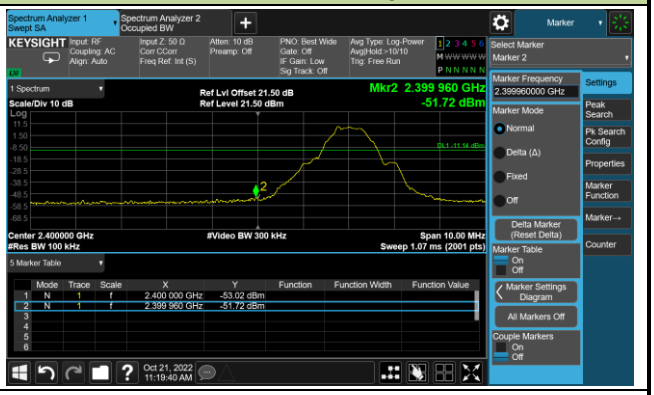
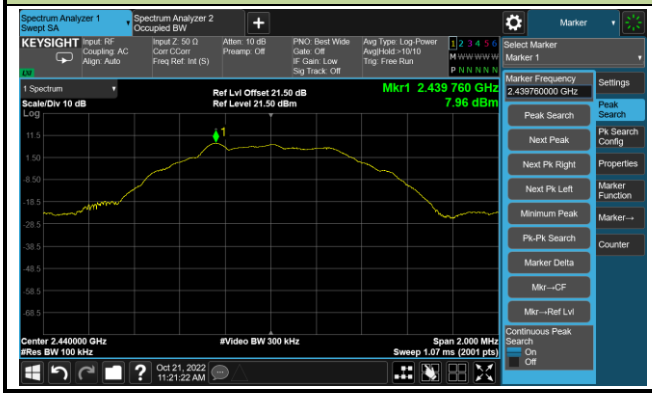
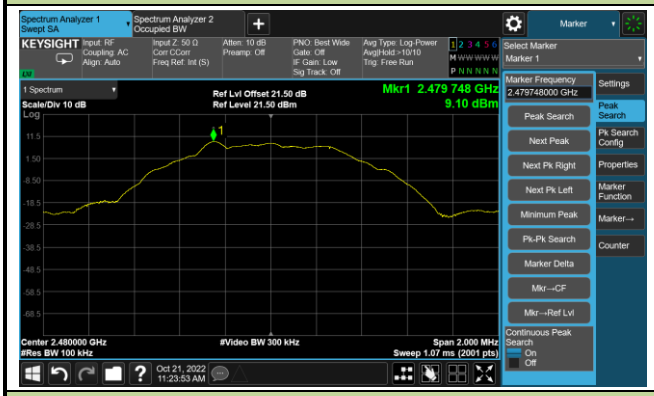
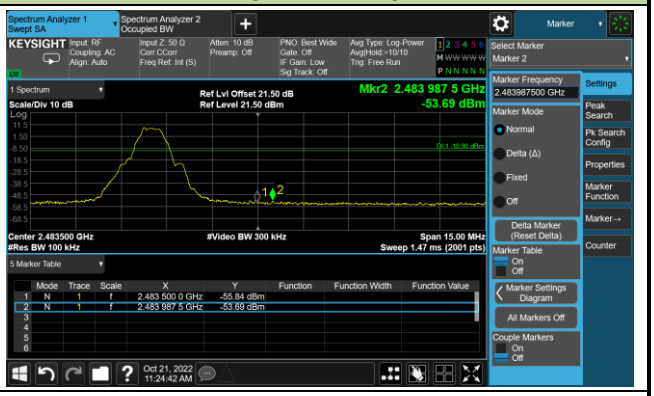
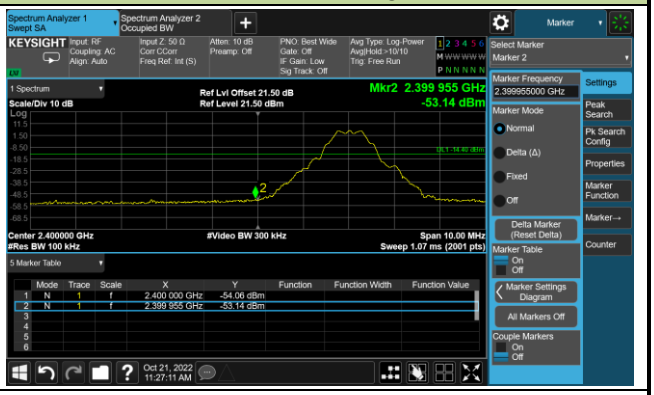
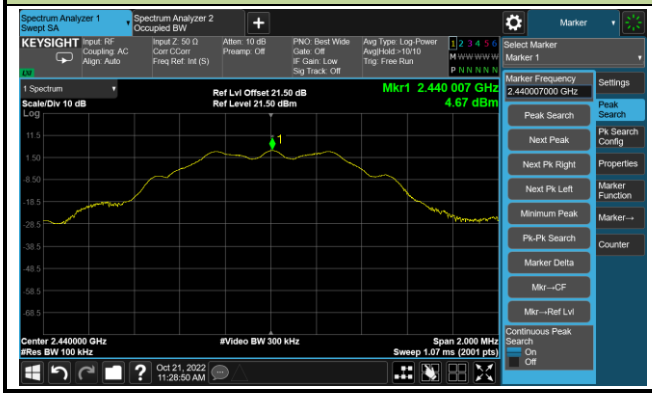
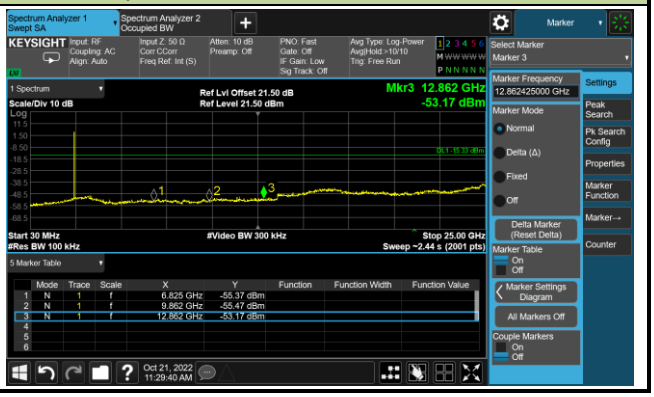
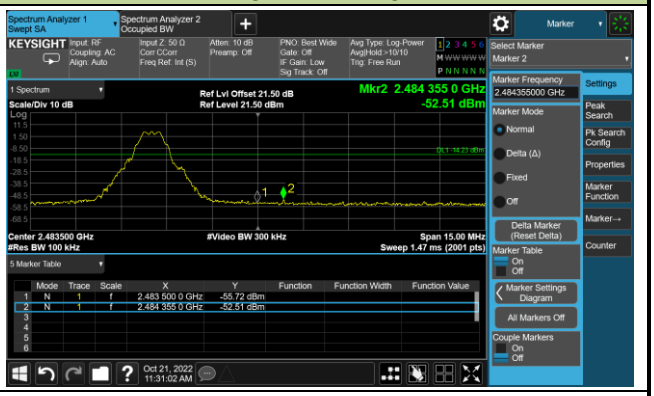
BLE-125kbps Out-of-Band Emissions	
Channel 00 (2402MHz)	
100kHz PSD Reference Level	Low Band Edge
	
Spurious Emission 30MHz ~ 25GHz	
	
Channel 19 (2440MHz)	
100kHz PSD Reference Level	Spurious Emission 30MHz ~ 25GHz
	

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

BLE-500kbps 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	
	

A.6 Radiated Spurious Emission Test Result

Test Site	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2022-10-11~2022-10-12	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	8140.0	42.0	3.0	45.0	74.0	-29.0	Peak	Horizontal
	11497.5	40.7	8.8	49.5	74.0	-24.5	Peak	Horizontal
	12398.5	40.2	7.5	47.7	74.0	-26.3	Peak	Horizontal
	8174.0	42.2	3.0	45.2	74.0	-28.8	Peak	Vertical
	11455.0	40.6	8.4	49.0	74.0	-25.0	Peak	Vertical
	15509.5	37.2	10.3	47.5	74.0	-26.5	Peak	Vertical
19	8361.0	47.9	-4.0	43.9	74.0	-30.1	Peak	Horizontal
	11982.0	49.7	-2.9	46.8	74.0	-27.2	Peak	Horizontal
	15917.5	46.8	4.2	51.0	74.0	-23.0	Peak	Horizontal
	8361.0	48.8	-4.0	44.8	74.0	-29.2	Peak	Vertical
	11863.0	48.6	-3.4	45.2	74.0	-28.8	Peak	Vertical
	15586.0	45.4	4.3	49.7	74.0	-24.3	Peak	Vertical
39	8157.0	42.3	3.4	45.7	74.0	-28.3	Peak	Horizontal
	11480.5	40.8	8.7	49.5	74.0	-24.5	Peak	Horizontal
	16121.5	38.1	9.8	47.9	74.0	-26.1	Peak	Horizontal
	8199.5	40.2	2.7	42.9	74.0	-31.1	Peak	Vertical
	11472.0	41.6	8.6	50.2	74.0	-23.8	Peak	Vertical
	15628.5	38.6	10.3	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	SIP-AC2	Test Engineer	Mero Zhou
Test Date	2022-10-11~2022-10-12	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	8174.0	42.9	3.0	45.9	74.0	-28.1	Peak	Horizontal
	11514.5	40.4	8.7	49.1	74.0	-24.9	Peak	Horizontal
	15832.5	38.5	9.3	47.8	74.0	-26.2	Peak	Horizontal
	8242.0	42.0	2.6	44.6	74.0	-29.4	Peak	Vertical
	11489.0	40.8	8.7	49.5	74.0	-24.5	Peak	Vertical
	15552.0	38.1	10.6	48.7	74.0	-25.3	Peak	Vertical
19	8276.0	48.0	-4.1	43.9	74.0	-30.1	Peak	Horizontal
	11429.5	47.6	-2.8	44.8	74.0	-29.2	Peak	Horizontal
	15875.0	45.9	4.1	50.0	74.0	-24.0	Peak	Horizontal
	8199.5	48.1	-4.2	43.9	74.0	-30.1	Peak	Vertical
	10928.0	47.5	-2.4	45.1	74.0	-28.9	Peak	Vertical
	15492.5	44.5	4.0	48.5	74.0	-25.5	Peak	Vertical
39	8165.5	41.8	3.2	45.0	74.0	-29.0	Peak	Horizontal
	11574.0	40.2	8.7	48.9	74.0	-25.1	Peak	Horizontal
	15424.5	37.2	10.6	47.8	74.0	-26.2	Peak	Horizontal
	8259.0	42.2	2.8	45.0	74.0	-29.0	Peak	Vertical
	11429.5	40.7	8.4	49.1	74.0	-24.9	Peak	Vertical
	15577.5	37.6	10.1	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	Mero Zhou
Test Date	2022-10-11~2022-10-12	Test Mode:	BLE-125kbps
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	8157.0	42.2	3.4	45.6	74.0	-28.4	Peak	Horizontal
	11455.0	40.9	8.4	49.3	74.0	-24.7	Peak	Horizontal
	15543.5	36.8	10.9	47.7	74.0	-26.3	Peak	Horizontal
	8395.0	43.7	2.4	46.1	74.0	-27.9	Peak	Vertical
	11463.5	40.3	8.5	48.8	74.0	-25.2	Peak	Vertical
	15637.0	37.1	10.3	47.4	74.0	-26.6	Peak	Vertical
19	8225.0	48.4	-4.3	44.1	74.0	-29.9	Peak	Horizontal
	11038.5	47.8	-2.4	45.4	74.0	-28.6	Peak	Horizontal
	15705.0	45.2	4.3	49.5	74.0	-24.5	Peak	Horizontal
	8250.5	48.4	-4.2	44.2	74.0	-29.8	Peak	Vertical
	11132.0	47.5	-2.6	44.9	74.0	-29.1	Peak	Vertical
	15705.0	45.4	4.3	49.7	74.0	-24.3	Peak	Vertical
39	8488.5	42.3	2.6	44.9	74.0	-29.1	Peak	Horizontal
	11480.5	40.4	8.7	49.1	74.0	-24.9	Peak	Horizontal
	15450.0	38.6	10.6	49.2	74.0	-24.8	Peak	Horizontal
	8216.5	41.5	2.5	44.0	74.0	-30.0	Peak	Vertical
	11132.0	41.7	7.6	49.3	74.0	-24.7	Peak	Vertical
	16121.5	37.6	9.8	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	Mero Zhou
Test Date	2022-10-11~2022-10-12	Test Mode:	BLE-500kbps
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.		

