



RF TEST REPORT

Report No.: 20241217G26961X-W6

Product Name: 5G Mobile Phone

Model No.: NX789J

FCC ID: 2A9QD-NX789J

Applicant: Shenzhen Tengfei Technology Management Ltd.

Address: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District Shenzhen, China

Dates of Testing: 12/18/2024 - 01/14/2025

Issued by: CCIC Southern Testing Co., Ltd.

Lab Location: Electronic Testing Building, No.43, Shahe Road, Xili Street, Nanshan District, Shenzhen, Guangdong, China.

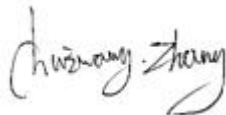
Tel: 86-755-26627338 **E-Mail:** manager@ccic-set.com

This test report consists of 121 pages in total. It may be duplicated completely for legal use with the approval of the applicant. It should not be reproduced except in full, without the written approval of our laboratory. The client should not use it to claim product endorsement by CCIC-SET. The test results in the report only apply to the tested sample. The test report shall be invalid without all the signatures of testing engineers, reviewer and approver. Any objections must be raised to CCIC-SET within 15 days since the date when the report is received. It will not be taken into consideration beyond this limit.

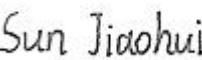


Test Report

Product.....: 5G Mobile Phone
Brand Name: REDMAGIC
Applicant.....: Shenzhen Tengfei Technology Management Ltd.
Applicant Address.....: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District Shenzhen, China
Manufacturer.....: Shenzhen Tengfei Technology Management Ltd.
Manufacturer Address.....: Room 3101, Building D1, Chuangzhi Yuncheng, Liuxian Avenue, Xili Street, Nanshan District Shenzhen, China
Test Standards.....: 47 CFR Part 15 Subpart E 15.407
ANSI C63.10-2020
Test Result.....: Pass

Tested by:  2025.01.14

Chuiwang Zhang, Test Engineer

Reviewed by.....:  2025.01.14

Sun Jiaohui, Senior Engineer

Approved by.....:  2025.01.14

Chris You, Manager



Table of Contents

1. GENERAL INFORMATION	5
1.1. EUT Description	5
1.2. Test Standards and Results	7
1.3. Channel List	8
1.4. Test environment and mode	10
1.5. Table for Supporting Units	13
1.6. Laboratory Facilities	14
2. 47 CFR PART 15E REQUIREMENTS	15
2.1. Antenna requirement	15
2.2. Maximum Conducted Output Power	16
2.3. Power spectral density (PSD)	19
2.4. 26dB Emission Bandwidth and 99% Occupied Bandwidth	21
2.5. Frequency Stability	23
2.6. Radiated Band Edge and Spurious Emission	25
2.7. AC Power Line Conducted Emission	46
3. LIST OF MEASURING EQUIPMENT	50
4. UNCERTAINTY OF EVALUATION	51
APPENDIX A	52



Change History		
Issue	Date	Reason for change
1.0	2025.01.14	First edition

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	5G Mobile Phone
EUT supports Radios application	WLAN5.0GHz 802.11a/n/ac/ax
Product Type	Client devices
Modulation Type	802.11a/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDM, OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300 Mbps (2x2MIMO) 802.11ac: up to 1733.333 Mbps (2x2MIMO) 802.11ax: up to 2401.961 Mbps (2x2MIMO)
Frequency Range	UNII-1: 5150 ~ 5250MHz UNII-2a: 5250 ~ 5350MHz UNII-2c: 5470 ~ 5725MHz UNII-3: 5725 ~ 5850MHz
Channel Bandwidth	802.11a: 20MHz 802.11n: 20MHz/40MHz 802.11ac/ax: 20MHz/40MHz/80MHz/160MHz
Channel Number	UNII-1: 4 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80) UNII-2a: 4 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80) 1 for 802.11ac(VHT160), 802.11ax(HE160) UNII-2c: 11 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 5 for 802.11n(HT40), 802.11ac(VHT40)), 802.11ax(HE40) 2 for 802.11ac(VHT80), 802.11ax(HE80) 1 for 802.11ac(VHT160), 802.11ax(HE160) UNII-3: 5 for 802.11a, 802.11n(HT20), 802.11ac(VHT20), 802.11ax(HE20) 2 for 802.11n(HT40), 802.11ac(VHT40)), 802.11ax(HE40) 1 for 802.11ac(VHT80), 802.11ax(HE80)
Antenna Type	Internal Antenna



Antenna Gain	Antenna 1: -0.29dBi Antenna 2: 0.40dBi
Output Power (Max.)	UNII-1: 15.39dBm UNII-2a: 16.33dBm UNII-2c: 16.76dBm UNII-3: 12.96dBm
Power supply	Rechargeable Li-ion Polymer Battery DC7.68V/3450mAh

Note 1: The information of antenna gain and cable loss is provided by the manufacturer and our lab is not responsible for the accuracy of the antenna gain and cable loss information.

1.2. Test Standards and Results

The purpose of the report is to conduct testing according to the following FCC certification standards:

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E §15.407	Radio Frequency Devices
2	KDB789033 D02 General UNII Test Procedures New Rules v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB 662911 D01 Multiple Transmitter Output v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band
4	ANSI C63.10-2020	American National Standard for Testing Unlicensed Wireless Devices

Test detailed items/section required by FCC rules and results are as below:

No.	FCC Rule	Description	Result
1	15.203 15.407(a)	Antenna Requirement	PASS
2	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	Maximum Conducted Output Power	PASS
3	15.407(a)(12)	26dB Emission Bandwidth and 99% Occupied Bandwidth	PASS
4	15.407(e)	6dB Emission Bandwidth	PASS
5	15.407(a)(1)(iv) 15.407 (a)(2) 15.407(a)(3)(i)	Power spectral density (PSD)	PASS
6	15.207	AC Power Line Conducted Emission	PASS
7	15.205 15.209 15.407(b)(1) 15.407(b)(2) 15.407(b)(3) 15.407(b)(4)	Radiated Band Edges and Spurious Emission	PASS
8	15.407(g)	Frequency Stability	PASS

1.3. Channel List

Operated band in 5150 MHz ~ 5250MHz

4 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20 and 802.11ax-HE20.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	44	5220
40	5200	48	5240

2 channels are provided for 802.11n-HT40, 802.11ac-VHT40 and 802.11ax-HE40.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
38	5190	46	5230

1 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
42	5210	/	/

Operated band in 5250 MHz ~ 5350MHz

4 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20 and 802.11ax-HE20.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
52	5260	60	5300
56	5280	64	5320

2 channels are provided for 802.11n-HT40, 802.11ac-VHT40 and 802.11ax-HE40.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
54	5270	62	5310

1 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
58	5290	/	/

1 channels are provided for 802.11ac-VHT160 and 802.11ax-HE160.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
50	5250	/	/

Operated band in 5470 MHz ~ 5725MHz

11 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20 and 802.11ax-HE20.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
100	5500	116	5580	132	5660
104	5520	120	5600	136	5680
108	5540	124	5620	140	5700
112	5560	128	5640	/	/

5 channels are provided for 802.11n-HT40, 802.11ac-VHT40 and 802.11ax-HE40.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
102	5510	118	5590	134	5670
110	5550	126	5630	/	/

2 channels are provided for 802.11ac-VHT80 and 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
106	5530	122	5610	/	/

1 channels are provided for 802.11ac-VHT160 and 802.11ax-HE160.

Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
114	5570	/	/	/	/

Operated band in 5725 MHz ~ 5850MHz

5 channels are provided for 802.11a, 802.11n-HT20, 802.11ac-VHT20, 802.11ax-HE20.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
149	5745	161	5805
153	5765	165	5825
157	5785		

2 channels are provided for 802.11n-HT40, 802.11ac-VHT40, 802.11ax-HE40.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
151	5755	159	5795

1 channel are provided for 802.11ac-VHT80, 802.11ax-HE80.

Channel	Frequency(MHz)	Channel	Frequency(MHz)
155	5775	/	/

1.4. Test environment and mode

During the measurement, the environmental conditions were within the listed ranges:

Operating Environment	
Temperature	15°C - 35°C
Humidity	30% -60%
Atmospheric Pressure	86kPa-106kPa
Test mode:	
Continuously transmitting mode	Keep the EUT in continuous transmitting with modulation

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

For Frequency band 5150 ~ 5250 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5180	5220	5240	6 Mbps
802.11n-HT20/ac-VHT20/ax-HE20				MCS 0
802.11n-HT40/ac-VHT40/ax-HE40	5190	/	5230	MCS 0
802.11ac-VHT80/ax-HE80	5210	/	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5250 ~ 5350 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5260	5300	5320	6 Mbps
802.11n-HT20/ac-VHT20/ax-HE20				MCS 0
802.11n-HT40/ac-VHT40/ax-HE40	5270	/	5310	MCS 0
802.11ac-VHT80/ax-HE80	5290	/	/	MCS 0
802.11ac-VHT160/ax-HE160	/	5250	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5470 ~ 5725 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5500	5580	5700	6 Mbps
802.11n-HT20/ac-VHT20/ax-HE20				MCS 0
802.11n-HT40/ac-VHT40/ax-HE40	5510	5550	5670	MCS 0
802.11ac-VHT80/ax-HE80	5530	/	/	MCS 0
802.11ac-VHT160/ax-HE160	/	5570	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

For Frequency band 5725 ~ 5850 MHz				
Test Mode	Frequency(MHz)			Data rate
	LCH	MCH	HCH	
802.11a	5745	5785	5825	6 Mbps
802.11n-HT20/ac-VHT20/ax-HE20				MCS 0
802.11n-HT40/ac-VHT40/ax-HE40	5755	/	5795	MCS 0
802.11ac-VHT80/ax-HE80	5775	/	/	MCS 0
Note: After scanning all modulation types and data rates for all test patterns, the above list was found to be the worst case.				

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation modes or test configuration modes mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	TX 802.11a SISO Mode
Mode 2	TX 802.11n-HT20 SISO Mode
Mode 3	TX 802.11n-HT40 SISO Mode
Mode 4	TX 802.11ac-VHT20 SISO Mode
Mode 5	TX 802.11ac-VHT40 SISO Mode
Mode 6	TX 802.11ac-VHT80 SISO Mode
Mode 7	TX 802.11ac-VHT160 SISO Mode
Mode 8	TX 802.11ax-HE20 SISO Mode
Mode 9	TX 802.11ax-HE40 SISO Mode
Mode 10	TX 802.11ax-HE80 SISO Mode
Mode 11	TX 802.11ax-HE160 SISO Mode
Mode 12	TX 802.11n-HT20 2*2MIMO Mode
Mode 13	TX 802.11n-HT40 2*2MIMO Mode
Mode 14	TX 802.11ac-VHT20 2*2MIMO Mode
Mode 15	TX 802.11ac-VHT40 2*2MIMO Mode
Mode 16	TX 802.11ac-VHT80 2*2MIMO Mode
Mode 17	TX 802.11ac-VHT160 2*2MIMO Mode
Mode 18	TX 802.11ax-HE20 2*2MIMO Mode
Mode 19	TX 802.11ax-HE40 2*2MIMO Mode
Mode 20	TX 802.11ax-HE80 2*2MIMO Mode
Mode 21	TX 802.11ax-HE160 2*2MIMO Mode
Mode 22	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 22	TX Mode
For Radiated Test	
Final Test Mode	Description
Mode 1	TX 802.11a SISO Mode
Mode 2	TX 802.11n-HT20 SISO Mode
Mode 3	TX 802.11n-HT40 SISO Mode
Mode 4	TX 802.11ac-VHT20 SISO Mode
Mode 5	TX 802.11ac-VHT40 SISO Mode
Mode 6	TX 802.11ac-VHT80 SISO Mode
Mode 7	TX 802.11ac-VHT160 SISO Mode
Mode 8	TX 802.11ax-HE20 SISO Mode
Mode 9	TX 802.11ax-HE40 SISO Mode
Mode 10	TX 802.11ax-HE80 SISO Mode
Mode 11	TX 802.11ax-HE160 SISO Mode
Mode 12	TX 802.11n-HT20 2*2MIMO Mode
Mode 13	TX 802.11n-HT40 2*2MIMO Mode
Mode 14	TX 802.11ac-VHT20 2*2MIMO Mode
Mode 15	TX 802.11ac-VHT40 2*2MIMO Mode
Mode 16	TX 802.11ac-VHT80 2*2MIMO Mode
Mode 17	TX 802.11ac-VHT160 2*2MIMO Mode
Mode 18	TX 802.11ax-HE20 2*2MIMO Mode
Mode 19	TX 802.11ax-HE40 2*2MIMO Mode
Mode 20	TX 802.11ax-HE80 2*2MIMO Mode
Mode 21	TX 802.11ax-HE160 2*2MIMO Mode
Mode 22	TX Mode

1.5. Table for Supporting Units

No.	Equipment	Brand Name	Model Name	Manufacturer	Serial No.	Note
1	Laptop	HP	TPN-Q221	HP	5CD14347QB	FCC DOC



1.6. Laboratory Facilities

FCC-Registration No.: CN1283

CCIC Southern Testing 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. Designation Number: CN1283, valid time is until Jun. 30th, 2025.

ISED Registration: 11185A

CCIC Southern Testing Co., Ltd. EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 11185A on Aug. 04, 2016, valid time is until Jun. 30th, 2025.

CAB number: CN0064

A2LA Code: 5721.01

CCIC-SET is a third party testing organization accredited by A2LA according to ISO/IEC 17025. The accreditation certificate number is 5721.01.

2. 47 CFR Part 15E Requirements

2.1. Antenna requirement

2.1.1. Applicable Standard

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

According to FCC 15.407(a)(1): For client devices in the 5.15-5.25 GHz band, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to FCC 15.407(a)(2): For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to FCC 15.407(a)(3): For the band 5.725-5.850 GHz, If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

2.1.2. Antenna Information

Antenna Category: Internal Antenna

A internal Antenna was soldered to the antenna port of EUT via an adaptor cable, can't be removed.

Antenna General Information:

For SISO, there is only one transmitter output therefore the directional gain is equal to the antenna gain.

For MIMO, since the EUT is uncorrelated with each other across all Tx chains. The directional gains are as follows:

Operating frequency range	Ant1. Gain (dBi)	Ant2. Gain (dBi)	Uncorrelated Chains Directional gain (dBi)
UNII-1, UNII-2a, UNII-2c, UNII-3	-0.29	0.4	0.07

Note 1: Uncorrelated directional gain = $10 \log[(10^{\text{Ant1}/10} + 10^{\text{Ant2}/10}) / N_{\text{ANT}}]$ dBi.

2.1.3. Result: comply

The EUT has two permanently and irreplaceable attached antenna. Please refer to the EUT internal photos.

2.2. Maximum Conducted Output Power

2.2.1. Limit of Maximum Conducted Output Power

FCC Part 15.407(a):

The maximum conducted output power should not exceed:

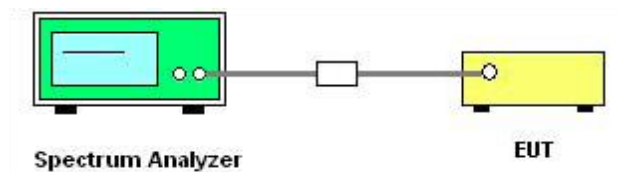
Band	EUT Category	Limit
U-NII-1	☐ Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW(21dBm) at any elevation angle above 30 degrees as measured from the horizon)
	☐ Fixed point-to-point Access device	1 Watt (30 dBm)
	☐ Indoor Access Point	1 Watt (30 dBm)
	☒ Mobile and portable client device	250mW (24 dBm)
U-NII-2A	☒	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-2C	☒	250mW (24 dBm) or 11dBm+10logB* Whichever is less.
U-NII-3	☒	1 Watt (30 dBm)

Note: B* is the 26 dB emission bandwidth in MHz.

2.2.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.2.3. Test Setup



2.2.4. Test Procedures

1. The testing follows the of KDB 789033 D02 v02r01 Section II.E.2.b and ANSI C63.10-2020 Section 12.4.2.2.
2. The RF output of EUT was connected to spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Power is calculated by integrating over the spectrum of the entire 99% OBW signal using the instrument's band power measurement feature.
4. Set span to encompass the entire 99% OBW of the signal.
5. Set RBW = 1MHz, VBW $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).



6. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Replace the EUT center frequency and repeat steps 3~7.



2.2.5. Test Results of Maximum Conducted Output Power

Please refer to APPENDIX A for detail.

2.3. Power spectral density (PSD)

2.3.1. Limit of Power Spectral Density

FCC Part 15.407(a)

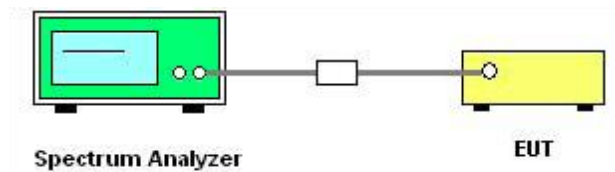
The maximum power spectral density should not exceed:

Band	EUT Category	Limit
U-NII-1	☐ Outdoor Access Point	17 dBm/MHz
	☐ Fixed point-to-point Access device	
	☐ Indoor Access Point	
	☒ Mobile and portable client device	11 dBm/MHz
U-NII-2A	☒	11 dBm/MHz
U-NII-2C	☒	11 dBm/MHz
U-NII-3	☒	30dBm/500kHz

2.3.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.3.3. Test Setup



2.3.4. Test Procedures

1. The testing follows the of KDB 789033 D02 v02r01 Section II.F and ANSI C63.10-2020 Section 12.6.
2. The RF output of EUT was connected to spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set span to encompass the entire 99% OBW of the signal.
4. For U-NII-1, U-NII-2a, U-NII-2c Band: Set RBW = 1MHz, VBW $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
5. For U-NII-3 Band: Set RBW = 500kHz, VBW $\geq$ 3MHz, Sweep time = Auto, Detector = power averaging (RMS).
6. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Use the peak search function on the instrument to find the peak of the spectrum.



9. Replace the EUT center frequency and repeat steps 3~8.

2.3.5. Test Result of Power Spectral Density

Please refer to APPENDIX A for detail.

2.4. 26dB Emission Bandwidth and 99% Occupied Bandwidth

2.4.1. Limit of 26dB Emission Bandwidth and 99% Occupied Bandwidth

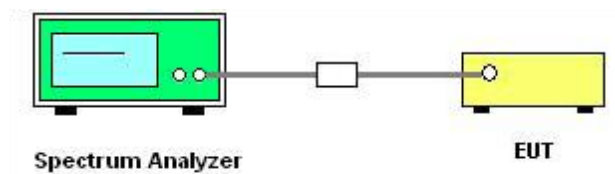
26dB Emission Bandwidth and 99% Occupied Bandwidth no Bandwidth limit.

The minimum 6dB bandwidth of U-NII-3 shall be at least 500 kHz.

2.4.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.4.3. Test Description



2.4.4. Test Procedures

1. The testing follows the of KDB 789033 D02 v02r01 Section II.C.D and ANSI C63.10-2020 Section 12.5.
2. The RF output of EUT was connected to spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Use the spectrum analyzer “Channel Bandwidth” function to easurement the 26dB EBW, 6dB EBW and 99% OBW.
4. Set center frequency to the nominal EUT channel center frequency.
5. Set span = 1.5 times to 5.0 times the OBW or EBW.
6. For 26dB EBW and 99% OBW Measurement:
Set RBW = approximately 1% EBW or 1.5 times to 5.0 times the OBW, $VBW \geq 3 \times RBW$.
7. For 6dB EBW Measurement:
Set RBW =100kHz, $VBW \geq 3 \times RBW$.
8. Set Detector = Peak, Trace mode = max hold and Sweep time = auto couple.
9. Allow the trace to stabilize.
10. Replace the EUT center frequency and repeat steps 3~9.



2.4.5. Test Results of 26dB Emission Bandwidth and 99% Occupied Bandwidth

Please refer to APPENDIX A for detail.

2.5. Frequency Stability

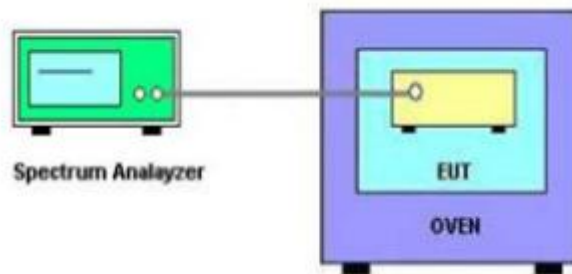
2.5.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

2.5.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.5.3. Test Setup



2.5.4. Test Procedures

1. The testing follows the of KDB 789033 D02 v02r01 Section II.A.3 and ANSI C63.10-2020 Section 6.8.
2. The EUT is installed in an environment test chamber with external power source, was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set the chamber to operate at 50°C and external power source to output at nominal voltage of EUT.
5. A sufficient stabilization period at each temperatures in used prior to each frequency measurement.
6. The test shall be performed under -30°C to 50°C and 85% to 115% of the nominal voltage. Change setting of chamber and external power source to complete all conditions.
7. Replace the EUT center frequency and repeat steps 3~6.



2.5.5. Test Result of Frequency Stability

Please refer to APPENDIX A for detail.

2.6. Radiated Band Edge and Spurious Emission

2.6.1. Limit of Radiated Band Edges and Spurious Emission

Radiated emission which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level ($\mu\text{V/m}$).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Limits of unwanted emission out of the restricted bands

FCC Part 15.407(b)			
Frequency Band (MHz)	Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength @3m (dB $\mu\text{V/m}$)
5150 - 5250	Outside of the 5.15~5.35 GHz	-27	68.2
5725 - 5850	< 5650	-27	68.2
	5650~5700	-27~10	68.2~105.2
	5700~5720	10~15.6	105.2~110.8
	5720~5725	15.6~27	110.8~122.2
	5850~5855	27~15.6	122.2~110.8
	5855~5875	15.6~10	110.8~105.2
	5875~5925	10~-27	105.2~68.2
	> 5925	-27	68.2

Note:

- 1) $\text{EIRP}[\text{dBm}] = \text{E}[\text{dB}\mu\text{V/m}] + 20 \log (d[\text{m}]) - 104.77$, d is the measurement distance in m.
- 2) $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 68.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = -27\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 105.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 10\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 110.8 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 15.6\text{dBm}$.
 $\text{E}[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2 = 122.2 \text{ dB}\mu\text{V/m}$, for $\text{EIRP}[\text{dBm}] = 27\text{dBm}$.

Applicable To	Limit	
KDB 789033 D02 General UNII Test Procedures New Rules v02r01	Field Strength at 3m	
	PK: 68.2(dBμV/m)	AV: 54 (dBμV/m)

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41	/	/	/

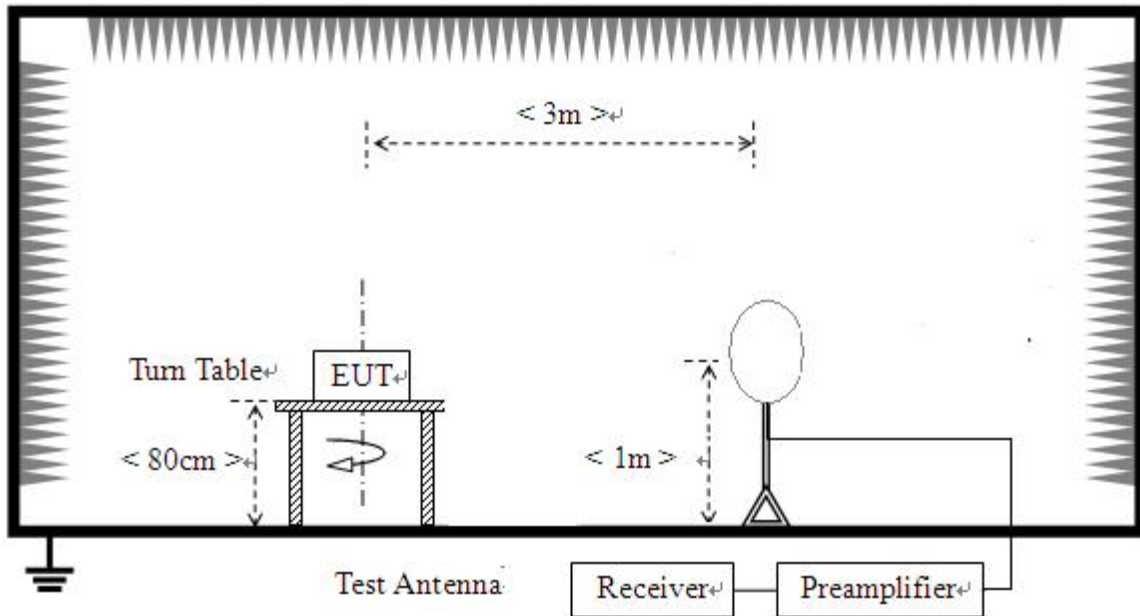
Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
²Above 38.6.

