



FCC TEST REPORT

For

SmartLabs Holding Ltd

IPTV Set-Top Box

Test Model: SML-5045W6

Prepared for : SmartLabs Holding Ltd
Address : Nafpliou 15, 3025 Limassol, Cyprus

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
Address : 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei,
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Date of receipt of test sample : October 14, 2022
Number of tested samples : 2
Sample No. : A100822137-1, A100822137-2
Serial number : Prototype
Date of Test : October 14, 2022 ~ October 20, 2022
October 07, 2023 ~ November 20, 2023
Date of Report : November 21, 2023



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**FCC TEST REPORT**
FCC CFR 47 PART 15E (15.407)**Report Reference No. : LCSA100822143EA001**

Date of Issue : November 21, 2023

Testing Laboratory Name : Shenzhen LCS Compliance Testing Laboratory Ltd.Address : 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei,
Shajing Street, Baoan District, Shenzhen, 518000, ChinaTesting Location/ Procedure : Full application of Harmonised standards ■
Partial application of Harmonised standards □
Other standard testing method □**Applicant's Name : SmartLabs Holding Ltd**

Address : Nafpliou 15, 3025 Limassol, Cyprus

Test Specification

Standard : FCC CFR 47 PART 15E (15.407)

Test Report Form No..... : LCSEMC-1.0

TRF Originator : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF..... : Dated 2011-03

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EUT Description. : IPTV Set-Top Box

Trade Mark : /

Test Model..... : SML-5045W6

Ratings : Input: 12V===1.5A
Output: USB 5V===1.0AResult : **Positive****Supervised by:**

Diamond Lu/ Administrator

Compiled by:

Cary Luo/ Technique principal

Approved by:

Gavin Liang/ Manager



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**FCC -- TEST REPORT**

Test Report No. : LCSA100822143EA001	<u>November 21, 2023</u> Date of issue
---	---

EUT.....	: IPTV Set-Top Box
Test Model.....	: SML-5045W6
Applicant.....	: SmartLabs Holding Ltd
Address.....	: Nafpliou 15, 3025 Limassol, Cyprus
Telephone.....	: /
Fax.....	: /
Manufacturer.....	: SmartLabs Holding Ltd
Address.....	: Nafpliou 15, 3025 Limassol, Cyprus
Telephone.....	: /
Fax.....	: /
Factory.....	: Sichuan Changhong Network Technologies Co., Ltd.
Address.....	: G05 Factory Premises, Changhong Intelligent Display Terminal Industrial Park, 38, Xinping Avenue, High-tech District, Mianyang 621000, P. R. China
Telephone.....	: /
Fax.....	: /

Test Result:	Positive
---------------------	-----------------

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.



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Revision History

Report Version	Issue Date	Revision Content	Revised By
000	October 21, 2022	Initial Issue	---
001	November 21, 2023	---	---





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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT : IPTV Set-Top Box
Test Model : SML-5045W6
Power Supply : Input: 12V===1.5A
Output: USB 5V===1.0A
Hardware Version : JUW7.820.00293831 V2
Software Version : 4.22.1

5G WLAN

Frequency Range : 5260MHz~5320MHz, 5500MHz~5700MHz
Channel Number : 4 Channels for 20MHz bandwidth(5260MHz-5320MHz)
11 Channels for 20MHz bandwidth(5500MHz-5700MHz)
2 channels for 40MHz bandwidth(5270MHz~5310MHz)
5 Channels for 40MHz bandwidth(5510MHz-5670MHz)
1 channels for 80MHz bandwidth(5290MHz)
2 Channels for 80MHz bandwidth(5530MHz, 5610MHz)
Modulation Type : IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK)
IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
IEEE 802.11ax: OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description : 5260MHz~5320MHz:
Antenna 0: Internal Antenna, 2.48dBi (max.)
Antenna 1: Internal Antenna, 1.5dBi (max.)
5500MHz~5700MHz:
Antenna 0: Internal Antenna, 0.74dBi (max.)
Antenna 1: Internal Antenna, 1.6dBi (max.)





1.2. Host System Configuration List and Details

Manufacturer	Description	Model	Serial Number	Certificate
Dongguan Sunun Power Technology CO., LTD.	ADAPTER	SA182V-120150U	---	FCC
SHENZHEN TEKA TECHNOLOGY CO., LTD.	ADAPTER	TEKA-TC120150US	---	FCC
PHILIPS	Color TV Pattern Generator	PM5418	---	FCC

Note: TV is supplied by lab and only used test.

1.3. External I/O Port

I/O Port Description	Quantity	Cable
Power Port	1	N/A
AV Port	1	N/A
HDMI Port	1	N/A
LAN Port	1	N/A
USB Port	1	N/A

1.4. Description of Test Facility

NVLAP Accreditation Code is 600167-0.

FCC Designation Number is CN5024.

CAB identifier is CN0071.

CNAS Registration Number is L4595.

Test Firm Registration Number: 254912.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4:2014 and CISPR 16-1-4:2010 SVSWR requirement for radiated emission above 1GHz.

1.5. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.



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1.6. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Radiation Uncertainty	9KHz~30MHz	±3.10dB	(1)
	30MHz~200MHz	±2.96dB	(1)
	200MHz~1000MHz	±3.10dB	(1)
	1GHz~26.5GHz	±3.80dB	(1)
	26.5GHz~40GHz	±3.90dB	(1)
Conduction Uncertainty	150kHz~30MHz	±1.63dB	(1)
Power disturbance	30MHz~300MHz	±1.60dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.7. Description of Test Modes

The EUT has been tested under operating condition.

This test was performed with EUT in X, Y, Z position and the worst case was found when EUT in X position.

Pre-test AC conducted emission at both voltage AC 120V/60Hz and AC 240V/50Hz, recorded worst case.

AC conducted emission pre-test at power adapter modes, recorded worst case;

Worst-case mode and channel used for 150 KHz-30 MHz power line conducted emissions was determined to be IEEE 802.11n HT40 MIMO mode (High Channel).

Worst-case mode and channel used for 9 KHz-1000 MHz radiated emissions was determined to be IEEE 802.11n HT40 MIMO mode (High Channel).

Worst-Case data rates were utilized from preliminary testing of the Chipset, worst-case data rates used during the testing are as follows:

IEEE 802.11a Mode: 6 Mbps, OFDM.

IEEE 802.11ac VHT20 Mode: MCS0, OFDM.

IEEE 802.11ax HEW20 Mode: HE1MCS0, OFDMA.

IEEE 802.11n HT20 Mode: MCS0, OFDM.

IEEE 802.11ac VHT40 Mode: MCS0, OFDM.

IEEE 802.11ax HEW40 Mode: HE1MCS0, OFDMA.

IEEE 802.11n HT40 Mode: MCS0, OFDM.

IEEE 802.11ac VHT80 Mode: MCS0, OFDM.

IEEE 802.11ax HEW80 Mode: HE1MCS0, OFDMA.



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1.8. Channel List and Frequency

U-NI-2A

Frequency Band	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
5260~5320MHz	52	5260	60	5300
	54	5270	62	5310
	56	5280	64	5320
	58	5290	/	/
For IEEE 802.11a/n HT20/ac VHT20, ax HEW20, Channel 52, 60 and 64 were tested. For IEEE 802.11n HT40/ac VHT40, ax HEW40, Channel 54 and 62 were tested. For IEEE 802.11ac VHT80/IEEE 802.11ax HEW80, Channel 58 was tested.				

U-NI-2C

Frequency Band	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
5500~5700MHz	100	5500	118	5590
	102	5510	120	5600
	104	5520	122	5610
	106	5530	124	5620
	108	5540	126	5630
	110	5550	128	5640
	112	5560	132	5660
	114	5570	134	5670
	116	5580	136	5680
	--	--	140	5700
For IEEE 802.11a/n HT20/ac VHT20, ax HEW20, Channel 100, 116 and 140 were tested. For IEEE 802.11n HT40/ac VHT40, ax HEW40, Channel 102, 110 and 134 were tested. For IEEE 802.11ac VHT80/IEEE 802.11ax HEW80, Channel 106 and 122 were tested.				



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2. TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

The radiated testing was performed at an antenna-to-EUT distance of 3 meters. All radiated and conducted emissions measurement was performed at Shenzhen LCS Compliance Testing Laboratory Ltd.

2.1. EUT Configuration

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

2.2. EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to FCC's request, Test Procedure KDB789033 D02 General UNII Test Procedures New Rules v02r01 and KDB 662911 D01 Multiple Transmitter Output v02r01 are required to be used for this kind of FCC 15.407 UII device.

According to its specifications, the EUT must comply with the requirements of the Section 15.203, 15.205, 15.207, 15.209 and 15.407 under the FCC Rules Part 15 Subpart E.

2.3. General Test Procedures

2.3.1 Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using Quasi-peak and average detector modes.

2.3.2 Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1GHz and 1.5 m above ground plane above 1GHz. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 6.3 of ANSI C63.10-2013.



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3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a continuous transmits condition.

3.2. EUT Exercise Software

The system was configured for testing in a continuous transmits condition and change test channels by software provided by application.

3.3. Special Accessories

N/A

3.4. Block Diagram/Schematics

Please refer to the related document

3.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

3.6. Test Setup

Please refer to the test setup photo.



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4. SUMMARY OF TEST RESULTS

Applied Standard: FCC Part 15 Subpart E			
FCC Rules	Description of Test	Result	Remark
§15.407(a)	26dB Bandwidth	Compliant	Appendix A.1 & Appendix B.1
§15.407(a)	Maximum Conducted Output Power and e.i.r.p.	Compliant	Appendix A.2 & Appendix B.2
§15.407(a)	Power Spectral Density	Compliant	Appendix A.3 & Appendix B.3
§15.209, §15.407(b)	Radiated Emissions	Compliant	Note 1
§15.207(a)	AC Conducted Emissions	Compliant	Note 1
§15.209, §15.407(b)	Emissions in Restricted Bands	Compliant	Note 1
§15.407(g)	Frequency Stability	Compliant	Appendix A.4 & Appendix B.4
/	On Time and Duty Cycle	/	Only reported
§15.203	Antenna Requirements	Compliant	Note 1
§15.407 §2.1091	RF Exposure	Compliant	Note 2

Remark:

1. Note 1 – Test results inside test report;
2. Note 2 – Test results in other test report (RF report);

5GHz NII operation is possible in 20MHz, and 40MHz, and 80MHz channel bandwidths. The maximum achievable duty cycles for all mode were determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW= 8MHz, VBW=50MHz and detector= peak per the guidance of Section B)2b) of ANSI C63.10-2013. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles are as follows:

Maximum Achievable Duty Cycles				
802.11 Mode/Band		Duty Cycles[%]		
		ANT 1	ANT2	MIMO
5GHz	a	100	100	100
	n(HT20)	100	100	100
	ac(HT20)	100	100	100
	n(HT40)	100	100	100
	ac(HT40)	100	100	100
	ac(HT80)	100	100	100
	ax(HE80)	100	100	100
	ax(HE40)	100	100	100
	ax(HE20)	100	100	100



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5. TEST RESULT

5.1. 26dB Occupied Bandwidth Measurement

5.1.1. Standard Applicable

No restriction limits. But resolution bandwidth within band edge measurement is 1% of the 99% occupied bandwidth.

5.1.2. Measuring Instruments and Setting

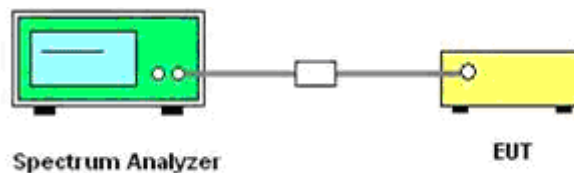
Please refer to equipment list in this report. The following table is the setting of the Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span	> 26dB Bandwidth
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.1.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer in peak hold mode.
2. The RBW = 1% - 3% of occupied bandwidth, VBW = 3*RBW;
3. Measured the spectrum width with power higher than 26dB below carrier.

5.1.4. Test Setup Layout



5.1.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.1.6. Test Result of 26dB Occupied Bandwidth

PASS

Please refer to Appendix A.1 & Appendix B.1

Remark:

1. Measured 26dB bandwidth at difference data rate for each mode and recorded worst case for each mode.
2. Test results including cable loss;





5.2. 99% Occupied Bandwidth Measurement

5.2.1. Standard Applicable

According to §2.1049: The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable.

5.2.2. Measuring Instruments and Setting

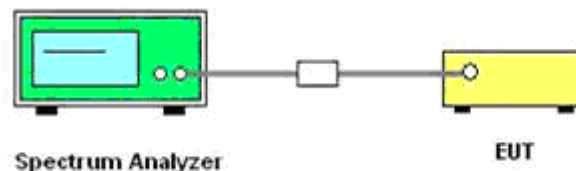
Please refer to equipment list in this report. The following table is the setting of the Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.2.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer in peak hold mode.
2. Set RBW = 1%~5% OBW; VBW $\geq$ 3*RBW;
3. Measured the 99% occupied bandwidth by related function of the spectrum analyzer.

5.2.4. Test Setup Layout



5.2.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.2.6. Test Result of 99% Occupied Spectrum Bandwidth

Not Applicable

Remark:

1. Measured 99% bandwidth at difference data rate for each mode and recorded worst case for each mode.
2. Test results including cable loss;





5.3. Maximum Conducted Output Power and e.i.r.p. Measurement

5.3.1. Standard Applicable

(1) For the band 5.25-5.35 GHz and 5.47-5.725 GHz

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.

5.3.2. Measuring Instruments and Setting

Please refer to equipment list in this report. The following table is the setting of the power meter.

5.3.3. Test Procedures

The transmitter output (antenna port) was connected to the power meter.

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section 3 (a) Method PM (Measurement using an RF average power meter):

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

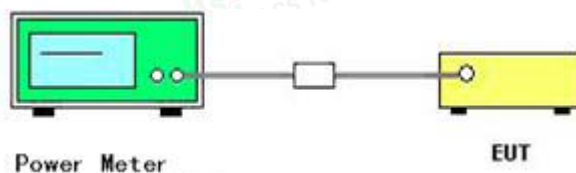
- The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
- The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section II.B.

(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(iv) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25%).

5.3.4. Test Setup Layout



5.3.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



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5.3.6. Test Result of Maximum Conducted Output Power

5260MHz~5320MHz:

Mode	Antenna 0 Gain (dBi)	Antenna 1 Gain (dBi)	Directional Gain (dBi)
IEEE 802.11a	2.48	1.5	/
IEEE 802.11n/ac/ax	2.48	1.5	2.48

5500MHz~5700MHz:

Mode	Antenna 0 Gain (dBi)	Antenna 1 Gain (dBi)	Directional Gain (dBi)
IEEE 802.11a	0.74	1.6	/
IEEE 802.11n/ac/ax	0.74	1.6	1.6

PASS

Please refer to Appendix A.3 & Appendix B.3

Remark:

1. Measured output power at difference data rate for each mode and recorded worst case for each mode.
2. Test results including cable loss;
3. Report conducted power = Measured conducted average power + Duty Cycle factor;
4. Report EIRP = Report conducted power + Antenna Gain;
5. For power measurements on IEEE 802.11 devices;
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;
Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.



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5.4. Power Spectral Density Measurement

5.4.1. Standard Applicable

For the band 5.25-5.35 GHz and 5.47-5.725 GHz

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, the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

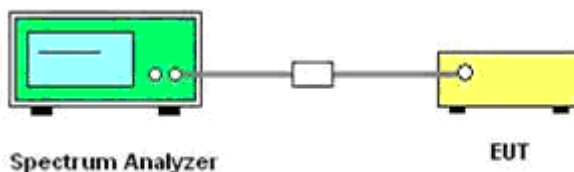
5.4.2. Measuring Instruments and Setting

Please refer to equipment list in this report. The following table is the setting of Spectrum Analyzer.

5.4.3. Test Procedures

- 1). The transmitter was connected directly to a Spectrum Analyzer through a directional couple.
- 2). The power was monitored at the coupler port with a Spectrum Analyzer. The power level was set to the maximum level.
- 3). Set the RBW = 1MHz.
- 4). Set the VBW $\geq$ 3MHz
- 5). Span=Encompass the entire emissions bandwidth (EBW) of the signal (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- 6). Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
- 7). Manually set sweep time $\geq 10 \times (\text{number of points in sweep}) \times (\text{total on/off period of the transmitted signal})$.
- 8). Set detector = power averaging (rms).
- 9). Sweep time = auto couple.
- 10). Trace mode = max hold.
- 11). Allow trace to fully stabilize.
- 12). Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively).
- 13). Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.
- 14). Use the peak marker function to determine the maximum power level in any 1MHz band segment within the fundamental EBW.

5.4.4. Test Setup Layout



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5.4.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.4.6. Test Result of Power Spectral Density

5260MHz~5320MHz:

Mode	Antenna 0 Gain (dBi)	Antenna 1 Gain (dBi)
IEEE 802.11a	2.48	1.5
IEEE 802.11n/ac/ax	2.48	1.5

5500MHz~5700MHz:

Mode	Antenna 0 Gain (dBi)	Antenna 1 Gain (dBi)
IEEE 802.11a	0.74	1.6
IEEE 802.11n/ac/ax	0.74	1.6

PASS

Please refer to Appendix A.4 & Appendix B.4

Remark

1. Measured power spectrum density at difference data rate for each mode and recorded worst case for each mode.
2. Test results including cable loss;
3. Report conducted PSD = Measured conducted average power + Duty Cycle factor;
4. For MIMO with CCD technology device, The Directional Gain= Max Gain of individual transmit antennas (dBi) + Array gain;

Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB, where N_{ANT} is the number of transmit antennas and N_{SS} is 1.



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5.5. Radiated Emissions Measurement

5.5.1. Standard Applicable

15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

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

\1\ Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

\2\ Above 38.6

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 (68.2dBuV/m at 3m).

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

5.5.2. Measuring Instruments and Setting

Please refer to equipment list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10 th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/B kHz for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/B kHz for Average



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

5.5.3. Test Procedures

1) Sequence of testing 9 kHz to 30 MHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- If the EUT is a floor standing device, it is placed on the ground.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna height is 1.0 meter.
- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

- Identified emissions during the premeasurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).
- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.
- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.



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2) Sequence of testing 30 MHz to 1 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height changes from 1 to 3 meter.
- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter.
- The final measurement will be done with QP detector with an EMI receiver.
- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.



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3) Sequence of testing 1 GHz to 18 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 3 meter.
- The EUT was set into operation.

Premeasurement:

- The turntable rotates from 0° to 315° using 45° steps.
- The antenna is polarized vertical and horizontal.
- The antenna height scan range is 1 meter to 2.5 meter.
- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position ($\pm 45^\circ$) and antenna movement between 1 and 4 meter. This procedure is repeated for both antenna polarizations.
- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.
- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.





4) Sequence of testing above 18 GHz

Setup:

- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- The measurement distance is 1 meter.
- The EUT was set into operation.

Premeasurement:

- The antenna is moved spherical over the EUT in different polarizations of the antenna.

Final measurement:

- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the premeasurements with Peak and Average detector.
- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.



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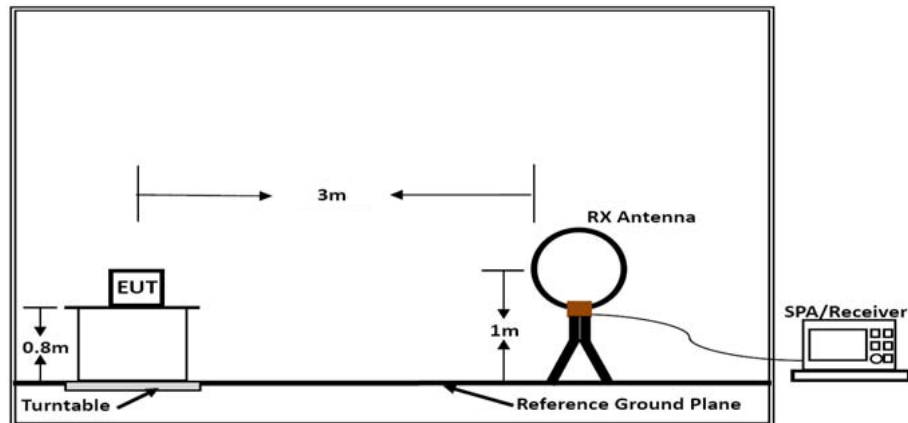
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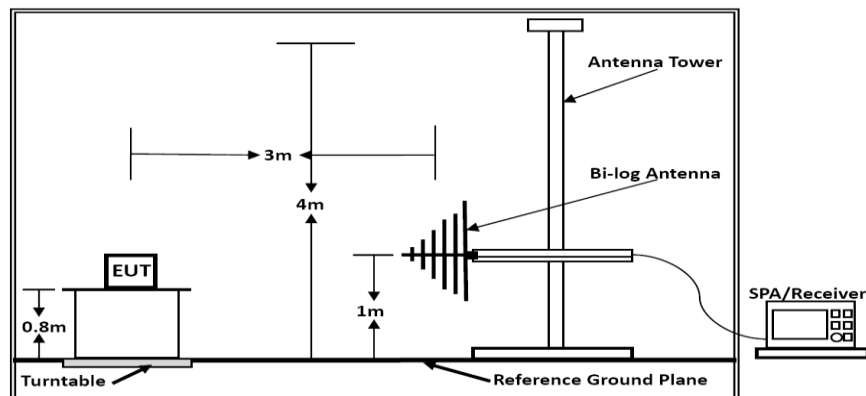
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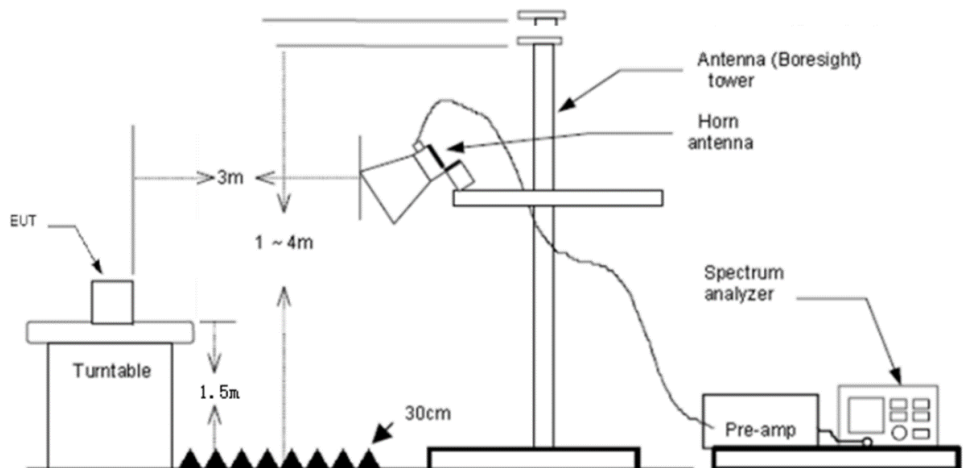
5.5.4. Test Setup Layout



Below 30MHz



Below 1GHz



Above 18 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1m.

5.5.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.





5.5.6. Results of Radiated Emissions (9 KHz~30MHz)

Temperature	23.8℃	Humidity	52.1%
Test Engineer	Ling Zhu	Configurations	IEEE 802.11a/n/ac/ax

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Over Limit (dB)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value 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.

5.5.7. Results of Radiated Emissions (30MHz~1GHz)

Temperature	23.8℃	Humidity	52.1%
Test Engineer	Ling Zhu	Configurations	IEEE 802.11a/n/ac/ax



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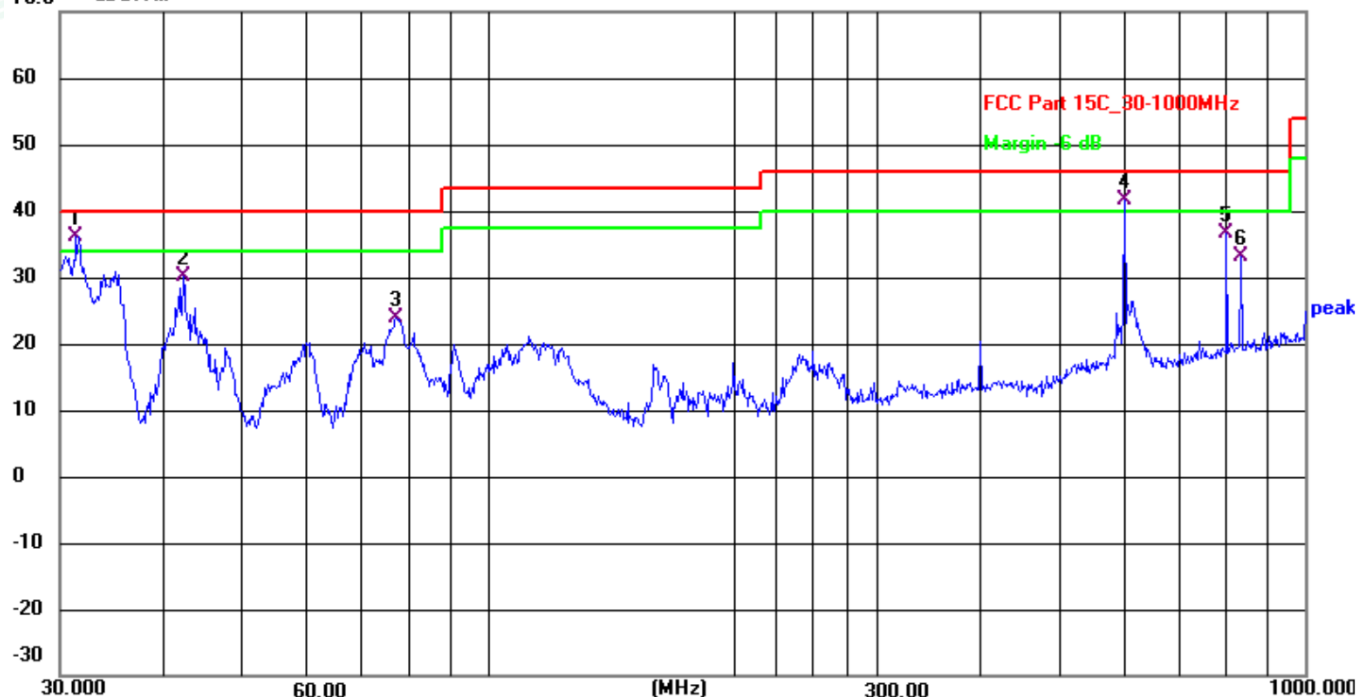
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5.3G (LOW)

Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.3992	54.44	-18.27	36.17	40.00	-3.83	QP
2	42.4508	47.32	-17.23	30.09	40.00	-9.91	QP
3	77.3210	43.54	-19.77	23.77	40.00	-16.23	QP
4	601.4265	52.19	-10.47	41.72	46.00	-4.28	QP
5	801.7862	46.42	-9.89	36.53	46.00	-9.47	QP
6	836.2441	42.24	-9.03	33.21	46.00	-12.79	QP



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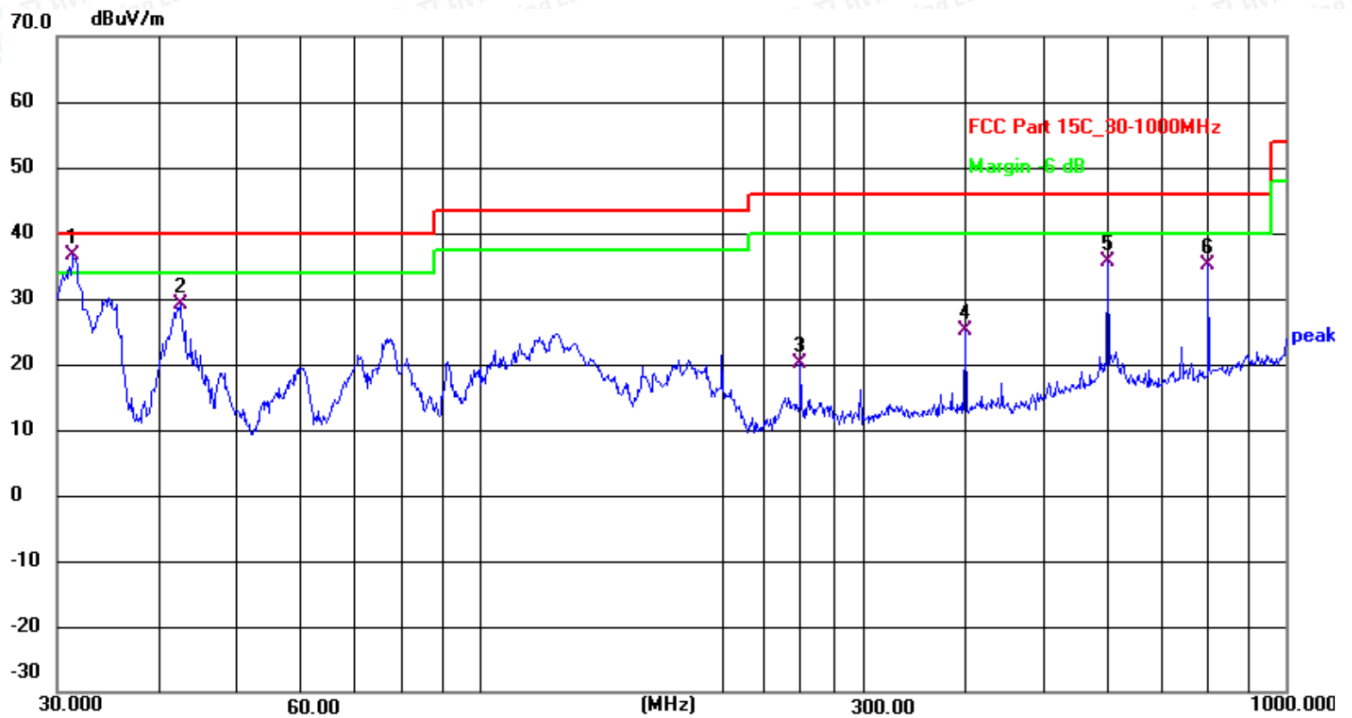
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.3992	55.01	-18.27	36.74	40.00	-3.26	QP
2	42.6000	46.22	-17.21	29.01	40.00	-10.99	QP
3	250.3009	35.82	-15.61	20.21	46.00	-25.79	QP
4	400.4318	39.66	-14.41	25.25	46.00	-20.75	QP
5	601.4265	46.14	-10.47	35.67	46.00	-10.33	QP
6	801.7862	45.05	-9.89	35.16	46.00	-10.84	QP



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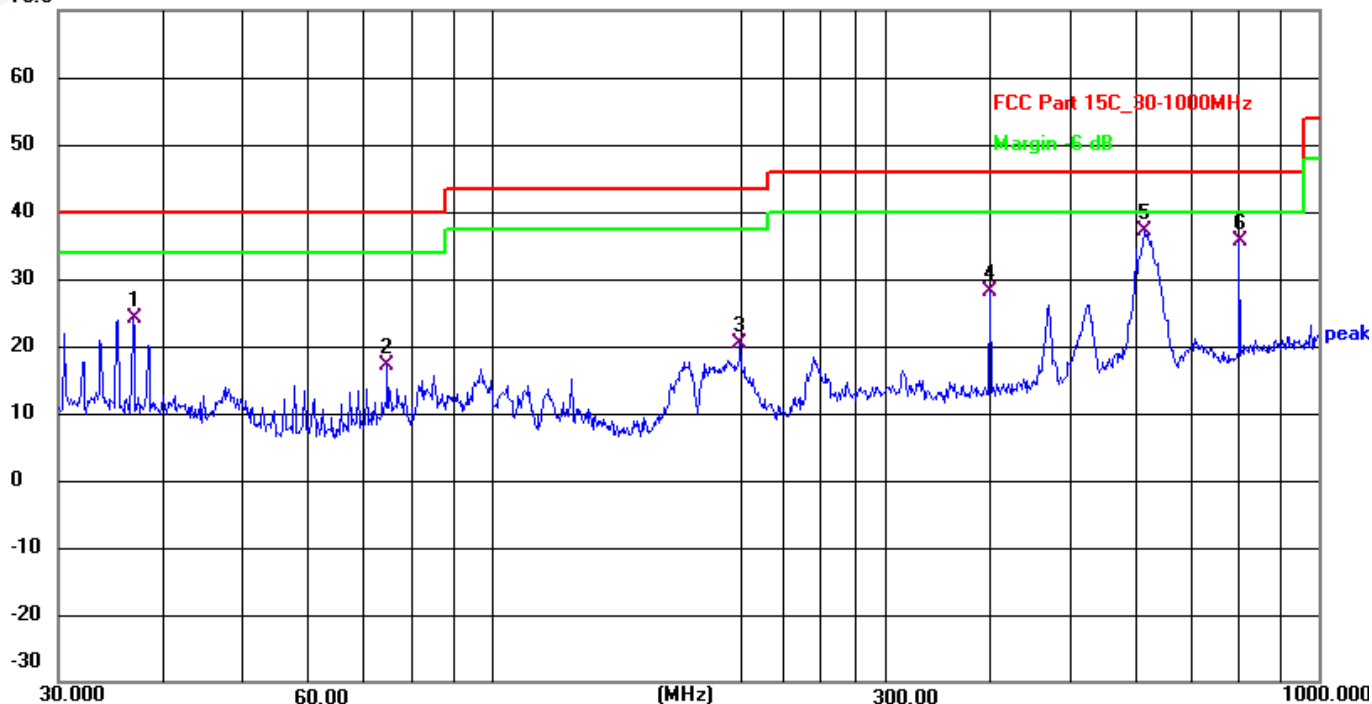
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5.3G (MED)

Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.8953	41.94	-17.69	24.25	40.00	-15.75	QP	P
2	74.9191	36.75	-19.67	17.08	40.00	-22.92	QP	P
3	199.9855	37.66	-17.39	20.27	43.50	-23.23	QP	P
4	400.4318	42.58	-14.41	28.17	46.00	-17.83	QP	P
5	616.3716	48.07	-10.85	37.22	46.00	-8.78	QP	P
6	801.7863	45.43	-9.89	35.54	46.00	-10.46	QP	P



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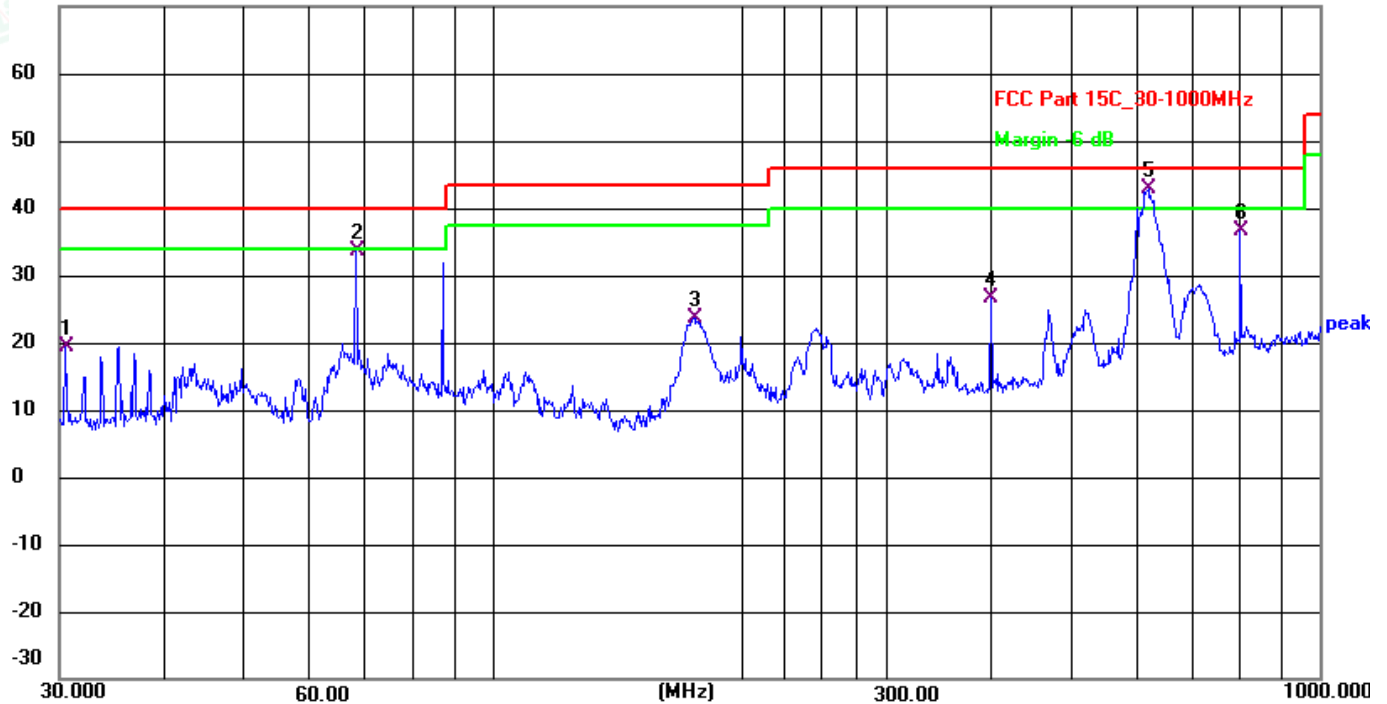
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Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	30.5306	37.85	-18.39	19.46	40.00	-20.54	QP	P
2	68.3908	52.94	-19.36	33.58	40.00	-6.42	QP	P
3	175.6516	42.69	-19.05	23.64	43.50	-19.86	QP	P
4	400.4318	41.02	-14.39	26.63	46.00	-19.37	QP	P
5	620.7096	53.92	-10.97	42.95	46.00	-3.05	QP	P
6	801.7863	46.54	-9.89	36.65	46.00	-9.35	QP	P



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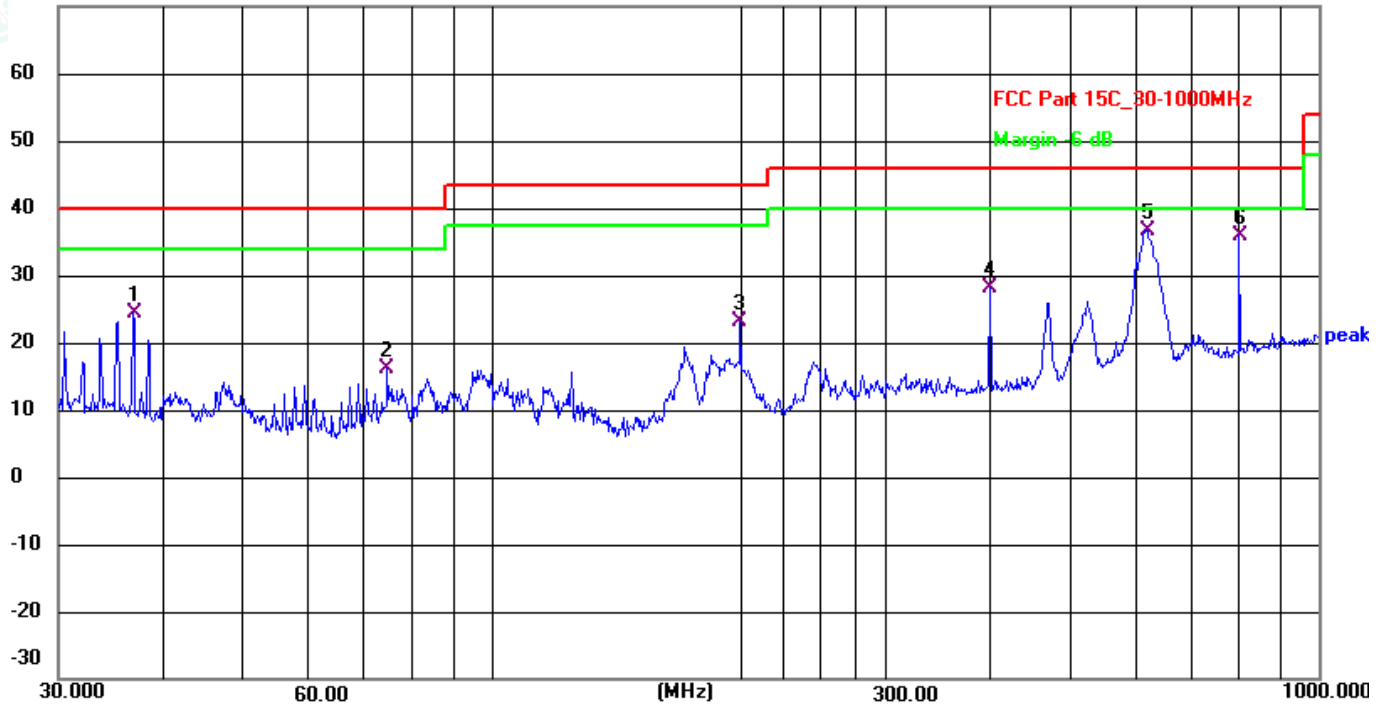
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5.3G (High)

Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.8953	42.02	-17.69	24.33	40.00	-15.67	QP	P
2	74.9191	35.77	-19.67	16.10	40.00	-23.90	QP	P
3	199.9855	40.40	-17.39	23.01	43.50	-20.49	QP	P
4	400.4318	42.66	-14.41	28.25	46.00	-17.75	QP	P
5	618.5368	47.66	-10.91	36.75	46.00	-9.25	QP	P
6	801.7863	45.85	-9.89	35.96	46.00	-10.04	QP	P



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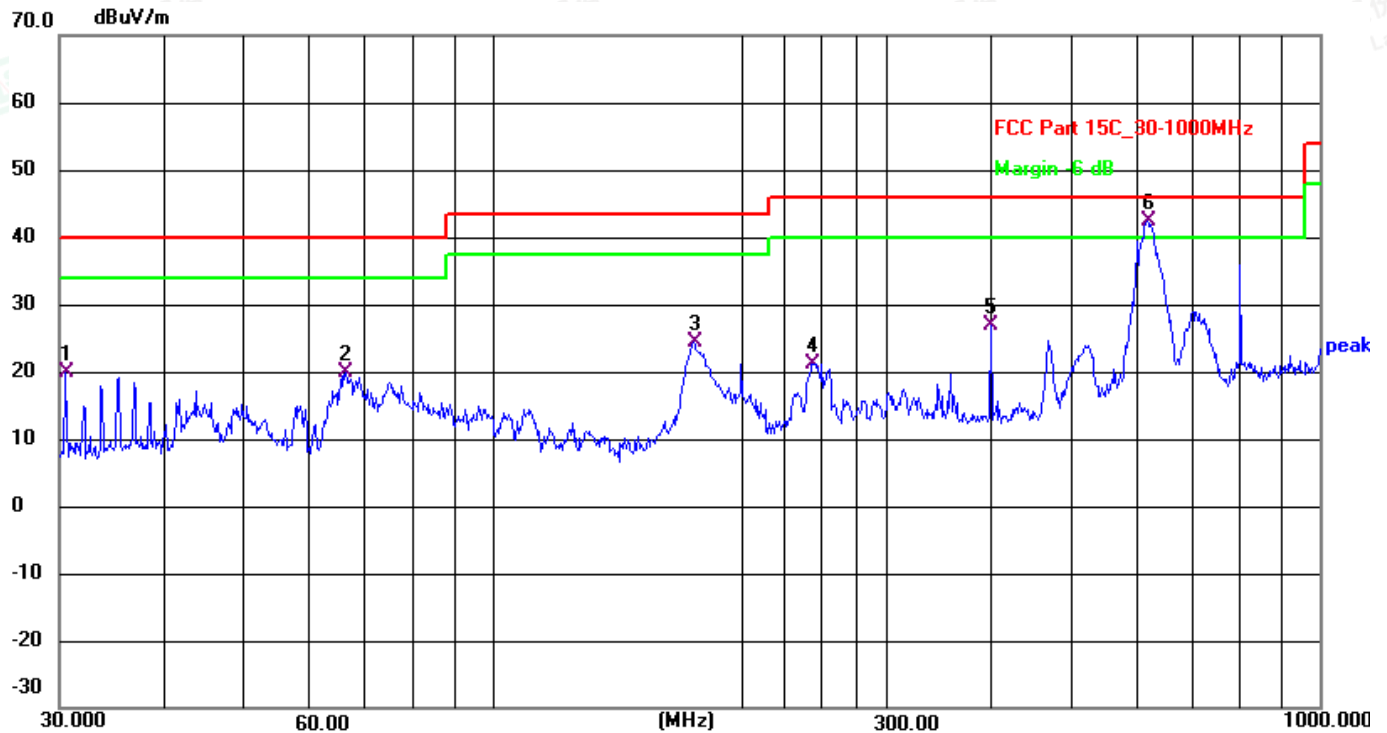
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Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	30.5306	38.25	-18.39	19.86	40.00	-20.14	QP	P
2	66.4989	39.09	-19.25	19.84	40.00	-20.16	QP	P
3	175.0367	43.42	-19.10	24.32	43.50	-19.18	QP	P
4	244.2321	37.12	-15.87	21.25	46.00	-24.75	QP	P
5	400.4318	41.25	-14.39	26.86	46.00	-19.14	QP	P
6	618.5368	53.22	-10.91	42.31	46.00	-3.69	QP	P



