



Test Report No:  
23A0721R-RFUSV03S-A

## TEST REPORT FCC Rules&Regulations

Product Name	DOCSIS Gateway
Brand Name	ARRIS
Model No.	G20
FCC ID	UIDG20
Applicant's Name / Address	ARRIS 3871 Lakefield Drive Suite 300 SUWANEE Georgia United States 30024
Manufacturer's Name / Address	ARRIS 3871 Lakefield Drive Suite 300 SUWANEE Georgia United States 30024
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart E Section 15.407 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	<i>Hailey Peng</i> Hailey Peng
Approved By	<i>Rueyyan Lin</i> Rueyyan Lin
Date of Receipt	Oct. 27, 2023
Date of Issue	Dec. 18, 2023
Report Version	V1.0

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## Competences and Guarantees

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DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

## General Conditions

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1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Dec. 18, 2023

## Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	AC Power Line Conducted Emission	PASS	-
4	Emission Bandwidth	PASS	-
5	Maximum Conducted Output Power	PASS	-
6	Maximum Power Spectral Density	PASS	-
7	Transmitter Radiated Spurious Emission	PASS	-

### Comments and Explanations

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

## Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

## 1. General Information

### 1.1. EUT Description

Frequency Range	5150 ~ 5250 MHz 5250 ~ 5350 MHz 5470 ~ 5725 MHz 5725 ~ 5850 MHz	
Operating Frequency / Channel Number	IEEE 802.11a IEEE 802.11n/ac/ax (20 MHz)	5180 ~ 5240 MHz / 4 Channels 5260 ~ 5320 MHz / 4 Channels 5500 ~ 5720 MHz / 12 Channels 5745 ~ 5825 MHz / 5 Channels
	IEEE 802.11n/ac/ax (40 MHz)	5190 ~ 5230 MHz / 2 Channels 5270 ~ 5310 MHz / 2 Channels 5510 ~ 5710 MHz / 6 Channels 5755 ~ 5795 MHz / 2 Channels
	IEEE 802.11ac/ax (80 MHz)	5210 MHz / 1 Channel 5290 MHz / 1 Channel 5530 ~ 5690 MHz / 3 Channels 5775 MHz / 1 Channel
	IEEE 802.11ac/ax (160 MHz)	5250 MHz / 1 Channel 5570 MHz / 1 Channel
Type of Modulation	IEEE 802.11a/n	OFDM-BPSK, QPSK, 16QAM, 64QAM
	IEEE 802.11ac	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM
	IEEE 802.11ax	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Chip	Manufacturer	MaxLinear
	Model No.	WAV654A1MC

Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Rating
1	Adapter 1	FRECOM	F24L15-120200SPAU	INPUT: 100-240V, 50/60Hz, 0.6A OUTPUT: 12.0V, 2.0A, 24.0W
2	Adapter 2	MOSO®	MS-V2000R120-024Q0-US	INPUT: 100-240V, 50/60Hz, 0.7A max. OUTPUT: 12.0V, 2.0A

Antenna Information					
Ant.	Brand Name	Model No.	Type	Antenna Gain (dBi)	Beamforming Gain (dBi)
1	Wanshih	S21WFI0072A	PIFA	2.45	0
2	Wanshih	S21WFI0073A	PIFA	3.13	

#### For IEEE 802.11a/n/ac/ax Mode: (2TX, 2RX)

Both Ant. 1 and Ant. 2 can be used as transmitting/receiving antennas, and they can transmit/receive signal simultaneously.

## 1.2. EUT Information

EUT Power Type	From Adapter			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
TPC Function	<input checked="" type="checkbox"/>	With TPC Function	<input type="checkbox"/>	Without TPC Function
Weather Band (5600 ~ 5650 MHz)	<input checked="" type="checkbox"/>	With 5600 ~ 5650 MHz	<input type="checkbox"/>	Without 5600 ~ 5650 MHz
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
Resource Unit of 802.11ax	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Product Type	<input type="checkbox"/>	Outdoor AP	<input checked="" type="checkbox"/>	Indoor AP
	<input type="checkbox"/>	Fixed P2P AP	<input type="checkbox"/>	Client

## 1.3. Applicable Standards

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

- ◆ 47 CFR FCC Part 15
- ◆ ANSI C63.10-2013
- ◆ KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 412172 D01 v01r01
- ◆ KDB 414788 D01 v01r01

## 1.4. Testing Location Information

Testing Location Information		
Test Laboratory : DEKRA Testing and Certification Co., Ltd.		
1 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001      FAX: +886-3-582-8958	
2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001      FAX: +886-3-582-8958	
Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
AC Conduction Emission	HC-SR02	Igor Tseng	20.5~21.5 / 53~56	2023/12/05
RF Conducted Emission	HC-SR12	Scott Chang	21.1~21.5 / 53~56	2023/12/04~2023/12/05
Radiated Emission	HC-CB04	Cyril Chen Ling Chen	23~25 / 63~65	2023/11/29~2023/12/08



## 1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Test Item	Uncertainty
AC Power Line Conducted Emission	$\pm 2.34$ dB
Emission Bandwidth	$\pm 636.54$ Hz
Maximum Conducted Output Power	$\pm 1.16$ dB
Maximum Power Spectral Density	$\pm 2.47$ dB
Transmitter Radiated Spurious Emission	$\pm 3.52$ dB below 1 GHz $\pm 3.56$ dB above 1 GHz

## 1.6. List of Test Equipment

### HC-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2022/12/19	2023/12/18
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2023/09/19	2024/09/18
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2023/06/02	2024/06/01
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz-2500 MHz	2023/08/04	2024/08/03
EMI Testing System	AUDIX	e3 210616 dekra V9	HC-SR02	N/A	N/A	N/A

### HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2023/07/03	2024/07/02

### HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2023/05/29	2024/05/28
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2023/06/13	2024/06/12
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2023/11/09	2024/11/08
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2023/02/13	2024/02/12
Pre-Amplifier	EMCI	EMC01820I	980364	30M-8 GHz,20 dB	2023/06/06	2024/06/05
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2023/07/24	2024/07/23
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
EMI Test Receiver	R&S	ESR7	102260	10 Hz-7 GHz	2023/11/27	2024/11/26
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2023/10/13	2024/10/12
Coaxial Cable(11m)	Suhner	SF102_SF104	HC-CB04	30M-18 GHz	2023/08/08	2024/08/07
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB04-1	18G-40 GHz	2023/08/14	2024/08/13
Radiated Software	AUDIX	e3 V9	HC-CB04_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

## 2. Test Configuration of EUT

### 2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 120V/60Hz

### 2.2. Test Frequency Mode

Test Software Version	DUT GUI v610.59
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<Non-beamforming function>

Modulation	Frequency (MHz)	Power Setting
802.11a	5180	21
	5220	21
	5240	19
	5260	20
	5300	20
	5320	19
	5500	20
	5580	20
	5700	21
	5720	19
	5745	20
	5785	20
	5825	20
802.11ax (20 MHz)	5180	21
	5220	21
	5240	21
	5260	19
	5300	20
	5320	20
	5500	19
	5580	20
	5700	17
	5720	19
	5745	20
	5785	20
	5825	20

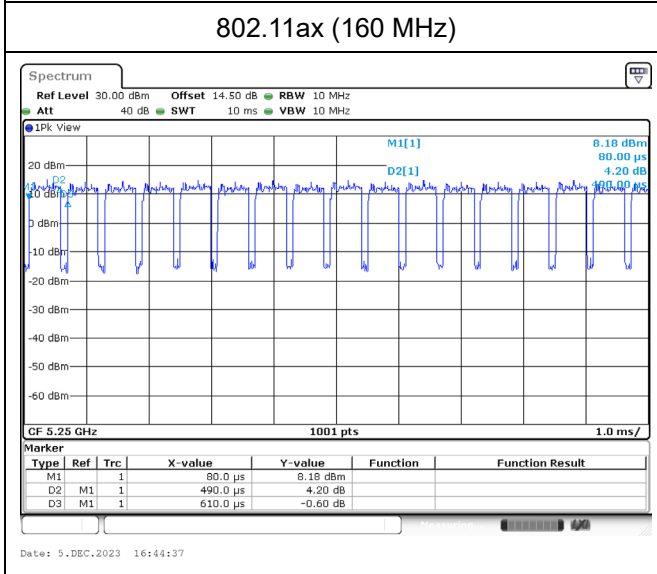
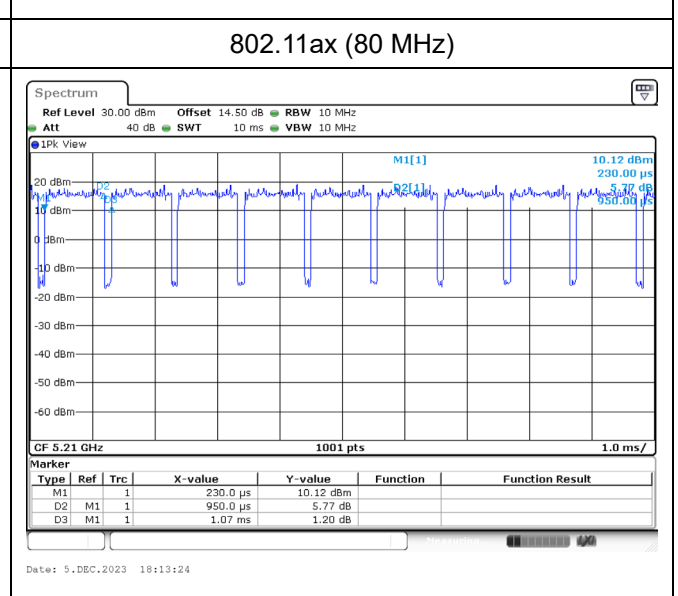
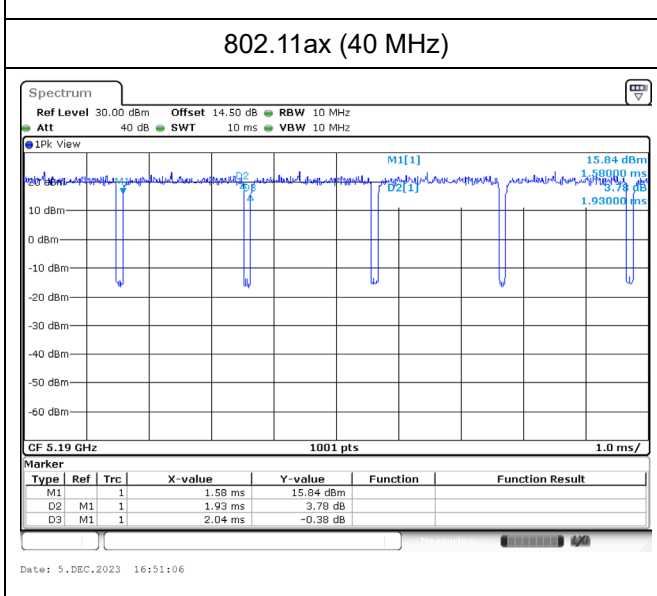
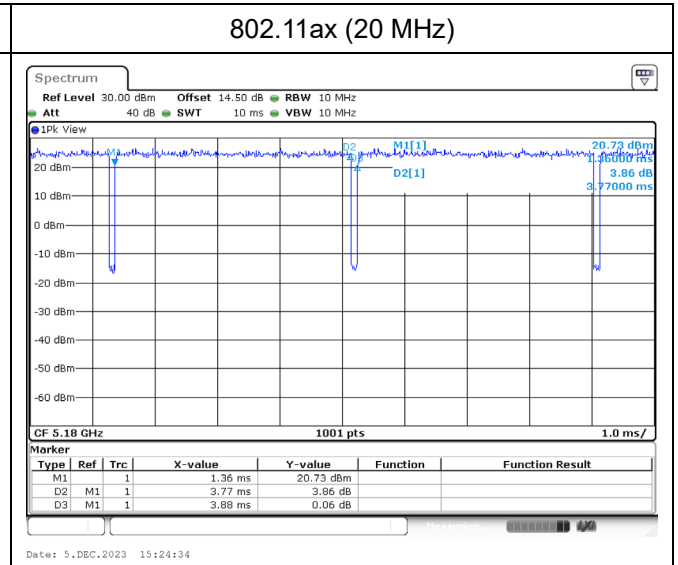
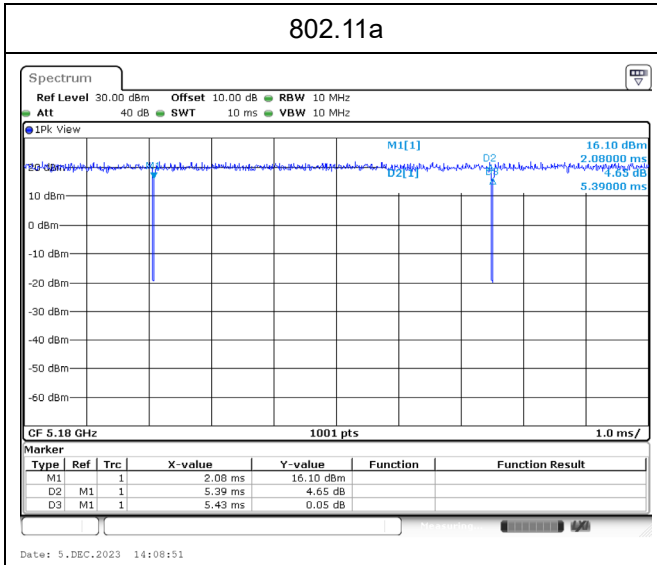
Modulation	Frequency (MHz)	Power Setting
802.11ax (40 MHz)	5190	19
	5230	21
	5270	20
	5310	17
	5510	18
	5550	20
	5670	20
	5710	21
	5755	21
	5795	21
802.11ax (80 MHz)	5210	17
	5290	17
	5530	17
	5610	20
	5690	21
	5755	20
802.11ax (160 MHz)	5250	17
	5570	17

## &lt;Beamforming function&gt;

Modulation	Frequency (MHz)	Power Setting
802.11ax (20 MHz)	5180	21
	5220	21
	5240	21
	5260	19
	5300	20
	5320	20
	5500	19
	5580	20
	5700	17
	5720	19
	5745	20
	5785	20
	5825	20
802.11ax (40 MHz)	5190	19
	5230	21
	5270	20
	5310	17
	5510	18
	5550	20
	5670	20
	5710	21
	5755	21
	5795	21
802.11ax (80 MHz)	5210	17
	5290	17
	5530	17
	5610	20
	5690	21
	5755	20
802.11ax (160 MHz)	5250	17
	5570	17

### 2.3. Duty Cycle

Modulation	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11a	5.390	5.430	99.26	0.032	0.010
802.11ax (20 MHz)	3.770	3.880	97.16	0.125	0.265
802.11ax (40 MHz)	1.930	2.040	94.61	0.241	0.518
802.11ax (80 MHz)	0.950	1.070	88.79	0.517	1.053
802.11ax (160 MHz)	0.490	0.610	80.33	0.95	2.041



## 2.4. The Worst Case Measurement Configuration

Tests Item	AC Power Line Conducted Emission
Test Condition	AC power line conducted measurement for line and neutral
Operating Mode	Transmit
1	EUT + Adapter 1
2	EUT + Adapter 2
Mode 1 is the worst case and it was record in this test report.	

