

TEST REPORT

Reference No..... : WTX24X05101436W007
FCC ID : S3K5GCPE1
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 Indoor CPE
Model No..... : TITAN 5000
Standards : FCC Part 15.407
Date of Receipt sample : 2024-05-06
Date of Test..... : 2024-05-06 to 2024-07-03
Date of Issue : 2024-07-04
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.

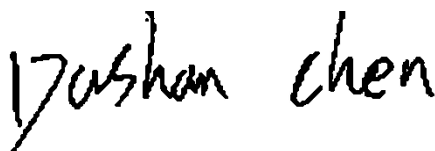
Prepared By:

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

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:



Dashan Chen

Approved by:



Jason Su

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Report version

Version No.	Date of issue	Description
Rev.00	2024-07-04	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	5G Indoor CPE
Trade Name:	Global Telecom, TITAN
Model No.:	TITAN 5000
Adding Model(s):	/
Rated Voltage:	DC12V
Battery Capacity:	/
Power Adapter:	RD1202000 Input:AC100-240 50/60Hz 1.0A Output:DC12V2.0A
<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: 17.15dBm (Conducted) Antenna 1: 16.99dBm (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:	FPC Antenna	
Antenna Gain:	3.95dBi	
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 Ferrite
DC Cable	1.50	Unshielded	Without Ferrite
Network Cable	1.15	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

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

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:

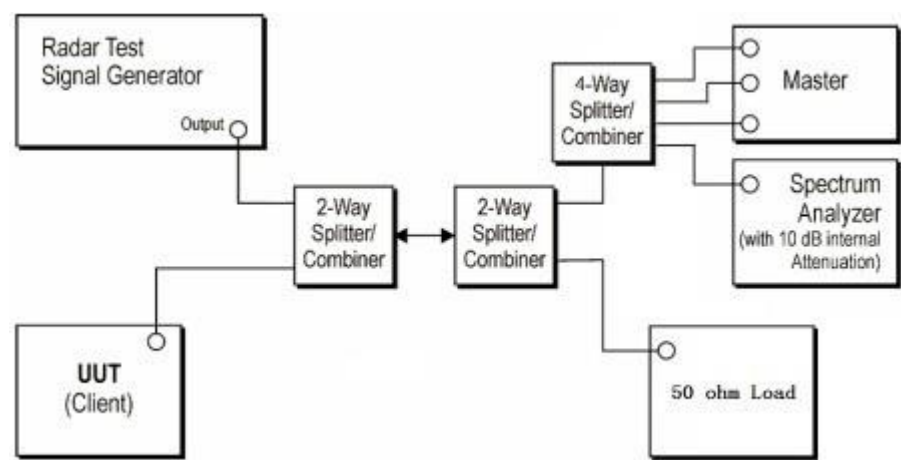
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until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

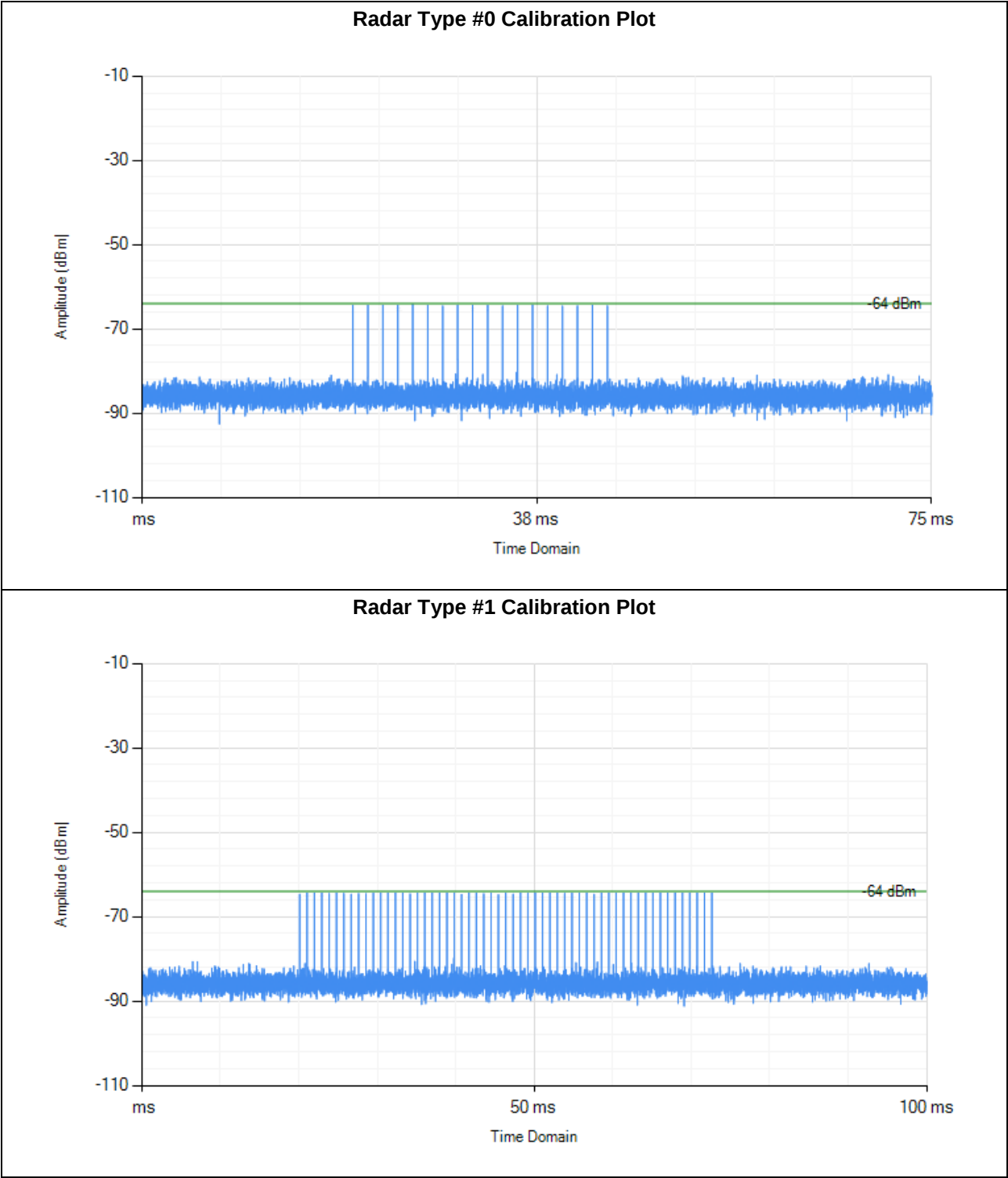
- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is $-62\text{dBm} + 0\text{dBi} + 1\text{dB} = -61\text{dBm}$ that had been taken into account the output power range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

