RF Test Report

For

Beijing Inhand Networks Technology Co., Ltd.

Test Standards:	FCC Part 15 Subpart E §15. 407 IC RSS-247 Issue 2
Product Description:	Edge Router
Tested Model:	ER605
Additional Model No.:	FCC:ER606, ER608, ER609, ER615, ER616, ER618, ER610, ER625, ER626, ER628, ER620, ER655, ER656, ER658, ER665, ER666, ER668, ER695, ER696, ER698 IC:ER608, ER615, ER618, ER625
Brand Name:	inhand
FCC ID:	2AANYER605
IC:	11594A-ER605
Classification	(NII)Unlicensed National Information Infrastructure
Report No.:	EC2210042RF02
Tested Date:	2022-11-02 to 2022-11-23
Issued Date:	2023-01-14
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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2023.01.14	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	6dB & 99% Bandwidth	-	Pass	U-NII-1
			>500kHz	Pass	U-NII-3
15.407(a)	RSS-247 Section 6	Maximum Conducted Output Power	≤30dBm For AP ≤23.98dBm For Client	Pass	U-NII-1
			≤30dBm	Pass	U-NII-3
		Maximum e.i.r.p.	200 mW or 10 + 10 log10B	Pass	U-NII-1
15.407(a)	RSS-247 Section 6	E.I.R.P. Power Spectral Density	≤10dBm/MHz	Pass	U-NII-1
		Power Spectral Density	≤17dBm/MHz For AP ≤11dBm/MHz For Client	Pass	U-NII-1
			≤30dBm/500kHz	Pass	U-NII-3
15.407(b)	RSS-247 Section 6	Unwanted Emissions	15.407(b) 15.209(a)	Pass	Under limit 4.18 dB at 17355 MHz
15.207	RSS-Gen 8.8	AC Conducted Emission	15.207(a)	Pass	Under limit 11.59 dB at 0.544 MH
15.407(g)	RSS-Gen 6.11	Frequency Stability	Within Operation Band	Not Required	-
15.407(c)	RSS-247 6.4(a)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
15.203 & 15.407(a)	RSS-Gen 6.8	Antenna Requirement	15.203 & 15.407(a) RSS-GEN 6.8	Pass	-

1 .Test Laboratory

1.1 Test facility

CNAS (accreditation number: L11138)

Hunan Ecloud Testing Technology Co., Ltd. has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS).

FCC (Designation number: CN1244 , Test Firm Registration Number: 793308)

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

ISED(CAB identifier: CN0012, ISED# :24347)

Hunan Ecloud Testing Technology Co., Ltd. has been listed on the Wireless Device Testing Laboratories list of innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements.

A2LA (Certificate Code: 4895.01)

Hunan Ecloud Testing Technology Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

2 General Description

2.1 Applicant

Beijing Inhand Networks Technology Co., Ltd.
Room 501, floor 5, building 3, yard 18, ziyue road, chaoyang district, Beijing

2.2 Manufacturer

Beijing Inhand Networks Technology Co., Ltd.
Room 501, floor 5, building 3, yard 18, ziyue road, chaoyang district, Beijing

2.3 General Description Of EUT

Product	Edge Router
Model No.	ER605
FCC ID:	2AANYER605
IC:	11594A-ER605
Additional No.	FCC:ER606, ER608, ER609, ER615, ER616, ER618, ER610, ER625, ER626, ER628, ER620, ER655, ER656, ER658, ER665, ER666, ER668, ER695, ER696, ER698 IC:ER608, ER615, ER618, ER625
Difference Description	These models are the same in these:appearance,PCB layout and basic software function;The only difference is that the products are used in different markets.
HW Version	V1.2
SW Version	V2.0
Power Supply	9-48Vdc
Extreme temperature	-20°C ~70°C
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-3:5725~5850MHz
Max. Output Power	U-NII-1: 802.11a : 17.66 dBm (0.0583 W) 802.11n HT20 MIMO: 18.45 dBm (0.0700 W) 802.11n HT40 MIMO : 18.6 dBm (0.0724 W) 802.11ac VHT20 MIMO: 18.59 dBm (0.0723 W) 802.11ac VHT40 MIMO: 18.72 dBm (0.0745 W) 802.11ac VHT80 MIMO: 18.46 dBm (0.0701 W) U-NII-3: 802.11a : 14.46 dBm (0.0279 W) 802.11n HT20 MIMO: 17.19 dBm (0.0524 W) 802.11n HT40 MIMO: 15.21 dBm (0.0332 W)

	802.11ac VHT20 MIMO : 16.77 dBm (0.0475 W) 802.11ac VHT40 MIMO: 14.68 dBm (0.0294 W) 802.11ac VHT80 MIMO: 14.42 dBm (0.0277 W)
Max. E.I.R.P.	18.74 dBm (0.748 W)
Antenna Type	Sucker antenna
Antenna Gain (dBi)	Ant 1 : 0.02dBi Gain at U-NII-1 0.02dBi Gain at U-NII-3 Ant 2 : 0.02dBi Gain at U-NII-1 0.02dBi Gain at U-NII-3
Sample No.	2210042R-1/1
Sample Received Date	2022-11-02
I/O Ports	Refer to user's manual
Cable Supplied	Refer to user's manual

NOTE:

1. The above EUT information is declared by manufacturer. Our laboratory is not responsible for the information provided by the manufacturer.

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

3. Pre-scan all voltages, the report only lists the worst voltage DC12V test results.

2.4 Modification of EUT

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

2.5 Applicable Standards

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, ICES-003 recorded in a separate test report.

3 Test Configuration of Equipment Under Test

3.1 Carrier Frequency and Channel

U-NII-1

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
38	5190 MHz	46	5230 MHz
40	5200 MHz	48	5240 MHz
42	5210 MHz		

U-NII-3

Channel	Frequency	Channel	Frequency
149	5745 MHz	157	5785 MHz
151	5755 MHz	159	5795 MHz
153	5765 MHz	161	5805 MHz
155	5775 MHz	165	5825 MHz

3.2 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

802.11n VHT20 mode: Nssi MCS0

802.11n VHT40 mode: Nssi MCS0

802.11n VHT80 mode: Nssi MCS0

Note: The product can be used as both an Access point and a Client device. Only the worst Client device test results are listed in the report.

3.2.1 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: CH44 Mode 3: CH48	Mode 1: CH36 Mode 2: CH44 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-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: -

3.2.2 Radiated Emission Test (Below 1GHz)

Radiated Test Cases	Modulation
	802.11n HT20 CH157

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 X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.

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

3. All the below test modes were conducted, only reported the worst case mode 802.11n HT20 CH157.

3.2.3 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	802.11n HT40/ 802.11ac VHT40	802.11ac VHT80
U-NII-1	Mode 1: CH36 Mode 2: CH44 Mode 3: CH48	Mode 1: CH36 Mode 2: CH44 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-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. 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 X orientation was worst-case orientation; therefore, all final radiated testing was performed with the EUT in X orientation.

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

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

4. Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

3.2.4 Power Line Conducted Emission Test:

AC Conducted Emission	Mode 1 : RLAN Linking + RJ45 ping + Adapter

3.3 Support Equipment

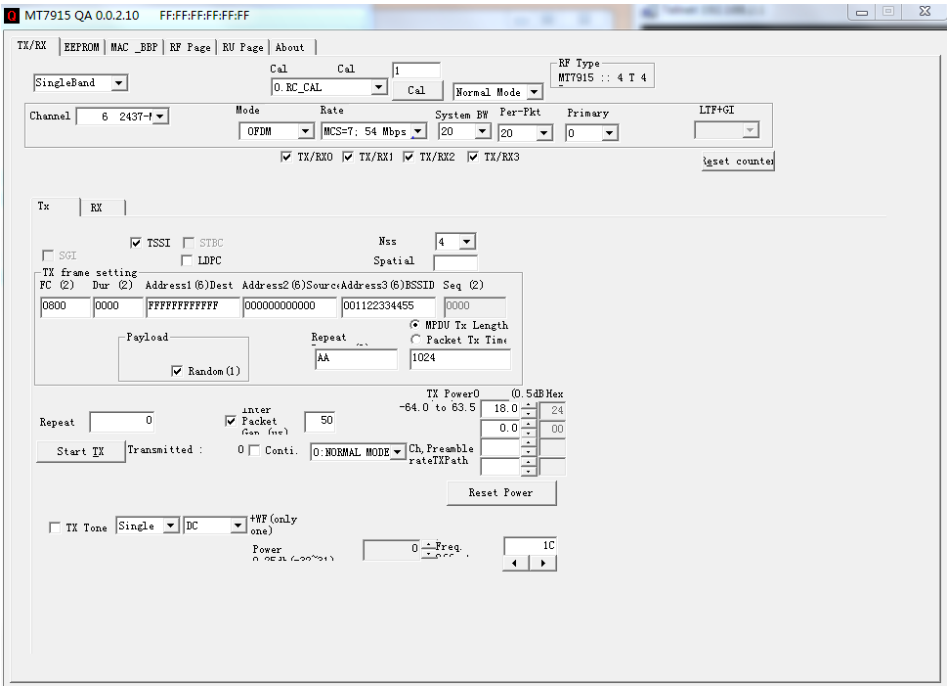
Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	NETGEAR	R7800	PY315100319	N/A	shielded, 1.8 m
2.	Notebook	Lenovo	E470C	FCC SDoC	N/A	shielded cable DC O/P 1.8 m unshielded AC I/P cable1.2 m
3.	Adapter	KUANEN	KT241120200EUL	FCC SDoC	N/A	N/A

3.4 Test Setup

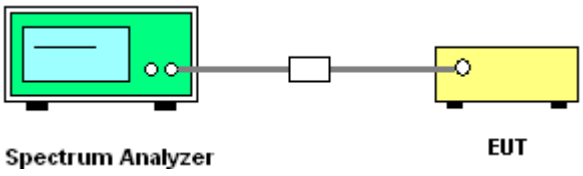
The EUT is continuously communicating to the WIFI tester during the tests.

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

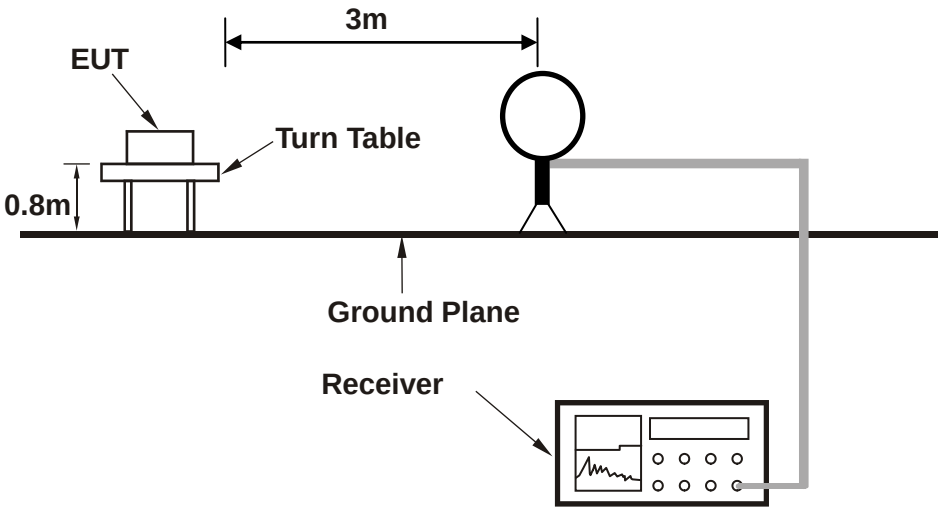
The following picture is a screenshot of the test software



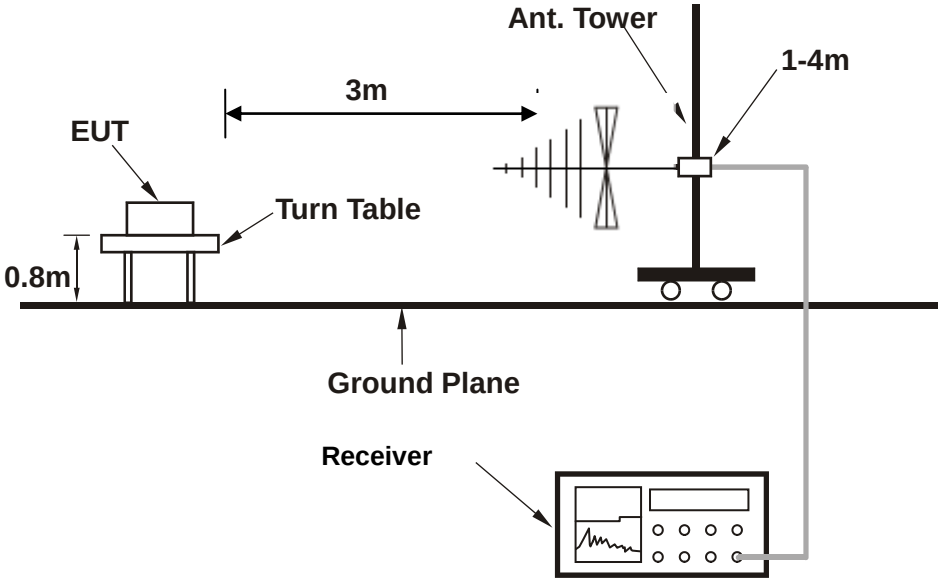
Setup diagram for Conducted Test



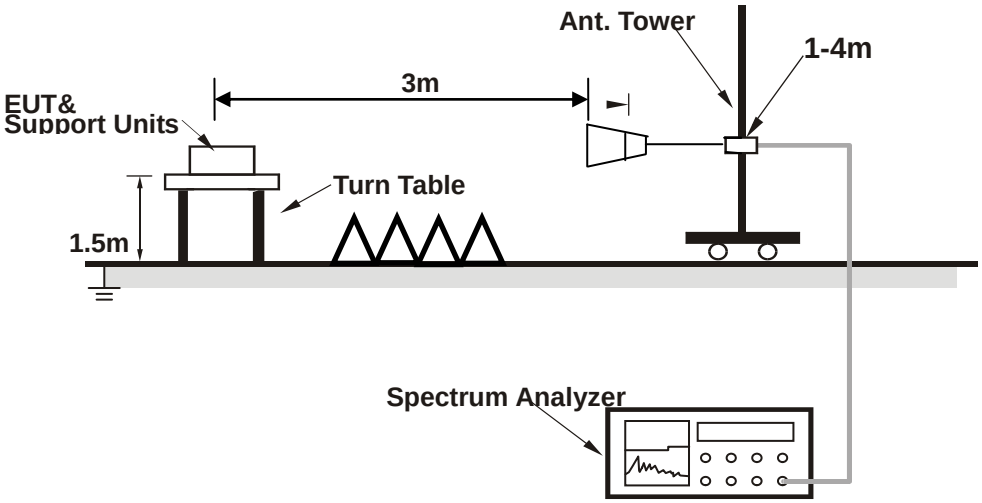
Setup diagram for Radiation(9KHz~30MHz) Test



Setup diagram for Radiation(Below 1G) Test



Setup diagram for Radiation(Above1G) Test



3.5 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 (dBμV/m) = Level(dBμV/m) - Limit Level (dBμV/m)

4 Test Result

4.1 6dB 26dB and 99% Occupied Bandwidth Measurement

4.1.1 Limit of 6dB 26dB 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.

4.1.2 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 approximately 1% based on EBW as observed on the result of pre-sequence measurement.
5. 99% Band width Measurement: Set the spectrum analyzer as 1%~5% of emission BW Sweep=auto,Detector = Peak, Trace Mode = Max Hold, VBW≥3*RBW，span=1.5 times to 5.0 times the OBW, Manually readjust RBW until the RBW/EBW ratio is approximately 1% based on EBW as observed on the result of pre-sequence measurement.
6. Minimum Emission Bandwidth Measurement: Set the spectrum analyzer RBW=100KHz, VBW ≥3*RBW, Sweep=auto,Detector = Peak, Trace Mode = Max Hold, Mark the peak frequency and –6dB (upper and lower) frequency.
7. According to RSS-GEN section 6.7, for IC 6 dB bandwidth measurement, the spectrum analyzer's resolution bandwidth (RBW) setting should be 1%-5% of OBW, and set the Video bandwidth (VBW) ≥3* RBW.
8. Repeat the procedures as list above until all test default channels (low, middle, and high) are completed.
9. Measure and record the results in the test report.

4.1.3 Test Result of 6dB Bandwidth, 26dB and 99% Bandwidth

26dB Bandwidth: Refer to Appendix A1

99% Bandwidth: Refer to Appendix A2

6dB Bandwidth: Refer to Appendix A3

4.2 Maximum Conducted Output Power Measurement

4.2.1 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 client 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.

B is the 99% emission bandwidth in megahertz.

4.2.2 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 ≥ 3MHz, Number of points in sweep ≥ 2 × span / RBW, Sweep time = auto, Detector = power averaging (rms).
6. Video filtering shall be applied to power signal (rms), it shall be set to operate on a linear voltage signal.
7. Trace average at least 100 traces in power averaging (rms) mode.
8. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

4.2.3 Test Result of Output Power

Refer to Appendix B

4.3 Power Spectral Density Measurement

4.3.1 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 client 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.

4.3.2 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. For UNII-1: 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. For UNII-3: Set RBW=470KHz, VBW=1.5MHz, 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)
6. User the cursor on spectrum to peak search the highest level of trace.
7. Record the max. reading and add 10 log(1/duty cycle).
8. Repeat above procedures until all default test channel (low, middle, and high) was complete.

4.3.3 Test Result of Power Spectral Density

Refer to Appendix C

4.4 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.

4.4.1 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) KDB789033 D02 v02r01 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

4.4.2 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

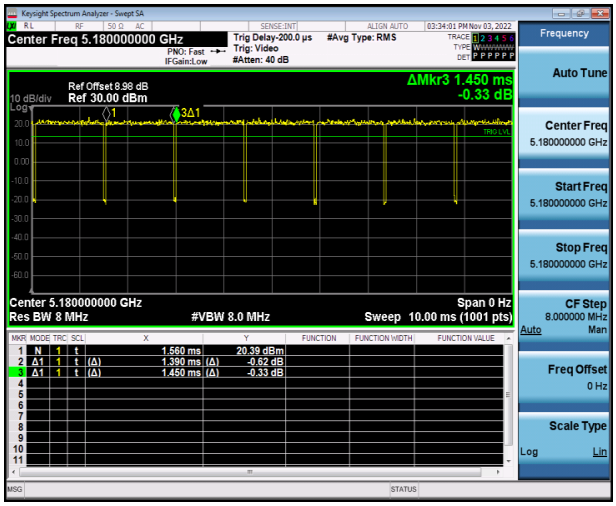
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

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

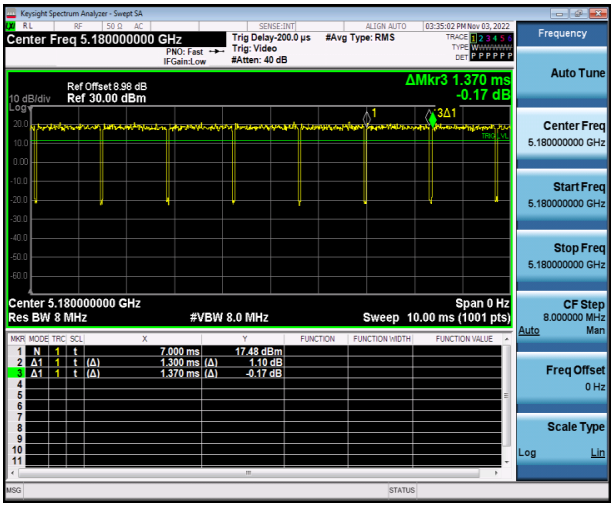
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

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

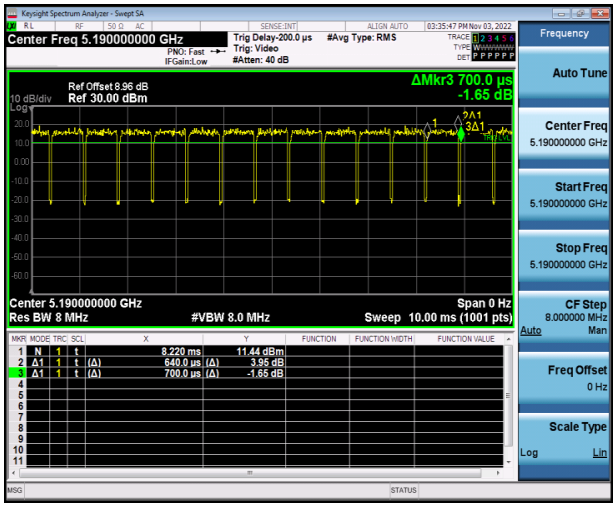
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	95.86	1.39	0.72	1KHz
802.11n HT20	94.89	1.30	0.77	1KHz
802.11n HT40	91.43	0.64	1.56	3KHz
802.11ac HT20	90.67	0.68	1.47	3KHz
802.11ac HT40	85.37	0.35	2.86	3KHz
802.11ac HT80	75.00	0.18	5.56	10KHz



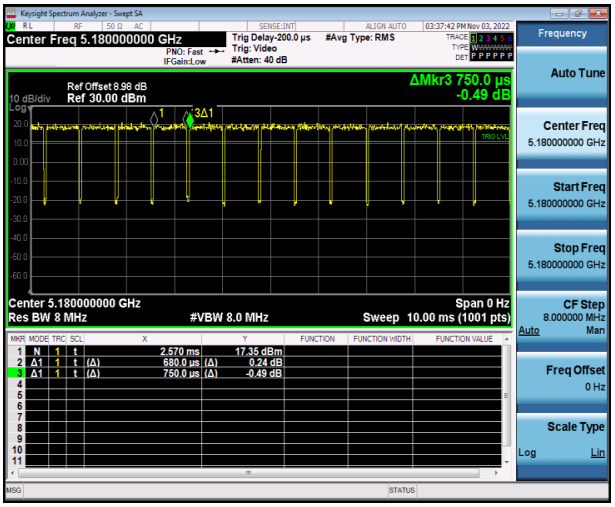
802.11a



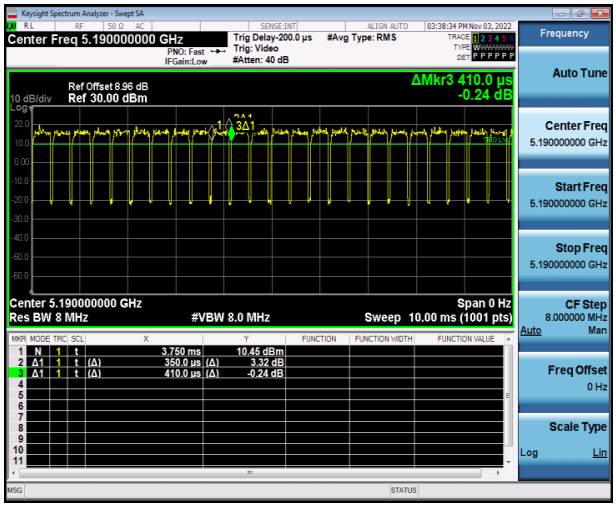
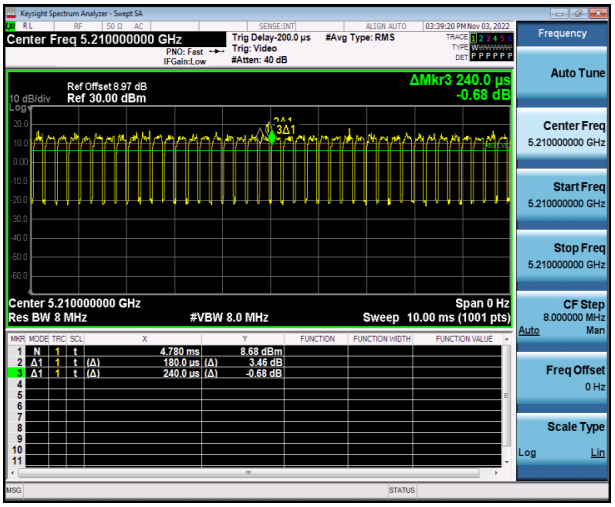
802.11ac HT20



802.11ac HT40



802.11ac VHT20

	
802.11ac VHT40	802.11ac VHT80

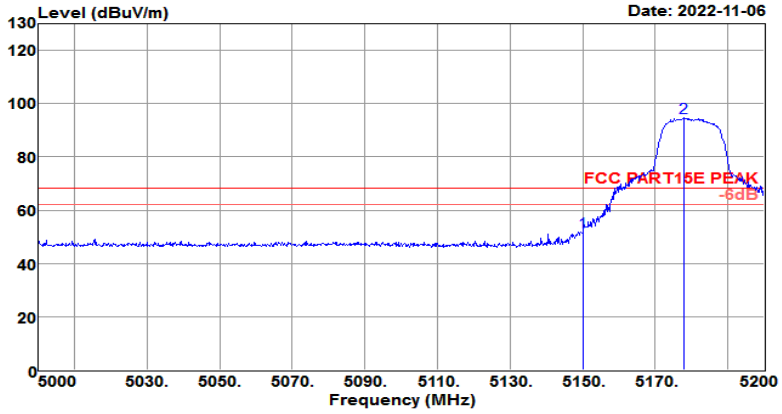
4.4.3 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

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.

