ACCREDITED
Certificate # 3939.01

RADIO TEST REPORT

(FCC Part 15 Subpart E / IC RSS-247)

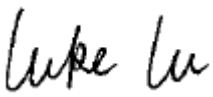
Applicant:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States

Manufacturer:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Product:	Mobile Computer
Brand Name:	Honeywell
Model Name:	CT45-L0N
FCC ID:	HD5-CT45L0N
Date of tests:	2021-06-11 to 2021-07-13

The tests have been carried out according to the requirements of the following standard:

☒ **Part 15 Subpart E §15. 407 / IC RSS-247 issue 2**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department
 Date: Jul. 14, 2021	 Date: Jul. 14, 2021

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2021.07.14	Valid	Original Report

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Summary of Test Result

FCC Rule	IC Rule	Description	Limit	Result	Remark
2.1049 15.403(i)	RSS-247 Section 6	26dB & 99% Bandwidth	-	Pass	U-NII-1 U-NII-2A U-NII-2C
			>500kHz	Pass	U-NII-3
15.407(a)	RSS-247 Section 6	Maximum Conducted Output Power	≤24dBm	Pass	U-NII-1 U-NII-2A U-NII-2C
			≤30dBm	Pass	U-NII-3
15.407(a)	RSS-247 Section 6	Power Spectral Density	≤11dBm/MHz	Pass	U-NII-1 U-NII-2A U-NII-2C
			≤30dBm/500kHz	Pass	U-NII-3
15.407(b)	RSS-247 Section 6	Unwanted Emissions	15.407(b) 15.209(a) RSS-247(6.2) RSS-GEN(8.9 Table 4,Table 5 and Table 6	Pass	Under limit 3.02 dB at 17235 MHz
15.207	RSS-Gen 8.8	AC Conducted Emission	15.207(a) RSS-Gen(8.8 Table 3)	Pass	Under limit 17.16 dB at 0.497 MHz
15.407(g)	RSS-Gen 6.11	Frequency Stability	Within Operation Band	Pass	
15.407(c)	RSS-247 6.4(a)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	
15.203 & 15.407(a)	RSS-Gen 6.7 RSS-Gen 8.3	Antenna Requirement	N/A	Pass	

1 General Description

1.1 Applicant

Honeywell International Inc
Honeywell Safety and Productivity Solutions
9680 Old Bailes Road, Fort Mill, SC 29707 United States

1.2 Manufacturer

Honeywell International Inc
Honeywell Safety and Productivity Solutions
9680 Old Bailes Road, Fort Mill, SC 29707 United States

1.3 General Description Of EUT

Product	Mobile Computer
Model No.	CT45-L0N
Additional No.	N/A
Difference Description	N/A
HW Version	V1.0
SW Version	OS.11.001
Power Supply	3.85Vdc for EUT
Modulation Technology	256QAM,64QAM, 16QAM, QPSK, BPSK for OFDM
Modulation Type	802.11a/n/ac : OFDM
Operating Frequency	U-NII-1:5150~5250MHz U-NII-2A:5250~5350MHz U-NII-2C:5470~5725MHz U-NII-3:5725~5850MHz
Max. Output Power	802.11a : 19.17 dBm (0.0826 W) 802.11n HT20 SISO: 18.15 dBm (0.0653 W) 802.11n HT40 SISO: 18.56 dBm (0.0718 W) 802.11ac VHT20 SISO : 18.19 dBm (0.0659 W) 802.11ac VHT40 SISO: 17.84 dBm (0.0608 W) 802.11ac VHT80 SISO: 16.58 dBm (0.0455 W)
Antenna Type	LDS type Antenna
Antenna Gain (dBi)	1.1dBi Gainat U-NII-1 1.3dBi Gainat U-NII-2A 1.5dBi Gainat U-NII-2C 1.3dBi Gainat U-NII-3
I/O Ports	Refer to user's manual

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

1.4 Modification of EUT

No modifications are made to the EUT during all test items.

1.5 Applicable Standards and lab information

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E §15.407
- ANSI C63.10-2013
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- IC RSS-247 Issue 2
  IC RSS-Gen Issue 5

Remark:

1. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
2. The FCC Site Registration No. is 525120; The Designation No. is CN1171.
3. The IC test Site Registration No. is 21771-1; The CAB Identifier No. is CN0007

2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency and Channel

U-NII-1

Channel	Frequency	Channel	Frequency
36	5180 MHz	46	5230 MHz
38	5190 MHz	48	5240 MHz
40	5200 MHz		
42	5210 MHz		

U-NII-2A

Channel	Frequency	Channel	Frequency
52	5260 MHz	62	5310 MHz
54	5270 MHz	64	5320 MHz
56	5280 MHz		
58	5290 MHz		

U-NII-2C

Channel	Frequency	Channel	Frequency
100	5500 MHz	134	5670 MHz
102	5510 MHz	138	5690 MHz
106	5530 MHz	140	5700 MHz
110	5550 MHz	142	5710 MHz
116	5580 MHz	144	5720 MHz
122	5610 MHz		

TDWR

Channel	Frequency	Channel	Frequency
118	5590 MHz	124	5620 MHz
120	5600 MHz	126	5630 MHz
122	5610 MHz	128	5640 MHz

U-NII-3

Channel	Frequency	Channel	Frequency
149	5745 MHz	159	5795 MHz
151	5755 MHz	165	5825 MHz
155	5775 MHz		
157	5785 MHz		

2.2 Test Mode

Based on the baseline scan, the worst‐case data rates were:

802.11a mode: 6 Mbps

802.11n HT20 mode: MCS0

802.11n HT40 mode: MCS0

802.11ac VHT20 mode: MCS0

802.11ac VHT40 mode: MCS0

802.11ac VHT80 mode: MCS0

2.2.1 Antenna Port Conducted Measurement

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-1	Mode 1: CH36 Mode 2: CH40 Mode 3: CH48	Mode 1: CH36 Mode 2: CH40 Mode 3: CH48	Mode 1: CH38 Mode 2: CH46 Mode 3: -	Mode 1: CH42 Mode 2: - Mode 3: -

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-2A	Mode 1: CH52 Mode 2: CH56 Mode 3: CH64	Mode 1: CH52 Mode 2: CH56 Mode 3: CH64	Mode 1: CH54 Mode 2: CH62 Mode 3: -	Mode 1: CH58 Mode 2: - Mode 3: -

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-2C	Mode 1: CH100 Mode 2: CH116 Mode 3: CH140 Mode 4: CH144	Mode 1: CH100 Mode 2: CH116 Mode 3: CH140 Mode 4: CH144	Mode 1: CH102 Mode 2: CH110 Mode 3: CH134 Mode 4: CH142	Mode 1: CH106 Mode 2: CH138 Mode 3: -

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-3	Mode 1: CH149 Mode 2: CH157 Mode 3: CH165	Mode 1: CH149 Mode 2: CH157 Mode 3: CH165	Mode 1: CH151 Mode 2: CH159	Mode 1: CH155 Mode 2: - Mode 3: -

2.2.2 Radiated Emission Test (Below 1GHz)

Radiated Test Cases	802.11n HT40
	Mode 1: CH62

Note : 1. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type. It was determined that Y orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Y orientation.

2. Following channel(s) was (were) selected for the final test as listed above

2.2.3 Radiated Bandedge and Radiated Emission Test (Above 1GHz)

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20 SISO	802.11n HT40/ 802.11ac VHT40 SISO	802.11ac VHT80 SISO
U-NII-1 & U-NII-2A	Mode 1: CH36 Mode 2: CH48 Mode 3: CH64	Mode 1: CH36 Mode 2: CH48 Mode 3: CH64	Mode 1: CH38 Mode 2: CH46 Mode 3: CH62	Mode 1: CH42 Mode 2: CH58

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-2C	Mode 1: CH100 Mode 2: CH116 Mode 3: CH140 Mode 4: CH144	Mode 1: CH100 Mode 2: CH116 Mode 3: CH140 Mode 4: CH144	Mode 1: CH102 Mode 2: CH110 Mode 3: CH134 Mode 4: CH142	Mode 1: CH106 Mode 2: CH122 Mode 3: CH138

Summary table of Test Cases				
Test Item	Modulation			
	802.11 a	802.11n HT20/ 802.11ac VHT20	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-3	Mode 1: CH149 Mode 2: CH157 Mode 3: CH165	Mode 1: CH149 Mode 2: CH157 Mode 3: CH165	Mode 1: CH151 Mode 2: CH159	Mode 1: CH155 Mode 2: - Mode 3: -

Note : 1. The power under SISO is greater than the power under SISO, so the radiated spurious test under SISO

2. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type. It was determined that Y orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in Y orientation.

3. Following channel(s) was (were) selected for the final test as listed above

4. For frequency above 18GHz, the measured value is much lower than the limit, therefore, it is not reflected in the report.

2.2.4 Power Line Conducted Emission Test:

AC Conducted Emission	Mode 1 : RLAN Linking + Earphone + Adapter

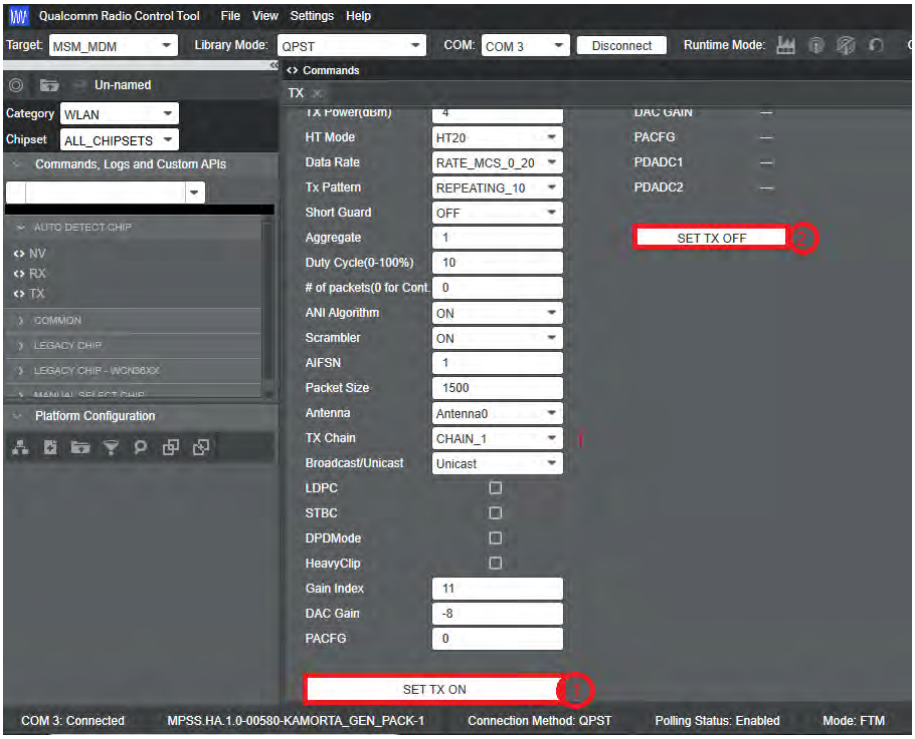
2.3 Support Equipment

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	NETGARE	R7800	PY315100319	N/A	unshielded AC I/P cable1.2 m
2.	Notebook	Lenovo	E470C	FCC sDoC	N/A	shielded cable DC O/P 1.8 m unshielded AC I/P cable1.2 m
3.	Earphone	Honeywell	PTE-300N	FCC sDoC	N/A	N/A
4.	Adapter	Honeywell	ADS-12B-06 05010E	FCC sDoC	N/A	N/A

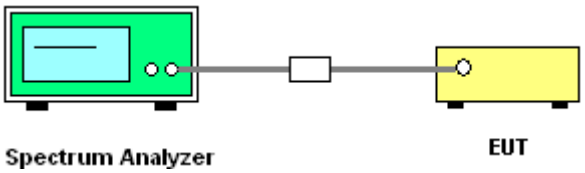
2.4 Test Setup

EUT was set in the Hidden menu mode to enable RLAN communications.

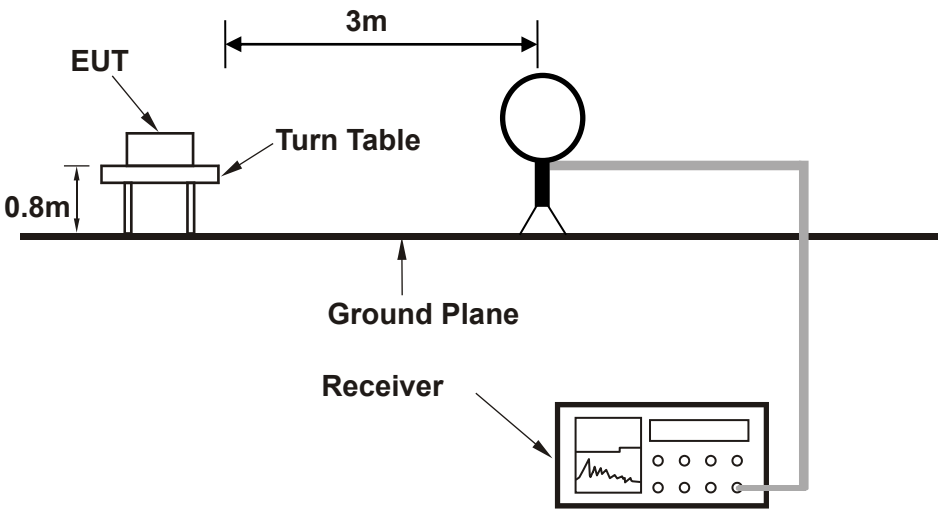
The following picture is a screenshot of the test software



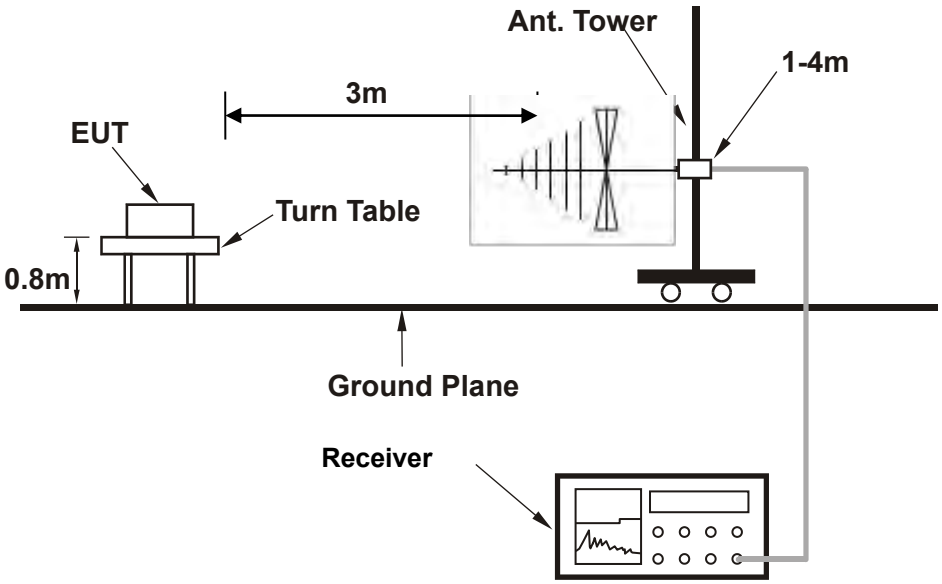
Setup diagram for Conducted Test



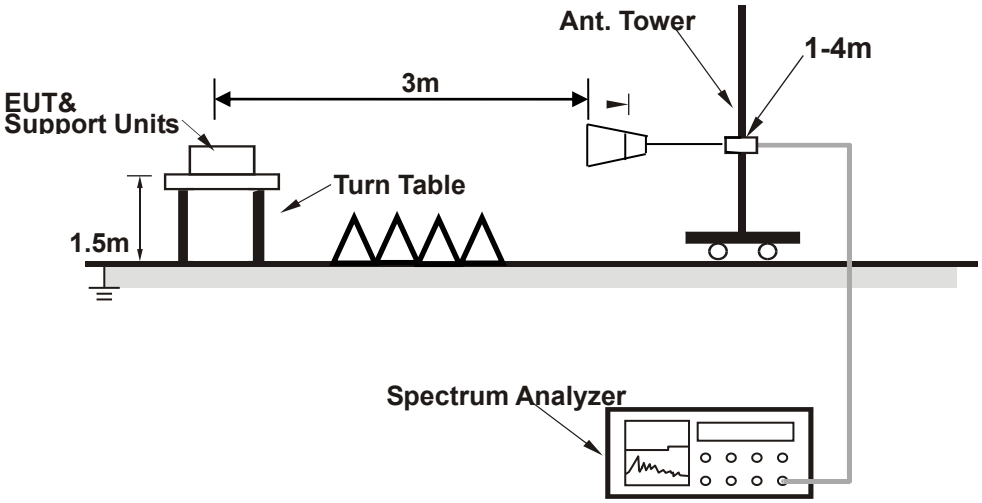
Setup diagram for Radiation(9KHz~30MHz) Test



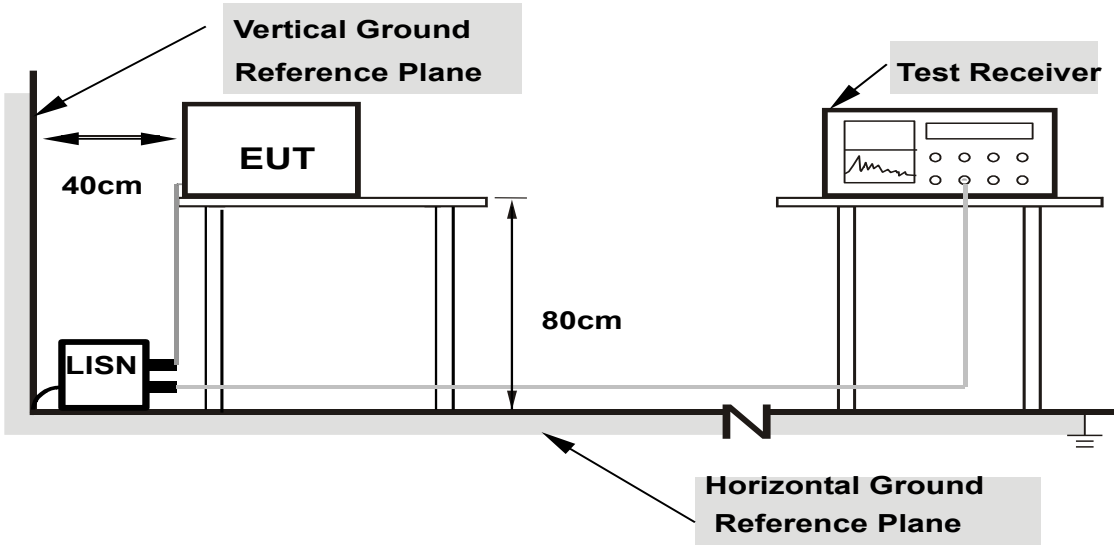
Setup diagram for Radiation(Below 1G) Test



Setup diagram for Radiation(Above1G) Test



Setup diagram for AC Conducted Emission Test



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

2.5 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example:
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.
Following shows an offset computation example with cable loss 5 dB and 10dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).
= 5 + 10 = 15 (dB)

For all radiated test items:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
Over Limit (dB μ V/m) = Level(dB μ V/m) - Limit Level (dB μ V/m)

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 ≥ 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

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

IC

Operztion 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. User 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 Part15.205.

