Annex A
BLE Test Result
Model No.: APEX0674

1. Duty Cycle Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-08-09		

Test Mode	Duty Cycle
BLE - 1Mbps	16.46%
BLE - 2Mbps	9.83%

Duty Cycle (T = Transmission Duration)	
BLE - 1Mbps (T = 102.7μs)	BLE - 2Mbps (T = 61.33μs)

2. 6dB Bandwidth Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-08-09		

Test Mode	Data Rate	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
BLE	1Mbps	00	2402	0.6925	≥ 0.5
BLE	1Mbps	19	2440	0.6934	≥ 0.5
BLE	1Mbps	39	2480	0.6946	≥ 0.5
BLE	2Mbps	00	2402	1.179	≥ 0.5
BLE	2Mbps	19	2440	1.180	≥ 0.5
BLE	2Mbps	39	2480	1.182	≥ 0.5

BLE - 1Mbps 6dB Bandwidth	
Channel 00 (2402MHz)	Channel 19 (2440MHz)
Channel 39 (2480MHz)	
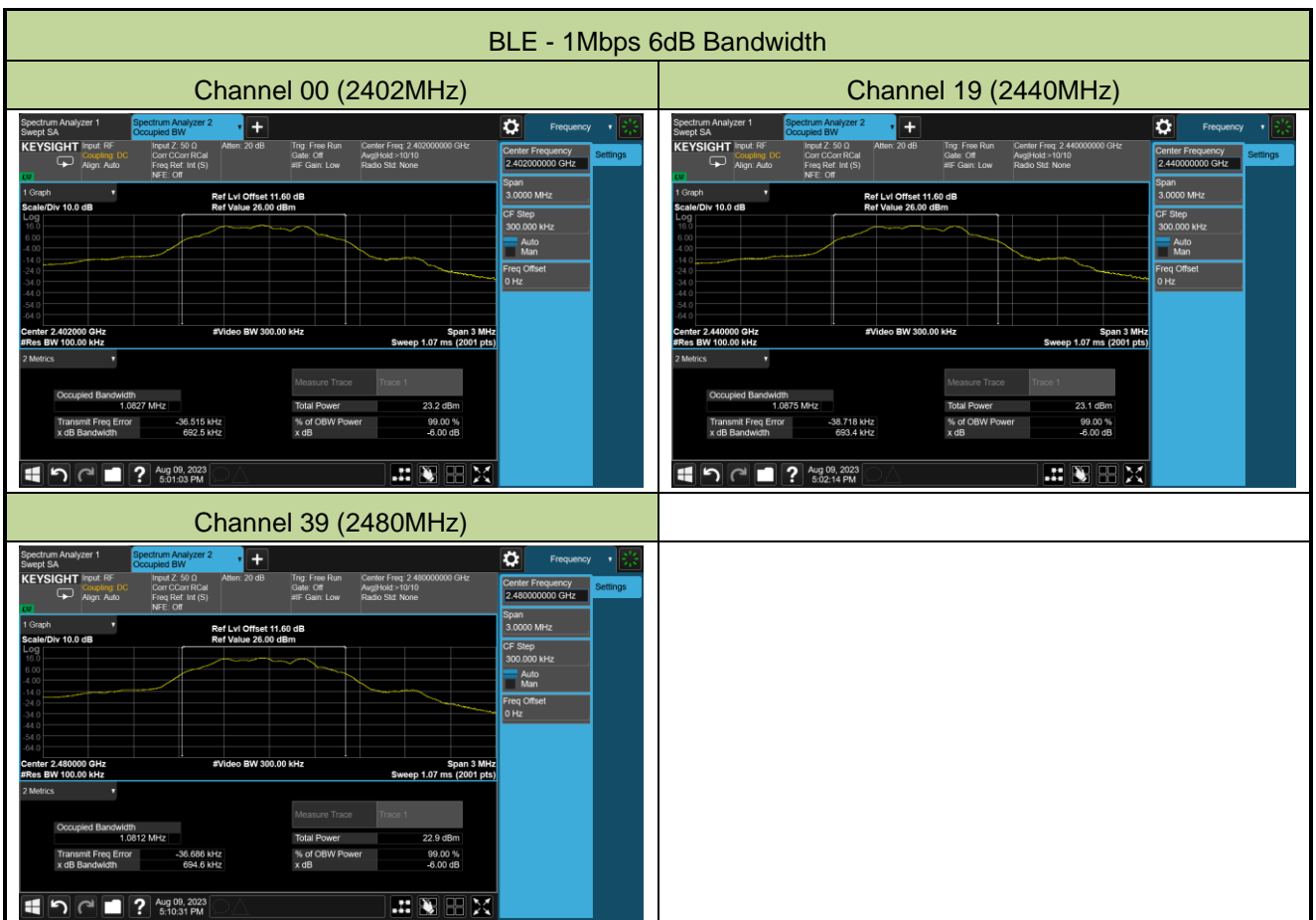
BLE - 2Mbps 6dB Bandwidth	
Channel 00 (2402MHz)	Channel 19 (2440MHz)
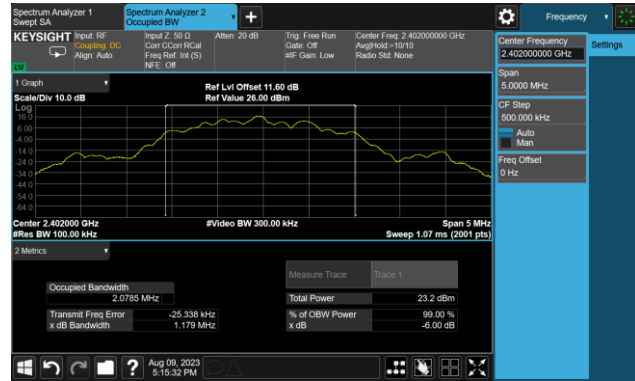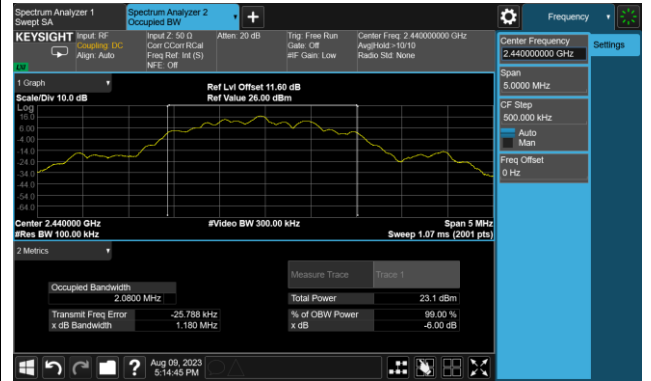
Channel 39 (2480MHz)	
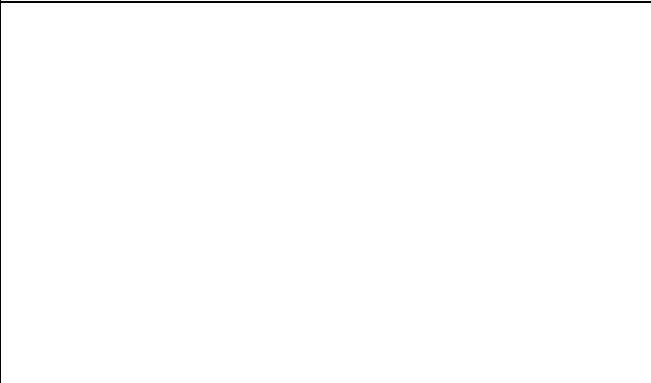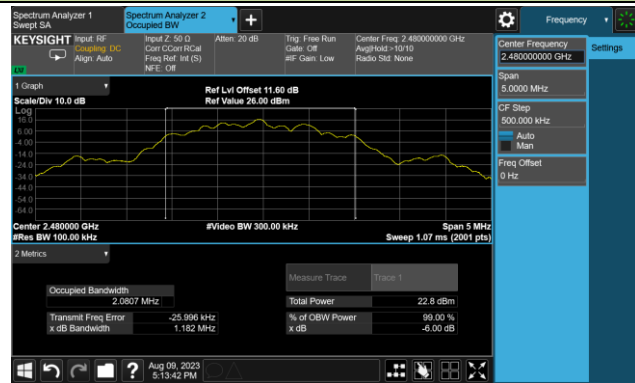
3. Output Power Measurement Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-19	Filter Configuration	Filter 4#

Test Result of Peak Output Power

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	7.72	≤ 30.00	Pass
BLE	1Mbps	19	2440	7.02	≤ 30.00	Pass
BLE	1Mbps	39	2480	6.44	≤ 30.00	Pass
BLE	2Mbps	00	2402	3.97	≤ 30.00	Pass
BLE	2Mbps	19	2440	3.35	≤ 30.00	Pass
BLE	2Mbps	39	2480	2.68	≤ 30.00	Pass

Test Result of Average Output Power (Reporting Only)

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	7.61	≤ 30.00	Pass
BLE	1Mbps	19	2440	6.89	≤ 30.00	Pass
BLE	1Mbps	39	2480	6.34	≤ 30.00	Pass
BLE	2Mbps	00	2402	1.74	≤ 30.00	Pass
BLE	2Mbps	19	2440	1.06	≤ 30.00	Pass
BLE	2Mbps	39	2480	0.41	≤ 30.00	Pass

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-19	Filter Configuration	Filter 5#

Test Result of Peak Output Power

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	4.87	≤ 30.00	Pass
BLE	2Mbps	00	2402	0.62	≤ 30.00	Pass

Test Result of Average Output Power (Reporting Only)

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	00	2402	4.72	≤ 30.00	Pass
BLE	2Mbps	00	2402	-1.83	≤ 30.00	Pass

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-19	Filter Configuration	Filter 6#

Test Result of Peak Output Power

| Test Mode	Data Rate	Channel No.	Frequency (MHz)	Peak Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	39	2480	3.65	≤ 30.00	Pass
BLE	2Mbps	39	2480	-0.44	≤ 30.00	Pass

Test Result of Average Output Power (Reporting Only)

Test Mode	Data Rate	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)	Result
BLE	1Mbps	39	2480	3.35	≤ 30.00	Pass
BLE	2Mbps	39	2480	-2.91	≤ 30.00	Pass

4. Power Spectral Density Measurement Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-27		

Test Mode	Data Rate	Channel No.	Frequency (MHz)	PSD Result (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
BLE	1Mbps	00	2402	-9.97	≤ 8.00	Pass
BLE	1Mbps	19	2440	-10.56	≤ 8.00	Pass
BLE	1Mbps	39	2480	-11.51	≤ 8.00	Pass
BLE	2Mbps	00	2402	-16.61	≤ 8.00	Pass
BLE	2Mbps	19	2440	-16.03	≤ 8.00	Pass
BLE	2Mbps	39	2480	-177.40	≤ 8.00	Pass

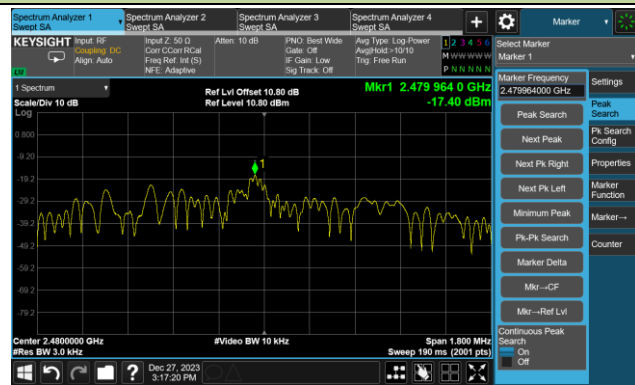| BLE - 1Mbps PSD	
Channel 00 (2402MHz)	Channel 19 (2440MHz)
Channel 39 (2480MHz)	
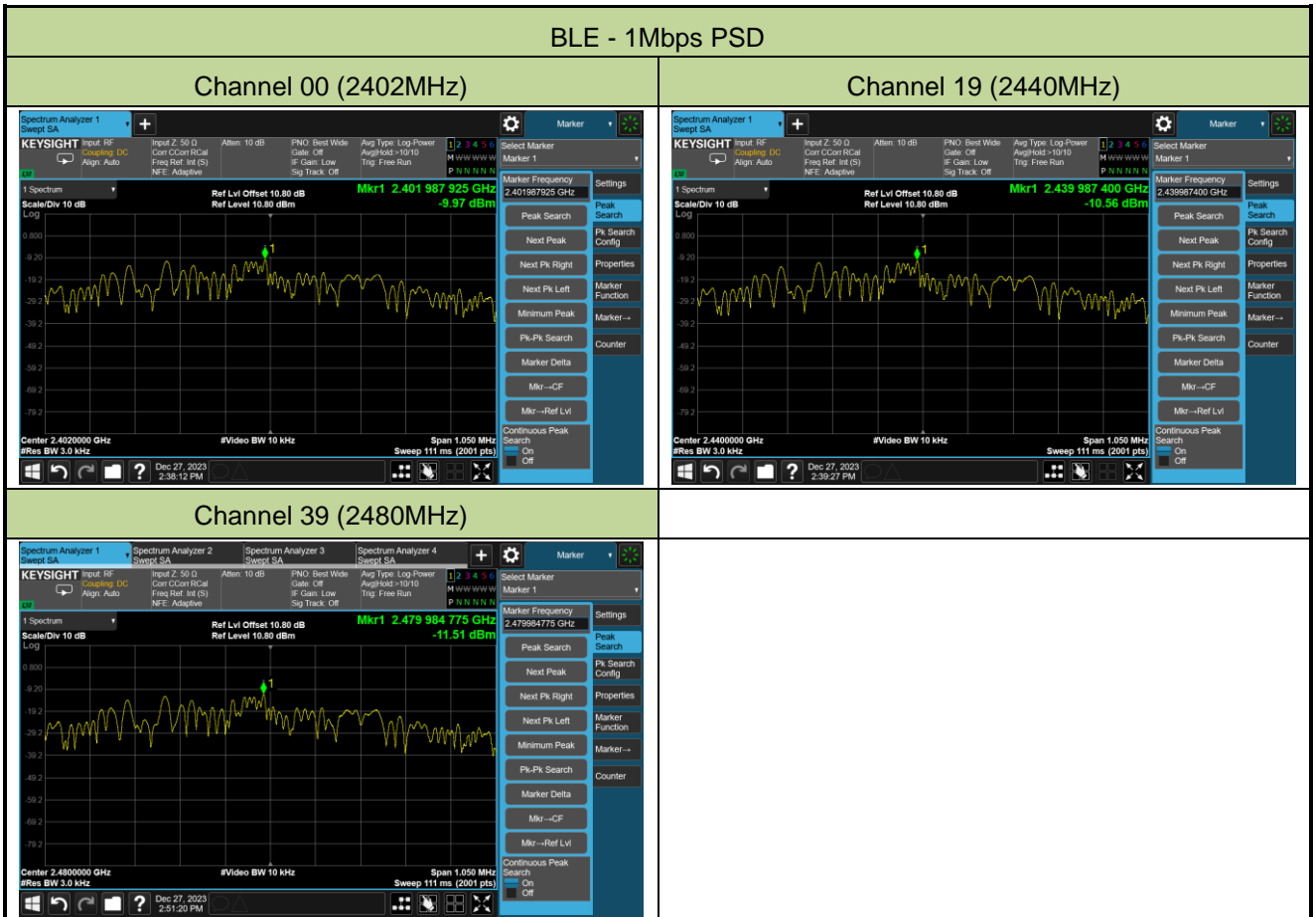
BLE - 2Mbps PSD

Channel 00 (2402MHz)
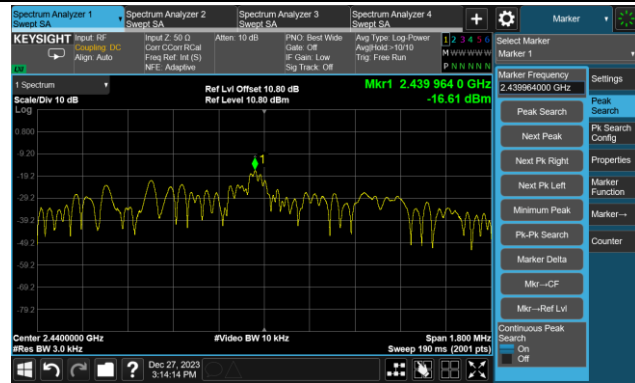
Channel 19 (2440MHz)

Channel 39 (2480MHz)

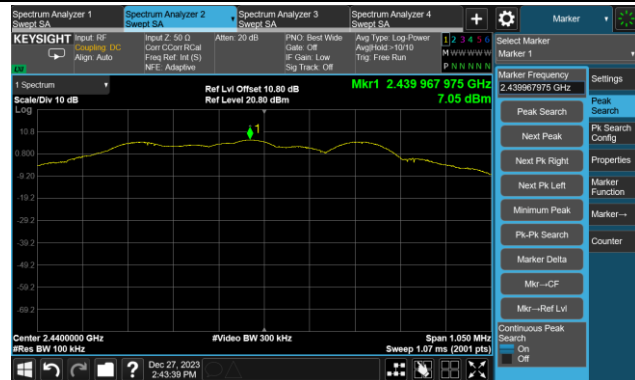## 5. Conducted Band Edge and Out-of-Band Emissions Test Result

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-27	Filter Configuration	Filter 4#

