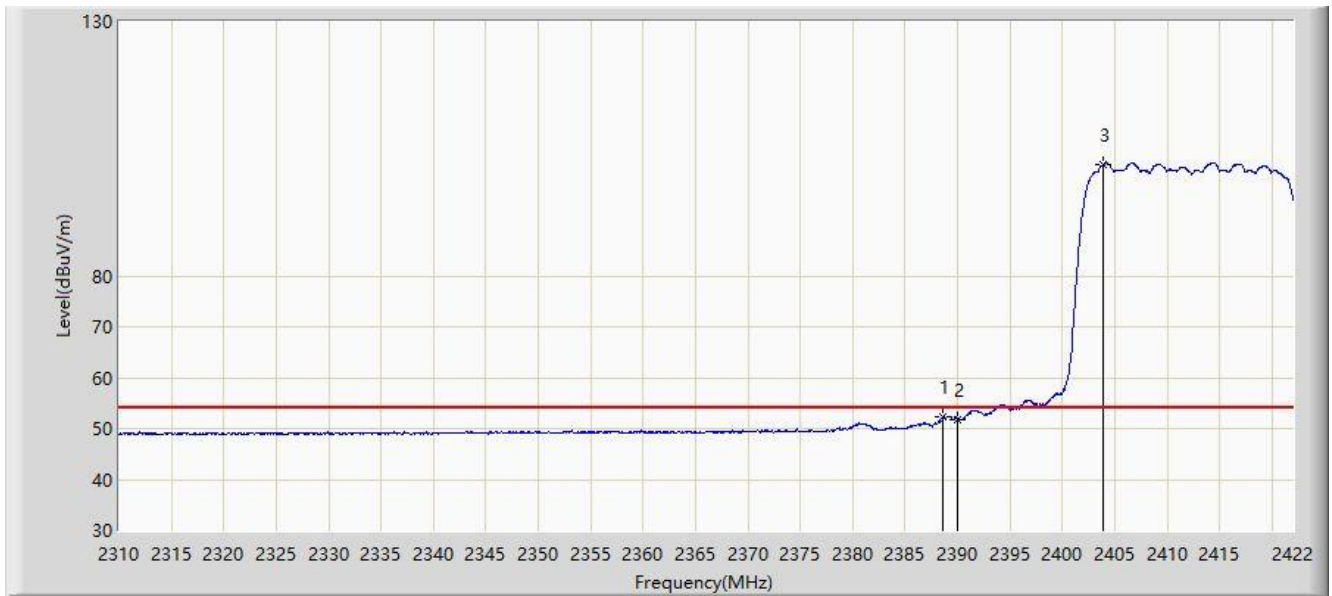


Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.624	52.251	21.342	-1.749	54.000	30.909	AV
2			2390.000	51.821	20.915	-2.179	54.000	30.906	AV
3		*	2403.912	101.959	71.063	NA	NA	30.896	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2412MHz	

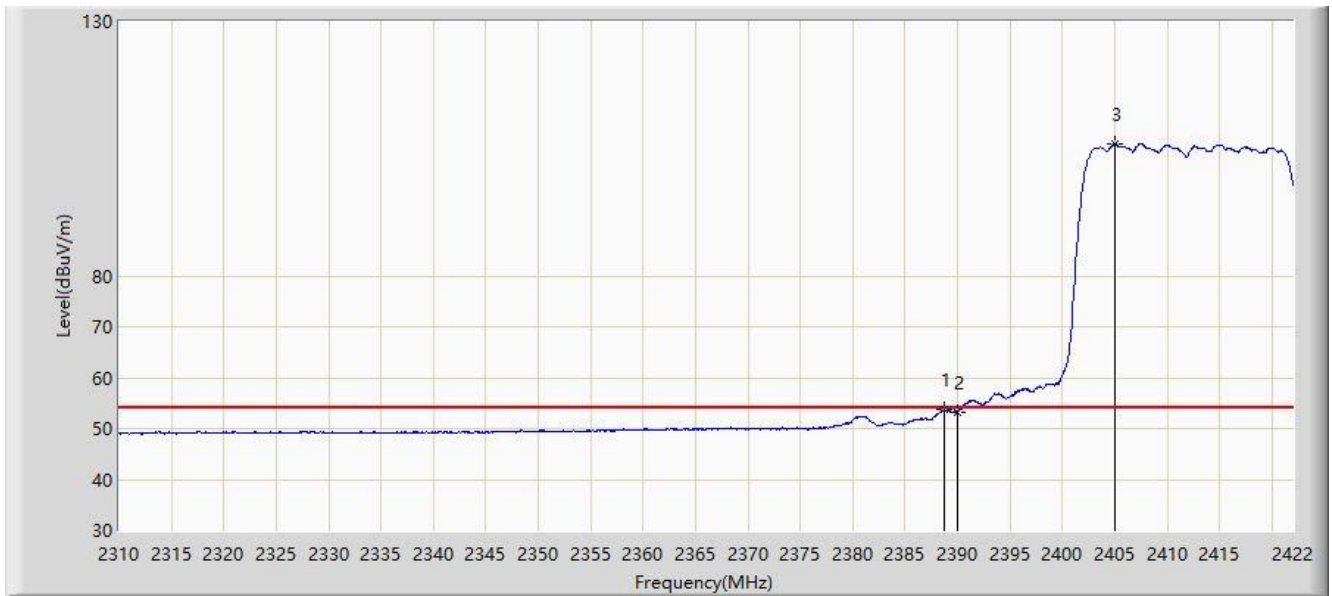


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.128	73.550	42.642	-0.450	74.000	30.908	PK
2			2390.000	71.833	40.927	-2.167	74.000	30.906	PK
3		*	2404.976	117.450	86.554	NA	NA	30.896	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2412MHz	

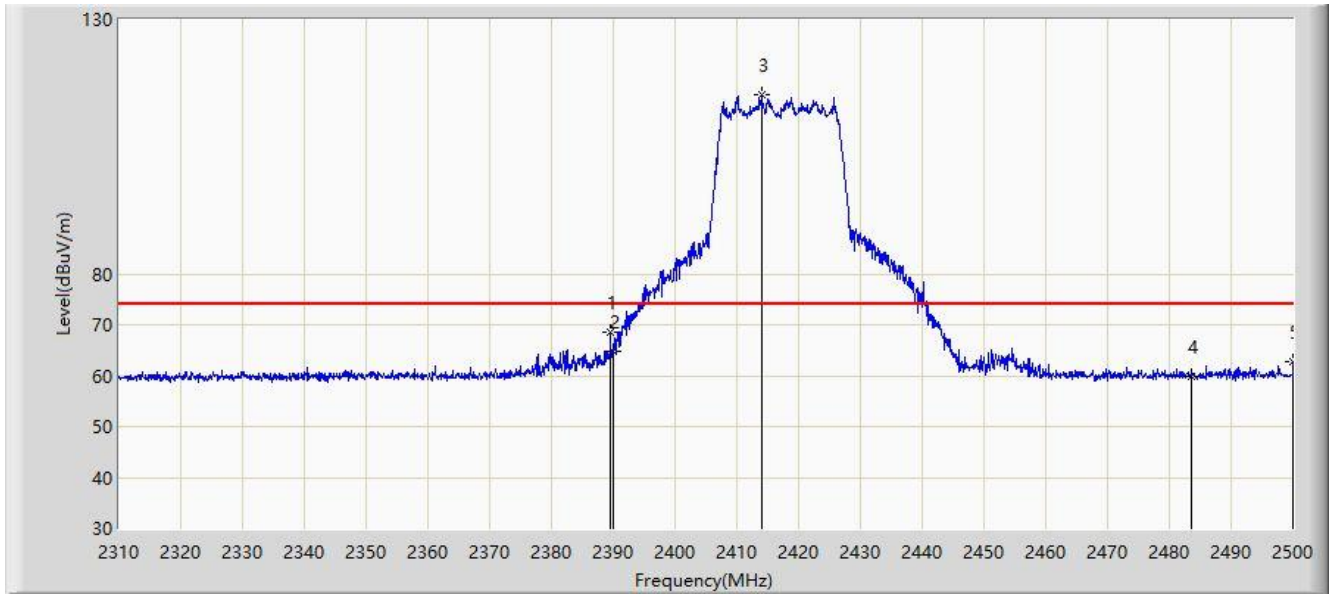


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.736	53.713	22.804	-0.287	54.000	30.908	AV
2			2390.000	53.327	22.421	-0.673	54.000	30.906	AV
3		*	2405.032	105.938	75.042	NA	NA	30.896	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2417MHz	

