	1.6	170	Yes
26	5524	27	3.4	195	Yes
27	5570	25	2.7	212	Yes
28	5574	24	1.7	196	Yes
29	5514	26	2.8	217	Yes
30	5550	24	1.8	183	Yes
Detection Rate : 93.3%					

802.11ax (HE160)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5570	18	9.2	258	Yes
2	5580	16	6.6	493	Yes
3	5600	16	6.9	359	Yes
4	5610	18	9.6	397	Yes
5	5560	17	8	355	Yes
6	5540	17	7.6	428	Yes
7	5530	16	6.4	271	No
8	5584	18	10	371	Yes
9	5559	16	6.2	430	Yes
10	5576	17	8	272	Yes
11	5576	18	8.9	202	Yes
12	5518	18	10	264	No
13	5626	18	9.3	207	Yes
14	5539	17	7.9	456	Yes
15	5547	17	7.9	291	Yes
16	5565	17	8.6	411	Yes
17	5561	17	7.5	368	No
18	5581	17	8	241	Yes
19	5578	17	7.4	467	Yes
20	5527	18	10	339	Yes
21	5629	16	6.5	500	Yes
22	5629	18	10	358	Yes
23	5572	16	6.8	251	No
24	5533	18	9.1	230	Yes
25	5521	16	6.6	285	Yes
26	5628	17	8.4	426	Yes
27	5516	17	7.7	350	Yes
28	5561	16	6.7	434	Yes
29	5607	17	7.8	491	Yes
30	5540	16	6.8	438	Yes
Detection Rate : 86.6%					

802.11ax (HE160)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5570	15	18.1	258	Yes
2	5580	12	12.3	493	Yes
3	5600	13	13.2	359	Yes
4	5610	16	19.1	397	Yes
5	5560	14	15.4	355	Yes
6	5540	14	14.6	428	Yes
7	5530	12	11.9	271	Yes
8	5520	16	19.9	371	Yes
9	5603	12	11.6	430	Yes
10	5546	14	15.4	272	Yes
11	5595	15	17.4	202	Yes
12	5602	16	19.9	264	Yes
13	5587	16	18.4	207	Yes
14	5592	14	15.3	456	Yes
15	5596	14	15.3	291	Yes
16	5523	15	16.8	411	Yes
17	5523	13	14.3	368	Yes
18	5592	14	15.5	241	Yes
19	5553	13	14.2	467	Yes
20	5567	16	20	339	No
21	5628	12	12.2	500	Yes
22	5590	16	19.9	358	Yes
23	5556	13	12.9	251	Yes
24	5591	15	17.9	230	Yes
25	5570	12	12.3	285	No
26	5568	15	16.5	426	Yes
27	5603	14	14.8	350	No
28	5568	12	12.6	434	Yes
29	5557	14	15.1	491	Yes
30	5621	13	12.9	438	Yes
Detection Rate : 90%					

802.11ax (HE160)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	12	5570	LP_Signal_01	Yes
2	18	5570	LP_Signal_02	No
3	20	5570	LP_Signal_03	Yes
4	16	5570	LP_Signal_04	Yes
5	19	5570	LP_Signal_05	Yes
6	6	5570	LP_Signal_06	Yes
7	9	5570	LP_Signal_07	Yes
8	6	5570	LP_Signal_08	Yes
9	8	5570	LP_Signal_09	Yes
10	17	5570	LP_Signal_10	Yes
11	8	5497	LP_Signal_11	Yes
12	17	5499	LP_Signal_12	Yes
13	16	5496	LP_Signal_13	Yes
14	20	5495	LP_Signal_14	Yes
15	9	5498	LP_Signal_15	Yes
16	18	5496	LP_Signal_16	Yes
17	12	5499	LP_Signal_17	Yes
18	11	5495	LP_Signal_18	No
19	10	5496	LP_Signal_19	Yes
20	15	5495	LP_Signal_20	Yes
21	20	5643	LP_Signal_21	Yes
22	7	5645	LP_Signal_22	Yes
23	16	5641	LP_Signal_23	Yes
24	14	5644	LP_Signal_24	Yes
25	11	5645	LP_Signal_25	Yes
26	8	5647	LP_Signal_26	No
27	5	5643	LP_Signal_27	Yes
28	5	5641	LP_Signal_28	Yes
29	19	5645	LP_Signal_29	Yes
30	17	5642	LP_Signal_30	Yes
				Detection Rate : 90%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE160)

Type 6 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	No
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

Extender:

802.11ax (HE160)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5570	18	9.2	258	Yes
2	5580	16	6.6	493	Yes
3	5600	16	6.9	359	Yes
4	5610	18	9.6	397	Yes
5	5560	17	8	355	Yes
6	5540	17	7.6	428	Yes
7	5530	16	6.4	271	Yes
8	5595	18	10	371	Yes
9	5623	16	6.2	430	Yes
10	5562	17	8	272	Yes
11	5534	18	8.9	202	Yes
12	5560	18	10	264	Yes
13	5627	18	9.3	207	Yes
14	5583	17	7.9	456	Yes
15	5573	17	7.9	291	Yes
16	5518	17	8.6	411	Yes
17	5510	17	7.5	368	Yes
18	5558	17	8	241	Yes
19	5585	17	7.4	467	Yes
20	5570	18	10	339	Yes
21	5629	16	6.5	500	Yes
22	5619	18	10	358	Yes
23	5630	16	6.8	251	Yes
24	5512	18	9.1	230	Yes
25	5544	16	6.6	285	Yes
26	5540	17	8.4	426	Yes
27	5619	17	7.7	350	Yes
28	5552	16	6.7	434	Yes
29	5517	17	7.8	491	Yes
30	5549	16	6.8	438	Yes
					Detection Rate : 100%

