

TEST REPORT

Reference No..... : WTD24X01019430W006
FCC ID : 2AQRM-S3
Applicant : FOXX Development Inc.
Address : 3480 Preston Ridge Road, Suite500, Alpharetta, GA 30005, USA
Manufacturer : The same as Applicant
Address : The same as Applicant
Product Name : 5G CPE
Model No..... : S3
Standards : FCC Part 15.407
Date of Receipt sample : 2024-01-24
Date of Test..... : 2024-01-24 to 2024-02-24
Date of Issue : 2024-04-22
Test Report Form No. : WTX_Part 15_407W
Test Result..... : Pass

Remarks:

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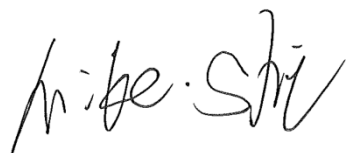
Prepared By:

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Block 70 Bao'an District, Shenzhen, Guangdong, China

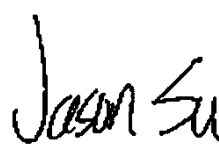
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Report version

Version No.	Date of issue	Description
Rev.00	2024-04-22	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	5G CPE
Trade Name:	/
Model No.:	S3
Adding Model(s):	/
Rated Voltage:	Adapter DC12V; Battery DC3.7V
Battery Capacity:	/
Power Adapter:	GQ24-120200-DU Input:AC100-240v~50/60Hz 1.0A Output:DC12V2.0A
Battery Capacity:	/
<i>Note: The test data is gathered from a production sample provided by the manufacturer.</i>	

Technical Characteristics of EUT		
Support Standards:	802.11a, 802.11n(HT20) , 802.11n-HT40, 802.11ac-VHT20/40/80 , 802.11ax-HE20/40/80	
Frequency Range:	5180-5240MHz, 5260-5320MHz 5500-5700MHz, 5745-5825MHz	
Max. RF Output Power:	Antenna 0: 21.91dBm (Conducted) Antenna 1: 21.77dBm (Conducted)	
Type of Modulation:	QPSK, 16QAM, 64QAM;256QAM; 1024QAM	
Operation Mode	☒ Master	
	☐ Client with radar detection	
	☐ Client without radar detection	
Communication Mode	☒ IP Based(Load Based)	☒ Frame Based
Weather Band(5600~5650MHz)	☒ With 5600~5650MHz	☐ Without 5600~5650MHz
Type of Antenna:	Integral Antenna	
Antenna Gain:	Ant 1: 2.8dBi Ant 2: 3.2dBi	
Note The Antenna Gain is provided by the customer and can affect the validity of results.		

1.2 Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.407: General technical requirements.

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

KDB905462 D02: Compliance Measurement Procedures for Unlicensed-National Information Infrastructure Devices Operating in the 5250-5350MHz And 5470-5725MHz Bands Incorporating Dynamic Frequency Selection.

KDB905462 D03: U-Nii Client Devices Without Radar Detection Capability.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

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1.3 Test Methodology

All measurements contained in this report were conducted with KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

1.4 EUT Operating during test

EUT was programmed to be in continuously transmitting mode. During the test, EUT operation to normal function and programs under WIN XP were executed.

1.5 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC – Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A and the CAB identifier is CN0057.

1.6 EUT Setup and Test Mode

The EUT in this application is a client device without radar detection capability and indicate the FCC identifier for the Master U-NII Device .During the test, the product works on the designated test channel and transmits normal data to the master.

Messages for communication between Master and Client Devices: 0101010101.....(Continuous cycle.)

The type of system architecture for the device in this application is IP based, more detailed description as follows:

Test Mode List		
Test Mode	Description	Remark
TM1	802.11ax-HE(80)	5290MHz
TM2	802.11ax-HE(80)	5530MHz

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Core
DC Cable	1.55	Unshielded	Without Ferrite
RJ45 Cable	1.0	Unshielded	Without Ferrite

Special Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
WIFI AP/Router	LINKSYS	WRT32X	FCCID: Q87-WRT3200ACM

1.7 Test Equipment List and Details

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041A 1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2024-02-24	2025-02-23
WTXE1022A 1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2024-02-27	2025-02-26
WTXE1005A 1005	Spectrum Analyzer	Agilent	N9020A	US471401 02	2024-03-19	2025-03-18
WTXE1084A 1001	Spectrum Analyzer	Agilent	N9020A	MY543205 48	2024-02-24	2025-02-23
WTXE1044A 1001	Signal Generator	Agilent	83752A	3610A014 53	2024-02-24	2025-02-23
WTXE1045A 1001	Vector Signal Generator	Agilent	N5182A	MY470702 02	2024-02-24	2025-02-23
WTXE1018A 1001	Power Divider	Weinschel	1506A	PM204	2024-02-29	2025-02-28

Software List			
Description	Manufacturer	Model	Version
EMI Test Software (Radiated Emission)*	Farad	EZ-EMC	RA-03A1

*Remark: indicates software version used in the compliance certification testing.

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.407(h)	Dynamic Frequency Selection (DFS)	Complied

N/A: Not applicable.

3.Dynamic Frequency Selection (DFS)

3.1 Requirement

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

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth	Master Device 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	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 20MHz channels and the channel center frequency.

LIMIT**1. DFS Detection Thresholds**

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	-64dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64dBm
Note 1: This is the level at the input of the receiver assuming a 0dBi receive antenna. Note 2: Throughout these test procedures an additional 1dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

2. DFS Response Requirements

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 facilitating 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.	

3.2 RADAR TEST WAVEFORMS

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. 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.

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

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. For example if in Short Pulse Radar Type 1 Test B a PRI of 3066 μsec is selected, the number of pulses

$$\left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{3066} \right) \right\}$$

would be Round up

$$= \text{Round up } \{17.2\} = 18.$$

Table 5a - Pulse Repetition Intervals Values for Test A

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

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

The parameters for this waveforms are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type wave forms, then each additional waveform must also be unique and not repeated from the previous waveforms.

Table 7 – Frequency Hopping Radar Test Waveform

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

For the Frequency Hopping Radar Type, the same Burst parameters are used for each wave form. The hopping sequence is different for each wave form and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

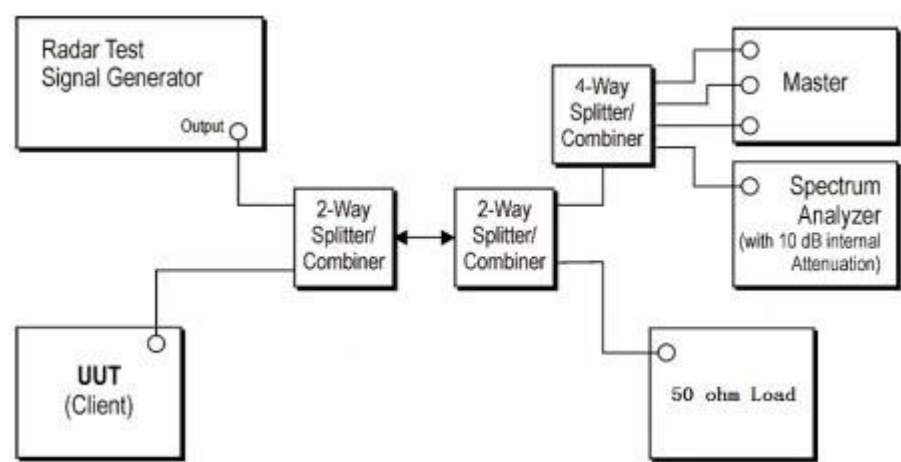
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

3.3 Calibration of Radar Waveform

Radar Waveform Calibration Procedure

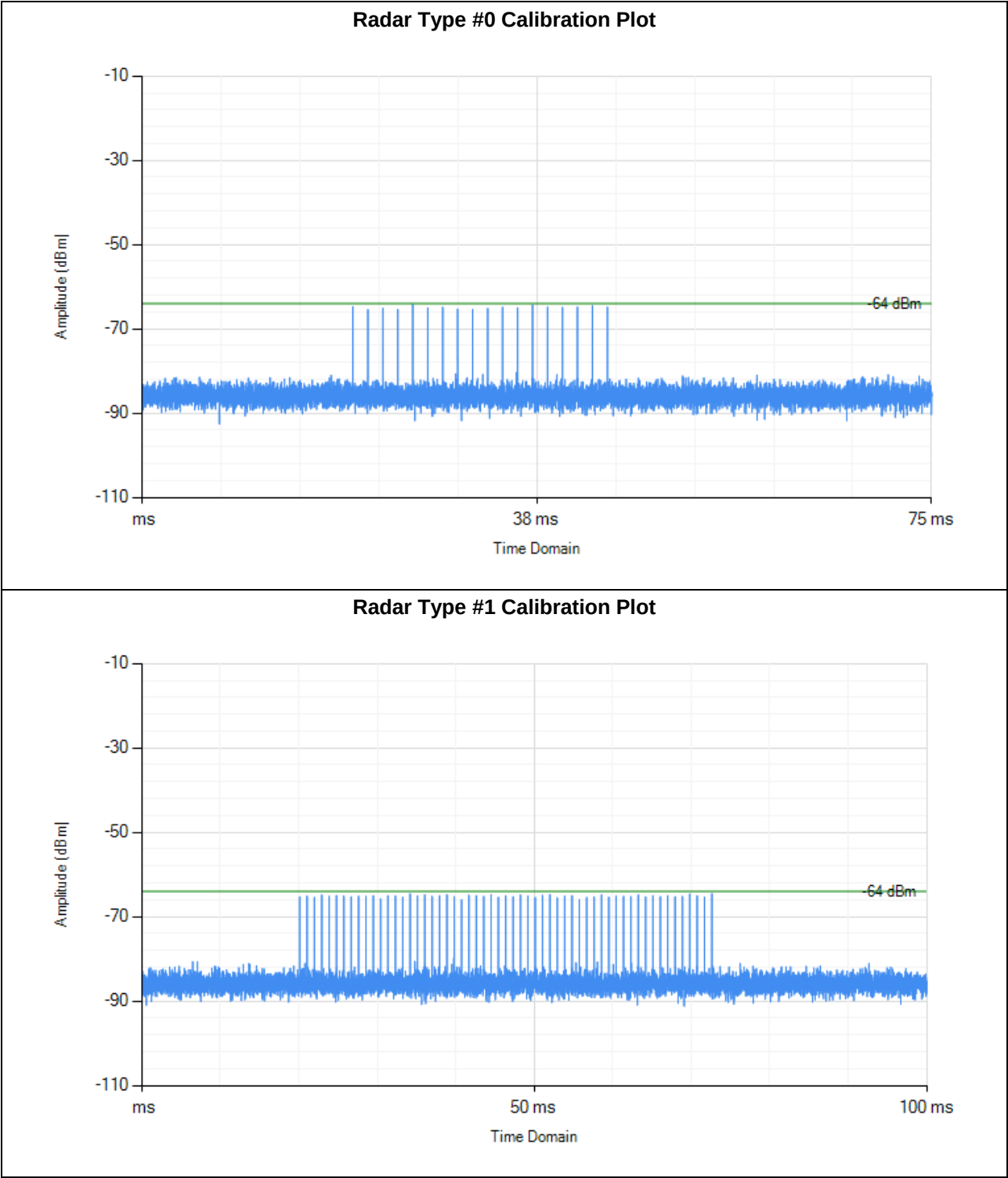
- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ that had been taken into account the output power range and antenna gain.
- 3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.
- 4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$. Capture the spectrum analyzer plots on short pulse radar waveform.