2.6.2. Measuring Instruments

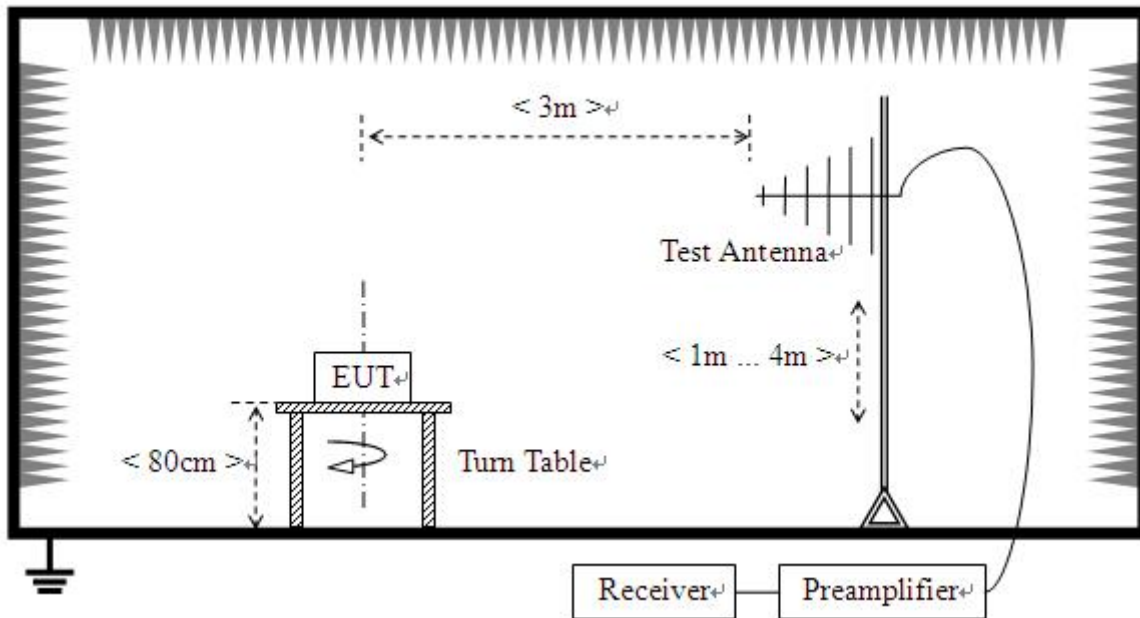
The measuring equipment is listed in the section 3 of this test report.

2.6.3. Test Setup

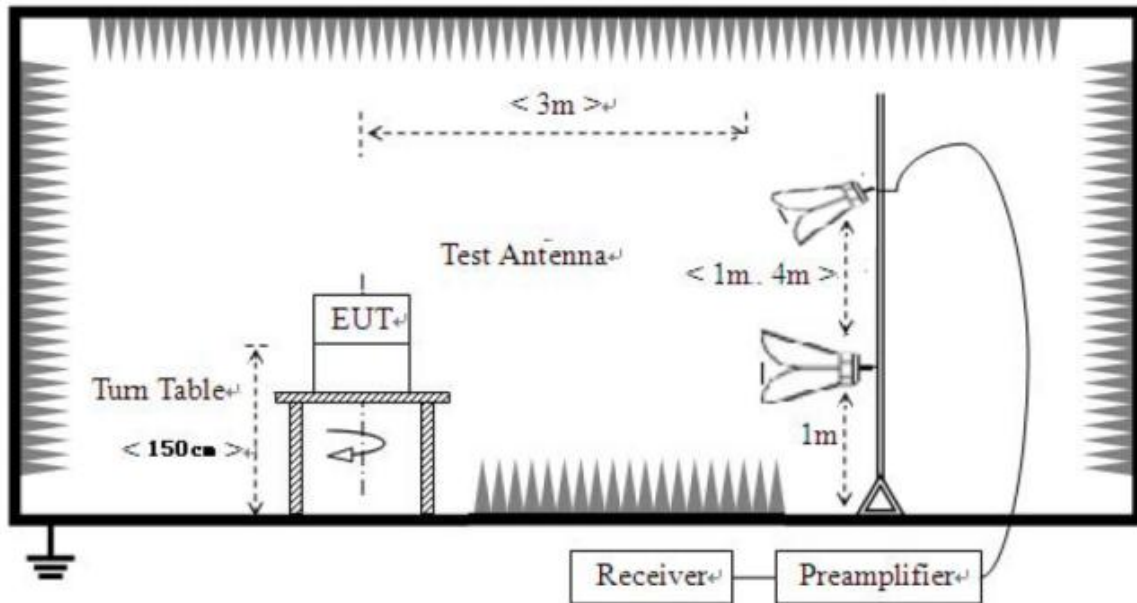
For radiated emissions from 9 kHz to 30 MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



2.6.4. Test Procedures

1. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
6. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for

Quasi-peak detection (QP) at frequency below 1 GHz.

2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor ($10 \log(1/\text{duty cycle})$).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
5. Only worst-Case mode data provide here, 802.11a (20MHz) 5180MHz for Below 1GHz.

2.6.5. Test Result of Radiated Band Edge and Spurious Emission

For 9 kHz to 30MHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

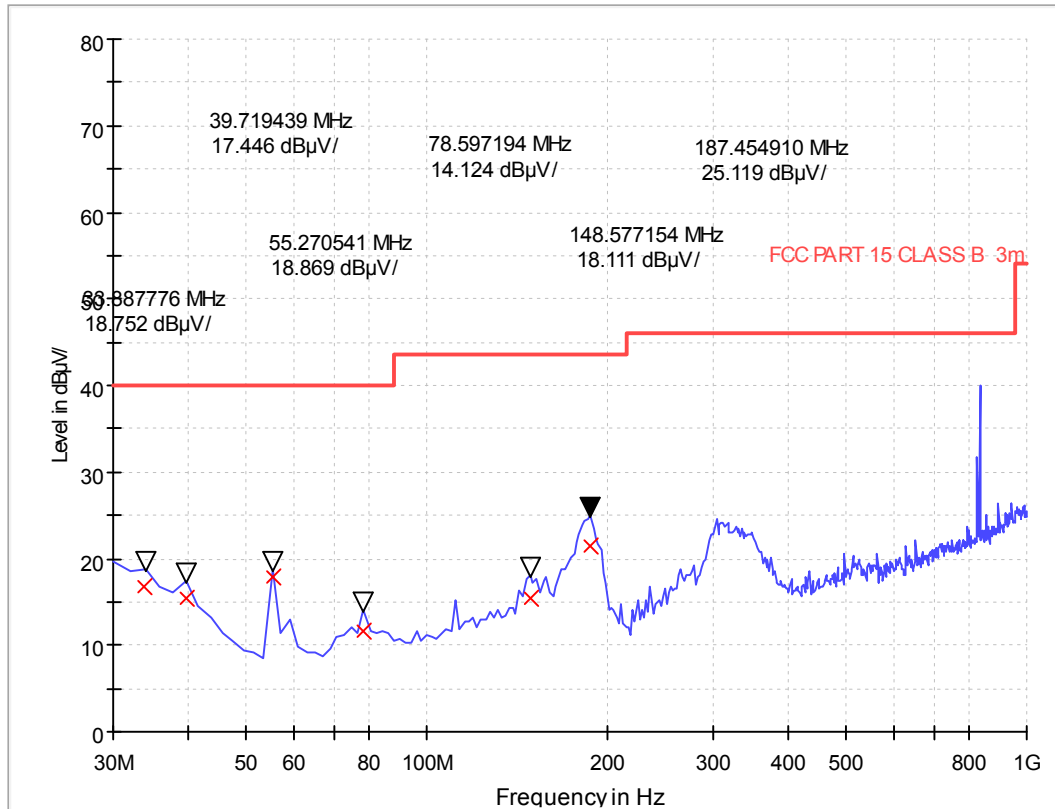
For 30MHz to 1GHz, All of the EUT Configure mode were tested and found 802.11a_5580MHz (Ant1) channel is the worst mode, the worst case is recorded in this report.

For 1GHz to 18GHz, Only worst-case data is reported.

For above 18GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

For 30MHz to 1000 MHz

Test site:	3M anechoic chamber	Environment:	Temp: 23℃; Humi:48%;101kPa
Operator:	Huang Chaoming	Test Date:	2024.12.25
Test Mode:	5G WIFI - TX	Test Result:	Pass

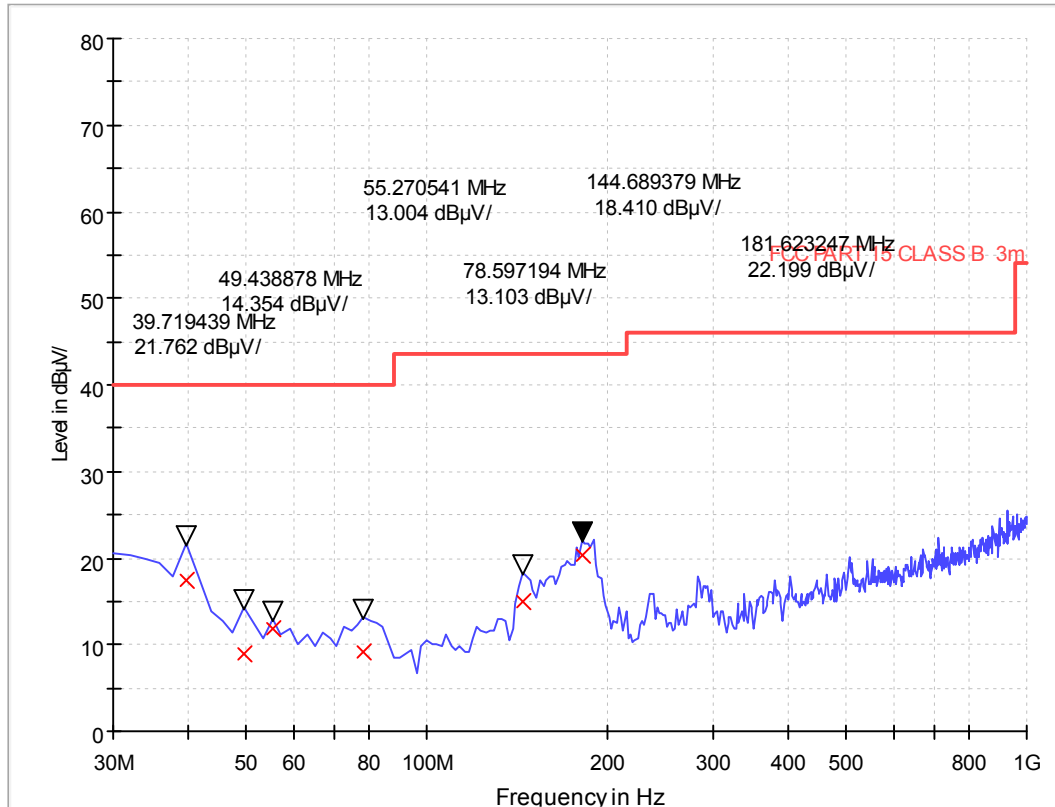


Frequency (MHz)	QuasiPeak (dBμV/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK(dB)	Limit - QPK
33.880000	16.82	120.000	100.0	H	17.2	23.18	40.0
39.720000	15.47	120.000	100.0	H	14.4	24.53	40.0
55.280000	17.87	120.000	100.0	H	7.0	22.13	40.0
78.600000	11.61	120.000	100.0	H	7.7	28.39	40.0
148.560000	15.40	120.000	100.0	H	12.1	28.10	43.5
187.440000	21.52	120.000	100.0	H	11.8	21.98	43.5

Remark:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
- Margin value = Limit value - Emission Level.
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- Only the antenna height (from 1m to 4m) at maximum reading are recorded.

Test site:	3M anechoic chamber	Environment:	Temp: 23°C; Humi:48%;101kPa
Operator:	Huang Chaoming	Test Date:	2024.12.25
Test Mode:	5G WIFI - TX	Test Result:	Pass



Frequency (MHz)	QuasiPeak (dBμV/m)	Bandwidth (kHz)	Height (cm)	Polarity	Corr. (dB/m)	Margin - QPK	Limit - QPK
39.720000	17.32	120.000	100.0	V	14.4	22.68	40.0
49.440000	8.95	120.000	100.0	V	9.2	31.05	40.0
55.280000	11.88	120.000	100.0	V	7.0	28.12	40.0
78.600000	9.23	120.000	100.0	V	7.7	30.77	40.0
144.680000	15.06	120.000	100.0	V	11.9	28.44	43.5
181.640000	20.24	120.000	100.0	V	11.8	23.26	43.5

Remark:

- Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m).
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB).
- Margin value = Limit value - Emission Level.
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- Only the antenna height (from 1m to 4m) at maximum reading are recorded.

For 1GHz to 40 GHz

U-NII-1_802.11a_5180MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.96	68.20	-21.24	1.50	200	46.52	0.44	Horizontal	Peak
5150.00	37.73	54.00	-16.27	1.50	200	37.29	0.44	Horizontal	Average
10360.00	55.12	68.20	-13.08	1.50	200	44.66	10.46	Horizontal	Peak
10360.00	46.43	54.00	-7.57	1.50	200	35.97	10.46	Horizontal	Average
5150.00	46.33	68.20	-21.87	1.50	180	45.89	0.44	Vertical	Peak
5150.00	38.19	54.00	-15.81	1.50	180	37.75	0.44	Vertical	Average
10360.00	56.84	68.20	-11.36	1.50	180	46.38	10.46	Vertical	Peak
10360.00	46.09	54.00	-7.91	1.50	180	35.63	10.46	Vertical	Average
U-NII-1_802.11a_5240MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	45.64	68.20	-22.56	1.50	200	45.39	0.25	Horizontal	Peak
5350.00	37.21	54.00	-16.79	1.50	200	36.96	0.25	Horizontal	Average
10480.00	55.32	68.20	-12.88	1.50	200	44.32	11.00	Horizontal	Peak
10480.00	46.47	54.00	-7.53	1.50	200	35.47	11.00	Horizontal	Average
5350.00	46.98	68.20	-21.22	1.50	180	46.73	0.25	Vertical	Peak
5350.00	36.91	54.00	-17.09	1.50	180	36.66	0.25	Vertical	Average
10480.00	56.67	68.20	-11.53	1.50	180	45.67	11.00	Vertical	Peak
10480.00	46.17	54.00	-7.83	1.50	180	35.17	11.00	Vertical	Average
Remark: 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-1_802.11n-HT40_5190MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.95	68.20	-21.25	1.50	200	46.51	0.44	Horizontal	Peak
5150.00	38.64	54.00	-15.36	1.50	200	38.20	0.44	Horizontal	Average
10380.00	55.73	68.20	-12.47	1.50	200	45.20	10.53	Horizontal	Peak
10380.00	46.90	54.00	-7.10	1.50	200	36.37	10.53	Horizontal	Average
5150.00	46.25	68.20	-21.95	1.50	180	45.81	0.44	Vertical	Peak
5150.00	38.00	54.00	-16.00	1.50	180	37.56	0.44	Vertical	Average
10380.00	56.99	68.20	-11.21	1.50	180	46.46	10.53	Vertical	Peak
10380.00	45.95	54.00	-8.05	1.50	180	35.42	10.53	Vertical	Average

U-NII-1_802.11n-HT40_5230MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	46.40	68.20	-21.80	1.50	200	46.15	0.25	Horizontal	Peak
5350.00	37.50	54.00	-16.50	1.50	200	37.25	0.25	Horizontal	Average
10460.00	55.65	68.20	-12.55	1.50	200	44.74	10.91	Horizontal	Peak
10460.00	46.80	54.00	-7.20	1.50	200	35.89	10.91	Horizontal	Average
5350.00	47.13	68.20	-21.07	1.50	180	46.88	0.25	Vertical	Peak
5350.00	36.45	54.00	-17.55	1.50	180	36.20	0.25	Vertical	Average
10460.00	56.69	68.20	-11.51	1.50	180	45.78	10.91	Vertical	Peak
10460.00	46.04	54.00	-7.96	1.50	180	35.13	10.91	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-1_802.11ac-VHT80_5210MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.39	68.20	-21.81	1.50	200	45.95	0.44	Horizontal	Peak
5150.00	38.56	54.00	-15.44	1.50	200	38.12	0.44	Horizontal	Average
5350.00	45.90	68.20	-22.30	1.50	200	45.65	0.25	Horizontal	Peak
5350.00	37.44	54.00	-16.56	1.50	200	37.19	0.25	Horizontal	Average
10420.00	55.69	68.20	-12.51	1.50	200	44.98	10.71	Horizontal	Peak
10420.00	47.24	54.00	-6.76	1.50	200	36.53	10.71	Horizontal	Average
5150.00	46.01	68.20	-22.19	1.50	180	45.57	0.44	Vertical	Peak
5150.00	37.43	54.00	-16.57	1.50	180	36.99	0.44	Vertical	Average
5350.00	47.15	68.20	-21.05	1.50	180	46.90	0.25	Vertical	Peak
5350.00	36.08	54.00	-17.92	1.50	180	35.83	0.25	Vertical	Average
10420.00	57.31	68.20	-10.89	1.50	180	46.60	10.71	Vertical	Peak
10420.00	46.18	54.00	-7.82	1.50	180	35.47	10.71	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11a_5260MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	47.02	68.20	-21.18	1.50	200	46.58	0.44	Horizontal	Peak
5150.00	37.53	54.00	-16.47	1.50	200	37.09	0.44	Horizontal	Average
10520.00	55.53	68.20	-12.67	1.50	200	44.35	11.18	Horizontal	Peak
10520.00	46.05	54.00	-7.95	1.50	200	34.87	11.18	Horizontal	Average
5150.00	46.31	68.20	-21.89	1.50	180	45.87	0.44	Vertical	Peak
5150.00	38.06	54.00	-15.94	1.50	180	37.62	0.44	Vertical	Average
10520.00	56.79	68.20	-11.41	1.50	180	45.61	11.18	Vertical	Peak
10520.00	46.33	54.00	-7.67	1.50	180	35.15	11.18	Vertical	Average
U-NII-2A_802.11a_5320MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	45.15	68.20	-23.05	1.50	200	44.90	0.25	Horizontal	Peak
5350.00	37.18	54.00	-16.82	1.50	200	36.93	0.25	Horizontal	Average
10640.00	55.15	68.20	-13.05	1.50	200	43.83	11.32	Horizontal	Peak
10640.00	46.23	54.00	-7.77	1.50	200	34.91	11.32	Horizontal	Average
5350.00	47.11	68.20	-21.09	1.50	180	46.86	0.25	Vertical	Peak
5350.00	36.95	54.00	-17.05	1.50	180	36.70	0.25	Vertical	Average
10640.00	57.06	68.20	-11.14	1.50	180	45.74	11.32	Vertical	Peak
10640.00	46.57	54.00	-7.43	1.50	180	35.25	11.32	Vertical	Average
Remark: 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-2A_802.11n-HT40_5270MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.91	68.20	-21.29	1.50	200	46.47	0.44	Horizontal	Peak
5150.00	37.23	54.00	-16.77	1.50	200	36.79	0.44	Horizontal	Average
10540.00	54.80	68.20	-13.40	1.50	200	43.54	11.26	Horizontal	Peak
10540.00	45.97	54.00	-8.03	1.50	200	34.71	11.26	Horizontal	Average
5150.00	46.29	68.20	-21.91	1.50	180	45.85	0.44	Vertical	Peak
5150.00	37.78	54.00	-16.22	1.50	180	37.34	0.44	Vertical	Average
10540.00	56.75	68.20	-11.45	1.50	180	45.49	11.26	Vertical	Peak
10540.00	46.35	54.00	-7.65	1.50	180	35.09	11.26	Vertical	Average

