



RF MEASUREMENT REPORT

FCC ID: Q9DAPIN0735A

Applicant: Hewlett Packard Enterprise Company

Product: ACCESS POINT

Model No.: APIN0735A

Trademark:  , 

FCC Classification: Unlicensed National Information Infrastructure (NII)

FCC Rule Part(s): Part 15 Subpart E (Section 15.407)

Result: Complies

Received Date: 2024-09-26

Test Date: 2024-10-22 ~ 2024-12-06

Reviewed By:

Jame Yuan

Approved By:

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB789033. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2409RSU050-U4	V01	Initial Report	2025-03-28	Valid

Note 1: The APIN0735A is a variation on the existing APIN0735. The APIN0735 is currently FCC certified under FCC ID: Q9DAPIN0735.

The APIN0735A differs from the APIN0735 in the following ways:

Part substitution for 5G and 6G passive filter

Note 2: Some spot check was done and all other test data were referenced from the original report.

Test Description	Remark
26dB Bandwidth	Spot Check
6dB Bandwidth	Spot Check
Maximum Conducted Output Power	Full Test
Frequency Stability	Spot Check
Peak Power Spectral Density	Spot Check
Dynamic Frequency Selection (DFS)	Spot Check
Undesirable Emissions	Spot Check
General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Spot Check
AC Conducted Emissions 150kHz - 30MHz	Full Test

CONTENTS

Description	Page
1. General Information	6
1.1. Applicant	6
1.2. Manufacturer	6
1.3. Testing Facility	6
1.4. Product Information	7
1.5. Radio Specification under Test	8
1.6. Working Frequencies	9
1.7. Description of Antenna RF Port	10
1.8. Antenna Details	11
2. Test Configuration	12
2.1. Test Mode	12
2.2. Test System Connection Diagram	13
2.3. Test Software	13
2.4. Applied Standards	14
2.5. Test Environment Condition	14
3. Antenna Requirements	15
4. Measuring Instrument	16
5. Decision Rules and Measurement Uncertainty	17
5.1. Decision Rules	17
5.2. Measurement Uncertainty	17
6. Test Result	18
6.1. Summary	18
6.2. 26dB & 99% Bandwidth Measurement	19
6.2.1. Test Limit	19
6.2.2. Test Procedure	19
6.2.3. Test Setting	19
6.2.4. Test Setup	19
6.2.5. Test Result	20
6.3. 6dB Bandwidth Measurement	21
6.3.1. Test Limit	21
6.3.2. Test Procedure	21
6.3.3. Test Setting	21
6.3.4. Test Setup	21
6.3.5. Test Result	21
6.4. Output Power Measurement	22

6.4.1.	Test Limit.....	22
6.4.2.	Test Procedure	22
6.4.3.	Test Setting	22
6.4.4.	Test Setup.....	22
6.4.5.	Test Result	22
6.5.	Transmit Power Control Measurement.....	23
6.5.1.	Test Limit.....	23
6.5.2.	Test Procedure	23
6.5.3.	Test Setting	23
6.5.4.	Test Setup.....	23
6.5.5.	Test Result	23
6.6.	Power Spectral Density Measurement	24
6.6.1.	Test Limit.....	24
6.6.2.	Test Procedure	24
6.6.3.	Test Setting	24
6.6.4.	Test Setup.....	25
6.6.5.	Test Result	25
6.7.	Frequency Stability Measurement.....	26
6.7.1.	Test Limit.....	26
6.7.2.	Test Procedure	26
6.7.3.	Test Setup.....	26
6.7.4.	Test Result	27
6.8.	Radiated Spurious Emission Measurement	28
6.8.1.	Test Limit.....	28
6.8.2.	Test Procedure	28
6.8.3.	Test Setting	28
6.8.4.	Test Setup.....	31
6.8.5.	Test Result	32
6.9.	Radiated Restricted Band Edge Measurement	33
6.9.1.	Test Limit.....	33
6.9.2.	Test Procedure	35
6.9.3.	Test Setting	35
6.9.4.	Test Setup.....	36
6.9.5.	Test Result	36
6.10.	AC Conducted Emissions Measurement.....	37
6.10.1.	Test Limit.....	37
6.10.2.	Test Setup.....	37
6.10.3.	Test Result	37

Appendix A – Test Result.....	38
--------------------------------------	-----------

A.1	Duty Cycle Test Result.....	38
A.2	26dB Bandwidth Test Result	39
A.3	6dB Bandwidth Test Result	41
A.4	Output Power Test Result	43
A.5	Power Spectral Density Test Result.....	48
A.6	Frequency Stability Test Result.....	50
A.7	Radiated Spurious Emission Test Result.....	51
A.8	Radiated Restricted Band Edge Test Result.....	72
A.9	AC Conducted Emissions Test Result	132
Appendix B - Test Setup Photograph		136
Appendix C - EUT Photograph		137

1. General Information

1.1. Applicant

Hewlett Packard Enterprise Company

6280 America Center Drive, San Jose CA 95002, United States

1.2. Manufacturer

Hewlett Packard Enterprise Company

6280 America Center Drive, San Jose CA 95002, United States

1.3. Testing Facility

☒	Test Site – MRT Suzhou Laboratory			
	Laboratory Location (Suzhou - Wuzhong)			
	D8 Building, No.2 Tian’edang Rd., Wuzhong Economic Development Zone, Suzhou, China			
	Laboratory Location (Suzhou - SIP)			
	4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China			
	Laboratory Location (Suzhou - Wujiang)			
	Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People’s Republic of China			
☒	Laboratory Accreditations			
	A2LA: 3628.01		CNAS: L10551	
	FCC: CN1166		ISED: CN0001	
	VCCI:	☐ R-20025	☐ G-20034	☐ C-20020
		☐ T-20020		
		☐ R-20141	☐ G-20134	☐ C-20103
			☐ T-20104	
☐	Test Site – MRT Shenzhen Laboratory			
	Laboratory Location (Shenzhen)			
	1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China			
	Laboratory Accreditations			
	A2LA: 3628.02		CNAS: L10551	
☐	FCC: CN1284		ISED: CN0105	
	Test Site – MRT Taiwan Laboratory			
	Laboratory Location (Taiwan)			
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)			
	Laboratory Accreditations			
☐	TAF: 3261			
	FCC: 291082, TW3261		ISED: TW3261	

1.4. Product Information

Product Name	ACCESS POINT
Model No.	APIN0735A
Serial No.	CNSCM52023
Software Version	V1.6
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Bluetooth Specification	BLE only
ZigBee Specification	802.15.4
GNSS Specification	GPS, Galileo
Antenna Information	Refer to Section 1.8
Power Type	AC Adapter Input or PoE Input
Operating Environment	Indoor Use
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	For 802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20: 5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40: 5190~5230MHz, 5270~5310MHz, 5510~5710MHz, 5755~5795MHz For 802.11ac-VHT80/ax-HE80/be-EHT80: 5210MHz, 5290MHz, 5530MHz, 5610 MHz, 5690MHz, 5775MHz For 802.11ac-VHT160/ax-HE160/be-EHT160: 5250MHz, 5570MHz		
Type of Modulation	802.11a/n/ac: OFDM 802.11ax/be: OFDMA		
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 1732Mbps 802.11ax: up to 2402Mbps 802.11be: up to 2882Mbps		
Support RU	☒ Full RU	☐ Partial RU	☐ Single RU
			☐ Multi RU
			☐ Channel Puncturing

1.6. Working Frequencies

802.11a/n-HT20/ac-VHT20/ax-HE20/be-EHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	144	5720 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	--	--	--	--

802.11n-HT40/ac-VHT40/ax-HE40/be-EHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
142	5710 MHz	151	5755 MHz	159	5795 MHz

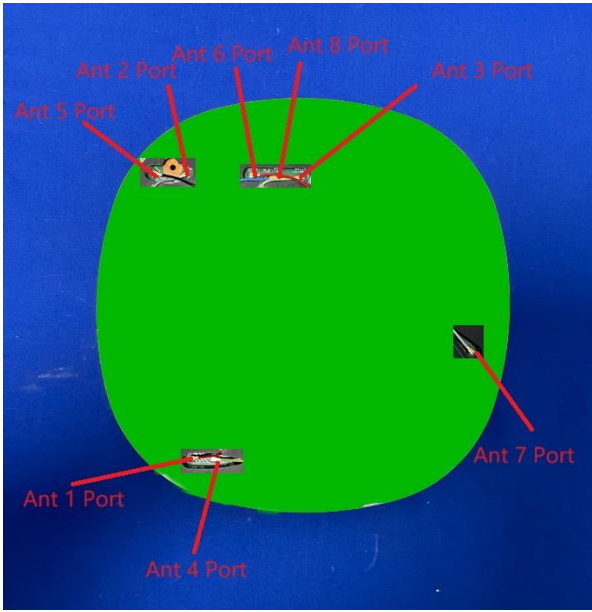
802.11ac-VHT80/ax-HE80/be-EHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz
122	5610 MHz	138	5690 MHz	155	5775 MHz

802.11ac-VHT160/ax-HE160/be-EHT160

Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250 MHz	114	5570 MHz	--	--

1.7. Description of Antenna RF Port

				
Antenna Port	RF Spec.			
	Wi-Fi 2.4G	Wi-Fi 5G	Wi-Fi 6G	BLE/ZigBee
Ant 1	--	--	● (Radio 2)	--
Ant 4	--	--	● (Radio 2)	--
Ant 2	● (Radio 0)	● (Radio 1)	--	--
Ant 5	● (Radio 0)	● (Radio 1)	--	--
Ant 3	--	--	--	● (Core 1)
Ant 6	--	--	--	● (Core 0)
Ant 8	--	--	--	● (Core 1)
Ant 7	GNSS			

1.8. Antenna Details

Antenna Type	Frequency Band (GHz)	Tx Paths	Directional Gain (dBi)	
			Uncorrelated	Correlated
Wi-Fi Antennas (Ant 2 & Ant 5)				
PIFA	5.15 ~ 5.9	2	4.08	4.08
Note: 1, The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated. 2, The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac/ax/be, not include 802.11a/b/g. 3, For beamforming operation, Aruba OS automatically backs power down based on CDD power. 4, The antennas are cross-polarized, so the correlated gain equals to the uncorrelated gain. 5, The detail calculation method of directional gain refers to antenna specification provided by the applicant.				

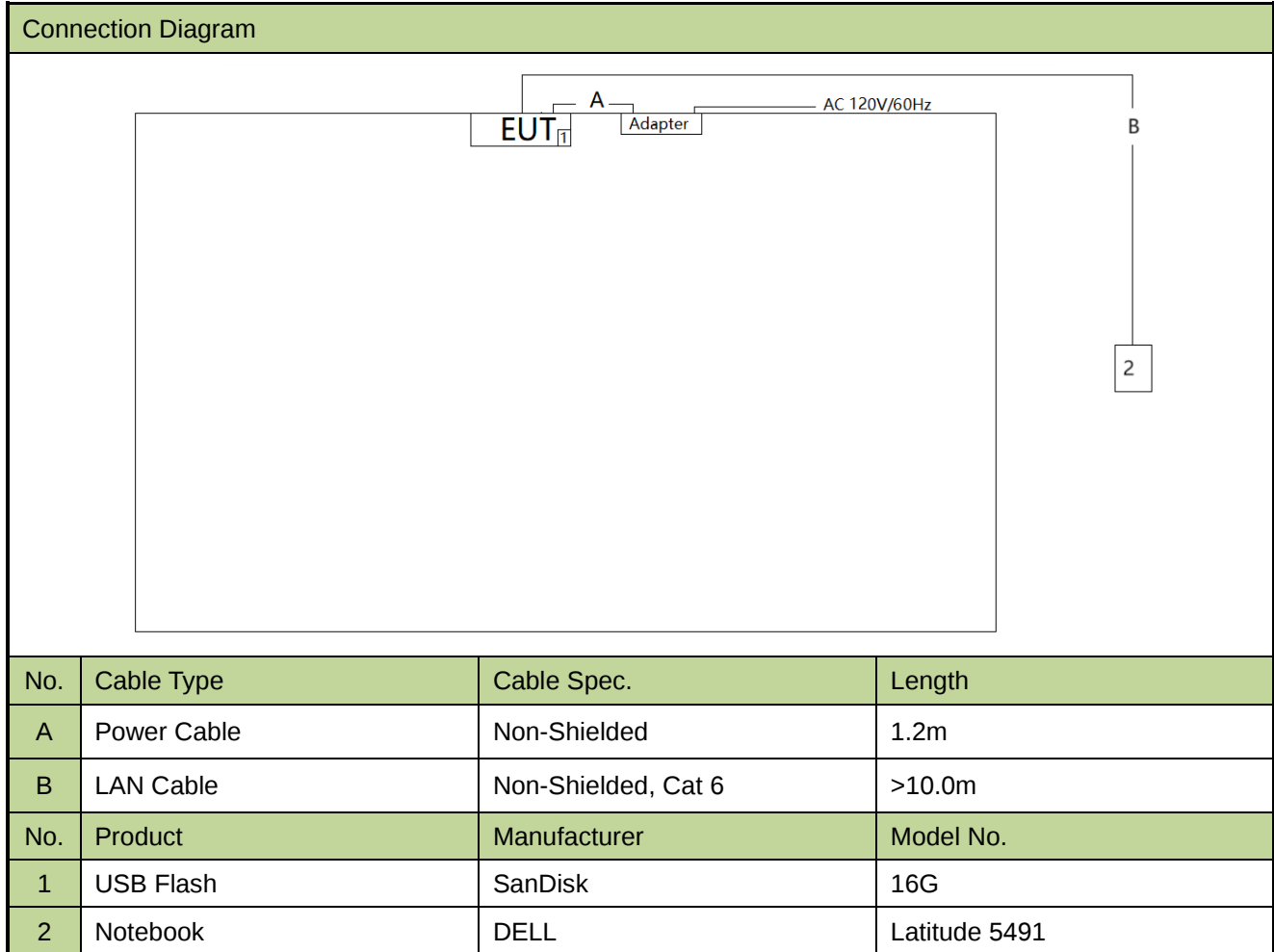
2. Test Configuration

2.1. Test Mode

Mode 1: Transmit by 802.11a (6Mbps)
Mode 2: Transmit by 802.11ac-VHT20_Nss=1 (MCS0)
Mode 3: Transmit by 802.11ac-VHT40_Nss=1 (MCS0)
Mode 4: Transmit by 802.11ac-VHT80_Nss=1 (MCS0)
Mode 5: Transmit by 802.11ac-VHT160_Nss=1 (MCS0)
Mode 6: Transmit by 802.11ax-HE20_Nss=1 (MCS0)
Mode 7: Transmit by 802.11ax-HE40_Nss=1 (MCS0)
Mode 8: Transmit by 802.11ax-HE80_Nss=1 (MCS0)
Mode 9: Transmit by 802.11ax-HE160_Nss=1 (MCS0)
Mode 10: Transmit by 802.11be-EHT20_Nss=1 (MCS0)
Mode 11: Transmit by 802.11be-EHT40_Nss=1 (MCS0)
Mode 12: Transmit by 802.11be-EHT80_Nss=1 (MCS0)
Mode 13: Transmit by 802.11be-EHT160_Nss=1 (MCS0)
Note: 1. For Radiated emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. 2. 802.11n and 802.11ac have same modulation type and same power value, so we only show 802.11ac test data in report. 3. For CDD mode, this device supports 2 Nss and power level is the same of spatial multiplexing. The worst case is Nss=1. 4. For beamforming operation, manufacturer automatically backs power down based on CDD power. Therefore, only the CDD mode was evaluated in this report.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.



2.3. Test Software

The test utility software used during testing was “accessMTool”, and the version was 3.3.0.6.

Note: Final power setting please refer to operational description.

2.4. Applied Standards

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

- FCC Part 15.407
- KDB 789033 D02v02r01
- KDB 662911 D01v02r01
- ANSI C63.10-2013

2.5. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antenna of the device is **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2025-04-17	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2025-05-08	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2025-09-23	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2025-05-06	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2025-04-18	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2025-10-16	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2025-11-03	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2025-01-11	WZ-AC2
Active Loop Antenna	Schwarzbeck	FMZB 1519-60 D	MRTSUE07076	1 year	2025-11-19	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2025-05-12	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08	WZ-SR5
USB Power Sensor	Keysight	U2021XA	MRTSUE06446	1 year	2025-05-08	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11092	1 year	2025-06-05	WZ-SR5
Shielding Room	MIX-BEP	WZ-SR2	MRTSUE06215	5 years	2026-12-20	WZ-SR2
Thermohygrometer	testo	608-H1	MRTSUE06404	1 year	2025-05-12	WZ-SR2
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2025-05-08	WZ-SR2
Four-Line V-Network	R&S	ENV432	MRTSUE06615	1 year	2025-09-05	WZ-SR2
EMI Test Receiver	R&S	ESR3	MRTSUE06909	1 year	2025-09-05	WZ-SR2
Temperature Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2025-09-02	WZ-TR3
Thermohygrometer	testo	608-H1	MRTSUE11268	1 year	2024-12-14	WZ-TR3
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08	WZ-TR3

Software	Version	Function
e3	230711	EMI Test Software
Controller_MF 7802	1.02	RE Antenna & Turntable
BenchVue Power Meter	2018.1	Power

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

AC Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 3.58dB 150kHz~30MHz: 3.20dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Coaxial: 9kHz~30MHz: 2.61dB Coplanar: 9kHz~30MHz: 2.62dB Horizontal: 30MHz~200MHz: 3.79dB 200MHz~1GHz: 3.91dB 1GHz~40GHz: 4.99dB Vertical: 30MHz~200MHz: 4.06dB 200MHz~1GHz: 5.21dB 1GHz~40GHz: 4.90dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.2dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 1.4dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.2dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.7%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.407(a)	26dB Bandwidth	Conducted	Pass
15.407(e)	6dB Bandwidth		Pass
15.407(a)(1)(ii), (2), (3)(i)	Maximum Conducted Output Power		Pass
15.407(h)(1)	Transmit Power Control		Pass
15.407(g)	Frequency Stability		Pass
15.407(a)(1)(ii), (2), (3)(i), (13)	Peak Power Spectral Density		Pass
15.407(h)(2)	Dynamic Frequency Selection (DFS)		Pass Remark 3
15.407(b)(1), (2), (3), (4)(i)	Undesirable Emissions	Radiated	Pass
15.205, 15.209 15.407(b)(8), (9), (10)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)		Pass
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	Pass

Remark:

- The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer.
The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.
- DFS report refers to 2409RSU050-U7.
- “Output Power” was retest and the power is lower than original model APIN0735, so spot check for other items were performed and the test data were referenced from the original report.

6.2. 26dB & 99% Bandwidth Measurement

6.2.1. Test Limit

N/A

6.2.2. Test Procedure

KDB 789033 D02v02r01- Section II)C)1) (26dB Bandwidth)

KDB 789033 D02v02r01- Section II)D) (99% Bandwidth)

6.2.3. Test Setting

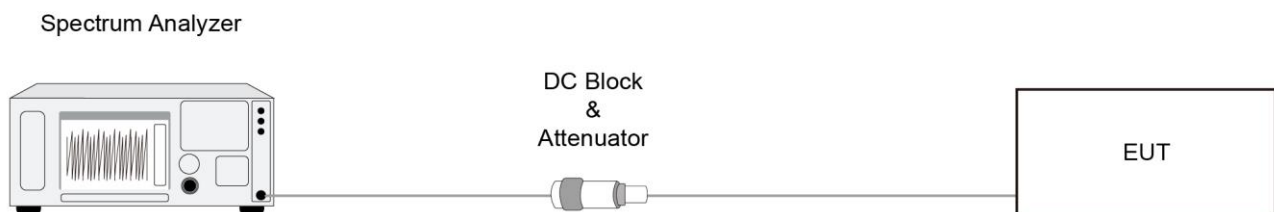
26dB Bandwidth

1. The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth
2. RBW = approximately 1% of the emission bandwidth.
3. VBW > RBW
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

99% Bandwidth

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 1% to 5% of the OBW
3. $VBW \geq 3 \times RBW$
4. Span = 1.5 times to 5 times the OBW
5. Detector = peak
6. Trace mode = max hold
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument.

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.2.

6.3. 6dB Bandwidth Measurement

6.3.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

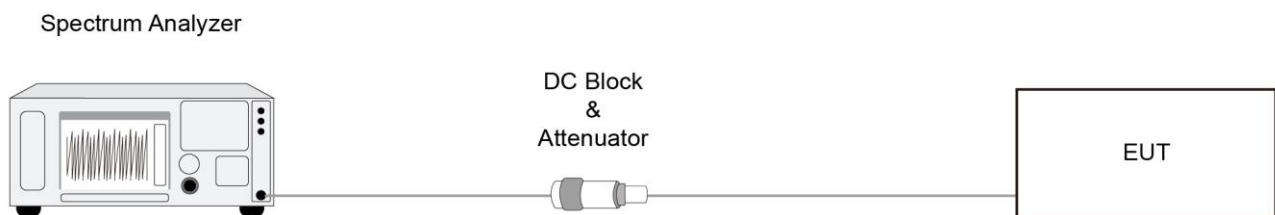
6.3.2. Test Procedure

KDB 789033 D02v02r01- Section II)C)2)

6.3.3. Test Setting

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 100 kHz.
3. VBW $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.3.

6.4. Output Power Measurement

6.4.1. Test Limit

For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.

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

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm).

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

6.4.2. Test Procedure

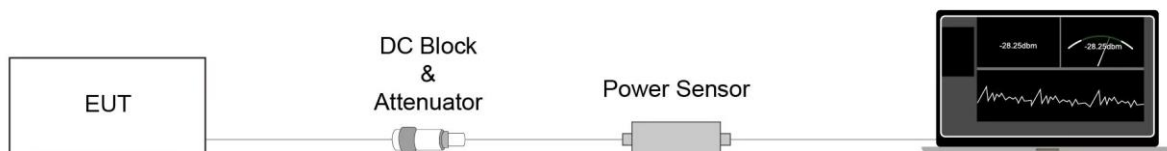
KDB 789033D02v02r01- Section II(E)3)b) Method PM-G

6.4.3. Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.4.

6.5. Transmit Power Control Measurement

6.5.1. Test Limit

The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm.

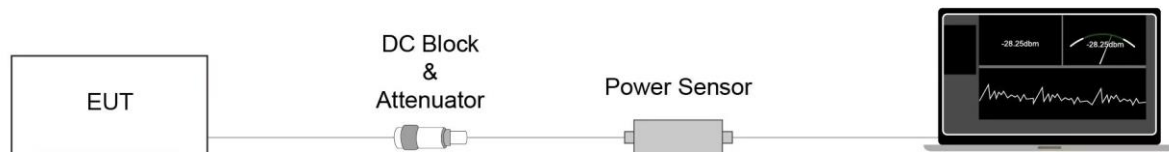
6.5.2. Test Procedure

KDB 789033 D02v02r01- Section II)E)3)b) Method PM-G

6.5.3. Test Setting

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

6.5.4. Test Setup



6.5.5. Test Result

Device supports TPC mechanism, details refer to the operational description.

6.6. Power Spectral Density Measurement

6.6.1. Test Limit

For the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

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

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

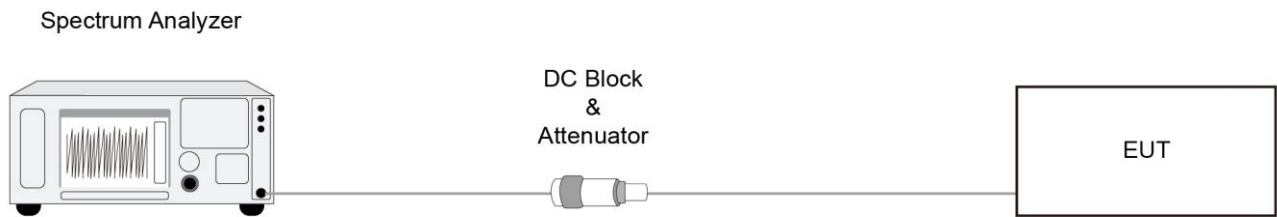
6.6.2. Test Procedure

KDB 789033 D02v02r01-Section II)F)

6.6.3. Test Setting

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire 26dB EBW of the signal.
3. RBW = 1MHz (510kHz, if measurement bandwidth of Maximum PSD is specified in 500 kHz)
4. VBW = $3 \times \text{RBW}$
5. Number of sweep points $\geq 2 \times (\text{span} / \text{RBW})$
6. Detector = power averaging (Average)
7. Sweep time = auto
8. Trigger = free run
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
11. Add $10 \cdot \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \cdot \log(1/0.25) = 6 \text{ dB}$ if the duty cycle is 25 percent.

6.6.4. Test Setup



6.6.5. Test Result

Refer to Appendix A.5.

6.7. Frequency Stability Measurement

6.7.1. Test Limit

Manufactures 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.

6.7.2. Test Procedure

Frequency Stability Under Temperature Variations:

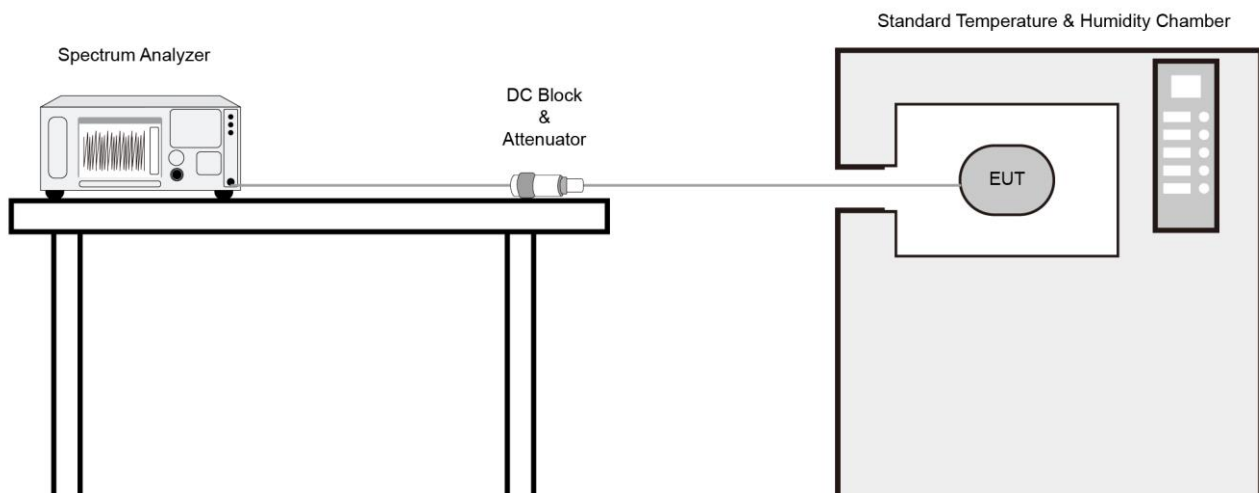
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

6.7.3. Test Setup



6.7.4. Test Result

Refer to Appendix A.6.

6.8. Radiated Spurious Emission Measurement

6.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.8.2. Test Procedure

KDB 789033 D02v02r01- Section II)G)

6.8.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz

If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. T is the minimum transmission duration

802.11a	VBW = 510Hz	802.11ax-HE80	VBW = 2700Hz
802.11ac-VHT20	VBW = 560Hz	802.11ax-HE160	VBW = 4300Hz
802.11ac-VHT40	VBW = 1100Hz	802.11be-EHT20	VBW = 680Hz
802.11ac-VHT80	VBW = 2200Hz	802.11be-EHT40	VBW = 1300Hz
802.11ac-VHT160	VBW = 4300Hz	802.11be-EHT80	VBW = 2700Hz
802.11ax-HE20	VBW = 680Hz	802.11be-EHT160	VBW = 4300Hz
802.11ax-HE40	VBW = 1300Hz	--	--

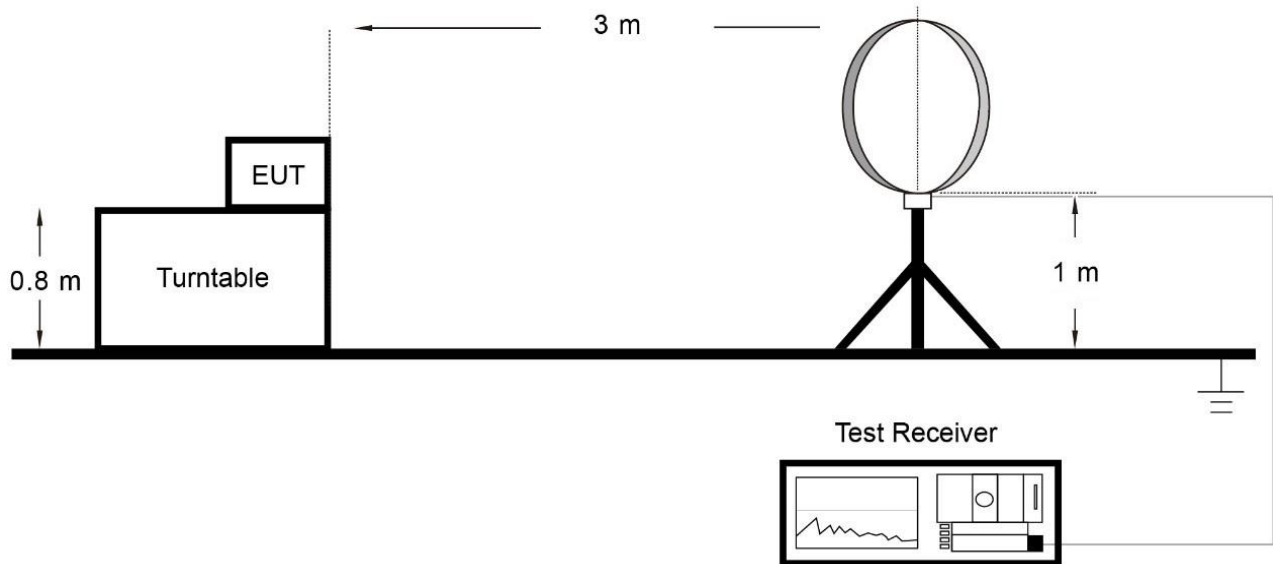
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to

“Voltage” regardless of the display mode

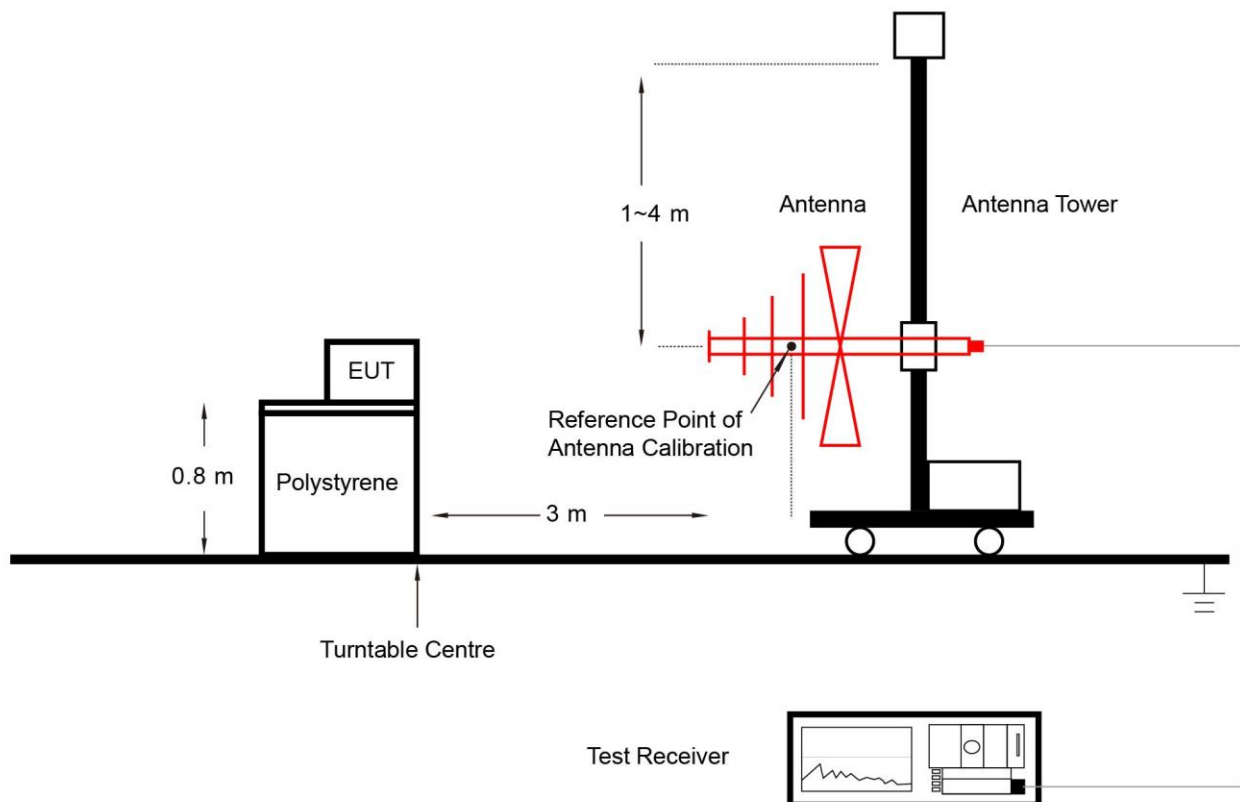
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

6.8.4. Test Setup

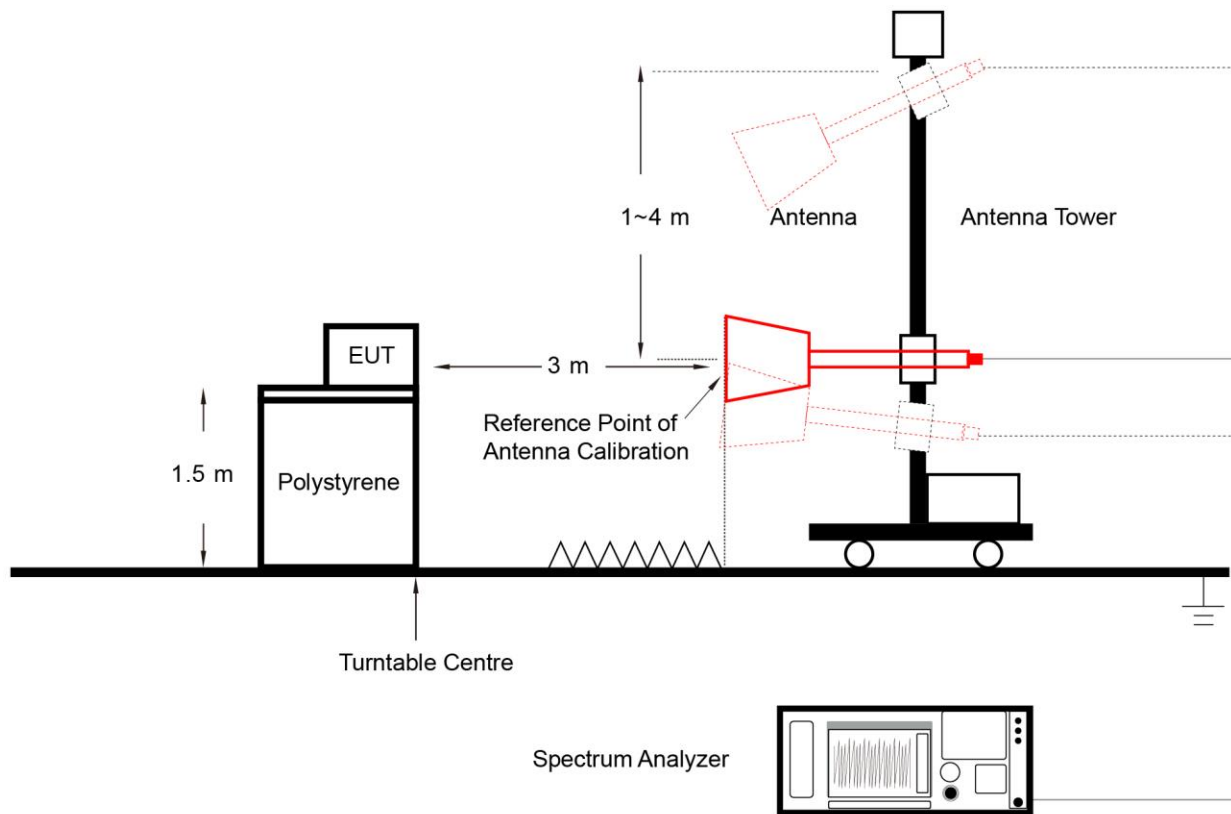
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.8.5. Test Result

Refer to Appendix A.7.

6.9. Radiated Restricted Band Edge Measurement

6.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

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

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

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

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

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum 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 peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.9.2. Test Procedure

KDB 789033 D02v02r01- Section II)G)

6.9.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.

