



诺检标准
NTT STANDARD

TEST REPORT

FCC ID: 2BAAR-AE263

Product : Projector
Model Name : AE263HB
Brand : 
Report No. : SZNTT26035968E1-4

Prepared for

Shenzhen Atongmu Technology Co., LTD.

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Prepared by

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1 TEST RESULT CERTIFICATION

Applicant : Shenzhen Atongmu Technology Co., LTD.
Room 605, Office A Dong, Qiaohongsheng Wenhua Chuangyiyuan, Yintian
Address : Gongyequ, Yantian Shequ, Xixiang Jiedao, Baoan Qu, Shenzhen Shi, Guangdong, 518000, China
Manufacturer : Shenzhen Atongmu Technology Co., LTD.
Room 605, Office A Dong, Qiaohongsheng Wenhua Chuangyiyuan, Yintian
Address : Gongyequ, Yantian Shequ, Xixiang Jiedao, Baoan Qu, Shenzhen Shi, Guangdong, 518000, China
Product name : Projector
Model name : AE263HB
Serial model name : Please refer to page 8 for detail.
Model difference : Except for the model and the appearance color and shape, all models use the same circuitry and modules.
Standards : FCC CFR47 Part 15 Section 15.407
Test procedure : ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Date of test : Sept. 07, 2026 - Sept. 30, 2026
Date of Issue : Sept. 30, 2026

This device described above has been tested by NTT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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2 Test Summary

FCC Part15 (15.407) , Subpart E			
Standard Section	Test Item	Judgment	Remark
15.407(b), 15.209	Radiated Spurious Emission	PASS	
15.207	AC Power Line conducted emission	PASS	
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407(b)	Band Edge	PASS	
15.407 (a)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	

Remark:

1. "N/A" denotes test is not applicable in this Test Report.



3 TEST FACILITY

Site Description

Designation Number: CN3446

EMC Lab.

: Test Firm Registration Number: 129414
Accredited by ANAB, Dec. 19, 2025
The Certificate Registration Number is AT-3446

Name of Firm

: Shenzhen NTT Testing Technology Co., Ltd.

Site Location

: 1B, Building 2, Factory Building & 103, Building 3, Factory Building, Dayang
Industrial Park No.4, Industrial Avenue, Tangwei Community, Fuhai Sub-district,
Bao 'an District, Shenzhen City, China

4 General Information

4.1 General Description of E.U.T.

Product Name:	Projector
Model No.:	AE263HB
Sample ID:	SZNTT26035968E1-001#
Sample(s) Status:	Engineer sample
series model:	AE263HG, AA263HG, AE263HB Pro, AA263HB Pro, AE263HG Pro, AA263HG Pro, AA263HB Pro, AE265HB, AA263HB, AE265HG, AA263HG, AE265HB Pro, AA265HB Pro, AE265HG Pro, AA265HG Pro, AE263FB, AA263FB, AE263FG, AA263FG, AE263FB Pro, AA263FB Pro, AE263FG Pro, AA263FG Pro, AE265FB, AA265FB, AE265FG, AA265FG, AE265FB Pro, AA265FB Pro, AE265FG Pro, AA265FG Pro
Model Different.:	Except for the model and the appearance color and shape, all models use the same circuitry and modules.
Operation Frequency:	UNII-1: 5180MHz~5240MHz(20MHz bandwidth) 5190MHz~5230MHz(40MHz bandwidth) UNII-3: 5745MHz~5825MHz(20MHz bandwidth) 5755MHz~5795MHz(40MHz bandwidth)
Number of Channel:	UNII-1: 4 channels for 20MHz bandwidth 2 channels for 40MHz bandwidth UNII-3: 5 channels for 20MHz bandwidth 2 channels for 40MHz bandwidth
Modulation type:	802.11a: (64-QAM, 16-QAM, QPSK, BPSK) OFDM 802.11n: (64-QAM, 16-QAM, QPSK, BPSK) OFDM 802.11ac: (256-QAM, 64-QAM, 16-QAM, QPSK, BPSK) OFDM
Antenna Type:	FPCB antenna
Antenna gain:	WIFI 5.1G: 4.31dBi; WIFI 5.8G: 4.45dBi
Power supply:	AC 100~240V 50/60Hz
Hardware Version:	V1.0
Software Version:	V1.0
Remark:	the Antenna gain is provided by customer from Antenna spec. and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.



802.11a/n/ac(20MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240

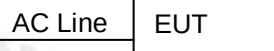
802.11/n/ac (40MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230	-	-	-	-

802.11a/n/ac(20 MHz) Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	153	5765	157	5785	161	5805
165	5825	-	-	-	-	-	-

802.11/n/ac(40MHz) Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795	-	-

4.2 Test Setup Configuration

Conducted Emission



Radiated Emission



RF Conducted Test



4.3 Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Hardware Version	Software Version
USB Extension Cable	/	/	/	/
PC	ASUS	U1	/	/

4.4 Test Mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
Remark: During the test, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.	

Test Software	ADB
Power level setup	Default

5 Equipment During Test

5.1 Equipments List

Conducted emission Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
944 Shielded Room	HSRCE944	/	HTEC	2025/4/30	2028/4/29
EMI Test Receiver	ESCI	100881/003	ROHDE&SCHWARZ	2026/09/04	2027/09/03
LISN	AMN6500	101185	ROHDE&SCHWARZ	2026/09/04	2027/09/03
LISN	NNLK 8129	00603	SCHWARZBECK	2026/09/04	2027/09/03
Pulse Limiters	VTSD 9561 F	00343	SCHWARZBECK	2026/09/04	2027/09/03
Cable	RG223-2M	/	RG	2026/09/04	2027/09/03

Radiated emission & Radio Frequency Test Equipment

Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
966 Shielded Room	966 Room	/	EMToni	2025/07/24	2028/07/23
EMI Test Receiver	ESPI	101018	ROHDE&SCHWARZ	2026/09/04	2027/09/03
Amplifier (30MHz-1GHz)	BBV 9745	00431	SCHWARZBECK	2026/09/09	2027/09/08
Bilog Antenna (30MHz-1GHz)	VULB9168	1858	SCHWARZBECK	2026/09/05	2027/09/04
Horn antenna (1GHz-18GHz)	BBHA 9120 D	02622	SCHWARZBECK	2026/09/05	2027/09/04
Preamplifier (1GHz-18GHz)	BBV 9718D	0024	SCHWARZBECK	2026/09/04	2027/09/03
Spectrum Analyzer (10Hz-40GHz)	FSV 40	100952	ROHDE&SCHWARZ	2026/09/04	2027/09/03



Pream plifier (18GHz-40GHz)	BBV 9721	0056	SCHWARZBECK	2026/09/04	2027/09/03
Double Ridge Guide Horn Antenna (18GHz-40GHz)	SAS-574	588	A.H.System	2026/09/05	2027/09/04
Loop Antenna (9KHz-30MHz)	FMZB 1513-60	00115	SCHWARZBECK	2026/09/04	2027/09/03
MXG Signal Analyzer	N9020A	MY49100730	Agilent	2026/09/04	2027/09/03
MXG Vector Signal Generator	N5182A	MY50144920	Agilent	2026/09/04	2027/09/03
WIDEBAND RADIO COMMUNICATION TESTER	CMW500	/	ROHDE&SCHWA RZ	2026/09/07	2027/09/06
Power Sensor	MW100- RFCB-2	MW260105N TT-64	MWRFtest	2026/09/04	2027/09/03
RF Swith	MW100- RFCB-1	MW260105N TT-64	MWRFtest	2026/09/04	2027/09/03
Cable	RG223-3M	/	DA	2026/09/04	2027/09/03
Cable	RG223-12M	/	DA	2026/09/04	2027/09/03
Cable	SFT205- NMNMSW- 2.5M	/	DA	2026/09/04	2027/09/03
Cable	SFT205- NMNM-12M	/	DA	2026/09/04	2027/09/03
Cable	UCA500- NJWSM- 1.5M	017	MWRFtest	2026/09/04	2027/09/03

Other

Item	Name	Manufacturer	Model	Software version
1	EMC Conduction Test System	FALA	EZ-EMC	Ver.EMC-CON 3A1.1+
2	EMC radiation test system	FALA	EZ-EMC	Ver.FA-03A2 RE+



3	RF test system	TACHOY	RFTest	V1.0.0
4	RF communication test system	TACHOY	RFTest	V1.0.0

5.2 Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	±1.0dB
Power Spectral Density, conducted	±2.2dB
Radio Frequency	± 1 x 10 ⁻⁶
Bandwidth	± 1.5 x 10 ⁻⁶
Time	±2%
Duty Cycle	±2%
Temperature	±1°C
Humidity	±5%
DC and low frequency voltages	±3%
Conducted Emissions (150kHz~30MHz)	±3.64dB
Radiated Emission(9KHz~30MHz)	±4.51dB
Radiated Emission(30MHz~1GHz)	±5.03dB
Radiated Emission(1GHz~25GHz)	±4.74dB
Radiated Emission(25GHz~40GHz)	±4.74dB
Remark:When making a conformity declaration based on test results for regulations/standards or specifications,the default is to use Clause 4.2.1of ILAC-G8:09/2019 and the guidelines on decision rules and conformity declaration in IEC Guide 115:2023.	

5.3 Description of Support Units

The EUT has been tested as an independent unit .



6 Conducted Emission

Test Requirement: : FCC CFR 47 Part 15 Section 15.207

Test Method: : ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result: : PASS

Frequency Range: : 150kHz to 30MHz

Class/Severity: : Class B

Detector: : Peak for pre-scan (9kHz Resolution Bandwidth)

6.1 E.U.T. Operation

Operating Environment :

Temperature: : 25.3°C

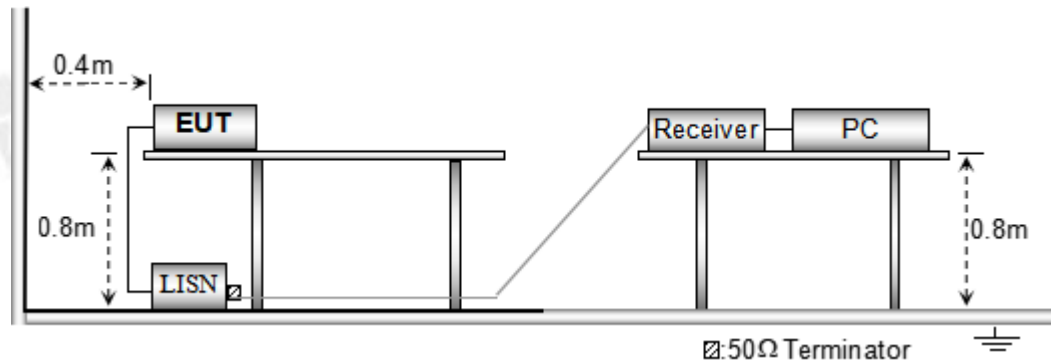
Humidity: : 52 % RH

Atmospheric Pressure: : 101.12 kPa

Test Voltage : AC 100~240V 50/60Hz

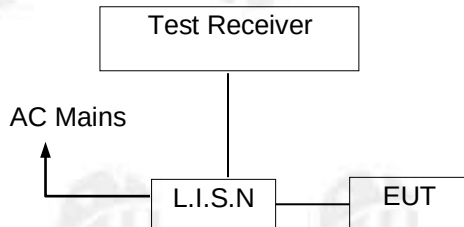
6.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.





6.3 Test SET-UP (Block Diagram of Configuration)



6.4 Measurement Procedure:

1. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
2. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
3. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
4. LISN at least 80 cm from nearest part of EUT chassis.
5. For the actual test configuration, please refer to the related Item – EUT Test Photos.

6.5 Conducted Emission Limit

Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.



6.6 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

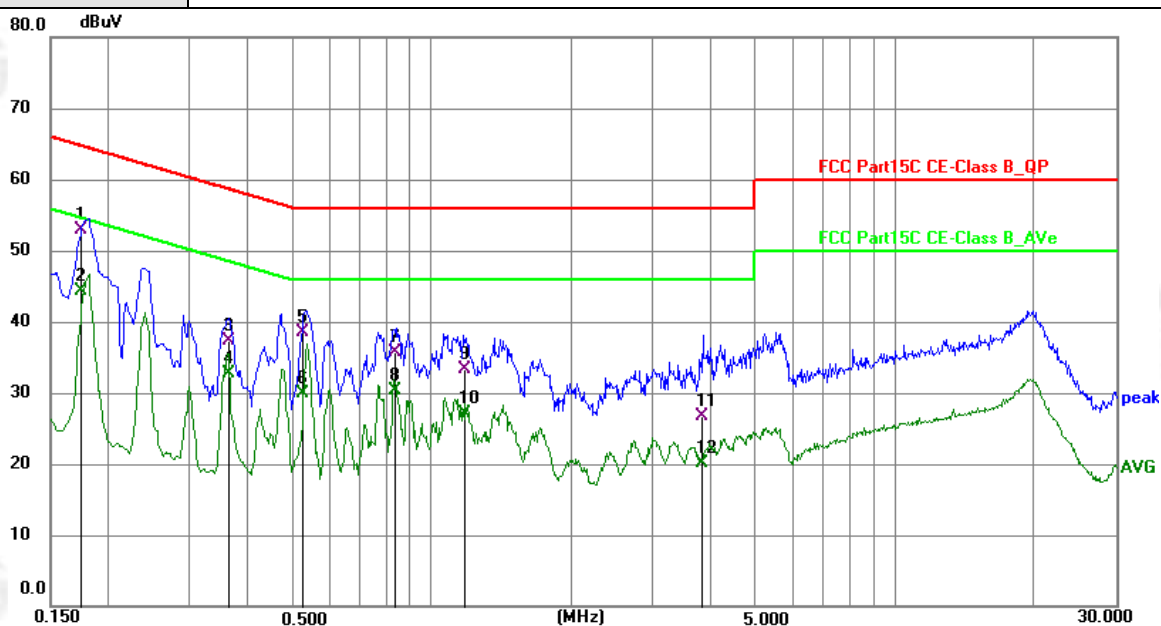
6.7 Conducted Emission Test Result

Pass

All the modulation modes were tested the data of the worst mode (802.11n40,Lowest channel) are recorded in the following pages and the others modulation methods do not exceed the limits.



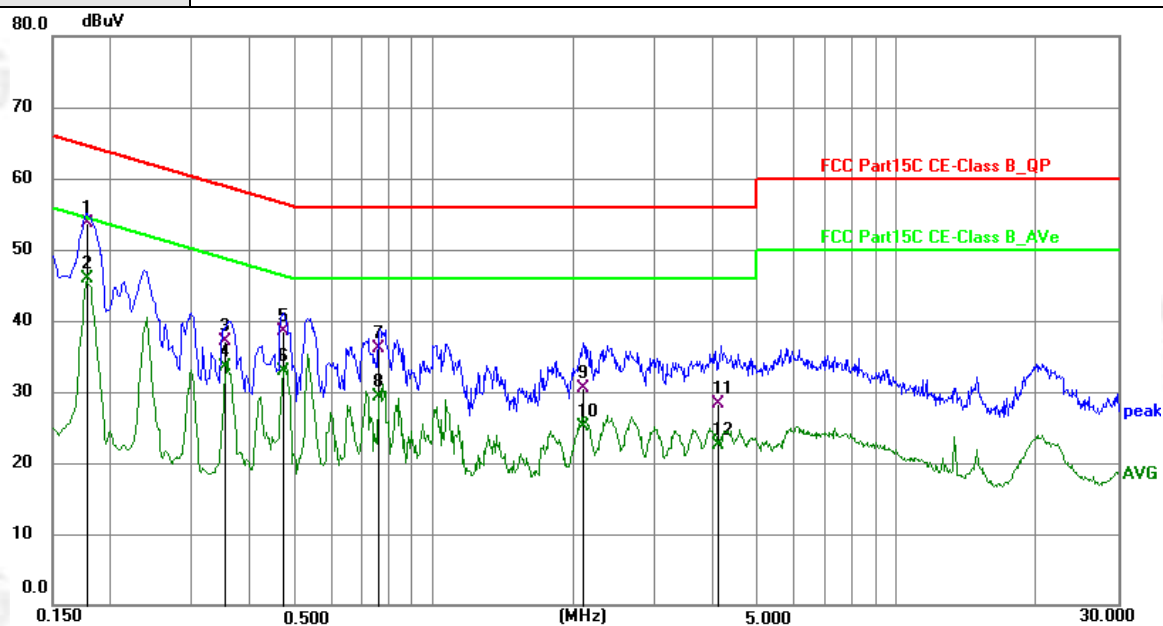
Temperature:	25.3°C	Relative Humidity:	52%
Pressure:	101kPa	Phase :	L
Test Voltage :	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1751	33.21	19.64	52.85	64.71	-11.86	QP
2 *	0.1751	24.58	19.64	44.22	54.71	-10.49	AVG
3	0.3620	17.73	19.66	37.39	58.68	-21.29	QP
4	0.3620	13.00	19.66	32.66	48.68	-16.02	AVG
5	0.5262	18.79	19.66	38.45	56.00	-17.55	QP
6	0.5262	10.31	19.66	29.97	46.00	-16.03	AVG
7	0.8365	16.09	19.67	35.76	56.00	-20.24	QP
8	0.8365	10.72	19.67	30.39	46.00	-15.61	AVG
9	1.1803	13.69	19.68	33.37	56.00	-22.63	QP
10	1.1803	7.49	19.68	27.17	46.00	-18.83	AVG
11	3.8321	7.02	19.72	26.74	56.00	-29.26	QP
12	3.8321	0.39	19.72	20.11	46.00	-25.89	AVG



Temperature:	25.3°C	Relative Humidity:	52%
Pressure:	101kPa	Phase :	N
Test Voltage :	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.1770	34.04	19.64	53.68	64.63	-10.95	QP
2 *	0.1770	26.23	19.64	45.87	54.63	-8.76	AVG
3	0.3550	17.52	19.65	37.17	58.84	-21.67	QP
4	0.3550	13.89	19.65	33.54	48.84	-15.30	AVG
5	0.4716	18.81	19.66	38.47	56.49	-18.02	QP
6	0.4716	13.34	19.66	33.00	46.49	-13.49	AVG
7	0.7655	16.39	19.67	36.06	56.00	-19.94	QP
8	0.7655	9.65	19.67	29.32	46.00	-16.68	AVG
9	2.1070	10.88	19.69	30.57	56.00	-25.43	QP
10	2.1070	5.44	19.69	25.13	46.00	-20.87	AVG
11	4.1440	8.61	19.72	28.33	56.00	-27.67	QP
12	4.1440	2.70	19.72	22.42	46.00	-23.58	AVG

Notes:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.



2.Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.

3.Measurement Level = Reading level + Correct Factor

Correct Factor = Insertion loss of LISN + Cable loss.

4.Margin= Measurement Level - Limit

7 Radiated Spurious Emissions

Test Requirement : FCC CFR47 Part 15 Section 15.209 & 15.407
 Test Method : ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
 Test Result : PASS
 Measurement Distance : 3m
 Limit : See the follow table

Frequency (MHz)	Field Strength		Field Strength Limit at 3m Measurement Dist	
	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log^{(2400/F(\text{kHz}))} + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log^{(24000/F(\text{kHz}))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54



Undesirable emission limits

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge

7.1 EUT Operation

Operating Environment :

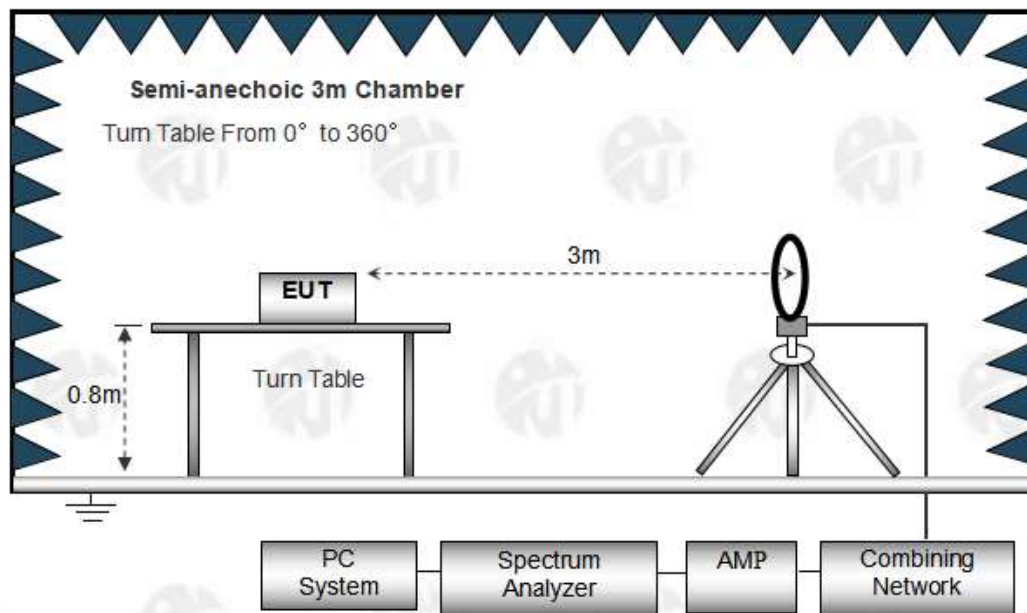
Temperature	:	25.3 °C
Humidity	:	55% RH
Atmospheric Pressure	:	101.3kPa
Test Voltage	:	AC 120V/60Hz



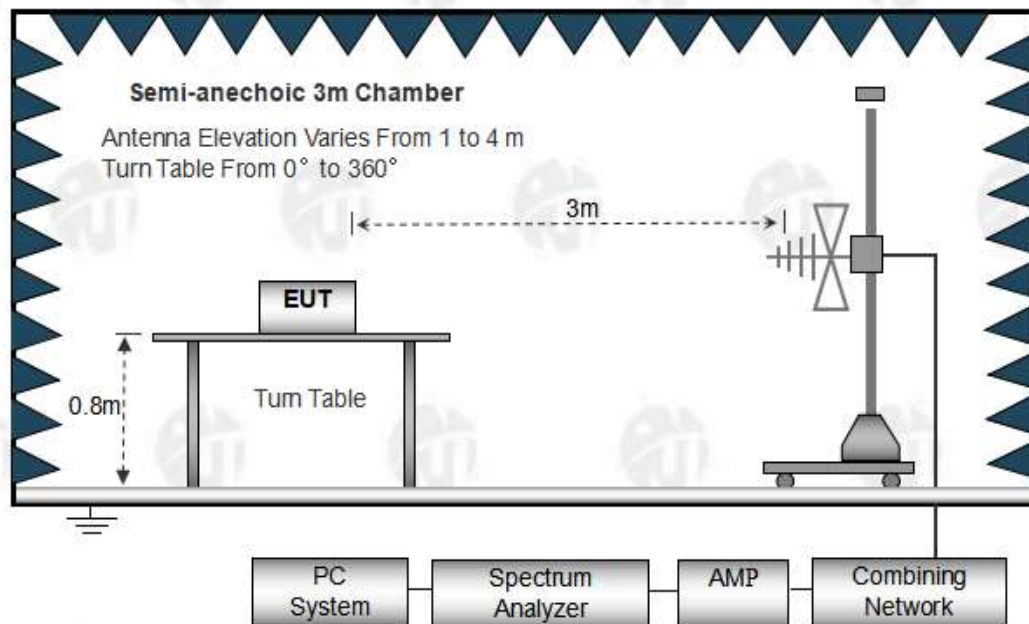
7.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