U-NII-2A_802.11n-HT40_5310MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5350.00	44.11	68.20	-24.09	1.50	200	43.86	0.25	Horizontal	Peak
5350.00	37.28	54.00	-16.72	1.50	200	37.03	0.25	Horizontal	Average
10620.00	54.59	68.20	-13.61	1.50	200	43.18	11.41	Horizontal	Peak
10620.00	45.93	54.00	-8.07	1.50	200	34.52	11.41	Horizontal	Average
5350.00	47.74	68.20	-20.46	1.50	180	47.49	0.25	Vertical	Peak
5350.00	36.75	54.00	-17.25	1.50	180	36.50	0.25	Vertical	Average
10620.00	56.73	68.20	-11.47	1.50	180	45.32	11.41	Vertical	Peak
10620.00	46.85	54.00	-7.15	1.50	180	35.44	11.41	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11ac-VHT80_5290MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.73	68.20	-21.47	1.50	200	46.29	0.44	Horizontal	Peak
5150.00	38.63	54.00	-15.37	1.50	200	38.19	0.44	Horizontal	Average
5350.00	45.58	68.20	-22.62	1.50	200	45.33	0.25	Horizontal	Peak
5350.00	37.33	54.00	-16.67	1.50	200	37.08	0.25	Horizontal	Average
10580.00	55.20	68.20	-13.00	1.50	200	43.76	11.44	Horizontal	Peak
10580.00	47.39	54.00	-6.61	1.50	200	35.95	11.44	Horizontal	Average
5150.00	46.23	68.20	-21.97	1.50	180	45.79	0.44	Vertical	Peak
5150.00	37.41	54.00	-16.59	1.50	180	36.97	0.44	Vertical	Average
5350.00	47.62	68.20	-20.58	1.50	180	47.37	0.25	Vertical	Peak
5350.00	35.88	54.00	-18.12	1.50	180	35.63	0.25	Vertical	Average
10580.00	57.68	68.20	-10.52	1.50	180	46.24	11.44	Vertical	Peak
10580.00	46.11	54.00	-7.89	1.50	180	34.67	11.44	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2A_802.11ax-HE160_5250MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5150.00	46.64	68.20	-21.56	1.50	200	46.20	0.44	Horizontal	Peak
5150.00	38.30	54.00	-15.70	1.50	200	37.86	0.44	Horizontal	Average
5350.00	45.96	68.20	-22.24	1.50	200	45.71	0.25	Horizontal	Peak
5350.00	37.31	54.00	-16.69	1.50	200	37.06	0.25	Horizontal	Average
10500.00	55.10	68.20	-13.10	1.50	200	44.01	11.09	Horizontal	Peak
10500.00	48.14	54.00	-5.86	1.50	200	37.05	11.09	Horizontal	Average
5150.00	46.00	68.20	-22.20	1.50	180	45.56	0.44	Vertical	Peak
5150.00	37.41	54.00	-16.59	1.50	180	36.97	0.44	Vertical	Average
5350.00	48.18	68.20	-20.02	1.50	180	47.93	0.25	Vertical	Peak
5350.00	36.15	54.00	-17.85	1.50	180	35.90	0.25	Vertical	Average
10500.00	58.42	68.20	-9.78	1.50	180	47.33	11.09	Vertical	Peak
10500.00	46.50	54.00	-7.50	1.50	180	35.41	11.09	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-2C_802.11a_5500MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	45.72	68.20	-22.48	1.50	200	45.76	-0.04	Horizontal	Peak
5470.00	37.82	54.00	-16.18	1.50	200	37.86	-0.04	Horizontal	Average
11000.00	56.86	68.20	-11.34	1.50	200	45.44	11.42	Horizontal	Peak
11000.00	46.30	54.00	-7.70	1.50	200	34.88	11.42	Horizontal	Average
5470.00	46.88	68.20	-21.32	1.50	180	46.92	-0.04	Vertical	Peak
5470.00	37.13	54.00	-16.87	1.50	180	37.17	-0.04	Vertical	Average
11000.00	56.42	68.20	-11.78	1.50	180	45.00	11.42	Vertical	Peak
11000.00	46.03	54.00	-7.97	1.50	180	34.61	11.42	Vertical	Average
U-NII-2C_802.11a_5700MHz - Ant0									
Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	47.41	68.20	-20.79	1.50	200	46.11	1.30	Horizontal	Peak
5725.00	38.28	54.00	-15.72	1.50	200	36.98	1.30	Horizontal	Average
11400.00	56.75	68.20	-11.45	1.50	200	45.28	11.47	Horizontal	Peak
11400.00	46.42	54.00	-7.58	1.50	200	34.95	11.47	Horizontal	Average
5725.00	48.61	68.20	-19.59	1.50	180	47.31	1.30	Vertical	Peak
5725.00	38.27	54.00	-15.73	1.50	180	36.97	1.30	Vertical	Average
11400.00	56.31	68.20	-11.89	1.50	180	44.84	11.47	Vertical	Peak
11400.00	46.11	54.00	-7.89	1.50	180	34.64	11.47	Vertical	Average
Remark: 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-2C_802.11n-HT40_5510MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	45.59	68.20	-22.61	1.50	200	45.63	-0.04	Horizontal	Peak
5470.00	37.87	54.00	-16.13	1.50	200	37.91	-0.04	Horizontal	Average
11020.00	56.06	68.20	-12.14	1.50	200	44.60	11.46	Horizontal	Peak
11020.00	46.46	54.00	-7.54	1.50	200	35.00	11.46	Horizontal	Average
5470.00	46.16	68.20	-22.04	1.50	180	46.20	-0.04	Vertical	Peak
5470.00	37.34	54.00	-16.66	1.50	180	37.38	-0.04	Vertical	Average
11020.00	56.08	68.20	-12.12	1.50	180	44.62	11.46	Vertical	Peak
11020.00	45.51	54.00	-8.49	1.50	180	34.05	11.46	Vertical	Average
U-NII-2C_802.11n-HT40_5670MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	48.38	68.20	-19.82	1.50	200	47.08	1.30	Horizontal	Peak
5725.00	38.47	54.00	-15.53	1.50	200	37.17	1.30	Horizontal	Average
11340.00	56.97	68.20	-11.23	1.50	200	45.55	11.42	Horizontal	Peak
11340.00	46.06	54.00	-7.94	1.50	200	34.64	11.42	Horizontal	Average
5725.00	48.56	68.20	-19.64	1.50	180	47.26	1.30	Vertical	Peak
5725.00	37.76	54.00	-16.24	1.50	180	36.46	1.30	Vertical	Average
11340.00	55.69	68.20	-12.51	1.50	180	44.27	11.42	Vertical	Peak
11340.00	45.88	54.00	-8.12	1.50	180	34.46	11.42	Vertical	Average
<i>Remark:</i> 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-2C_802.11ac-VHT80_5530MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	46.12	68.20	-22.08	1.50	200	46.16	-0.04	Horizontal	Peak
5470.00	37.88	54.00	-16.12	1.50	200	37.92	-0.04	Horizontal	Average
11060.00	55.49	68.20	-12.71	1.50	200	43.96	11.53	Horizontal	Peak
11060.00	45.91	54.00	-8.09	1.50	200	34.38	11.53	Horizontal	Average
5470.00	45.32	68.20	-22.88	1.50	180	45.36	-0.04	Vertical	Peak
5470.00	37.12	54.00	-16.88	1.50	180	37.16	-0.04	Vertical	Average
11060.00	55.86	68.20	-12.34	1.50	180	44.33	11.53	Vertical	Peak
11060.00	45.65	54.00	-8.35	1.50	180	34.12	11.53	Vertical	Average
U-NII-2C_802.11ac-VHT80_5610MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5725.00	47.54	68.20	-20.66	1.50	200	46.24	1.30	Horizontal	Peak
5725.00	37.83	54.00	-16.17	1.50	200	36.53	1.30	Horizontal	Average
11220.00	57.23	68.20	-10.97	1.50	200	46.18	11.05	Horizontal	Peak
11220.00	46.10	54.00	-7.90	1.50	200	35.05	11.05	Horizontal	Average
5725.00	48.26	68.20	-19.94	1.50	180	46.96	1.30	Vertical	Peak
5725.00	37.63	54.00	-16.37	1.50	180	36.33	1.30	Vertical	Average
11220.00	56.47	68.20	-11.73	1.50	180	45.42	11.05	Vertical	Peak
11220.00	45.84	54.00	-8.16	1.50	180	34.79	11.05	Vertical	Average
<i>Remark:</i> 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-2C_802.11ax-HE160_5570MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5470.00	46.55	68.20	-21.65	1.50	200	46.59	-0.04	Horizontal	Peak
5470.00	38.35	54.00	-15.65	1.50	200	38.39	-0.04	Horizontal	Average
5725.00	47.68	68.20	-20.52	1.50	200	46.38	1.30	Horizontal	Peak
5725.00	37.88	54.00	-16.12	1.50	200	36.58	1.30	Horizontal	Average
11140.00	57.37	68.20	-10.83	1.50	200	46.02	11.35	Horizontal	Peak
11140.00	46.01	54.00	-7.99	1.50	200	34.66	11.35	Horizontal	Average
5470.00	45.86	68.20	-22.34	1.50	180	45.90	-0.04	Vertical	Peak
5470.00	36.84	54.00	-17.16	1.50	180	36.88	-0.04	Vertical	Average
5725.00	47.79	68.20	-20.41	1.50	180	46.49	1.30	Vertical	Peak
5725.00	38.02	54.00	-15.98	1.50	180	36.72	1.30	Vertical	Average
11140.00	56.17	68.20	-12.03	1.50	180	44.82	11.35	Vertical	Peak
11140.00	46.06	54.00	-7.94	1.50	180	34.71	11.35	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

U-NII-3_802.11a_5745MHz - Ant0									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5650.00	52.76	68.20	-15.44	1.50	200	51.96	0.80	Horizontal	Peak
5700.00	50.42	105.20	-54.78	1.50	200	49.18	1.24	Horizontal	Peak
5720.00	51.64	110.80	-59.16	1.50	200	50.36	1.28	Horizontal	Peak
5725.00	50.17	122.20	-72.03	1.50	200	48.87	1.30	Horizontal	Peak
11490.00	54.70	68.20	-13.50	1.50	200	43.15	11.55	Horizontal	Peak
11490.00	45.49	54.00	-8.51	1.50	200	33.94	11.55	Horizontal	Average
5650.00	50.84	68.20	-17.36	1.50	180	50.04	0.80	Vertical	Peak
5700.00	51.32	105.20	-53.88	1.50	180	50.08	1.24	Vertical	Peak
5720.00	51.24	110.80	-59.56	1.50	180	49.96	1.28	Vertical	Peak
5725.00	52.80	122.20	-69.40	1.50	180	51.50	1.30	Vertical	Peak
11490.00	56.33	68.20	-11.87	1.50	180	44.78	11.55	Vertical	Peak
11490.00	45.98	54.00	-8.02	1.50	180	34.43	11.55	Vertical	Average
U-NII-3_802.11a_5825MHz - Ant0									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5850.00	51.71	122.20	-70.49	1.50	200	49.89	1.82	Horizontal	Peak
5855.00	52.56	110.80	-58.24	1.50	200	50.71	1.85	Horizontal	Peak
5875.00	52.39	105.20	-52.81	1.50	200	50.41	1.98	Horizontal	Peak
5925.00	53.45	68.20	-14.75	1.50	200	51.33	2.12	Horizontal	Peak
11650.00	54.52	68.20	-13.68	1.50	200	42.88	11.64	Horizontal	Peak
11650.00	45.67	54.00	-8.33	1.50	200	34.03	11.64	Horizontal	Average
5850.00	51.16	122.20	-71.04	1.50	180	49.34	1.82	Vertical	Peak
5855.00	51.64	110.80	-59.16	1.50	180	49.79	1.85	Vertical	Peak
5875.00	52.66	105.20	-52.54	1.50	180	50.68	1.98	Vertical	Peak
5925.00	51.46	68.20	-16.74	1.50	180	49.34	2.12	Vertical	Peak
11650.00	56.42	68.20	-11.78	1.50	180	44.78	11.64	Vertical	Peak
11650.00	45.74	54.00	-8.26	1.50	180	34.10	11.64	Vertical	Average
Remark: 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-3_802.11n-HT40_5755MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5650.00	52.49	68.20	-15.71	1.50	200	51.69	0.80	Horizontal	Peak
5700.00	50.95	105.20	-54.25	1.50	200	49.71	1.24	Horizontal	Peak
5720.00	51.63	110.80	-59.17	1.50	200	50.35	1.28	Horizontal	Peak
5725.00	50.36	122.20	-71.84	1.50	200	49.06	1.30	Horizontal	Peak
11510.00	54.40	68.20	-13.80	1.50	200	42.84	11.56	Horizontal	Peak
11510.00	45.55	54.00	-8.45	1.50	200	33.99	11.56	Horizontal	Average
5650.00	49.94	68.20	-18.26	1.50	180	49.14	0.80	Vertical	Peak
5700.00	51.08	105.20	-54.12	1.50	180	49.84	1.24	Vertical	Peak
5720.00	51.41	110.80	-59.39	1.50	180	50.13	1.28	Vertical	Peak
5725.00	51.89	122.20	-70.31	1.50	180	50.59	1.30	Vertical	Peak
11510.00	56.57	68.20	-11.63	1.50	180	45.01	11.56	Vertical	Peak
11510.00	46.14	54.00	-7.86	1.50	180	34.58	11.56	Vertical	Average
U-NII-3_802.11n-HT40_5795MHz - 2×2 MIMO									
Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5850.00	51.13	122.20	-71.07	1.50	200	49.31	1.82	Horizontal	Peak
5855.00	51.73	110.80	-59.07	1.50	200	49.88	1.85	Horizontal	Peak
5875.00	52.33	105.20	-52.87	1.50	200	50.35	1.98	Horizontal	Peak
5925.00	53.16	68.20	-15.04	1.50	200	51.04	2.12	Horizontal	Peak
11590.00	55.62	68.20	-12.58	1.50	200	44.11	11.51	Horizontal	Peak
11590.00	46.08	54.00	-7.92	1.50	200	34.57	11.51	Horizontal	Average
5850.00	50.50	122.20	-71.70	1.50	180	48.68	1.82	Vertical	Peak
5855.00	51.98	110.80	-58.82	1.50	180	50.13	1.85	Vertical	Peak
5875.00	51.92	105.20	-53.28	1.50	180	49.94	1.98	Vertical	Peak
5925.00	51.50	68.20	-16.70	1.50	180	49.38	2.12	Vertical	Peak
11590.00	56.75	68.20	-11.45	1.50	180	45.24	11.51	Vertical	Peak
11590.00	45.17	54.00	-8.83	1.50	180	33.66	11.51	Vertical	Average
Remark: 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m) 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB) 3. Margin value = Emission Level – Limit value 4. The emission levels of other frequencies are very lower than the limit and not show in test report.									

U-NII-3_802.11ac-VHT80_5775MHz - 2×2 MIMO

Frequency (MHz)	Emssion Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV/m)	Correction Factor (dB/m)	Polarity	Detector
5650.00	52.26	68.20	-15.94	1.50	200	51.46	0.80	Horizontal	Peak
5700.00	50.45	105.20	-54.75	1.50	200	49.21	1.24	Horizontal	Peak
5720.00	52.13	110.80	-58.67	1.50	200	50.85	1.28	Horizontal	Peak
5725.00	50.88	122.20	-71.32	1.50	200	49.58	1.30	Horizontal	Peak
5850.00	51.12	122.20	-71.08	1.50	200	49.30	1.82	Horizontal	Peak
5855.00	51.35	110.80	-59.45	1.50	200	49.50	1.85	Horizontal	Peak
5875.00	51.75	105.20	-53.45	1.50	200	49.77	1.98	Horizontal	Peak
5925.00	52.82	68.20	-15.38	1.50	200	50.70	2.12	Horizontal	Peak
11550.00	55.87	68.20	-12.33	1.50	200	44.33	11.54	Horizontal	Peak
11550.00	45.90	54.00	-8.10	1.50	200	34.36	11.54	Horizontal	Average
5650.00	50.44	68.20	-17.76	1.50	180	49.64	0.80	Vertical	Peak
5700.00	51.21	105.20	-53.99	1.50	180	49.97	1.24	Vertical	Peak
5720.00	51.83	110.80	-58.97	1.50	180	50.55	1.28	Vertical	Peak
5725.00	51.69	122.20	-70.51	1.50	180	50.39	1.30	Vertical	Peak
5850.00	50.22	122.20	-71.98	1.50	180	48.40	1.82	Vertical	Peak
5855.00	51.79	110.80	-59.01	1.50	180	49.94	1.85	Vertical	Peak
5875.00	51.41	105.20	-53.79	1.50	180	49.43	1.98	Vertical	Peak
5925.00	50.71	68.20	-17.49	1.50	180	48.59	2.12	Vertical	Peak
11550.00	56.63	68.20	-11.57	1.50	180	45.09	11.54	Vertical	Peak
11550.00	44.81	54.00	-9.19	1.50	180	33.27	11.54	Vertical	Average

Remark:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) - Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

2.7. AC Power Line Conducted Emission

2.7.1. Limit of AC Power Line Conducted Emission

FCC Part 15.207:

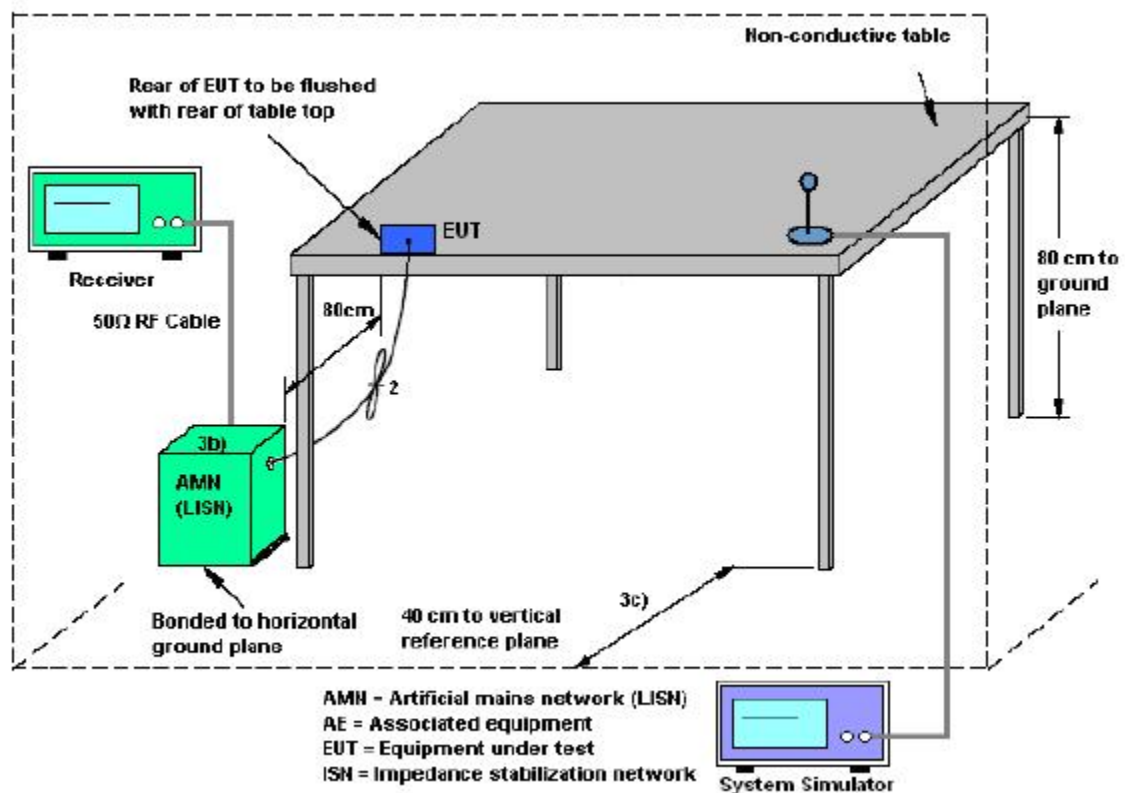
For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

2.7.2. Measuring Instruments

The measuring equipment is listed in the section 3 of this test report.

2.7.3. Test Setup



2.7.4. Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

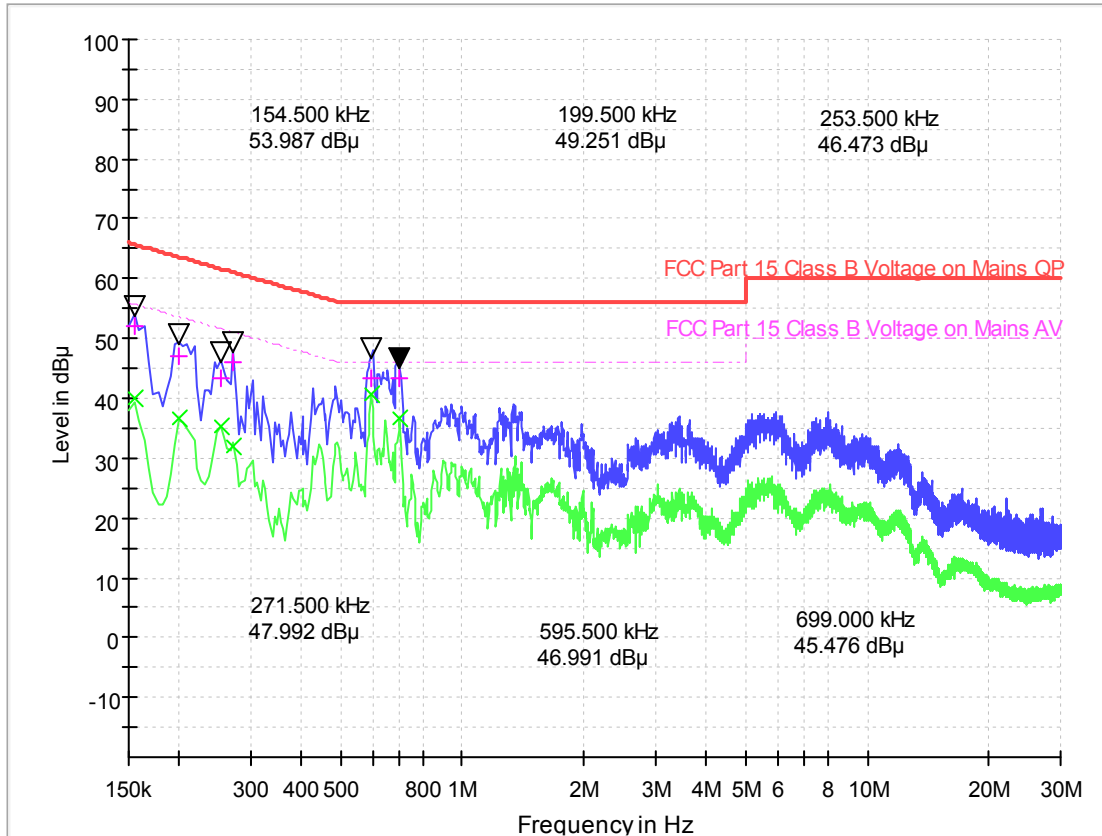
2.7.5. Test Result of AC Power Line Conducted Emission

The EUT configuration of the emission tests is 5G WLAN Link + USB Cable (Charging from Adapter).

All of the EUT Configure mode were tested and found 802.11a_5580MHz(Ant1) channel is the worst mode, the worst case is recorded in this report.

Project Information

Test site:	Shield ROOM 2	Environment:	Temp: 23°C; Humi:53%;101kPa
Operator:	HUANG CHUTING	Test Date:	2024.12.19
Test Mode:	5G WIFI - TX	Test Part:	L



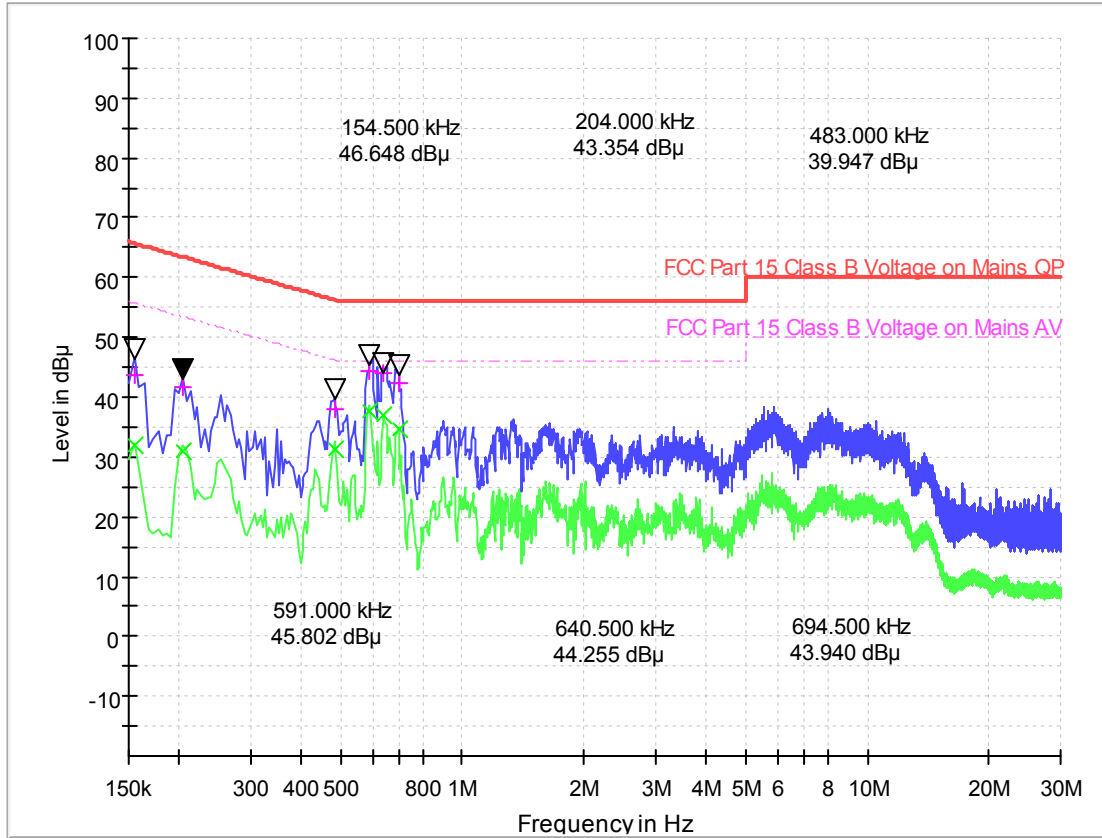
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Corr.Factor (dB)	Margin - QPK	Limit - QPK (dBμV)	Margin - AV (dB)	Limit - AV (dBμV)
0.154500	51.98	39.95	10.3	13.77	65.8	15.80	55.8
0.199500	47.10	36.58	10.6	16.53	63.6	17.05	53.6
0.253500	43.26	35.16	10.7	18.38	61.6	16.48	51.6
0.271500	45.88	32.06	10.5	15.19	61.1	19.01	51.1
0.595500	43.48	40.55	10.7	12.52	56.0	5.45	46.0
0.699000	43.38	36.77	10.1	12.62	56.0	9.23	46.0

Test Result : Pass

Note: Final Level = Receiver Read level + Correction factor.