MT7975AN

Master:

Radar Type	Number of Trials (Times)	Percentage of Successful Detection			Minimum Percentage of Successful Detection	Test Result
		802.11ax (HE20) CH100	802.11ax (HE40) CH102	802.11ax (HE80) CH106		
1	30	96.6%	96.6%	96.6%	60%	Pass
2	30	80.0%	90.0%	96.6%	60%	Pass
3	30	90.0%	96.6%	96.6%	60%	Pass
4	30	86.6%	96.6%	96.6%	60%	Pass
Aggregate (Radar Types 1-4)		88.3%	95.0%	96.6%	80%	Pass
5	30	93.3%	86.6%	86.6%	80%	Pass
6	30	96.6%	96.6%	96.6%	70%	Pass

Extender:

Radar Type	Number of Trials (Times)	Percentage of Successful Detection	Minimum Percentage of Successful Detection	Test Result
		802.11ax (HE80) CH106		
5	30	100%	80%	Pass

Master:

802.11ax (HE20)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5500	5	1672.2	89	598	Yes
2	5505	21	1089.3	58	918	Yes
3	5501	14	1285.3	68	778	Yes
4	5495	23	326.2	18	3066	Yes
5	5496	10	1432.7	76	698	Yes
6	5502	13	1319.3	70	758	Yes
7	5494	16	1222.5	65	818	Yes
8	5498	15	1253.1	67	798	Yes
9	5497	11	1392.8	74	718	Yes
10	5502	3	1792.1	95	558	Yes
11	5501	22	1066.1	57	938	Yes
12	5506	7	1567.4	83	638	Yes
13	5503	17	1193.3	63	838	Yes
14	5506	18	1165.6	62	858	Yes
15	5506	9	1474.9	78	678	Yes
16	5496	-	1524.4	81	656	Yes
17	5503	-	749.6	40	1334	Yes
18	5503	-	1811.6	96	552	Yes
19	5502	-	660.5	35	1514	Yes
20	5499	-	364.2	20	2746	Yes
21	5498	-	960.6	51	1041	Yes
22	5504	-	344.1	19	2906	Yes
23	5507	-	421.2	23	2374	Yes
24	5504	-	751.3	40	1331	Yes
25	5497	-	513.3	28	1948	Yes
26	5500	-	1026.7	55	974	Yes
27	5506	-	409.3	22	2443	No
28	5495	-	557.4	30	1794	Yes
29	5498	-	874.1	47	1144	Yes
30	5498	-	473.5	25	2112	Yes
Detection Rate : 96.6%						

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE20)

Type 2 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	28	4.2	228	Yes
2	5500	24	1.6	202	Yes
3	5494	24	1.9	193	Yes
4	5503	29	4.6	189	Yes
5	5499	26	3	167	Yes
6	5500	25	2.6	180	Yes
7	5498	23	1.4	165	Yes
8	5502	29	5	190	Yes
9	5494	23	1.2	168	Yes
10	5503	26	3	224	Yes
11	5494	27	3.9	187	Yes
12	5497	29	5	171	Yes
13	5506	28	4.3	223	Yes
14	5500	26	2.9	216	Yes
15	5500	26	2.9	219	Yes
16	5500	27	3.6	169	Yes
17	5503	25	2.5	199	No
18	5505	26	3	151	No
19	5497	25	2.4	198	Yes
20	5502	29	5	207	Yes
21	5495	23	1.5	162	Yes
22	5498	29	5	161	No
23	5507	24	1.8	194	Yes
24	5502	28	4.1	178	Yes
25	5504	24	1.6	170	No
26	5503	27	3.4	195	No
27	5496	25	2.7	212	No
28	5506	24	1.7	196	Yes
29	5506	26	2.8	217	Yes
30	5506	24	1.8	183	Yes
Detection Rate : 80%					

802.11ax (HE20)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	18	9.2	258	Yes
2	5497	16	6.6	493	Yes
3	5499	16	6.9	359	Yes
4	5498	18	9.6	397	Yes
5	5505	17	8	355	Yes
6	5495	17	7.6	428	Yes
7	5495	16	6.4	271	Yes
8	5503	18	10	371	Yes
9	5504	16	6.2	430	Yes
10	5495	17	8	272	Yes
11	5503	18	8.9	202	Yes
12	5505	18	10	264	Yes
13	5501	18	9.3	207	Yes
14	5495	17	7.9	456	Yes
15	5505	17	7.9	291	No
16	5499	17	8.6	411	No
17	5494	17	7.5	368	Yes
18	5496	17	8	241	Yes
19	5494	17	7.4	467	Yes
20	5497	18	10	339	Yes
21	5498	16	6.5	500	Yes
22	5505	18	10	358	Yes
23	5505	16	6.8	251	Yes
24	5500	18	9.1	230	No
25	5494	16	6.6	285	Yes
26	5496	17	8.4	426	Yes
27	5505	17	7.7	350	Yes
28	5503	16	6.7	434	Yes
29	5505	17	7.8	491	Yes
30	5504	16	6.8	438	Yes
Detection Rate : 90%					

