



FCC - TEST REPORT

Report Number : **709502606891-00C** Date of Issue: October 16, 2026

Model : T7-M

Product Type : Wi-Fi and Bluetooth Module

Applicant : Hangzhou Tuya Information Technology Co.,Ltd

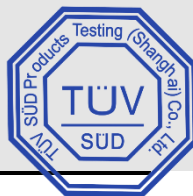
Address : Room 301,Building 1,Huace Center,Xihu District,
Hangzhou,Zhejiang, China

Manufacturer : Hangzhou Tuya Information Technology Co.,Ltd

Address : Room 301,Building 1,Huace Center,Xihu District,
Hangzhou,Zhejiang, China

Test Result : ☒ Positive ☐ Negative

Total pages including
Appendices : 129



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1 Table of Contents

1	Table of Contents.....	2
2	Report Modification Record.....	3
3	Details about the Test Laboratory	4
4	Description of the Equipment under Test.....	5
5	Summary of Test Standards.....	8
6	Summary of Test Results	9
7	General Remarks.....	10
8	Test Setups.....	11
9	Systems test configuration	14
10	Technical Requirement.....	16
10.1	Conducted Emission.....	16
10.2	Emission bandwidth.....	19
10.3	Maximum conducted output power	21
10.4	Maximum power spectral density	22
10.5	Frequencies Stability.....	23
10.6	Spurious radiated emissions for transmitter	24
11	Test Equipment List	125
12	System Measurement Uncertainty.....	127
13	Photographs of Test Set-ups.....	128
14	Photographs of EUT	129



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.

Report No.	Description of Change	Date of Issue
709502606891-00C	First Issue	Oct.16, 2026



3 Details about the Test Laboratory

Details about the Test Laboratory

Test Site 1

Company name: TÜV SÜD Products Testing (Shanghai) Co., Ltd.
1F, No.16, Lane 1951 Duhui Road, Shanghai, 201108,
People's Republic of 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:	Wi-Fi and Bluetooth Module
Model no.:	T7-M
FCC ID:	2ANDL-T7M
Options and accessories:	N/A
Rating:	DC 2.2~3.6V, Normal: DC 3.3V
RF Transmission Frequency:	For Bluetooth:2402~2480MHz For 2.4G Wi-Fi:802.11b/g/n-HT20/ax(HE20): 2412~2462 MHz 802.11n-HT40: 2422~2452 MHz For 5G Wi-Fi:5180~5240 MHz (U-NII-1) 5260~5320 MHz (U-NII-2A) 5500~5720 MHz (U-NII-2C) 5745~5825 MHz (U-NII-3)
No. of Operated Channel:	40 channels for Bluetooth 5.0 BLE

Bluetooth Low Energy							
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

2.4GHz WIFI: 11 for 802.11b/802.11g/802.11(H20);
7 for 802.11n(HT40)

802.11b/g/n(HT20)				802.11n(HT40)			
Ch	Fre(MHz)	Ch	Fre(MHz)	Ch	Fre(MHz)	Ch	Fre(MHz)
1	2412	7	2442	3	2422	8	2447MHz
2	2417	8	2447	4	2427	9	2452MHz
3	2422	9	2452	5	2432		
4	2427	10	2457	6	2437		
5	2432	11	2462	7	2442		
6	2437						

5180~5240 MHz (U-NII-1):

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac VHT20, 802.11ax HE20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
40	5200	48	5240

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230

5260~5320 MHz (U-NII-2A)

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac VHT20, 802.11ax HE20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
56	5280	64	5320

2 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270	62	5310

5500~5720 MHz (U-NII-2C)

12 channels are provided for 802.11a, 802.11n (HT20), 802.11ac VHT20, 802.11ax HE20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	140	5700
120	5600	144	5720

6 channels are provided for 802.11n (HT40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510	126	5630
110	5550	134	5670
118	5590	142	5710

5745~5825 MHz (U-NII-3): Channel 149 – 165

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac VHT20, 802.11ax HE20:

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

2 channels are provided for 802.11n (HT40)

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



Modulation:	Bluetooth 6.0: GFSK For Wi-Fi: Direct Sequence Spread Spectrum (DSSS) for 802.11b; Orthogonal Frequency Division Multiplexing (OFDM) for 802.11a/g/n/ac; Orthogonal Frequency Division Multiple Access (OFDMA) for 802.11ax
Data speed:	1. Bluetooth: 1Mbps, 2Mbps, 125Kbps, 500Kbps 2. Wi-Fi: 11b 1 ~ 11Mbps, 11a/g 6 ~ 54Mbps, 11n HT 20 6.5 ~ 65Mbps, 11n HT 40 13.5 ~ 135Mbps 11ac (VHT20) 6.5 ~ 86.7Mbps 11 ax (HE20) 8.6 ~ 143.4Mbps
Hardware Version:	V102
Software Version:	V3.5.0
Antenna Type:	Ceramic Antenna
Antenna Gain:	0.98dBi for 2.4GHz 0.92dBi for 5.0GHz
Description of the EUT:	The Equipment Under Test (EUT) is a Wi-Fi and Bluetooth Module which supports 2.4GHz & 5GHz Wi-Fi and Low Energy Bluetooth. This report is only for 5GHz Wi-Fi.
Test sample no.:	SHA-1064638-1 (Radiated sample) SHA-1064638-2 (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 905462 D02 UNII DFS Compliance Procedures New Rules v02
KDB 905462 D03 Client Without DFS New Rules v01r02
ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of
Unlicensed Wireless Devices



6 Summary of Test Results

Technical Requirements					
FCC Part 15 Subpart E, RSS-247 Issue 4/RSS-Gen Issue 5					
Test Condition		Test Site	Test Result		
			Pass	Fail	N/A
§15.207	Conducted emission AC power port	--	☒	☐	☐
§15.407(a), (e)	Emission bandwidth	Site 1	☒	☐	☐
15.407(a)(1)(3)	Maximum Conducted Output Power & EIRP	Site 1	☒	☐	☐
15.407(a)(1)(3)	Maximum Power Spectral Density	Site 1	☒	☐	☐
§15.407(g)	Frequencies Stability	Site 1	☒	☐	☐
§15.407(b)(1), 15.407(b)(8), 15.407(b)(4), 15.407(b)(9), 15.209	Unwanted Emissions	Site 1	☒	☐	☐
§15.203	Antenna requirement	See note 1	☒	☐	☐

Remark 1: N/A – Not Applicable. Conducted emission is not apply for battery operated device.

Note 1: The EUT uses a Ceramic Antenna, which gain is 0.98dBi for 2.4GHz and 0.92dBi for 5.0GHz, it is considered sufficiently to comply with the provisions of this section.



7 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID:2ANDL-T7M, complies with Section 15.207, 15.205, 15.209 of the FCC Part 15, Subpart C Rules. And 15.407 of the FCC Part 15, Subpart E Rules.

This report is only for 5GHz Wi-Fi.

For 2.4GHz BLE report, refer to report No. 709502606891-00A.

For 2.4GHz Wi-Fi report, refer to report No. 709502606891-00B.

SUMMARY:

All tests according to the regulations cited on page 6 were

■ - Performed

□ - **Not** Performed

The Equipment under Test

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

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

Sample Received Date: August 18, 2026

Testing Start Date: August 20, 2026

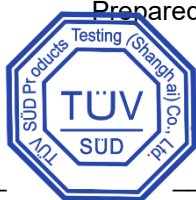
Testing End Date: October 14, 2026

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

Reviewed by:

Hui TONG
Review Engineer

Prepared by:



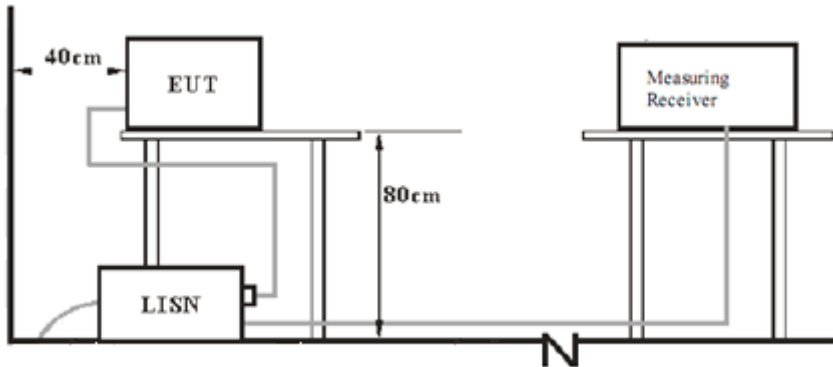
Jiaxi XU
Project Engineer

Tested by:

Chengjie GUO
Test Engineer

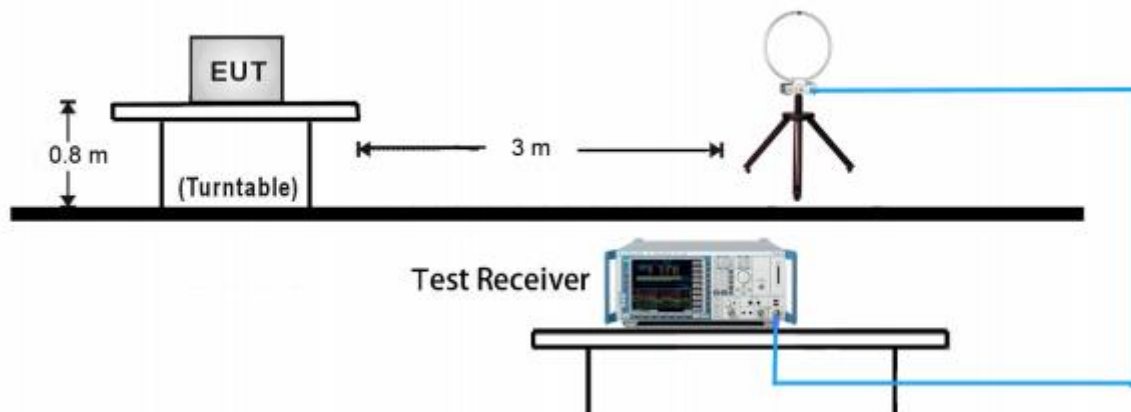
8 Test Setups

8.1 AC Power Line Conducted Emission test setups

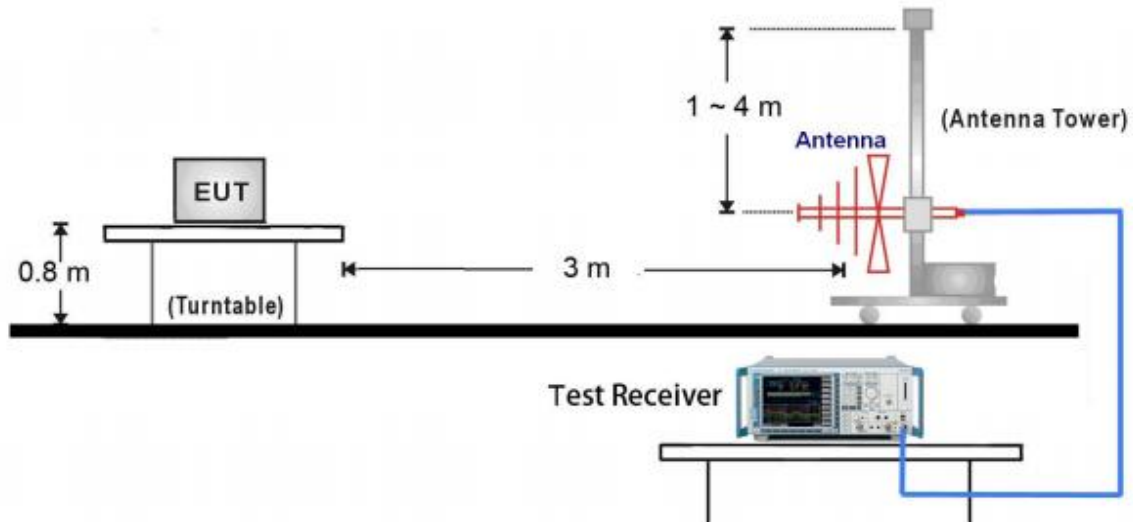


8.2 Radiated test setups

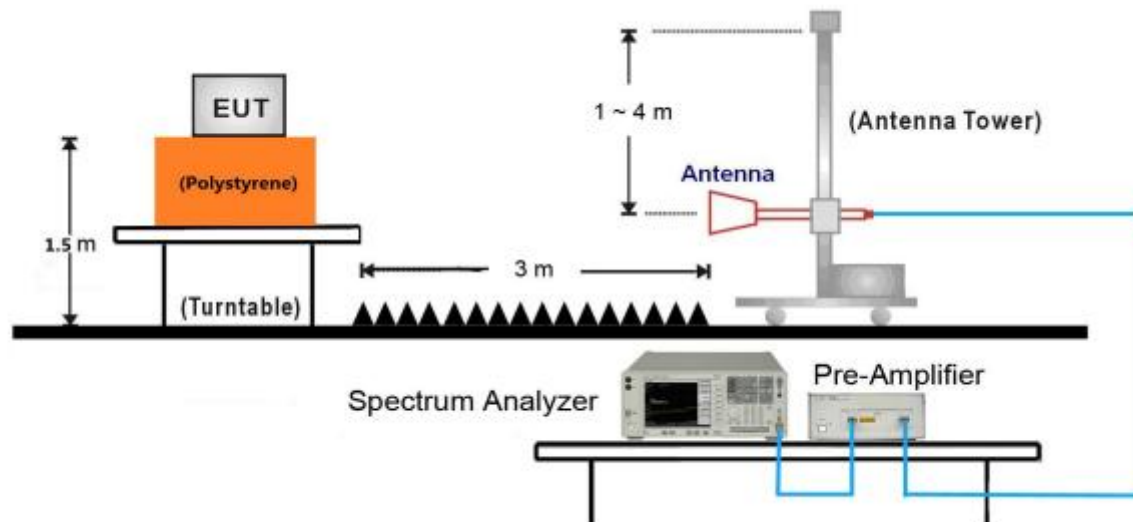
9kHz ~ 30MHz Test Setup:



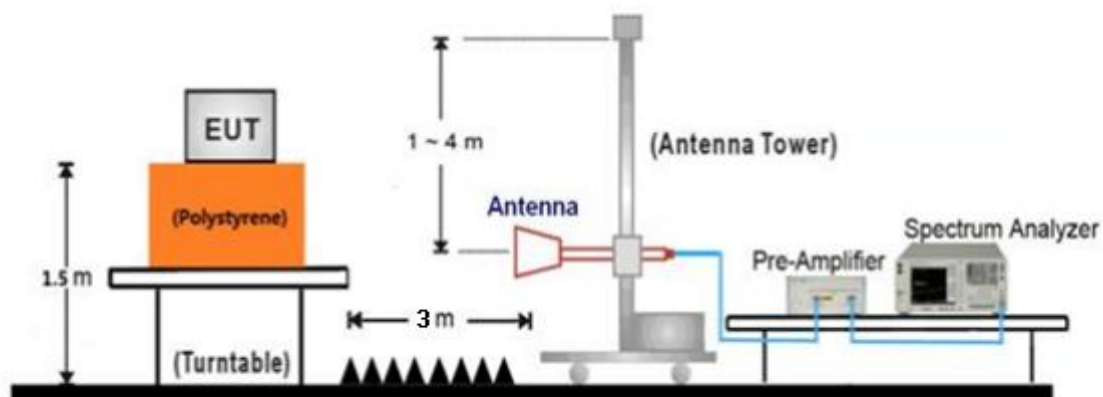
30MHz ~ 1GHz Test Setup:



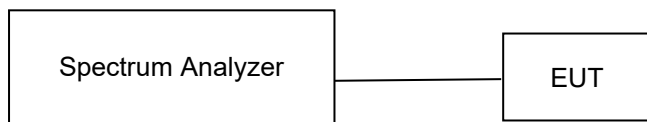
1GHz ~ 18GHz Test Setup:



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	Lenovo	E470	PF-OU5TS7 17/09

Test software: Wifi_Test_Tool_V1.9.2

The system was configured to channel:

Test Mode	Channel	Setting TX Power	Frequency (MHz)
802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20	36	84	5180
	40	84	5200
	48	84	5240
	52	84	5260
	56	84	5280
	64	84	5320
	100	84	5500
	120	84	5600
	140	84	5700
	149	84	5745
	157	84	5785
	165	84	5825
802.11n HT40	38	84	5190
	46	84	5230
	54	84	5270
	62	84	5310
	102	70	5510
	118	70	5590
	134	70	5670
	151	84	5755
	159	84	5795

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
802.11a: OFDM	6Mbps
802.11n (HT20): MCS0	MCS0 (6.5Mbps)
802.11n (HT40): MCS0	MCS0 (13.5Mbps)
802.11ac (VHT20): MCS0	MCS0 (6.5Mbps)
802.11ax (HE20): MCS0	MCS0 (8.6Mbps)

Test Mode Applicability and Tested Channel Detail for Partial RU

Test Mode	RU Tone	RU allocation and test channel	Setting TX Power	Frequency (MHz)
11ax HE20	26 Tone	RU 0, 36	45	5180
		RU 4, 40	43	5200
		RU 8, 48	43	5240
		RU 0, 52	42	5260
		RU 4, 56	41	5280
		RU 8, 64	38	5320
		RU 0, 100	34	5500
		RU 4, 120	30	5600
		RU 8, 140	41	5700
		RU 8, 144	42	5720
		RU 0, 149	43	5745
		RU 4, 157	36	5785
11ax HE20	52 Tone	RU 8, 165	47	5825
		RU 37, 36	57	5180
		RU 38, 40	54	5200
		RU 40, 48	55	5240
		RU 37, 52	53	5260
		RU 38, 56	48	5280
		RU 40, 64	50	5320
		RU 37, 100	46	5500
		RU 38, 120	50	5600
		RU 40, 140	53	5700
		RU 40, 144	54	5720
		RU 37, 149	55	5745
11ax HE20	106 Tone	RU 38, 157	50	5785
		RU 40, 165	59	5825
		RU 53, 36	69	5180
		RU 53, 40	69	5200
		RU 54, 48	63	5240
		RU 53, 52	58	5260
		RU 53, 56	57	5280
		RU 54, 64	55	5320
		RU 53, 100	52	5500
		RU 53, 120	52	5600
		RU 54, 140	60	5700
		RU 54, 144	60	5720
11ax HE20	242 Tone	RU 53, 149	67	5745
		RU 53, 157	69	5785
		RU 54, 165	71	5825
		RU 61, 36	81	5180
		RU 61, 40	81	5200
		RU 61, 48	79	5240
		RU 61, 52	68	5260
		RU 61, 56	72	5280
		RU 61, 64	69	5320
		RU 61, 100	59	5500
		RU 61, 120	65	5600
		RU 61, 140	70	5700
11ax HE20	242 Tone	RU 61, 144	74	5720
		RU 61, 149	79	5745
		RU 61, 157	81	5785
		RU 61, 165	83	5825

Note: The Power spectral density of all RU Tone with all RU allocation are investigated and the above table test condition is the worst case.

As Partial RU PSD < Full RU PSD, so only band edge and spurious emissions were recorded in this report.

10 Technical Requirement

10.1 Conducted Emission

Test Method

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. Both sides of AC line were checked for maximum conducted interference.
6. The frequency range from 150 kHz to 30 MHz was searched.
7. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively

Limit

According to §15.207, conducted emissions limit as below:

Frequency MHz	QP Limit dB μ V	AV Limit dB μ V
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

Remark: “*” Decreasing linearly with logarithm of the frequency

Conducted Emission

Worst case Conducted Emission 150KHz-30MHz 150k-30MHz Conducted Emission Test

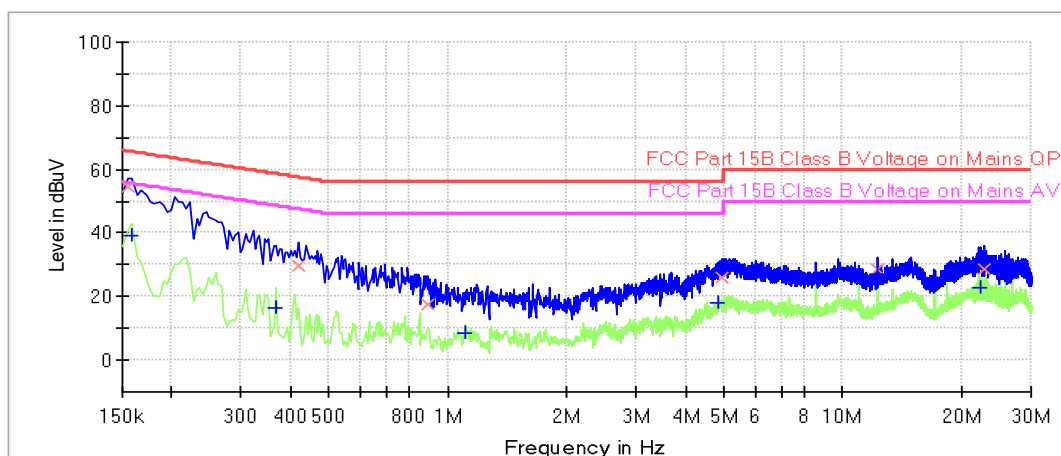
EUT Information

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.207
 Sample No.: SHA-1064638-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamp
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.154500	54.77	---	65.75	10.98	1000.0	9.000	L1	19.5
0.159000	---	38.98	55.52	16.54	1000.0	9.000	L1	19.5
0.366000	---	16.45	48.59	32.14	1000.0	9.000	L1	19.4
0.420000	29.45	---	57.45	28.00	1000.0	9.000	L1	19.4
0.892500	17.59	---	56.00	38.41	1000.0	9.000	L1	19.4
1.113000	---	8.41	46.00	37.59	1000.0	9.000	L1	19.4
4.857000	---	18.15	46.00	27.85	1000.0	9.000	L1	19.5
4.929000	26.08	---	56.00	29.92	1000.0	9.000	L1	19.5
12.210000	28.36	---	60.00	31.64	1000.0	9.000	L1	19.7
12.210000	---	27.19	50.00	22.81	1000.0	9.000	L1	19.7
22.389000	---	22.76	50.00	27.24	1000.0	9.000	L1	20.1
22.749000	28.61	---	60.00	31.39	1000.0	9.000	L1	20.1

150k-30MHz Conducted Emission Test

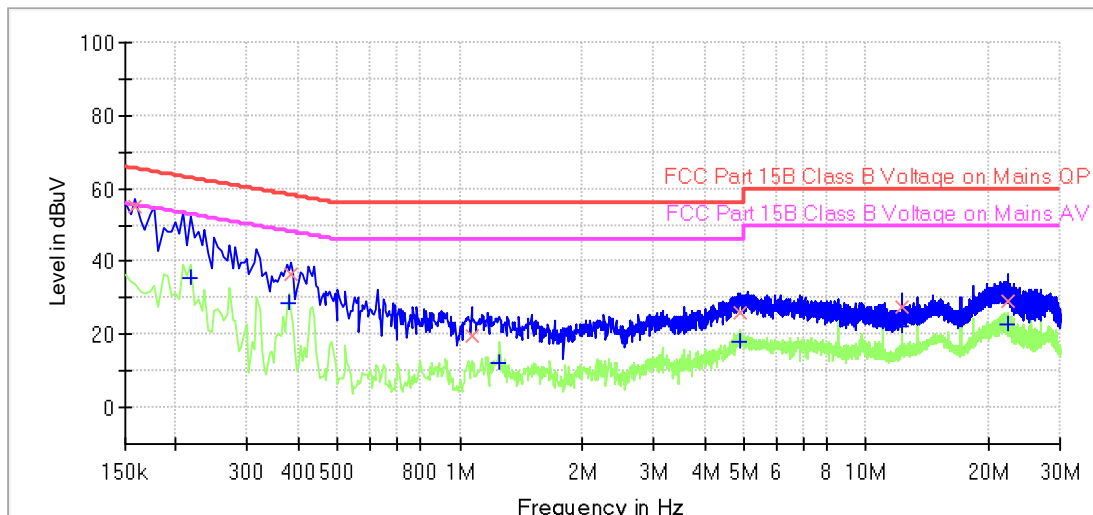
EUT Information

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.207
 Sample No.: SHA-1064638-1

Scan Setup: Voltage with 2-Line-LISN pre [EMI conducted]

Hardware Setup: Voltage with 2-Line-LISN
 Receiver: [ESR 3]
 Level Unit: dBuV

Subrange	Step Size	Detectors	IF BW	Meas. Time	Preamplifier
9 kHz - 150 kHz	100 Hz	PK+	200 Hz	0.02 s	0 dB
150 kHz - 30 MHz	4.5 kHz	PK+; AVG	9 kHz	0.01 s	0 dB



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)
0.159000	55.28	---	65.52	10.24	1000.0	9.000	N	19.5
0.217500	---	35.22	52.91	17.69	1000.0	9.000	N	19.4
0.379500	---	28.65	48.29	19.64	1000.0	9.000	N	19.4
0.384000	36.43	---	58.19	21.76	1000.0	9.000	N	19.4
1.068000	19.84	---	56.00	36.16	1000.0	9.000	N	19.4
1.252500	---	12.31	46.00	33.69	1000.0	9.000	N	19.4
4.884000	25.77	---	56.00	30.23	1000.0	9.000	N	19.5
4.906500	---	18.17	46.00	27.83	1000.0	9.000	N	19.5
12.210000	27.52	---	60.00	32.48	1000.0	9.000	N	19.7
12.210000	---	22.01	50.00	27.99	1000.0	9.000	N	19.7
22.240500	---	22.88	50.00	27.12	1000.0	9.000	N	20.1
22.263000	29.02	---	60.00	30.98	1000.0	9.000	N	20.1

Remark:

Level=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)

10.2 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) $\geq 3 \times$ 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 $\geq 3 \cdot$ 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



Test result as below table:

26dB Bandwidth Test Result:

Test data should be referred to Appendix A

99% Bandwidth Test Result

Test data should be referred to Appendix A

6dB Bandwidth Test Result

Test data should be referred to Appendix A

10.3 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 test 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 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.