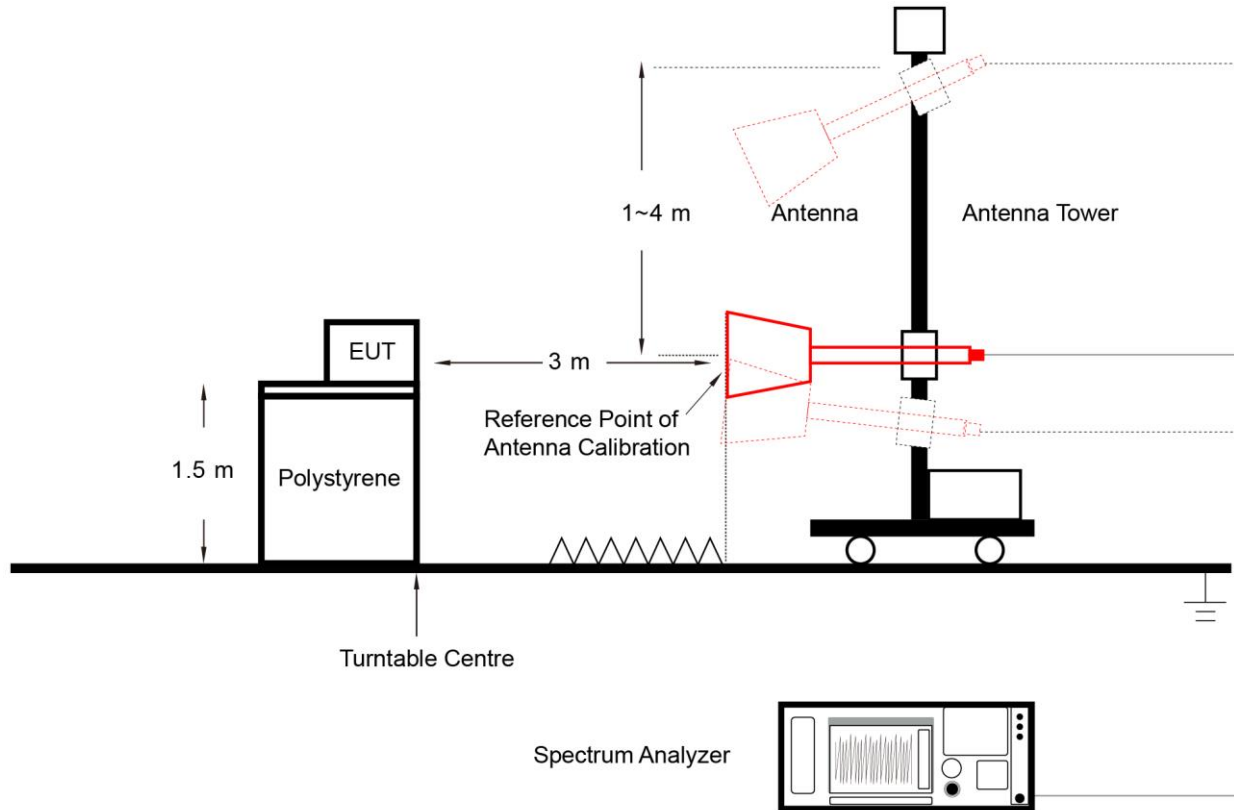
If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. T is the minimum transmission duration.

802.11a	VBW = 510Hz	802.11ax-HE80	VBW = 2700Hz
802.11ac-VHT20	VBW = 560Hz	802.11ax-HE160	VBW = 4300Hz
802.11ac-VHT40	VBW = 1100Hz	802.11be-EHT20	VBW = 680Hz
802.11ac-VHT80	VBW = 2200Hz	802.11be-EHT40	VBW = 1300Hz
802.11ac-VHT160	VBW = 4300Hz	802.11be-EHT80	VBW = 2700Hz
802.11ax-HE20	VBW = 680Hz	802.11be-EHT160	VBW = 4300Hz
802.11ax-HE40	VBW = 1300Hz	--	--

4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto

7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.9.4. Test Setup



6.9.5. Test Result

Refer to Appendix A.8.

6.10. AC Conducted Emissions Measurement

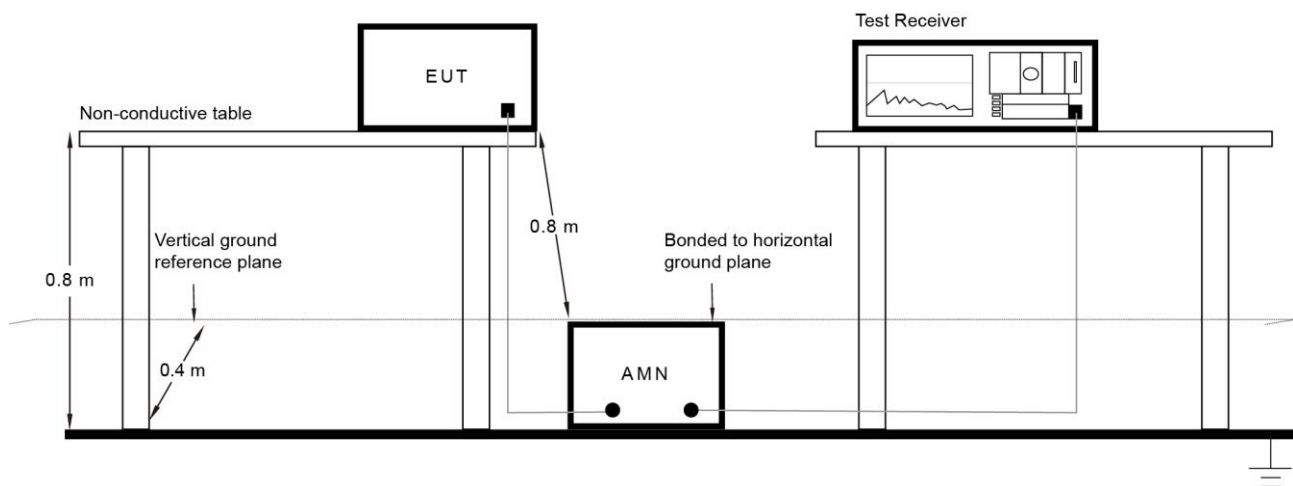
6.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.10.2. Test Setup



6.10.3. Test Result

Refer to Appendix A.9.

Appendix A – Test Result

A.1 Duty Cycle Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.1

A.2 26dB Bandwidth Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.2

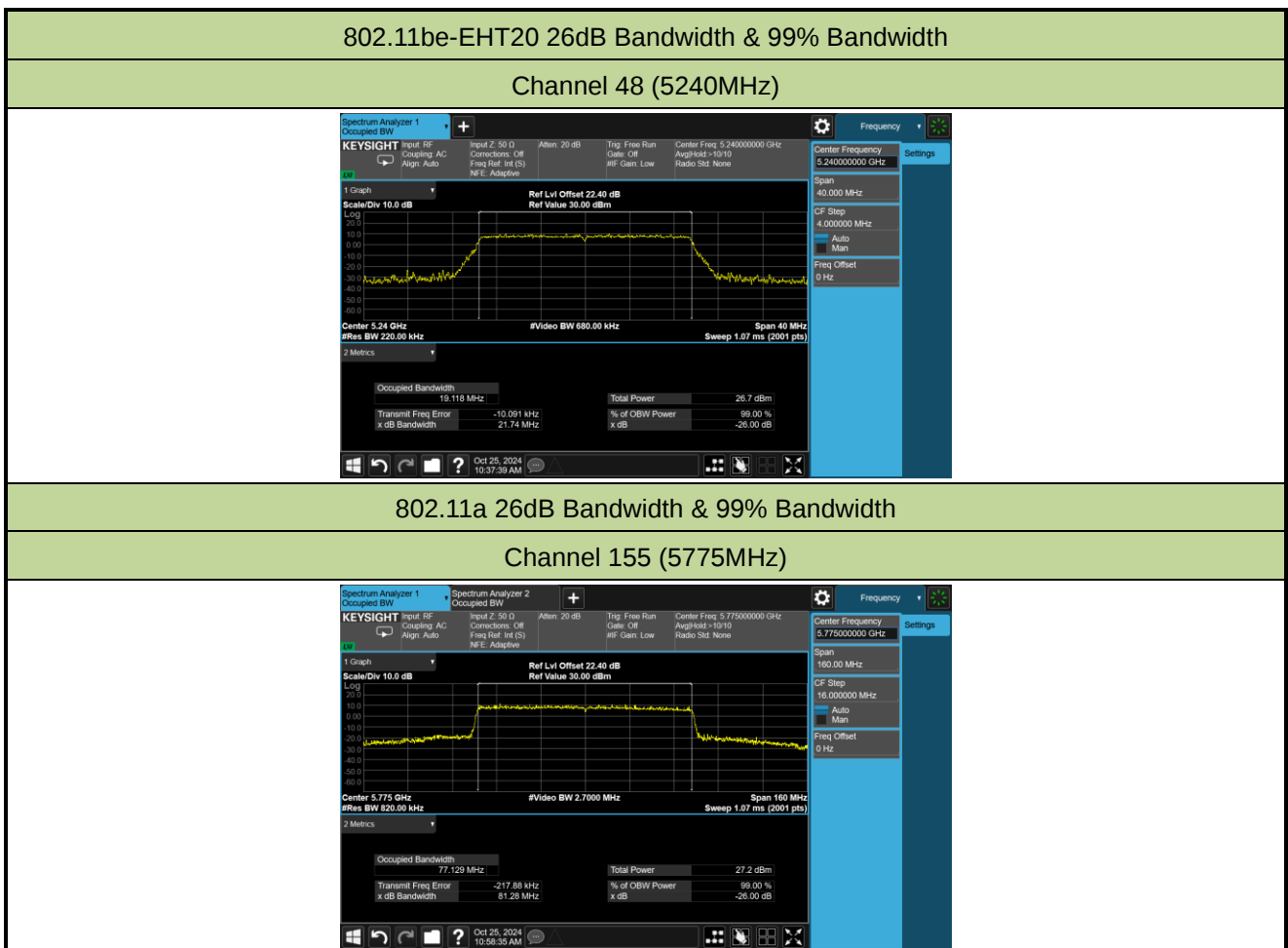
Spot Check:

Radio 1:

5G_PFB (M5232) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-25		

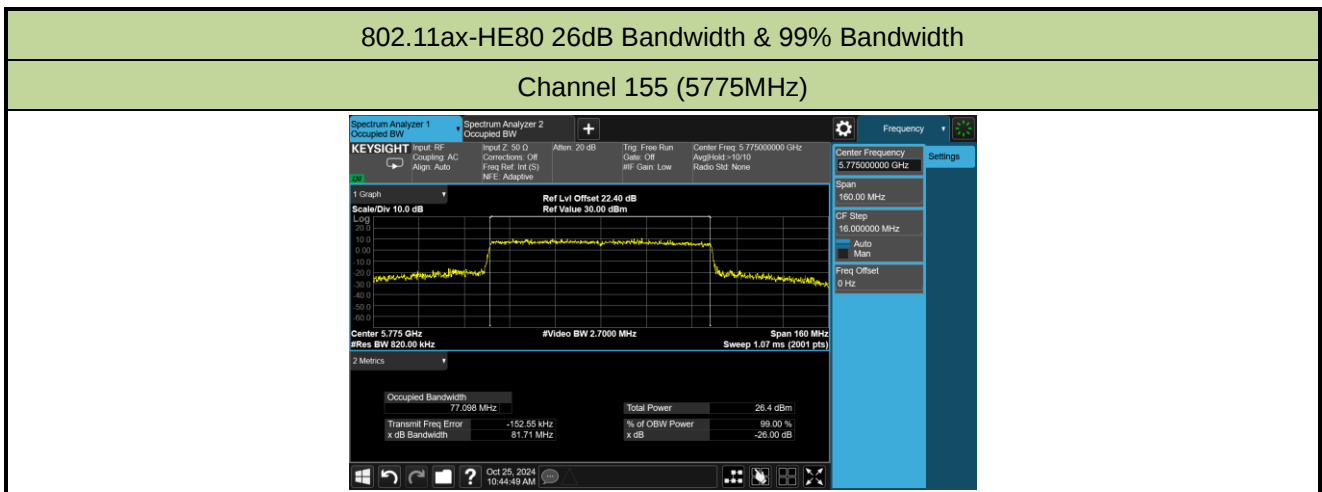
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11be-EHT20	MCS0	48	5240	21.74	19.118
11ax-HE80	MCS0	155	5775	81.28	77.129



5G_HB (B8394) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-25		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax-HE80	MCS0	155	5775	81.71	77.098



A.3 6dB Bandwidth Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.3

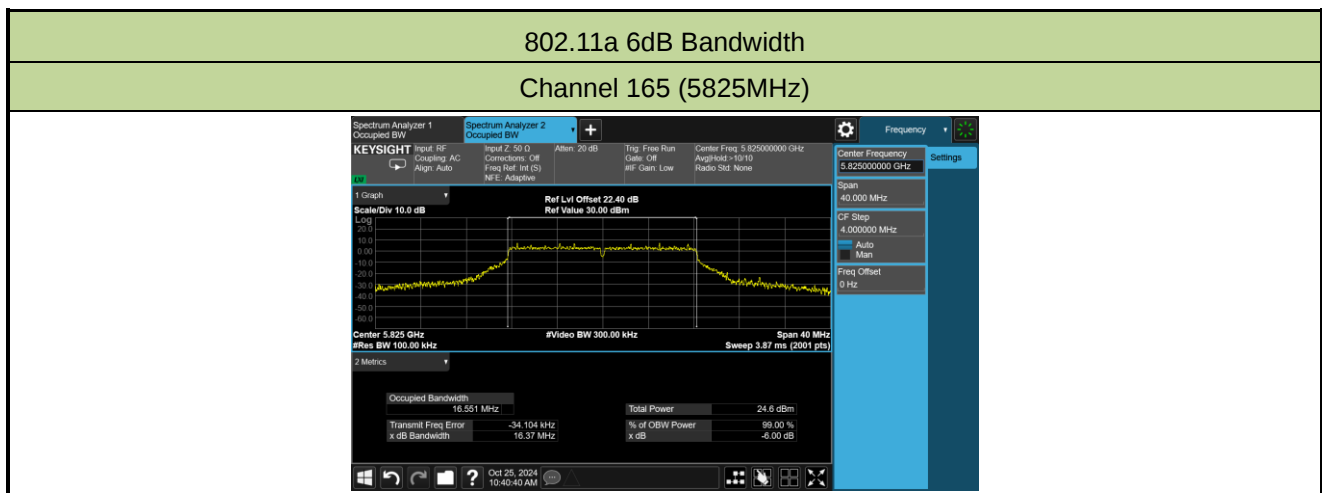
Spot Check:

Radio 1:

5G_HB (B8394) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-25		

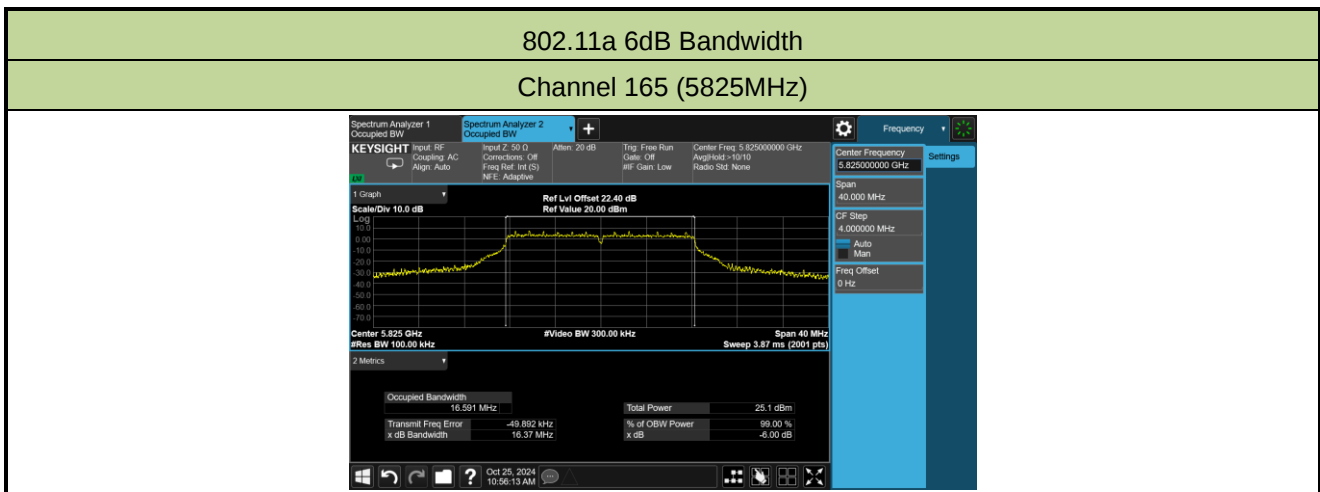
Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	165	5825	16.37	≥0.5



5G_PFB (M5232) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-25		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
11a	6Mbps	165	5825	16.37	≥0.5



A.4 Output Power Test Result

5G_HB (B8394) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-30		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 5	Ant 2		
11a	6Mbps	149	5745	18.79	17.53	21.22	≤ 30.00
11a	6Mbps	157	5785	18.50	17.35	20.97	≤ 30.00
11a	6Mbps	165	5825	19.10	17.05	21.21	≤ 30.00
11ac-VHT20	MCS0	149	5745	18.64	17.20	20.99	≤ 30.00
11ac-VHT20	MCS0	157	5785	18.72	17.21	21.04	≤ 30.00
11ac-VHT20	MCS0	165	5825	19.16	16.82	21.16	≤ 30.00
11ac-VHT40	MCS0	151	5755	18.80	17.70	21.30	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.64	17.23	21.00	≤ 30.00
11ac-VHT80	MCS0	155	5775	18.73	17.32	21.09	≤ 30.00
11ax-HE20	MCS0	149	5745	18.75	17.82	21.32	≤ 30.00
11ax-HE20	MCS0	157	5785	18.66	17.32	21.05	≤ 30.00
11ax-HE20	MCS0	165	5825	18.75	17.61	21.23	≤ 30.00
11ax-HE40	MCS0	151	5755	18.43	17.75	21.11	≤ 30.00
11ax-HE40	MCS0	159	5795	18.63	17.03	20.91	≤ 30.00
11ax-HE80	MCS0	155	5775	18.81	17.73	21.31	≤ 30.00
11be-EHT20	MCS0	149	5745	18.49	18.26	21.39	≤ 30.00
11be-EHT20	MCS0	157	5785	18.74	17.34	21.11	≤ 30.00
11be-EHT20	MCS0	165	5825	18.74	17.00	20.97	≤ 30.00
11be-EHT40	MCS0	151	5755	18.46	17.46	21.00	≤ 30.00
11be-EHT40	MCS0	159	5795	18.45	17.10	20.84	≤ 30.00
11be-EHT80	MCS0	155	5775	18.60	17.29	21.00	≤ 30.00

Note: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 5 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$ (dBm).

5G_PFB (M5232) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-30		

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 5	Ant 2		
11a	6Mbps	36	5180	18.66	17.52	21.14	≤ 30.00
11a	6Mbps	44	5220	18.22	17.91	21.08	≤ 30.00
11a	6Mbps	48	5240	18.28	18.11	21.21	≤ 30.00
11a	6Mbps	52	5260	17.87	17.74	20.82	≤ 23.98
11a	6Mbps	60	5300	18.73	17.88	21.34	≤ 23.98
11a	6Mbps	64	5320	18.87	17.65	21.31	≤ 23.98
11a	6Mbps	100	5500	17.15	15.51	19.42	≤ 23.98
11a	6Mbps	116	5580	18.18	17.55	20.89	≤ 23.98
11a	6Mbps	140	5700	17.05	16.40	19.75	≤ 23.98
11a	6Mbps	144	5720	18.23	17.40	20.85	≤ 22.98 Note 2 & Note 3
11a	6Mbps	149	5745	18.40	17.78	21.11	≤ 30.00
11a	6Mbps	157	5785	18.30	18.00	21.16	≤ 30.00
11a	6Mbps	165	5825	18.36	17.62	21.02	≤ 30.00
11ac-VHT20	MCS0	36	5180	18.75	17.50	21.18	≤ 30.00
11ac-VHT20	MCS0	44	5220	18.26	17.96	21.12	≤ 30.00
11ac-VHT20	MCS0	48	5240	17.99	17.79	20.90	≤ 30.00
11ac-VHT20	MCS0	52	5260	18.18	17.80	21.00	≤ 23.98
11ac-VHT20	MCS0	60	5300	18.57	17.81	21.22	≤ 23.98
11ac-VHT20	MCS0	64	5320	18.73	17.52	21.18	≤ 23.98
11ac-VHT20	MCS0	100	5500	17.32	16.00	19.72	≤ 23.98
11ac-VHT20	MCS0	116	5580	18.16	17.30	20.76	≤ 23.98
11ac-VHT20	MCS0	140	5700	17.23	16.40	19.85	≤ 23.98
11ac-VHT20	MCS0	144	5720	18.25	17.64	20.97	≤ 23.00 Note 2 & Note 3
11ac-VHT20	MCS0	149	5745	18.47	17.54	21.04	≤ 30.00
11ac-VHT20	MCS0	157	5785	18.45	17.98	21.23	≤ 30.00
11ac-VHT20	MCS0	165	5825	18.61	17.90	21.28	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 5	Ant 2		
11ac-VHT40	MCS0	38	5190	17.96	16.61	20.35	≤ 30.00
11ac-VHT40	MCS0	46	5230	18.23	17.53	20.90	≤ 30.00
11ac-VHT40	MCS0	54	5270	18.44	17.66	21.08	≤ 23.98
11ac-VHT40	MCS0	62	5310	17.32	16.35	19.87	≤ 23.98
11ac-VHT40	MCS0	102	5510	13.83	12.68	16.30	≤ 23.98
11ac-VHT40	MCS0	110	5550	18.03	16.92	20.52	≤ 23.98
11ac-VHT40	MCS0	134	5670	16.49	15.77	19.16	≤ 23.98
11ac-VHT40	MCS0	142	5710	18.46	17.15	20.86	≤ 23.98 ^{Note 2 & Note 3}
11ac-VHT40	MCS0	151	5755	18.34	17.82	21.10	≤ 30.00
11ac-VHT40	MCS0	159	5795	18.06	17.50	20.80	≤ 30.00
11ac-VHT80	MCS0	42	5210	15.94	15.50	18.74	≤ 30.00
11ac-VHT80	MCS0	58	5290	17.33	16.67	20.02	≤ 23.98
11ac-VHT80	MCS0	106	5530	14.24	13.52	16.91	≤ 23.98
11ac-VHT80	MCS0	122	5610	18.52	17.95	21.25	≤ 23.98
11ac-VHT80	MCS0	138	5690	18.55	17.51	21.07	≤ 23.98 ^{Note 2 & Note 3}
11ac-VHT80	MCS0	155	5775	18.46	17.79	21.15	≤ 30.00
11ac-VHT160	MCS0	50	5250	13.38	13.24	16.32	≤ 23.98 ^{Note 4}
11ac-VHT160	MCS0	114	5570	14.21	13.95	17.09	≤ 23.98
11ax-HE20	MCS0	36	5180	18.71	17.21	21.03	≤ 30.00
11ax-HE20	MCS0	44	5220	18.55	17.82	21.21	≤ 30.00
11ax-HE20	MCS0	48	5240	18.27	17.73	21.02	≤ 30.00
11ax-HE20	MCS0	52	5260	18.23	17.32	20.81	≤ 23.98
11ax-HE20	MCS0	60	5300	18.49	17.40	20.99	≤ 23.98
11ax-HE20	MCS0	64	5320	18.83	17.55	21.25	≤ 23.98
11ax-HE20	MCS0	100	5500	17.80	15.84	19.94	≤ 23.98
11ax-HE20	MCS0	116	5580	18.23	17.31	20.80	≤ 23.98
11ax-HE20	MCS0	140	5700	16.72	16.02	19.39	≤ 23.98
11ax-HE20	MCS0	144	5720	18.56	17.69	21.16	≤ 23.00 ^{Note 2 & Note 3}
11ax-HE20	MCS0	149	5745	18.51	17.47	21.03	≤ 30.00
11ax-HE20	MCS0	157	5785	18.31	18.11	21.22	≤ 30.00
11ax-HE20	MCS0	165	5825	18.30	17.45	20.91	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 5	Ant 2		
11ax-HE40	MCS0	38	5190	16.88	17.25	20.08	≤ 30.00
11ax-HE40	MCS0	46	5230	18.62	17.30	21.02	≤ 30.00
11ax-HE40	MCS0	54	5270	18.52	17.46	21.03	≤ 23.98
11ax-HE40	MCS0	62	5310	17.49	15.90	19.78	≤ 23.98
11ax-HE40	MCS0	102	5510	14.67	13.39	17.09	≤ 23.98
11ax-HE40	MCS0	110	5550	18.54	16.94	20.82	≤ 23.98
11ax-HE40	MCS0	134	5670	16.56	16.33	19.46	≤ 23.98
11ax-HE40	MCS0	142	5710	18.34	17.31	20.87	≤ 23.98 Note 2 & Note 3
11ax-HE40	MCS0	151	5755	18.55	18.01	21.30	≤ 30.00
11ax-HE40	MCS0	159	5795	18.26	17.88	21.08	≤ 30.00
11ax-HE80	MCS0	42	5210	16.60	16.31	19.47	≤ 30.00
11ax-HE80	MCS0	58	5290	17.04	16.41	19.75	≤ 23.98
11ax-HE80	MCS0	106	5530	13.95	13.18	16.59	≤ 23.98
11ax-HE80	MCS0	122	5610	18.33	17.69	21.03	≤ 23.98
11ax-HE80	MCS0	138	5690	18.53	17.84	21.21	≤ 23.98 Note 2 & Note 3
11ax-HE80	MCS0	155	5775	18.27	17.88	21.09	≤ 30.00
11ax-HE160	MCS0	50	5250	14.88	14.57	17.74	≤ 23.98 Note 4
11ax-HE160	MCS0	114	5570	14.30	14.14	17.23	≤ 23.98
11be-EHT20	MCS0	36	5180	18.66	17.41	21.09	≤ 30.00
11be-EHT20	MCS0	44	5220	18.45	17.51	21.02	≤ 30.00
11be-EHT20	MCS0	48	5240	18.37	17.71	21.06	≤ 30.00
11be-EHT20	MCS0	52	5260	18.46	17.32	20.94	≤ 23.98
11be-EHT20	MCS0	60	5300	18.88	17.65	21.32	≤ 23.98
11be-EHT20	MCS0	64	5320	18.65	17.17	20.98	≤ 23.98
11be-EHT20	MCS0	100	5500	17.24	15.33	19.40	≤ 23.98
11be-EHT20	MCS0	116	5580	18.68	17.67	21.21	≤ 23.98
11be-EHT20	MCS0	140	5700	16.32	15.71	19.04	≤ 23.98
11be-EHT20	MCS0	144	5720	18.68	17.93	21.33	≤ 22.99 Note 2 & Note 3
11be-EHT20	MCS0	149	5745	18.74	17.77	21.29	≤ 30.00
11be-EHT20	MCS0	157	5785	18.20	18.01	21.12	≤ 30.00
11be-EHT20	MCS0	165	5825	18.32	17.53	20.95	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 5	Ant 2		
11be-EHT40	MCS0	38	5190	17.89	16.18	20.13	≤ 30.00
11be-EHT40	MCS0	46	5230	18.90	17.68	21.34	≤ 30.00
11be-EHT40	MCS0	54	5270	18.77	17.52	21.20	≤ 23.98
11be-EHT40	MCS0	62	5310	16.65	15.78	19.25	≤ 23.98
11be-EHT40	MCS0	102	5510	15.02	13.91	17.51	≤ 23.98
11be-EHT40	MCS0	110	5550	18.37	17.18	20.83	≤ 23.98
11be-EHT40	MCS0	134	5670	17.22	16.41	19.84	≤ 23.98
11be-EHT40	MCS0	142	5710	18.31	17.36	20.87	≤ 23.98 Note 2 & Note 3
11be-EHT40	MCS0	151	5755	18.46	17.90	21.20	≤ 30.00
11be-EHT40	MCS0	159	5795	18.19	17.60	20.92	≤ 30.00
11be-EHT80	MCS0	42	5210	16.53	16.24	19.40	≤ 30.00
11be-EHT80	MCS0	58	5290	17.60	16.84	20.25	≤ 23.98
11be-EHT80	MCS0	106	5530	13.68	13.01	16.37	≤ 23.98
11be-EHT80	MCS0	122	5610	18.04	17.77	20.92	≤ 23.98
11be-EHT80	MCS0	138	5690	18.60	17.67	21.17	≤ 23.98 Note 2 & Note 3
11be-EHT80	MCS0	155	5775	18.30	17.57	20.96	≤ 30.00
11be-EHT160	MCS0	50	5250	14.99	14.54	17.78	≤ 23.98 Note 4
11be-EHT160	MCS0	114	5570	13.82	13.48	16.66	≤ 23.98

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 5 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)}\}$ (dBm).

Note 2: Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ which is less.

Note 3: This is a straddle channel that spans bands NII-2C and NII-3, the total power of the channel complies with the limit of NII-2C which is the more stringent limit of NII-2C and NII-3.

Note 4: This is a straddle channel that spans bands NII-1 and NII-2A, the total power of the channel complies with the limit of NII-2A which is the more stringent limit of NII-1 and NII-2A.

A.5 Power Spectral Density Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.5

Spot Check:

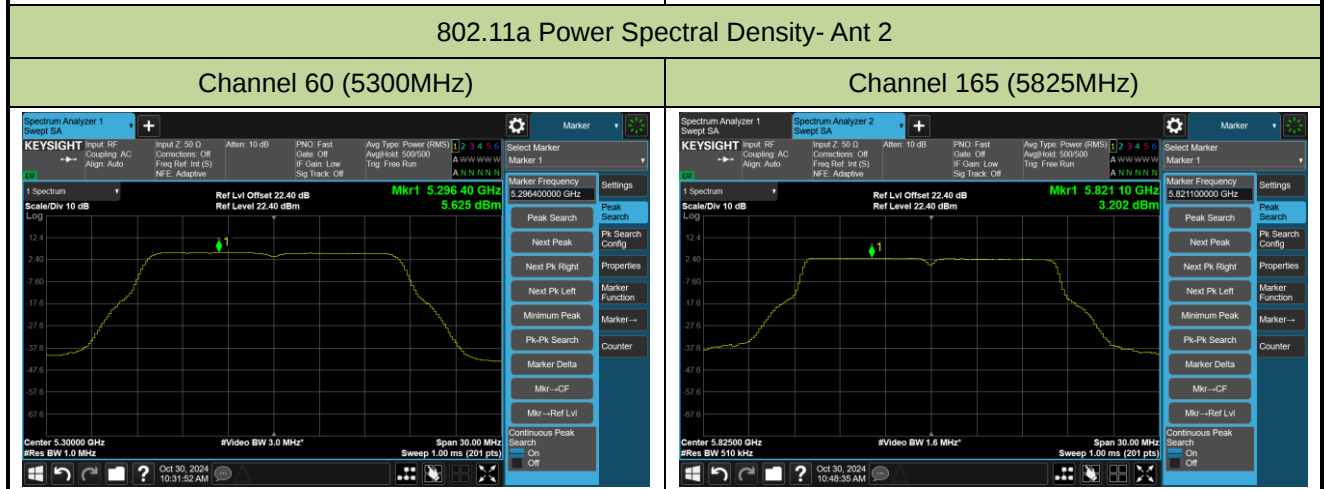
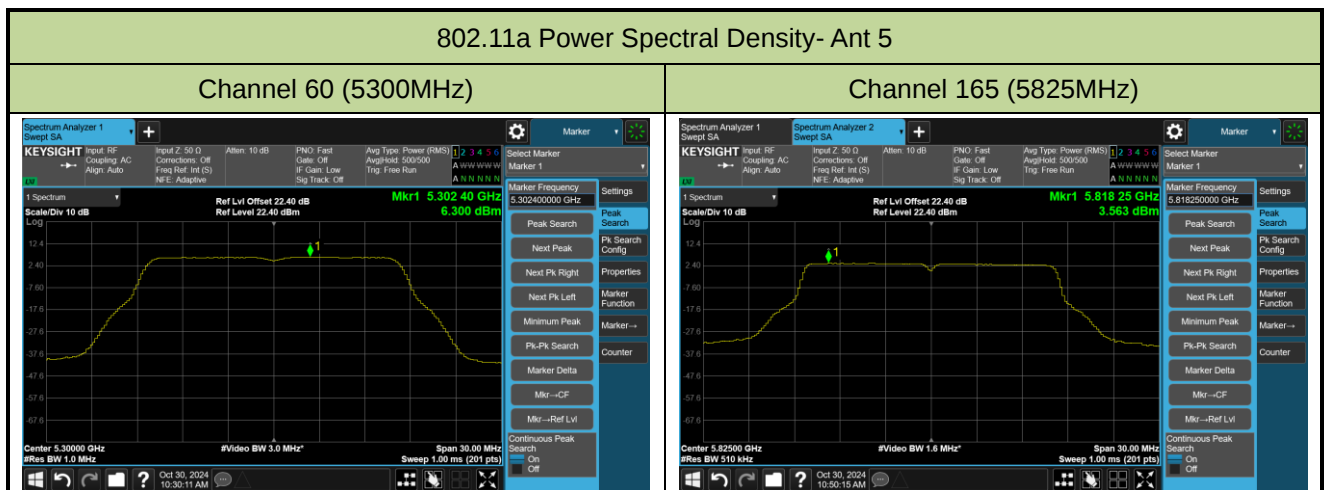
Radio 1:

5G_PFB (M5232) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-30		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVGPSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 5	Ant 2			
11a	6Mbps	60	5300	6.300	5.625	94.94	9.211	≤ 11.00
11a	6Mbps	165	5825	3.563	3.202	94.94	6.622	≤ 30.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 5 AVGPSD}/10)} + 10^{(\text{Ant 2 AVGPSD}/10)}\}$
+ $10 \cdot \log (1/\text{Duty cycle})$.



5G_HB (B8394) Filter

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2024-10-30		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	AVG PSD (dBm/ MHz)		Duty Cycle (%)	Total PSD (dBm/ MHz)	PSD Limit (dBm/MHz)
				Ant 5	Ant 2			
11a	6Mbps	165	5825	2.830	2.549	94.94	5.928	≤ 30.00

Note: When EUT duty cycle < 98%, the total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 5 AVG PSD}/10)} + 10^{(\text{Ant 2 AVG PSD}/10)}\}$
+10*log (1/Duty cycle).

