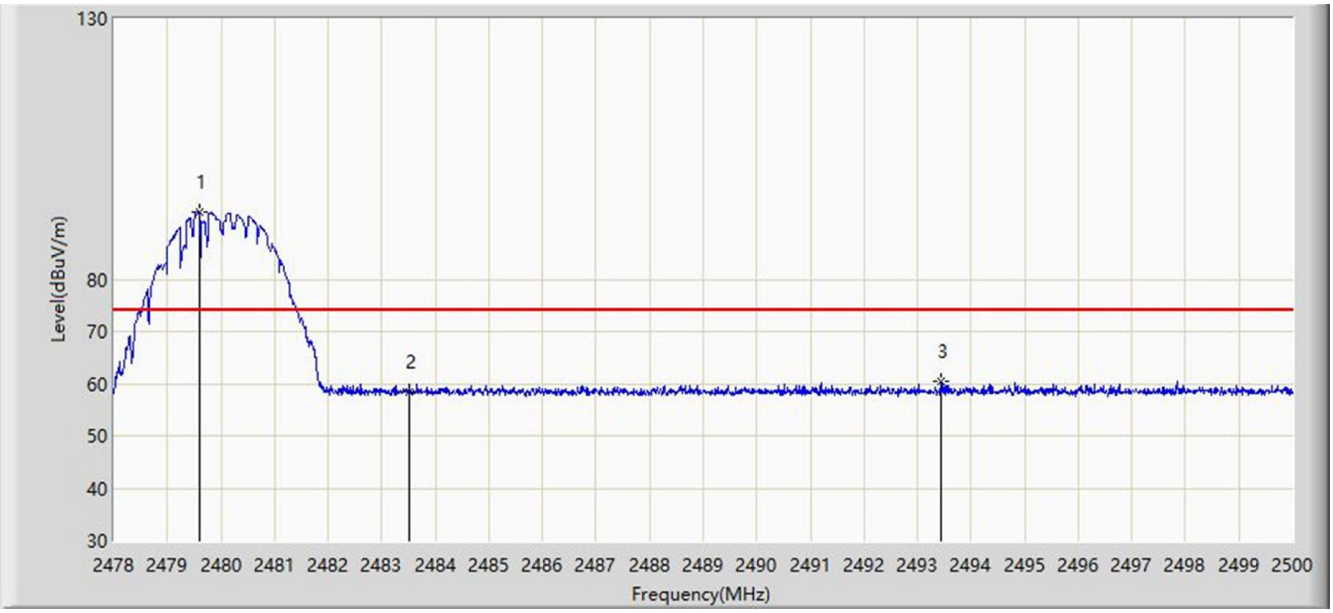
Site: AC1	Time: 2019/11/20 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Chip Antenna	

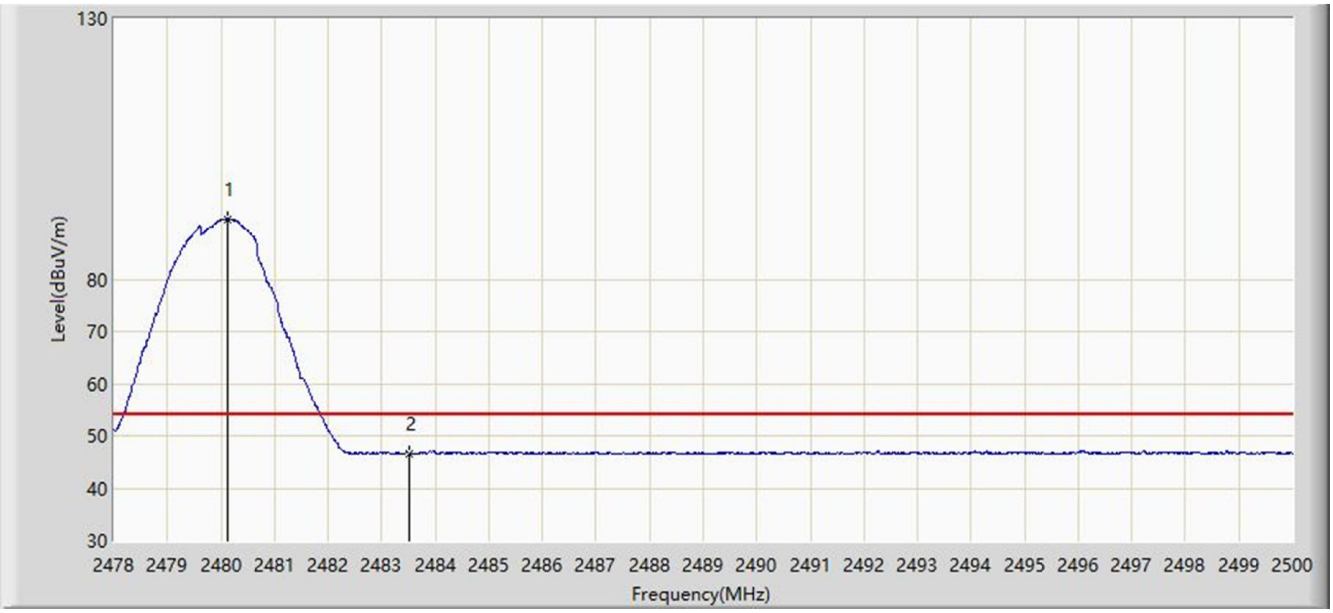


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.595	92.950	60.906	NA	NA	32.044	PK
2			2483.500	58.289	26.252	-15.711	74.000	32.037	PK
3			2493.433	60.297	28.279	-13.703	74.000	32.019	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:03
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Chip Antenna	

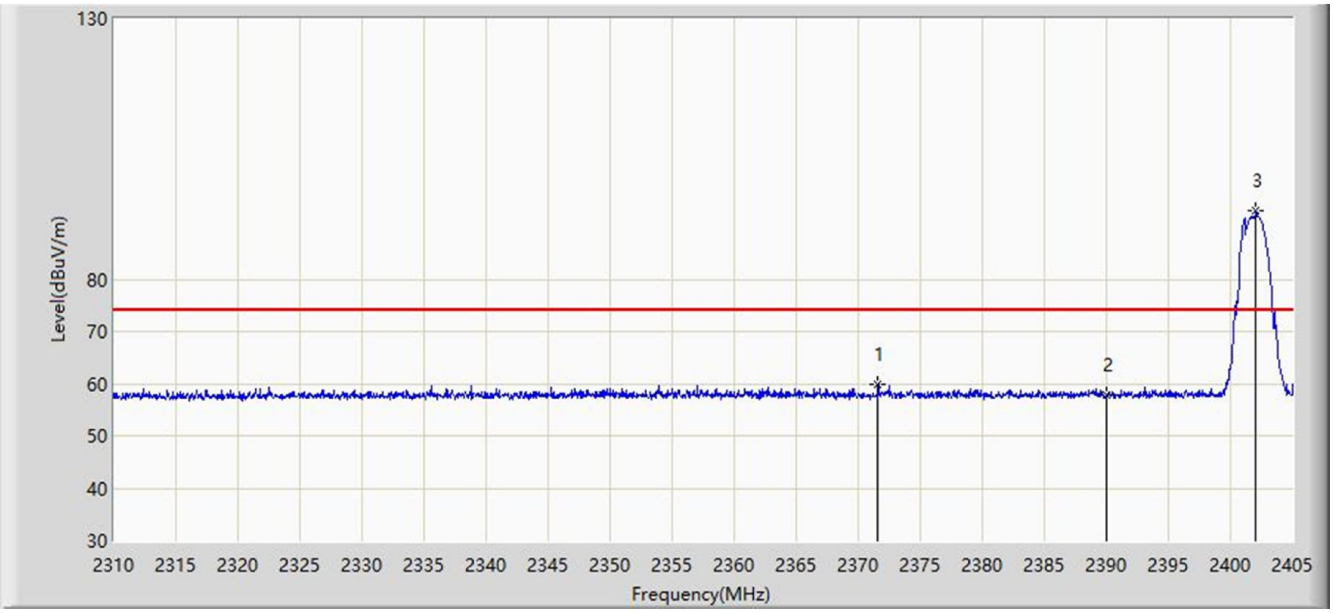


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	91.519	59.476	NA	NA	32.043	AV
2			2483.500	46.644	14.607	-7.356	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:31
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Chip Antenna	

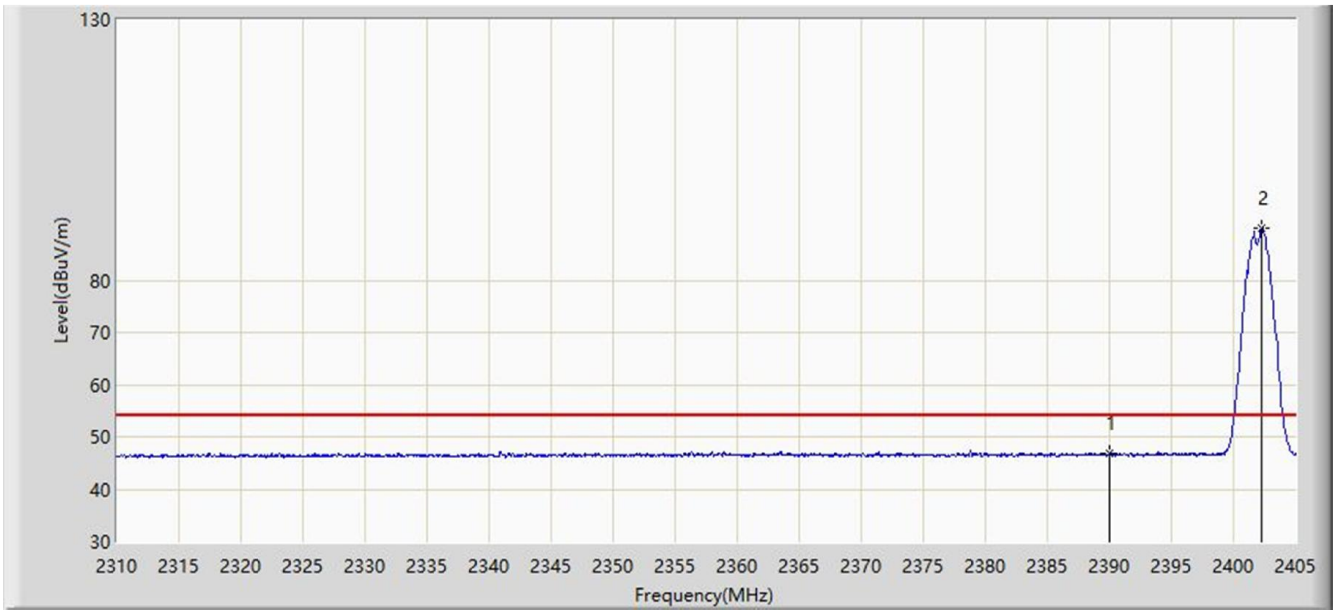


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.607	59.816	27.725	-14.184	74.000	32.090	PK
2			2390.000	57.730	25.658	-16.270	74.000	32.072	PK
3		*	2402.055	93.060	60.985	NA	NA	32.076	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:34
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Chip Antenna	