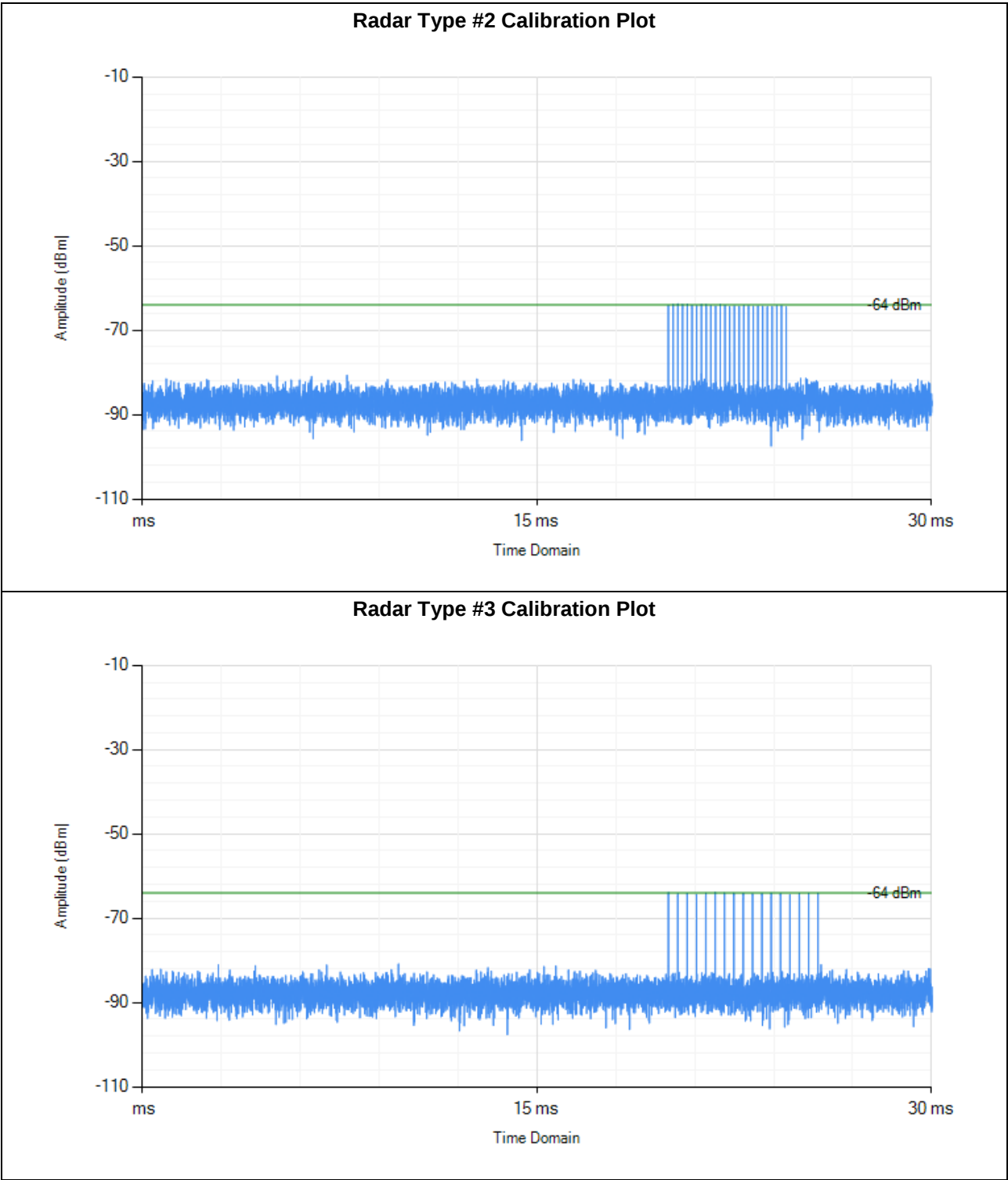
Conducted Calibration Setup

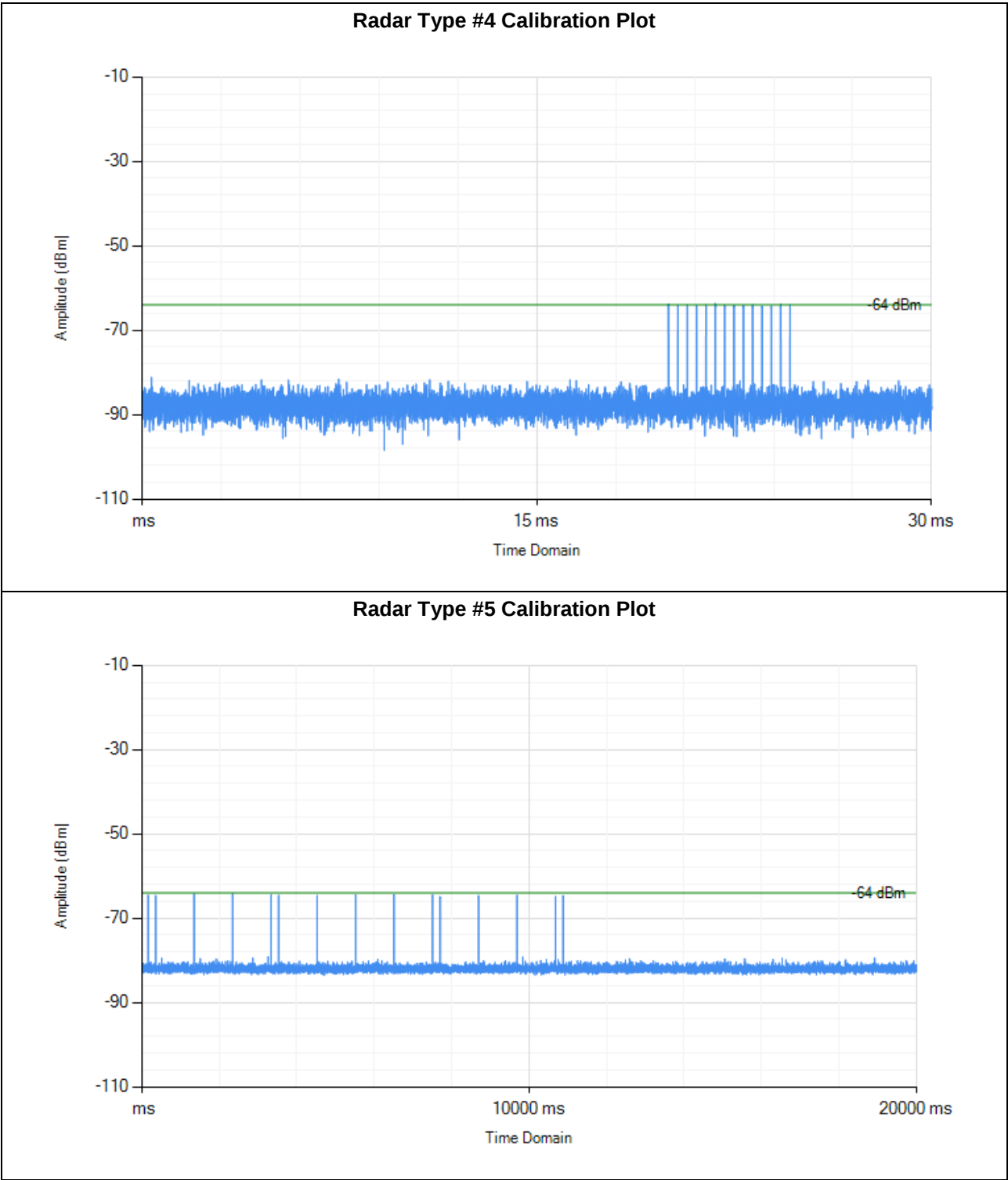


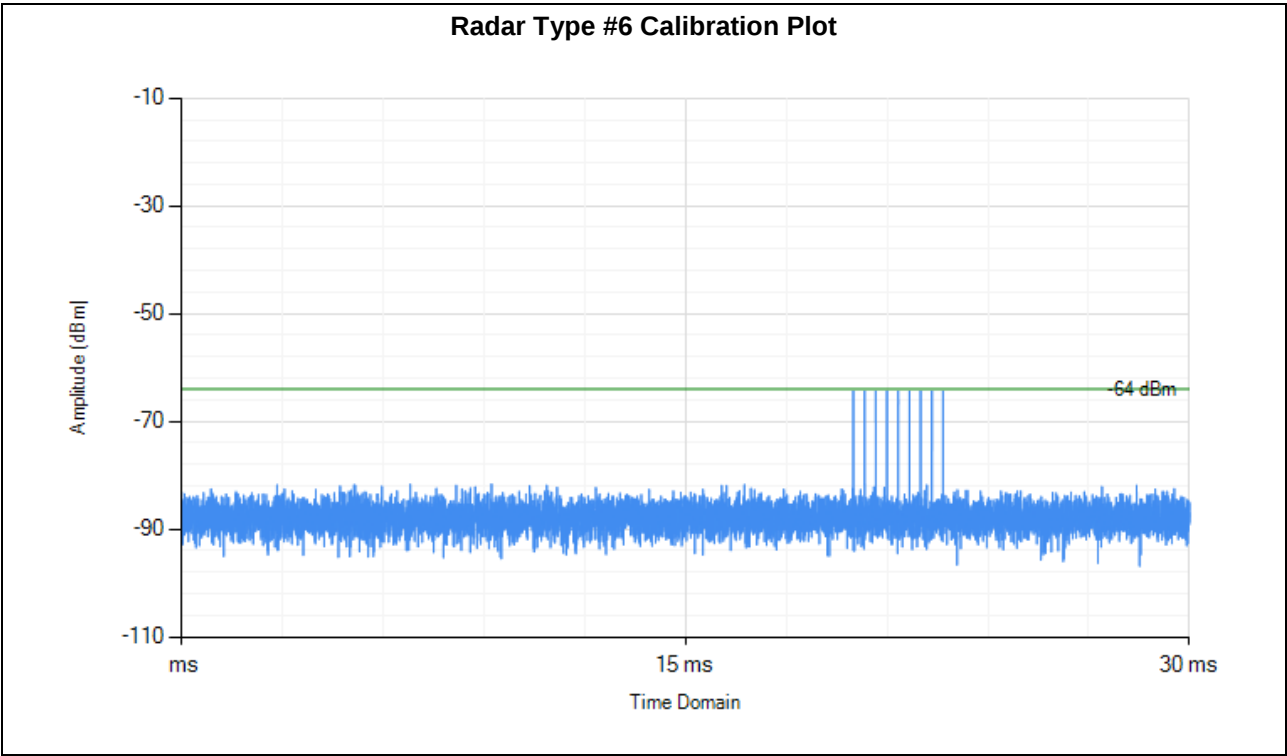
Radar Waveform Calibration Result

Test Mode: Band 2

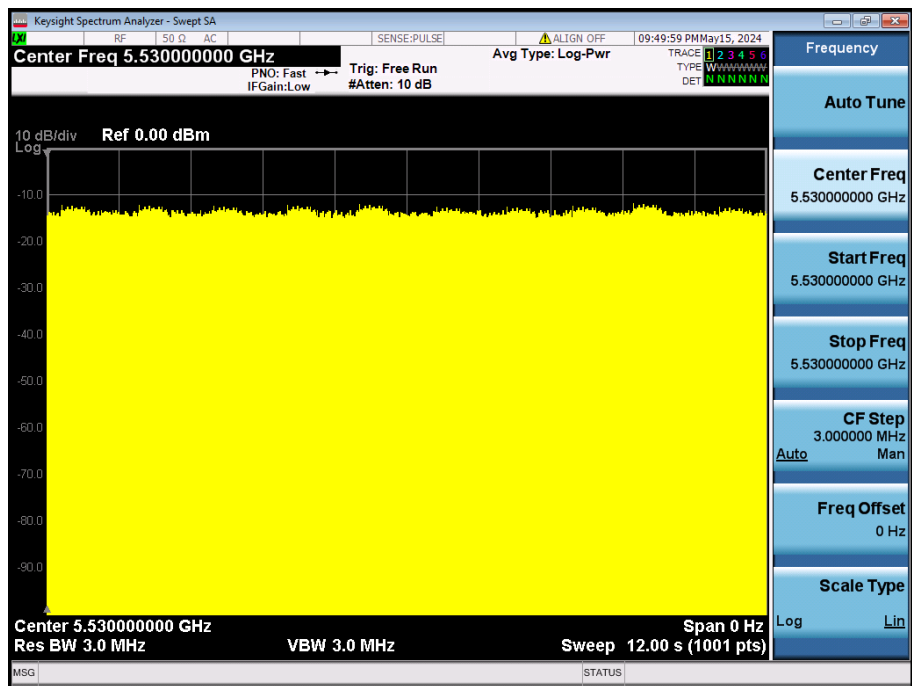
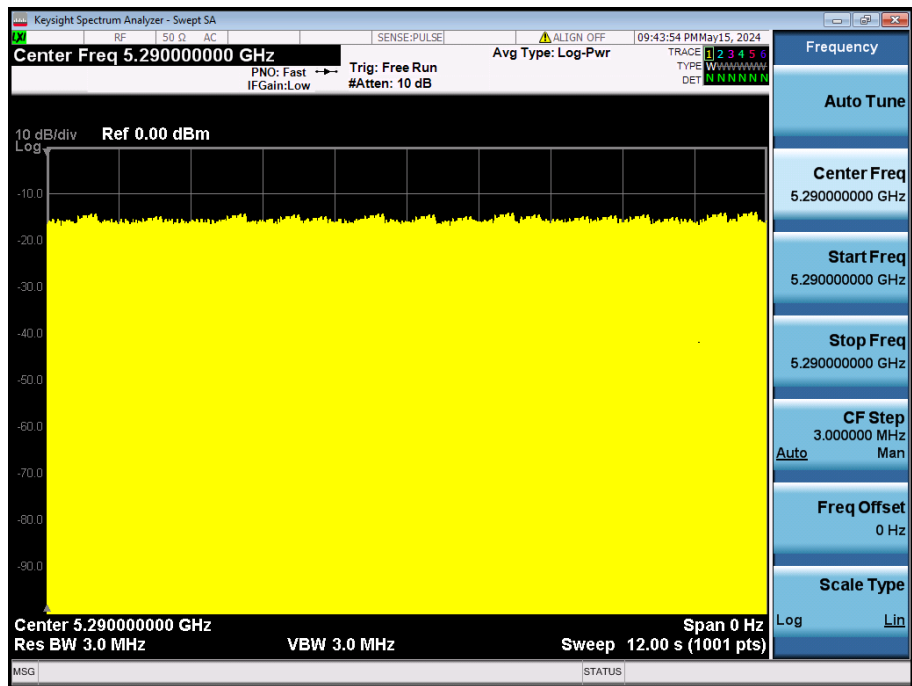