802.11ax (HE20)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5500	15	18.1	258	Yes
2	5495	12	12.3	493	Yes
3	5502	13	13.2	359	Yes
4	5506	16	19.1	397	Yes
5	5503	14	15.4	355	Yes
6	5504	14	14.6	428	Yes
7	5495	12	11.9	271	Yes
8	5497	16	19.9	371	Yes
9	5494	12	11.6	430	Yes
10	5499	14	15.4	272	Yes
11	5498	15	17.4	202	Yes
12	5497	16	19.9	264	Yes
13	5502	16	18.4	207	Yes
14	5506	14	15.3	456	Yes
15	5499	14	15.3	291	No
16	5498	15	16.8	411	Yes
17	5501	13	14.3	368	Yes
18	5502	14	15.5	241	Yes
19	5498	13	14.2	467	Yes
20	5498	16	20	339	Yes
21	5495	12	12.2	500	Yes
22	5500	16	19.9	358	No
23	5502	13	12.9	251	Yes
24	5507	15	17.9	230	No
25	5502	12	12.3	285	Yes
26	5502	15	16.5	426	No
27	5505	14	14.8	350	Yes
28	5502	12	12.6	434	Yes
29	5496	14	15.1	491	Yes
30	5500	13	12.9	438	Yes
Detection Rate : 86.6%					

802.11ax (HE20)

Type 5 Radar Statistical Performances

Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	17	5500	LP_Signal_01	Yes
2	6	5500	LP_Signal_02	Yes
3	20	5500	LP_Signal_03	Yes
4	9	5500	LP_Signal_04	Yes
5	10	5500	LP_Signal_05	Yes
6	18	5500	LP_Signal_06	Yes
7	18	5500	LP_Signal_07	Yes
8	5	5500	LP_Signal_08	Yes
9	13	5500	LP_Signal_09	Yes
10	16	5500	LP_Signal_10	Yes
11	7	5494	LP_Signal_11	Yes
12	10	5495	LP_Signal_12	Yes
13	6	5493	LP_Signal_13	Yes
14	10	5495	LP_Signal_14	Yes
15	9	5495	LP_Signal_15	No
16	6	5493	LP_Signal_16	Yes
17	18	5498	LP_Signal_17	Yes
18	17	5498	LP_Signal_18	Yes
19	13	5496	LP_Signal_19	Yes
20	5	5493	LP_Signal_20	Yes
21	20	5501	LP_Signal_21	Yes
22	17	5502	LP_Signal_22	Yes
23	15	5503	LP_Signal_23	Yes
24	7	5506	LP_Signal_24	Yes
25	12	5504	LP_Signal_25	Yes
26	19	5501	LP_Signal_26	Yes
27	9	5505	LP_Signal_27	No
28	12	5504	LP_Signal_28	Yes
29	14	5503	LP_Signal_29	Yes
30	15	5503	LP_Signal_30	Yes
				Detection Rate : 93.3%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE20)

Type 6 Radar Statistical Performances

Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	No
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE40)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5510	5	1672.2	89	598	Yes
2	5520	21	1089.3	58	918	Yes
3	5500	14	1285.3	68	778	Yes
4	5524	23	326.2	18	3066	Yes
5	5507	10	1432.7	76	698	Yes
6	5514	13	1319.3	70	758	Yes
7	5514	16	1222.5	65	818	No
8	5503	15	1253.1	67	798	Yes
9	5503	11	1392.8	74	718	Yes
10	5511	3	1792.1	95	558	Yes
11	5504	22	1066.1	57	938	Yes
12	5498	7	1567.4	83	638	Yes
13	5500	17	1193.3	63	838	Yes
14	5524	18	1165.6	62	858	Yes
15	5503	9	1474.9	78	678	Yes
16	5521	-	1524.4	81	656	Yes
17	5510	-	749.6	40	1334	Yes
18	5512	-	1811.6	96	552	Yes
19	5520	-	660.5	35	1514	Yes
20	5520	-	364.2	20	2746	Yes
21	5499	-	960.6	51	1041	Yes
22	5509	-	344.1	19	2906	Yes
23	5522	-	421.2	23	2374	Yes
24	5517	-	751.3	40	1331	Yes
25	5512	-	513.3	28	1948	Yes
26	5515	-	1026.7	55	974	Yes
27	5500	-	409.3	22	2443	Yes
28	5496	-	557.4	30	1794	Yes
29	5523	-	874.1	47	1144	Yes
30	5523	-	473.5	25	2112	Yes

Detection Rate : 96.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE40)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	28	4.2	228	Yes
2	5520	24	1.6	202	Yes
3	5500	24	1.9	193	Yes
4	5507	29	4.6	189	Yes
5	5523	26	3	167	Yes
6	5522	25	2.6	180	Yes
7	5505	23	1.4	165	Yes
8	5514	29	5	190	Yes
9	5501	23	1.2	168	Yes
10	5498	26	3	224	Yes
11	5514	27	3.9	187	Yes
12	5508	29	5	171	Yes
13	5517	28	4.3	223	Yes
14	5515	26	2.9	216	Yes
15	5520	26	2.9	219	Yes
16	5513	27	3.6	169	Yes
17	5512	25	2.5	199	Yes
18	5512	26	3	151	Yes
19	5521	25	2.4	198	No
20	5521	29	5	207	No
21	5514	23	1.5	162	Yes
22	5511	29	5	161	Yes
23	5511	24	1.8	194	Yes
24	5523	28	4.1	178	Yes
25	5521	24	1.6	170	Yes
26	5516	27	3.4	195	No
27	5512	25	2.7	212	Yes
28	5515	24	1.7	196	Yes
29	5520	26	2.8	217	Yes
30	5522	24	1.8	183	Yes
Detection Rate : 90%					

