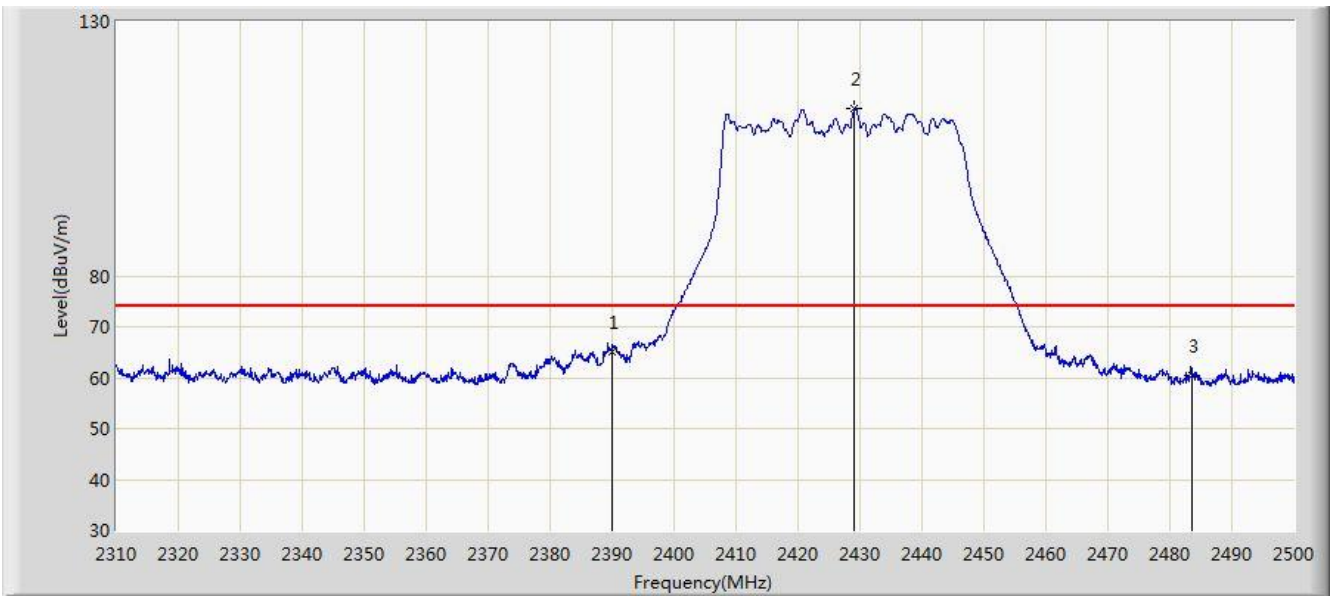


Site: AC1	Time: 2019/05/06 - 21:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2427MHz - Ant 0+1	

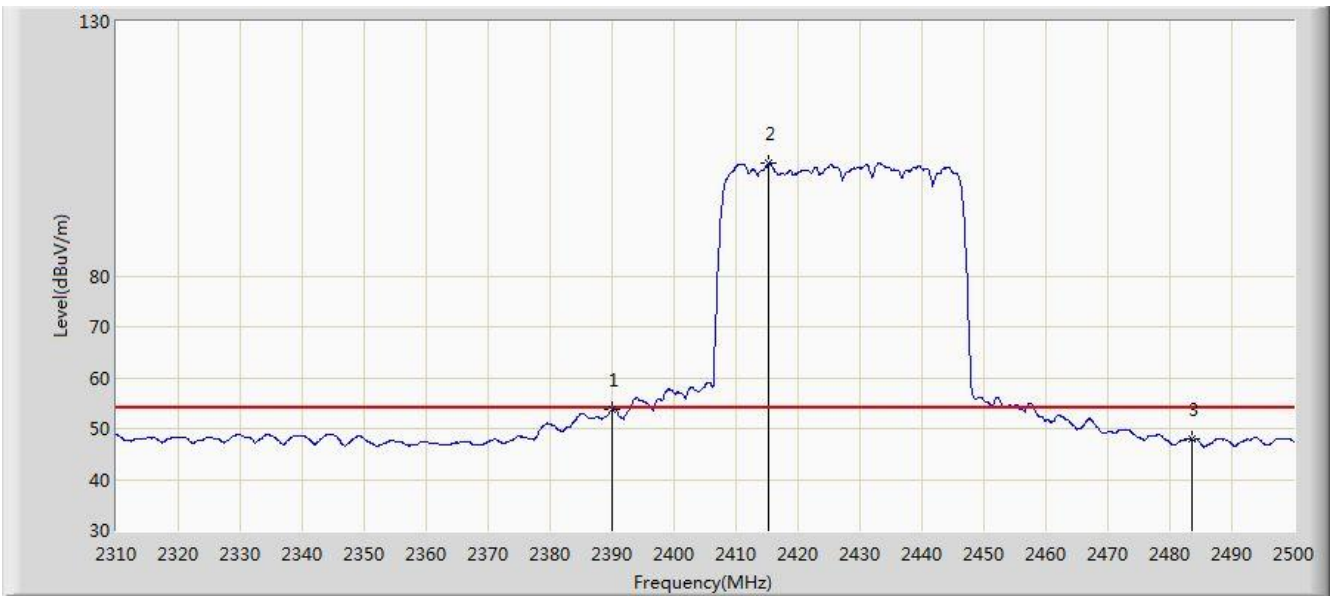


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	65.071	67.431	-8.929	74.000	-2.360	PK
2		*	2429.130	112.840	115.044	N/A	N/A	-2.204	PK
3			2483.500	60.311	62.297	-13.689	74.000	-1.986	PK

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

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

Site: AC1	Time: 2019/05/06 - 21:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2427MHz - Ant 0+1	

