

TEST REPORT

Reference No...... : WTF24X12297714W002
FCC ID..... : TV7CRS41852AXQ
Applicant..... : Mikrotikls SIA
Address..... : Unijas 2, Riga, LV-1039, LATVIA
Manufacturer..... : The same as Applicant
Address..... : The same as Applicant
Product Name..... : CloudRouterSwitch
Model No...... : CRS418-8P-8G-2S+5axQ2axQ-RM-US
Standards..... : FCC Part 15E
Date of Receipt sample..... : 2024-12-17
Date of Test..... : 2024-12-17 to 2025-03-31; 2025-04-05 to 2025-05-20;
2025-06-07 to 2025-06-18
Date of Issue..... : 2025-06-18
Test Report Form No...... : WTX_Part 15EW
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.

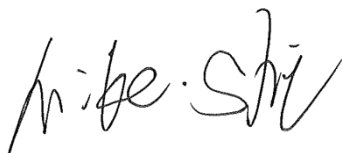
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TABLE OF CONTENTS

1. GENERAL INFORMATION4

1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)4

1.2 TEST STANDARDS5

1.3 TEST METHODOLOGY 5

1.4 EUT OPERATING DURING TEST 5

1.5 TEST FACILITY5

1.6 EUT SETUP AND TEST MODE6

1.7 TEST EQUIPMENT LIST AND DETAILS 7

2. SUMMARY OF TEST RESULTS 9

3.DYNAMIC FREQUENCY SELECTION (DFS) 10

3.1 REQUIREMENT10

3.2 RADAR TEST WAVEFORMS 11

3.3 CALIBRATION OF RADAR WAVEFORM 14

3.4 TEST PROCEDURE 16

3.5 TEST RESULTS 17

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS 42

Report version

Version No.	Date of issue	Description
Rev.00	2025-06-18	Original
/	/	/

1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product Name:	CloudRouterSwitch
Trade Name:	MikroTik
Model No.:	CRS418-8P-8G-2S+5axQ2axQ-RM-US
Adding Model(s):	/
Rated Voltage:	AC100-240V 50/60Hz
Battery Capacity:	/
Power Adapter:	/
<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:	5250-5350MHz, 5470-5725MHz
Max. RF Output Power:	Antenna 1: 20.63dBm (Conducted) Antenna 2: 19.24dBm (Conducted) Antenna 3: 20.17dBm (Conducted) Antenna 4: 19.71dBm (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:	Dedicated External Antenna
Antenna Gain:	6dBi
<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.

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.

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 master device with radar detection capability. During the test, the product works on the designated test channel and transmits normal data to the Client.

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	802.11a	5260MHz,5500MHz
TM2	802.11n-HT20	5260MHz,5500MHz
TM3	802.11ac-VHT20	5260MHz,5500MHz
TM4	802.11ax-HE20	5260MHz,5500MHz
TM5	802.11n-HT40	5270MHz,5510MHz
TM6	802.11ac-VHT40	5270MHz,5510MHz
TM7	802.11ax-HE40	5270MHz,5510MHz
TM8	802.11ac-VHT80	5290MHz,5530MHz,
TM9	802.11ax-HE80	5290MHz,5530MHz,
Note: All test modes (different data rate and different modulation) are performed, but only the worst case is recorded in this report.		

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Core
AC Cable	1.8	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
Computer	Lenovo	L13 Yoga	/

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

Fixed asset Number	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
WTXE1041A 1001	Communication Tester	Rohde & Schwarz	CMW500	148650	2025-02-23	2026-02-22
WTXE1022A 1002	GSM Tester	Rohde & Schwarz	CMU200	114403	2025-02-23	2026-02-22
WTXE1005A 1005	Spectrum Analyzer	Agilent	N9020A	US471401 02	2025-02-23	2026-02-22
WTXE1084A 1001	Spectrum Analyzer	Agilent	N9020A	MY543205 48	2025-02-23	2026-02-22
WTXE1044A 1001	Signal Generator	Agilent	83752A	3610A014 53	2025-02-23	2026-02-22
WTXE1045A 1001	Vector Signal Generator	Agilent	N5182A	MY470702 02	2025-02-23	2026-02-22
WTXE1018A 1001	Power Divider	Weinschel	1506A	PM204	2025-02-23	2026-02-22