Test Mode	Data Rate / Mbps	Channel No.	Frequency (MHz)	Limit (dBc)	Result
BLE	1	00	2402	20	Pass
BLE	1	19	2440	20	Pass
BLE	1	39	2480	20	Pass
BLE	2	00	2402	20	Pass
BLE	2	19	2440	20	Pass
BLE	2	39	2480	20	Pass

BLE - 1Mbps Out-of-Band Emissions
Channel 00 (2402MHz)

100kHz PSD Reference Level	Low Band Edge

Spurious Emission 30MHz ~ 25GHz	

Channel 19 (2440MHz)	
100kHz PSD Reference Level	**Spurious Emission 30MHz ~ 25GHz**

Channel 39 (2480MHz)	
100kHz PSD Reference Level	**High Band Edge**
Spurious Emission 30MHz ~ 25GHz	

BLE - 2Mbps Out-of-Band Emissions

Channel 00 (2402MHz)

100kHz PSD Reference Level	Low Band Edge
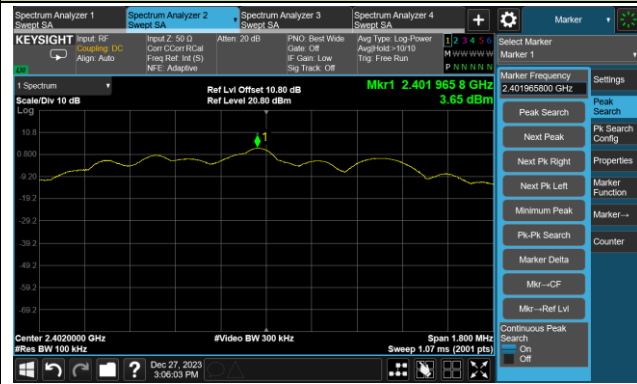
Spurious Emission 30MHz ~ 25GHz	
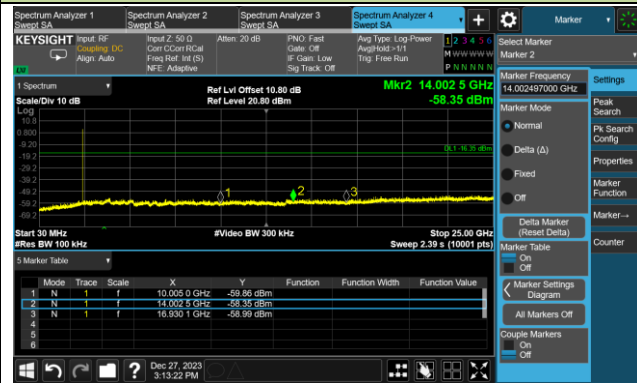
Channel 19 (2440MHz)

100kHz PSD Reference Level	Spurious Emission 30MHz ~ 25GHz
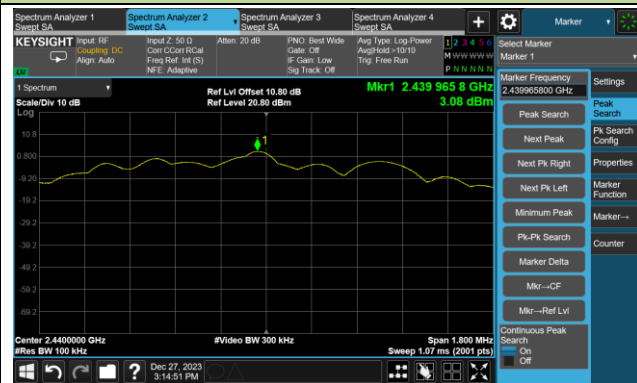
Channel 39 (2480MHz)	
100kHz PSD Reference Level	**High Band Edge**
Spurious Emission 30MHz ~ 25GHz	

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-27	Filter Configuration	Filter 5#

Test Mode	Data Rate / Mbps	Channel No.	Frequency (MHz)	Limit (dBc)	Result
BLE	1	00	2402	20	Pass
BLE	2	00	2402	20	Pass

BLE - 1Mbps Out-of-Band Emissions
Channel 00 (2402MHz)

100kHz PSD Reference Level	Low Band Edge

Spurious Emission 30MHz ~ 25GHz	

BLE - 2Mbps Out-of-Band Emissions

Channel 00 (2402MHz)

100kHz PSD Reference Level	Low Band Edge

Spurious Emission 30MHz ~ 25GHz	

Test Site	WZ-SR5	Test Engineer	Lynn Yang
Test Date	2023-12-27	Filter Configuration	Filter 6#

Test Mode	Data Rate / Mbps	Channel No.	Frequency (MHz)	Limit (dBc)	Result
BLE	1	39	2480	20	Pass
BLE	2	39	2480	20	Pass

BLE - 1Mbps Out-of-Band Emissions
Channel 39 (2480MHz)

100kHz PSD Reference Level	High Band Edge
Spurious Emission 30MHz ~ 25GHz	

BLE - 2Mbps Out-of-Band Emissions
Channel 39 (2480MHz)

100kHz PSD Reference Level	High Band Edge

Spurious Emission 30MHz ~ 25GHz	

6. Radiated Spurious Emission Measurement Test Result

Filter 4#

Test Site	WZ-AC1	Test Engineer	Ajin Fan
Test Date	2023-12-18	Test Mode	BLE - 1Mbps
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.		

Test Channel	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
00	7545.0	36.7	8.6	45.3	74.0	-28.7	Peak	Horizontal
	8446.0	36.1	9.0	45.1	74.0	-28.9	Peak	Horizontal
	11404.0	36.1	13.5	49.6	74.0	-24.4	Peak	Horizontal
	7451.5	36.9	8.6	45.5	74.0	-28.5	Peak	Vertical
	8097.5	36.5	9.4	45.9	74.0	-28.1	Peak	Vertical
	11506.0	35.9	13.6	49.5	74.0	-24.5	Peak	Vertical
19	7298.5	37.5	8.4	45.9	74.0	-28.1	Peak	Horizontal
	8412.0	37.0	8.9	45.9	74.0	-28.1	Peak	Horizontal
	11438.0	35.2	13.7	48.9	74.0	-25.1	Peak	Horizontal
	7341.0	37.3	8.3	45.6	74.0	-28.4	Peak	Vertical
	8403.5	37.0	9.0	46.0	74.0	-28.0	Peak	Vertical
	11480.5	35.7	13.6	49.3	74.0	-24.7	Peak	Vertical
39	7528.0	37.1	8.4	45.5	74.0	-28.5	Peak	Horizontal
	8369.5	36.1	8.9	45.0	74.0	-29.0	Peak	Horizontal
	10800.5	35.1	14.1	49.2	74.0	-24.8	Peak	Horizontal
	7434.5	37.2	8.5	45.7	74.0	-28.3	Peak	Vertical
	8454.5	36.8	9.2	46.0	74.0	-28.0	Peak	Vertical
	11429.5	36.7	13.6	50.3	74.0	-23.7	Peak	Vertical

Note: 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-AC1		Test Engineer	Ajin Fan
Test Date	2023-12-18		Test Mode	BLE - 2Mbps
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.			

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	7494.0	36.9	8.6	45.5	74.0	-28.5	Peak	Horizontal
	8259.0	35.2	8.7	43.9	74.0	-30.1	Peak	Horizontal
	11599.5	36.3	13.2	49.5	74.0	-24.5	Peak	Horizontal
	7485.5	37.6	8.6	46.2	74.0	-27.8	Peak	Vertical
	8403.5	36.7	9.0	45.7	74.0	-28.3	Peak	Vertical
	11463.5	36.5	13.5	50.0	74.0	-24.0	Peak	Vertical
19	7375.0	36.4	8.6	45.0	74.0	-29.0	Peak	Horizontal
	8165.5	36.0	9.2	45.2	74.0	-28.8	Peak	Horizontal
	10996.0	34.8	14.4	49.2	74.0	-24.8	Peak	Horizontal
	7519.5	37.7	8.4	46.1	74.0	-27.9	Peak	Vertical
	8463.0	36.2	9.3	45.5	74.0	-28.5	Peak	Vertical
	11455.0	35.9	13.5	49.4	74.0	-24.6	Peak	Vertical
39	7400.5	35.2	8.5	43.7	74.0	-30.3	Peak	Horizontal
	8140.0	36.2	9.2	45.4	74.0	-28.6	Peak	Horizontal
	11582.5	36.1	13.2	49.3	74.0	-24.7	Peak	Horizontal
	7536.5	36.8	8.5	45.3	74.0	-28.7	Peak	Vertical
	8148.5	36.3	9.3	45.6	74.0	-28.4	Peak	Vertical
	11132.0	35.2	13.5	48.7	74.0	-25.3	Peak	Vertical

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

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

Filter 5#

Test Site	WZ-AC1		Test Engineer	Ajin Fan
Test Date	2023-12-18		Test Mode	BLE - 1Mbps
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.			

Test Channel	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
00	7392.0	36.9	8.5	45.4	74.0	-28.6	Peak	Horizontal
	8454.5	35.8	9.2	45.0	74.0	-29.0	Peak	Horizontal
	10945.0	34.5	14.1	48.6	74.0	-25.4	Peak	Horizontal
	7468.5	37.0	8.6	45.6	74.0	-28.4	Peak	Vertical
	8089.0	35.9	9.3	45.2	74.0	-28.8	Peak	Vertical
	11540.0	35.4	13.5	48.9	74.0	-25.1	Peak	Vertical

Note: 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-AC1		Test Engineer	Ajin Fan
Test Date	2023-12-18		Test Mode	BLE - 2Mbps
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.			

Test Channel	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
00	7358.0	36.1	8.5	44.6	74.0	-29.4	Peak	Horizontal
	8259.0	36.2	8.7	44.9	74.0	-29.1	Peak	Horizontal
	10758.0	36.2	13.9	50.1	74.0	-23.9	Peak	Horizontal
	7494.0	36.4	8.6	45.0	74.0	-29.0	Peak	Vertical
	8165.5	35.5	9.2	44.7	74.0	-29.3	Peak	Vertical
	10843.0	35.1	14.1	49.2	74.0	-24.8	Peak	Vertical
Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m) Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Filter 6#

Test Site	WZ-AC1	Test Engineer	Ajin Fan
Test Date	2023-12-18	Test Mode	BLE - 1Mbps
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
39	7485.5	35.8	8.6	44.4	74.0	-29.6	Peak	Horizontal
	8157.0	36.0	9.3	45.3	74.0	-28.7	Peak	Horizontal
	11140.5	35.2	13.7	48.9	74.0	-25.1	Peak	Horizontal
	7358.0	36.8	8.5	45.3	74.0	-28.7	Peak	Vertical
	8259.0	36.4	8.7	45.1	74.0	-28.9	Peak	Vertical
	11506.0	35.6	13.6	49.2	74.0	-24.8	Peak	Vertical

Note: 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-AC1		Test Engineer	Ajin Fan
Test Date	2023-12-18		Test Mode	BLE - 2Mbps
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.			

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
39	7494.0	36.4	8.6	45.0	74.0	-29.0	Peak	Horizontal
	8165.5	35.5	9.2	44.7	74.0	-29.3	Peak	Horizontal
	10843.0	35.1	14.1	49.2	74.0	-24.8	Peak	Horizontal
	7383.5	36.3	8.6	44.9	74.0	-29.1	Peak	Vertical
	8182.5	36.2	8.9	45.1	74.0	-28.9	Peak	Vertical
	11429.5	35.4	13.6	49.0	74.0	-25.0	Peak	Vertical

Note: 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 below 1GHz:

Site: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coaxial
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	
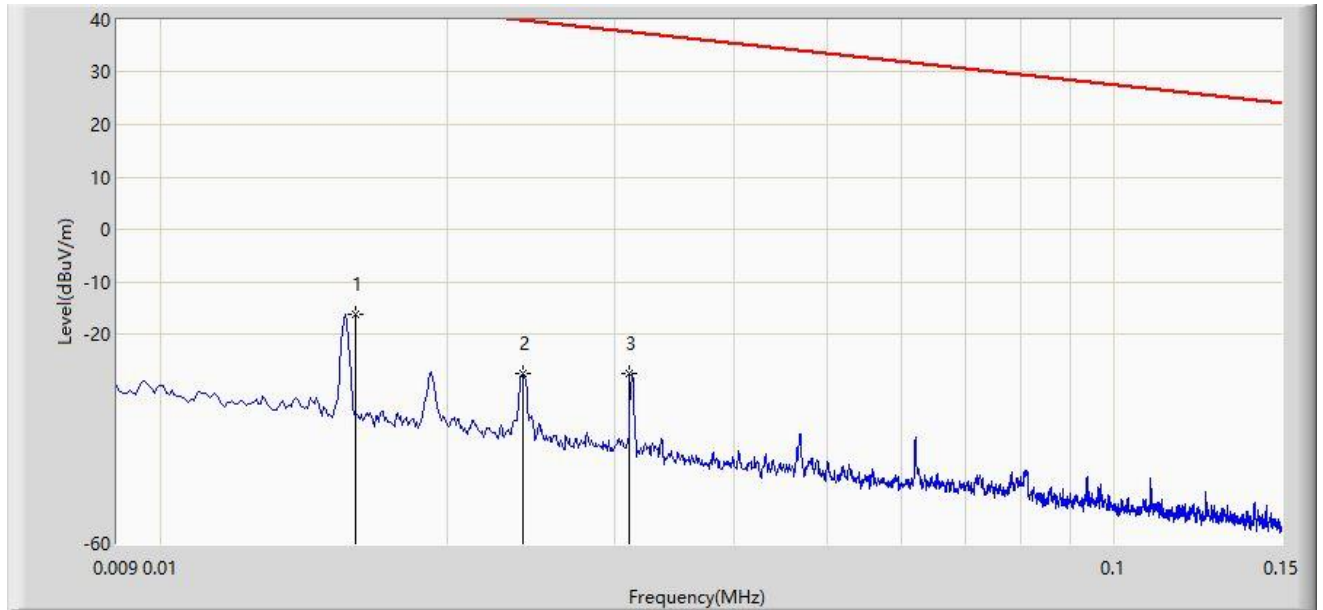
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	0.016	-16.149	63.815	-59.655	43.505	-79.964	PK
2		0.024	-27.406	52.556	-67.392	39.985	-79.962	PK
3		0.031	-27.452	52.509	-65.215	37.764	-79.961	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coaxial
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

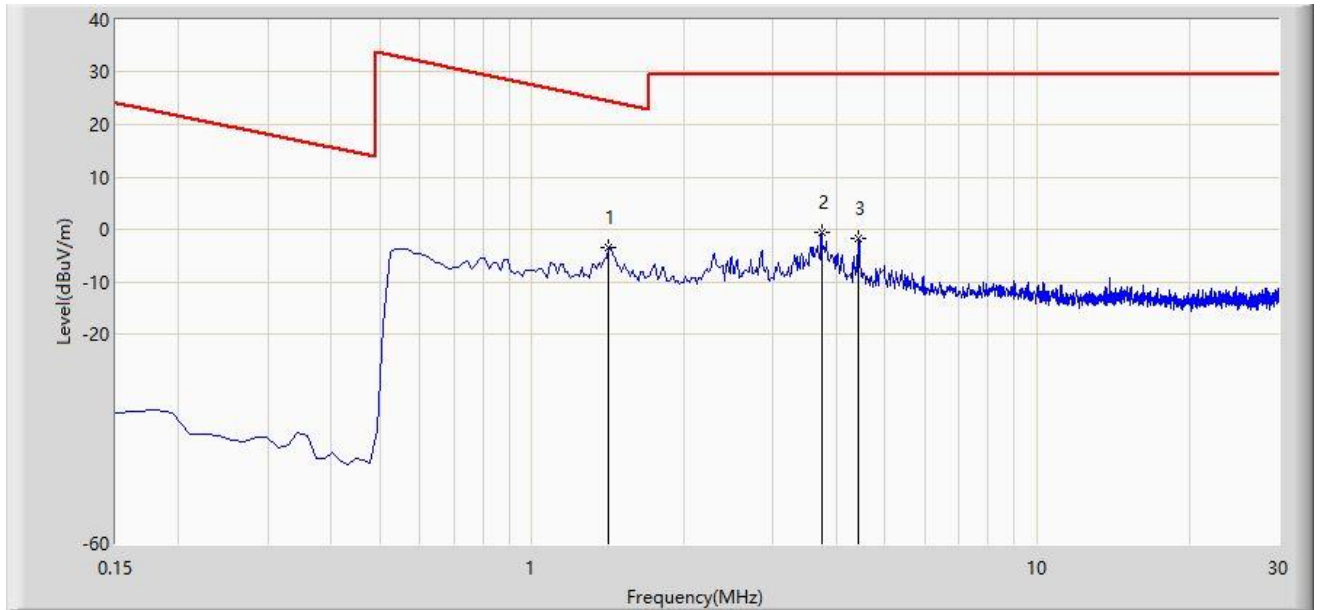| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	1.419	-3.427	36.370	-28.017	24.590	-39.797	PK
2		3.747	-0.692	39.068	-30.192	29.500	-39.760	PK
3		4.419	-1.768	37.972	-31.268	29.500	-39.740	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coplanar
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

