



FCC - TEST REPORT

Report Number : **709502605434-00C** Date of Issue: August 20, 2026

Model : **C11-F-K(L)**

Product Type : **IMOU Smart Lock**

FCC ID : **2BQWU-CUBO2-A1**

Applicant : **Hangzhou Huacheng Software Technology Co., Ltd.**

Address : **15th Floor, Building 3, No. 582, Liye Road, Changhe Street, Binjiang District, Hangzhou, China**

Manufacturer : **Hangzhou Huacheng Software Technology Co., Ltd.**

Address : **15th Floor, Building 3, No. 582, Liye Road, Changhe Street, Binjiang District, Hangzhou, China**

Test Result : ☒ **Positive** ☐ **Negative**

Total pages including
Appendices

71



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2 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
709502605434-00C	First Issue	08/20/2025

3 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Products Testing (Shanghai) Co., Ltd.
No.16 Lane, 1951 Du Hui Road,
Shanghai 201108,
P.R. China

Telephone: +86 21 6037 6300

FCC Registration No.: 820234

FCC Designation Number: CN1183

ISED CAB identifier: CN0101

IC Registration No.: 31668

4 Description of the Equipment under Test

Product:	IMOU Smart Lock
Model no.:	C11-F-K(L)
FCC ID:	2BQWU-CUBO2-A1
Options and accessories:	NA
Rating:	DC 6V from Battery DC 5V from Type-C Port (by Power Bank) (Testing)
RF Transmission Frequency:	For BLE: 2402~2480 MHz For 2.4G Wi-Fi: 802.11b/g/n-HT20/ax-HE20: 2412~2462 MHz For 5G Wi-Fi: 802.11a/n-HT20/ax-HE20/ac-VHT20: 5180~5240 MHz (U-NII-1) 802.11a/n-HT20/ax-HE20/ac-VHT20: 5745~5825 MHz (U-NII-3)
No. of Operated Channel:	For BLE: 40 For 2.4G Wi-Fi: 11 for 802.11b/802.11g/802.11n(HT20)/802.11ax(HE20) For 5G Wi-Fi: U-NII-1: 4 for 802.11a/n-HT20/ax-HE20/ac-VHT20 U-NII-3: 5 for 802.11a/n-HT20/ax-HE20/ac-VHT20
Modulation:	For BLE: GFSK For 2.4G Wi-Fi: Direct Sequence Spread Spectrum (DSSS) for 802.11b Orthogonal Frequency Division Multiplexing (OFDM) for 802.11g/n Orthogonal Frequency-Division Multiple Access (OFDMA) for 802.11ax For 5G Wi-Fi: Orthogonal Frequency Division Multiplexing (OFDM) for 802.11a/n/ac Orthogonal Frequency-Division Multiple Access (OFDMA) for 802.11ax
Hardware Version:	Main PCB: V2.00 117_103 Radio module: V2.02 117_147

Software Version: V1.000.0000000.0.R

Data speed: For BLE: 1Mbps, 2Mbps

For Wi-Fi:

11b 1-11Mbps

11g 6-54Mbps

11n(HT20) 6.5-72.2Mbps

11ac(VHT20) 6.5 ~ 86.7Mbps

11ax(HE20) 7.313 ~ 143.382Mbps

Channel list:

For BLE:

Ch	Fre(MHz)	Ch	Fre(MHz)	Ch	Fre(MHz)	Ch	Fre(MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

For 2.4G Wi-Fi:

802.11b/g/n(HT20)/ax(HT20)			
Ch	Fre(MHz)	Ch	Fre(MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437		

For 5G Wi-Fi:

Band (GHz)	Operating Channel Number	Channel center frequencies for 20MHz bandwidth (MHz)
5.15GHz~5.25GHz	36	5180
	40	5200
	44	5220
	48	5240
5.725GHz~5.825GHz	149	5745
	153	5765



	157	5785
	161	5805
	165	5825

Antenna Type: FPC antenna

Antenna Gain: For BLE: 1.4 dBi
For 2.4G Wi-Fi: 1.4 dBi
For 5G Wi-Fi: 2.4 dBi

Description of the EUT: The Equipment Under Test (EUT) is a IMOU Smart Lock with BLE & WIFI Module. The EUT support Wi-Fi operated at 2.4GHz and 5GHz.

Test sample no.: SHA-1046750-2 (Radiated sample)
SHA-1046750-3 (Conducted sample)

The sample's mentioned in this report is/are submitted/ supplied/ manufactured by client. The laboratory therefore assumes no responsibility for accuracy of information on the brand name, model number, origin of manufacture, consignment, antenna gain or any information supplied.



5 Summary of Test Standards

Test Standards	
FCC Part 15 Subpart E, October 1, 2024 Edition	PART 15 - RADIO FREQUENCY DEVICES Subpart E - Unlicensed National Information Infrastructure Devices

Test Method:
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2020, American National Standard for Testing Unlicensed Wireless Devices

6 Summary of Test Results

Technical Requirements					
FCC Part 15 Subpart C & E					
Test Condition		Test Site	Test Result		
			Pass	Fail	N/A
§15.207	Conducted emission AC power port	Site 1	☒	☐	☐
§15.407(e)	Emission bandwidth	Site 1	☒	☐	☐
15.407(a)(i)	Maximum Conducted Output Power	Site 1	☒	☐	☐
15.407(a)(i)	Maximum Power Spectral Density	Site 1	☒	☐	☐
§15.407(g)	Frequencies Stability	Site 1	☒	☐	☐
§15.407(b)(1), 15.407(b)(2), 15.407(b)(3), 15.407(b)(4), 15.407(b)(5), 15.407(b)(6), 15.407(b)(7), 15.209	Spurious radiated emissions for transmitter	Site 1	☒	☐	☐
§15.203	Antenna requirement	See note 1	☒	☐	☐

Remark 1: N/A – Not Applicable.

Remark 2: The EUT only operation at BLE, 2.4G Wi-Fi and 5G Wi-Fi U-NII-1 & U-NII-3 (5180MHz-5240MHz, 5745MHz-5825MHz).

Note 1: The EUT uses a FPC Internal Antenna, which 2.4G gain is 1.4 dBi and 5G gain is 2.4 dBi. In accordance to §15.203, It is considered sufficiently to comply with the provisions of this section.

15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(c) (1)(i) requirement: (i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.



7 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: 2BQWU-CUBO2-A1 complies with Section 15.207, 15.209, 15.407 of the FCC Part 15, Subpart E Rules.

This report is only for 5GHz Wi-Fi.

The TX and RX range is 5180MHz-5240MHz, 5745MHz-5825MHz,

We tested it and listed the worst data in this report.

SUMMARY:

All tests according to the regulations cited on page 7 were

■ - Performed

□ - **Not** Performed

The Equipment under Test

■ - **Fulfills** the general approval requirements.

□ - **Does not** fulfill the general approval requirements.

Sample Received Date: June 23, 2026

Testing Start Date: June 26, 2026

Testing End Date: July 15, 2026

- TÜV SÜD Products Testing (Shanghai) Co., Ltd.

Reviewed by:

Hui TONG
Review Engineer

Prepared by:



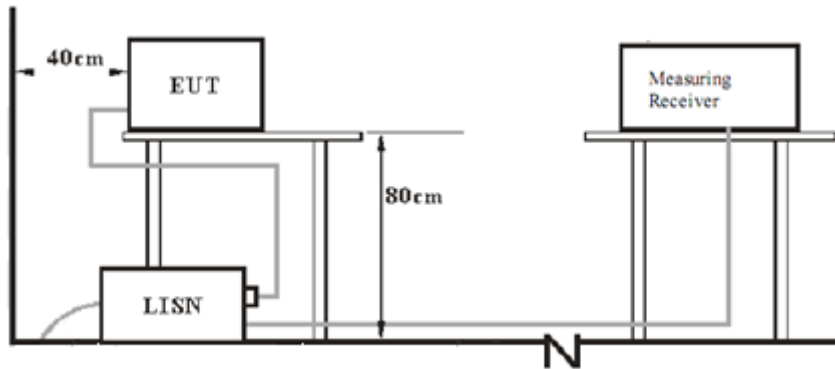
Wenqiang LU
Project Engineer

Tested by:

Doujun XU
Test Engineer

8 Test Setups

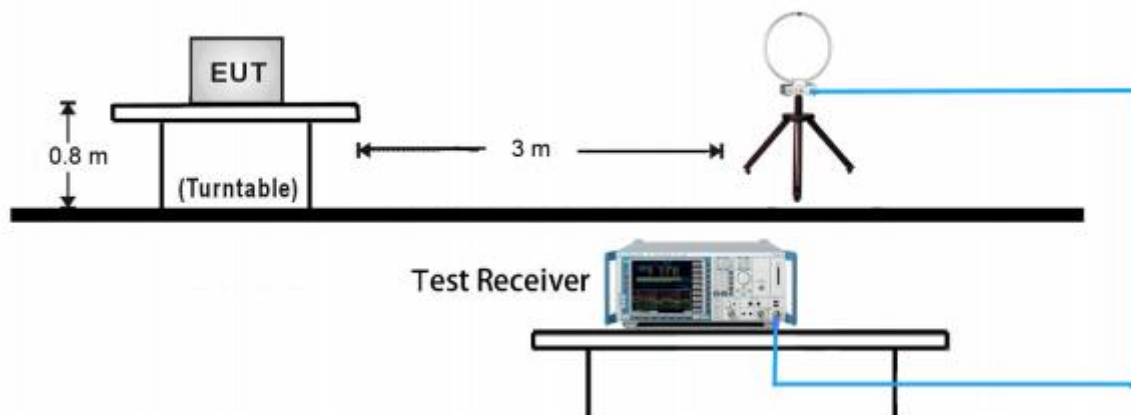
8.1 AC Power Line Conducted Emission test setups



Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

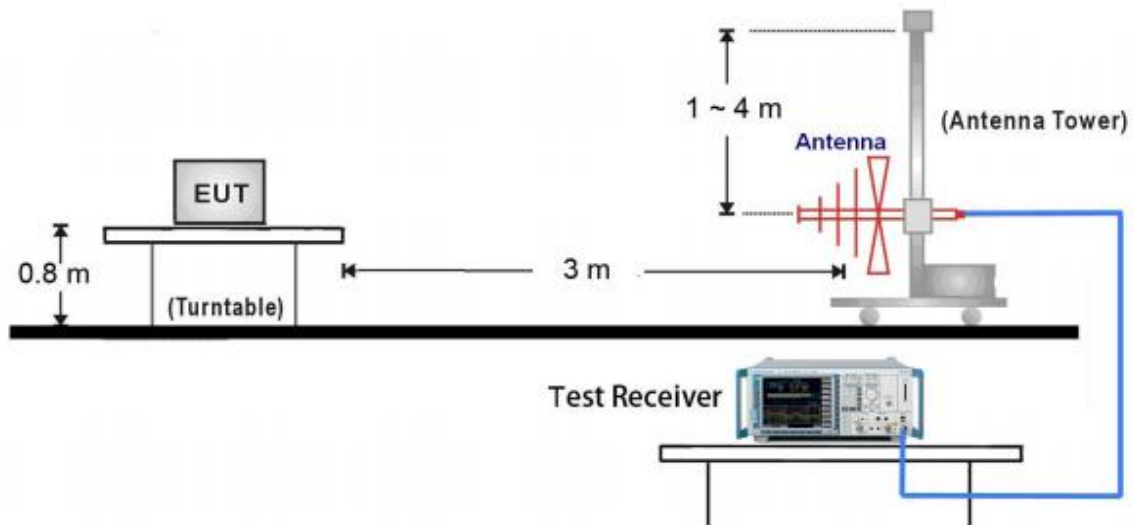
8.2 Radiated test setups

9kHz ~ 30MHz Test Setup:



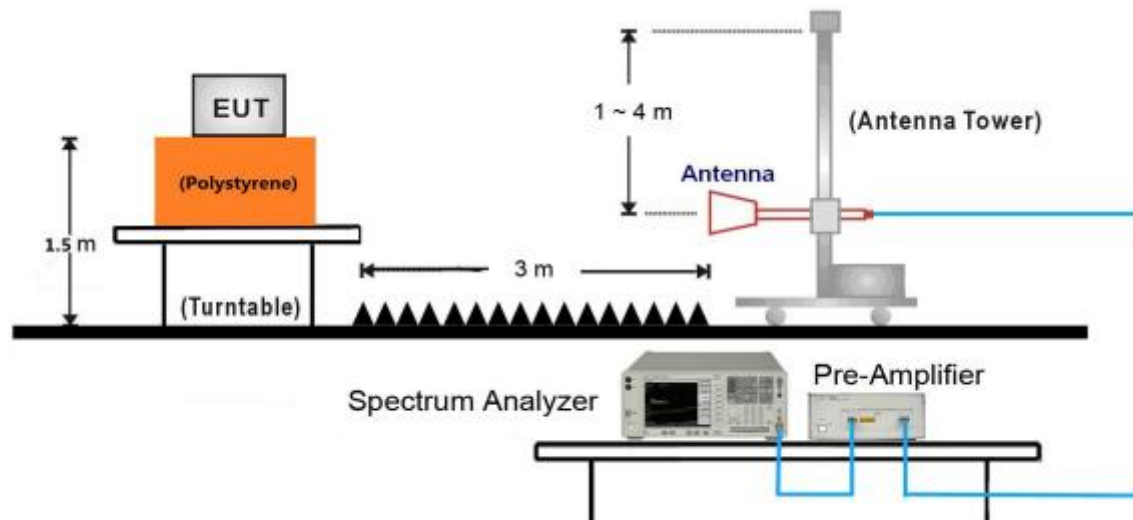
Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

30MHz ~ 1GHz Test Setup:

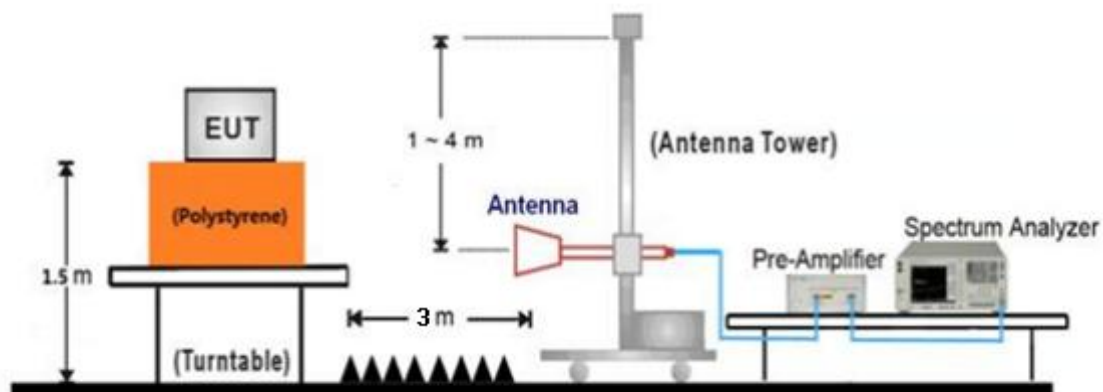


Note: for floor-standing equipment, the supporting table (80 cm) shall be replaced by a insulating material (up to 12 mm thick).

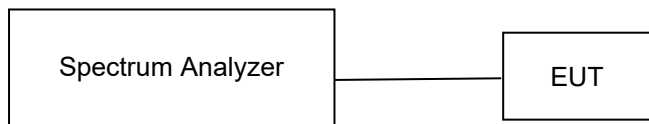
1GHz ~ 18GHz Test Setup:



18GHz ~ 40GHz Test Setup:



8.3 Conducted RF test setups



9 Systems test configuration

Auxiliary Equipment Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.(SHIELD)	S/N(LENGTH)
Notebook	Lenove	E470	PF-OU5TS7 17/09

Test software: SecureCRT.exe, which used to control the EUT in continues transmitting mode.

The system was configured to channel:

Test Mode	Channel (MHz)		
802.11a, 802.11n HT20 802.11ac VHT20 802.11ax HE20	5G WIFI-Band 1		
	CH36 (5180MHz)	CH40 (5200MHz)	CH48 (5240MHz)
	5G WIFI-Band 3		
	CH149 (5745MHz),	CH157 (5785MHz)	CH165 (5825MHz)

The pre-test has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

	Modulation Type	Data Rate	Index Value (Power level setting)
Band 1	802.11a OFDM	6Mbps	14
	802.11n (HT20): OFDM	MCS0 (6.5Mbps)	13
	802.11ac (VHT20): OFDM	11ac 6.5Mbps	13
	802.11ax (HE20): OFDMA	11ax 7.313Mbps	13
	Modulation Type	Data Rate	Index Value (Power level setting)
Band 3	802.11a OFDM	6Mbps	16
	802.11n (HT20): OFDM	MCS0 (6.5Mbps)	16
	802.11ac (VHT20): OFDM	11ac 6.5Mbps	16
	802.11ax (HE20): OFDMA	11ax 7.313Mbps	16

10 Technical Requirement

10.1 Emission bandwidth

1、 Test Method of 26dB Bandwidth

According to KDB789033 D02

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

Limit: No limit

2、 Test Method of 6dB Bandwidth

According to KDB789033 D02

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

Limit: $\geq 500\text{KHz}$

3、 Test Method of 99% Bandwidth

According to KDB789033 D02

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



Limit: No limit

26dB Bandwidth Test Result:

Test data should be referred to Appendix A for 709502605434-00C.

6dB Bandwidth Test Result:

Test data should be referred to Appendix A for 709502605434-00C.

99% Bandwidth Test Result

Test data should be referred to Appendix A for 709502605434-00C.

10.2 Maximum conducted output power

Test Method

According to C63.10, the EUT was placed on 0.8m height table, the RF output of EUT was connected to the Spectrum Analyzer by RF cable. The path loss was compensated to the results for each measurement.

1. Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
The EUT is configured to transmit continuously or to transmit with a consistent 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.
2. If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal as described in 12.2 in C63.10-2020.
3. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
4. 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%).

Limits:

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

Maximum conducted output power Test Result:

Test data should be referred to Appendix A for 709502605434-00C.

10.3 Maximum power spectral density

Test Method

Test Method (Method SA-2 in C63.10-2020)

The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement. (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

1. Measure the duty cycle.
2. Set span to encompass the entire emission bandwidth (EBW) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW $\geq$ 3 MHz.
5. Number of points in sweep $\geq$ 2 Span / RBW.
6. Sweep time = auto.
7. Detector = RMS
8. Trace average at least 100 traces in power averaging mode.
9. 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. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

Limit:

The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz, 5.25-5.35GHz, 5.47-5.725 GHz Band in any 1 megahertz band.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

Test Result:

Test data should be referred to Appendix A for 709502605434-00C.



10.4 Frequencies Stability

Test Method

1. The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement. The EUT was placed inside the environmental test chamber.
2. Set center frequency of the channel under test.
3. Test the OBW and record the frequency of the left and right frequency point.
4. Repeat the test at temperature specified by manufacture as below by not more than 10 °C step by normal voltage.
5. Repeat the test at 85% and 115% of the nominal supply voltage as below under normal temperature (+15 °C to +25 °C).

User manual temperature is -10°C to +55°C, normal Temperature is +20°C.

Limit:

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

Test Results (All conditions and all modes were performed, only list Worst-Case in the report)

Remark: NV is normal Voltage: 6Vdc, HV is High Voltage: 6.5Vdc, LV is Low Voltage: 4.5Vdc, NT is normal Temperature: +20°C.

Test Result:

Test data should be referred to Appendix A for 709502605434-00C.

10.5 Spurious radiated emissions for transmitter

Transmitting spurious emission test result as below:

Test Method:

Radiated Mode:

1. The EUT was placed on a turn table which is 1.5m above ground plane for above 1GHz and 0.8m above ground for below 1GHz at 3meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference – receiving antenna, which was mounted on the top of a variable – height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned
5. Use the following spectrum analyzer settings According to C63.10:
 - 1) Procedure for Unwanted Emissions Measurements Below 1000 MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - 2) For Above 1GHz:

Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - 3) Procedures for Average Unwanted Emissions Measurements above 1000 MHz
 - a) RBW = 1 MHz.
 - b) VBW $\geq$ [3 $\times$ RBW].
 - c) Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq \text{RBW} / 2$. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.
 - d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set for linear voltage averaging. Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.)
 - e) Sweep time = auto.
 - f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of 1 / D, where D is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)

g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:

(1) If power averaging (rms) mode was used in the preceding step e), then the correction factor is $[10 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.

(2) If linear voltage averaging mode was used in the preceding step e), then the correction factor is $[20 \log (1 / D)]$, where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB shall be added to the measured emission levels. If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

Limit

The radio emission outside the operating frequency band shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power. Radiated emissions which fall in the restricted bands, as defined in section 15.205, must comply with the radiated emission limits specified in section 15.209.

Frequency MHz	Field Strength uV/m	Field Strength dBμV/m	Detector
30-88	100	40	QP
88-216	150	43.5	QP
216-960	200	46	QP
960-1000	500	54	QP
Above 1000	500	54	AV
Above 1000	5000	74	PK

According to part 15.407b (1) (2) (3) (4)

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.

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

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

According to part 15.407b (9), Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

According to part 15.407b (10), The provisions of §15.205 apply to intentional radiators operating under this section.



Note: According to C63.10, the Conversion Factors between E[dB μ V/m] and EIRP[dBm] as below: $E[dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

The only worse case listed in the report.

Transmitting spurious emission worse case test result:

Transmitting spurious emission test result as below:

Remark:

- (1) Above 1GHz Corrector factor= Antenna Factor +Cable Loss - Amp. Factor.
- (2) Below 1GHz Corrector factor= Antenna Factor +Cable Loss.
- (3) “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.
- (4) “#” is band edge band
- (5) Testing is carried out with frequency rang 30MHz to 40GHz, which data of measurement within this frequency range shown “---” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) The Low frequency, which start from 9KHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

Test result

The worst case of Radiated Emission below 1GHz: Only the worst case listed as below.

0.009-30MHz Radiated Emission

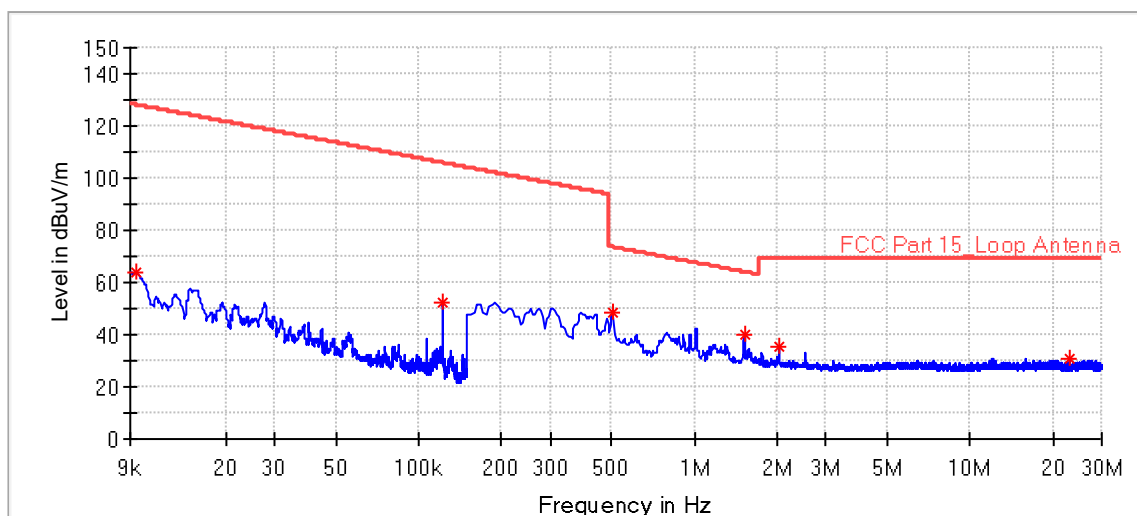
EUT Information

EUT Name: IMOU Smart Lock
 Model: C11-F-K(L)
 Client: Hangzhou Huacheng Software Technology Co., Ltd.
 Op Cond: Mode 1: Tx_5785MHz at 802.11ax HE20 (worse case)
 Operator: Doujun XU
 Test Spec: FCC Part 15.209(a)
 Sample No: SHA-1046750-2

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.009441	63.89	128.10	64.22	X	161.0	19.7
0.121976	52.69	105.88	53.19	X	0.0	18.8
0.505566	48.65	73.53	24.88	X	2.0	18.8
1.519588	39.65	63.97	24.32	X	2.0	18.9
2.024405	35.07	69.54	34.47	X	302.0	19.0
22.770154	30.90	69.54	38.64	X	37.0	19.3

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

0.009-30MHz Radiated Emission

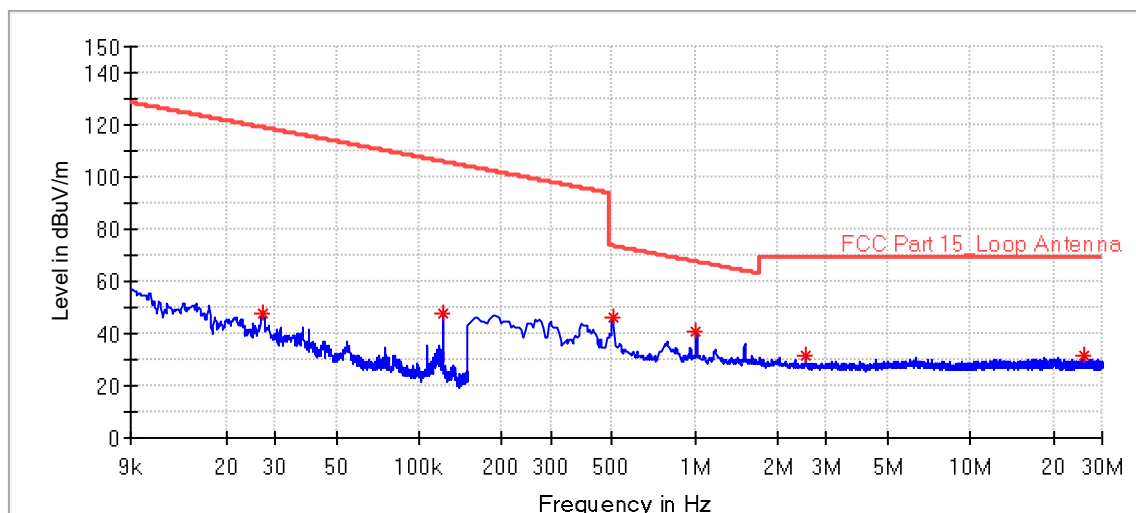
EUT Information

EUT Name: IMOU Smart Lock
 Model: C11-F-K(L)
 Client: Hangzhou Huacheng Software Technology Co., Ltd.
 Op Cond: Mode 1: Tx_5785MHz at 802.11ax HE20 (worse case)
 Operator: Doujun XU
 Test Spec: FCC Part 15.209(a)
 Sample No: SHA-1046750-2