Tests Item	Emission Bandwidth Maximum Conducted Output Power Maximum Power Spectral Density
Test Condition	Conducted measurement at transmit chains

Tests Item	Transmitter Radiated Spurious Emission
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Transmit
1	EUT + Adapter 1
2	EUT + Adapter 2
Mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	Transmit

Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Transmit
1	WiFi 2.4 GHz + WiFi 5 GHz
Refer to Appendix F for Radiated Emission Co-location.	

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	WiFi 2.4 GHz + WiFi 5 GHz
Refer to DEKRA Test Report No.: 23A0721R-RFUSV17S-A for Co-location RF Exposure Evaluation.	

### Note:

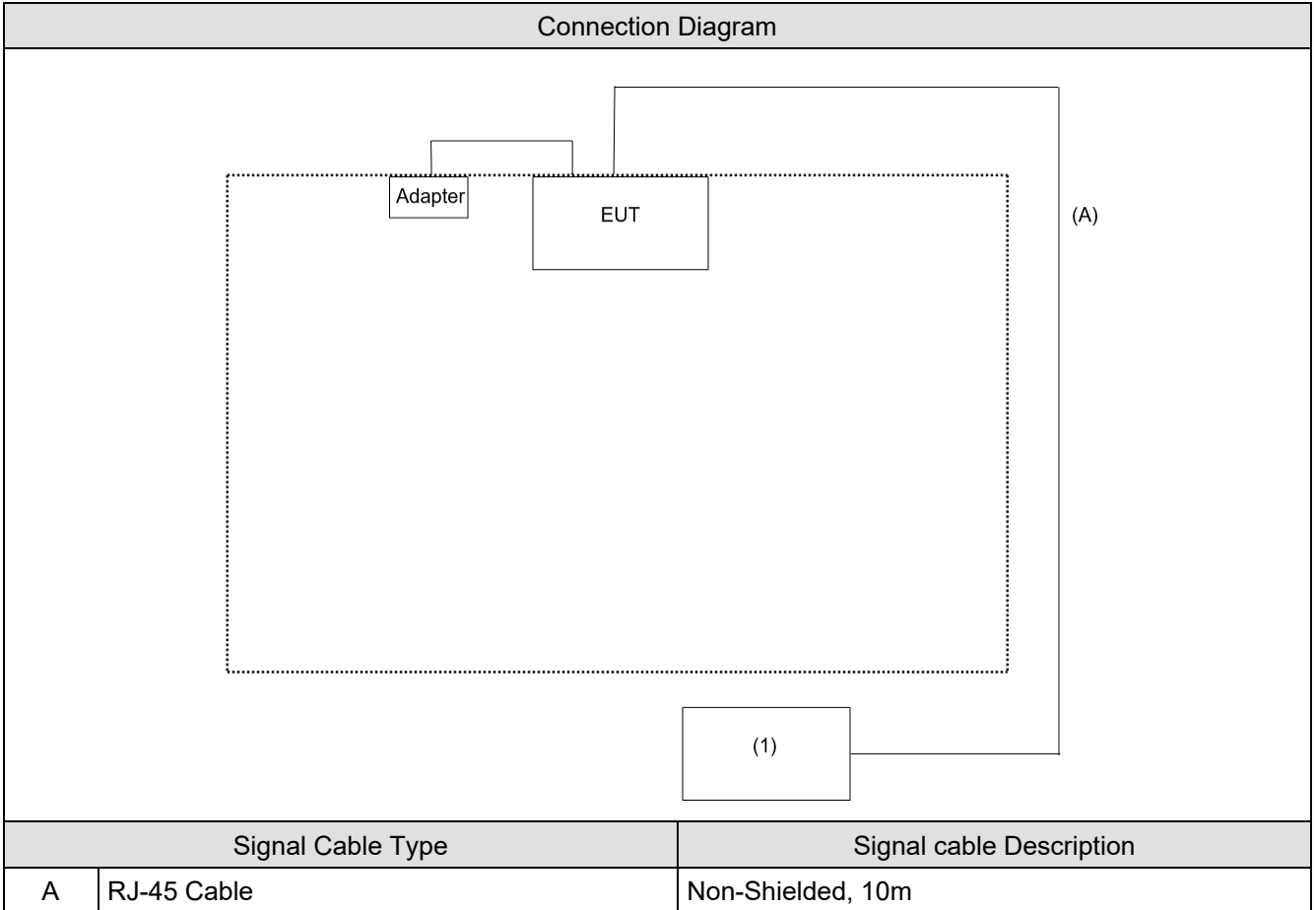
1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated spurious emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.
3. The modulation and bandwidth are similar for 802.11n mode for HT20/HT40, 802.11ac mode for VHT20/VHT40/VHT80/VHT160 and 802.11ax mode for HEW20/HEW40/HEW80/HEW160, therefore investigated worst case to representative mode in test report.
4. The EUT was performed at X axis, Y axis and Z axis position for transmitter radiated spurious emission test. The worst case was found at Y axis, so the measurement will follow this same test configuration.



### 2.5. Tested System Details

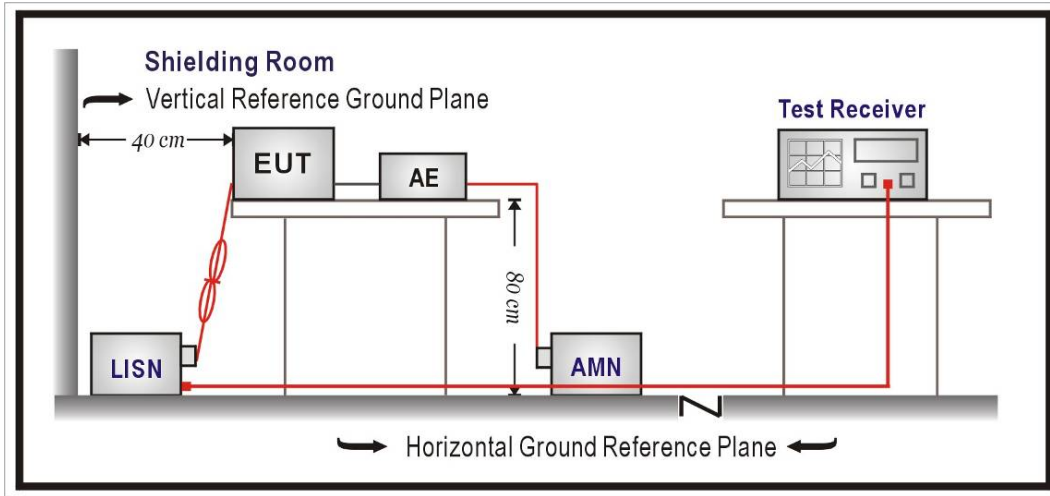
No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	Lenovo	Lenovo Ideapad 110 15IBR	PF01EUZD

### 2.6. Configuration of tested System



### 3. AC Power Line Conducted Emission

#### 3.1. Test Setup



#### 3.2. Test Limit

Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remark: In the above table, the tighter limit applies at the band edges.

#### 3.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

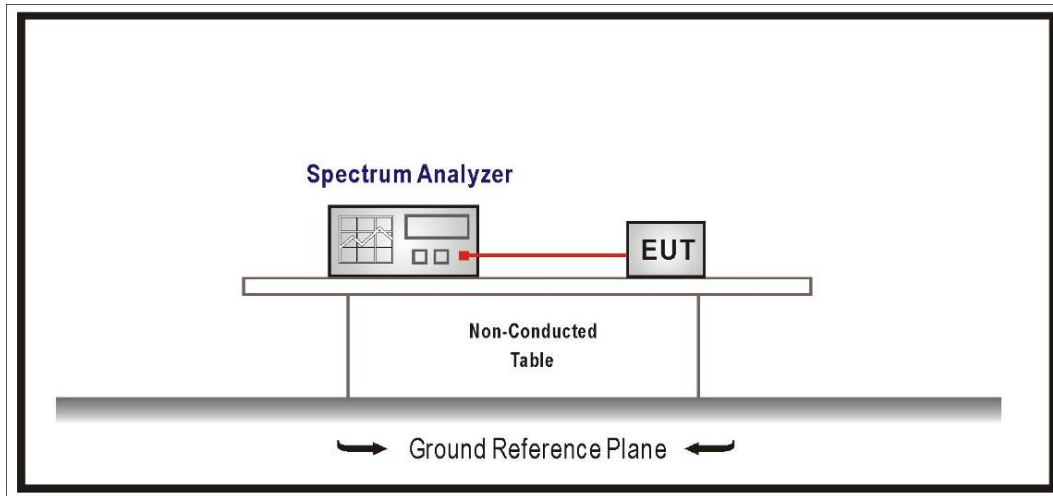
Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

#### 3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

## 4. Emission Bandwidth

### 4.1. Test Setup



### 4.2. Test Limit

99% & 26dB Bandwidth : No Required

6dB Bandwidth  $\geq$  500kHz

### 4.3. Test Procedure

99% & 26dB Bandwidth :

The EUT was tested according to U-NII test procedure of KDB 789033.

Set RBW 1% of the emission bandwidth, VBW equal to 3 times the RBW.

DTS Bandwidth :

Set RBW = 100kHz, VBW  $\geq$  3xRBW, Sweep time=Auto, Set Peak detector.

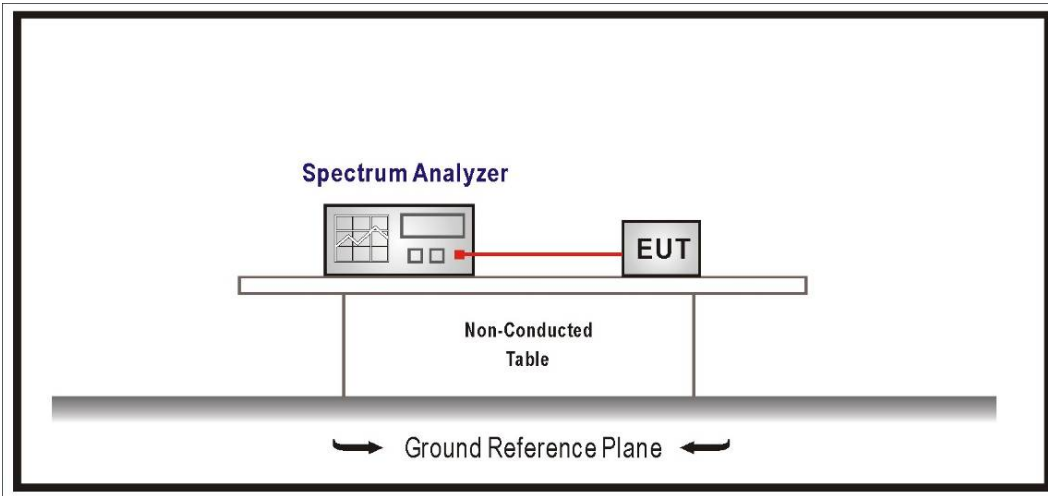
### 4.4. Test Result of Emission Bandwidth

Refer as Appendix B

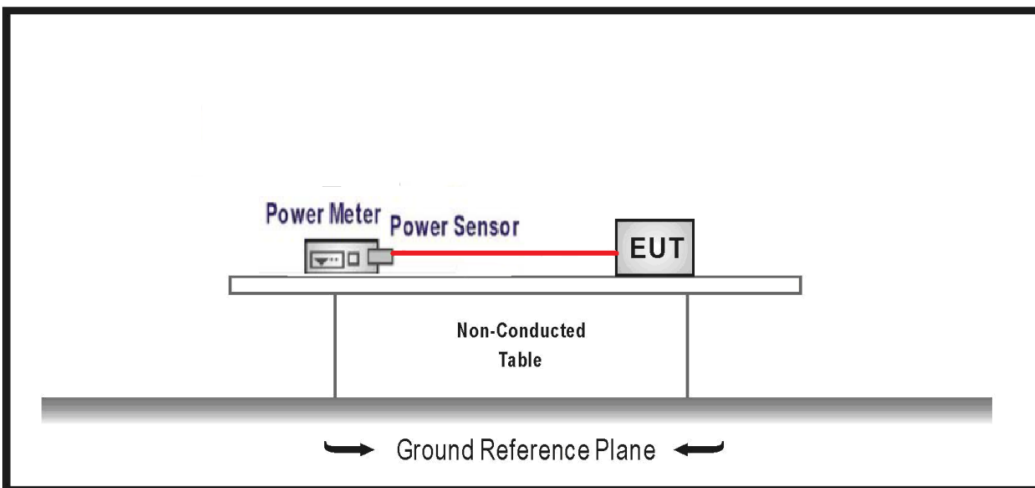
## 5. Maximum Conducted Output Power

### 5.1. Test Setup

For straddle channels:



For othes channels:



## 5.2. Test Limit

1. For an outdoor access point and an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. 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. For 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. 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  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. 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 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. 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.
4. For the band 5.850–5.895 GHz:  
For an indoor access point, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.  
For client devices, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725–5.850 GHz and 5.850–5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.  
For a subordinate device, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.