802.11ax (HE40)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	18	9.2	258	Yes
2	5520	16	6.6	493	Yes
3	5500	16	6.9	359	Yes
4	5498	18	9.6	397	Yes
5	5503	17	8	355	Yes
6	5516	17	7.6	428	Yes
7	5503	16	6.4	271	Yes
8	5515	18	10	371	Yes
9	5501	16	6.2	430	Yes
10	5510	17	8	272	Yes
11	5517	18	8.9	202	Yes
12	5517	18	10	264	Yes
13	5502	18	9.3	207	Yes
14	5521	17	7.9	456	Yes
15	5507	17	7.9	291	Yes
16	5507	17	8.6	411	Yes
17	5519	17	7.5	368	Yes
18	5507	17	8	241	Yes
19	5508	17	7.4	467	Yes
20	5519	18	10	339	Yes
21	5514	16	6.5	500	Yes
22	5498	18	10	358	Yes
23	5496	16	6.8	251	Yes
24	5503	18	9.1	230	Yes
25	5505	16	6.6	285	Yes
26	5502	17	8.4	426	Yes
27	5505	17	7.7	350	No
28	5498	16	6.7	434	Yes
29	5518	17	7.8	491	Yes
30	5520	16	6.8	438	Yes
					Detection Rate : 96.6%

802.11ax (HE40)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5510	15	18.1	258	Yes
2	5520	12	12.3	493	Yes
3	5500	13	13.2	359	Yes
4	5512	16	19.1	397	Yes
5	5520	14	15.4	355	Yes
6	5497	14	14.6	428	Yes
7	5517	12	11.9	271	Yes
8	5510	16	19.9	371	Yes
9	5509	12	11.6	430	Yes
10	5520	14	15.4	272	Yes
11	5511	15	17.4	202	Yes
12	5515	16	19.9	264	Yes
13	5523	16	18.4	207	Yes
14	5523	14	15.3	456	Yes
15	5500	14	15.3	291	Yes
16	5498	15	16.8	411	Yes
17	5508	13	14.3	368	Yes
18	5517	14	15.5	241	Yes
19	5514	13	14.2	467	Yes
20	5504	16	20	339	No
21	5503	12	12.2	500	Yes
22	5522	16	19.9	358	Yes
23	5522	13	12.9	251	Yes
24	5520	15	17.9	230	Yes
25	5520	12	12.3	285	Yes
26	5523	15	16.5	426	Yes
27	5519	14	14.8	350	Yes
28	5514	12	12.6	434	Yes
29	5514	14	15.1	491	Yes
30	5511	13	12.9	438	Yes
Detection Rate : 96.6%					

802.11ax (HE40)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	12	5510	LP_Signal_01	Yes
2	16	5510	LP_Signal_02	Yes
3	9	5510	LP_Signal_03	Yes
4	8	5510	LP_Signal_04	Yes
5	11	5510	LP_Signal_05	No
6	16	5510	LP_Signal_06	Yes
7	18	5510	LP_Signal_07	Yes
8	14	5510	LP_Signal_08	Yes
9	15	5510	LP_Signal_09	Yes
10	5	5510	LP_Signal_10	No
11	17	5499	LP_Signal_11	Yes
12	10	5496	LP_Signal_12	Yes
13	9	5496	LP_Signal_13	Yes
14	5	5494	LP_Signal_14	Yes
15	14	5498	LP_Signal_15	Yes
16	16	5498	LP_Signal_16	Yes
17	15	5498	LP_Signal_17	Yes
18	10	5496	LP_Signal_18	Yes
19	17	5499	LP_Signal_19	Yes
20	13	5497	LP_Signal_20	Yes
21	7	5525	LP_Signal_21	Yes
22	20	5520	LP_Signal_22	No
23	7	5525	LP_Signal_23	No
24	9	5524	LP_Signal_24	Yes
25	10	5524	LP_Signal_25	Yes
26	16	5522	LP_Signal_26	Yes
27	20	5520	LP_Signal_27	Yes
28	5	5526	LP_Signal_28	Yes
29	6	5526	LP_Signal_29	Yes
30	19	5520	LP_Signal_30	Yes
				Detection Rate : 86.6%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE40)

Type 6 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	No
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	Yes
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

802.11ax (HE80)