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

(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 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test result referred to Appendix A

10.4 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 for U-NII-1, U-NII-2A and U-NII-2C
Set RBW = 500 KHz for U-NII-3
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 referred to Appendix A



10.5 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).

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: 3.3Vdc, HV is High Voltage: 3.6Vdc, LV is Low Voltage: 2.2Vdc, NT is normal Temperature: +25°C.

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

Test result referred to Appendix A

10.6 Spurious radiated emissions for transmitter

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 [span / (# of points in sweep)] $\leq$ 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

Below 30MHz: §15.209 & §15.205

Frequency MHz	Field Strength uV/m	Detector	Measured Distance Meters
0.009~0.090	2400/F (kHz)	AV	300
0.090~0.110	2400/F (kHz)	QP	300
0.110~0.490	2400/F (kHz)	AV	300
0.490~1.705	24000/F (kHz)	QP	30
1.705~30	30	QP	30

Note 1: Limit 3m(dBµV/m)=Limit 300m(dBµV/m)+40Log(300m/3m) (Below 30MHz)

Note 2: Limit 3m(dBµV/m)=Limit 30m(dBµV/m)+40Log(30m/3m) (Below 30MHz)

Note 3: dBµV/m = 20log(µV/m)

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.

Test result

Worst case Radiated Emission 9KHz-30MHz

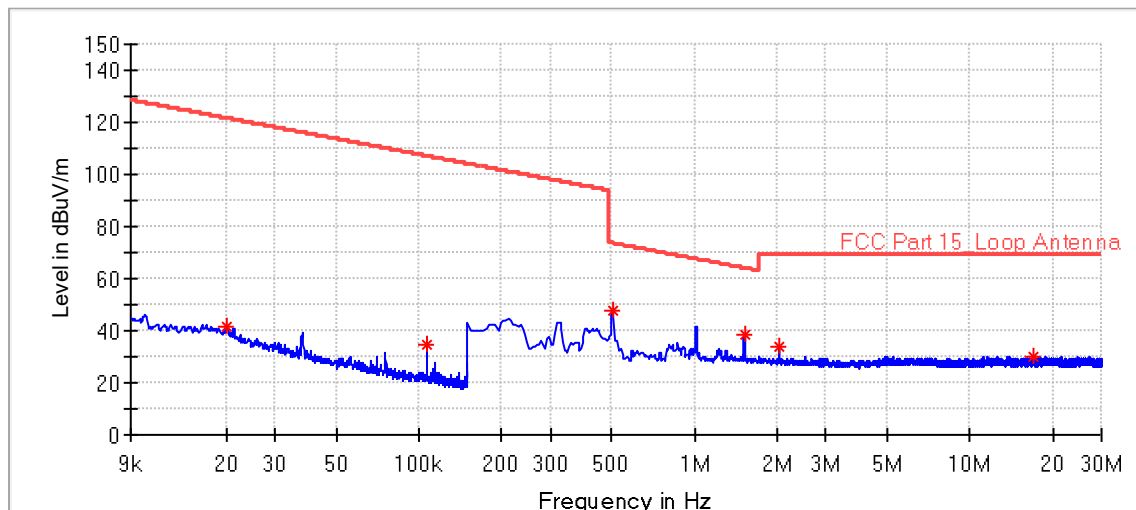
0.009-30MHz Radiated Emission**EUT Information**

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1064638-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

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

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
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)
0.020016	41.59	121.58	79.99	X	286.0	19.0
0.107524	34.39	106.97	72.58	X	3.0	18.8
0.505566	47.31	73.53	26.22	X	239.0	18.8
1.519588	38.57	63.97	25.40	X	239.0	18.9
2.028794	34.14	69.54	35.40	X	326.0	19.0
16.958184	30.02	69.54	39.52	X	307.0	18.9

0.009-30MHz Radiated Emission

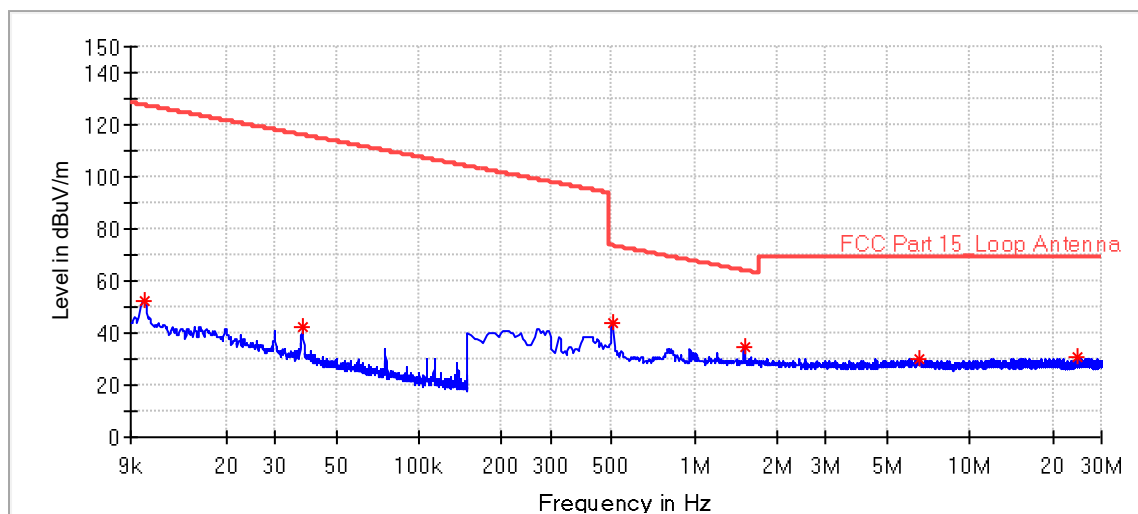
EUT Information

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1064638-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

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

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
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)
0.010058	52.43	127.55	75.13	Y	162.0	19.6
0.037905	42.26	116.03	73.77	Y	298.0	18.9
0.505566	43.87	73.53	29.66	Y	129.0	18.8
1.519588	34.96	63.97	29.01	Y	129.0	18.9
6.572140	30.10	69.54	39.44	Y	332.0	18.8
24.640169	30.48	69.54	39.07	Y	298.0	19.3

0.009-30MHz Radiated Emission

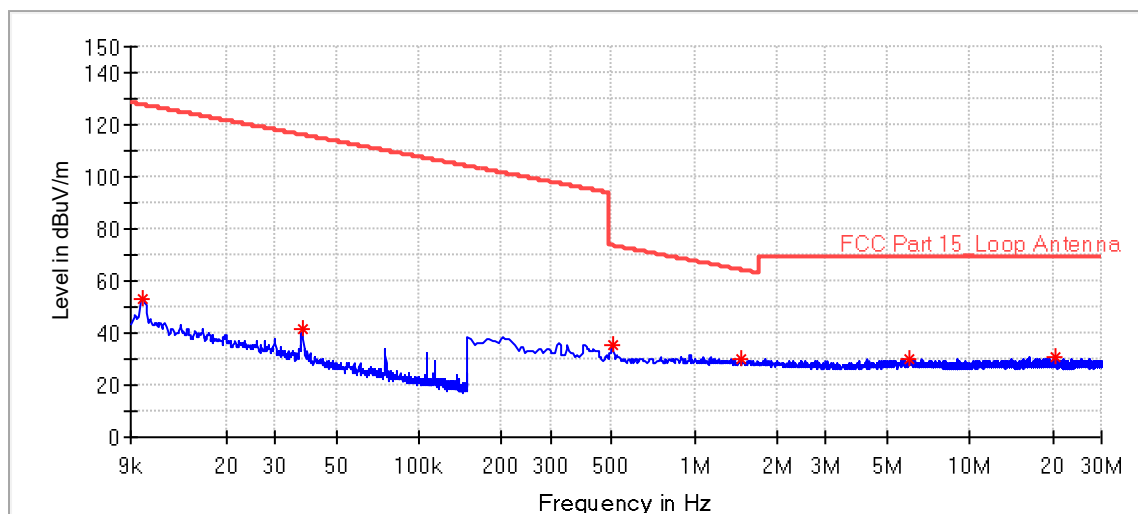
EUT Information

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1064638-1

Sweep Setup: RE_Loop E_pre [EMI radiated]

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

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
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)
0.009969	53.42	127.63	74.21	Z	343.0	19.6
0.037905	41.53	116.03	74.50	Z	350.0	18.9
0.505566	35.18	73.53	38.35	Z	25.0	18.8
1.466912	30.20	64.28	34.08	Z	263.0	18.9
6.071713	30.08	69.54	39.46	Z	195.0	18.8
20.368985	30.67	69.54	38.88	Z	216.0	19.1

Worst case Radiated Emission 30MHz-1GHz 30-1000MHz Radiated Emission Test

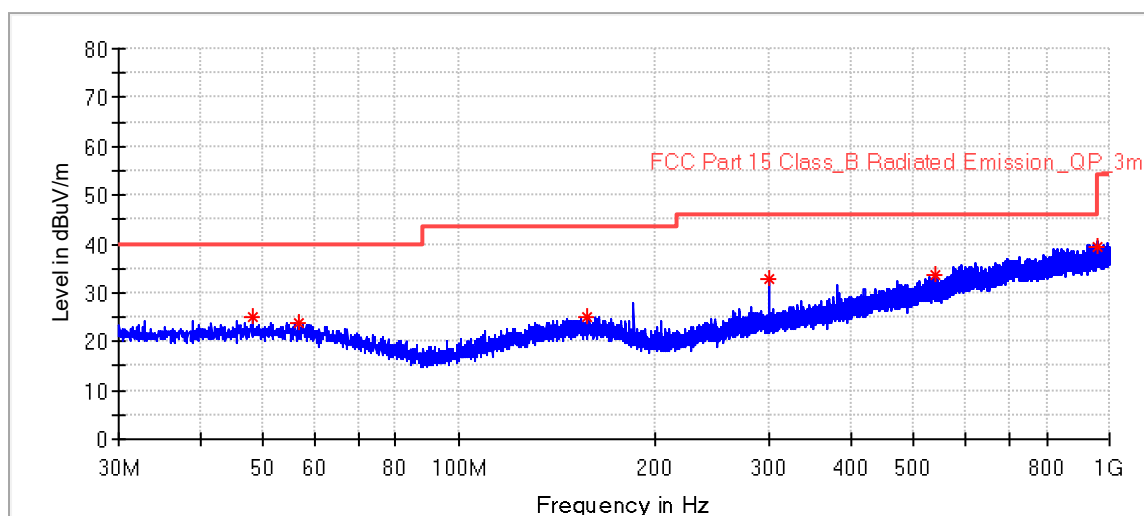
EUT Information

EUT Name:	Wi-Fi and Bluetooth Module
Model	T7-M
Client:	Hangzhou Tuya Information Technology Co.,Ltd
Op Cond	TX_5825MHz at 802.11a
Operator:	Chengjie GUO
Standard	FCC Part15.209
Sample No.:	SHA-1064638-1

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)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.236000	24.93	40.00	15.07	100.0	H	112.0	20.5
56.626500	23.99	40.00	16.01	100.0	H	49.0	20.2
156.876000	24.98	43.50	18.52	150.0	H	264.0	20.7
299.126500	32.78	46.00	13.22	100.0	H	246.0	21.6
540.608000	33.47	46.00	12.53	200.0	H	26.0	27.5
959.793500	39.49	46.00	6.51	100.0	H	44.0	34.3

30-1000MHz Radiated Emission Test

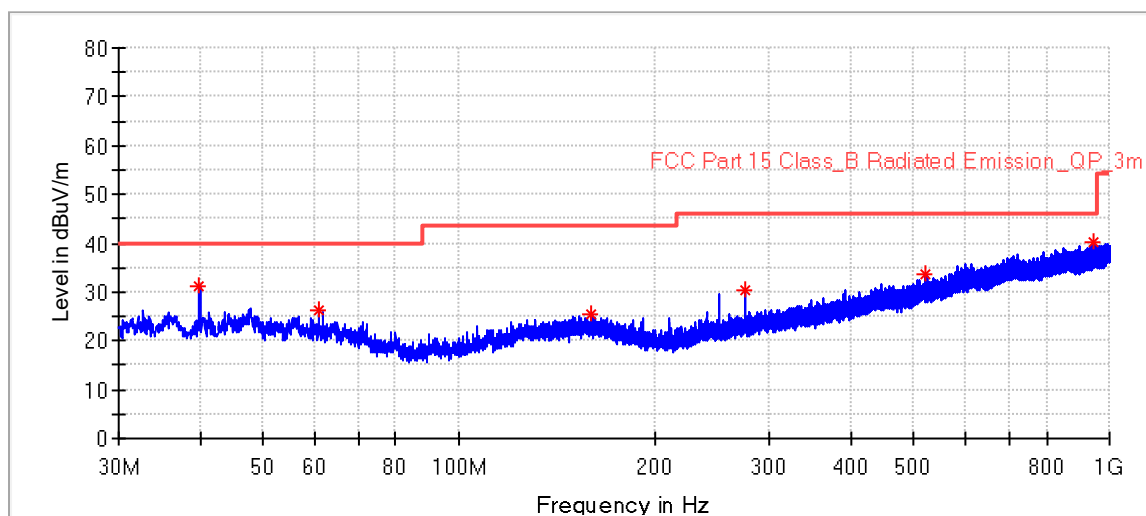
EUT Information

EUT Name: Wi-Fi and Bluetooth Module
 Model: T7-M
 Client: Hangzhou Tuya Information Technology Co.,Ltd
 Op Cond: TX_5825MHz at 802.11a
 Operator: Chengjie GUO
 Standard: FCC Part15.209
 Sample No.: SHA-1064638-1

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

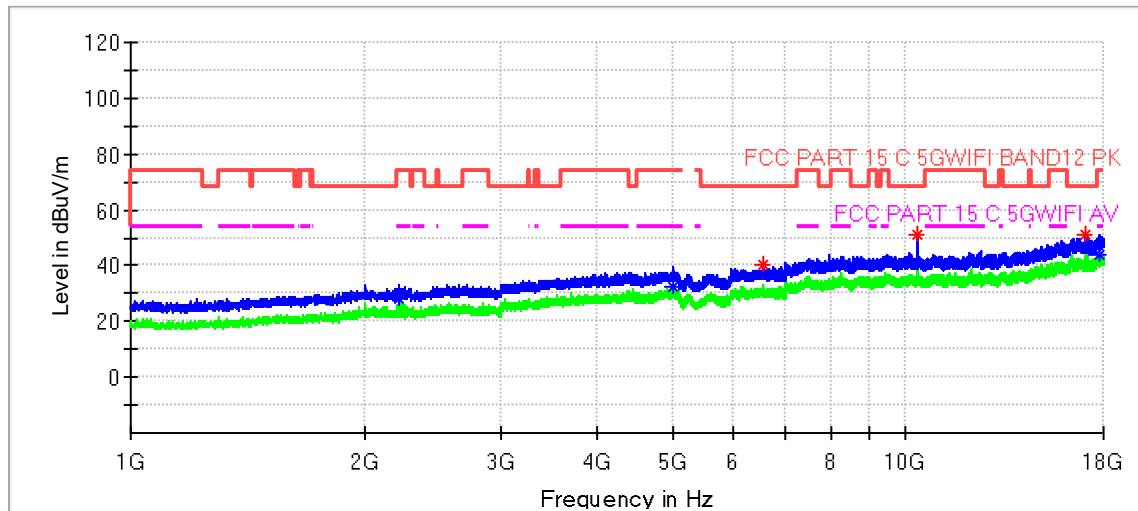
Frequency (MHz)	MaxPeak (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
39.942500	31.10	40.00	8.90	100.0	V	294.0	19.9
60.797500	26.18	40.00	13.82	150.0	V	55.0	19.8
159.398000	25.27	43.50	18.23	100.0	V	138.0	20.7
275.846500	30.49	46.00	15.51	100.0	V	308.0	20.7
522.081000	33.69	46.00	12.31	150.0	V	142.0	27.4
946.262000	40.06	46.00	5.94	100.0	V	317.0	34.3

Remark:

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

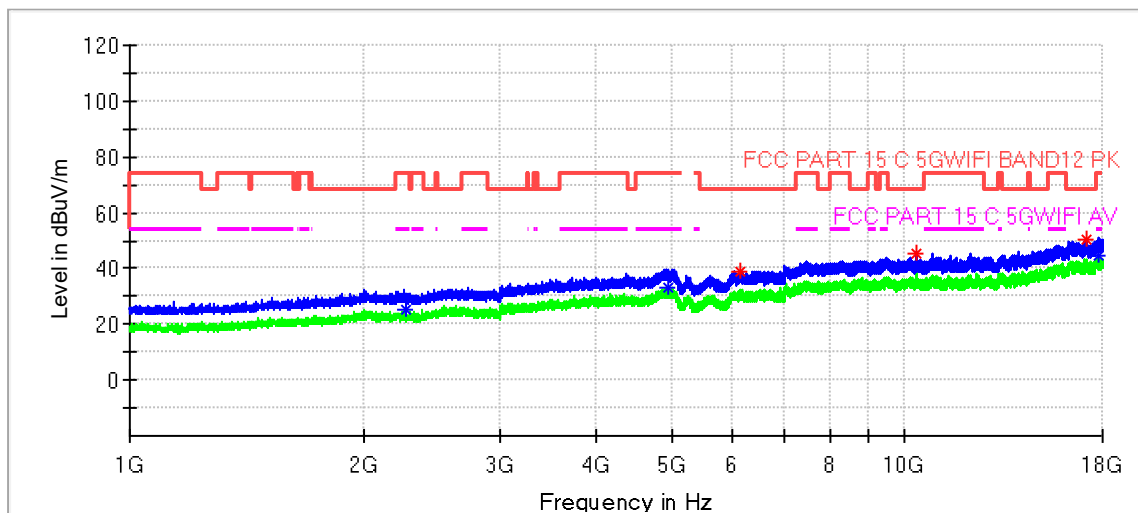
Radiated Emission 1-18 GHz at 802.11a

Frequency: 5180MHz



Limit and Margin

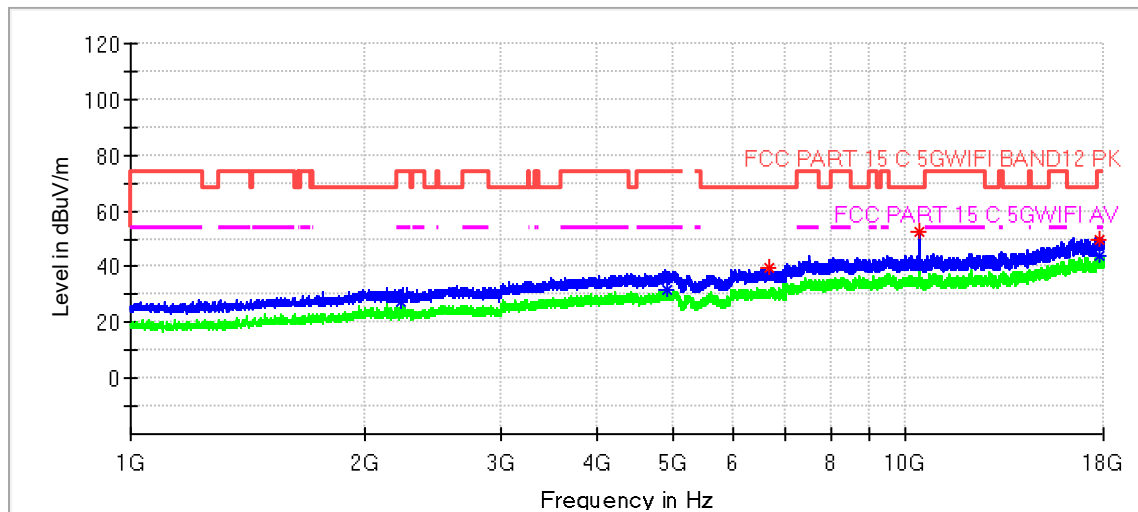
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2219.218750	---	27.91	54.00	26.09	150.0	H	80.0	-11.7
5020.500000	---	32.06	54.00	21.94	200.0	H	316.0	-1.7
6562.187500	40.20	---	68.20	28.00	150.0	H	28.0	0.6
10360.093750	50.72	---	68.20	17.48	150.0	H	233.0	4.3
17099.531250	50.77	---	68.20	17.43	150.0	H	144.0	14.0
17808.218750	---	43.72	54.00	10.28	150.0	H	335.0	15.4



Limit and Margin

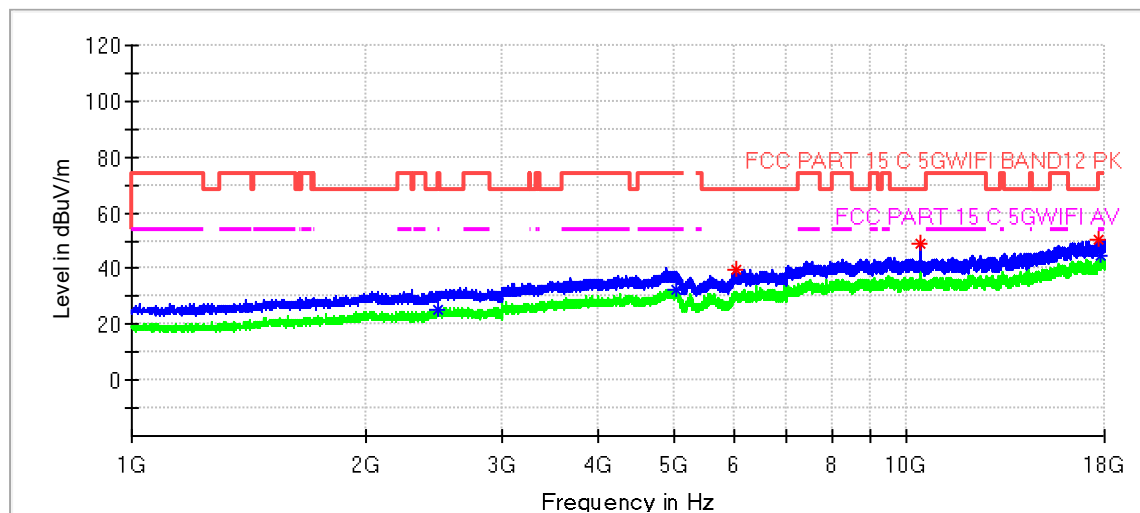
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2277.656250	---	25.08	54.00	28.92	150.0	V	179.0	-11.6
4954.625000	---	33.32	54.00	20.68	200.0	V	13.0	-1.8
6134.531250	39.06	---	68.20	29.14	150.0	V	0.0	0.0
10360.093750	45.53	---	68.20	22.67	150.0	V	179.0	4.3
17117.062500	50.24	---	68.20	17.96	150.0	V	6.0	14.0
17788.562500	---	44.72	54.00	9.28	300.0	V	276.0	15.3

Frequency: 5200MHz



Limit and Margin

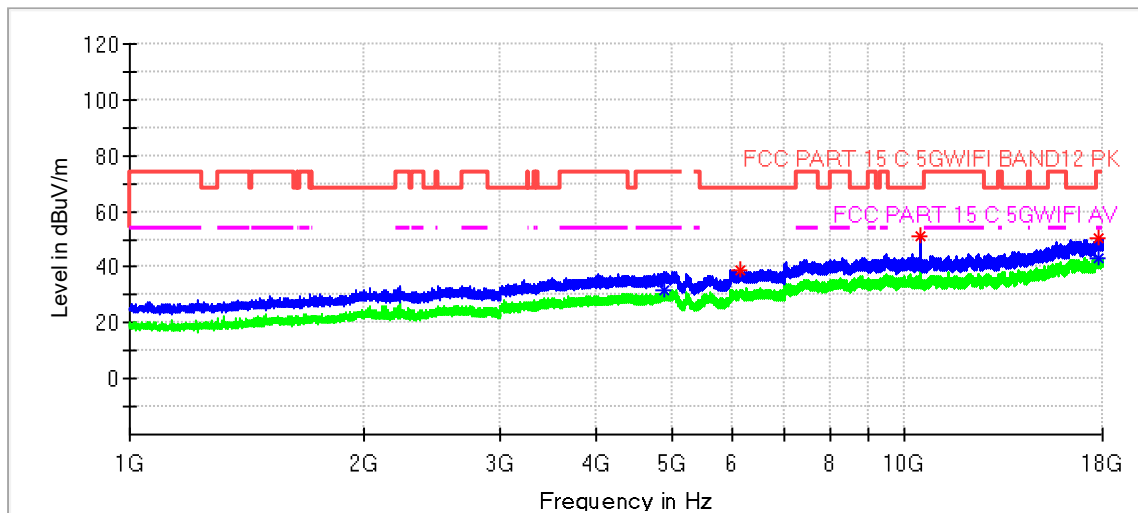
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2231.968750	---	27.04	54.00	26.96	150.0	H	334.0	-11.7
4930.187500	---	31.55	54.00	22.45	200.0	H	273.0	-1.9
6678.000000	39.32	---	68.20	28.88	150.0	H	334.0	0.7
10401.531250	52.71	---	68.20	15.49	150.0	H	93.0	4.4
17782.718750	49.77	---	74.00	24.23	300.0	H	279.0	15.3
17799.187500	---	43.80	54.00	10.20	150.0	H	0.0	15.3