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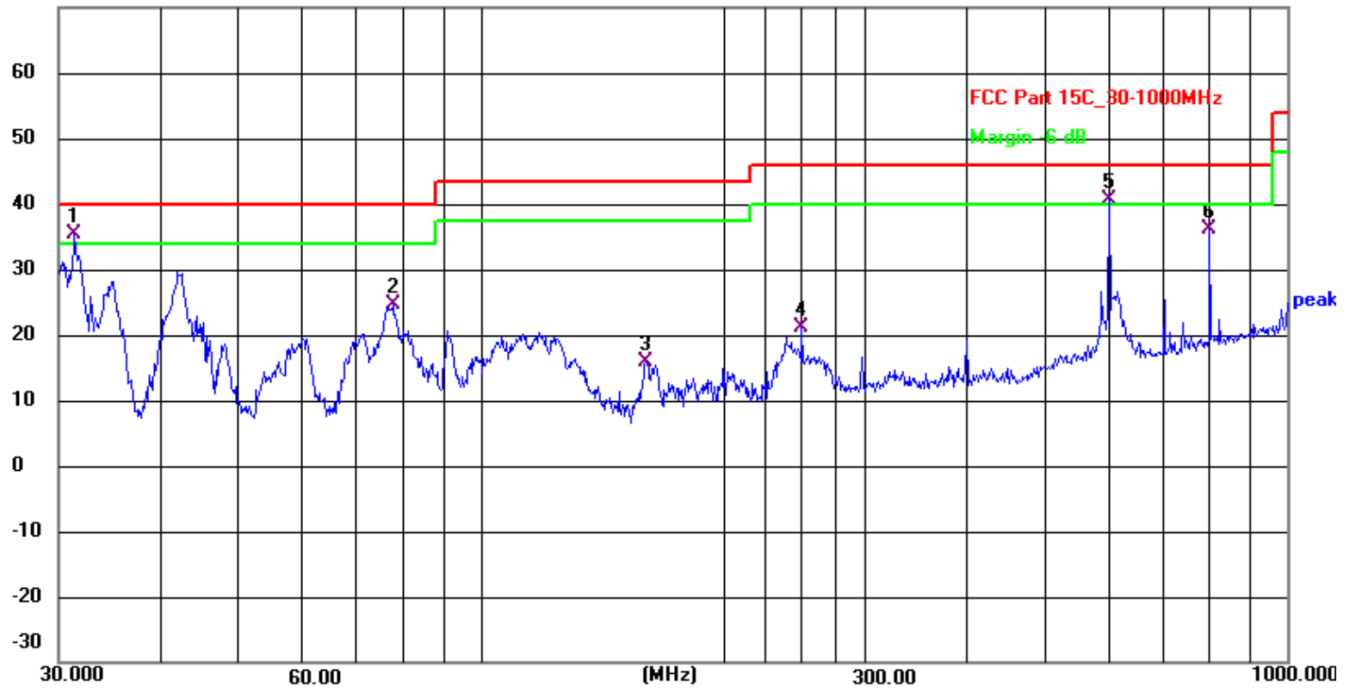
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5.5G(LOW)

Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	31.3992	53.54	-18.27	35.27	40.00	-4.73	QP
2	77.8653	44.39	-19.78	24.61	40.00	-15.39	QP
3	160.3454	35.61	-19.68	15.93	43.50	-27.57	QP
4	250.3009	36.67	-15.61	21.06	46.00	-24.94	QP
5	601.4265	51.10	-10.47	40.63	46.00	-5.37	QP
6	801.7862	45.93	-9.89	36.04	46.00	-9.96	QP



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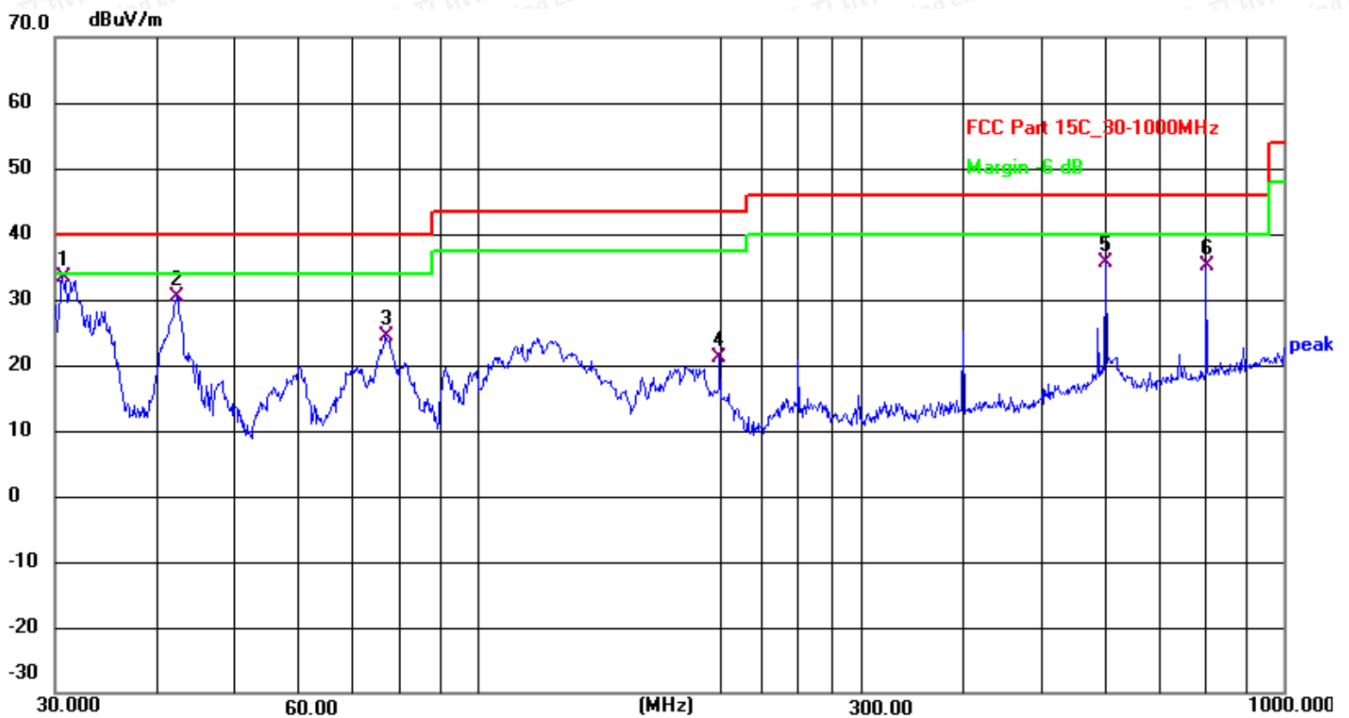
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Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.6378	51.69	-18.37	33.32	40.00	-6.68	QP
2	42.4508	47.58	-17.23	30.35	40.00	-9.65	QP
3	77.0505	44.14	-19.76	24.38	40.00	-15.62	QP
4	199.9855	38.53	-17.39	21.14	43.50	-22.36	QP
5	601.4265	46.11	-10.47	35.64	46.00	-10.36	QP
6	801.7863	45.02	-9.89	35.13	46.00	-10.87	QP



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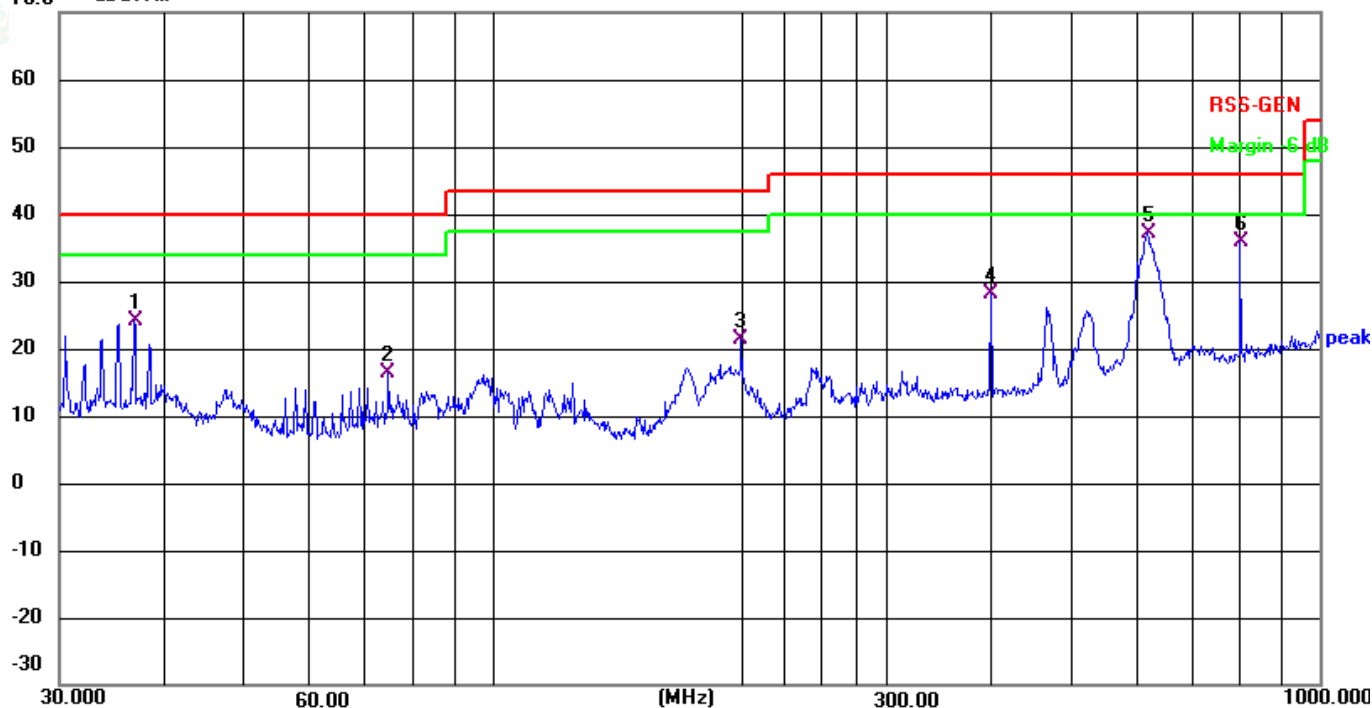
Scan code to check authenticity



5.5G(MED)

Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.8953	41.88	-17.69	24.19	40.00	-15.81	QP	P
2	74.9191	35.96	-19.67	16.29	40.00	-23.71	QP	P
3	199.9855	38.87	-17.39	21.48	43.50	-22.02	QP	P
4	400.4318	42.59	-14.41	28.18	46.00	-17.82	QP	P
5	618.5368	48.03	-10.91	37.12	46.00	-8.88	QP	P
6	801.7863	45.76	-9.89	35.87	46.00	-10.13	QP	P



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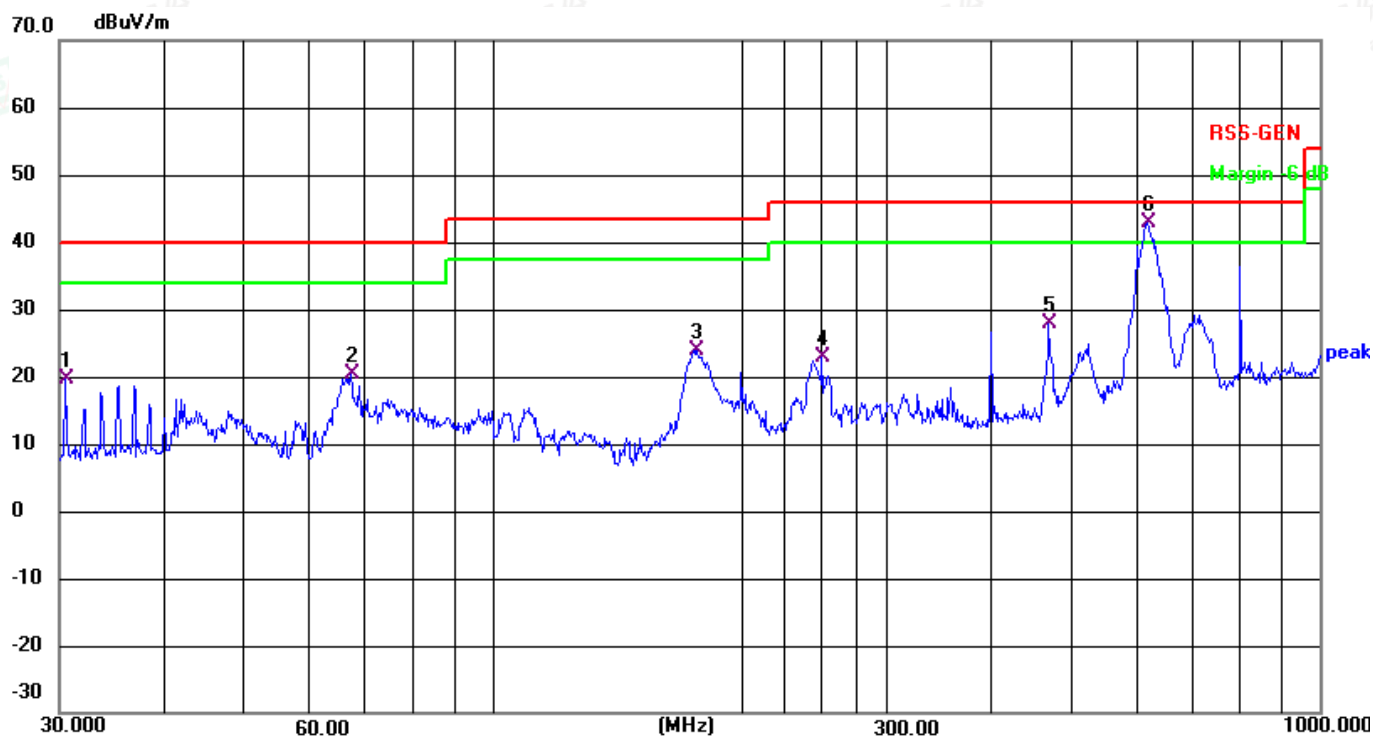
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Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	30.5306	38.04	-18.39	19.65	40.00	-20.35	QP	P
2	67.4382	39.68	-19.32	20.36	40.00	-19.64	QP	P
3	176.2686	42.86	-19.00	23.86	43.50	-19.64	QP	P
4	250.3011	38.48	-15.61	22.87	46.00	-23.13	QP	P
5	470.5232	42.37	-14.42	27.95	46.00	-18.05	QP	P
6	618.5368	53.76	-10.91	42.85	46.00	-3.15	QP	P



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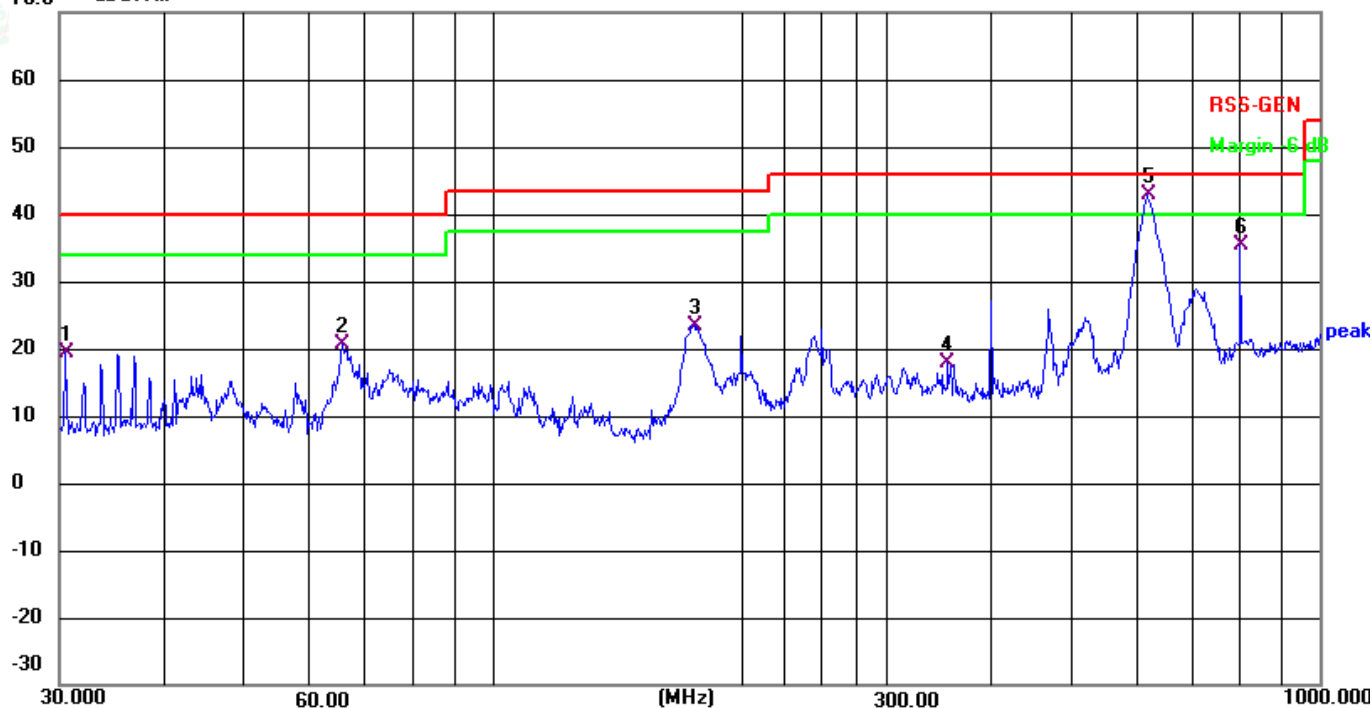
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5.5G(HIGH)

Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	30.5306	37.81	-18.39	19.42	40.00	-20.58	QP	P
2	65.8030	39.92	-19.21	20.71	40.00	-19.29	QP	P
3	175.6516	42.55	-19.05	23.50	43.50	-20.00	QP	P
4	355.4272	32.84	-14.84	18.00	46.00	-28.00	QP	P
5	618.5368	53.67	-10.91	42.76	46.00	-3.24	QP	P
6	801.7863	45.15	-9.89	35.26	46.00	-10.74	QP	P



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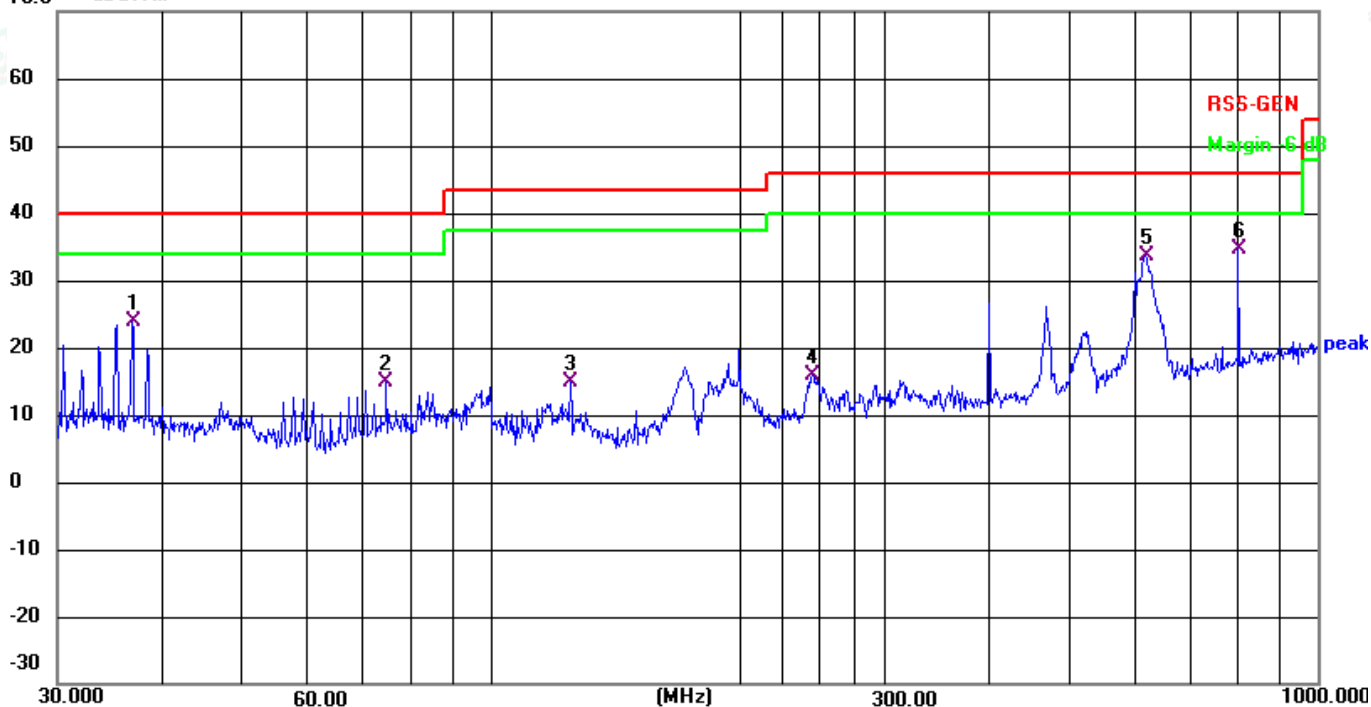
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Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	36.8953	41.54	-17.69	23.85	40.00	-16.15	QP	P
2	74.9191	34.48	-19.67	14.81	40.00	-25.19	QP	P
3	125.0065	35.11	-20.26	14.85	43.50	-28.65	QP	P
4	245.0900	31.67	-15.84	15.83	46.00	-30.17	QP	P
5	618.5368	44.63	-10.91	33.72	46.00	-12.28	QP	P
6	801.7863	44.53	-9.89	34.64	46.00	-11.36	QP	P

Note: (1). Pre-scan all modes and recorded the worst case results in this report IEEE 802.11n HT40 MIMO mode (High Channel)

2). Emission level (dBuV/m) = 20 log Emission level (uV/m). Margin = Level-limit;

3). Factor = Antenna Factor + Cable Loss - Pre Factor; Level = Reading + Factor.

4). Adapter of SA182V-120150U and TEKA-TC120150US were tested, the report only recorded the worst result of SA182V-120150U.



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5.5.8. Results for Radiated Emissions (Above 1GHz)

Temperature	23.1℃	Humidity	52.3%
Test Engineer	Ling Zhu	Configurations	IEEE 802.11a/n/ac/ax

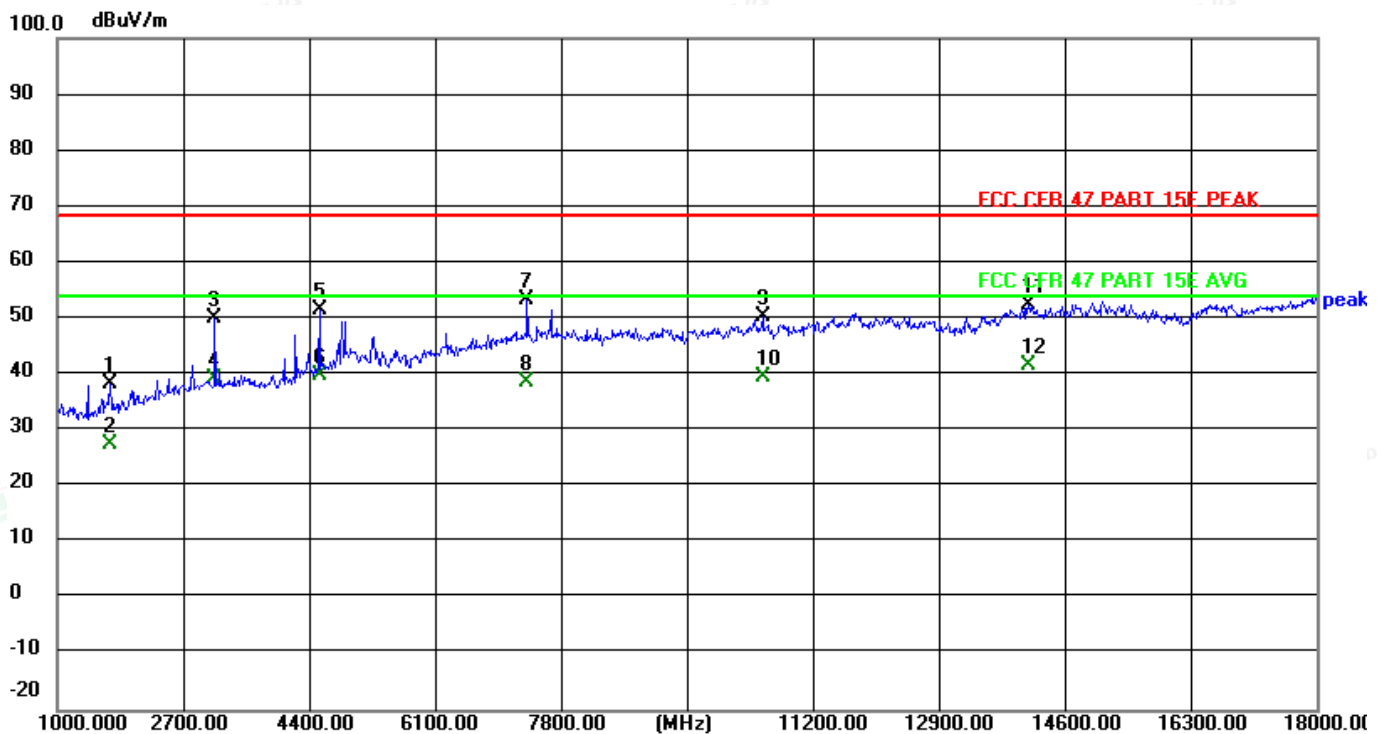
Note: All the modes have been tested and recorded worst mode in the report.

20MHz BW

Worst Case Mode: 802.11a ANT1

Worst Case Transfer Rate: 6Mbps

Operating Frequency/Channel: 5260MHz/52

Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1714.000	52.76	-14.35	38.41	68.20	-29.79	peak	P
2	1714.000	41.98	-14.35	27.63	54.00	-26.37	AVG	P
3	3125.000	59.64	-9.55	50.09	68.20	-18.11	peak	P
4	3125.000	48.85	-9.55	39.30	54.00	-14.70	AVG	P
5	4536.000	57.83	-6.40	51.43	68.20	-16.77	peak	P
6	4536.000	46.10	-6.40	39.70	54.00	-14.30	AVG	P
7	7341.000	53.00	0.38	53.38	68.20	-14.82	peak	P
8	7341.000	38.24	0.38	38.62	54.00	-15.38	AVG	P
9	10520.000	45.74	4.48	50.22	68.20	-17.98	peak	P
10	10520.000	34.99	4.48	39.47	54.00	-14.53	AVG	P
11	14107.000	43.25	9.27	52.52	68.20	-15.68	peak	P
12	14107.000	32.40	9.27	41.67	54.00	-12.33	AVG	P



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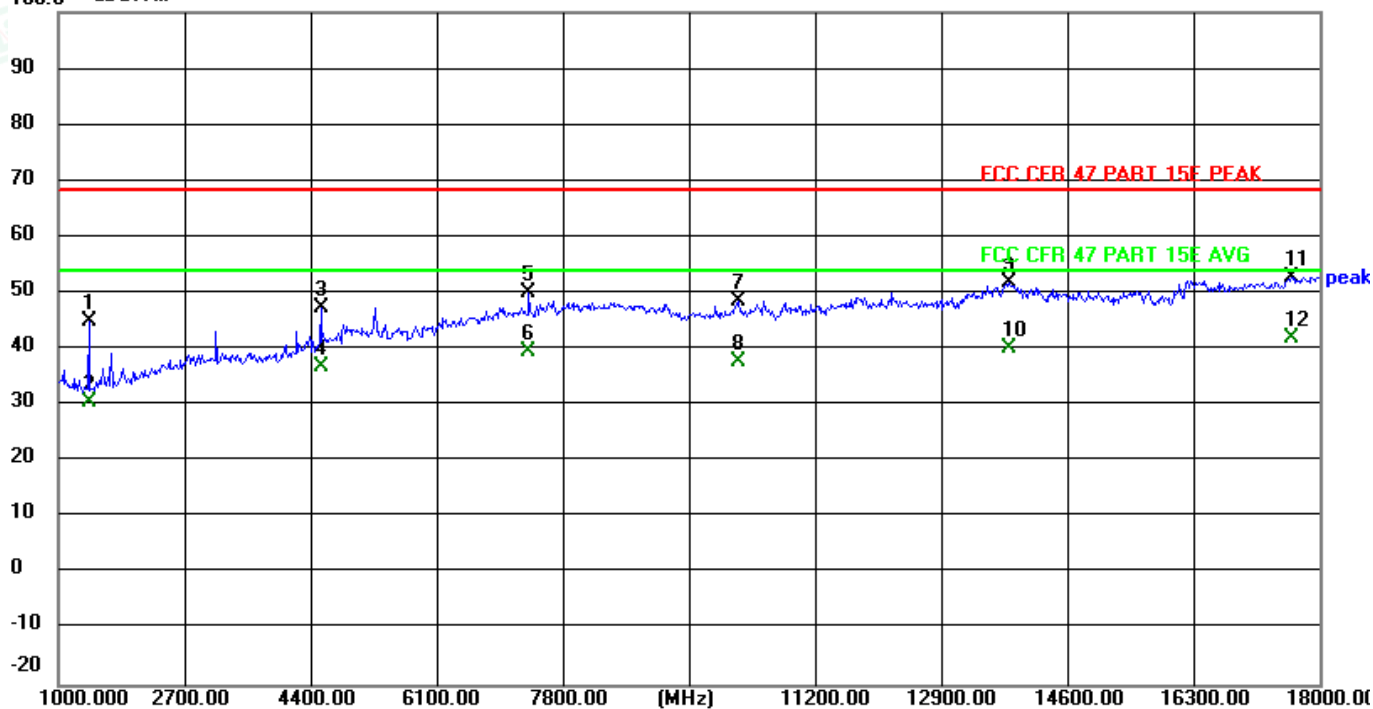
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1408.000	60.15	-15.24	44.91	68.20	-23.29	peak	P
2	1408.000	45.91	-15.24	30.67	54.00	-23.33	AVG	P
3	4536.000	53.70	-6.40	47.30	68.20	-20.90	peak	P
4	4536.000	43.27	-6.40	36.87	54.00	-17.13	AVG	P
5	7341.000	49.70	0.38	50.08	68.20	-18.12	peak	P
6	7341.000	39.24	0.38	39.62	54.00	-14.38	AVG	P
7	10163.000	44.75	3.84	48.59	68.20	-19.61	peak	P
8	10163.000	33.96	3.84	37.80	54.00	-16.20	AVG	P
9	13818.000	43.14	8.64	51.78	68.20	-16.42	peak	P
10	13818.000	31.66	8.64	40.30	54.00	-13.70	AVG	P
11	17626.000	37.39	15.30	52.69	68.20	-15.51	peak	P
12	17626.000	26.57	15.30	41.87	54.00	-12.13	AVG	P



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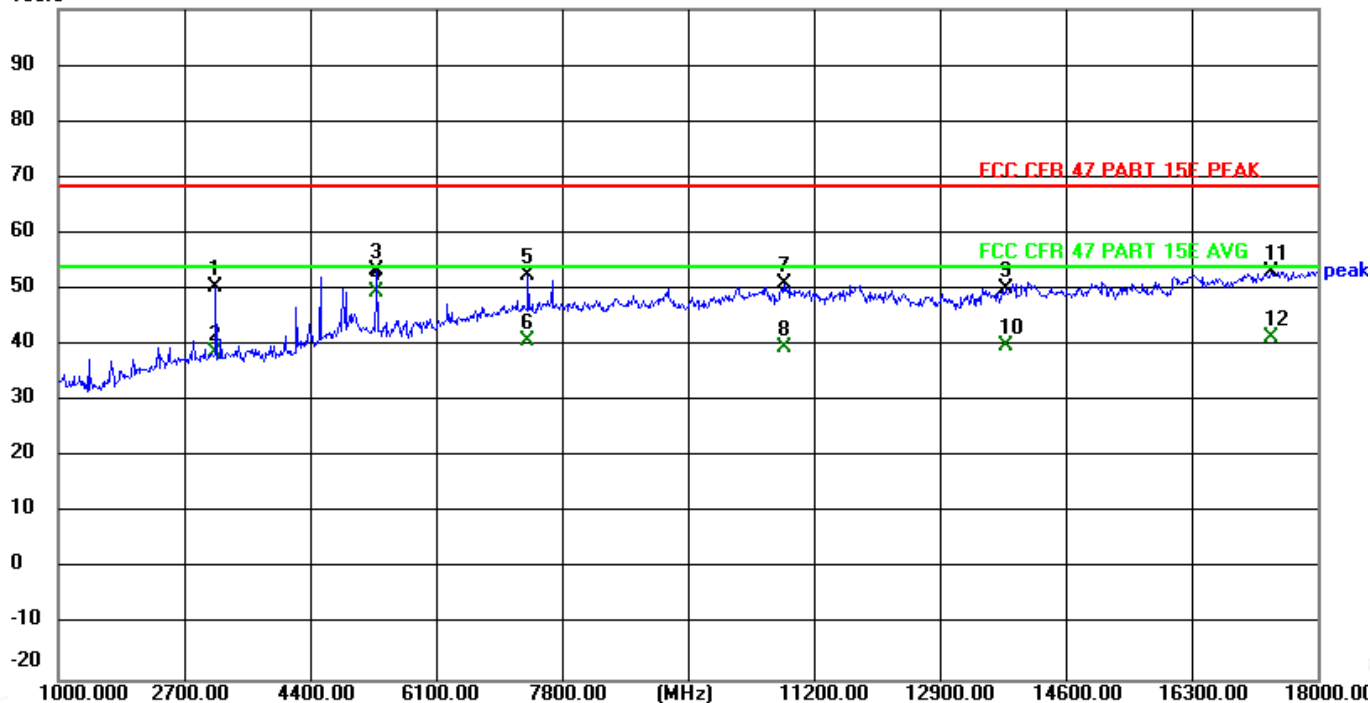
Scan code to check authenticity



Worst Case Mode: 802.11a ANT1
Worst Case Transfer Rate: 6Mbps
Operating Frequency/Channel: 5300MHz/60

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	60.02	-9.55	50.47	68.20	-17.73	peak	P
2	3125.000	48.18	-9.55	38.63	54.00	-15.37	AVG	P
3	5301.000	57.01	-3.57	53.44	68.20	-14.76	peak	P
4	5301.000	52.95	-3.57	49.38	54.00	-4.62	AVG	P
5	7341.000	52.21	0.38	52.59	68.20	-15.61	peak	P
6	7341.000	40.40	0.38	40.78	54.00	-13.22	AVG	P
7	10792.000	45.90	4.97	50.87	68.20	-17.33	peak	P
8	10792.000	34.71	4.97	39.68	54.00	-14.32	AVG	P
9	13784.000	41.63	8.54	50.17	68.20	-18.03	peak	P
10	13784.000	31.26	8.54	39.80	54.00	-14.20	AVG	P
11	17371.000	39.37	13.68	53.05	68.20	-15.15	peak	P
12	17371.000	27.58	13.68	41.26	54.00	-12.74	AVG	P



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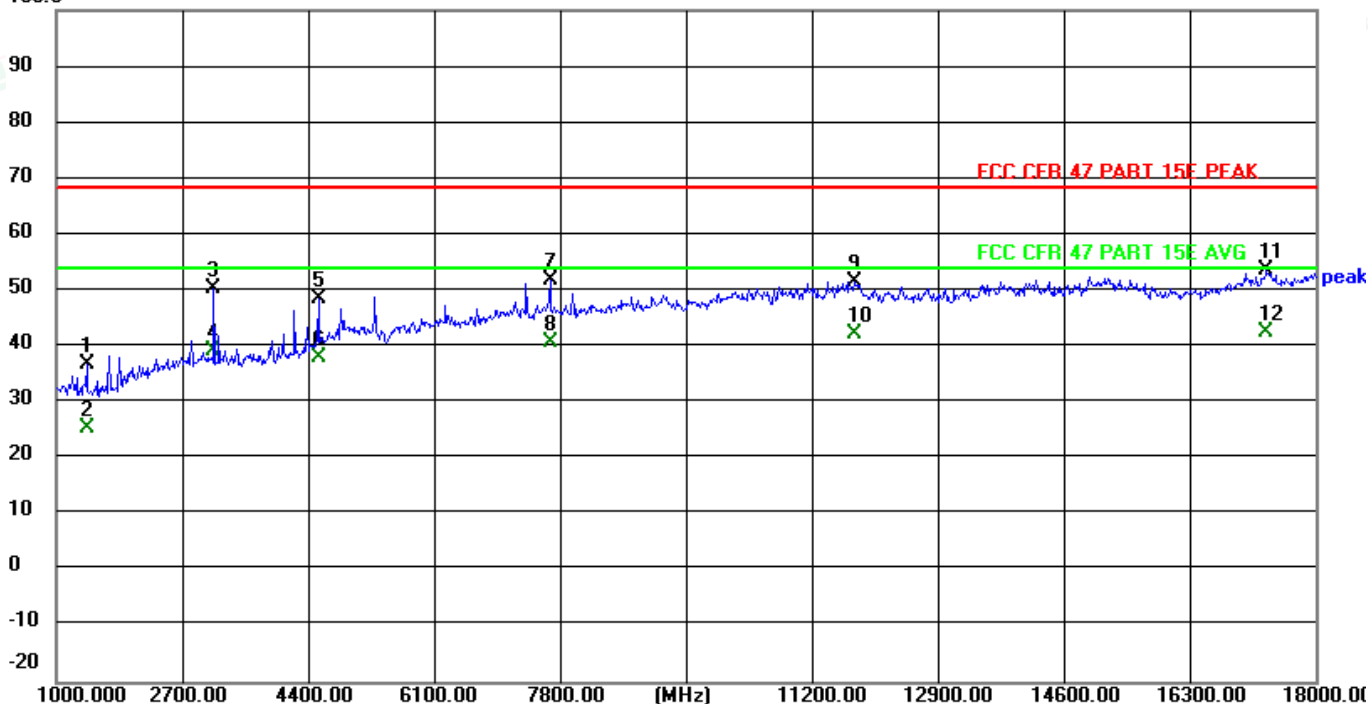
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1408.000	52.16	-15.24	36.92	68.20	-31.28	peak	P
2	1408.000	40.61	-15.24	25.37	54.00	-28.63	AVG	P
3	3125.000	59.77	-9.55	50.22	68.20	-17.98	peak	P
4	3125.000	48.68	-9.55	39.13	54.00	-14.87	AVG	P
5	4536.000	54.94	-6.40	48.54	68.20	-19.66	peak	P
6	4536.000	44.54	-6.40	38.14	54.00	-15.86	AVG	P
7	7664.000	51.09	0.65	51.74	68.20	-16.46	peak	P
8	7664.000	40.03	0.65	40.68	54.00	-13.32	AVG	P
9	11778.000	45.20	6.39	51.59	68.20	-16.61	peak	P
10	11778.000	35.98	6.39	42.37	54.00	-11.63	AVG	P
11	17337.000	40.16	13.47	53.63	68.20	-14.57	peak	P
12	17337.000	29.07	13.47	42.54	54.00	-11.46	AVG	P



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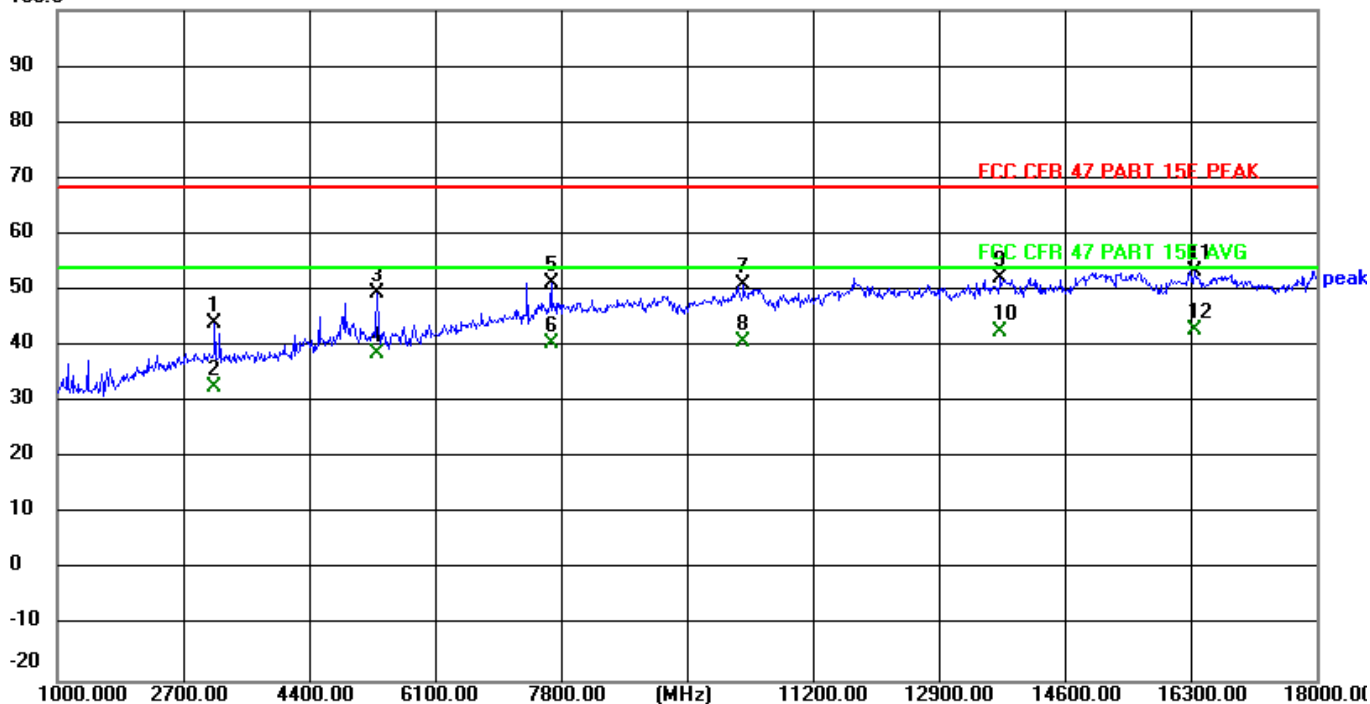
Worst Case Mode: 802.11a ANT1

Worst Case Transfer Rate: 6Mbps

Operating Frequency/Channel: 5320MHz/64

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	53.53	-9.55	43.98	68.20	-24.22	peak	P
2	3125.000	42.33	-9.55	32.78	54.00	-21.22	AVG	P
3	5318.000	53.09	-3.54	49.55	68.20	-18.65	peak	P
4	5318.000	42.16	-3.54	38.62	54.00	-15.38	AVG	P
5	7664.000	50.66	0.72	51.38	68.20	-16.82	peak	P
6	7664.000	39.66	0.72	40.38	54.00	-13.62	AVG	P
7	10265.000	46.99	4.02	51.01	68.20	-17.19	peak	P
8	10265.000	36.87	4.02	40.89	54.00	-13.11	AVG	P
9	13733.000	43.80	8.39	52.19	68.20	-16.01	peak	P
10	13733.000	34.28	8.39	42.67	54.00	-11.33	AVG	P
11	16351.000	44.63	8.73	53.36	68.20	-14.84	peak	P
12	16351.000	34.15	8.73	42.88	54.00	-11.12	AVG	P