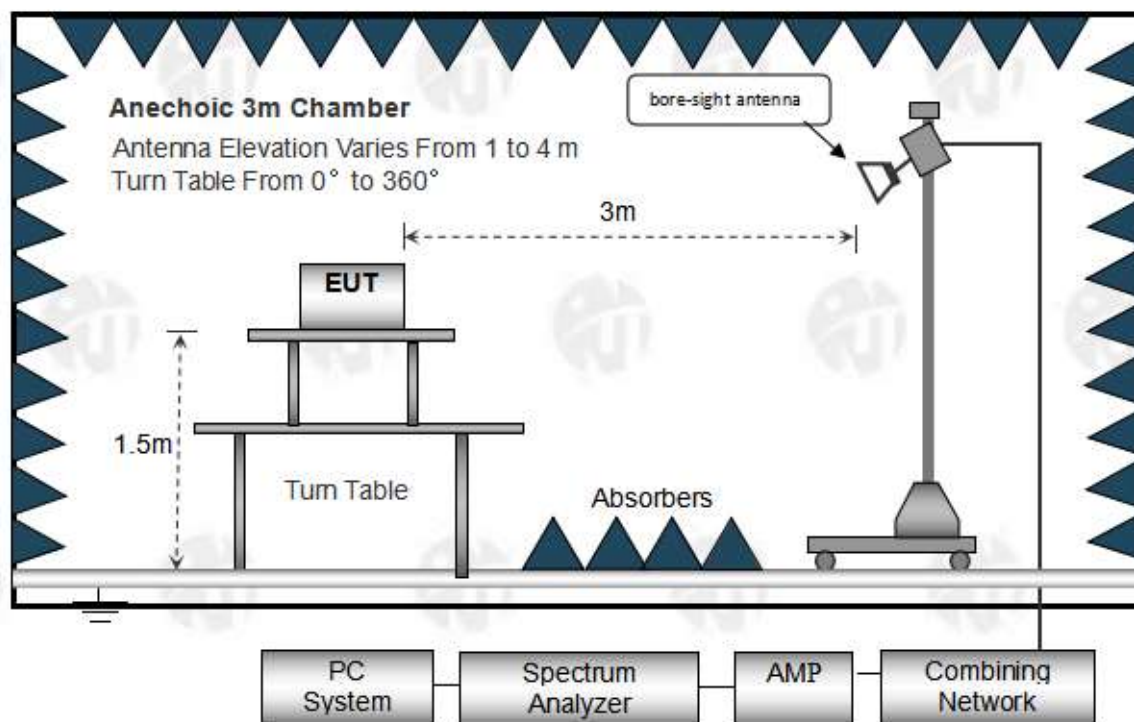
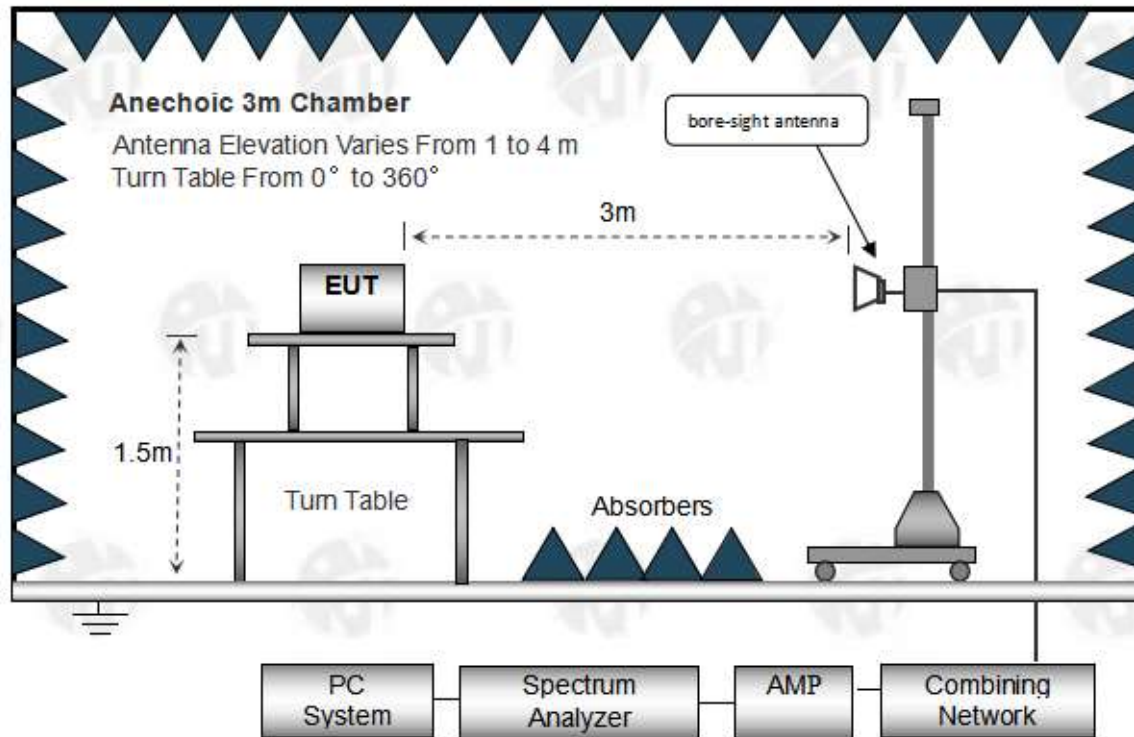
The test setup for emission measurement below 30MHz



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz





7.3 Spectrum Analyzer Setup

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 3 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



7.4 Test Procedure

1. The testing follows the guidelines in Spurious Radiated Emissions of ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024.
2. Below 1000MHz, The EUT was placed on a turn table which is 0.8m above ground plane. And above 1000MHz, The EUT was placed on a styrofoam table which is 1.5m above ground plane.
3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (From 1m to 4m) and turntable (from 0 degree to 360 degree) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Final measurement (Above 1GHz): The frequency range will be divided into different sub ranges depending of the frequency range of the used horn antenna. The EMI Receiver set to peak and average mode and a resolution bandwidth of 1MHz. The measurement will be performed in horizontal and vertical polarization of the measuring antenna and while rotating the EUT in its vertical axis in the range of 0 degree to 360 degree in order to have the antenna inside the cone of radiation.
7. Test Procedure of measurement (For Above 1GHz):
 - 1) Monitor the frequency range at horizontal polarization and move the antenna over all sides of the EUT(if necessary move the EUT to another orthogonal axis).
 - 2) Change the antenna polarization and repeat 1) with vertical polarization.
 - 3) Make a hardcopy of the spectrum.
 - 4) Measure the frequency of the detected emissions with a lower span and resolution bandwidth to increase the accuracy and note the frequency value.
 - 5) Change the analyser mode to Clear/ Write and found the cone of emission.
 - 6) Rotate and move the EUT, so that the measuring distance can be enlarged to 3m and the antenna will be still inside the cone of emission.
 - 7) Measure the level of the detected frequency with the correct resolution bandwidth, with the antenna polarization and azimuth and the peak and average detector, which causes the maximum emission.
 - 8) Repeat steps 1) to 7) for the next antenna spot if the EUT is larger than the antenna beamwidth.
7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.



7.5 Summary of Test Results

Test Frequency: 9KHz-30MHz

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV/m)	Limit 3m (dBuV/m)	Over (dB)
--	--	--	--	>20

Note:

The amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Distance extrapolation factor = $40\log(\text{Specific distance} / \text{test distance})$ (dB);

Limit line = Specific limits (dBuV) + distance extrapolation factor.

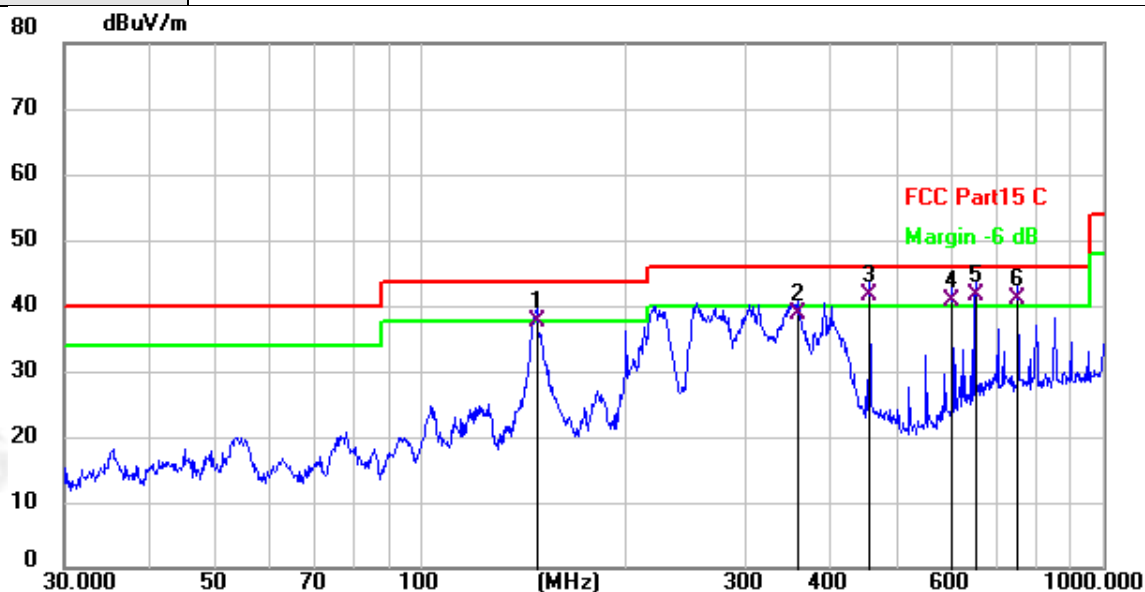


Test Frequency: 30MHz ~ 1GHz

UNII-1:

Please refer to the following test plots, High Channel Worst case 802.11n40 for record:

Temperature:	25.3℃	Relative Humidity:	55%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz		



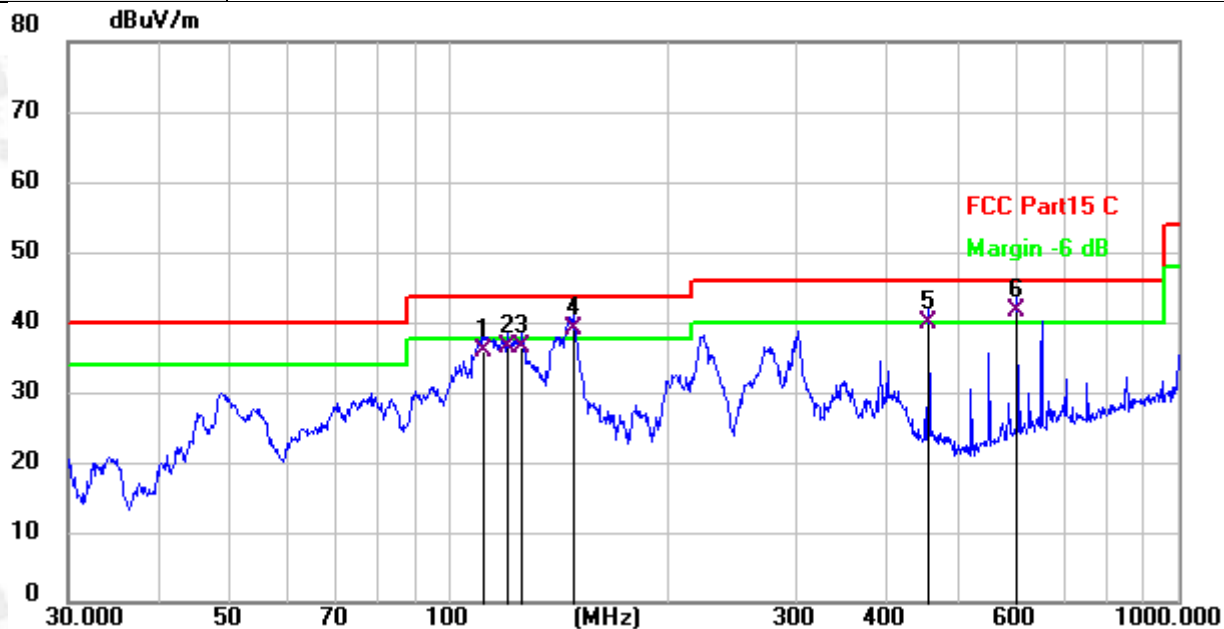
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	147.9214	54.09	-16.39	37.70	43.50	-5.80	QP
2	357.9286	53.86	-15.06	38.80	46.00	-7.20	QP
3 !	455.9057	54.21	-12.71	41.50	46.00	-4.50	QP
4 !	601.4265	49.89	-9.19	40.70	46.00	-5.30	QP
5 *	651.9415	49.79	-8.09	41.70	46.00	-4.30	QP
6 !	750.1082	47.14	-6.04	41.10	46.00	-4.90	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

Margin = Emission Level - Limit



Temperature:	25.3℃	Relative Humidity:	55%
Pressure:	101 kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	111.7380	54.51	-18.61	35.90	43.50	-7.60	QP
2	120.2766	54.07	-17.77	36.30	43.50	-7.20	QP
3	125.8863	53.90	-17.50	36.40	43.50	-7.10	QP
4 !	147.9214	55.49	-16.39	39.10	43.50	-4.40	QP
5	455.9057	52.61	-12.71	39.90	46.00	-6.10	QP
6 *	601.4265	50.89	-9.19	41.70	46.00	-4.30	QP

Remark:Emission Level=Reading+Cable Loss+ANT Factor-AMP Factor

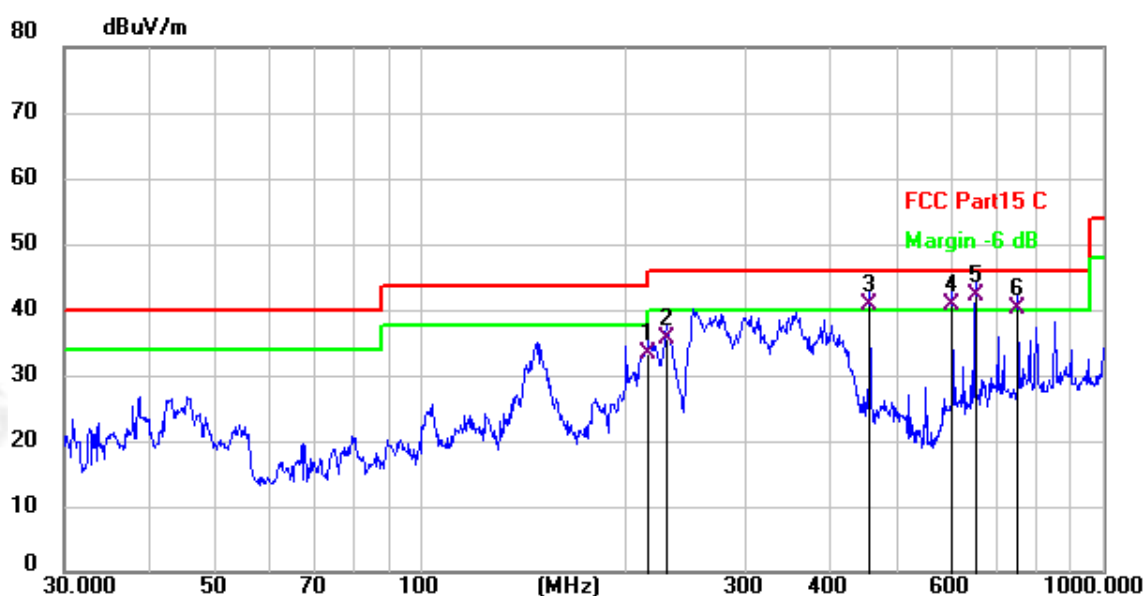
Margin= Emission Level - Limit



UNII-3:

Please refer to the following test plots, High Channel Worst case 802.11n40 for record:

Temperature:	25.5℃	Relative Humidity:	57%
Pressure:	101kPa	Polarization:	Horizontal
Test Voltage:	AC 120V/60Hz		



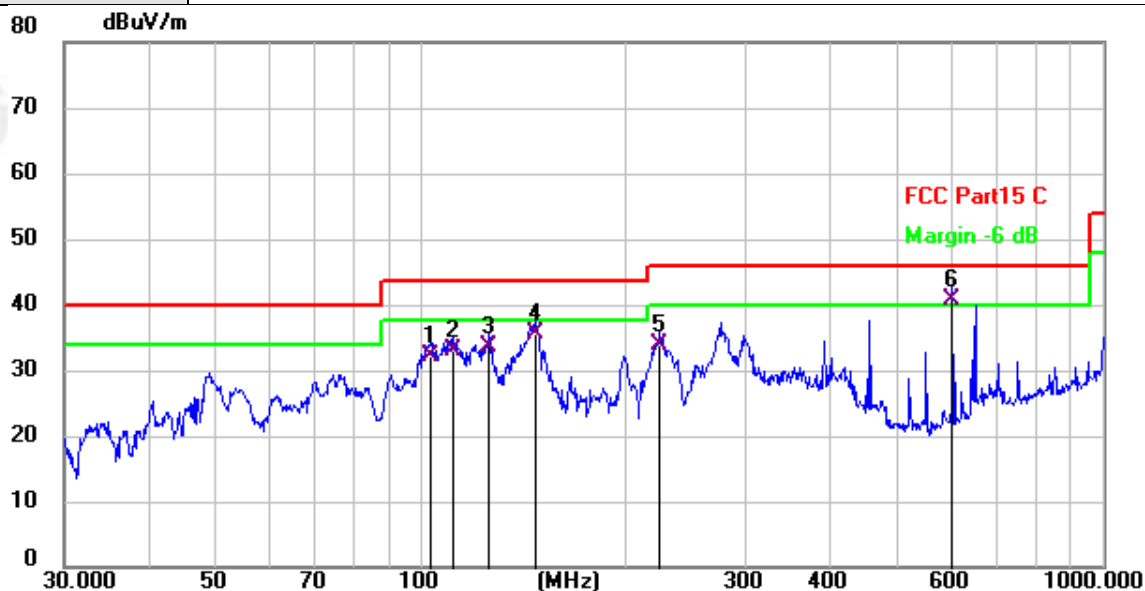
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	216.0240	52.44	-19.04	33.40	46.00	-12.60	QP
2	229.2930	54.01	-18.51	35.50	46.00	-10.50	QP
3 !	455.9057	53.31	-12.71	40.60	46.00	-5.40	QP
4 !	601.4265	49.99	-9.19	40.80	46.00	-5.20	QP
5 *	651.9415	50.29	-8.09	42.20	46.00	-3.80	QP
6 !	750.1082	46.24	-6.04	40.20	46.00	-5.80	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

Margin = Emission Level - Limit



Temperature:	25.5℃	Relative Humidity:	57%
Pressure:	101 kPa	Polarization:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	103.0800	51.68	-19.48	32.20	43.50	-11.30	QP
2	111.3468	51.75	-18.65	33.10	43.50	-10.40	QP
3	125.8863	51.00	-17.50	33.50	43.50	-10.00	QP
4	147.4036	52.12	-16.42	35.70	43.50	-7.80	QP
5	224.5192	52.63	-18.73	33.90	46.00	-12.10	QP
6 *	601.4265	49.89	-9.19	40.70	46.00	-5.30	QP

Remark: Emission Level = Reading + Cable Loss + ANT Factor - AMP Factor

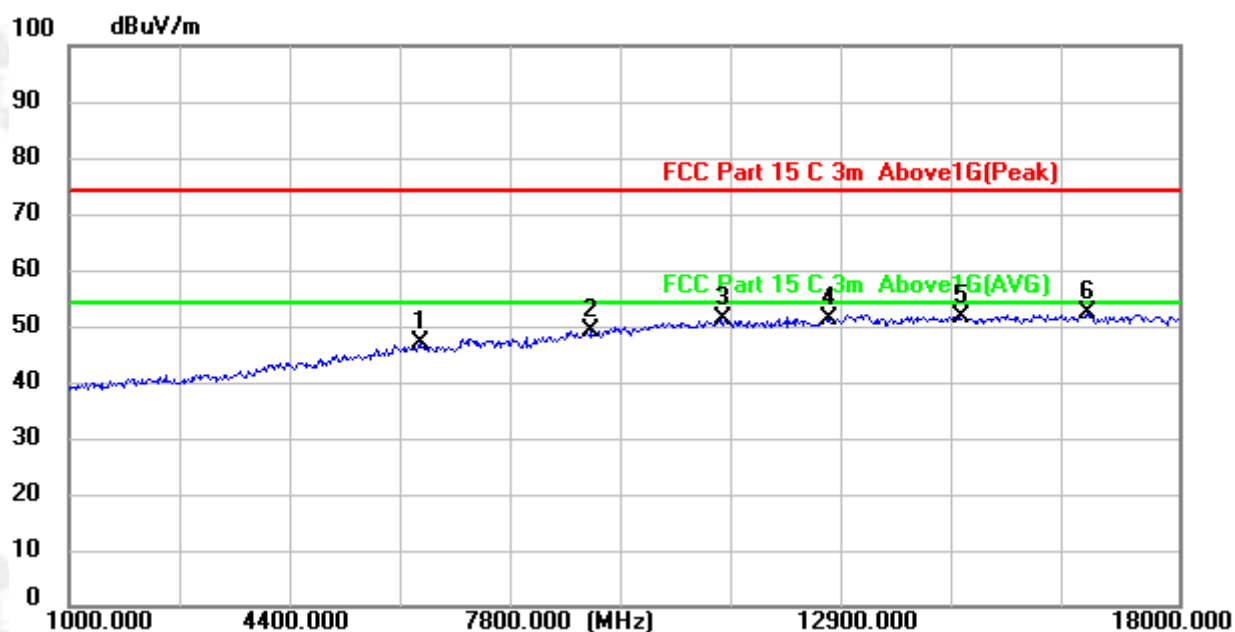
Margin = Emission Level - Limit

Test Frequency 1GHz-40GHz

UNII-1:



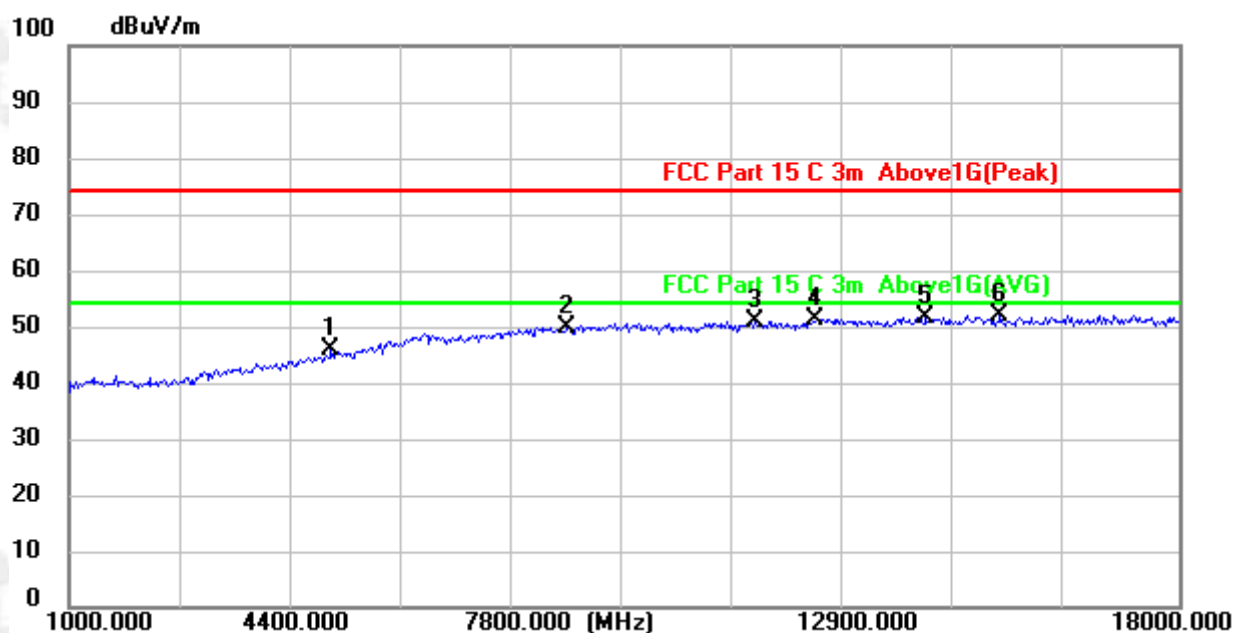
Temperature:	25.3°C	Relative Humidity:	55%
Test Mode:	11n40 5230MHz(Worst)	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	6371.0145	48.43	-1.64	46.79	74.00	-27.21	peak
2	9007.2464	47.94	1.07	49.01	74.00	-24.99	peak
3	11052.1739	46.90	4.40	51.30	74.00	-22.70	peak
4	12653.6232	46.23	5.09	51.32	74.00	-22.68	peak
5	14698.5507	46.45	5.23	51.68	74.00	-22.32	peak
6 *	16595.6522	42.07	10.24	52.31	74.00	-21.69	peak



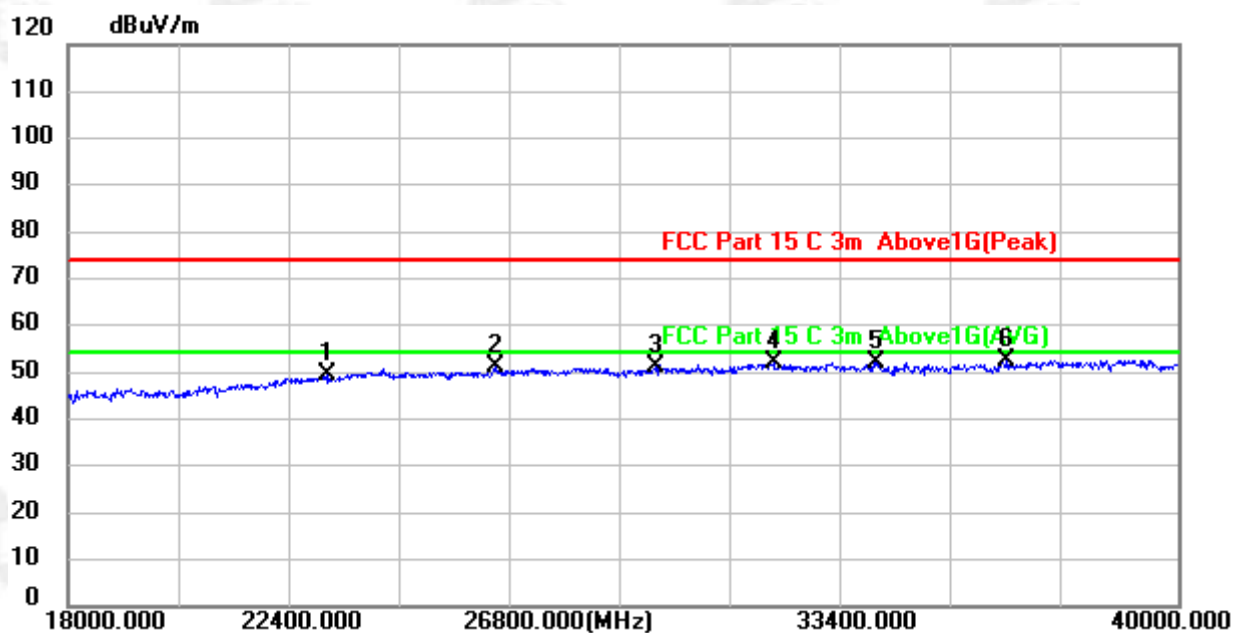
Temperature:	25.3°C	Relative Humidity:	55%
Test Mode:	11n40 5230MHz(Worst)	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	5015.9420	51.02	-4.99	46.03	74.00	-27.97	peak
2	8662.3188	48.76	1.07	49.83	74.00	-24.17	peak
3	11495.6522	46.43	4.63	51.06	74.00	-22.94	peak
4	12456.5217	46.34	5.01	51.35	74.00	-22.65	peak
5	14131.8841	44.16	7.41	51.57	74.00	-22.43	peak
6 *	15265.2174	47.76	4.25	52.01	74.00	-21.99	peak



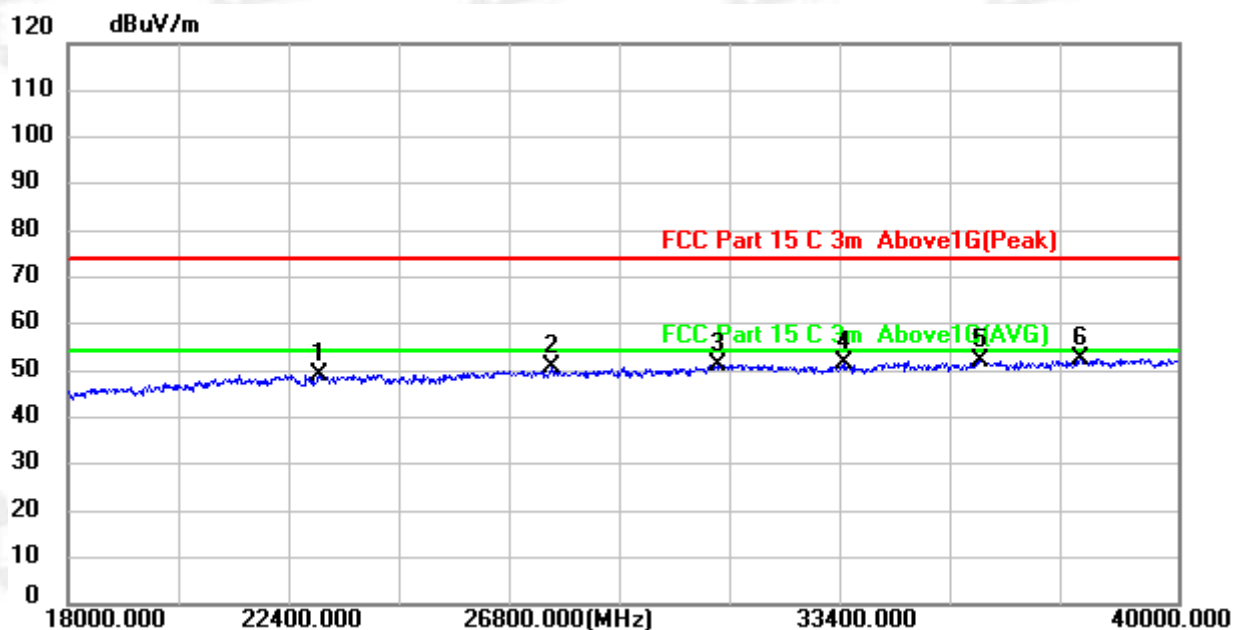
Temperature:	25.3°C	Relative Humidity:	55%
Test Mode:	11n40 5230MHz(Worst)	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	23126.0000	37.29	12.22	49.51	74.00	-24.49	peak
2	26492.0000	34.62	16.38	51.00	74.00	-23.00	peak
3	29660.0000	29.56	21.49	51.05	74.00	-22.95	peak
4	31992.0000	32.56	19.54	52.10	74.00	-21.90	peak
5	34038.0000	26.17	25.89	52.06	74.00	-21.94	peak
6 *	36612.0000	32.50	19.97	52.47	74.00	-21.53	peak



Temperature:	25.3°C	Relative Humidity:	55%
Test Mode:	11n40 5230MHz(Worst)	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	22994.0000	37.41	11.59	49.00	74.00	-25.00	peak
2	27592.0000	28.53	22.19	50.72	74.00	-23.28	peak
3	30892.0000	25.12	26.25	51.37	74.00	-22.63	peak
4	33400.0000	32.24	19.26	51.50	74.00	-22.50	peak
5	36106.0000	30.57	21.70	52.27	74.00	-21.73	peak
6 *	38064.0000	28.74	23.65	52.39	74.00	-21.61	peak



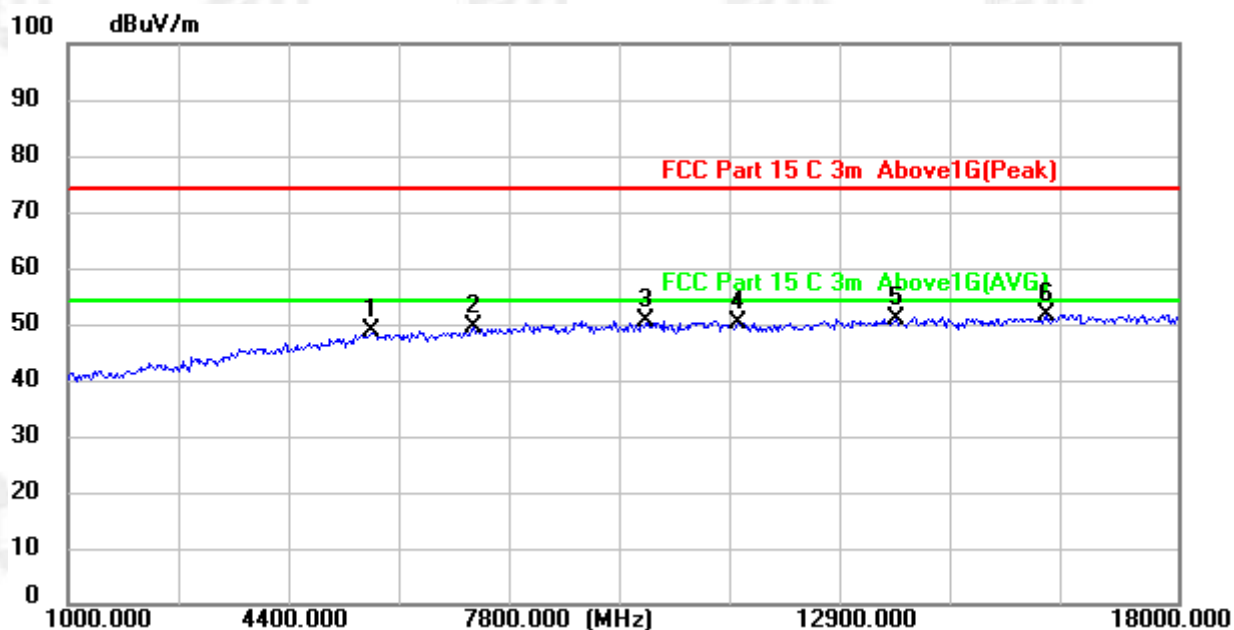
Note:

1. All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
2. Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor.
3. All modes have been tested, and only the worst mode 11n40 mode in the report.
4. Because the PK test value was below the AV limit, all AV tests were not conducted.



UNII-3:

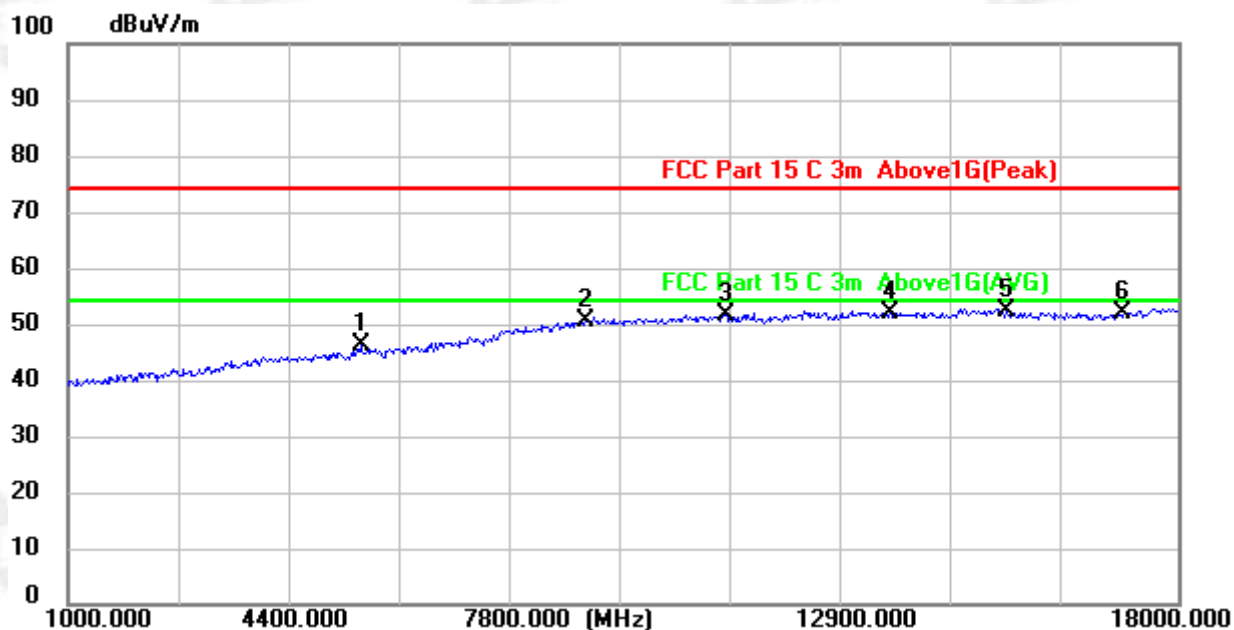
Temperature:	25.5°C	Relative Humidity:	56%
Test Mode:	11n40 5795MHz(Worst)	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	5681.1594	52.31	-3.71	48.60	74.00	-25.40	peak
2	7208.6957	48.84	0.71	49.55	74.00	-24.45	peak
3	9869.5652	48.03	2.59	50.62	74.00	-23.38	peak
4	11273.9130	45.39	4.88	50.27	74.00	-23.73	peak
5	13688.4058	42.70	8.10	50.80	74.00	-23.20	peak
6 *	16004.3478	43.98	7.52	51.50	74.00	-22.50	peak



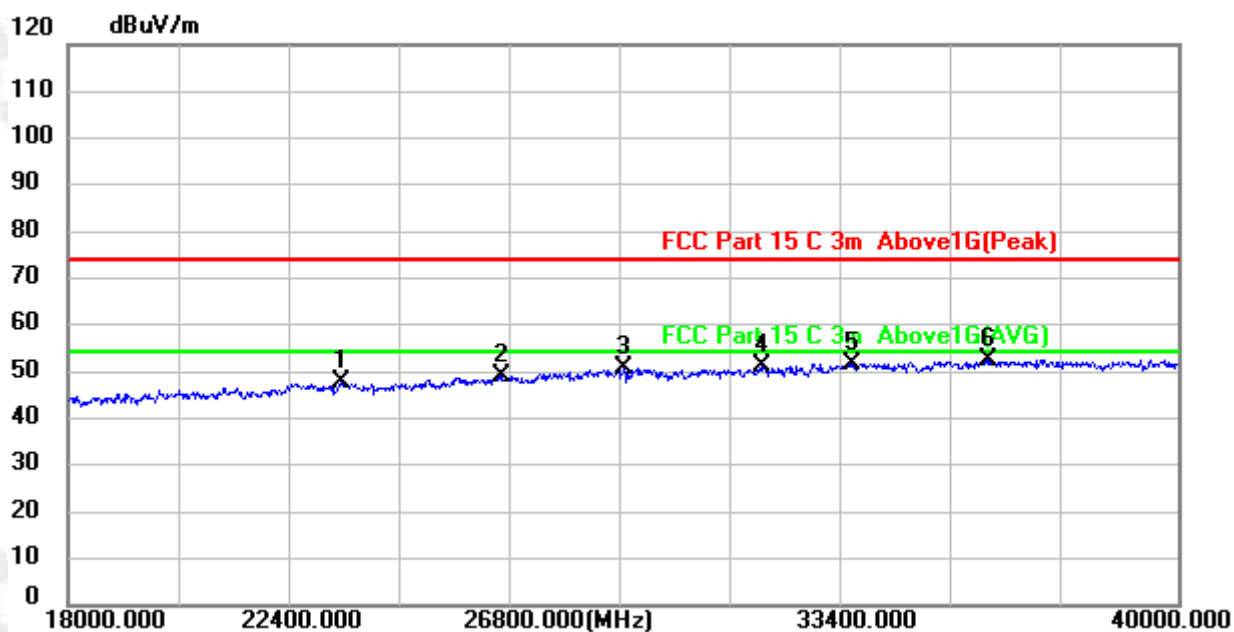
Temperature:	25.5°C	Relative Humidity:	56%
Test Mode:	11n40 5795MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	5484.0580	50.62	-4.53	46.09	74.00	-27.91	peak
2	8957.9710	49.29	1.30	50.59	74.00	-23.41	peak
3	11076.8116	47.37	4.36	51.73	74.00	-22.27	peak
4	13589.8551	44.17	7.82	51.99	74.00	-22.01	peak
5 *	15388.4058	47.68	4.47	52.15	74.00	-21.85	peak
6	17186.9565	39.81	12.17	51.98	74.00	-22.02	peak



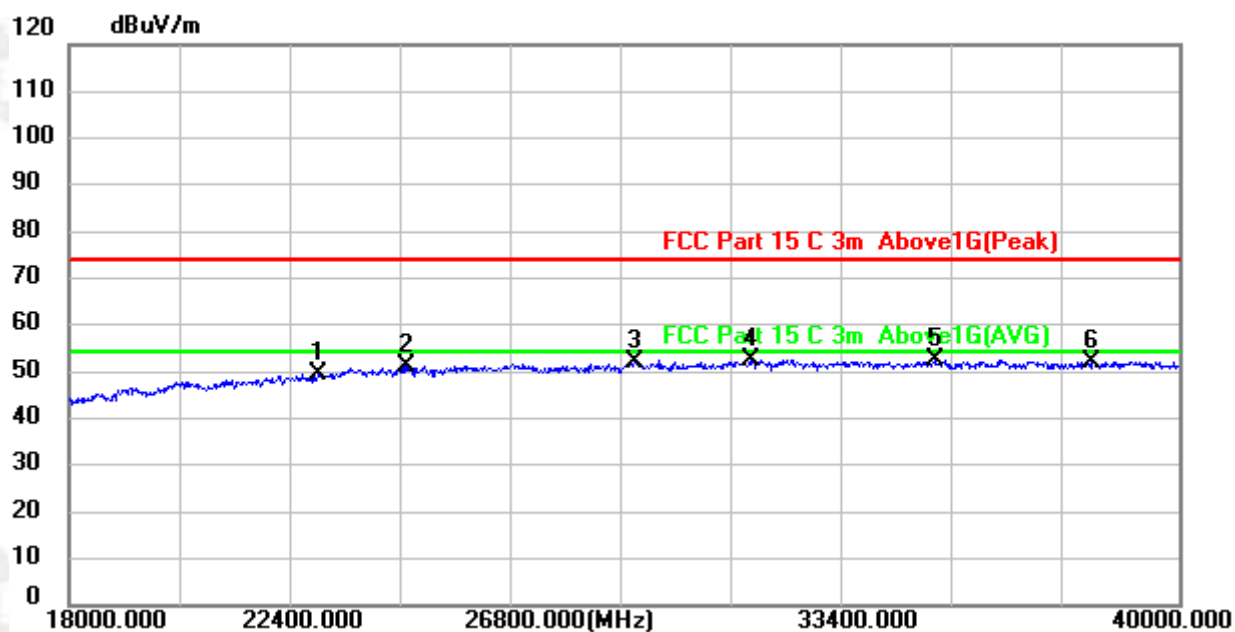
Temperature:	25.5°C	Relative Humidity:	56%
Test Mode:	11n40 5795MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	23412.0000	34.22	13.40	47.62	74.00	-26.38	peak
2	26602.0000	31.38	17.56	48.94	74.00	-25.06	peak
3	29022.0000	31.17	19.53	50.70	74.00	-23.30	peak
4	31772.0000	30.58	20.84	51.42	74.00	-22.58	peak
5	33532.0000	32.18	19.52	51.70	74.00	-22.30	peak
6 *	36238.0000	31.58	20.95	52.53	74.00	-21.47	peak



Temperature:	25.5°C	Relative Humidity:	56%
Test Mode:	11n40 5795MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	22928.0000	38.02	11.63	49.65	74.00	-24.35	peak
2	24710.0000	32.57	18.59	51.16	74.00	-22.84	peak
3	29220.0000	31.86	20.06	51.92	74.00	-22.08	peak
4 *	31508.0000	29.95	22.51	52.46	74.00	-21.54	peak
5	35160.0000	26.68	25.69	52.37	74.00	-21.63	peak
6	38284.0000	28.15	24.04	52.19	74.00	-21.81	peak



Note:

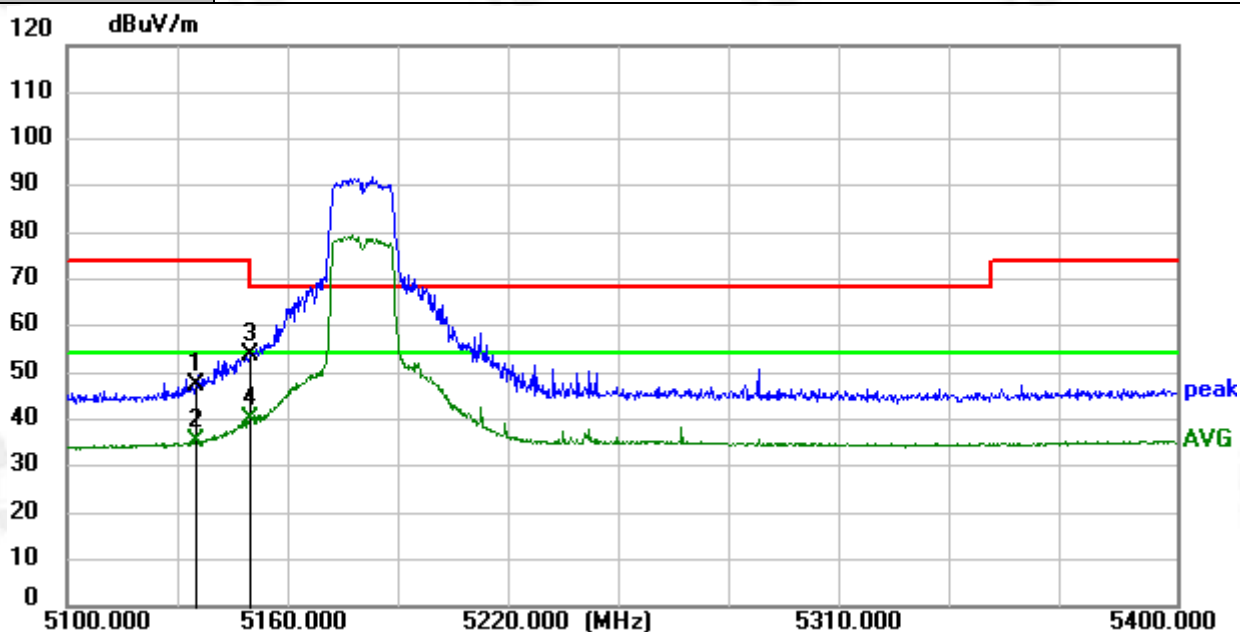
1. All Readings are Peak Value (VBW=3MHz) and AV Value (VBW=10Hz).
2. Emission Level= Antenna Factor + Cable Loss + Read Level - Preamp Factor.
3. All modes have been tested, and only the worst mode 11n40 mode in the report.
4. Because the PK test value was below the AV limit, all AV tests were not conducted.