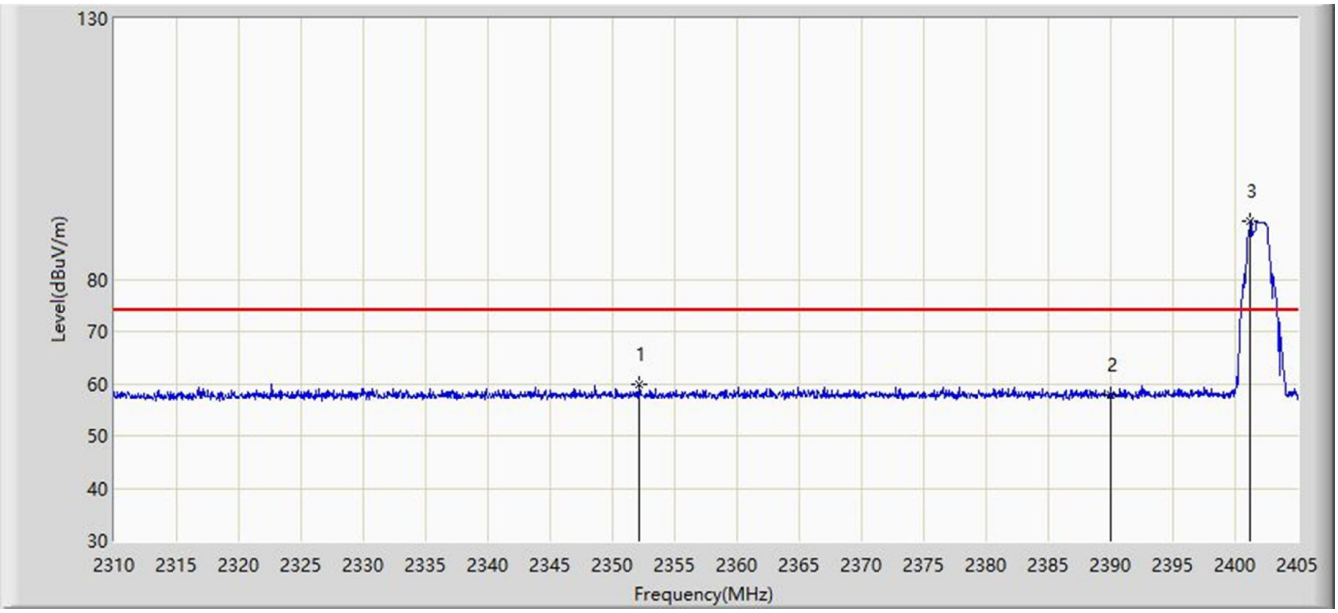


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.835	14.763	-7.165	54.000	32.072	AV
2		*	2402.292	90.118	58.042	NA	NA	32.075	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Chip Antenna	

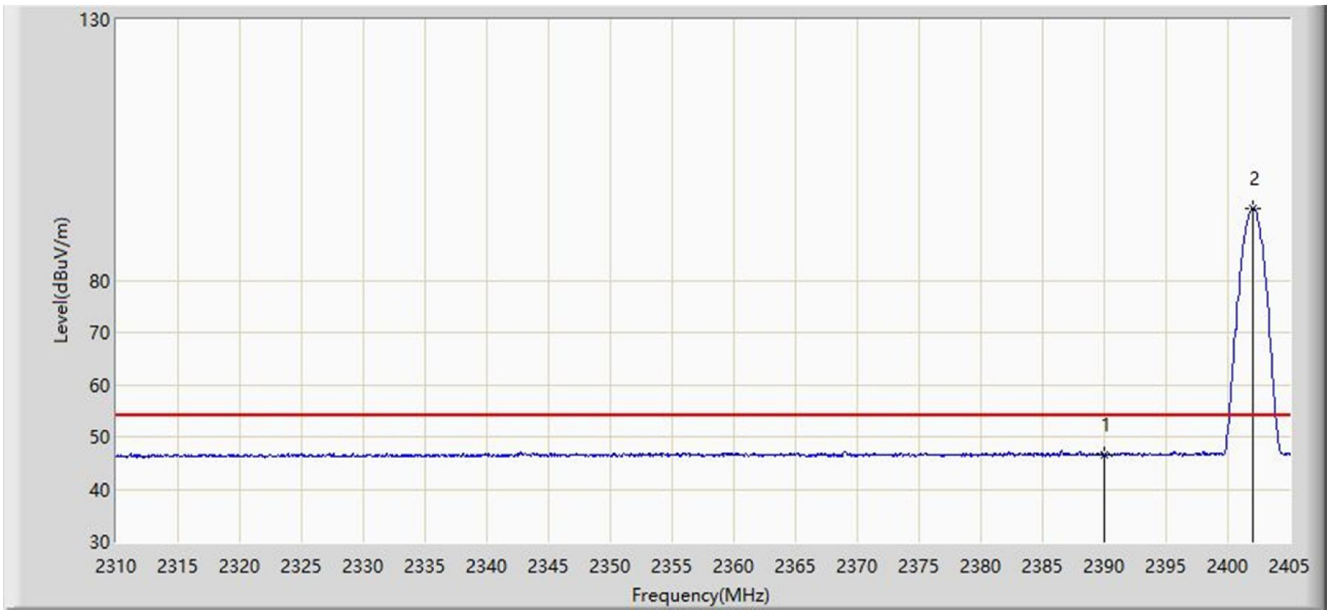


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.180	59.953	27.824	-14.047	74.000	32.128	PK
2			2390.000	57.818	25.746	-16.182	74.000	32.072	PK
3		*	2401.248	91.246	59.171	NA	NA	32.075	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:40
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Chip Antenna	

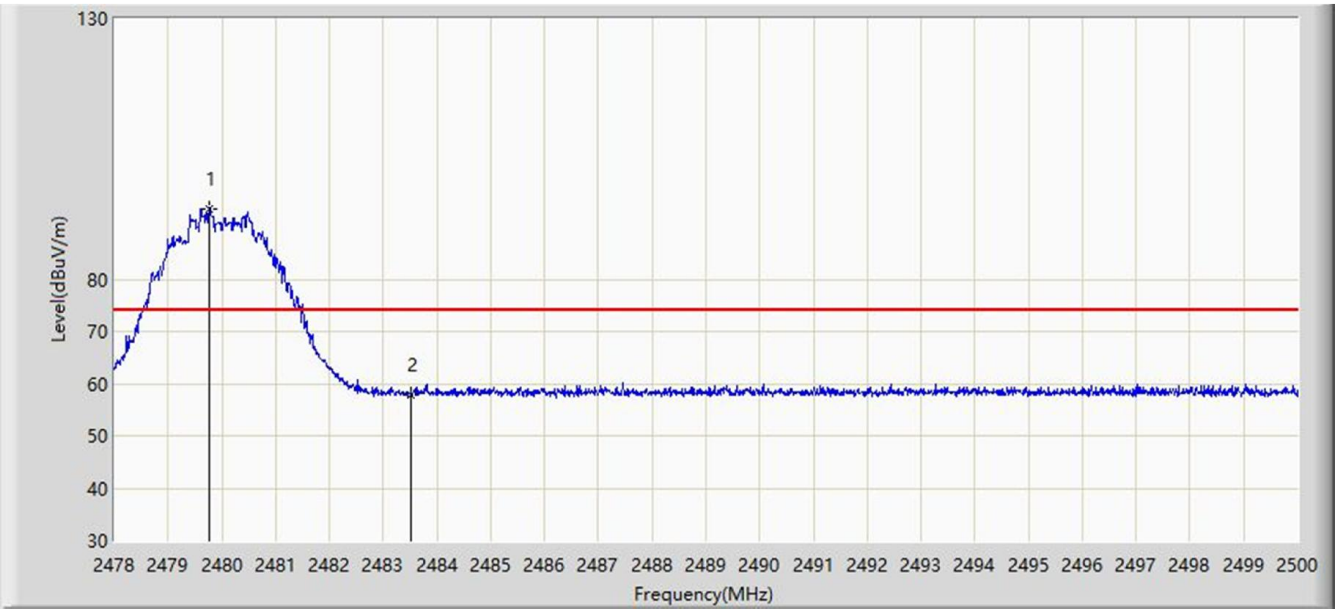


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.382	14.310	-7.618	54.000	32.072	AV
2		*	2402.008	93.840	61.765	NA	NA	32.076	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:42
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Chip Antenna	

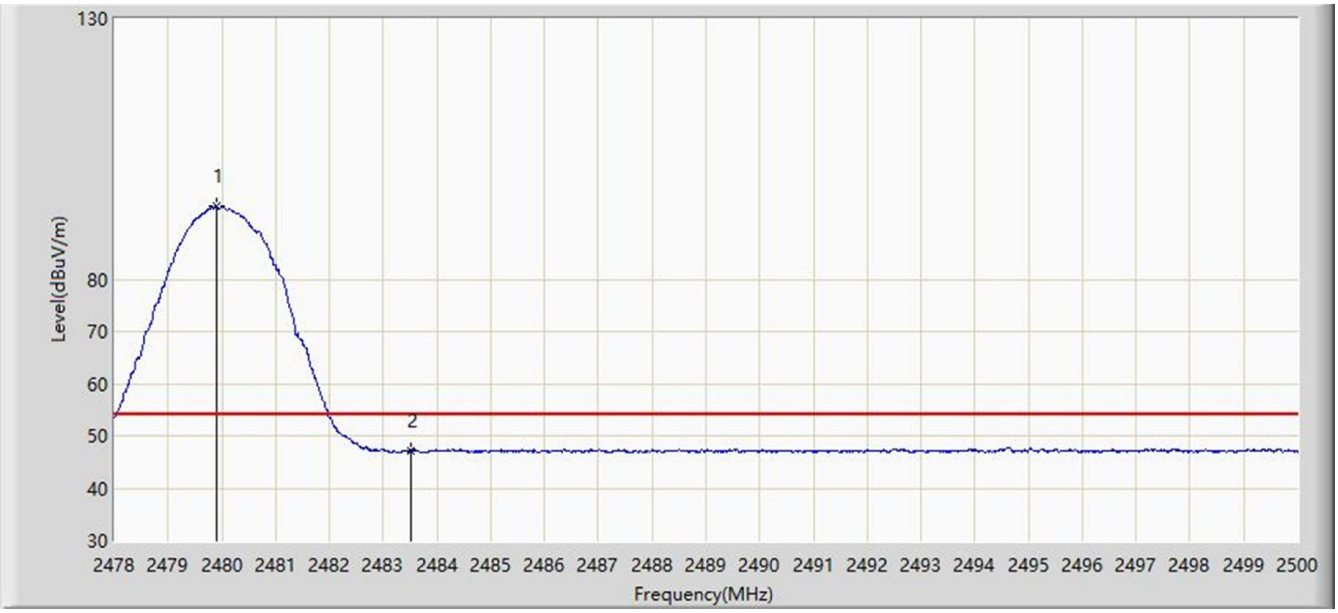


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.760	93.548	61.504	NA	NA	32.044	PK
2			2483.500	57.741	25.704	-16.259	74.000	32.037	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Chip Antenna	