Type 1 Radar Statistical Performances

Trial #	Test Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency (pps)	Pulses per Burst	Pulse Repetition Interval (μsec)	Detection
1	5530	5	1672.2	89	598	Yes
2	5540	21	1089.3	58	918	Yes
3	5560	14	1285.3	68	778	Yes
4	5520	23	326.2	18	3066	Yes
5	5500	10	1432.7	76	698	Yes
6	5547	13	1319.3	70	758	Yes
7	5508	16	1222.5	65	818	Yes
8	5525	15	1253.1	67	798	Yes
9	5509	11	1392.8	74	718	Yes
10	5532	3	1792.1	95	558	Yes
11	5502	22	1066.1	57	938	Yes
12	5508	7	1567.4	83	638	Yes
13	5511	17	1193.3	63	838	Yes
14	5528	18	1165.6	62	858	Yes
15	5520	9	1474.9	78	678	Yes
16	5549	-	1524.4	81	656	Yes
17	5502	-	749.6	40	1334	Yes
18	5527	-	1811.6	96	552	Yes
19	5511	-	660.5	35	1514	Yes
20	5535	-	364.2	20	2746	Yes
21	5559	-	960.6	51	1041	Yes
22	5503	-	344.1	19	2906	Yes
23	5558	-	421.2	23	2374	Yes
24	5520	-	751.3	40	1331	Yes
25	5550	-	513.3	28	1948	No
26	5518	-	1026.7	55	974	Yes
27	5550	-	409.3	22	2443	Yes
28	5513	-	557.4	30	1794	Yes
29	5524	-	874.1	47	1144	Yes
30	5550	-	473.5	25	2112	Yes

Detection Rate : 96.6%

Note. " - " : 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1μsec, excluding PRI values selected in Test A

802.11ax (HE80)

Type 2 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	28	4.2	228	Yes
2	5540	24	1.6	202	Yes
3	5560	24	1.9	193	Yes
4	5520	29	4.6	189	Yes
5	5500	26	3	167	Yes
6	5514	25	2.6	180	Yes
7	5522	23	1.4	165	Yes
8	5516	29	5	190	Yes
9	5524	23	1.2	168	Yes
10	5541	26	3	224	Yes
11	5533	27	3.9	187	Yes
12	5507	29	5	171	Yes
13	5519	28	4.3	223	Yes
14	5537	26	2.9	216	Yes
15	5504	26	2.9	219	Yes
16	5556	27	3.6	169	Yes
17	5519	25	2.5	199	Yes
18	5548	26	3	151	Yes
19	5537	25	2.4	198	Yes
20	5514	29	5	207	Yes
21	5534	23	1.5	162	Yes
22	5503	29	5	161	Yes
23	5516	24	1.8	194	Yes
24	5529	28	4.1	178	Yes
25	5532	24	1.6	170	No
26	5516	27	3.4	195	Yes
27	5533	25	2.7	212	Yes
28	5511	24	1.7	196	Yes
29	5511	26	2.8	217	Yes
30	5536	24	1.8	183	Yes
Detection Rate : 96.6%					

802.11ax (HE80)

Type 3 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	18	9.2	258	Yes
2	5540	16	6.6	493	Yes
3	5560	16	6.9	359	Yes
4	5520	18	9.6	397	Yes
5	5500	17	8	355	Yes
6	5509	17	7.6	428	Yes
7	5560	16	6.4	271	Yes
8	5538	18	10	371	Yes
9	5508	16	6.2	430	Yes
10	5505	17	8	272	Yes
11	5512	18	8.9	202	Yes
12	5525	18	10	264	Yes
13	5518	18	9.3	207	Yes
14	5542	17	7.9	456	Yes
15	5507	17	7.9	291	Yes
16	5506	17	8.6	411	Yes
17	5533	17	7.5	368	Yes
18	5552	17	8	241	No
19	5524	17	7.4	467	Yes
20	5517	18	10	339	Yes
21	5550	16	6.5	500	Yes
22	5527	18	10	358	Yes
23	5500	16	6.8	251	Yes
24	5514	18	9.1	230	Yes
25	5510	16	6.6	285	Yes
26	5535	17	8.4	426	Yes
27	5510	17	7.7	350	Yes
28	5528	16	6.7	434	Yes
29	5513	17	7.8	491	Yes
30	5534	16	6.8	438	Yes
Detection Rate : 96.6%					

802.11ax (HE80)

Type 4 Radar Statistical Performances					
Trial #	Test Frequency (MHz)	Pulses per Burst	Pulse Width(us)	PRI(us)	Detection
1	5530	15	18.1	258	Yes
2	5540	12	12.3	493	Yes
3	5560	13	13.2	359	Yes
4	5520	16	19.1	397	Yes
5	5500	14	15.4	355	Yes
6	5523	14	14.6	428	Yes
7	5529	12	11.9	271	Yes
8	5545	16	19.9	371	Yes
9	5517	12	11.6	430	Yes
10	5541	14	15.4	272	Yes
11	5517	15	17.4	202	Yes
12	5524	16	19.9	264	Yes
13	5552	16	18.4	207	Yes
14	5556	14	15.3	456	Yes
15	5559	14	15.3	291	Yes
16	5515	15	16.8	411	Yes
17	5538	13	14.3	368	Yes
18	5554	14	15.5	241	Yes
19	5547	13	14.2	467	Yes
20	5505	16	20	339	Yes
21	5513	12	12.2	500	No
22	5520	16	19.9	358	Yes
23	5551	13	12.9	251	Yes
24	5552	15	17.9	230	Yes
25	5511	12	12.3	285	Yes
26	5541	15	16.5	426	Yes
27	5502	14	14.8	350	Yes
28	5538	12	12.6	434	Yes
29	5507	14	15.1	491	Yes
30	5553	13	12.9	438	Yes
Detection Rate : 96.6%					