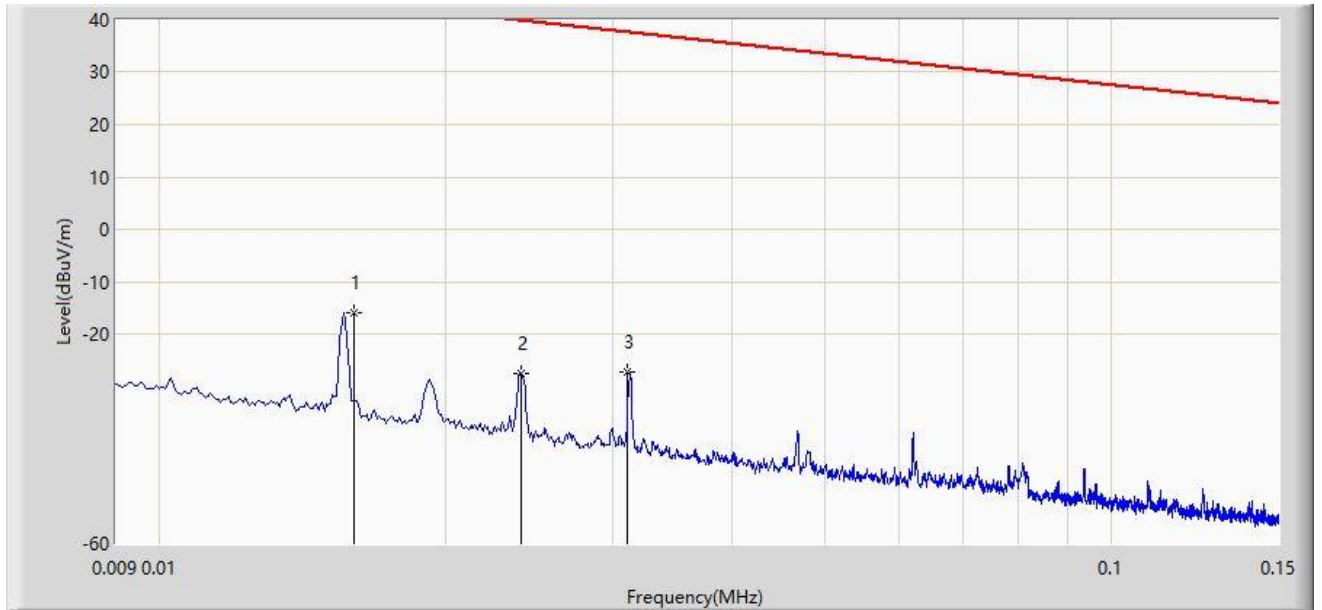| No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	0.016	-15.997	63.967	-59.503	43.505	-79.964	PK
2		0.024	-27.419	52.543	-67.405	39.985	-79.962	PK
3		0.031	-27.235	52.726	-64.998	37.764	-79.961	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site: WZ-AC1	Test Date: 2023-12-15
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: FMZB1519_0.009-30MHz	Polarity: Coplanar
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

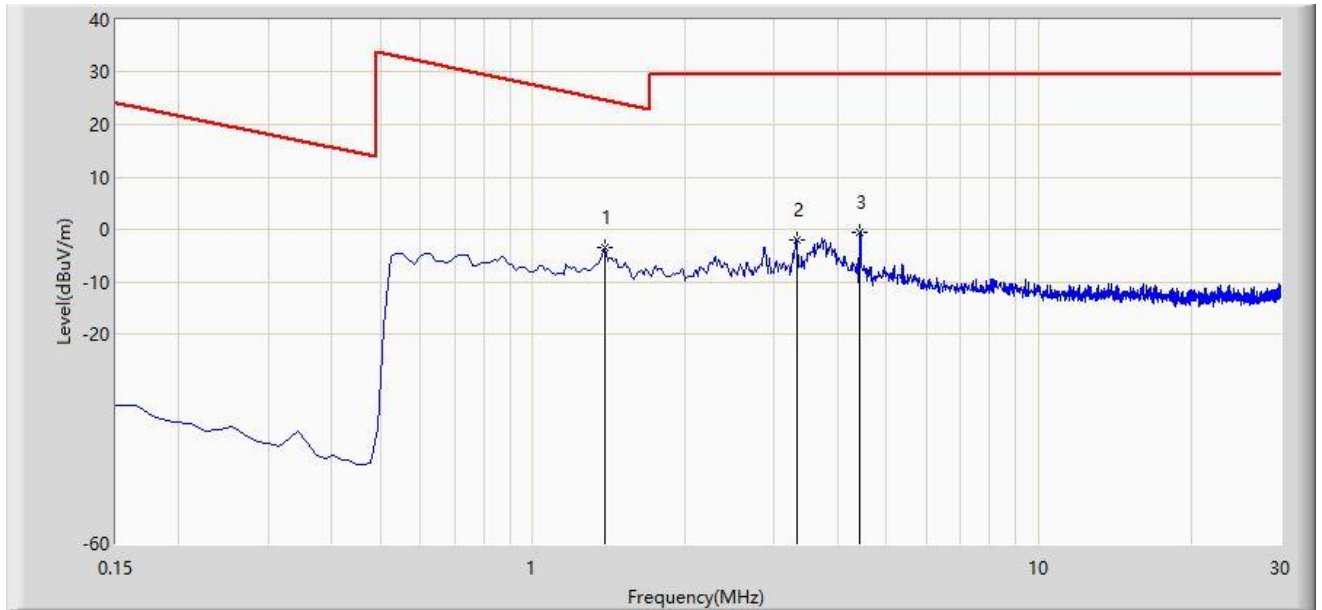| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	1.389	-3.512	36.286	-28.287	24.775	-39.798	PK
2		3.329	-1.921	37.852	-31.421	29.500	-39.773	PK
3		4.433	-0.508	39.231	-30.008	29.500	-39.739	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site: WZ-AC1	Test Date: 2023-12-26
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

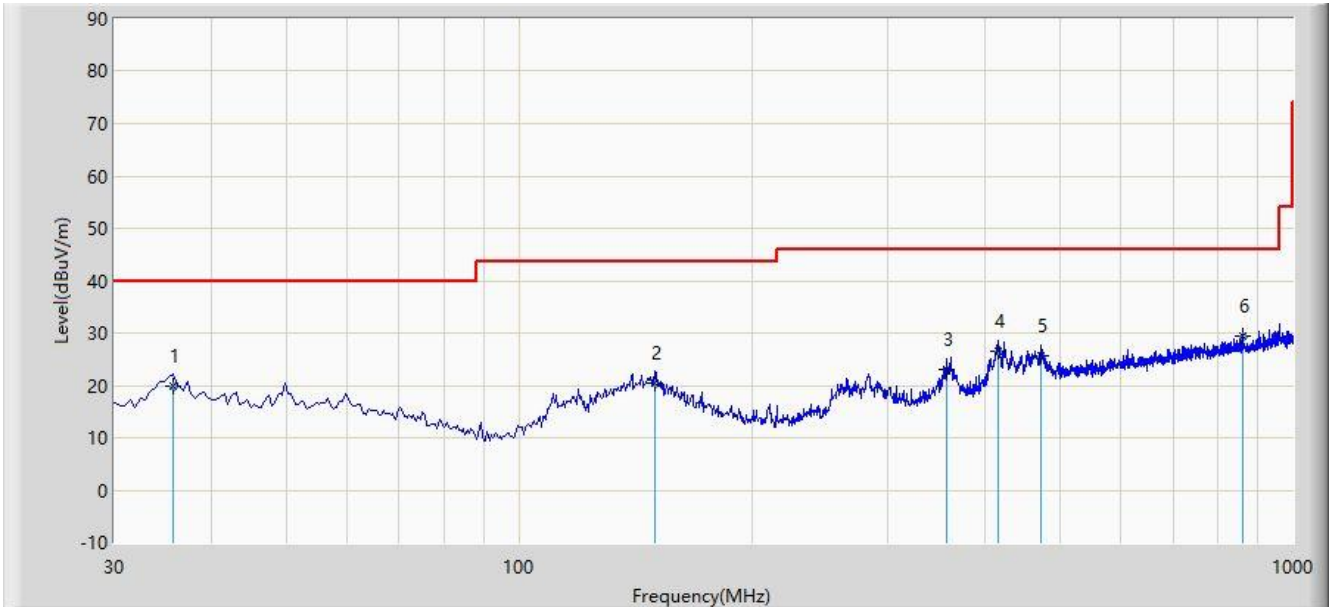| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		35.820	19.713	2.140	-20.287	40.000	17.573	QP
2		149.795	20.554	2.450	-22.946	43.500	18.104	QP
3		356.890	23.008	3.250	-22.992	46.000	19.758	QP
4		416.050	26.559	5.290	-19.441	46.000	21.269	QP
5		471.835	25.735	2.920	-20.265	46.000	22.816	QP
6	*	861.290	29.358	0.140	-16.642	46.000	29.218	QP

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: WZ-AC1	Test Date: 2023-12-26
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Carl Jiang
Probe: VULB 9168_25-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	35.770	32.768	15.200	-7.232	40.000	17.568	QP
2		49.885	29.312	10.730	-10.688	40.000	18.582	QP
3		132.350	23.849	6.770	-19.651	43.500	17.079	QP
4		416.060	25.559	4.290	-20.441	46.000	21.269	QP
5		589.205	26.228	1.040	-19.772	46.000	25.188	QP
6		774.960	28.324	0.210	-17.676	46.000	28.114	QP

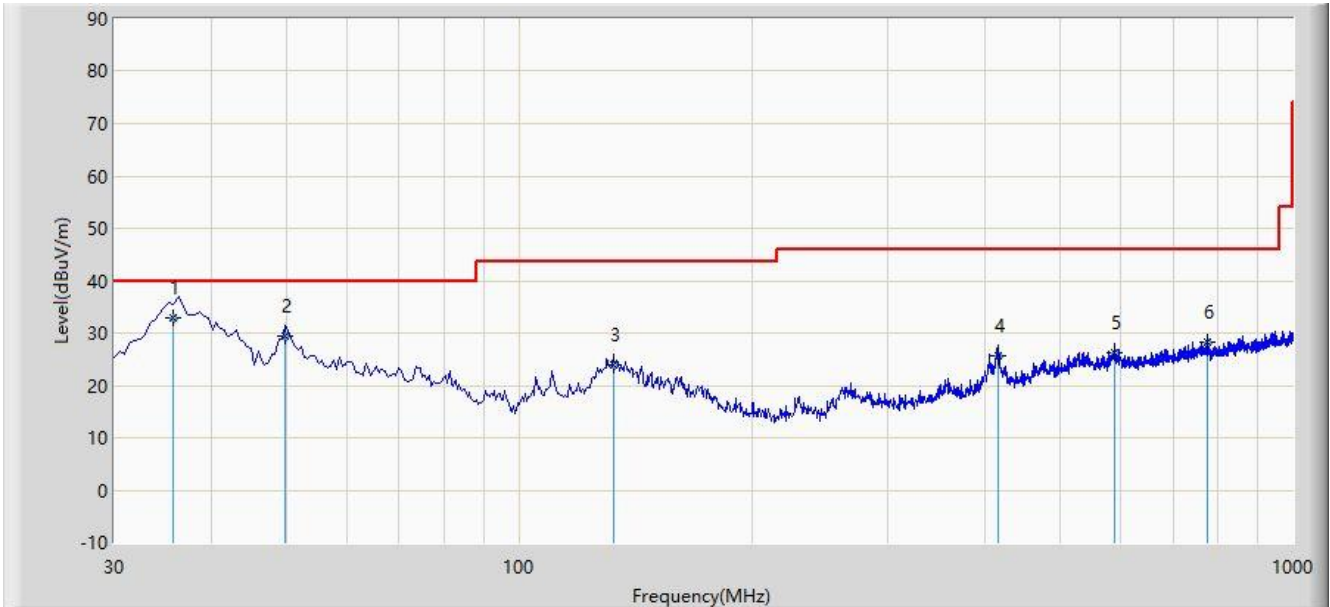Note 1: " * ", means this data is the worst emission level.

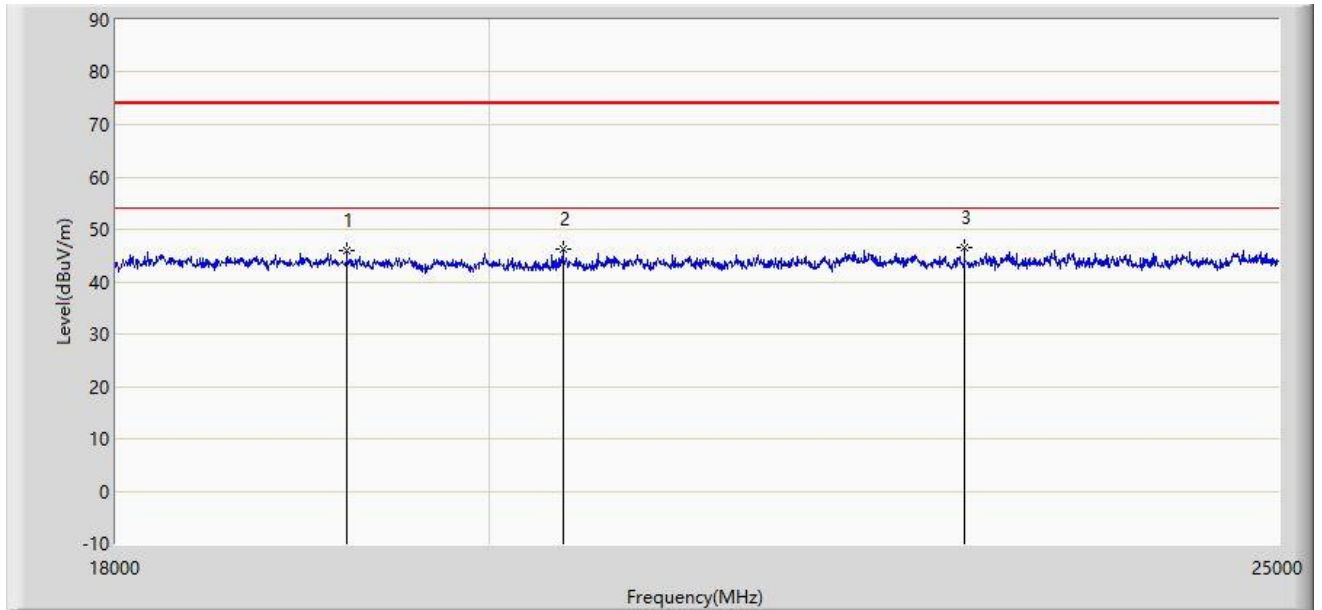Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: WZ-AC1	Test Date: 2023-09-23
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Ajin Fan
Probe: BBHA9170_993_18-40GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		19214.500	45.825	55.917	-28.175	74.000	-10.091	PK
2		20425.500	46.293	55.575	-27.707	74.000	-9.281	PK
3	*	22879.000	46.502	53.764	-27.498	74.000	-7.262	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

Site: WZ-AC1	Test Date: 2023-09-23
Limit: FCC_Part 15.209_RSE(3m)	Engineer: Ajin Fan
Probe: BBHA9170_993_18-40GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

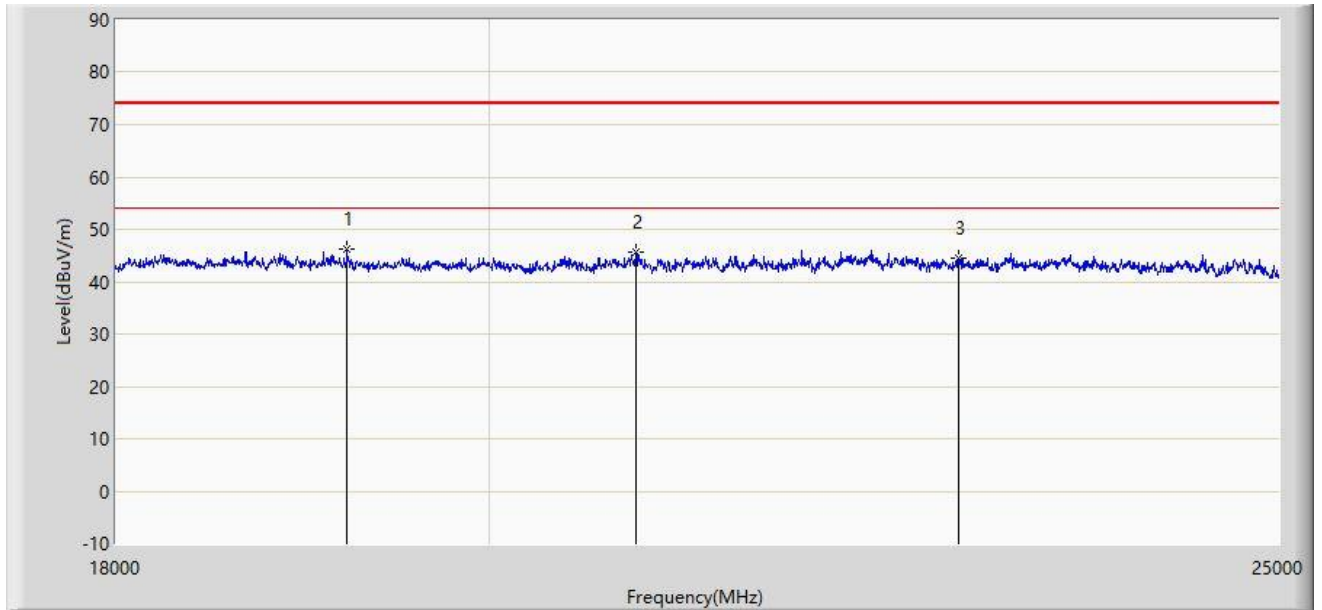| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	19218.000	46.205	56.293	-27.795	74.000	-10.087	PK
2		20849.000	45.522	54.352	-28.478	74.000	-8.830	PK
3		22844.000	44.557	51.623	-29.443	74.000	-7.066	PK