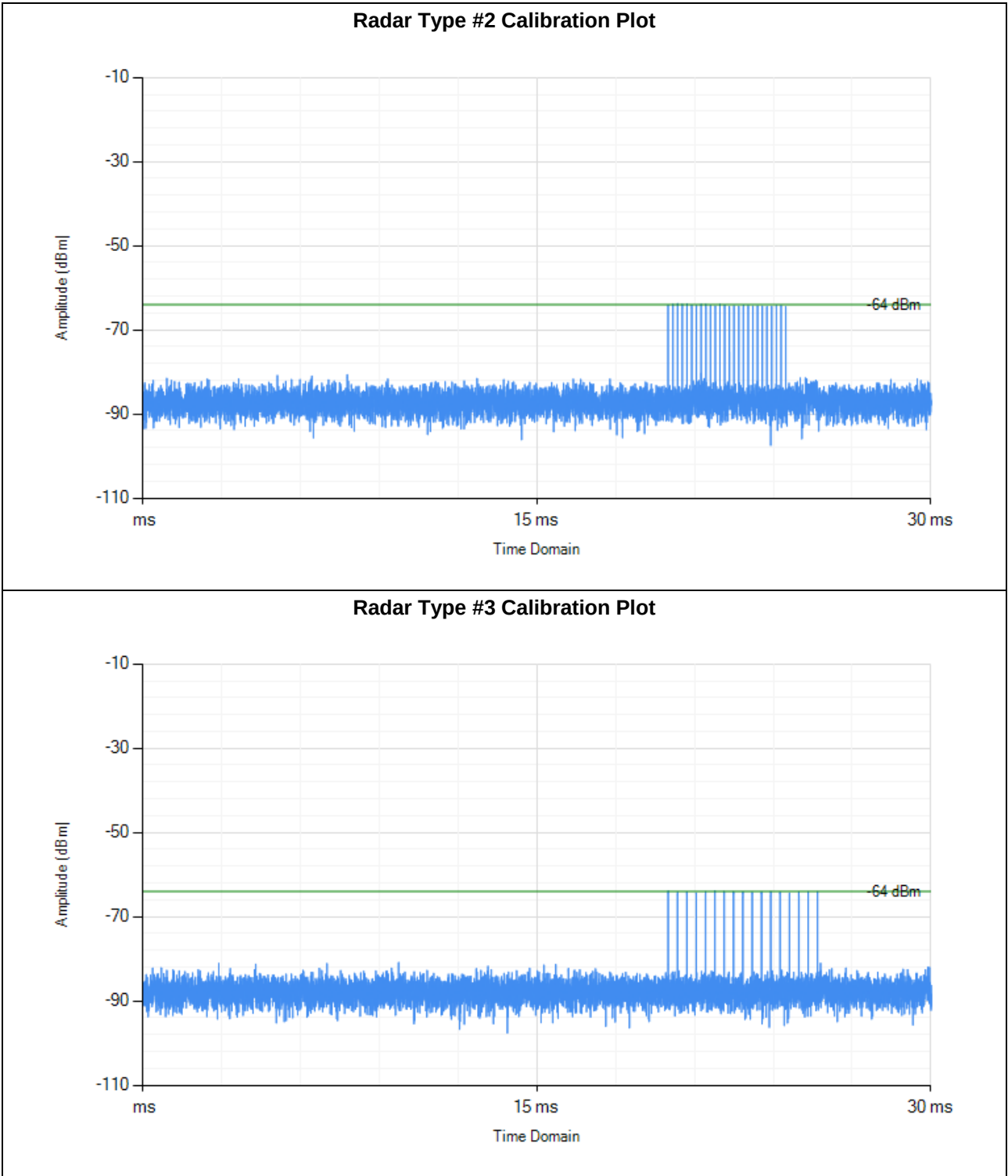
Conducted Calibration Setup

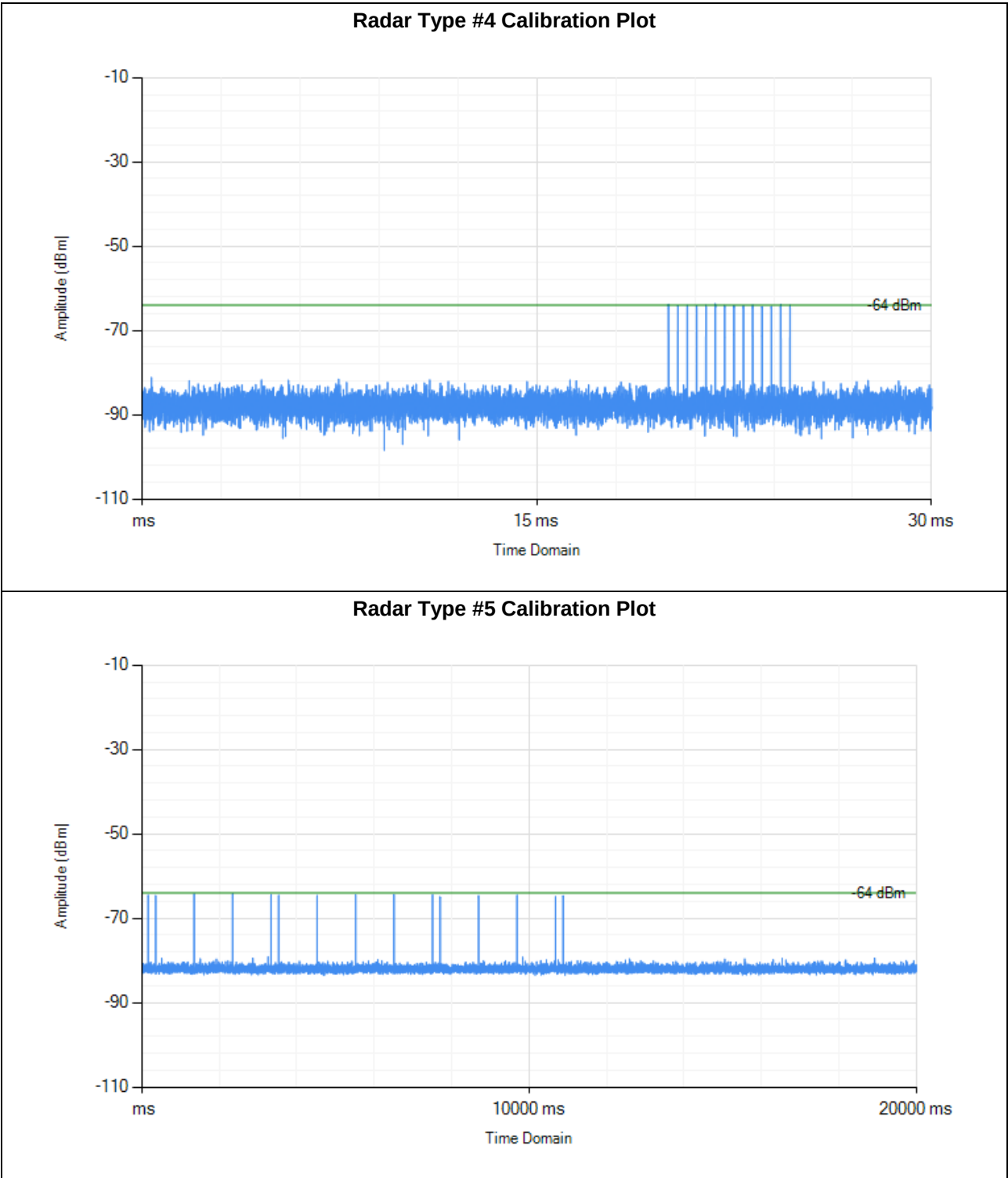


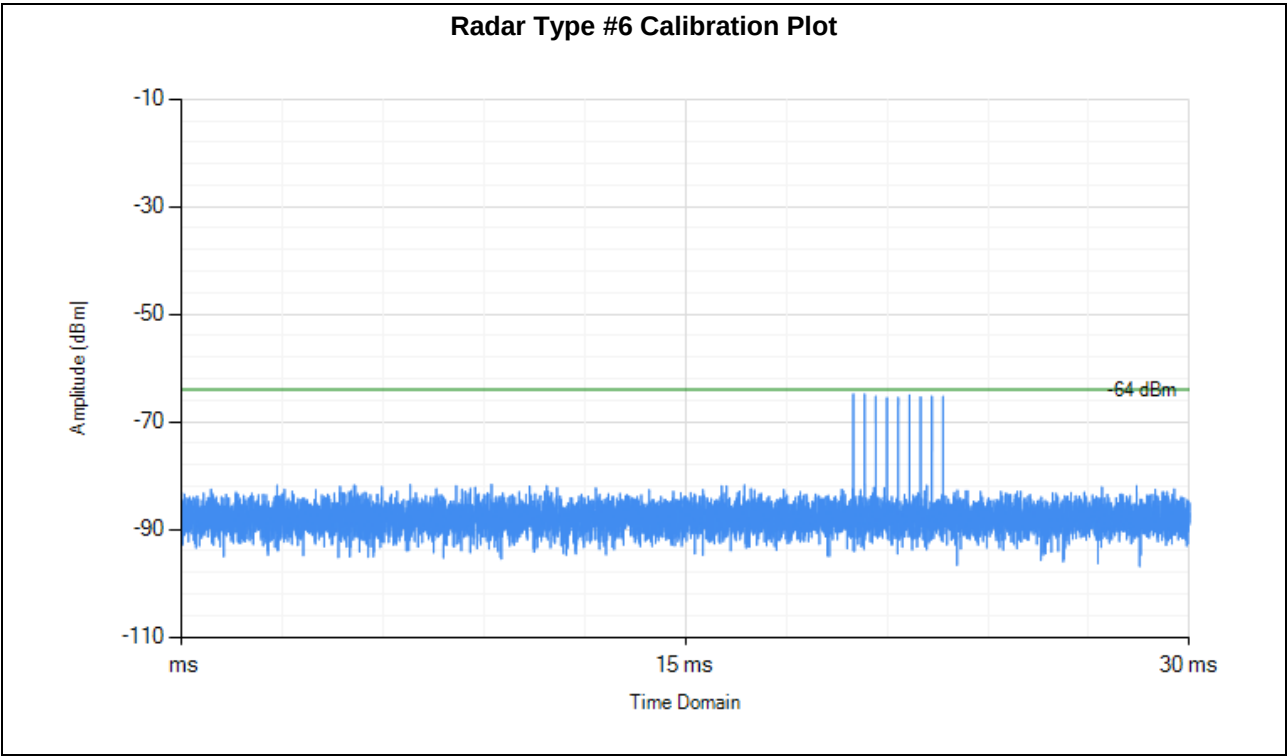
Radar Waveform Calibration Result

Test Mode: Band 2

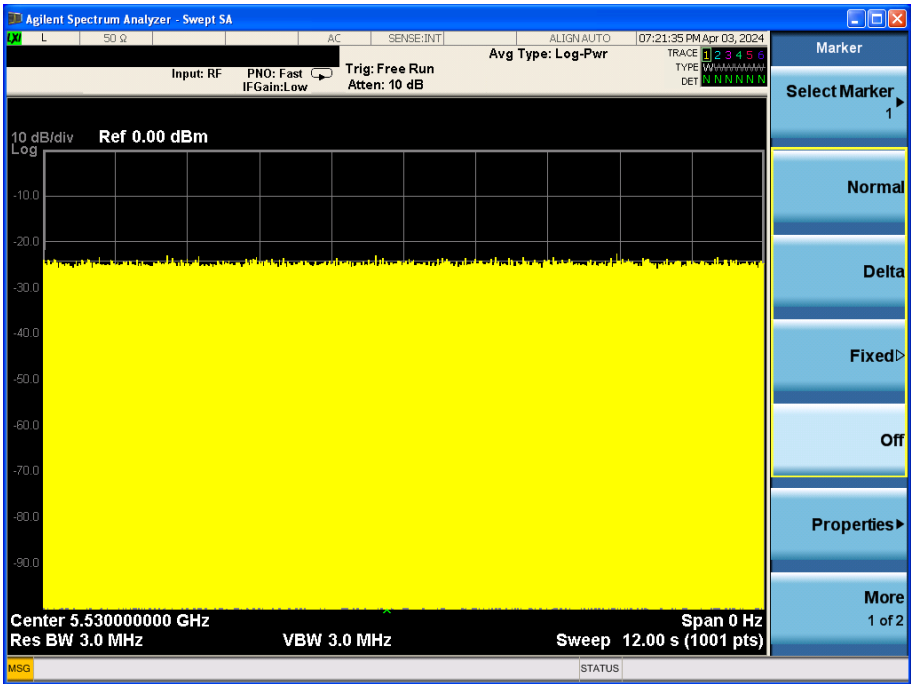
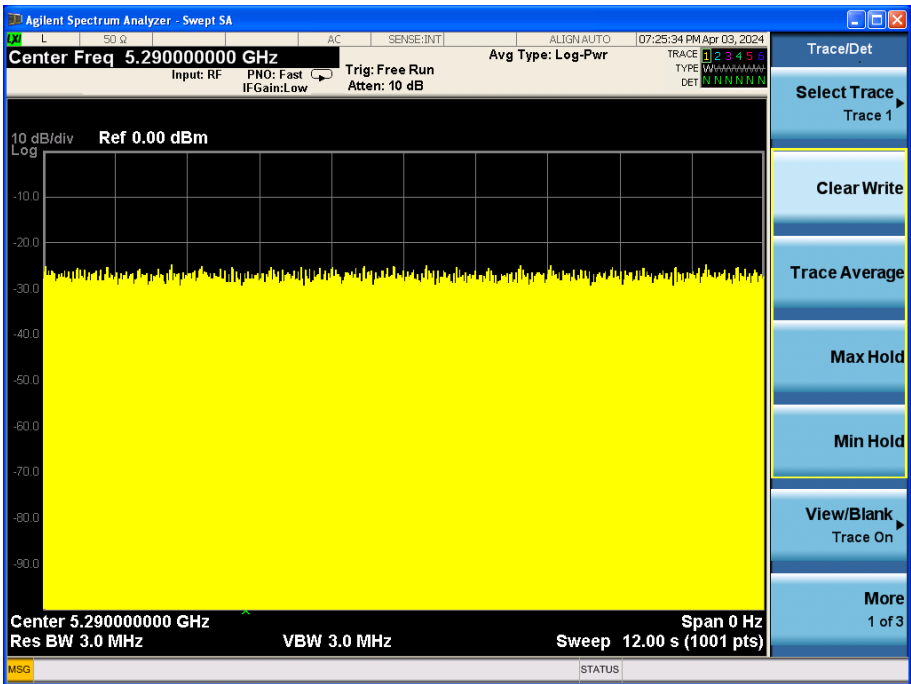