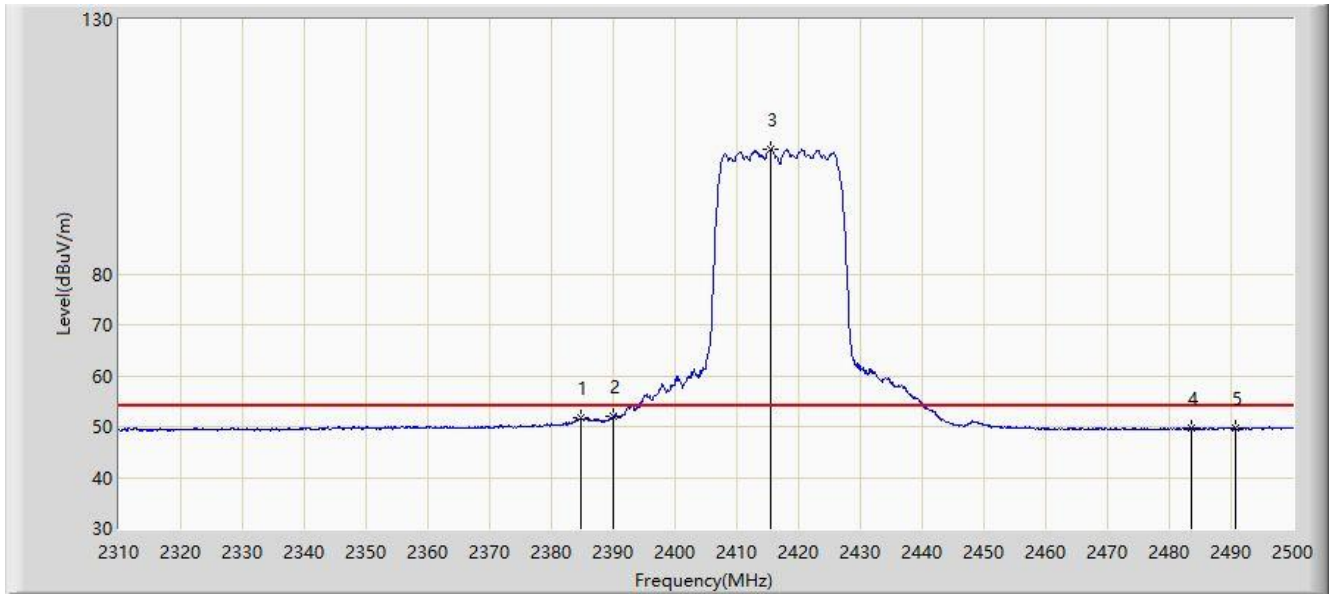


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.515	68.636	37.729	-5.364	74.000	30.907	PK
2			2390.000	64.699	33.793	-9.301	74.000	30.906	PK
3		*	2413.930	115.283	84.392	NA	NA	30.891	PK
4			2483.500	59.927	29.039	-14.073	74.000	30.888	PK
5			2500.000	62.825	31.937	-11.175	74.000	30.888	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2417MHz	

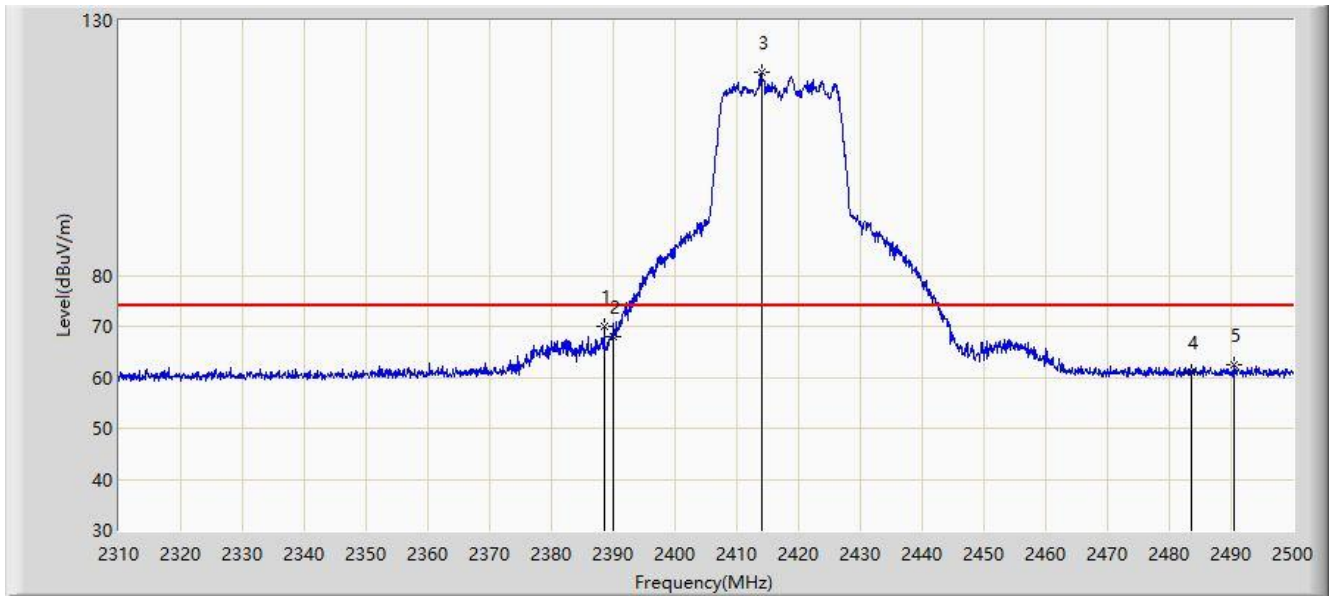


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.670	51.642	20.724	-2.358	54.000	30.918	AV
2			2390.000	52.120	21.214	-1.880	54.000	30.906	AV
3		*	2415.450	104.424	73.536	NA	NA	30.887	AV
4			2483.500	49.650	18.762	-4.350	54.000	30.888	AV
5			2490.785	49.844	18.961	-4.156	54.000	30.883	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2417MHz	

