

TEST REPORT

Product Name: Spray Disinfection Robot

Model Number: FJDT02SP

FCC ID : 2A2LLFJDT02SP

Prepared for : FJ Dynamics Co., Ltd.

Address : 1709, WeiXing Building., 61 GaoXin South 9th Rd.,

Nanshan District, Shenzhen, China

Prepared by : EMTEK (SHENZHEN) CO., LTD.

Address : Building 69, Majialong Industry Zone, Nanshan District,

Shenzhen, Guangdong, China

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Report Number : ENS2203310211W00402R

Date(s) of Tests : March 31, 2022 to May 14, 2022

Date of issue: May 26, 2022

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1 TEST RESULT CERTIFICATION

Applicant : FJ Dynamics Co., Ltd.

Address : 1709, WeiXing Building., 61 GaoXin South 9th Rd., Nanshan District, Shenzhen,

China

Manufacturer : FJ Dynamics Co., Ltd.

Address 1709, WeiXing Building., 61 GaoXin South 9th Rd., Nanshan District, Shenzhen,

· China

EUT : Spray Disinfection Robot

Model Name : FJDT02SP

Trademark : FJDynamics

Measurement Procedure Used:

APPLICABLE STANDARDS				
STANDARD TEST RESULT				
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart E	PASS			

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 2 and Part 15.407

The test results of this report relate only to the tested sample identified in this report.

Date of Test:	March 31, 2022 to May 14, 2022
Prepared by :	Una yu
	Una Yu /Editor
Reviewer :	Tre Ha **
	Joe Xia /Supervisor FSTING
Approve & Authorized Signer :	2005
	Lisa Wang/Manager

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Modified History

Version	Report No.	Revision Date	Summary
V1.0 ENS2203310211W00402R		/	Original Report





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2 EUT TECHNICAL DESCRIPTION

Characteristics	Description			
Product:	Spray Disinfection Robot			
Model Number:	FJDT02SP			
Sample Number:	2#			
Wifi Type:	☑ Wifi 5G with 5150MHz-5250MHz Band ☑ Wifi 5G with 5725MHz-5850MHz Band			
WLAN Supported:	 			
Data Rate :	 ⊠ 802.11a:54/48/36/24/18/12/9/6Mbps ⊠ 802.11n:up to 300 Mbps ⊠ 802.11ac:up to 867 Mbps □ 802.11ax:up to 1201 Mbps 			
Modulation:	□ OFDM with BPSK/QPSK/16QAM/64QAM □ OFDM with BPSK/QPSK/16QAM/64QAM □ OFDMA with 1024QAM for 802.11AX HE	M/256QAM for 802.11ac		
	⊠ UNII-1: 5150MHz-5250MHz Band			
	 ∑ 5180-5240MHz for 802.11a; ∑ 5180-5240MHz for 802.11n(HT20); ∑ 5180-5240MHz for 802.11ac(HT20); 	 ∑ 5190-5230MHz for 802.11n(HT40); ∑ 5190-5230MHz for 802.11ac(HT40); ∑ 5210MHz for 802.11ac(HT80); 		
Frequency Range:	☑ UNII-3 with 5725MHz-5850MHz Band			
	 ∑ 5745-5825MHz for 802.11a; 	 ∑ 5755-5795MHz for 802.11n(HT40); ∑ 5755-5795MHz for 802.11ac(HT40); ∑ 5775MHz for 802.11ac(HT80); 		
TPC Function:	☐ Applicable	⊠ Not Applicable		
Antenna Port:	⊠ Antenna port 1 ⊠ Antenna port 2			
Antenna Type:	Internal Antenna			
Antenna Gain:	ANT 1/ANT 2: 0.8 dBi (with cable loss)			
Transmit Power:	SISO: 5150MHz-5250MHz : 12.86 dBm 5725MHz-5850MHz : 12.31 dBm MIMO:			



	5150MHz-5250MHz : 15.68 dBm 5725MHz-5850MHz : 15.12 dBm
Power Supply :	Adapter: AC 100-240V, 50/60Hz Internal battery: DC 25.6V
Date of Received:	March 31, 2022
Temperature Range:	0°C ~ +50°C

Note: For more details, please refer to the User's manual of the EUT.





3 SUMMARY OF TEST RESULT

FCC Part Clause	Test Parameter	Verdict	Remark
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407 (a)	Peak Power Spectral Density	PASS	
15.407 (b)	Radiated Spurious Emission	PASS	
15.407(g)	Frequency Stability	PASS	
15.407 (b)(6) 15.207	Power Line Conducted Emission	PASS	
15.407(a) 15.203	Antenna Application	PASS	

NOTE1: N/A (Not Applicable)

NOTE2: According to FCC OET KDB 789033 D2 General UNII Test Procedures New Rules v02r01, In addition, the radiated test is also performed to ensure the emissions emanating from the device cabinet also comply with the applicable limits.

RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is intended for FCC ID: 2A2LLFJDT02SP filing to comply with Section 15.247 of the FCC Part 15, Subpart C Rules.