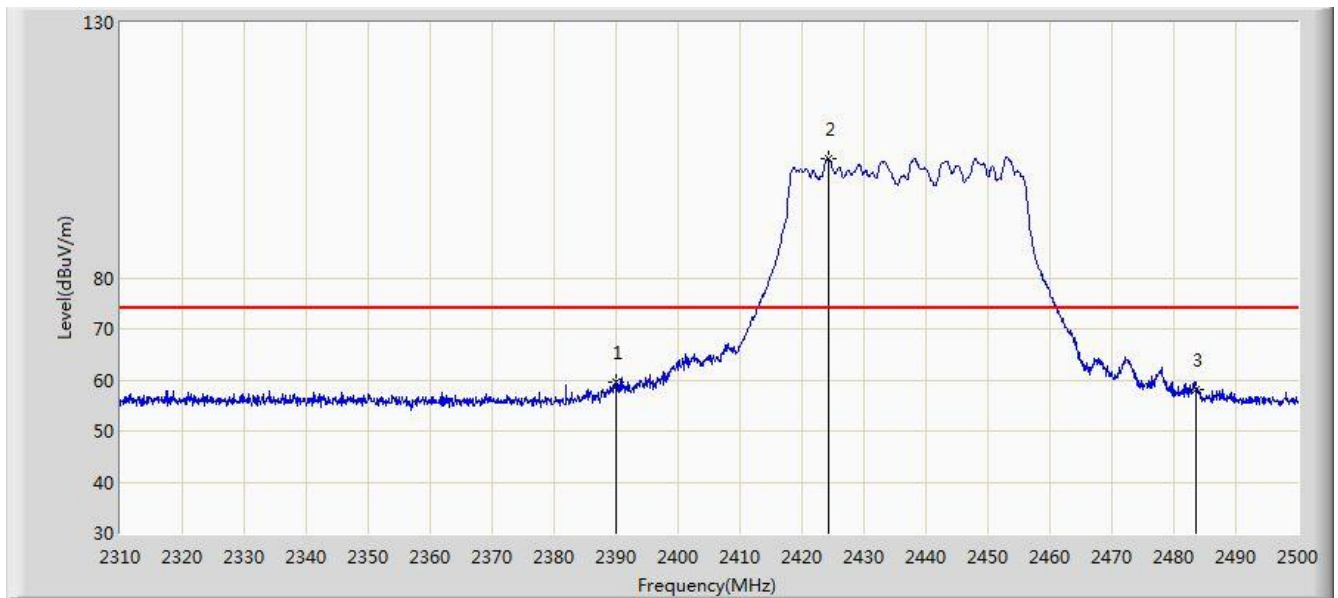


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.812	56.172	-0.188	54.000	-2.360	AV
2		*	2415.355	102.245	104.504	N/A	N/A	-2.259	AV
3			2483.500	47.894	49.880	-6.106	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/04/30 - 04:52
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz - Ant 0+1	

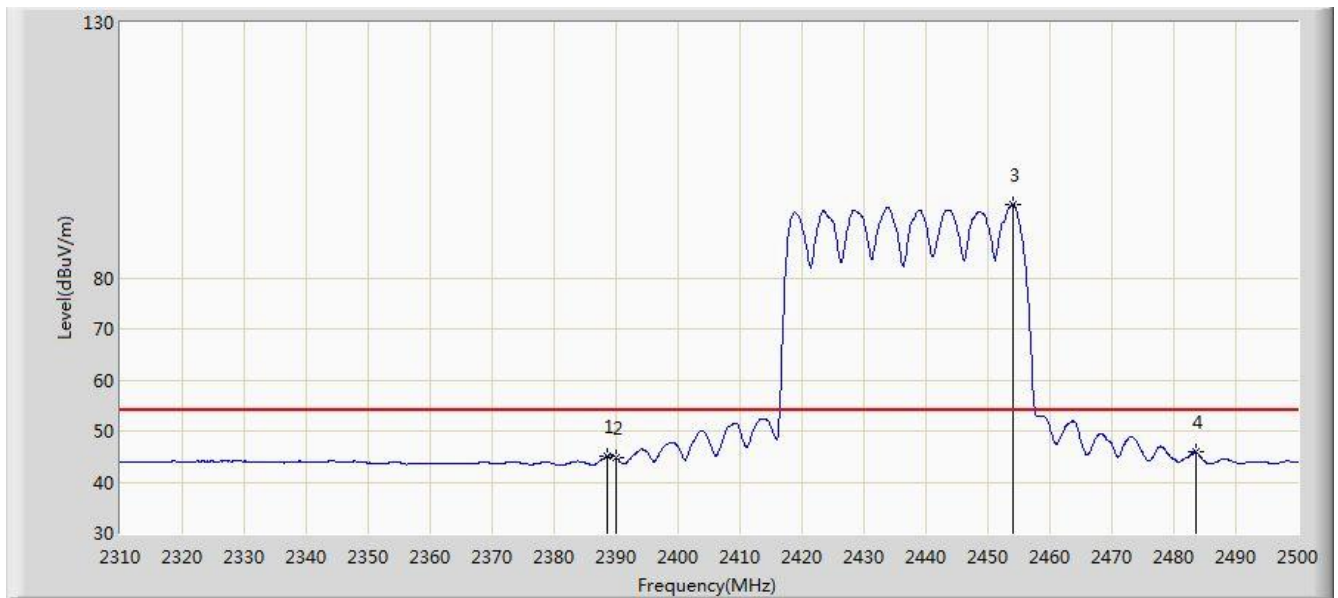


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	59.699	62.059	-14.301	74.000	-2.360	PK
2		*	2424.285	103.391	105.614	N/A	N/A	-2.223	PK
3			2483.500	58.245	60.231	-15.755	74.000	-1.986	PK

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

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

Site: AC1	Time: 2019/04/30 - 04:53
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz - Ant 0+1	

