

TEST REPORT

Reference No..... : WTX24X05101437W007
FCC ID : S3K5GCPE2
Applicant : Global Telecom Corp
Address : 17901 Von Karman Ave, Suite 600, Irvine, California 92614 United States of America
Manufacturer : Global Telecom Corp
Address : 17901 Von Karman Ave, Suite 600, Irvine, California 92614 United States of America
Product Name : 5G Window CPE
Model No..... : TITAN 5100
Standards : FCC Part 15.407
Date of Receipt sample : 2024-05-06
Date of Test..... : 2024-05-06 to 2024-06-30
Date of Issue : 2024-07-01
Test Report Form No. : WTX_Part 15_407W
Test Result..... : **Pass**

Remarks:

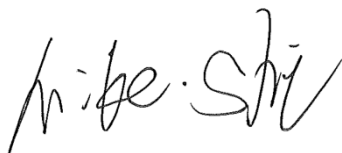
The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

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Report version

Version No.	Date of issue	Description
Rev.00	2024-07-01	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	5G Window CPE
Trade Name:	Global Telecom, TITAN
Model No.:	TITAN 5100
Adding Model(s):	/
Rated Voltage:	DC48V
Battery Capacity:	/
Power Adapter:	RP2024W01-4800500YE Input:AC100-240 50/60Hz 0.6A Output:DC48V0.5A
<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:	5260-5320MHz, 5745-5825MHz
Max. RF Output Power:	Antenna 0: 17.03dBm (Conducted) Antenna 1: 17.20dBm (Conducted)
Type of Modulation:	QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Operation Mode	<input checked="" type="checkbox"/> Master
	<input type="checkbox"/> Client with radar detection
	<input type="checkbox"/> Client without radar detection
Communication Mode	<input checked="" type="checkbox"/> IP Based(Load Based) <input type="checkbox"/> Frame Based
Weather Band(5600~5650MHz)	<input type="checkbox"/> With 5600~5650MHz <input checked="" type="checkbox"/> Without 5600~5650MHz
Type of Antenna:	FPC Antenna
Antenna Gain:	5.88dBi
<i>Note The Antenna Gain is provided by the customer and can affect the validity of results.</i>	

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 Ferrite
DC Cable	0.6	Unshielded	Without Ferrite
Network Cable	1.1	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
Notebook	Lenovo	TianYi 100-14IBD	PF0F4ABV

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 = 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:

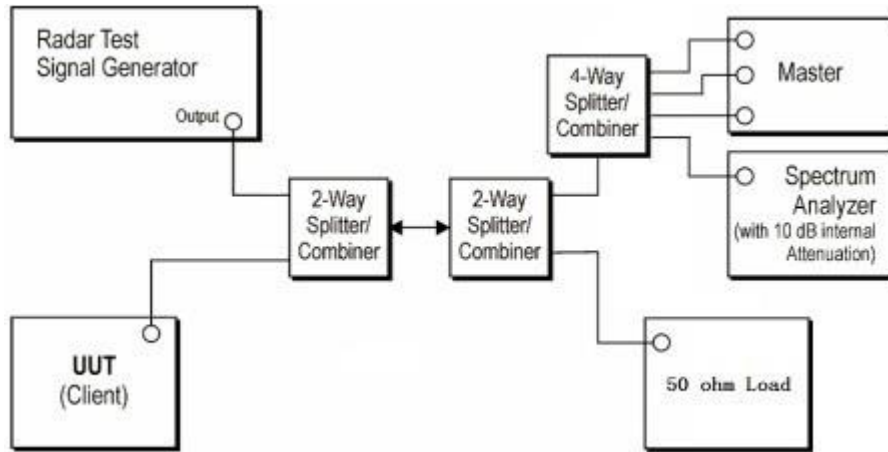
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until 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

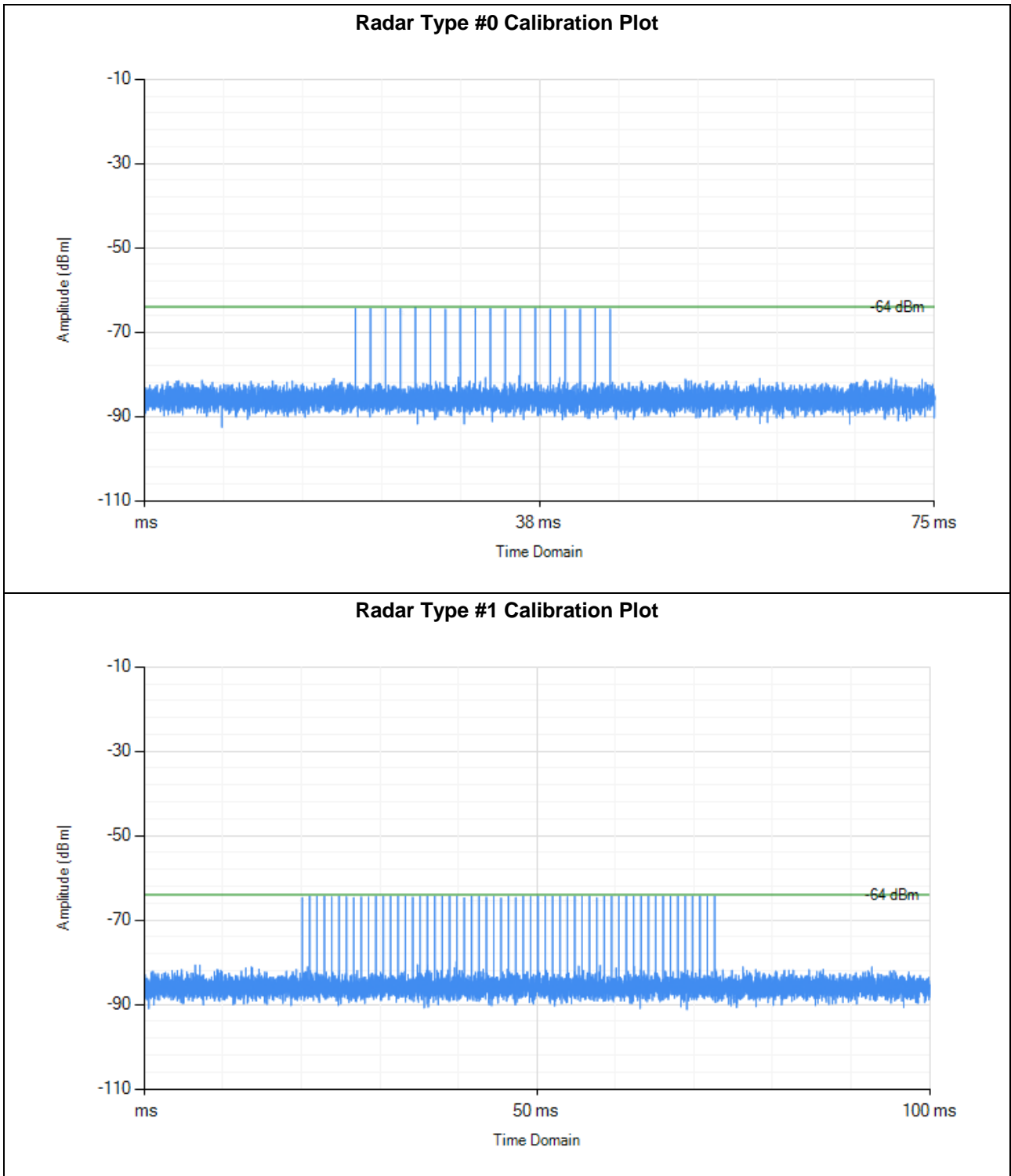
- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ that had been taken into account the output power range 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.