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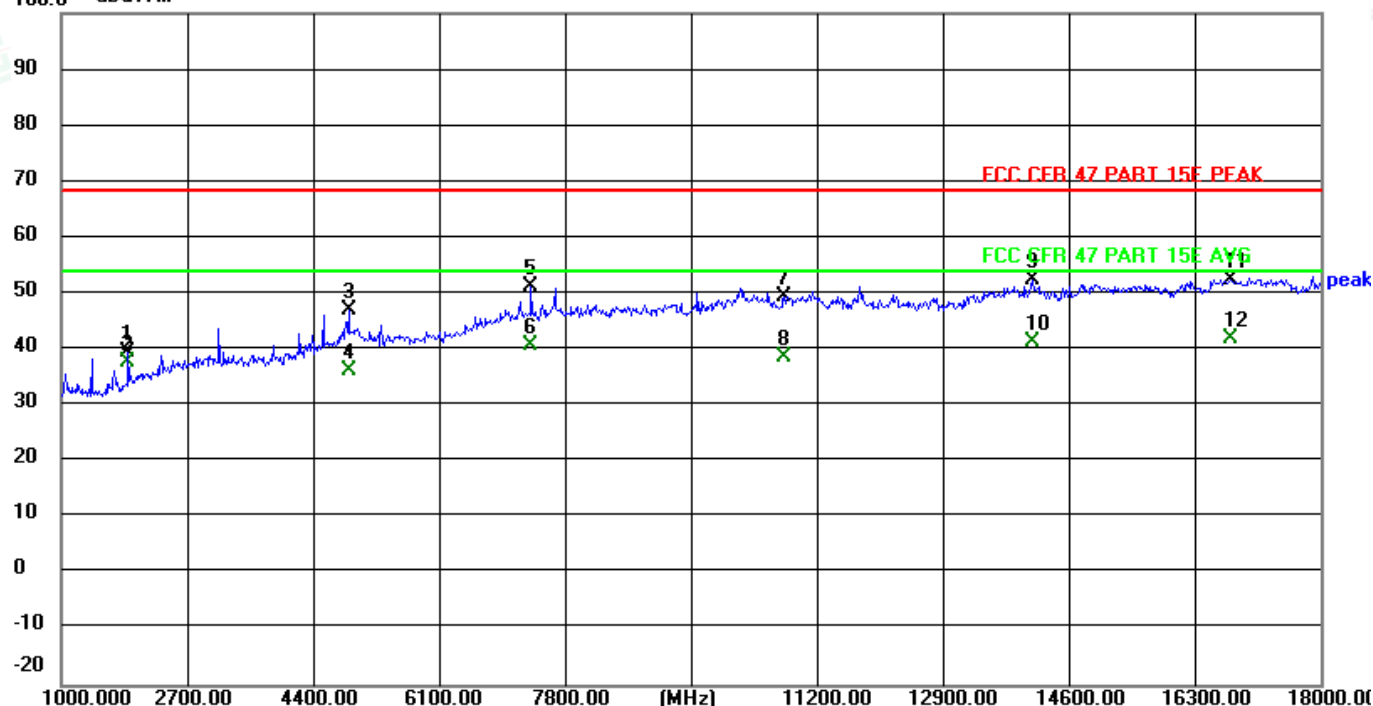
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1901.000	53.11	-13.62	39.49	68.20	-28.71	peak	P
2	1901.000	51.25	-13.62	37.63	54.00	-16.37	AVG	P
3	4876.000	51.90	-4.73	47.17	68.20	-21.03	peak	P
4	4876.000	41.01	-4.73	36.28	54.00	-17.72	AVG	P
5	7341.000	50.93	0.38	51.31	68.20	-16.89	peak	P
6	7341.000	40.45	0.38	40.83	54.00	-13.17	AVG	P
7	10758.000	44.67	4.92	49.59	68.20	-18.61	peak	P
8	10758.000	33.65	4.92	38.57	54.00	-15.43	AVG	P
9	14107.000	43.04	9.27	52.31	68.20	-15.89	peak	P
10	14107.000	32.20	9.27	41.47	54.00	-12.53	AVG	P
11	16776.000	42.09	10.43	52.52	68.20	-15.68	peak	P
12	16776.000	31.55	10.43	41.98	54.00	-12.02	AVG	P



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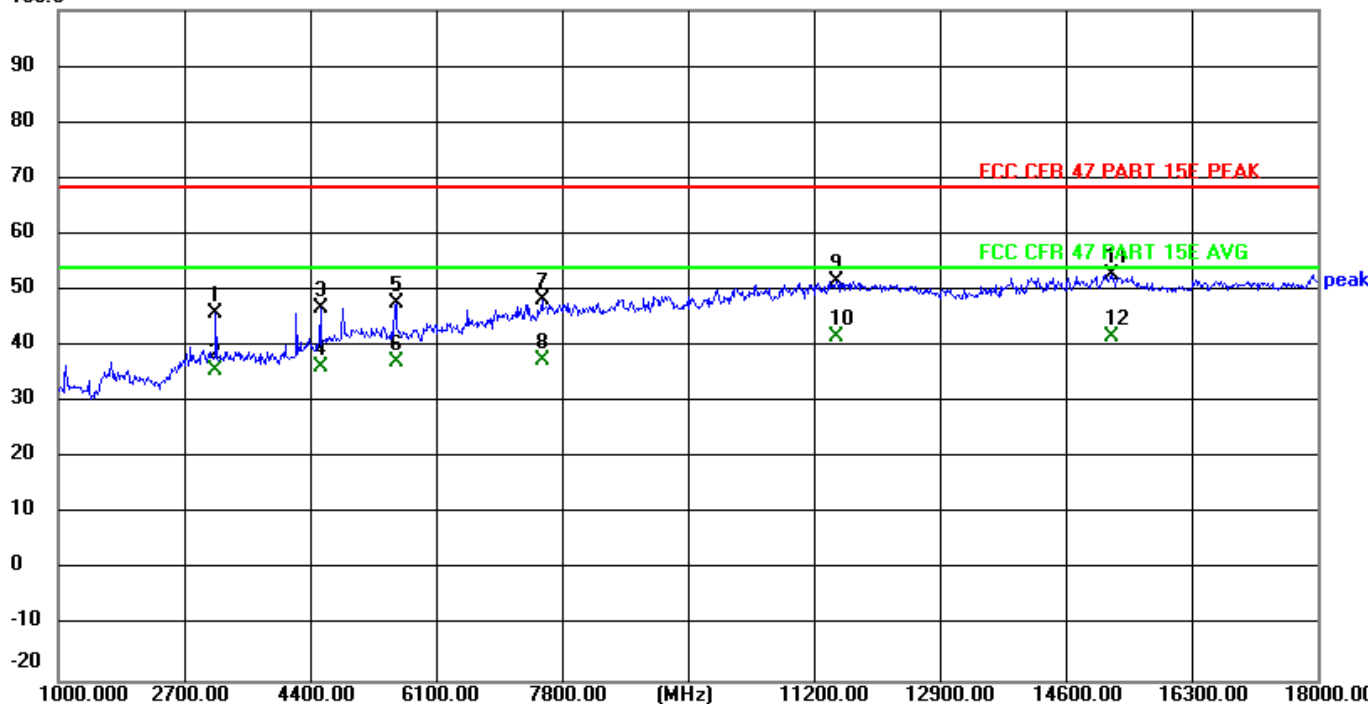
Scan code to check authenticity



Worst Case Mode: 802.11a ANT1
Worst Case Transfer Rate: 6Mbps
Operating Frequency/Channel: 5500MHz/100

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	55.33	-9.55	45.78	68.20	-22.42	peak	P
2	3125.000	45.22	-9.55	35.67	54.00	-18.33	AVG	P
3	4536.000	53.20	-6.40	46.80	68.20	-21.40	peak	P
4	4536.000	42.68	-6.40	36.28	54.00	-17.72	AVG	P
5	5556.000	51.04	-3.26	47.78	68.20	-20.42	peak	P
6	5556.000	40.50	-3.26	37.24	54.00	-16.76	AVG	P
7	7528.000	47.50	0.66	48.16	68.20	-20.04	peak	P
8	7528.000	36.87	0.66	37.53	54.00	-16.47	AVG	P
9	11506.000	45.48	6.02	51.50	68.20	-16.70	peak	P
10	11506.000	35.55	6.02	41.57	54.00	-12.43	AVG	P
11	15212.000	43.33	9.43	52.76	68.20	-15.44	peak	P
12	15212.000	32.21	9.43	41.64	54.00	-12.36	AVG	P



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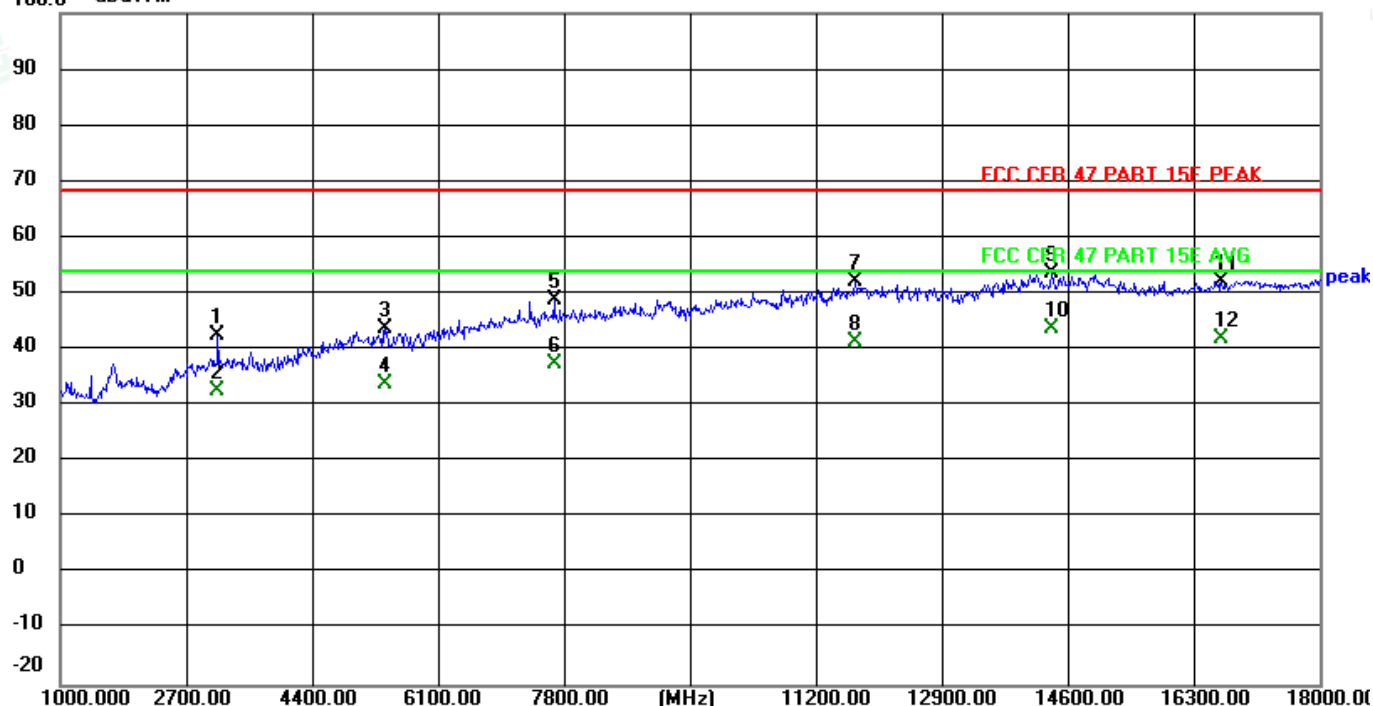
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	52.00	-9.55	42.45	68.20	-25.75	peak	P
2	3125.000	42.15	-9.55	32.60	54.00	-21.40	AVG	P
3	5386.000	47.23	-3.41	43.82	68.20	-24.38	peak	P
4	5386.000	37.11	-3.41	33.70	54.00	-20.30	AVG	P
5	7664.000	48.25	0.65	48.90	68.20	-19.30	peak	P
6	7664.000	36.87	0.65	37.52	54.00	-16.48	AVG	P
7	11727.000	45.87	6.33	52.20	68.20	-16.00	peak	P
8	11727.000	35.05	6.33	41.38	54.00	-12.62	AVG	P
9	14379.000	44.04	9.49	53.53	68.20	-14.67	peak	P
10	14379.000	34.18	9.49	43.67	54.00	-10.33	AVG	P
11	16674.000	42.17	10.02	52.19	68.20	-16.01	peak	P
12	16674.000	31.87	10.02	41.89	54.00	-12.11	AVG	P



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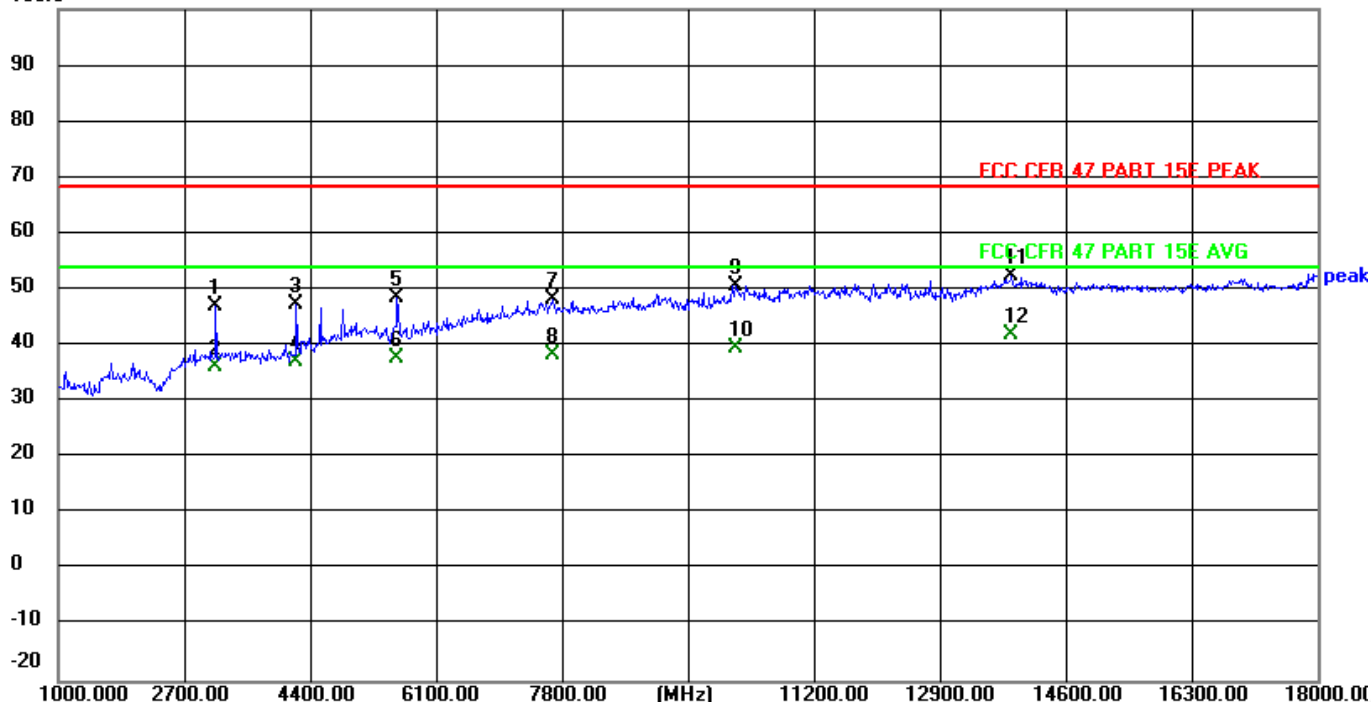
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Worst Case Mode: 802.11a ANT1
Worst Case Transfer Rate: 6Mbps
Operating Frequency/Channel: 5580MHz/116

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.54	-9.55	46.99	68.20	-21.21	peak	P
2	3125.000	45.71	-9.55	36.16	54.00	-17.84	AVG	P
3	4213.000	55.11	-7.70	47.41	68.20	-20.79	peak	P
4	4213.000	44.84	-7.70	37.14	54.00	-16.86	AVG	P
5	5573.000	51.74	-3.28	48.46	68.20	-19.74	peak	P
6	5573.000	41.17	-3.28	37.89	54.00	-16.11	AVG	P
7	7664.000	47.62	0.72	48.34	68.20	-19.86	peak	P
8	7664.000	37.48	0.72	38.20	54.00	-15.80	AVG	P
9	10146.000	46.87	3.82	50.69	68.20	-17.51	peak	P
10	10146.000	35.82	3.82	39.64	54.00	-14.36	AVG	P
11	13869.000	43.80	8.79	52.59	68.20	-15.61	peak	P
12	13869.000	33.04	8.79	41.83	54.00	-12.17	AVG	P



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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	59.38	-9.55	49.83	68.20	-18.37	peak	P
2	3125.000	47.71	-9.55	38.16	54.00	-15.84	AVG	P
3	4536.000	56.08	-6.40	49.68	68.20	-18.52	peak	P
4	4536.000	44.83	-6.40	38.43	54.00	-15.57	AVG	P
5	7341.000	50.25	0.38	50.63	68.20	-17.57	peak	P
6	7341.000	49.29	0.38	49.67	54.00	-4.33	AVG	P
7	10129.000	46.21	3.78	49.99	68.20	-18.21	peak	P
8	10129.000	35.72	3.78	39.50	54.00	-14.50	AVG	P
9	12016.000	42.91	6.68	49.59	68.20	-18.61	peak	P
10	12016.000	33.19	6.68	39.87	54.00	-14.13	AVG	P
11	15110.000	42.36	9.71	52.07	68.20	-16.13	peak	P
12	15110.000	32.62	9.71	42.33	54.00	-11.67	AVG	P



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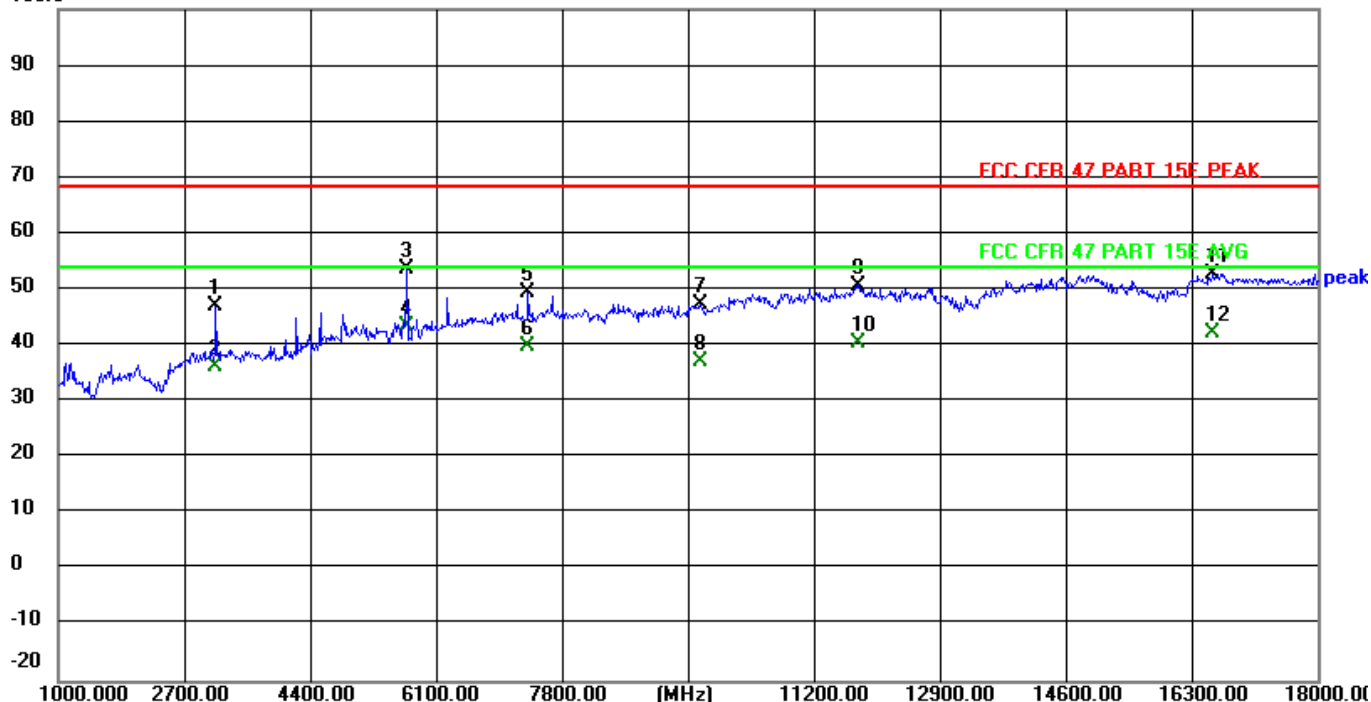
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Worst Case Mode: 802.11a ANT1
Worst Case Transfer Rate: 6Mbps
Operating Frequency/Channel: 5700MHz/140

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.66	-9.55	47.11	68.20	-21.09	peak	P
2	3125.000	45.83	-9.55	36.28	54.00	-17.72	AVG	P
3	5709.000	57.06	-3.41	53.65	68.20	-14.55	peak	P
4	5709.000	46.79	-3.41	43.38	54.00	-10.62	AVG	P
5	7341.000	49.16	0.38	49.54	68.20	-18.66	peak	P
6	7341.000	39.45	0.38	39.83	54.00	-14.17	AVG	P
7	9670.000	44.24	3.00	47.24	68.20	-20.96	peak	P
8	9670.000	34.24	3.00	37.24	54.00	-16.76	AVG	P
9	11795.000	44.39	6.41	50.80	68.20	-17.40	peak	P
10	11795.000	34.12	6.41	40.53	54.00	-13.47	AVG	P
11	16589.000	43.17	9.68	52.85	68.20	-15.35	peak	P
12	16589.000	32.69	9.68	42.37	54.00	-11.63	AVG	P



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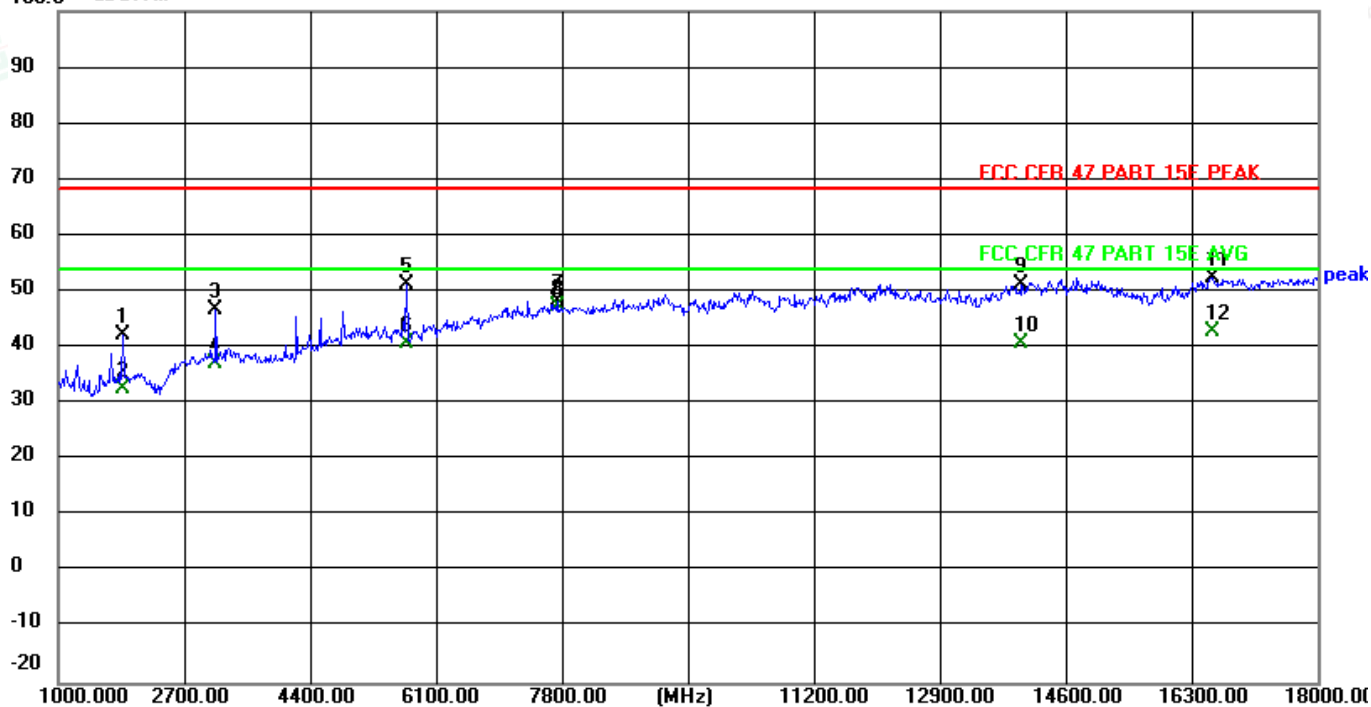
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1867.000	55.94	-13.81	42.13	68.20	-26.07	peak	P
2	1867.000	46.49	-13.81	32.68	54.00	-21.32	AVG	P
3	3125.000	56.38	-9.55	46.83	68.20	-21.37	peak	P
4	3125.000	46.81	-9.55	37.26	54.00	-16.74	AVG	P
5	5692.000	54.57	-3.40	51.17	68.20	-17.03	peak	P
6	5692.000	44.23	-3.40	40.83	54.00	-13.17	AVG	P
7	7732.000	47.42	0.75	48.17	68.20	-20.03	peak	P
8	7732.000	46.71	0.75	47.46	54.00	-6.54	AVG	P
9	14005.000	42.09	9.18	51.27	68.20	-16.93	peak	P
10	14005.000	31.62	9.18	40.80	54.00	-13.20	AVG	P
11	16572.000	42.79	9.61	52.40	68.20	-15.80	peak	P
12	16572.000	33.09	9.61	42.70	54.00	-11.30	AVG	P



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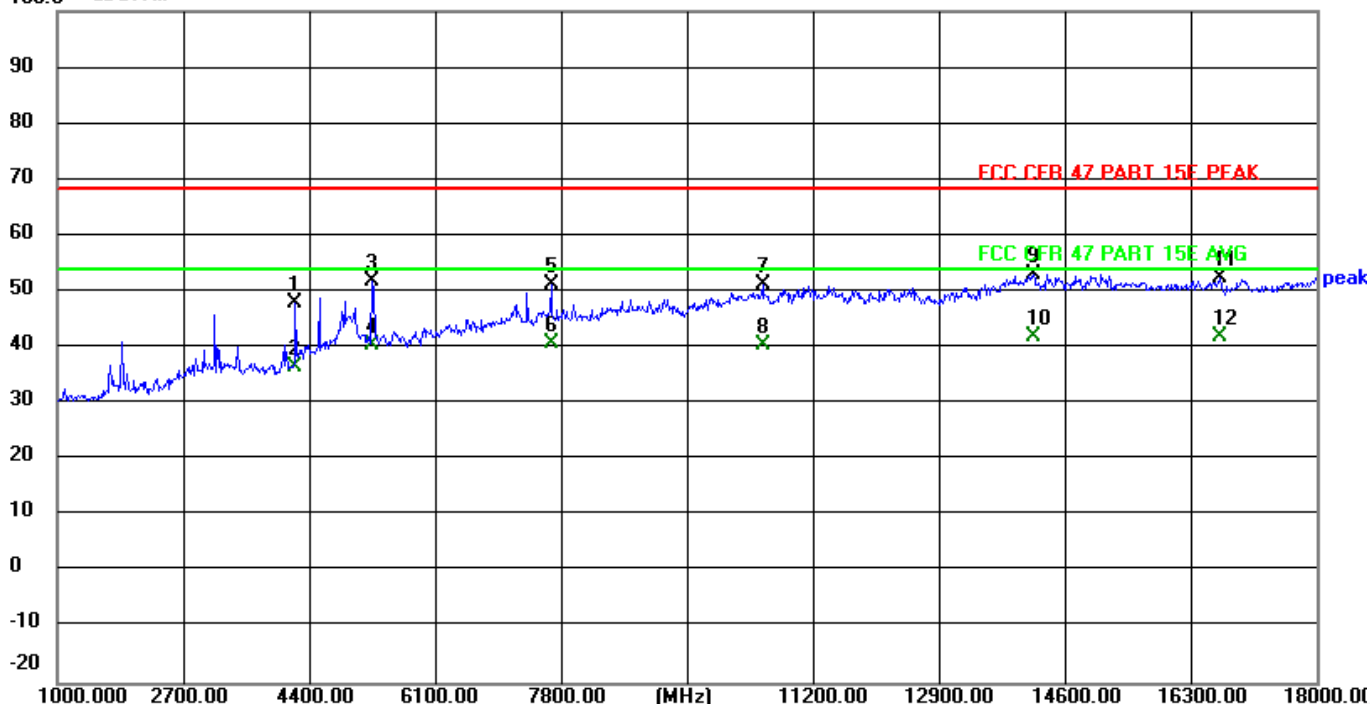
Scan code to check authenticity



Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5260MHz/52

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	4213.000	55.68	-7.70	47.98	68.20	-20.22	peak	P
2	4213.000	44.27	-7.70	36.57	54.00	-17.43	AVG	P
3	5250.000	55.45	-3.67	51.78	68.20	-16.42	peak	P
4	5250.000	44.05	-3.67	40.38	54.00	-13.62	AVG	P
5	7664.000	50.56	0.72	51.28	68.20	-16.92	peak	P
6	7664.000	40.15	0.72	40.87	54.00	-13.13	AVG	P
7	10520.000	46.67	4.48	51.15	68.20	-17.05	peak	P
8	10520.000	35.84	4.48	40.32	54.00	-13.68	AVG	P
9	14175.000	43.63	9.32	52.95	68.20	-15.25	peak	P
10	14175.000	32.55	9.32	41.87	54.00	-12.13	AVG	P
11	16691.000	42.39	10.09	52.48	68.20	-15.72	peak	P
12	16691.000	31.74	10.09	41.83	54.00	-12.17	AVG	P



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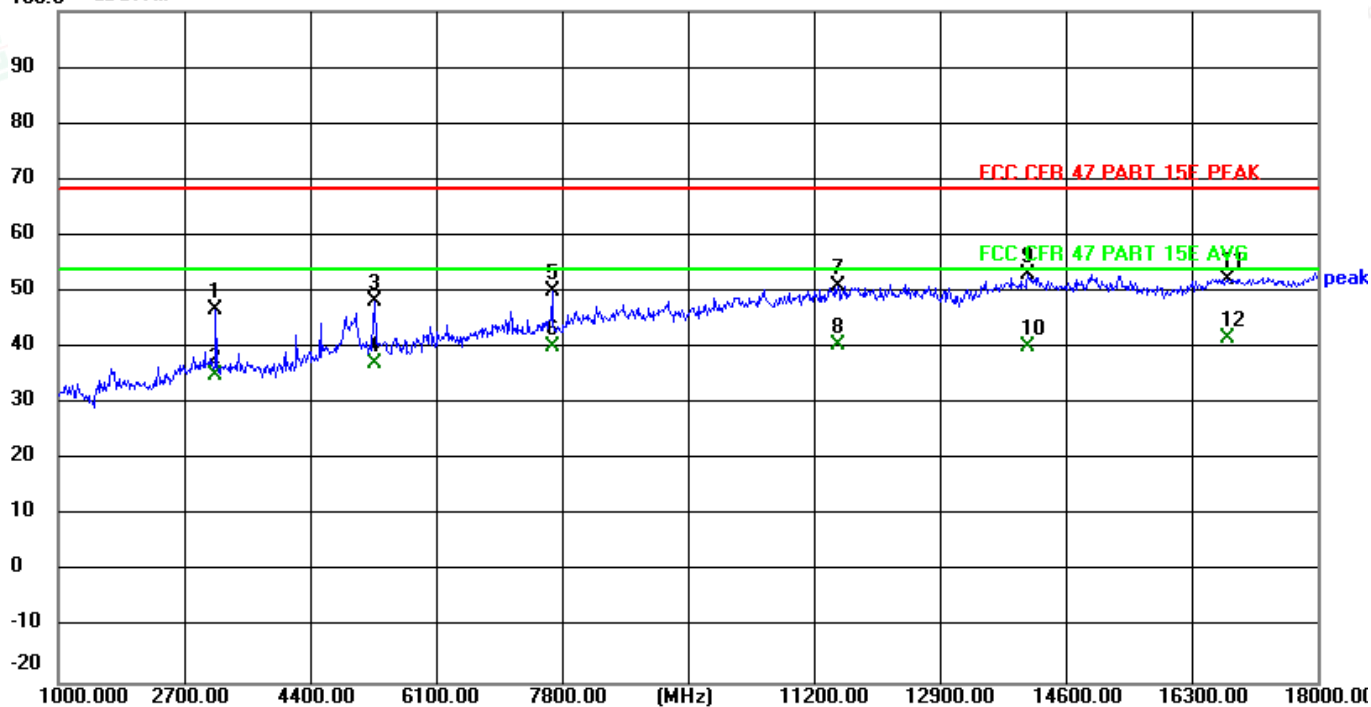
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.44	-9.55	46.89	68.20	-21.31	peak	P
2	3125.000	44.72	-9.55	35.17	54.00	-18.83	AVG	P
3	5267.000	51.94	-3.64	48.30	68.20	-19.90	peak	P
4	5267.000	40.84	-3.64	37.20	54.00	-16.80	AVG	P
5	7664.000	49.39	0.65	50.04	68.20	-18.16	peak	P
6	7664.000	39.62	0.65	40.27	54.00	-13.73	AVG	P
7	11523.000	44.84	6.04	50.88	68.20	-17.32	peak	P
8	11523.000	34.29	6.04	40.33	54.00	-13.67	AVG	P
9	14090.000	43.76	9.25	53.01	68.20	-15.19	peak	P
10	14090.000	31.03	9.25	40.28	54.00	-13.72	AVG	P
11	16793.000	41.69	10.50	52.19	68.20	-16.01	peak	P
12	16793.000	31.24	10.50	41.74	54.00	-12.26	AVG	P



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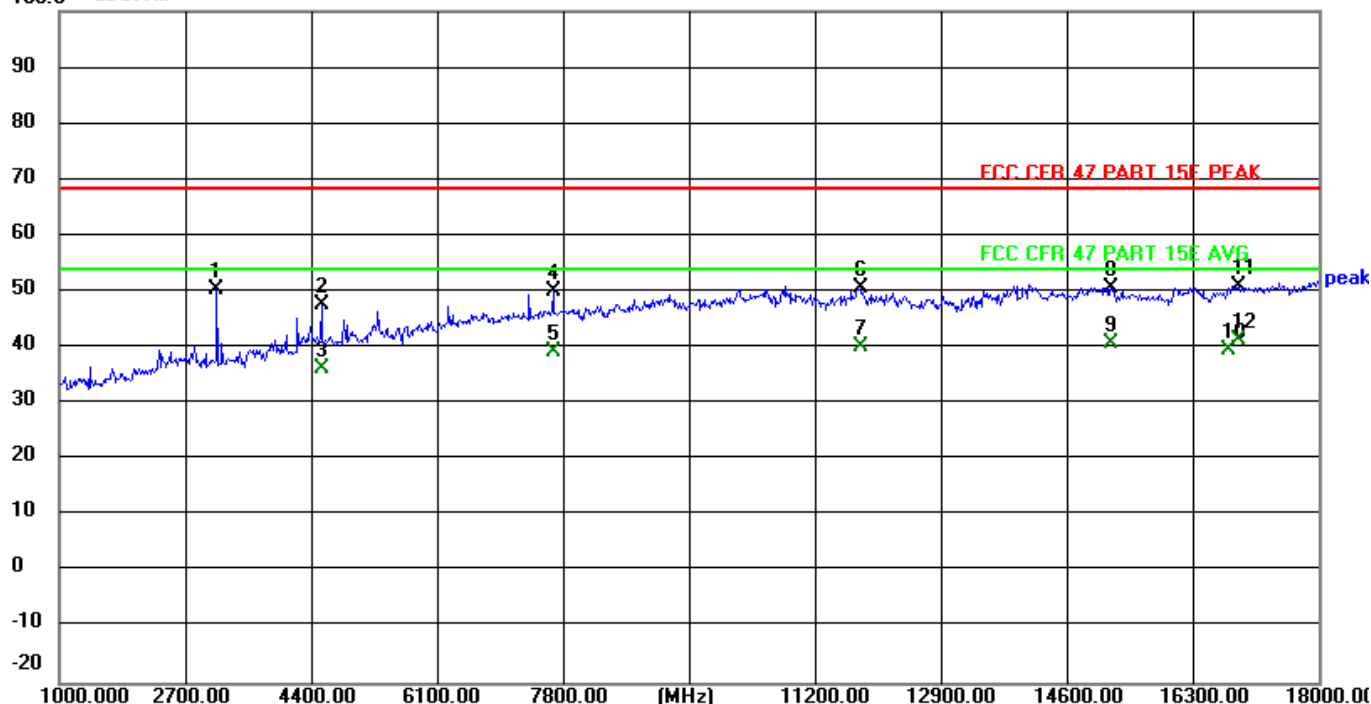
Scan code to check authenticity



Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5300MHz/60

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	60.02	-9.55	50.47	68.20	-17.73	peak	P
2	4536.000	53.91	-6.40	47.51	68.20	-20.69	peak	P
3	4536.000	42.68	-6.40	36.28	54.00	-17.72	AVG	P
4	7664.000	49.53	0.65	50.18	68.20	-18.02	peak	P
5	7664.000	38.63	0.65	39.28	54.00	-14.72	AVG	P
6	11812.000	44.12	6.43	50.55	68.20	-17.65	peak	P
7	11812.000	33.67	6.43	40.10	54.00	-13.90	AVG	P
8	15195.000	41.30	9.48	50.78	68.20	-17.42	peak	P
9	15195.000	31.37	9.48	40.85	54.00	-13.15	AVG	P
10	16793.000	29.07	10.50	39.57	54.00	-14.43	AVG	P
11	16912.000	40.10	10.98	51.08	68.20	-17.12	peak	P
12	16912.000	30.40	10.98	41.38	54.00	-12.62	AVG	P



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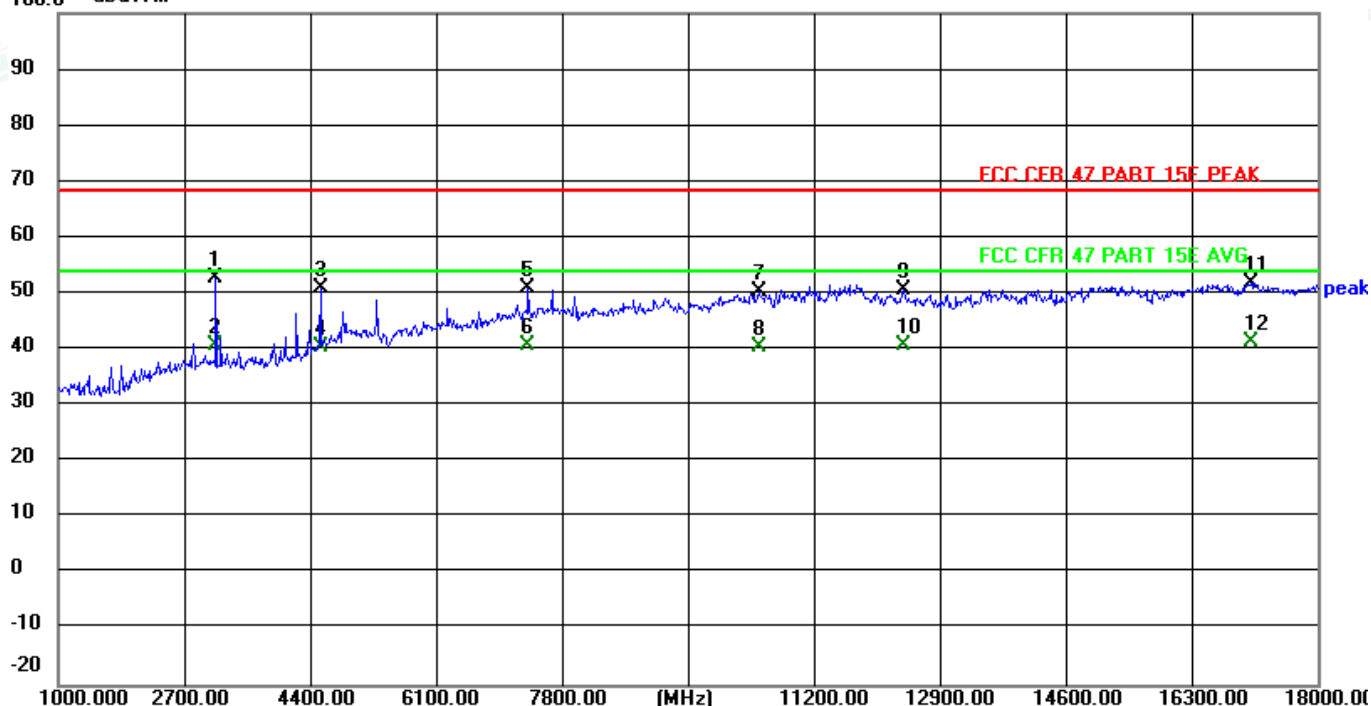
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/P
1	3125.000	62.27	-9.55	52.72	68.20	-15.48	peak	P
2	3125.000	50.30	-9.55	40.75	54.00	-13.25	AVG	P
3	4536.000	57.44	-6.40	51.04	68.20	-17.16	peak	P
4	4536.000	46.75	-6.40	40.35	54.00	-13.65	AVG	P
5	7341.000	50.44	0.38	50.82	68.20	-17.38	peak	P
6	7341.000	40.49	0.38	40.87	54.00	-13.13	AVG	P
7	10452.000	45.86	4.36	50.22	68.20	-17.98	peak	P
8	10452.000	36.24	4.36	40.60	54.00	-13.40	AVG	P
9	12407.000	44.12	6.51	50.63	68.20	-17.57	peak	P
10	12407.000	34.32	6.51	40.83	54.00	-13.17	AVG	P
11	17099.000	39.89	11.95	51.84	68.20	-16.36	peak	P
12	17099.000	29.55	11.95	41.50	54.00	-12.50	AVG	P



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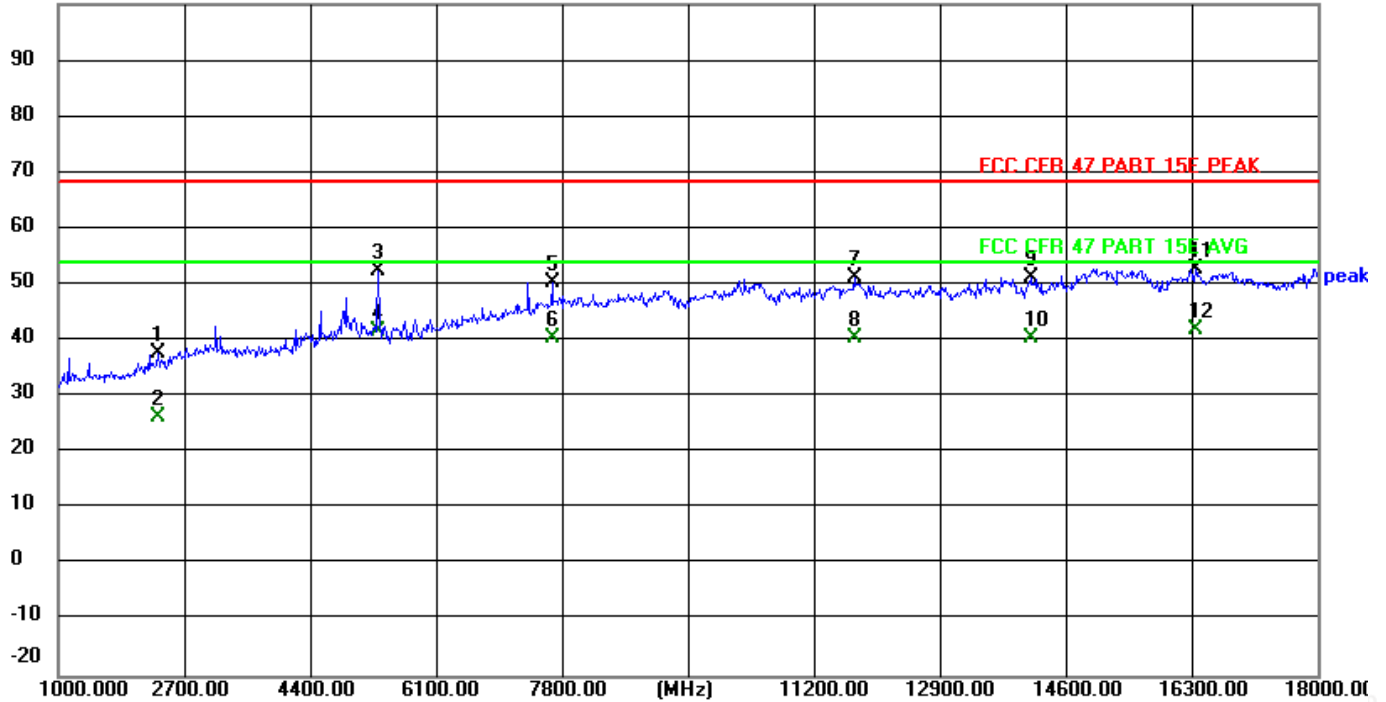
Scan code to check authenticity



Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5320MHz/64

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2343.000	49.72	-11.90	37.82	68.20	-30.38	peak	P
2	2343.000	38.18	-11.90	26.28	54.00	-27.72	AVG	P
3	5318.000	56.09	-3.54	52.55	68.20	-15.65	peak	P
4	5318.000	45.18	-3.54	41.64	54.00	-12.36	AVG	P
5	7664.000	49.66	0.72	50.38	68.20	-17.82	peak	P
6	7664.000	39.66	0.72	40.38	54.00	-13.62	AVG	P
7	11744.000	44.83	6.34	51.17	68.20	-17.03	peak	P
8	11744.000	34.23	6.34	40.57	54.00	-13.43	AVG	P
9	14124.000	41.98	9.28	51.26	68.20	-16.94	peak	P
10	14124.000	31.32	9.28	40.60	54.00	-13.40	AVG	P
11	16351.000	44.13	8.73	52.86	68.20	-15.34	peak	P
12	16351.000	33.10	8.73	41.83	54.00	-12.17	AVG	P