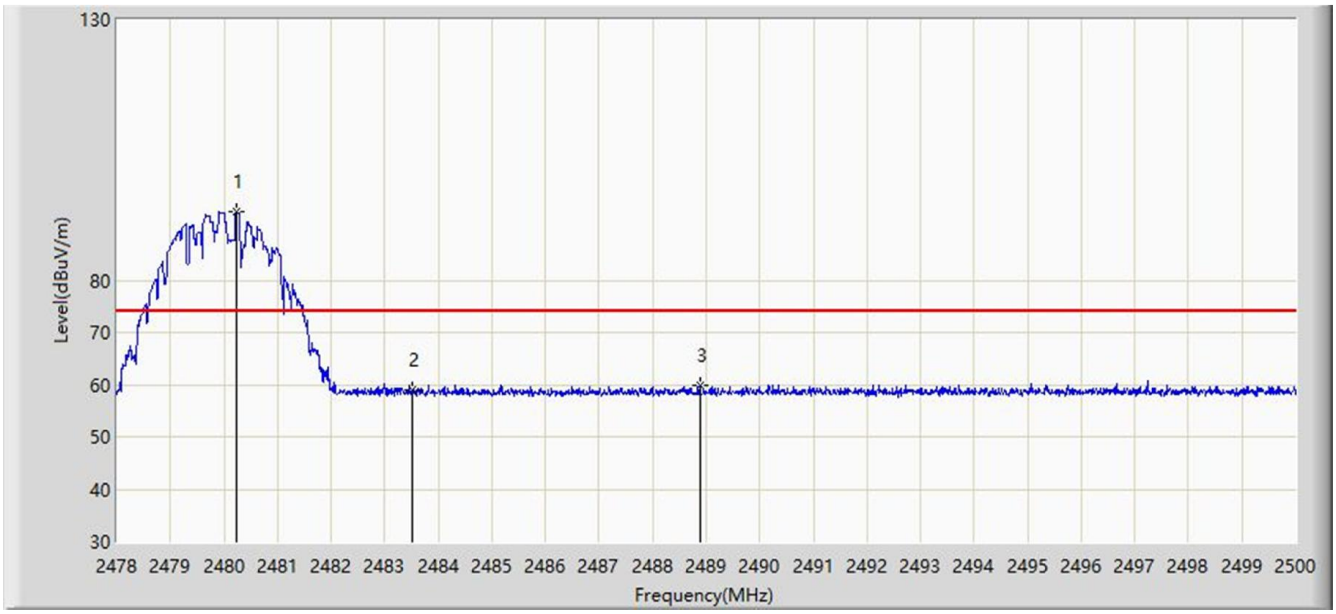


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	93.974	61.930	NA	NA	32.044	AV
2			2483.500	47.245	15.208	-6.755	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:47
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Chip Antenna	

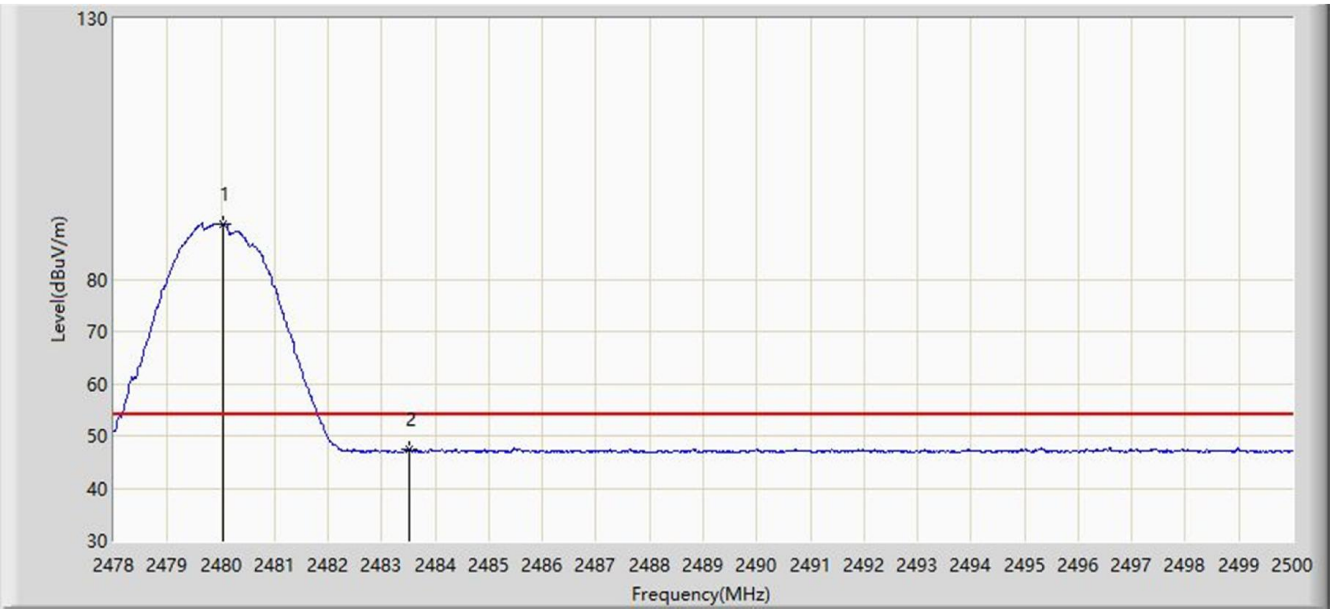


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.222	93.201	61.158	NA	NA	32.043	PK
2			2483.500	58.848	26.811	-15.152	74.000	32.037	PK
3			2488.890	59.894	27.867	-14.106	74.000	32.027	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 01:53
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Chip Antenna	

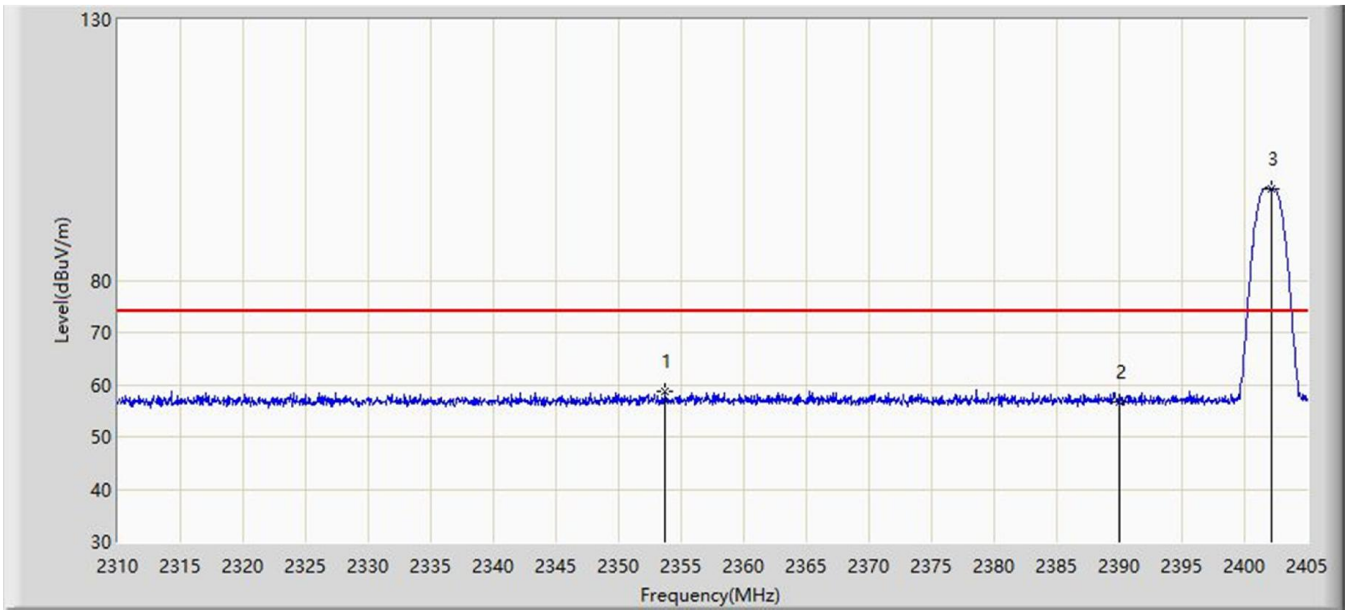


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	90.715	58.672	NA	NA	32.044	AV
2			2483.500	47.502	15.465	-6.498	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2402MHz with Pattern Antenna	

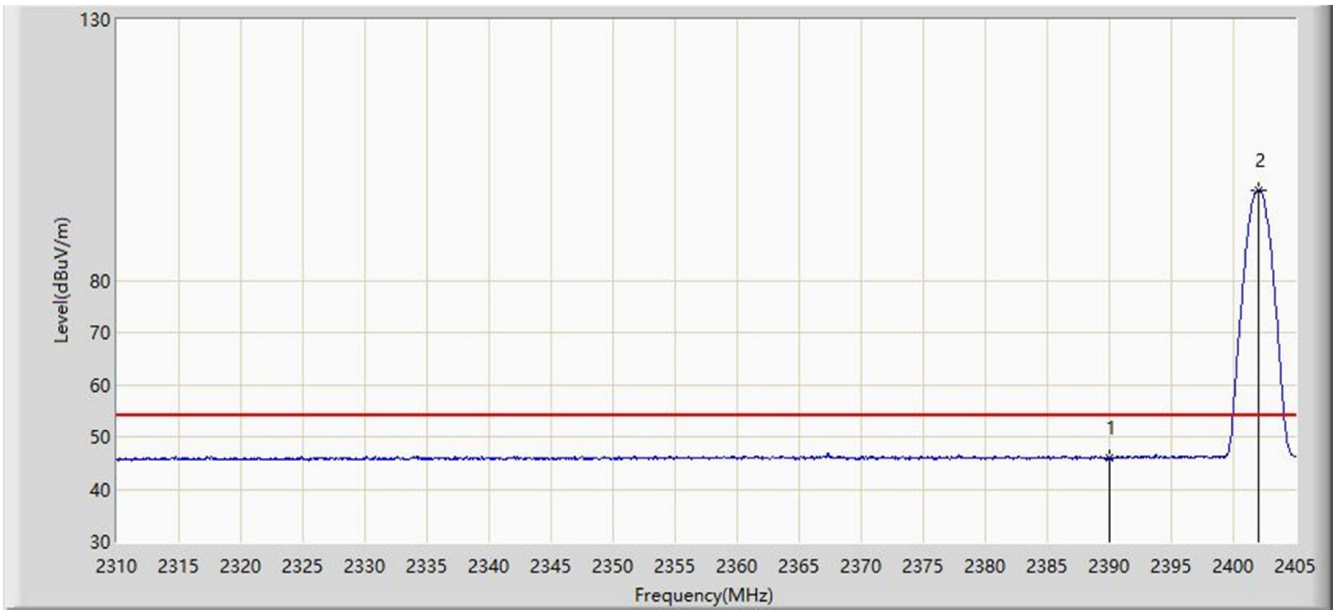


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.748	58.718	26.591	-15.282	74.000	32.127	PK
2			2390.000	56.719	24.647	-17.281	74.000	32.072	PK
3		*	2402.150	97.624	65.549	NA	NA	32.076	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2402MHz with Pattern Antenna	