802.11ax (HE80)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	7	5530	LP_Signal_01	Yes
2	10	5530	LP_Signal_02	Yes
3	14	5530	LP_Signal_03	Yes
4	7	5530	LP_Signal_04	Yes
5	12	5530	LP_Signal_05	Yes
6	14	5530	LP_Signal_06	Yes
7	19	5530	LP_Signal_07	Yes
8	6	5530	LP_Signal_08	Yes
9	16	5530	LP_Signal_09	Yes
10	10	5530	LP_Signal_10	Yes
11	11	5497	LP_Signal_11	Yes
12	11	5497	LP_Signal_12	Yes
13	12	5498	LP_Signal_13	No
14	16	5499	LP_Signal_14	Yes
15	19	5501	LP_Signal_15	Yes
16	10	5497	LP_Signal_16	Yes
17	11	5497	LP_Signal_17	Yes
18	19	5501	LP_Signal_18	Yes
19	5	5495	LP_Signal_19	Yes
20	5	5495	LP_Signal_20	Yes
21	11	5563	LP_Signal_21	Yes
22	8	5564	LP_Signal_22	No
23	16	5561	LP_Signal_23	Yes
24	11	5563	LP_Signal_24	No
25	8	5564	LP_Signal_25	Yes
26	12	5562	LP_Signal_26	Yes
27	16	5561	LP_Signal_27	Yes
28	14	5561	LP_Signal_28	Yes
29	14	5561	LP_Signal_29	Yes
30	7	5564	LP_Signal_30	No
				Detection Rate : 86.6%

Note: The Long Pulse Radar pattern shown in Appendix A.1

802.11ax (HE80)

Type 6 Radar Statistical Performances					
Trial #	Pulses per Burst	Pulse Width(us)	PRI(us)	Hopping Frequency Sequence Name	Detection
1	9	1	333	HOP_FREQ_SEQ_01	Yes
2	9	1	333	HOP_FREQ_SEQ_02	Yes
3	9	1	333	HOP_FREQ_SEQ_03	Yes
4	9	1	333	HOP_FREQ_SEQ_04	Yes
5	9	1	333	HOP_FREQ_SEQ_05	Yes
6	9	1	333	HOP_FREQ_SEQ_06	Yes
7	9	1	333	HOP_FREQ_SEQ_07	Yes
8	9	1	333	HOP_FREQ_SEQ_08	Yes
9	9	1	333	HOP_FREQ_SEQ_09	Yes
10	9	1	333	HOP_FREQ_SEQ_10	Yes
11	9	1	333	HOP_FREQ_SEQ_11	Yes
12	9	1	333	HOP_FREQ_SEQ_12	Yes
13	9	1	333	HOP_FREQ_SEQ_13	Yes
14	9	1	333	HOP_FREQ_SEQ_14	Yes
15	9	1	333	HOP_FREQ_SEQ_15	Yes
16	9	1	333	HOP_FREQ_SEQ_16	No
17	9	1	333	HOP_FREQ_SEQ_17	Yes
18	9	1	333	HOP_FREQ_SEQ_18	Yes
19	9	1	333	HOP_FREQ_SEQ_19	Yes
20	9	1	333	HOP_FREQ_SEQ_20	Yes
21	9	1	333	HOP_FREQ_SEQ_21	Yes
22	9	1	333	HOP_FREQ_SEQ_22	Yes
23	9	1	333	HOP_FREQ_SEQ_23	Yes
24	9	1	333	HOP_FREQ_SEQ_24	Yes
25	9	1	333	HOP_FREQ_SEQ_25	Yes
26	9	1	333	HOP_FREQ_SEQ_26	Yes
27	9	1	333	HOP_FREQ_SEQ_27	Yes
28	9	1	333	HOP_FREQ_SEQ_28	Yes
29	9	1	333	HOP_FREQ_SEQ_29	Yes
30	9	1	333	HOP_FREQ_SEQ_30	Yes
					Detection Rate : 96.6%

Note: The Frequency Hopping Radar pattern shown in Appendix A.2

Extender:

802.11ax (HE80)

Type 5 Radar Statistical Performances				
Trial #	Minimum Chirp Width(MHz)	Chirp Center Frequency(MHz)	Test Signal Name	Detection
1	7	5530	LP_Signal_01	Yes
2	10	5530	LP_Signal_02	Yes
3	14	5530	LP_Signal_03	Yes
4	7	5530	LP_Signal_04	Yes
5	12	5530	LP_Signal_05	Yes
6	14	5530	LP_Signal_06	Yes
7	19	5530	LP_Signal_07	Yes
8	6	5530	LP_Signal_08	Yes
9	16	5530	LP_Signal_09	Yes
10	10	5530	LP_Signal_10	Yes
11	11	5497	LP_Signal_11	Yes
12	11	5497	LP_Signal_12	Yes
13	12	5498	LP_Signal_13	Yes
14	16	5499	LP_Signal_14	Yes
15	19	5501	LP_Signal_15	Yes
16	10	5497	LP_Signal_16	Yes
17	11	5497	LP_Signal_17	Yes
18	19	5501	LP_Signal_18	Yes
19	5	5495	LP_Signal_19	Yes
20	5	5495	LP_Signal_20	Yes
21	11	5563	LP_Signal_21	Yes
22	8	5564	LP_Signal_22	Yes
23	16	5561	LP_Signal_23	Yes
24	11	5563	LP_Signal_24	Yes
25	8	5564	LP_Signal_25	Yes
26	12	5562	LP_Signal_26	Yes
27	16	5561	LP_Signal_27	Yes
28	14	5561	LP_Signal_28	Yes
29	14	5561	LP_Signal_29	Yes
30	7	5564	LP_Signal_30	Yes
				Detection Rate : 100%

Note: The Long Pulse Radar pattern shown in Appendix A.1

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.

