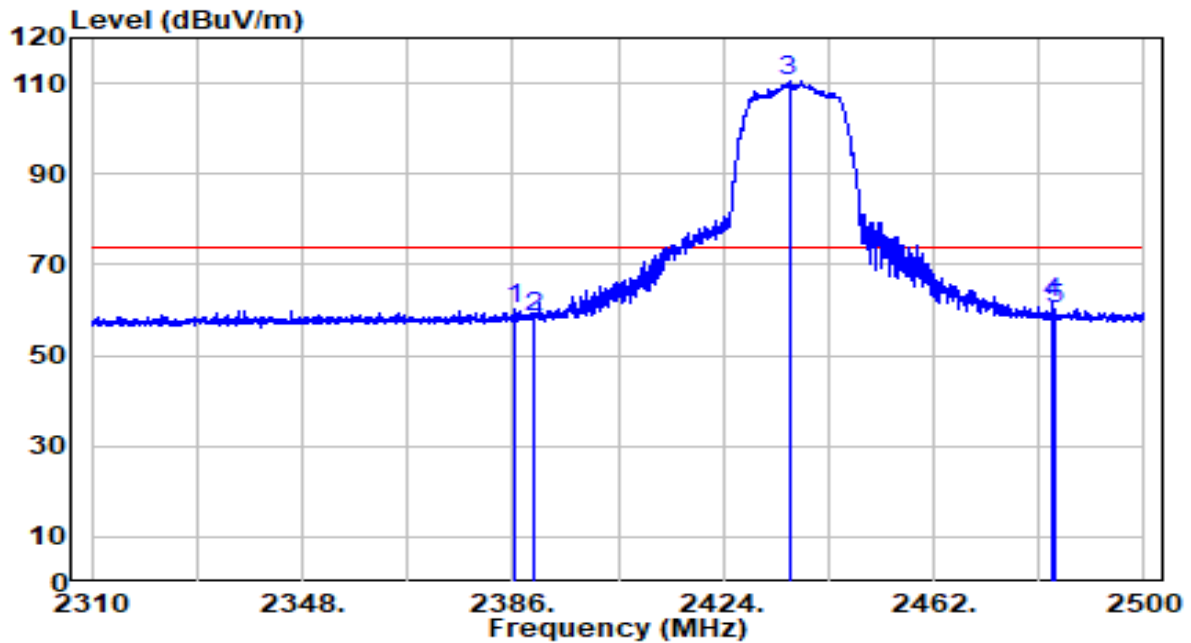


EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	120V/60Hz

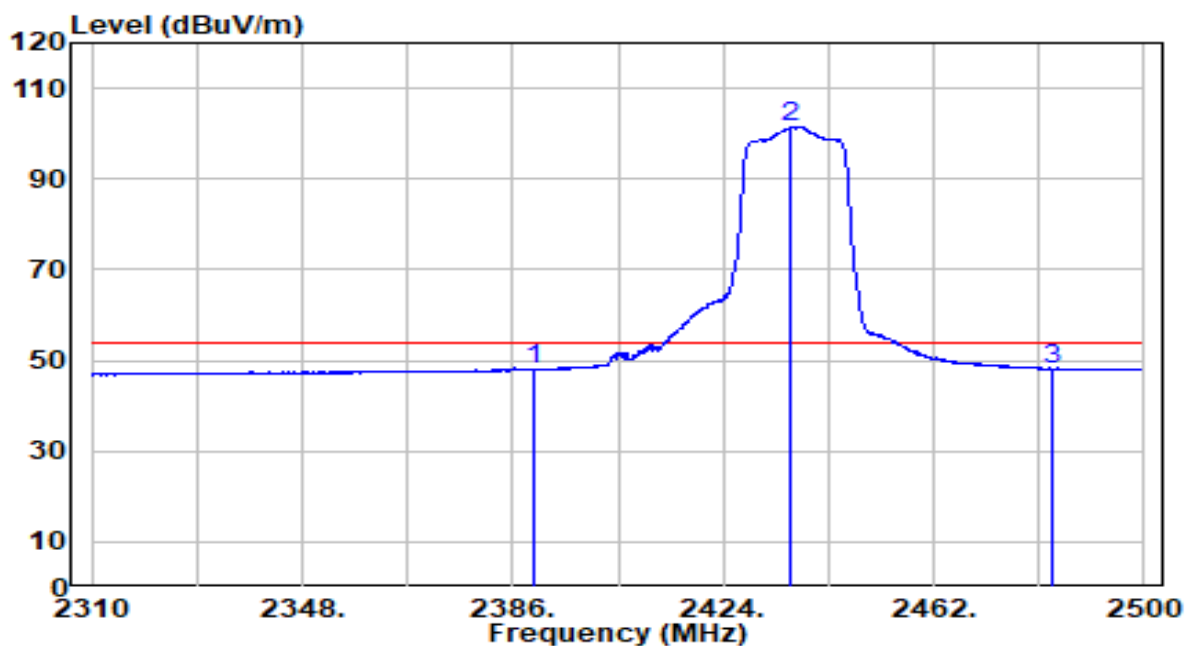


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	2386.380	27.81	32.28	60.09	-13.91	74.00	Peak
2	2390.000	26.33	32.30	58.63	-15.37	74.00	Peak
3	* 2435.875	78.09	32.50	110.58	N/A	N/A	Peak
4	2483.500	28.70	32.71	61.40	-12.60	74.00	Peak
5	2483.945	27.38	32.71	60.08	-13.92	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2437MHz	Test Voltage	120V/60Hz

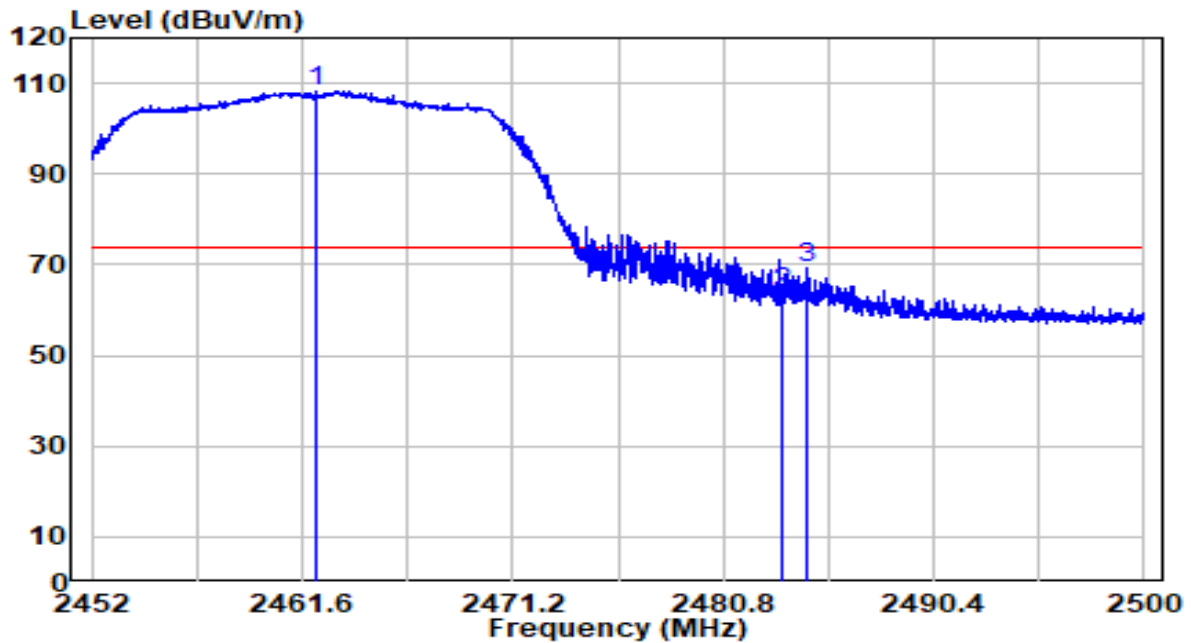


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	2390.000	15.66	32.30	47.95	-6.05	54.00	Average
2	* 2436.255	69.04	32.50	101.54	N/A	N/A	Average
3	2483.500	15.41	32.71	48.11	-5.89	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz

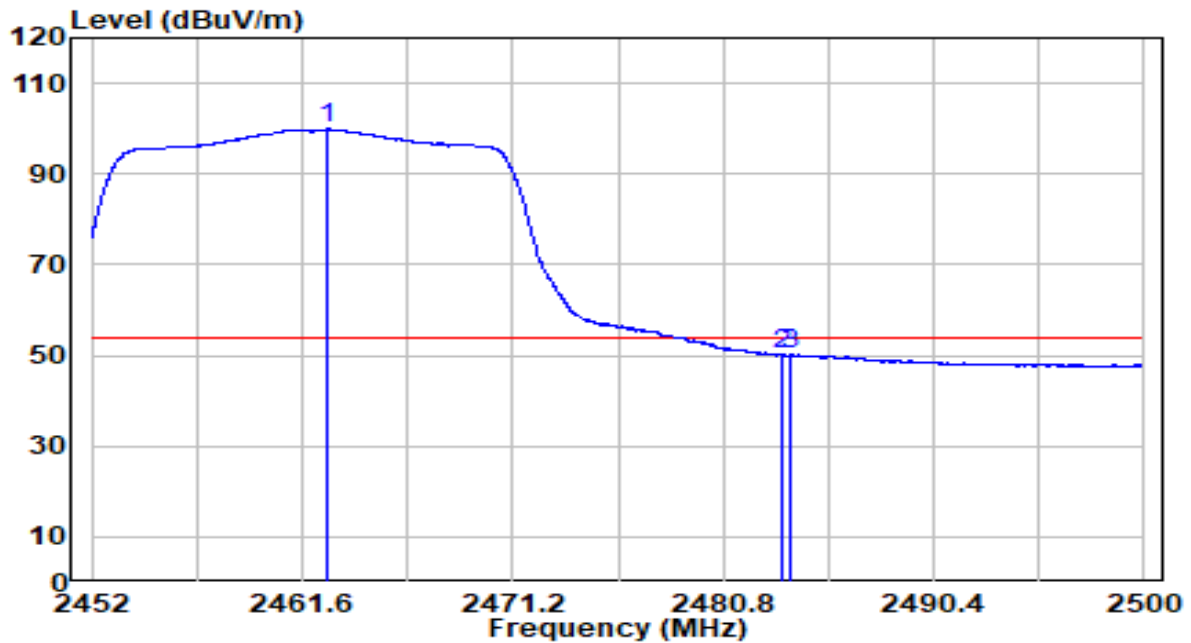


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.224	75.76	32.61	108.38	N/A	N/A	Peak
2		2483.500	31.16	32.71	63.86	-10.14	74.00	Peak
3		2484.664	36.58	32.71	69.29	-4.71	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz

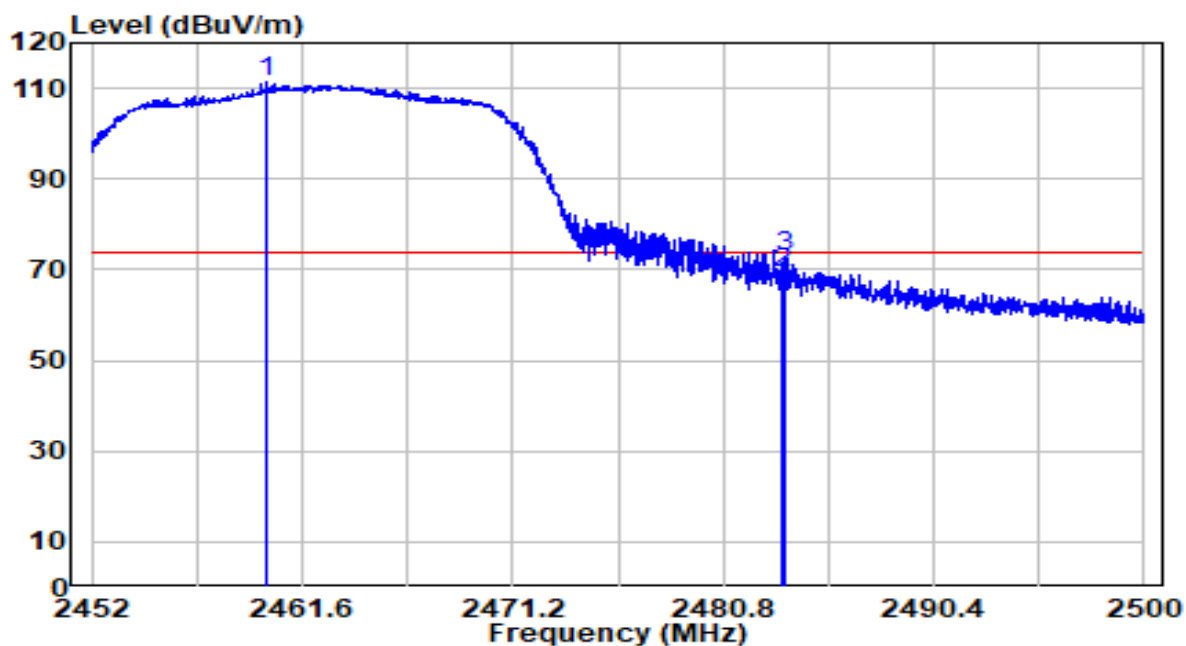


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.776	67.31	32.62	99.92	N/A	N/A	Average
2		2483.500	17.35	32.71	50.06	-3.94	54.00	Average
3		2483.896	17.48	32.71	50.19	-3.81	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz

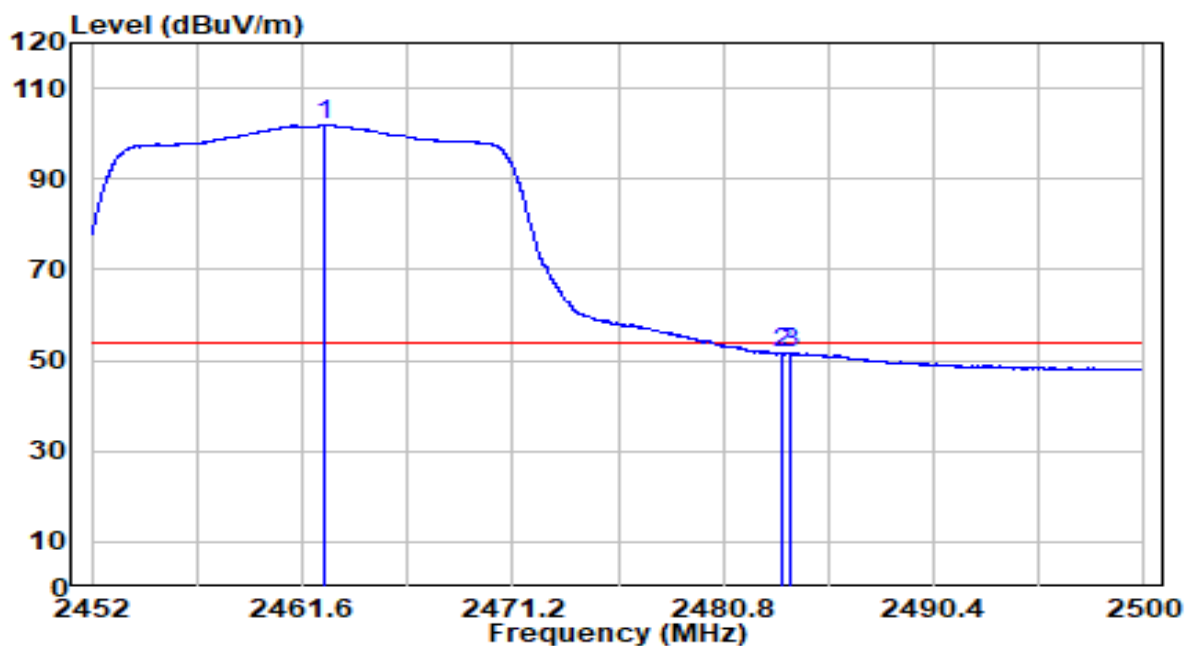


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2459.968	78.81	32.60	111.41	N/A	N/A	Peak
2		2483.500	36.50	32.71	69.21	-4.79	74.00	Peak
3		2483.560	40.01	32.71	72.72	-1.28	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-01
Factor	BBHA 9120D	Temp. / Humidity	21.8°C/38.2%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay Chou
Test Mode	Transmit by 802.11n-HT20 at Channel 2462MHz	Test Voltage	120V/60Hz



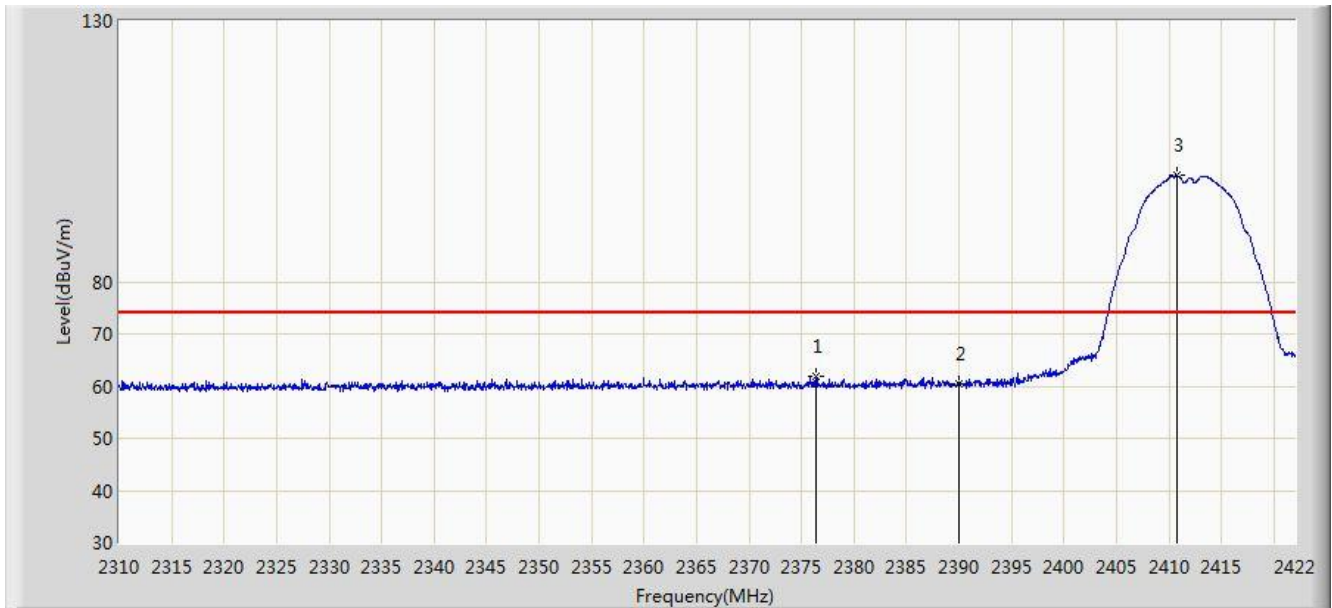
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2462.584	69.22	32.62	101.84	N/A	N/A	Average
2		2483.500	18.88	32.71	51.59	-2.41	54.00	Average
3		2483.872	19.03	32.71	51.73	-2.27	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

Data for Omni Antenna

Site: AC1	Time: 2021/06/05 - 15:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.416	61.794	29.558	-12.206	74.000	32.235	PK
2			2390.000	60.520	28.224	-13.480	74.000	32.296	PK
3		*	2410.800	100.296	67.909	N/A	N/A	32.387	PK

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

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

Site: AC1	Time: 2021/06/05 - 15:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

