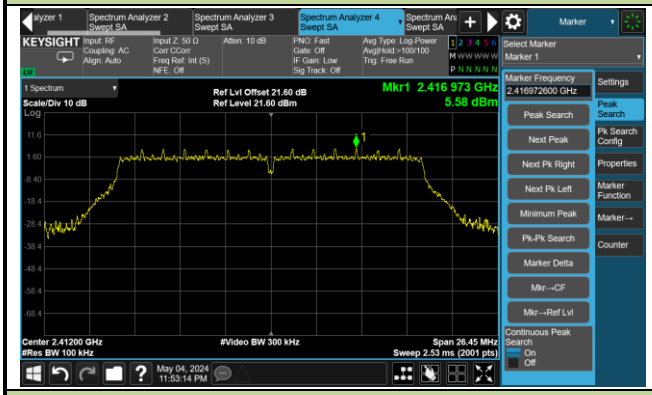
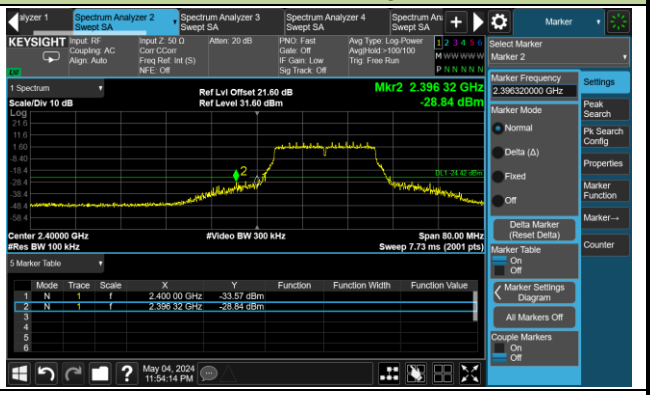
802.11n-HT20 Out-of-Band Emissions – Ant 12

Channel 01 (2412MHz)

Reference Level



Low Band Edge

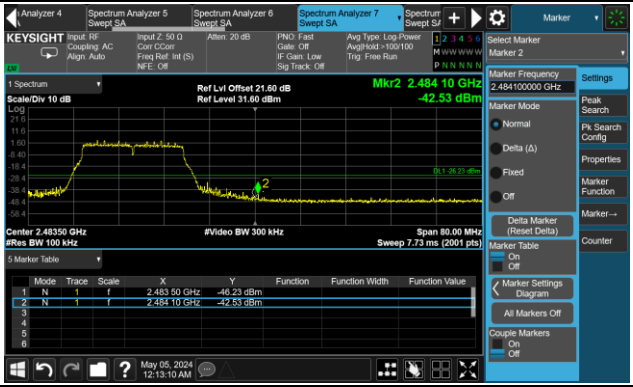
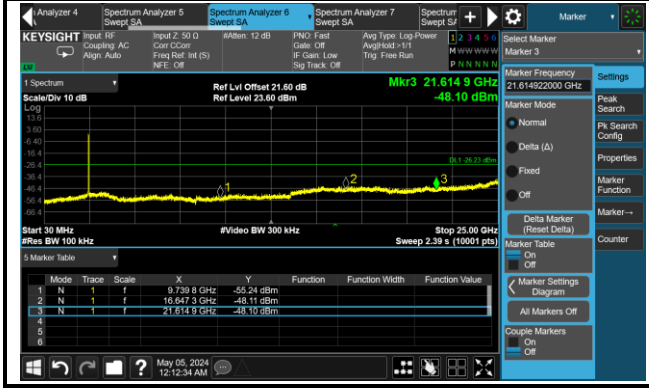


Spurious Emission

Channel 06 (2437MHz)

Reference Level

Spurious Emission

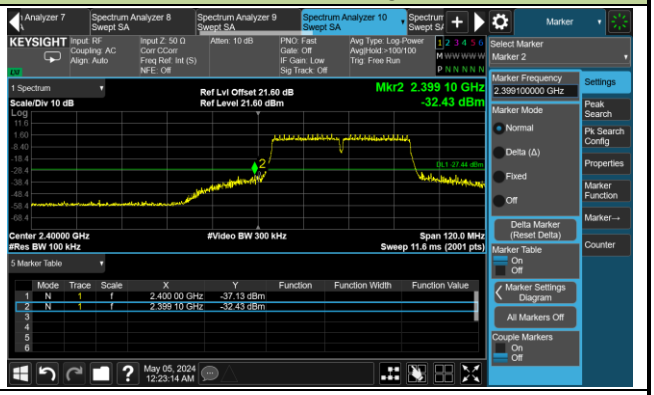
802.11n-HT20 Out-of-Band Emissions – Ant 12	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT40 Out-of-Band Emissions – Ant 12

Channel 03 (2422MHz)

Reference Level

Low Band Edge

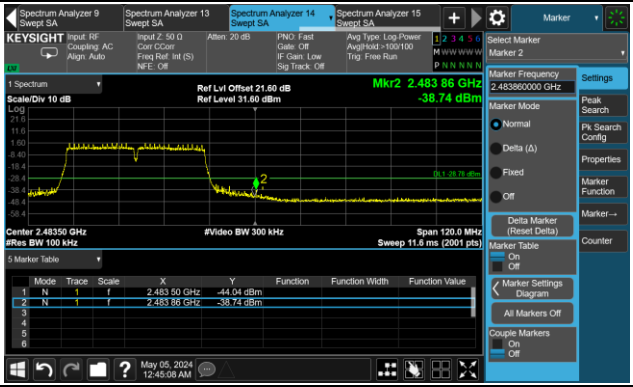


Spurious Emission

Channel 06 (2437MHz)

Reference Level

Spurious Emission

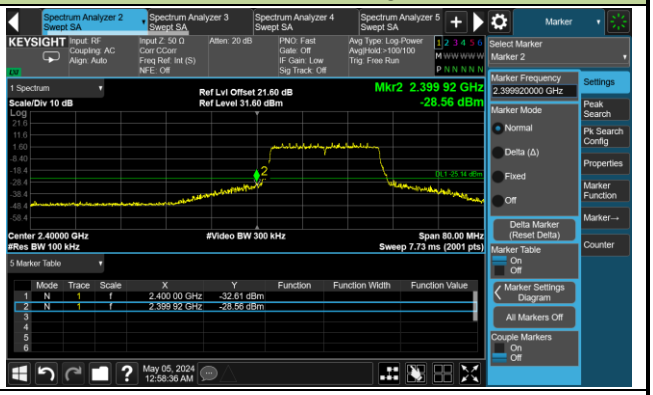
802.11n-HT40 Out-of-Band Emissions – Ant 12	
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	

802.11ax-HE20 Out-of-Band Emissions – Ant 12

Channel 01 (2412MHz)

Reference Level

Low Band Edge

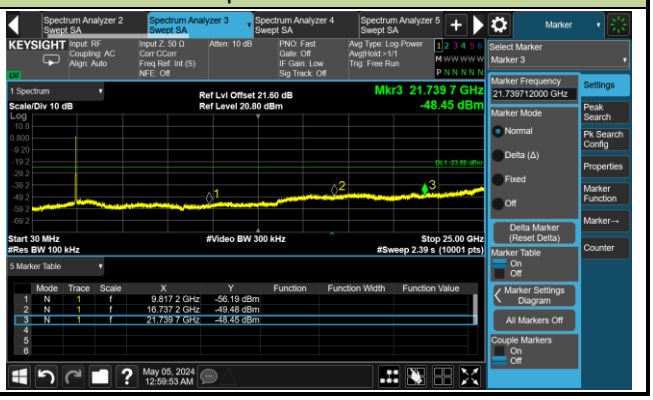


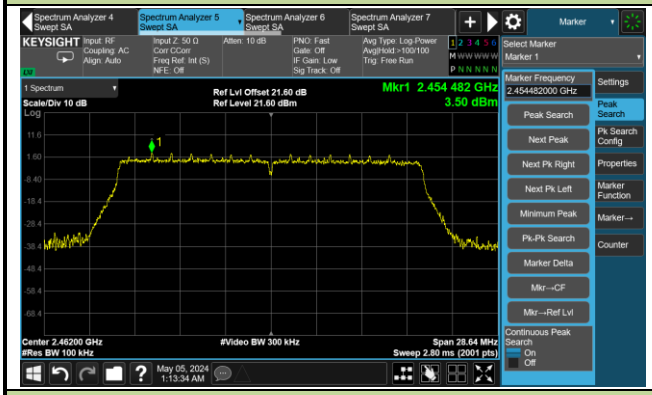
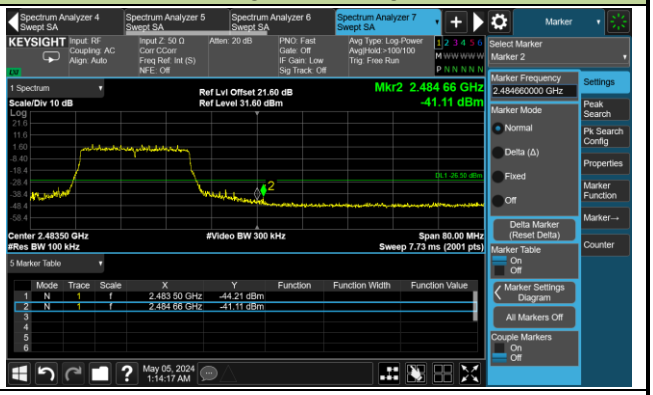
Spurious Emission

Channel 06 (2437MHz)

Reference Level

Spurious Emission



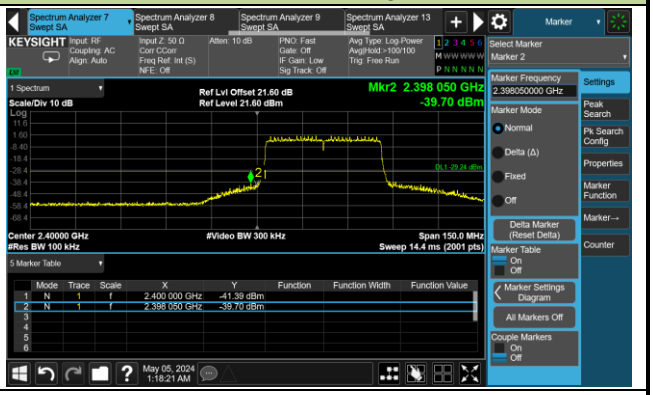
802.11ax-HE20 Out-of-Band Emissions – Ant 12	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	

802.11ax-HE40 Out-of-Band Emissions – Ant 12

Channel 03 (2422MHz)

Reference Level

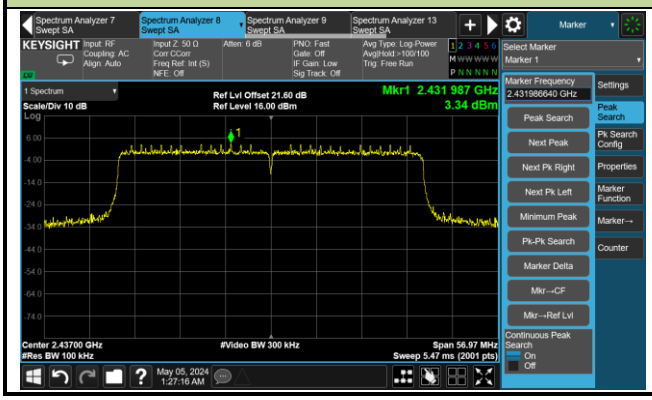
Low Band Edge



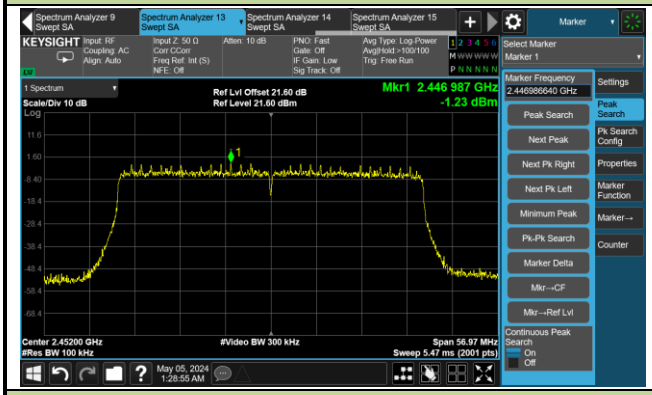
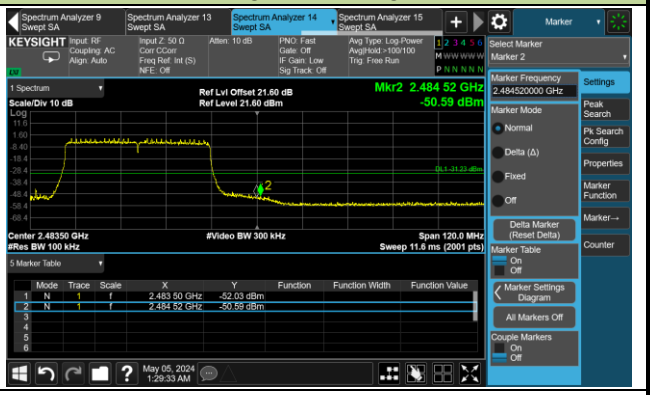
Spurious Emission

Channel 06 (2437MHz)

Reference Level



Spurious Emission

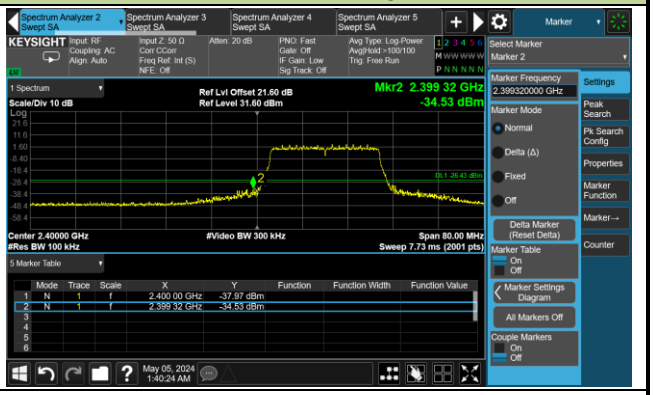
802.11ax-HE40 Out-of-Band Emissions – Ant 12	
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	

802.11be-EHT20 Out-of-Band Emissions – Ant 12

Channel 01 (2412MHz)