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:

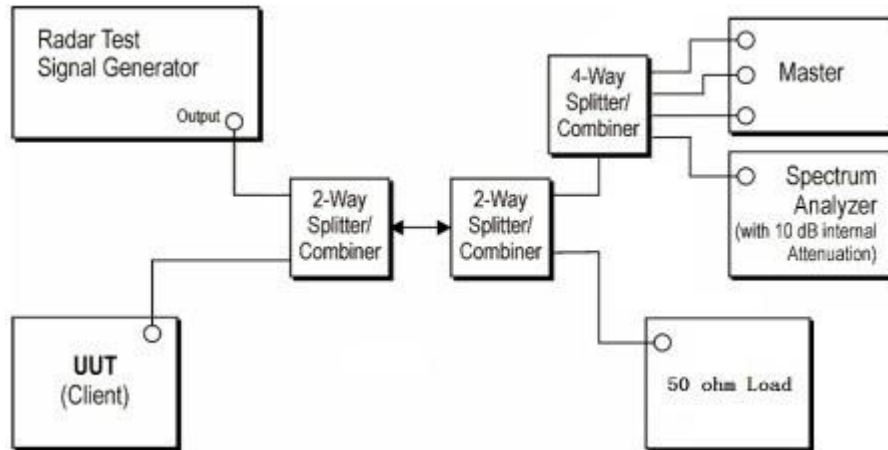
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250–5724MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until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

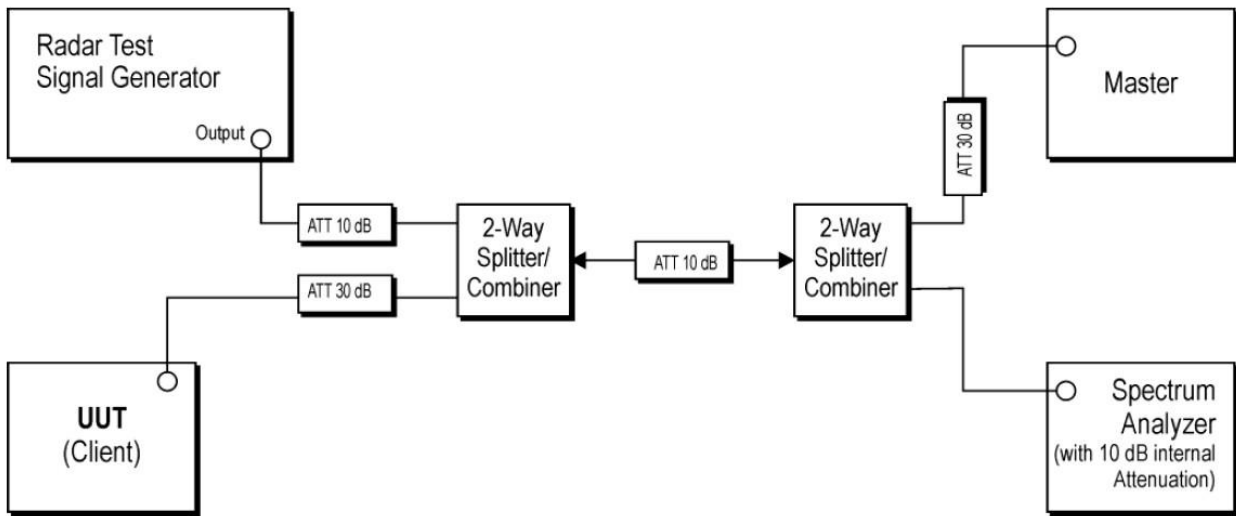


DFS Detection Thresholds Please refer to Appendix A

Channel Loading Please refer to Appendix B

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

Channel Availability Check Time Please refer to Appendix C

Channel Move Time and Channel Closing Transmission Time Please refer to Appendix D

Non-Occupancy Period Please refer to Appendix E

U-NII Detection Bandwidth Please refer to Appendix F

Statistical Performance check Please refer to Appendix G

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.						