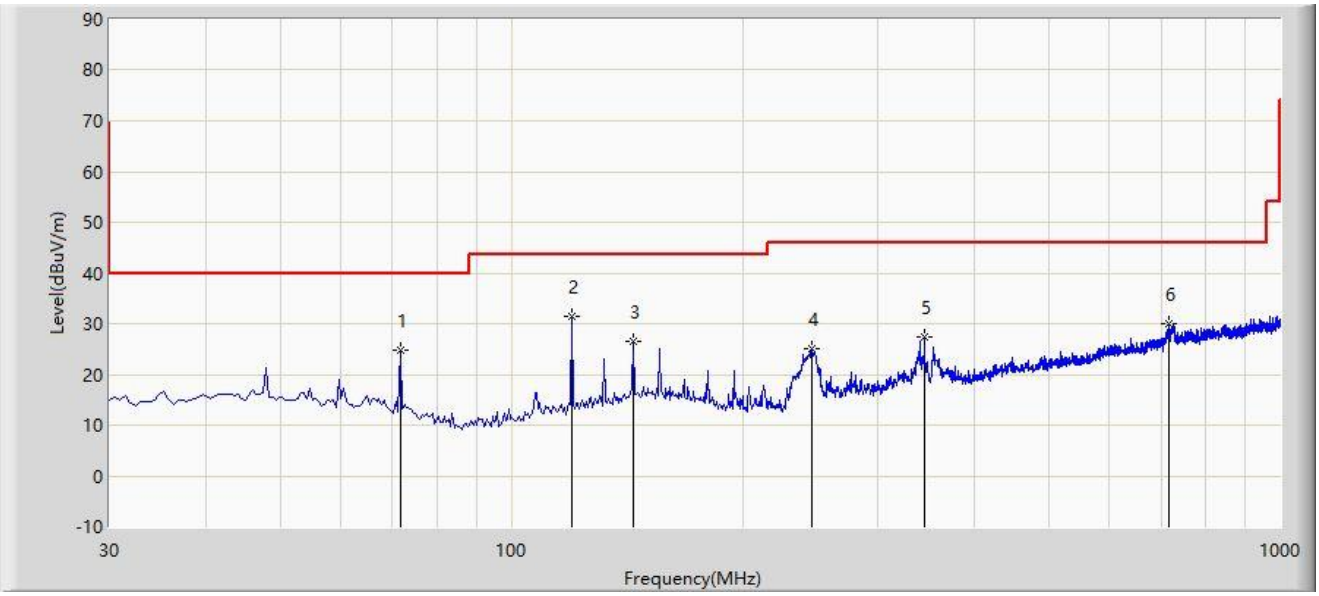
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	8284.5	42.1	2.6	44.7	74.0	-29.3	Peak	Horizontal
	11582.5	40.2	8.5	48.7	74.0	-25.3	Peak	Horizontal
	15637.0	37.2	10.3	47.5	74.0	-26.5	Peak	Horizontal
	8157.0	41.5	3.4	44.9	74.0	-29.1	Peak	Vertical
	11565.5	40.1	8.5	48.6	74.0	-25.4	Peak	Vertical
	15569.0	38.3	10.0	48.3	74.0	-25.7	Peak	Vertical
19	8378.0	48.9	-3.9	45.0	74.0	-29.0	Peak	Horizontal
	12075.5	47.4	-2.8	44.6	74.0	-29.4	Peak	Horizontal
	15866.5	45.3	4.1	49.4	74.0	-24.6	Peak	Horizontal
	8174.0	48.7	-4.5	44.2	74.0	-29.8	Peak	Vertical
	11463.5	47.6	-3.0	44.6	74.0	-29.4	Peak	Vertical
	16036.5	45.3	4.3	49.6	74.0	-24.4	Peak	Vertical
39	8157.0	41.9	3.4	45.3	74.0	-28.7	Peak	Horizontal
	11480.5	40.0	8.7	48.7	74.0	-25.3	Peak	Horizontal
	15832.5	38.2	9.3	47.5	74.0	-26.5	Peak	Horizontal
	8378.0	42.8	2.5	45.3	74.0	-28.7	Peak	Vertical
	11574.0	41.2	8.7	49.9	74.0	-24.1	Peak	Vertical
	15569.0	37.2	10.0	47.2	74.0	-26.8	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)

The Result of Radiated Emission below 1GHz:

Site: SIP-AC3	Test Date: 2022-10-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00997_25-2000MHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
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		71.710	24.735	9.647	-15.265	40.000	15.088	PK
2	*	119.725	31.424	15.764	-12.076	43.500	15.660	PK
3		143.975	26.540	8.754	-16.960	43.500	17.786	PK
4		246.310	25.022	8.418	-20.978	46.000	16.604	PK
5		344.765	27.420	7.962	-18.580	46.000	19.457	PK
6		715.305	29.983	3.059	-16.017	46.000	26.924	PK

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

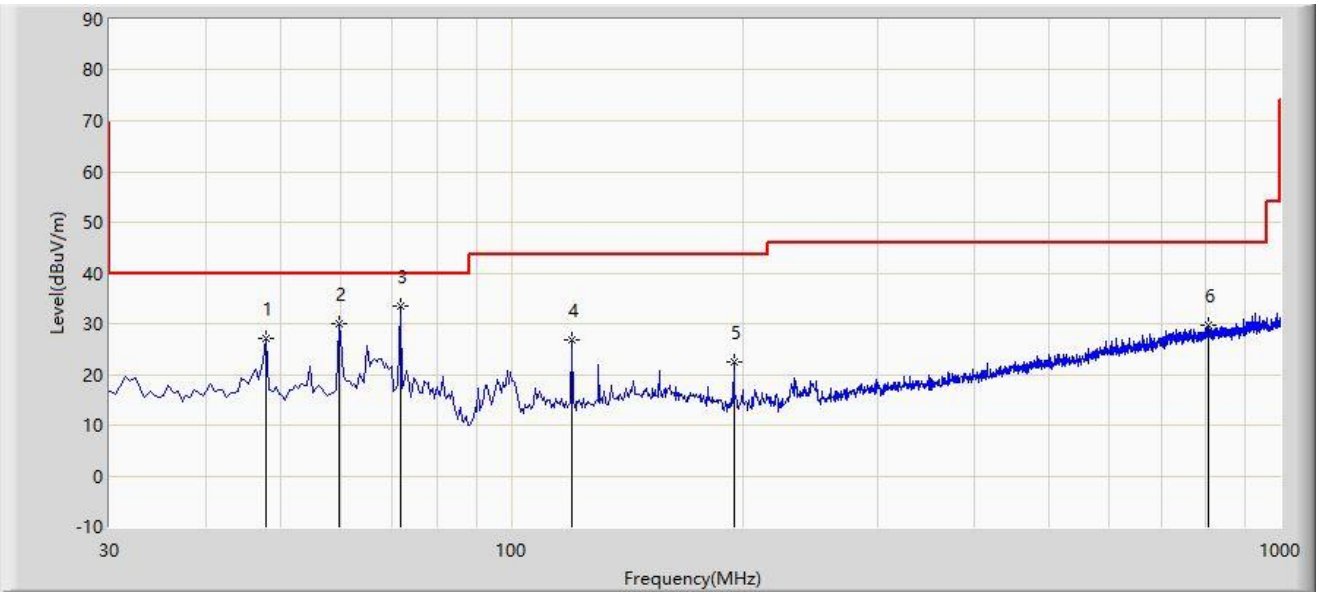
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

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.

Note 5: 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: SIP-AC3	Test Date: 2022-10-13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Mero Zhou
Probe: VULB 9168_00997_25-2000MHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
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		47.945	27.155	9.170	-12.845	40.000	17.985	PK
2		59.585	29.994	12.866	-10.006	40.000	17.128	PK
3	*	71.710	33.604	18.516	-6.396	40.000	15.088	PK
4		119.725	26.899	11.239	-16.601	43.500	15.660	PK
5		194.900	22.363	7.351	-21.137	43.500	15.012	PK
6		808.425	29.709	1.140	-16.291	46.000	28.569	PK

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

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

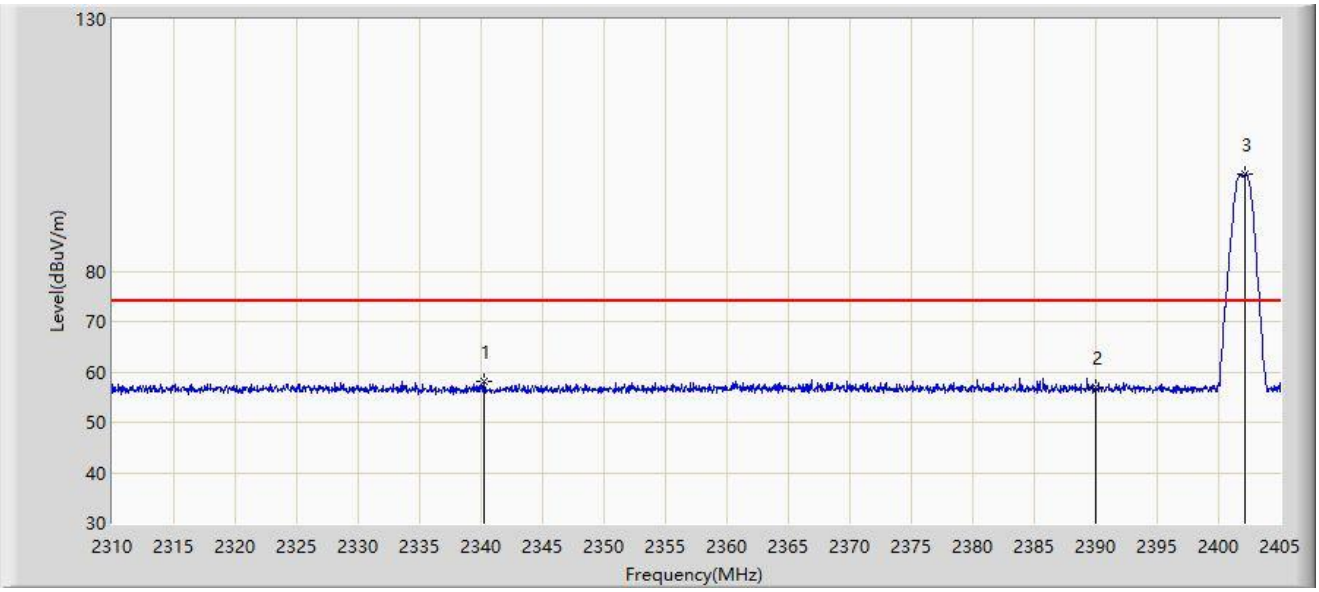
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

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

Note 5: 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.

A.7 Radiated Restricted Band Edge Test Result

Site: SIP-AC2	Test Date: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2402MHz	



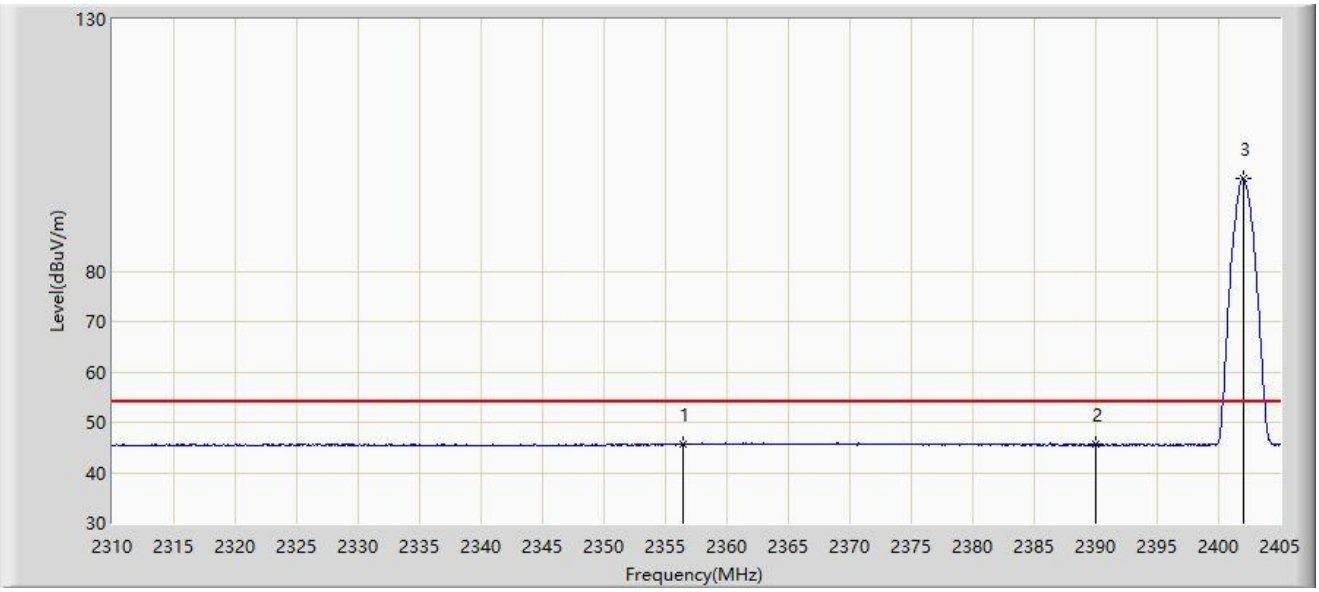
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2340.210	58.253	25.831	-15.747	74.000	32.422	PK
2		2390.000	56.844	24.440	-17.156	74.000	32.404	PK
3		2402.198	99.185	66.820	N/A	N/A	32.365	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2402MHz	



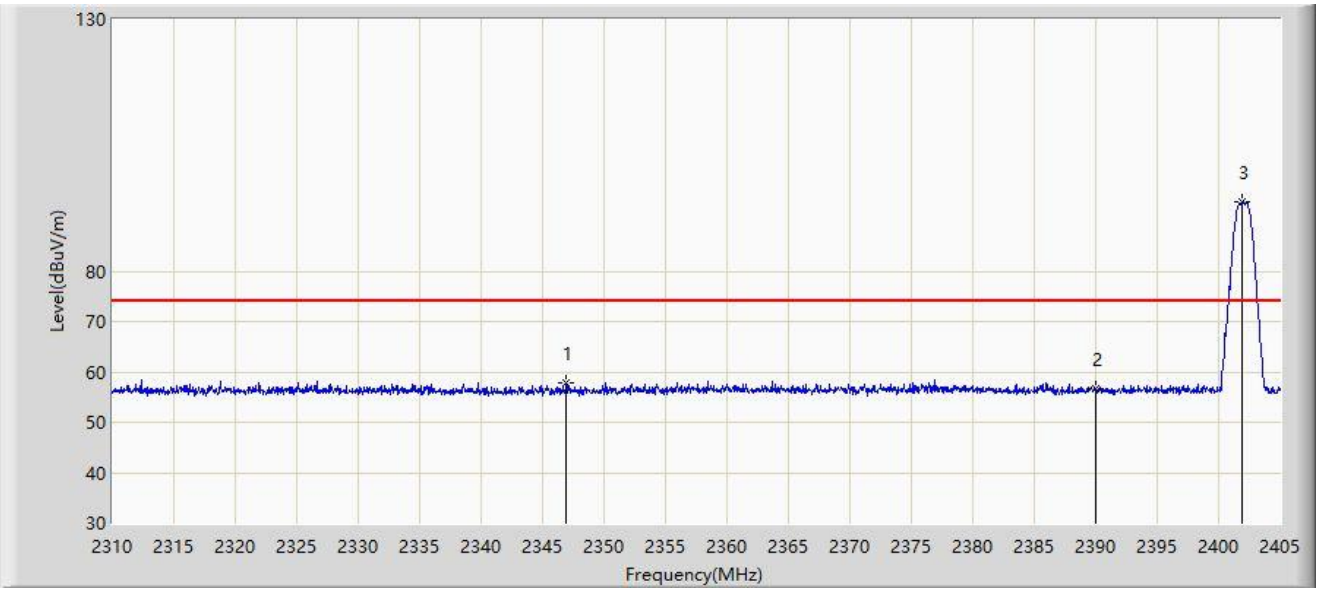
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2356.407	45.687	13.203	-8.313	54.000	32.484	AV
2		2390.000	45.527	13.123	-8.473	54.000	32.404	AV
3		2402.008	98.478	66.112	N/A	N/A	32.366	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2402MHz	



