

3 Test Result

3.1 26dB , 6dB and 99% Occupied Bandwidth Measurement

3.1.1 Limit of 26dB ,6dB and 99% Bandwidth

There is no limit bandwidth for U-NII-1, U-NII-2-A and U-NII-2-C.

The minimum 6 dB bandwidth shall be at least 500 kHz for U-NII-3.

3.1.2 Test Procedures

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the Antenna port to the spectrum analyzer.
4. 26dB Band width Measurement: Set the spectrum analyzer as 1% of emission BW Sweep=auto,Detector = Peak, Trace Mode = Max Hold, Manually readjust RBW until the RBW/EBW ratio is 1% based on EBW as observed on the result of pre-sequence measurement.
5. Mark the peak frequency and –6dB (upper and lower) frequency.
6. Repeat the procedures as list above until all test default channels (low, middle, and high) are completed.
7. Measure and record the results in the test report.

3.1.3 Test Result of 26dB Bandwidth

Refer to Appendix A1 of this test report.

3.1.4 Test Result of 99% Bandwidth

Refer to Appendix A2 of this test report.

3.1.5 Test Result of 6dB Bandwidth

Refer to Appendix A3 of this test report.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Output Power

FCC

Operation Band	EUT Category		Limit
U-NII-1		Access Point(Mater Device)	1 Watt(30dBm)
		Fixed point-to-point Acess Ponit	1 Watt(30dBm)
	√	Mobile and portable clinet device	250mW(23.98dBm)
U-NII-2A	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-2C	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-3	√		1 W(30dBm)

IC

Operation Frequency Band	Limit
5150~5250 MHz	EIRP shall not exceed 200 mW or 10 + 10 logB, dBm
5250~5350 MHz	Conducted output power shall not exceed 250 mW or 11 +10 logB EIRP shall not exceed 1.0 W or 17 + 10 logB, dBm
5470~5600 MHz and 5650~5725 MHz	Conducted output power shall not exceed 250 mW or 11 +10 logB EIRP shall not exceed 1.0 W or 17 + 10 logB, dBm
5725~5850 MHz	The maximum conducted output power over the frequency band of operation shall not exceed 1 W.

If transmitting antennas of directional gain greater than 6 dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the direction-al gain of the antenna exceeds 6 dBi.

3.2.2 Test Procedures

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the Spectrum Analyzer.
4. Spectrum Analyzer is used as the auxiliary test equipment to conduct the output power measurement.
5. Set span to encompass the entire emission bandwidth (EBW) of the signal. Set sweep trigger to "free run.", RBW = 1 MHz, Set VBW $\geq 1/T$, where T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, Sweep time = auto, Detector = peak..
6. Video filtering shall be applied to power signal (rms), it shall be set to operate on a linear voltage signal.
7. Trace mode = max hold. Allow max hold to run for at least 60 seconds
8. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

3.2.3 Test Result of Output Power

Refer to Appendix B1 of this test report.

3.2.4 Test Result of E.I.R.P

Refer to Appendix B2 of this test report.



3.3 Power Spectral Density Measurement

3.3.1 Limits of Power Spectral Density

FCC

Operation Band	EUT Category		Limit
U-NII-1		Access Point(Mater Device)	17dBm/MHz
		Fixed point-to-point Access Point	
	√	Mobile and portable client device	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30 dBm/500kHz

IC

Operation Frequency Band	Limit
5150~5250 MHz	EIRP spectral density 10 dBm / MHz
5250~5350 MHz	11dBm / MHz
5470~5600 MHz and 5650~5725 MHz	11dBm / MHz
5725~5850 MHz	30 dBm/500kHz

If transmitting antennas of directional gain greater than 6 dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Test Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to Spectrum.
4. Set RBW=1MHz, VBW=3MHz, where span is enough to capture the entire bandwidth, Sweep time = Auto (601 pts), detector = RMS, traces 100 sweeps of video averaging(SA-2 with the omission of procedure x, the integration with 26dB EBW bandwidth)
5. Use the cursor on spectrum to peak search the highest level of trace.
6. Record the max. reading and add 10 log(1/duty cycle).
7. Repeat above procedures until all default test channel (low, middle, and high) was complete.

3.3.3 Test Result of Power Spectral Density

Refer to Appendix C of this test report.

3.4 Unwanted Emissions Measurement

This section as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part 15.205.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350MHz band shall not exceed an EIRP of -27dBm/MHz.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) 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.



(2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table

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

Note: The following formula is used to convert the EIRP to field strength.

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
-17	78.3
-27	68.3

3.4.2 Test Procedures

- The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

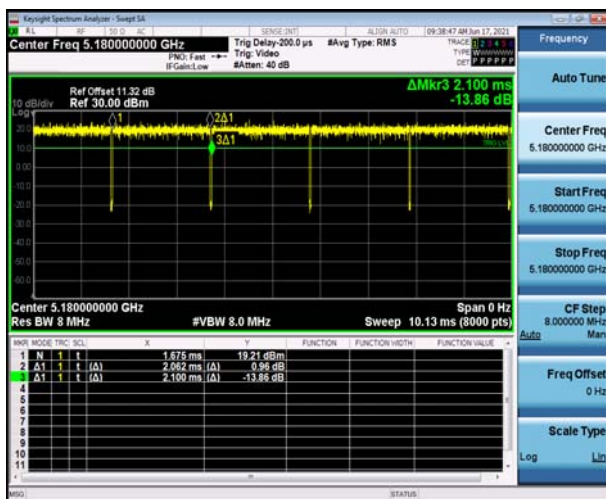
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its



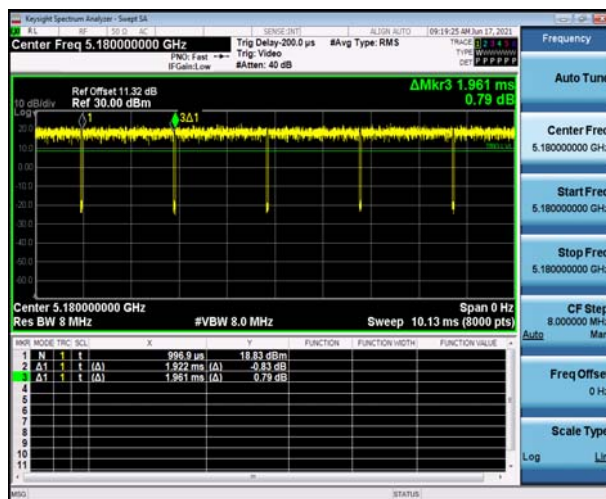
maximum power control level for the tested mode of operation.

2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground..
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

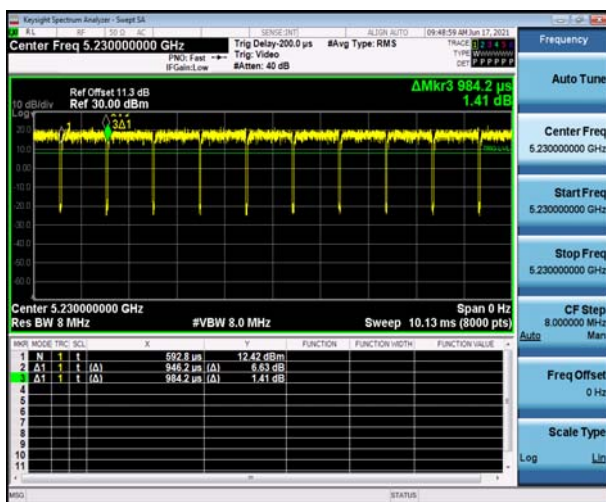
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	98.10	-		10Hz
802.11n HT20	97.96	1.92	0.52	1kHz
802.11n HT40	96.94	0.95	1.05	3kHz
802.11ac HT20	97.97	1.93	0.52	1kHz
802.11ac HT40	95.96	0.95	1.05	3kHz
802.11ac HT80	92	0.46	2.17	3kHz



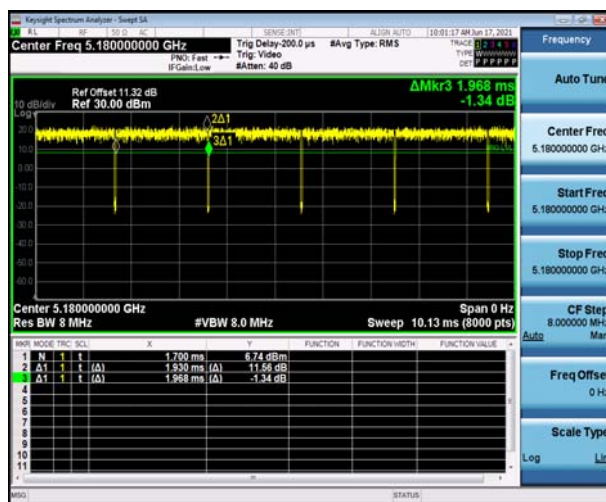
802.11a



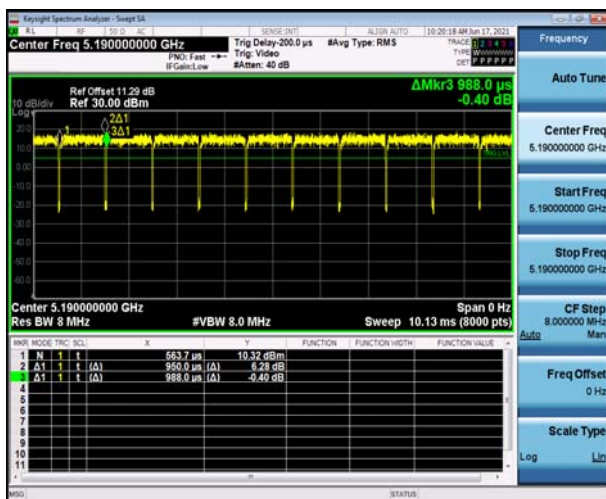
802.11ac HT20



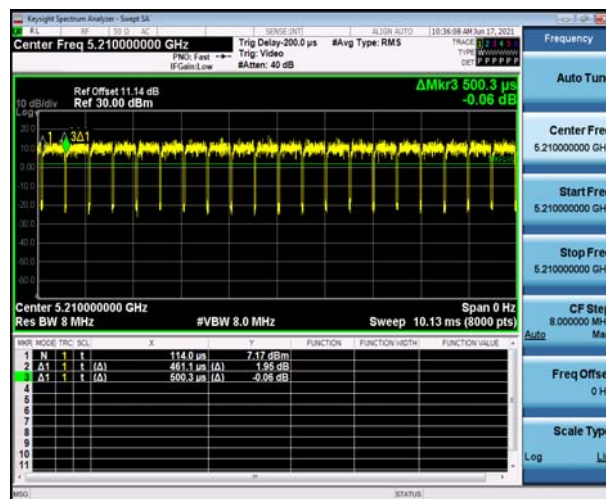
802.11ac HT40



802.11ac VHT20



802.11ac VHT40



802.11ac VHT80

8. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

3.4.3 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

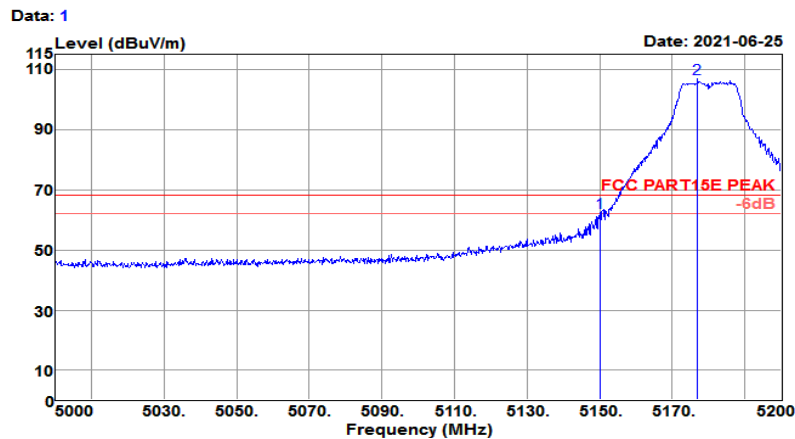
The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.



3.4.4 Test Result of Radiated Spurious at Band Edges

Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.20GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85W



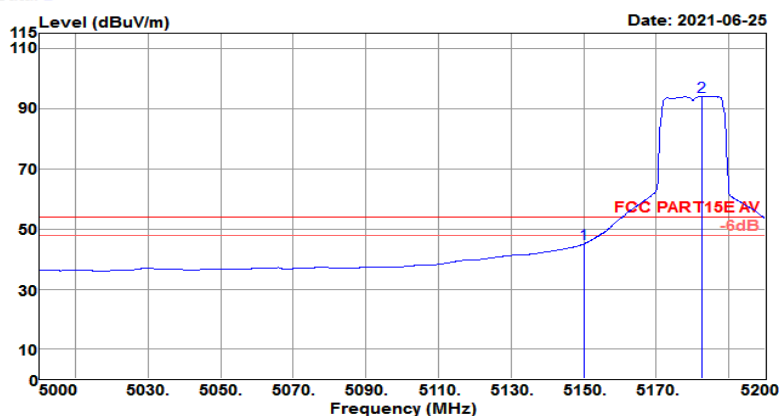
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	56.78	31.32	8.17	33.98	62.29	68.20	-5.91	Peak
5177.000	101.20	31.34	8.21	33.99	106.76	68.20	38.56	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.20GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating:	DC 3.85V

Data: 2

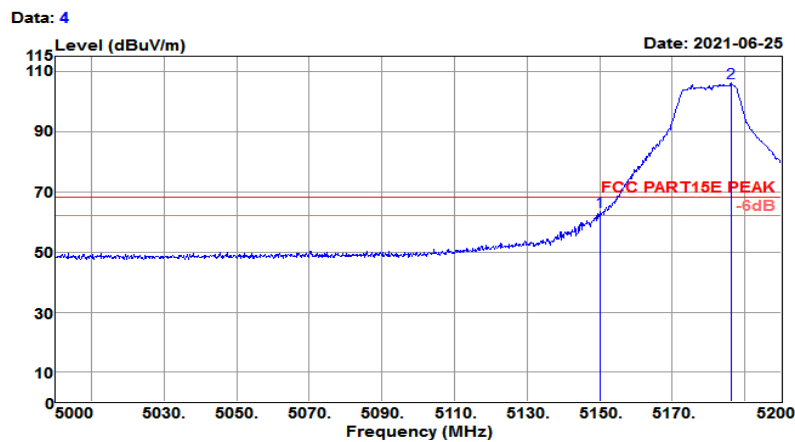


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	39.50	31.32	8.17	33.98	45.01	54.00	-8.99	Average
5182.600	88.52	31.35	8.22	33.99	94.10	54.00	40.10	Average



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.20GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V

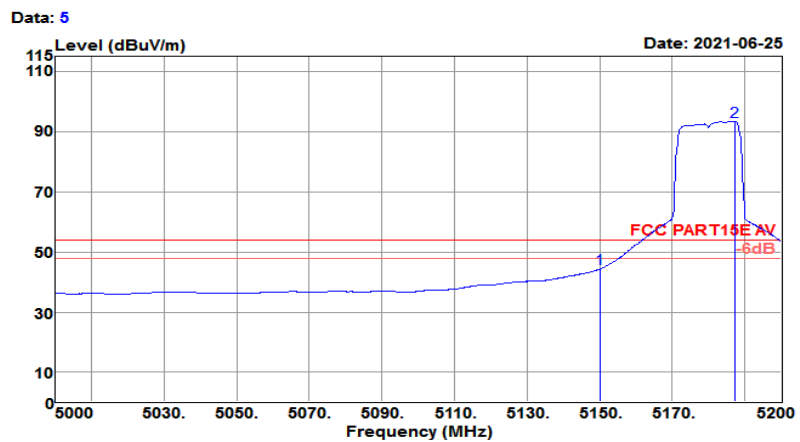


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	57.95	31.32	8.17	33.98	63.46	68.20	-4.74	Peak
5186.400	100.46	31.35	8.23	33.99	106.05	68.20	37.85	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.20GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V

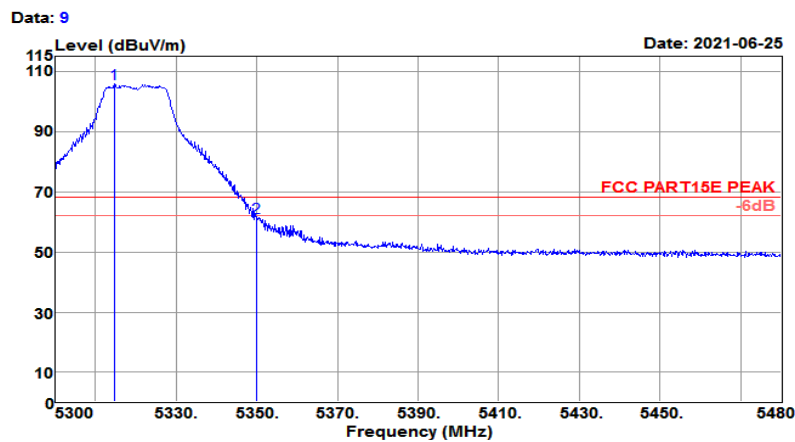


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	38.79	31.32	8.17	33.98	44.30	54.00	-9.70	Average
5187.400	87.84	31.35	8.23	33.99	93.43	54.00	39.43	Average



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH64 (5320MHz)	Power rating: DC 3.85V



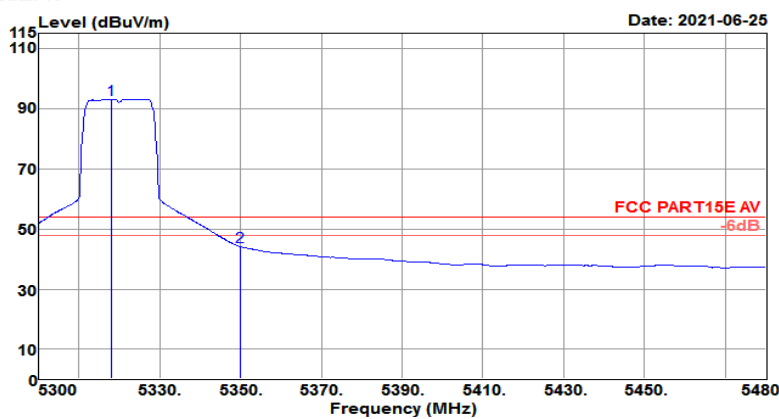
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5314.760	99.67	31.45	8.70	34.06	105.76	68.20	37.56	Peak
5350.000	55.02	31.48	8.84	34.08	61.26	68.20	-6.94	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 10



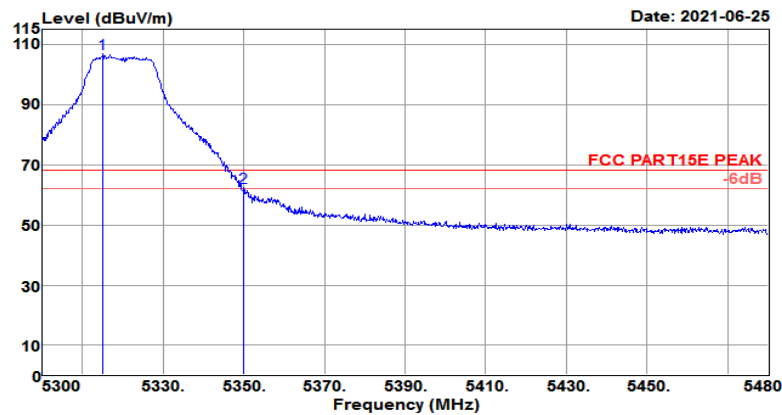
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5318.180	87.03	31.45	8.71	34.06	93.13	54.00	39.13	Average
5350.000	37.88	31.48	8.84	34.08	44.12	54.00	-9.88	Average



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH64 (5320MHz)	Power rating: DC 3.85V

Data: 12



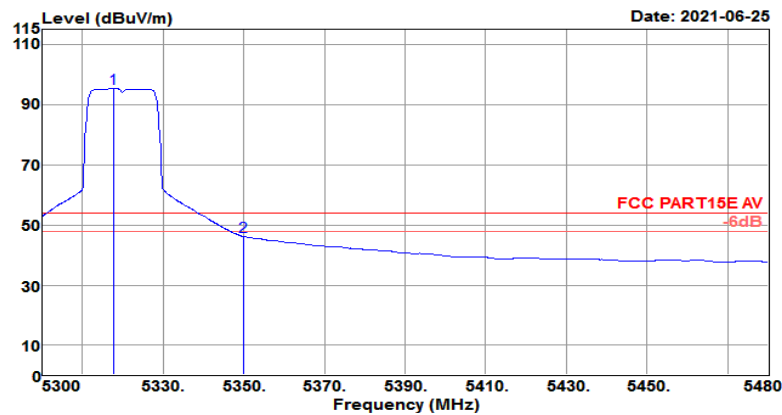
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5315.120	100.93	31.45	8.70	34.06	107.02	68.20	38.82	Peak
5350.000	56.17	31.48	8.84	34.08	62.41	68.20	-5.79	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 13



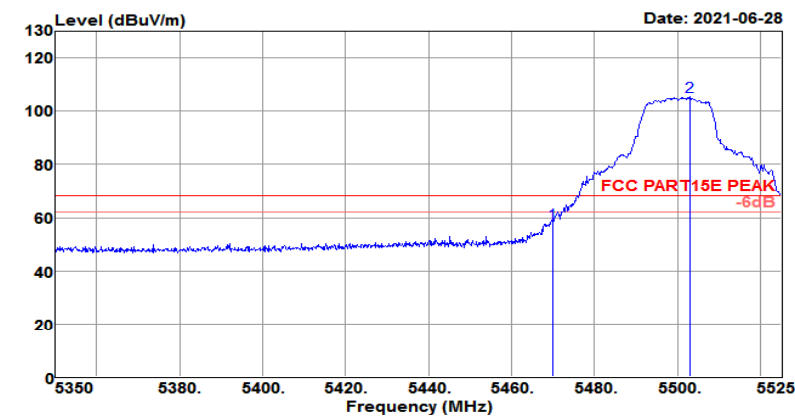
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5317.640	89.18	31.45	8.71	34.06	95.28	54.00	41.28	Average
5350.000	39.86	31.48	8.84	34.08	46.10	54.00	-7.90	Average



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V

Data: 126



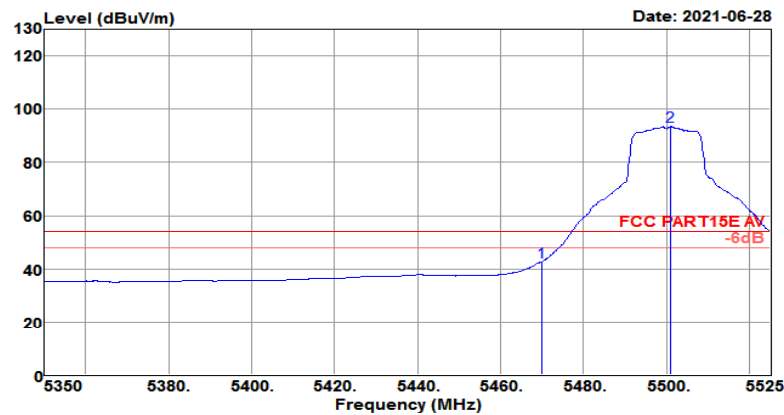
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	51.73	31.58	8.86	34.14	58.03	68.20	-10.17	Peak
5502.950	99.07	31.60	8.78	34.15	105.30	68.20	37.10	Peak



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V

Data: 127



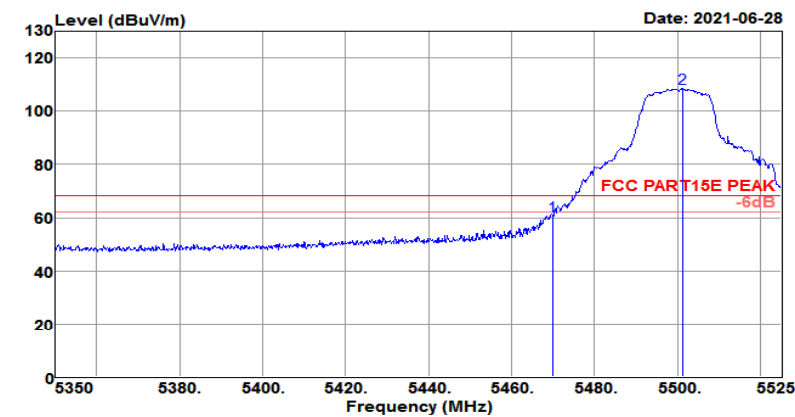
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	36.44	31.58	8.86	34.14	42.74	54.00	-11.26	Average
5501.025	87.28	31.60	8.78	34.15	93.51	54.00	39.51	Average



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V

Data: 123



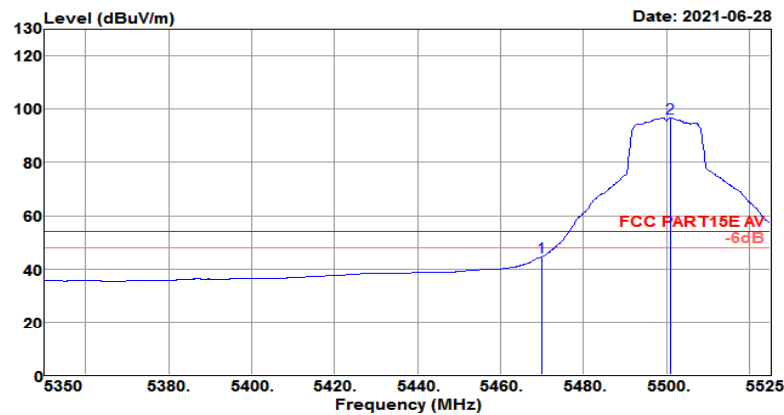
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	54.39	31.58	8.86	34.14	60.69	68.20	-7.51	Peak
5501.200	102.36	31.60	8.78	34.15	108.59	68.20	40.39	Peak



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V

Data: 124



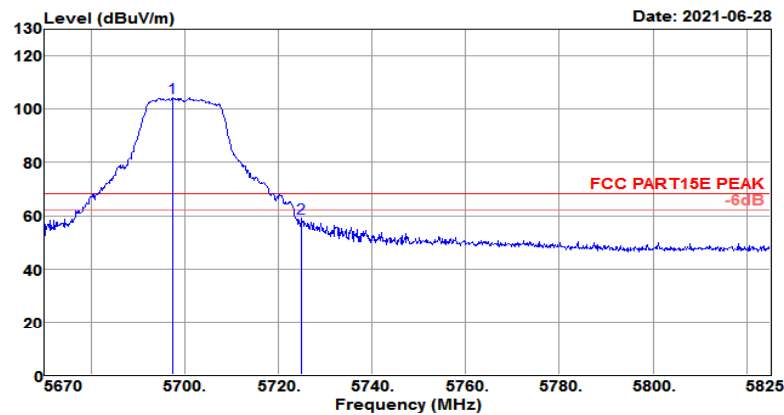
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	38.28	31.58	8.86	34.14	44.58	54.00	-9.42	Average
5501.025	90.56	31.60	8.78	34.15	96.79	54.00	42.79	Average



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 134



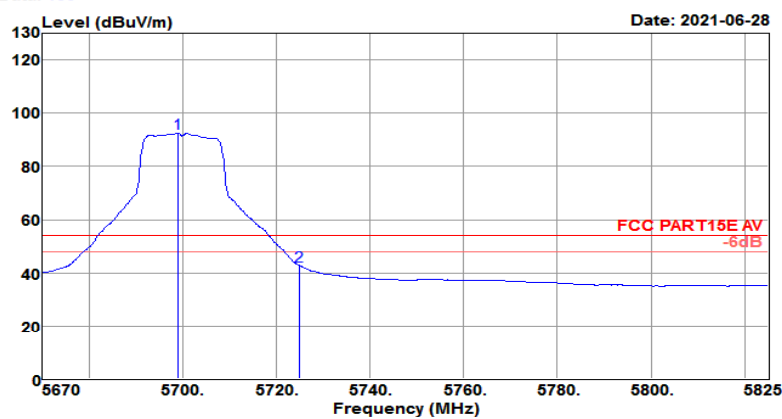
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5697.590	98.62	31.92	7.96	34.25	104.25	68.20	36.05	Peak
5725.000	53.55	31.96	7.80	34.26	59.05	68.20	-9.15	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH140 (5700MHz)	Power rating: DC 3.85V

Data: 135



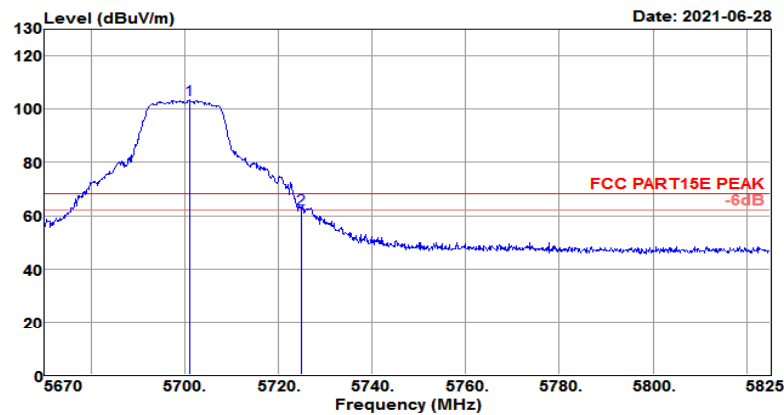
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5698.985	86.83	31.92	7.95	34.25	92.45	54.00	38.45	Average
5725.000	37.16	31.96	7.80	34.26	42.66	54.00	-11.34	Average



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 131



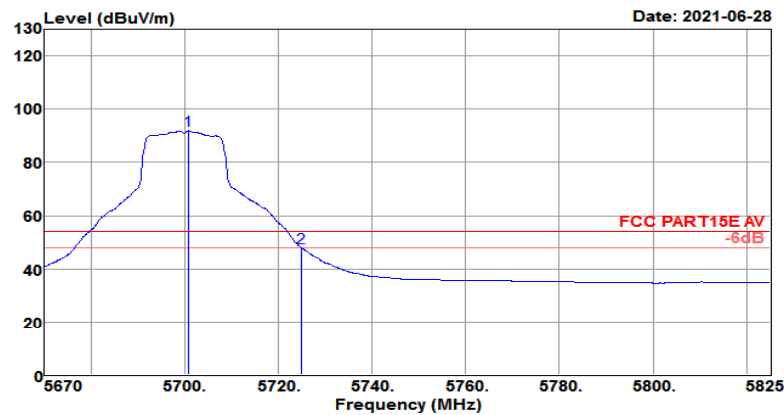
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5701.000	97.85	31.92	7.94	34.25	103.46	68.20	35.26	Peak
5725.000	57.15	31.96	7.80	34.26	62.65	68.20	-5.55	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH140 (5700MHz)	Power rating: DC 3.85V

Data: 132



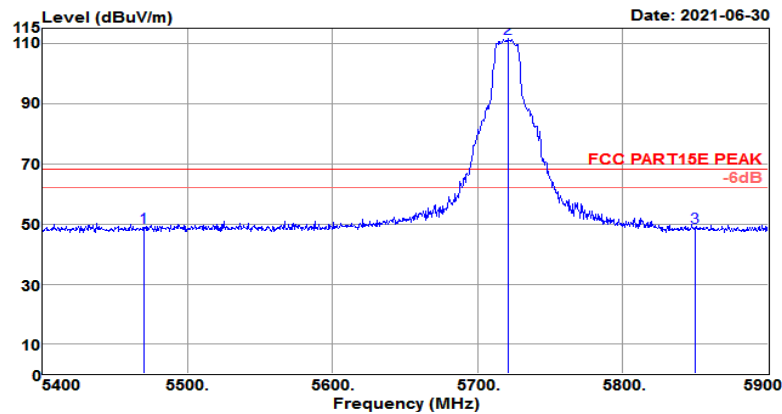
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.845	86.25	31.92	7.94	34.25	91.86	54.00	37.86	Average
5725.000	42.41	31.96	7.80	34.26	47.91	54.00	-6.09	Average



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 22℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH144 (5720MHz)	Power rating	: DC 3.85V

Data: 156



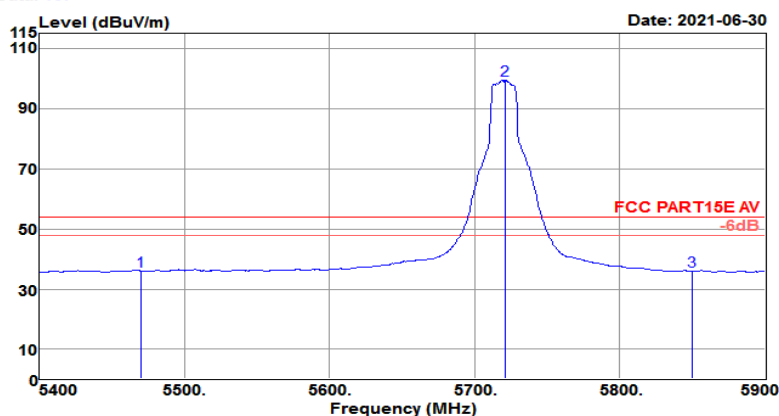
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.54	31.58	8.86	34.14	48.84	68.20	-19.36	Peak
5721.000	105.96	31.95	7.82	34.26	111.47	68.20	43.27	Peak
5850.000	43.49	32.16	7.46	34.33	48.78	68.20	-19.42	Peak



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 22℃/61%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH144 (5720MHz)	Power rating: DC 3.85V

Data: 157



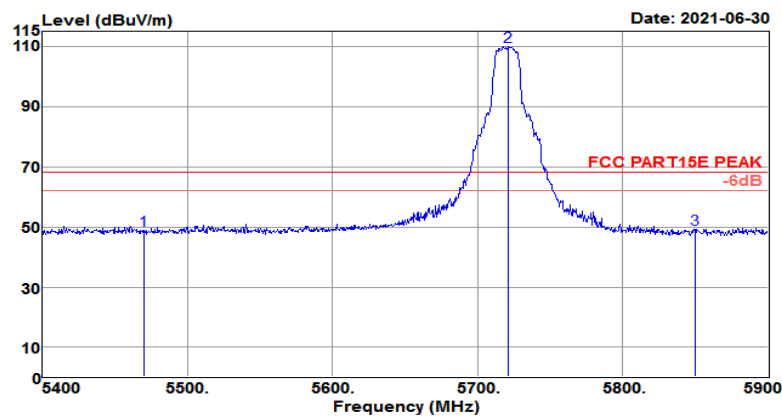
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.68	31.58	8.86	34.14	35.98	54.00	-18.02	Average
5721.000	94.01	31.95	7.82	34.26	99.52	54.00	45.52	Average
5850.000	30.69	32.16	7.46	34.33	35.98	54.00	-18.02	Average



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 22℃/61%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH144 (5720MHz)	Power rating: DC 3.85V

Data: 153



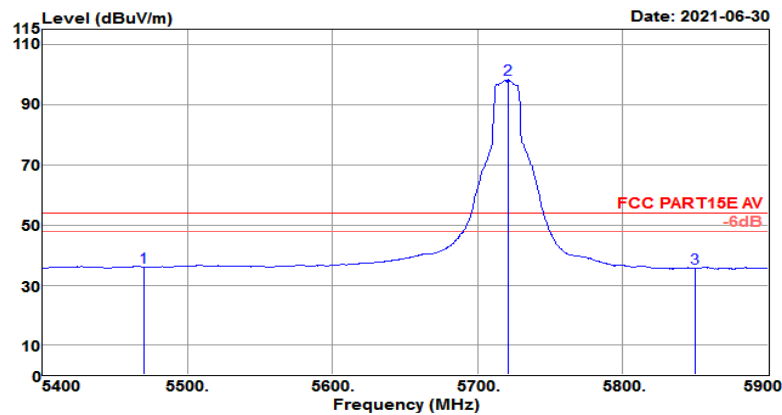
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.63	31.58	8.86	34.14	48.93	68.20	-19.27	Peak
5721.000	104.43	31.95	7.82	34.26	109.94	68.20	41.74	Peak
5850.000	43.75	32.16	7.46	34.33	49.04	68.20	-19.16	Peak



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 22℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH144 (5720MHz)	Power rating:	DC 3.85V

Data: 154

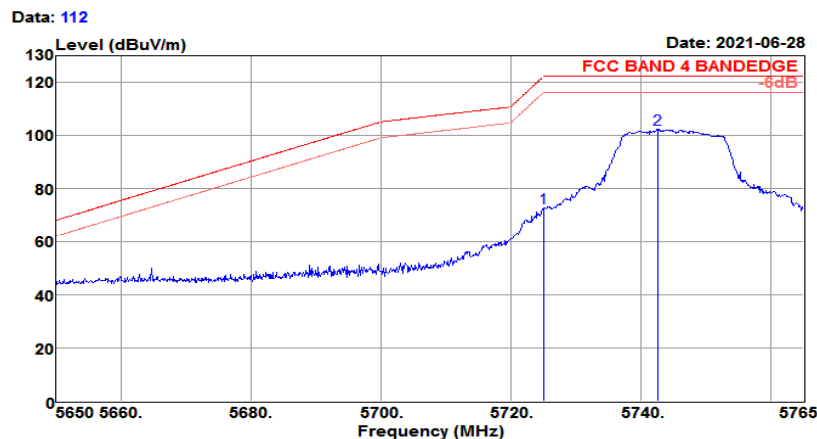


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.66	31.58	8.86	34.14	35.96	54.00	-18.04	Average
5721.000	92.82	31.95	7.82	34.26	98.33	54.00	44.33	Average
5850.000	30.30	32.16	7.46	34.33	35.59	54.00	-18.41	Average



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		

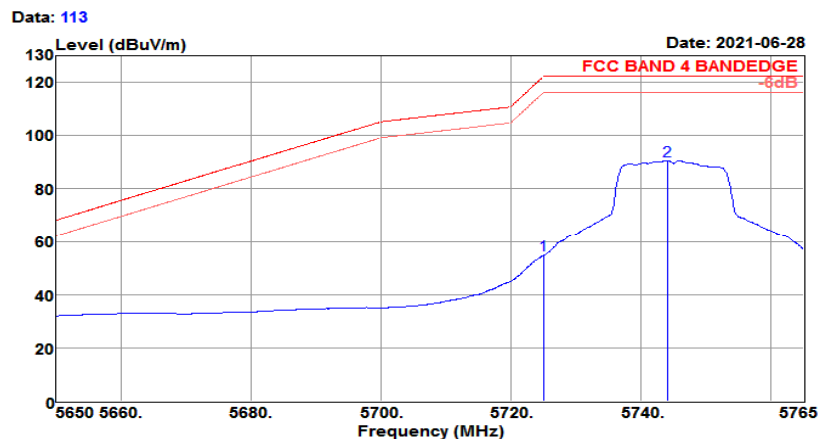


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	68.98	31.96	6.04	72.72	122.20	-49.48	Peak
5742.575	98.54	31.99	6.05	102.31	122.20	-19.89	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		

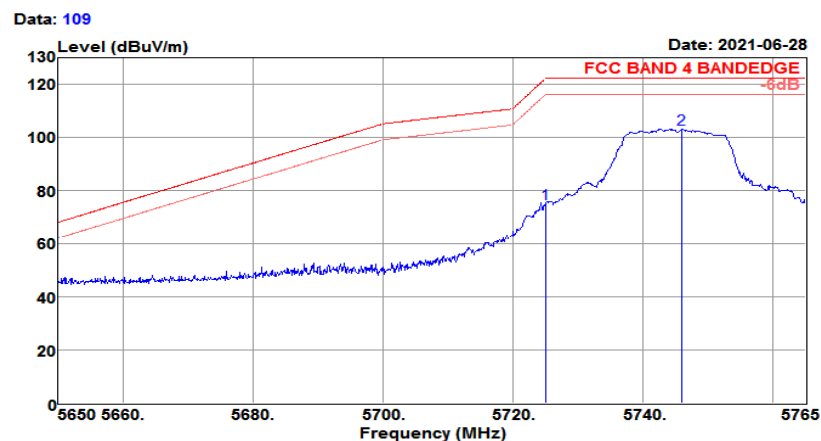


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	50.96	31.96	6.04	54.70	122.20	-67.50	Average
5744.070	86.90	31.99	6.06	90.68	122.20	-31.52	Average



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		

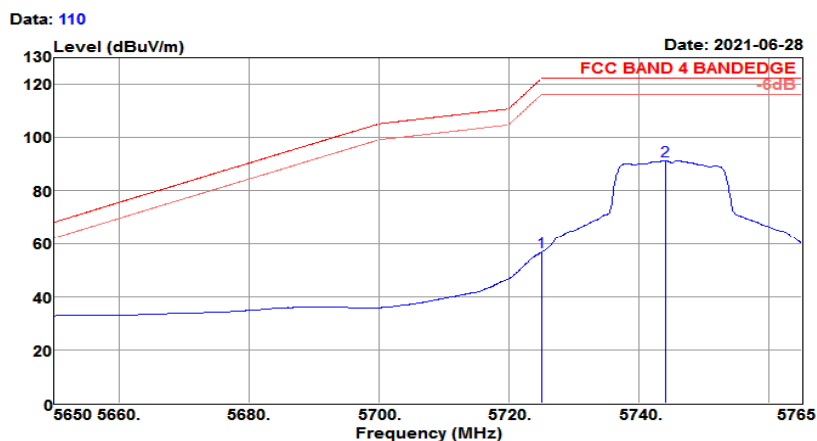


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	71.53	31.96	6.04	75.27	122.20	-46.93	Peak
5746.025	99.45	31.99	6.06	103.23	122.20	-18.97	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.6GHz~5.85GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		

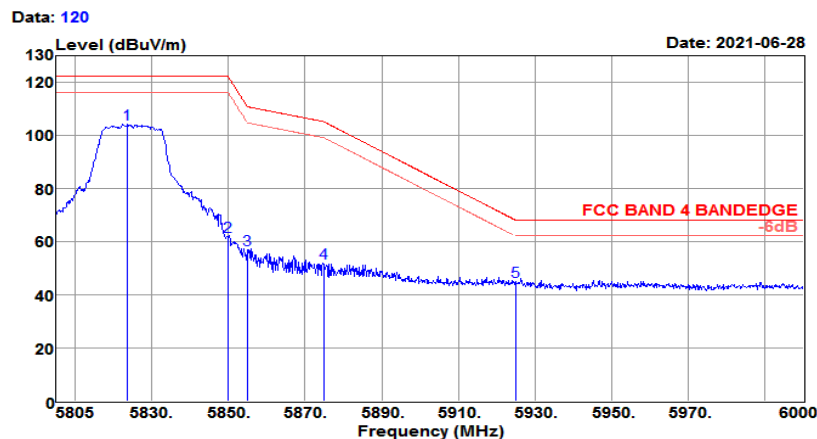


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	52.94	31.96	6.04	56.68	122.20	-65.52	Average
5744.070	87.67	31.99	6.06	91.45	122.20	-30.75	Average