Limit and Margin

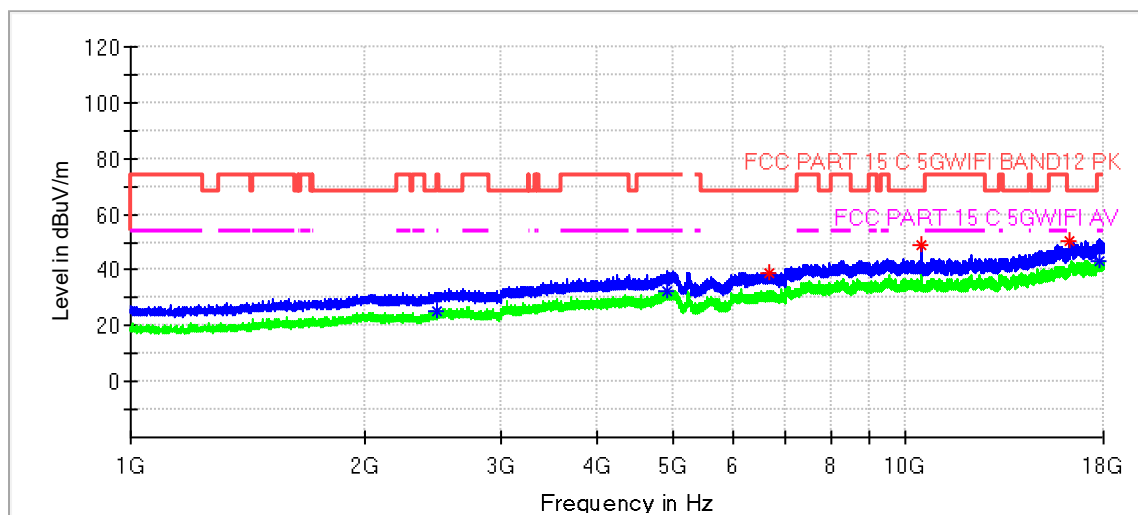
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2491.218750	---	25.06	54.00	28.94	150.0	V	33.0	-10.5
5043.343750	---	32.65	54.00	21.35	200.0	V	103.0	-1.8
6014.468750	39.68	---	68.20	28.52	150.0	V	293.0	-0.2
10399.937500	49.04	---	68.20	19.16	150.0	V	174.0	4.4
17657.875000	50.22	---	68.20	17.99	200.0	V	229.0	15.1
17791.750000	---	44.47	54.00	9.53	150.0	V	27.0	15.3

Frequency: 5240MHz



Limit and Margin

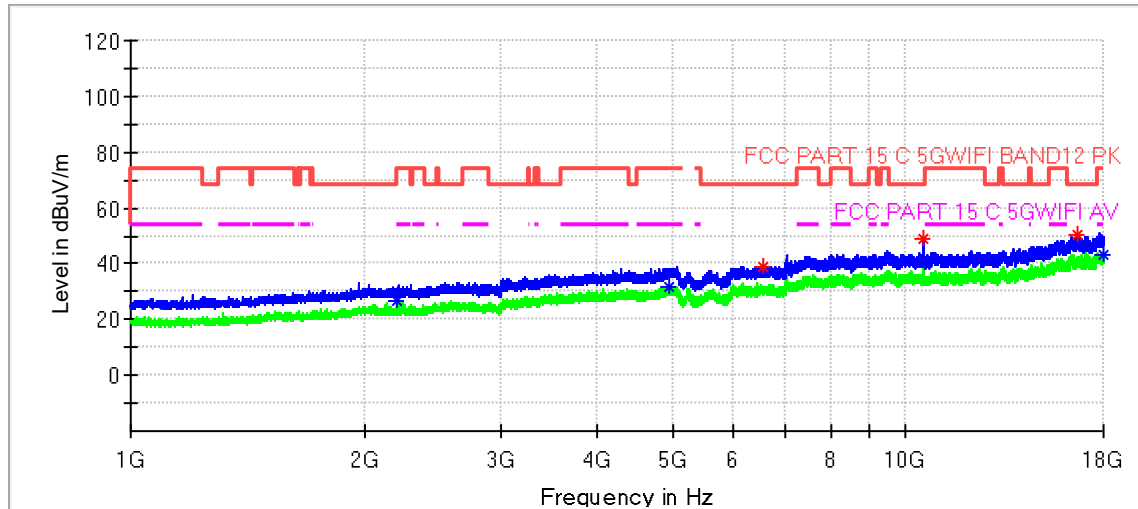
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2231.437500	---	29.34	54.00	24.66	200.0	H	77.0	-11.7
4881.843750	---	31.68	54.00	22.32	150.0	H	0.0	-2.0
6137.187500	39.04	---	68.20	29.16	150.0	H	328.0	0.0
10480.687500	51.32	---	68.20	16.88	150.0	H	96.0	4.4
17781.125000	50.59	---	74.00	23.41	150.0	H	283.0	15.3
17790.687500	---	43.51	54.00	10.49	150.0	H	238.0	15.3



Limit and Margin

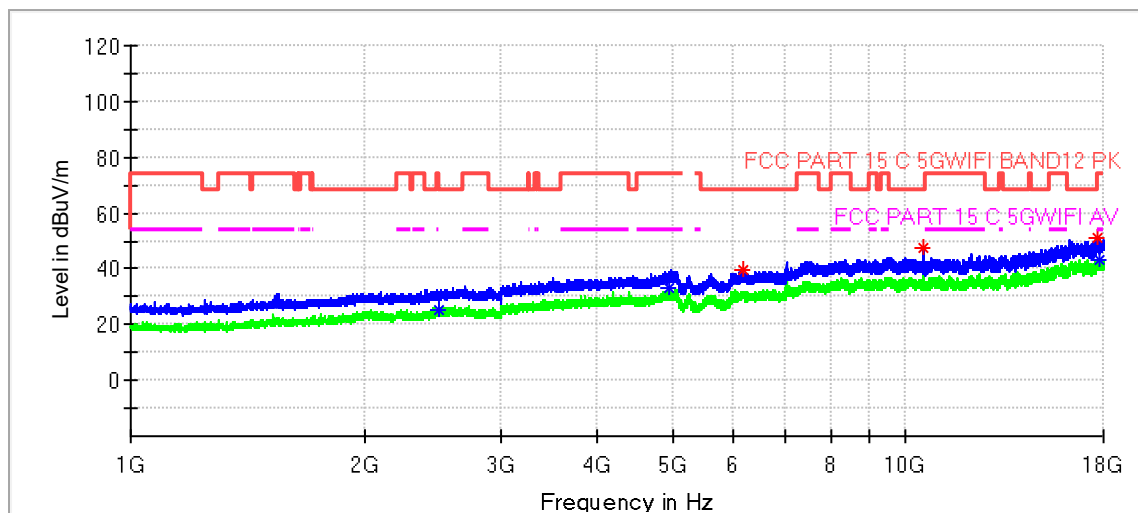
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2488.562500	---	24.98	54.00	29.02	150.0	V	189.0	-10.5
4908.937500	---	32.75	54.00	21.25	150.0	V	62.0	-1.9
6674.281250	39.10	---	68.20	29.10	200.0	V	138.0	0.7
10479.625000	48.58	---	68.20	19.62	150.0	V	176.0	4.4
16315.406250	50.36	---	68.20	17.84	150.0	V	209.0	12.4
17830.531250	---	43.53	54.00	10.47	150.0	V	144.0	15.4

Frequency: 5260MHz



Limit and Margin

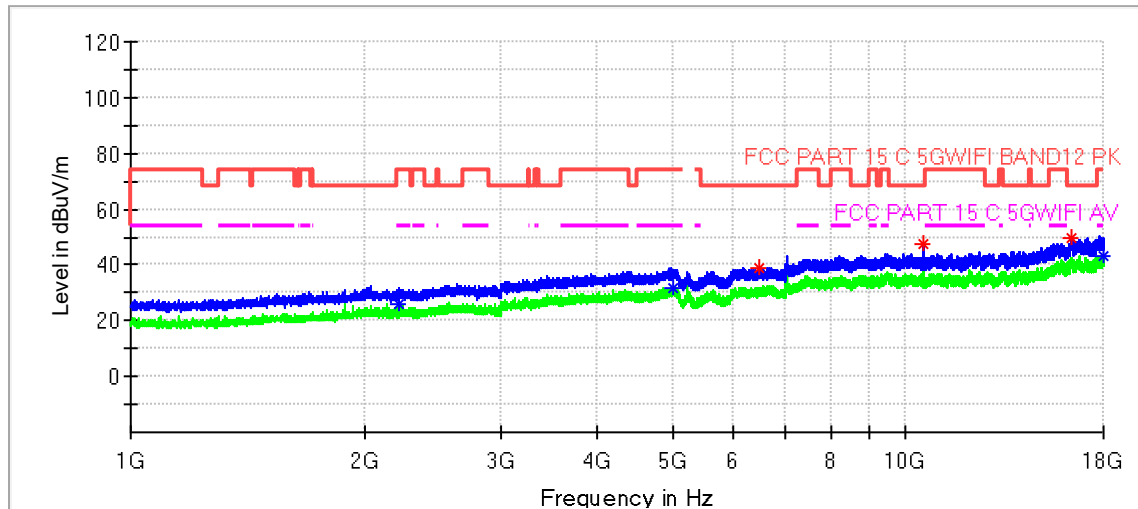
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2204.343750	---	26.48	54.00	27.52	150.0	H	40.0	-11.8
4946.125000	---	32.05	54.00	21.95	150.0	H	276.0	-1.8
6543.593750	39.21	---	68.20	28.99	150.0	H	110.0	0.6
10520.531250	48.78	---	68.20	19.42	150.0	H	212.0	4.4
16696.843750	50.27	---	68.20	17.93	150.0	H	128.0	13.1
17964.937500	---	43.51	54.00	10.49	150.0	H	306.0	15.9



Limit and Margin

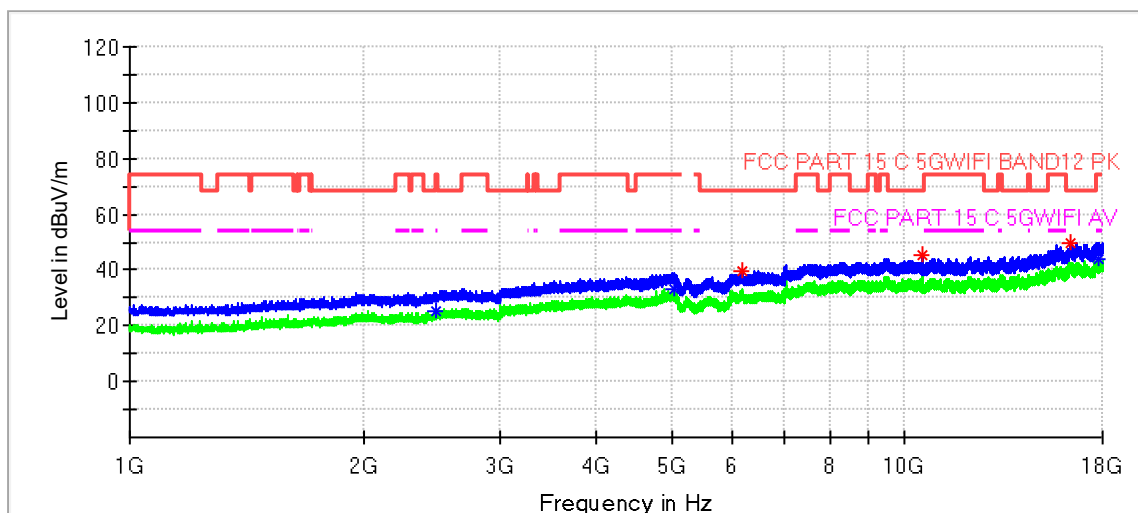
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2498.656250	---	25.23	54.00	28.77	150.0	V	52.0	-10.5
4938.156250	---	32.79	54.00	21.21	200.0	V	236.0	-1.8
6181.281250	39.49	---	68.20	28.71	150.0	V	166.0	-0.1
10522.125000	47.34	---	68.20	20.86	150.0	V	109.0	4.4
17641.937500	51.01	---	68.20	17.19	150.0	V	22.0	15.1
17774.750000	---	43.45	54.00	10.55	150.0	V	179.0	15.3

Frequency: 5280MHz



Limit and Margin

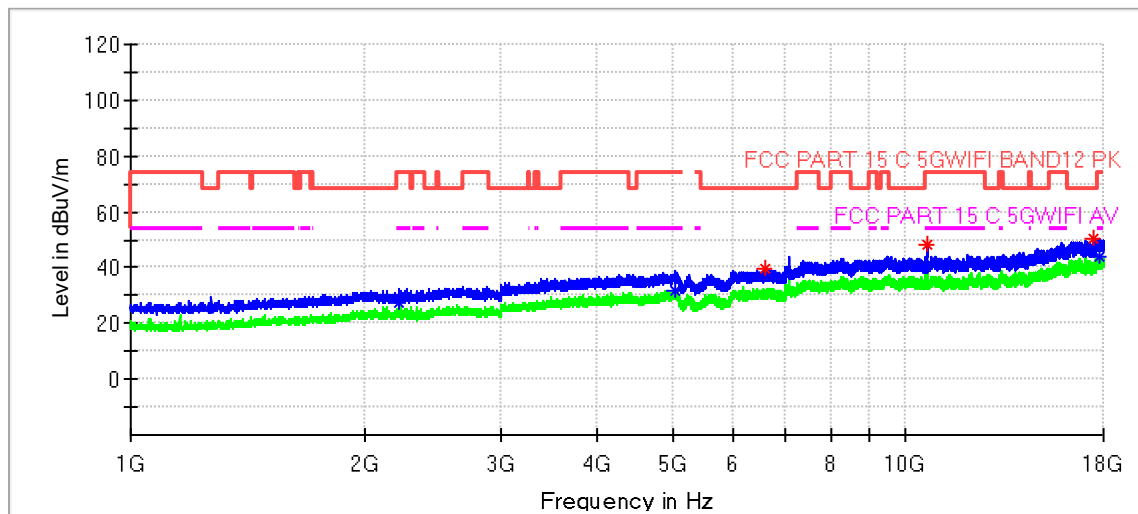
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2225.062500	---	25.63	54.00	28.37	200.0	H	313.0	-11.7
5005.093750	---	31.87	54.00	22.13	150.0	H	281.0	-1.7
6470.281250	38.96	---	68.20	29.24	150.0	H	60.0	0.4
10559.843750	47.83	---	68.20	20.37	150.0	H	166.0	4.4
16379.156250	49.54	---	68.20	18.66	150.0	H	281.0	12.5
17997.343750	---	43.17	54.00	10.83	150.0	H	204.0	16.0



Limit and Margin

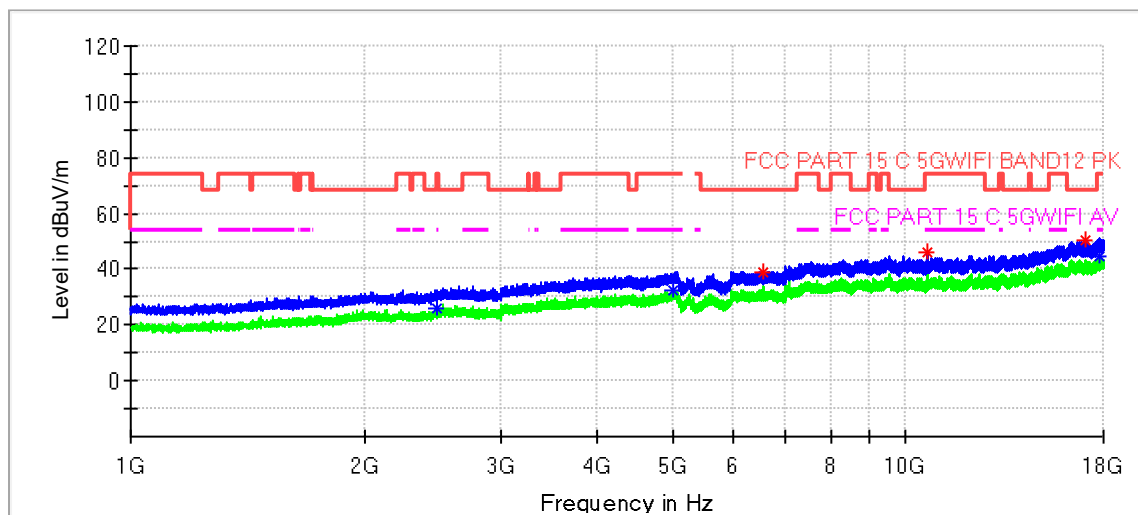
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2491.218750	---	25.00	54.00	29.00	150.0	V	308.0	-10.5
5047.593750	---	33.25	54.00	20.75	300.0	V	321.0	-1.8
6183.406250	39.71	---	68.20	28.49	150.0	V	340.0	-0.1
10566.750000	45.58	---	68.20	22.62	150.0	V	28.0	4.4
16374.906250	49.89	---	68.20	18.31	150.0	V	239.0	12.5
17777.937500	---	43.73	54.00	10.27	150.0	V	226.0	15.3

Frequency: 5320MHz



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2218.156250	---	27.53	54.00	26.47	150.0	H	284.0	-11.7
5029.531250	---	32.04	54.00	21.96	150.0	H	259.0	-1.7
6602.562500	39.30	---	68.20	28.90	300.0	H	246.0	0.7
10639.000000	48.31	---	74.00	25.69	150.0	H	0.0	4.4
17510.187500	50.13	---	68.20	18.07	150.0	H	48.0	14.9
17773.687500	---	43.79	54.00	10.21	150.0	H	0.0	15.3

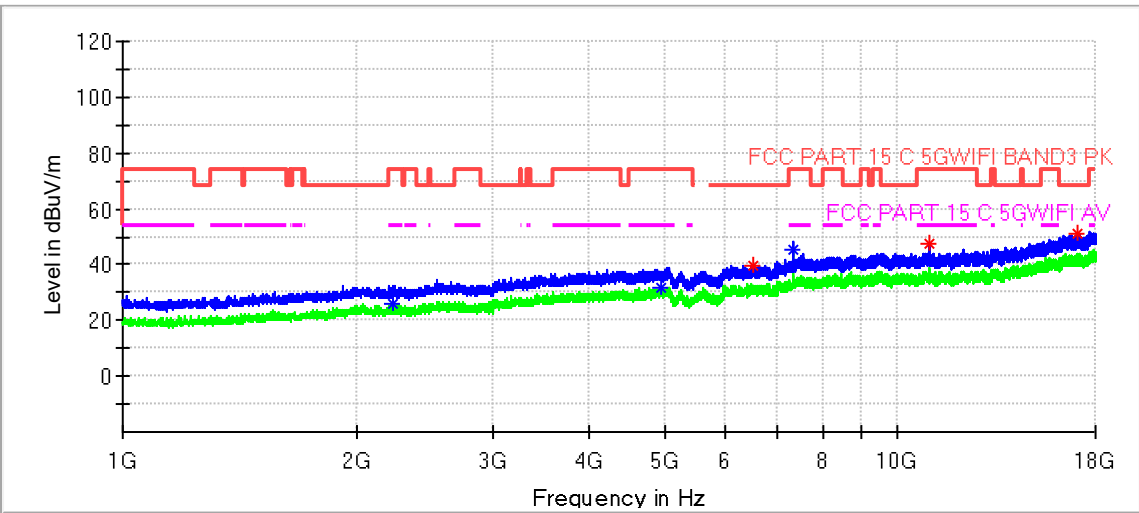


Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.843750	---	25.75	54.00	28.25	150.0	V	54.0	-10.5
5021.031250	---	32.34	54.00	21.66	150.0	V	320.0	-1.7
6538.812500	39.14	---	68.20	29.06	300.0	V	301.0	0.6
10639.531250	45.79	---	74.00	28.21	150.0	V	106.0	4.4
17046.937500	50.10	---	68.20	18.10	150.0	V	112.0	13.9
17819.375000	---	44.73	54.00	9.27	150.0	V	73.0	15.4

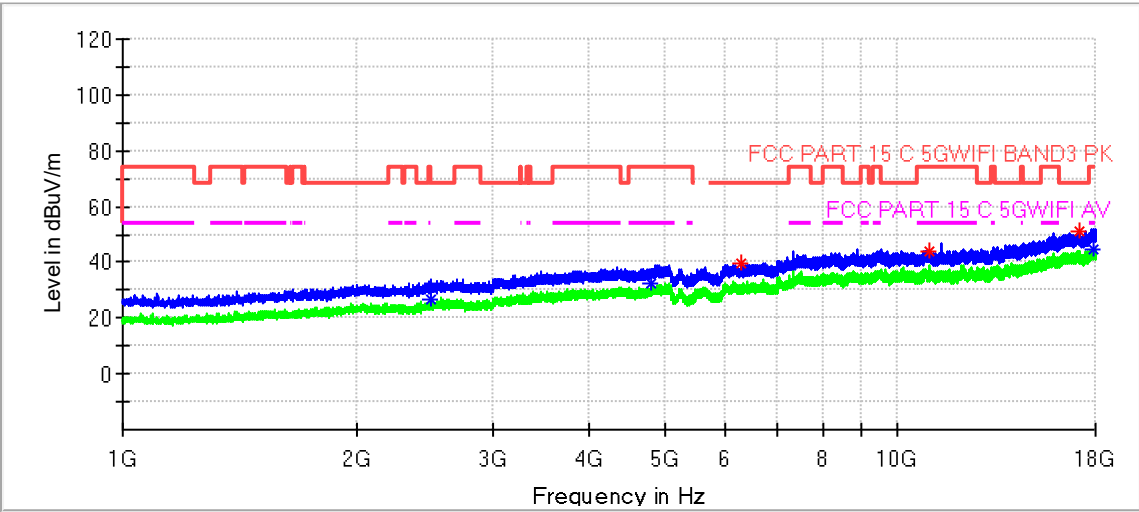


Frequency:5500MHz



Limit and Margin

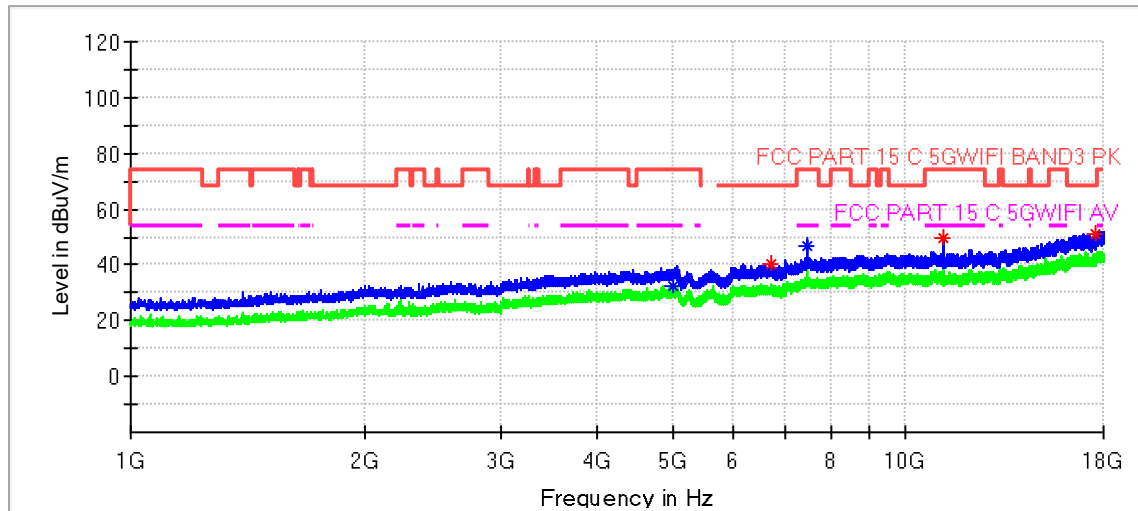
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2237.281250	---	26.27	54.00	27.73	150.0	H	122.0	-11.7
4956.218750	---	31.81	54.00	22.19	150.0	H	198.0	-1.8
6521.812500	39.80	---	68.20	28.40	150.0	H	218.0	0.6
7333.562500	---	45.51	54.00	8.49	300.0	H	71.0	1.3
11001.843750	47.18	---	74.00	26.82	150.0	H	256.0	4.8
17103.250000	51.19	---	68.20	17.01	150.0	H	345.0	14.0



Limit and Margin

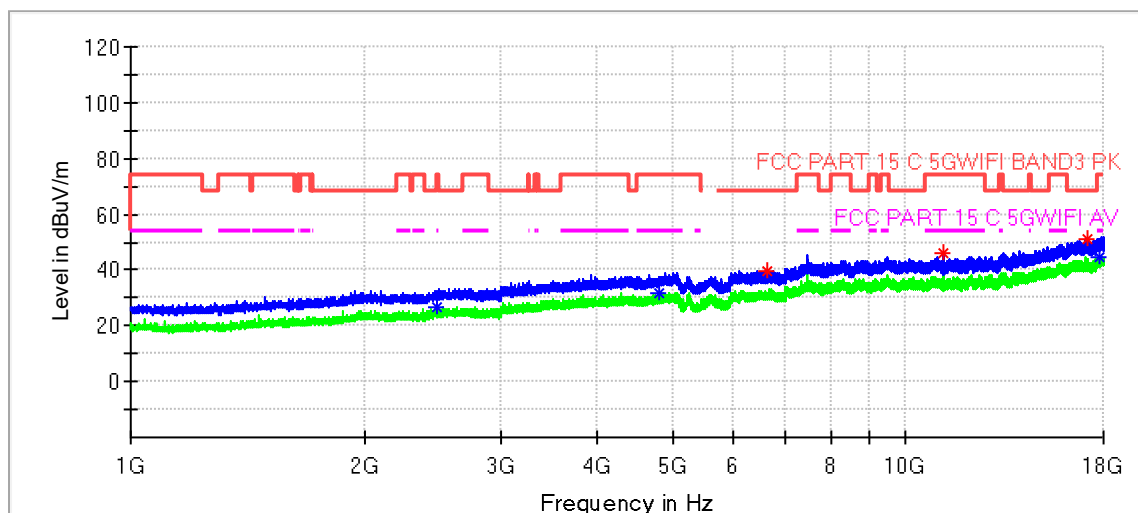
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2492.281250	---	26.62	54.00	27.38	200.0	V	18.0	-10.5
4818.625000	---	32.23	54.00	21.77	150.0	V	202.0	-2.3
6273.718750	39.89	---	68.20	28.31	150.0	V	43.0	0.0
11007.156250	43.92	---	74.00	30.08	150.0	V	49.0	4.8
17159.562500	51.33	---	68.20	16.87	150.0	V	43.0	14.1
17852.843750	---	44.84	54.00	9.16	150.0	V	49.0	15.5