Reference Level

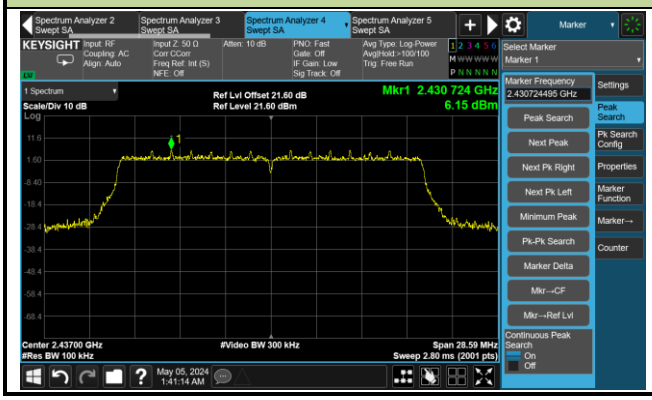
Low Band Edge



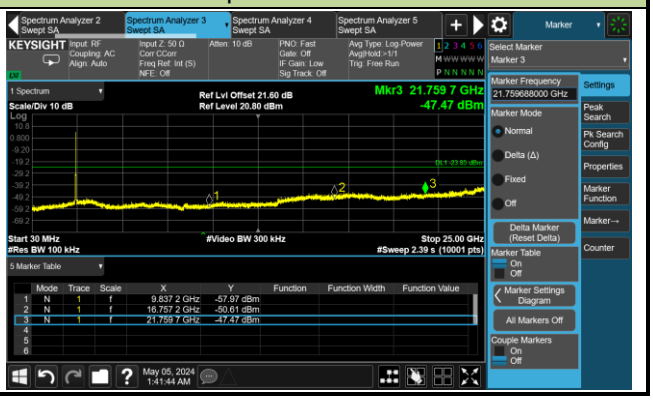
Spurious Emission

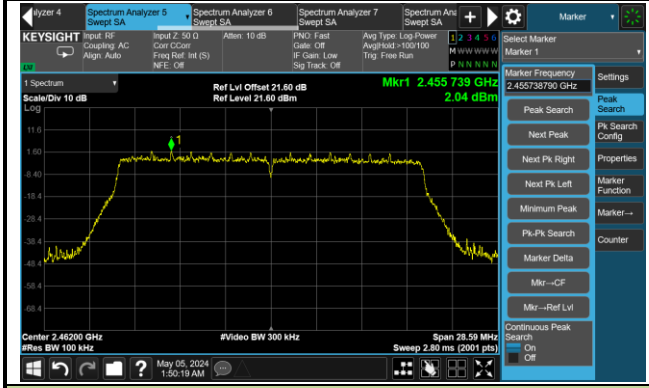
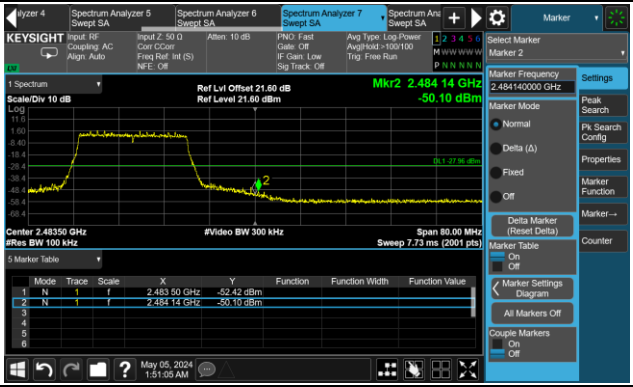
Channel 06 (2437MHz)

Reference Level



Spurious Emission

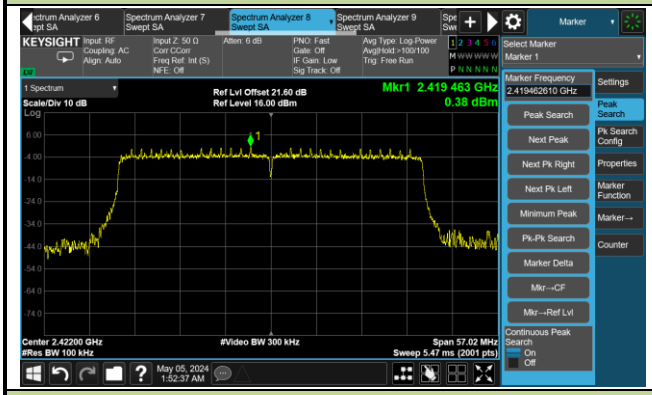


802.11be-EHT20 Out-of-Band Emissions – Ant 12	
Channel 11 (2462MHz)	
Reference Level	High Band Edge
	
Spurious Emission	

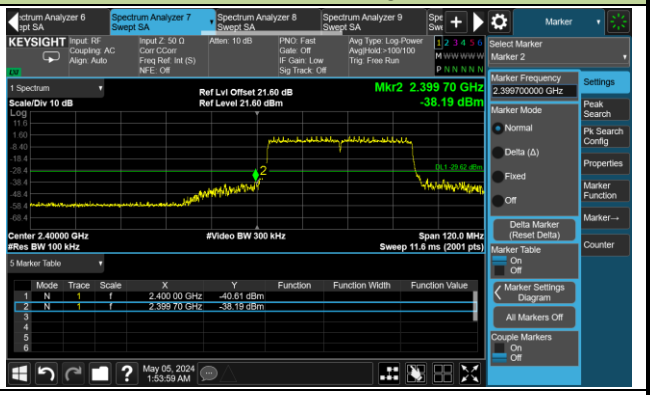
802.11be-EHT40 Out-of-Band Emissions – Ant 12

Channel 03 (2422MHz)

Reference Level



Low Band Edge

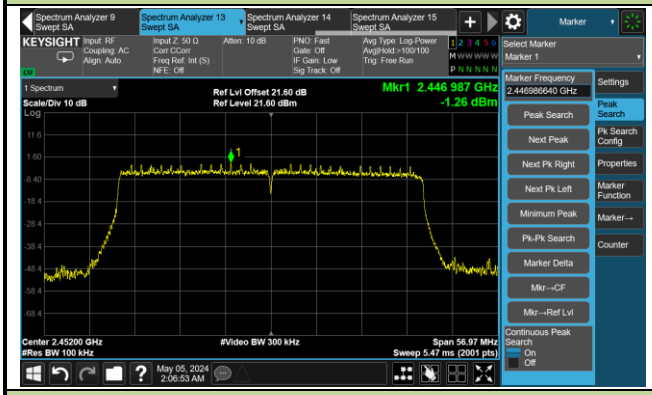
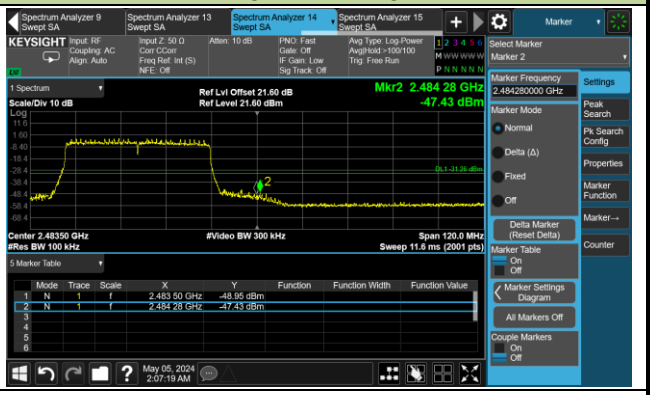


Spurious Emission

Channel 06 (2437MHz)

Reference Level

Spurious Emission

802.11be-EHT40 Out-of-Band Emissions – Ant 12	
Channel 09 (2452MHz)	
Reference Level	High Band Edge
	
Spurious Emission	

A.6 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11b
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
01	8199.5	43.2	0.6	43.8	74.0	-30.2	Peak	Horizontal
	11378.5	41.4	6.0	47.4	74.0	-26.6	Peak	Horizontal
	15637.0	38.8	5.9	44.7	74.0	-29.3	Peak	Horizontal
	8191.0	43.1	0.8	43.9	74.0	-30.1	Peak	Vertical
	10809.0	41.8	4.7	46.5	74.0	-27.5	Peak	Vertical
	15467.0	39.5	7.2	46.7	74.0	-27.3	Peak	Vertical
06	8250.5	42.9	0.4	43.3	74.0	-30.7	Peak	Horizontal
	11361.5	41.8	5.5	47.3	74.0	-26.7	Peak	Horizontal
	15858.0	40.3	6.1	46.4	74.0	-27.6	Peak	Horizontal
	8046.5	42.8	0.6	43.4	74.0	-30.6	Peak	Vertical
	10783.5	43.0	4.3	47.3	74.0	-26.7	Peak	Vertical
	15637.0	38.5	5.9	44.4	74.0	-29.6	Peak	Vertical
11	7681.0	43.9	-0.6	43.3	74.0	-30.7	Peak	Horizontal
	11157.5	41.8	5.2	47.0	74.0	-27.0	Peak	Horizontal
	15492.5	39.4	6.7	46.1	74.0	-27.9	Peak	Horizontal
	8174.0	42.7	0.9	43.6	74.0	-30.4	Peak	Vertical
	11217.0	41.1	5.7	46.8	74.0	-27.2	Peak	Vertical
	15424.5	40.9	6.8	47.7	74.0	-26.3	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)

Test Site	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11g
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
01	8276.0	42.7	0.7	43.4	74.0	-30.6	Peak	Horizontal
	11225.5	42.4	5.4	47.8	74.0	-26.2	Peak	Horizontal
	15637.0	38.7	5.9	44.6	74.0	-29.4	Peak	Horizontal
	8242.0	42.6	0.5	43.1	74.0	-30.9	Peak	Vertical
	11565.5	41.0	5.6	46.6	74.0	-27.4	Peak	Vertical
	15458.5	40.3	7.1	47.4	74.0	-26.6	Peak	Vertical
06	4672.0	44.7	-7.2	37.5	74.0	-36.5	Peak	Horizontal
	7621.5	43.2	-0.3	42.9	74.0	-31.1	Peak	Horizontal
	11361.5	41.2	5.5	46.7	74.0	-27.3	Peak	Horizontal
	4799.5	45.6	-7.2	38.4	74.0	-35.6	Peak	Vertical
	7307.0	44.4	-0.7	43.7	74.0	-30.3	Peak	Vertical
	11472.0	42.4	5.5	47.9	74.0	-26.1	Peak	Vertical
11	4876.0	45.3	-6.8	38.5	74.0	-35.5	Peak	Horizontal
	8199.5	41.4	0.6	42.0	74.0	-32.0	Peak	Horizontal
	11251.0	41.9	4.8	46.7	74.0	-27.3	Peak	Horizontal
	4850.5	45.3	-7.3	38.0	74.0	-36.0	Peak	Vertical
	8182.5	41.9	0.8	42.7	74.0	-31.3	Peak	Vertical
	12313.5	41.7	5.0	46.7	74.0	-27.3	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)

Test Site	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11n-HT20
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
01	4842.0	45.8	-7.3	38.5	74.0	-35.5	Peak	Horizontal
	7460.0	43.6	-0.4	43.2	74.0	-30.8	Peak	Horizontal
	11370.0	41.6	5.8	47.4	74.0	-26.6	Peak	Horizontal
	4595.5	45.9	-7.8	38.1	74.0	-35.9	Peak	Vertical
	8199.5	40.7	0.6	41.3	74.0	-32.7	Peak	Vertical
	11557.0	40.9	5.8	46.7	74.0	-27.3	Peak	Vertical
06	4918.5	45.3	-7.1	38.2	74.0	-35.8	Peak	Horizontal
	8131.5	42.7	0.7	43.4	74.0	-30.6	Peak	Horizontal
	11123.5	40.2	5.0	45.2	74.0	-28.8	Peak	Horizontal
	4893.0	45.6	-7.2	38.4	74.0	-35.6	Peak	Vertical
	8131.5	43.5	0.7	44.2	74.0	-29.8	Peak	Vertical
	11659.0	41.7	5.0	46.7	74.0	-27.3	Peak	Vertical
11	4884.5	45.0	-7.0	38.0	74.0	-36.0	Peak	Horizontal
	8123.0	42.1	1.0	43.1	74.0	-30.9	Peak	Horizontal
	11387.0	40.4	6.2	46.6	74.0	-27.4	Peak	Horizontal
	4663.5	45.0	-7.2	37.8	74.0	-36.2	Peak	Vertical
	8233.5	42.7	0.5	43.2	74.0	-30.8	Peak	Vertical
	11132.0	42.3	4.8	47.1	74.0	-26.9	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	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11n-HT40
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
03	4672.0	45.4	-7.2	38.2	74.0	-35.8	Peak	Horizontal
	8182.5	42.8	0.8	43.6	74.0	-30.4	Peak	Horizontal
	11361.5	41.3	5.5	46.8	74.0	-27.2	Peak	Horizontal
	4646.5	45.1	-7.4	37.7	74.0	-36.3	Peak	Vertical
	8386.5	43.1	0.0	43.1	74.0	-30.9	Peak	Vertical
	11446.5	41.0	5.8	46.8	74.0	-27.2	Peak	Vertical
06	4672.0	45.1	-7.2	37.9	74.0	-36.1	Peak	Horizontal
	7621.5	43.4	-0.3	43.1	74.0	-30.9	Peak	Horizontal
	11438.0	41.4	6.0	47.4	74.0	-26.6	Peak	Horizontal
	4842.0	45.7	-7.3	38.4	74.0	-35.6	Peak	Vertical
	8276.0	42.4	0.7	43.1	74.0	-30.9	Peak	Vertical
	11557.0	41.5	5.8	47.3	74.0	-26.7	Peak	Vertical
09	4663.5	45.5	-7.2	38.3	74.0	-35.7	Peak	Horizontal
	8276.0	43.0	0.7	43.7	74.0	-30.3	Peak	Horizontal
	11727.0	41.6	5.5	47.1	74.0	-26.9	Peak	Horizontal
	4655.0	45.4	-7.2	38.2	74.0	-35.8	Peak	Vertical
	8123.0	42.3	1.0	43.3	74.0	-30.7	Peak	Vertical
	11336.0	41.9	5.5	47.4	74.0	-26.6	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	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11ax-HE20
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
01	4655.0	45.6	-7.2	38.4	74.0	-35.6	Peak	Horizontal
	8267.5	43.2	0.5	43.7	74.0	-30.3	Peak	Horizontal
	11650.5	43.0	5.1	48.1	74.0	-25.9	Peak	Horizontal
	4833.5	45.4	-7.3	38.1	74.0	-35.9	Peak	Vertical
	8267.5	43.5	0.5	44.0	74.0	-30.0	Peak	Vertical
	11608.0	41.2	5.5	46.7	74.0	-27.3	Peak	Vertical
06	4672.0	45.2	-7.2	38.0	74.0	-36.0	Peak	Horizontal
	8191.0	43.5	0.8	44.3	74.0	-29.7	Peak	Horizontal
	11336.0	41.6	5.5	47.1	74.0	-26.9	Peak	Horizontal
	4646.5	45.1	-7.4	37.7	74.0	-36.3	Peak	Vertical
	8140.0	42.9	0.5	43.4	74.0	-30.6	Peak	Vertical
	11463.5	41.4	5.5	46.9	74.0	-27.1	Peak	Vertical
11	4799.5	46.0	-7.2	38.8	74.0	-35.2	Peak	Horizontal
	8233.5	43.1	0.5	43.6	74.0	-30.4	Peak	Horizontal
	11642.0	40.9	5.3	46.2	74.0	-27.8	Peak	Horizontal
	4876.0	44.9	-6.8	38.1	74.0	-35.9	Peak	Vertical
	8123.0	42.2	1.0	43.2	74.0	-30.8	Peak	Vertical
	11030.0	41.3	5.2	46.5	74.0	-27.5	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	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11ax-HE40
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
03	4893.0	45.3	-7.2	38.1	74.0	-35.9	Peak	Horizontal
	8148.5	43.0	0.3	43.3	74.0	-30.7	Peak	Horizontal
	11446.5	41.8	5.8	47.6	74.0	-26.4	Peak	Horizontal
	4774.0	45.7	-7.4	38.3	74.0	-35.7	Peak	Vertical
	7528.0	43.1	-0.3	42.8	74.0	-31.2	Peak	Vertical
	11098.0	41.0	5.6	46.6	74.0	-27.4	Peak	Vertical
06	4825.0	44.8	-7.3	37.5	74.0	-36.5	Peak	Horizontal
	8267.5	42.5	0.5	43.0	74.0	-31.0	Peak	Horizontal
	11387.0	41.3	6.2	47.5	74.0	-26.5	Peak	Horizontal
	4816.5	45.5	-7.2	38.3	74.0	-35.7	Peak	Vertical
	8378.0	42.8	-0.1	42.7	74.0	-31.3	Peak	Vertical
	11438.0	40.7	6.0	46.7	74.0	-27.3	Peak	Vertical
09	4723.0	45.5	-7.5	38.0	74.0	-36.0	Peak	Horizontal
	8199.5	42.8	0.6	43.4	74.0	-30.6	Peak	Horizontal
	11378.5	41.4	6.0	47.4	74.0	-26.6	Peak	Horizontal
	4663.5	45.1	-7.2	37.9	74.0	-36.1	Peak	Vertical
	9100.5	41.5	1.5	43.0	74.0	-31.0	Peak	Vertical
	11446.5	41.9	5.8	47.7	74.0	-26.3	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)