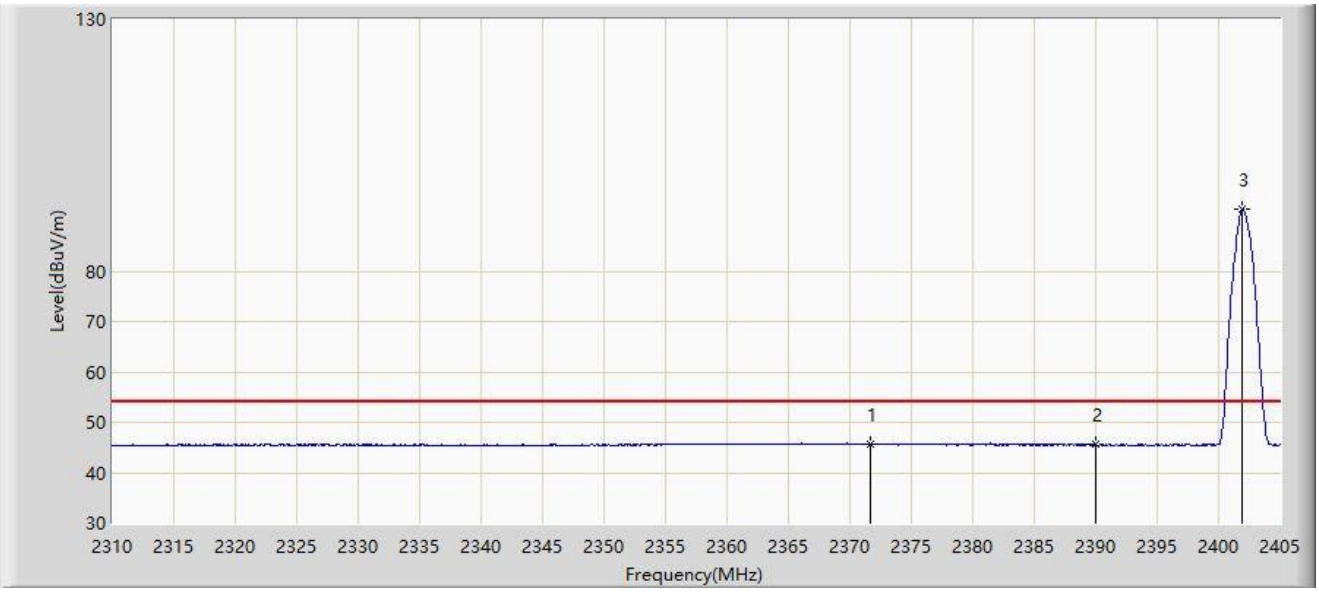
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2346.955	57.826	25.422	-16.174	74.000	32.404	PK
2		2390.000	56.625	24.221	-17.375	74.000	32.404	PK
3		2401.960	93.645	61.279	N/A	N/A	32.366	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2402MHz	



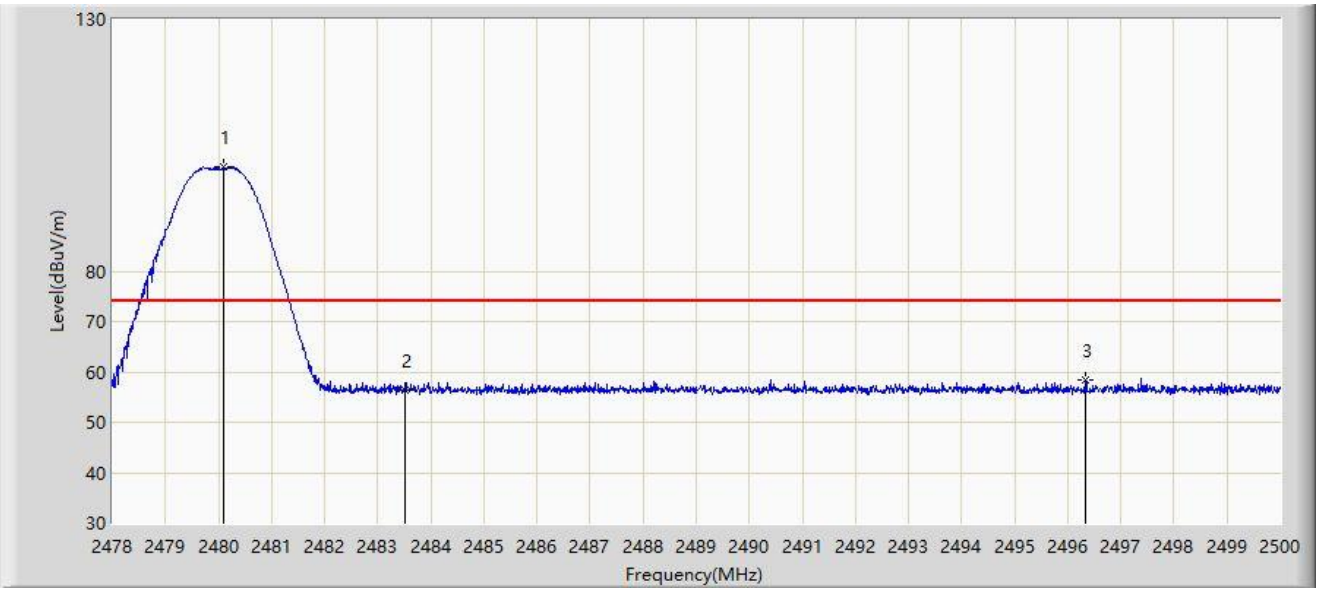
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2371.702	45.731	13.233	-8.269	54.000	32.498	AV
2		2390.000	45.535	13.131	-8.465	54.000	32.404	AV
3		2401.960	92.311	59.945	N/A	N/A	32.366	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



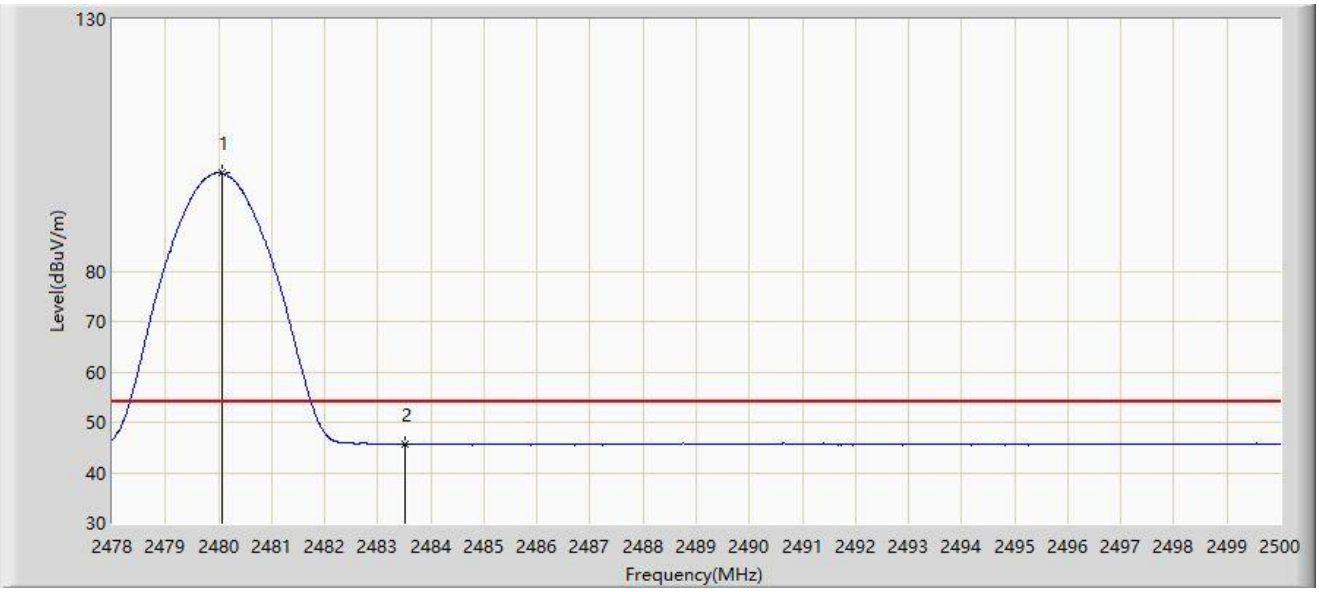
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.101	100.761	68.575	N/A	N/A	32.186	PK
2		2483.500	56.474	24.279	-17.526	74.000	32.195	PK
3	*	2496.337	58.429	26.199	-15.571	74.000	32.230	PK

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: SIP-AC2	Test Date: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



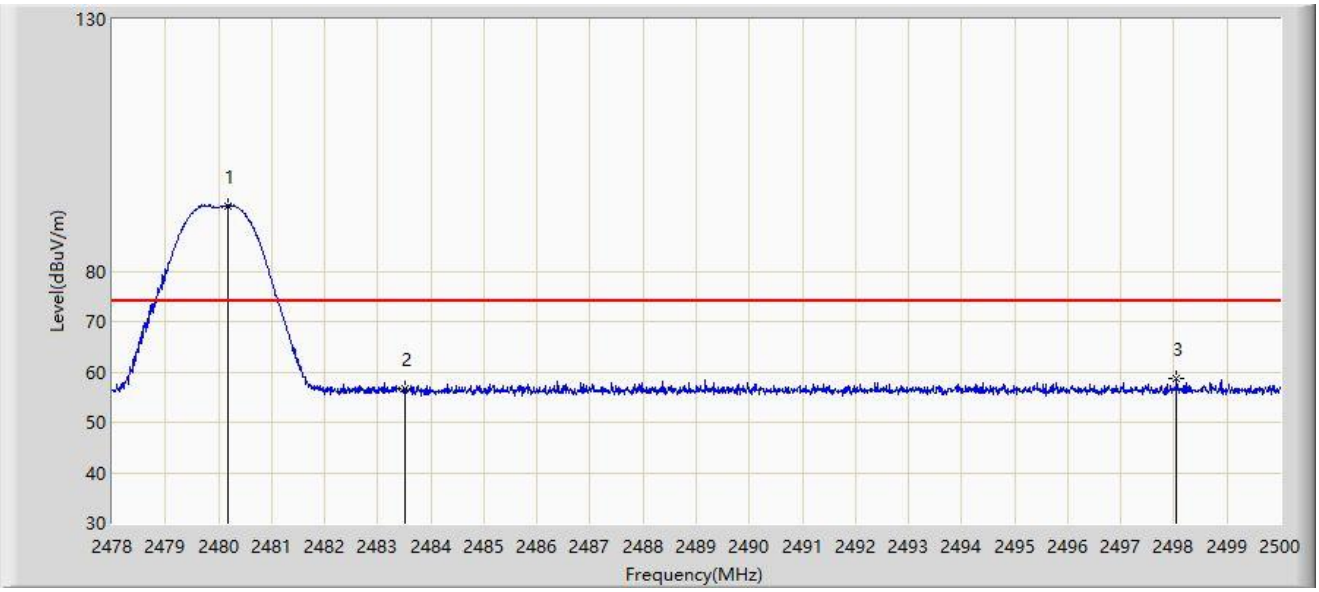
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.079	99.456	67.270	N/A	N/A	32.186	AV
2	*	2483.500	45.710	13.515	-8.290	54.000	32.195	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



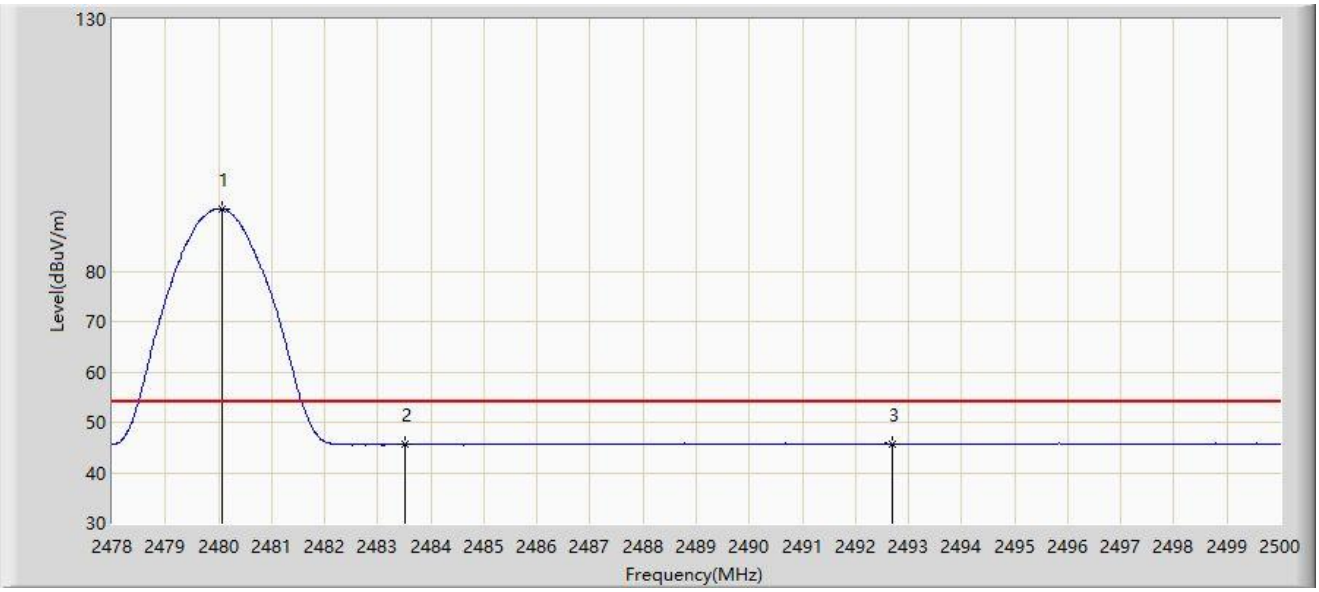
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.178	92.899	60.713	N/A	N/A	32.186	PK
2		2483.500	56.577	24.382	-17.423	74.000	32.195	PK
3	*	2498.053	58.623	26.389	-15.377	74.000	32.234	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 1M at 2480MHz	