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 outsideof 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.

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

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

3.4.2 Test Procedures

1. 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

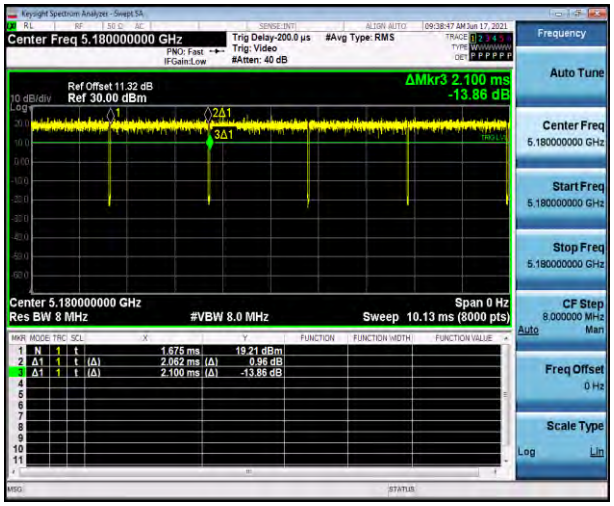
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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

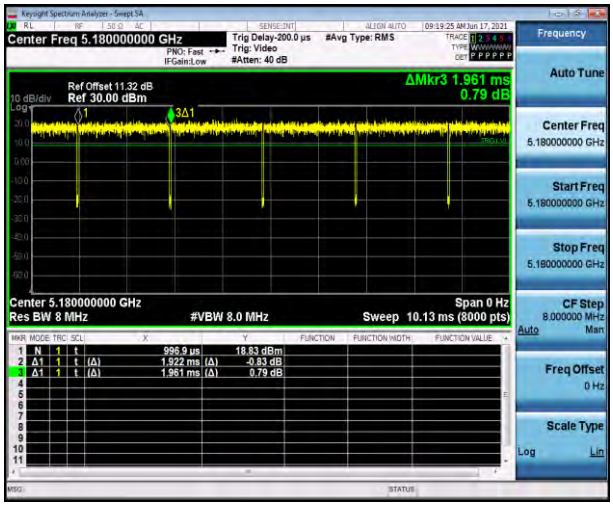
maximum power control level for the tested mode of operation.

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.

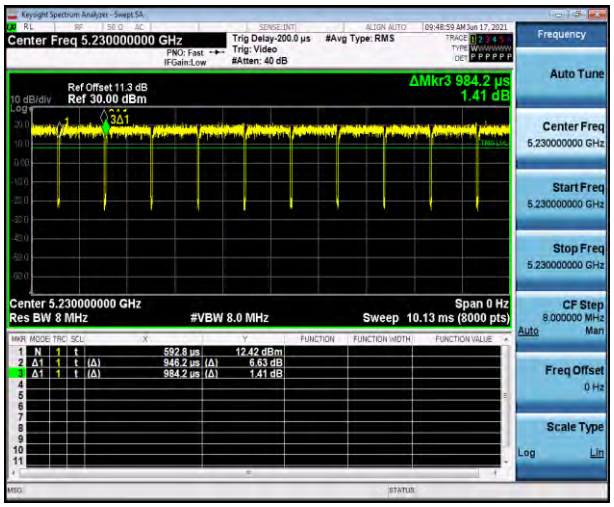
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	98.10	-		10Hz
802.11n HT20	97.96	1.92	0.52	1kHz
802.11n HT40	96.94	0.95	1.05	3kHz
802.11ac HT20	97.97	1.93	0.52	1kHz
802.11ac HT40	95.96	0.95	1.05	3kHz
802.11ac HT80	92	0.46	2.17	3kHz



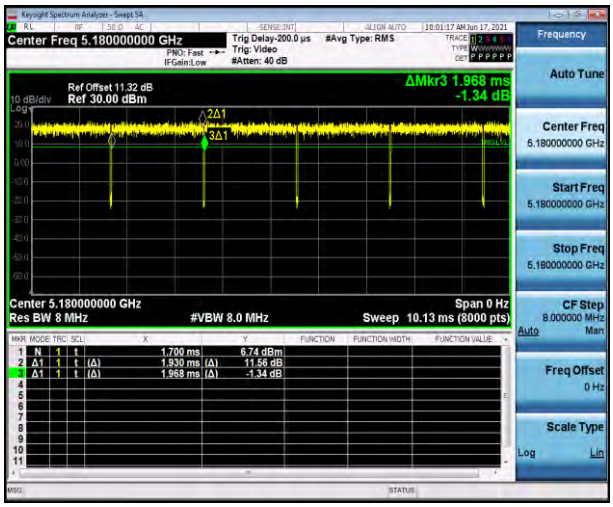
802.11a



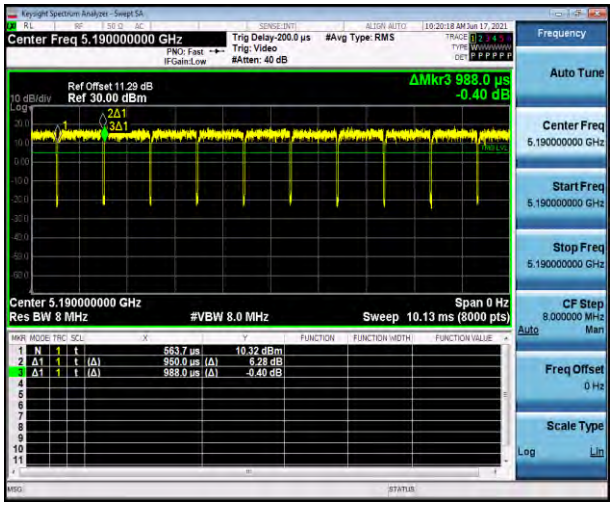
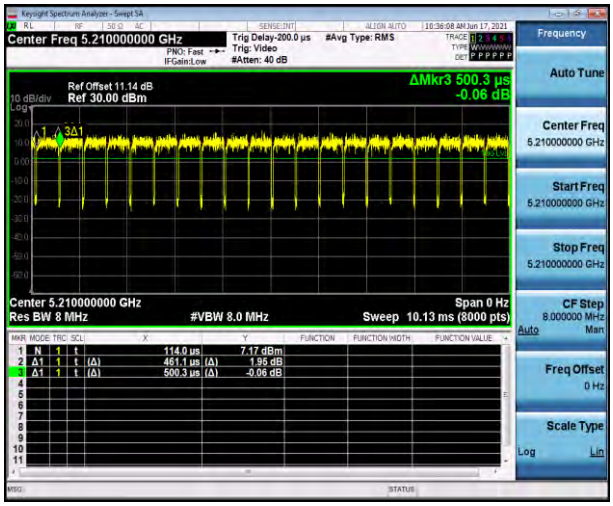
802.11ac HT20



802.11ac HT40



802.11ac VHT20

	
802.11ac VHT40	802.11ac VHT80

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

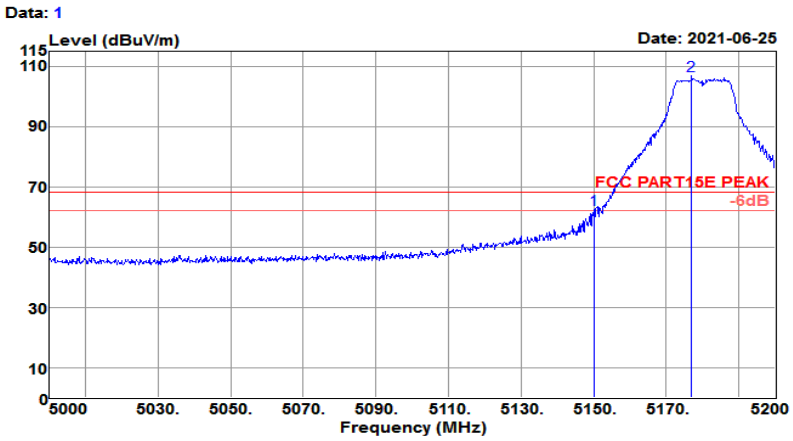
3.4.3 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

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%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Horizontal

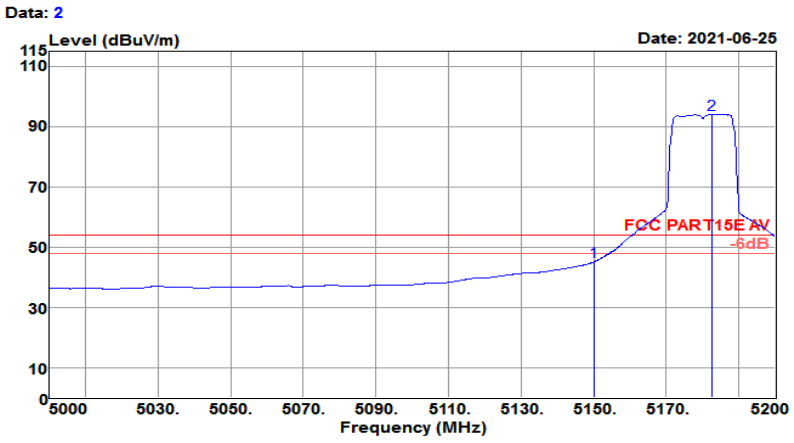
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 3.85V
```



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%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Horizontal

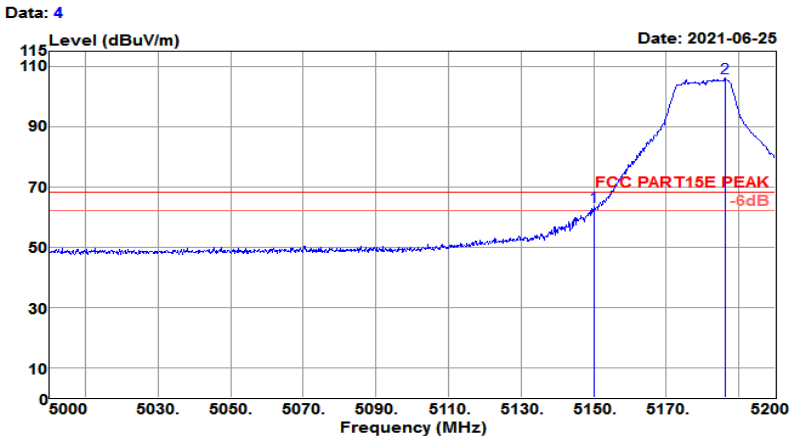
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Vertical

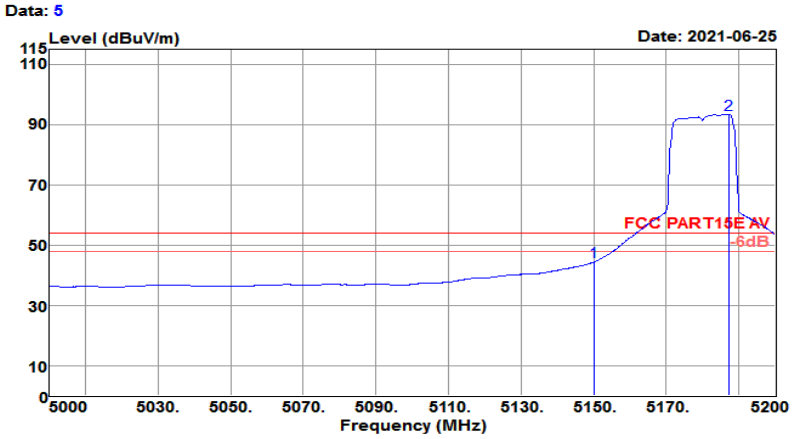
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a 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%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Vertical

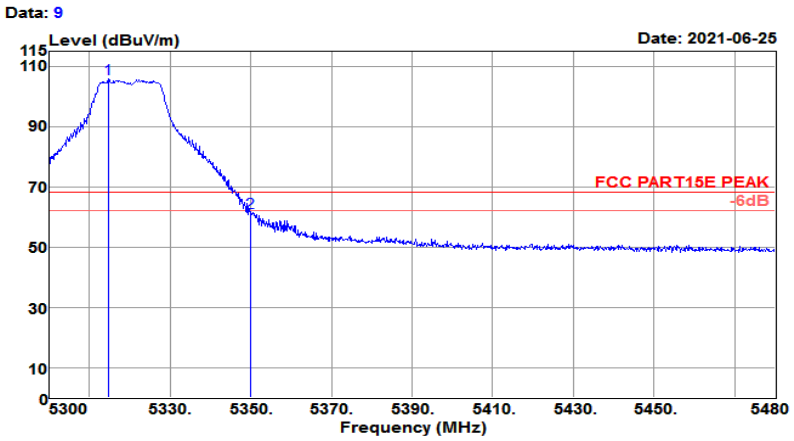
Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

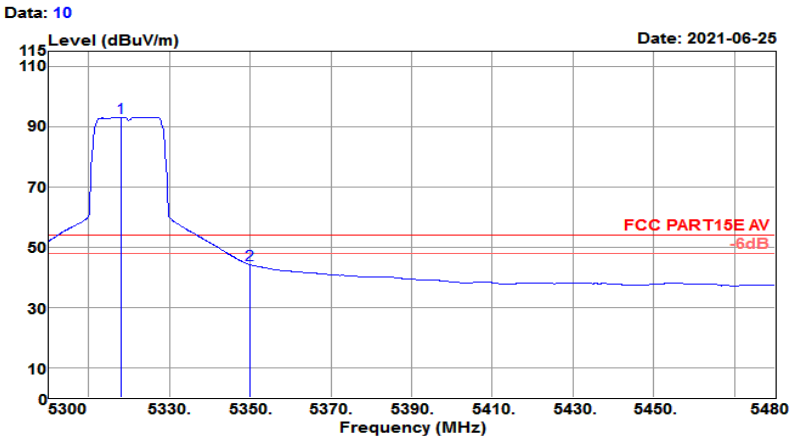
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a 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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

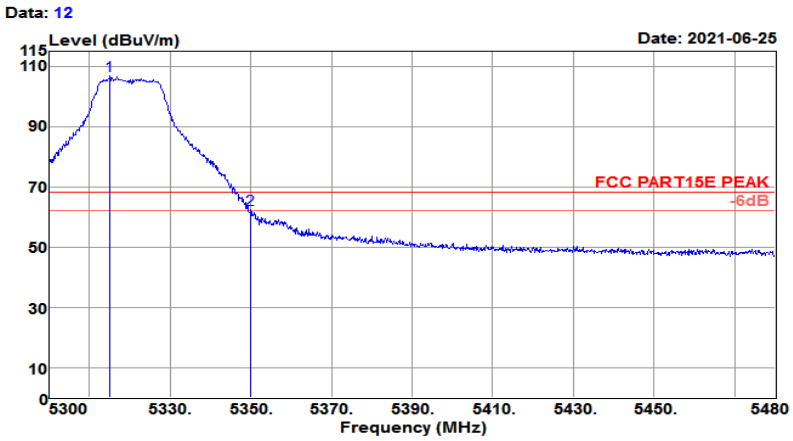
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH64 (5320MHz)    Power rating: DC 3.85V
```



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
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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