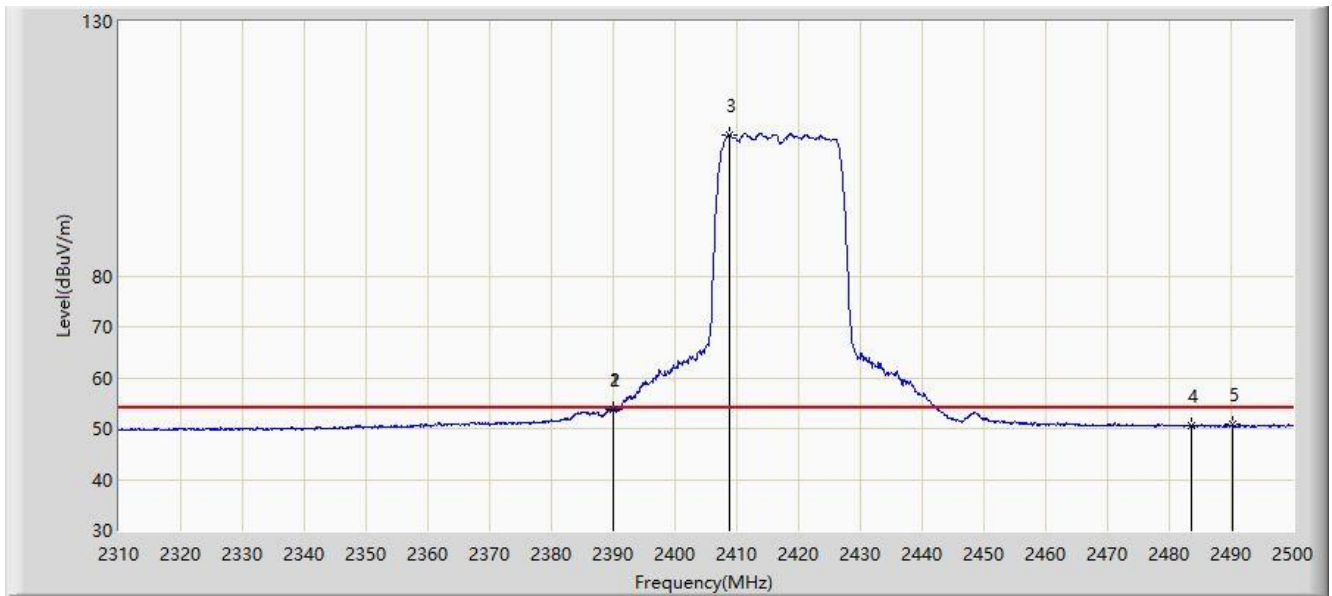


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.470	70.024	39.115	-3.976	74.000	30.909	PK
2			2390.000	67.867	36.961	-6.133	74.000	30.906	PK
3		*	2414.025	119.716	88.826	NA	NA	30.890	PK
4			2483.500	60.967	30.079	-13.033	74.000	30.888	PK
5			2490.405	62.473	31.590	-11.527	74.000	30.883	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2417MHz	

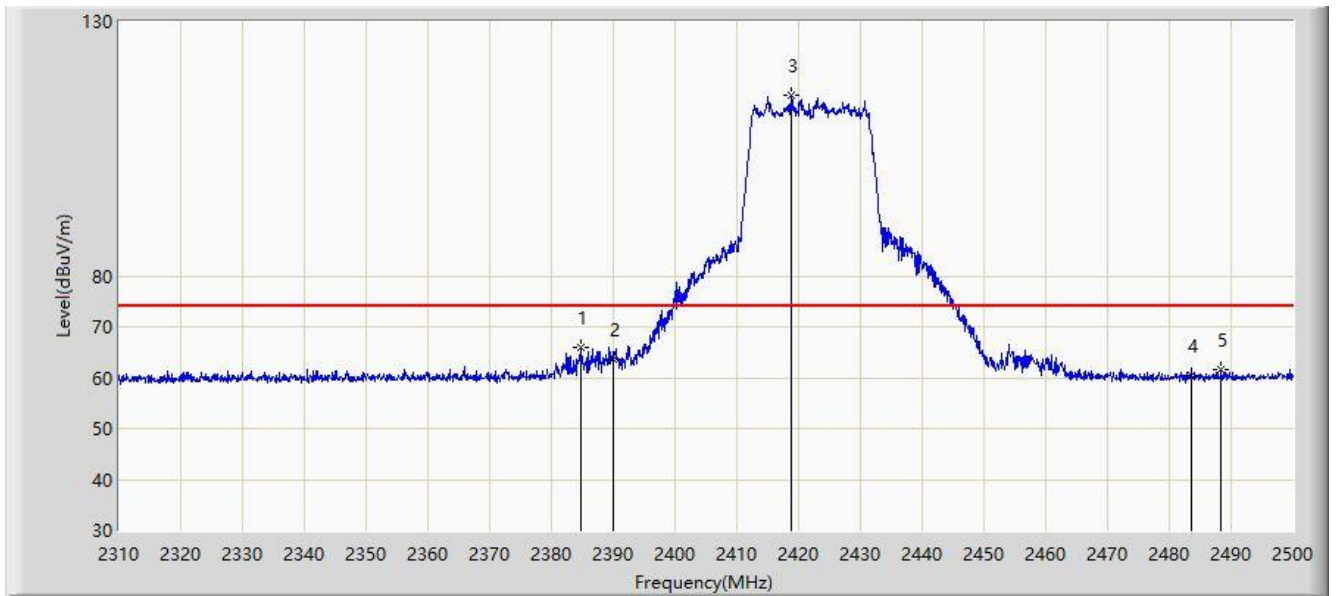


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.895	53.802	22.896	-0.198	54.000	30.906	AV
2			2390.000	53.715	22.809	-0.285	54.000	30.906	AV
3		*	2408.705	107.813	76.917	NA	NA	30.897	AV
4			2483.500	50.545	19.657	-3.455	54.000	30.888	AV
5			2490.120	50.749	19.866	-3.251	54.000	30.883	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2422MHz	

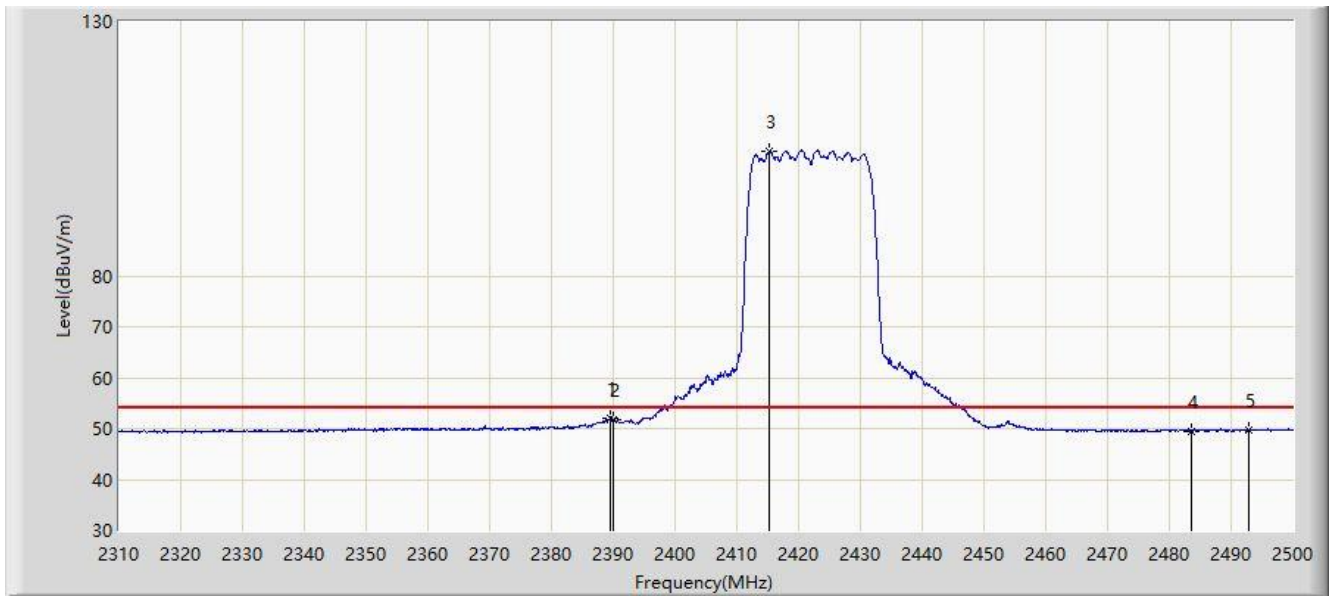


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.670	65.889	34.971	-8.111	74.000	30.918	PK
2			2390.000	63.608	32.702	-10.392	74.000	30.906	PK
3		*	2418.870	115.415	84.534	NA	NA	30.881	PK
4			2483.500	60.438	29.550	-13.562	74.000	30.888	PK
5			2488.315	61.679	30.794	-12.321	74.000	30.885	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2422MHz	