Test Site	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11be-EHT20
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
01	7400.5	43.2	-0.6	42.6	74.0	-31.4	Peak	Horizontal
	9491.5	41.7	2.3	44.0	74.0	-30.0	Peak	Horizontal
	11404.0	41.5	5.7	47.2	74.0	-26.8	Peak	Horizontal
	7519.5	42.9	-0.4	42.5	74.0	-31.5	Peak	Vertical
	8352.5	42.5	0.1	42.6	74.0	-31.4	Peak	Vertical
	11055.5	42.1	4.9	47.0	74.0	-27.0	Peak	Vertical
06	4859.0	45.6	-7.2	38.4	74.0	-35.6	Peak	Horizontal
	7315.5	44.0	-0.7	43.3	74.0	-30.7	Peak	Horizontal
	11956.5	42.1	5.0	47.1	74.0	-26.9	Peak	Horizontal
	4774.0	45.4	-7.4	38.0	74.0	-36.0	Peak	Vertical
	7409.0	42.7	-0.6	42.1	74.0	-31.9	Peak	Vertical
	10800.5	42.4	4.5	46.9	74.0	-27.1	Peak	Vertical
11	4876.0	45.4	-6.8	38.6	74.0	-35.4	Peak	Horizontal
	8182.5	42.2	0.8	43.0	74.0	-31.0	Peak	Horizontal
	10809.0	42.3	4.7	47.0	74.0	-27.0	Peak	Horizontal
	4893.0	46.1	-7.2	38.9	74.0	-35.1	Peak	Vertical
	7613.0	43.1	-0.1	43.0	74.0	-31.0	Peak	Vertical
	11370.0	41.1	5.8	46.9	74.0	-27.1	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	SIP-AC2	Test Engineer	Oliver Cheng
Test Date	2024-04-09	Test Mode	802.11be-EHT40
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.		

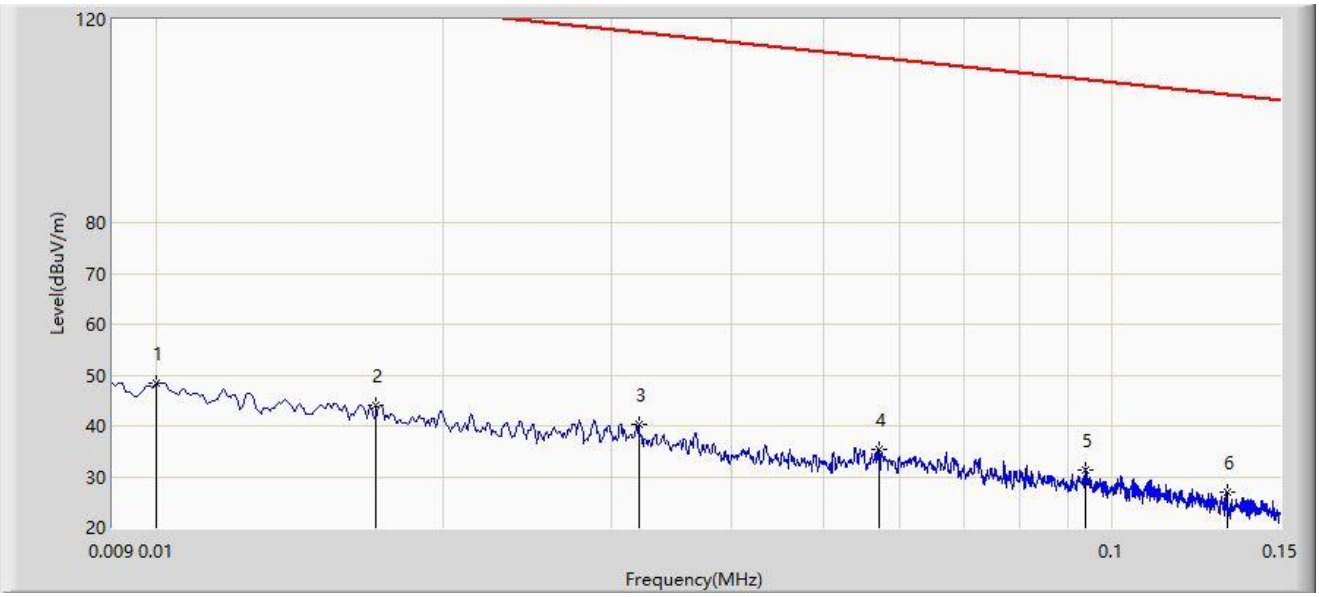
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	4884.5	45.8	-7.0	38.8	74.0	-35.2	Peak	Horizontal
	8080.5	43.6	0.5	44.1	74.0	-29.9	Peak	Horizontal
	11557.0	41.4	5.8	47.2	74.0	-26.8	Peak	Horizontal
	3881.5	45.9	-9.7	36.2	74.0	-37.8	Peak	Vertical
	7409.0	43.7	-0.6	43.1	74.0	-30.9	Peak	Vertical
	11565.5	41.5	5.6	47.1	74.0	-26.9	Peak	Vertical
06	4646.5	44.9	-7.4	37.5	74.0	-36.5	Peak	Horizontal
	7511.0	43.5	-0.5	43.0	74.0	-31.0	Peak	Horizontal
	11123.5	42.2	5.0	47.2	74.0	-26.8	Peak	Horizontal
	4867.5	45.4	-7.0	38.4	74.0	-35.6	Peak	Vertical
	8208.0	43.6	0.5	44.1	74.0	-29.9	Peak	Vertical
	10809.0	42.3	4.7	47.0	74.0	-27.0	Peak	Vertical
09	4833.5	45.4	-7.3	38.1	74.0	-35.9	Peak	Horizontal
	8276.0	42.9	0.7	43.6	74.0	-30.4	Peak	Horizontal
	11446.5	41.4	5.8	47.2	74.0	-26.8	Peak	Horizontal
	3941.0	45.9	-10.0	35.9	74.0	-38.1	Peak	Vertical
	7392.0	42.7	-0.6	42.1	74.0	-31.9	Peak	Vertical
	11557.0	40.9	5.8	46.7	74.0	-27.3	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)

The Result of Radiated Emission for below 30M:

Site: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: FMZB1519B_9kHz-30MHz-NEW	Polarity: Coaxial
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		0.010	48.456	28.442	-79.129	127.585	20.014	PK
2		0.017	43.954	24.221	-79.025	122.979	19.733	PK
3		0.032	40.341	21.210	-77.147	117.488	19.131	PK
4		0.057	35.397	16.589	-77.079	112.476	18.808	PK
5	*	0.094	31.342	12.566	-76.792	108.133	18.776	PK
6		0.132	26.823	7.995	-78.363	105.186	18.828	PK

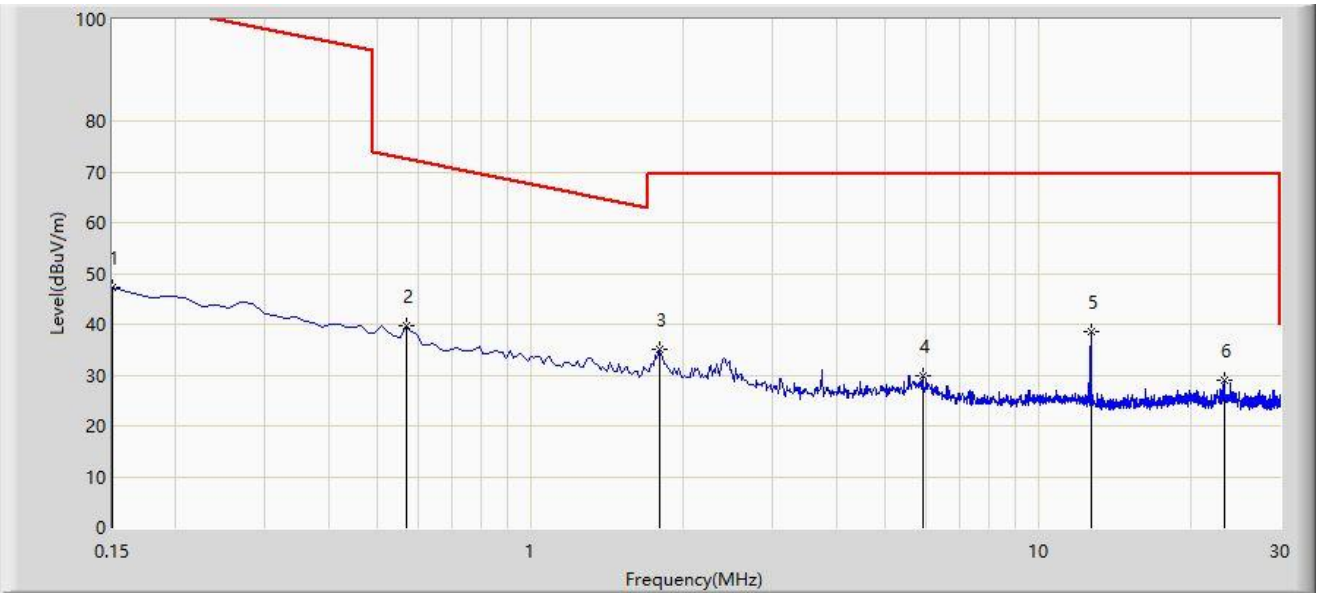
Note 1: " * ", means this data is the worst emission level.

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: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: FMZB1519B_9kHz-30MHz-NEW	Polarity: Coaxial
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.150	47.328	28.517	-56.748	104.076	18.811	PK
2		0.568	39.822	20.941	-32.699	72.521	18.881	PK
3		1.792	35.131	16.076	-34.369	69.500	19.055	PK
4		5.941	29.972	11.085	-39.528	69.500	18.887	PK
5	*	12.702	38.606	19.813	-30.894	69.500	18.793	PK
6		23.239	29.120	10.138	-40.380	69.500	18.982	PK

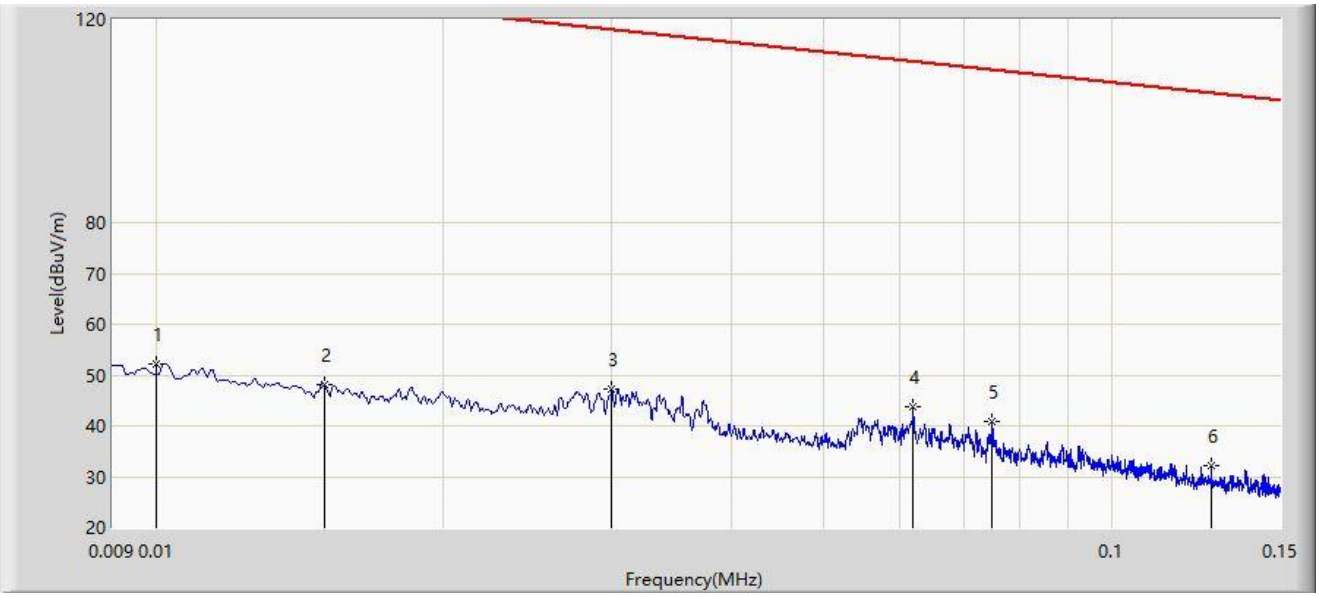
Note 1: " * ", means this data is the worst emission level.