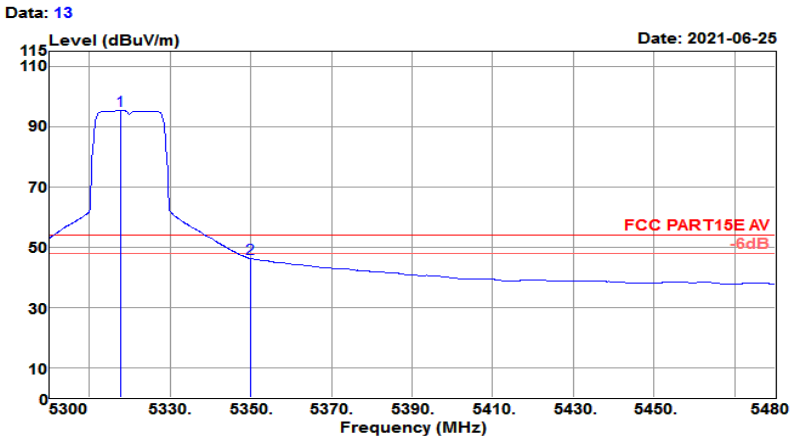
```
Test Site    : 3m Chamber                Temp/Humi    : 21℃/60%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

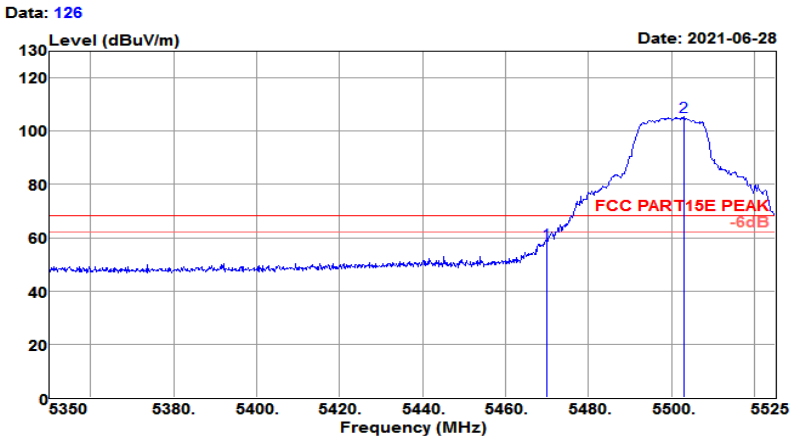
Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH64 (5320MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

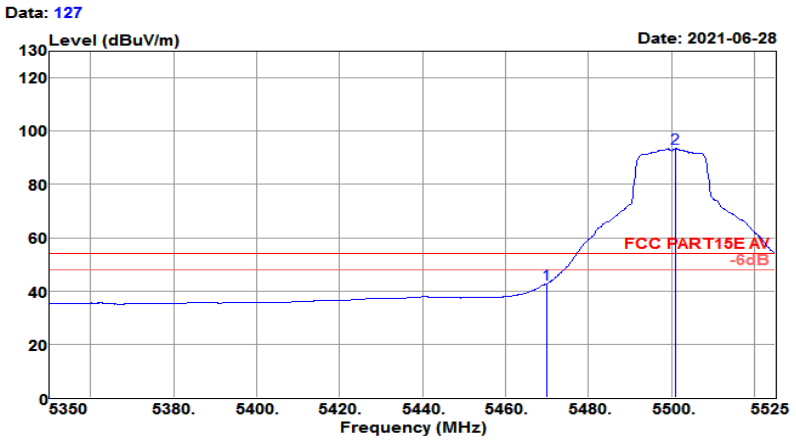
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                --------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------                --------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

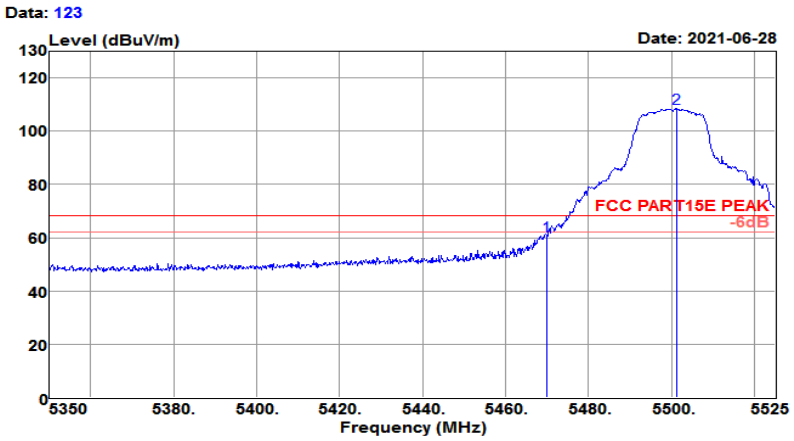
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Vertical

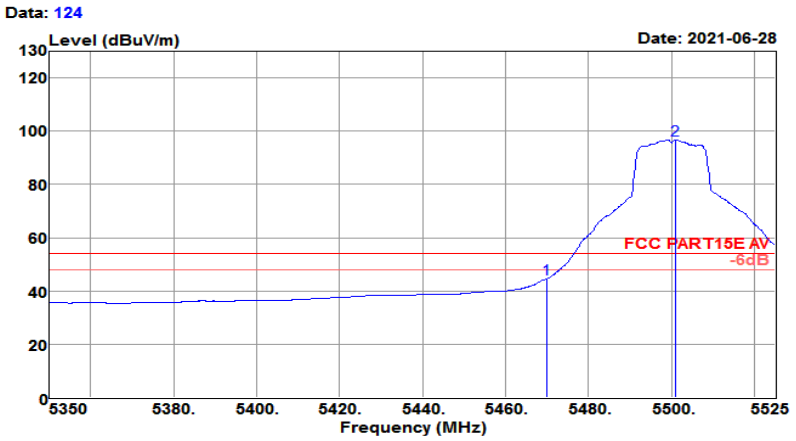
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Vertical

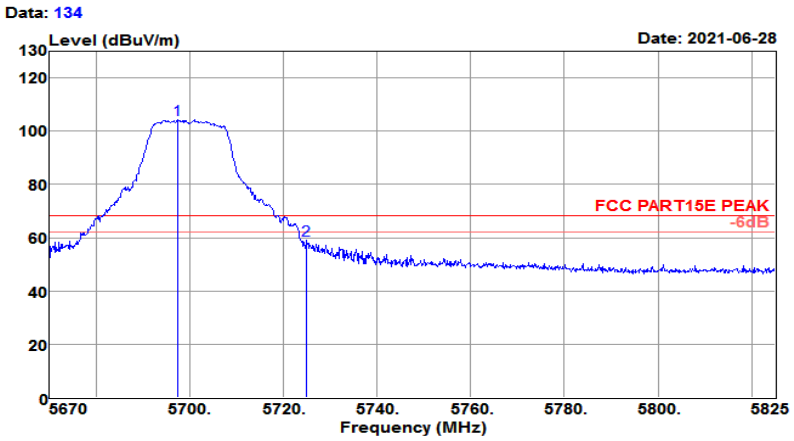
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Horizontal

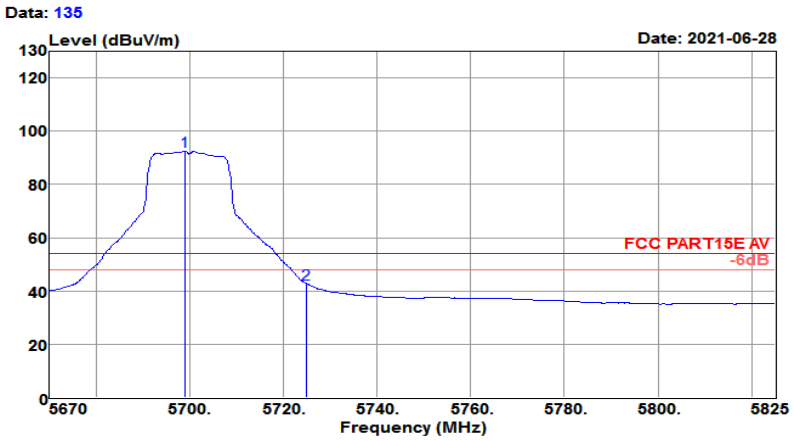
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Horizontal

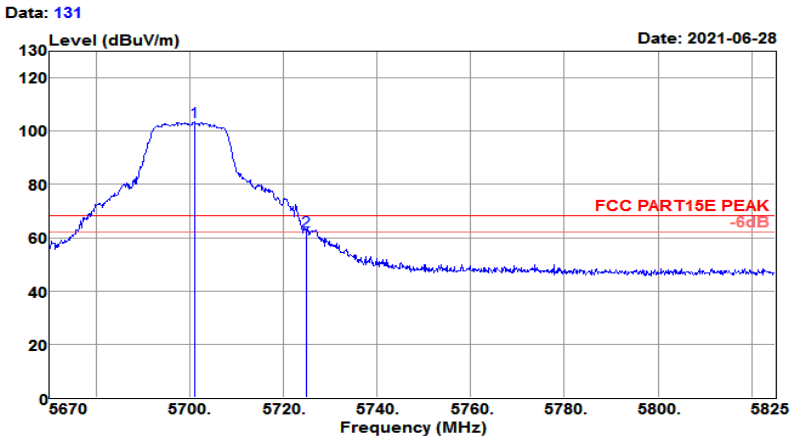
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Vertical

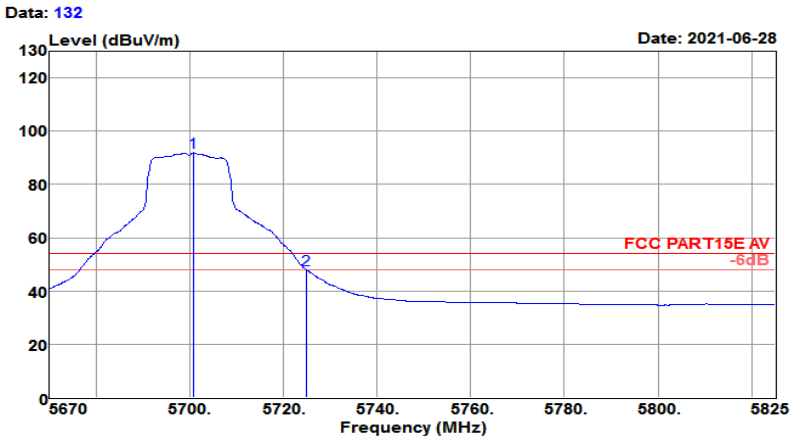
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/59%
               --------------------------                -----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------                -----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Vertical

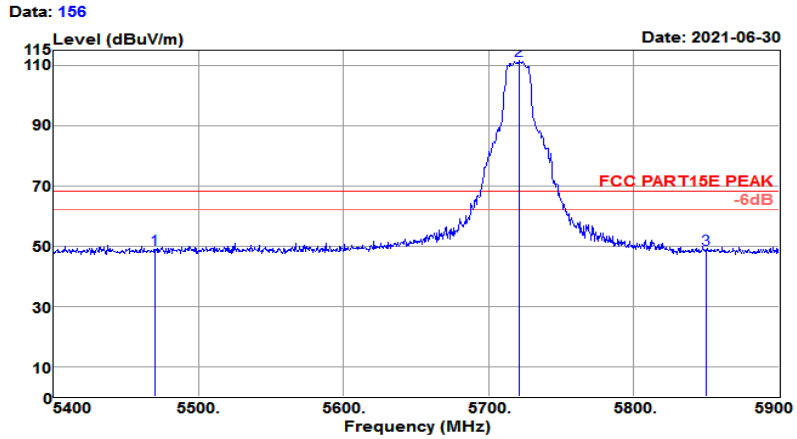
Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH140 (5700MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

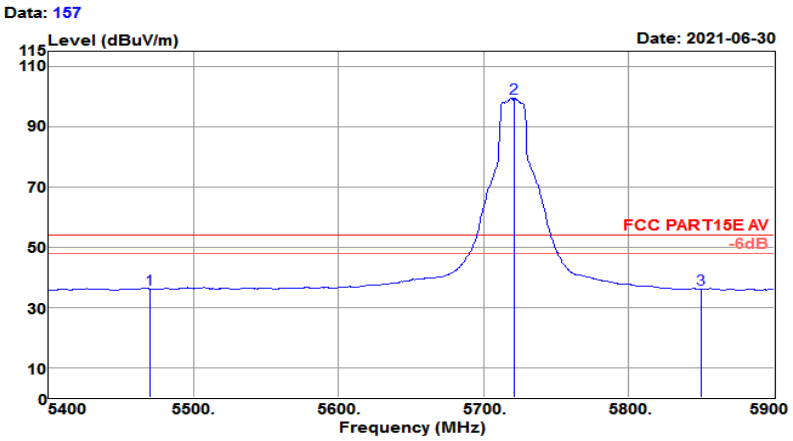
```
Test Site    : 3m Chamber                  Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

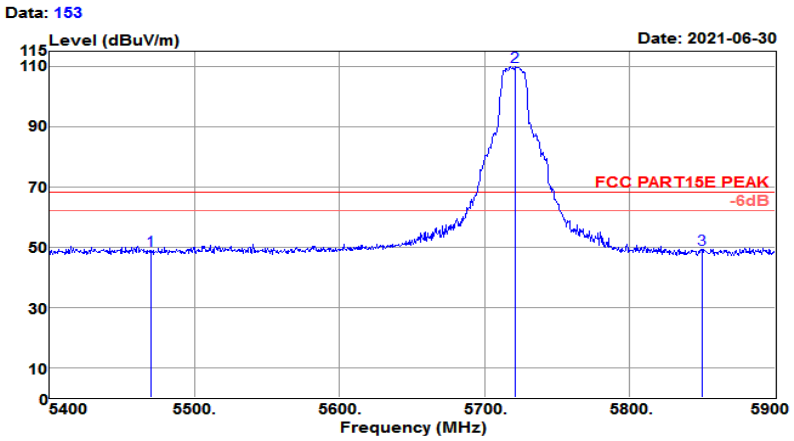
```
Test Site    : 3m Chamber                Temp/Humi    : 22℃/61%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH144 (5720MHz)   Power rating: DC 3.85V
```



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

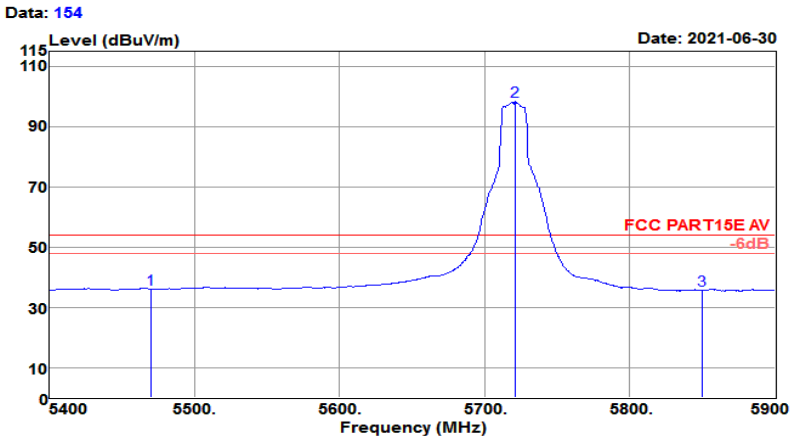
```
Test Site    : 3m Chamber                Temp/Humi    : 22℃/61%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

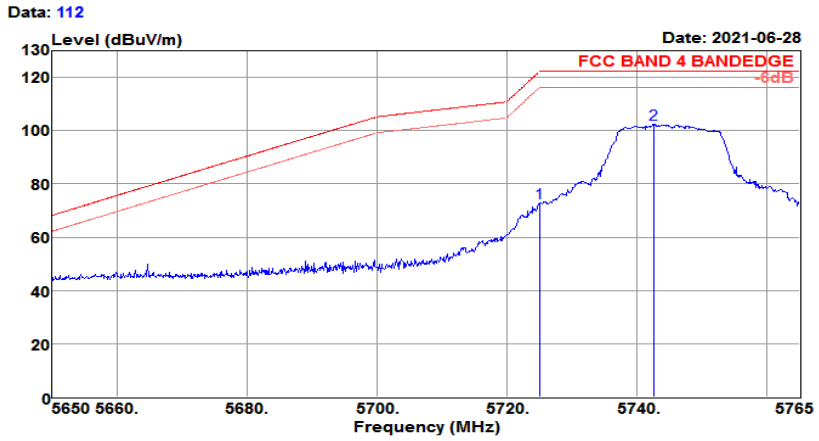
```
Test Site    : 3m Chamber                Temp/Humi    : 22℃/61%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11a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



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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

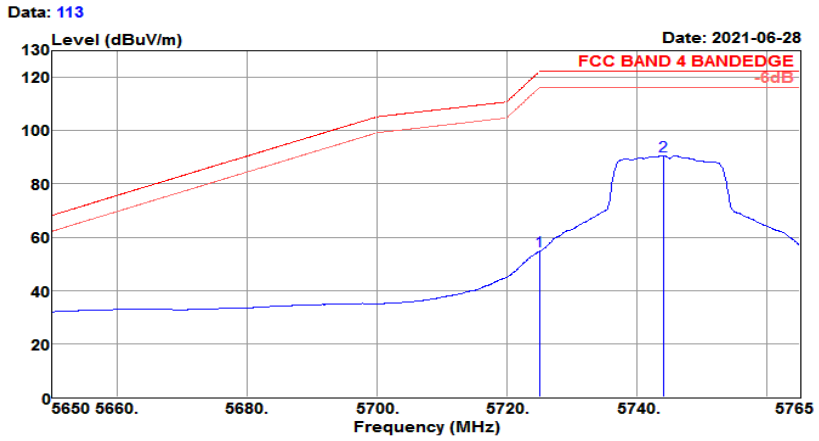
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------------                -----------------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------------                -----------------
Model No.    : CT45-L0N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



Freq	Reading level	Antenna factor	Cable loss	level	Limit level	Over limit	Remark
MHz	dBuV	dBs/m	dB	dBuA/m	dBuA/m	dB	
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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

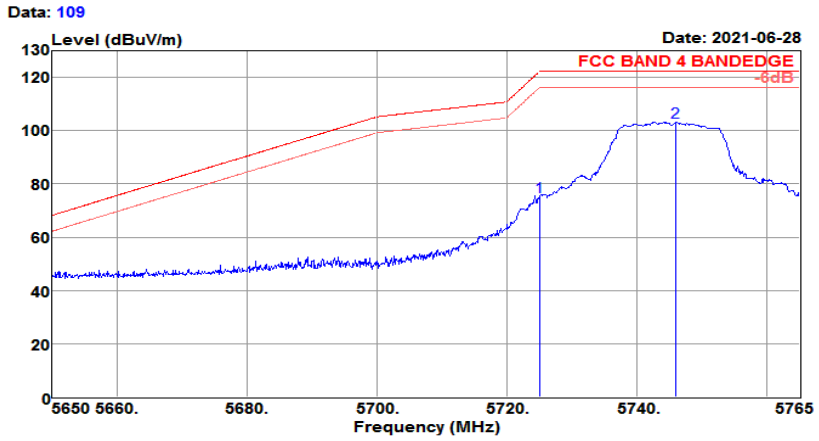
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------                     ----------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------                     ----------
Model No.    : CT45-L0N           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



Freq	Reading level	Antenna factor	Cable loss	level	Limit level	Over limit	Remark
MHz	dBuV	dBs/m	dB	dBuA/m	dBuA/m	dB	
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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Vertical

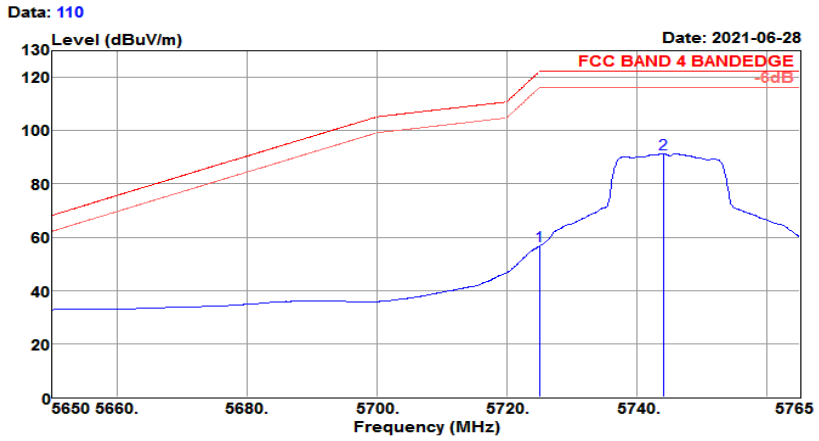
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------------                ----------------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------------                ----------------
Model No.    : CT45-L0N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



Freq	Reading level	Antenna factor	Cable loss	level	Limit level	Over limit	Remark
MHz	dBuV	dBs/m	dB	dBuA/m	dBuA/m	dB	
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%
Frequencey Range	5.6GHz~5.85GHz	Polarization :	Vertical

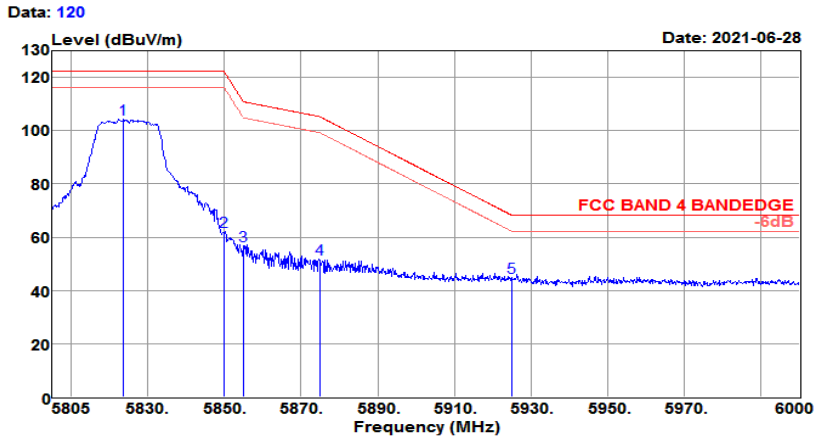
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------------                ----------------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------------                ----------------
Model No.    : CT45-L0N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



Freq	Reading level	Antenna factor	Cable loss	level	Limit level	Over limit	Remark
MHz	dBuV	dBs/m	dB	dBuA/m	dBuA/m	dB	
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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

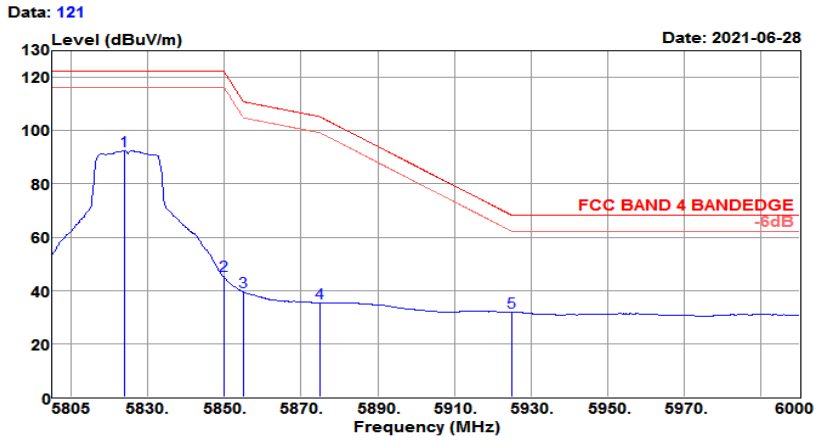
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------                     ----------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------                     ----------
Model No.    : CT45-L0N                  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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