802.11a Power Spectral Density- Ant 5

Channel 165 (5825MHz)



802.11a Power Spectral Density- Ant 2

Channel 165 (5825MHz)



A.6 Frequency Stability Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.6

Spot Check:

Radio 1:

Test Site	WZ-TR3	Test Engineer	Dandy Li
Test Date	2024-10-30	Test Mode	5180MHz (Carrier Mode)

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100	120	- 20	11.93

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Radiated Spurious Emission Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.7

Spot Check:

Radio 1:

5G_PFB (M5232) Filter

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7454.9	32.0	10.5	42.5	74.0	-31.5	Peak	Horizontal
*	9998.1	33.3	12.7	46.0	68.2	-22.2	Peak	Horizontal
	11558.7	31.9	16.7	48.6	74.0	-25.4	Peak	Horizontal
*	16997.0	32.5	20.7	53.2	68.2	-15.0	Peak	Horizontal
	8313.4	31.7	9.9	41.6	74.0	-32.4	Peak	Vertical
*	10088.2	32.7	12.8	45.5	68.2	-22.7	Peak	Vertical
	11441.4	30.8	16.3	47.1	74.0	-26.9	Peak	Vertical
*	16973.2	32.0	20.3	52.3	68.2	-15.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7478.7	32.6	10.5	43.1	74.0	-30.9	Peak	Horizontal
*	9960.7	33.1	12.8	45.9	68.2	-22.3	Peak	Horizontal
	11489.0	31.4	16.7	48.1	74.0	-25.9	Peak	Horizontal
*	17010.6	32.7	20.6	53.3	68.2	-14.9	Peak	Horizontal
	7436.2	31.6	10.5	42.1	74.0	-31.9	Peak	Vertical
*	9938.6	33.1	12.8	45.9	68.2	-22.3	Peak	Vertical
	11796.7	30.2	16.6	46.8	74.0	-27.2	Peak	Vertical
*	16944.3	32.1	20.2	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7565.4	31.3	10.4	41.7	74.0	-32.3	Peak	Horizontal
*	9877.4	32.5	12.8	45.3	68.2	-22.9	Peak	Horizontal
	11099.7	31.6	15.9	47.5	74.0	-26.5	Peak	Horizontal
*	16912.0	32.1	20.4	52.5	68.2	-15.7	Peak	Horizontal
	8107.7	30.7	10.8	41.5	74.0	-32.5	Peak	Vertical
	11562.1	31.7	16.7	48.4	74.0	-25.6	Peak	Vertical
*	14851.6	31.0	18.6	49.6	68.2	-18.6	Peak	Vertical
*	17156.8	31.5	21.5	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7699.7	32.2	10.1	42.3	74.0	-31.7	Peak	Horizontal
*	10123.9	32.9	13.1	46.0	68.2	-22.2	Peak	Horizontal
	11502.6	32.1	16.4	48.5	74.0	-25.5	Peak	Horizontal
*	13955.7	30.8	18.7	49.5	68.2	-18.7	Peak	Horizontal
	7524.6	32.6	10.7	43.3	74.0	-30.7	Peak	Vertical
*	10112.0	32.4	13.1	45.5	68.2	-22.7	Peak	Vertical
	11555.3	30.4	16.7	47.1	74.0	-26.9	Peak	Vertical
*	14761.5	31.6	18.4	50.0	68.2	-18.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8293.0	33.0	9.9	42.9	74.0	-31.1	Peak	Horizontal
*	10140.9	32.2	13.0	45.2	68.2	-23.0	Peak	Horizontal
	11545.1	32.0	16.6	48.6	74.0	-25.4	Peak	Horizontal
*	17073.5	32.9	21.1	54.0	68.2	-14.2	Peak	Horizontal
	8238.6	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
*	10045.7	33.3	12.9	46.2	68.2	-22.0	Peak	Vertical
	11480.5	31.6	16.6	48.2	74.0	-25.8	Peak	Vertical
*	16990.2	33.3	20.6	53.9	68.2	-14.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7424.3	31.9	10.4	42.3	74.0	-31.7	Peak	Horizontal
*	10028.7	32.3	12.9	45.2	68.2	-23.0	Peak	Horizontal
	11723.6	30.5	16.8	47.3	74.0	-26.7	Peak	Horizontal
*	13863.9	30.6	18.5	49.1	68.2	-19.1	Peak	Horizontal
	7560.3	33.1	10.5	43.6	74.0	-30.4	Peak	Vertical
*	10130.7	33.0	13.1	46.1	68.2	-22.1	Peak	Vertical
	11473.7	31.6	16.6	48.2	74.0	-25.8	Peak	Vertical
*	16995.3	32.8	20.7	53.5	68.2	-14.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7473.6	32.1	10.5	42.6	74.0	-31.4	Peak	Horizontal
*	9889.3	32.5	12.8	45.3	68.2	-22.9	Peak	Horizontal
	11485.6	31.4	16.7	48.1	74.0	-25.9	Peak	Horizontal
*	16980.0	30.5	20.4	50.9	68.2	-17.3	Peak	Horizontal
	7529.7	30.0	10.7	40.7	74.0	-33.3	Peak	Vertical
*	9979.4	31.2	12.8	44.0	68.2	-24.2	Peak	Vertical
	11405.7	30.3	16.6	46.9	74.0	-27.1	Peak	Vertical
*	16735.2	30.8	19.0	49.8	68.2	-18.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8374.6	31.8	10.2	42.0	74.0	-32.0	Peak	Horizontal
*	10244.6	31.2	13.4	44.6	68.2	-23.6	Peak	Horizontal
	11555.3	31.9	16.7	48.6	74.0	-25.4	Peak	Horizontal
*	17053.1	32.5	21.0	53.5	68.2	-14.7	Peak	Horizontal
	8228.4	32.5	10.1	42.6	74.0	-31.4	Peak	Vertical
*	10064.4	32.6	12.7	45.3	68.2	-22.9	Peak	Vertical
	11548.5	31.2	16.6	47.8	74.0	-26.2	Peak	Vertical
*	16986.8	33.1	20.5	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7480.4	32.4	10.5	42.9	74.0	-31.1	Peak	Horizontal
*	10008.3	32.2	12.7	44.9	68.2	-23.3	Peak	Horizontal
	11307.1	29.3	16.3	45.6	74.0	-28.4	Peak	Horizontal
*	14379.0	31.5	18.8	50.3	68.2	-17.9	Peak	Horizontal
	7478.7	32.7	10.5	43.2	74.0	-30.8	Peak	Vertical
*	9760.1	33.2	12.5	45.7	68.2	-22.5	Peak	Vertical
	11487.3	31.3	16.7	48.0	74.0	-26.0	Peak	Vertical
*	17005.5	33.3	20.6	53.9	68.2	-14.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7436.2	32.4	10.5	42.9	74.0	-31.1	Peak	Horizontal
*	10103.5	33.3	13.0	46.3	68.2	-21.9	Peak	Horizontal
	11407.4	30.7	16.6	47.3	74.0	-26.7	Peak	Horizontal
*	17075.2	32.5	21.0	53.5	68.2	-14.7	Peak	Horizontal
	8102.6	33.5	10.8	44.3	74.0	-29.7	Peak	Vertical
*	9918.2	33.8	12.7	46.5	68.2	-21.7	Peak	Vertical
	11249.3	32.5	16.4	48.9	74.0	-25.1	Peak	Vertical
*	14938.3	33.1	18.7	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8134.9	32.2	10.6	42.8	74.0	-31.2	Peak	Horizontal
*	10234.4	31.8	13.4	45.2	68.2	-23.0	Peak	Horizontal
	11963.3	32.7	16.0	48.7	74.0	-25.3	Peak	Horizontal
*	14951.9	31.8	18.2	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	32.3	10.5	42.8	74.0	-31.2	Peak	Vertical
*	10008.3	33.7	12.7	46.4	68.2	-21.8	Peak	Vertical
	11123.5	31.9	15.7	47.6	74.0	-26.4	Peak	Vertical
*	14045.8	30.5	18.8	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7475.3	32.1	10.5	42.6	74.0	-31.4	Peak	Horizontal
*	9996.4	33.8	12.7	46.5	68.2	-21.7	Peak	Horizontal
	11891.9	31.8	16.3	48.1	74.0	-25.9	Peak	Horizontal
*	17088.8	31.6	20.8	52.4	68.2	-15.8	Peak	Horizontal
	8245.4	32.3	10.0	42.3	74.0	-31.7	Peak	Vertical
*	10095.0	32.3	12.9	45.2	68.2	-23.0	Peak	Vertical
	11545.1	31.7	16.6	48.3	74.0	-25.7	Peak	Vertical
*	17155.1	31.8	21.5	53.3	68.2	-14.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7412.4	32.6	10.5	43.1	74.0	-30.9	Peak	Horizontal
*	10278.6	31.8	13.9	45.7	68.2	-22.5	Peak	Horizontal
	11733.8	31.5	16.7	48.2	74.0	-25.8	Peak	Horizontal
*	16971.5	32.6	20.3	52.9	68.2	-15.3	Peak	Horizontal
	7368.2	33.5	10.3	43.8	74.0	-30.2	Peak	Vertical
*	10331.3	31.7	14.1	45.8	68.2	-22.4	Peak	Vertical
	11574.0	31.8	16.5	48.3	74.0	-25.7	Peak	Vertical
*	17034.4	33.0	20.6	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7473.6	32.0	10.5	42.5	74.0	-31.5	Peak	Horizontal
*	10339.8	32.5	14.1	46.6	68.2	-21.6	Peak	Horizontal
	11252.7	30.9	16.4	47.3	74.0	-26.7	Peak	Horizontal
*	16810.0	34.0	19.2	53.2	68.2	-15.0	Peak	Horizontal
	8286.2	32.5	10.0	42.5	74.0	-31.5	Peak	Vertical
*	9739.7	32.6	12.6	45.2	68.2	-23.0	Peak	Vertical
	11472.0	31.4	16.6	48.0	74.0	-26.0	Peak	Vertical
*	17075.2	33.3	21.0	54.3	68.2	-13.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

5G_HB (B8394) Filter

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	8214.8	29.4	10.3	39.7	74.0	-34.3	Peak	Horizontal
*	10096.7	31.4	12.9	44.3	68.2	-23.9	Peak	Horizontal
	11506.0	30.0	16.3	46.3	74.0	-27.7	Peak	Horizontal
*	16930.7	30.7	20.2	50.9	68.2	-17.3	Peak	Horizontal
	8214.8	30.8	10.3	41.1	74.0	-32.9	Peak	Vertical
	11742.3	28.5	16.5	45.0	74.0	-29.0	Peak	Vertical
*	13937.0	29.2	18.6	47.8	68.2	-20.4	Peak	Vertical
*	16638.3	32.0	18.5	50.5	68.2	-17.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7556.9	32.4	10.5	42.9	74.0	-31.1	Peak	Horizontal
*	10016.8	33.2	12.8	46.0	68.2	-22.2	Peak	Horizontal
	11699.8	31.4	16.5	47.9	74.0	-26.1	Peak	Horizontal
*	16923.9	34.0	20.3	54.3	68.2	-13.9	Peak	Horizontal
	8291.3	32.1	9.9	42.0	74.0	-32.0	Peak	Vertical
*	9857.0	32.8	12.7	45.5	68.2	-22.7	Peak	Vertical
	11808.6	30.5	16.7	47.2	74.0	-26.8	Peak	Vertical
*	16906.9	32.4	20.2	52.6	68.2	-15.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2024-10-30	Test Mode	802.11be-EHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	7524.6	32.4	10.7	43.1	74.0	-30.9	Peak	Horizontal
*	10249.7	33.0	13.5	46.5	68.2	-21.7	Peak	Horizontal
	11565.5	31.0	16.6	47.6	74.0	-26.4	Peak	Horizontal
*	16869.5	33.3	19.9	53.2	68.2	-15.0	Peak	Horizontal
	7555.2	32.3	10.5	42.8	74.0	-31.2	Peak	Vertical
*	9962.4	32.6	12.8	45.4	68.2	-22.8	Peak	Vertical
	11574.0	31.0	16.5	47.5	74.0	-26.5	Peak	Vertical
*	16985.1	32.8	20.5	53.3	68.2	-14.9	Peak	Vertical

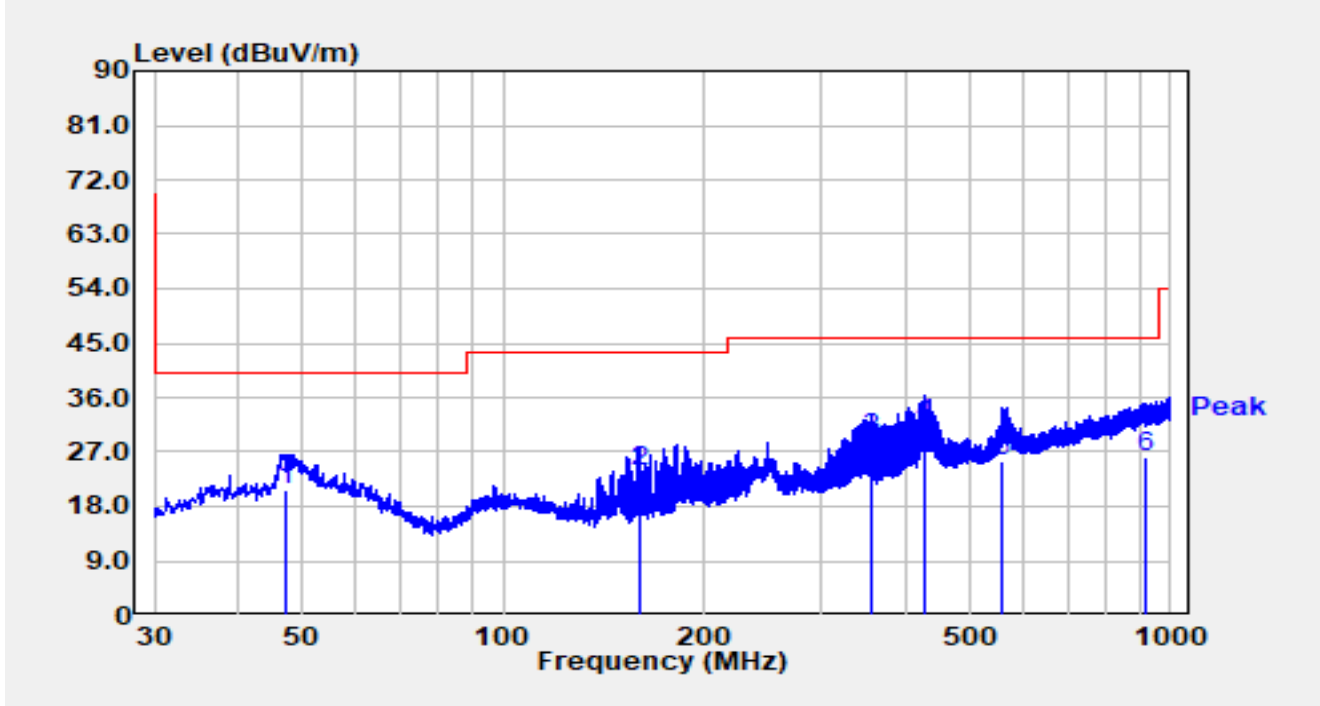
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Result of Radiated Emission for 30MHz ~ 1GHz:

Site	WZ-AC2	Test Date	2024-11-01
Temperature	26.7°C	Humidity	39.4%
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Dick Shen
Factor	VULB 9162_30-7000MHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

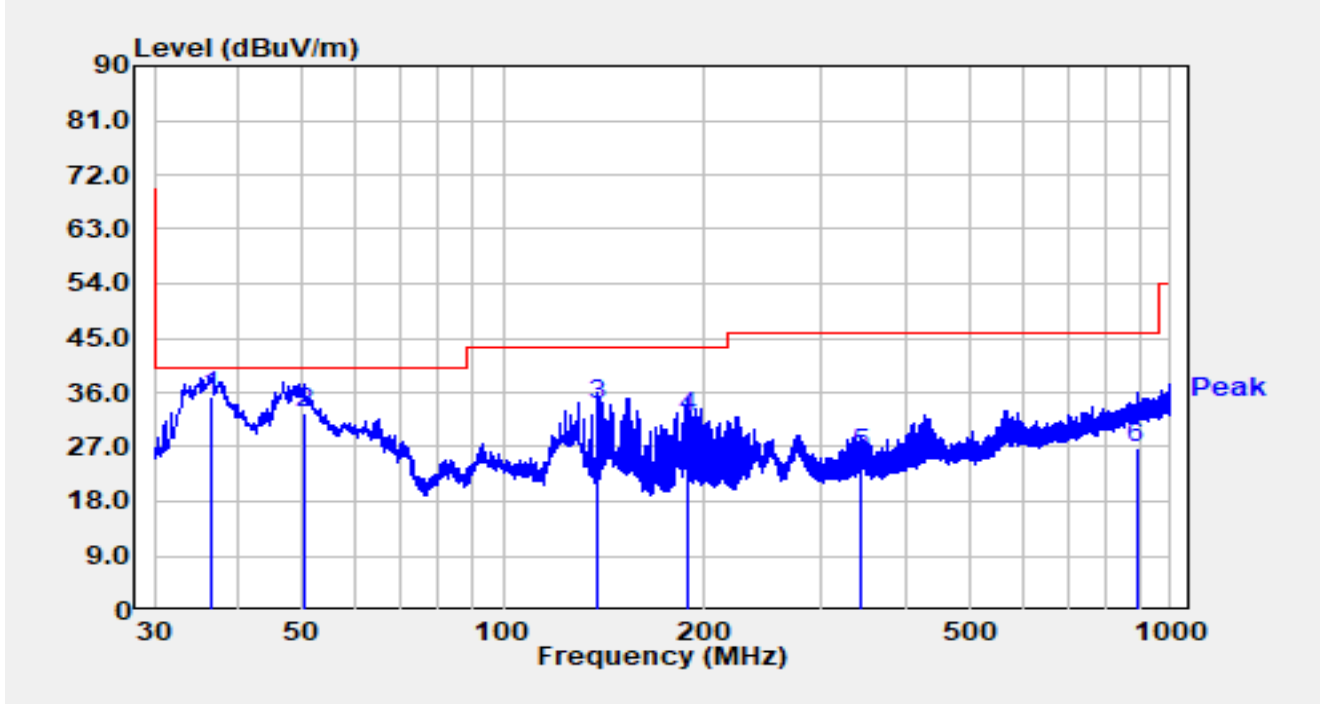


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		47.072	0.19	20.41	20.60	-19.40	40.00	QP
2		160.465	7.97	15.76	23.72	-19.78	43.50	QP
3		355.435	6.72	22.36	29.08	-16.92	46.00	QP
4	*	426.633	7.72	23.69	31.42	-14.58	46.00	QP
5		560.881	-0.89	26.23	25.34	-20.66	46.00	QP
6		919.490	-5.64	31.64	25.99	-20.01	46.00	QP

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-11-01
Temperature	26.7°C	Humidity	39.4%
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Dick Shen
Factor	VULB 9162_30-7000MHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		



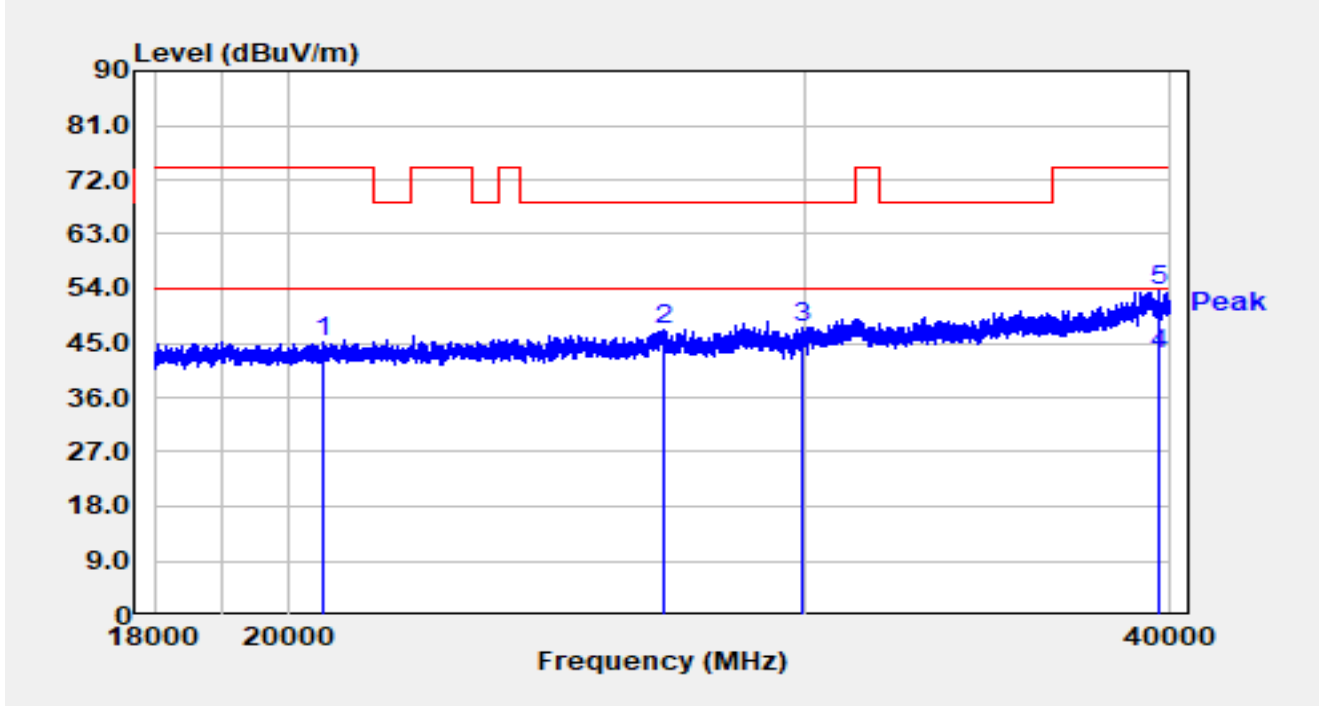
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	36.499	17.41	18.08	35.49	-4.51	40.00	QP
2		50.467	12.02	20.48	32.50	-7.50	40.00	QP
3		138.155	18.77	15.27	34.04	-9.46	43.50	QP
4		188.983	14.13	17.87	32.00	-11.50	43.50	QP
5		343.310	3.38	22.58	25.96	-20.04	46.00	QP
6		888.741	-4.35	31.26	26.91	-19.09	46.00	QP

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

The Result of Radiated Emission for 18~40 GHz:

Site	WZ-AC2	Test Date	2024-11-10
Temperature	26.7°C	Humidity	39.4%
Limit	FCC_Part 15.209_RSE(3m)_PK	Test Engineer	Dick Shen
Factor	BBHA 9170_549_18-40GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

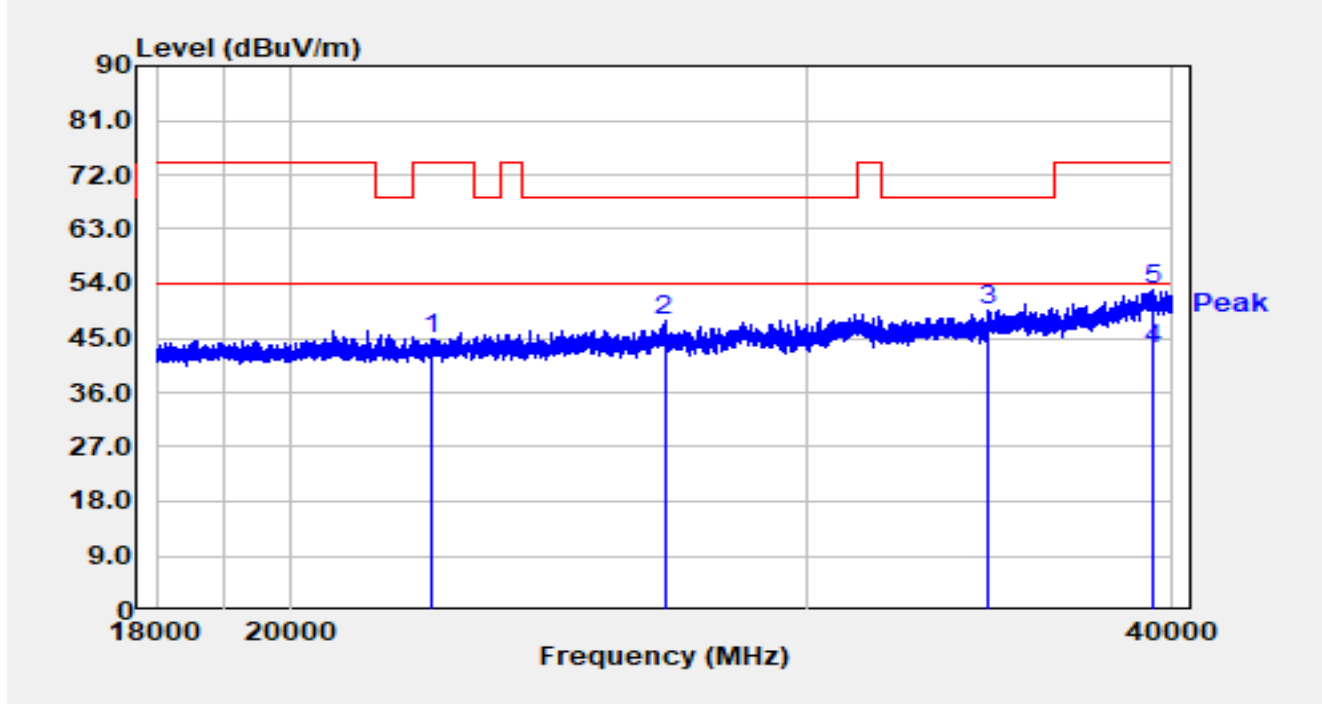


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20558.600	53.64	-8.61	45.03	-28.97	74.00	Peak
2		26877.000	53.73	-6.36	47.37	-20.83	68.20	Peak
3	*	29963.600	53.38	-6.00	47.38	-20.82	68.20	Peak
4	*	39643.600	43.67	-0.63	43.04	-10.96	54.00	Average
5		39643.600	54.23	-0.63	53.60	-20.40	74.00	Peak

Notes:

- "*", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)-AMP (dB).
- Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-11-10
Temperature	26.7°C	Humidity	39.4%
Limit	FCC_Part 15.209_RSE(3m)	Test Engineer	Dick Shen
Factor	BBHA 9170_549_18-40GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		22345.000	52.57	-7.64	44.93	-29.07	74.00	Peak
2		26835.200	53.43	-5.64	47.80	-20.40	68.20	Peak
3	*	34625.400	55.06	-5.43	49.63	-18.57	68.20	Peak
4	*	39414.800	43.58	-0.32	43.26	-10.74	54.00	Average
5		39414.800	53.24	-0.32	52.92	-21.08	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)-AMP (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (dB/m).

A.8 Radiated Restricted Band Edge Test Result

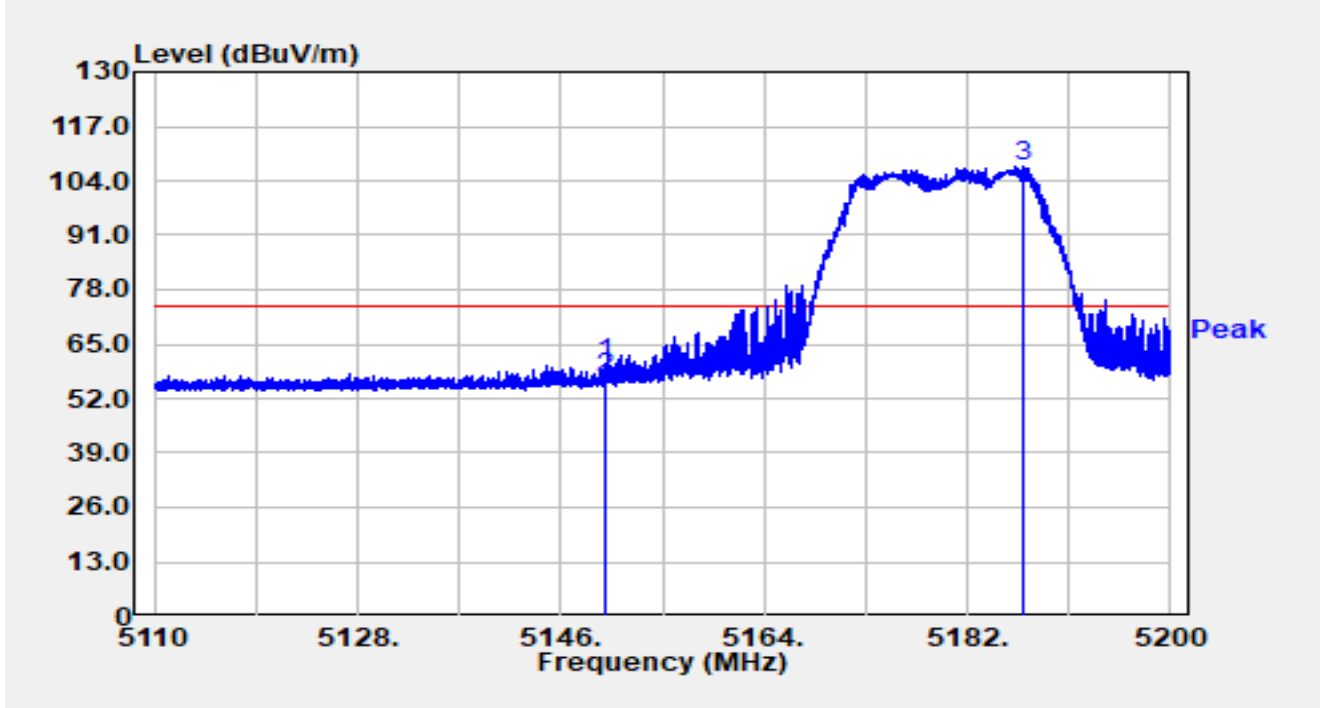
Refer to MRT report No. 2311RSU031-U4 clause A.8

Spot Check:

Radio 1:

5G_PFB (M5232) Filter

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

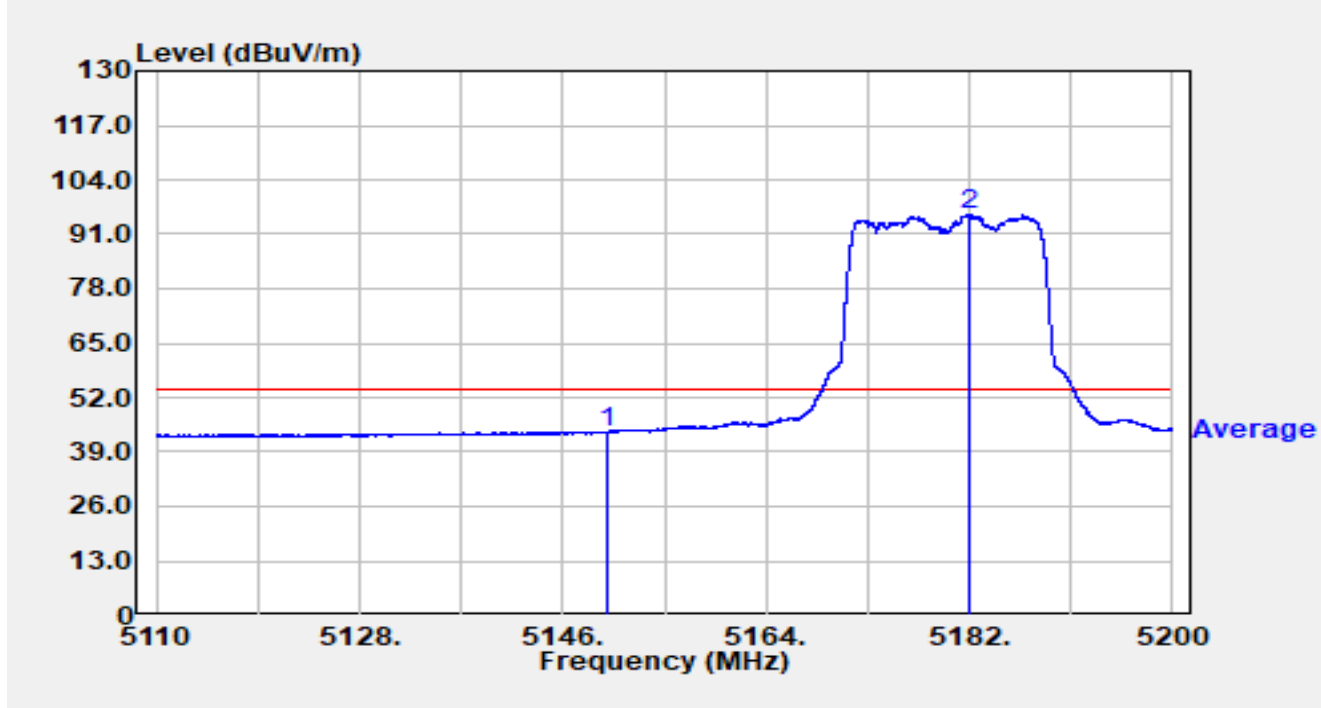


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5149.861	40.48	19.78	60.27	-13.73	74.00	Peak
2		5150.000	37.17	19.78	56.95	-17.05	74.00	Peak
3	*	5186.860	87.99	19.52	107.51	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

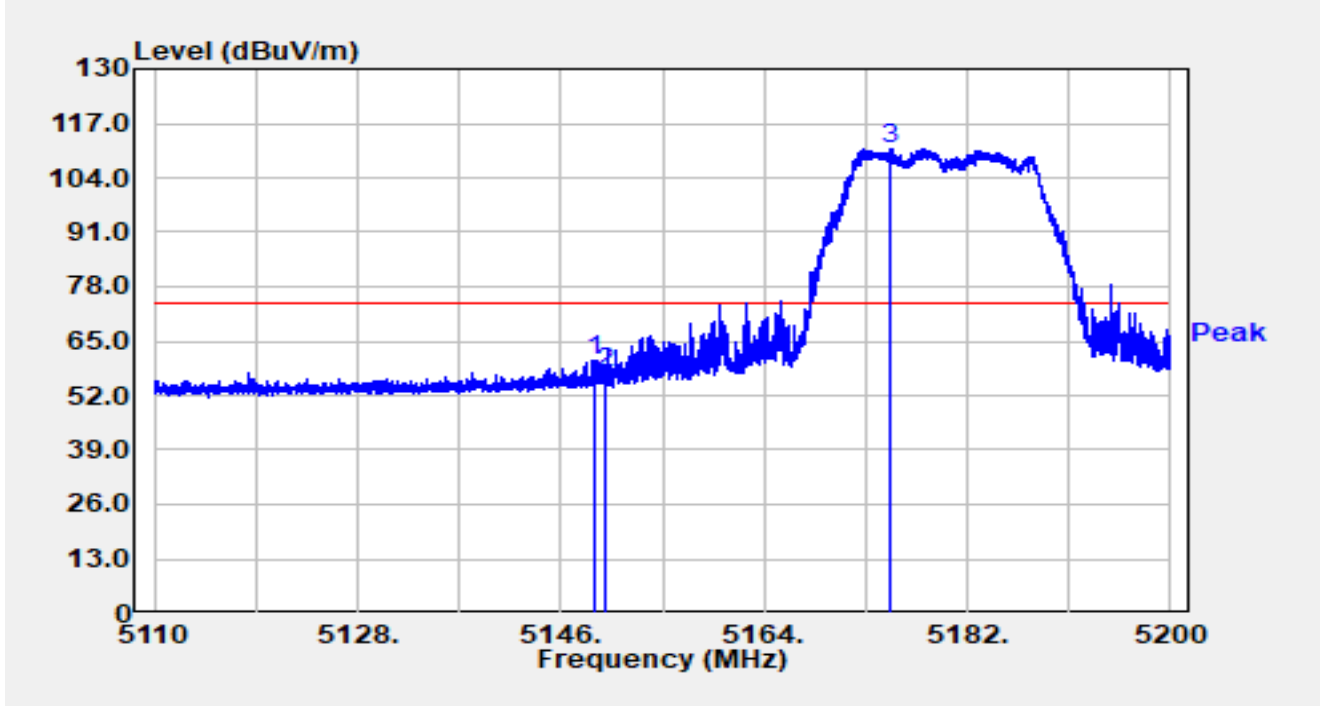


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5150.000	24.04	19.78	43.83	-10.17	54.00	Average
2	*	5181.919	76.07	19.62	95.68	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

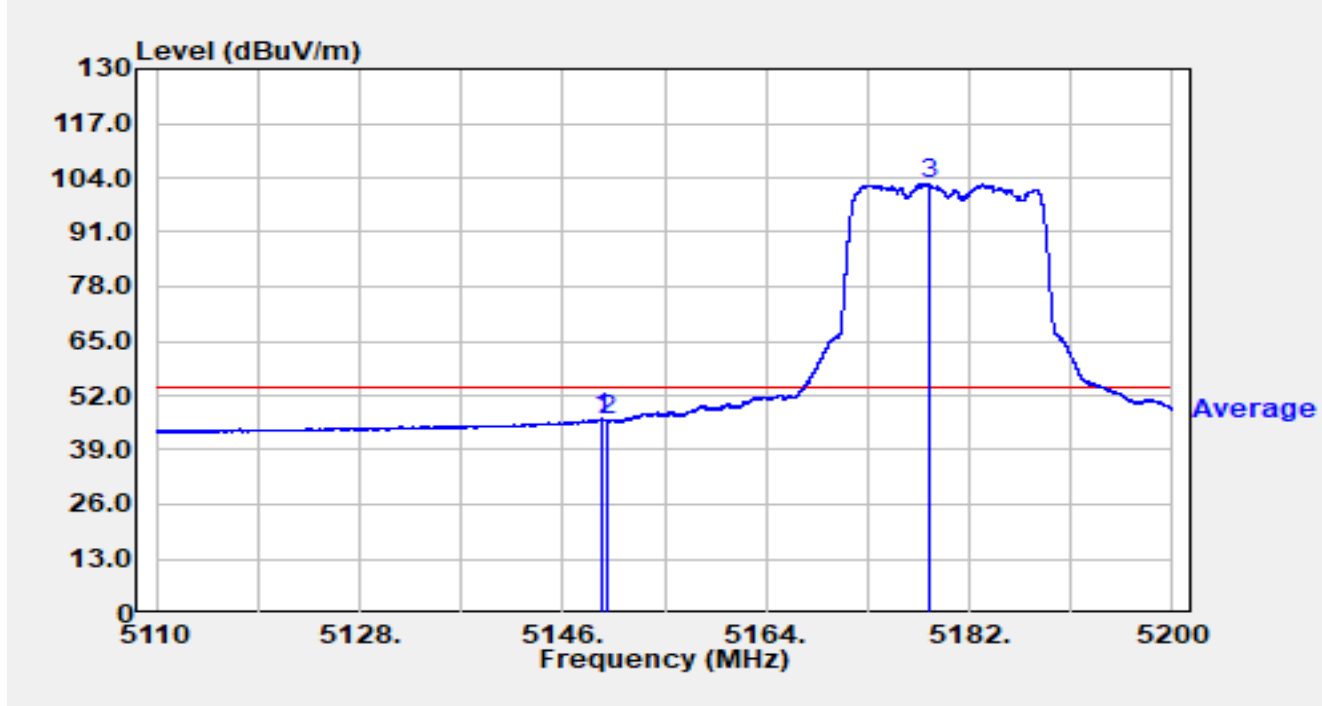


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5149.105	40.63	19.78	60.40	-13.60	74.00	Peak
2		5150.000	37.66	19.78	57.44	-16.56	74.00	Peak
3	*	5175.070	91.18	19.73	110.91	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5180MHz		