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_Loop Antenna V
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
9 kHz - 150 kHz	88.125 Hz	PK+	200 Hz	0.01 s	0 dB
150 kHz - 30 MHz	4.39 kHz	PK+	9 kHz	0.01 s	0 dB



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol	Azimuth (deg)	Corr. (dB/m)
0.027154	47.65	118.93	71.27	Y	79.0	19.0
0.122681	47.82	105.83	58.01	Y	285.0	18.8
0.505566	45.77	73.53	27.76	Y	359.0	18.8
1.010383	40.41	67.51	27.10	Y	359.0	18.8
2.533610	31.32	69.54	38.22	Y	94.0	19.1
25.921963	31.19	69.54	38.35	Y	327.0	19.3

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

30-1000MHz Radiated Emission

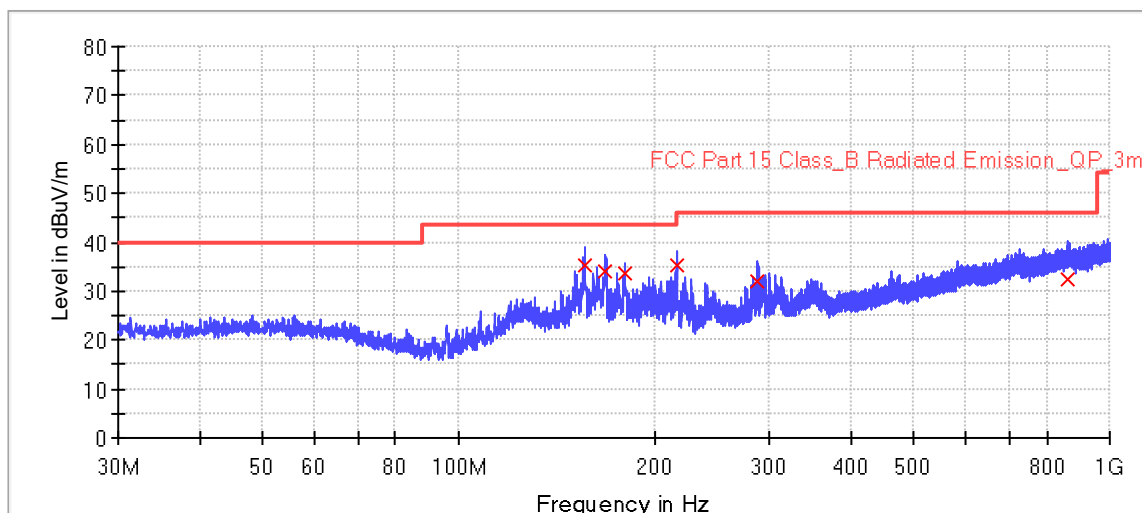
EUT Information

EUT Name: IMOU Smart Lock
 Model: C11-F-K(L)
 Client: Hangzhou Huacheng Software Technology Co., Ltd.
 Op Cond: Mode 1: Tx_5785MHz at 802.11ax HE20 (worse case)
 Operator: Doujun XU
 Test Spec: FCC Part 15.209(a)
 Sample No: SHA-1046750-2

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
156.080000	35.4	1000.0	120.000	250.0	H	124.0	20.7	8.1	43.5
168.280000	34.2	1000.0	120.000	200.0	H	256.0	20.2	9.3	43.5
179.880000	33.6	1000.0	120.000	200.0	H	123.0	19.3	9.9	43.5
216.080000	35.1	1000.0	120.000	150.0	H	201.0	17.8	10.9	46.0
287.760000	31.9	1000.0	120.000	150.0	H	154.0	21.3	14.1	46.0
864.000000	32.5	1000.0	120.000	100.0	H	325.0	33.4	13.5	46.0

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

30-1000MHz Radiated Emission

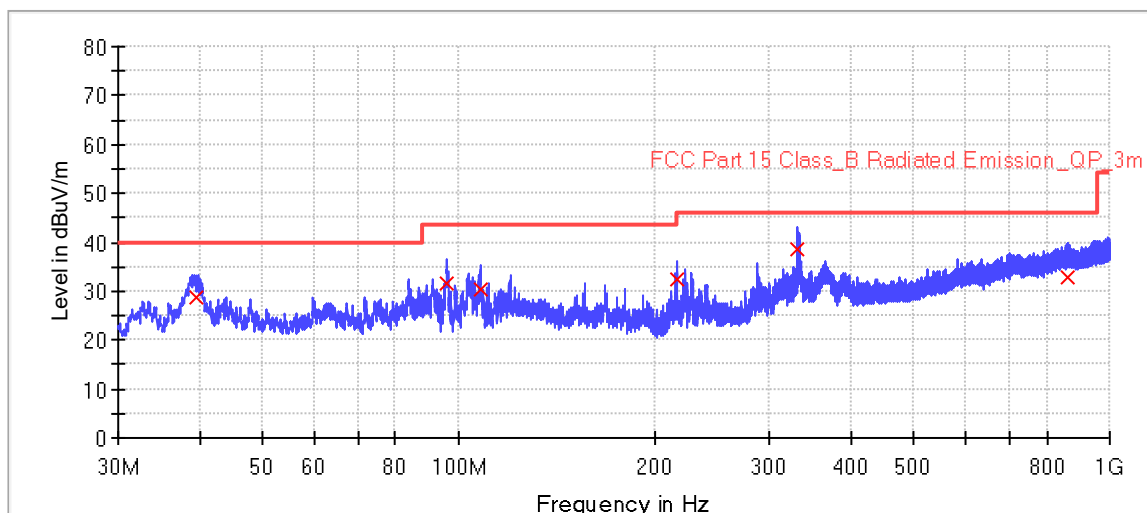
EUT Information

EUT Name: IMOU Smart Lock
 Model: C11-F-K(L)
 Client: Hangzhou Huacheng Software Technology Co., Ltd.
 Op Cond: Mode 1: Tx_5785MHz at 802.11ax HE20 (worse case)
 Operator: Doujun XU
 Test Spec: FCC Part 15.209(a)
 Sample No: SHA-1046750-2

Sweep Setup: RE_VULB9168_pre_Cont_30-1000 [EMI radiated]

Hardware Setup: RE_VULB9168
 Receiver: [ESR 3]
 Level Unit: dBuV/m

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
30 MHz - 1 GHz	48.5 kHz	PK+	120 kHz	0.2 s	20 dB



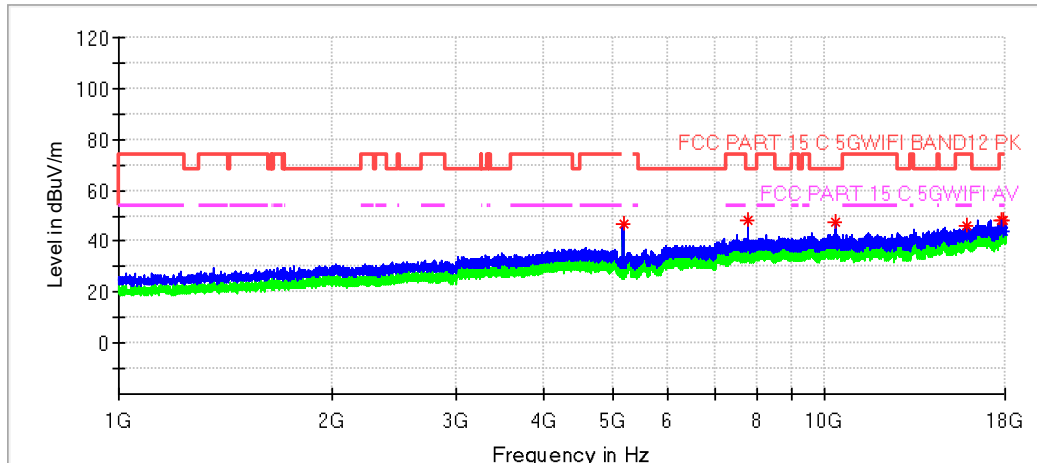
Limit and Margin

Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
39.640000	28.9	1000.0	120.000	250.0	V	119.0	19.8	11.1	40.0
96.040000	31.6	1000.0	120.000	300.0	V	215.0	15.4	11.9	43.5
107.840000	30.4	1000.0	120.000	150.0	V	231.0	17.1	13.1	43.5
216.280000	32.5	1000.0	120.000	200.0	V	102.0	17.8	13.5	46.0
331.880000	38.6	1000.0	120.000	150.0	V	241.0	22.7	7.4	46.0
861.920000	32.8	1000.0	120.000	300.0	V	189.0	33.5	13.2	46.0

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)
 Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

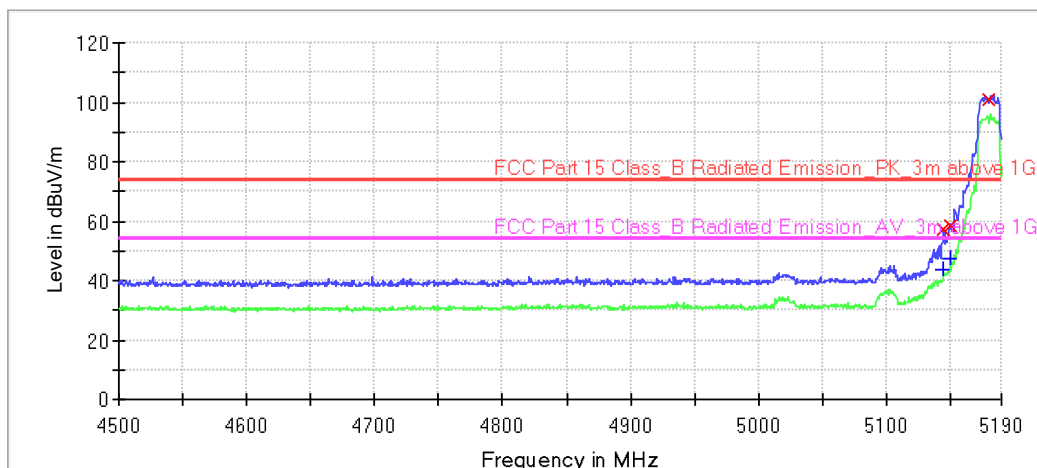
Radiated Emission 1-18GHz

Frequency: 802.11a 5180MHz



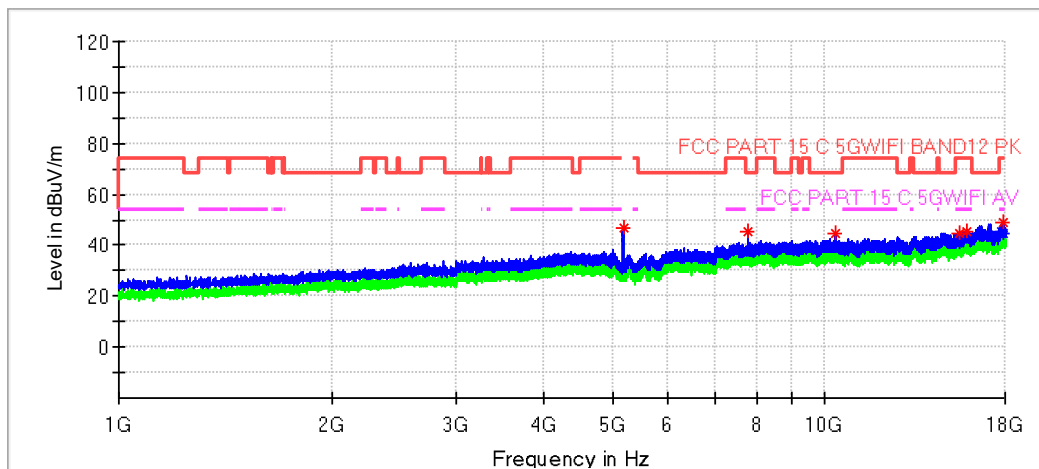
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	46.67	---	---	---	150.0	H	150.0	-3.6
7770.250000	48.47	---	68.20	19.73	300.0	H	155.0	-0.1
10360.625000	47.29	---	68.20	20.91	250.0	H	4.0	1.9
15878.718750	46.13	---	74.00	27.87	150.0	H	160.0	8.2
15901.031250	---	42.77	54.00	11.23	150.0	H	343.0	8.2
17744.468750	48.32	---	74.00	25.68	200.0	H	42.0	11.4
17791.218750	---	45.11	54.00	8.89	200.0	H	262.0	11.5
17869.312500	48.33	---	74.00	25.67	100.0	H	192.0	11.7
17905.968750	---	43.91	54.00	10.09	150.0	H	59.0	11.8



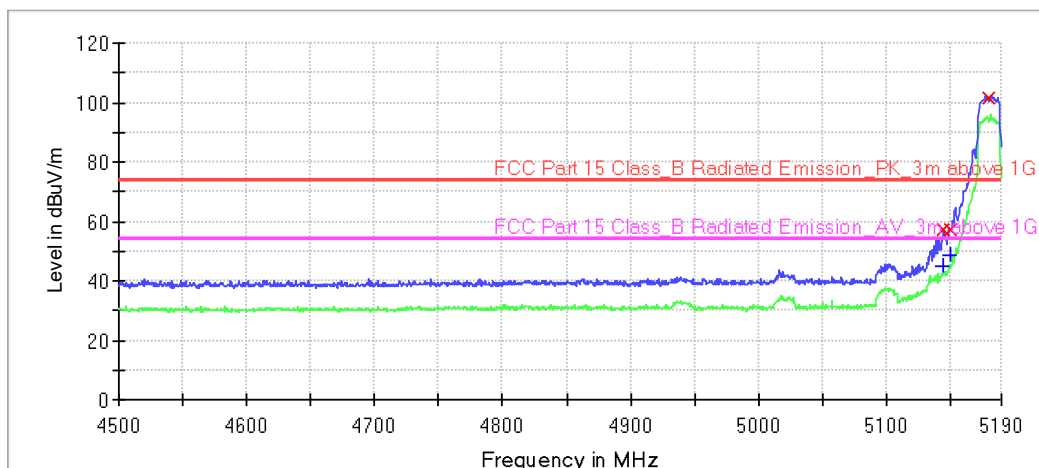
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5144.800000	57.3	43.5	250.0	H	145.0	-3.6	16.7	74.0	10.5	54.00
5150.000000	58.2	47.6	210.0	H	210.0	-3.6	15.8	74.0	6.4	54.00
5180.000000	101.2	---	150.0	H	333.0	-3.6	---	---	---	---



Critical_Freqs

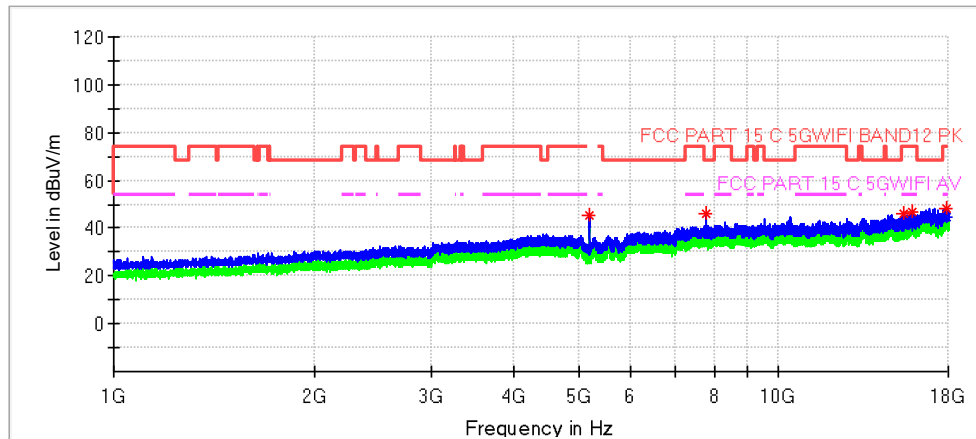
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	46.67	---	---	---	150.0	V	55.0	-3.6
7770.250000	45.25	---	68.20	22.95	300.0	V	79.0	-0.1
8080.500000	---	38.49	54.00	15.51	250.0	V	268.0	0.1
10359.031250	44.76	---	68.20	23.44	100.0	V	347.0	1.9
15529.156250	44.62	---	74.00	29.38	100.0	V	285.0	7.6
15543.500000	---	40.75	54.00	13.25	200.0	V	218.0	7.6
15902.093750	45.66	---	74.00	28.34	220.0	V	352.0	8.2
15906.343750	---	43.19	54.00	10.81	150.0	V	1.0	8.2
17836.375000	---	45.06	54.00	8.94	300.0	V	213.0	11.6
17903.843750	---	44.59	54.00	9.41	350.0	V	0.0	11.8
17908.625000	49.11	---	74.00	24.89	150.0	V	108.0	11.8



Critical_Freqs

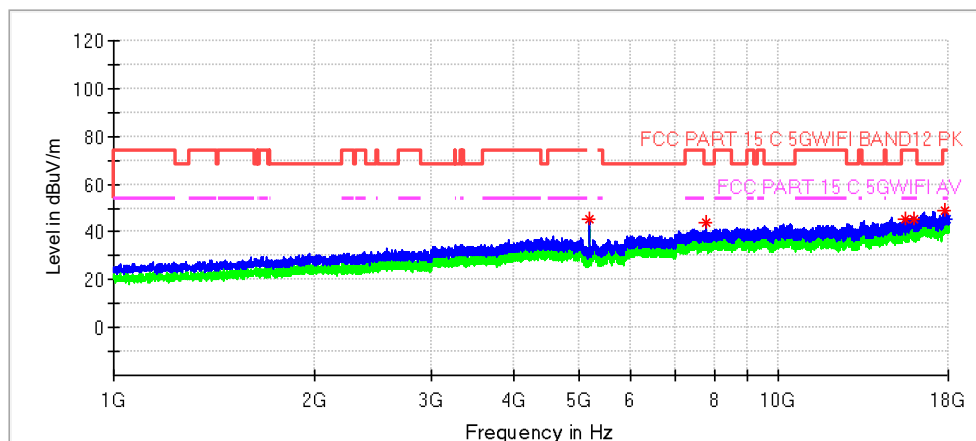
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5144.800000	57.5	44.8	250.0	V	241.0	-3.6	16.5	74.0	9.2	54.0
5150.000000	57.4	48.4	100.0	V	157.0	-3.6	16.6	74.0	5.6	54.0
5180.000000	101.7	594.0	150.0	V	279.0	-3.6	---	---	---	---

Frequency: 802.11a 5200MHz



Critical_Freqs

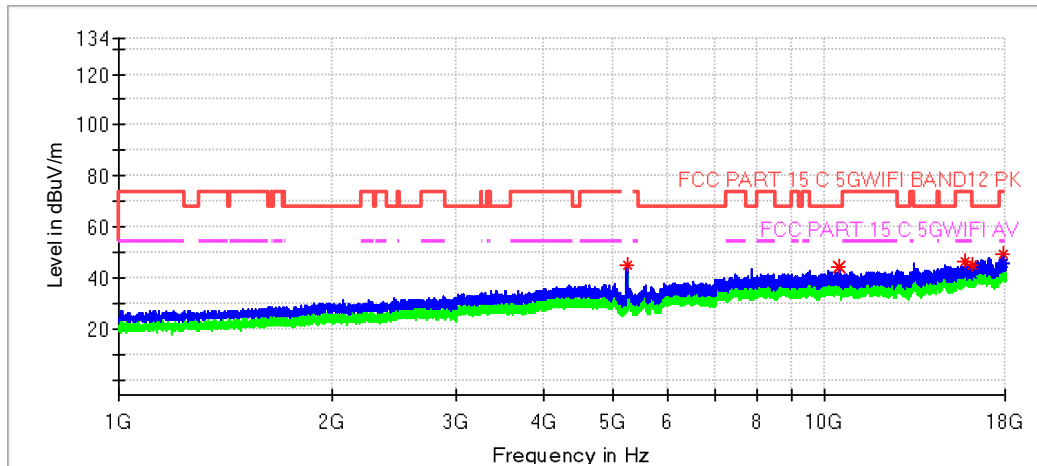
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	45.51	---	---	---	150.0	H	176.0	-3.6
7800.000000	45.71	---	68.20	22.49	400.0	H	99.0	-0.1
15414.406250	46.24	---	74.00	27.76	250.0	H	227.0	7.3
15440.968750	---	40.90	54.00	13.10	300.0	H	310.0	7.3
15884.562500	---	41.37	54.00	12.63	300.0	H	292.0	8.2
15885.625000	46.63	---	74.00	27.37	150.0	H	221.0	8.2
17862.937500	---	44.65	54.00	9.35	200.0	H	0.0	11.7
17882.062500	48.54	---	74.00	25.46	150.0	H	76.0	11.7



Critical_Freqs

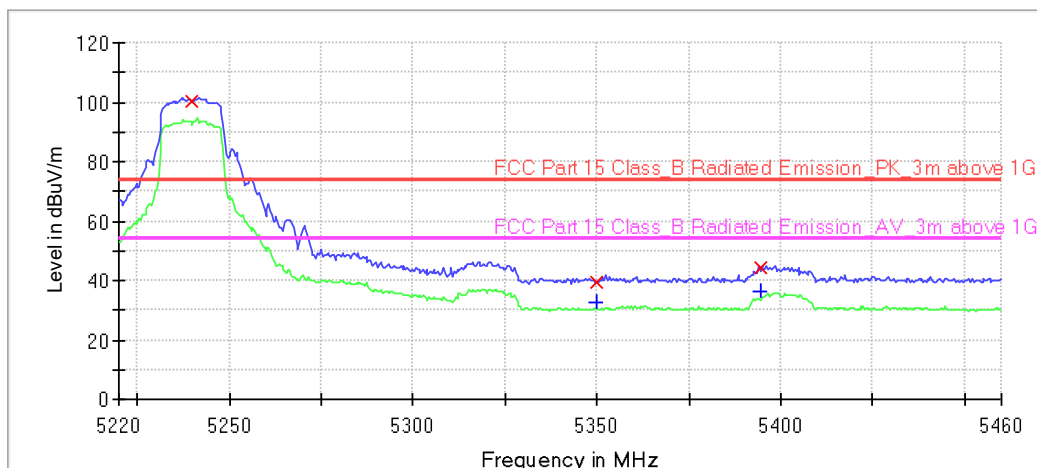
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	45.00	---	---	---	150.0	V	154.0	-3.6
7800.531250	43.97	---	68.20	24.23	400.0	V	200.0	-0.1
15551.468750	---	41.13	54.00	12.87	250.0	V	103.0	7.6
15553.593750	45.65	---	74.00	28.35	300.0	V	91.0	7.6
15964.781250	45.57	---	74.00	28.43	400.0	V	188.0	8.4
15981.781250	---	43.12	54.00	10.88	100.0	V	138.0	8.5
17823.625000	48.85	---	74.00	25.15	150.0	V	248.0	11.6
17939.437500	---	45.01	54.00	8.99	100.0	V	282.0	11.9

Frequency: 802.11a 5240MHz



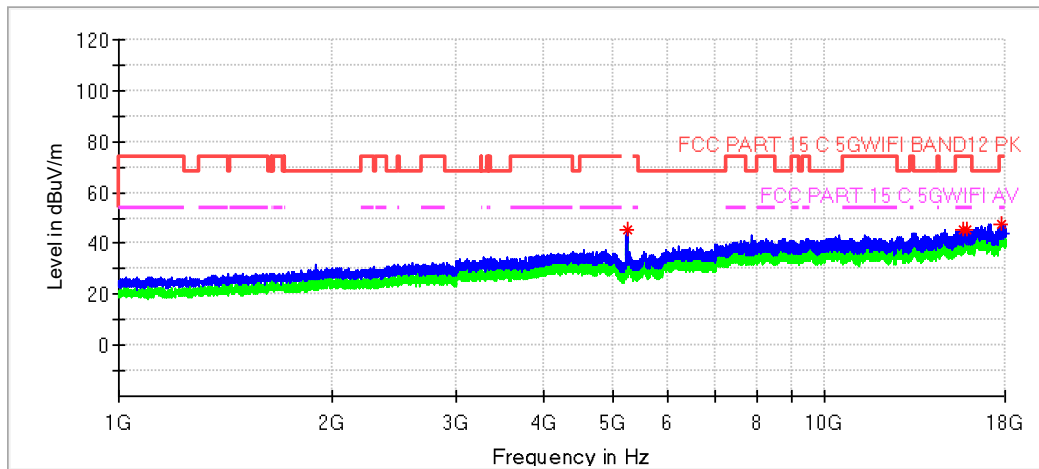
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	45.23	---	---	---	150.0	H	120.0	-3.6
10483.343750	44.43	---	68.20	23.77	300.0	H	228.0	1.9
10922.687500	---	39.28	54.00	14.72	250.0	H	80.0	2.3
15804.343750	46.72	---	74.00	27.28	100.0	H	35.0	8.1
15848.437500	---	41.11	54.00	12.89	200.0	H	240.0	8.1
16158.156250	44.63	---	74.00	29.37	150.0	H	211.0	8.8
16161.875000	---	41.12	54.00	12.88	100.0	H	223.0	8.8
17915.531250	48.97	---	74.00	25.03	150.0	H	52.0	11.8
17915.531250	---	45.79	54.00	8.21	250.0	H	52.0	11.8