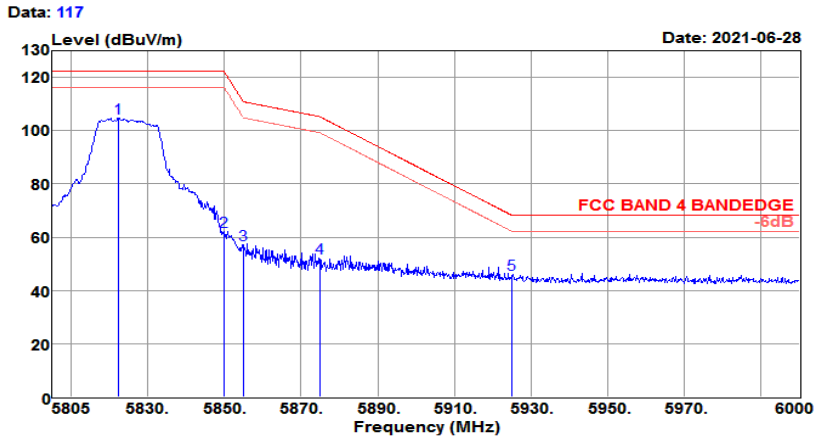
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               -------------------------                -----------------
Tested by    : Jack                      Power rating: DC 3.85V
               -------------------------                -----------------
Model No.    : CT45-L0N                  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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

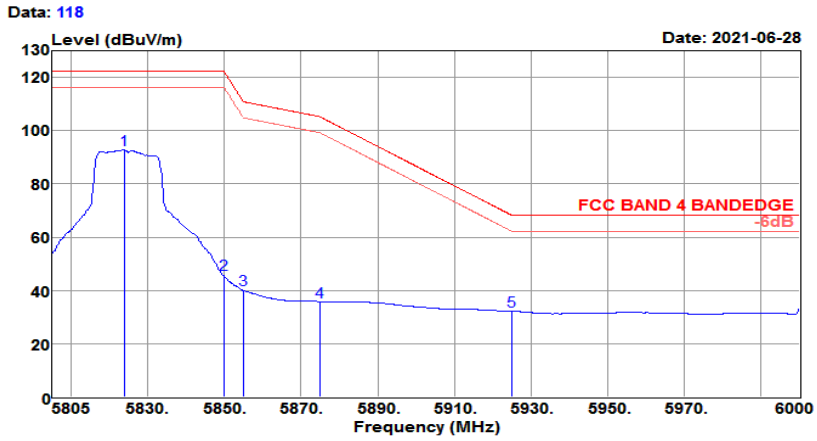
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------------                -----------------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------------                -----------------
Model No.    : CT45-L0N                  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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

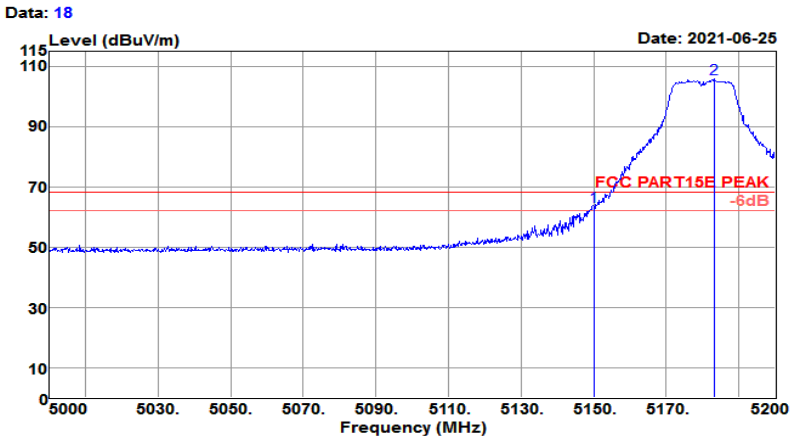
```
Test Site    : 3m Chamber                Temp/Humi    : 19℃/60%
               --------------------------                ----------------
Tested by    : Jack                      Power rating: DC 3.85V
               --------------------------                ----------------
Model No.    : CT45-L0N                  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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Horizontal

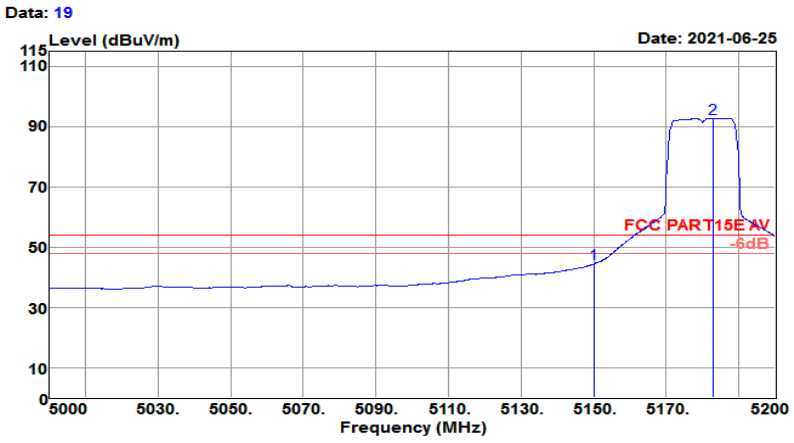
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Horizontal

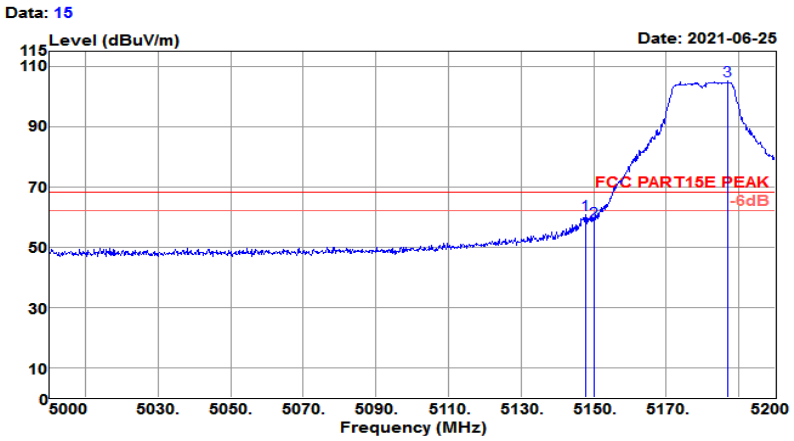
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Vertical

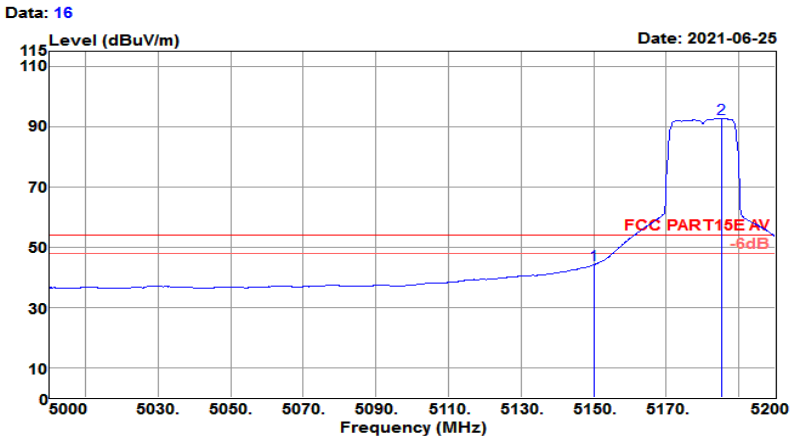
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Vertical

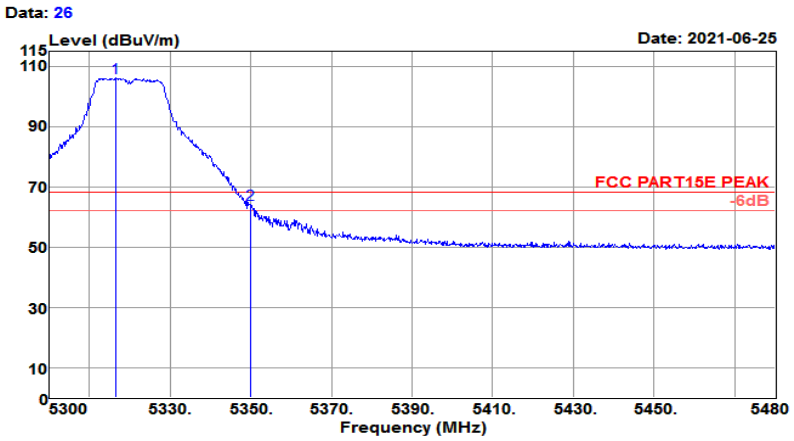
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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
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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

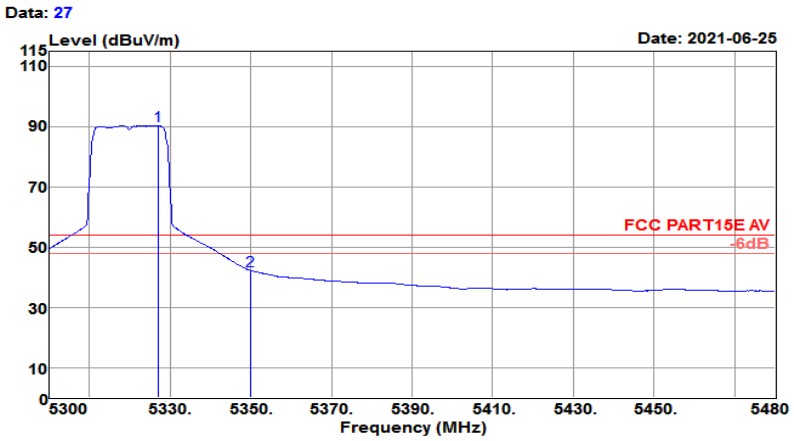
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

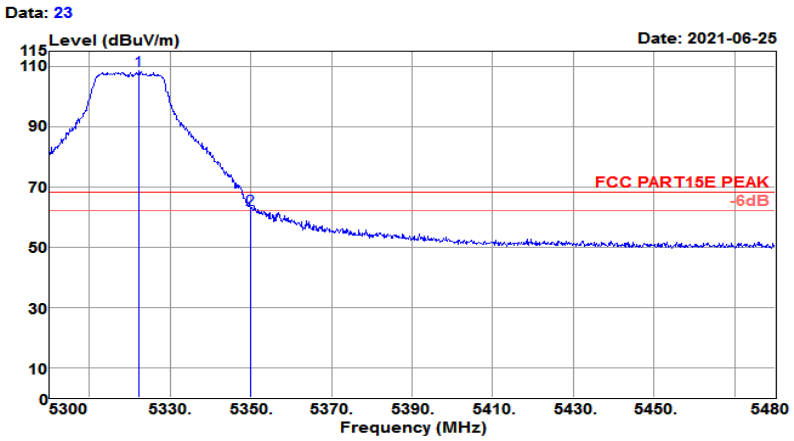
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

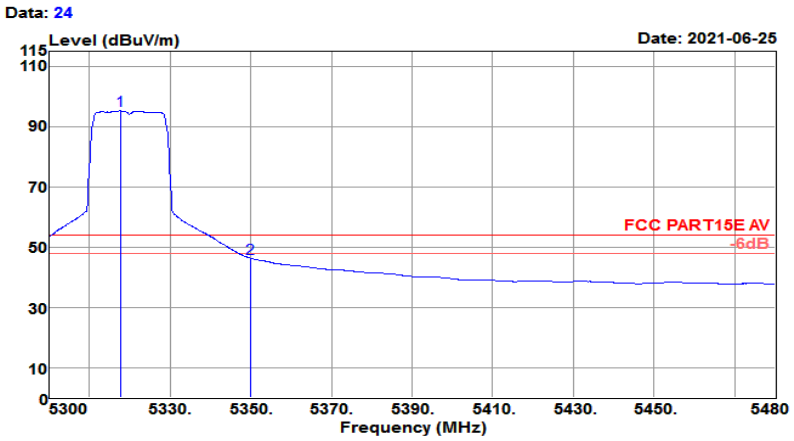
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

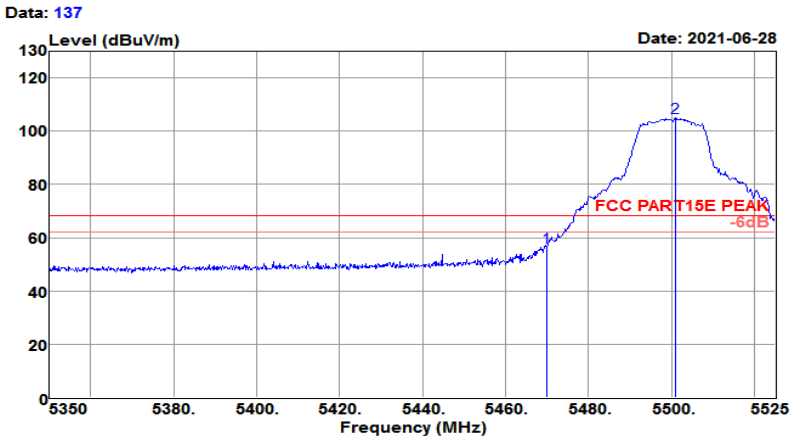
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

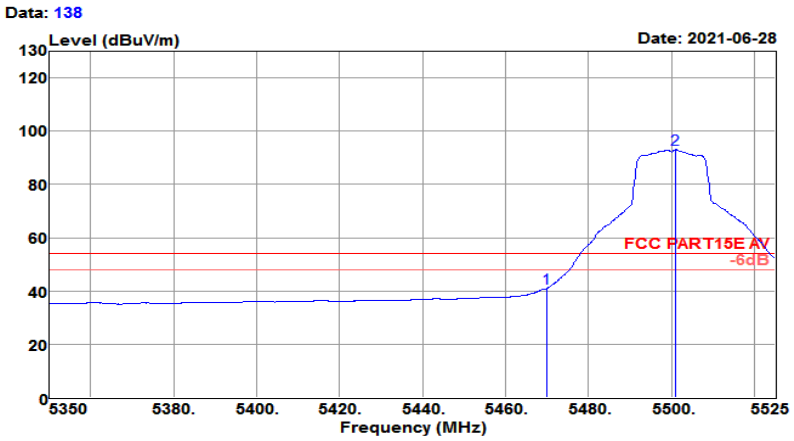
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

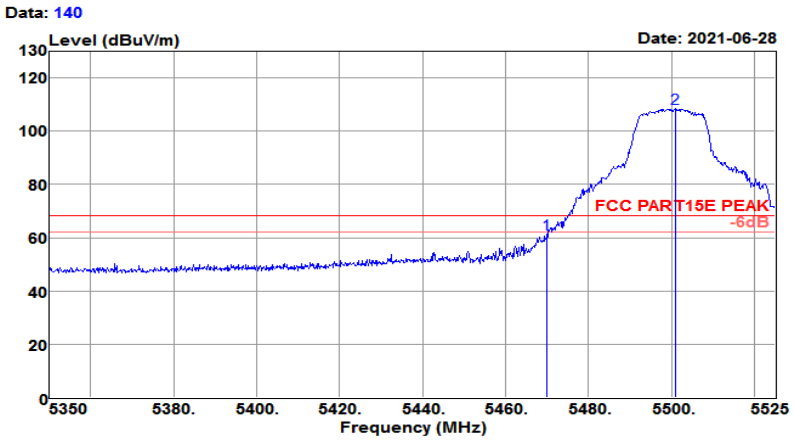
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Vertical

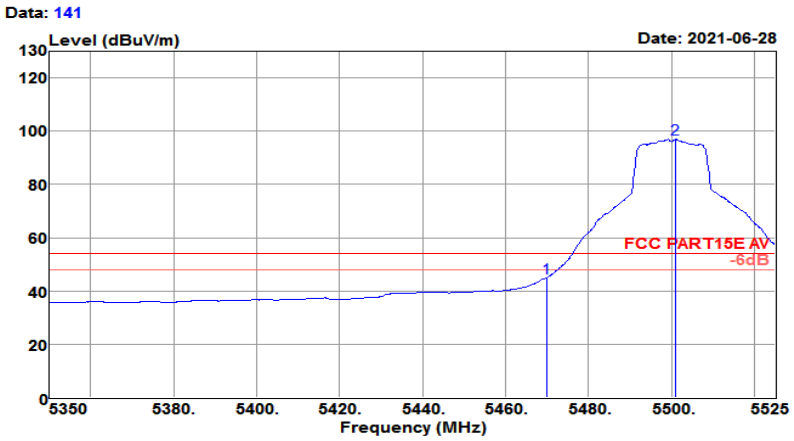
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.51GHz	Polarization :	Vertical

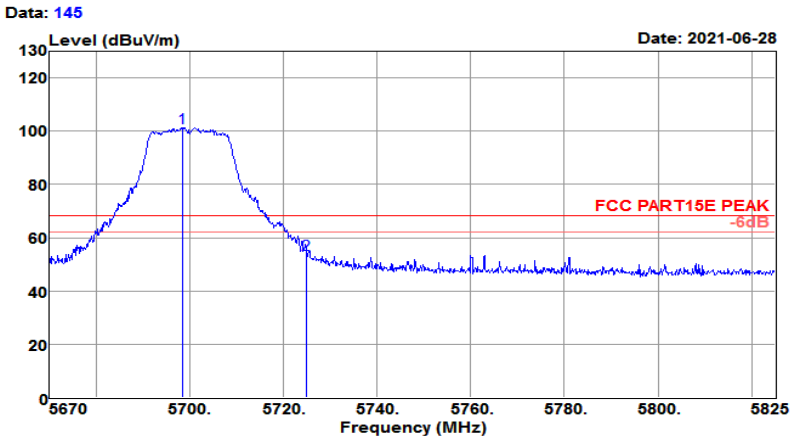
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.670GHz~5.825GHz	Polarization :	Horizontal

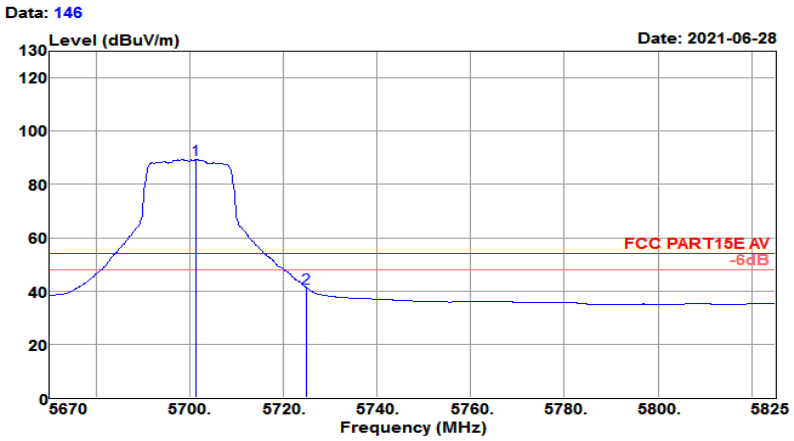
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.670GHz~5.825GHz	Polarization :	Horizontal

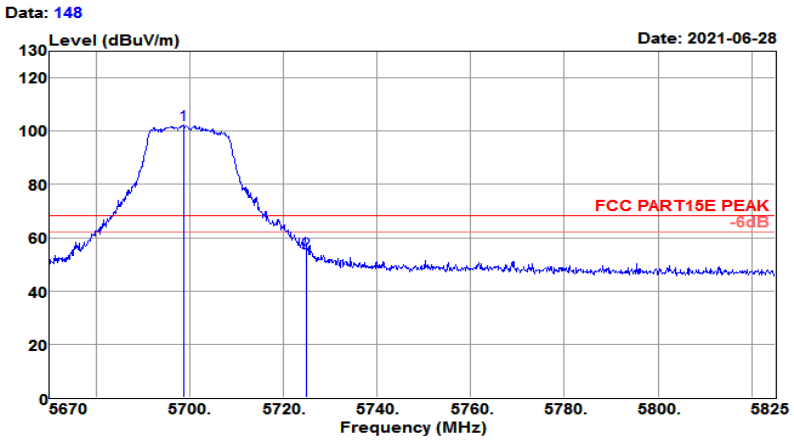
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.670GHz~5.825GHz	Polarization :	Vertical

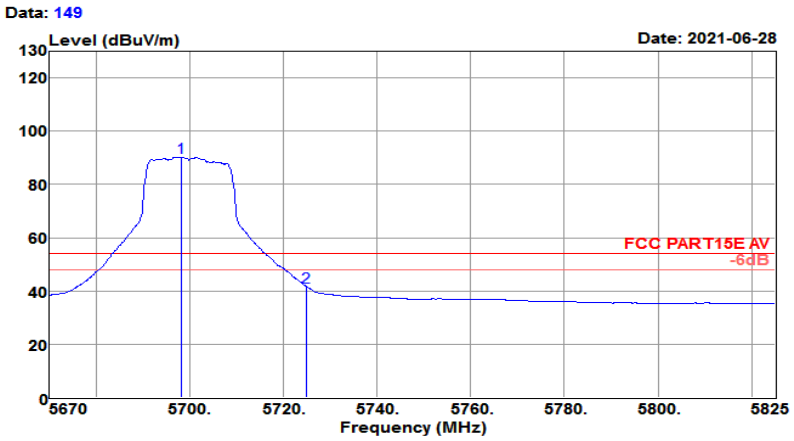
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Vertical

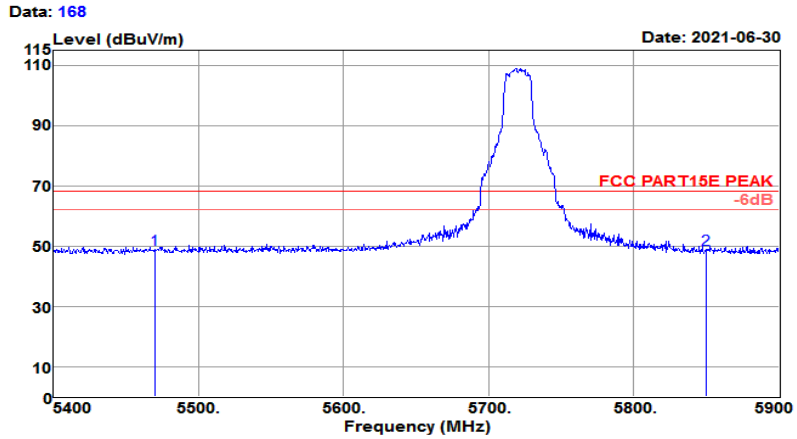
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

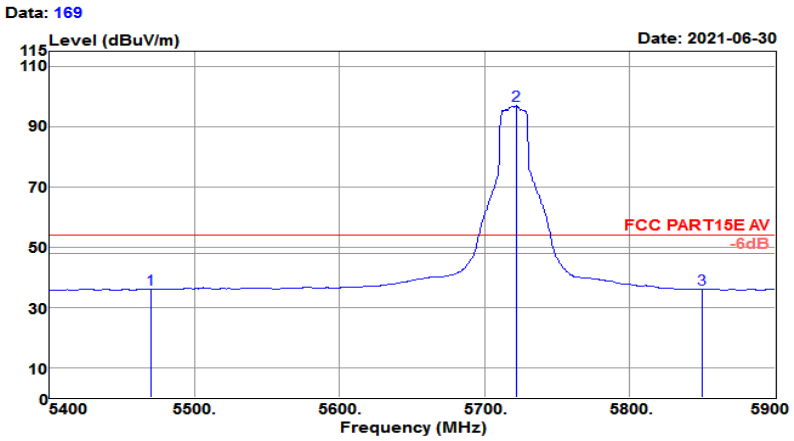
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

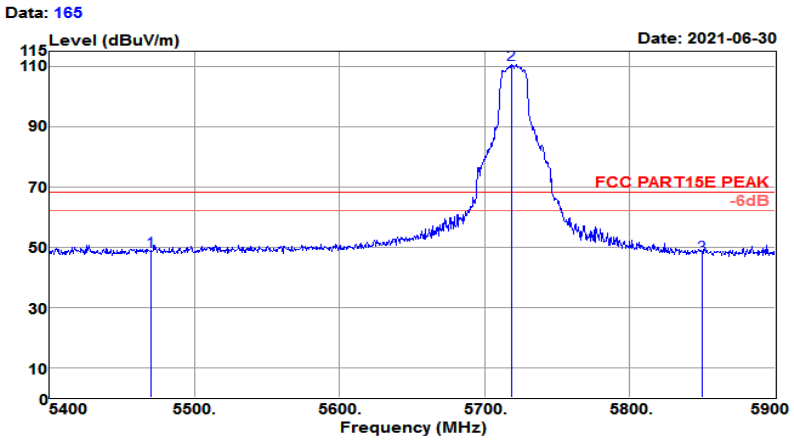
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

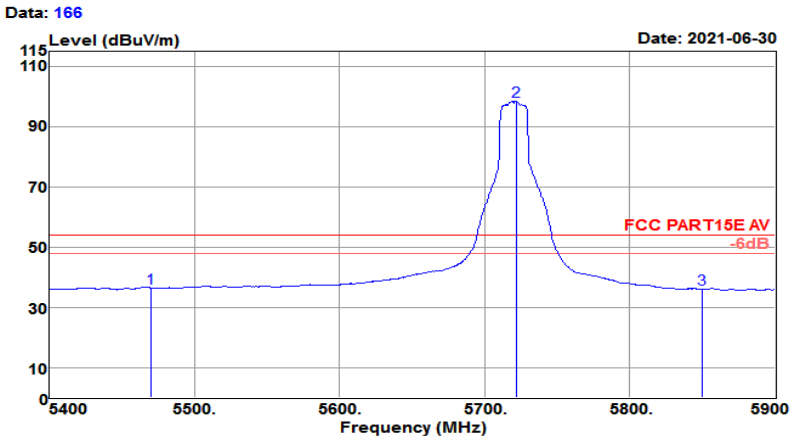
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

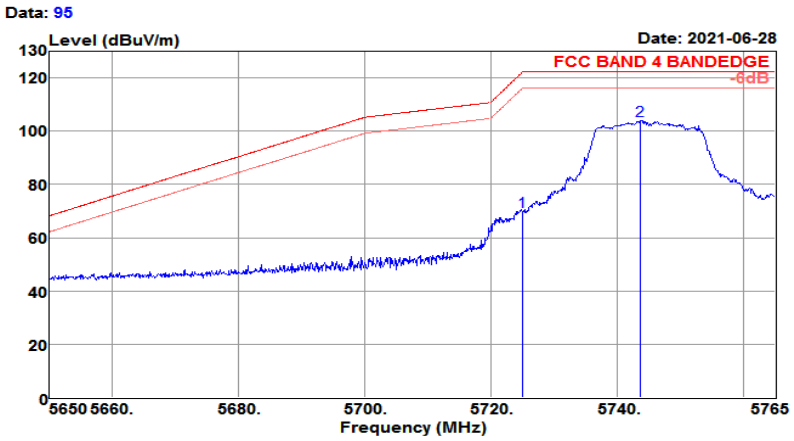
```
Test Site    : 3m Chamber                  Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