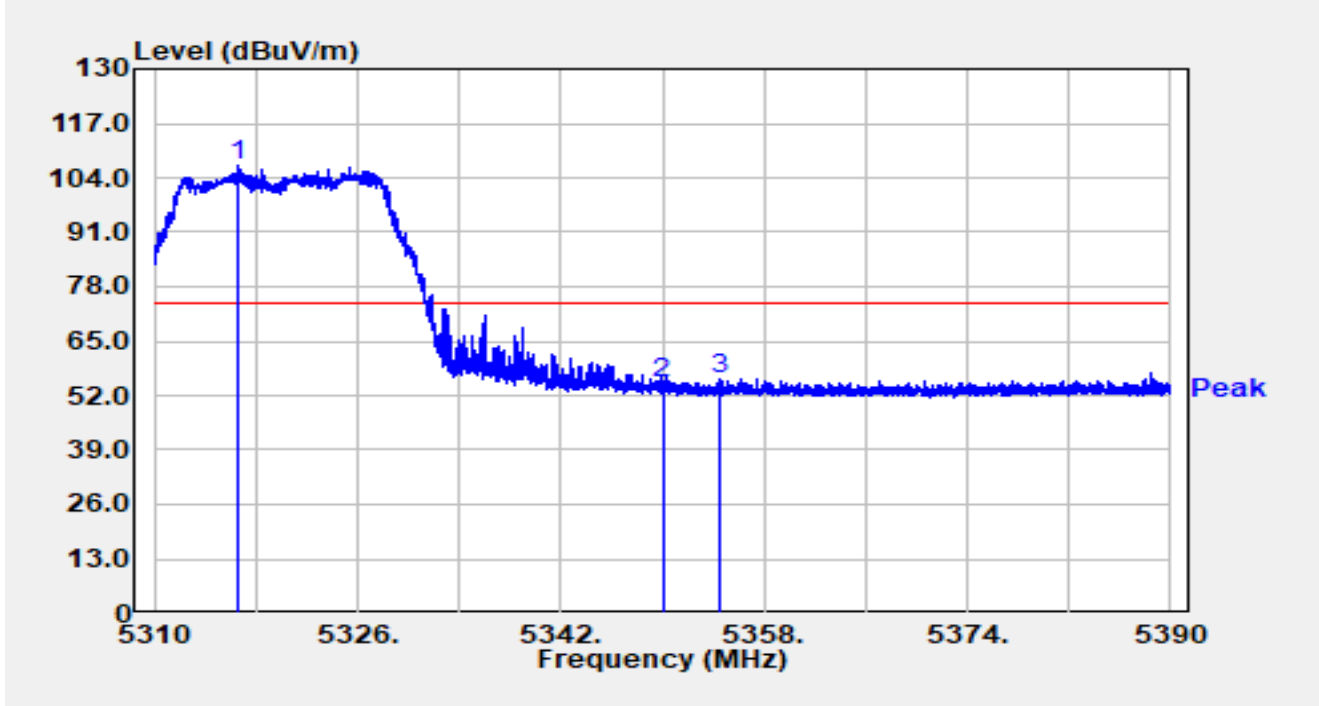


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5149.393	26.63	19.78	46.41	-7.59	54.00	Average
2		5150.000	26.28	19.78	46.06	-7.94	54.00	Average
3	*	5178.490	82.85	19.67	102.52	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5320MHz		

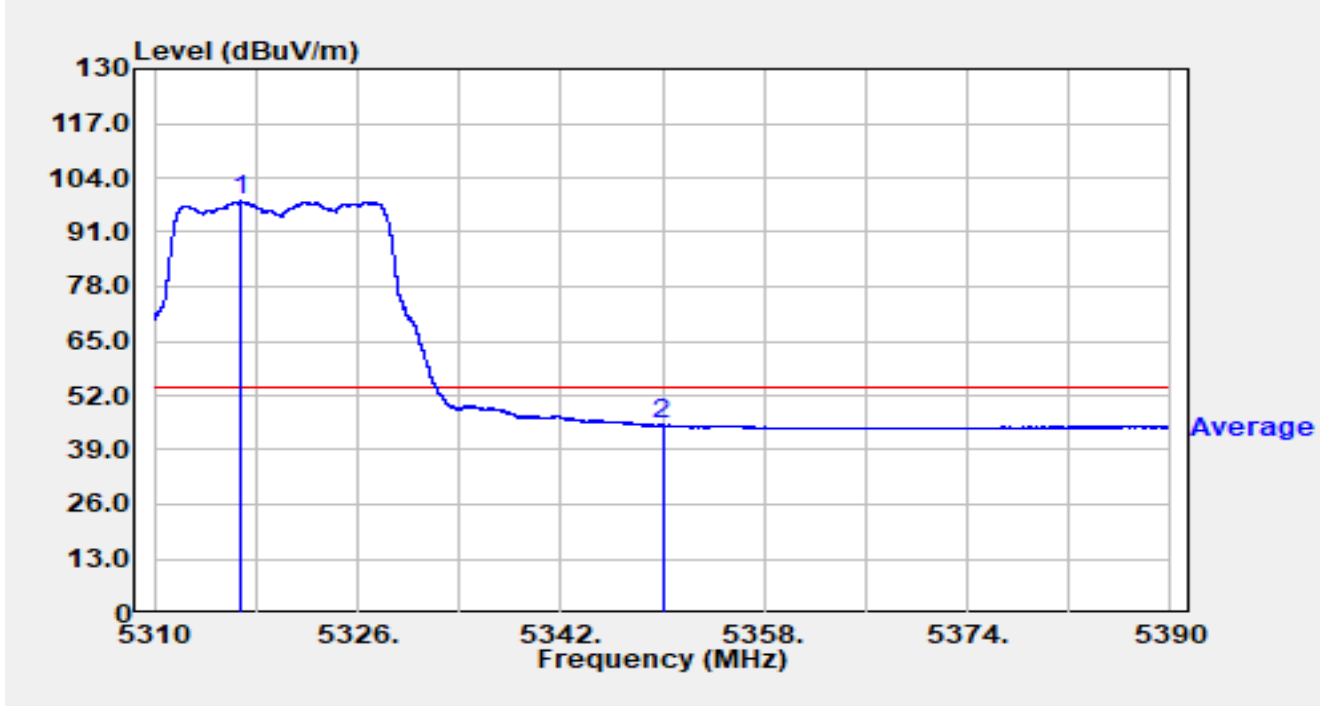


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5316.504	87.11	19.72	106.83	N/A	N/A	Peak
2		5350.000	35.60	19.40	55.00	-19.00	74.00	Peak
3		5354.488	36.69	19.35	56.04	-17.96	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5320MHz		

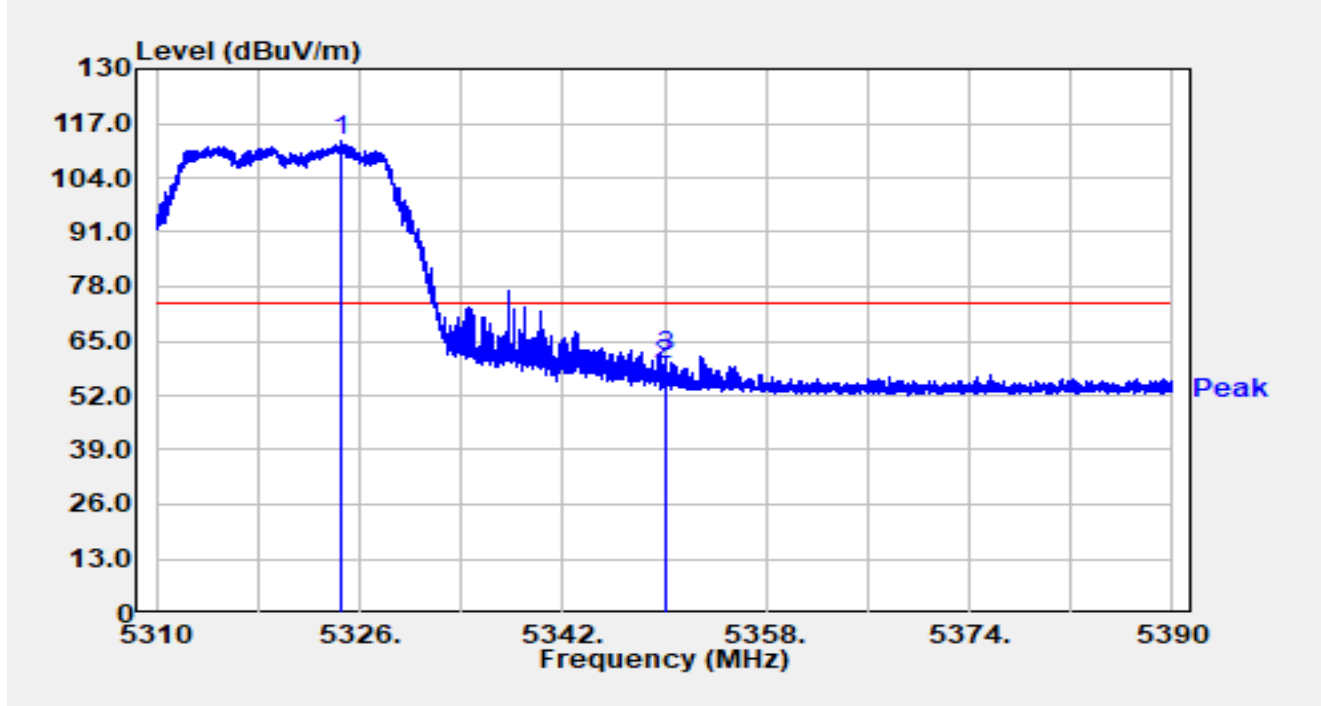


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5316.768	78.73	19.73	98.46	N/A	N/A	Average
2		5350.000	25.65	19.40	45.05	-8.95	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5320MHz		

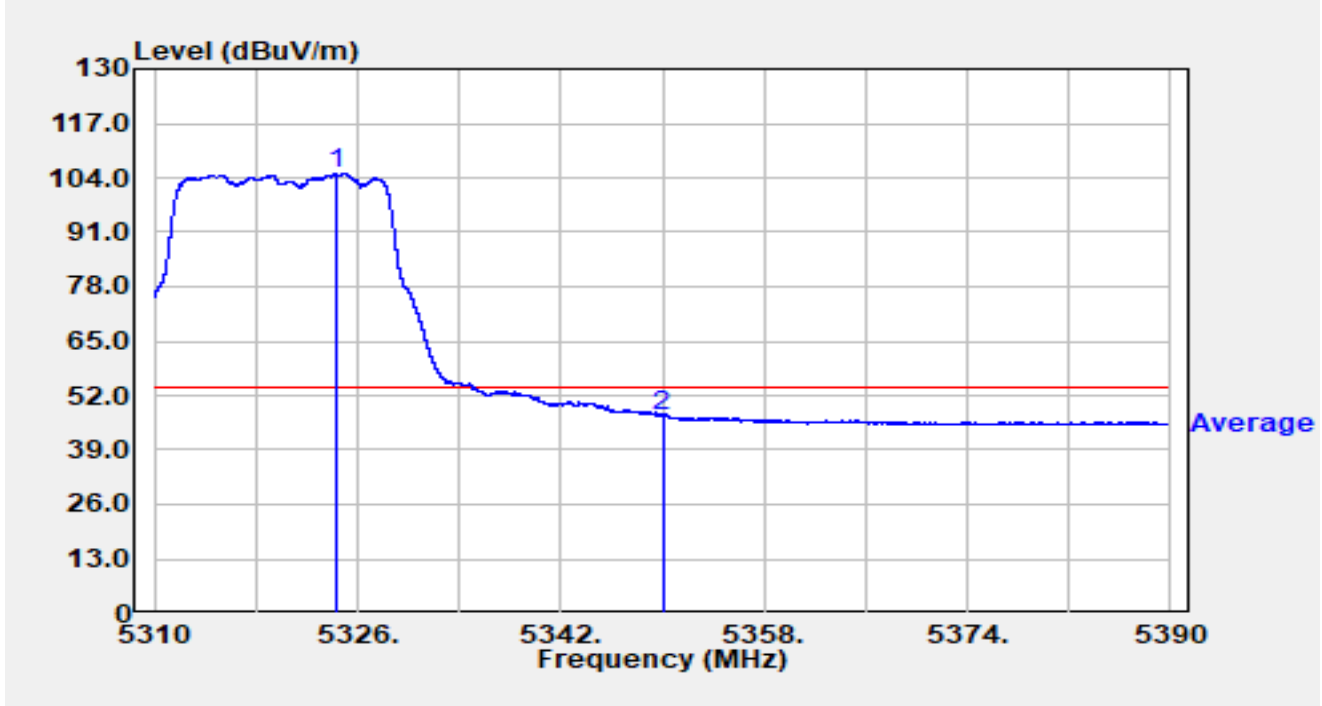


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5324.552	92.91	19.80	112.71	N/A	N/A	Peak
2		5350.000	40.03	19.40	59.43	-14.57	74.00	Peak
3		5350.168	42.11	19.40	61.51	-12.49	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5320MHz		

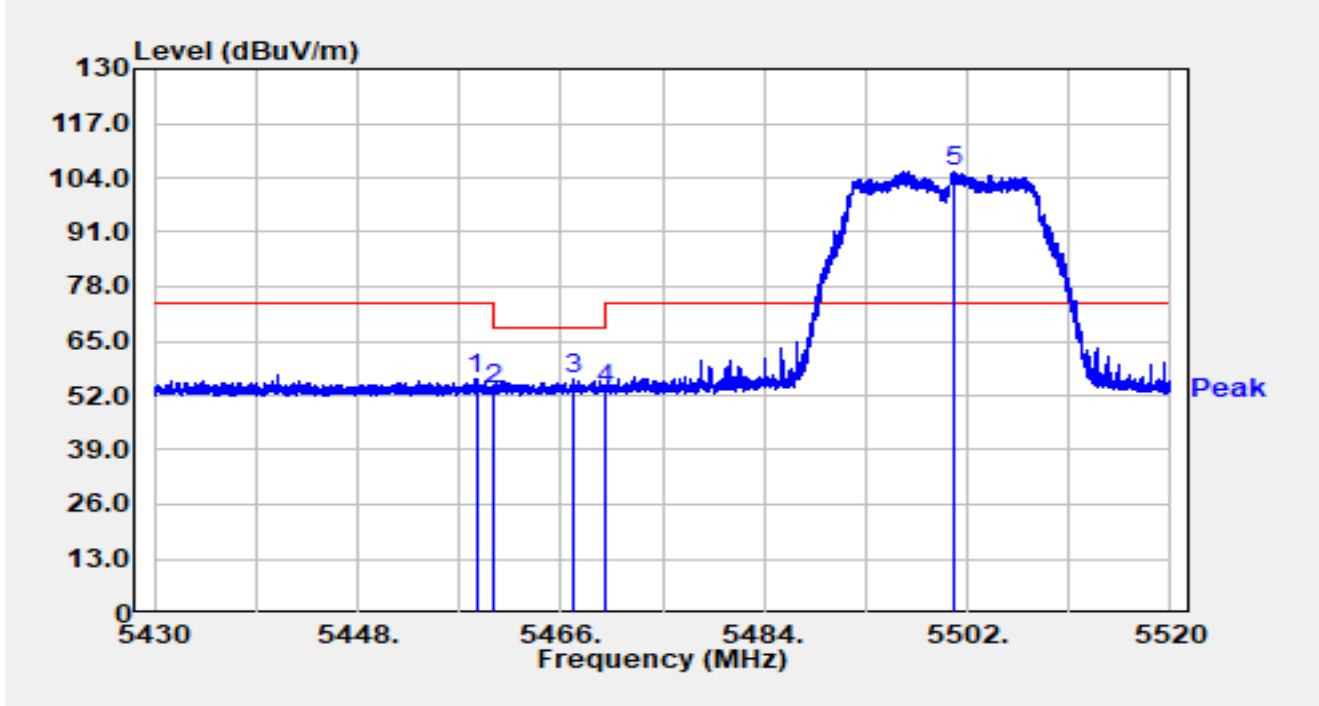


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5324.408	85.22	19.80	105.02	N/A	N/A	Average
2		5350.000	27.82	19.40	47.22	-6.78	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5500MHz		

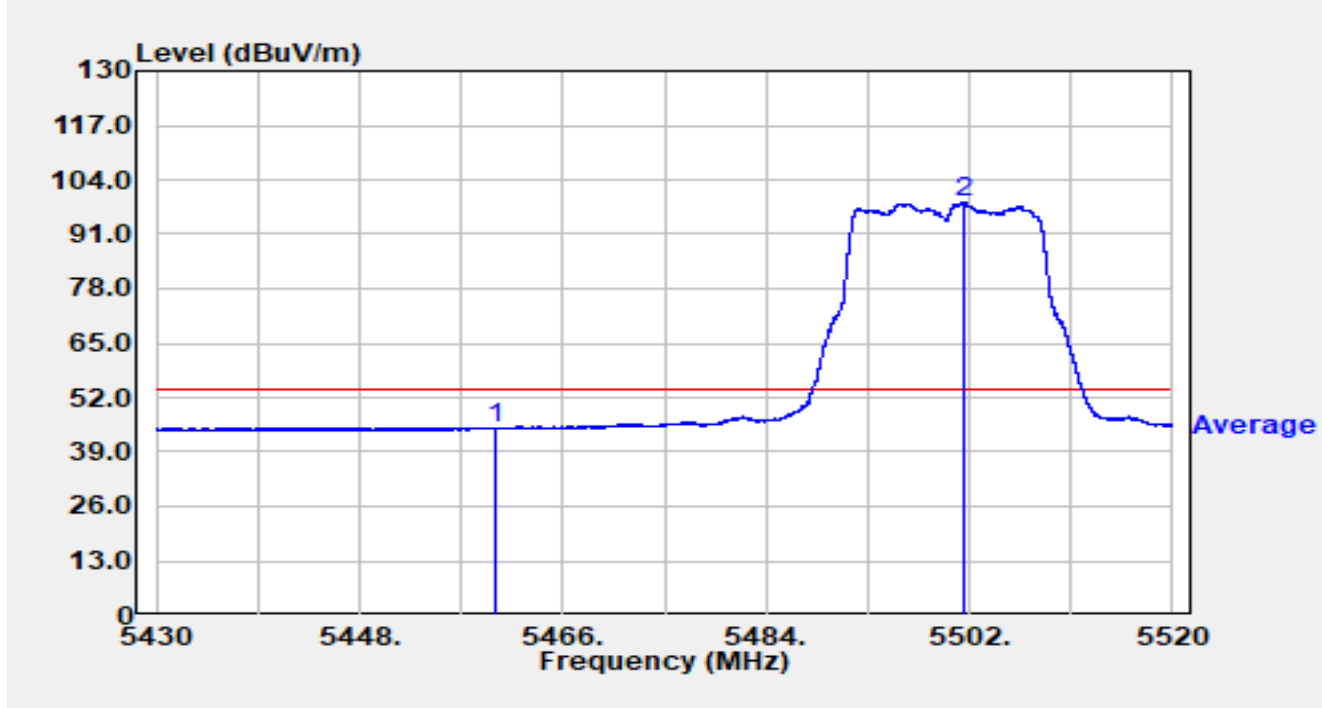


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5458.503	36.29	19.72	56.01	-17.99	74.00	Peak
2		5460.000	33.80	19.74	53.54	-14.66	68.20	Peak
3		5467.053	35.91	19.87	55.78	-12.42	68.20	Peak
4		5470.000	33.35	19.92	53.27	-14.93	68.20	Peak
5	*	5500.713	85.84	19.72	105.56	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5500MHz		

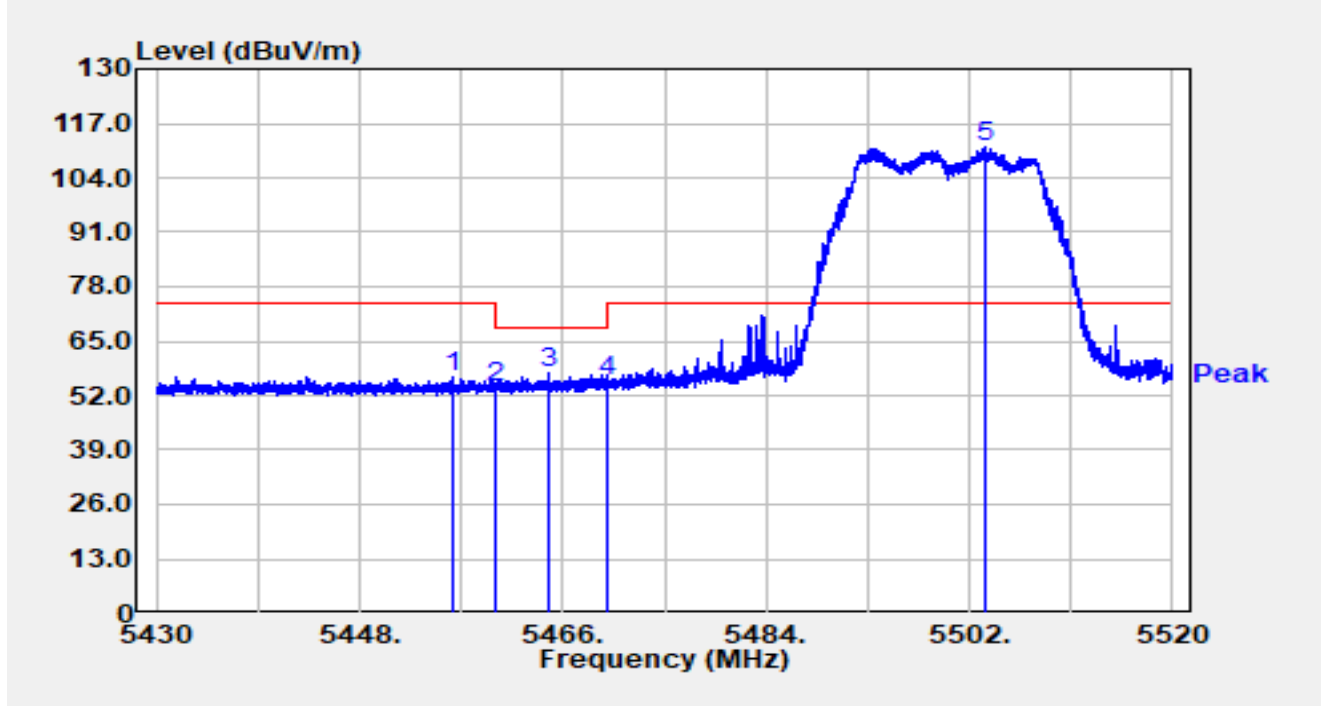


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	24.80	19.74	44.54	-9.46	54.00	Average
2	*	5501.478	78.86	19.71	98.57	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5500MHz		

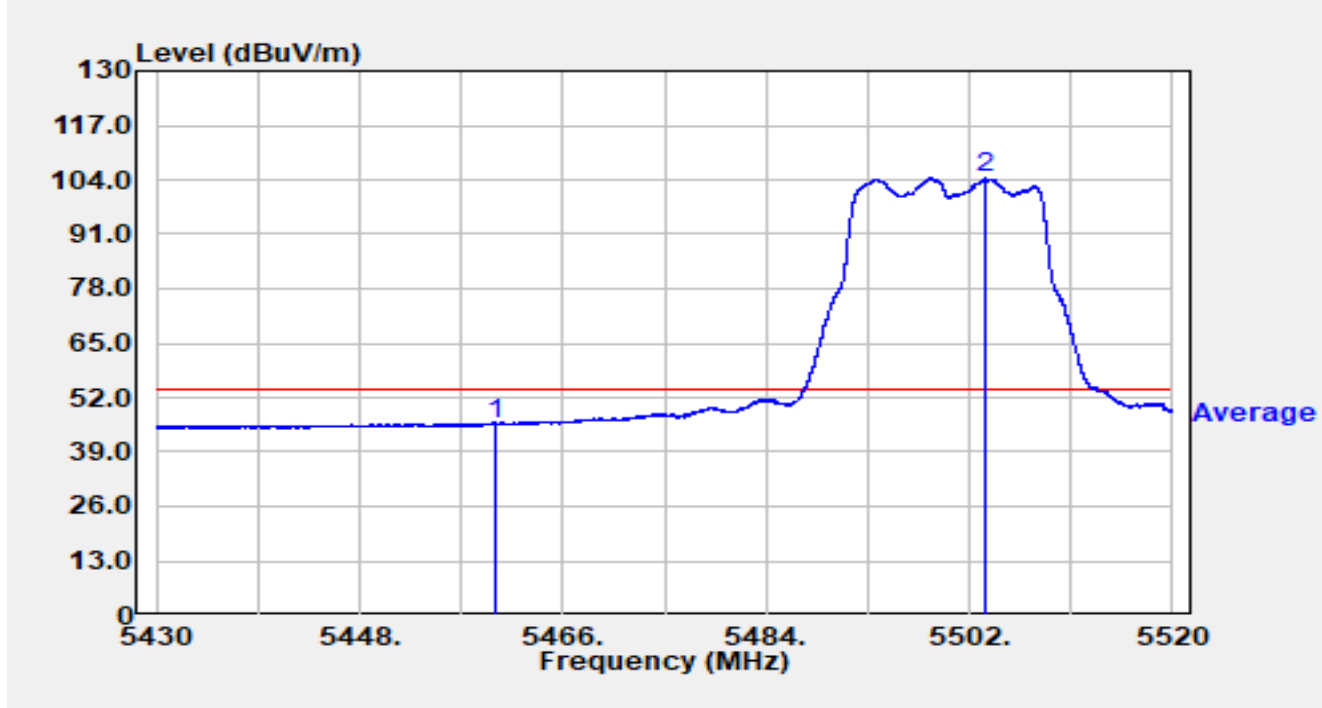


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5456.163	36.61	19.67	56.28	-17.72	74.00	Peak
2		5460.000	34.12	19.74	53.87	-14.33	68.20	Peak
3		5464.776	37.58	19.83	57.41	-10.79	68.20	Peak
4		5470.000	35.51	19.92	55.44	-12.76	68.20	Peak
5	*	5503.431	91.48	19.68	111.17	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5500MHz		

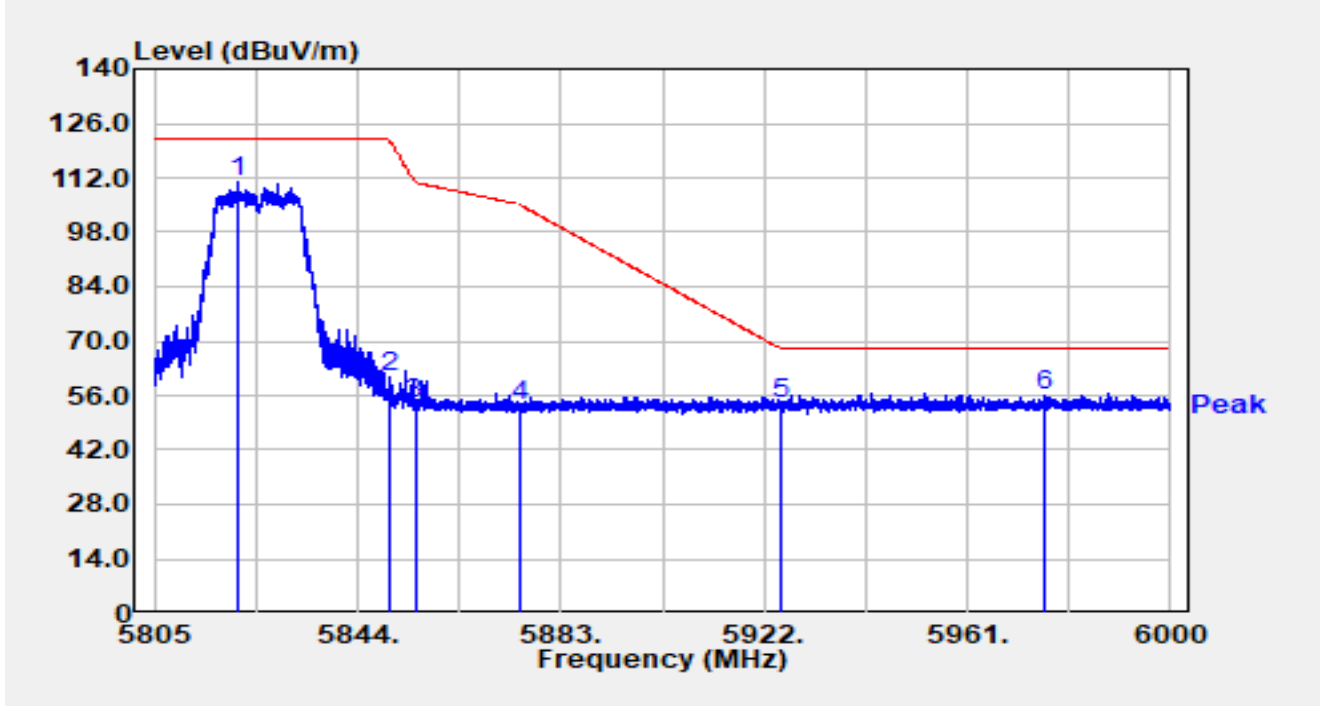


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	26.04	19.74	45.78	-8.22	54.00	Average
2	*	5503.440	84.71	19.68	104.39	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-29
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		

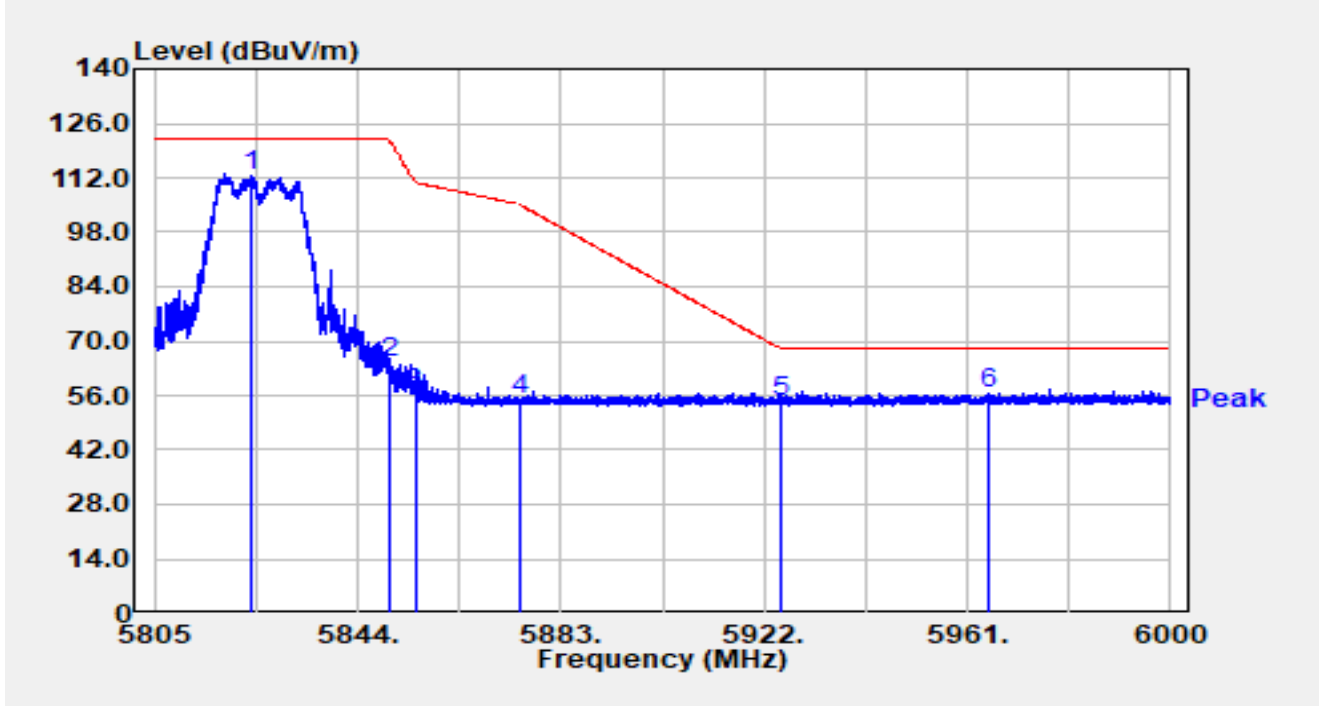


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5821.029	89.67	21.40	111.07	N/A	N/A	Peak
2		5850.006	39.42	21.49	60.90	-61.28	122.19	Peak
3		5855.000	32.22	21.54	53.76	-57.04	110.80	Peak
4		5875.000	31.97	21.60	53.57	-51.63	105.20	Peak
5		5925.000	32.06	21.59	53.66	-14.54	68.20	Peak
6	*	5975.898	34.26	21.65	55.91	-12.29	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-29
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		

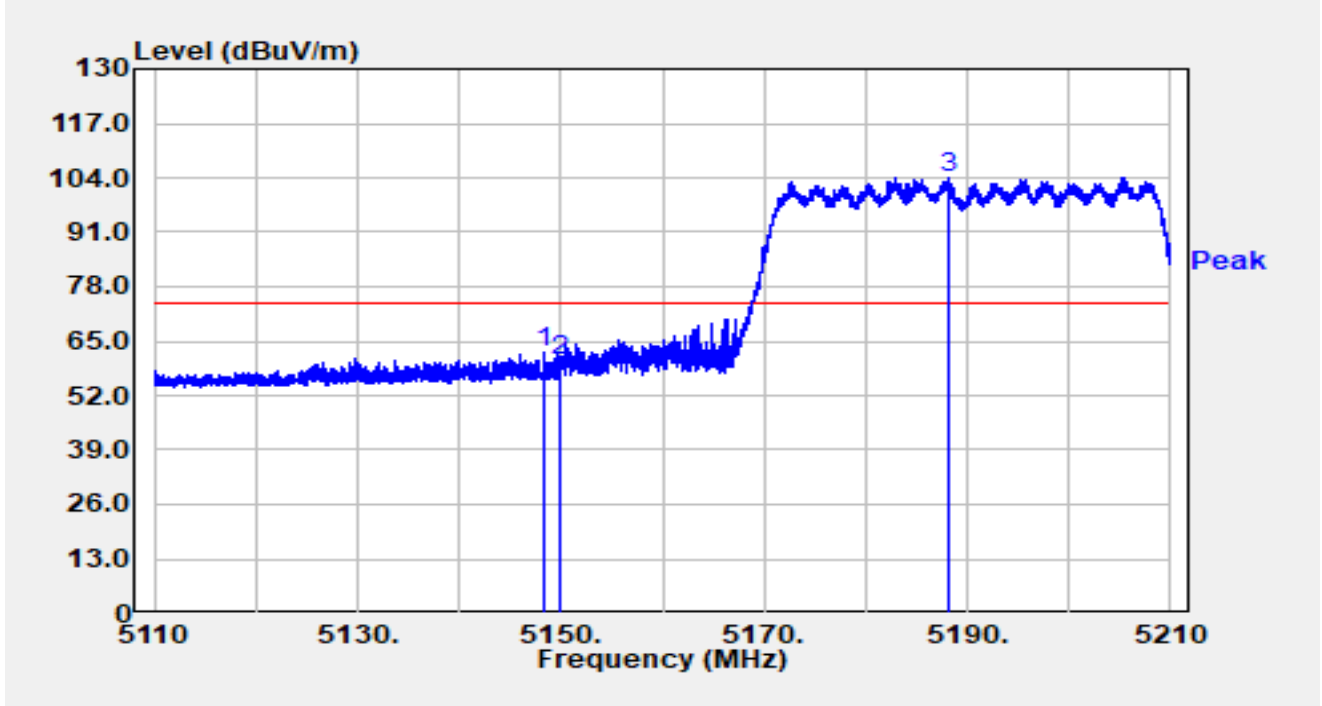


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5823.623	91.07	21.38	112.45	N/A	N/A	Peak
2		5850.000	43.03	21.49	64.52	-57.68	122.20	Peak
3		5855.000	35.08	21.54	56.62	-54.18	110.80	Peak
4		5875.000	33.40	21.60	55.00	-50.20	105.20	Peak
5		5925.000	32.86	21.59	54.46	-13.74	68.20	Peak
6	*	5965.114	35.03	21.64	56.68	-11.52	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5190MHz		