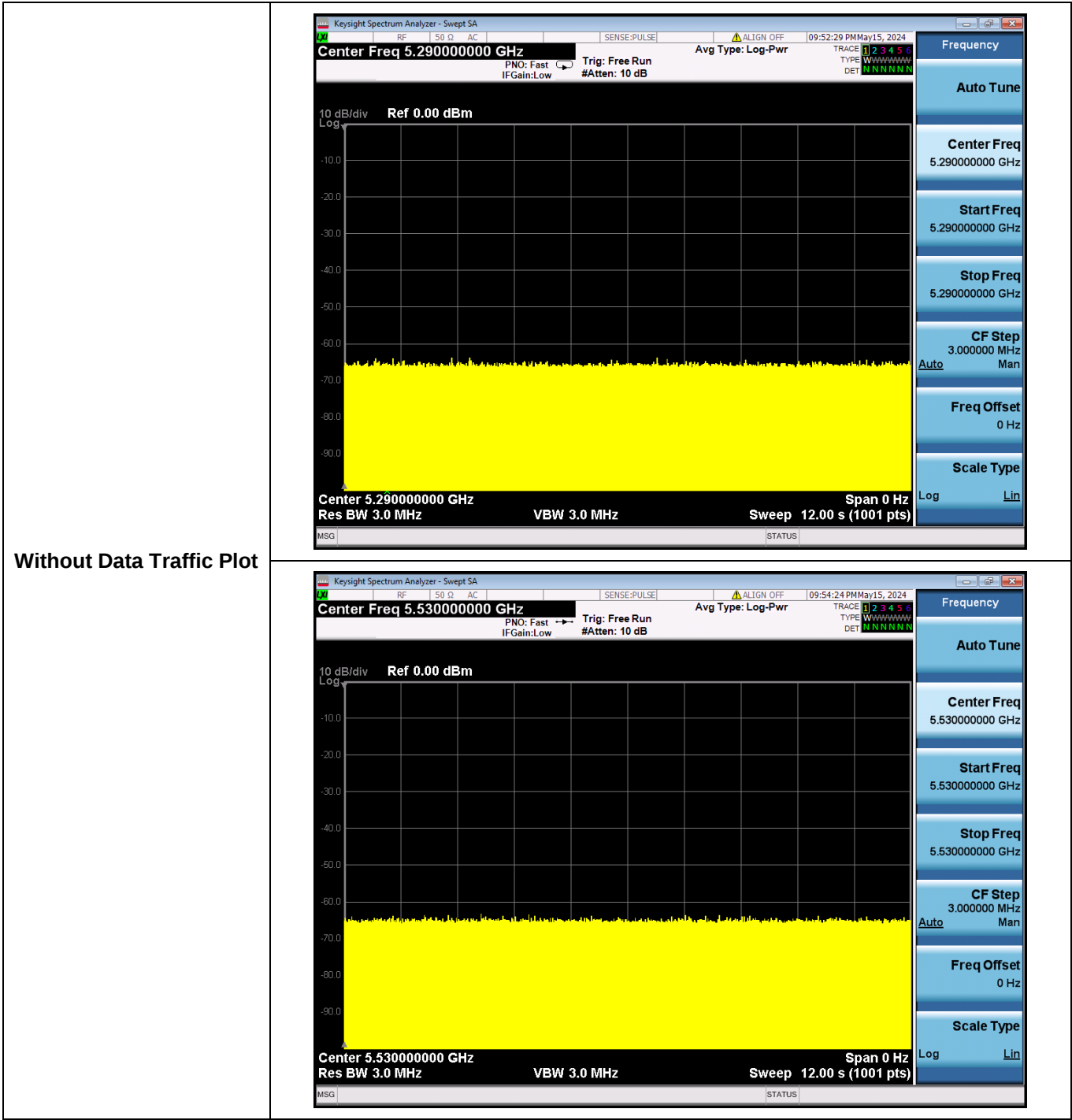






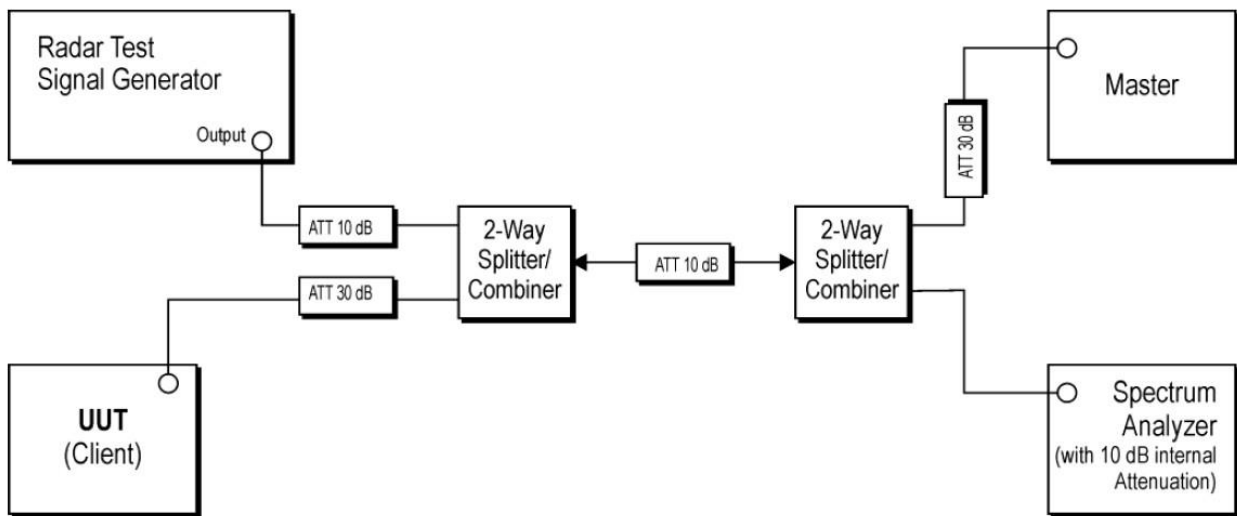
EUT Data traffic Plot





TEST CONFIGURATION

Setup for Client with injection at the Master



3.4 TEST PROCEDURE

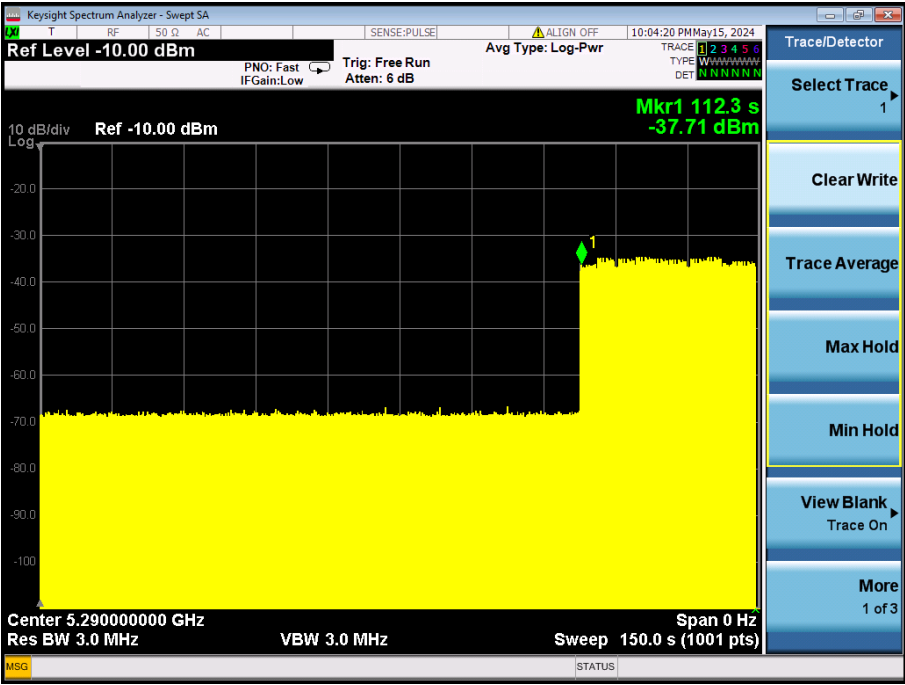
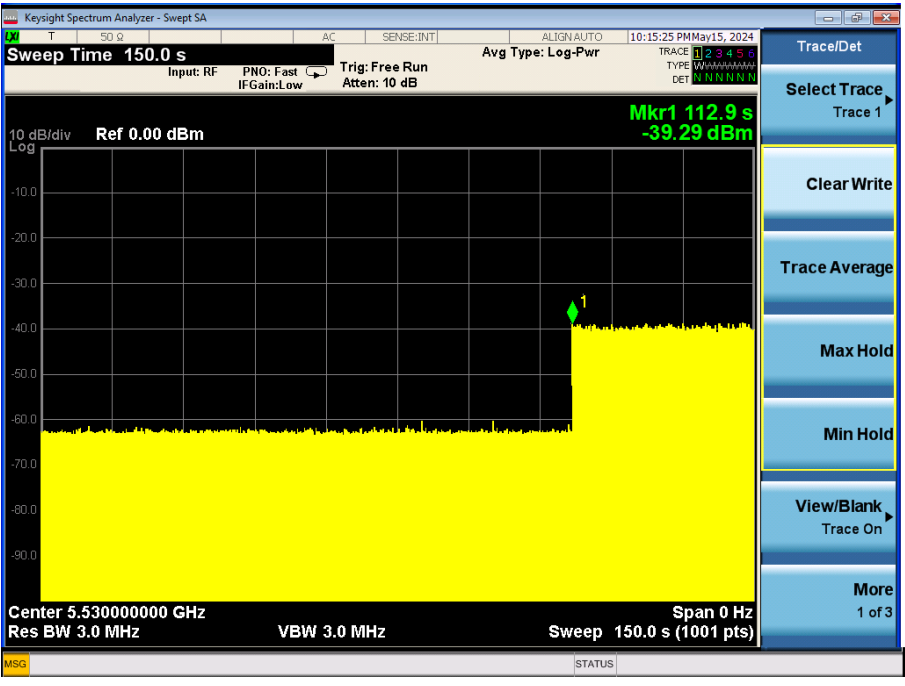
1. The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
2. The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately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

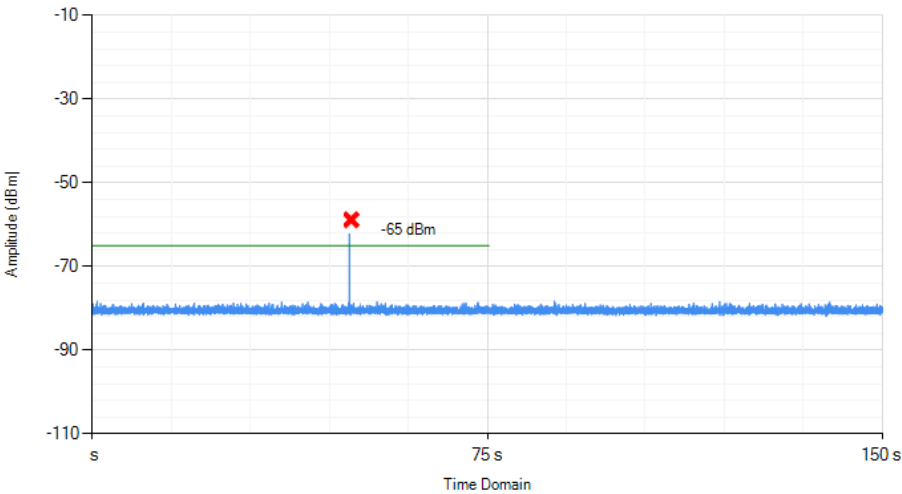
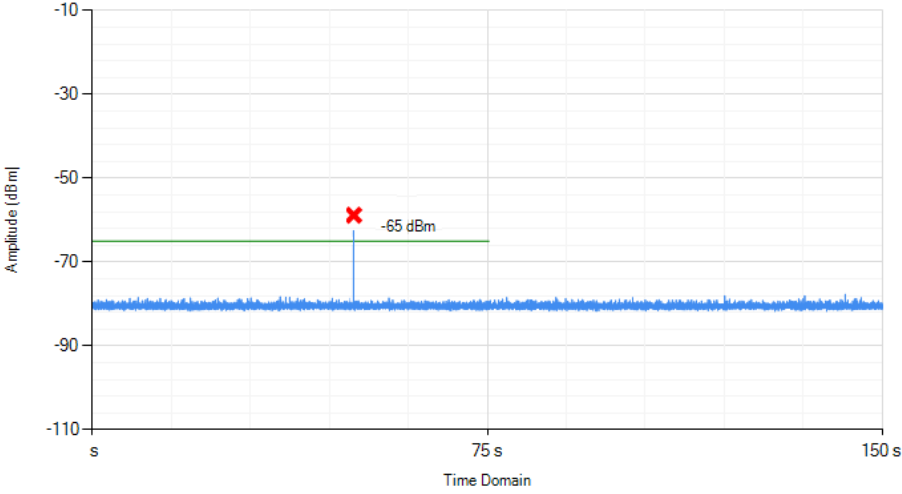
start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type

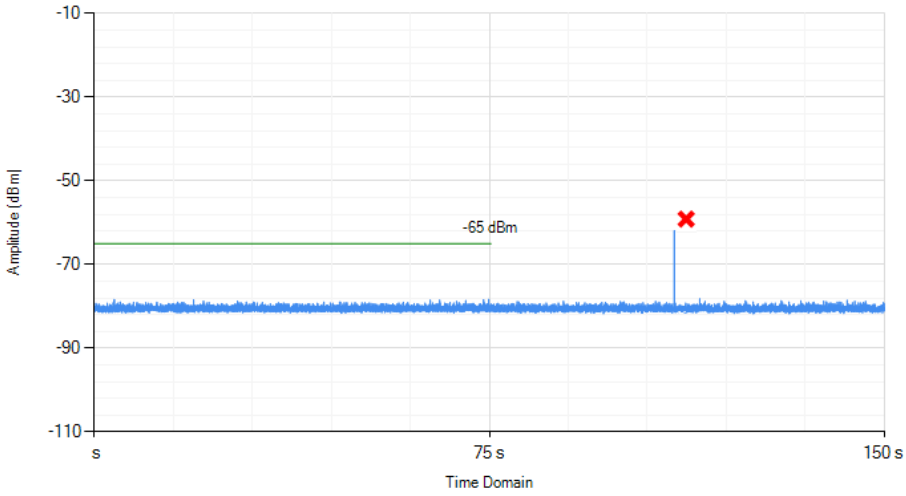
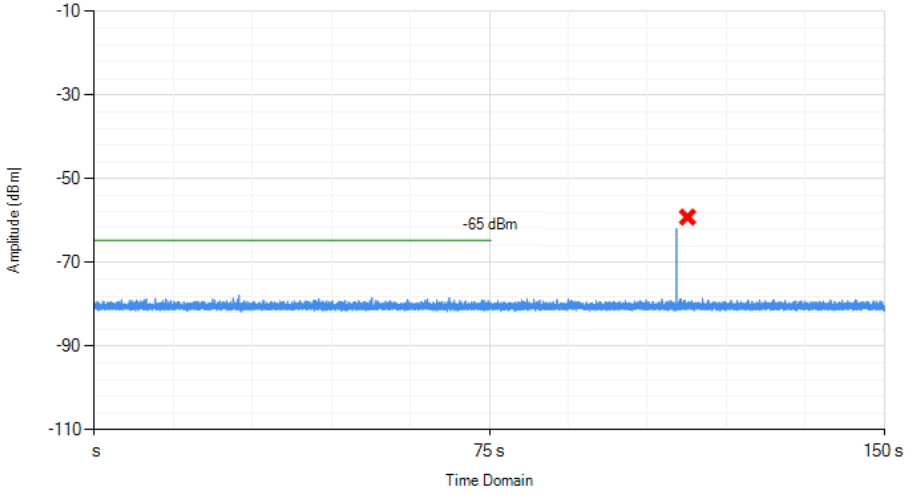
7. Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; 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.