Maximum e.i.r.p. of this device is 953.394 mW which is more than 500 mW, therefore it's required TPC function.

Applicable	e.i.r.p.	FCC 15.407 (h)(1)
√	>500 mW	The TPC mechanism is required for system with an e.i.r.p. of above 500 mW
	<500 mW	The TPC mechanism is not required for system with an e.i.r.p. of less 500 mW

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:

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

11 Appendix

12 APPENDIX-A

RADAR TEST SIGNAL

A.1 The Long Pulse Radar Pattern

BW20

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_01						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	17	88.7	1855	1442	1709
2	1	17	53.1	1611	-	-
3	3	17	100	1657	1306	1836
4	1	17	64.3	1294	-	-
5	2	17	67.9	1851	1744	-
6	3	17	92.9	1059	1667	1286
7	3	17	91.1	1272	1277	1961
8	1	17	52.9	1913	-	-
9	2	17	75.7	1219	1532	-
10	3	17	85.9	1819	1814	1553
11	1	17	56.3	1083	-	-
12	2	17	66.8	1704	1821	-
13	1	17	53.3	1740	-	-
14	2	17	68.3	1346	1996	-
15	1	17	64	1619	-	-
16	1	17	56.1	1349	-	-
17	3	17	93.4	1678	1480	1916
18	3	17	88.8	1399	1062	1613
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_02						
Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	6	77.3	1146	1462	-
2	1	6	51.5	1043	-	-
3	3	6	99.3	1210	1076	1956
4	3	6	88.8	1697	1371	1918
5	2	6	82.7	1459	1866	-
6	1	6	56.8	1142	-	-
7	2	6	73.1	1566	1826	-
8	3	6	95.3	1896	1363	1201
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_03						
Number of Bursts in Trial: 20						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	20	62.9	1555	-	-
2	2	20	72	1612	1650	-
3	2	20	80.3	1160	1089	-
4	2	20	82.6	1568	1490	-
5	2	20	83	1485	1395	-
6	2	20	81.4	1636	1187	-
7	1	20	52.1	1625	-	-
8	3	20	85.9	1126	1468	1601
9	3	20	86.8	1767	1759	1489
10	3	20	87.7	1862	1595	1477
11	1	20	59.3	1129	-	-
12	2	20	70.2	1617	1586	-
13	1	20	57.9	1905	-	-
14	1	20	56.8	1534	-	-
15	2	20	73.8	1735	1854	-
16	3	20	94.3	1053	1778	1035
17	2	20	79.9	1370	1715	-
18	1	20	54	1097	-	-
19	1	20	64.3	1452	-	-
20	2	20	78	1216	1239	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_04						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	9	90.7	1626	1730	1722
2	2	9	76.9	1668	1846	-
3	3	9	94.4	1561	1314	1184
4	2	9	67	1293	1398	-
5	2	9	71.3	1796	1052	-
6	3	9	90.9	1067	1407	1756
7	3	9	88.3	1861	1078	1736
8	2	9	77.3	1033	1829	-
9	1	9	50.5	1186	-	-
10	3	9	99.9	1287	1008	1701
11	2	9	70.5	1432	1872	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_05						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	10	93.1	1070	1163	1282
2	3	10	91.2	1016	1385	1781
3	2	10	72.6	1386	1012	-
4	2	10	80	1140	1180	-
5	2	10	69.1	1886	1570	-
6	2	10	72.6	1303	1402	-
7	3	10	93.2	1865	1337	1311
8	1	10	52.8	1254	-	-
9	2	10	74.9	1711	1630	-
10	1	10	64.6	1869	-	-
11	2	10	67.4	1107	1971	-
12	2	10	81.6	1183	1665	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_06						
Number of Bursts in Trial: 19						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	18	76.3	1440	1696	-
2	3	18	96.8	1967	1969	1414
3	2	18	73.1	1944	1367	-
4	2	18	80.8	1383	1304	-
5	2	18	70.4	1382	1664	-
6	2	18	77.8	1273	1936	-
7	1	18	54.9	1648	-	-
8	1	18	58.9	1616	-	-
9	2	18	78.6	1681	1194	-
10	3	18	92.6	1166	1985	1427
11	3	18	95.2	1576	1086	1673
12	1	18	54.6	1643	-	-
13	3	18	86	1178	1224	1203
14	2	18	77.6	1309	1263	-
15	1	18	63.2	1300	-	-
16	1	18	61.2	1202	-	-
17	3	18	92.2	1116	1948	1318
18	3	18	93.2	1175	1213	1472
19	2	18	74.9	1881	1094	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_07						
Number of Bursts in Trial: 18						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	18	85.4	1899	1957	1649
2	3	18	87	1983	1777	1984
3	2	18	67.2	1506	1428	-
4	1	18	66.3	1805	-	-
5	2	18	79.1	1453	1238	-
6	3	18	85.4	1117	1610	1547
7	2	18	76.8	1579	1530	-
8	1	18	54.7	1164	-	-
9	2	18	71.6	1327	1335	-
10	3	18	86.7	1410	1241	1330
11	1	18	51.2	1441	-	-
12	3	18	89.5	1721	1724	1540
13	1	18	63.3	1891	-	-
14	2	18	73.2	1392	1718	-
15	3	18	95.4	1197	1639	1242
16	2	18	68	1952	1883	-
17	2	18	70.2	1185	1497	-
18	3	18	98.2	1002	1131	1082
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_08						
Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	5	60	1963	-	-
2	2	5	67.8	1889	1236	-
3	3	5	99.5	1351	1858	1124
4	3	5	95.6	1661	1605	1875
5	3	5	90.9	1789	1907	1065
6	3	5	92	1962	1356	1518
7	1	5	50.4	1564	-	-
8	3	5	96	1848	1276	1168
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_09