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	0
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	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	0
18	5266	18	1165.6	858	1
19	5267	19	1139	878	1
20	5268	20	1113.6	898	1
21	5269	21	1089.3	918	1
22	5270	2	1858.7	538	1
23	5250	23	326.2	3066	1
24	5251	-	1692.0	591	0
25	5252	-	881.8	1134	1
26	5253	-	517.6	1932	1
27	5254	-	1216.5	822	1
28	5255	-	328.1	3048	0
29	5256	-	427.4	2340	1
30	5257	-	801.3	1248	1
Detection Percentage (%)					83.33
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	5308	5	192	23	1
2	5253	2	189	26	1
3	5297	4	226	26	1
4	5271	2	162	25	1
5	5313	3	209	29	1
6	5328	4	176	24	1
7	5304	4	193	25	1
8	5316	1	193	27	1
9	5322	3	217	27	1
10	5303	3	188	28	1
11	5316	3	219	24	1
12	5262	2	191	23	1
13	5306	2	209	24	0
14	5297	4	162	28	1
15	5297	5	181	26	1
16	5281	1	208	25	1
17	5300	1	183	24	1
18	5289	5	201	23	1
19	5284	4	222	26	1
20	5263	5	183	24	0
21	5289	1	187	29	1
22	5311	1	179	27	1
23	5275	5	154	25	1
24	5267	1	204	27	1
25	5293	1	200	24	1
26	5285	3	192	27	1
27	5266	3	198	24	1
28	5265	3	214	23	1
29	5264	1	153	25	1
30	5302	5	164	29	1
Detection Percentage (%)					93.33
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	5219	10	349	18	1
2	5280	8	331	18	1
3	5211	9	488	18	1
4	5272	10	376	16	0
5	5225	10	203	16	1
6	5249	7	290	18	1
7	5241	6	438	16	1
8	5279	9	497	16	1
9	5278	8	207	16	1
10	5258	8	368	18	1
11	5218	6	457	18	1
12	5277	6	271	16	1
13	5288	7	448	18	0
14	5218	7	251	18	1
15	5260	8	456	16	1
16	5248	9	427	17	1
17	5281	8	296	18	1
18	5216	9	415	16	1
19	5218	8	428	16	1
20	5211	6	336	18	1
21	5245	8	398	16	1
22	5223	7	446	17	1
23	5258	10	342	18	0
24	5233	10	205	17	1
25	5242	7	336	17	1
26	5254	9	378	18	1
27	5232	9	215	18	1
28	5276	9	267	18	1
29	5271	7	420	18	1
30	5258	7	314	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	5286	15	396	13	1
2	5255	15	396	16	1
3	5269	12	469	14	1
4	5285	20	384	13	1
5	5253	18	304	16	1
6	5269	12	209	15	1
7	5274	14	415	16	0
8	5277	16	380	14	1
9	5250	15	446	16	1
10	5270	15	475	12	1
11	5289	11	269	15	1
12	5287	18	307	14	1
13	5268	12	450	13	1
14	5290	19	254	12	1
15	5289	12	227	12	1
16	5277	20	430	13	1
17	5281	18	464	15	1
18	5288	17	266	16	0
19	5287	12	434	14	1
20	5260	14	353	15	1
21	5259	17	232	15	1
22	5250	15	334	12	1
23	5285	19	253	13	1
24	5264	16	496	13	1
25	5256	11	394	13	1
26	5273	15	298	13	1
27	5258	15	397	12	1
28	5284	17	483	15	0
29	5264	15	488	13	1
30	5272	19	470	12	1
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	83.33
2	93.33
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-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	18	3	92	13	1440	1924	135	1
2	5278	10	2	78	15	1830	1606	527	1
3	5253	16	3	82	9	1120	1026	983	1
4	5286	19	1	94	17	--	--	683	1
5	5269	13	2	66	15	1272	1201	798	1
6	5287	11	2	92	6	1526	1858	29	1
7	5282	14	1	91	15	1682	1512	253	0
8	5283	19	1	83	8	1176	1685	707	0
9	5276	11	3	71	19	1640	1634	737	1
10	5259	8	2	78	11	1492	1554	118	1
11	5262	20	2	73	10	1349	1488	237	1
12	5272	8	2	98	20	--	--	624	1
13	5289	17	2	55	16	1971	1149	273	1
14	5273	12	1	66	16	1630	1529	682	1
15	5290	17	3	94	8	1366	1536	221	1
16	5250	20	3	60	17	1281	1811	913	1
17	5286	13	1	73	11	1915	1126	300	1
18	5262	14	3	75	9	1575	1816	191	1
19	5288	11	2	56	12	1248	1844	715	1
20	5289	10	3	65	7	--	1407	498	1
21	5256	9	3	69	6	1993	1070	149	1
22	5263	12	1	90	16	1353	1047	748	1
23	5250	12	2	80	5	1611	1950	779	1
24	5284	12	2	87	13	1337	1435	969	1
25	5262	14	1	50	14	1536	--	970	1
26	5260	9	2	91	17	1567	1236	322	0
27	5268	11	2	93	13	1437	1046	623	1
28	5284	14	2	63	6	1816	1308	762	1
29	5251	11	1	79	19	1091	1460	337	1
30	5279	10	1	90	9	--	1824	915	1
Detection Percentage (%)									90.00
Limit									80%
Test Result									Complied