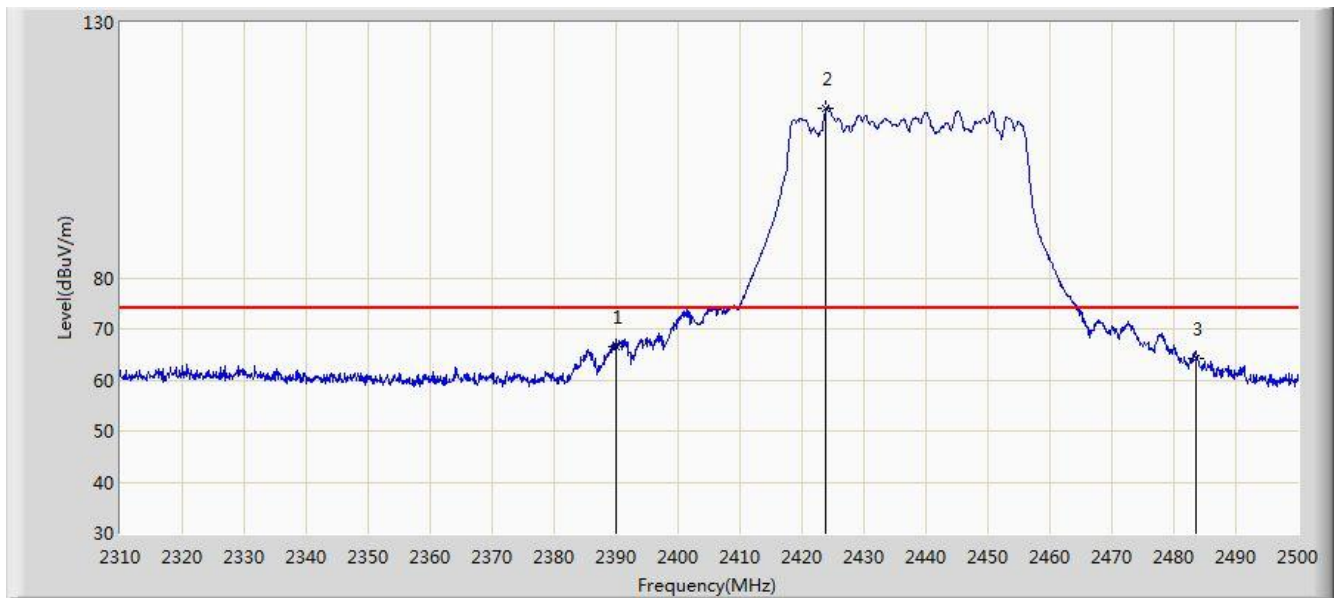


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.565	45.069	47.435	-8.931	54.000	-2.366	AV
2			2390.000	44.745	47.105	-9.255	54.000	-2.360	AV
3		*	2454.115	94.383	96.486	N/A	N/A	-2.104	AV
4			2483.500	45.855	47.841	-8.145	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/04/30 - 04:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz - Ant 0+1	

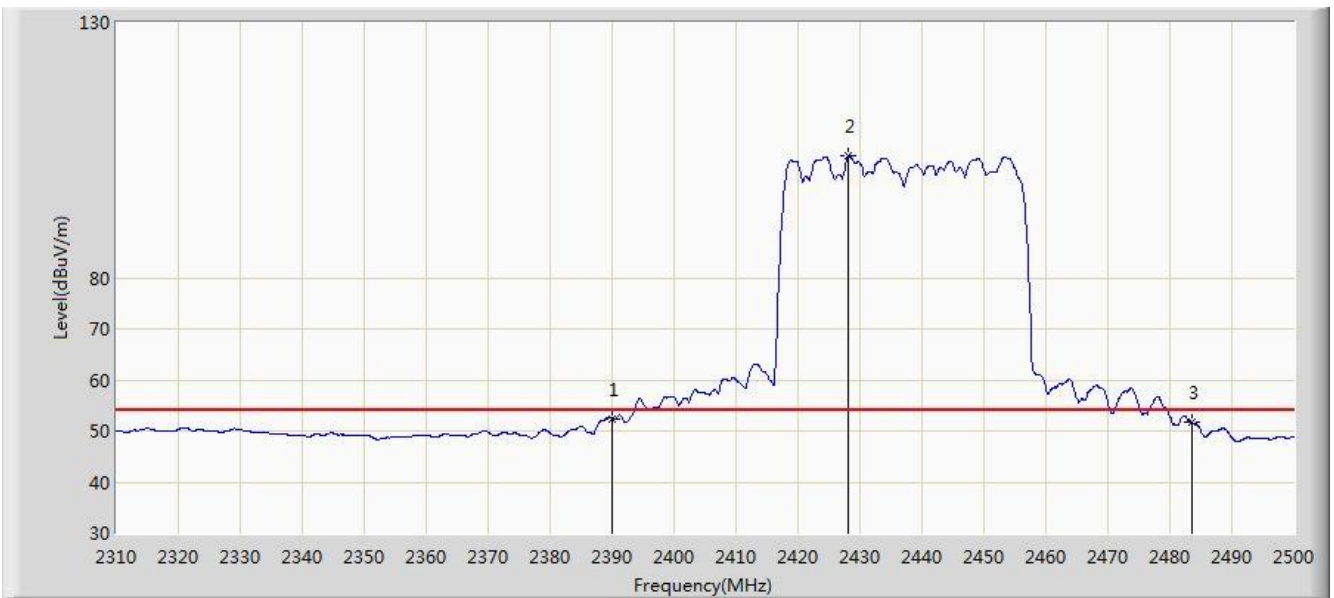


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	66.486	68.846	-7.514	74.000	-2.360	PK
2		*	2423.905	113.077	115.302	N/A	N/A	-2.224	PK
3			2483.500	64.306	66.292	-9.694	74.000	-1.986	PK

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

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

Site: AC1	Time: 2019/04/30 - 04:46
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2437MHz - Ant 0+1	