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH165 (5825MHz)		

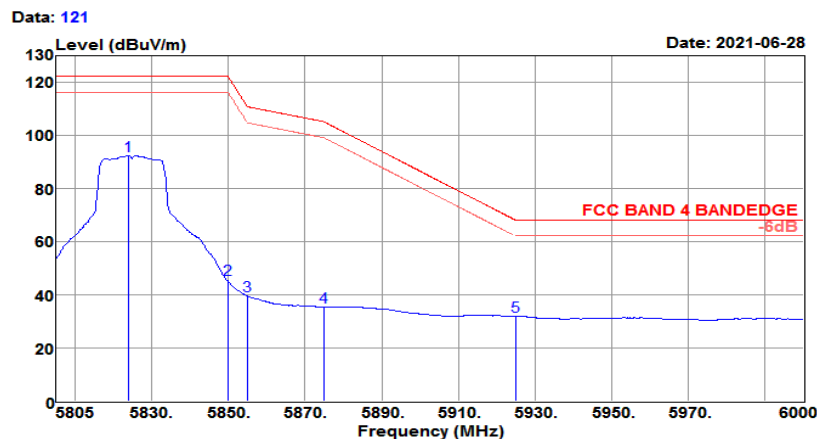


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5823.720	100.42	32.12	6.12	104.35	122.20	-17.85	Peak
5850.000	57.99	32.16	6.15	61.97	122.20	-60.23	Peak
5855.000	52.62	32.17	6.16	56.62	110.80	-54.18	Peak
5875.000	47.67	32.20	6.18	51.71	105.20	-53.49	Peak
5925.000	40.92	32.28	6.22	45.06	68.20	-23.14	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Power rating: DC 3.85V
Model No. : CT45-L0N	Pol/Phase : HORIZONTAL
EUT : Mobile Computer	
Test Mode : 802.11a CH165 (5825MHz)	

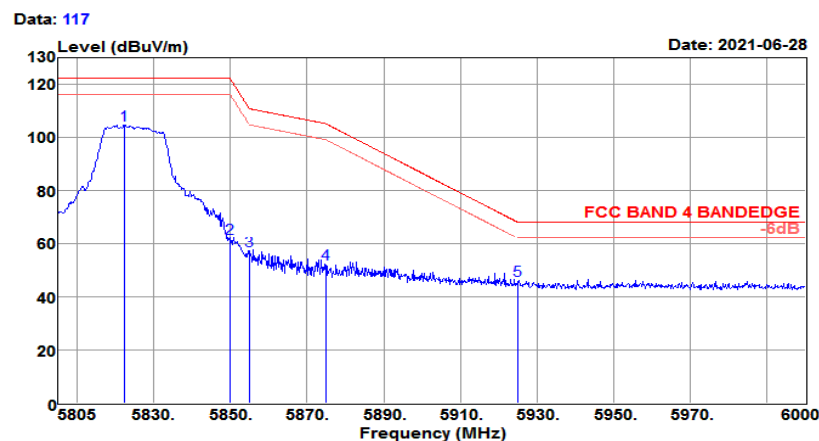


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5823.915	88.68	32.12	6.12	92.61	122.20	-29.59	Average
5850.000	41.60	32.16	6.15	45.58	122.20	-76.62	Average
5855.000	35.60	32.17	6.16	39.60	110.80	-71.20	Average
5875.000	31.24	32.20	6.18	35.28	105.20	-69.92	Average
5925.000	27.78	32.28	6.22	31.92	68.20	-36.28	Average



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH165 (5825MHz)		

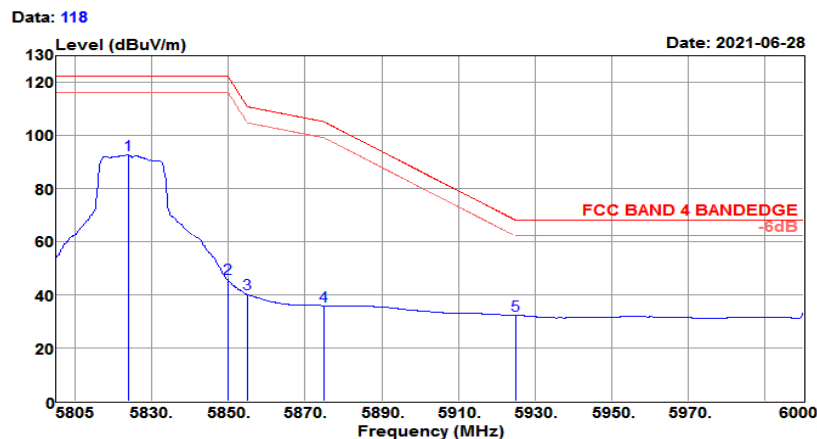


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5822.550	100.76	32.12	6.12	104.69	122.20	-17.51	Peak
5850.000	58.25	32.16	6.15	62.23	122.20	-59.97	Peak
5855.000	53.25	32.17	6.16	57.25	110.80	-53.55	Peak
5875.000	48.11	32.20	6.18	52.15	105.20	-53.05	Peak
5925.000	41.89	32.28	6.22	46.03	68.20	-22.17	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH165 (5825MHz)		



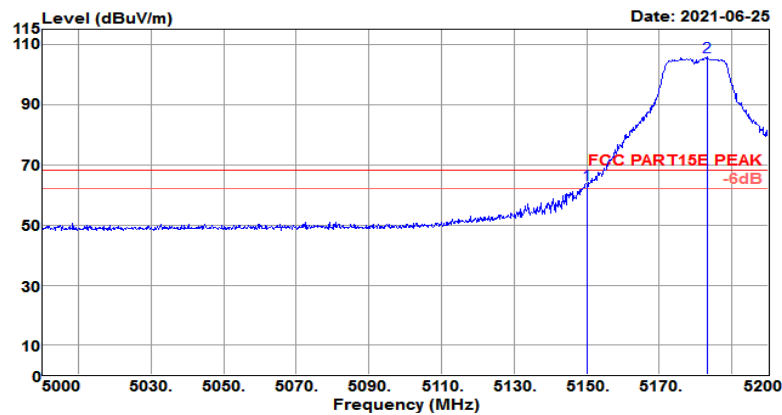
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5823.915	88.95	32.12	6.12	92.88	122.20	-29.32	Average
5850.000	42.12	32.16	6.15	46.10	122.20	-76.10	Average
5855.000	36.20	32.17	6.16	40.20	110.80	-70.60	Average
5875.000	31.77	32.20	6.18	35.81	105.20	-69.39	Average
5925.000	28.18	32.28	6.22	32.32	68.20	-35.88	Average



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 21℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH36 (5180MHz)
Power rating: DC 3.85V

Data: 18



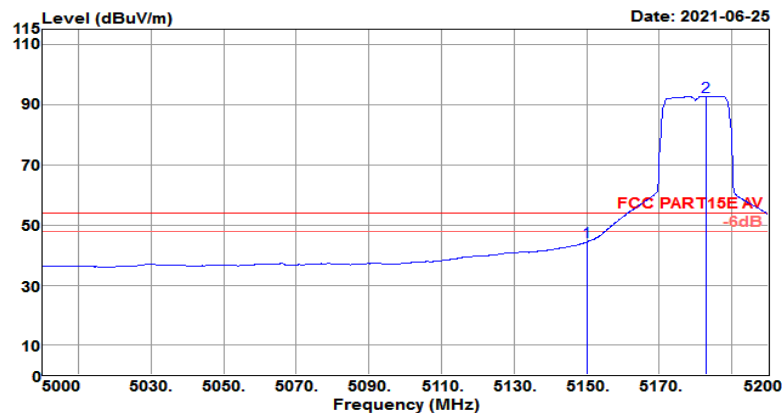
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	58.10	31.32	8.17	33.98	63.61	68.20	-4.59	Peak
5183.200	100.16	31.35	8.22	33.99	105.74	68.20	37.54	Peak



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH36 (5180MHz)	Power rating:	DC 3.85V

Data: 19

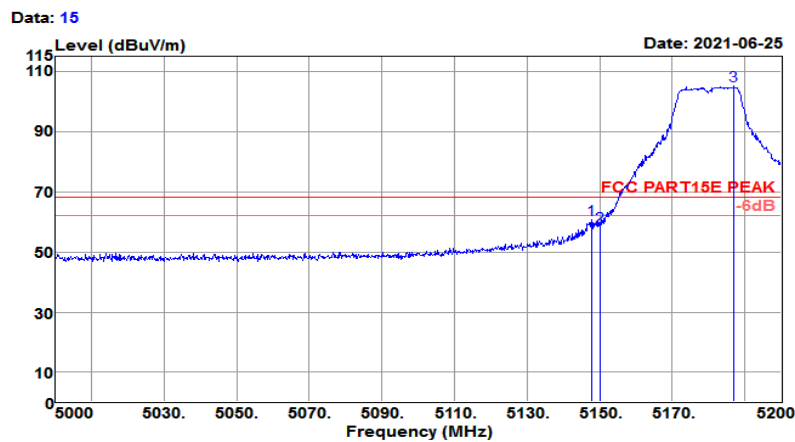


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	38.81	31.32	8.17	33.98	44.32	54.00	-9.68	Average
5183.000	87.21	31.35	8.22	33.99	92.79	54.00	38.79	Average



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH36 (5180MHz)	Power rating: DC 3.85V



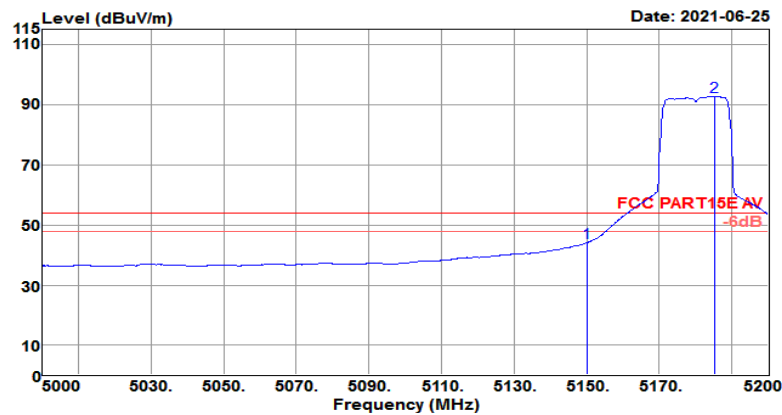
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5147.800	55.31	31.32	8.16	33.97	60.82	68.20	-7.38	Peak
5150.000	52.93	31.32	8.17	33.98	58.44	68.20	-9.76	Peak
5187.000	99.60	31.35	8.23	33.99	105.19	68.20	36.99	Peak



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH36 (5180MHz) Power rating: DC 3.85V

Data: 16



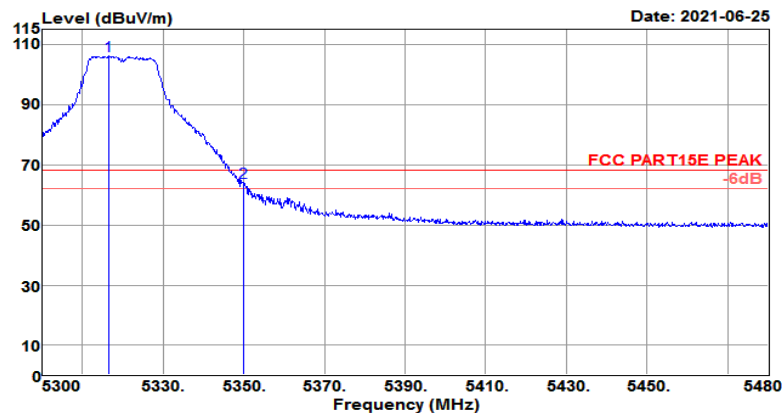
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	38.59	31.32	8.17	33.98	44.10	54.00	-9.90	Average
5185.200	86.95	31.35	8.23	33.99	92.54	54.00	38.54	Average



Test Mode :	802.11 n HT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 26



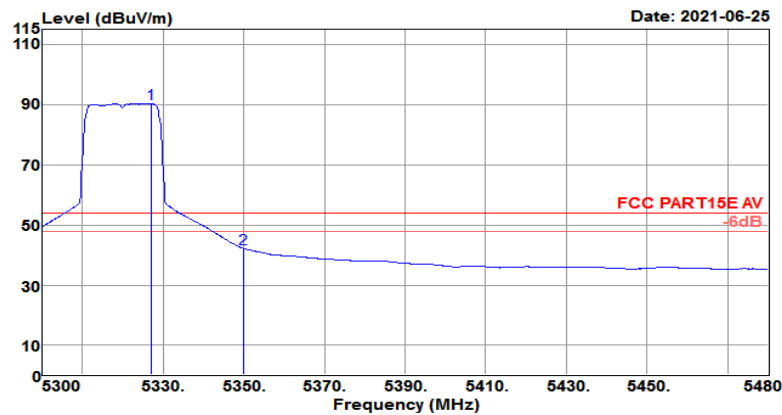
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5316.560	99.98	31.45	8.70	34.06	106.07	68.20	37.87	Peak
5350.000	57.84	31.48	8.84	34.08	64.08	68.20	-4.12	Peak



Test Mode :	802.11 n HT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 27



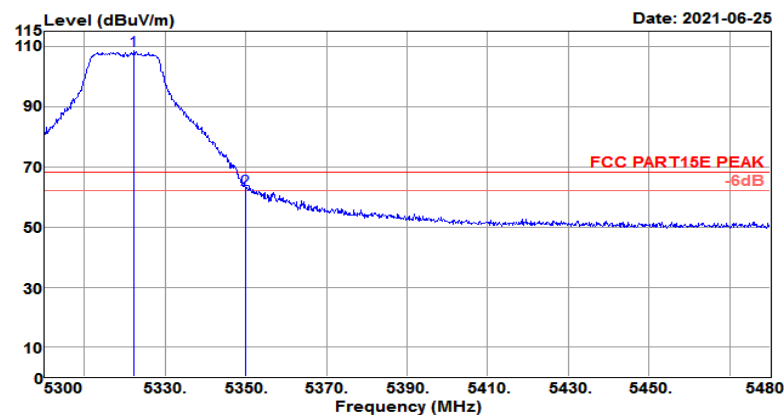
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5327.000	84.12	31.46	8.75	34.06	90.27	54.00	36.27	Average
5350.000	35.88	31.48	8.84	34.08	42.12	54.00	-11.88	Average



Test Mode :	802.11 n HT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 23



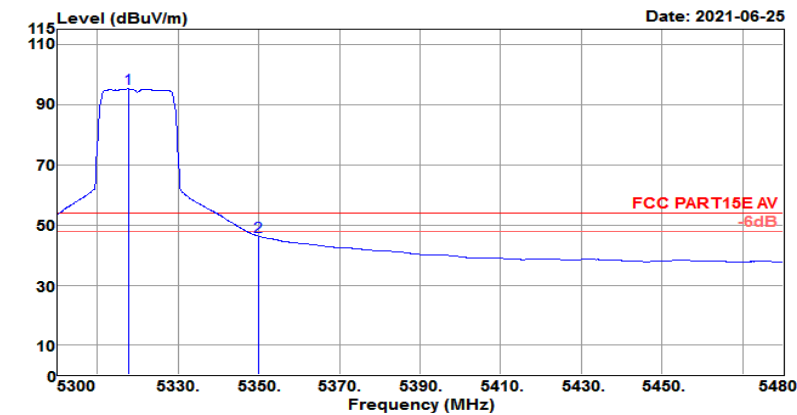
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5322.320	102.51	31.46	8.73	34.06	108.64	68.20	40.44	Peak
5350.000	56.11	31.48	8.84	34.08	62.35	68.20	-5.85	Peak



Test Mode :	802.11 n HT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 24



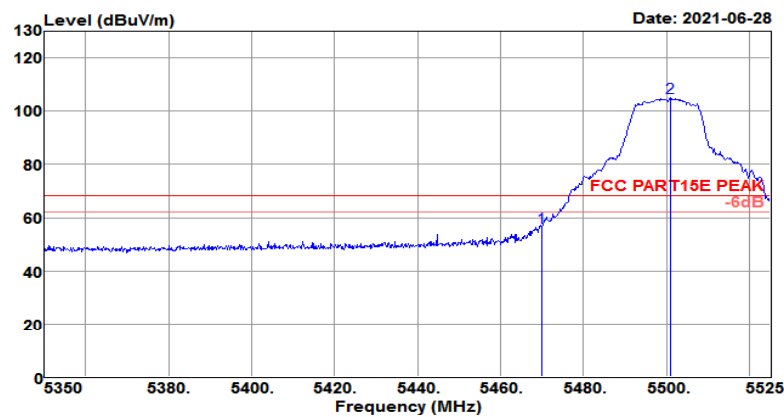
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5317.640	89.09	31.45	8.71	34.06	95.19	54.00	41.19	Average
5350.000	39.90	31.48	8.84	34.08	46.14	54.00	-7.86	Average



Test Mode :	802.11 n HT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH100(5500MHz)	Power rating: DC 3.85V

Data: 137



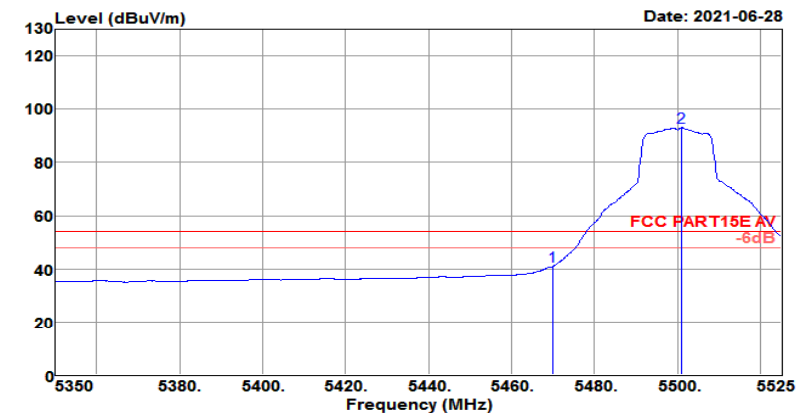
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	50.05	31.58	8.86	34.14	56.35	68.20	-11.85	Peak
5500.850	98.68	31.60	8.78	34.15	104.91	68.20	36.71	Peak



Test Mode :	802.11 n HT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH100(5500MHz)	Power rating: DC 3.85V

Data: 138



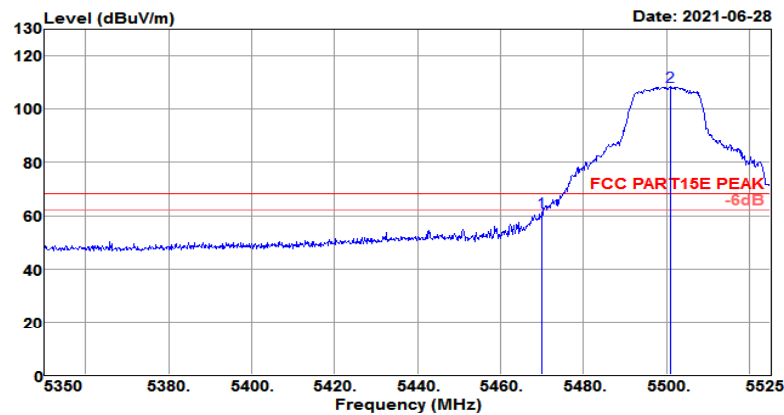
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	34.78	31.58	8.86	34.14	41.08	54.00	-12.92	Average
5501.025	86.84	31.60	8.78	34.15	93.07	54.00	39.07	Average



Test Mode :	802.11 n HT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH100(5500MHz)	Power rating:	DC 3.85V

Data: 140



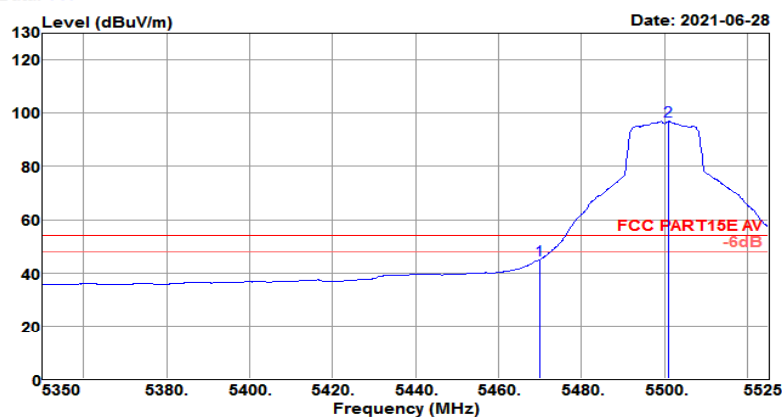
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	54.92	31.58	8.86	34.14	61.22	68.20	-6.98	Peak
5501.025	102.35	31.60	8.78	34.15	108.58	68.20	40.38	Peak



Test Mode :	802.11 n HT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.51GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH100(5500MHz)
Power rating: DC 3.85V

Data: 141



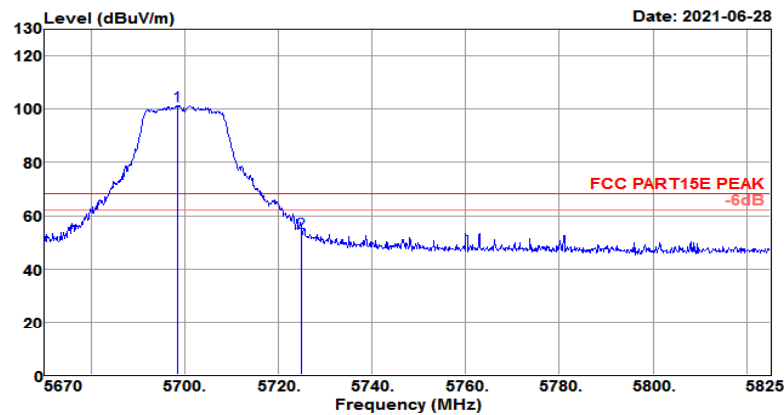
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	38.76	31.58	8.86	34.14	45.06	54.00	-8.94	Average
5501.025	90.69	31.60	8.78	34.15	96.92	54.00	42.92	Average



Test Mode :	802.11 n HT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.670GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 23℃/59%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH140(5700MHz)	Power rating: DC 3.85V

Data: 145



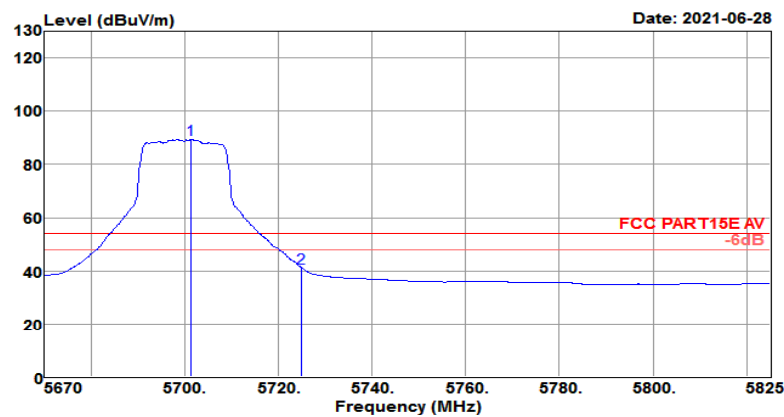
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5698.520	95.66	31.92	7.95	34.25	101.28	68.20	33.08	Peak
5725.000	48.14	31.96	7.80	34.26	53.64	68.20	-14.56	Peak



Test Mode :	802.11 n HT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.670GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH140(5700MHz)
Power rating: DC 3.85V

Data: 146



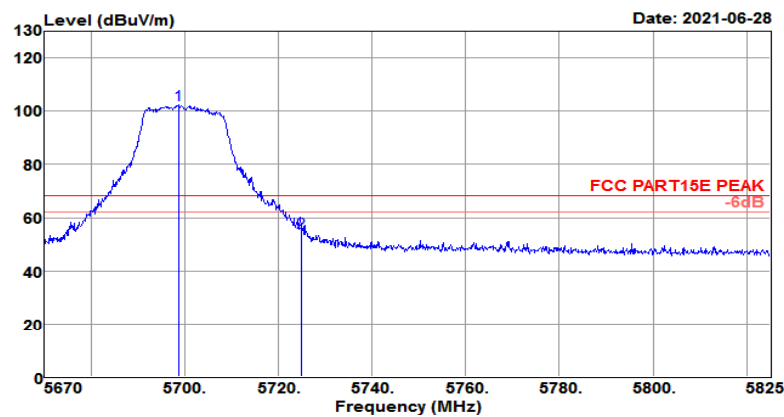
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5701.465	83.83	31.92	7.94	34.25	89.44	54.00	35.44	Average
5725.000	35.60	31.96	7.80	34.26	41.10	54.00	-12.90	Average



Test Mode :	802.11 n HT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.670GHz~5.825GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH140(5700MHz)	Power rating:	DC 3.85V

Data: 148



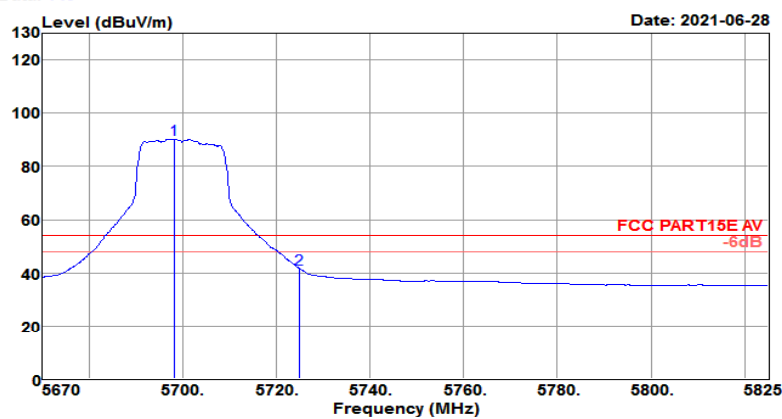
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5698.675	96.80	31.92	7.95	34.25	102.42	68.20	34.22	Peak
5725.000	48.86	31.96	7.80	34.26	54.36	68.20	-13.84	Peak



Test Mode :	802.11 n HT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH140(5700MHz)
Power rating: DC 3.85V

Data: 149



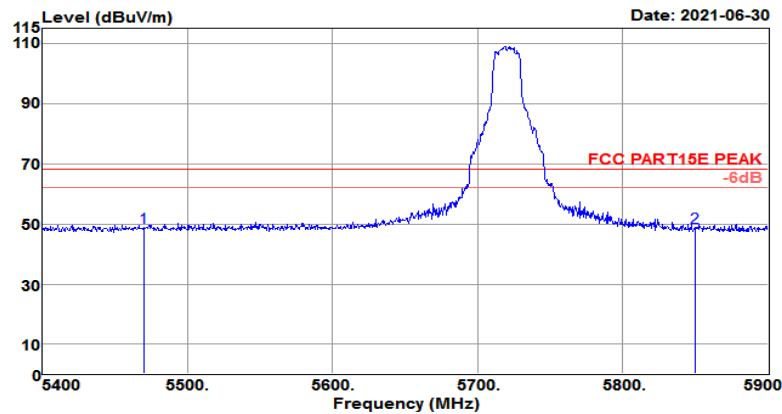
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5698.365	84.63	31.92	7.95	34.25	90.25	54.00	36.25	Average
5725.000	36.00	31.96	7.80	34.26	41.50	54.00	-12.50	Average



Test Mode :	802.11 n HT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 168



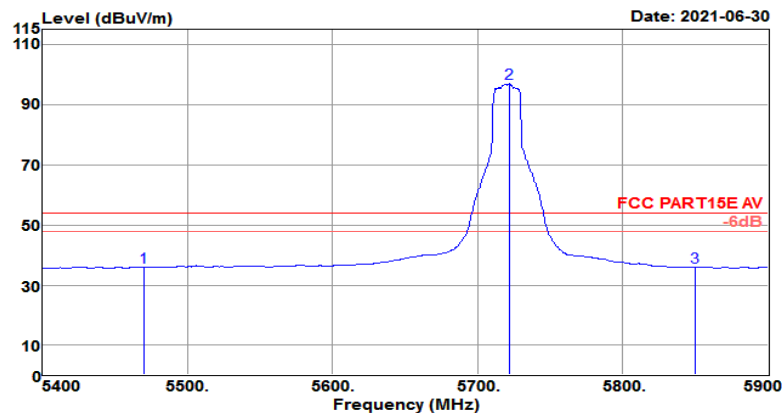
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.59	31.58	8.86	34.14	48.89	68.20	-19.31	Peak
5850.000	43.50	32.16	7.46	34.33	48.79	68.20	-19.41	Peak



Test Mode :	802.11 n HT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 169



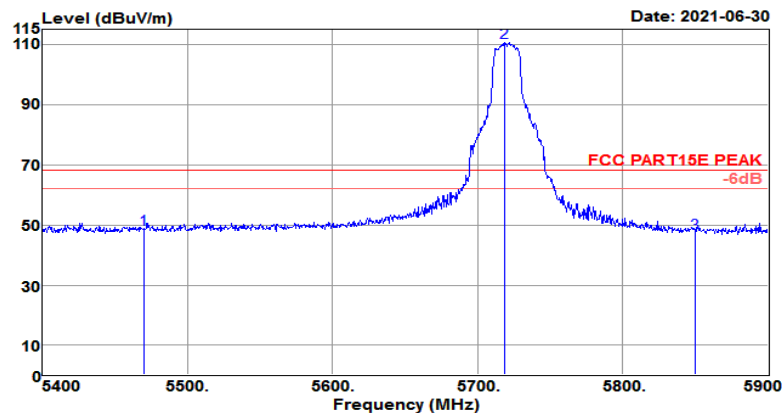
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.55	31.58	8.86	34.14	35.85	54.00	-18.15	Average
5721.500	91.45	31.95	7.82	34.26	96.96	54.00	42.96	Average
5850.000	30.61	32.16	7.46	34.33	35.90	54.00	-18.10	Average



Test Mode :	802.11 n HT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 165



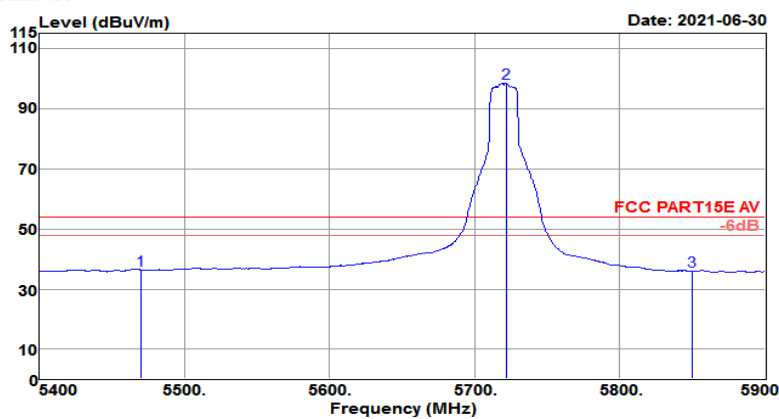
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.17	31.58	8.86	34.14	48.47	68.20	-19.73	Peak
5718.500	104.99	31.95	7.83	34.26	110.51	68.20	42.31	Peak
5850.000	41.89	32.16	7.46	34.33	47.18	68.20	-21.02	Peak



Test Mode :	802.11 n HT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 166

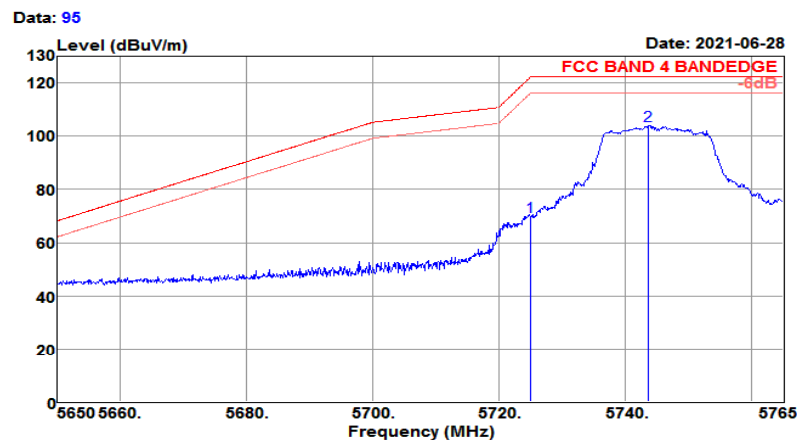


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	30.03	31.58	8.86	34.14	36.33	54.00	-17.67	Average
5721.500	93.00	31.95	7.82	34.26	98.51	54.00	44.51	Average
5850.000	30.73	32.16	7.46	34.33	36.02	54.00	-17.98	Average



Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

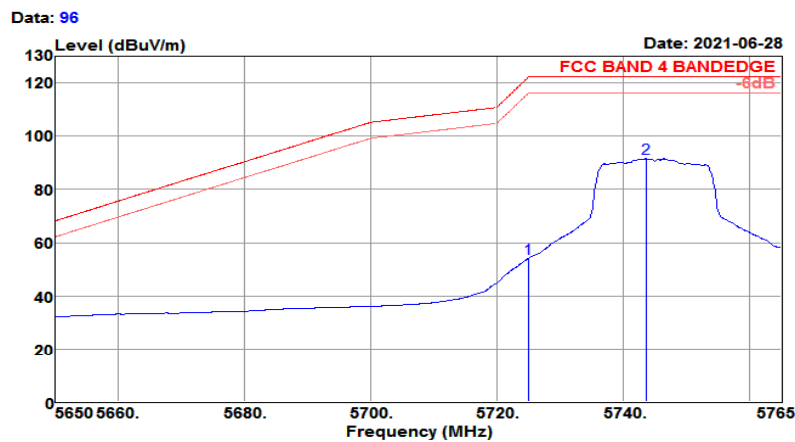


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	66.06	31.96	6.04	34.26	69.80	122.20	-52.40	Peak
5743.725	100.07	31.99	6.05	34.27	103.84	122.20	-18.36	Peak



Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

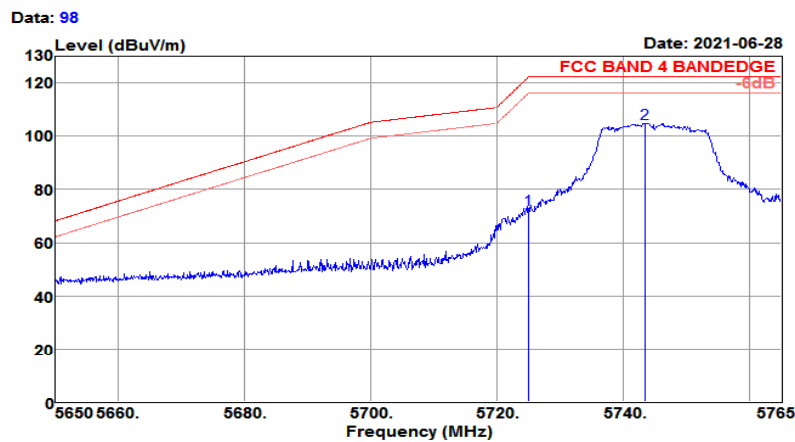


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	50.53	31.96	6.04	34.26	54.27	122.20	-67.93	Average
5743.610	87.77	31.99	6.05	34.27	91.54	122.20	-30.66	Average



Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

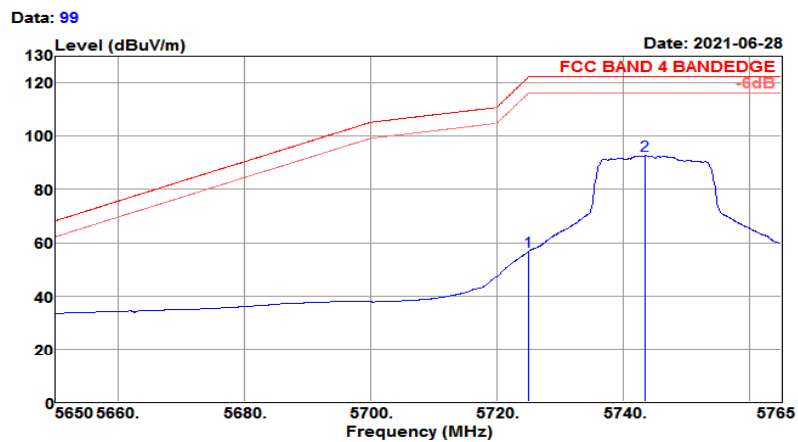


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	68.69	31.96	6.04	34.26	72.43	122.20	-49.77	Peak
5743.380	101.06	31.99	6.05	34.27	104.83	122.20	-17.37	Peak



Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

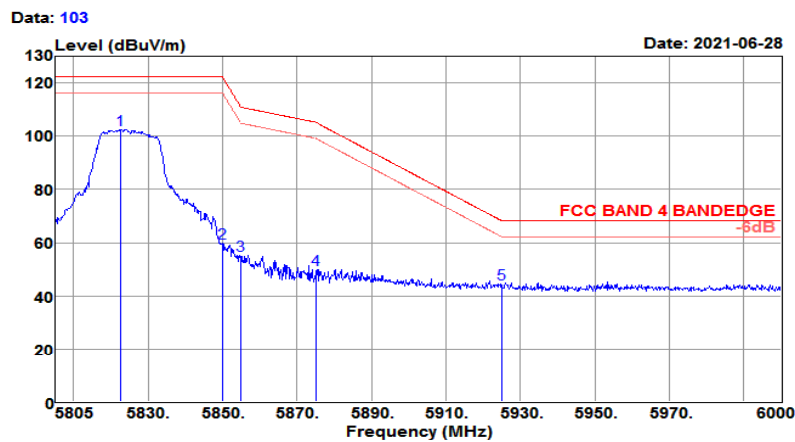


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	53.05	31.96	6.04	34.26	56.79	122.20	-65.41	Average
5743.495	88.98	31.99	6.05	34.27	92.75	122.20	-29.45	Average



Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V



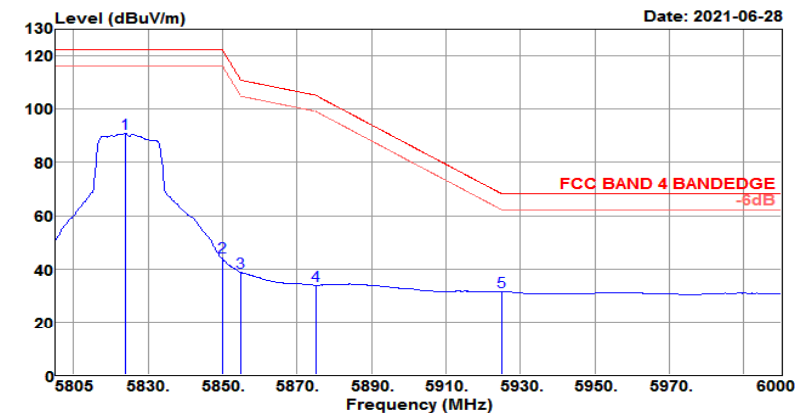
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5822.745	98.52	32.12	6.12	34.31	102.45	122.20	-19.75	Peak
5850.000	55.94	32.16	6.15	34.33	59.92	122.20	-62.28	Peak
5855.000	51.27	32.17	6.16	34.33	55.27	110.80	-55.53	Peak
5875.000	45.93	32.20	6.18	34.34	49.97	105.20	-55.23	Peak
5925.000	40.24	32.28	6.22	34.36	44.38	68.20	-23.82	Peak



Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 104



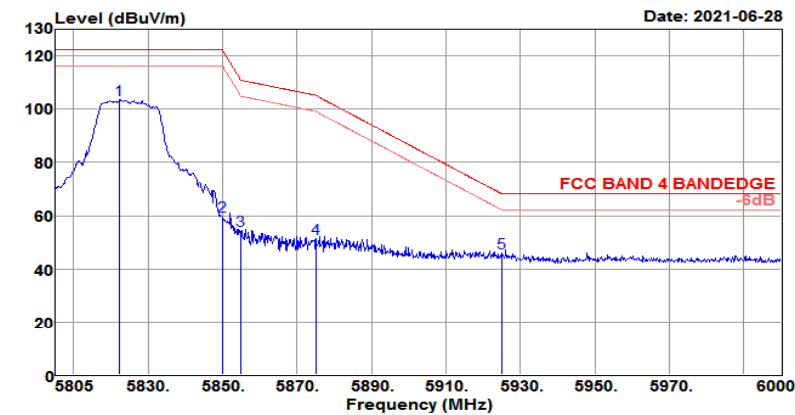
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.915	86.93	32.12	6.12	34.31	90.86	122.20	-31.34	Average
5850.000	40.39	32.16	6.15	34.33	44.37	122.20	-77.83	Average
5855.000	34.91	32.17	6.16	34.33	38.91	110.80	-71.89	Average
5875.000	29.91	32.20	6.18	34.34	33.95	105.20	-71.25	Average
5925.000	27.36	32.28	6.22	34.36	31.50	68.20	-36.70	Average



Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 106



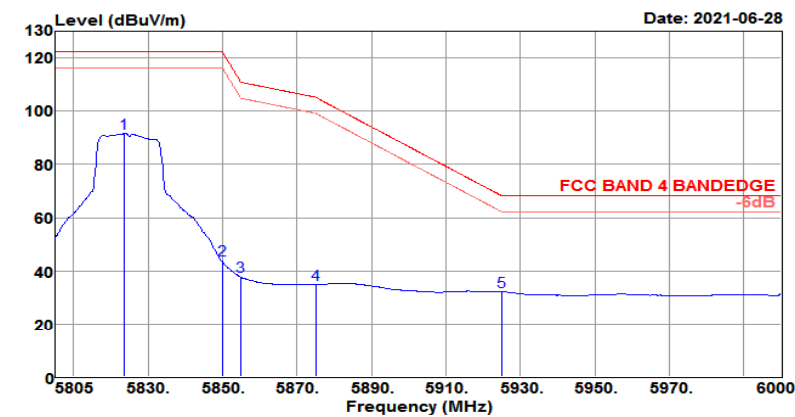
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5822.355	99.58	32.12	6.12	34.31	103.51	122.20	-18.69	Peak
5850.000	56.05	32.16	6.15	34.33	60.03	122.20	-62.17	Peak
5855.000	50.64	32.17	6.16	34.33	54.64	110.80	-56.16	Peak
5875.000	47.52	32.20	6.18	34.34	51.56	105.20	-53.64	Peak
5925.000	41.98	32.28	6.22	34.36	46.12	68.20	-22.08	Peak



Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 107



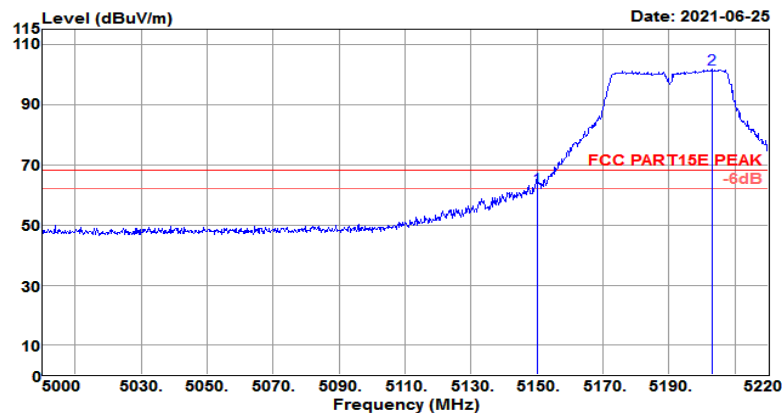
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.720	87.77	32.12	6.12	34.31	91.70	122.20	-30.50	Average
5850.000	40.27	32.16	6.15	34.33	44.25	122.20	-77.95	Average
5855.000	33.81	32.17	6.16	34.33	37.81	110.80	-72.99	Average
5875.000	30.87	32.20	6.18	34.34	34.91	105.20	-70.29	Average
5925.000	28.06	32.28	6.22	34.36	32.20	68.20	-36.00	Average



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH38 (5190MHz)	Power rating:	DC 3.85V

Data: 29



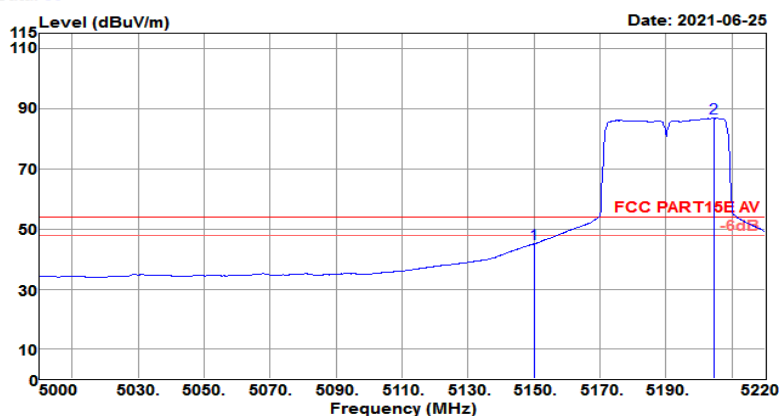
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	56.83	31.32	8.17	33.98	62.34	68.20	-5.86	Peak
5203.060	96.24	31.36	8.26	34.00	101.86	68.20	33.66	Peak



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH38 (5190MHz) Power rating: DC 3.85V

Data: 30



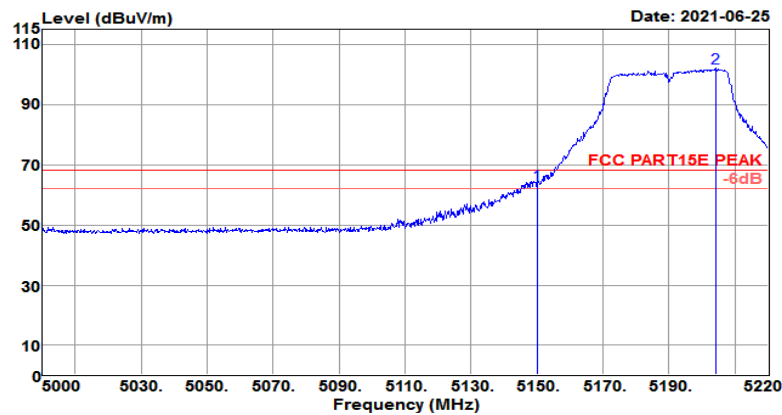
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	39.51	31.32	8.17	33.98	45.02	54.00	-8.98	Average
5204.600	81.11	31.36	8.27	34.00	86.74	54.00	32.74	Average



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH38 (5190MHz)	Power rating:	DC 3.85V

Data: 32



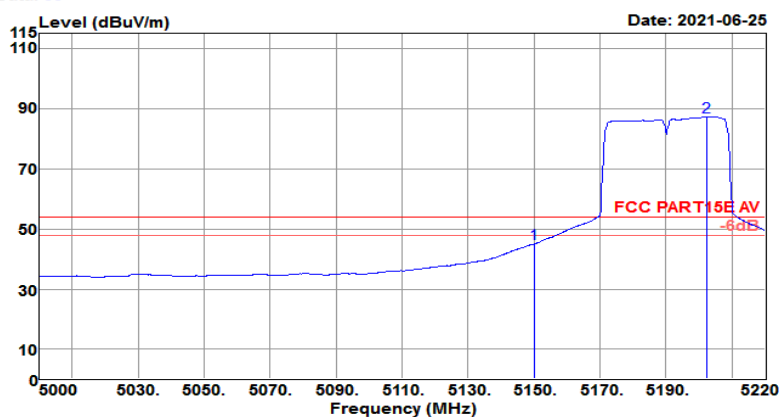
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	57.85	31.32	8.17	33.98	63.36	68.20	-4.84	Peak
5204.160	96.43	31.36	8.27	34.00	102.06	68.20	33.86	Peak



Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH38 (5190MHz) Power rating: DC 3.85V

Data: 33



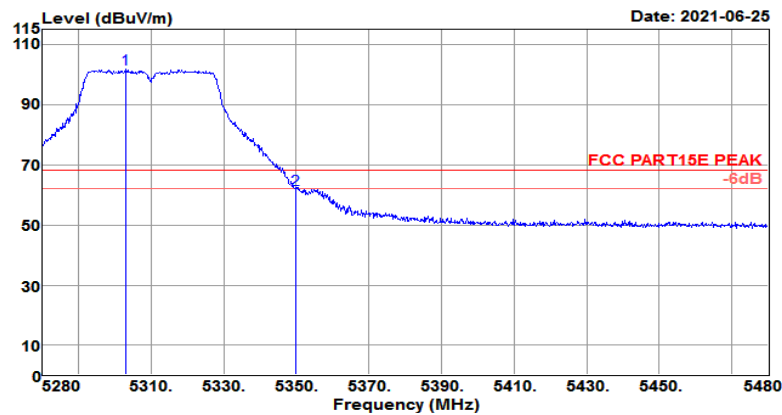
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	39.46	31.32	8.17	33.98	44.97	54.00	-9.03	Average
5202.180	81.58	31.36	8.26	34.00	87.20	54.00	33.20	Average



Test Mode :	802.11n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 38



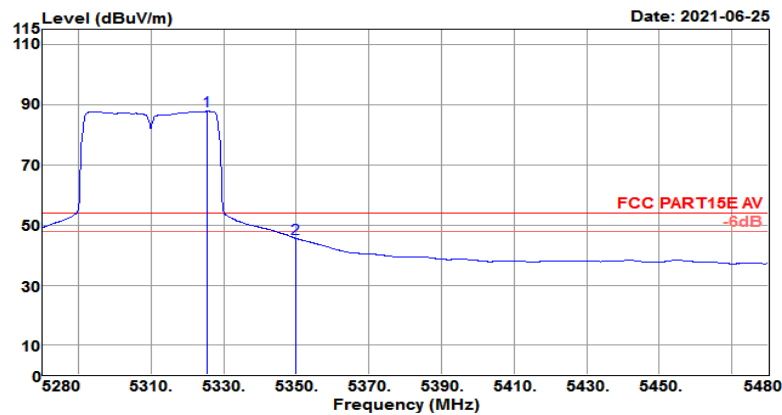
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5303.200	95.70	31.44	8.65	34.05	101.74	68.20	33.54	Peak
5350.000	55.63	31.48	8.84	34.08	61.87	68.20	-6.33	Peak



Test Mode :	802.11n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 39



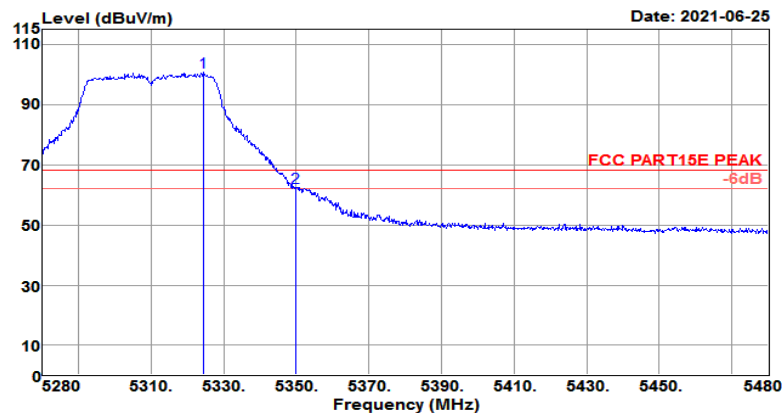
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5325.600	81.62	31.46	8.74	34.06	87.76	54.00	33.76	Average
5350.000	39.23	31.48	8.84	34.08	45.47	54.00	-8.53	Average



Test Mode :	802.11n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 35



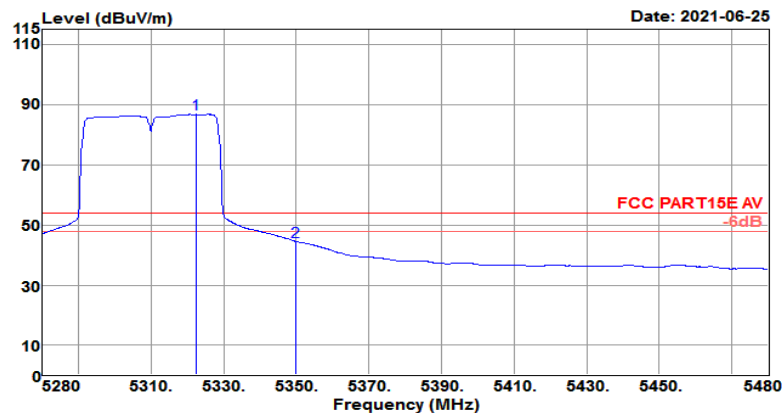
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5324.400	94.57	31.46	8.74	34.06	100.71	68.20	32.51	Peak
5350.000	56.12	31.48	8.84	34.08	62.36	68.20	-5.84	Peak



Test Mode :	802.11n HT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH62 (5310MHz)	Power rating:	DC 3.85V

Data: 36



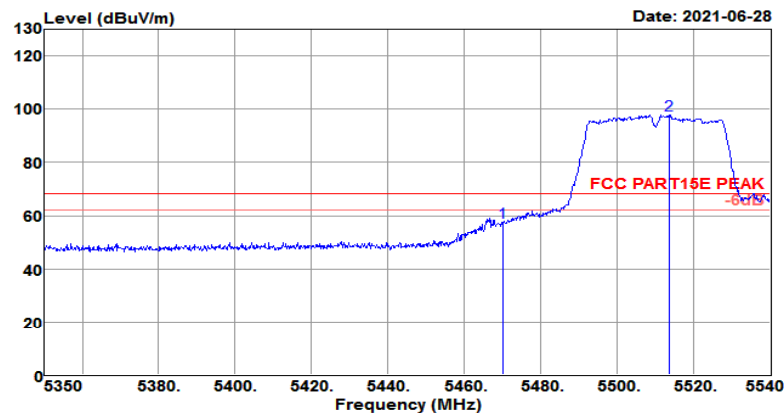
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5322.600	80.57	31.46	8.73	34.06	86.70	54.00	32.70	Average
5350.000	38.23	31.48	8.84	34.08	44.47	54.00	-9.53	Average



Test Mode :	802.11n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH102(5510MHz)	Power rating:	DC 3.85V

Data: 97



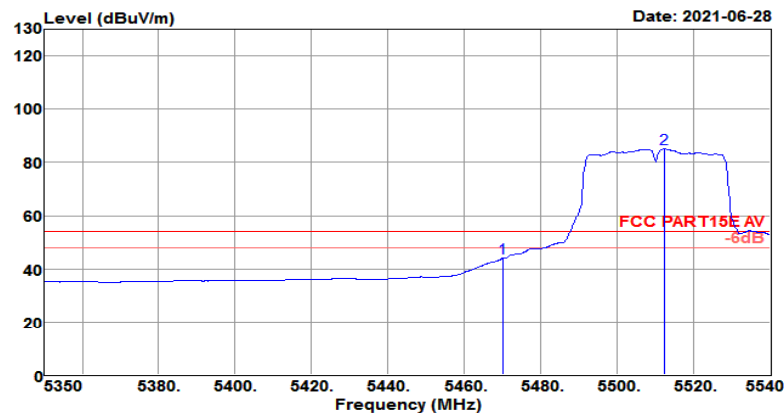
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	51.23	31.58	8.86	34.14	57.53	68.20	-10.67	Peak
5513.590	91.59	31.62	8.75	34.16	97.80	68.20	29.60	Peak



Test Mode :	802.11n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 98



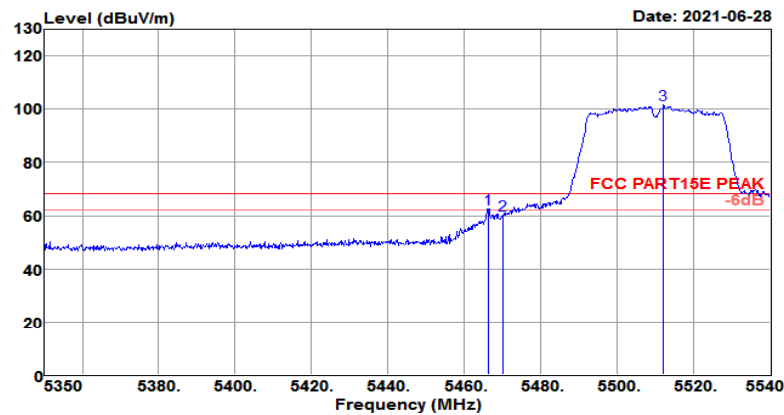
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	37.75	31.58	8.86	34.14	44.05	54.00	-9.95	Average
5512.260	78.85	31.62	8.75	34.16	85.06	54.00	31.06	Average



Test Mode :	802.11n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 100



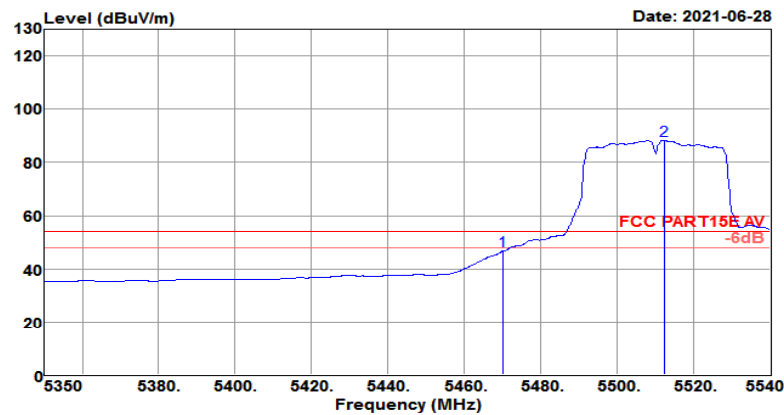
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5466.280	56.31	31.57	8.87	34.13	62.62	68.20	-5.58	Peak
5470.000	53.87	31.58	8.86	34.14	60.17	68.20	-8.03	Peak
5512.070	95.30	31.62	8.76	34.16	101.52	68.20	33.32	Peak



Test Mode :	802.11n HT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 101



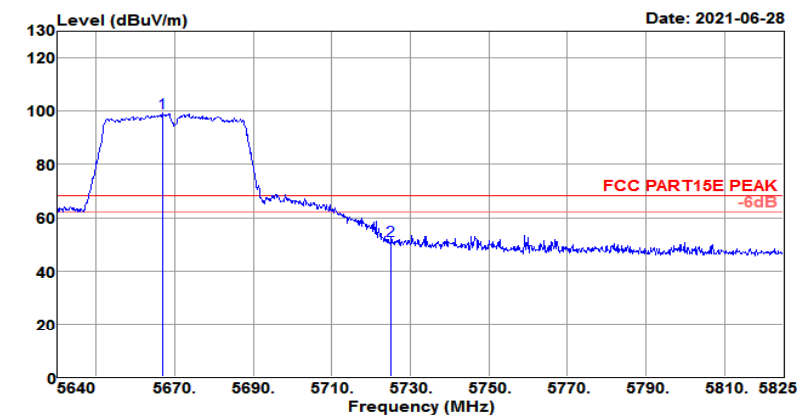
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	40.47	31.58	8.86	34.14	46.77	54.00	-7.23	Average
5512.260	82.07	31.62	8.75	34.16	88.28	54.00	34.28	Average



Test Mode :	802.11n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 108



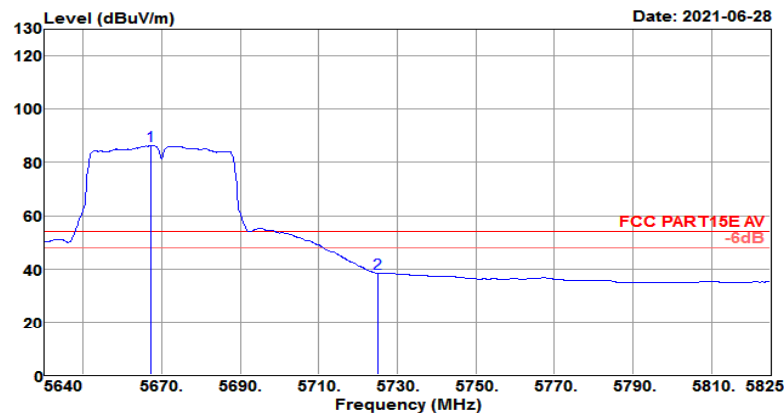
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.010	93.40	31.87	8.14	34.23	99.18	68.20	30.98	Peak
5725.000	45.76	31.96	7.80	34.26	51.26	68.20	-16.94	Peak



Test Mode :	802.11n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 109



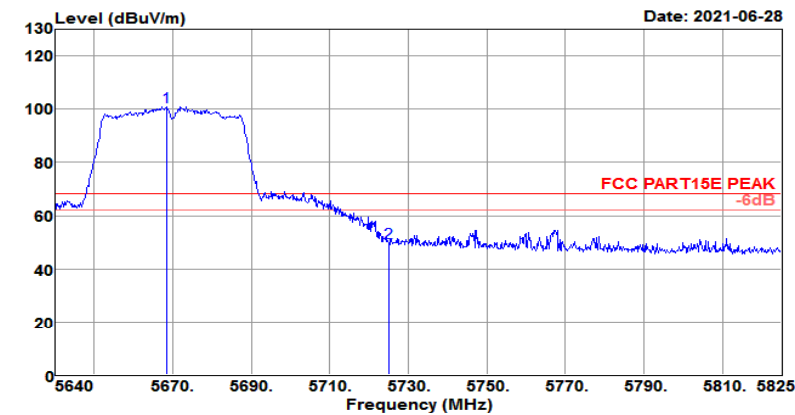
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.195	80.46	31.87	8.14	34.23	86.24	54.00	32.24	Average
5725.000	32.86	31.96	7.80	34.26	38.36	54.00	-15.64	Average



Test Mode :	802.11n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 105



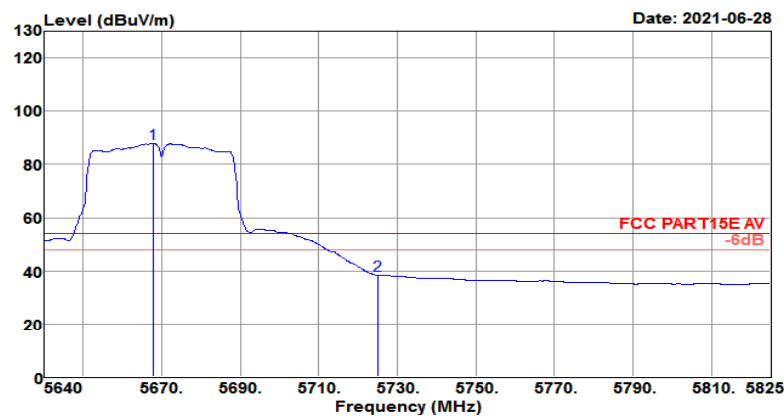
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5668.490	95.05	31.87	8.13	34.23	100.82	68.20	32.62	Peak
5725.000	44.37	31.96	7.80	34.26	49.87	68.20	-18.33	Peak



Test Mode :	802.11n HT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT40 CH134(5670MHz)
Power rating: DC 3.85V

Data: 106



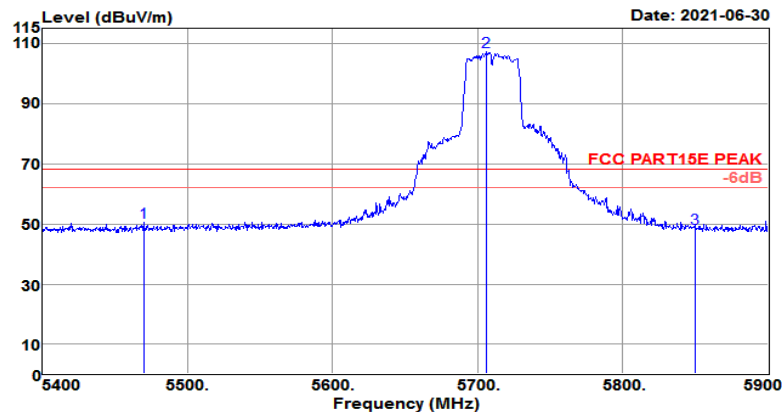
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.935	82.01	31.87	8.14	34.23	87.79	54.00	33.79	Average
5725.000	32.82	31.96	7.80	34.26	38.32	54.00	-15.68	Average



Test Mode :	802.11n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 171



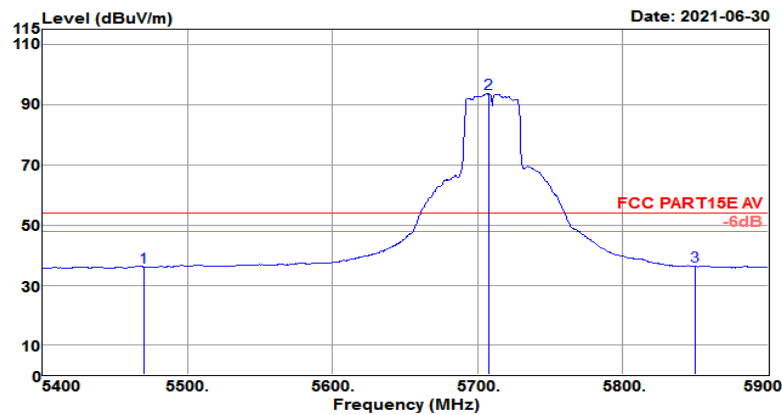
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	44.28	31.58	8.86	34.14	50.58	68.20	-17.62	Peak
5706.000	101.53	31.93	7.91	34.25	107.12	68.20	38.92	Peak
5850.000	43.27	32.16	7.46	34.33	48.56	68.20	-19.64	Peak



Test Mode :	802.11n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 172



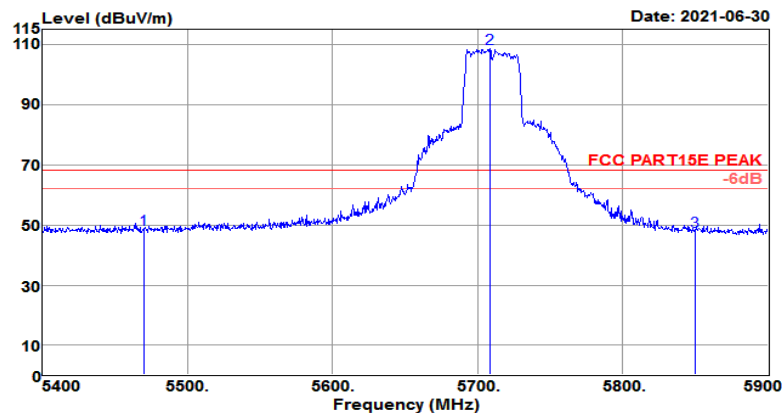
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.71	31.58	8.86	34.14	36.01	54.00	-17.99	Average
5708.000	87.97	31.93	7.90	34.25	93.55	54.00	39.55	Average
5850.000	30.89	32.16	7.46	34.33	36.18	54.00	-17.82	Average



Test Mode :	802.11n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 174



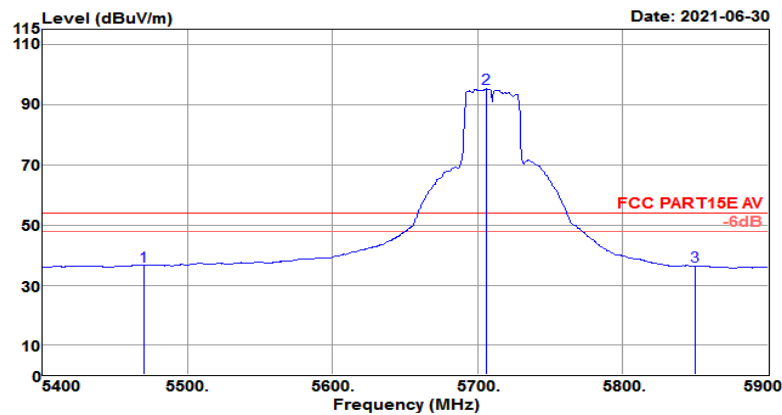
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.18	31.58	8.86	34.14	48.48	68.20	-19.72	Peak
5708.500	102.84	31.93	7.89	34.25	108.41	68.20	40.21	Peak
5850.000	42.47	32.16	7.46	34.33	47.76	68.20	-20.44	Peak



Test Mode :	802.11n HT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 175

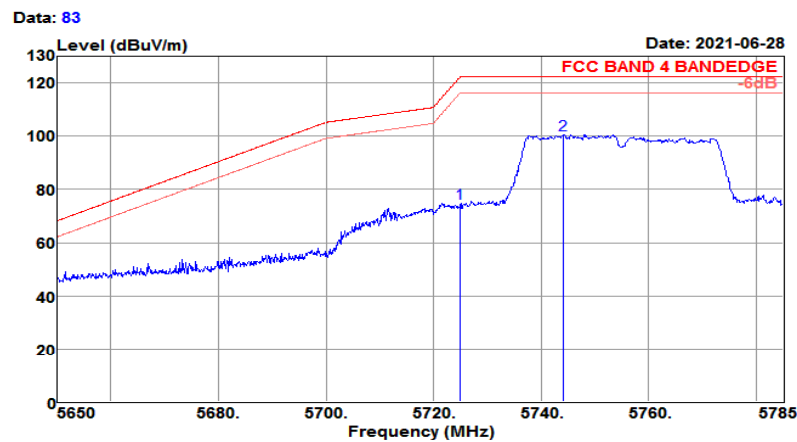


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	30.17	31.58	8.86	34.14	36.47	54.00	-17.53	Average
5706.000	89.59	31.93	7.91	34.25	95.18	54.00	41.18	Average
5850.000	30.96	32.16	7.46	34.33	36.25	54.00	-17.75	Average



Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V



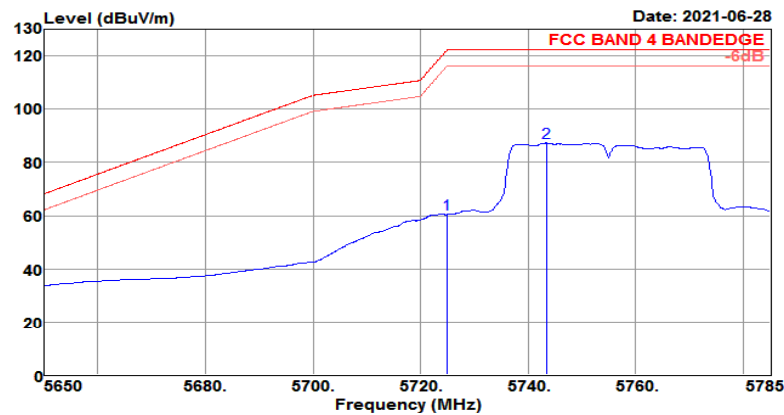
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	71.12	31.96	6.04	34.26	74.86	122.20	-47.34	Peak
5744.230	96.79	31.99	6.06	34.27	100.57	122.20	-21.63	Peak



Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 84

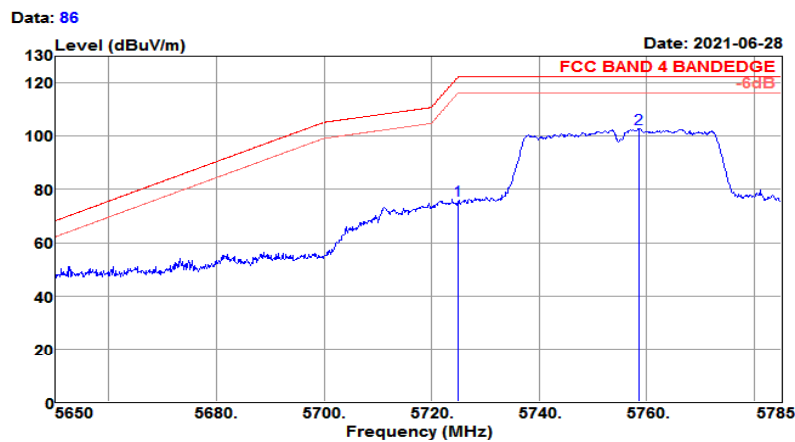


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	56.73	31.96	6.04	34.26	60.47	122.20	-61.73	Average
5743.420	83.55	31.99	6.05	34.27	87.32	122.20	-34.88	Average



Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V



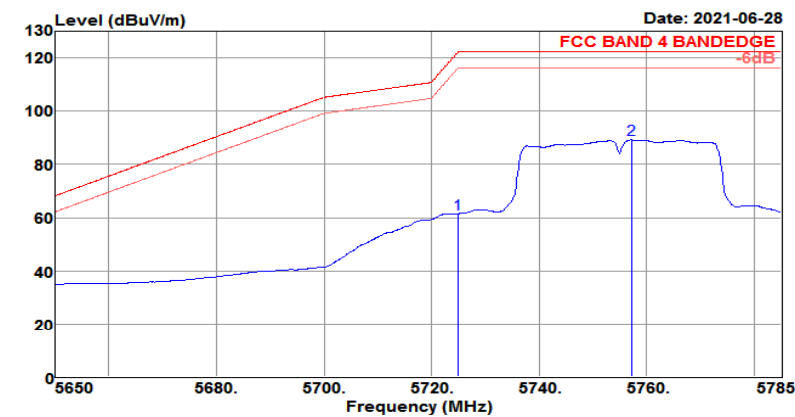
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	72.02	31.96	6.04	34.26	75.76	122.20	-46.44	Peak
5758.540	98.96	32.01	6.07	34.28	102.76	122.20	-19.44	Peak



Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH151 (5755MHz) Power rating: DC 3.85V

Data: 87



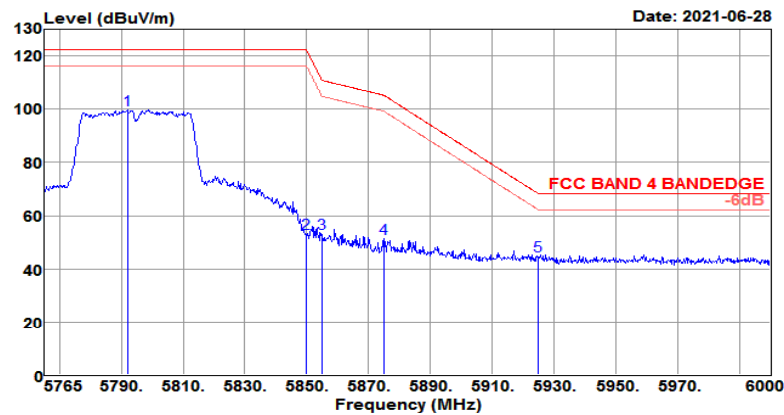
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	57.77	31.96	6.04	34.26	61.51	122.20	-60.69	Average
5757.190	85.47	32.01	6.07	34.28	89.27	122.20	-32.93	Average



Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 92



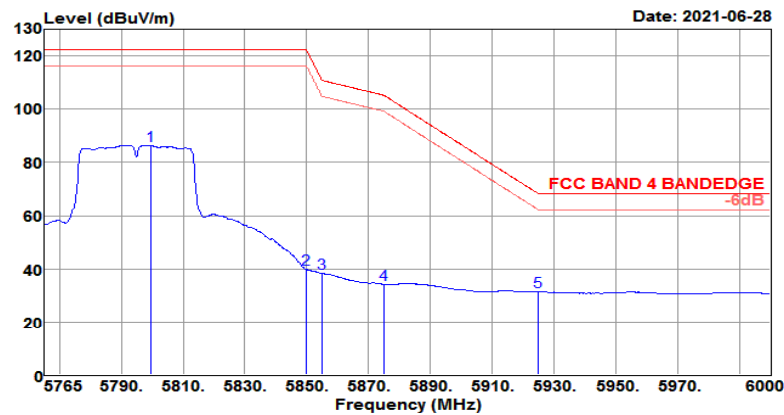
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5792.025	95.85	32.07	6.09	34.30	99.71	122.20	-22.49	Peak
5850.000	49.40	32.16	6.15	34.33	53.38	122.20	-68.82	Peak
5855.000	49.28	32.17	6.16	34.33	53.28	110.80	-57.52	Peak
5875.000	47.18	32.20	6.18	34.34	51.22	105.20	-53.98	Peak
5925.000	40.75	32.28	6.22	34.36	44.89	68.20	-23.31	Peak



Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 93

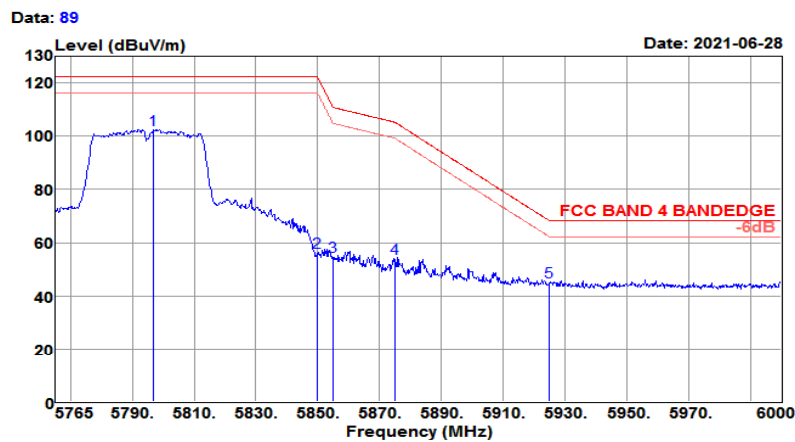


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5799.545	82.61	32.08	6.10	34.30	86.49	122.20	-35.71	Average
5850.000	35.91	32.16	6.15	34.33	39.89	122.20	-82.31	Average
5855.000	34.51	32.17	6.16	34.33	38.51	110.80	-72.29	Average
5875.000	30.29	32.20	6.18	34.34	34.33	105.20	-70.87	Average
5925.000	27.36	32.28	6.22	34.36	31.50	68.20	-36.70	Average



Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V



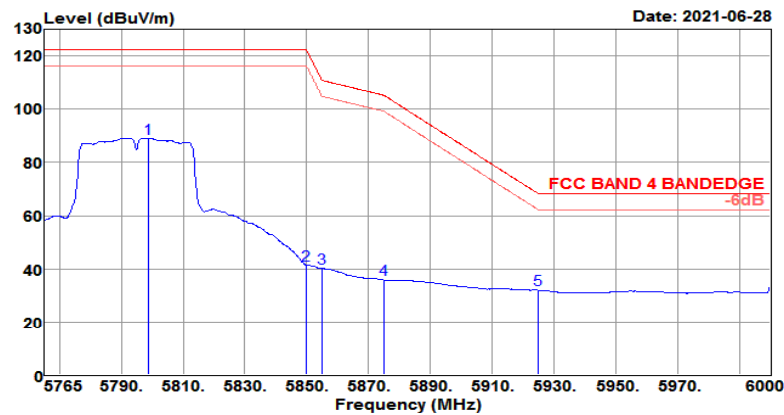
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5796.960	98.65	32.08	6.10	34.30	102.53	122.20	-19.67	Peak
5850.000	52.49	32.16	6.15	34.33	56.47	122.20	-65.73	Peak
5855.000	51.05	32.17	6.16	34.33	55.05	110.80	-55.75	Peak
5875.000	50.04	32.20	6.18	34.34	54.08	105.20	-51.12	Peak
5925.000	41.03	32.28	6.22	34.36	45.17	68.20	-23.03	Peak



Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT40 CH159 (5795MHz) Power rating: DC 3.85V

Data: 90



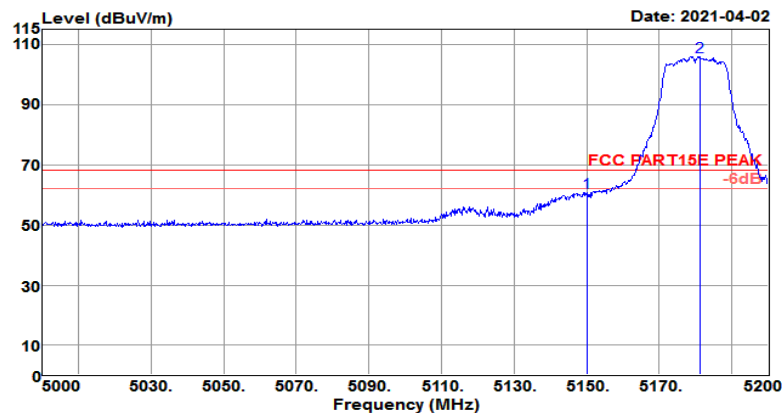
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5798.605	85.29	32.08	6.10	34.30	89.17	122.20	-33.03	Average
5850.000	37.60	32.16	6.15	34.33	41.58	122.20	-80.62	Average
5855.000	36.33	32.17	6.16	34.33	40.33	110.80	-70.47	Average
5875.000	31.86	32.20	6.18	34.34	35.90	105.20	-69.30	Average
5925.000	27.91	32.28	6.22	34.36	32.05	68.20	-36.15	Average



Test Mode :	802.11ac VHT 20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH36(5180MHz) Power rating: DC 3.85V

Data: 4



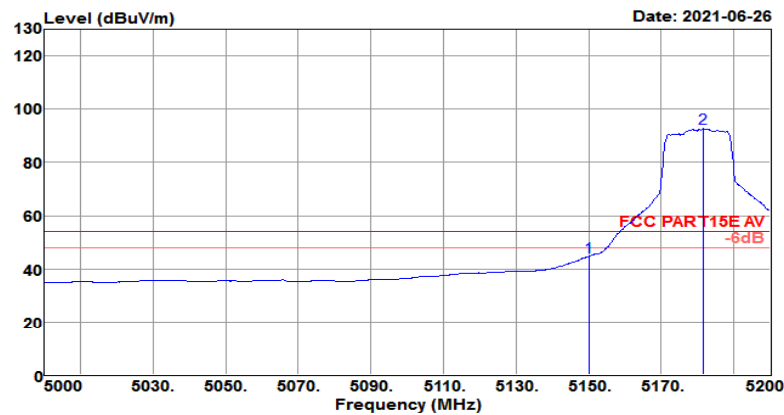
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	55.07	31.32	8.17	33.98	60.58	68.20	-7.62	Peak
5181.400	100.40	31.35	8.22	33.99	105.98	68.20	37.78	Peak



Test Mode :	802.11ac VHT 20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH36(5180MHz) Power rating: DC 3.85V

Data: 93



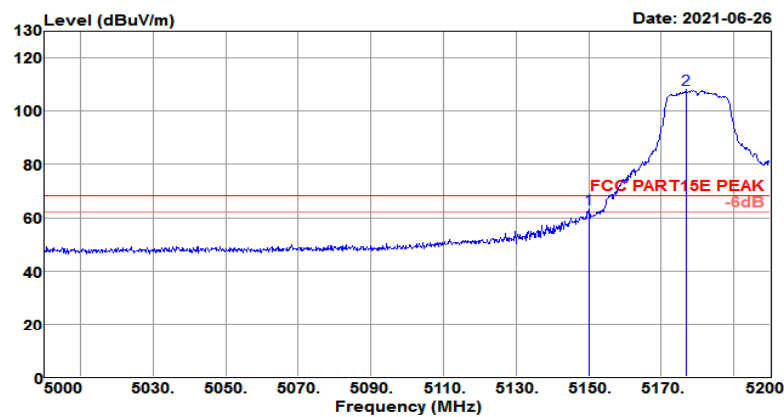
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	39.13	31.32	8.17	33.98	44.64	54.00	-9.36	Average
5181.600	87.07	31.35	8.22	33.99	92.65	54.00	38.65	Average



Test Mode :	802.11ac VHT 20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH36(5180MHz) Power rating: DC 3.85V

Data: 89



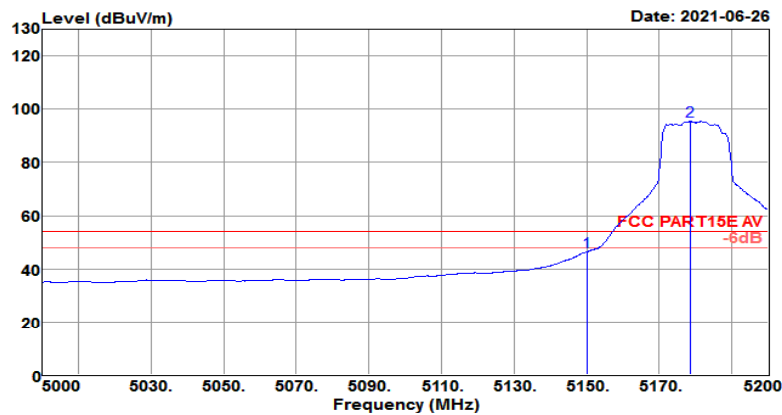
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	57.59	31.32	8.17	33.98	63.10	68.20	-5.10	Peak
5176.800	102.55	31.34	8.21	33.99	108.11	68.20	39.91	Peak



Test Mode :	802.11ac VHT 20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.2GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH36(5180MHz) Power rating: DC 3.85V