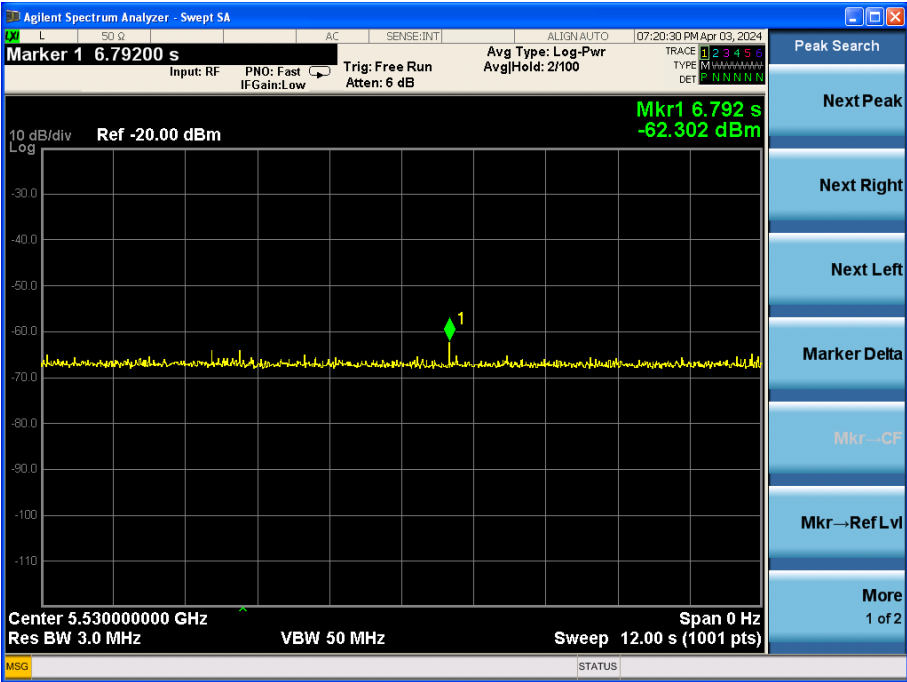
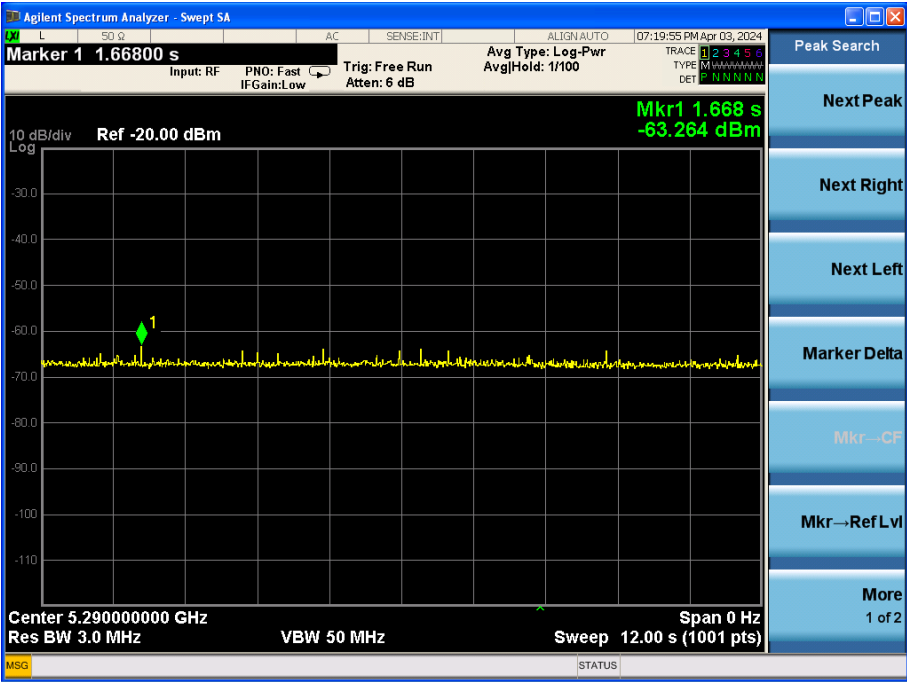




EUT Data traffic Plot

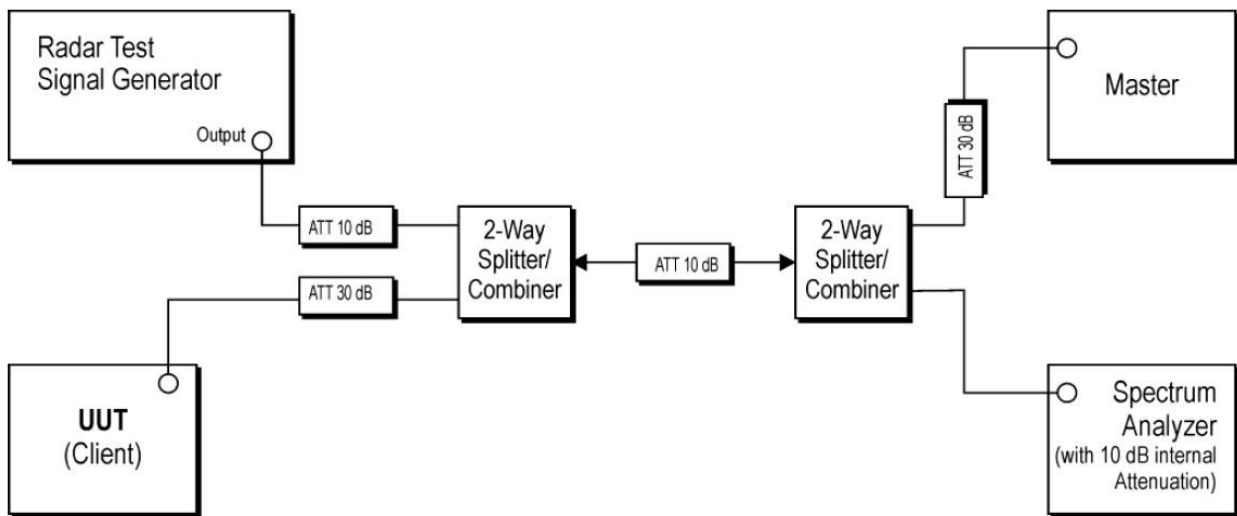


Without Data Traffic Plot



TEST CONFIGURATION

Setup for Client with injection at the Master



3.4 TEST PROCEDURE

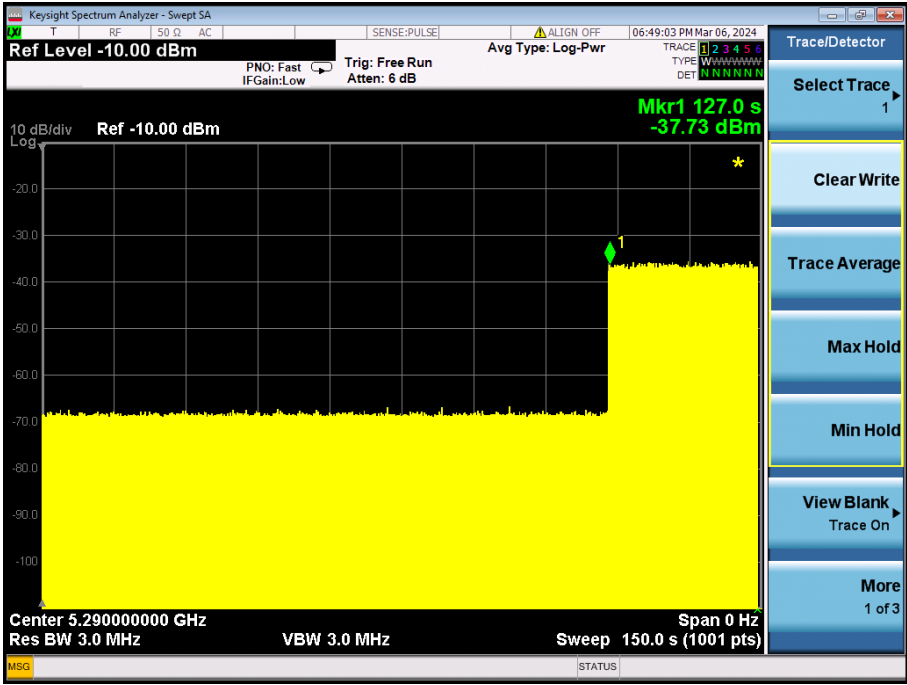
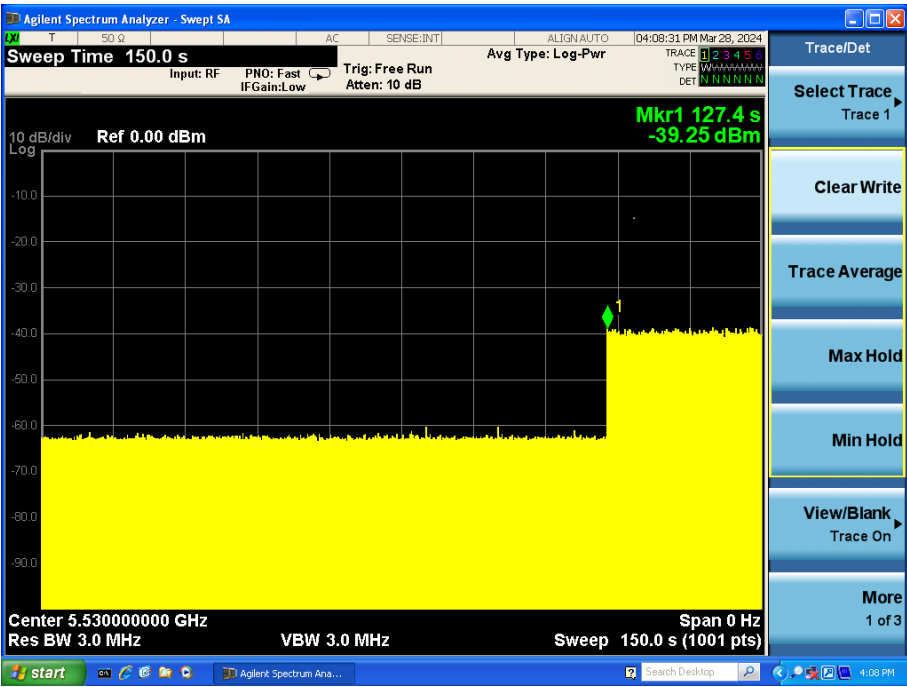
1. The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device
3. A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
4. EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
5. When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
6. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types