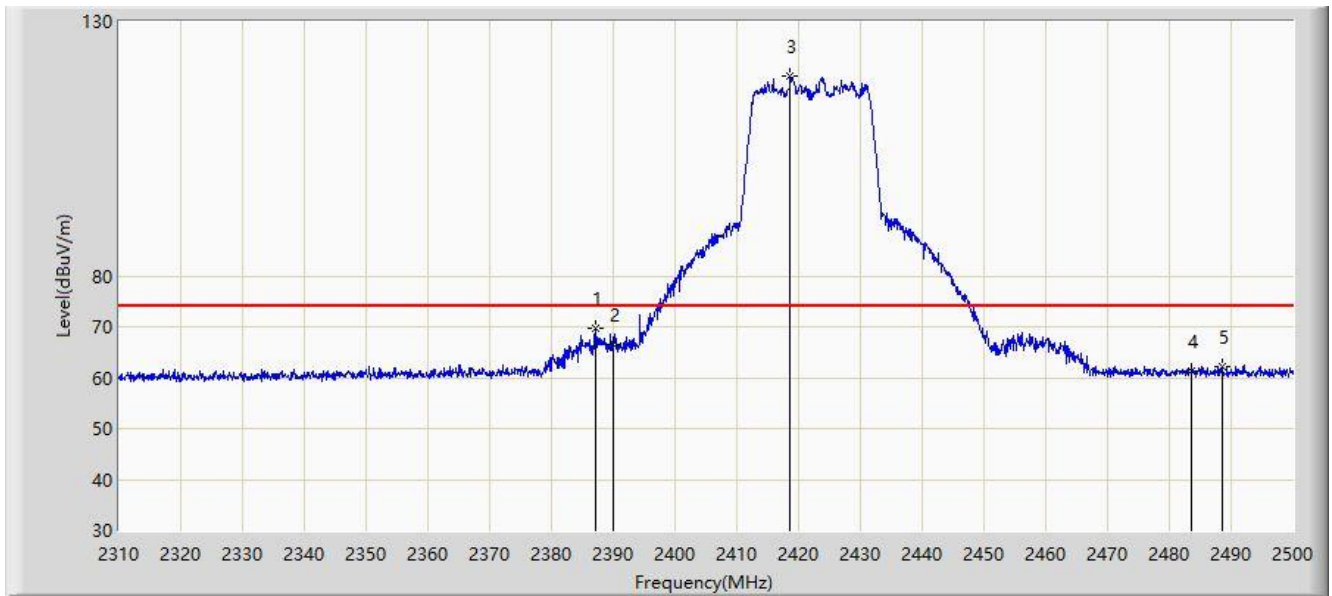


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.420	51.924	21.017	-2.076	54.000	30.907	AV
2			2390.000	51.758	20.852	-2.242	54.000	30.906	AV
3		*	2415.355	104.421	73.533	NA	NA	30.888	AV
4			2483.500	49.531	18.643	-4.469	54.000	30.888	AV
5			2492.780	49.817	18.936	-4.183	54.000	30.881	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2422MHz	

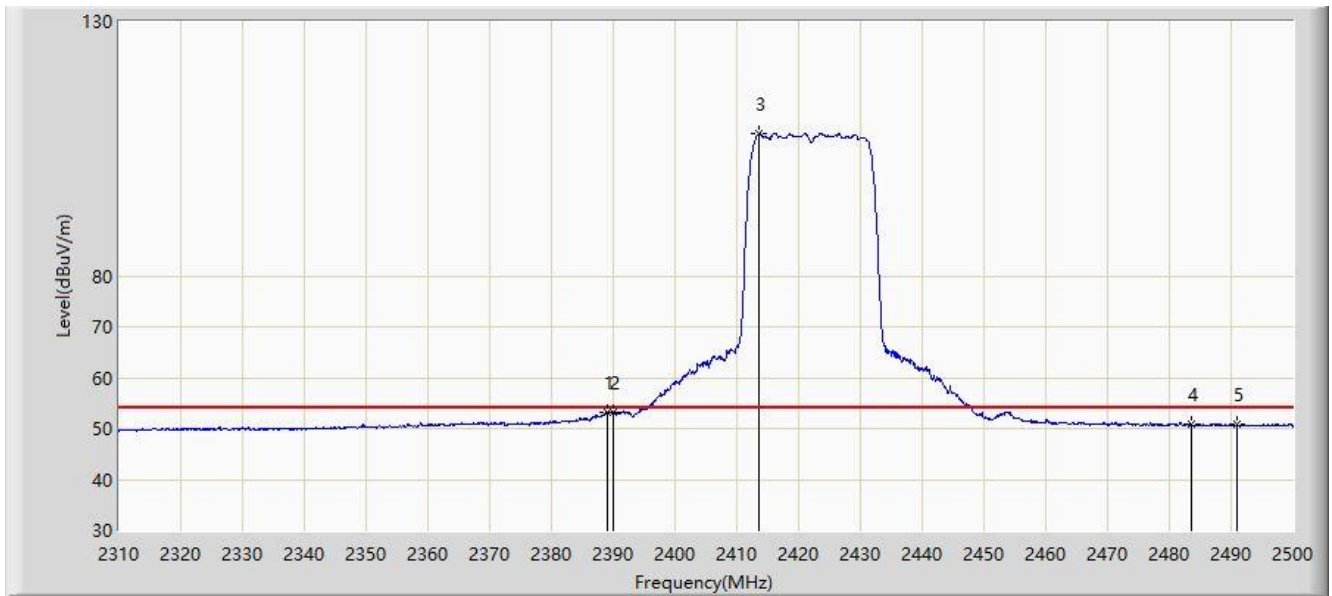


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.235	69.669	38.757	-4.331	74.000	30.912	PK
2			2390.000	66.438	35.532	-7.562	74.000	30.906	PK
3		*	2418.680	119.360	88.478	NA	NA	30.881	PK
4			2483.500	61.406	30.518	-12.594	74.000	30.888	PK
5			2488.505	62.265	31.380	-11.735	74.000	30.885	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2422MHz	