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

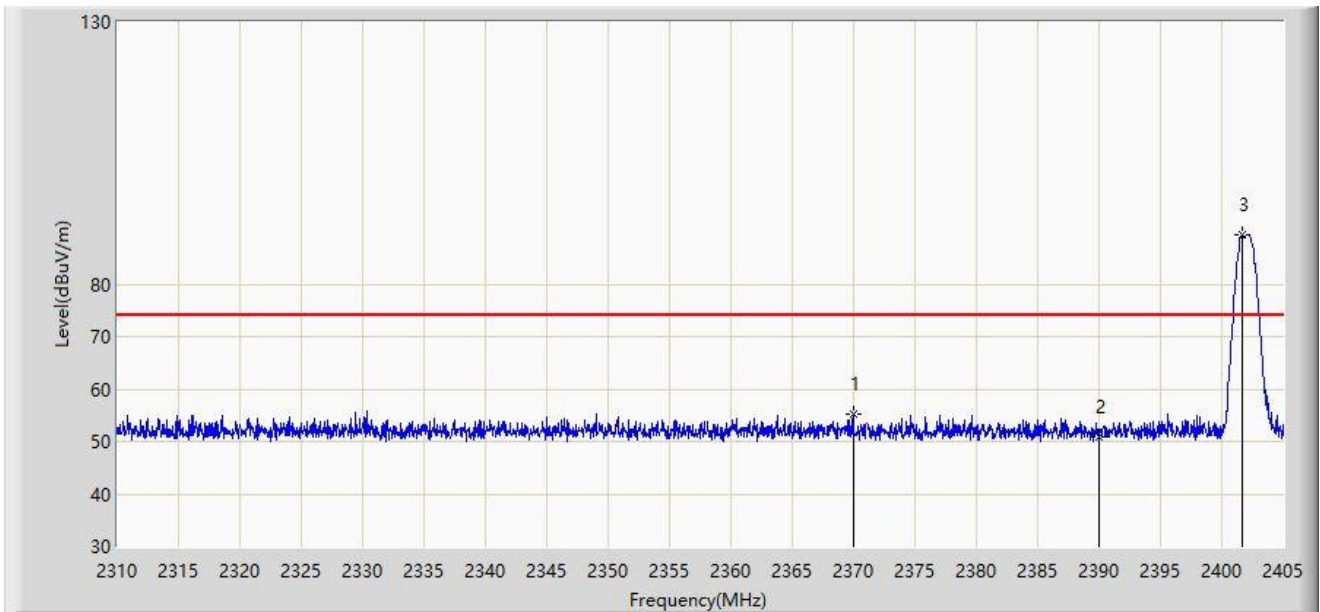Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Note 4: Average measurement was not performed when peak measure level was lower than the average limit.

7. Radiated Restricted Band Edge Measurement Test Result

Filter 4#

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2369.945	55.342	24.032	-18.658	74.000	31.310	PK
2		2390.000	50.903	19.649	-23.097	74.000	31.254	PK
3		2401.627	89.287	58.029	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

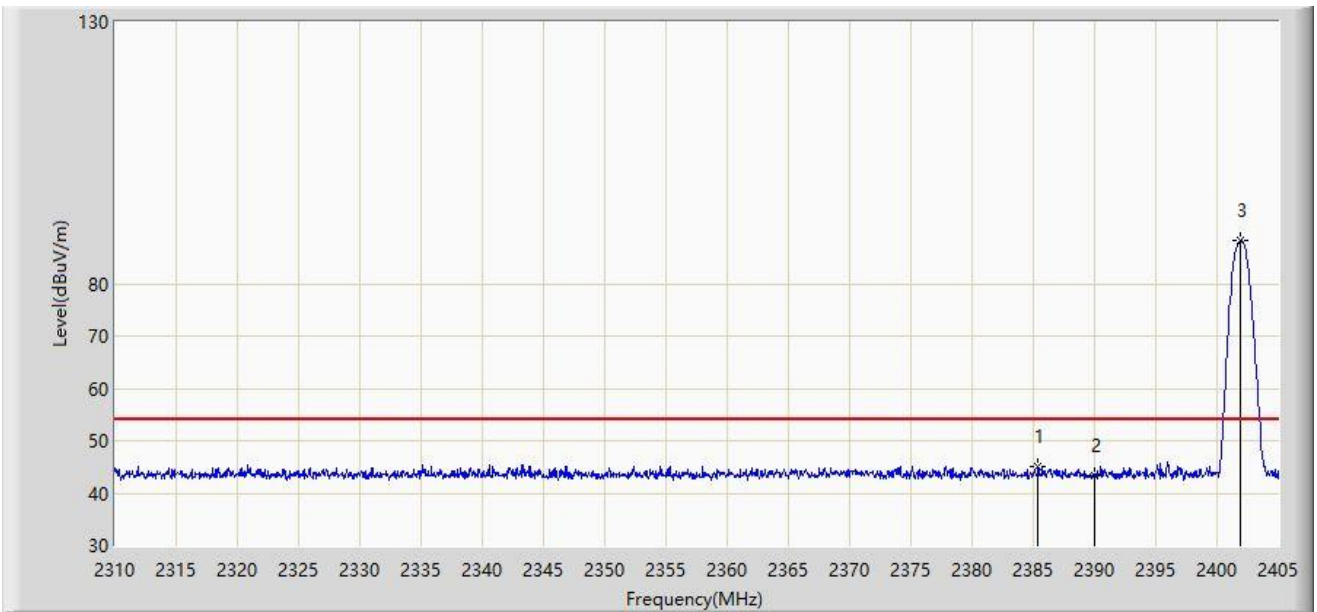| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2385.383	45.014	13.756	-8.986	54.000	31.257	AV
2		2390.000	43.222	11.968	-10.778	54.000	31.254	AV
3		2401.913	88.250	56.992	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

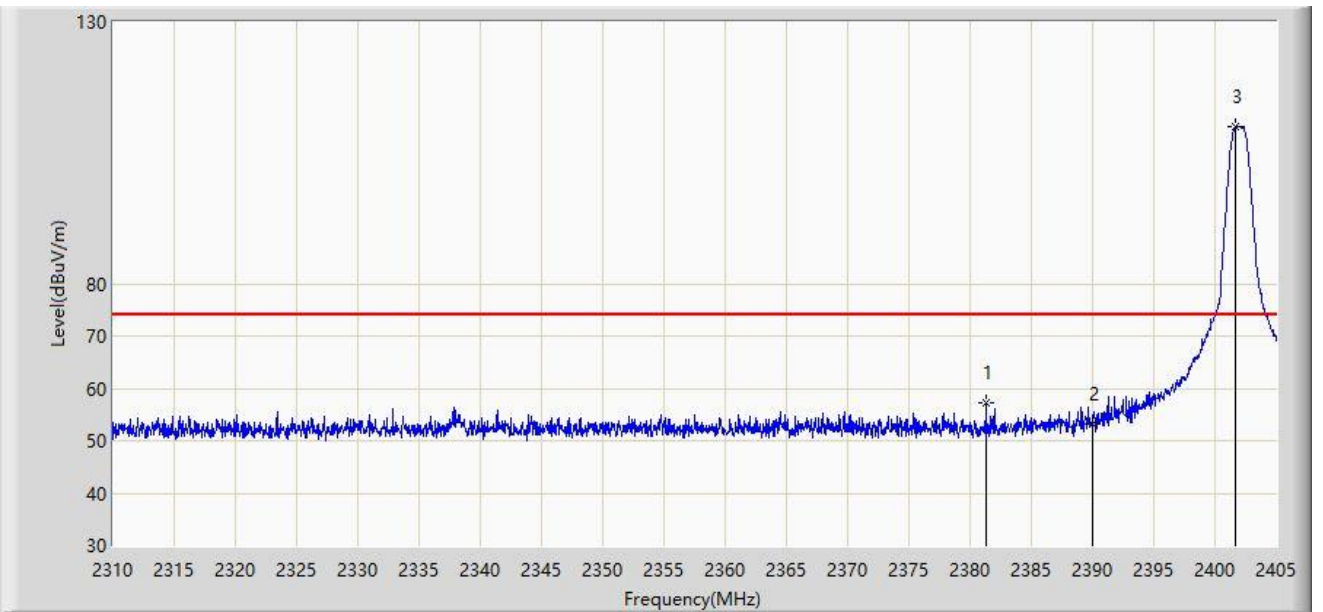| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2381.298	57.213	25.943	-16.787	74.000	31.269	PK
2		2390.000	53.241	21.987	-20.759	74.000	31.254	PK
3		2401.722	110.081	78.823	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

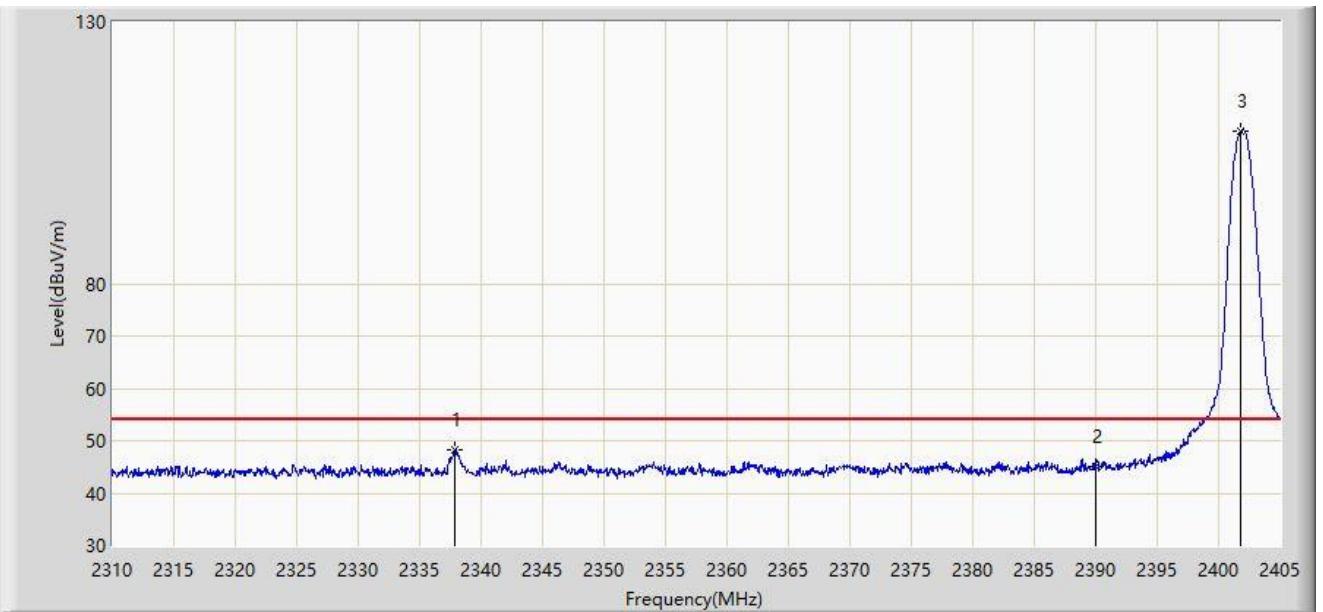| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2337.835	48.363	16.957	-5.637	54.000	31.406	AV
2		2390.000	45.054	13.800	-8.946	54.000	31.254	AV
3		2401.817	109.040	77.782	N/A	N/A	31.257	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

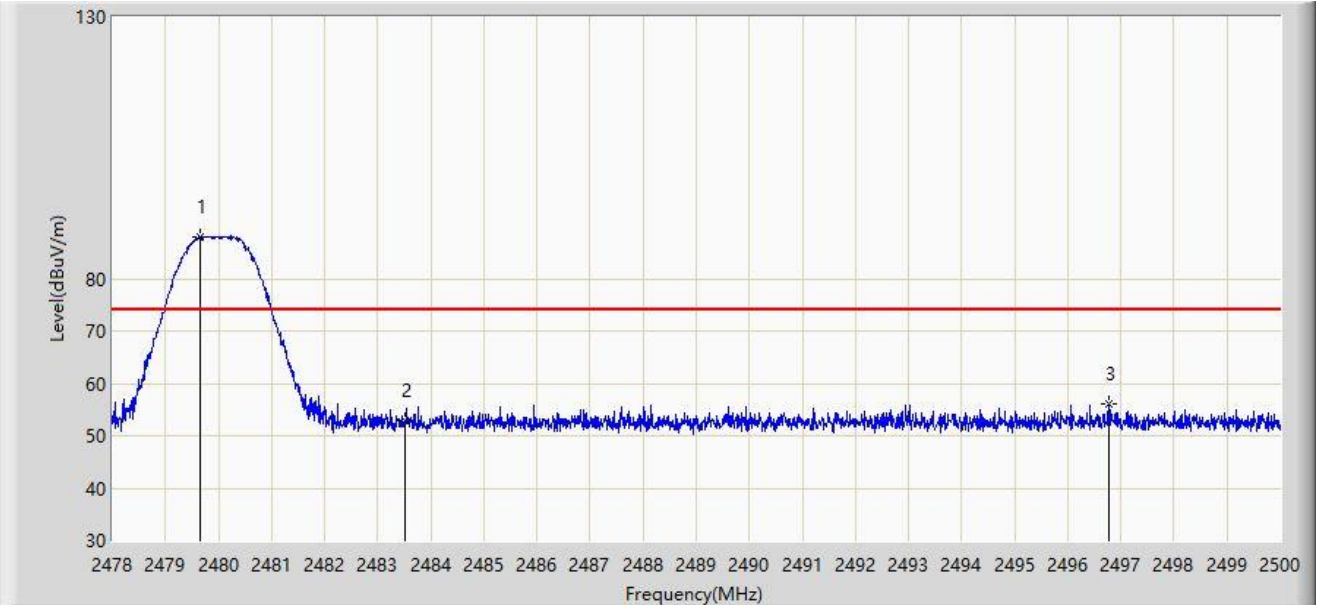| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.661	87.919	56.696	N/A	N/A	31.223	PK
2		2483.500	53.027	21.801	-20.973	74.000	31.226	PK
3	*	2496.766	56.144	24.909	-17.856	74.000	31.236	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

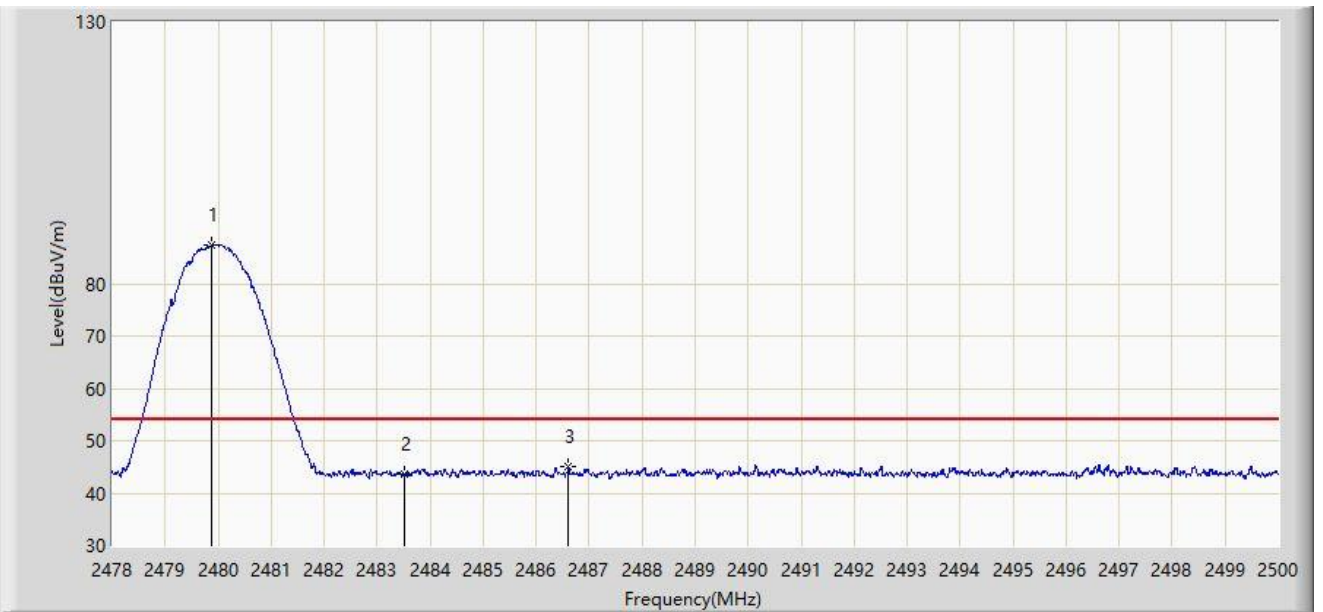| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.881	87.309	56.085	N/A	N/A	31.224	AV
2		2483.500	43.691	12.465	-10.309	54.000	31.226	AV
3	*	2486.613	45.083	13.854	-8.917	54.000	31.229	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