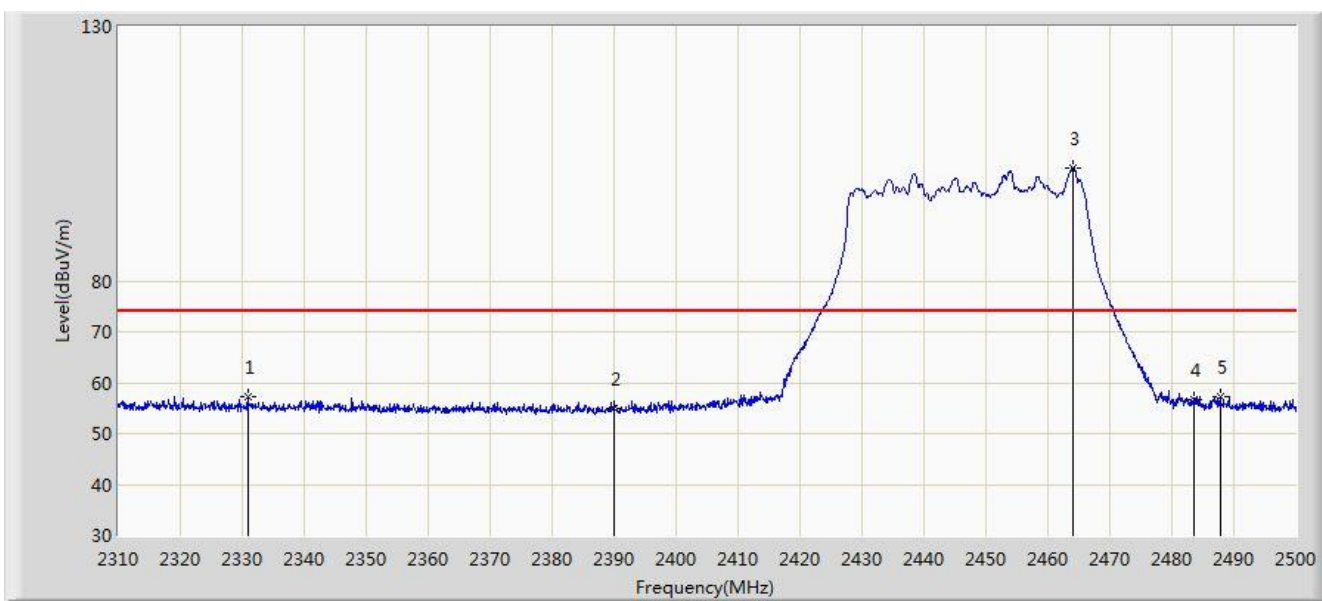


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.402	54.762	-1.598	54.000	-2.360	AV
2		*	2428.180	103.913	106.121	N/A	N/A	-2.207	AV
3			2483.500	51.648	53.634	-2.352	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/05/06 - 21:45
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2447MHz - Ant 0+1	

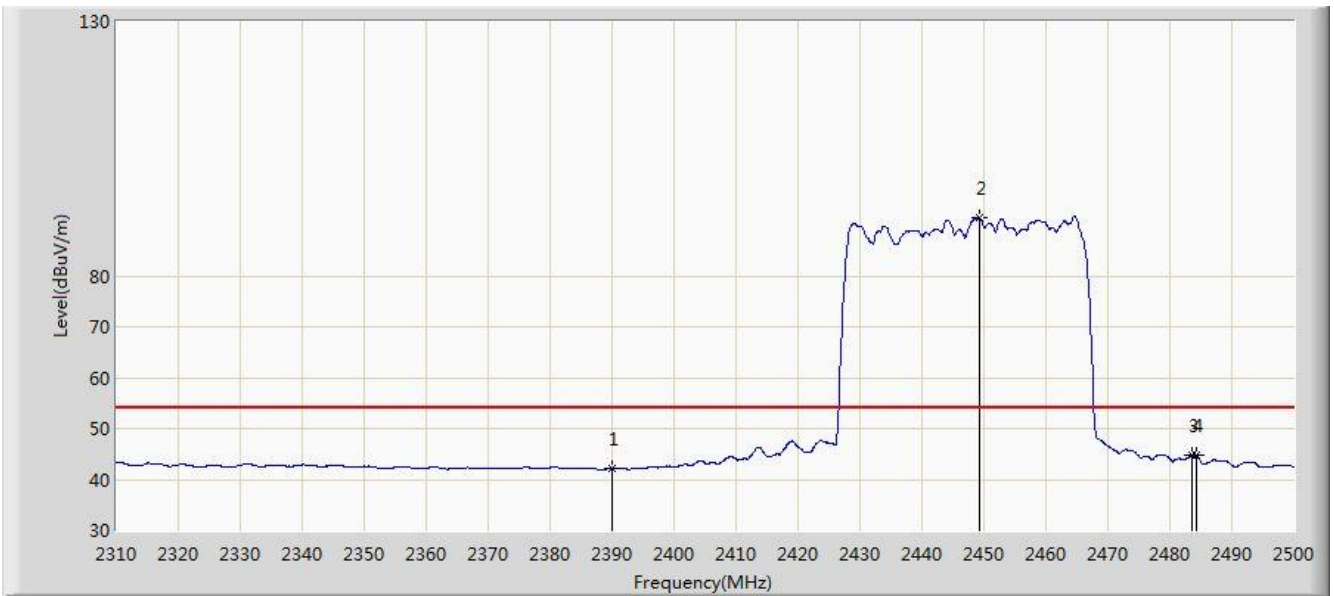


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2330.900	57.386	59.983	-16.614	74.000	-2.596	PK
2			2390.000	54.930	57.290	-19.070	74.000	-2.360	PK
3		*	2464.090	102.233	104.296	N/A	N/A	-2.063	PK
4			2483.500	56.641	58.627	-17.359	74.000	-1.986	PK
5			2487.745	57.368	59.337	-16.632	74.000	-1.970	PK

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

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

Site: AC1	Time: 2019/05/06 - 21:47
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2447MHz - Ant 0+1	

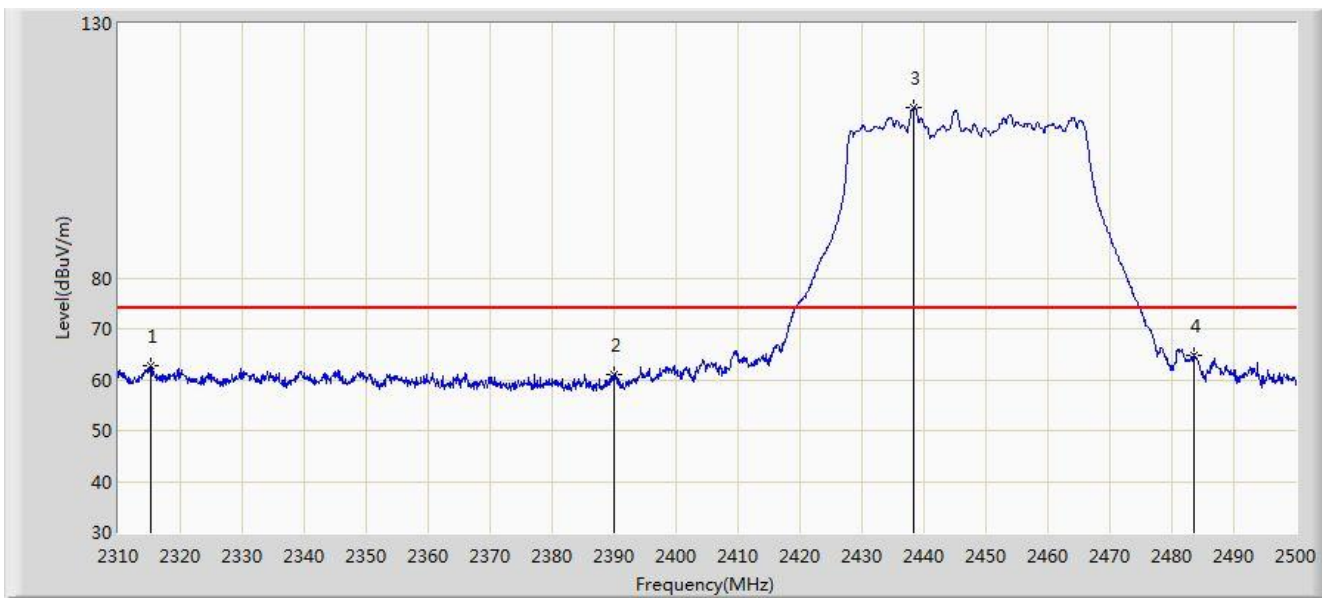


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	42.138	44.498	-11.862	54.000	-2.360	AV
2		*	2449.365	91.404	93.526	N/A	N/A	-2.122	AV
3			2483.500	44.664	46.650	-9.336	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/05/06 - 21:44
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2447MHz - Ant 0+1	