4 TEST METHODOLOGY

4.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:

FCC 47 CFR Part 2, Subpart J

FCC 47 CFR Part 15, Subpart E

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 789033 D2 General UNII Test Procedures New Rules v02r01

4.2 MEASUREMENT EQUIPMENT USED

Conducted Emission Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Test Receiver	Test Receiver Rohde & Schwarz		101384	May 15, 2021	1 Year
L.I.S.N.	Rohde & Schwarz	ENV216	5	May 15, 2021	1 Year
L.I.S.N.	Kyoritsu	KNW-407	8-1492-9	May 16, 2021	1 Year
Absorbing Clamp	Rohde & Schwarz	MDS-21	833711/025	May 15, 2021	1 Year
Loop antenna	Laplace	RF300	8006	May 15, 2021	1 Year
Van der Hoofden test-head	Schwarzbeck	VDHH 9502	9502-054	May 15, 2021	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100107	May 15, 2021	1 Year

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESU 26	100154	May 15, 2021	1 Year
Pre-Amplifie	Lunar EM	LNA30M3G-25	J10100000070	May 15, 2021	1 Year
Bilog Antenna	Schwarzbeck	VULB9163	659	Aug. 22, 2021	2 Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1177	July 4, 2020	2 Year
Pre-Amplifie	SKET	LNPA_0118G-45	SK2019051801	May 15, 2021	1 Year
Loop Antenna	Schwarzbeck	FMZB1519	1519-012	June 12, 2021	2 Year
·	Rohde & Schwarz	FSV40	100967	May 15, 2021	1 Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1178	July 4, 2020	2 Year
Bilog Antenna Schwarzbeck	Schwarzbeck	VULB9163	660	June 12, 2021	2 Year
Cable	H+B	NmSm-05-C15052	N/A	May 15, 2021	1 Year
Cable	H+B	NmSm-2-C15201	N/A	May 15, 2021	1 Year
Cable	H+B	NmNm-7-C15702	N/A	May 15, 2021	1 Year
Cable	H+B	SAC-40G-1	414	May 15, 2021	1 Year
Cable	H+B	SUCOFLEX104	MY14871/4	May 15, 2021	
Cable H+B Band reject Filter(50dB) WI/DE		BLU18A-NmSm-650 0	D8501	May 15, 2021	1 Year
		WRCGV-2400(2400- 2485MHz)	2	May 15, 2021	1 Year

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For other test items:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Vector Signal Generater	Agilent	N5182B	My53050553	May 15, 2021	1 Year
Analog Signal Generator	Agilent	N5171B	My53050878	May 15, 2021	1 Year
Signal Analyzer	Agilent	N9010A	My53470879	May 15, 2021	1 Year
Power Analyzer	r Agilent	PS-X10-200	N/A	May 15, 2021	1 Year
Wideband Radio Communication Tester	R&S	CMW500	1201.0002K50- 140822zk	May 15, 2021	1 Year
Test Accessories	Agilent	PS-X10-100	N/A	May 15, 2021	1 Year
Temperature&Humidity test chamber	ESPEC	EL-02KA	12107166	July 03, 2021	1 Year
Blocking Box	Agilent	AD211	N/A	May 15, 2021	1 Year

Remark: Each piece of equipment is scheduled for calibration once a year.



4.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

⊠ Wifi 5G with U-NII - 1

Frequency and Channel list for 802.11a, 802.11n (HT20), 802.11ac (HT20):

<u></u>						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	
36	5180	44	5220			
40	5200	48	5240			

Frequency and Channel list for 802.11n (HT40), 802.11ac (HT40)):

16quency and enamed list for 602.1111 (111+0), 602.1140 (111+0)).							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)		
38	5190	46	5230				

Frequency and Channel list for 802.11ac (HT80):

. requeries and	Gridinion list for	002::::00	· _		<u> </u>
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210				

Test Frequency and Channel for 802.11a, 802.11n (HT20), 802.11ac (HT20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	48	5240

Test Frequency and channel for 802.11n (HT40), 802.11ac (HT40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

Test Frequency and channel for802.11ac (HT80):

root i roquonoy une	a orialino lolooz. Il	40 (11100).			
Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	N/A	N/A	N/A	N/A



₩ Wifi 5G with U-NII -3

Frequency and Channel list for 802.11a, 802.11n (HT20):

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

Frequency and Channel list for 802.11n (HT40), 802.11ac (HT40):

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

Frequency and Channel list for 802.11ac (HT80)):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
155	5775				, ,

Test Frequency and Channel for 802.11a, 802.11n (HT20), 802.11ac (HT20);

Lowest Frequency		,	Middle Frequency		st Frequency
				1.1.9.10	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825

Test Frequency and channel for 802.11n (HT40), 802.11ac (HT40)

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	N/A	N/A	159	5795

Test Frequency and channel for 802.11ac (HT80)

Lowest Frequency		Middle F	requency	Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
155	5775				

The 5G WIFI has two antennas and support Multiple Outputs for 802.11n/ac mode for this report; Antenna 1 Gain is 0.8dBi; Antenna 2 Gain is 0.8dBi; for this function is belong to Correlated Categorization equipment

According to KDB 662911, for identical antenna gains,

Directional gain = 10 log (2) + 0.8dBi=3.8 dBi

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5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at:

EMTEK (Shenzhen) Co., Ltd.