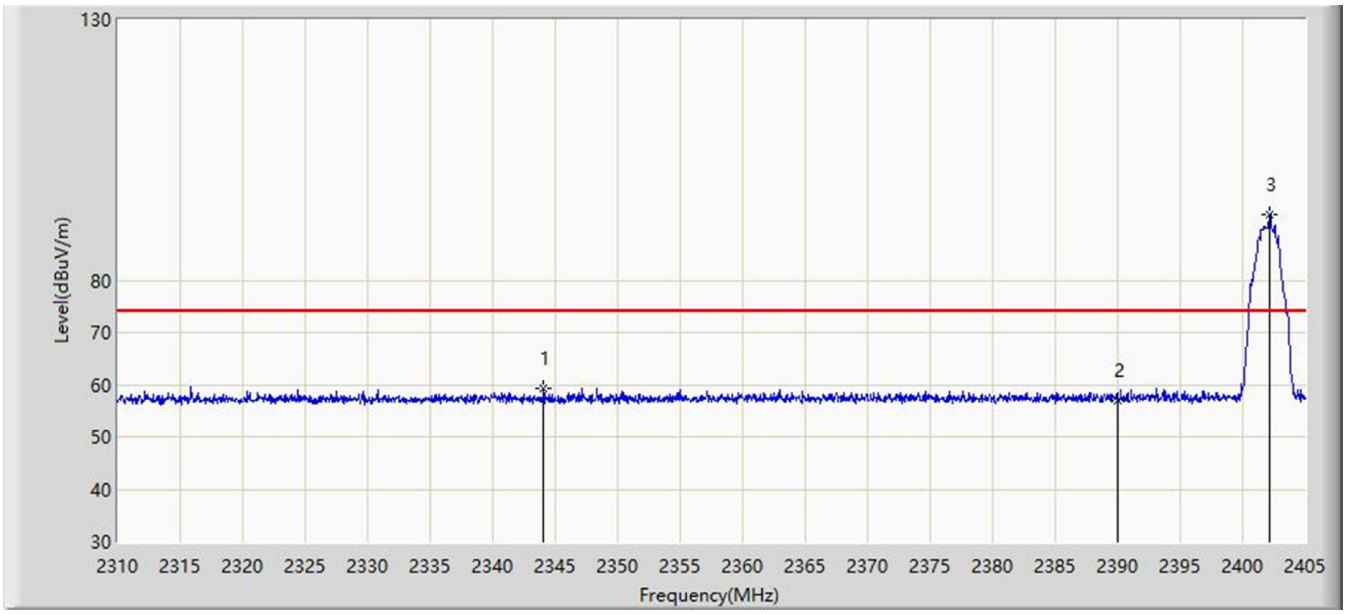


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.804	13.732	-8.196	54.000	32.072	AV
2		*	2402.008	97.253	65.178	NA	NA	32.076	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:17
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2402MHz with Pattern Antenna	

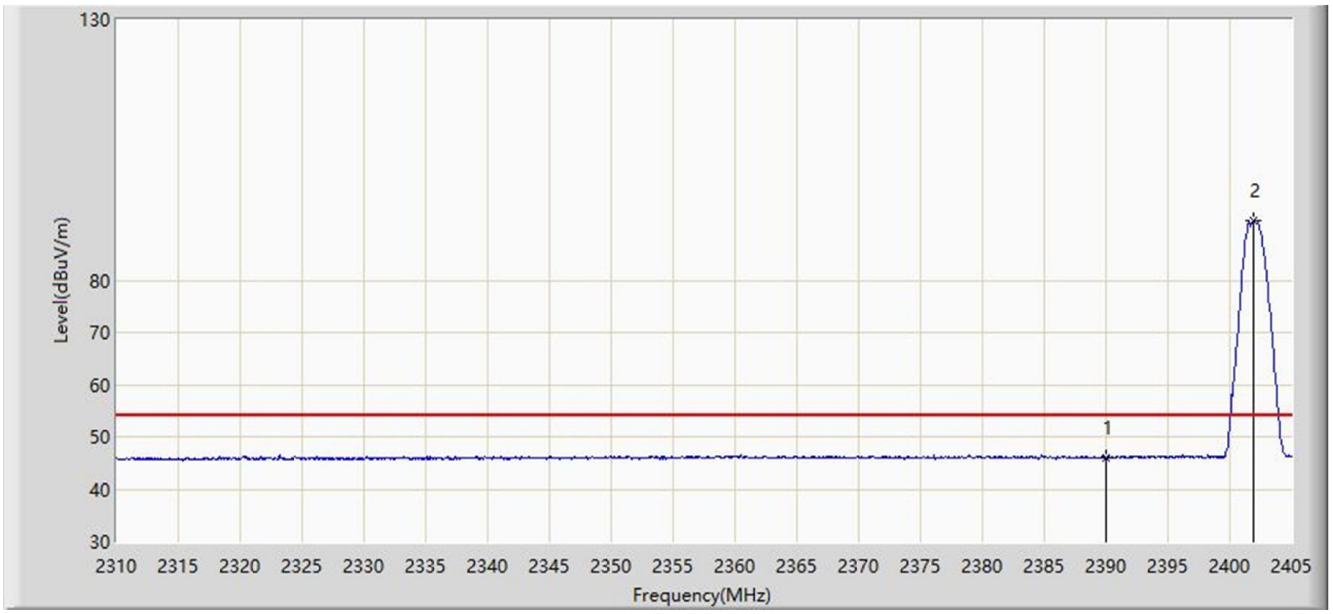


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2344.105	59.196	27.061	-14.804	74.000	32.135	PK
2			2390.000	57.087	57.087	-16.913	74.000	0.000	PK
3		*	2402.103	92.578	60.503	NA	NA	32.076	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2402MHz with Pattern Antenna	

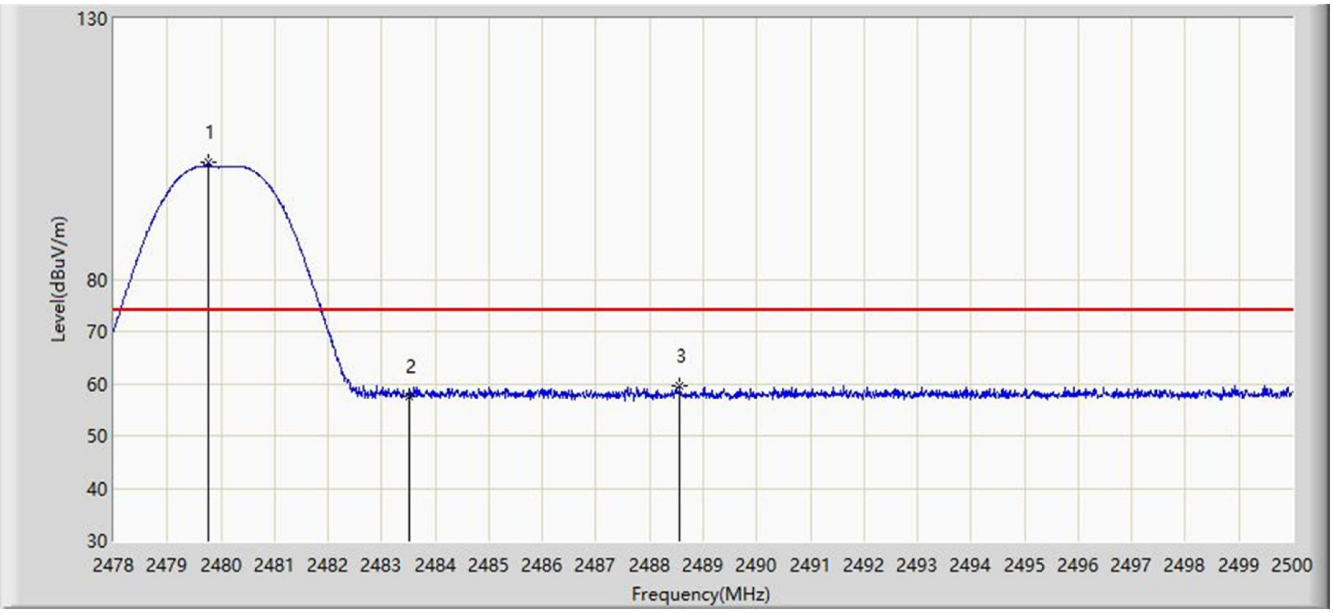


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.992	13.920	-8.008	54.000	32.072	AV
2		*	2401.960	91.366	59.291	NA	NA	32.075	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Pattern Antenna	

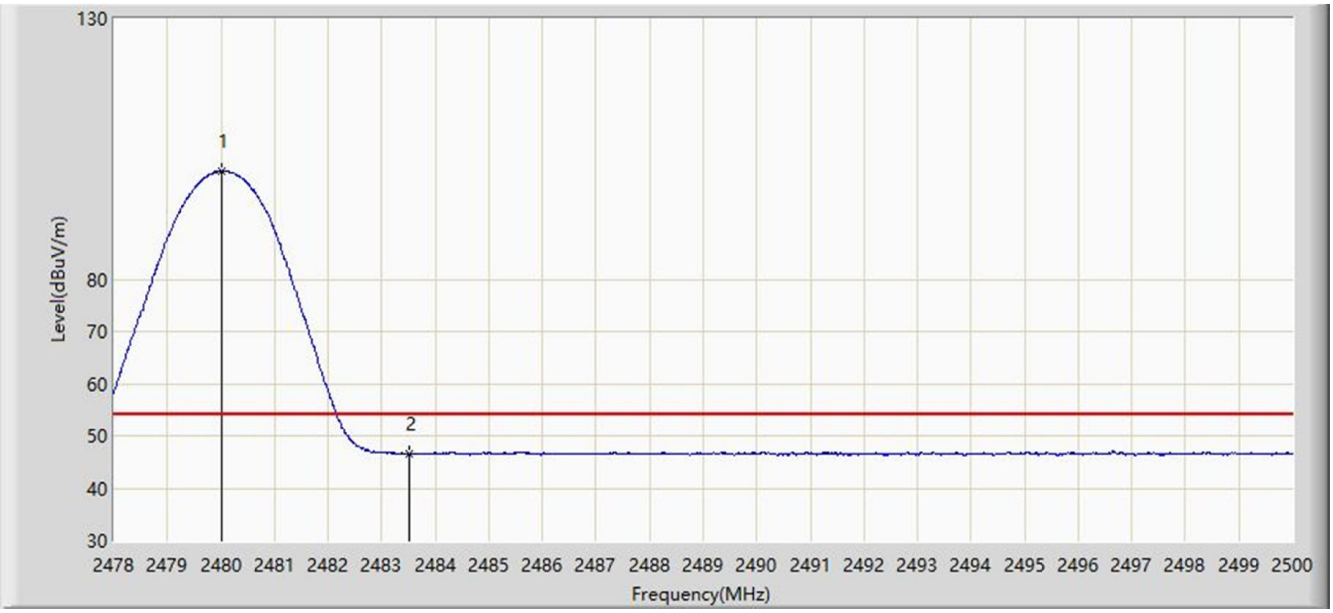


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.760	102.473	70.429	NA	NA	32.044	PK
2			2483.500	57.552	25.515	-16.448	74.000	32.037	PK
3			2488.571	59.516	27.489	-14.484	74.000	32.027	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Pattern Antenna	