Restrict Band EMISSION MEASUREMENT

U-NII-1:

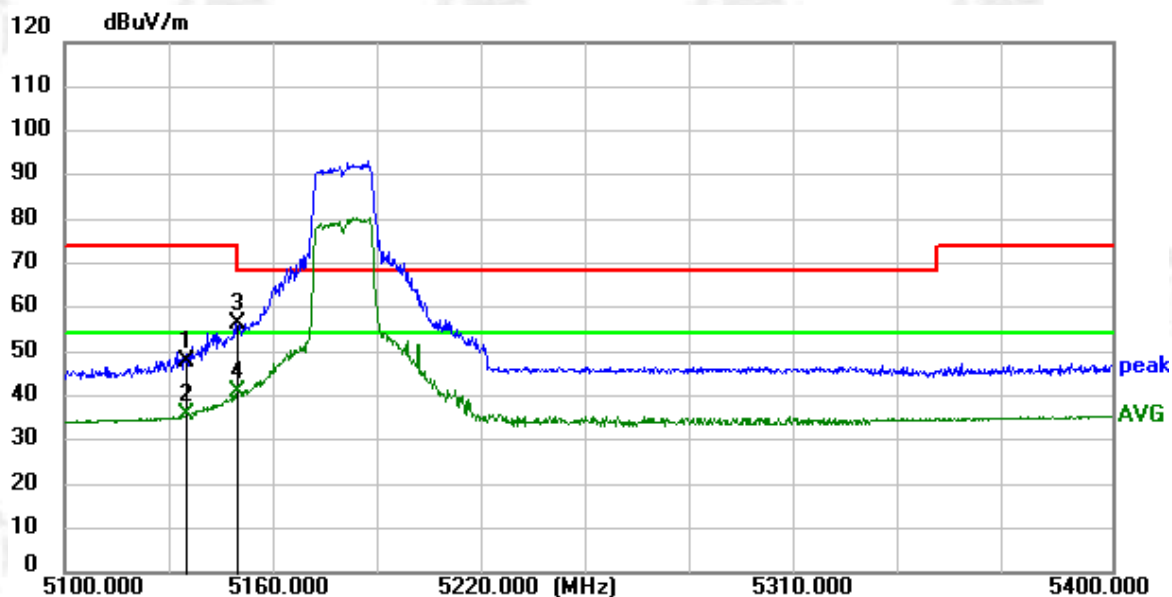
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11a 5180MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	40.83	6.53	47.36	74.00	-26.64	peak
2	5135.0000	28.83	6.53	35.36	54.00	-18.64	AVG
3	5150.0000	46.96	6.65	53.61	68.20	-14.59	peak
4 *	5150.0000	33.29	6.65	39.94	54.00	-14.06	AVG



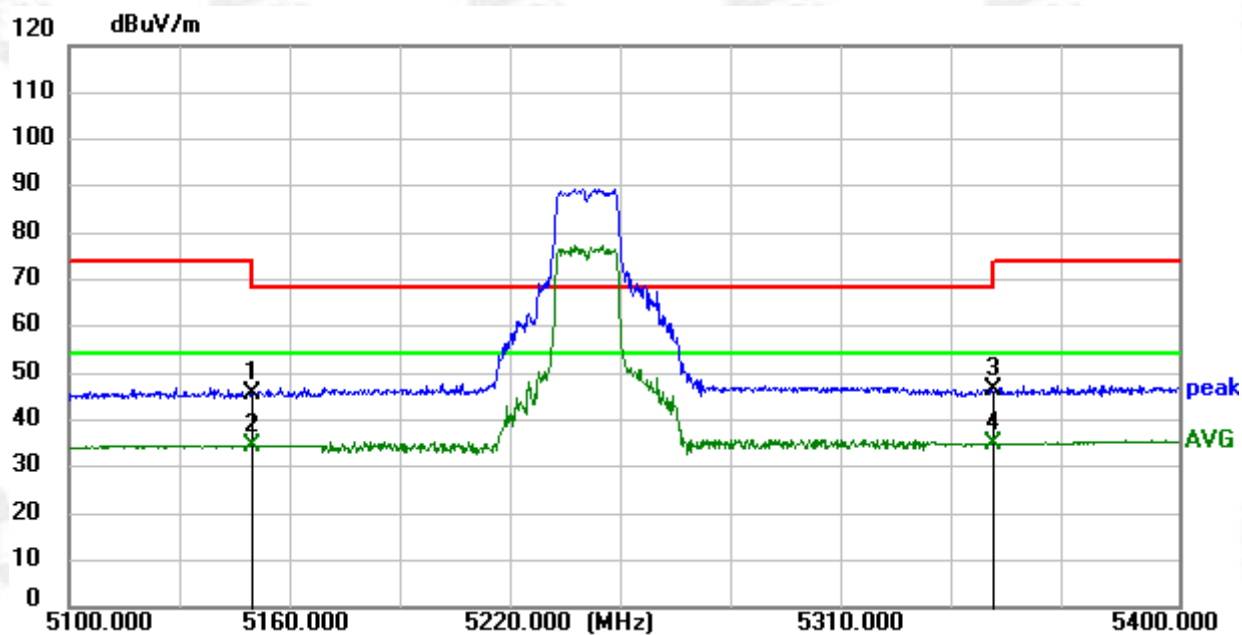
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11a 5180MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	41.34	6.53	47.87	74.00	-26.13	peak
2	5135.0000	29.23	6.53	35.76	54.00	-18.24	AVG
3 *	5150.0000	49.68	6.65	56.33	68.20	-11.87	peak
4	5150.0000	34.24	6.65	40.89	54.00	-13.11	AVG



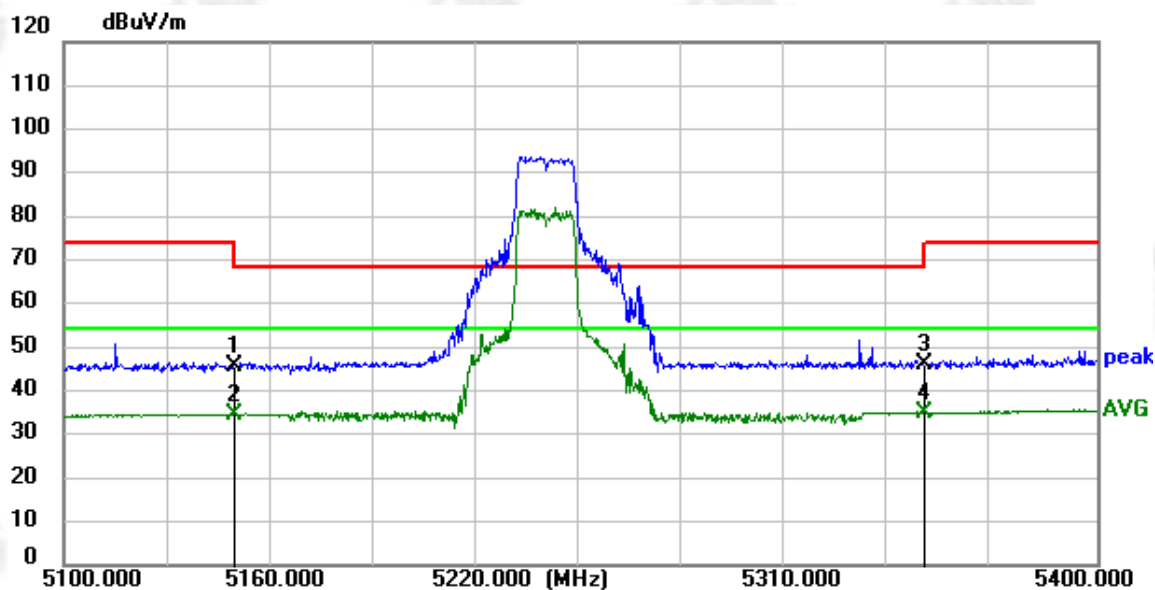
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11a 5240MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.98	6.65	45.63	68.20	-22.57	peak
2	5150.0000	27.79	6.65	34.44	54.00	-19.56	AVG
3	5350.0000	39.75	6.78	46.53	68.20	-21.67	peak
4 *	5350.0000	28.23	6.78	35.01	54.00	-18.99	AVG



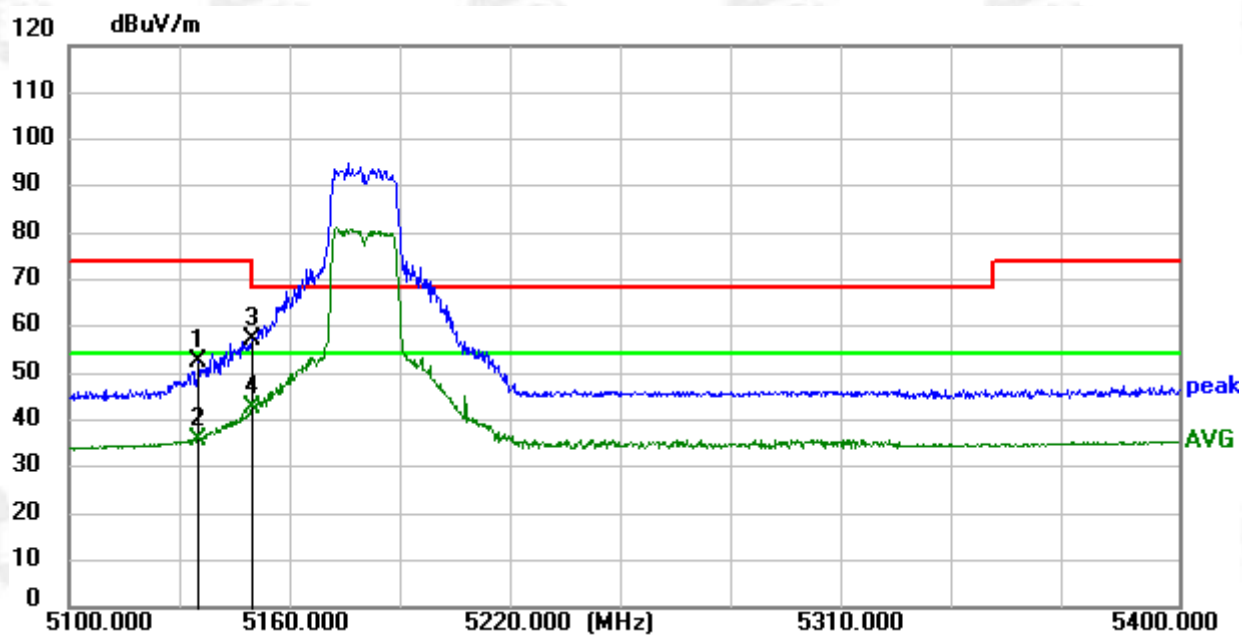
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11a 5240MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.87	6.65	45.52	68.20	-22.68	peak
2	5150.0000	27.80	6.65	34.45	54.00	-19.55	AVG
3	5350.0000	39.46	6.78	46.24	68.20	-21.96	peak
4 *	5350.0000	28.04	6.78	34.82	54.00	-19.18	AVG



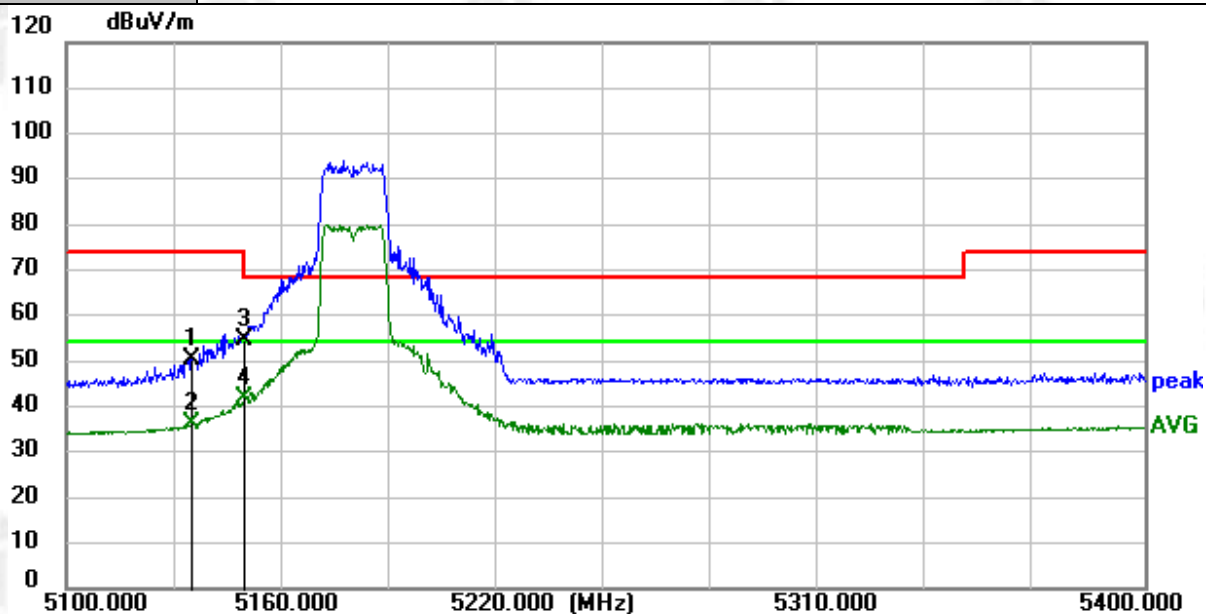
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n20 5180MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	45.90	6.53	52.43	74.00	-21.57	peak
2	5135.0000	29.15	6.53	35.68	54.00	-18.32	AVG
3 *	5150.0000	50.48	6.65	57.13	68.20	-11.07	peak
4	5150.0000	35.99	6.65	42.64	54.00	-11.36	AVG



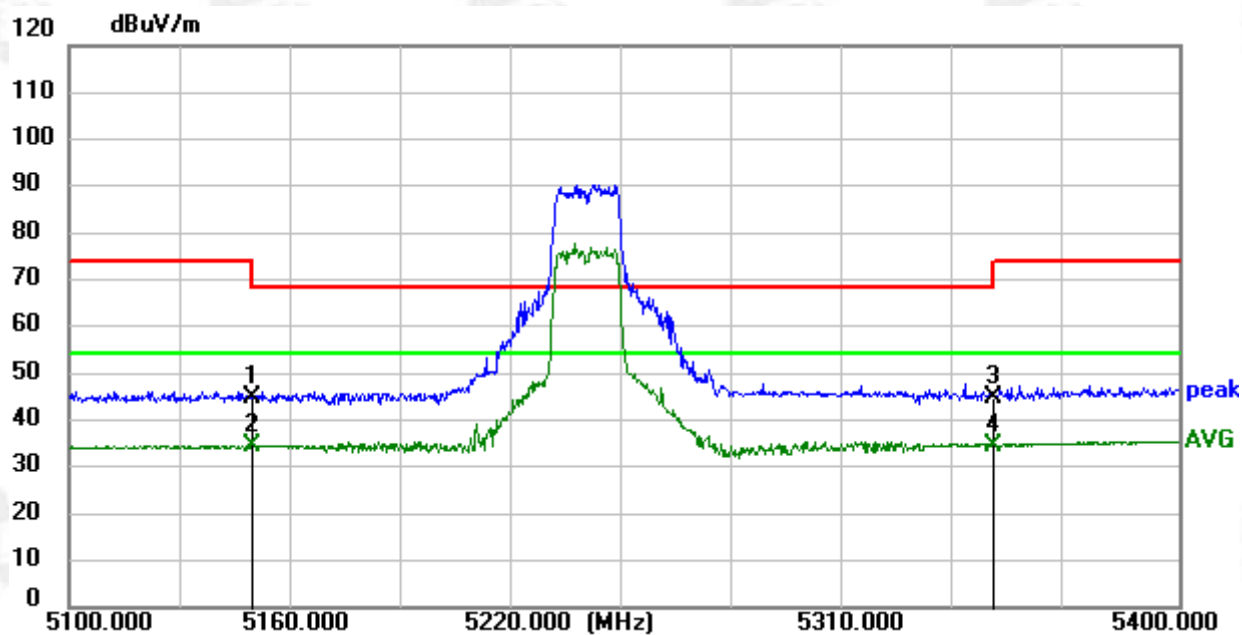
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n20 5180MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	43.93	6.53	50.46	74.00	-23.54	peak
2	5135.0000	29.53	6.53	36.06	54.00	-17.94	AVG
3	5150.0000	48.06	6.65	54.71	68.20	-13.49	peak
4 *	5150.0000	35.14	6.65	41.79	54.00	-12.21	AVG



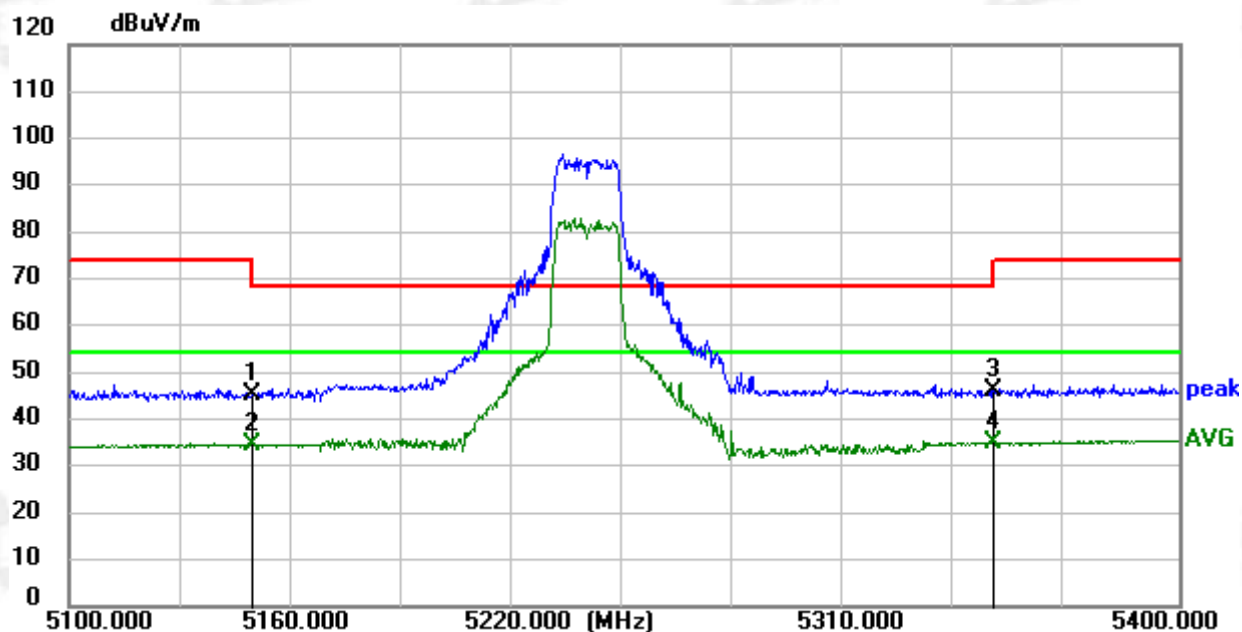
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n20 5180MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.22	6.65	44.87	68.20	-23.33	peak
2	5150.0000	27.83	6.65	34.48	54.00	-19.52	AVG
3	5350.0000	38.21	6.78	44.99	68.20	-23.21	peak
4 *	5350.0000	27.79	6.78	34.57	54.00	-19.43	AVG