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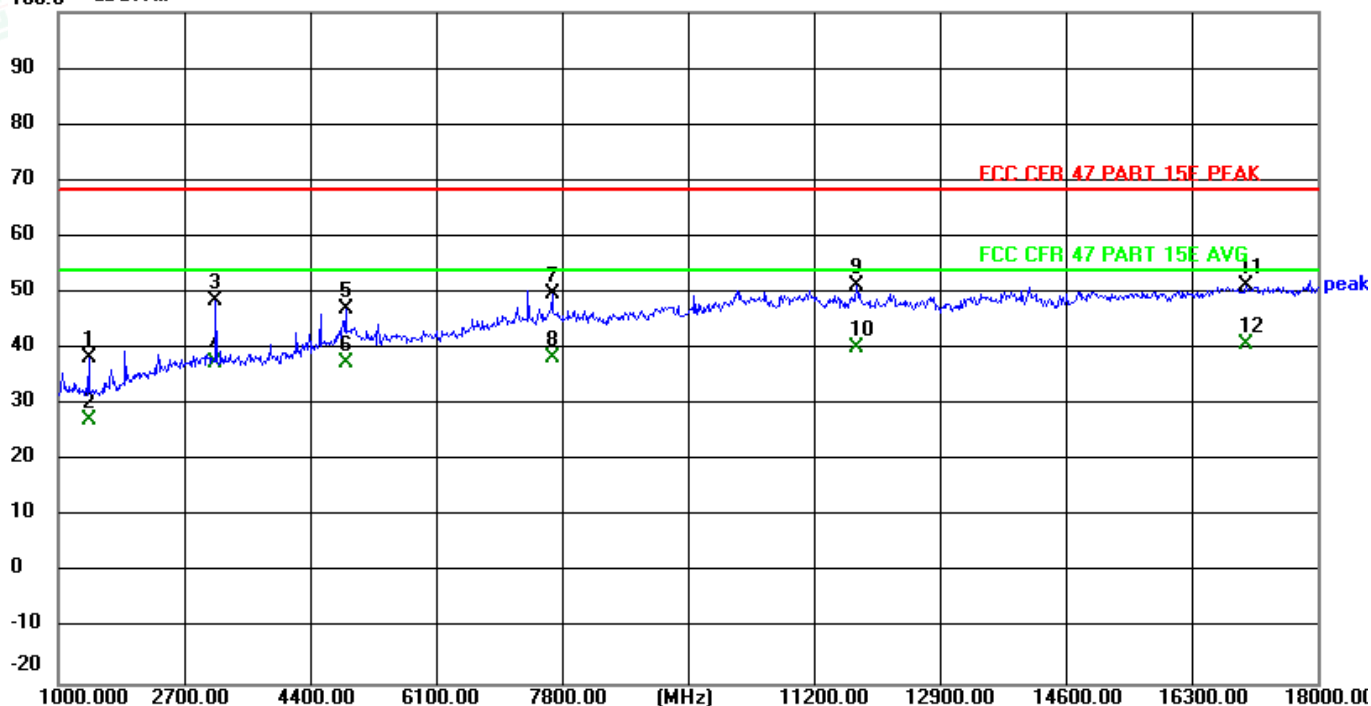
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1408.000	53.63	-15.24	38.39	68.20	-29.81	peak	P
2	1408.000	42.63	-15.24	27.39	54.00	-26.61	AVG	P
3	3125.000	58.20	-9.55	48.65	68.20	-19.55	peak	P
4	3125.000	46.95	-9.55	37.40	54.00	-16.60	AVG	P
5	4876.000	51.90	-4.73	47.17	68.20	-21.03	peak	P
6	4876.000	42.33	-4.73	37.60	54.00	-16.40	AVG	P
7	7664.000	49.15	0.65	49.80	68.20	-18.40	peak	P
8	7664.000	37.67	0.65	38.32	54.00	-15.68	AVG	P
9	11778.000	44.74	6.39	51.13	68.20	-17.07	peak	P
10	11778.000	33.87	6.39	40.26	54.00	-13.74	AVG	P
11	17031.000	39.60	11.52	51.12	68.20	-17.08	peak	P
12	17031.000	29.38	11.52	40.90	54.00	-13.10	AVG	P



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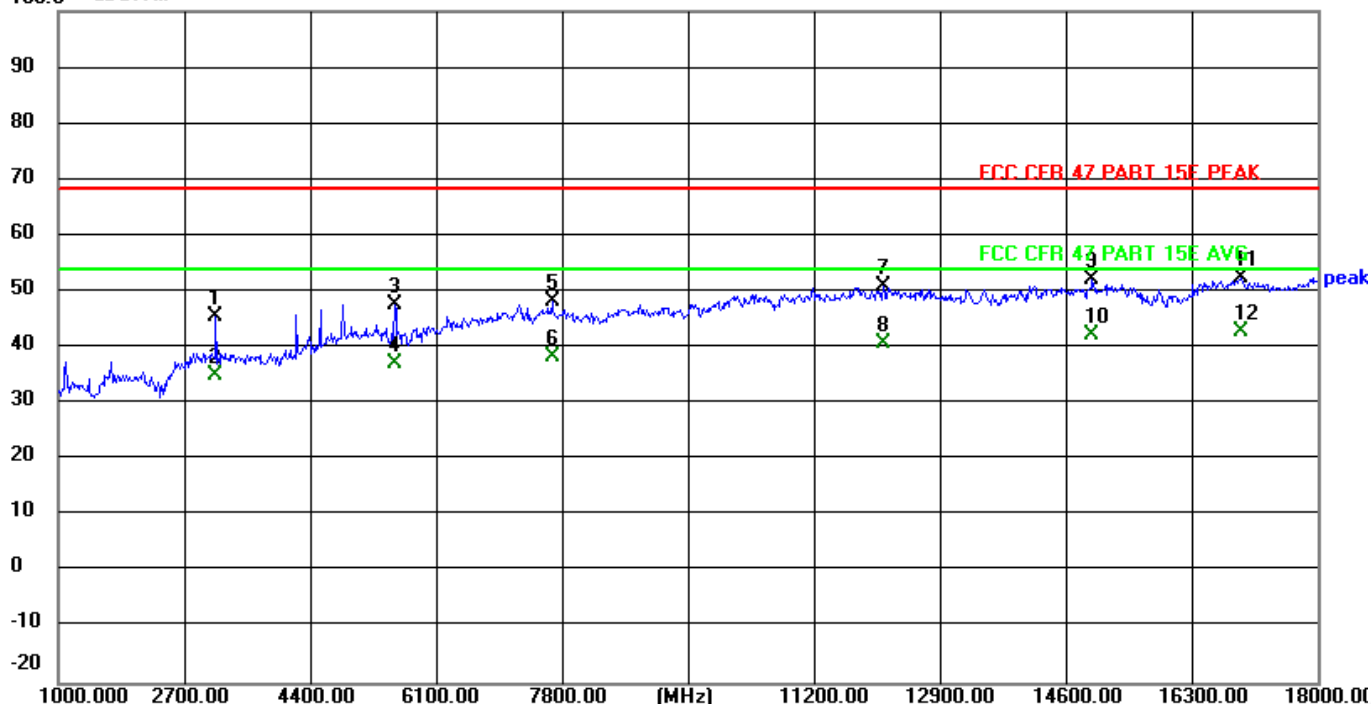
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5500MHz/100

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	54.99	-9.55	45.44	68.20	-22.76	peak	P
2	3125.000	44.68	-9.55	35.13	54.00	-18.87	AVG	P
3	5539.000	51.01	-3.25	47.76	68.20	-20.44	peak	P
4	5539.000	40.44	-3.25	37.19	54.00	-16.81	AVG	P
5	7664.000	47.58	0.72	48.30	68.20	-19.90	peak	P
6	7664.000	37.52	0.72	38.24	54.00	-15.76	AVG	P
7	12135.000	44.24	6.63	50.87	68.20	-17.33	peak	P
8	12135.000	34.20	6.63	40.83	54.00	-13.17	AVG	P
9	14957.000	42.33	9.96	52.29	68.20	-15.91	peak	P
10	14957.000	32.36	9.96	42.32	54.00	-11.68	AVG	P
11	16963.000	41.27	11.17	52.44	68.20	-15.76	peak	P
12	16963.000	31.66	11.17	42.83	54.00	-11.17	AVG	P



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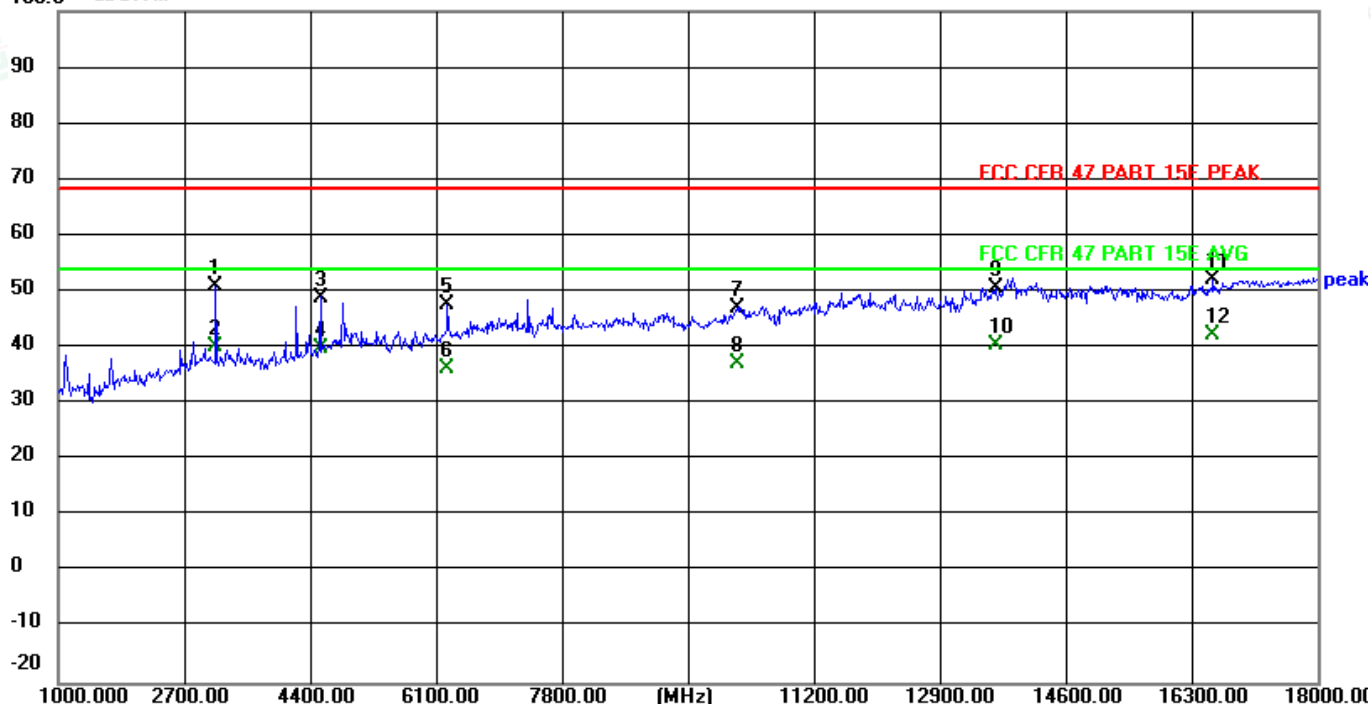
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	60.53	-9.55	50.98	68.20	-17.22	peak	P
2	3125.000	49.68	-9.55	40.13	54.00	-13.87	AVG	P
3	4536.000	55.40	-6.40	49.00	68.20	-19.20	peak	P
4	4536.000	46.22	-6.40	39.82	54.00	-14.18	AVG	P
5	6253.000	50.16	-2.55	47.61	68.20	-20.59	peak	P
6	6253.000	38.83	-2.55	36.28	54.00	-17.72	AVG	P
7	10163.000	43.10	3.84	46.94	68.20	-21.26	peak	P
8	10163.000	33.45	3.84	37.29	54.00	-16.71	AVG	P
9	13648.000	42.55	8.15	50.70	68.20	-17.50	peak	P
10	13648.000	32.19	8.15	40.34	54.00	-13.66	AVG	P
11	16589.000	42.37	9.68	52.05	68.20	-16.15	peak	P
12	16589.000	32.62	9.68	42.30	54.00	-11.70	AVG	P



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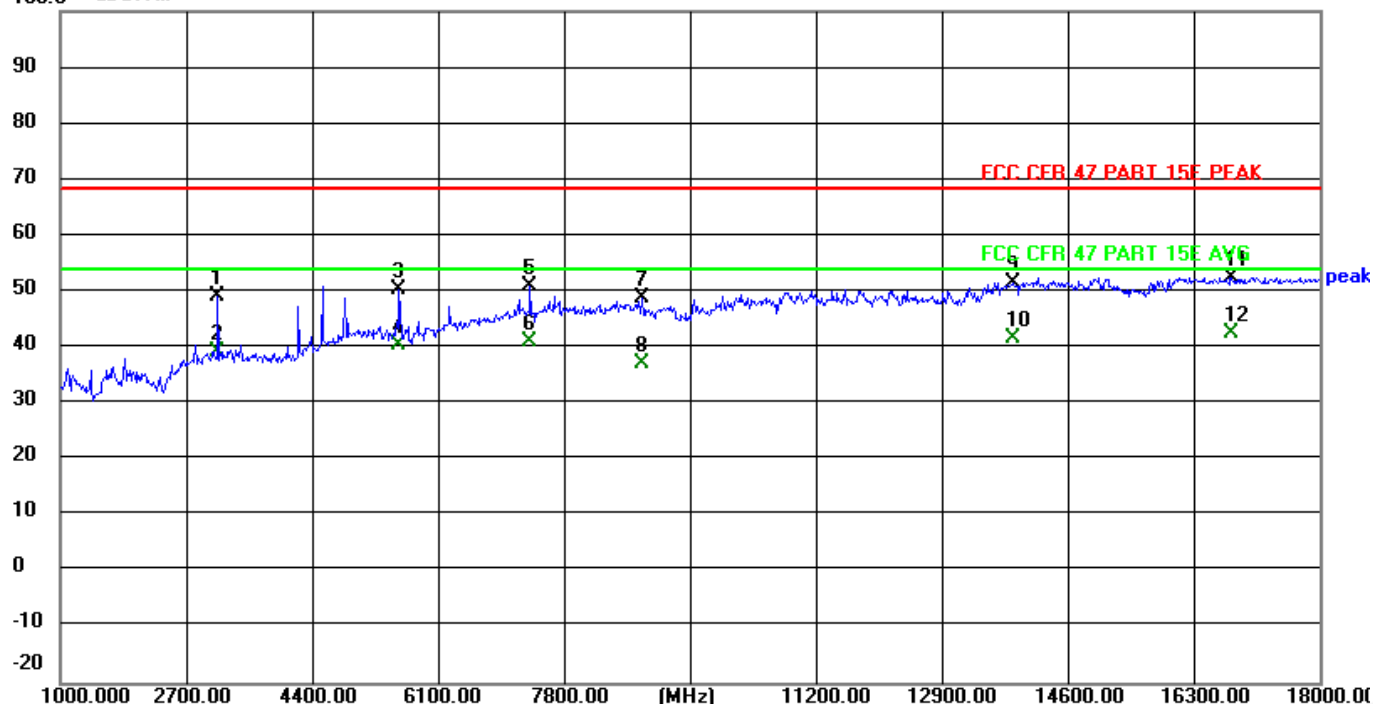
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5580MHz/116

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	58.81	-9.55	49.26	68.20	-18.94	peak	P
2	3125.000	48.73	-9.55	39.18	54.00	-14.82	AVG	P
3	5573.000	53.49	-3.28	50.21	68.20	-17.99	peak	P
4	5573.000	43.66	-3.28	40.38	54.00	-13.62	AVG	P
5	7341.000	50.61	0.38	50.99	68.20	-17.21	peak	P
6	7341.000	40.55	0.38	40.93	54.00	-13.07	AVG	P
7	8854.000	47.01	1.74	48.75	68.20	-19.45	peak	P
8	8854.000	35.52	1.74	37.26	54.00	-16.74	AVG	P
9	13852.000	42.91	8.74	51.65	68.20	-16.55	peak	P
10	13852.000	32.81	8.74	41.55	54.00	-12.45	AVG	P
11	16810.000	41.81	10.57	52.38	68.20	-15.82	peak	P
12	16810.000	32.00	10.57	42.57	54.00	-11.43	AVG	P



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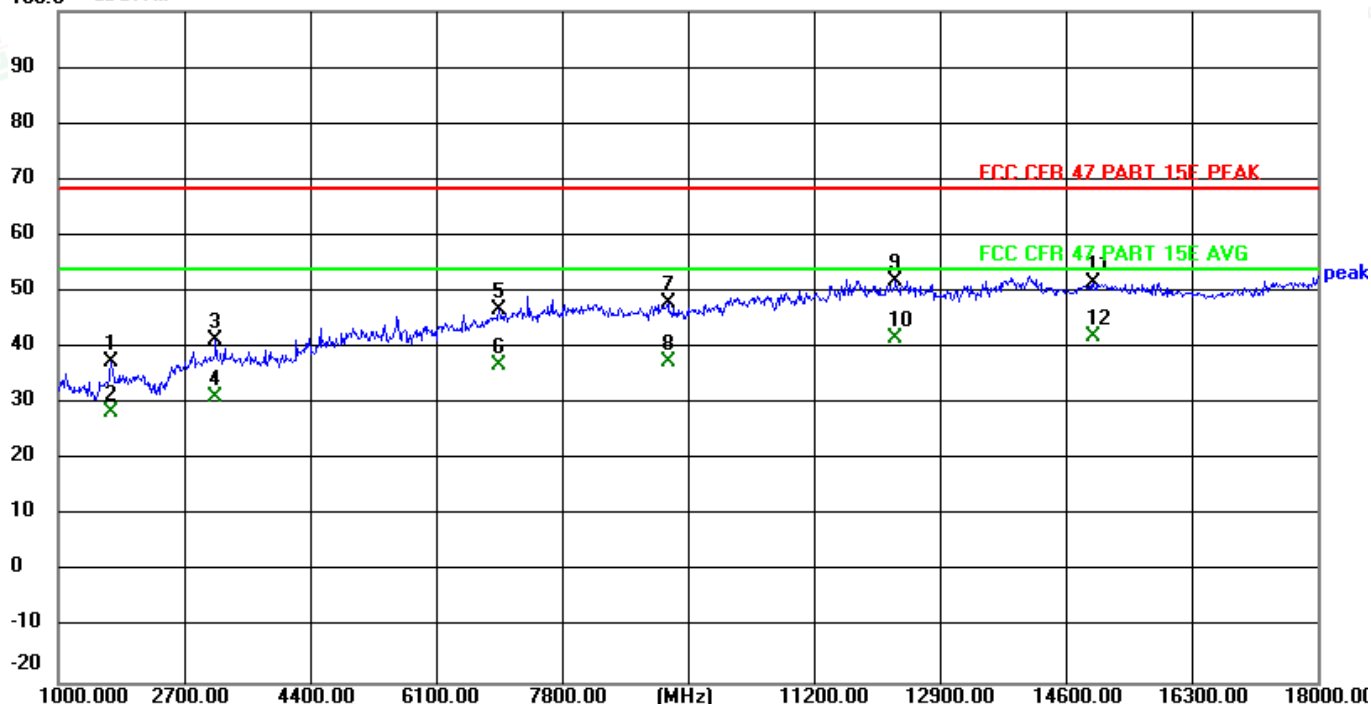
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1714.000	51.72	-14.35	37.37	68.20	-30.83	peak	P
2	1714.000	42.69	-14.35	28.34	54.00	-25.66	AVG	P
3	3125.000	51.00	-9.55	41.45	68.20	-26.75	peak	P
4	3125.000	40.81	-9.55	31.26	54.00	-22.74	AVG	P
5	6950.000	47.00	-0.32	46.68	68.20	-21.52	peak	P
6	6950.000	37.15	-0.32	36.83	54.00	-17.17	AVG	P
7	9228.000	45.58	2.27	47.85	68.20	-20.35	peak	P
8	9228.000	35.31	2.27	37.58	54.00	-16.42	AVG	P
9	12305.000	45.44	6.55	51.99	68.20	-16.21	peak	P
10	12305.000	35.12	6.55	41.67	54.00	-12.33	AVG	P
11	14974.000	41.70	9.98	51.68	68.20	-16.52	peak	P
12	14974.000	31.98	9.98	41.96	54.00	-12.04	AVG	P



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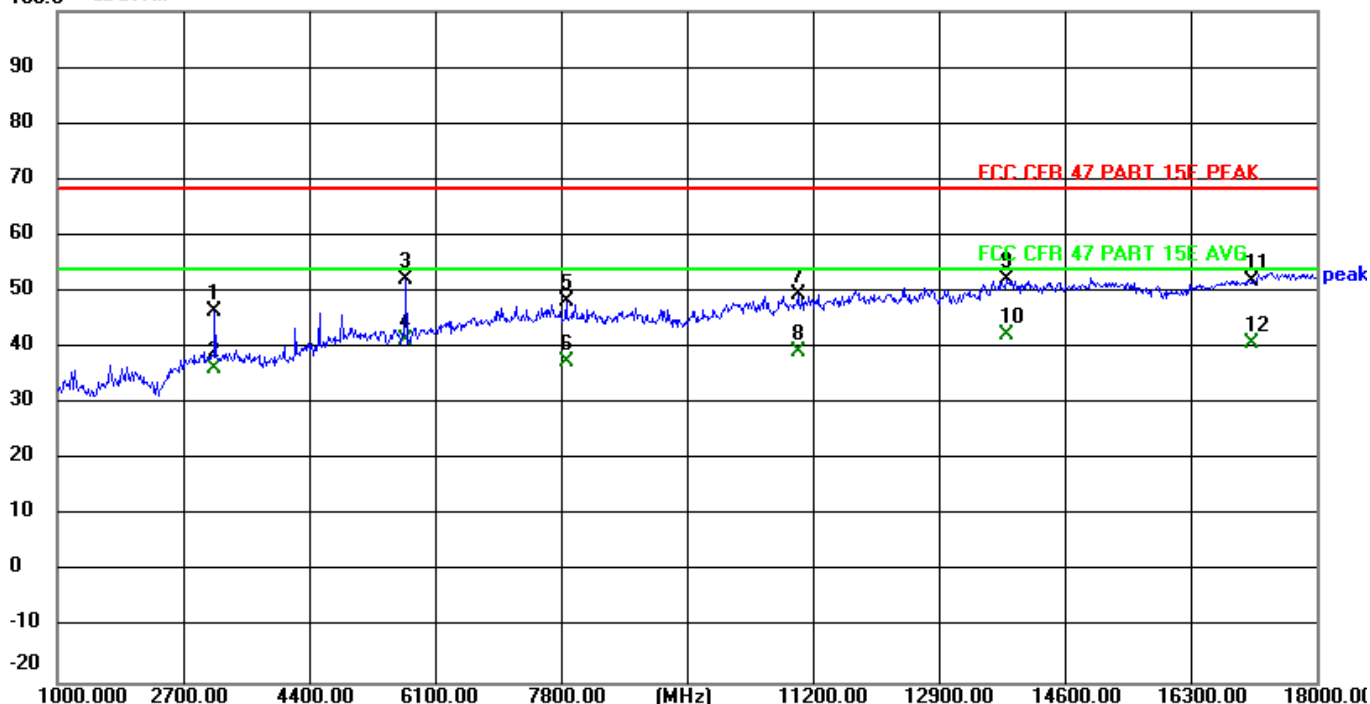
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5700MHz/140

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.04	-9.55	46.49	68.20	-21.71	peak	P
2	3125.000	45.79	-9.55	36.24	54.00	-17.76	AVG	P
3	5709.000	55.44	-3.41	52.03	68.20	-16.17	peak	P
4	5709.000	44.79	-3.41	41.38	54.00	-12.62	AVG	P
5	7868.000	47.46	0.66	48.12	68.20	-20.08	peak	P
6	7868.000	36.92	0.66	37.58	54.00	-16.42	AVG	P
7	10996.000	44.19	5.35	49.54	68.20	-18.66	peak	P
8	10996.000	34.00	5.35	39.35	54.00	-14.65	AVG	P
9	13818.000	43.40	8.64	52.04	68.20	-16.16	peak	P
10	13818.000	33.49	8.64	42.13	54.00	-11.87	AVG	P
11	17133.000	39.82	12.17	51.99	68.20	-16.21	peak	P
12	17133.000	28.45	12.17	40.62	54.00	-13.38	AVG	P



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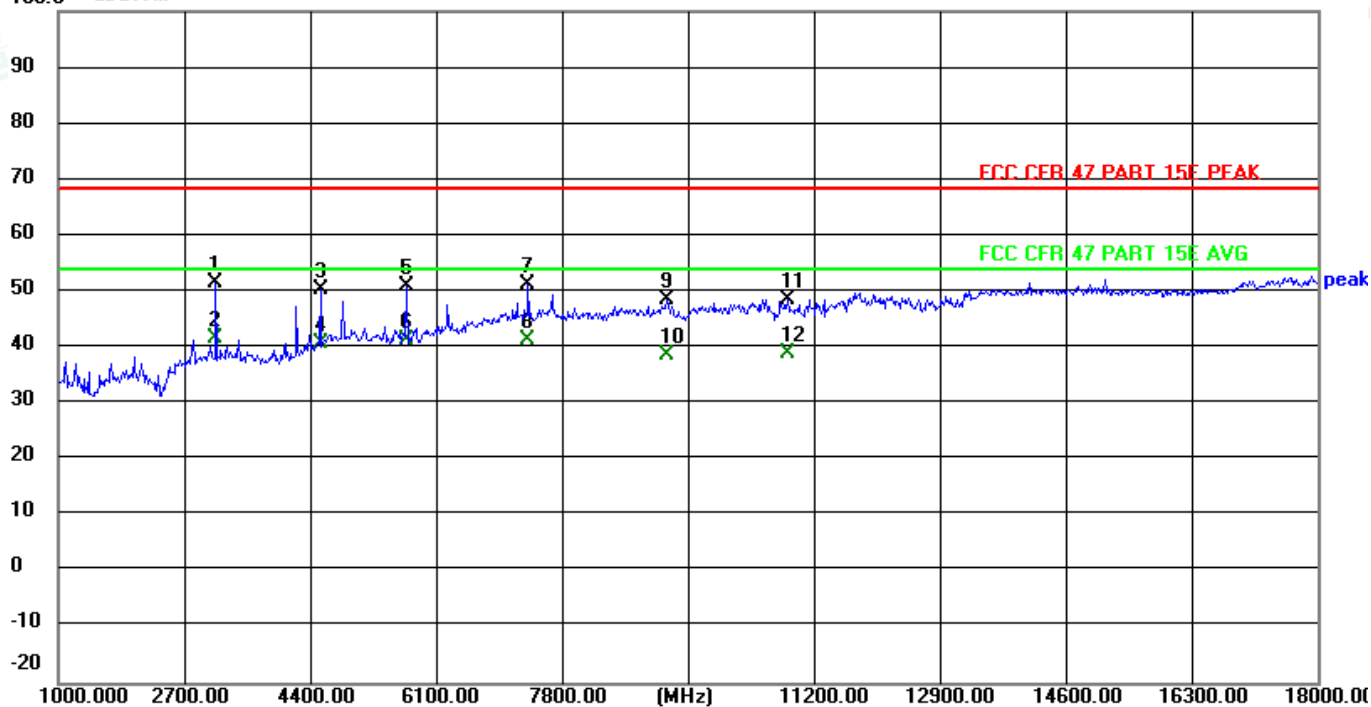
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	61.12	-9.55	51.57	68.20	-16.63	peak	P
2	3125.000	51.15	-9.55	41.60	54.00	-12.40	AVG	P
3	4536.000	56.63	-6.40	50.23	68.20	-17.97	peak	P
4	4536.000	47.23	-6.40	40.83	54.00	-13.17	AVG	P
5	5692.000	54.42	-3.40	51.02	68.20	-17.18	peak	P
6	5692.000	44.63	-3.40	41.23	54.00	-12.77	AVG	P
7	7341.000	50.96	0.38	51.34	68.20	-16.86	peak	P
8	7341.000	40.97	0.38	41.35	54.00	-12.65	AVG	P
9	9211.000	46.27	2.25	48.52	68.20	-19.68	peak	P
10	9211.000	36.45	2.25	38.70	54.00	-15.30	AVG	P
11	10843.000	43.54	5.06	48.60	68.20	-19.60	peak	P
12	10843.000	33.84	5.06	38.90	54.00	-15.10	AVG	P



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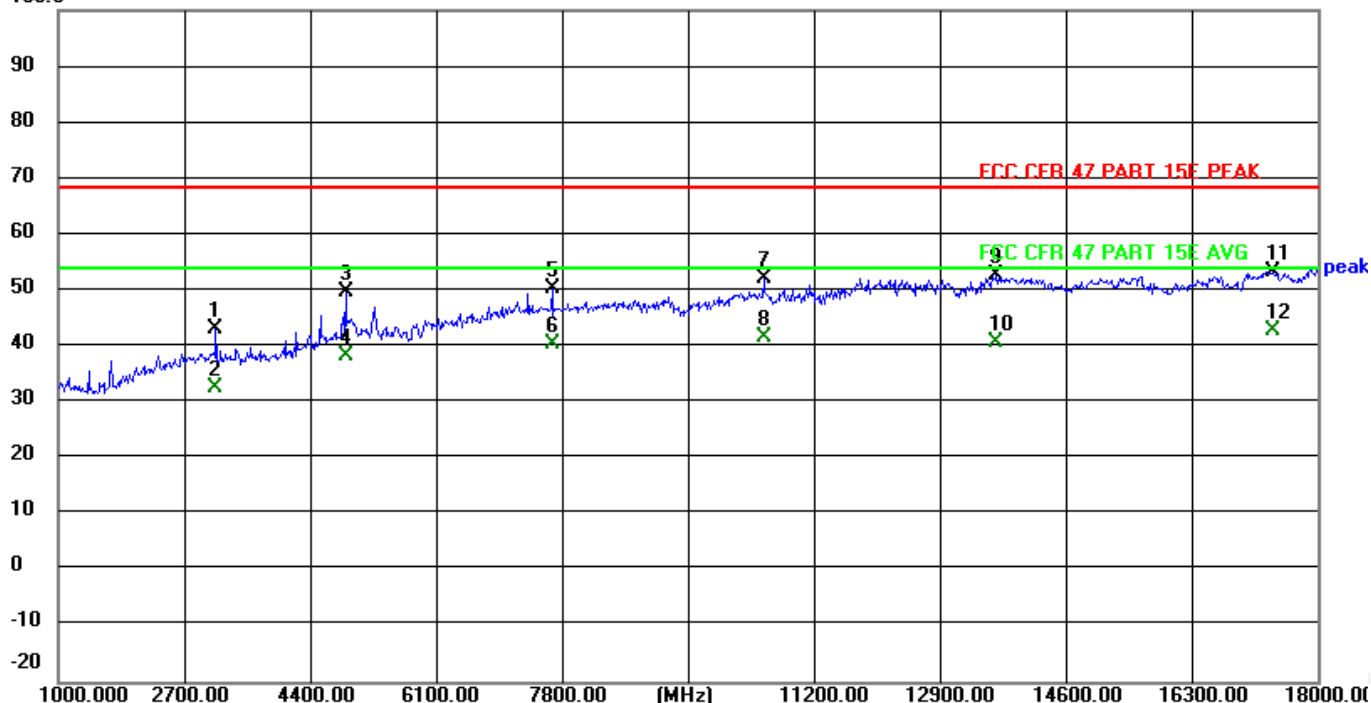
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5260MHz/52

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	52.75	-9.55	43.20	68.20	-25.00	peak	P
2	3125.000	42.09	-9.55	32.54	54.00	-21.46	AVG	P
3	4876.000	54.51	-4.73	49.78	68.20	-18.42	peak	P
4	4876.000	43.20	-4.73	38.47	54.00	-15.53	AVG	P
5	7664.000	49.67	0.72	50.39	68.20	-17.81	peak	P
6	7664.000	39.60	0.72	40.32	54.00	-13.68	AVG	P
7	10520.000	47.55	4.48	52.03	68.20	-16.17	peak	P
8	10520.000	37.19	4.48	41.67	54.00	-12.33	AVG	P
9	13665.000	44.51	8.19	52.70	68.20	-15.50	peak	P
10	13665.000	32.70	8.19	40.89	54.00	-13.11	AVG	P
11	17405.000	39.56	13.89	53.45	68.20	-14.75	peak	P
12	17405.000	28.96	13.89	42.85	54.00	-11.15	AVG	P



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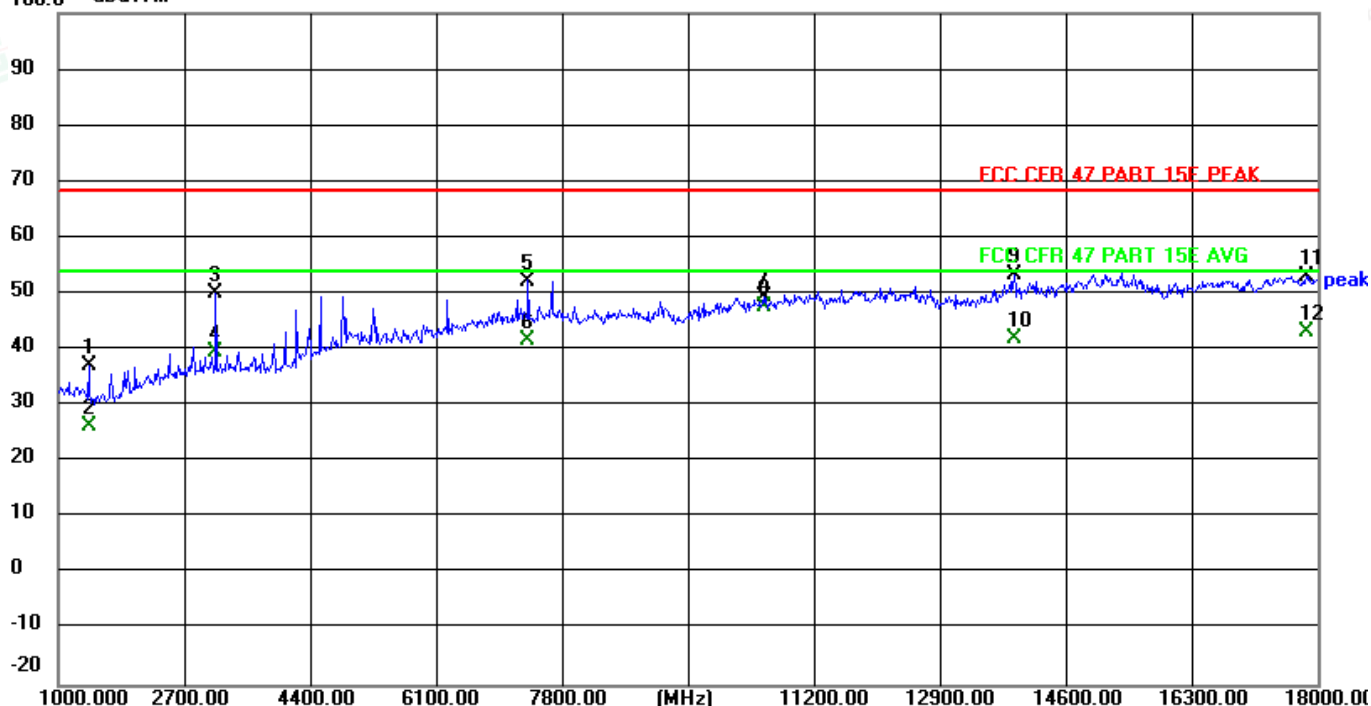
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1408.000	52.26	-15.24	37.02	68.20	-31.18	peak	P
2	1408.000	41.58	-15.24	26.34	54.00	-27.66	AVG	P
3	3125.000	59.66	-9.55	50.11	68.20	-18.09	peak	P
4	3125.000	49.22	-9.55	39.67	54.00	-14.33	AVG	P
5	7341.000	51.92	0.38	52.30	68.20	-15.90	peak	P
6	7341.000	41.29	0.38	41.67	54.00	-12.33	AVG	P
7	10520.000	45.03	4.48	49.51	68.20	-18.69	peak	P
8	10520.000	43.15	4.48	47.63	54.00	-6.37	AVG	P
9	13903.000	44.37	8.90	53.27	68.20	-14.93	peak	P
10	13903.000	32.97	8.90	41.87	54.00	-12.13	AVG	P
11	17847.000	36.48	16.69	53.17	68.20	-15.03	peak	P
12	17847.000	26.46	16.69	43.15	54.00	-10.85	AVG	P



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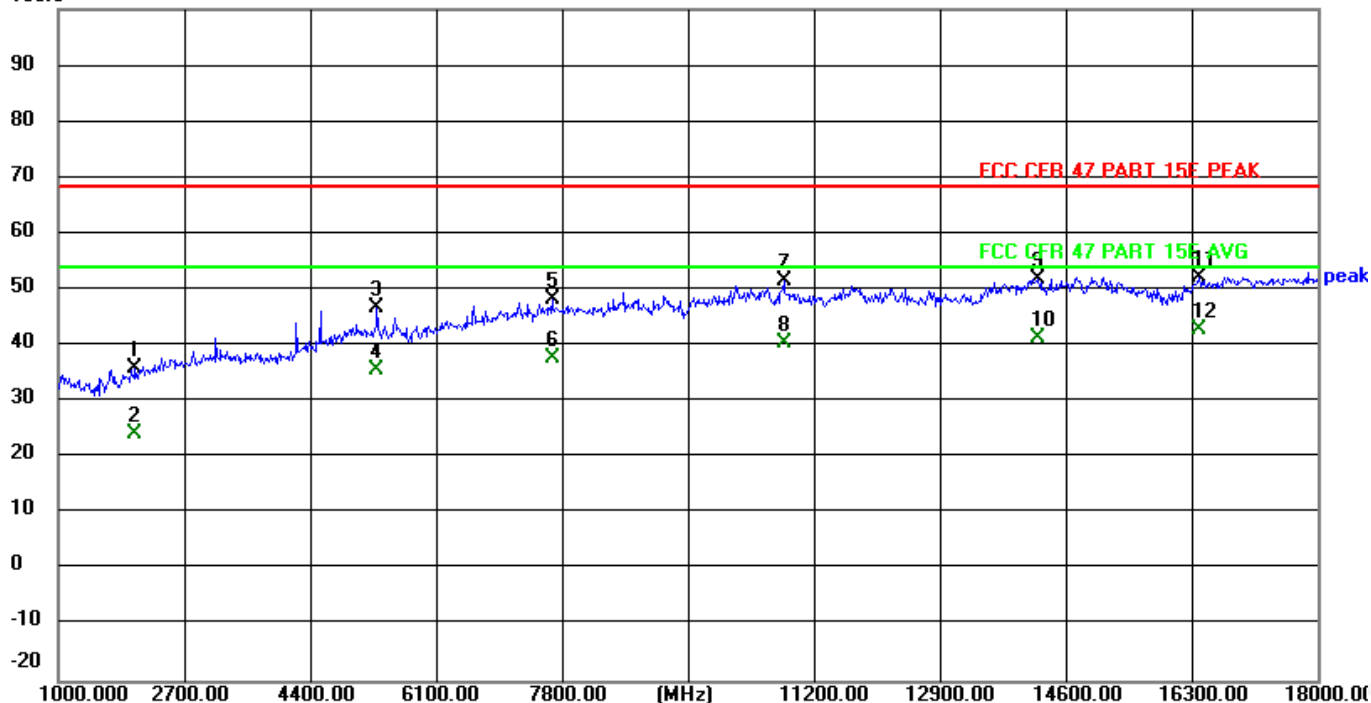
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5300MHz/60

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2037.000	48.91	-12.96	35.95	68.20	-32.25	peak	P
2	2037.000	37.33	-12.96	24.37	54.00	-29.63	AVG	P
3	5301.000	50.37	-3.57	46.80	68.20	-21.40	peak	P
4	5301.000	39.20	-3.57	35.63	54.00	-18.37	AVG	P
5	7664.000	47.66	0.65	48.31	68.20	-19.89	peak	P
6	7664.000	36.99	0.65	37.64	54.00	-16.36	AVG	P
7	10792.000	46.58	4.97	51.55	68.20	-16.65	peak	P
8	10792.000	35.41	4.97	40.38	54.00	-13.62	AVG	P
9	14226.000	42.51	9.37	51.88	68.20	-16.32	peak	P
10	14226.000	31.91	9.37	41.28	54.00	-12.72	AVG	P
11	16402.000	43.34	8.93	52.27	68.20	-15.93	peak	P
12	16402.000	33.90	8.93	42.83	54.00	-11.17	AVG	P



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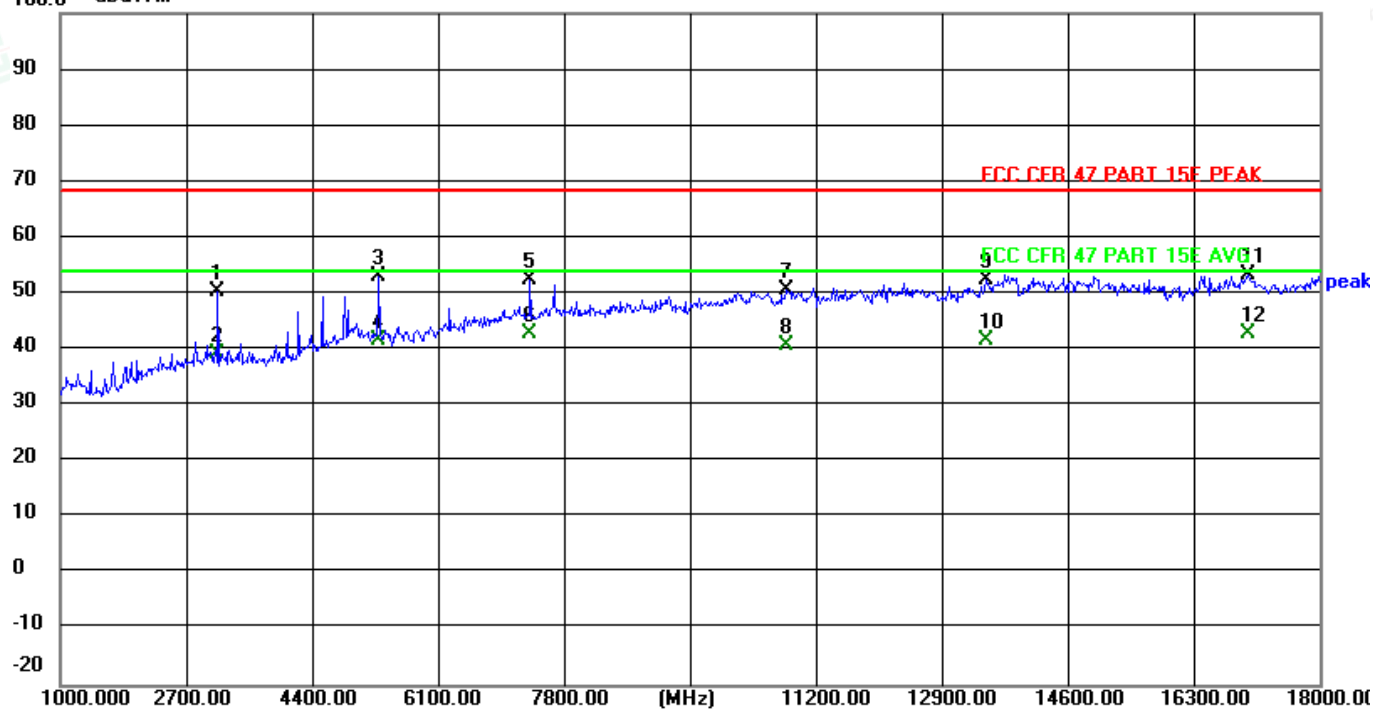
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	59.91	-9.55	50.36	68.20	-17.84	peak	P
2	3125.000	48.93	-9.55	39.38	54.00	-14.62	AVG	P
3	5301.000	56.52	-3.57	52.95	68.20	-15.25	peak	P
4	5301.000	45.21	-3.57	41.64	54.00	-12.36	AVG	P
5	7341.000	52.04	0.38	52.42	68.20	-15.78	peak	P
6	7341.000	42.40	0.38	42.78	54.00	-11.22	AVG	P
7	10792.000	45.65	4.97	50.62	68.20	-17.58	peak	P
8	10792.000	35.66	4.97	40.63	54.00	-13.37	AVG	P
9	13495.000	44.73	7.69	52.42	68.20	-15.78	peak	P
10	13495.000	34.00	7.69	41.69	54.00	-12.31	AVG	P
11	17031.000	41.79	11.52	53.31	68.20	-14.89	peak	P
12	17031.000	31.46	11.52	42.98	54.00	-11.02	AVG	P