Building 69, Majialong Industry Zone District, Nanshan District, Shenzhen, China The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with preselectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.3 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description	
EMC Lab.	 Accredited by CNAS The Certificate Registration Number is L2291. The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017)
	Accredited by FCC Designation Number: CN1204 Test Firm Registration Number: 882943
	Accredited by A2LA The Certificate Number is 4321.01.
	Accredited by Industry Canada The Conformity Assessment Body Identifier is CN0008
Name of Firm Site Location	: EMTEK (SHENZHEN) CO., LTD.: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China

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6 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Uncertainty		
±1x10^-5		
±1.0dB		
±2.0dB		
±2.0dB		
±2.0dB		
±1.0dB		
±3dB		
±3dB		
±3dB		
±0.5°C		
±3%		

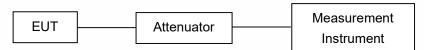
Measurement Uncertainty for a level of Confidence of 95%



7 SETUP OF EQUIPMENT UNDER TEST

7.1 RADIO FREQUENCY TEST SETUP

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



7.2 RADIO FREQUENCY TEST SETUP

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m.The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

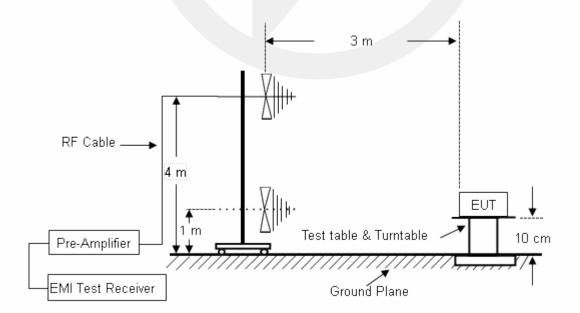
Above 30MHz:

The EUT is placed on a plane 0.1 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Above 1GHz:

(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.) The EUT is placed on a plane 0.1 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

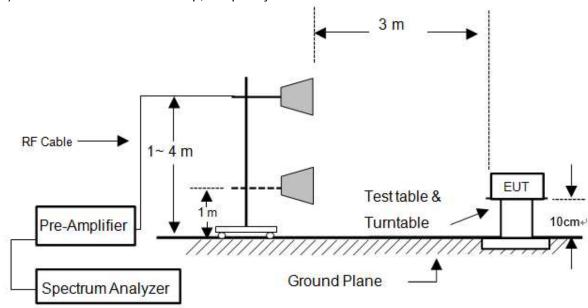
(a) Radiated Emission Test Set-Up, Frequency Below 1000MHz



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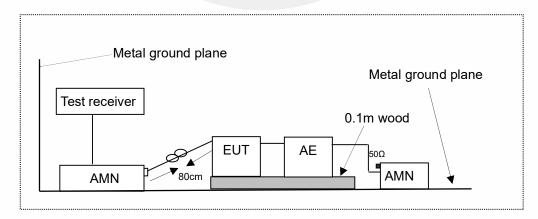


7.3 CONDUCTED EMISSION TEST SETUP

The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

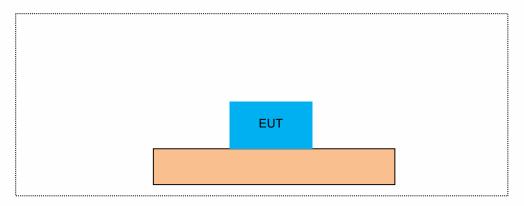
Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.





7.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



7.5 SUPPORT EQUIPMENT

EUT Cable List and Details							
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite				
1	1	1	1				

Auxiliary Cable List and Details							
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite				
1	1		1				

Auxiliary Equipment List and Details						
Description	Manufacturer	Model	Serial Number			
Notebook	acer	ZR1	LXTECOCO76643158 372500			

Notes:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

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8 TEST REQUIREMENTS

8.1 BANDWIDTH MEASUREMENT

8.1.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I

According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C

According to FCC Part 15.407(a)(3) for UNII Band III

According to FCC Part 15.407(e) for UNII Band III

According to 789033 D02 Section II(C)

According to 789033 D02 Section II(D)

8.1.2 Conformance Limit

- (1) For the band 5.15-5.25 GHz.
- (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz 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.
- (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz 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.
- (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
- (e) Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

8.1.3 Test Configuration

Test according to clause 7.1 radio frequency test setup

8.1.4 Test Procedure

According to 789033 D02 v02r01 section C&D, the following is the measurement procedure.

- 1. Emission Bandwidth (EBW)
- a) Set RBW = approximately 1% of the emission bandwidth.
- b) Set the VBW > RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.

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Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) \geq 3 \times RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

D. 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section II.G.3.d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the EBW to 789033 D02 v01r02 General UNII Test Procedures New Rules v01 define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth:

- 1. Set center frequency to the nominal EUT channel center frequency.
- 2. Set span = 1.5 times to 5.0 times the OBW.
- 3. Set RBW = 1% to 5% of the OBW
- 4. Set VBW ≥ 3 RBW
- 5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- 6. Use the 99 % power bandwidth function of the instrument (if available).
- 7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