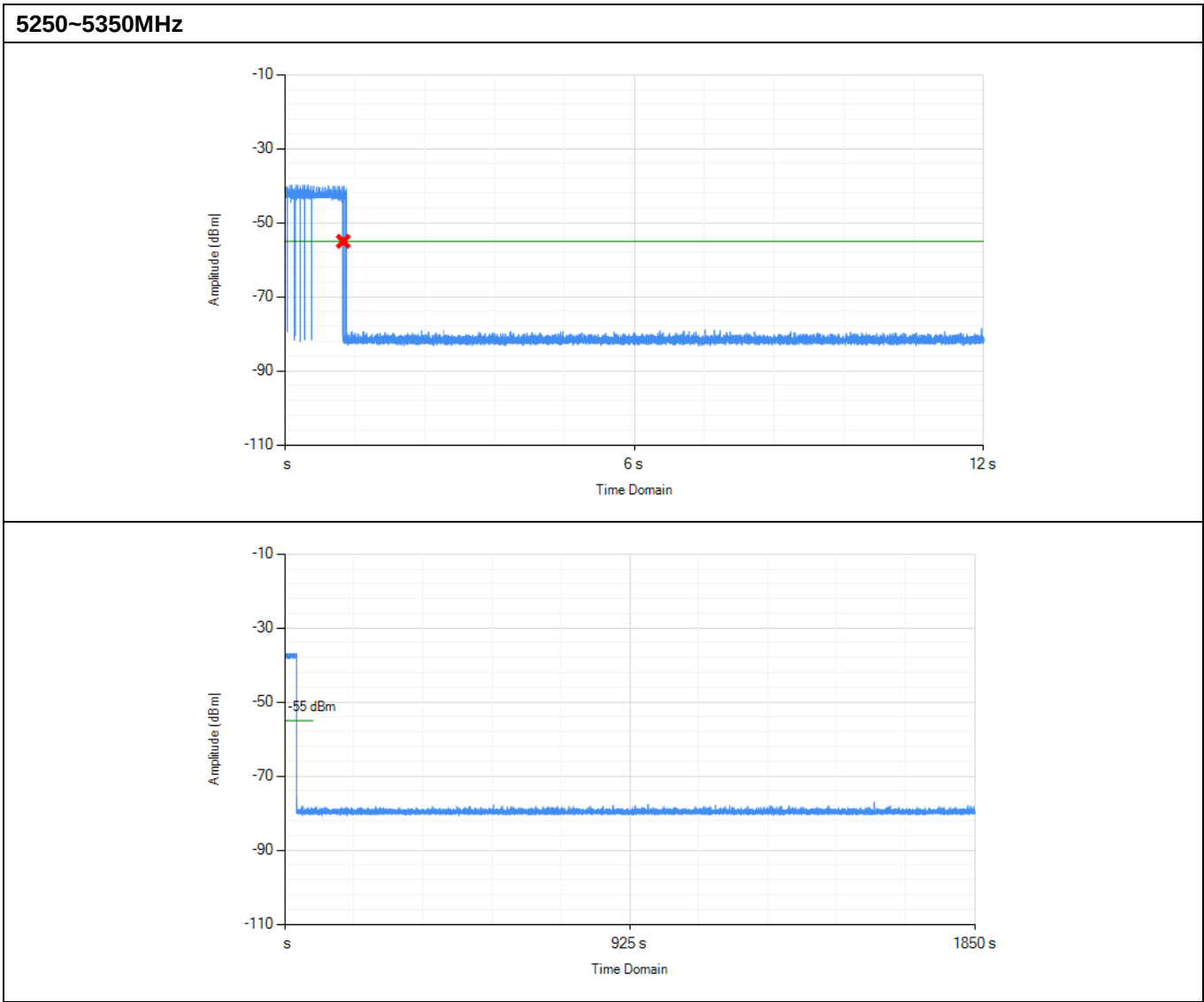
3.5 TEST RESULTS

Initial Channel Availability Check Time:

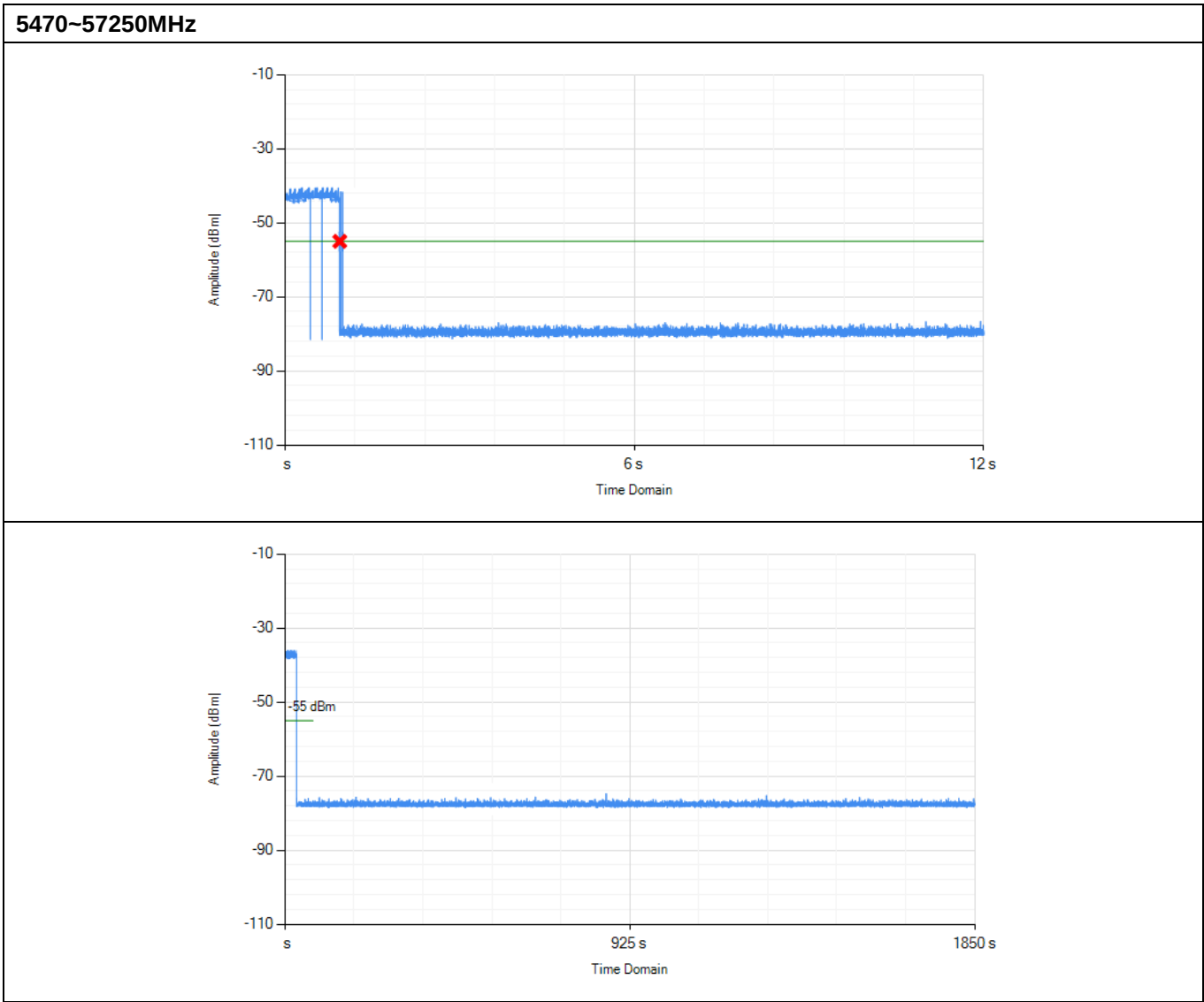
5250~5350MHz	
802.11ax(HE80) 5290MHz	
	Power Up Time(T1) (s)50.1s
	Channel transmissions start timee(s)112.3s
5470~5725MHz	
802.11ax(HE80) 5530MHz	
	Power Up Time(T1) (s)50.2s
	Channel transmissions start timee(s)112.9s

5250~5350MHz		
802.11ax(HE80) 5290MHz	 The plot shows Amplitude (dBm) on the y-axis from -110 to -10 and Time Domain (s) on the x-axis from 0 to 150. A blue signal line is mostly flat at approximately -85 dBm, with a sharp spike reaching -65 dBm at 49.5s, marked with a red 'x' and labeled '-65 dBm'. A green horizontal line is drawn at -65 dBm.	
	Radar burst at the beginning of theChannel Availability Check Timee(s)	49.5s
5470~5725MHz		
802.11ax(HE80) 5530MHz	 The plot shows Amplitude (dBm) on the y-axis from -110 to -10 and Time Domain (s) on the x-axis from 0 to 150. A blue signal line is mostly flat at approximately -85 dBm, with a sharp spike reaching -65 dBm at 50.6s, marked with a red 'x' and labeled '-65 dBm'. A green horizontal line is drawn at -65 dBm.	
	Radar burst at the beginning of theChannel Availability Check Timee(s)	50.6s

5250~5350MHz		
802.11ax(HE80) 5290MHz		
	Radar burst at the end of the ChannelAvailabilitv Check Timee(s)	112.7s
802.11ax(HE80) 5530MHz		
	Radar burst at the end of the ChannelAvailabilitv Check Timee(s)	111.2s



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5290MHz	Channel Move Time(s)	0.92s	<10s	Complied
	Channel Closing Transmission Time(ms)	19ms	<60ms	Complied
	Non-Occupancy Period(min)	≥30min	≥30min	Complied