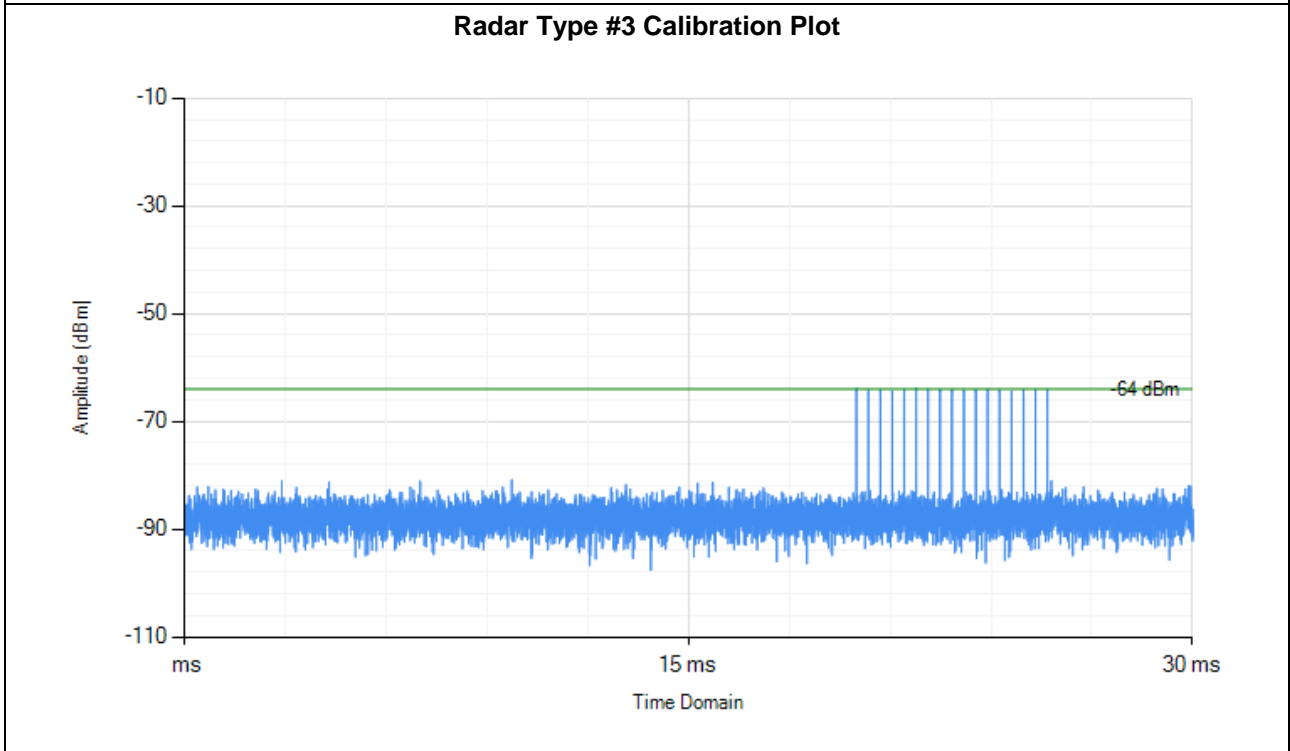
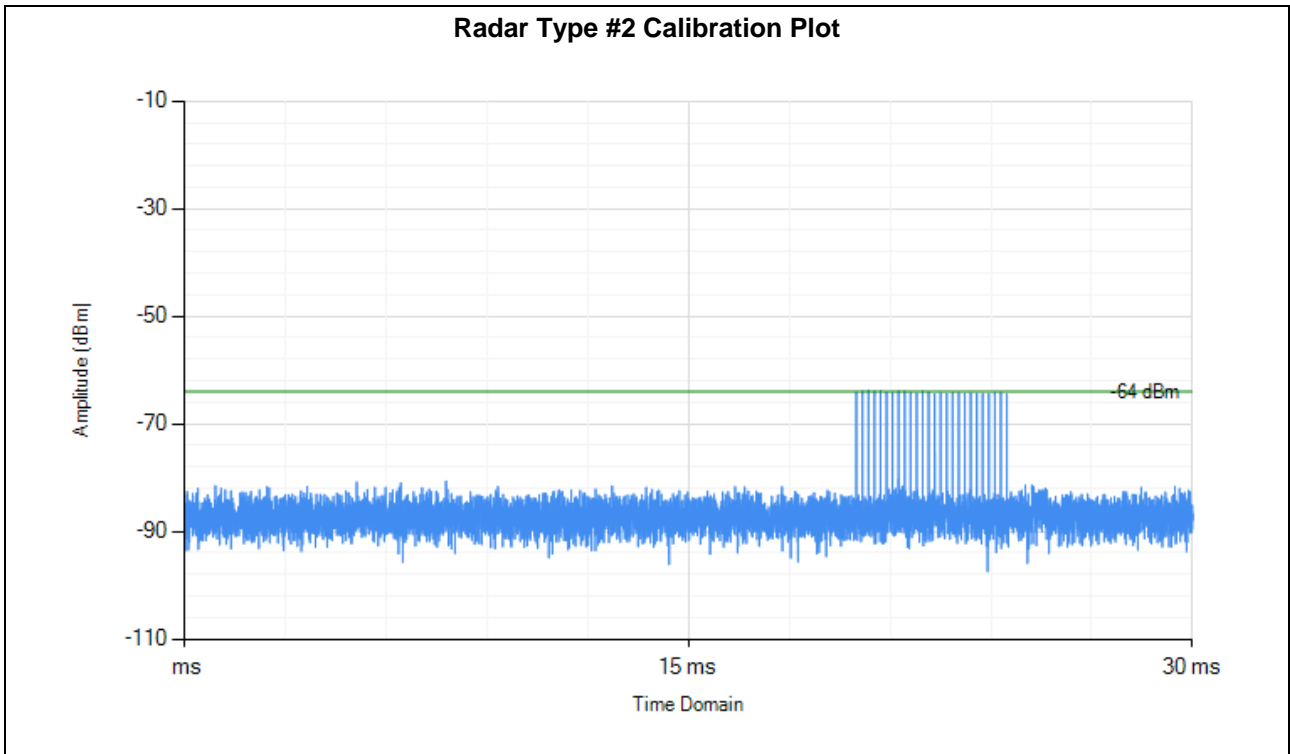
Conducted Calibration Setup

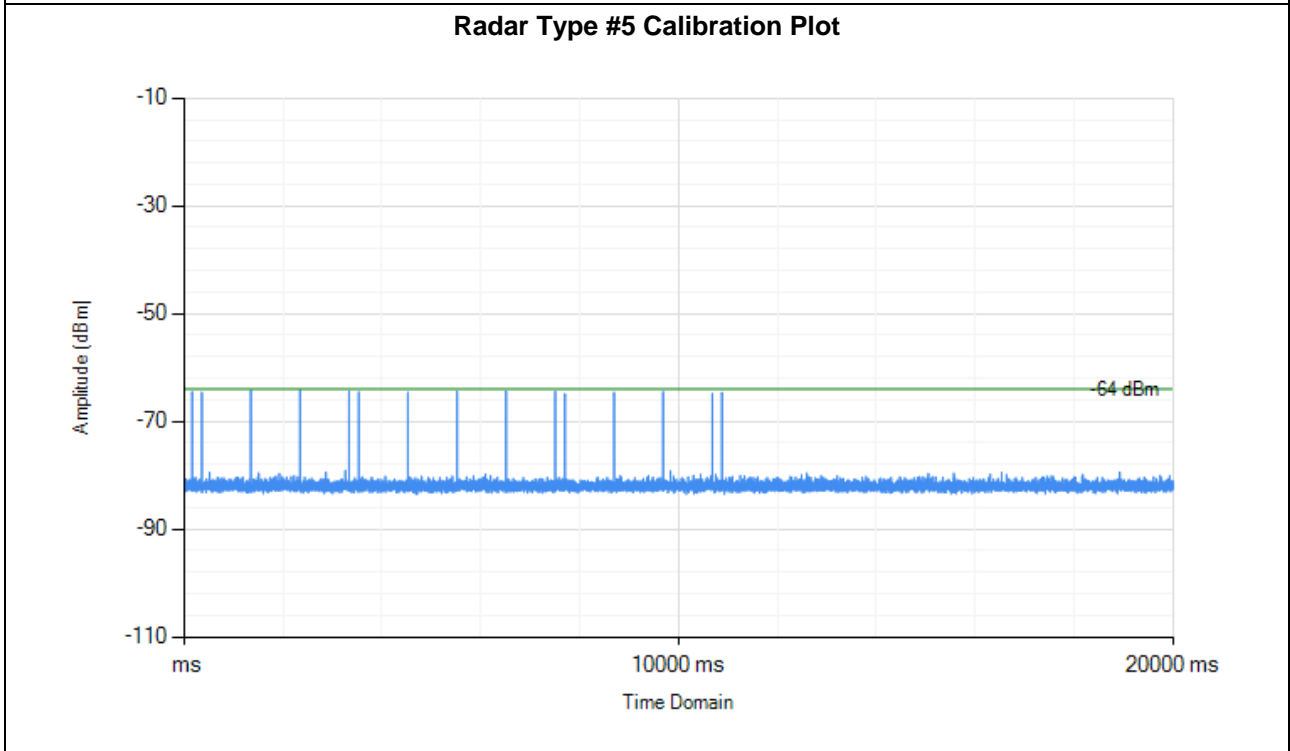
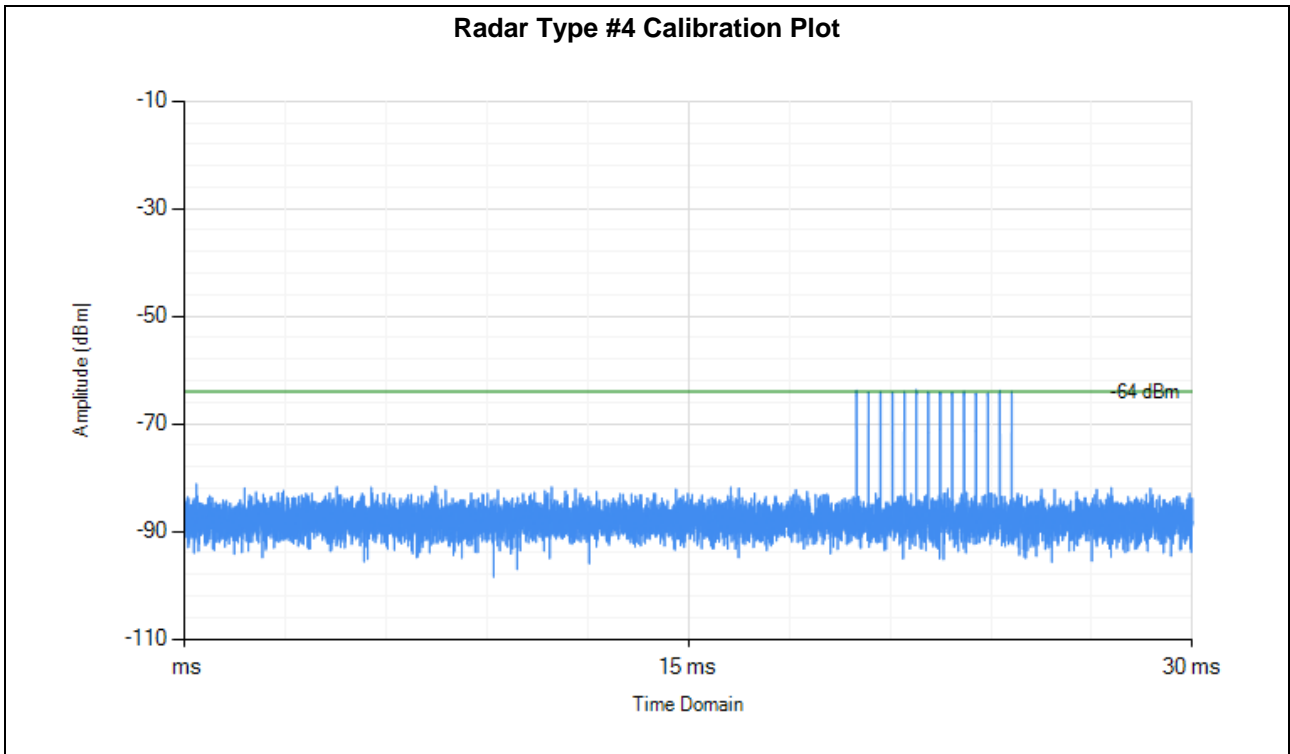