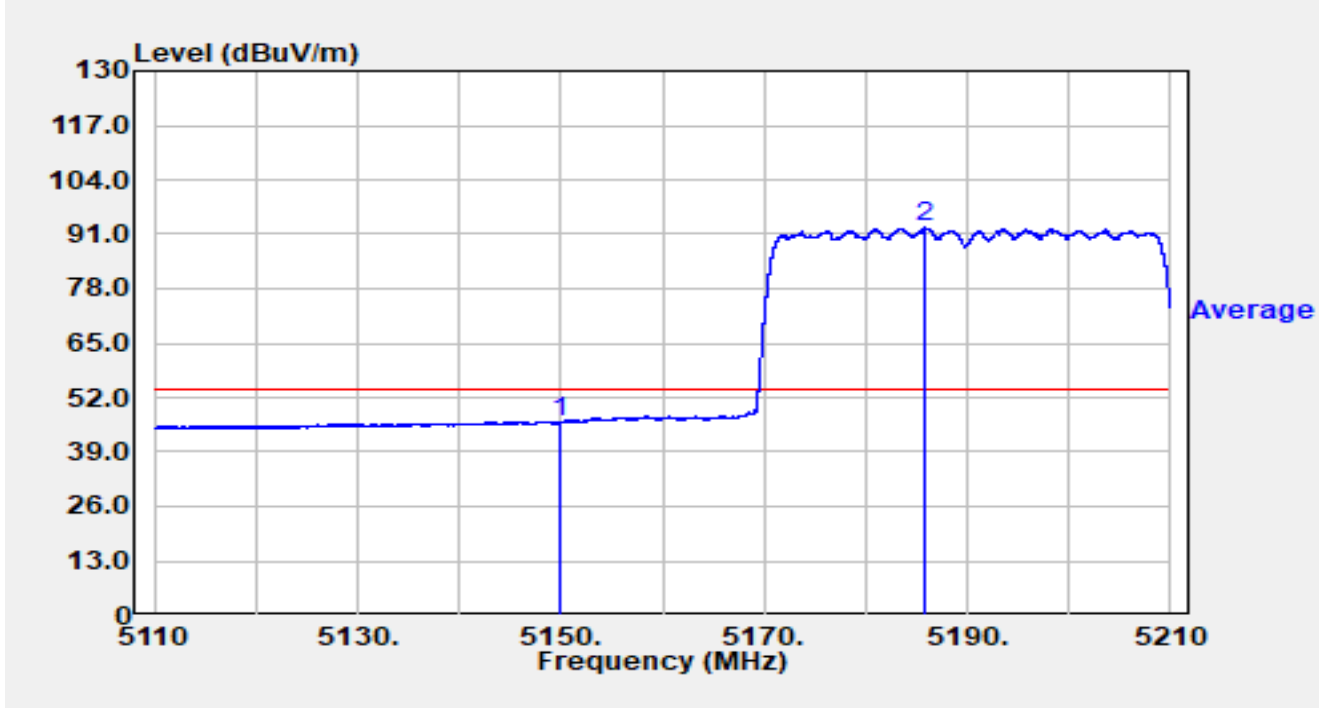


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5148.350	42.54	19.77	62.31	-11.69	74.00	Peak
2		5150.000	40.38	19.78	60.16	-13.84	74.00	Peak
3	*	5188.140	84.52	19.50	104.02	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5190MHz		

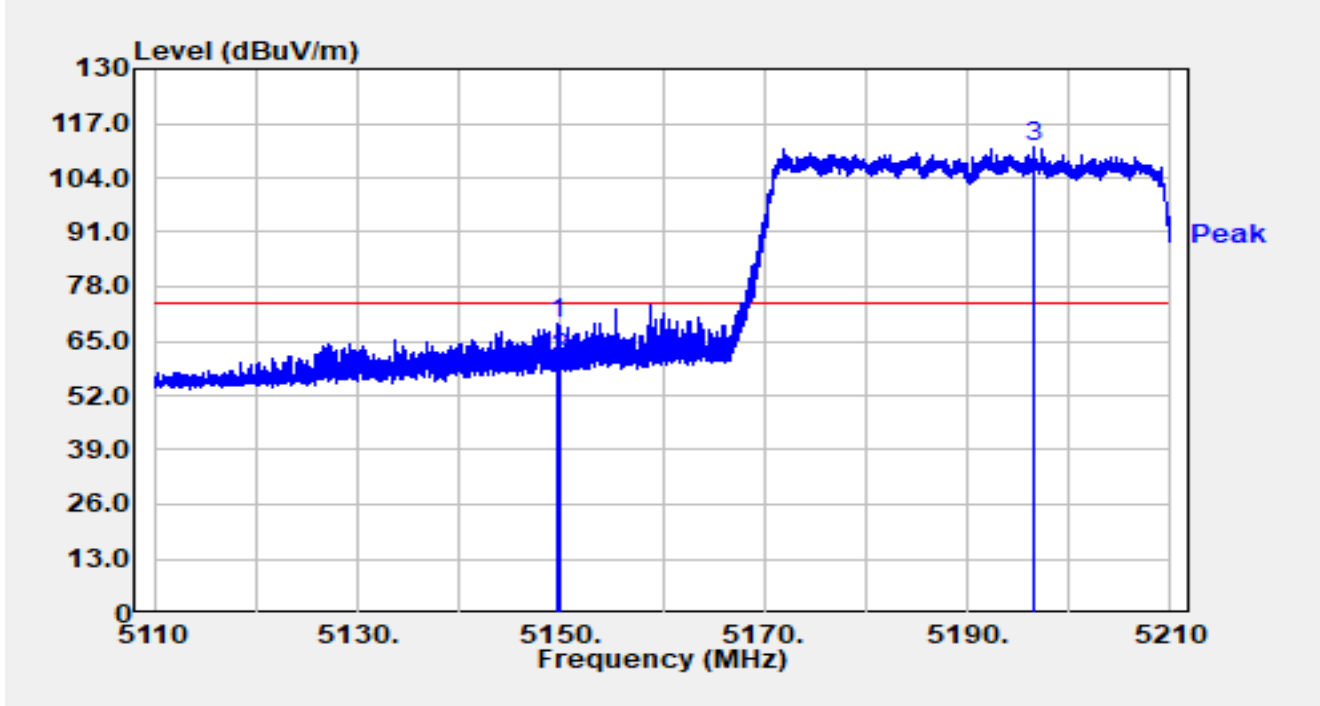


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5150.000	26.45	19.78	46.24	-7.76	54.00	Average
2	*	5185.720	73.03	19.54	92.58	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5190MHz		

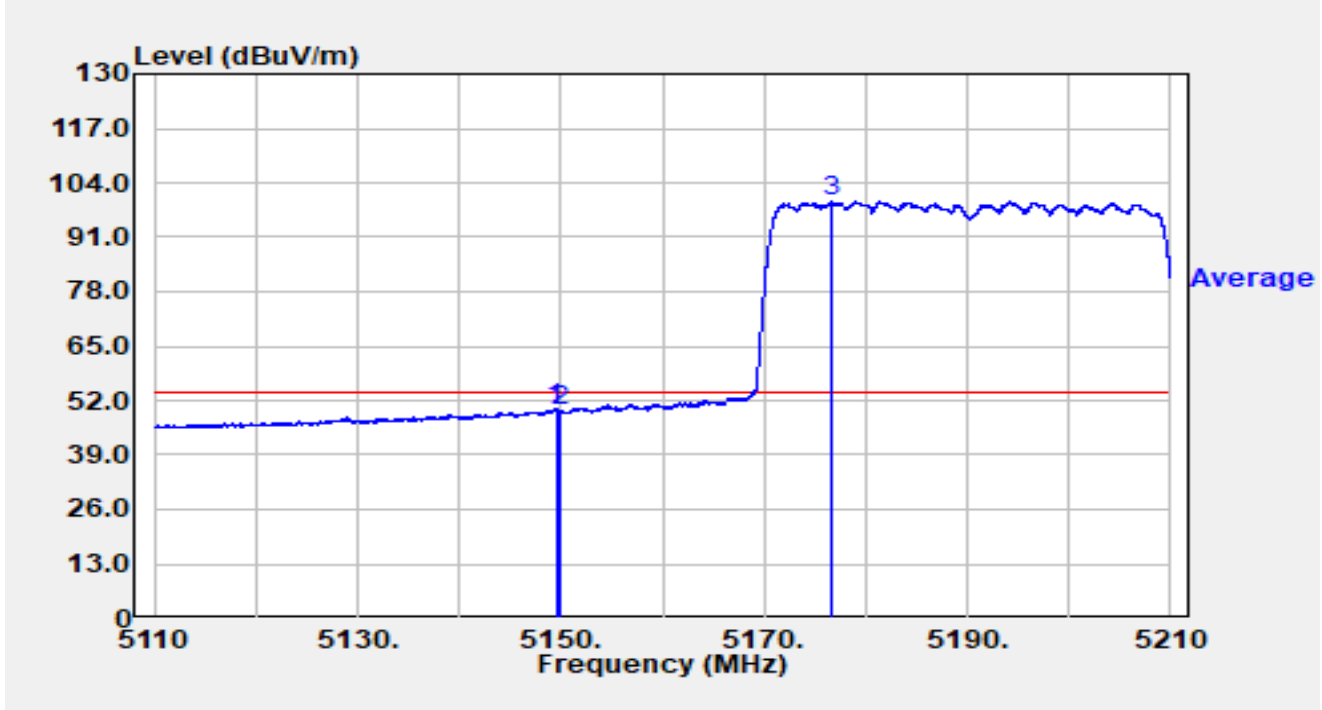


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5149.680	49.34	19.78	69.12	-4.88	74.00	Peak
2		5150.000	41.02	19.78	60.80	-13.20	74.00	Peak
3	*	5196.570	91.95	19.31	111.27	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5190MHz		

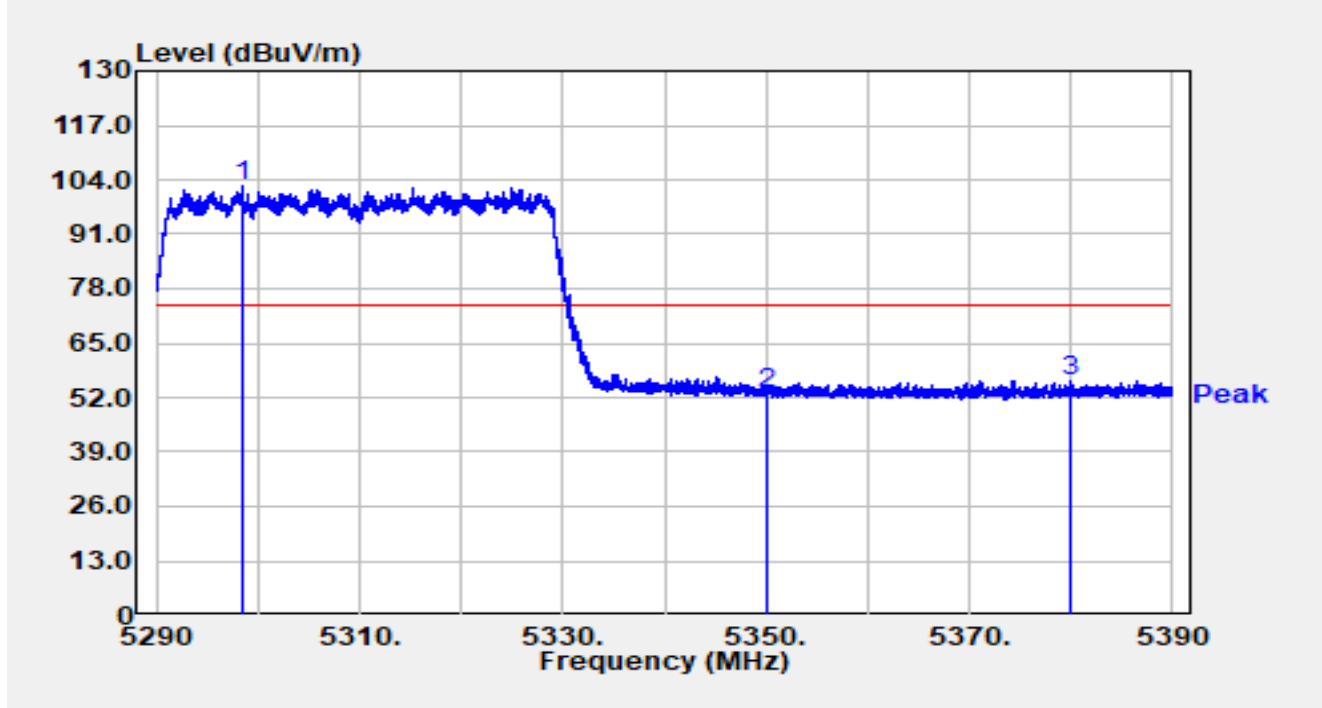


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5149.530	30.27	19.78	50.05	-3.95	54.00	Average
2		5150.000	29.64	19.78	49.42	-4.58	54.00	Average
3	*	5176.670	79.87	19.70	99.57	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5310MHz		

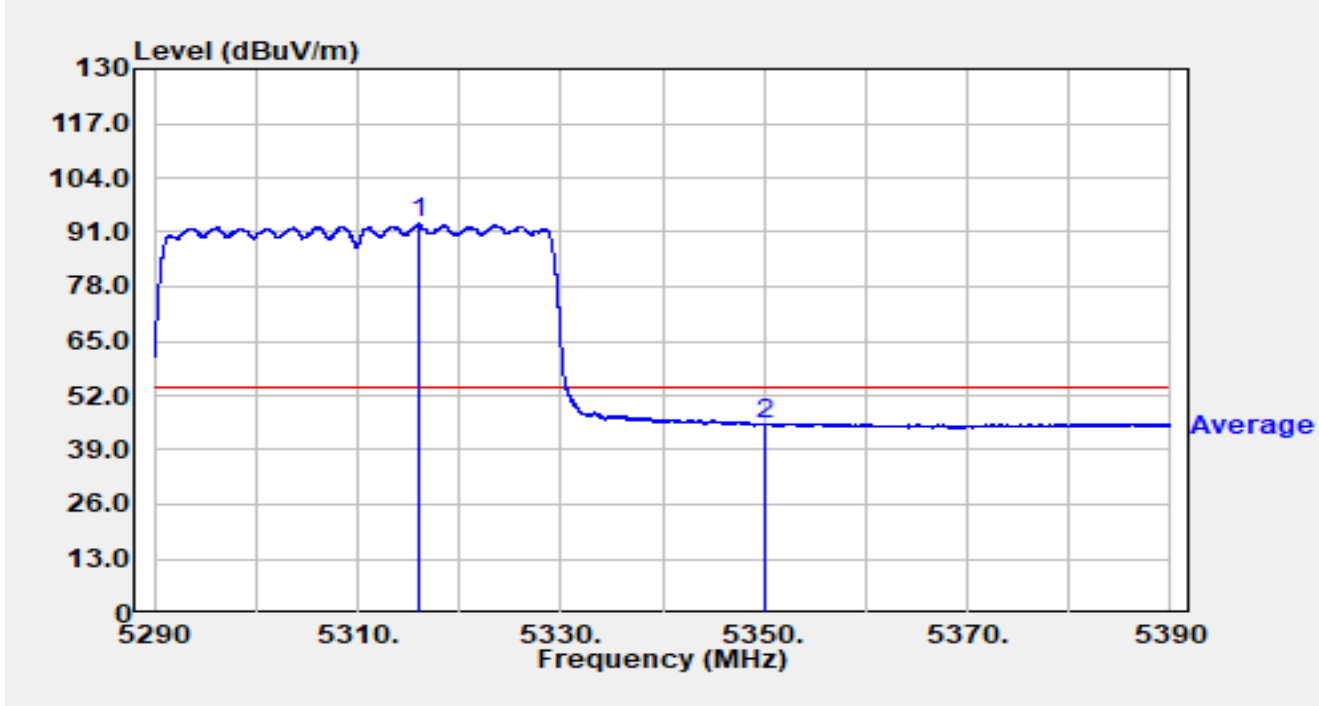


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5298.400	83.06	19.35	102.41	N/A	N/A	Peak
2		5350.000	33.55	19.40	52.95	-21.05	74.00	Peak
3		5379.990	36.39	19.59	55.99	-18.01	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5310MHz		

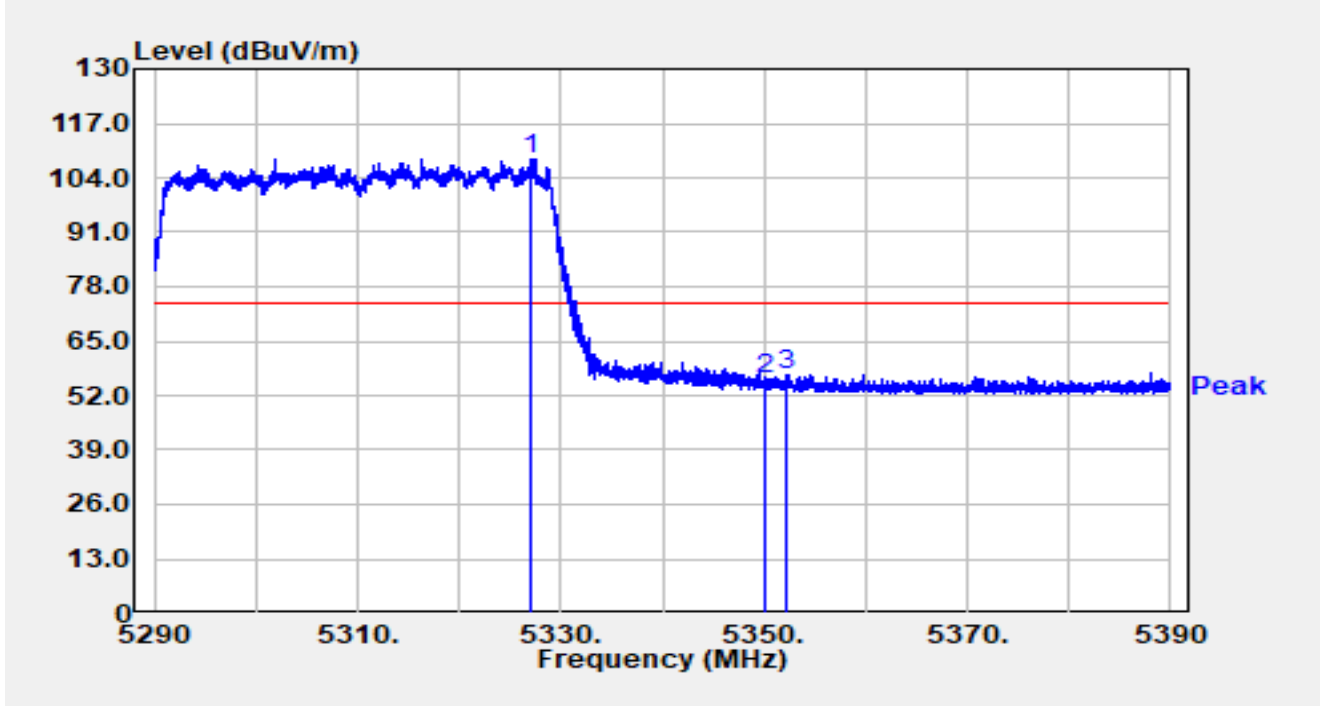


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5316.010	73.39	19.71	93.10	N/A	N/A	Average
2		5350.000	25.74	19.40	45.14	-8.86	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5310MHz		

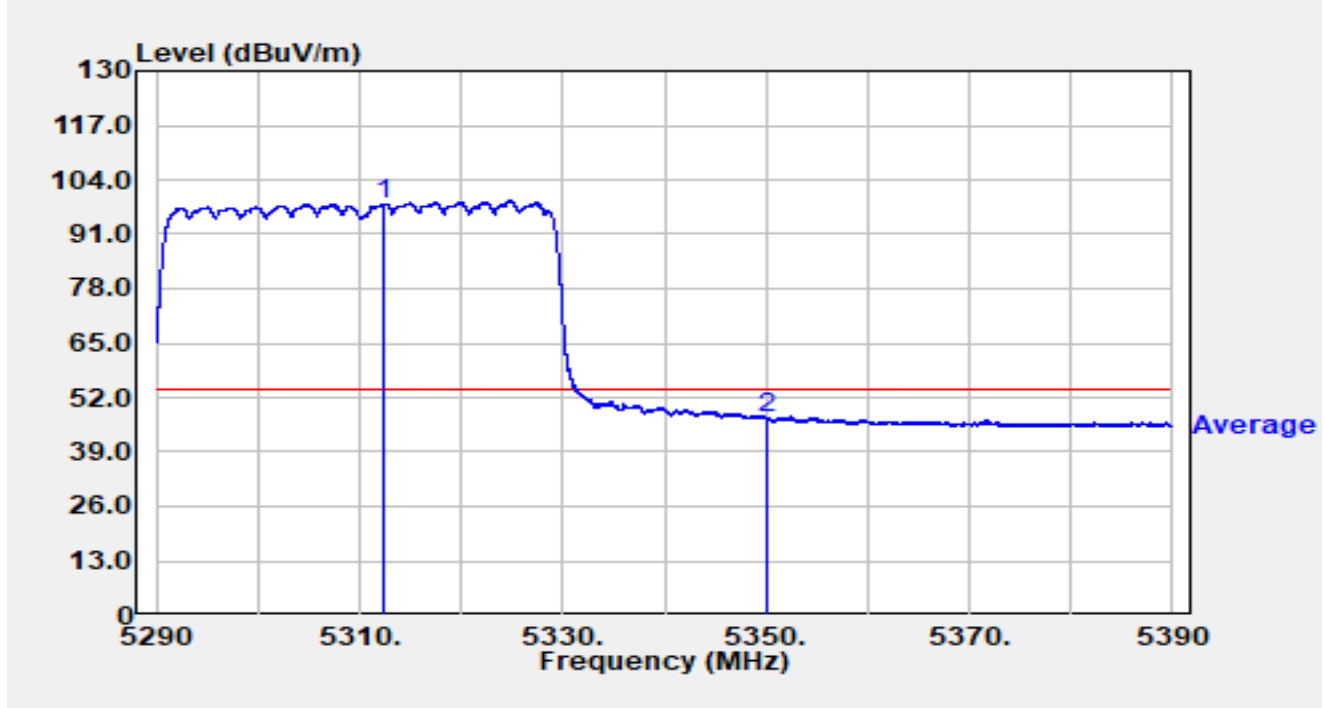


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5327.000	88.79	19.82	108.61	N/A	N/A	Peak
2		5350.000	36.58	19.40	55.98	-18.02	74.00	Peak
3		5352.310	37.63	19.35	56.98	-17.02	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5310MHz		

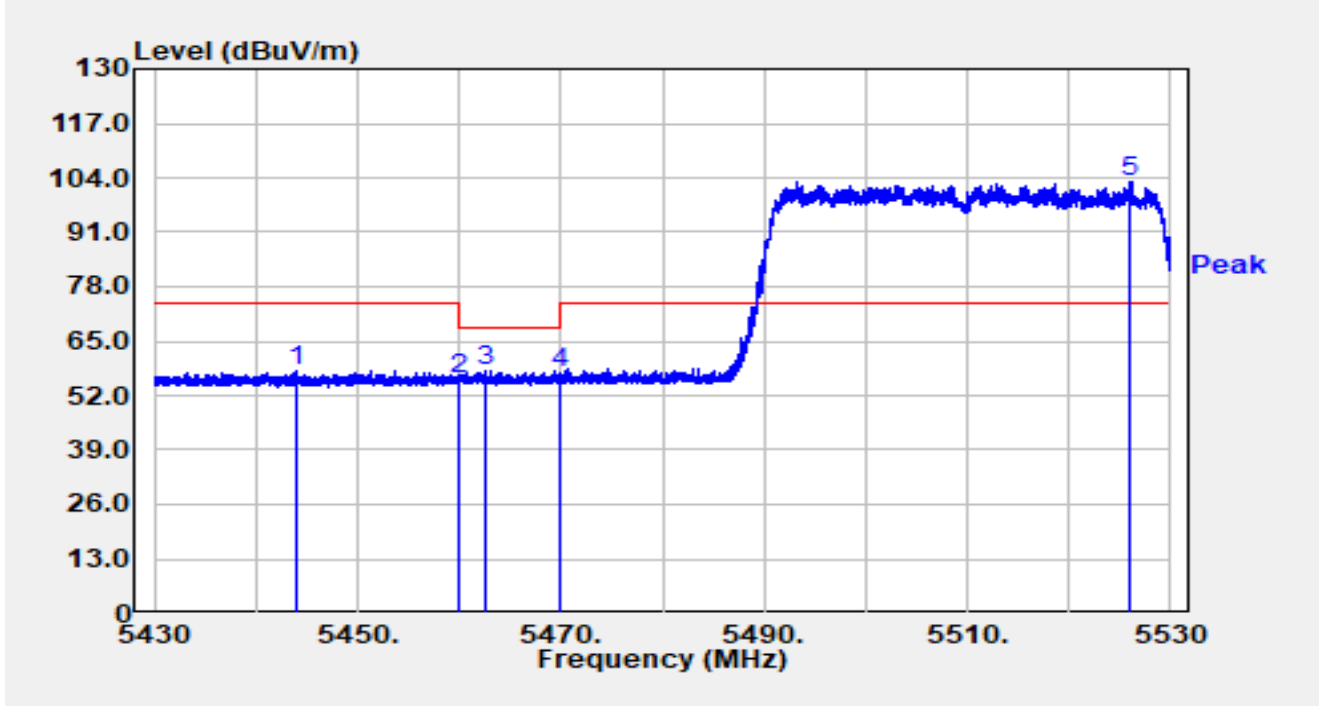


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5312.410	78.53	19.62	98.15	N/A	N/A	Average
2		5350.000	27.85	19.40	47.25	-6.75	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5510MHz		

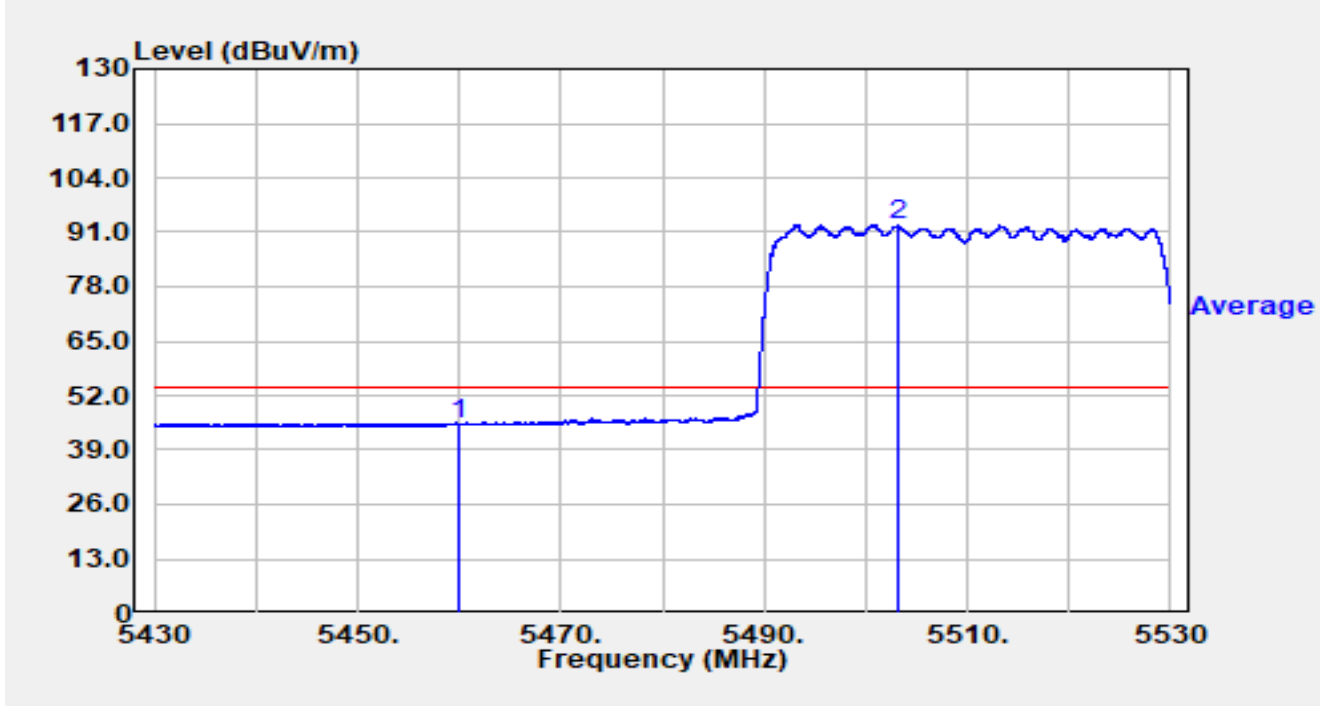


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5443.960	38.11	19.66	57.77	-16.23	74.00	Peak
2		5460.000	36.29	19.74	56.03	-12.17	68.20	Peak
3		5462.520	38.15	19.79	57.93	-10.27	68.20	Peak
4		5470.000	37.66	19.92	57.58	-10.62	68.20	Peak
5	*	5526.030	83.65	19.58	103.24	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5510MHz		

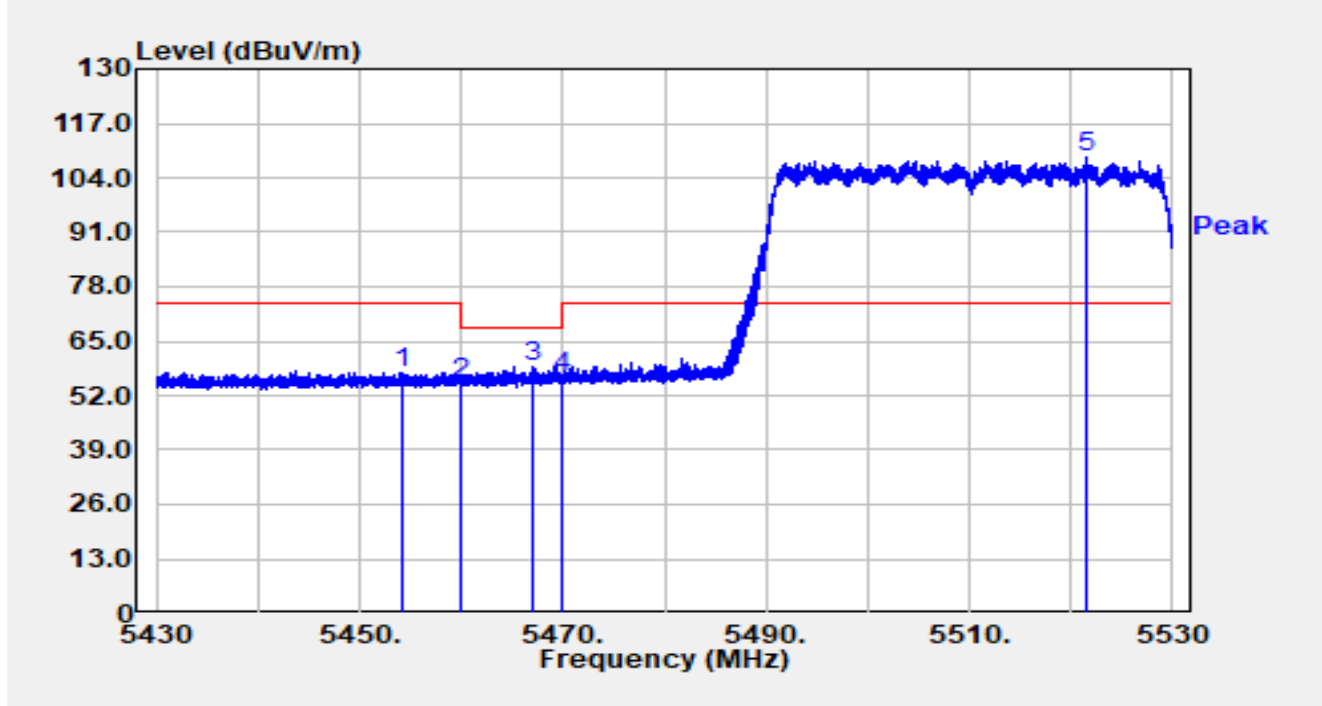


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	25.26	19.74	45.00	-9.00	54.00	Average
2	*	5503.160	73.04	19.69	92.73	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5510MHz		

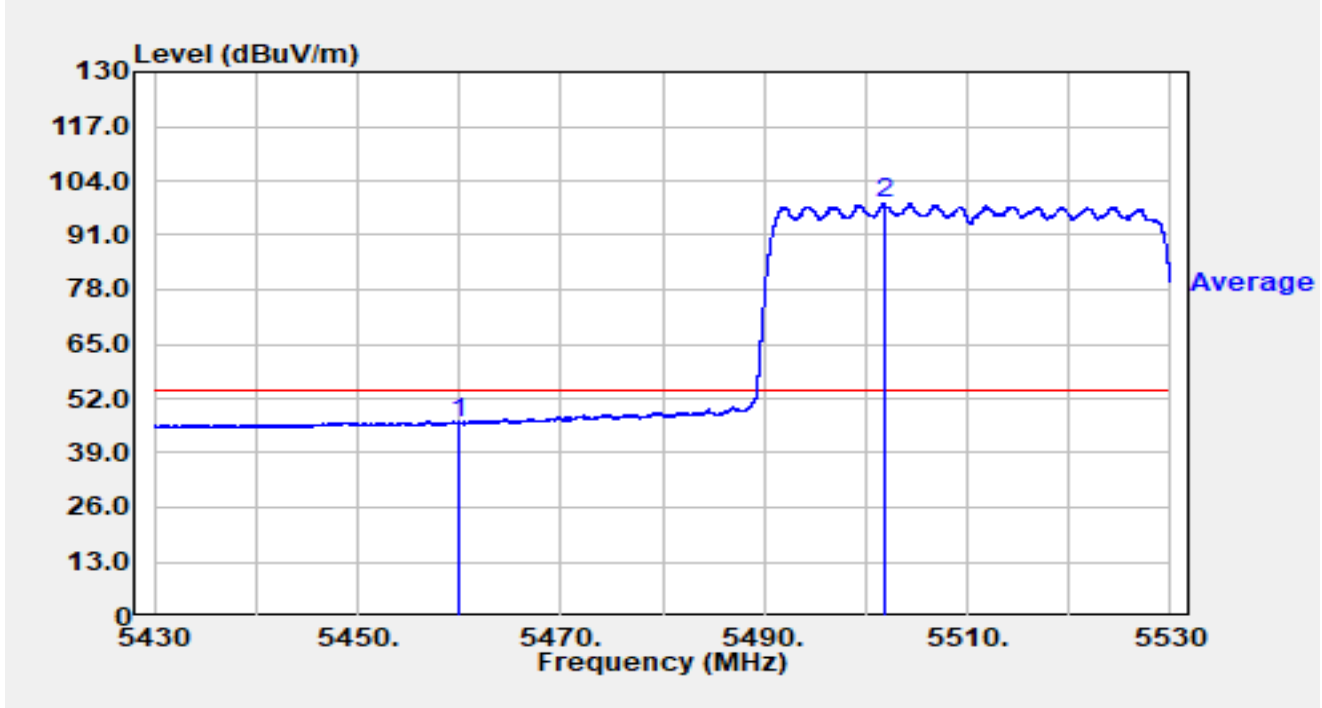


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5454.170	37.81	19.63	57.44	-16.56	74.00	Peak
2		5460.000	34.99	19.74	54.73	-13.47	68.20	Peak
3		5466.940	39.18	19.87	59.04	-9.16	68.20	Peak
4		5470.000	36.59	19.92	56.51	-11.69	68.20	Peak
5	*	5521.610	89.33	19.51	108.83	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5510MHz		

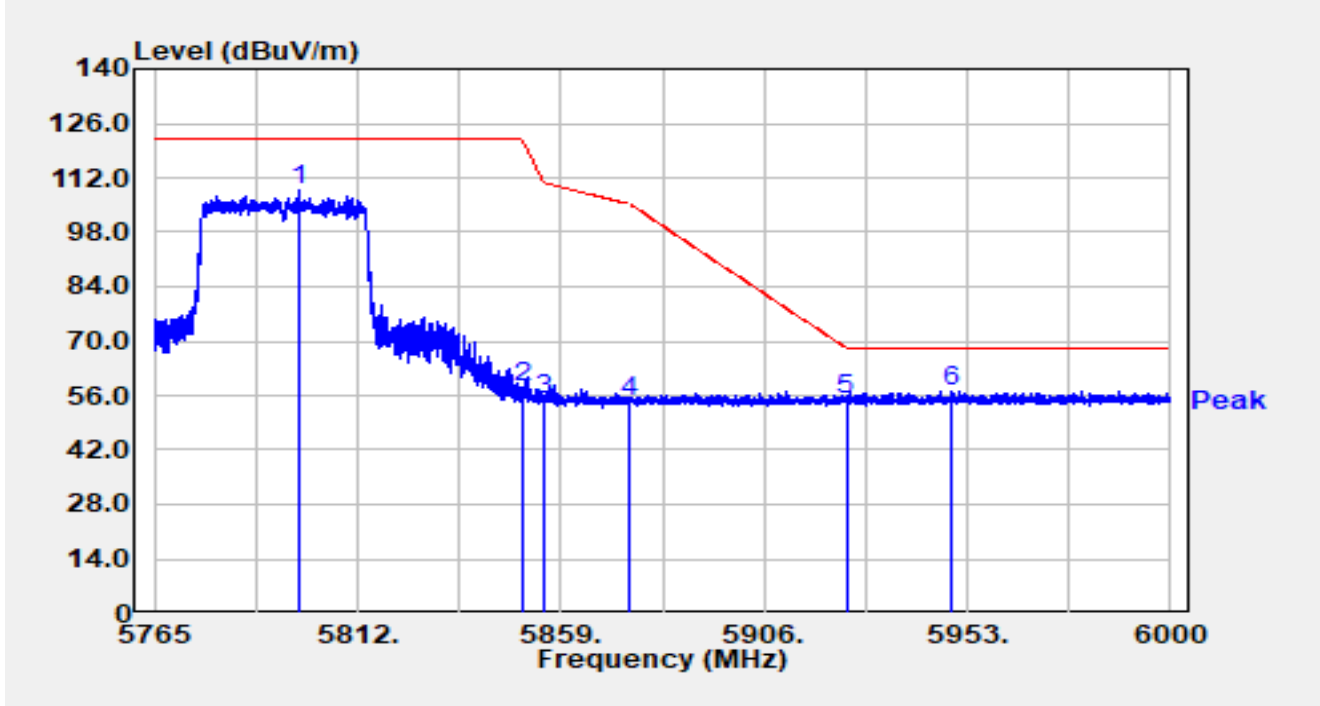


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	26.48	19.74	46.23	-7.77	54.00	Average
2	*	5501.800	78.86	19.71	98.57	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-29
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