## 5.3. Test Procedure

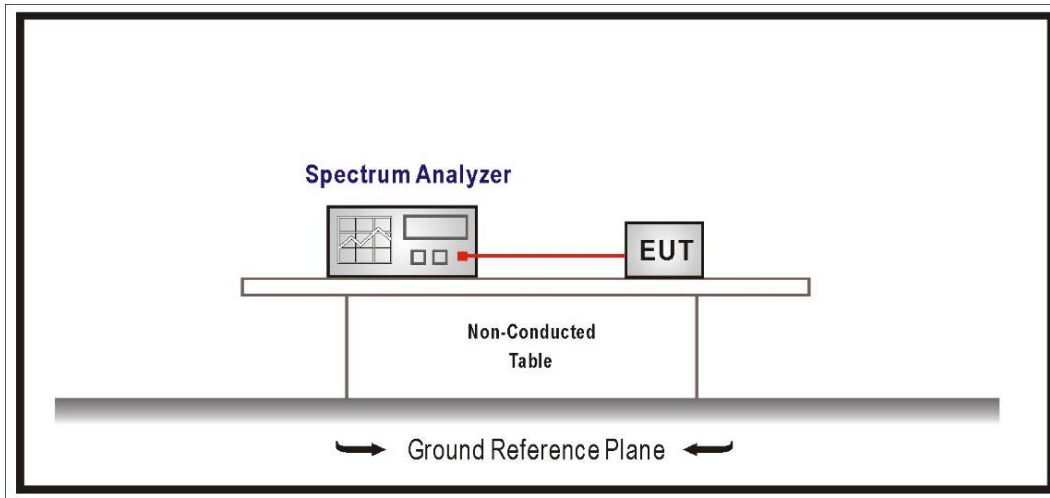
The EUT was setup to ANSI C63.10: 2013; tested according to U-NII test procedure of KDB 789033.

## 5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

## 6. Maximum Power Spectral Density

### 6.1. Test Setup



### 6.2. Test Limit

1. For the band 5.15 ~ 5.25 GHz, the peak power spectral density shall not exceed 17 dBm in any 1 MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
2. For client devices in the 5.15 ~ 5.25 GHz band, 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 5.25 ~ 5.35 GHz ,5470 ~ 5600 MHz and 5650 ~ 5725 MHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
4. For the band 5.725 ~ 5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
5. The frequency band 5.850 ~ 5.895 GHz:  
For an indoor access point operating in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p. in any 1–megahertz band.  
For client devices operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band.  
For a subordinate device operating under the control of an indoor access point in the 5.850–5.895 GHz band, the maximum power spectral density must not exceed 20 dBm e.i.r.p in any 1–megahertz band.

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### **6.3. Test Procedure**

The EUT was setup to ANSI C63.10: 2013; tested to U-NII test procedure of KDB 789033.

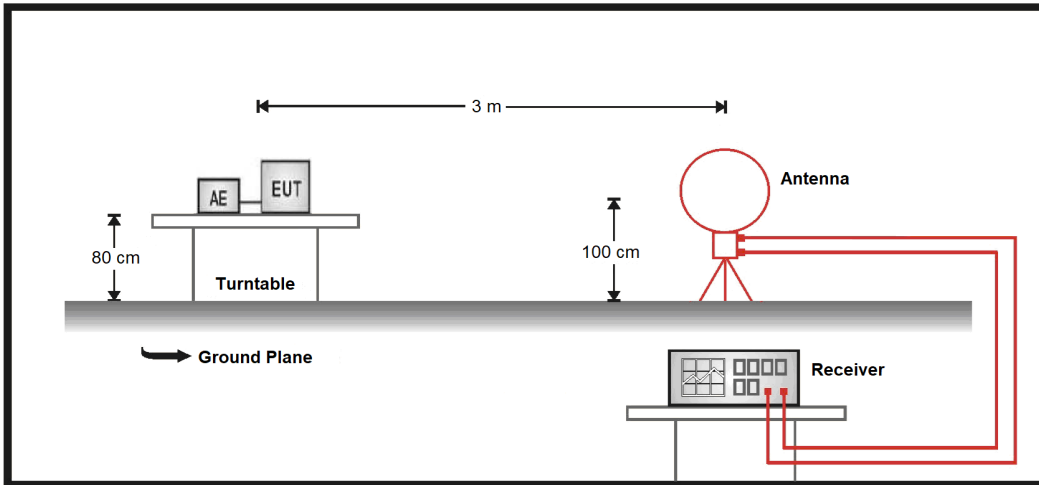
### **6.4. Test Result of Maximum Power Spectral Density**

Refer as Appendix D

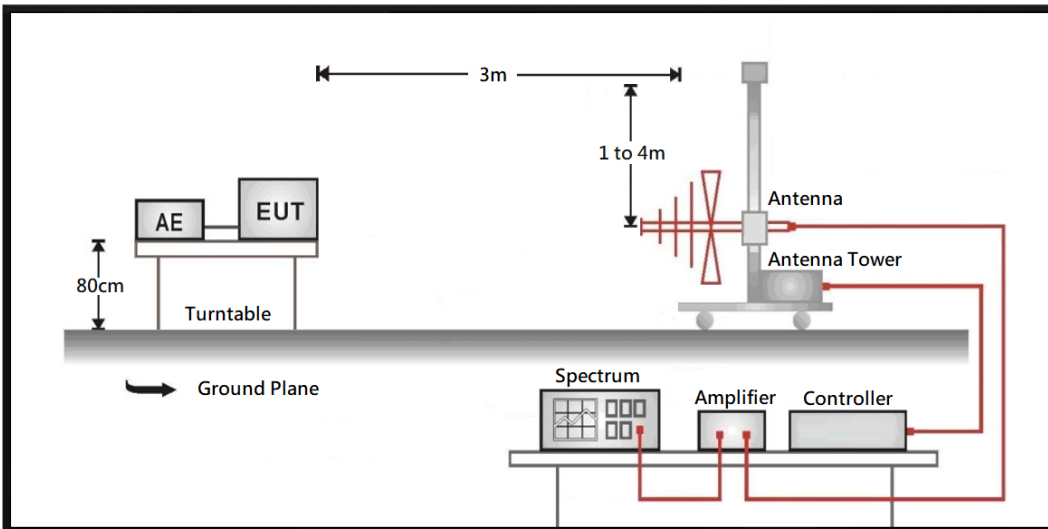
## 7. Transmitter Radiated Spurious Emission

### 7.1. Test Setup

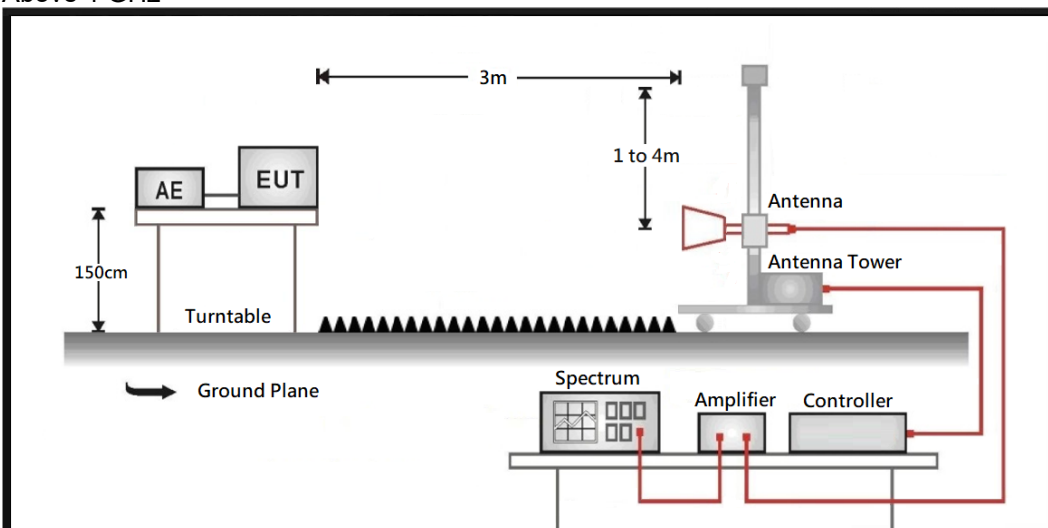
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz





## 7.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

### Unwanted Emission out of the restricted bands Test Limit

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength (dBuV/m@3m)
5150 – 5250	-27	68.2
5250 – 5350	-27	68.2
5470 – 5725	-27	68.2
5725 – 5850	-27 <sup>*1</sup>	68.2 <sup>*1</sup>
	10 <sup>*2</sup>	105.2 <sup>*2</sup>
	15.6 <sup>*3</sup>	110.8 <sup>*3</sup>
	27 <sup>*4</sup>	122.2 <sup>*4</sup>
5850 – 5895	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.	
<sup>*1</sup> beyond 75 MHz or more above of the band edge. <sup>*2</sup> below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. <sup>*3</sup> below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. <sup>*4</sup> from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

Remark:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts).}$$

### 7.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The additional latch filter below 1 GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

The bandwidth below 1 GHz setting on the field strength meter is 120 kHz, above 1 GHz are 1 MHz.

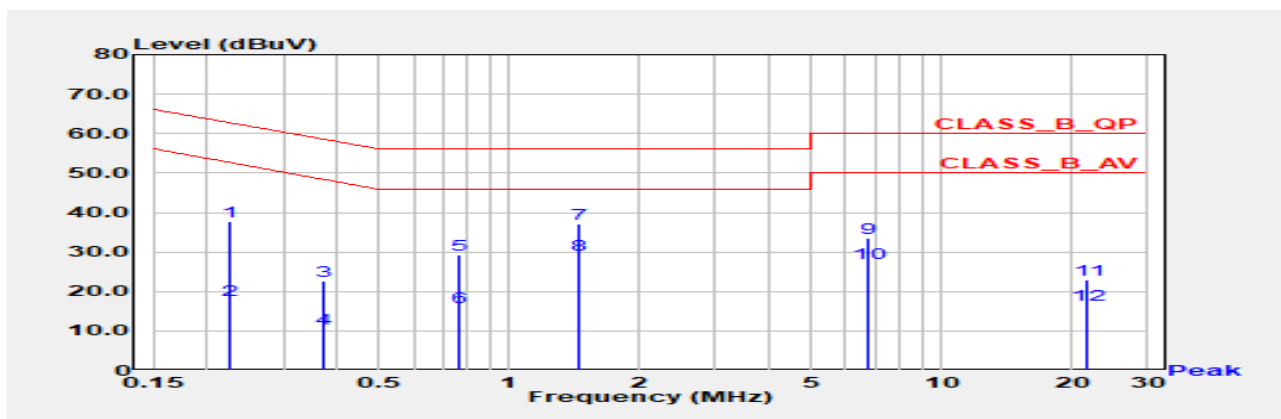
The frequency range from 9 kHz to 10th harmonics and included The frequency range from the lowest oscillator frequency generated within the device up to the 10th harmonic was checked is checked.