Data: 90

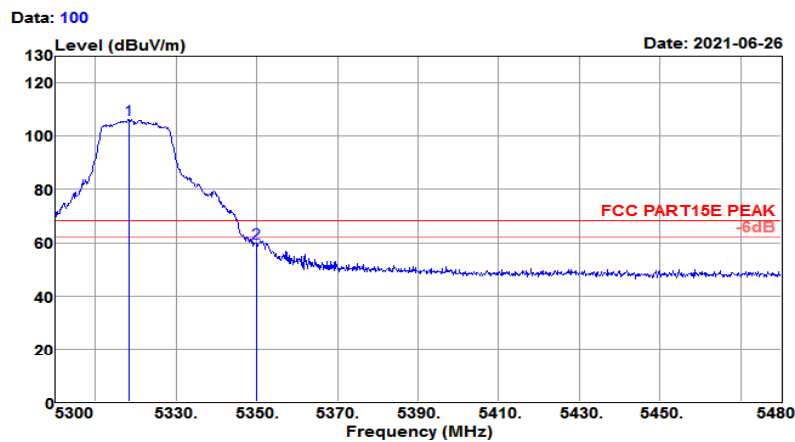


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	40.84	31.32	8.17	33.98	46.35	54.00	-7.65	Average
5178.600	89.84	31.34	8.21	33.99	95.40	54.00	41.40	Average



Test Mode :	802.11 ac VHT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V



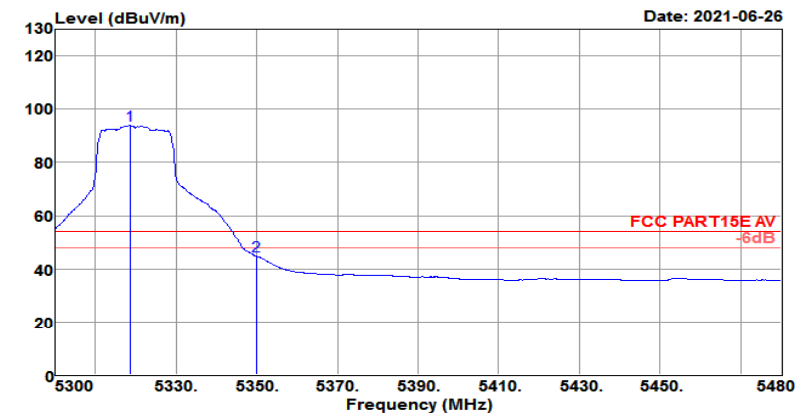
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5318.360	100.09	31.45	8.71	34.06	106.19	68.20	37.99	Peak
5350.000	53.54	31.48	8.84	34.08	59.78	68.20	-8.42	Peak



Test Mode :	802.11 ac VHT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V

Data: 101



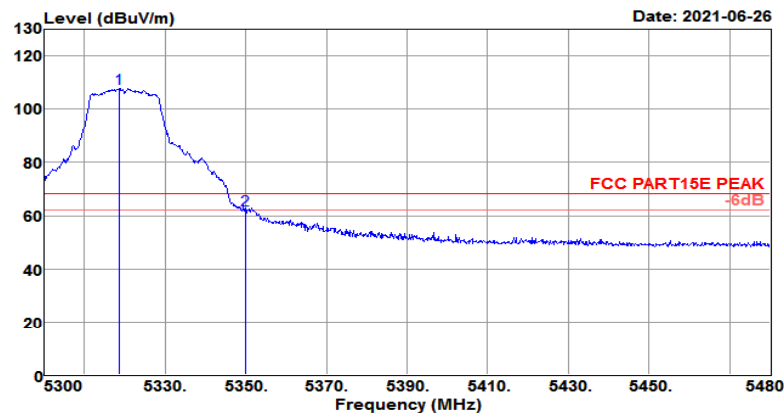
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5318.540	87.77	31.45	8.71	34.06	93.87	54.00	39.87	Average
5350.000	38.49	31.48	8.84	34.08	44.73	54.00	-9.27	Average



Test Mode :	802.11 ac VHT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V

Data: 97



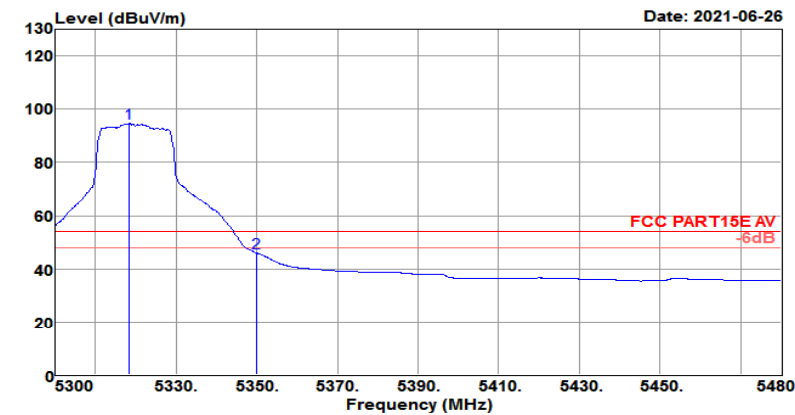
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5318.720	101.69	31.45	8.71	34.06	107.79	68.20	39.59	Peak
5350.000	55.89	31.48	8.84	34.08	62.13	68.20	-6.07	Peak



Test Mode :	802.11 ac VHT 20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.3GHz~5.48GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH64(5320MHz) Power rating: DC 3.85V

Data: 98



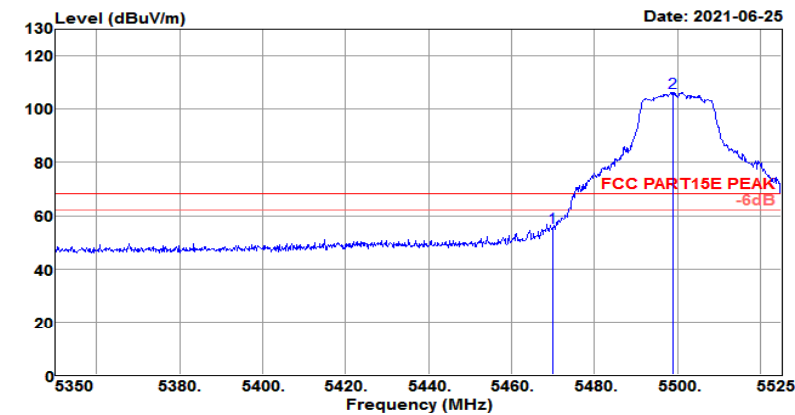
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5318.360	88.46	31.45	8.71	34.06	94.56	54.00	40.56	Average
5350.000	39.77	31.48	8.84	34.08	46.01	54.00	-7.99	Average



Test Mode :	802.11 ac VHT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 69



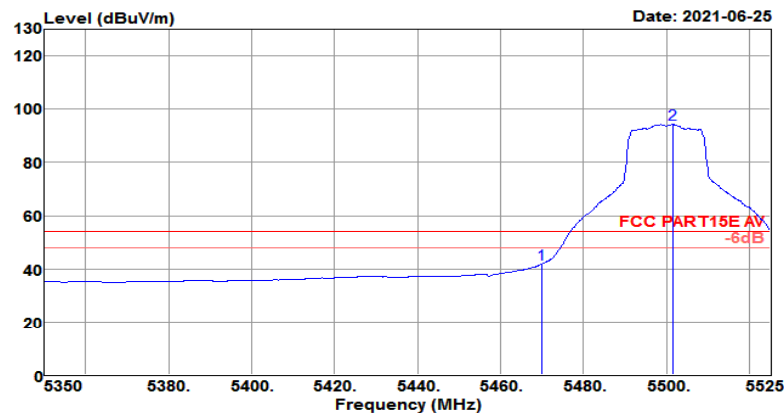
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	49.49	31.58	8.86	34.14	55.79	68.20	-12.41	Peak
5498.925	100.18	31.60	8.79	34.15	106.42	68.20	38.22	Peak



Test Mode :	802.11 ac VHT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 70



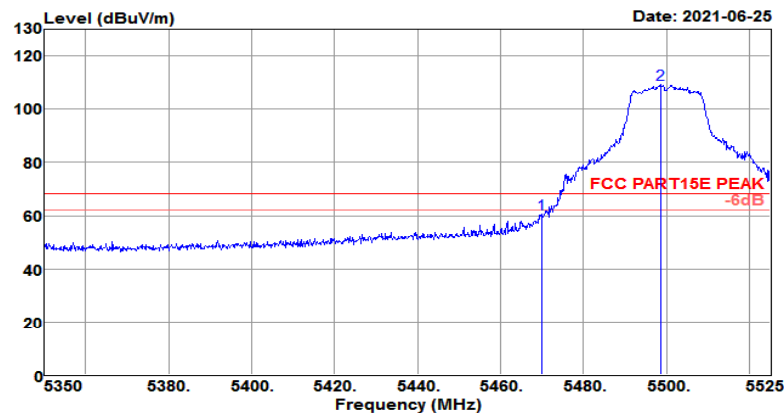
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	35.59	31.58	8.86	34.14	41.89	54.00	-12.11	Average
5501.550	88.12	31.60	8.78	34.15	94.35	54.00	40.35	Average



Test Mode :	802.11 ac VHT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 72



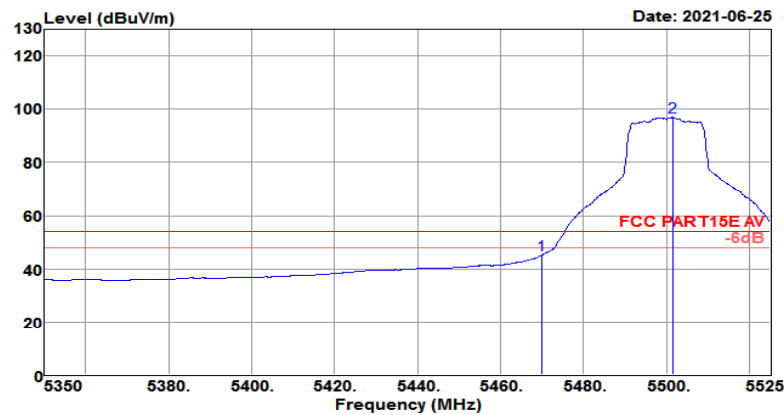
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	54.29	31.58	8.86	34.14	60.59	68.20	-7.61	Peak
5498.750	103.02	31.60	8.79	34.15	109.26	68.20	41.06	Peak



Test Mode :	802.11 ac VHT 20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.525GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH100(5500MHz) Power rating: DC 3.85V

Data: 73



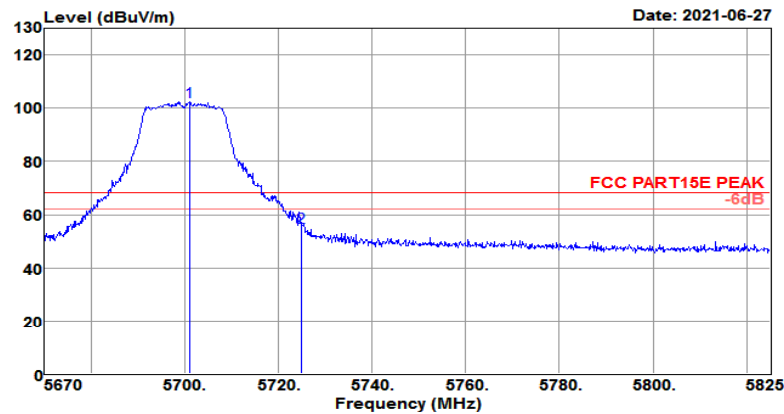
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	38.95	31.58	8.86	34.14	45.25	54.00	-8.75	Average
5501.550	90.70	31.60	8.78	34.15	96.93	54.00	42.93	Average



Test Mode :	802.11 ac VHT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 77



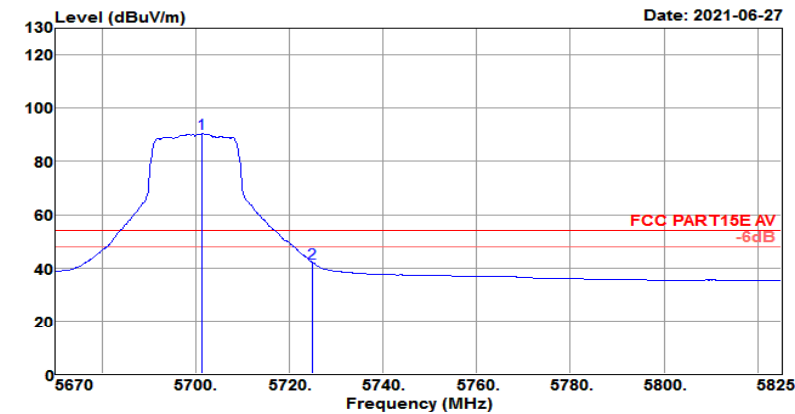
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5701.000	96.83	31.92	7.94	34.25	102.44	68.20	34.24	Peak
5725.000	49.72	31.96	7.80	34.26	55.22	68.20	-12.98	Peak



Test Mode :	802.11 ac VHT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 78



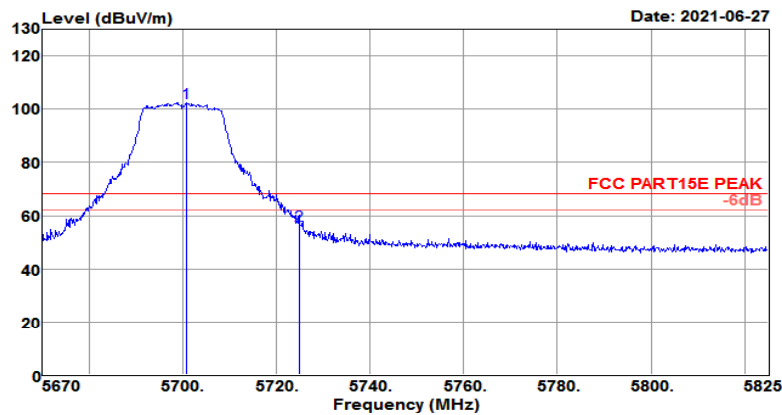
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5701.310	84.83	31.92	7.94	34.25	90.44	54.00	36.44	Average
5725.000	36.47	31.96	7.80	34.26	41.97	54.00	-12.03	Average



Test Mode :	802.11 ac VHT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 80



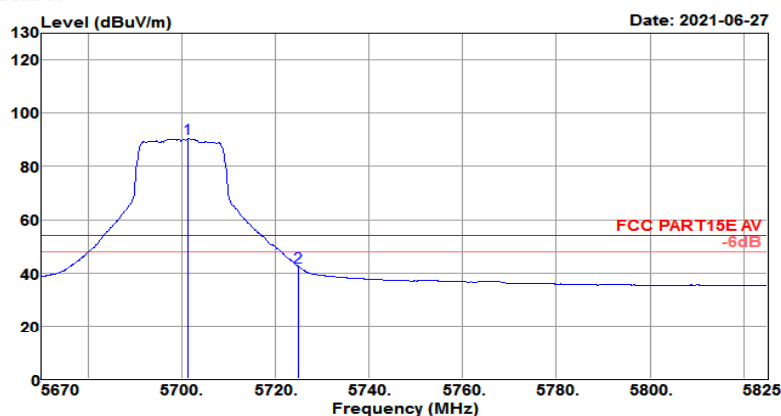
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.845	96.73	31.92	7.94	34.25	102.34	68.20	34.14	Peak
5725.000	50.82	31.96	7.80	34.26	56.32	68.20	-11.88	Peak



Test Mode :	802.11 ac VHT 20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.67GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 81



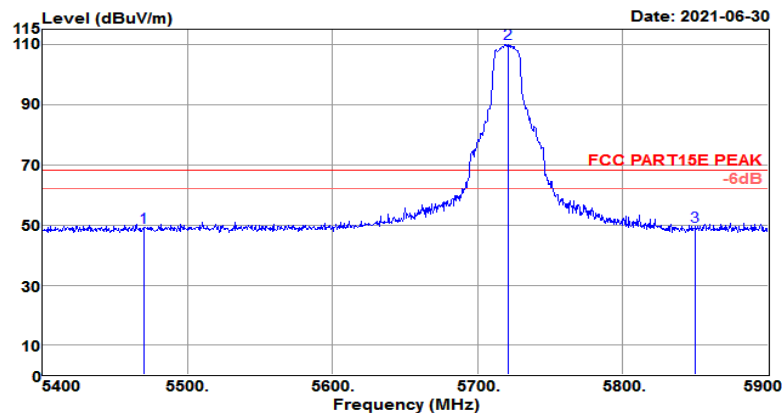
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5701.465	84.78	31.92	7.94	34.25	90.39	54.00	36.39	Average
5725.000	36.76	31.96	7.80	34.26	42.26	54.00	-11.74	Average



Test Mode :	802.11 ac VHT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 159



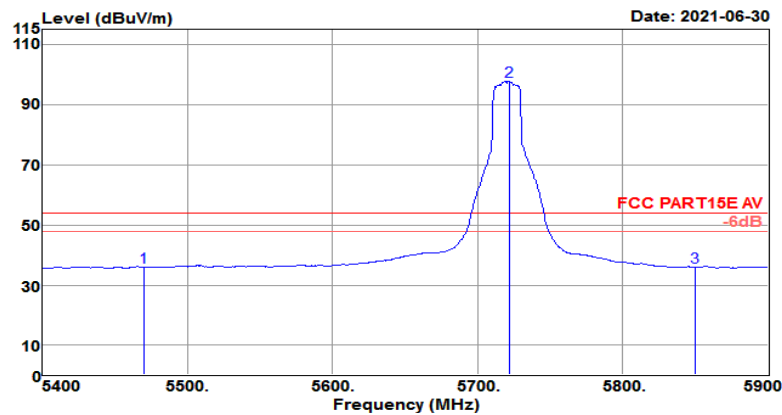
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.94	31.58	8.86	34.14	49.24	68.20	-18.96	Peak
5721.000	104.58	31.95	7.82	34.26	110.09	68.20	41.89	Peak
5850.000	44.18	32.16	7.46	34.33	49.47	68.20	-18.73	Peak



Test Mode :	802.11 ac VHT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 160



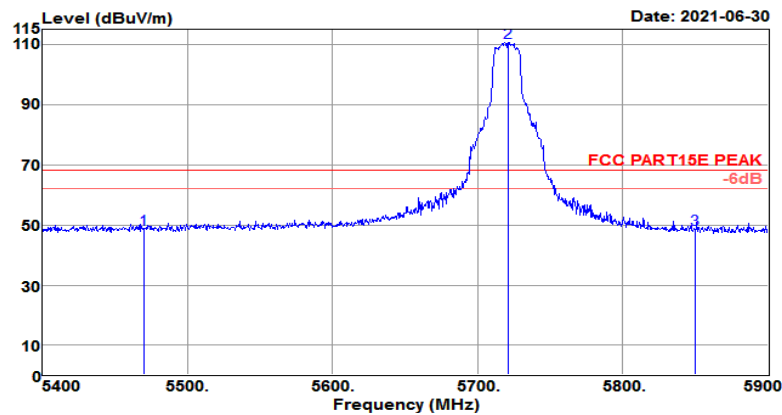
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.58	31.58	8.86	34.14	35.88	54.00	-18.12	Average
5721.500	92.35	31.95	7.82	34.26	97.86	54.00	43.86	Average
5850.000	30.72	32.16	7.46	34.33	36.01	54.00	-17.99	Average



Test Mode :	802.11 ac VHT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 162



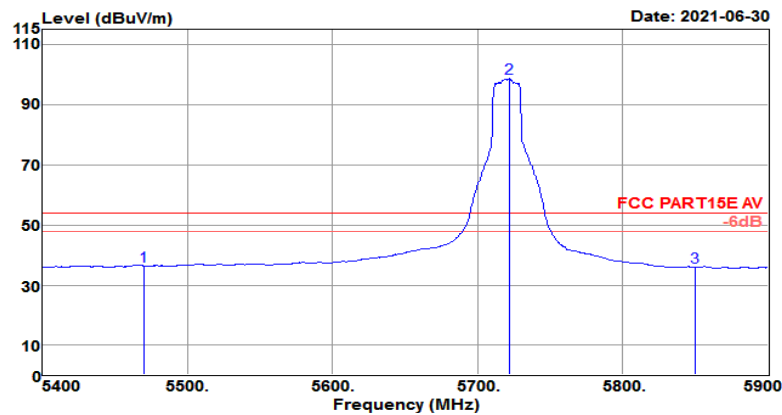
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.15	31.58	8.86	34.14	48.45	68.20	-19.75	Peak
5721.000	105.03	31.95	7.82	34.26	110.54	68.20	42.34	Peak
5850.000	43.20	32.16	7.46	34.33	48.49	68.20	-19.71	Peak



Test Mode :	802.11 ac VHT 20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 163

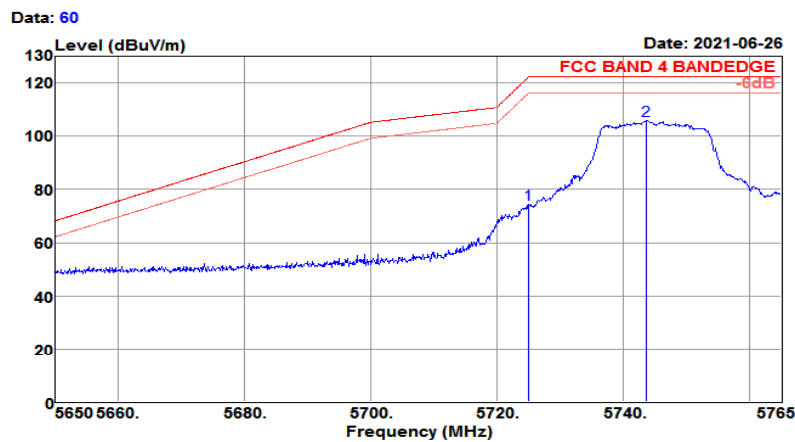


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	30.05	31.58	8.86	34.14	36.35	54.00	-17.65	Average
5721.500	93.12	31.95	7.82	34.26	98.63	54.00	44.63	Average
5850.000	30.73	32.16	7.46	34.33	36.02	54.00	-17.98	Average



Test Mode :	802.11 ac VHT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

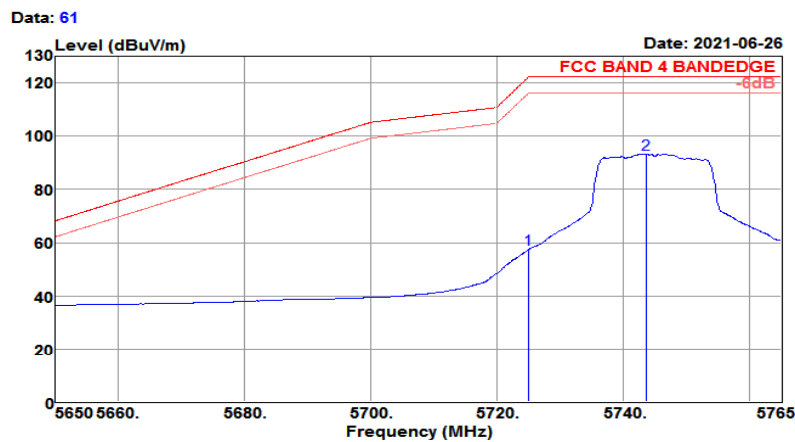


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	68.78	31.96	7.80	34.26	74.28	122.20	-47.92	Peak
5743.725	100.58	31.99	7.68	34.27	105.98	122.20	-16.22	Peak



Test Mode :	802.11 ac VHT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

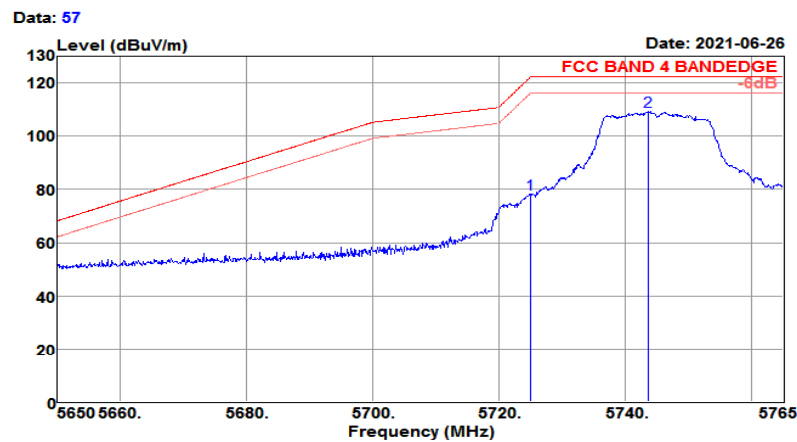


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	51.95	31.96	7.80	34.26	57.45	122.20	-64.75	Average
5743.610	87.91	31.99	7.69	34.27	93.32	122.20	-28.88	Average



Test Mode :	802.11 ac VHT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V



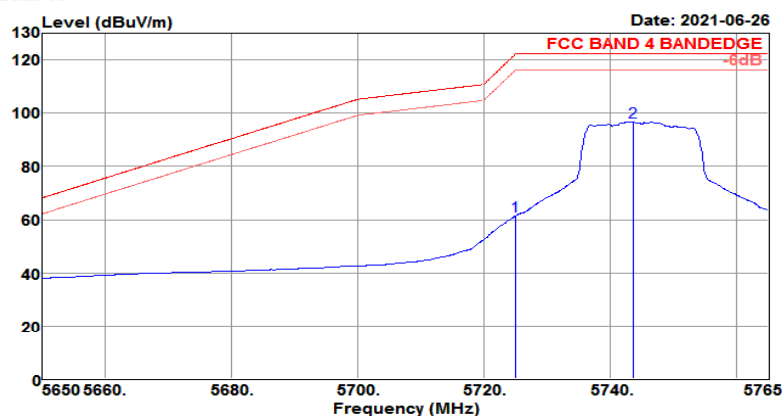
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	72.57	31.96	7.80	34.26	78.07	122.20	-44.13	Peak
5743.725	103.77	31.99	7.68	34.27	109.17	122.20	-13.03	Peak



Test Mode :	802.11 ac VHT 20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.765GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH149(5745MHz) Power rating: DC 3.85V

Data: 58

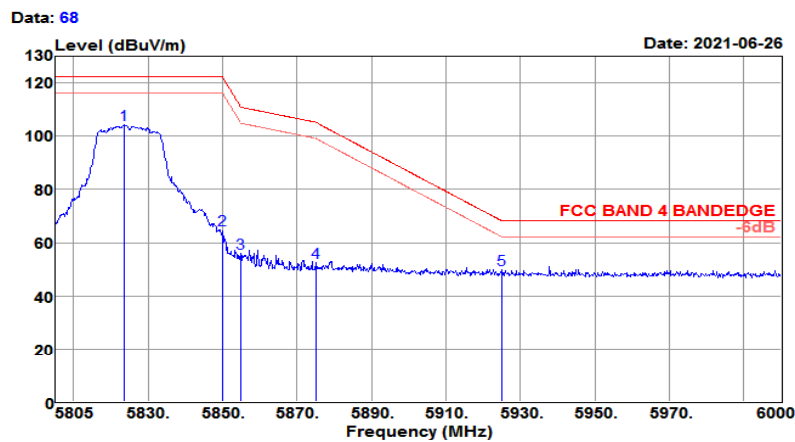


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	55.91	31.96	7.80	34.26	61.41	122.20	-60.79	Average
5743.610	91.36	31.99	7.69	34.27	96.77	122.20	-25.43	Average



Test Mode :	802.11 ac VHT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V



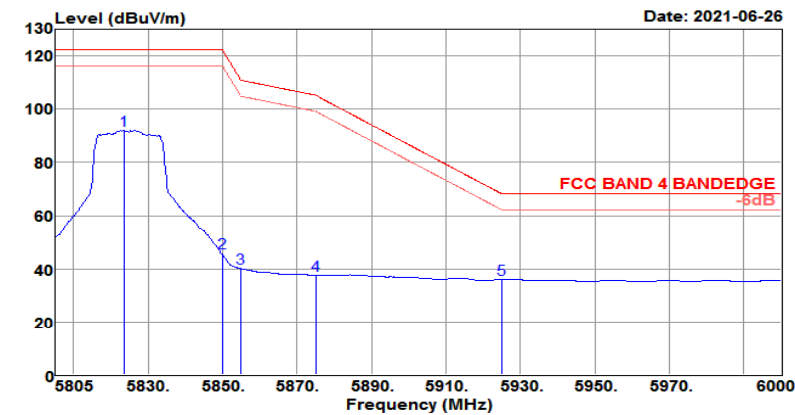
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.720	99.04	32.12	7.40	34.31	104.25	122.20	-17.95	Peak
5850.000	59.45	32.16	7.46	34.33	64.74	122.20	-57.46	Peak
5855.000	50.77	32.17	7.47	34.33	56.08	110.80	-54.72	Peak
5875.000	47.34	32.20	7.52	34.34	52.72	105.20	-52.48	Peak
5925.000	44.24	32.28	7.63	34.36	49.79	68.20	-18.41	Peak



Test Mode :	802.11 ac VHT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

Data: 69

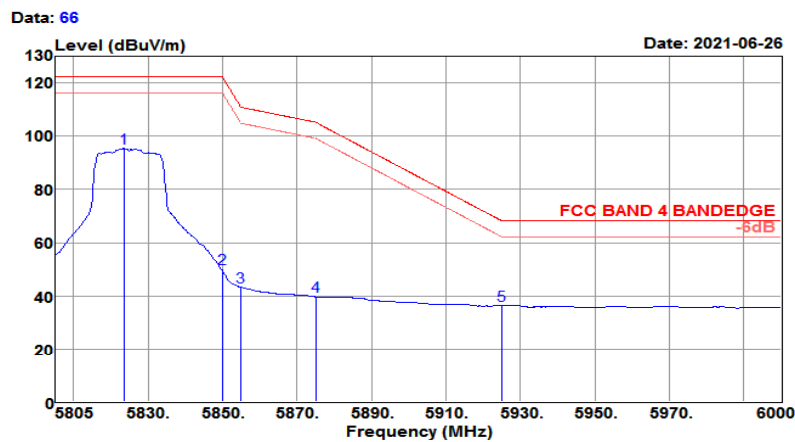


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.525	86.90	32.12	7.40	34.31	92.11	122.20	-30.09	Average
5850.000	40.85	32.16	7.46	34.33	46.14	122.20	-76.06	Average
5855.000	34.89	32.17	7.47	34.33	40.20	110.80	-70.60	Average
5875.000	32.20	32.20	7.52	34.34	37.58	105.20	-67.62	Average
5925.000	30.49	32.28	7.63	34.36	36.04	68.20	-32.16	Average



Test Mode :	802.11 ac VHT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V

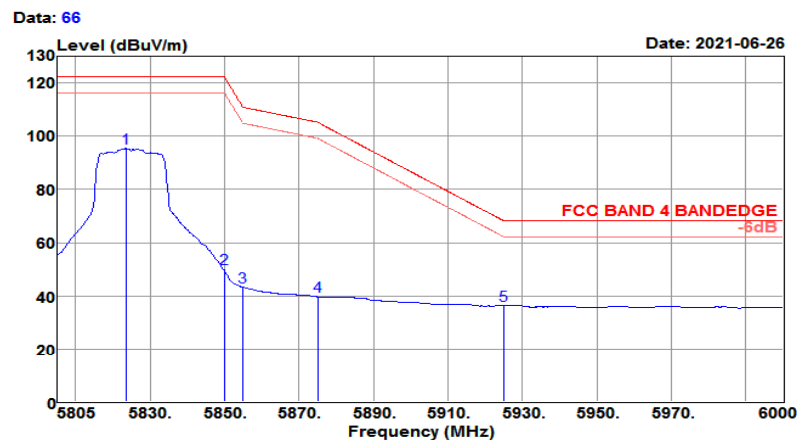


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.525	90.13	32.12	7.40	34.31	95.34	122.20	-26.86	Average
5850.000	44.91	32.16	7.46	34.33	50.20	122.20	-72.00	Average
5855.000	38.15	32.17	7.47	34.33	43.46	110.80	-67.34	Average
5875.000	34.38	32.20	7.52	34.34	39.76	105.20	-65.44	Average
5925.000	30.88	32.28	7.63	34.36	36.43	68.20	-31.77	Average



Test Mode :	802.11 ac VHT 20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.805GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT20 CH165(5825MHz) Power rating: DC 3.85V



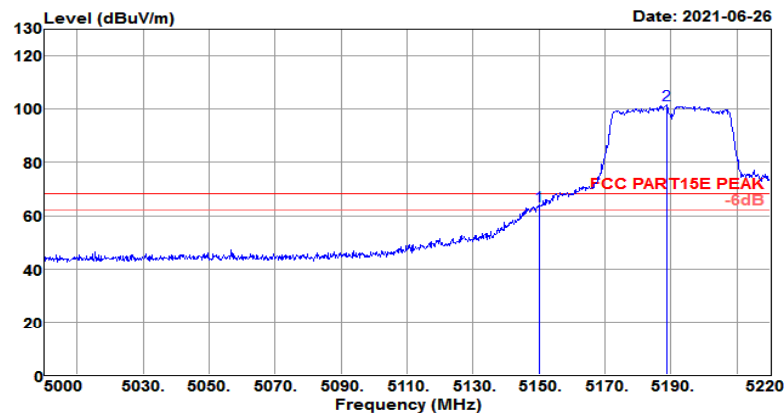
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.525	90.13	32.12	7.40	34.31	95.34	122.20	-26.86	Average
5850.000	44.91	32.16	7.46	34.33	50.20	122.20	-72.00	Average
5855.000	38.15	32.17	7.47	34.33	43.46	110.80	-67.34	Average
5875.000	34.38	32.20	7.52	34.34	39.76	105.20	-65.44	Average
5925.000	30.88	32.28	7.63	34.36	36.43	68.20	-31.77	Average



Test Mode :	802.11ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 103



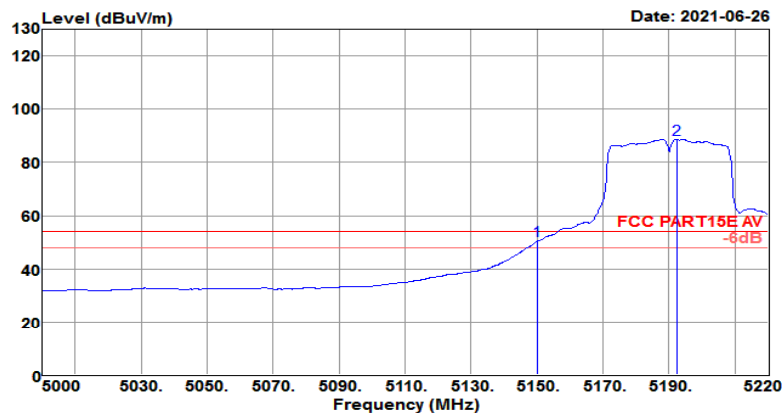
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	58.00	31.32	8.17	33.98	63.51	68.20	-4.69	Peak
5188.540	95.92	31.35	8.23	33.99	101.51	68.20	33.31	Peak



Test Mode :	802.11ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 104



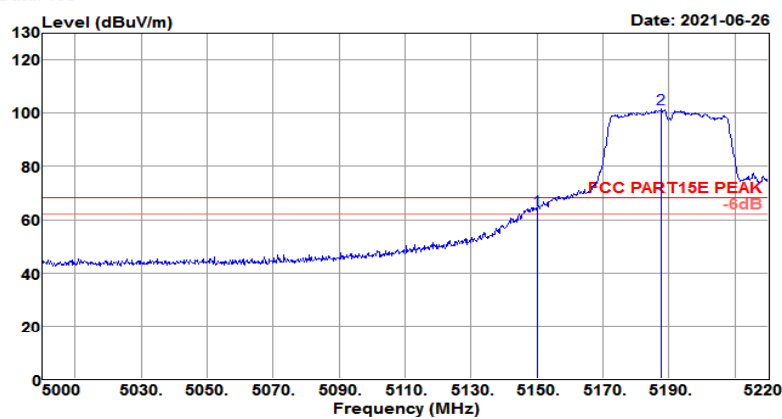
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	45.04	31.32	8.17	33.98	50.55	54.00	-3.45	Average
5192.280	83.04	31.35	8.24	34.00	88.63	54.00	34.63	Average



Test Mode :	802.11ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 106



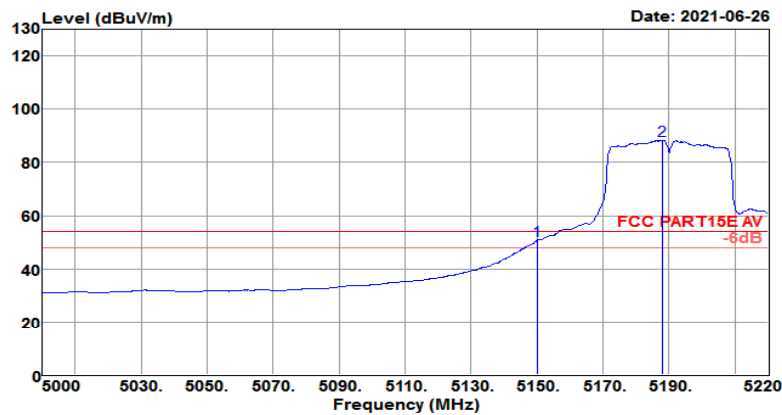
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	58.04	31.32	8.17	33.98	63.55	68.20	-4.65	Peak
5187.660	95.90	31.35	8.23	33.99	101.49	68.20	33.29	Peak



Test Mode :	802.11ac VHT40 CH38 5190MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.22GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH38(5190MHz) Power rating: DC 3.85V

Data: 107



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	45.24	31.32	8.17	33.98	50.75	54.00	-3.25	Average
5187.880	82.60	31.35	8.23	33.99	88.19	54.00	34.19	Average



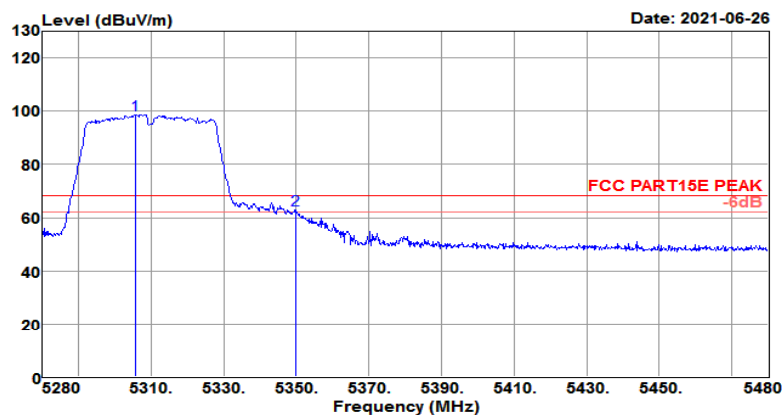
Test Mode :	802.11ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%

 Tested by : Jack Pol/Phase : HORIZONTAL

 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 114



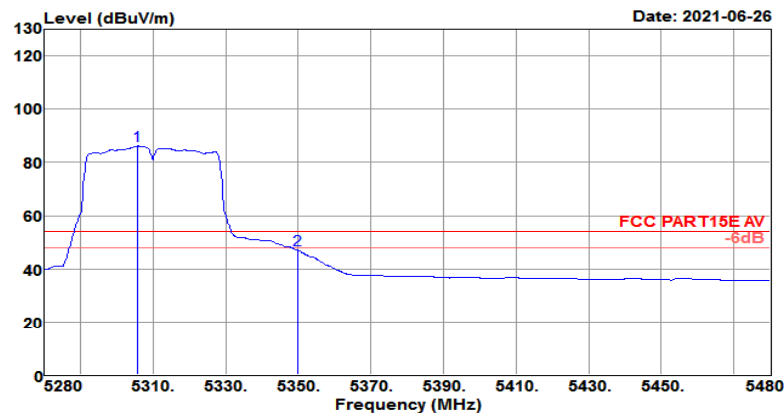
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5305.800	92.71	31.44	8.66	34.05	98.76	68.20	30.56	Peak
5350.000	56.74	31.48	8.84	34.08	62.98	68.20	-5.22	Peak



Test Mode :	802.11ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 115



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5305.800	80.11	31.44	8.66	34.05	86.16	54.00	32.16	Average
5350.000	40.79	31.48	8.84	34.08	47.03	54.00	-6.97	Average



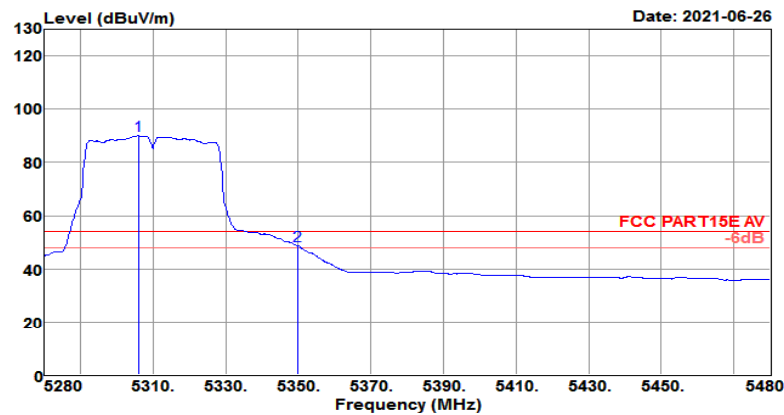
Test Mode :	802.11ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%

 Tested by : Jack Pol/Phase : VERTICAL

 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 112



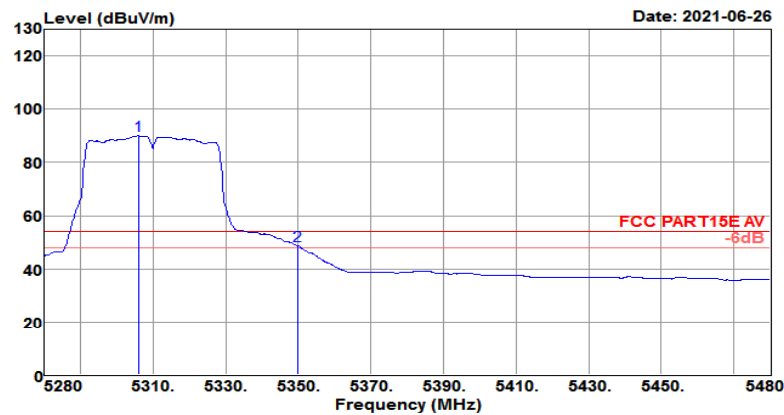
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5306.000	84.01	31.44	8.66	34.05	90.06	54.00	36.06	Average
5350.000	42.38	31.48	8.84	34.08	48.62	54.00	-5.38	Average



Test Mode :	802.11ac VHT40 CH62 5310MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.28GHz~5.48GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH62(5310MHz) Power rating: DC 3.85V