4.4.4 Test Result of Radiated Spurious at Band Edges

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Horizontal

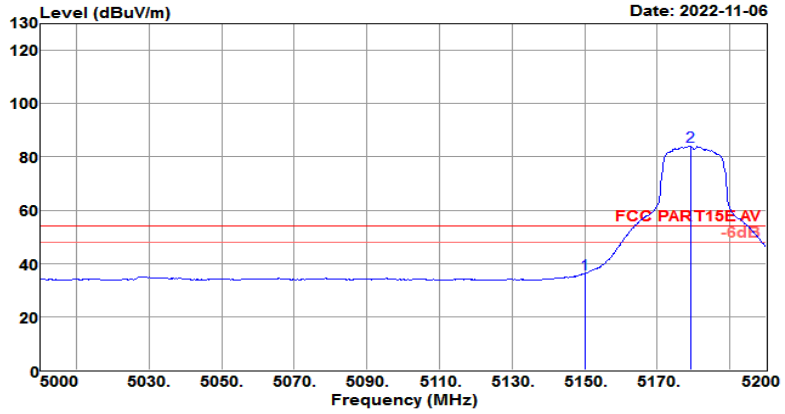
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



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	48.18	31.32	8.17	35.75	51.92	68.20	-16.28	Peak
5177.800	90.76	31.34	8.21	35.72	94.59	68.20	26.39	Peak

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Horizontal

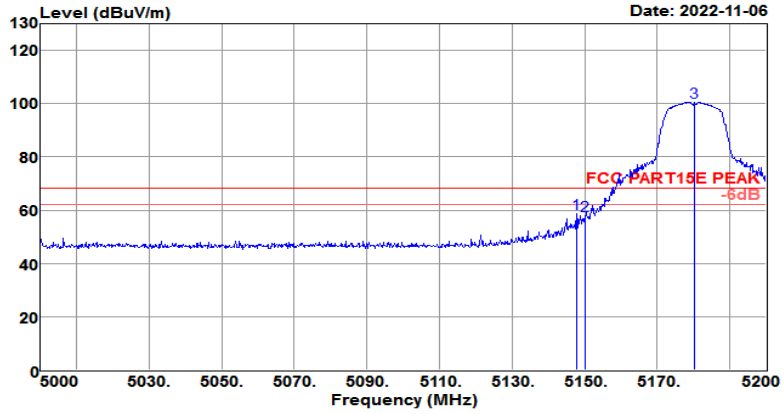
Test Site	: 3m Chamber	Temp/Humi	: 24℃/62%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	32.40	31.32	8.17	35.75	36.14	54.00	-17.86	Average
5179.200	80.35	31.34	8.22	35.72	84.19	54.00	30.19	Average

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Vertical

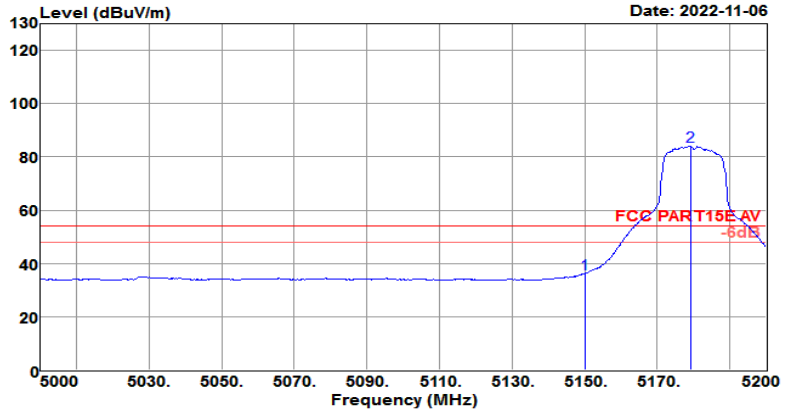
Test Site	: 3m Chamber	Temp/Humi	: 24℃/62%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



Freq MHz	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	55.00	31.32	8.16	35.75	58.73	68.20	-9.47	Peak
5150.000	54.03	31.32	8.17	35.75	57.77	68.20	-10.43	Peak
5180.200	96.80	31.34	8.22	35.72	100.64	68.20	32.44	Peak

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Vertical

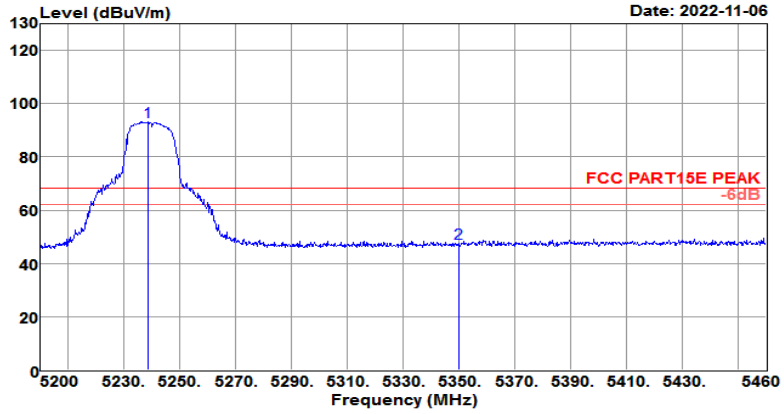
Test Site	: 3m Chamber	Temp/Humi	: 24℃/62%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH36 (5180MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	32.40	31.32	8.17	35.75	36.14	54.00	-17.86	Average
5179.200	80.35	31.34	8.22	35.72	84.19	54.00	30.19	Average

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

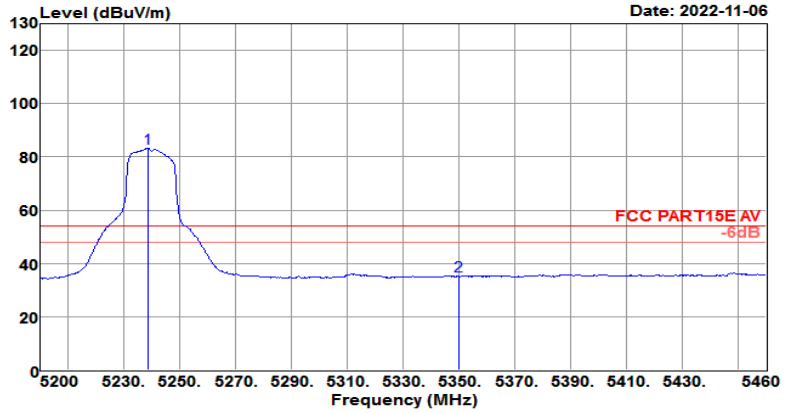
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5238.480	89.04	31.39	8.40	35.66	93.17	68.20	24.97	Peak
5350.000	42.86	31.48	8.84	35.55	47.63	68.20	-20.57	Peak

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

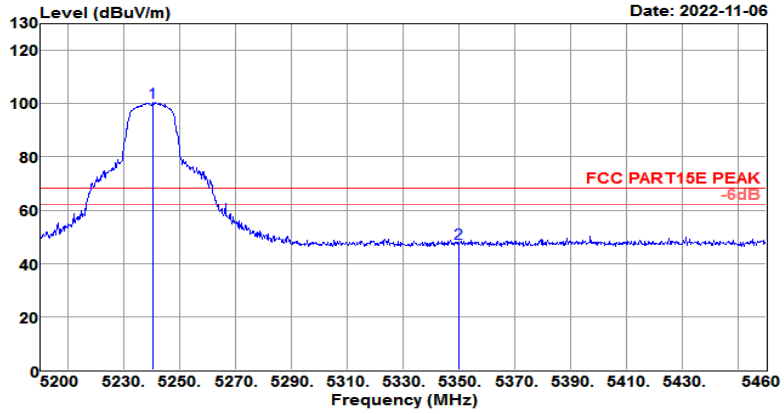
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5238.480	79.01	31.39	8.40	35.66	83.14	54.00	29.14	Average
5350.000	30.37	31.48	8.84	35.55	35.14	54.00	-18.86	Average

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

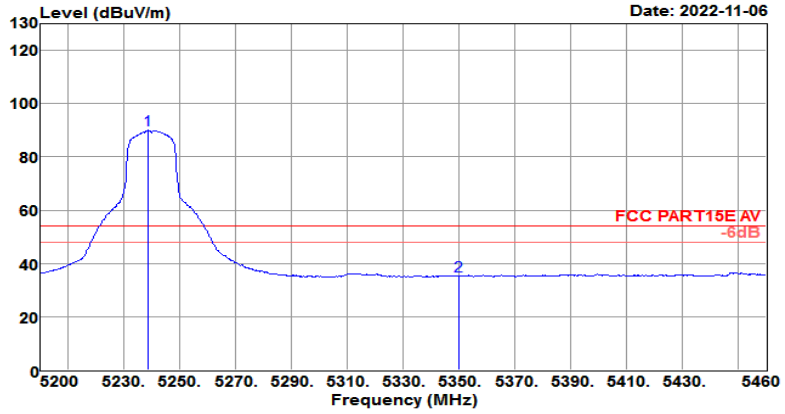
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.300	96.32	31.39	8.41	35.66	100.46	68.20	32.26	Peak
5350.000	42.75	31.48	8.84	35.55	47.52	68.20	-20.68	Peak

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

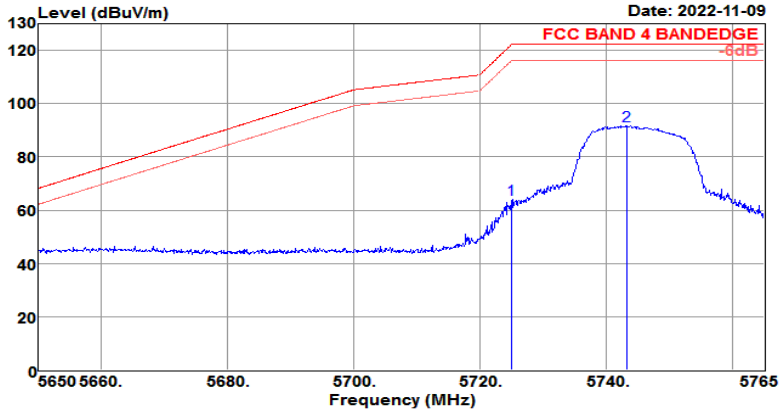
Test Site	: 3m Chamber	Temp/Humi	: 24℃/62%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH48 (5240MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5238.740	85.84	31.39	8.40	35.66	89.97	54.00	35.97	Average
5350.000	30.48	31.48	8.84	35.55	35.25	54.00	-18.75	Average

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.650GHz~5.765GHz	Polarization :	Horizontal

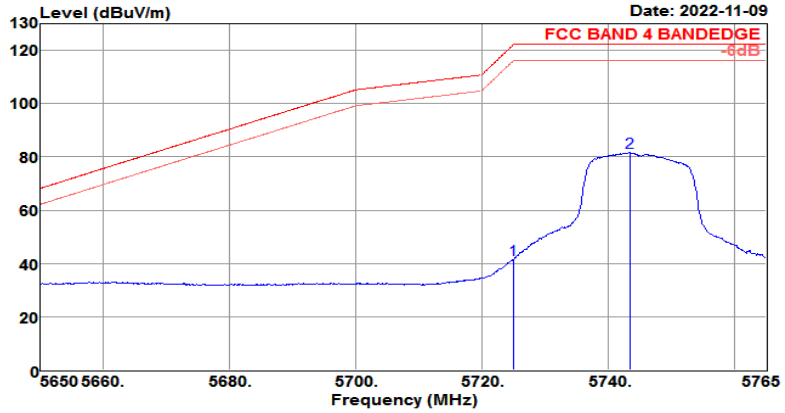
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	59.39	31.96	7.80	35.18	63.97	122.20	-58.23	Peak
5743.265	87.21	31.99	7.69	35.16	91.73	122.20	-30.47	Peak

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.650GHz~5.765GHz	Polarization :	Horizontal

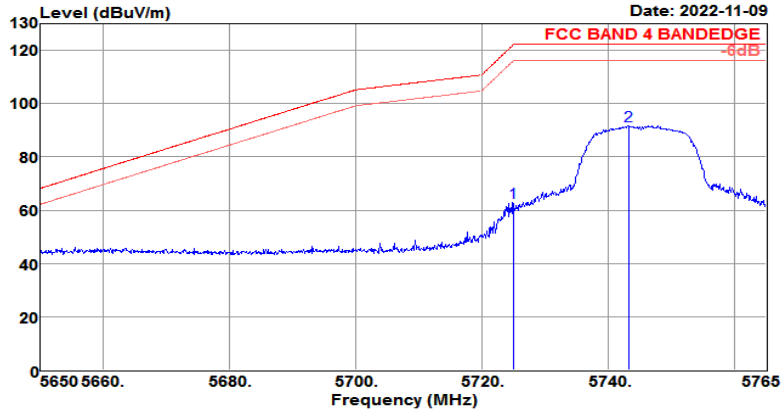
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	36.85	31.96	7.80	35.18	41.43	122.20	-80.77	Average
5743.380	77.08	31.99	7.69	35.16	81.60	122.20	-40.60	Average

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.650GHz~5.765GHz	Polarization :	Vertical

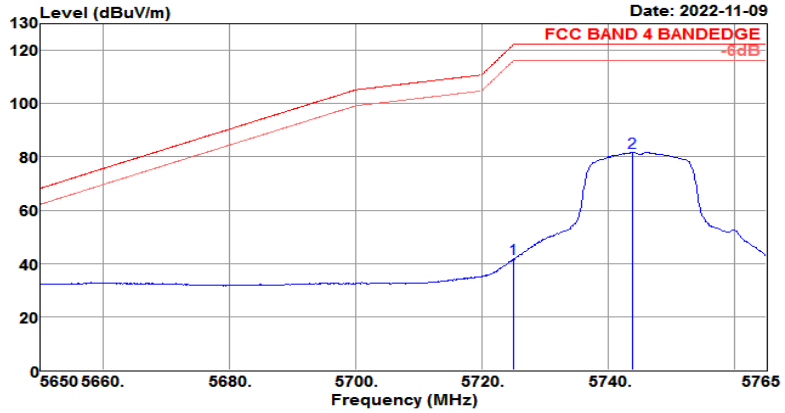
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	58.48	31.96	7.80	35.18	63.06	122.20	-59.14	Peak
5743.265	87.23	31.99	7.69	35.16	91.75	122.20	-30.45	Peak

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.650GHz~5.765GHz	Polarization :	Vertical

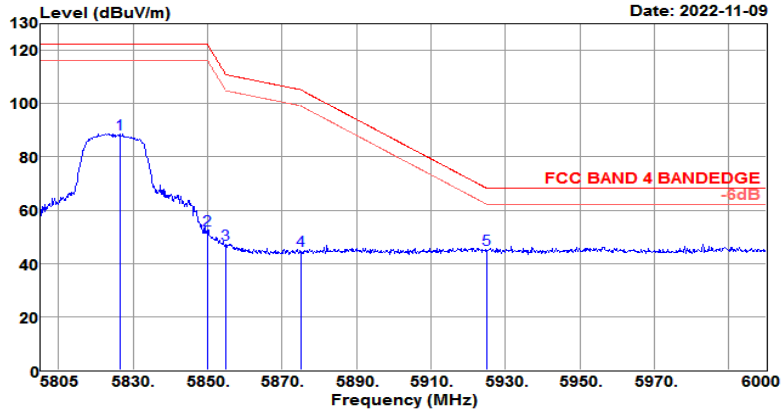
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------                     ----------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------                     ----------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------                     ----------
EUT          : Edge Router
               --------------------
Model No.    : ER605
               --------------------
```



Freq MHz	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	37.08	31.96	7.80	35.18	41.66	122.20	-80.54	Average
5743.840	77.31	31.99	7.68	35.16	81.82	122.20	-40.38	Average

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6.00GHz	Polarization :	Horizontal

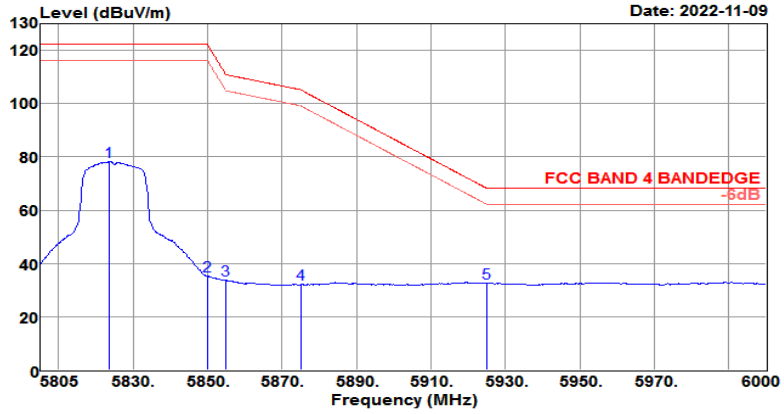
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5826.450	84.20	32.12	7.41	35.07	88.66	122.20	-33.54	Peak
5850.000	48.05	32.16	7.46	35.05	52.62	122.20	-69.58	Peak
5855.000	42.66	32.17	7.47	35.05	47.25	110.80	-63.55	Peak
5875.000	40.37	32.20	7.52	35.03	45.06	105.20	-60.14	Peak
5925.000	40.44	32.28	7.63	34.98	45.37	68.20	-22.83	Peak

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6.00GHz	Polarization :	Horizontal

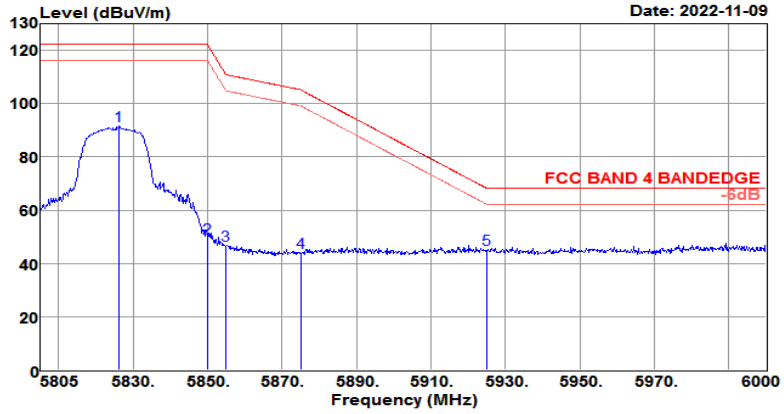
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5823.525	73.91	32.12	7.40	35.08	78.35	122.20	-43.85	Average
5850.000	30.90	32.16	7.46	35.05	35.47	122.20	-86.73	Average
5855.000	29.31	32.17	7.47	35.05	33.90	110.80	-76.90	Average
5875.000	27.36	32.20	7.52	35.03	32.05	105.20	-73.15	Average
5925.000	27.71	32.28	7.63	34.98	32.64	68.20	-35.56	Average

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6.00GHz	Polarization :	Vertical

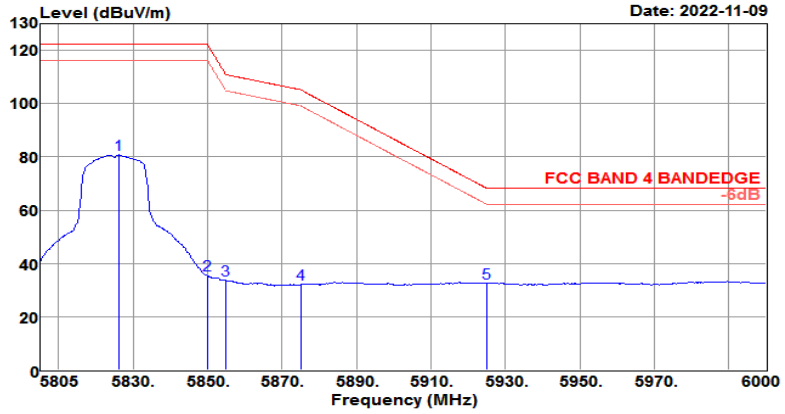
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



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	
5826.255	87.17	32.12	7.41	35.07	91.63	122.20	-30.57	Peak
5850.000	44.85	32.16	7.46	35.05	49.42	122.20	-72.78	Peak
5855.000	42.16	32.17	7.47	35.05	46.75	110.80	-64.05	Peak
5875.000	39.60	32.20	7.52	35.03	44.29	105.20	-60.91	Peak
5925.000	40.44	32.28	7.63	34.98	45.37	68.20	-22.83	Peak

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6.00GHz	Polarization :	Vertical

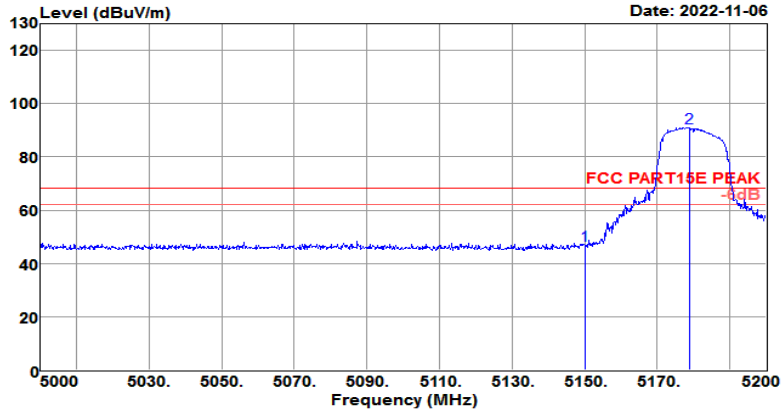
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5826.060	76.29	32.12	7.41	35.07	80.75	122.20	-41.45	Average
5850.000	31.03	32.16	7.46	35.05	35.60	122.20	-86.60	Average
5855.000	29.10	32.17	7.47	35.05	33.69	110.80	-77.11	Average
5875.000	27.47	32.20	7.52	35.03	32.16	105.20	-73.04	Average
5925.000	27.78	32.28	7.63	34.98	32.71	68.20	-35.49	Average

Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Horizontal

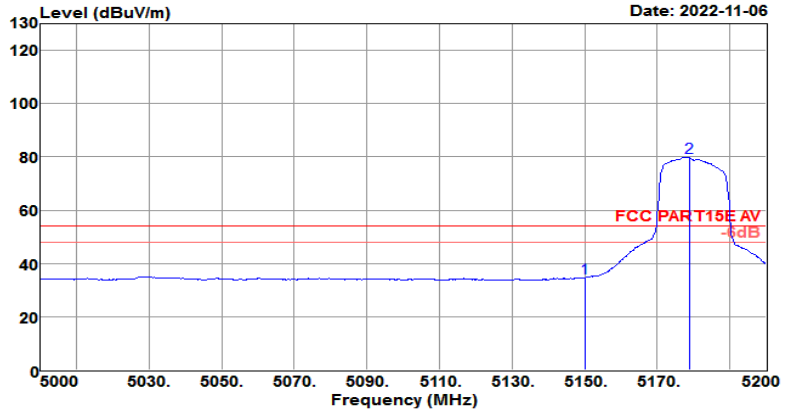
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	43.10	31.32	8.17	35.75	46.84	68.20	-21.36	Peak
5179.000	87.17	31.34	8.22	35.72	91.01	68.20	22.81	Peak

Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Horizontal

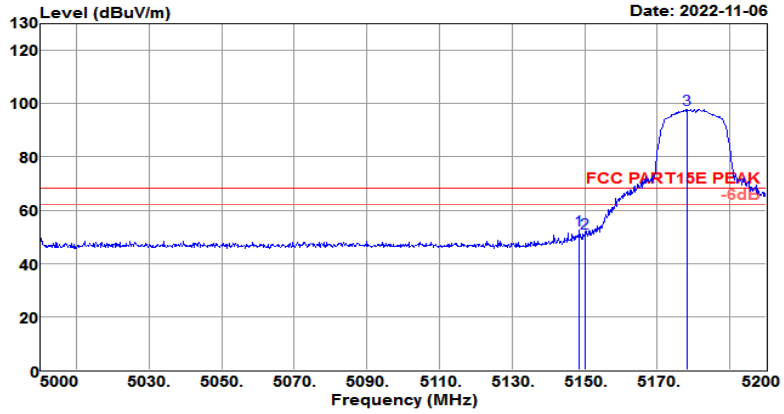
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	30.84	31.32	8.17	35.75	34.58	54.00	-19.42	Average
5178.800	76.07	31.34	8.22	35.72	79.91	54.00	25.91	Average

Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Vertical

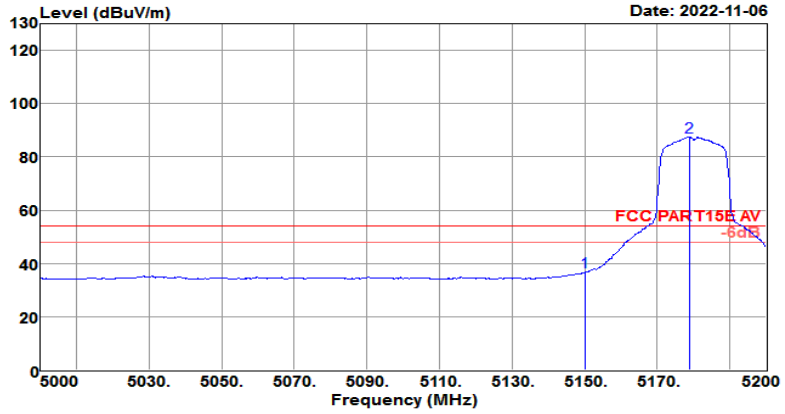
```
Test Site    : 3m Chamber                  Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                        Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz) Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5148.600	48.67	31.32	8.17	35.75	52.41	68.20	-15.79	Peak
5150.000	47.68	31.32	8.17	35.75	51.42	68.20	-16.78	Peak
5178.400	94.09	31.34	8.21	35.72	97.92	68.20	29.72	Peak

Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.0GHz~5.20GHz	Polarization :	Vertical

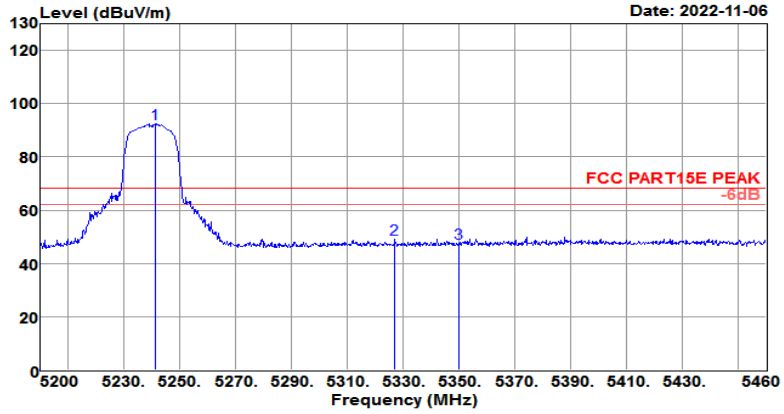
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	32.92	31.32	8.17	35.75	36.66	54.00	-17.34	Average
5179.000	83.55	31.34	8.22	35.72	87.39	54.00	33.39	Average

Test Mode :	802.11n HT 20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

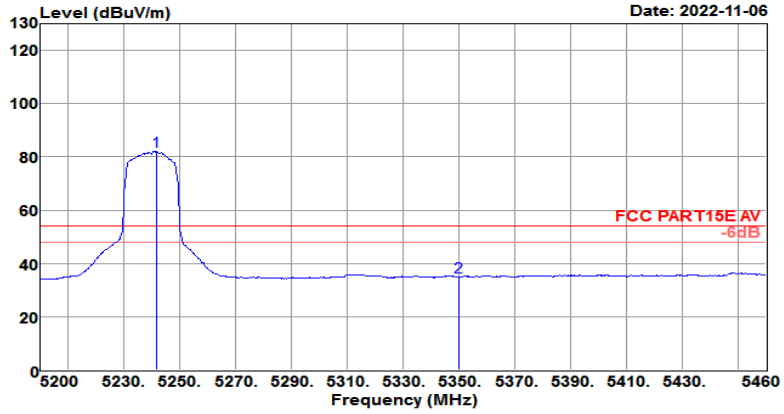
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5241.080	88.39	31.39	8.41	35.66	92.53	68.20	24.33	Peak
5327.140	44.59	31.46	8.75	35.57	49.23	68.20	-18.97	Peak
5350.000	42.80	31.48	8.84	35.55	47.57	68.20	-20.63	Peak

Test Mode :	802.11 n HT 20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

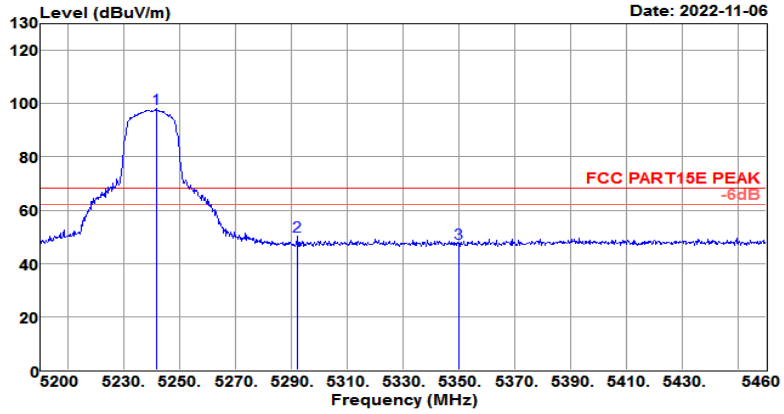
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5241.600	77.98	31.39	8.41	35.66	82.12	54.00	28.12	Average
5350.000	30.32	31.48	8.84	35.55	35.09	54.00	-18.91	Average

Test Mode :	802.11 n HT 20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

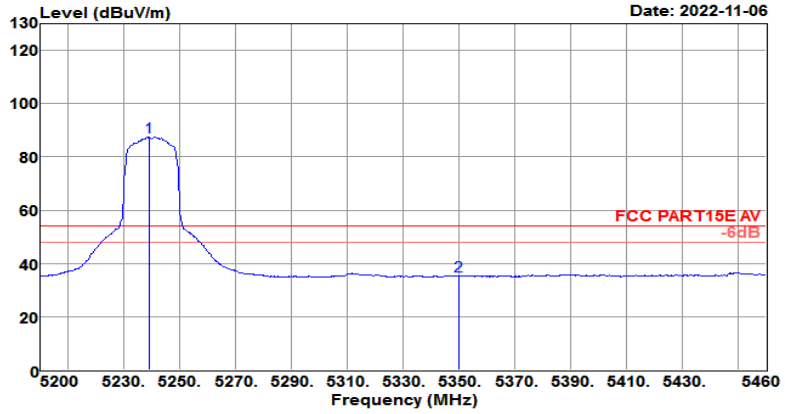
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5241.860	94.09	31.39	8.41	35.66	98.23	68.20	30.03	Peak
5292.300	45.96	31.43	8.61	35.61	50.39	68.20	-17.81	Peak
5350.000	42.84	31.48	8.84	35.55	47.61	68.20	-20.59	Peak

Test Mode :	802.11 n HT 20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

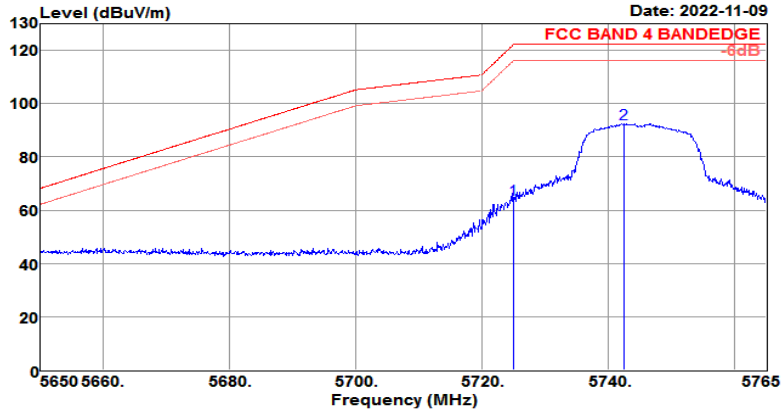
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                   ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                   ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                   ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5239.000	83.28	31.39	8.40	35.66	87.41	54.00	33.41	Average
5350.000	30.41	31.48	8.84	35.55	35.18	54.00	-18.82	Average

Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

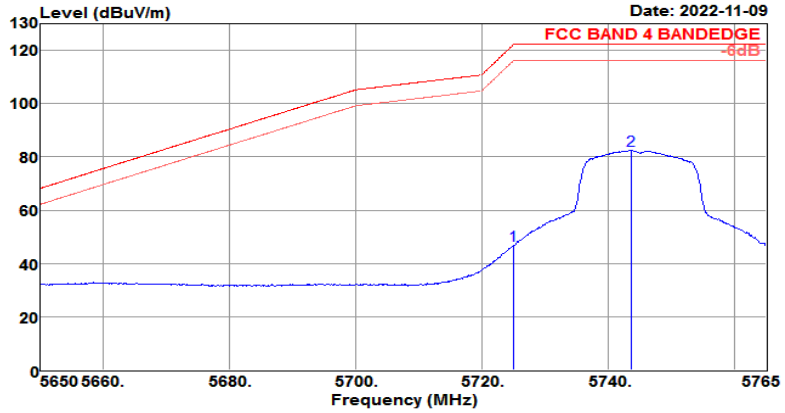
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	59.30	31.96	7.80	35.18	63.88	122.20	-58.32	Peak
5742.460	88.08	31.99	7.69	35.16	92.60	122.20	-29.60	Peak

Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Horizontal

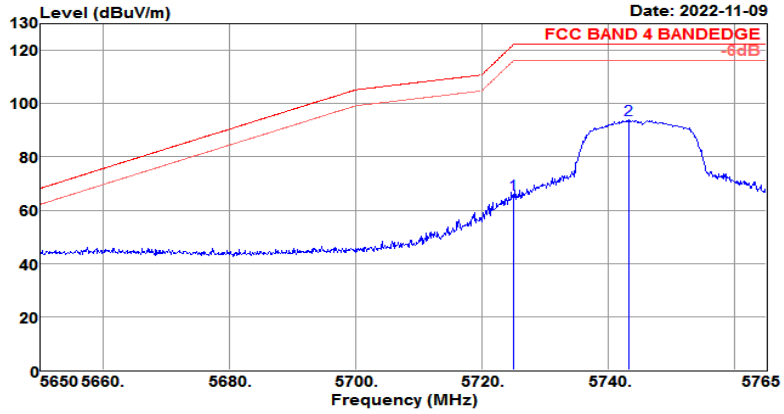
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	42.10	31.96	7.80	35.18	46.68	122.20	-75.52	Average
5743.725	78.10	31.99	7.68	35.16	82.61	122.20	-39.59	Average

Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Vertical

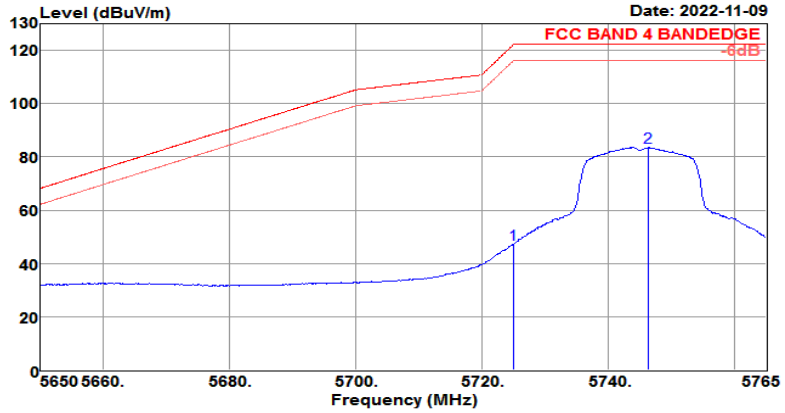
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	61.50	31.96	7.80	35.18	66.08	122.20	-56.12	Peak
5743.265	89.52	31.99	7.69	35.16	94.04	122.20	-28.16	Peak

Test Mode :	802.11 n HT 20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.765GHz	Polarization :	Vertical

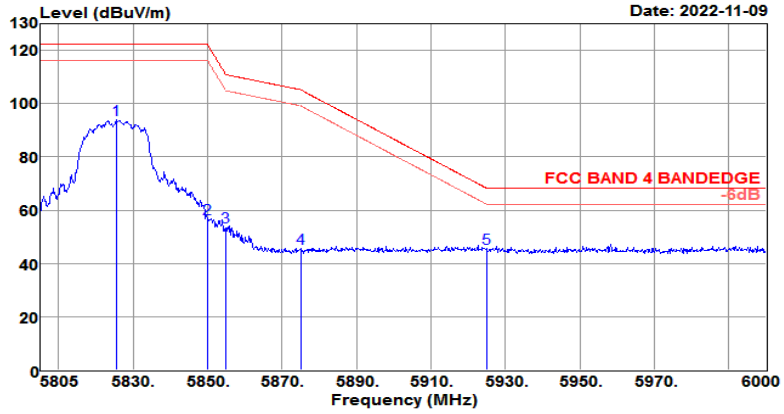
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	42.79	31.96	7.80	35.18	47.37	122.20	-74.83	Average
5746.370	79.07	31.99	7.67	35.15	83.58	122.20	-38.62	Average

Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

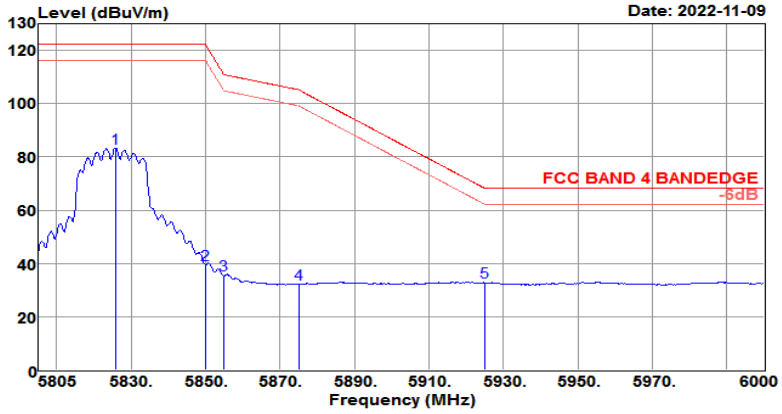
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.475	89.61	32.12	7.41	35.07	94.07	122.20	-28.13	Peak
5850.000	52.36	32.16	7.46	35.05	56.93	122.20	-65.27	Peak
5855.000	49.26	32.17	7.47	35.05	53.85	110.80	-56.95	Peak
5875.000	41.05	32.20	7.52	35.03	45.74	105.20	-59.46	Peak
5925.000	40.59	32.28	7.63	34.98	45.52	68.20	-22.68	Peak

Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6GHz	Polarization :	Horizontal

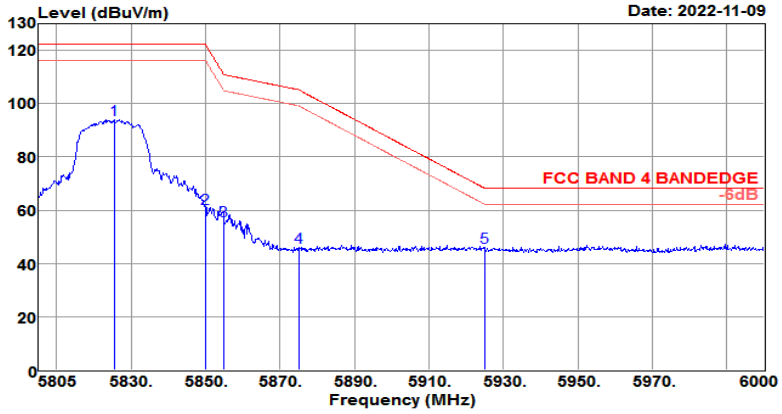
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.865	78.95	32.12	7.41	35.07	83.41	122.20	-38.79	Average
5850.000	34.93	32.16	7.46	35.05	39.50	122.20	-82.70	Average
5855.000	31.20	32.17	7.47	35.05	35.79	110.80	-75.01	Average
5875.000	27.65	32.20	7.52	35.03	32.34	105.20	-72.86	Average
5925.000	27.91	32.28	7.63	34.98	32.84	68.20	-35.36	Average

Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

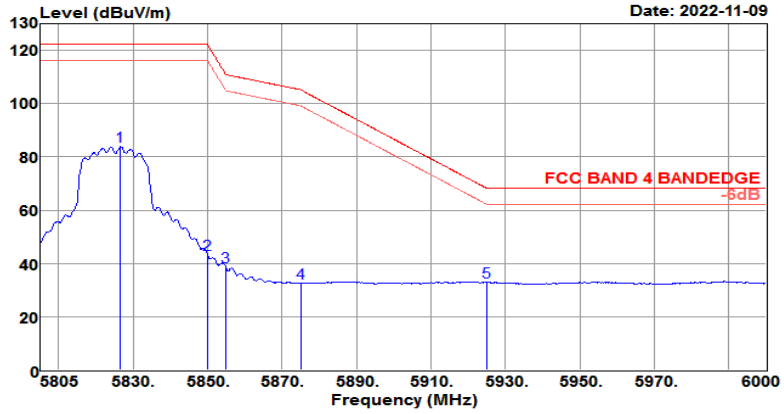
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5825.475	89.68	32.12	7.41	35.07	94.14	122.20	-28.06	Peak
5850.000	56.10	32.16	7.46	35.05	60.67	122.20	-61.53	Peak
5855.000	51.36	32.17	7.47	35.05	55.95	110.80	-54.85	Peak
5875.000	41.48	32.20	7.52	35.03	46.17	105.20	-59.03	Peak
5925.000	41.27	32.28	7.63	34.98	46.20	68.20	-22.00	Peak

Test Mode :	802.11 n HT 20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.805GHz~6GHz	Polarization :	Vertical

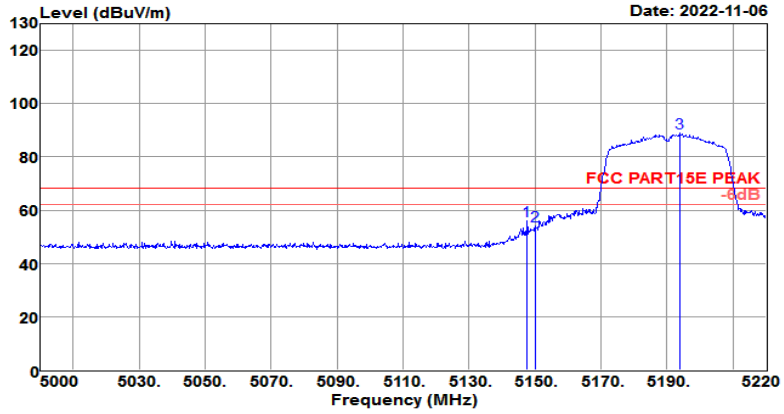
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5826.645	79.46	32.12	7.41	35.07	83.92	122.20	-38.28	Average
5850.000	38.61	32.16	7.46	35.05	43.18	122.20	-79.02	Average
5855.000	34.06	32.17	7.47	35.05	38.65	110.80	-72.15	Average
5875.000	28.00	32.20	7.52	35.03	32.69	105.20	-72.51	Average
5925.000	28.11	32.28	7.63	34.98	33.04	68.20	-35.16	Average

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Horizontal

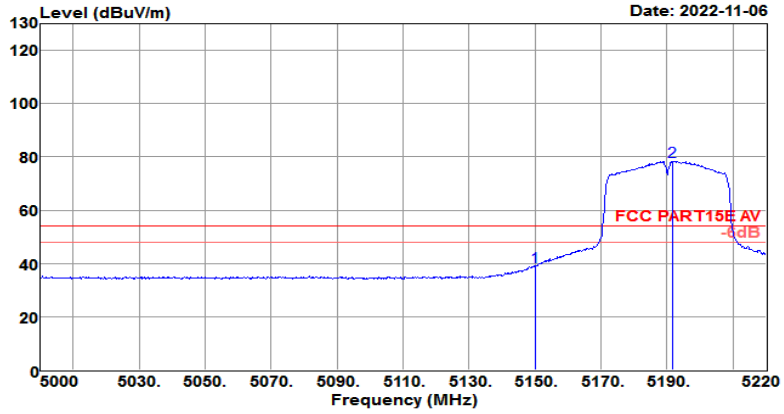
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5147.620	52.30	31.32	8.16	35.75	56.03	68.20	-12.17	Peak
5150.000	50.28	31.32	8.17	35.75	54.02	68.20	-14.18	Peak
5193.820	85.20	31.36	8.24	35.71	89.09	68.20	20.89	Peak

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Horizontal

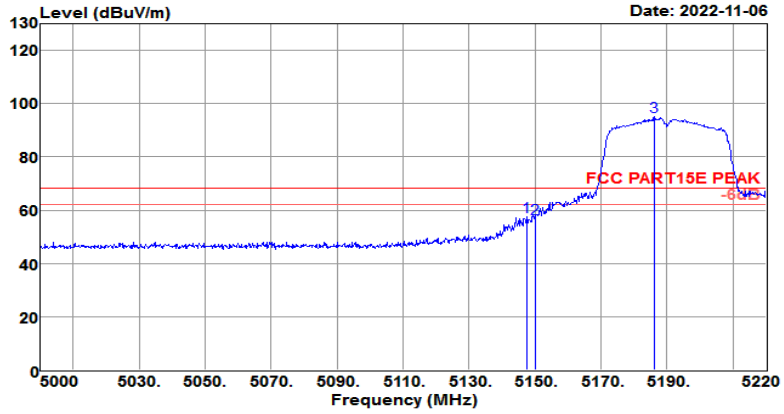
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5150.040	34.94	31.32	8.17	35.75	38.68	54.00	-15.32	Average
5191.840	74.47	31.35	8.24	35.71	78.35	54.00	24.35	Average

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Vertical

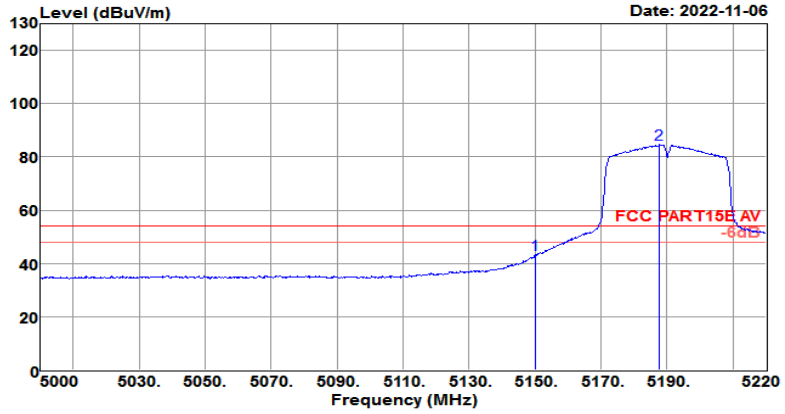
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5147.400	53.99	31.32	8.16	35.75	57.72	68.20	-10.48	Peak
5150.000	53.08	31.32	8.17	35.75	56.82	68.20	-11.38	Peak
5186.120	91.11	31.35	8.23	35.71	94.98	68.20	26.78	Peak

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.00GHz~5.20GHz	Polarization :	Vertical

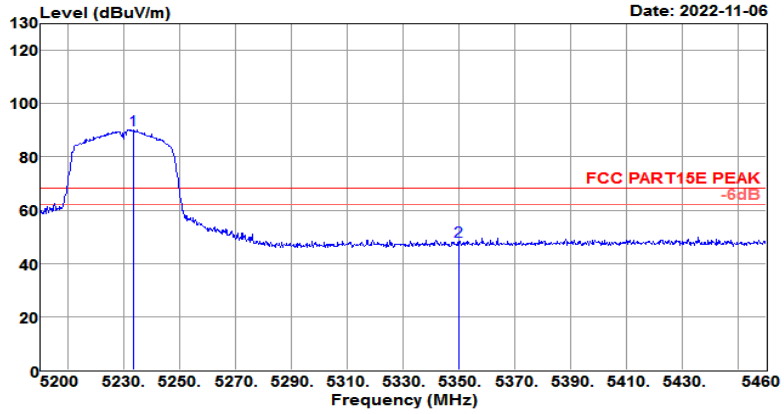
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	39.59	31.32	8.17	35.75	43.33	54.00	-10.67	Average
5187.660	80.71	31.35	8.23	35.71	84.58	54.00	30.58	Average

Test Mode :	802.11n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

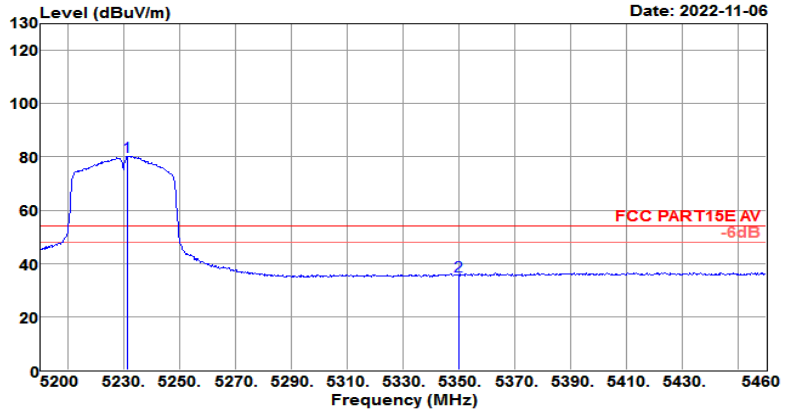
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5233.280	86.17	31.39	8.38	35.67	90.27	68.20	22.07	Peak
5350.000	43.40	31.48	8.84	35.55	48.17	68.20	-20.03	Peak

Test Mode :	802.11n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Horizontal

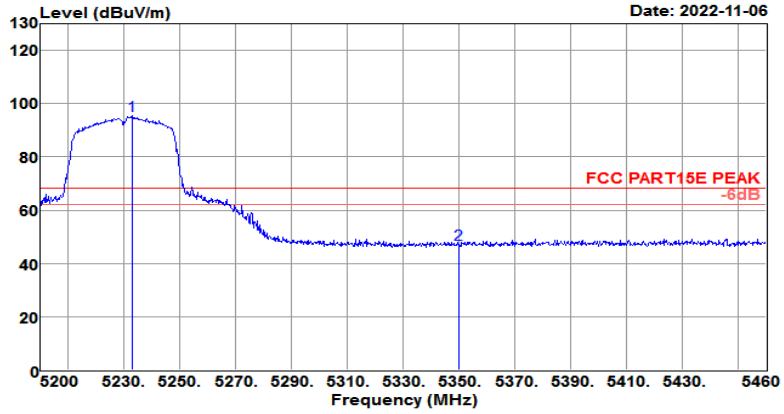
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5231.460	76.18	31.39	8.37	35.67	80.27	54.00	26.27	Average
5350.000	30.70	31.48	8.84	35.55	35.47	54.00	-18.53	Average

Test Mode :	802.11n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

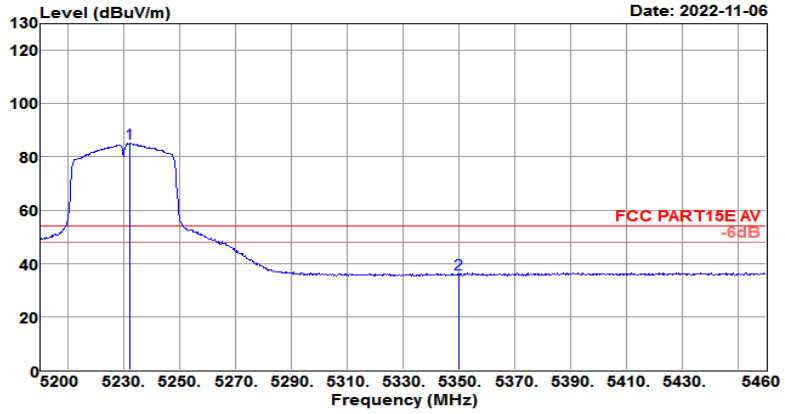
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5233.020	91.32	31.39	8.38	35.67	95.42	68.20	27.22	Peak
5350.000	42.45	31.48	8.84	35.55	47.22	68.20	-20.98	Peak

Test Mode :	802.11n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.20GHz~5.46GHz	Polarization :	Vertical

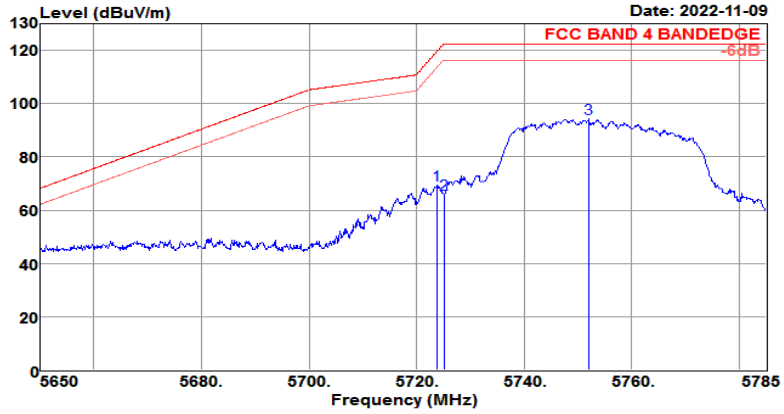
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5232.240	80.97	31.39	8.38	35.67	85.07	54.00	31.07	Average
5350.000	31.22	31.48	8.84	35.55	35.99	54.00	-18.01	Average

Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Horizontal

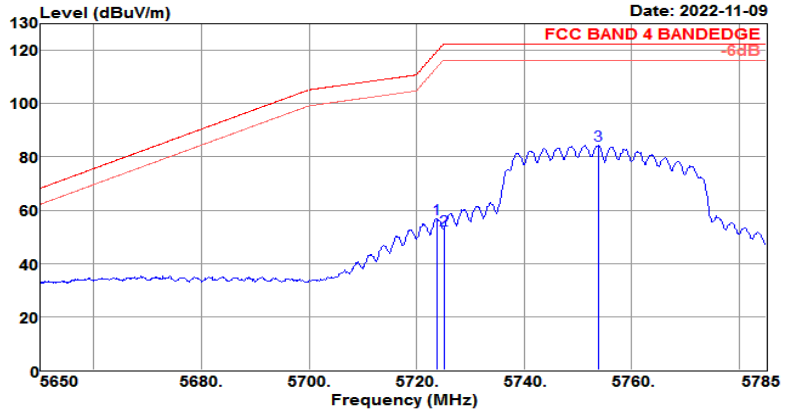
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5723.845	64.86	31.96	7.80	35.18	69.44	119.57	-50.13	Peak
5725.060	61.45	31.96	7.80	35.17	66.04	122.20	-56.16	Peak
5752.060	89.71	32.00	7.64	35.15	94.20	122.20	-28.00	Peak

Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Horizontal

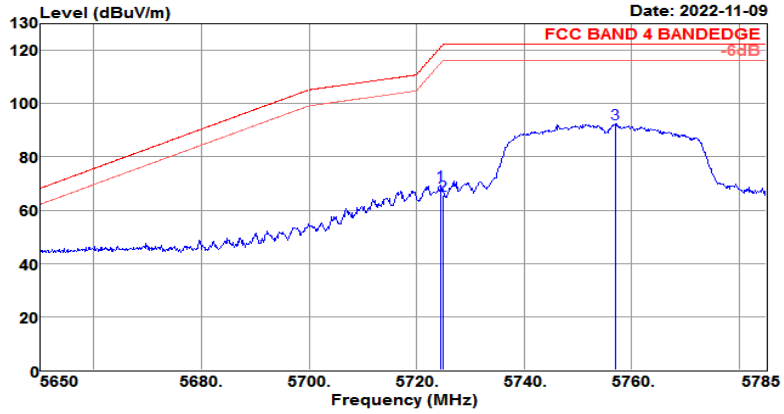
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5723.845	52.16	31.96	7.80	35.18	56.74	119.57	-62.83	Average
5725.060	47.93	31.96	7.80	35.17	52.52	122.20	-69.68	Average
5753.815	79.83	32.01	7.62	35.15	84.31	122.20	-37.89	Average

Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Vertical

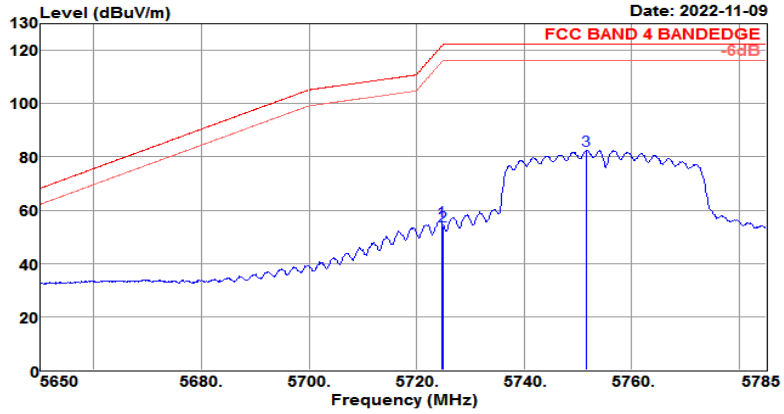
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5724.385	64.93	31.96	7.80	35.18	69.51	120.80	-51.29	Peak
5725.000	61.13	31.96	7.80	35.18	65.71	122.20	-56.49	Peak
5756.920	88.02	32.01	7.61	35.14	92.50	122.20	-29.70	Peak

Test Mode :	802.11n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.65GHz~5.785GHz	Polarization :	Vertical

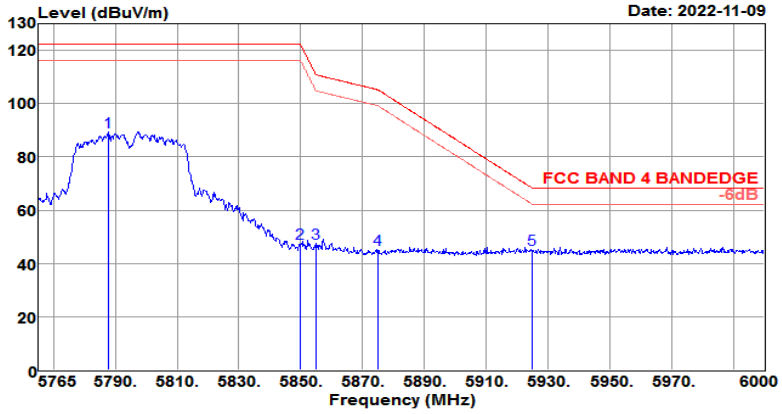
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5724.655	51.31	31.96	7.80	35.18	55.89	121.41	-65.52	Average
5725.000	49.36	31.96	7.80	35.18	53.94	122.20	-68.26	Average
5751.655	78.13	32.00	7.64	35.15	82.62	122.20	-39.58	Average

Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.765GHz~6GHz	Polarization :	Horizontal

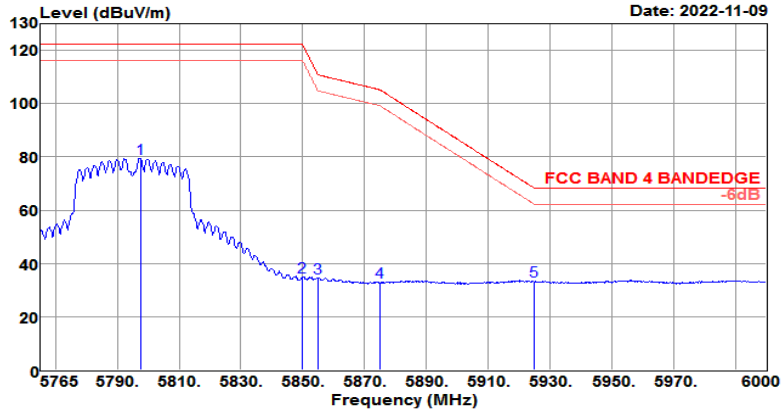
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5787.795	85.17	32.06	7.42	35.11	89.54	122.20	-32.66	Peak
5850.000	42.95	32.16	7.46	35.05	47.52	122.20	-74.68	Peak
5855.000	42.86	32.17	7.47	35.05	47.45	110.80	-63.35	Peak
5875.000	40.42	32.20	7.52	35.03	45.11	105.20	-60.09	Peak
5925.000	40.41	32.28	7.63	34.98	45.34	68.20	-22.86	Peak

Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.765GHz~6GHz	Polarization :	Horizontal

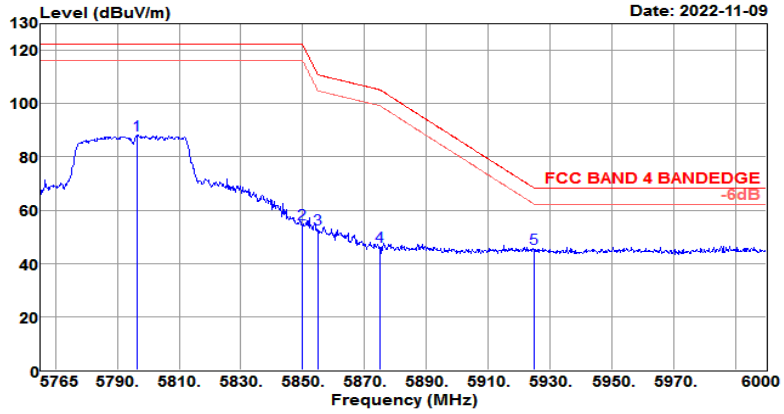
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5797.430	75.18	32.08	7.37	35.10	79.53	122.20	-42.67	Average
5850.000	30.38	32.16	7.46	35.05	34.95	122.20	-87.25	Average
5855.000	29.93	32.17	7.47	35.05	34.52	110.80	-76.28	Average
5875.000	28.33	32.20	7.52	35.03	33.02	105.20	-72.18	Average
5925.000	28.38	32.28	7.63	34.98	33.31	68.20	-34.89	Average

Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.765GHz~6GHz	Polarization :	Vertical

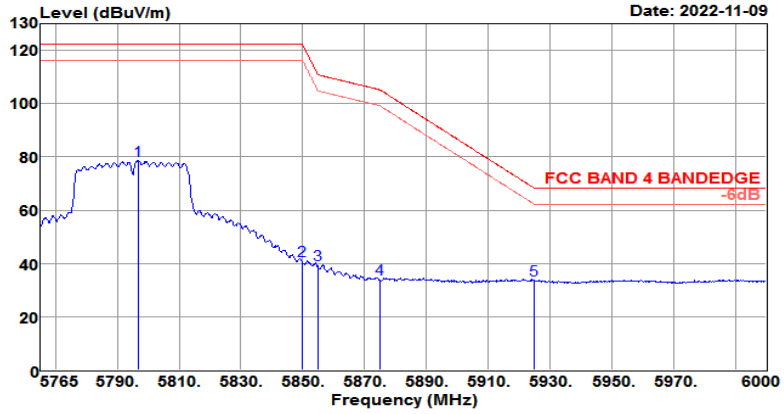
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5796.490	83.89	32.07	7.37	35.10	88.23	122.20	-33.97	Peak
5850.000	50.45	32.16	7.46	35.05	55.02	122.20	-67.18	Peak
5855.000	48.54	32.17	7.47	35.05	53.13	110.80	-57.67	Peak
5875.000	41.77	32.20	7.52	35.03	46.46	105.20	-58.74	Peak
5925.000	40.76	32.28	7.63	34.98	45.69	68.20	-22.51	Peak

Test Mode :	802.11n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.765GHz~6GHz	Polarization :	Vertical

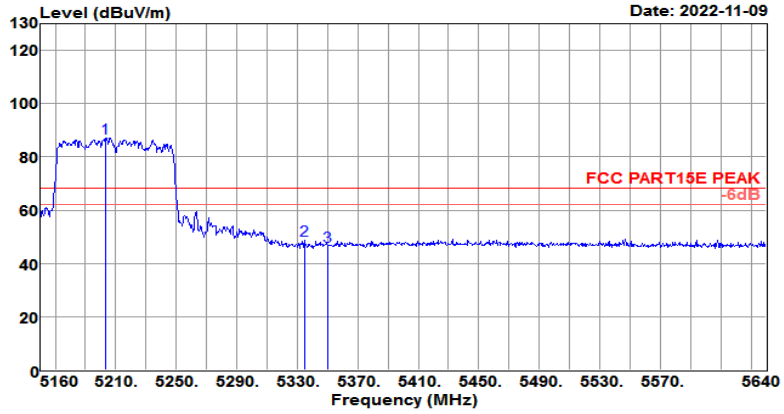
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5796.725	74.32	32.07	7.37	35.10	78.66	122.20	-43.54	Average
5850.000	36.58	32.16	7.46	35.05	41.15	122.20	-81.05	Average
5855.000	35.11	32.17	7.47	35.05	39.70	110.80	-71.10	Average
5875.000	29.35	32.20	7.52	35.03	34.04	105.20	-71.16	Average
5925.000	28.81	32.28	7.63	34.98	33.74	68.20	-34.46	Average

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.16GHz~5.64GHz	Polarization :	Horizontal

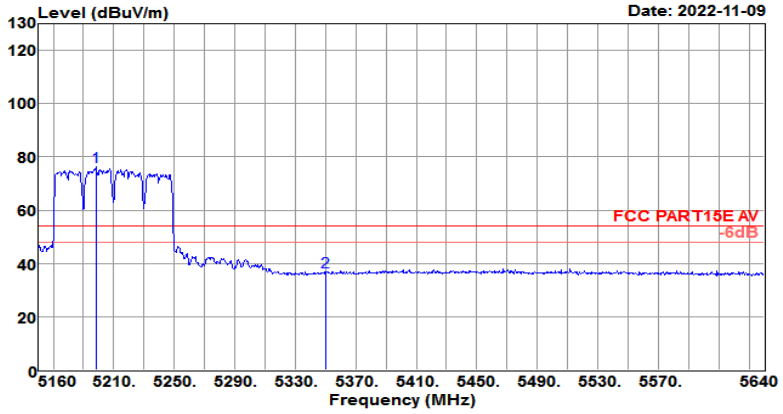
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5203.680	83.87	31.36	7.52	35.70	87.05	68.20	18.85	Peak
5334.720	44.49	31.47	8.43	35.57	48.82	68.20	-19.38	Peak
5350.000	42.03	31.48	8.53	35.55	46.49	68.20	-21.71	Peak

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.16GHz~5.64GHz	Polarization :	Horizontal

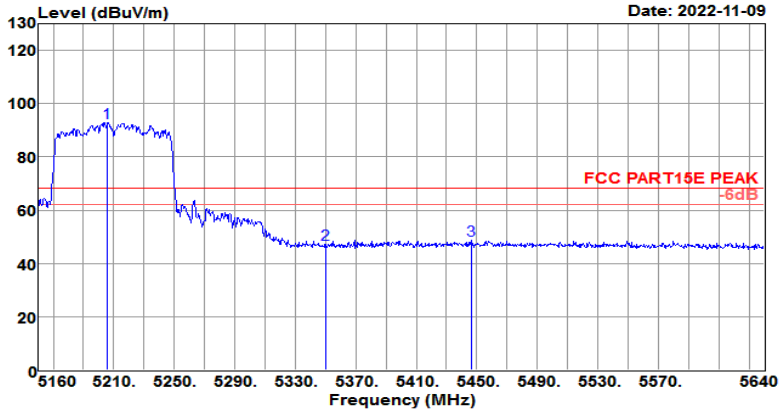
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11ac VHT80 CH42(5210MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5198.400	73.03	31.36	7.49	35.70	76.18	54.00	22.18	Average
5350.000	32.29	31.48	8.53	35.55	36.75	54.00	-17.25	Average

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.16GHz~5.64GHz	Polarization :	Vertical

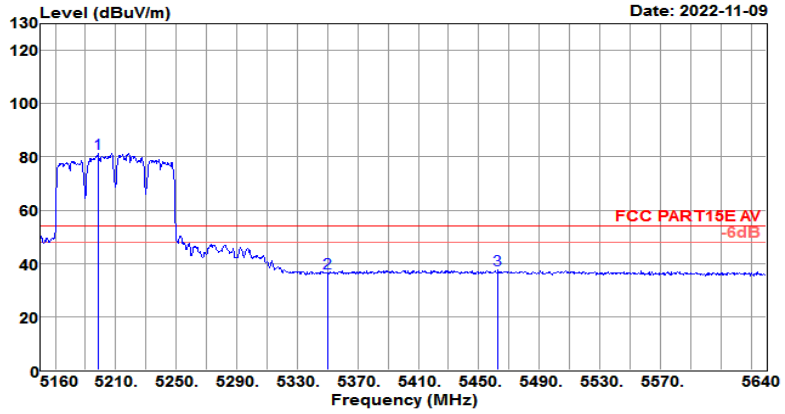
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11ac VHT80 CH42(5210MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5206.080	89.80	31.36	7.53	35.69	93.00	68.20	24.80	Peak
5350.080	42.66	31.48	8.53	35.55	47.12	68.20	-21.08	Peak
5446.560	43.92	31.56	8.74	35.45	48.77	68.20	-19.43	Peak

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.16GHz~5.64GHz	Polarization :	Vertical

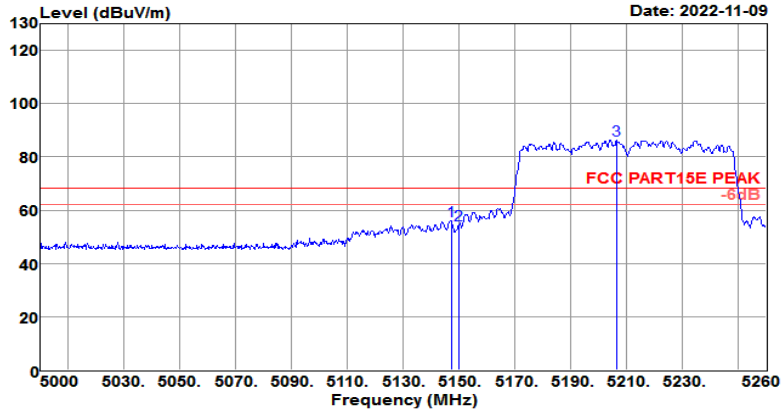
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11ac VHT80 CH42(5210MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5198.400	78.06	31.36	7.49	35.70	81.21	54.00	27.21	Average
5350.000	32.16	31.48	8.53	35.55	36.62	54.00	-17.38	Average
5462.880	32.63	31.57	8.69	35.44	37.45	54.00	-16.55	Average

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5GHz~5.26GHz	Polarization :	Horizontal

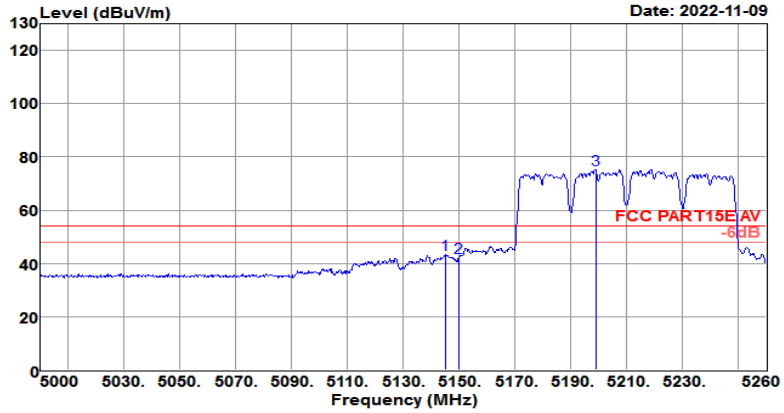
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5147.160	52.87	31.32	7.60	35.75	56.04	68.20	-12.16	Peak
5150.000	51.31	31.32	7.59	35.75	54.47	68.20	-13.73	Peak
5206.440	83.20	31.37	7.53	35.69	86.41	68.20	18.21	Peak

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5GHz~5.26GHz	Polarization :	Horizontal

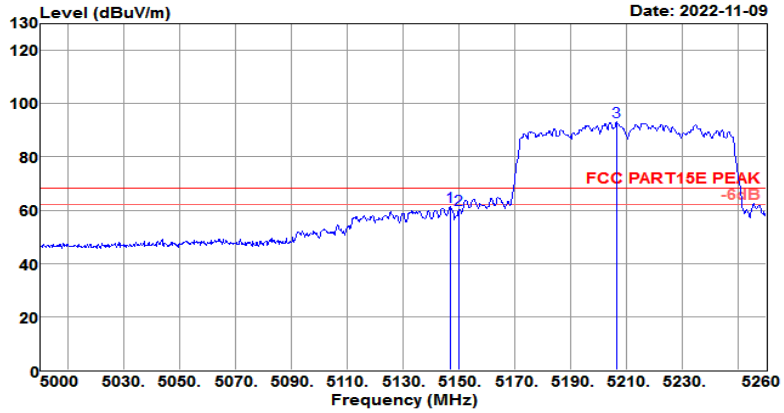
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5145.080	40.29	31.32	7.60	35.75	43.46	54.00	-10.54	Average
5150.020	39.07	31.32	7.59	35.75	42.23	54.00	-11.77	Average
5198.900	72.11	31.36	7.49	35.70	75.26	54.00	21.26	Average

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5GHz~5.26GHz	Polarization :	Vertical

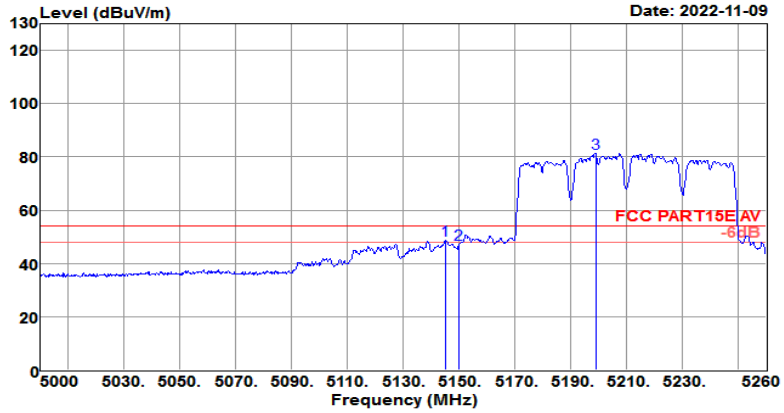
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5146.900	58.15	31.32	7.60	35.75	61.32	68.20	-6.88	Peak
5150.000	56.96	31.32	7.59	35.75	60.12	68.20	-8.08	Peak
5206.440	89.80	31.37	7.53	35.69	93.01	68.20	24.81	Peak

Test Mode :	802.11ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5GHz~5.26GHz	Polarization :	Vertical

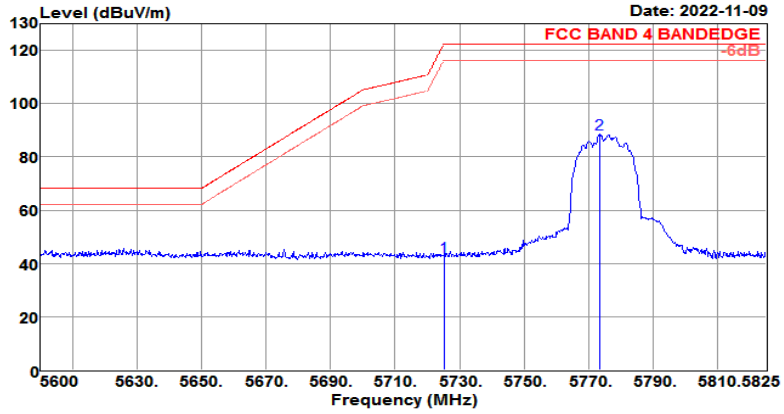
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5145.340	45.48	31.32	7.60	35.75	48.65	54.00	-5.35	Average
5150.000	44.09	31.32	7.59	35.75	47.25	54.00	-6.75	Average
5198.900	78.08	31.36	7.49	35.70	81.23	54.00	27.23	Average

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.6GHz~5.825GHz	Polarization :	Horizontal

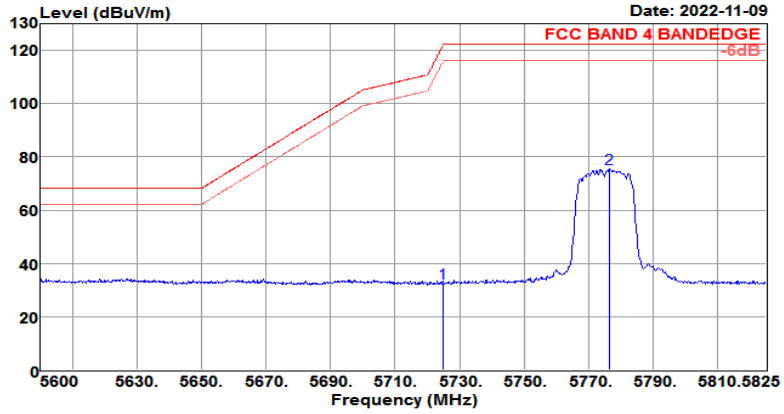
```
Test Site    : 3m Chamber                      Temp/Humi    : 23℃/61%
               --------------------------                   ----------------
Tested by    : Jack                            Pol/Phase    : HORIZONTAL
               --------------------------                   ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                   ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5725.100	38.62	31.96	7.29	35.17	42.70	122.20	-79.50	Peak
5773.475	84.61	32.04	6.91	35.13	88.43	122.20	-33.77	Peak

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.6GHz~5.825GHz	Polarization :	Horizontal

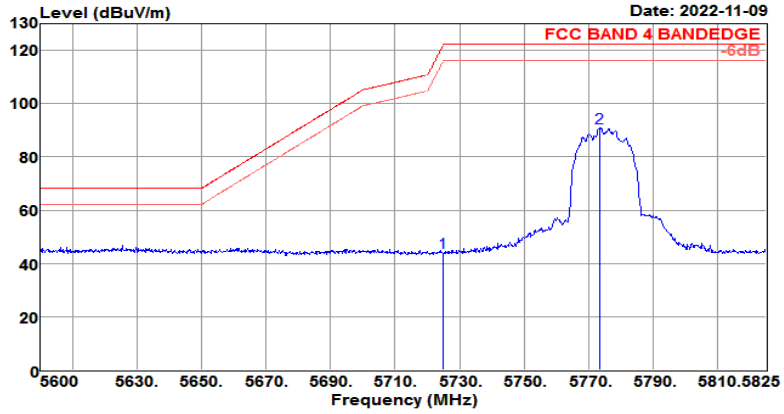
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	28.69	31.96	7.29	35.18	32.76	122.20	-89.44	Average
5776.625	71.82	32.04	6.88	35.12	75.62	122.20	-46.58	Average

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.6GHz~5.825GHz	Polarization :	Vertical

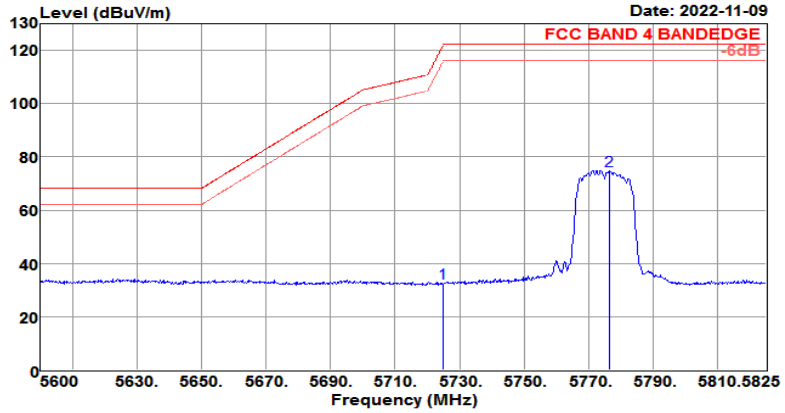
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	40.13	31.96	7.29	35.18	44.20	122.20	-78.00	Peak
5773.475	87.13	32.04	6.91	35.13	90.95	122.20	-31.25	Peak

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.6GHz~5.825GHz	Polarization :	Vertical

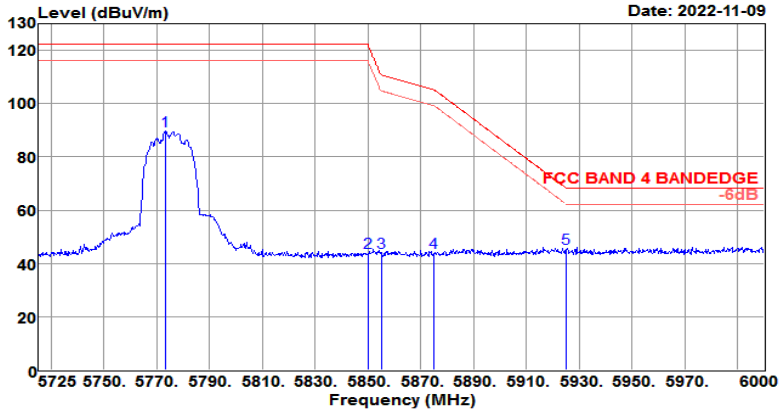
```
Test Site    : 3m Chamber                      Temp/Humi    : 23℃/61%
               --------------------------                   ----------------
Tested by    : Jack                            Pol/Phase    : VERTICAL
               --------------------------                   ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                   ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	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	28.59	31.96	7.29	35.18	32.66	122.20	-89.54	Average
5776.400	71.17	32.04	6.89	35.12	74.98	122.20	-47.22	Average

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.725GHz~6GHz	Polarization :	Horizontal

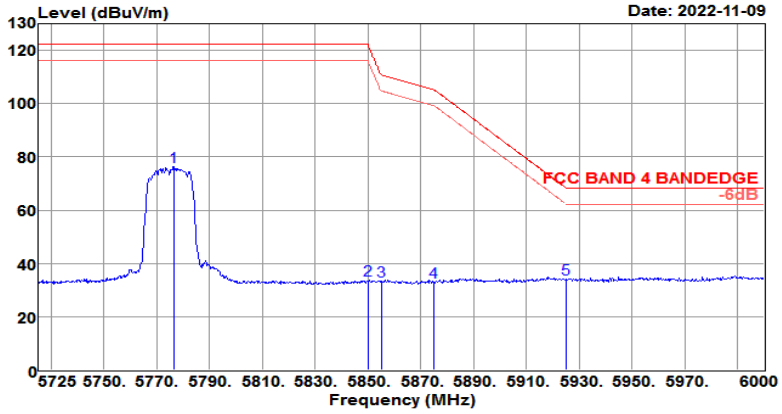
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5773.125	85.78	32.04	6.91	35.13	89.60	122.20	-32.60	Peak
5850.000	40.08	32.16	7.10	35.05	44.29	122.20	-77.91	Peak
5855.000	40.02	32.17	7.14	35.05	44.28	110.80	-66.52	Peak
5875.000	39.47	32.20	7.30	35.03	43.94	105.20	-61.26	Peak
5925.000	40.64	32.28	7.70	34.98	45.64	68.20	-22.56	Peak

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.725GHz~6GHz	Polarization :	Horizontal

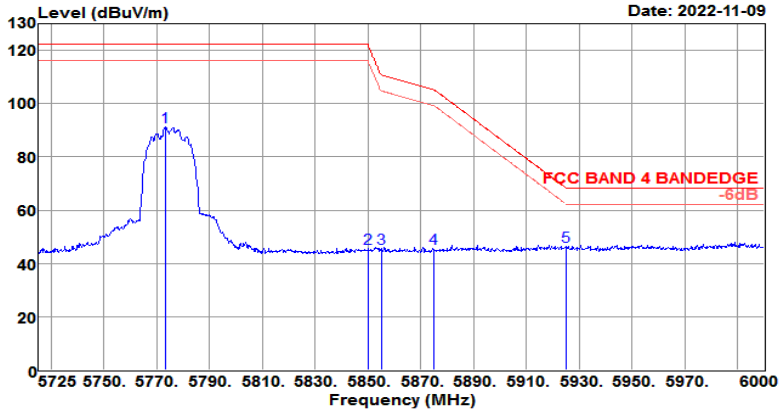
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5776.425	72.48	32.04	6.89	35.12	76.29	122.20	-45.91	Average
5850.000	29.37	32.16	7.10	35.05	33.58	122.20	-88.62	Average
5855.000	29.25	32.17	7.14	35.05	33.51	110.80	-77.29	Average
5875.000	28.60	32.20	7.30	35.03	33.07	105.20	-72.13	Average
5925.000	28.95	32.28	7.70	34.98	33.95	68.20	-34.25	Average

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.725GHz~6GHz	Polarization :	Vertical

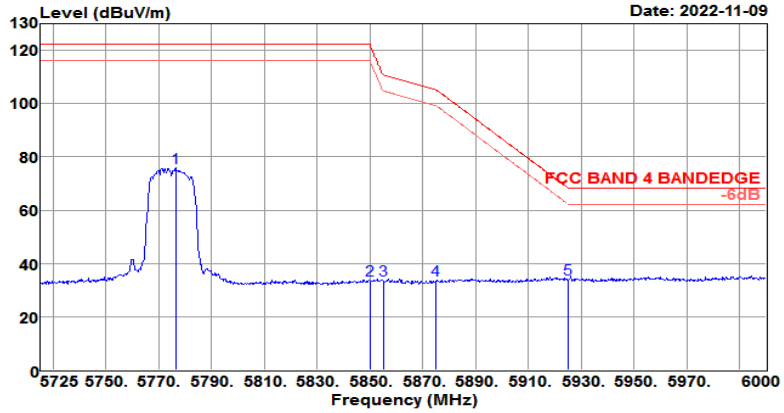
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5773.125	87.48	32.04	6.91	35.13	91.30	122.20	-30.90	Peak
5850.000	41.39	32.16	7.10	35.05	45.60	122.20	-76.60	Peak
5855.000	41.47	32.17	7.14	35.05	45.73	110.80	-65.07	Peak
5875.000	41.05	32.20	7.30	35.03	45.52	105.20	-59.68	Peak
5925.000	41.46	32.28	7.70	34.98	46.46	68.20	-21.74	Peak

Test Mode :	802.11ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	5.725GHz~6GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

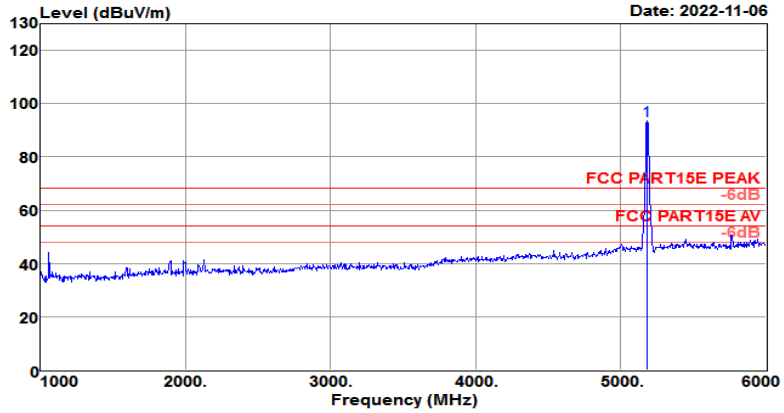


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5776.425	71.94	32.04	6.89	35.12	75.75	122.20	-46.45	Average
5850.000	29.73	32.16	7.10	35.05	33.94	122.20	-88.26	Average
5855.000	29.39	32.17	7.14	35.05	33.65	110.80	-77.15	Average
5875.000	29.27	32.20	7.30	35.03	33.74	105.20	-71.46	Average
5925.000	29.23	32.28	7.70	34.98	34.23	68.20	-33.97	Average

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

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

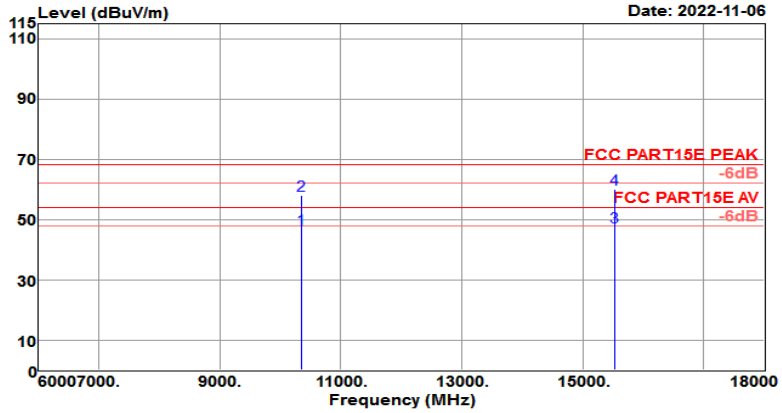
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	89.78	31.34	8.22	35.72	93.62	68.20	25.42	Peak