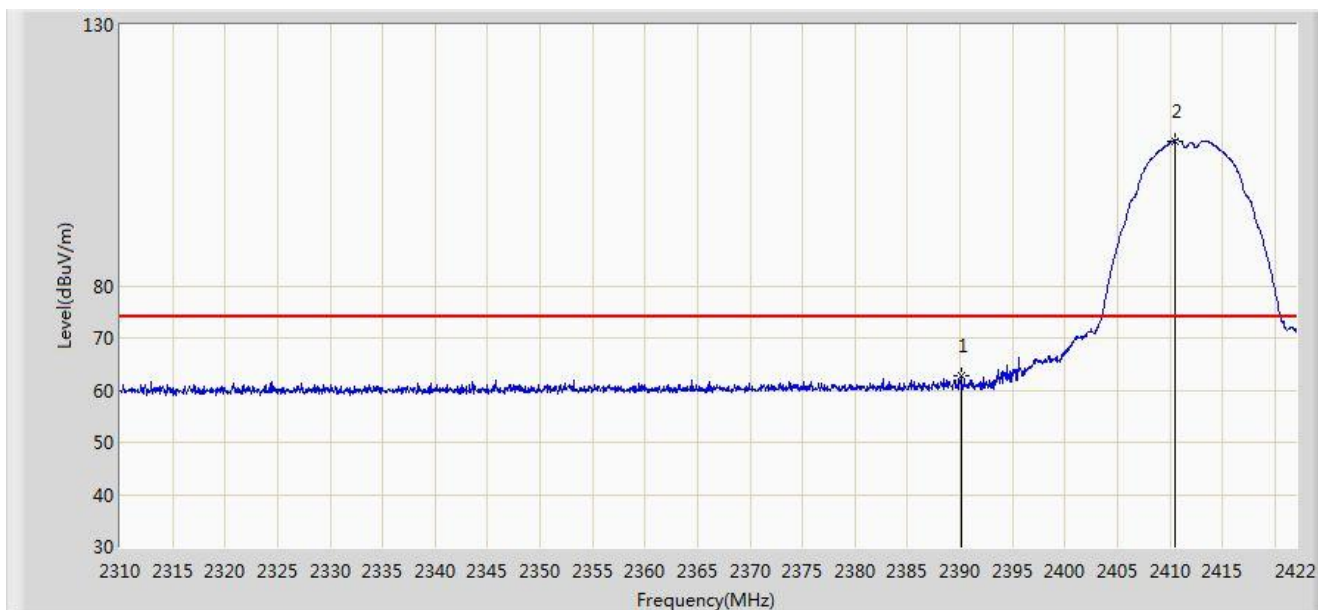


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.788	16.492	-5.212	54.000	32.296	AV
2		*	2410.800	95.970	63.583	N/A	N/A	32.387	AV

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

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

Site: AC1	Time: 2021/06/05 - 15:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

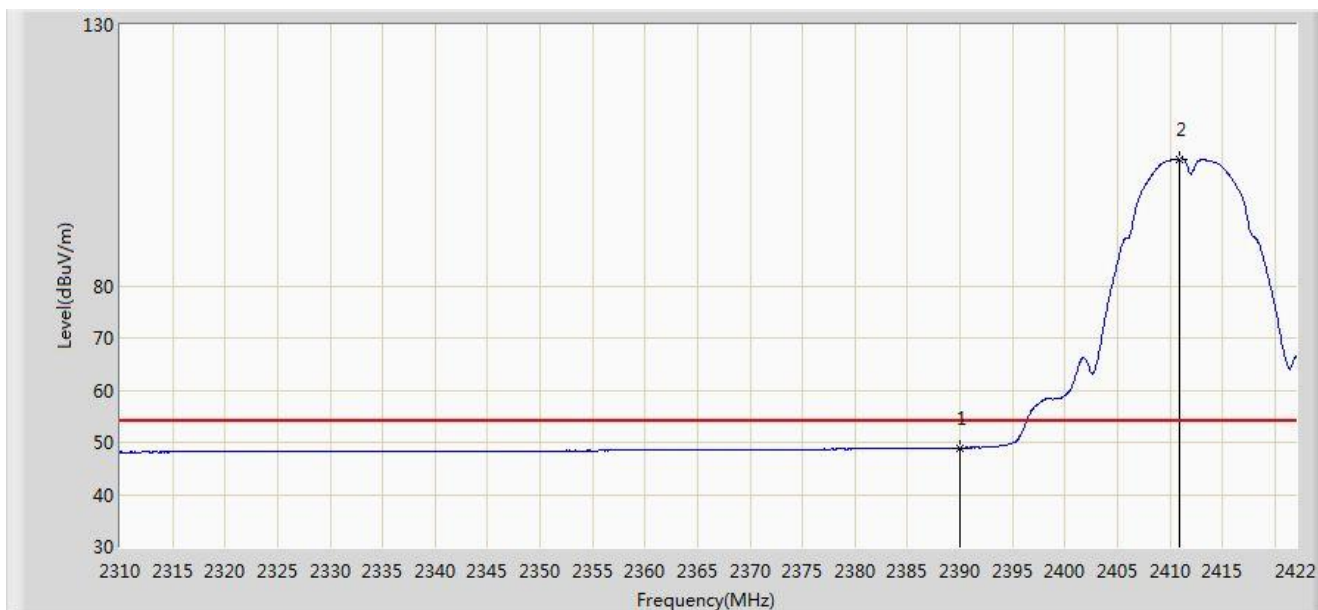


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.136	62.713	30.416	-11.287	74.000	32.296	PK
2		*	2410.464	107.805	75.420	N/A	N/A	32.385	PK

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

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

Site: AC1	Time: 2021/06/05 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

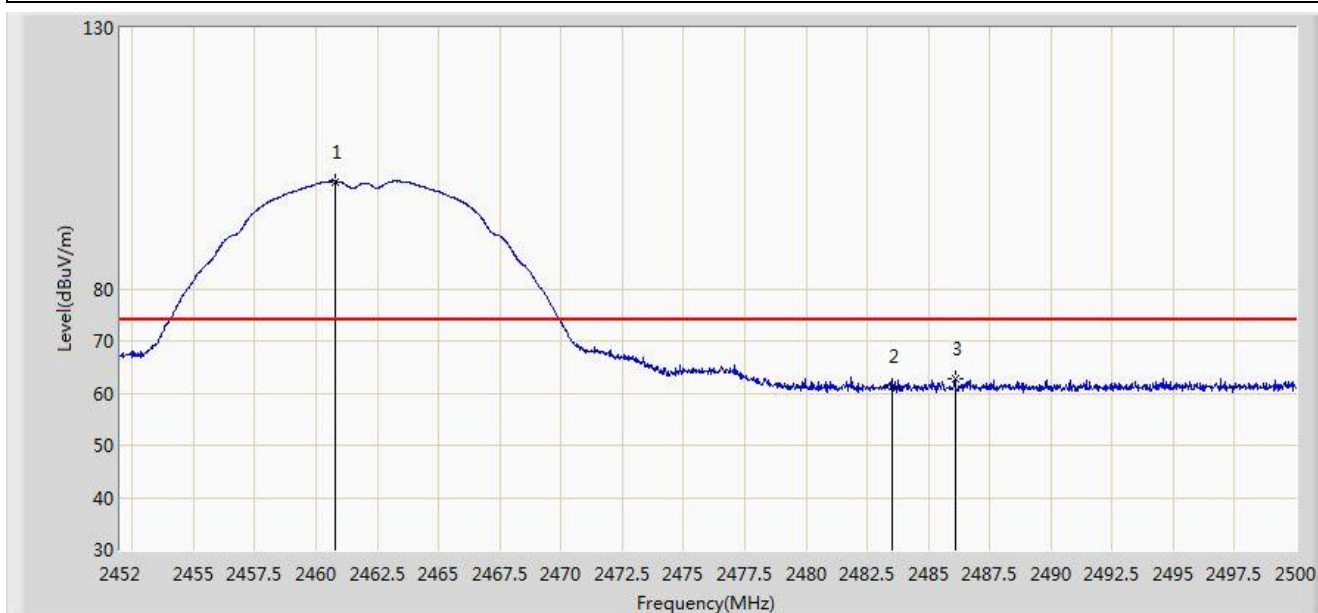


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.973	16.677	-5.027	54.000	32.296	AV
2		*	2410.968	104.347	71.959	N/A	N/A	32.388	AV

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

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

Site: AC1	Time: 2021/06/05 - 15:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.784	100.567	67.960	N/A	N/A	32.607	PK
2			2483.500	61.365	28.657	-12.635	74.000	32.707	PK
3			2486.080	62.726	30.007	-11.274	74.000	32.718	PK

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

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

Site: AC1	Time: 2021/06/05 - 15:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