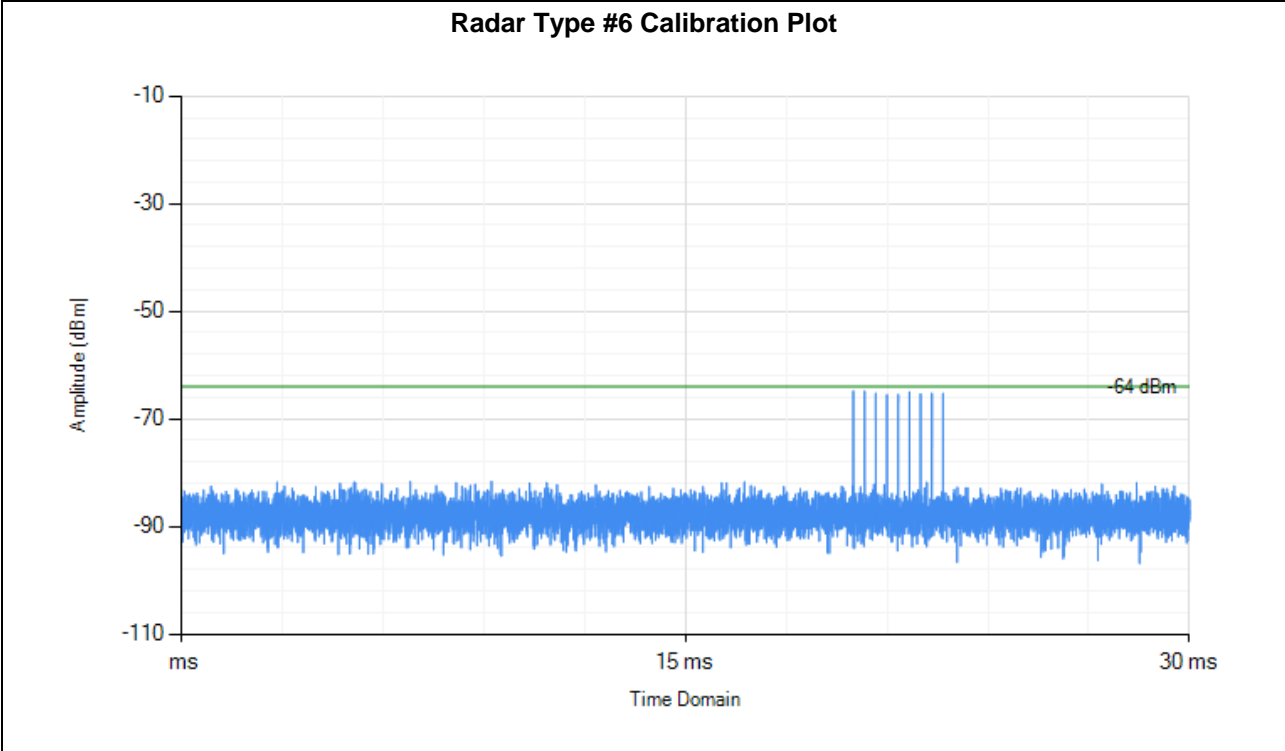
Radar Waveform Calibration Result

Test Mode: Band 2

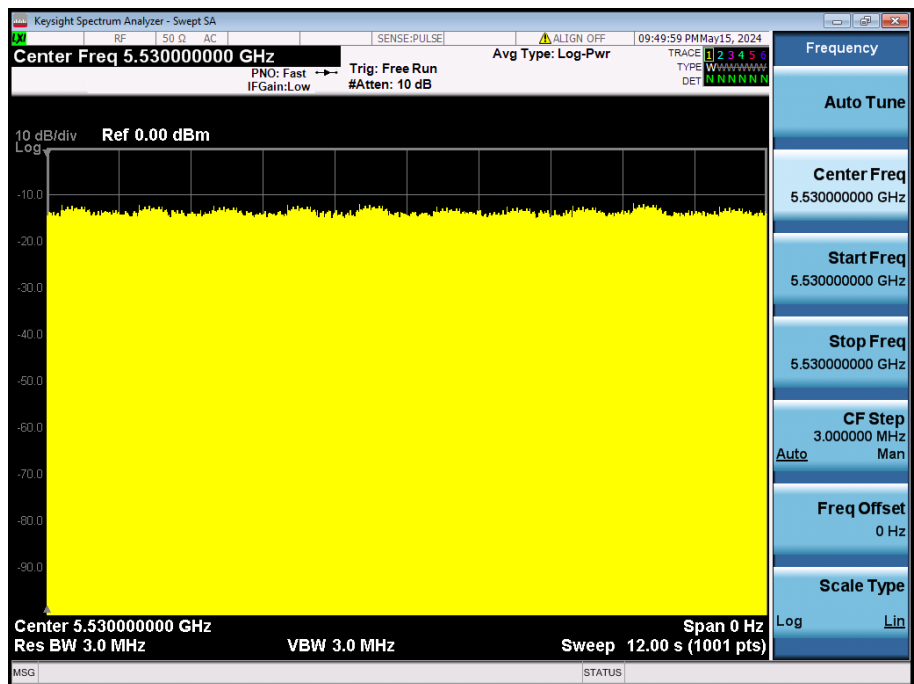
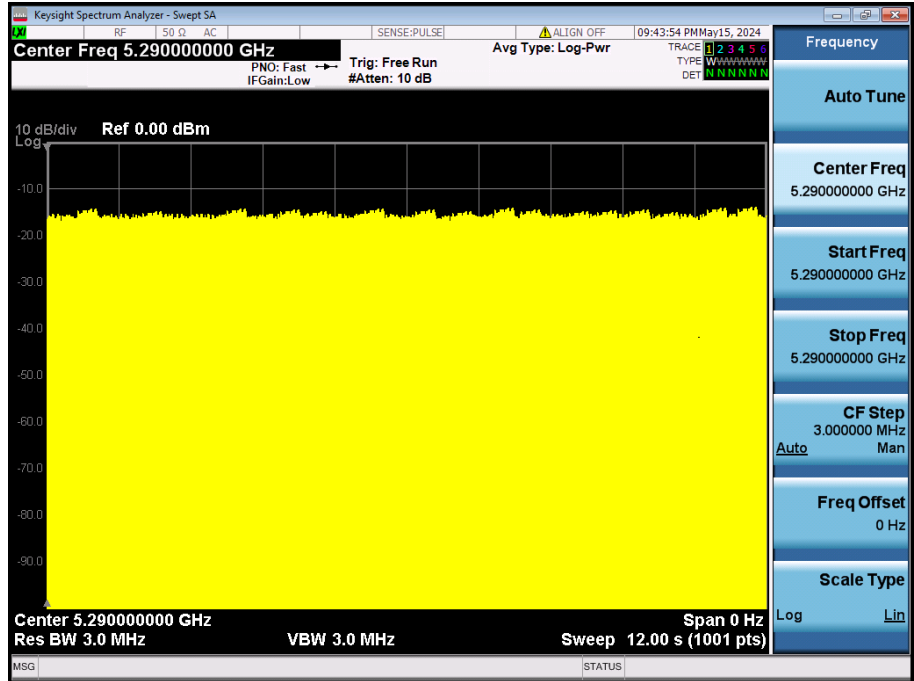




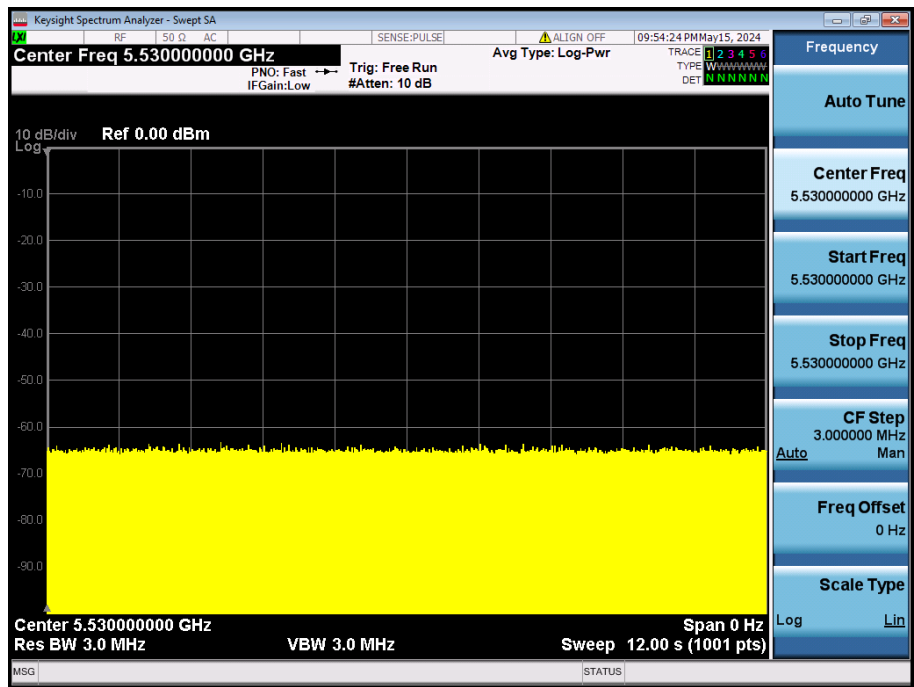
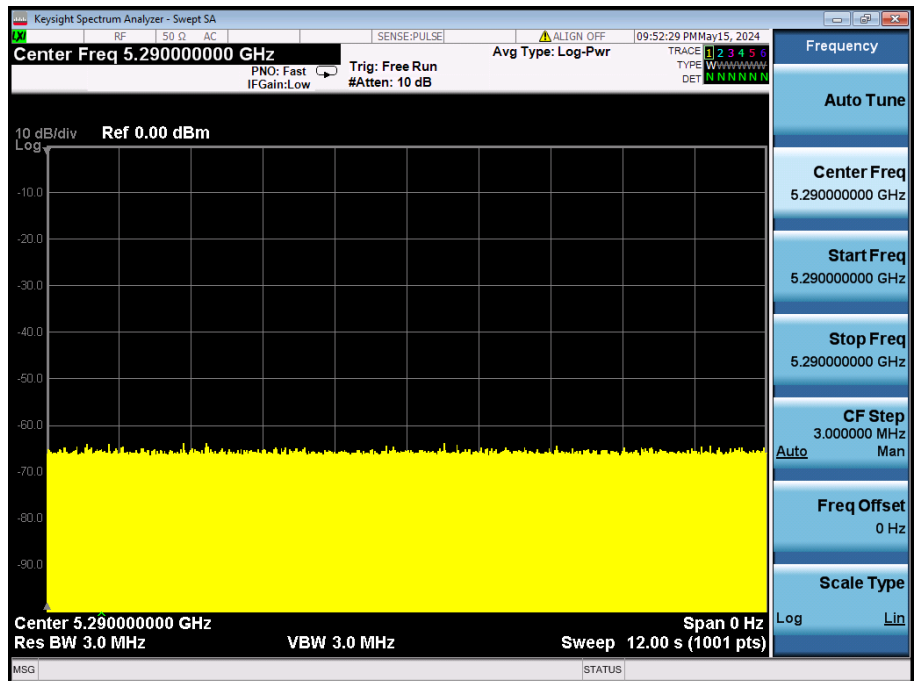