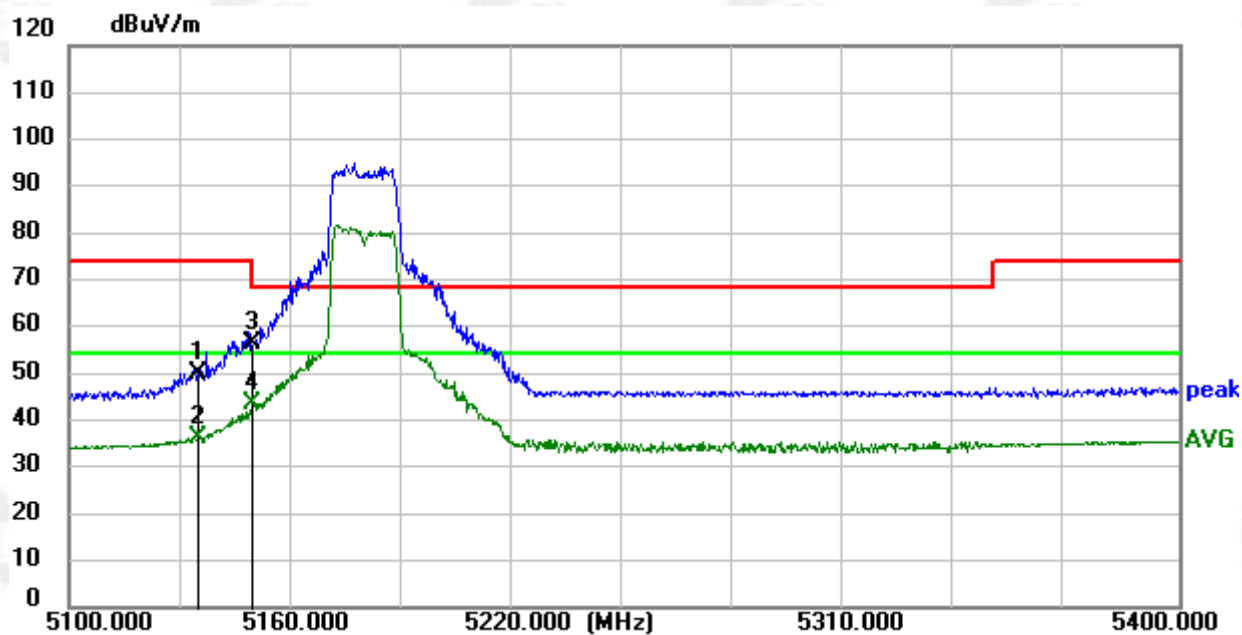
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n20 5825MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.56	6.65	45.21	68.20	-22.99	peak
2	5150.0000	27.99	6.65	34.64	54.00	-19.36	AVG
3	5350.0000	39.25	6.78	46.03	68.20	-22.17	peak
4 *	5350.0000	28.15	6.78	34.93	54.00	-19.07	AVG



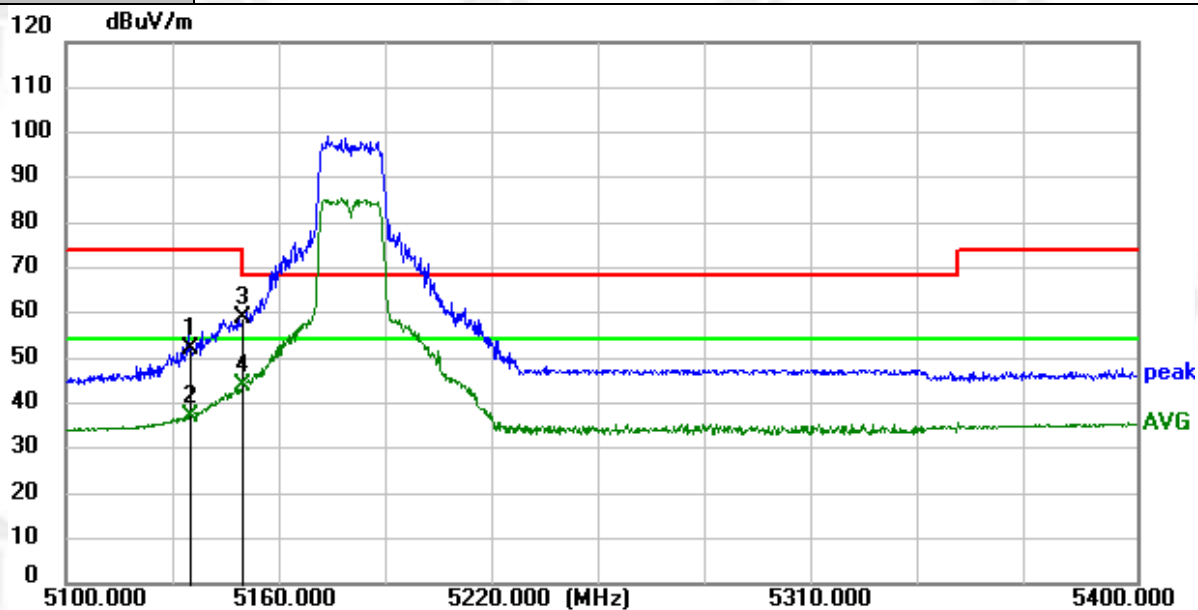
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac20 5180MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	43.51	6.53	50.04	74.00	-23.96	peak
2	5135.0000	29.67	6.53	36.20	54.00	-17.80	AVG
3	5150.0000	49.61	6.65	56.26	68.20	-11.94	peak
4 *	5150.0000	36.93	6.65	43.58	54.00	-10.42	AVG



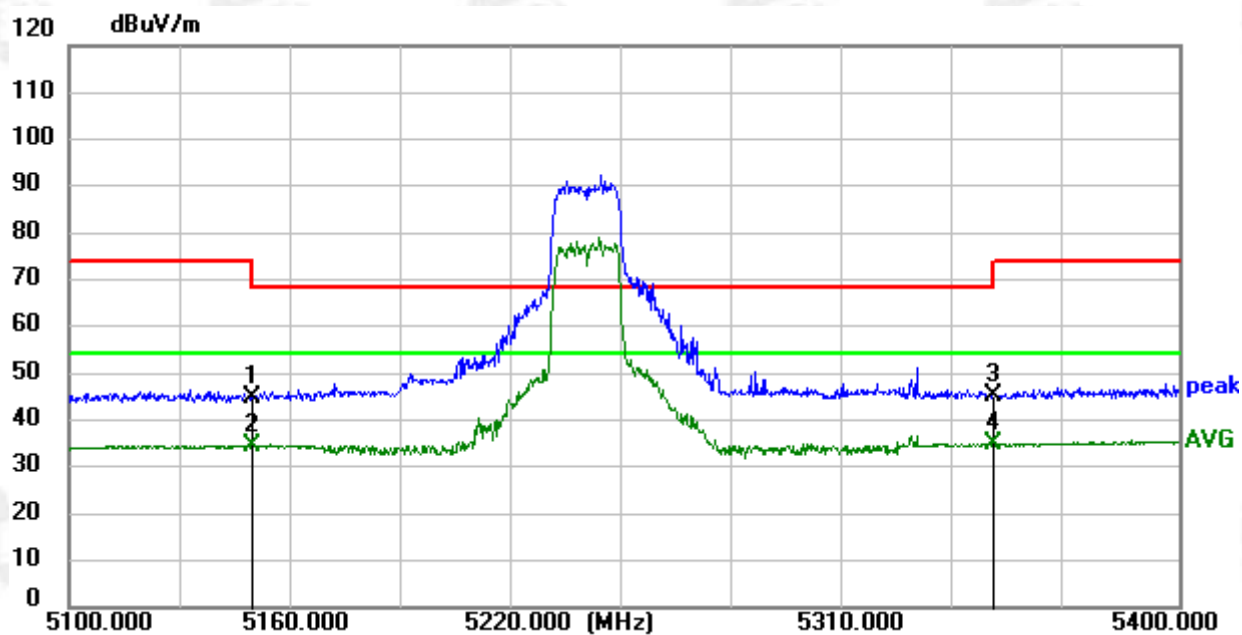
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac20 5180MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	45.64	6.53	52.17	74.00	-21.83	peak
2	5135.0000	30.49	6.53	37.02	54.00	-16.98	AVG
3 *	5150.0000	52.11	6.65	58.76	68.20	-9.44	peak
4	5150.0000	37.27	6.65	43.92	54.00	-10.08	AVG



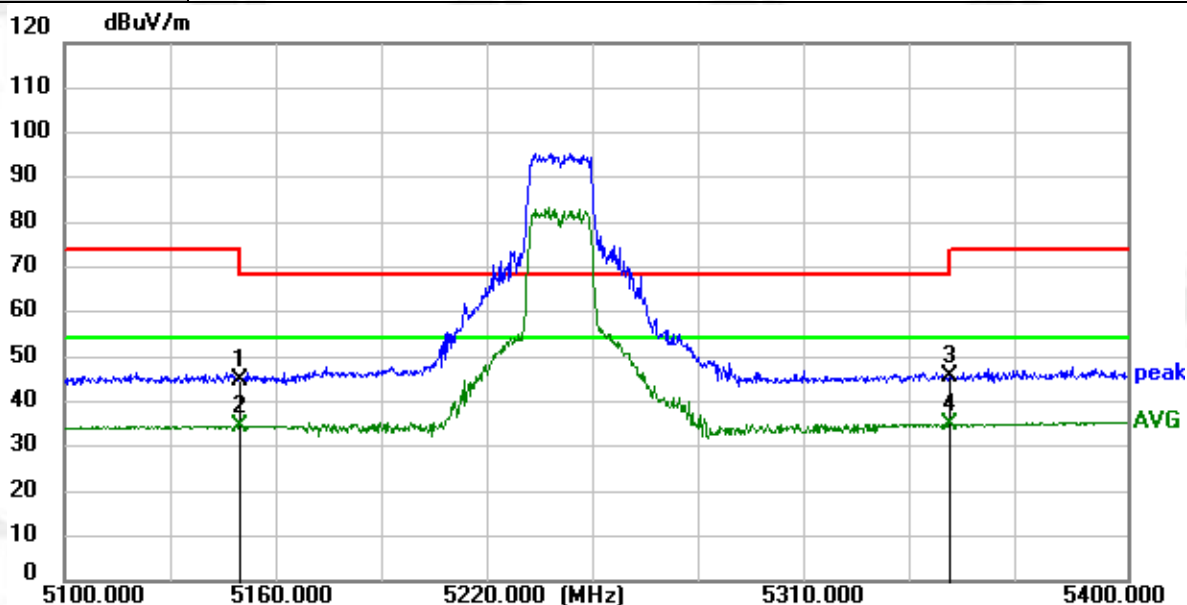
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac20 5240MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.04	6.65	44.69	68.20	-23.51	peak
2	5150.0000	27.83	6.65	34.48	54.00	-19.52	AVG
3	5350.0000	38.52	6.78	45.30	68.20	-22.90	peak
4 *	5350.0000	28.11	6.78	34.89	54.00	-19.11	AVG



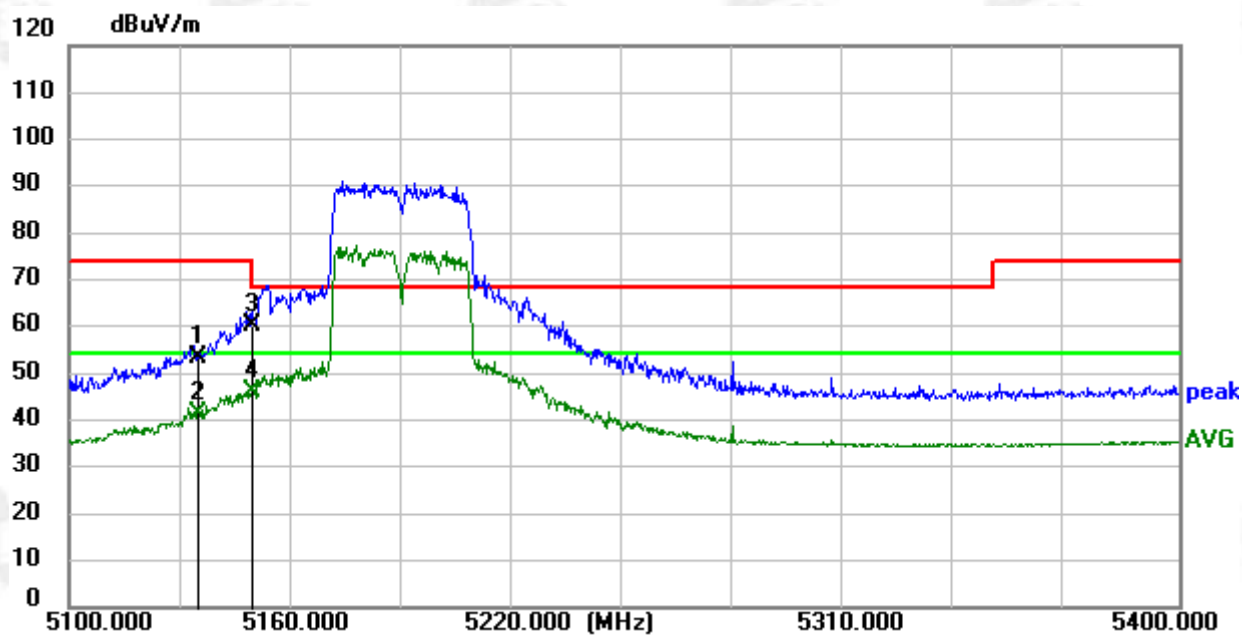
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac20 5825MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	38.10	6.65	44.75	68.20	-23.45	peak
2	5150.0000	27.69	6.65	34.34	54.00	-19.66	AVG
3	5350.0000	38.66	6.78	45.44	68.20	-22.76	peak
4 *	5350.0000	28.14	6.78	34.92	54.00	-19.08	AVG



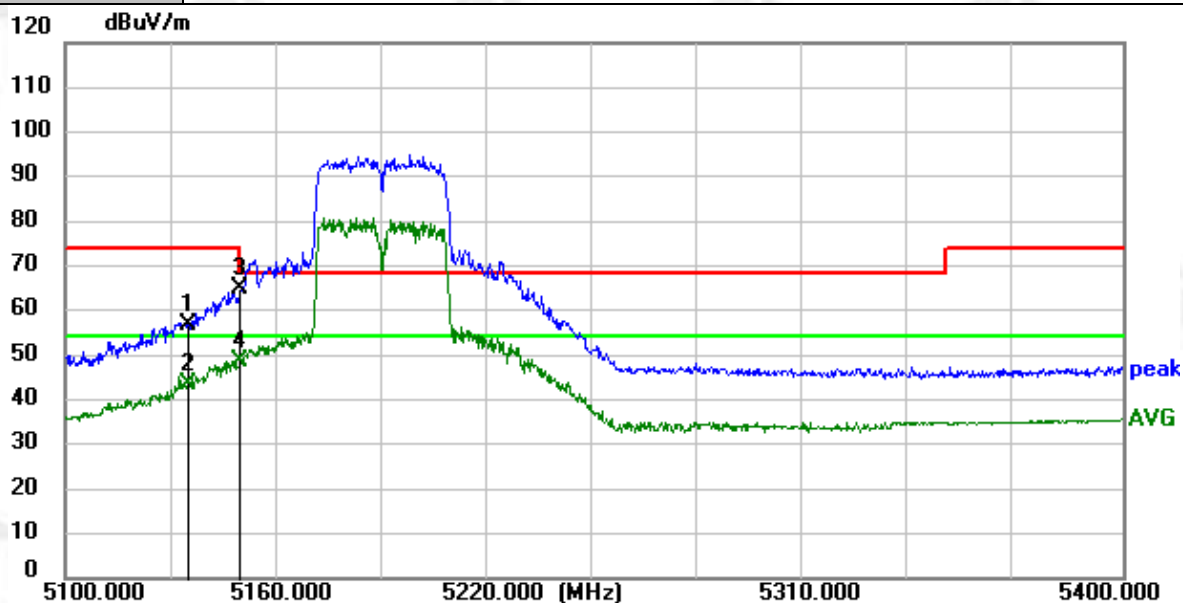
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n40 5190MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	46.63	6.53	53.16	74.00	-20.84	peak
2	5135.0000	34.73	6.53	41.26	54.00	-12.74	AVG
3	5150.0000	53.61	6.65	60.26	68.20	-7.94	peak
4 *	5150.0000	39.43	6.65	46.08	54.00	-7.92	AVG



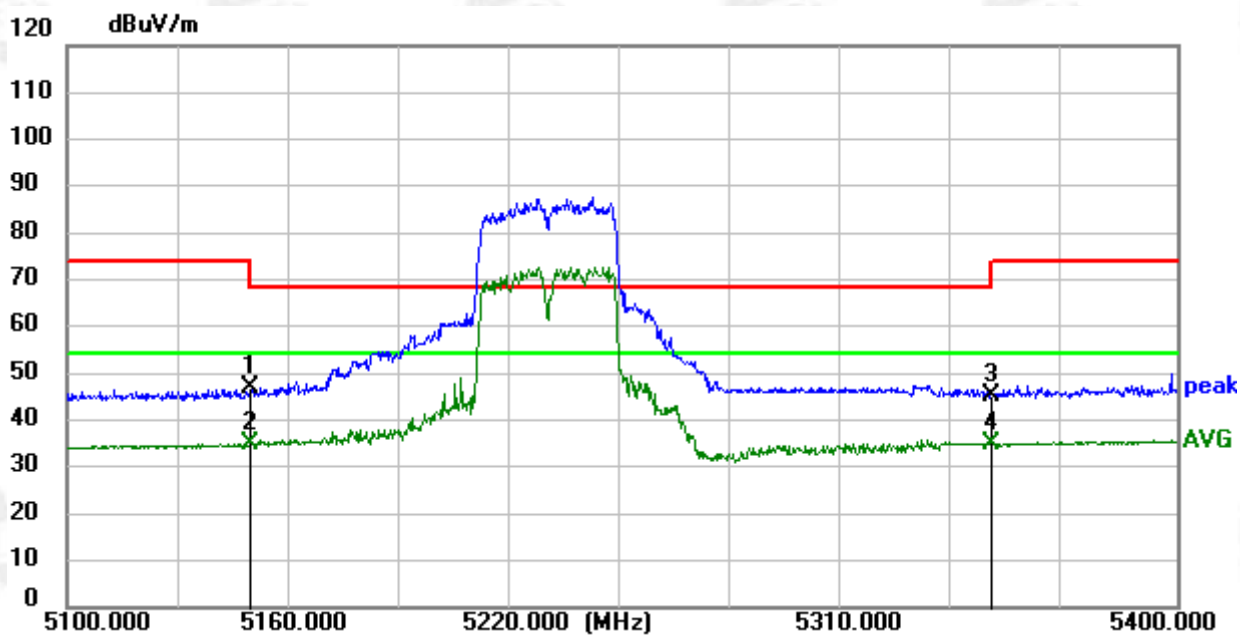
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n40 5190MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	50.26	6.53	56.79	74.00	-17.21	peak
2	5135.0000	37.01	6.53	43.54	54.00	-10.46	AVG
3 *	5150.0000	58.49	6.65	65.14	68.20	-3.06	peak
4	5150.0000	41.95	6.65	48.60	54.00	-5.40	AVG



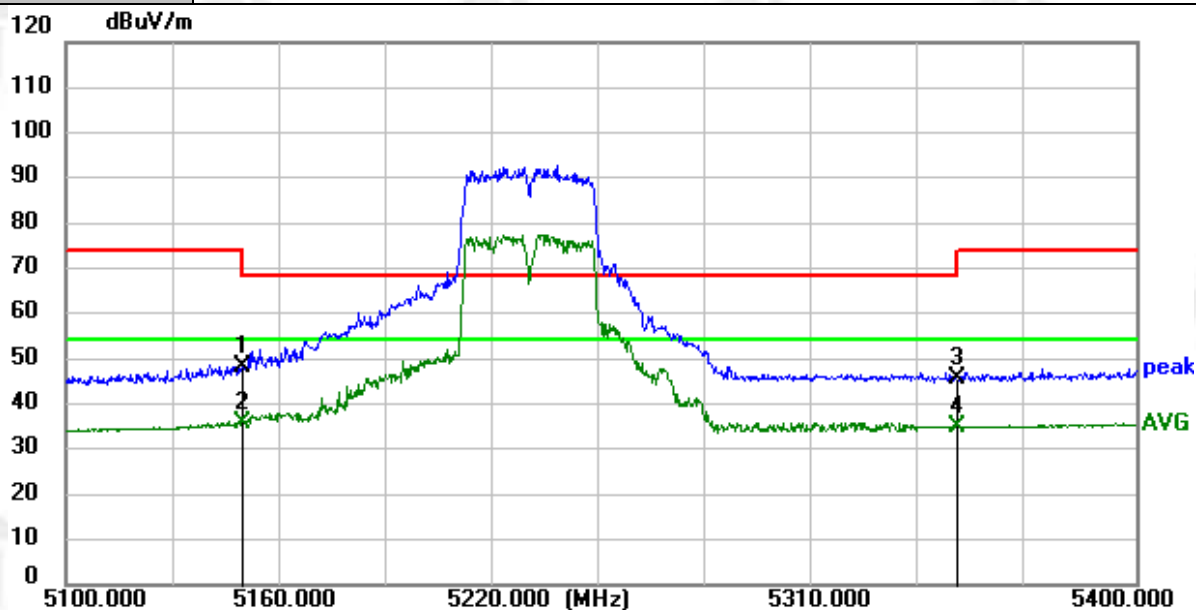
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n40 5230MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	40.40	6.65	47.05	68.20	-21.15	peak
2 *	5150.0000	28.27	6.65	34.92	54.00	-19.08	AVG
3	5350.0000	38.28	6.78	45.06	68.20	-23.14	peak
4	5350.0000	28.14	6.78	34.92	54.00	-19.08	AVG