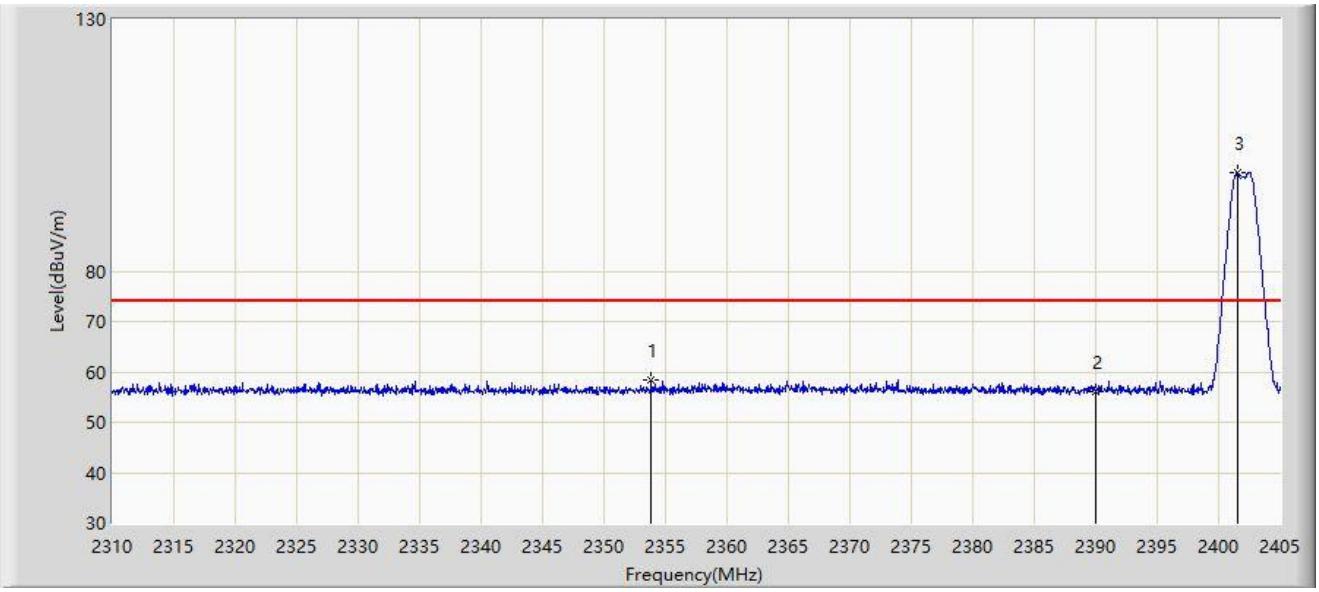
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.079	92.308	60.122	N/A	N/A	32.186	AV
2		2483.500	45.544	13.349	-8.456	54.000	32.195	AV
3	*	2492.685	45.704	13.484	-8.296	54.000	32.220	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



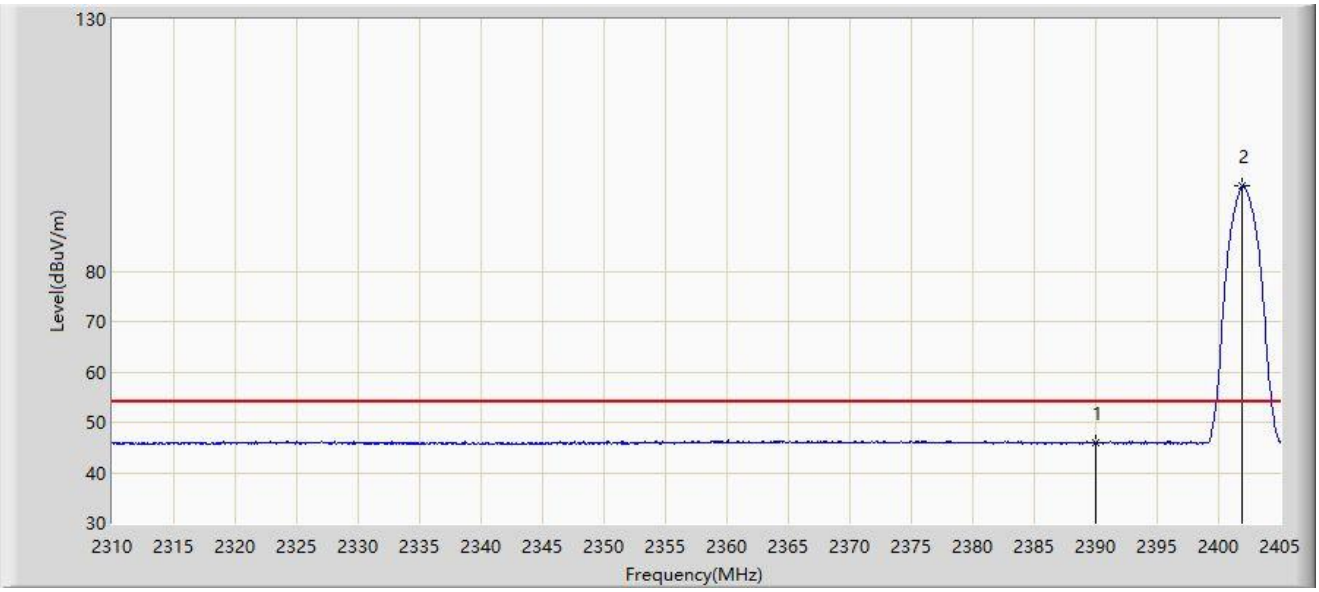
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2353.843	58.431	25.969	-15.569	74.000	32.462	PK
2		2390.000	56.158	23.754	-17.842	74.000	32.404	PK
3		2401.532	99.653	67.287	N/A	N/A	32.367	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



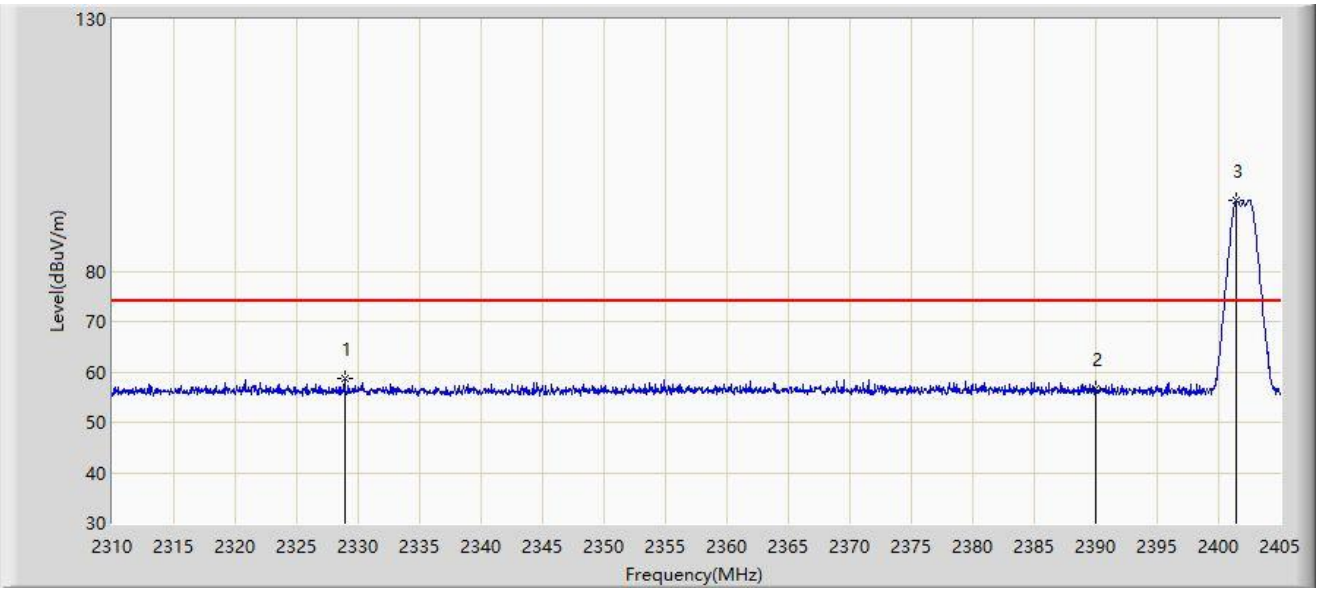
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	45.822	13.418	-8.178	54.000	32.404	AV
2		2401.960	96.950	64.584	N/A	N/A	32.366	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



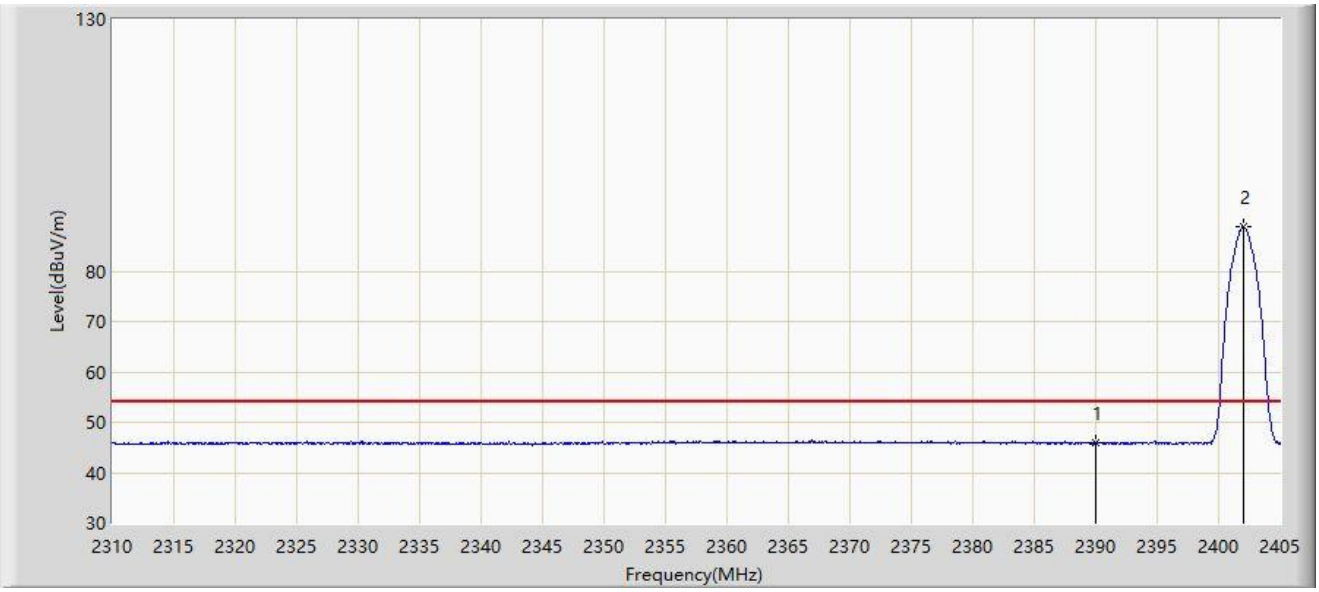
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2328.905	58.653	26.021	-15.347	74.000	32.632	PK
2		2390.000	56.531	24.127	-17.469	74.000	32.404	PK
3		2401.437	94.136	61.769	N/A	N/A	32.367	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2402MHz	



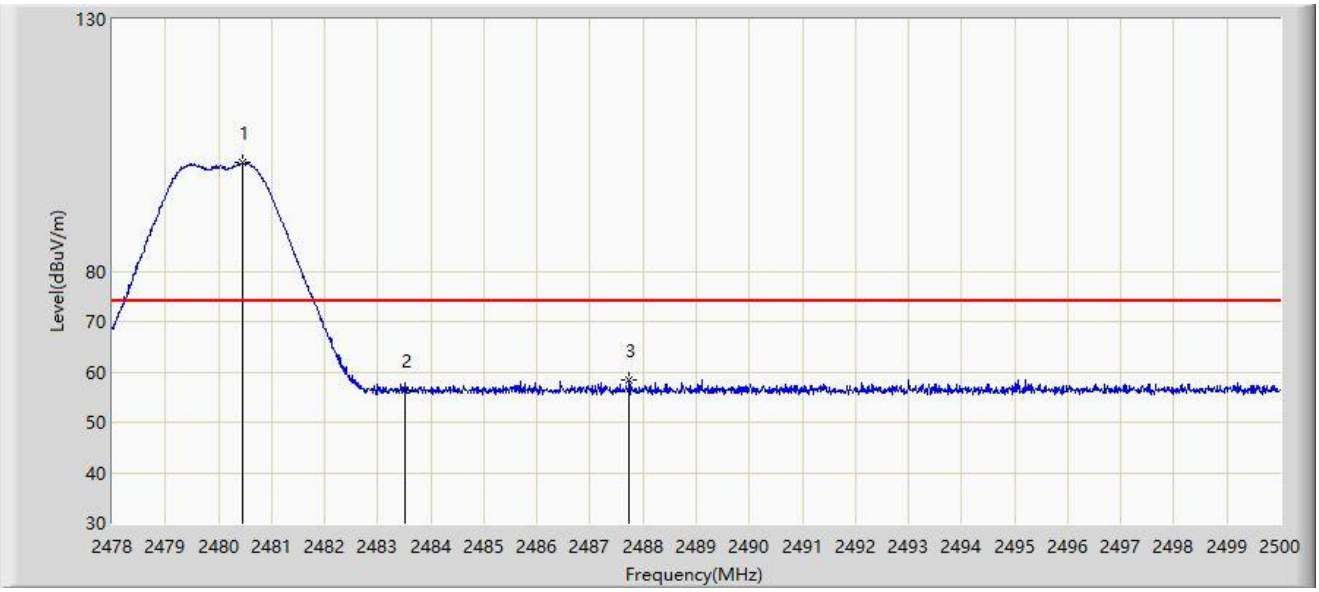
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	45.846	13.442	-8.154	54.000	32.404	AV
2		2402.008	88.898	56.532	N/A	N/A	32.366	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



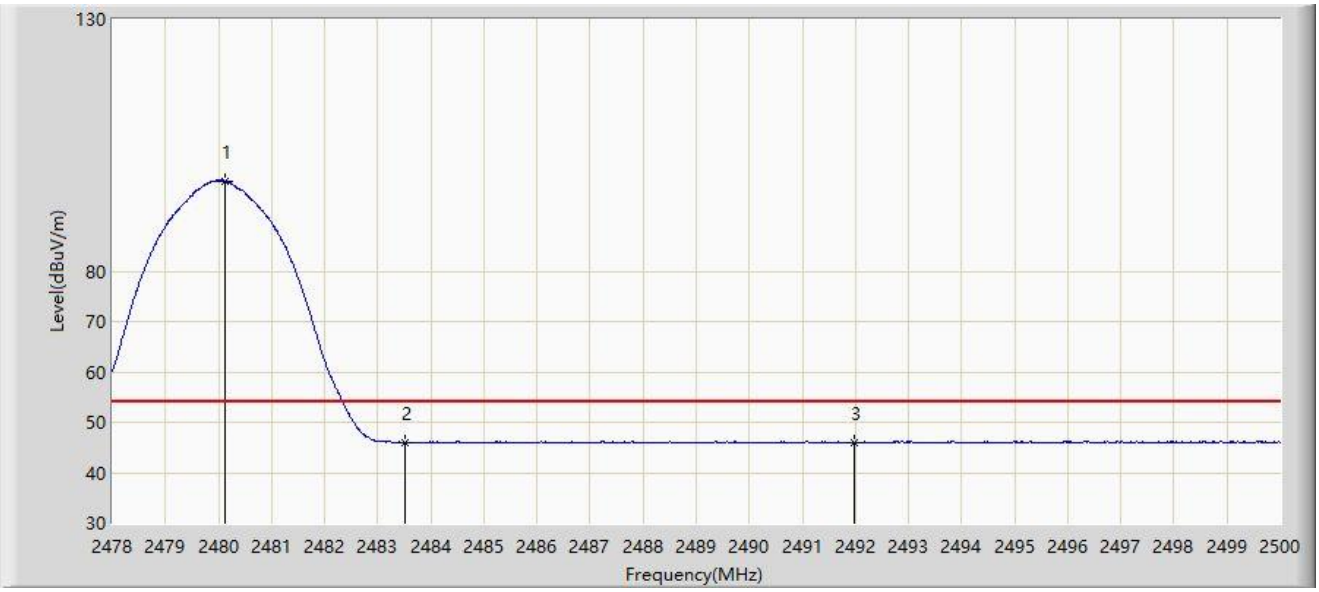
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.464	101.592	69.405	N/A	N/A	32.187	PK
2		2483.500	56.273	24.078	-17.727	74.000	32.195	PK
3	*	2487.735	58.478	26.271	-15.522	74.000	32.207	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