Type 6 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE20 mode-5260MHz)					
Trail #	Test Freq. (MHz)	Pulse / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=Detection
1	5260	9	1	333	1
2	5260	9	1	333	1
3	5260	9	1	333	1
4	5260	9	1	333	1
5	5260	9	1	333	1
6	5260	9	1	333	1
7	5260	9	1	333	0
8	5260	9	1	333	1
9	5260	9	1	333	1
10	5260	9	1	333	1
11	5260	9	1	333	1
12	5260	9	1	333	1
13	5260	9	1	333	1
14	5260	9	1	333	1
15	5260	9	1	333	1
16	5260	9	1	333	1
17	5260	9	1	333	1
18	5260	9	1	333	1
19	5260	9	1	333	1
20	5260	9	1	333	1
21	5260	9	1	333	1
22	5260	9	1	333	1
23	5260	9	1	333	1
24	5260	9	1	333	0
25	5260	9	1	333	1
26	5260	9	1	333	1
27	5260	9	1	333	1
28	5260	9	1	333	1
29	5260	9	1	333	1
30	5260	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-5270MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5269	1	1930.5	518	1
2	5278	16	1222.5	818	1
3	5253	3	1792.1	558	1
4	5286	4	1730.1	578	1
5	5269	22	1066.1	938	1
6	5287	6	1618.1	618	1
7	5282	7	1567.4	638	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	1
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 (%)					96.67
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	5270	2	199	26	1
2	5281	4	211	27	1
3	5292	4	183	27	1
4	5267	1	186	27	1
5	5277	1	229	24	0
6	5293	2	164	28	1
7	5302	4	218	26	1
8	5290	3	180	25	1
9	5318	3	210	25	0
10	5301	2	187	28	1
11	5256	4	164	26	1
12	5317	2	195	26	1
13	5326	5	210	23	1
14	5290	4	184	28	1
15	5282	1	196	23	1
16	5329	5	153	24	1
17	5278	4	180	27	0
18	5310	2	165	28	1
19	5258	1	191	29	1
20	5320	3	189	25	1
21	5253	3	183	26	1
22	5307	5	200	26	1
23	5273	1	201	23	1
24	5263	4	165	23	1
25	5254	2	222	25	1
26	5274	1	214	26	1
27	5315	5	178	24	1
28	5323	1	162	27	1
29	5310	1	159	27	1
30	5277	2	196	26	1
Detection Percentage (%)					90.00
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	426	17	1
2	5265	10	330	18	0
3	5246	6	425	17	1
4	5287	9	483	16	1
5	5282	8	265	16	1
6	5251	7	263	18	1
7	5235	10	362	18	1
8	5239	6	227	16	1
9	5229	8	344	17	1
10	5246	8	461	18	1
11	5286	10	440	18	1
12	5279	9	412	16	1
13	5241	8	314	16	1
14	5284	7	368	17	0
15	5267	7	446	17	1
16	5253	9	212	17	1
17	5252	9	482	18	1
18	5273	9	279	16	1
19	5276	9	232	17	1
20	5247	7	218	18	1
21	5231	6	409	17	1
22	5266	10	379	17	1
23	5214	7	304	16	1
24	5252	7	398	18	1