Data: 112



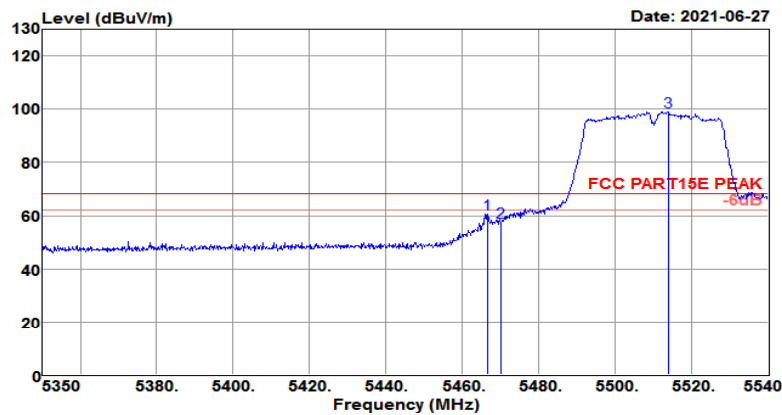
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5306.000	84.01	31.44	8.66	34.05	90.06	54.00	36.06	Average
5350.000	42.38	31.48	8.84	34.08	48.62	54.00	-5.38	Average



Test Mode :	802.11ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 89



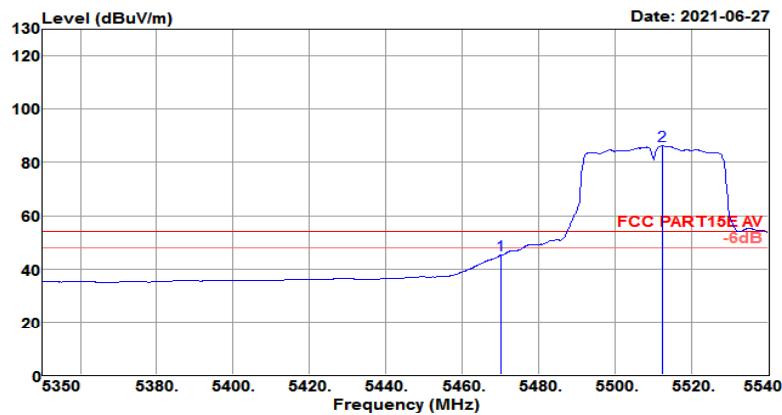
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5466.660	54.19	31.57	8.87	34.13	60.50	68.20	-7.70	Peak
5470.000	51.43	31.58	8.86	34.14	57.73	68.20	-10.47	Peak
5513.970	92.77	31.62	8.75	34.16	98.98	68.20	30.78	Peak



Test Mode :	802.11ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 90



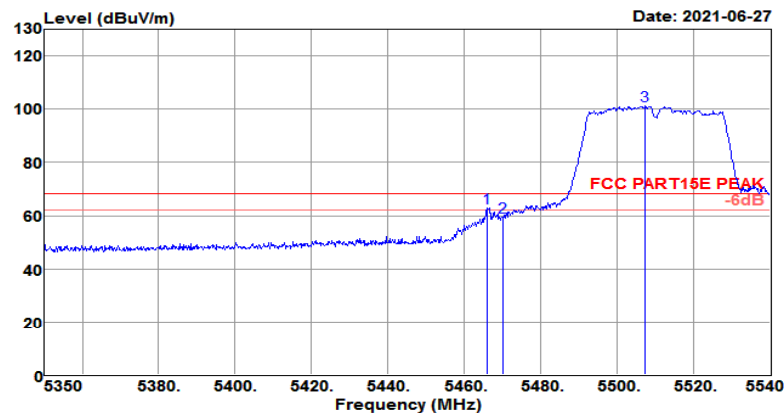
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	38.89	31.58	8.86	34.14	45.19	54.00	-8.81	Average
5512.260	80.01	31.62	8.75	34.16	86.22	54.00	32.22	Average



Test Mode :	802.11ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 92



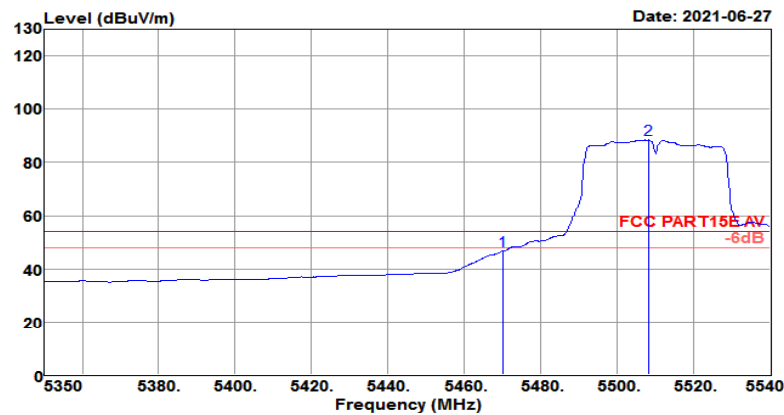
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5466.090	56.78	31.57	8.87	34.13	63.09	68.20	-5.11	Peak
5470.000	53.29	31.58	8.86	34.14	59.59	68.20	-8.61	Peak
5507.320	95.10	31.61	8.77	34.15	101.33	68.20	33.13	Peak



Test Mode :	802.11ac VHT40 CH102 5510MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.35GHz~5.54GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH102(5510MHz) Power rating: DC 3.85V

Data: 93



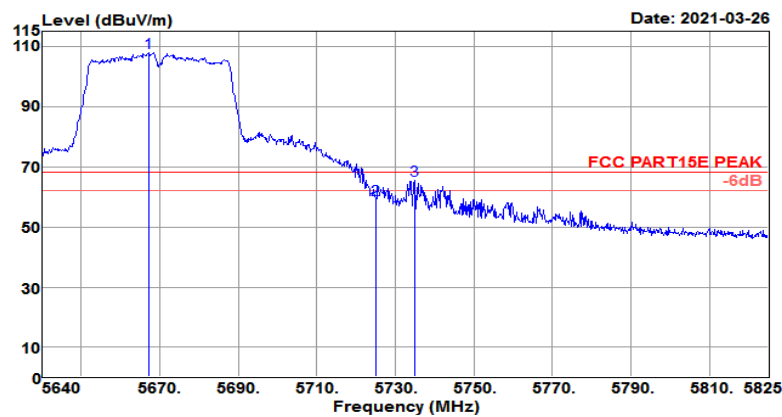
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	40.61	31.58	8.86	34.14	46.91	54.00	-7.09	Average
5508.080	82.19	31.61	8.77	34.15	88.42	54.00	34.42	Average



Test Mode :	802.11ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 528



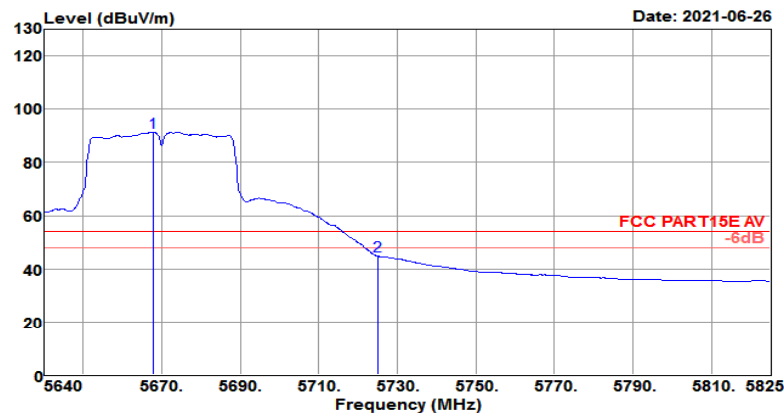
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.195	102.07	31.87	8.14	34.23	107.85	68.20	39.65	Peak
5725.000	53.63	31.96	7.80	34.26	59.13	68.20	-9.07	Peak
5735.090	60.02	31.98	7.74	34.27	65.47	68.20	-2.73	Peak



Test Mode :	802.11ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 84



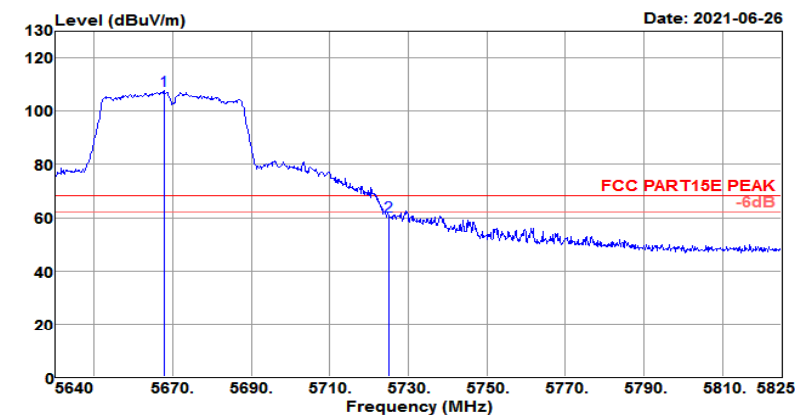
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.935	85.48	31.87	8.14	34.23	91.26	54.00	37.26	Average
5725.000	39.36	31.96	7.80	34.26	44.86	54.00	-9.14	Average



Test Mode :	802.11ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 86



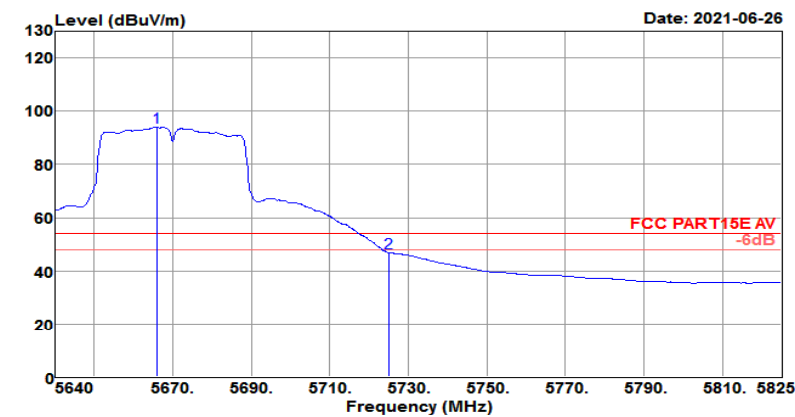
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5667.750	102.00	31.87	8.14	34.23	107.78	68.20	39.58	Peak
5725.000	55.09	31.96	7.80	34.26	60.59	68.20	-7.61	Peak



Test Mode :	802.11ac VHT40 CH134 5670MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.64GHz~5.825GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH134(5670MHz) Power rating: DC 3.85V

Data: 87



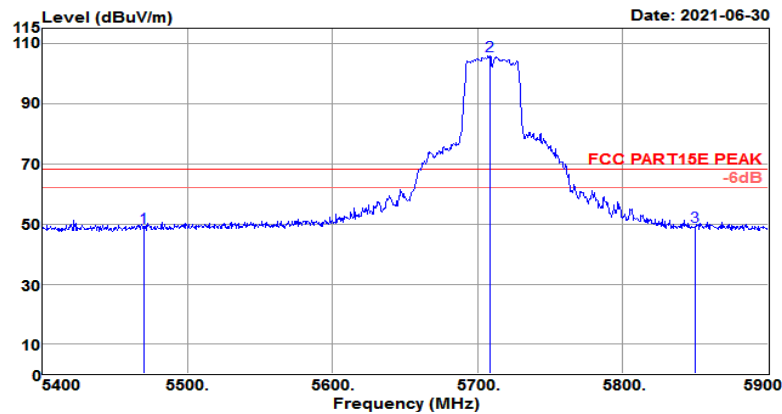
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5665.900	88.16	31.87	8.15	34.23	93.95	54.00	39.95	Average
5725.000	41.43	31.96	7.80	34.26	46.93	54.00	-7.07	Average



Test Mode :	802.11ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 180



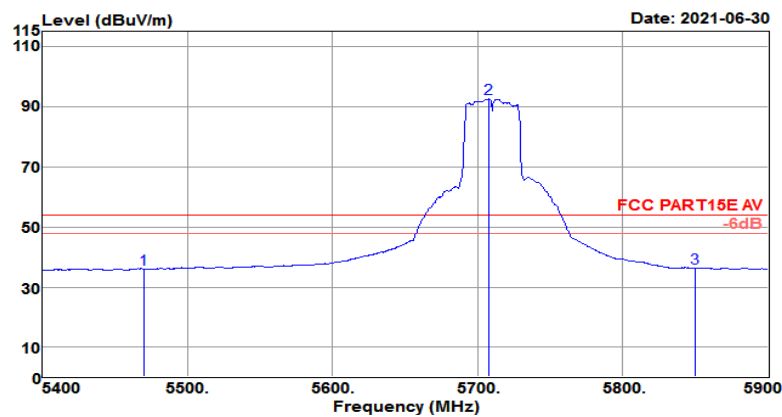
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	42.52	31.58	8.86	34.14	48.82	68.20	-19.38	Peak
5708.500	100.21	31.93	7.89	34.25	105.78	68.20	37.58	Peak
5850.000	43.79	32.16	7.46	34.33	49.08	68.20	-19.12	Peak



Test Mode :	802.11ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 181



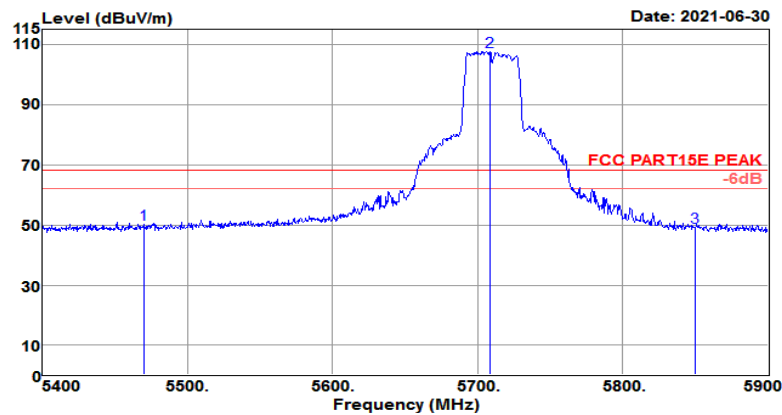
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.67	31.58	8.86	34.14	35.97	54.00	-18.03	Average
5708.000	86.90	31.93	7.90	34.25	92.48	54.00	38.48	Average
5850.000	30.99	32.16	7.46	34.33	36.28	54.00	-17.72	Average



Test Mode :	802.11ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 177



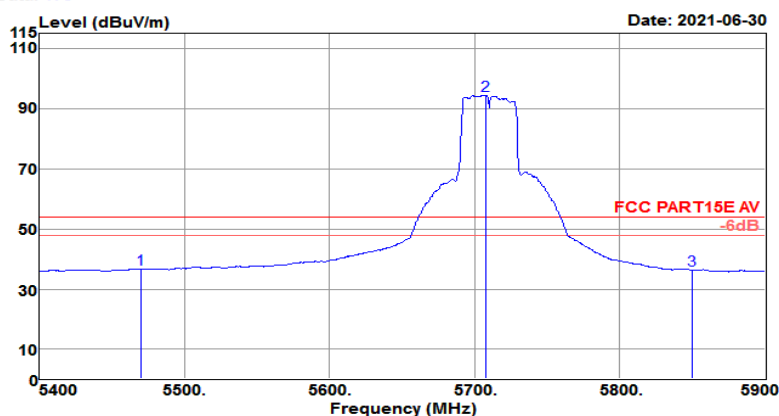
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	43.87	31.58	8.86	34.14	50.17	68.20	-18.03	Peak
5708.500	102.14	31.93	7.89	34.25	107.71	68.20	39.51	Peak
5850.000	43.88	32.16	7.46	34.33	49.17	68.20	-19.03	Peak



Test Mode :	802.11ac VHT40 CH142 5710MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH142 (5710MHz) Power rating: DC 3.85V

Data: 178

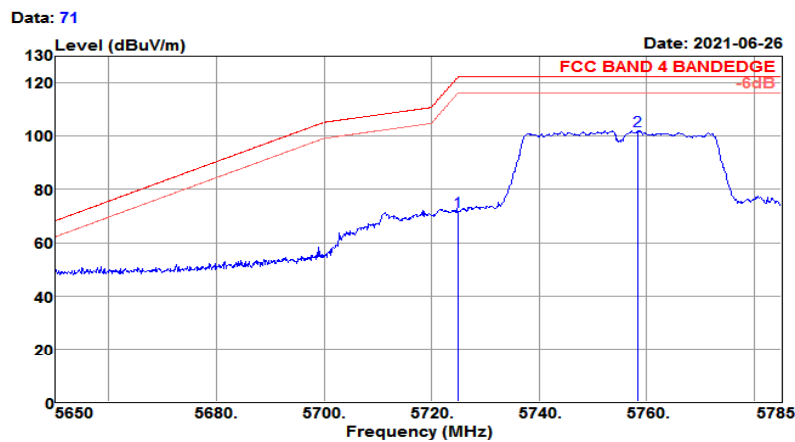


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	30.26	31.58	8.86	34.14	36.56	54.00	-17.44	Average
5707.500	88.90	31.93	7.90	34.25	94.48	54.00	40.48	Average
5850.000	31.13	32.16	7.46	34.33	36.42	54.00	-17.58	Average



Test Mode :	802.11ac VHT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



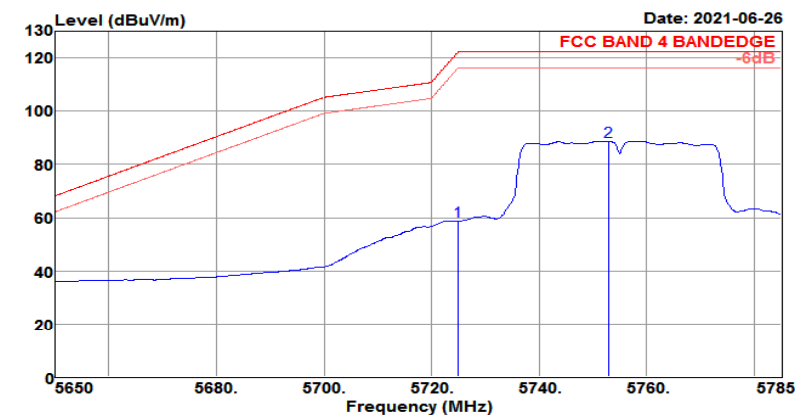
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	66.27	31.96	7.80	34.26	71.77	122.20	-50.43	Peak
5758.270	96.73	32.01	7.60	34.28	102.06	122.20	-20.14	Peak



Test Mode :	802.11ac VHT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V

Data: 72

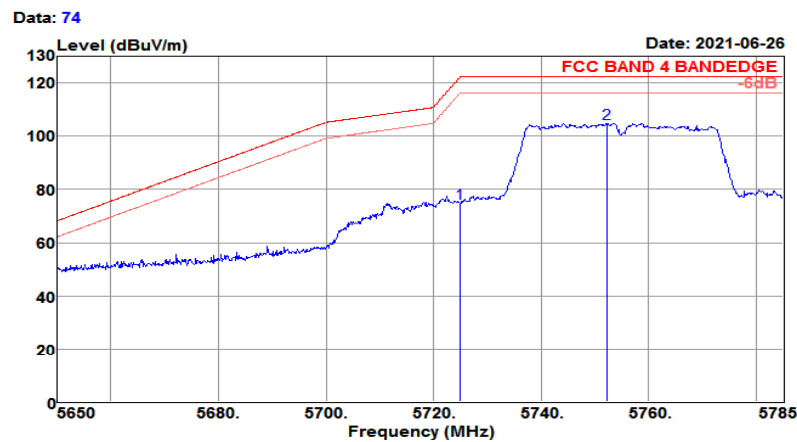


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	53.27	31.96	7.80	34.26	58.77	122.20	-63.43	Average
5753.005	83.38	32.00	7.63	34.28	88.73	122.20	-33.47	Average



Test Mode :	802.11ac VHT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V



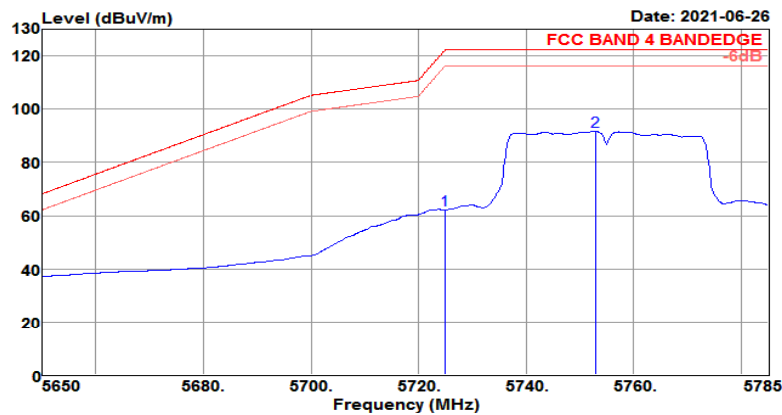
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	69.23	31.96	7.80	34.26	74.73	122.20	-47.47	Peak
5752.195	99.40	32.00	7.63	34.28	104.75	122.20	-17.45	Peak



Test Mode :	802.11ac VHT40 CH151 5755MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.65GHz~5.785GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH151(5755MHz) Power rating: DC 3.85V

Data: 75

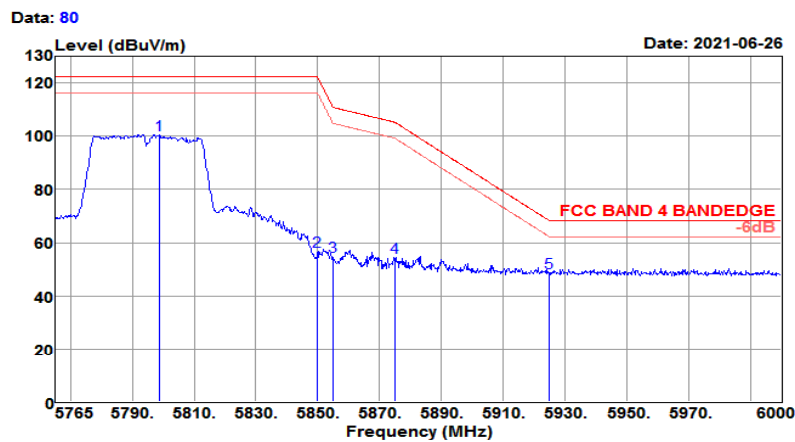


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.000	56.79	31.96	7.80	34.26	62.29	122.20	-59.91	Average
5753.005	86.21	32.00	7.63	34.28	91.56	122.20	-30.64	Average



Test Mode :	802.11ac VHT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V



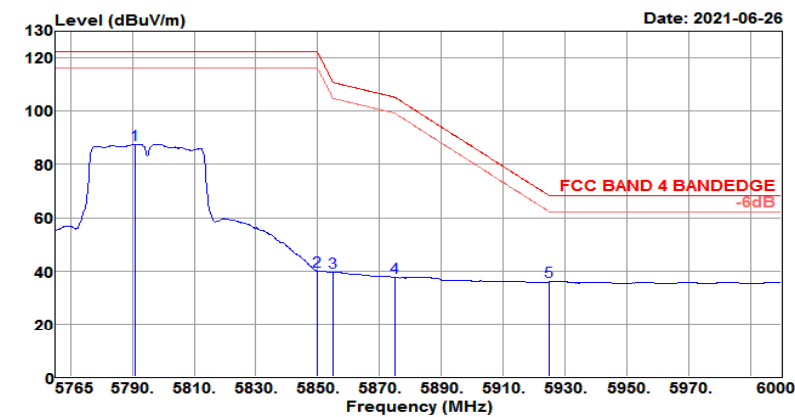
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5798.605	95.42	32.08	7.36	34.30	100.56	122.20	-21.64	Peak
5850.000	51.50	32.16	7.46	34.33	56.79	122.20	-65.41	Peak
5855.000	49.46	32.17	7.47	34.33	54.77	110.80	-56.03	Peak
5875.000	49.25	32.20	7.52	34.34	54.63	105.20	-50.57	Peak
5925.000	43.29	32.28	7.63	34.36	48.84	68.20	-19.36	Peak



Test Mode :	802.11ac VHT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 81

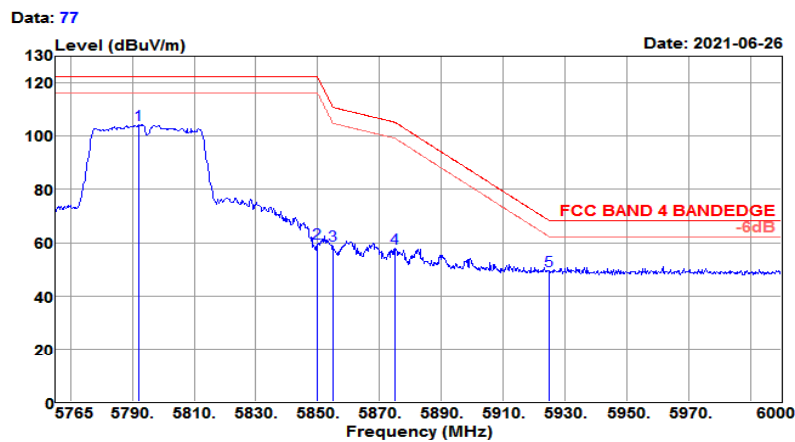


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5790.850	82.31	32.07	7.40	34.30	87.48	122.20	-34.72	Average
5850.000	34.75	32.16	7.46	34.33	40.04	122.20	-82.16	Average
5855.000	34.18	32.17	7.47	34.33	39.49	110.80	-71.31	Average
5875.000	32.25	32.20	7.52	34.34	37.63	105.20	-67.57	Average
5925.000	30.39	32.28	7.63	34.36	35.94	68.20	-32.26	Average



Test Mode :	802.11ac VHT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V



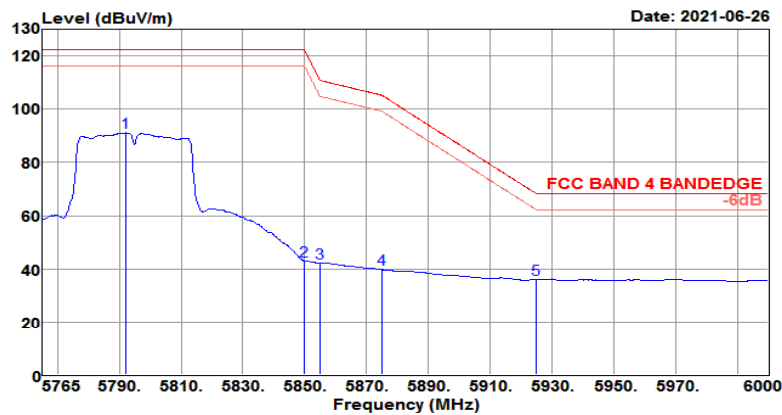
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5792.260	99.24	32.07	7.40	34.30	104.41	122.20	-17.79	Peak
5850.000	54.46	32.16	7.46	34.33	59.75	122.20	-62.45	Peak
5855.000	53.62	32.17	7.47	34.33	58.93	110.80	-51.87	Peak
5875.000	52.38	32.20	7.52	34.34	57.76	105.20	-47.44	Peak
5925.000	43.97	32.28	7.63	34.36	49.52	68.20	-18.68	Peak



Test Mode :	802.11ac VHT40 CH159 5795MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.765GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT40 CH159(5795MHz) Power rating: DC 3.85V

Data: 78



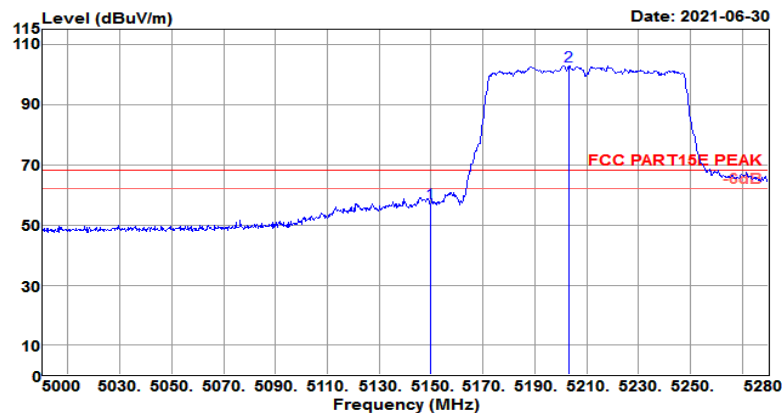
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5792.025	85.93	32.07	7.40	34.30	91.10	122.20	-31.10	Average
5850.000	37.83	32.16	7.46	34.33	43.12	122.20	-79.08	Average
5855.000	37.06	32.17	7.47	34.33	42.37	110.80	-68.43	Average
5875.000	34.46	32.20	7.52	34.34	39.84	105.20	-65.36	Average
5925.000	30.50	32.28	7.63	34.36	36.05	68.20	-32.15	Average



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.28GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 120



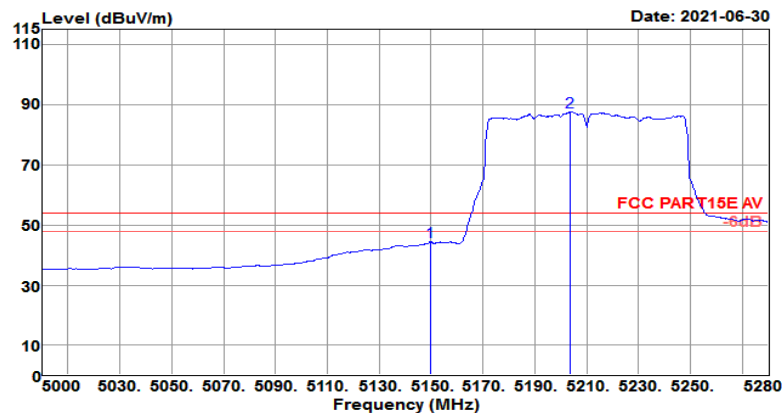
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	51.89	31.32	8.17	33.98	57.40	68.20	-10.80	Peak
5203.280	97.22	31.36	8.26	34.00	102.84	68.20	34.64	Peak



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.28GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 121



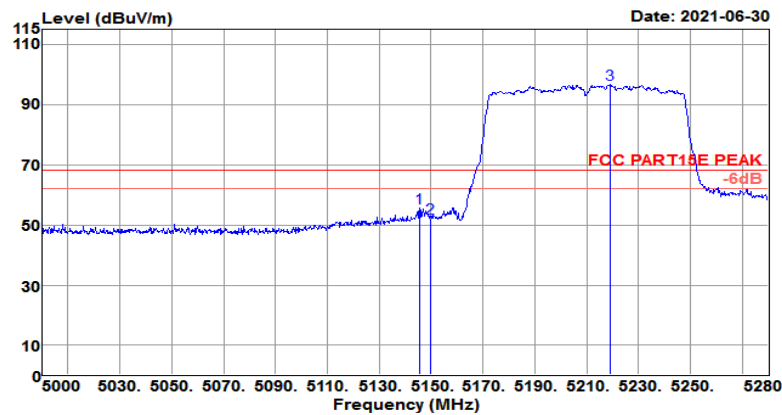
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	38.79	31.32	8.17	33.98	44.30	54.00	-9.70	Average
5203.560	81.88	31.36	8.26	34.00	87.50	54.00	33.50	Average



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.26GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 117



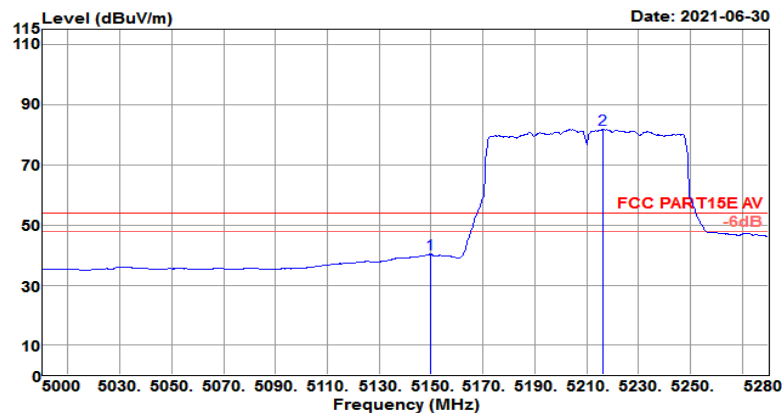
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5145.600	50.27	31.32	8.16	33.97	55.78	68.20	-12.42	Peak
5150.000	46.86	31.32	8.17	33.98	52.37	68.20	-15.83	Peak
5218.960	90.92	31.38	8.32	34.01	96.61	68.20	28.41	Peak



Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.0GHz~5.28GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH42(5210MHz) Power rating: DC 3.85V

Data: 118



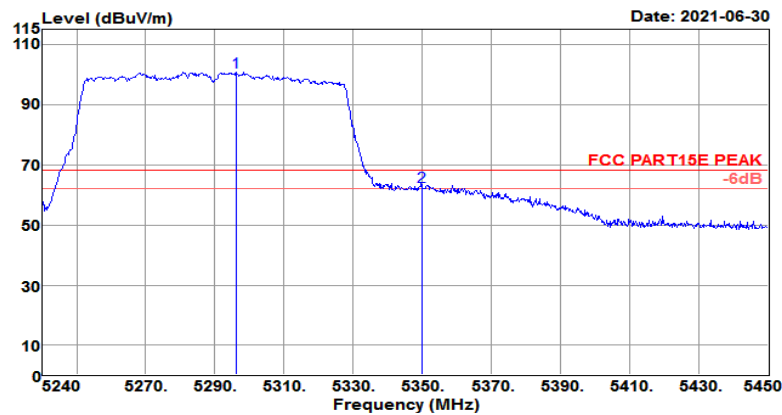
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.000	34.73	31.32	8.17	33.98	40.24	54.00	-13.76	Average
5216.440	76.09	31.37	8.31	34.01	81.76	54.00	27.76	Average



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.24GHz~5.45GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 123



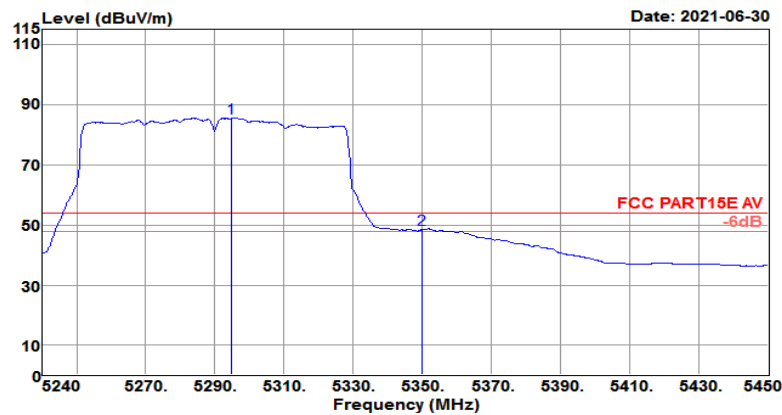
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5296.070	94.75	31.44	8.62	34.05	100.76	68.20	32.56	Peak
5350.000	56.68	31.48	8.84	34.08	62.92	68.20	-5.28	Peak



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.24GHz~5.45GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 124



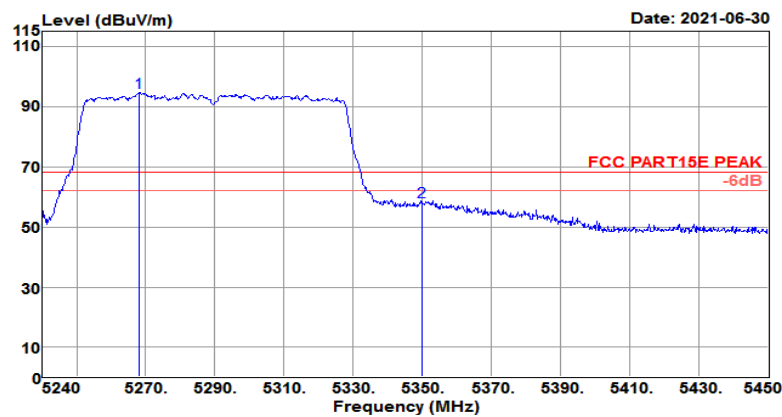
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5294.810	79.50	31.44	8.62	34.05	85.51	54.00	31.51	Average
5350.000	42.31	31.48	8.84	34.08	48.55	54.00	-5.45	Average



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.24GHz~5.45GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 126



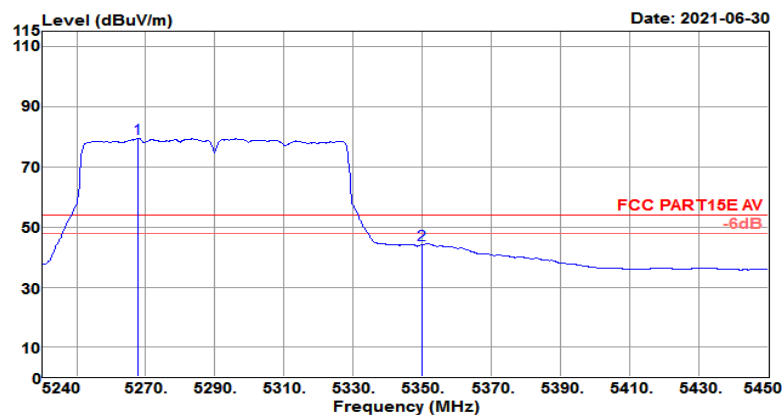
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5268.140	88.91	31.41	8.52	34.03	94.81	68.20	26.61	Peak
5350.000	52.00	31.48	8.84	34.08	58.24	68.20	-9.96	Peak



Test Mode :	802.11ac VHT80 CH58 5290MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.24GHz~5.45GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH58(5290MHz) Power rating: DC 3.85V

Data: 127



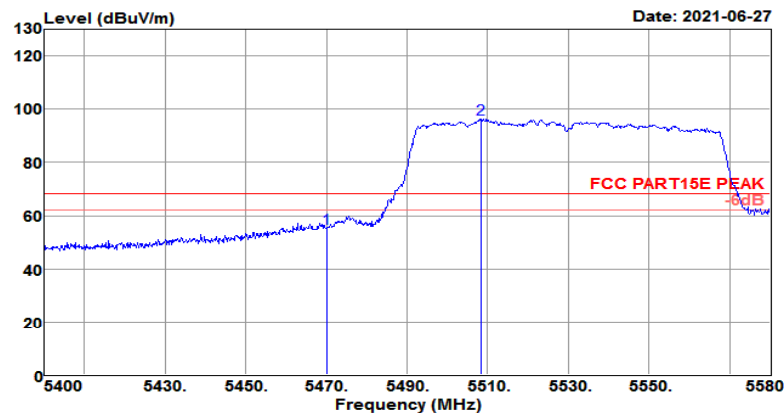
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5267.720	73.58	31.41	8.51	34.03	79.47	54.00	25.47	Average
5350.000	37.96	31.48	8.84	34.08	44.20	54.00	-9.80	Average



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.4GHz~5.58GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 114



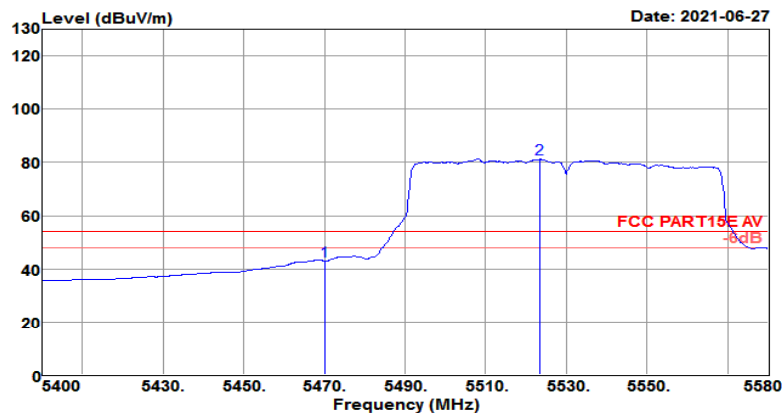
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	48.94	31.58	8.86	34.14	55.24	68.20	-12.96	Peak
5508.360	90.20	31.61	8.76	34.15	96.42	68.20	28.22	Peak



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.4GHz~5.58GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 115



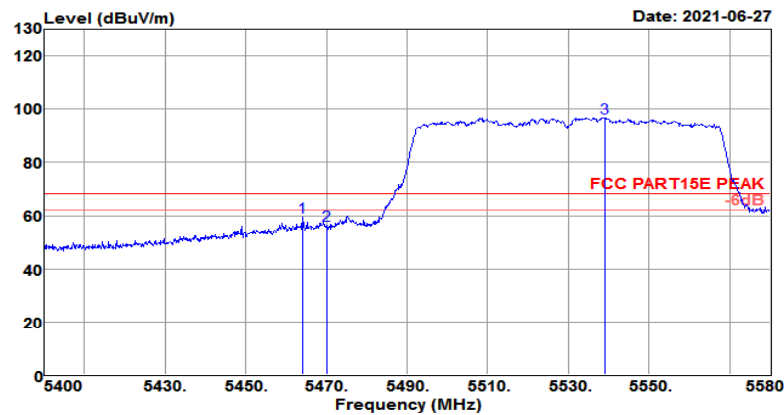
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	36.83	31.58	8.86	34.14	43.13	54.00	-10.87	Average
5523.480	75.03	31.64	8.73	34.16	81.24	54.00	27.24	Average



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.4GHz~5.58GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 111



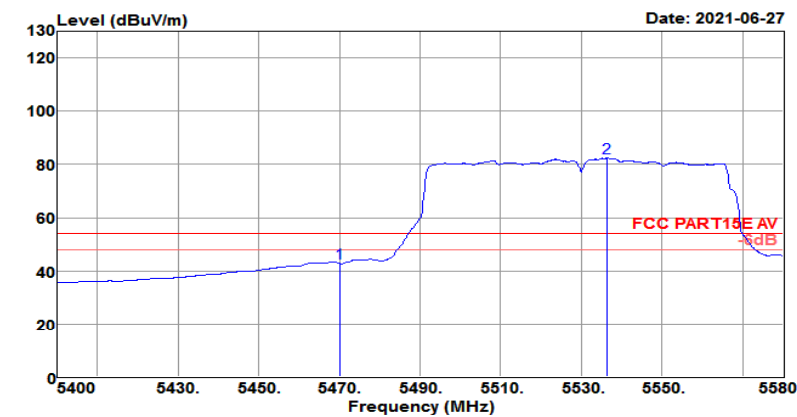
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5464.080	53.05	31.57	8.87	34.13	59.36	68.20	-8.84	Peak
5470.000	49.98	31.58	8.86	34.14	56.28	68.20	-11.92	Peak
5538.960	90.64	31.66	8.69	34.17	96.82	68.20	28.62	Peak