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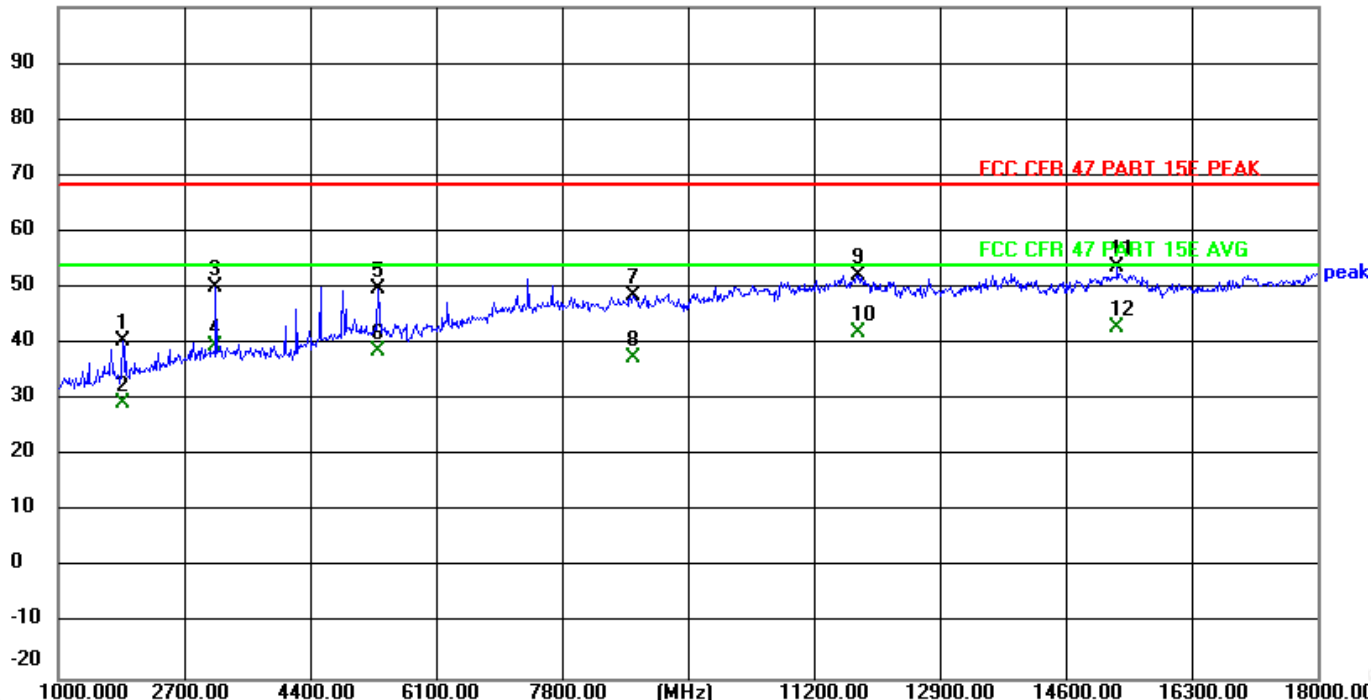
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5320MHz/64

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1867.000	54.23	-13.81	40.42	68.20	-27.78	peak	P
2	1867.000	43.19	-13.81	29.38	54.00	-24.62	AVG	P
3	3125.000	59.63	-9.55	50.08	68.20	-18.12	peak	P
4	3125.000	49.22	-9.55	39.67	54.00	-14.33	AVG	P
5	5318.000	53.17	-3.54	49.63	68.20	-18.57	peak	P
6	5318.000	42.21	-3.54	38.67	54.00	-15.33	AVG	P
7	8752.000	47.04	1.63	48.67	68.20	-19.53	peak	P
8	8752.000	35.72	1.63	37.35	54.00	-16.65	AVG	P
9	11795.000	45.84	6.41	52.25	68.20	-15.95	peak	P
10	11795.000	35.56	6.41	41.97	54.00	-12.03	AVG	P
11	15297.000	44.36	9.20	53.56	68.20	-14.64	peak	P
12	15297.000	33.77	9.20	42.97	54.00	-11.03	AVG	P



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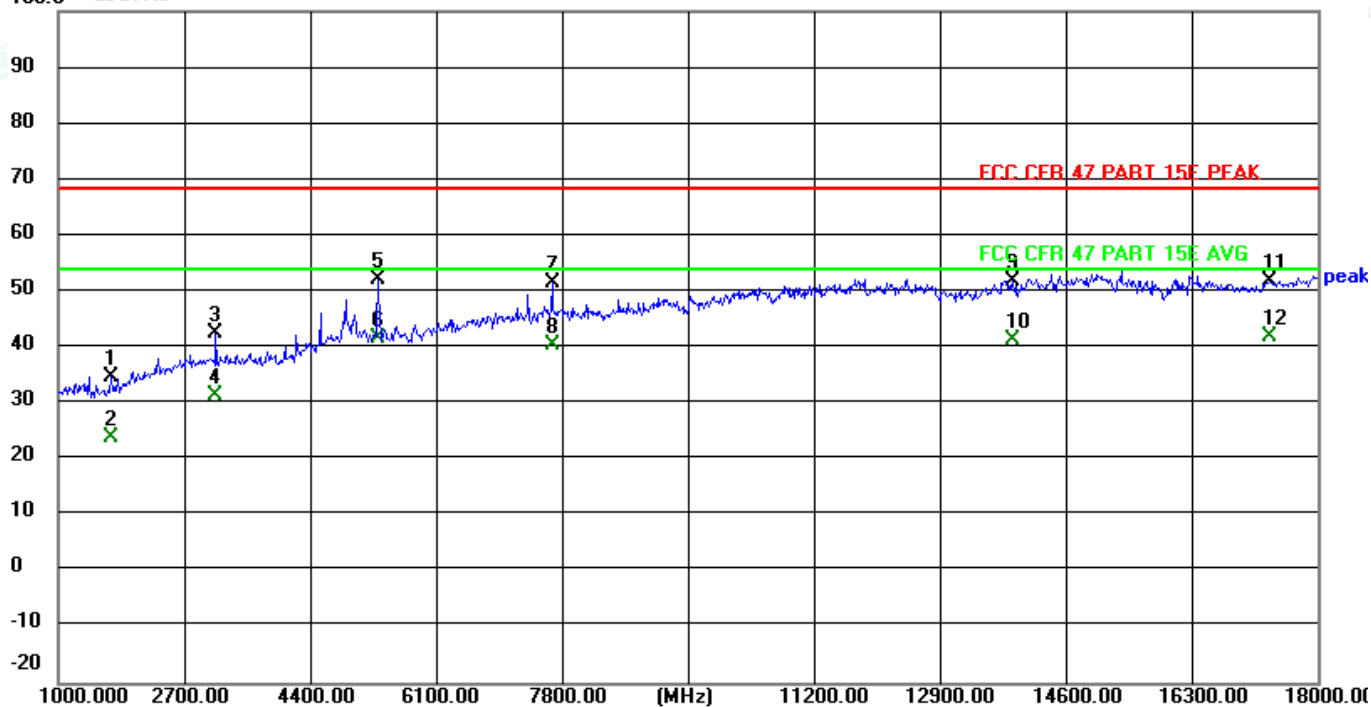
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1714.000	49.20	-14.35	34.85	68.20	-33.35	peak	P
2	1714.000	38.22	-14.35	23.87	54.00	-30.13	AVG	P
3	3125.000	52.15	-9.55	42.60	68.20	-25.60	peak	P
4	3125.000	41.12	-9.55	31.57	54.00	-22.43	AVG	P
5	5318.000	55.64	-3.54	52.10	68.20	-16.10	peak	P
6	5318.000	45.17	-3.54	41.63	54.00	-12.37	AVG	P
7	7664.000	50.86	0.65	51.51	68.20	-16.69	peak	P
8	7664.000	39.73	0.65	40.38	54.00	-13.62	AVG	P
9	13886.000	43.14	8.84	51.98	68.20	-16.22	peak	P
10	13886.000	32.43	8.84	41.27	54.00	-12.73	AVG	P
11	17354.000	38.28	13.57	51.85	68.20	-16.35	peak	P
12	17354.000	28.30	13.57	41.87	54.00	-12.13	AVG	P



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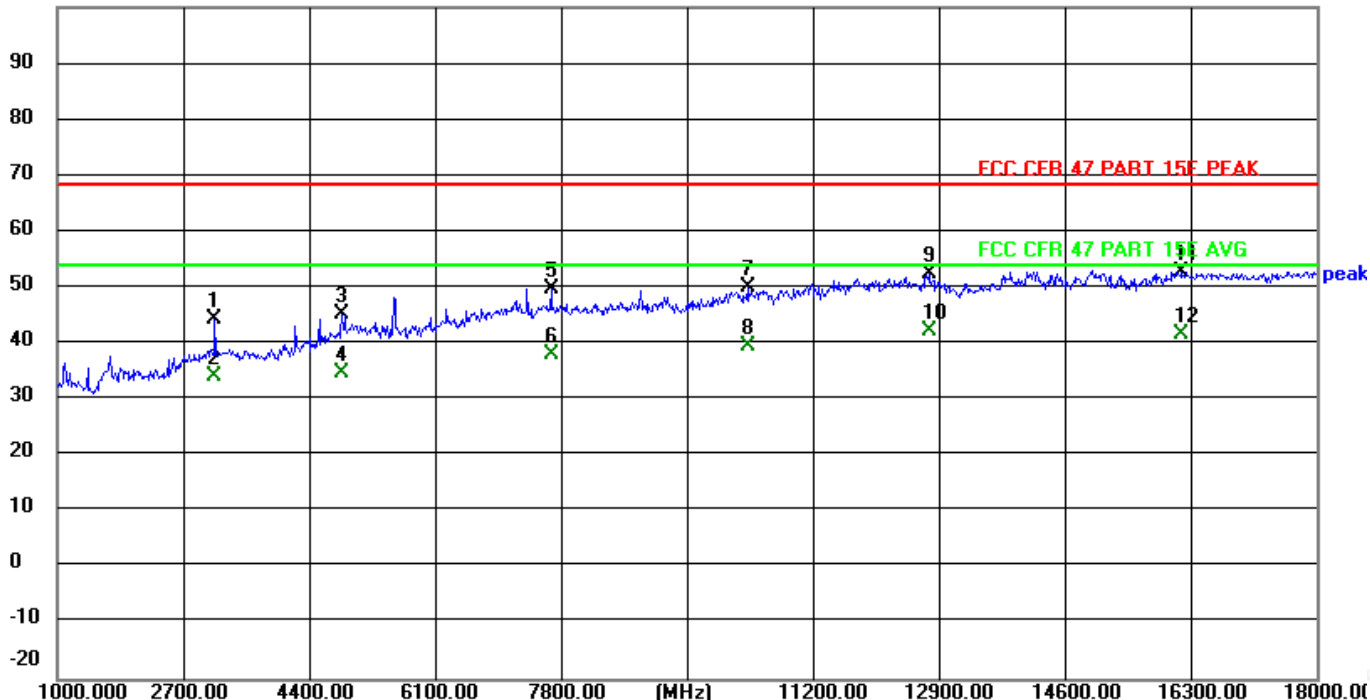
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5500MHz/100

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	53.83	-9.55	44.28	68.20	-23.92	peak	P
2	3125.000	43.68	-9.55	34.13	54.00	-19.87	AVG	P
3	4842.000	50.29	-4.90	45.39	68.20	-22.81	peak	P
4	4842.000	39.75	-4.90	34.85	54.00	-19.15	AVG	P
5	7664.000	49.18	0.65	49.83	68.20	-18.37	peak	P
6	7664.000	37.51	0.65	38.16	54.00	-15.84	AVG	P
7	10316.000	46.06	4.12	50.18	68.20	-18.02	peak	P
8	10316.000	35.45	4.12	39.57	54.00	-14.43	AVG	P
9	12764.000	46.17	6.34	52.51	68.20	-15.69	peak	P
10	12764.000	35.96	6.34	42.30	54.00	-11.70	AVG	P
11	16181.000	44.81	8.05	52.86	68.20	-15.34	peak	P
12	16181.000	33.63	8.05	41.68	54.00	-12.32	AVG	P



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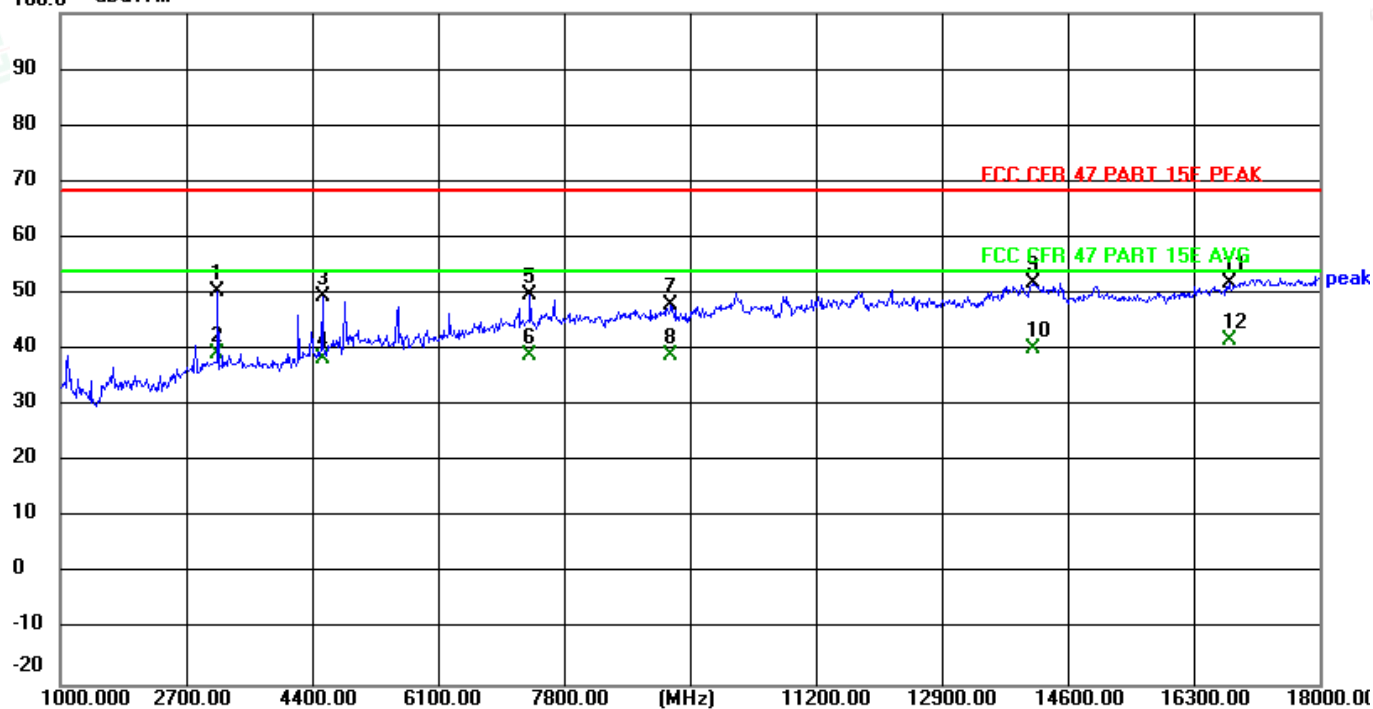
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	59.87	-9.55	50.32	68.20	-17.88	peak	P
2	3125.000	48.71	-9.55	39.16	54.00	-14.84	AVG	P
3	4536.000	55.83	-6.40	49.43	68.20	-18.77	peak	P
4	4536.000	44.90	-6.40	38.50	54.00	-15.50	AVG	P
5	7341.000	49.48	0.38	49.86	68.20	-18.34	peak	P
6	7341.000	38.52	0.38	38.90	54.00	-15.10	AVG	P
7	9245.000	45.76	2.30	48.06	68.20	-20.14	peak	P
8	9245.000	36.80	2.30	39.10	54.00	-14.90	AVG	P
9	14141.000	42.61	9.30	51.91	68.20	-16.29	peak	P
10	14141.000	31.00	9.30	40.30	54.00	-13.70	AVG	P
11	16776.000	41.52	10.43	51.95	68.20	-16.25	peak	P
12	16776.000	31.37	10.43	41.80	54.00	-12.20	AVG	P



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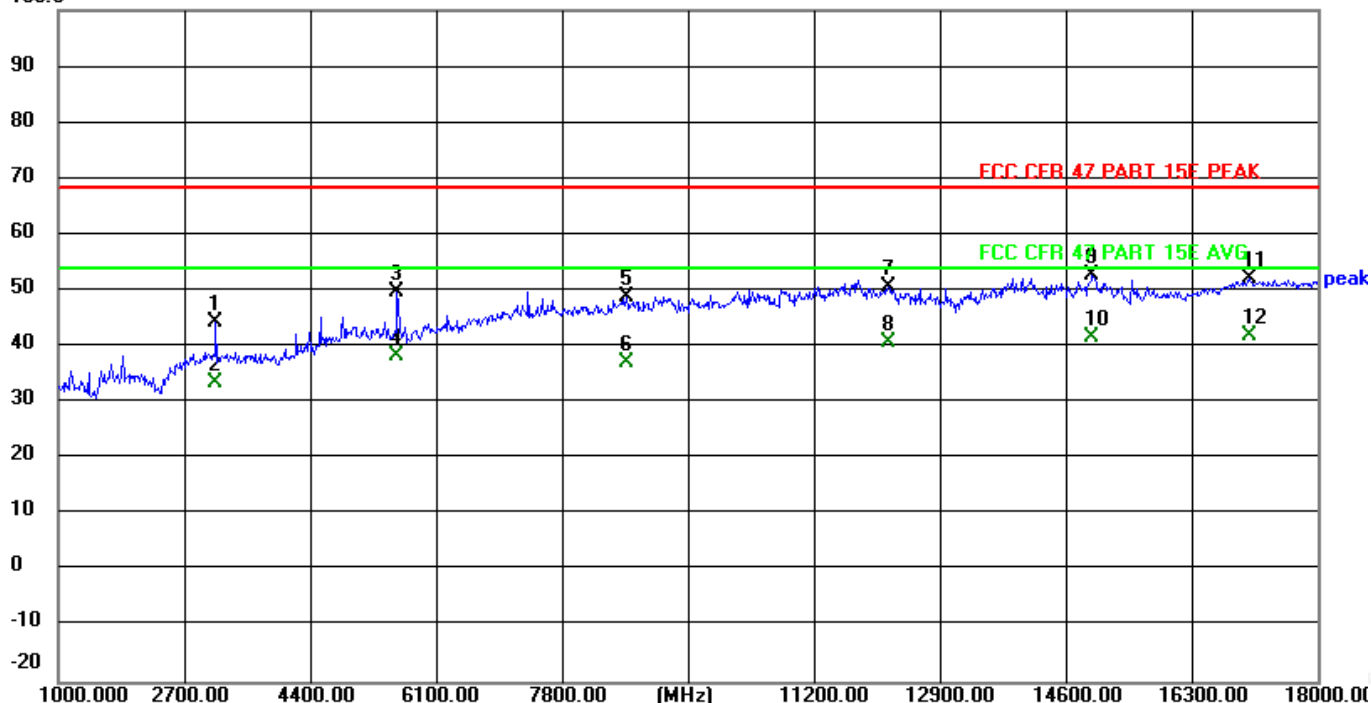
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5580MHz/116

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	53.96	-9.55	44.41	68.20	-23.79	peak	P
2	3125.000	43.15	-9.55	33.60	54.00	-20.40	AVG	P
3	5573.000	53.12	-3.28	49.84	68.20	-18.36	peak	P
4	5573.000	41.58	-3.28	38.30	54.00	-15.70	AVG	P
5	8667.000	47.23	1.48	48.71	68.20	-19.49	peak	P
6	8667.000	35.78	1.48	37.26	54.00	-16.74	AVG	P
7	12203.000	44.03	6.59	50.62	68.20	-17.58	peak	P
8	12203.000	34.21	6.59	40.80	54.00	-13.20	AVG	P
9	14957.000	42.71	9.96	52.67	68.20	-15.53	peak	P
10	14957.000	31.61	9.96	41.57	54.00	-12.43	AVG	P
11	17082.000	40.17	11.84	52.01	68.20	-16.19	peak	P
12	17082.000	30.04	11.84	41.88	54.00	-12.12	AVG	P



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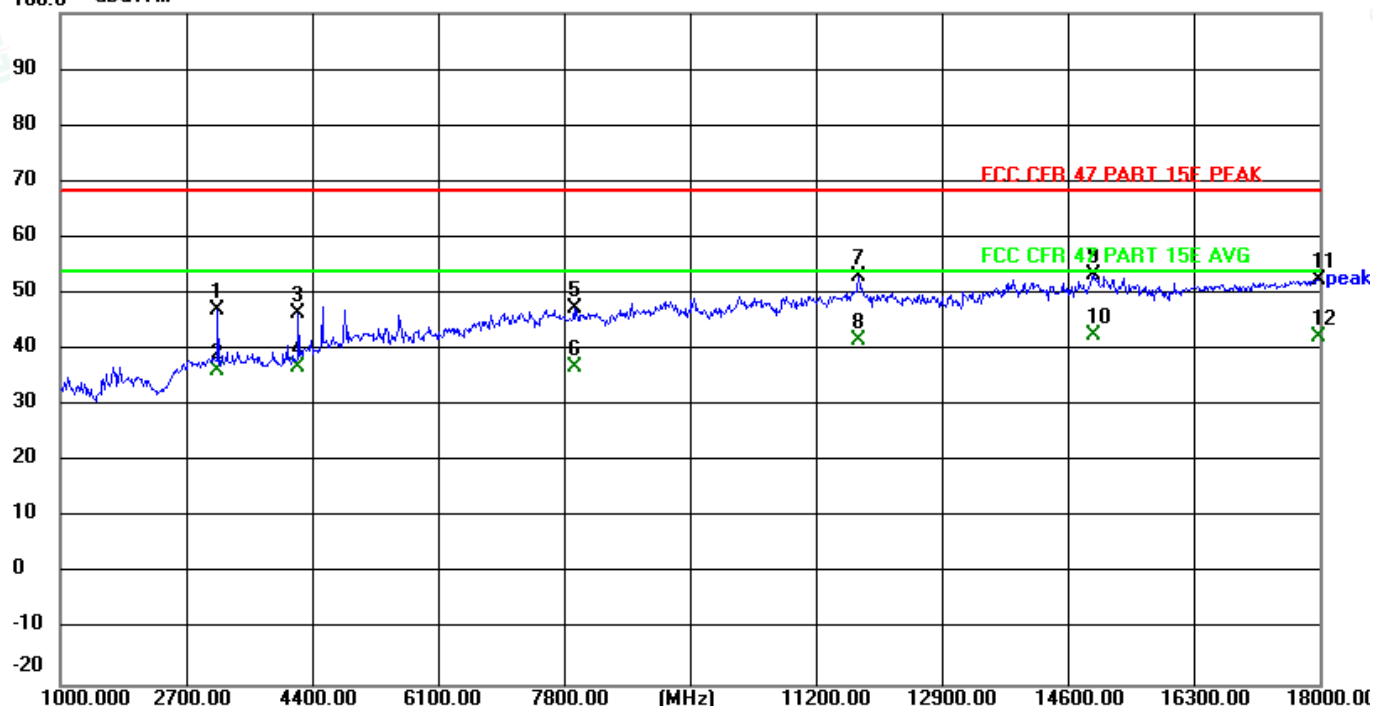
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.60	-9.55	47.05	68.20	-21.15	peak	P
2	3125.000	45.85	-9.55	36.30	54.00	-17.70	AVG	P
3	4213.000	54.28	-7.70	46.58	68.20	-21.62	peak	P
4	4213.000	44.40	-7.70	36.70	54.00	-17.30	AVG	P
5	7936.000	46.54	0.85	47.39	68.20	-20.81	peak	P
6	7936.000	36.04	0.85	36.89	54.00	-17.11	AVG	P
7	11778.000	46.53	6.39	52.92	68.20	-15.28	peak	P
8	11778.000	35.18	6.39	41.57	54.00	-12.43	AVG	P
9	14957.000	43.34	9.96	53.30	68.20	-14.90	peak	P
10	14957.000	32.64	9.96	42.60	54.00	-11.40	AVG	P
11	17983.000	35.01	17.55	52.56	68.20	-15.64	peak	P
12	17983.000	24.75	17.55	42.30	54.00	-11.70	AVG	P



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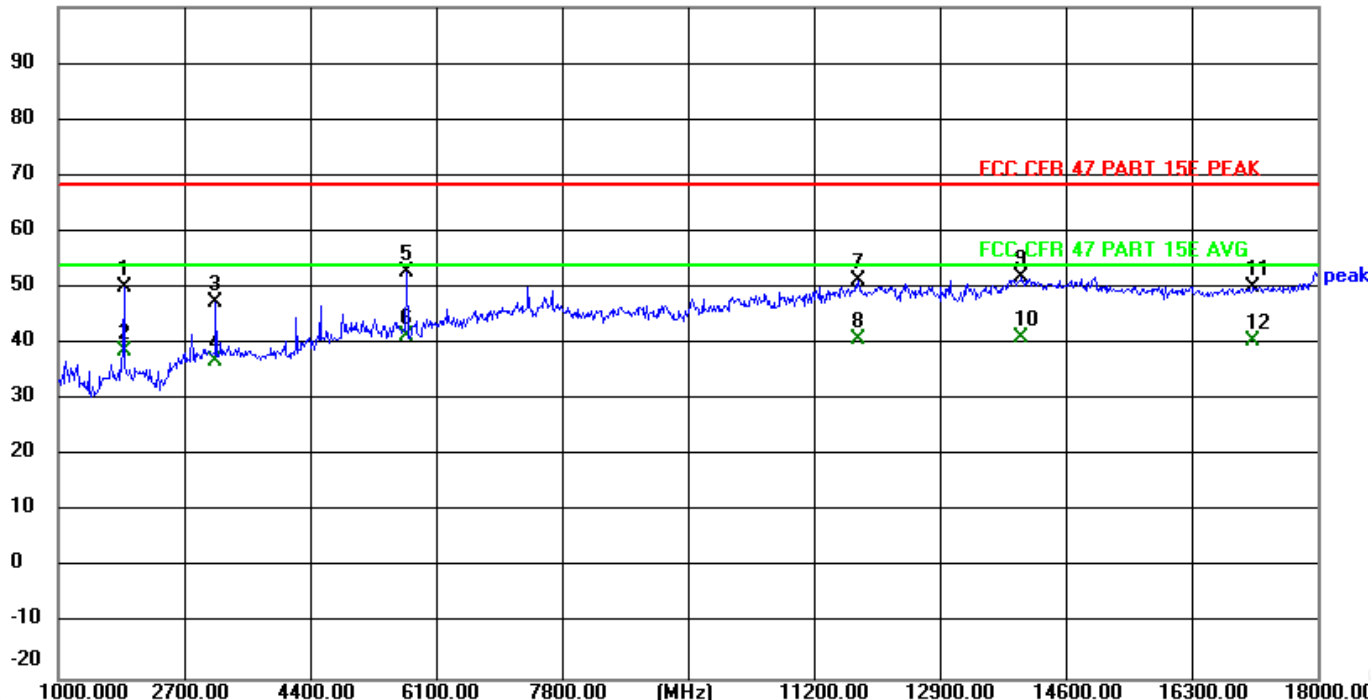
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Worst Case Mode: 802.11ax MIMO(106 Tones)
RU Index: 53
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5700MHz/140

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1884.000	63.66	-13.71	49.95	68.20	-18.25	peak	P
2	1884.000	52.41	-13.71	38.70	54.00	-15.30	AVG	P
3	3125.000	56.88	-9.55	47.33	68.20	-20.87	peak	P
4	3125.000	46.45	-9.55	36.90	54.00	-17.10	AVG	P
5	5709.000	56.09	-3.41	52.68	68.20	-15.52	peak	P
6	5709.000	44.77	-3.41	41.36	54.00	-12.64	AVG	P
7	11795.000	44.87	6.41	51.28	68.20	-16.92	peak	P
8	11795.000	34.42	6.41	40.83	54.00	-13.17	AVG	P
9	14005.000	42.72	9.18	51.90	68.20	-16.30	peak	P
10	14005.000	31.75	9.18	40.93	54.00	-13.07	AVG	P
11	17133.000	38.02	12.17	50.19	68.20	-18.01	peak	P
12	17133.000	28.33	12.17	40.50	54.00	-13.50	AVG	P



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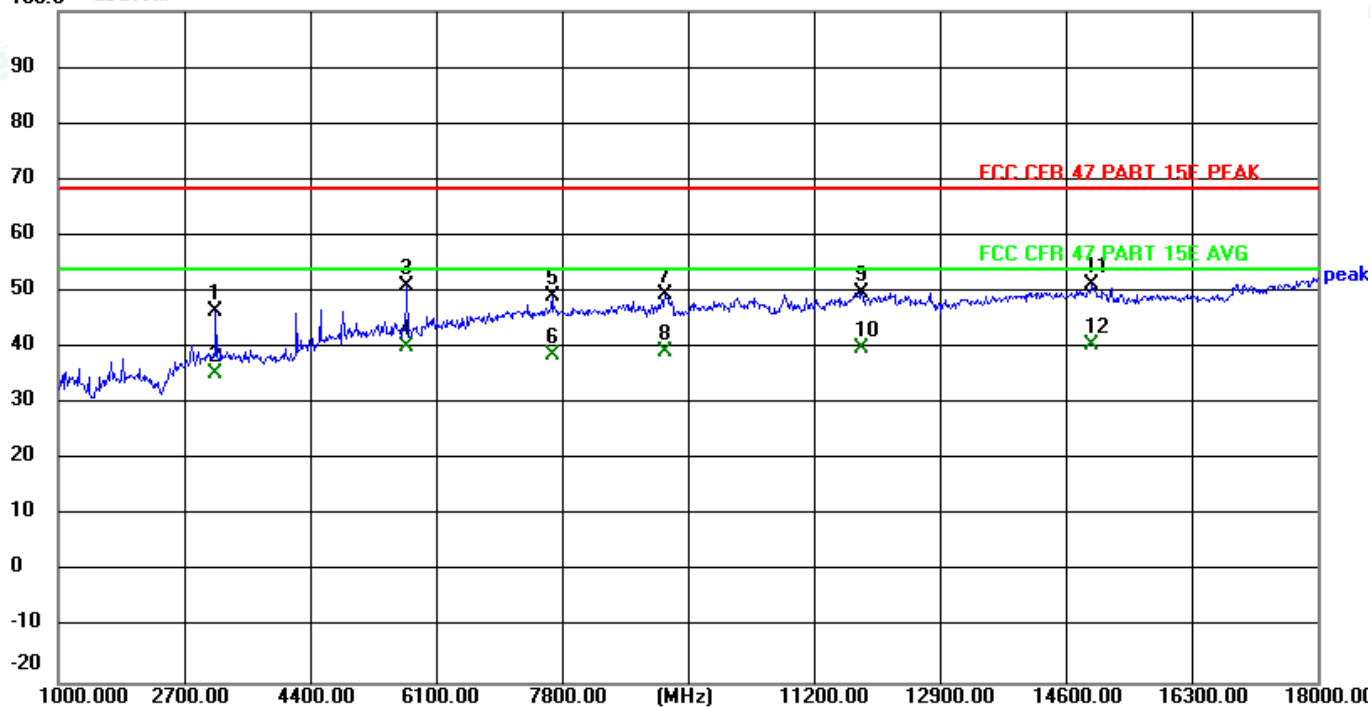
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	56.13	-9.55	46.58	68.20	-21.62	peak	P
2	3125.000	44.92	-9.55	35.37	54.00	-18.63	AVG	P
3	5709.000	54.39	-3.41	50.98	68.20	-17.22	peak	P
4	5709.000	43.51	-3.41	40.10	54.00	-13.90	AVG	P
5	7664.000	48.41	0.65	49.06	68.20	-19.14	peak	P
6	7664.000	38.02	0.65	38.67	54.00	-15.33	AVG	P
7	9194.000	47.34	2.22	49.56	68.20	-18.64	peak	P
8	9194.000	37.08	2.22	39.30	54.00	-14.70	AVG	P
9	11846.000	43.36	6.48	49.84	68.20	-18.36	peak	P
10	11846.000	33.22	6.48	39.70	54.00	-14.30	AVG	P
11	14940.000	41.24	9.95	51.19	68.20	-17.01	peak	P
12	14940.000	30.43	9.95	40.38	54.00	-13.62	AVG	P



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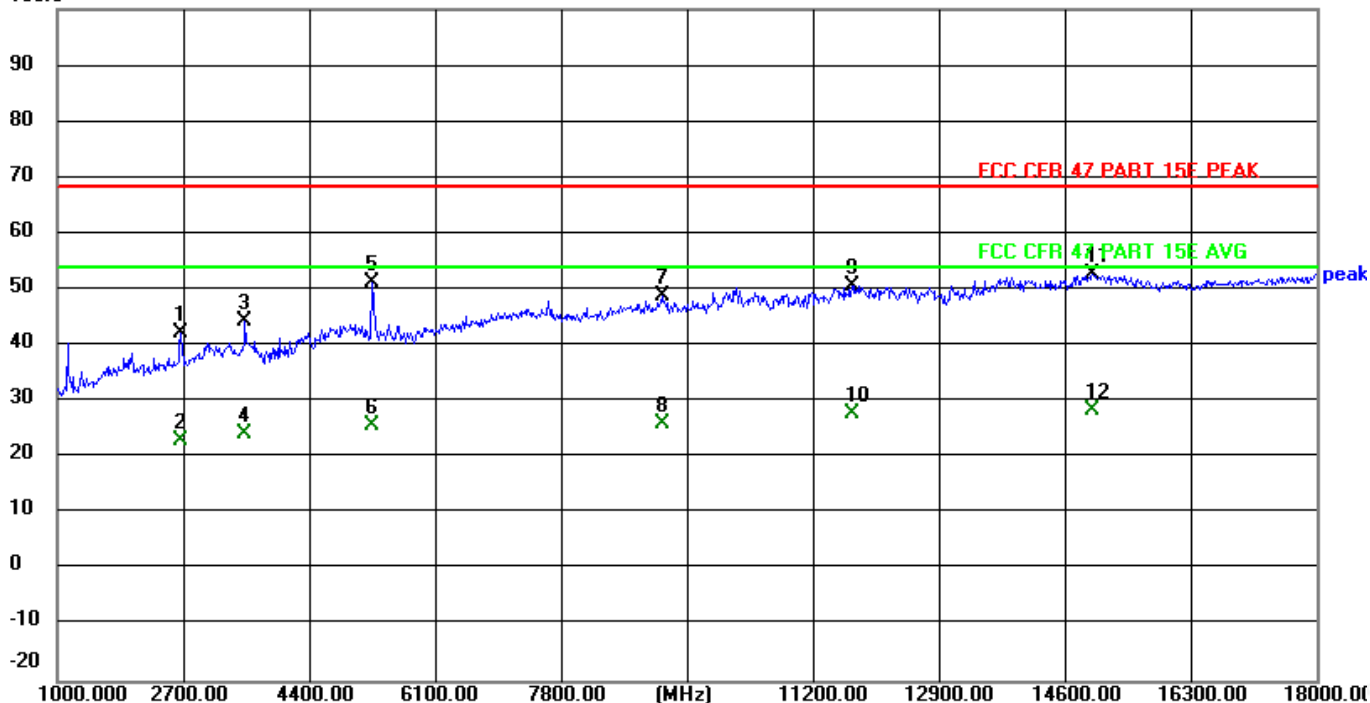
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5260MHz/52

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	53.10	-10.76	42.34	68.20	-25.86	peak	P
2	2666.000	33.96	-10.76	23.20	54.00	-30.80	AVG	P
3	3533.000	53.59	-9.36	44.23	68.20	-23.97	peak	P
4	3533.000	33.71	-9.36	24.35	54.00	-29.65	AVG	P
5	5250.000	54.98	-3.67	51.31	68.20	-16.89	peak	P
6	5250.000	29.30	-3.67	25.63	54.00	-28.37	AVG	P
7	9160.000	46.65	2.15	48.80	68.20	-19.40	peak	P
8	9160.000	24.00	2.15	26.15	54.00	-27.85	AVG	P
9	11727.000	44.43	6.33	50.76	68.20	-17.44	peak	P
10	11727.000	21.49	6.33	27.82	54.00	-26.18	AVG	P
11	14974.000	42.64	9.98	52.62	68.20	-15.58	peak	P
12	14974.000	18.41	9.98	28.39	54.00	-25.61	AVG	P



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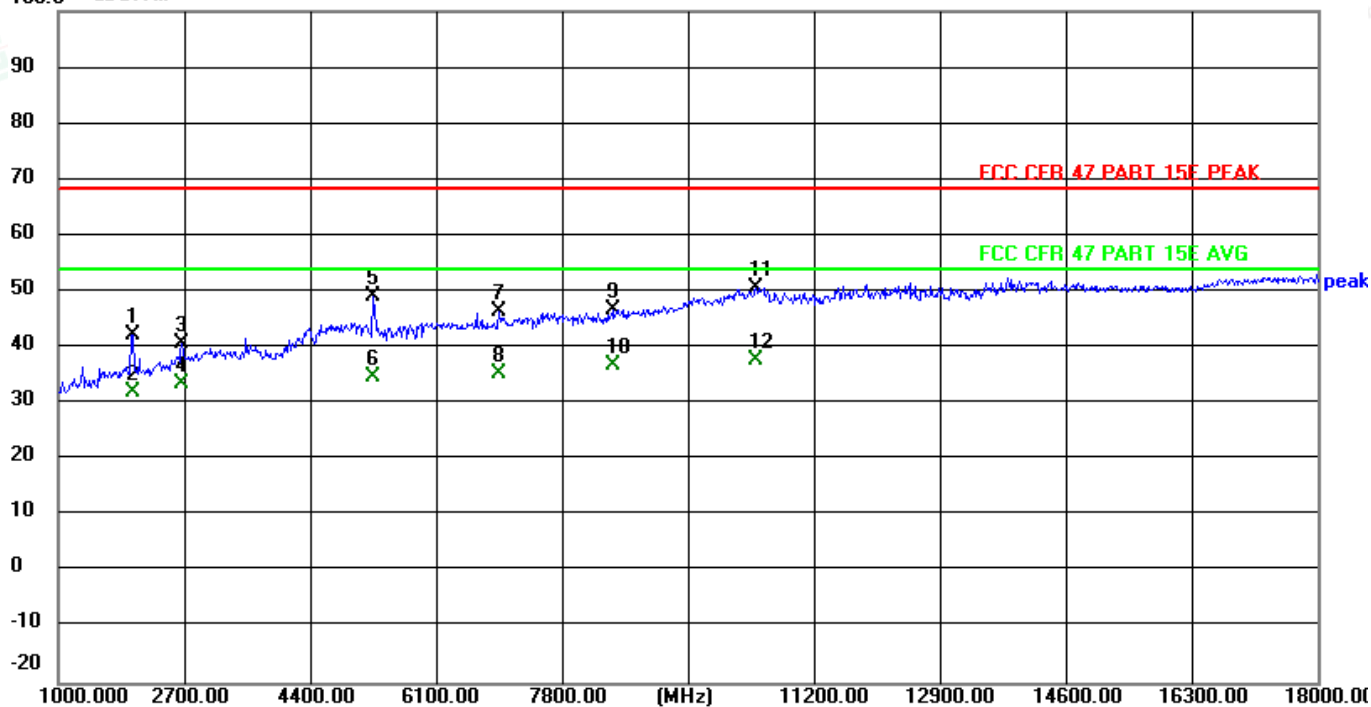
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2003.000	55.42	-13.09	42.33	68.20	-25.87	peak	P
2	2003.000	45.19	-13.09	32.10	54.00	-21.90	AVG	P
3	2666.000	51.55	-10.76	40.79	68.20	-27.41	peak	P
4	2666.000	44.29	-10.76	33.53	54.00	-20.47	AVG	P
5	5250.000	52.81	-3.67	49.14	68.20	-19.06	peak	P
6	5250.000	38.30	-3.67	34.63	54.00	-19.37	AVG	P
7	6950.000	46.77	-0.32	46.45	68.20	-21.75	peak	P
8	6950.000	35.60	-0.32	35.28	54.00	-18.72	AVG	P
9	8497.000	45.39	1.38	46.77	68.20	-21.43	peak	P
10	8497.000	35.45	1.38	36.83	54.00	-17.17	AVG	P
11	10418.000	46.41	4.30	50.71	68.20	-17.49	peak	P
12	10418.000	33.52	4.30	37.82	54.00	-16.18	AVG	P



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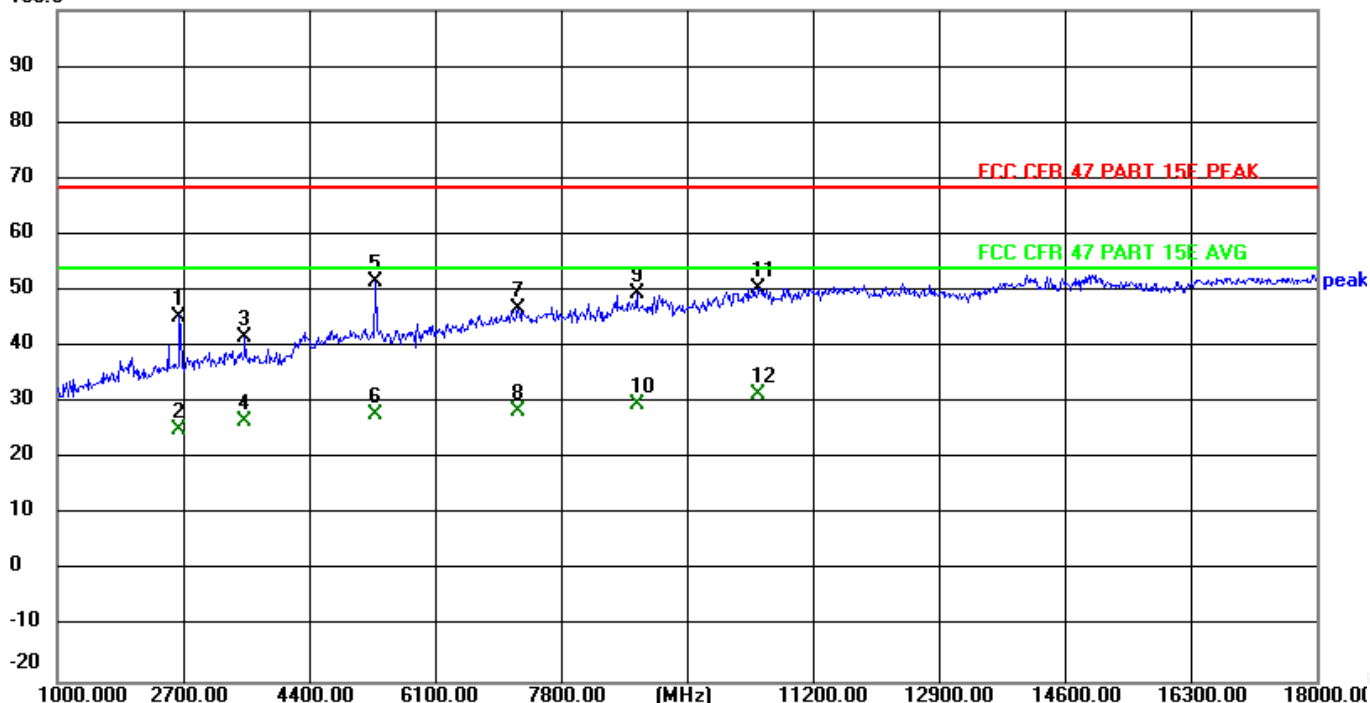
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5300MHz/60

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2649.000	56.22	-10.82	45.40	68.20	-22.80	peak	P
2	2649.000	35.95	-10.82	25.13	54.00	-28.87	AVG	P
3	3533.000	51.14	-9.36	41.78	68.20	-26.42	peak	P
4	3533.000	35.88	-9.36	26.52	54.00	-27.48	AVG	P
5	5301.000	54.99	-3.57	51.42	68.20	-16.78	peak	P
6	5301.000	31.45	-3.57	27.88	54.00	-26.12	AVG	P
7	7222.000	46.55	0.17	46.72	68.20	-21.48	peak	P
8	7222.000	28.40	0.17	28.57	54.00	-25.43	AVG	P
9	8820.000	47.62	1.70	49.32	68.20	-18.88	peak	P
10	8820.000	27.93	1.70	29.63	54.00	-24.37	AVG	P
11	10469.000	46.04	4.39	50.43	68.20	-17.77	peak	P
12	10469.000	27.19	4.39	31.58	54.00	-22.42	AVG	P