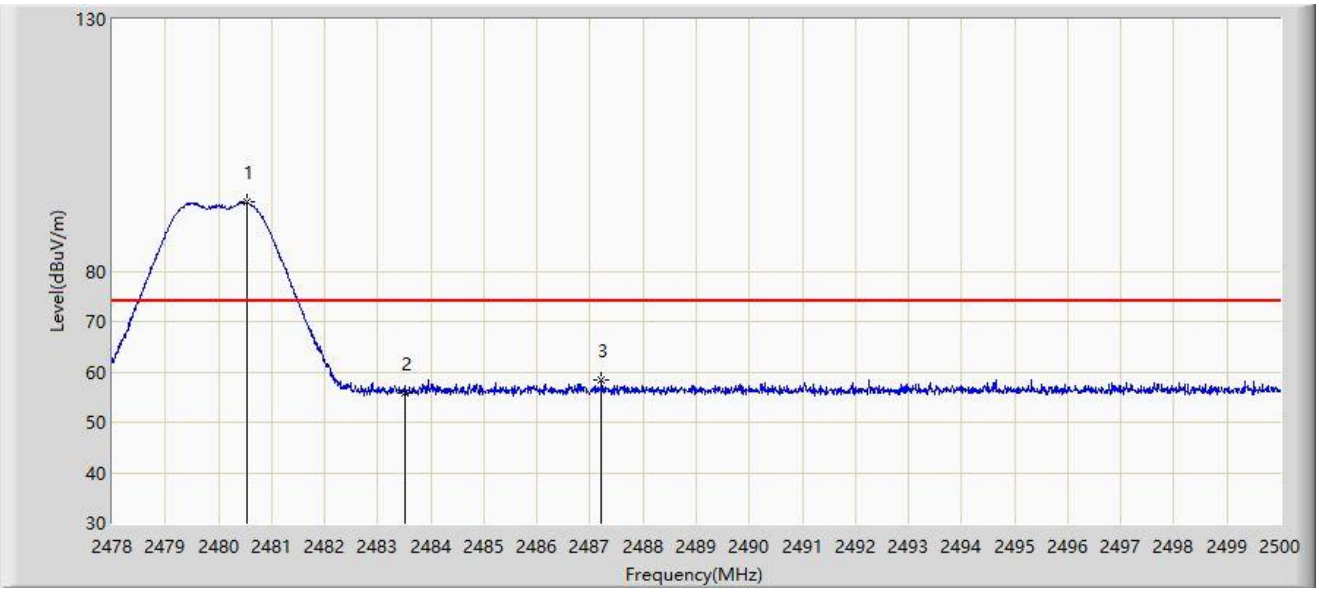
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.112	97.918	65.732	N/A	N/A	32.186	AV
2		2483.500	45.997	13.802	-8.003	54.000	32.195	AV
3	*	2491.981	46.006	13.788	-7.994	54.000	32.218	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



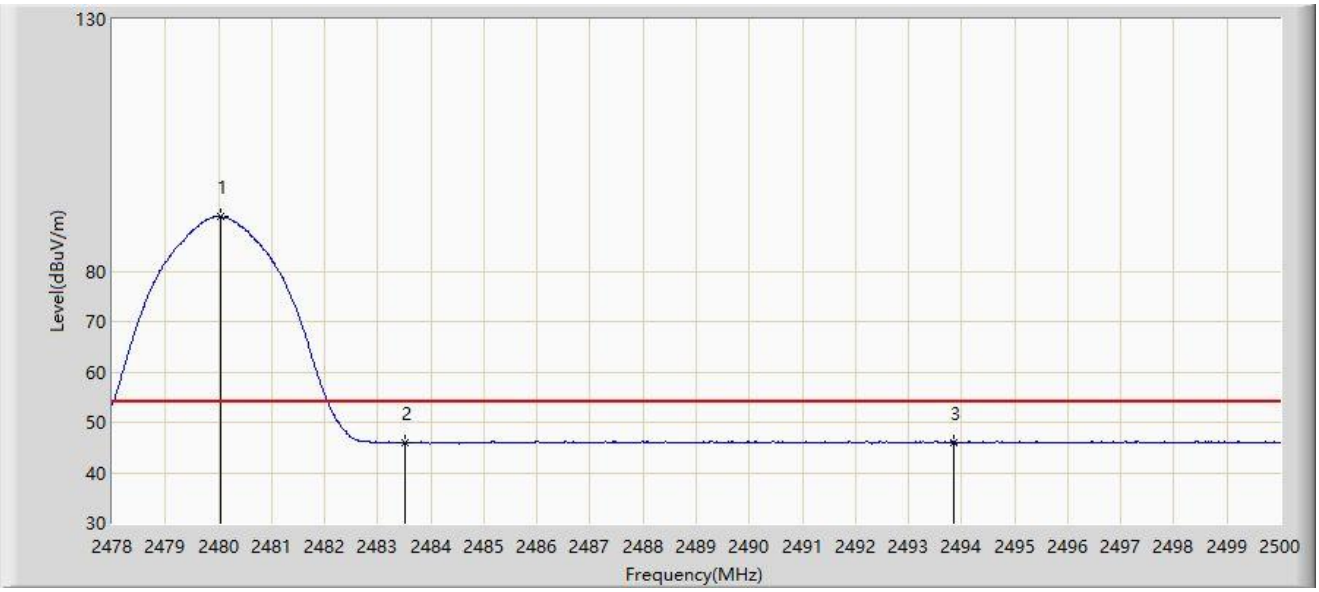
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.530	93.686	61.499	N/A	N/A	32.188	PK
2		2483.500	55.908	23.713	-18.092	74.000	32.195	PK
3	*	2487.218	58.448	26.243	-15.552	74.000	32.205	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE 2M at 2480MHz	



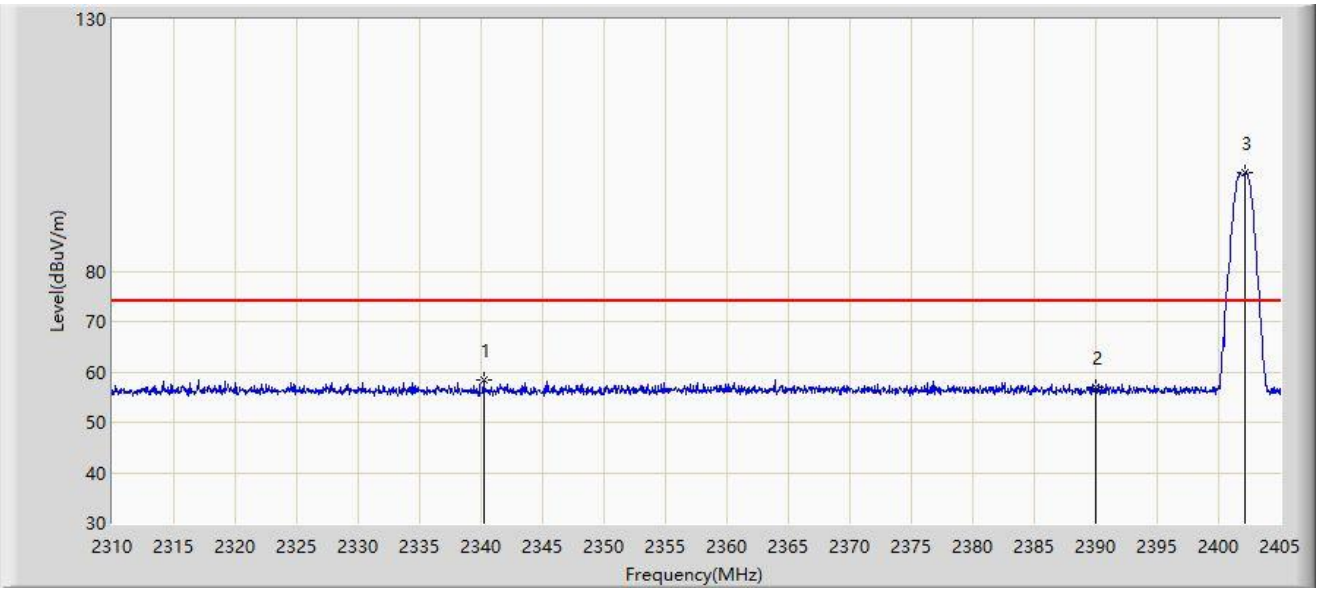
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2480.046	90.827	58.641	N/A	N/A	32.186	AV
2		2483.500	45.992	13.797	-8.008	54.000	32.195	AV
3	*	2493.862	46.049	13.826	-7.951	54.000	32.223	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2402MHz	



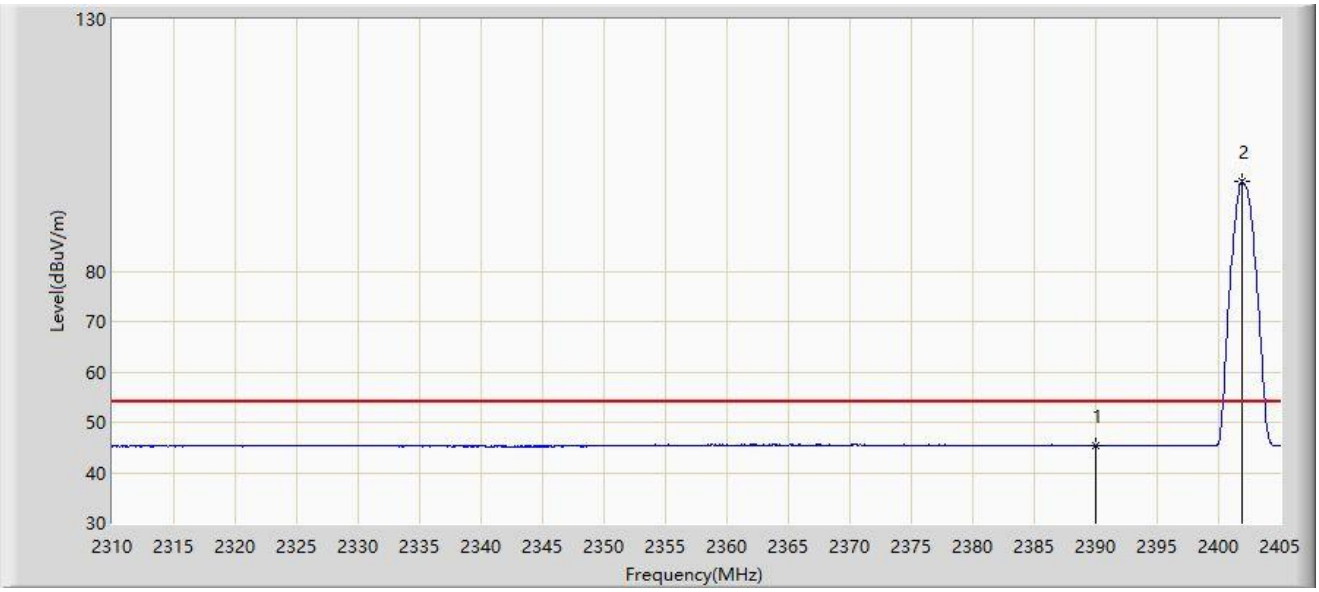
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2340.210	58.368	25.946	-15.632	74.000	32.422	PK
2		2390.000	56.934	24.530	-17.066	74.000	32.404	PK
3		2402.198	99.541	67.176	N/A	N/A	32.365	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2402MHz	



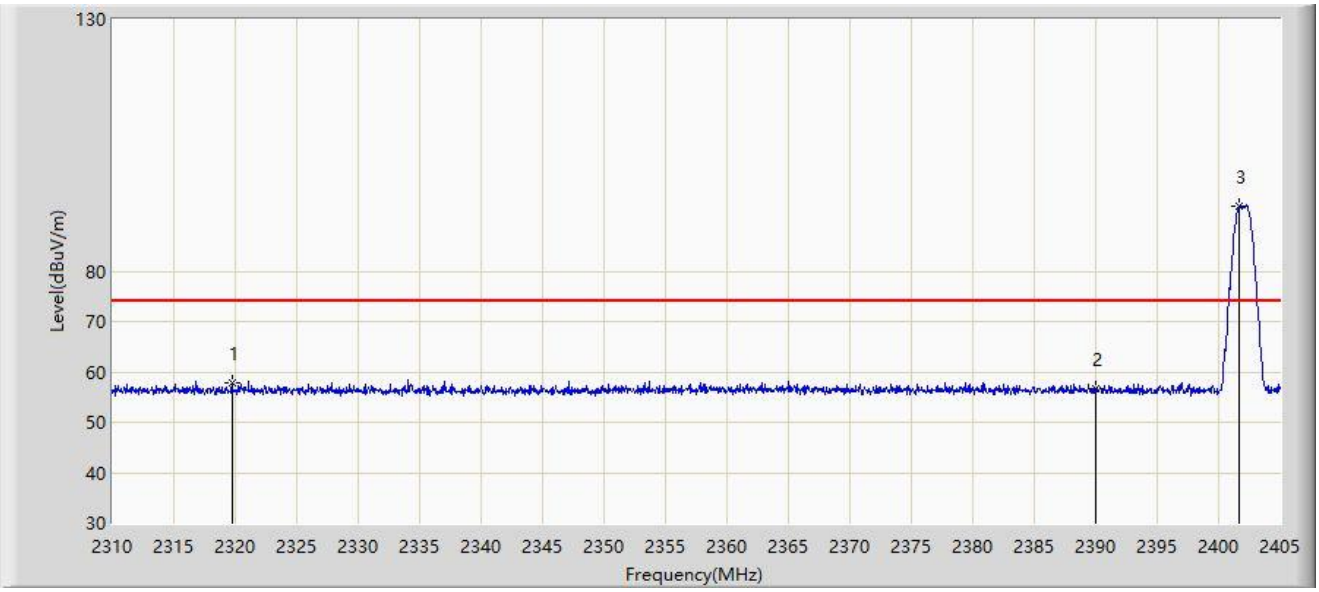
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	45.330	12.926	-8.670	54.000	32.404	AV
2		2401.865	97.860	65.494	N/A	N/A	32.366	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2402MHz	