EUT Data traffic Plot

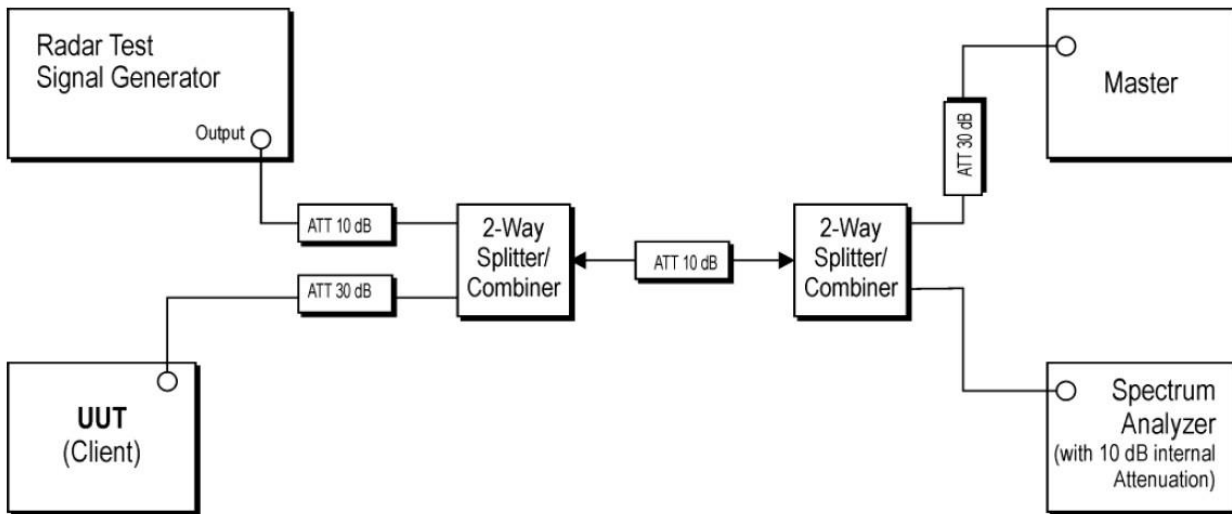


Without Data Traffic Plot



TEST CONFIGURATION

Setup for Client with injection at the Master



3.4 TEST PROCEDURE

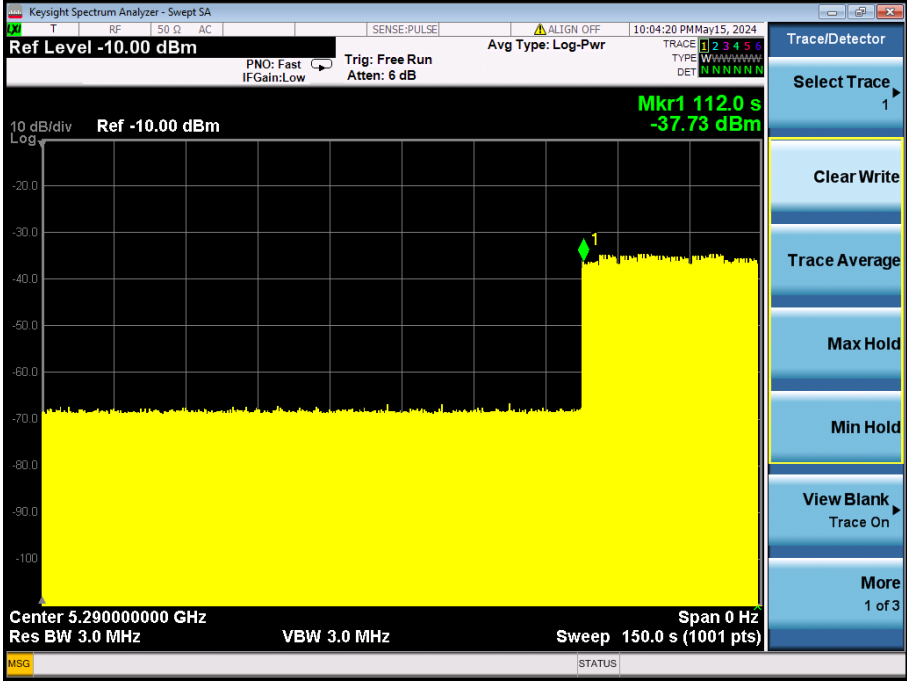
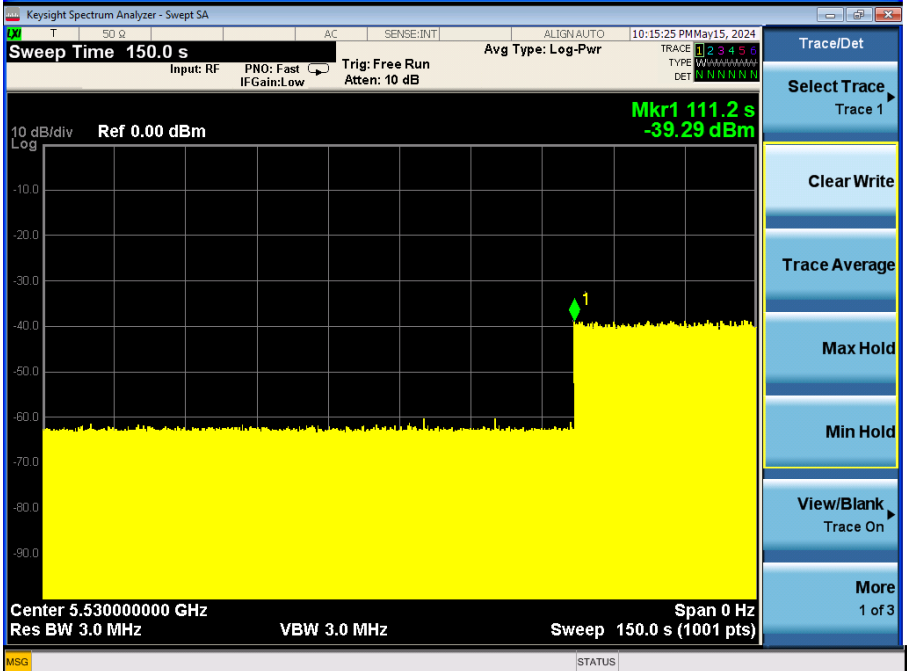
1. The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -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.