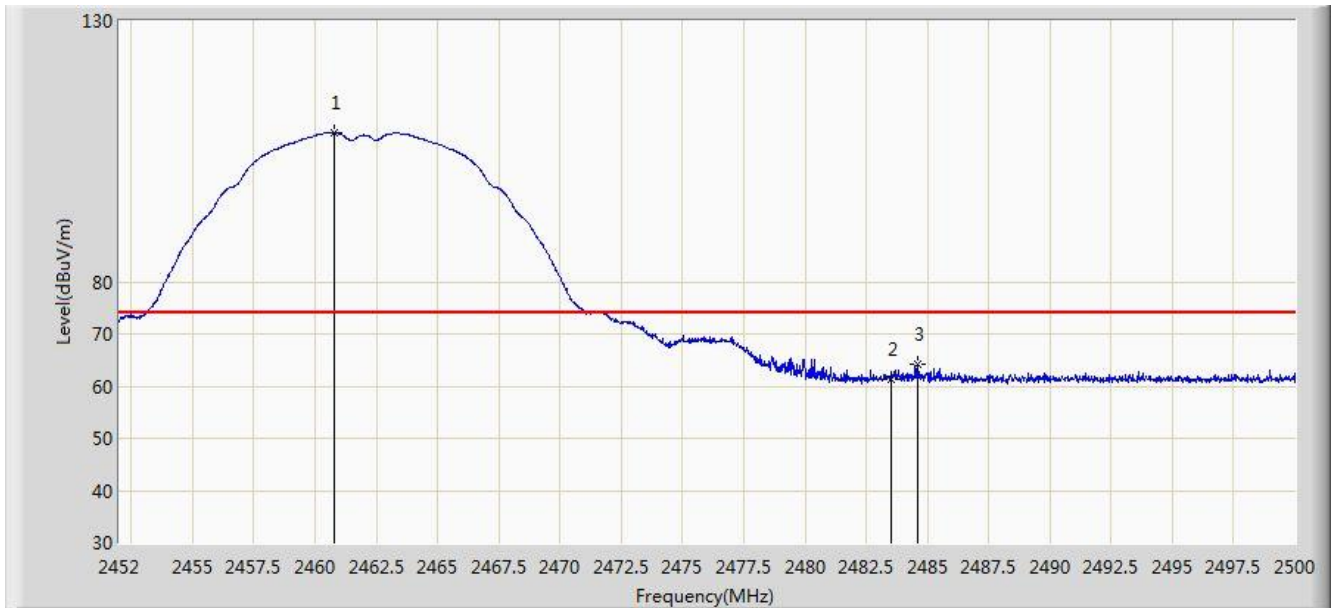


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	96.951	64.342	N/A	N/A	32.609	AV
2			2483.500	49.330	16.622	-4.670	54.000	32.707	AV

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

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

Site: AC1	Time: 2021/06/05 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.784	108.522	75.915	N/A	N/A	32.607	PK
2			2483.500	61.314	28.606	-12.686	74.000	32.707	PK
3			2484.616	64.062	31.349	-9.938	74.000	32.713	PK

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

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

Site: AC1	Time: 2021/06/05 - 15:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

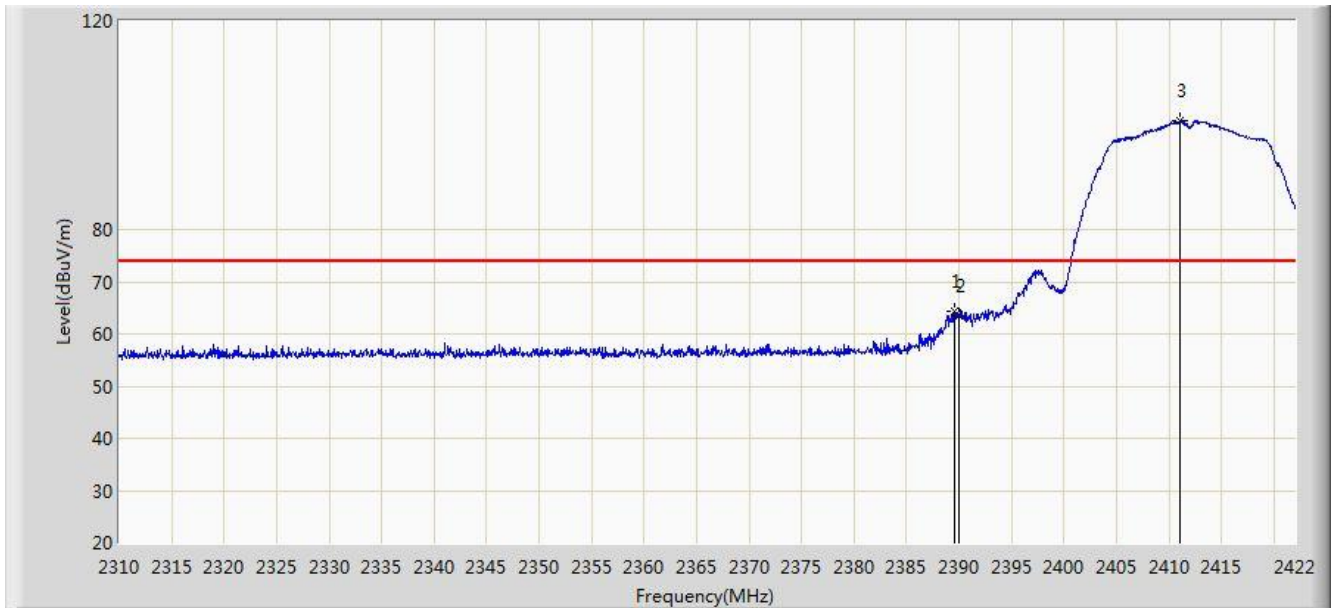


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	105.123	72.514	N/A	N/A	32.608	AV
2			2483.500	49.990	17.282	-4.010	54.000	32.707	AV

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

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

Site: SIP-AC1	Time: 2021/06/09 - 10:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

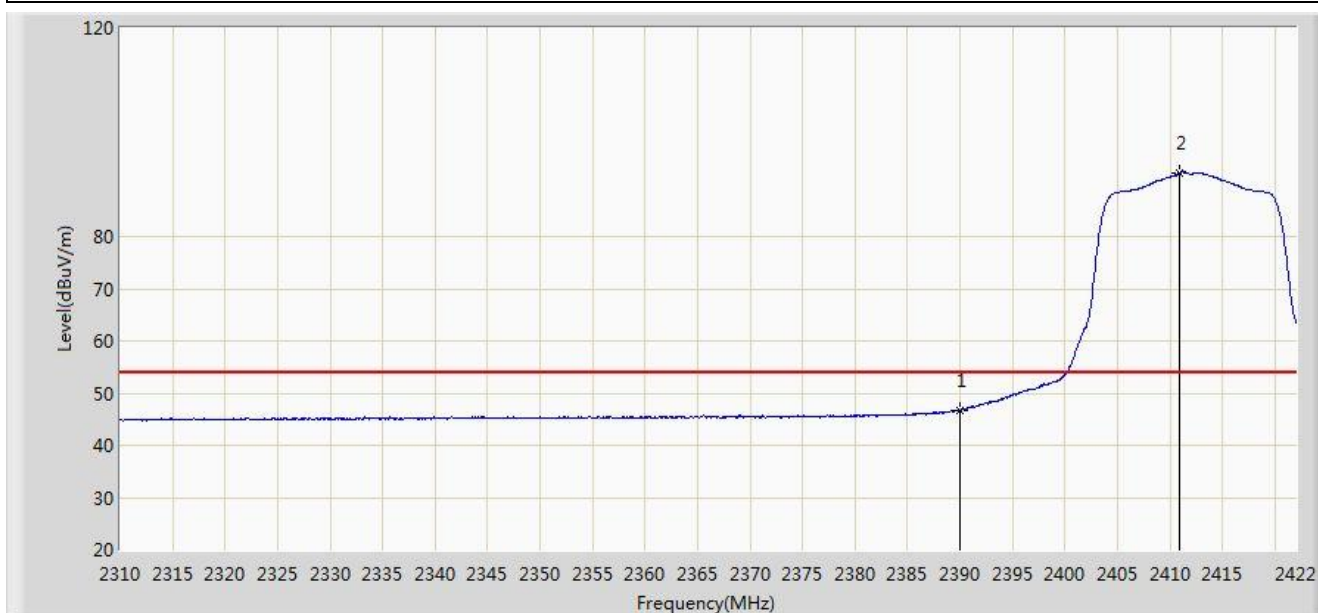


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.632	64.312	32.017	-9.688	74.000	32.295	PK
2			2390.000	63.503	31.207	-10.497	74.000	32.296	PK
3		*	2411.024	100.898	68.510	N/A	N/A	32.388	PK

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

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

Site: SIP-AC1	Time: 2021/06/09 - 10:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.735	14.439	-7.265	54.000	32.296	AV
2		*	2410.912	92.214	59.827	N/A	N/A	32.388	AV

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

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

Site: SIP-AC1	Time: 2021/06/09 - 10:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

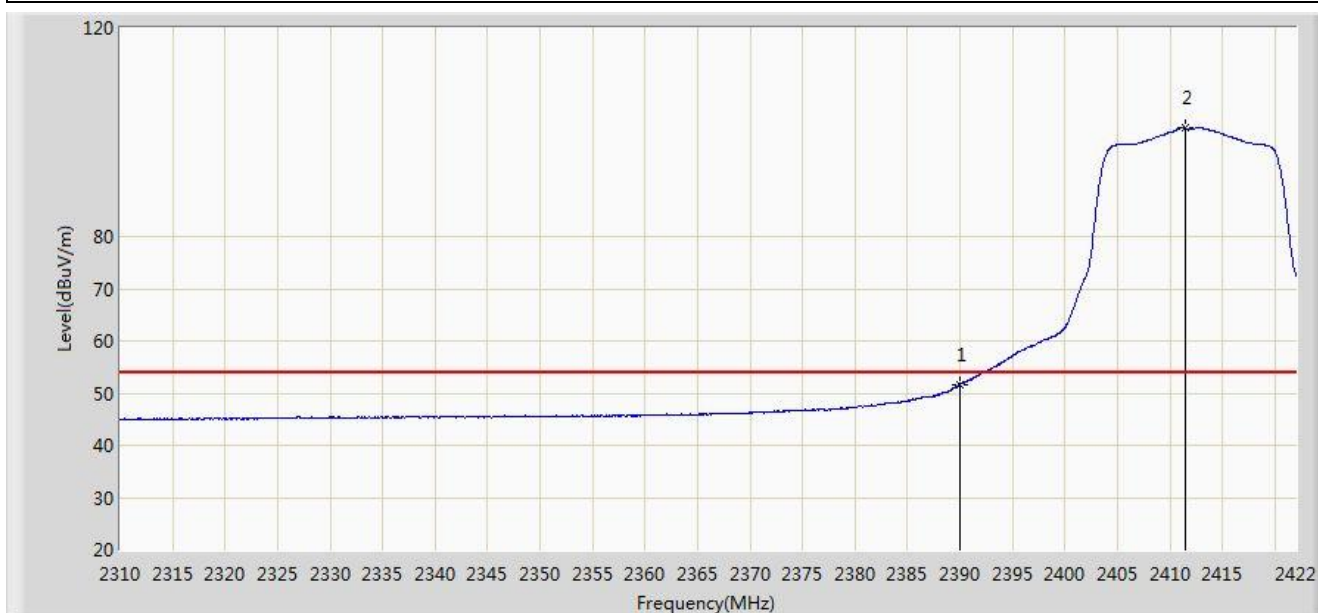


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.520	72.574	40.280	-1.426	74.000	32.295	PK
2			2390.000	72.427	40.131	-1.573	74.000	32.296	PK
3		*	2411.136	109.152	76.764	N/A	N/A	32.388	PK