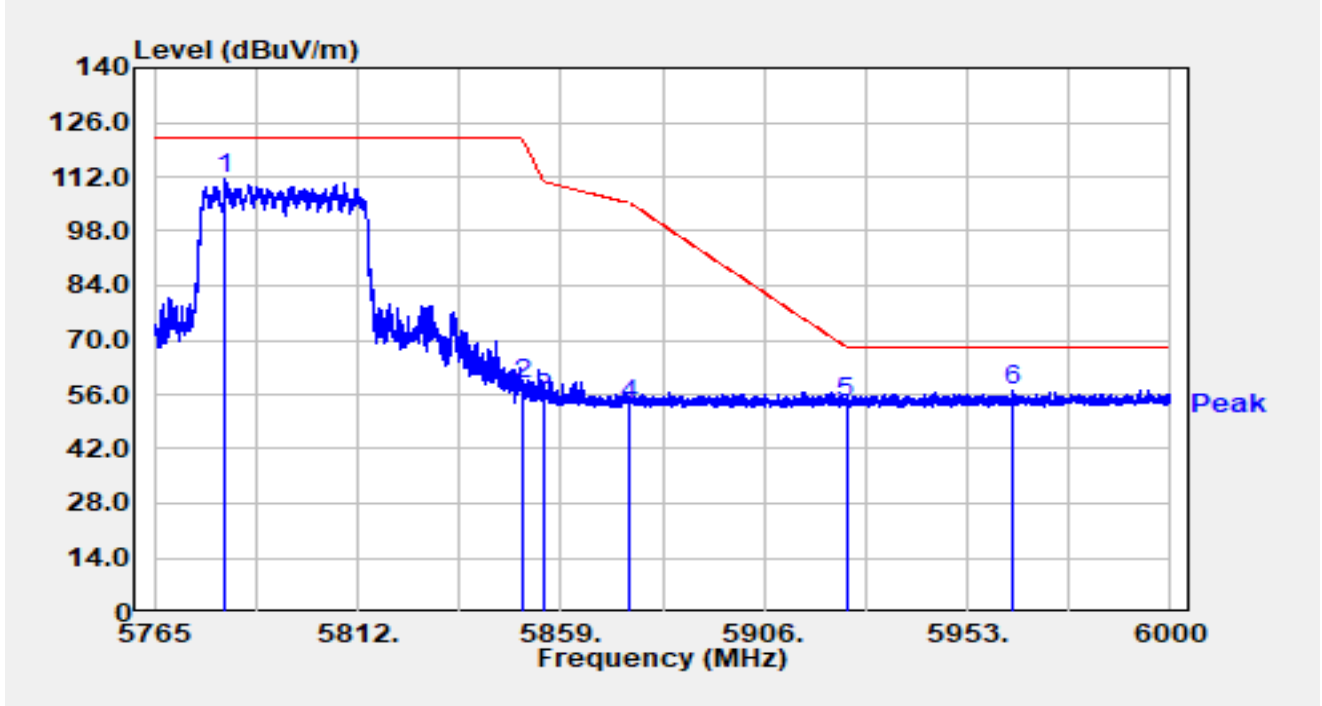


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5798.628	87.24	21.50	108.74	N/A	N/A	Peak
2		5850.000	36.37	21.49	57.86	-64.34	122.20	Peak
3		5855.000	33.40	21.54	54.94	-55.86	110.80	Peak
4		5875.000	32.78	21.60	54.38	-50.82	105.20	Peak
5		5925.000	33.21	21.59	54.80	-13.40	68.20	Peak
6	*	5949.123	35.48	21.65	57.14	-11.06	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-30
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

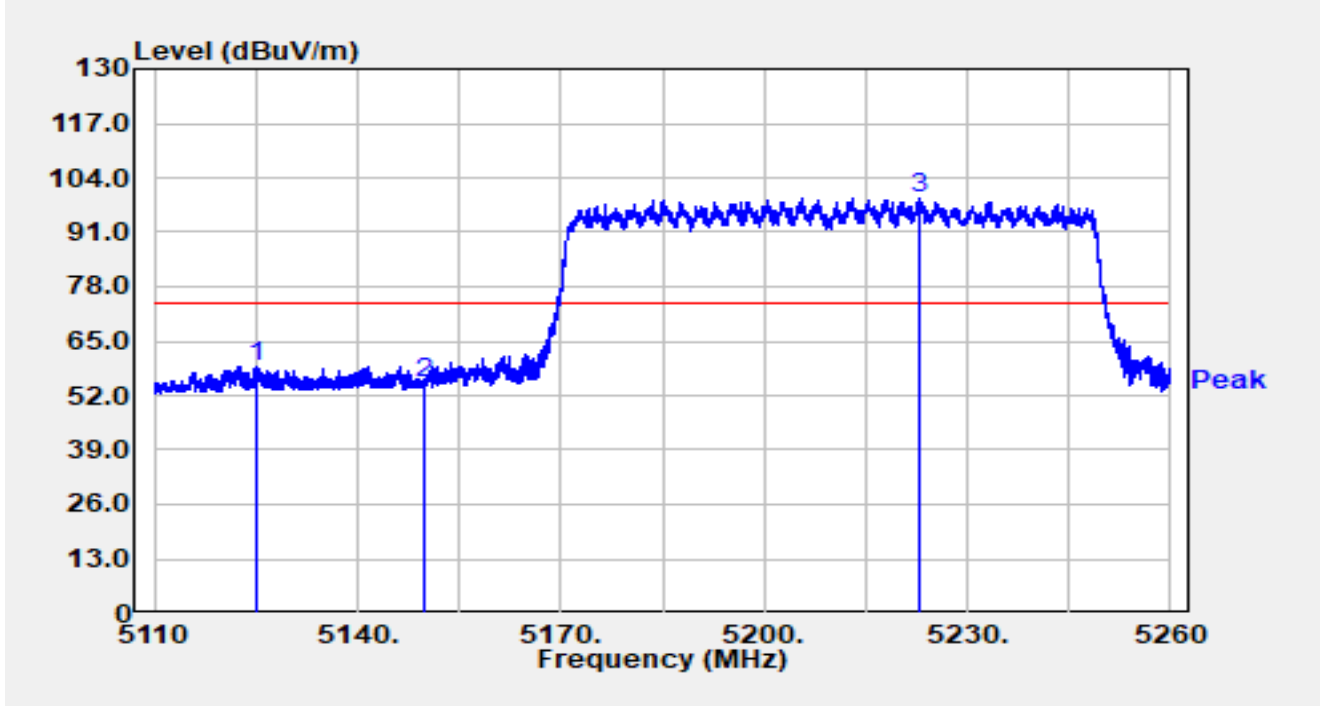


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5781.379	90.24	21.38	111.62	N/A	N/A	Peak
2		5850.000	37.17	21.49	58.65	-63.55	122.20	Peak
3		5855.000	33.19	21.54	54.73	-56.07	110.80	Peak
4		5875.000	31.97	21.60	53.56	-51.64	105.20	Peak
5		5925.000	32.50	21.59	54.10	-14.10	68.20	Peak
6	*	5963.223	35.40	21.64	57.03	-11.17	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

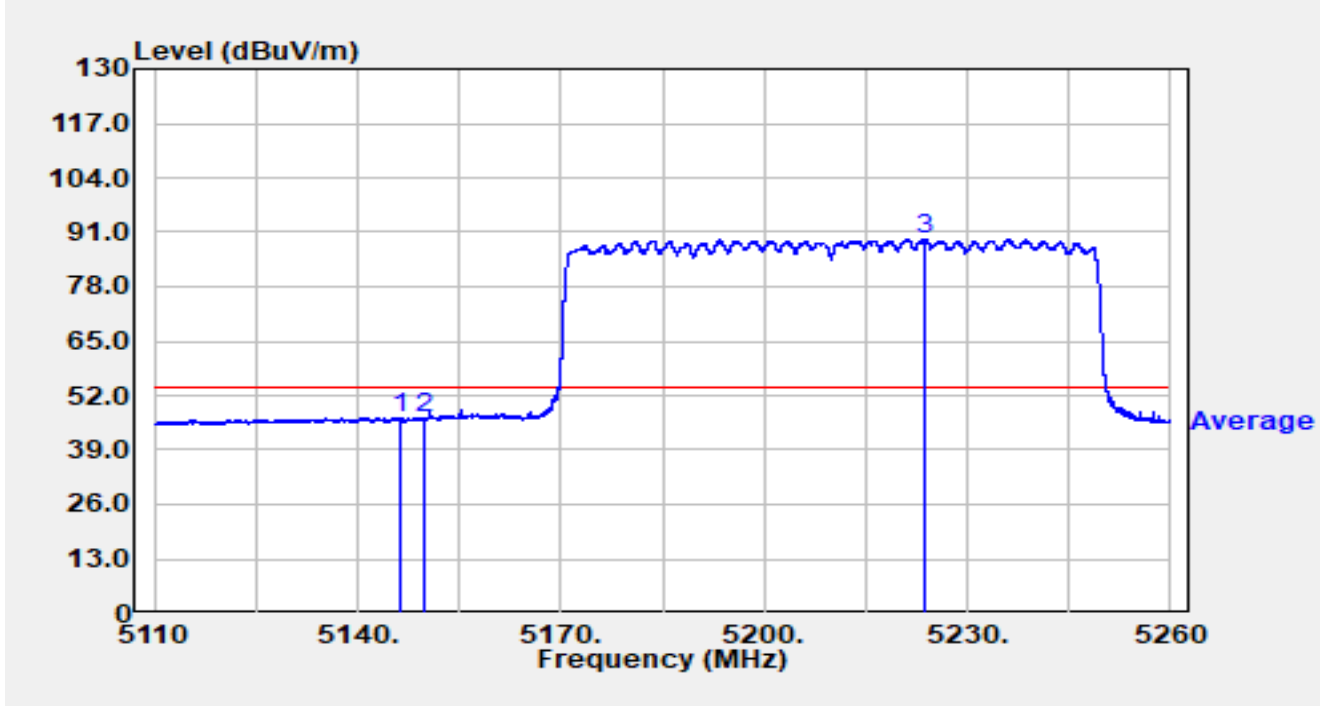


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5125.240	39.45	19.53	58.97	-15.03	74.00	Peak
2		5150.000	35.39	19.78	55.17	-18.83	74.00	Peak
3	*	5222.995	79.82	19.41	99.23	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

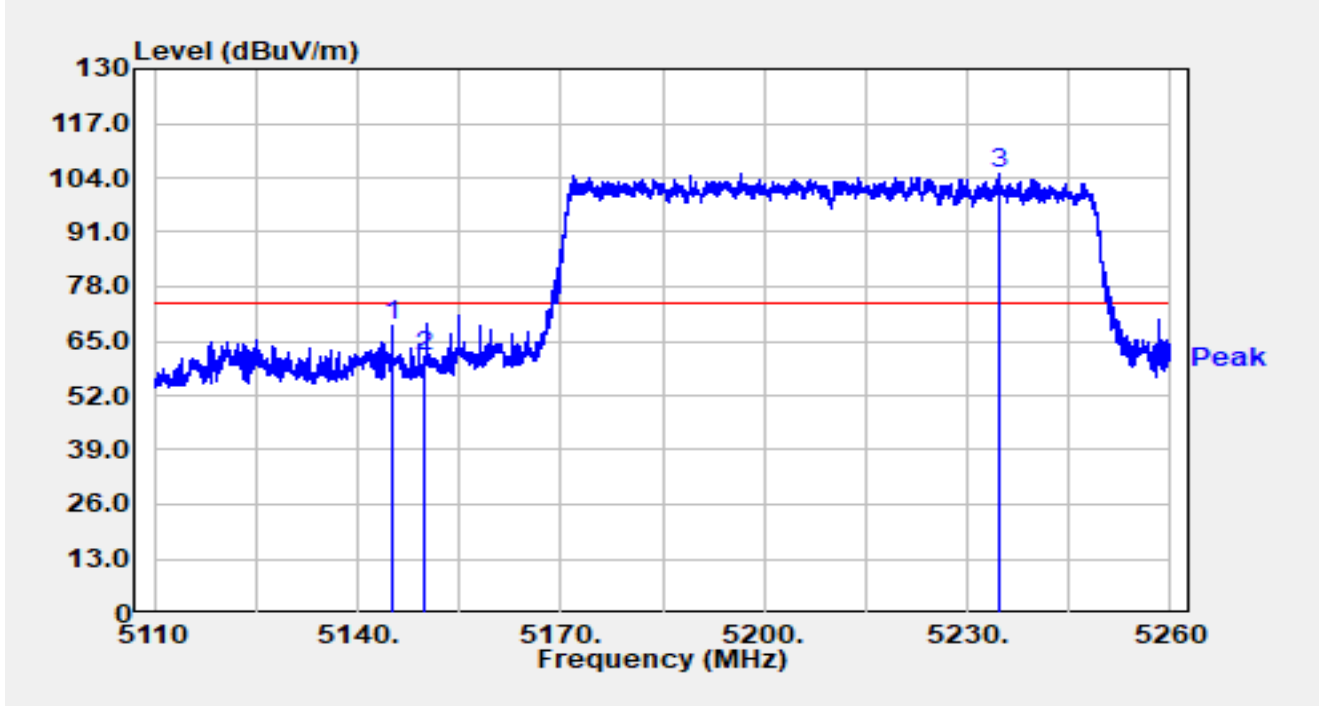


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5146.450	26.88	19.75	46.63	-7.37	54.00	Average
2		5150.000	26.62	19.78	46.40	-7.60	54.00	Average
3	*	5223.580	69.94	19.42	89.36	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

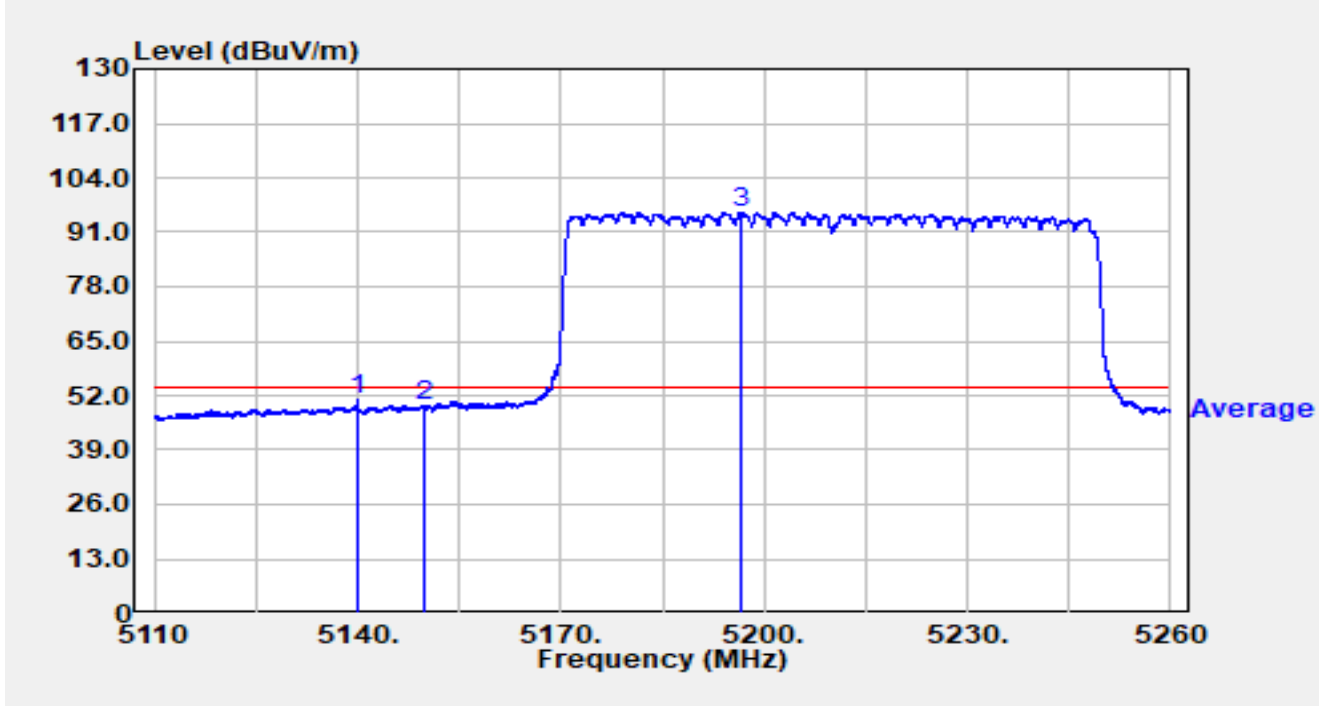


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5145.025	49.17	19.73	68.90	-5.10	74.00	Peak
2		5150.000	41.42	19.78	61.20	-12.80	74.00	Peak
3	*	5234.620	85.40	19.51	104.90	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5210MHz		

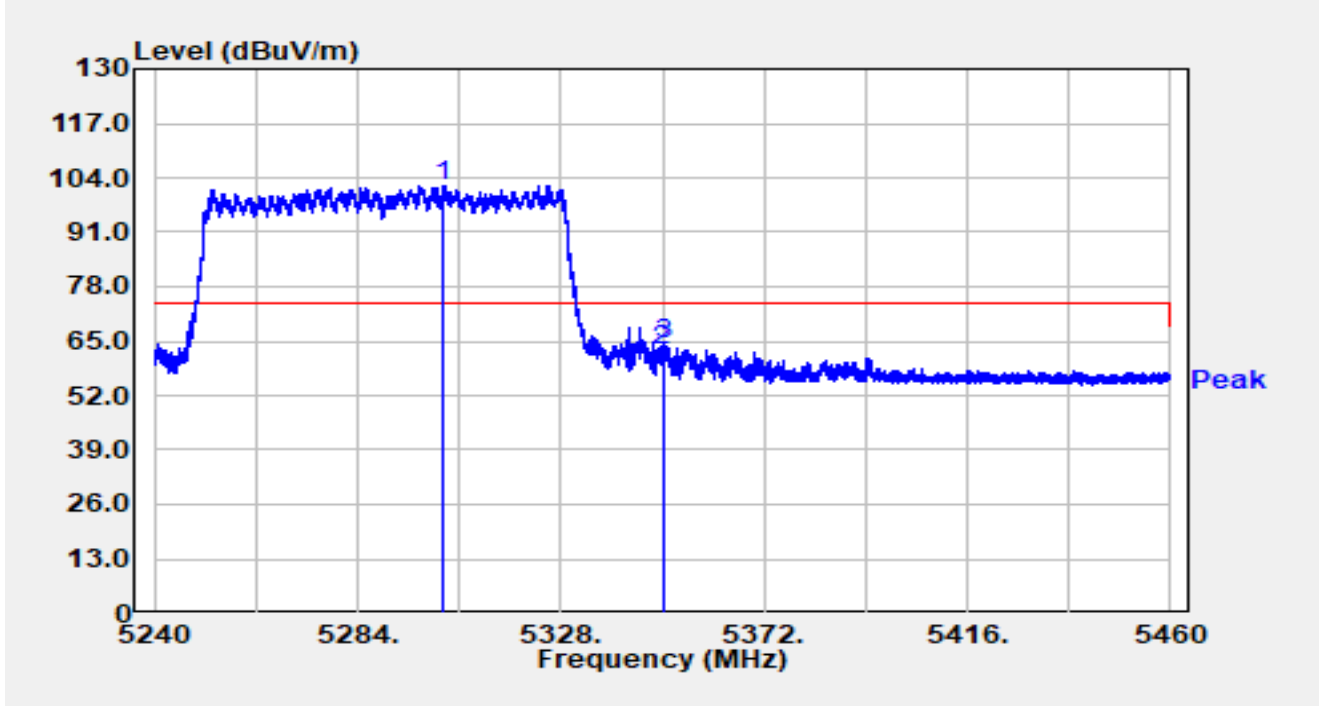


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5139.895	31.50	19.66	51.16	-2.84	54.00	Average
2		5150.000	29.53	19.78	49.31	-4.69	54.00	Average
3	*	5196.475	76.44	19.32	95.76	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

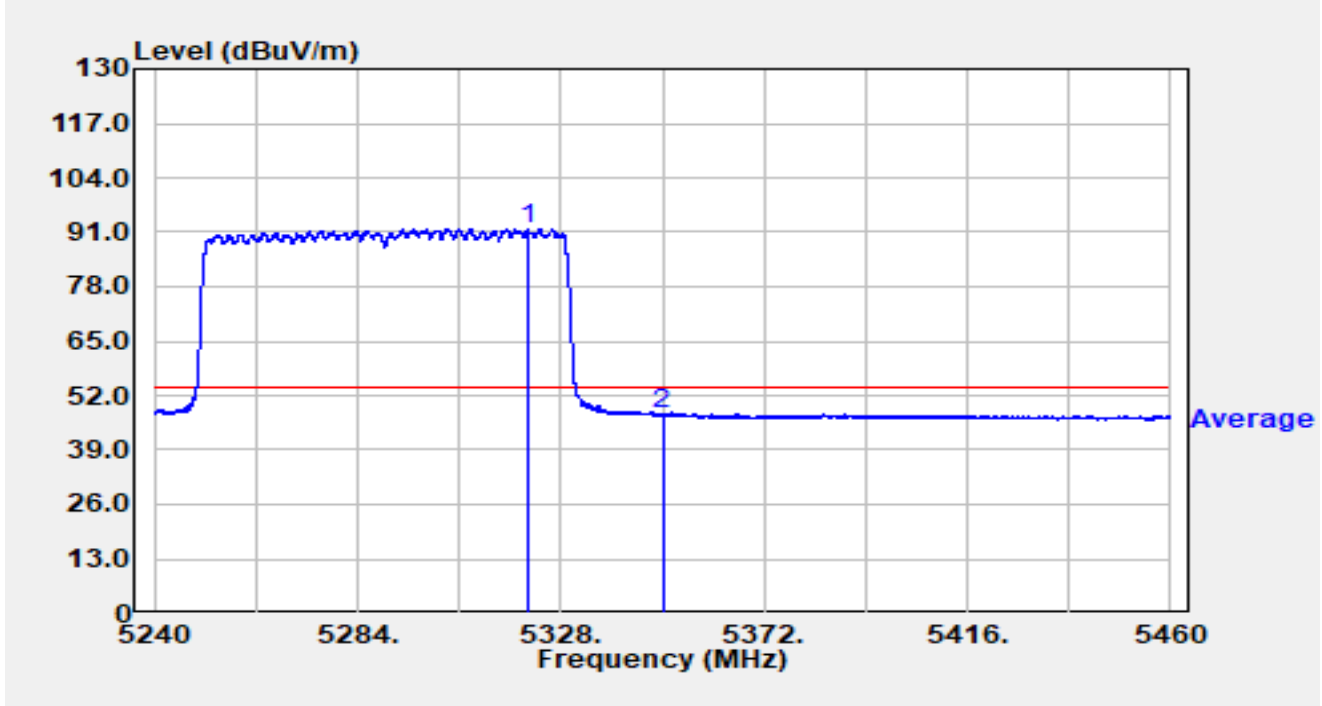


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5302.568	82.80	19.42	102.22	N/A	N/A	Peak
2		5350.000	43.29	19.40	62.69	-11.31	74.00	Peak
3		5350.418	44.64	19.39	64.04	-9.96	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

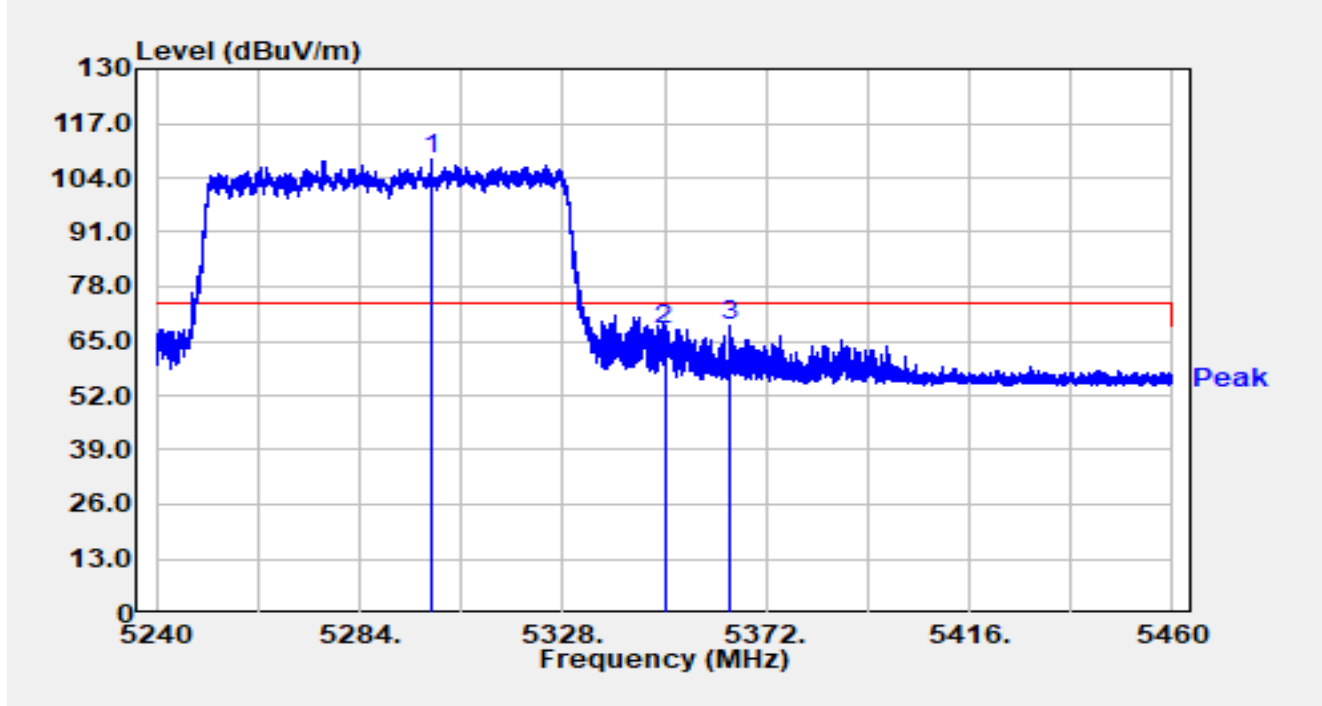


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5320.916	72.03	19.78	91.80	N/A	N/A	Average
2		5350.000	28.28	19.40	47.68	-6.32	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

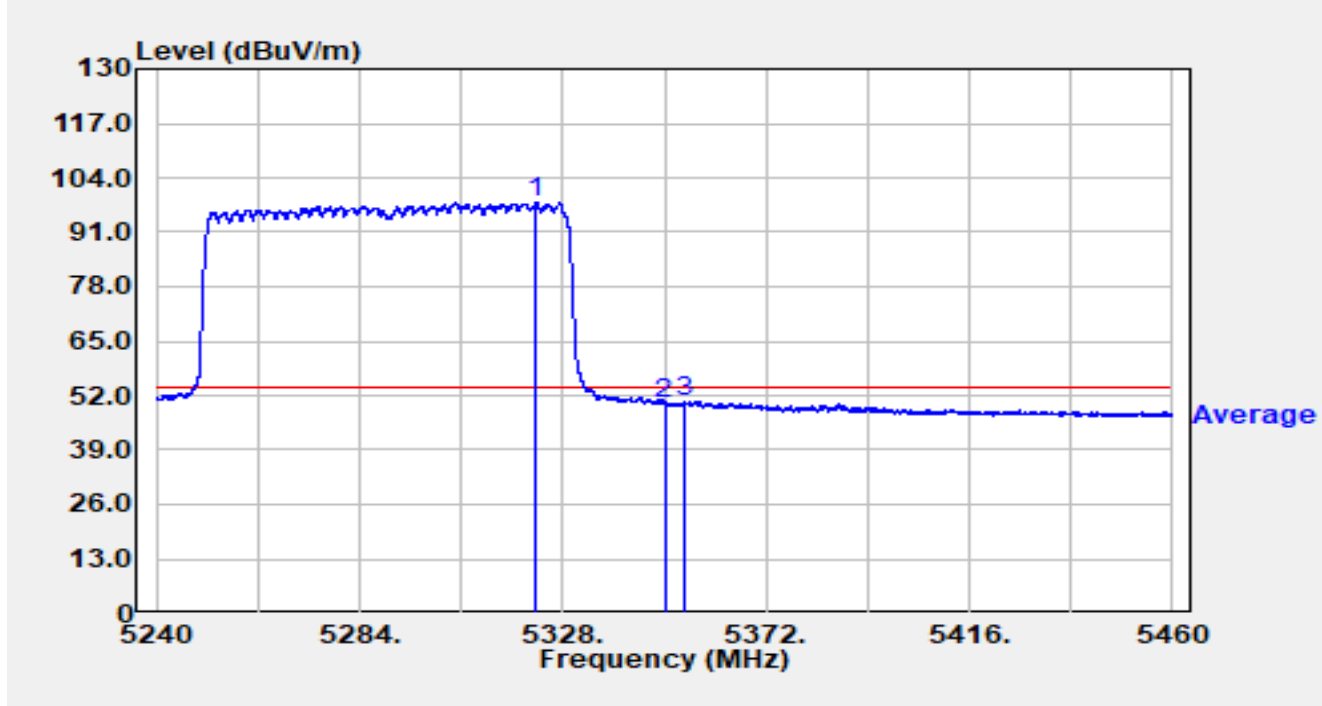


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5299.730	88.95	19.37	108.32	N/A	N/A	Peak
2		5350.000	48.16	19.40	67.56	-6.44	74.00	Peak
3		5364.278	49.26	19.31	68.57	-5.43	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5290MHz		

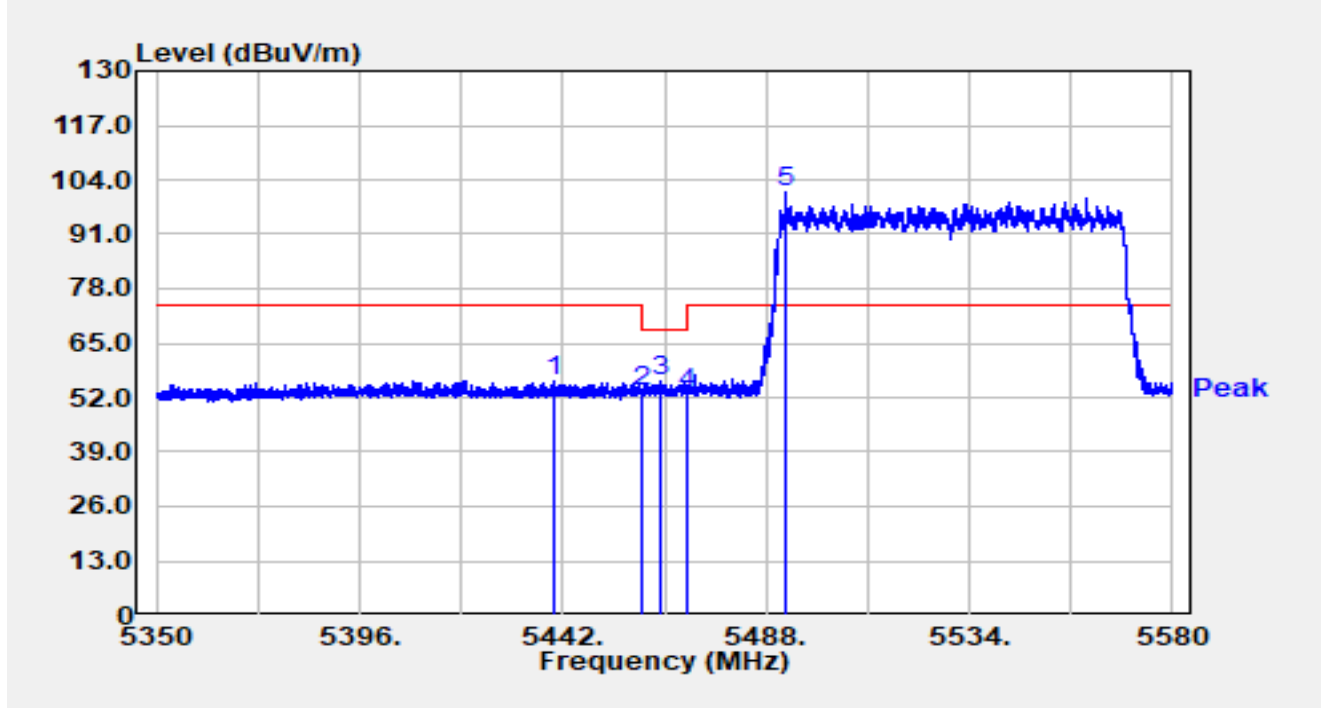


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5322.324	78.48	19.79	98.27	N/A	N/A	Average
2		5350.000	30.68	19.40	50.09	-3.91	54.00	Average
3		5354.554	31.04	19.35	50.38	-3.62	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

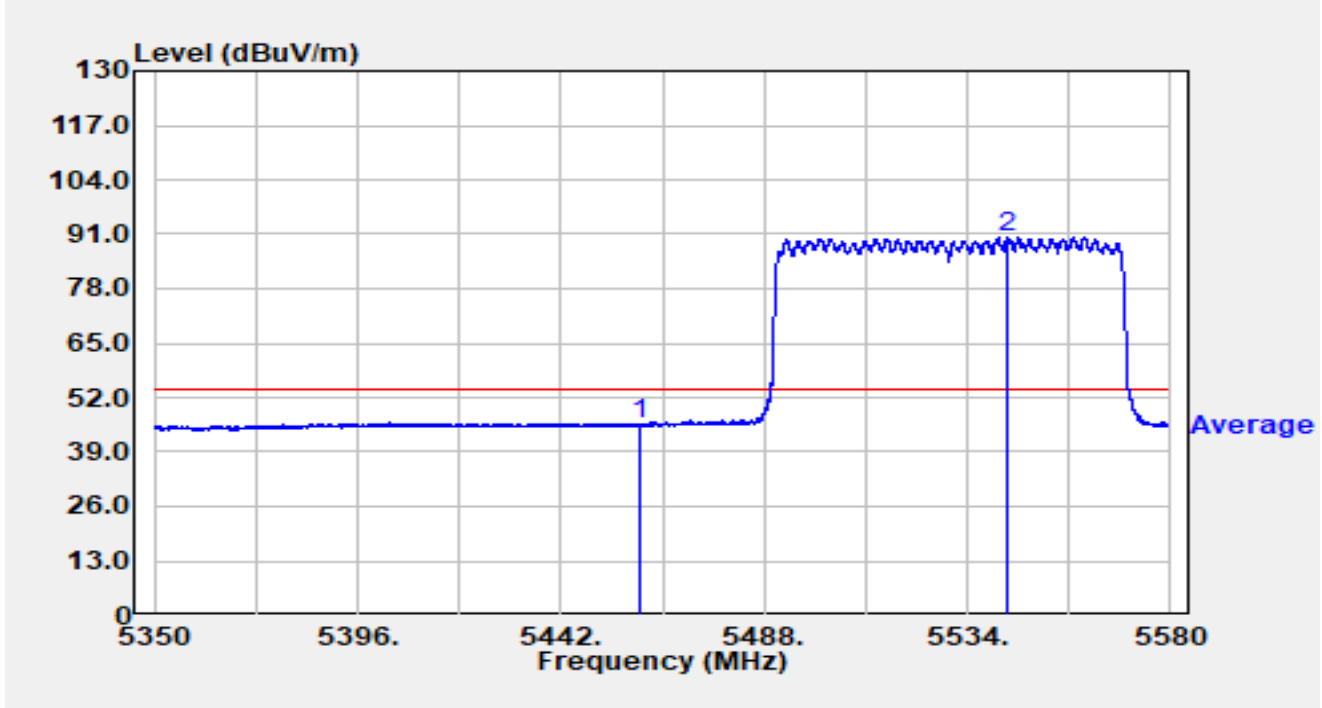


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5440.091	36.45	19.67	56.12	-17.88	74.00	Peak
2		5460.009	33.95	19.74	53.69	-14.51	68.20	Peak
3		5463.850	36.22	19.81	56.03	-12.17	68.20	Peak
4		5470.000	32.93	19.92	52.85	-15.35	68.20	Peak
5	*	5492.600	81.43	19.82	101.25	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