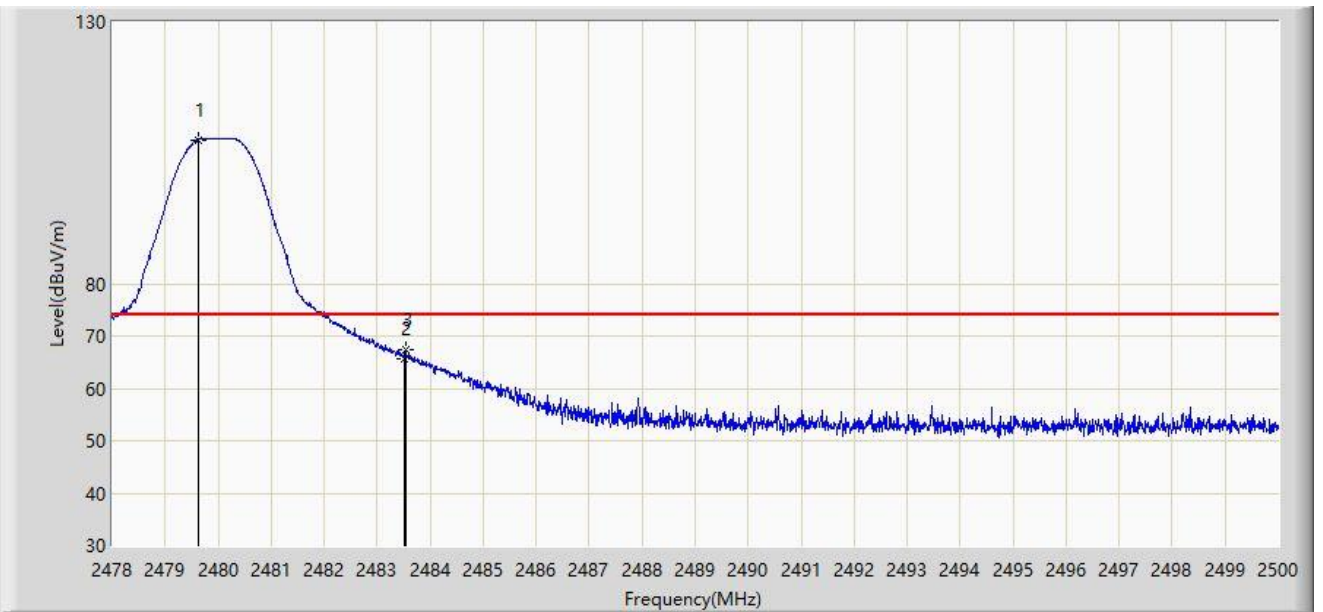| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.628	107.513	76.290	N/A	N/A	31.223	PK
2		2483.500	65.789	34.563	-8.211	74.000	31.226	PK
3	*	2483.533	67.503	36.277	-6.497	74.000	31.226	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

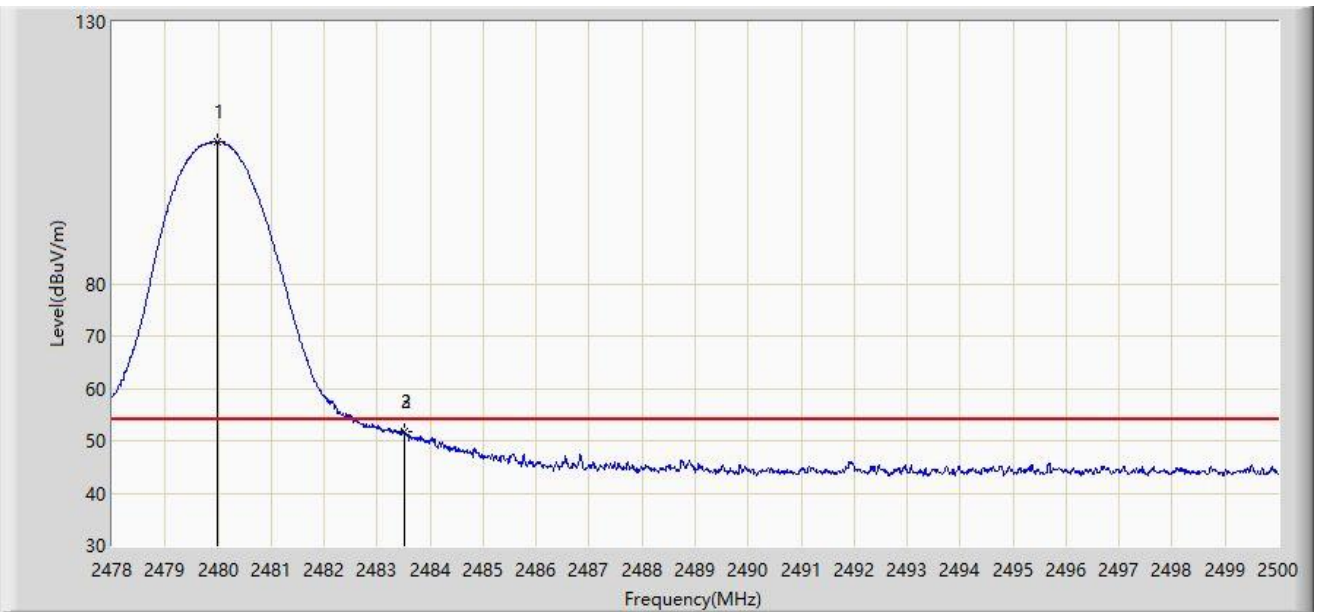| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.980	107.183	75.959	N/A	N/A	31.224	AV
2	*	2483.500	51.806	20.580	-2.194	54.000	31.226	AV
3		2483.500	51.639	20.413	-2.361	54.000	31.226	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2353.558	55.315	23.959	-18.685	74.000	31.356	PK
2		2390.000	53.012	21.758	-20.988	74.000	31.254	PK
3		2401.485	85.827	54.569	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

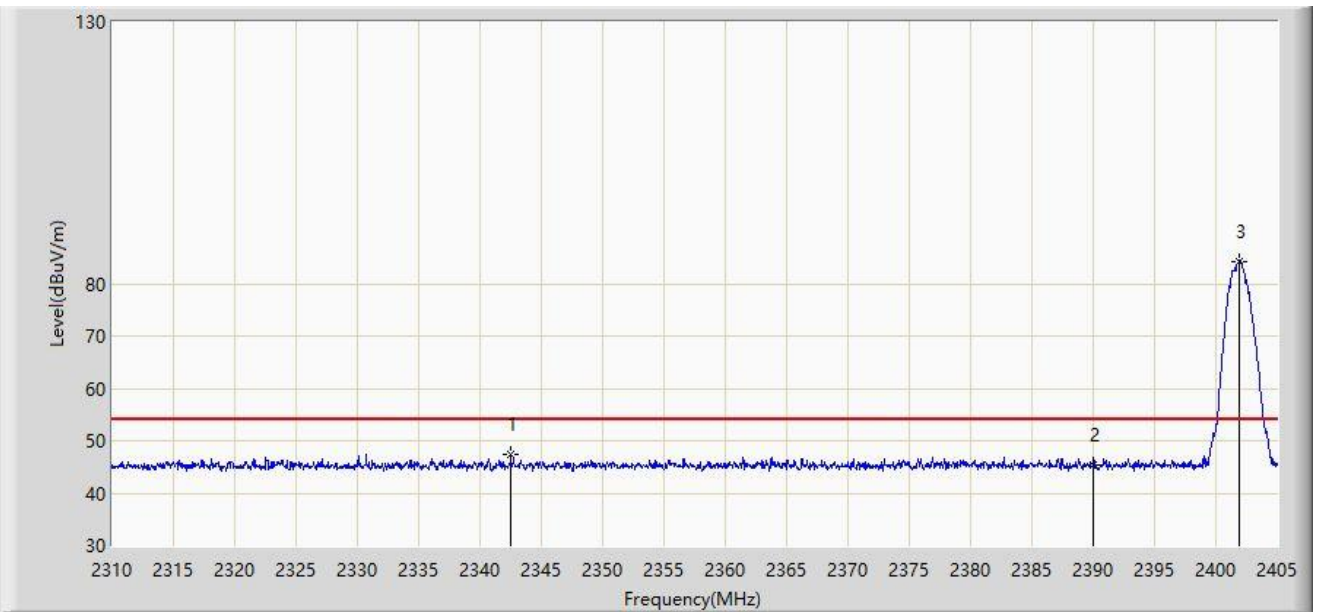| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2342.490	47.415	16.021	-6.585	54.000	31.394	AV
2		2390.000	45.463	14.209	-8.537	54.000	31.254	AV
3		2401.865	84.246	52.988	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

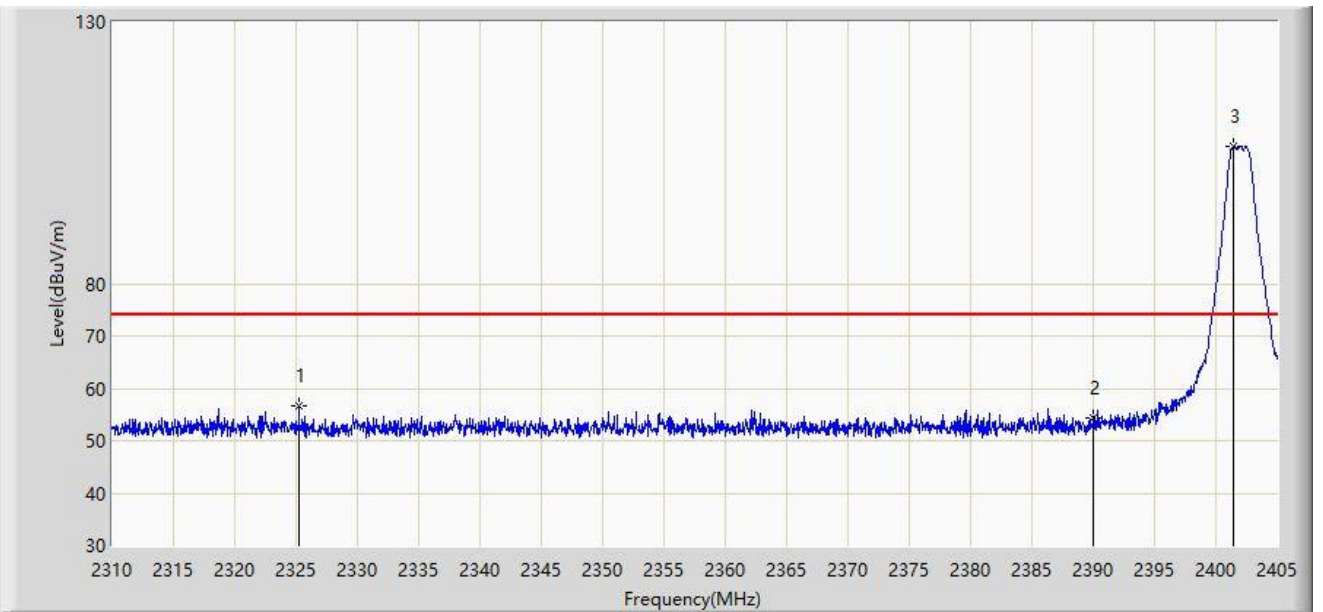| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2325.248	56.764	25.322	-17.236	74.000	31.441	PK
2		2390.000	54.482	23.228	-19.518	74.000	31.254	PK
3		2401.437	106.331	75.073	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

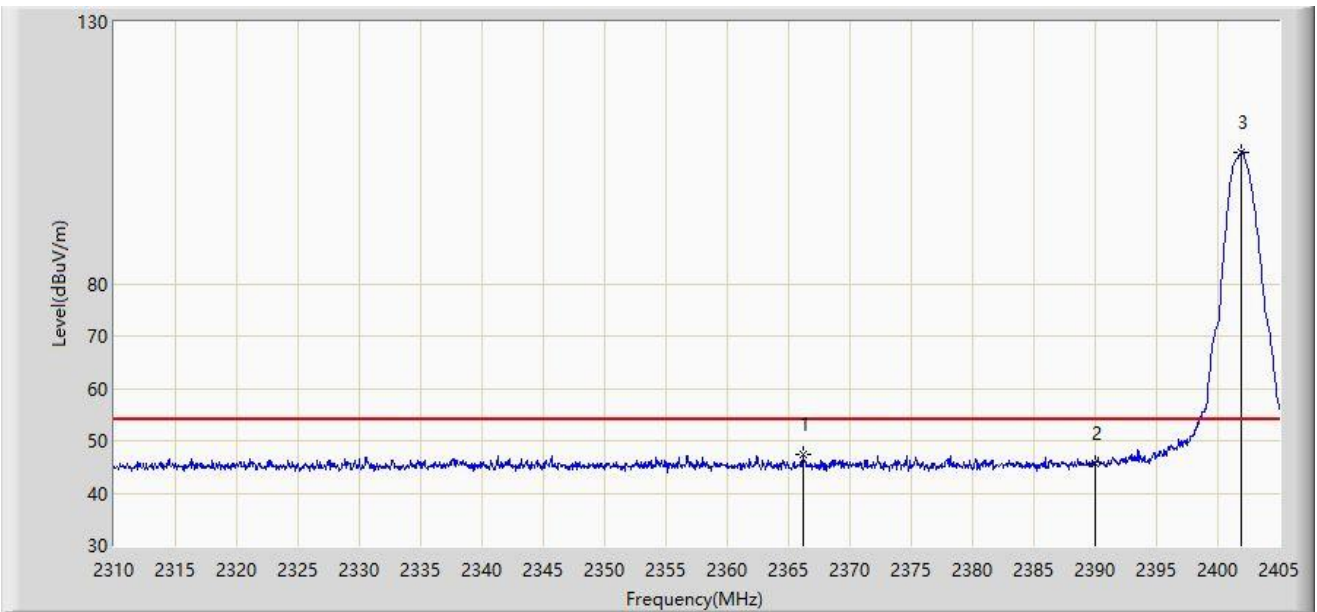| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2366.145	47.316	15.993	-6.684	54.000	31.323	AV
2		2390.000	45.616	14.362	-8.384	54.000	31.254	AV
3		2401.913	105.197	73.939	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

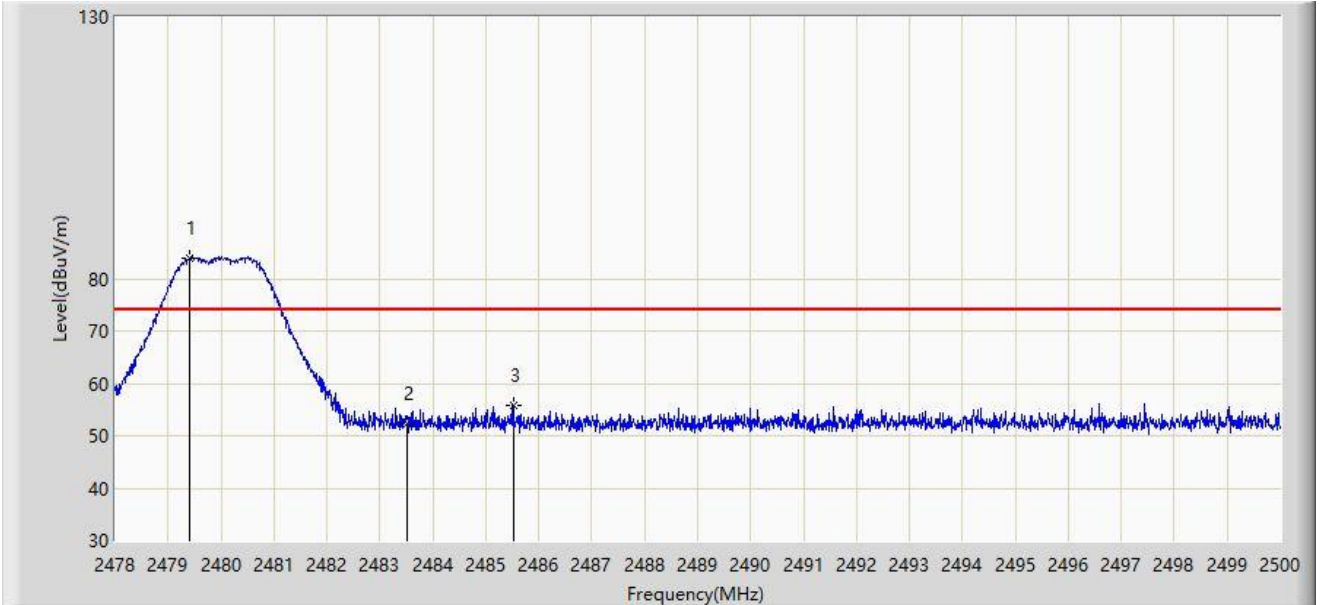| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.408	83.969	52.746	N/A	N/A	31.223	PK
2		2483.500	52.425	21.199	-21.575	74.000	31.226	PK
3	*	2485.513	55.683	24.455	-18.317	74.000	31.228	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