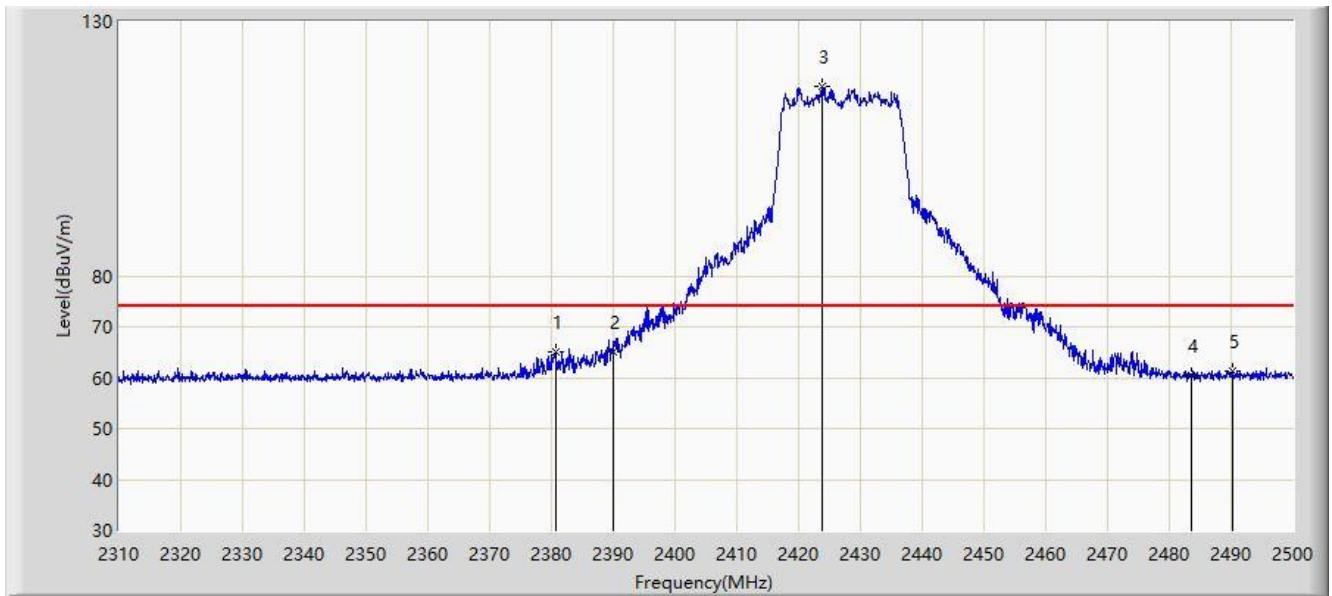


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.135	53.178	22.270	-0.822	54.000	30.908	AV
2			2390.000	53.242	22.336	-0.758	54.000	30.906	AV
3		*	2413.645	107.878	76.987	NA	NA	30.891	AV
4			2483.500	50.834	19.946	-3.166	54.000	30.888	AV
5			2490.880	50.726	19.843	-3.274	54.000	30.883	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2427MHz	

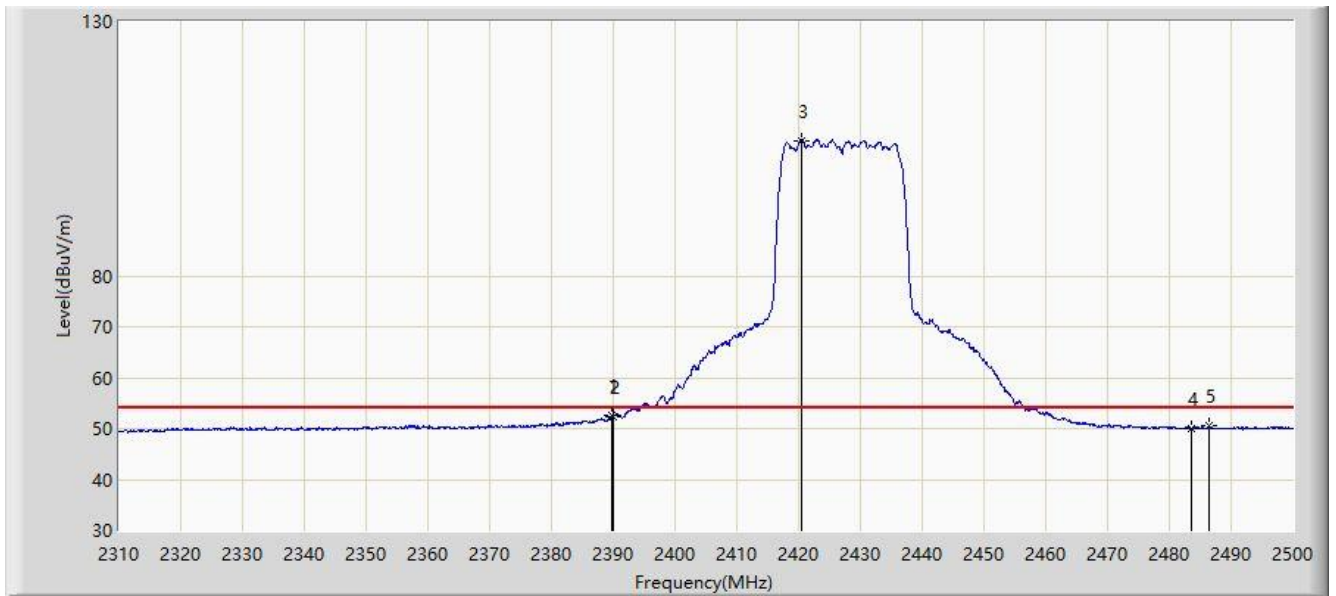


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.680	65.200	34.272	-8.800	74.000	30.928	PK
2			2390.000	65.060	34.154	-8.940	74.000	30.906	PK
3		*	2423.715	117.149	86.277	NA	NA	30.872	PK
4			2483.500	60.392	29.504	-13.608	74.000	30.888	PK
5			2490.310	61.380	30.497	-12.620	74.000	30.883	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2427MHz	

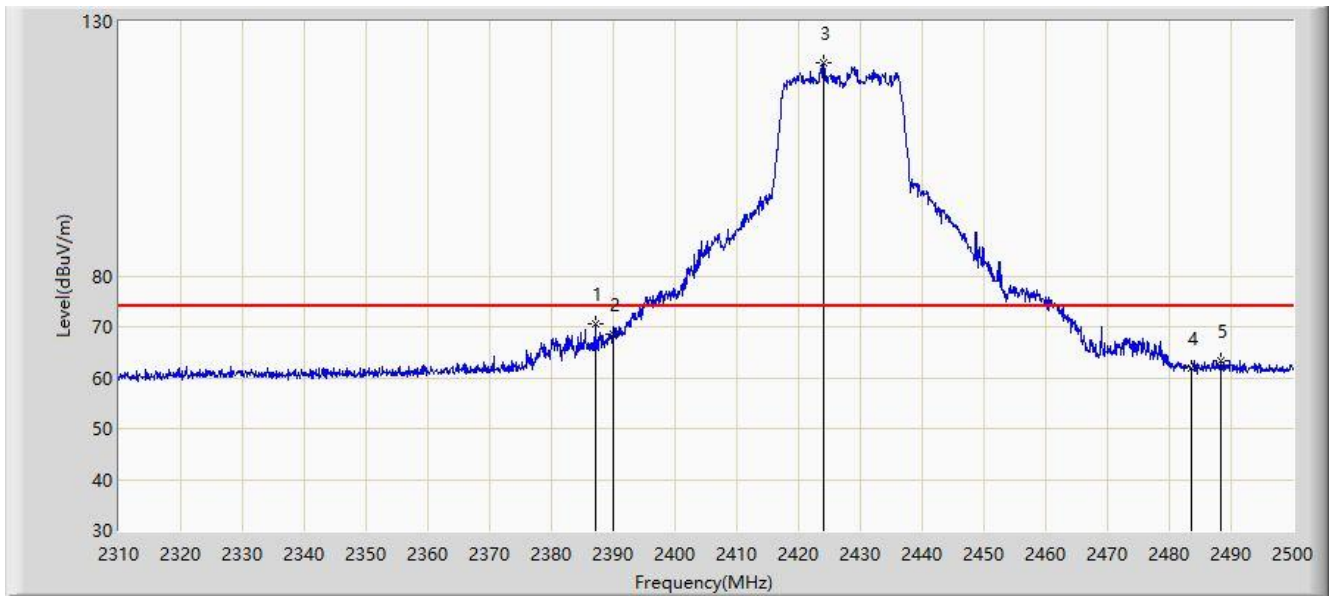


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.705	52.698	21.791	-1.302	54.000	30.907	AV
2			2390.000	52.309	21.403	-1.691	54.000	30.906	AV
3		*	2420.390	106.622	75.744	NA	NA	30.879	AV
4			2483.500	50.124	19.236	-3.876	54.000	30.888	AV
5			2486.320	50.444	19.558	-3.556	54.000	30.886	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2427MHz	