Project Information

Test site:	Shield ROOM 2	Environment:	Temp: 23°C; Humi:53%;101kPa
Operator:	HUANG CHUTING	Test Date:	2024.12.19
Test Mode:	5G WIFI - TX	Test Part:	N



Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Corr.Factor (dB)	Margin - QPK	Limit - QPK (dBμV)	Margin - AV (dB)	Limit - AV (dBμV)
0.154500	43.52	31.88	10.7	22.23	65.8	23.87	55.8
0.204000	41.84	30.80	10.9	21.61	63.4	22.65	53.4
0.483000	37.83	31.30	10.5	18.46	56.3	14.99	46.3
0.591000	44.23	37.78	10.5	11.77	56.0	8.22	46.0
0.640500	43.93	37.05	10.6	12.07	56.0	8.95	46.0
0.694500	42.44	34.77	10.7	13.56	56.0	11.23	46.0

Test Result : Pass

Note: Final Level = Receiver Read level + Correction factor.

3. List of measuring equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	5M Anechoic Chamber	Albatross	SAC-5MAC 12.8x6.8x6.4m	A0304210	2023.08.01	2026.07.31
2	EMI Test Receiver	ROHDE&SCHWARZ	ESW26	A180502935	2024.05.23	2025.05.22
3	Loop Antenna	Schwarz beck	HFH2-Z2	A0304220	2022.05.02	2025.05.01
4	Broadband antenna (30MHz~1GHz)	R&S	HL562	A0304224	2024.07.04	2027.07.03
5	EMI Horn Ant. (1-18G)	ETC	MCTD-1209	A150402241	2024.05.18	2027.05.17
6	Horn antenna (18GHz~26.5GHz)	AR	AT4510	A0804450	2024.03.31	2027.03.30
7	Spectrum Analyzer	KEYSIGHT	N9030A	A160702554	2024.01.18	2025.01.17
8	Test Receiver	R&S	ESIB7	A0501375	2024.02.28	2025.02.27
9	Broadband Ant.	ETC	MCTD 2786	A150402240	2023.05.22	2026.05.21
10	3M Anechoic Chamber	Albatross	SAC-3MAC 9*6*6m	A0412375	2024.02.27	2027.02.26
11	Temperature chamber	ESPEC	SU-642	A150802409	2024.02.22	2025.02.21
12	Test Receiver	KEYSIGHT	N9038A	A141202036	2024.06.05	2025.06.04
13	LISN	ROHDE&SCHWARZ	ENV216	A140701847	2024.05.23	2025.05.22
14	Cable(9kHz~30MHz)	/	/	C230800587	2023.08.21	2026.08.20
15	Cable(30MHz~18GHz)	/	XSMJA750-SMN M(RA)-12M	C230800588	2023.08.21	2026.08.20
16	Cable(18GHz~40GHz)	/	SUCOFLEX102	C230800590	2023.08.21	2026.08.20

4. Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2020. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence . The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of AC Power Line Conducted Emission Measurement (150kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	2.8dB
--	-------

Uncertainty of Radiated Emission Measurement (9kHz~30MHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.5dB
--	-------

Uncertainty of Radiated Emission Measurement (30MHz~1GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	3.91dB
--	--------

Uncertainty of Radiated Emission Measurement (1GHz~18GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.5dB
--	-------

Uncertainty of Radiated Emission Measurement (18GHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	4.9dB
--	-------

Uncertainty of RF Conducted Measurement (9kHz~40GHz)

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	1.2dB
--	-------

Uncertainty of Occupied Bandwidth Measurement

Measuring Uncertainty for a level of confidence of 95%($U=2U_c(y)$)	1.2%
--	------

Appendix A

Duty Cycle

Test Result and Data

Test Mode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	DC Factor
11A	Ant1	5180	28.00	28.00	100.00	0.00
11A	Ant2	5180	28.00	28.00	100.00	0.00
11N20SISO	Ant1	5180	28.00	28.00	100.00	0.00
11N20SISO	Ant2	5180	28.00	28.00	100.00	0.00
11N40SISO	Ant1	5190	28.00	28.00	100.00	0.00
11N40SISO	Ant2	5190	28.00	28.00	100.00	0.00
11AC20SISO	Ant1	5180	28.00	28.00	100.00	0.00
11AC20SISO	Ant2	5180	28.00	28.00	100.00	0.00
11AC40SISO	Ant1	5190	28.00	28.00	100.00	0.00
11AC40SISO	Ant2	5190	28.00	28.00	100.00	0.00
11AC80SISO	Ant1	5210	28.00	28.00	100.00	0.00
11AC160SISO	Ant2	5250	28.00	28.00	100.00	0.00
11AC160SISO	Ant1	5250	28.00	28.00	100.00	0.00
11AC80SISO	Ant2	5210	28.00	28.00	100.00	0.00
11AX20SISO	Ant1	5180	28.00	28.00	100.00	0.00
11AX20SISO	Ant2	5180	28.00	28.00	100.00	0.00
11AX40SISO	Ant1	5190	28.00	28.00	100.00	0.00
11AX40SISO	Ant2	5190	28.00	28.00	100.00	0.00
11AX80SISO	Ant1	5210	28.00	28.00	100.00	0.00
11AX80SISO	Ant2	5210	28.00	28.00	100.00	0.00
11AX160SISO	Ant2	5250	28.00	28.00	100.00	0.00
11AX160SISO	Ant1	5250	28.00	28.00	100.00	0.00

Note: Duty cycle MIMO is the same as SISO.

Maximum Conducted Output Power

Test Result and Data

Test Mode	Antenna	Frequency [MHz]	Power [dBm]	DC Factor [dBm]	Result [dBm]	Power Limit [dBm]	Verdict
11A	Ant1	5180	13.85	0.00	13.85	≤23.98	PASS
11A	Ant2	5180	15.18	0.00	15.18	≤23.98	PASS
11A	Ant1	5200	13.79	0.00	13.79	≤23.98	PASS
11A	Ant2	5200	15.14	0.00	15.14	≤23.98	PASS
11A	Ant1	5240	13.62	0.00	13.62	≤23.98	PASS
11A	Ant2	5240	15.39	0.00	15.39	≤23.98	PASS
11N20SISO	Ant1	5180	12.47	0.00	12.47	≤23.98	PASS
11N20SISO	Ant2	5180	14.26	0.00	14.26	≤23.98	PASS
11N20SISO	Ant1	5200	12.47	0.00	12.47	≤23.98	PASS
11N20SISO	Ant2	5200	14.33	0.00	14.33	≤23.98	PASS
11N20SISO	Ant1	5240	12.39	0.00	12.39	≤23.98	PASS
11N20SISO	Ant2	5240	14.29	0.00	14.29	≤23.98	PASS
11N40SISO	Ant1	5190	12.42	0.00	12.42	≤23.98	PASS
11N40SISO	Ant2	5190	14.28	0.00	14.28	≤23.98	PASS
11N40SISO	Ant1	5230	12.46	0.00	12.46	≤23.98	PASS
11N40SISO	Ant2	5230	14.23	0.00	14.23	≤23.98	PASS
11AC20SISO	Ant1	5180	11.32	0.00	11.32	≤23.98	PASS
11AC20SISO	Ant2	5180	14.14	0.00	14.14	≤23.98	PASS
11AC20SISO	Ant1	5200	11.48	0.00	11.48	≤23.98	PASS
11AC20SISO	Ant2	5200	14.04	0.00	14.04	≤23.98	PASS
11AC20SISO	Ant1	5240	11.59	0.00	11.59	≤23.98	PASS
11AC20SISO	Ant2	5240	14.16	0.00	14.16	≤23.98	PASS
11AC40SISO	Ant1	5190	12.47	0.00	12.47	≤23.98	PASS
11AC40SISO	Ant2	5190	14.19	0.00	14.19	≤23.98	PASS
11AC40SISO	Ant1	5230	12.52	0.00	12.52	≤23.98	PASS
11AC40SISO	Ant2	5230	14.22	0.00	14.22	≤23.98	PASS
11AC80SISO	Ant1	5210	12.09	0.00	12.09	≤23.98	PASS
11AC80SISO	Ant2	5210	13.56	0.00	13.56	≤23.98	PASS
11AX20SISO	Ant1	5180	12.55	0.00	12.55	≤23.98	PASS
11AX20SISO	Ant2	5180	14.18	0.00	14.18	≤23.98	PASS
11AX20SISO	Ant1	5200	12.51	0.00	12.51	≤23.98	PASS
11AX20SISO	Ant2	5200	14.18	0.00	14.18	≤23.98	PASS
11AX20SISO	Ant1	5240	12.51	0.00	12.51	≤23.98	PASS
11AX20SISO	Ant2	5240	14.28	0.00	14.28	≤23.98	PASS
11AX40SISO	Ant1	5190	12.47	0.00	12.47	≤23.98	PASS
11AX40SISO	Ant2	5190	14.06	0.00	14.06	≤23.98	PASS
11AX40SISO	Ant1	5230	12.41	0.00	12.41	≤23.98	PASS



11AX40SISO	Ant2	5230	14.13	0.00	14.13	≤23.98	PASS
11AX80SISO	Ant1	5210	11.92	0.00	11.92	≤23.98	PASS
11AX80SISO	Ant2	5210	13.59	0.00	13.59	≤23.98	PASS
11N20MIMO	Ant1	5180	12.02	0.00	12.02	≤23.98	PASS
11N20MIMO	Ant2	5180	11.38	0.00	11.38	≤23.98	PASS
11N20MIMO	total	5180	---	---	14.72	≤23.98	PASS
11N20MIMO	Ant1	5200	12.10	0.00	12.10	≤23.98	PASS
11N20MIMO	Ant2	5200	11.41	0.00	11.41	≤23.98	PASS
11N20MIMO	total	5200	---	---	14.78	≤23.98	PASS
11N20MIMO	Ant1	5240	12.09	0.00	12.09	≤23.98	PASS
11N20MIMO	Ant2	5240	11.32	0.00	11.32	≤23.98	PASS
11N20MIMO	total	5240	---	---	14.73	≤23.98	PASS
11N40MIMO	Ant1	5190	12.04	0.00	12.04	≤23.98	PASS
11N40MIMO	Ant2	5190	11.30	0.00	11.30	≤23.98	PASS
11N40MIMO	total	5190	---	---	14.70	≤23.98	PASS
11N40MIMO	Ant1	5230	12.06	0.00	12.06	≤23.98	PASS
11N40MIMO	Ant2	5230	11.34	0.00	11.34	≤23.98	PASS
11N40MIMO	total	5230	---	---	14.73	≤23.98	PASS
11AC20MIMO	Ant1	5180	11.67	0.00	11.67	≤23.98	PASS
11AC20MIMO	Ant2	5180	11.26	0.00	11.26	≤23.98	PASS
11AC20MIMO	total	5180	---	---	14.48	≤23.98	PASS
11AC20MIMO	Ant1	5200	11.62	0.00	11.62	≤23.98	PASS
11AC20MIMO	Ant2	5200	11.32	0.00	11.32	≤23.98	PASS
11AC20MIMO	total	5200	---	---	14.48	≤23.98	PASS
11AC20MIMO	Ant1	5240	11.68	0.00	11.68	≤23.98	PASS
11AC20MIMO	Ant2	5240	11.27	0.00	11.27	≤23.98	PASS
11AC20MIMO	total	5240	---	---	14.49	≤23.98	PASS
11AC40MIMO	Ant1	5190	11.65	0.00	11.65	≤23.98	PASS
11AC40MIMO	Ant2	5190	11.38	0.00	11.38	≤23.98	PASS
11AC40MIMO	total	5190	---	---	14.53	≤23.98	PASS
11AC40MIMO	Ant1	5230	11.69	0.00	11.69	≤23.98	PASS
11AC40MIMO	Ant2	5230	11.34	0.00	11.34	≤23.98	PASS
11AC40MIMO	total	5230	---	---	14.53	≤23.98	PASS
11AC80MIMO	Ant1	5210	11.25	0.00	11.25	≤23.98	PASS
11AC80MIMO	Ant2	5210	10.73	0.00	10.73	≤23.98	PASS
11AC80MIMO	total	5210	---	---	14.01	≤23.98	PASS
11AX20MIMO	Ant1	5180	11.79	0.00	11.79	≤23.98	PASS
11AX20MIMO	Ant2	5180	11.39	0.00	11.39	≤23.98	PASS
11AX20MIMO	total	5180	---	---	14.60	≤23.98	PASS
11AX20MIMO	Ant1	5200	11.80	0.00	11.80	≤23.98	PASS
11AX20MIMO	Ant2	5200	11.37	0.00	11.37	≤23.98	PASS
11AX20MIMO	total	5200	---	---	14.60	≤23.98	PASS
11AX20MIMO	Ant1	5240	11.94	0.00	11.94	≤23.98	PASS



11AX20MIMO	Ant2	5240	11.34	0.00	11.34	≤23.98	PASS
11AX20MIMO	total	5240	---	---	14.66	≤23.98	PASS
11AX40MIMO	Ant1	5190	11.66	0.00	11.66	≤23.98	PASS
11AX40MIMO	Ant2	5190	11.20	0.00	11.20	≤23.98	PASS
11AX40MIMO	total	5190	---	---	14.45	≤23.98	PASS
11AX40MIMO	Ant1	5230	11.72	0.00	11.72	≤23.98	PASS
11AX40MIMO	Ant2	5230	11.23	0.00	11.23	≤23.98	PASS
11AX40MIMO	total	5230	---	---	14.49	≤23.98	PASS
11AX80MIMO	Ant1	5210	11.25	0.00	11.25	≤23.98	PASS
11AX80MIMO	Ant2	5210	10.71	0.00	10.71	≤23.98	PASS
11AX80MIMO	total	5210	---	---	14.00	≤23.98	PASS



Test Mode	Antenna	Frequency [MHz]	Power [dBm]	DC Factor [dBm]	Result [dBm]	Power Limit [dBm]	Verdict
11A	Ant1	5260	13.72	0.00	13.72	≤23.98	PASS
11A	Ant2	5260	16.01	0.00	16.01	≤23.98	PASS
11A	Ant2	5300	16.33	0.00	16.33	≤23.98	PASS
11A	Ant1	5300	13.29	0.00	13.29	≤23.98	PASS
11A	Ant1	5320	13.11	0.00	13.11	≤23.98	PASS
11A	Ant2	5320	16.22	0.00	16.22	≤23.98	PASS
11N20SISO	Ant2	5260	15.20	0.00	15.20	≤23.98	PASS
11N20SISO	Ant1	5260	12.37	0.00	12.37	≤23.98	PASS
11N20SISO	Ant2	5300	15.20	0.00	15.20	≤23.98	PASS
11N20SISO	Ant1	5300	12.12	0.00	12.12	≤23.98	PASS
11N20SISO	Ant2	5320	15.16	0.00	15.16	≤23.98	PASS
11N20SISO	Ant1	5320	11.95	0.00	11.95	≤23.98	PASS
11N40SISO	Ant2	5270	15.11	0.00	15.11	≤23.98	PASS
11N40SISO	Ant1	5270	12.44	0.00	12.44	≤23.98	PASS
11N40SISO	Ant2	5310	15.25	0.00	15.25	≤23.98	PASS
11N40SISO	Ant1	5310	12.15	0.00	12.15	≤23.98	PASS
11AC20SISO	Ant2	5260	15.17	0.00	15.17	≤23.98	PASS
11AC20SISO	Ant1	5260	12.36	0.00	12.36	≤23.98	PASS
11AC20SISO	Ant2	5300	15.17	0.00	15.17	≤23.98	PASS
11AC20SISO	Ant1	5300	12.21	0.00	12.21	≤23.98	PASS
11AC20SISO	Ant2	5320	15.11	0.00	15.11	≤23.98	PASS
11AC20SISO	Ant1	5320	12.04	0.00	12.04	≤23.98	PASS
11AC40SISO	Ant2	5270	15.20	0.00	15.20	≤23.98	PASS
11AC40SISO	Ant1	5270	12.39	0.00	12.39	≤23.98	PASS
11AC40SISO	Ant2	5310	15.23	0.00	15.23	≤23.98	PASS
11AC40SISO	Ant1	5310	12.24	0.00	12.24	≤23.98	PASS
11AC80SISO	Ant2	5290	14.85	0.00	14.85	≤23.98	PASS
11AC80SISO	Ant1	5290	11.87	0.00	11.87	≤23.98	PASS
11AC160SISO	Ant2	5250_UNII-1	13.01	0.00	13.01	≤23.98	PASS
11AC160SISO	Ant1	5250_UNII-1	10.39	0.00	10.39	≤23.98	PASS
11AC160SISO	Ant2	5250_UNII-2A	12.49	0.00	12.49	≤23.98	PASS
11AC160SISO	Ant1	5250_UNII-2A	9.57	0.00	9.57	≤23.98	PASS
11AX20SISO	Ant2	5260	15.26	0.00	15.26	≤23.98	PASS
11AX20SISO	Ant1	5260	12.44	0.00	12.44	≤23.98	PASS
11AX20SISO	Ant2	5300	15.24	0.00	15.24	≤23.98	PASS
11AX20SISO	Ant1	5300	12.21	0.00	12.21	≤23.98	PASS
11AX20SISO	Ant2	5320	15.18	0.00	15.18	≤23.98	PASS
11AX20SISO	Ant1	5320	12.03	0.00	12.03	≤23.98	PASS
11AX40SISO	Ant2	5270	15.13	0.00	15.13	≤23.98	PASS
11AX40SISO	Ant1	5270	12.40	0.00	12.40	≤23.98	PASS



11AX40SISO	Ant2	5310	15.12	0.00	15.12	≤23.98	PASS
11AX40SISO	Ant1	5310	12.12	0.00	12.12	≤23.98	PASS
11AX80SISO	Ant2	5290	14.91	0.00	14.91	≤23.98	PASS
11AX80SISO	Ant1	5290	11.82	0.00	11.82	≤23.98	PASS
11AX160SISO	Ant2	5250_UNII-1	12.70	0.00	12.70	≤23.98	PASS
11AX160SISO	Ant1	5250_UNII-1	9.99	0.00	9.99	≤23.98	PASS
11AX160SISO	Ant2	5250_UNII-2A	12.09	0.00	12.09	≤23.98	PASS
11AX160SISO	Ant1	5250_UNII-2A	9.19	0.00	9.19	≤23.98	PASS
11N20MIMO	Ant2	5260	11.18	0.00	11.18	≤23.98	PASS
11N20MIMO	total	5260	---	---	14.75	≤23.98	PASS
11N20MIMO	Ant1	5280	12.15	0.00	12.15	≤23.98	PASS
11N20MIMO	Ant2	5280	11.37	0.00	11.37	≤23.98	PASS
11N20MIMO	total	5280	---	---	14.79	≤23.98	PASS
11N20MIMO	Ant1	5320	11.85	0.00	11.85	≤23.98	PASS
11N20MIMO	Ant2	5320	11.23	0.00	11.23	≤23.98	PASS
11N20MIMO	total	5320	---	---	14.56	≤23.98	PASS
11N40MIMO	Ant1	5270	12.19	0.00	12.19	≤23.98	PASS
11N40MIMO	Ant2	5270	11.17	0.00	11.17	≤23.98	PASS
11N40MIMO	total	5270	---	---	14.72	≤23.98	PASS
11N40MIMO	Ant1	5310	12.04	0.00	12.04	≤23.98	PASS
11N40MIMO	Ant2	5310	11.31	0.00	11.31	≤23.98	PASS
11N40MIMO	total	5310	---	---	14.7	≤23.98	PASS
11AC20MIMO	Ant1	5260	11.78	0.00	11.78	≤23.98	PASS
11AC20MIMO	Ant2	5260	11.13	0.00	11.13	≤23.98	PASS
11AC20MIMO	total	5260	---	---	14.48	≤23.98	PASS
11AC20MIMO	Ant1	5280	11.74	0.00	11.74	≤23.98	PASS
11AC20MIMO	Ant2	5280	11.36	0.00	11.36	≤23.98	PASS
11AC20MIMO	total	5280	---	---	14.56	≤23.98	PASS
11AC20MIMO	Ant1	5320	10.60	0.00	10.60	≤23.98	PASS
11AC20MIMO	Ant2	5320	11.18	0.00	11.18	≤23.98	PASS
11AC20MIMO	total	5320	---	---	13.91	≤23.98	PASS
11AC40MIMO	Ant1	5270	11.82	0.00	11.82	≤23.98	PASS
11AC40MIMO	Ant2	5270	11.16	0.00	11.16	≤23.98	PASS
11AC40MIMO	total	5270	---	---	14.51	≤23.98	PASS
11AC40MIMO	Ant1	5310	11.71	0.00	11.71	≤23.98	PASS
11AC40MIMO	Ant2	5310	11.28	0.00	11.28	≤23.98	PASS
11AC40MIMO	total	5310	---	---	14.51	≤23.98	PASS
11AC80MIMO	Ant1	5290	11.31	0.00	11.31	≤23.98	PASS
11AC80MIMO	Ant2	5290	10.98	0.00	10.98	≤23.98	PASS
11AC80MIMO	total	5290	---	---	14.16	≤23.98	PASS
11AC160MIMO	Ant1	5250_UNII-1	9.73	0.00	9.73	≤23.98	PASS
11AC160MIMO	Ant2	5250_UNII-1	9.28	0.00	9.28	≤23.98	PASS
11AC160MIMO	total	5250_UNII-1	---	---	12.52	≤23.98	PASS



11AC160MIMO	Ant1	5250_UNII-2A	9.02	0.00	9.02	≤23.98	PASS
11AC160MIMO	Ant2	5250_UNII-2A	8.56	0.00	8.56	≤23.98	PASS
11AC160MIMO	total	5250_UNII-2A	---	---	11.81	≤23.98	PASS
11AX20MIMO	Ant1	5260	11.99	0.00	11.99	≤23.98	PASS
11AX20MIMO	Ant2	5260	11.22	0.00	11.22	≤23.98	PASS
11AX20MIMO	total	5260	---	---	14.63	≤23.98	PASS
11AX20MIMO	Ant1	5280	11.86	0.00	11.86	≤23.98	PASS
11AX20MIMO	Ant2	5280	11.40	0.00	11.40	≤23.98	PASS
11AX20MIMO	total	5280	---	---	14.65	≤23.98	PASS
11AX20MIMO	Ant1	5320	11.61	0.00	11.61	≤23.98	PASS
11AX20MIMO	Ant2	5320	11.24	0.00	11.24	≤23.98	PASS
11AX20MIMO	total	5320	---	---	14.44	≤23.98	PASS
11AX40MIMO	Ant1	5270	11.82	0.00	11.82	≤23.98	PASS
11AX40MIMO	Ant2	5270	11.09	0.00	11.09	≤23.98	PASS
11AX40MIMO	total	5270	---	---	14.48	≤23.98	PASS
11AX40MIMO	Ant1	5310	11.70	0.00	11.70	≤23.98	PASS
11AX40MIMO	Ant2	5310	11.22	0.00	11.22	≤23.98	PASS
11AX40MIMO	total	5310	---	---	14.48	≤23.98	PASS
11AX80MIMO	Ant1	5290	11.32	0.00	11.32	≤23.98	PASS
11AX80MIMO	Ant2	5290	10.92	0.00	10.92	≤23.98	PASS
11AX80MIMO	total	5290	---	---	14.13	≤23.98	PASS
11AX160MIMO	Ant1	5250_UNII-1	8.53	0.00	8.53	≤23.98	PASS
11AX160MIMO	Ant2	5250_UNII-1	8.97	0.00	8.97	≤23.98	PASS
11AX160MIMO	total	5250_UNII-1	---	---	11.77	≤23.98	PASS
11AX160MIMO	Ant1	5250_UNII-2A	7.88	0.00	7.88	≤23.98	PASS
11AX160MIMO	Ant2	5250_UNII-2A	8.25	0.00	8.25	≤23.98	PASS
11AX160MIMO	total	5250_UNII-2A	---	---	11.08	≤23.98	PASS
11N20MIMO	Ant2	5260	11.18	0.00	11.18	≤23.98	PASS