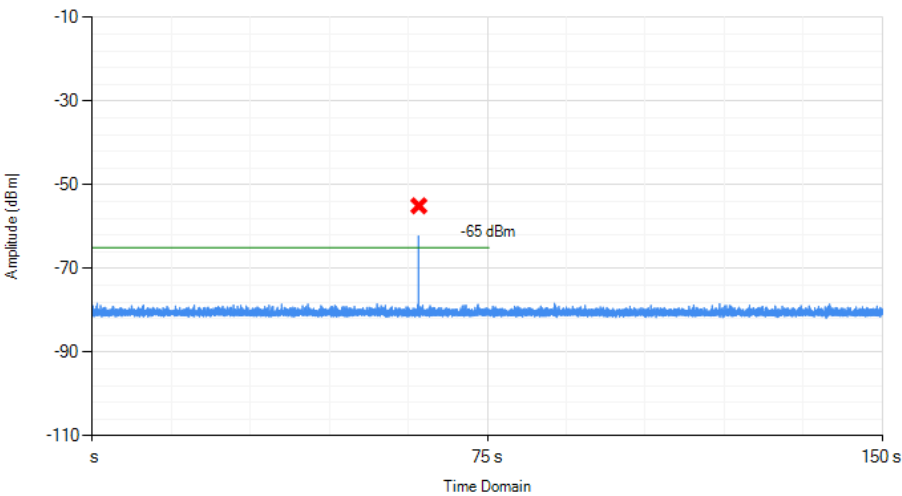
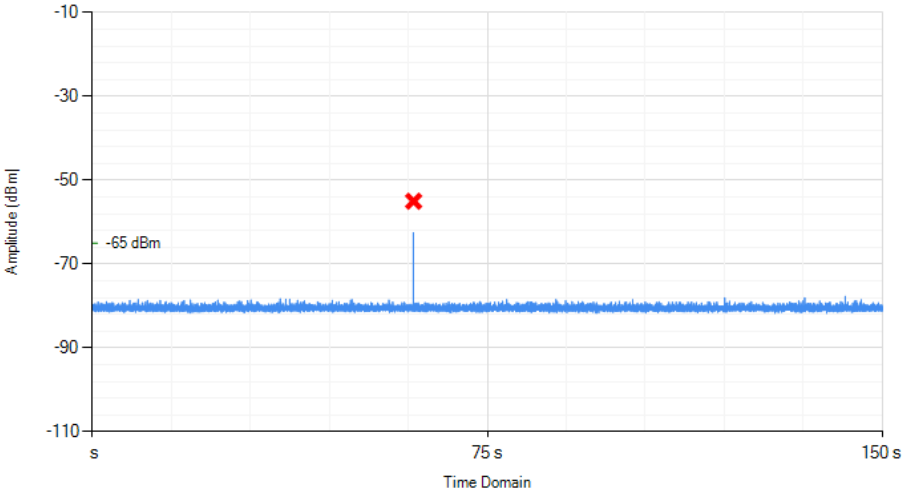
start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type

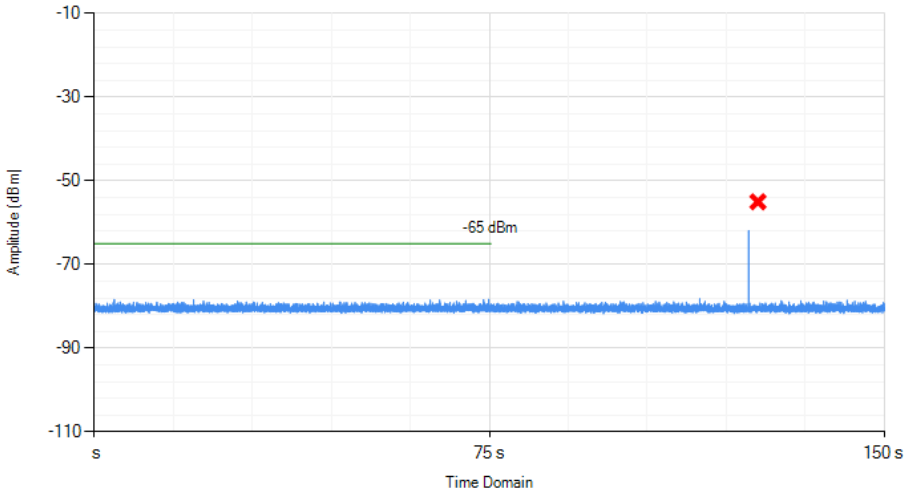
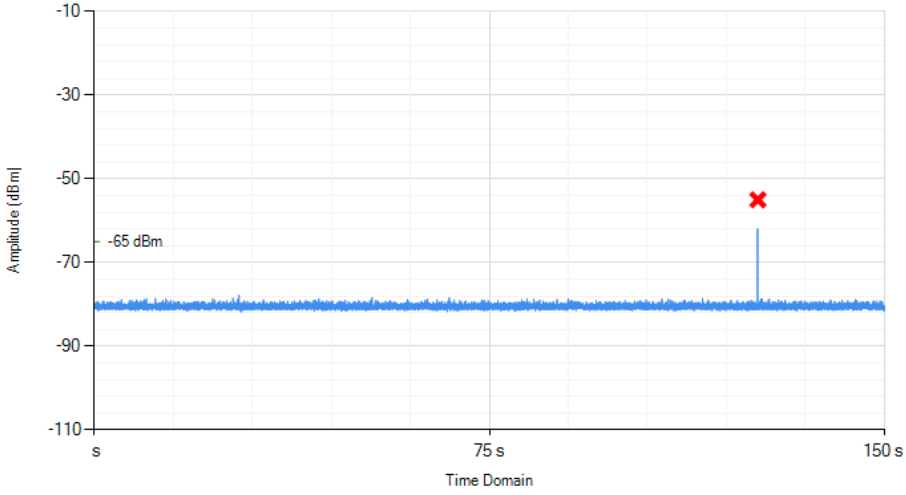
7. Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
8. Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

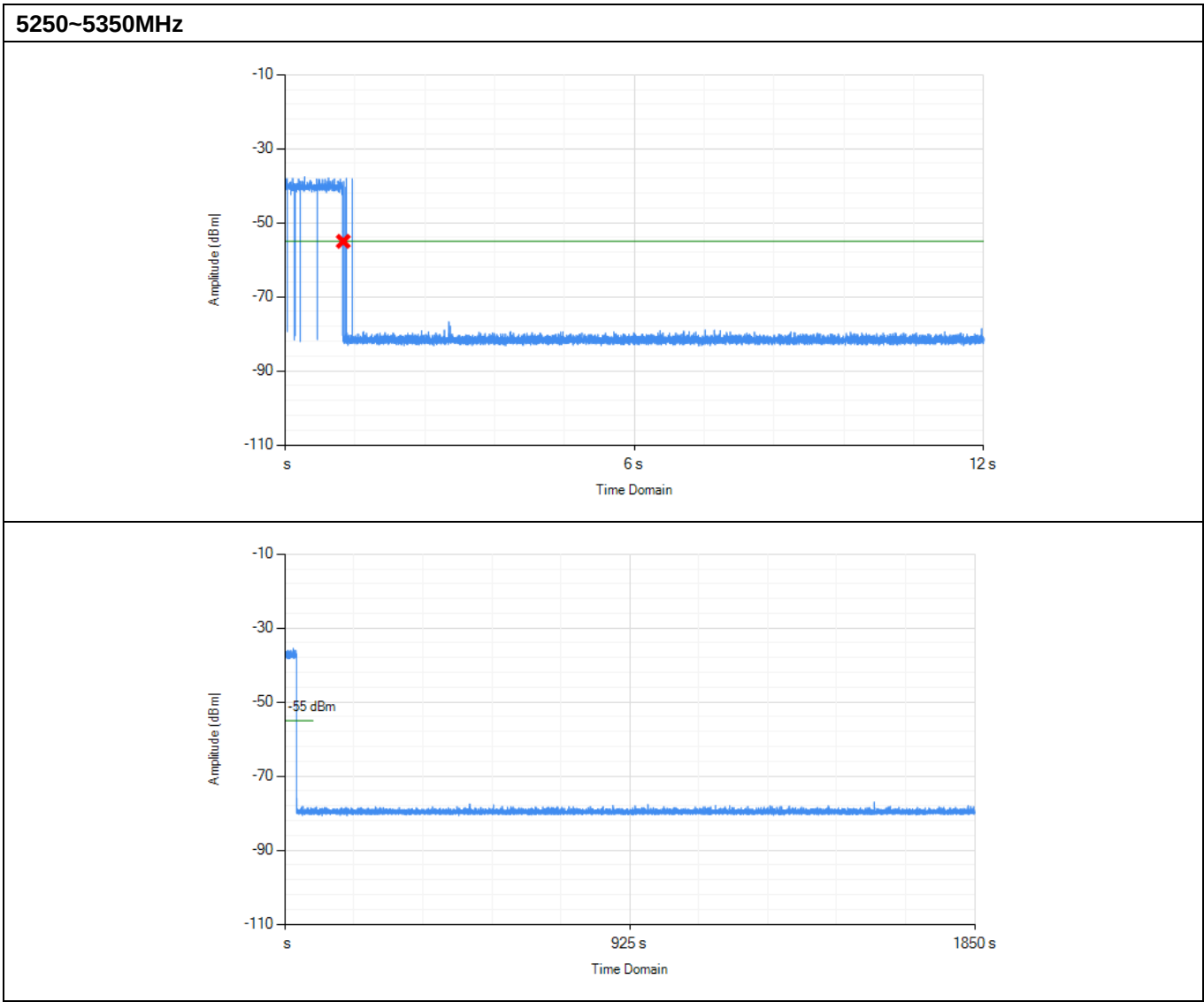
3.5 TEST RESULTS

Initial Channel Availability Check Time:

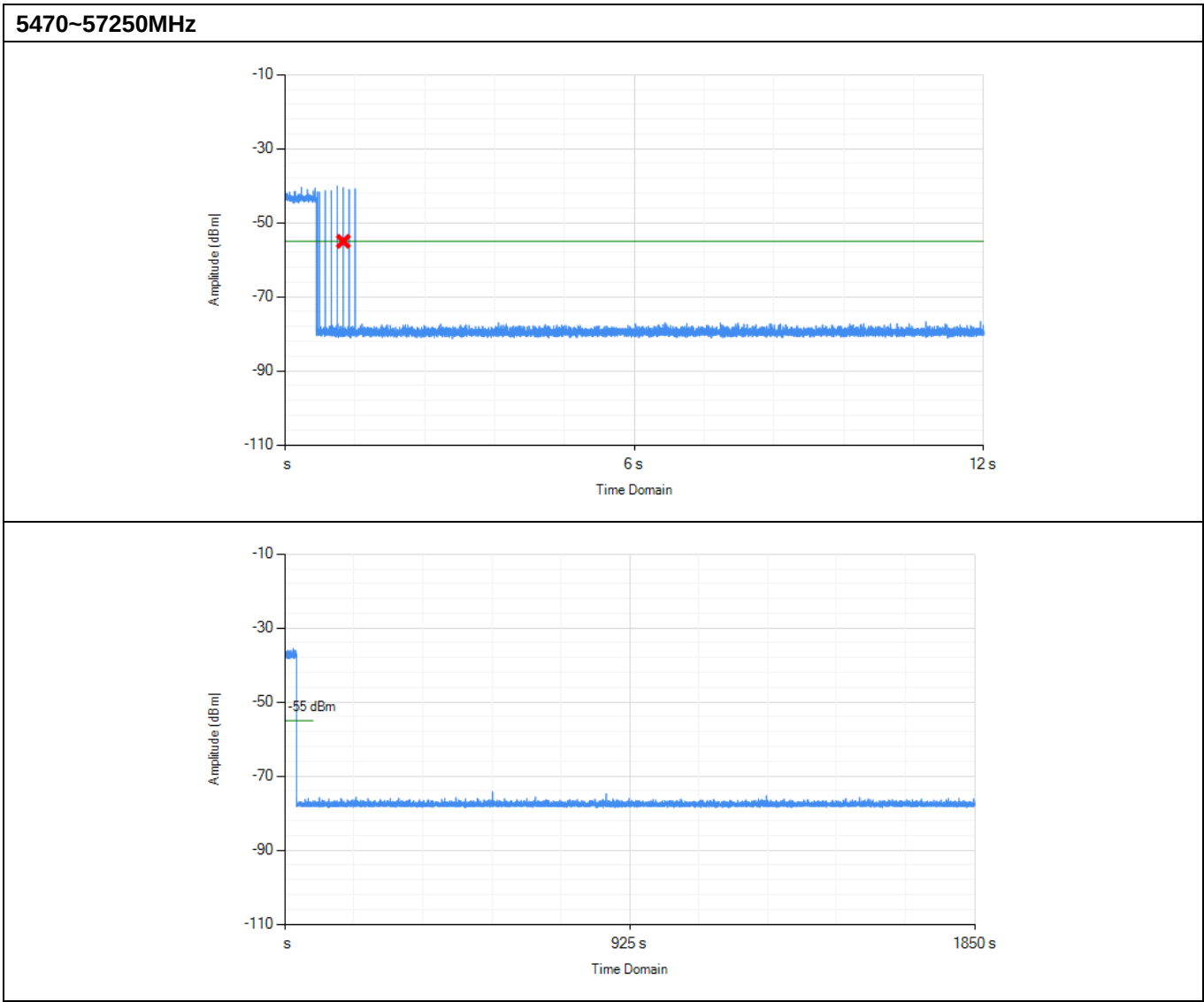
5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Power Up Time(T1) (s)	61.0s
	Channel transmissions start timee(s)	127.0s
5470~5725MHz		
802.11ax(HE80) 5530MHz		
	Power Up Time(T1) (s)	59.3s
	Channel transmissions start timee(s)	127.4s