Frequency: 5600MHz



Limit and Margin

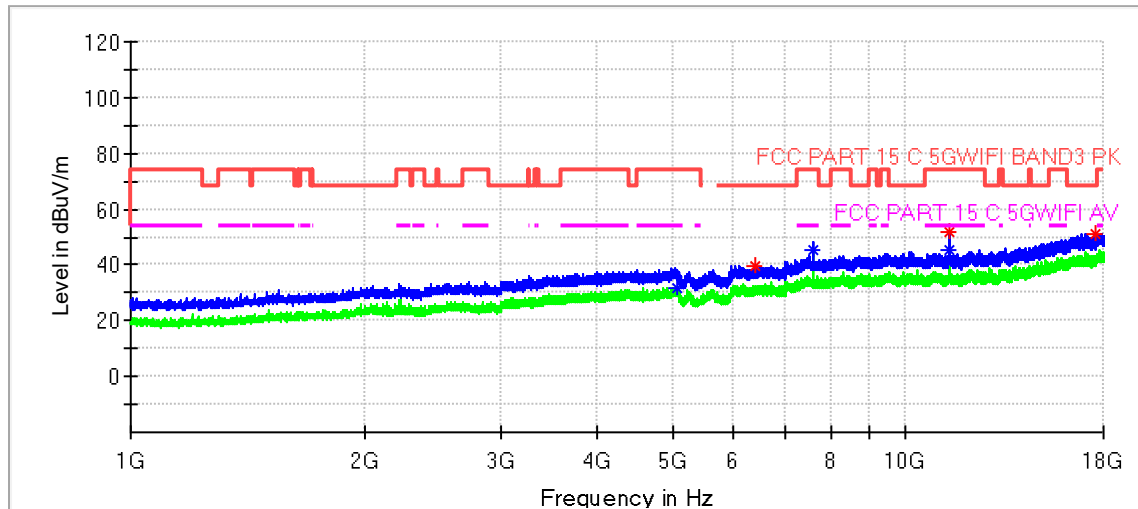
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5025.281250	---	32.24	54.00	21.76	150.0	H	210.0	-1.7
6687.031250	40.28	---	68.20	27.92	150.0	H	89.0	0.7
7466.906250	---	46.52	54.00	7.48	150.0	H	70.0	1.6
11197.875000	---	41.89	54.00	12.11	200.0	H	70.0	5.1
11202.125000	50.00	---	74.00	24.00	150.0	H	267.0	5.1
17621.218750	51.14	---	68.20	17.06	150.0	H	204.0	15.0



Limit and Margin

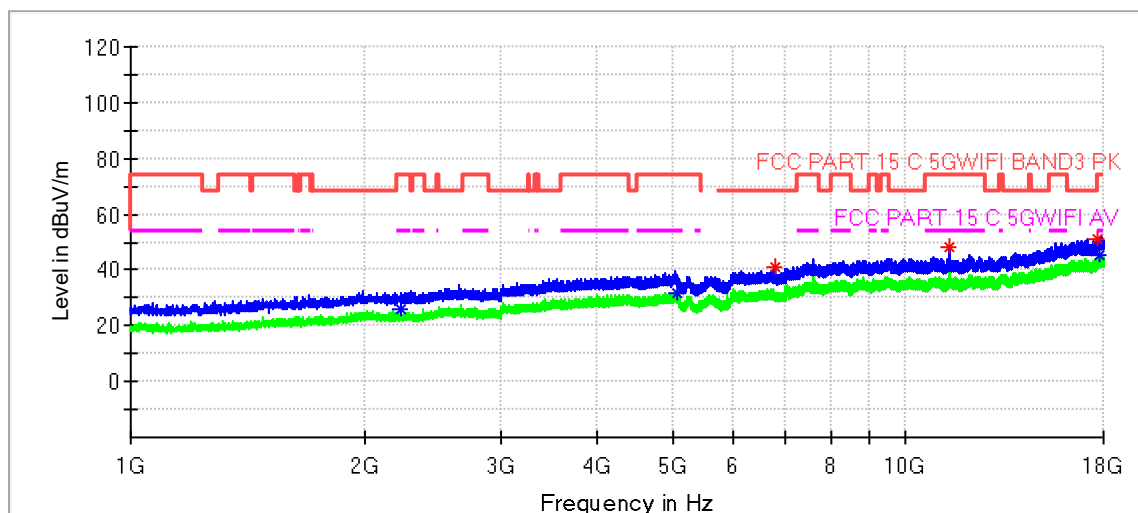
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.781250	---	26.67	54.00	27.33	300.0	V	23.0	-10.6
4798.437500	---	32.03	54.00	21.97	150.0	V	54.0	-2.3
6642.406250	39.94	---	68.20	28.26	150.0	V	293.0	0.7
11200.000000	46.09	---	74.00	27.91	150.0	V	319.0	5.1
17143.093750	51.33	---	68.20	16.87	150.0	V	78.0	14.0
17798.656250	---	44.73	54.00	9.27	200.0	V	109.0	15.3

Frequency: 5700MHz



Limit and Margin

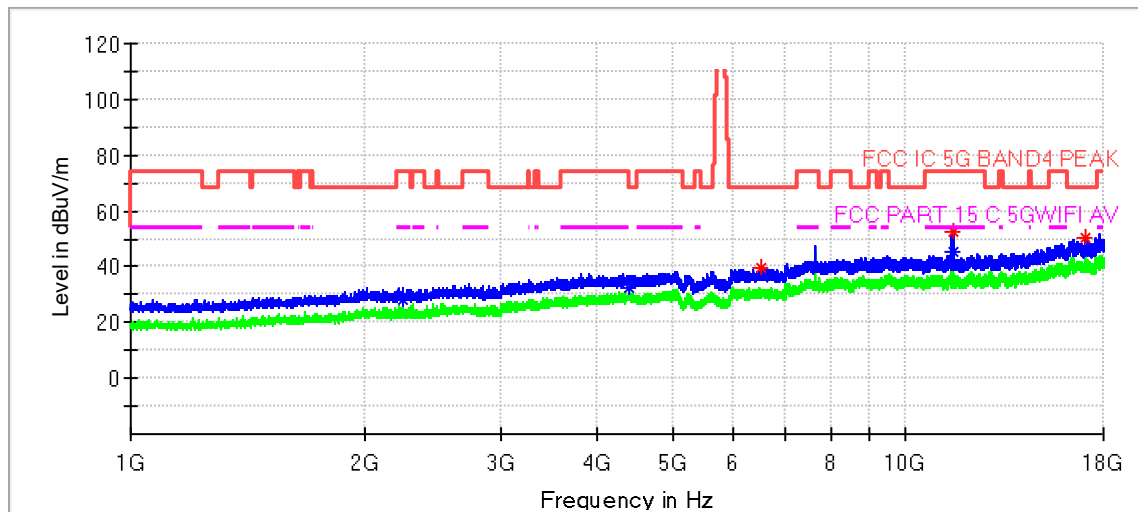
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5072.562500	---	31.97	54.00	22.03	150.0	H	0.0	-1.8
6386.343750	39.62	---	68.20	28.58	150.0	H	230.0	0.2
7600.250000	---	45.50	54.00	8.50	150.0	H	71.0	1.8
11398.687500	---	45.17	54.00	8.83	200.0	H	268.0	5.2
11399.750000	51.58	---	74.00	22.42	150.0	H	261.0	5.2
17619.093750	51.13	---	68.20	17.07	150.0	H	236.0	15.0



Limit and Margin

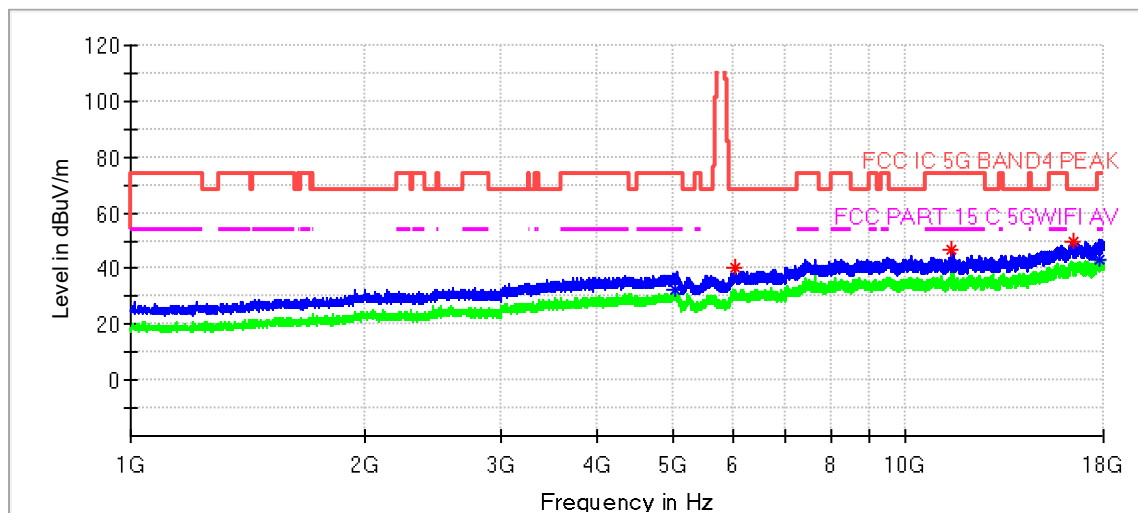
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2227.718750	---	26.28	54.00	27.72	150.0	V	312.0	-11.7
5072.031250	---	32.00	54.00	22.00	150.0	V	92.0	-1.8
6772.031250	40.83	---	68.20	27.37	150.0	V	210.0	0.8
11396.031250	47.93	---	74.00	26.07	150.0	V	267.0	5.2
17666.375000	51.23	---	68.20	16.97	150.0	V	92.0	15.1
17782.718750	---	45.09	54.00	8.91	200.0	V	204.0	15.3

Frequency: 5745MHz



Limit and Margin

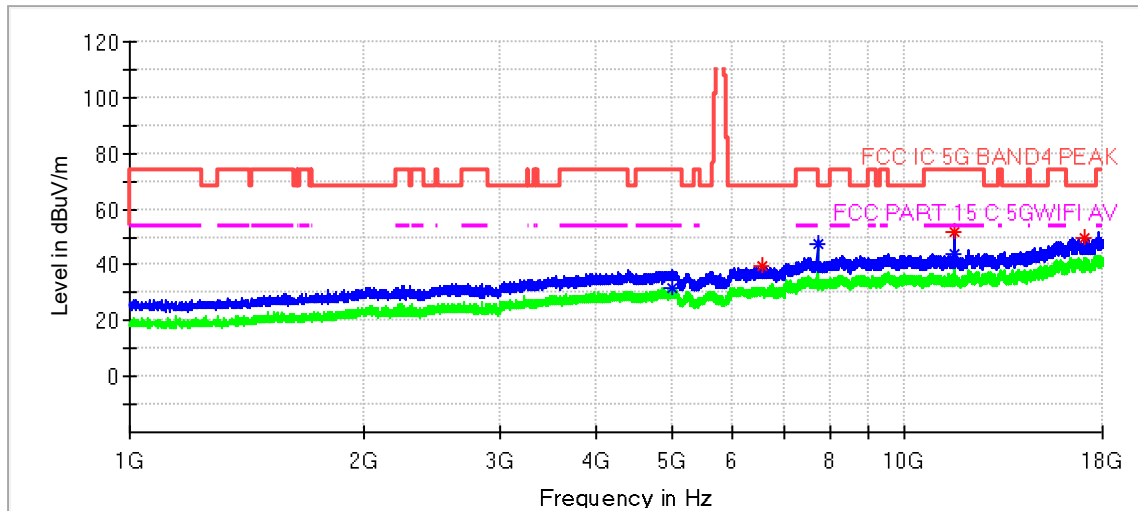
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2241.000000	---	27.94	54.00	26.06	150.0	H	310.0	-11.8
4386.718750	---	32.13	54.00	21.87	200.0	H	62.0	-3.0
6529.250000	39.62	---	68.20	28.58	150.0	H	81.0	0.6
11489.531250	52.61	---	74.00	21.39	150.0	H	68.0	5.3
11490.062500	---	45.63	54.00	8.37	150.0	H	68.0	5.3
17091.031250	50.24	---	68.20	17.96	250.0	H	240.0	14.0



Limit and Margin

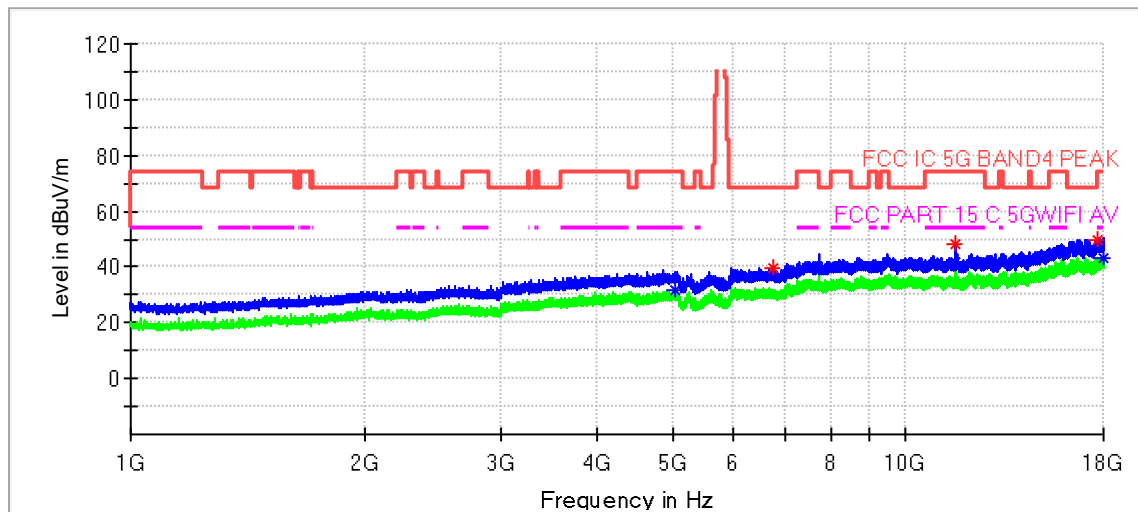
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5045.468750	---	32.08	54.00	21.92	150.0	V	63.0	-1.8
6038.906250	40.25	---	68.20	27.95	300.0	V	89.0	-0.2
11486.875000	---	40.91	54.00	13.09	150.0	V	338.0	5.3
11486.875000	47.11	---	74.00	26.89	150.0	V	338.0	5.3
16464.687500	49.44	---	68.20	18.76	150.0	V	209.0	12.7
17781.656250	---	43.51	54.00	10.49	150.0	V	338.0	15.3

Frequency: 5785MHz



Limit and Margin

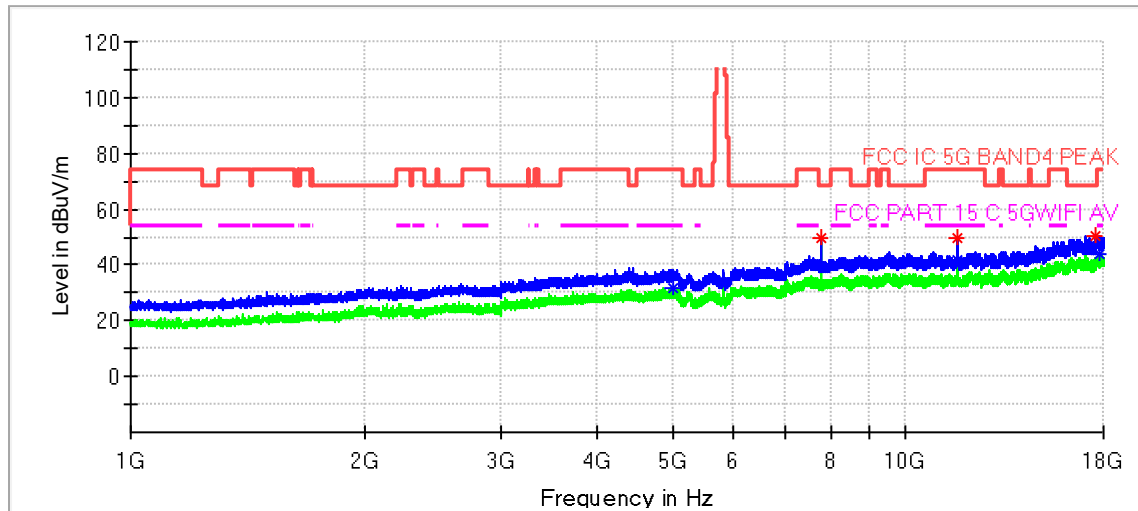
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5010.937500	---	31.70	54.00	22.30	150.0	H	227.0	-1.7
6534.562500	39.65	---	68.20	28.55	150.0	H	337.0	0.6
7713.406250	---	47.72	54.00	6.28	150.0	H	73.0	1.9
11570.812500	---	44.07	54.00	9.93	150.0	H	66.0	5.3
11570.812500	51.61	---	74.00	22.39	200.0	H	66.0	5.3
17099.531250	49.56	---	68.20	18.64	150.0	H	215.0	14.0



Limit and Margin

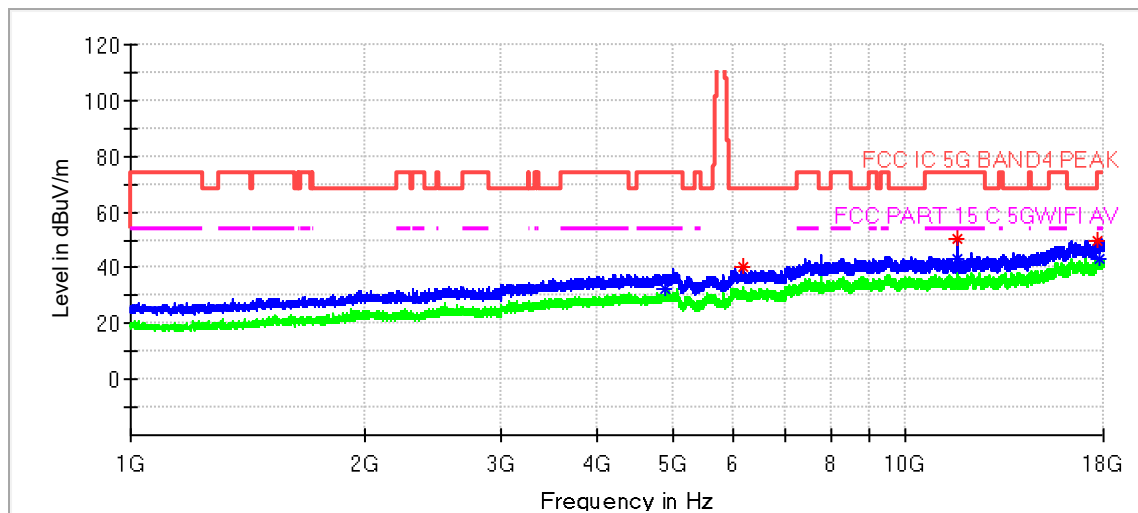
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5046.000000	---	31.66	54.00	22.34	150.0	V	193.0	-1.8
6756.093750	39.59	---	68.20	28.61	150.0	V	199.0	0.8
11569.218750	---	41.61	54.00	12.39	150.0	V	90.0	5.3
11569.750000	47.99	---	74.00	26.01	150.0	V	281.0	5.3
17689.218750	49.93	---	68.20	18.27	250.0	V	129.0	15.2
17956.437500	---	43.51	54.00	10.49	150.0	V	339.0	15.9

Frequency: 5825MHz



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5010.937500	---	31.54	54.00	22.46	300.0	H	72.0	-1.7
7766.531250	49.85	---	68.20	18.35	150.0	H	72.0	1.9
11647.843750	---	41.69	54.00	12.31	150.0	H	252.0	5.4
11649.437500	49.64	---	74.00	24.36	150.0	H	355.0	5.4
17615.375000	50.53	---	68.20	17.67	150.0	H	220.0	15.0
17782.718750	---	43.96	54.00	10.04	150.0	H	297.0	15.3

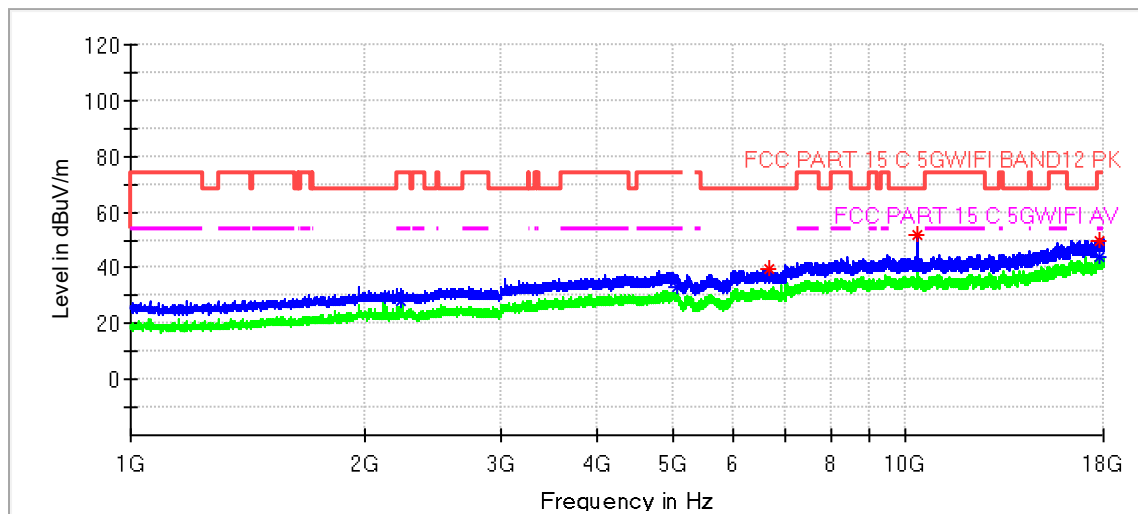


Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4898.843750	---	32.25	54.00	21.75	150.0	V	23.0	-1.9
6169.593750	40.08	---	68.20	28.12	150.0	V	269.0	-0.1
11649.437500	---	43.12	54.00	10.88	200.0	V	198.0	5.4
11655.812500	50.42	---	74.00	23.58	150.0	V	211.0	5.4
17669.562500	49.99	---	68.20	18.21	150.0	V	30.0	15.1
17822.031250	---	43.29	54.00	10.71	150.0	V	243.0	15.4

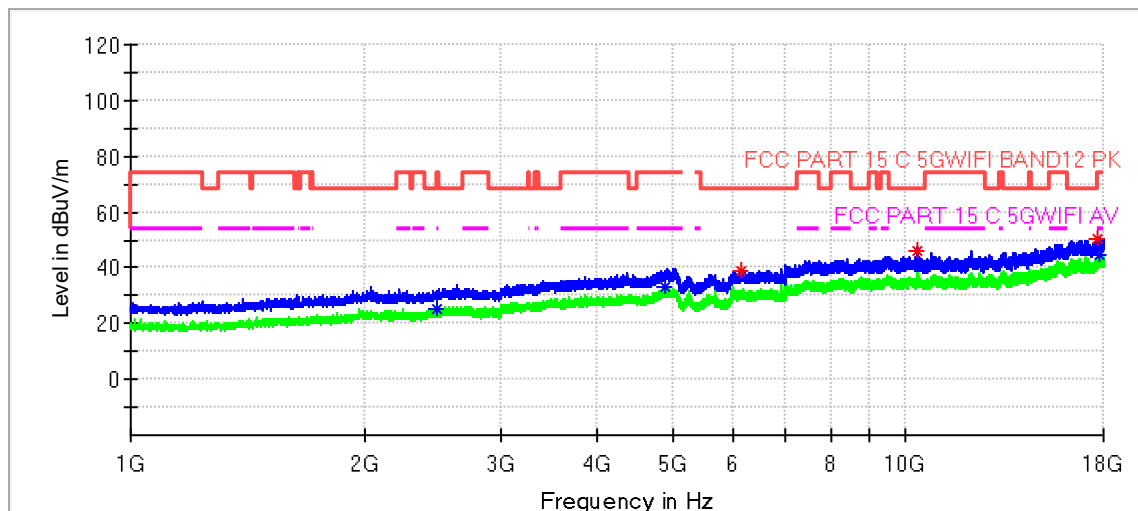
Radiated Emission 1-18 GHz at 802.11n20

Frequency: 5180MHz



Limit and Margin

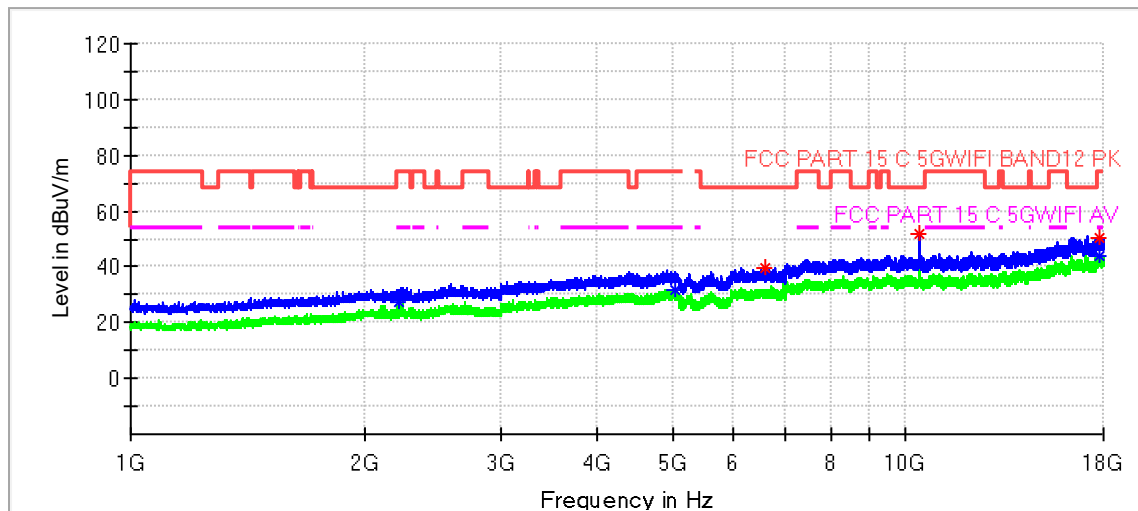
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2231.968750	---	27.90	54.00	26.10	150.0	H	83.0	-11.7
5059.812500	---	33.07	54.00	20.93	200.0	H	70.0	-1.8
6649.843750	39.40	---	68.20	28.80	150.0	H	141.0	0.7
10361.687500	52.09	---	68.20	16.11	150.0	H	218.0	4.3
17774.750000	49.95	---	74.00	24.05	300.0	H	295.0	15.3
17810.875000	---	43.62	54.00	10.38	150.0	H	0.0	15.4