Test Mode	Antenna	Frequency [MHz]	Power [dBm]	DC Factor [dBm]	Result [dBm]	Power Limit [dBm]	Verdict
11A	Ant1	5500	16.69	0.00	16.69	≤23.98	PASS
11A	Ant2	5500	16.17	0.00	16.17	≤23.98	PASS
11A	Ant1	5580	16.76	0.00	16.76	≤23.98	PASS
11A	Ant2	5580	16.54	0.00	16.54	≤23.98	PASS
11A	Ant1	5700	16.64	0.00	16.64	≤23.98	PASS
11A	Ant2	5700	16.31	0.00	16.31	≤23.98	PASS
11N20SISO	Ant1	5500	15.34	0.00	15.34	≤23.98	PASS
11N20SISO	Ant2	5500	15.31	0.00	15.31	≤23.98	PASS
11N20SISO	Ant1	5580	15.52	0.00	15.52	≤23.98	PASS
11N20SISO	Ant2	5580	15.34	0.00	15.34	≤23.98	PASS
11N20SISO	Ant1	5700	15.18	0.00	15.18	≤23.98	PASS
11N20SISO	Ant2	5700	14.99	0.00	14.99	≤23.98	PASS
11N40SISO	Ant1	5510	15.54	0.00	15.54	≤23.98	PASS
11N40SISO	Ant2	5510	15.55	0.00	15.55	≤23.98	PASS
11N40SISO	Ant1	5550	15.57	0.00	15.57	≤23.98	PASS
11N40SISO	Ant2	5550	15.59	0.00	15.59	≤23.98	PASS
11N40SISO	Ant1	5670	15.35	0.00	15.35	≤23.98	PASS
11N40SISO	Ant2	5670	15.38	0.00	15.38	≤23.98	PASS
11AC20SISO	Ant1	5500	15.28	0.00	15.28	≤23.98	PASS
11AC20SISO	Ant2	5500	15.27	0.00	15.27	≤23.98	PASS
11AC20SISO	Ant1	5580	15.50	0.00	15.50	≤23.98	PASS
11AC20SISO	Ant2	5580	15.43	0.00	15.43	≤23.98	PASS
11AC20SISO	Ant1	5700	15.18	0.00	15.18	≤23.98	PASS
11AC20SISO	Ant2	5700	15.04	0.00	15.04	≤23.98	PASS
11AC40SISO	Ant1	5510	15.59	0.00	15.59	≤23.98	PASS
11AC40SISO	Ant2	5510	15.55	0.00	15.55	≤23.98	PASS
11AC40SISO	Ant1	5550	15.60	0.00	15.60	≤23.98	PASS
11AC40SISO	Ant2	5550	15.57	0.00	15.57	≤23.98	PASS
11AC40SISO	Ant1	5670	15.29	0.00	15.29	≤23.98	PASS
11AC40SISO	Ant2	5670	15.43	0.00	15.43	≤23.98	PASS
11AC80SISO	Ant1	5530	15.97	0.00	15.97	≤23.98	PASS
11AC80SISO	Ant2	5530	15.62	0.00	15.62	≤23.98	PASS
11AC80SISO	Ant1	5610	15.51	0.00	15.51	≤23.98	PASS
11AC80SISO	Ant2	5610	15.25	0.00	15.25	≤23.98	PASS
11AC160SISO	Ant1	5570	16.05	0.00	16.05	≤23.98	PASS
11AC160SISO	Ant2	5570	15.83	0.00	15.83	≤23.98	PASS
11AX20SISO	Ant1	5500	15.42	0.00	15.42	≤23.98	PASS
11AX20SISO	Ant2	5500	15.33	0.00	15.33	≤23.98	PASS
11AX20SISO	Ant1	5580	15.60	0.00	15.60	≤23.98	PASS
11AX20SISO	Ant2	5580	15.38	0.00	15.38	≤23.98	PASS



11AX20SISO	Ant1	5700	15.33	0.00	15.33	≤23.98	PASS
11AX20SISO	Ant2	5700	15.18	0.00	15.18	≤23.98	PASS
11AX40SISO	Ant1	5510	15.63	0.00	15.63	≤23.98	PASS
11AX40SISO	Ant2	5510	15.52	0.00	15.52	≤23.98	PASS
11AX40SISO	Ant1	5550	15.67	0.00	15.67	≤23.98	PASS
11AX40SISO	Ant2	5550	15.55	0.00	15.55	≤23.98	PASS
11AX40SISO	Ant1	5670	15.38	0.00	15.38	≤23.98	PASS
11AX40SISO	Ant2	5670	15.40	0.00	15.40	≤23.98	PASS
11AX80SISO	Ant1	5530	15.82	0.00	15.82	≤23.98	PASS
11AX80SISO	Ant2	5530	15.62	0.00	15.62	≤23.98	PASS
11AX80SISO	Ant1	5610	15.50	0.00	15.50	≤23.98	PASS
11AX80SISO	Ant2	5610	15.30	0.00	15.30	≤23.98	PASS
11AX160SISO	Ant1	5570	15.59	0.00	15.59	≤23.98	PASS
11AX160SISO	Ant2	5570	15.46	0.00	15.46	≤23.98	PASS
11N20MIMO	Ant1	5500	10.89	0.00	10.89	≤23.98	PASS
11N20MIMO	Ant2	5500	10.31	0.00	10.31	≤23.98	PASS
11N20MIMO	total	5500	---	---	13.62	≤23.98	PASS
11N20MIMO	Ant1	5580	11.40	0.00	11.40	≤23.98	PASS
11N20MIMO	Ant2	5580	10.53	0.00	10.53	≤23.98	PASS
11N20MIMO	total	5580	---	---	14	≤23.98	PASS
11N20MIMO	Ant1	5700	11.03	0.00	11.03	≤23.98	PASS
11N20MIMO	Ant2	5700	9.93	0.00	9.93	≤23.98	PASS
11N20MIMO	total	5700	---	---	13.53	≤23.98	PASS
11N40MIMO	Ant1	5510	10.63	0.00	10.63	≤23.98	PASS
11N40MIMO	Ant2	5510	10.20	0.00	10.20	≤23.98	PASS
11N40MIMO	total	5510	---	---	13.43	≤23.98	PASS
11N40MIMO	Ant1	5550	10.12	0.00	10.12	≤23.98	PASS
11N40MIMO	Ant2	5550	10.26	0.00	10.26	≤23.98	PASS
11N40MIMO	total	5550	---	---	13.20	≤23.98	PASS
11N40MIMO	Ant1	5670	10.71	0.00	10.71	≤23.98	PASS
11N40MIMO	Ant2	5670	10.19	0.00	10.19	≤23.98	PASS
11N40MIMO	total	5670	---	---	13.47	≤23.98	PASS
11AC20MIMO	Ant1	5500	10.55	0.00	10.55	≤23.98	PASS
11AC20MIMO	Ant2	5500	10.24	0.00	10.24	≤23.98	PASS
11AC20MIMO	total	5500	---	---	13.41	≤23.98	PASS
11AC20MIMO	Ant1	5580	11.12	0.00	11.12	≤23.98	PASS
11AC20MIMO	Ant2	5580	10.46	0.00	10.46	≤23.98	PASS
11AC20MIMO	total	5580	---	---	13.81	≤23.98	PASS
11AC20MIMO	Ant1	5700	10.63	0.00	10.63	≤23.98	PASS
11AC20MIMO	Ant2	5700	9.96	0.00	9.96	≤23.98	PASS
11AC20MIMO	total	5700	---	---	13.32	≤23.98	PASS
11AC40MIMO	Ant1	5510	10.11	0.00	10.11	≤23.98	PASS
11AC40MIMO	Ant2	5510	10.26	0.00	10.26	≤23.98	PASS



11AC40MIMO	total	5510	---	---	13.20	≤23.98	PASS
11AC40MIMO	Ant1	5550	10.20	0.00	10.20	≤23.98	PASS
11AC40MIMO	Ant2	5550	10.27	0.00	10.27	≤23.98	PASS
11AC40MIMO	total	5550	---	---	13.25	≤23.98	PASS
11AC40MIMO	Ant1	5670	10.31	0.00	10.31	≤23.98	PASS
11AC40MIMO	Ant2	5670	10.20	0.00	10.20	≤23.98	PASS
11AC40MIMO	total	5670	---	---	13.27	≤23.98	PASS
11AC80MIMO	Ant1	5530	10.39	0.00	10.39	≤23.98	PASS
11AC80MIMO	Ant2	5530	10.45	0.00	10.45	≤23.98	PASS
11AC80MIMO	total	5530	---	---	13.43	≤23.98	PASS
11AC80MIMO	Ant1	5610	10.29	0.00	10.29	≤23.98	PASS
11AC80MIMO	Ant2	5610	10.37	0.00	10.37	≤23.98	PASS
11AC80MIMO	total	5610	---	---	13.34	≤23.98	PASS
11AC160MIMO	Ant1	5570	11.64	0.00	11.64	≤23.98	PASS
11AC160MIMO	Ant2	5570	11.01	0.00	11.01	≤23.98	PASS
11AC160MIMO	total	5570	---	---	14.35	≤23.98	PASS
11AX20MIMO	Ant1	5500	10.85	0.00	10.85	≤23.98	PASS
11AX20MIMO	Ant2	5500	10.29	0.00	10.29	≤23.98	PASS
11AX20MIMO	total	5500	---	---	13.59	≤23.98	PASS
11AX20MIMO	Ant1	5580	11.25	0.00	11.25	≤23.98	PASS
11AX20MIMO	Ant2	5580	10.53	0.00	10.53	≤23.98	PASS
11AX20MIMO	total	5580	---	---	13.92	≤23.98	PASS
11AX20MIMO	Ant1	5700	10.76	0.00	10.76	≤23.98	PASS
11AX20MIMO	Ant2	5700	10.02	0.00	10.02	≤23.98	PASS
11AX20MIMO	total	5700	---	---	13.42	≤23.98	PASS
11AX40MIMO	Ant1	5510	10.61	0.00	10.61	≤23.98	PASS
11AX40MIMO	Ant2	5510	10.30	0.00	10.30	≤23.98	PASS
11AX40MIMO	total	5510	---	---	13.47	≤23.98	PASS
11AX40MIMO	Ant1	5550	10.34	0.00	10.34	≤23.98	PASS
11AX40MIMO	Ant2	5550	10.29	0.00	10.29	≤23.98	PASS
11AX40MIMO	total	5550	---	---	13.33	≤23.98	PASS
11AX40MIMO	Ant1	5670	10.29	0.00	10.29	≤23.98	PASS
11AX40MIMO	Ant2	5670	10.43	0.00	10.43	≤23.98	PASS
11AX40MIMO	total	5670	---	---	13.37	≤23.98	PASS
11AX80MIMO	Ant1	5530	10.31	0.00	10.31	≤23.98	PASS
11AX80MIMO	Ant2	5530	10.20	0.00	10.20	≤23.98	PASS
11AX80MIMO	total	5530	---	---	13.27	≤23.98	PASS
11AX80MIMO	Ant1	5610	10.35	0.00	10.35	≤23.98	PASS
11AX80MIMO	Ant2	5610	10.23	0.00	10.23	≤23.98	PASS
11AX80MIMO	total	5610	---	---	13.30	≤23.98	PASS
11AX160MIMO	Ant1	5570	11.32	0.00	11.32	≤23.98	PASS
11AX160MIMO	Ant2	5570	10.62	0.00	10.62	≤23.98	PASS
11AX160MIMO	total	5570	---	---	13.99	≤23.98	PASS



Test Mode	Antenna	Frequency [MHz]	Power [dBm]	DC Factor [dBm]	Result [dBm]	Power Limit [dBm]	Verdict
11A	Ant1	5745	10.87	0.00	10.87	≤30.00	PASS
11A	Ant2	5745	12.83	0.00	12.83	≤30.00	PASS
11A	Ant1	5785	10.88	0.00	10.88	≤30.00	PASS
11A	Ant2	5785	12.88	0.00	12.88	≤30.00	PASS
11A	Ant2	5825	12.96	0.00	12.96	≤30.00	PASS
11A	Ant1	5825	11.12	0.00	11.12	≤30.00	PASS
11N20SISO	Ant1	5745	9.79	0.00	9.79	≤30.00	PASS
11N20SISO	Ant2	5745	11.76	0.00	11.76	≤30.00	PASS
11N20SISO	Ant1	5785	9.86	0.00	9.86	≤30.00	PASS
11N20SISO	Ant2	5785	11.88	0.00	11.88	≤30.00	PASS
11N20SISO	Ant1	5825	10.08	0.00	10.08	≤30.00	PASS
11N20SISO	Ant2	5825	12.16	0.00	12.16	≤30.00	PASS
11N40SISO	Ant1	5755	9.83	0.00	9.83	≤30.00	PASS
11N40SISO	Ant2	5755	11.82	0.00	11.82	≤30.00	PASS
11N40SISO	Ant1	5795	9.86	0.00	9.86	≤30.00	PASS
11N40SISO	Ant2	5795	11.91	0.00	11.91	≤30.00	PASS
11AC20SISO	Ant1	5745	9.81	0.00	9.81	≤30.00	PASS
11AC20SISO	Ant2	5745	11.77	0.00	11.77	≤30.00	PASS
11AC20SISO	Ant1	5785	9.80	0.00	9.80	≤30.00	PASS
11AC20SISO	Ant2	5785	11.95	0.00	11.95	≤30.00	PASS
11AC20SISO	Ant1	5825	10.05	0.00	10.05	≤30.00	PASS
11AC20SISO	Ant2	5825	12.11	0.00	12.11	≤30.00	PASS
11AC40SISO	Ant1	5755	9.83	0.00	9.83	≤30.00	PASS
11AC40SISO	Ant2	5755	11.79	0.00	11.79	≤30.00	PASS
11AC40SISO	Ant1	5795	9.85	0.00	9.85	≤30.00	PASS
11AC40SISO	Ant2	5795	11.85	0.00	11.85	≤30.00	PASS
11AC80SISO	Ant1	5775	9.34	0.00	9.34	≤30.00	PASS
11AC80SISO	Ant2	5775	11.26	0.00	11.26	≤30.00	PASS
11AX20SISO	Ant1	5745	9.75	0.00	9.75	≤30.00	PASS
11AX20SISO	Ant2	5745	11.77	0.00	11.77	≤30.00	PASS
11AX20SISO	Ant1	5785	9.88	0.00	9.88	≤30.00	PASS
11AX20SISO	Ant2	5785	11.89	0.00	11.89	≤30.00	PASS
11AX20SISO	Ant1	5825	10.02	0.00	10.02	≤30.00	PASS
11AX20SISO	Ant2	5825	12.17	0.00	12.17	≤30.00	PASS
11AX40SISO	Ant1	5755	9.80	0.00	9.80	≤30.00	PASS
11AX40SISO	Ant2	5755	11.75	0.00	11.75	≤30.00	PASS
11AX40SISO	Ant1	5795	9.83	0.00	9.83	≤30.00	PASS
11AX40SISO	Ant2	5795	11.85	0.00	11.85	≤30.00	PASS
11AX80SISO	Ant1	5775	9.26	0.00	9.26	≤30.00	PASS
11AX80SISO	Ant2	5775	11.24	0.00	11.24	≤30.00	PASS

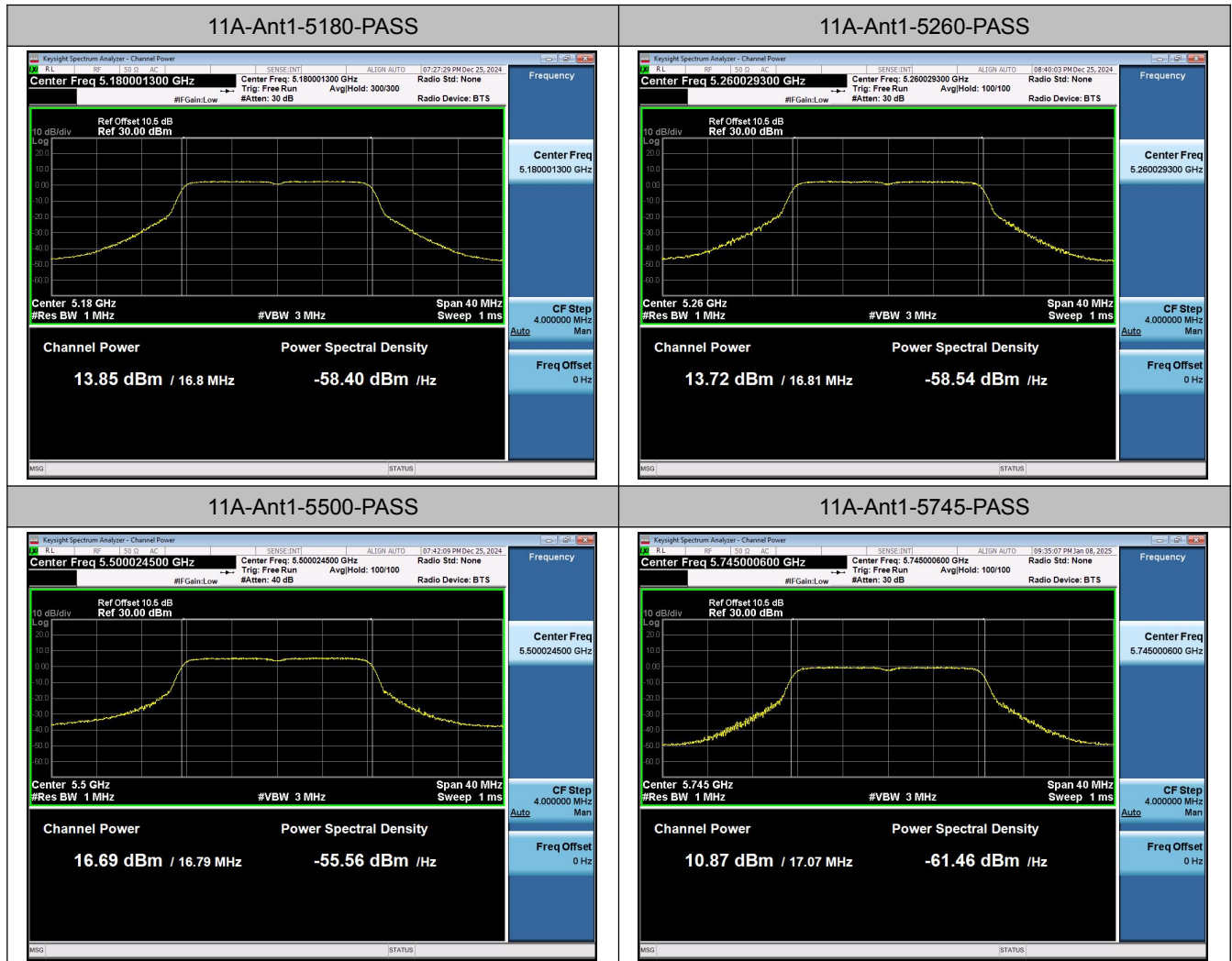


11N20MIMO	Ant1	5745	8.47	0.00	8.47	≤30.00	PASS
11N20MIMO	Ant2	5745	7.76	0.00	7.76	≤30.00	PASS
11N20MIMO	total	5745	---	---	11.14	≤30.00	PASS
11N20MIMO	Ant1	5785	8.50	0.00	8.50	≤30.00	PASS
11N20MIMO	Ant2	5785	7.75	0.00	7.75	≤30.00	PASS
11N20MIMO	total	5785	---	---	11.15	≤30.00	PASS
11N20MIMO	Ant1	5825	8.53	0.00	8.53	≤30.00	PASS
11N20MIMO	Ant2	5825	7.83	0.00	7.83	≤30.00	PASS
11N20MIMO	total	5825	---	---	11.20	≤30.00	PASS
11N40MIMO	Ant1	5755	8.13	0.00	8.13	≤30.00	PASS
11N40MIMO	Ant2	5755	7.62	0.00	7.62	≤30.00	PASS
11N40MIMO	total	5755	---	---	10.89	≤30.00	PASS
11N40MIMO	Ant1	5795	8.00	0.00	8.00	≤30.00	PASS
11N40MIMO	Ant2	5795	7.60	0.00	7.60	≤30.00	PASS
11N40MIMO	total	5795	---	---	10.81	≤30.00	PASS
11AC20MIMO	Ant1	5745	8.11	0.00	8.11	≤30.00	PASS
11AC20MIMO	Ant2	5745	7.72	0.00	7.72	≤30.00	PASS
11AC20MIMO	total	5745	---	---	10.93	≤30.00	PASS
11AC20MIMO	Ant1	5785	8.11	0.00	8.11	≤30.00	PASS
11AC20MIMO	Ant2	5785	7.72	0.00	7.72	≤30.00	PASS
11AC20MIMO	total	5785	---	---	10.93	≤30.00	PASS
11AC20MIMO	Ant1	5825	8.08	0.00	8.08	≤30.00	PASS
11AC20MIMO	Ant2	5825	7.81	0.00	7.81	≤30.00	PASS
11AC20MIMO	total	5825	---	---	10.96	≤30.00	PASS
11AC40MIMO	Ant1	5755	8.05	0.00	8.05	≤30.00	PASS
11AC40MIMO	Ant2	5755	7.62	0.00	7.62	≤30.00	PASS
11AC40MIMO	total	5755	---	---	10.85	≤30.00	PASS
11AC40MIMO	Ant1	5795	8.01	0.00	8.01	≤30.00	PASS
11AC40MIMO	Ant2	5795	7.61	0.00	7.61	≤30.00	PASS
11AC40MIMO	total	5795	---	---	10.82	≤30.00	PASS
11AC80MIMO	Ant1	5775	7.55	0.00	7.55	≤30.00	PASS
11AC80MIMO	Ant2	5775	7.12	0.00	7.12	≤30.00	PASS
11AC80MIMO	total	5775	---	---	10.35	≤30.00	PASS
11AX20MIMO	Ant1	5745	10.42	0.00	10.42	≤30.00	PASS
11AX20MIMO	Ant2	5745	7.83	0.00	7.83	≤30.00	PASS
11AX20MIMO	total	5745	---	---	12.33	≤30.00	PASS
11AX20MIMO	Ant1	5785	10.25	0.00	10.25	≤30.00	PASS
11AX20MIMO	total	5785	---	---	12.19	≤30.00	PASS
11AX20MIMO	Ant2	5785	7.77	0.00	7.77	≤30.00	PASS
11AX20MIMO	Ant1	5825	10.38	0.00	10.38	≤30.00	PASS
11AX20MIMO	Ant2	5825	7.85	0.00	7.85	≤30.00	PASS
11AX20MIMO	total	5825	---	---	12.31	≤30.00	PASS
11AX40MIMO	Ant1	5755	8.11	0.00	8.11	≤30.00	PASS



11AX40MIMO	Ant2	5755	7.57	0.00	7.57	≤30.00	PASS
11AX40MIMO	total	5755	---	---	10.86	≤30.00	PASS
11AX40MIMO	Ant1	5795	8.07	0.00	8.07	≤30.00	PASS
11AX40MIMO	Ant2	5795	7.58	0.00	7.58	≤30.00	PASS
11AX40MIMO	total	5795	---	---	10.84	≤30.00	PASS
11AX80MIMO	Ant1	5775	7.61	0.00	7.61	≤30.00	PASS
11AX80MIMO	Ant2	5775	7.06	0.00	7.06	≤30.00	PASS
11AX80MIMO	total	5775	---	---	10.35	≤30.00	PASS

Test plots



Note: Only 802.11a mode low channel plot is reported to show setting parameter complies with testing method and procedure.