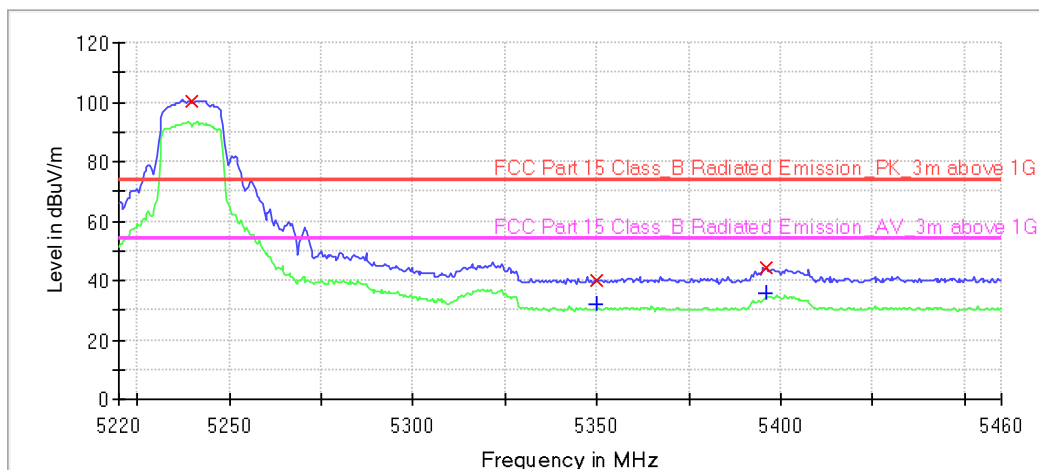
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	100.1	---	250.0	H	241.0	-3.6	---	---	---	---
5350.000000	39.6	32.4	150.0	H	158.0	-3.3	34.4	74.0	21.6	54.0
5394.700000	44.5	36.1	300.0	H	341.0	-3.1	29.5	74.0	17.9	54.0



Critical Freqs

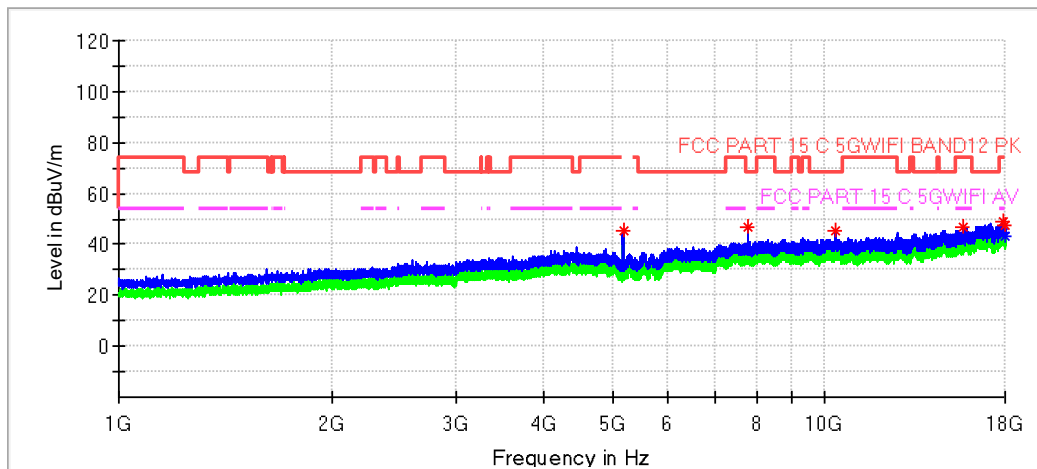
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	45.10	---	---	---	150.0	V	356.0	-3.6
10896.125000	---	39.19	54.00	14.81	250.0	V	227.0	2.3
15733.687500	45.54	---	74.00	28.46	300.0	V	216.0	8.0
15739.000000	---	41.29	54.00	12.71	150.0	V	288.0	8.0
15878.718750	45.65	---	74.00	28.35	220.0	V	283.0	8.2
15930.250000	---	42.22	54.00	11.78	100.0	V	94.0	8.3
17771.031250	47.25	---	74.00	26.75	150.0	V	261.0	11.5



Critical Freqs

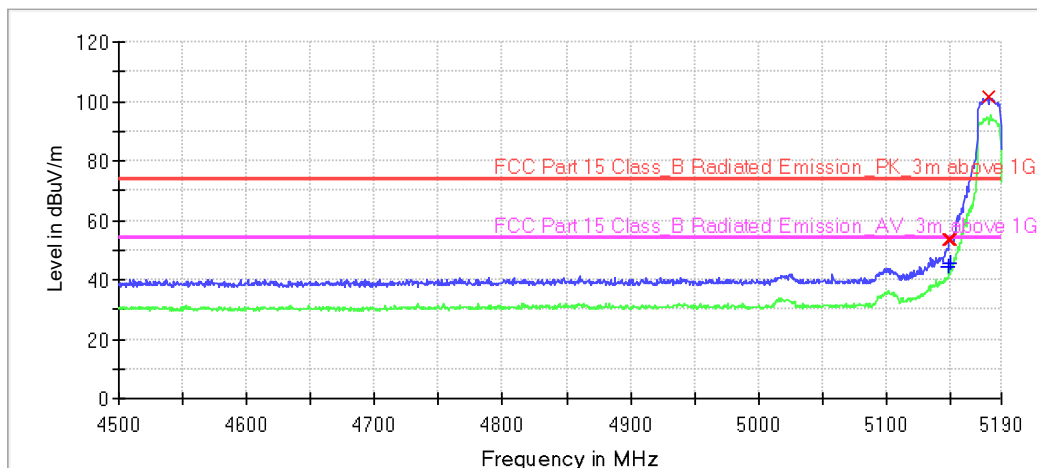
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	100.1	---	350.0	V	264.0	-3.6	---	---	---	---
5350.000000	39.9	32.3	400.0	V	157.0	-3.3	34.1	74.0	21.7	54.0
5395.900000	44.4	35.4	100.0	V	238.0	-3.1	29.6	74.0	18.6	54.0

Frequency: 802.11n20 5180MHz



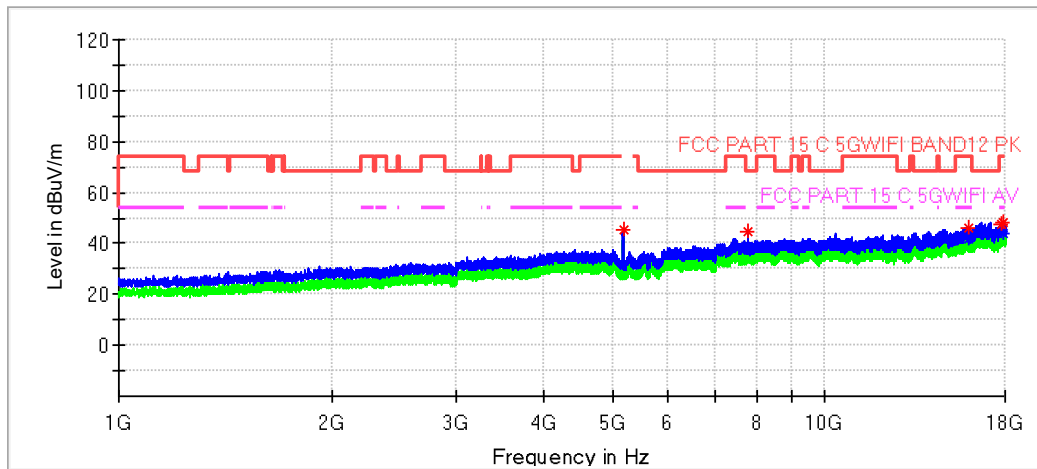
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	45.59	---	---	---	150.0	H	177.0	-3.6
7769.718750	46.68	---	68.20	21.52	350.0	H	154.0	-0.1
10362.750000	45.10	---	68.20	23.10	150.0	H	217.0	1.9
15736.875000	47.12	---	74.00	26.88	200.0	H	276.0	8.0
15757.593750	---	41.56	54.00	12.44	150.0	H	349.0	8.0
17853.375000	---	44.97	54.00	9.03	100.0	H	103.0	11.7
17859.750000	49.02	---	74.00	24.98	250.0	H	1.0	11.7
17947.937500	---	43.49	54.00	10.51	300.0	H	342.0	11.9
17959.625000	47.63	---	74.00	26.37	150.0	H	217.0	11.9



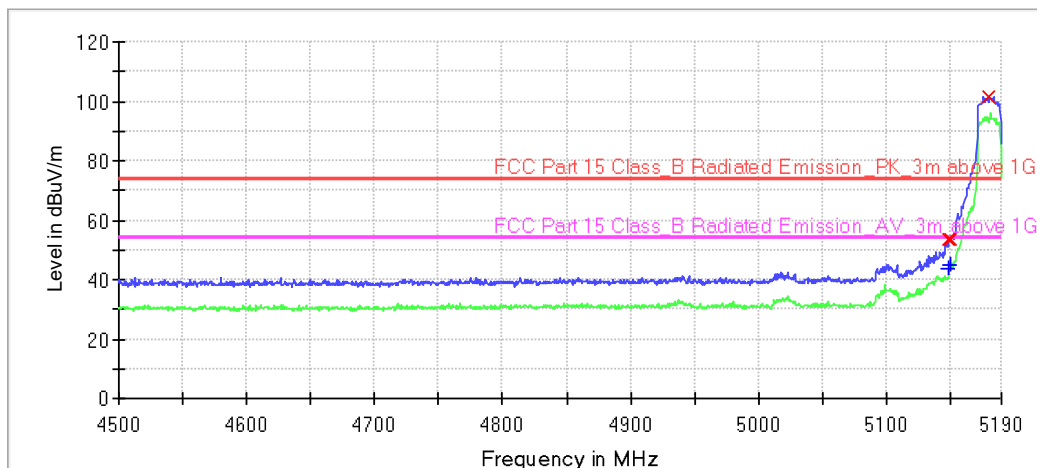
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5149.000000	53.3	44.3	350.0	H	145.0	-3.6	20.7	74.0	9.7	54.0
5150.000000	53.4	45.7	300.0	H	279.0	-3.6	20.6	74.0	8.3	54.0
5180.000000	101.6	---	250.0	H	143.0	-3.6	---	---	---	---



Critical Freqs

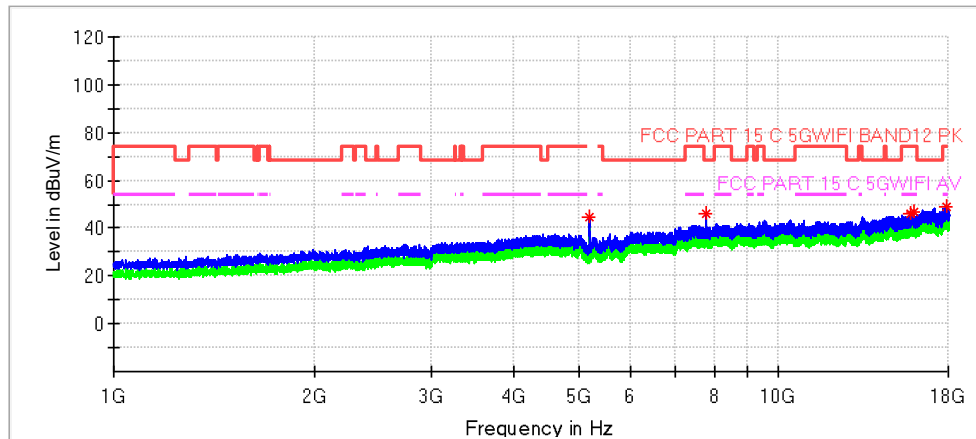
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	45.60	---	---	---	150.0	V	140.0	-3.6
7770.250000	44.91	---	68.20	23.29	350.0	V	206.0	-0.1
15991.875000	---	41.73	54.00	12.27	200.0	V	348.0	8.5
15993.468750	45.78	---	74.00	28.22	150.0	V	134.0	8.6
17736.500000	47.48	---	74.00	26.52	150.0	V	302.0	11.4
17738.625000	---	44.90	54.00	9.10	200.0	V	223.0	11.4
17853.906250	48.51	---	74.00	25.49	100.0	V	257.0	11.7
17882.062500	---	44.24	54.00	9.76	400.0	V	178.0	11.7



Critical Freqs

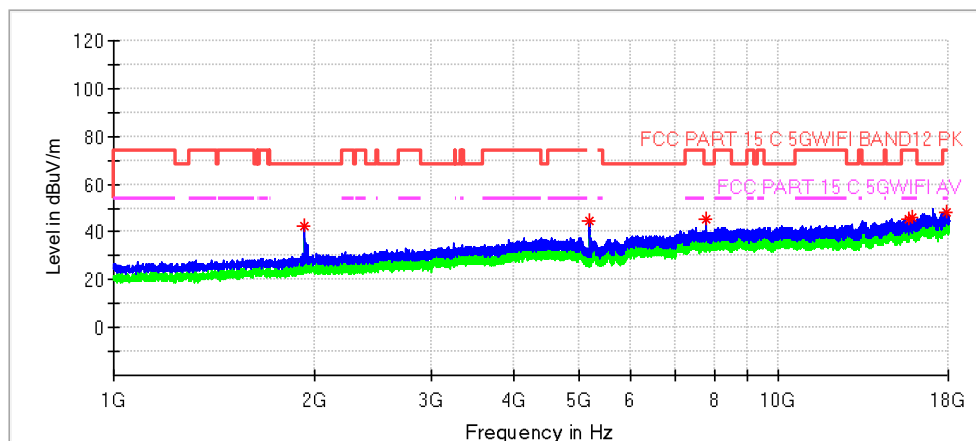
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5148.700000	53.7	43.6	250.0	V	125.0	-3.6	20.3	74.0	10.4	54.0
5150.000000	53.4	45.2	310.0	V	241.0	-3.6	20.6	74.0	8.8	54.0
5180.000000	101.5	---	220.0	V	189.0	-3.6	---	---	---	---

Frequency: 802.11n20 5200MHz



Critical_Freqs

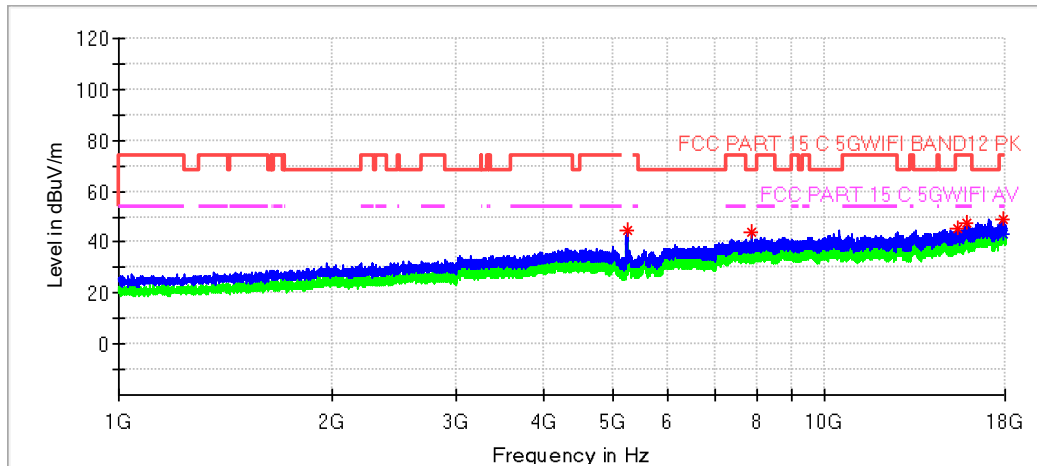
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	44.86	---	---	---	150.0	H	183.0	-3.6
7800.000000	46.36	---	68.20	21.84	400.0	H	154.0	-0.1
15821.875000	---	42.79	54.00	11.21	250.0	H	98.0	8.1
15826.125000	45.90	---	74.00	28.10	310.0	H	171.0	8.1
15966.375000	---	42.37	54.00	11.63	200.0	H	286.0	8.5
15982.843750	46.77	---	74.00	27.23	100.0	H	24.0	8.5
17745.531250	---	45.23	54.00	8.77	150.0	H	30.0	11.4
17920.843750	49.25	---	74.00	24.75	100.0	H	92.0	11.8



Critical_Freqs

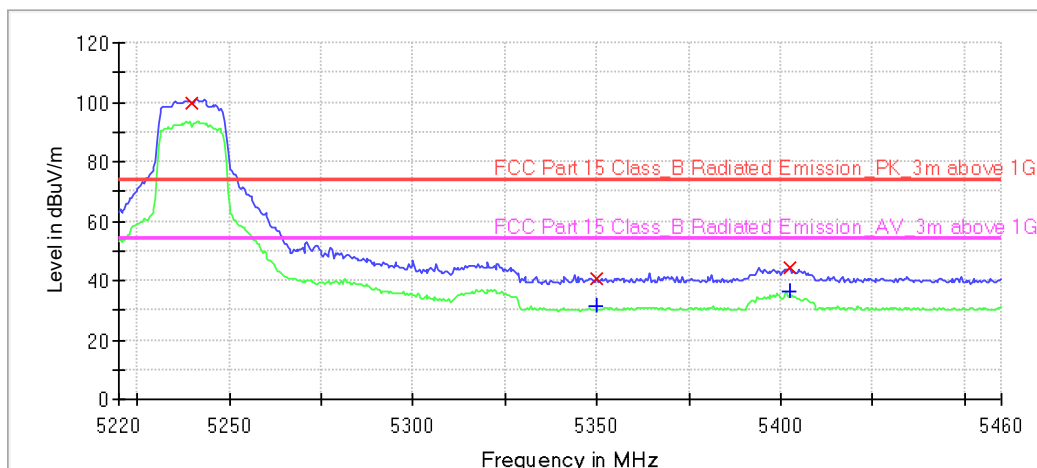
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1939.781250	42.17	---	68.20	26.03	250.0	V	322.0	-13.8
5200.000000	44.71	---	---	---	150.0	V	161.0	-3.6
7800.000000	45.26	---	68.20	22.94	250.0	V	201.0	-0.1
15698.093750	45.01	---	74.00	28.99	200.0	V	91.0	7.9
15729.437500	---	41.32	54.00	12.68	100.0	V	79.0	8.0
15888.281250	46.22	---	74.00	27.78	100.0	V	173.0	8.2
15914.312500	---	41.82	54.00	12.18	300.0	V	73.0	8.2
17819.375000	---	44.71	54.00	9.29	300.0	V	49.0	11.6
17910.218750	48.39	---	74.00	25.61	150.0	V	322.0	11.8

Frequency: 802.11n20 5240MHz



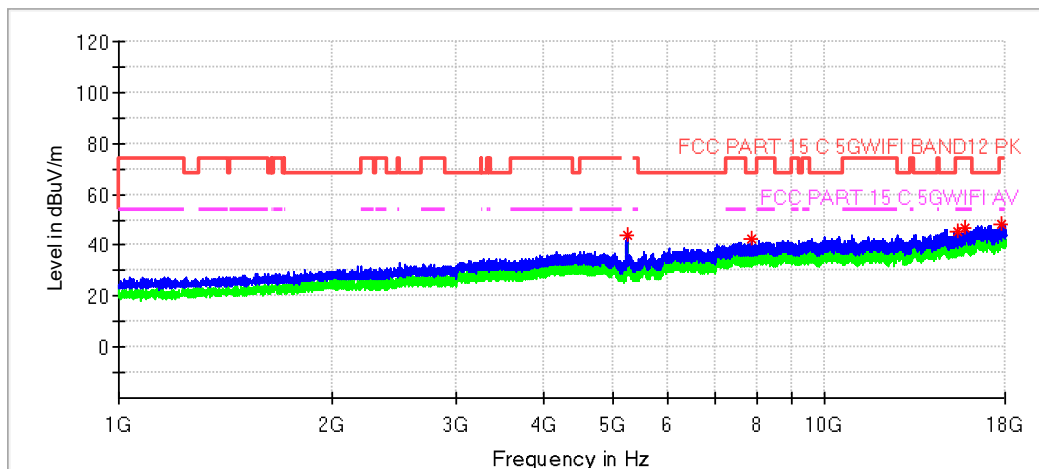
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	44.42	---	---	---	150.0	H	175.0	-3.6
7860.031250	43.76	---	68.20	24.44	300.0	H	99.0	-0.1
15397.937500	45.35	---	74.00	28.65	250.0	H	37.0	7.3
15485.593750	---	40.94	54.00	13.06	150.0	H	250.0	7.5
15870.218750	47.31	---	74.00	26.69	200.0	H	322.0	8.1
15955.218750	---	44.16	54.00	9.84	20.0	H	256.0	8.4
17764.125000	---	44.99	54.00	9.01	100.0	H	250.0	11.5
17912.343750	48.66	---	74.00	25.34	150.0	H	359.0	11.8
17925.625000	---	43.35	54.00	10.65	350.0	H	124.0	11.9



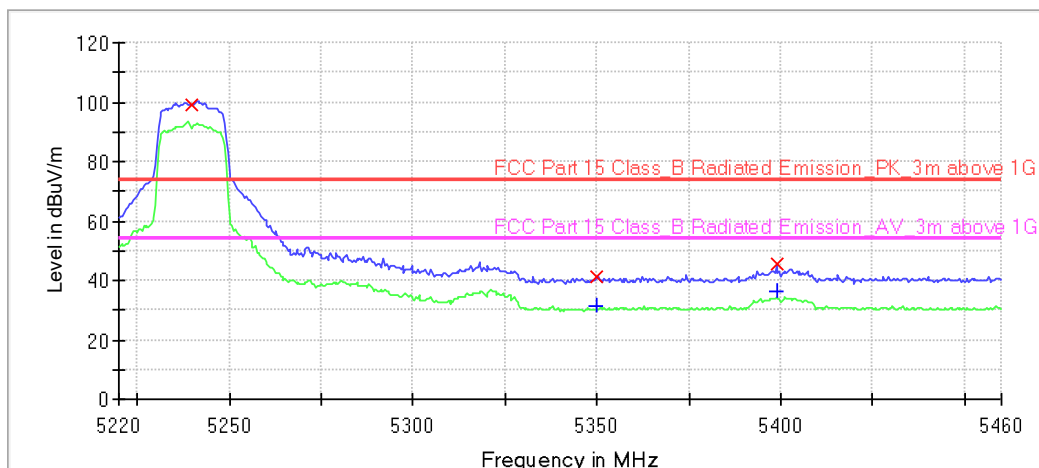
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	99.9	---	250.0	H	214.0	-3.6	---	---	---	---
5350.000000	40.6	31.3	350.0	H	178.0	-3.3	33.4	74.0	22.7	54.0
5402.500000	44.1	36.4	150.0	H	234.0	-3.1	29.9	74.0	17.6	54.0



Critical_Freqs

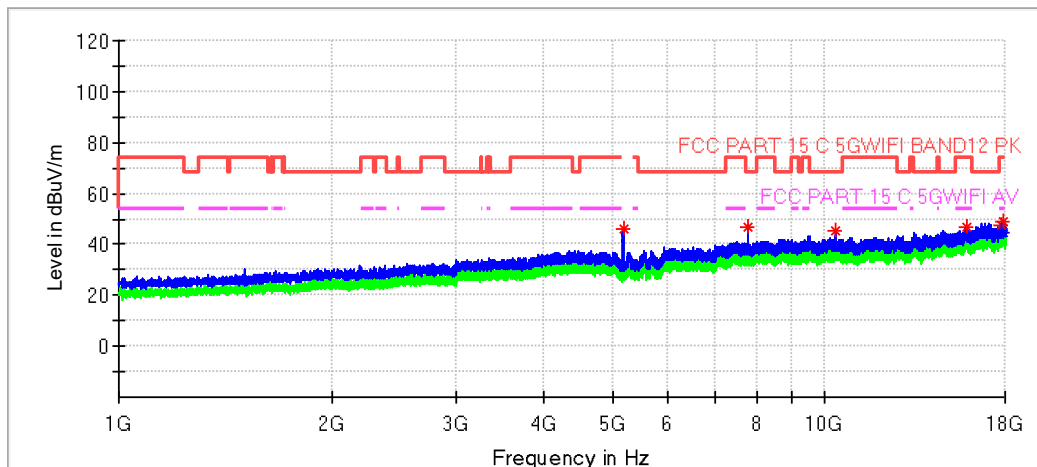
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	43.80	---	---	---	150.0	V	0.0	-3.6
7860.031250	42.64	---	68.20	25.56	330.0	V	108.0	-0.1
15421.312500	---	40.82	54.00	13.18	250.0	V	55.0	7.3
15429.281250	45.61	---	74.00	28.39	100.0	V	97.0	7.3
15821.875000	46.81	---	74.00	27.19	100.0	V	55.0	8.1
15827.187500	---	42.40	54.00	11.60	250.0	V	339.0	8.1
17826.812500	48.53	---	74.00	25.47	300.0	V	252.0	11.6
17834.781250	---	43.97	54.00	10.03	150.0	V	305.0	11.6



Critical_Freqs

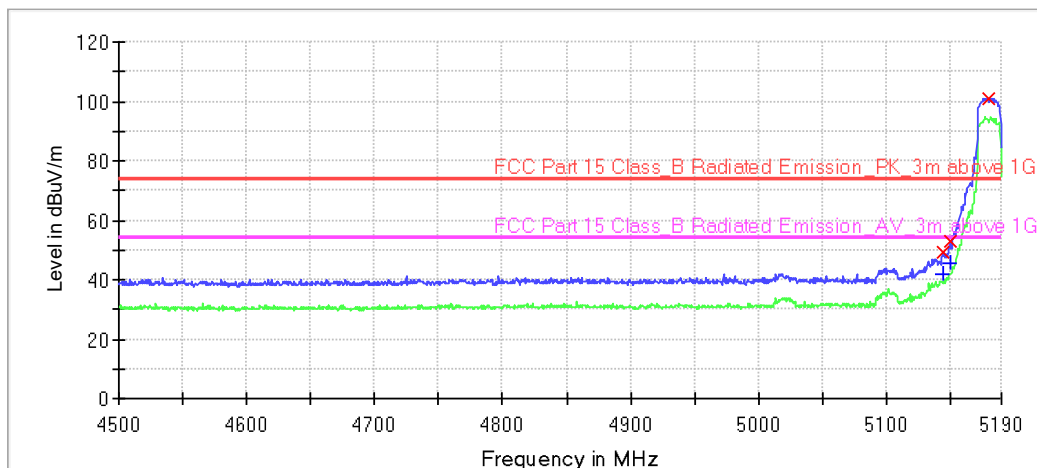
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	99.2	---	250.0	V	124.0	-3.6	---	---	---	---
5350.000000	41.2	31.3	200.0	V	235.0	-3.3	32.8	74.0	22.7	54.0
5398.900000	45.8	36.4	150.0	V	278.0	-3.1	28.2	74.0	17.6	54.0