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: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: FMZB1519B_9kHz-30MHz-NEW	Polarity: Coplanar
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.010	52.314	32.300	-75.271	127.585	20.014	PK
2		0.015	48.236	28.423	-75.829	124.065	19.813	PK
3		0.030	47.121	27.910	-70.927	118.048	19.211	PK
4	*	0.062	43.851	25.055	-67.895	111.746	18.796	PK
5		0.075	40.755	21.976	-69.339	110.094	18.779	PK
6		0.127	32.305	13.478	-73.216	105.521	18.828	PK

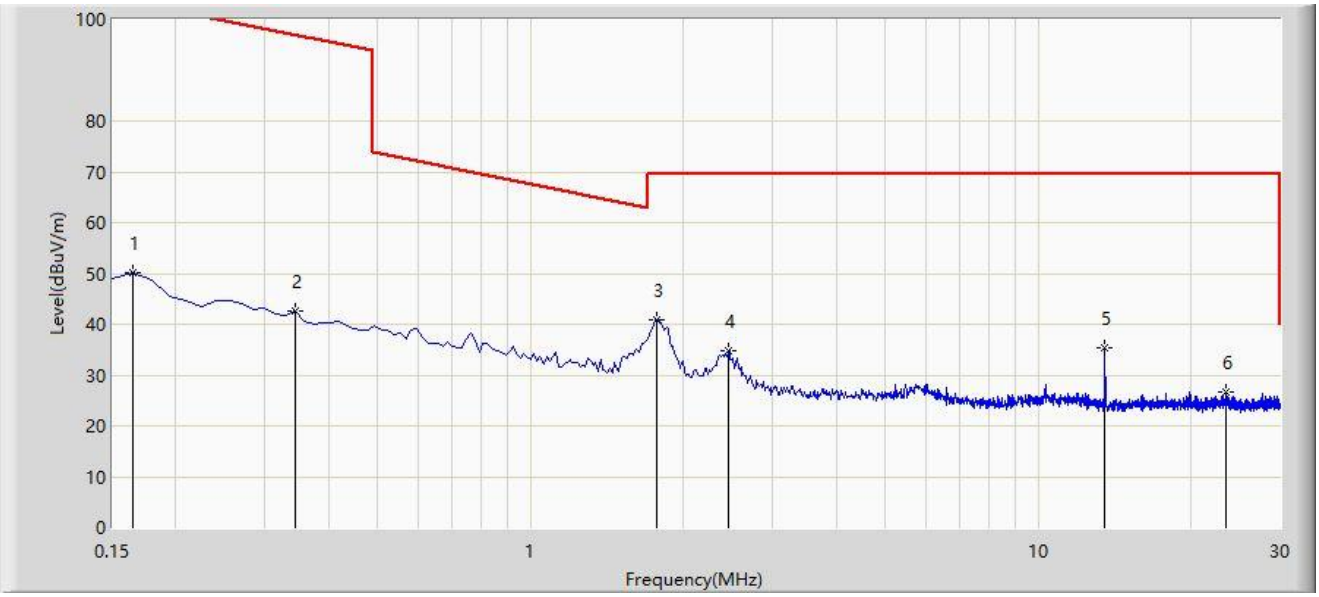
Note 1: " * ", means this data is the worst emission level.

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: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: FMZB1519B_9kHz-30MHz-NEW	Polarity: Coplanar
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		0.165	50.110	31.326	-53.139	103.249	18.784	PK
2		0.344	42.509	23.848	-54.362	96.871	18.661	PK
3	*	1.777	40.930	21.876	-28.570	69.500	19.054	PK
4		2.463	34.718	15.635	-34.782	69.500	19.083	PK
5		13.553	35.297	16.683	-34.203	69.500	18.614	PK
6		23.537	26.634	7.784	-42.866	69.500	18.850	PK

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

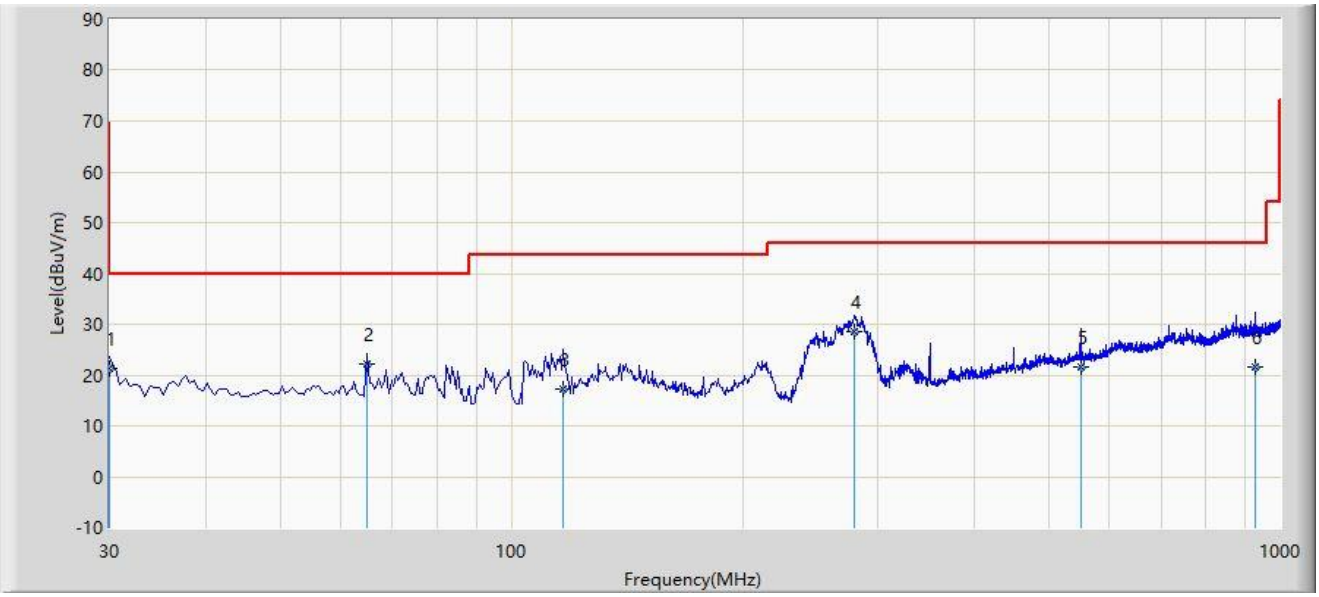
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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.

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

Site: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: VULB 9168_00999_25-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



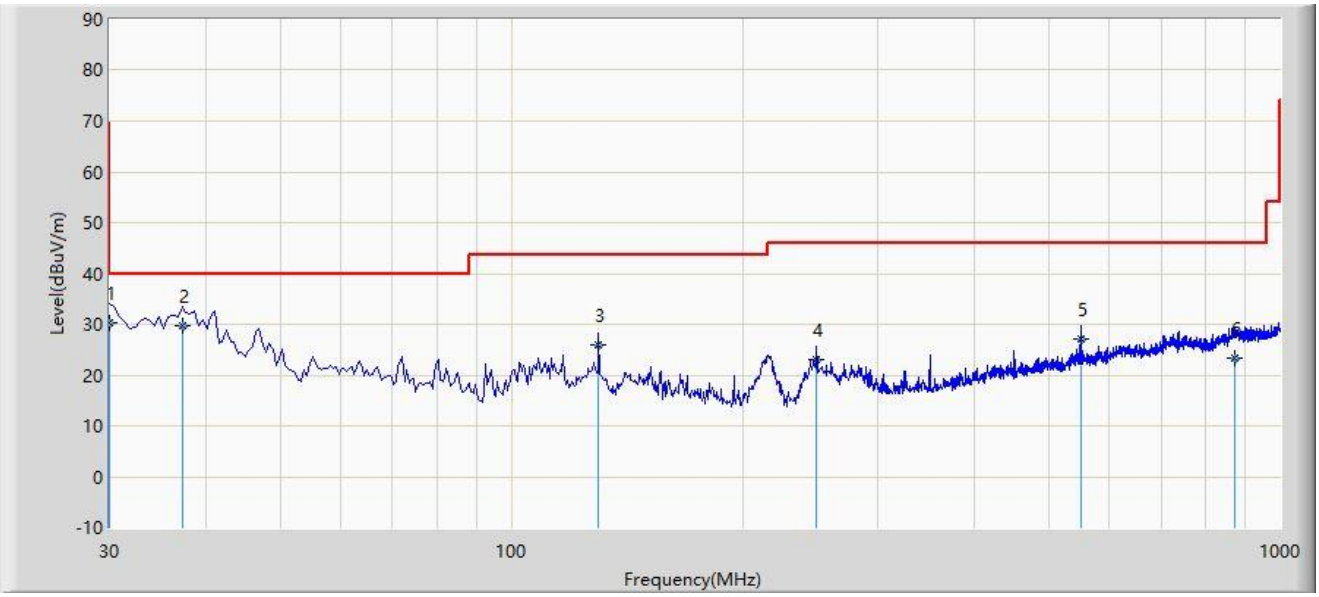
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		30.000	21.222	4.200	-18.778	40.000	17.021	QP
2		64.920	22.276	5.300	-17.724	40.000	16.976	QP
3		116.815	17.185	1.600	-26.315	43.500	15.586	QP
4	*	278.805	28.572	10.300	-17.428	46.000	18.272	QP
5		549.920	21.528	-3.200	-24.472	46.000	24.728	QP
6		928.220	21.561	-8.700	-24.439	46.000	30.261	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).

Site: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Oliver Cheng
Probe: VULB 9168_00999_25-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	30.000	30.422	13.400	-9.578	40.000	17.021	QP
2		37.275	29.687	12.300	-10.313	40.000	17.387	QP
3		129.910	25.826	8.900	-17.674	43.500	16.927	QP
4		249.705	22.990	5.900	-23.010	46.000	17.089	QP
5		549.920	27.028	2.300	-18.972	46.000	24.728	QP
6		874.385	23.377	-6.900	-22.623	46.000	30.277	QP

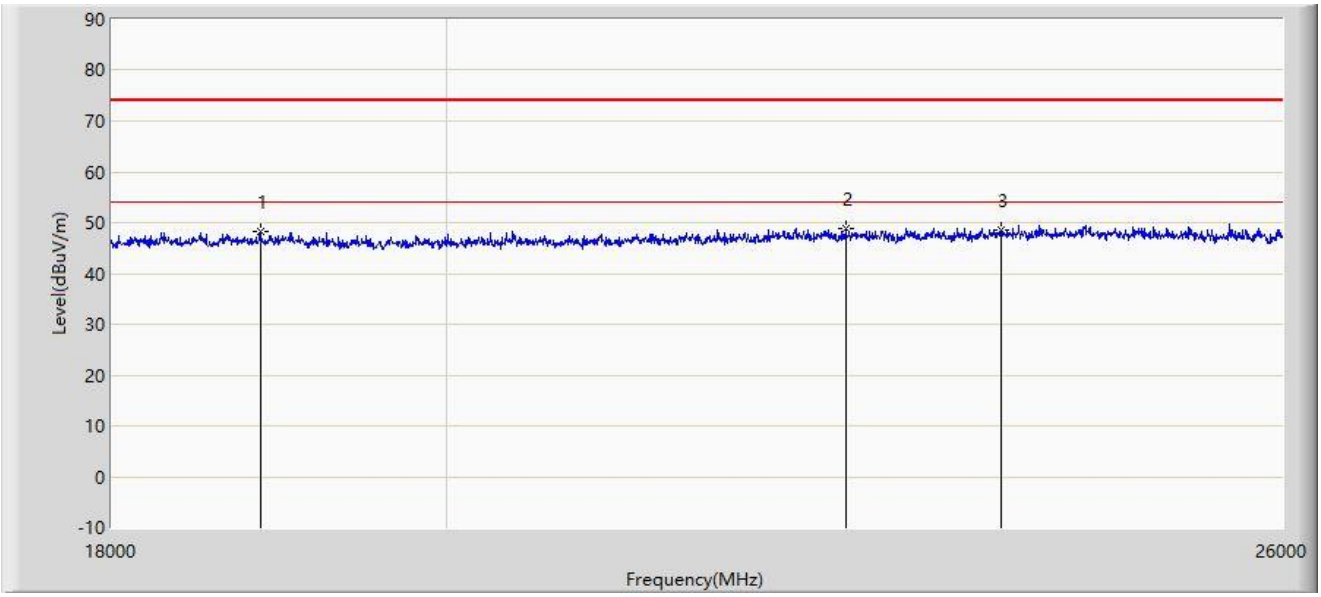
Note 1: " * ", means this data is the worst emission level.

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

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

The Result of Radiated Emission for 18~25 GHz:

Site: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)_2.4G	Engineer: Fusco Pan
Probe: BBHA 9170_00934_18-40GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		18860.000	48.278	59.822	-25.722	74.000	-11.544	PK
2	*	22668.000	48.721	57.330	-25.279	74.000	-8.609	PK
3		23808.000	48.581	56.774	-25.419	74.000	-8.193	PK

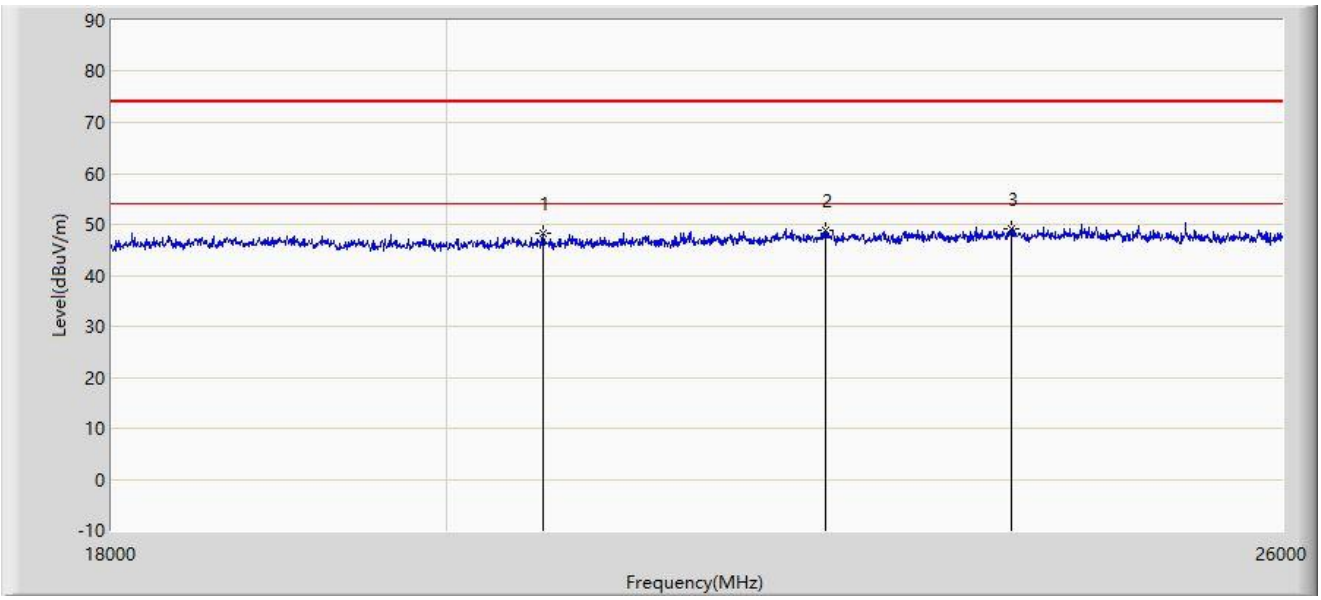
Note 1: " * ", means this data is the worst emission level.