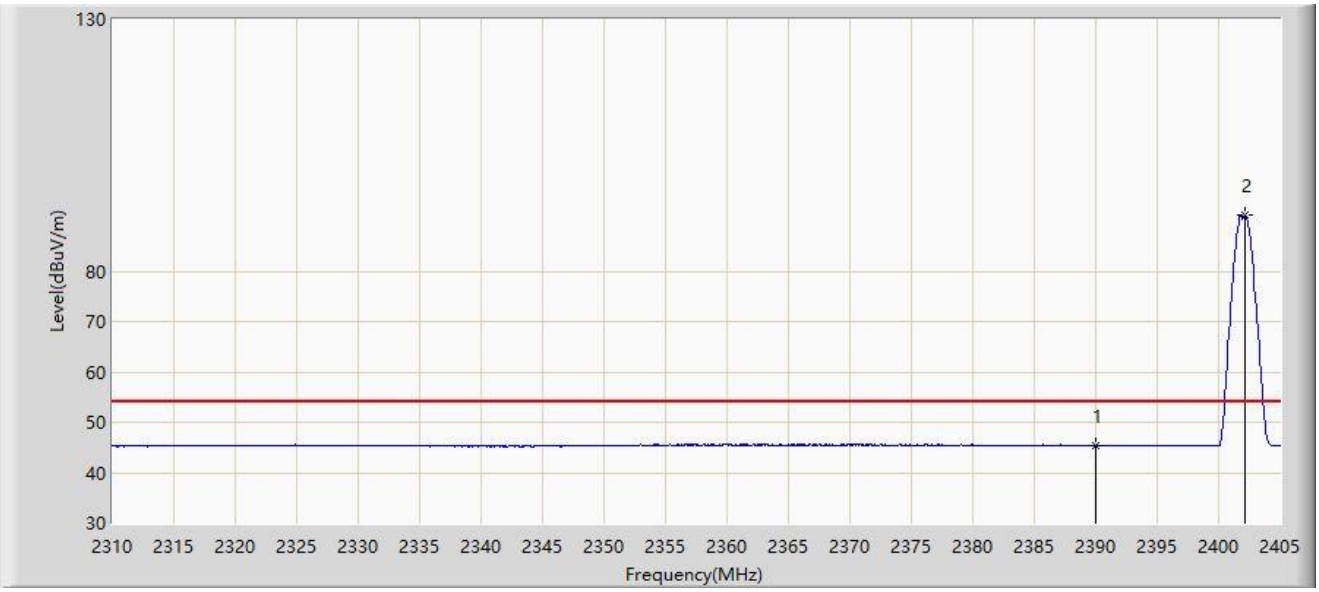
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2319.738	57.917	25.222	-16.083	74.000	32.695	PK
2		2390.000	56.590	24.186	-17.410	74.000	32.404	PK
3		2401.675	92.764	60.398	N/A	N/A	32.366	PK

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2402MHz	



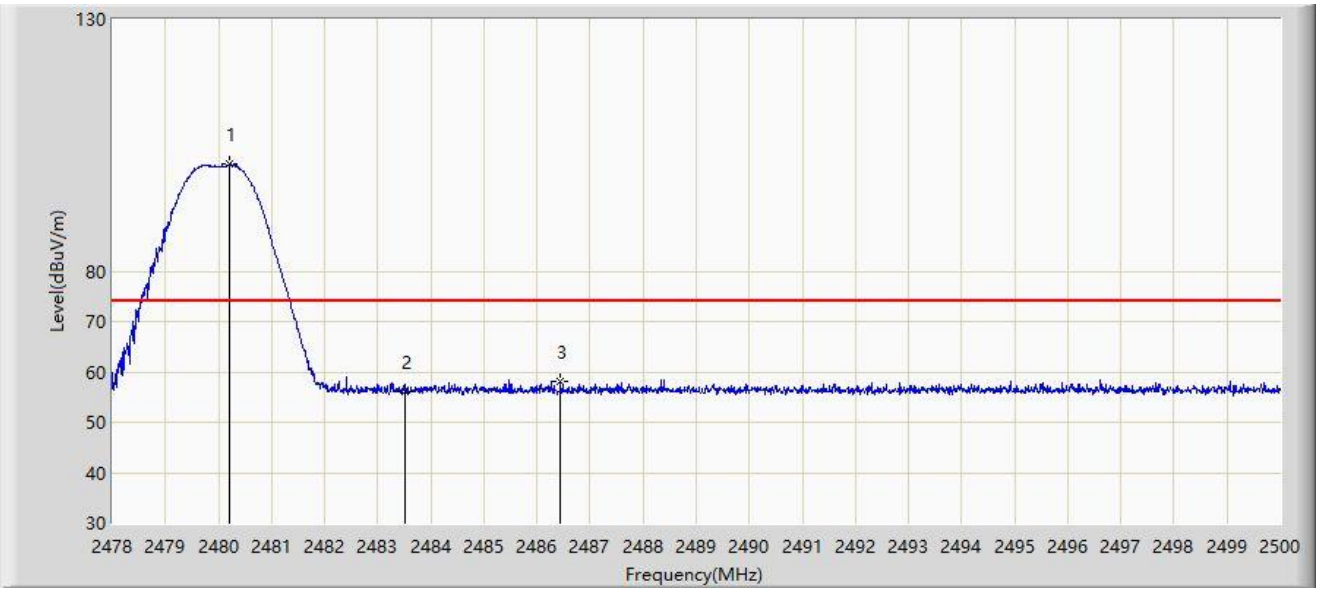
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2390.000	45.334	12.930	-8.666	54.000	32.404	AV
2		2402.103	91.090	58.724	N/A	N/A	32.365	AV

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: 2022-10-10
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2480MHz	



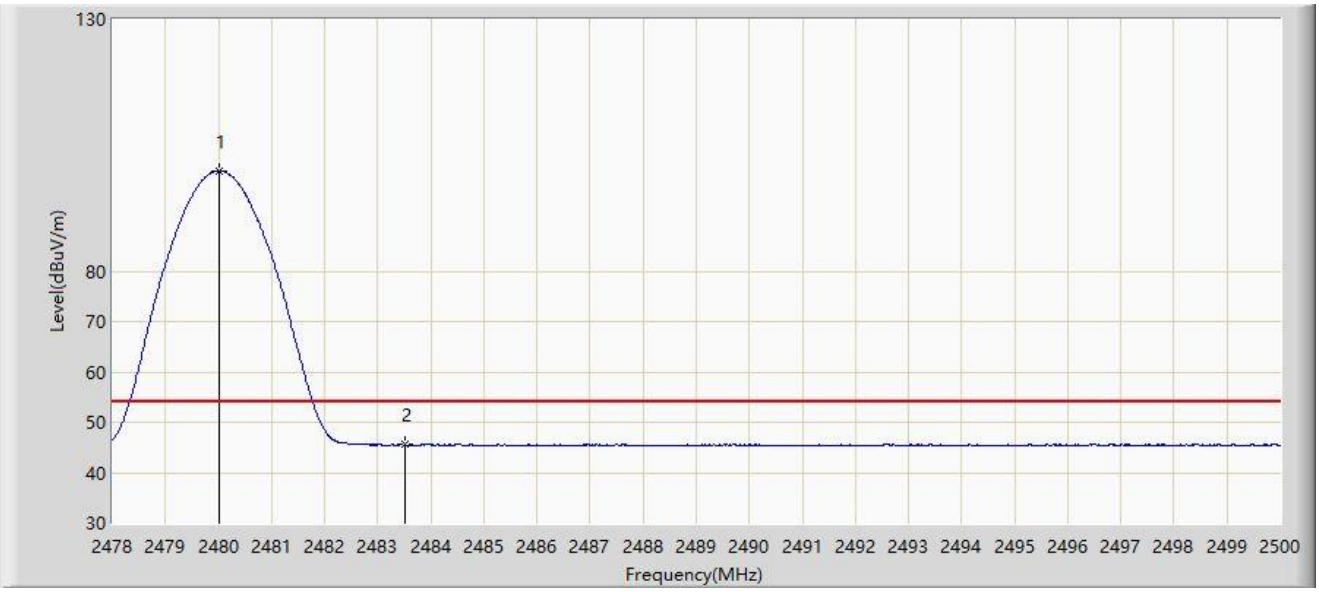
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.200	101.440	69.254	N/A	N/A	32.186	PK
2		2483.500	56.129	23.934	-17.871	74.000	32.195	PK
3	*	2486.437	58.247	26.044	-15.753	74.000	32.203	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2480MHz	



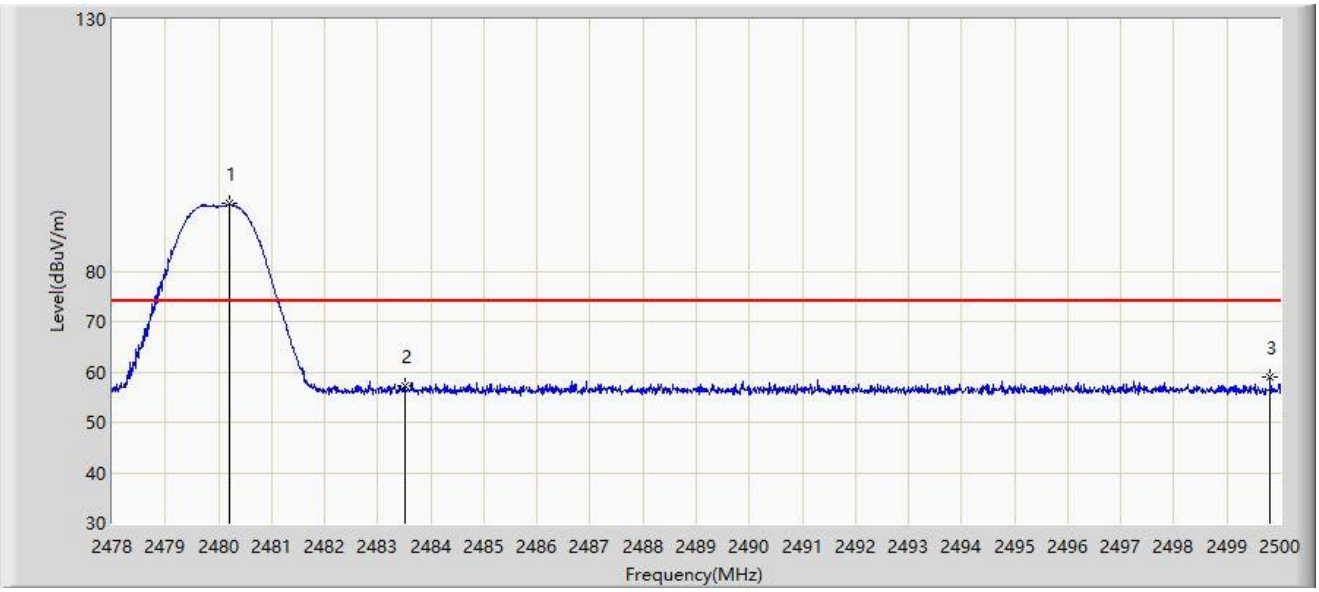
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.002	99.921	67.735	N/A	N/A	32.186	AV
2	*	2483.500	45.529	13.334	-8.471	54.000	32.195	AV

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2480MHz	



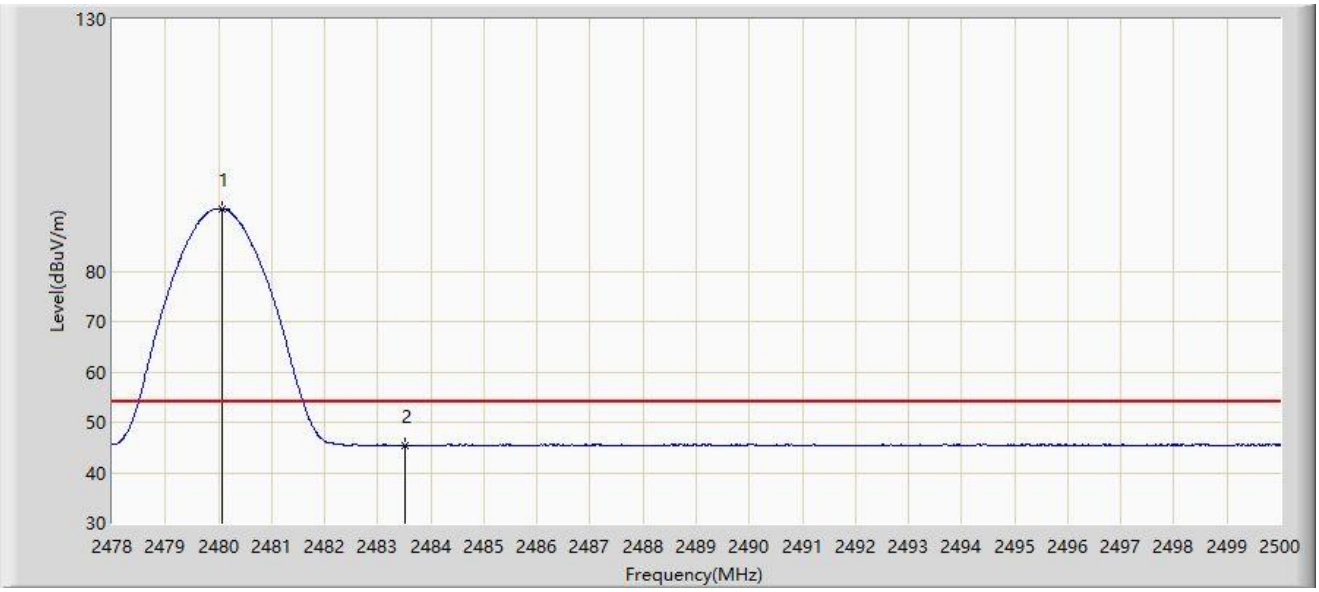
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.211	93.430	61.244	N/A	N/A	32.186	PK
2		2483.500	57.316	25.121	-16.684	74.000	32.195	PK
3	*	2499.813	58.999	26.761	-15.001	74.000	32.238	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S2 at 2480MHz	