5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Radar burst at the beginning of the Channel Availability Check Timeee(s)	62.0s
5470~5725MHz		
802.11ax(HE80) 5530MHz		
	Radar burst at the beginning of the Channel Availability Check Timeee(s)	61.0s

5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Radar burst at the end of the ChannelAvailabiltv Check Timee(s)	126.0s
802.11ax(HE80) 5530MHz		
	Radar burst at the end of the Channel Availabiltv Check Timee(s)	126.0s



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5290MHz	Channel Move Time(s)	0.952s	<10s	Complied
	Channel Closing Transmission Time(ms)	18ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5530MHz	Channel Move Time(s)	0.408s	<10s	Complied
	Channel Closing Transmission Time(ms)	7.2ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied

UNII Detection Bandwidth Measurement:

Detection Bandwidth (802.11ax-HE20 mode-5260MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5266	Type 0	10	10	100	100	Complied
5267	Type 0	10	10	100	100	Complied
5268	Type 0	10	10	100	100	Complied
5269	Type 0	10	10	100	100	Complied
5269.7 FH	Type 0	10	10	100	100	Complied
5270	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5260MHz. The 99% channel bandwidth is 19.20MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5269.7MHz-5250.3MHz=19.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.						

Detection Bandwidth (802.11ax-HE40 mode-5270MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5251 FL	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5286	Type 0	10	10	100	100	Complied
5287	Type 0	10	10	100	100	Complied
5288	Type 0	10	10	100	100	Complied
5289 FH	Type 0	10	10	100	100	Complied
5290	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 37.76MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5290MHz-5251MHz=39MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.						

Detection Bandwidth (802.11ax-HE80 mode-5290MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5250	Type 0	10	0	0	0	/
5250.3 FL	Type 0	10	10	100	100	Complied
5251	Type 0	10	10	100	100	Complied
5252	Type 0	10	10	100	100	Complied
5253	Type 0	10	10	100	100	Complied
5254	Type 0	10	10	100	100	Complied
5255	Type 0	10	10	100	100	Complied
5260	Type 0	10	10	100	100	Complied
5265	Type 0	10	10	100	100	Complied
5270	Type 0	10	10	100	100	Complied
5275	Type 0	10	10	100	100	Complied
5280	Type 0	10	10	100	100	Complied
5285	Type 0	10	10	100	100	Complied
5290	Type 0	10	10	100	100	Complied
5295	Type 0	10	10	100	100	Complied
5300	Type 0	10	10	100	100	Complied
5305	Type 0	10	10	100	100	Complied
5310	Type 0	10	10	100	100	Complied
5315	Type 0	10	10	100	100	Complied
5320	Type 0	10	10	100	100	Complied
5325	Type 0	10	10	100	100	Complied
5326	Type 0	10	10	100	100	Complied
5327	Type 0	10	10	100	100	Complied
5328	Type 0	10	10	100	100	Complied
5329	Type 0	10	10	100	100	Complied
5329.7 FH	Type 0	10	10	100	100	Complied
5330	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 79.36MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.						

UNII Detection Bandwidth Measurement:

Detection Bandwidth (802.11ax-HE20 mode-5500MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5490.3 FL	Type 0	10	10	100	100	Complied
5491	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5506	Type 0	10	10	100	100	Complied
5507	Type 0	10	10	100	100	Complied
5508	Type 0	10	10	100	100	Complied
5509	Type 0	10	10	100	100	Complied
5509.7 FH	Type 0	10	10	100	100	Complied
5510	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5260MHz. The 99% channel bandwidth is 19.20MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5269.7MHz-5250.3MHz=19.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.						

Detection Bandwidth (802.11ax-HE40 mode-5510MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5491 FL	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5510	Type 0	10	10	100	100	Complied
5515	Type 0	10	10	100	100	Complied
5520	Type 0	10	10	100	100	Complied
5525	Type 0	10	10	100	100	Complied
5526	Type 0	10	10	100	100	Complied
5527	Type 0	10	10	100	100	Complied
5528	Type 0	10	10	100	100	Complied
5529 FH	Type 0	10	10	100	100	Complied
5530	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 37.76MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth= FH-FL=5290MHz-5251MHz=39MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.						

Detection Bandwidth (802.11ax-HE80 mode-5530MHz)						
Radar Frequency (MHz)	Radar Type	Total No.	Detected No.	Detection Rate (%)	Limit (%)	Test Result
5490	Type 0	10	0	0	0	/
5490.3 FL	Type 0	10	10	100	100	Complied
5491	Type 0	10	10	100	100	Complied
5492	Type 0	10	10	100	100	Complied
5493	Type 0	10	10	100	100	Complied
5494	Type 0	10	10	100	100	Complied
5495	Type 0	10	10	100	100	Complied
5500	Type 0	10	10	100	100	Complied
5505	Type 0	10	10	100	100	Complied
5510	Type 0	10	10	100	100	Complied
5515	Type 0	10	10	100	100	Complied
5520	Type 0	10	10	100	100	Complied
5525	Type 0	10	10	100	100	Complied
5530	Type 0	10	10	100	100	Complied
5535	Type 0	10	10	100	100	Complied
5540	Type 0	10	10	100	100	Complied
5545	Type 0	10	10	100	100	Complied
5550	Type 0	10	10	100	100	Complied
5555	Type 0	10	10	100	100	Complied
5560	Type 0	10	10	100	100	Complied
5565	Type 0	10	10	100	100	Complied
5566	Type 0	10	10	100	100	Complied
5567	Type 0	10	10	100	100	Complied
5568	Type 0	10	10	100	100	Complied
5569	Type 0	10	10	100	100	Complied
5569.7 FH	Type 0	10	10	100	100	Complied
5570	Type 0	10	0	0	0	/
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 79.36MHz. (See the 99% BW section of the RF report for further measurement details). Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.						

Statistical Performance Check Measurement:

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5250	1	1930.5	518	1
2	5251	16	1222.5	818	1
3	5252	3	1792.1	558	1
4	5253	4	1730.1	578	1
5	5254	22	1066.1	938	1
6	5255	6	1618.1	618	1
7	5256	7	1567.4	638	1
8	5257	8	1519.8	658	0
9	5258	9	1474.9	678	1
10	5258	10	1432.7	698	1
11	5259	5	1672.2	598	1
12	5260	12	1355	738	1
13	5261	11	1392.8	718	1
14	5262	14	1285.3	778	0
15	5263	15	1253.1	798	0
16	5264	13	1319.3	758	1
17	5265	17	1193.3	838	1
18	5266	18	1165.6	858	1
19	5267	19	1139	878	1
20	5268	20	1113.6	898	1
21	5269	21	1089.3	918	1
22	5270	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5251	-	1692.0	591	1
25	5252	-	881.8	1134	1
26	5253	-	517.6	1932	1
27	5254	-	1216.5	822	0
28	5255	-	328.1	3048	1
29	5256	-	427.4	2340	1
30	5257	-	801.3	1248	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Number of Pulses	1=Detection 0=Detection
1	5317	4	187	23	1
2	5256	1	222	23	1
3	5275	4	173	24	1
4	5316	4	184	27	1
5	5278	1	198	27	1
6	5259	5	159	23	1
7	5315	2	196	27	1
8	5265	2	215	29	1
9	5309	5	201	24	0
10	5302	5	193	23	1
11	5292	2	171	24	1
12	5270	3	229	29	1
13	5268	3	174	23	1
14	5303	1	162	27	1
15	5281	3	183	29	1
16	5250	1	199	23	1
17	5301	2	164	26	1
18	5313	2	151	28	1
19	5303	1	226	23	1
20	5321	1	154	28	1
21	5319	3	191	28	1
22	5280	3	178	24	1
23	5265	1	155	29	0
24	5327	3	151	25	1
25	5256	5	174	23	1
26	5265	2	153	27	1
27	5313	4	166	23	1
28	5259	1	209	29	1
29	5309	5	183	29	1
30	5257	1	208	29	0
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5254	6	361	18	1
2	5281	8	494	17	1
3	5210	8	433	17	1
4	5240	10	246	18	1
5	5223	9	455	17	1
6	5272	9	227	17	1
7	5241	7	309	16	1
8	5229	9	488	17	0
9	5268	9	429	16	1
10	5284	9	439	18	1
11	5277	8	266	18	1
12	5231	8	266	17	1
13	5271	9	481	18	1
14	5239	8	259	17	1
15	5245	6	300	18	0
16	5216	9	395	16	1
17	5273	6	446	18	1
18	5266	7	383	18	1
19	5246	9	210	17	1
20	5280	6	448	17	1
21	5273	8	248	17	1
22	5258	9	410	16	1
23	5275	10	295	17	1
24	5211	7	420	18	1
25	5274	7	416	18	1
26	5255	7	222	17	1
27	5228	7	438	16	1
28	5254	9	251	16	1
29	5265	7	275	16	1
30	5247	6	414	17	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5258	13	450	16	1
2	5272	14	279	15	1
3	5270	11	203	16	1
4	5268	15	319	14	0
5	5271	18	373	13	1
6	5252	19	493	15	1
7	5274	14	496	15	1
8	5287	16	202	15	1
9	5290	14	214	12	1
10	5284	19	212	14	1
11	5270	20	344	14	0
12	5274	11	366	16	1
13	5283	17	252	12	1
14	5261	12	488	15	1
15	5277	13	205	16	1
16	5270	18	257	12	1
17	5264	13	299	13	1
18	5258	18	488	15	0
19	5274	17	249	12	1
20	5257	19	265	13	1
21	5250	14	419	16	1
22	5261	13	270	16	1
23	5268	14	295	12	1
24	5259	14	215	14	1
25	5270	19	366	12	1
26	5277	20	299	14	1
27	5283	19	434	14	1
28	5260	12	255	15	1
29	5281	16	426	16	1
30	5265	16	285	14	0
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	86.67
2	90.00
3	93.33
4	86.67
Aggregate(Radar Types 1-4)	89.17
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	14	3	55	17	1383	1886	910	1
2	5278	12	1	55	11	--	--	690	1
3	5253	12	1	69	20	1621	1750	409	1
4	5286	13	3	65	17	1360	1344	716	1
5	5269	17	2	69	11	1117	1487	223	1
6	5287	8	3	69	19	1547	1419	419	1
7	5282	9	1	85	18	--	1988	166	1
8	5283	14	1	84	16	1027	1888	349	1
9	5276	14	1	76	12	1399	1554	897	1
10	5259	12	2	54	13	1040	1922	179	1
11	5262	9	3	67	13	1880	1268	601	1
12	5272	10	3	91	6	1309	--	132	0
13	5289	16	2	51	15	1014	1423	622	1
14	5273	11	2	80	19	1048	1342	423	1
15	5290	19	2	50	19	1650	1632	258	1
16	5250	19	1	86	18	1674	1659	632	1
17	5286	12	2	69	13	1354	1604	998	1
18	5262	14	1	83	13	--	--	943	1
19	5288	14	1	90	9	1222	1065	89	1
20	5289	17	1	69	19	1042	1968	810	1
21	5256	13	2	70	6	1068	1052	444	1
22	5263	17	3	100	14	1568	1936	236	1
23	5250	9	1	92	15	1099	1126	532	1
24	5284	15	2	88	9	1798	1944	632	1
25	5262	8	2	64	12	1002	1022	181	1
26	5260	12	2	94	16	1651	1385	251	1
27	5268	11	2	62	10	1869	1275	327	1
28	5284	18	3	58	14	1206	--	578	1
29	5251	13	2	60	20	1147	1598	685	1
30	5279	18	3	57	13	1034	1495	335	1
Detection Percentage (%)									96.67
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5260	9	1	333	1
2	5260	9	1	333	1
3	5260	9	1	333	1
4	5260	9	1	333	0
5	5260	9	1	333	1
6	5260	9	1	333	1
7	5260	9	1	333	1
8	5260	9	1	333	1
9	5260	9	1	333	1
10	5260	9	1	333	0
11	5260	9	1	333	1
12	5260	9	1	333	1
13	5260	9	1	333	1
14	5260	9	1	333	1
15	5260	9	1	333	1
16	5260	9	1	333	1
17	5260	9	1	333	1
18	5260	9	1	333	1
19	5260	9	1	333	1
20	5260	9	1	333	1
21	5260	9	1	333	1
22	5260	9	1	333	1
23	5260	9	1	333	1
24	5260	9	1	333	0
25	5260	9	1	333	1
26	5260	9	1	333	1
27	5260	9	1	333	1
28	5260	9	1	333	0
29	5260	9	1	333	1
30	5260	9	1	333	1
Detection Percentage (%)					86.67
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	1	1930.5	518	1
2	5278	16	1222.5	818	1
3	5253	3	1792.1	558	1
4	5286	4	1730.1	578	1
5	5269	22	1066.1	938	1
6	5287	6	1618.1	618	1
7	5282	7	1567.4	638	0
8	5283	8	1519.8	658	1
9	5276	9	1474.9	678	1
10	5259	10	1432.7	698	1
11	5262	5	1672.2	598	1
12	5272	12	1355	738	1
13	5289	11	1392.8	718	1
14	5273	14	1285.3	778	1
15	5290	15	1253.1	798	0
16	5250	13	1319.3	758	1
17	5286	17	1193.3	838	1
18	5262	18	1165.6	858	1
19	5288	19	1139	878	1
20	5289	20	1113.6	898	1
21	5256	21	1089.3	918	1
22	5263	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5284	-	1692.0	591	0
25	5262	-	881.8	1134	1
26	5260	-	517.6	1932	1
27	5268	-	1216.5	822	1
28	5284	-	328.1	3048	1
29	5251	-	427.4	2340	1
30	5279	-	801.3	1248	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5265	3	217	26	1
2	5266	2	224	29	1
3	5324	1	202	25	1
4	5290	3	224	27	0
5	5280	4	151	29	1
6	5320	4	179	27	1
7	5251	5	208	29	1
8	5263	3	180	23	1
9	5317	5	162	25	1
10	5285	2	154	26	1
11	5329	1	158	28	1
12	5325	1	189	23	1
13	5322	1	156	24	1
14	5251	1	199	26	1
15	5284	1	207	26	1
16	5305	2	214	24	1
17	5301	2	189	28	1
18	5312	4	179	26	1
19	5272	1	192	27	1
20	5286	2	178	28	1
21	5279	1	157	29	1
22	5320	5	182	24	1
23	5257	1	213	27	1
24	5303	5	165	27	1
25	5315	5	207	25	1
26	5264	4	192	28	0
27	5250	1	213	27	1
28	5314	5	180	24	1
29	5314	5	178	27	1
30	5288	3	226	29	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5224	9	269	16	1
2	5245	7	399	17	1
3	5272	10	396	18	1
4	5240	6	297	17	1
5	5259	10	244	18	1
6	5229	8	428	17	1
7	5259	7	231	16	1
8	5219	6	478	18	1
9	5263	8	493	17	1
10	5255	10	488	18	1
11	5266	10	468	16	1
12	5279	8	237	16	1
13	5236	7	404	17	1
14	5249	7	476	17	1
15	5283	6	433	16	1
16	5221	9	369	17	1
17	5245	6	315	18	1
18	5278	9	298	18	0
19	5219	8	365	18	1
20	5252	8	330	16	1
21	5267	6	480	18	1
22	5257	10	485	17	1
23	5248	6	284	18	1
24	5256	9	496	18	1
25	5248	7	395	16	1
26	5261	8	423	17	1
27	5250	6	271	18	1
28	5278	8	278	16	1
29	5266	6	418	17	1
30	5273	8	294	16	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5256	14	407	16	0
2	5255	16	272	13	1
3	5264	19	480	16	1
4	5258	11	479	14	1
5	5281	20	275	13	1
6	5278	11	234	16	1
7	5263	20	298	16	1
8	5276	11	270	12	1
9	5283	16	303	15	1
10	5267	18	208	14	1
11	5274	19	437	15	1
12	5256	12	274	14	0
13	5275	18	316	12	1
14	5277	14	211	15	1
15	5275	12	452	16	1
16	5287	15	405	16	1
17	5270	14	259	13	1
18	5277	19	227	13	0
19	5284	19	462	16	1
20	5265	12	280	14	1
21	5261	15	267	14	1
22	5256	11	374	12	1
23	5256	19	224	14	1
24	5261	15	284	15	1
25	5251	17	410	12	1
26	5274	12	274	13	0
27	5284	12	336	15	1
28	5262	19	404	15	1
29	5252	18	268	15	1
30	5269	17	410	12	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	93.33
3	96.67
4	86.67
Aggregate(Radar Types 1-4)	91.67
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	8	1	100	8	1434	1461	501	1
2	5278	12	1	55	20	1614	1013	403	1
3	5253	16	3	82	9	1624	1651	993	1
4	5286	14	2	76	16	1831	1549	897	1
5	5269	16	3	100	15	--	--	121	1
6	5287	10	3	98	20	1567	1804	454	1
7	5282	15	3	73	15	1811	1611	537	1
8	5283	14	2	88	5	1553	1928	206	1
9	5276	8	2	78	17	1131	1189	15	1
10	5259	17	3	60	16	1748	1814	897	1
11	5262	11	2	52	18	1364	1469	570	1
12	5272	12	1	70	8	1595	1461	199	1
13	5289	15	2	55	17	1352	1051	78	0
14	5273	12	1	84	10	1154	1834	734	1
15	5290	17	3	58	16	1341	1095	276	1
16	5250	18	3	88	20	--	--	41	1
17	5286	19	1	65	17	1544	1909	183	1
18	5262	16	3	71	15	1563	1999	663	1
19	5288	16	1	97	5	1365	1456	828	1
20	5289	15	1	96	15	1628	1952	76	1
21	5256	14	3	67	6	1020	1767	873	1
22	5263	17	1	100	14	1732	1887	489	0
23	5250	15	2	58	5	1963	1709	364	1
24	5284	11	3	58	13	1861	1131	644	1
25	5262	16	1	66	13	1617	1366	889	1
26	5260	12	2	54	11	1459	1750	539	1
27	5268	11	1	89	19	1055	1647	442	1
28	5284	11	3	51	15	--	1279	52	1
29	5251	8	1	80	14	1744	1176	157	1
30	5279	10	3	96	13	1735	1121	732	1
Detection Percentage (%)									93.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5270	9	1	333	1
2	5270	9	1	333	0
3	5270	9	1	333	1
4	5270	9	1	333	1
5	5270	9	1	333	1
6	5270	9	1	333	1
7	5270	9	1	333	1
8	5270	9	1	333	1
9	5270	9	1	333	1
10	5270	9	1	333	0
11	5270	9	1	333	1
12	5270	9	1	333	1
13	5270	9	1	333	1
14	5270	9	1	333	1
15	5270	9	1	333	1
16	5270	9	1	333	1
17	5270	9	1	333	0
18	5270	9	1	333	1
19	5270	9	1	333	1
20	5270	9	1	333	1
21	5270	9	1	333	1
22	5270	9	1	333	1
23	5270	9	1	333	1
24	5270	9	1	333	1
25	5270	9	1	333	1
26	5270	9	1	333	1
27	5270	9	1	333	0
28	5270	9	1	333	1
29	5270	9	1	333	1
30	5270	9	1	333	1
Detection Percentage (%)					86.67
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	1	1930.5	518	1
2	5273	16	1222.5	818	1
3	5296	3	1792.1	558	1
4	5269	4	1730.1	578	1
5	5293	22	1066.1	938	1
6	5327	6	1618.1	618	1
7	5297	7	1567.4	638	1
8	5320	8	1519.8	658	1
9	5309	9	1474.9	678	1
10	5322	10	1432.7	698	1
11	5253	5	1672.2	598	1
12	5258	12	1355	738	1
13	5280	11	1392.8	718	1
14	5289	14	1285.3	778	0
15	5274	15	1253.1	798	1
16	5277	13	1319.3	758	1
17	5257	17	1193.3	838	1
18	5314	18	1165.6	858	1
19	5252	19	1139	878	1
20	5261	20	1113.6	898	1
21	5301	21	1089.3	918	1
22	5289	2	1858.7	538	1
23	5262	23	326.2	3066	1
24	5278	-	1692.0	591	1
25	5303	-	881.8	1134	1
26	5271	-	517.6	1932	1
27	5326	-	1216.5	822	1
28	5302	-	328.1	3048	1
29	5306	-	427.4	2340	1
30	5321	-	801.3	1248	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5256	2	211	29	1
2	5296	1	172	23	0
3	5270	5	152	23	1
4	5257	2	205	29	1
5	5284	3	185	24	1
6	5293	3	159	29	1
7	5268	3	201	26	1
8	5268	3	187	26	1
9	5294	2	182	24	1
10	5286	5	162	26	0
11	5307	2	180	23	1
12	5267	4	217	28	1
13	5301	2	151	28	1
14	5291	2	197	27	1
15	5275	3	179	27	1
16	5319	1	152	23	1
17	5294	2	163	25	0
18	5294	4	165	27	1
19	5276	4	157	23	1
20	5311	3	154	24	1
21	5315	1	208	23	1
22	5325	4	154	23	1
23	5322	3	189	28	1
24	5311	5	184	27	1
25	5255	2	216	27	0
26	5308	4	175	27	1
27	5309	4	154	28	1
28	5290	3	154	29	1
29	5252	4	172	27	1
30	5308	3	210	26	0
Detection Percentage (%)					83.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5248	6	452	18	1
2	5239	8	444	16	1
3	5263	10	214	16	1
4	5231	6	243	16	1
5	5231	8	390	17	1
6	5249	6	283	18	0
7	5213	6	459	17	1
8	5253	8	474	18	1
9	5214	7	484	17	1
10	5216	7	498	17	1
11	5210	6	343	16	1
12	5286	8	462	17	1
13	5230	10	429	17	1
14	5248	10	243	18	1
15	5218	10	205	18	1
16	5210	8	328	18	1
17	5266	7	313	16	1
18	5263	10	489	17	1
19	5225	6	499	17	0
20	5274	9	492	17	1
21	5225	10	428	16	1
22	5217	9	429	16	1
23	5261	7	435	17	1
24	5240	10	218	16	1
25	5262	8	200	18	1
26	5286	9	413	16	1
27	5287	8	235	16	1
28	5213	9	400	18	1
29	5259	7	216	16	1
30	5218	7	279	18	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5289	14	314	14	1
2	5261	13	438	15	0
3	5263	20	263	16	1
4	5276	19	494	14	1
5	5252	11	234	12	1
6	5253	12	373	12	1
7	5263	19	431	14	1
8	5281	19	359	16	1
9	5279	17	411	13	1
10	5267	17	348	16	1
11	5276	13	290	14	1
12	5256	13	200	15	0
13	5289	12	478	16	1
14	5256	17	229	16	1
15	5289	18	454	13	1
16	5281	16	394	14	1
17	5287	18	404	13	1
18	5260	17	268	12	1
19	5276	12	249	16	1
20	5262	16	451	14	1
21	5282	15	216	15	1
22	5270	18	473	12	1
23	5266	12	354	16	1
24	5281	20	220	14	1
25	5255	13	431	14	1
26	5268	16	497	12	1
27	5289	11	465	13	1
28	5276	15	487	12	0
29	5258	16	417	16	1
30	5282	16	266	12	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	96.67
2	83.33
3	93.33
4	90.00
Aggregate(Radar Types 1-4)	90.83
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	14	3	67	20	1105	1574	447	1
2	5278	11	2	54	5	1146	1427	336	1
3	5253	11	3	57	10	1939	1057	284	1
4	5286	11	1	66	20	1375	1400	96	1
5	5269	8	3	76	14	1912	1310	539	1
6	5287	9	1	86	12	--	1825	829	1
7	5282	13	1	72	9	1014	1256	446	1
8	5283	9	2	56	16	1132	1336	913	1
9	5276	15	3	51	14	1955	1171	93	1
10	5259	14	3	66	20	1796	1806	435	0
11	5262	13	3	52	15	1002	1837	395	1
12	5272	20	2	71	17	1269	1013	213	1
13	5289	14	3	92	16	1951	1155	447	1
14	5273	19	3	84	20	1468	--	498	1
15	5290	15	1	61	14	1842	1871	510	1
16	5250	18	3	58	11	1318	1010	975	1
17	5286	12	2	66	10	1892	1531	379	1
18	5262	10	1	92	17	1499	1724	540	1
19	5288	14	3	99	6	1382	1109	315	1
20	5289	20	2	78	13	1669	1258	785	1
21	5256	9	3	62	20	1644	1308	392	1
22	5263	18	1	100	9	1065	1859	764	1
23	5250	9	1	100	11	--	--	599	0
24	5284	13	2	85	10	1044	1029	201	1
25	5262	17	1	90	11	1858	1569	64	1
26	5260	19	1	84	17	1033	1615	611	1
27	5268	12	1	67	12	1181	1693	919	1
28	5284	12	2	50	15	1787	1022	212	1
29	5251	13	3	88	16	1195	1037	67	1
30	5279	9	2	55	10	--	1556	788	1
Detection Percentage (%)									93.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5290	9	1	333	1
2	5290	9	1	333	1
3	5290	9	1	333	1
4	5290	9	1	333	1
5	5290	9	1	333	1
6	5290	9	1	333	1
7	5290	9	1	333	1
8	5290	9	1	333	1
9	5290	9	1	333	1
10	5290	9	1	333	1
11	5290	9	1	333	1
12	5290	9	1	333	1
13	5290	9	1	333	0
14	5290	9	1	333	1
15	5290	9	1	333	1
16	5290	9	1	333	1
17	5290	9	1	333	1
18	5290	9	1	333	1
19	5290	9	1	333	1
20	5290	9	1	333	1
21	5290	9	1	333	1
22	5290	9	1	333	1
23	5290	9	1	333	1
24	5290	9	1	333	1
25	5290	9	1	333	1
26	5290	9	1	333	1
27	5290	9	1	333	1
28	5290	9	1	333	1
29	5290	9	1	333	1
30	5290	9	1	333	1
Detection Percentage (%)					96.67
Limit					70%
Test Result					Complied