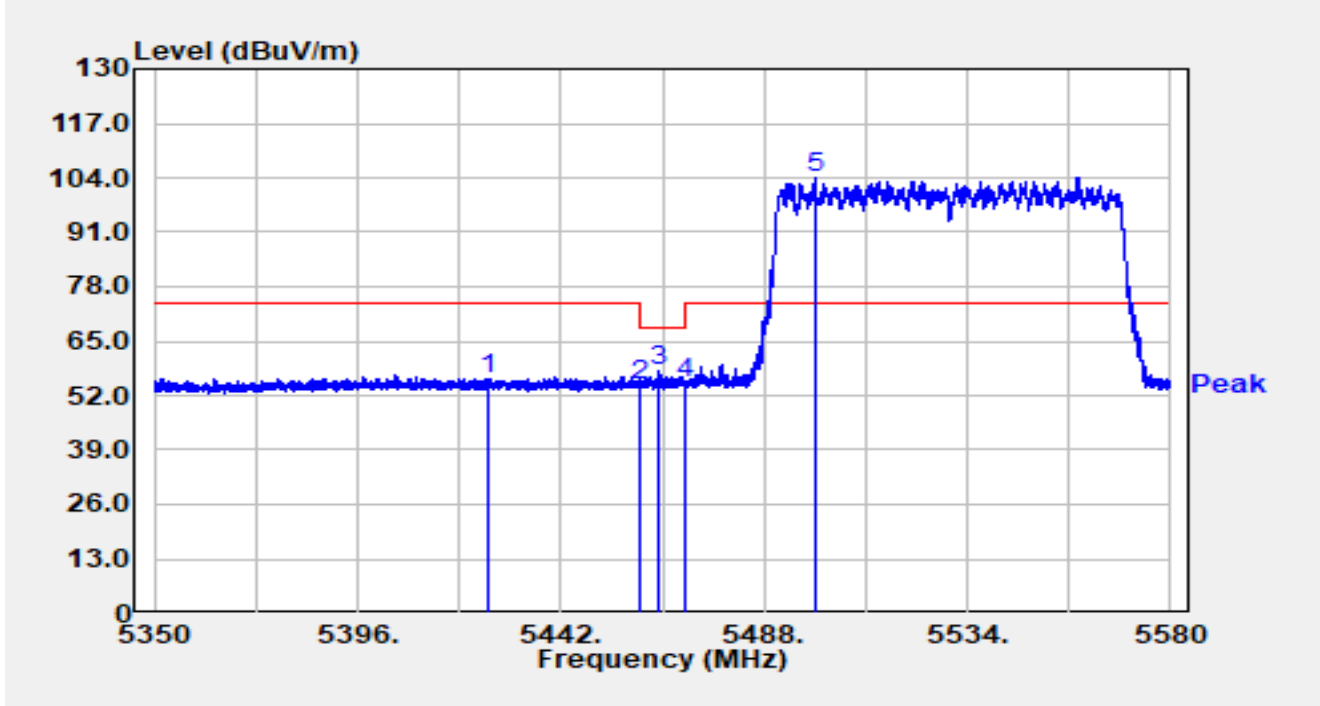


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	25.74	19.74	45.49	-8.51	54.00	Average
2	*	5543.131	70.46	19.95	90.41	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

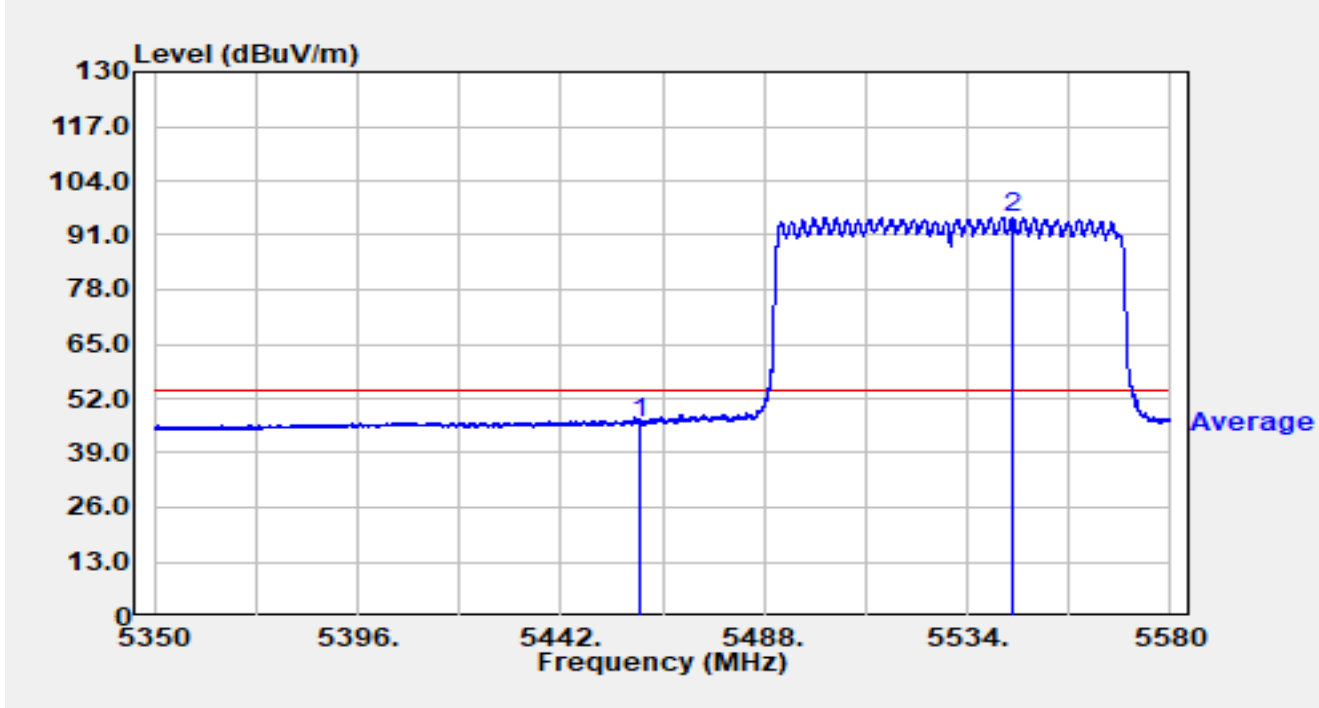


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5425.509	36.27	19.82	56.09	-17.91	74.00	Peak
2		5460.009	34.65	19.74	54.40	-13.80	68.20	Peak
3		5464.172	37.99	19.82	57.81	-10.39	68.20	Peak
4		5470.000	35.07	19.92	54.99	-13.21	68.20	Peak
5	*	5499.822	84.50	19.73	104.23	N/A	N/A	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5530MHz		

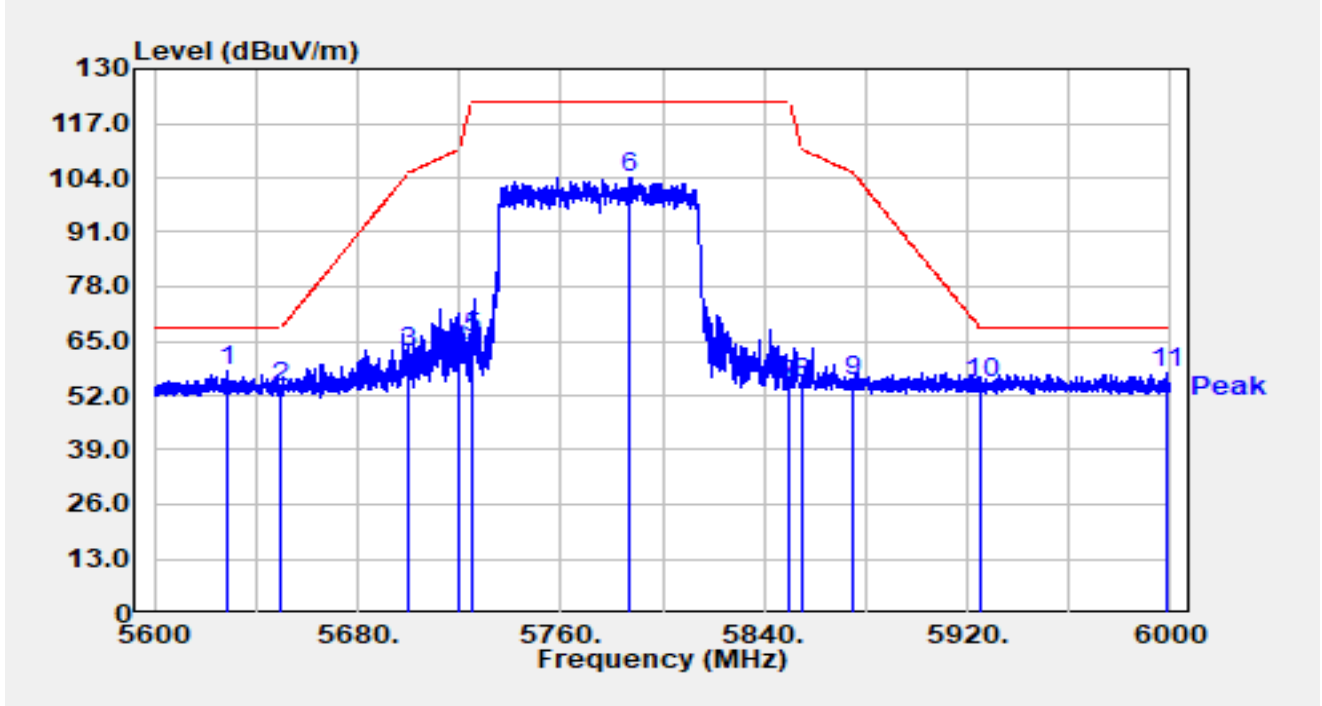


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5460.000	26.55	19.74	46.30	-7.70	54.00	Average
2	*	5544.028	75.40	19.97	95.37	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-12-06
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5629.040	37.41	20.57	57.98	-10.22	68.20	Peak
2		5650.000	33.54	20.60	54.14	-14.06	68.20	Peak
3		5700.000	41.50	20.96	62.47	-42.73	105.20	Peak
4		5720.000	41.81	21.20	63.01	-47.79	110.80	Peak
5		5725.000	44.69	21.24	65.93	-56.27	122.20	Peak
6		5787.400	82.59	21.44	104.04	N/A	N/A	Peak
7		5850.000	33.10	21.49	54.59	-67.61	122.20	Peak
8		5855.000	33.56	21.54	55.10	-55.70	110.80	Peak
9		5875.000	33.61	21.60	55.21	-49.99	105.20	Peak
10		5925.000	33.31	21.59	54.91	-13.29	68.20	Peak
11		5998.320	35.49	21.72	57.20	-11.00	68.20	Peak

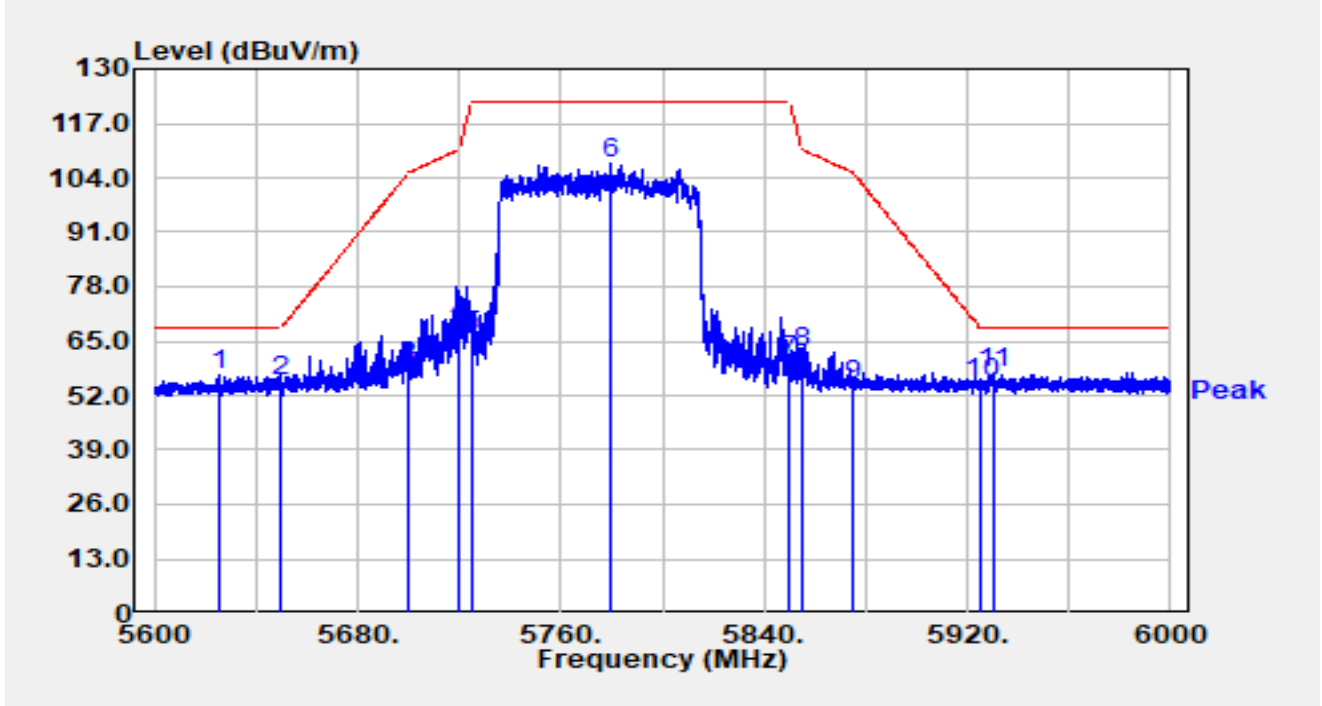
Notes:

1. " *", means this data is the worst emission level.

2. $C.F (dB/m) = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 16dB \text{ Attenuation (dB)} - \text{AMP (dB)}$.

3. $\text{Measurement}(dB\mu V/m) = \text{Reading}(dB\mu V) + C.F (dB/m)$.

Site	WZ-AC2	Test Date	2024-12-06
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5625.400	36.26	20.54	56.80	-11.40	68.20	Peak
2		5650.000	35.04	20.60	55.64	-12.56	68.20	Peak
3		5700.000	38.08	20.96	59.04	-46.16	105.20	Peak
4		5720.000	47.75	21.20	68.95	-41.85	110.80	Peak
5		5725.000	44.77	21.24	66.01	-56.19	122.20	Peak
6		5779.560	85.96	21.37	107.32	N/A	N/A	Peak
7		5850.000	39.01	21.49	60.50	-61.70	122.20	Peak
8		5855.000	40.69	21.54	62.23	-48.57	110.80	Peak
9		5875.000	32.83	21.60	54.43	-50.77	105.20	Peak
10		5925.000	33.52	21.59	55.11	-13.09	68.20	Peak
11	*	5930.000	35.88	21.62	57.50	-10.70	68.20	Peak

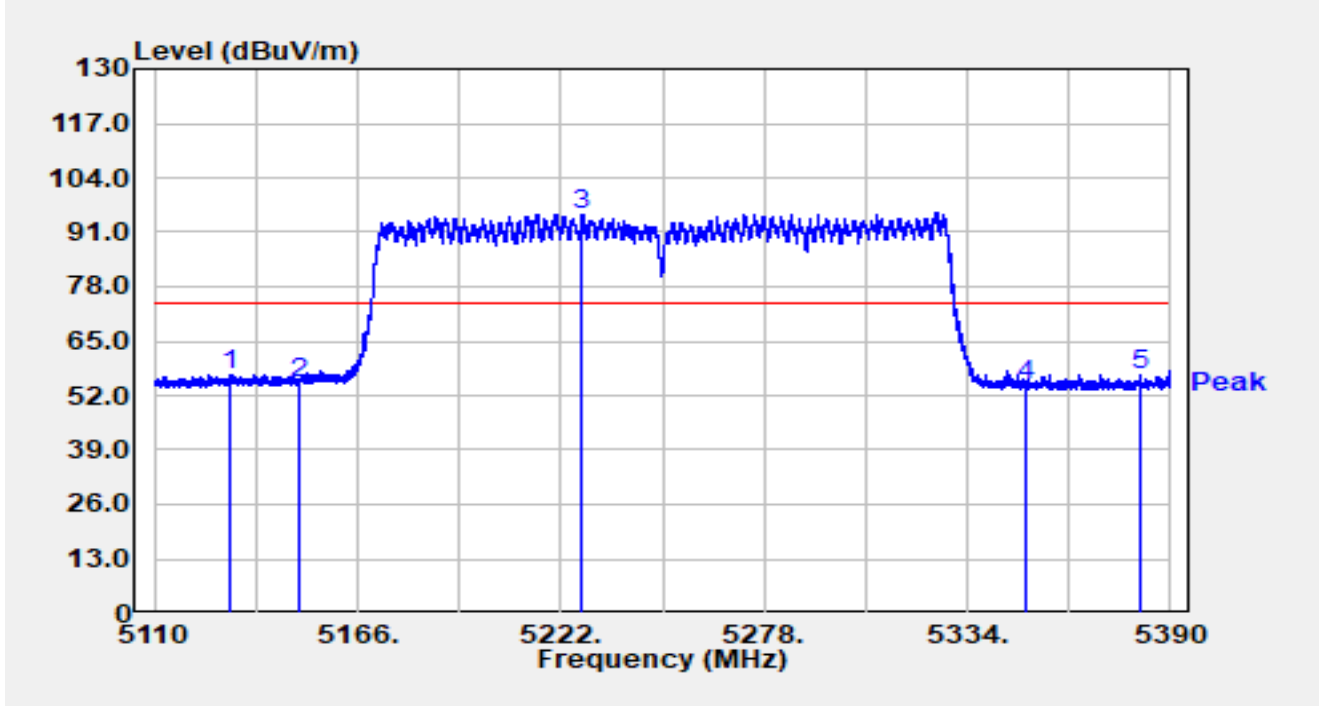
Notes:

1. " *", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).

3. Measurement(dB μ V/m) = Reading(dB μ V) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

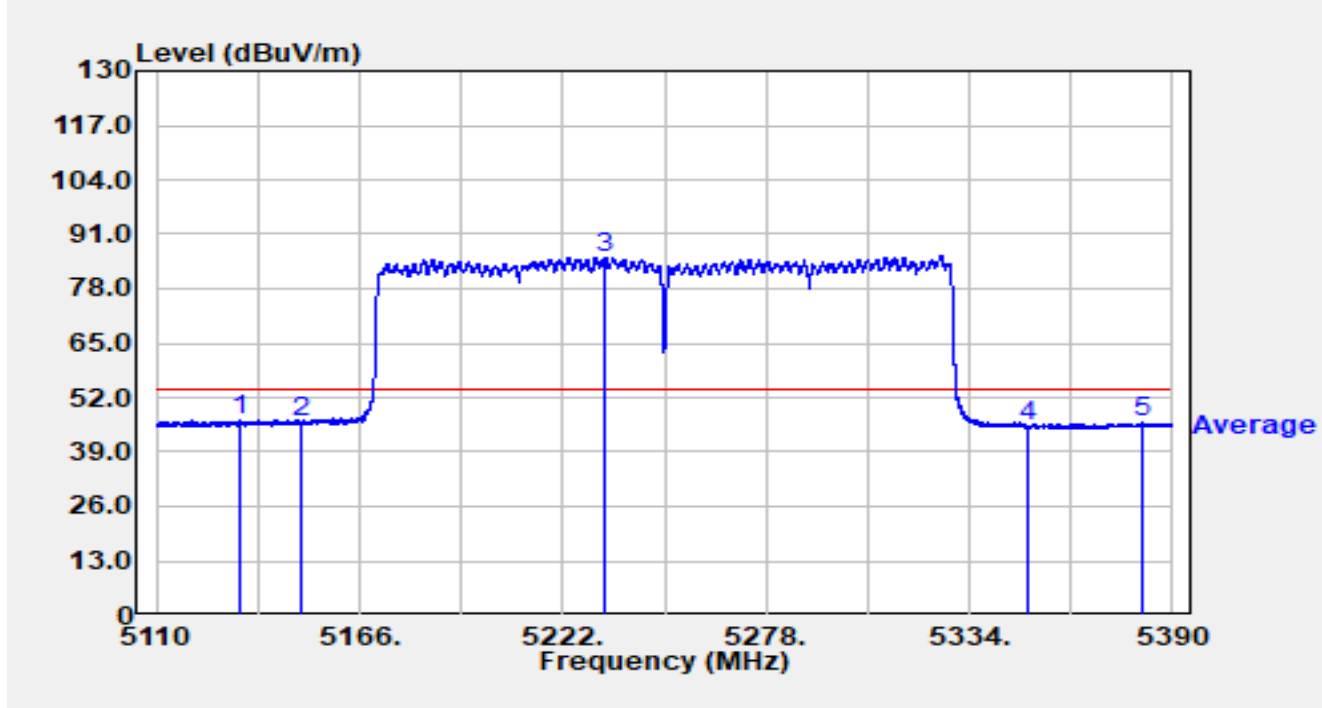


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5130.608	37.46	19.54	57.00	-17.00	74.00	Peak
2		5150.000	35.27	19.78	55.06	-18.94	74.00	Peak
3	*	5227.768	75.92	19.47	95.39	N/A	N/A	Peak
4		5350.000	35.08	19.40	54.48	-19.52	74.00	Peak
5		5381.796	37.20	19.64	56.84	-17.16	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

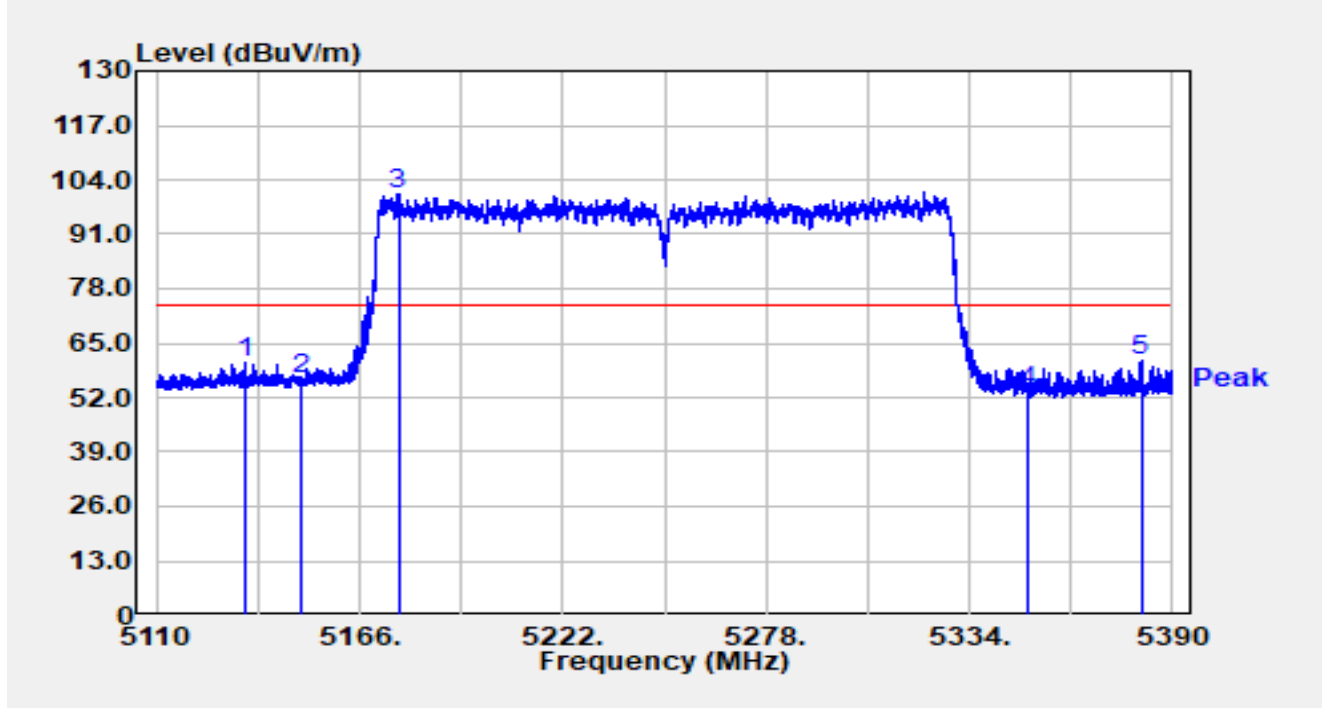


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5132.932	27.23	19.57	46.80	-7.20	54.00	Average
2		5150.000	26.26	19.78	46.04	-7.96	54.00	Average
3	*	5233.592	65.88	19.52	85.41	N/A	N/A	Average
4		5350.000	25.56	19.40	44.96	-9.04	54.00	Average
5		5381.684	26.24	19.63	45.87	-8.13	54.00	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

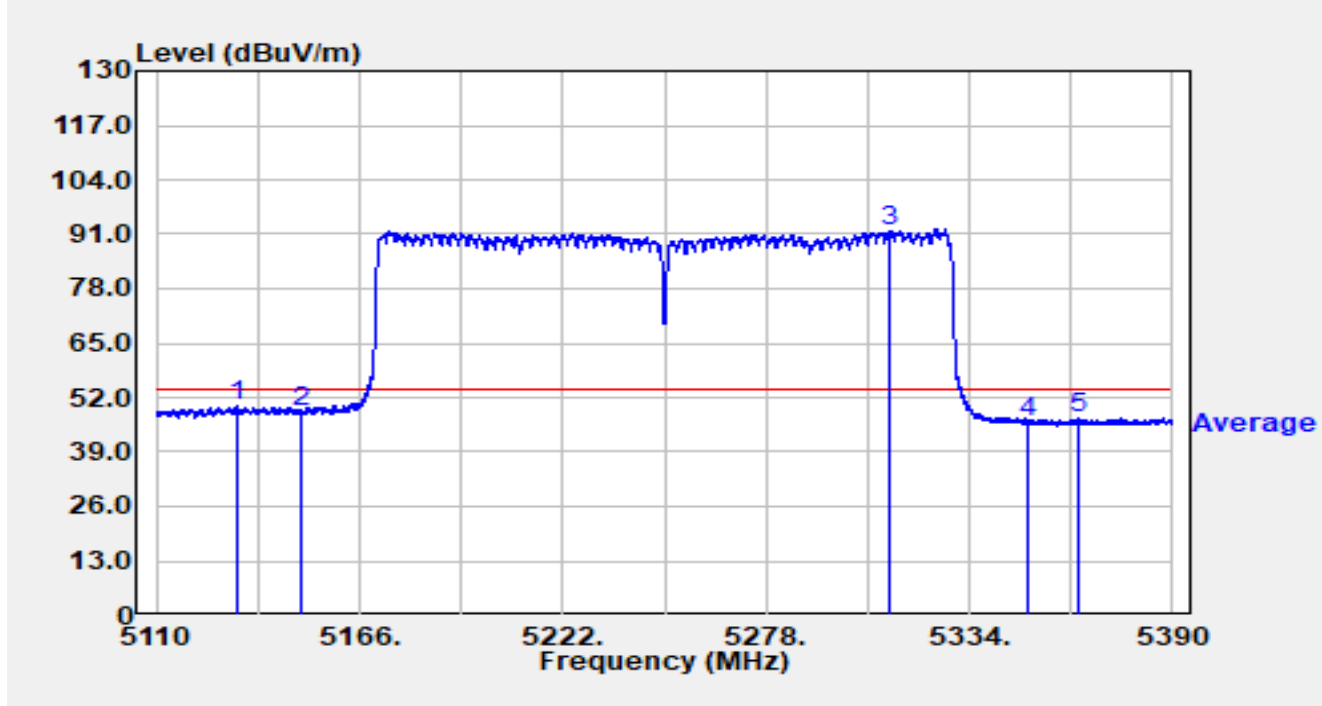


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5134.388	40.66	19.59	60.25	-13.75	74.00	Peak
2		5150.000	36.64	19.78	56.42	-17.58	74.00	Peak
3	*	5176.668	80.96	19.70	100.66	N/A	N/A	Peak
4		5350.000	34.25	19.40	53.65	-20.35	74.00	Peak
5		5381.320	40.97	19.63	60.60	-13.40	74.00	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5250MHz		

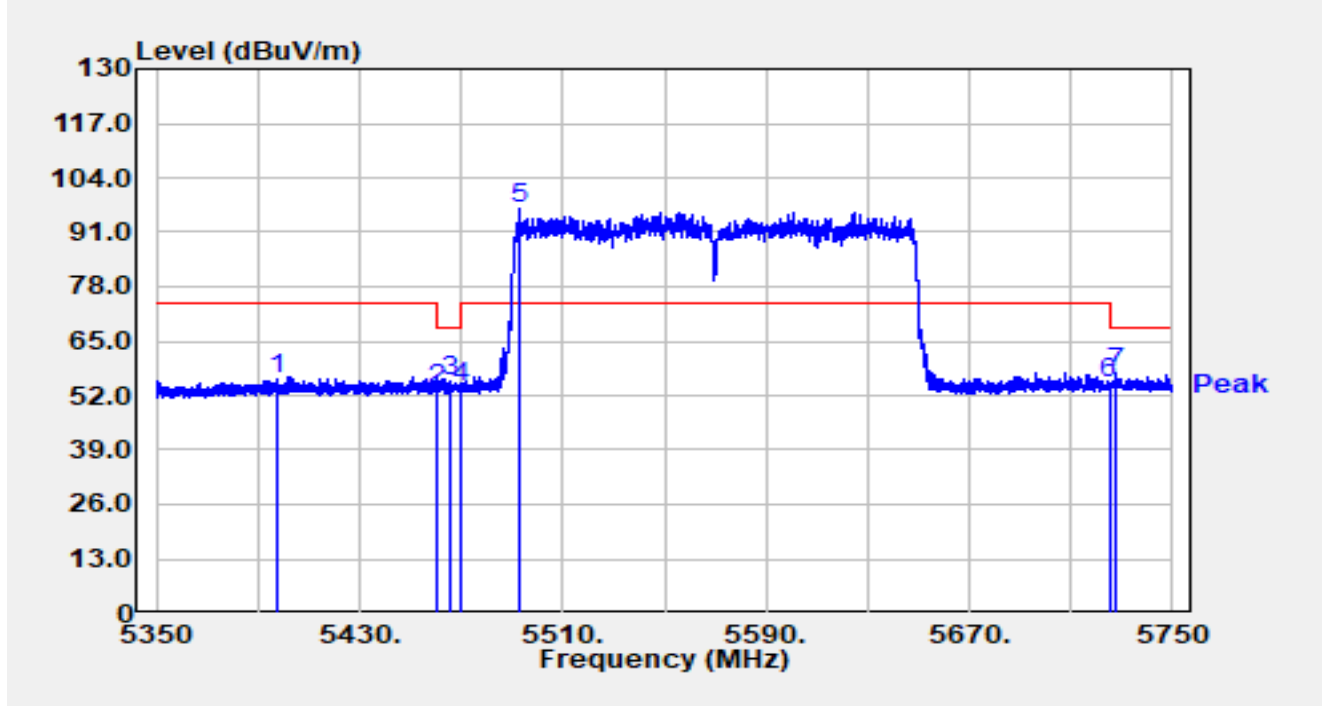


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5132.148	30.30	19.56	49.86	-4.14	54.00	Average
2		5150.000	28.89	19.78	48.67	-5.33	54.00	Average
3	*	5312.160	72.03	19.62	91.64	N/A	N/A	Average
4		5350.000	26.61	19.40	46.01	-7.99	54.00	Average
5		5363.988	27.68	19.31	46.99	-7.01	54.00	Average

Notes:

- "*", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
- Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

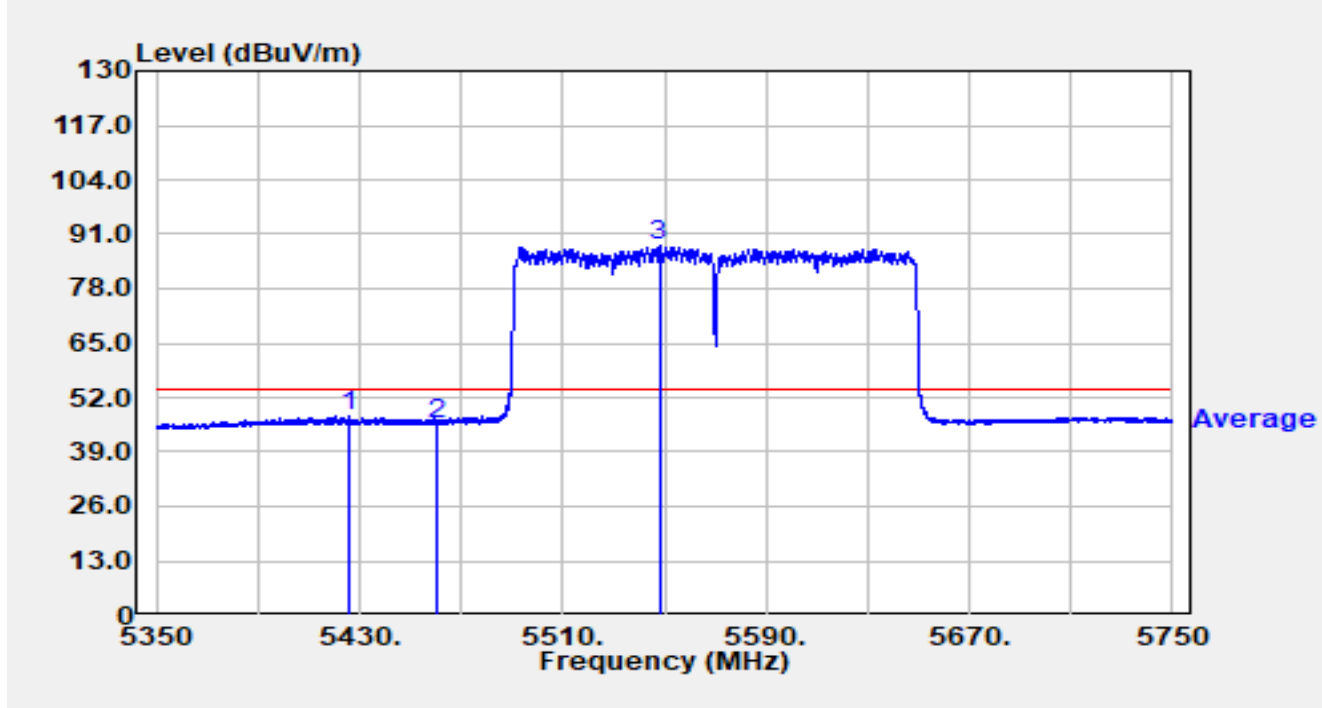


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5397.720	35.84	19.93	55.77	-18.23	74.00	Peak
2		5460.000	33.72	19.74	53.46	-14.74	68.20	Peak
3		5465.320	35.44	19.84	55.28	-12.92	68.20	Peak
4		5470.000	34.17	19.92	54.09	-14.11	68.20	Peak
5	*	5493.160	76.59	19.81	96.40	N/A	N/A	Peak
6		5725.000	33.48	21.24	54.72	-13.48	68.20	Peak
7		5727.720	36.21	21.23	57.44	-10.76	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