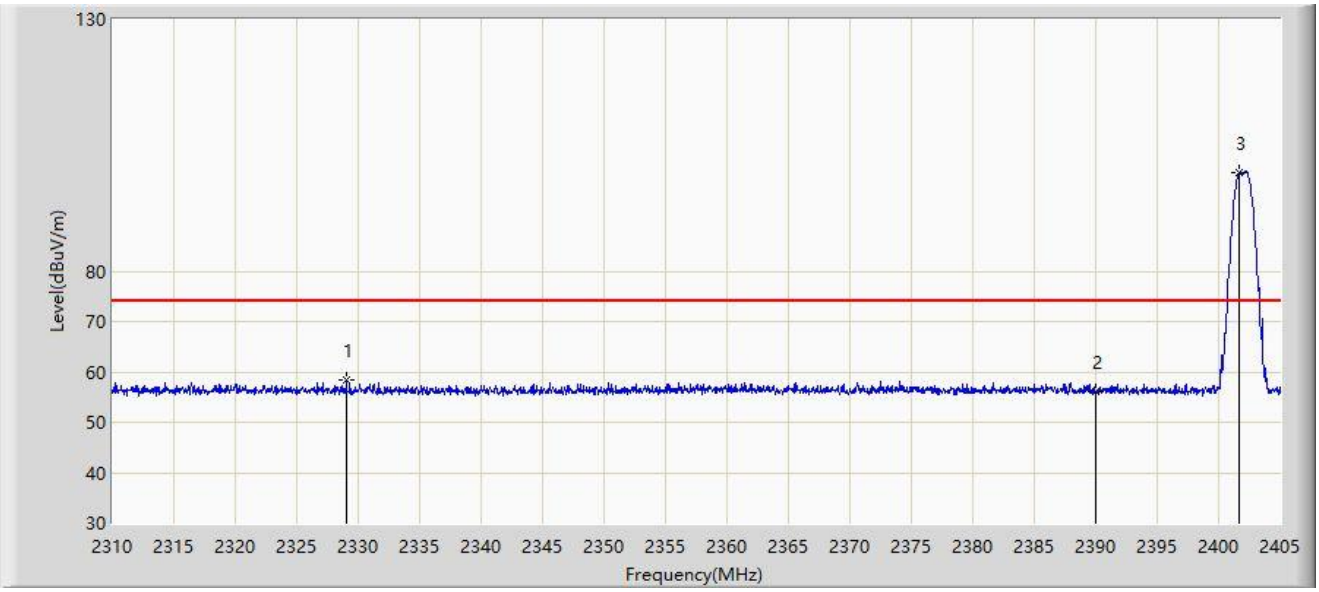
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.079	92.358	60.172	N/A	N/A	32.186	AV
2	*	2483.500	45.482	13.287	-8.518	54.000	32.195	AV

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2402MHz	



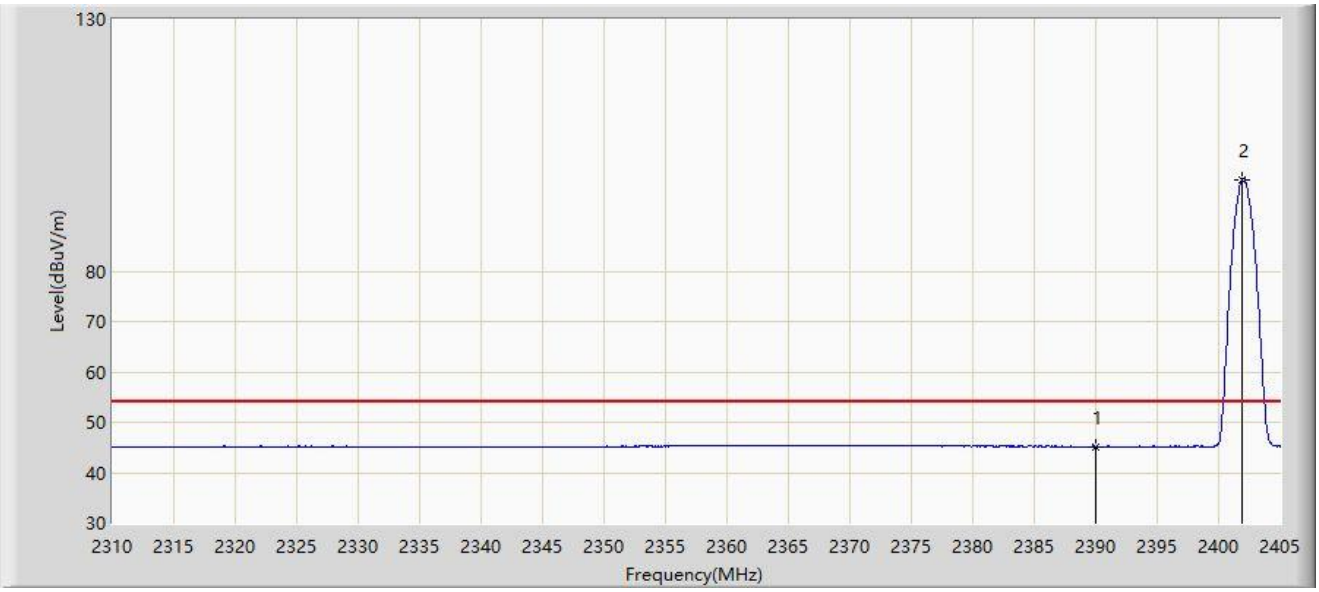
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	2329.048	58.435	25.806	-15.565	74.000	32.630	PK
2		2390.000	56.149	23.745	-17.851	74.000	32.404	PK
3		2401.675	99.511	67.145	N/A	N/A	32.366	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2402MHz	



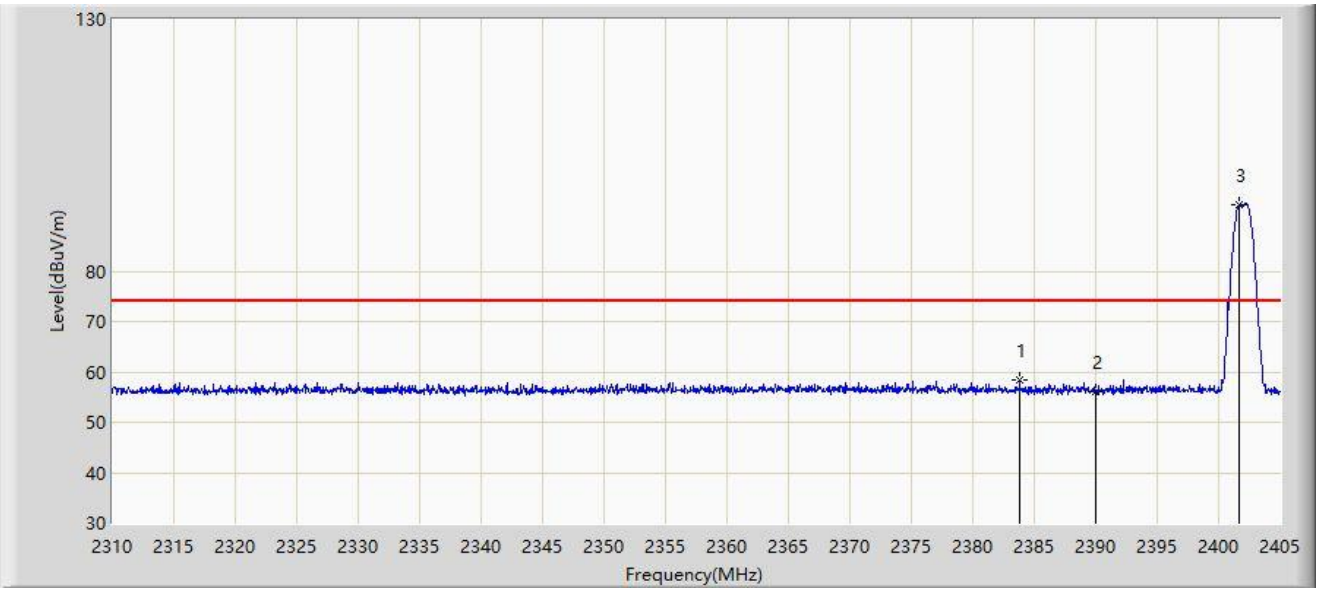
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	45.175	12.771	-8.825	54.000	32.404	AV
2		2401.913	98.257	65.891	N/A	N/A	32.366	AV

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2402MHz	



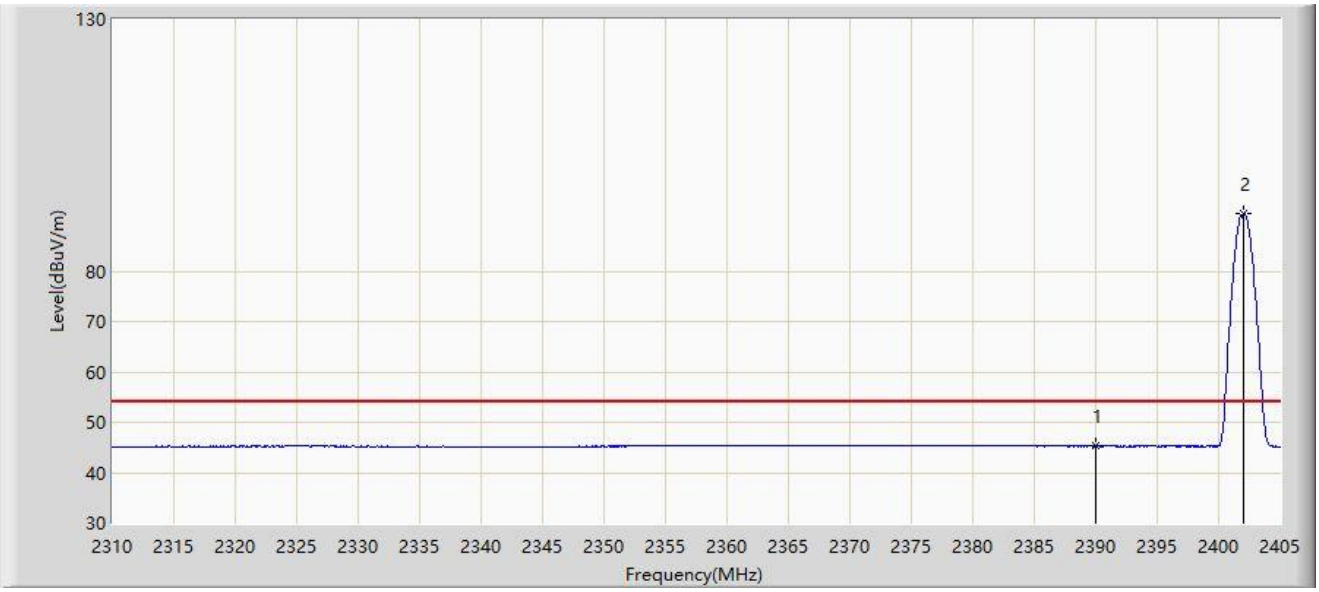
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.815	58.529	26.084	-15.471	74.000	32.445	PK
2		2390.000	56.047	23.643	-17.953	74.000	32.404	PK
3		2401.722	93.217	60.851	N/A	N/A	32.366	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2402MHz	



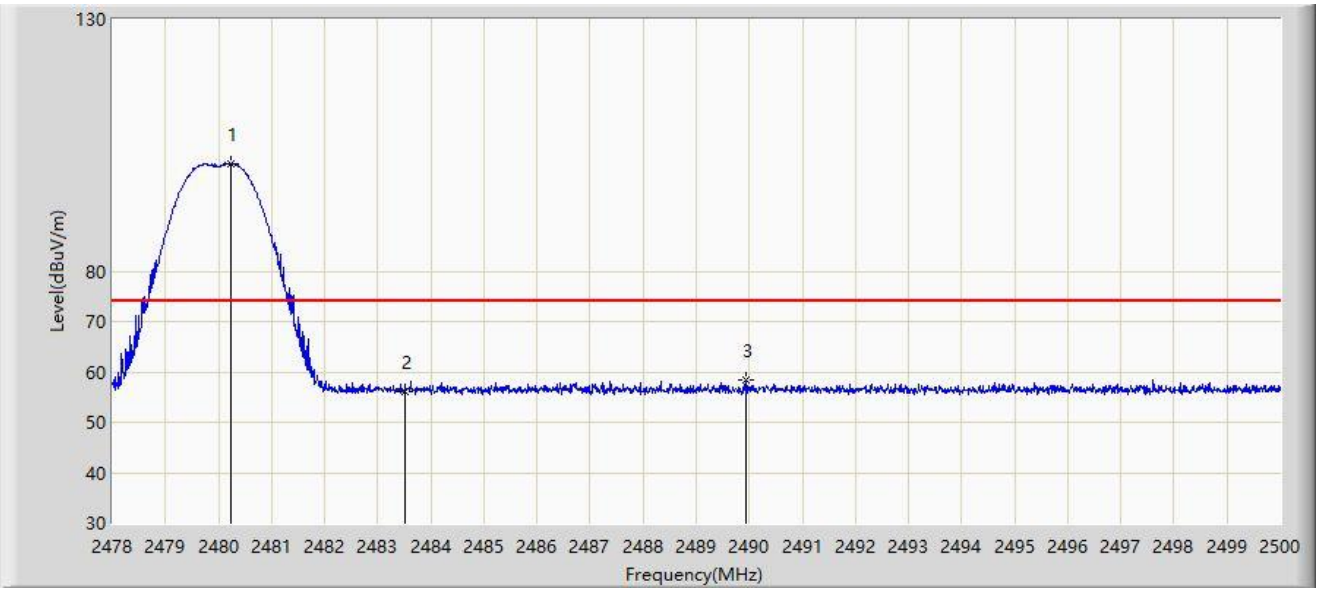
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2390.000	45.234	12.830	-8.766	54.000	32.404	AV
2		2402.055	91.366	59.000	N/A	N/A	32.365	AV

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2480MHz	



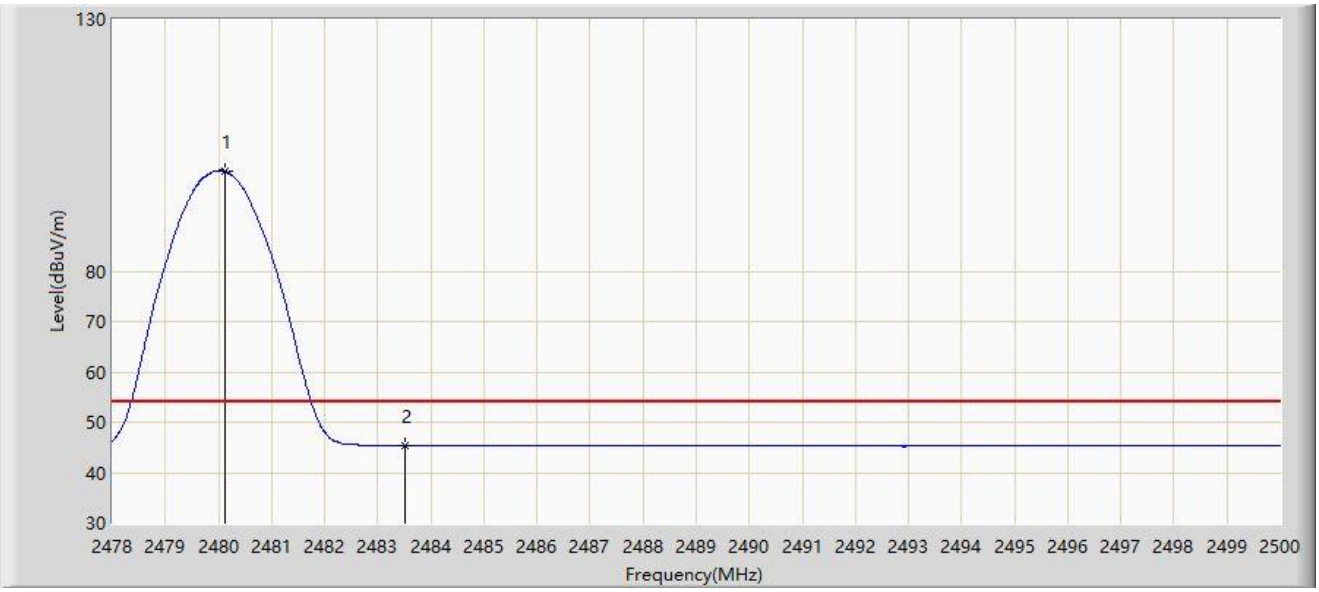
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.244	101.315	69.129	N/A	N/A	32.187	PK
2		2483.500	55.975	23.780	-18.025	74.000	32.195	PK
3	*	2489.946	58.413	26.200	-15.587	74.000	32.213	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Horizontal
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2480MHz	