AVGSA Power Spectral Density Test Result and Data

Test Mode	Antenna	Frequency[MHz]	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.73	≤11.00	PASS
11A	Ant2	5180	4.02	≤11.00	PASS
11A	Ant1	5200	2.63	≤11.00	PASS
11A	Ant2	5200	4.11	≤11.00	PASS
11A	Ant1	5240	2.65	≤11.00	PASS
11A	Ant2	5240	4.08	≤11.00	PASS
11N20SISO	Ant1	5180	1.14	≤11.00	PASS
11N20SISO	Ant2	5180	2.97	≤11.00	PASS
11N20SISO	Ant1	5200	1.15	≤11.00	PASS
11N20SISO	Ant2	5200	3.06	≤11.00	PASS
11N20SISO	Ant1	5240	1.07	≤11.00	PASS
11N20SISO	Ant2	5240	2.98	≤11.00	PASS
11N40SISO	Ant1	5190	-2.03	≤11.00	PASS
11N40SISO	Ant2	5190	-0.02	≤11.00	PASS
11N40SISO	Ant1	5230	-1.95	≤11.00	PASS
11N40SISO	Ant2	5230	-0.13	≤11.00	PASS
11AC20SISO	Ant1	5180	0.04	≤11.00	PASS
11AC20SISO	Ant2	5180	2.91	≤11.00	PASS
11AC20SISO	Ant1	5200	0.10	≤11.00	PASS
11AC20SISO	Ant2	5200	2.78	≤11.00	PASS
11AC20SISO	Ant1	5240	0.26	≤11.00	PASS
11AC20SISO	Ant2	5240	2.88	≤11.00	PASS
11AC40SISO	Ant1	5190	-1.94	≤11.00	PASS
11AC40SISO	Ant2	5190	-0.10	≤11.00	PASS
11AC40SISO	Ant1	5230	-2.00	≤11.00	PASS
11AC40SISO	Ant2	5230	-0.26	≤11.00	PASS
11AC80SISO	Ant1	5210	-5.44	≤11.00	PASS
11AC80SISO	Ant2	5210	-3.87	≤11.00	PASS
11AX20SISO	Ant1	5180	0.94	≤11.00	PASS
11AX20SISO	Ant2	5180	2.62	≤11.00	PASS
11AX20SISO	Ant1	5200	1.14	≤11.00	PASS
11AX20SISO	Ant2	5200	2.72	≤11.00	PASS
11AX20SISO	Ant1	5240	1.04	≤11.00	PASS
11AX20SISO	Ant2	5240	2.80	≤11.00	PASS
11AX40SISO	Ant1	5190	-1.91	≤11.00	PASS
11AX40SISO	Ant2	5190	-0.48	≤11.00	PASS
11AX40SISO	Ant1	5230	-2.18	≤11.00	PASS
11AX40SISO	Ant2	5230	-0.33	≤11.00	PASS
11AX80SISO	Ant1	5210	-5.37	≤11.00	PASS



11AX80SISO	Ant2	5210	-4.08	≤11.00	PASS
11N20MIMO	Ant1	5180	0.75	≤11.00	PASS
11N20MIMO	Ant2	5180	0.27	≤11.00	PASS
11N20MIMO	total	5180	3.53	≤11.00	PASS
11N20MIMO	Ant1	5200	0.83	≤11.00	PASS
11N20MIMO	Ant2	5200	0.28	≤11.00	PASS
11N20MIMO	total	5200	3.57	≤11.00	PASS
11N20MIMO	Ant1	5240	0.82	≤11.00	PASS
11N20MIMO	Ant2	5240	0.23	≤11.00	PASS
11N20MIMO	total	5240	3.55	≤11.00	PASS
11N40MIMO	Ant1	5190	-2.41	≤11.00	PASS
11N40MIMO	Ant2	5190	-3.02	≤11.00	PASS
11N40MIMO	total	5190	0.31	≤11.00	PASS
11N40MIMO	Ant1	5230	-2.35	≤11.00	PASS
11N40MIMO	Ant2	5230	-2.80	≤11.00	PASS
11N40MIMO	total	5230	0.44	≤11.00	PASS
11AC20MIMO	Ant1	5180	0.23	≤11.00	PASS
11AC20MIMO	Ant2	5180	0.14	≤11.00	PASS
11AC20MIMO	total	5180	3.20	≤11.00	PASS
11AC20MIMO	Ant1	5200	0.37	≤11.00	PASS
11AC20MIMO	Ant2	5200	0.22	≤11.00	PASS
11AC20MIMO	total	5200	3.31	≤11.00	PASS
11AC20MIMO	Ant1	5240	0.42	≤11.00	PASS
11AC20MIMO	Ant2	5240	0.19	≤11.00	PASS
11AC20MIMO	total	5240	3.32	≤11.00	PASS
11AC40MIMO	Ant1	5190	-2.62	≤11.00	PASS
11AC40MIMO	Ant2	5190	-2.85	≤11.00	PASS
11AC40MIMO	total	5190	0.28	≤11.00	PASS
11AC40MIMO	Ant1	5230	-2.65	≤11.00	PASS
11AC40MIMO	Ant2	5230	-3.82	≤11.00	PASS
11AC40MIMO	total	5230	-0.19	≤11.00	PASS
11AC80MIMO	Ant1	5210	-6.23	≤11.00	PASS
11AC80MIMO	Ant2	5210	-6.65	≤11.00	PASS
11AC80MIMO	total	5210	-3.42	≤11.00	PASS
11AX20MIMO	Ant1	5180	0.35	≤11.00	PASS
11AX20MIMO	Ant2	5180	-0.08	≤11.00	PASS
11AX20MIMO	total	5180	3.15	≤11.00	PASS
11AX20MIMO	Ant1	5200	0.39	≤11.00	PASS
11AX20MIMO	Ant2	5200	0.43	≤11.00	PASS
11AX20MIMO	total	5200	3.42	≤11.00	PASS
11AX20MIMO	Ant1	5240	0.64	≤11.00	PASS
11AX20MIMO	Ant2	5240	-0.38	≤11.00	PASS
11AX20MIMO	total	5240	3.17	≤11.00	PASS



11AX40MIMO	Ant1	5190	-2.87	≤ 11.00	PASS
11AX40MIMO	Ant2	5190	-2.92	≤ 11.00	PASS
11AX40MIMO	total	5190	0.12	≤ 11.00	PASS
11AX40MIMO	Ant1	5230	-2.47	≤ 11.00	PASS
11AX40MIMO	Ant2	5230	-3.01	≤ 11.00	PASS
11AX40MIMO	total	5230	0.28	≤ 11.00	PASS
11AX80MIMO	Ant1	5210	-6.15	≤ 11.00	PASS
11AX80MIMO	Ant2	5210	-7.27	≤ 11.00	PASS
11AX80MIMO	total	5210	-3.66	≤ 11.00	PASS



Test Mode	Antenna	Frequency[MHz]	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5260	2.54	≤11.00	PASS
11A	Ant2	5260	4.84	≤11.00	PASS
11A	Ant1	5300	2.30	≤11.00	PASS
11A	Ant2	5300	5.12	≤11.00	PASS
11A	Ant1	5320	2.06	≤11.00	PASS
11A	Ant2	5320	5.17	≤11.00	PASS
11N20SISO	Ant2	5260	3.86	≤11.00	PASS
11N20SISO	Ant1	5260	1.14	≤11.00	PASS
11N20SISO	Ant2	5300	3.97	≤11.00	PASS
11N20SISO	Ant1	5300	0.77	≤11.00	PASS
11N20SISO	Ant2	5320	3.87	≤11.00	PASS
11N20SISO	Ant1	5320	0.69	≤11.00	PASS
11N40SISO	Ant2	5270	0.72	≤11.00	PASS
11N40SISO	Ant1	5270	-1.88	≤11.00	PASS
11N40SISO	Ant2	5310	0.77	≤11.00	PASS
11N40SISO	Ant1	5310	-2.13	≤11.00	PASS
11AC20SISO	Ant2	5260	3.73	≤11.00	PASS
11AC20SISO	Ant1	5260	1.12	≤11.00	PASS
11AC20SISO	Ant2	5300	3.72	≤11.00	PASS
11AC20SISO	Ant1	5300	0.85	≤11.00	PASS
11AC20SISO	Ant2	5320	3.76	≤11.00	PASS
11AC20SISO	Ant1	5320	0.80	≤11.00	PASS
11AC40SISO	Ant2	5270	0.84	≤11.00	PASS
11AC40SISO	Ant1	5270	-2.12	≤11.00	PASS
11AC40SISO	Ant2	5310	1.08	≤11.00	PASS
11AC40SISO	Ant1	5310	-2.18	≤11.00	PASS
11AC80SISO	Ant2	5290	-2.77	≤11.00	PASS
11AC80SISO	Ant1	5290	-5.62	≤11.00	PASS
11AC160SISO	Ant2	5250_UNII-1	-4.54	≤11.00	PASS
11AC160SISO	Ant1	5250_UNII-1	-7.08	≤11.00	PASS
11AC160SISO	Ant2	5250_UNII-2A	-4.67	≤11.00	PASS
11AC160SISO	Ant1	5250_UNII-2A	-7.50	≤11.00	PASS
11AX20SISO	Ant2	5260	3.82	≤11.00	PASS
11AX20SISO	Ant1	5260	0.94	≤11.00	PASS
11AX20SISO	Ant2	5300	3.87	≤11.00	PASS
11AX20SISO	Ant1	5300	0.71	≤11.00	PASS
11AX20SISO	Ant2	5320	3.81	≤11.00	PASS
11AX20SISO	Ant1	5320	0.41	≤11.00	PASS
11AX40SISO	Ant2	5270	0.67	≤11.00	PASS
11AX40SISO	Ant1	5270	-2.14	≤11.00	PASS
11AX40SISO	Ant2	5310	0.52	≤11.00	PASS



11AX40SISO	Ant1	5310	-2.26	≤11.00	PASS
11AX80SISO	Ant2	5290	-2.71	≤11.00	PASS
11AX80SISO	Ant1	5290	-5.80	≤11.00	PASS
11AX160SISO	Ant2	5250_UNII-1	-4.75	≤11.00	PASS
11AX160SISO	Ant1	5250_UNII-1	-7.71	≤11.00	PASS
11AX160SISO	Ant2	5250_UNII-2A	-4.56	≤11.00	PASS
11AX160SISO	Ant1	5250_UNII-2A	-7.64	≤11.00	PASS
11N20MIMO	Ant1	5260	0.98	≤11.00	PASS
11N20MIMO	Ant2	5260	0.01	≤11.00	PASS
11N20MIMO	total	5260	3.53	≤11.00	PASS
11N20MIMO	Ant1	5280	1.08	≤11.00	PASS
11N20MIMO	Ant2	5280	0.59	≤11.00	PASS
11N20MIMO	total	5280	3.85	≤11.00	PASS
11N20MIMO	Ant1	5300	0.83	≤11.00	PASS
11N20MIMO	Ant1	5320	0.45	≤11.00	PASS
11N20MIMO	Ant2	5320	0.14	≤11.00	PASS
11N20MIMO	total	5320	3.31	≤11.00	PASS
11N40MIMO	Ant1	5270	-2.07	≤11.00	PASS
11N40MIMO	Ant2	5270	-3.00	≤11.00	PASS
11N40MIMO	total	5270	0.50	≤11.00	PASS
11N40MIMO	Ant1	5310	-2.34	≤11.00	PASS
11N40MIMO	Ant2	5310	-2.79	≤11.00	PASS
11N40MIMO	total	5310	0.45	≤11.00	PASS
11AC20MIMO	Ant1	5260	0.59	≤11.00	PASS
11AC20MIMO	Ant2	5260	-0.01	≤11.00	PASS
11AC20MIMO	total	5260	3.31	≤11.00	PASS
11AC20MIMO	Ant1	5280	0.36	≤11.00	PASS
11AC20MIMO	Ant2	5280	0.22	≤11.00	PASS
11AC20MIMO	total	5280	3.30	≤11.00	PASS
11AC20MIMO	Ant1	5320	-0.53	≤11.00	PASS
11AC20MIMO	Ant2	5320	0.03	≤11.00	PASS
11AC20MIMO	total	5320	2.77	≤11.00	PASS
11AC40MIMO	Ant1	5270	-2.58	≤11.00	PASS
11AC40MIMO	Ant2	5270	-3.18	≤11.00	PASS
11AC40MIMO	total	5270	0.14	≤11.00	PASS
11AC40MIMO	Ant1	5310	-2.62	≤11.00	PASS
11AC40MIMO	Ant2	5310	-2.95	≤11.00	PASS
11AC40MIMO	total	5310	0.23	≤11.00	PASS
11AC80MIMO	Ant1	5290	-6.14	≤11.00	PASS
11AC80MIMO	Ant2	5290	-6.39	≤11.00	PASS
11AC80MIMO	total	5290	-3.25	≤11.00	PASS
11AC160MIMO	Ant1	5250_UNII-1	-7.93	≤11.00	PASS
11AC160MIMO	Ant2	5250_UNII-1	-8.09	≤11.00	PASS



11AC160MIMO	total	5250_UNII-1	-5.00	≤11.00	PASS
11AC160MIMO	Ant1	5250_UNII-2A	-7.81	≤11.00	PASS
11AC160MIMO	Ant2	5250_UNII-2A	-8.02	≤11.00	PASS
11AC160MIMO	total	5250_UNII-2A	-4.90	≤11.00	PASS
11AX20MIMO	Ant1	5260	0.70	≤11.00	PASS
11AX20MIMO	Ant2	5260	-0.20	≤11.00	PASS
11AX20MIMO	total	5260	3.28	≤11.00	PASS
11AX20MIMO	Ant1	5280	0.41	≤11.00	PASS
11AX20MIMO	Ant2	5280	0.13	≤11.00	PASS
11AX20MIMO	total	5280	3.28	≤11.00	PASS
11AX20MIMO	Ant1	5320	0.33	≤11.00	PASS
11AX20MIMO	Ant2	5320	0.16	≤11.00	PASS
11AX20MIMO	total	5320	3.26	≤11.00	PASS
11AX40MIMO	Ant1	5270	-2.70	≤11.00	PASS
11AX40MIMO	Ant2	5270	-3.33	≤11.00	PASS
11AX40MIMO	total	5270	0.01	≤11.00	PASS
11AX40MIMO	Ant1	5310	-2.84	≤11.00	PASS
11AX40MIMO	Ant2	5310	-3.21	≤11.00	PASS
11AX40MIMO	total	5310	-0.01	≤11.00	PASS
11AX80MIMO	Ant1	5290	-6.17	≤11.00	PASS
11AX80MIMO	Ant2	5290	-6.46	≤11.00	PASS
11AX80MIMO	total	5290	-3.30	≤11.00	PASS
11AX160MIMO	Ant1	5250_UNII-1	-8.97	≤11.00	PASS
11AX160MIMO	Ant2	5250_UNII-1	-8.50	≤11.00	PASS
11AX160MIMO	total	5250_UNII-1	-5.72	≤11.00	PASS
11AX160MIMO	Ant1	5250_UNII-2A	-9.10	≤11.00	PASS
11AX160MIMO	Ant2	5250_UNII-2A	-8.67	≤11.00	PASS
11AX160MIMO	total	5250_UNII-2A	-5.87	≤11.00	PASS



Test Mode	Antenna	Frequency[MHz]	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	5.58	≤11.00	PASS
11A	Ant2	5500	5.20	≤11.00	PASS
11A	Ant1	5580	5.85	≤11.00	PASS
11A	Ant2	5580	5.63	≤11.00	PASS
11A	Ant1	5700	5.72	≤11.00	PASS
11A	Ant2	5700	5.09	≤11.00	PASS
11N20SISO	Ant1	5500	3.95	≤11.00	PASS
11N20SISO	Ant2	5500	3.91	≤11.00	PASS
11N20SISO	Ant1	5580	4.25	≤11.00	PASS
11N20SISO	Ant2	5580	4.16	≤11.00	PASS
11N20SISO	Ant1	5700	3.84	≤11.00	PASS
11N20SISO	Ant2	5700	3.58	≤11.00	PASS
11N40SISO	Ant1	5510	1.35	≤11.00	PASS
11N40SISO	Ant2	5510	1.29	≤11.00	PASS
11N40SISO	Ant1	5550	1.28	≤11.00	PASS
11N40SISO	Ant2	5550	1.31	≤11.00	PASS
11N40SISO	Ant1	5670	0.84	≤11.00	PASS
11N40SISO	Ant2	5670	0.98	≤11.00	PASS
11AC20SISO	Ant1	5500	4.08	≤11.00	PASS
11AC20SISO	Ant2	5500	3.94	≤11.00	PASS
11AC20SISO	Ant1	5580	4.38	≤11.00	PASS
11AC20SISO	Ant2	5580	4.32	≤11.00	PASS
11AC20SISO	Ant1	5700	3.69	≤11.00	PASS
11AC20SISO	Ant2	5700	3.85	≤11.00	PASS
11AC40SISO	Ant1	5510	1.23	≤11.00	PASS
11AC40SISO	Ant2	5510	1.14	≤11.00	PASS
11AC40SISO	Ant1	5550	1.21	≤11.00	PASS
11AC40SISO	Ant2	5550	1.24	≤11.00	PASS
11AC40SISO	Ant1	5670	0.93	≤11.00	PASS
11AC40SISO	Ant2	5670	1.06	≤11.00	PASS
11AC80SISO	Ant1	5530	-1.62	≤11.00	PASS
11AC80SISO	Ant2	5530	-1.77	≤11.00	PASS
11AC80SISO	Ant1	5610	-1.82	≤11.00	PASS
11AC80SISO	Ant2	5610	-2.01	≤11.00	PASS
11AC160SISO	Ant1	5570	-4.19	≤11.00	PASS
11AC160SISO	Ant2	5570	-4.46	≤11.00	PASS
11AX20SISO	Ant1	5500	3.88	≤11.00	PASS
11AX20SISO	Ant2	5500	3.85	≤11.00	PASS
11AX20SISO	Ant1	5580	4.32	≤11.00	PASS
11AX20SISO	Ant2	5580	4.25	≤11.00	PASS
11AX20SISO	Ant1	5700	4.05	≤11.00	PASS



11AX20SISO	Ant2	5700	3.56	≤11.00	PASS
11AX40SISO	Ant1	5510	1.20	≤11.00	PASS
11AX40SISO	Ant2	5510	1.07	≤11.00	PASS
11AX40SISO	Ant1	5550	1.37	≤11.00	PASS
11AX40SISO	Ant2	5550	1.15	≤11.00	PASS
11AX40SISO	Ant1	5670	0.87	≤11.00	PASS
11AX40SISO	Ant2	5670	1.03	≤11.00	PASS
11AX80SISO	Ant1	5530	-1.64	≤11.00	PASS
11AX80SISO	Ant2	5530	-1.74	≤11.00	PASS
11AX80SISO	Ant1	5610	-1.85	≤11.00	PASS
11AX80SISO	Ant2	5610	-2.15	≤11.00	PASS
11AX160SISO	Ant1	5570	-4.16	≤11.00	PASS
11AX160SISO	Ant2	5570	-4.59	≤11.00	PASS
11N20MIMO	Ant1	5500	-0.34	≤11.00	PASS
11N20MIMO	Ant2	5500	-0.94	≤11.00	PASS
11N20MIMO	total	5500	2.38	≤11.00	PASS
11N20MIMO	Ant1	5580	0.14	≤11.00	PASS
11N20MIMO	Ant2	5580	-0.82	≤11.00	PASS
11N20MIMO	total	5580	2.70	≤11.00	PASS
11N20MIMO	Ant1	5700	-0.34	≤11.00	PASS
11N20MIMO	Ant2	5700	-1.10	≤11.00	PASS
11N20MIMO	total	5700	2.31	≤11.00	PASS
11N40MIMO	Ant1	5510	-3.15	≤11.00	PASS
11N40MIMO	Ant2	5510	-3.78	≤11.00	PASS
11N40MIMO	total	5510	-0.44	≤11.00	PASS
11N40MIMO	Ant1	5550	-2.84	≤11.00	PASS
11N40MIMO	Ant2	5550	-3.42	≤11.00	PASS
11N40MIMO	total	5550	-0.11	≤11.00	PASS
11N40MIMO	Ant1	5670	-2.38	≤11.00	PASS
11N40MIMO	Ant2	5670	-3.25	≤11.00	PASS
11N40MIMO	total	5670	0.22	≤11.00	PASS
11AC20MIMO	Ant1	5500	-0.71	≤11.00	PASS
11AC20MIMO	Ant2	5500	-0.83	≤11.00	PASS
11AC20MIMO	total	5500	2.24	≤11.00	PASS
11AC20MIMO	Ant1	5580	0.30	≤11.00	PASS
11AC20MIMO	Ant2	5580	-0.72	≤11.00	PASS
11AC20MIMO	total	5580	2.83	≤11.00	PASS
11AC20MIMO	Ant1	5700	-0.74	≤11.00	PASS
11AC20MIMO	Ant2	5700	-1.12	≤11.00	PASS
11AC20MIMO	total	5700	2.08	≤11.00	PASS
11AC40MIMO	Ant1	5510	-3.42	≤11.00	PASS
11AC40MIMO	Ant2	5510	-3.85	≤11.00	PASS
11AC40MIMO	total	5510	-0.62	≤11.00	PASS



11AC40MIMO	Ant1	5550	-3.16	≤11.00	PASS
11AC40MIMO	Ant2	5550	-3.53	≤11.00	PASS
11AC40MIMO	total	5550	-0.33	≤11.00	PASS
11AC40MIMO	Ant1	5670	-3.07	≤11.00	PASS
11AC40MIMO	Ant2	5670	-3.05	≤11.00	PASS
11AC40MIMO	total	5670	-0.05	≤11.00	PASS
11AC80MIMO	Ant1	5530	-6.09	≤11.00	PASS
11AC80MIMO	Ant2	5530	-6.70	≤11.00	PASS
11AC80MIMO	total	5530	-3.37	≤11.00	PASS
11AC80MIMO	Ant1	5610	-6.51	≤11.00	PASS
11AC80MIMO	Ant2	5610	-6.99	≤11.00	PASS
11AC80MIMO	total	5610	-3.73	≤11.00	PASS
11AC160MIMO	Ant1	5570	-8.63	≤11.00	PASS
11AC160MIMO	Ant2	5570	-9.14	≤11.00	PASS
11AC160MIMO	total	5570	-5.87	≤11.00	PASS
11AX20MIMO	Ant1	5500	-0.57	≤11.00	PASS
11AX20MIMO	Ant2	5500	-1.05	≤11.00	PASS
11AX20MIMO	total	5500	2.21	≤11.00	PASS
11AX20MIMO	Ant1	5580	-0.16	≤11.00	PASS
11AX20MIMO	Ant2	5580	-0.88	≤11.00	PASS
11AX20MIMO	total	5580	2.51	≤11.00	PASS
11AX20MIMO	Ant1	5700	-0.60	≤11.00	PASS
11AX20MIMO	Ant2	5700	-1.22	≤11.00	PASS
11AX20MIMO	total	5700	2.11	≤11.00	PASS
11AX40MIMO	Ant1	5510	-3.36	≤11.00	PASS
11AX40MIMO	Ant2	5510	-3.66	≤11.00	PASS
11AX40MIMO	total	5510	-0.50	≤11.00	PASS
11AX40MIMO	Ant1	5550	-3.05	≤11.00	PASS
11AX40MIMO	Ant2	5550	-3.76	≤11.00	PASS
11AX40MIMO	total	5550	-0.38	≤11.00	PASS
11AX40MIMO	Ant1	5670	-2.82	≤11.00	PASS
11AX40MIMO	Ant2	5670	-2.83	≤11.00	PASS
11AX40MIMO	total	5670	0.19	≤11.00	PASS
11AX80MIMO	Ant1	5530	-6.29	≤11.00	PASS
11AX80MIMO	Ant2	5530	-6.59	≤11.00	PASS
11AX80MIMO	total	5530	-3.43	≤11.00	PASS
11AX80MIMO	Ant1	5610	-6.48	≤11.00	PASS
11AX80MIMO	Ant2	5610	-7.06	≤11.00	PASS
11AX80MIMO	total	5610	-3.75	≤11.00	PASS
11AX160MIMO	Ant1	5570	-8.81	≤11.00	PASS
11AX160MIMO	Ant2	5570	-9.57	≤11.00	PASS
11AX160MIMO	total	5570	-6.16	≤11.00	PASS