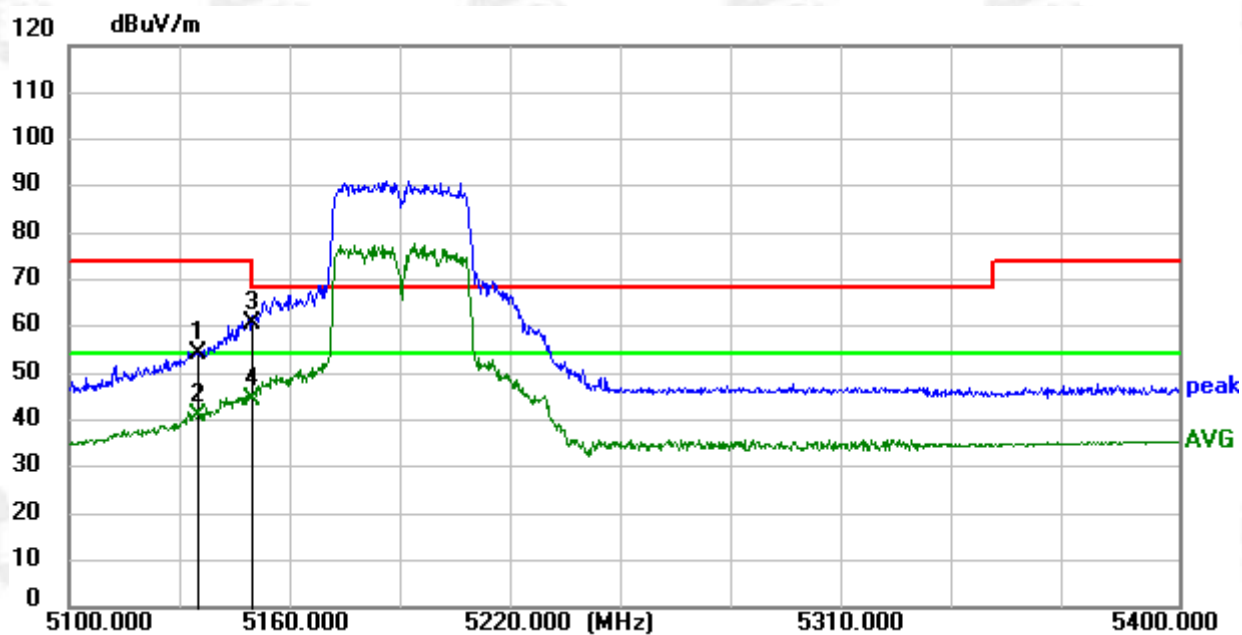
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11n40 5230MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	41.74	6.65	48.39	68.20	-19.81	peak
2 *	5150.0000	29.26	6.65	35.91	54.00	-18.09	AVG
3	5350.0000	38.85	6.78	45.63	68.20	-22.57	peak
4	5350.0000	28.05	6.78	34.83	54.00	-19.17	AVG



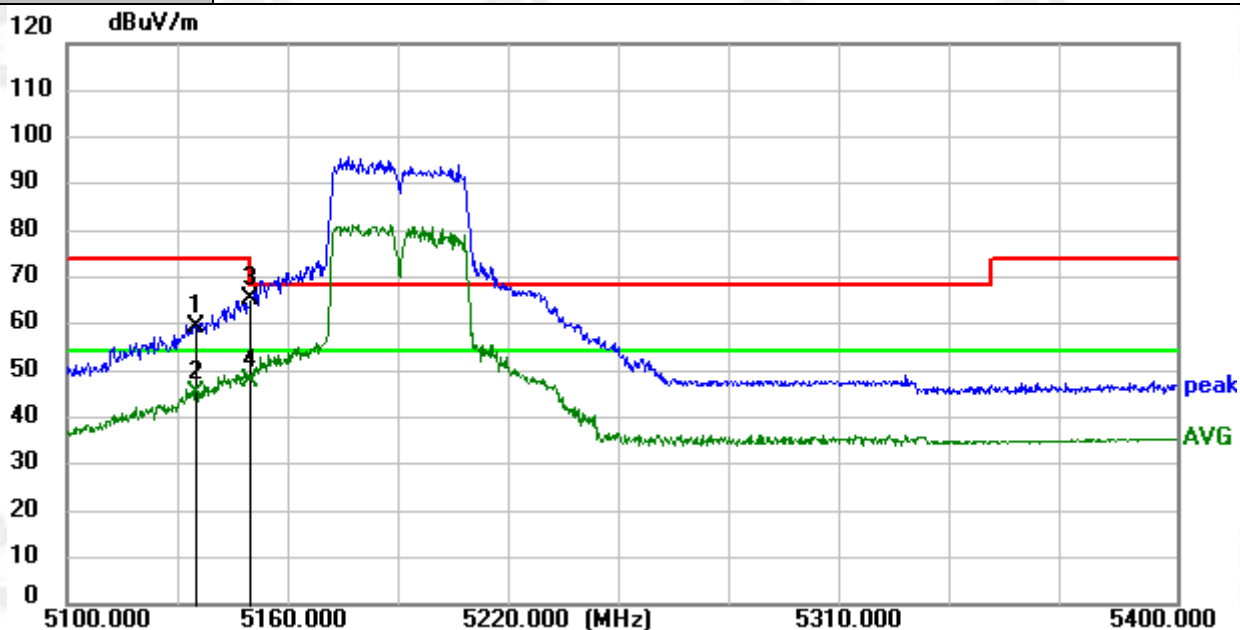
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac40 5190MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	47.86	6.53	54.39	74.00	-19.61	peak
2	5135.0000	34.28	6.53	40.81	54.00	-13.19	AVG
3 *	5150.0000	53.80	6.65	60.45	68.20	-7.75	peak
4	5150.0000	37.89	6.65	44.54	54.00	-9.46	AVG



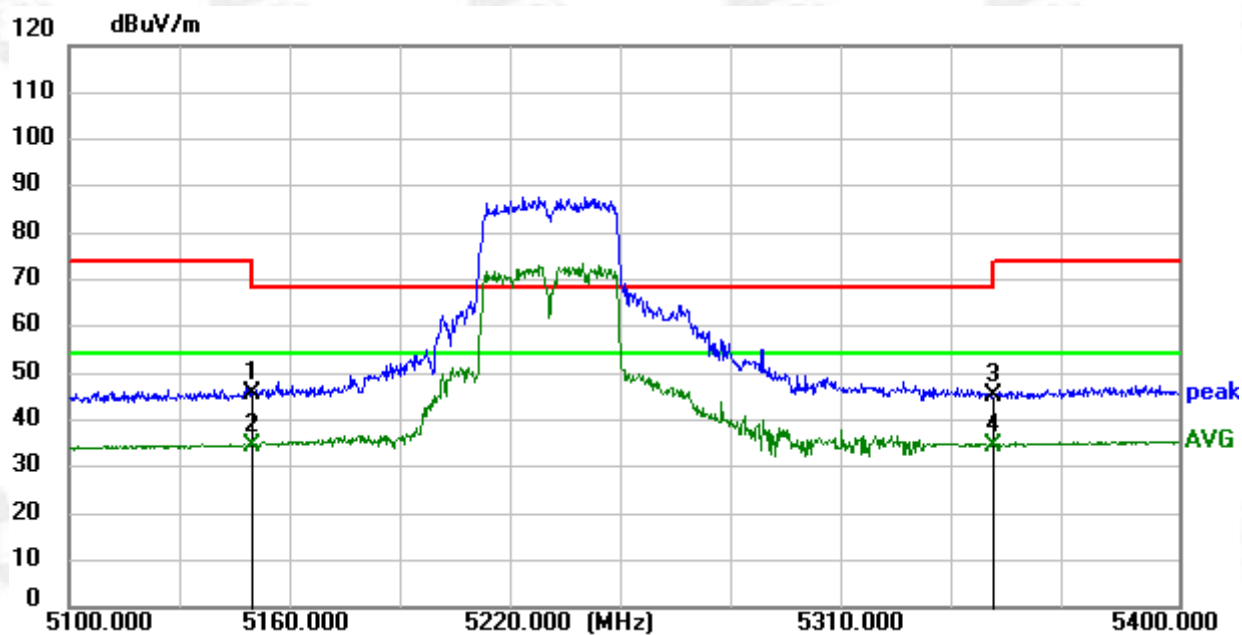
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac40 5190MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5135.0000	52.67	6.53	59.20	74.00	-14.80	peak
2	5135.0000	38.77	6.53	45.30	54.00	-8.70	AVG
3 *	5150.0000	58.55	6.65	65.20	68.20	-3.00	peak
4	5150.0000	40.98	6.65	47.63	54.00	-6.37	AVG



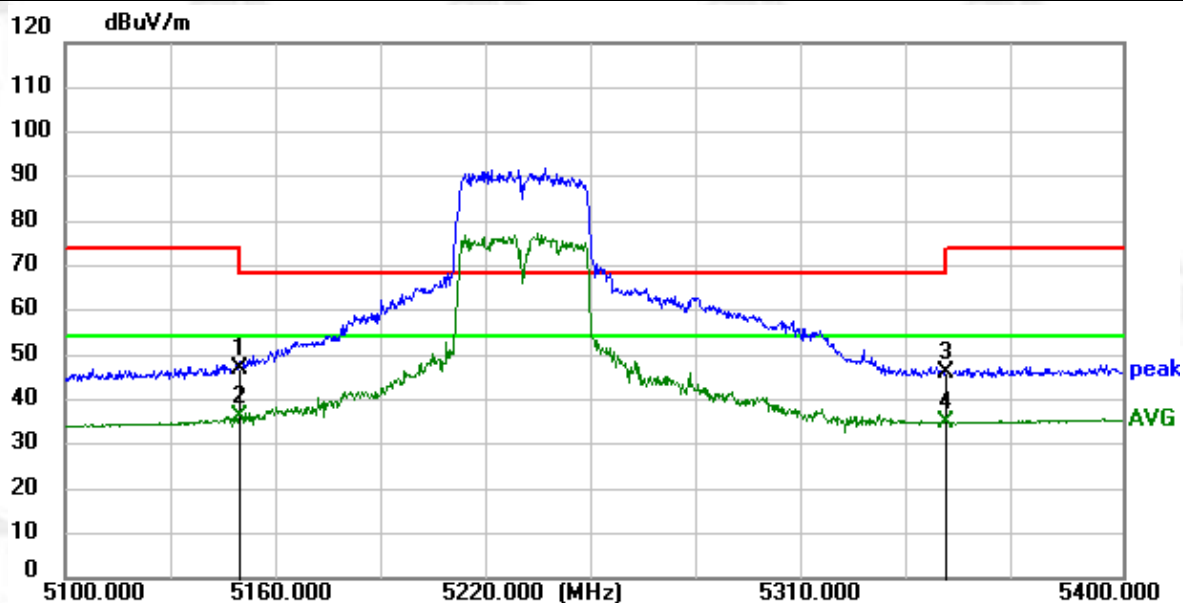
Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac40 5230MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	39.12	6.65	45.77	68.20	-22.43	peak
2 *	5150.0000	28.02	6.65	34.67	54.00	-19.33	AVG
3	5350.0000	38.35	6.78	45.13	68.20	-23.07	peak
4	5350.0000	27.86	6.78	34.64	54.00	-19.36	AVG



Temperature:	25.4°C	Relative Humidity:	54%
Test Mode:	11ac40 5795MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		

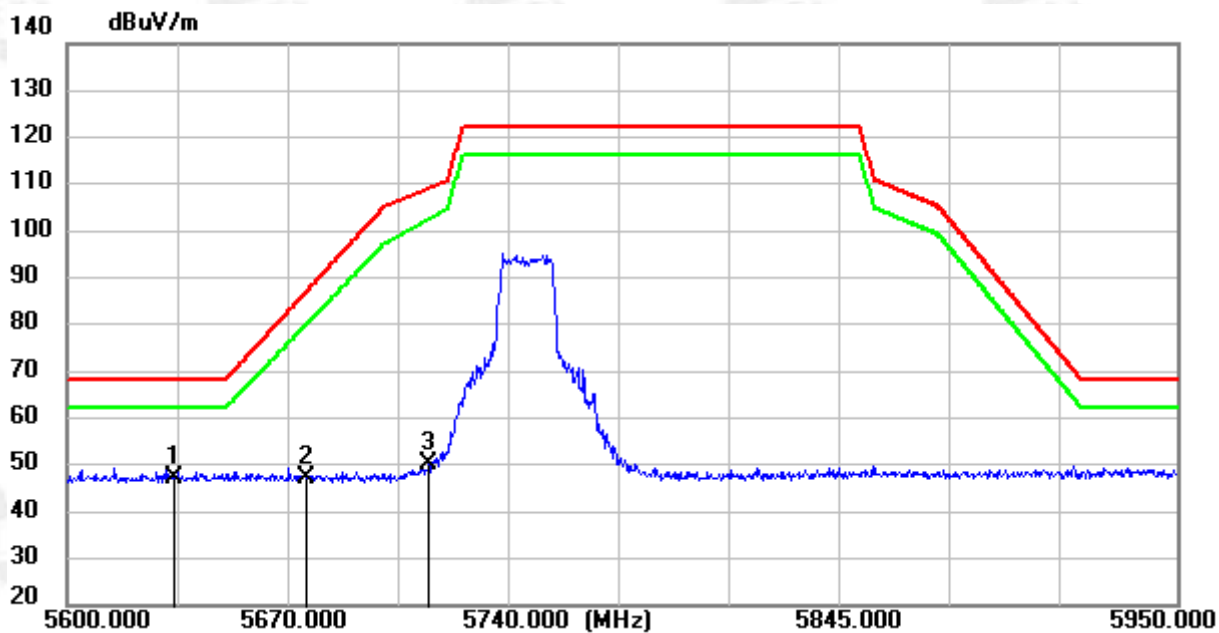


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.0000	40.33	6.65	46.98	68.20	-21.22	peak
2 *	5150.0000	29.68	6.65	36.33	54.00	-17.67	AVG
3	5350.0000	39.37	6.78	46.15	68.20	-22.05	peak
4	5350.0000	28.03	6.78	34.81	54.00	-19.19	AVG



U-NII-3:

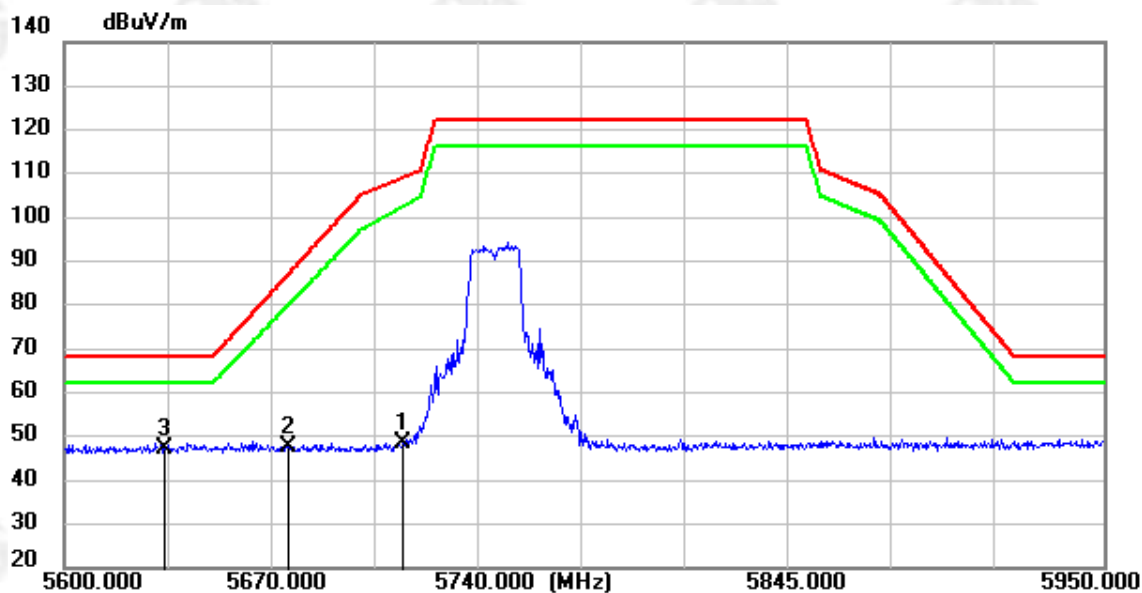
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11a 5745MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.86	8.27	47.13	68.20	-21.07	peak
2	5675.2500	38.71	8.31	47.02	86.93	-39.91	peak
3	5714.1000	41.95	8.37	50.32	109.15	-58.83	peak



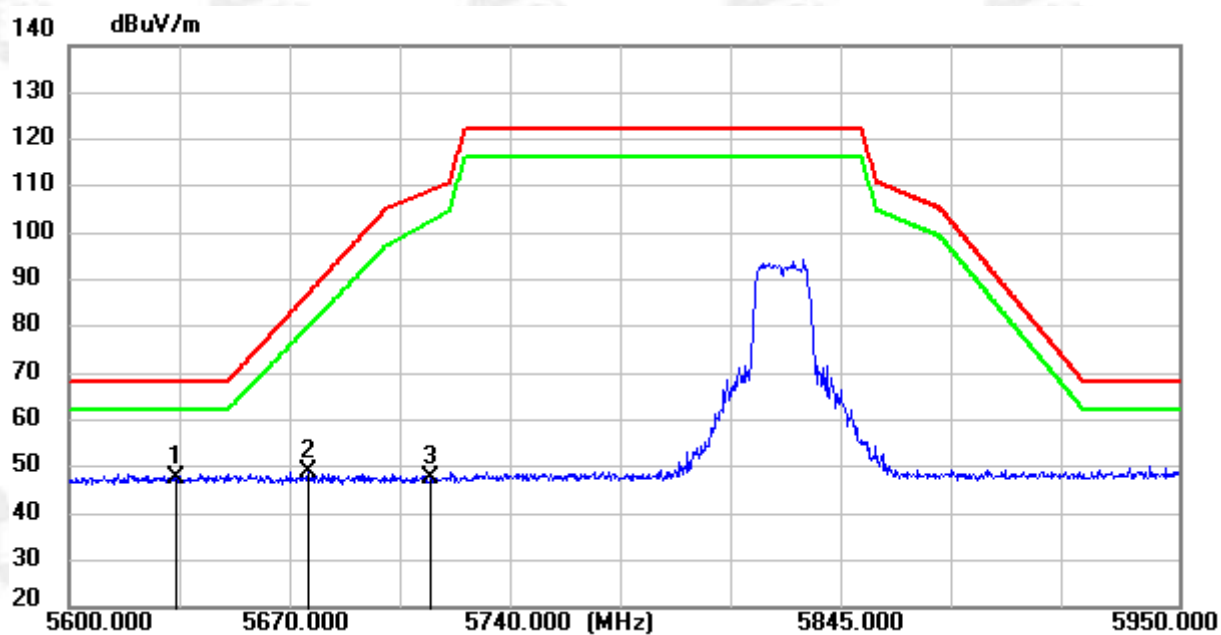
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11a 5745MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5714.1000	39.97	8.37	48.34	109.15	-60.81	peak
2	5675.2500	39.53	8.31	47.84	86.93	-39.09	peak
3 *	5633.6000	38.79	8.27	47.06	68.20	-21.14	peak



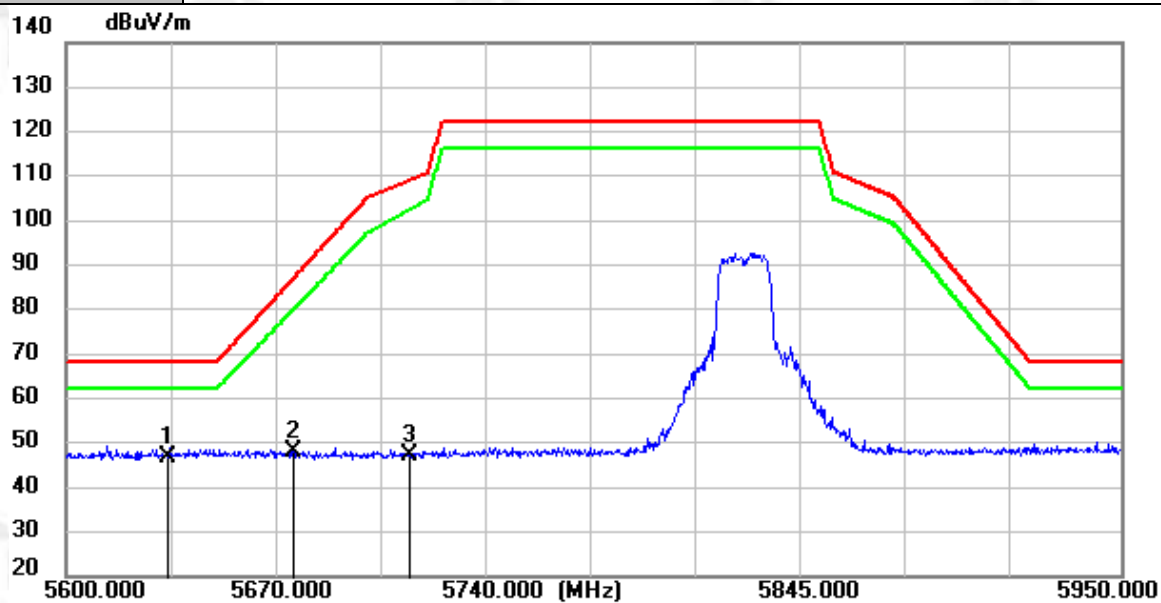
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11a 5825MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.35	8.27	47.62	68.20	-20.58	peak
2	5675.2500	40.67	8.31	48.98	86.93	-37.95	peak
3	5714.1000	39.34	8.37	47.71	109.15	-61.44	peak



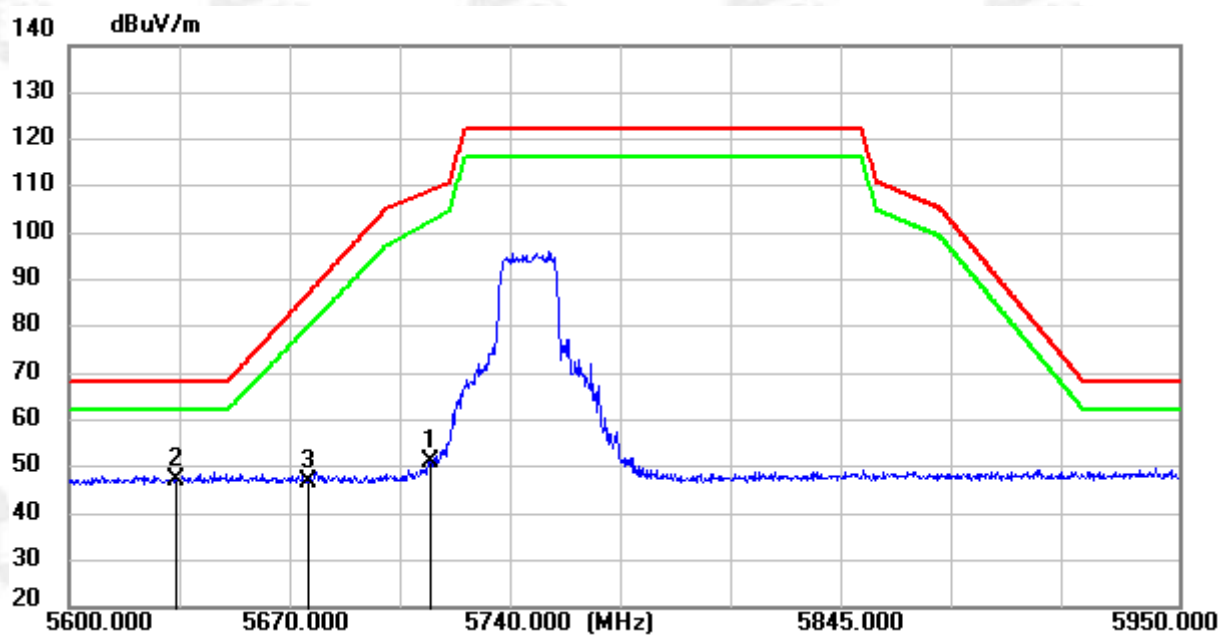
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11a 5825MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.55	8.27	46.82	68.20	-21.38	peak
2	5675.2500	39.62	8.31	47.93	86.93	-39.00	peak
3	5714.1000	38.81	8.37	47.18	109.15	-61.97	peak