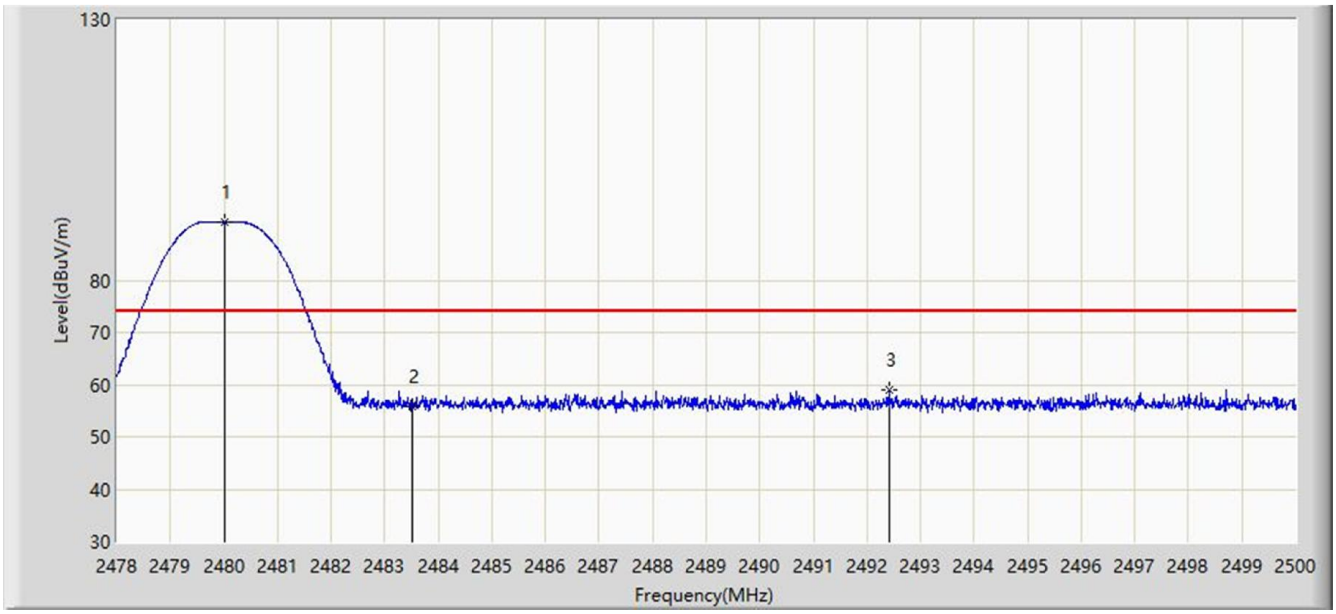


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	100.795	68.751	NA	NA	32.044	AV
2			2483.500	46.469	14.432	-7.531	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Pattern Antenna	

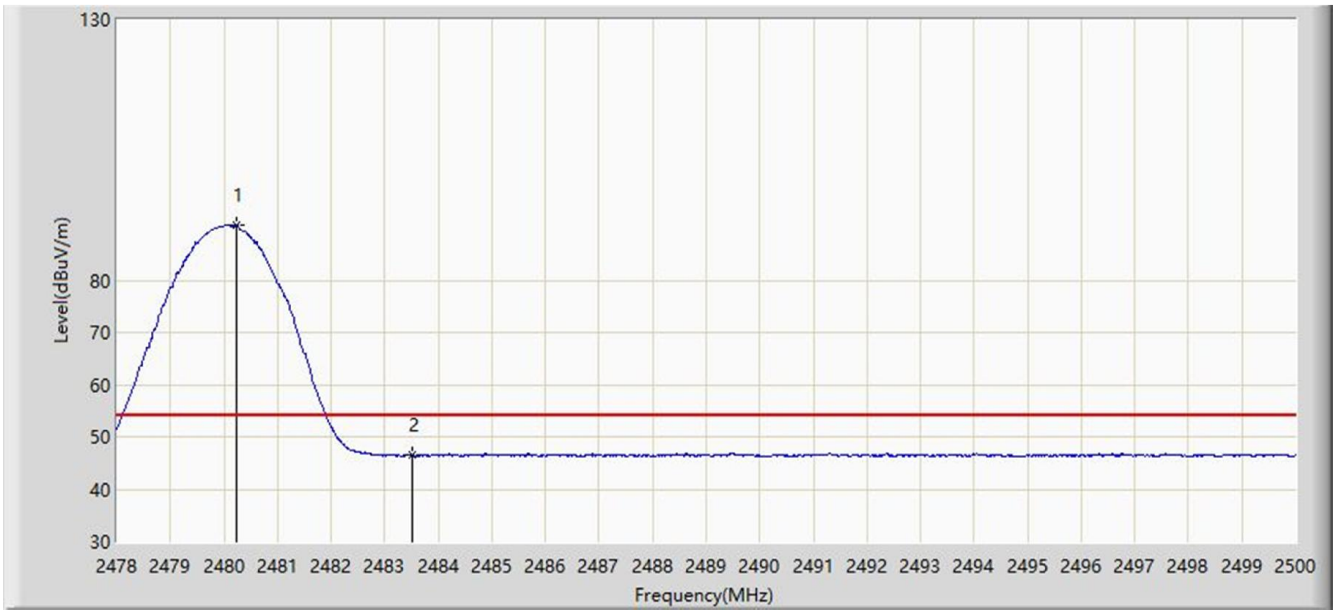


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	91.118	59.074	NA	NA	32.044	PK
2			2483.500	55.813	23.776	-18.187	74.000	32.037	PK
3			2492.410	58.907	26.887	-15.093	74.000	32.020	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:23
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (1Mbps) at channel 2480MHz with Pattern Antenna	

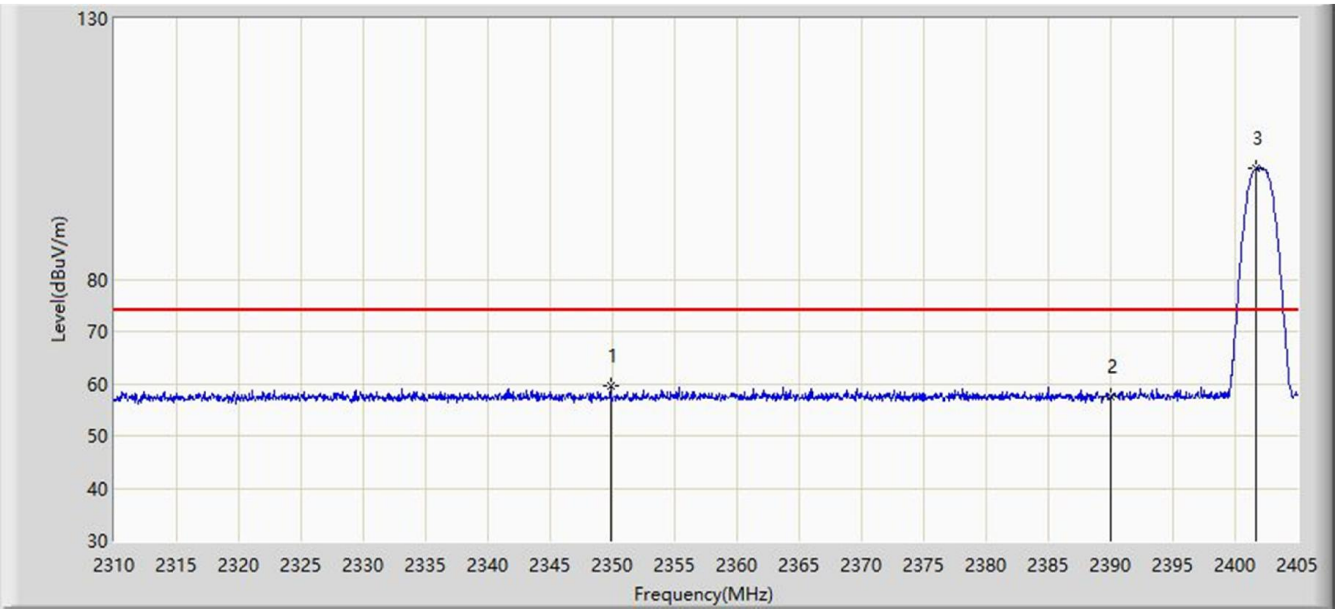


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.244	90.479	58.436	NA	NA	32.043	AV
2			2483.500	46.513	14.476	-7.487	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:23
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Pattern Antenna	

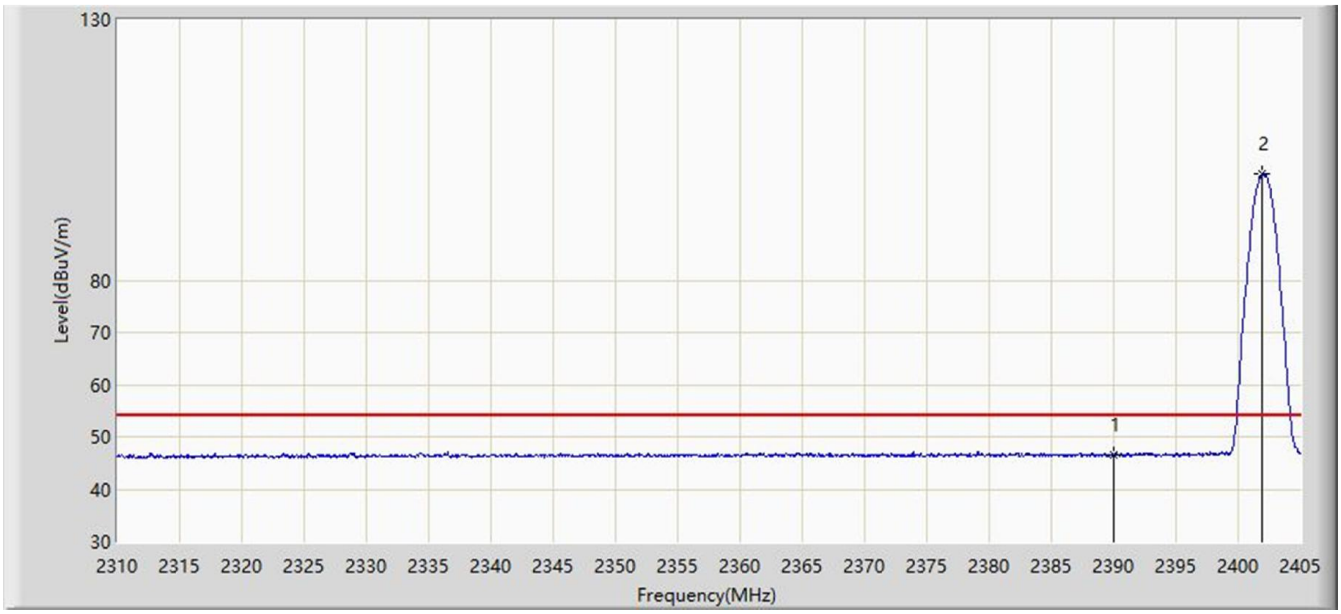


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2349.853	59.506	27.376	-14.494	74.000	32.130	PK
2			2390.000	57.437	25.365	-16.563	74.000	32.072	PK
3		*	2401.722	101.275	69.200	NA	NA	32.075	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:25
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Pattern Antenna	