Test Mode :	802.11ac VHT80 CH106 5530MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.4GHz~5.58GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH106(5530MHz) Power rating: DC 3.85V

Data: 112



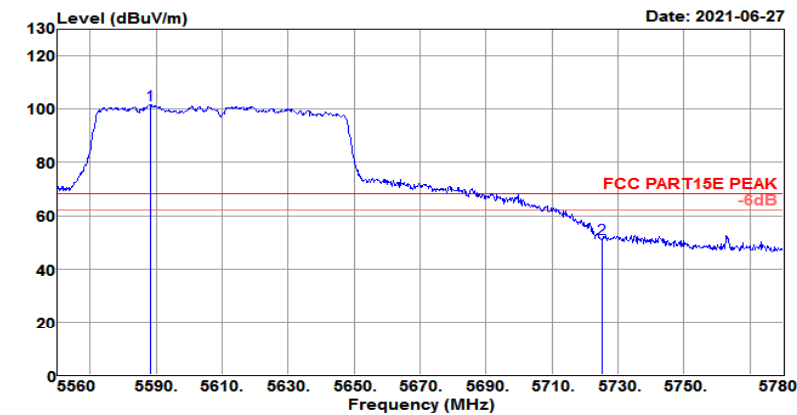
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	36.57	31.58	8.86	34.14	42.87	54.00	-11.13	Average
5536.260	76.17	31.66	8.70	34.17	82.36	54.00	28.36	Average



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.56GHz~5.78GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 117



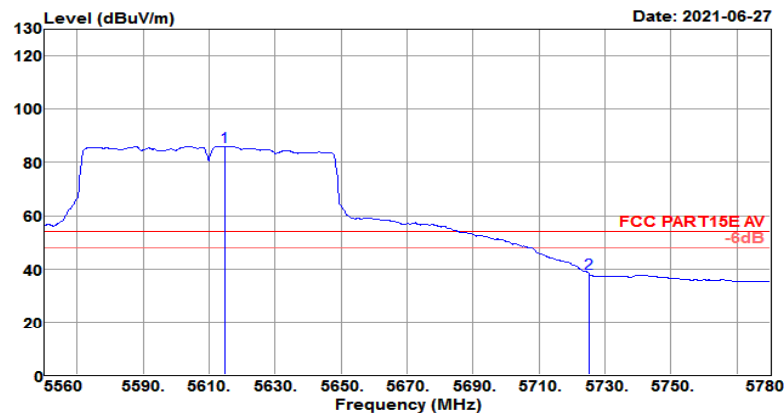
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5588.160	95.69	31.74	8.57	34.19	101.81	68.20	33.61	Peak
5725.000	45.75	31.96	7.80	34.26	51.25	68.20	-16.95	Peak



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.56GHz~5.78GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 118



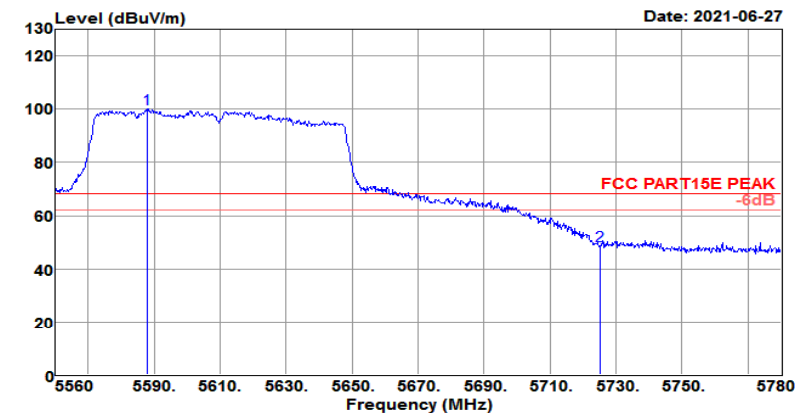
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5614.780	80.09	31.78	8.45	34.21	86.11	54.00	32.11	Average
5725.000	32.91	31.96	7.80	34.26	38.41	54.00	-15.59	Average



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.56GHz~5.78GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 120



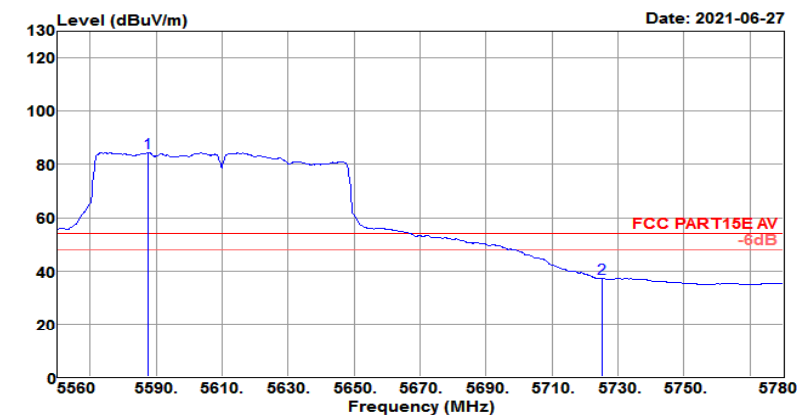
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5587.940	94.08	31.74	8.57	34.19	100.20	68.20	32.00	Peak
5725.000	43.39	31.96	7.80	34.26	48.89	68.20	-19.31	Peak



Test Mode :	802.11ac VHT80 CH122 5610MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.56GHz~5.78GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH122(5610MHz) Power rating: DC 3.85V

Data: 121



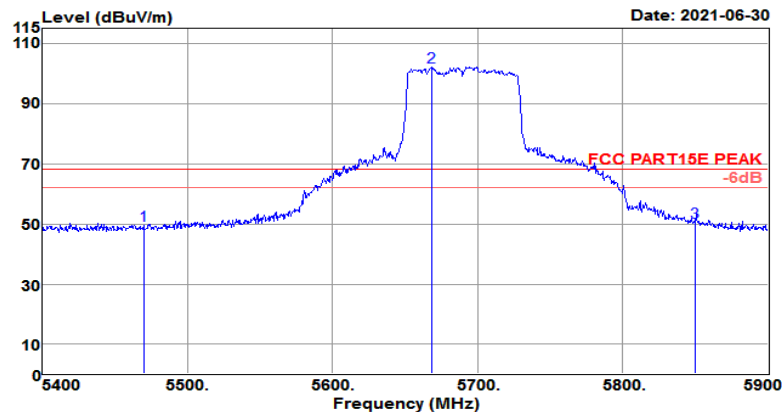
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5587.720	78.31	31.74	8.57	34.19	84.43	54.00	30.43	Average
5725.000	31.67	31.96	7.80	34.26	37.17	54.00	-16.83	Average



Test Mode :	802.11ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 183



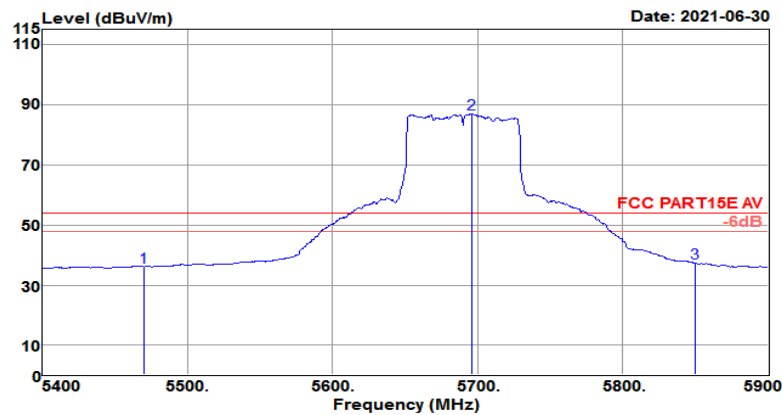
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	43.12	31.58	8.86	34.14	49.42	68.20	-18.78	Peak
5668.000	96.36	31.87	8.14	34.23	102.14	68.20	33.94	Peak
5850.000	45.35	32.16	7.46	34.33	50.64	68.20	-17.56	Peak



Test Mode :	802.11ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 184



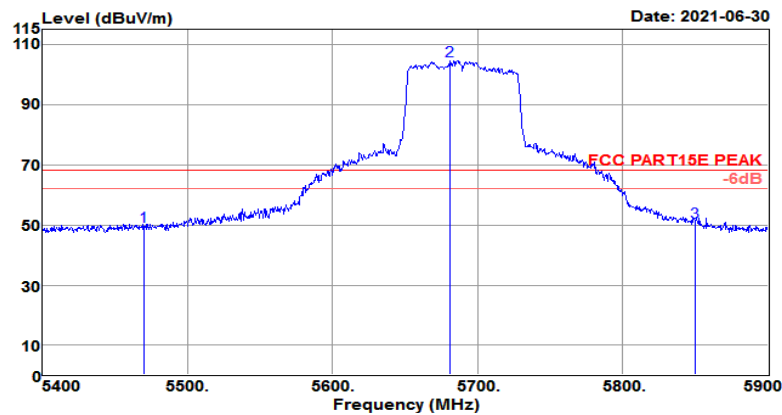
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	29.77	31.58	8.86	34.14	36.07	54.00	-17.93	Average
5696.000	81.28	31.91	7.97	34.25	86.91	54.00	32.91	Average
5850.000	31.90	32.16	7.46	34.33	37.19	54.00	-16.81	Average



Test Mode :	802.11ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 186



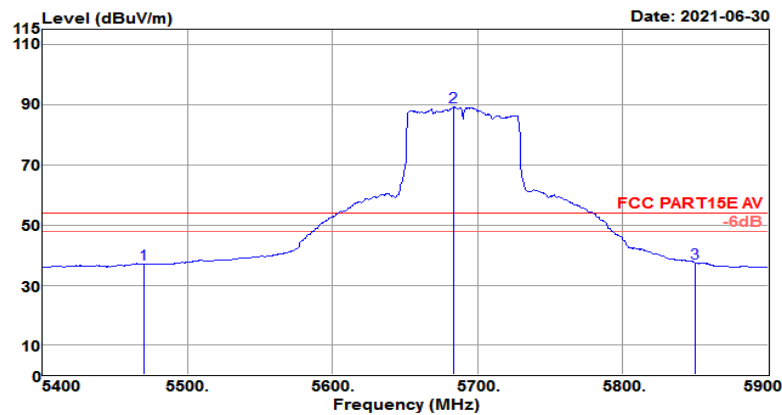
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	43.12	31.58	8.86	34.14	49.42	68.20	-18.78	Peak
5681.000	98.89	31.89	8.06	34.24	104.60	68.20	36.40	Peak
5850.000	45.57	32.16	7.46	34.33	50.86	68.20	-17.34	Peak



Test Mode :	802.11ac VHT80 CH138 5690MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	5.4GHz~5.9GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH138(5690MHz) Power rating: DC 3.85V

Data: 187

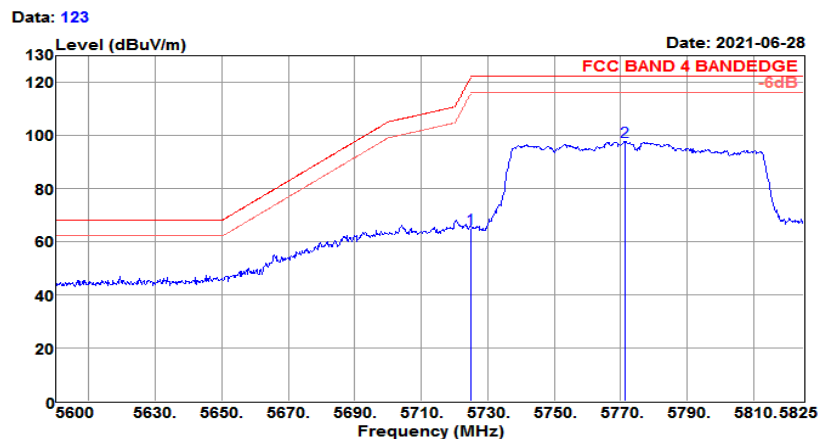


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5470.000	30.65	31.58	8.86	34.14	36.95	54.00	-17.05	Average
5683.500	83.45	31.89	8.04	34.24	89.14	54.00	35.14	Average
5850.000	32.07	32.16	7.46	34.33	37.36	54.00	-16.64	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.6GHz~5.825GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

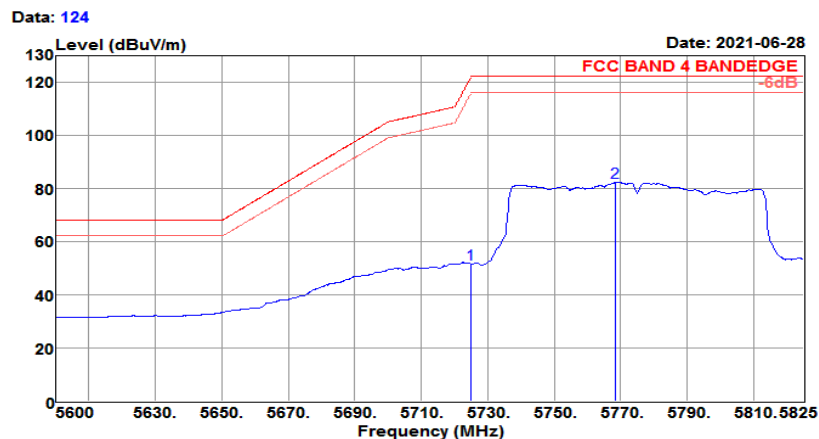


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	61.36	31.96	6.04	65.10	122.20	-57.10	Peak
5771.450	94.02	32.03	6.08	97.84	122.20	-24.36	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.6GHz~5.825GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

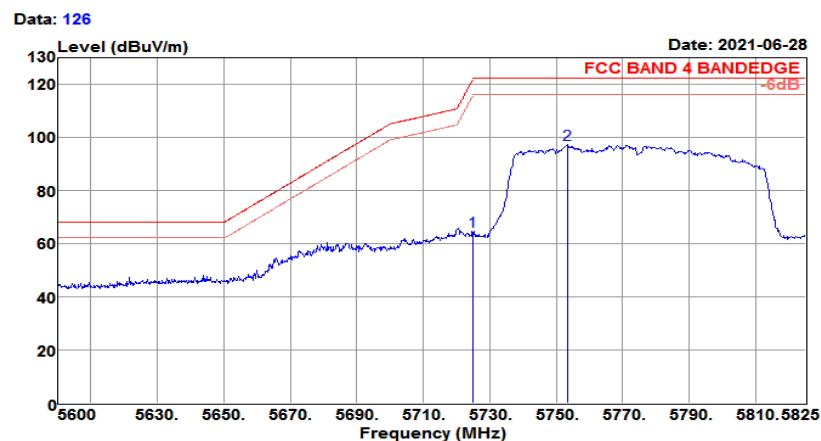


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	47.60	31.96	6.04	51.34	122.20	-70.86	Average
5768.525	78.76	32.03	6.07	82.58	122.20	-39.62	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.6GHz~5.825GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

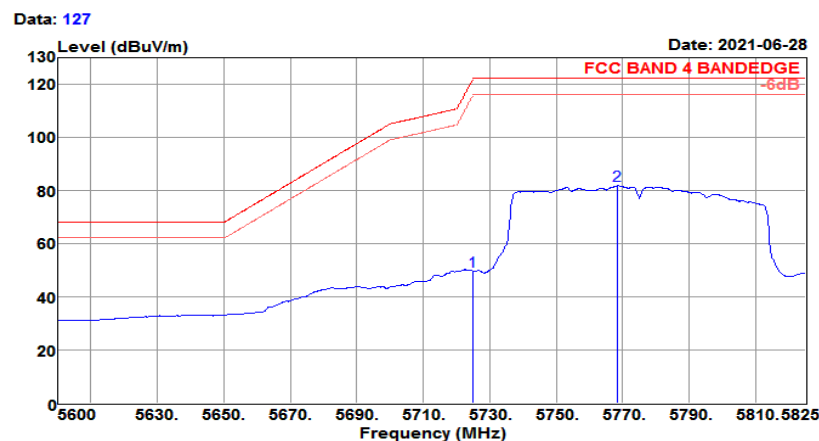


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	61.15	31.96	6.04	64.89	122.20	-57.31	Peak
5753.225	93.44	32.01	6.06	97.23	122.20	-24.97	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.6GHz~5.825GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

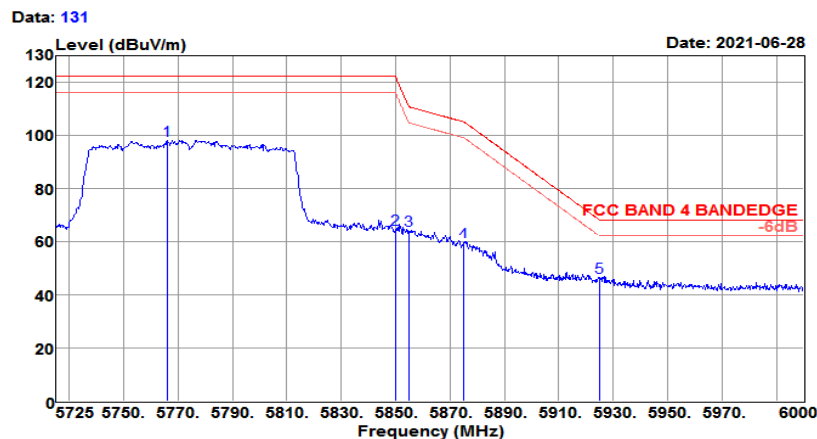


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5725.000	45.67	31.96	6.04	49.41	122.20	-72.79	Average
5768.525	78.18	32.03	6.07	82.00	122.20	-40.20	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.725GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

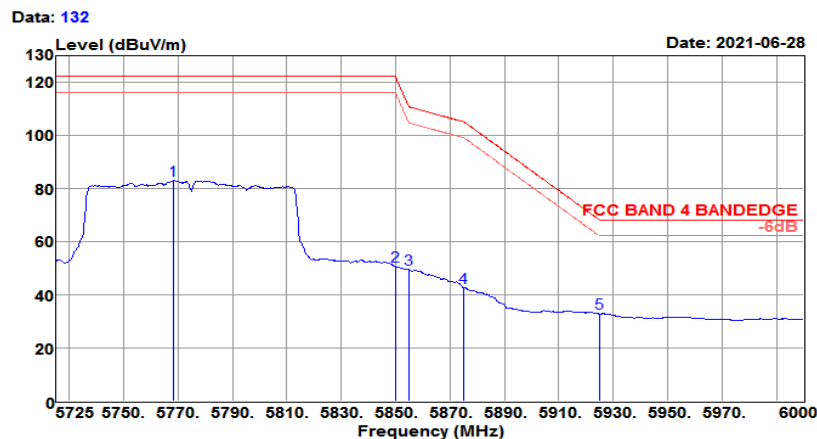


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5765.975	94.54	32.03	6.07	98.36	122.20	-23.84	Peak
5850.000	60.87	32.16	6.15	64.85	122.20	-57.35	Peak
5855.000	60.62	32.17	6.16	64.62	110.80	-46.18	Peak
5875.000	55.95	32.20	6.18	59.99	105.20	-45.21	Peak
5925.000	42.41	32.28	6.22	46.55	68.20	-21.65	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.725GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

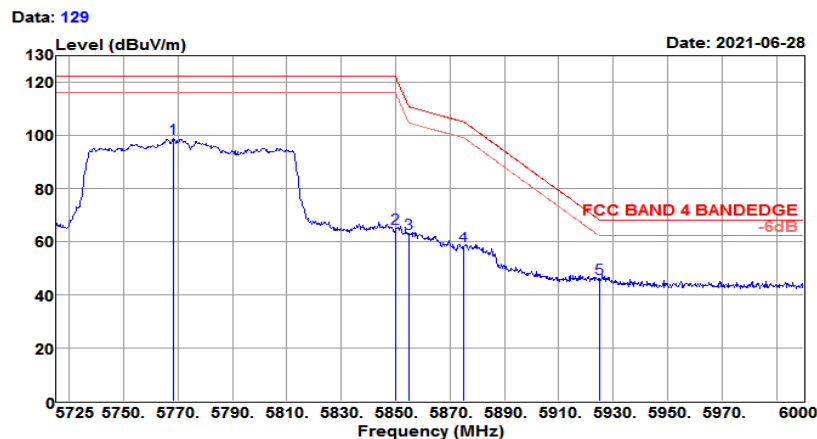


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5768.450	79.27	32.03	6.07	83.09	122.20	-39.11	Average
5850.000	46.76	32.16	6.15	50.74	122.20	-71.46	Average
5855.000	45.49	32.17	6.16	49.49	110.80	-61.31	Average
5875.000	38.66	32.20	6.18	42.70	105.20	-62.50	Average
5925.000	28.72	32.28	6.22	32.86	68.20	-35.34	Average



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.725GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		

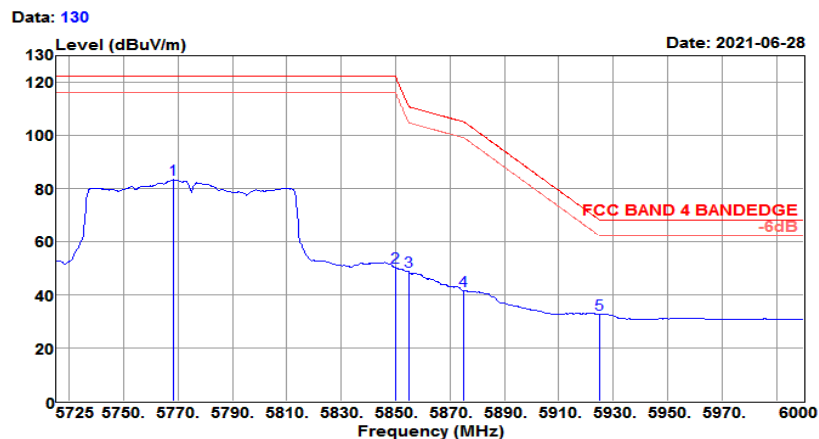


Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5768.175	94.95	32.03	6.07	98.77	122.20	-23.43	Peak
5850.000	61.39	32.16	6.15	65.37	122.20	-56.83	Peak
5855.000	59.22	32.17	6.16	63.22	110.80	-47.58	Peak
5875.000	54.40	32.20	6.18	58.44	105.20	-46.76	Peak
5925.000	41.74	32.28	6.22	45.88	68.20	-22.32	Peak



Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	5.725GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11ac VHT80 CH155(5775MHz)		



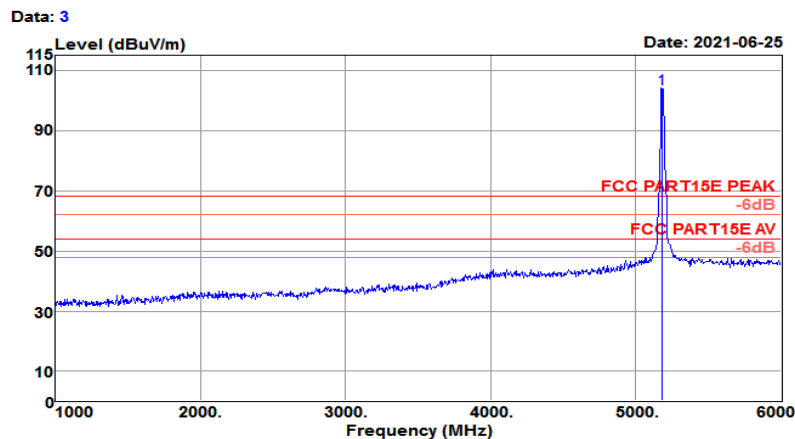
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5768.450	79.67	32.03	6.07	83.49	122.20	-38.71	Average
5850.000	46.41	32.16	6.15	50.39	122.20	-71.81	Average
5855.000	44.67	32.17	6.16	48.67	110.80	-62.13	Average
5875.000	37.43	32.20	6.18	41.47	105.20	-63.73	Average
5925.000	28.48	32.28	6.22	32.62	68.20	-35.58	Average



3.4.5 Test Result of Radiated Spurious Emission (1GHz ~ 10th Harmonic)

Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating	: DC 3.85V



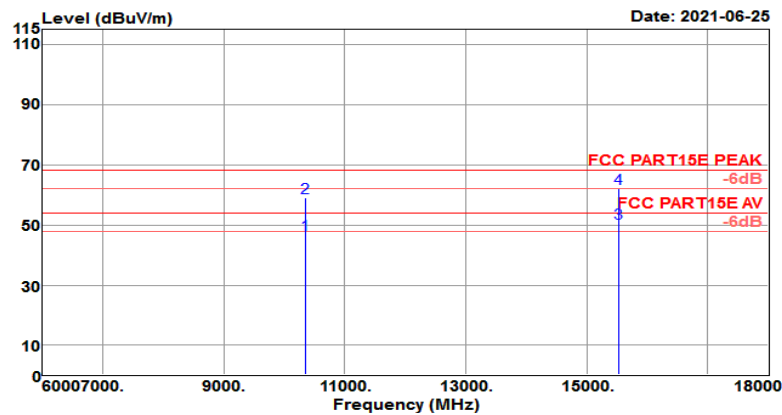
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	98.12	31.34	8.22	33.99	103.69	68.20	35.49	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V

Data: 44



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	28.31	39.20	13.23	33.83	46.91	54.00	-7.09	Average
10360.000	40.28	39.20	13.23	33.83	58.88	68.20	-9.32	Peak
15540.000	22.94	38.43	20.83	31.52	50.68	54.00	-3.32	Average
15540.000	34.28	38.43	20.83	31.52	62.02	68.20	-6.18	Peak

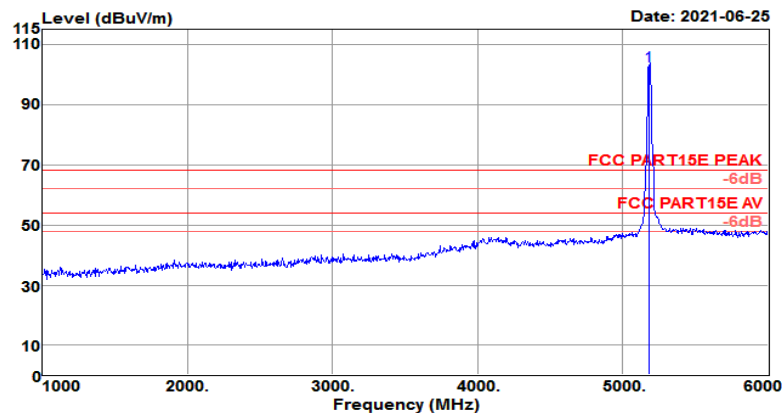
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating:	DC 3.85V

Data: 6



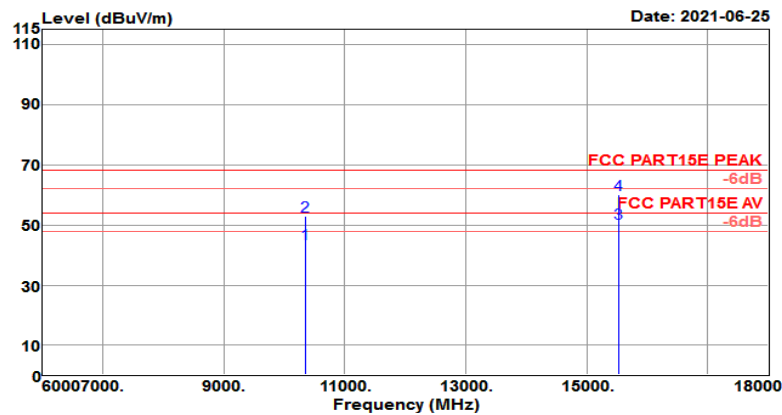
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	97.38	31.34	8.22	33.99	102.95	68.20	34.75	Peak



Test Mode :	802.11a CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH36 (5180MHz)	Power rating: DC 3.85V

Data: 46



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.20	39.20	13.23	33.83	43.80	54.00	-10.20	Average
10360.000	34.19	39.20	13.23	33.83	52.79	68.20	-15.41	Peak
15540.000	22.94	38.43	20.83	31.52	50.68	54.00	-3.32	Average
15540.000	32.49	38.43	20.83	31.52	60.23	68.20	-7.97	Peak

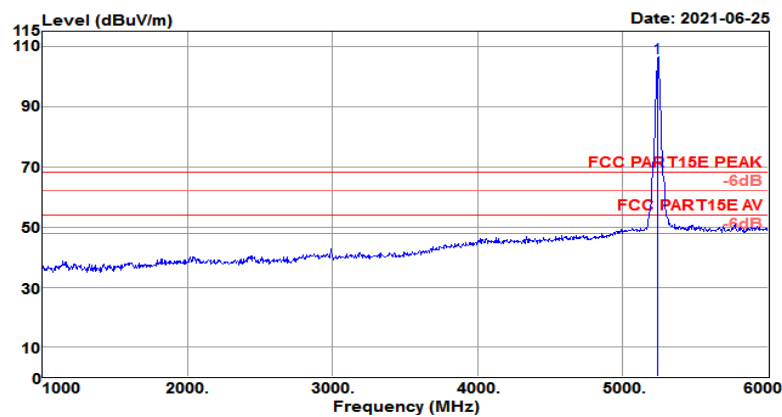
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 8



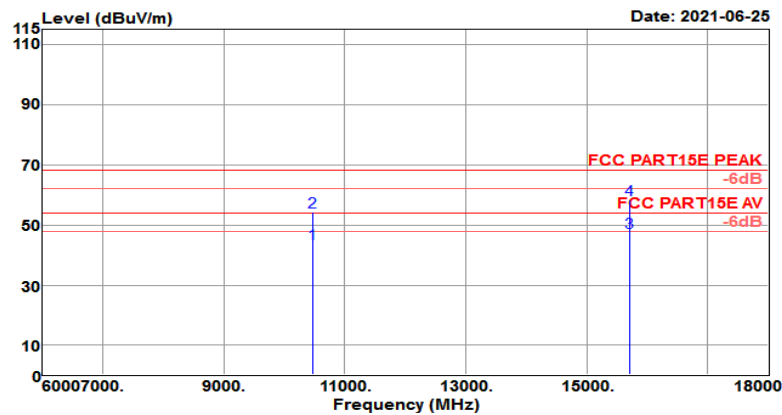
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	100.48	31.39	8.41	34.02	106.26	68.20	38.06	Peak



Test Mode :	802.11a CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 50



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	24.85	39.37	13.32	33.68	43.86	54.00	-10.14	Average
10480.000	35.44	39.37	13.32	33.68	54.45	68.20	-13.75	Peak
15720.000	20.54	38.10	20.24	31.40	47.48	54.00	-6.52	Average
15720.000	31.29	38.10	20.24	31.40	58.23	68.20	-9.97	Peak

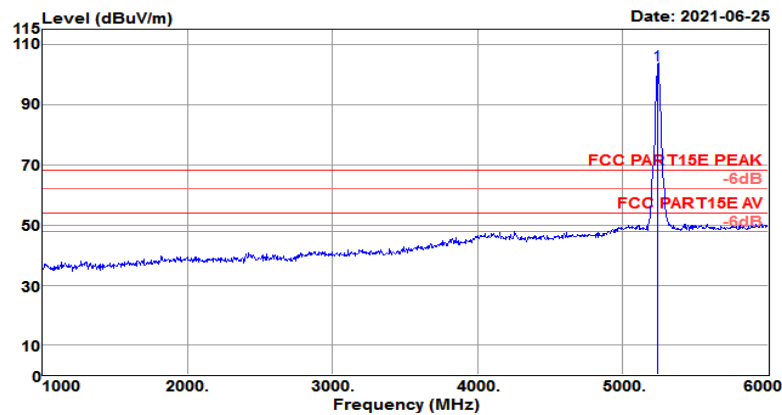
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 7



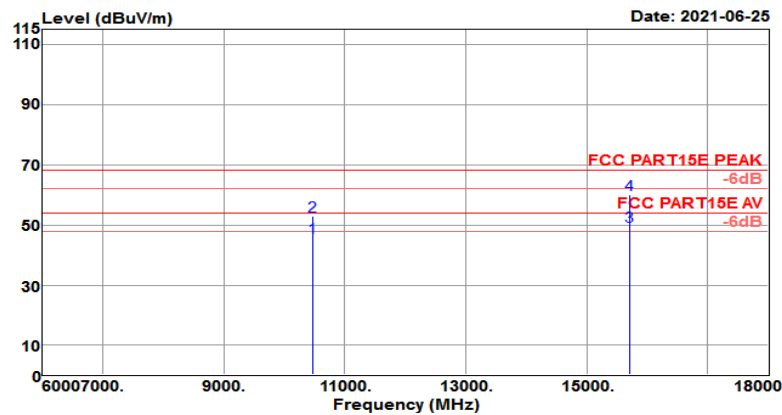
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	97.53	31.39	8.41	34.02	103.31	68.20	35.11	Peak



Test Mode :	802.11a CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 48



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	26.85	39.37	13.32	33.68	45.86	54.00	-8.14	Average
10480.000	33.95	39.37	13.32	33.68	52.96	68.20	-15.24	Peak
15720.000	22.65	38.10	20.24	31.40	49.59	54.00	-4.41	Average
15720.000	32.95	38.10	20.24	31.40	59.89	68.20	-8.31	Peak

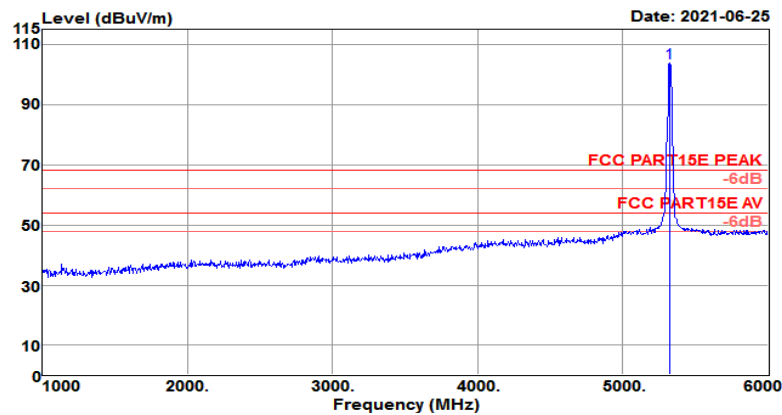
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 11



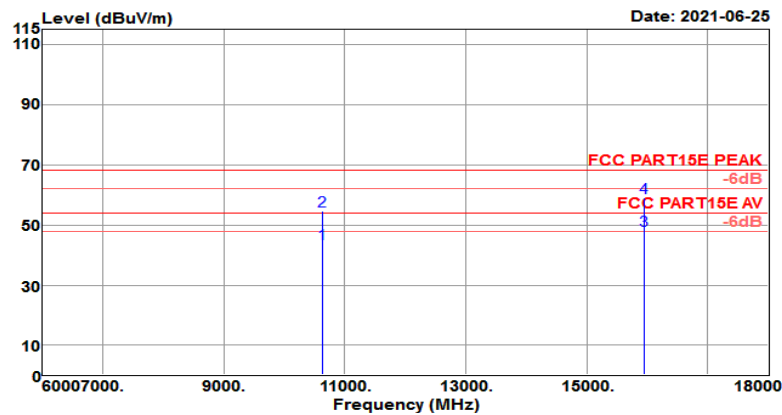
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	97.76	31.46	8.72	34.06	103.88	68.20	35.68	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 52



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	23.93	39.54	13.86	33.47	43.86	54.00	-10.14	Average
10640.000	34.58	39.54	13.86	33.47	54.51	68.20	-13.69	Peak
15960.000	22.34	37.67	19.46	31.23	48.24	54.00	-5.76	Average
15960.000	33.29	37.67	19.46	31.23	59.19	68.20	-9.01	Peak

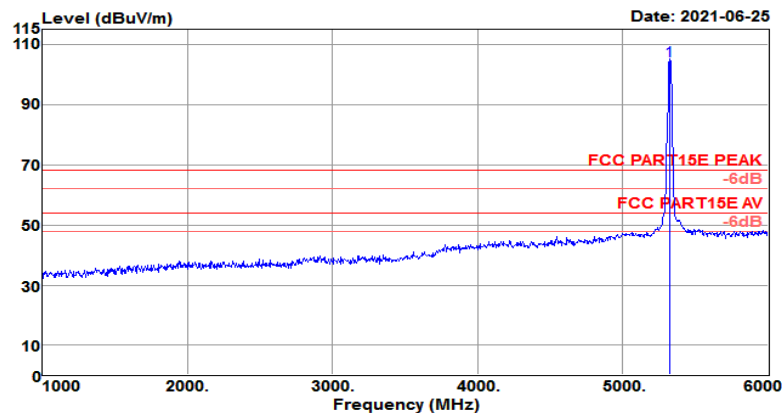
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 14



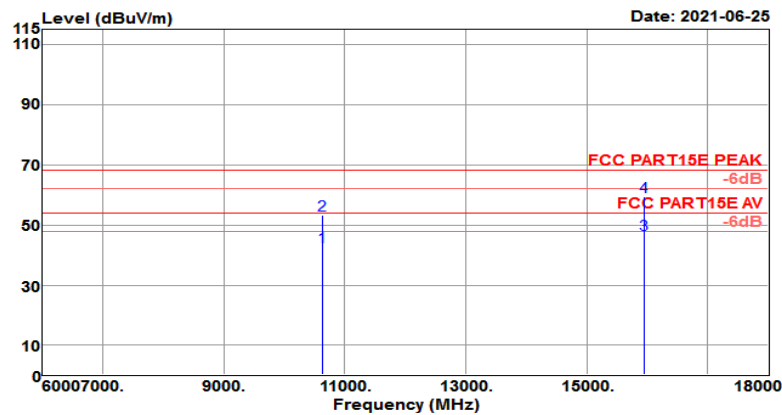
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	98.54	31.46	8.72	34.06	104.66	68.20	36.46	Peak



Test Mode :	802.11a CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 54



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	22.84	39.54	13.86	33.47	42.77	54.00	-11.23	Average
10640.000	33.49	39.54	13.86	33.47	53.42	68.20	-14.78	Peak
15960.000	20.91	37.67	19.46	31.23	46.81	54.00	-7.19	Average
15960.000	33.58	37.67	19.46	31.23	59.48	68.20	-8.72	Peak

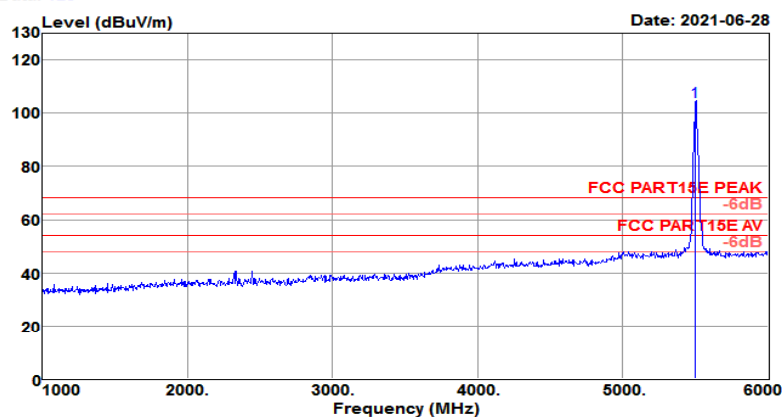
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH100 (5500MHz)	Power rating:	DC 3.85V

Data: 128



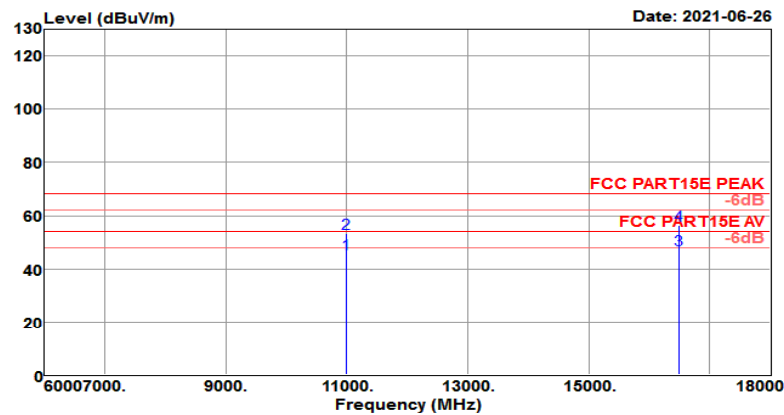
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	97.91	31.60	8.78	34.15	104.14	68.20	35.94	Peak



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH100 (5500MHz)	Power rating:	DC 3.85V

Data: 2



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	25.75	39.90	12.68	32.54	45.79	54.00	-8.21	Average
11000.000	33.42	39.90	12.68	32.54	53.46	68.20	-14.74	Peak
16500.000	23.46	38.60	15.61	30.53	47.14	54.00	-6.86	Average
16500.000	32.71	38.60	15.61	30.53	56.39	68.20	-11.81	Peak

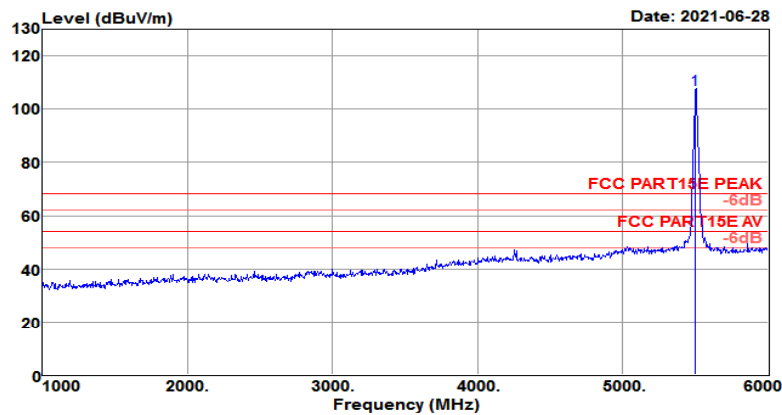
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH100 (5500MHz)	Power rating:	DC 3.85V

Data: 125



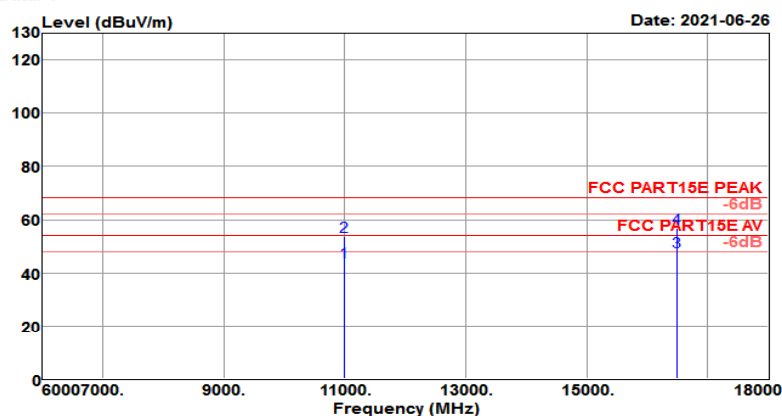
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	101.10	31.60	8.78	34.15	107.33	68.20	39.13	Peak