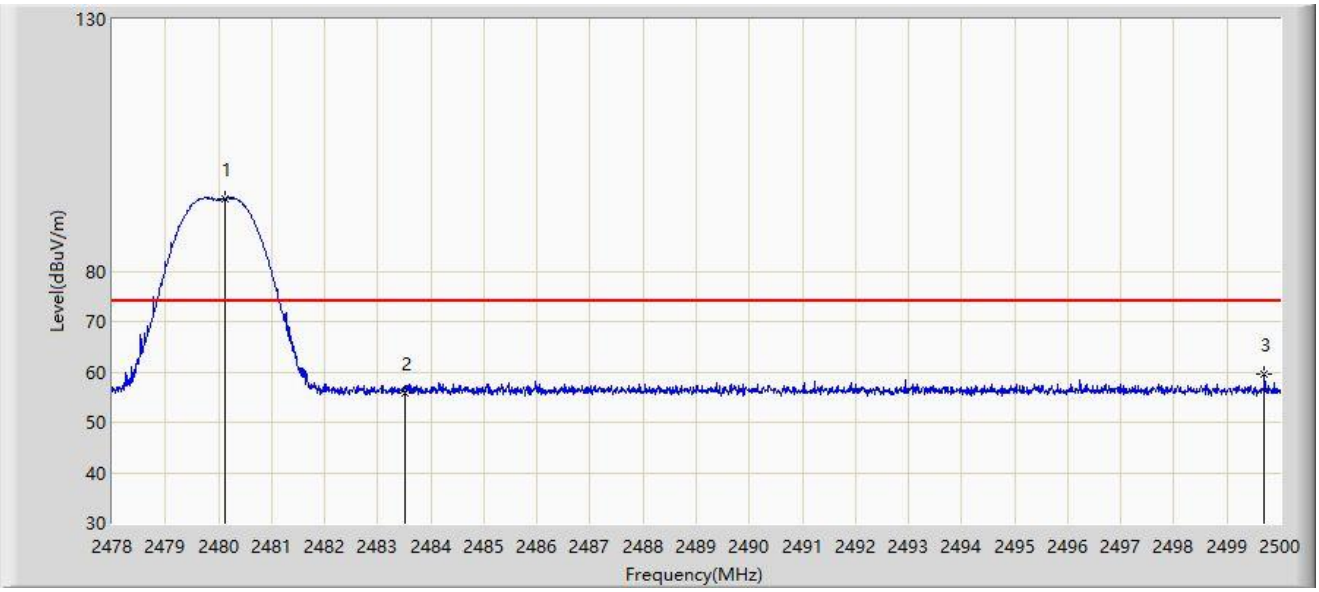
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.112	99.901	67.715	N/A	N/A	32.186	AV
2	*	2483.500	45.331	13.136	-8.669	54.000	32.195	AV

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 at 2480MHz	



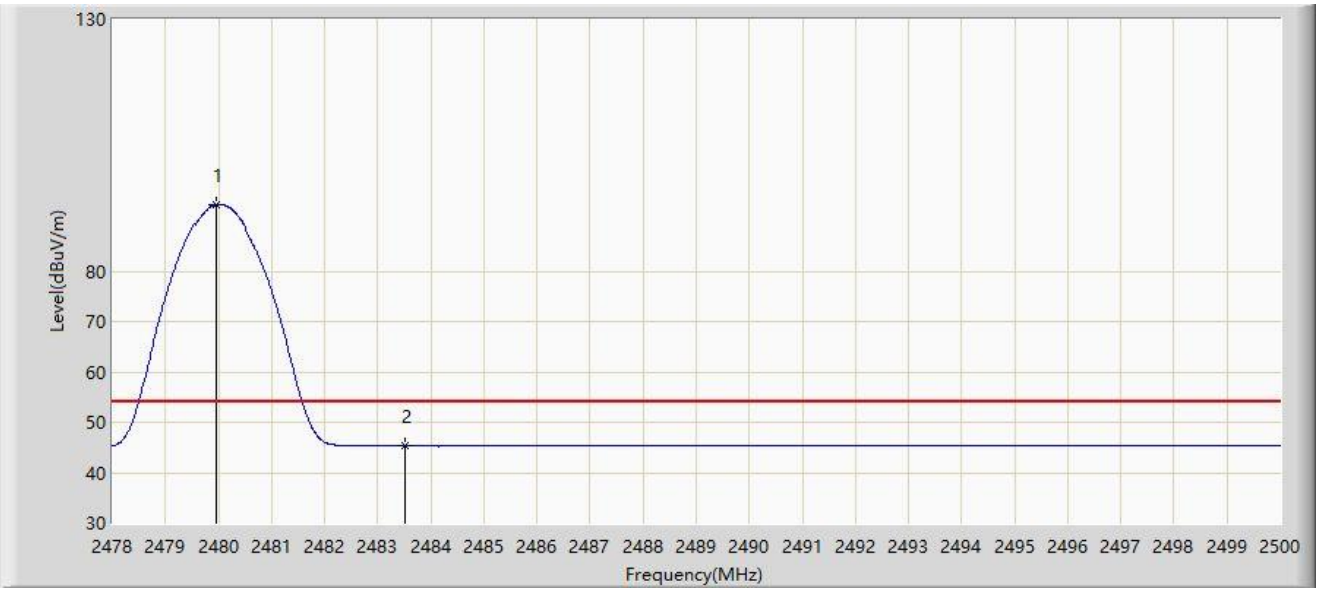
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		2480.134	94.447	62.261	N/A	N/A	32.186	PK
2		2483.500	55.843	23.648	-18.157	74.000	32.195	PK
3	*	2499.703	59.487	27.249	-14.513	74.000	32.238	PK

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: 2022-10-11
Limit: FCC_2.4G_RE(3m)	Engineer: Mero Zhou
Probe: BBHA 9120D_02042_1-18GHz	Polarity: Vertical
EUT: Mobile Computer	Power: By Battery
Test Mode: Transmit by BLE S8 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	93.214	61.028	N/A	N/A	32.185	AV
2	*	2483.500	45.258	13.063	-8.742	54.000	32.195	AV

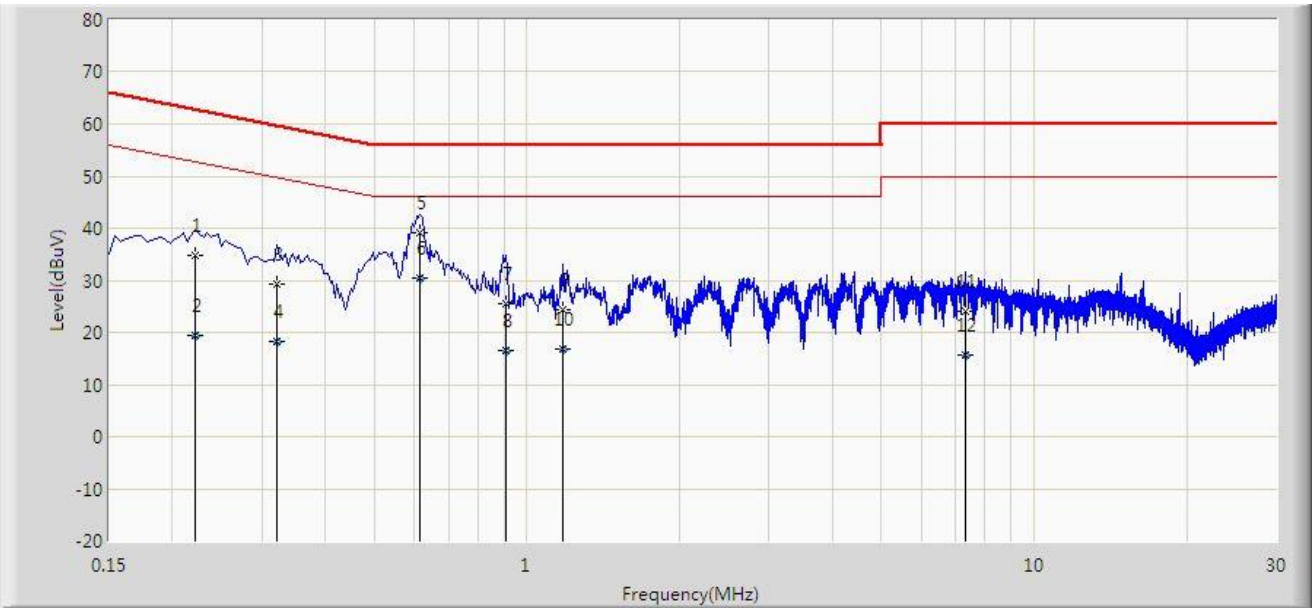
Note 1: " * ", means this data is the worst emission level.

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

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

A.8 AC Conducted Emissions Test Result

Site: SIP-SR2	Time: 2022/10/27 - 13:52
Temperature: 24.4°C	Humidity: 60.5%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by BLE 1M at 2402MHz	



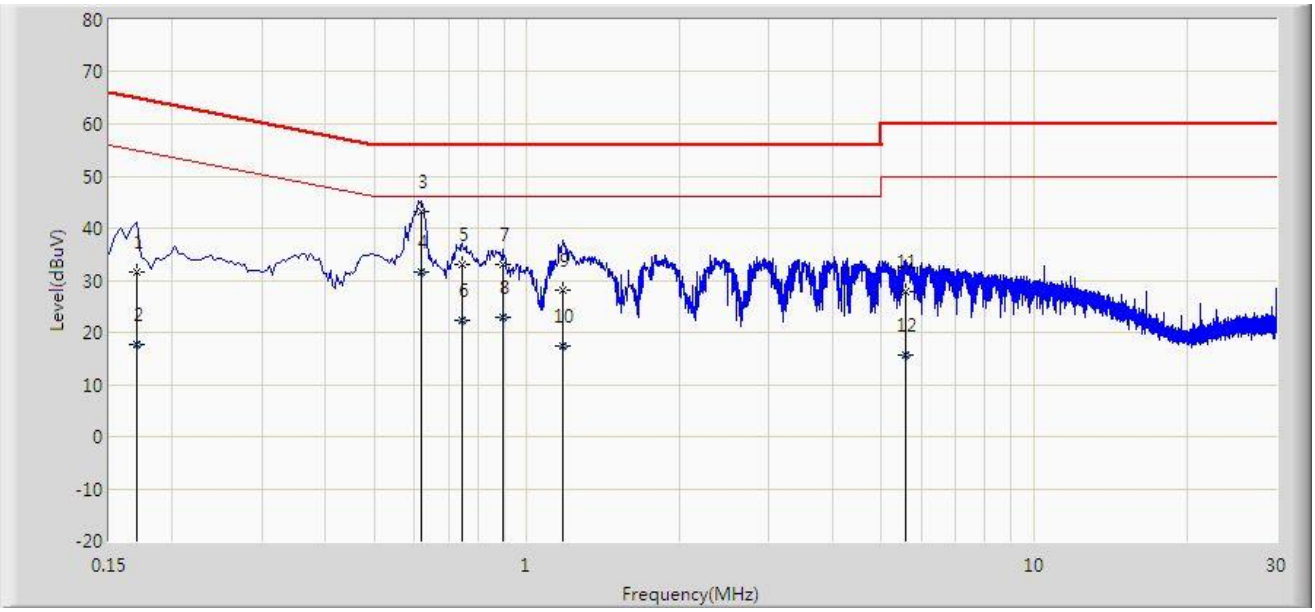
No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.222	34.817	25.033	-27.927	62.744	9.784	QP
2		0.222	19.385	9.600	-33.359	52.744	9.784	AV
3		0.322	29.171	19.353	-30.485	59.655	9.817	QP
4		0.322	18.382	8.565	-31.273	49.655	9.817	AV
5		0.614	39.141	29.307	-16.859	56.000	9.834	QP
6	*	0.614	30.461	20.626	-15.539	46.000	9.834	AV
7		0.906	25.407	15.563	-30.593	56.000	9.844	QP
8		0.906	16.620	6.776	-29.380	46.000	9.844	AV
9		1.174	24.311	14.438	-31.689	56.000	9.873	QP
10		1.174	16.891	7.018	-29.109	46.000	9.873	AV
11		7.314	23.928	13.476	-36.072	60.000	10.452	QP
12		7.314	15.514	5.062	-34.486	50.000	10.452	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: SIP-SR2	Time: 2022/10/27 - 13:59
Temperature: 24.4°C	Humidity: 60.5%
Limit: FCC_Part15.107_CE_AC Power_Class B	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode: Transmit by BLE 1M at 2402MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		0.170	31.636	21.901	-33.324	64.960	9.736	QP
2		0.170	17.697	7.961	-37.263	54.960	9.736	AV
3	*	0.618	43.109	33.284	-12.891	56.000	9.826	QP
4		0.618	31.664	21.838	-14.336	46.000	9.826	AV
5		0.746	33.020	23.185	-22.980	56.000	9.835	QP
6		0.746	22.453	12.618	-23.547	46.000	9.835	AV
7		0.894	32.920	23.079	-23.080	56.000	9.841	QP
8		0.894	22.964	13.124	-23.036	46.000	9.841	AV
9		1.178	28.034	18.163	-27.966	56.000	9.871	QP
10		1.178	17.505	7.634	-28.495	46.000	9.871	AV
11		5.582	27.869	17.603	-32.131	60.000	10.266	QP
12		5.582	15.663	5.397	-34.337	50.000	10.266	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).

Appendix B - Test Setup Photograph

Refer to “2209RSU040-UT” file.

Appendix C - EUT Photograph

Refer to “2209RSU040-UE” file.

The End