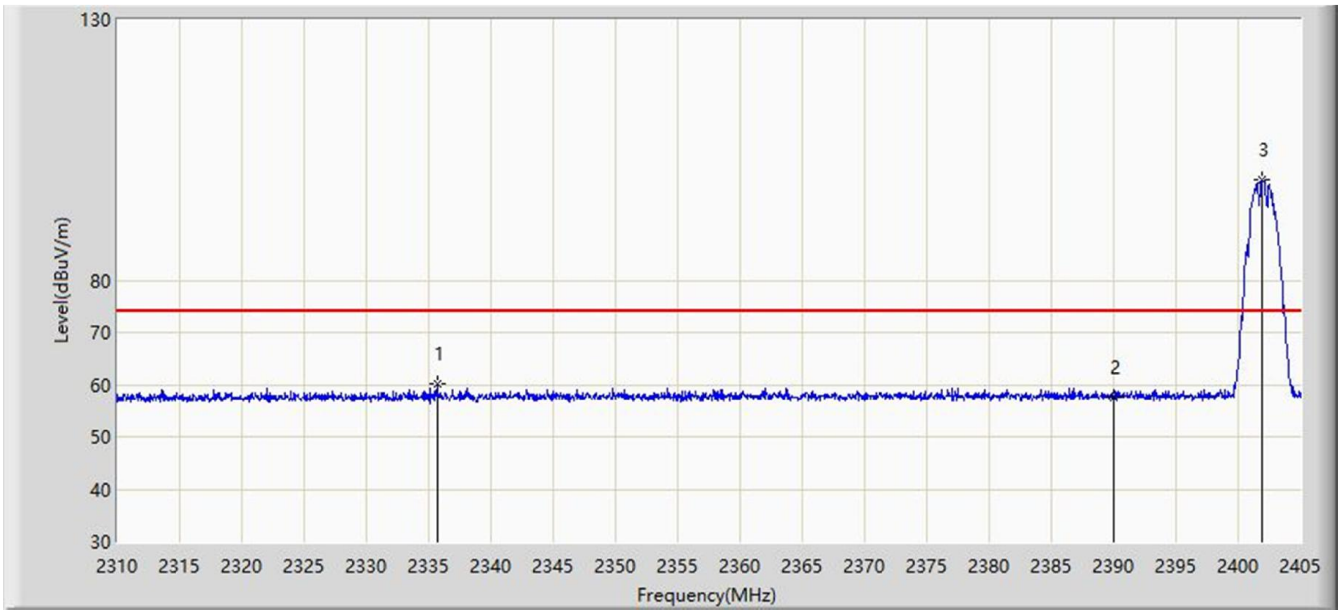


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.485	14.413	-7.515	54.000	32.072	AV
2		*	2401.960	100.363	68.288	NA	NA	32.075	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Pattern Antenna	

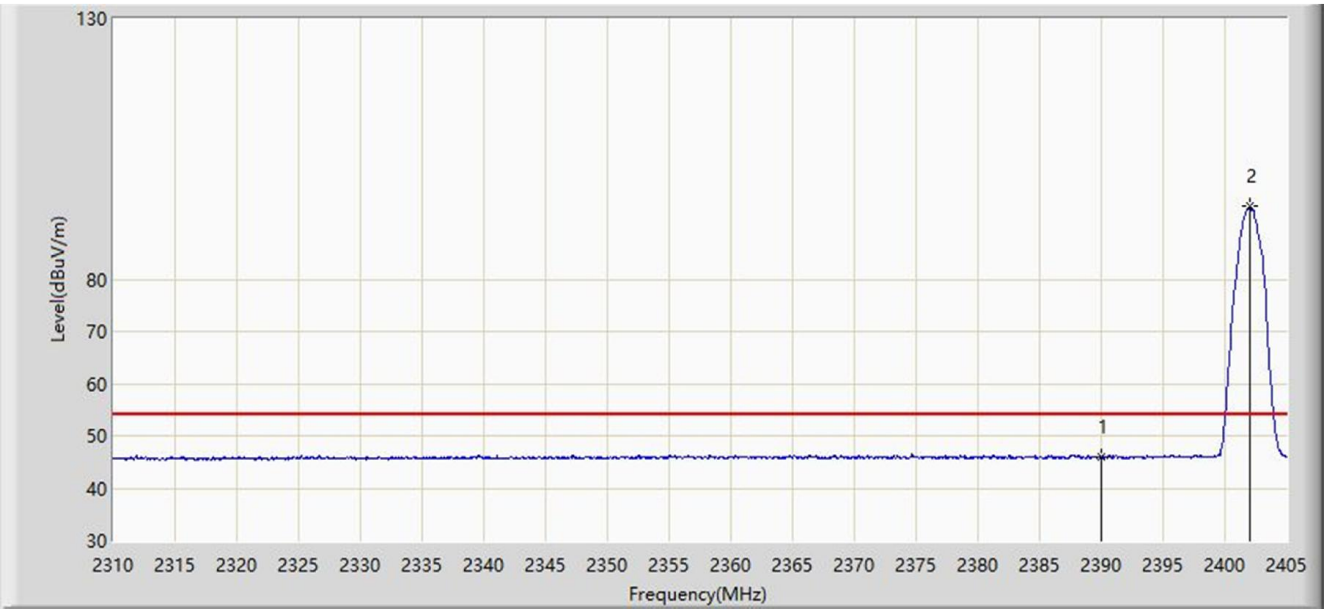


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2335.698	60.032	27.877	-13.968	74.000	32.155	PK
2			2390.000	57.450	25.378	-16.550	74.000	32.072	PK
3		*	2401.865	99.173	67.098	NA	NA	32.075	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2402MHz with Pattern Antenna	

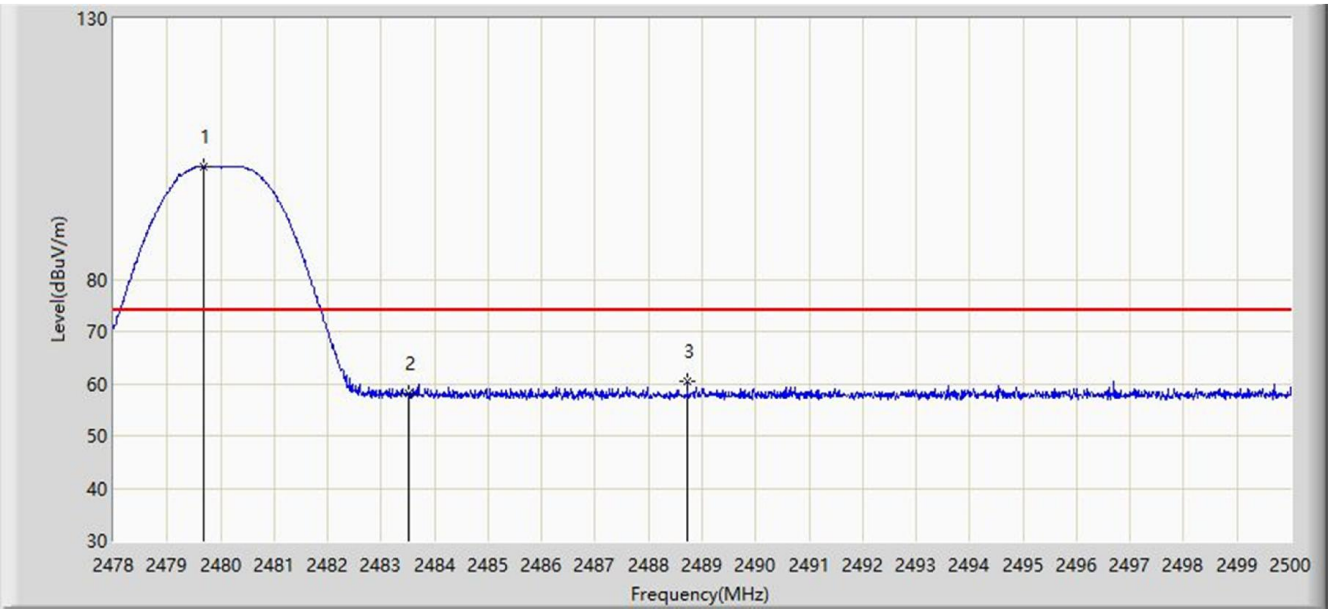


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.867	13.795	-8.133	54.000	32.072	AV
2		*	2402.008	93.946	61.871	NA	NA	32.076	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Pattern Antenna	

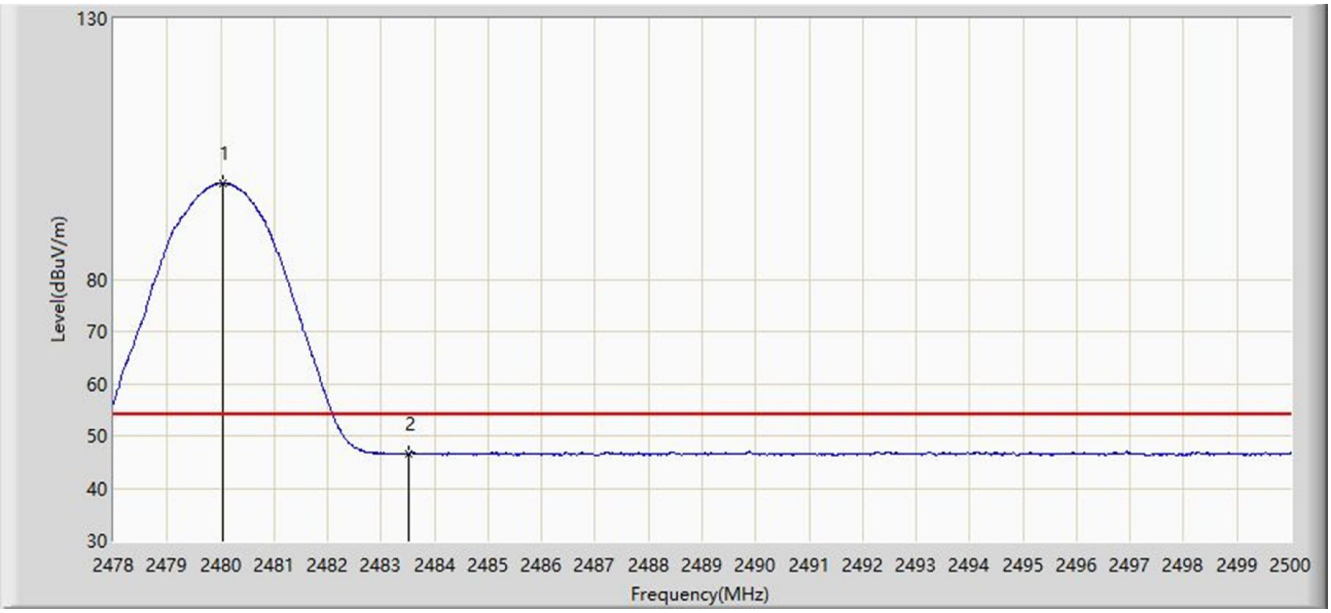


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.694	101.628	69.584	NA	NA	32.044	PK
2			2483.500	58.192	26.155	-15.808	74.000	32.037	PK
3			2488.725	60.459	28.432	-13.541	74.000	32.027	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Pattern Antenna	