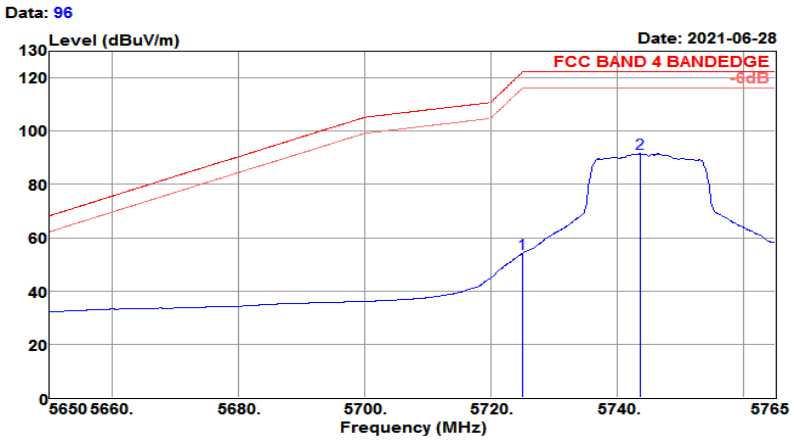
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               ---------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               ---------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

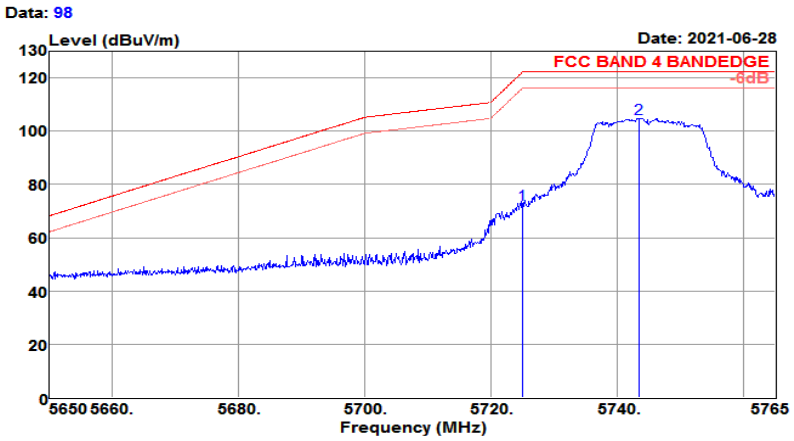
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Vertical

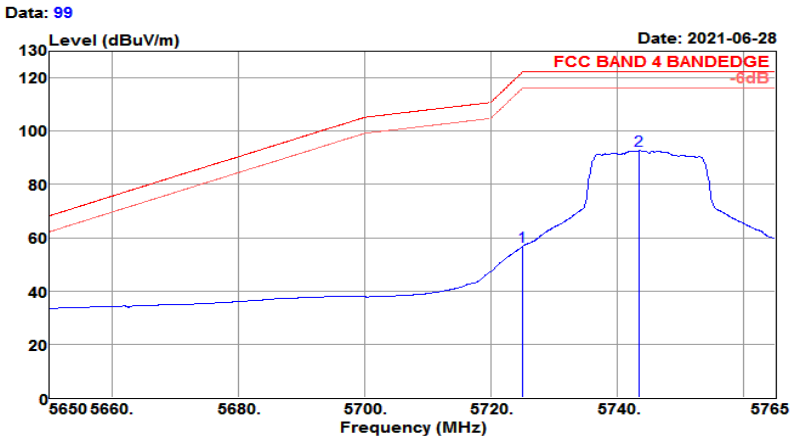
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Vertical

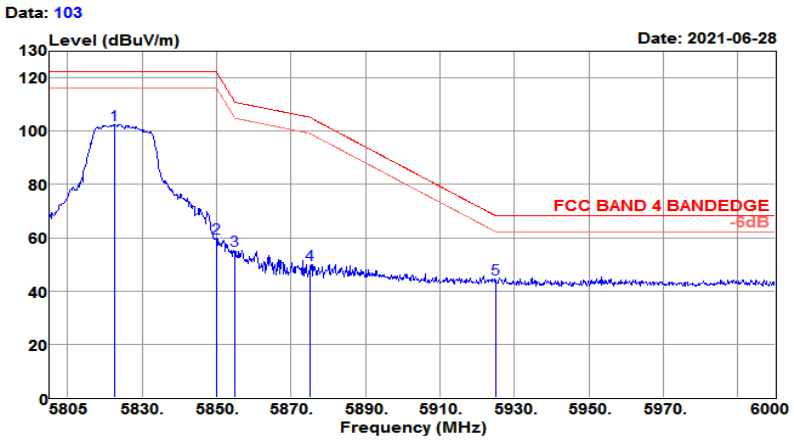
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

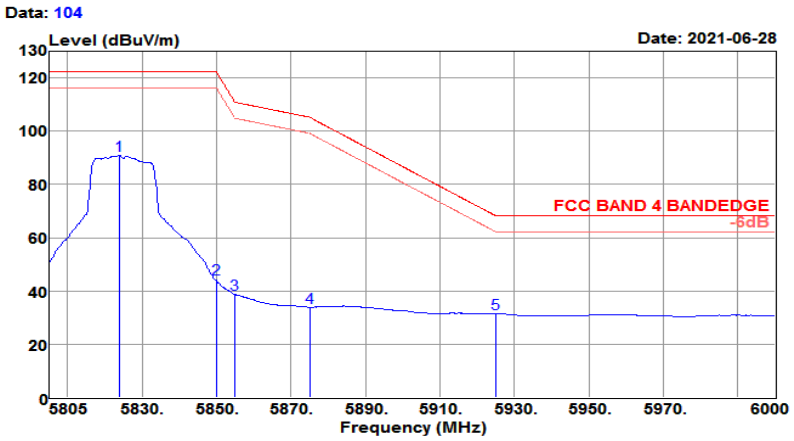
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

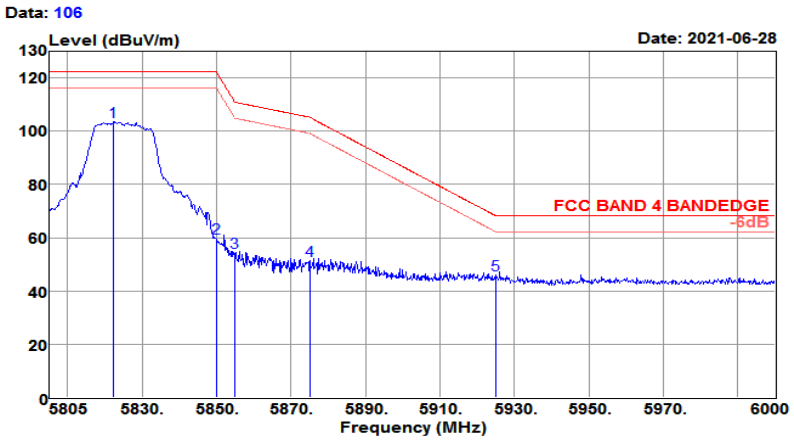
Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH165 (5825MHz)	Power rating	: DC 3.85V



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
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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

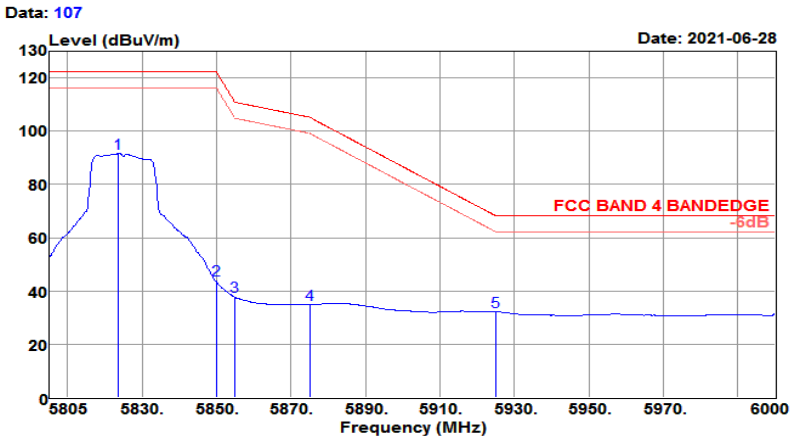
Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20 CH165 (5825MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

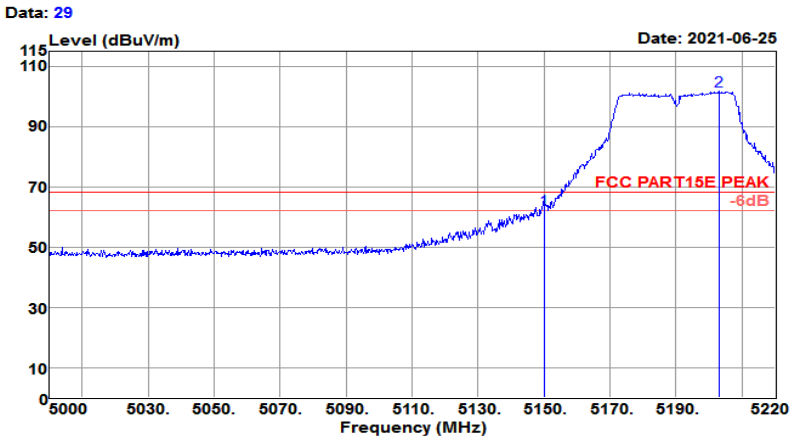
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.0GHz~5.22GHz	Polarization :	Horizontal

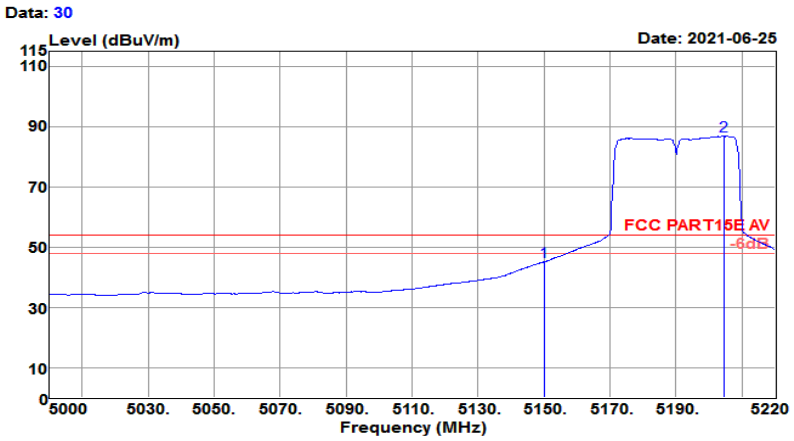
Test Site	: 3m Chamber	Temp/Humi	: 21℃/60%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH38 (5190MHz)	Power rating	: DC 3.85V



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
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%
Frequencey Range	5.0GHz~5.22GHz	Polarization :	Horizontal

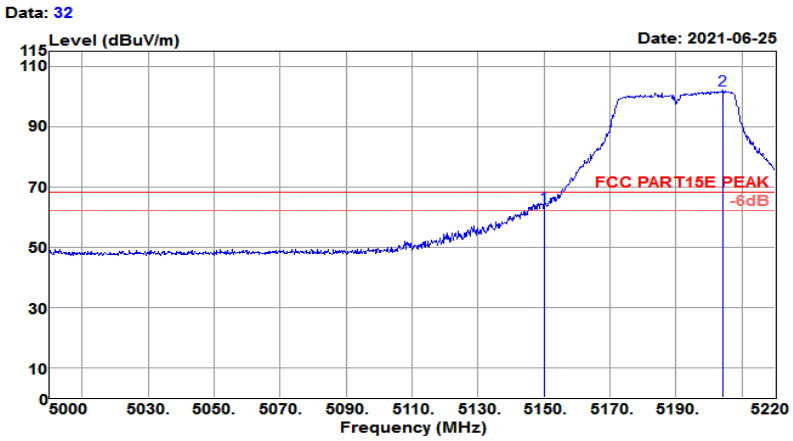
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.0GHz~5.22GHz	Polarization :	Vertical