Test Mode	Antenna	Frequency[MHz]	Result[dBm/500kHz]	Limit[dBm/500kHz]	Verdict
11A	Ant1	5745	-3.09	≤30.00	PASS
11A	Ant2	5745	-1.16	≤30.00	PASS
11A	Ant1	5785	-3.11	≤30.00	PASS
11A	Ant2	5785	-0.87	≤30.00	PASS
11A	Ant2	5825	-0.97	≤30.00	PASS
11A	Ant1	5825	-2.85	≤30.00	PASS
11N20SISO	Ant1	5745	-4.52	≤30.00	PASS
11N20SISO	Ant2	5745	-2.42	≤30.00	PASS
11N20SISO	Ant1	5785	-4.36	≤30.00	PASS
11N20SISO	Ant2	5785	-2.26	≤30.00	PASS
11N20SISO	Ant1	5825	-3.91	≤30.00	PASS
11N20SISO	Ant2	5825	-2.03	≤30.00	PASS
11N40SISO	Ant1	5755	-7.58	≤30.00	PASS
11N40SISO	Ant2	5755	-5.37	≤30.00	PASS
11N40SISO	Ant1	5795	-7.32	≤30.00	PASS
11N40SISO	Ant2	5795	-5.27	≤30.00	PASS
11AC20SISO	Ant1	5745	-4.38	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.53	≤30.00	PASS
11AC20SISO	Ant1	5785	-4.28	≤30.00	PASS
11AC20SISO	Ant2	5785	-2.27	≤30.00	PASS
11AC20SISO	Ant1	5825	-4.01	≤30.00	PASS
11AC20SISO	Ant2	5825	-2.10	≤30.00	PASS
11AC40SISO	Ant1	5755	-7.50	≤30.00	PASS
11AC40SISO	Ant2	5755	-5.53	≤30.00	PASS
11AC40SISO	Ant1	5795	-7.59	≤30.00	PASS
11AC40SISO	Ant2	5795	-5.33	≤30.00	PASS
11AC80SISO	Ant1	5775	-11.29	≤30.00	PASS
11AC80SISO	Ant2	5775	-9.10	≤30.00	PASS
11AX20SISO	Ant1	5745	-4.60	≤30.00	PASS
11AX20SISO	Ant2	5745	-2.36	≤30.00	PASS
11AX20SISO	Ant1	5785	-4.24	≤30.00	PASS
11AX20SISO	Ant2	5785	-2.38	≤30.00	PASS
11AX20SISO	Ant1	5825	-4.27	≤30.00	PASS
11AX20SISO	Ant2	5825	-1.99	≤30.00	PASS
11AX40SISO	Ant1	5755	-7.66	≤30.00	PASS
11AX40SISO	Ant2	5755	-5.47	≤30.00	PASS
11AX40SISO	Ant1	5795	-7.52	≤30.00	PASS
11AX40SISO	Ant2	5795	-5.51	≤30.00	PASS
11AX80SISO	Ant1	5775	-11.06	≤30.00	PASS
11AX80SISO	Ant2	5775	-9.11	≤30.00	PASS
11N20MIMO	Ant1	5745	-5.49	≤30.00	PASS

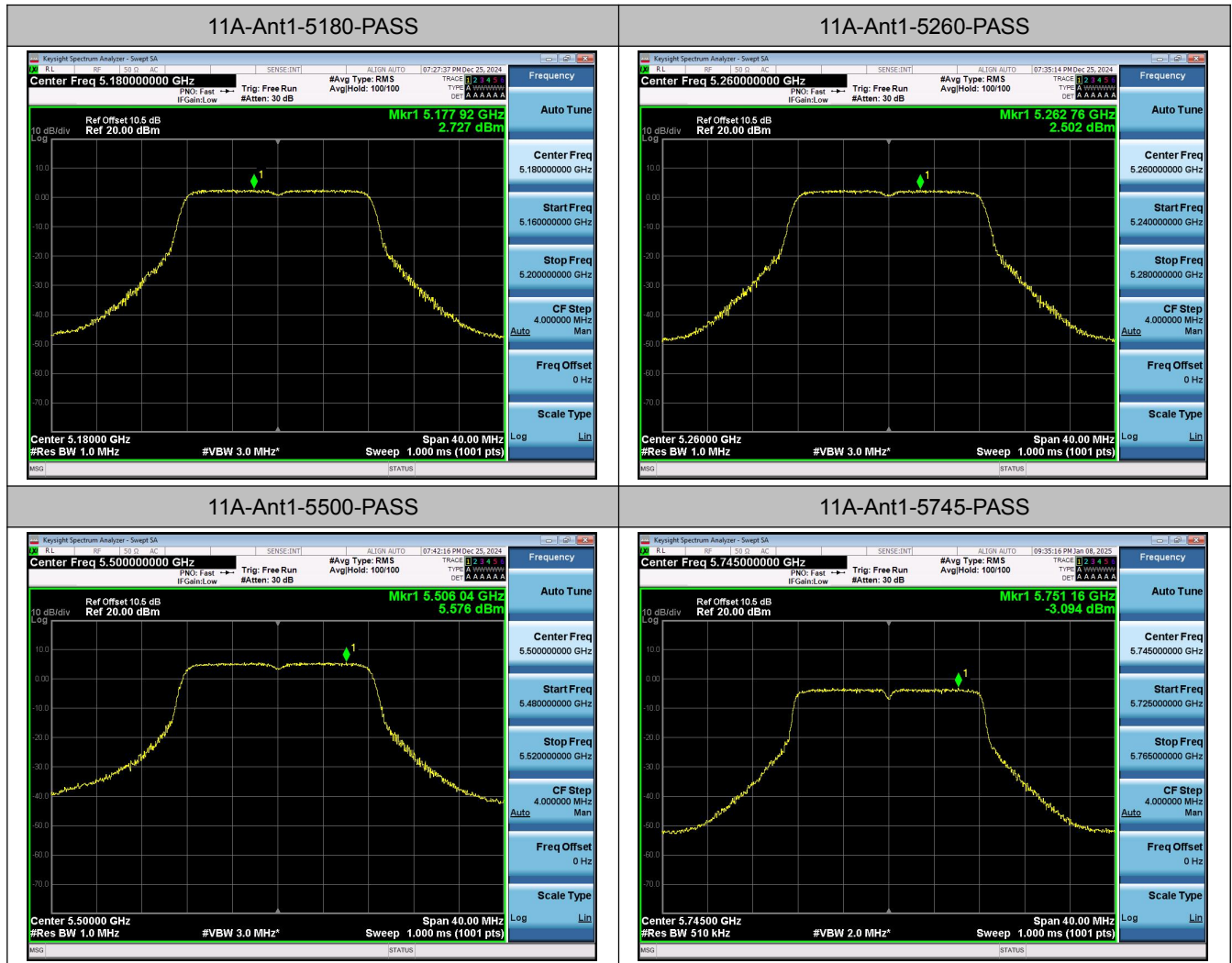


11N20MIMO	Ant2	5745	-6.38	≤30.00	PASS
11N20MIMO	total	5745	-2.90	≤30.00	PASS
11N20MIMO	Ant1	5785	-5.74	≤30.00	PASS
11N20MIMO	Ant2	5785	-6.38	≤30.00	PASS
11N20MIMO	total	5785	-3.04	≤30.00	PASS
11N20MIMO	Ant1	5825	-5.82	≤30.00	PASS
11N20MIMO	Ant2	5825	-6.21	≤30.00	PASS
11N20MIMO	total	5825	-3.00	≤30.00	PASS
11N40MIMO	Ant1	5755	-9.29	≤30.00	PASS
11N40MIMO	Ant2	5755	-9.69	≤30.00	PASS
11N40MIMO	total	5755	-6.48	≤30.00	PASS
11N40MIMO	Ant1	5795	-9.27	≤30.00	PASS
11N40MIMO	Ant2	5795	-9.67	≤30.00	PASS
11N40MIMO	total	5795	-6.46	≤30.00	PASS
11AC20MIMO	Ant1	5745	-6.07	≤30.00	PASS
11AC20MIMO	Ant2	5745	-6.61	≤30.00	PASS
11AC20MIMO	total	5745	-3.32	≤30.00	PASS
11AC20MIMO	Ant1	5785	-6.11	≤30.00	PASS
11AC20MIMO	Ant2	5785	-6.45	≤30.00	PASS
11AC20MIMO	total	5785	-3.27	≤30.00	PASS
11AC20MIMO	Ant1	5825	-6.10	≤30.00	PASS
11AC20MIMO	Ant2	5825	-6.37	≤30.00	PASS
11AC20MIMO	total	5825	-3.22	≤30.00	PASS
11AC40MIMO	Ant1	5755	-9.27	≤30.00	PASS
11AC40MIMO	Ant2	5755	-9.75	≤30.00	PASS
11AC40MIMO	total	5755	-6.49	≤30.00	PASS
11AC40MIMO	Ant1	5795	-9.31	≤30.00	PASS
11AC40MIMO	Ant2	5795	-9.33	≤30.00	PASS
11AC40MIMO	total	5795	-6.31	≤30.00	PASS
11AC80MIMO	Ant1	5775	-12.13	≤30.00	PASS
11AC80MIMO	Ant2	5775	-12.76	≤30.00	PASS
11AC80MIMO	total	5775	-9.42	≤30.00	PASS
11AX20MIMO	Ant1	5745	-3.82	≤30.00	PASS
11AX20MIMO	Ant2	5745	-6.50	≤30.00	PASS
11AX20MIMO	total	5745	-1.95	≤30.00	PASS
11AX20MIMO	Ant1	5785	-4.10	≤30.00	PASS
11AX20MIMO	Ant2	5785	-6.37	≤30.00	PASS
11AX20MIMO	total	5785	-2.08	≤30.00	PASS
11AX20MIMO	Ant1	5825	-3.45	≤30.00	PASS
11AX20MIMO	Ant2	5825	-6.50	≤30.00	PASS
11AX20MIMO	total	5825	-1.70	≤30.00	PASS
11AX40MIMO	Ant1	5755	-8.97	≤30.00	PASS
11AX40MIMO	Ant2	5755	-9.77	≤30.00	PASS



11AX40MIMO	total	5755	-6.34	≤30.00	PASS
11AX40MIMO	Ant1	5795	-9.15	≤30.00	PASS
11AX40MIMO	Ant2	5795	-9.76	≤30.00	PASS
11AX40MIMO	total	5795	-6.43	≤30.00	PASS
11AX80MIMO	Ant1	5775	-12.23	≤30.00	PASS
11AX80MIMO	Ant2	5775	-12.69	≤30.00	PASS
11AX80MIMO	total	5775	-9.44	≤30.00	PASS

Test Plots



Note: Only 802.11a mode low channel plot is reported to show setting parameter complies with testing method and procedure.

99% Occupied Bandwidth and 26dB Emission Bandwidth Test Result and Data

TestMode	Antenna	Frequency[MHz]	99% OBW[MHz]	26dB EBW[MHz]	Verdict
11A	Ant1	5180	16.795	22.360	PASS
11A	Ant2	5180	16.798	22.360	PASS
11A	Ant1	5200	16.767	22.000	PASS
11A	Ant2	5200	16.818	22.080	PASS
11A	Ant1	5240	16.841	22.280	PASS
11A	Ant2	5240	16.753	22.520	PASS
11N20SISO	Ant1	5180	17.939	23.480	PASS
11N20SISO	Ant2	5180	17.961	23.480	PASS
11N20SISO	Ant1	5200	17.957	23.520	PASS
11N20SISO	Ant2	5200	17.869	22.800	PASS
11N20SISO	Ant1	5240	17.945	23.320	PASS
11N20SISO	Ant2	5240	17.910	23.800	PASS
11N40SISO	Ant1	5190	36.386	44.080	PASS
11N40SISO	Ant2	5190	36.440	44.320	PASS
11N40SISO	Ant1	5230	36.346	43.760	PASS
11N40SISO	Ant2	5230	36.404	44.080	PASS
11AC20SISO	Ant1	5180	17.941	23.440	PASS
11AC20SISO	Ant2	5180	17.937	23.800	PASS
11AC20SISO	Ant1	5200	17.946	23.680	PASS
11AC20SISO	Ant2	5200	17.939	22.920	PASS
11AC20SISO	Ant1	5240	17.943	24.000	PASS
11AC20SISO	Ant2	5240	17.871	24.160	PASS
11AC40SISO	Ant1	5190	36.573	44.080	PASS
11AC40SISO	Ant2	5190	36.398	45.120	PASS
11AC40SISO	Ant1	5230	36.410	44.720	PASS
11AC40SISO	Ant2	5230	36.420	44.960	PASS
11AC80SISO	Ant1	5210	75.694	90.400	PASS
11AC80SISO	Ant2	5210	75.702	89.920	PASS
11AX20SISO	Ant1	5180	19.012	22.280	PASS
11AX20SISO	Ant2	5180	18.963	22.360	PASS
11AX20SISO	Ant1	5200	18.988	22.320	PASS
11AX20SISO	Ant2	5200	18.959	22.640	PASS
11AX20SISO	Ant1	5240	18.994	22.760	PASS
11AX20SISO	Ant2	5240	18.995	22.560	PASS
11AX40SISO	Ant1	5190	37.816	43.120	PASS
11AX40SISO	Ant2	5190	37.885	43.520	PASS
11AX40SISO	Ant1	5230	37.819	42.560	PASS
11AX40SISO	Ant2	5230	37.793	43.120	PASS
11AX80SISO	Ant1	5210	77.183	85.440	PASS



11AX80SISO	Ant2	5210	77.023	85.280	PASS
------------	------	------	--------	--------	------



TestMode	Antenna	Frequency[MHz]	99% OBW[MHz]	26dB EBW[MHz]	Verdict
11A	Ant1	5260	16.810	22.920	PASS
11A	Ant2	5260	16.767	22.320	PASS
11A	Ant1	5300	16.836	22.960	PASS
11A	Ant2	5300	16.845	21.800	PASS
11A	Ant1	5320	16.856	21.960	PASS
11A	Ant2	5320	16.785	22.400	PASS
11N20SISO	Ant2	5260	17.860	23.160	PASS
11N20SISO	Ant1	5260	17.924	23.360	PASS
11N20SISO	Ant2	5300	17.894	23.360	PASS
11N20SISO	Ant1	5300	17.968	23.040	PASS
11N20SISO	Ant2	5320	17.925	24.000	PASS
11N20SISO	Ant1	5320	17.892	22.760	PASS
11N40SISO	Ant2	5270	36.373	43.840	PASS
11N40SISO	Ant1	5270	36.359	44.160	PASS
11N40SISO	Ant2	5310	36.459	45.120	PASS
11N40SISO	Ant1	5310	36.496	44.480	PASS
11AC20SISO	Ant2	5260	17.895	23.680	PASS
11AC20SISO	Ant1	5260	17.958	23.800	PASS
11AC20SISO	Ant2	5300	17.994	23.440	PASS
11AC20SISO	Ant1	5300	17.957	24.200	PASS
11AC20SISO	Ant2	5320	17.950	23.160	PASS
11AC20SISO	Ant1	5320	17.915	23.920	PASS
11AC40SISO	Ant2	5270	36.497	44.640	PASS
11AC40SISO	Ant1	5270	36.500	44.800	PASS
11AC40SISO	Ant2	5310	36.479	43.760	PASS
11AC40SISO	Ant1	5310	36.454	44.880	PASS
11AC80SISO	Ant2	5290	75.806	89.760	PASS
11AC80SISO	Ant1	5290	75.657	91.520	PASS
11AX160SISO	Ant2	5250_UNII-1	78.416	85.44	PASS
11AX160SISO	Ant1	5250_UNII-1	78.555	87.36	PASS
11AX160SISO	Ant2	5250_UNII-2A	78.484	85.44	PASS
11AX160SISO	Ant1	5250_UNII-2A	77.945	85.76	PASS
11AX20SISO	Ant2	5260	19.004	22.160	PASS
11AX20SISO	Ant1	5260	18.974	22.560	PASS
11AX20SISO	Ant2	5300	18.962	22.600	PASS
11AX20SISO	Ant1	5300	19.038	22.280	PASS
11AX20SISO	Ant2	5320	18.997	22.080	PASS
11AX20SISO	Ant1	5320	18.996	22.440	PASS
11AX40SISO	Ant2	5270	37.892	43.600	PASS
11AX40SISO	Ant1	5270	37.839	43.440	PASS
11AX40SISO	Ant2	5310	37.756	43.120	PASS



11AX40SISO	Ant1	5310	37.763	42.320	PASS
11AX80SISO	Ant2	5290	77.216	86.080	PASS
11AX80SISO	Ant1	5290	77.221	86.240	PASS



TestMode	Antenna	Frequency[MHz]	99% OBW[MHz]	26dB EBW[MHz]	Verdict
11A	Ant1	5500	16.791	22.720	PASS
11A	Ant2	5500	16.831	22.760	PASS
11A	Ant1	5580	16.785	22.840	PASS
11A	Ant2	5580	16.833	22.360	PASS
11A	Ant1	5700	16.792	22.080	PASS
11A	Ant2	5700	16.820	22.680	PASS
11N20SISO	Ant1	5500	17.871	23.520	PASS
11N20SISO	Ant2	5500	17.934	23.120	PASS
11N20SISO	Ant1	5580	17.989	23.040	PASS
11N20SISO	Ant2	5580	17.879	23.120	PASS
11N20SISO	Ant1	5700	17.979	23.640	PASS
11N20SISO	Ant2	5700	17.913	22.960	PASS
11N40SISO	Ant1	5510	36.390	44.800	PASS
11N40SISO	Ant2	5510	36.369	43.440	PASS
11N40SISO	Ant1	5550	36.437	44.080	PASS
11N40SISO	Ant2	5550	36.380	44.640	PASS
11N40SISO	Ant1	5670	36.867	45.680	PASS
11N40SISO	Ant2	5670	36.821	46.480	PASS
11AC20SISO	Ant1	5500	17.933	23.240	PASS
11AC20SISO	Ant2	5500	17.951	23.640	PASS
11AC20SISO	Ant1	5580	17.993	23.640	PASS
11AC20SISO	Ant2	5580	17.877	23.440	PASS
11AC20SISO	Ant1	5700	18.012	23.640	PASS
11AC20SISO	Ant2	5700	17.887	23.600	PASS
11AC40SISO	Ant1	5510	36.503	44.720	PASS
11AC40SISO	Ant2	5510	36.541	44.560	PASS
11AC40SISO	Ant1	5550	36.468	44.480	PASS
11AC40SISO	Ant2	5550	36.530	44.880	PASS
11AC40SISO	Ant1	5670	36.706	44.960	PASS
11AC40SISO	Ant2	5670	36.824	45.040	PASS
11AC80SISO	Ant1	5530	75.792	91.840	PASS
11AC80SISO	Ant2	5530	75.743	90.880	PASS
11AC80SISO	Ant1	5610	75.668	88.640	PASS
11AC80SISO	Ant2	5610	75.589	90.080	PASS
11AC160SISO	Ant1	5570	155.21	174.720	PASS
11AC160SISO	Ant2	5570	155.33	176.000	PASS
11AX20SISO	Ant1	5500	18.967	22.440	PASS
11AX20SISO	Ant2	5500	18.944	22.120	PASS
11AX20SISO	Ant1	5580	18.981	22.280	PASS
11AX20SISO	Ant2	5580	19.005	22.360	PASS
11AX20SISO	Ant1	5700	18.950	21.920	PASS

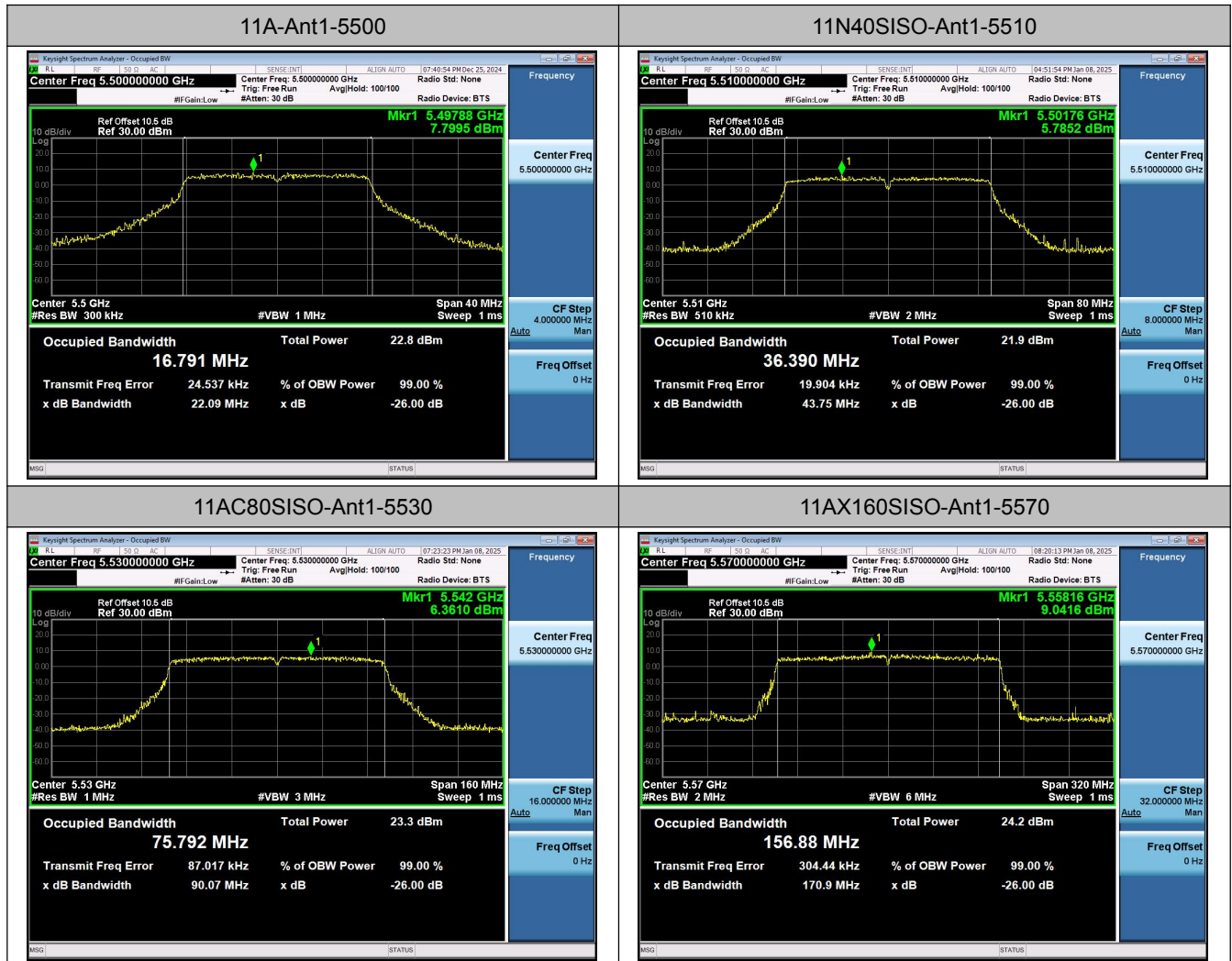


11AX20SISO	Ant2	5700	18.962	22.080	PASS
11AX40SISO	Ant1	5510	37.859	42.720	PASS
11AX40SISO	Ant2	5510	38.017	41.920	PASS
11AX40SISO	Ant1	5550	37.795	43.680	PASS
11AX40SISO	Ant2	5550	37.791	41.760	PASS
11AX40SISO	Ant1	5670	36.751	45.280	PASS
11AX40SISO	Ant2	5670	36.845	45.200	PASS
11AX80SISO	Ant1	5530	77.261	88.320	PASS
11AX80SISO	Ant2	5530	77.135	84.480	PASS
11AX80SISO	Ant1	5610	77.158	86.080	PASS
11AX80SISO	Ant2	5610	77.180	85.440	PASS
11AX160SISO	Ant1	5570	156.88	174.080	PASS
11AX160SISO	Ant2	5570	156.72	175.040	PASS