BW/Channel	Test Item	Test Result	Limit	Result
80MHz/5530MHz	Channel Move Time(s)	0.85s	<10s	Complied
	Channel Closing Transmission Time(ms)	22ms	<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	1
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	0
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	1
21	5269	21	1089.3	918	0
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	1
Detection Percentage (%)					93.33
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	5327	4	155	23	0
2	5267	2	208	27	1
3	5257	1	225	25	1
4	5321	2	153	28	1
5	5323	3	206	26	1
6	5264	3	182	27	1
7	5283	3	199	27	1
8	5319	2	179	27	1
9	5302	3	155	27	1
10	5319	1	155	28	0
11	5316	2	166	28	1
12	5297	5	229	24	1
13	5318	2	187	27	1
14	5322	2	179	28	1
15	5277	2	211	25	1
16	5299	5	202	24	1
17	5305	3	202	29	1
18	5296	1	213	26	1
19	5298	5	188	23	1
20	5282	1	213	28	1
21	5322	5	191	27	1
22	5267	2	170	29	0
23	5281	4	208	27	1
24	5300	5	161	24	1
25	5309	2	178	24	1
26	5265	3	199	26	1
27	5277	3	222	25	1
28	5265	5	160	26	1
29	5321	2	204	27	1
30	5308	3	164	27	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	5253	9	463	18	1
2	5249	6	382	17	1
3	5287	7	246	17	1
4	5251	7	310	16	0
5	5245	6	291	18	1
6	5271	8	215	18	1
7	5270	8	252	16	1
8	5241	8	315	16	1
9	5269	9	373	17	1
10	5280	10	445	16	1
11	5231	8	420	17	0
12	5289	9	220	17	1
13	5269	9	318	17	1
14	5261	9	246	16	1
15	5241	7	228	18	1
16	5217	8	255	18	1
17	5237	7	420	16	1
18	5248	6	313	18	1
19	5287	10	260	16	1
20	5278	6	410	18	1
21	5229	10	343	17	1
22	5266	7	233	16	1
23	5279	9	405	18	1
24	5234	9	400	17	1
25	5217	10	323	17	1
26	5257	10	417	16	1
27	5269	9	366	16	0
28	5254	6	296	16	1
29	5239	8	315	16	1
30	5282	9	472	16	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	5250	17	356	14	1
2	5255	13	345	12	1
3	5290	16	374	15	1
4	5252	11	469	14	1
5	5258	18	433	16	1
6	5288	17	433	16	1
7	5250	20	386	15	1
8	5267	14	457	15	1
9	5277	12	413	16	1
10	5288	18	433	16	0
11	5267	19	329	13	1
12	5266	14	260	14	1
13	5273	16	326	15	1
14	5278	15	407	16	1
15	5290	19	332	12	1
16	5272	18	317	12	1
17	5275	18	321	13	1
18	5289	15	256	12	1
19	5260	17	248	13	1
20	5265	11	373	16	1
21	5261	15	395	15	1
22	5263	12	273	15	1
23	5290	15	409	15	1
24	5279	20	374	16	1
25	5265	12	443	16	1
26	5260	15	229	13	1
27	5289	16	433	16	1
28	5284	11	302	16	1
29	5269	19	290	16	1
30	5267	17	434	12	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	90.00
3	90.00
4	96.67
Aggregate(Radar Types 1-4)	92.50
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	13	1	77	12	1021	1374	183	13	1
2	14	1	54	13	1129	1098	412	14	1
3	8	3	96	8	1098	1566	295	8	1
4	8	3	89	7	1944	1846	623	8	1
5	19	2	77	11	1771	1927	313	19	1
6	9	3	61	7	1477	1748	783	9	1
7	16	2	80	11	1113	1626	364	16	1
8	9	3	85	19	1797	1349	669	9	1
9	11	1	77	20	1333	1625	8	11	1
10	20	3	82	6	1321	--	--	20	1
11	15	3	69	6	1563	1761	958	15	1
12	18	1	90	12	1651	1560	861	18	0
13	18	1	50	19	1072	1456	669	18	1
14	10	3	88	17	1032	1503	18	10	1
15	12	2	73	10	1922	1120	545	12	1
16	13	2	62	16	1827	1155	287	13	1
17	13	2	78	16	1021	1962	444	13	1
18	10	1	67	9	1600	1516	207	10	1
19	15	1	94	6	1794	1822	680	15	1
20	14	2	93	10	1737	--	--	14	1
21	20	3	55	18	1002	1900	194	20	0
22	8	2	67	12	1646	1324	99	8	1
23	13	3	63	16	1301	1350	335	13	1
24	17	1	93	18	1309	1253	647	17	1
25	12	1	72	9	1777	1656	881	12	1
26	19	3	52	7	1270	1717	27	19	1
27	19	1	75	19	1916	1018	564	19	1
28	15	1	54	13	1103	1822	130	15	1
29	13	2	87	8	1888	1847	870	13	1
30	12	1	53	10	1433	--	630	12	1
Detection Percentage (%)									93.33
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	0
2	5260	9	1	333	1
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	0
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	1
27	5260	9	1	333	0
28	5260	9	1	333	0
29	5260	9	1	333	1
30	5260	9	1	333	1
Detection Percentage (%)					83.33
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	0
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	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	0
14	5273	14	1285.3	778	1
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	5325	5	181	23	1
2	5262	3	211	23	1
3	5273	3	207	28	0
4	5324	3	209	29	1
5	5277	4	175	28	1
6	5271	4	170	25	1
7	5273	5	151	23	0
8	5304	1	153	29	1
9	5290	2	156	28	1
10	5289	1	204	27	1
11	5326	5	218	26	1
12	5314	1	154	25	1
13	5286	4	183	24	1
14	5265	2	186	24	1
15	5287	1	153	29	1
16	5295	2	208	26	0
17	5328	1	158	25	1
18	5270	2	219	29	1
19	5252	4	177	29	1
20	5255	3	216	25	1
21	5307	1	180	27	1
22	5312	5	163	29	1
23	5303	3	211	28	0
24	5254	2	192	28	1
25	5309	1	186	25	1
26	5299	3	182	29	1
27	5313	2	219	27	1
28	5271	4	222	28	1
29	5312	1	156	27	1
30	5302	5	228	28	1
Detection Percentage (%)					86.67
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	5258	9	473	16	1
2	5215	10	396	16	1
3	5256	10	372	16	1
4	5234	8	374	16	1
5	5219	8	436	18	0
6	5269	8	224	16	1
7	5215	6	324	18	1
8	5262	10	277	16	1
9	5235	8	452	17	1
10	5230	9	319	17	1
11	5223	7	366	17	1
12	5259	7	285	18	1
13	5221	7	358	17	1
14	5229	7	266	18	0
15	5224	9	303	17	1
16	5271	8	234	17	0
17	5210	6	268	16	1
18	5246	6	208	18	1
19	5243	9	236	18	1
20	5234	7	447	18	1
21	5254	10	435	17	1
22	5290	6	353	18	1
23	5231	10	223	17	1
24	5214	10	212	18	1
25	5288	6	358	16	1
26	5250	10	246	16	1
27	5211	9	478	16	1
28	5251	10	430	18	1
29	5281	10	343	16	1
30	5222	8	366	16	1
Detection Percentage (%)					90.00
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	5281	11	350	12	1
2	5284	11	348	12	1
3	5266	17	318	14	1
4	5288	19	457	15	1
5	5278	12	485	15	1
6	5289	13	213	16	1
7	5250	11	475	12	1
8	5260	11	323	14	1
9	5272	20	374	13	1
10	5283	18	365	14	1
11	5271	12	418	12	1
12	5276	19	301	15	0
13	5283	12	444	13	1
14	5281	11	431	15	1
15	5263	17	335	15	1
16	5252	17	375	13	1
17	5259	13	433	15	1
18	5252	17	341	15	1
19	5261	20	339	16	0
20	5251	20	385	14	1
21	5258	15	328	14	1
22	5270	18	310	16	1
23	5282	18	322	12	1
24	5265	18	226	14	1
25	5276	16	414	15	1
26	5279	12	223	13	1
27	5250	12	207	14	1
28	5285	16	449	15	1
29	5253	11	451	12	0
30	5255	16	485	14	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101436W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	90.00
2	86.67
3	90.00
4	90.00
Aggregate(Radar Types 1-4)	89.17
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	9	3	91	18	1354	1607	26	1
2	5278	10	1	74	15	1525	1487	46	1
3	5253	8	2	51	5	1062	1544	140	1
4	5286	20	3	56	5	1940	1255	547	1
5	5269	13	1	62	8	1021	1022	220	1
6	5287	9	3	57	17	1488	1652	5	1
7	5282	19	2	68	5	1953	1379	729	1
8	5283	16	3	87	7	1168	1013	810	1
9	5276	20	1	75	12	1743	1278	266	0
10	5259	9	1	60	8	1062	1608	264	1
11	5262	14	1	81	19	1432	1638	258	1
12	5272	8	1	75	10	1374	1646	197	1
13	5289	15	1	75	17	1213	1410	335	1
14	5273	16	1	55	17	1421	1966	274	1
15	5290	15	1	90	9	1327	1733	184	1
16	5250	19	2	72	17	1518	1036	680	1
17	5286	18	2	80	20	1055	1160	39	1
18	5262	8	1	100	11	1816	1297	852	1
19	5288	8	1	93	13	1134	1016	17	1
20	5289	17	2	81	14	1653	1571	761	0
21	5256	16	3	84	6	1558	1674	599	1
22	5263	16	3	66	19	1456	1849	821	1
23	5250	9	1	68	10	1362	1020	962	1