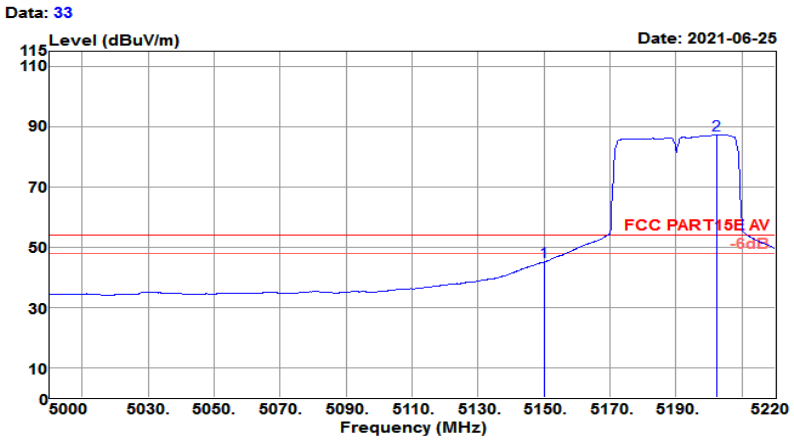
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.0GHz~5.22GHz	Polarization :	Vertical

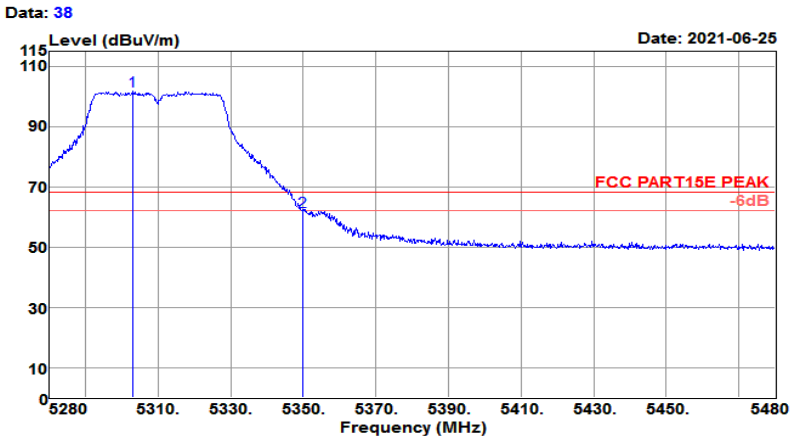
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.28GHz~5.48GHz	Polarization :	Horizontal

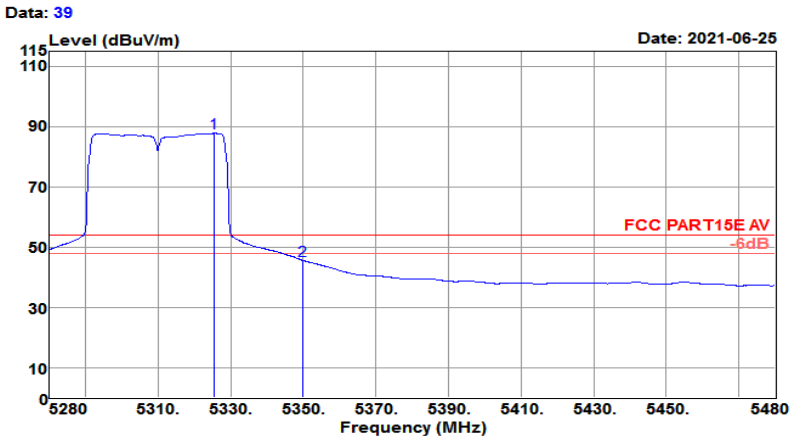
```
Test Site    : 3m Chamber                    Temp/Humi    : 21℃/60%
               ---------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               ---------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.28GHz~5.48GHz	Polarization :	Horizontal

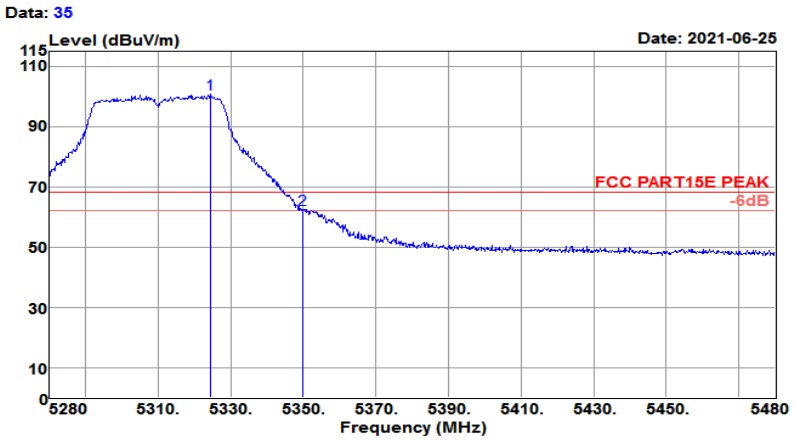
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.28GHz~5.48GHz	Polarization :	Vertical

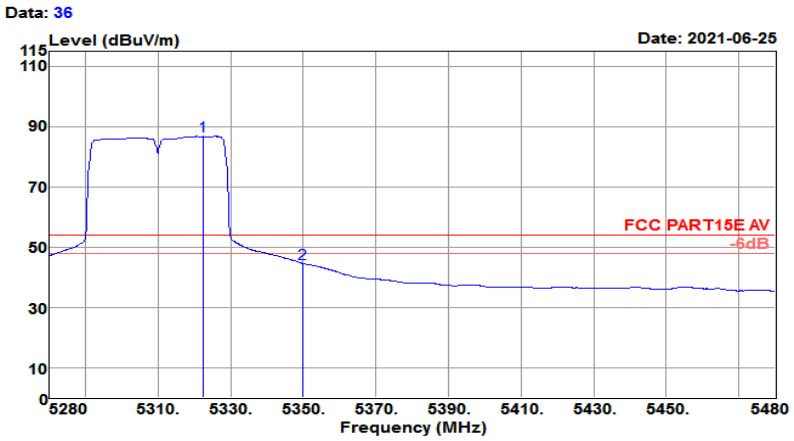
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.28GHz~5.48GHz	Polarization :	Vertical

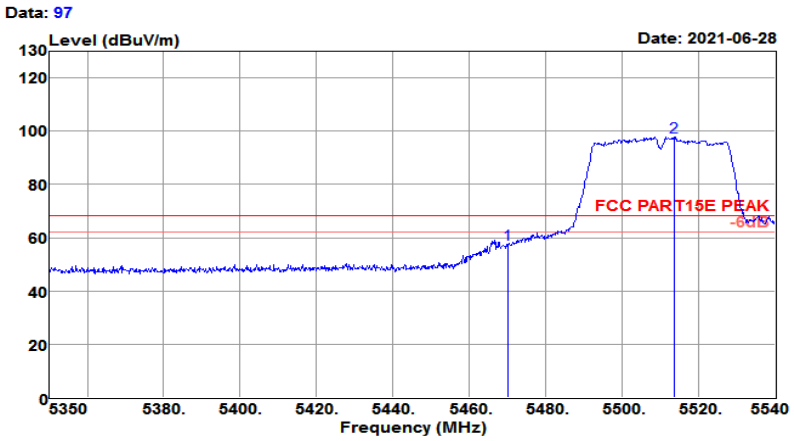
```
Test Site    : 3m Chamber                  Temp/Humi    : 21℃/60%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.35GHz~5.54GHz	Polarization :	Horizontal

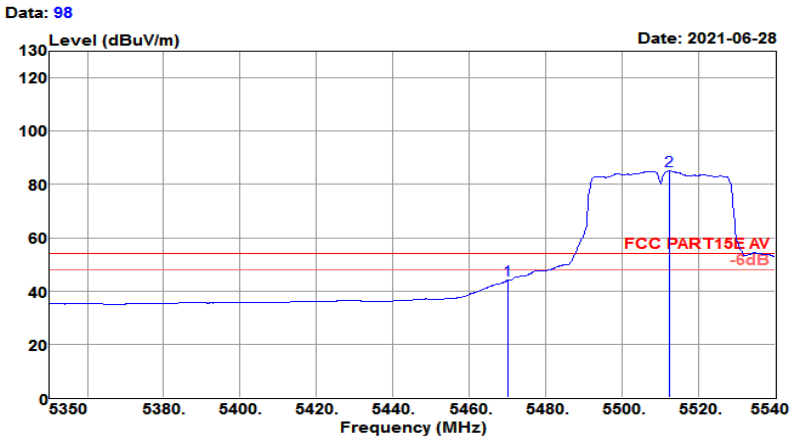
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.54GHz	Polarization :	Horizontal

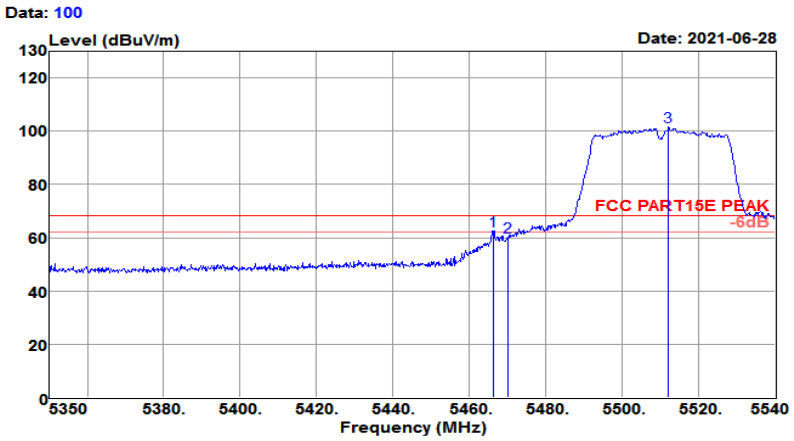
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.54GHz	Polarization :	Vertical

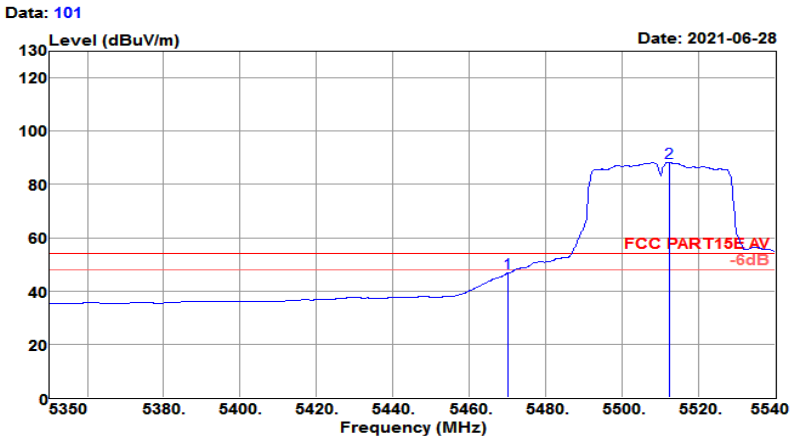
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.35GHz~5.54GHz	Polarization :	Vertical

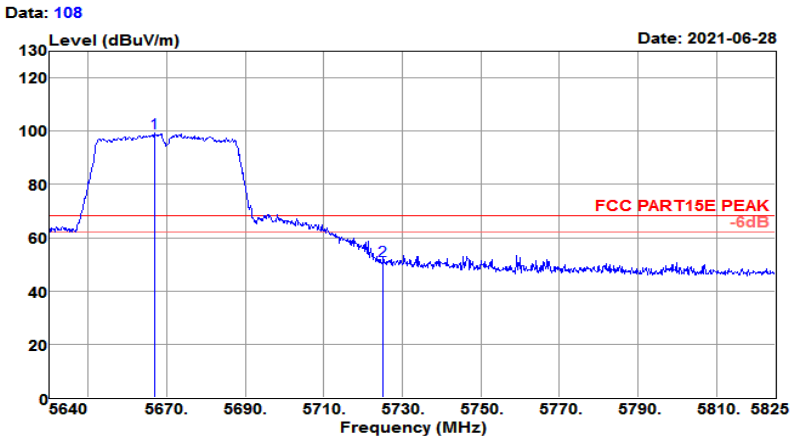
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.64GHz~5.825GHz	Polarization :	Horizontal

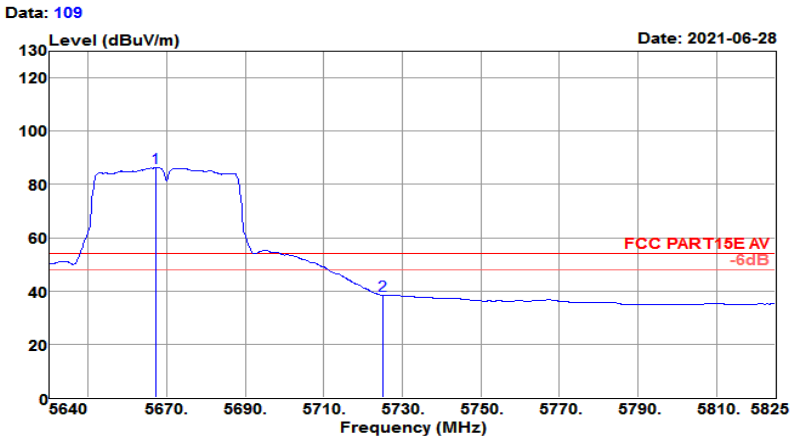
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.64GHz~5.825GHz	Polarization :	Horizontal

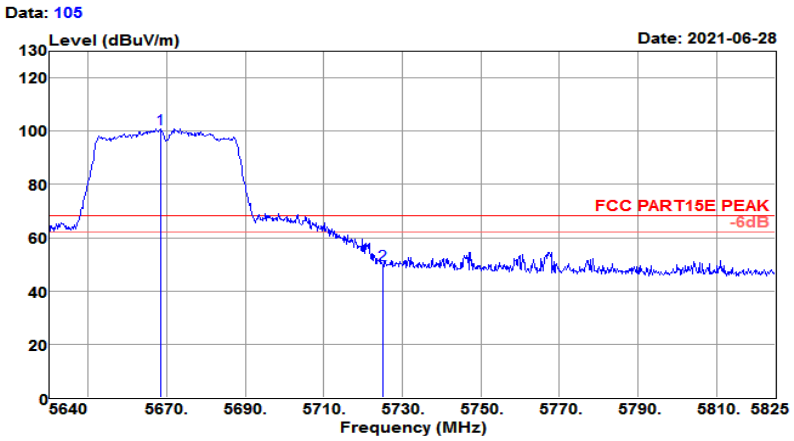
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.64GHz~5.825GHz	Polarization :	Vertical

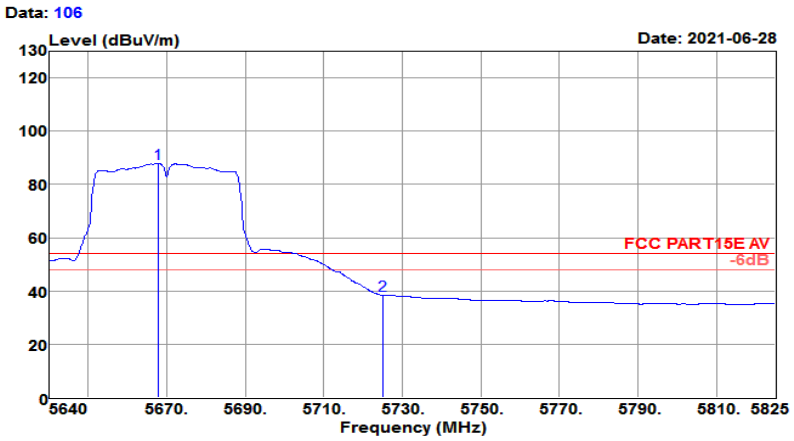
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11n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



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%
Frequencey Range	5.64GHz~5.825GHz	Polarization :	Vertical

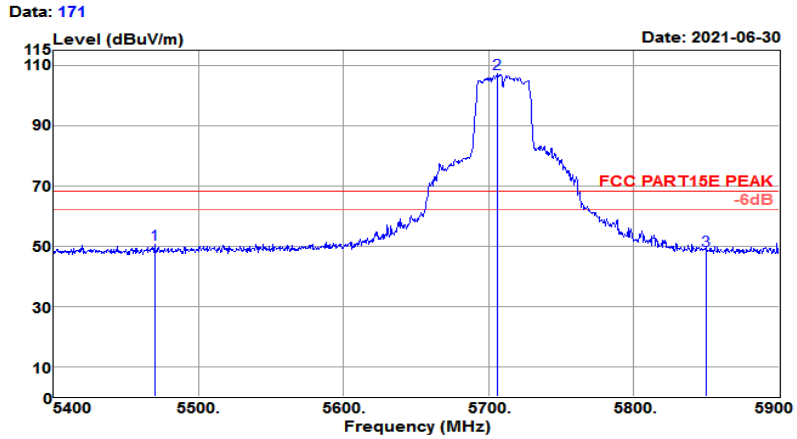
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

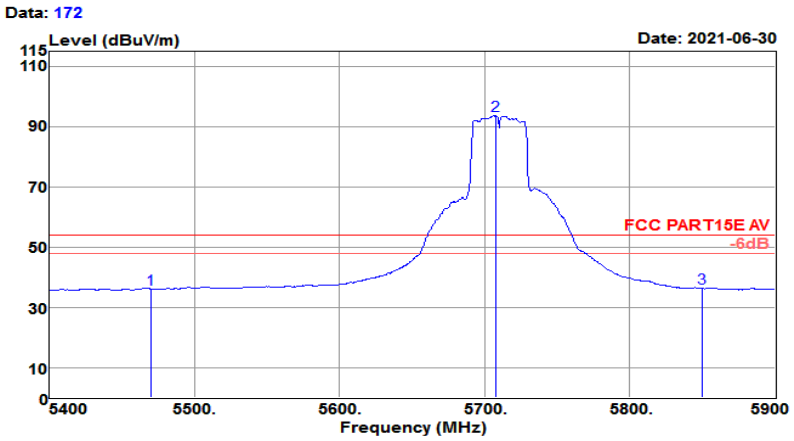
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

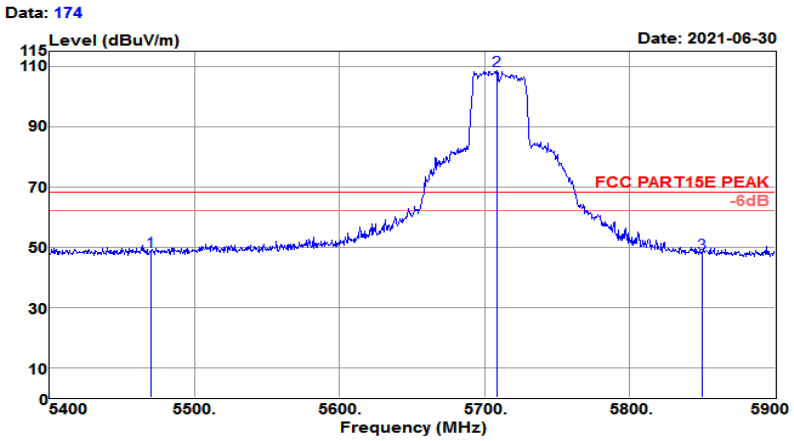
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