Frequency: 802.11ac20 5180MHz



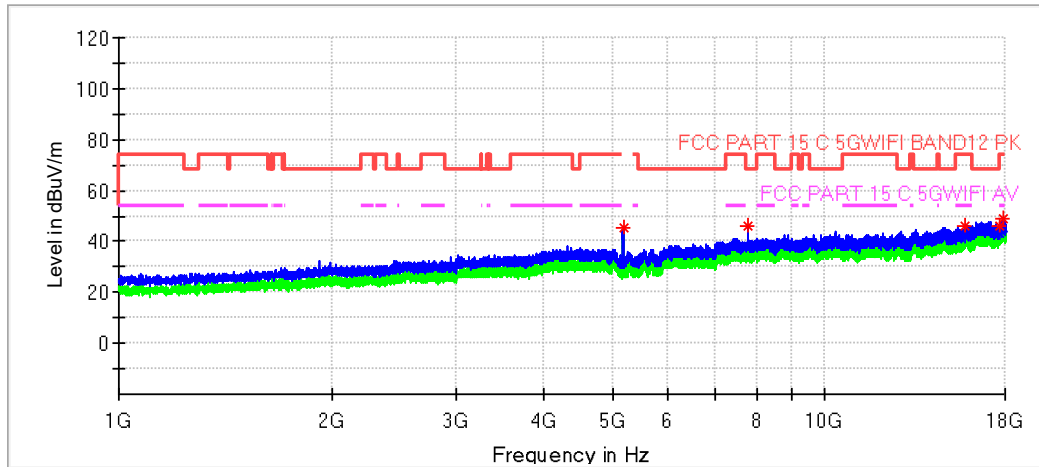
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	45.83	---	---	---	150.0	H	177.0	-3.6
7769.718750	47.09	---	68.20	21.11	150.0	H	154.0	-0.1
10357.437500	45.54	---	68.20	22.66	150.0	H	359.0	1.9
15845.781250	---	43.06	54.00	10.94	150.0	H	80.0	8.1
15867.031250	46.58	---	74.00	27.42	150.0	H	206.0	8.1
17742.343750	---	44.33	54.00	9.67	150.0	H	3.0	11.4
17752.437500	47.66	---	74.00	26.34	150.0	H	19.0	11.5
17895.343750	---	44.43	54.00	9.57	150.0	H	252.0	11.8
17907.031250	48.94	---	74.00	25.06	150.0	H	336.0	11.8



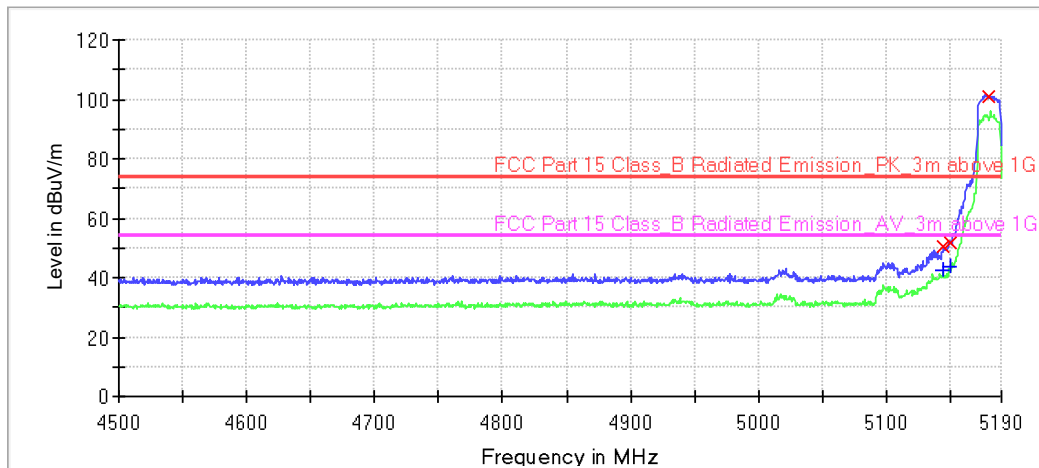
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5144.800000	49.0	41.9	330.0	H	125.0	-3.6	25.0	74.0	12.1	54.0
5150.000000	53.1	45.3	210.0	H	234.0	-3.6	20.9	74.0	8.7	54.0
5180.000000	101.2	---	150.0	H	179.0	-3.6	---	---	---	---



Critical Freqs

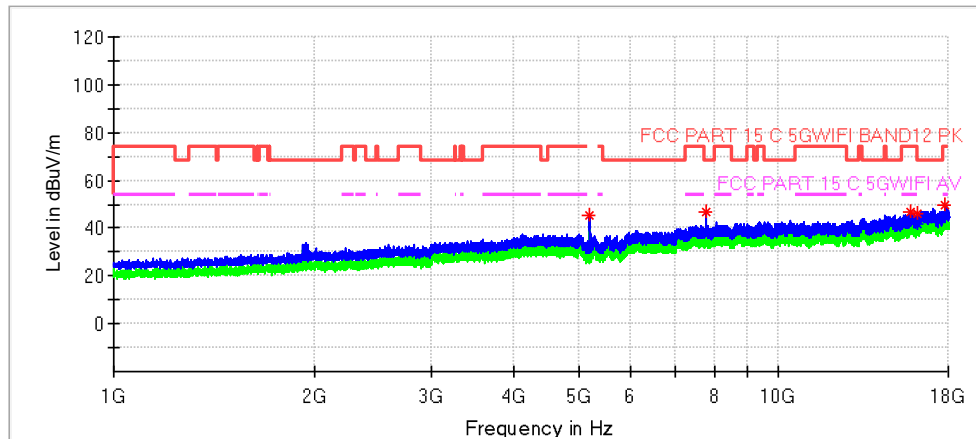
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	45.63	---	---	---	150.0	V	137.0	-3.6
7770.250000	46.01	---	68.20	22.19	150.0	V	200.0	-0.1
15751.750000	46.34	---	74.00	27.66	150.0	V	120.0	8.0
15752.281250	---	41.41	54.00	12.59	150.0	V	120.0	8.0
17702.500000	46.36	---	74.00	27.64	150.0	V	183.0	11.4
17710.468750	---	43.39	54.00	10.61	150.0	V	200.0	11.4
17835.312500	---	43.62	54.00	10.38	150.0	V	255.0	11.6
17843.281250	48.95	---	74.00	25.05	150.0	V	238.0	11.6



Critical Freqs

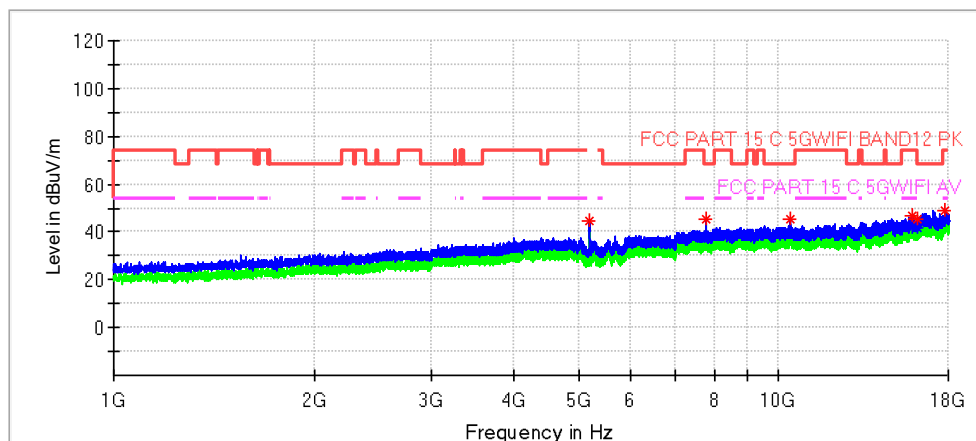
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5144.800000	50.4	42.4	350.0	V	213.0	-3.6	23.6	74.0	11.6	54.0
5150.000000	51.4	43.9	300.0	V	256.0	-3.6	22.6	74.0	10.1	54.0
5180.000000	101.2	---	220.0	V	241.0	-3.6	---	---	---	---

Frequency: 802.11ac20 5200MHz



Critical_Freqs

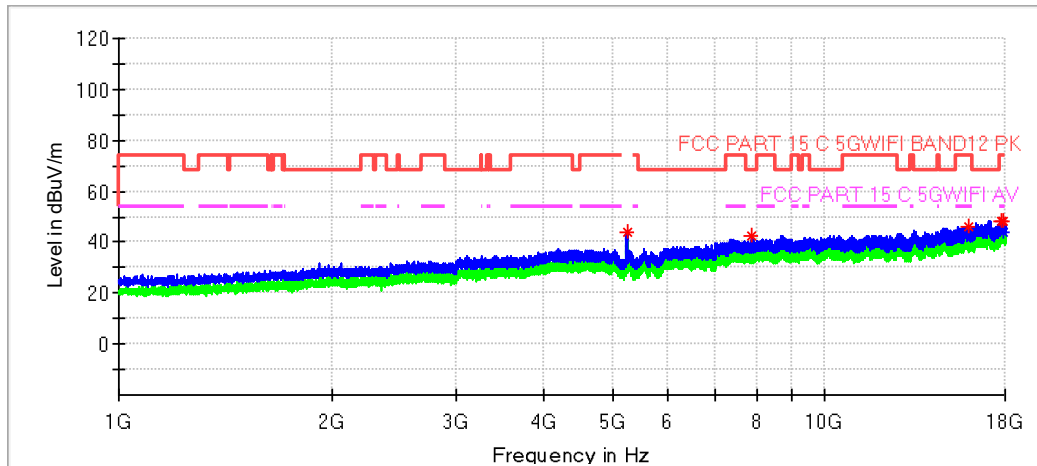
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	45.50	---	---	---	150.0	H	127.0	-3.6
7800.000000	47.05	---	68.20	21.15	250.0	H	250.0	-0.1
15824.000000	46.80	---	74.00	27.20	100.0	H	311.0	8.1
15833.562500	---	42.90	54.00	11.10	250.0	H	265.0	8.1
16136.906250	---	41.65	54.00	12.35	300.0	H	104.0	8.8
16151.781250	46.14	---	74.00	27.86	200.0	H	289.0	8.8
17827.343750	49.35	---	74.00	24.65	150.0	H	0.0	11.6
17834.250000	---	44.30	54.00	9.70	150.0	H	296.0	11.6



Critical_Freqs

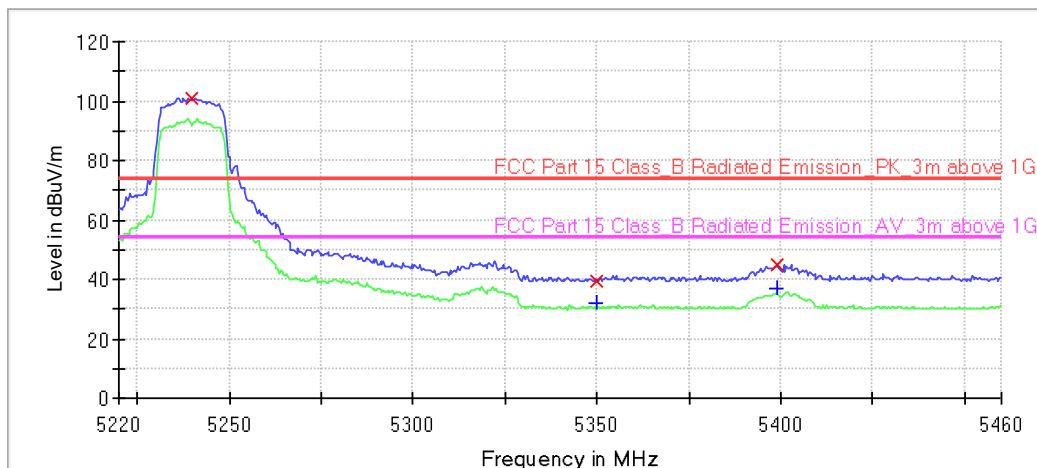
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	44.52	---	---	---	150.0	V	173.0	-3.6
7800.000000	45.12	---	68.20	23.08	300.0	V	196.0	-0.1
10397.281250	45.04	---	68.20	23.16	250.0	V	345.0	1.9
15904.750000	46.52	---	74.00	27.48	100.0	V	334.0	8.2
15906.875000	---	41.79	54.00	12.21	100.0	V	156.0	8.2
16179.406250	---	41.58	54.00	12.42	150.0	V	207.0	8.8
16186.312500	45.49	---	74.00	28.51	200.0	V	286.0	8.8
17835.843750	---	44.29	54.00	9.71	150.0	V	50.0	11.6
17839.031250	48.58	---	74.00	25.42	220.0	V	162.0	11.6

Frequency: 802.11ac20 5240MHz



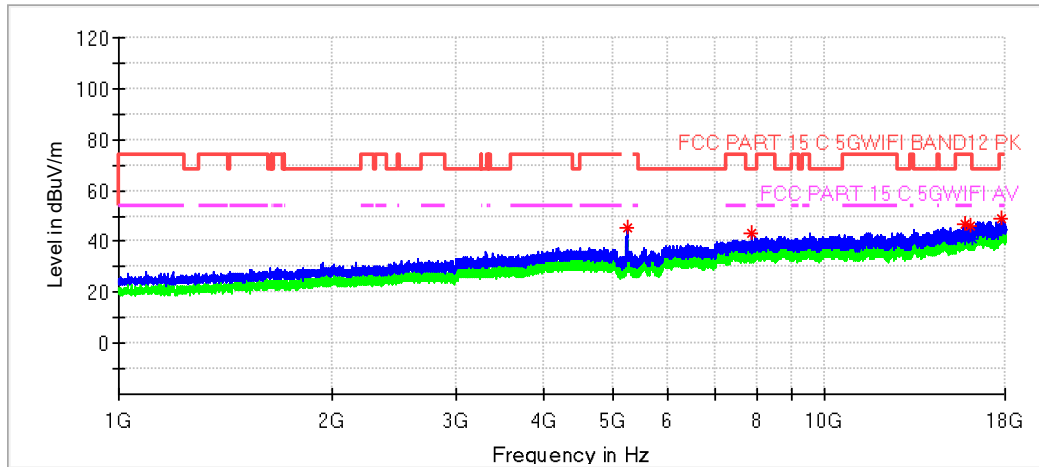
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	43.86	---	---	---	150.0	H	356.0	-3.6
7860.031250	42.62	---	68.20	25.58	350.0	H	90.0	-0.1
15955.218750	---	42.85	54.00	11.15	200.0	H	56.0	8.4
15975.937500	46.15	---	74.00	27.85	150.0	H	316.0	8.5
17803.437500	48.14	---	74.00	25.86	100.0	H	349.0	11.6
17818.843750	---	45.06	54.00	8.94	250.0	H	329.0	11.6
17919.781250	47.95	---	74.00	26.05	300.0	H	107.0	11.8
17921.906250	---	43.87	54.00	10.13	150.0	H	56.0	11.8



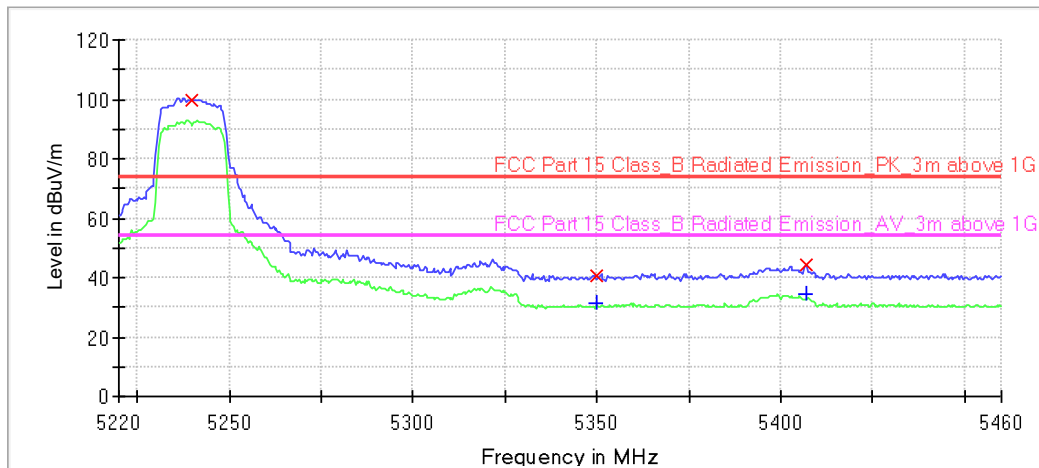
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	100.7	---	350.0	H	234.0	-3.6	---	---	---	---
5350.000000	39.6	32.1	250.0	H	157.0	-3.3	34.4	74.0	21.9	54.0
5399.200000	44.8	37.2	150.0	H	289.0	-3.1	29.2	74.0	16.8	54.0



Critical Freqs

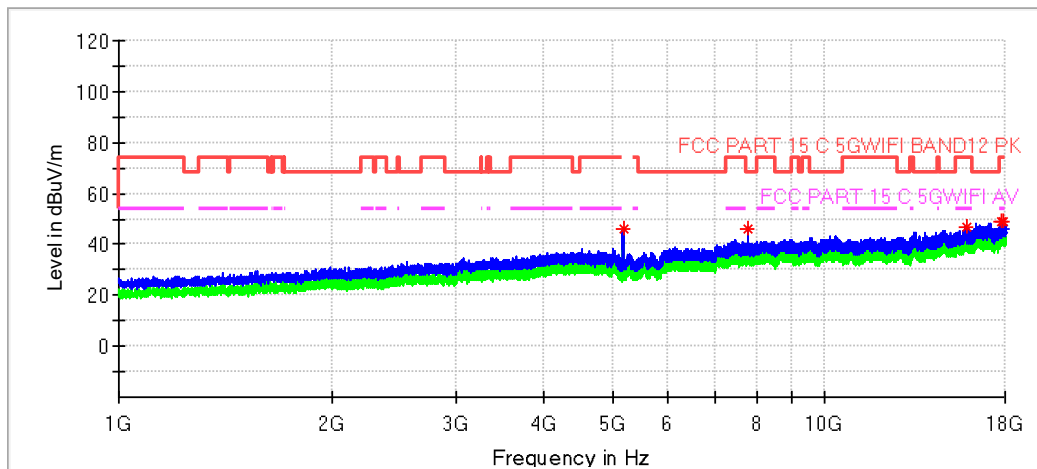
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	44.99	---	---	---	150.0	V	352.0	-3.6
7860.031250	42.86	---	68.20	25.34	300.0	V	205.0	-0.1
15763.437500	46.42	---	74.00	27.58	150.0	V	0.0	8.0
15766.093750	---	40.81	54.00	13.19	200.0	V	116.0	8.0
16113.000000	45.77	---	74.00	28.23	150.0	V	335.0	8.8
16127.875000	---	41.12	54.00	12.88	200.0	V	1.0	8.8
17826.812500	---	44.67	54.00	9.33	350.0	V	335.0	11.6
17834.781250	48.62	---	74.00	25.38	400.0	V	193.0	11.6



Critical Freqs

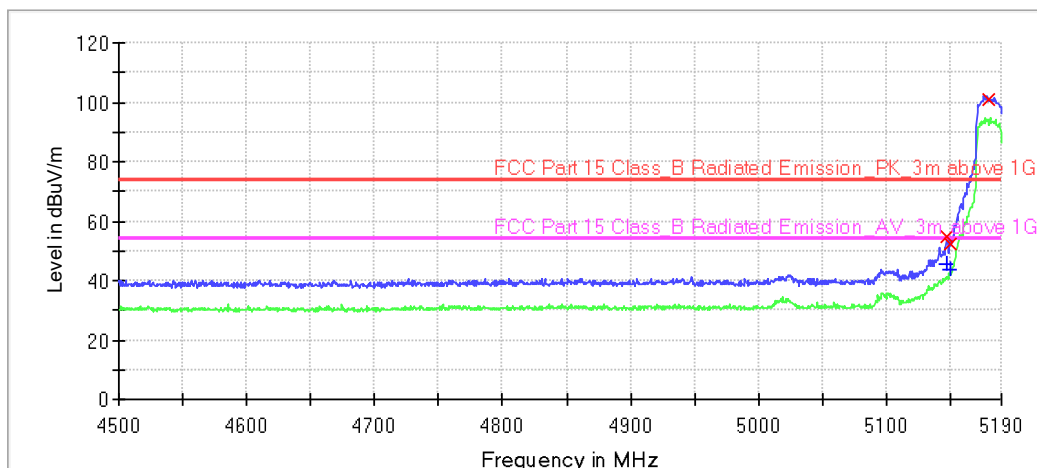
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	99.9	---	150.0	V	216.0	-3.6	---	---	---	---
5350.000000	40.9	31.5	240.0	V	254.0	-3.3	33.1	74.0	22.5	54.0
5406.700000	44.5	34.6	300.0	V	183.0	-3.1	29.5	74.0	19.4	54.0

Frequency: 802.11ax20 5180MHz



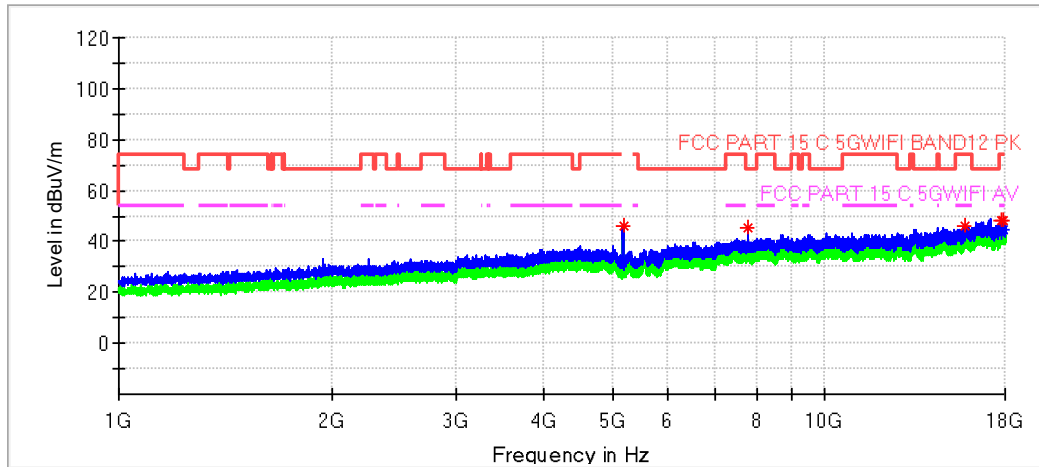
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	46.14	---	---	---	150.0	H	114.0	-3.6
7769.718750	46.41	---	68.20	21.79	150.0	H	161.0	-0.1
15844.718750	46.90	---	74.00	27.10	150.0	H	347.0	8.1
15845.781250	---	42.37	54.00	11.63	150.0	H	237.0	8.1
17745.531250	48.86	---	74.00	25.14	150.0	H	224.0	11.4
17745.531250	---	44.29	54.00	9.71	150.0	H	224.0	11.4
17857.093750	---	45.70	54.00	8.30	150.0	H	95.0	11.7
17857.093750	48.66	---	74.00	25.34	150.0	H	95.0	11.7



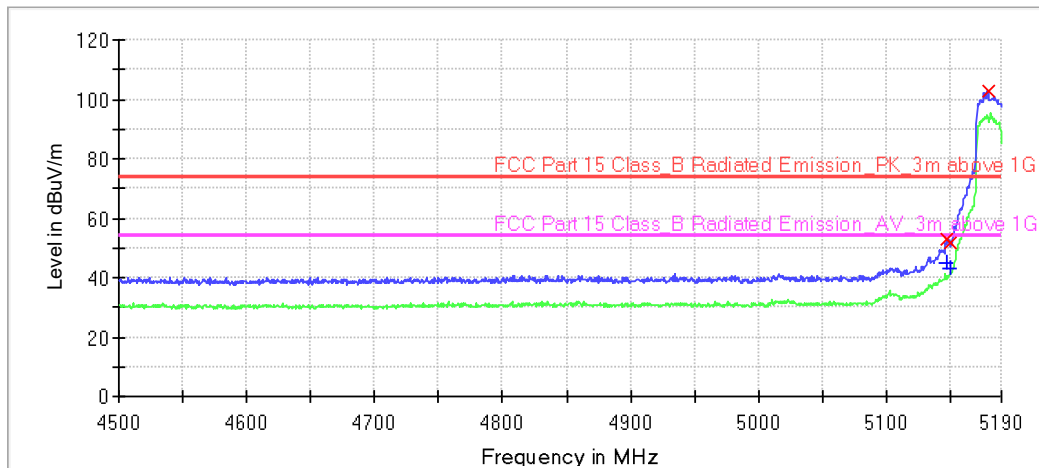
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5147.500000	54.9	45.7	250.0	H	261.0	-3.6	19.1	74.0	8.3	54.0
5150.000000	52.5	43.8	300.0	H	145.0	-3.6	21.5	74.0	10.2	54.0
5180.000000	101.1	---	100.0	H	237.0	-3.6	---	---	---	---