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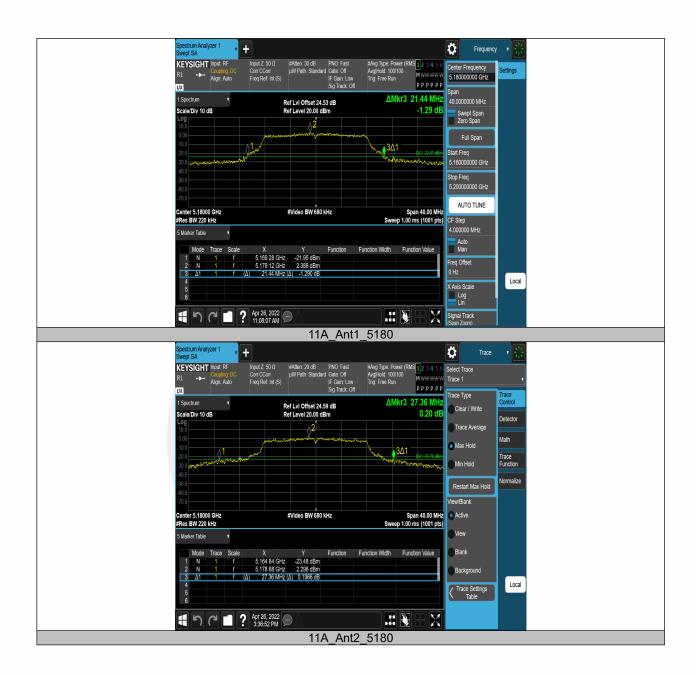


8.1.5 Test Results

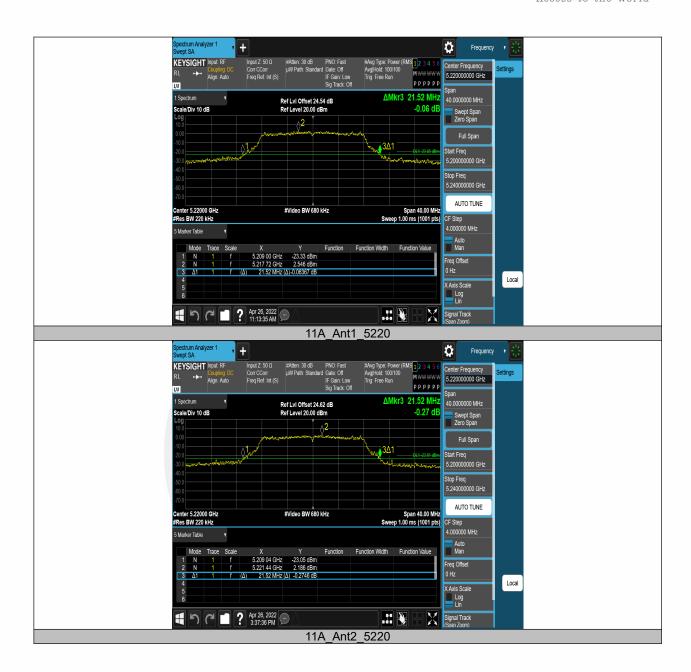
26db

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	Ant1	5180	21.440	5169.280	5190.720		
	Ant2	5180	27.360	5164.840	5192.200		
11A	Ant1	5220	21.520	5209.000	5230.520		
IIA	Ant2	5220	21.520	5209.040	5230.560		
	Ant1	5240	21.280	5229.280	5250.560		
	Ant2	5240	21.200	5229.200	5250.400		
	Ant1	5180	22.280	5169.160	5191.440		
	Ant2	5180	22.040	5168.680	5190.720		
11N20SISO	Ant1	5220	21.480	5209.200	5230.680		
1111/203130	Ant2	5220	21.440	5209.200	5230.640		
	Ant1	5240	21.640	5229.120	5250.760		
	Ant2	5240	21.160	5229.320	5250.480		
	Ant1	5190	48.000	5168.400	5216.400		
11N40SISO	Ant2	5190	40.000	5170.000	5210.000		
1111403130	Ant1	5230	49.360	5208.240	5257.600		
	Ant2	5230	40.080	5209.680	5249.760		
	Ant1	5180	21.640	5169.120	5190.760		
	Ant2	5180	21.560	5169.000	5190.560		
1110000100	Ant1	5220	22.000	5208.760	5230.760		
11AC20SISO	Ant2	5220	25.200	5205.560	5230.760		
	Ant1	5240	21.880	5228.840	5250.720		
	Ant2	5240	21.520	5229.200	5250.720		
	Ant1	5190	45.440	5170.000	5215.440		
11AC40SISO	Ant2	5190	40.160	5169.680	5209.840		
1140403130	Ant1	5230	42.240	5209.840	5252.080		
	Ant2	5230	39.920	5210.000	5249.920		
11AC80SISO	Ant1	5210	99.520	5163.600	5263.120		
TIAC8USISO	Ant2	5210	82.560	5168.080	5250.640		