Statistical Performance Check Measurement:

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5491	1	1930.5	518	1
2	5492	16	1222.5	818	1
3	5506	3	1792.1	558	1
4	5497	4	1730.1	578	1
5	5491	22	1066.1	938	1
6	5502	6	1618.1	618	1
7	5500	7	1567.4	638	1
8	5497	8	1519.8	658	1
9	5498	9	1474.9	678	1
10	5510	10	1432.7	698	1
11	5502	5	1672.2	598	1
12	5492	12	1355	738	0
13	5492	11	1392.8	718	1
14	5502	14	1285.3	778	1
15	5495	15	1253.1	798	1
16	5495	13	1319.3	758	1
17	5494	17	1193.3	838	1
18	5509	18	1165.6	858	1
19	5508	19	1139	878	0
20	5508	20	1113.6	898	1
21	5491	21	1089.3	918	1
22	5507	2	1858.7	538	1
23	5504	23	326.2	3066	1
24	5498	-	1692.0	591	1
25	5496	-	881.8	1134	1
26	5500	-	517.6	1932	1
27	5491	-	1216.5	822	1
28	5494	-	328.1	3048	1
29	5501	-	427.4	2340	1
30	5510	-	801.3	1248	0
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Number of Pulses	1=Detection 0=Detection
1	5324	1	158	23	1
2	5280	3	179	24	1
3	5296	2	181	23	1
4	5300	4	172	26	1
5	5299	5	156	26	1
6	5277	2	203	26	0
7	5251	2	157	23	1
8	5290	1	201	25	1
9	5264	2	217	26	1
10	5301	3	155	29	1
11	5326	1	209	27	1
12	5299	5	221	27	1
13	5314	5	188	26	1
14	5290	3	210	29	1
15	5290	3	174	29	1
16	5251	2	169	24	1
17	5251	2	159	24	1
18	5299	2	174	24	1
19	5266	5	199	27	1
20	5329	4	230	23	1
21	5287	1	157	23	1
22	5250	2	200	24	1
23	5305	4	165	29	1
24	5251	3	230	26	1
25	5327	1	200	26	0
26	5284	1	177	27	1
27	5279	2	159	24	1
28	5270	3	196	28	1
29	5255	2	150	29	1
30	5271	2	157	27	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5227	7	387	18	1
2	5219	6	385	16	1
3	5214	6	364	18	1
4	5237	8	437	18	1
5	5225	6	399	16	1
6	5214	6	203	18	0
7	5265	6	381	16	1
8	5279	6	283	17	1
9	5271	7	223	18	1
10	5261	10	315	17	1
11	5274	9	303	18	1
12	5213	6	290	17	1
13	5215	9	327	16	1
14	5228	6	301	17	1
15	5275	6	432	16	0
16	5243	7	287	18	1
17	5231	7	280	17	1
18	5217	10	282	16	1
19	5239	9	282	17	1
20	5217	10	249	16	1
21	5271	6	260	17	1
22	5216	10	322	16	1
23	5257	8	304	18	1
24	5289	10	372	17	1
25	5269	9	309	16	0
26	5218	6	472	18	1
27	5255	7	498	17	1
28	5241	7	367	16	1
29	5259	10	432	17	0
30	5232	8	463	17	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5271	12	493	15	1
2	5272	14	239	13	1
3	5290	14	346	14	0
4	5284	12	474	14	1
5	5283	17	232	13	1
6	5258	11	301	12	1
7	5257	19	408	13	1
8	5272	14	471	14	1
9	5272	17	312	14	1
10	5266	11	383	15	1
11	5266	12	451	15	1
12	5263	17	404	15	1
13	5272	19	265	12	1
14	5265	17	271	12	1
15	5284	19	327	12	1
16	5272	17	288	14	1
17	5256	19	430	13	1
18	5270	13	377	12	1
19	5266	13	202	12	1
20	5266	15	473	15	1
21	5280	19	329	14	1
22	5279	17	204	13	1
23	5274	17	431	12	1
24	5276	13	282	16	1
25	5274	18	220	14	1
26	5287	18	218	12	1
27	5278	16	290	14	1
28	5283	12	247	15	1
29	5281	11	249	14	1
30	5258	14	433	13	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	93.33
3	86.67
4	96.67
Aggregate(Radar Types 1-4)	91.67
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	14	1	67	8	1045	1888	178	1
2	5278	19	2	82	13	1018	1119	944	1
3	5253	10	1	95	11	1757	1598	563	1
4	5286	13	3	99	7	1207	1565	260	1
5	5269	17	1	71	11	--	--	98	1
6	5287	15	3	90	18	--	--	705	1
7	5282	18	2	81	13	1793	1562	420	0
8	5283	8	1	98	7	1707	1258	928	1
9	5276	8	2	58	16	1920	1914	467	1
10	5259	10	3	64	15	1885	1949	787	1
11	5262	20	3	59	14	1634	1865	343	1
12	5272	8	3	59	19	--	1228	385	0
13	5289	9	1	97	6	1886	1063	617	1
14	5273	9	1	55	11	1380	1307	876	1
15	5290	10	2	62	17	1778	1586	20	1
16	5250	17	3	55	13	1644	1124	131	1
17	5286	15	3	55	19	1313	1468	222	0
18	5262	9	1	83	13	1978	--	395	1
19	5288	14	1	80	15	1250	1996	968	1
20	5289	13	3	86	19	1870	1371	195	1
21	5256	18	3	56	12	1806	1408	479	1
22	5263	20	3	81	6	1558	1679	671	0
23	5250	16	2	95	13	1001	1133	780	1
24	5284	13	2	87	10	--	1935	946	1
25	5262	14	2	84	16	1131	1972	708	1
26	5260	8	1	72	16	1644	1074	66	1
27	5268	10	3	75	12	1723	1447	151	1
28	5284	17	3	93	18	1846	1081	807	1
29	5251	20	3	80	12	1157	1805	271	1
30	5279	11	2	73	12	1810	1471	272	1
Detection Percentage (%)									86.67
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5500MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5491	9	1	333	1
2	5492	9	1	333	0
3	5506	9	1	333	1
4	5497	9	1	333	1
5	5491	9	1	333	1
6	5502	9	1	333	1
7	5500	9	1	333	1
8	5497	9	1	333	1
9	5498	9	1	333	1
10	5510	9	1	333	0
11	5502	9	1	333	1
12	5492	9	1	333	1
13	5492	9	1	333	1
14	5502	9	1	333	1
15	5495	9	1	333	1
16	5495	9	1	333	1
17	5494	9	1	333	1
18	5509	9	1	333	1
19	5508	9	1	333	1
20	5508	9	1	333	0
21	5491	9	1	333	1
22	5507	9	1	333	1
23	5504	9	1	333	1
24	5498	9	1	333	1
25	5496	9	1	333	1
26	5500	9	1	333	1
27	5491	9	1	333	1
28	5494	9	1	333	0
29	5501	9	1	333	1
30	5510	9	1	333	0
Detection Percentage (%)					83.33
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5522	1	1930.5	518	1
2	5504	16	1222.5	818	1
3	5508	3	1792.1	558	1
4	5504	4	1730.1	578	1
5	5508	22	1066.1	938	1
6	5516	6	1618.1	618	1
7	5522	7	1567.4	638	1
8	5500	8	1519.8	658	1
9	5497	9	1474.9	678	1
10	5516	10	1432.7	698	1
11	5528	5	1672.2	598	0
12	5504	12	1355	738	1
13	5500	11	1392.8	718	1
14	5529	14	1285.3	778	0
15	5521	15	1253.1	798	1
16	5495	13	1319.3	758	1
17	5502	17	1193.3	838	1
18	5500	18	1165.6	858	1
19	5497	19	1139	878	1
20	5504	20	1113.6	898	1
21	5513	21	1089.3	918	1
22	5527	2	1858.7	538	1
23	5511	23	326.2	3066	1
24	5528	-	1692.0	591	1
25	5517	-	881.8	1134	1
26	5521	-	517.6	1932	1
27	5509	-	1216.5	822	1
28	5499	-	328.1	3048	1
29	5493	-	427.4	2340	1
30	5501	-	801.3	1248	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5265	2	187	25	1
2	5255	1	164	26	1
3	5269	2	204	28	1
4	5285	4	222	23	1
5	5283	1	216	23	1
6	5294	3	193	24	0
7	5308	1	153	25	1
8	5259	5	222	29	1
9	5262	1	175	28	1
10	5316	2	218	26	1
11	5317	4	199	26	0
12	5274	4	199	29	1
13	5305	4	177	23	1
14	5327	5	162	25	1
15	5294	5	168	29	1
16	5330	4	191	26	1
17	5255	2	228	23	0
18	5270	4	208	25	1
19	5315	3	191	27	1
20	5296	3	187	27	1
21	5276	3	195	28	1
22	5261	5	154	29	1
23	5288	5	153	25	1
24	5283	5	225	27	1
25	5291	4	174	25	1
26	5303	2	220	24	1
27	5288	5	172	27	1
28	5285	5	207	26	0
29	5274	5	222	29	1
30	5294	3	196	29	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5236	6	479	18	1
2	5274	9	482	16	1
3	5281	10	495	16	1
4	5276	10	437	16	1
5	5216	10	295	18	1
6	5271	8	379	16	0
7	5249	10	443	16	1
8	5241	8	253	17	1
9	5212	6	356	16	1
10	5279	7	221	18	1
11	5249	10	222	18	1
12	5261	8	224	18	1
13	5242	7	464	16	1
14	5275	7	358	16	1
15	5219	8	416	18	1
16	5274	9	301	17	0
17	5245	8	305	17	1
18	5215	10	472	17	1
19	5244	9	260	17	1
20	5285	6	324	18	1
21	5267	10	320	18	1
22	5240	10	399	17	1
23	5210	10	416	16	1
24	5224	10	348	18	1
25	5273	10	204	18	1
26	5276	7	428	18	0
27	5213	6	438	17	1
28	5230	8	499	17	1
29	5249	7	278	18	1
30	5225	7	223	16	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5258	16	259	13	1
2	5257	15	209	13	0
3	5257	18	392	14	1
4	5284	11	397	13	1
5	5283	20	425	12	1
6	5275	17	275	14	1
7	5264	15	477	16	1
8	5283	19	443	14	1
9	5256	13	276	15	1
10	5273	14	302	14	0
11	5272	12	464	14	1
12	5267	16	460	16	1
13	5265	11	358	15	1
14	5250	19	289	14	1
15	5286	17	286	15	1
16	5250	14	345	12	1
17	5262	18	448	13	1