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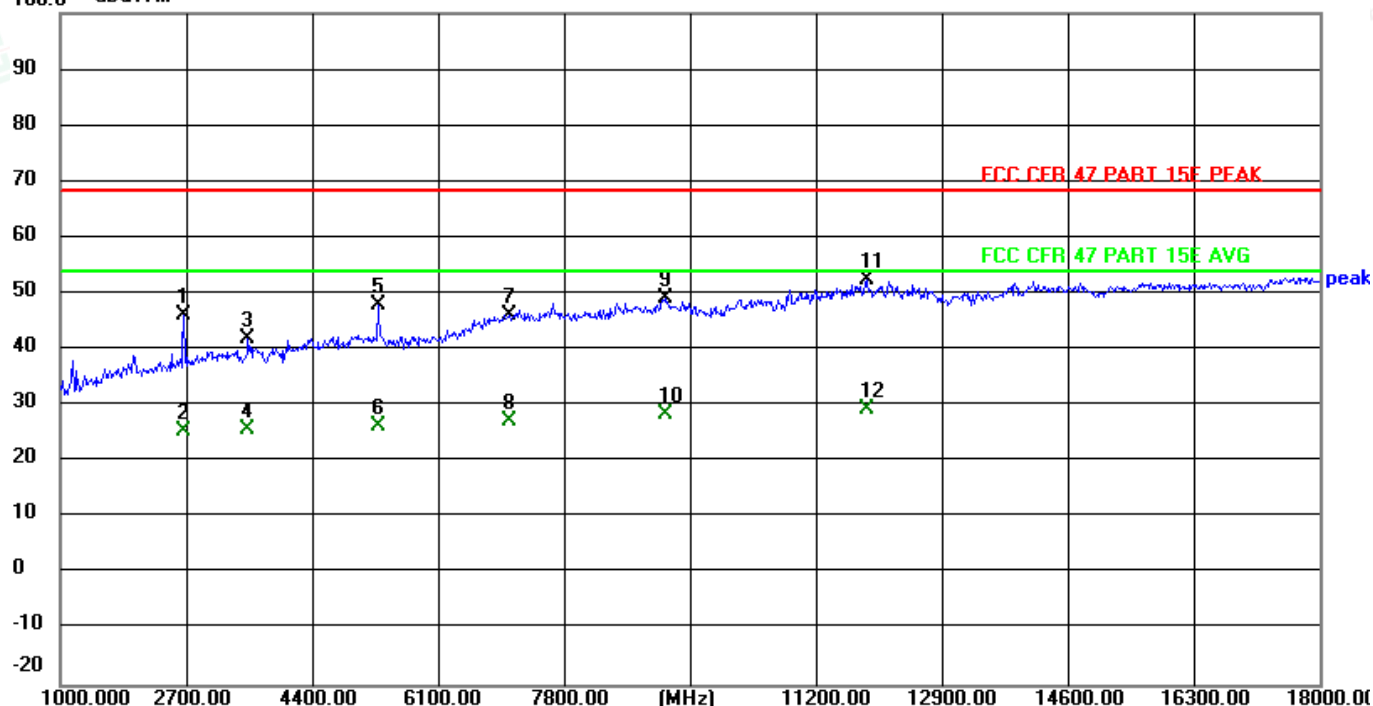
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	56.80	-10.76	46.04	68.20	-22.16	peak	P
2	2666.000	36.09	-10.76	25.33	54.00	-28.67	AVG	P
3	3533.000	51.33	-9.36	41.97	68.20	-26.23	peak	P
4	3533.000	35.26	-9.36	25.90	54.00	-28.10	AVG	P
5	5284.000	51.45	-3.60	47.85	68.20	-20.35	peak	P
6	5284.000	29.95	-3.60	26.35	54.00	-27.65	AVG	P
7	7069.000	46.27	-0.09	46.18	68.20	-22.02	peak	P
8	7069.000	27.20	-0.09	27.11	54.00	-26.89	AVG	P
9	9177.000	47.07	2.18	49.25	68.20	-18.95	peak	P
10	9177.000	26.39	2.18	28.57	54.00	-25.43	AVG	P
11	11880.000	45.79	6.53	52.32	68.20	-15.88	peak	P
12	11880.000	22.71	6.53	29.24	54.00	-24.76	AVG	P



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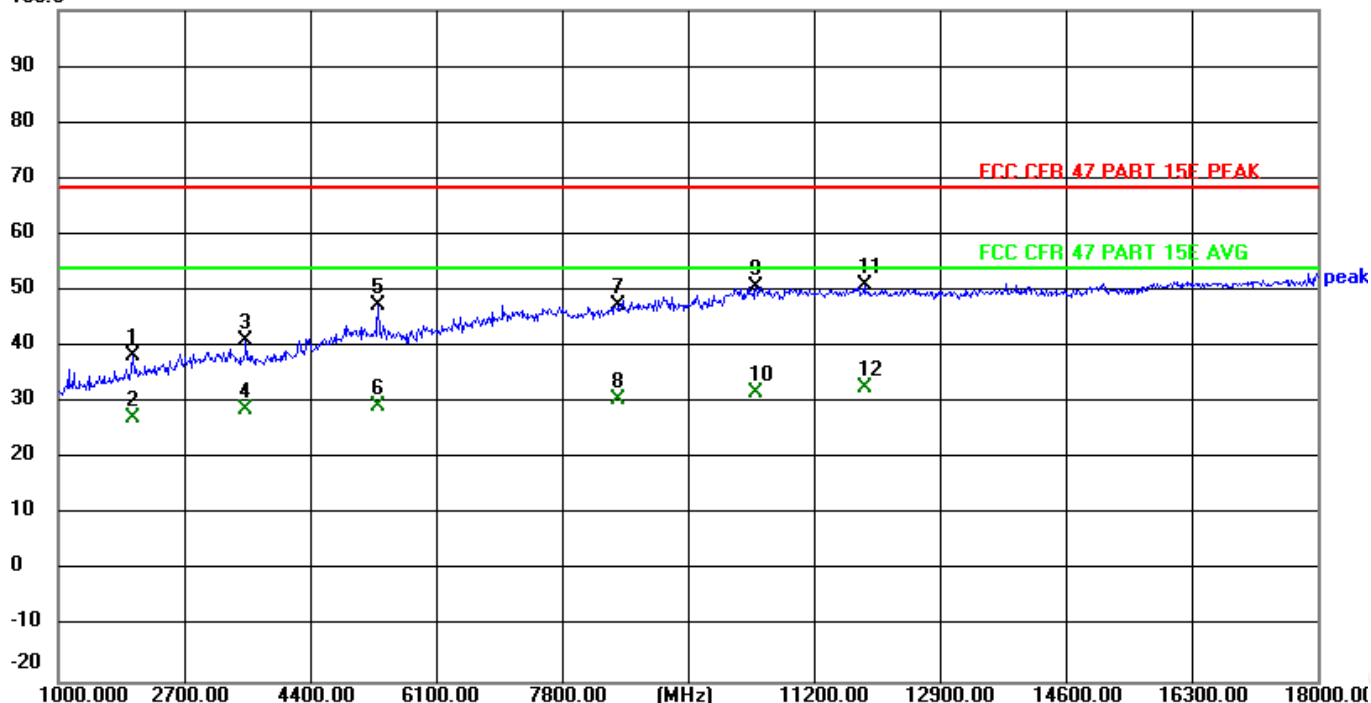
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5320MHz/64

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2003.000	51.45	-13.09	38.36	68.20	-29.84	peak	P
2	2003.000	40.47	-13.09	27.38	54.00	-26.62	AVG	P
3	3533.000	50.38	-9.36	41.02	68.20	-27.18	peak	P
4	3533.000	38.02	-9.36	28.66	54.00	-25.34	AVG	P
5	5318.000	51.02	-3.54	47.48	68.20	-20.72	peak	P
6	5318.000	32.89	-3.54	29.35	54.00	-24.65	AVG	P
7	8565.000	45.75	1.45	47.20	68.20	-21.00	peak	P
8	8565.000	29.08	1.45	30.53	54.00	-23.47	AVG	P
9	10418.000	46.37	4.30	50.67	68.20	-17.53	peak	P
10	10418.000	27.57	4.30	31.87	54.00	-22.13	AVG	P
11	11880.000	44.39	6.53	50.92	68.20	-17.28	peak	P
12	11880.000	26.16	6.53	32.69	54.00	-21.31	AVG	P



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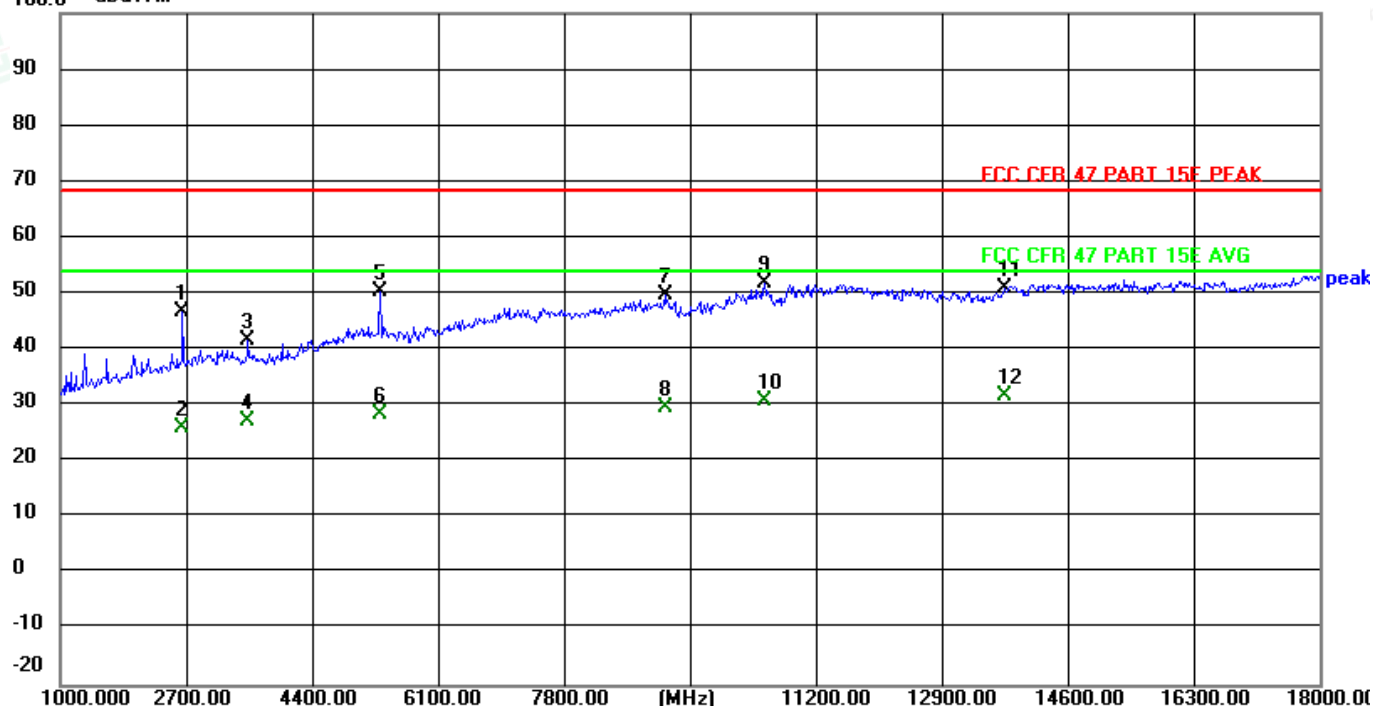
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2649.000	57.53	-10.82	46.71	68.20	-21.49	peak	P
2	2649.000	37.00	-10.82	26.18	54.00	-27.82	AVG	P
3	3533.000	51.09	-9.36	41.73	68.20	-26.47	peak	P
4	3533.000	36.70	-9.36	27.34	54.00	-26.66	AVG	P
5	5318.000	54.02	-3.54	50.48	68.20	-17.72	peak	P
6	5318.000	31.86	-3.54	28.32	54.00	-25.68	AVG	P
7	9160.000	47.52	2.15	49.67	68.20	-18.53	peak	P
8	9160.000	27.37	2.15	29.52	54.00	-24.48	AVG	P
9	10503.000	47.25	4.45	51.70	68.20	-16.50	peak	P
10	10503.000	26.43	4.45	30.88	54.00	-23.12	AVG	P
11	13750.000	42.43	8.45	50.88	68.20	-17.32	peak	P
12	13750.000	23.22	8.45	31.67	54.00	-22.33	AVG	P



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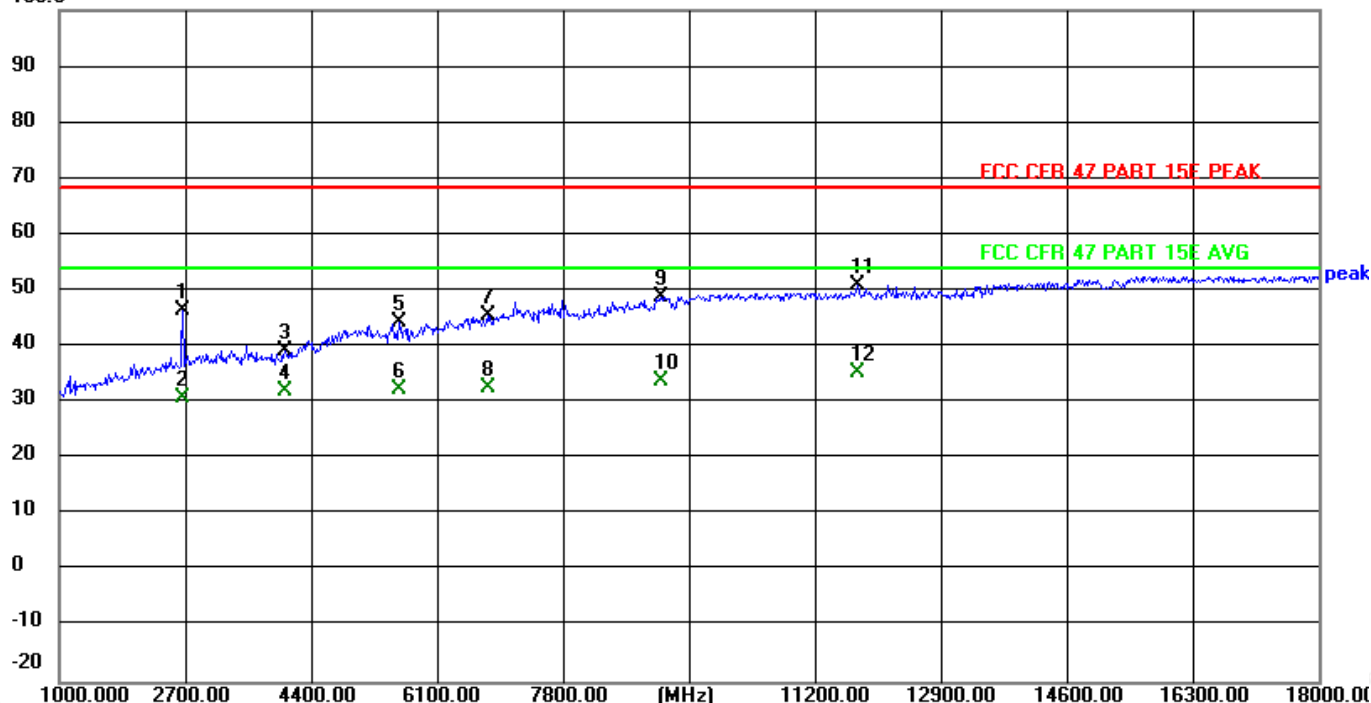
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5500MHz/100(242 Tones)

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	57.32	-10.76	46.56	68.20	-21.64	peak	P
2	2666.000	41.59	-10.76	30.83	54.00	-23.17	AVG	P
3	4043.000	47.54	-8.38	39.16	68.20	-29.04	peak	P
4	4043.000	40.33	-8.38	31.95	54.00	-22.05	AVG	P
5	5590.000	47.57	-3.30	44.27	68.20	-23.93	peak	P
6	5590.000	35.80	-3.30	32.50	54.00	-21.50	AVG	P
7	6780.000	46.27	-0.75	45.52	68.20	-22.68	peak	P
8	6780.000	33.55	-0.75	32.80	54.00	-21.20	AVG	P
9	9126.000	46.69	2.10	48.79	68.20	-19.41	peak	P
10	9126.000	31.88	2.10	33.98	54.00	-20.02	AVG	P
11	11778.000	44.64	6.39	51.03	68.20	-17.17	peak	P
12	11778.000	28.85	6.39	35.24	54.00	-18.76	AVG	P



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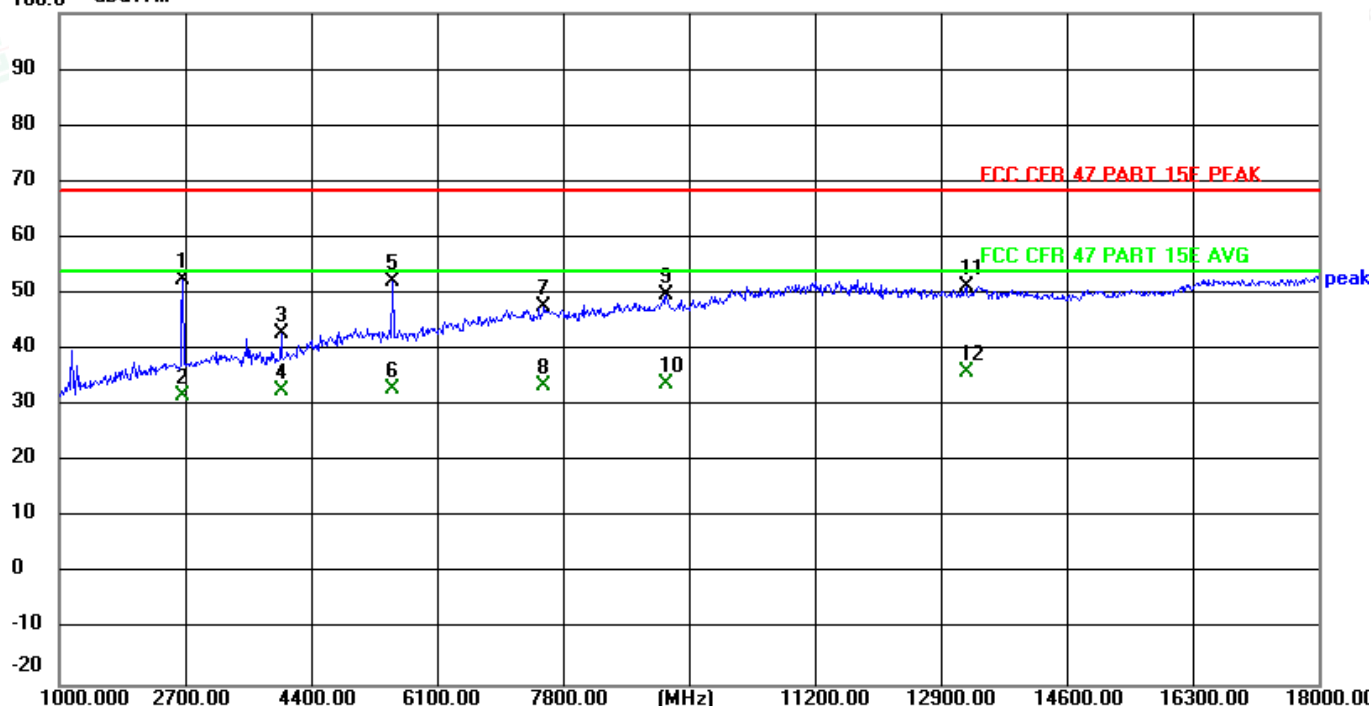
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	63.16	-10.76	52.40	68.20	-15.80	peak	P
2	2666.000	42.43	-10.76	31.67	54.00	-22.33	AVG	P
3	3992.000	51.40	-8.55	42.85	68.20	-25.35	peak	P
4	3992.000	41.08	-8.55	32.53	54.00	-21.47	AVG	P
5	5505.000	55.47	-3.20	52.27	68.20	-15.93	peak	P
6	5505.000	36.10	-3.20	32.90	54.00	-21.10	AVG	P
7	7545.000	46.98	0.66	47.64	68.20	-20.56	peak	P
8	7545.000	32.91	0.66	33.57	54.00	-20.43	AVG	P
9	9194.000	47.52	2.22	49.74	68.20	-18.46	peak	P
10	9194.000	31.74	2.22	33.96	54.00	-20.04	AVG	P
11	13240.000	44.34	6.94	51.28	68.20	-16.92	peak	P
12	13240.000	28.92	6.94	35.86	54.00	-18.14	AVG	P



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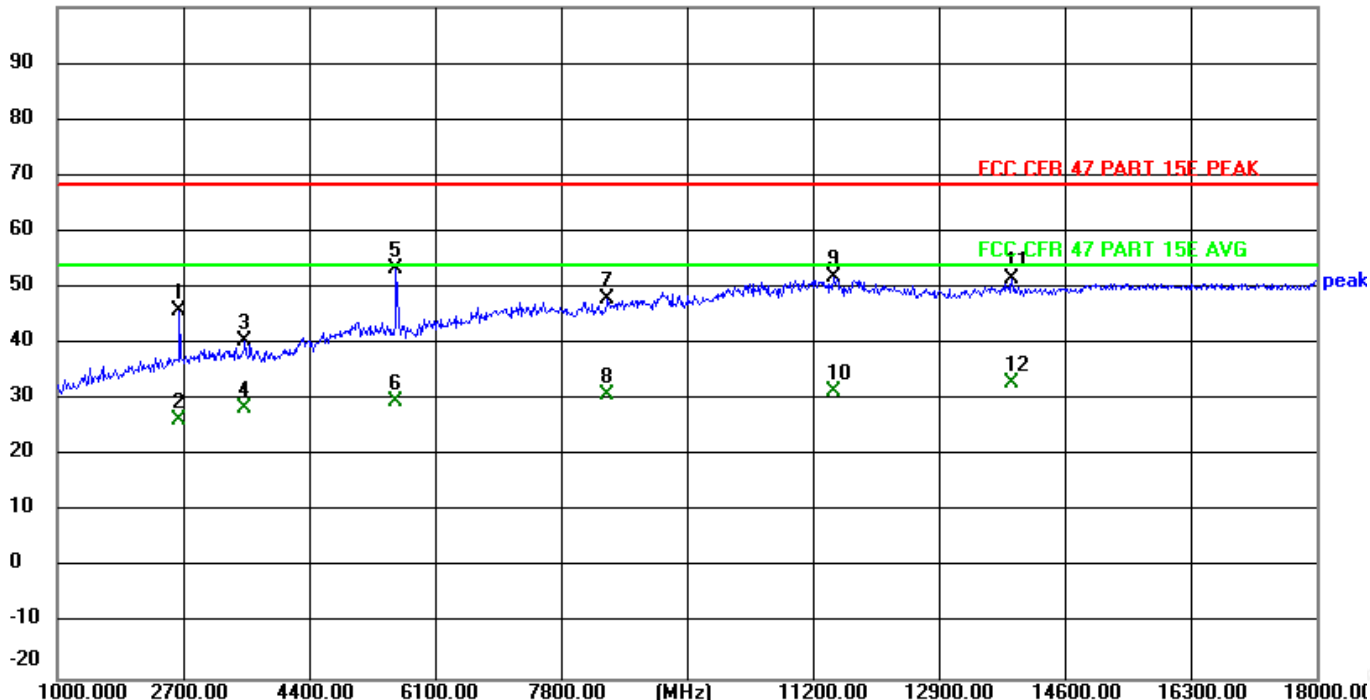
Scan code to check authenticity



Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5580MHz/116

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2649.000	56.58	-10.82	45.76	68.20	-22.44	peak	P
2	2649.000	37.19	-10.82	26.37	54.00	-27.63	AVG	P
3	3533.000	49.93	-9.36	40.57	68.20	-27.63	peak	P
4	3533.000	37.92	-9.36	28.56	54.00	-25.44	AVG	P
5	5573.000	56.73	-3.28	53.45	68.20	-14.75	peak	P
6	5573.000	32.98	-3.28	29.70	54.00	-24.30	AVG	P
7	8429.000	46.57	1.31	47.88	68.20	-20.32	peak	P
8	8429.000	29.53	1.31	30.84	54.00	-23.16	AVG	P
9	11489.000	45.90	6.00	51.90	68.20	-16.30	peak	P
10	11489.000	25.52	6.00	31.52	54.00	-22.48	AVG	P
11	13886.000	42.58	8.84	51.42	68.20	-16.78	peak	P
12	13886.000	24.05	8.84	32.89	54.00	-21.11	AVG	P



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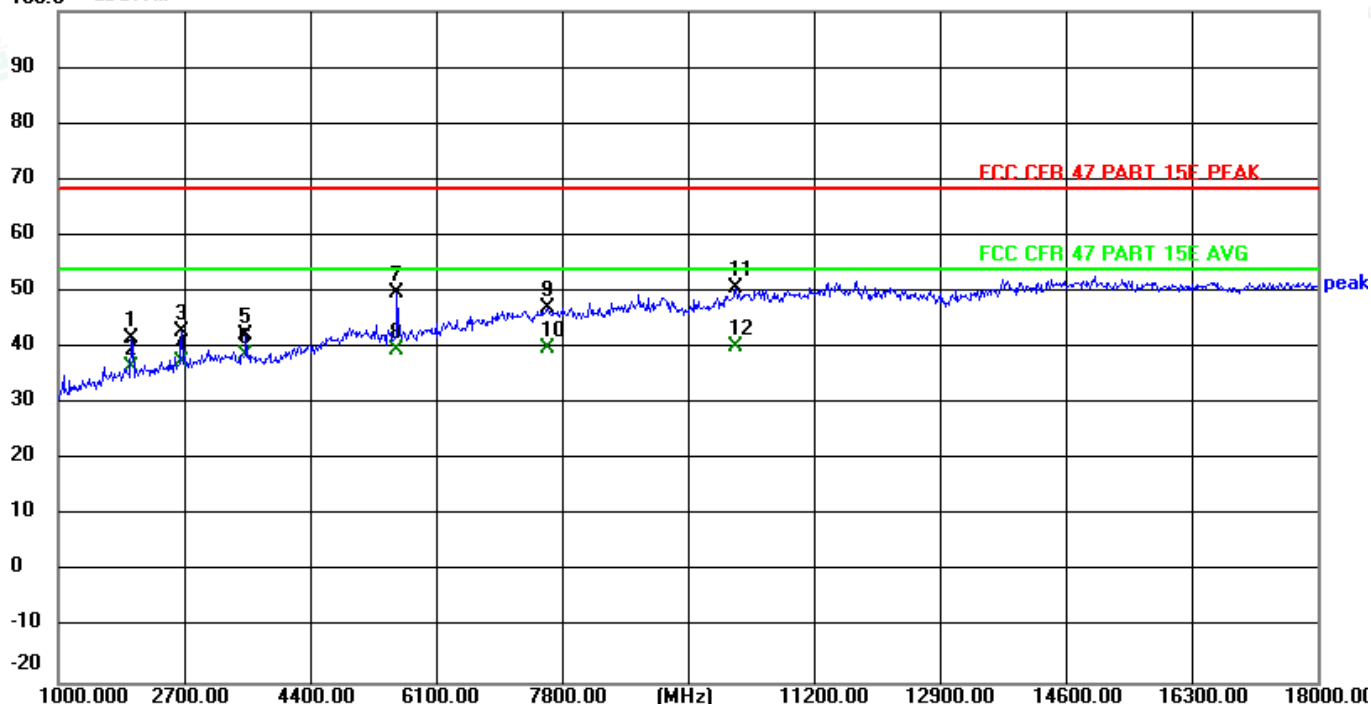
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1986.000	54.98	-13.18	41.80	68.20	-26.40	peak	P
2	1986.000	49.68	-13.18	36.50	54.00	-17.50	AVG	P
3	2666.000	53.57	-10.76	42.81	68.20	-25.39	peak	P
4	2666.000	48.19	-10.76	37.43	54.00	-16.57	AVG	P
5	3533.000	51.56	-9.36	42.20	68.20	-26.00	peak	P
6	3533.000	47.89	-9.36	38.53	54.00	-15.47	AVG	P
7	5573.000	53.02	-3.28	49.74	68.20	-18.46	peak	P
8	5573.000	42.75	-3.28	39.47	54.00	-14.53	AVG	P
9	7613.000	46.48	0.69	47.17	68.20	-21.03	peak	P
10	7613.000	39.11	0.69	39.80	54.00	-14.20	AVG	P
11	10146.000	46.89	3.82	50.71	68.20	-17.49	peak	P
12	10146.000	36.28	3.82	40.10	54.00	-13.90	AVG	P



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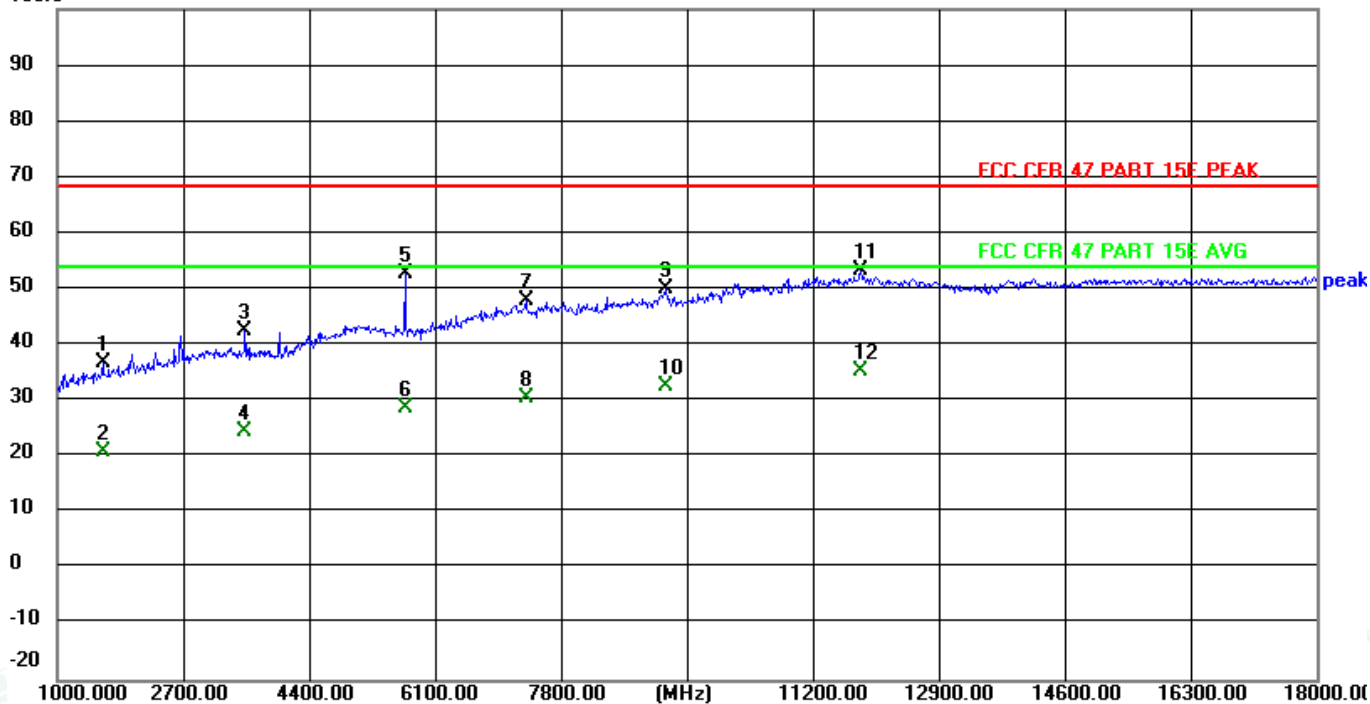
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5700MHz/140

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1612.000	51.47	-14.58	36.89	68.20	-31.31	peak	P
2	1612.000	35.41	-14.58	20.83	54.00	-33.17	AVG	P
3	3533.000	51.82	-9.36	42.46	68.20	-25.74	peak	P
4	3533.000	33.88	-9.36	24.52	54.00	-29.48	AVG	P
5	5692.000	56.13	-3.40	52.73	68.20	-15.47	peak	P
6	5692.000	32.30	-3.40	28.90	54.00	-25.10	AVG	P
7	7324.000	47.67	0.34	48.01	68.20	-20.19	peak	P
8	7324.000	30.24	0.34	30.58	54.00	-23.42	AVG	P
9	9211.000	47.94	2.25	50.19	68.20	-18.01	peak	P
10	9211.000	30.33	2.25	32.58	54.00	-21.42	AVG	P
11	11846.000	46.74	6.48	53.22	68.20	-14.98	peak	P
12	11846.000	28.95	6.48	35.43	54.00	-18.57	AVG	P



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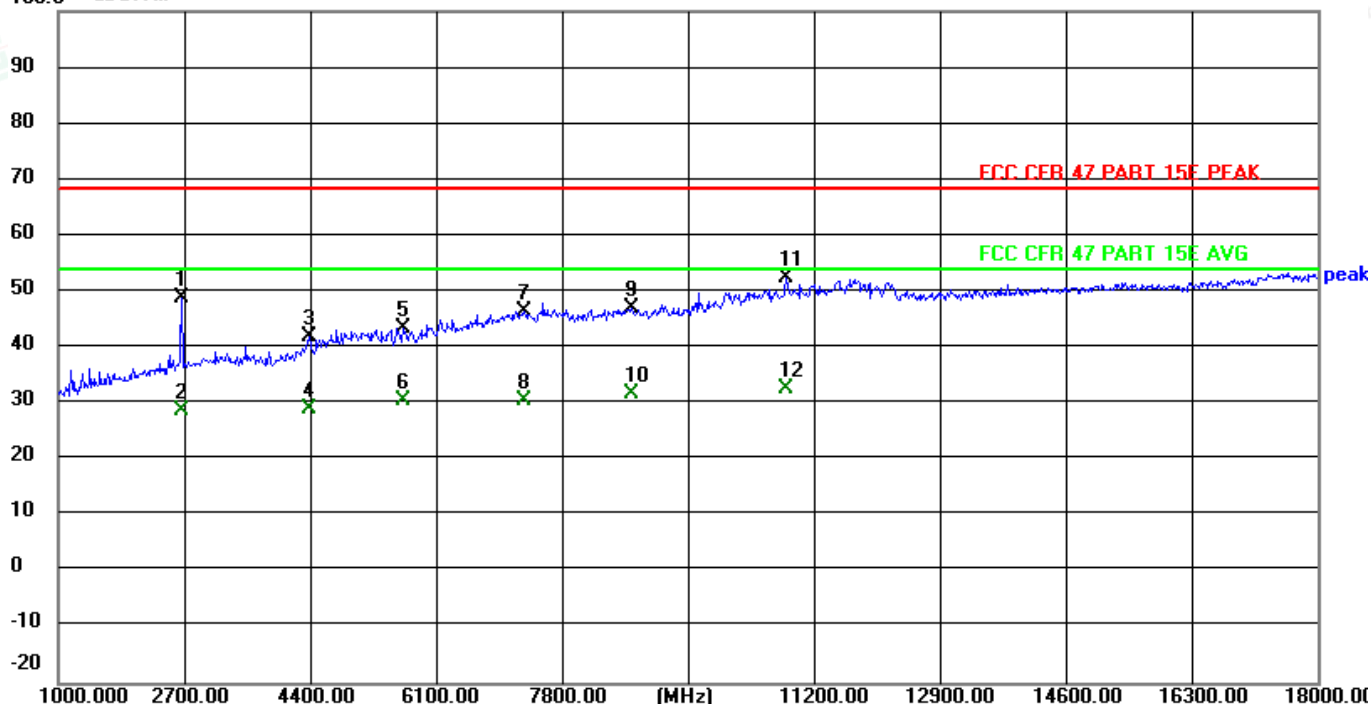
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	59.74	-10.76	48.98	68.20	-19.22	peak	P
2	2666.000	39.40	-10.76	28.64	54.00	-25.36	AVG	P
3	4383.000	48.95	-7.03	41.92	68.20	-26.28	peak	P
4	4383.000	36.13	-7.03	29.10	54.00	-24.90	AVG	P
5	5658.000	46.83	-3.35	43.48	68.20	-24.72	peak	P
6	5658.000	33.88	-3.35	30.53	54.00	-23.47	AVG	P
7	7290.000	46.27	0.29	46.56	68.20	-21.64	peak	P
8	7290.000	30.35	0.29	30.64	54.00	-23.36	AVG	P
9	8735.000	45.31	1.62	46.93	68.20	-21.27	peak	P
10	8735.000	30.11	1.62	31.73	54.00	-22.27	AVG	P
11	10826.000	47.29	5.04	52.33	68.20	-15.87	peak	P
12	10826.000	27.76	5.04	32.80	54.00	-21.20	AVG	P



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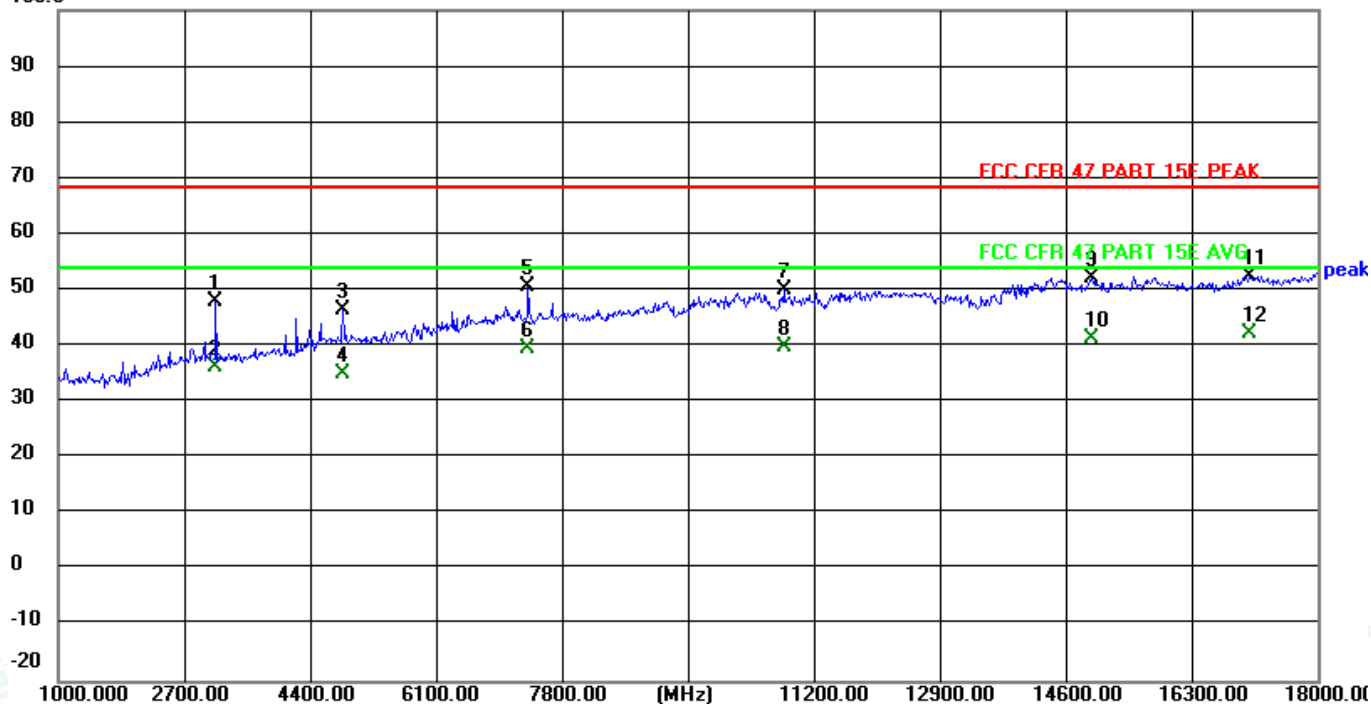
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**40MHz BW**Worst Case Mode: 802.11ac MIMOWorst Case Transfer Rate: MCS0Operating Frequency/Channel: 5270MHz/54**Horizontal**

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	57.40	-9.55	47.85	68.20	-20.35	peak	P
2	3125.000	45.79	-9.55	36.24	54.00	-17.76	AVG	P
3	4842.000	51.30	-4.90	46.40	68.20	-21.80	peak	P
4	4842.000	40.07	-4.90	35.17	54.00	-18.83	AVG	P
5	7341.000	50.21	0.38	50.59	68.20	-17.61	peak	P
6	7341.000	39.19	0.38	39.57	54.00	-14.43	AVG	P
7	10792.000	45.20	4.97	50.17	68.20	-18.03	peak	P
8	10792.000	34.83	4.97	39.80	54.00	-14.20	AVG	P
9	14957.000	42.26	9.96	52.22	68.20	-15.98	peak	P
10	14957.000	31.34	9.96	41.30	54.00	-12.70	AVG	P
11	17082.000	40.60	11.84	52.44	68.20	-15.76	peak	P
12	17082.000	30.46	11.84	42.30	54.00	-11.70	AVG	P



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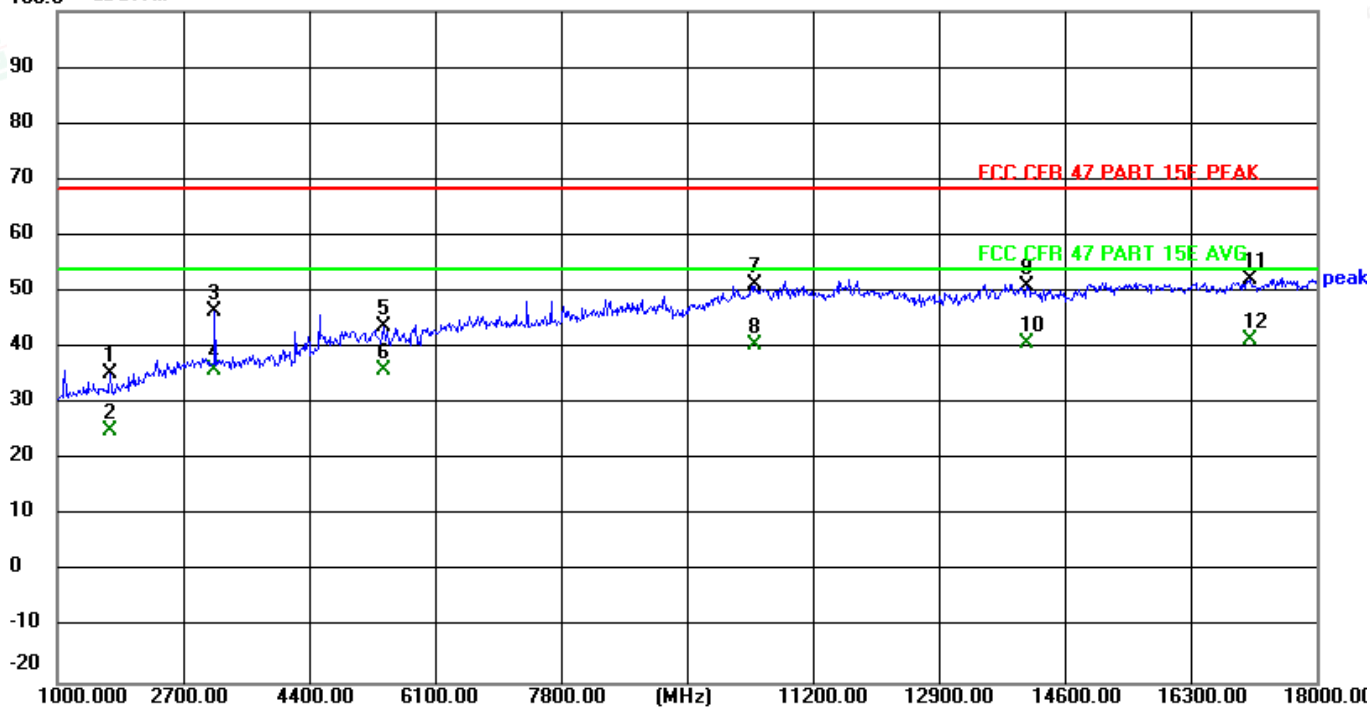
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1714.000	49.63	-14.35	35.28	68.20	-32.92	peak	P
2	1714.000	39.48	-14.35	25.13	54.00	-28.87	AVG	P
3	3125.000	55.90	-9.55	46.35	68.20	-21.85	peak	P
4	3125.000	45.42	-9.55	35.87	54.00	-18.13	AVG	P
5	5403.000	47.25	-3.38	43.87	68.20	-24.33	peak	P
6	5403.000	39.28	-3.38	35.90	54.00	-18.10	AVG	P
7	10418.000	46.80	4.30	51.10	68.20	-17.10	peak	P
8	10418.000	36.08	4.30	40.38	54.00	-13.62	AVG	P
9	14090.000	41.66	9.25	50.91	68.20	-17.29	peak	P
10	14090.000	31.45	9.25	40.70	54.00	-13.30	AVG	P
11	17099.000	40.11	11.95	52.06	68.20	-16.14	peak	P
12	17099.000	29.33	11.95	41.28	54.00	-12.72	AVG	P