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

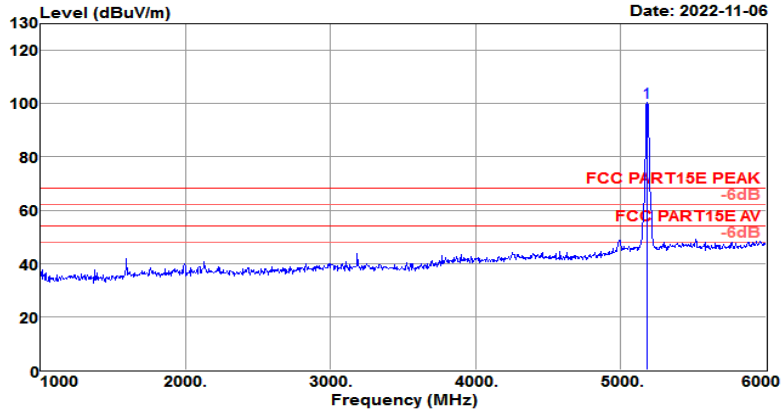


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	28.31	39.20	13.23	33.83	46.91	54.00	-7.09	Average
10360.000	39.28	39.20	13.23	33.83	57.88	68.20	-10.32	Peak
15540.000	19.94	38.43	20.83	31.52	47.68	54.00	-6.32	Average
15540.000	32.28	38.43	20.83	31.52	60.02	68.20	-8.18	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

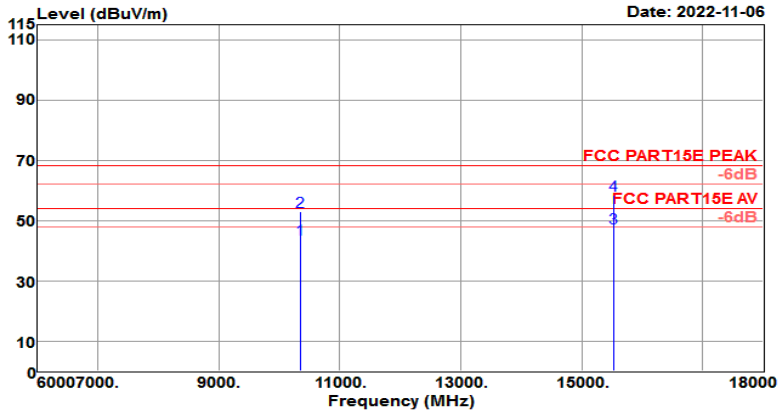
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



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	
5180.000	96.67	31.34	8.22	35.72	100.51	68.20	32.31	Peak

Test Mode :	802.11a CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH36 (5180MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```

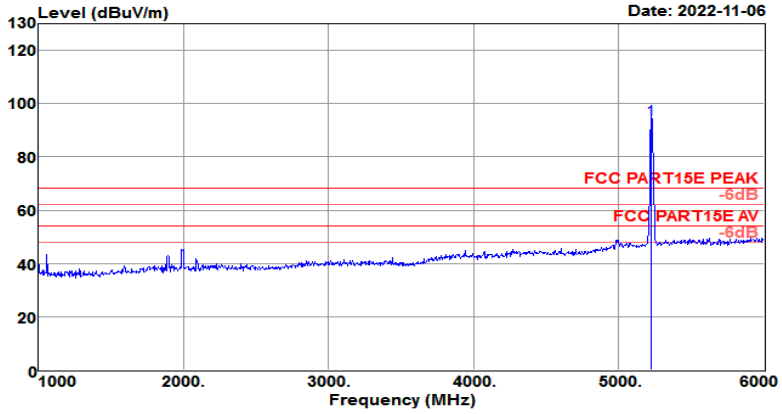


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.20	39.20	13.23	33.83	43.80	54.00	-10.20	Average
10360.000	34.19	39.20	13.23	33.83	52.79	68.20	-15.41	Peak
15540.000	19.94	38.43	20.83	31.52	47.68	54.00	-6.32	Average
15540.000	30.49	38.43	20.83	31.52	58.23	68.20	-9.97	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH44 5220MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

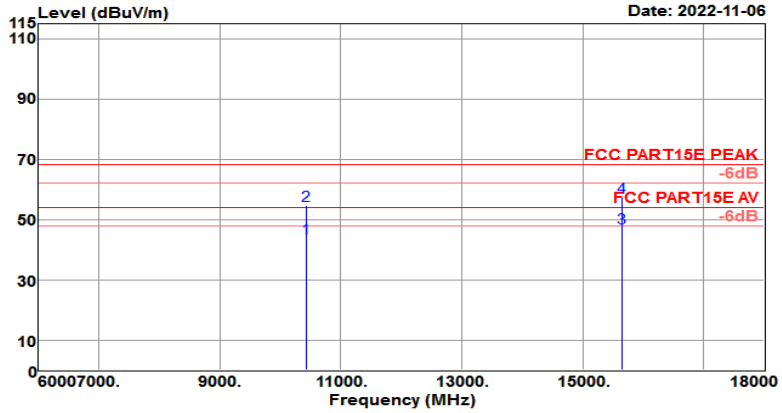
Test Site	: 3m Chamber	Temp/Humi	: 24℃/62%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH44 (5220MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5220.000	90.06	31.38	8.33	35.68	94.09	68.20	25.89	Peak

Test Mode :	802.11a CH44 5220MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH44 (5220MHz)    Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

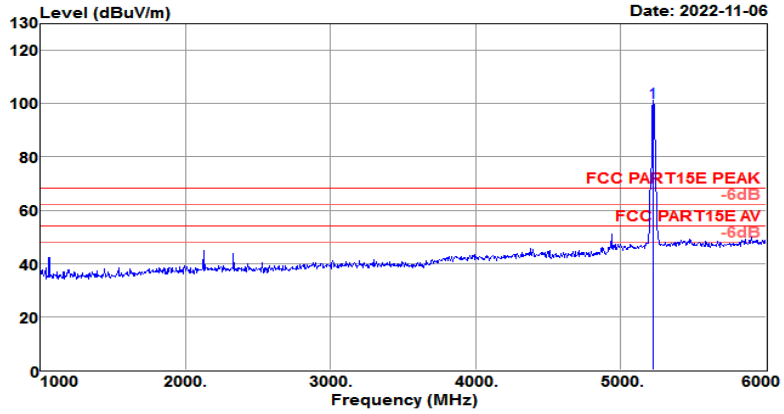


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10440.000	24.98	39.32	13.29	33.73	43.86	54.00	-10.14	Average
10440.000	35.63	39.32	13.29	33.73	54.51	68.20	-13.69	Peak
15660.000	20.03	38.21	20.44	31.44	47.24	54.00	-6.76	Average
15660.000	29.98	38.21	20.44	31.44	57.19	68.20	-11.01	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH44 5220MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

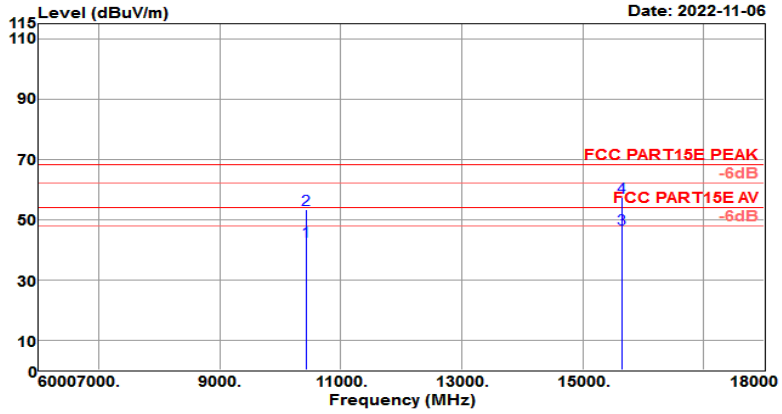
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH44 (5220MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



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	
5220.000	96.41	31.38	8.33	35.68	100.44	68.20	32.24	Peak

Test Mode :	802.11a CH44 5220MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH44 (5220MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```

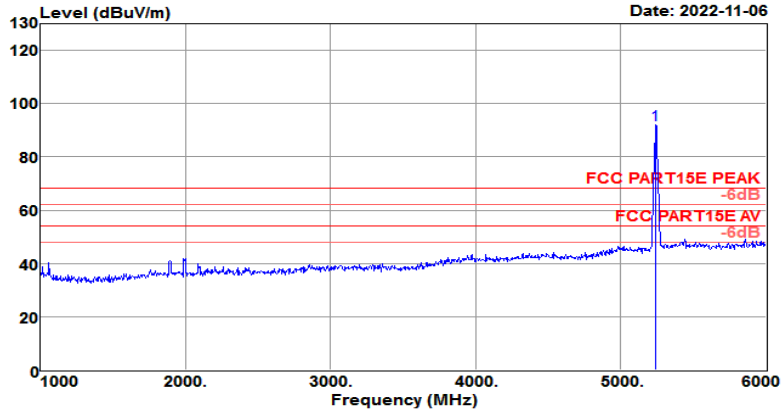


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10440.000	23.89	39.32	13.29	33.73	42.77	54.00	-11.23	Average
10440.000	34.54	39.32	13.29	33.73	53.42	68.20	-14.78	Peak
15660.000	19.60	38.21	20.44	31.44	46.81	54.00	-7.19	Average
15660.000	30.27	38.21	20.44	31.44	57.48	68.20	-10.72	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

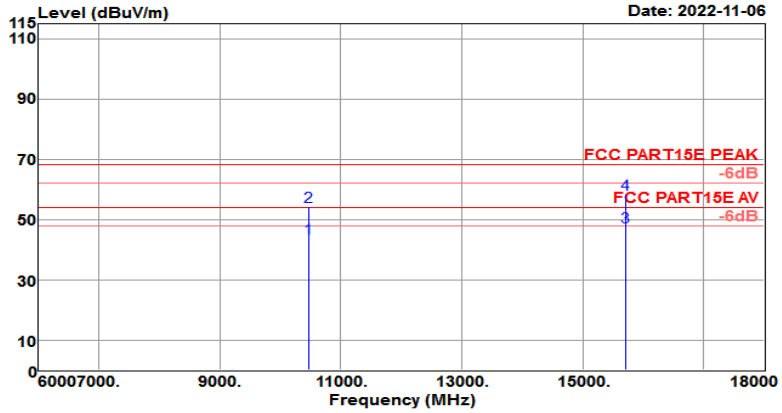
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
               --------------------------                ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------                ----------------
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
               --------------------------                ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5240.000	88.09	31.39	8.41	35.66	92.23	68.20	24.03	Peak

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

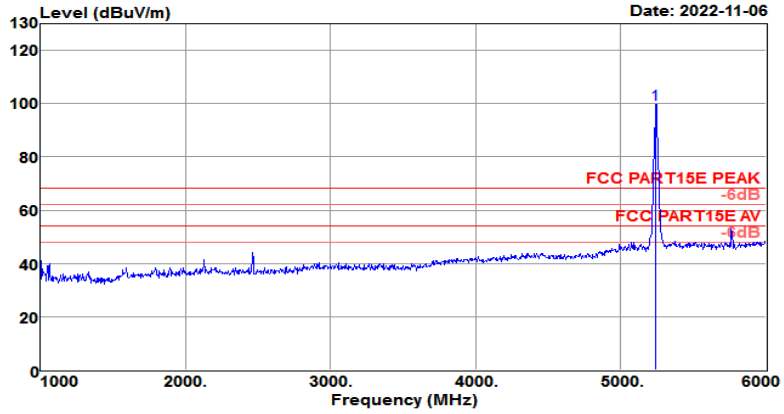


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	24.85	39.37	13.32	33.68	43.86	54.00	-10.14	Average
10480.000	35.44	39.37	13.32	33.68	54.45	68.20	-13.75	Peak
15720.000	20.54	38.10	20.24	31.40	47.48	54.00	-6.52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

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

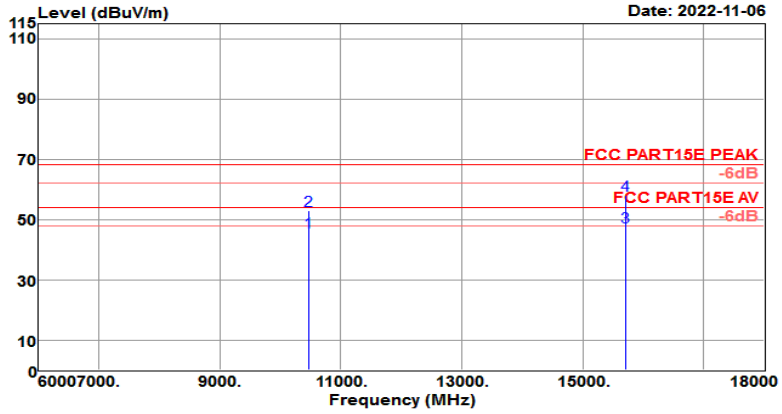
```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	95.60	31.39	8.41	35.66	99.74	68.20	31.54	Peak

Test Mode :	802.11a CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 24℃/62%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH48 (5240MHz)    Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```

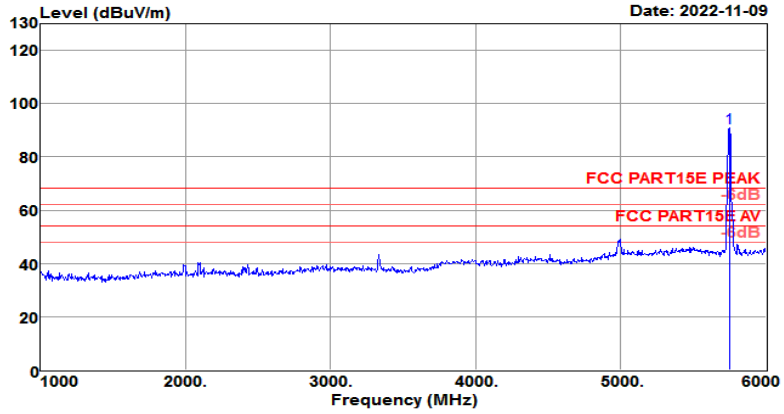


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	26.85	39.37	13.32	33.68	45.86	54.00	-8.14	Average
10480.000	33.95	39.37	13.32	33.68	52.96	68.20	-15.24	Peak
15720.000	20.65	38.10	20.24	31.40	47.59	54.00	-6.41	Average
15720.000	30.95	38.10	20.24	31.40	57.89	68.20	-10.31	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

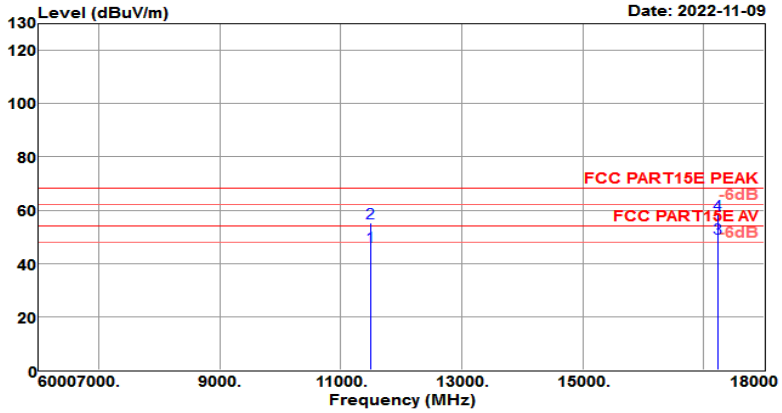
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	86.24	31.99	7.68	35.16	90.75	68.20	22.55	Peak

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

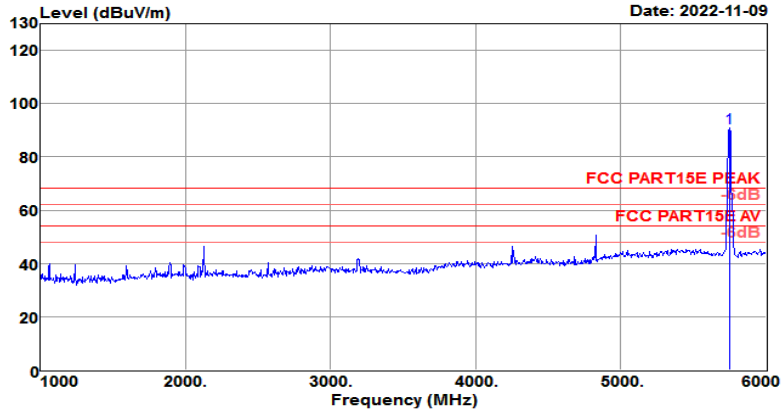


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	25.11	39.70	14.52	32.90	46.43	54.00	-7.57	Average
11490.000	33.85	39.70	14.52	32.90	55.17	68.20	-13.03	Peak
17235.000	21.52	40.90	17.34	30.19	49.57	54.00	-4.43	Average
17235.000	30.18	40.90	17.34	30.19	58.23	68.20	-9.97	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

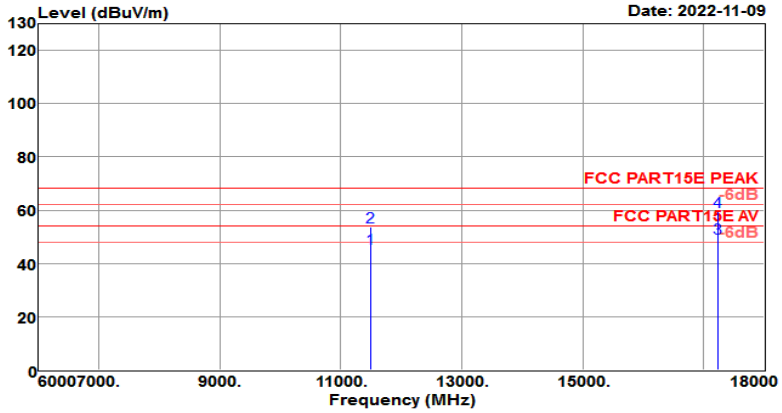
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5745.000	86.49	31.99	7.68	35.16	91.00	68.20	22.80	Peak

Test Mode :	802.11a CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a CH149 (5745MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

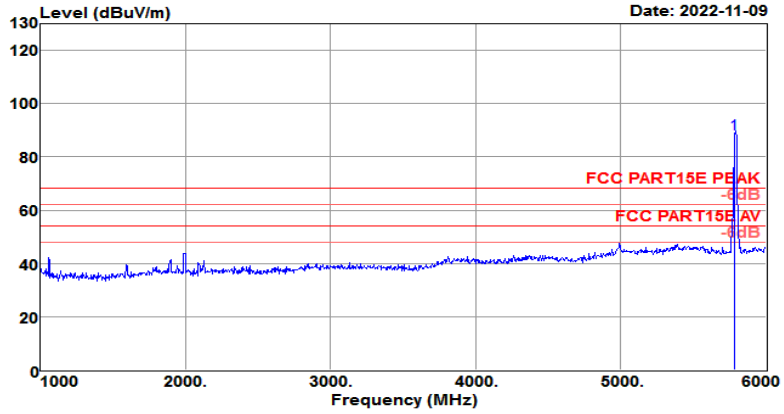


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	24.39	39.70	14.52	32.90	45.71	54.00	-8.29	Average
11490.000	32.30	39.70	14.52	32.90	53.62	68.20	-14.58	Peak
17235.000	21.36	40.90	17.34	30.19	49.41	54.00	-4.59	Average
17235.000	31.33	40.90	17.34	30.19	59.38	68.20	-8.82	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

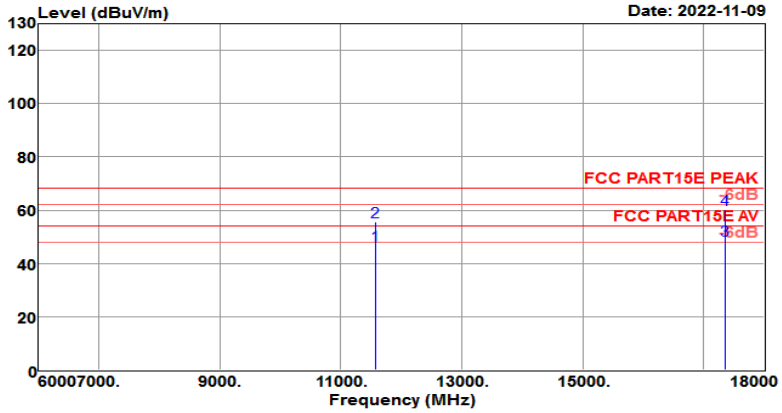
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH157 (5785MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5785.000	84.36	32.06	7.44	35.12	88.74	68.20	20.54	Peak

Test Mode :	802.11a CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH157 (5785MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

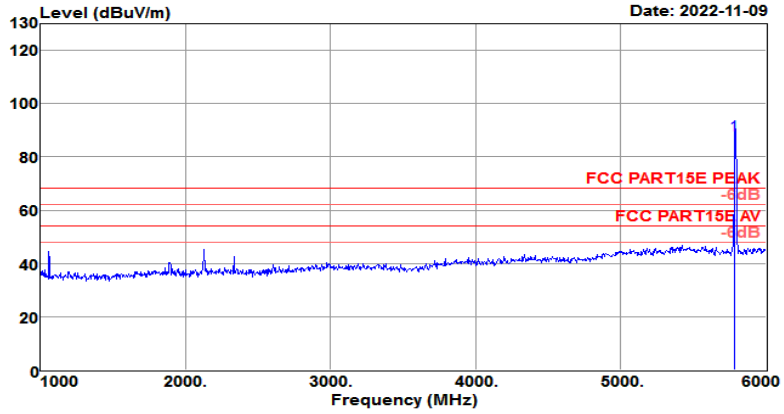


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.26	39.56	14.68	32.89	46.61	54.00	-7.39	Average
11570.000	34.18	39.56	14.68	32.89	55.53	68.20	-12.67	Peak
17355.000	20.61	41.31	16.94	30.28	48.58	54.00	-5.42	Average
17355.000	32.15	41.31	16.94	30.28	60.12	68.20	-8.08	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

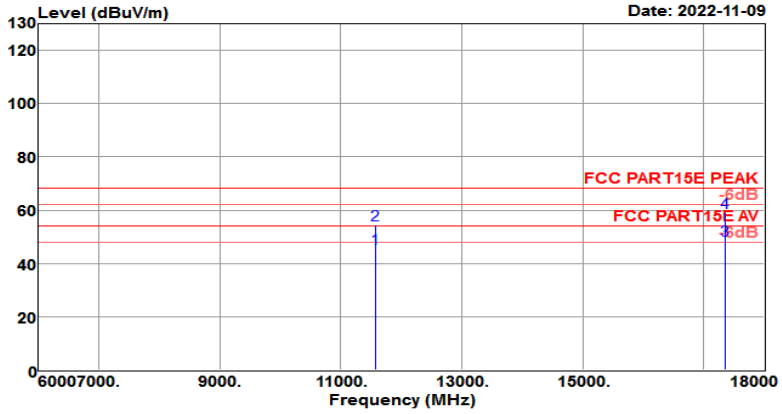
```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a CH157 (5785MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	83.79	32.06	7.44	35.12	88.17	68.20	19.97	Peak