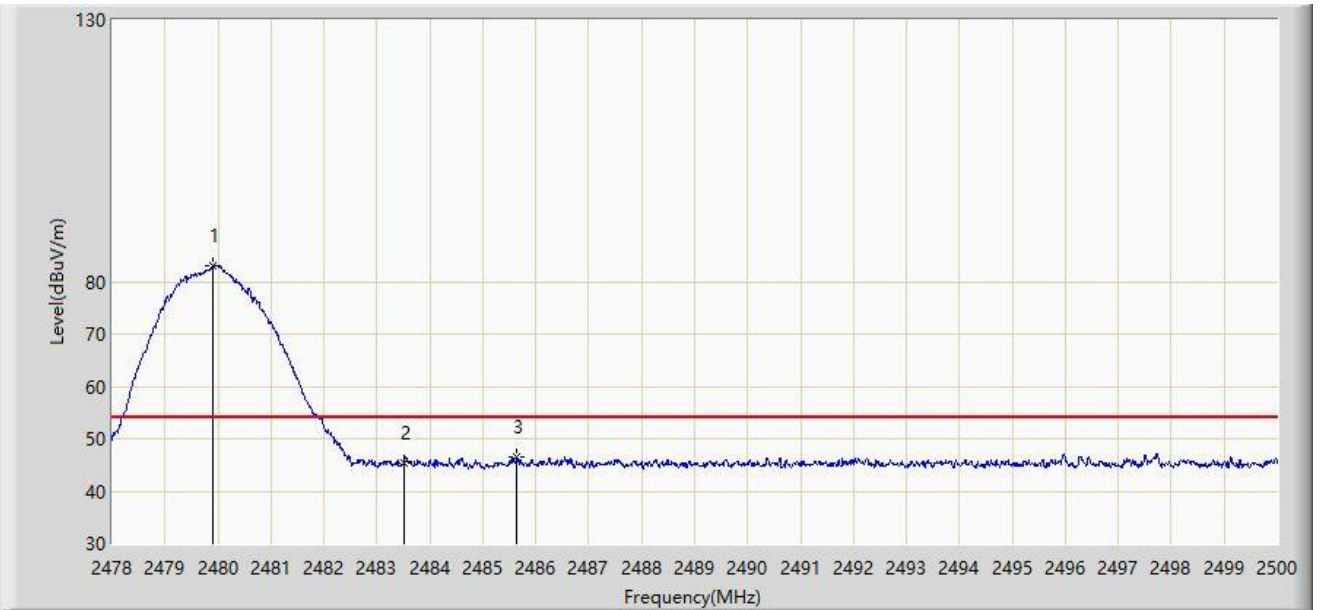| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.903	82.974	51.750	N/A	N/A	31.224	AV
2		2483.500	45.282	14.056	-8.718	54.000	31.226	AV
3	*	2485.634	46.558	15.330	-7.442	54.000	31.228	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

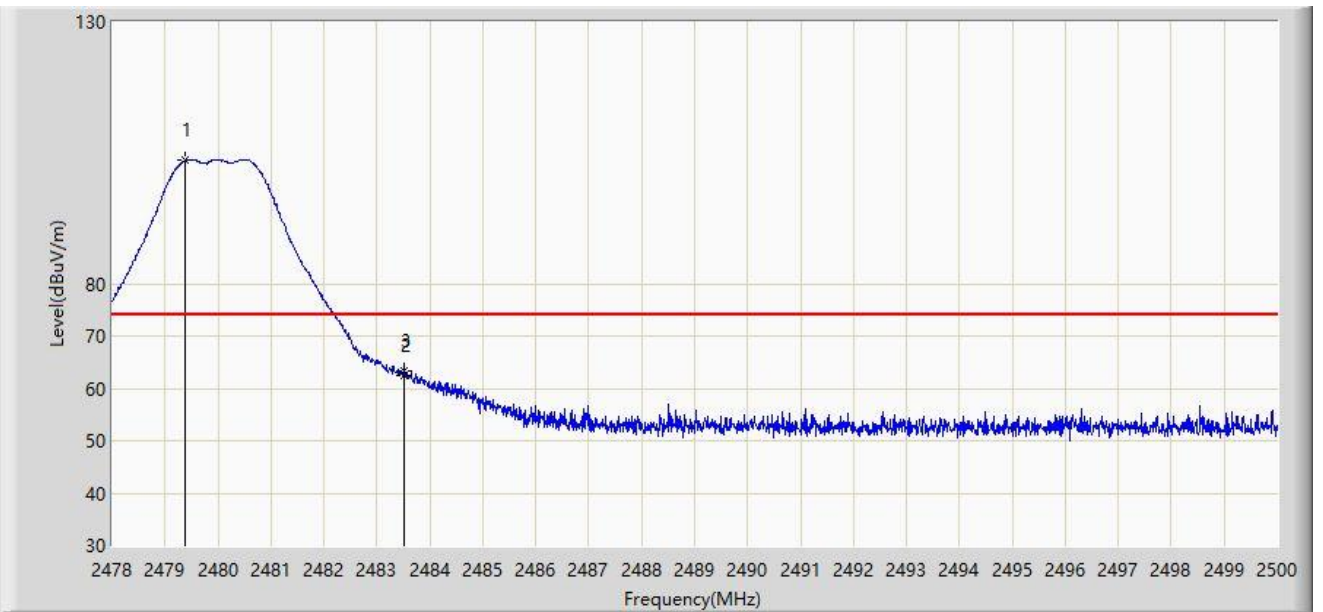| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.386	103.498	72.275	N/A	N/A	31.223	PK
2		2483.500	62.330	31.104	-11.670	74.000	31.226	PK
3	*	2483.522	63.367	32.141	-10.633	74.000	31.226	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

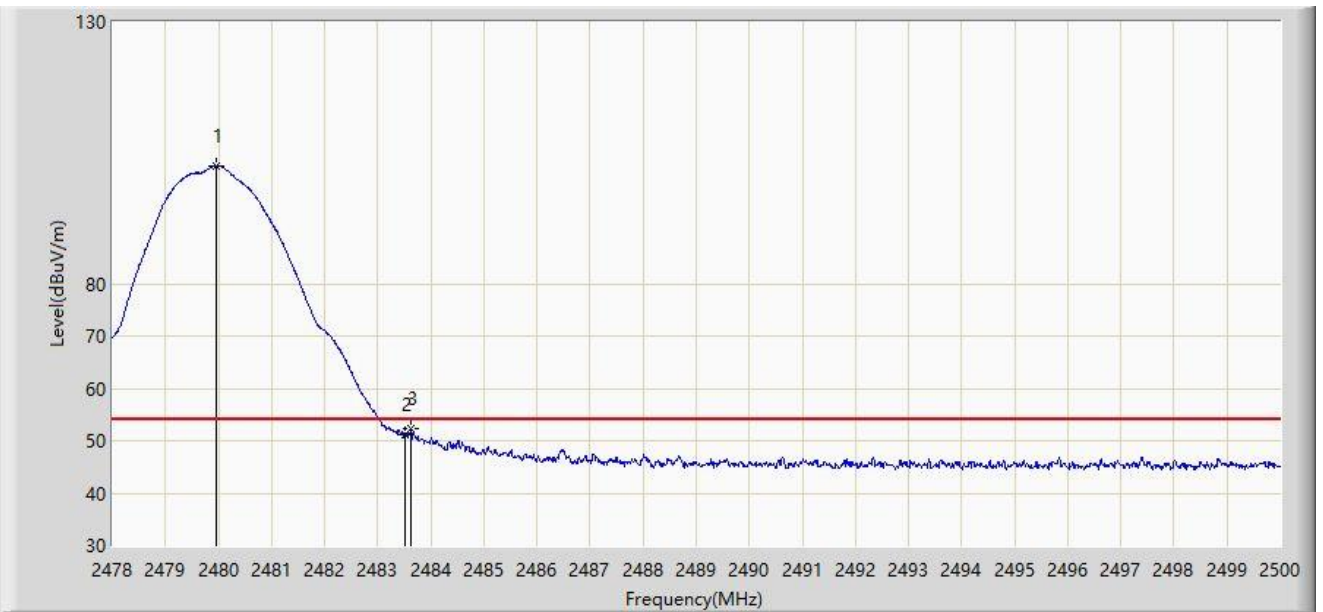| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.969	102.555	71.331	N/A	N/A	31.224	AV
2		2483.500	51.023	19.797	-2.977	54.000	31.226	AV
3	*	2483.625	52.396	21.170	-1.604	54.000	31.226	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Filter 5#

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

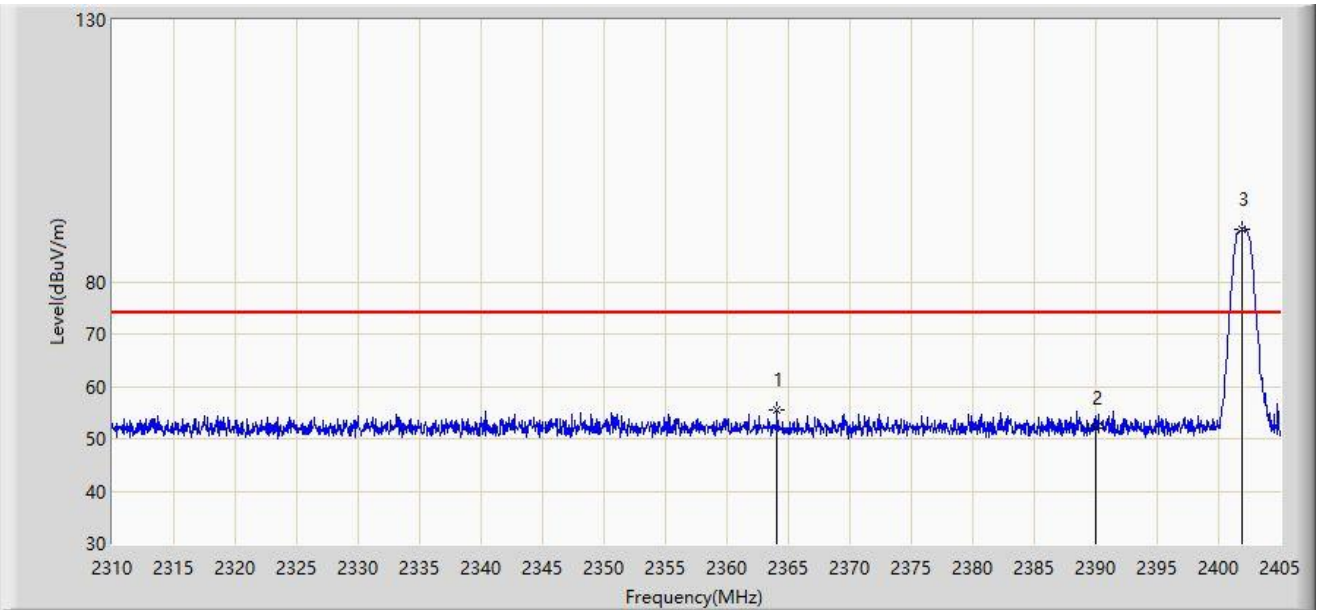| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2364.103	55.438	24.111	-18.562	74.000	31.326	PK
2		2390.000	52.120	20.866	-21.880	74.000	31.254	PK
3		2401.913	90.144	58.886	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

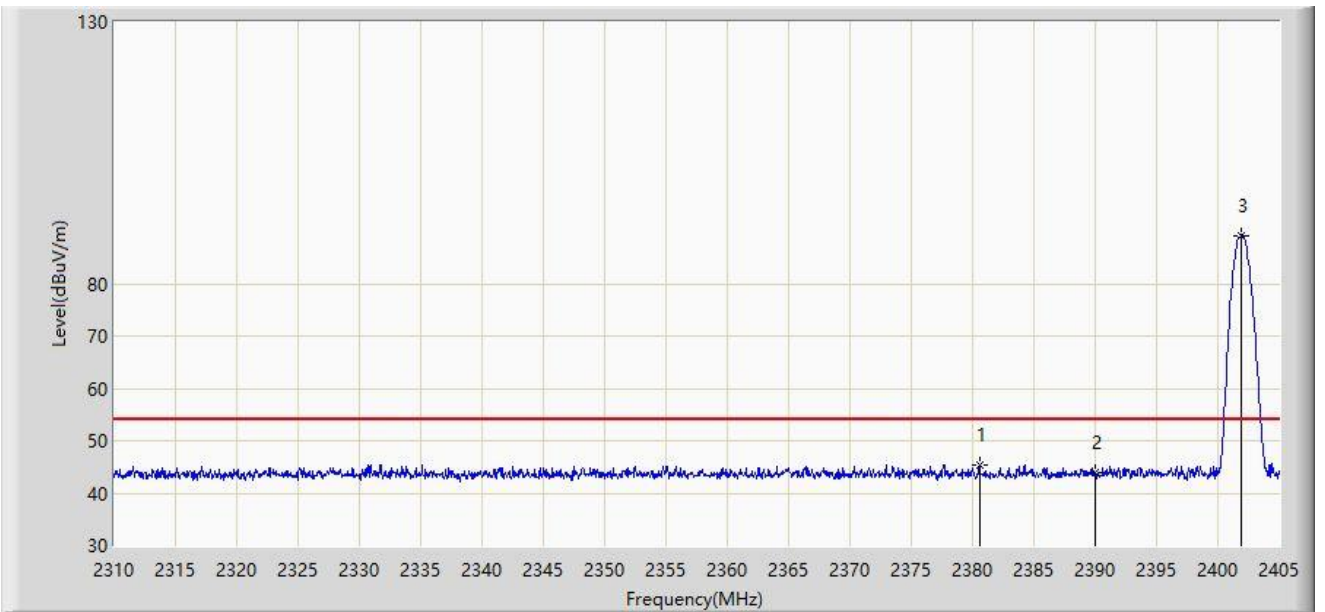| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2380.538	45.457	14.184	-8.543	54.000	31.273	AV
2		2390.000	43.770	12.516	-10.230	54.000	31.254	AV
3		2401.865	89.218	57.960	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

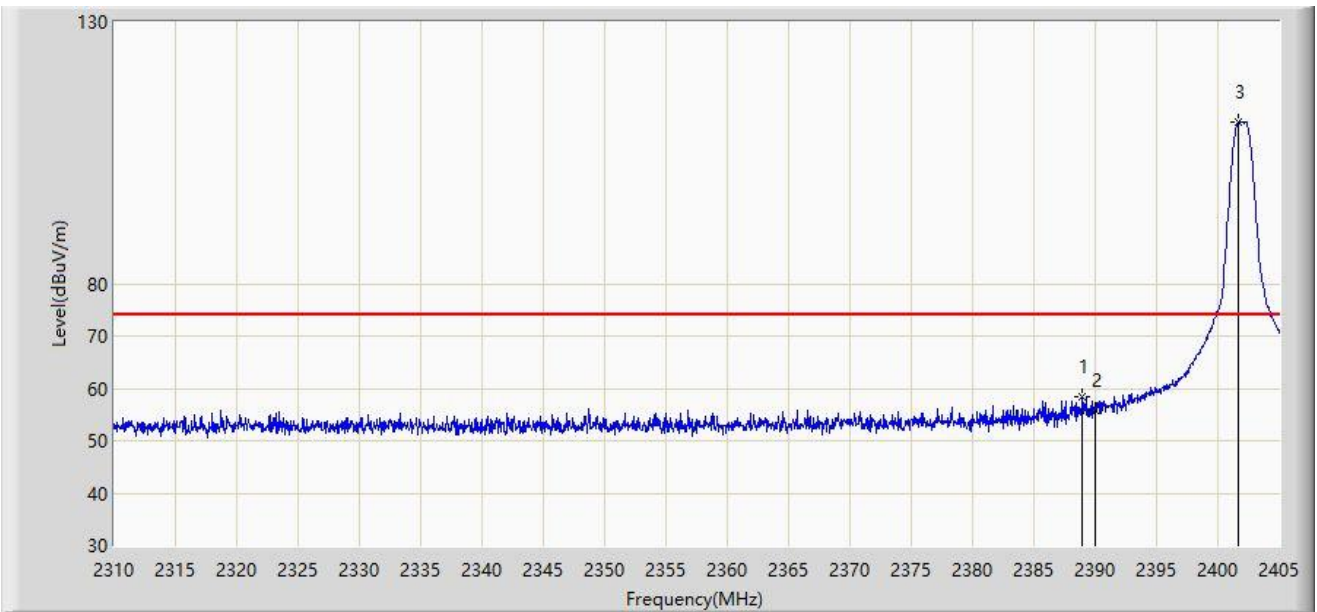| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2388.945	58.399	27.144	-15.601	74.000	31.255	PK
2		2390.000	55.941	24.687	-18.059	74.000	31.254	PK
3		2401.722	110.903	79.645	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