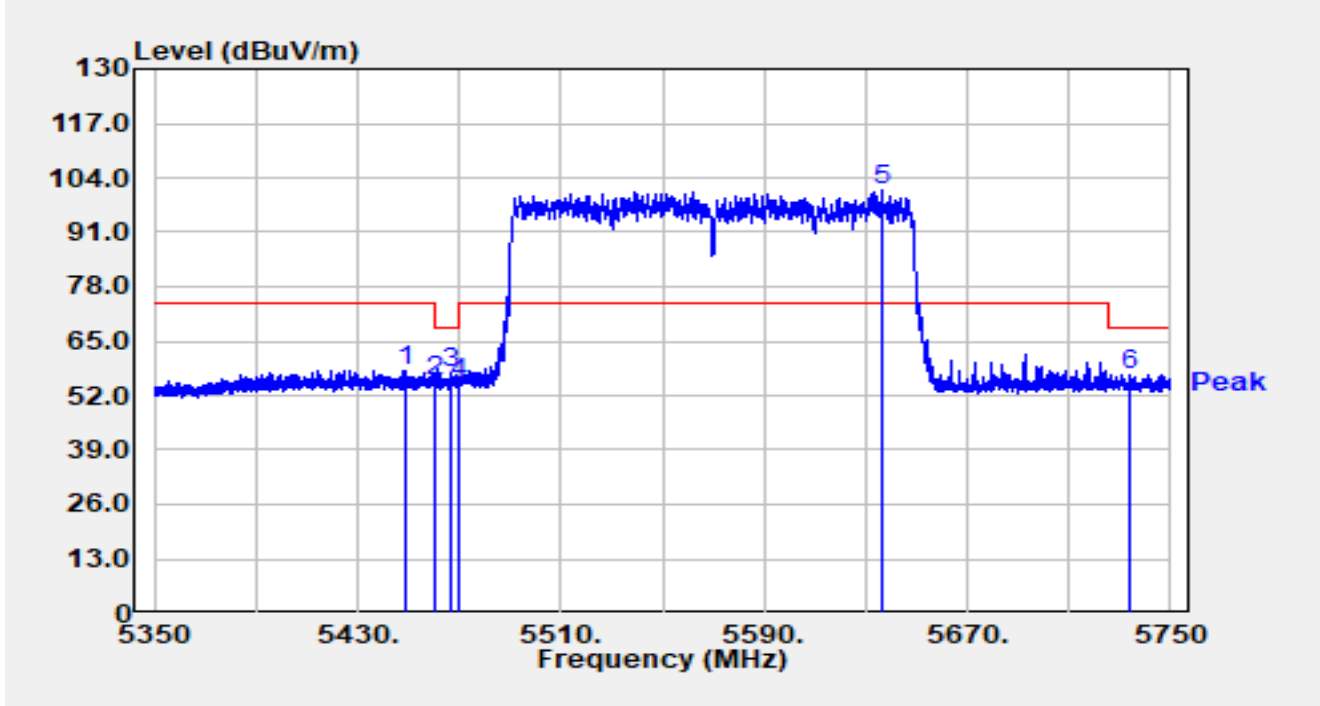


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5425.880	27.58	19.82	47.39	-6.61	54.00	Average
2		5460.000	26.07	19.74	45.81	-8.19	54.00	Average
3	*	5547.920	68.06	20.04	88.10	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		

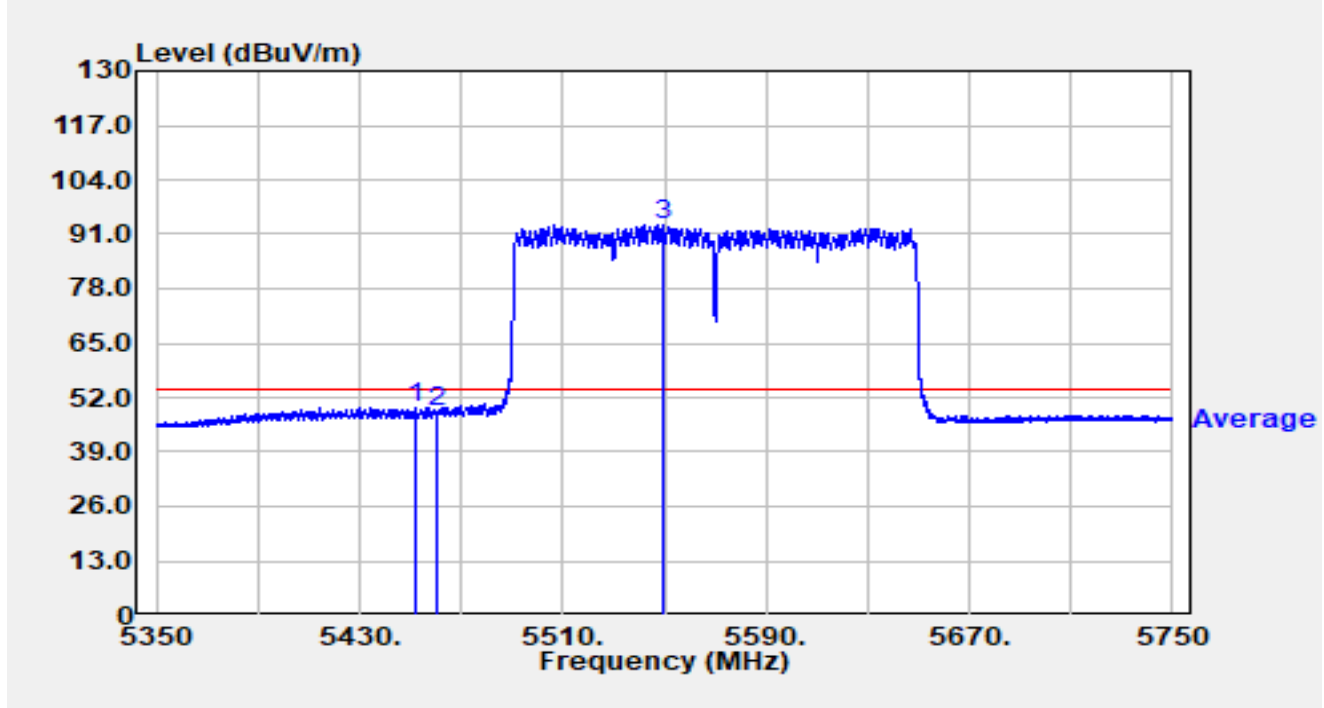


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5449.080	38.41	19.65	58.06	-15.94	74.00	Peak
2		5460.000	35.72	19.74	55.47	-12.73	68.20	Peak
3		5467.080	37.71	19.87	57.58	-10.62	68.20	Peak
4		5470.000	34.80	19.92	54.72	-13.48	68.20	Peak
5	*	5636.560	80.28	20.64	100.93	N/A	N/A	Peak
6		5733.840	35.81	21.16	56.98	-11.22	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT160 at 5570MHz		



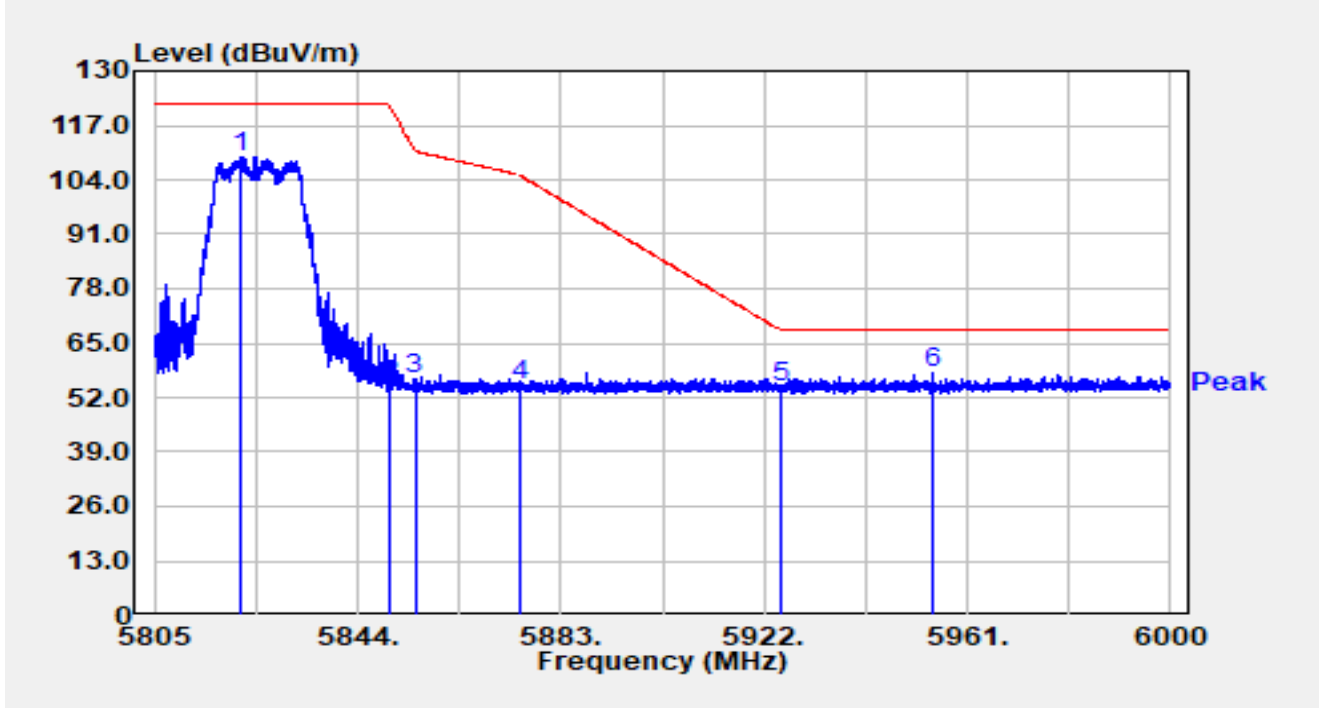
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5451.880	29.96	19.64	49.60	-4.40	54.00	Average
2		5460.000	28.68	19.74	48.42	-5.58	54.00	Average
3	*	5549.280	73.02	20.06	93.07	N/A	N/A	Average

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

5G_HB (B8394) Filter

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		

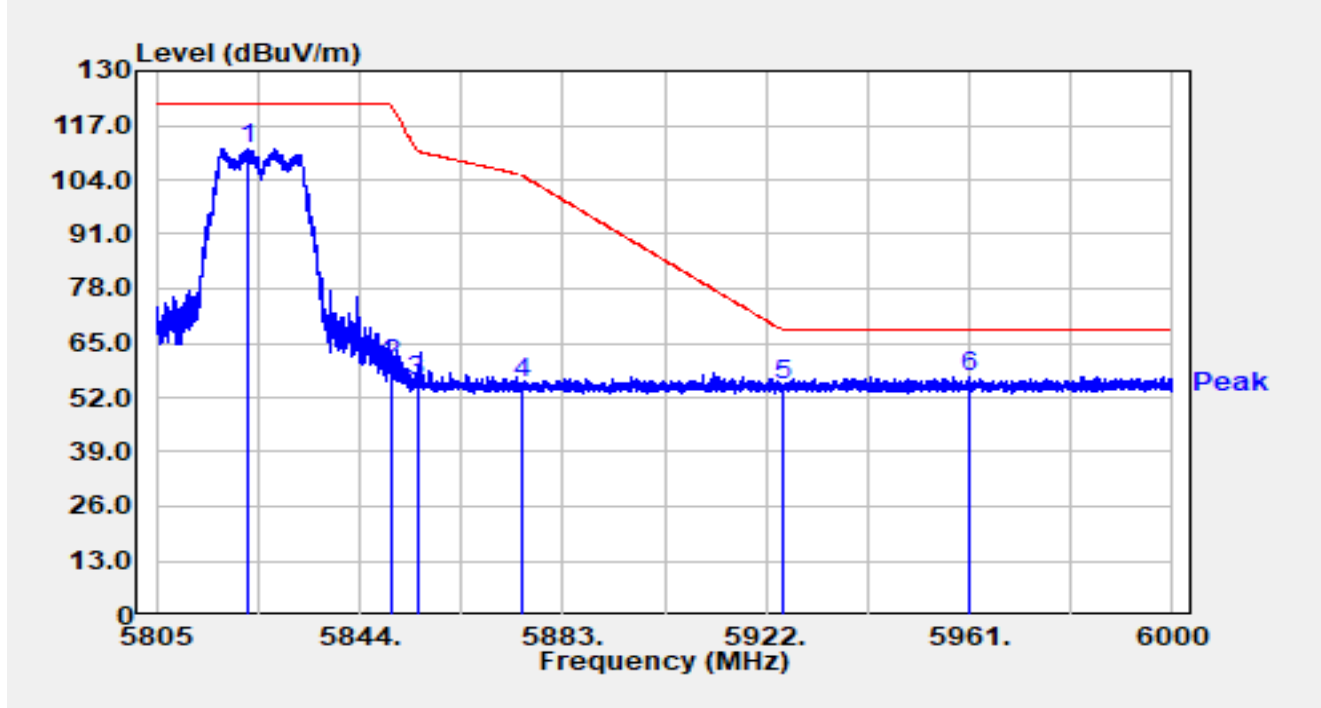


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5821.380	88.22	21.40	109.62	N/A	N/A	Peak
2		5850.006	33.50	21.49	54.99	-67.19	122.19	Peak
3		5855.000	34.78	21.54	56.31	-54.49	110.80	Peak
4		5875.000	33.10	21.60	54.70	-50.50	105.20	Peak
5		5925.000	32.91	21.59	54.50	-13.70	68.20	Peak
6	*	5954.272	36.21	21.65	57.85	-10.35	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		

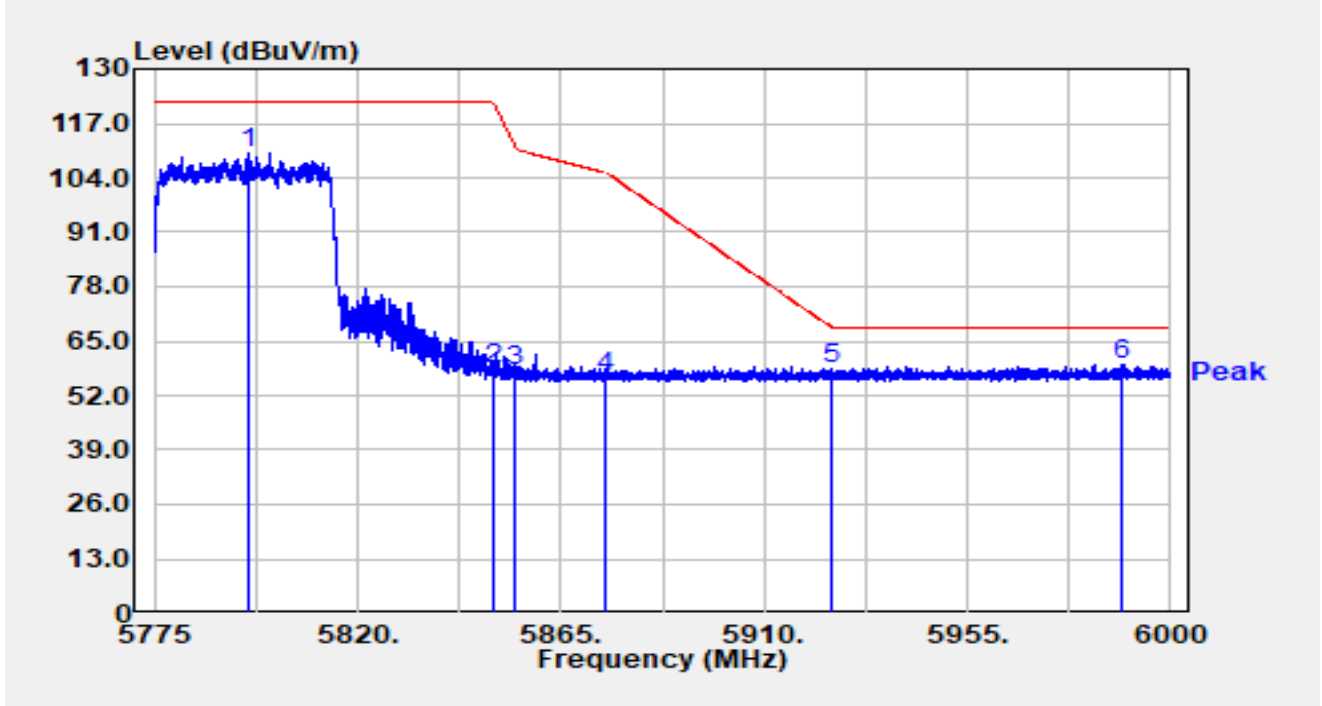


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5822.765	89.94	21.39	111.33	N/A	N/A	Peak
2		5850.000	38.25	21.49	59.74	-62.46	122.20	Peak
3		5855.000	34.16	21.54	55.70	-55.10	110.80	Peak
4		5875.000	33.65	21.60	55.24	-49.96	105.20	Peak
5		5925.000	33.43	21.59	55.03	-13.17	68.20	Peak
6		5961.156	35.40	21.64	57.04	-11.16	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

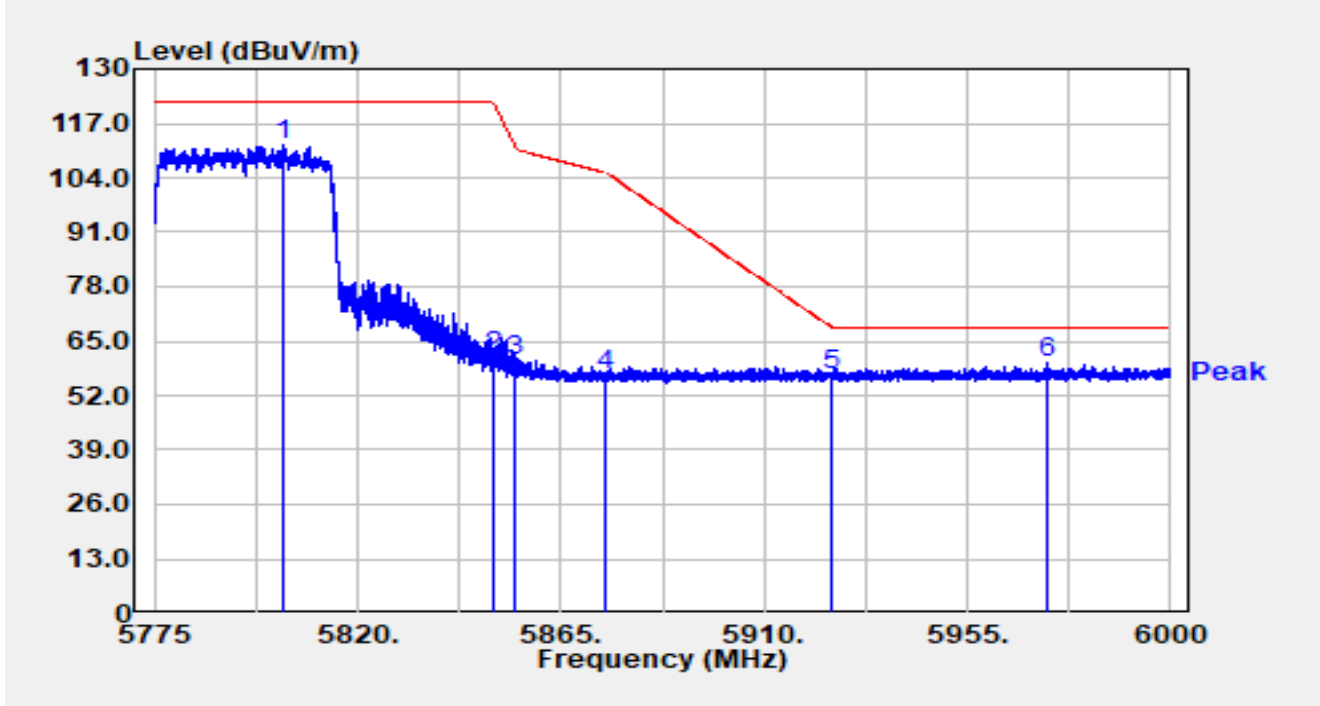


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5796.083	88.23	21.51	109.74	N/A	N/A	Peak
2		5850.000	36.77	21.49	58.25	-63.95	122.20	Peak
3		5855.000	36.56	21.54	58.10	-52.70	110.80	Peak
4		5875.000	34.75	21.60	56.35	-48.85	105.20	Peak
5		5925.000	36.77	21.59	58.36	-9.84	68.20	Peak
6	*	5989.447	37.52	21.67	59.19	-9.01	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-22
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT40 at 5795MHz		

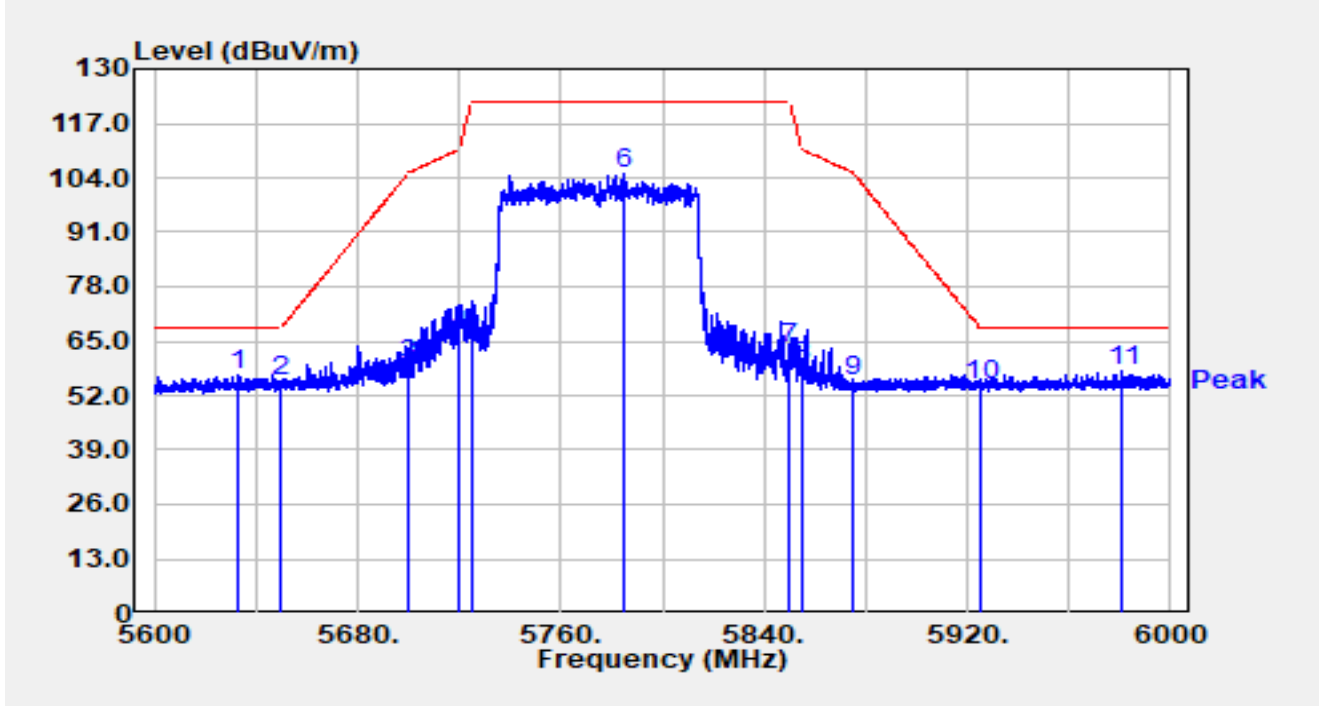


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5803.643	90.14	21.50	111.64	N/A	N/A	Peak
2		5850.000	39.92	21.49	61.41	-60.79	122.20	Peak
3		5855.000	38.65	21.54	60.19	-50.61	110.80	Peak
4		5875.000	35.41	21.60	57.00	-48.20	105.20	Peak
5		5925.000	35.21	21.59	56.80	-11.40	68.20	Peak
6	*	5972.775	38.00	21.65	59.65	-8.55	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)+ 16dB Attenuation (dB) -AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Horizontal
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5633.360	36.26	20.61	56.88	-11.32	68.20	Peak
2		5650.000	34.78	20.60	55.37	-12.83	68.20	Peak
3		5700.000	38.39	20.96	59.36	-45.84	105.20	Peak
4		5720.000	45.23	21.20	66.42	-44.38	110.80	Peak
5		5725.000	42.94	21.24	64.18	-58.02	122.20	Peak
6		5784.680	83.74	21.42	105.16	N/A	N/A	Peak
7		5850.000	41.77	21.49	63.26	-58.94	122.20	Peak
8		5855.000	37.10	21.54	58.64	-52.16	110.80	Peak
9		5875.000	33.63	21.60	55.23	-49.97	105.20	Peak
10		5925.000	33.09	21.59	54.68	-13.52	68.20	Peak
11	*	5981.200	36.09	21.63	57.72	-10.48	68.20	Peak

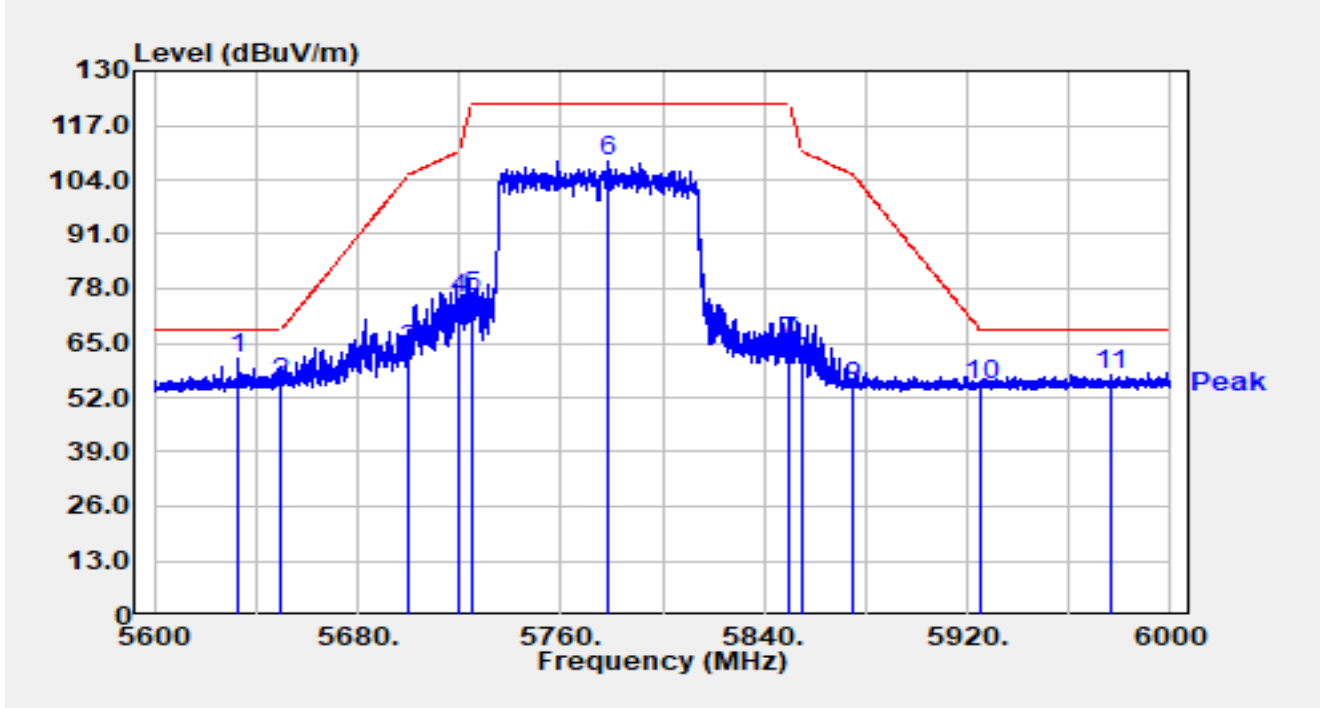
Notes:

1. " *", means this data is the worst emission level.

2. $C.F (dB/m) = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 16dB \text{ Attenuation (dB)} - AMP (dB).$

3. $\text{Measurement}(dB\mu V/m) = \text{Reading}(dB\mu V) + C.F (dB/m).$

Site	WZ-AC2	Test Date	2024-10-23
Temperature	23.7°C	Humidity	40.7%
Limit	FCC_Part 15.407_Band Edge(3m)	Test Engineer	Bob Zhang
Factor	BBHA 9120D_1457_1-18GHz	Polarity	Vertical
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11be-EHT80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5633.280	40.49	20.61	61.11	-7.09	68.20	Peak
2		5650.000	34.86	20.60	55.45	-12.75	68.20	Peak
3		5700.000	42.50	20.96	63.46	-41.74	105.20	Peak
4		5720.000	54.16	21.20	75.36	-35.44	110.80	Peak
5		5725.000	54.70	21.24	75.94	-46.26	122.20	Peak
6		5778.760	87.12	21.36	108.49	N/A	N/A	Peak
7		5850.000	43.91	21.49	65.40	-56.80	122.20	Peak
8		5855.000	38.96	21.54	60.50	-50.30	110.80	Peak
9		5875.000	32.91	21.60	54.51	-50.69	105.20	Peak
10		5925.000	33.37	21.59	54.96	-13.24	68.20	Peak
11		5976.440	35.70	21.65	57.35	-10.85	68.20	Peak

Notes:

1. " *", means this data is the worst emission level.

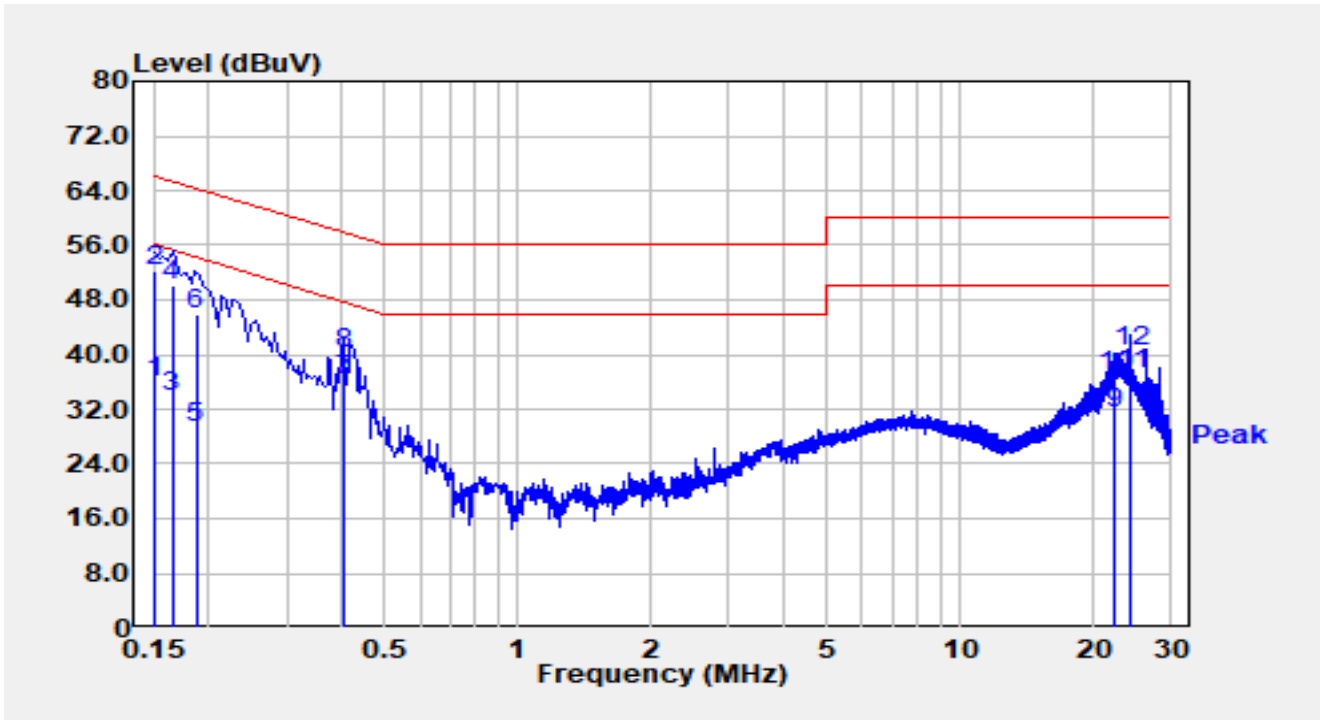
2. $C.F (dB/m) = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 16dB \text{ Attenuation (dB)} - AMP (dB)$.

3. $\text{Measurement}(dB\mu V/m) = \text{Reading}(dB\mu V) + C.F (dB/m)$.

A.9 AC Conducted Emissions Test Result

Refer to MRT report No. 2311RSU031-U4 clause A.9.

Site	WZ-SR2	Test Date	2024-10-31
Test Engineer	Linda Wei	Temp./Humidity	22.8°C/61.1%
Factor	ENV216_101683_L1_Filter Off_C	Polarity	Line
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		



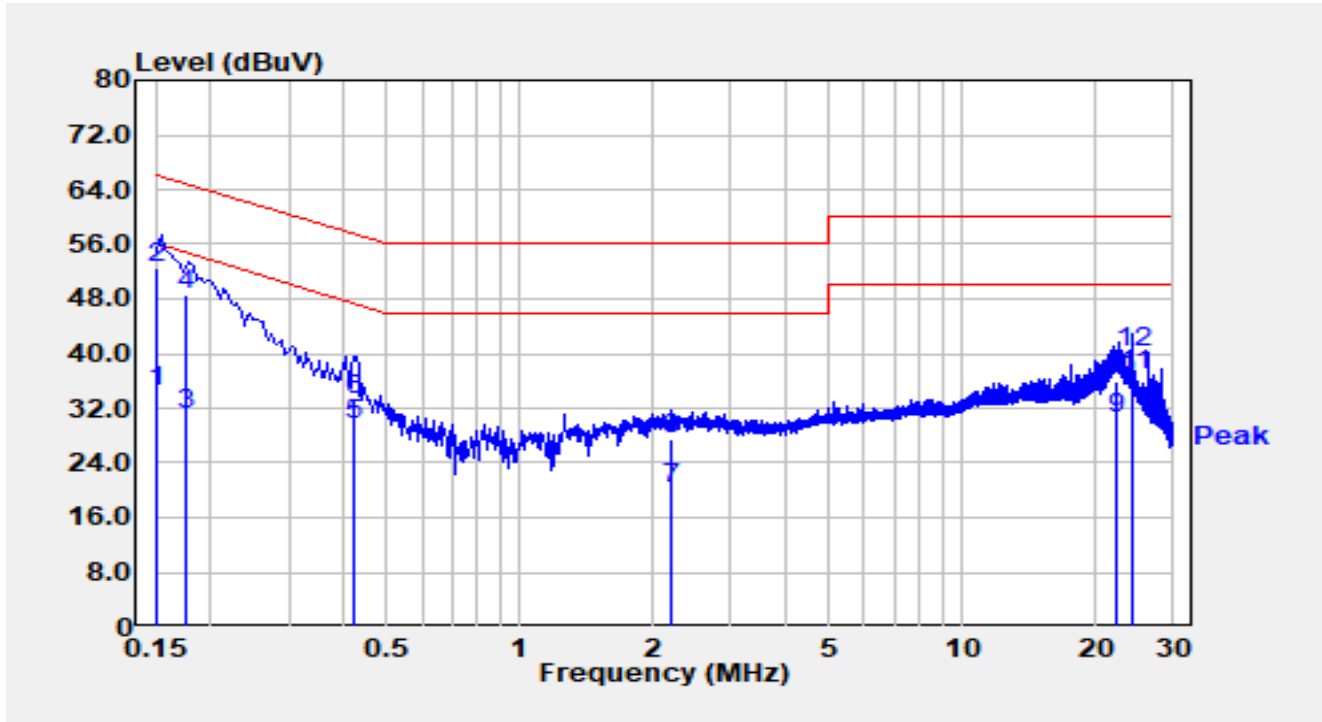
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.151	26.10	9.82	35.92	-20.03	55.94	Average
2		0.151	42.40	9.82	52.22	-13.73	65.94	QP
3		0.165	24.10	9.82	33.92	-21.29	55.21	Average
4		0.165	40.20	9.82	50.02	-15.19	65.21	QP
5		0.187	19.60	9.82	29.42	-24.75	54.17	Average
6		0.187	36.00	9.82	45.82	-18.35	64.17	QP
7	*	0.402	26.30	9.89	36.19	-11.63	47.81	Average
8		0.402	30.20	9.89	40.09	-17.73	57.81	QP
9		22.330	20.50	10.95	31.45	-18.55	50.00	Average
10		22.330	25.80	10.95	36.75	-23.25	60.00	QP
11		24.370	26.30	10.88	37.18	-12.82	50.00	Average
12		24.370	29.60	10.88	40.48	-19.52	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.

2. $C.F (dB) = LISN \text{ Factor } (dB) + \text{Cable Loss } (dB)$.
3. $\text{Measurement } (dB\mu V) = \text{Reading } (dB\mu V) + C.F (dB)$.

Site	WZ-SR2	Test Date	2024-10-31
Test Engineer	Linda Wei	Temp./Humidity	22.8°C/61.1%
Factor	ENV216_101683_N_Filter Off_C	Polarity	Neutral
EUT	ACCESS POINT	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11a at 5825MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.151	24.40	10.13	34.53	-21.41	55.94	Average
2		0.151	42.50	10.13	52.63	-13.31	65.94	QP
3		0.175	21.00	10.12	31.12	-23.60	54.72	Average
4		0.175	38.60	10.12	48.72	-16.00	64.72	QP
5		0.422	19.40	10.14	29.54	-17.87	47.41	Average
6		0.422	23.20	10.14	33.34	-24.07	57.41	QP
7		2.200	9.90	10.39	20.29	-25.71	46.00	Average
8		2.200	17.00	10.39	27.39	-28.61	56.00	QP
9		22.310	19.30	11.18	30.48	-19.53	50.00	Average
10		22.310	24.70	11.18	35.88	-24.13	60.00	QP
11	*	24.360	25.70	11.13	36.83	-13.17	50.00	Average
12		24.360	29.10	11.13	40.23	-19.77	60.00	QP

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dB μ V) = Reading (dB μ V) + C.F (dB).

Appendix B – Test Setup Photograph

Refer to “2409RSU050-UT” file.

Appendix C – EUT Photograph

Refer to “2409RSU050-UE” file.

The End