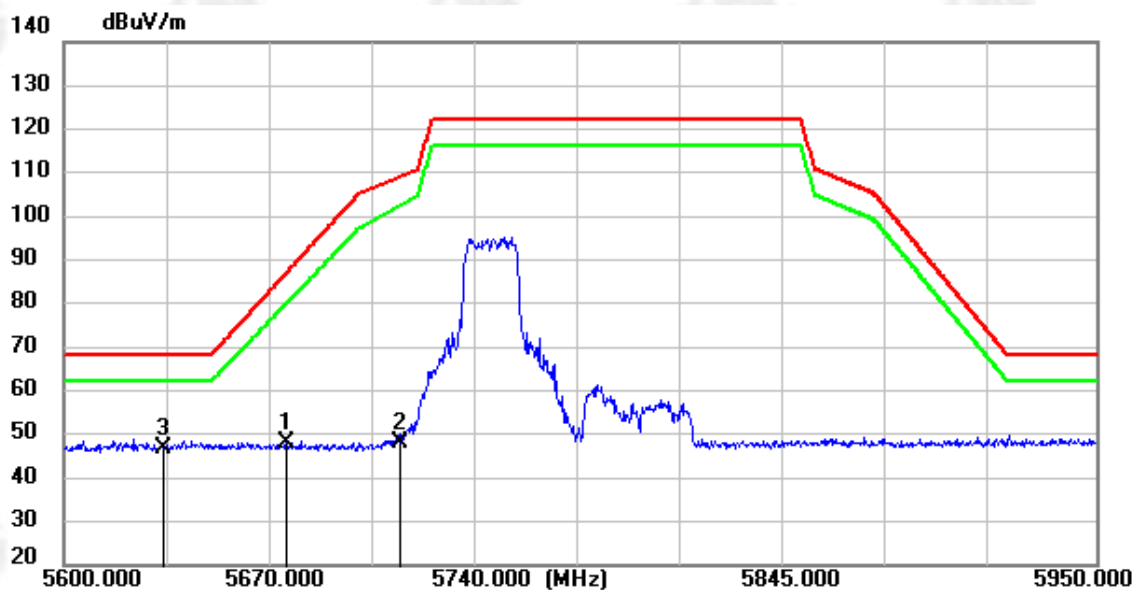
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n20 5745MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5714.1000	42.83	8.37	51.20	109.15	-57.95	peak
2 *	5633.6000	38.93	8.27	47.20	68.20	-21.00	peak
3	5675.2500	38.59	8.31	46.90	86.93	-40.03	peak



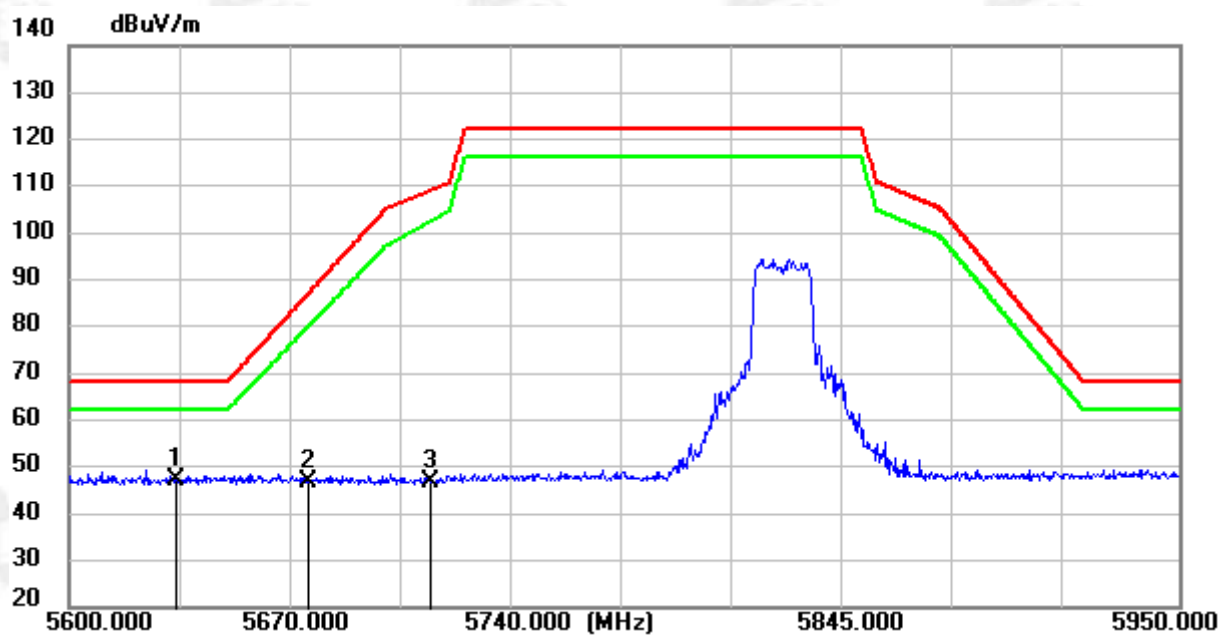
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n20 5745MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5675.2500	39.80	8.31	48.11	86.93	-38.82	peak
2	5714.1000	39.86	8.37	48.23	109.15	-60.92	peak
3 *	5633.6000	38.72	8.27	46.99	68.20	-21.21	peak



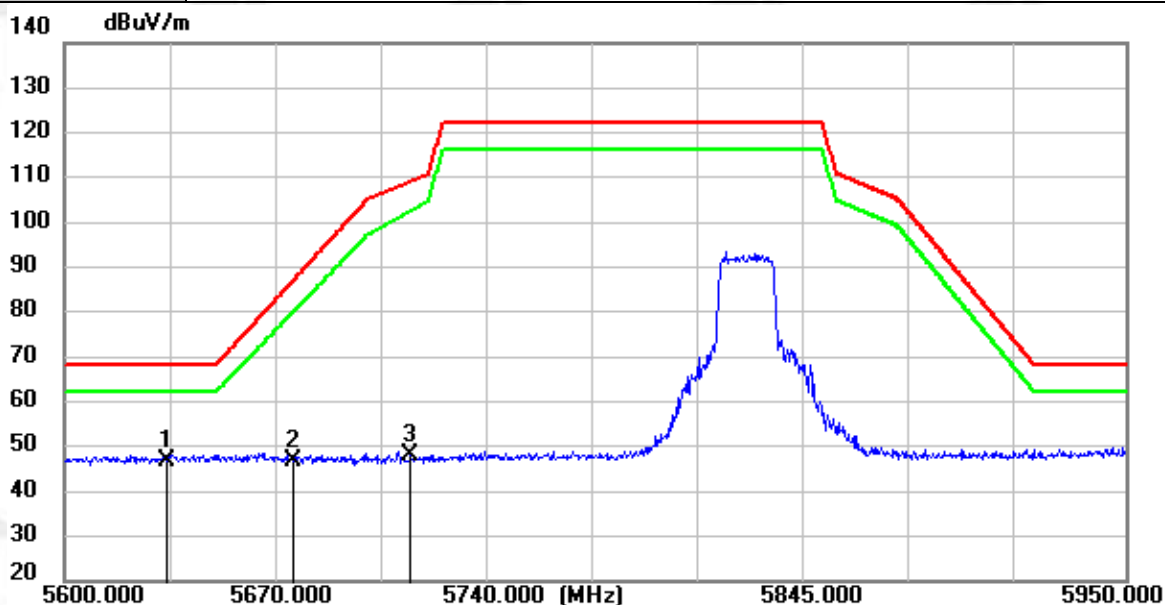
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n20 5825MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.09	8.27	47.36	68.20	-20.84	peak
2	5675.2500	38.31	8.31	46.62	86.93	-40.31	peak
3	5714.1000	38.56	8.37	46.93	109.15	-62.22	peak



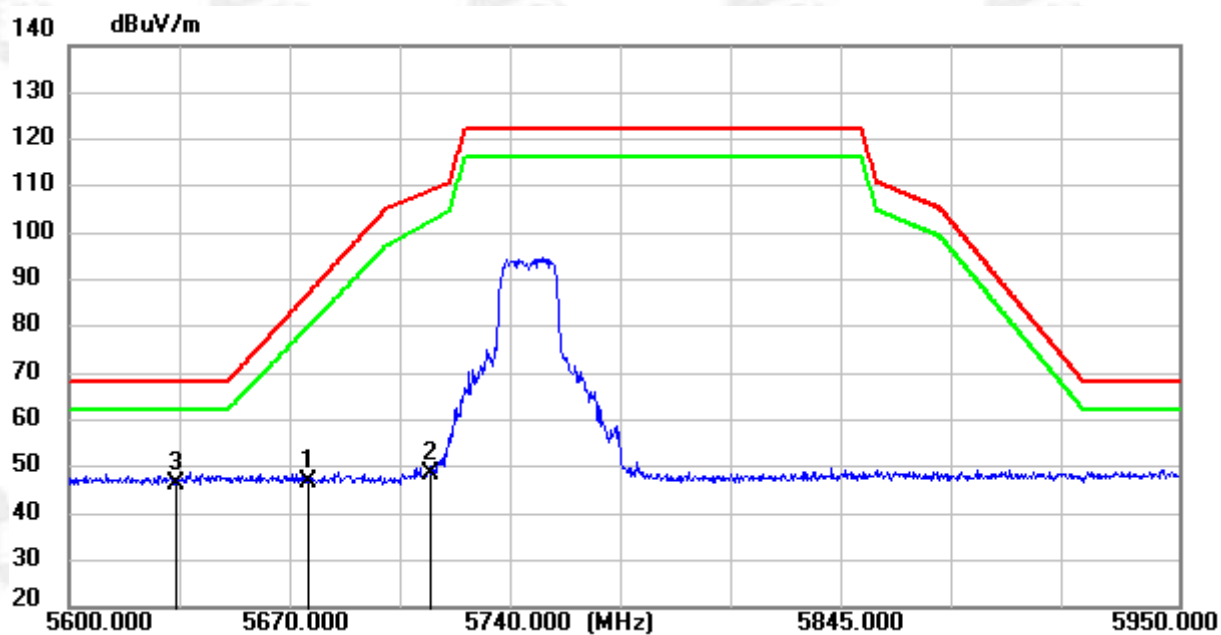
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n20 5825MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.65	8.27	46.92	68.20	-21.28	peak
2	5675.2500	38.65	8.31	46.96	86.93	-39.97	peak
3	5714.1000	39.69	8.37	48.06	109.15	-61.09	peak



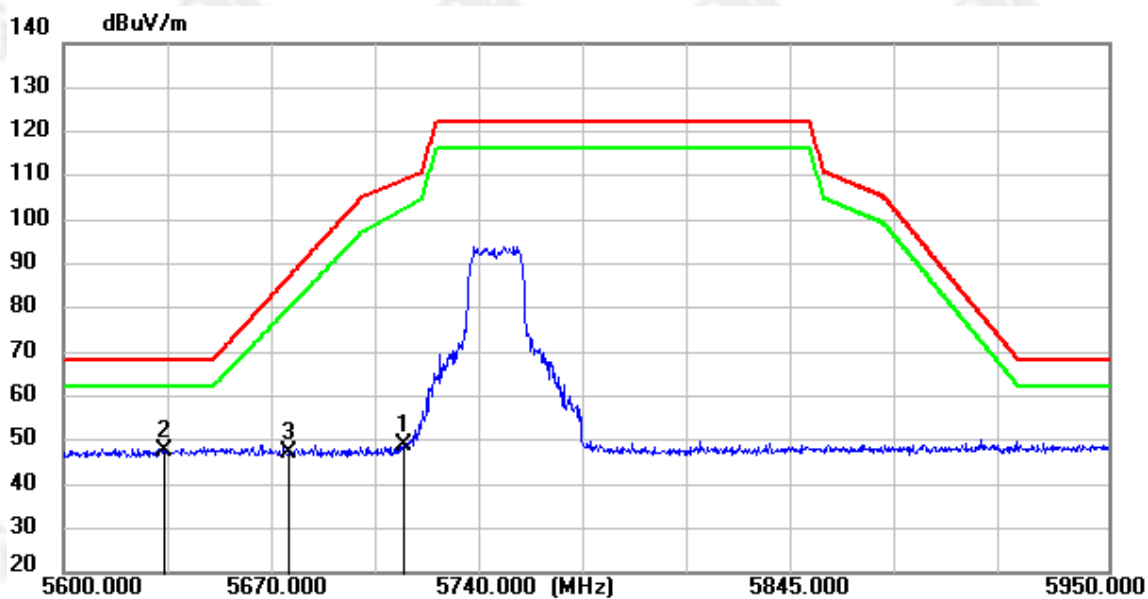
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac20 5745MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5675.2500	38.41	8.31	46.72	86.93	-40.21	peak
2	5714.1000	40.20	8.37	48.57	109.15	-60.58	peak
3 *	5633.6000	38.28	8.27	46.55	68.20	-21.65	peak



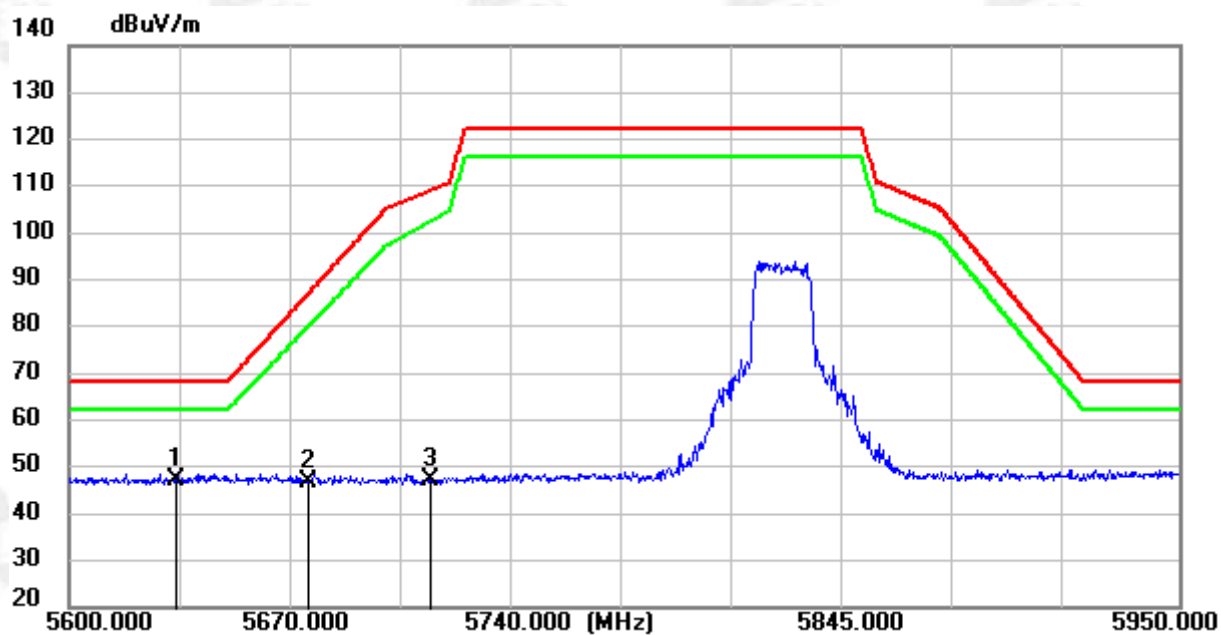
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac20 5745MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5714.1000	40.46	8.37	48.83	109.15	-60.32	peak
2 *	5633.6000	39.54	8.27	47.81	68.20	-20.39	peak
3	5675.2500	39.03	8.31	47.34	86.93	-39.59	peak



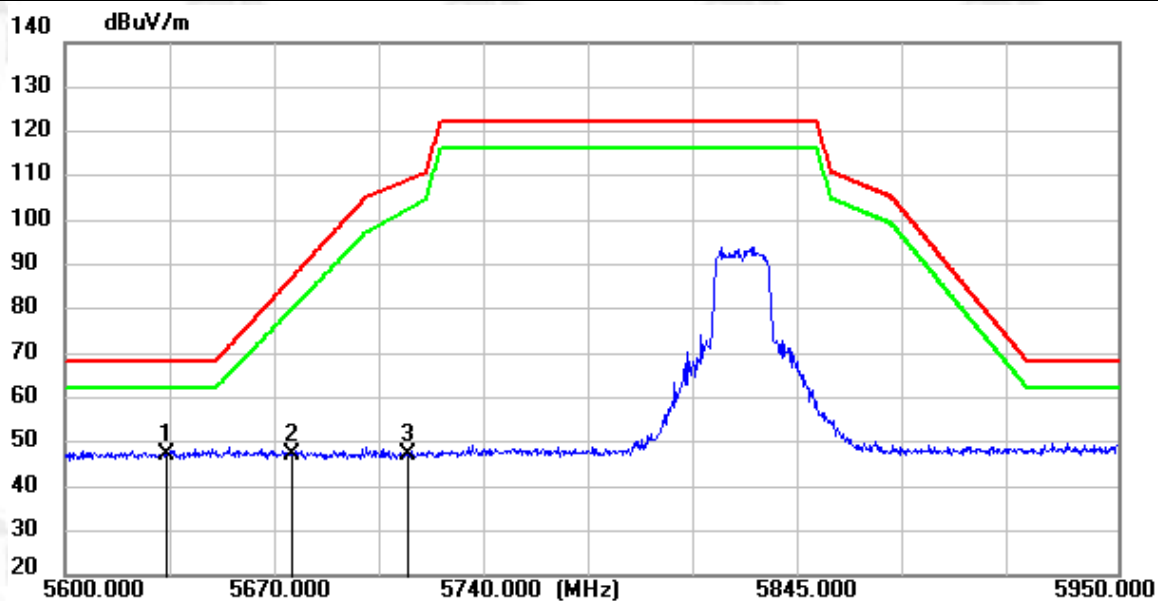
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac20 5825MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.03	8.27	47.30	68.20	-20.90	peak
2	5675.2500	38.34	8.31	46.65	86.93	-40.28	peak
3	5714.1000	38.65	8.37	47.02	109.15	-62.13	peak



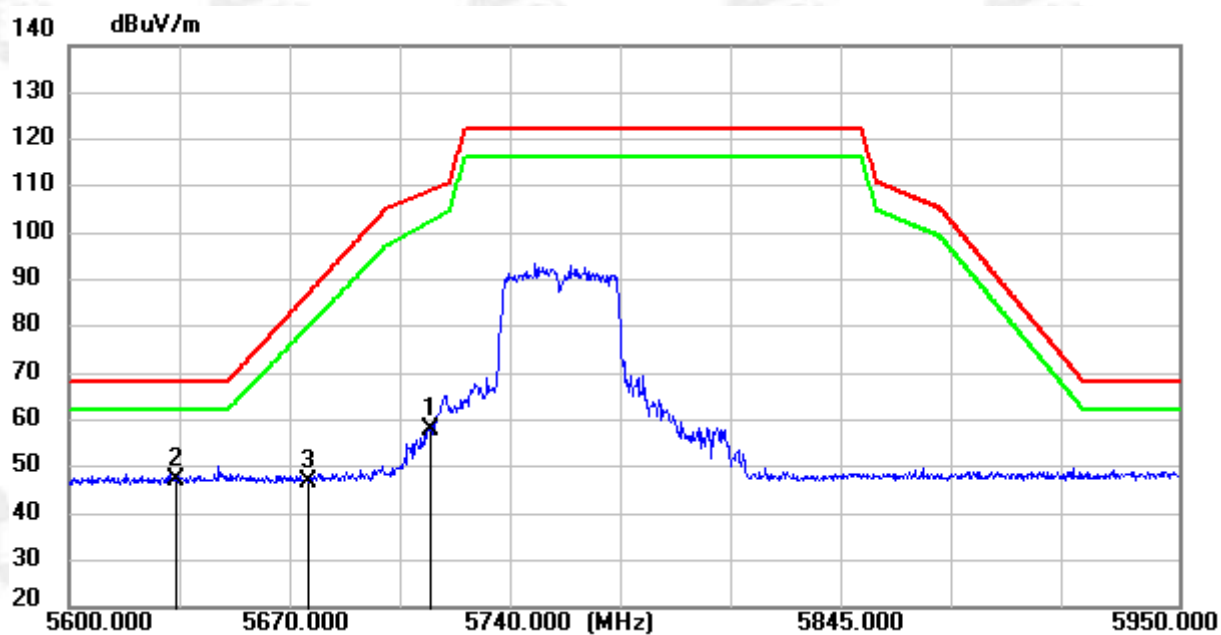
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac20 5825MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.76	8.27	47.03	68.20	-21.17	peak
2	5675.2500	38.84	8.31	47.15	86.93	-39.78	peak
3	5714.1000	38.90	8.37	47.27	109.15	-61.88	peak