Critical Freqs

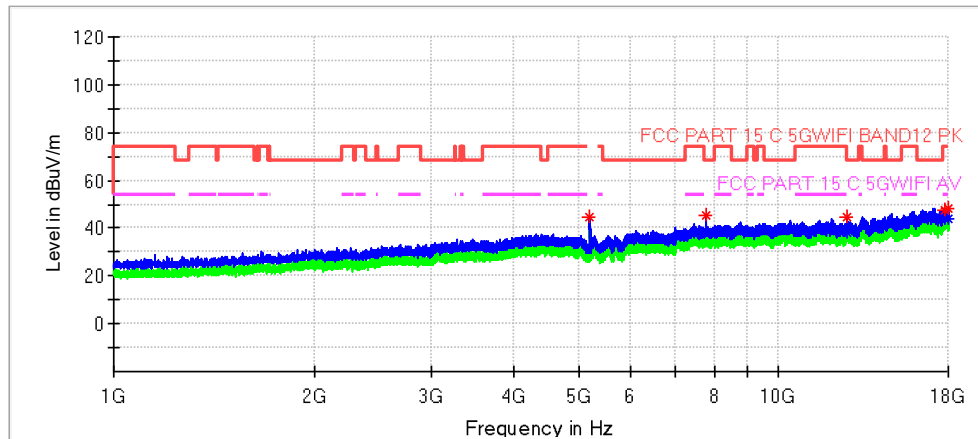
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5180.000000	45.92	---	---	---	150.0	V	140.0	-3.6
7770.250000	45.60	---	68.20	22.60	150.0	V	196.0	-0.1
15816.562500	---	42.37	54.00	11.63	150.0	V	40.0	8.1
15829.843750	46.37	---	74.00	27.63	150.0	V	215.0	8.1
17839.031250	---	42.98	54.00	11.02	150.0	V	120.0	11.6
17840.093750	48.31	---	74.00	25.69	150.0	V	328.0	11.6
17911.281250	---	44.29	54.00	9.71	150.0	V	278.0	11.8
17913.937500	48.25	---	74.00	25.75	150.0	V	153.0	11.8



Critical Freqs

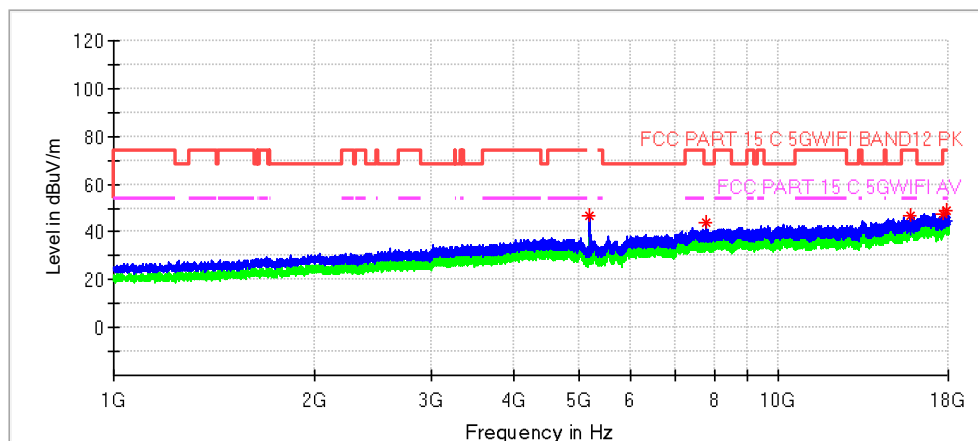
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5147.500000	53.2	45.2	250.0	V	236.0	-3.6	20.8	74.0	8.8	54.0
5150.000000	51.5	42.9	100.0	V	214.0	-3.6	22.5	74.0	11.1	54.0
5180.000000	102.7	---	150.0	V	178.0	-3.6	---	---	---	---

Frequency: 802.11ax20 5200MHz



Critical_Freqs

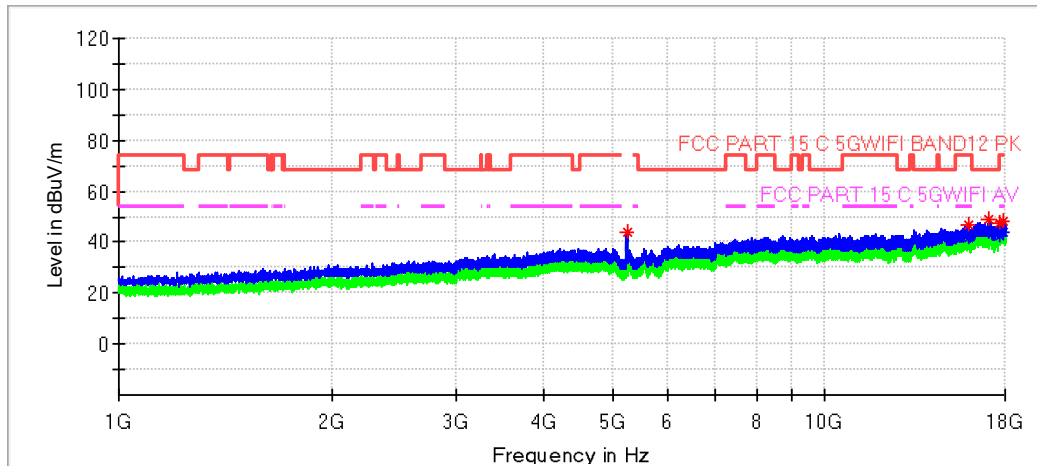
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	44.76	---	---	---	150.0	H	125.0	-3.6
7800.000000	45.33	---	68.20	22.87	150.0	H	96.0	-0.1
12692.281250	---	38.03	54.00	15.97	150.0	H	201.0	3.4
12693.875000	44.49	---	74.00	29.51	150.0	H	96.0	3.4
17768.375000	47.15	---	74.00	26.85	150.0	H	288.0	11.5
17771.031250	---	44.07	54.00	9.93	150.0	H	63.0	11.5
17950.593750	47.93	---	74.00	26.07	150.0	H	114.0	11.9
17950.593750	---	43.87	54.00	10.13	150.0	H	114.0	11.9



Critical_Freqs

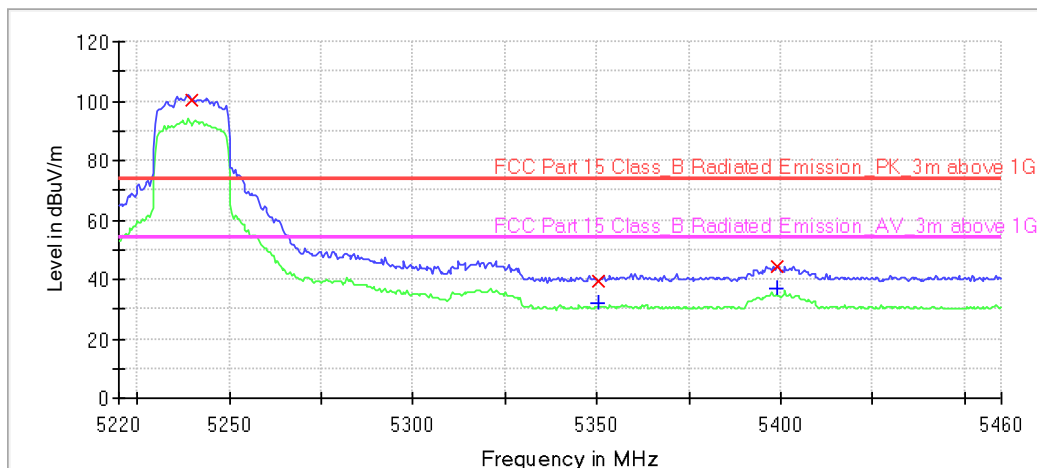
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5200.000000	47.07	---	---	---	150.0	V	0.0	-3.6
7800.000000	44.01	---	68.20	24.19	150.0	V	204.0	-0.1
15813.375000	46.44	---	74.00	27.56	150.0	V	18.0	8.1
15816.031250	---	40.95	54.00	13.05	150.0	V	97.0	8.1
17730.656250	47.56	---	74.00	26.44	150.0	V	215.0	11.4
17744.468750	---	43.71	54.00	10.29	150.0	V	150.0	11.4
17850.187500	48.88	---	74.00	25.12	150.0	V	340.0	11.7
17869.843750	---	44.28	54.00	9.72	150.0	V	215.0	11.7

Frequency: 802.11ax20 5240MHz



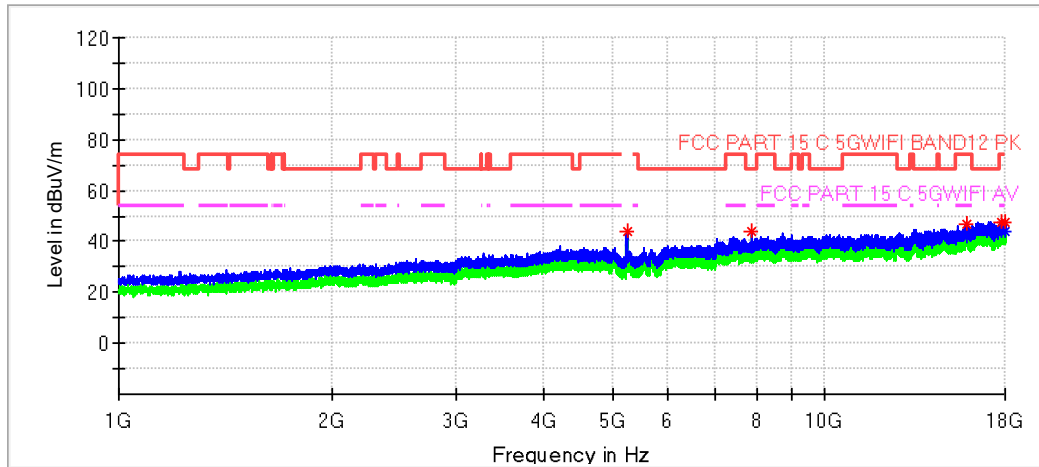
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	44.25	---	---	---	150.0	H	349.0	-3.6
15956.281250	46.90	---	74.00	27.10	150.0	H	52.0	8.4
15958.406250	---	41.77	54.00	12.23	150.0	H	103.0	8.4
17095.281250	48.87	---	68.20	19.33	150.0	H	238.0	10.5
17707.281250	47.36	---	74.00	26.64	150.0	H	208.0	11.4
17707.281250	---	42.63	54.00	11.37	150.0	H	208.0	11.4
17942.093750	47.92	---	74.00	26.08	150.0	H	131.0	11.9
17942.093750	---	43.83	54.00	10.17	150.0	H	131.0	11.9



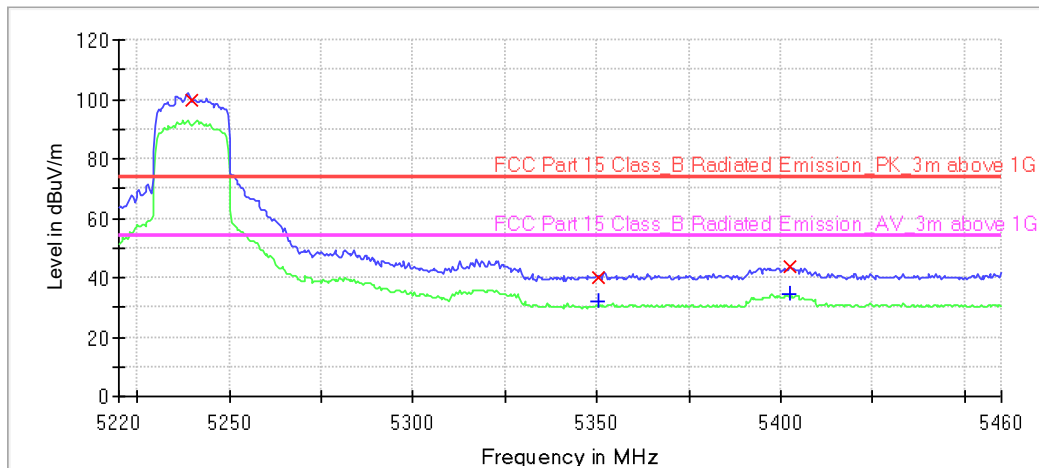
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	100.1	---	350.0	H	234.0	-3.6	---	---	---	---
5350.300000	39.5	31.9	400.0	H	178.0	-3.3	34.5	74.0	22.1	54.0
5398.900000	44.3	37.2	150.0	H	264.0	-3.1	29.7	74.0	16.8	54.0



Critical Freqs

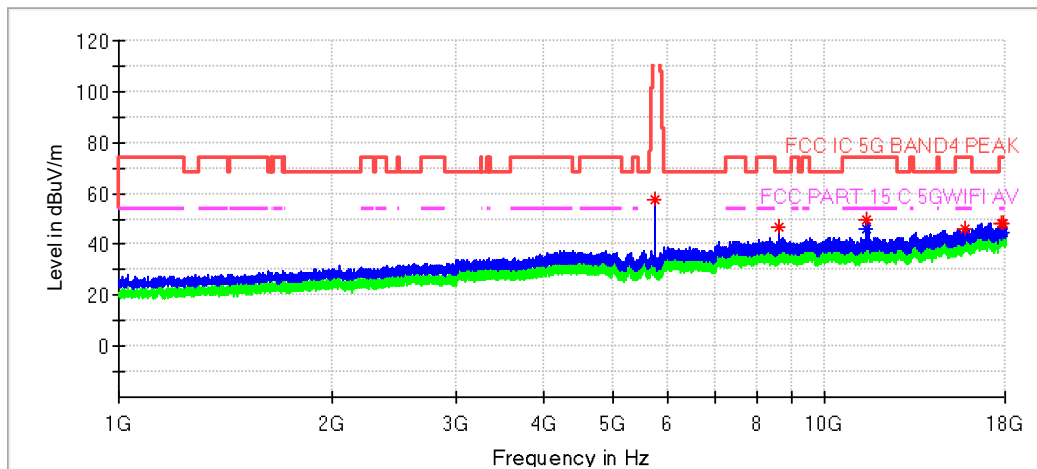
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5240.000000	44.23	---	---	---	150.0	V	359.0	-3.6
7860.031250	43.64	---	68.20	24.56	150.0	V	204.0	-0.1
15853.218750	46.43	---	74.00	27.57	150.0	V	345.0	8.1
15857.468750	---	41.42	54.00	12.58	150.0	V	345.0	8.1
17755.093750	47.67	---	74.00	26.33	150.0	V	215.0	11.5
17763.593750	---	44.04	54.00	9.96	150.0	V	283.0	11.5
17946.875000	47.77	---	74.00	26.23	150.0	V	221.0	11.9
17950.593750	---	43.66	54.00	10.34	150.0	V	358.0	11.9



Critical Freqs

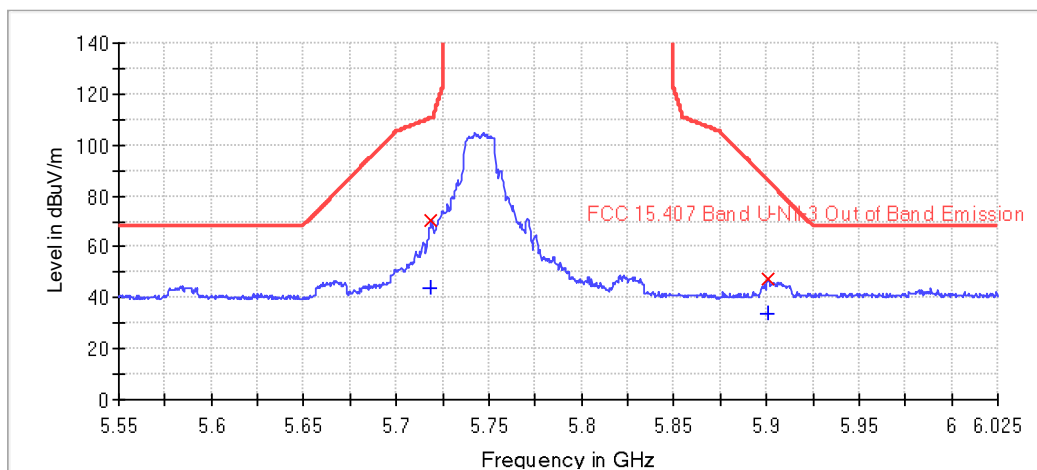
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5240.000000	99.5	---	250.0	V	215.0	-3.6	---	---	---	---
5350.300000	40.3	32.1	100.0	V	257.0	-3.3	33.7	74.0	21.9	54.0
5402.500000	43.9	34.5	150.0	V	315.0	-3.1	30.1	74.0	19.5	54.0

Frequency: 802.11a 5745MHz



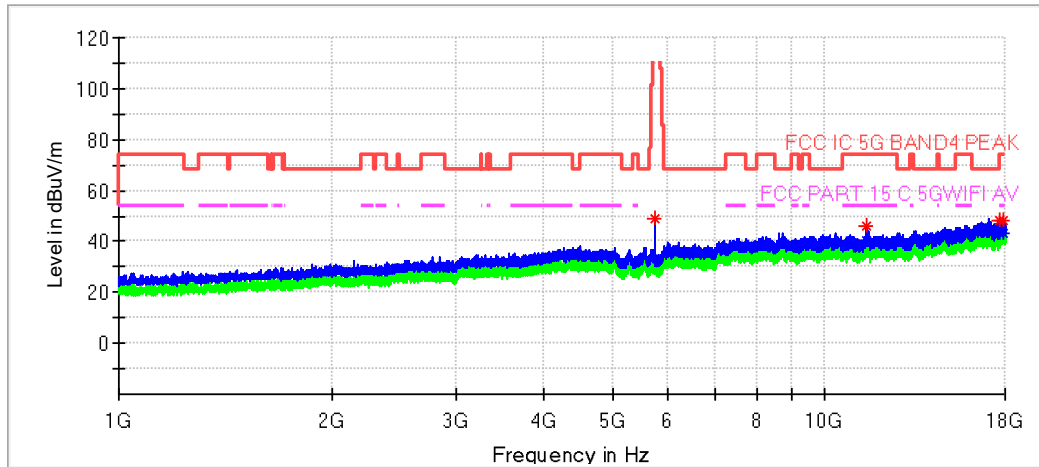
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	57.31	---	---	---	150.0	H	61.0	-2.9
8617.593750	46.84	---	68.20	21.36	150.0	H	167.0	0.4
11485.812500	---	45.72	54.00	8.28	150.0	H	160.0	2.9
11485.812500	49.45	---	74.00	24.55	150.0	H	160.0	2.9
15831.968750	---	42.13	54.00	11.87	150.0	H	5.0	8.1
15831.968750	46.37	---	74.00	27.63	150.0	H	5.0	8.1
17807.156250	---	43.62	54.00	10.38	150.0	H	226.0	11.6
17807.156250	47.88	---	74.00	26.12	150.0	H	226.0	11.6
17868.250000	48.38	---	74.00	25.62	150.0	H	200.0	11.7
17868.250000	---	44.44	54.00	9.56	150.0	H	200.0	11.7



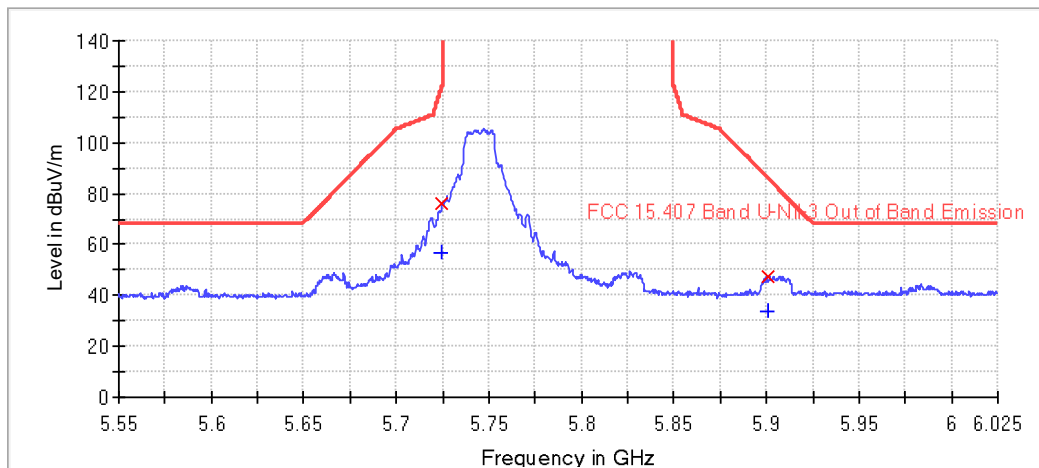
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5719.000000	70.2	43.8	100.0	H	135.0	-3.0	40.3	110.5	66.7	110.5
5901.100000	47.4	33.5	100.0	H	247.0	-2.5	38.4	85.8	52.3	85.8



Critical Freqs

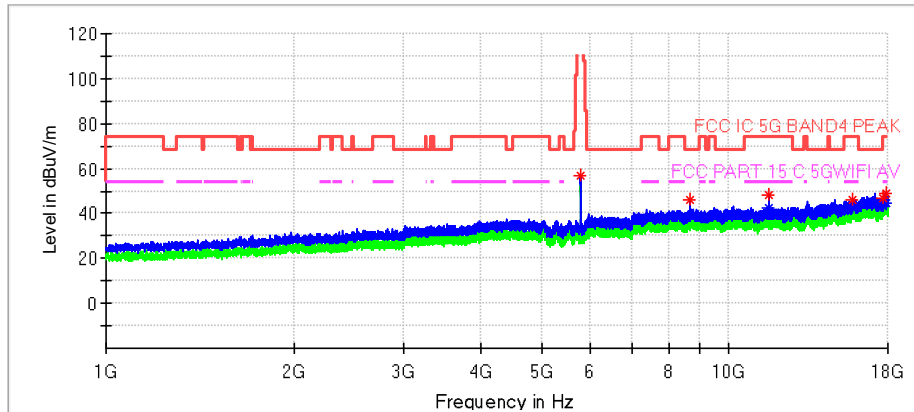
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	48.96	---	---	---	150.0	V	90.0	-2.9
11486.875000	---	40.25	54.00	13.75	150.0	V	331.0	2.9
11486.875000	45.83	---	74.00	28.17	150.0	V	331.0	2.9
17721.093750	48.42	---	74.00	25.58	150.0	V	110.0	11.4
17721.093750	---	43.07	54.00	10.93	150.0	V	110.0	11.4
17874.625000	---	43.13	54.00	10.87	150.0	V	156.0	11.7
17874.625000	47.98	---	74.00	26.02	150.0	V	156.0	11.7



Critical Freqs

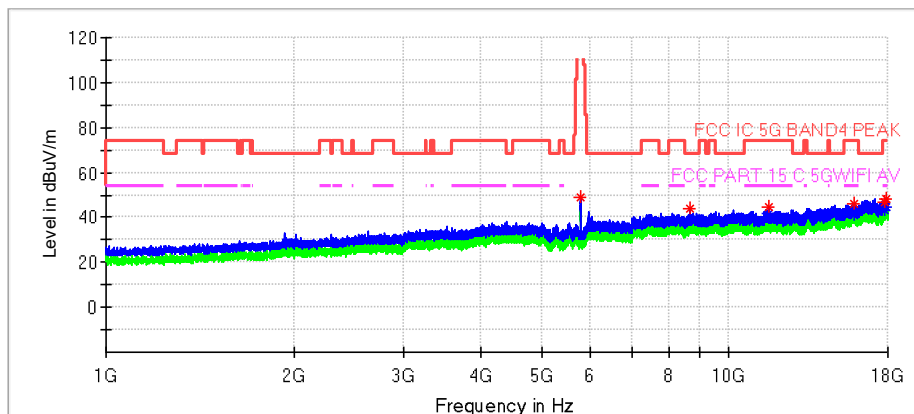
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5724.700000	75.9	56.6	150.0	V	214.0	-2.9	45.6	121.5	64.9	121.5
5901.100000	47.2	33.9	150.0	V	189.0	-2.5	38.6	85.8	51.9	85.8

Frequency: 802.11a 5785MHz



Critical_Freqs

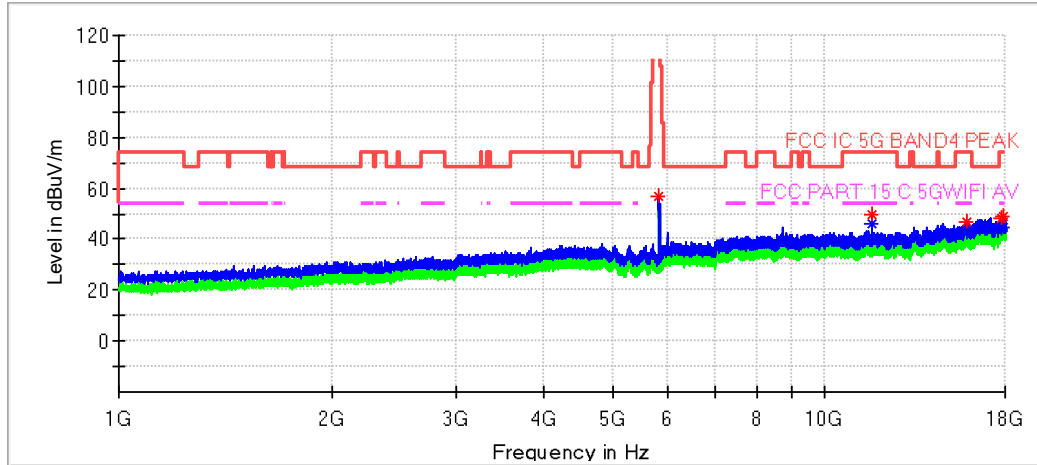
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	57.01	---	---	---	150.0	H	61.0	-2.9
8677.625000	46.13	---	68.20	22.07	150.0	H	157.0	0.5
11573.468750	---	42.46	54.00	11.54	150.0	H	157.0	3.0
11573.468750	48.40	---	74.00	25.60	150.0	H	157.0	3.0
15814.968750	46.23	---	74.00	27.77	150.0	H	196.0	8.1
15816.562500	---	42.12	54.00	11.88	150.0	H	157.0	8.1
17733.312500	46.96	---	74.00	27.04	150.0	H	22.0	11.4
17733.843750	---	43.28	54.00	10.72	150.0	H	0.0	11.4
17883.125000	---	44.78	54.00	9.22	150.0	H	80.0	11.8
17883.125000	49.21	---	74.00	24.79	150.0	H	80.0	11.8