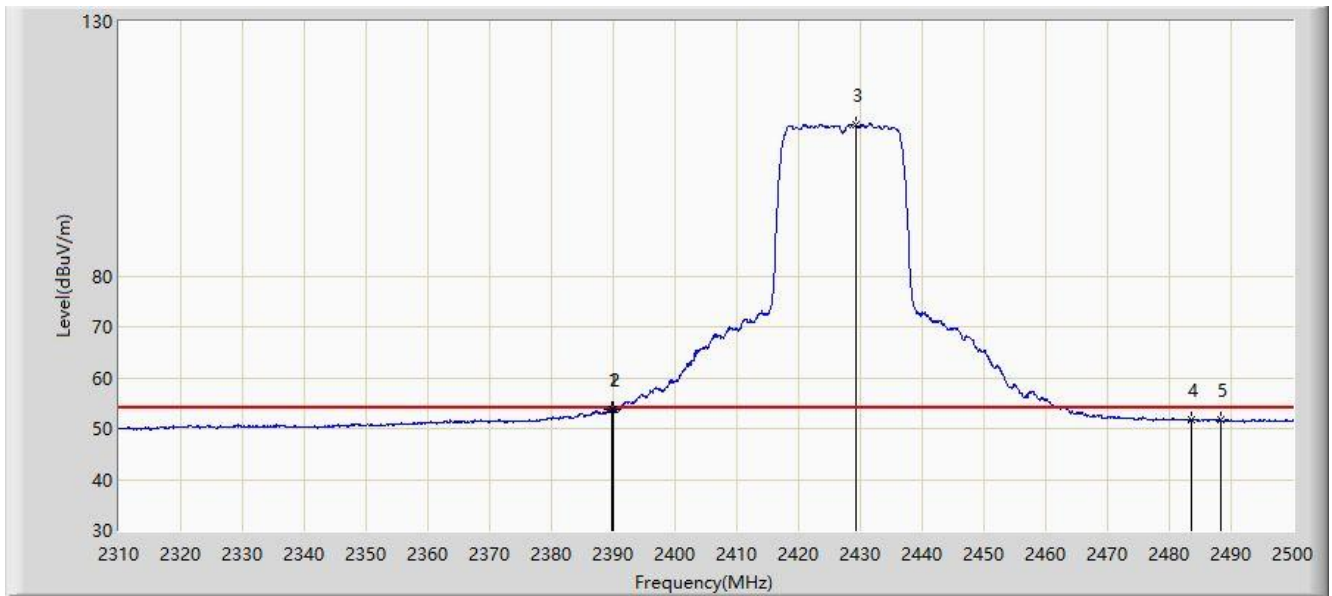


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.045	70.649	39.736	-3.351	74.000	30.912	PK
2			2390.000	68.558	37.652	-5.442	74.000	30.906	PK
3		*	2424.000	121.997	91.126	NA	NA	30.871	PK
4			2483.500	61.869	30.981	-12.131	74.000	30.888	PK
5			2488.410	63.410	32.525	-10.590	74.000	30.885	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2427MHz	

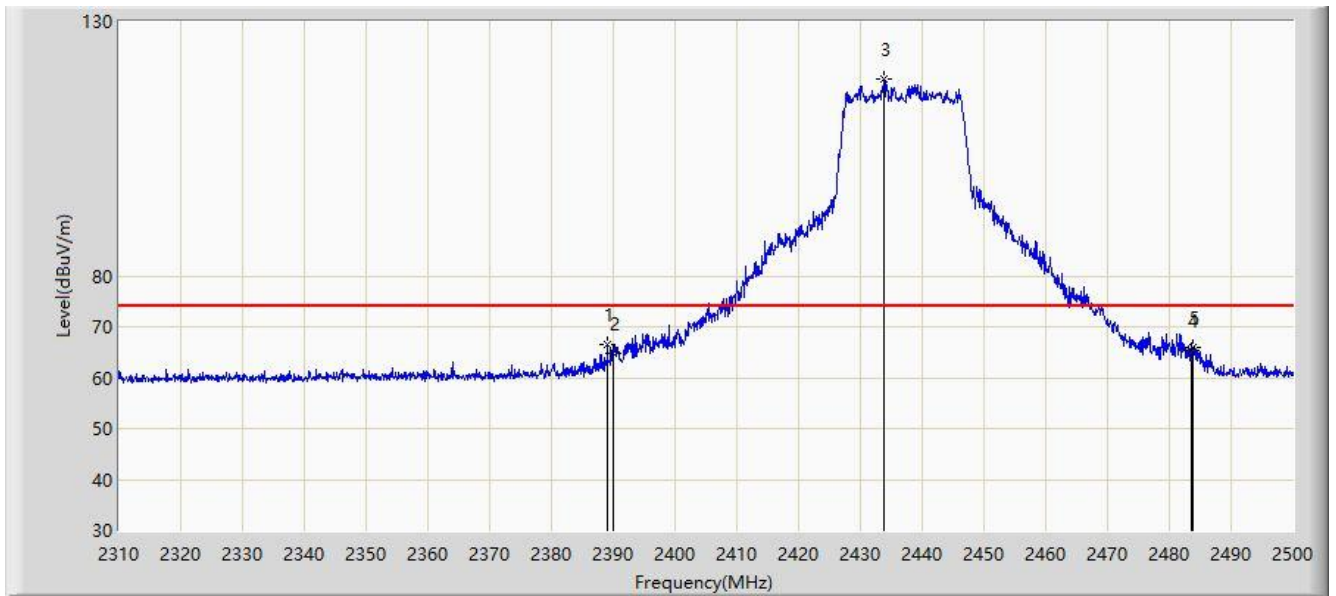


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	53.807	22.901	-0.193	54.000	30.906	AV
2			2390.000	53.749	22.843	-0.251	54.000	30.906	AV
3	X	*	2429.320	109.670	78.807	NA	NA	30.863	AV
4			2483.500	51.738	20.850	-2.262	54.000	30.888	AV
5			2488.220	51.715	20.830	-2.285	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2437MHz	

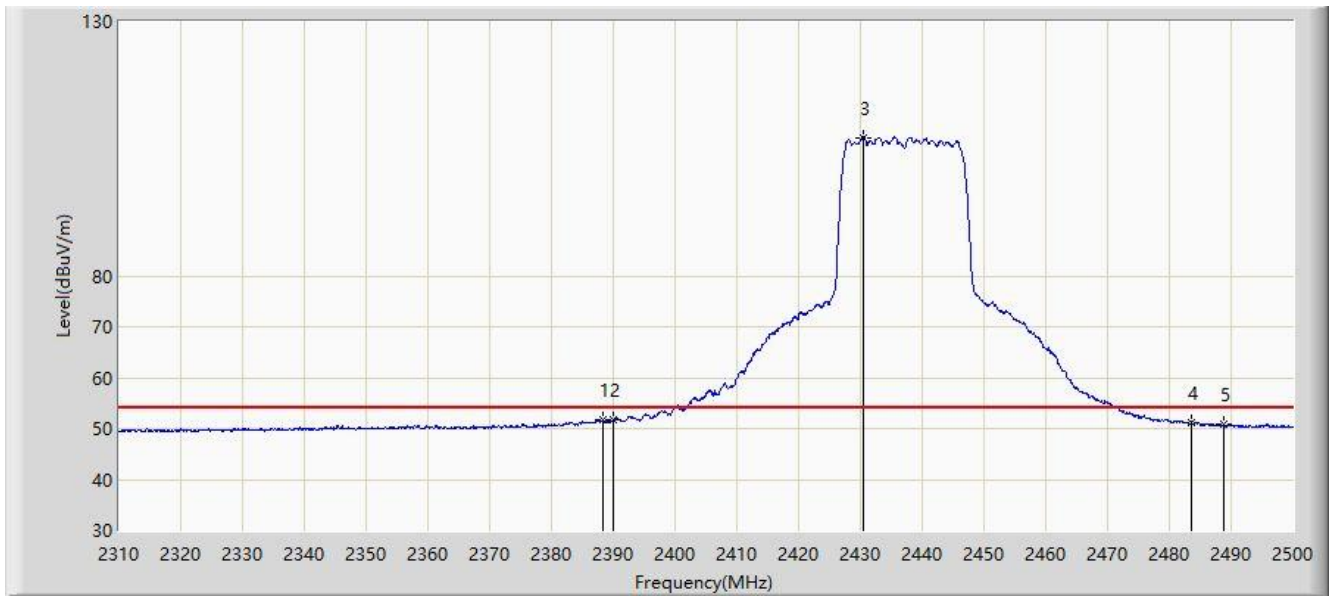


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.040	66.488	35.580	-7.512	74.000	30.909	PK
2			2390.000	64.917	34.011	-9.083	74.000	30.906	PK
3		*	2433.880	118.724	87.865	NA	NA	30.859	PK
4			2483.500	65.259	34.371	-8.741	74.000	30.888	PK
5			2483.755	66.016	35.128	-7.984	74.000	30.888	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2437MHz	