Limit and Margin

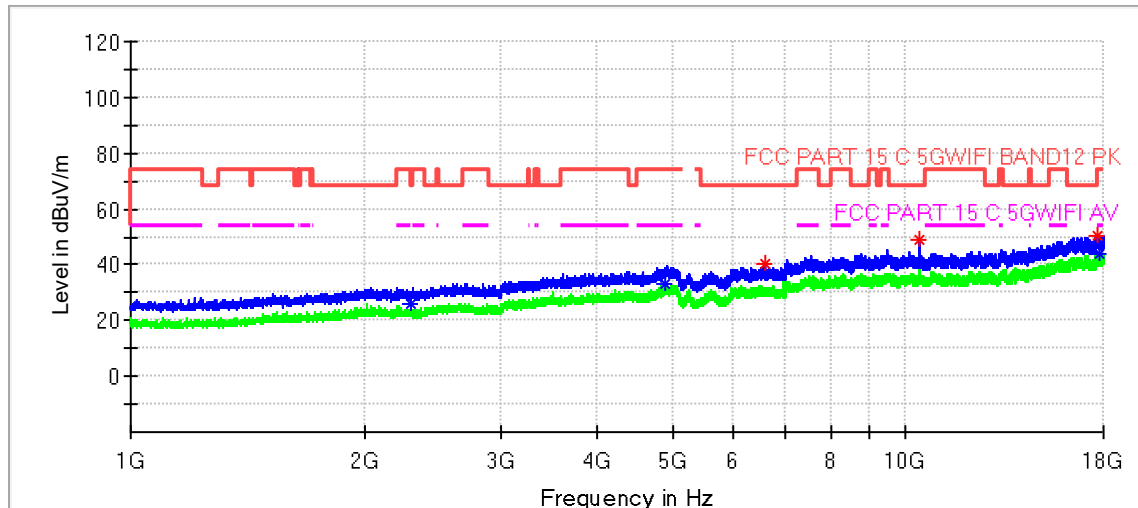
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.312500	---	25.30	54.00	28.70	150.0	V	205.0	-10.5
4903.093750	---	32.98	54.00	21.02	150.0	V	312.0	-1.9
6123.375000	39.08	---	68.20	29.12	200.0	V	166.0	0.0
10355.312500	46.40	---	68.20	21.80	150.0	V	179.0	4.3
17644.593750	50.09	---	68.20	18.11	300.0	V	179.0	15.1
17781.656250	---	44.31	54.00	9.69	150.0	V	293.0	15.3

Frequency: 5200MHz



Limit and Margin

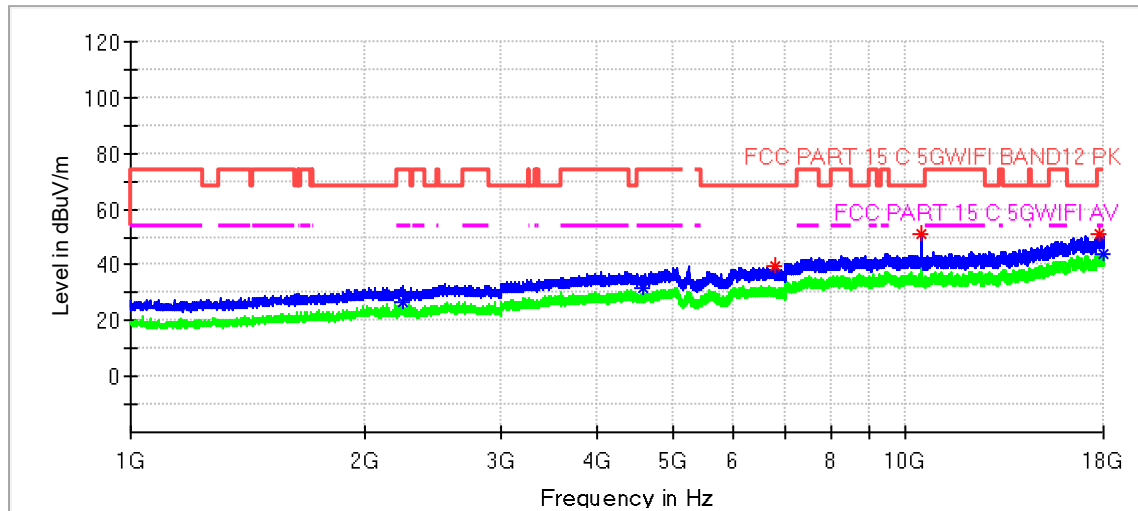
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2218.156250	---	27.47	54.00	26.53	150.0	H	80.0	-11.7
5049.187500	---	31.75	54.00	22.25	150.0	H	145.0	-1.8
6579.718750	39.69	---	68.20	28.51	200.0	H	306.0	0.7
10400.468750	51.89	---	68.20	16.31	150.0	H	355.0	4.4
17779.531250	---	43.99	54.00	10.01	300.0	H	67.0	15.3
17793.343750	50.03	---	74.00	23.97	150.0	H	222.0	15.3



Limit and Margin

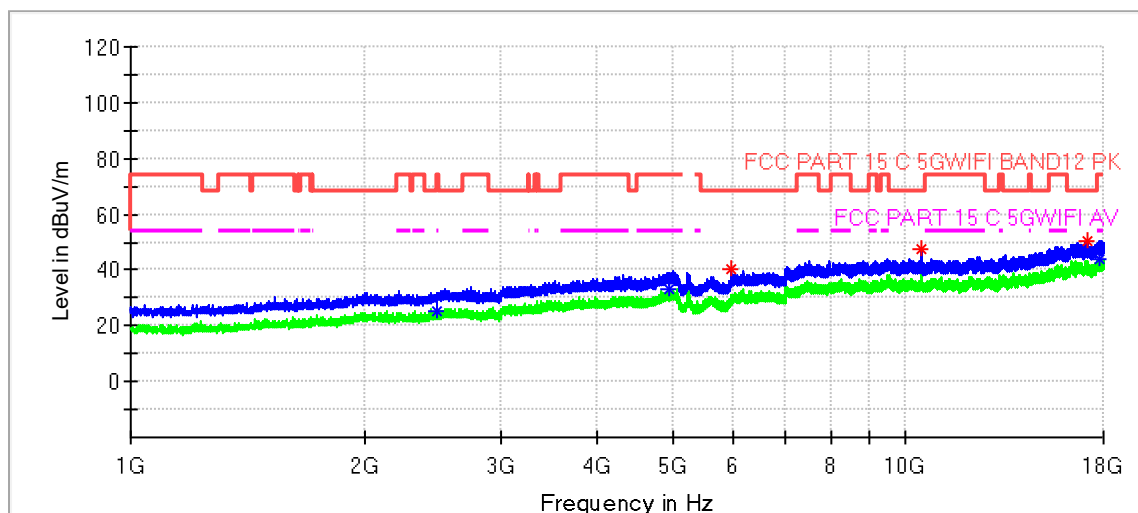
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2295.187500	---	25.70	54.00	28.30	150.0	V	44.0	-11.5
4880.781250	---	32.82	54.00	21.18	150.0	V	25.0	-2.0
6586.625000	39.98	---	68.20	28.22	150.0	V	183.0	0.7
10400.468750	48.76	---	68.20	19.44	200.0	V	202.0	4.4
17699.312500	50.14	---	68.20	18.06	150.0	V	76.0	15.2
17796.000000	---	43.65	54.00	10.35	300.0	V	89.0	15.3

Frequency: 5240MHz



Limit and Margin

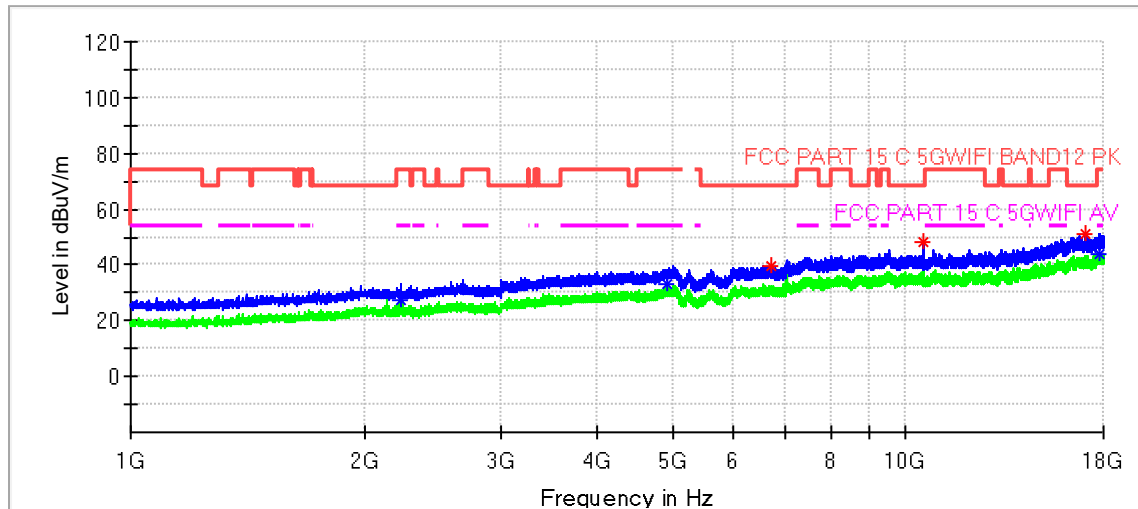
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2242.593750	---	26.75	54.00	27.25	150.0	H	312.0	-11.7
4585.937500	---	31.70	54.00	22.30	150.0	H	235.0	-3.1
6788.500000	39.25	---	68.20	28.95	200.0	H	348.0	0.8
10480.687500	50.82	---	68.20	17.38	300.0	H	209.0	4.4
17786.437500	50.75	---	74.00	23.25	150.0	H	354.0	15.3
17976.625000	---	43.60	54.00	10.40	150.0	H	267.0	15.9



Limit and Margin

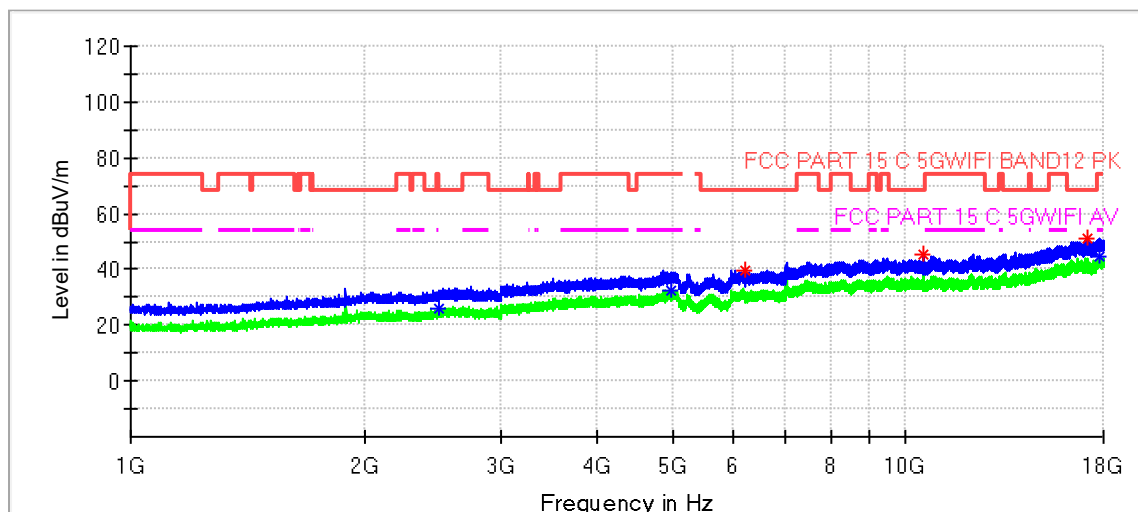
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.312500	---	25.15	54.00	28.85	300.0	V	345.0	-10.5
4946.656250	---	33.31	54.00	20.69	150.0	V	260.0	-1.8
5968.250000	40.46	---	68.20	27.74	200.0	V	260.0	-0.4
10480.156250	47.24	---	68.20	20.96	150.0	V	82.0	4.4
17116.000000	50.02	---	68.20	18.18	150.0	V	50.0	14.0
17779.000000	---	44.16	54.00	9.84	150.0	V	319.0	15.3

Frequency: 5260MHz



Limit and Margin

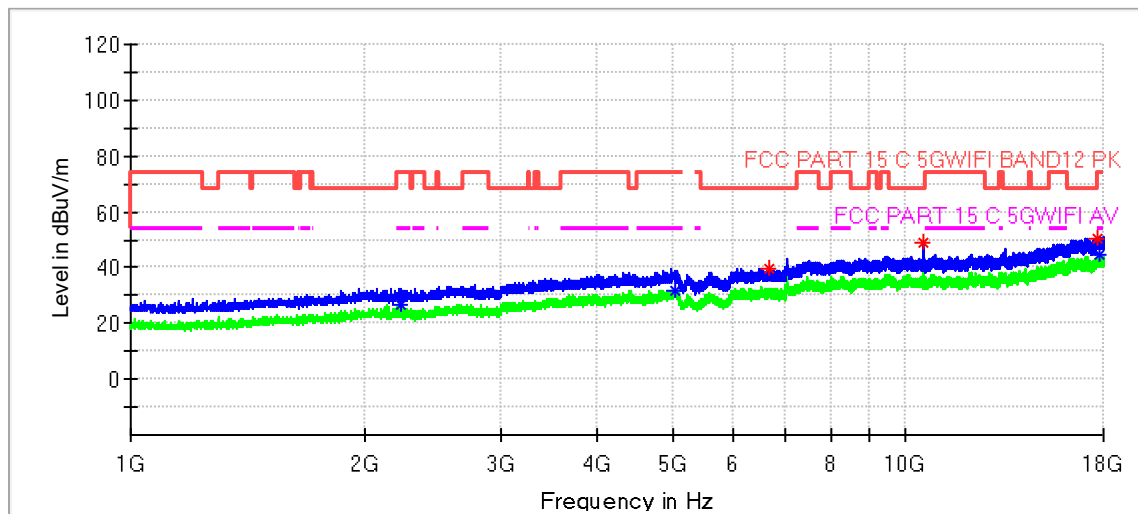
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2236.750000	---	27.09	54.00	26.91	150.0	H	328.0	-11.7
4929.656250	---	32.86	54.00	21.14	300.0	H	92.0	-1.9
6723.156250	39.47	---	68.20	28.73	150.0	H	150.0	0.7
10520.531250	48.46	---	68.20	19.74	150.0	H	15.0	4.4
17093.687500	50.94	---	68.20	17.26	150.0	H	8.0	14.0
17790.156250	---	43.88	54.00	10.12	150.0	H	351.0	15.3



Limit and Margin

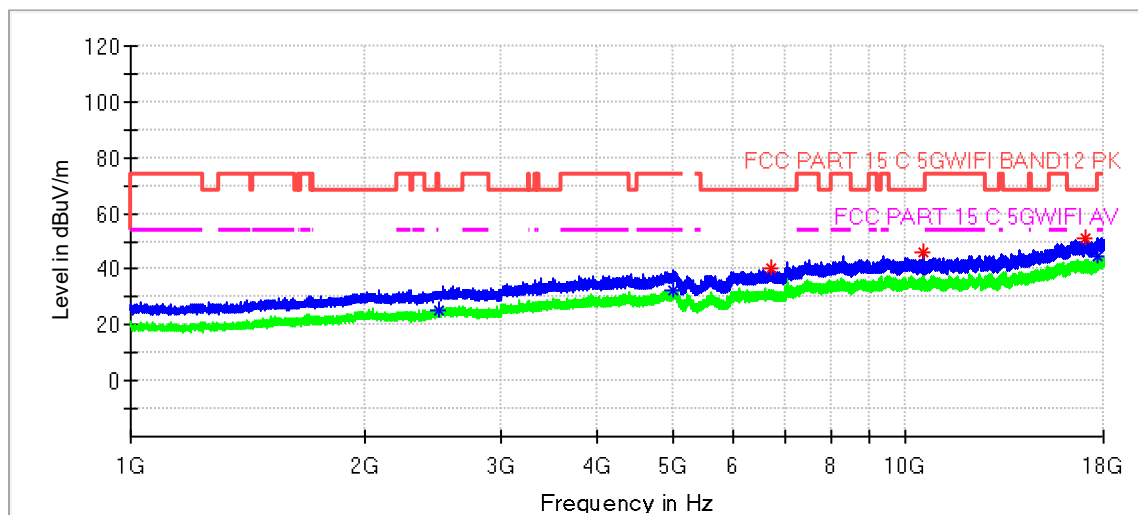
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2494.937500	---	25.62	54.00	28.38	150.0	V	106.0	-10.5
4990.218750	---	32.36	54.00	21.64	150.0	V	287.0	-1.7
6198.812500	39.81	---	68.20	28.39	300.0	V	113.0	-0.1
10520.000000	45.64	---	68.20	22.56	150.0	V	69.0	4.4
17185.593750	50.74	---	68.20	17.46	150.0	V	170.0	14.1
17776.875000	---	44.93	54.00	9.07	150.0	V	113.0	15.3

Frequency: 5280MHz



Limit and Margin

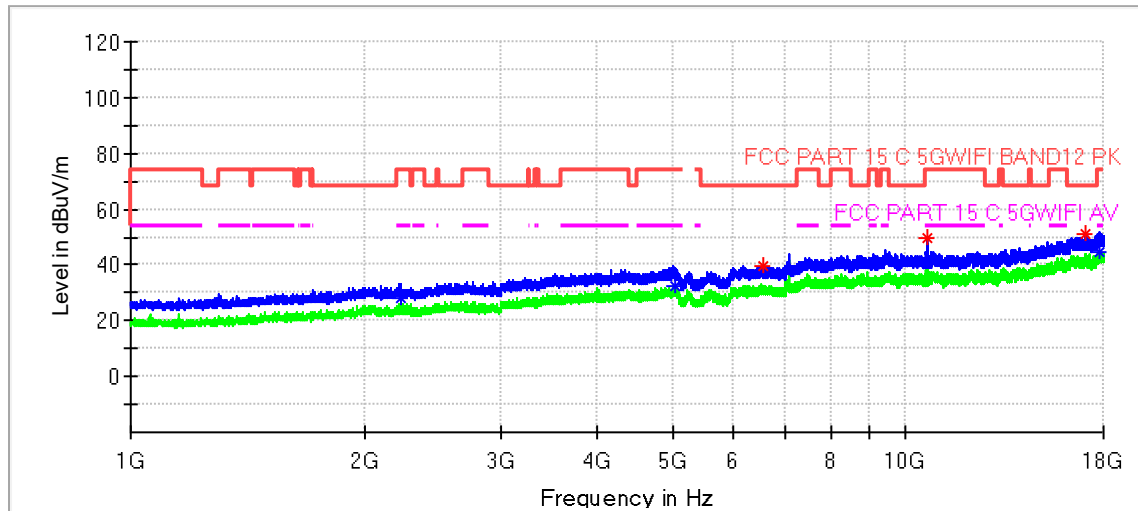
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2237.281250	---	26.96	54.00	27.04	150.0	H	288.0	-11.7
5039.093750	---	31.87	54.00	22.13	300.0	H	294.0	-1.8
6668.437500	39.74	---	68.20	28.46	150.0	H	225.0	0.7
10560.906250	48.68	---	68.20	19.52	150.0	H	0.0	4.4
17629.718750	50.64	---	68.20	17.56	150.0	H	332.0	15.0
17819.906250	---	44.33	54.00	9.67	150.0	H	148.0	15.4



Limit and Margin

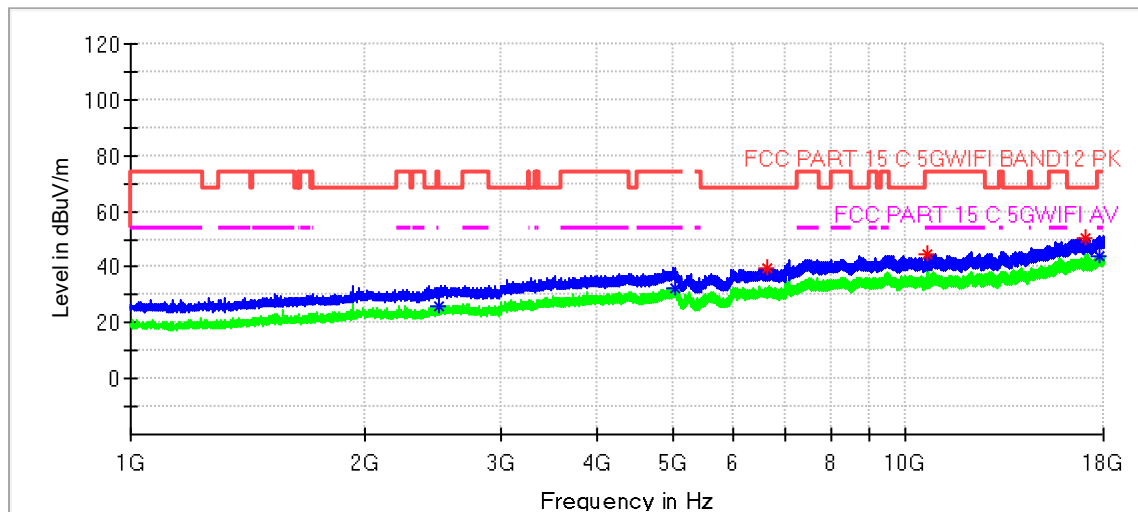
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2497.062500	---	25.21	54.00	28.79	150.0	V	0.0	-10.5
5015.187500	---	32.65	54.00	21.35	150.0	V	280.0	-1.7
6722.093750	40.52	---	68.20	27.68	200.0	V	241.0	0.7
10560.906250	45.92	---	68.20	22.28	150.0	V	151.0	4.4
17107.500000	51.03	---	68.20	17.17	150.0	V	138.0	14.0
17715.250000	---	44.80	54.00	9.20	150.0	V	125.0	15.2

Frequency: 5320MHz



Limit and Margin

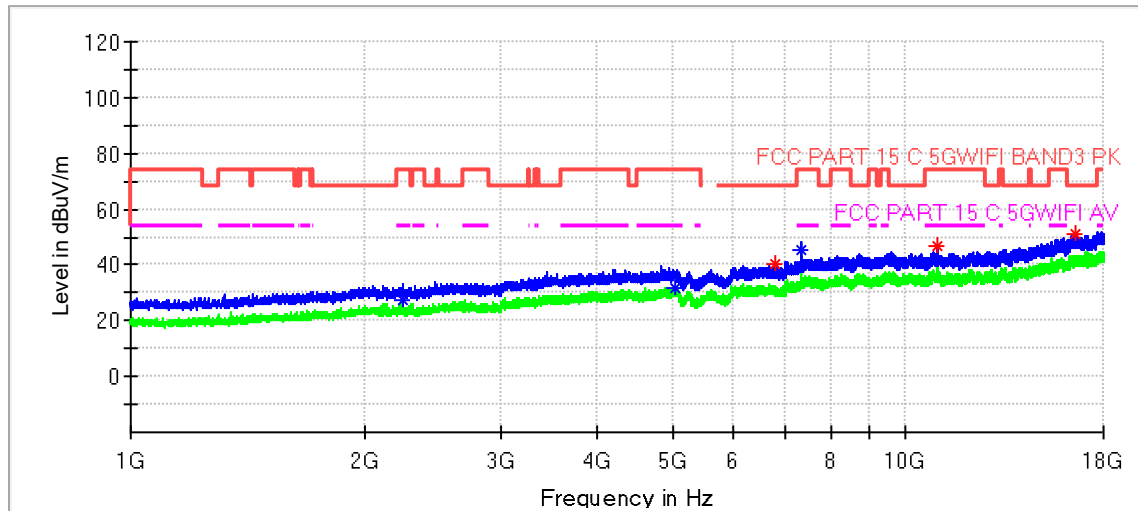
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2231.437500	---	27.76	54.00	26.24	200.0	H	314.0	-11.7
5036.968750	---	32.34	54.00	21.66	150.0	H	333.0	-1.8
6545.187500	39.80	---	68.20	28.40	150.0	H	84.0	0.6
10641.125000	49.86	---	74.00	24.14	150.0	H	0.0	4.4
17108.031250	51.06	---	68.20	17.14	150.0	H	289.0	14.0
17800.781250	---	44.28	54.00	9.72	150.0	H	283.0	15.3