### 7.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix E

## Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode	Mode 1: EUT + Adapter 1	Phase	Line
Test Condition	802.11a / Ant. 1 + Ant. 2 / 5700 MHz		

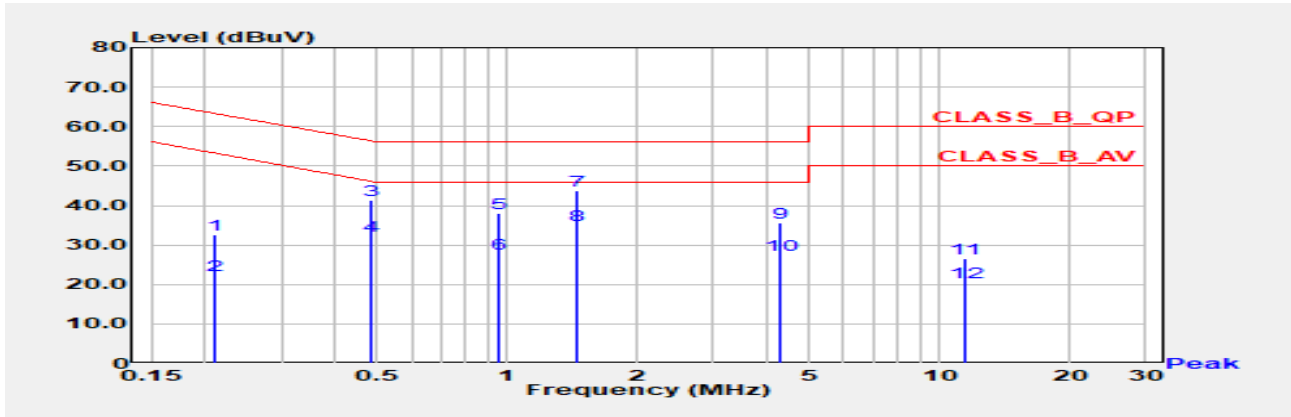


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.226	37.67	62.58	-24.90	28.06	9.62	QP
2	0.226	17.76	52.58	-34.82	8.14	9.62	AV
3	0.370	22.56	58.49	-35.93	12.93	9.64	QP
4	0.370	10.47	48.49	-38.02	0.83	9.64	AV
5	0.764	29.34	56.00	-26.66	19.66	9.68	QP
6	0.764	16.04	46.00	-29.96	6.37	9.68	AV
7	1.441	37.18	56.00	-18.82	27.46	9.72	QP
*8	1.441	29.31	46.00	-16.69	19.59	9.72	AV
9	6.724	33.63	60.00	-26.37	23.67	9.96	QP
10	6.724	27.18	50.00	-22.82	17.22	9.96	AV
11	21.808	23.04	60.00	-36.96	12.65	10.39	QP
12	21.808	16.53	50.00	-33.47	6.14	10.39	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Test Mode	Mode 1: EUT + Adapter 1	Phase	Neutral
Test Condition	802.11a / Ant. 1 + Ant. 2 / 5700 MHz		



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.211	32.50	63.18	-30.67	22.89	9.62	QP
2	0.211	22.38	53.18	-30.79	12.77	9.62	AV
3	0.485	41.42	56.25	-14.83	31.78	9.64	QP
4	0.485	32.33	46.25	-13.92	22.69	9.64	AV
5	0.958	37.93	56.00	-18.07	28.24	9.70	QP
6	0.958	27.91	46.00	-18.09	18.21	9.70	AV
7	1.441	43.86	56.00	-12.14	34.14	9.72	QP
*8	1.441	35.08	46.00	-10.92	25.35	9.72	AV
9	4.276	35.58	56.00	-20.42	25.71	9.87	QP
10	4.276	27.48	46.00	-18.52	17.61	9.87	AV
11	11.391	26.46	60.00	-33.54	16.28	10.18	QP
12	11.391	20.61	50.00	-29.39	10.43	10.18	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

## Appendix B. Test Result of Emission Bandwidth

Modulation	Frequency (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% & 26dB Bandwidth	
802.11a	5180	17.902	17.302	28.492	23.736	-	
	5220	18.501	17.862	29.051	27.892	-	
	5240	18.501	17.822	29.770	27.013	-	
	5260	19.220	17.862	31.528	27.053	-	
	5300	19.340	19.420	29.890	29.730	-	
	5320	17.222	18.061	23.656	25.534	-	
	5500	17.902	17.182	25.455	23.816	-	
	5580	18.741	17.902	33.247	29.171	-	
	5700	18.141	17.182	30.490	24.296	-	
	5720 (U-NII-2C)	14.031	13.712	18.507	19.826	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Bandwidth	DTS Bandwidth
802.11a	5720 (U-NII-3)	3.951	3.550	3.072	3.112	-	0.50
	5745	18.261	17.622	16.304	16.344	-	0.50
	5785	19.740	18.301	16.344	16.344	-	0.50
	5825	18.341	17.662	16.344	16.344	-	0.50

Modulation	Frequency (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% & 26dB Bandwidth	
802.11ax (20 MHz)	5180	19.540	19.580	26.014	25.574	-	
	5220	19.620	19.460	26.054	25.335	-	
	5240	19.700	19.500	26.374	25.375	-	
	5260	19.740	19.340	26.214	25.335	-	
	5300	19.660	19.380	26.254	24.775	-	
	5320	19.660	19.540	27.053	25.415	-	
	5500	19.780	19.380	26.014	25.854	-	
	5580	19.380	19.340	26.853	25.095	-	
	5700	19.820	19.460	25.415	25.654	-	
	5720 (U-NII-2C)	14.911	14.831	18.787	18.107	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Bandwidth	DTS Bandwidth
802.11ax (20 MHz)	5720 (U-NII-3)	4.869	4.669	4.430	4.390	-	0.50
	5745	19.980	19.540	18.981	18.941	-	0.50
	5785	19.980	19.660	18.941	18.981	-	0.50
	5825	19.860	19.540	18.941	18.941	-	0.50

Modulation	Frequency (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% & 26dB Bandwidth	
802.11ax (40 MHz)	5190	37.962	38.041	45.075	43.716	-	
	5230	38.021	38.201	46.034	44.436	-	
	5270	38.121	38.121	45.874	42.997	-	
	5310	38.041	38.041	45.315	44.515	-	
	5510	38.121	38.041	44.595	44.036	-	
	5550	38.201	38.041	49.471	44.436	-	
	5670	38.201	38.041	62.737	44.595	-	
	5710 (U-NII-2C)	34.501	34.101	55.000	40.895	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Bandwidth	DTS Bandwidth
802.11ax (40 MHz)	5710 (U-NII-3)	4.420	4.100	3.861	3.861	-	0.50
	5755	41.558	38.281	37.962	37.882	-	0.50
	5795	42.517	38.361	37.962	37.802	-	0.50

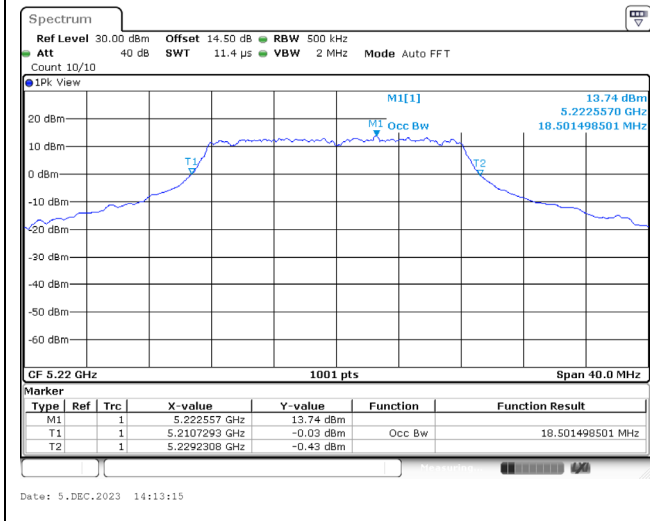
Modulation	Frequency (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% & 26dB Bandwidth	
802.11ax (80 MHz)	5210	77.842	77.522	85.670	83.440	-	
	5290	77.842	77.842	87.750	84.880	-	
	5530	77.522	77.522	85.510	84.400	-	
	5610	77.682	77.682	87.750	85.030	-	
	5690 (U-NII-2C)	74.321	73.841	111.244	88.227	-	
Modulation	Frequency (MHz)	99% Bandwidth (MHz)		DTS Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% Bandwidth	DTS Bandwidth
802.11ax (80 MHz)	5690 (U-NII-3)	4.000	3.841	3.519	3.519	-	0.50
	5755	78.321	77.842	77.520	77.520	-	0.50

Modulation	Frequency (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		Limit (MHz)	
		Ant. 1	Ant. 2	Ant. 1	Ant. 2	99% & 26dB Bandwidth	
802.11ax (160 MHz)	5250 (U-NII-1)	78.322	78.322	82.797	81.838	-	
	5250 (U-NII-2A)	78.641	78.321	85.673	81.202	-	
	5570	156.963	157.282	168.150	163.040	-	

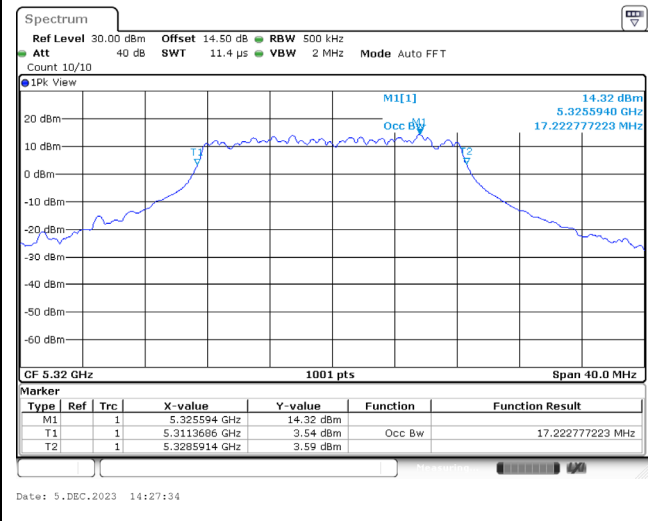
**For 99% Bandwidth:**

**Spectrum plot of worst value**

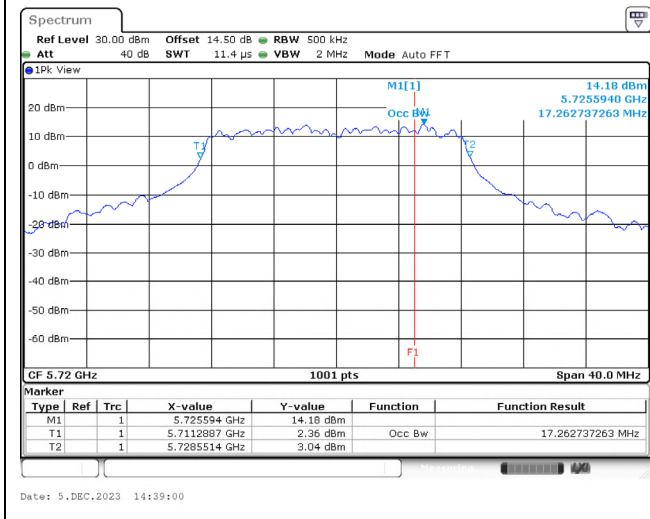
802.11a / Ant. 1 / 5220 MHz (U-NII-1)



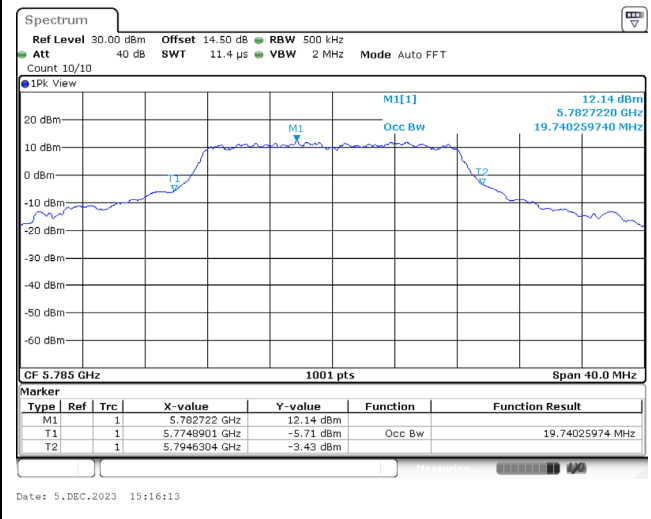
802.11a / Ant. 1 / 5320 MHz (U-NII-2A)



802.11a / Ant. 2 / 5720 MHz (U-NII-2C)

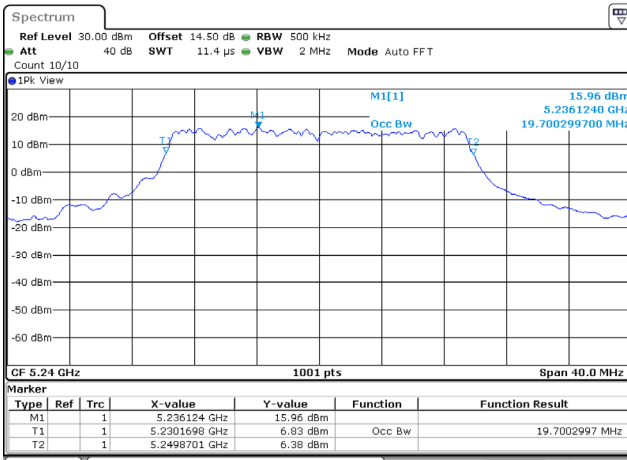


802.11a / Ant. 1 / 5785 MHz (U-NII-3)



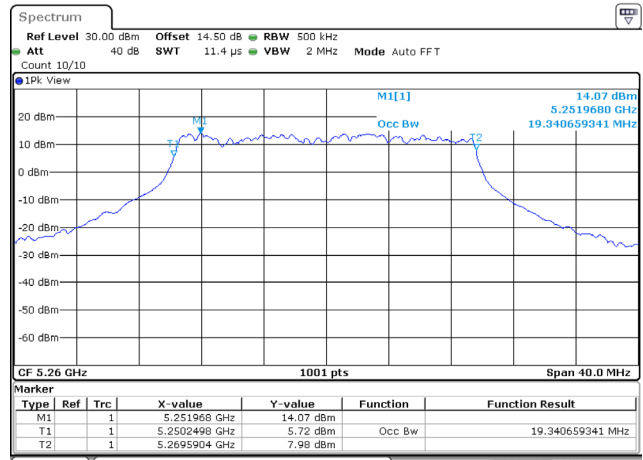
### Spectrum plot of worst value

802.11ax (20 MHz) / Ant. 1 / 5240 MHz (U-NII-1)



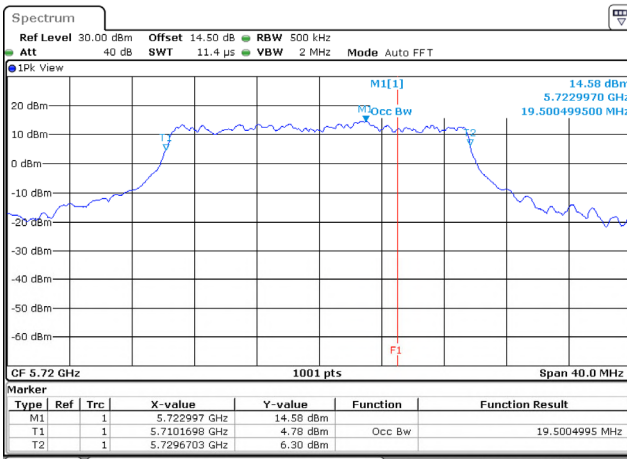
Date: 5.DEC.2023 15:30:31

802.11ax (20 MHz) / Ant. 2 / 5260 MHz (U-NII-2A)