Test Mode :	802.11a CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
Tested by    : Jack                      Pol/Phase    : VERTICAL
Test Mode    : 802.11a CH157 (5785MHz)   Power rating: DC 12V
EUT          : Edge Router
Model No.    : ER605
```

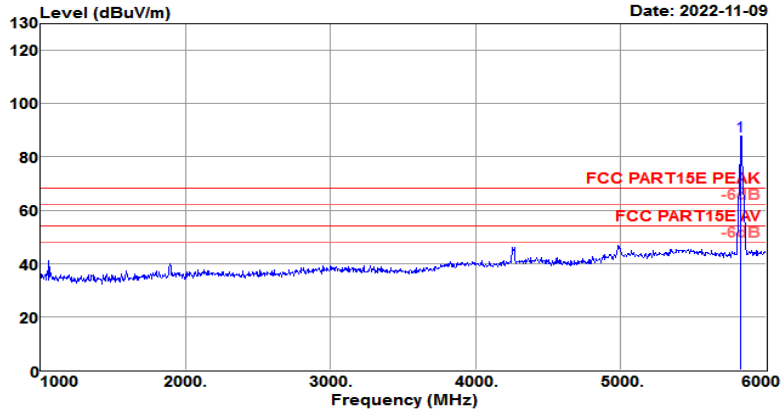


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	24.46	39.56	14.68	32.89	45.81	54.00	-8.19	Average
11570.000	32.93	39.56	14.68	32.89	54.28	68.20	-13.92	Peak
17355.000	20.87	41.31	16.94	30.28	48.84	54.00	-5.16	Average
17355.000	31.15	41.31	16.94	30.28	59.12	68.20	-9.08	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

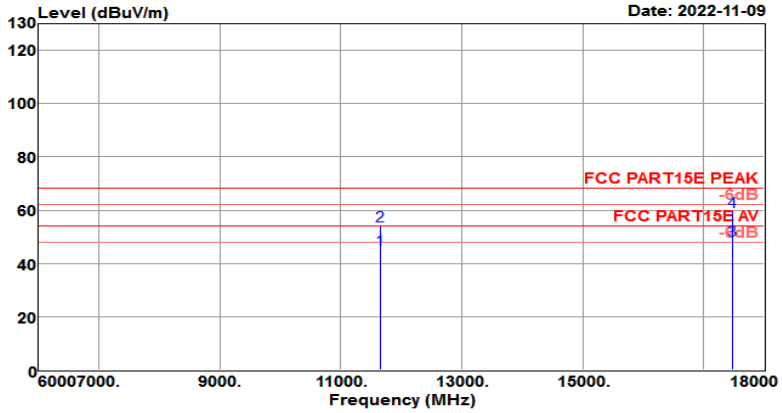
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11a CH165 (5825MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5825.000	83.40	32.12	7.41	35.08	87.85	68.20	19.65	Peak

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : HORIZONTAL
               --------------------------               ----------------
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

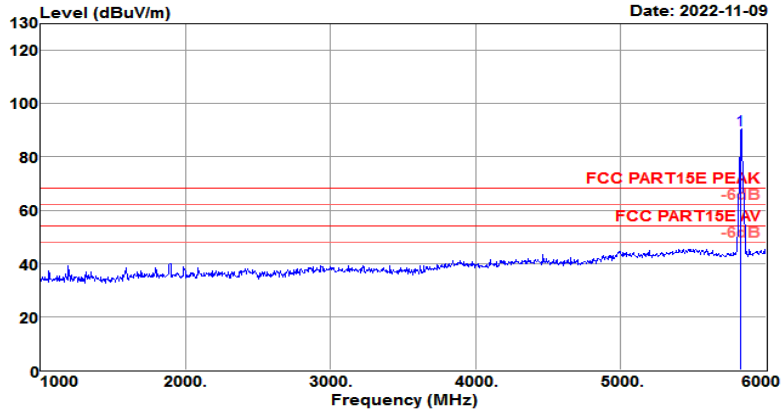


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	23.72	39.40	14.87	32.87	45.12	54.00	-8.88	Average
11650.000	32.75	39.40	14.87	32.87	54.15	68.20	-14.05	Peak
17475.000	20.76	41.72	16.53	30.38	48.63	54.00	-5.37	Average
17475.000	31.51	41.72	16.53	30.38	59.38	68.20	-8.82	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

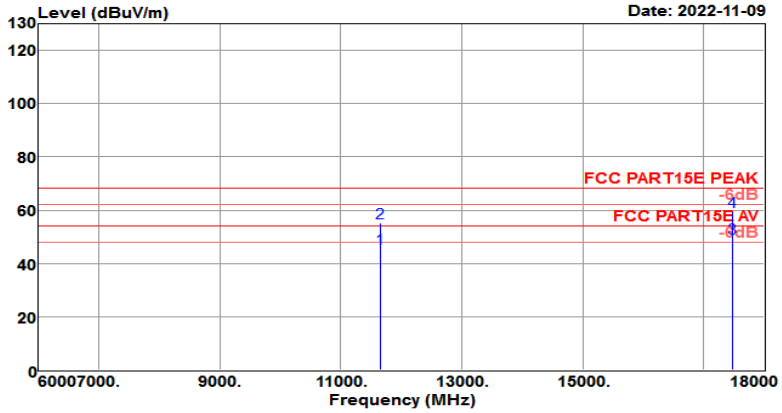
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11a CH165 (5825MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	85.86	32.12	7.41	35.08	90.31	68.20	22.11	Peak

Test Mode :	802.11a CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                Temp/Humi    : 23℃/61%
               --------------------------               ----------------
Tested by    : Jack                      Pol/Phase    : VERTICAL
               --------------------------               ----------------
Test Mode    : 802.11a CH165 (5825MHz)   Power rating: DC 12V
               --------------------------               ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

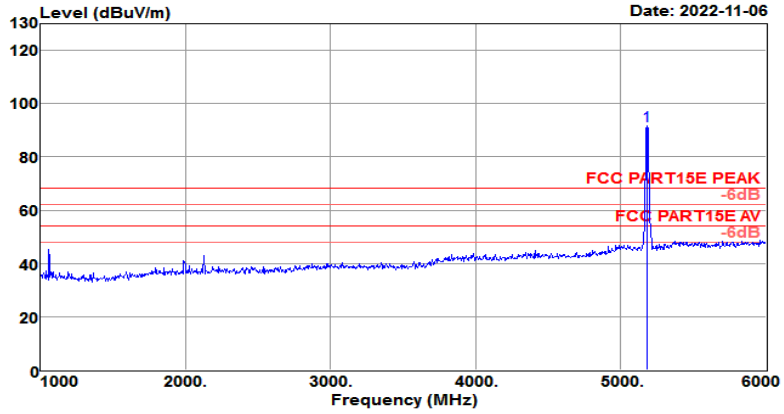


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.42	39.40	14.87	32.87	45.82	54.00	-8.18	Average
11650.000	33.77	39.40	14.87	32.87	55.17	68.20	-13.03	Peak
17475.000	21.75	41.72	16.53	30.38	49.62	54.00	-4.38	Average
17475.000	31.70	41.72	16.53	30.38	59.57	68.20	-8.63	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

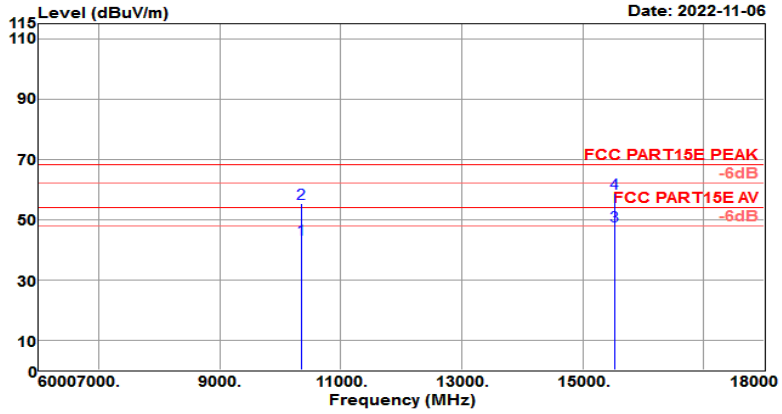
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5180.000	87.79	31.34	8.22	35.72	91.63	68.20	23.43	Peak

Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

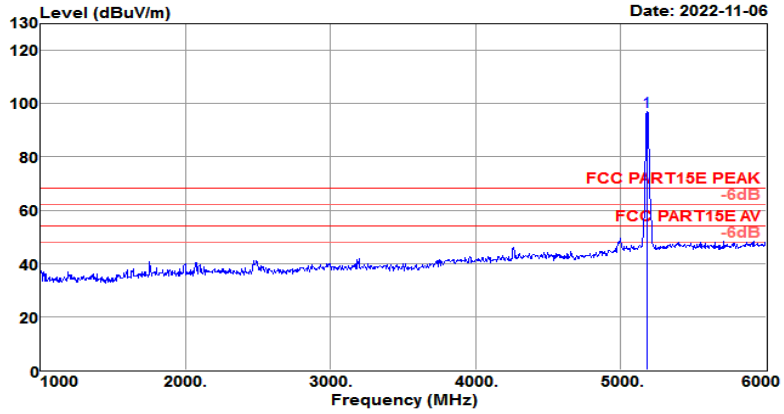


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	24.93	39.20	13.23	33.83	43.53	54.00	-10.47	Average
10360.000	36.86	39.20	13.23	33.83	55.46	68.20	-12.74	Peak
15540.000	20.13	38.43	20.83	31.52	47.87	54.00	-6.13	Average
15540.000	30.85	38.43	20.83	31.52	58.59	68.20	-9.61	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

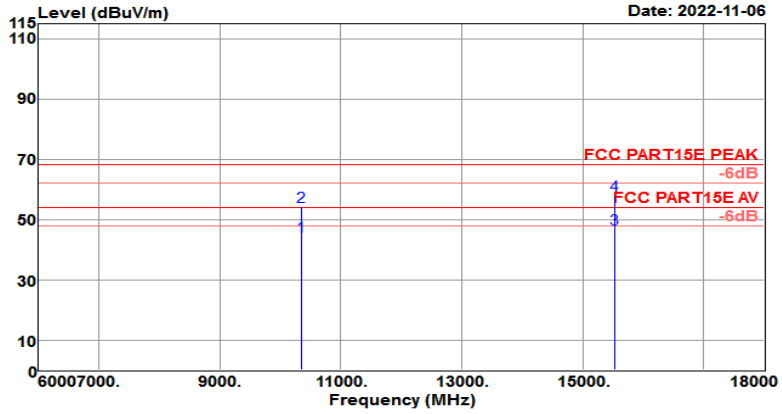
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5180.000	93.37	31.34	8.22	35.72	97.21	68.20	29.01	Peak

Test Mode :	802.11 n HT20 CH36 5180MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH36 (5180MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

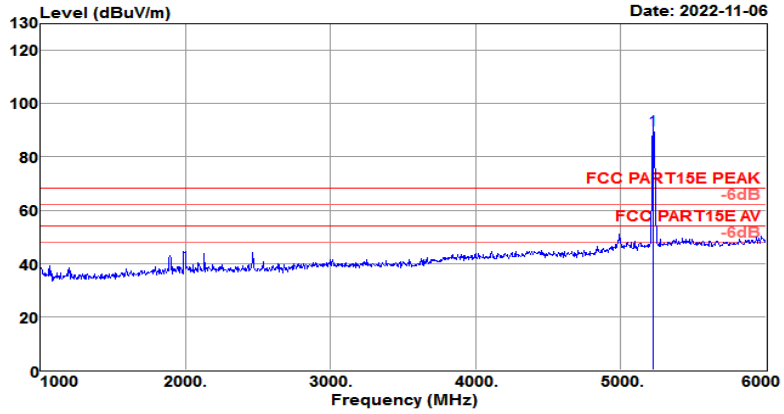


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10360.000	25.93	39.20	13.23	33.83	44.53	54.00	-9.47	Average
10360.000	35.54	39.20	13.23	33.83	54.14	68.20	-14.06	Peak
15540.000	18.93	38.43	20.83	31.52	46.67	54.00	-7.33	Average
15540.000	30.12	38.43	20.83	31.52	57.86	68.20	-10.34	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH40 5200MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

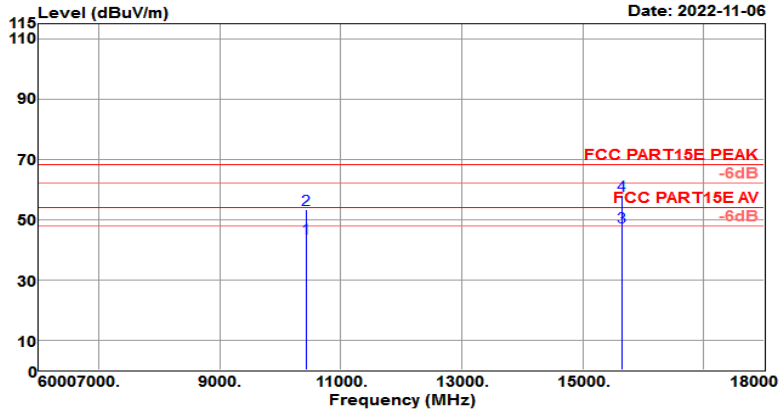
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH44 (5220MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5220.000	86.08	31.38	8.33	35.68	90.11	68.20	21.91	Peak

Test Mode :	802.11 n HT20 CH40 5200MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH44 (5220MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

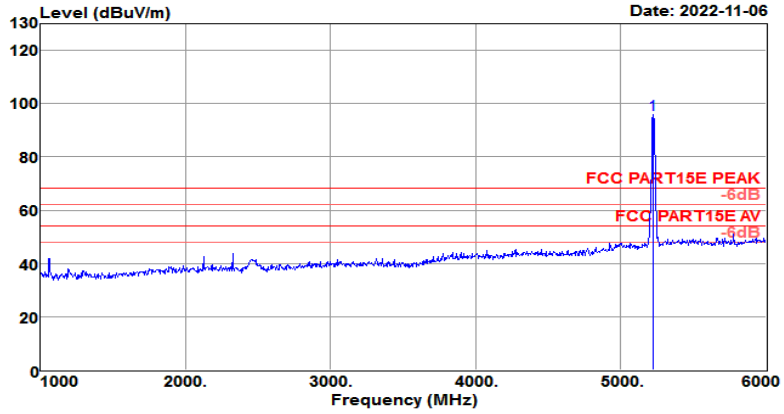


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10440.000	24.97	39.32	13.29	33.73	43.85	54.00	-10.15	Average
10440.000	34.33	39.32	13.29	33.73	53.21	68.20	-14.99	Peak
15660.000	20.41	38.21	20.44	31.44	47.62	54.00	-6.38	Average
15660.000	30.66	38.21	20.44	31.44	57.87	68.20	-10.33	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH40 5200MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

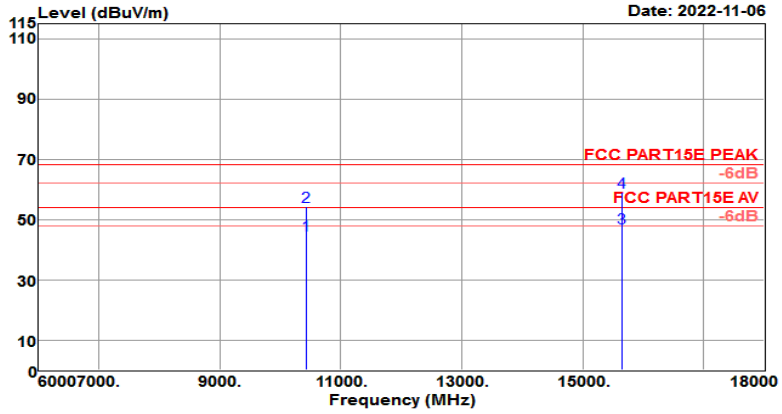
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH44 (5220MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5220.000	91.84	31.38	8.33	35.68	95.87	68.20	27.67	Peak

Test Mode :	802.11 n HT20 CH40 5200MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH44 (5220MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

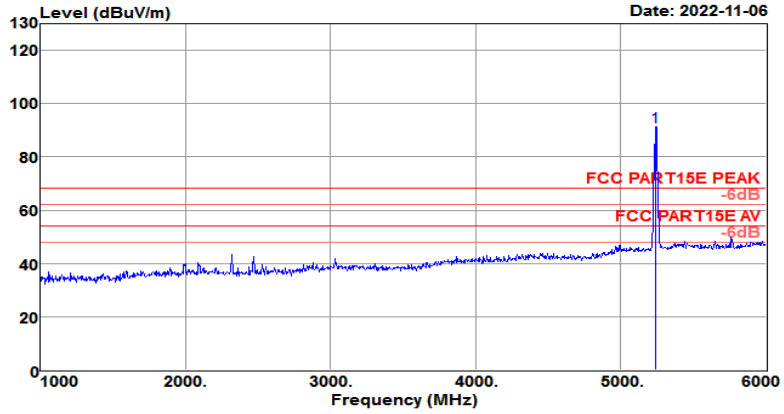


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10440.000	25.76	39.32	13.29	33.73	44.64	54.00	-9.36	Average
10440.000	35.44	39.32	13.29	33.73	54.32	68.20	-13.88	Peak
15660.000	19.88	38.21	20.44	31.44	47.09	54.00	-6.91	Average
15660.000	31.93	38.21	20.44	31.44	59.14	68.20	-9.06	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

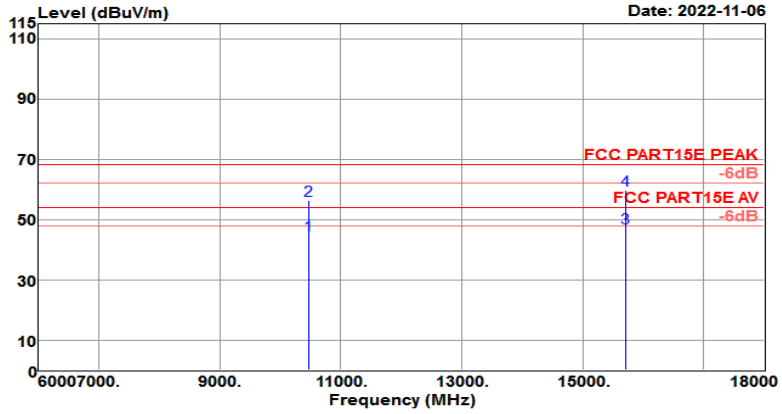
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5240.000	87.22	31.39	8.41	35.66	91.36	68.20	23.16	Peak

Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

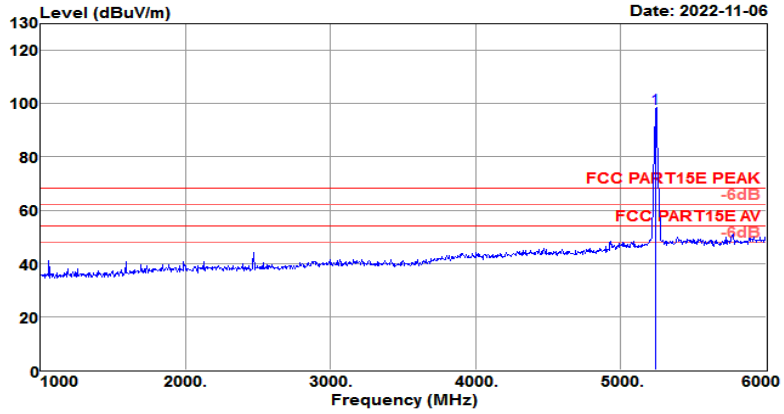


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	25.90	39.37	13.32	33.68	44.91	54.00	-9.09	Average
10480.000	37.42	39.37	13.32	33.68	56.43	68.20	-11.77	Peak
15720.000	20.20	38.10	20.24	31.40	47.14	54.00	-6.86	Average
15720.000	32.93	38.10	20.24	31.40	59.87	68.20	-8.33	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

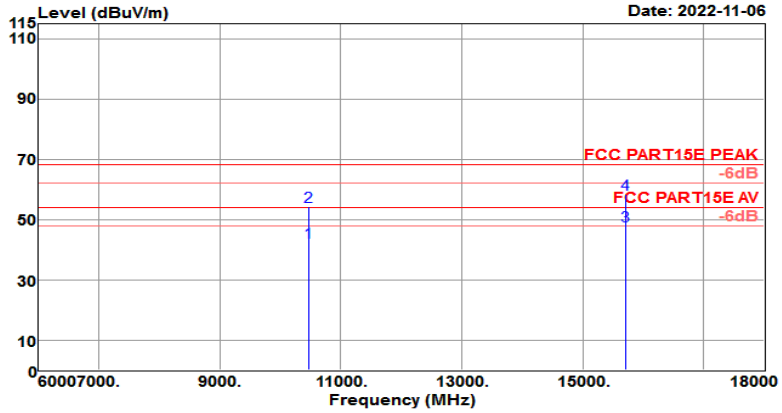
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5240.000	94.22	31.39	8.41	35.66	98.36	68.20	30.16	Peak

Test Mode :	802.11 n HT20 CH48 5240MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH48 (5240MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

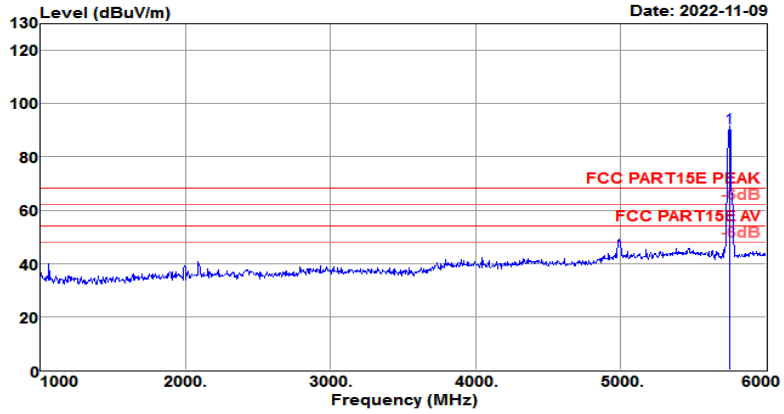


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10480.000	23.42	39.37	13.32	33.68	42.43	54.00	-11.57	Average
10480.000	35.40	39.37	13.32	33.68	54.41	68.20	-13.79	Peak
15720.000	20.83	38.10	20.24	31.40	47.77	54.00	-6.23	Average
15720.000	31.29	38.10	20.24	31.40	58.23	68.20	-9.97	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

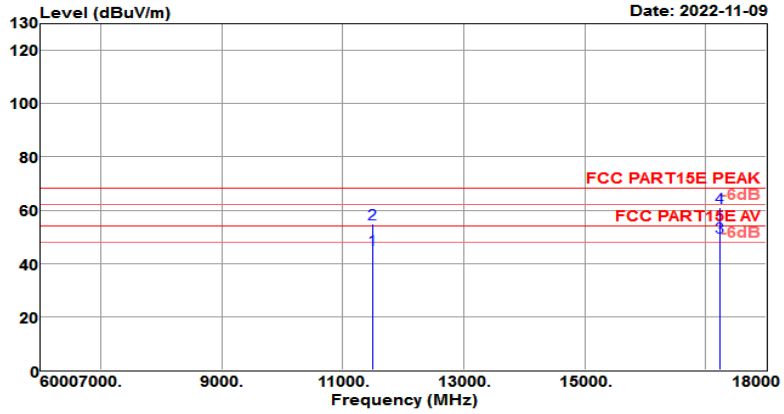
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5745.000	86.29	31.99	7.68	35.16	90.80	68.20	22.60	Peak

Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

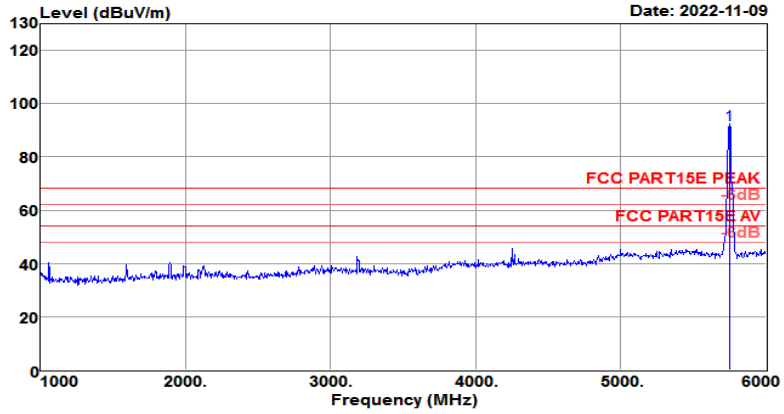


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	23.84	39.70	14.52	32.90	45.16	54.00	-8.84	Average
11490.000	33.51	39.70	14.52	32.90	54.83	68.20	-13.37	Peak
17235.000	21.70	40.90	17.34	30.19	49.75	54.00	-4.25	Average
17235.000	32.86	40.90	17.34	30.19	60.91	68.20	-7.29	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

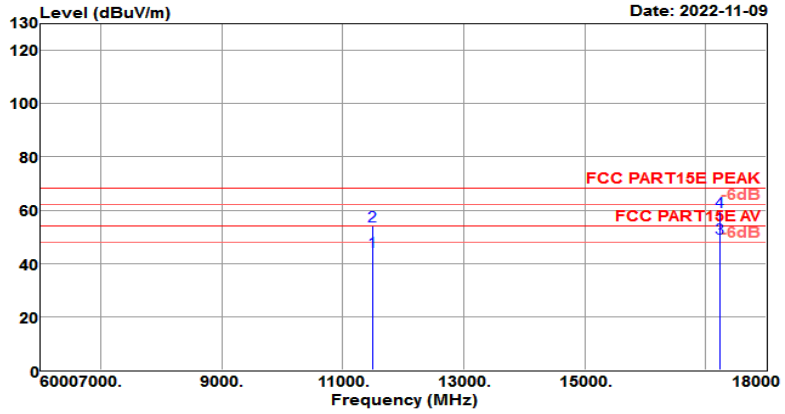
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5745.000	87.69	31.99	7.68	35.16	92.20	68.20	24.00	Peak

Test Mode :	802.11 n HT20 CH149 5745MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH149 (5745MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

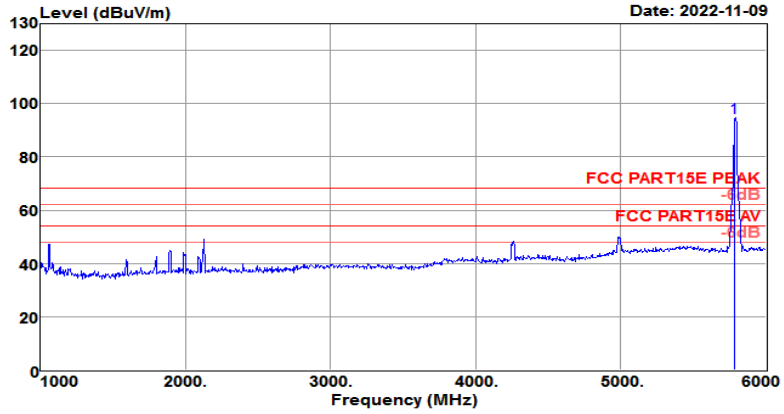


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11490.000	23.31	39.70	14.52	32.90	44.63	54.00	-9.37	Average
11490.000	32.60	39.70	14.52	32.90	53.92	68.20	-14.28	Peak
17235.000	21.30	40.90	17.34	30.19	49.35	54.00	-4.65	Average
17235.000	31.36	40.90	17.34	30.19	59.41	68.20	-8.79	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

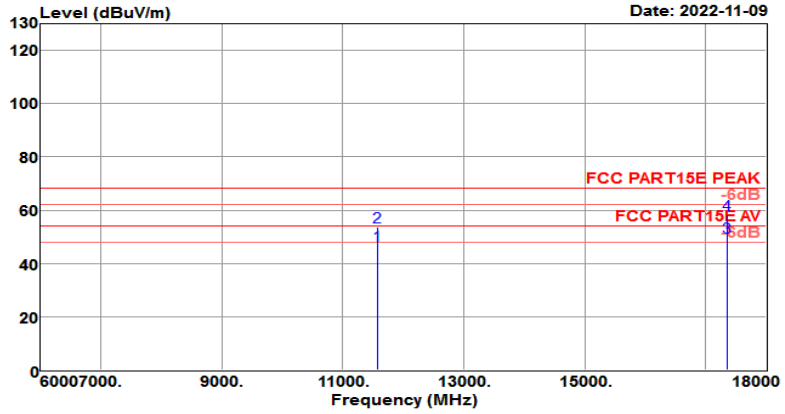
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20 CH157 (5785MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5785.000	90.45	32.06	7.44	35.12	94.83	68.20	26.63	Peak

Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH157 (5785MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

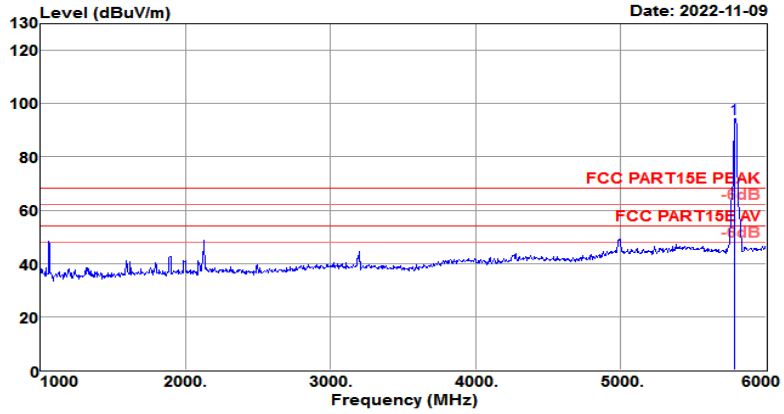


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.27	39.56	14.68	32.89	46.62	54.00	-7.38	Average
11570.000	32.39	39.56	14.68	32.89	53.74	68.20	-14.46	Peak
17355.000	21.85	41.31	16.94	30.28	49.82	54.00	-4.18	Average
17355.000	30.15	41.31	16.94	30.28	58.12	68.20	-10.08	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

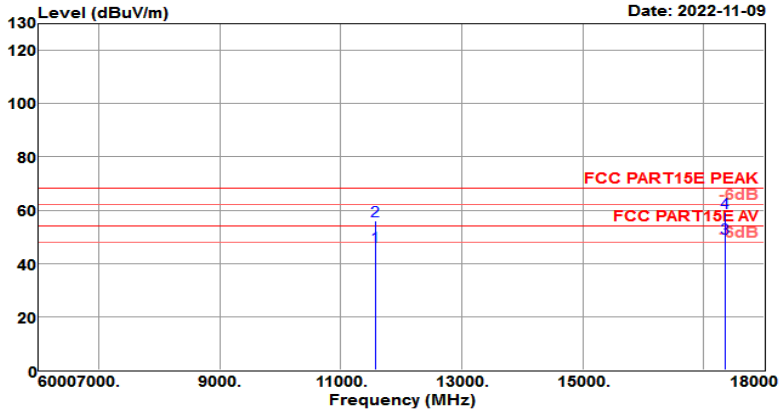
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH157 (5785MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5785.000	89.96	32.06	7.44	35.12	94.34	68.20	26.14	Peak

Test Mode :	802.11 n HT20 CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH157 (5785MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

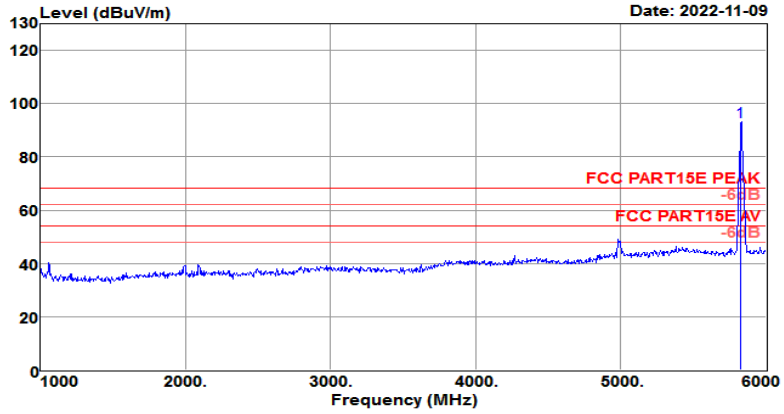


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11570.000	25.17	39.56	14.68	32.89	46.52	54.00	-7.48	Average
11570.000	34.52	39.56	14.68	32.89	55.87	68.20	-12.33	Peak
17355.000	21.56	41.31	16.94	30.28	49.53	54.00	-4.47	Average
17355.000	31.15	41.31	16.94	30.28	59.12	68.20	-9.08	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

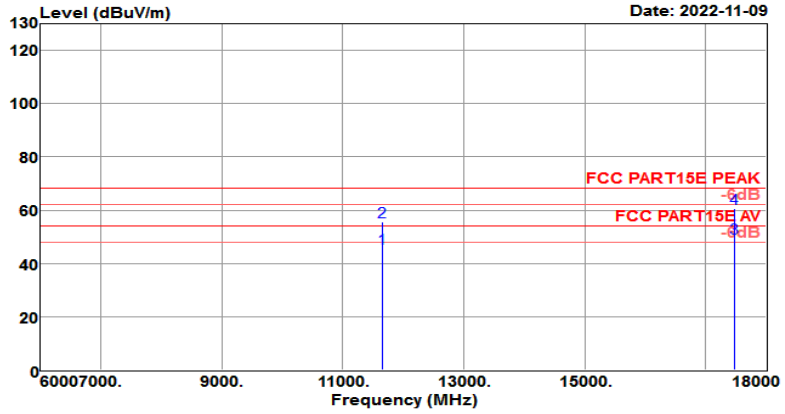
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	88.66	32.12	7.41	35.08	93.11	68.20	24.91	Peak

Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

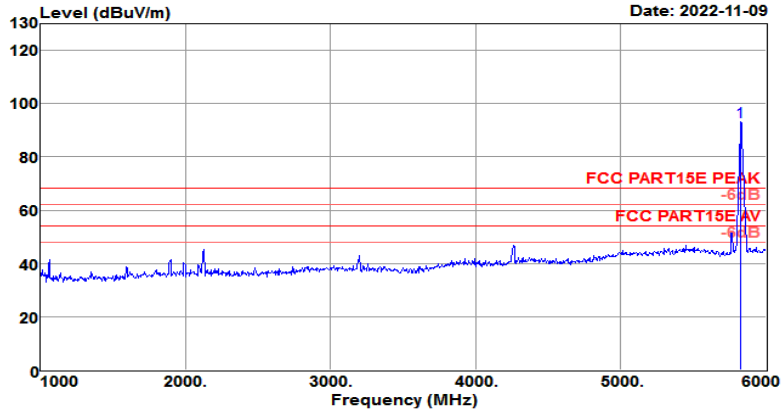


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	24.12	39.40	14.87	32.87	45.52	54.00	-8.48	Average
11650.000	34.23	39.40	14.87	32.87	55.63	68.20	-12.57	Peak
17475.000	21.55	41.72	16.53	30.38	49.42	54.00	-4.58	Average
17475.000	32.56	41.72	16.53	30.38	60.43	68.20	-7.77	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

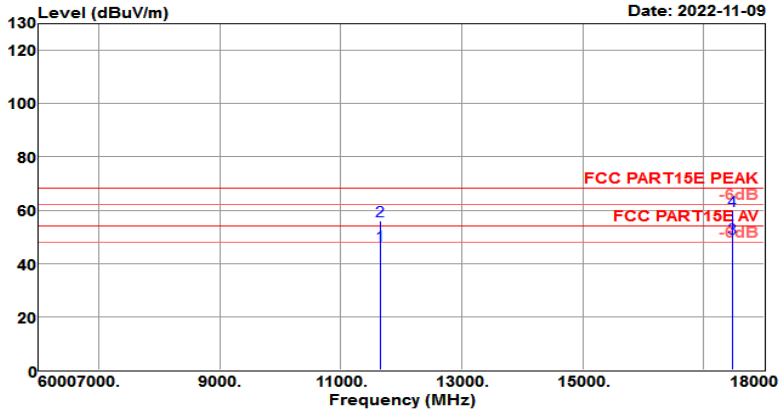
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5825.000	88.58	32.12	7.41	35.08	93.03	68.20	24.83	Peak

Test Mode :	802.11 n HT20 CH165 5825MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT20 CH165 (5825MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

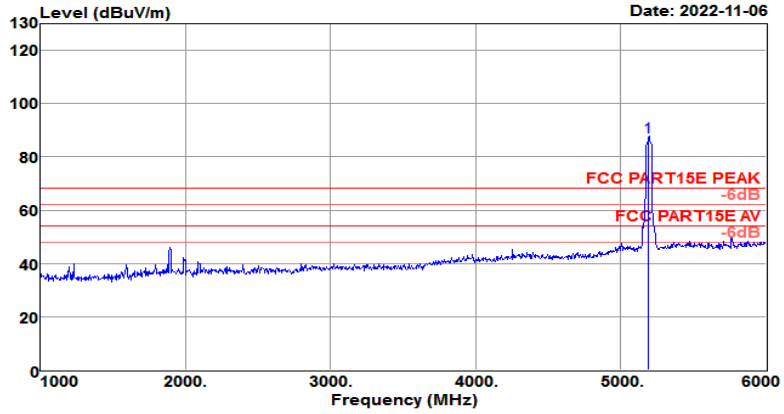


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11650.000	25.41	39.40	14.87	32.87	46.81	54.00	-7.19	Average
11650.000	34.44	39.40	14.87	32.87	55.84	68.20	-12.36	Peak
17475.000	21.66	41.72	16.53	30.38	49.53	54.00	-4.47	Average
17475.000	32.10	41.72	16.53	30.38	59.97	68.20	-8.23	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

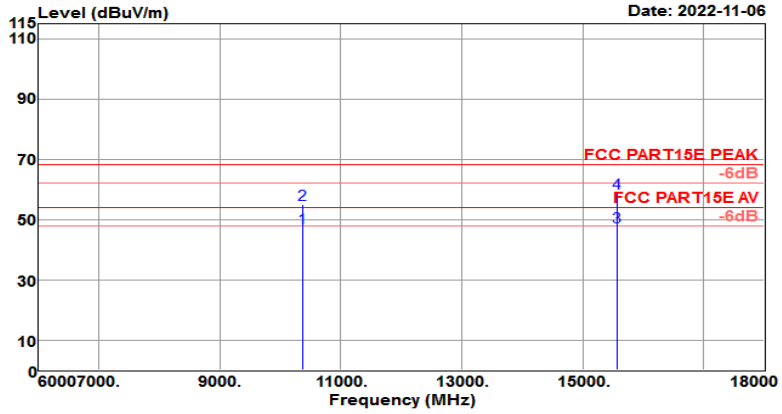
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5190.000	83.65	31.35	8.23	35.71	87.52	68.20	19.32	Peak

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

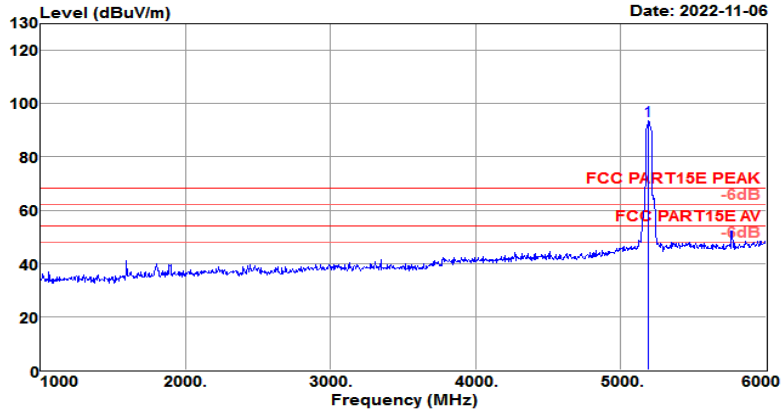


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10380.000	28.34	39.23	13.25	33.81	47.01	54.00	-6.99	Average
10380.000	36.18	39.23	13.25	33.81	54.85	68.20	-13.35	Peak
15570.000	19.94	38.37	20.73	31.50	47.54	54.00	-6.46	Average
15570.000	31.19	38.37	20.73	31.50	58.79	68.20	-9.41	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

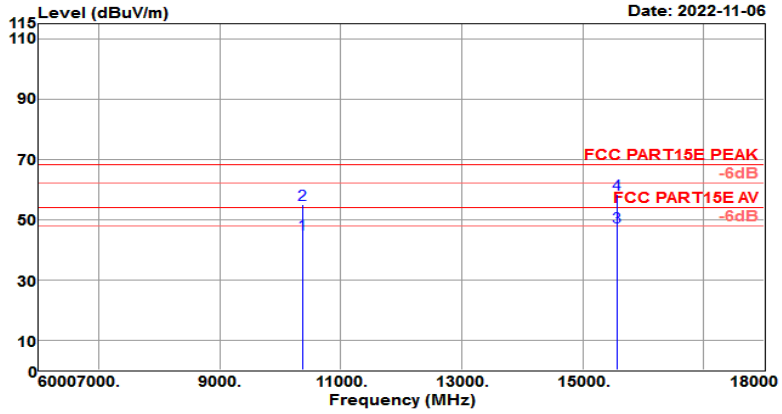
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5190.000	89.86	31.35	8.23	35.71	93.73	68.20	25.53	Peak

Test Mode :	802.11n HT40 CH38 5190MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH38 (5190MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

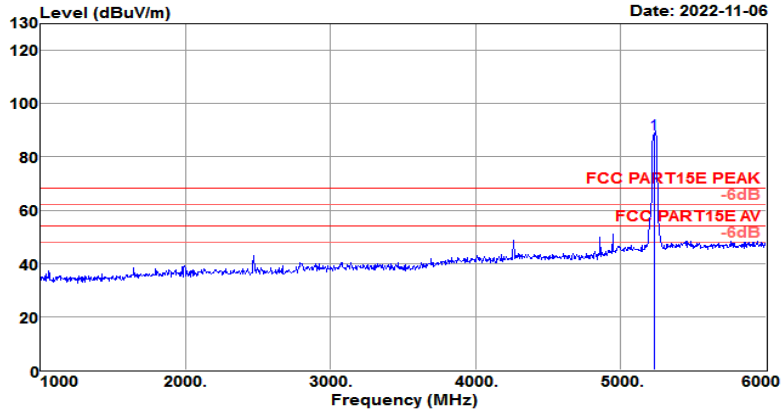


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10380.000	26.41	39.23	13.25	33.81	45.08	54.00	-8.92	Average
10380.000	36.29	39.23	13.25	33.81	54.96	68.20	-13.24	Peak
15570.000	19.97	38.37	20.73	31.50	47.57	54.00	-6.43	Average
15570.000	30.84	38.37	20.73	31.50	58.44	68.20	-9.76	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

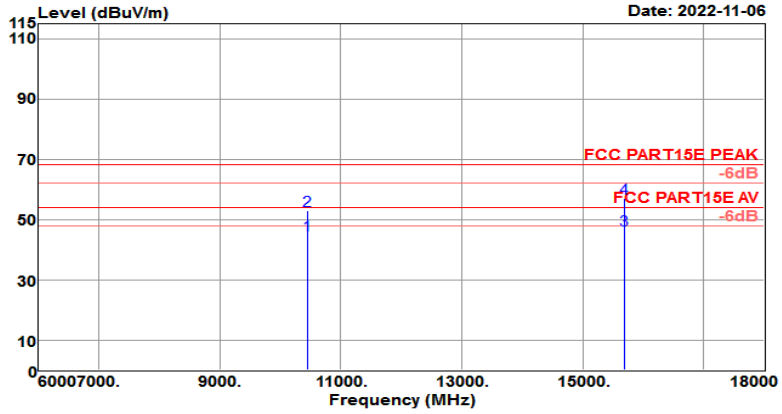
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5230.000	84.51	31.38	8.37	35.67	88.59	68.20	20.39	Peak

Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

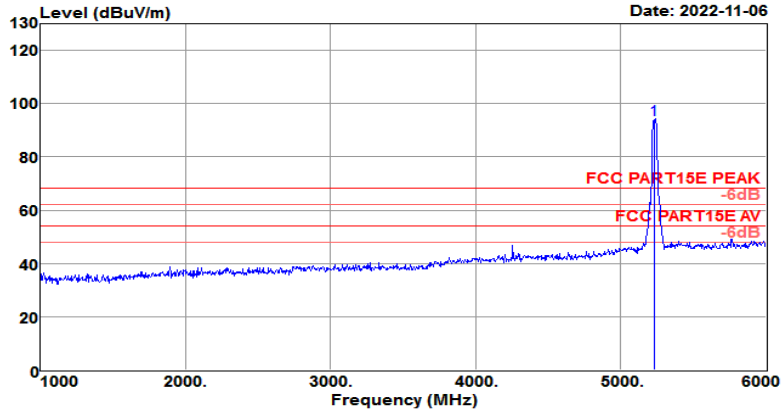


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	25.80	39.34	13.31	33.70	44.75	54.00	-9.25	Average
10460.000	34.01	39.34	13.31	33.70	52.96	68.20	-15.24	Peak
15690.000	19.41	38.16	20.34	31.42	46.49	54.00	-7.51	Average
15690.000	29.91	38.16	20.34	31.42	56.99	68.20	-11.21	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

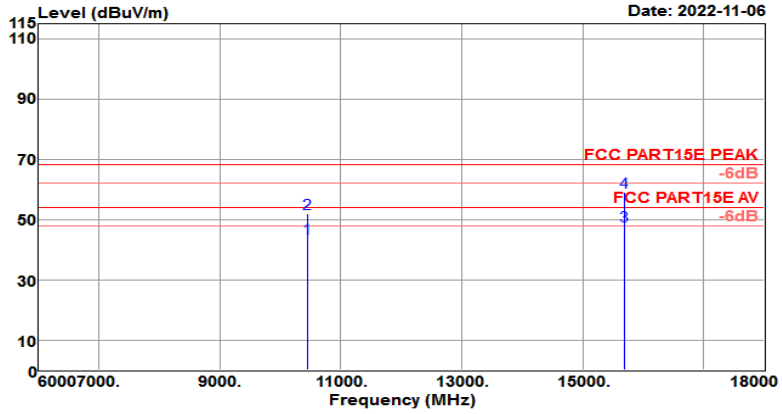
```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5230.000	89.87	31.38	8.37	35.67	93.95	68.20	25.75	Peak