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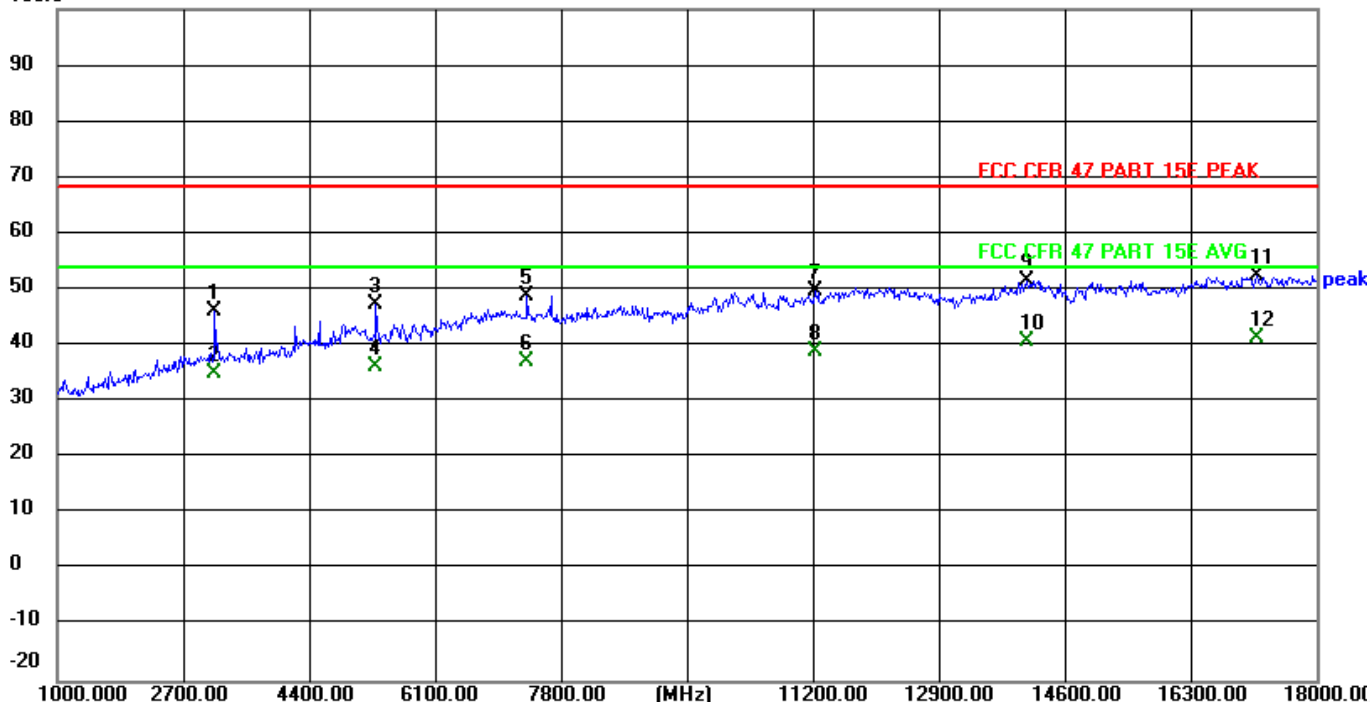
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5310MHz/62

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	55.71	-9.55	46.16	68.20	-22.04	peak	P
2	3125.000	44.65	-9.55	35.10	54.00	-18.90	AVG	P
3	5301.000	50.95	-3.57	47.38	68.20	-20.82	peak	P
4	5301.000	39.97	-3.57	36.40	54.00	-17.60	AVG	P
5	7341.000	48.41	0.38	48.79	68.20	-19.41	peak	P
6	7341.000	36.90	0.38	37.28	54.00	-16.72	AVG	P
7	11234.000	43.97	5.66	49.63	68.20	-18.57	peak	P
8	11234.000	33.44	5.66	39.10	54.00	-14.90	AVG	P
9	14090.000	42.42	9.25	51.67	68.20	-16.53	peak	P
10	14090.000	31.45	9.25	40.70	54.00	-13.30	AVG	P
11	17201.000	39.83	12.61	52.44	68.20	-15.76	peak	P
12	17201.000	28.62	12.61	41.23	54.00	-12.77	AVG	P



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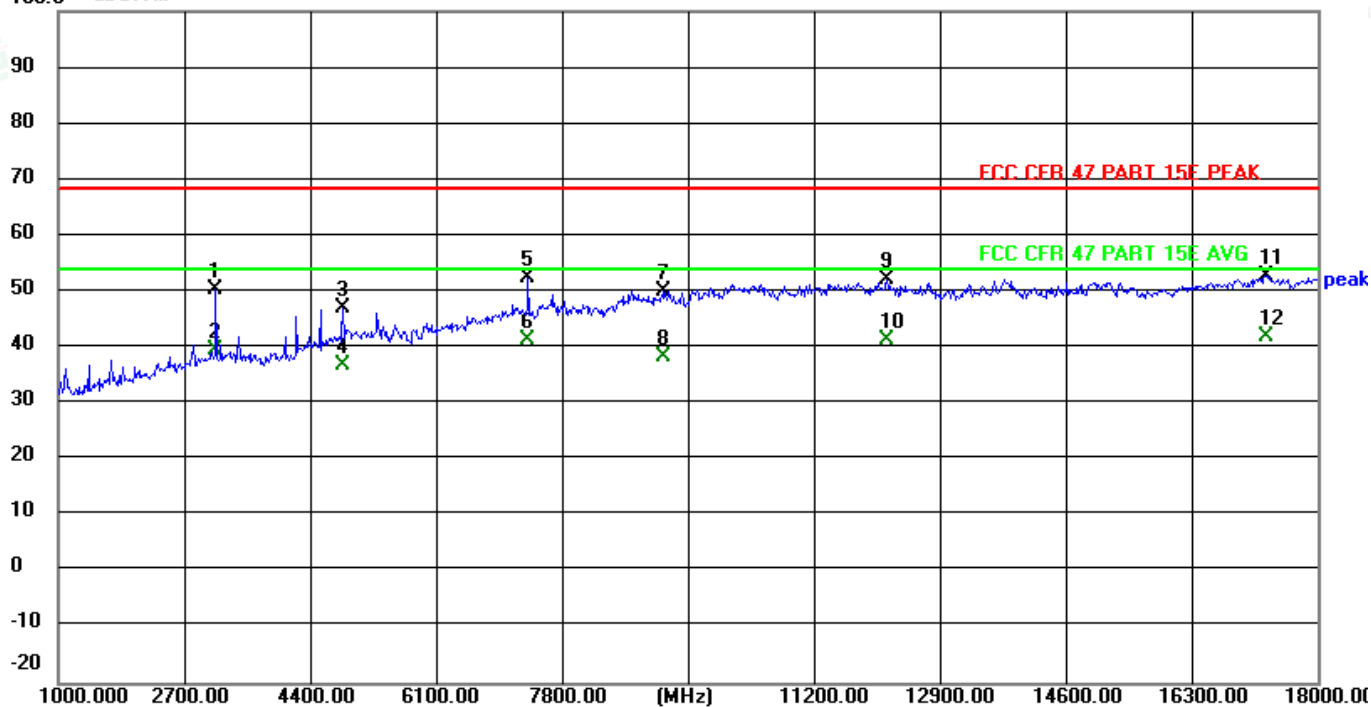
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	59.93	-9.55	50.38	68.20	-17.82	peak	P
2	3125.000	49.15	-9.55	39.60	54.00	-14.40	AVG	P
3	4842.000	51.99	-4.90	47.09	68.20	-21.11	peak	P
4	4842.000	41.77	-4.90	36.87	54.00	-17.13	AVG	P
5	7341.000	52.02	0.38	52.40	68.20	-15.80	peak	P
6	7341.000	41.12	0.38	41.50	54.00	-12.50	AVG	P
7	9177.000	47.79	2.18	49.97	68.20	-18.23	peak	P
8	9177.000	36.29	2.18	38.47	54.00	-15.53	AVG	P
9	12186.000	45.53	6.60	52.13	68.20	-16.07	peak	P
10	12186.000	34.60	6.60	41.20	54.00	-12.80	AVG	P
11	17303.000	39.41	13.26	52.67	68.20	-15.53	peak	P
12	17303.000	28.64	13.26	41.90	54.00	-12.10	AVG	P



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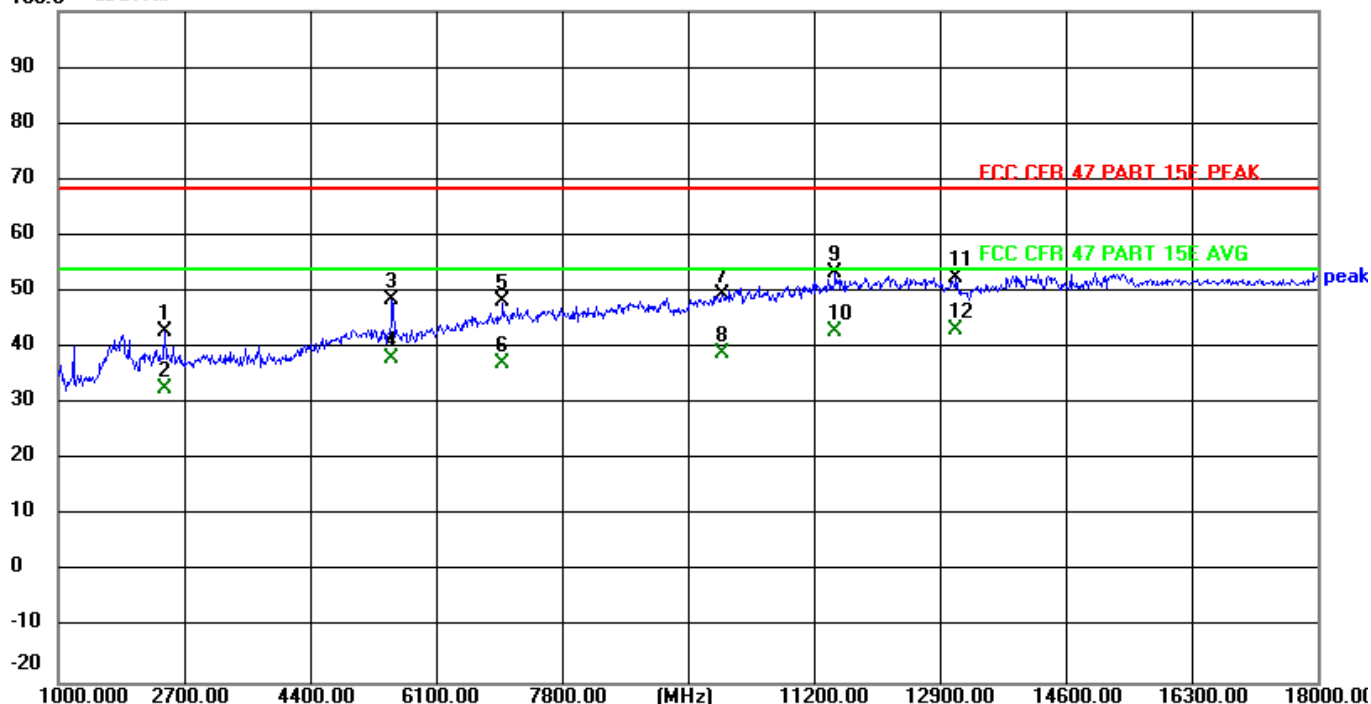
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5510MHz/102

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2428.000	54.56	-11.60	42.96	68.20	-25.24	peak	P
2	2428.000	44.40	-11.60	32.80	54.00	-21.20	AVG	P
3	5505.000	51.61	-3.20	48.41	68.20	-19.79	peak	P
4	5505.000	41.36	-3.20	38.16	54.00	-15.84	AVG	P
5	7001.000	48.30	-0.20	48.10	68.20	-20.10	peak	P
6	7001.000	37.33	-0.20	37.13	54.00	-16.87	AVG	P
7	9959.000	45.89	3.48	49.37	68.20	-18.83	peak	P
8	9959.000	35.45	3.48	38.93	54.00	-15.07	AVG	P
9	11489.000	47.48	6.00	53.48	68.20	-14.72	peak	P
10	11489.000	36.89	6.00	42.89	54.00	-11.11	AVG	P
11	13121.000	45.90	6.60	52.50	68.20	-15.70	peak	P
12	13121.000	36.60	6.60	43.20	54.00	-10.80	AVG	P



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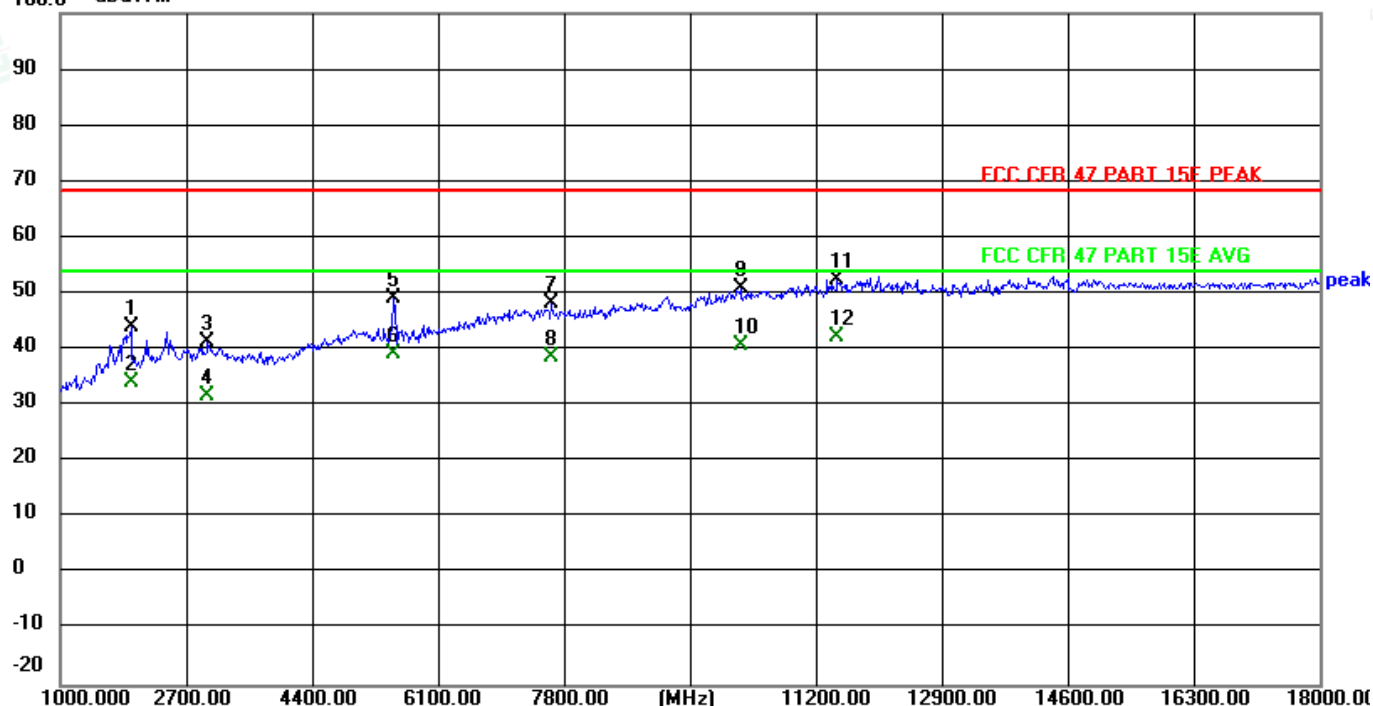
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	57.55	-13.36	44.19	68.20	-24.01	peak	P
2	1952.000	47.64	-13.36	34.28	54.00	-19.72	AVG	P
3	2989.000	51.04	-9.64	41.40	68.20	-26.80	peak	P
4	2989.000	41.31	-9.64	31.67	54.00	-22.33	AVG	P
5	5488.000	52.38	-3.23	49.15	68.20	-19.05	peak	P
6	5488.000	42.51	-3.23	39.28	54.00	-14.72	AVG	P
7	7630.000	47.53	0.66	48.19	68.20	-20.01	peak	P
8	7630.000	37.96	0.66	38.62	54.00	-15.38	AVG	P
9	10180.000	47.07	3.88	50.95	68.20	-17.25	peak	P
10	10180.000	36.98	3.88	40.86	54.00	-13.14	AVG	P
11	11489.000	46.52	6.00	52.52	68.20	-15.68	peak	P
12	11489.000	36.37	6.00	42.37	54.00	-11.63	AVG	P



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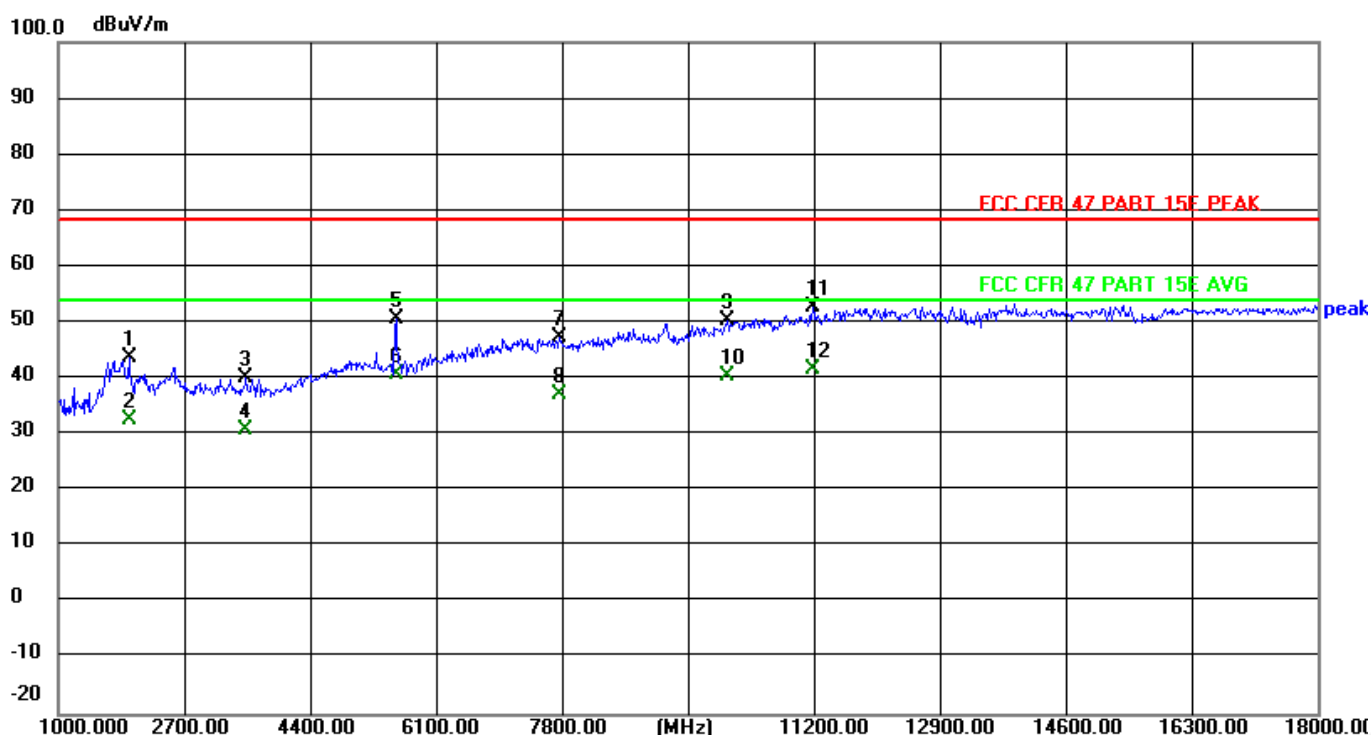
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Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5550MHz/110

Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	57.20	-13.36	43.84	68.20	-24.36	peak	P
2	1952.000	46.04	-13.36	32.68	54.00	-21.32	AVG	P
3	3533.000	49.62	-9.36	40.26	68.20	-27.94	peak	P
4	3533.000	40.19	-9.36	30.83	54.00	-23.17	AVG	P
5	5556.000	53.93	-3.26	50.67	68.20	-17.53	peak	P
6	5556.000	43.88	-3.26	40.62	54.00	-13.38	AVG	P
7	7766.000	46.55	0.65	47.20	68.20	-21.00	peak	P
8	7766.000	36.55	0.65	37.20	54.00	-16.80	AVG	P
9	10027.000	46.84	3.60	50.44	68.20	-17.76	peak	P
10	10027.000	36.77	3.60	40.37	54.00	-13.63	AVG	P
11	11183.000	47.09	5.60	52.69	68.20	-15.51	peak	P
12	11183.000	36.07	5.60	41.67	54.00	-12.33	AVG	P



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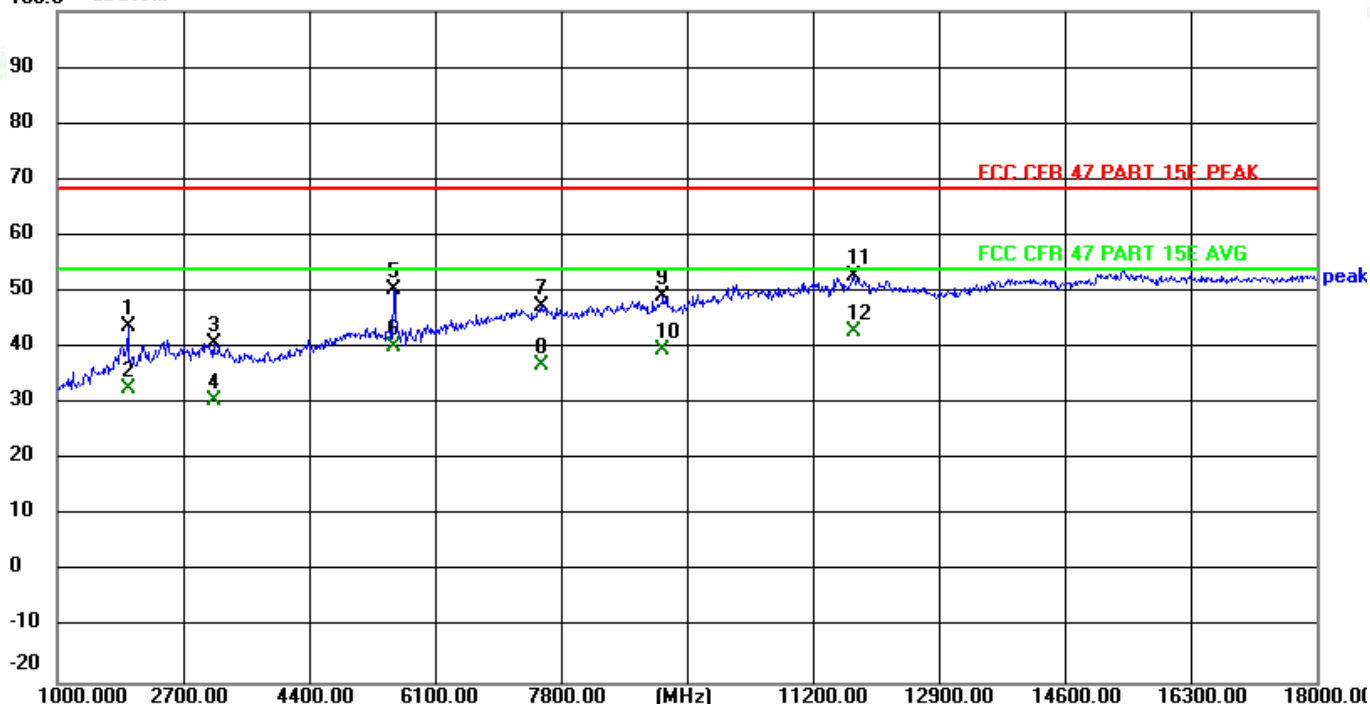
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	57.21	-13.36	43.85	68.20	-24.35	peak	P
2	1952.000	46.03	-13.36	32.67	54.00	-21.33	AVG	P
3	3108.000	50.17	-9.55	40.62	68.20	-27.58	peak	P
4	3108.000	40.07	-9.55	30.52	54.00	-23.48	AVG	P
5	5539.000	53.70	-3.25	50.45	68.20	-17.75	peak	P
6	5539.000	43.38	-3.25	40.13	54.00	-13.87	AVG	P
7	7528.000	46.85	0.65	47.50	68.20	-20.70	peak	P
8	7528.000	36.24	0.65	36.89	54.00	-17.11	AVG	P
9	9177.000	46.92	2.18	49.10	68.20	-19.10	peak	P
10	9177.000	37.34	2.18	39.52	54.00	-14.48	AVG	P
11	11761.000	46.28	6.36	52.64	68.20	-15.56	peak	P
12	11761.000	36.34	6.36	42.70	54.00	-11.30	AVG	P



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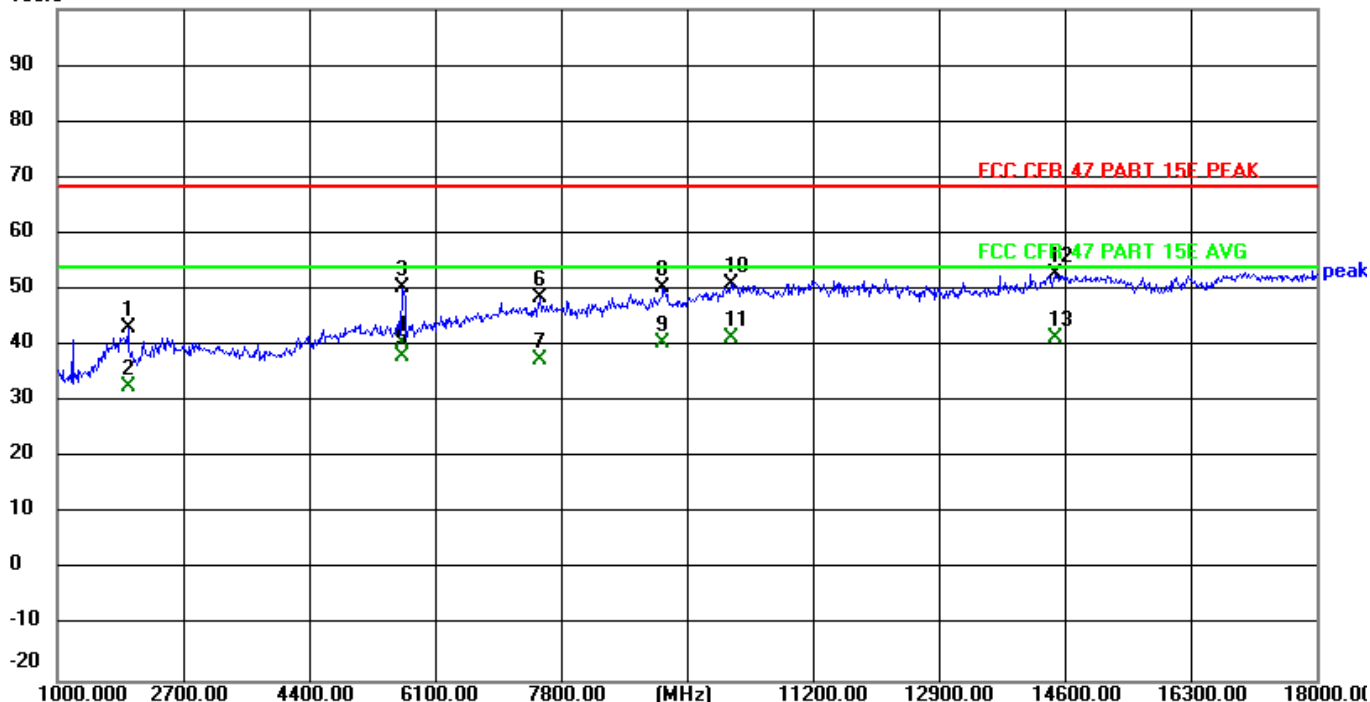
Scan code to check authenticity



Worst Case Mode: 802.11ac MIMO
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5670MHz/134

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	56.37	-13.36	43.01	68.20	-25.19	peak	P
2	1952.000	46.04	-13.36	32.68	54.00	-21.32	AVG	P
3	5658.000	53.79	-3.35	50.44	68.20	-17.76	peak	P
4	5658.000	43.78	-3.35	40.43	54.00	-13.57	AVG	P
5	5658.000	41.54	-3.35	38.19	54.00	-15.81	AVG	P
6	7511.000	47.94	0.64	48.58	68.20	-19.62	peak	P
7	7511.000	36.94	0.64	37.58	54.00	-16.42	AVG	P
8	9177.000	48.20	2.18	50.38	68.20	-17.82	peak	P
9	9177.000	38.39	2.18	40.57	54.00	-13.43	AVG	P
10	10095.000	47.21	3.71	50.92	68.20	-17.28	peak	P
11	10095.000	37.49	3.71	41.20	54.00	-12.80	AVG	P
12	14464.000	43.11	9.56	52.67	68.20	-15.53	peak	P
13	14464.000	31.72	9.56	41.28	54.00	-12.72	AVG	P



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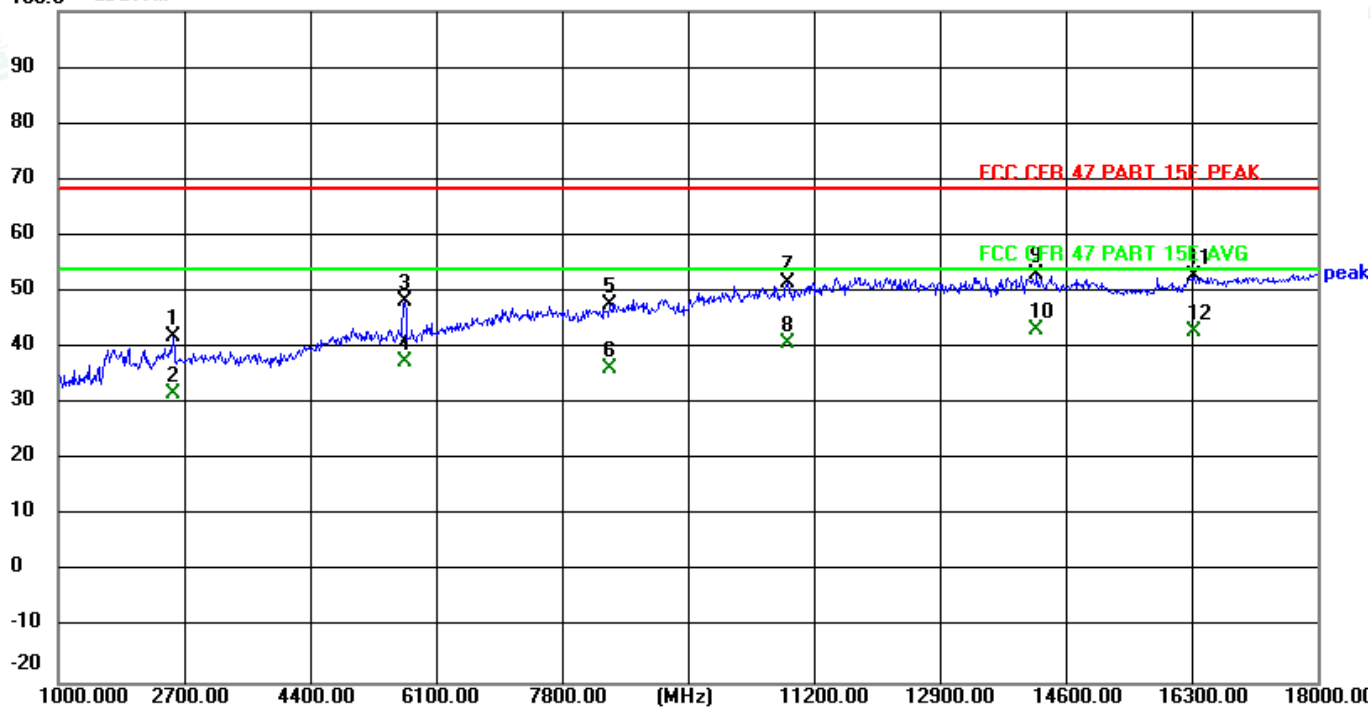
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2547.000	53.18	-11.18	42.00	68.20	-26.20	peak	P
2	2547.000	43.04	-11.18	31.86	54.00	-22.14	AVG	P
3	5675.000	51.72	-3.38	48.34	68.20	-19.86	peak	P
4	5675.000	40.90	-3.38	37.52	54.00	-16.48	AVG	P
5	8446.000	46.31	1.23	47.54	68.20	-20.66	peak	P
6	8446.000	35.07	1.23	36.30	54.00	-17.70	AVG	P
7	10843.000	46.46	5.06	51.52	68.20	-16.68	peak	P
8	10843.000	35.79	5.06	40.85	54.00	-13.15	AVG	P
9	14209.000	43.76	9.35	53.11	68.20	-15.09	peak	P
10	14209.000	33.75	9.35	43.10	54.00	-10.90	AVG	P
11	16334.000	44.07	8.66	52.73	68.20	-15.47	peak	P
12	16334.000	34.27	8.66	42.93	54.00	-11.07	AVG	P



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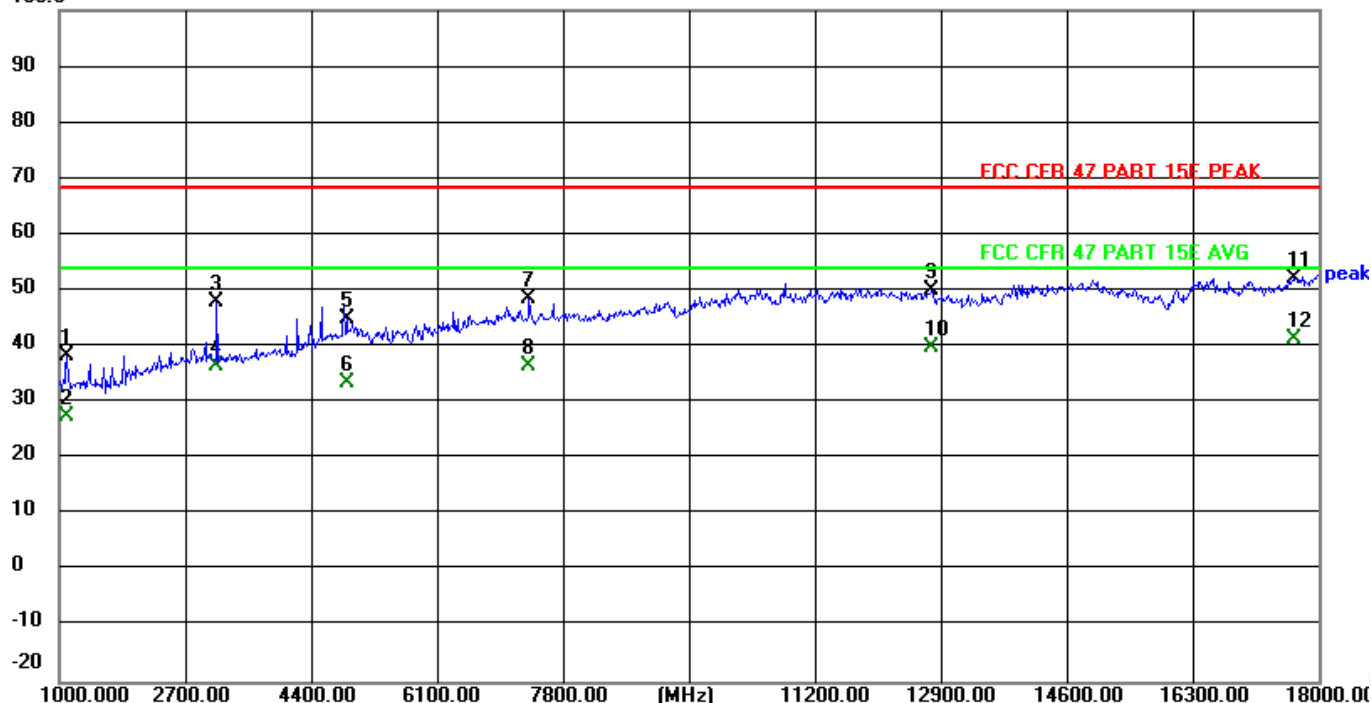
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5270MHz/54

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1102.000	53.74	-15.34	38.40	68.20	-29.80	peak	P
2	1102.000	42.97	-15.34	27.63	54.00	-26.37	AVG	P
3	3125.000	57.40	-9.55	47.85	68.20	-20.35	peak	P
4	3125.000	46.12	-9.55	36.57	54.00	-17.43	AVG	P
5	4876.000	49.71	-4.73	44.98	68.20	-23.22	peak	P
6	4876.000	38.30	-4.73	33.57	54.00	-20.43	AVG	P
7	7341.000	48.21	0.38	48.59	68.20	-19.61	peak	P
8	7341.000	36.19	0.38	36.57	54.00	-17.43	AVG	P
9	12781.000	43.69	6.34	50.03	68.20	-18.17	peak	P
10	12781.000	33.53	6.34	39.87	54.00	-14.13	AVG	P
11	17677.000	36.57	15.62	52.19	68.20	-16.01	peak	P
12	17677.000	25.71	15.62	41.33	54.00	-12.67	AVG	P



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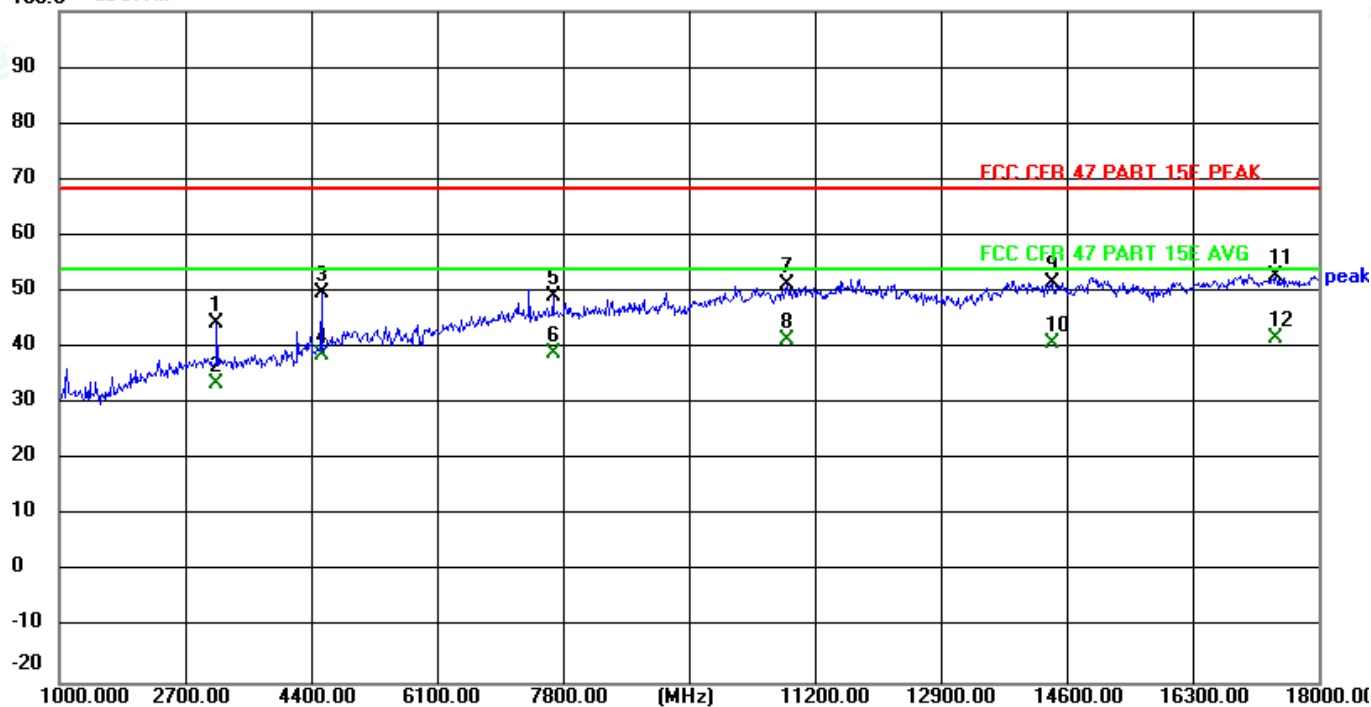
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	53.90	-9.55	44.35	68.20	-23.85	peak	P
2	3125.000	43.22	-9.55	33.67	54.00	-20.33	AVG	P
3	4536.000	56.18	-6.40	49.78	68.20	-18.42	peak	P
4	4536.000	45.02	-6.40	38.62	54.00	-15.38	AVG	P
5	7664.000	48.58	0.65	49.23	68.20	-18.97	peak	P
6	7664.000	38.38	0.65	39.03	54.00	-14.97	AVG	P
7	10826.000	46.23	5.04	51.27	68.20	-16.93	peak	P
8	10826.000	36.22	5.04	41.26	54.00	-12.74	AVG	P
9	14396.000	41.99	9.50	51.49	68.20	-16.71	peak	P
10	14396.000	31.40	9.50	40.90	54.00	-13.10	AVG	P
11	17422.000	38.61	14.00	52.61	68.20	-15.59	peak	P
12	17422.000	27.70	14.00	41.70	54.00	-12.30	AVG	P



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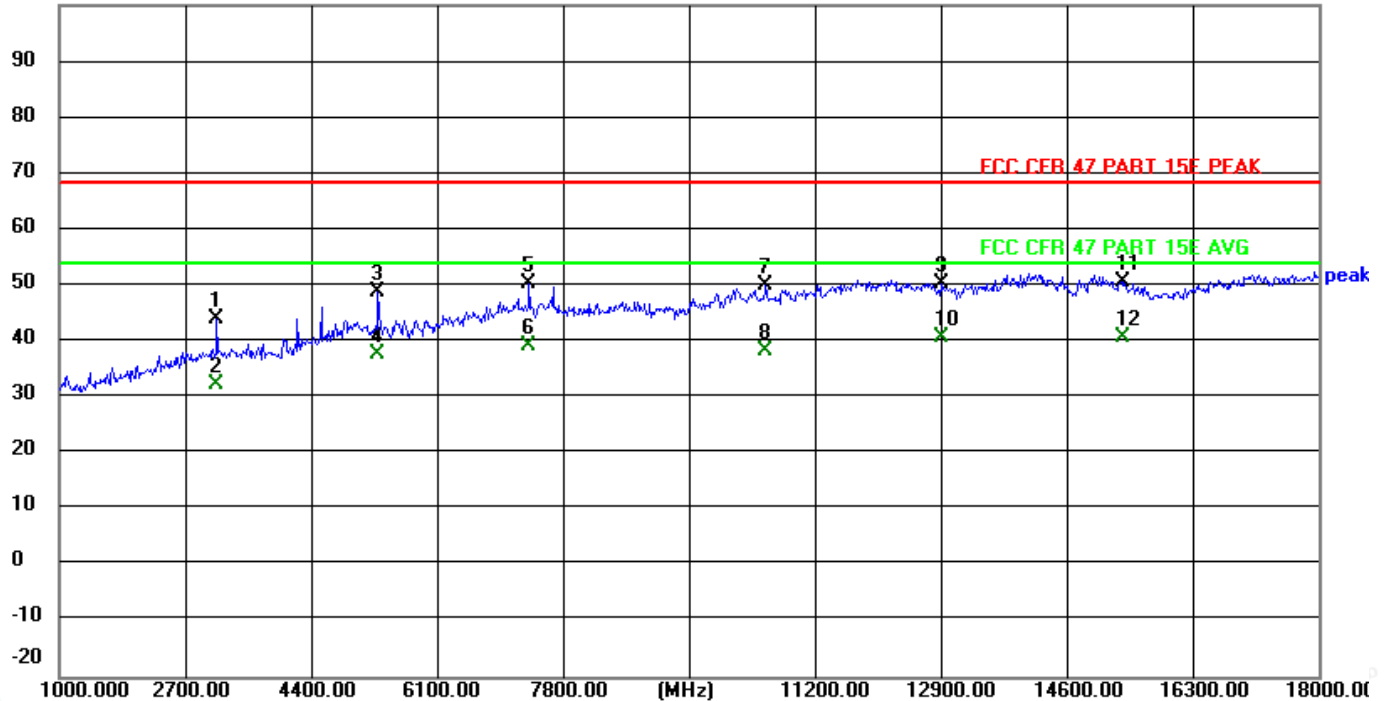
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5310MHz/62

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	53.71	-9.55	44.16	68.20	-24.04	peak	P
2	3125.000	41.93	-9.55	32.38	54.00	-21.62	AVG	P
3	5301.000	52.45	-3.57	48.88	68.20	-19.32	peak	P
4	5301.000	41.21	-3.57	37.64	54.00	-16.36	AVG	P
5	7341.000	49.91	0.38	50.29	68.20	-17.91	peak	P
6	7341.000	38.90	0.38	39.28	54.00	-14.72	AVG	P
7	10537.000	45.47	4.52	49.99	68.20	-18.21	peak	P
8	10537.000	33.83	4.52	38.35	54.00	-15.65	AVG	P
9	12900.000	43.91	6.29	50.20	68.20	-18.00	peak	P
10	12900.000	34.51	6.29	40.80	54.00	-13.20	AVG	P
11	15348.000	41.61	9.07	50.68	68.20	-17.52	peak	P
12	15348.000	31.63	9.07	40.70	54.00	-13.30	AVG	P