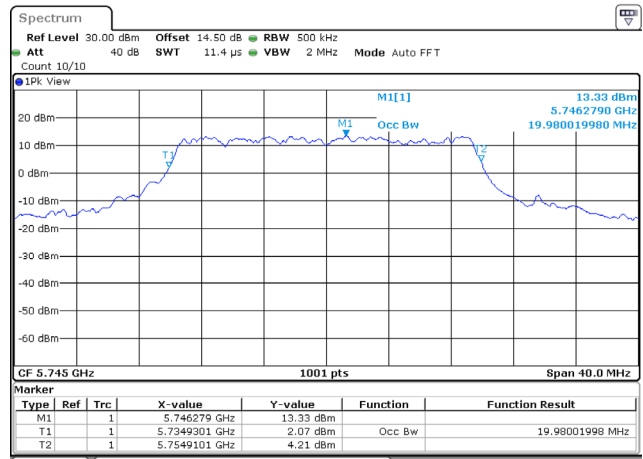
Date: 5.DEC.2023 15:34:28

802.11ax (20 MHz) / Ant. 2 / 5720 MHz (U-NII-2C)



Date: 5.DEC.2023 15:48:07

802.11ax (20 MHz) / Ant. 1 / 5745 MHz (U-NII-3)

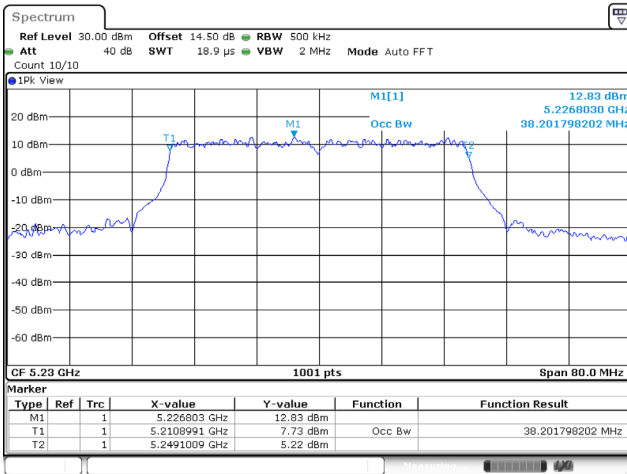


Date: 5.DEC.2023 16:05:24



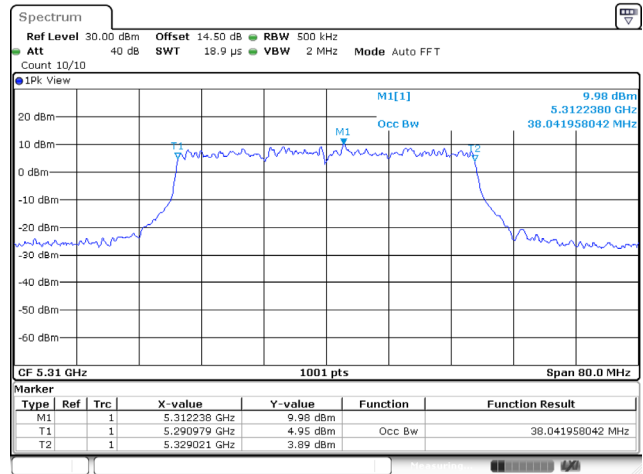
### Spectrum plot of worst value

802.11ax (40 MHz) / Ant. 2 / 5230 MHz (U-NII-1)



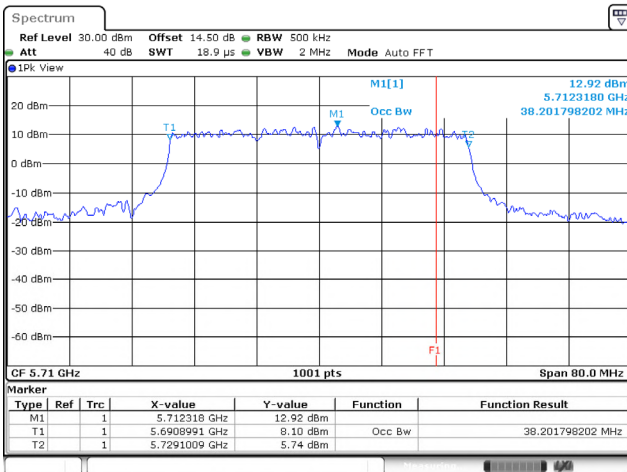
Date: 5.DEC.2023 16:55:00

802.11ax (40 MHz) / Ant. 1 / 5310 MHz (U-NII-2A)



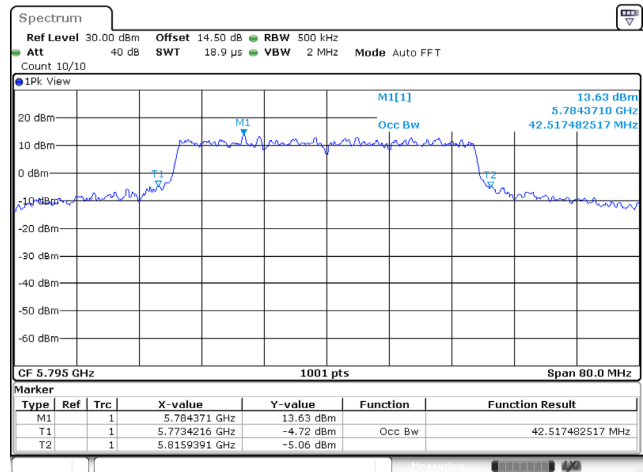
Date: 5.DEC.2023 17:15:10

802.11ax (40 MHz) / Ant. 2 / 5710 MHz (U-NII-2C)



Date: 5.DEC.2023 17:24:06

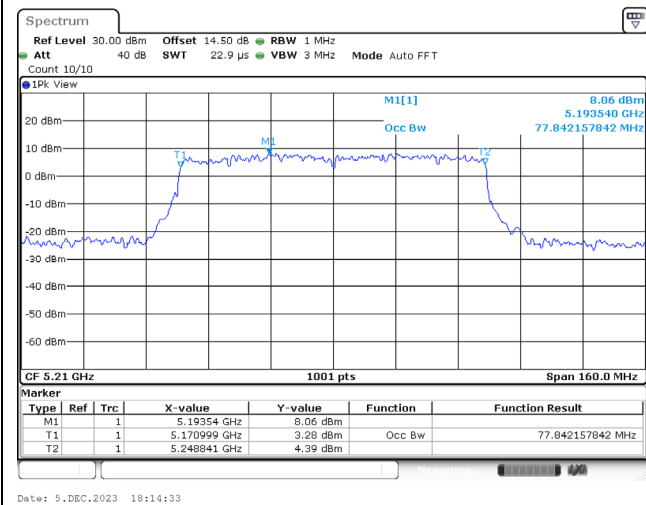
802.11ax (40 MHz) / Ant. 1 / 5795 MHz (U-NII-3)



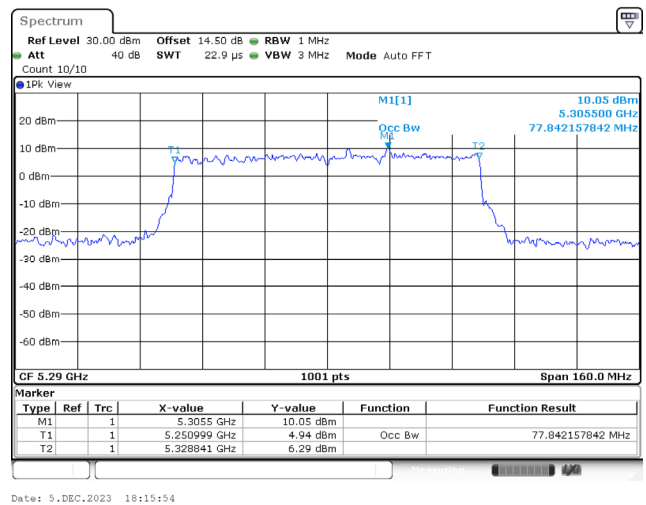
Date: 5.DEC.2023 17:57:46

### Spectrum plot of worst value

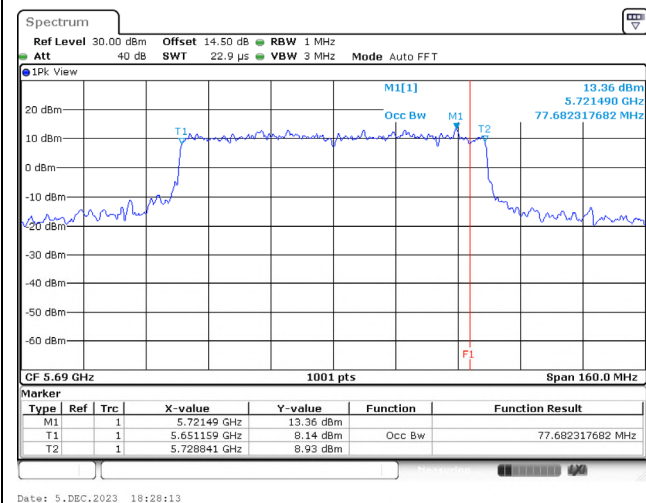
802.11ax (80 MHz) / Ant. 1 / 5210 MHz (U-NII-1)



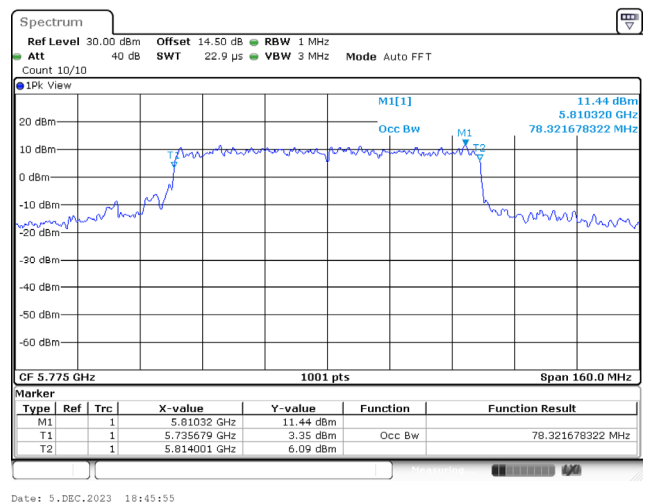
802.11ax (80 MHz) / Ant. 1 / 5290 MHz (U-NII-2A)



802.11ax (80 MHz) / Ant. 2 / 5690 MHz (U-NII-2C)



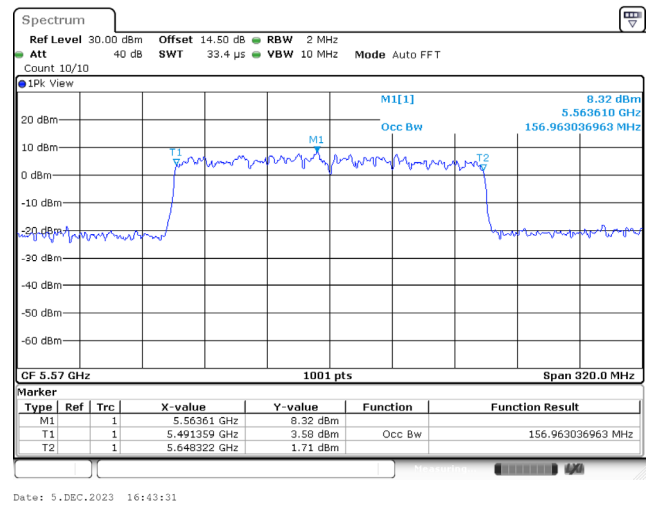
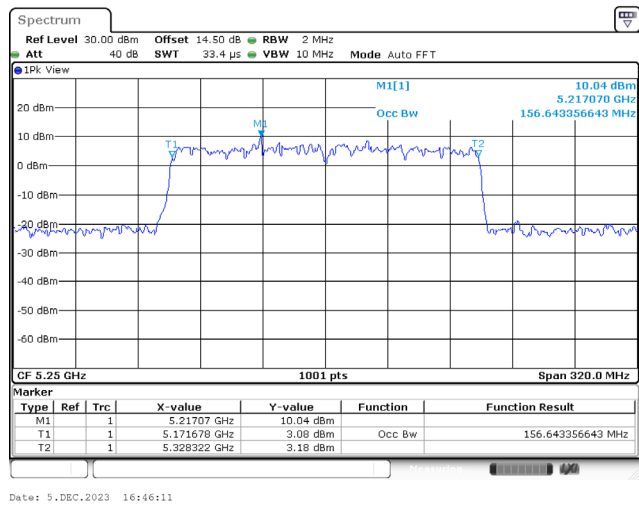
802.11ax (80 MHz) / Ant. 1 / 5775 MHz (U-NII-3)



### Spectrum plot of worst value

802.11ax (160 MHz) / Ant. 2 / 5250 MHz (U-NII-1 and U-NII-2A)

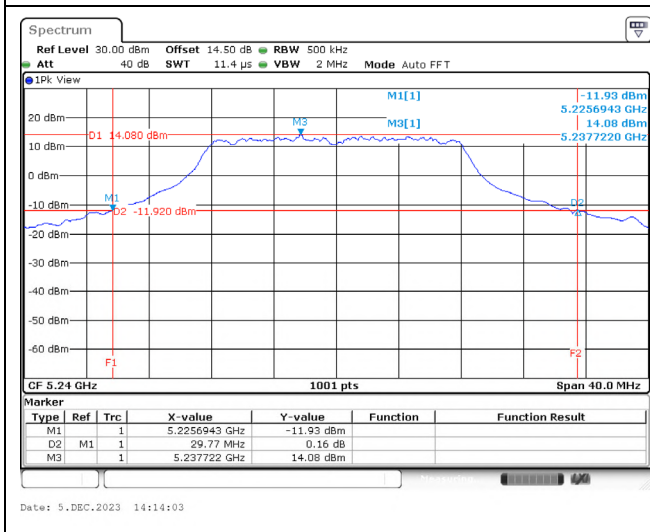
802.11ax (160 MHz) / Ant. 1 / 5570 MHz (U-NII-2C)