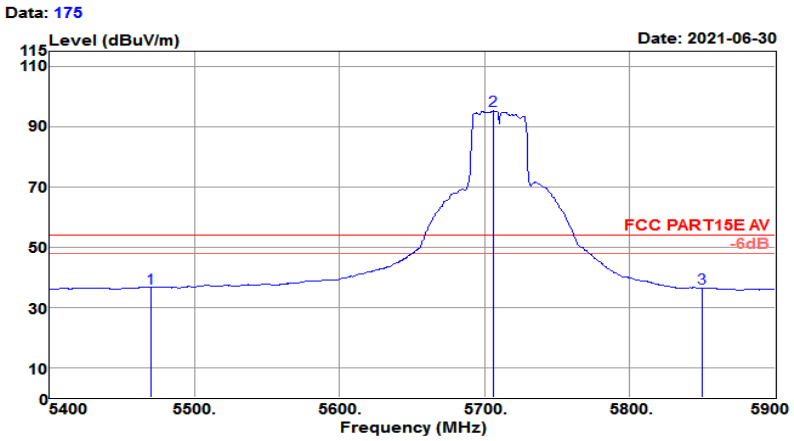
```
Test Site    : 3m Chamber                  Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

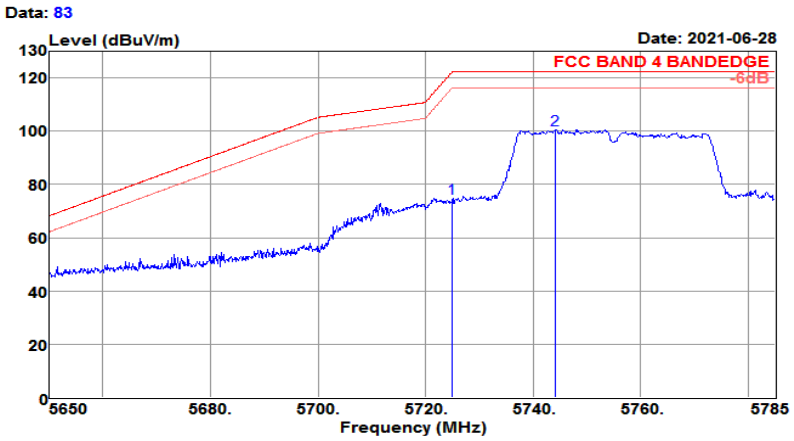
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Horizontal

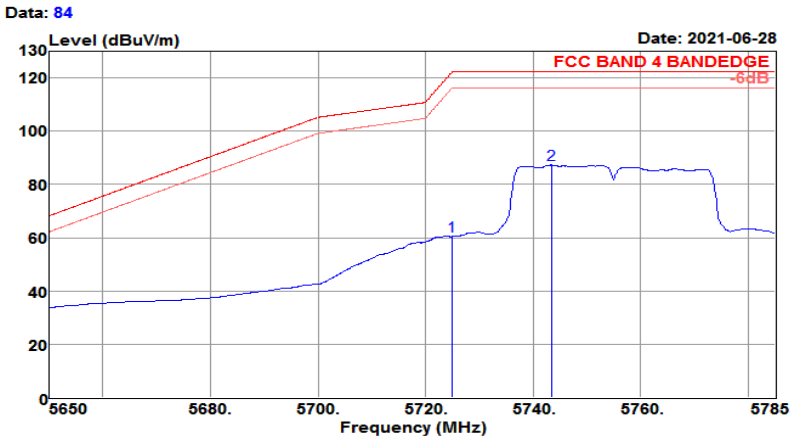
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Horizontal

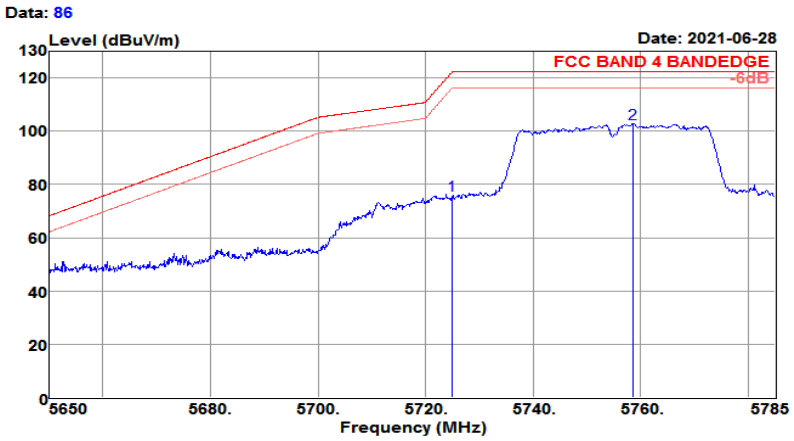
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               ---------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               ---------------------------                 ----------------
Test Mode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



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
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%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Vertical

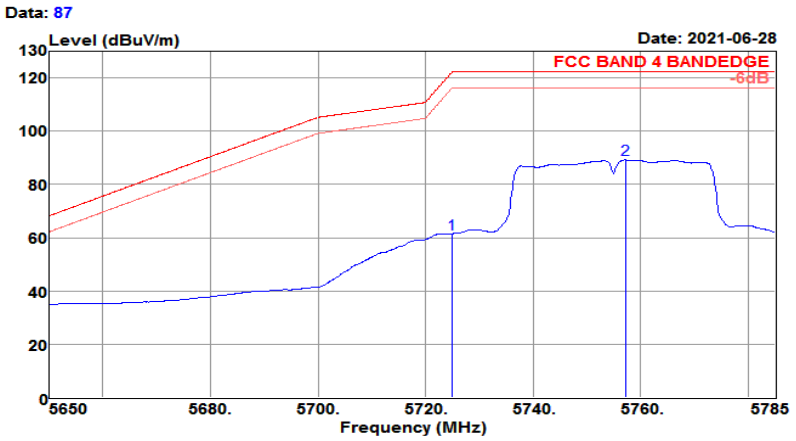
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Vertical

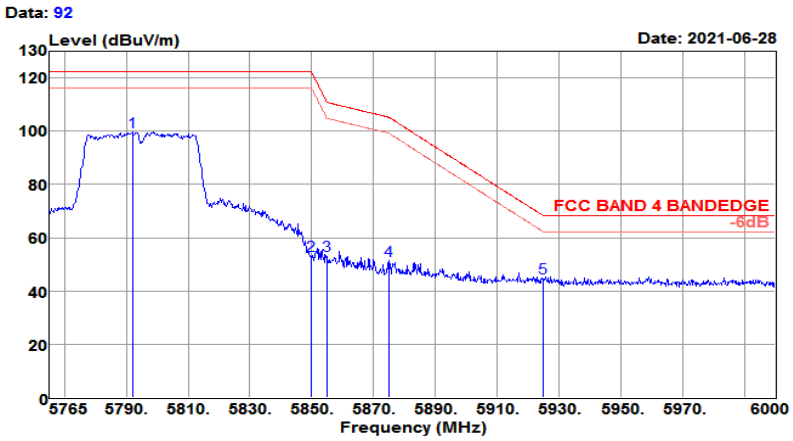
Test Site	: 3m Chamber	Temp/Humi	: 19℃/60%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH151 (5755MHz)	Power rating	: DC 3.85V



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
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%
Frequencey Range	5.765GHz~6GHz	Polarization :	Horizontal

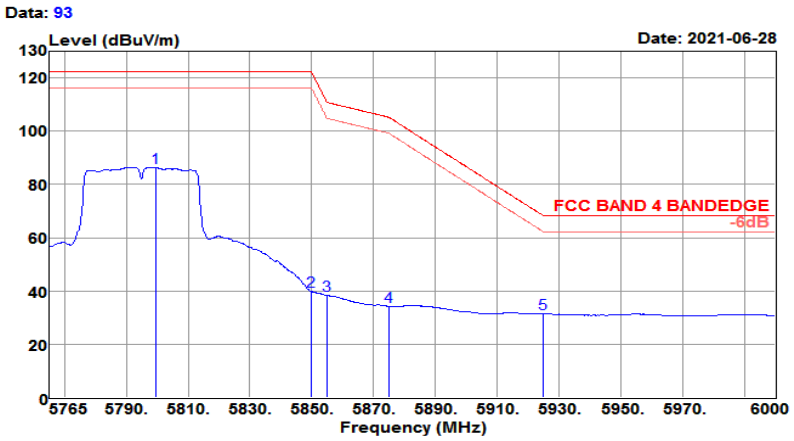
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.765GHz~6GHz	Polarization :	Horizontal

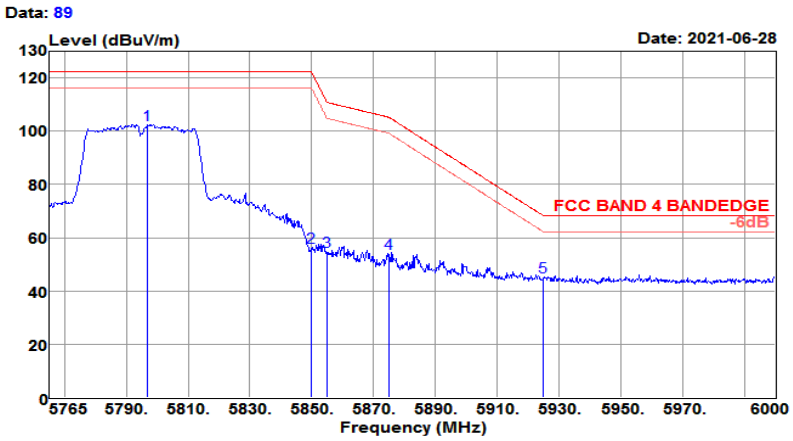
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.765GHz~6GHz	Polarization :	Vertical

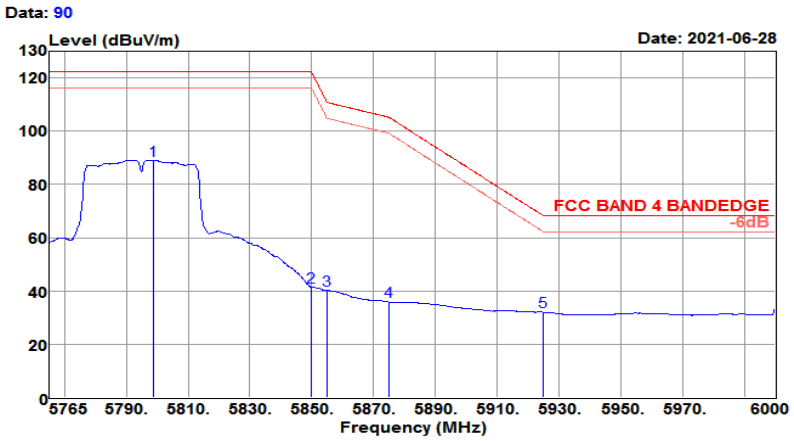
```
Test Site    : 3m Chamber                  Temp/Humi    : 19℃/60%
               --------------------------                ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                ----------------
Test Mode    : 802.11n 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%
Frequencey Range	5.765GHz~6GHz	Polarization :	Vertical

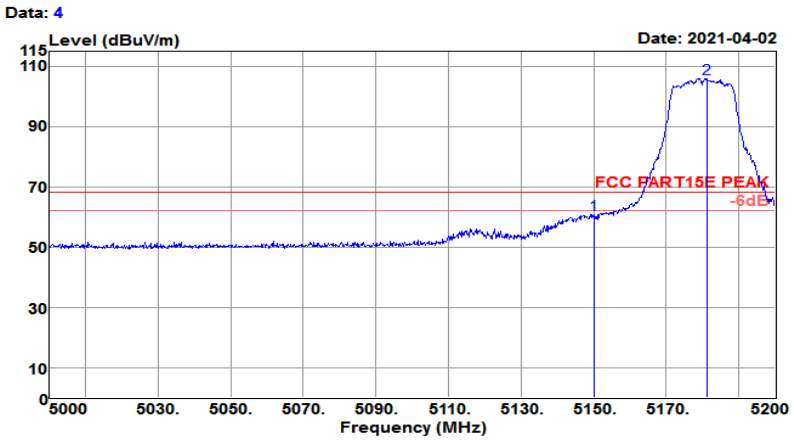
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 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
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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Horizontal

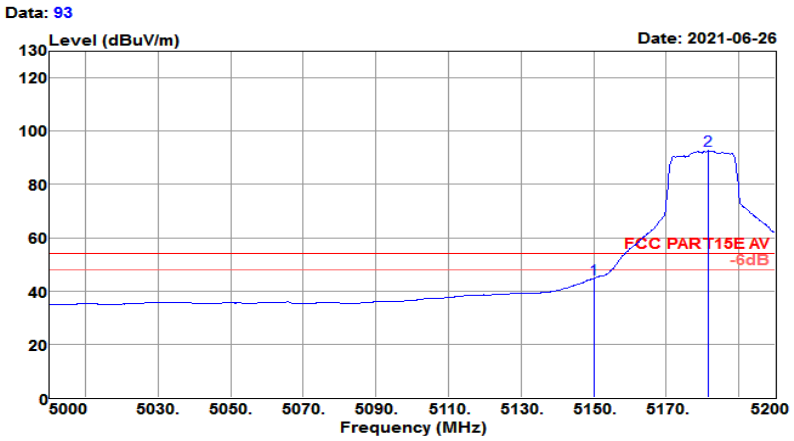
```
Test Site    : 3m Chamber                    Temp/Humi    : 19℃/60%
               ---------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               ---------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Horizontal

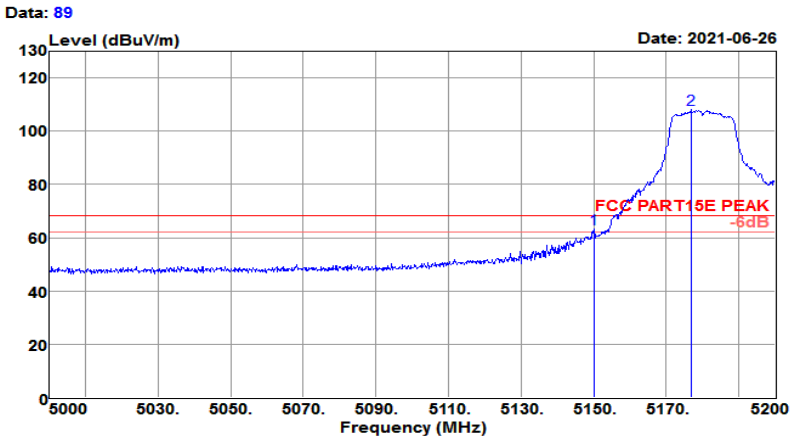
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode  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



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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Vertical

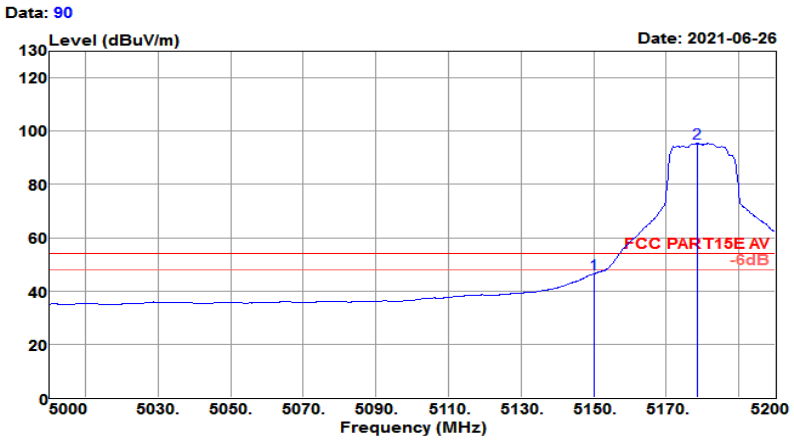
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.0GHz~5.2GHz	Polarization :	Vertical

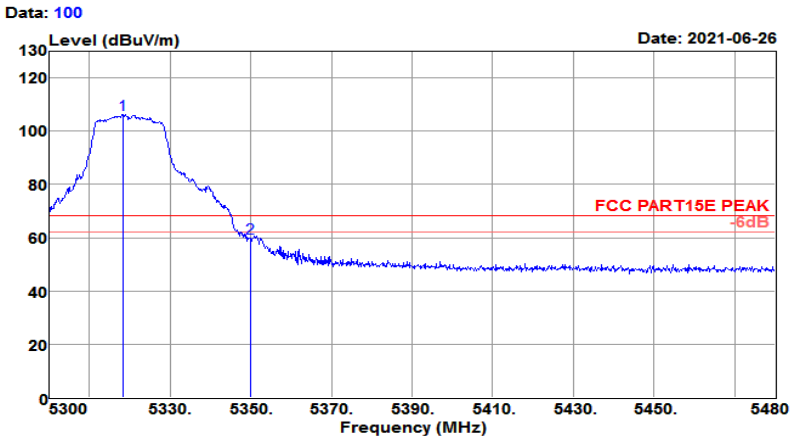
```
Test Site    : 3m Chamber                  Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    :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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

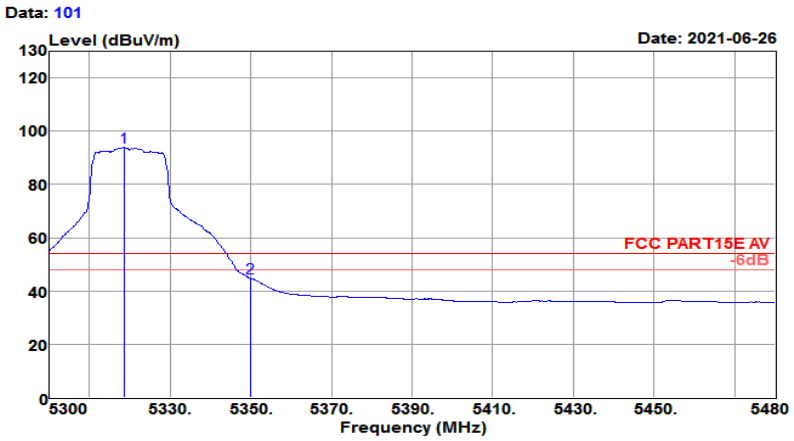
Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT20 CH64(5320MHz)	Power rating	: DC 3.85V



Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Horizontal

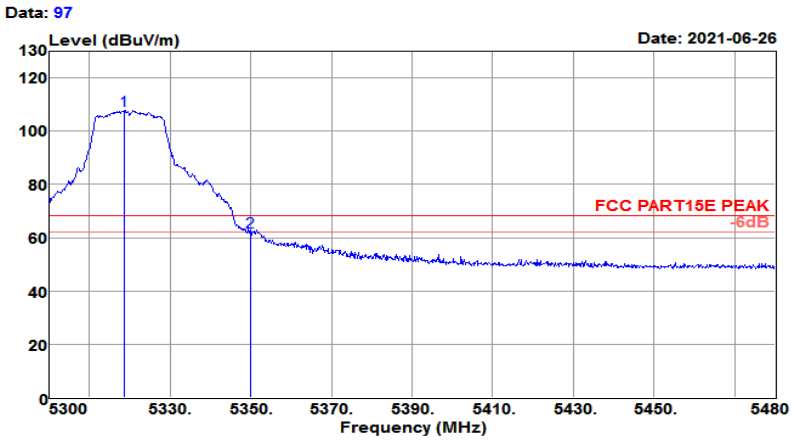
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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
5318.540	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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