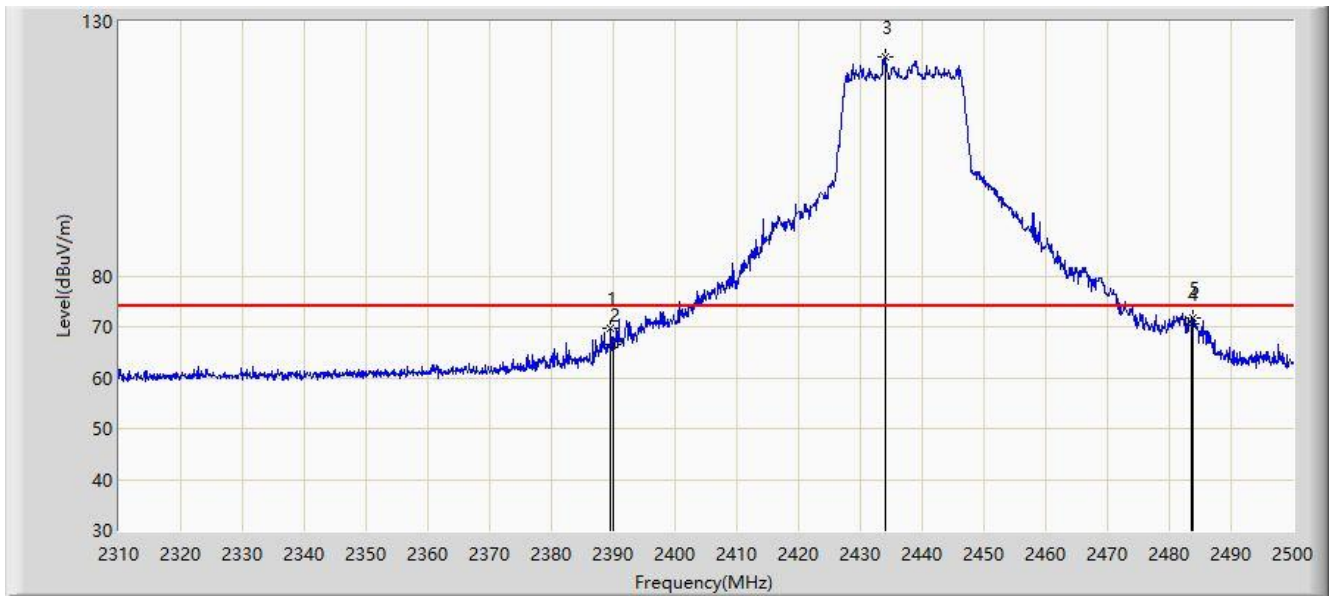


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.375	51.744	20.834	-2.256	54.000	30.910	AV
2			2390.000	51.706	20.800	-2.294	54.000	30.906	AV
3		*	2430.365	107.190	76.328	NA	NA	30.862	AV
4			2483.500	51.259	20.371	-2.741	54.000	30.888	AV
5			2488.790	50.738	19.854	-3.262	54.000	30.884	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2437MHz	

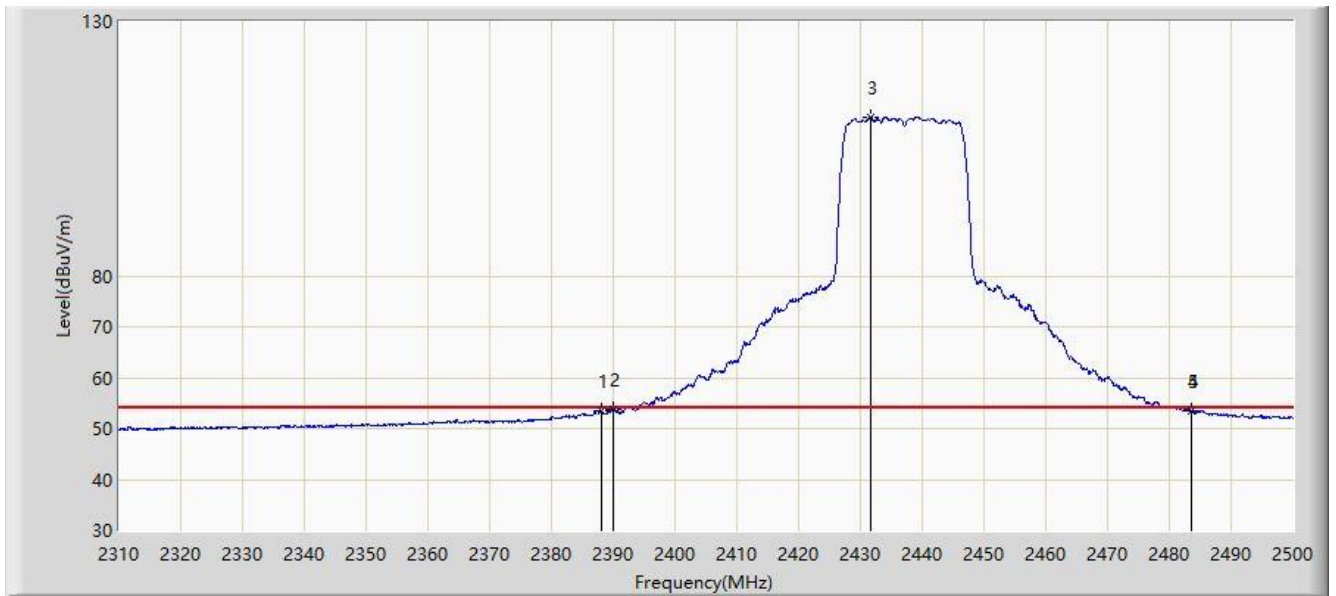


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.515	69.731	38.824	-4.269	74.000	30.907	PK
2			2390.000	66.407	35.501	-7.593	74.000	30.906	PK
3		*	2433.975	122.969	92.110	NA	NA	30.859	PK
4			2483.500	70.485	39.597	-3.515	74.000	30.888	PK
5			2483.850	71.666	40.778	-2.334	74.000	30.888	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2437MHz	