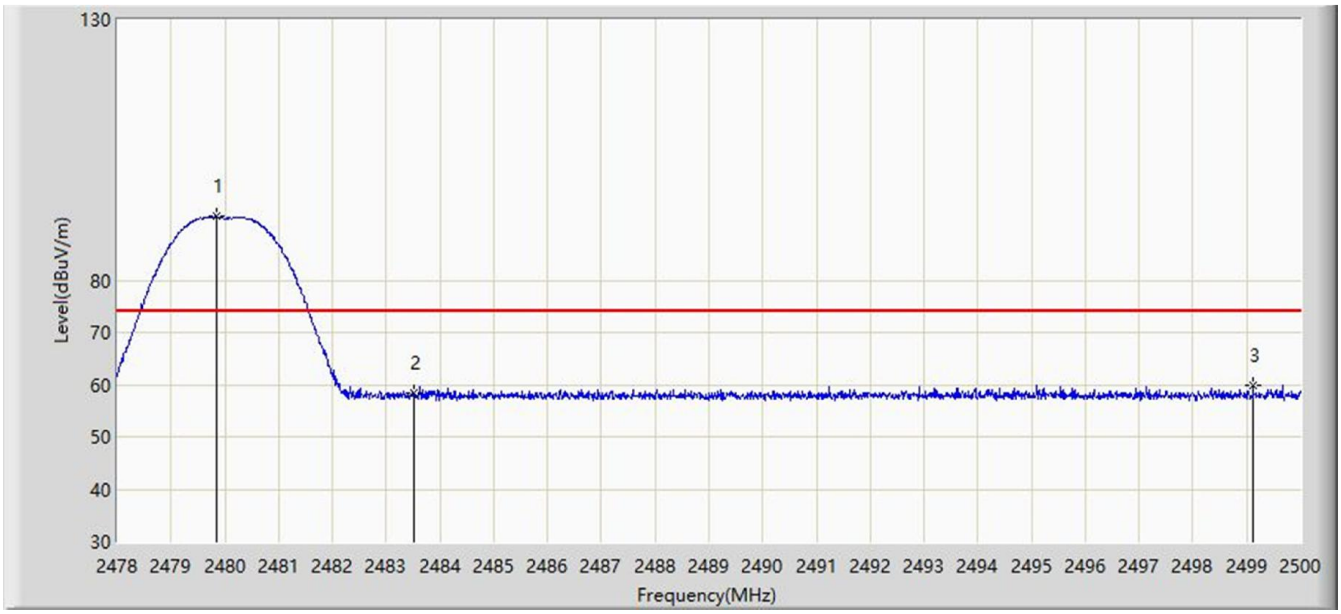


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	98.378	66.335	NA	NA	32.044	AV
2			2483.500	46.584	14.547	-7.416	54.000	32.037	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Pattern Antenna	

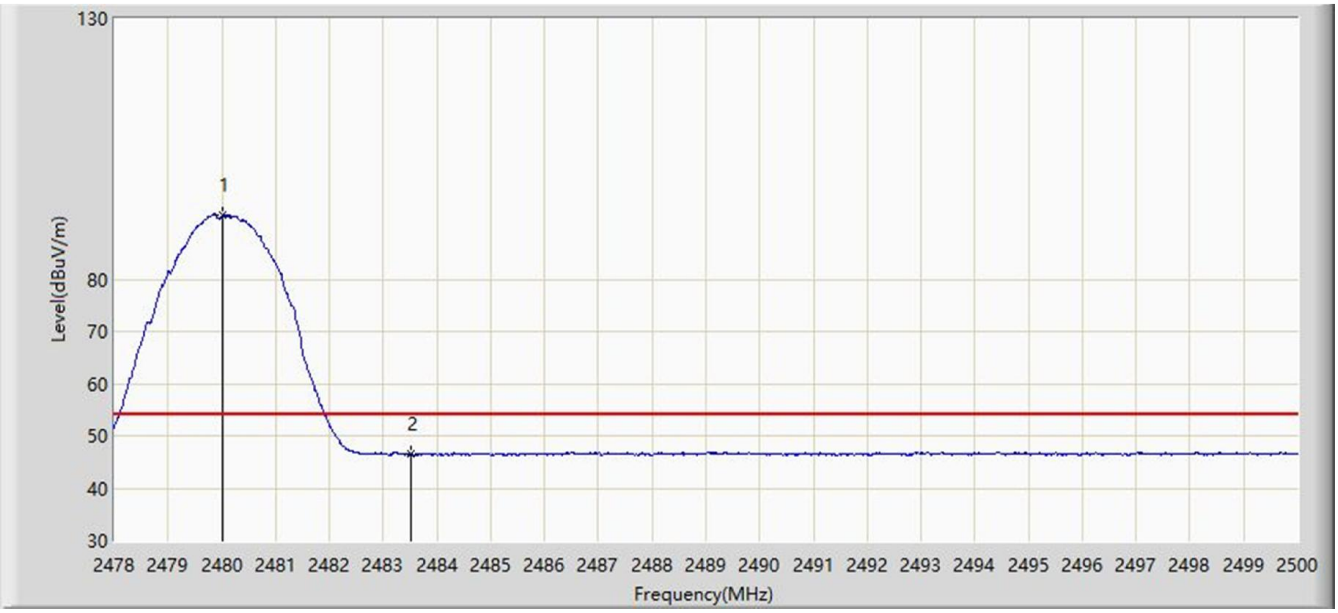


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	92.309	60.265	NA	NA	32.044	PK
2			2483.500	58.427	26.390	-15.573	74.000	32.037	PK
3			2499.120	59.975	27.955	-14.025	74.000	32.021	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2019/11/20 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Communication Module	Power: DC 3V
Test Mode: Transmit by Bluetooth-LE (2Mbps) at channel 2480MHz with Pattern Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.024	92.289	60.245	NA	NA	32.044	AV
2			2483.500	46.477	14.440	-7.523	54.000	32.037	AV

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

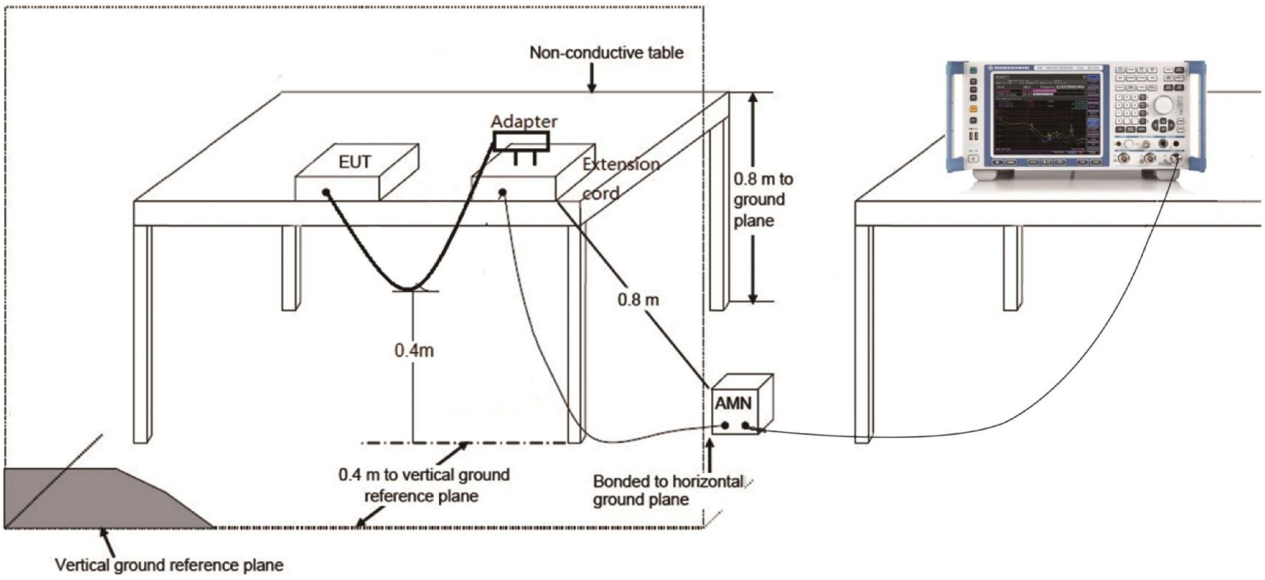
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.9. AC Conducted Emissions Measurement

7.9.1.Test Limit

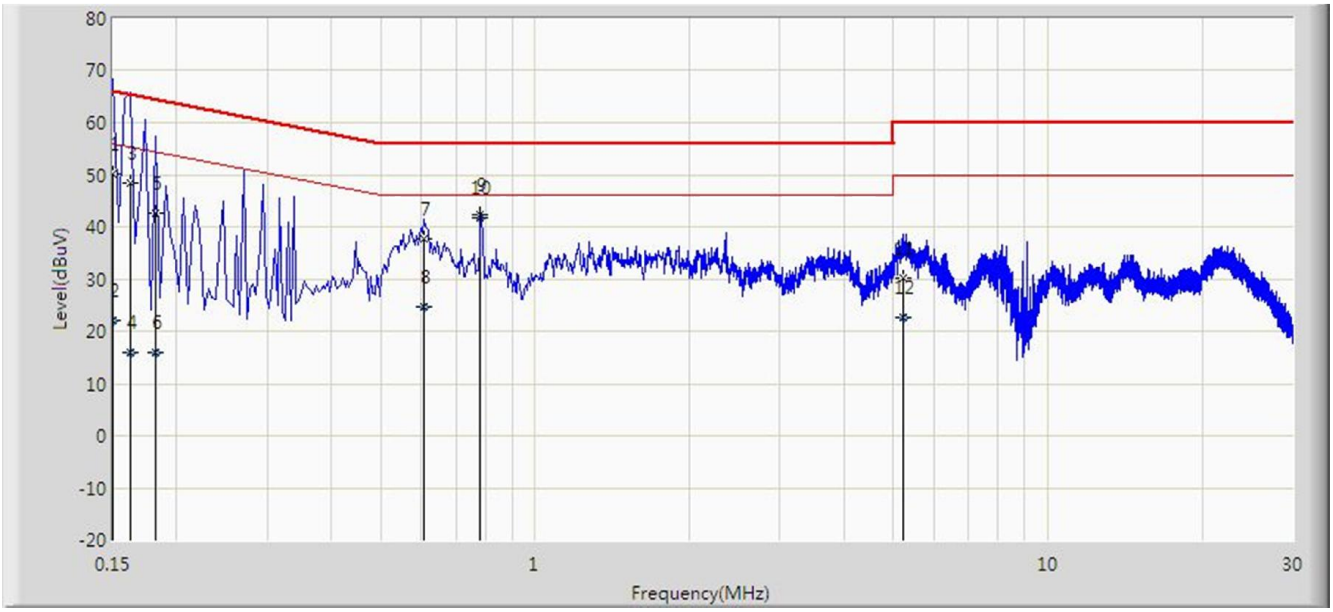
FCC Part 15 Subpart C Paragraph 15.207 &RSS-Gen Issue 5 Section 8.8 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.9.2.Test Setup



7.9.3.Test Result

Site: SR2	Time: 2019/11/24 - 15:43
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Communication Module	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz with Chip Antenna	