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: SIP-AC2	Test Date: 2024-04-10
Limit: FCC_Part15.209_RSE(3m)_2.4G	Engineer: Fusco Pan
Probe: BBHA 9170_00934_18-40GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		20616.000	48.186	58.647	-25.814	74.000	-10.461	PK
2		22528.000	48.733	57.361	-25.267	74.000	-8.627	PK
3	*	23880.000	49.274	57.731	-24.726	74.000	-8.457	PK

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

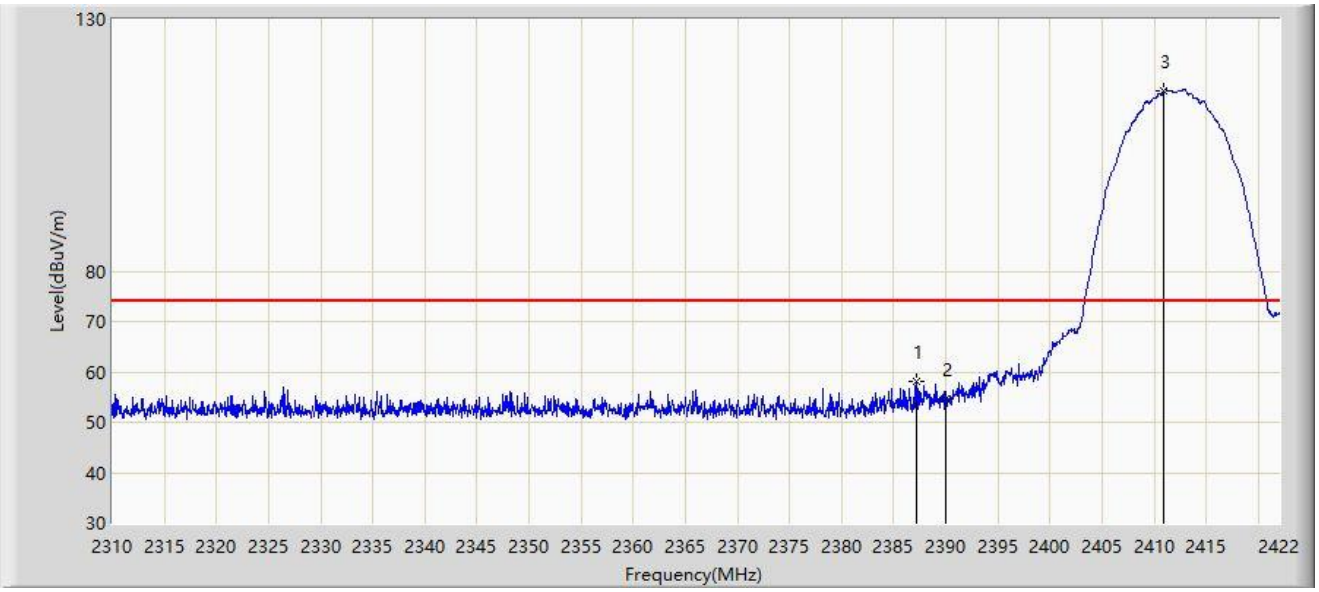
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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.

A.7 Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



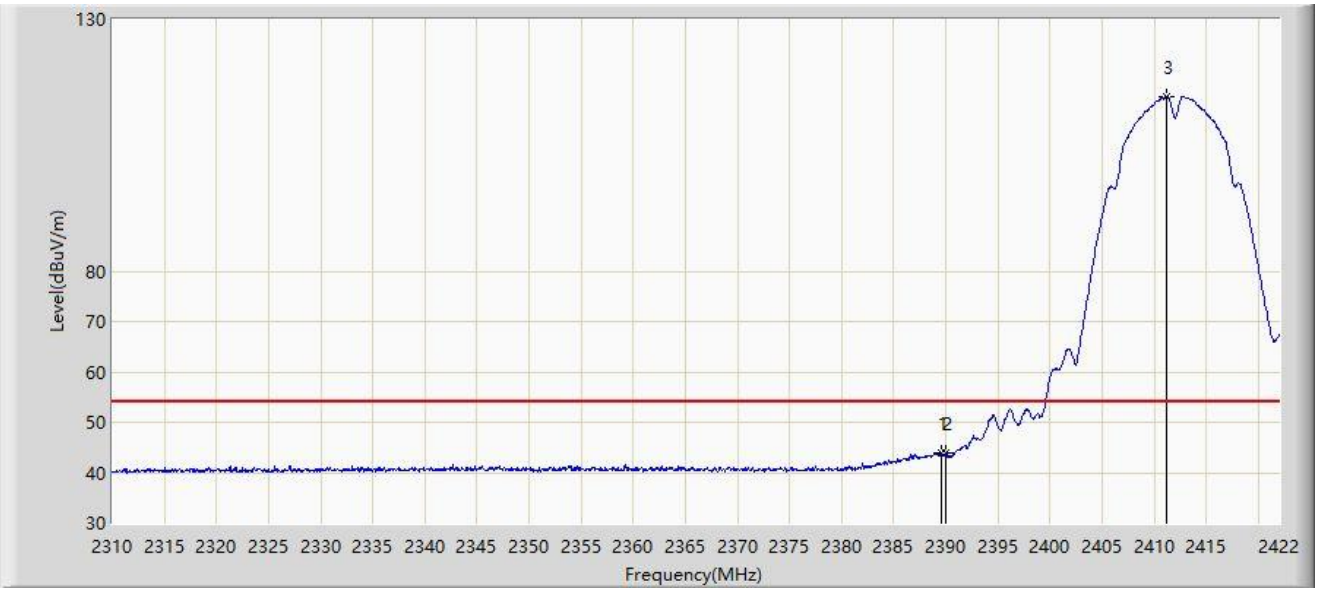
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2387.168	58.167	26.394	-15.833	74.000	31.773	PK
2		2390.000	54.615	22.862	-19.385	74.000	31.753	PK
3		2410.968	115.924	84.216	N/A	N/A	31.708	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



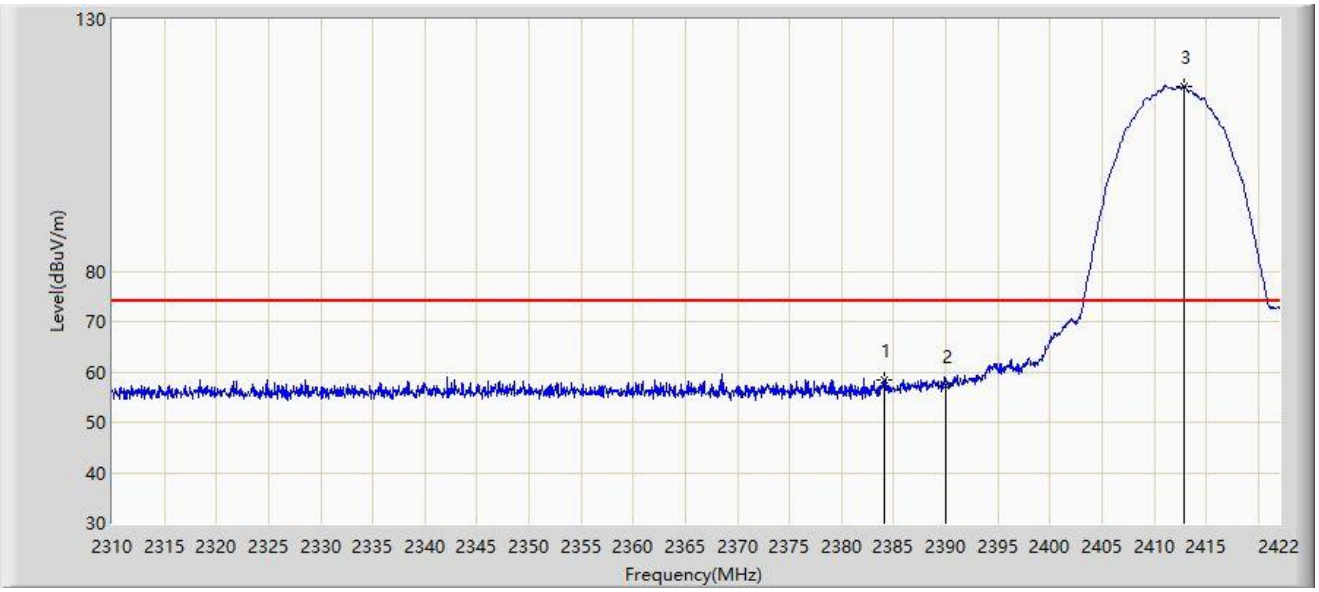
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2389.520	43.946	12.190	-10.054	54.000	31.756	AV
2		2390.000	43.814	12.061	-10.186	54.000	31.753	AV
3		2411.136	114.673	82.965	N/A	N/A	31.708	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



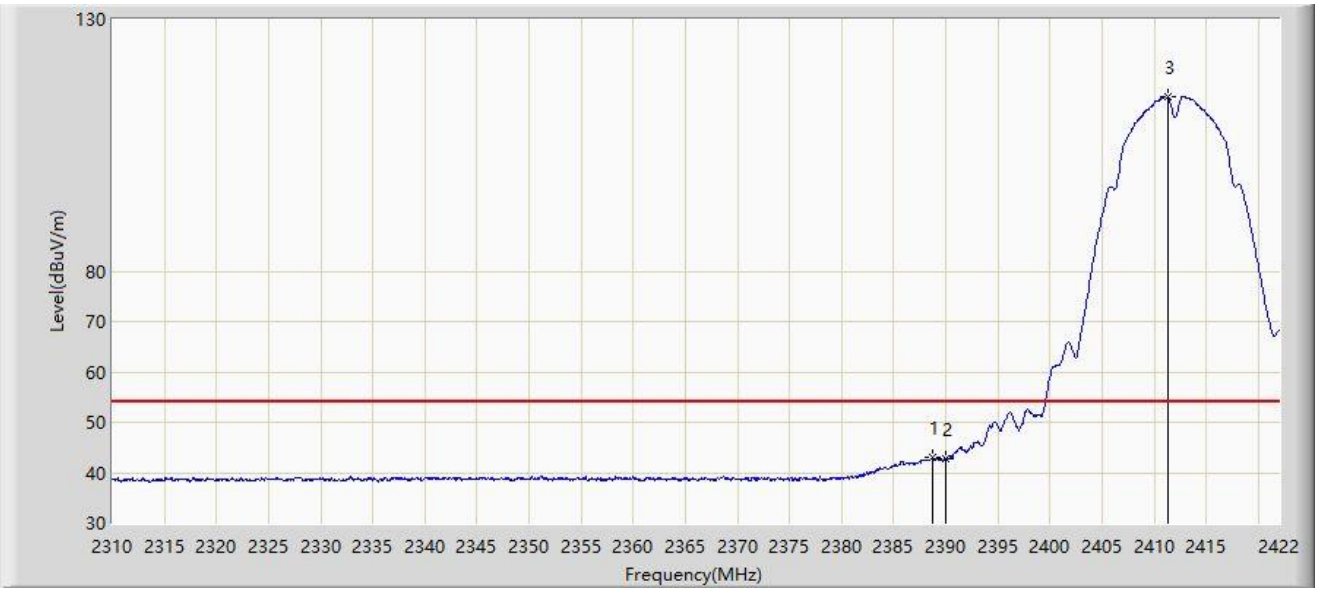
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2384.144	58.438	26.644	-15.562	74.000	31.793	PK
2		2390.000	57.124	25.371	-16.876	74.000	31.753	PK
3		2412.872	116.808	85.104	N/A	N/A	31.704	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



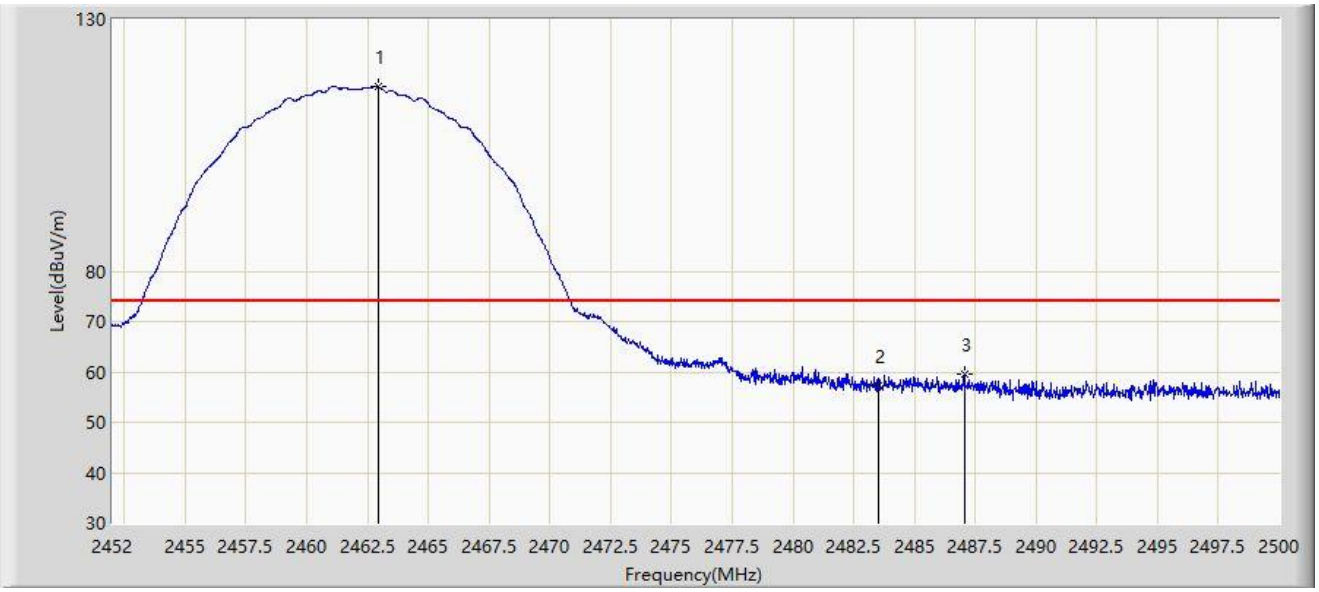
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2388.736	42.961	11.199	-11.039	54.000	31.762	AV
2		2390.000	42.787	11.034	-11.213	54.000	31.753	AV
3		2411.304	114.780	83.072	N/A	N/A	31.707	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