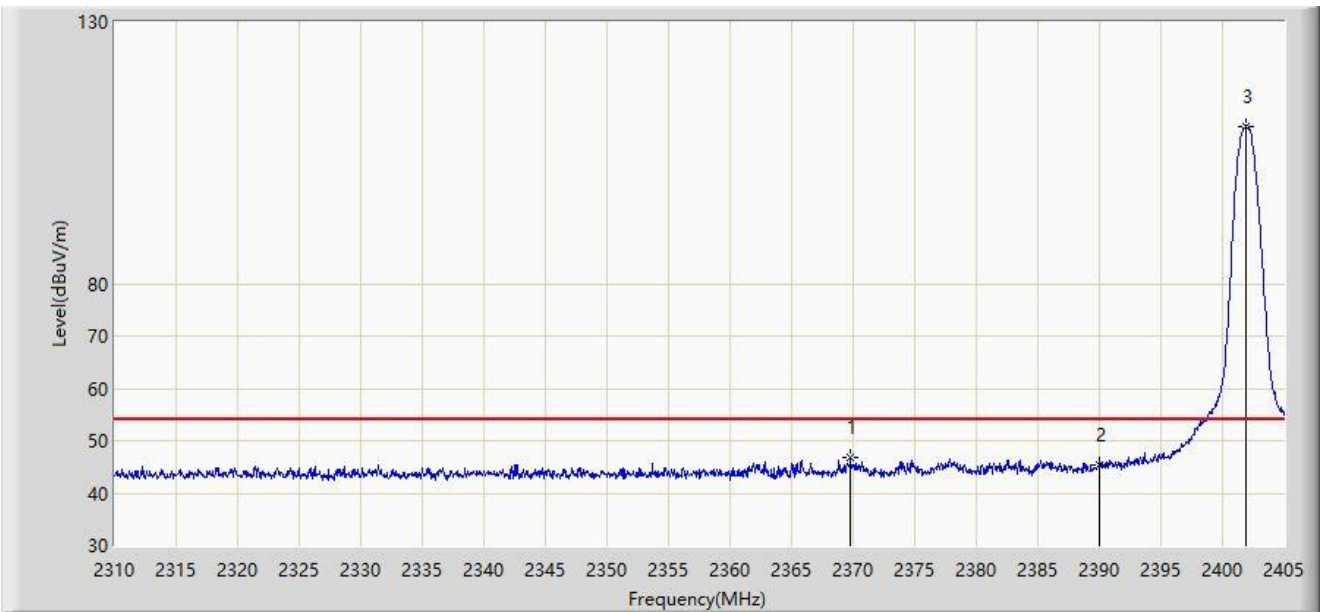| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2369.755	46.797	15.486	-7.203	54.000	31.311	AV
2		2390.000	45.265	14.011	-8.735	54.000	31.254	AV
3		2401.913	110.111	78.853	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	52.753	21.499	-21.247	74.000	31.254	PK
2		2401.485	86.593	55.335	N/A	N/A	31.258	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

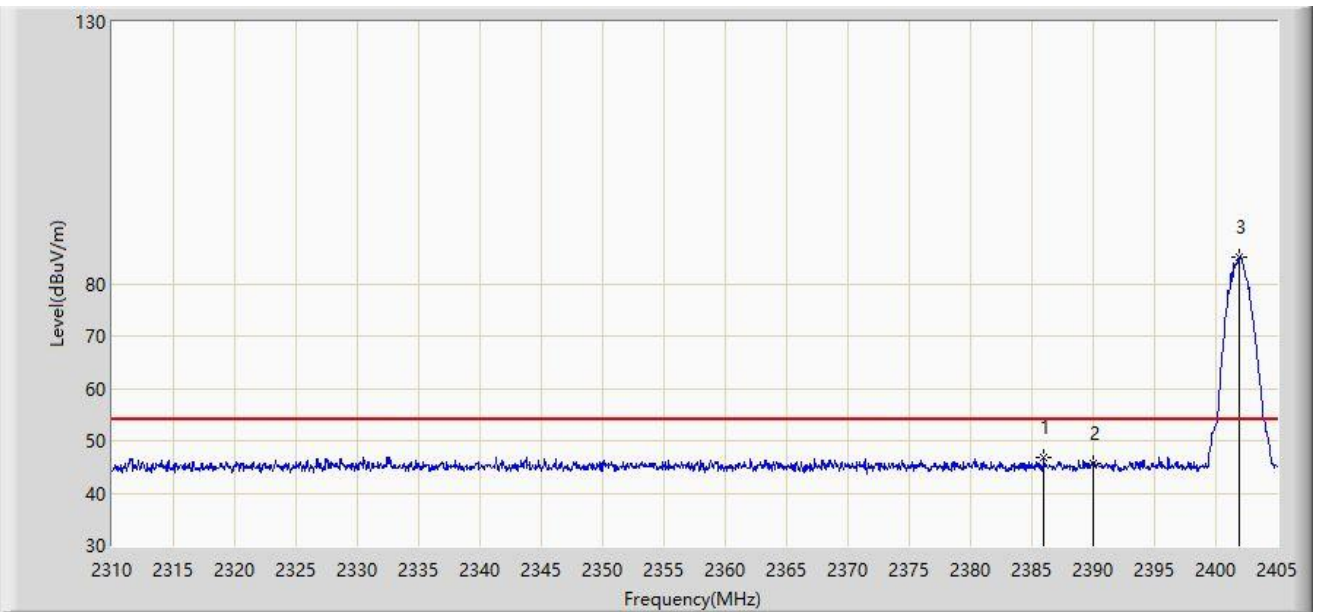| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2385.952	46.728	15.471	-7.272	54.000	31.258	AV
2		2390.000	45.745	14.491	-8.255	54.000	31.254	AV
3		2401.865	84.976	53.718	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

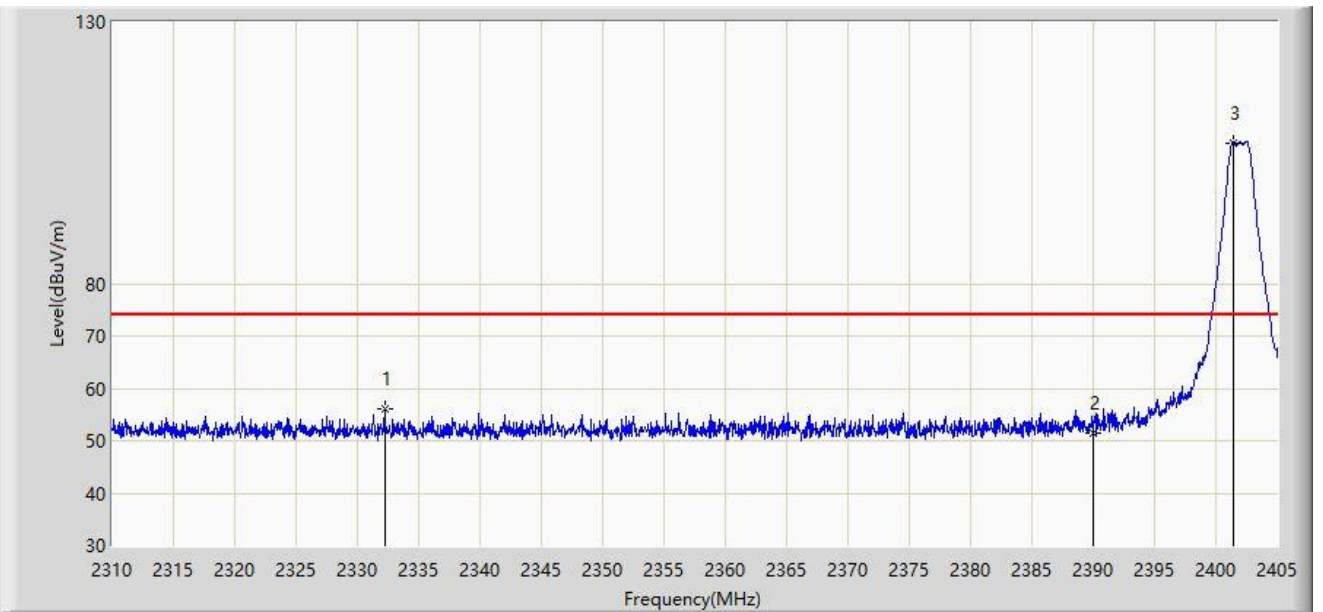| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2332.230	55.960	24.538	-18.040	74.000	31.421	PK
2		2390.000	51.515	20.261	-22.485	74.000	31.254	PK
3		2401.390	106.928	75.671	N/A	N/A	31.257	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

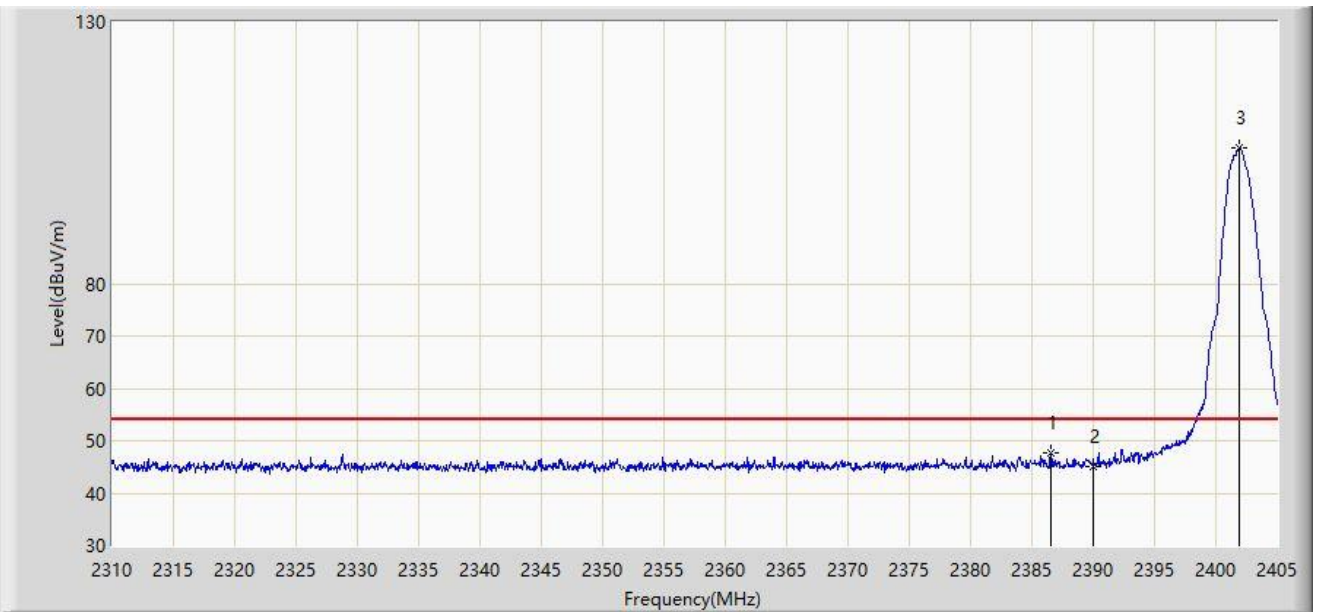| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2386.522	47.596	16.339	-6.404	54.000	31.257	AV
2		2390.000	45.209	13.955	-8.791	54.000	31.254	AV
3		2401.913	105.968	74.710	N/A	N/A	31.258	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Filter 6#

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

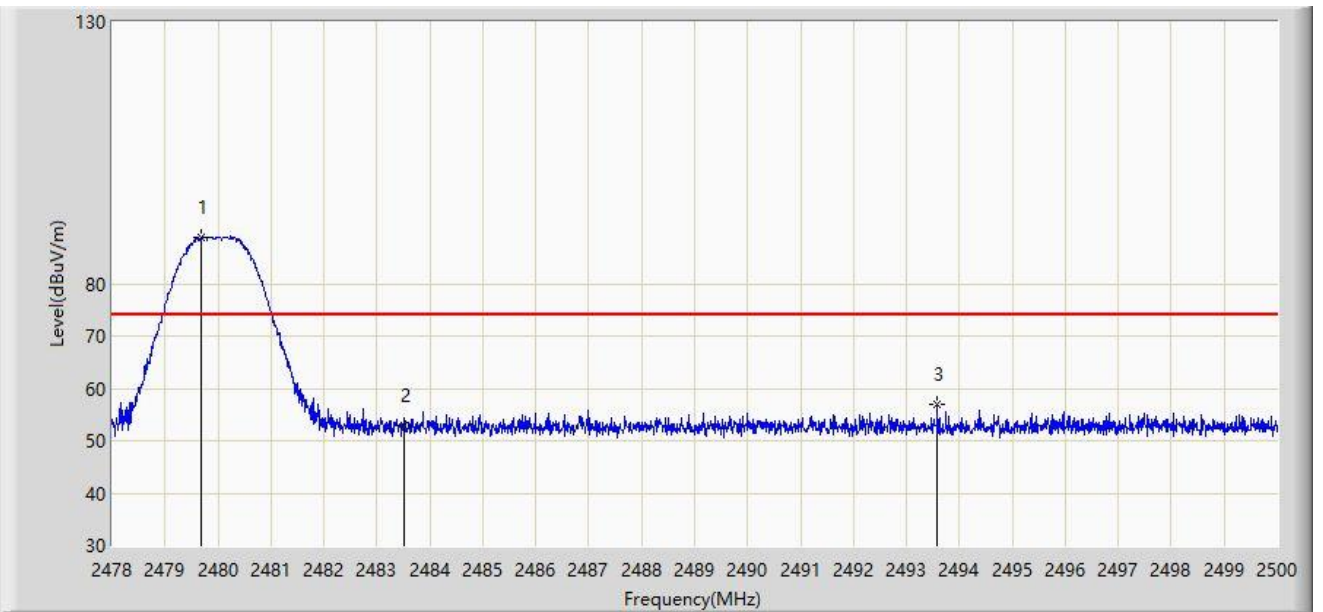| No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.683	88.856	57.633	N/A	N/A	31.223	PK
2		2483.500	52.904	21.678	-21.096	74.000	31.226	PK
3	*	2493.587	56.966	25.733	-17.034	74.000	31.233	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

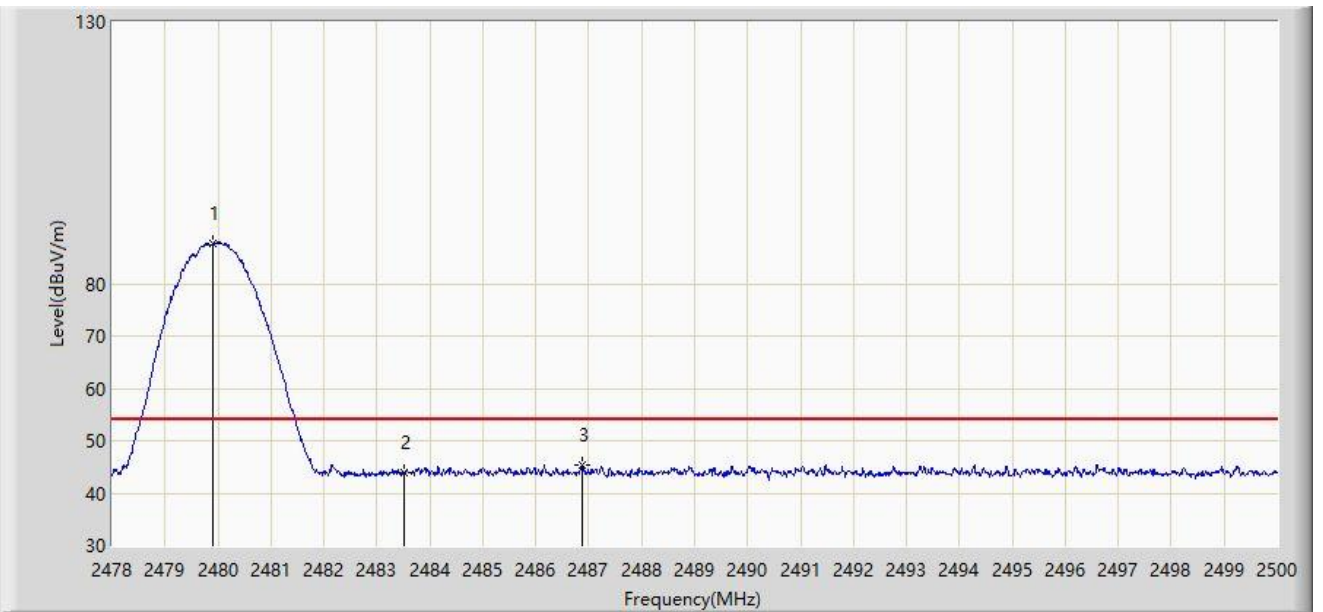| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.914	87.648	56.424	N/A	N/A	31.224	AV
2		2483.500	43.941	12.715	-10.059	54.000	31.226	AV
3	*	2486.866	45.387	14.158	-8.613	54.000	31.229	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

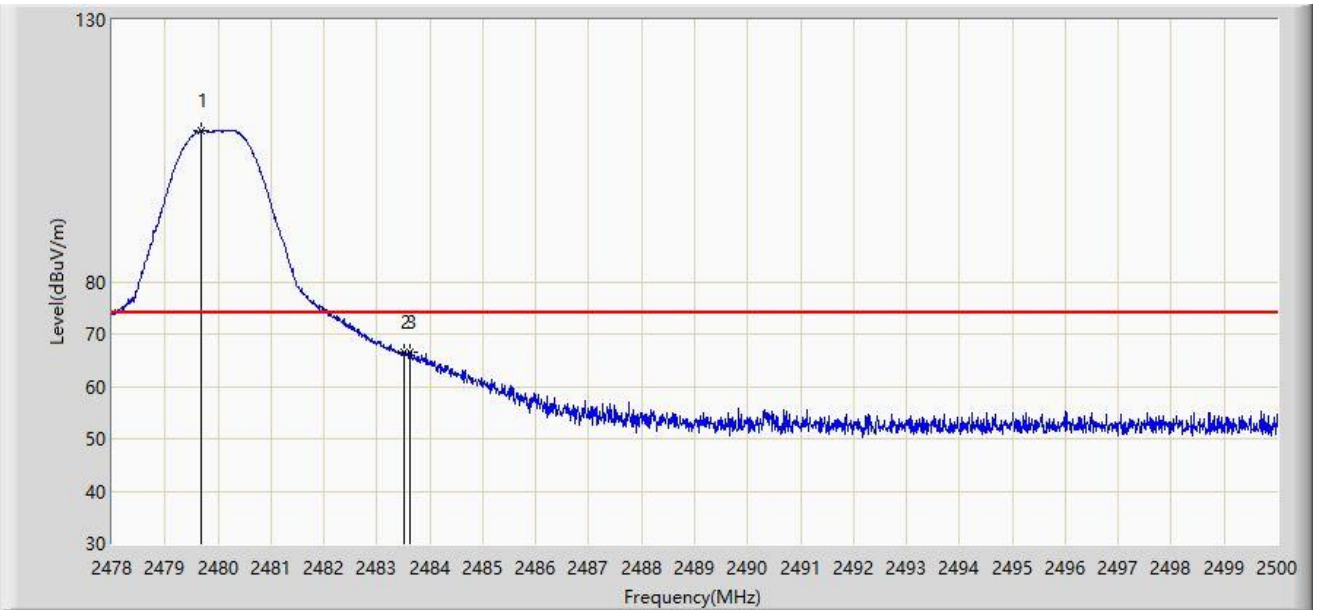| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2479.694	108.747	77.524	N/A	N/A	31.223	PK
2	*	2483.500	66.394	35.168	-7.606	74.000	31.226	PK
3		2483.632	66.382	35.156	-7.618	74.000	31.226	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