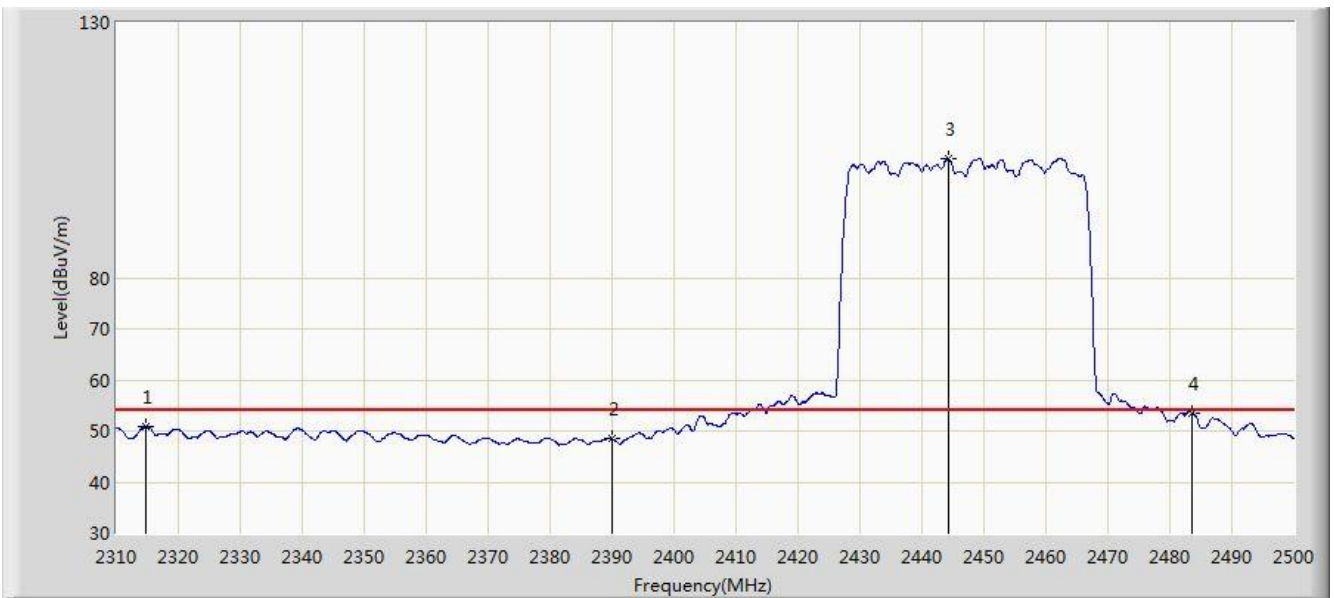


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2315.130	62.689	65.349	-11.311	74.000	-2.660	PK
2			2390.000	60.883	63.243	-13.117	74.000	-2.360	PK
3		*	2438.440	113.449	115.615	N/A	N/A	-2.167	PK
4			2483.500	64.690	66.676	-9.310	74.000	-1.986	PK

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

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

Site: AC1	Time: 2019/05/06 - 21:41
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2447MHz - Ant 0+1	

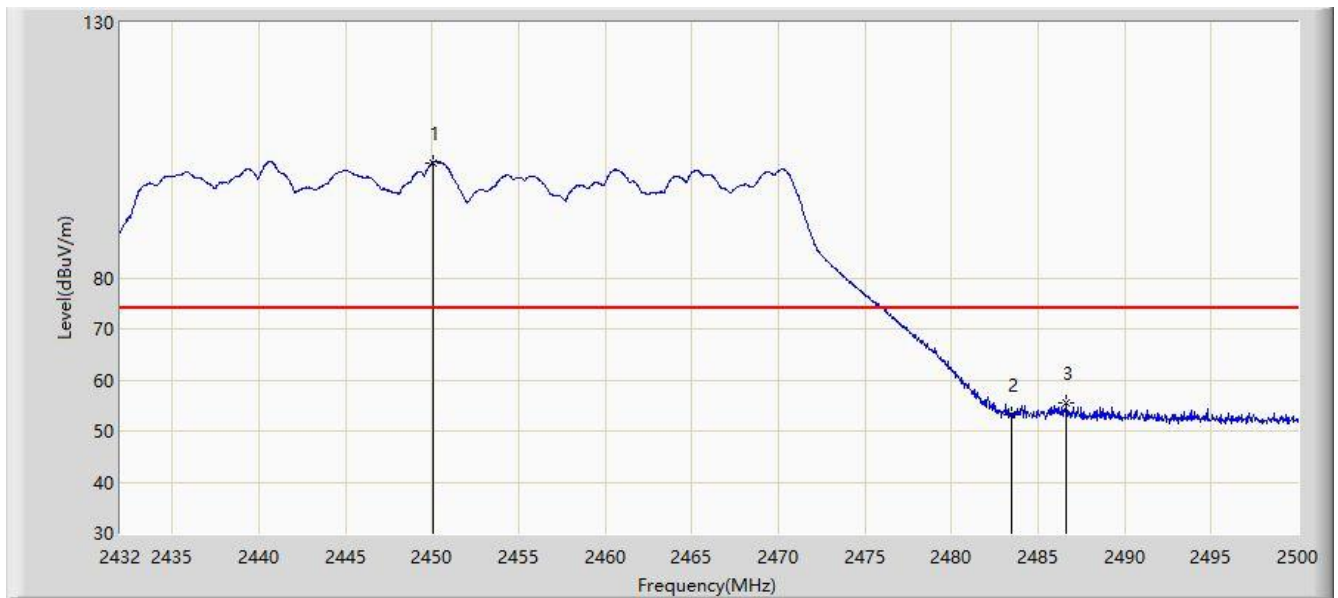


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2314.655	51.011	53.673	-2.989	54.000	-2.662	AV
2			2390.000	48.416	50.776	-5.584	54.000	-2.360	AV
3		*	2444.330	103.233	105.375	N/A	N/A	-2.142	AV
4			2483.500	53.549	55.535	-0.451	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/05/24 - 18:22
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz - Ant 0+1	