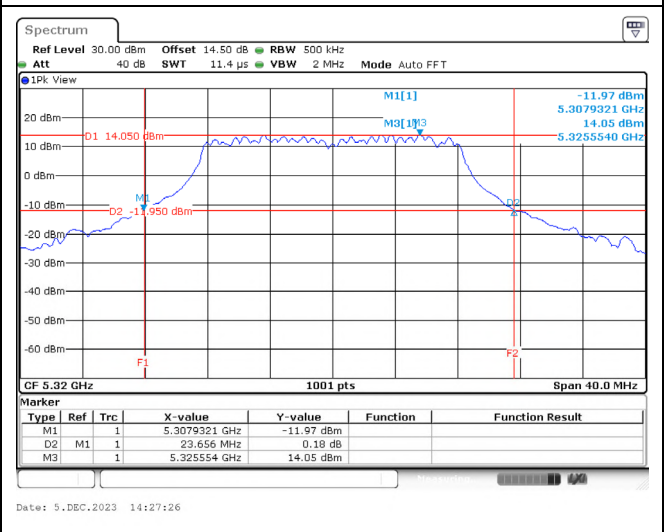
For 26dB Bandwidth:

Spectrum plot of worst value

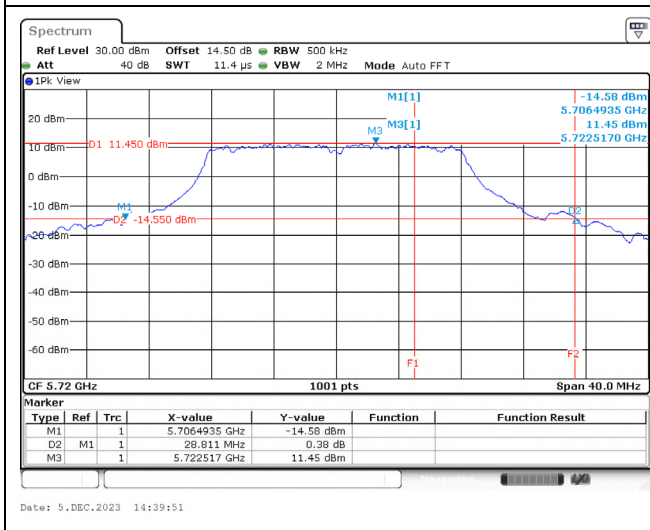
802.11a / Ant. 1 / 5240 MHz (U-NII-1)



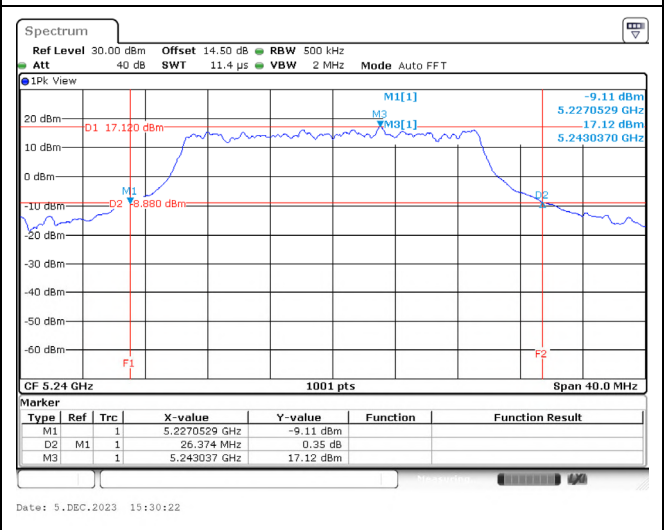
802.11a / Ant. 1 / 5320 MHz (U-NII-2A)



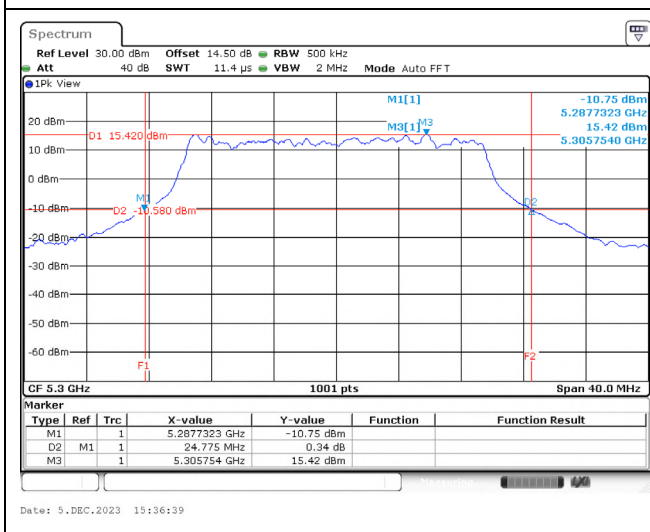
802.11a / Ant. 1 / 5720 MHz (U-NII-2C)



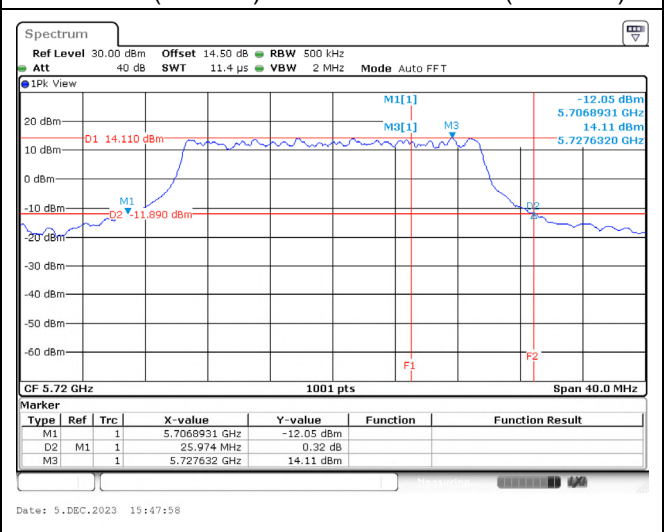
802.11ax (20 MHz) / Ant. 1 / 5240 MHz (U-NII-1)



802.11ax (20 MHz) / Ant. 2 / 5300 MHz (U-NII-2A)

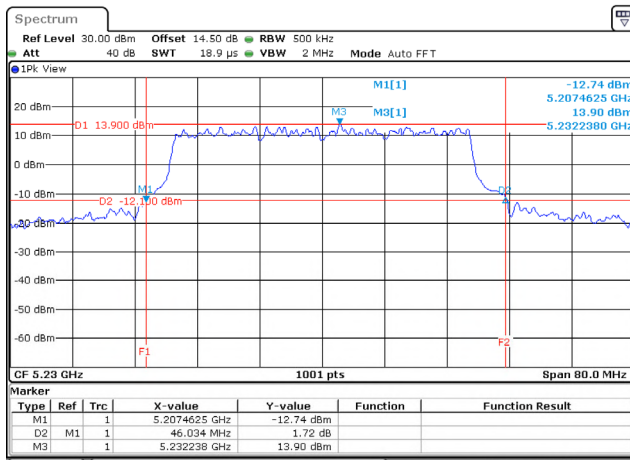


802.11ax (20 MHz) / Ant. 2 / 5720 MHz (U-NII-2C)



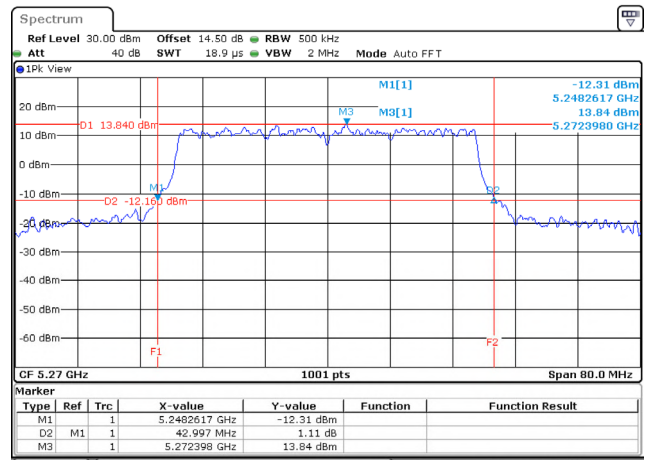
### Spectrum plot of worst value

802.11ax (40 MHz) / Ant. 1 / 5230 MHz (U-NII-1)



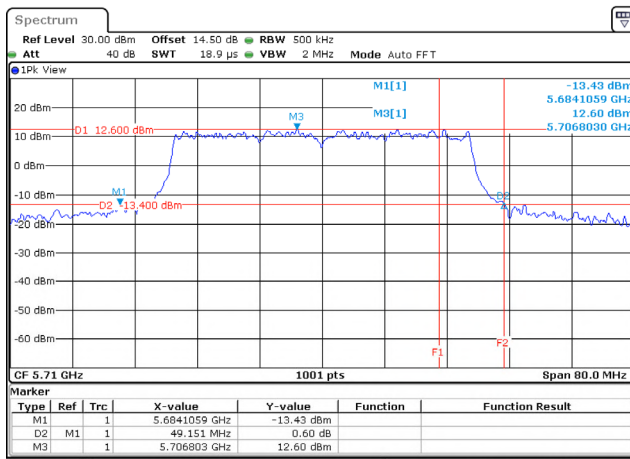
Date: 5.DEC.2023 16:53:00

802.11ax (40 MHz) / Ant. 2 / 5270 MHz (U-NII-2A)



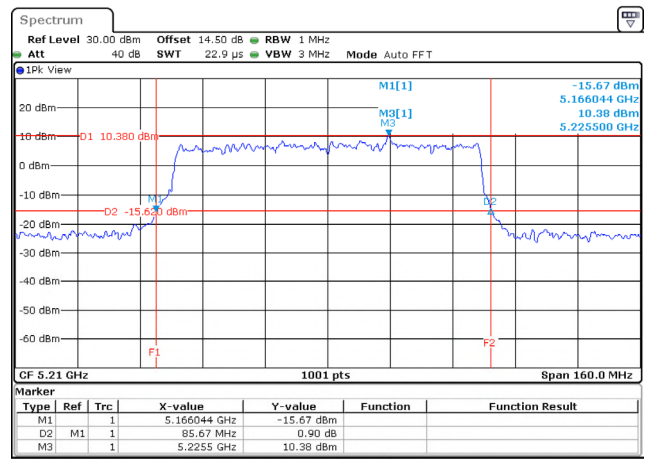
Date: 5.DEC.2023 17:11:28

802.11ax (40 MHz) / Ant. 2 / 5710 MHz (U-NII-2C)



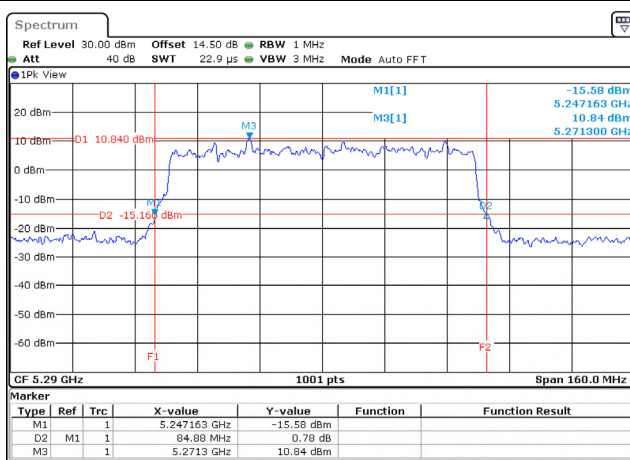
Date: 5.DEC.2023 17:23:57

802.11ax (80 MHz) / Ant. 1 / 5210 MHz (U-NII-1)



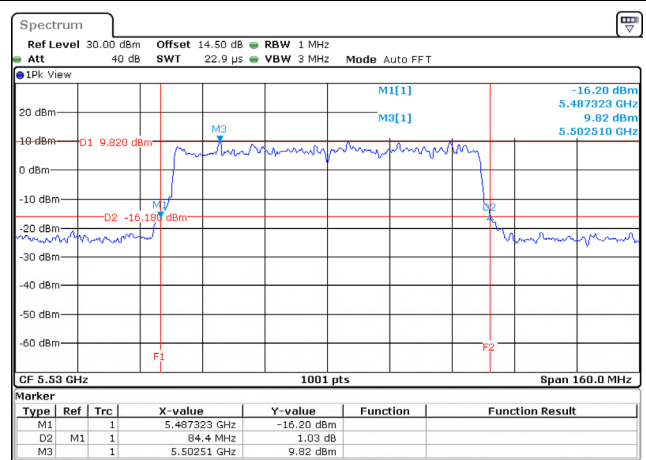
Date: 5.DEC.2023 18:14:25

802.11ax (80 MHz) / Ant. 2 / 5290 MHz (U-NII-2A)



Date: 5.DEC.2023 18:16:19

802.11ax (80 MHz) / Ant. 2 / 5530 MHz (U-NII-2C)