24	5284	20	3	79	20	1237	1285	262	1
25	5262	10	2	98	14	1029	1311	729	0
26	5260	9	3	71	11	1302	1612	29	1
27	5268	19	1	68	12	1082	1199	774	1
28	5284	19	1	94	8	1631	1764	523	1
29	5251	16	2	92	18	1627	1345	202	0
30	5279	14	1	85	8	1499	1922	887	1
Detection Percentage (%)									86.67
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	0
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	1
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	0
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 (%)					93.33
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	1
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	0
23	5262	23	326.2	3066	0
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 (%)					93.33
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	5266	2	168	26	1
2	5299	2	184	26	1
3	5327	5	204	24	0
4	5323	3	198	26	0
5	5294	1	170	29	1
6	5270	1	221	29	1
7	5298	4	206	24	1
8	5316	2	177	28	1
9	5266	4	188	24	1
10	5264	1	203	27	1
11	5327	5	158	24	1
12	5311	5	195	23	1
13	5277	5	151	29	1
14	5306	4	228	28	1
15	5252	5	197	28	1
16	5307	2	229	25	0
17	5274	4	193	23	1
18	5257	1	198	27	1
19	5251	3	203	25	1
20	5305	1	159	23	0
21	5270	1	163	26	1
22	5298	1	172	25	1
23	5317	1	222	26	1
24	5268	3	197	29	1
25	5315	3	151	27	0
26	5304	1	229	29	1
27	5251	1	202	28	1
28	5304	1	228	26	1
29	5258	2	162	23	1
30	5327	3	160	23	1
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	5246	9	243	18	1
2	5287	8	359	18	1
3	5220	8	433	18	1
4	5210	8	462	17	1
5	5241	9	436	17	1
6	5268	8	398	16	1
7	5220	8	219	17	1
8	5275	8	428	18	1
9	5216	9	224	16	0
10	5249	7	317	16	1
11	5281	10	363	16	1
12	5255	6	379	17	1
13	5269	6	246	18	1
14	5230	7	456	16	1
15	5290	10	232	16	1
16	5238	9	280	16	1
17	5210	10	202	18	1
18	5212	8	497	16	1
19	5244	7	343	18	1
20	5239	8	270	17	0
21	5271	6	311	18	1
22	5218	8	264	18	1
23	5218	6	339	18	1
24	5251	8	313	18	1
25	5279	10	240	16	1
26	5229	8	295	18	1
27	5280	8	206	17	1
28	5256	8	237	18	1
29	5213	9	463	16	1
30	5270	10	278	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	5264	19	415	13	1
2	5271	16	256	15	1
3	5275	16	401	13	1
4	5254	17	477	14	1
5	5282	11	370	14	1
6	5280	16	209	14	1
7	5282	20	477	13	0
8	5273	20	357	16	1
9	5280	17	278	16	1
10	5283	17	351	15	1
11	5253	11	444	15	1
12	5264	17	293	12	1
13	5271	12	314	16	1
14	5269	18	292	13	1
15	5270	14	270	14	1
16	5268	11	204	14	1
17	5255	15	324	14	1
18	5259	11	349	16	1
19	5280	18	491	12	1
20	5273	19	390	16	1
21	5252	11	352	16	1
22	5261	17	442	15	1
23	5276	16	447	16	1
24	5290	14	340	12	1
25	5267	20	212	13	1
26	5254	11	476	13	1
27	5264	14	334	15	1
28	5267	13	445	12	1
29	5258	11	426	15	1
30	5277	17	472	13	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	83.33
3	93.33
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-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	13	1	66	5	1512	1623	512	1
2	5278	17	1	53	17	1219	1847	245	1
3	5253	17	1	83	20	1981	1309	713	1
4	5286	10	1	66	13	1287	1641	691	1
5	5269	16	3	57	13	1157	1518	67	1
6	5287	10	2	66	13	1234	1504	191	1
7	5282	12	1	52	10	1606	--	40	0
8	5283	12	3	95	5	1553	1395	730	1
9	5276	18	1	65	18	1250	1959	767	1
10	5259	8	1	52	11	1220	1868	64	0
11	5262	11	2	73	12	1984	1090	470	1
12	5272	19	2	91	19	1130	1433	585	1
13	5289	8	3	60	11	1214	1467	511	1
14	5273	15	3	96	8	1771	1544	747	1
15	5290	17	1	100	11	1782	1095	837	1
16	5250	11	2	56	18	--	--	540	0
17	5286	14	3	61	9	1040	1183	571	1
18	5262	15	2	84	16	1676	1355	910	1
19	5288	20	3	99	14	1924	1730	903	1
20	5289	13	1	61	17	1377	1286	137	1
21	5256	10	2	59	14	1573	1831	693	1
22	5263	9	3	76	7	1245	1631	400	0
23	5250	14	2	58	14	1661	1558	705	1
24	5284	17	1	66	11	1238	1561	827	1
25	5262	15	3	88	9	1581	1899	361	1
26	5260	11	3	61	12	--	1257	868	1
27	5268	12	2	57	20	1662	1804	345	1
28	5284	14	2	53	16	1808	1414	309	1
29	5251	13	2	64	18	1903	1498	138	1
30	5279	10	3	82	7	1356	--	130	1
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	0
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	0
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	1
15	5290	9	1	333	1
16	5290	9	1	333	0
17	5290	9	1	333	1
18	5290	9	1	333	1
19	5290	9	1	333	1
20	5290	9	1	333	0
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	0
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 (%)					83.33
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	0
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	1
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	0
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	1
Detection Percentage (%)					93.33
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	5269	5	197	26	1
2	5284	1	165	23	1
3	5325	1	198	28	1
4	5287	1	221	28	1
5	5282	4	151	26	1
6	5314	1	177	28	0
7	5260	2	183	29	1
8	5317	4	210	28	1
9	5301	2	200	23	0
10	5265	1	179	24	1
11	5311	1	213	24	1
12	5304	3	192	26	1
13	5284	4	180	25	1
14	5285	5	206	24	1
15	5326	5	155	28	1
16	5322	3	150	27	1
17	5300	4	173	29	1
18	5256	4	212	24	0
19	5306	5	187	27	1
20	5259	5	178	28	1
21	5311	1	229	26	1
22	5262	5	226	28	1
23	5308	5	213	27	1
24	5316	1	158	25	0
25	5272	5	164	23	1
26	5271	3	161	25	1
27	5282	3	195	25	1
28	5259	4	185	28	1
29	5288	4	197	25	1
30	5288	3	179	28	0
Detection Percentage (%)					83.33
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	5262	9	204	16	0
2	5259	7	327	17	1
3	5271	8	244	18	1
4	5246	8	218	16	1
5	5282	6	240	17	1
6	5272	9	447	16	0
7	5252	7	482	16	1
8	5249	9	475	18	1
9	5214	9	204	16	1
10	5242	10	341	17	1
11	5264	9	485	17	0
12	5221	7	405	16	1
13	5261	7	386	16	1
14	5287	9	434	17	1
15	5247	10	293	16	1
16	5275	8	336	16	0
17	5290	7	484	18	1
18	5229	6	468	18	1
19	5242	8	275	18	1
20	5212	10	454	17	1
21	5211	7	393	18	0
22	5234	7	234	17	1
23	5278	6	238	16	1
24	5212	9	401	16	1
25	5227	6	394	17	1
26	5216	6	240	16	1
27	5251	10	379	16	1
28	5220	8	247	16	1
29	5212	8	291	18	0
30	5234	8	321	18	1
Detection Percentage (%)					80.00
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	5273	17	487	15	1
2	5290	14	401	12	1
3	5281	20	279	12	1
4	5287	16	370	13	1
5	5286	20	338	14	1
6	5256	13	450	12	1
7	5288	18	362	16	1
8	5257	13	404	13	1
9	5260	20	393	16	1
10	5268	17	226	15	1
11	5270	19	446	13	0
12	5266	20	219	12	1
13	5287	17	480	14	1
14	5269	11	317	13	1
15	5253	11	332	16	1
16	5288	20	212	15	1
17	5290	18	447	15	1
18	5290	13	414	14	1
19	5265	13	332	13	1
20	5254	19	457	13	1
21	5290	20	242	16	1
22	5261	16	293	12	1
23	5262	11	302	15	1
24	5255	15	360	15	1
25	5261	17	459	15	1
26	5280	15	256	12	1
27	5268	14	322	15	1
28	5259	16	356	13	1
29	5285	16	438	15	1
30	5270	16	329	12	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	83.33
3	80.00
4	96.67
Aggregate(Radar Types 1-4)	88.33
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	12	2	96	7	1037	1229	272	1
2	5278	20	1	70	19	1568	1400	836	1
3	5253	12	1	88	6	1957	1012	100	1
4	5286	20	1	70	16	1018	1771	590	1
5	5269	20	1	74	9	1950	1969	378	0
6	5287	12	2	93	17	--	1751	822	1
7	5282	8	3	65	20	1253	1155	50	1
8	5283	20	1	58	18	1408	1568	702	1
9	5276	16	1	51	13	1164	1123	63	1
10	5259	15	2	70	19	--	--	433	1