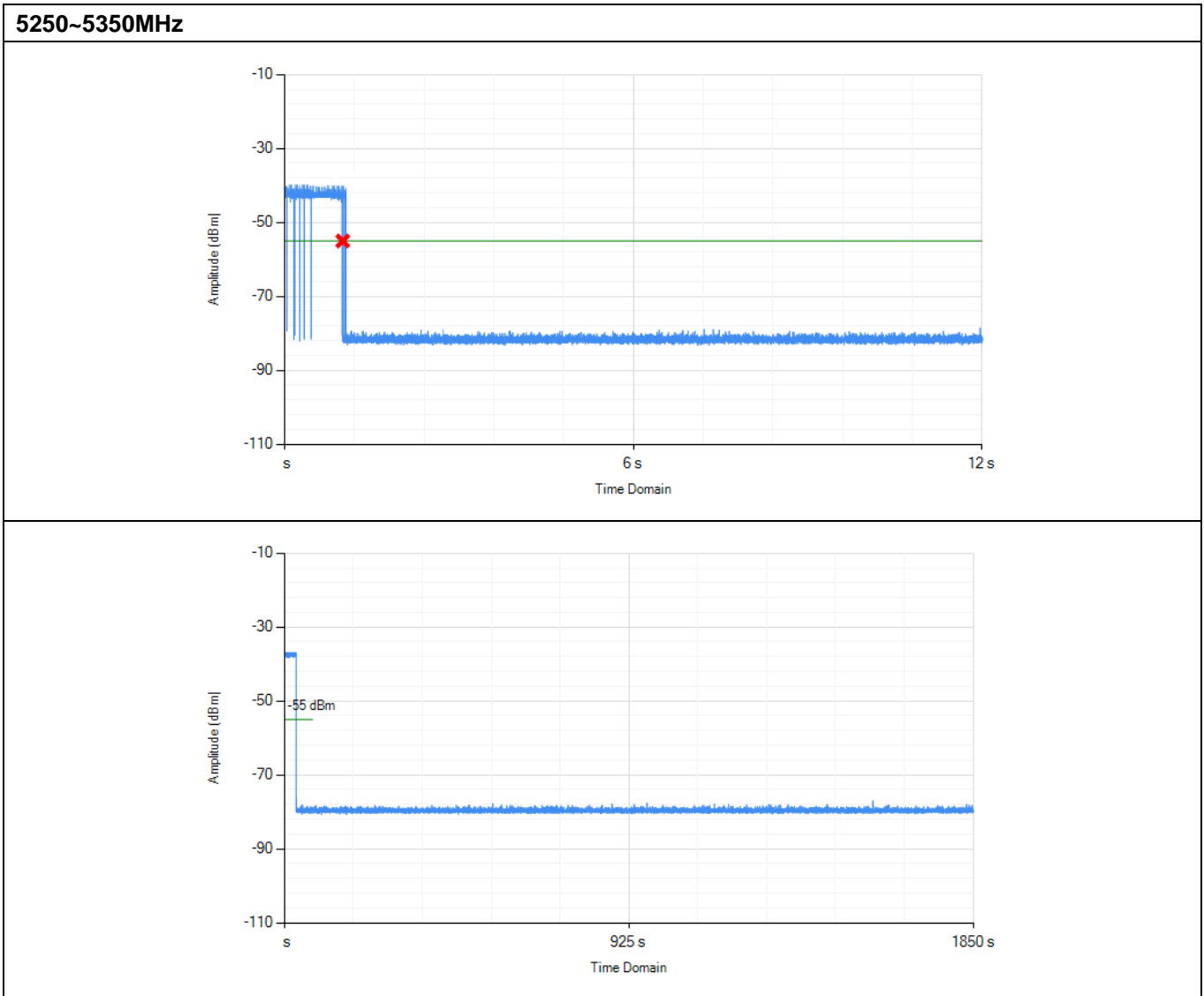
3.5 TEST RESULTS

Initial Channel Availability Check Time:

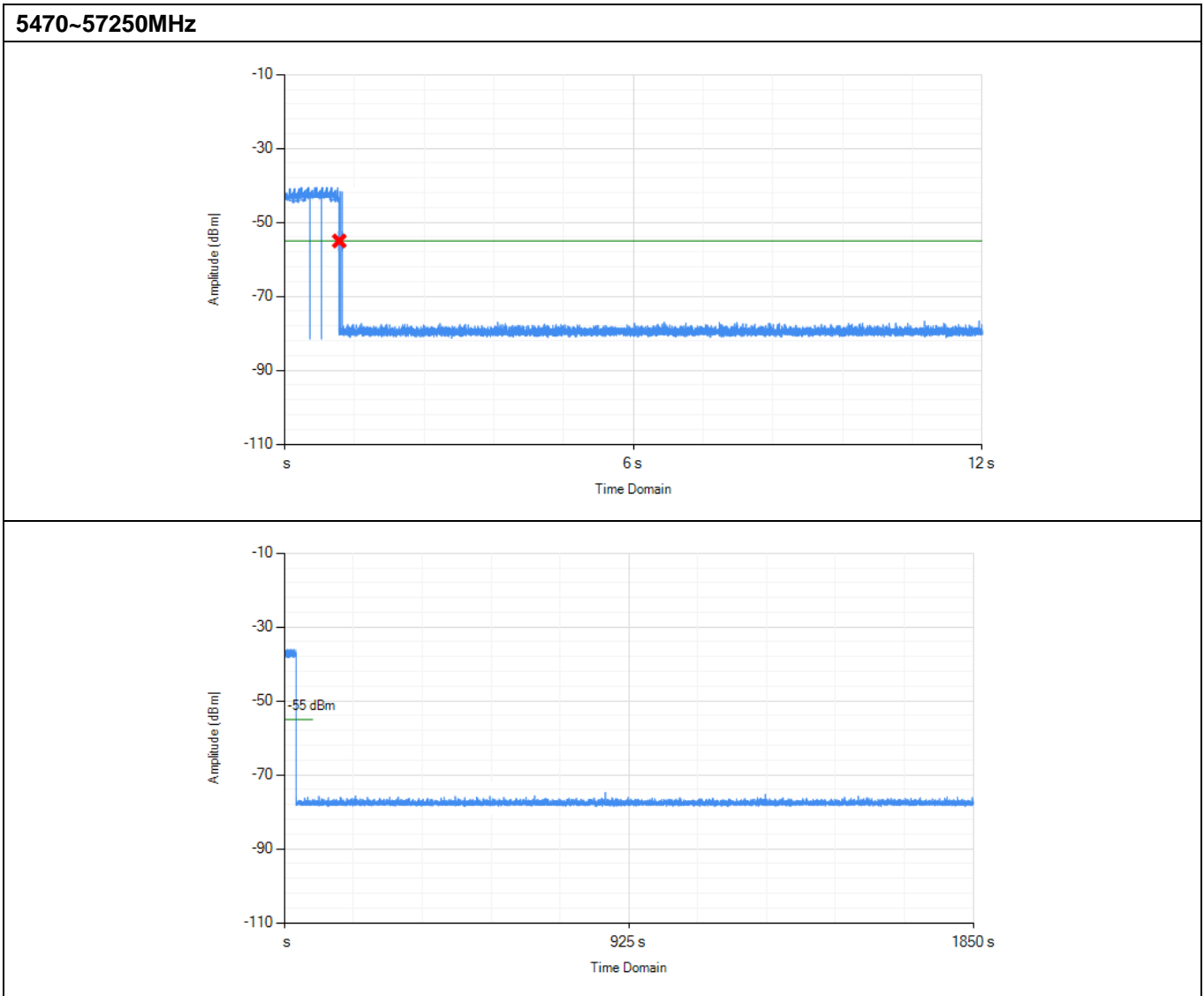
5250~5350MHz					
<p>802.11ax(HE80) 5290MHz</p>					
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Power Up Time(T1) (s)</td> <td style="width: 50%;">50.0s</td> </tr> <tr> <td>Channel transmissions start time(s)</td> <td>112.0s</td> </tr> </table>	Power Up Time(T1) (s)	50.0s	Channel transmissions start time(s)	112.0s
Power Up Time(T1) (s)	50.0s				
Channel transmissions start time(s)	112.0s				
5470~5725MHz					
<p>802.11ax(HE80) 5530MHz</p>					
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Power Up Time(T1) (s)</td> <td style="width: 50%;">49.3s</td> </tr> <tr> <td>Channel transmissions start time(s)</td> <td>111.4s</td> </tr> </table>	Power Up Time(T1) (s)	49.3s	Channel transmissions start time(s)	111.4s
Power Up Time(T1) (s)	49.3s				
Channel transmissions start time(s)	111.4s				

5250~5350MHz		
<p>802.11ax(HE80) 5290MHz</p>		
	<p>Radar burst at the beginning of theChannel Availability Check Timee(s)</p>	<p>51.3s</p>
5470~5725MHz		
<p>802.11ax(HE80) 5530MHz</p>		
	<p>Radar burst at the beginning of theChannel Availability Check Timee(s)</p>	<p>51.3s</p>

5250~5350MHz		
<p>802.11ax(HE80) 5290MHz</p>		
	<p>Radar burst at the end of the ChannelAvailability Check Timee(s)</p>	<p>111.5s</p>
<p>802.11ax(HE80) 5530MHz</p>		
	<p>Radar burst at the end of the ChannelAvailability Check Timee(s)</p>	<p>113.4s</p>



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5290MHz	Channel Move Time(s)	0.95s	<10s	Complied
	Channel Closing Transmission Time(ms)	17ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5530MHz	Channel Move Time(s)	0.78s	<10s	Complied
	Channel Closing Transmission Time(ms)	11ms	<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	/
<p>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).</p> <p>Note 2: Detection Bandwidth= FH-FL=5269.7MHz-5250.3MHz=19.4MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.</p>						

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	/
<p>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).</p> <p>Note 2: Detection Bandwidth= FH-FL=5290MHz-5251MHz=39MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.</p>						

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	/
<p>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).</p> <p>Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.</p>						

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	/
<p>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).</p> <p>Note 2: Detection Bandwidth= FH-FL=5269.7MHz-5250.3MHz=19.4MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 19.20MHzx100%=19.20MHz.</p>						

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	/
<p>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).</p> <p>Note 2: Detection Bandwidth= FH-FL=5290MHz-5251MHz=39MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 37.76MHzx100%=37.76MHz.</p>						

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	/
<p>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).</p> <p>Note 2: Detection Bandwidth=FH-FL=5329.7MHz-5250.3MHz=79.4MHz</p> <p>Note 3: NII Detection Bandwidth Min.Limit (MHz): 79.36MHzx100%=79.36MHz.</p>						