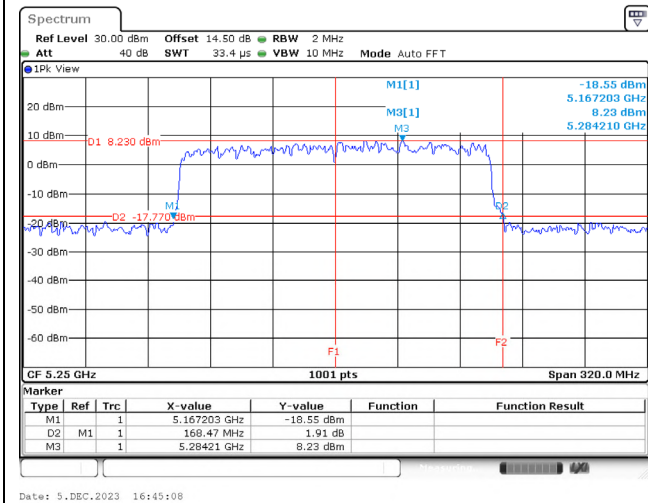


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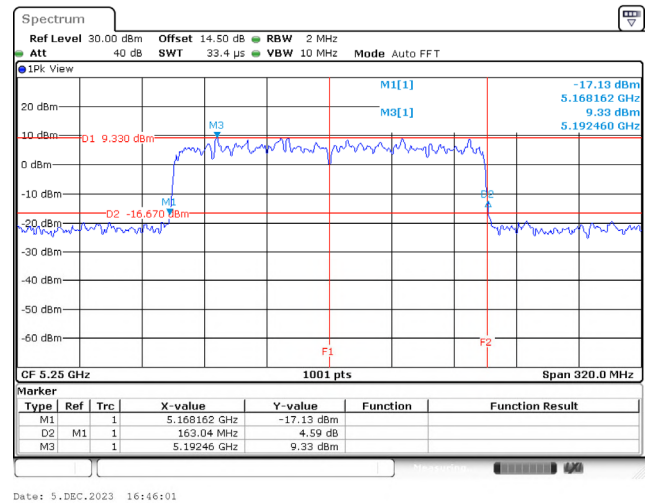
### Spectrum plot of worst value

802.11ax (160 MHz) / Ant. 1 / 5250 MHz (U-NII-1)

802.11ax (160 MHz) / Ant. 2 / 5250 MHz (U-NII-2A)

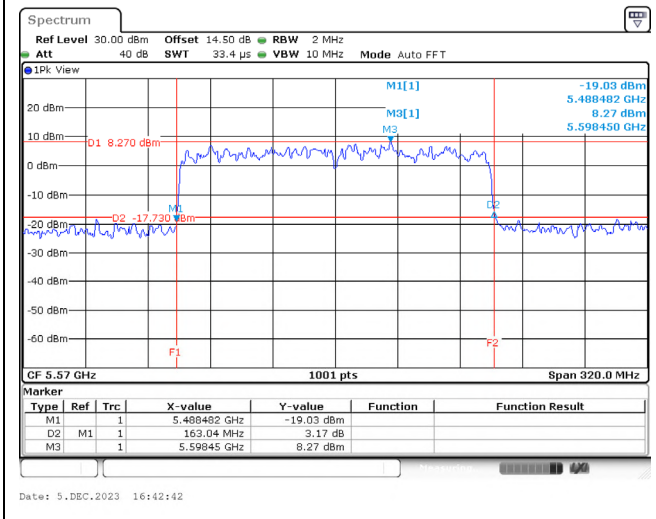


Date: 5.DEC.2023 16:45:08



Date: 5.DEC.2023 16:46:01

802.11ax (160 MHz) / Ant. 2 / 5570 MHz (U-NII-2C)

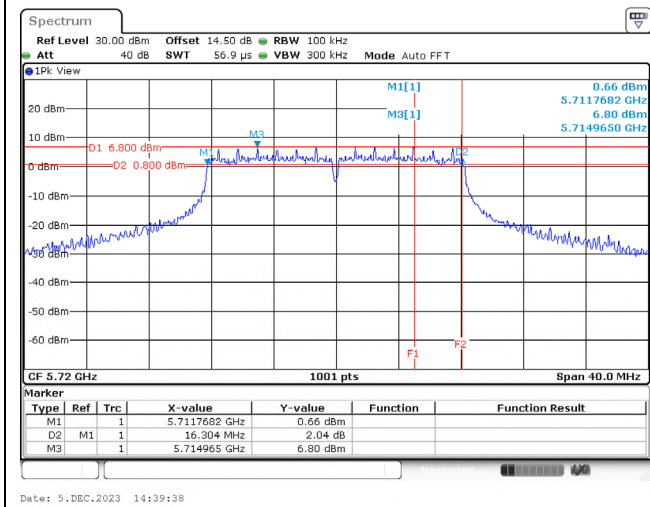


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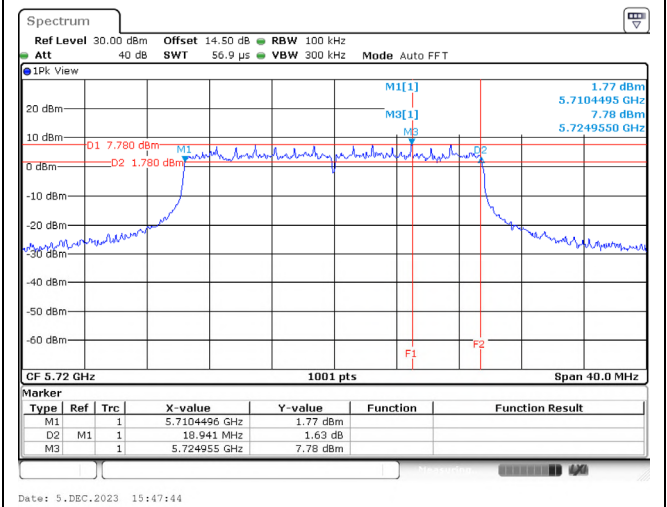
For DTS Bandwidth:

Spectrum plot of worst value

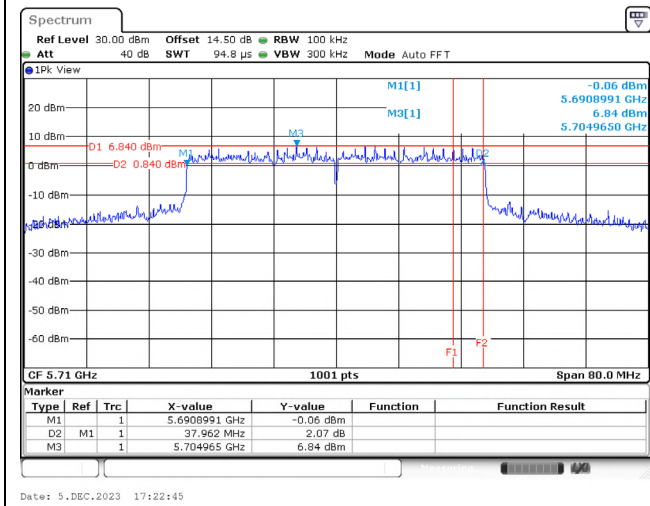
802.11a / Ant. 1 / 5720 MHz



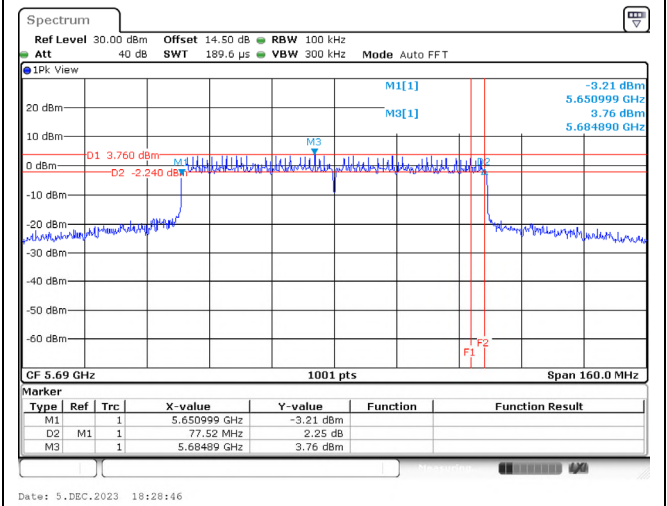
802.11ax (20 MHz) / Ant. 2 / 5720 MHz



802.11ax (40 MHz) / Ant. 1 / 5710 MHz



802.11ax (80 MHz) / Ant. 1 / 5690 MHz



## Appendix C. Test Result of Maximum Conducted Output Power

<Non-beamforming function>

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			
		Ant. 1	Ant. 2	Total	Limit
802.11a	5180	20.820	21.250	24.051	30.00
	5220	21.030	21.160	24.106	30.00
	5240	21.260	20.910	24.099	30.00
	5260	19.190	19.250	22.230	24.00
	5300	20.010	20.030	23.030	24.00
	5320	20.060	20.020	23.050	24.00
	5500	18.880	18.680	21.791	24.00
	5580	19.010	19.140	22.086	24.00
	5700	18.910	19.130	22.032	24.00
	5720 (U-NII-2C)	17.300	18.140	20.783	23.67
	5720 (U-NII-3)	11.200	12.100	14.716	30.00
	5745	19.510	20.170	22.863	30.00
	5785	19.310	20.060	22.711	30.00
	5825	19.270	20.050	22.688	30.00
802.11ax (20 MHz)	5180	21.220	21.660	24.456	30.00
	5220	21.250	21.740	24.512	30.00
	5240	21.810	21.580	24.707	30.00
	5260	19.540	19.430	22.496	24.00
	5300	20.480	20.550	23.525	24.00
	5320	20.660	20.610	23.645	24.00
	5500	19.280	19.190	22.246	24.00
	5580	19.890	19.610	22.763	24.00
	5700	17.330	17.450	20.401	24.00
	5720 (U-NII-2C)	17.360	18.190	20.930	23.58
	5720 (U-NII-3)	12.300	13.260	15.942	30.00
	5745	19.880	20.720	23.331	30.00
	5785	19.730	20.620	23.208	30.00
	5825	19.510	20.390	22.983	30.00
802.11ax (40 MHz)	5190	19.690	19.430	22.572	30.00
	5230	21.880	21.610	24.757	30.00
	5270	20.890	20.820	23.865	24.00
	5310	18.170	17.910	21.052	24.00
	5510	18.550	18.590	21.580	24.00
	5550	20.540	20.150	23.360	24.00
	5670	20.810	20.610	23.721	24.00
	5710 (U-NII-2C)	20.450	20.090	23.525	24.00
	5710 (U-NII-3)	11.190	10.590	14.151	30.00
	5755	22.150	22.220	25.195	30.00
5795	21.660	21.750	24.716	30.00	



Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			
		Ant. 1	Ant. 2	Total	Limit
802.11ax (80 MHz)	5210	17.610	17.810	20.721	30.00
	5290	18.310	17.770	21.059	24.00
	5530	17.370	17.650	20.523	24.00
	5610	20.240	20.010	23.137	24.00
	5690 (U-NII-2C)	20.490	20.410	23.977	24.00
	5690 (U-NII-3)	7.690	7.430	11.089	30.00
	5775	20.220	20.150	23.195	30.00
802.11ax (160 MHz)	5250 (U-NII-1)	13.020	13.280	17.114	30.00
	5250 (U-NII-2A)	13.760	13.230	17.465	24.00
	5570	17.250	17.460	20.367	24.00

Note:

1. 802.11a, 5720 MHz (U-NII-2C) limit =  $11 + 10 \cdot \log(B)$  or 24 dBm;  $11 + 10 \cdot \log(18.507) = 23.67$  dBm < 24 dBm, so limit = 23.67 dBm.
2. 802.11ax (20 MHz), 5720 MHz (U-NII-2C) limit =  $11 + 10 \cdot \log(B)$  or 24 dBm;  $11 + 10 \cdot \log(18.107) = 23.58$  dBm < 24 dBm, so limit = 23.58 dBm.
3. For straddle channels, the total power = conducted output power + duty factor, and the duty factor refer to section 2.3.

<Beamforming function>

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)			
		Ant. 1	Ant. 2	Total	Limit
802.11ax (20 MHz)	5180	21.220	21.660	24.456	30.00
	5220	21.250	21.740	24.512	30.00
	5240	21.810	21.580	24.707	30.00
	5260	19.540	19.430	22.496	24.00
	5300	20.480	20.550	23.525	24.00
	5320	20.660	20.610	23.645	24.00
	5500	19.280	19.190	22.246	24.00
	5580	19.890	19.610	22.763	24.00
	5700	17.330	17.450	20.401	24.00
	5720 (U-NII-2C)	17.360	18.190	20.930	23.58
	5720 (U-NII-3)	12.300	13.260	15.942	30.00
	5745	19.880	20.720	23.331	30.00
	5785	19.730	20.620	23.208	30.00
	5825	19.510	20.390	22.983	30.00
802.11ax (40 MHz)	5190	19.690	19.430	22.572	30.00
	5230	21.880	21.610	24.757	30.00
	5270	20.890	20.820	23.865	24.00
	5310	18.170	17.910	21.052	24.00
	5510	18.550	18.590	21.580	24.00
	5550	20.540	20.150	23.360	24.00
	5670	20.810	20.610	23.721	24.00
	5710 (U-NII-2C)	20.450	20.090	23.525	24.00
	5710 (U-NII-3)	11.190	10.590	14.151	30.00
	5755	22.150	22.220	25.195	30.00
5795	21.660	21.750	24.716	30.00	
802.11ax (80 MHz)	5210	17.610	17.810	20.721	30.00
	5290	18.310	17.770	21.059	24.00
	5530	17.370	17.650	20.523	24.00
	5610	20.240	20.010	23.137	24.00
	5690 (U-NII-2C)	20.490	20.410	23.977	24.00
	5690 (U-NII-3)	7.690	7.430	11.089	30.00
	5775	20.220	20.150	23.195	30.00
802.11ax (160 MHz)	5250 (U-NII-1)	13.020	13.280	17.114	30.00
	5250 (U-NII-2A)	13.760	13.230	17.465	24.00
	5570	17.250	17.460	20.367	24.00

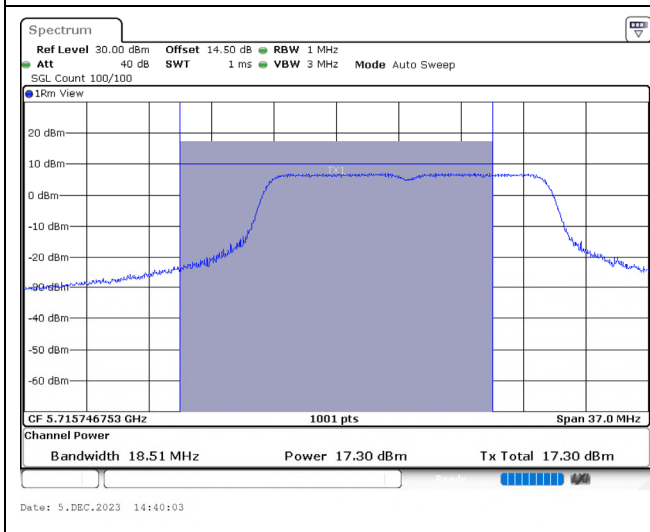
Note:

1. 802.11a, 5720 MHz (U-NII-2C) limit =  $11 + 10 \cdot \log(B)$  or 24 dBm;  $11 + 10 \cdot \log(18.507) = 23.67 \text{ dBm} < 24 \text{ dBm}$ , so limit = 23.67 dBm.
2. 802.11ax (20 MHz), 5720 MHz (U-NII-2C) limit =  $11 + 10 \cdot \log(B)$  or 24 dBm;  $11 + 10 \cdot \log(18.107) = 23.58 \text{ dBm} < 24 \text{ dBm}$ , so limit = 23.58 dBm.
3. For straddle channels, the total power = conducted output power + duty factor, and the duty factor refer to section 2.3.