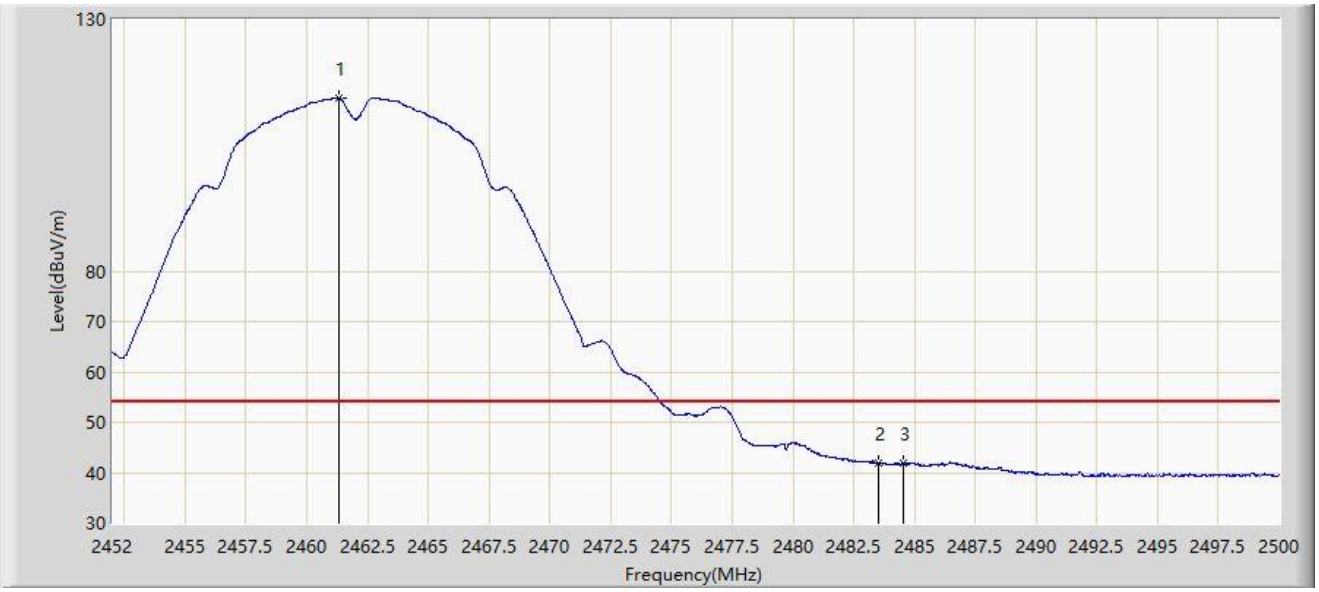
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2462.944	116.651	84.877	N/A	N/A	31.774	PK
2		2483.500	57.355	25.590	-16.645	74.000	31.765	PK
3	*	2487.040	59.667	27.873	-14.333	74.000	31.794	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



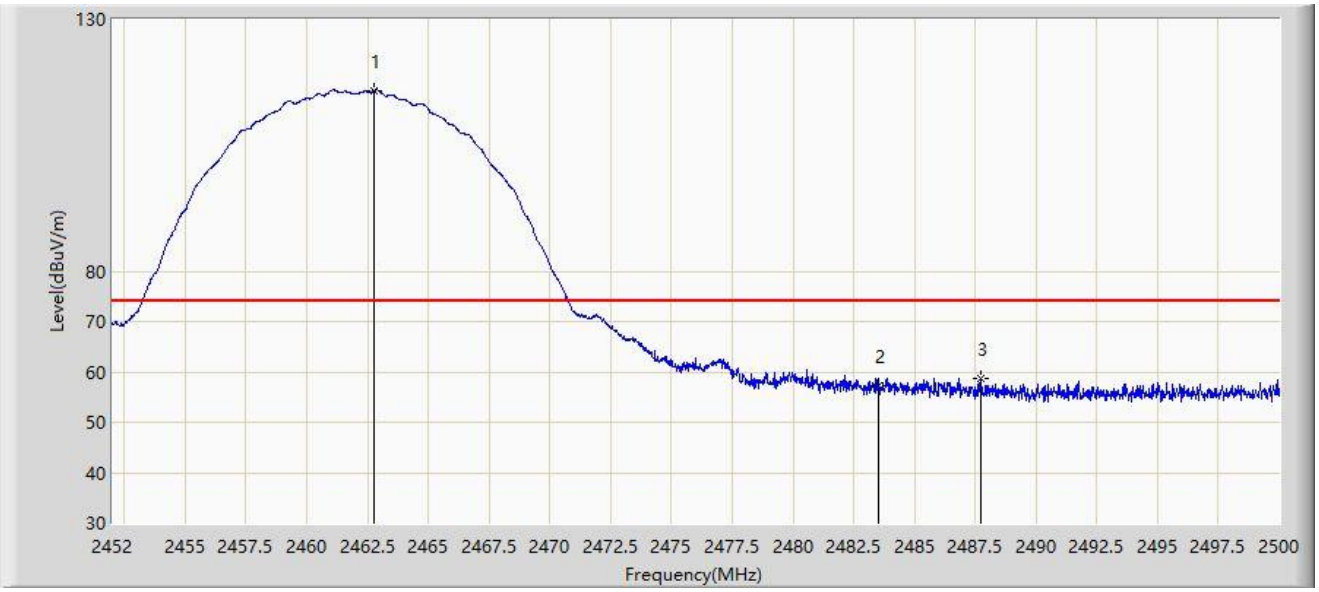
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.312	114.389	82.618	N/A	N/A	31.771	AV
2		2483.500	41.955	10.190	-12.045	54.000	31.765	AV
3	*	2484.520	42.015	10.241	-11.985	54.000	31.774	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



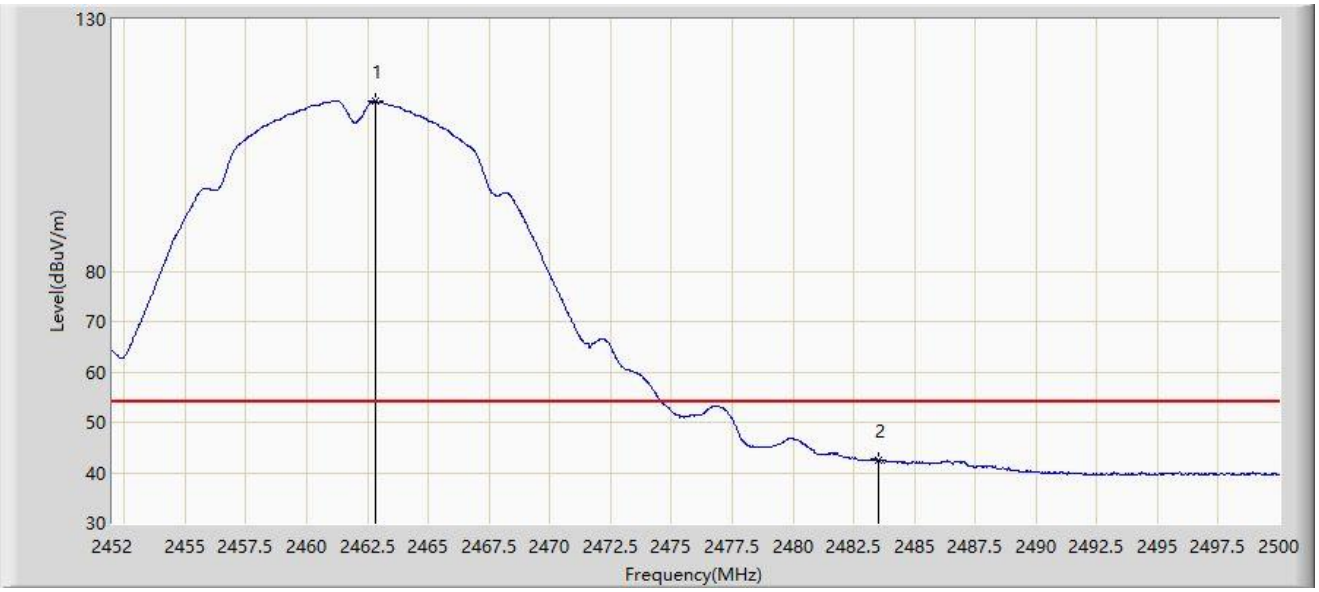
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2462.776	115.879	84.105	N/A	N/A	31.774	PK
2		2483.500	57.297	25.532	-16.703	74.000	31.765	PK
3	*	2487.712	58.730	26.930	-15.270	74.000	31.800	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



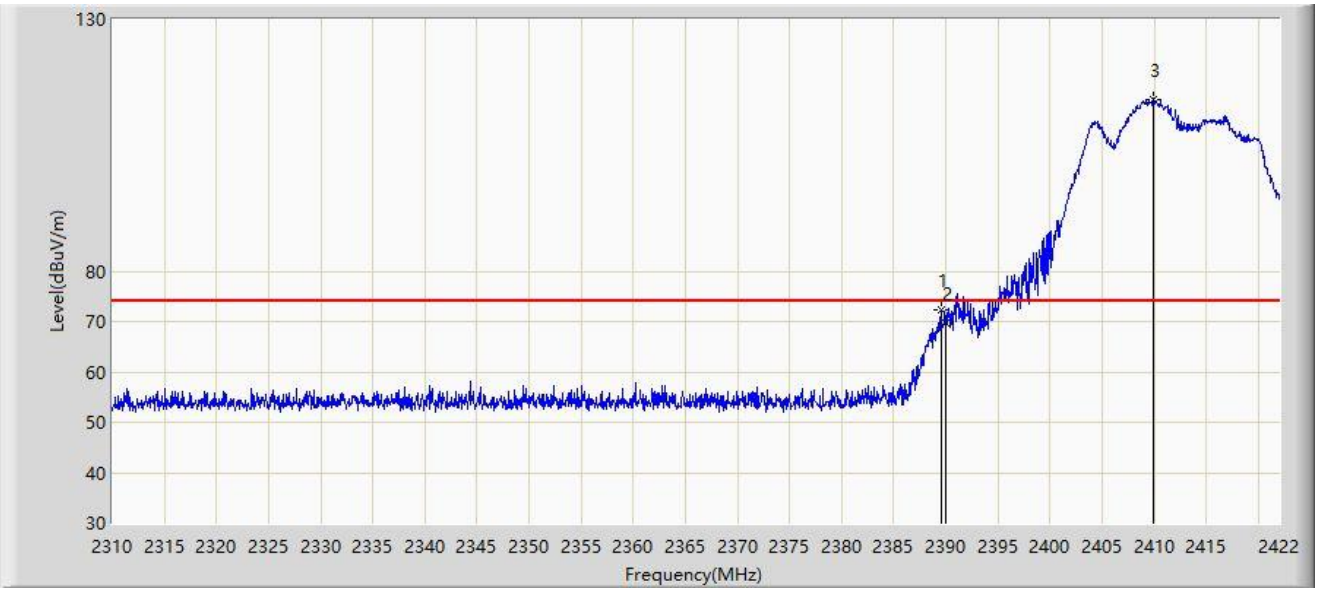
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2462.800	113.711	81.937	N/A	N/A	31.774	AV
2	*	2483.500	42.531	10.766	-11.469	54.000	31.765	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



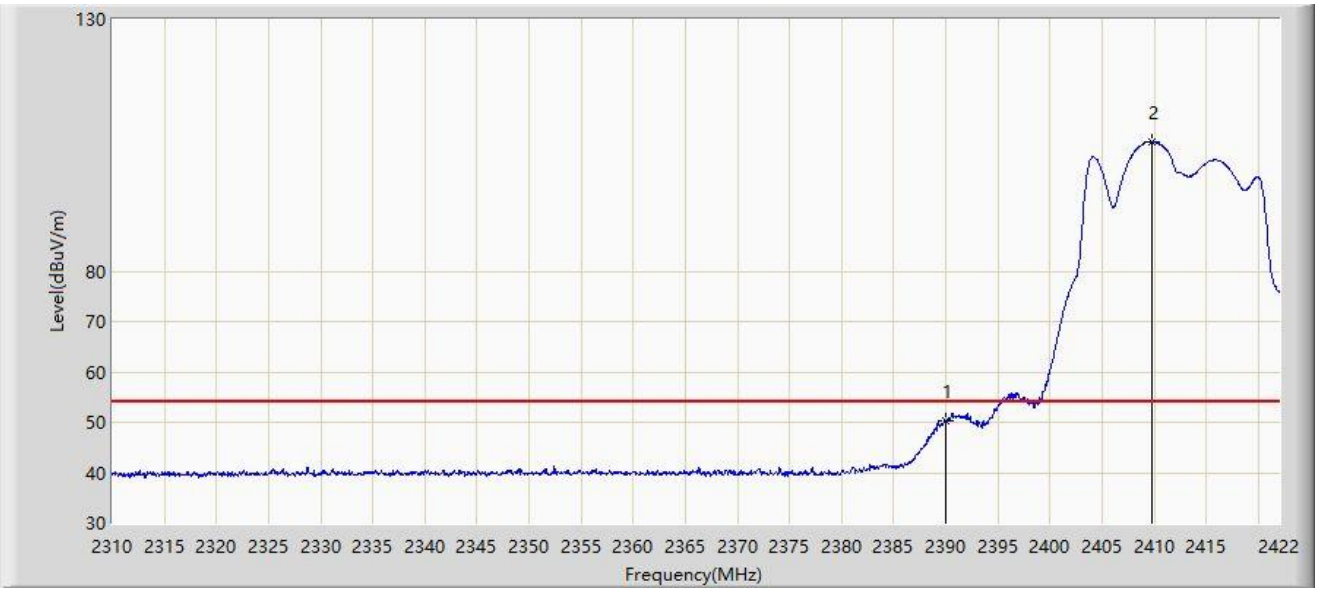
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2389.520	72.401	40.645	-1.599	74.000	31.756	PK
2		2390.000	69.604	37.851	-4.396	74.000	31.753	PK
3		2409.904	114.179	82.469	N/A	N/A	31.709	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