Critical_Freqs

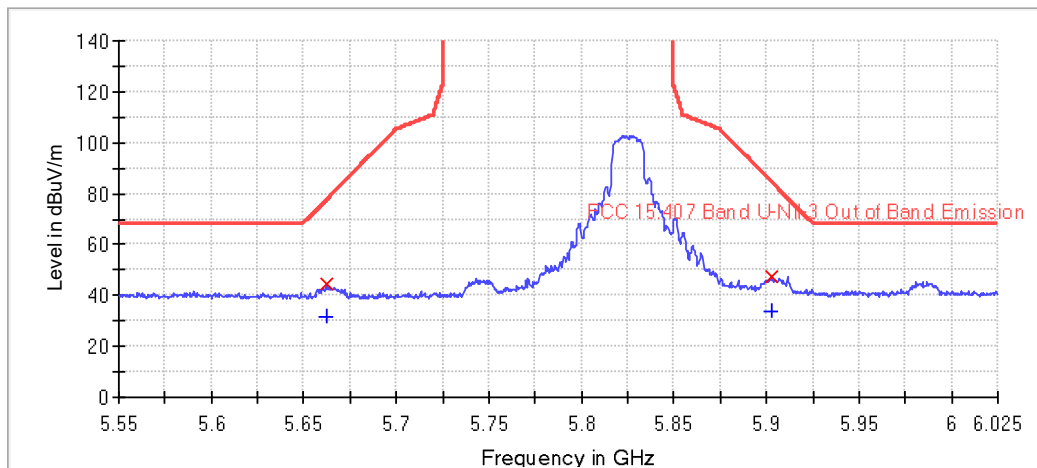
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	49.21	---	---	---	150.0	V	101.0	-2.9
8677.625000	43.61	---	68.20	24.59	150.0	V	48.0	0.5
11569.218750	44.53	---	74.00	29.47	150.0	V	114.0	3.0
11575.593750	---	41.87	54.00	12.13	150.0	V	121.0	3.0
15875.000000	---	41.22	54.00	12.78	150.0	V	355.0	8.2
15875.000000	46.17	---	74.00	27.83	150.0	V	355.0	8.2
17767.843750	46.98	---	74.00	27.02	150.0	V	298.0	11.5
17770.500000	---	43.33	54.00	10.67	150.0	V	61.0	11.5
17921.906250	48.50	---	74.00	25.50	150.0	V	81.0	11.8
17921.906250	---	44.95	54.00	9.05	150.0	V	81.0	11.8

Frequency: 802.11a 5825MHz



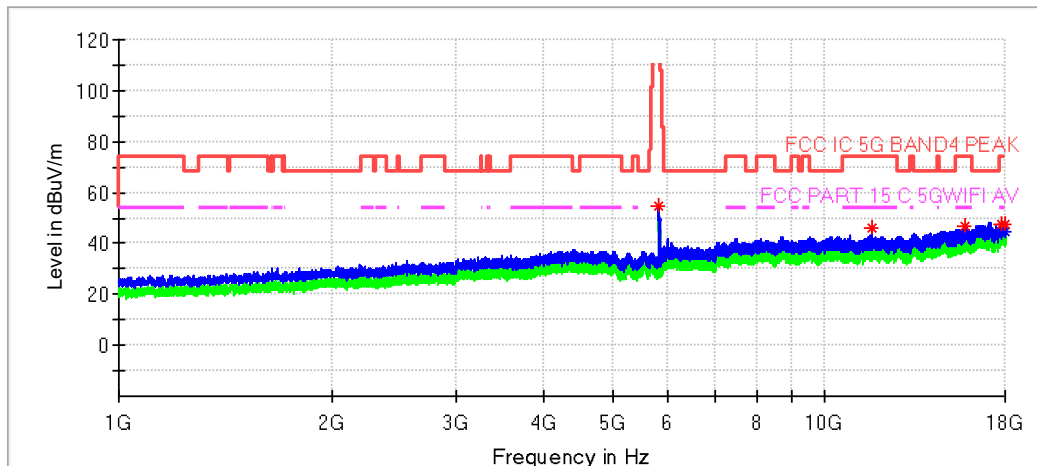
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	57.09	---	---	---	150.0	H	86.0	-2.7
11655.281250	49.79	---	74.00	24.21	150.0	H	158.0	3.0
11655.812500	---	45.84	54.00	8.16	150.0	H	167.0	3.0
15861.718750	---	42.37	54.00	11.63	150.0	H	266.0	8.1
15862.781250	46.57	---	74.00	27.43	150.0	H	10.0	8.1
17788.031250	48.47	---	74.00	25.53	150.0	H	145.0	11.5
17788.031250	---	44.02	54.00	9.98	150.0	H	145.0	11.5
17907.562500	---	44.71	54.00	9.29	150.0	H	293.0	11.8
17908.625000	48.97	---	74.00	25.03	150.0	H	0.0	11.8



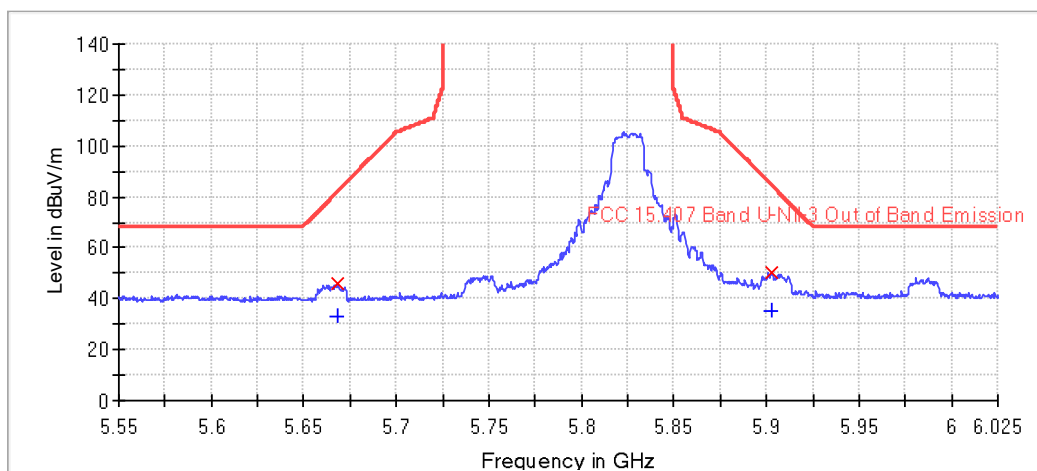
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5662.300000	44.3	31.8	250.0	H	214.0	-3.0	33.0	77.3	45.5	77.3
5902.600000	47.3	33.5	100.0	H	172.0	-2.5	37.4	84.7	51.2	84.7



Critical Freqs

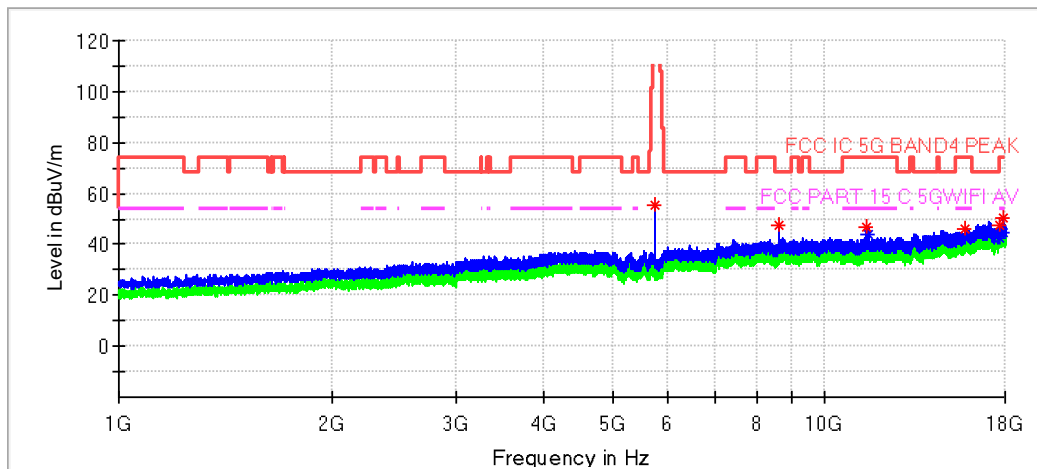
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	54.38	---	---	---	150.0	V	90.0	-2.7
11643.062500	---	40.71	54.00	13.29	150.0	V	33.0	3.0
11643.062500	46.32	---	74.00	27.68	150.0	V	33.0	3.0
15775.656250	46.44	---	74.00	27.56	150.0	V	254.0	8.0
15808.593750	---	43.09	54.00	10.91	150.0	V	169.0	8.1
17742.343750	47.47	---	74.00	26.53	150.0	V	234.0	11.4
17756.687500	---	43.73	54.00	10.27	150.0	V	260.0	11.5
17954.843750	47.54	---	74.00	26.46	150.0	V	272.0	11.9
17962.281250	---	44.37	54.00	9.63	150.0	V	330.0	11.9



Critical Freqs

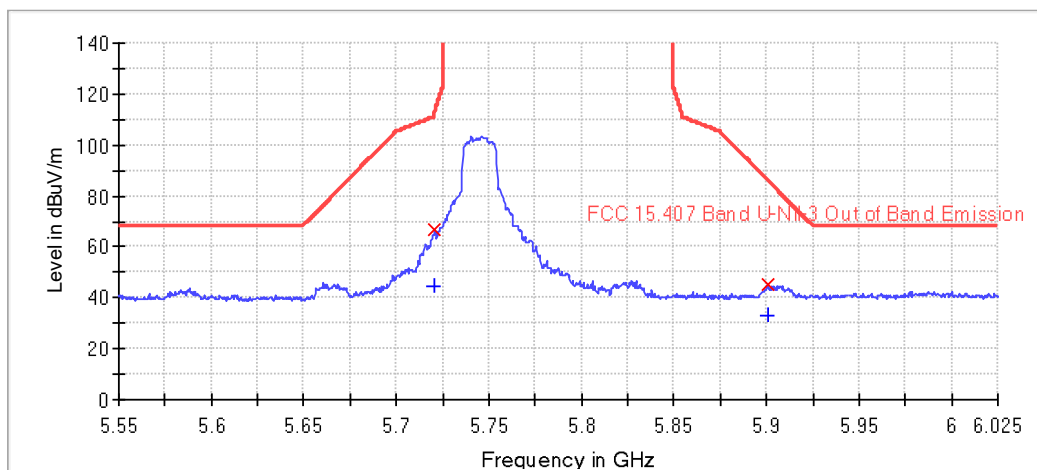
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5668.600000	45.7	33.1	300.0	V	145.0	-3.0	36.3	82.0	48.9	82.0
5902.600000	49.9	35.3	150.0	V	279.0	-2.5	34.8	84.7	49.4	84.7

Frequency: 802.11n20 5745MHz



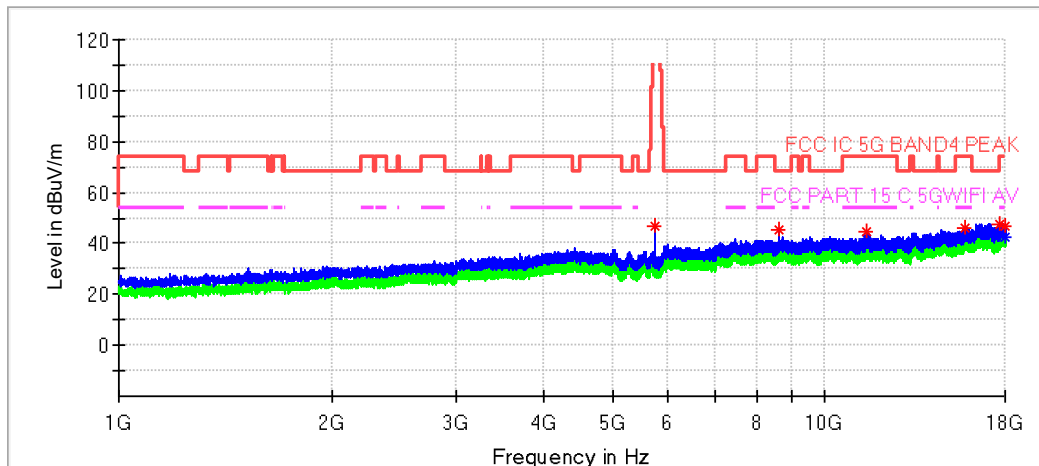
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	55.14	---	---	---	150.0	H	53.0	-2.9
8617.593750	47.28	---	68.20	20.92	150.0	H	169.0	0.4
11486.875000	46.53	---	74.00	27.47	150.0	H	163.0	2.9
11489.000000	---	43.57	54.00	10.43	150.0	H	72.0	2.9
15770.875000	---	42.55	54.00	11.45	150.0	H	355.0	8.0
15775.656250	46.08	---	74.00	27.92	150.0	H	150.0	8.0
17714.718750	---	42.78	54.00	11.22	150.0	H	72.0	11.4
17717.375000	47.22	---	74.00	26.78	150.0	H	355.0	11.4
17850.718750	---	44.68	54.00	9.32	150.0	H	176.0	11.7
17850.718750	50.28	---	74.00	23.72	150.0	H	176.0	11.7



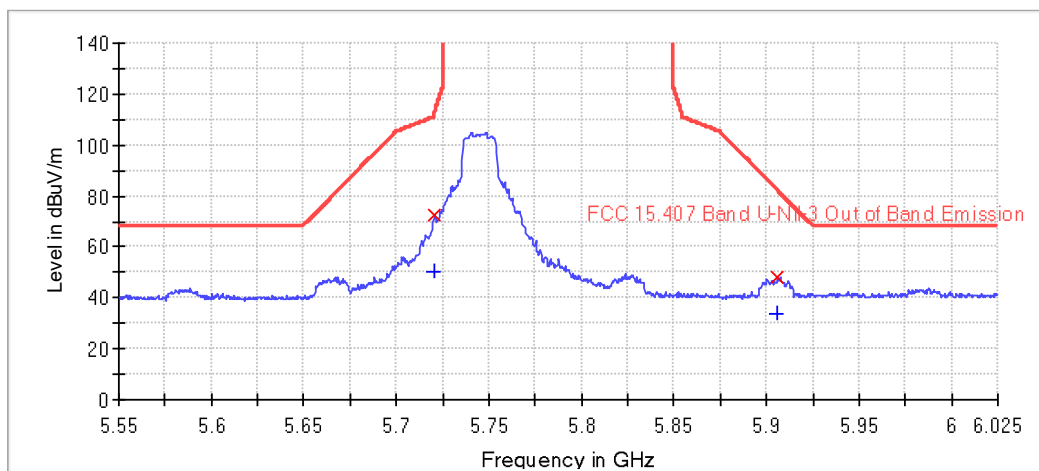
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5720.500000	66.9	44.6	250.0	H	124.0	-3.0	45.0	111.9	67.3	111.9
5900.800000	44.9	32.8	200.0	H	183.0	-2.5	41.2	86.1	53.3	86.1



Critical_Freqs

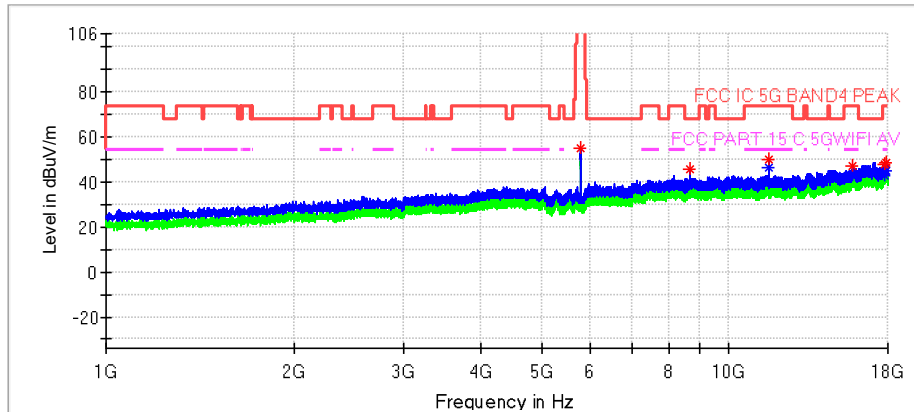
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	46.77	---	---	---	150.0	V	94.0	-2.9
8617.593750	45.06	---	68.20	23.14	150.0	V	80.0	0.4
11486.875000	44.63	---	74.00	29.37	150.0	V	242.0	2.9
11487.937500	---	42.08	54.00	11.92	150.0	V	33.0	2.9
15803.812500	46.01	---	74.00	27.99	150.0	V	80.0	8.1
15879.250000	---	43.00	54.00	11.00	150.0	V	352.0	8.2
17715.250000	47.25	---	74.00	26.75	150.0	V	33.0	11.4
17723.750000	---	43.08	54.00	10.92	150.0	V	358.0	11.4
17980.875000	---	42.47	54.00	11.53	150.0	V	286.0	11.9
17980.875000	47.00	---	74.00	27.00	150.0	V	286.0	11.9



Critical_Freqs

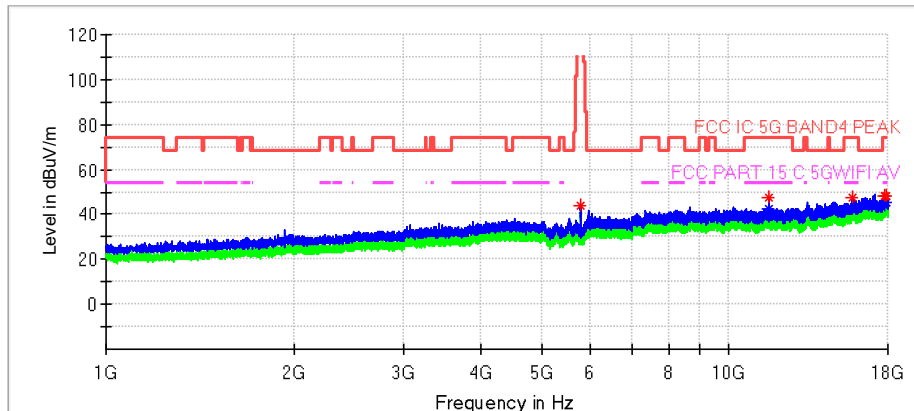
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5720.500000	72.5	50.2	150.0	V	221.0	-3.0	39.4	111.9	61.7	111.9
5906.200000	48.1	33.7	300.0	V	184.0	-2.5	34.0	82.1	48.4	82.1

Frequency: 802.11n20 5785MHz



Critical_Freqs

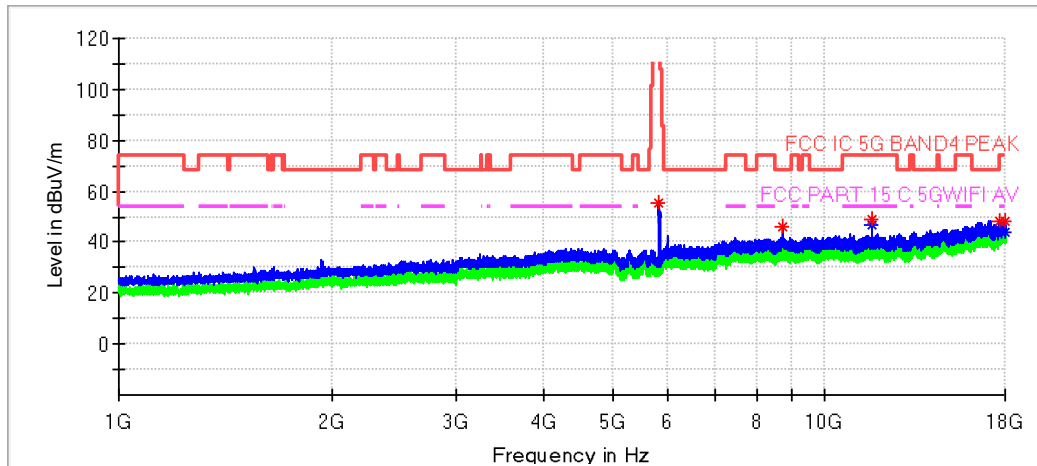
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	54.82	---	---	---	150.0	H	84.0	-2.9
8677.625000	45.94	---	68.20	22.26	150.0	H	176.0	0.5
11570.812500	49.98	---	74.00	24.02	150.0	H	156.0	3.0
11570.812500	---	46.33	54.00	7.67	150.0	H	156.0	3.0
15824.531250	47.13	---	74.00	26.87	150.0	H	65.0	8.1
15824.531250	---	42.90	54.00	11.10	150.0	H	65.0	8.1
17747.125000	---	42.64	54.00	11.36	150.0	H	72.0	11.5
17748.187500	47.67	---	74.00	26.33	150.0	H	98.0	11.5
17902.250000	48.59	---	74.00	25.41	150.0	H	117.0	11.8
17902.250000	---	45.14	54.00	8.86	150.0	H	117.0	11.8



Critical_Freqs

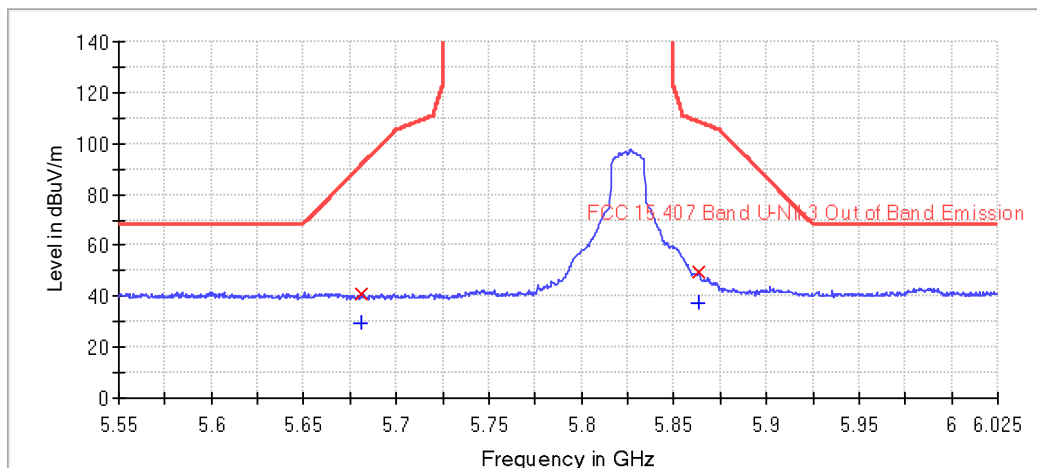
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	43.97	---	---	---	150.0	V	101.0	-2.9
11570.281250	---	42.75	54.00	11.25	150.0	V	33.0	3.0
11570.281250	47.15	---	74.00	26.85	150.0	V	33.0	3.0
15814.968750	47.23	---	74.00	26.77	150.0	V	353.0	8.1
15817.093750	---	42.16	54.00	11.84	150.0	V	340.0	8.1
17827.875000	---	44.17	54.00	9.83	150.0	V	5.0	11.6
17840.093750	48.41	---	74.00	25.59	150.0	V	134.0	11.6
17912.875000	---	45.01	54.00	8.99	150.0	V	353.0	11.8
17939.437500	47.85	---	74.00	26.15	150.0	V	94.0	11.9

Frequency: 802.11n20 5825MHz



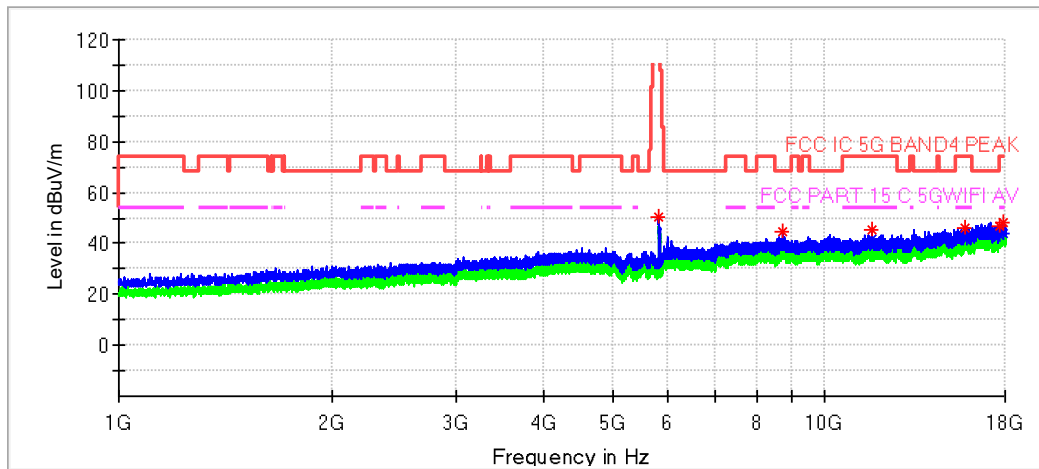
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	55.13	---	---	---	150.0	H	97.0	-2.8
8737.656250	45.86	---	68.20	22.34	150.0	H	171.0	0.6
11647.312500	49.10	---	74.00	24.90	150.0	H	159.0	3.0
11651.031250	---	46.70	54.00	7.30	150.0	H	159.0	3.0
17722.687500	48.21	---	74.00	25.79	150.0	H	72.0	11.4
17743.406250	---	44.25	54.00	9.75	150.0	H	306.0	11.4
17975.031250	---	44.22	54.00	9.78	150.0	H	333.0	11.9
17975.031250	47.94	---	74.00	26.06	150.0	H	333.0	11.9