Limit and Margin

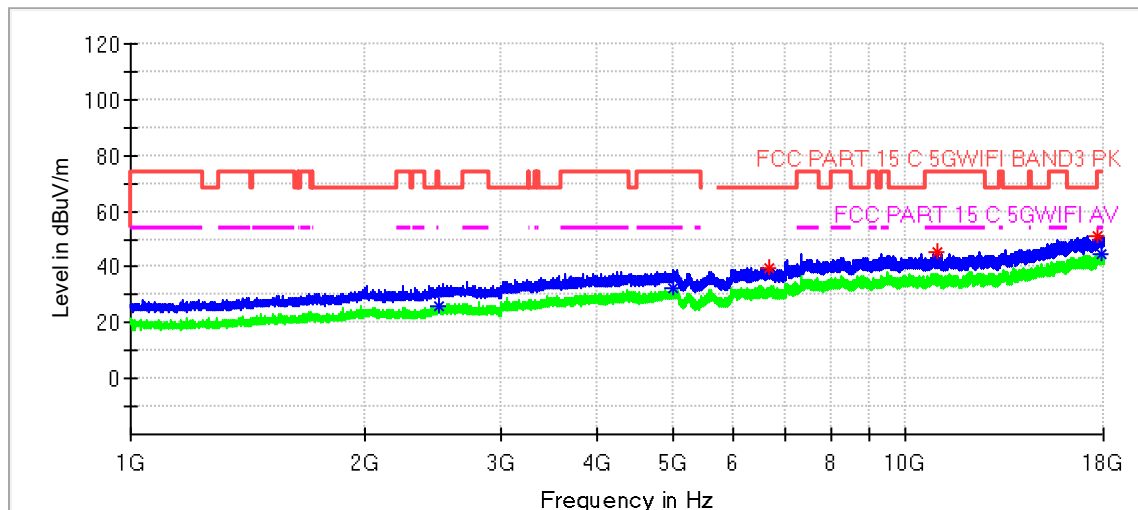
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2498.125000	---	25.67	54.00	28.33	150.0	V	286.0	-10.5
5027.937500	---	32.46	54.00	21.54	150.0	V	299.0	-1.7
6639.750000	39.34	---	68.20	28.86	200.0	V	241.0	0.7
10640.062500	44.75	---	74.00	29.25	150.0	V	160.0	4.4
17095.281250	50.44	---	68.20	17.76	150.0	V	141.0	14.0
17810.875000	---	44.25	54.00	9.75	150.0	V	267.0	15.4

Frequency: 5500MHz



Limit and Margin

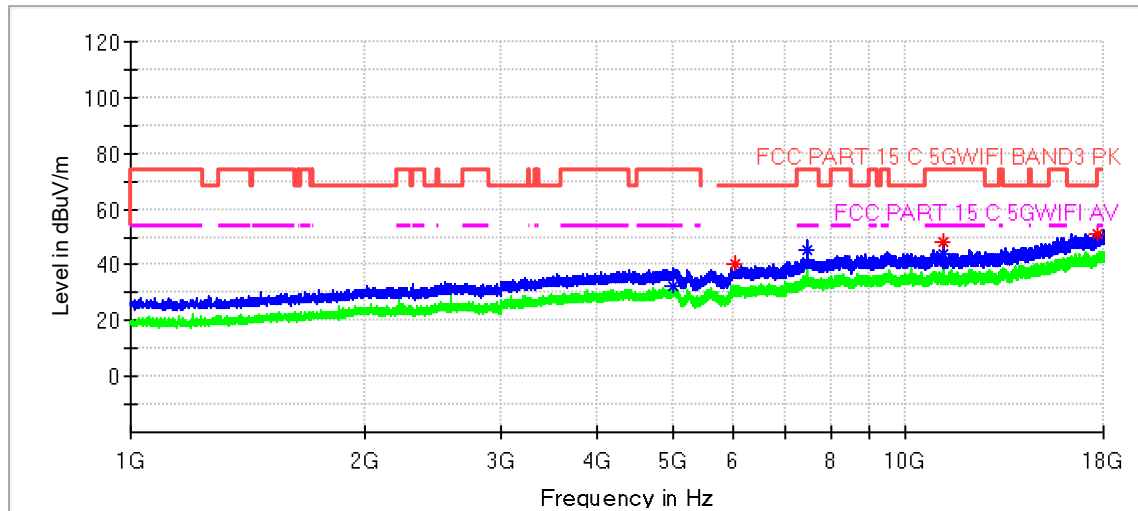
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2241.531250	---	27.23	54.00	26.77	200.0	H	60.0	-11.8
5027.937500	---	32.04	54.00	21.96	150.0	H	149.0	-1.7
6775.218750	40.09	---	68.20	28.11	150.0	H	274.0	0.8
7333.031250	---	45.11	54.00	8.89	150.0	H	72.0	1.3
11000.781250	46.53	---	74.00	27.47	150.0	H	300.0	4.8
16528.437500	50.75	---	68.20	17.45	150.0	H	34.0	12.8



Limit and Margin

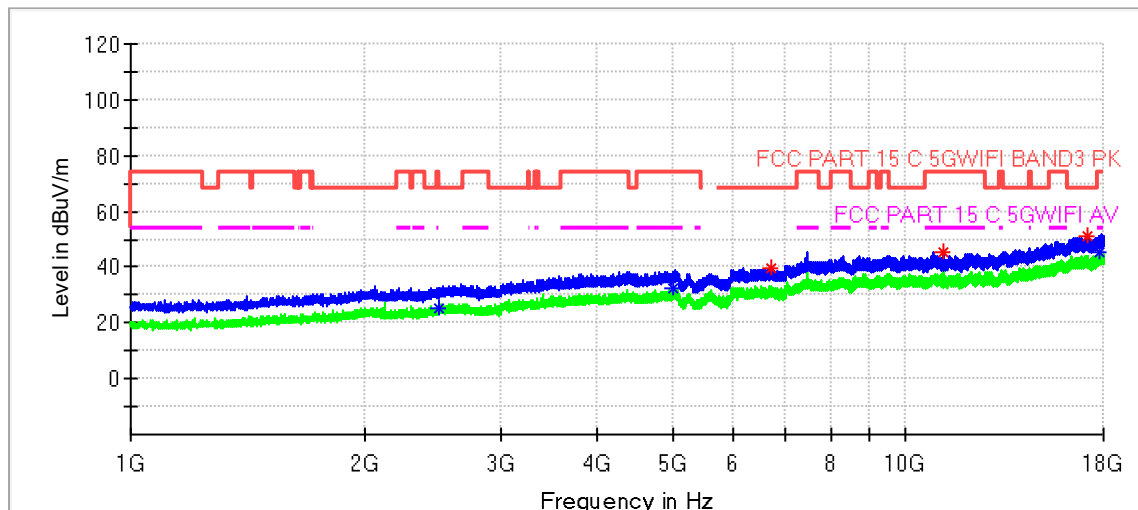
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2493.343750	---	25.67	54.00	28.33	150.0	V	0.0	-10.5
5008.281250	---	32.07	54.00	21.93	200.0	V	325.0	-1.7
6663.656250	39.78	---	68.20	28.42	150.0	V	256.0	0.7
11000.781250	45.65	---	74.00	28.35	150.0	V	218.0	4.8
17662.125000	51.10	---	68.20	17.10	150.0	V	308.0	15.1
17892.687500	---	44.75	54.00	9.25	150.0	V	63.0	15.6

Frequency: 5600MHz



Limit and Margin

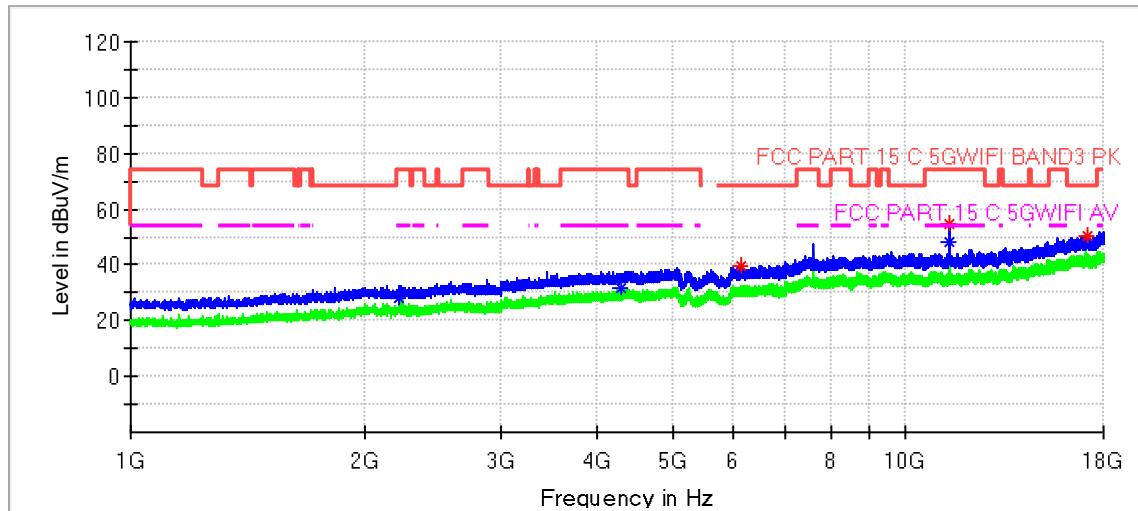
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5025.281250	---	32.34	54.00	21.66	150.0	H	308.0	-1.7
6013.406250	40.16	---	68.20	28.04	200.0	H	141.0	-0.2
7466.906250	---	45.69	54.00	8.31	150.0	H	60.0	1.6
11200.531250	48.27	---	74.00	25.73	150.0	H	66.0	5.1
11201.062500	---	44.01	54.00	9.99	150.0	H	251.0	5.1
17666.375000	51.28	---	68.20	16.92	150.0	H	141.0	15.1



Limit and Margin

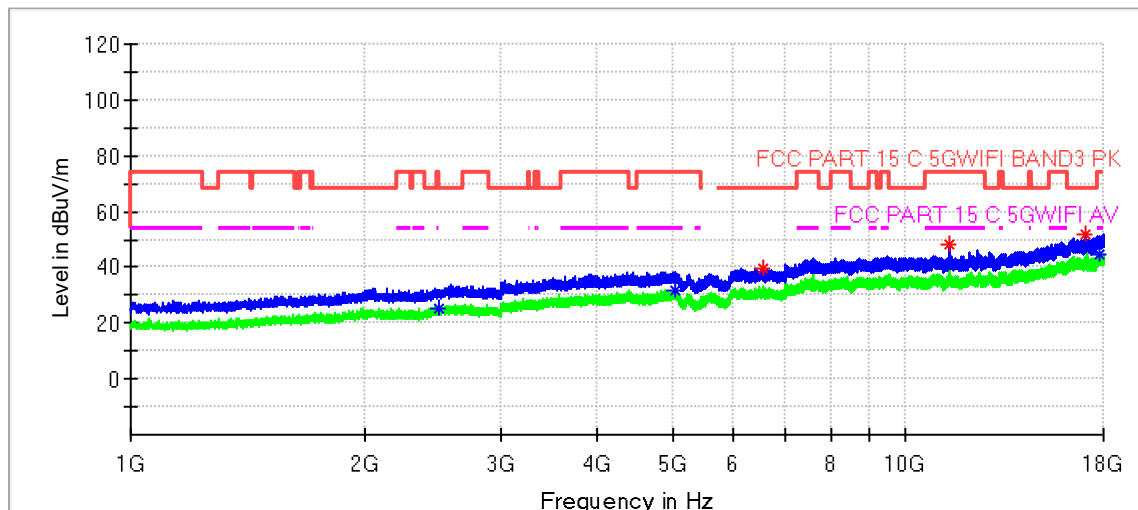
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2494.937500	---	25.48	54.00	28.52	150.0	V	17.0	-10.5
5001.906250	---	32.60	54.00	21.40	150.0	V	110.0	-1.7
6697.656250	39.32	---	68.20	28.88	150.0	V	162.0	0.7
11200.000000	45.25	---	74.00	28.75	150.0	V	104.0	5.1
17145.218750	50.92	---	68.20	17.28	200.0	V	182.0	14.0
17809.281250	---	45.22	54.00	8.78	150.0	V	265.0	15.4

Frequency: 5700MHz



Limit and Margin

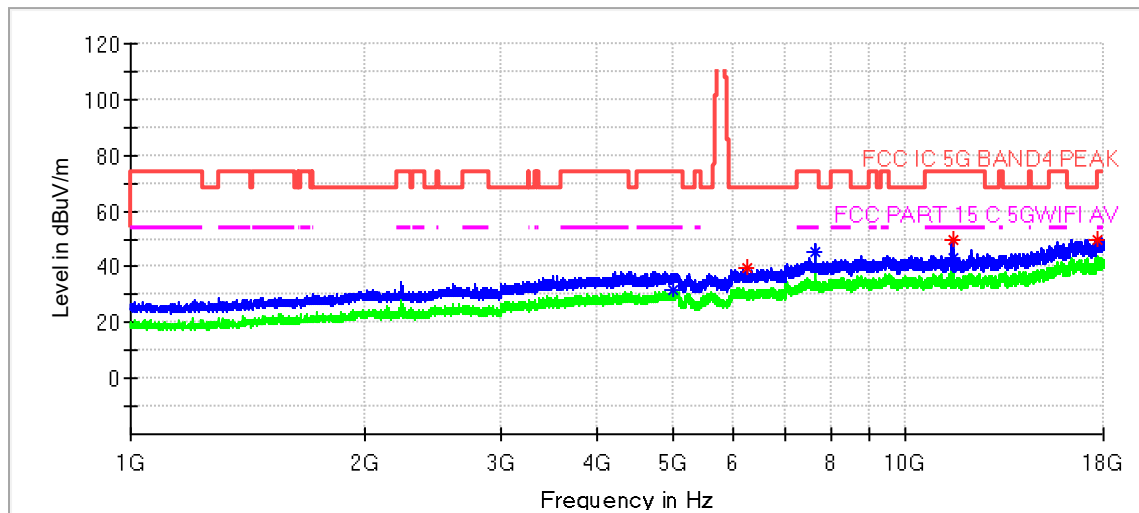
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2217.625000	---	27.86	54.00	26.14	150.0	H	303.0	-11.7
4301.718750	---	32.00	54.00	22.00	150.0	H	144.0	-3.3
6128.687500	39.78	---	68.20	28.42	150.0	H	354.0	0.0
11400.281250	54.64	---	74.00	19.36	150.0	H	259.0	5.2
11401.343750	---	47.87	54.00	6.13	150.0	H	68.0	5.2
17166.468750	50.64	---	68.20	17.56	200.0	H	202.0	14.1



Limit and Margin

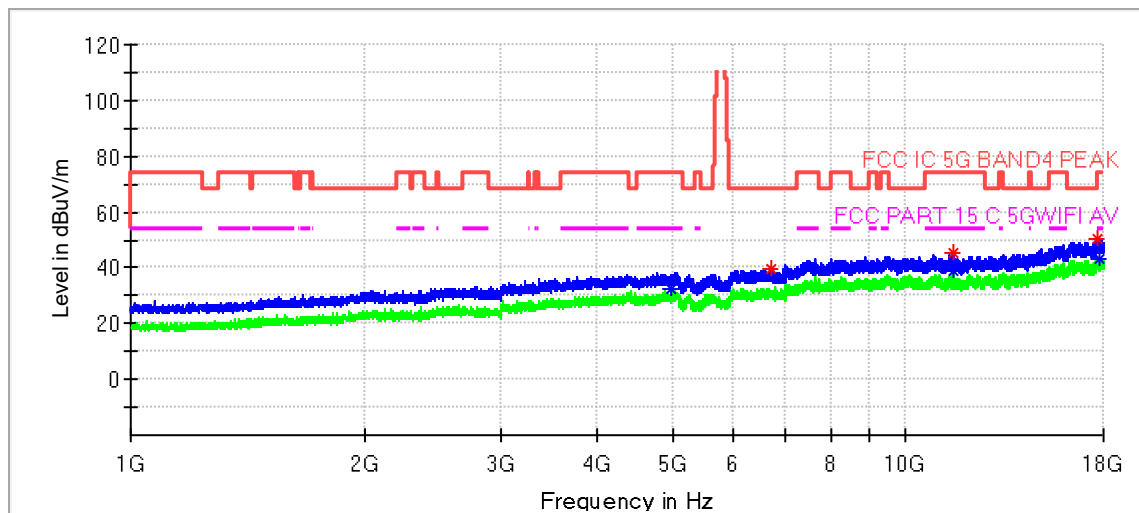
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2499.718750	---	25.50	54.00	28.50	150.0	V	230.0	-10.4
5035.906250	---	31.62	54.00	22.38	200.0	V	97.0	-1.8
6543.062500	39.72	---	68.20	28.48	150.0	V	21.0	0.6
11400.281250	48.43	---	74.00	25.57	150.0	V	334.0	5.2
17103.781250	51.72	---	68.20	16.48	300.0	V	262.0	14.0
17814.593750	---	44.63	54.00	9.37	150.0	V	288.0	15.4

Frequency: 5745MHz



Limit and Margin

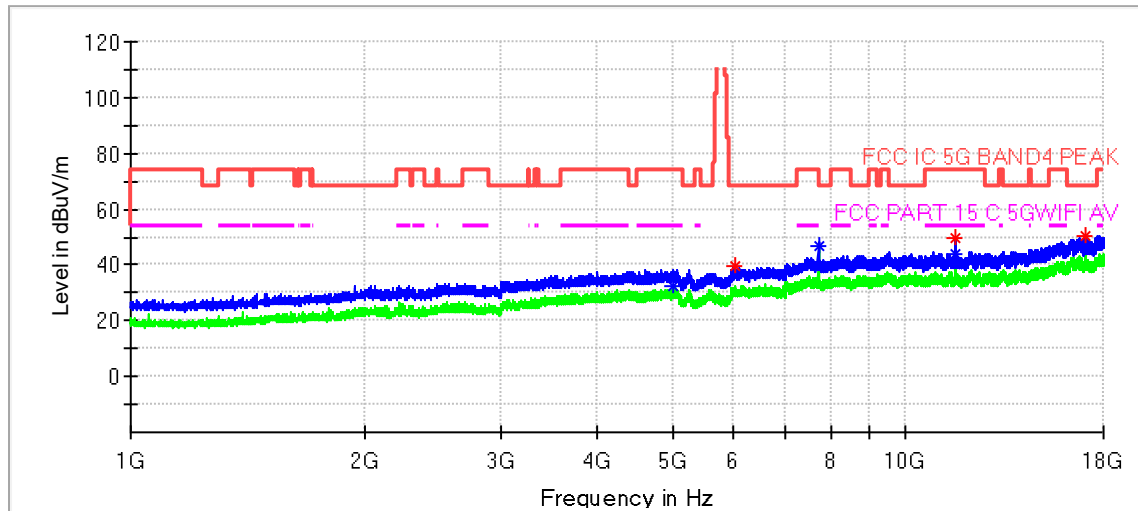
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5025.281250	---	31.62	54.00	22.38	200.0	H	253.0	-1.7
6233.875000	39.63	---	68.20	28.57	150.0	H	8.0	-0.1
7659.750000	---	45.42	54.00	8.58	150.0	H	73.0	1.9
11490.593750	49.32	---	74.00	24.68	300.0	H	253.0	5.3
11491.656250	---	43.16	54.00	10.84	150.0	H	253.0	5.3
17675.406250	49.69	---	68.20	18.51	150.0	H	151.0	15.1



Limit and Margin

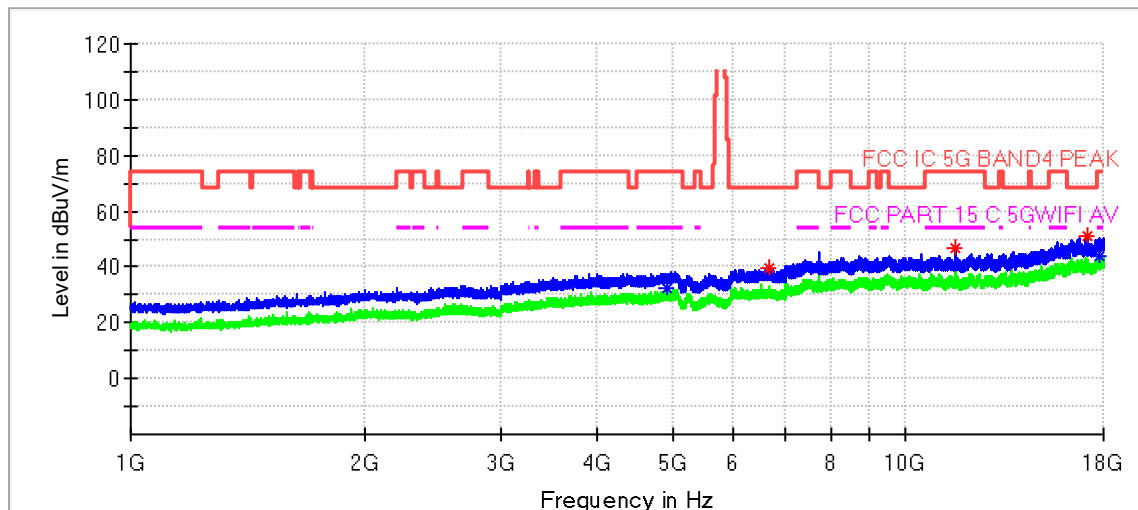
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4990.218750	---	32.07	54.00	21.93	150.0	V	312.0	-1.7
6702.437500	39.63	---	68.20	28.57	150.0	V	99.0	0.7
11489.000000	---	39.03	54.00	14.98	300.0	V	280.0	5.3
11492.718750	45.68	---	74.00	28.32	150.0	V	105.0	5.3
17659.468750	50.43	---	68.20	17.77	150.0	V	352.0	15.1
17798.656250	---	43.33	54.00	10.67	150.0	V	247.0	15.3

Frequency: 5785MHz



Limit and Margin

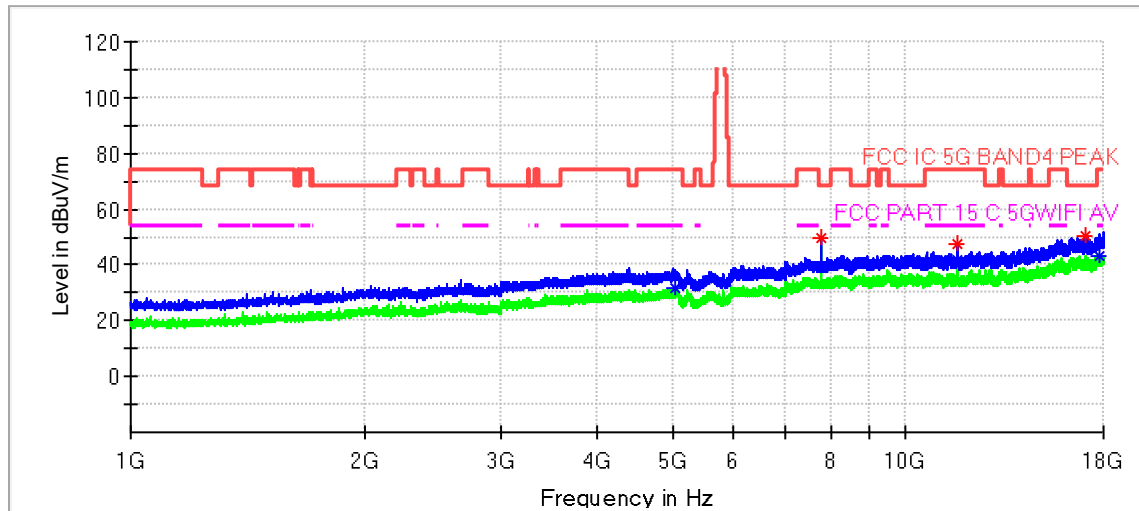
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5007.218750	---	32.37	54.00	21.63	150.0	H	80.0	-1.7
6010.750000	39.39	---	68.20	28.81	150.0	H	157.0	-0.2
7713.406250	---	46.77	54.00	7.23	150.0	H	67.0	1.9
11570.812500	49.78	---	74.00	24.22	150.0	H	253.0	5.3
11571.343750	---	44.22	54.00	9.78	150.0	H	73.0	5.3
17101.656250	50.15	---	68.20	18.05	200.0	H	286.0	14.0