25	5247	7	205	18	0
26	5263	7	282	18	1
27	5214	6	259	17	1
28	5249	10	309	18	1
29	5228	9	390	18	1
30	5248	6	459	17	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	5280	17	204	14	1
2	5260	14	229	13	1
3	5277	19	239	14	0
4	5286	19	219	12	1
5	5271	13	353	16	1
6	5272	15	453	14	1
7	5251	14	452	13	1
8	5268	20	314	14	1
9	5261	14	342	15	1
10	5288	18	421	12	1
11	5272	18	223	13	1
12	5259	12	316	12	0
13	5286	17	367	14	1
14	5273	16	219	15	1
15	5263	18	244	14	1
16	5273	11	211	15	1
17	5285	18	334	15	1
18	5271	15	350	14	1
19	5289	13	395	13	1
20	5259	14	263	14	1
21	5286	13	264	12	1
22	5264	13	282	14	1
23	5276	12	384	13	1
24	5279	17	356	15	1
25	5255	13	223	12	1
26	5262	17	249	15	1
27	5250	19	307	15	1
28	5250	12	204	13	1
29	5270	13	208	14	1
30	5263	15	336	13	1
Detection Percentage (%)					93.33
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	96.67
2	90.00
3	90.00
4	93.33
Aggregate(Radar Types 1-4)	92.50
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	17	1	82	5	1115	1332	793	1
2	5278	19	2	60	8	1721	1960	54	1
3	5253	8	3	69	5	1497	1563	823	1
4	5286	17	2	66	17	1682	1604	382	1
5	5269	19	3	88	12	1088	1153	158	0
6	5287	9	2	99	19	1197	1205	6	1
7	5282	19	3	64	6	1174	1511	102	0
8	5283	19	3	80	10	1786	1625	478	1
9	5276	8	1	61	16	1928	1539	398	1
10	5259	9	2	57	17	1282	1357	874	1
11	5262	13	3	54	20	1952	1646	386	1
12	5272	11	3	66	12	1364	1790	257	1
13	5289	13	3	88	5	1230	1998	282	1
14	5273	18	2	65	17	1996	1547	693	1
15	5290	20	2	99	19	1223	1719	457	1
16	5250	8	2	57	13	1003	1519	586	1
17	5286	9	3	67	11	1265	1504	20	1
18	5262	16	2	93	5	1294	1166	266	1
19	5288	15	3	73	7	1794	1128	531	0
20	5289	20	3	52	6	1703	1435	313	1
21	5256	19	3	75	19	1723	1098	862	1
22	5263	18	3	90	6	1301	1029	407	1
23	5250	20	3	73	13	1471	1592	664	1
24	5284	9	2	97	12	1561	1666	372	1
25	5262	15	3	85	18	1782	1296	351	1
26	5260	18	3	73	18	1044	1215	10	1
27	5268	13	3	51	18	1223	1933	816	1
28	5284	10	2	84	18	1618	1273	972	1
29	5251	8	3	90	10	1379	1672	874	1
30	5279	9	1	93	13	1726	1020	878	1
Detection Percentage (%)									90.00
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	0
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	0
21	5270	9	1	333	0
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 (%)					86.67
Limit					70%
Test Result					Complied