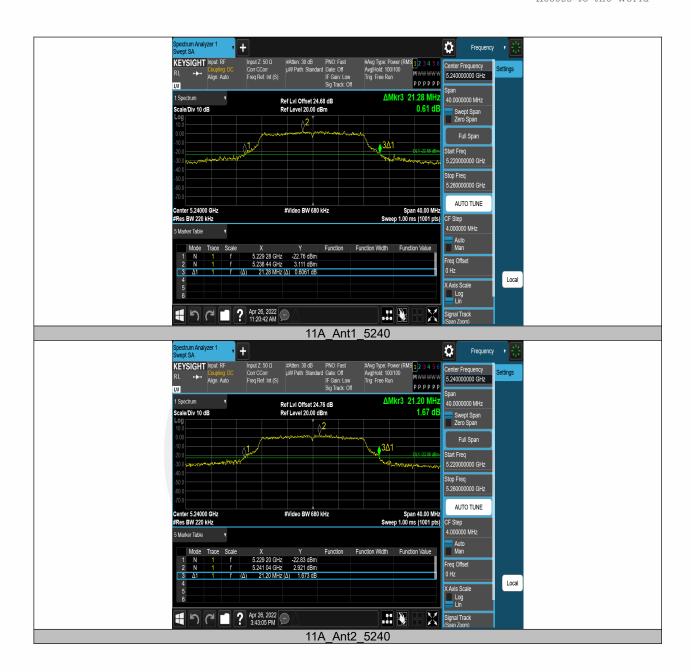




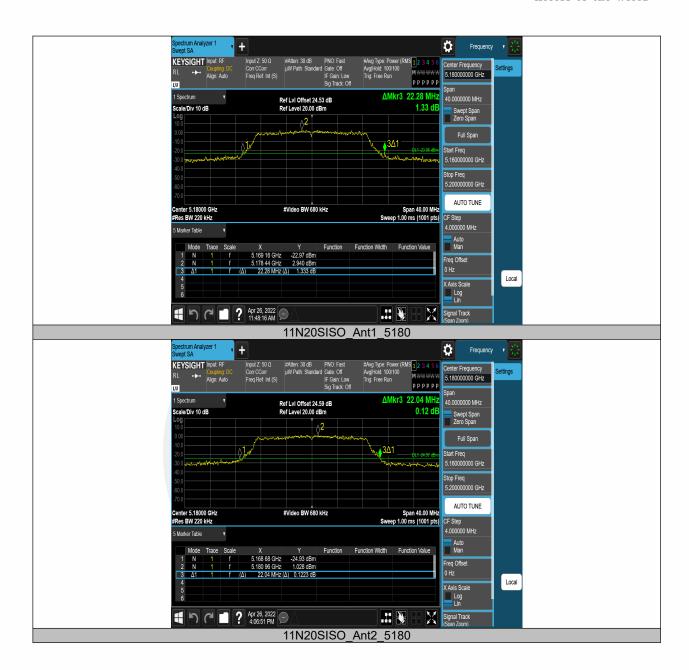




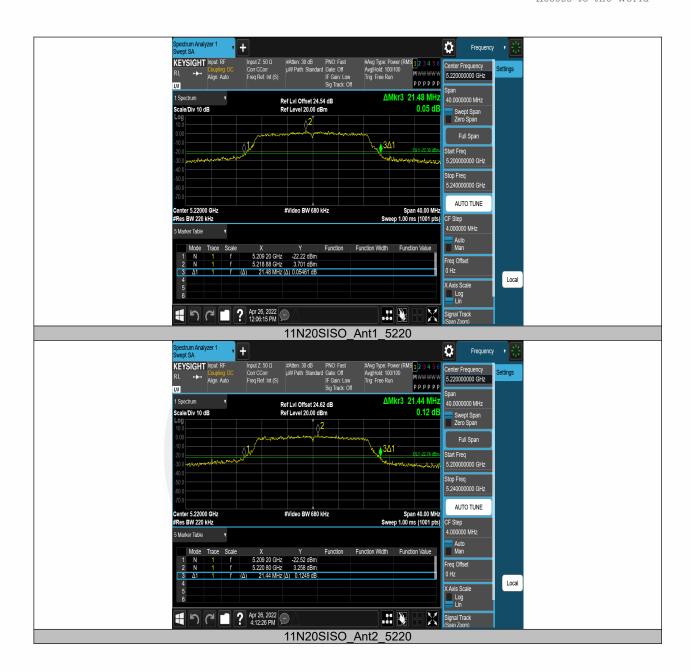




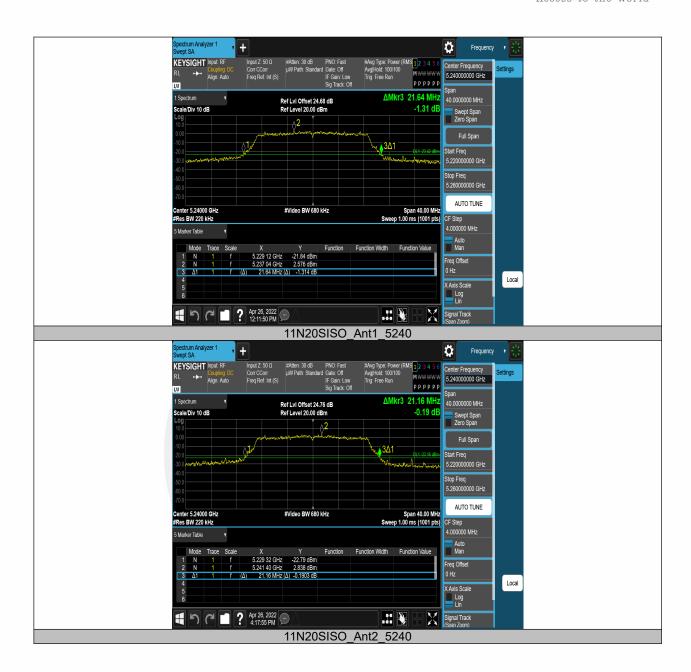




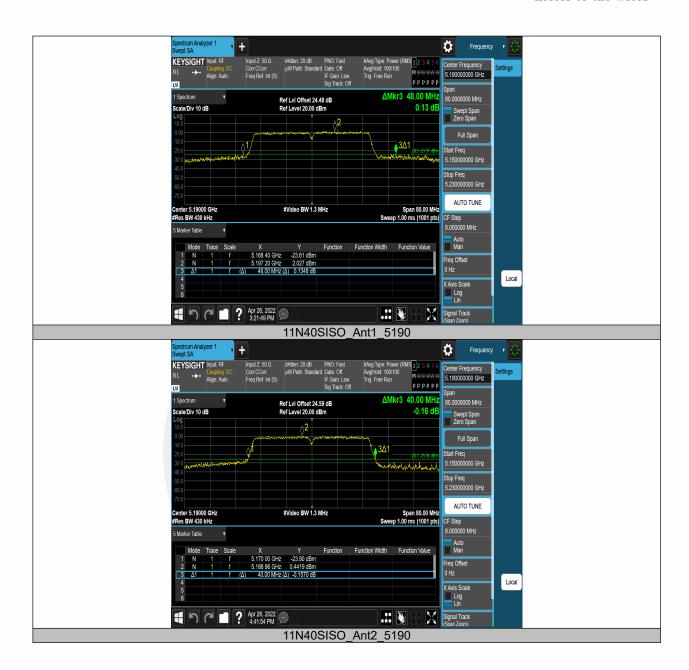




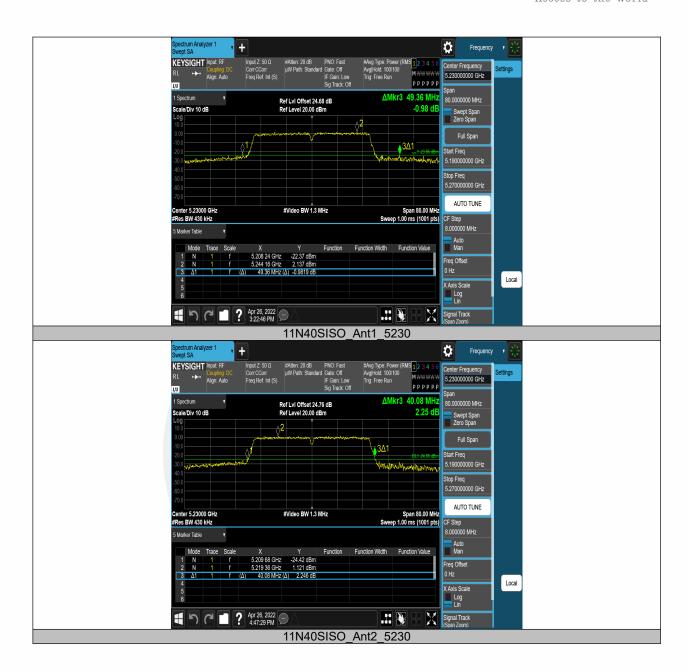




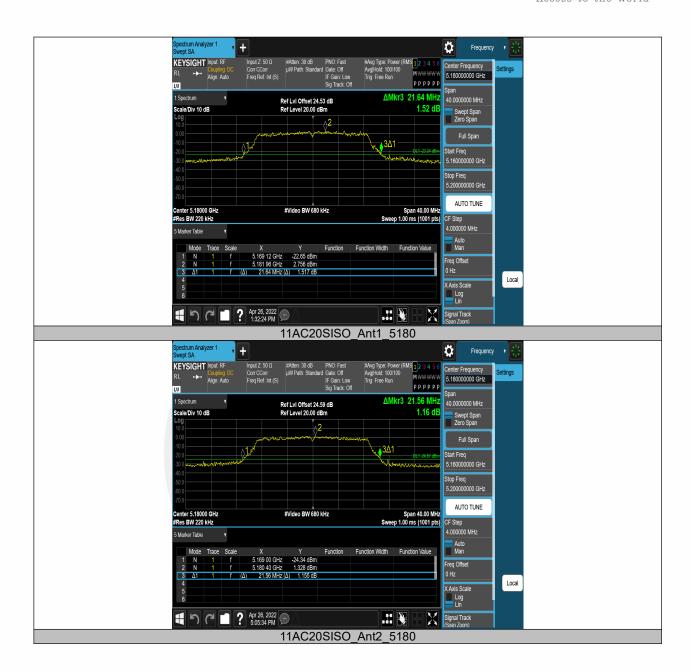




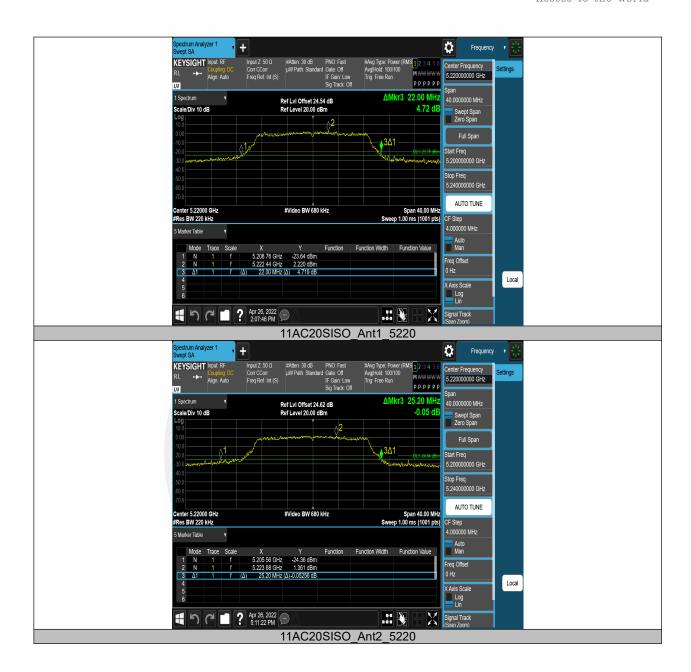




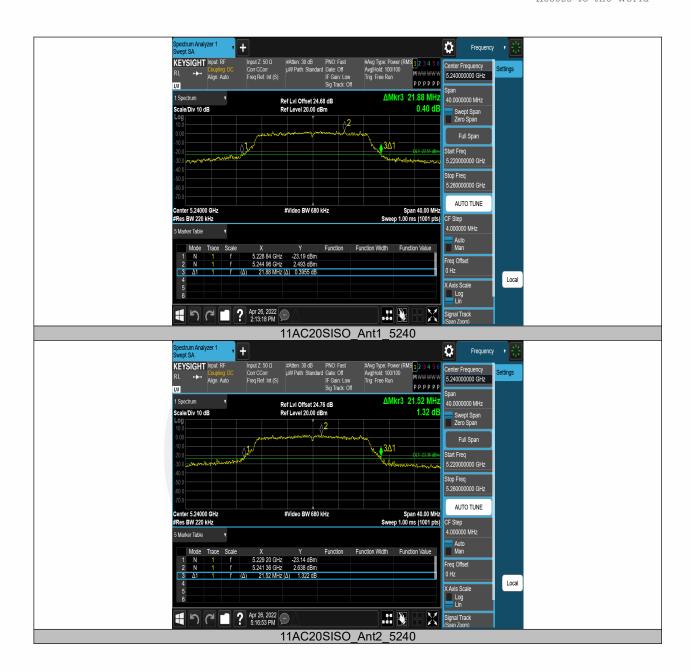




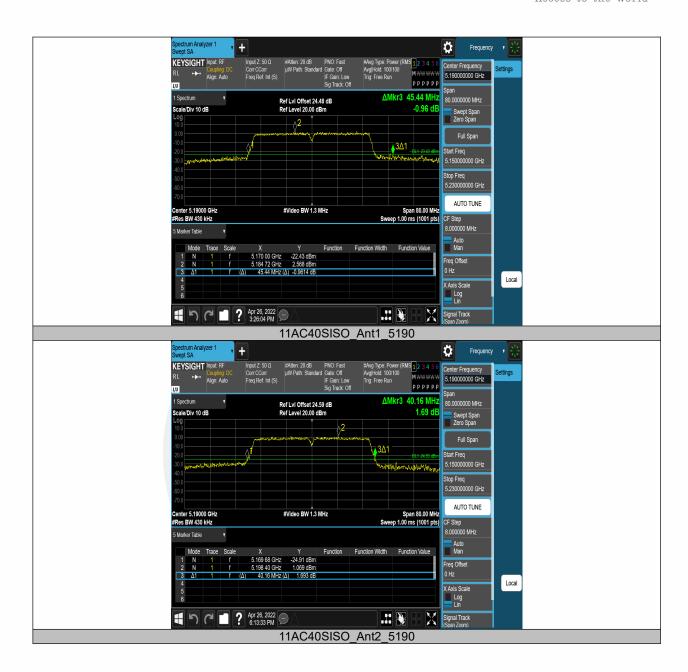




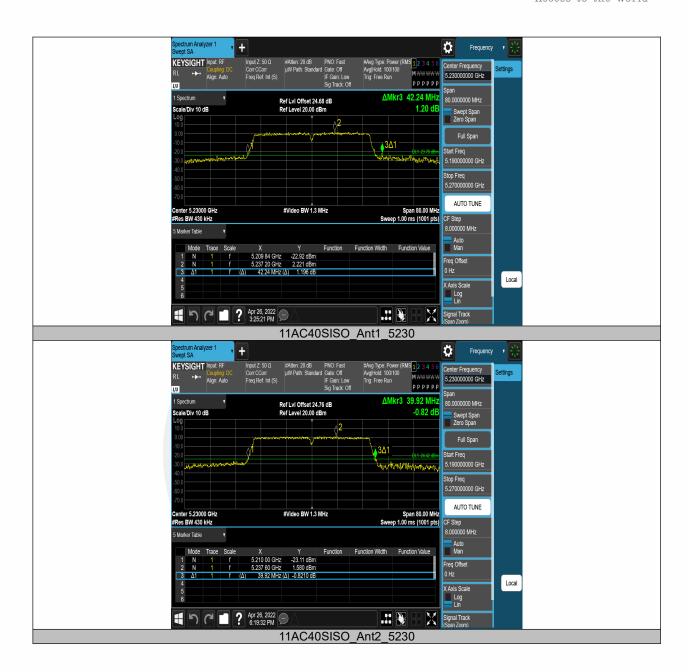




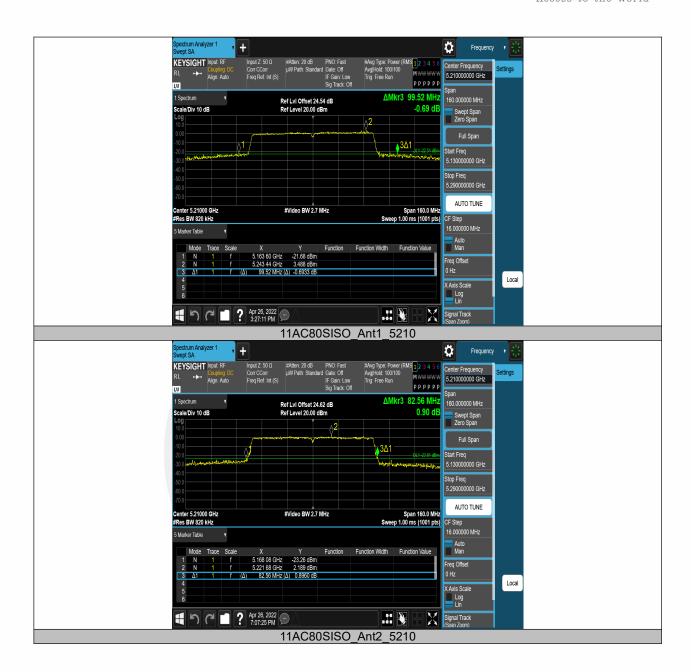














OCB (99%)

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	Ant1	5180	17.242	5171.364	5188.606		
	Ant2	5180	17.875	5170.888	5188.763		