Limit and Margin

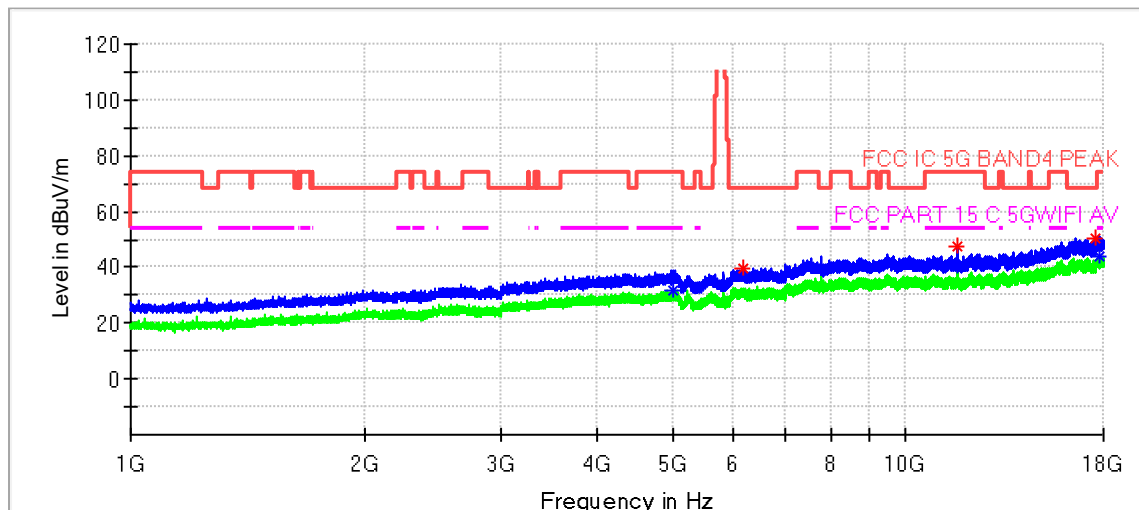
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4920.625000	---	32.46	54.00	21.54	150.0	V	201.0	-1.9
6684.375000	39.31	---	68.20	28.89	150.0	V	338.0	0.7
11570.281250	46.51	---	74.00	27.49	300.0	V	104.0	5.3
11571.343750	---	40.87	54.00	13.13	150.0	V	228.0	5.3
17121.312500	50.87	---	68.20	17.33	150.0	V	111.0	14.0
17782.718750	---	43.91	54.00	10.09	150.0	V	104.0	15.3

Frequency: 5825MHz



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5042.281250	---	31.60	54.00	22.40	150.0	H	227.0	-1.8
7766.531250	49.43	---	68.20	18.77	200.0	H	73.0	1.9
11648.906250	---	41.66	54.00	12.34	150.0	H	73.0	5.4
11651.562500	47.62	---	74.00	26.38	150.0	H	67.0	5.4
17105.375000	50.36	---	68.20	17.84	150.0	H	310.0	14.0
17795.468750	---	43.51	54.00	10.49	150.0	H	278.0	15.3

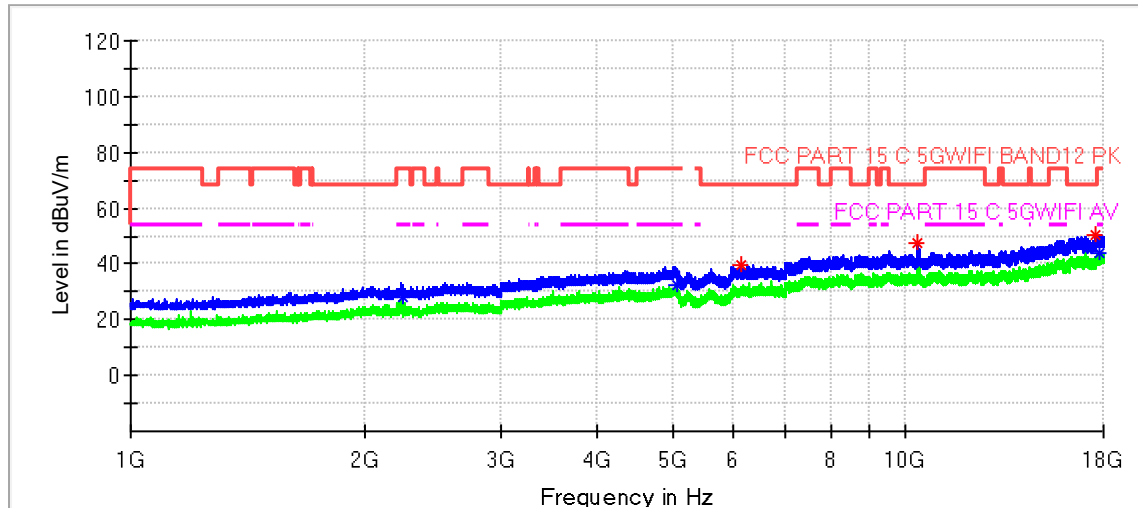


Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5009.343750	---	31.97	54.00	22.03	150.0	V	140.0	-1.7
6179.156250	39.81	---	68.20	28.39	300.0	V	312.0	-0.1
11643.593750	---	40.33	54.00	13.67	150.0	V	209.0	5.4
11649.968750	47.78	---	74.00	26.22	150.0	V	254.0	5.4
17625.468750	50.16	---	68.20	18.04	150.0	V	190.0	15.0
17788.562500	---	44.18	54.00	9.82	150.0	V	280.0	15.3

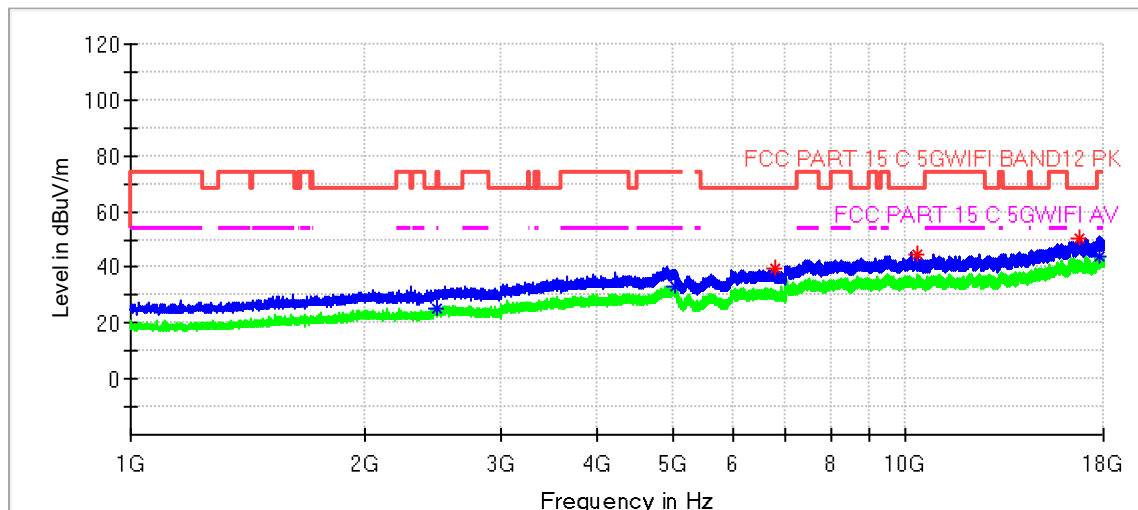
Radiated Emission 1-18 GHz at 802.11n40

Frequency: 5190MHz



Limit and Margin

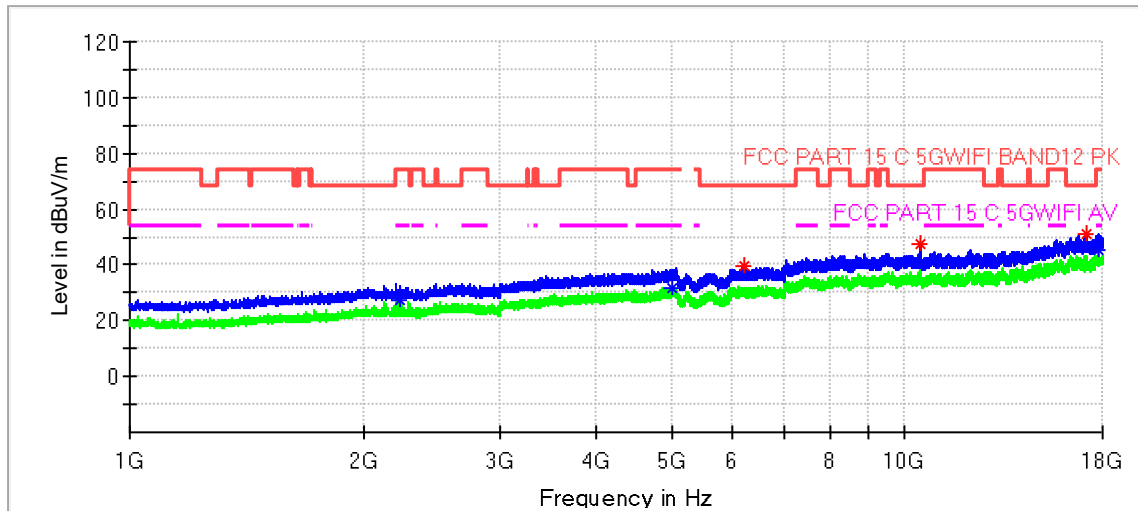
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2242.062500	---	27.77	54.00	26.23	150.0	H	80.0	-11.8
5072.562500	---	32.50	54.00	21.50	200.0	H	300.0	-1.8
6146.218750	39.49	---	68.20	28.71	150.0	H	186.0	0.0
10381.343750	47.35	---	68.20	20.85	150.0	H	224.0	4.3
17616.968750	50.06	---	68.20	18.14	150.0	H	294.0	15.0
17819.375000	---	43.79	54.00	10.21	150.0	H	169.0	15.4



Limit and Margin

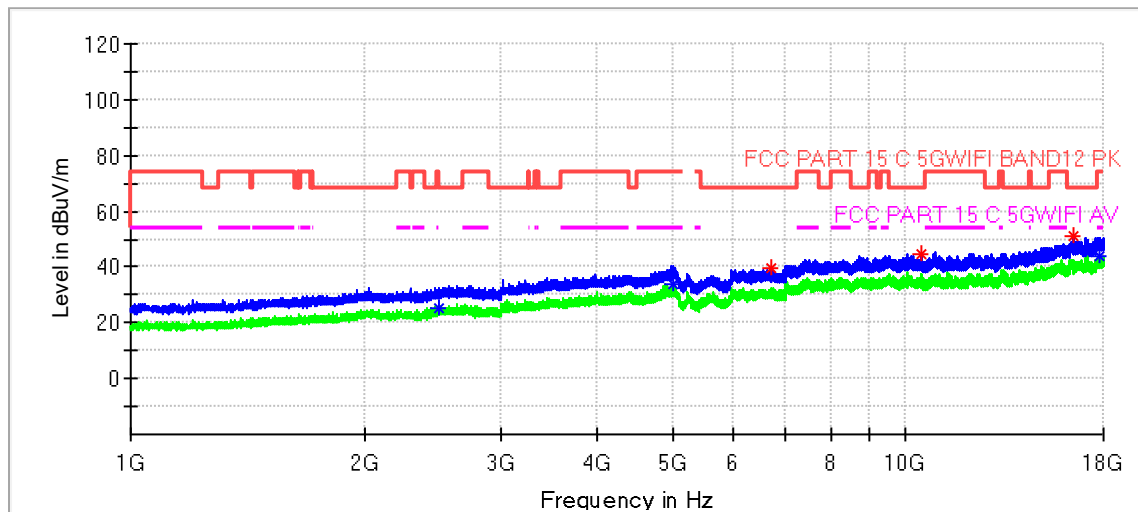
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.312500	---	25.46	54.00	28.54	150.0	V	345.0	-10.5
5048.125000	---	33.05	54.00	20.95	200.0	V	116.0	-1.8
6786.906250	39.61	---	68.20	28.59	150.0	V	0.0	0.8
10382.406250	44.27	---	68.20	23.93	150.0	V	204.0	4.3
16759.000000	50.01	---	68.20	18.19	300.0	V	178.0	13.2
17784.312500	---	43.67	54.00	10.33	150.0	V	71.0	15.3

Frequency: 5230MHz



Limit and Margin

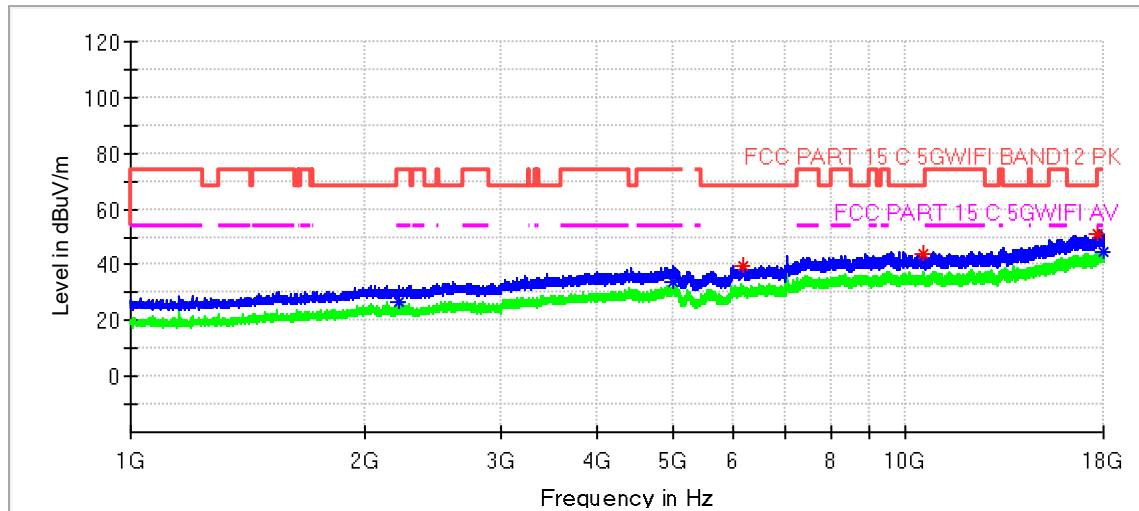
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2229.843750	---	27.15	54.00	26.85	150.0	H	78.0	-11.7
5005.625000	---	31.80	54.00	22.20	150.0	H	302.0	-1.7
6219.000000	39.34	---	68.20	28.86	150.0	H	359.0	-0.1
10459.968750	47.82	---	68.20	20.38	200.0	H	251.0	4.4
17125.562500	50.76	---	68.20	17.44	150.0	H	174.0	14.0
17786.437500	---	45.08	54.00	8.92	150.0	H	78.0	15.3



Limit and Margin

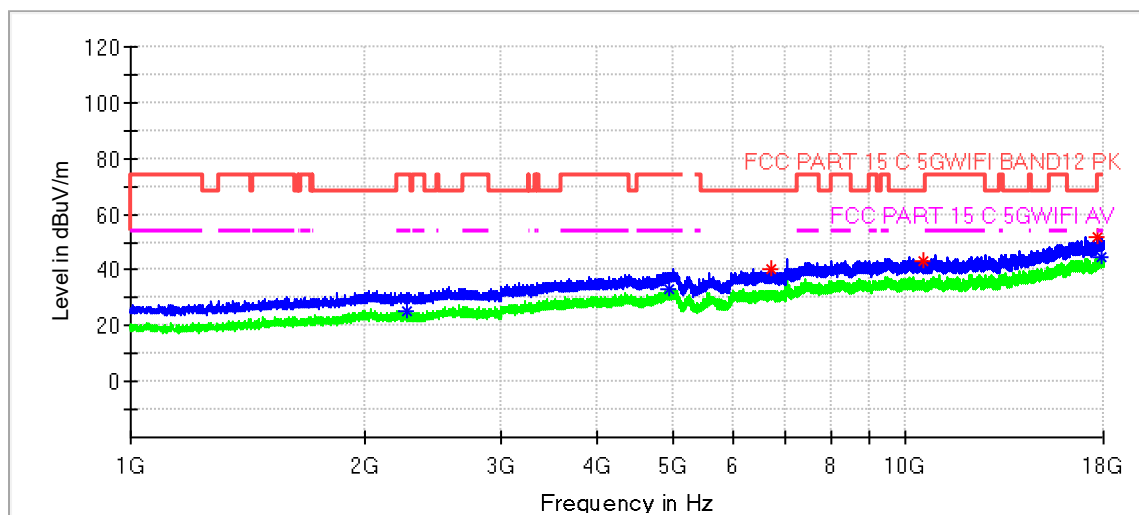
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2493.875000	---	25.26	54.00	28.74	150.0	V	135.0	-10.5
5021.562500	---	33.75	54.00	20.25	150.0	V	167.0	-1.7
6726.343750	39.57	---	68.20	28.63	150.0	V	78.0	0.7
10459.437500	44.47	---	68.20	23.73	200.0	V	167.0	4.4
16440.250000	50.82	---	68.20	17.38	150.0	V	0.0	12.6
17784.843750	---	44.07	54.00	9.93	150.0	V	90.0	15.3

Frequency: 5270MHz



Limit and Margin

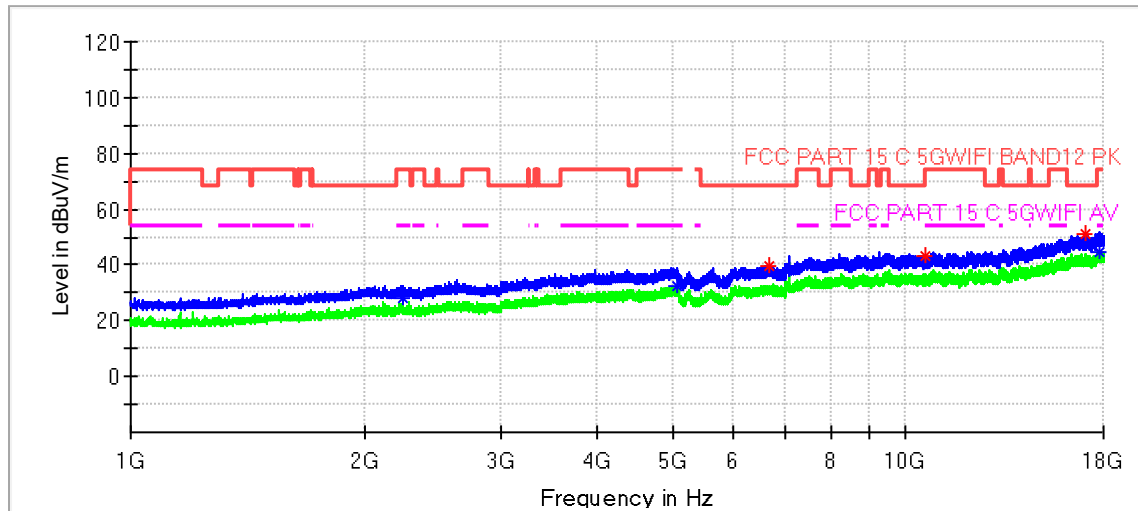
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2217.093750	---	26.92	54.00	27.08	150.0	H	61.0	-11.7
4997.125000	---	33.63	54.00	20.37	150.0	H	291.0	-1.7
6168.000000	39.82	---	68.20	28.38	300.0	H	253.0	-0.1
10546.031250	44.02	---	68.20	24.18	150.0	H	0.0	4.4
17688.687500	51.19	---	68.20	17.01	150.0	H	48.0	15.2
17965.468750	---	44.78	54.00	9.22	150.0	H	266.0	15.9



Limit and Margin

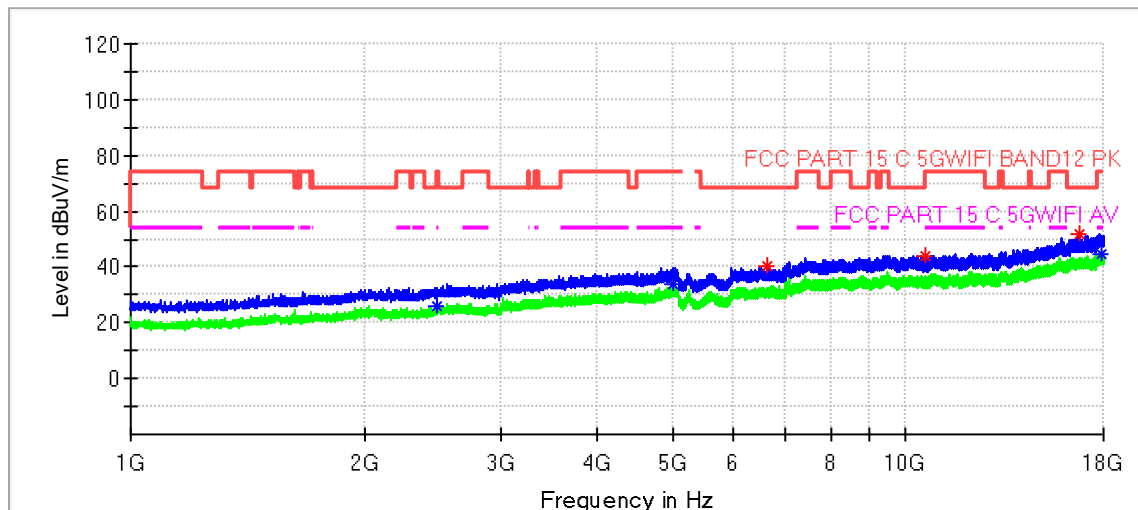
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2265.968750	---	25.38	54.00	28.62	150.0	V	14.0	-11.7
4949.843750	---	33.31	54.00	20.69	300.0	V	268.0	-1.8
6695.000000	40.37	---	68.20	27.83	150.0	V	281.0	0.7
10533.281250	43.09	---	68.20	25.11	150.0	V	0.0	4.4
17648.312500	52.01	---	68.20	16.19	150.0	V	320.0	15.1
17893.218750	---	44.90	54.00	9.10	150.0	V	184.0	15.6

Frequency: 5310MHz



Limit and Margin

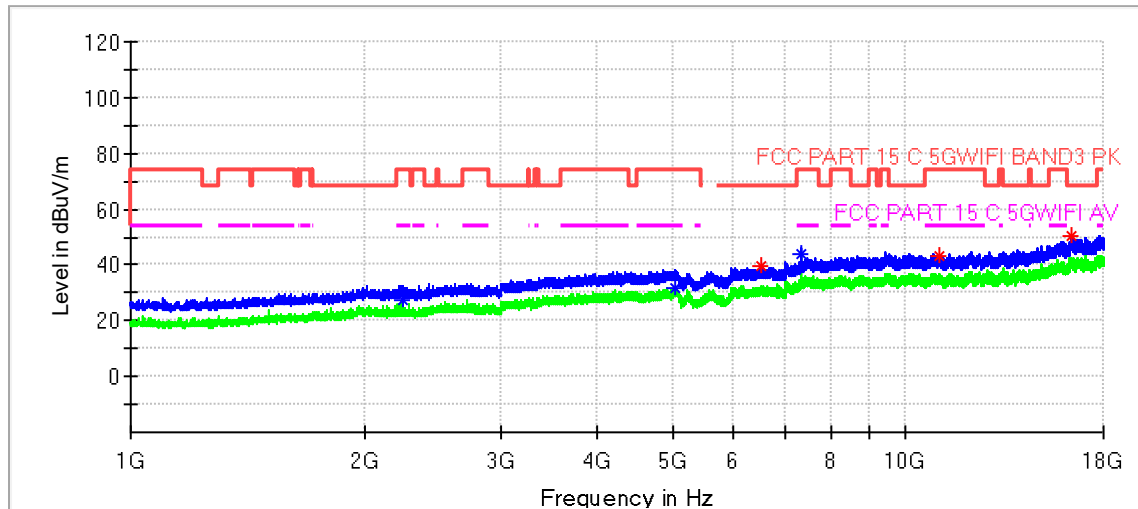
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2242.062500	---	28.03	54.00	25.97	150.0	H	34.0	-11.8
5069.906250	---	32.10	54.00	21.90	150.0	H	79.0	-1.8
6675.875000	39.47	---	68.20	28.73	150.0	H	124.0	0.7
10617.750000	42.98	---	74.00	31.02	300.0	H	142.0	4.4
17106.968750	51.26	---	68.20	16.94	150.0	H	337.0	14.0
17785.375000	---	44.81	54.00	9.19	150.0	H	155.0	15.3



Limit and Margin

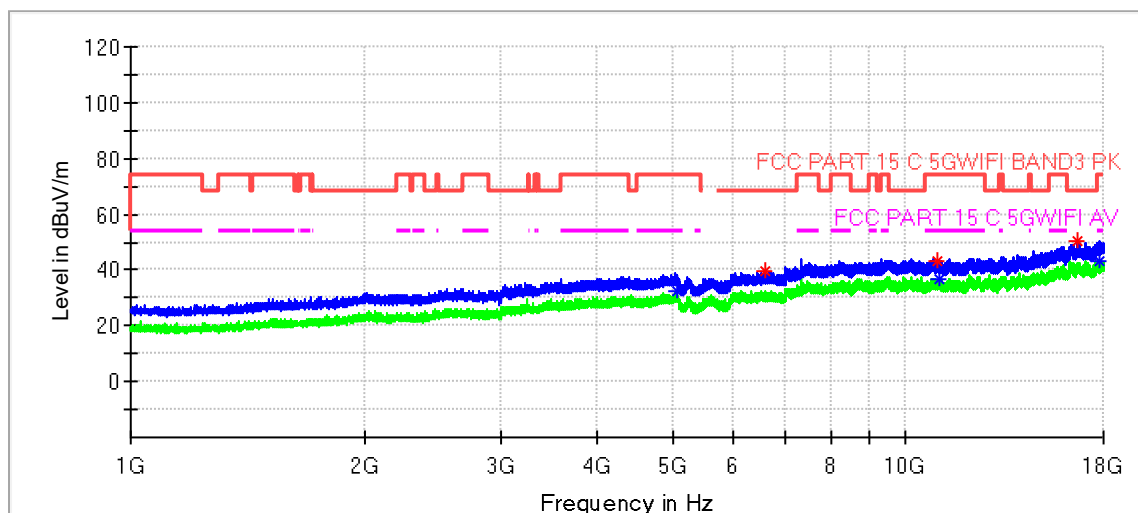
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2486.968750	---	25.92	54.00	28.08	150.0	V	135.0	-10.5
5021.031250	---	33.83	54.00	20.17	300.0	V	274.0	-1.7
6622.218750	40.35	---	68.20	27.85	150.0	V	0.0	0.7
10618.812500	43.71	---	74.00	30.29	150.0	V	65.0	4.4
16743.062500	52.03	---	68.20	16.17	150.0	V	241.0	13.1
17902.250000	---	44.64	54.00	9.36	150.0	V	203.0	15.7