Type 1 Rada Statistical Performance

Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)					
Trail #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequen (Per Second)	PRI (us)	1=Detection 0=Detection
1	5288	1	1930.5	518	1
2	5273	16	1222.5	818	1
3	5296	3	1792.1	558	0
4	5269	4	1730.1	578	1
5	5293	22	1066.1	938	1
6	5327	6	1618.1	618	1
7	5297	7	1567.4	638	1
8	5320	8	1519.8	658	1
9	5309	9	1474.9	678	1
10	5322	10	1432.7	698	1
11	5253	5	1672.2	598	1
12	5258	12	1355	738	1
13	5280	11	1392.8	718	1
14	5289	14	1285.3	778	0
15	5274	15	1253.1	798	1
16	5277	13	1319.3	758	1
17	5257	17	1193.3	838	1
18	5314	18	1165.6	858	1
19	5252	19	1139	878	1
20	5261	20	1113.6	898	1
21	5301	21	1089.3	918	1
22	5289	2	1858.7	538	1
23	5262	23	326.2	3066	1
24	5278	-	1692.0	591	1
25	5303	-	881.8	1134	1
26	5271	-	517.6	1932	1
27	5326	-	1216.5	822	1
28	5302	-	328.1	3048	1
29	5306	-	427.4	2340	1
30	5321	-	801.3	1248	1
Detection Percentage (%)					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	5314	3	212	28	0
2	5318	2	160	27	1
3	5325	1	188	24	1
4	5323	3	173	26	1
5	5317	3	210	28	1
6	5272	5	188	24	1
7	5256	1	168	26	0
8	5306	1	152	27	1
9	5279	4	191	26	1
10	5283	5	185	27	1
11	5294	3	194	27	1
12	5303	4	164	29	1
13	5278	2	195	26	1
14	5255	3	169	27	1
15	5267	4	152	29	1
16	5286	4	156	26	1
17	5287	4	156	23	0
18	5321	3	191	26	1
19	5310	4	198	29	1
20	5256	2	191	29	1
21	5277	1	177	27	1
22	5322	2	208	27	1
23	5259	2	169	23	1
24	5293	1	222	29	1
25	5292	3	217	27	1
26	5297	3	216	28	1
27	5324	3	192	27	1
28	5327	4	168	24	1
29	5266	4	201	24	1
30	5311	5	150	29	0
Detection Percentage (%)					86.67
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	5219	8	300	16	1
2	5270	9	326	18	1
3	5219	8	320	18	1
4	5254	6	261	17	1
5	5250	9	303	16	1
6	5249	7	390	16	1
7	5225	7	494	18	1
8	5264	9	500	17	1
9	5286	8	489	16	1
10	5266	7	474	17	0
11	5221	6	245	18	0
12	5216	9	299	18	1
13	5287	10	387	16	1
14	5218	7	394	17	1
15	5262	6	204	17	1
16	5241	6	324	17	1
17	5217	8	409	16	1
18	5275	7	423	16	1
19	5211	8	236	16	1
20	5287	9	256	18	1
21	5227	9	286	18	1
22	5248	9	467	17	1
23	5286	7	479	16	1
24	5222	8	270	18	1
25	5210	8	399	18	1
26	5285	9	351	17	1
27	5269	6	486	18	1
28	5251	7	320	17	1
29	5256	8	484	17	1
30	5285	6	459	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	5281	12	284	13	1
2	5274	17	392	16	0
3	5278	11	396	13	1
4	5290	17	445	12	1
5	5269	11	249	13	1
6	5290	20	296	14	1
7	5276	19	224	12	1
8	5258	14	495	12	1
9	5282	17	258	15	1
10	5285	17	255	16	0
11	5281	15	218	15	1
12	5268	12	438	14	1
13	5280	15	490	16	1
14	5277	16	269	12	1
15	5254	17	382	15	1
16	5273	14	313	15	1
17	5257	14	298	13	1
18	5283	16	281	15	1
19	5263	17	346	12	1
20	5271	12	394	16	1
21	5276	19	478	12	1
22	5276	16	211	16	1
23	5256	18	493	13	1
24	5283	20	250	14	1
25	5252	18	284	15	1
26	5280	20	468	15	1
27	5264	20	388	14	1
28	5261	13	483	15	1
29	5279	13	447	15	1
30	5289	14	267	13	0
Detection Percentage (%)					90.00
Limit					60%
Test Result					Complied

Total Type 1~4 Radar Statistical Performance

Radar Type #	Detection Percentage(%)
1	93.33
2	86.67
3	93.33
4	90.00
Aggregate(Radar Types 1-4)	90.83
Limit	80%
Test Result	Complied