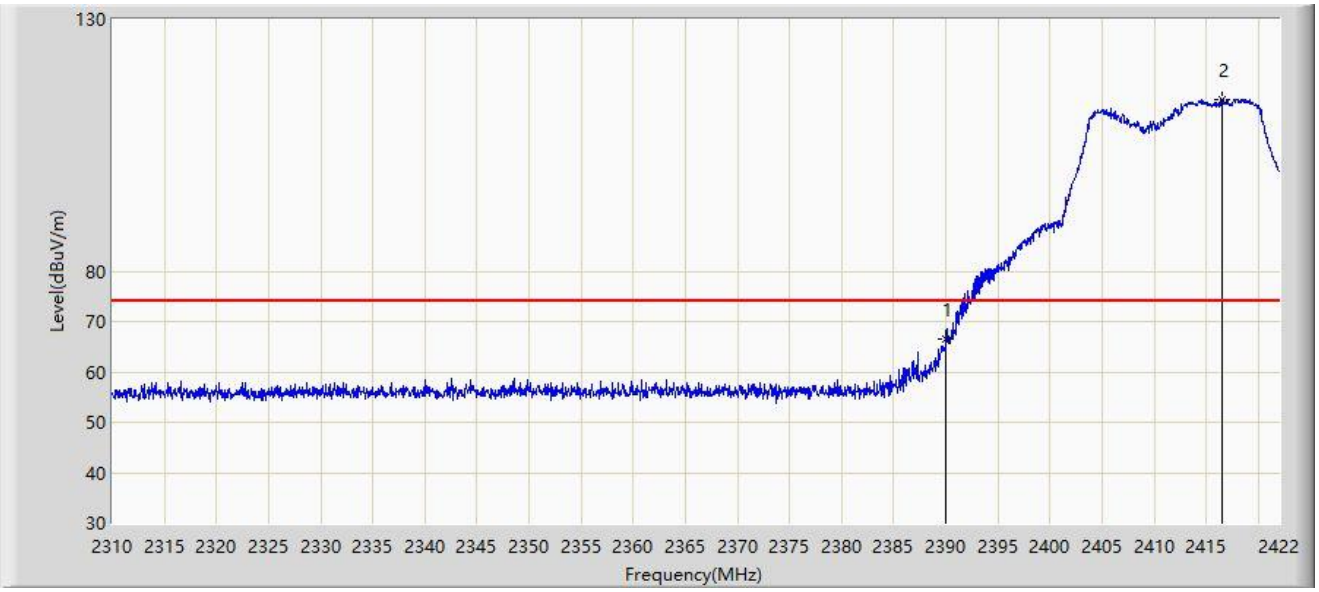
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	50.209	18.456	-3.791	54.000	31.753	AV
2		2409.736	105.711	74.001	N/A	N/A	31.710	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



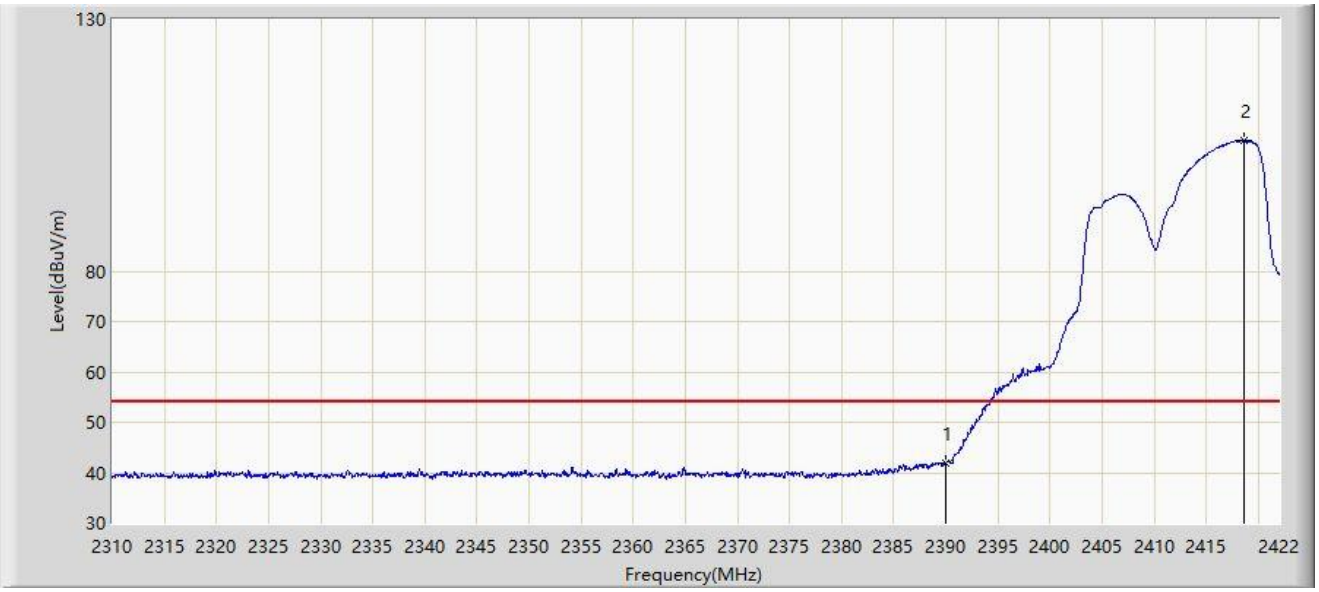
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	66.468	34.715	-7.532	74.000	31.753	PK
2		2416.568	114.017	82.322	N/A	N/A	31.695	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2412MHz	



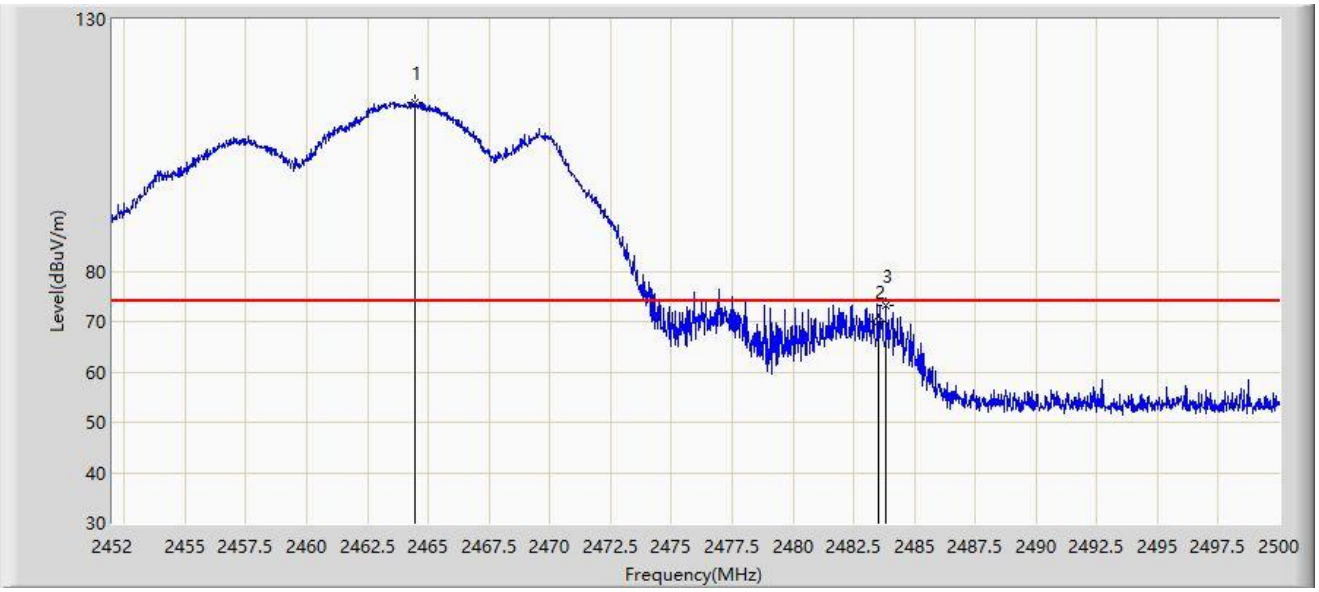
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	41.946	10.193	-12.054	54.000	31.753	AV
2		2418.584	105.961	74.270	N/A	N/A	31.691	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



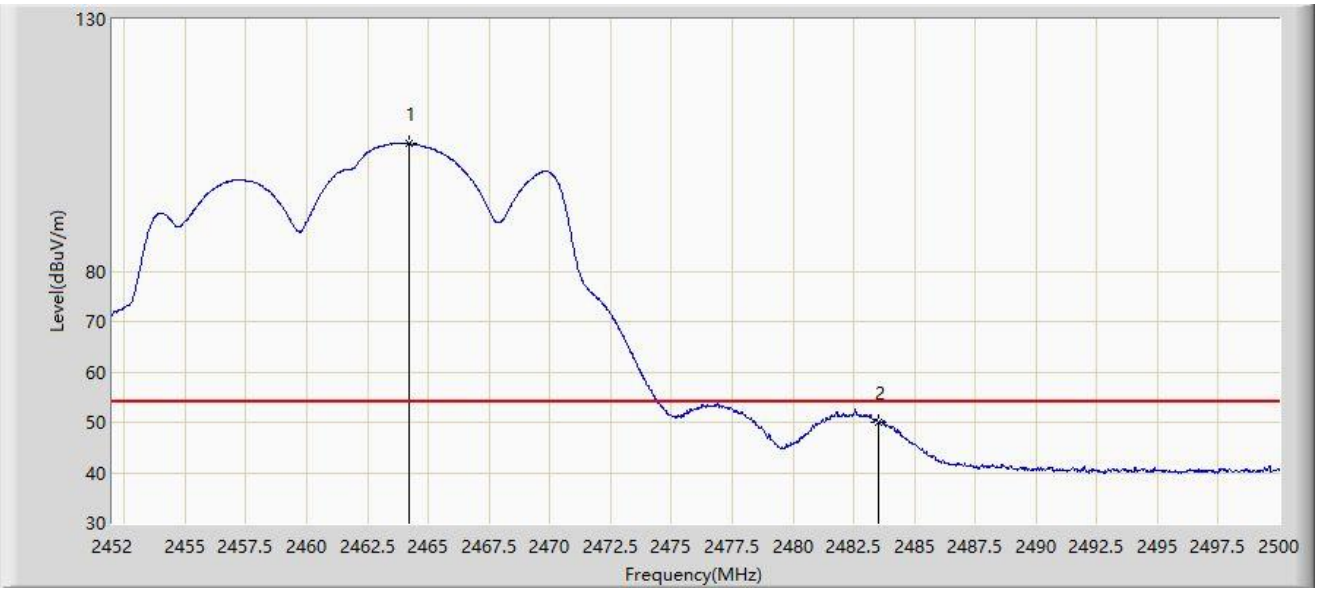
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2464.480	113.440	81.671	N/A	N/A	31.770	PK
2		2483.500	69.997	38.232	-4.003	74.000	31.765	PK
3	*	2483.848	73.208	41.440	-0.792	74.000	31.768	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



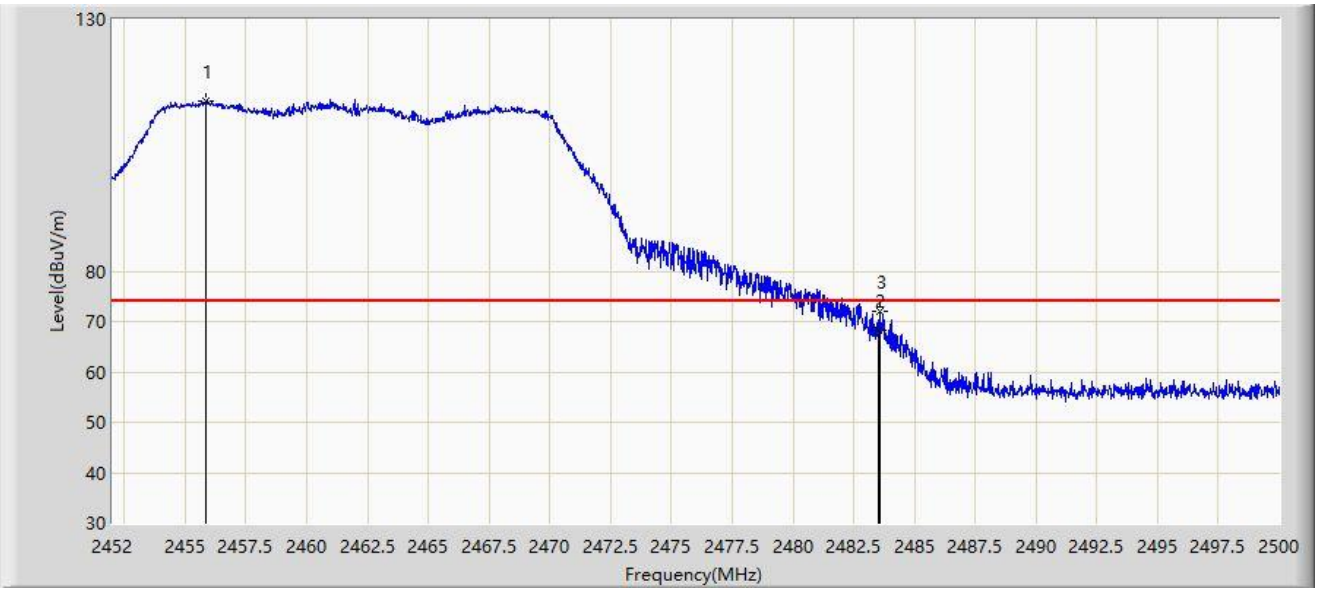
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2464.216	105.346	73.576	N/A	N/A	31.770	AV
2	*	2483.500	50.112	18.347	-3.888	54.000	31.765	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