Frequency: 5510MHz



Limit and Margin

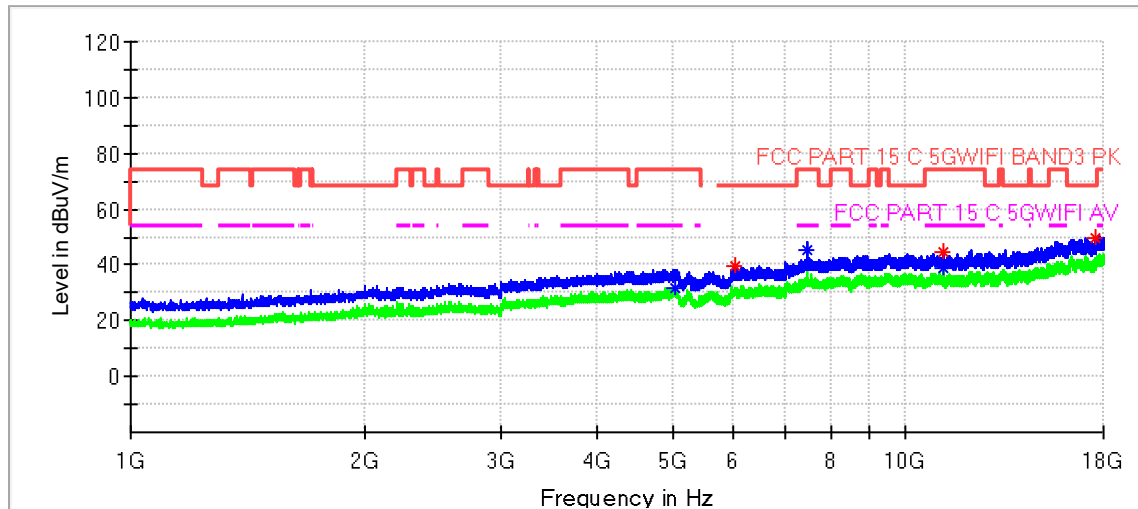
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2241.000000	---	27.38	54.00	26.62	150.0	H	315.0	-11.8
5030.593750	---	31.96	54.00	22.04	150.0	H	308.0	-1.7
6520.750000	39.60	---	68.20	28.60	150.0	H	129.0	0.6
7346.843750	---	43.69	54.00	10.31	250.0	H	73.0	1.3
11032.125000	43.43	---	74.00	30.57	150.0	H	200.0	4.9
16349.937500	50.29	---	68.20	17.91	150.0	H	244.0	12.5



Limit and Margin

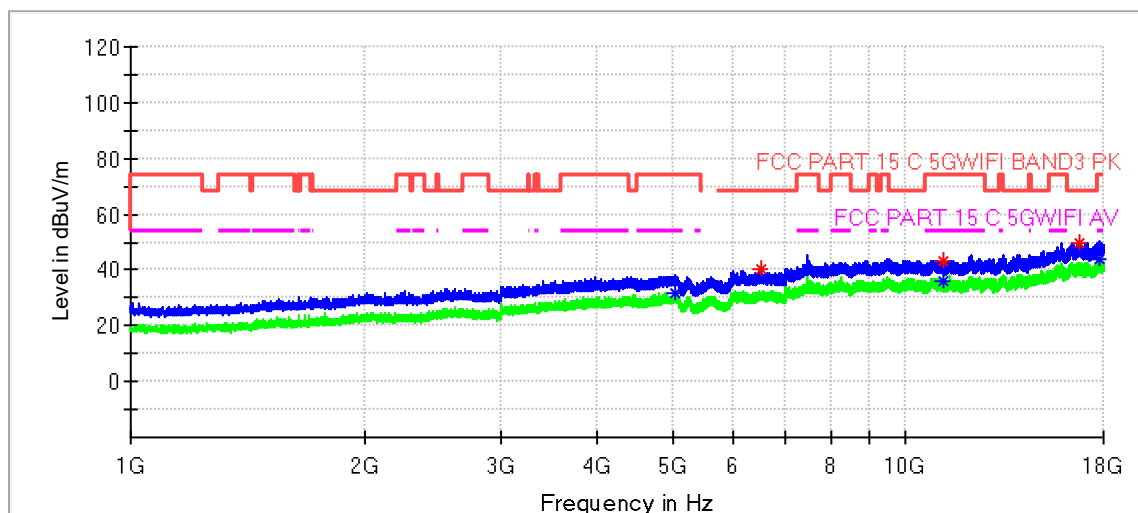
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5057.687500	---	32.19	54.00	21.81	150.0	V	74.0	-1.8
6585.562500	39.25	---	68.20	28.95	150.0	V	299.0	0.7
11015.656250	43.44	---	74.00	30.56	300.0	V	0.0	4.9
11025.218750	---	37.00	54.00	17.00	150.0	V	319.0	4.9
16694.718750	50.14	---	68.20	18.06	150.0	V	215.0	13.1
17782.187500	---	43.39	54.00	10.61	150.0	V	215.0	15.3

Frequency: 5590MHz



Limit and Margin

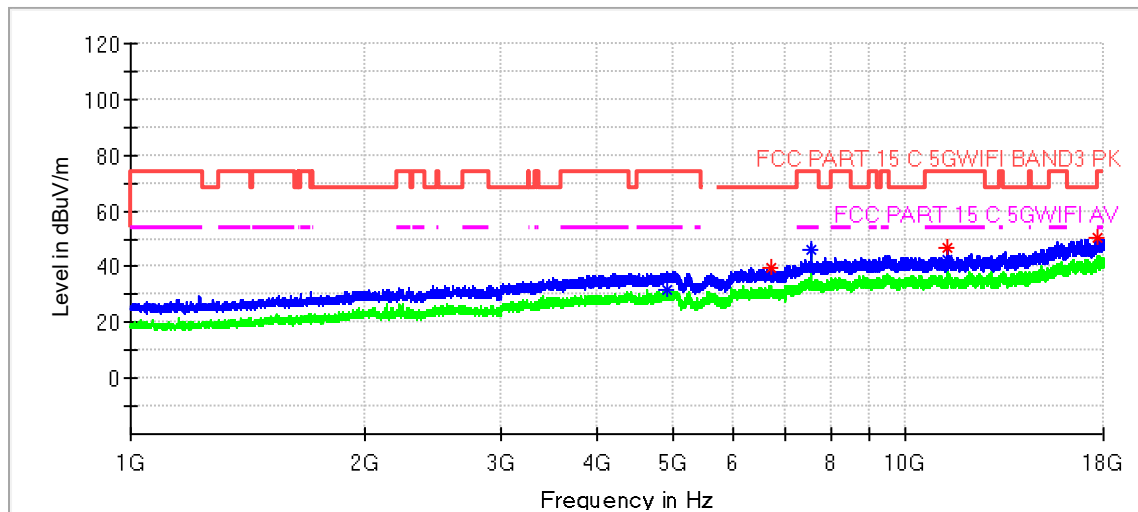
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5047.593750	---	31.78	54.00	22.22	150.0	H	181.0	-1.8
6010.218750	39.37	---	68.20	28.83	150.0	H	233.0	-0.2
7453.625000	---	44.99	54.00	9.01	200.0	H	67.0	1.5
11179.812500	---	39.16	54.00	14.84	150.0	H	265.0	5.0
11179.812500	44.82	---	74.00	29.18	250.0	H	265.0	5.0
17616.437500	49.55	---	68.20	18.65	150.0	H	0.0	15.0



Limit and Margin

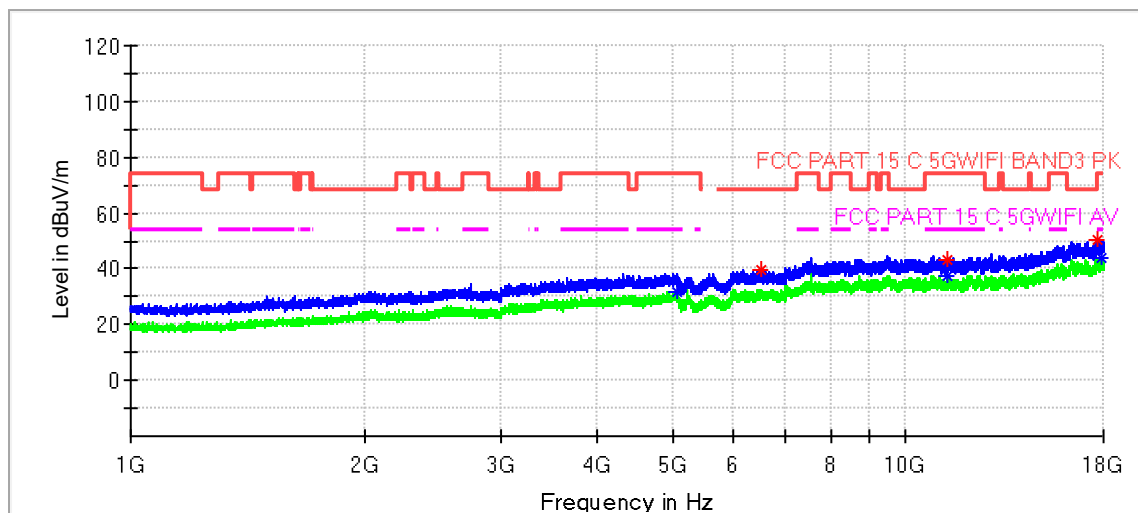
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5030.062500	---	31.97	54.00	22.03	150.0	V	183.0	-1.7
6524.468750	40.05	---	68.20	28.15	150.0	V	255.0	0.6
11179.281250	---	36.13	54.00	17.87	150.0	V	183.0	5.0
11180.343750	43.00	---	74.00	31.00	150.0	V	99.0	5.0
16735.093750	49.79	---	68.20	18.41	150.0	V	80.0	13.1
17786.437500	---	43.56	54.00	10.44	250.0	V	326.0	15.3

Frequency: 5670MHz



Limit and Margin

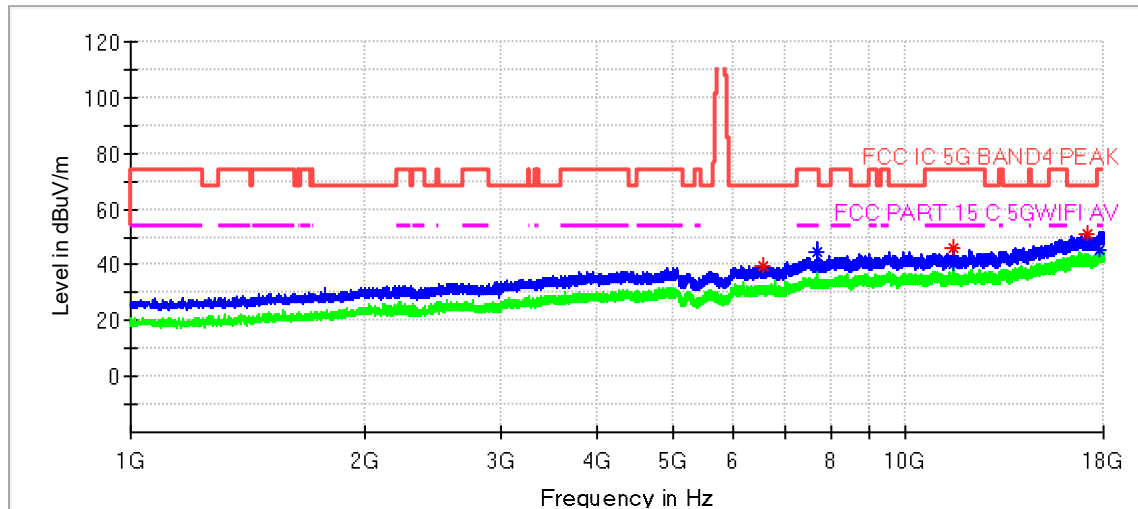
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4923.281250	---	31.61	54.00	22.39	150.0	H	174.0	-1.9
6706.687500	39.60	---	68.20	28.60	150.0	H	73.0	0.7
7559.875000	---	46.08	54.00	7.92	150.0	H	73.0	1.8
11340.250000	47.11	---	74.00	26.89	200.0	H	270.0	5.2
11341.312500	---	42.51	54.00	11.49	150.0	H	270.0	5.2
17655.750000	50.24	---	68.20	17.96	150.0	H	289.0	15.1



Limit and Margin

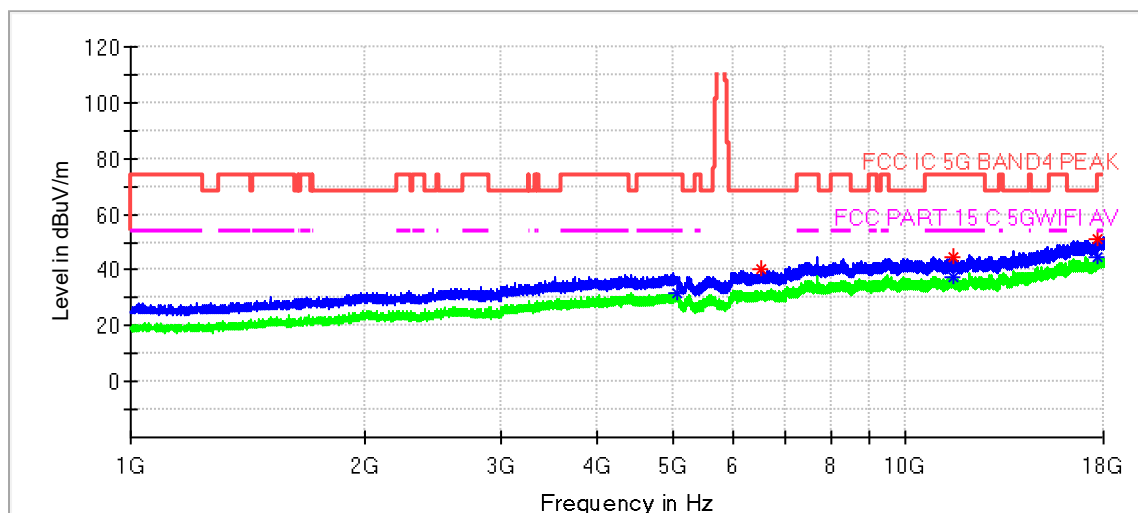
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5057.156250	---	31.88	54.00	22.12	150.0	V	68.0	-1.8
6511.187500	39.50	---	68.20	28.70	150.0	V	4.0	0.6
11338.656250	---	37.14	54.00	16.86	150.0	V	332.0	5.2
11340.781250	43.30	---	74.00	30.70	200.0	V	151.0	5.2
17644.593750	50.36	---	68.20	17.84	150.0	V	217.0	15.1
17887.906250	---	43.97	54.00	10.03	150.0	V	49.0	15.6

Frequency: 5755MHz



Limit and Margin

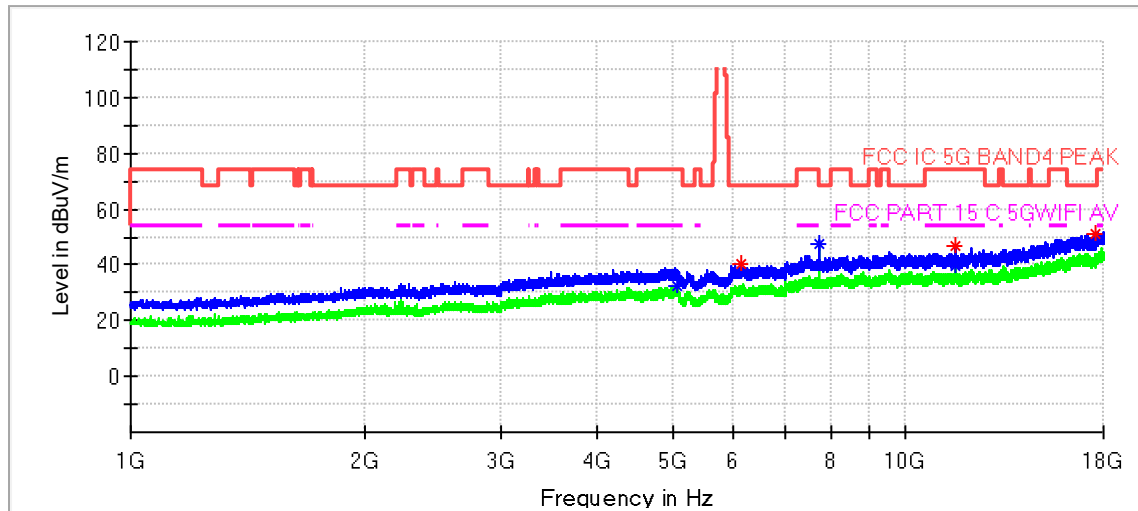
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
6562.718750	39.51	---	68.20	28.69	150.0	H	171.0	0.6
7673.031250	---	44.95	54.00	9.05	150.0	H	61.0	1.9
11506.531250	46.27	---	74.00	27.73	150.0	H	68.0	5.3
11508.656250	---	40.37	54.00	13.63	150.0	H	255.0	5.3
17116.531250	51.02	---	68.20	17.18	300.0	H	262.0	14.0
17803.437500	---	45.42	54.00	8.58	150.0	H	216.0	15.3



Limit and Margin

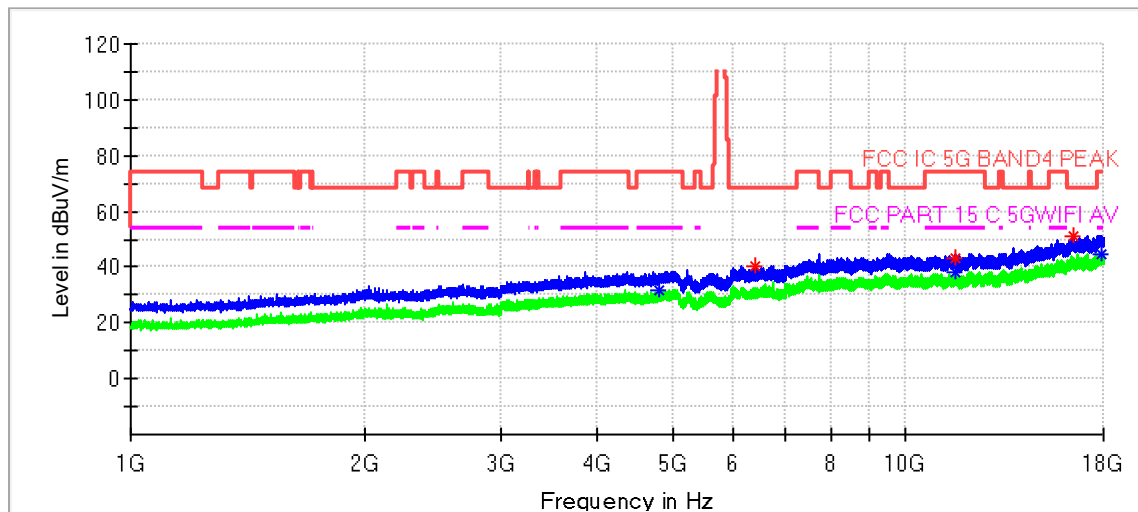
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5066.187500	---	31.89	54.00	22.11	150.0	V	344.0	-1.8
6509.062500	40.01	---	68.20	28.19	150.0	V	242.0	0.6
11507.593750	44.30	---	74.00	29.70	150.0	V	280.0	5.3
11518.218750	---	37.57	54.00	16.43	300.0	V	338.0	5.3
17677.531250	50.75	---	68.20	17.45	150.0	V	332.0	15.2
17724.812500	---	44.44	54.00	9.56	150.0	V	306.0	15.2

Frequency: 5795MHz



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5064.062500	---	32.44	54.00	21.56	150.0	H	61.0	-1.8
6150.468750	40.25	---	68.20	27.95	150.0	H	256.0	0.0
7726.687500	---	47.29	54.00	6.71	300.0	H	68.0	1.9
11589.937500	46.77	---	74.00	27.23	150.0	H	250.0	5.4
11589.937500	---	39.79	54.00	14.21	150.0	H	250.0	5.4
17621.750000	51.05	---	68.20	17.15	150.0	H	139.0	15.0

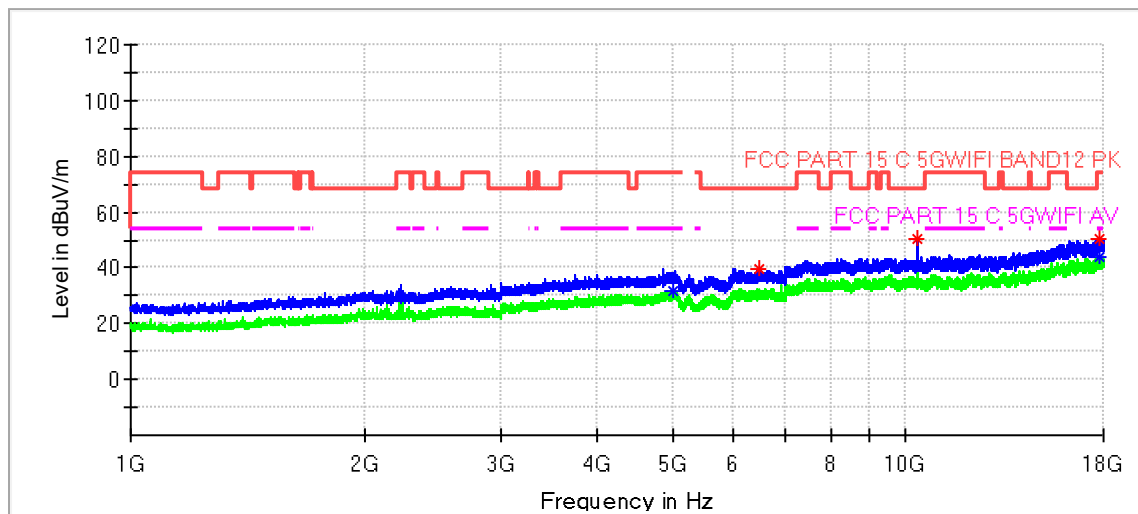


Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4802.156250	---	32.03	54.00	21.97	150.0	V	334.0	-2.3
6407.593750	40.51	---	68.20	27.69	150.0	V	80.0	0.3
11590.468750	43.46	---	74.00	30.54	200.0	V	93.0	5.4
11590.468750	---	38.31	54.00	15.69	150.0	V	93.0	5.4
16430.687500	51.18	---	68.20	17.02	150.0	V	294.0	12.6
17850.187500	---	44.46	54.00	9.54	150.0	V	80.0	15.5

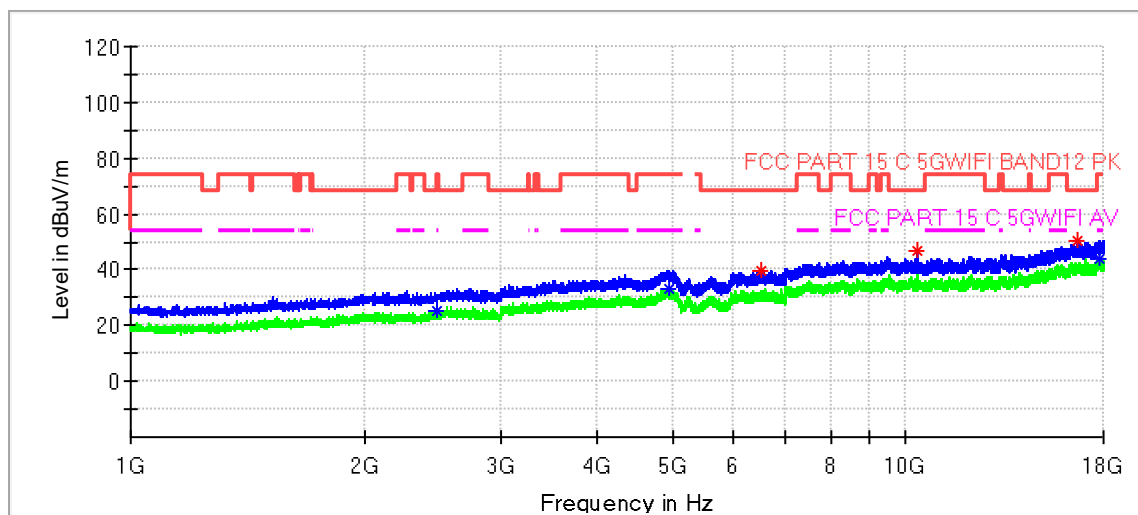
Radiated Emission 1-18 GHz at 802.11ac VHT20

Frequency: 5180MHz



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2229.843750	---	29.35	54.00	24.65	150.0	H	80.0	-11.7
5018.906250	---	31.80	54.00	22.20	150.0	H	247.0	-1.7
6459.125000	39.72	---	68.20	28.48	200.0	H	227.0	0.4
10364.875000	50.66	---	68.20	17.54	150.0	H	8.0	4.3
17791.750000	50.69	---	74.00	23.31	300.0	H	125.0	15.3
17796.531250	---	43.69	54.00	10.31	150.0	H	157.0	15.3



Limit and Margin

Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2489.625000	---	25.54	54.00	28.46	150.0	V	56.0	-10.5
4949.843750	---	33.31	54.00	20.69	150.0	V	126.0	-1.8
6519.687500	39.49	---	68.20	28.71	200.0	V	114.0	0.6
10361.156250	46.92	---	68.20	21.28	150.0	V	177.0	4.3
16683.031250	50.06	---	68.20	18.14	300.0	V	62.0	13.1
17781.656250	---	43.55	54.00	10.45	150.0	V	36.0	15.3