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

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

Site: SIP-AC1	Time: 2021/06/09 - 10:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

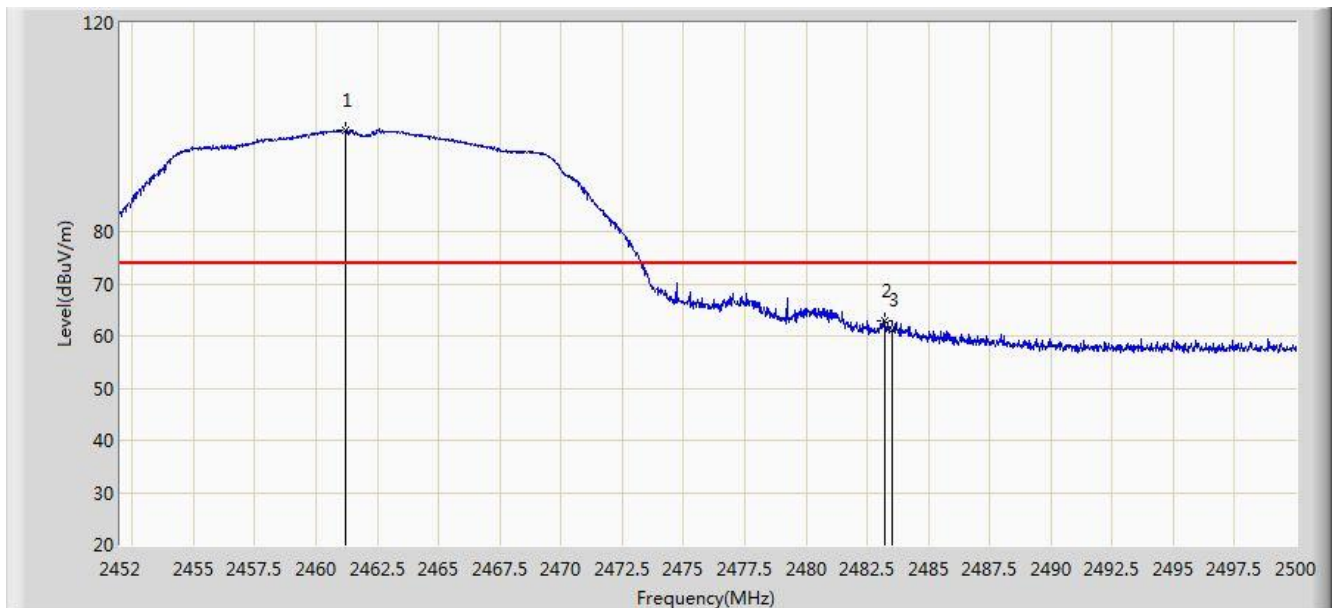


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.715	19.419	-2.285	54.000	32.296	AV
2		*	2411.472	100.820	68.430	N/A	N/A	32.390	AV

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

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

Site: SIP-AC1	Time: 2021/06/09 - 13:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

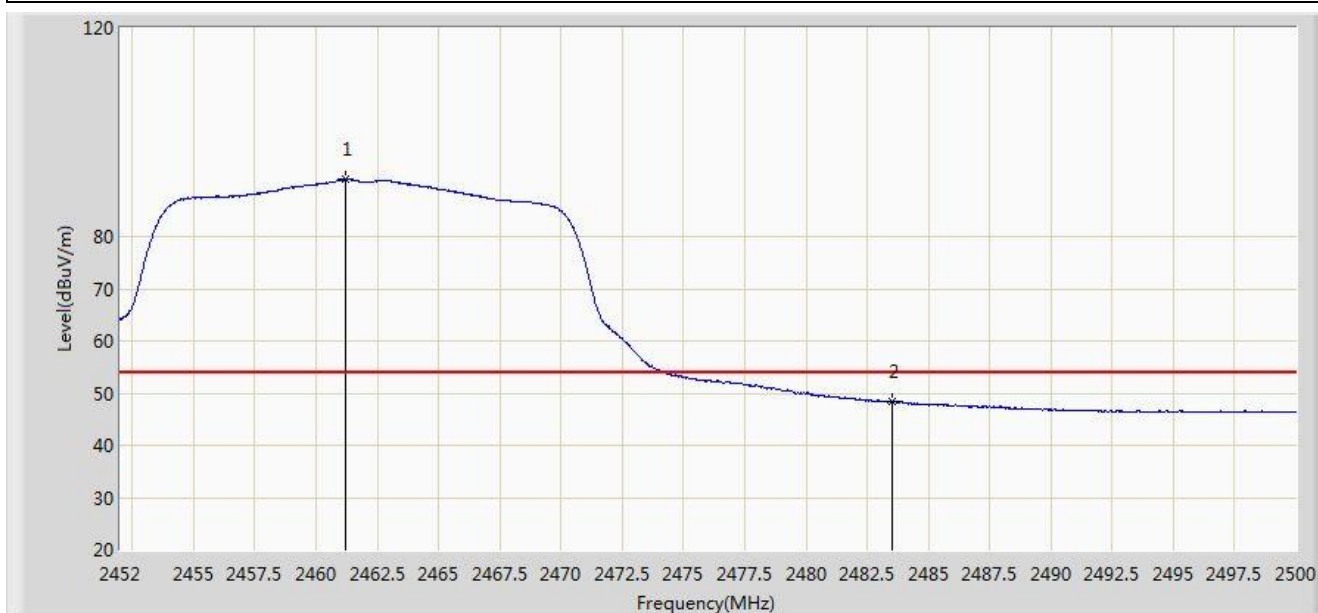


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.192	99.459	66.850	N/A	N/A	32.608	PK
2			2483.248	62.810	30.103	-11.190	74.000	32.706	PK
3			2483.500	61.270	28.562	-12.730	74.000	32.707	PK

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

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

Site: SIP-AC1	Time: 2021/06/09 - 13:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.192	90.963	58.354	N/A	N/A	32.608	AV
2			2483.500	48.473	15.765	-5.527	54.000	32.707	AV

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

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

Site: SIP-AC1	Time: 2021/06/09 - 13:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

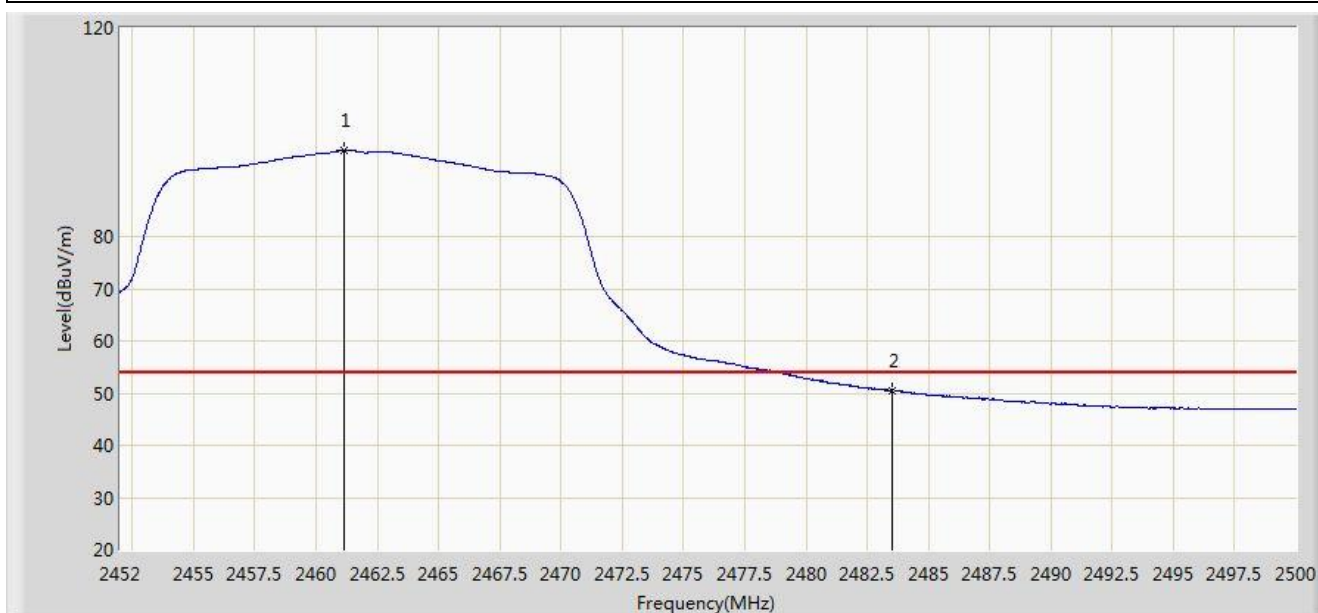


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	106.017	73.408	N/A	N/A	32.608	PK
2			2483.500	65.683	32.975	-8.317	74.000	32.707	PK
3			2483.848	66.330	33.621	-7.670	74.000	32.709	PK

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

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

Site: SIP-AC1	Time: 2021/06/09 - 13:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 230V/50Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	96.561	63.952	N/A	N/A	32.608	AV
2			2483.500	50.511	17.803	-3.489	54.000	32.707	AV