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	0
12	5260	12	1355	738	1
13	5261	11	1392.8	718	1
14	5262	14	1285.3	778	1
15	5263	15	1253.1	798	1
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	0
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	1
28	5255	-	328.1	3048	1
29	5256	-	427.4	2340	1
30	5257	-	801.3	1248	0
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	2	171	27	1
2	5272	2	210	28	1
3	5295	4	219	25	1
4	5318	3	213	23	1
5	5269	1	161	24	1
6	5308	2	170	24	1
7	5314	5	154	28	0
8	5284	5	222	23	1
9	5255	3	157	28	1
10	5283	1	188	24	1
11	5254	5	229	23	1
12	5267	5	216	26	0
13	5252	1	165	28	1
14	5321	3	156	23	1
15	5279	1	225	24	1
16	5250	5	192	23	1
17	5287	5	206	24	1
18	5295	2	216	28	1
19	5263	5	219	28	1
20	5274	2	218	23	1
21	5285	2	222	27	1
22	5272	4	165	25	1
23	5253	5	193	28	1
24	5310	5	159	29	1
25	5255	4	178	28	0
26	5255	1	224	27	1
27	5309	4	180	24	1
28	5326	3	190	28	1
29	5329	2	222	24	1
30	5317	4	195	26	1
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	5216	6	255	17	1
2	5250	7	466	16	1
3	5248	6	498	16	0
4	5283	6	337	18	1
5	5243	7	372	16	1
6	5231	8	279	16	1
7	5223	6	227	18	1
8	5246	9	323	17	1
9	5222	6	346	17	1
10	5259	8	262	16	1
11	5252	9	437	16	1
12	5212	8	389	18	0
13	5239	8	459	17	1
14	5221	9	438	17	1
15	5219	10	231	17	1
16	5275	9	379	17	1
17	5218	8	482	17	1
18	5256	9	221	16	1
19	5268	8	355	17	1
20	5267	6	395	17	1
21	5251	8	397	17	1
22	5277	7	458	18	1
23	5269	9	432	17	1
24	5227	7	248	18	1
25	5221	8	208	18	1
26	5248	7	453	16	1
27	5238	6	316	18	1
28	5273	7	247	18	0
29	5267	8	226	17	1
30	5255	7	245	18	1
Detection Percentage (%)					90.00
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	5272	20	202	16	1
2	5289	17	262	15	1
3	5265	14	494	13	1
4	5280	16	318	13	0
5	5269	15	346	12	1
6	5252	15	462	14	1
7	5276	11	217	14	1
8	5266	20	348	16	1
9	5272	13	259	16	1
10	5286	19	500	16	1
11	5258	14	394	15	1
12	5283	12	219	14	1
13	5252	12	220	14	1
14	5251	17	456	15	1
15	5256	16	361	15	1
16	5267	16	298	12	1
17	5288	12	376	15	1
18	5265	16	369	15	1
19	5259	18	393	16	1
20	5279	20	279	14	1
21	5257	20	236	12	0
22	5289	13	445	16	1
23	5285	12	358	15	1
24	5254	18	463	16	1
25	5251	15	296	15	1
26	5282	12	444	15	1
27	5250	12	350	16	1
28	5258	15	306	14	1
29	5287	14	334	13	1
30	5282	15	442	14	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	86.67
2	90.00
3	90.00
4	93.33
Aggregate(Radar Types 1-4)	90.00
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	16	2	79	7	1724	1575	772	1
2	5278	9	1	76	17	1508	1458	344	1
3	5253	17	2	61	8	1119	1216	132	1
4	5286	14	2	73	7	1656	1391	416	1
5	5269	12	1	52	20	--	1047	510	0
6	5287	18	1	64	6	1981	1675	934	1
7	5282	19	3	53	10	1444	1345	414	1
8	5283	11	2	78	8	--	--	400	1
9	5276	16	3	68	15	1749	1594	520	1
10	5259	8	1	90	8	1638	1751	674	1
11	5262	13	3	66	5	1025	1516	727	1
12	5272	8	1	80	17	1681	1382	374	1
13	5289	14	1	52	9	1898	1446	951	1
14	5273	19	2	57	8	1652	1494	927	1
15	5290	12	2	54	16	1166	1967	995	0
16	5250	18	3	59	17	1869	1107	684	1
17	5286	14	1	81	20	1819	1570	843	1
18	5262	19	1	68	19	1393	1173	536	1
19	5288	19	2	85	7	1463	--	765	1
20	5289	10	3	65	14	1210	1066	947	1
21	5256	19	2	93	17	1008	1370	311	1
22	5263	14	2	63	17	1852	1010	899	1
23	5250	9	2	92	16	1899	1982	930	0
24	5284	12	1	99	7	1405	1864	683	1
25	5262	10	3	93	15	1155	1469	778	1
26	5260	20	2	57	9	1245	1488	93	1
27	5268	16	1	94	12	--	--	57	1
28	5284	10	1	96	13	1940	1651	634	1
29	5251	13	2	100	17	1667	1000	760	0
30	5279	14	1	69	19	1035	1266	681	1
Detection Percentage (%)									86.66
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	0
3	5260	9	1	333	1
4	5260	9	1	333	1
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	1
25	5260	9	1	333	1
26	5260	9	1	333	0
27	5260	9	1	333	1
28	5260	9	1	333	1
29	5260	9	1	333	1
30	5260	9	1	333	1
Detection Percentage (%)					90.00
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	0
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	1
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	0
15	5290	15	1253.1	798	1
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	0
24	5284	-	1692.0	591	1
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	5296	2	181	25	1
2	5310	3	176	24	1
3	5295	3	202	23	1
4	5264	5	177	29	1
5	5324	3	230	29	1
6	5320	2	157	27	0
7	5328	1	177	23	1
8	5326	2	171	27	1
9	5271	4	202	29	1
10	5305	2	208	25	1
11	5314	4	185	29	0
12	5330	3	199	23	1
13	5329	4	172	25	1
14	5319	3	199	24	1
15	5273	3	201	29	1
16	5301	5	195	27	1
17	5307	2	176	24	0
18	5257	3	178	24	1
19	5309	3	203	28	1
20	5265	2	205	25	1
21	5299	4	167	23	1
22	5279	5	226	25	1
23	5301	2	227	28	1
24	5272	5	190	26	1
25	5274	4	225	28	0
26	5290	3	219	27	1
27	5264	1	155	23	1
28	5295	2	204	25	1
29	5302	3	203	23	0
30	5300	1	169	23	1
Detection Percentage (%)					83.33
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	5226	6	202	17	1
2	5252	8	350	17	1
3	5234	8	297	17	1
4	5270	6	491	18	0
5	5242	9	458	17	1
6	5248	8	257	16	1
7	5219	10	311	16	1
8	5251	9	346	18	1
9	5276	8	243	16	1
10	5219	7	432	16	1
11	5264	8	460	17	1
12	5222	9	311	17	1
13	5243	8	297	17	0
14	5290	8	314	16	1
15	5264	10	256	16	1
16	5264	7	494	17	1
17	5229	8	349	16	1
18	5212	7	391	16	1
19	5225	9	319	18	1
20	5219	8	480	16	1
21	5247	9	253	17	1
22	5231	6	391	16	1
23	5262	10	494	16	1
24	5262	7	395	17	1
25	5242	9	368	17	1
26	5252	7	203	17	1
27	5277	7	300	16	1
28	5280	7	500	16	1
29	5214	9	323	16	1
30	5257	10	294	16	1
Detection Percentage (%)					93.33
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	5284	12	398	15	1
2	5258	12	495	16	1
3	5273	13	222	13	1
4	5280	17	388	13	1
5	5259	13	429	13	1
6	5283	11	367	13	1
7	5271	16	337	14	1
8	5289	14	398	12	1
9	5269	12	428	13	0
10	5261	13	440	15	0
11	5251	17	373	12	1
12	5289	18	295	14	1
13	5266	17	365	14	1
14	5268	15	420	14	1
15	5274	16	221	16	1
16	5284	17	414	12	1
17	5286	19	215	16	1
18	5283	18	444	13	0
19	5260	16	298	12	1
20	5275	15	315	12	1
21	5250	20	385	15	1
22	5266	18	361	12	1
23	5276	11	363	12	1
24	5250	13	261	12	1
25	5261	20	272	16	1
26	5267	17	237	15	0
27	5283	15	416	13	1
28	5255	16	222	14	1
29	5266	17	399	15	1
30	5265	19	427	12	1
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	83.33
3	93.33
4	86.67
Aggregate(Radar Types 1-4)	88.33
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	18	1	50	5	1494	1549	831	1
2	5278	20	1	50	20	1352	1574	126	1
3	5253	18	2	99	16	1702	1693	111	1
4	5286	18	1	56	19	1933	1484	227	1
5	5269	9	3	70	9	1526	1274	662	0
6	5287	8	2	64	5	1649	1376	432	1
7	5282	8	3	50	14	1589	1757	972	1
8	5283	13	3	66	15	1939	1363	566	1
9	5276	13	2	53	18	1975	1232	473	1
10	5259	12	3	61	19	1892	1646	461	1
11	5262	17	1	97	14	1810	1105	101	1
12	5272	11	1	90	7	1976	1000	787	1
13	5289	10	1	89	7	1622	1164	248	1
14	5273	9	1	69	9	1522	1760	122	1
15	5290	14	2	68	17	1598	1139	637	0
16	5250	15	2	83	17	1999	1786	731	1
17	5286	10	1	67	6	1638	1663	854	1
18	5262	14	1	53	19	1111	1105	916	1
19	5288	20	1	85	19	1426	1881	492	1
20	5289	18	1	91	9	1809	1474	203	1
21	5256	16	3	74	18	1643	1553	679	1
22	5263	13	1	80	7	1681	1221	269	1
23	5250	11	1	57	11	1914	1329	834	1
24	5284	12	1	92	17	1769	1306	743	1
25	5262	11	2	94	14	1539	1220	383	1
26	5260	9	2	96	14	1015	1293	177	1
27	5268	19	2	56	10	1184	1516	710	1
28	5284	15	3	99	6	1178	1766	281	1
29	5251	11	2	73	9	1479	1174	60	1
30	5279	11	3	87	12	1701	1628	464	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	1
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	1
11	5270	9	1	333	1
12	5270	9	1	333	1
13	5270	9	1	333	0
14	5270	9	1	333	1
15	5270	9	1	333	1
16	5270	9	1	333	1
17	5270	9	1	333	1
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	1
28	5270	9	1	333	1
29	5270	9	1	333	1
30	5270	9	1	333	1
Detection Percentage (%)					96.67
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	0