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH100 (5500MHz)	Power rating: DC 3.85V

Data: 4



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.25	39.90	12.68	32.54	44.29	54.00	-9.71	Average
11000.000	33.85	39.90	12.68	32.54	53.89	68.20	-14.31	Peak
16500.000	24.16	38.60	15.61	30.53	47.84	54.00	-6.16	Average
16500.000	33.14	38.60	15.61	30.53	56.82	68.20	-11.38	Peak

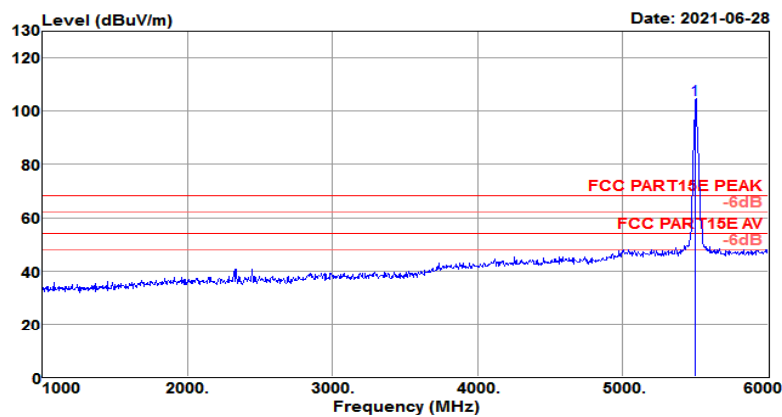
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH100 (5500MHz)	Power rating:	DC 3.85V

Data: 128



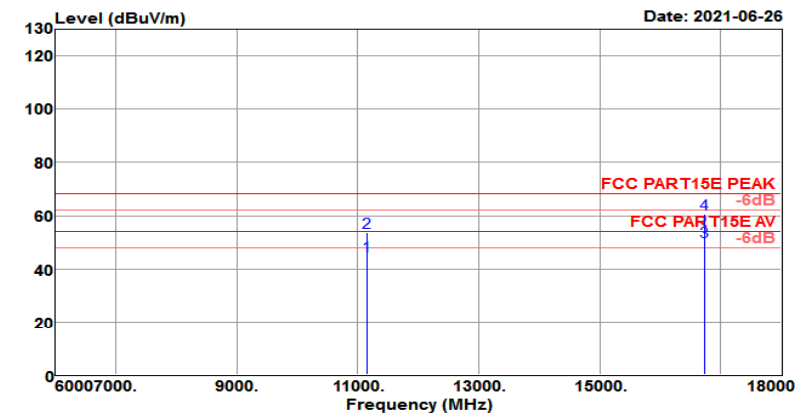
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	97.91	31.60	8.78	34.15	104.14	68.20	35.94	Peak



Test Mode :	802.11a CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH116 (5580MHz)	Power rating: DC 3.85V

Data: 8



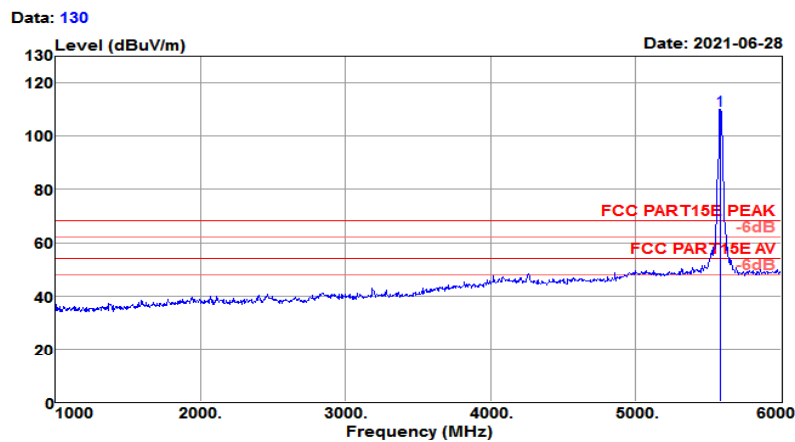
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.84	39.84	12.90	32.67	44.91	54.00	-9.09	Average
11160.000	33.71	39.84	12.90	32.67	53.78	68.20	-14.42	Peak
16740.000	23.91	39.32	17.34	30.31	50.26	54.00	-3.74	Average
16740.000	34.17	39.32	17.34	30.31	60.52	68.20	-7.68	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH116 (5580MHz)	Power rating:	DC 3.85V



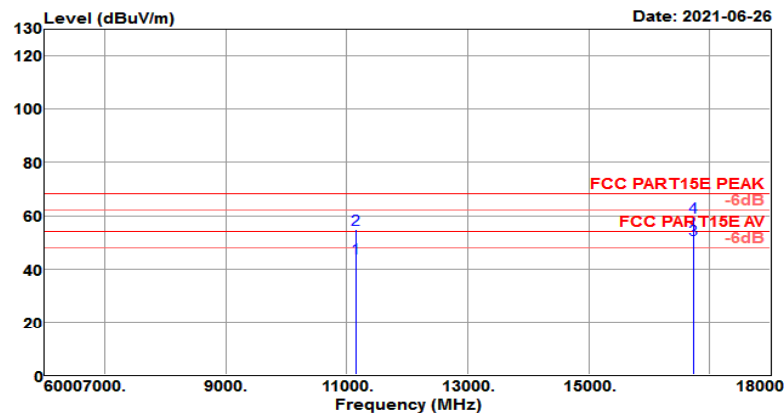
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	103.66	31.73	8.59	34.19	109.79	68.20	41.59	Peak



Test Mode :	802.11a CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH116 (5580MHz)	Power rating: DC 3.85V

Data: 6



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	23.92	39.84	12.90	32.67	43.99	54.00	-10.01	Average
11160.000	34.83	39.84	12.90	32.67	54.90	68.20	-13.30	Peak
16740.000	24.51	39.32	17.34	30.31	50.86	54.00	-3.14	Average
16740.000	32.94	39.32	17.34	30.31	59.29	68.20	-8.91	Peak

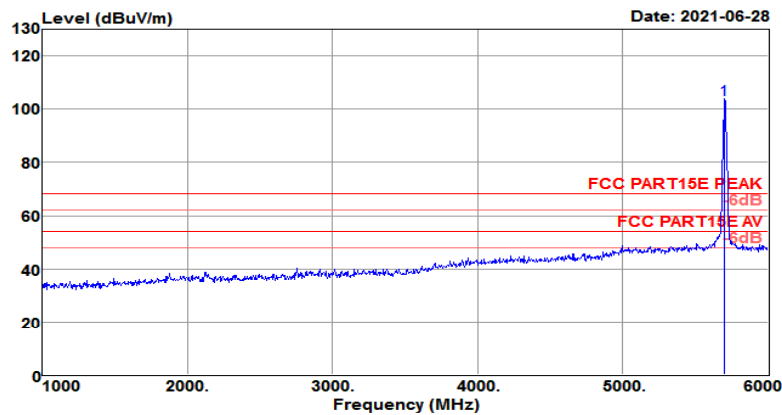
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 136



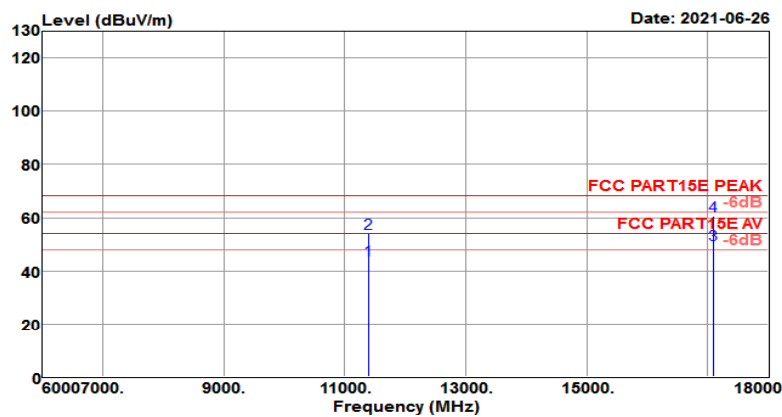
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	97.87	31.92	7.94	34.25	103.48	68.20	35.28	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 10



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	23.86	39.74	13.22	32.85	43.97	54.00	-10.03	Average
11400.000	33.93	39.74	13.22	32.85	54.04	68.20	-14.16	Peak
17100.000	20.92	40.44	18.59	30.08	49.87	54.00	-4.13	Average
17100.000	31.84	40.44	18.59	30.08	60.79	68.20	-7.41	Peak

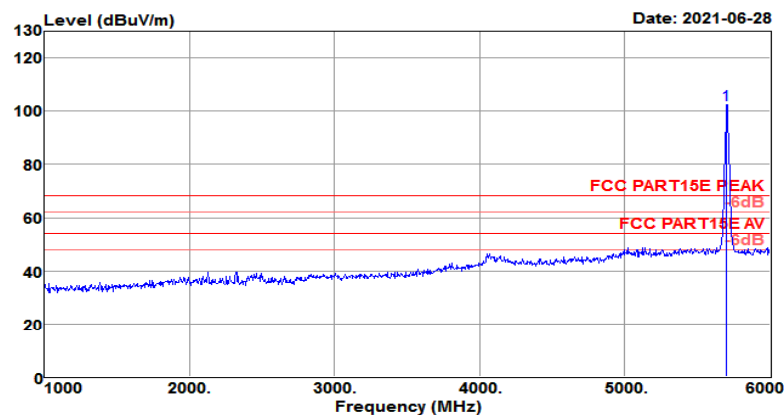
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 133



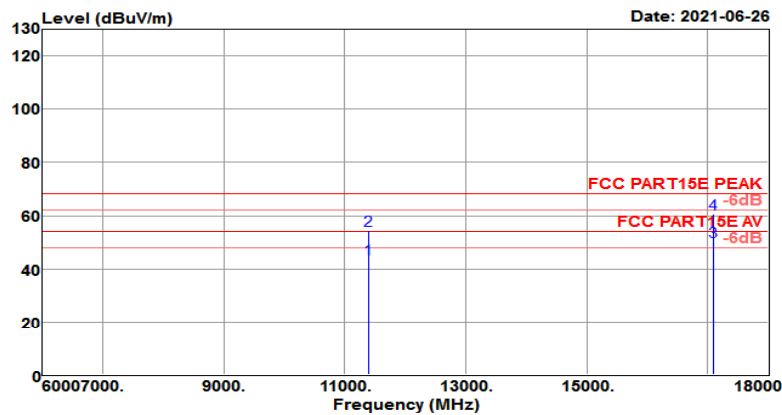
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	96.75	31.92	7.94	34.25	102.36	68.20	34.16	Peak



Test Mode :	802.11a CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating:	DC 3.85V

Data: 12



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	23.59	39.74	13.22	32.85	43.70	54.00	-10.30	Average
11400.000	34.20	39.74	13.22	32.85	54.31	68.20	-13.89	Peak
17100.000	21.28	40.44	18.59	30.08	50.23	54.00	-3.77	Average
17100.000	31.48	40.44	18.59	30.08	60.43	68.20	-7.77	Peak

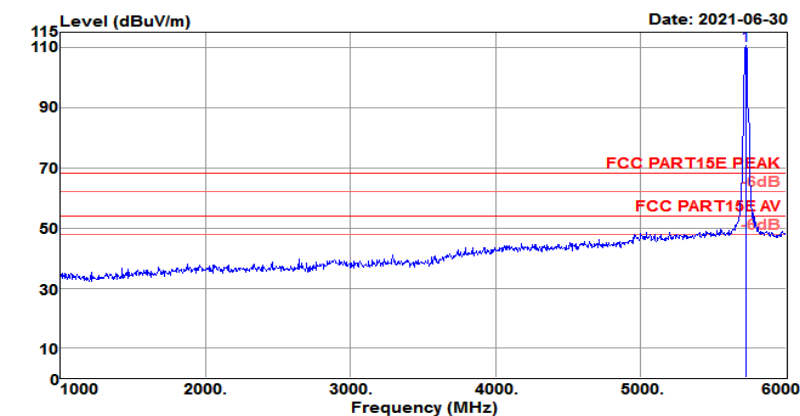
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 22℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH144 (5720MHz)	Power rating	: DC 3.85V

Data: 158



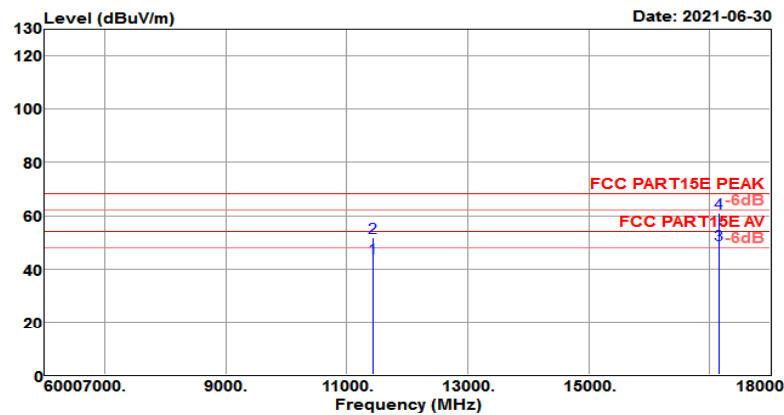
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	105.20	31.95	7.83	34.26	110.72	68.20	42.52	Peak



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 21℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH144 (5720MHz)	Power rating: DC 3.85V

Data: 192



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	23.96	39.72	13.28	32.88	44.08	54.00	-9.92	Average
11440.000	31.86	39.72	13.28	32.88	51.98	68.20	-16.22	Peak
17160.000	20.49	40.64	18.21	30.08	49.26	54.00	-4.74	Average
17160.000	32.39	40.64	18.21	30.08	61.16	68.20	-7.04	Peak

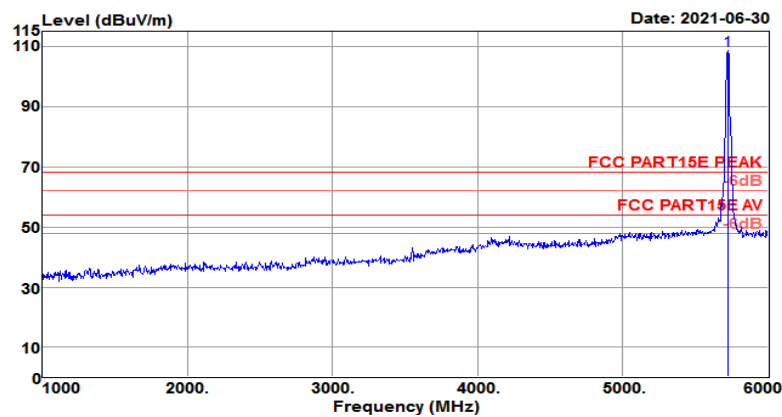
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 22℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH144 (5720MHz)	Power rating:	DC 3.85V

Data: 155



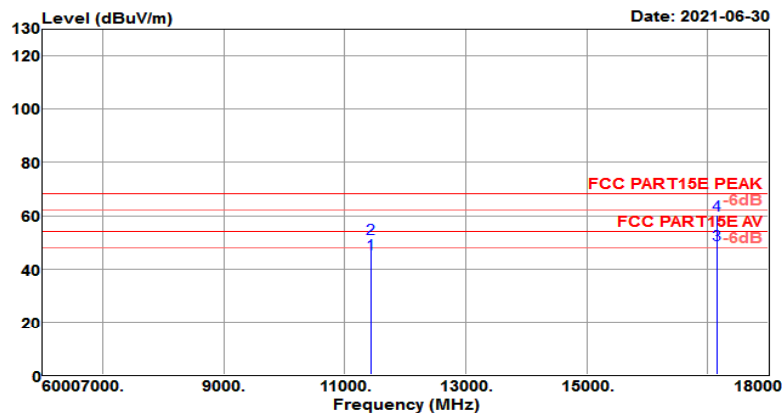
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	103.06	31.95	7.83	34.26	108.58	68.20	40.38	Peak



Test Mode :	802.11a CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH144 (5720MHz)	Power rating:	DC 3.85V

Data: 191



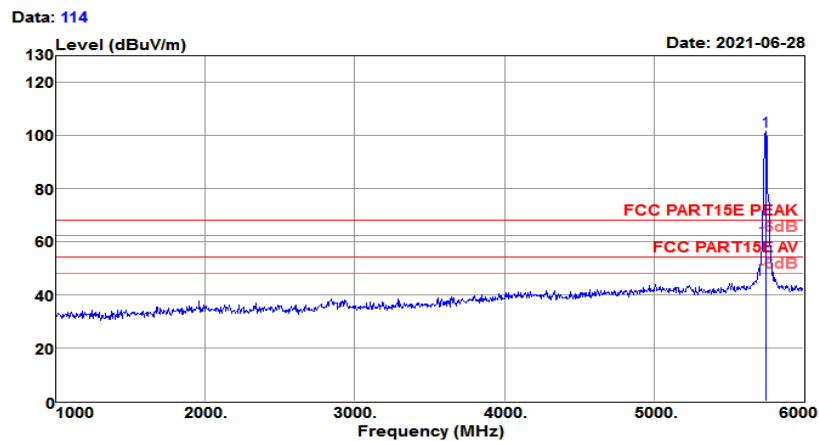
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	25.36	39.72	13.28	32.88	45.48	54.00	-8.52	Average
11440.000	31.14	39.72	13.28	32.88	51.26	68.20	-16.94	Peak
17160.000	20.36	40.64	18.21	30.08	49.13	54.00	-4.87	Average
17160.000	31.49	40.64	18.21	30.08	60.26	68.20	-7.94	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		



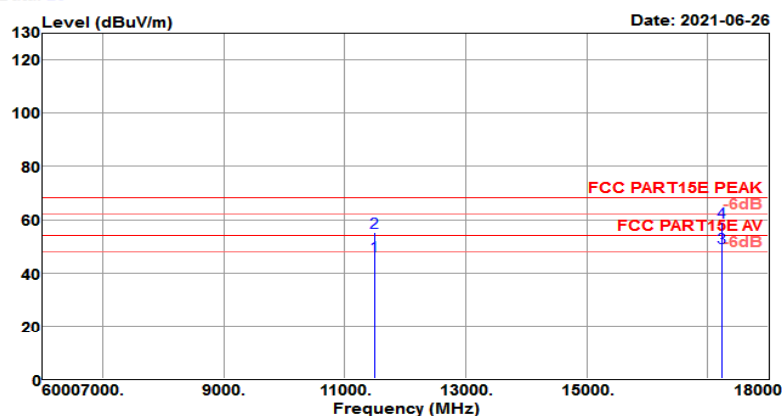
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5745.000	97.69	31.99	6.06	101.47	68.20	33.27	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH149 (5745MHz)	Power rating:	DC 3.85V

Data: 26



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	26.37	39.70	13.35	32.91	46.51	54.00	-7.49	Average
11490.000	35.15	39.70	13.35	32.91	55.29	68.20	-12.91	Peak
17235.000	20.92	40.90	17.74	30.08	49.48	54.00	-4.52	Average
17235.000	30.41	40.90	17.74	30.08	58.97	68.20	-9.23	Peak

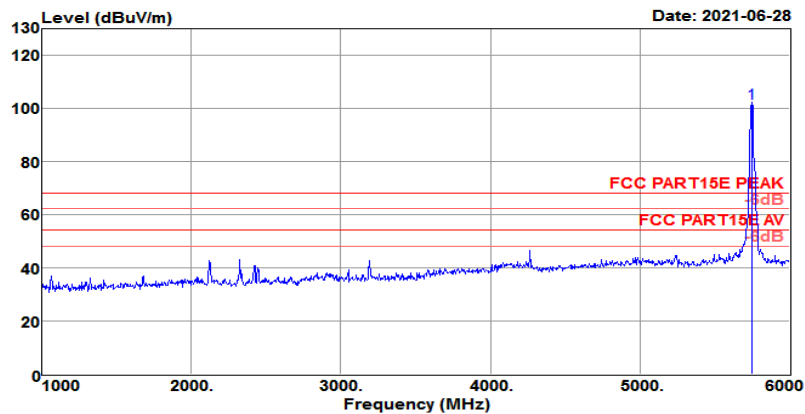
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH149 (5745MHz)		

Data: 111



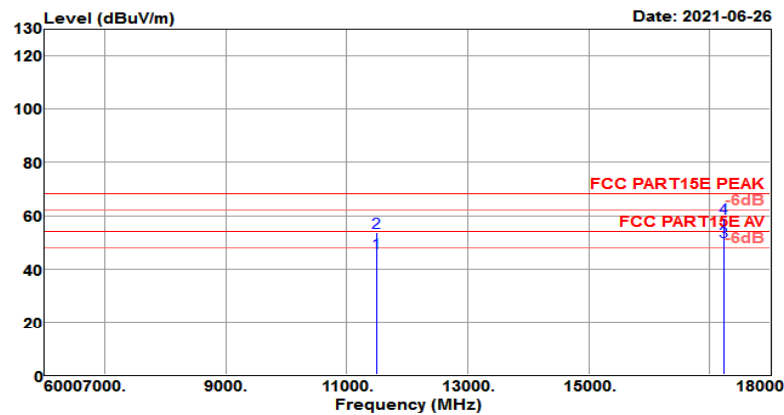
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5745.000	98.36	31.99	6.06	102.14	68.20	33.94	Peak



Test Mode :	802.11a CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH149 (5745MHz)	Power rating: DC 3.85V

Data: 28



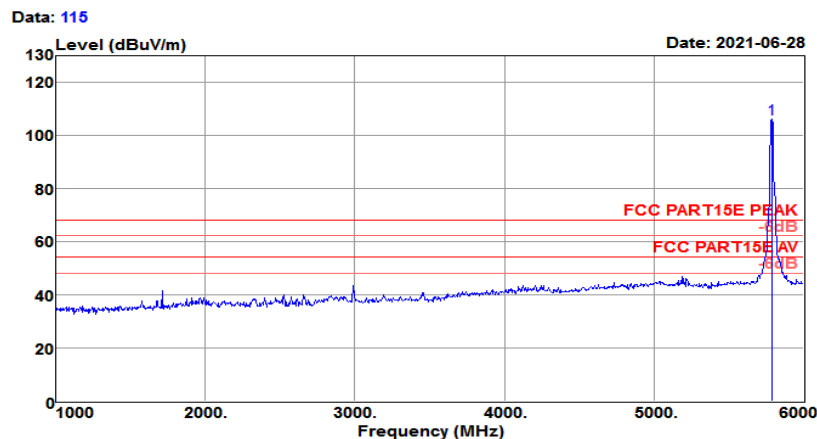
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	25.72	39.70	13.35	32.91	45.86	54.00	-8.14	Average
11490.000	33.61	39.70	13.35	32.91	53.75	68.20	-14.45	Peak
17235.000	21.82	40.90	17.74	30.08	50.38	54.00	-3.62	Average
17235.000	30.58	40.90	17.74	30.08	59.14	68.20	-9.06	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH157 (5785MHz)		



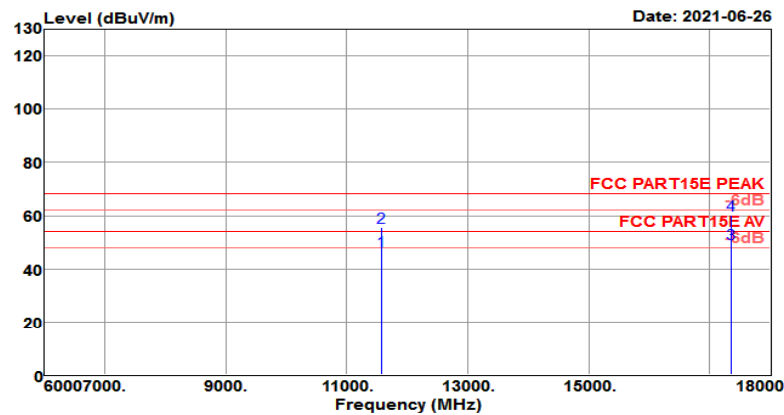
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5785.000	102.20	32.06	6.09	106.06	68.20	37.86	Peak



Test Mode :	802.11a CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH157 (5785MHz)	Power rating: DC 3.85V

Data: 32



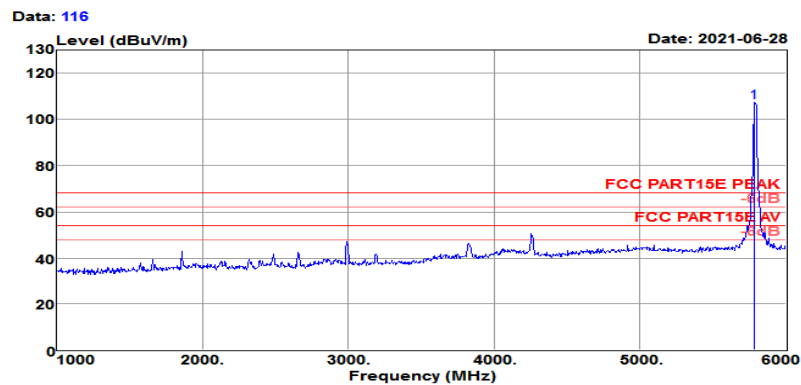
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	26.82	39.56	13.55	32.98	46.95	54.00	-7.05	Average
11570.000	35.48	39.56	13.55	32.98	55.61	68.20	-12.59	Peak
17355.000	21.41	41.31	16.99	30.08	49.63	54.00	-4.37	Average
17355.000	31.82	41.31	16.99	30.08	60.04	68.20	-8.16	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH157 (5785MHz)	Power rating	: DC 3.85W
EUT	: Mobile Computer		
Model No.	: CT45-L0N		



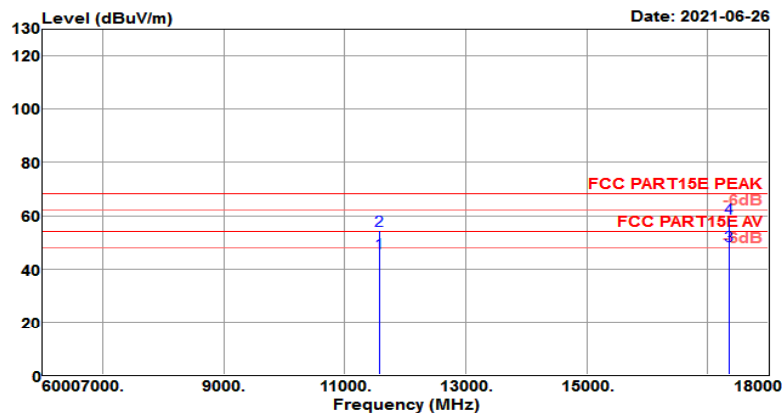
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	103.71	32.06	6.09	34.29	107.57	68.20	39.37	Peak



Test Mode :	802.11a CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH157 (5785MHz)	Power rating: DC 3.85V

Data: 30



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.82	39.56	13.55	32.98	45.95	54.00	-8.05	Average
11570.000	34.42	39.56	13.55	32.98	54.55	68.20	-13.65	Peak
17355.000	20.68	41.31	16.99	30.08	48.90	54.00	-5.10	Average
17355.000	30.82	41.31	16.99	30.08	59.04	68.20	-9.16	Peak

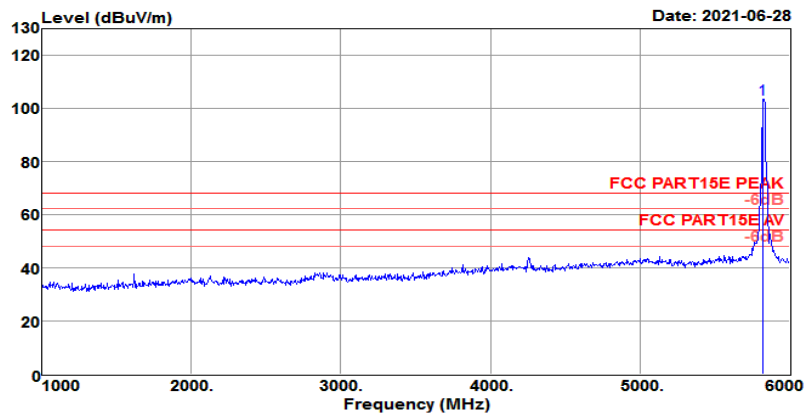
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: HORIZONTAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH165 (5825MHz)		

Data: 122



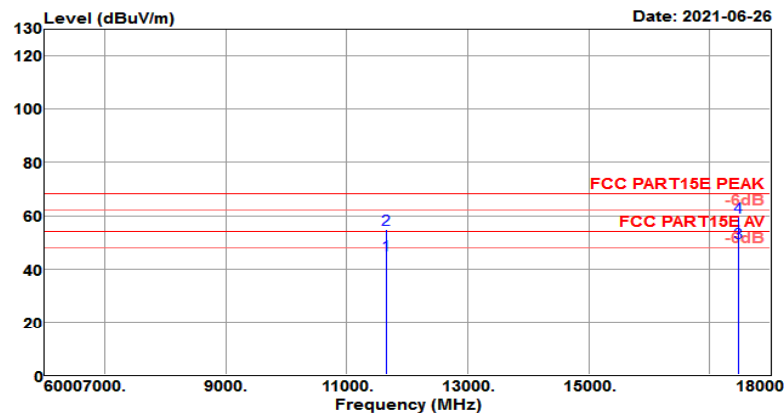
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5825.000	99.54	32.12	6.12	103.47	68.20	35.27	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : HORIZONTAL
Test Mode : 802.11a CH165 (5825MHz)	Power rating: DC 3.85V

Data: 36



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.13	39.40	13.76	33.04	45.25	54.00	-8.75	Average
11650.000	34.72	39.40	13.76	33.04	54.84	68.20	-13.36	Peak
17475.000	21.81	41.72	16.25	30.08	49.70	54.00	-4.30	Average
17475.000	31.57	41.72	16.25	30.08	59.46	68.20	-8.74	Peak

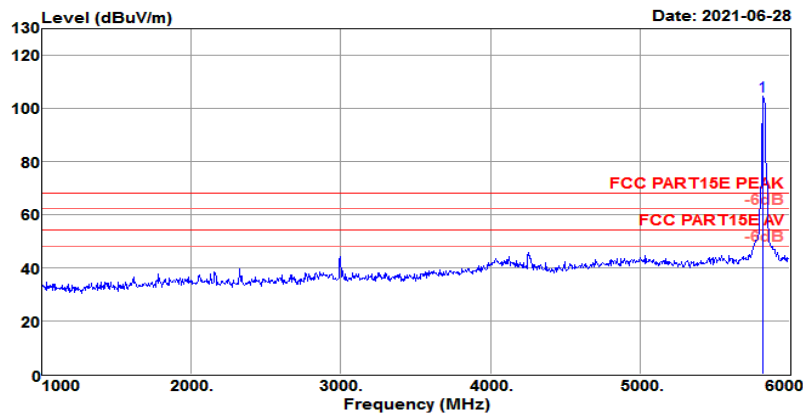
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Power rating	: DC 3.85V
Model No.	: CT45-L0N	Pol/Phase	: VERTICAL
EUT	: Mobile Computer		
Test Mode	: 802.11a CH165 (5825MHz)		

Data: 119



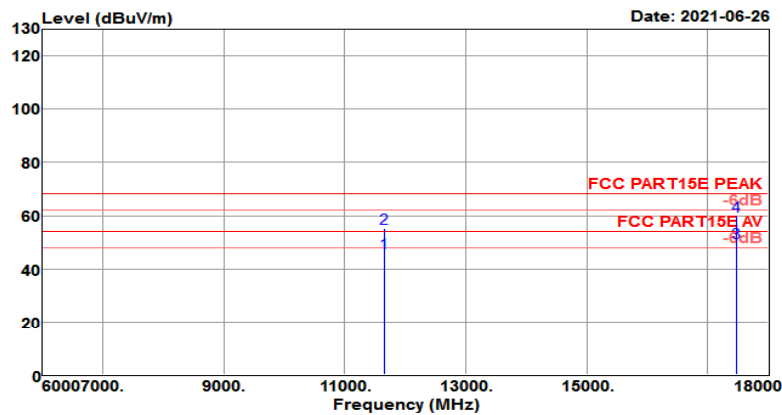
Freq MHz	Reading level dBuV	Antenna factor dBs/m	Cable loss dB	level dBuA/m	Limit level dBuA/m	Over limit dB	Remark
5825.000	100.65	32.12	6.12	104.58	68.20	36.38	Peak



Test Mode :	802.11a CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber	Temp/Humi : 19℃/60%
Tested by : Jack	Pol/Phase : VERTICAL
Test Mode : 802.11a CH165 (5825MHz)	Power rating: DC 3.85V

Data: 34



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.82	39.40	13.76	33.04	45.94	54.00	-8.06	Average
11650.000	35.18	39.40	13.76	33.04	55.30	68.20	-12.90	Peak
17475.000	21.81	41.72	16.25	30.08	49.70	54.00	-4.30	Average
17475.000	31.81	41.72	16.25	30.08	59.70	68.20	-8.50	Peak

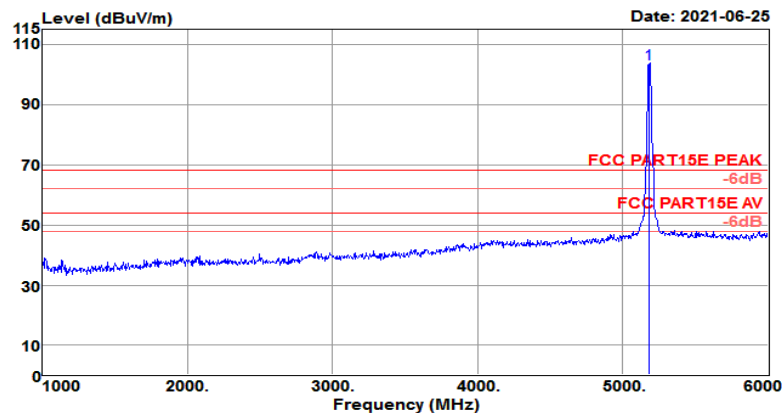
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH36 (5180MHz)	Power rating:	DC 3.85V

Data: 20



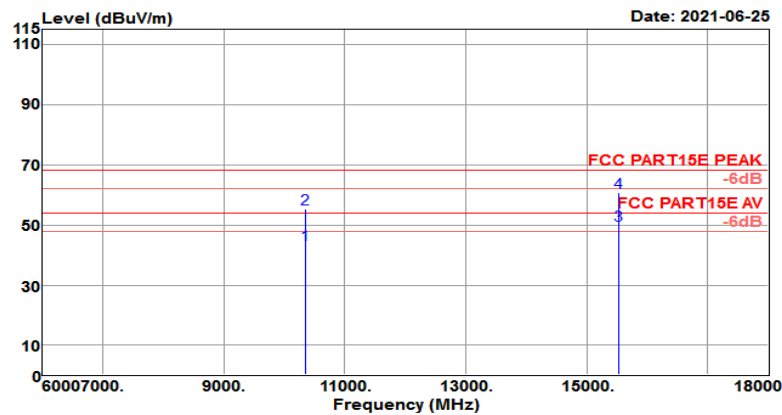
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	97.81	31.34	8.22	33.99	103.38	68.20	35.18	Peak



Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH36 (5180MHz)
Power rating: DC 3.85V

Data: 58



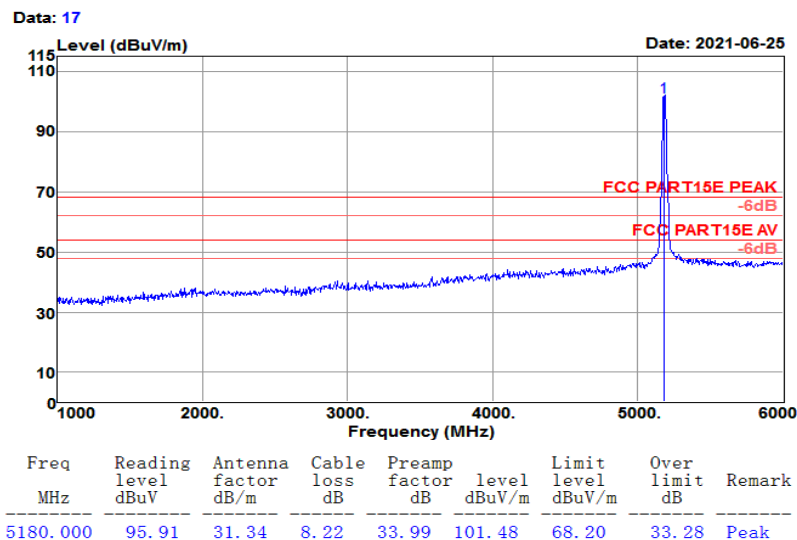
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	24.93	39.20	13.23	33.83	43.53	54.00	-10.47	Average
10360.000	36.86	39.20	13.23	33.83	55.46	68.20	-12.74	Peak
15540.000	22.13	38.43	20.83	31.52	49.87	54.00	-4.13	Average
15540.000	32.85	38.43	20.83	31.52	60.59	68.20	-7.61	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH36 (5180MHz)	Power rating:	DC 3.85V

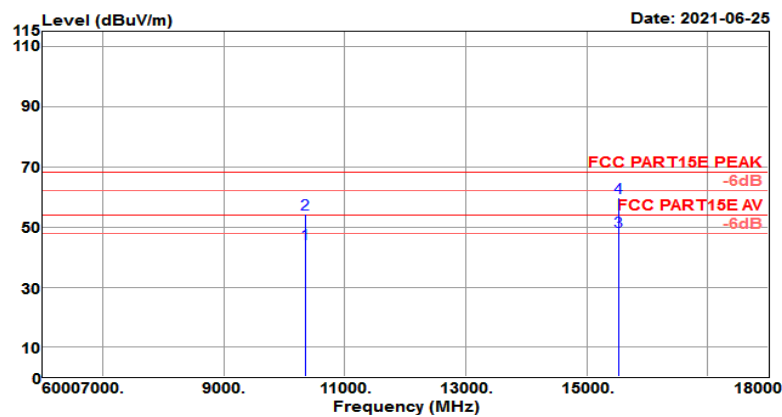




Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH36 (5180MHz) Power rating: DC 3.85V

Data: 56



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.93	39.20	13.23	33.83	44.53	54.00	-9.47	Average
10360.000	35.54	39.20	13.23	33.83	54.14	68.20	-14.06	Peak
15540.000	20.93	38.43	20.83	31.52	48.67	54.00	-5.33	Average
15540.000	32.12	38.43	20.83	31.52	59.86	68.20	-8.34	Peak

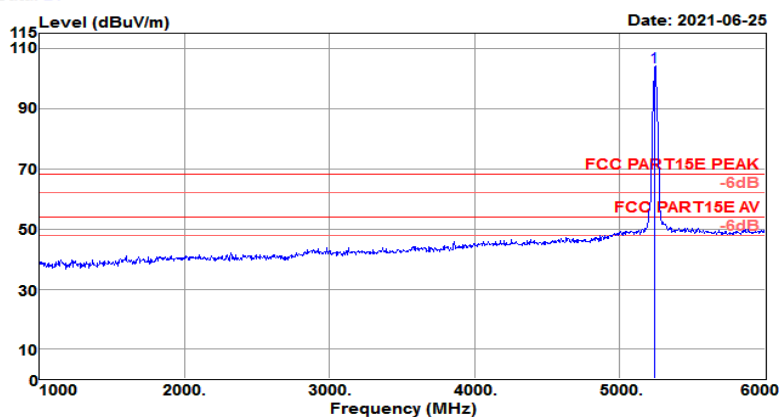
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 21



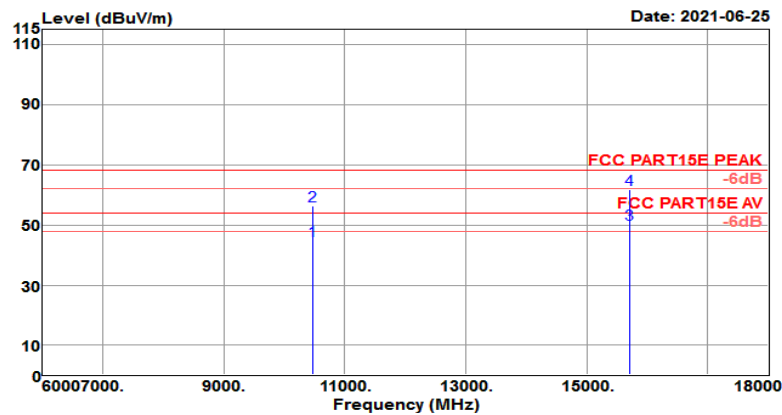
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	98.08	31.39	8.41	34.02	103.86	68.20	35.66	Peak



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH48 (5240MHz)	Power rating:	DC 3.85V

Data: 60



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.90	39.37	13.32	33.68	44.91	54.00	-9.09	Average
10480.000	37.42	39.37	13.32	33.68	56.43	68.20	-11.77	Peak
15720.000	23.20	38.10	20.24	31.40	50.14	54.00	-3.86	Average
15720.000	34.93	38.10	20.24	31.40	61.87	68.20	-6.33	Peak

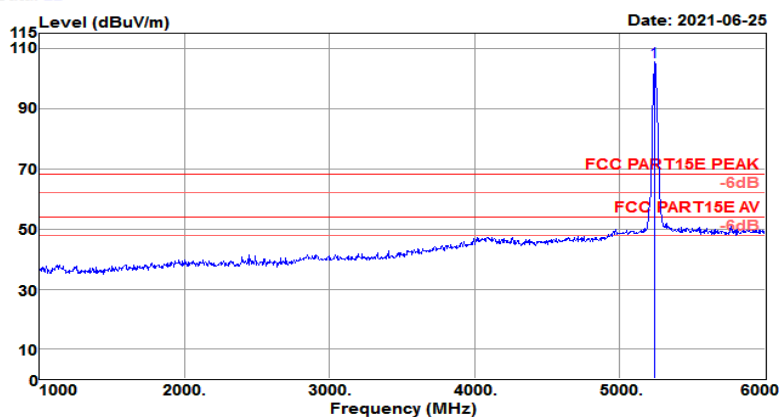
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH48 (5240MHz) Power rating: DC 3.85V