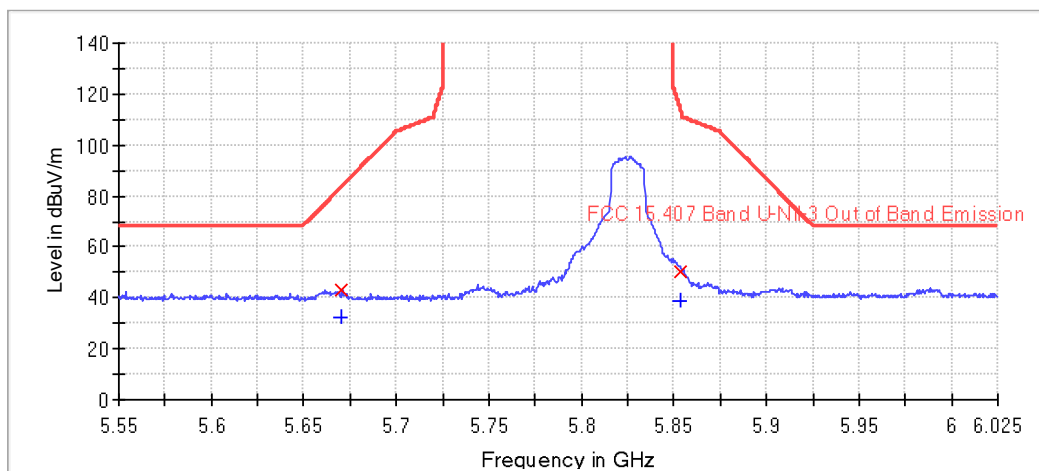
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5681.500000	40.8	29.7	200.0	H	235.0	-3.0	50.7	91.5	61.8	91.5
5863.000000	49.2	37.5	100.0	H	146.0	-2.6	59.4	108.6	71.1	108.6



Critical_Freqs

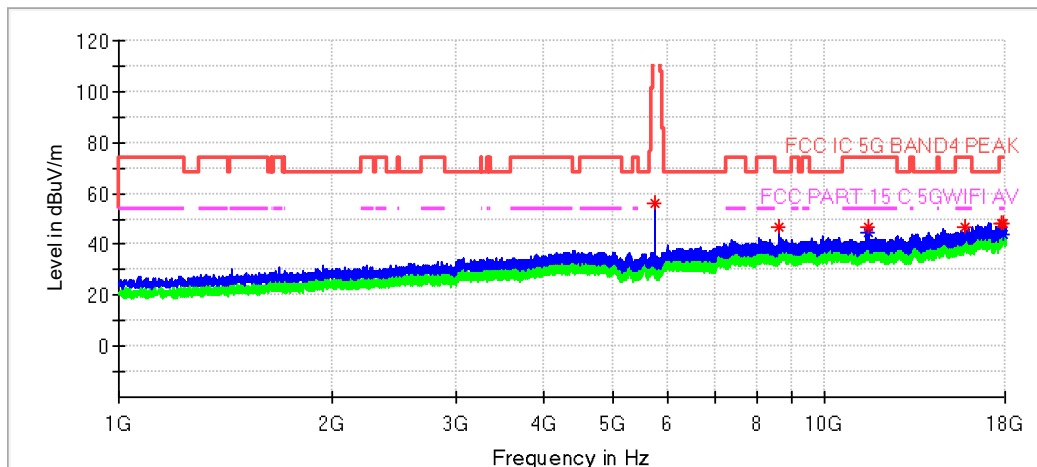
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	50.67	---	---	---	150.0	V	90.0	-2.8
8737.656250	44.59	---	68.20	23.61	150.0	V	239.0	0.6
11649.437500	---	41.88	54.00	12.12	150.0	V	36.0	3.0
11649.437500	45.63	---	74.00	28.37	150.0	V	36.0	3.0
15839.406250	46.31	---	74.00	27.69	150.0	V	123.0	8.1
15845.250000	---	41.47	54.00	12.53	150.0	V	358.0	8.1
17729.062500	46.68	---	74.00	27.32	150.0	V	84.0	11.4
17730.125000	---	43.06	54.00	10.94	150.0	V	2.0	11.4
17846.468750	---	44.08	54.00	9.92	150.0	V	104.0	11.6
17846.468750	48.56	---	74.00	25.44	150.0	V	104.0	11.6



Critical_Freqs

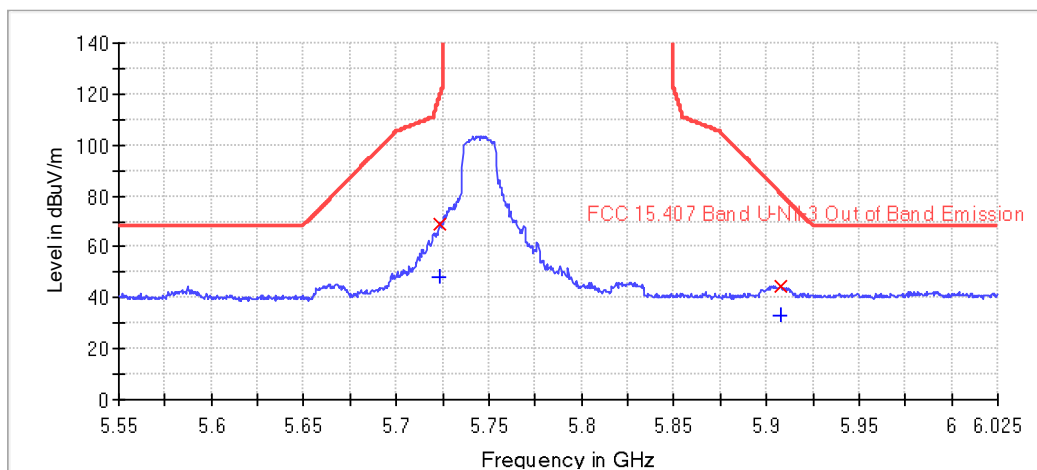
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5670.700000	43.3	32.4	250.0	V	142.0	-3.0	40.3	83.6	51.2	83.6
5854.000000	50.6	38.7	200.0	V	256.0	-2.7	62.5	113.1	74.4	113.1

Frequency: 802.11ac20 5745MHz



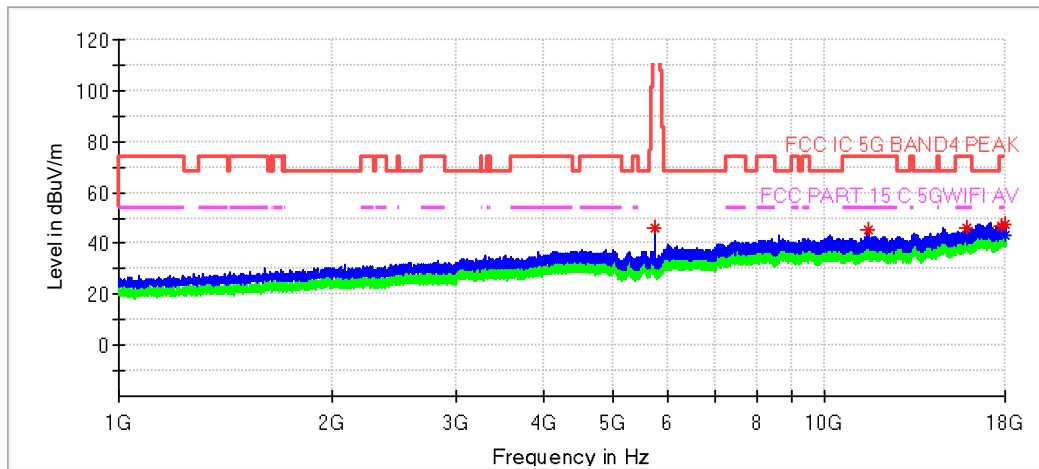
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	55.76	---	---	---	150.0	H	94.0	-2.9
8617.593750	46.68	---	68.20	21.52	150.0	H	170.0	0.4
11489.000000	---	44.35	54.00	9.65	150.0	H	170.0	2.9
11492.718750	46.89	---	74.00	27.11	150.0	H	164.0	2.9
15820.812500	46.82	---	74.00	27.18	150.0	H	113.0	8.1
15821.343750	---	43.01	54.00	10.99	150.0	H	345.0	8.1
17725.343750	---	44.44	54.00	9.56	150.0	H	75.0	11.4
17755.625000	47.98	---	74.00	26.02	150.0	H	250.0	11.5
17888.968750	---	44.24	54.00	9.76	150.0	H	11.0	11.8
17891.625000	48.02	---	74.00	25.98	150.0	H	113.0	11.8



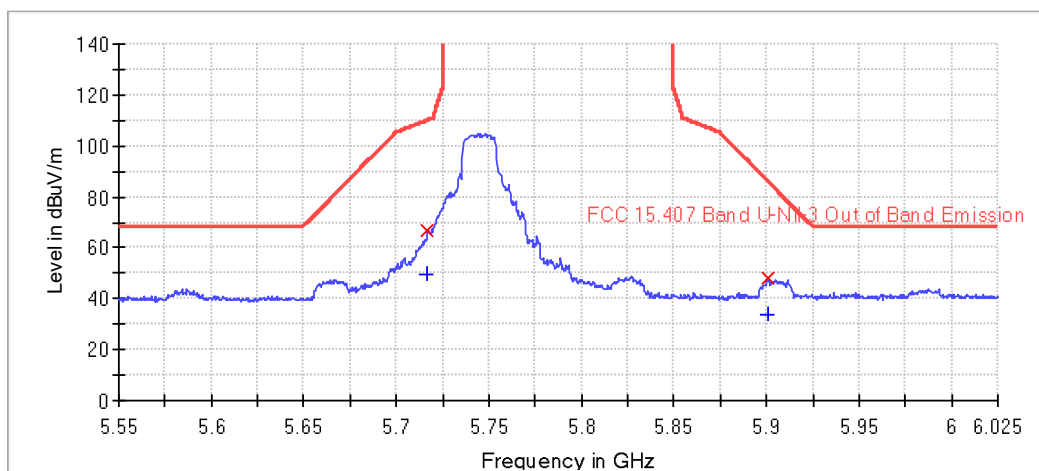
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5723.800000	68.8	48.1	350.0	H	124.0	-2.9	50.7	119.5	71.4	119.5
5907.400000	44.4	33.0	250.0	H	281.0	-2.5	36.8	81.2	48.2	81.2



Critical Freqs

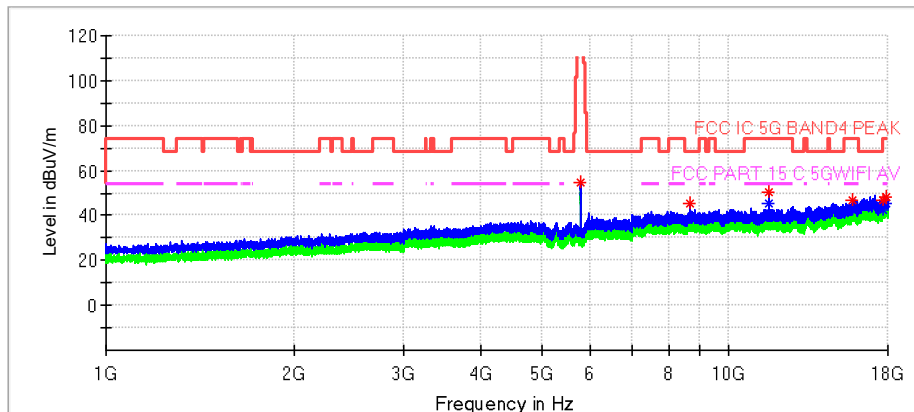
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5745.000000	46.36	---	---	---	150.0	V	86.0	-2.9
11492.187500	45.35	---	74.00	28.65	150.0	V	120.0	2.9
11493.250000	---	41.09	54.00	12.91	150.0	V	120.0	2.9
15867.031250	---	41.49	54.00	12.51	150.0	V	275.0	8.1
15867.562500	45.71	---	74.00	28.29	150.0	V	179.0	8.1
17739.687500	46.61	---	74.00	27.39	150.0	V	354.0	11.4
17739.687500	---	43.99	54.00	10.01	150.0	V	354.0	11.4
17951.125000	47.38	---	74.00	26.62	150.0	V	237.0	11.9
17952.187500	---	43.07	54.00	10.93	150.0	V	146.0	11.9



Critical Freqs

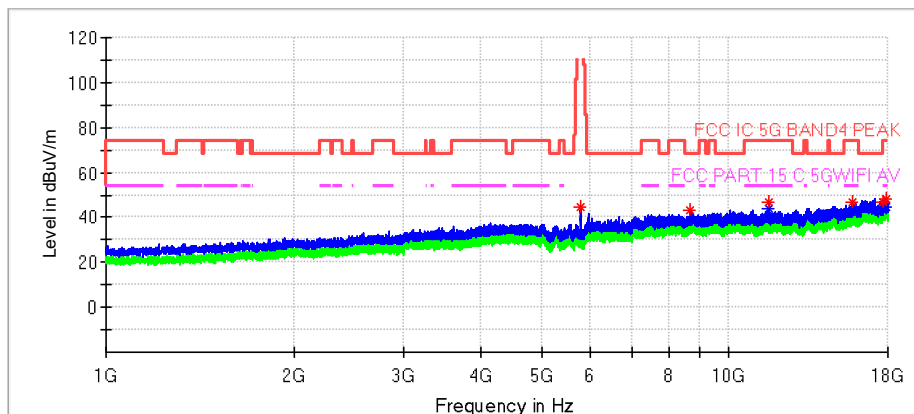
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5716.600000	67.1	49.6	150.0	V	64.0	-3.0	42.7	109.8	60.2	109.8
5901.100000	47.8	33.5	300.0	V	173.0	-2.5	38.0	85.8	52.3	85.8

Frequency: 802.11ac20 5785MHz



Critical_Freqs

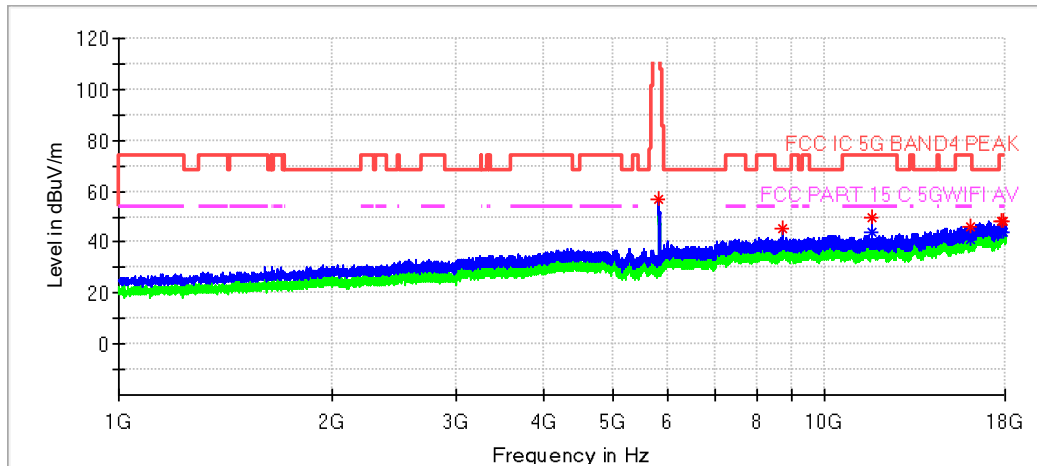
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	54.91	---	---	---	150.0	H	91.0	-2.9
8677.625000	45.48	---	68.20	22.72	150.0	H	168.0	0.5
11568.687500	---	45.01	54.00	8.99	150.0	H	162.0	3.0
11568.687500	50.71	---	74.00	23.29	150.0	H	162.0	3.0
15799.562500	46.61	---	74.00	27.39	150.0	H	104.0	8.1
15801.156250	---	42.49	54.00	11.51	150.0	H	28.0	8.1
17711.531250	46.93	---	74.00	27.07	150.0	H	168.0	11.4
17712.593750	---	42.59	54.00	11.41	150.0	H	305.0	11.4
17878.343750	48.22	---	74.00	25.78	150.0	H	248.0	11.7
17880.468750	---	45.37	54.00	8.63	150.0	H	66.0	11.7



Critical_Freqs

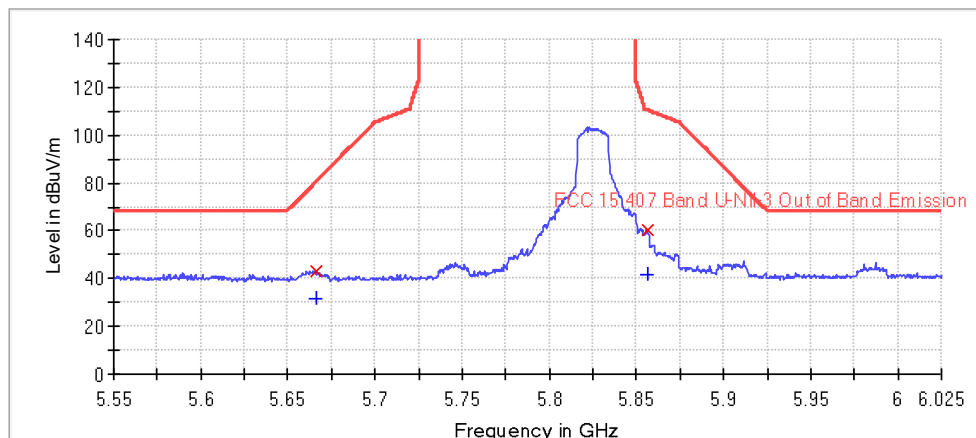
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	44.60	---	---	---	150.0	V	91.0	-2.9
8677.625000	43.31	---	68.20	24.89	150.0	V	224.0	0.5
11576.125000	46.58	---	74.00	27.42	150.0	V	339.0	3.0
11576.125000	---	43.58	54.00	10.42	150.0	V	339.0	3.0
15816.031250	46.57	---	74.00	27.43	150.0	V	345.0	8.1
15828.781250	---	42.73	54.00	11.27	150.0	V	19.0	8.1
17712.593750	46.95	---	74.00	27.05	150.0	V	262.0	11.4
17721.093750	---	43.48	54.00	10.52	150.0	V	230.0	11.4
17894.281250	---	44.41	54.00	9.59	150.0	V	30.0	11.8
17894.281250	48.39	---	74.00	25.61	150.0	V	30.0	11.8

Frequency: 802.11ac20 5825MHz



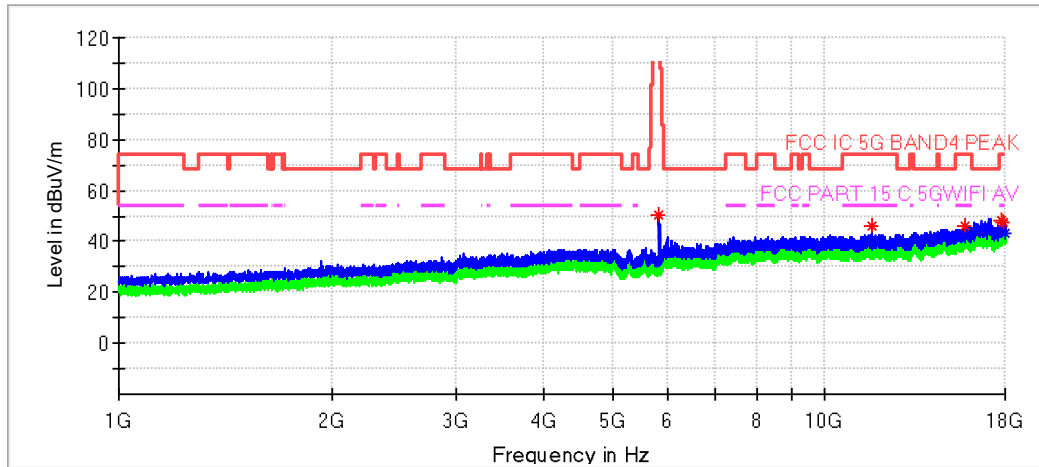
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	56.64	---	---	---	150.0	H	59.0	-2.8
8737.656250	45.49	---	68.20	22.71	150.0	H	44.0	0.6
11656.343750	49.67	---	74.00	24.33	150.0	H	160.0	3.0
11659.000000	---	44.08	54.00	9.92	150.0	H	160.0	3.0
16046.062500	46.14	---	74.00	27.86	150.0	H	135.0	8.8
16054.031250	---	40.88	54.00	13.12	150.0	H	78.0	8.8
17742.343750	48.41	---	74.00	25.59	150.0	H	31.0	11.4
17755.093750	---	43.55	54.00	10.45	150.0	H	167.0	11.5
17774.750000	---	45.30	54.00	8.70	150.0	H	252.0	11.5
17919.250000	---	44.07	54.00	9.93	150.0	H	327.0	11.8
17919.250000	48.28	---	74.00	25.72	150.0	H	327.0	11.8



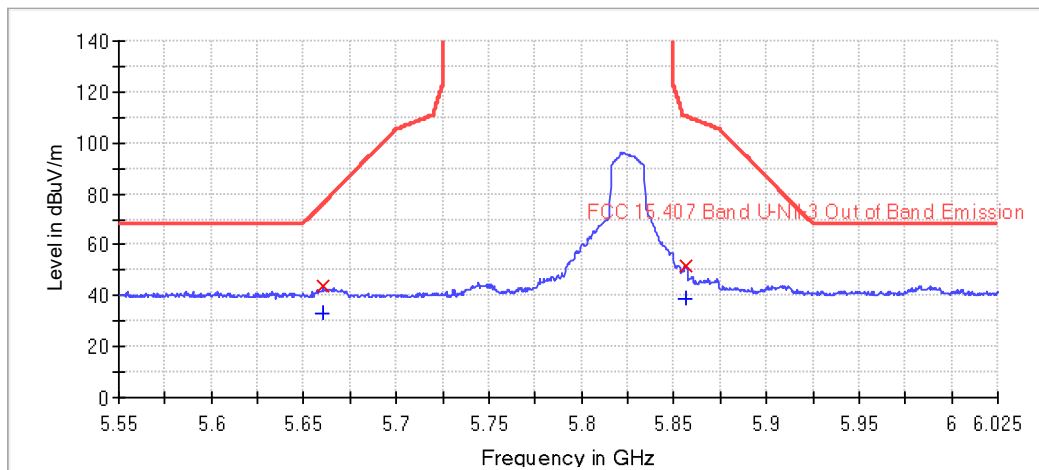
Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5665.900000	43.3	31.9	250.0	H	214.0	-3.0	36.8	80.0	48.1	80.0
5856.400000	60.3	41.6	100.0	H	189.0	-2.7	50.1	110.4	68.8	110.4



Critical Freqs

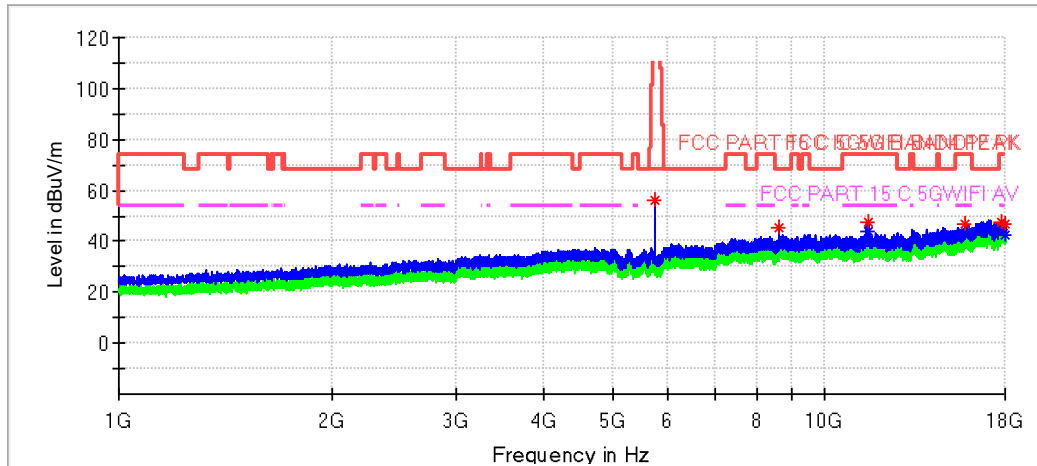
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	50.05	---	---	---	150.0	V	105.0	-2.8
11651.031250	45.70	---	74.00	28.30	150.0	V	217.0	3.0
11653.687500	---	40.93	54.00	13.07	150.0	V	30.0	3.0
15786.281250	46.27	---	74.00	27.73	150.0	V	78.0	8.0
15786.812500	---	41.82	54.00	12.18	150.0	V	111.0	8.0
17793.343750	---	43.67	54.00	10.33	150.0	V	85.0	11.6
17799.718750	48.35	---	74.00	25.65	150.0	V	178.0	11.6
17942.625000	47.24	---	74.00	26.76	150.0	V	210.0	11.9
17949.531250	---	43.39	54.00	10.61	150.0	V	326.0	11.9



Critical Freqs

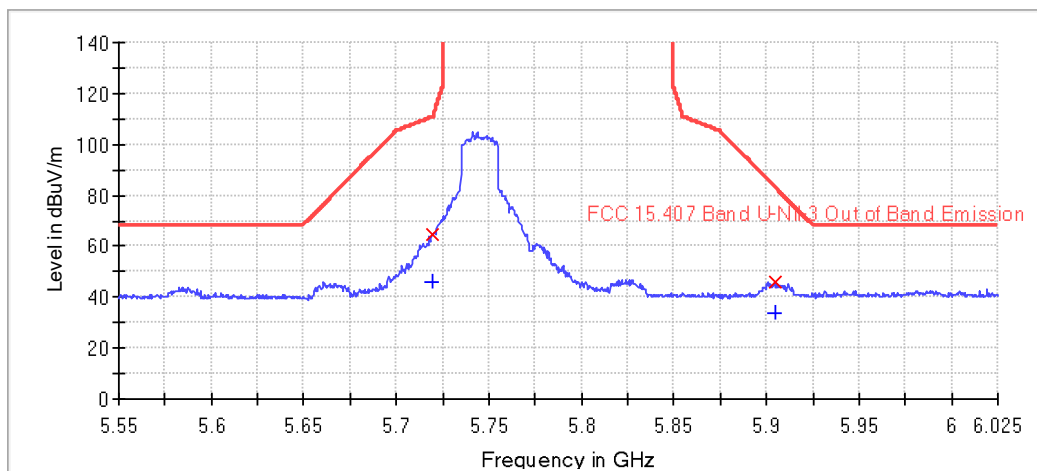
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5660.500000	43.5	33.1	250.0	V	241.0	-3.0	32.5	76.0	42.9	76.0
5856.100000	51.4	38.5	100.0	V	183.0	-2.7	59.1	110.5	72.0	110.5