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	0
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	1
15	5274	15	1253.1	798	1
16	5277	13	1319.3	758	1
17	5257	17	1193.3	838	0
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	0
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	0
30	5321	-	801.3	1248	1
Detection Percentage (%)					83.33
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	5311	3	205	29	1
2	5285	3	211	23	1
3	5288	3	210	29	1
4	5303	2	161	28	1
5	5281	5	169	29	1
6	5296	1	188	26	1
7	5294	4	227	26	1
8	5317	3	197	25	1
9	5295	3	192	24	0
10	5312	4	158	28	1
11	5299	5	166	23	1
12	5305	3	201	23	1
13	5282	5	187	28	1
14	5310	3	230	27	1
15	5297	1	187	28	1
16	5315	5	179	28	1
17	5301	2	165	26	1
18	5295	3	158	24	1
19	5270	5	190	28	1
20	5260	1	221	24	1
21	5259	4	228	26	1
22	5265	4	220	29	1
23	5313	1	205	25	1
24	5322	2	210	28	1
25	5278	1	229	25	1
26	5276	4	155	26	0
27	5306	4	202	28	1
28	5316	4	226	28	1
29	5316	5	209	26	1
30	5324	3	220	29	1
Detection Percentage (%)					93.33
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	5257	8	293	17	1
2	5274	9	224	17	1
3	5265	9	260	18	1
4	5225	9	495	17	1
5	5212	9	332	18	1
6	5290	7	230	18	1
7	5286	9	498	18	1
8	5253	10	218	18	1
9	5210	10	468	17	1
10	5232	10	234	16	1
11	5241	10	251	16	1
12	5241	8	398	18	1
13	5229	6	441	16	0
14	5246	8	457	18	1
15	5263	8	301	17	1
16	5247	6	408	17	1
17	5212	9	319	17	1
18	5230	6	467	16	1
19	5216	10	400	16	1
20	5254	10	411	17	1
21	5281	10	398	17	1
22	5248	6	302	16	1
23	5225	10	250	18	1
24	5229	7	363	18	1
25	5258	10	434	18	1
26	5278	7	387	16	1
27	5250	8	214	17	1
28	5283	10	453	18	1
29	5259	10	391	17	1
30	5242	7	488	18	1
Detection Percentage (%)					96.67
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	5264	11	399	15	1
2	5264	19	299	12	1
3	5261	15	357	14	1
4	5288	11	471	12	1
5	5290	14	220	14	1
6	5287	14	225	15	1
7	5264	18	362	12	1
8	5250	18	449	13	1
9	5267	16	284	14	1
10	5288	20	256	16	1
11	5253	17	348	14	0
12	5279	11	430	14	1
13	5260	14	381	12	1
14	5256	13	401	14	1
15	5265	12	299	14	1
16	5254	20	379	16	1
17	5251	13	207	13	0
18	5281	20	351	16	1
19	5289	11	295	15	1
20	5264	15	455	16	1
21	5269	19	465	14	1
22	5270	12	433	15	1
23	5287	20	203	14	1
24	5251	20	494	15	1
25	5276	14	208	16	0
26	5290	19	223	14	1
27	5275	15	310	12	1
28	5263	18	302	14	1
29	5284	16	461	16	1
30	5289	17	482	12	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	83.33
2	93.33
3	96.67
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	82	10	1654	1607	191	1
2	5278	12	2	65	19	1440	1908	507	0
3	5253	15	3	97	9	--	1109	247	1
4	5286	11	1	61	7	1912	1162	775	1
5	5269	18	1	91	10	1364	1538	105	1
6	5287	13	1	85	12	1965	1435	506	1
7	5282	12	1	53	9	1572	1445	457	1
8	5283	16	3	95	14	1040	1196	377	1
9	5276	18	1	74	14	1644	1030	551	1
10	5259	11	3	89	15	1159	--	121	1
11	5262	18	1	60	15	1440	1919	974	1
12	5272	18	2	71	7	1719	1272	305	1
13	5289	10	3	54	5	1752	1018	402	0
14	5273	14	2	99	8	1615	1564	332	1
15	5290	10	1	81	12	1077	1094	711	1
16	5250	19	2	99	15	1798	1928	51	1
17	5286	18	1	75	17	1802	1766	354	1
18	5262	11	1	60	13	1612	1295	676	1
19	5288	8	1	82	9	1946	1973	904	1
20	5289	10	2	67	7	--	--	145	0
21	5256	14	1	73	10	1693	1085	51	1
22	5263	13	3	66	11	1825	1721	394	1
23	5250	14	3	60	18	1146	1072	851	1
24	5284	18	1	95	20	1487	--	111	1
25	5262	8	1	69	15	1983	1034	712	1
26	5260	13	3	62	11	1224	1742	7	1
27	5268	9	3	84	13	1774	1841	501	1
28	5284	20	1	100	15	1339	1513	196	1
29	5251	17	1	58	14	--	1515	531	1
30	5279	13	2	64	9	1655	1973	833	0
Detection Percentage (%)									86.67
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	1
14	5290	9	1	333	0
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	0
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	1
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	0
17	5494	17	1193.3	838	1
18	5509	18	1165.6	858	1
19	5508	19	1139	878	1
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	0
28	5494	-	328.1	3048	1
29	5501	-	427.4	2340	1
30	5510	-	801.3	1248	1
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	5286	4	204	25	1
2	5296	5	190	24	1
3	5256	1	187	29	1
4	5330	2	202	26	0
5	5291	4	167	29	1
6	5305	5	175	28	1
7	5317	4	197	24	1
8	5313	3	196	29	1
9	5271	4	193	25	1
10	5257	5	200	26	1
11	5295	5	220	26	1
12	5303	1	206	24	1
13	5256	1	192	26	1
14	5313	4	182	24	1
15	5305	2	183	26	1
16	5253	5	152	23	1
17	5253	2	151	23	1
18	5274	3	166	26	1
19	5326	3	169	24	1
20	5314	4	220	24	1
21	5279	5	230	28	1
22	5290	3	156	27	1
23	5296	5	173	24	1
24	5280	2	156	29	1
25	5320	2	184	26	1
26	5308	5	183	23	1
27	5312	4	161	25	1
28	5286	4	201	26	1
29	5252	4	164	23	1
30	5293	4	162	23	1
Detection Percentage (%)					96.67
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	5261	10	353	17	1
2	5218	8	252	17	0
3	5240	9	475	16	1
4	5259	7	366	17	1
5	5278	9	420	16	1
6	5239	6	323	18	1
7	5262	10	233	16	1
8	5210	6	475	17	1
9	5239	10	381	16	1
10	5250	6	406	18	1
11	5281	6	343	18	1
12	5223	7	286	18	1
13	5240	8	418	18	1
14	5286	7	206	18	1
15	5276	10	352	16	1
16	5212	6	337	17	1
17	5230	10	254	17	1
18	5235	7	420	16	0
19	5221	6	238	16	1
20	5260	6	294	18	1
21	5259	9	252	18	1
22	5274	7	400	18	1
23	5231	6	370	18	1
24	5288	9	445	16	1
25	5275	10	322	16	1
26	5248	9	469	17	1
27	5234	10	254	16	1
28	5271	8	247	17	1
29	5230	8	386	17	1
30	5274	6	447	16	1
Detection Percentage (%)					93.33
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	5253	14	498	15	1
2	5284	12	385	12	1
3	5283	16	378	15	1
4	5260	18	363	12	1
5	5278	13	346	14	0
6	5269	17	350	13	1
7	5275	19	347	12	1
8	5273	12	403	12	1
9	5267	18	310	12	1
10	5283	15	443	16	1
11	5274	19	419	16	0
12	5286	12	395	13	1
13	5252	19	334	16	1
14	5254	15	379	16	1
15	5284	13	427	15	1
16	5268	12	382	12	1
17	5274	11	298	14	1
18	5267	20	337	16	1
19	5286	17	471	15	0
20	5259	12	402	16	1
21	5270	20	454	12	1
22	5285	15	429	15	1
23	5254	11	253	15	1
24	5260	18	481	14	1
25	5268	18	366	13	1
26	5267	17	222	12	1
27	5270	14	325	13	1
28	5280	17	497	16	1
29	5278	20	317	12	1
30	5251	18	297	16	0
Detection Percentage (%)					86.67
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	96.67
3	93.33
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-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	16	2	85	6	1114	1819	312	1
2	5278	18	1	98	6	1244	1597	61	1
3	5253	14	2	53	16	1445	1393	653	1
4	5286	9	2	63	12	1253	1278	407	1
5	5269	16	3	70	12	1354	1655	372	1
6	5287	10	2	85	18	1440	1813	750	1
7	5282	18	1	88	12	1481	1849	438	1
8	5283	11	3	51	7	--	1900	257	1
9	5276	12	3	74	18	1451	1552	945	1
10	5259	11	3	89	9	1957	1559	718	1
11	5262	19	2	52	10	1108	1859	235	1
12	5272	16	1	95	17	1969	1612	173	1
13	5289	18	1	97	10	1617	1477	355	1
14	5273	14	1	56	6	1913	1616	155	1
15	5290	10	2	74	10	1322	--	621	1
16	5250	13	3	81	10	1824	1606	580	1
17	5286	12	3	83	15	1083	1204	864	1
18	5262	17	2	61	9	1756	1567	682	1
19	5288	16	3	58	17	1830	1061	406	1
20	5289	10	3	69	8	--	1515	693	1
21	5256	18	2	55	19	1482	1778	163	1
22	5263	14	3	76	18	1441	1730	548	1
23	5250	19	1	79	15	1299	1418	802	1
24	5284	19	3	62	6	1371	--	781	1
25	5262	9	3	71	6	1267	1895	980	1
26	5260	14	1	64	15	1356	1360	705	1
27	5268	15	1	52	6	1616	1413	163	1
28	5284	13	3	76	10	--	1846	834	1
29	5251	11	2	72	9	1584	1367	118	1
30	5279	12	3	76	9	1557	--	163	1
Detection Percentage (%)									100
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	1
3	5506	9	1	333	1
4	5497	9	1	333	1
5	5491	9	1	333	0
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	1
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	1
29	5501	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-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	0
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	1
12	5504	12	1355	738	0
13	5500	11	1392.8	718	1
14	5529	14	1285.3	778	1