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

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

Site: AC1	Time: 2021/06/06 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

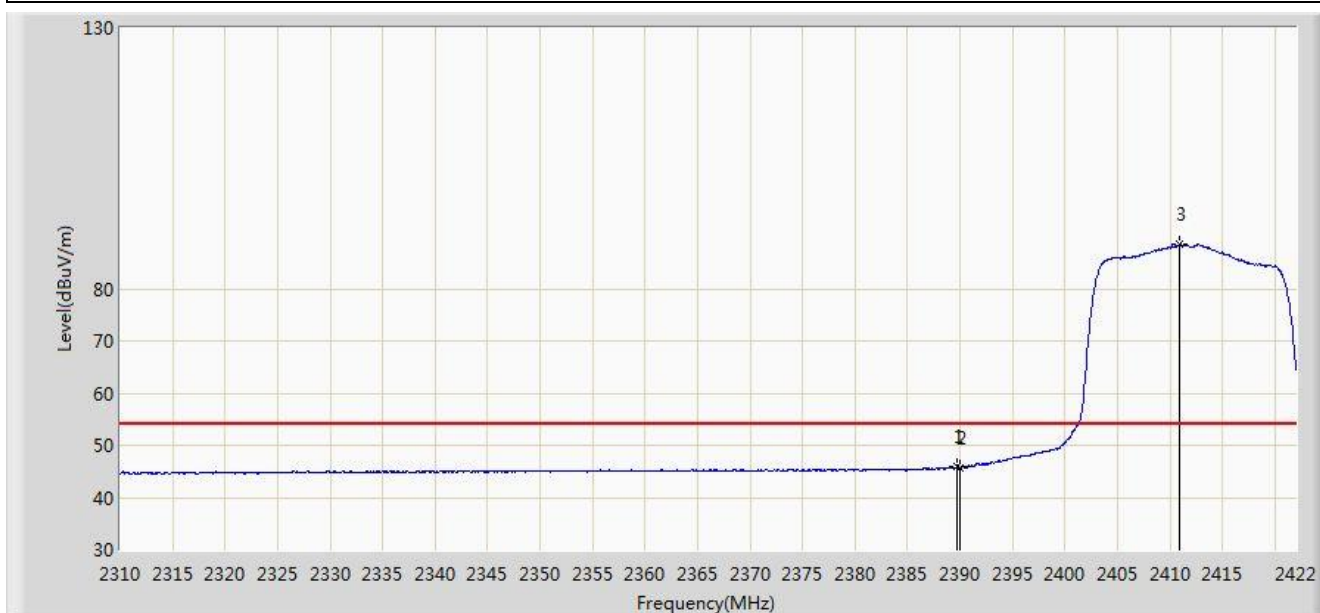


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.792	61.141	28.850	-12.859	74.000	32.291	PK
2			2390.000	58.910	26.614	-15.090	74.000	32.296	PK
3		*	2410.856	98.481	66.094	N/A	N/A	32.388	PK

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

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

Site: AC1	Time: 2021/06/06 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

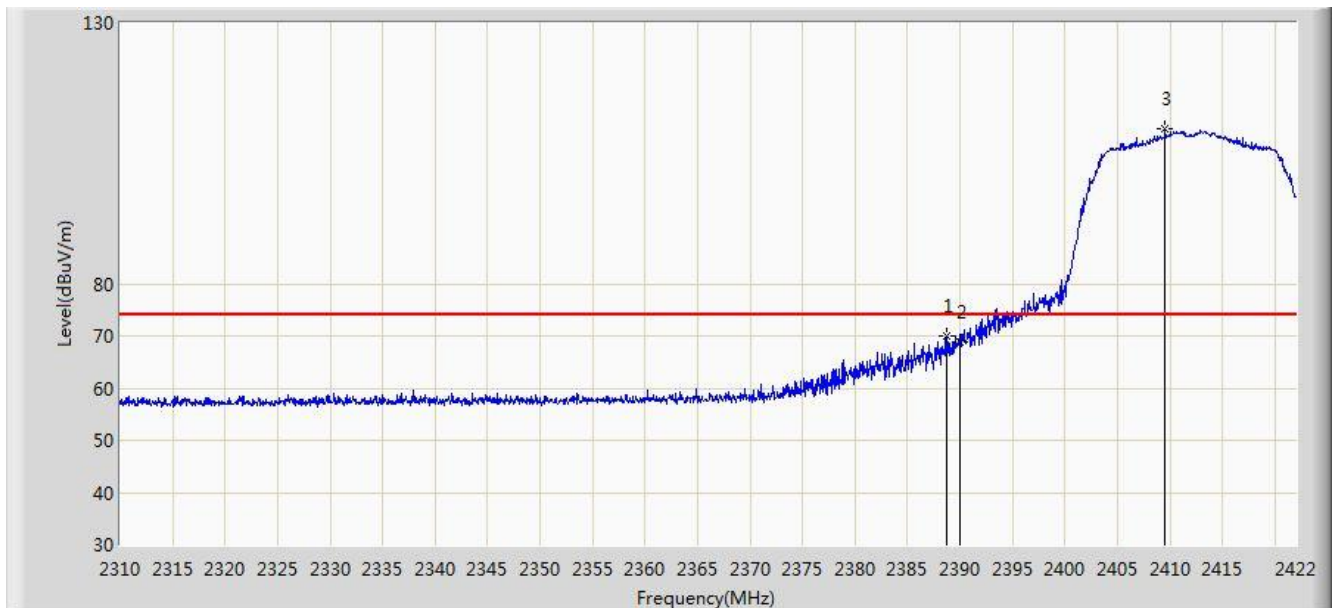


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	45.854	13.559	-8.146	54.000	32.295	AV
2			2390.000	45.710	13.414	-8.290	54.000	32.296	AV
3		*	2410.968	88.549	56.161	N/A	N/A	32.388	AV

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

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

Site: AC1	Time: 2021/06/06 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

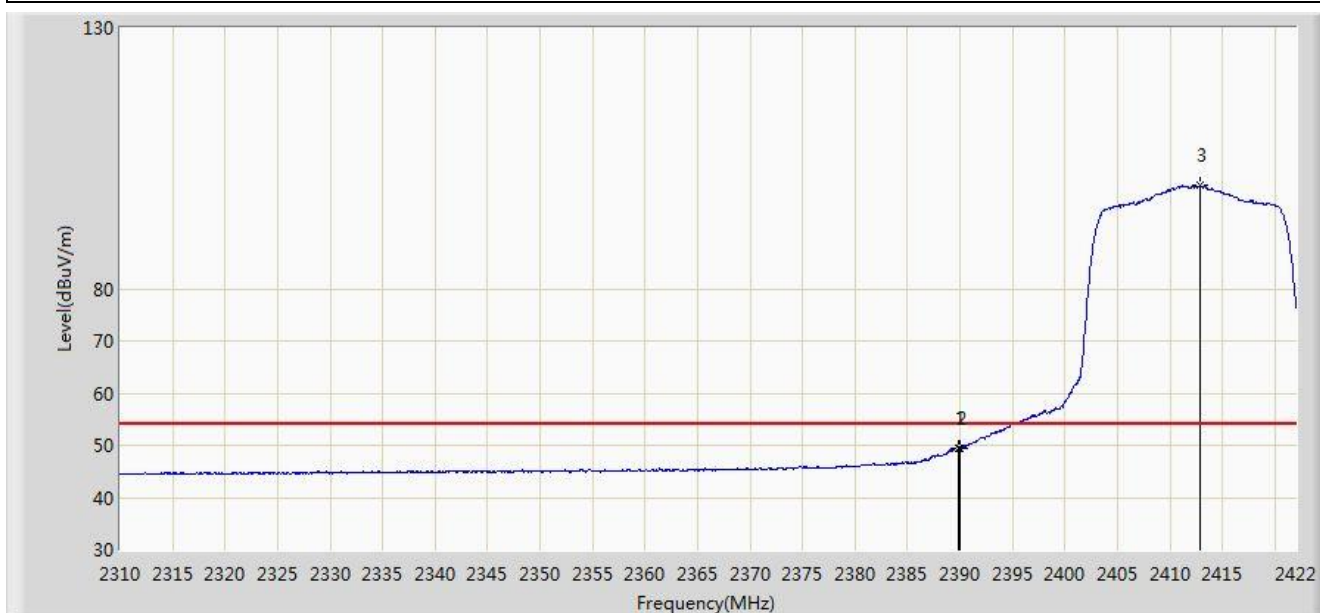


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.792	70.024	37.733	-3.976	74.000	32.291	PK
2			2390.000	68.799	36.503	-5.201	74.000	32.296	PK
3		*	2409.568	109.694	77.312	N/A	N/A	32.381	PK

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

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

Site: AC1	Time: 2021/06/06 - 11:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

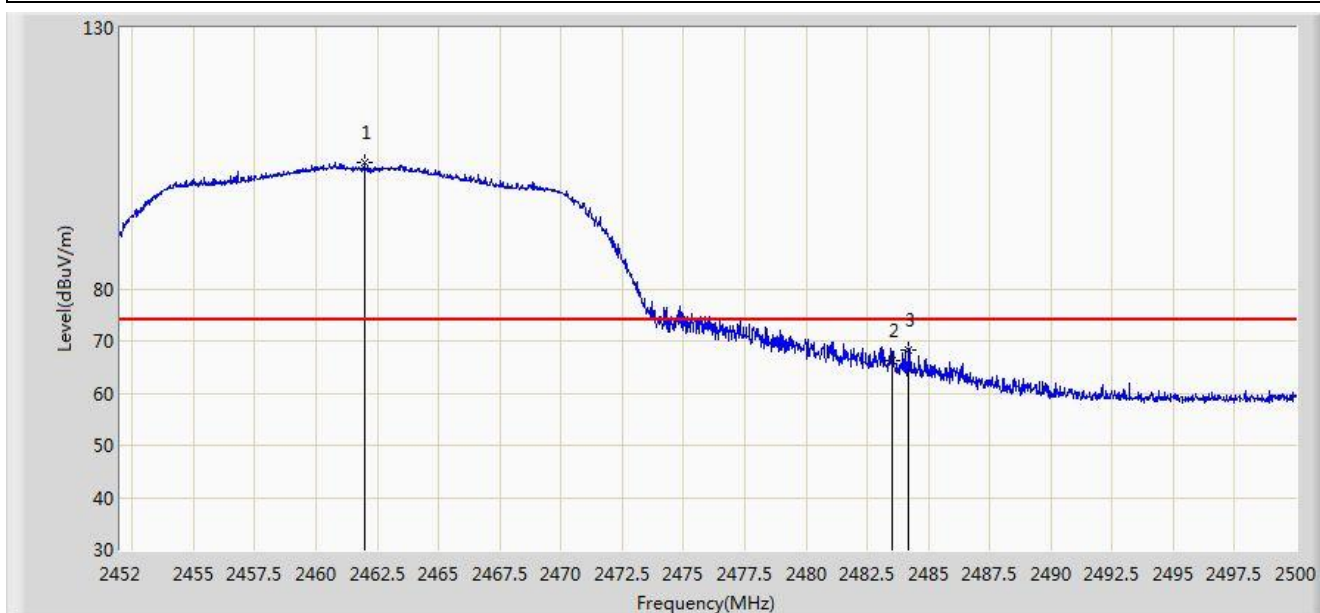


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	49.319	17.023	-4.681	54.000	32.296	AV
2			2390.000	49.330	17.034	-4.670	54.000	32.296	AV
3		*	2412.928	99.728	67.332	N/A	N/A	32.396	AV