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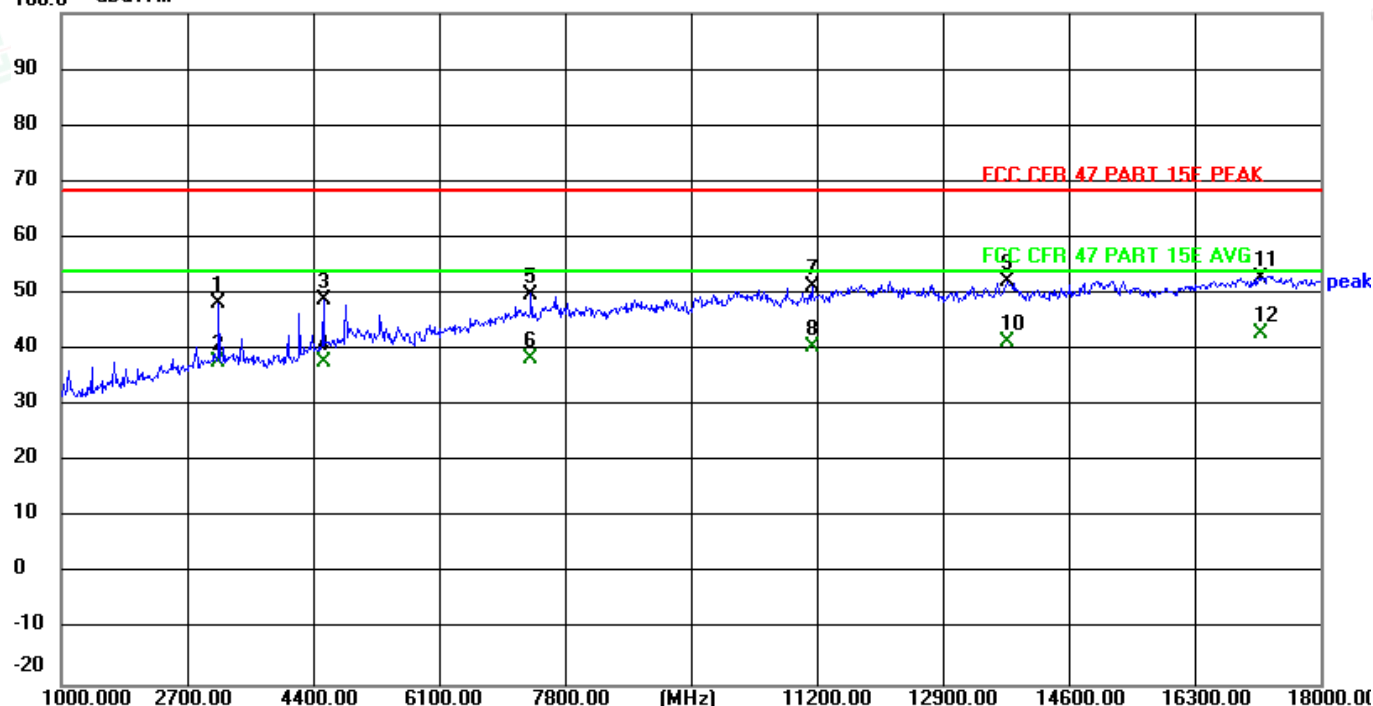
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3125.000	57.93	-9.55	48.38	68.20	-19.82	peak	P
2	3125.000	47.18	-9.55	37.63	54.00	-16.37	AVG	P
3	4536.000	55.25	-6.40	48.85	68.20	-19.35	peak	P
4	4536.000	44.20	-6.40	37.80	54.00	-16.20	AVG	P
5	7341.000	49.52	0.38	49.90	68.20	-18.30	peak	P
6	7341.000	37.92	0.38	38.30	54.00	-15.70	AVG	P
7	11132.000	45.76	5.53	51.29	68.20	-16.91	peak	P
8	11132.000	35.07	5.53	40.60	54.00	-13.40	AVG	P
9	13767.000	43.68	8.49	52.17	68.20	-16.03	peak	P
10	13767.000	32.71	8.49	41.20	54.00	-12.80	AVG	P
11	17184.000	40.26	12.50	52.76	68.20	-15.44	peak	P
12	17184.000	30.20	12.50	42.70	54.00	-11.30	AVG	P



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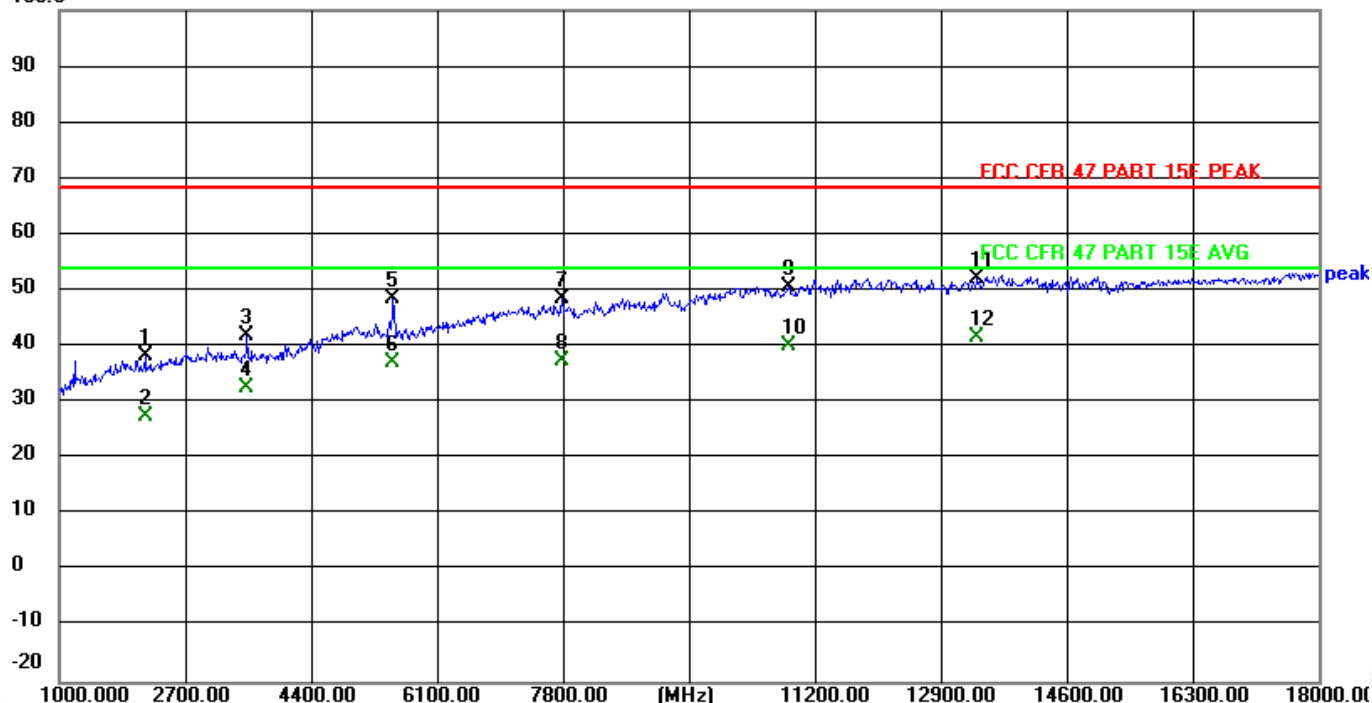
Scan code to check authenticity



Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5510MHz/102

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2156.000	50.76	-12.56	38.20	68.20	-30.00	peak	P
2	2156.000	40.21	-12.56	27.65	54.00	-26.35	AVG	P
3	3533.000	51.41	-9.36	42.05	68.20	-26.15	peak	P
4	3533.000	42.16	-9.36	32.80	54.00	-21.20	AVG	P
5	5505.000	51.69	-3.20	48.49	68.20	-19.71	peak	P
6	5505.000	40.40	-3.20	37.20	54.00	-16.80	AVG	P
7	7783.000	47.74	0.78	48.52	68.20	-19.68	peak	P
8	7783.000	36.60	0.78	37.38	54.00	-16.62	AVG	P
9	10843.000	45.69	5.06	50.75	68.20	-17.45	peak	P
10	10843.000	35.22	5.06	40.28	54.00	-13.72	AVG	P
11	13393.000	44.76	7.40	52.16	68.20	-16.04	peak	P
12	13393.000	34.23	7.40	41.63	54.00	-12.37	AVG	P



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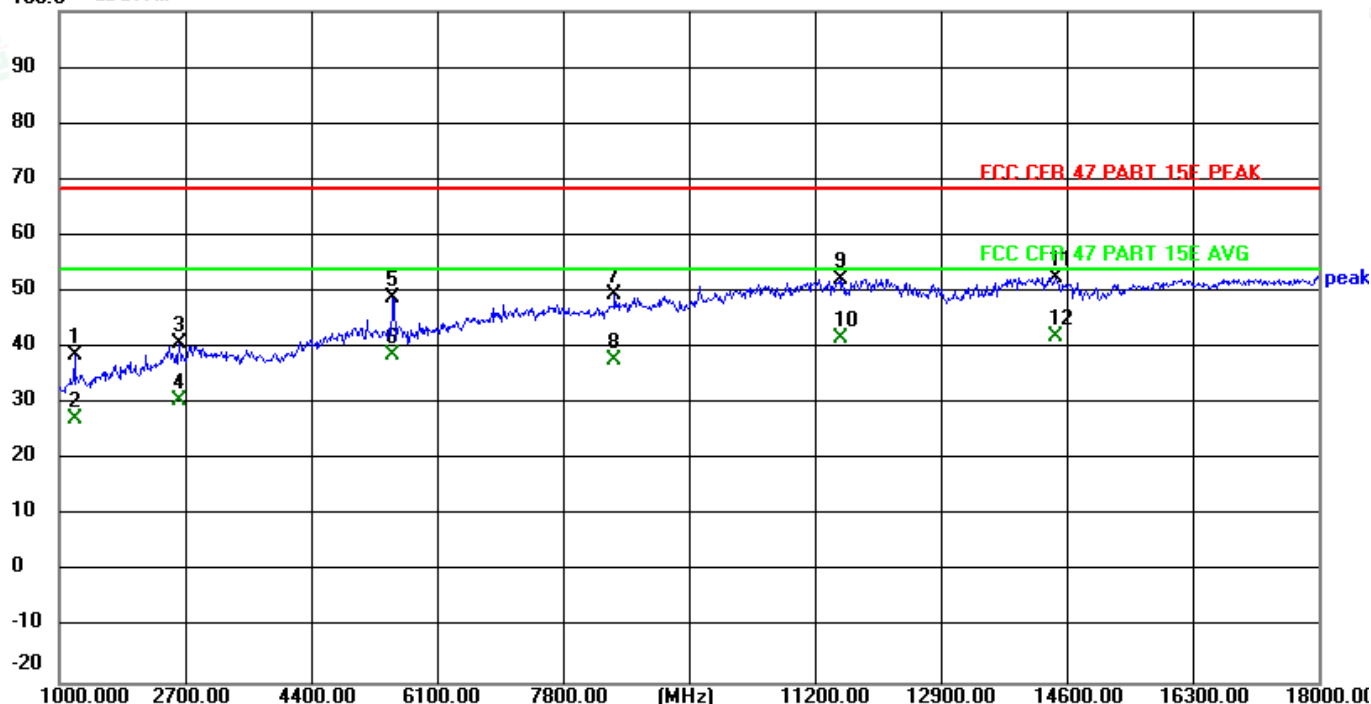
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1204.000	53.75	-15.20	38.55	68.20	-29.65	peak	P
2	1204.000	42.50	-15.20	27.30	54.00	-26.70	AVG	P
3	2615.000	51.56	-10.94	40.62	68.20	-27.58	peak	P
4	2615.000	41.54	-10.94	30.60	54.00	-23.40	AVG	P
5	5505.000	51.96	-3.20	48.76	68.20	-19.44	peak	P
6	5505.000	41.80	-3.20	38.60	54.00	-15.40	AVG	P
7	8497.000	48.24	1.28	49.52	68.20	-18.68	peak	P
8	8497.000	36.55	1.28	37.83	54.00	-16.17	AVG	P
9	11540.000	46.15	6.07	52.22	68.20	-15.98	peak	P
10	11540.000	35.69	6.07	41.76	54.00	-12.24	AVG	P
11	14447.000	42.98	9.55	52.53	68.20	-15.67	peak	P
12	14447.000	32.28	9.55	41.83	54.00	-12.17	AVG	P



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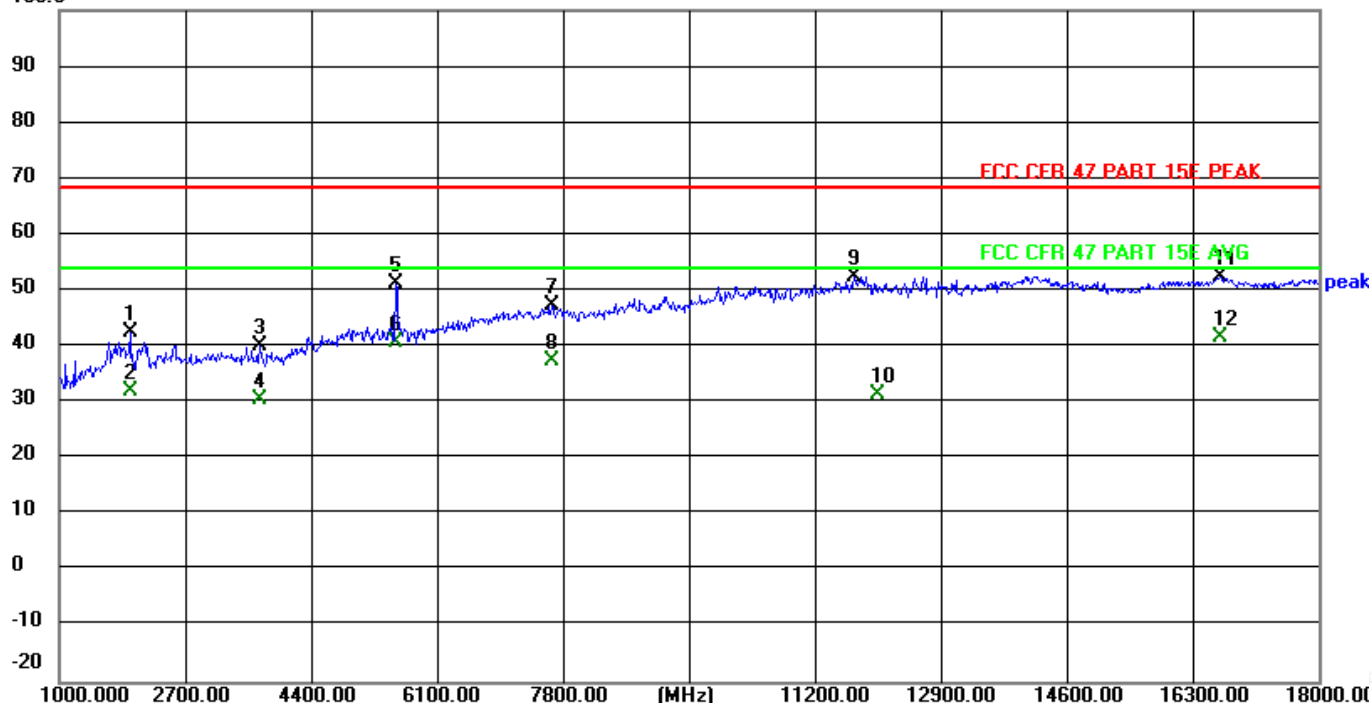
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5550MHz/110

Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	55.84	-13.36	42.48	68.20	-25.72	peak	P
2	1952.000	45.46	-13.36	32.10	54.00	-21.90	AVG	P
3	3703.000	49.27	-9.06	40.21	68.20	-27.99	peak	P
4	3703.000	39.68	-9.06	30.62	54.00	-23.38	AVG	P
5	5539.000	54.57	-3.25	51.32	68.20	-16.88	peak	P
6	5539.000	43.92	-3.25	40.67	54.00	-13.33	AVG	P
7	7647.000	46.68	0.65	47.33	68.20	-20.87	peak	P
8	7647.000	36.85	0.65	37.50	54.00	-16.50	AVG	P
9	11727.000	46.16	6.33	52.49	68.20	-15.71	peak	P
10	12050.000	24.73	6.65	31.38	54.00	-22.62	AVG	P
11	16674.000	42.43	10.02	52.45	68.20	-15.75	peak	P
12	16674.000	31.50	10.02	41.52	54.00	-12.48	AVG	P



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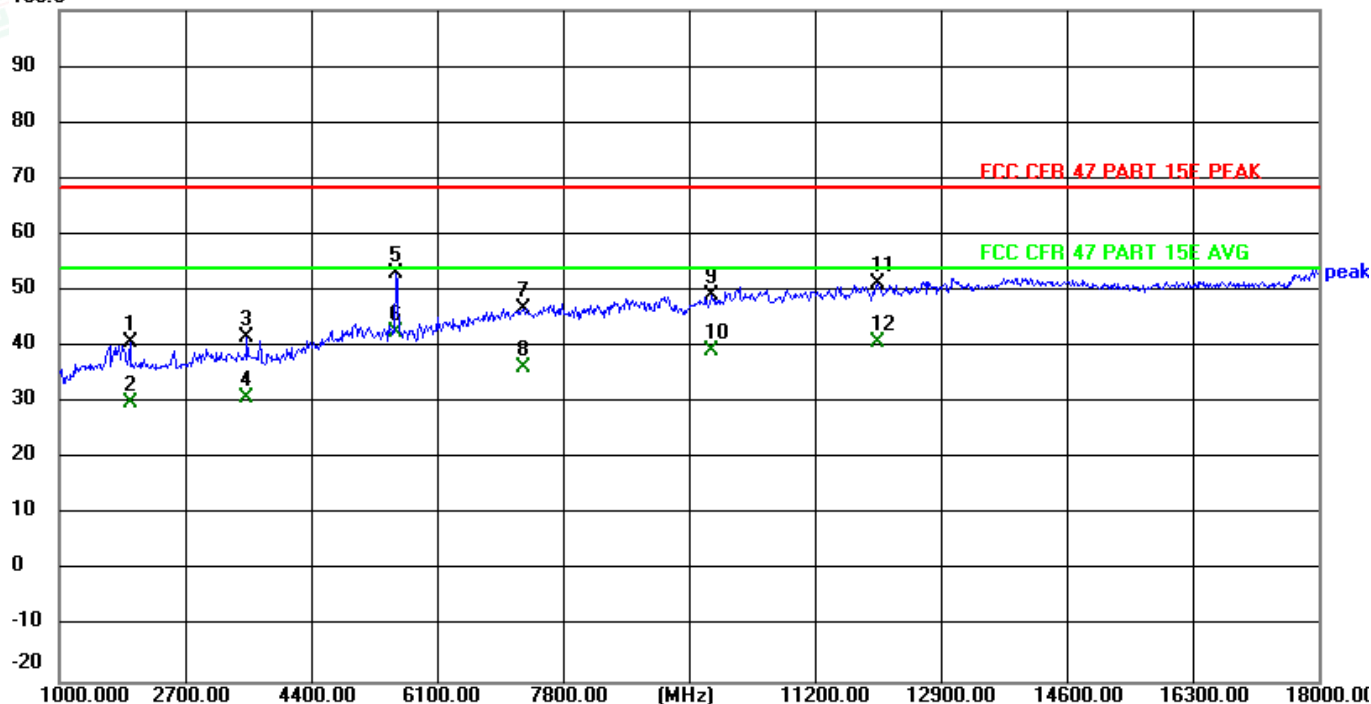
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	54.15	-13.36	40.79	68.20	-27.41	peak	P
2	1952.000	43.19	-13.36	29.83	54.00	-24.17	AVG	P
3	3533.000	50.95	-9.36	41.59	68.20	-26.61	peak	P
4	3533.000	40.20	-9.36	30.84	54.00	-23.16	AVG	P
5	5539.000	56.30	-3.25	53.05	68.20	-15.15	peak	P
6	5539.000	45.92	-3.25	42.67	54.00	-11.33	AVG	P
7	7256.000	46.64	0.23	46.87	68.20	-21.33	peak	P
8	7256.000	36.07	0.23	36.30	54.00	-17.70	AVG	P
9	9806.000	46.06	3.22	49.28	68.20	-18.92	peak	P
10	9806.000	36.08	3.22	39.30	54.00	-14.70	AVG	P
11	12050.000	44.50	6.65	51.15	68.20	-17.05	peak	P
12	12050.000	34.08	6.65	40.73	54.00	-13.27	AVG	P



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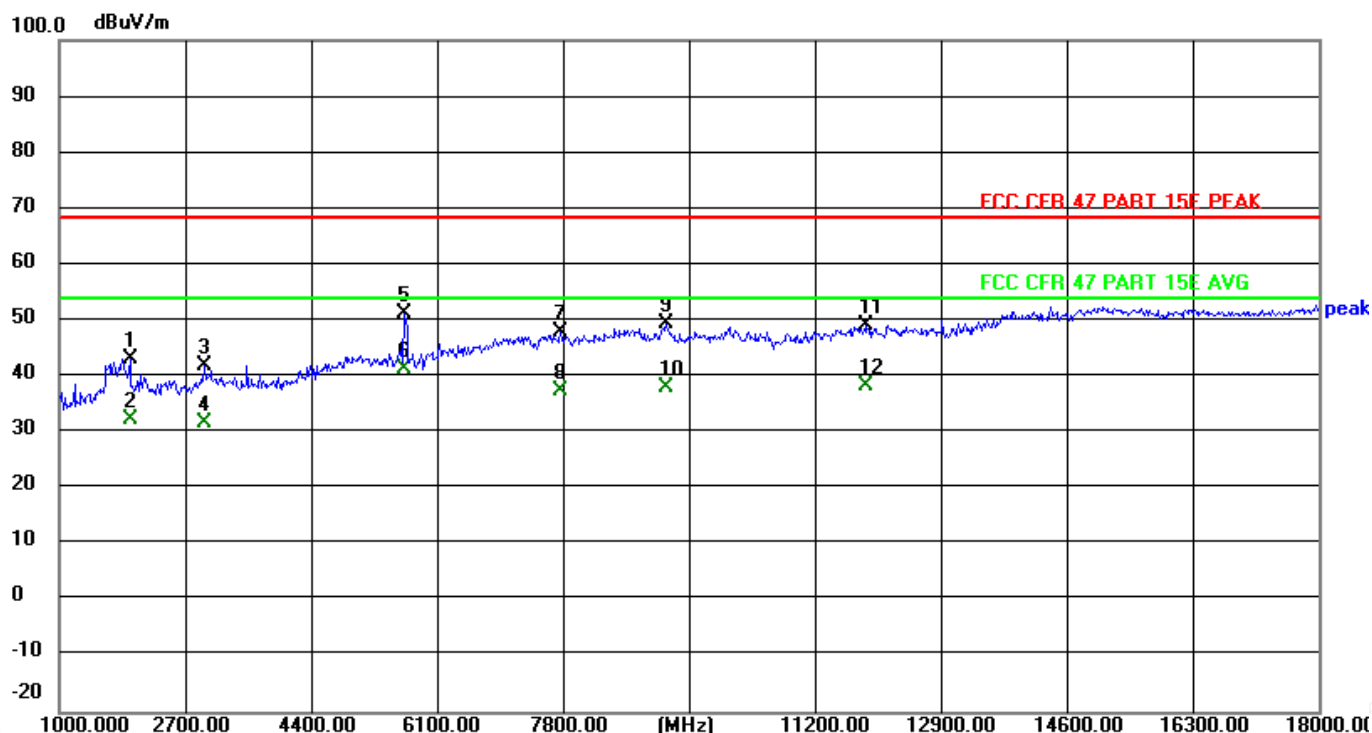
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Worst Case Mode: 802.11ax MIMO(242 Tones)
RU Index: 61
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5670MHz/134

Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1952.000	56.48	-13.36	43.12	68.20	-25.08	peak	P
2	1952.000	45.73	-13.36	32.37	54.00	-21.63	AVG	P
3	2955.000	51.84	-9.75	42.09	68.20	-26.11	peak	P
4	2955.000	41.64	-9.75	31.89	54.00	-22.11	AVG	P
5	5658.000	54.74	-3.35	51.39	68.20	-16.81	peak	P
6	5658.000	44.62	-3.35	41.27	54.00	-12.73	AVG	P
7	7766.000	47.20	0.65	47.85	68.20	-20.35	peak	P
8	7766.000	36.93	0.65	37.58	54.00	-16.42	AVG	P
9	9194.000	47.13	2.22	49.35	68.20	-18.85	peak	P
10	9194.000	35.95	2.22	38.17	54.00	-15.83	AVG	P
11	11880.000	42.74	6.53	49.27	68.20	-18.93	peak	P
12	11880.000	31.73	6.53	38.26	54.00	-15.74	AVG	P



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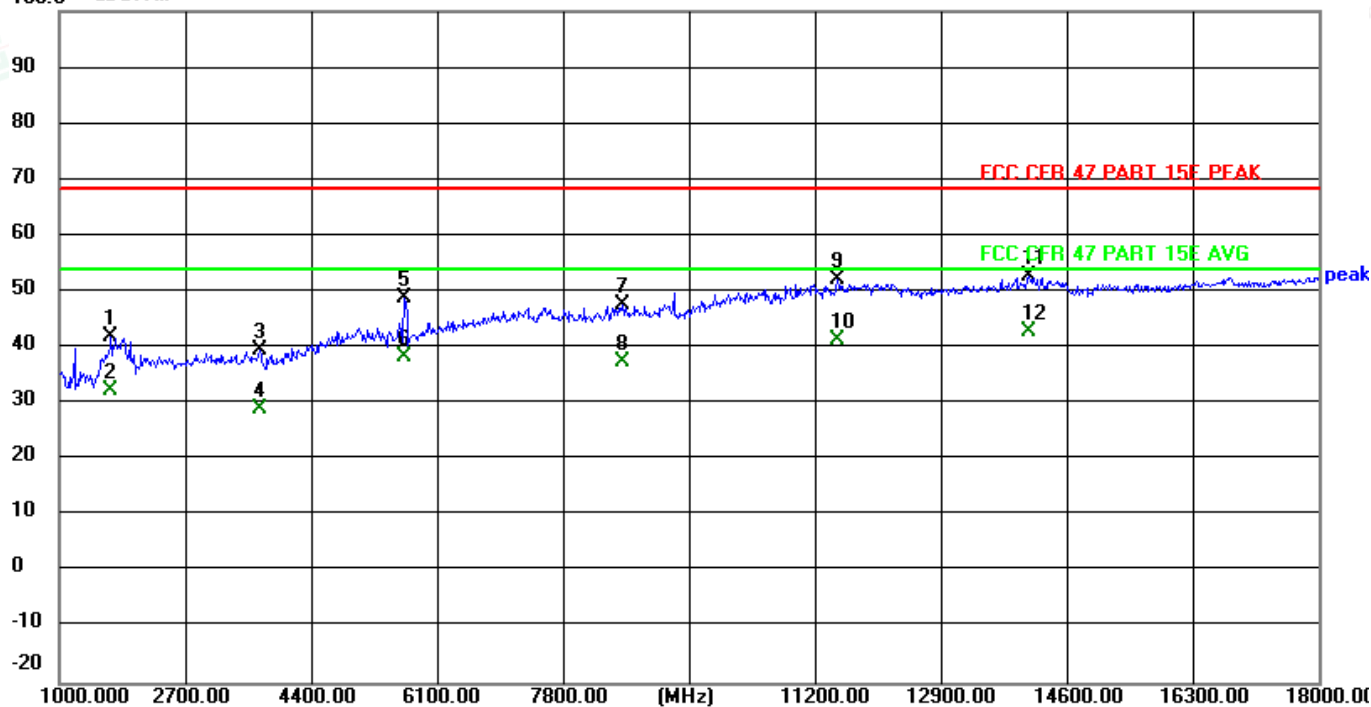
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Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1697.000	56.44	-14.39	42.05	68.20	-26.15	peak	P
2	1697.000	46.89	-14.39	32.50	54.00	-21.50	AVG	P
3	3703.000	48.65	-9.06	39.59	68.20	-28.61	peak	P
4	3703.000	38.03	-9.06	28.97	54.00	-25.03	AVG	P
5	5658.000	52.28	-3.35	48.93	68.20	-19.27	peak	P
6	5658.000	41.61	-3.35	38.26	54.00	-15.74	AVG	P
7	8599.000	46.23	1.41	47.64	68.20	-20.56	peak	P
8	8599.000	36.02	1.41	37.43	54.00	-16.57	AVG	P
9	11506.000	46.26	6.02	52.28	68.20	-15.92	peak	P
10	11506.000	35.31	6.02	41.33	54.00	-12.67	AVG	P
11	14090.000	43.47	9.25	52.72	68.20	-15.48	peak	P
12	14090.000	33.55	9.25	42.80	54.00	-11.20	AVG	P



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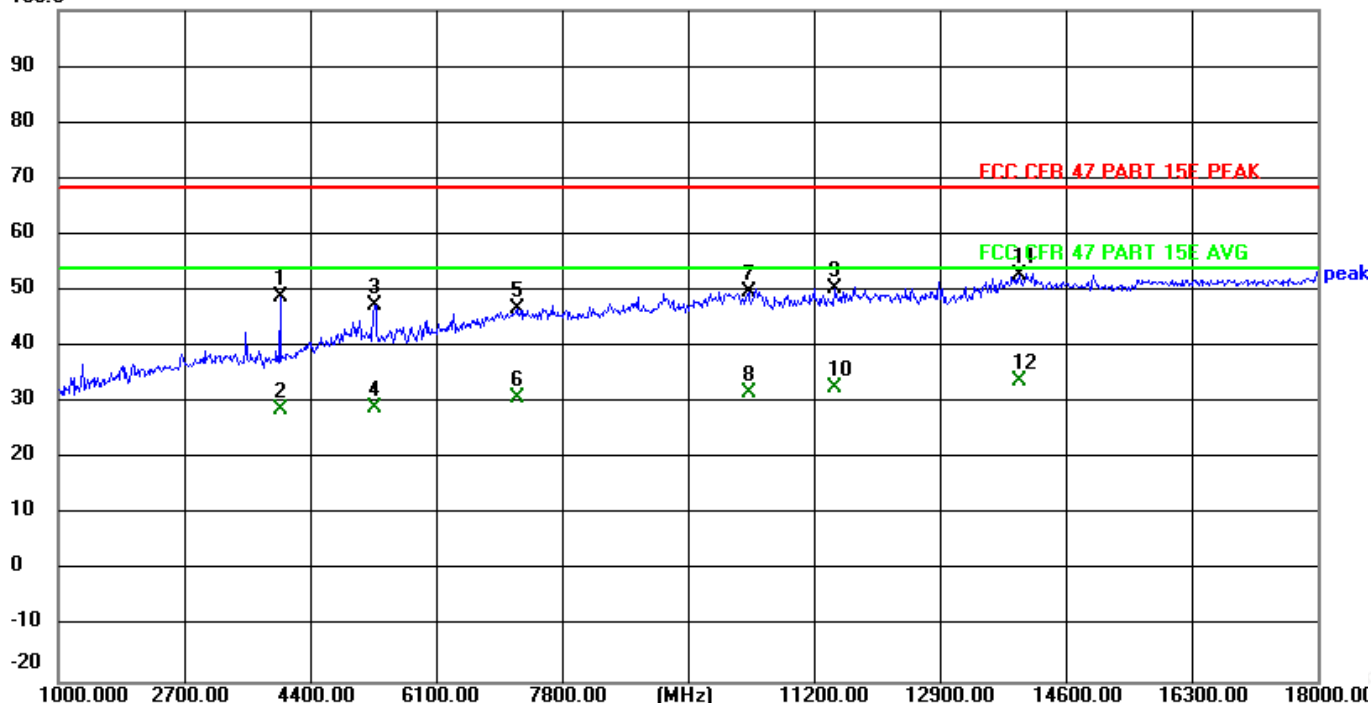
Scan code to check authenticity



Worst Case Mode: 802.11ax MIMO(484 Tones)
RU Index: 65
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5270MHz/54

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	3992.000	57.54	-8.55	48.99	68.20	-19.21	peak	P
2	3992.000	37.18	-8.55	28.63	54.00	-25.37	AVG	P
3	5267.000	51.00	-3.64	47.36	68.20	-20.84	peak	P
4	5267.000	32.84	-3.64	29.20	54.00	-24.80	AVG	P
5	7188.000	46.69	0.12	46.81	68.20	-21.39	peak	P
6	7188.000	30.71	0.12	30.83	54.00	-23.17	AVG	P
7	10316.000	45.58	4.12	49.70	68.20	-18.50	peak	P
8	10316.000	27.52	4.12	31.64	54.00	-22.36	AVG	P
9	11489.000	44.20	6.00	50.20	68.20	-18.00	peak	P
10	11489.000	26.54	6.00	32.54	54.00	-21.46	AVG	P
11	13971.000	43.62	9.10	52.72	68.20	-15.48	peak	P
12	13971.000	24.80	9.10	33.90	54.00	-20.10	AVG	P



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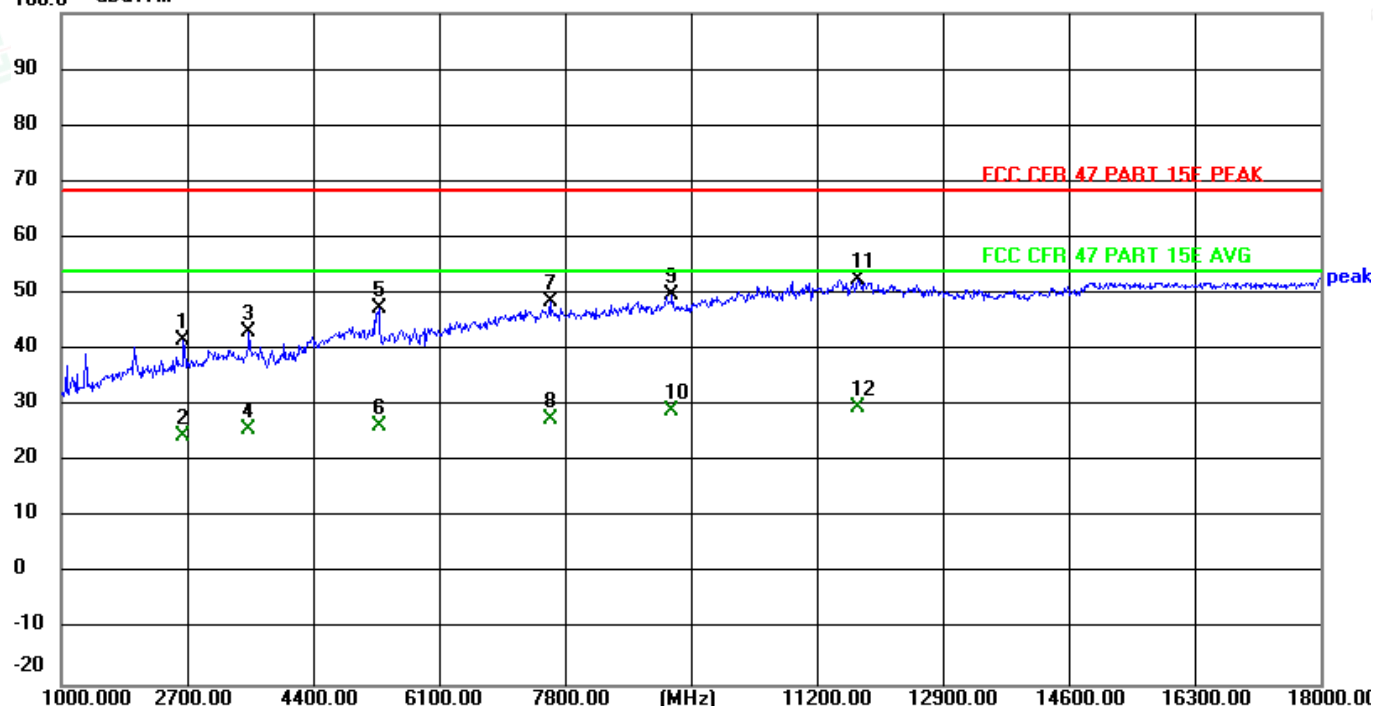
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2649.000	52.52	-10.82	41.70	68.20	-26.50	peak	P
2	2649.000	35.32	-10.82	24.50	54.00	-29.50	AVG	P
3	3533.000	52.52	-9.36	43.16	68.20	-25.04	peak	P
4	3533.000	34.99	-9.36	25.63	54.00	-28.37	AVG	P
5	5284.000	50.84	-3.60	47.24	68.20	-20.96	peak	P
6	5284.000	29.90	-3.60	26.30	54.00	-27.70	AVG	P
7	7596.000	47.96	0.69	48.65	68.20	-19.55	peak	P
8	7596.000	26.84	0.69	27.53	54.00	-26.47	AVG	P
9	9245.000	47.59	2.30	49.89	68.20	-18.31	peak	P
10	9245.000	26.62	2.30	28.92	54.00	-25.08	AVG	P
11	11744.000	46.21	6.34	52.55	68.20	-15.65	peak	P
12	11744.000	23.31	6.34	29.65	54.00	-24.35	AVG	P



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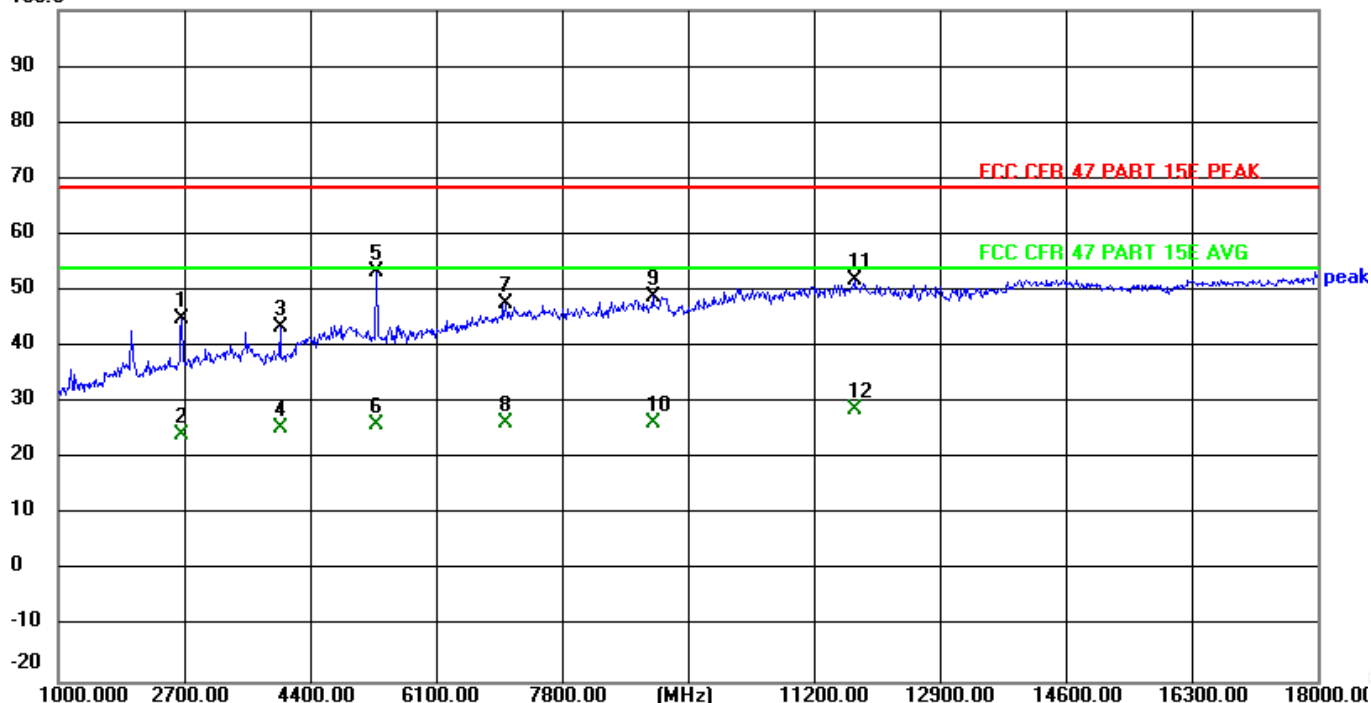
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Worst Case Mode: 802.11ax MIMO(484 Tones)
RU Index: 65
Worst Case Transfer Rate: MCS0
Operating Frequency/Channel: 5310MHz/62

Vertical

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	2666.000	55.57	-10.76	44.81	68.20	-23.39	peak	P
2	2666.000	34.92	-10.76	24.16	54.00	-29.84	AVG	P
3	3992.000	51.87	-8.55	43.32	68.20	-24.88	peak	P
4	3992.000	33.88	-8.55	25.33	54.00	-28.67	AVG	P
5	5301.000	57.00	-3.57	53.43	68.20	-14.77	peak	P
6	5301.000	29.48	-3.57	25.91	54.00	-28.09	AVG	P
7	7035.000	47.76	-0.14	47.62	68.20	-20.58	peak	P
8	7035.000	26.48	-0.14	26.34	54.00	-27.66	AVG	P
9	9024.000	47.06	1.94	49.00	68.20	-19.20	peak	P
10	9024.000	24.56	1.94	26.50	54.00	-27.50	AVG	P
11	11744.000	45.41	6.34	51.75	68.20	-16.45	peak	P
12	11744.000	22.33	6.34	28.67	54.00	-25.33	AVG	P



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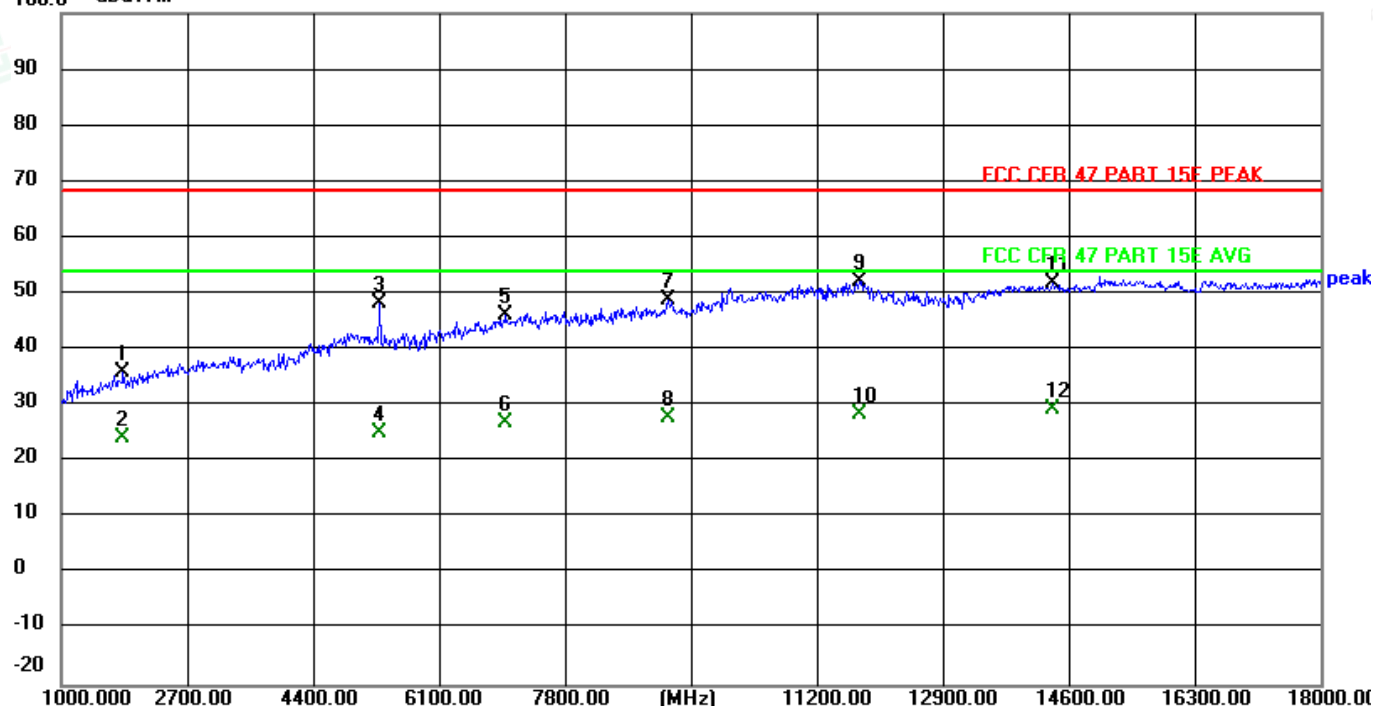
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Horizontal

100.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F
1	1833.000	49.93	-13.99	35.94	68.20	-32.26	peak	P
2	1833.000	38.31	-13.99	24.32	54.00	-29.68	AVG	P
3	5301.000	51.84	-3.57	48.27	68.20	-19.93	peak	P
4	5301.000	28.77	-3.57	25.20	54.00	-28.80	AVG	P
5	7001.000	46.25	-0.20	46.05	68.20	-22.15	peak	P
6	7001.000	27.03	-0.20	26.83	54.00	-27.17	AVG	P
7	9194.000	46.66	2.22	48.88	68.20	-19.32	peak	P
8	9194.000	25.72	2.22	27.94	54.00	-26.06	AVG	P
9	11778.000	45.89	6.39	52.28	68.20	-15.92	peak	P
10	11778.000	21.94	6.39	28.33	54.00	-25.67	AVG	P
11	14379.000	42.31	9.49	51.80	68.20	-16.40	peak	P
12	14379.000	19.89	9.49	29.38	54.00	-24.62	AVG	P



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