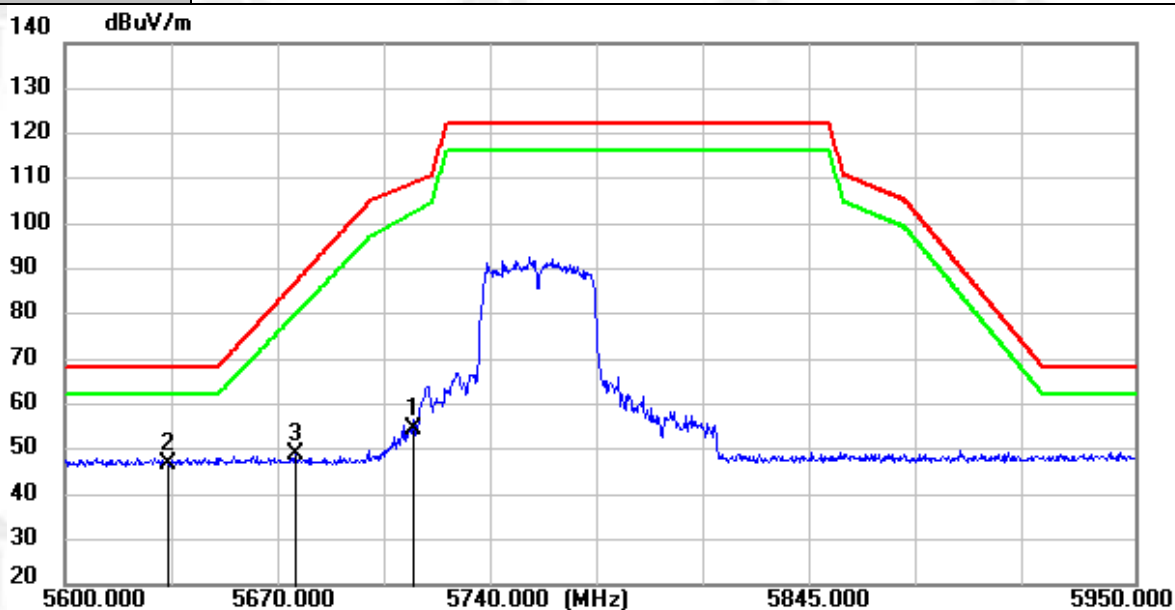
Temperature:	25.6℃	Relative Humidity:	53%
Test Mode:	11n40 5755MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5714.1000	49.47	8.37	57.84	109.15	-51.31	peak
2 *	5633.6000	39.12	8.27	47.39	68.20	-20.81	peak
3	5675.2500	38.46	8.31	46.77	86.93	-40.16	peak



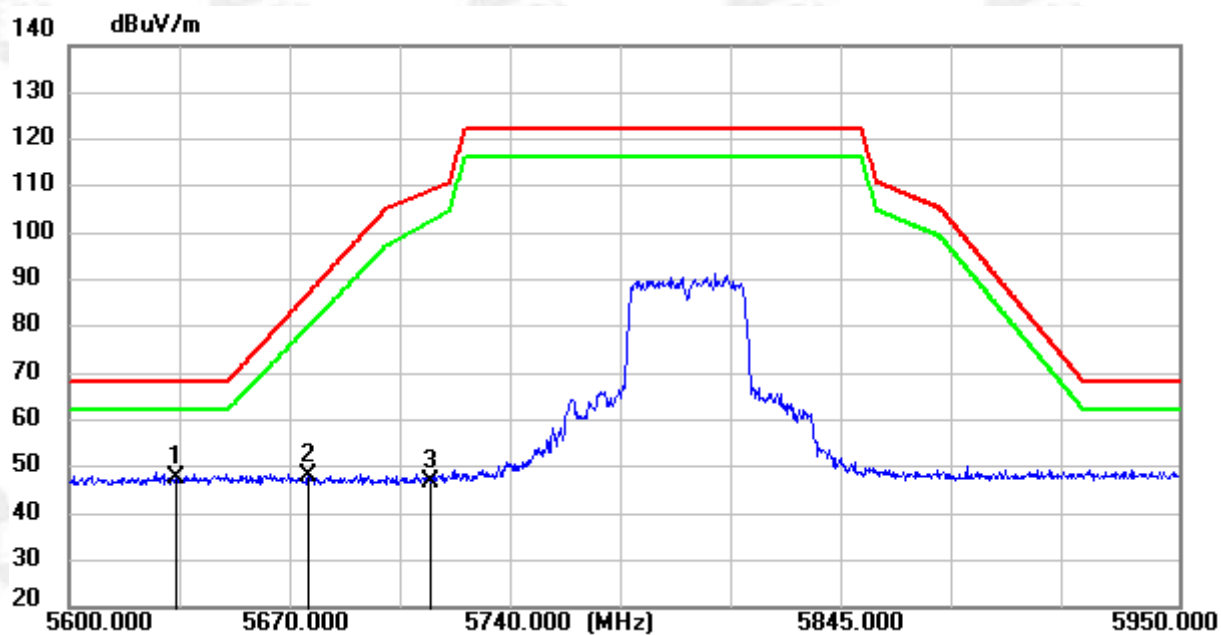
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n40 5755MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5714.1000	46.17	8.37	54.54	109.15	-54.61	peak
2 *	5633.6000	38.50	8.27	46.77	68.20	-21.43	peak
3	5675.2500	40.57	8.31	48.88	86.93	-38.05	peak



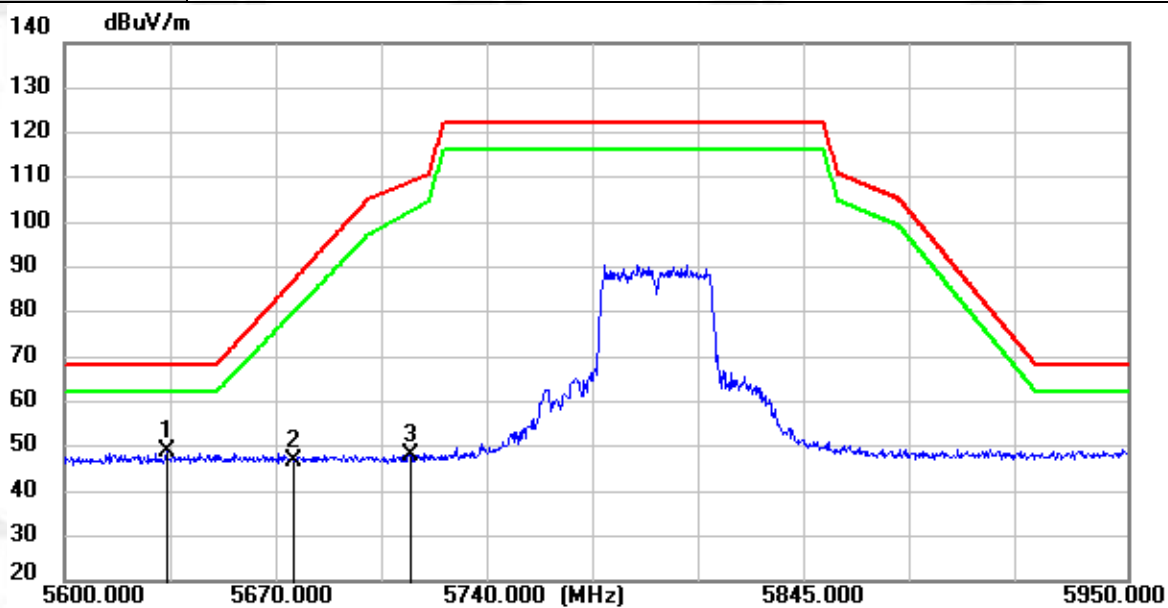
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n40 5795MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.28	8.27	47.55	68.20	-20.65	peak
2	5675.2500	39.57	8.31	47.88	86.93	-39.05	peak
3	5714.1000	38.57	8.37	46.94	109.15	-62.21	peak



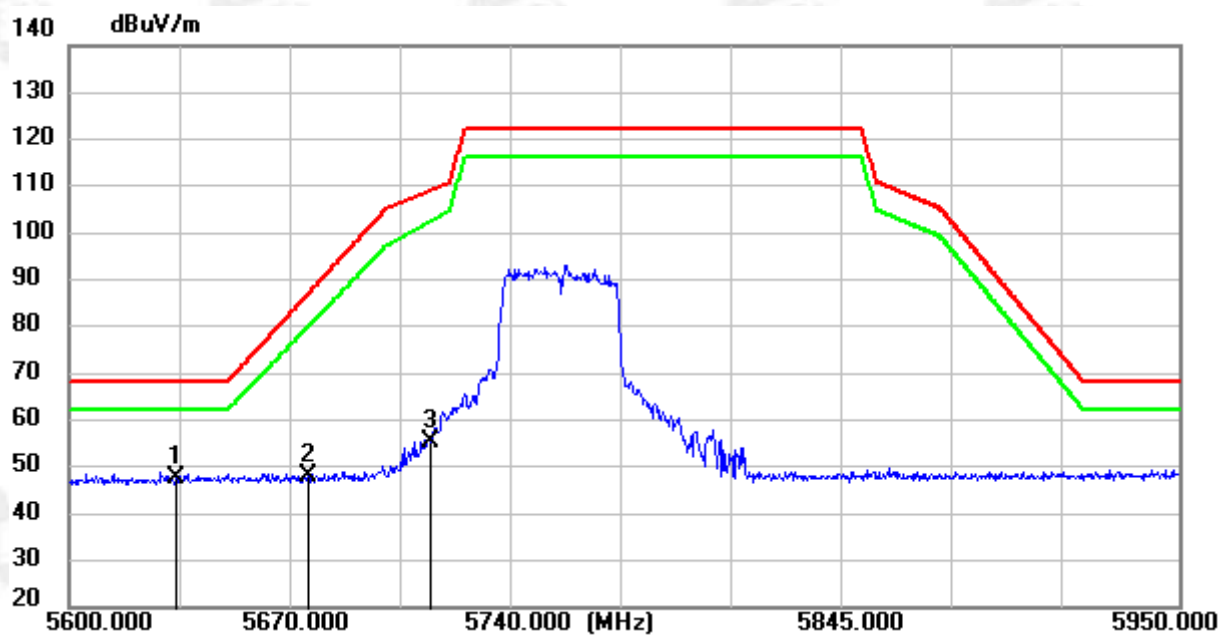
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11n40 5795MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	40.54	8.27	48.81	68.20	-19.39	peak
2	5675.2500	38.63	8.31	46.94	86.93	-39.99	peak
3	5714.1000	39.73	8.37	48.10	109.15	-61.05	peak



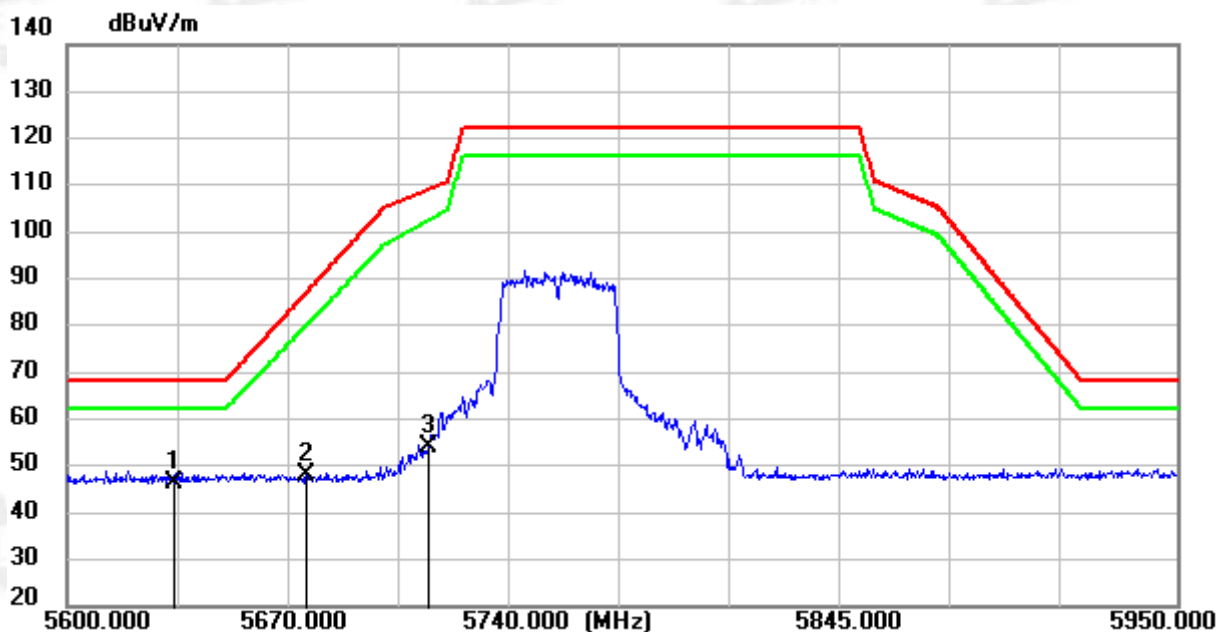
Temperature:	25.5°C	Relative Humidity:	53%
Test Mode:	11ac40 5755MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.37	8.27	47.64	68.20	-20.56	peak
2	5675.2500	39.71	8.31	48.02	86.93	-38.91	peak
3	5714.1000	47.05	8.37	55.42	109.15	-53.73	peak



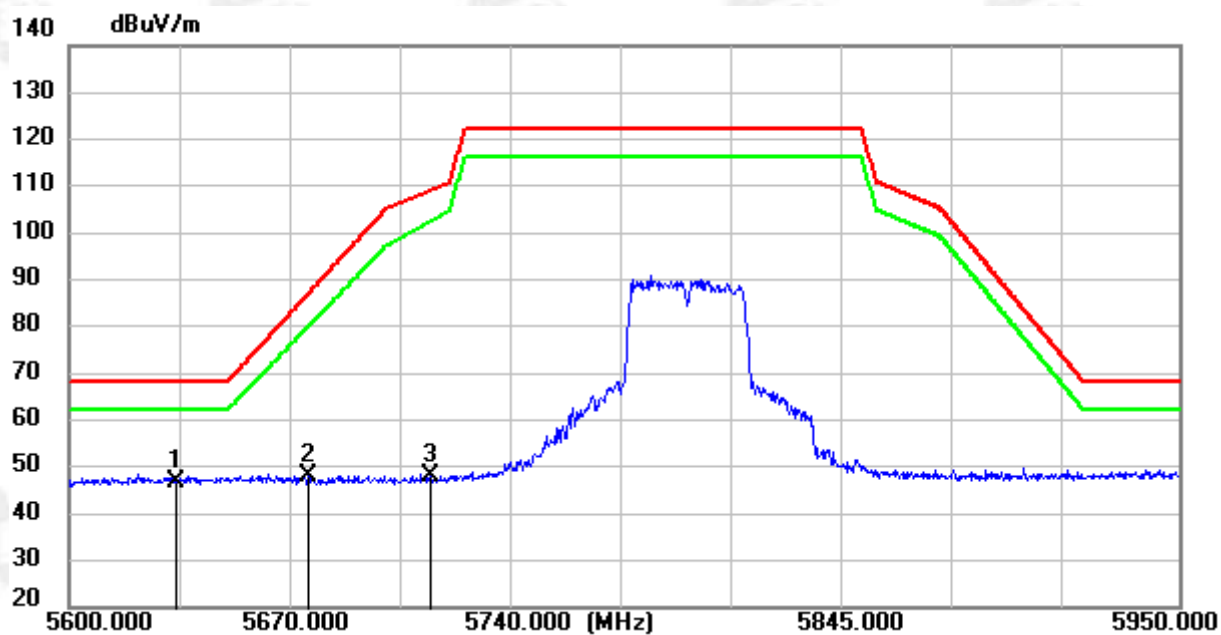
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac40 5755MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.19	8.27	46.46	68.20	-21.74	peak
2	5675.2500	39.96	8.31	48.27	86.93	-38.66	peak
3	5714.1000	45.85	8.37	54.22	109.15	-54.93	peak



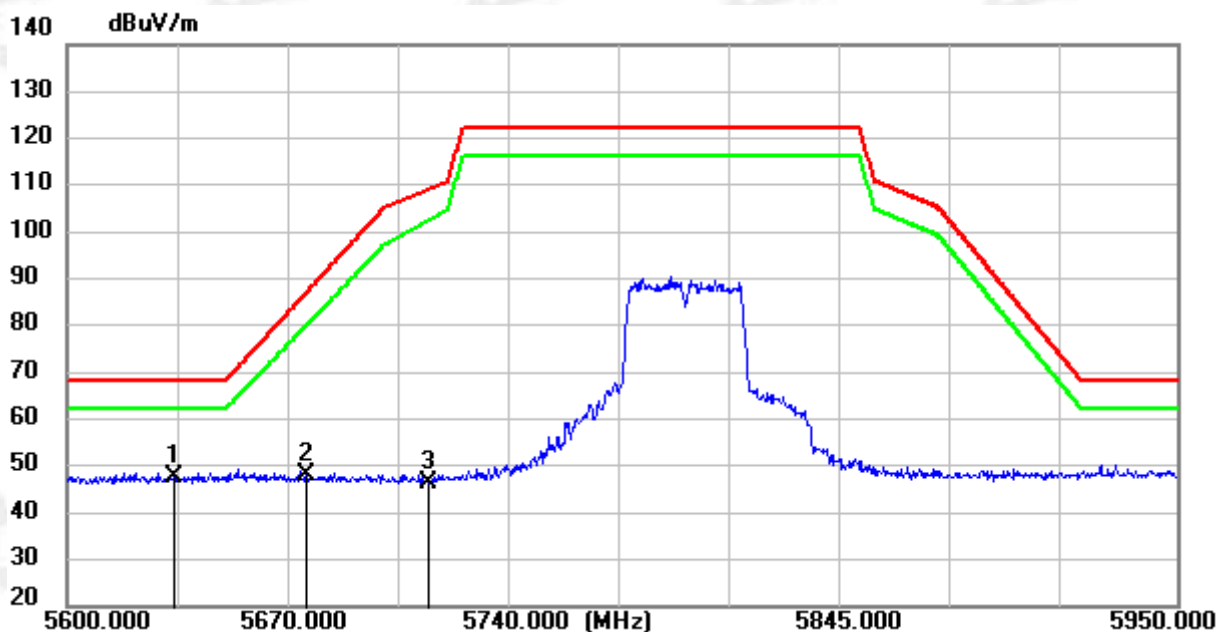
Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac40 5795MHz	Phase:	Vertical
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	38.67	8.27	46.94	68.20	-21.26	peak
2	5675.2500	39.85	8.31	48.16	86.93	-38.77	peak
3	5714.1000	39.65	8.37	48.02	109.15	-61.13	peak



Temperature:	25.6°C	Relative Humidity:	53%
Test Mode:	11ac40 5795MHz	Phase:	Horizontal
Test Voltage:	AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	5633.6000	39.28	8.27	47.55	68.20	-20.65	peak
2	5675.2500	39.96	8.31	48.27	86.93	-38.66	peak
3	5714.1000	38.16	8.37	46.53	109.15	-62.62	peak

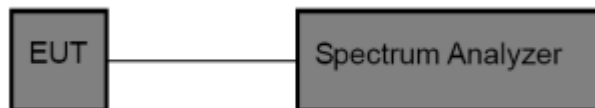


8 Duty cycle

8.1 Limit

Test Requirement: FCC CFR Title 47 Part 15 Subpart C Section 15.407
Test Method: ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to
C63.10a-2024
KDB 789033 D02 v02r01
Test Result: PASS

8.2 Test Setup



8.3 Test Procedure

The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW $\geq$ EBW if possible; otherwise, set RBW to the largest available value. Set VBW $\geq$ RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in IILB.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

8.4 Test Result

Please see the attachment for WIFI5.1G and WIFI5.8G data.

9 POWER SPECTRAL DENSITY TEST

9.1 Test Standard and Limit

According to FCC §15.407(3)

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 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.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. 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.

(iv) 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.

(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. 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.

9.2 Test Setup



9.3 Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above,
2. The testing follows FCC KDB 789033 D02.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.

4. For U-NII1, U-NII-2A, U-NII-2C Band:

Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)

For U-NII-3 Band:

Set RBW=510 kHz, VBW=1.6MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = sample, traces 100 sweeps of video averaging. (SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)

5. Use the cursor on spectrum to peak search the highest level of trace
6. Record the max. reading and add $10 \log(1/\text{duty cycle})$.

9.4 Test Data

Please see the attachment for WIFI5.1G and WIFI5.8G data.

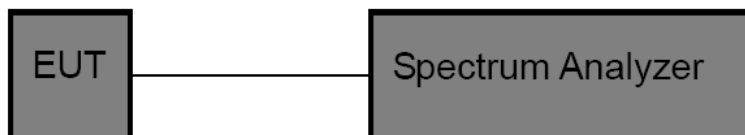


10 26DB & 6DB & 99% Emission Bandwidth Test

10.1 Test Standard

Test Standard	FCC Part15 C Section 15.407
	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band, the minimum bandwidth 6 dB bandwidth of U-NII devices shall be at least 500KHz. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

10.2 Test Setup



10.3 Test Procedure

The following procedure shall be used for measuring 6db bandwidth:

- Set RBW = 100KHz.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- 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.



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 3.3 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ 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.

The following procedure shall be used for measuring 26db bandwidth:

- 1) Set RBW = approximately 1% of the emission bandwidth.
- 2) Set the VBW > RBW.
- 3) Detector = Peak
- 4) Trace mode = max hold.
- 5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

10.4 Test Data

Please see the attachment for WIFI5.1G and WIFI5.8G data.



11 Maximum Conducted Output Power

11.1 Test Standard and Limit

According to FCC §15.407

For an outdoor 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, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For 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, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For fixed point-to-point access points 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.

Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power.

For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. 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.

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, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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, the maximum conducted output power 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.

11.2 Test Setup



11.3 Test Procedure

The EUT was directly connected to the Power Meter.

Method PM-G is measurement using a gated RF average power meter.

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

11.4 Test Data

Please see the attachment for WIFI5.1G and WIFI5.8G data.



12 Out of Band Emissions and Spurious Emission

12.1 Test Standard and Limit

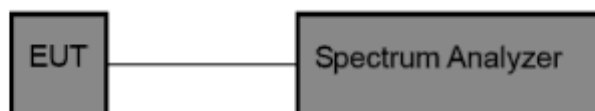
According to FCC §15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

12.2 Test Setup



12.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

12.4 Test Data

Please see the attachment for WIFI5.1G and WIFI5.8G data.



13 Antenna Requirement

13.1 Test Standard and Requirement

Test Standard	FCC Part15 Section 15.203
Requirement	1) 15.203 requirement: 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

13.2 Antenna Connected Construction

The antenna is FPCB Antenna which permanently attached, and the best case gain of the antenna is 4.31 dBi(WIFI 5.1G); 4.45dBi(WIFI5.8G). It complies with the standard requirement.



14 TEST SETUP & EUT PHOTOGRAPH

Please see the attachment for details.

----- End of Report -----