	Ant1	5220	17.349	5211.285	5228.634		
	Ant2	5220	17.228	5211.303	5228.531		
	Ant1	5240	17.211	5231.311	5248.522		
11A	Ant2	5240	17.204	5231.294	5248.498		
HA	Ant1	5745	17.342	5736.274	5753.616		
	Ant2	5745	17.476	5736.294	5753.770		
	Ant1	5785	17.488	5776.183	5793.671		
	Ant2	5785	17.387	5776.282	5793.669		
	Ant1	5825	17.659	5816.218	5833.877		
	Ant2	5825	17.451	5816.216	5833.667		
	Ant1	5180	18.206	5170.875	5189.081		
	Ant2	5180	18.230	5170.811	5189.041		
	Ant1	5220	18.243	5210.808	5229.051		
	Ant2	5220	18.236	5210.789	5229.025		
	Ant1	5240	18.257	5230.845	5249.102		
4411000100	Ant2	5240	18.256	5230.811	5249.067		
11N20SISO	Ant1	5745	18.378	5735.741	5754.119		
	Ant2	5745	18.434	5735.768	5754.202		
	Ant1	5785	18.431	5775.753	5794.184		
	Ant2	5785	18.357	5775.812	5794.169		
	Ant1	5825	18.600	5815.769	5834.369		
	Ant2	5825	18.433	5815.724	5834.157		
	Ant1	5190	36.644	5171.716	5208.360		
	Ant2	5190	36.700	5171.549	5208.249		
	Ant1	5230	36.592	5211.744	5248.336		
	Ant2	5230	36.631	5211.572	5248.203		
11N40SISO	Ant1	5755	36.966	5736.333	5773.299		
	Ant2	5755	36.963	5736.512	5773.475		
	Ant1	5795	37.211	5776.362	5813.573		
	Ant2	5795	36.910	5776.555	5813.465		
	Ant1	5180	18.218	5170.830	5189.048		
	Ant2	5180	18.230	5170.830	5189.048		
	Ant1	5220	18.307	5210.806	5229.113		
	Ant2	5220	18.259	5210.798	5229.057		
	Ant1	5240	18.281	5230.773	5249.054		
11AC20SISO	Ant2	5240	18.215	5230.799	5249.014		
	Ant1	5745	18.408	5735.752	5754.160		
	Ant2	5745	18.358	5735.786	5754.144		
	Ant1	5785	18.402	5775.762	5794.164		
	Ant2	5785	18.403	5775.724	5794.127		
	Ant1	5825	18.645	5815.732	5834.377		
	Ant2	5825	18.426	5815.718	5834.144		
	Ant1	5190	36.655	5171.666	5208.321		
	Ant2	5190	36.680	5171.560	5208.240		
	Ant1	5230	36.635	5211.654	5248.289		
11AC40SISO	Ant2	5230	36.617	5211.583	5248.200		
100100	Ant1	5755	36.883	5736.485	5773.368		
	Ant2	5755	36.996	5736.509	5773.505		
	Ant1	5795	37.089	5776.332	5813.421		
	Ant2	5795	36.822	5776.512	5813.334		



44.4.0000100	Ant1	5210	76.653	5171.753	5248.406	
	Ant2	5210	76.400	5171.662	5248.062	
11AC80SISO	Ant1	5775	76.835	5736.394	5813.229	
	Ant2	5775	77.080	5736.414	5813.494	