11	5262	18	2	82	12	--	1481	701	1
12	5272	17	3	90	19	1049	1218	186	1
13	5289	14	2	76	19	1475	1151	798	1
14	5273	19	1	69	5	1101	1522	685	1
15	5290	20	3	73	16	1194	1399	496	1
16	5250	20	1	98	14	1148	1622	798	1
17	5286	12	1	98	14	1020	1682	547	1
18	5262	12	3	91	17	1142	1614	755	1
19	5288	14	1	97	13	1742	1187	306	1
20	5289	8	3	67	18	1136	--	294	1
21	5256	12	3	88	13	1384	1603	319	0
22	5263	16	1	92	14	1760	1278	56	1
23	5250	18	2	99	12	1377	1256	852	1
24	5284	14	2	75	7	1971	1922	481	1
25	5262	17	2	72	9	1806	1179	105	1
26	5260	16	3	78	8	1693	--	772	1
27	5268	18	1	64	9	1703	1446	127	1
28	5284	11	1	96	19	1466	1047	77	1
29	5251	15	3	85	6	1107	1681	544	1
30	5279	10	1	65	15	1382	1506	688	1
Detection Percentage (%)									93.33
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	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	0
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	1
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	0
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 (%)					90.00
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	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	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 (%)					96.67
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	5275	3	181	29	1
2	5294	3	190	24	1
3	5328	3	179	23	1
4	5271	5	225	24	1
5	5306	4	156	27	1
6	5269	4	206	27	1
7	5290	5	226	27	0
8	5251	1	166	29	1
9	5251	1	171	26	1
10	5275	3	219	23	1
11	5327	2	203	29	1
12	5330	1	216	24	0
13	5259	3	222	26	1
14	5294	1	215	28	1
15	5300	4	208	25	1
16	5251	4	190	27	1
17	5277	3	179	27	1
18	5256	4	191	27	1
19	5292	4	168	25	1
20	5317	1	218	29	1
21	5304	5	190	23	1
22	5318	5	179	28	0
23	5308	1	226	23	1
24	5302	3	202	23	1
25	5322	5	191	28	1
26	5268	1	226	23	1
27	5291	1	206	28	1
28	5276	2	209	29	1
29	5295	4	229	25	1
30	5306	2	209	26	1
Detection Percentage (%)					90.00
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	7	282	17	1
2	5212	7	417	18	1
3	5279	8	318	18	1
4	5255	8	307	17	1
5	5265	8	461	17	1
6	5283	7	461	17	1
7	5211	8	471	18	1
8	5222	9	302	17	1
9	5245	10	429	18	1
10	5271	10	224	16	1
11	5277	6	234	16	0
12	5255	9	239	16	1
13	5216	8	251	18	1
14	5222	7	416	16	0
15	5263	9	297	17	1
16	5271	8	213	17	1
17	5215	9	248	17	1
18	5217	9	421	18	1
19	5210	9	397	18	1
20	5216	8	458	18	1
21	5216	7	472	16	1
22	5266	9	333	18	1
23	5272	9	229	18	1
24	5264	9	218	17	1
25	5276	10	222	17	1
26	5237	7	422	17	1
27	5216	6	401	17	1
28	5255	9	361	18	1
29	5244	9	239	17	1
30	5274	7	484	17	1
Detection Percentage (%)					93.33
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	5284	20	453	15	1
2	5270	14	357	13	1
3	5284	19	320	13	1
4	5260	14	304	12	1
5	5288	17	334	13	1
6	5255	18	420	12	1
7	5268	19	458	15	1
8	5288	14	236	12	1
9	5271	16	334	15	1
10	5276	14	432	15	1
11	5264	20	306	15	1
12	5287	16	462	15	0
13	5266	16	272	16	1
14	5256	20	469	13	1
15	5276	14	408	14	1
16	5288	18	329	14	1
17	5260	17	285	13	1
18	5259	18	449	14	1
19	5290	14	352	14	1
20	5283	17	308	13	1
21	5267	12	240	15	1
22	5264	17	275	16	1
23	5265	16	359	13	1
24	5281	18	384	16	1
25	5286	12	480	13	1
26	5256	14	457	16	1
27	5277	12	233	15	1
28	5287	12	218	12	1
29	5254	15	448	13	1
30	5254	16	436	14	1
Detection Percentage (%)					96.67
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101436W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	96.67
2	90.00
3	93.33
4	96.67
Aggregate(Radar Types 1-4)	94.17
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	12	1	82	12	1108	1058	636	1
2	5278	17	2	67	16	1606	1235	605	1
3	5253	10	1	76	10	1867	1084	301	1
4	5286	20	2	83	7	--	--	679	1
5	5269	20	1	89	15	1513	1139	297	1
6	5287	18	2	77	10	1970	1730	900	1
7	5282	9	3	69	17	1827	1217	699	1
8	5283	19	3	98	14	1422	1796	807	0
9	5276	12	2	63	20	1110	1715	47	1
10	5259	9	2	99	20	1023	1899	500	1
11	5262	20	1	79	20	1308	1666	257	1
12	5272	14	1	100	18	--	--	407	1
13	5289	18	3	74	7	1691	1565	734	1
14	5273	15	1	55	7	1855	1336	902	1
15	5290	16	2	84	9	1952	1371	617	0
16	5250	12	1	88	8	1094	1320	128	1
17	5286	12	3	56	8	1123	1838	881	1
18	5262	12	2	94	10	1275	1422	544	1
19	5288	14	1	94	9	1235	1111	832	1
20	5289	16	2	100	11	1958	1571	597	1
21	5256	8	2	95	15	1579	1700	680	1
22	5263	20	2	56	5	1738	1481	33	1
23	5250	15	1	96	8	--	1350	295	1
24	5284	8	3	79	20	1842	--	642	0
25	5262	19	3	56	16	1454	1230	626	1
26	5260	13	1	89	11	1138	1222	703	1
27	5268	14	3	75	10	1044	1350	86	1
28	5284	13	2	100	9	1764	1744	159	1
29	5251	19	3	60	12	1335	1331	620	1
30	5279	13	2	62	7	1561	1685	409	1
Detection Percentage (%)									90.00
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	0
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	0
30	5510	9	1	333	1
Detection Percentage (%)					90.00
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	0
2	5536	16	1222.5	818	1
3	5524	3	1792.1	558	0
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	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 (%)					86.67
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	5275	2	182	25	1
2	5319	2	175	23	1
3	5282	5	230	23	1
4	5328	4	197	26	1
5	5321	5	152	28	1
6	5310	3	211	26	1
7	5271	2	211	26	1
8	5327	3	172	23	1
9	5311	5	181	24	1
10	5329	4	210	28	1
11	5301	4	216	26	1
12	5326	2	163	25	1
13	5301	1	163	27	1
14	5328	1	165	29	1
15	5273	1	163	23	1
16	5308	3	151	29	1
17	5261	5	215	24	0
18	5256	2	151	29	1
19	5296	1	180	29	1
20	5288	1	170	29	1
21	5302	4	191	27	1
22	5290	1	200	25	1
23	5266	2	199	23	0
24	5258	3	164	25	1
25	5274	4	160	29	1
26	5329	2	185	29	1
27	5327	4	180	26	1
28	5266	5	226	23	1
29	5291	3	204	27	1
30	5299	1	214	28	1
Detection Percentage (%)					93.33
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	5247	10	471	17	1
2	5256	8	384	16	1
3	5256	10	357	16	0
4	5249	10	482	17	1
5	5229	7	415	18	1
6	5219	10	481	18	1
7	5272	9	485	17	1
8	5270	10	230	16	1
9	5217	10	315	17	1
10	5260	7	428	16	1
11	5213	6	473	18	1
12	5260	9	292	16	1
13	5223	9	333	18	1
14	5269	8	375	18	1
15	5280	8	401	18	1
16	5235	6	303	16	1
17	5255	9	375	16	1
18	5233	10	279	18	1
19	5281	9	421	16	0
20	5241	9	311	18	1
21	5216	9	260	17	1
22	5218	7	448	16	1
23	5248	9	450	17	1
24	5238	9	406	16	1
25	5251	6	376	18	1
26	5268	7	242	17	1
27	5280	7	417	17	1
28	5273	7	481	17	1
29	5265	10	330	18	1
30	5283	7	205	16	1
Detection Percentage (%)					93.33
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	5253	14	231	16	1
2	5258	15	342	12	1
3	5267	11	410	12	1
4	5252	20	285	13	1
5	5287	19	445	13	1
6	5255	20	355	16	1
7	5273	19	306	12	1
8	5256	12	439	13	1
9	5266	20	273	13	1
10	5256	15	374	16	1
11	5259	20	361	15	1
12	5285	19	357	16	1
13	5281	16	496	13	1
14	5271	20	352	16	1
15	5250	19	440	15	1
16	5286	16	206	12	1
17	5271	16	448	16	1
18	5267	20	330	16	1
19	5262	11	383	14	1
20	5288	15	233	16	1
21	5263	14	476	15	1
22	5264	20	477	14	0
23	5280	18	304	14	1
24	5287	18	222	14	1
25	5289	20	231	15	1
26	5275	13	200	16	1
27	5286	19	420	16	1
28	5254	14	238	12	0
29	5279	17	456	14	1
30	5288	20	379	15	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Reference No.: WTX24X05101436W007