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

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

Site: AC1	Time: 2021/06/06 - 11:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

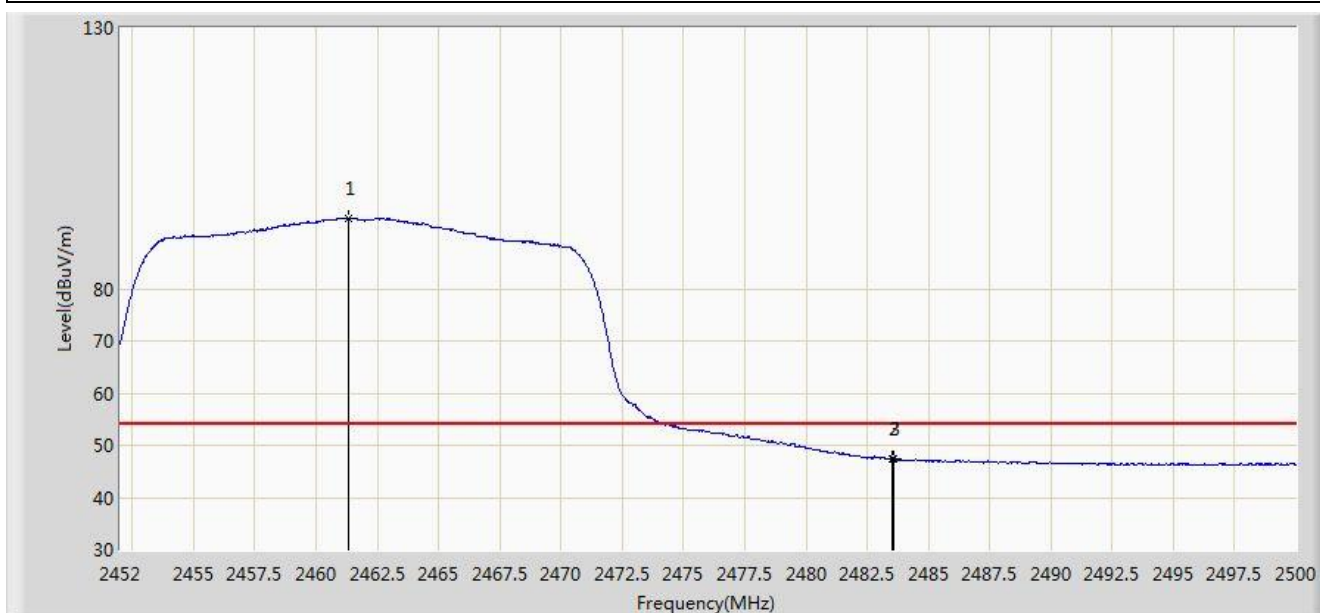


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.984	104.161	71.549	N/A	N/A	32.612	PK
2			2483.500	66.184	33.476	-7.816	74.000	32.707	PK
3			2484.160	68.398	35.687	-5.602	74.000	32.710	PK

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

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

Site: AC1	Time: 2021/06/06 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

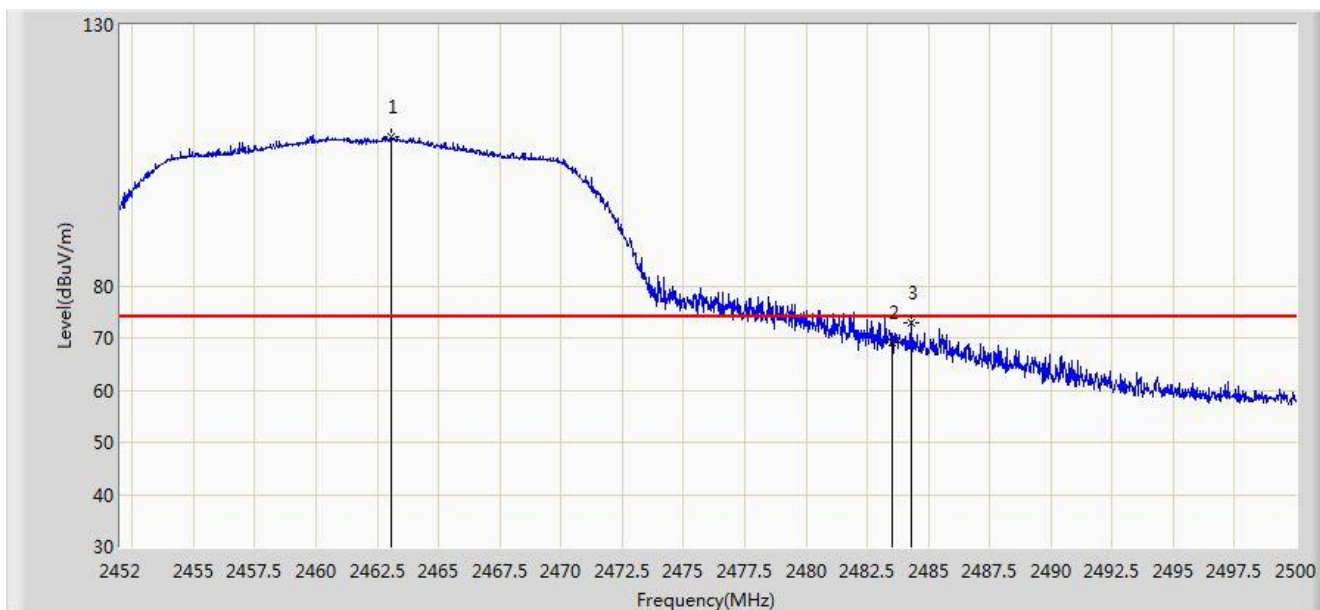


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	93.532	60.923	N/A	N/A	32.610	AV
2			2483.500	47.261	14.553	-6.739	54.000	32.707	AV
3			2483.608	47.400	14.692	-6.600	54.000	32.709	AV

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

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

Site: AC1	Time: 2021/06/06 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

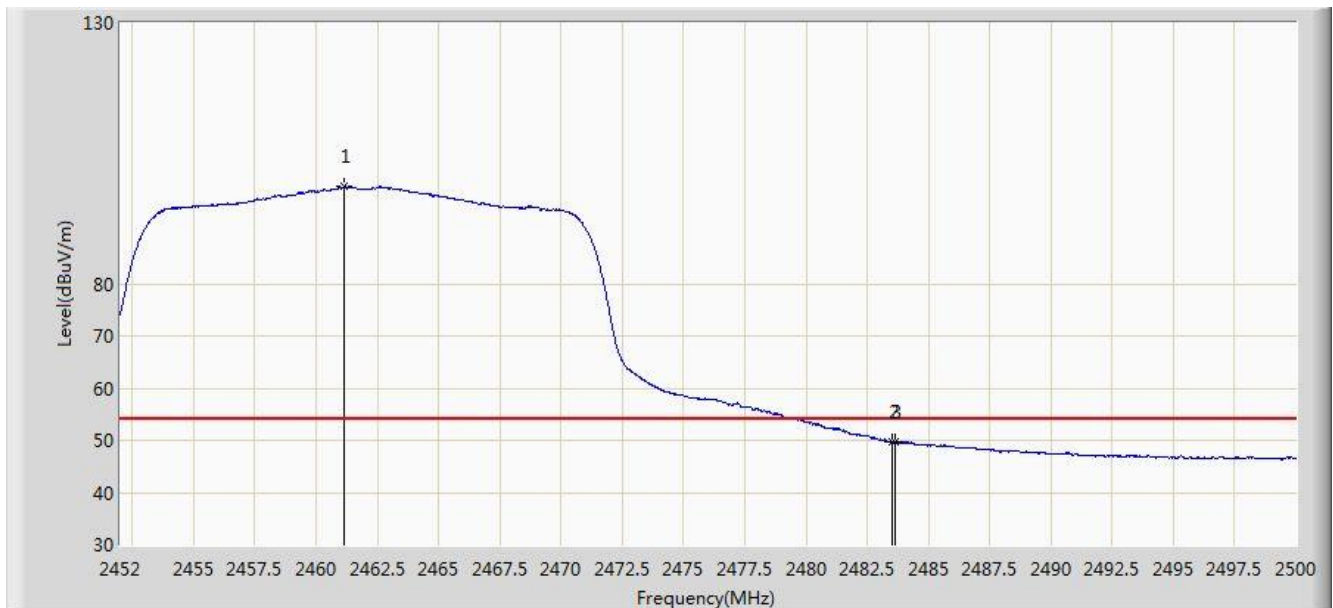


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.064	108.438	75.821	N/A	N/A	32.617	PK
2			2483.500	69.063	36.355	-4.937	74.000	32.707	PK
3			2484.280	73.043	40.332	-0.957	74.000	32.711	PK