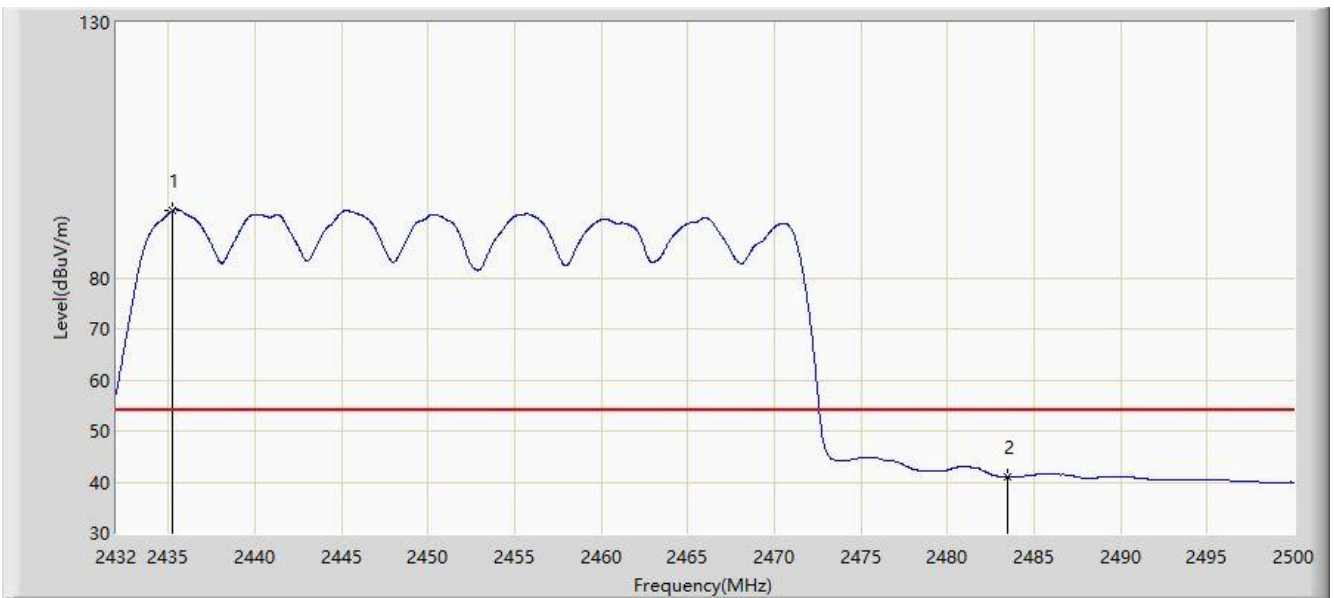


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.054	102.591	104.710	N/A	N/A	-2.120	PK
2			2483.500	53.213	55.199	-20.787	74.000	-1.986	PK
3			2486.638	55.421	57.394	-18.579	74.000	-1.973	PK

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

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

Site: AC1	Time: 2019/05/24 - 18:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz - Ant 0+1	

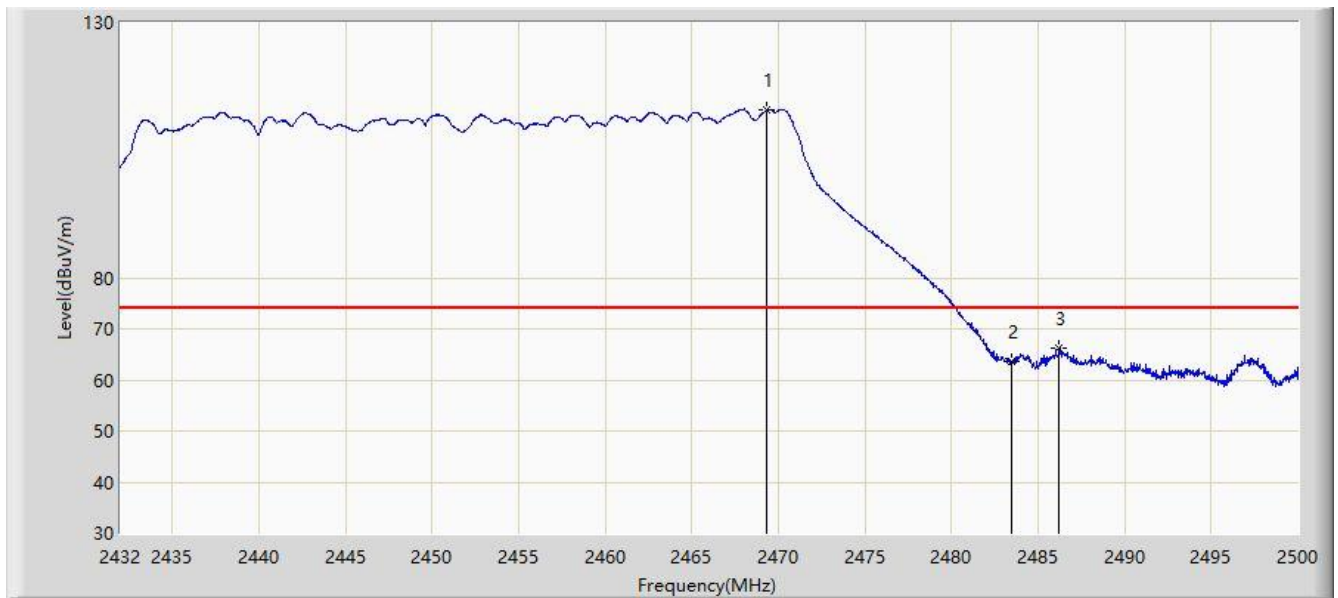


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2435.264	93.212	95.391	N/A	N/A	-2.179	AV
2			2483.500	41.052	43.038	-12.948	54.000	-1.986	AV

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

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

Site: AC1	Time: 2019/05/24 - 18:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz - Ant 0+1	