Test Mode :	802.11 n HT40 CH46 5230MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH46 (5230MHz)   Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

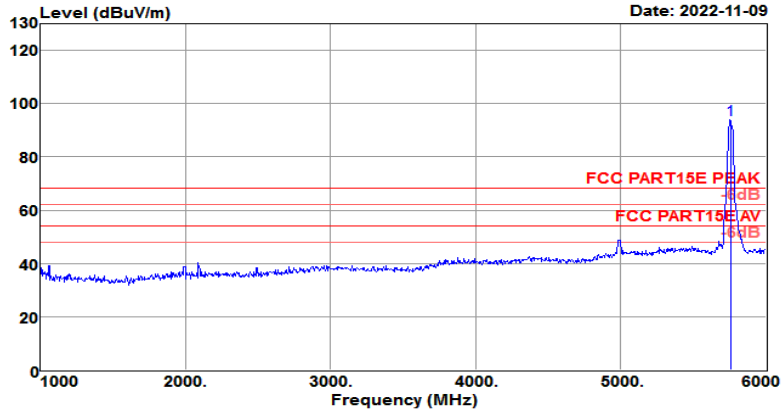


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10460.000	24.67	39.34	13.31	33.70	43.62	54.00	-10.38	Average
10460.000	32.81	39.34	13.31	33.70	51.76	68.20	-16.44	Peak
15690.000	20.89	38.16	20.34	31.42	47.97	54.00	-6.03	Average
15690.000	31.81	38.16	20.34	31.42	58.89	68.20	-9.31	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

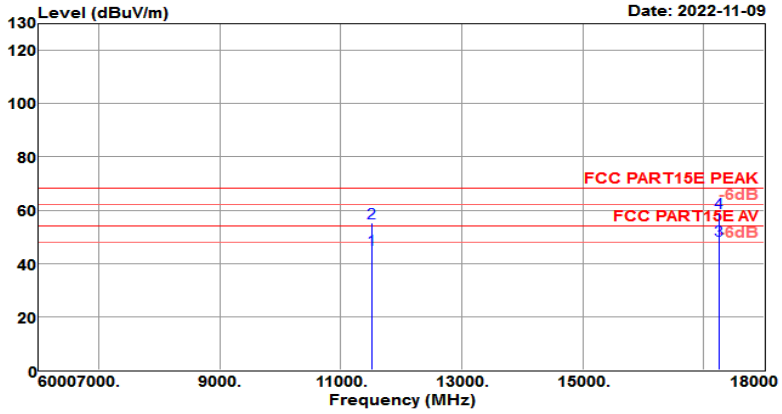
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40 CH151 (5755MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5755.000	89.31	32.01	7.62	35.15	93.79	68.20	25.59	Peak

Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

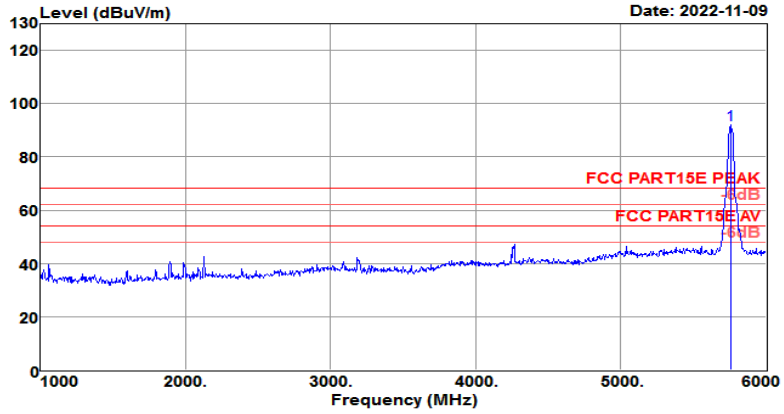


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	23.83	39.68	14.53	32.90	45.14	54.00	-8.86	Average
11510.000	33.83	39.68	14.53	32.90	55.14	68.20	-13.06	Peak
17265.000	20.50	41.00	17.24	30.21	48.53	54.00	-5.47	Average
17265.000	31.15	41.00	17.24	30.21	59.18	68.20	-9.02	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

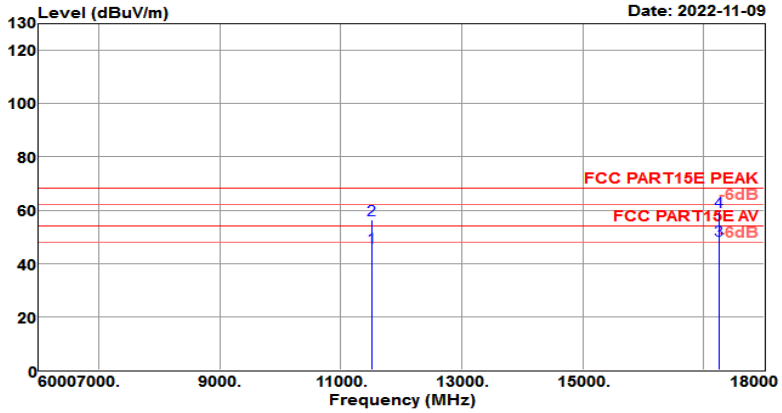
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5755.000	87.46	32.01	7.62	35.15	91.94	68.20	23.74	Peak

Test Mode :	802.11 n HT40 CH151 5755MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH151 (5755MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

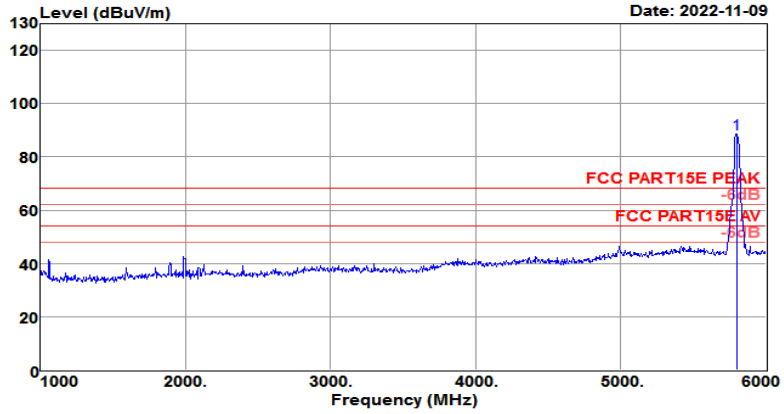


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11510.000	24.85	39.68	14.53	32.90	46.16	54.00	-7.84	Average
11510.000	35.17	39.68	14.53	32.90	56.48	68.20	-11.72	Peak
17265.000	20.71	41.00	17.24	30.21	48.74	54.00	-5.26	Average
17265.000	31.54	41.00	17.24	30.21	59.57	68.20	-8.63	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

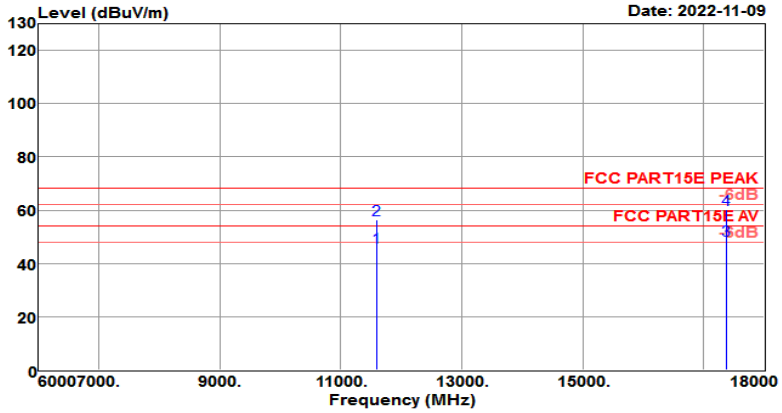
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5795.000	84.15	32.07	7.38	35.11	88.49	68.20	20.29	Peak

Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

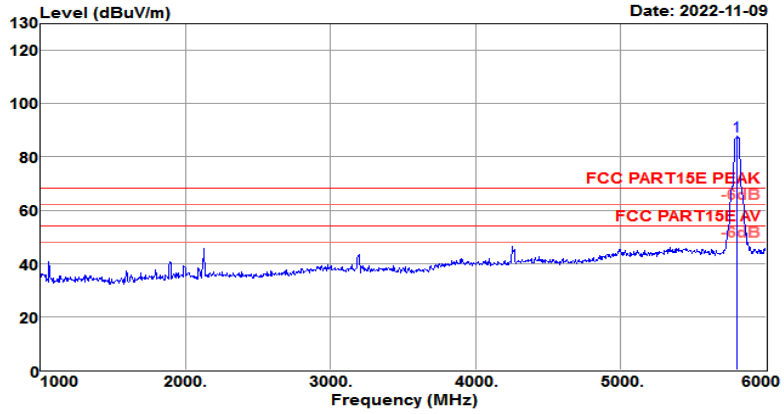


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.78	39.52	14.73	32.88	46.15	54.00	-7.85	Average
11590.000	35.16	39.52	14.73	32.88	56.53	68.20	-11.67	Peak
17385.000	20.88	41.41	16.84	30.31	48.82	54.00	-5.18	Average
17385.000	32.27	41.41	16.84	30.31	60.21	68.20	-7.99	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

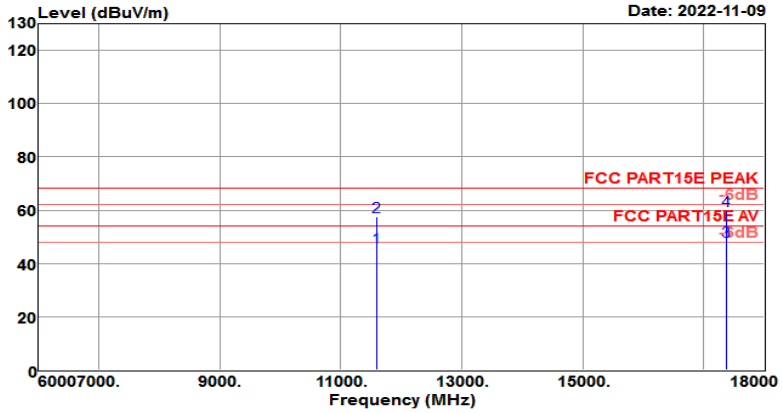
Test Site	: 3m Chamber	Temp/Humi	: 23℃/61%
Tested by	: Jack	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40 CH159 (5795MHz)	Power rating	: DC 12V
EUT	: Edge Router		
Model No.	: ER605		



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	
5795.000	83.54	32.07	7.38	35.11	87.88	68.20	19.68	Peak

Test Mode :	802.11 n HT40 CH159 5795MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11n HT40 CH159 (5795MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

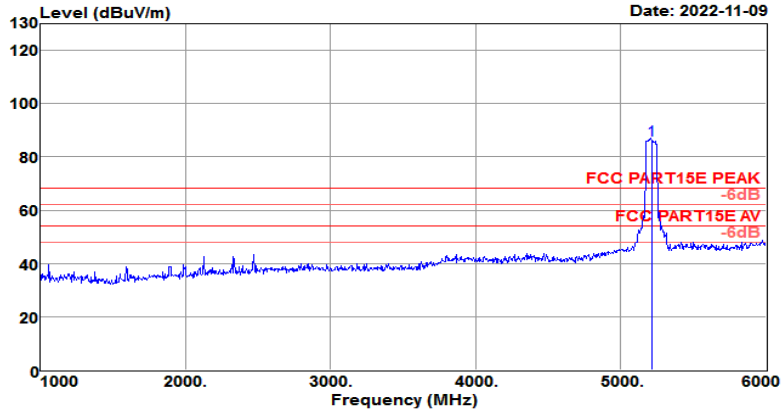


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11590.000	24.75	39.52	14.73	32.88	46.12	54.00	-7.88	Average
11590.000	36.26	39.52	14.73	32.88	57.63	68.20	-10.57	Peak
17385.000	20.58	41.41	16.84	30.31	48.52	54.00	-5.48	Average
17385.000	31.90	41.41	16.84	30.31	59.84	68.20	-8.36	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

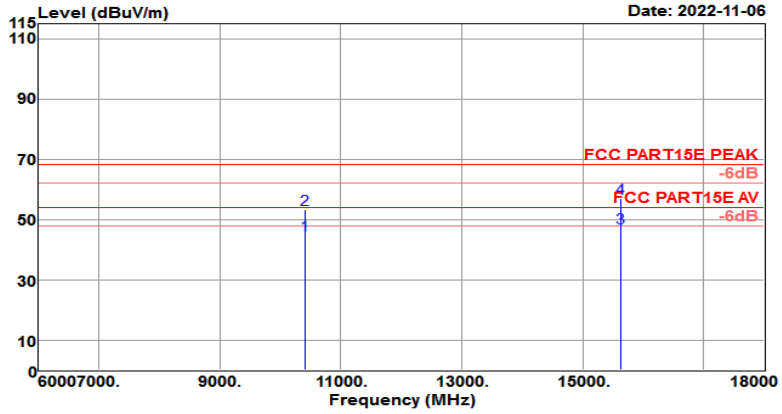
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



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	
5210.000	82.91	31.37	7.56	35.69	86.15	68.20	17.95	Peak

Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

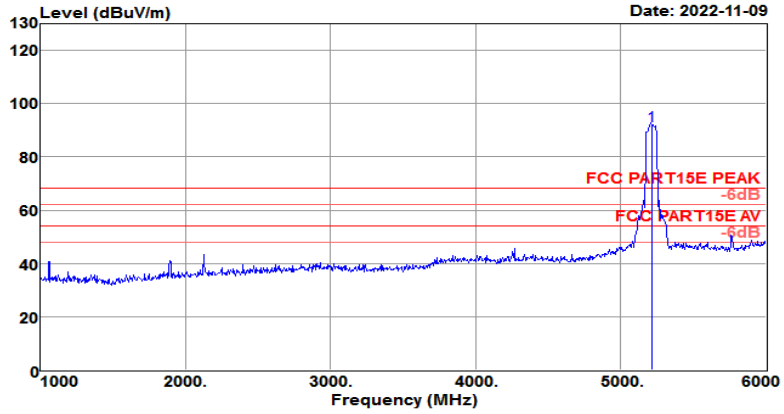


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10420.000	25.81	39.29	13.28	33.75	44.63	54.00	-9.37	Average
10420.000	34.52	39.29	13.28	33.75	53.34	68.20	-14.86	Peak
15630.000	19.91	38.27	20.54	31.46	47.26	54.00	-6.74	Average
15630.000	29.51	38.27	20.54	31.46	56.86	68.20	-11.34	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

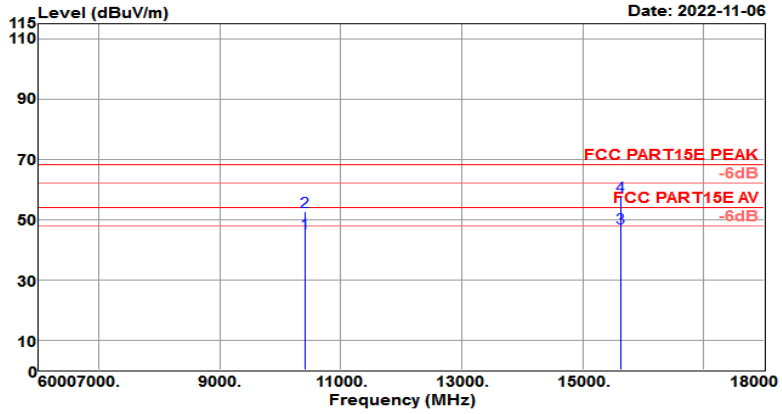
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5210.000	88.55	31.37	7.56	35.69	91.79	68.20	23.59	Peak