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	0
24	5528	-	1692.0	591	1
25	5517	-	881.8	1134	1
26	5521	-	517.6	1932	0
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 (%)					86.67
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	5271	3	210	25	1
2	5275	5	155	27	0
3	5319	2	153	25	1
4	5267	2	218	28	1
5	5289	4	202	26	1
6	5330	3	183	28	0
7	5276	1	159	25	1
8	5312	4	185	28	1
9	5277	1	200	26	1
10	5274	2	210	23	1
11	5307	5	169	23	1
12	5315	3	197	25	1
13	5290	3	203	26	0
14	5280	3	225	26	1
15	5307	1	198	23	1
16	5306	5	190	29	1
17	5263	5	191	23	1
18	5313	4	190	27	1
19	5290	4	187	26	1
20	5316	2	229	25	1
21	5250	5	217	25	1
22	5281	5	199	26	1
23	5288	2	214	25	1
24	5281	3	167	23	1
25	5282	3	211	24	0
26	5252	2	154	26	1
27	5295	1	159	29	1
28	5299	5	164	24	0
29	5296	4	174	24	1
30	5250	4	159	26	1
Detection Percentage (%)					83.33
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	5226	10	226	18	1
2	5262	8	216	17	1
3	5211	9	284	18	1
4	5276	6	476	16	1
5	5235	6	472	16	0
6	5210	10	310	16	1
7	5235	6	208	18	1
8	5212	8	282	16	1
9	5216	10	307	18	1
10	5238	8	393	16	1
11	5270	9	288	16	0
12	5263	10	364	16	1
13	5228	8	428	18	1
14	5242	10	318	18	1
15	5238	6	351	17	1
16	5275	6	410	18	0
17	5229	6	358	17	1
18	5258	6	346	17	1
19	5235	9	239	17	1
20	5260	8	419	18	1
21	5251	6	203	18	1
22	5210	9	433	17	1
23	5237	9	407	16	1
24	5290	9	257	18	1
25	5283	9	294	18	1
26	5243	6	352	18	1
27	5253	10	211	16	0
28	5278	9	272	16	1
29	5279	8	437	16	1
30	5239	6	204	18	1
Detection Percentage (%)					86.67
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	5257	12	384	14	0
2	5252	16	251	13	1
3	5272	18	412	13	1
4	5283	13	385	15	1
5	5277	12	470	14	1
6	5259	14	425	15	1
7	5264	17	220	14	1
8	5273	16	329	15	1
9	5255	12	485	12	1
10	5274	11	237	15	1
11	5276	17	476	16	1
12	5266	16	426	14	1
13	5274	19	349	15	1
14	5275	17	292	14	1
15	5279	16	390	13	1
16	5269	15	492	16	1
17	5285	17	255	16	1
18	5286	13	473	15	0
19	5256	15	339	15	1
20	5278	18	290	15	1
21	5285	13	235	14	1
22	5270	19	430	15	1
23	5257	11	251	16	1
24	5255	18	429	14	1
25	5285	14	475	12	1
26	5259	19	383	14	1
27	5288	12	432	14	1
28	5287	20	418	13	1
29	5280	20	338	13	1
30	5269	12	307	12	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	86.67
2	83.33
3	86.67
4	93.33
Aggregate(Radar Types 1-4)	87.50
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	10	3	57	20	1843	--	391	1
2	5278	11	1	56	16	1335	1019	71	1
3	5253	17	2	64	14	1651	1560	485	1
4	5286	8	2	86	9	--	1270	367	1
5	5269	18	1	77	20	1088	1122	280	0
6	5287	18	3	88	17	1199	1577	643	1
7	5282	11	2	75	16	1841	1334	583	1
8	5283	18	3	61	17	1644	1971	175	1
9	5276	15	2	95	16	1329	1520	61	0
10	5259	18	1	83	16	--	1597	737	1
11	5262	10	3	65	10	1626	1330	956	1
12	5272	15	1	77	17	1499	1146	930	1
13	5289	18	3	75	16	1756	--	51	1
14	5273	10	2	83	12	1496	1381	613	1
15	5290	16	3	51	8	1810	1509	748	1
16	5250	20	1	66	19	1489	1655	513	1
17	5286	11	1	55	8	--	1100	46	1
18	5262	14	3	58	8	1137	1686	56	1
19	5288	12	3	54	8	1443	1486	617	1
20	5289	14	3	87	6	1876	1605	896	0
21	5256	13	2	63	16	1937	1355	84	1
22	5263	12	3	96	12	1090	1460	205	1
23	5250	16	1	68	9	1633	1768	481	1
24	5284	17	1	100	19	1049	1171	783	1
25	5262	9	1	70	16	1661	1337	72	1
26	5260	9	2	59	7	1031	1132	609	1
27	5268	20	1	96	7	1104	1066	522	1
28	5284	12	1	99	14	1085	--	72	1
29	5251	15	1	51	19	1286	1247	472	0
30	5279	10	1	66	13	1337	1813	206	1
Detection Percentage (%)									86.67
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	0
3	5510	9	1	333	1
4	5510	9	1	333	1
5	5510	9	1	333	1
6	5510	9	1	333	1
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	0
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	1
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	1
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	1
14	5539	14	1285.3	778	0
15	5517	15	1253.1	798	0
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	1
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 (%)					93.33
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	5324	1	192	28	1
2	5317	2	230	26	1
3	5289	4	194	29	1
4	5255	2	222	24	1
5	5275	4	161	23	1
6	5314	5	202	23	0
7	5321	5	192	26	1
8	5299	3	167	24	1
9	5292	2	200	27	1
10	5313	1	217	25	1
11	5308	2	222	25	1
12	5311	4	204	25	1
13	5257	2	160	24	1
14	5304	1	227	23	0
15	5264	5	200	23	1
16	5256	4	180	26	1
17	5294	2	198	27	1
18	5263	3	220	28	1
19	5330	5	157	25	1
20	5263	3	160	24	1
21	5306	3	155	26	1
22	5328	5	219	23	0
23	5257	5	215	29	1
24	5307	2	186	26	1
25	5300	5	207	26	1
26	5259	1	222	26	1
27	5329	2	225	25	1
28	5289	3	150	23	1
29	5309	1	223	27	0
30	5262	4	176	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	5233	9	434	17	1
2	5258	10	311	18	1
3	5242	7	212	17	1
4	5223	9	241	16	1
5	5231	9	220	18	1
6	5257	9	492	17	1
7	5270	6	393	16	1
8	5273	10	333	17	1
9	5251	6	440	18	1
10	5284	9	477	18	1
11	5270	6	351	18	0
12	5232	9	204	16	1
13	5266	6	462	16	1
14	5267	6	252	17	1
15	5285	10	376	18	1
16	5248	9	251	17	1
17	5284	10	233	16	1
18	5222	8	350	17	1
19	5286	9	368	16	1
20	5274	7	319	18	0
21	5271	9	352	18	1
22	5261	10	474	18	1
23	5223	10	241	18	1
24	5280	6	456	17	1
25	5274	8	329	17	1
26	5276	10	240	16	0
27	5280	10	361	17	1
28	5281	7	228	17	1
29	5233	8	356	18	1
30	5246	8	235	18	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	5271	19	289	15	1
2	5288	14	485	13	1
3	5265	14	236	14	1
4	5270	17	317	14	1
5	5287	17	474	13	1
6	5251	13	245	14	1
7	5285	19	296	13	1
8	5263	14	498	12	1
9	5275	12	265	14	1
10	5262	19	305	15	1
11	5262	20	477	16	1
12	5283	15	497	12	1
13	5265	13	325	14	1
14	5250	19	495	14	1
15	5279	13	391	12	1
16	5253	12	442	14	1
17	5289	15	397	13	1
18	5286	19	496	12	1
19	5256	14	271	12	1
20	5260	15	389	16	1
21	5268	20	223	15	1
22	5252	15	435	13	1
23	5271	18	354	13	1
24	5253	11	334	13	1
25	5266	13	233	13	1
26	5258	14	498	14	1
27	5265	20	250	15	1
28	5256	13	248	13	1
29	5269	11	359	12	1
30	5267	20	402	15	1
Detection Percentage (%)					100
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101437W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	86.67
3	90.00
4	100
Aggregate(Radar Types 1-4)	92.50
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	8	1	53	7	1195	1776	375	1
2	5278	19	1	56	18	1727	1241	358	0
3	5253	15	1	61	8	1897	1477	358	1
4	5286	19	3	90	17	1388	1392	997	1
5	5269	19	3	99	18	1125	1001	73	1
6	5287	17	3	69	5	1478	1657	773	1
7	5282	11	1	60	6	1904	1847	65	0
8	5283	20	1	98	5	--	--	521	1
9	5276	17	3	55	18	1243	1525	921	1
10	5259	10	2	91	14	1966	1007	980	1
11	5262	13	3	51	5	1395	1808	39	1
12	5272	9	1	79	10	1786	1804	192	1
13	5289	15	3	63	11	1408	1926	447	1
14	5273	11	2	100	13	1370	1702	516	1
15	5290	13	3	51	7	--	--	963	1
16	5250	12	3	54	5	1479	1721	494	0
17	5286	18	3	70	7	1407	1226	200	1
18	5262	11	2	100	13	1561	1145	346	1
19	5288	18	1	56	10	1686	1231	410	1
20	5289	16	3	55	16	1818	1934	92	1
21	5256	15	2	59	17	1640	1641	513	1
22	5263	11	1	95	10	1432	1881	741	1
23	5250	8	1	55	5	1560	1262	764	1
24	5284	17	2	63	9	1653	1357	532	1
25	5262	19	2	78	13	1857	1468	405	1
26	5260	11	2	94	12	1623	--	725	1
27	5268	10	2	73	17	--	1118	982	1
28	5284	9	2	67	5	1068	1270	837	0
29	5251	14	1	69	7	1661	1589	167	0
30	5279	10	2	60	12	1879	1450	728	1
Detection Percentage (%)									83.33
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	1
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	1
8	5530	9	1	333	1
9	5530	9	1	333	1
10	5530	9	1	333	1
11	5530	9	1	333	0
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	1
18	5530	9	1	333	0
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	1
28	5530	9	1	333	1
29	5530	9	1	333	1
30	5530	9	1	333	1
Detection Percentage (%)					93.33
Limit					70%
Test Result					Complied

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS

DFS Test Setup



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