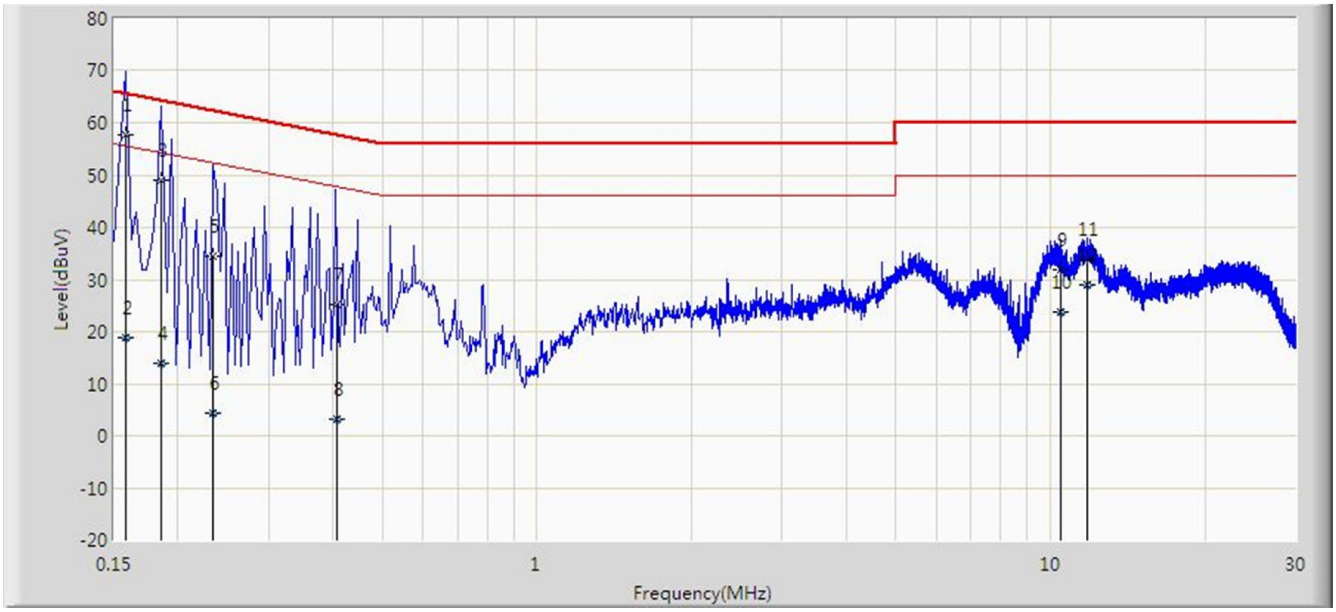


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	50.168	39.000	-15.832	66.000	11.168	QP
2			0.150	22.168	11.000	-33.832	56.000	11.168	AV
3			0.162	48.338	38.241	-17.023	65.361	10.097	QP
4			0.162	15.923	5.826	-39.438	55.361	10.097	AV
5			0.182	42.612	32.563	-21.782	64.394	10.048	QP
6			0.182	15.916	5.868	-38.478	54.394	10.048	AV
7			0.606	37.724	27.612	-18.276	56.000	10.112	QP
8			0.606	24.740	14.628	-21.260	46.000	10.112	AV
9			0.782	42.226	32.206	-13.774	56.000	10.020	QP
10			0.782	41.747	31.727	-4.253	46.000	10.020	AV
11			5.226	30.190	20.146	-29.810	60.000	10.044	QP
12			5.226	22.592	12.548	-27.408	50.000	10.044	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2019/11/24 - 15:33
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Communication Module	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz with Chip Antenna	

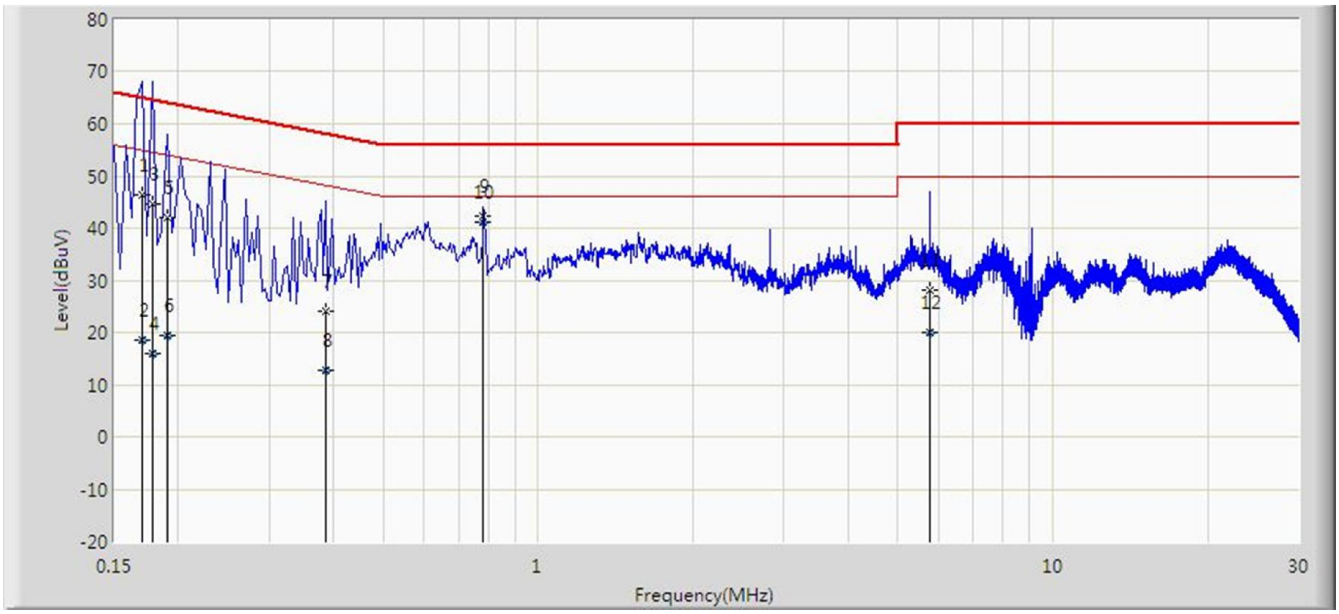


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.158	57.561	47.271	-8.008	65.568	10.290	QP
2			0.158	18.888	8.598	-36.680	55.568	10.290	AV
3			0.186	48.979	38.944	-15.234	64.213	10.035	QP
4			0.186	14.002	3.967	-40.211	54.213	10.035	AV
5			0.234	34.603	24.614	-27.704	62.307	9.989	QP
6			0.234	4.479	-5.510	-47.828	52.307	9.989	AV
7			0.408	25.218	15.100	-32.471	57.689	10.118	QP
8			0.408	3.318	-6.800	-44.371	47.689	10.118	AV
9			10.434	31.904	21.752	-28.096	60.000	10.152	QP
10			10.434	23.865	13.714	-26.135	50.000	10.152	AV
11			11.762	33.837	23.721	-26.163	60.000	10.116	QP
12			11.762	29.007	18.892	-20.993	50.000	10.116	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2019/11/24 - 15:59
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Communication Module	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz with Pattern Antenna	

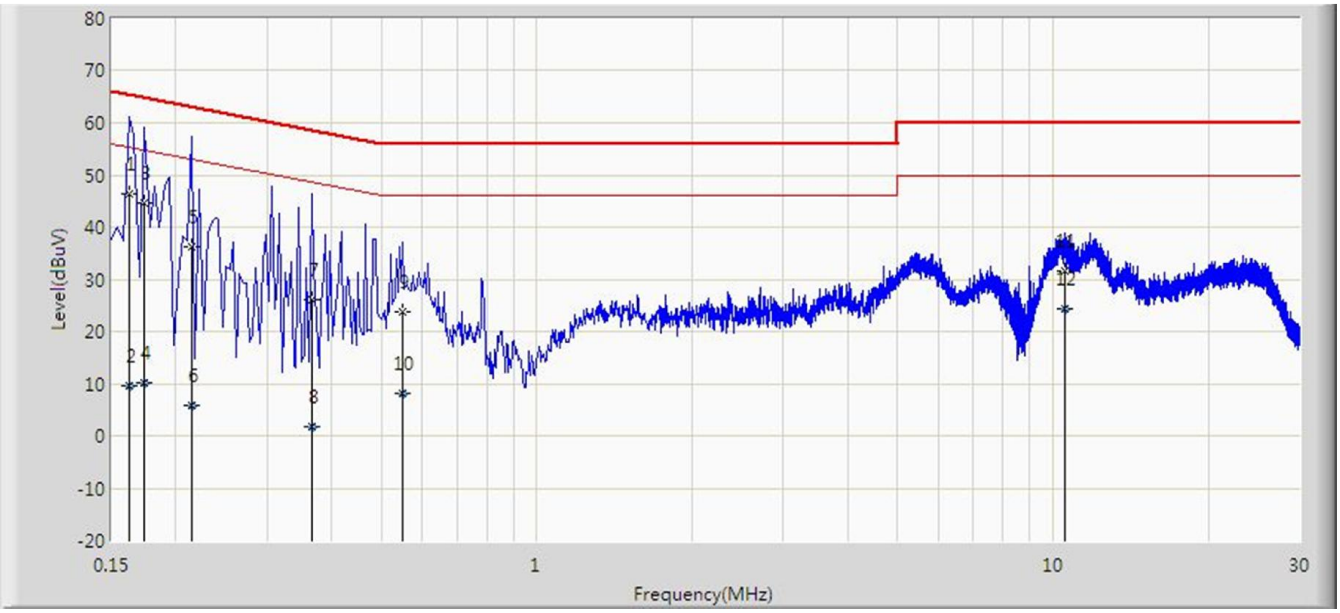


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.170	46.478	36.400	-18.483	64.960	10.078	QP
2			0.170	18.478	8.400	-36.483	54.960	10.078	AV
3			0.178	44.703	34.645	-19.875	64.578	10.058	QP
4			0.178	15.831	5.773	-38.748	54.578	10.058	AV
5			0.190	42.049	32.020	-21.987	64.037	10.029	QP
6			0.190	19.373	9.345	-34.663	54.037	10.029	AV
7			0.386	23.993	13.919	-34.156	58.149	10.074	QP
8			0.386	12.890	2.816	-35.259	48.149	10.074	AV
9			0.782	42.182	32.162	-13.818	56.000	10.020	QP
10			0.782	41.284	31.264	-4.716	46.000	10.020	AV
11			5.770	28.022	17.923	-31.978	60.000	10.100	QP
12			5.770	20.137	10.037	-29.863	50.000	10.100	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2019/11/24 - 16:12
Limit: FCC_Part15.207_CE_AC Power	Engineer: Liz Yuan
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Communication Module	Power: AC 120V/60Hz
Test Mode: Transmit by Bluetooth-LE (1Mbps) at Channel 2402MHz with Pattern Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.162	46.412	36.334	-18.948	65.361	10.078	QP
2			0.162	9.519	-0.559	-45.842	55.361	10.078	AV
3			0.174	44.640	34.584	-20.127	64.767	10.057	QP
4			0.174	10.014	-0.043	-44.753	54.767	10.057	AV
5			0.214	36.177	26.189	-26.871	63.049	9.988	QP
6			0.214	5.698	-4.290	-47.351	53.049	9.988	AV
7			0.366	26.107	16.020	-32.484	58.591	10.087	QP
8			0.366	1.717	-8.370	-46.874	48.591	10.087	AV
9			0.550	23.861	13.702	-32.139	56.000	10.159	QP
10			0.550	8.170	-1.989	-37.830	46.000	10.159	AV
11			10.510	31.572	21.426	-28.428	60.000	10.146	QP
12			10.510	24.257	14.111	-25.743	50.000	10.146	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Communication Module** is in compliance with Part 15C of the FCC rules and ISED rules.

The End

Appendix A - Test Setup Photograph

Refer to “1910WSU012-UT” file.

Appendix B - EUT Photograph

Refer to “1910WSU012-UE” file.