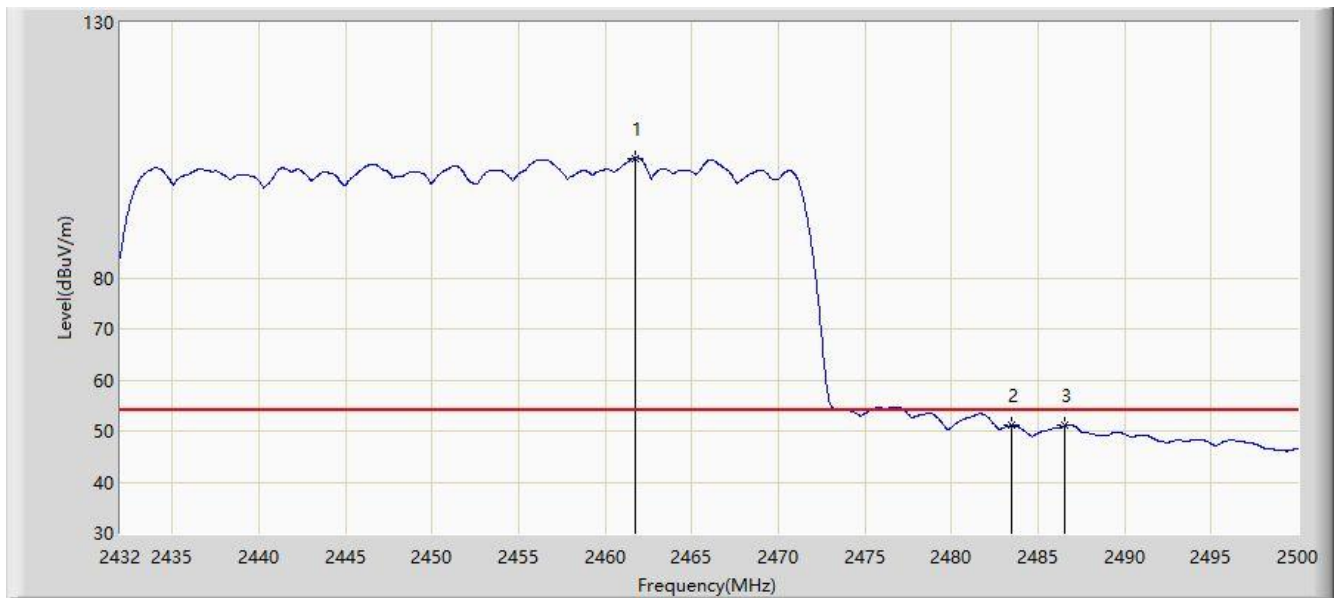


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2469.332	112.875	114.918	N/A	N/A	-2.043	PK
2			2483.500	63.555	65.541	-10.445	74.000	-1.986	PK
3			2486.196	66.276	68.251	-7.724	74.000	-1.974	PK

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

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

Site: AC1	Time: 2019/05/24 - 18:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 2452MHz - Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.716	103.456	105.529	N/A	N/A	-2.073	AV
2			2483.500	51.065	53.051	-2.935	54.000	-1.986	AV
3			2486.536	51.023	52.997	-2.977	54.000	-1.973	AV

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

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

7.8. AC Conducted Emissions Measurement

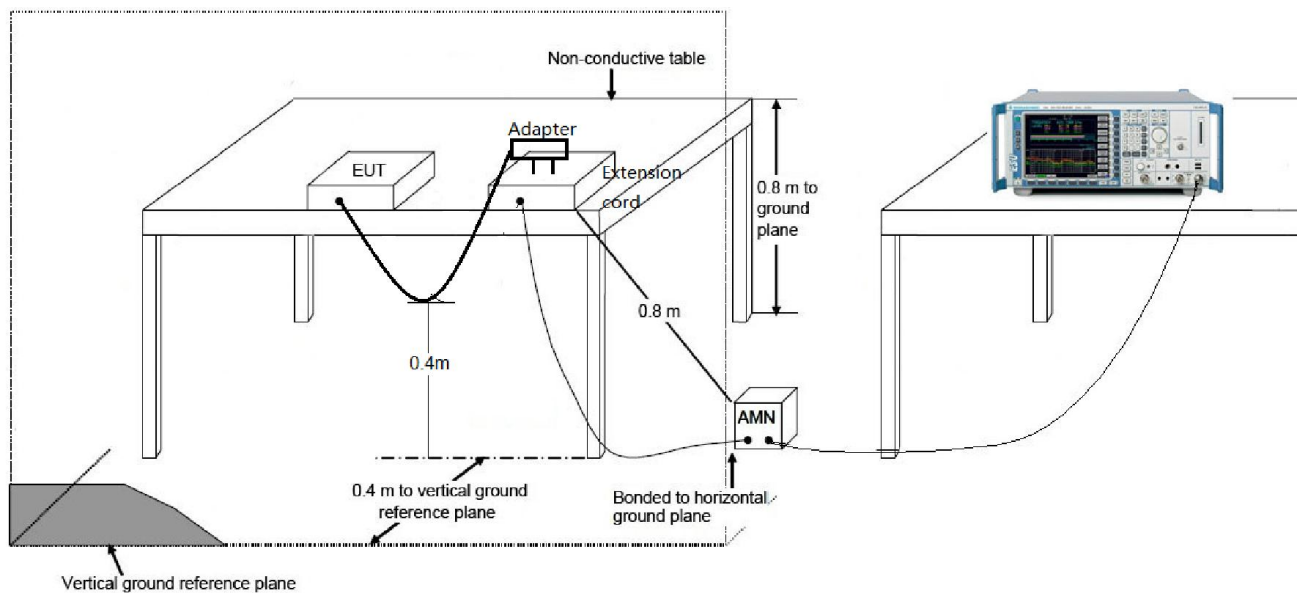
7.8.1. Test Limit

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.