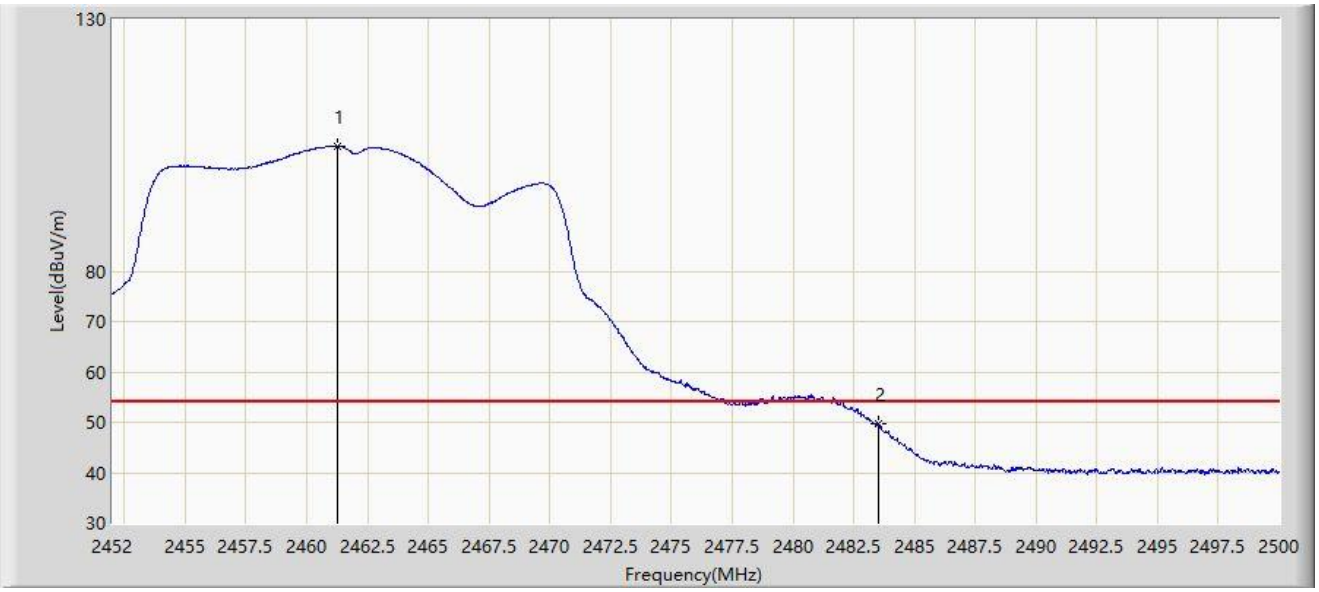
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2455.864	113.733	82.009	N/A	N/A	31.724	PK
2		2483.500	68.119	36.354	-5.881	74.000	31.765	PK
3	*	2483.560	71.898	40.132	-2.102	74.000	31.765	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at 2462MHz	



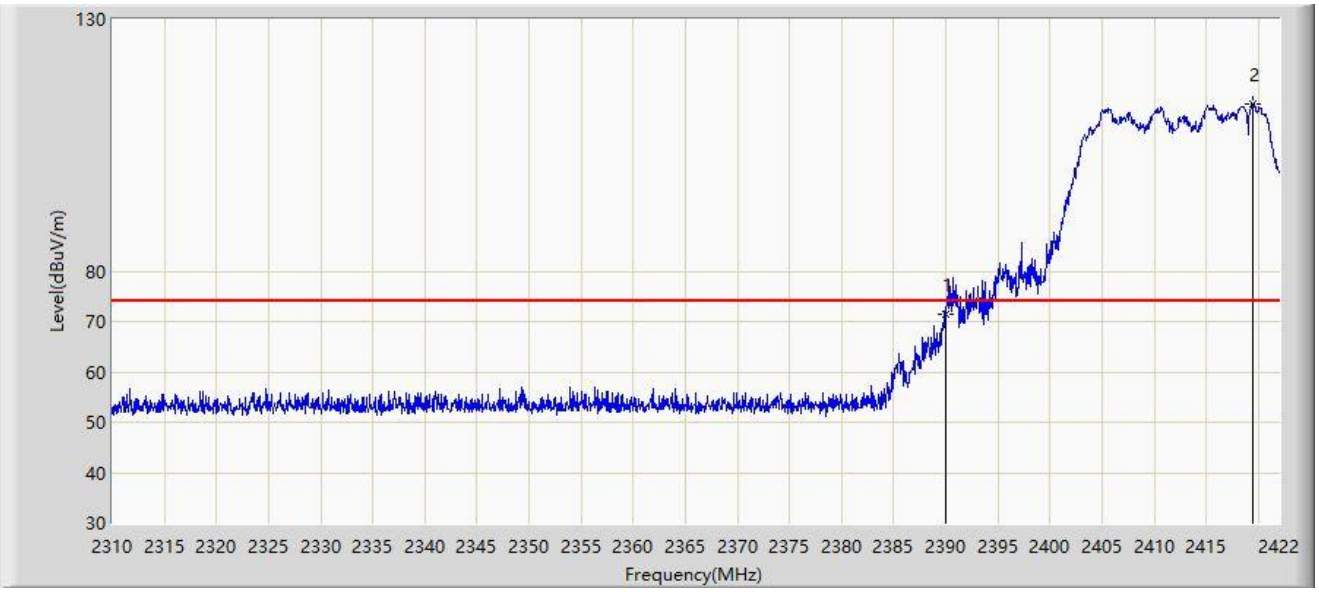
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.240	104.925	73.155	N/A	N/A	31.770	AV
2	*	2483.500	49.786	18.021	-4.214	54.000	31.765	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



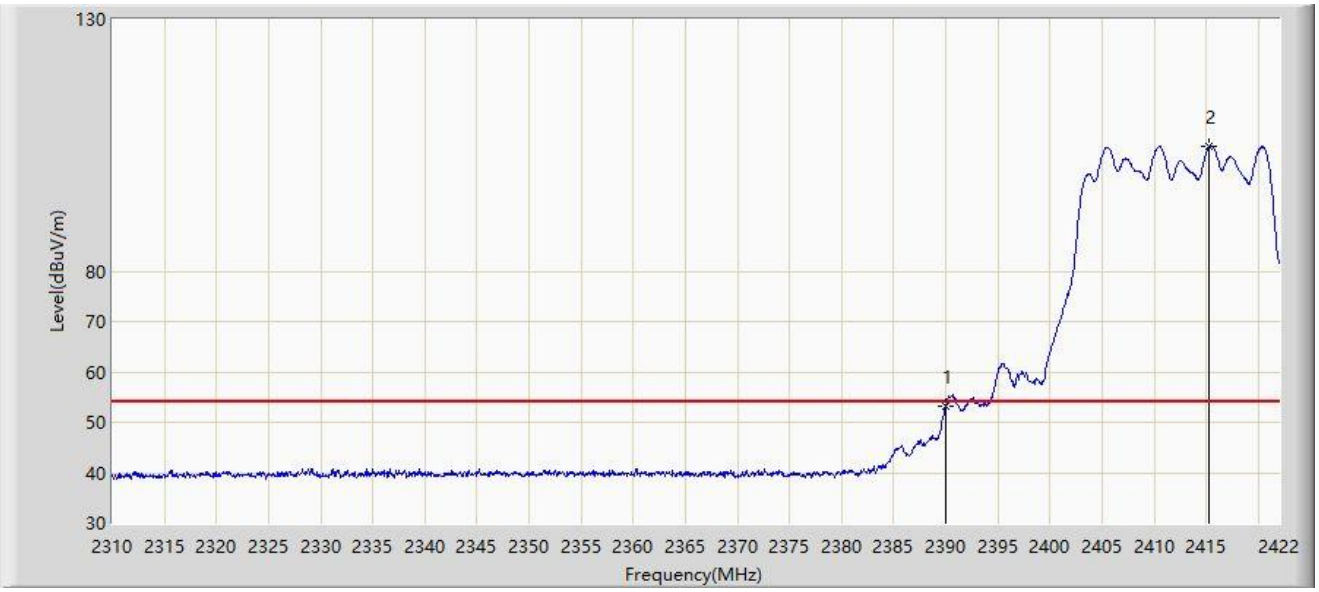
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	71.567	39.814	-2.433	74.000	31.753	PK
2		2419.480	113.253	81.565	N/A	N/A	31.688	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



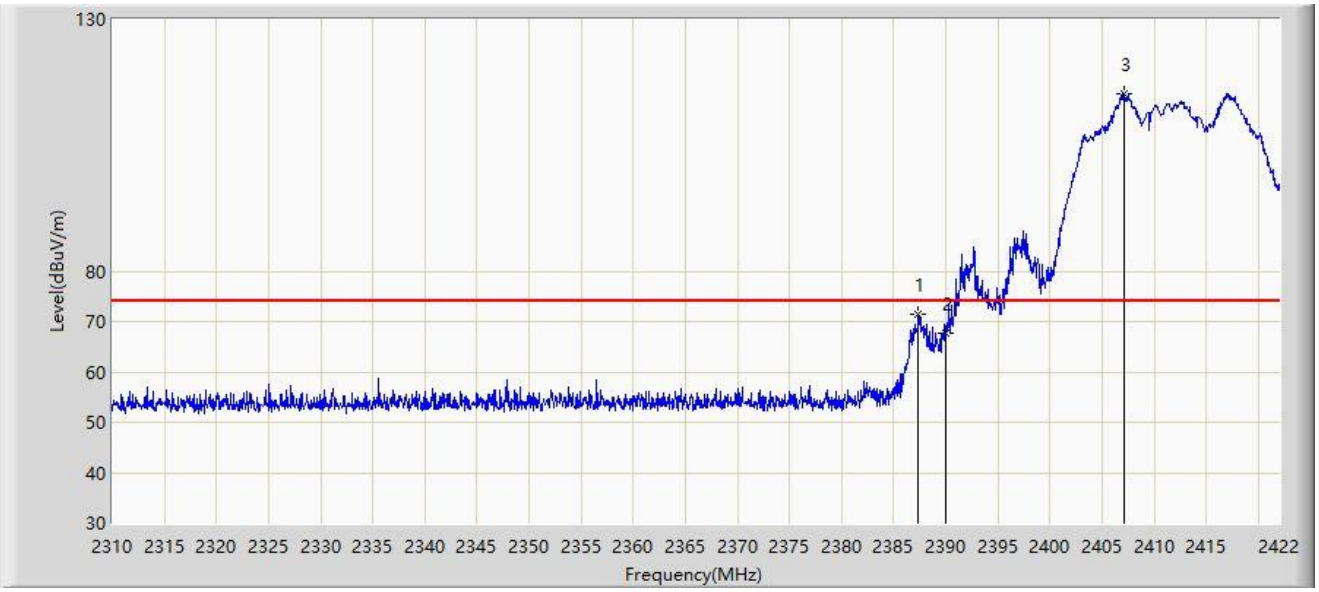
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	53.172	21.419	-0.828	54.000	31.753	AV
2		2415.280	104.737	73.039	N/A	N/A	31.698	AV

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



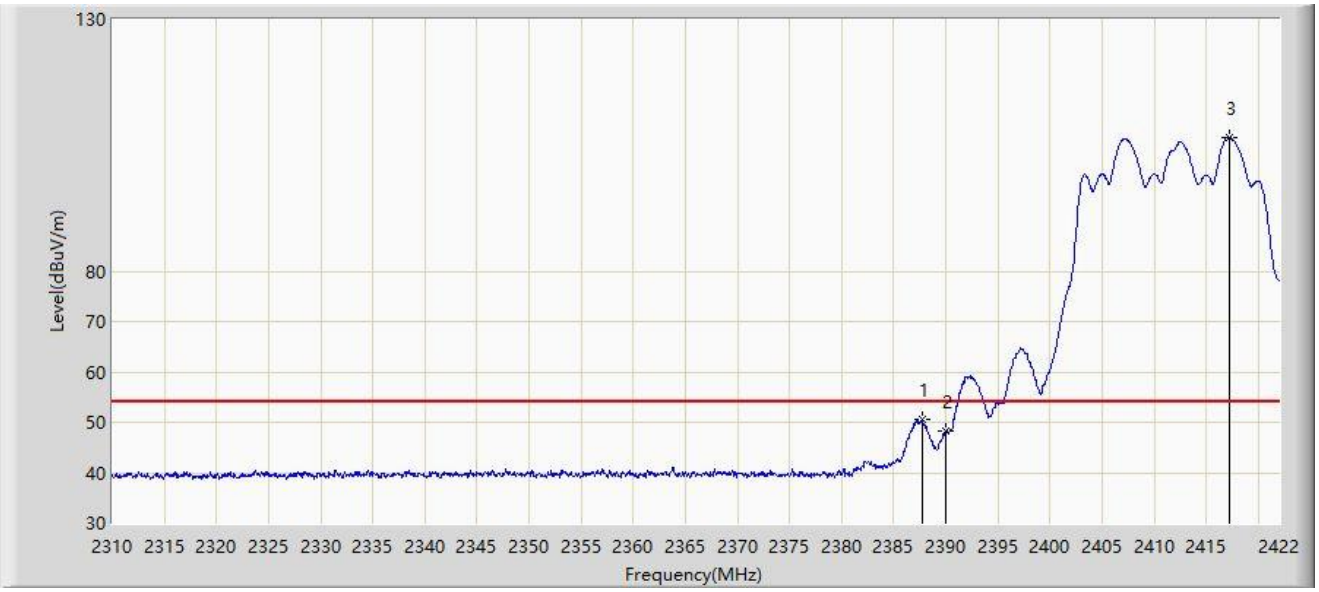
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2387.392	71.490	39.719	-2.510	74.000	31.771	PK
2		2390.000	67.662	35.909	-6.338	74.000	31.753	PK
3		2407.160	115.186	83.474	N/A	N/A	31.712	PK

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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2412MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.728	50.462	18.693	-3.538	54.000	31.769	AV
2		2390.000	48.170	16.417	-5.830	54.000	31.753	AV
3		2417.240	106.637	74.943	N/A	N/A	31.694	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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2458.984	112.191	80.440	N/A	N/A	31.750	PK
2		2483.500	68.453	36.688	-5.547	74.000	31.765	PK
3	*	2484.040	72.879	41.109	-1.121	74.000	31.770	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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2459.152	103.662	71.910	N/A	N/A	31.752	AV
2		2483.500	48.147	16.382	-5.853	54.000	31.765	AV
3	*	2484.160	49.413	17.642	-4.587	54.000	31.771	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: SIP-AC2	Test Date: 2024-04-08
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at 2462MHz	

No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2457.112	113.555	81.820	N/A	N/A	31.735	PK
2		2483.500	70.051	38.286	-3.949	74.000	31.765	PK
3	*	2483.728	72.656	40.889	-1.344	74.000	31.767	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).