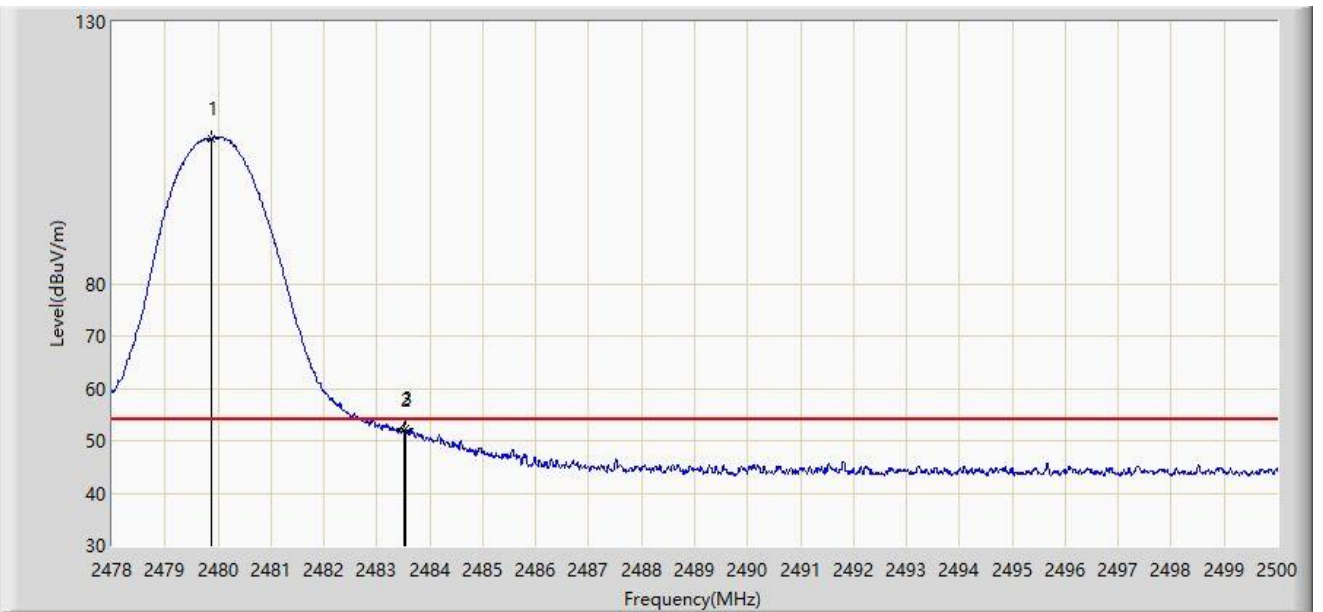| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 1M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.870	107.811	76.587	N/A	N/A	31.224	AV
2		2483.500	51.986	20.760	-2.014	54.000	31.226	AV
3	*	2483.544	52.217	20.991	-1.783	54.000	31.226	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.442	85.442	54.218	N/A	N/A	31.224	PK
2		2483.500	52.968	21.742	-21.032	74.000	31.226	PK
3	*	2488.395	55.796	24.566	-18.204	74.000	31.230	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

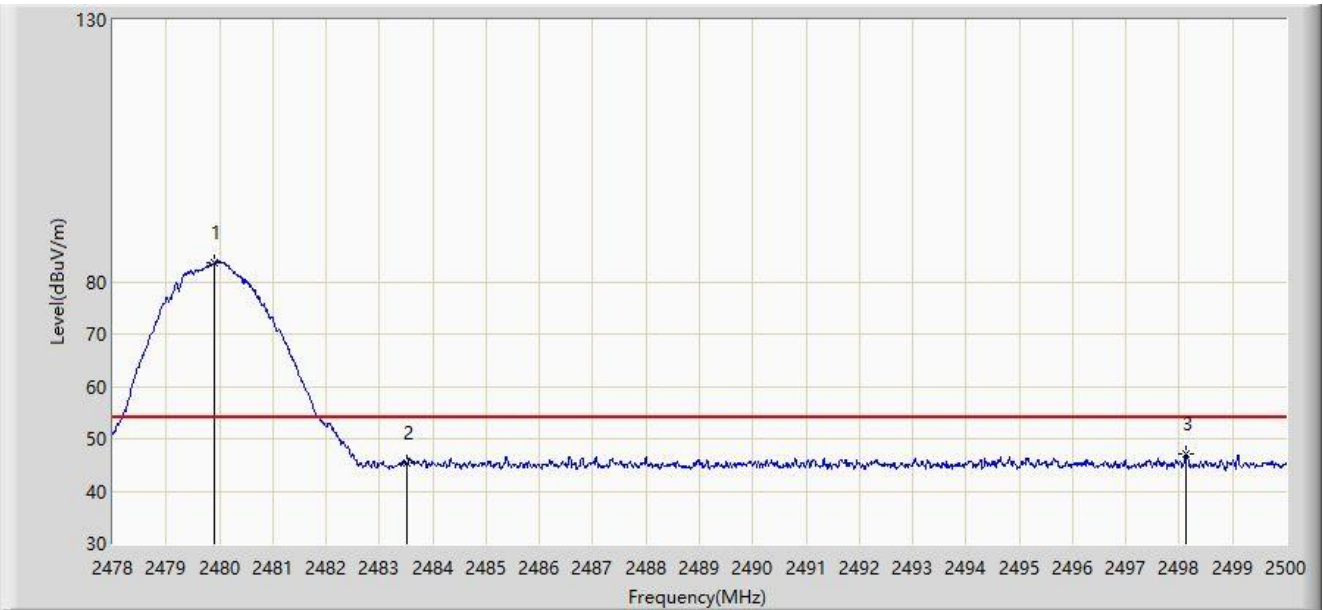| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.914	83.658	52.434	N/A	N/A	31.224	AV
2		2483.500	45.412	14.186	-8.588	54.000	31.226	AV
3	*	2498.119	47.212	15.975	-6.788	54.000	31.238	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

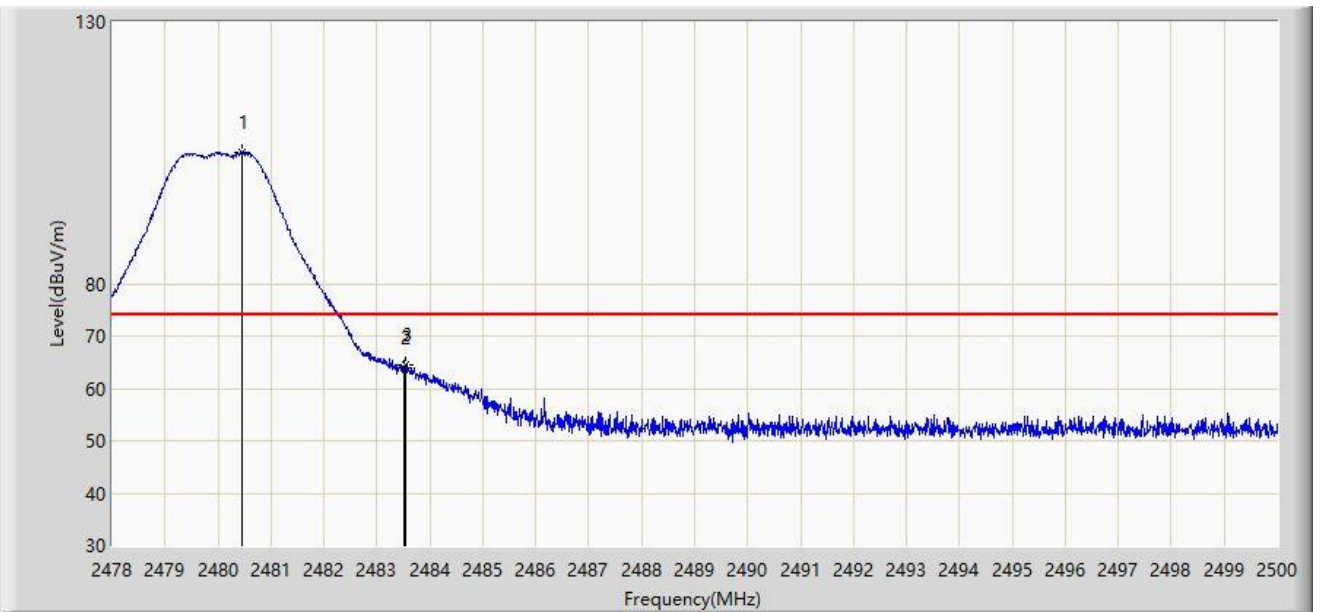| Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.453	105.044	73.820	N/A	N/A	31.224	PK
2		2483.500	63.856	32.630	-10.144	74.000	31.226	PK
3	*	2483.533	64.516	33.290	-9.484	74.000	31.226	PK

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-12-18
Limit: FCC_2.4G_RE(3m)	Engineer: Ajin Fan
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE
Test Mode: Transmit by BLE 2M at 2480MHz	

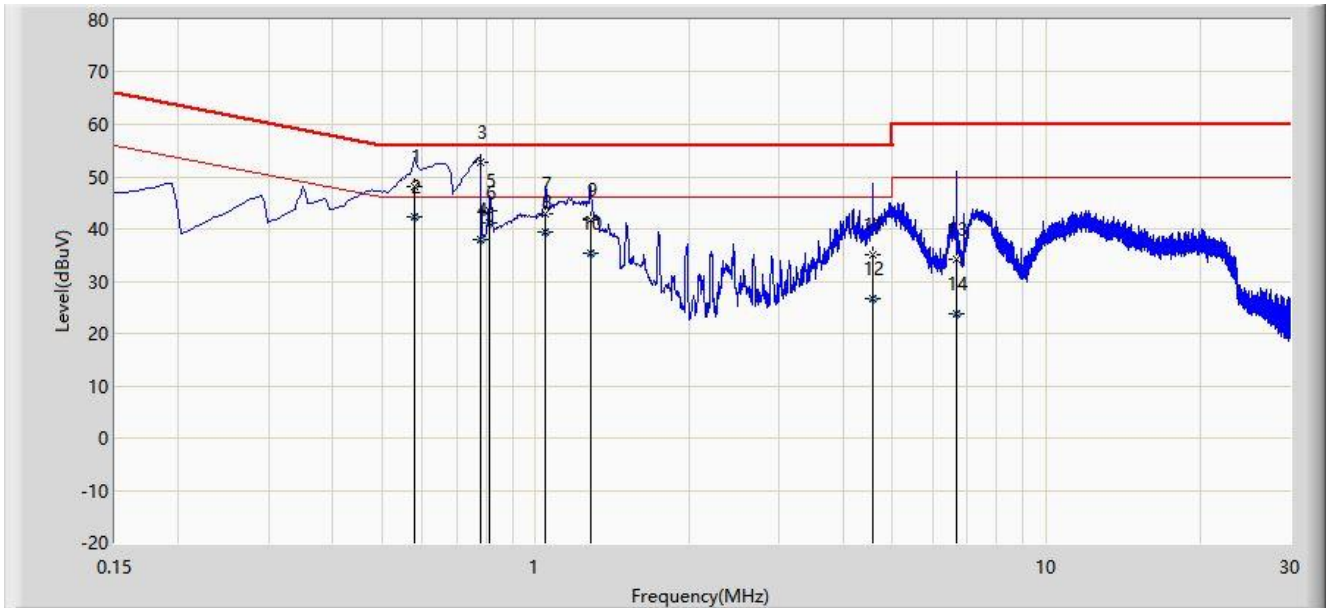| No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2479.947	103.791	72.567	N/A	N/A	31.224	AV
2		2483.500	52.498	21.272	-1.502	54.000	31.226	AV
3	*	2483.621	52.805	21.579	-1.195	54.000	31.226	AV

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

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

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

8. AC Conducted Emission Test Result

| Site: WZ-SR2	Time: 2023/12/21 - 13:47
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_C	Polarity: Line
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by BLE 1M at channel 2402MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.578	48.177	38.300	-7.823	56.000	9.877	QP
2		0.578	42.205	32.328	-3.795	46.000	9.877	AV
3	*	0.778	52.692	42.716	-3.308	56.000	9.976	QP
4		0.778	38.024	28.048	-7.976	46.000	9.976	AV
5		0.814	43.395	33.401	-12.605	56.000	9.995	QP
6		0.814	41.289	31.294	-4.711	46.000	9.995	AV
7		1.046	42.964	32.883	-13.036	56.000	10.081	QP
8		1.046	39.505	29.424	-6.495	46.000	10.081	AV
9		1.282	41.628	31.544	-14.372	56.000	10.083	QP
10		1.282	35.348	25.264	-10.652	46.000	10.083	AV
11		4.578	34.982	24.811	-21.018	56.000	10.171	QP
12		4.578	26.533	16.362	-19.467	46.000	10.171	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Time: 2023/12/21 - 11:02
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_C	Polarity: Neutral
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by BLE 1M at channel 2402MHz	
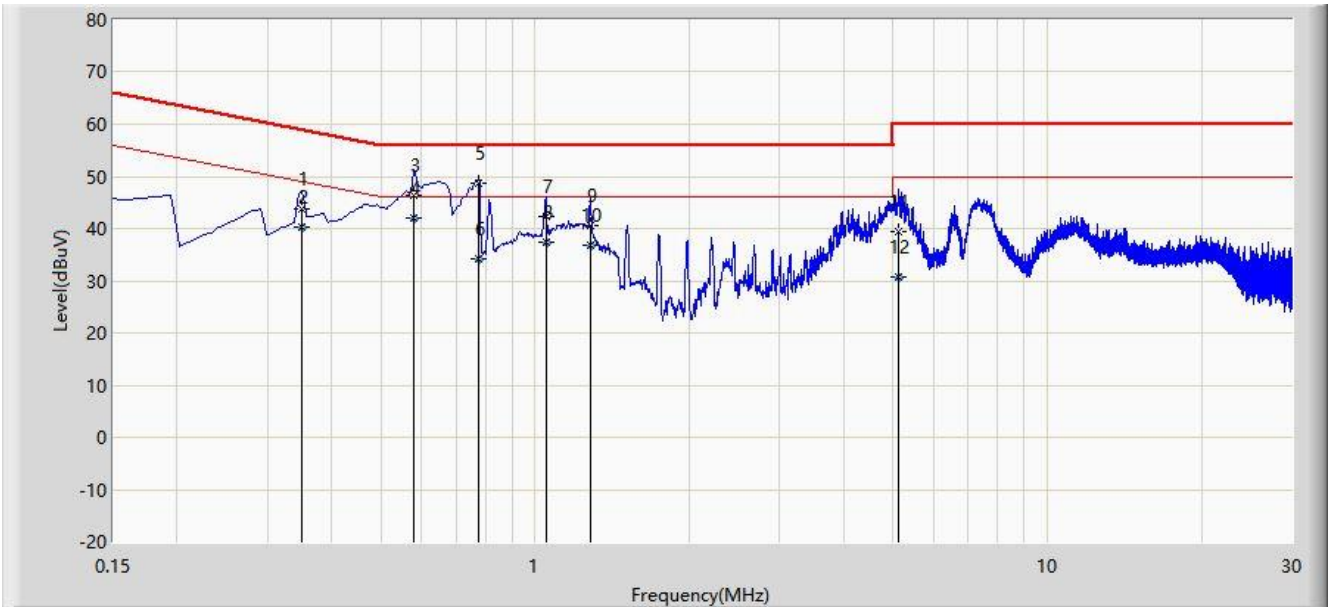
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.350	43.749	33.987	-15.213	58.962	9.763	QP
2		0.350	40.235	30.473	-8.727	48.962	9.763	AV
3		0.578	46.318	36.451	-9.682	56.000	9.867	QP
4	*	0.578	42.131	32.264	-3.869	46.000	9.867	AV
5		0.774	48.695	38.729	-7.305	56.000	9.967	QP
6		0.774	34.206	24.239	-11.794	46.000	9.967	AV
7		1.050	42.252	32.181	-13.748	56.000	10.071	QP
8		1.050	37.528	27.458	-8.472	46.000	10.071	AV
9		1.282	40.513	30.440	-15.487	56.000	10.073	QP
10		1.282	36.847	26.774	-9.153	46.000	10.073	AV
11		5.106	39.386	29.223	-20.614	60.000	10.163	QP
12		5.106	30.715	20.552	-19.285	50.000	10.163	AV

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

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

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).