Test Mode :	802.11 ac VHT80 CH42 5210MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 24℃/62%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH42(5210MHz)  Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

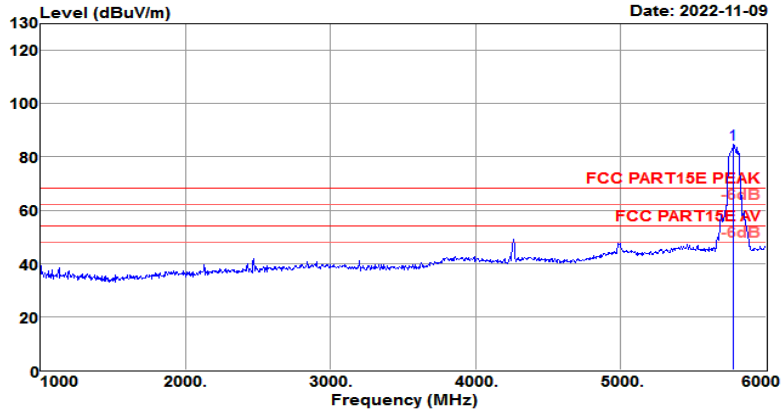


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
10420.000	26.57	39.29	13.28	33.75	45.39	54.00	-8.61	Average
10420.000	33.91	39.29	13.28	33.75	52.73	68.20	-15.47	Peak
15630.000	19.74	38.27	20.54	31.46	47.09	54.00	-6.91	Average
15630.000	30.34	38.27	20.54	31.46	57.69	68.20	-10.51	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Horizontal

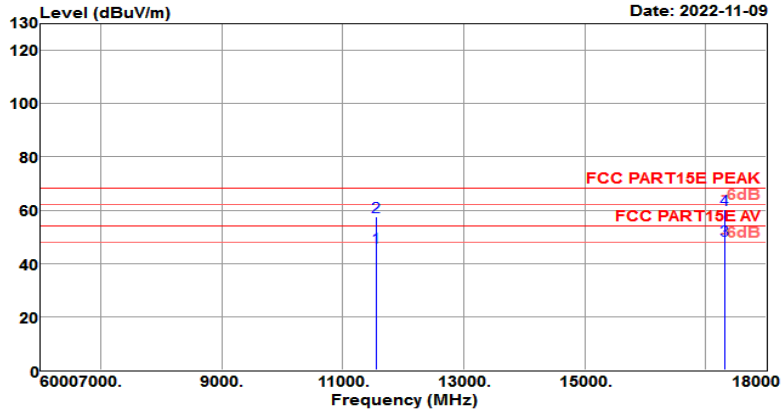
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5775.000	81.10	32.04	6.90	35.12	84.92	68.20	16.72	Peak

Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Horizontal

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : HORIZONTAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

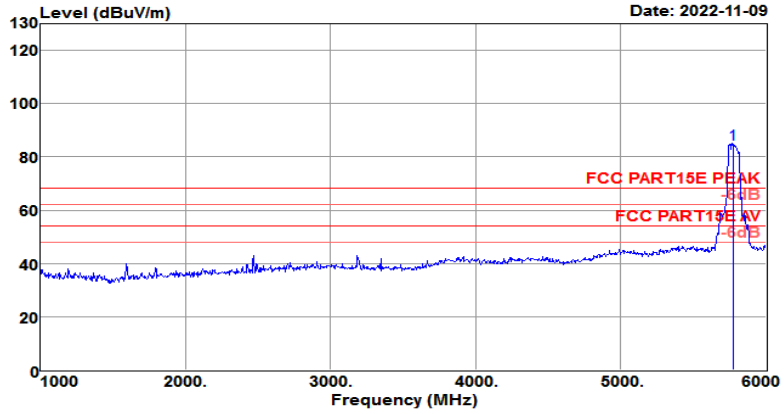


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11550.000	24.81	39.60	14.63	32.89	46.15	54.00	-7.85	Average
11550.000	36.29	39.60	14.63	32.89	57.63	68.20	-10.57	Peak
17325.000	20.87	41.20	17.04	30.26	48.85	54.00	-5.15	Average
17325.000	32.14	41.20	17.04	30.26	60.12	68.20	-8.08	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	1GHz~6GHz	Polarization :	Vertical

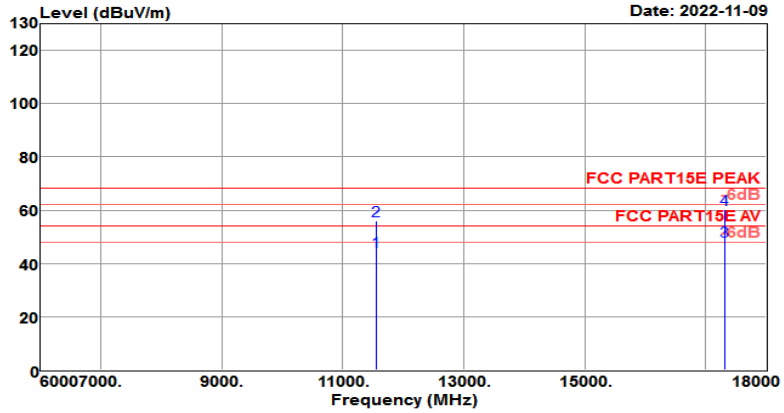
```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155 (5775MHz)Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
5775.000	81.01	32.04	6.90	35.12	84.83	68.20	16.63	Peak

Test Mode :	802.11 ac VHT80 CH155 5775MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	6GHz~18GHz	Polarization :	Vertical

```
Test Site    : 3m Chamber                    Temp/Humi    : 23℃/61%
               --------------------------                 ----------------
Tested by    : Jack                          Pol/Phase    : VERTICAL
               --------------------------                 ----------------
Test Mode    : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 12V
               --------------------------                 ----------------
EUT          : Edge Router
               --------------------------
Model No.    : ER605
               --------------------------
```

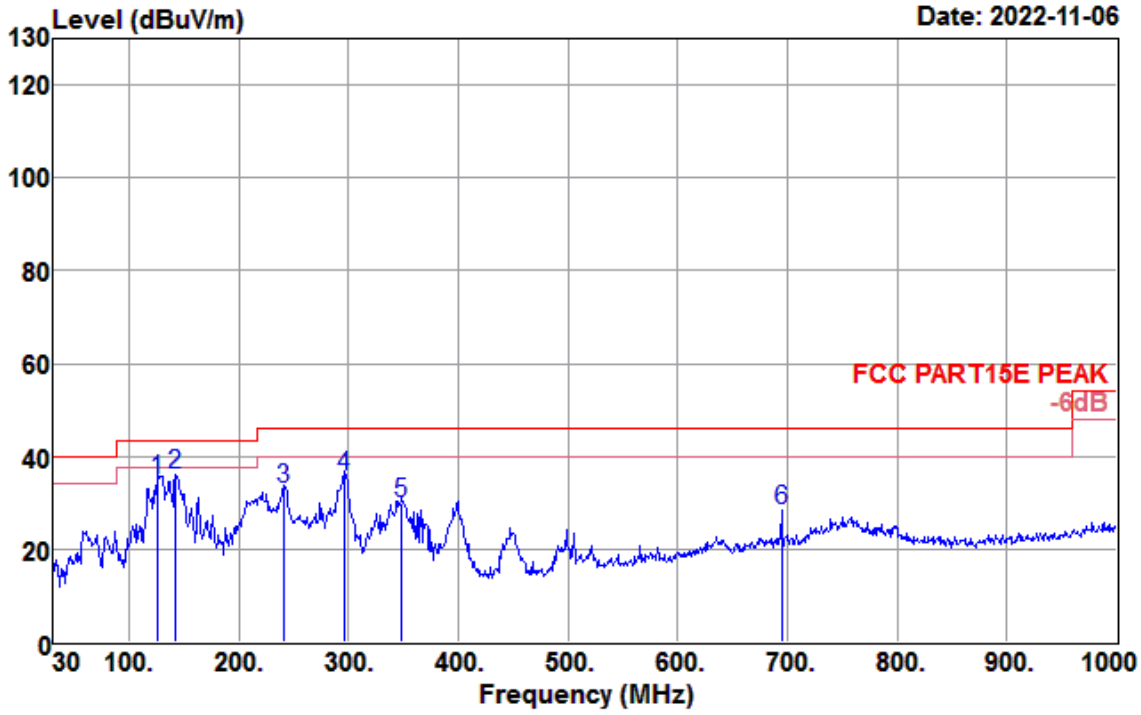


Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
11550.000	23.27	39.60	14.63	32.89	44.61	54.00	-9.39	Average
11550.000	34.78	39.60	14.63	32.89	56.12	68.20	-12.08	Peak
17325.000	20.44	41.20	17.04	30.26	48.42	54.00	-5.58	Average
17325.000	32.10	41.20	17.04	30.26	60.08	68.20	-8.12	Peak

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit, so it was not reported above 18GHz.

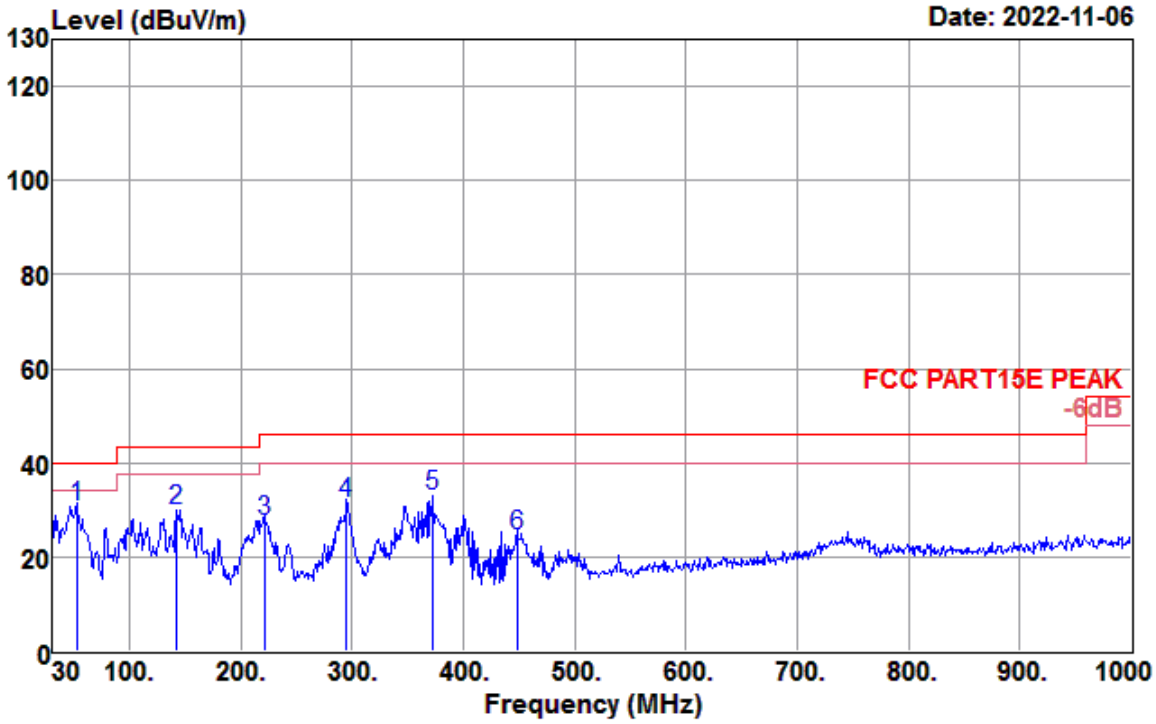
4.4.6 Test Result of Radiated Spurious Emission (30MHz ~ 1GHz)

Test Mode :	802.11N20 CH157 5785MHz	**Temperature :**	21~25℃
Test Engineer :	Jack Liu	**Relative Humidity :**	62~65%
Frequencey Range	30MHz~1GHz	**Polarization :**	Horizontal



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	
125.060	53.37	12.10	2.11	32.66	34.92	43.50	-8.58	QP
142.520	52.67	13.96	2.28	32.66	36.25	43.50	-7.25	QP
240.490	50.59	11.92	3.00	32.66	32.85	46.00	-13.15	QP
295.780	51.92	13.19	3.35	32.64	35.82	46.00	-10.18	QP
348.160	44.99	14.11	3.68	32.69	30.09	46.00	-15.91	QP
694.450	35.63	19.77	5.30	32.41	28.29	46.00	-17.71	QP

Test Mode :	802.11N20 CH157 5785MHz	Temperature :	21~25℃
Test Engineer :	Jack Liu	Relative Humidity :	62~65%
Frequencey Range	30MHz~1GHz	Polarization :	Vertical



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
52.310	46.51	15.33	1.37	32.65	30.56	40.00	-9.44	QP
142.520	46.47	13.96	2.28	32.66	30.05	43.50	-13.45	QP
221.090	47.28	10.18	2.91	32.66	27.71	46.00	-18.29	QP
294.810	47.46	13.18	3.35	32.64	31.35	46.00	-14.65	QP
371.440	47.22	14.65	3.75	32.71	32.91	46.00	-13.09	QP
448.070	36.97	16.26	4.19	32.79	24.63	46.00	-21.37	QP

4.5 AC Conducted Emission Measurement

4.5.1 Limit of AC Conducted Emission

FCC §15.207

IC RSS-GEN 8.8

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency Range	Quasi Peak(dBμV)	Average(dBμV)
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

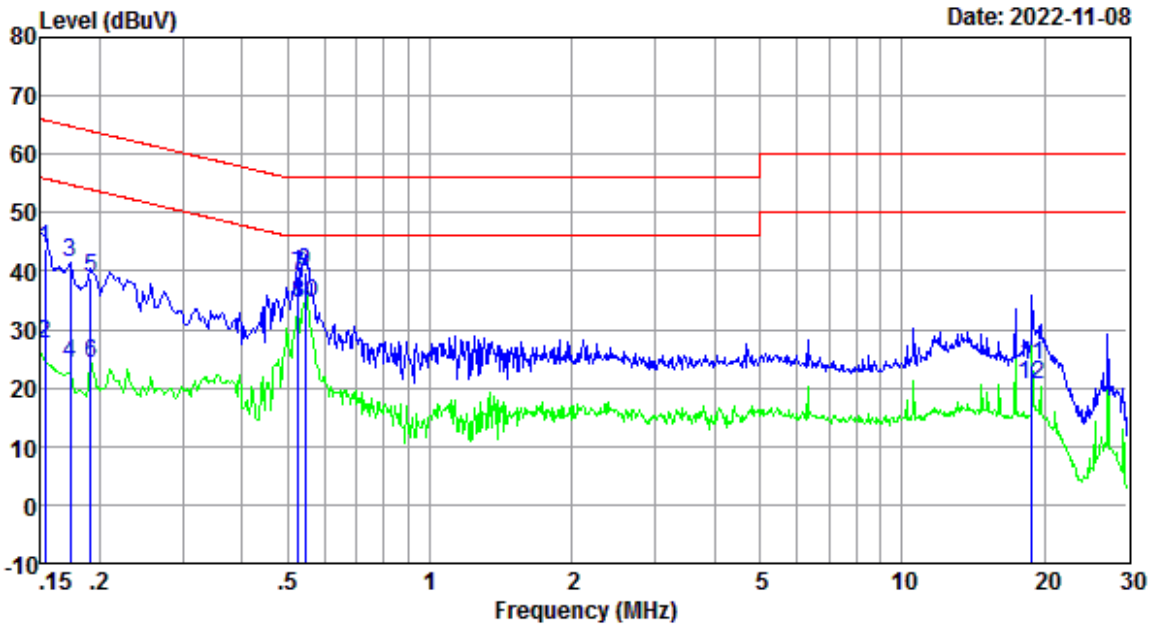
*Decreases with the logarithm of the frequency.

4.5.2 Test Procedures

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

4.5.3 Test Result of AC Conducted Emission

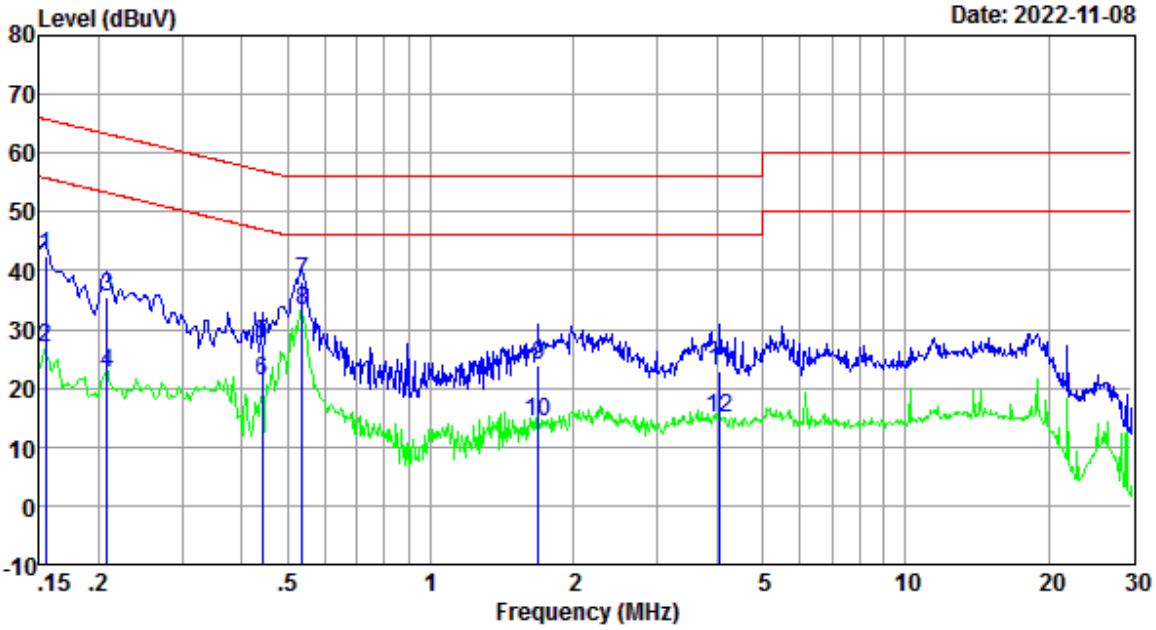
Test Mode :	Mode 1	**Temperature :**	20℃
Test Engineer :	Jack Liu	**Relative Humidity :**	64%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Function Type :	RLAN Linking + RJ45 ping + Adapter		



Freq	Reading level	LISN/ISN factor	Cable loss	Result level	Limit level	Over limit	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
0.153	34.20	9.54	0.03	43.77	65.82	-22.05	QP
0.153	17.80	9.54	0.03	27.37	55.82	-28.45	Average
0.173	32.00	9.53	0.03	41.56	64.81	-23.25	QP
0.173	14.60	9.53	0.03	24.16	54.81	-30.65	Average
0.191	29.10	9.52	0.03	38.65	63.98	-25.33	QP
0.191	14.60	9.52	0.03	24.15	53.98	-29.83	Average
0.527	29.40	9.67	0.03	39.10	56.00	-16.90	QP
0.527	24.70	9.67	0.03	34.40	46.00	-11.60	Average
0.544	30.20	9.68	0.03	39.91	56.00	-16.09	QP
0.544	24.70	9.68	0.03	34.41	46.00	-11.59	Average
18.820	13.60	10.09	0.13	23.82	60.00	-36.18	QP
18.820	10.40	10.09	0.13	20.62	50.00	-29.38	Average

Result Level= Reading Level + LISN Factor + Cable Loss

Test Mode :	Mode 1	Temperature :	20℃
Test Engineer :	Jack Liu	Relative Humidity :	64%
Test Voltage :	120Vac / 60Hz	Phase :	NEUTRAL
Function Type :	RLAN Linking + RJ45 ping + Adapter		



Freq	Reading level	LISN/ISN factor	Cable loss	Result level	Limit level	Over limit	Remark
MHz	dBuV	dB	dB	dBuV	dBuV	dB	
0.155	32.90	9.62	0.03	42.55	65.74	-23.19	QP
0.155	17.30	9.62	0.03	26.95	55.74	-28.79	Average
0.208	25.70	9.78	0.03	35.51	63.27	-27.76	QP
0.208	12.60	9.78	0.03	22.41	53.27	-30.86	Average
0.442	17.70	9.66	0.03	27.39	57.02	-29.63	QP
0.442	11.60	9.66	0.03	21.29	47.02	-25.73	Average
0.538	28.60	9.66	0.03	38.29	56.00	-17.71	QP
0.538	23.60	9.66	0.03	33.29	46.00	-12.71	Average
1.689	14.30	9.66	0.06	24.02	56.00	-31.98	QP
1.689	4.50	9.66	0.06	14.22	46.00	-31.78	Average
4.070	13.01	9.67	0.08	22.76	56.00	-33.24	QP
4.070	5.11	9.67	0.08	14.86	46.00	-31.14	Average

Result Level= Reading Level + LISN Factor + Cable Loss

4.6 Frequency Stability Measurement

4.6.1 Limit of Frequency Stability

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

4.6.2 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

NT: 25℃ LT: -20℃ HT: 70℃

NV: 12Vdc LV: 9Vdc HV: 48Vdc

4.6.3 Test Result of Frequency Stability

N/A

4.7 Automatically Discontinue Transmission

4.7.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

4.7.2 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

4.8 Antenna Requirements

4.8.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, 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.

4.8.2 Antenna Connected Construction

An sucker antenna design is used.

4.8.3 Antenna Gain

The antenna peak gain of EUT is 0.02dBi for each antenna less than 6 dBi. For MIMO transmitting mode , the total peak gain is 3.01dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

No antenna other than that furnished by the responsible party shall be used with the device. This device use a permanently attached antennas. The use of a standard antenna jack or electrical connector is prohibited. This device is compliant with FCC Part 15.203.

5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	Keysight	N9010A	MY56070788	2021-12-28	2022-12-27	Conducted
Power Sensor	Keysight	U2021XA	MY56510025	2021-12-30	2022-12-29	Conducted
Power Sensor	Keysight	U2021XA	MY57030005	2021-12-30	2022-12-29	Conducted
Power Sensor	Keysight	U2021XA	MY56510018	2021-12-30	2022-12-29	Conducted
Power Sensor	Keysight	U2021XA	MY56480002	2021-12-30	2022-12-29	Conducted
Thermal Chamber	Howkin	UHL-34	19111801	2022-04-18	2023-04-17	Conducted
Base Station	R&S	CMW 270	101231	2021-12-28	2022-12-27	Conducted
Signal Generator (Interferer)	Keysight	N5182B	MY56200384	2021-12-28	2022-12-27	Conducted
Signal Generator (Blocker)	Keysight	N5171B	MY56200661	2021-12-28	2022-12-27	Conducted

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV 40	101433	2021-12-29	2022-12-28	Radiation
Amplifier	Sonoma	310	363917	2021-12-29	2022-12-28	Radiation
Amplifier	Schwarzbeck	BBV 9718	327	2021-12-30	2022-12-29	Radiation
Amplifier	Narda	TTA1840-35-HG	2034380	2022-04-27	2023-04-26	Radiation
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-051	2020-02-14	2023-02-13	Radiation
Broadband Antenna	Schwarzbeck	VULB 9168	9168-757	2020-09-27	2023-09-26	Radiation
Horn Antenna	Schwarzbeck	BBHA 9120 D	1677	2020-02-14	2023-02-13	Radiation
Horn Antenna	COM-POWER	AH-1840	101117	2021-06-05	2024-06-04	Radiation
Test Software	Auidx	E3	6.111221a	N/A	N/A	Radiation
Filter	Micro-Tronics	BRM 50702	G266	N/A	N/A	Radiation

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Remark
LISN	R&S	ENV216	102125	2021-12-29	2022-12-28	Conducted
LISN	R&S	ENV432	101327	2021-12-29	2022-12-28	Conducted
EMI Test Receiver	R&S	ESR3	102143	2021-12-30	2022-12-29	Conducted
EMI Test Software	Audix	E3	N/A	N/A	N/A	Conducted

N/A: No Calibration Required

6 Uncertainty of Evaluation

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	9kHz~30MHz	3.29dB
Radiated emission	30MHz ~ 1GHz	5.40dB
	1GHz ~ 18GHz	5.03dB
	18GHz ~ 40GHz	5.21dB

MEASUREMENT	UNCERTAINTY
Occupied Channel Bandwidth	±57.212Hz
RF output power, conducted	±1.04dB
Power density, conducted	±2.31dB
Emissions, conducted	±2.18dB

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

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	30.960	5165.400	5196.360	---	---
	Ant2	5180	31.120	5164.920	5196.040	---	---
	Ant1	5220	30.760	5204.800	5235.560	---	---
	Ant2	5220	23.240	5209.280	5232.520	---	---
	Ant1	5240	31.440	5224.920	5256.360	---	---
	Ant2	5240	22.960	5229.520	5252.480	---	---
	Ant1	5745	32.480	5729.240	5761.720	---	---
	Ant2	5745	32.440	5729.320	5761.760	---	---
	Ant1	5785	32.040	5769.280	5801.320	---	---
	Ant2	5785	32.960	5767.680	5800.640	---	---
	Ant1	5825	29.680	5810.320	5840.000	---	---
	Ant2	5825	32.240	5808.960	5841.200	---	---
11N20MIMO	Ant1	5180	22.240	5169.680	5191.920	---	---
	Ant2	5180	20.360	5169.760	5190.120	---	---
	Ant1	5220	20.520	5209.720	5230.240	---	---
	Ant2	5220	20.680	5209.800	5230.480	---	---
	Ant1	5240	20.840	5229.680	5250.520	---	---
	Ant2	5240	20.440	5229.840	5250.280	---	---
	Ant1	5745	34.000	5728.320	5762.320	---	---
	Ant2	5745	33.680	5728.760	5762.440	---	---
	Ant1	5785	34.400	5768.120	5802.520	---	---
	Ant2	5785	35.280	5767.360	5802.640	---	---
	Ant1	5825	30.480	5809.760	5840.240	---	---
	Ant2	5825	31.480	5809.920	5841.400	---	---
11N40MIMO	Ant1	5190	41.680	5169.280	5210.960	---	---
	Ant2	5190	40.320	5169.920	5210.240	---	---
	Ant1	5230	41.600	5209.200	5250.800	---	---
	Ant2	5230	40.480	5209.920	5250.400	---	---
	Ant1	5755	56.480	5730.680	5787.160	---	---
	Ant2	5755	41.520	5734.520	5776.040	---	---
	Ant1	5795	54.720	5765.720	5820.440	---	---

	Ant2	5795	43.120	5774.440	5817.560	---	---
11AC20MIMO	Ant1	5180	20.720	5169.720	5190.440	---	---
	Ant2	5180	20.280	5169.880	5190.160	---	---
	Ant1	5220	20.640	5209.680	5230.320	---	---
	Ant2	5220	20.400	5209.880	5230.280	---	---
	Ant1	5240	20.800	5229.720	5250.520	---	---
	Ant2	5240	20.520	5229.680	5250.200	---	---
	Ant1	5745	33.400	5729.280	5762.680	---	---
	Ant2	5745	32.120	5729.840	5761.960	---	---
	Ant1	5785	32.120	5769.480	5801.600	---	---
	Ant2	5785	35.240	5766.160	5801.400	---	---
	Ant1	5825	31.760	5809.280	5841.040	---	---
	Ant2	5825	32.000	5808.840	5840.840	---	---
11AC40MIMO	Ant1	5190	41.120	5169.600	5210.720	---	---
	Ant2	5190	40.640	5169.680	5210.320	---	---
	Ant1	5230	51.680	5205.920	5257.600	---	---
	Ant2	5230	40.560	5209.840	5250.400	---	---
	Ant1	5755	60.560	5722.200	5782.760	---	---
	Ant2	5755	48.080	5734.440	5782.520	---	---
	Ant1	5795	60.240	5762.360	5822.600	---	---
	Ant2	5795	40.880	5774.600	5815.480	---	---
11AC80MIMO	Ant1	5210	92.320	5158.320	5250.640	---	---
	Ant2	5210	80.960	5169.520	5250.480	---	---
	Ant1	5775	101.280	5723.640	5824.920	---	---
	Ant2	5775	80.800	5734.680	5815.480	---	---