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	86.67
2	93.33
3	93.33
4	93.33
Aggregate(Radar Types 1-4)	91.67
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	18	2	95	8	1528	--	237	1
2	5278	14	3	52	18	1277	1236	309	1
3	5253	17	1	75	8	1268	1991	946	1
4	5286	14	1	64	13	1512	1470	556	1
5	5269	9	1	67	11	1789	1823	999	1
6	5287	10	1	87	5	1149	1462	399	1
7	5282	17	2	96	6	--	1363	813	1
8	5283	12	1	81	9	1329	1612	924	1
9	5276	20	1	98	20	1719	1144	616	1
10	5259	17	3	90	14	1106	1690	260	1
11	5262	10	3	68	11	1876	1987	755	1
12	5272	13	1	98	16	1312	1590	238	0
13	5289	17	2	87	12	1144	1321	827	1
14	5273	12	2	73	13	1079	1587	888	0
15	5290	20	1	72	16	1669	1545	918	1
16	5250	19	1	97	16	--	--	800	1
17	5286	16	3	100	20	--	1603	76	1
18	5262	18	2	68	9	1351	1388	724	1
19	5288	16	1	71	8	1739	1590	136	1
20	5289	20	2	55	12	1648	1083	977	1
21	5256	8	3	65	19	1895	1915	523	1
22	5263	8	1	53	10	1228	1185	54	1
23	5250	15	1	81	6	1484	1581	511	1
24	5284	16	3	81	19	1227	1627	962	1
25	5262	11	1	70	18	1746	1243	302	1
26	5260	15	3	86	17	1113	--	634	0
27	5268	15	1	100	5	1222	1930	547	1
28	5284	16	2	58	17	1778	1296	785	1
29	5251	16	1	57	17	1652	1560	436	1
30	5279	15	2	88	20	1553	1580	673	1
Detection Percentage (%)									90.00
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	0
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	1
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	1
28	5530	9	1	333	1
29	5530	9	1	333	1
30	5530	9	1	333	1
Detection Percentage (%)					96.67
Limit					70%
Test Result					Complied

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS

DFS Test Setup



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