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

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

Site: AC1	Time: 2021/06/06 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chou
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: X2000/ATX2000 Main PCBA	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	98.552	65.943	N/A	N/A	32.608	AV
2			2483.500	49.651	16.943	-4.349	54.000	32.707	AV
3			2483.632	49.689	16.981	-4.311	54.000	32.709	AV

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

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

7.8. AC Conducted Emissions Measurement

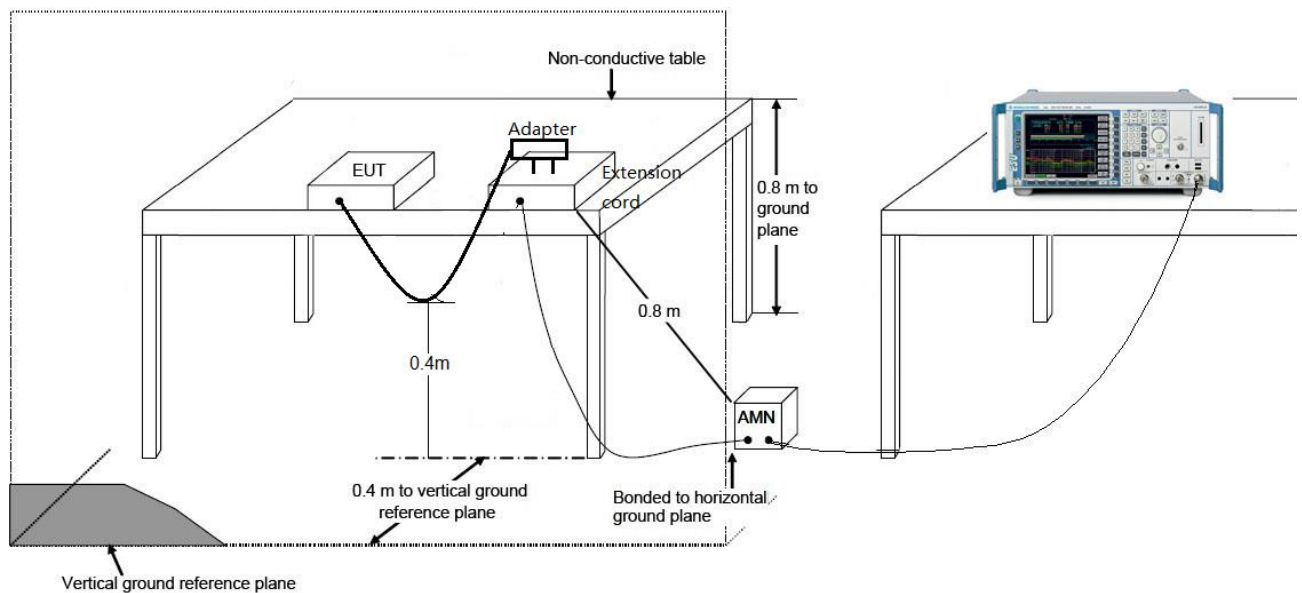
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

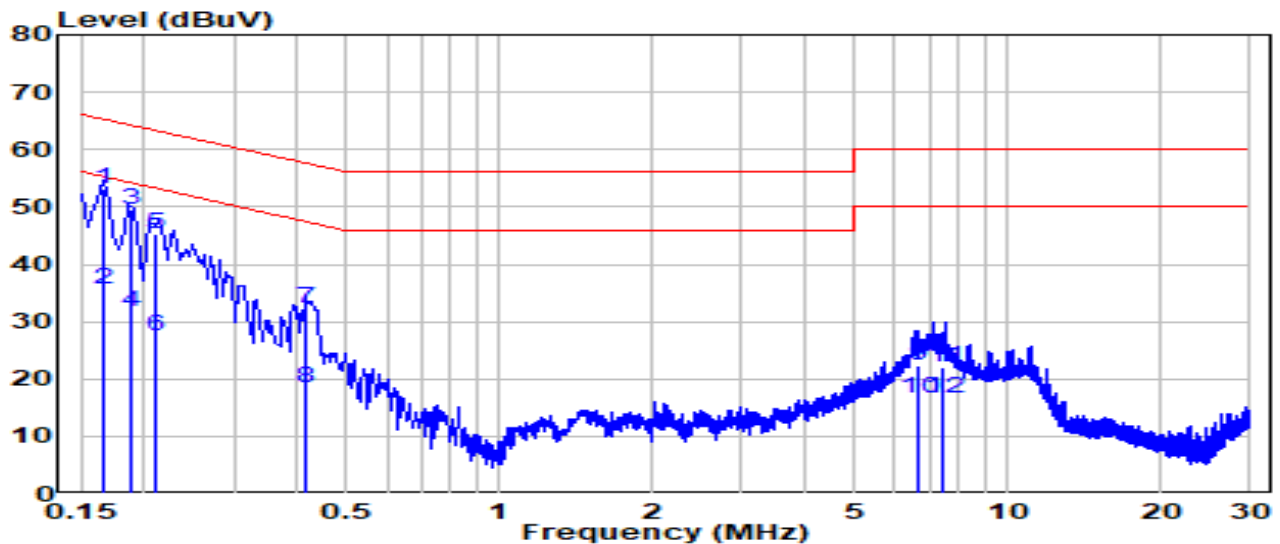
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-02
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	20.3°C /42%
Polarity	Line1	Site / Test Engineer	SR2 / Peter Xu
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz

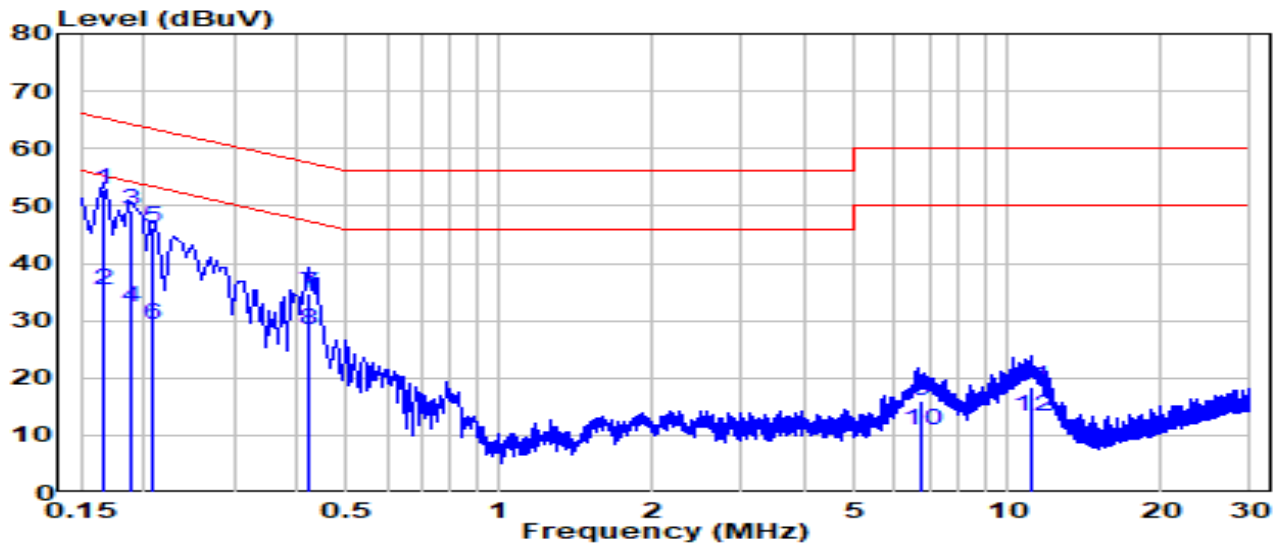


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.166	43.61	9.61	53.22	-11.94	65.16	QP
2		0.166	26.01	9.61	35.62	-19.54	55.16	Average
3		0.188	39.92	9.61	49.53	-14.61	64.15	QP
4		0.188	22.22	9.61	31.83	-22.31	54.15	Average
5		0.211	35.63	9.61	45.24	-17.91	63.15	QP
6		0.211	17.83	9.61	27.44	-25.71	53.15	Average
7		0.417	22.56	9.63	32.18	-25.33	57.51	QP
8		0.417	8.76	9.63	18.38	-29.13	47.51	Average
9		6.652	12.45	9.79	22.24	-37.76	60.00	QP
10		6.652	6.95	9.79	16.74	-33.26	50.00	Average
11		7.471	12.26	9.81	22.07	-37.93	60.00	QP
12		7.471	6.86	9.81	16.67	-33.33	50.00	Average

Note:

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

EUT	X2000/ATX2000 Main PCBA	Date of Test	2021-03-02
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	20.3°C /42%
Polarity	Neutral	Site / Test Engineer	SR2 / Peter Xu
Test Mode	Transmit by 802.11b at channel 2412MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.165	43.19	9.62	52.81	-12.38	65.19	QP
2		0.165	25.79	9.62	35.41	-19.78	55.19	Average
3		0.188	39.50	9.62	49.13	-15.02	64.14	QP
4		0.188	22.60	9.62	32.23	-21.92	54.14	Average
5		0.208	36.51	9.62	46.13	-17.16	63.29	QP
6		0.208	19.71	9.62	29.33	-23.96	53.29	Average
7		0.421	25.04	9.64	34.67	-22.76	57.43	QP
8		0.421	18.84	9.64	28.47	-18.96	47.43	Average
9		6.747	6.33	9.80	16.13	-43.87	60.00	QP
10		6.747	1.03	9.80	10.83	-39.17	50.00	Average
11		11.110	8.37	9.91	18.28	-41.72	60.00	QP
12		11.110	3.27	9.91	13.18	-36.82	50.00	Average

Note:

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15C of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2105TW0001-Setup Photo” file.

Appendix B - External Photograph

Refer to “2105TW0001-External Photo” file.

Appendix C - Internal Photograph

Refer to “2105TW0001-Internal Photo” file.