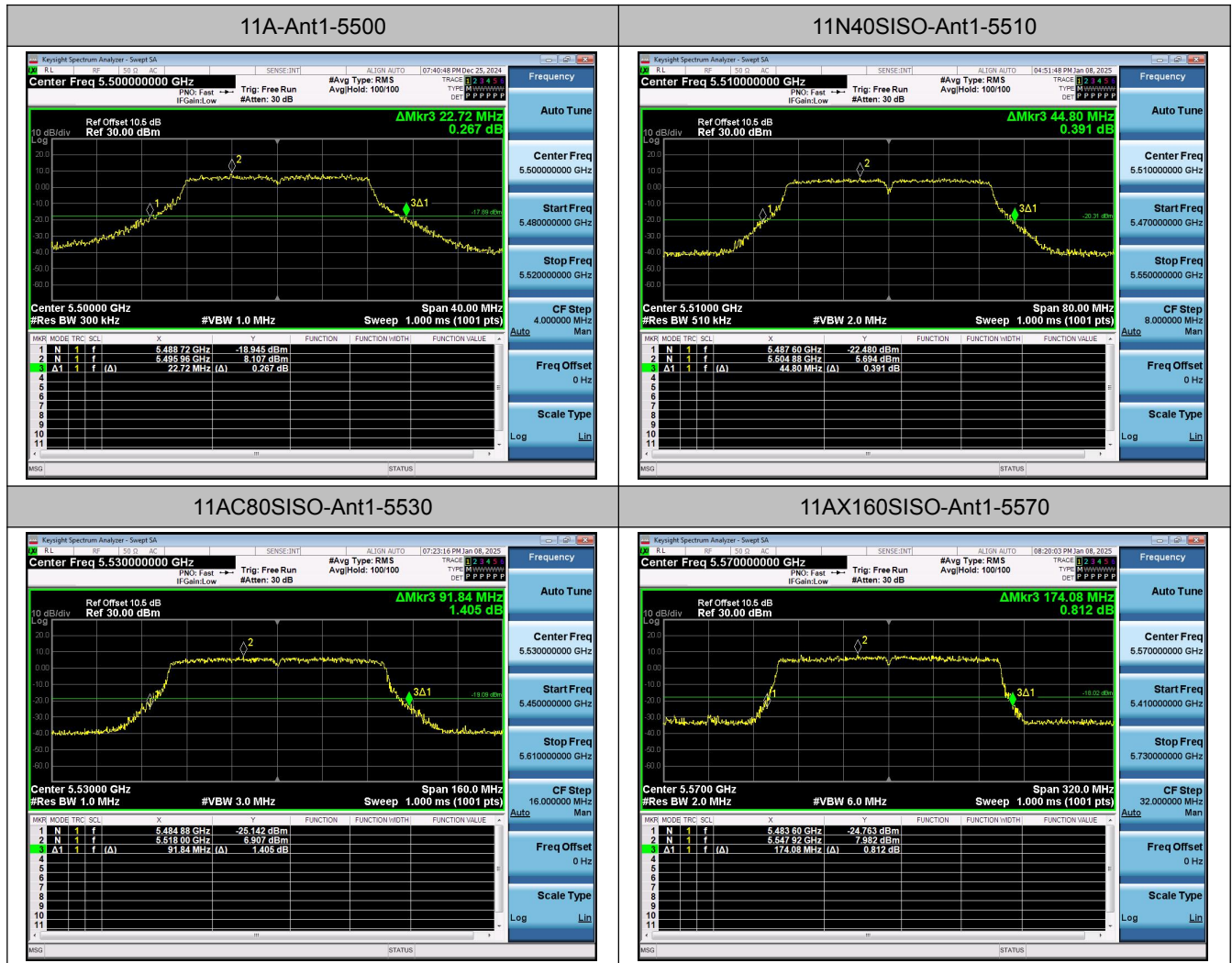


TestMode	Antenna	Frequency[MHz]	99% OBW[MHz]	26dB EBW[MHz]	Verdict
11A	Ant2	5745	17.147	21.840	PASS
11A	Ant1	5745	17.071	22.880	PASS
11A	Ant1	5785	17.127	21.240	PASS
11A	Ant2	5785	17.088	22.040	PASS
11A	Ant1	5825	17.102	22.600	PASS
11A	Ant2	5825	17.140	22.040	PASS
11N20SISO	Ant1	5745	18.143	22.840	PASS
11N20SISO	Ant2	5745	18.140	22.560	PASS
11N20SISO	Ant1	5785	18.221	22.800	PASS
11N20SISO	Ant2	5785	18.116	22.400	PASS
11N20SISO	Ant1	5825	18.172	22.320	PASS
11N20SISO	Ant2	5825	18.200	22.760	PASS
11N40SISO	Ant1	5755	36.689	43.760	PASS
11N40SISO	Ant2	5755	36.629	43.760	PASS
11N40SISO	Ant1	5795	36.753	43.440	PASS
11N40SISO	Ant2	5795	36.632	43.760	PASS
11AC20SISO	Ant1	5745	18.216	22.520	PASS
11AC20SISO	Ant2	5745	18.194	23.080	PASS
11AC20SISO	Ant1	5785	18.137	22.560	PASS
11AC20SISO	Ant2	5785	18.248	23.040	PASS
11AC20SISO	Ant1	5825	18.176	22.800	PASS
11AC20SISO	Ant2	5825	18.231	22.080	PASS
11AC40SISO	Ant1	5755	36.688	44.800	PASS
11AC40SISO	Ant2	5755	36.763	44.160	PASS
11AC40SISO	Ant1	5795	36.689	44.480	PASS
11AC40SISO	Ant2	5795	36.737	44.000	PASS
11AC80SISO	Ant1	5775	76.082	88.960	PASS
11AC80SISO	Ant2	5775	76.019	88.480	PASS
11AX20SISO	Ant1	5745	19.063	22.360	PASS
11AX20SISO	Ant2	5745	19.085	21.600	PASS
11AX20SISO	Ant1	5785	19.037	21.720	PASS
11AX20SISO	Ant2	5785	19.076	22.320	PASS
11AX20SISO	Ant1	5825	19.074	21.200	PASS
11AX20SISO	Ant2	5825	19.085	21.920	PASS
11AX40SISO	Ant1	5755	37.958	42.320	PASS
11AX40SISO	Ant2	5755	37.990	42.640	PASS
11AX40SISO	Ant1	5795	38.003	43.440	PASS
11AX40SISO	Ant2	5795	37.933	42.320	PASS
11AX80SISO	Ant1	5775	77.400	86.880	PASS
11AX80SISO	Ant2	5775	77.396	88.800	PASS

Test Plots



Note: Only UNII-2C 20MHz&40MHz&80MHz&160MHz Bandwidth test plot is reported to show setting parameter complies with testing method and procedure.



Note: Only UNII-2C 20MHz&40MHz&80MHz&160MHz Bandwidth test plot is reported to show setting parameter complies with testing method and procedure.

**6dB Down Bandwidth
Test Result and Data**

Test Mode	Antenna	Frequency[MHz]	6dB EBW[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.320	0.5	PASS
11A	Ant1	5745	16.400	0.5	PASS
11A	Ant2	5785	16.320	0.5	PASS
11A	Ant1	5785	16.360	0.5	PASS
11A	Ant2	5825	16.360	0.5	PASS
11A	Ant1	5825	16.360	0.5	PASS
11N20SISO	Ant1	5745	17.640	0.5	PASS
11N20SISO	Ant2	5745	17.560	0.5	PASS
11N20SISO	Ant1	5785	17.600	0.5	PASS
11N20SISO	Ant2	5785	17.520	0.5	PASS
11N20SISO	Ant1	5825	17.680	0.5	PASS
11N20SISO	Ant2	5825	17.600	0.5	PASS
11N40SISO	Ant1	5755	36.320	0.5	PASS
11N40SISO	Ant2	5755	35.920	0.5	PASS
11N40SISO	Ant1	5795	36.320	0.5	PASS
11N40SISO	Ant2	5795	36.320	0.5	PASS
11AC20SISO	Ant1	5745	17.640	0.5	PASS
11AC20SISO	Ant2	5745	17.560	0.5	PASS
11AC20SISO	Ant1	5785	17.520	0.5	PASS
11AC20SISO	Ant2	5785	17.520	0.5	PASS
11AC20SISO	Ant1	5825	17.520	0.5	PASS
11AC20SISO	Ant2	5825	17.520	0.5	PASS
11AC40SISO	Ant1	5755	36.320	0.5	PASS
11AC40SISO	Ant2	5755	36.160	0.5	PASS
11AC40SISO	Ant1	5795	36.320	0.5	PASS
11AC40SISO	Ant2	5795	35.680	0.5	PASS
11AC80SISO	Ant1	5775	74.880	0.5	PASS
11AC80SISO	Ant2	5775	75.680	0.5	PASS
11AX20SISO	Ant1	5745	18.640	0.5	PASS
11AX20SISO	Ant2	5745	18.360	0.5	PASS
11AX20SISO	Ant1	5785	18.120	0.5	PASS
11AX20SISO	Ant2	5785	18.240	0.5	PASS
11AX20SISO	Ant1	5825	18.560	0.5	PASS
11AX20SISO	Ant2	5825	18.320	0.5	PASS
11AX40SISO	Ant1	5755	37.760	0.5	PASS
11AX40SISO	Ant2	5755	37.520	0.5	PASS
11AX40SISO	Ant1	5795	37.840	0.5	PASS
11AX40SISO	Ant2	5795	37.920	0.5	PASS
11AX80SISO	Ant1	5775	77.120	0.5	PASS



11AX80SISO	Ant2	5775	76.640	0.5	PASS
------------	------	------	--------	-----	------

Test Graphs



Note: Only UNII-3 20MHz&40MHz&80MHz Bandwidth test plot is reported to show setting parameter complies with testing method and procedure.



Frequency Stability Test Result and Data

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	NT	0.00	0.000000	20	PASS
11A	Ant2	5180	LV	NT	20000.00	3.861004	20	PASS
11A	Ant2	5180	HV	NT	0.00	0.000000	20	PASS

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	40	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	-10	20000.00	3.861004	20	PASS
11A	Ant2	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	20	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	30	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	40	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	50	0.00	0.000000	20	PASS



Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	LV	NT	20000.00	3.802281	20	PASS
11A	Ant2	5260	HV	NT	20000.00	3.802281	20	PASS

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5260	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-20	20000.00	3.802281	20	PASS
11A	Ant1	5260	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	10	20000.00	3.802281	20	PASS
11A	Ant1	5260	NV	20	20000.00	3.802281	20	PASS
11A	Ant1	5260	NV	30	20000.00	3.802281	20	PASS
11A	Ant1	5260	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	50	0.00	0.000000	20	PASS
11A	Ant2	5260	NV	-30	20000.00	3.802281	20	PASS
11A	Ant2	5260	NV	-20	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	-10	0.00	0.000000	20	PASS
11A	Ant2	5260	NV	0	0.00	0.000000	20	PASS
11A	Ant2	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	20	20000.00	3.802281	20	PASS
11A	Ant2	5260	NV	30	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant2	5260	NV	50	20000.00	3.802281	20	PASS



Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5500	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	HV	NT	0.00	0.000000	20	PASS
11A	Ant2	5500	NV	NT	0.00	0.000000	20	PASS
11A	Ant2	5500	LV	NT	0.00	0.000000	20	PASS
11A	Ant2	5500	HV	NT	0.00	0.000000	20	PASS

Test Mode	Antenna	Frequency[MHz]	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
11A	Ant1	5500	NV	-30	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	-20	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	-10	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	0	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	30	20000.00	3.636364	20	PASS
11A	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	50	-20000.00	-3.636364	20	PASS
11A	Ant2	5500	NV	-30	20000.00	3.636364	20	PASS
11A	Ant2	5500	NV	-20	20000.00	3.636364	20	PASS
11A	Ant2	5500	NV	-10	0.00	0.000000	20	PASS
11A	Ant2	5500	NV	0	20000.00	3.636364	20	PASS
11A	Ant2	5500	NV	10	-20000.00	-3.636364	20	PASS
11A	Ant2	5500	NV	20	0.00	0.000000	20	PASS
11A	Ant2	5500	NV	30	20000.00	3.636364	20	PASS
11A	Ant2	5500	NV	40	0.00	0.000000	20	PASS
11A	Ant2	5500	NV	50	0.00	0.000000	20	PASS



Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5745	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	LV	NT	20000.00	3.481288	20	PASS
11A	Ant2	5745	HV	NT	0.00	0.000000	20	PASS

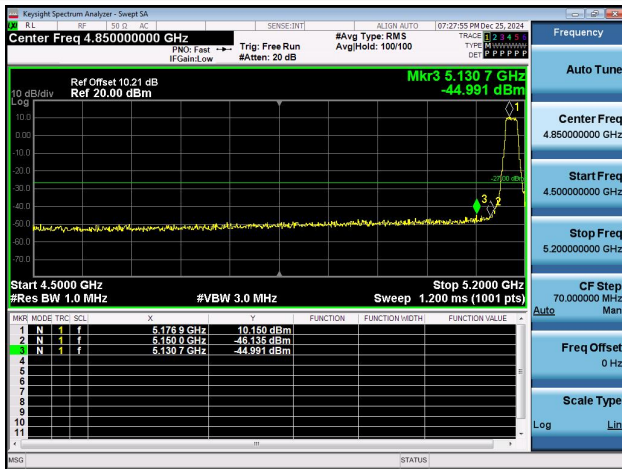
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant2	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	-20	0.00	0.000000	20	PASS
11A	Ant2	5745	NV	-10	20000.00	3.481288	20	PASS
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	20	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	0	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant2	5745	NV	20	0.00	0.000000	20	PASS
11A	Ant2	5745	NV	30	0.00	0.000000	20	PASS
11A	Ant2	5745	NV	40	20000.00	3.481288	20	PASS
11A	Ant2	5745	NV	50	20000.00	3.481288	20	PASS

Note 1: All of the EUT Configure Mode were tested, the worst case is recorded in this report.

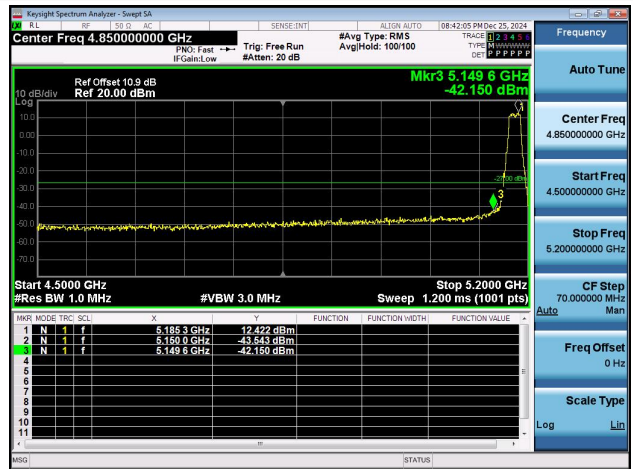
Conducted Band Edges

Test Result and Data

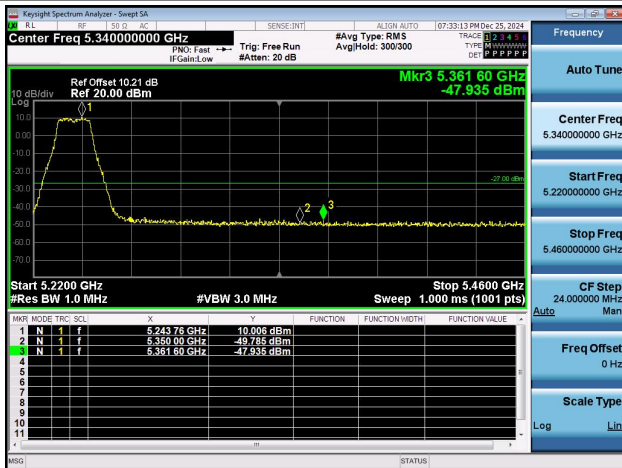
11A-Ant1-5180-PASS



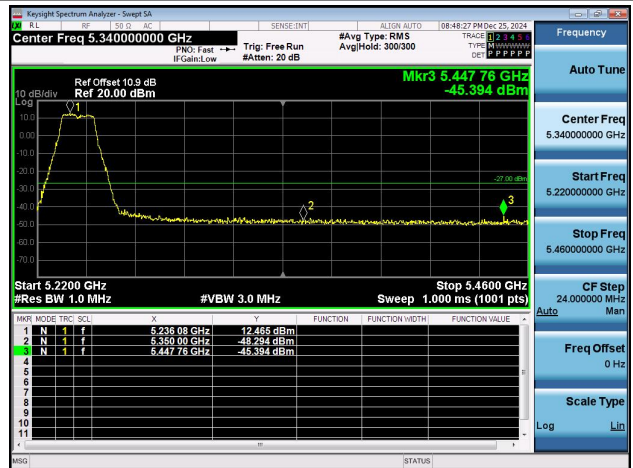
11A-Ant2-5180-PASS



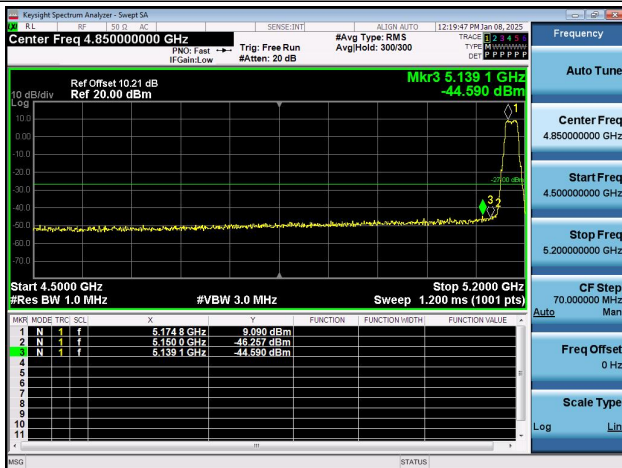
11A-Ant1-5240-PASS



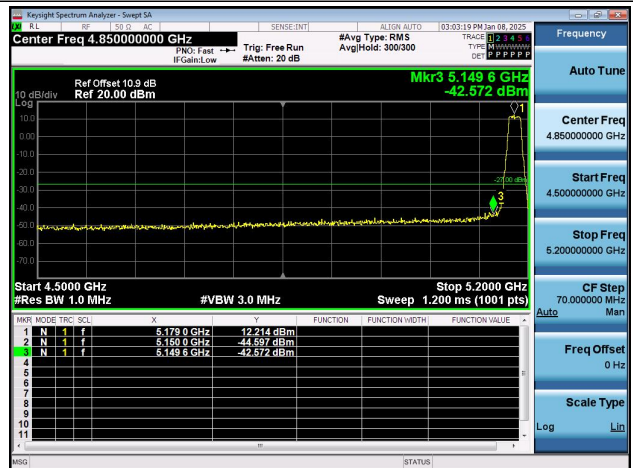
11A-Ant2-5240-PASS



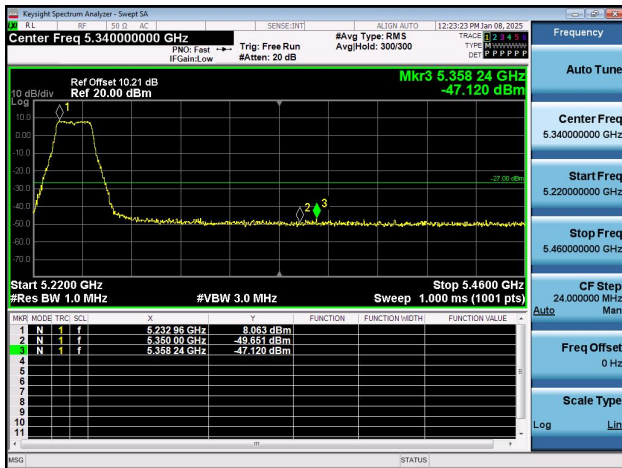
11N20SISO-Ant1-5180-PASS



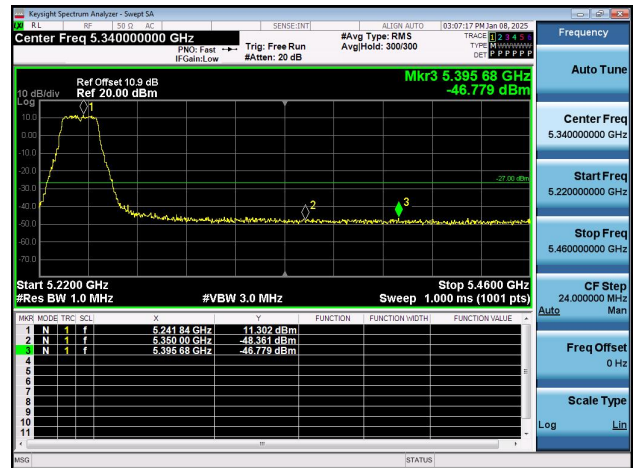
11N20SISO-Ant2-5180-PASS



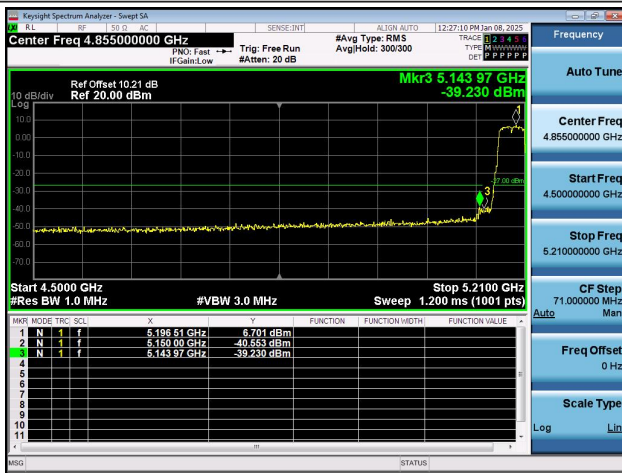
11N20SISO-Ant1-5240-PASS



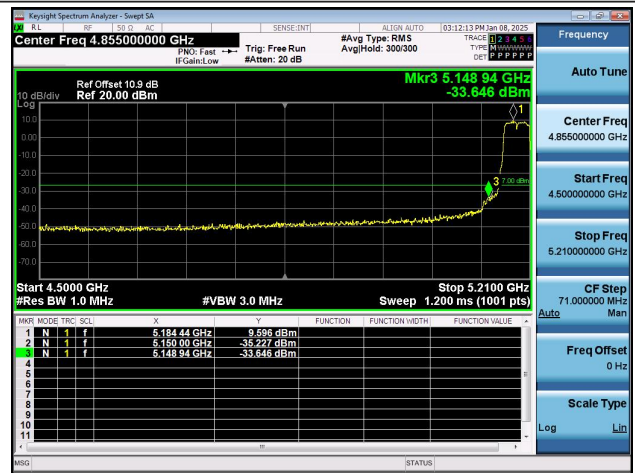
11N20SISO-Ant2-5240-PASS



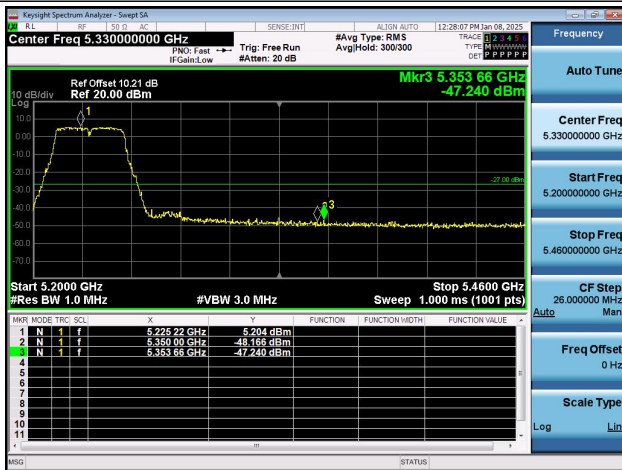
11N40SISO-Ant1-5190-PASS



11N40SISO-Ant2-5190-PASS



11N40SISO-Ant1-5230-PASS



11N40SISO-Ant2-5230-PASS