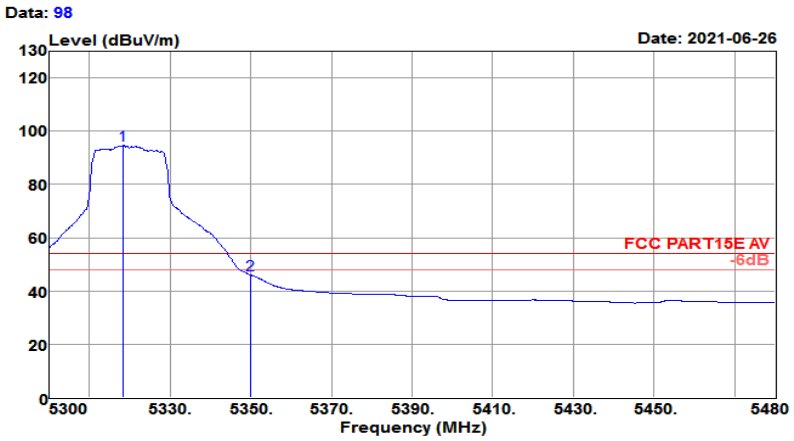
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.3GHz~5.48GHz	Polarization :	Vertical

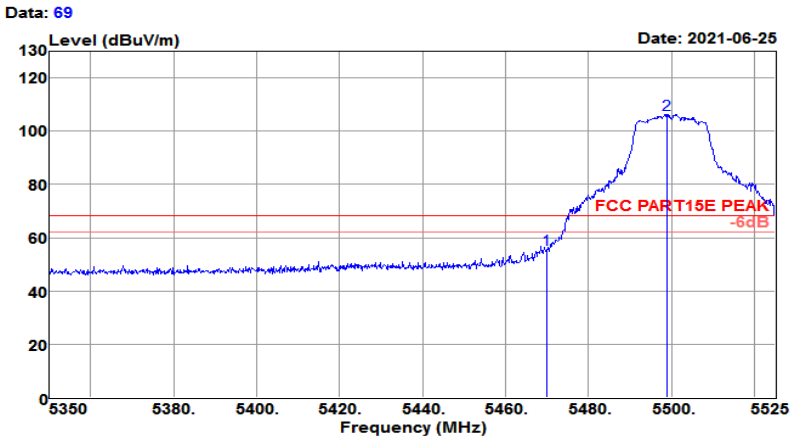
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

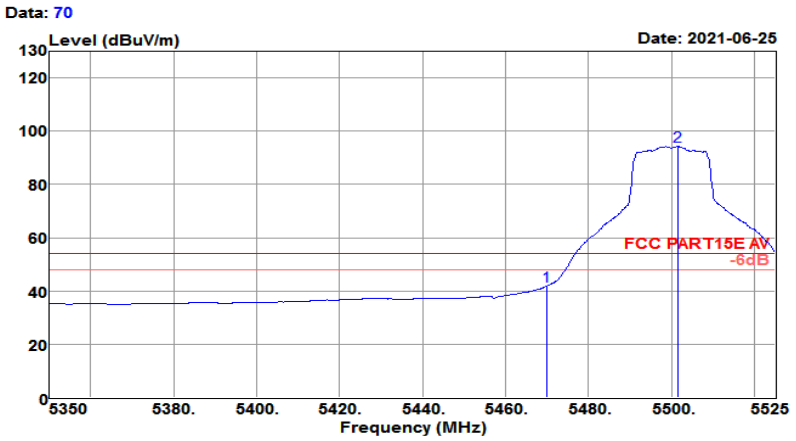
Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT20 CH100(5500MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Horizontal

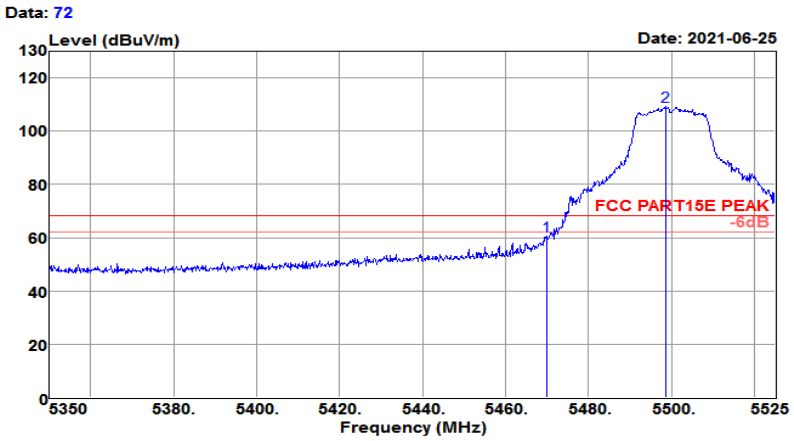
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Vertical

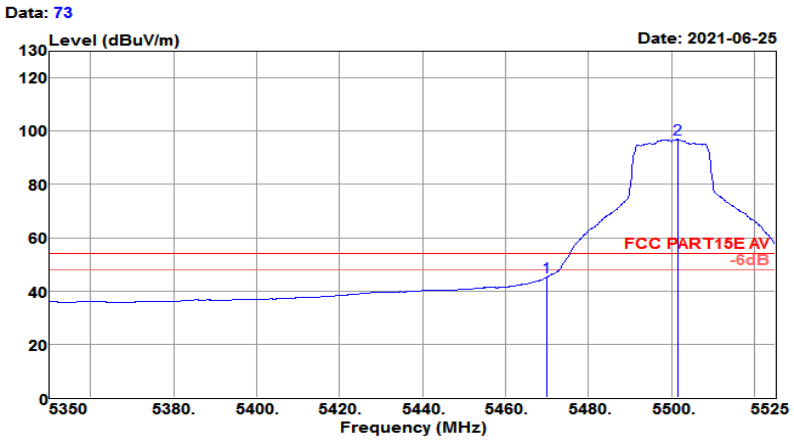
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.35GHz~5.525GHz	Polarization :	Vertical

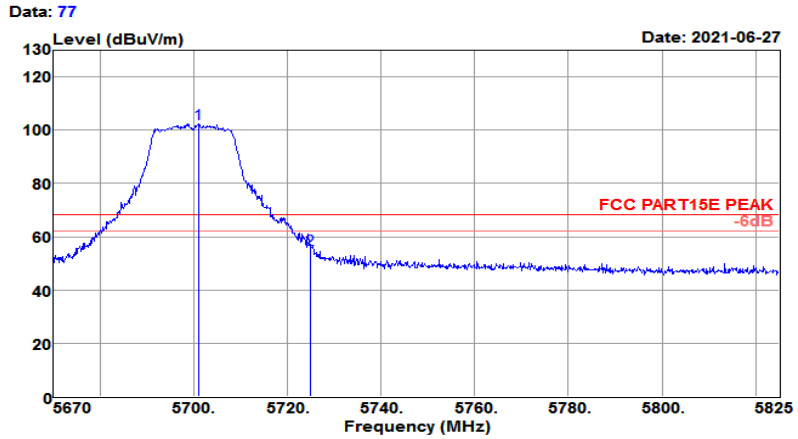
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Horizontal

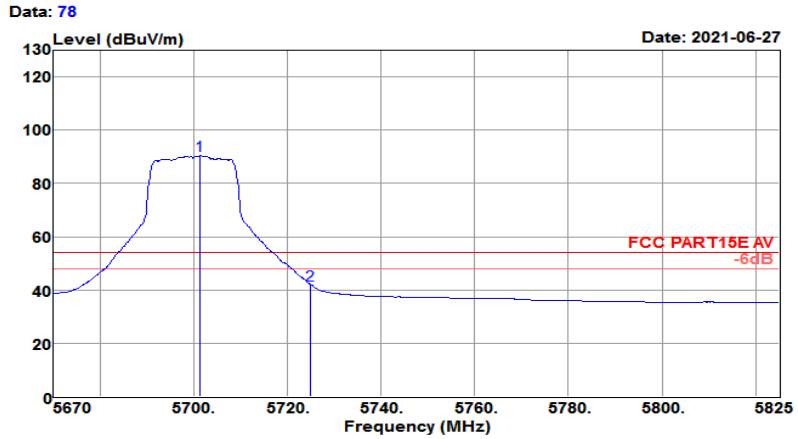
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Horizontal

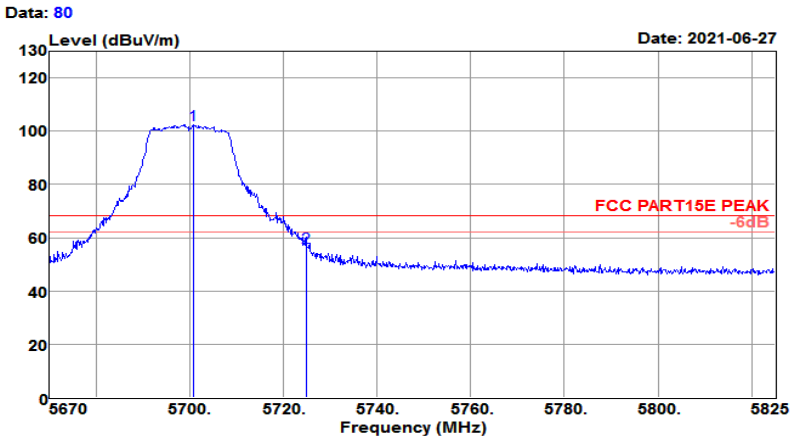
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Vertical

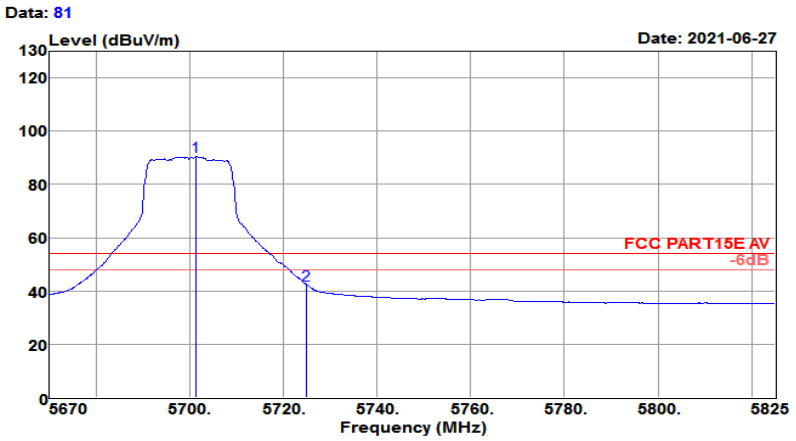
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.67GHz~5.825GHz	Polarization :	Vertical

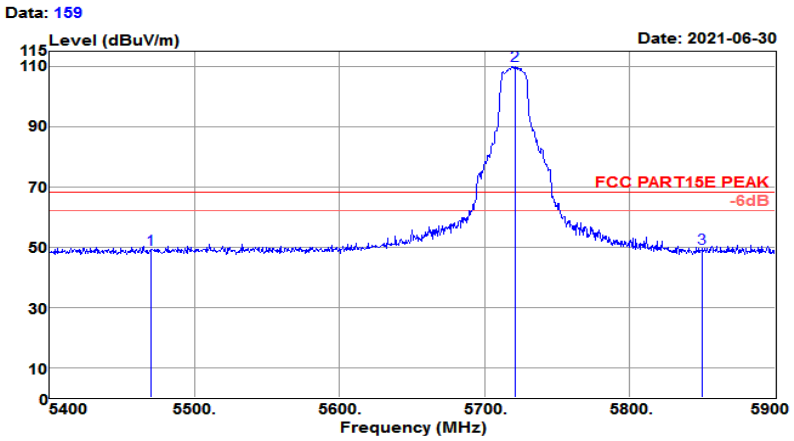
Test Site	: 3m Chamber	Temp/Humi	: 23℃/59%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11ac VHT20 CH140(5700MHz)	Power rating	: DC 3.85V



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

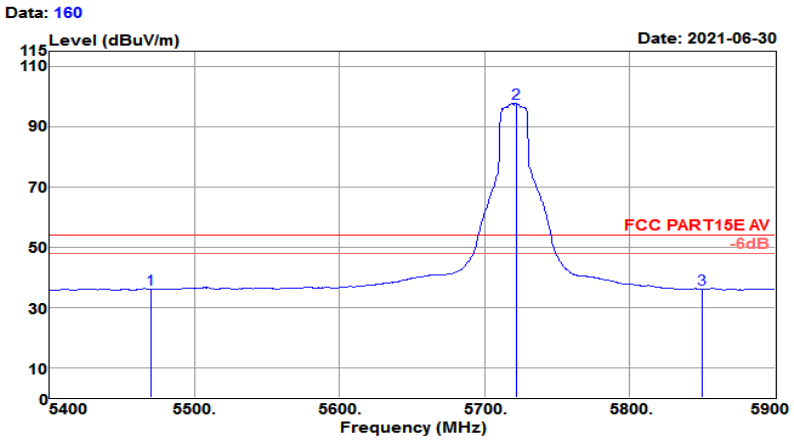
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Horizontal

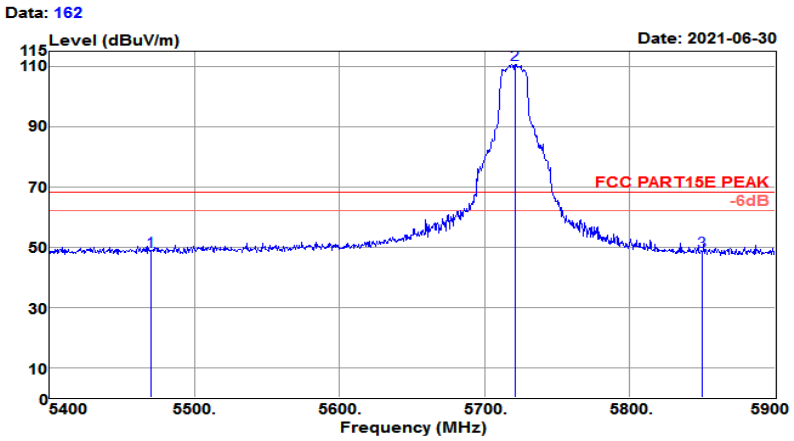
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

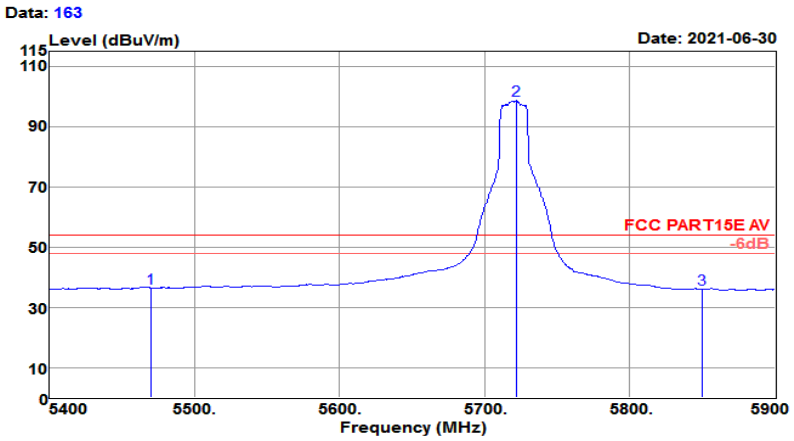
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.4GHz~5.9GHz	Polarization :	Vertical

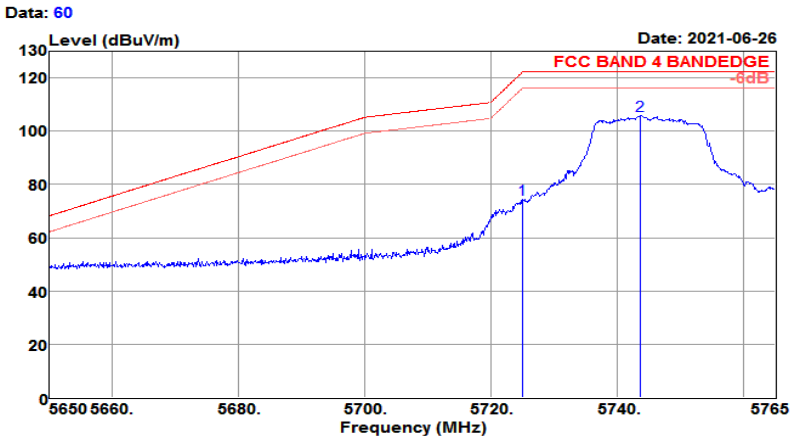
```
Test Site    : 3m Chamber                    Temp/Humi    : 22℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode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



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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

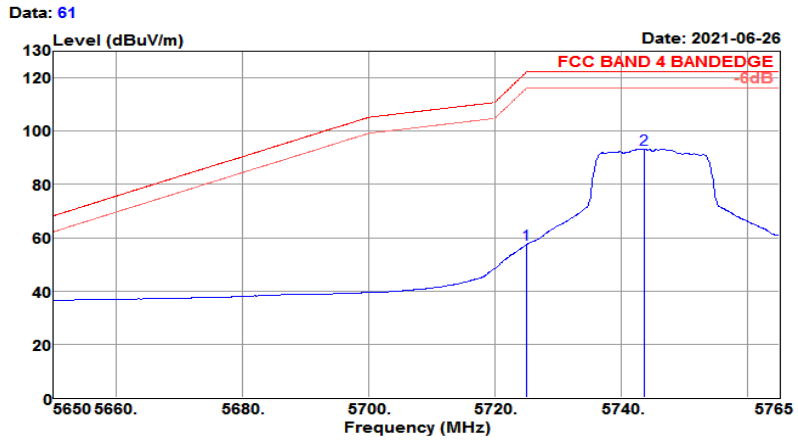
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

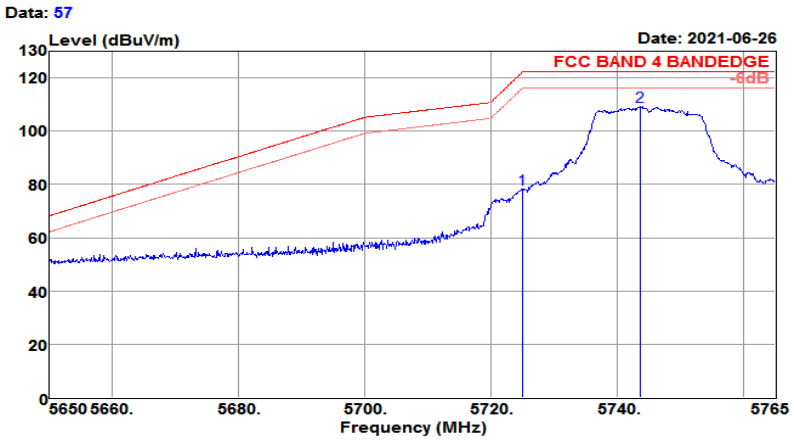
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/59%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 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%
Frequencey 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