18	5270	17	221	13	1
19	5279	17	470	15	1
20	5267	18	260	15	1
21	5250	18	456	16	1
22	5285	13	240	12	1
23	5283	17	421	15	1
24	5256	19	390	13	1
25	5289	11	366	15	1
26	5265	16	412	16	0
27	5283	11	270	15	1
28	5271	13	258	16	1
29	5276	16	207	16	1
30	5267	16	350	14	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	86.67
3	90.00
4	90.00
Aggregate(Radar Types 1-4)	90.00
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	13	1	55	15	1696	1443	548	1
2	5278	12	1	70	9	1520	1102	898	1
3	5253	15	2	58	13	1314	1948	586	0
4	5286	9	1	56	10	1461	--	611	1
5	5269	15	1	69	13	1450	1776	661	1
6	5287	12	3	60	14	1092	1406	80	1
7	5282	8	2	86	12	1132	1569	793	1
8	5283	15	3	70	20	1669	1963	179	0
9	5276	14	2	56	16	1119	1109	523	1
10	5259	9	3	65	6	1425	1649	892	1
11	5262	20	3	59	11	1670	1615	295	1
12	5272	14	3	57	5	1901	1395	697	1
13	5289	9	2	71	13	--	--	555	1
14	5273	8	1	63	19	1700	1256	467	1
15	5290	8	3	52	12	1351	1527	461	1
16	5250	13	3	54	18	1826	1695	8	0
17	5286	8	2	70	18	1792	1536	391	1
18	5262	17	3	68	17	1033	1692	662	1
19	5288	13	2	77	9	1372	1694	337	1
20	5289	20	1	94	14	1122	1433	14	1
21	5256	18	1	61	9	1025	1496	404	1
22	5263	12	1	88	8	1472	1621	352	0
23	5250	17	3	72	9	1531	1356	432	1
24	5284	18	3	82	6	1375	1653	618	1
25	5262	18	2	82	16	--	--	88	1
26	5260	13	3	85	8	1970	1149	513	1
27	5268	16	2	86	16	1398	1919	724	1
28	5284	14	1	71	14	1015	1949	266	1
29	5251	17	3	79	10	1279	1677	907	1
30	5279	10	1	60	20	--	1616	67	0
Detection Percentage (%)									83.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE40 mode-5510MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5510	9	1	333	1
2	5510	9	1	333	1
3	5510	9	1	333	1
4	5510	9	1	333	1
5	5510	9	1	333	1
6	5510	9	1	333	0
7	5510	9	1	333	1
8	5510	9	1	333	1
9	5510	9	1	333	1
10	5510	9	1	333	1
11	5510	9	1	333	1
12	5510	9	1	333	1
13	5510	9	1	333	1
14	5510	9	1	333	1
15	5510	9	1	333	1
16	5510	9	1	333	1
17	5510	9	1	333	1
18	5510	9	1	333	1
19	5510	9	1	333	1
20	5510	9	1	333	1
21	5510	9	1	333	1
22	5510	9	1	333	0
23	5510	9	1	333	1
24	5510	9	1	333	1
25	5510	9	1	333	1
26	5510	9	1	333	1
27	5510	9	1	333	1
28	5510	9	1	333	1
29	5510	9	1	333	1
30	5510	9	1	333	1
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5546	1	1930.5	518	1
2	5536	16	1222.5	818	1
3	5524	3	1792.1	558	1
4	5511	4	1730.1	578	1
5	5498	22	1066.1	938	1
6	5527	6	1618.1	618	1
7	5500	7	1567.4	638	0
8	5547	8	1519.8	658	1
9	5534	9	1474.9	678	1
10	5549	10	1432.7	698	1
11	5507	5	1672.2	598	1
12	5536	12	1355	738	1
13	5497	11	1392.8	718	0
14	5539	14	1285.3	778	1
15	5517	15	1253.1	798	1
16	5554	13	1319.3	758	1
17	5542	17	1193.3	838	1
18	5520	18	1165.6	858	1
19	5554	19	1139	878	1
20	5564	20	1113.6	898	1
21	5521	21	1089.3	918	1
22	5550	2	1858.7	538	0
23	5533	23	326.2	3066	1
24	5506	-	1692.0	591	1
25	5494	-	881.8	1134	1
26	5540	-	517.6	1932	1
27	5515	-	1216.5	822	1
28	5491	-	328.1	3048	1
29	5494	-	427.4	2340	1
30	5527	-	801.3	1248	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 2 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5310	4	179	29	0
2	5268	5	187	23	1
3	5266	4	164	26	1
4	5250	3	197	24	1
5	5264	3	220	27	1
6	5256	4	175	27	1
7	5255	5	168	29	0
8	5282	4	204	24	1
9	5315	4	164	27	1
10	5299	4	220	26	1
11	5314	1	202	23	1
12	5261	2	194	29	1
13	5262	4	183	26	1
14	5320	2	191	23	1
15	5305	3	228	26	1
16	5307	1	212	28	0
17	5269	2	163	28	1
18	5325	2	220	26	1
19	5284	3	190	27	1
20	5296	1	156	27	1
21	5313	5	169	24	1
22	5262	1	180	26	0
23	5278	4	171	27	1
24	5271	5	212	27	1
25	5281	3	194	28	1
26	5327	2	193	24	1
27	5305	4	168	24	1
28	5292	4	161	24	1
29	5323	3	171	23	1
30	5280	3	202	25	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Type 3 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5257	7	414	18	1
2	5277	10	485	17	1
3	5278	10	462	18	0
4	5278	7	417	18	1
5	5255	10	389	16	1
6	5254	6	419	18	1
7	5279	7	371	18	1
8	5272	6	441	16	1
9	5211	7	308	16	1
10	5238	10	259	17	1
11	5283	6	336	17	1
12	5284	10	442	17	1
13	5277	8	335	16	1
14	5233	9	302	17	0
15	5258	7	239	16	1
16	5250	6	325	18	1
17	5253	9	357	17	1
18	5270	7	333	16	1
19	5229	8	271	18	1
20	5274	10	378	17	1
21	5240	6	438	18	1
22	5256	7	435	18	1
23	5246	10	385	17	1
24	5275	10	270	18	1
25	5259	8	438	18	0
26	5246	9	484	16	1
27	5260	9	446	17	1
28	5285	7	470	17	1
29	5289	6	336	16	1
30	5278	7	232	16	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Type 4 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5268	12	291	13	1
2	5276	11	330	12	1
3	5272	15	391	13	1
4	5254	18	244	12	1
5	5271	17	474	14	1
6	5257	11	326	14	1
7	5257	14	473	12	1
8	5264	18	269	16	1
9	5275	14	388	12	1
10	5266	14	392	14	1
11	5273	11	309	13	1
12	5277	17	273	14	1
13	5255	13	446	16	1
14	5257	16	321	16	1
15	5260	20	296	15	1
16	5270	15	477	16	0
17	5267	18	223	13	1
18	5250	20	464	14	1
19	5269	17	415	16	1
20	5281	18	332	15	1
21	5272	13	284	16	1
22	5282	18	339	14	1
23	5272	16	332	12	1
24	5264	18	478	16	1
25	5251	17	354	12	1
26	5255	15	316	12	1
27	5265	20	228	13	1
28	5255	18	403	15	1
29	5285	13	234	12	1
30	5271	19	223	12	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	86.67
3	90.00
4	96.67
Aggregate(Radar Types 1-4)	90.84
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	12	3	50	11	--	1527	307	1
2	5278	18	3	61	11	1163	1091	708	1
3	5253	10	2	87	9	1883	1405	798	1
4	5286	8	1	67	9	1228	1479	587	1
5	5269	16	2	81	6	1820	1766	589	1
6	5287	18	1	65	13	1190	1384	17	1
7	5282	20	1	77	20	1716	1776	22	0
8	5283	20	1	64	5	1861	--	644	1
9	5276	15	2	73	12	1742	1495	371	1
10	5259	17	1	84	10	1436	1572	981	1
11	5262	18	2	84	8	1940	1124	855	1
12	5272	15	1	75	15	1408	1157	222	1
13	5289	17	3	66	19	--	1137	65	1
14	5273	8	3	98	5	--	--	78	1
15	5290	14	2	97	14	1841	1739	730	1
16	5250	17	2	58	6	1785	1920	1000	1
17	5286	13	1	58	15	1843	1726	62	1
18	5262	13	3	87	18	1815	1155	669	1
19	5288	9	2	87	10	1404	1148	595	1
20	5289	18	2	57	5	1964	1829	242	1
21	5256	20	1	92	8	1795	1543	316	1
22	5263	15	2	54	10	1617	1990	390	1
23	5250	19	1	75	12	1904	--	546	0
24	5284	14	1	52	9	--	1675	299	1
25	5262	20	1	74	12	1725	1932	227	1
26	5260	18	2	61	18	1240	1110	178	1
27	5268	12	1	90	13	1704	1603	402	1
28	5284	19	2	87	5	1980	1205	824	1
29	5251	20	2	87	11	1534	1790	227	1
30	5279	9	1	62	17	1599	1956	320	1
Detection Percentage (%)									93.33
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5530MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5530	9	1	333	1
2	5530	9	1	333	0
3	5530	9	1	333	1
4	5530	9	1	333	1
5	5530	9	1	333	1
6	5530	9	1	333	1
7	5530	9	1	333	0
8	5530	9	1	333	1
9	5530	9	1	333	1
10	5530	9	1	333	1
11	5530	9	1	333	1
12	5530	9	1	333	1
13	5530	9	1	333	1
14	5530	9	1	333	1
15	5530	9	1	333	1
16	5530	9	1	333	1
17	5530	9	1	333	0
18	5530	9	1	333	1
19	5530	9	1	333	1
20	5530	9	1	333	1
21	5530	9	1	333	1
22	5530	9	1	333	1
23	5530	9	1	333	1
24	5530	9	1	333	1
25	5530	9	1	333	1
26	5530	9	1	333	1
27	5530	9	1	333	0
28	5530	9	1	333	1
29	5530	9	1	333	1
30	5530	9	1	333	1
Detection Percentage (%)					86.67
Limit					70%
Test Result					Complied

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS

DFS Test Setup



******* END OF REPORT *******