Frequency: 802.11ax20 5745MHz



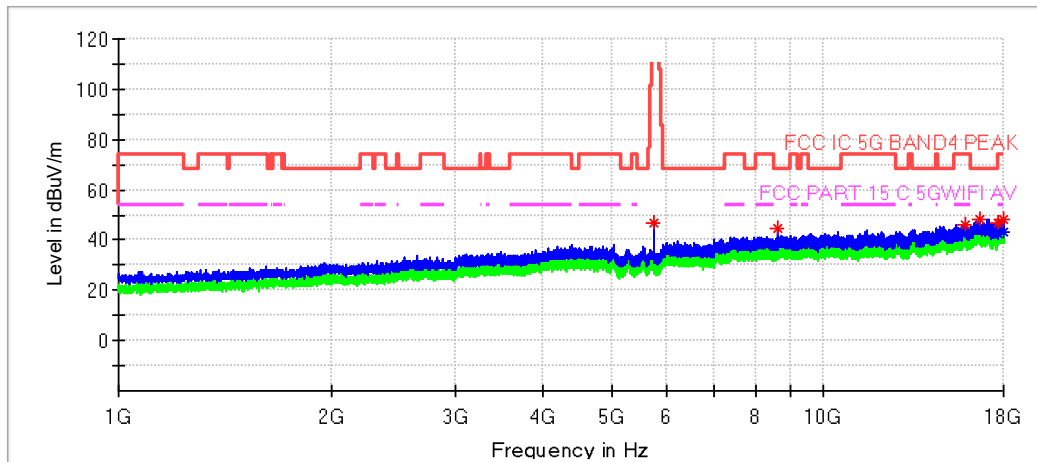
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1332.031250	34.06	---	74.00	39.94	100.0	H	174.0	-18.0
2600.656250	35.04	---	68.20	33.16	100.0	H	212.0	-10.7
3365.125000	38.13	---	68.20	30.07	150.0	H	135.0	-7.4
6462.312500	42.82	---	68.20	25.38	220.0	H	306.0	-0.7
10304.843750	48.45	---	68.20	19.75	330.0	H	284.0	3.0
17100.062500	48.75	---	68.20	19.45	250.0	H	58.0	6.3



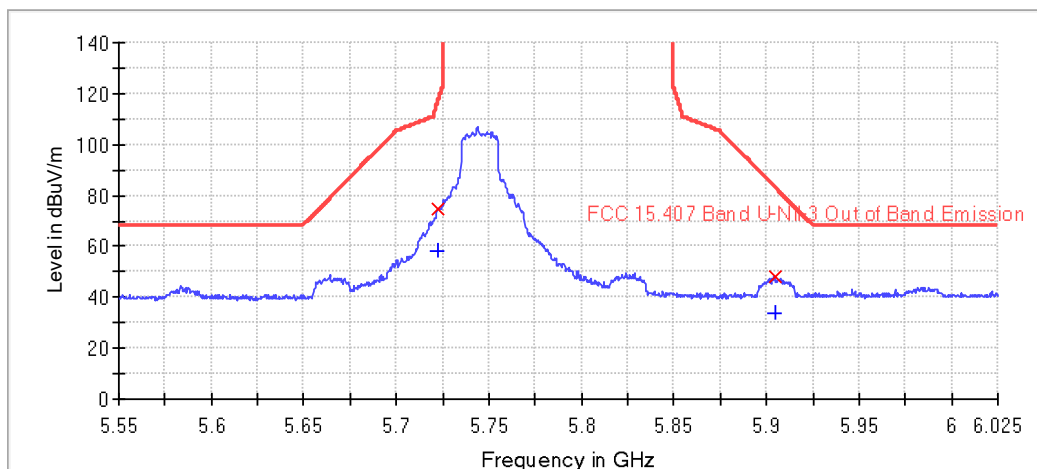
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5719.300000	64.7	45.6	300.0	H	142.0	-3.0	45.9	110.6	65.0	110.6
5904.700000	45.9	33.4	200.0	H	186.0	-2.5	37.3	83.2	49.8	83.2



Critical Freqs

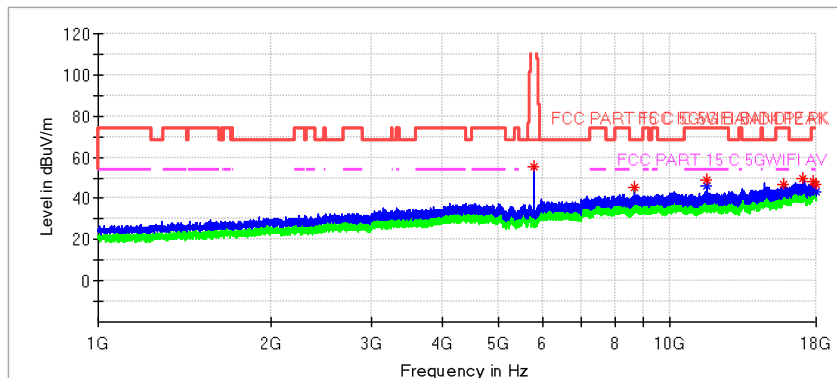
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1332.031250	35.59	---	74.00	38.41	300.0	V	256.0	-18.0
2307.406250	35.02	---	68.20	33.18	150.0	V	314.0	-12.3
3447.468750	39.00	---	68.20	29.20	150.0	V	328.0	-7.3
6424.062500	42.90	---	68.20	25.30	200.0	V	290.0	-0.8
10152.906250	46.92	---	68.20	21.28	220.0	V	165.0	2.9
17130.343750	49.05	---	68.20	19.15	310.0	V	146.0	6.3



Critical Freqs

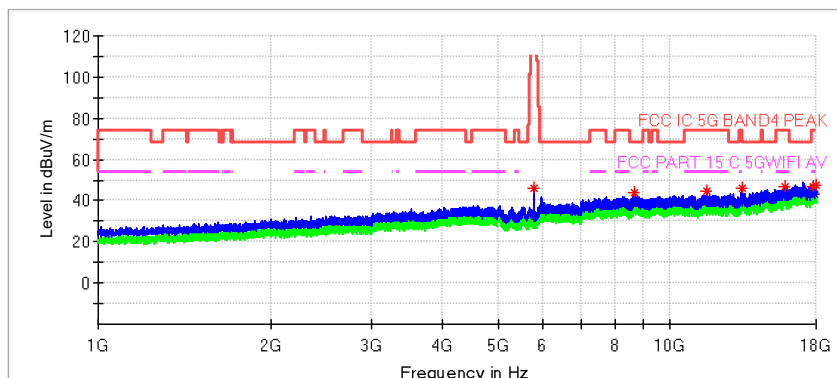
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5722.300000	74.9	58.5	330.0	V	215.0	-3.0	41.1	116.0	57.5	116.0
5904.400000	48.3	34.1	140.0	V	173.0	-2.5	35.1	83.4	49.3	83.4

Frequency: 802.11ax20 5785MHz



Critical_Freqs

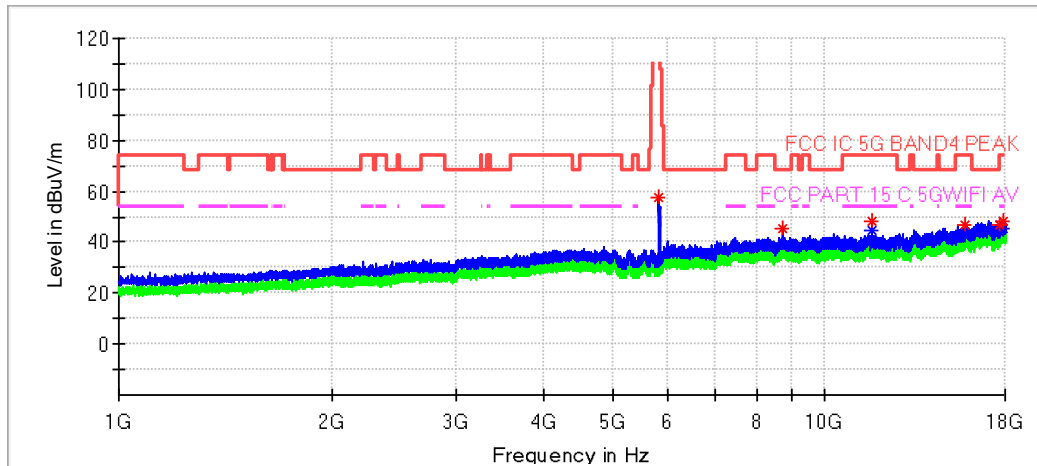
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	55.30	---	68.20	12.90	150.0	H	95.0	-2.9
8677.625000	45.27	---	68.20	22.93	150.0	H	154.0	0.5
11579.312500	49.02	---	74.00	24.98	150.0	H	167.0	3.0
11579.312500	---	45.72	54.00	8.28	150.0	H	167.0	3.0
15834.625000	---	43.85	54.00	10.15	150.0	H	341.0	8.1
15834.625000	46.75	---	74.00	27.25	150.0	H	341.0	8.1
17093.156250	49.56	---	68.20	18.64	150.0	H	50.0	10.5
17740.218750	---	43.65	54.00	10.35	150.0	H	187.0	11.4
17810.343750	48.15	---	74.00	25.85	150.0	H	306.0	11.6
17995.218750	---	43.09	54.00	10.91	150.0	H	259.0	12.0
17995.218750	46.69	---	74.00	27.31	150.0	H	259.0	12.0



Critical_Freqs

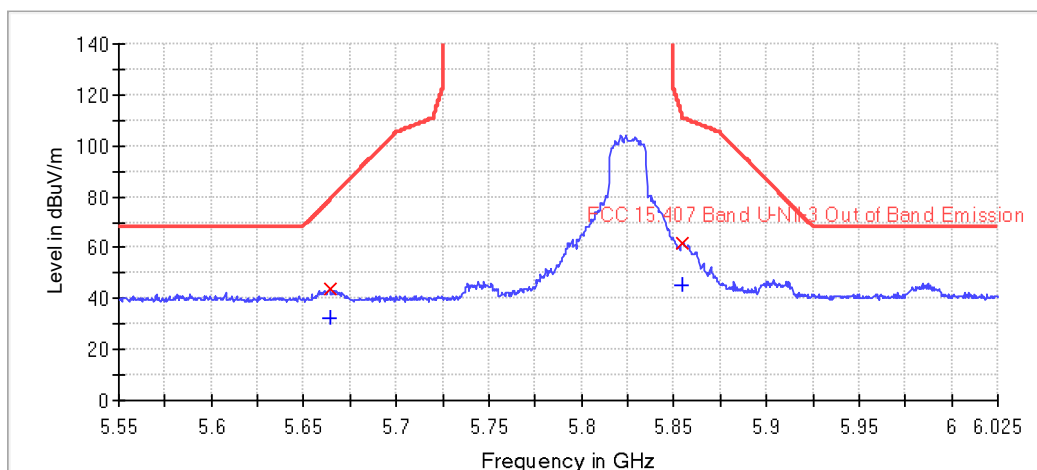
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5785.000000	45.79	---	---	---	150.0	V	88.0	-2.9
8677.625000	43.79	---	68.20	24.41	150.0	V	81.0	0.5
11562.312500	44.48	---	74.00	29.52	150.0	V	338.0	3.0
11569.218750	---	41.02	54.00	12.98	150.0	V	121.0	3.0
13382.906250	45.75	---	74.00	28.25	150.0	V	350.0	4.1
13385.562500	---	39.27	54.00	14.73	150.0	V	307.0	4.1
15886.156250	46.60	---	74.00	27.40	150.0	V	67.0	8.2
15886.687500	---	42.24	54.00	11.76	150.0	V	359.0	8.2
17743.937500	47.05	---	74.00	26.95	150.0	V	174.0	11.4
17757.218750	---	43.60	54.00	10.40	150.0	V	154.0	11.5
17939.968750	---	43.46	54.00	10.54	150.0	V	12.0	11.9
17949.531250	47.24	---	74.00	26.76	150.0	V	325.0	11.9

Frequency: 802.11ax20 5825MHz



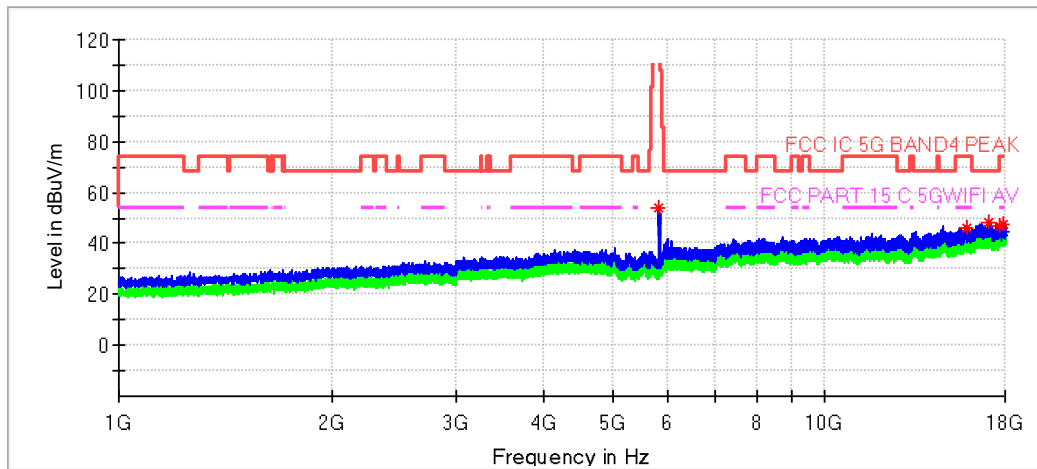
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	57.81	---	---	---	150.0	H	87.0	-2.7
8737.656250	45.44	---	68.20	22.76	150.0	H	41.0	0.6
11645.187500	---	44.46	54.00	9.54	150.0	H	152.0	3.0
11646.250000	47.87	---	74.00	26.13	150.0	H	158.0	3.0
15832.500000	46.60	---	74.00	27.40	150.0	H	127.0	8.1
15836.750000	---	42.70	54.00	11.30	150.0	H	158.0	8.1
17706.218750	---	44.12	54.00	9.88	150.0	H	290.0	11.4
17718.437500	46.80	---	74.00	27.20	150.0	H	340.0	11.4
17891.093750	---	45.54	54.00	8.46	150.0	H	53.0	11.8
17935.718750	48.34	---	74.00	25.66	150.0	H	197.0	11.9



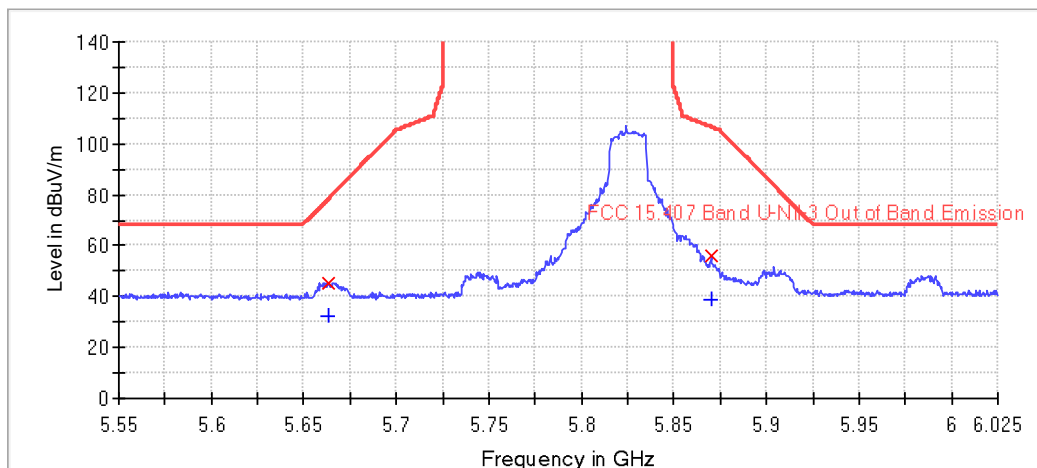
Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5664.100000	43.5	32.6	330.0	H	251.0	-3.0	35.2	78.7	46.1	78.7
5854.300000	61.9	45.1	150.0	H	139.0	-2.7	50.5	112.4	67.3	112.4



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5825.000000	54.21	---	---	---	150.0	V	90.0	-2.7
15874.468750	45.86	---	74.00	28.14	150.0	V	202.0	8.2
15876.062500	---	43.30	54.00	10.70	150.0	V	104.0	8.2
17071.906250	47.95	---	68.20	20.25	150.0	V	221.0	10.4
17729.593750	46.71	---	74.00	27.29	150.0	V	273.0	11.4
17760.406250	---	43.50	54.00	10.50	150.0	V	357.0	11.5
17919.250000	---	44.37	54.00	9.63	150.0	V	137.0	11.8
17919.250000	47.72	---	74.00	26.28	150.0	V	137.0	11.8



Critical Freqs

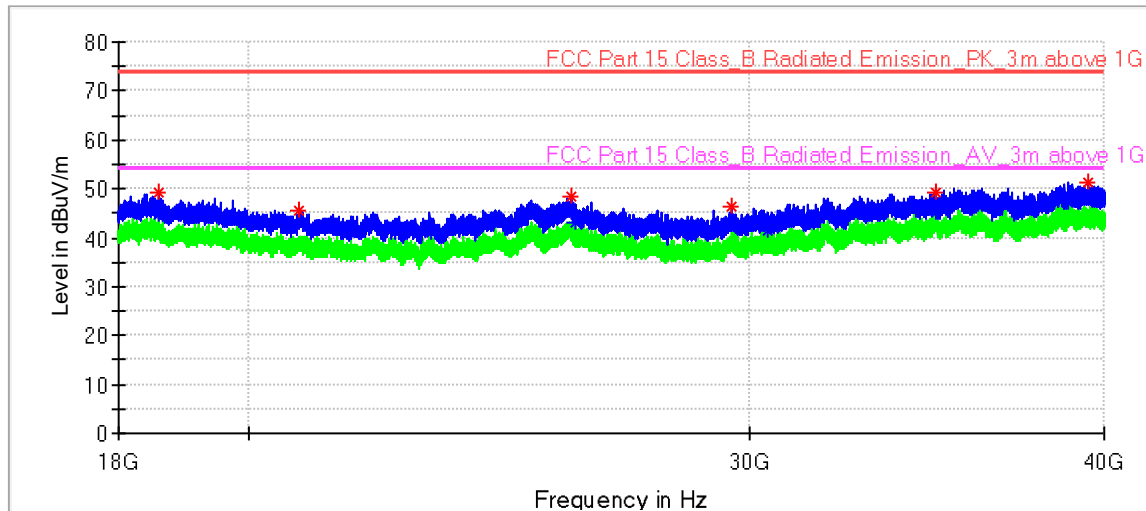
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBuV/m)	Margin - RMS (dB)	Limit - RMS (dBuV/m)
5662.900000	45.5	32.3	350.0	V	145.0	-3.0	32.3	77.8	45.5	77.8
5870.200000	55.7	38.6	210.0	V	168.0	-2.6	50.8	106.5	67.9	106.5

Remark:

- (1) Emission level= Original Receiver Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (3) Margin = limit – Corrected Reading

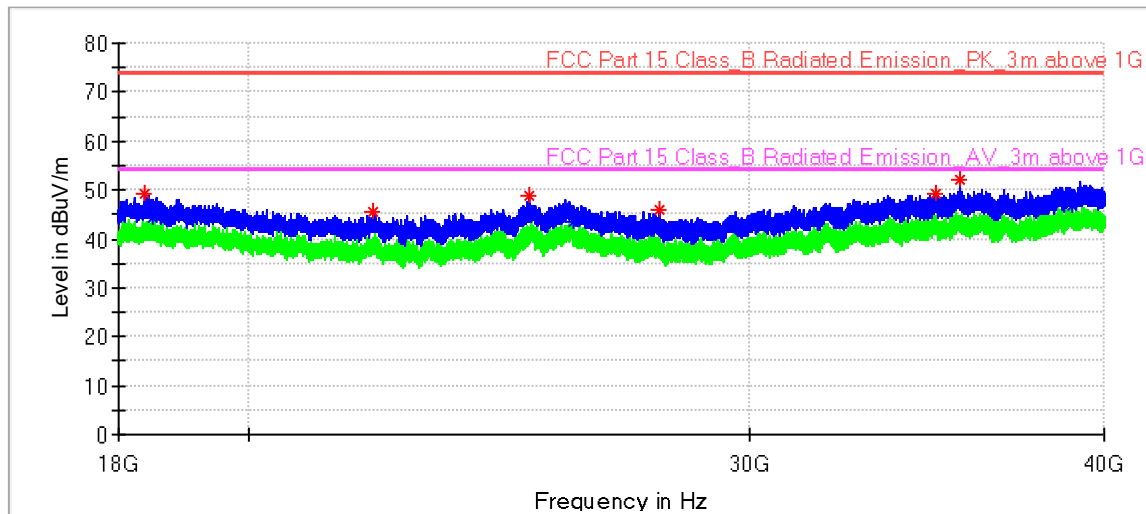
The worst case of Radiated Emission Above 18GHz

Frequency: 802.11ax 5785MHz



Critical Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18585.750000	49.18	---	74.00	24.82	100.0	H	193.0	8.1
18585.750000	---	44.67	54.00	9.33	100.0	H	193.0	8.1
20840.062500	45.50	---	74.00	28.50	100.0	H	312.0	8.5
23180.312500	---	41.15	54.00	12.85	100.0	H	242.0	8.9
25981.875000	48.46	---	74.00	25.54	100.0	H	327.0	9.7
26063.687500	---	43.11	54.00	10.89	100.0	H	163.0	9.6
29596.062500	46.44	---	74.00	27.56	100.0	H	169.0	9.9
30442.375000	---	41.59	54.00	12.41	100.0	H	163.0	10.2
34886.375000	49.14	---	74.00	24.86	100.0	H	19.0	12.2
34908.375000	---	45.30	54.00	8.70	100.0	H	333.0	12.3
38858.750000	---	47.20	54.00	6.80	100.0	H	66.0	13.4
39508.437500	51.12	---	74.00	22.88	100.0	H	242.0	13.7



Critical_Freqs

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18375.375000	49.06	---	74.00	24.94	100.0	V	1.0	8.1
18510.125000	---	44.18	54.00	9.82	100.0	V	2.0	8.1
22111.250000	45.67	---	74.00	28.33	100.0	V	75.0	8.8
22754.062500	---	41.26	54.00	12.74	100.0	V	295.0	8.9
25103.250000	48.82	---	74.00	25.18	100.0	V	355.0	9.1
26006.625000	---	43.62	54.00	10.38	100.0	V	81.0	9.7
27763.875000	---	41.69	54.00	12.31	100.0	V	224.0	9.4
27880.062500	46.10	---	74.00	27.90	100.0	V	81.0	9.4
34704.187500	---	45.01	54.00	8.99	100.0	V	175.0	12.0
34902.875000	49.34	---	74.00	24.66	100.0	V	63.0	12.3
35589.687500	52.06	---	74.00	21.94	100.0	V	116.0	12.8
38974.250000	---	46.73	54.00	7.27	100.0	V	69.0	13.4

Remark:

- (1) Emission level= Original Receiver Reading + Correct Factor
- (2) Correct Factor = Antenna Factor + Cable Loss -Amplifier gain
- (3) Margin = limit – Corrected Reading

11 Test Equipment List

List of Test Instruments
Test Site1

	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DATE	CAL. DUE DATE
C	Signal spectrum analyzer	Agilent	N9020B	MY59050168	2026-2-24	2027-2-23
	RF automatic control unit	MWRFTest	MW100-RFCB	MW211122-28	2025-10-9	2026-10-8
	RF_Cable	UCWAVE ELECTRONIC	UCA500-NJWSM-1.5M	---	2025-8-1	2026-7-31
	Temperature Chamber	Shanghai HUCAN	HTT-100AP	HT02002SN2 2D	2025-11-3	2026-11-2
RE	EMI Test Receiver	Rohde & Schwarz	ESR3	101906	2025-8-1	2026-7-31
	Signal Analyzer	Rohde & Schwarz	FSV40	101091	2025-8-1	2026-7-31
	Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9168	961	2026-6-25	2027-6-24
	Double-ridged waveguide horn antenna	Rohde & Schwarz	HF907	102393	2026-4-14	2027-4-13
	Pre-amplifier	Shenzhen HzEMC	HPA-081843	HYP A23026	2026-4-14	2027-4-13
	Loop antenna	Rohde & Schwarz	HFH2-Z2	100443	2026-6-25	2027-6-24
	Double Ridged Horn Antenna	ETS-Lindgren	3116C	00222727	2026-6-25	2027-6-24
	RE_Cable_01 Coaxial Cable	JUNFLON	MWX221	1906S057	2025-8-1	2026-7-31
	RE_Cable_02 Coaxial Cable	HUBER+SUHNER	RG214	1358176	2025-8-1	2026-7-31
	RE_Cable_03 Coaxial Cable	JUNFLON	MWX221	J12J102482	2025-8-1	2026-7-31
	RE_Cable_04 Coaxial Cable	PASTERNAK	PE360	2233	2025-8-1	2026-7-31
	3m Semi-anechoic chamber	TDK	9X6X6	----	2024-5-8	2027-5-7

Measurement Software Information			
Test Item	Software	Manufacturer	Version
C	MTS 8310	MWRFTest	3.0.0.0
RE	EMC 32	Rohde & Schwarz	V10.50.40

C - Conducted RF tests

- Conducted peak output power
- 6dB Occupied Bandwidth
- Power spectral density*



12 System Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 were:

Items	Extended Uncertainty
Conducted Disturbance at Mains Terminals	150kHz to 30MHz, LISN, 3.16dB
Radiated Disturbance	9kHz to 30MHz, 3.52dB 30MHz to 1GHz, 5.03dB (Horizontal) 5.12dB (Vertical) 1GHz to 18GHz, 5.49dB 18GHz to 40GHz, 5.63dB
RF Conducted Measurement	Power related: 1.16dB Frequency related: 6.00×10^{-3}

Measurement Uncertainty Decision Rule:

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2023, clause 4.3.3.



13 Photographs of Test Set-ups

Refer to the < Test Setup photos >.



14 Photographs of EUT

Refer to the < External Photos > & < Internal Photos >.

THE END