Type 5 Rada Statistical Performance

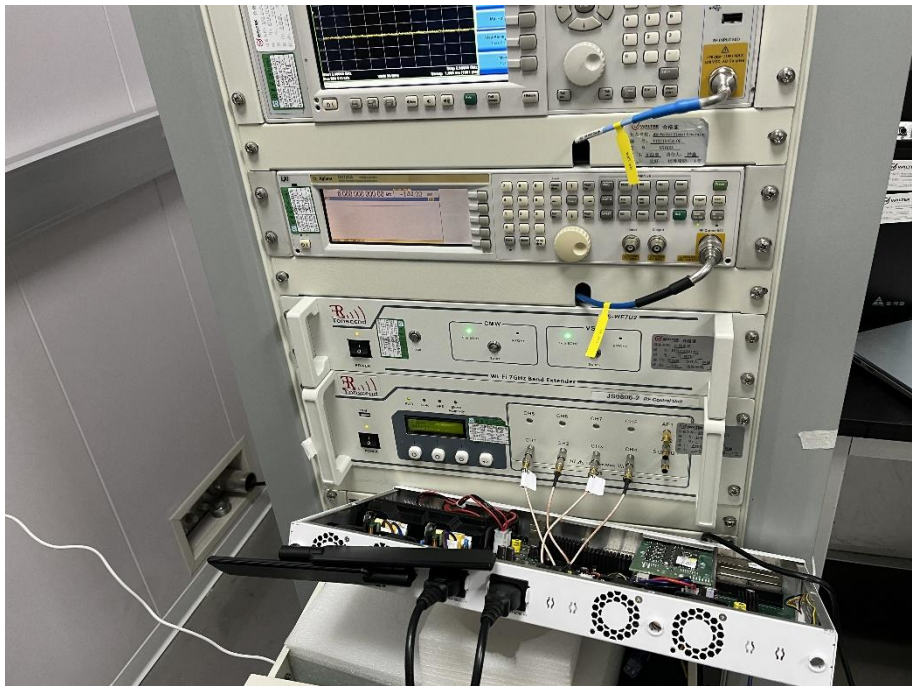
Radar Statistical Performance Check (802.11ax-HE80 mode-5290MHz)									
Trail #	Test Freq. (MHz)	Brust	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing(us)	Pulse 2-to-3 Spacing(us)	Starting Location Within Interval (ms)	1=Detection 0=Detection
1	5269	18	3	61	16	1680	1096	157	1
2	5278	16	1	75	14	1861	1182	658	1
3	5253	15	2	73	20	1762	1255	902	0
4	5286	9	2	85	14	1349	1073	251	1
5	5269	17	1	66	10	--	1244	321	1
6	5287	13	3	98	20	1409	1105	345	1
7	5282	15	3	62	18	1674	1063	73	1
8	5283	19	2	79	12	1392	1825	475	1
9	5276	10	2	71	17	1321	--	840	1
10	5259	11	3	58	17	1402	1076	109	1
11	5262	17	3	88	12	1174	1643	491	0
12	5272	15	3	78	9	1465	1274	324	1
13	5289	19	1	90	14	1591	1558	113	1
14	5273	9	2	58	18	1828	1739	251	1
15	5290	13	3	80	15	1169	1643	241	1
16	5250	14	3	54	8	1883	1548	563	1
17	5286	11	3	100	7	--	1115	652	0
18	5262	8	2	57	7	1649	1253	669	1
19	5288	11	2	59	15	1481	1472	366	1
20	5289	8	1	73	8	1929	1385	457	1
21	5256	19	2	79	13	1157	1531	960	1
22	5263	15	1	55	13	1551	1749	878	1
23	5250	19	3	97	5	1051	1494	521	1
24	5284	15	1	53	6	1277	1993	245	1
25	5262	12	3	81	16	1429	1814	122	1
26	5260	20	1	60	13	--	--	501	1
27	5268	13	2	60	11	1787	1091	546	0
28	5284	15	2	69	8	1086	1556	418	1
29	5251	17	3	55	9	1210	1753	239	1
30	5279	13	3	58	9	--	--	391	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	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	0
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	1
17	5290	9	1	333	0
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	0
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 (%)					90.00
Limit					70%
Test Result					Complied

EXHIBIT 1 - TEST SETUP PHOTOGRAPHS

DFS Test Setup



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