Data: 22



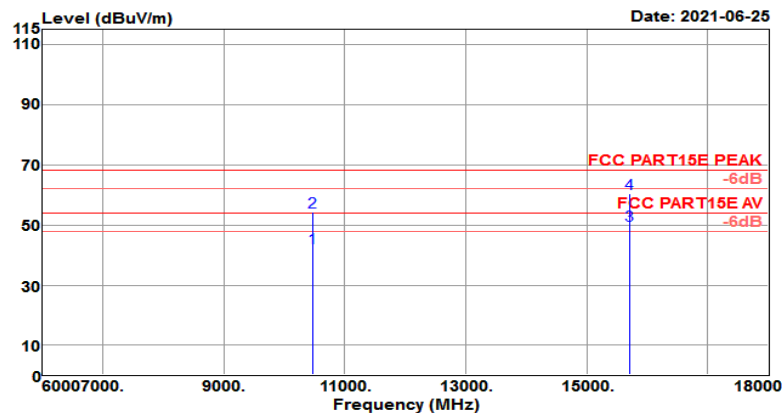
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	99.77	31.39	8.41	34.02	105.55	68.20	37.35	Peak



Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH48 (5240MHz)
Power rating: DC 3.85V

Data: 62



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	23.42	39.37	13.32	33.68	42.43	54.00	-11.57	Average
10480.000	35.40	39.37	13.32	33.68	54.41	68.20	-13.79	Peak
15720.000	22.83	38.10	20.24	31.40	49.77	54.00	-4.23	Average
15720.000	33.29	38.10	20.24	31.40	60.23	68.20	-7.97	Peak

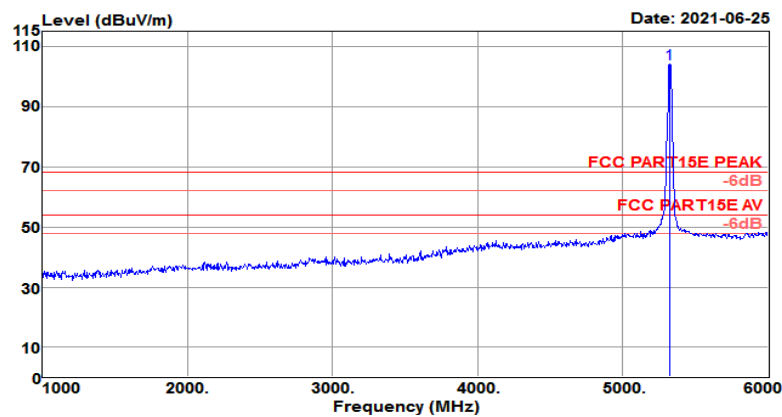
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 28



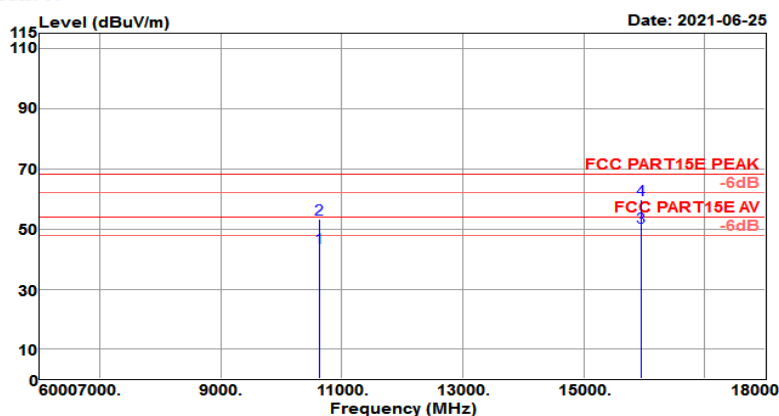
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	98.05	31.46	8.72	34.06	104.17	68.20	35.97	Peak



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : HORIZONTAL
Test Mode : 802.11n HT20 CH64 (5320MHz)
Power rating: DC 3.85V

Data: 66



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	23.92	39.54	13.86	33.47	43.85	54.00	-10.15	Average
10640.000	33.28	39.54	13.86	33.47	53.21	68.20	-14.99	Peak
15960.000	24.72	37.67	19.46	31.23	50.62	54.00	-3.38	Average
15960.000	33.97	37.67	19.46	31.23	59.87	68.20	-8.33	Peak

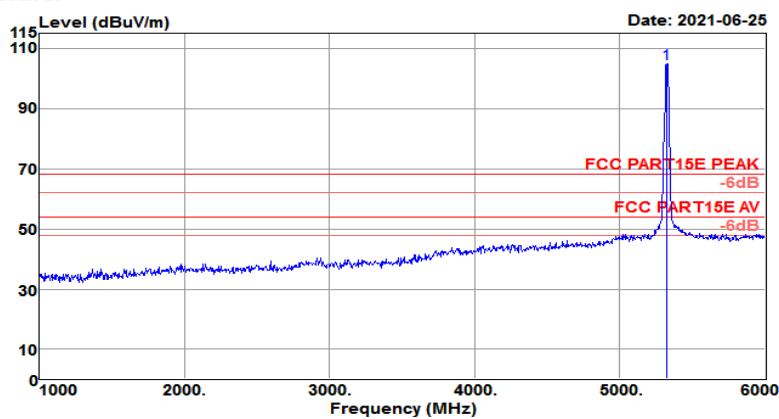
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH64 (5320MHz)	Power rating:	DC 3.85V

Data: 25



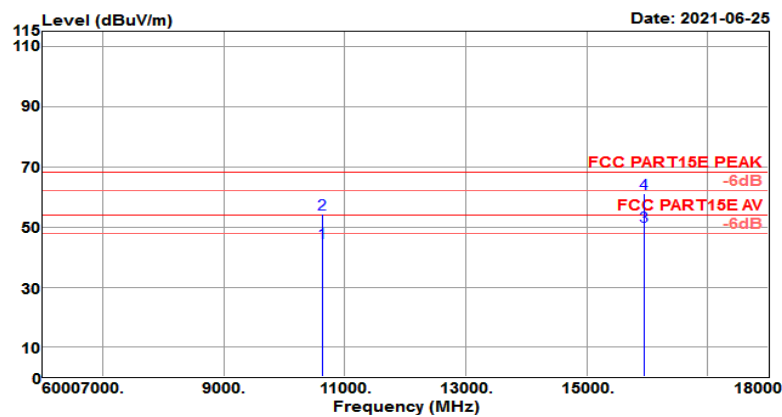
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5320.000	98.86	31.46	8.72	34.06	104.98	68.20	36.78	Peak



Test Mode :	802.11 n HT20 CH64 5320MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 19℃/60%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH64 (5320MHz)
Power rating: DC 3.85V

Data: 64



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10640.000	24.71	39.54	13.86	33.47	44.64	54.00	-9.36	Average
10640.000	34.39	39.54	13.86	33.47	54.32	68.20	-13.88	Peak
15960.000	24.19	37.67	19.46	31.23	50.09	54.00	-3.91	Average
15960.000	35.24	37.67	19.46	31.23	61.14	68.20	-7.06	Peak

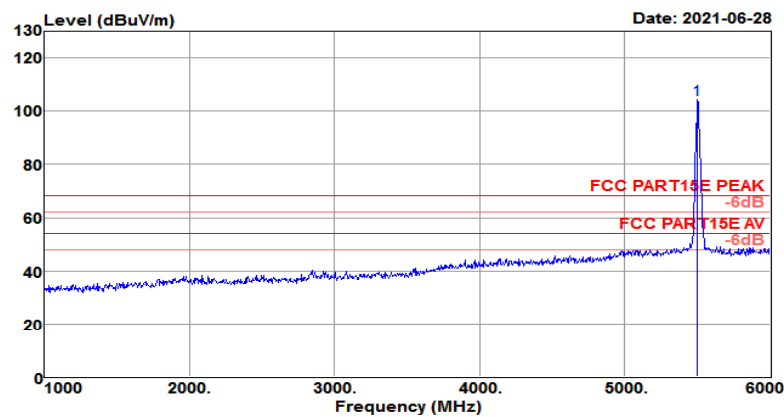
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH100(5500MHz)	Power rating:	DC 3.85V

Data: 139



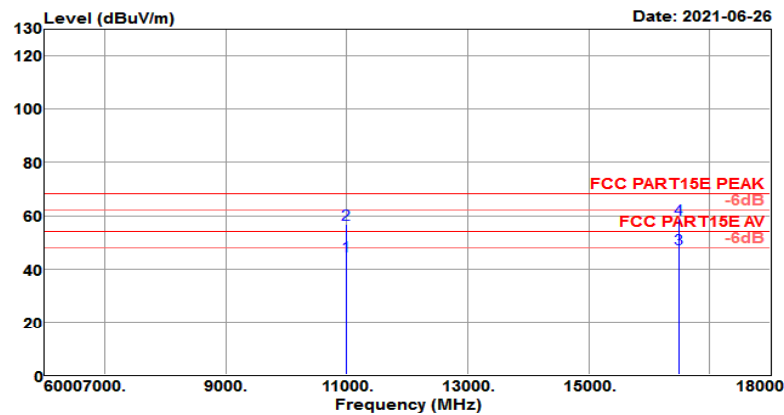
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	97.92	31.60	8.78	34.15	104.15	68.20	35.95	Peak



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH100 (5500MHz) Power rating: DC 3.85V

Data: 16



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	24.82	39.90	12.68	32.54	44.86	54.00	-9.14	Average
11000.000	36.92	39.90	12.68	32.54	56.96	68.20	-11.24	Peak
16500.000	23.84	38.60	15.61	30.53	47.52	54.00	-6.48	Average
16500.000	34.91	38.60	15.61	30.53	58.59	68.20	-9.61	Peak

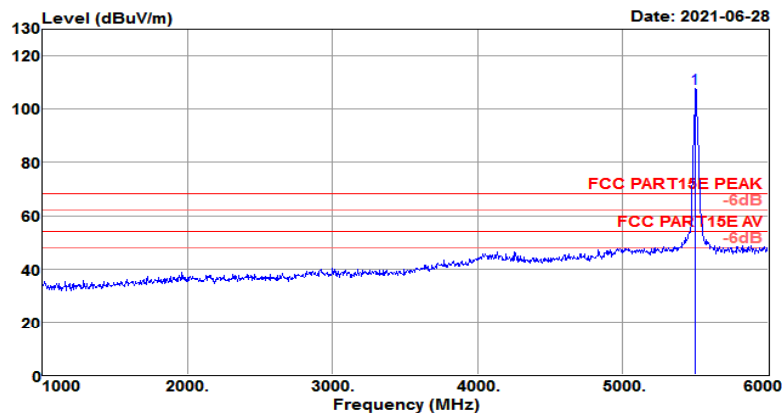
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH100(5500MHz)	Power rating:	DC 3.85V

Data: 142



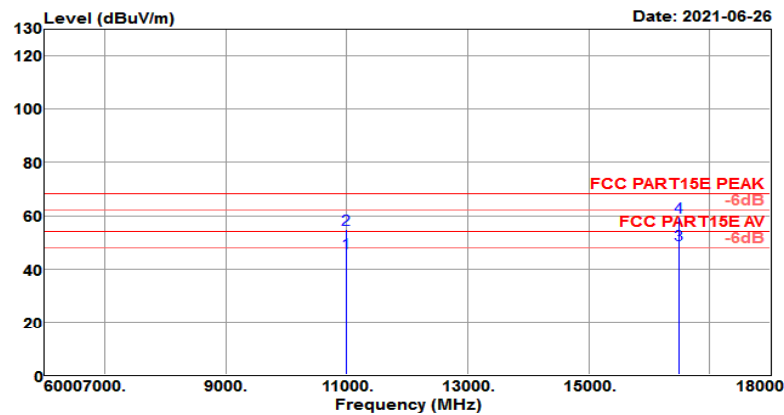
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5500.000	101.59	31.60	8.78	34.15	107.82	68.20	39.62	Peak



Test Mode :	802.11 n HT20 CH100 5500MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH100 (5500MHz) Power rating: DC 3.85V

Data: 14



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11000.000	25.82	39.90	12.68	32.54	45.86	54.00	-8.14	Average
11000.000	34.98	39.90	12.68	32.54	55.02	68.20	-13.18	Peak
16500.000	25.42	38.60	15.61	30.53	49.10	54.00	-4.90	Average
16500.000	35.81	38.60	15.61	30.53	59.49	68.20	-8.71	Peak

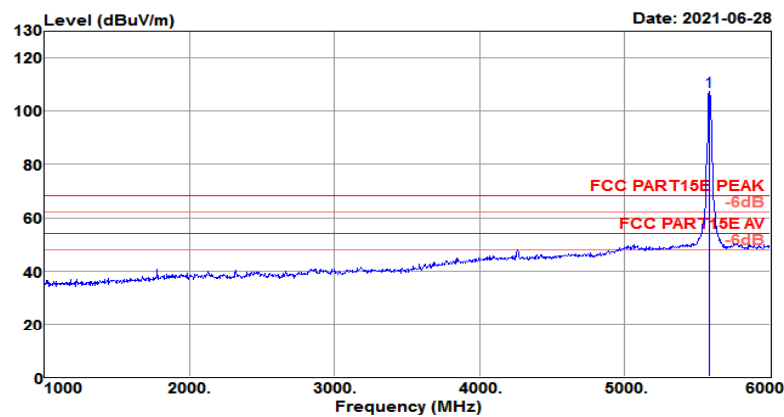
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH116(5580MHz)	Power rating:	DC 3.85V

Data: 144



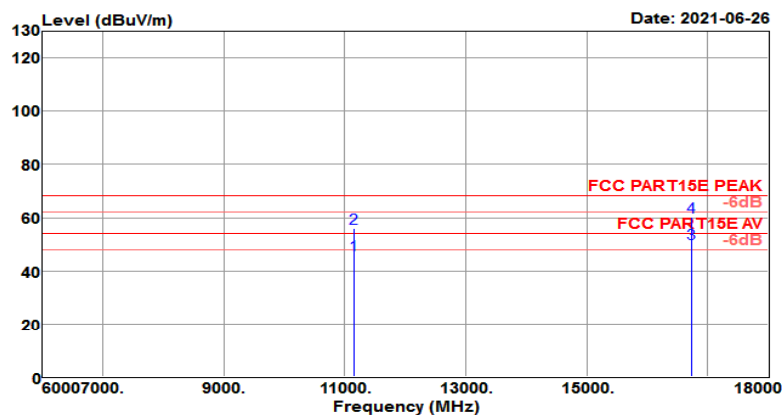
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	101.09	31.73	8.59	34.19	107.22	68.20	39.02	Peak



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH116 (5580MHz) Power rating: DC 3.85V

Data: 18



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	25.82	39.84	12.90	32.67	45.89	54.00	-8.11	Average
11160.000	35.91	39.84	12.90	32.67	55.98	68.20	-12.22	Peak
16740.000	23.82	39.32	17.34	30.31	50.17	54.00	-3.83	Average
16740.000	33.92	39.32	17.34	30.31	60.27	68.20	-7.93	Peak

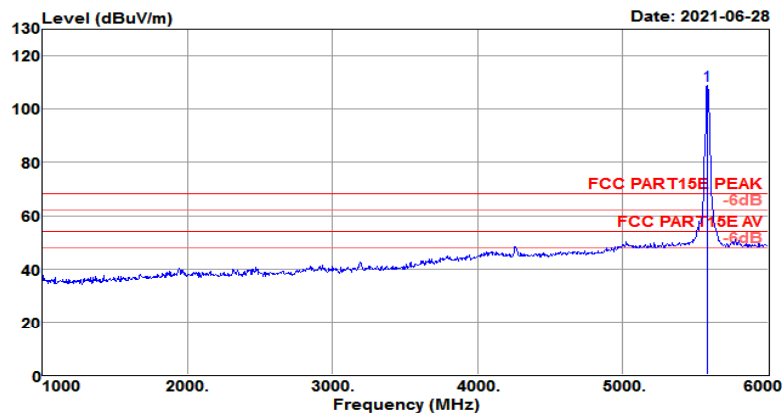
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH116(5580MHz)	Power rating:	DC 3.85V

Data: 143



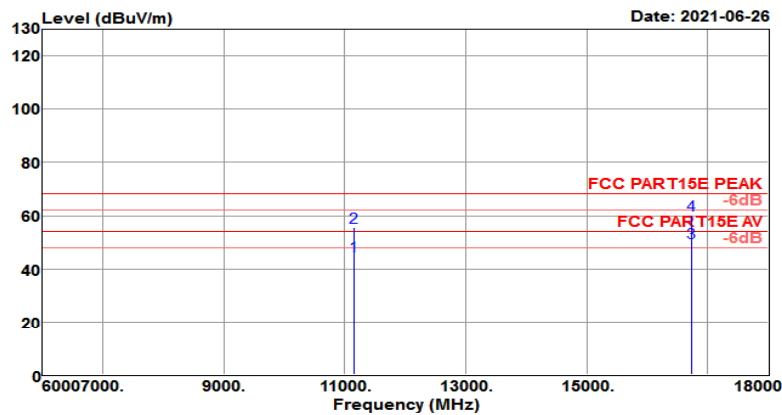
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5580.000	102.70	31.73	8.59	34.19	108.83	68.20	40.63	Peak



Test Mode :	802.11 n HT20 CH116 5580MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH116 (5580MHz) Power rating: DC 3.85V

Data: 20



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11160.000	24.92	39.84	12.90	32.67	44.99	54.00	-9.01	Average
11160.000	35.41	39.84	12.90	32.67	55.48	68.20	-12.72	Peak
16740.000	23.42	39.32	17.34	30.31	49.77	54.00	-4.23	Average
16740.000	33.90	39.32	17.34	30.31	60.25	68.20	-7.95	Peak

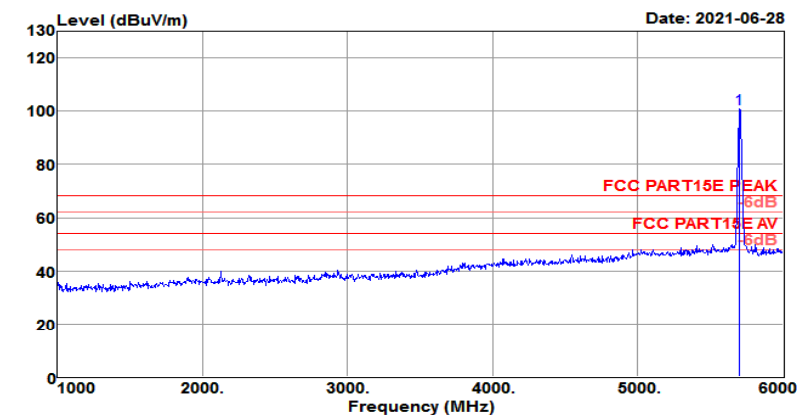
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 23℃/59%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH140(5700MHz) Power rating: DC 3.85V

Data: 147



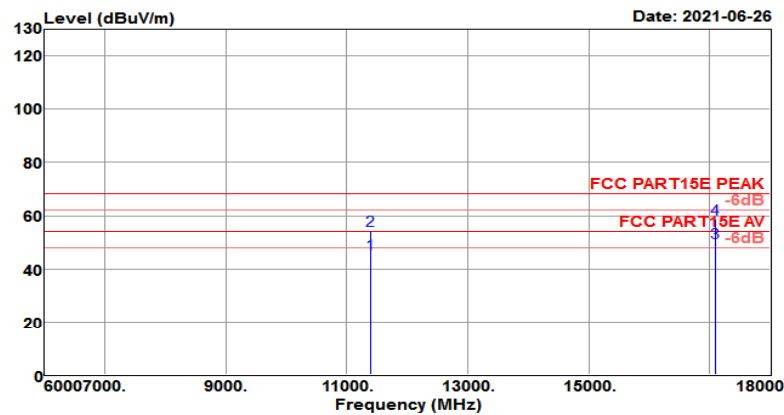
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	95.22	31.92	7.94	34.25	100.83	68.20	32.63	Peak



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V

Data: 22



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	25.36	39.74	13.22	32.85	45.47	54.00	-8.53	Average
11400.000	34.36	39.74	13.22	32.85	54.47	68.20	-13.73	Peak
17100.000	20.94	40.44	18.59	30.08	49.89	54.00	-4.11	Average
17100.000	29.75	40.44	18.59	30.08	58.70	68.20	-9.50	Peak

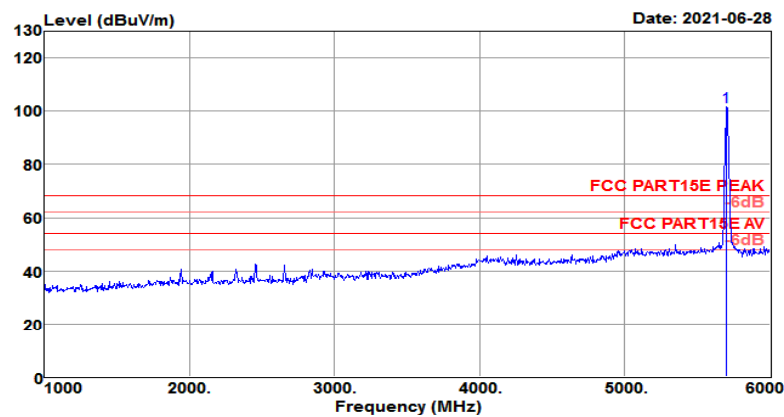
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber
Temp/Humi : 23℃/59%
Tested by : Jack
Pol/Phase : VERTICAL
Test Mode : 802.11n HT20 CH140(5700MHz)
Power rating: DC 3.85V

Data: 150



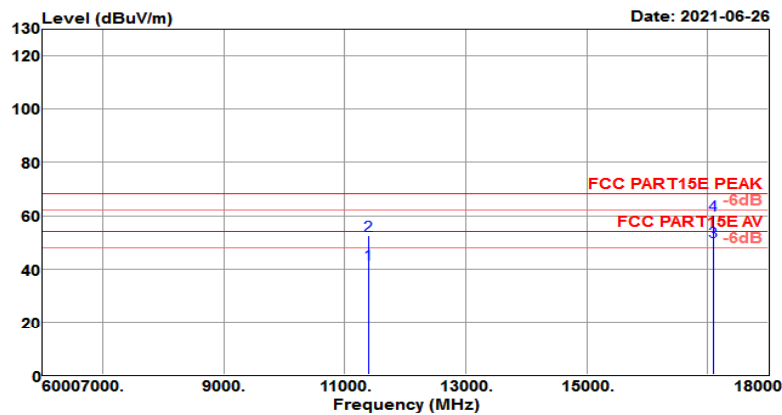
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5700.000	96.01	31.92	7.94	34.25	101.62	68.20	33.42	Peak



Test Mode :	802.11 n HT20 CH140 5700MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH140 (5700MHz) Power rating: DC 3.85V

Data: 24



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11400.000	21.86	39.74	13.22	32.85	41.97	54.00	-12.03	Average
11400.000	32.40	39.74	13.22	32.85	52.51	68.20	-15.69	Peak
17100.000	21.25	40.44	18.59	30.08	50.20	54.00	-3.80	Average
17100.000	31.37	40.44	18.59	30.08	60.32	68.20	-7.88	Peak

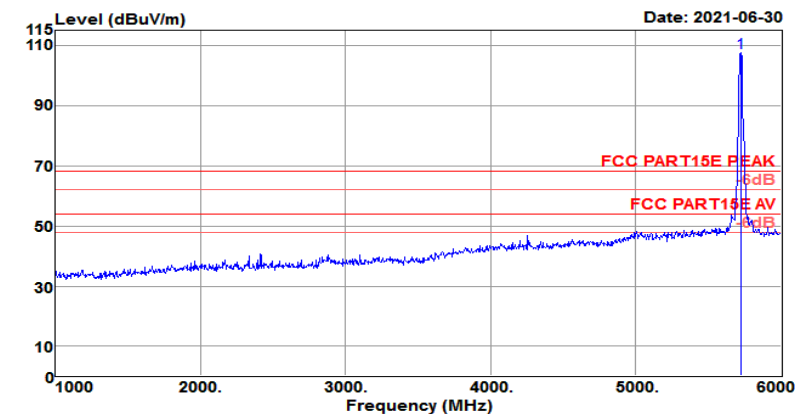
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 170



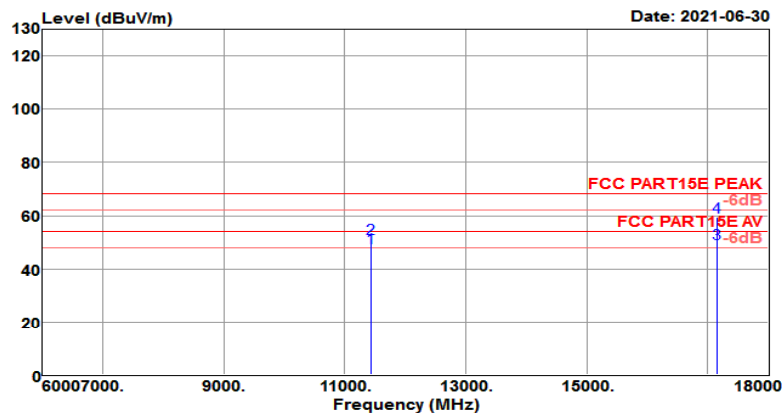
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	101.96	31.95	7.83	34.26	107.48	68.20	39.28	Peak



Test Mode :	802.11 n HT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 194



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	27.75	39.72	13.28	32.88	47.87	54.00	-6.13	Average
11440.000	31.36	39.72	13.28	32.88	51.48	68.20	-16.72	Peak
17160.000	20.86	40.64	18.21	30.08	49.63	54.00	-4.37	Average
17160.000	30.72	40.64	18.21	30.08	59.49	68.20	-8.71	Peak

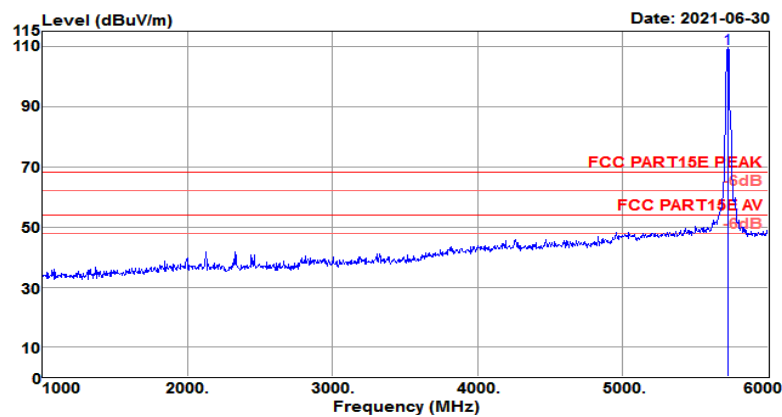
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 22℃/61%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 167



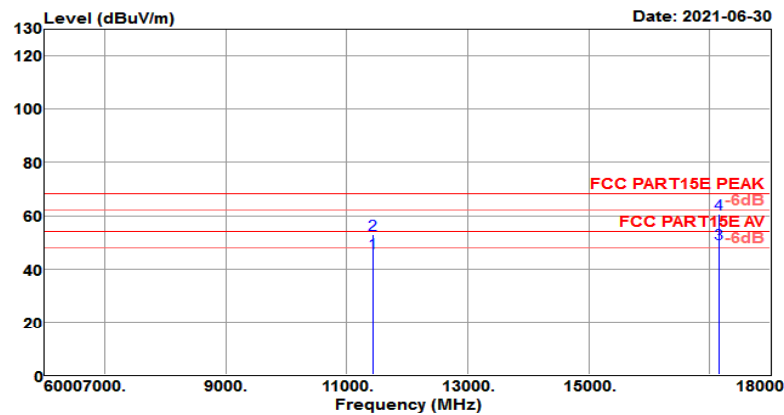
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamplifier factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5720.000	103.60	31.95	7.83	34.26	109.12	68.20	40.92	Peak



Test Mode :	802.11 n HT20 CH144 5720MHz	Temperature :	18~21℃
Test Engineer :	Jack Liu	Relative Humidity :	59~63%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 21℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH144 (5720MHz) Power rating: DC 3.85V

Data: 193



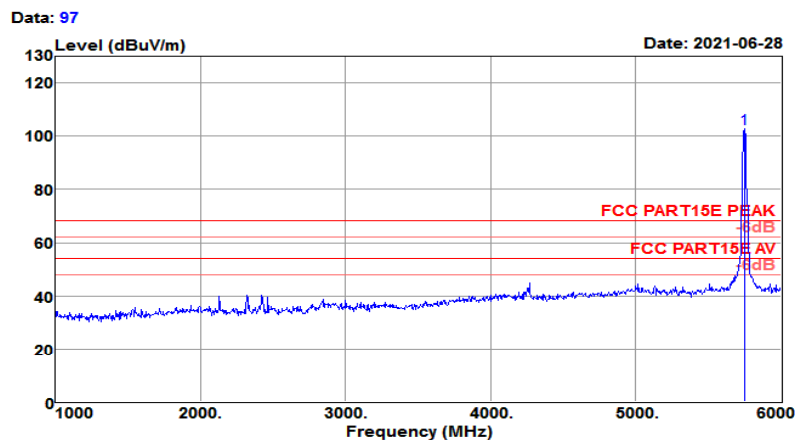
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11440.000	25.73	39.72	13.28	32.88	45.85	54.00	-8.15	Average
11440.000	32.86	39.72	13.28	32.88	52.98	68.20	-15.22	Peak
17160.000	20.73	40.64	18.21	30.08	49.50	54.00	-4.50	Average
17160.000	31.82	40.64	18.21	30.08	60.59	68.20	-7.61	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V



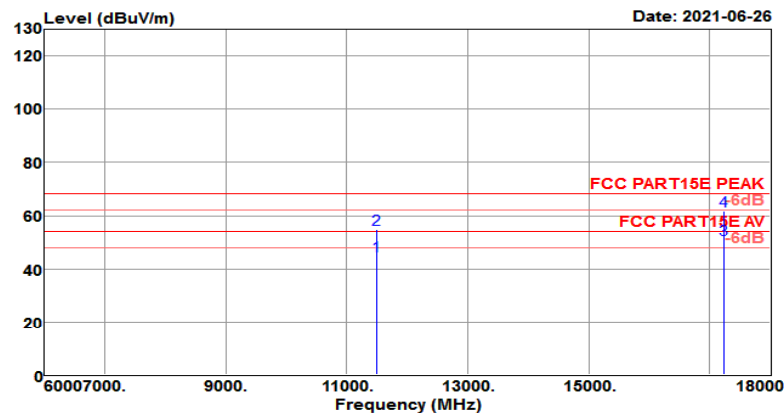
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	98.95	31.99	6.06	34.27	102.73	68.20	34.53	Peak



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

Data: 16



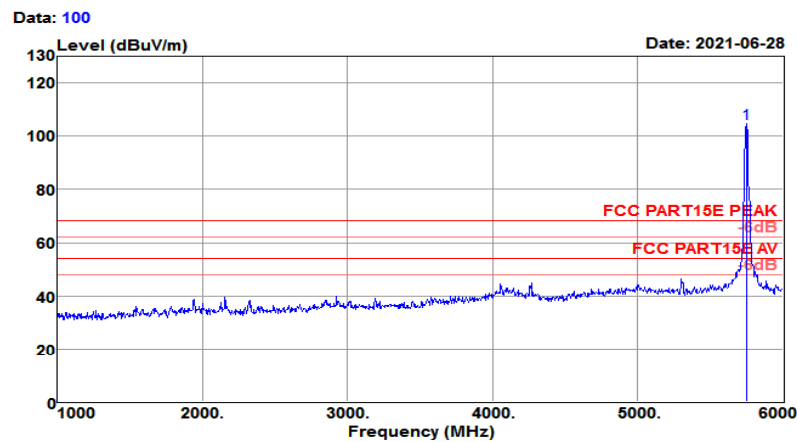
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.92	39.70	13.35	32.91	45.06	54.00	-8.94	Average
11490.000	34.81	39.70	13.35	32.91	54.95	68.20	-13.25	Peak
17235.000	22.42	40.90	17.74	30.08	50.98	54.00	-3.02	Average
17235.000	33.27	40.90	17.74	30.08	61.83	68.20	-6.37	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V



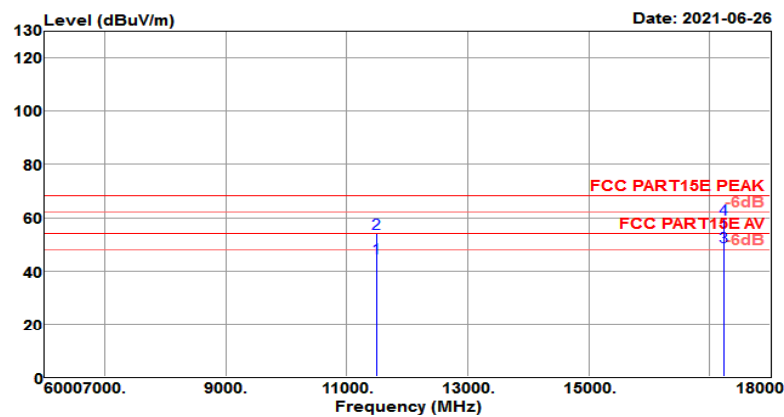
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	100.91	31.99	6.06	34.27	104.69	68.20	36.49	Peak



Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH149 (5745MHz) Power rating: DC 3.85V

Data: 14



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.59	39.70	13.35	32.91	44.73	54.00	-9.27	Average
11490.000	33.81	39.70	13.35	32.91	53.95	68.20	-14.25	Peak
17235.000	20.63	40.90	17.74	30.08	49.19	54.00	-4.81	Average
17235.000	30.82	40.90	17.74	30.08	59.38	68.20	-8.82	Peak

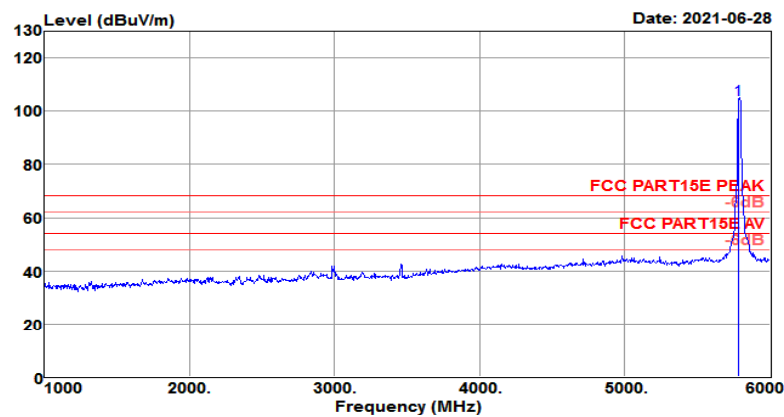
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH157 (5785MHz) Power rating: DC 3.85V

Data: 102



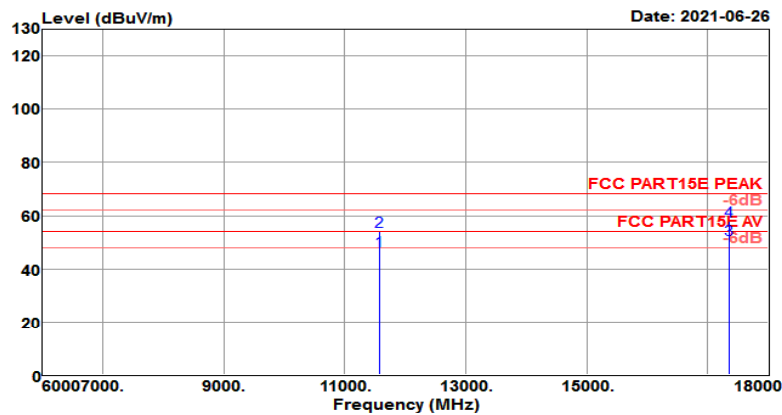
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	100.30	32.06	6.09	34.29	104.16	68.20	35.96	Peak



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH157 (5785MHz) Power rating: DC 3.85V

Data: 18



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	26.58	39.56	13.55	32.98	46.71	54.00	-7.29	Average
11570.000	33.82	39.56	13.55	32.98	53.95	68.20	-14.25	Peak
17355.000	22.72	41.31	16.99	30.08	50.94	54.00	-3.06	Average
17355.000	29.81	41.31	16.99	30.08	58.03	68.20	-10.17	Peak

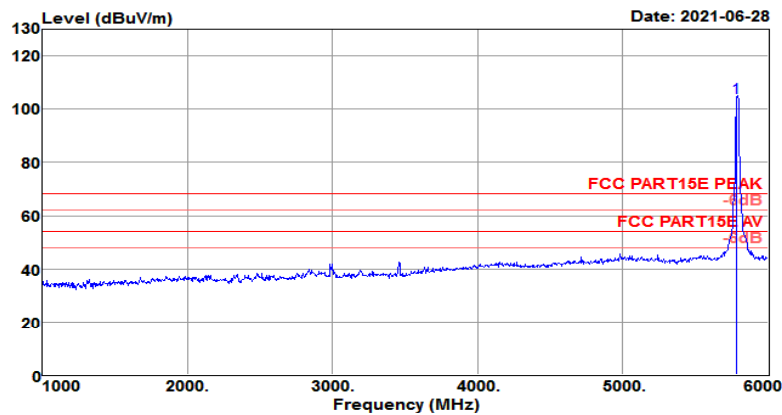
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH157 (5785MHz) Power rating: DC 3.85V

Data: 102



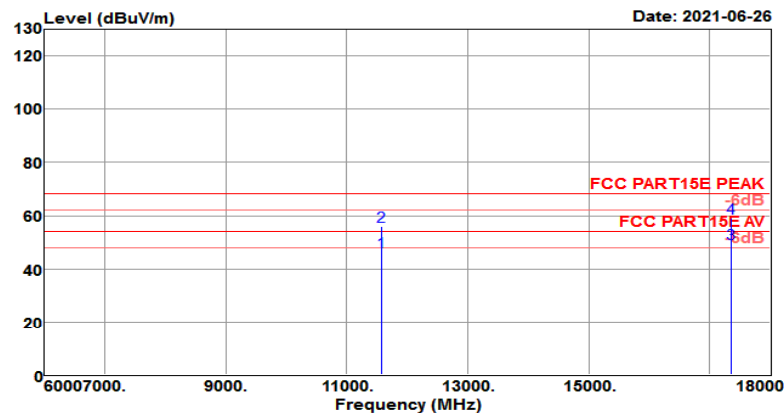
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	100.30	32.06	6.09	34.29	104.16	68.20	35.96	Peak



Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH157 (5785MHz) Power rating: DC 3.85V

Data: 19



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	26.47	39.56	13.55	32.98	46.60	54.00	-7.40	Average
11570.000	35.81	39.56	13.55	32.98	55.94	68.20	-12.26	Peak
17355.000	21.38	41.31	16.99	30.08	49.60	54.00	-4.40	Average
17355.000	30.82	41.31	16.99	30.08	59.04	68.20	-9.16	Peak

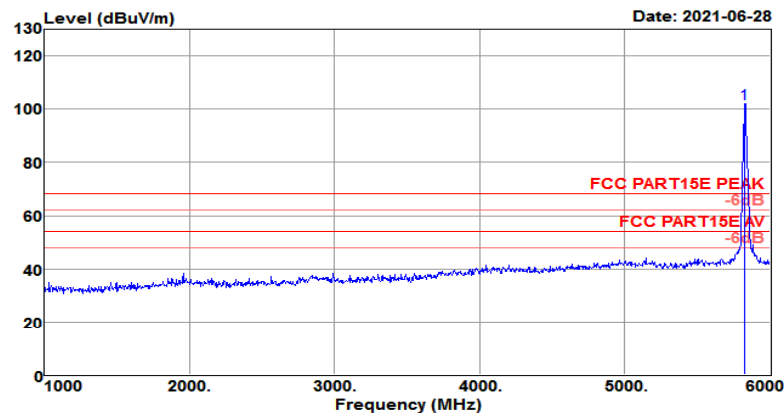
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 105



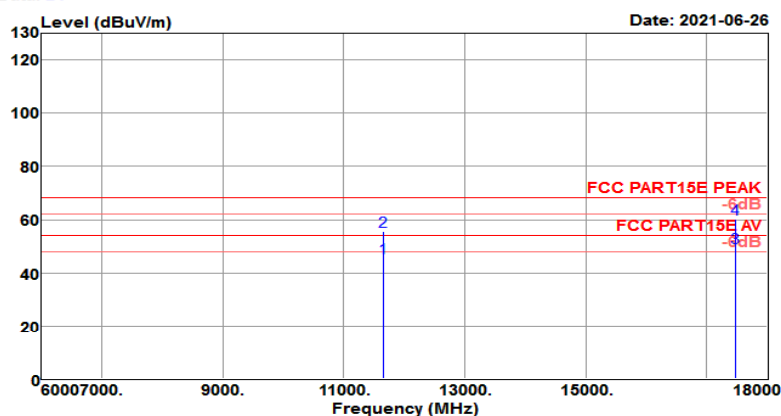
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	97.98	32.12	6.12	34.31	101.91	68.20	33.71	Peak



Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	6GHz~18GHz	Polarization :	Horizontal

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : HORIZONTAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 24



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.61	39.40	13.76	33.04	45.73	54.00	-8.27	Average
11650.000	35.59	39.40	13.76	33.04	55.71	68.20	-12.49	Peak
17475.000	21.61	41.72	16.25	30.08	49.50	54.00	-4.50	Average
17475.000	32.46	41.72	16.25	30.08	60.35	68.20	-7.85	Peak

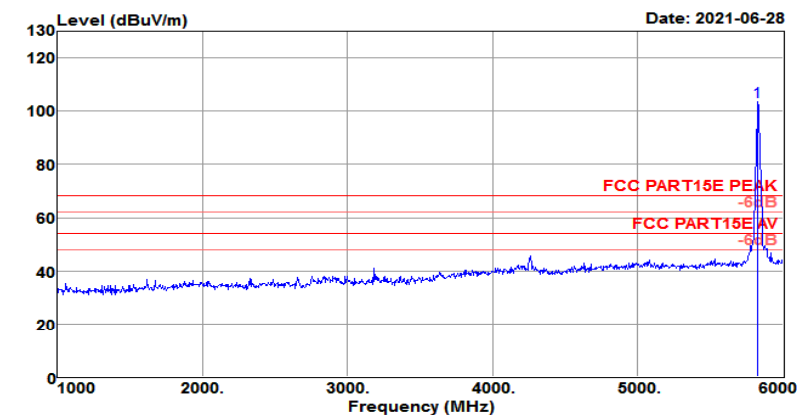
Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	19~23℃
Test Engineer :	Jack Liu	Relative Humidity :	59~62%
Frequency Range	1GHz~6GHz	Polarization :	Vertical

Test Site : 3m Chamber Temp/Humi : 19℃/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH165 (5825MHz) Power rating: DC 3.85V

Data: 108



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	99.58	32.12	6.12	34.31	103.51	68.20	35.31	Peak