Number of Bursts in Trial: 14

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	13	67.9	1831	1585	-
2	3	13	94.1	1292	1893	1249
3	3	13	91.5	1467	1446	1362
4	1	13	59.4	1840	-	-
5	2	13	81.9	1713	1279	-
6	1	13	60.7	1412	-	-
7	2	13	81.8	1622	1813	-
8	3	13	89.7	1834	1741	1189
9	2	13	82	1521	1435	-
10	3	13	94.7	1090	1845	1809
11	1	13	59.1	1103	-	-
12	2	13	80.5	1590	1138	-
13	3	13	94.1	1174	1232	1285
14	3	13	95.5	1808	1795	1557
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_10						
Number of Bursts in Trial: 17						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	16	93.7	1946	1460	1659
2	2	16	73	1215	1243	-
3	2	16	83.3	1982	1507	-
4	2	16	72.3	1128	1329	-
5	2	16	77.3	1278	1843	-
6	1	16	53.1	1331	-	-
7	2	16	81.9	1029	1921	-
8	2	16	81.5	1041	1533	-
9	3	16	90.7	1526	1247	1606
10	1	16	59.6	1761	-	-
11	3	16	93	1797	1679	1864
12	1	16	63	1473	-	-
13	2	16	82.1	1849	1061	-
14	2	16	75.3	1080	1079	-
15	2	16	75.5	1728	1305	-
16	3	16	89.8	1046	1162	1960
17	3	16	96.1	1218	1717	1066
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_11						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	7	75.2	1419	1583	-
2	1	7	65.8	1945	-	-
3	2	7	83.1	1965	1176	-
4	2	7	67.4	1456	1024	-
5	2	7	82.8	1748	1853	-
6	1	7	63.3	1073	-	-
7	1	7	62.2	1347	-	-
8	1	7	54.7	1465	-	-
9	3	7	90.6	1623	1484	1951
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal

Test Signal Name: LP_Signal_12

Number of Bursts in Trial: 12

Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	10	57.6	1842	-	-
2	2	10	73.6	1698	1479	-
3	3	10	91.2	1319	1958	1364
4	1	10	50.7	1542	-	-
5	1	10	58.8	1641	-	-
6	3	10	89.8	1365	1772	1565
7	1	10	54.1	1731	-	-
8	1	10	64.6	1137	-	-
9	2	10	74.2	1887	1448	-
10	2	10	76.4	1647	1558	-
11	1	10	62.2	1563	-	-
12	2	10	68.6	1495	1597	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_13						
Number of Bursts in Trial: 8						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	1	6	64.6	1233	-	-
2	3	6	97.4	1890	1832	1438
3	1	6	64.1	1104	-	-
4	3	6	86.5	1847	1719	1220
5	1	6	53.3	1345	-	-
6	2	6	81.8	1264	1638	-
7	1	6	66.4	1599	-	-
8	2	6	68.9	1802	1123	-
9	-	-	-	-	-	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_14						
Number of Bursts in Trial: 12						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	10	78.6	1600	1546	-
2	1	10	56.5	1578	-	-
3	1	10	64.2	1762	-	-
4	3	10	92.3	1560	1031	1674
5	3	10	98.6	1653	1803	1047
6	3	10	84	1044	1132	1058
7	1	10	64.7	1425	-	-
8	1	10	61	1334	-	-
9	2	10	78.1	1461	1902	-
10	1	10	60.9	1240	-	-
11	1	10	59.7	1281	-	-
12	2	10	71.1	1770	1503	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_15						
Number of Bursts in Trial: 11						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	2	9	67.5	1338	1852	-
2	3	9	86.8	1344	1776	1504
3	3	9	95.5	1888	1941	1225
4	1	9	58.2	1822	-	-
5	3	9	90.3	1544	1217	1997
6	3	9	89.9	1222	1492	1284
7	1	9	50.7	1788	-	-
8	1	9	53.2	1297	-	-
9	1	9	58.9	1799	-	-
10	2	9	67.5	1800	1259	-
11	1	9	51	1434	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-

Long Pulse Radar Test Signal						
Test Signal Name: LP_Signal_16						
Number of Bursts in Trial: 9						
Burst	Pulses per Burst	Chrip (MHz)	Pulse Width(us)	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1	3	6	99.1	1879	1246	1716
2	2	6	77.5	1171	1474	-
3	2	6	77.4	1548	1575	-
4	1	6	60.6	1874	-	-
5	2	6	68.4	1015	1098	-
6	2	6	68.9	1739	1036	-
7	2	6	80.9	1596	1173	-
8	2	6	79.4	1122	1200	-
9	2	6	81.5	1280	1528	-
10	-	-	-	-	-	-
11	-	-	-	-	-	-
12	-	-	-	-	-	-
13	-	-	-	-	-	-
14	-	-	-	-	-	-
15	-	-	-	-	-	-
16	-	-	-	-	-	-
17	-	-	-	-	-	-
18	-	-	-	-	-	-
19	-	-	-	-	-	-
20	-	-	-	-	-	-