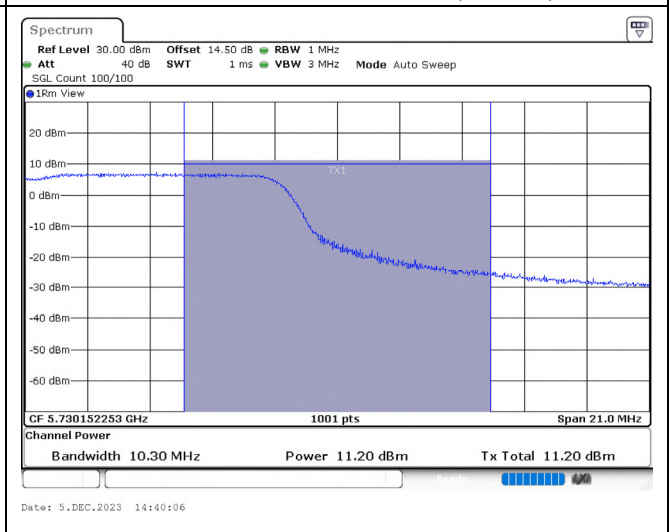
**For Straddle Channels:**

**Spectrum plot value of power**

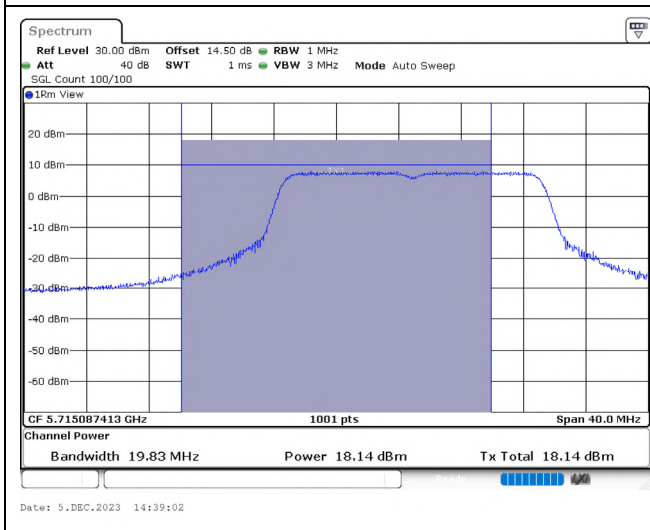
802.11a / Ant. 1 / 5720 MHz (U-NII-2C)



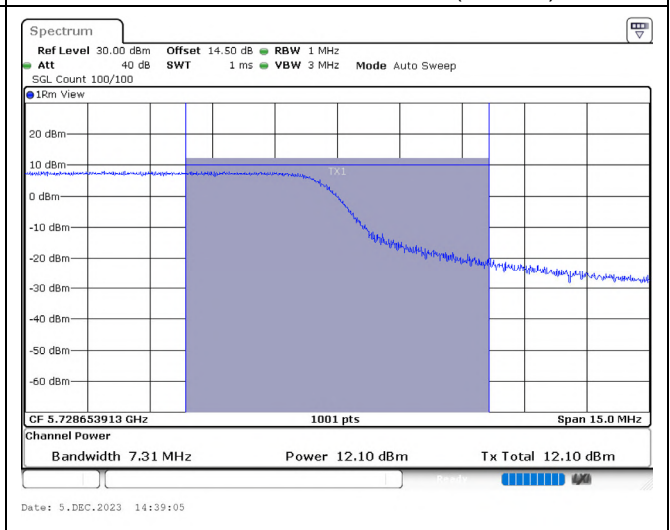
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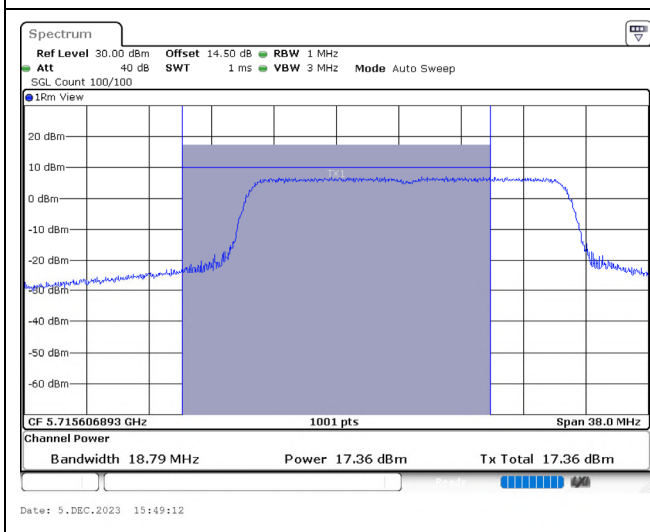
802.11a / Ant. 2 / 5720 MHz (U-NII-2C)



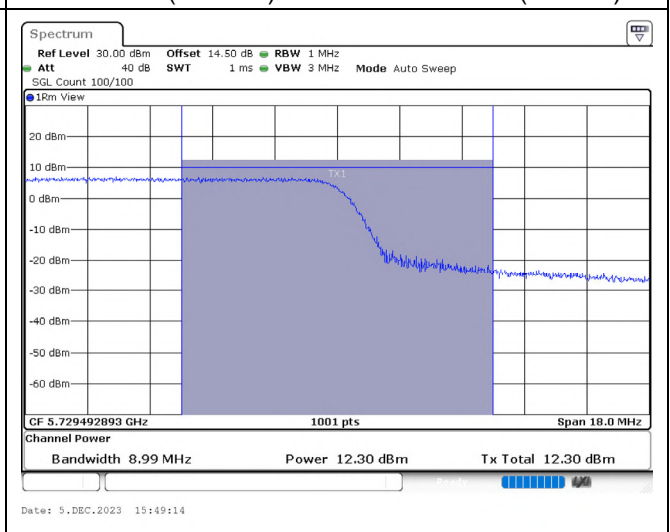
802.11a / Ant. 2 / 5720 MHz (U-NII-3)



802.11ax (20 MHz) / Ant. 1 / 5720 MHz (U-NII-2C)

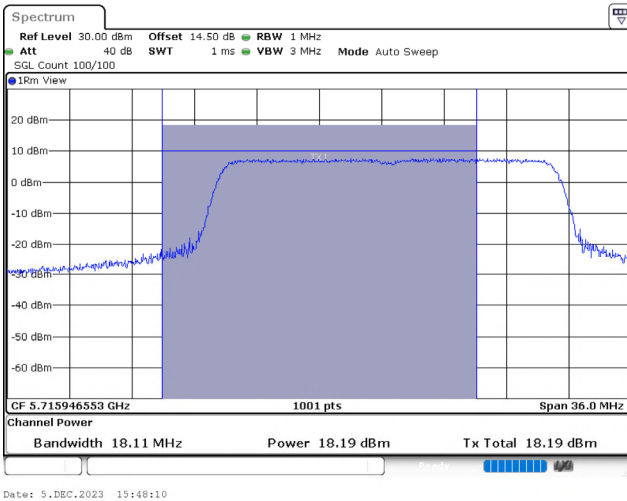


802.11ax (20 MHz) / Ant. 1 / 5720 MHz (U-NII-3)

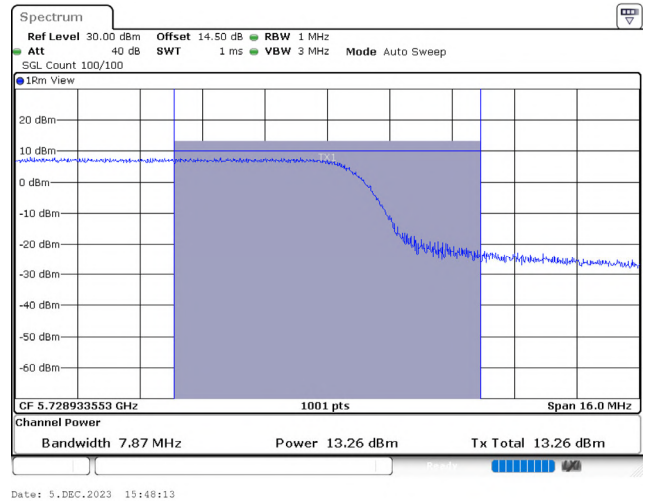


### Spectrum plot value of power

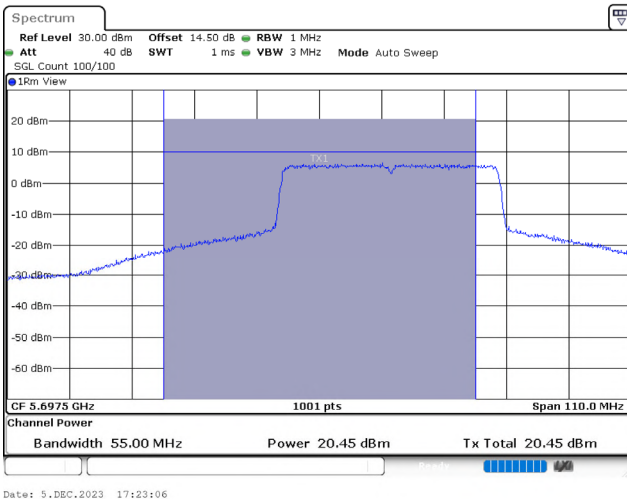
802.11ax (20 MHz) / Ant. 2 / 5720 MHz (U-NII-2C)



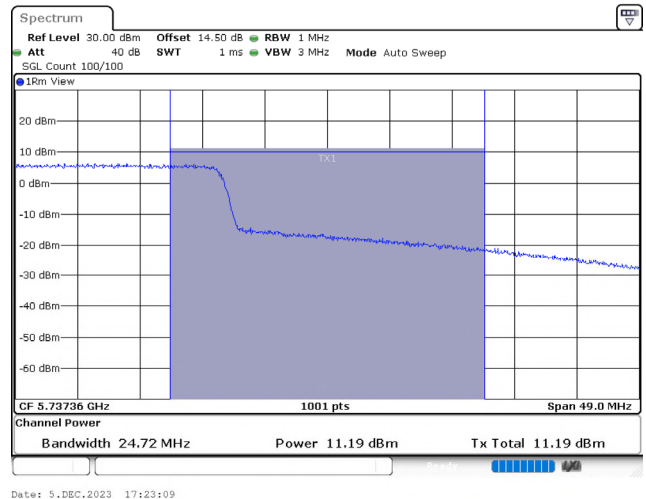
802.11ax (20 MHz) / Ant. 2 / 5720 MHz (U-NII-3)



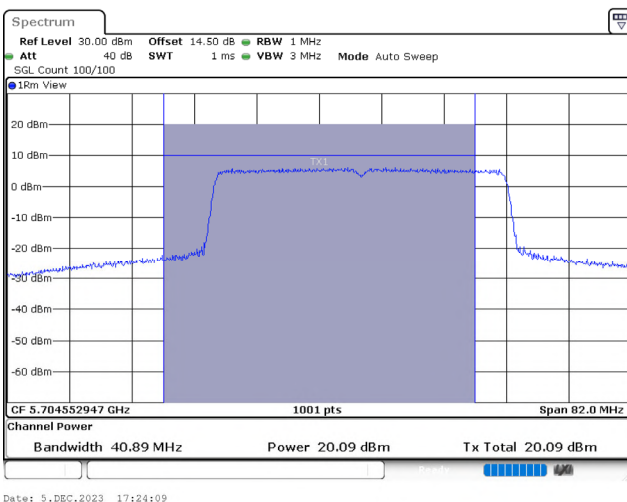
802.11ax (40 MHz) / Ant. 1 / 5710 MHz (U-NII-2C)



802.11ax (40 MHz) / Ant. 1 / 5710 MHz (U-NII-3)



802.11ax (40 MHz) / Ant. 2 / 5710 MHz (U-NII-2C)



802.11ax (40 MHz) / Ant. 2 / 5710 MHz (U-NII-3)