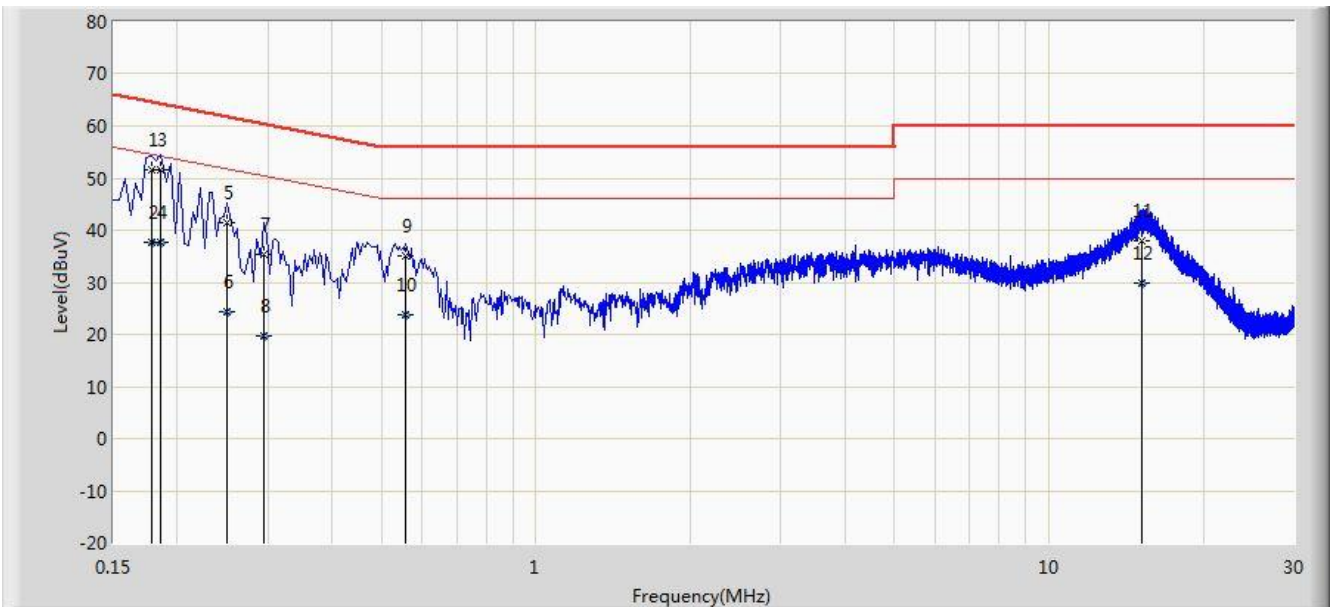
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

Site: SR2	Time: 2019/05/18 - 12:56
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin ker
Probe: ENV216 (Filter On)	Polarity: Line
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode 1	

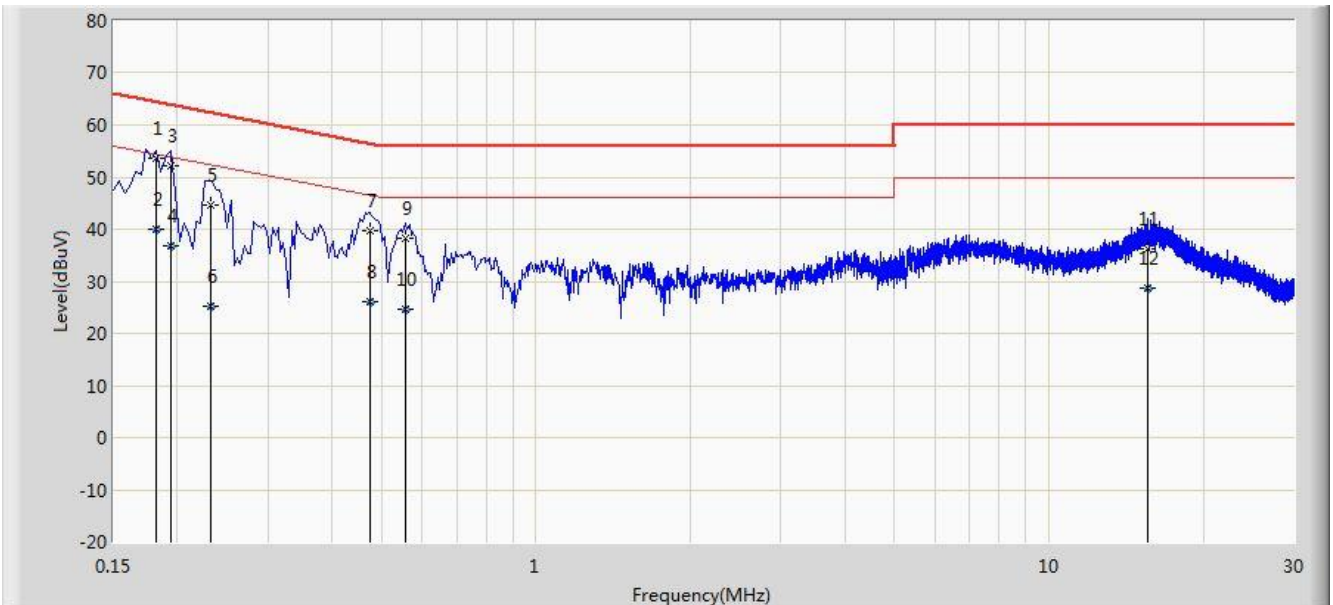


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.178	51.539	41.473	-13.039	64.578	10.067	QP
2			0.178	37.679	27.613	-16.899	54.578	10.067	AV
3		*	0.186	51.539	41.481	-12.674	64.213	10.058	QP
4			0.186	37.539	27.481	-16.674	54.213	10.058	AV
5			0.250	41.528	31.573	-20.230	61.757	9.955	QP
6			0.250	24.276	14.321	-27.482	51.757	9.955	AV
7			0.294	35.356	25.374	-25.055	60.411	9.982	QP
8			0.294	19.626	9.644	-30.785	50.411	9.982	AV
9			0.558	35.037	24.952	-20.963	56.000	10.084	QP
10			0.558	23.637	13.552	-22.363	46.000	10.084	AV
11			15.122	37.927	27.986	-22.073	60.000	9.941	QP
12			15.122	29.987	20.046	-20.013	50.000	9.941	AV

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

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

Site: SR2	Time: 2019/05/18 - 12:58
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin ker
Probe: ENV216 (Filter On)	Polarity: Neutral
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.182	53.542	43.503	-10.852	64.394	10.039	QP
2			0.182	40.142	30.103	-14.252	54.394	10.039	AV
3			0.194	52.188	42.179	-11.676	63.864	10.008	QP
4			0.194	36.718	26.709	-17.146	53.864	10.008	AV
5			0.232	44.687	34.777	-17.691	62.378	9.910	QP
6			0.232	25.187	15.277	-27.191	52.378	9.910	AV
7			0.474	39.661	29.553	-16.782	56.444	10.109	QP
8			0.474	26.047	15.939	-20.396	46.444	10.109	AV
9			0.558	38.229	28.127	-17.771	56.000	10.102	QP
10			0.558	24.513	14.411	-21.487	46.000	10.102	AV
11			15.590	36.370	26.389	-23.630	60.000	9.981	QP
12			15.590	28.718	18.737	-21.282	50.000	9.981	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 **AX3000 Gigabit Wi-Fi 6 Router** is in compliance with Part 15C of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “1905TW0114-UT” file.

Appendix B - EUT Photograph

Refer to “ 1905TW0114-UE” file.