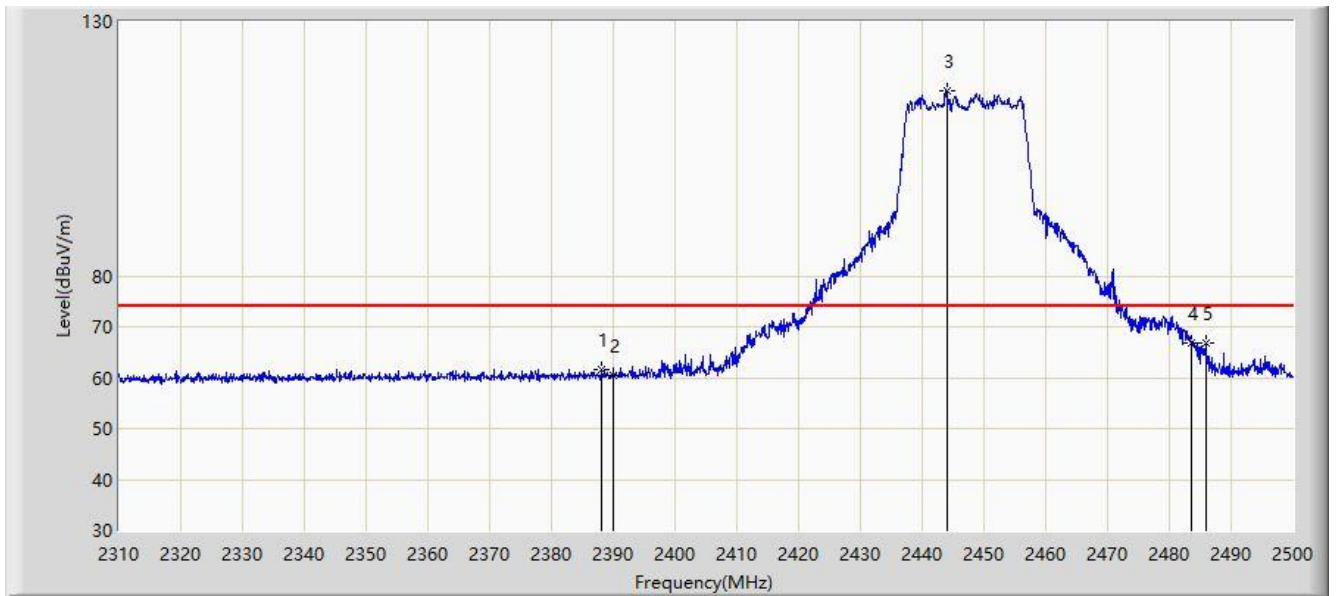


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	53.505	22.594	-0.495	54.000	30.911	AV
2			2390.000	53.671	22.765	-0.329	54.000	30.906	AV
3	X	*	2431.600	111.246	80.385	NA	NA	30.861	AV
4			2483.500	53.499	22.611	-0.501	54.000	30.888	AV
5			2483.565	53.554	22.666	-0.446	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2447MHz	

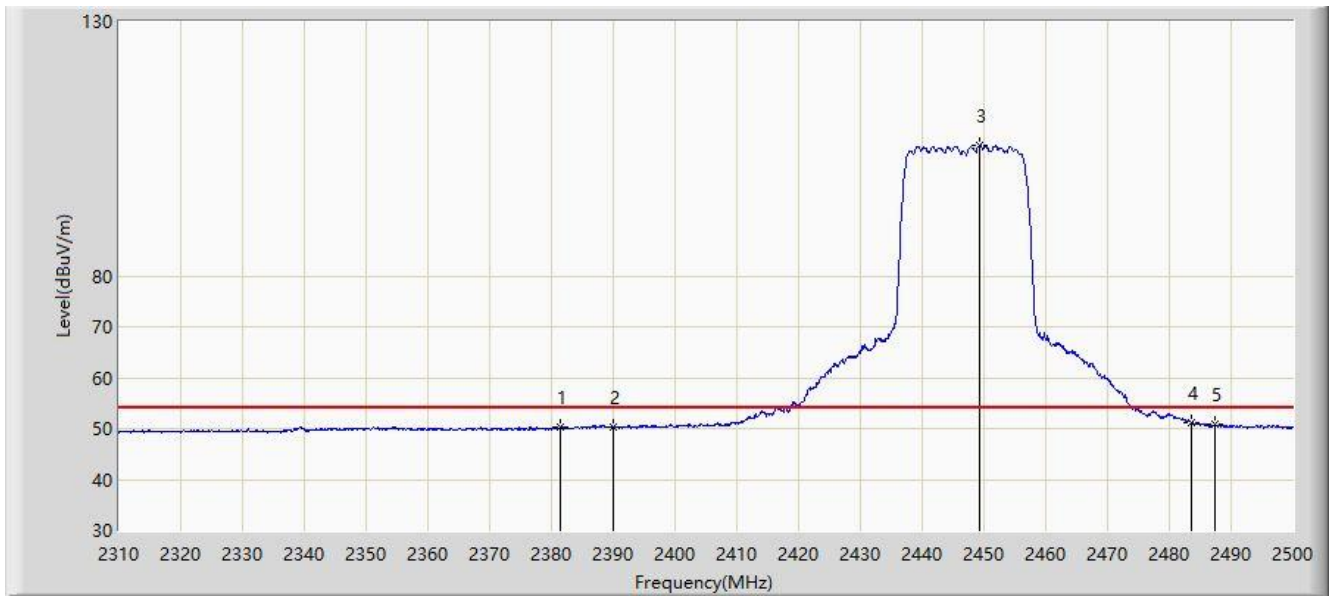


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.090	61.542	30.632	-12.458	74.000	30.910	PK
2			2390.000	60.524	29.618	-13.476	74.000	30.906	PK
3		*	2443.950	116.500	85.648	NA	NA	30.851	PK
4			2483.500	66.949	36.061	-7.051	74.000	30.888	PK
5			2485.845	66.676	35.790	-7.324	74.000	30.886	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2447MHz	

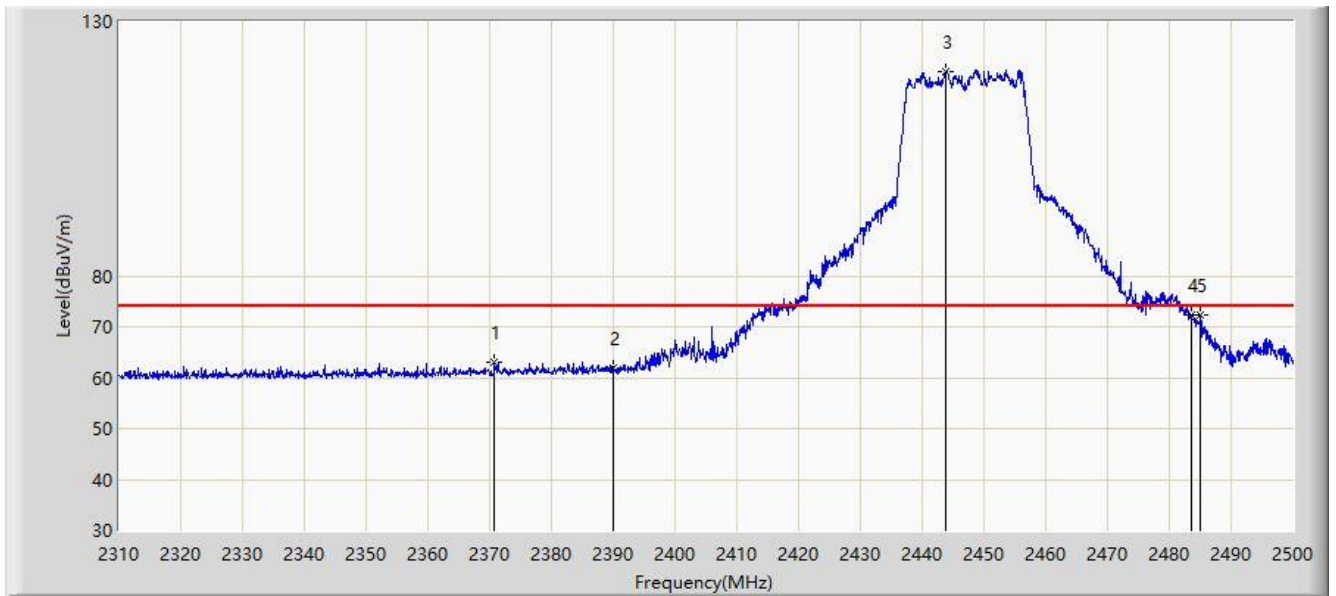


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.440	50.354	19.428	-3.646	54.000	30.926	AV
2			2390.000	50.253	19.347	-3.747	54.000	30.906	AV
3		*	2449.365	105.637	74.786	NA	NA	30.850	AV
4			2483.500	51.182	20.294	-2.818	54.000	30.888	AV
5			2487.460	50.808	19.923	-3.192	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2447MHz	

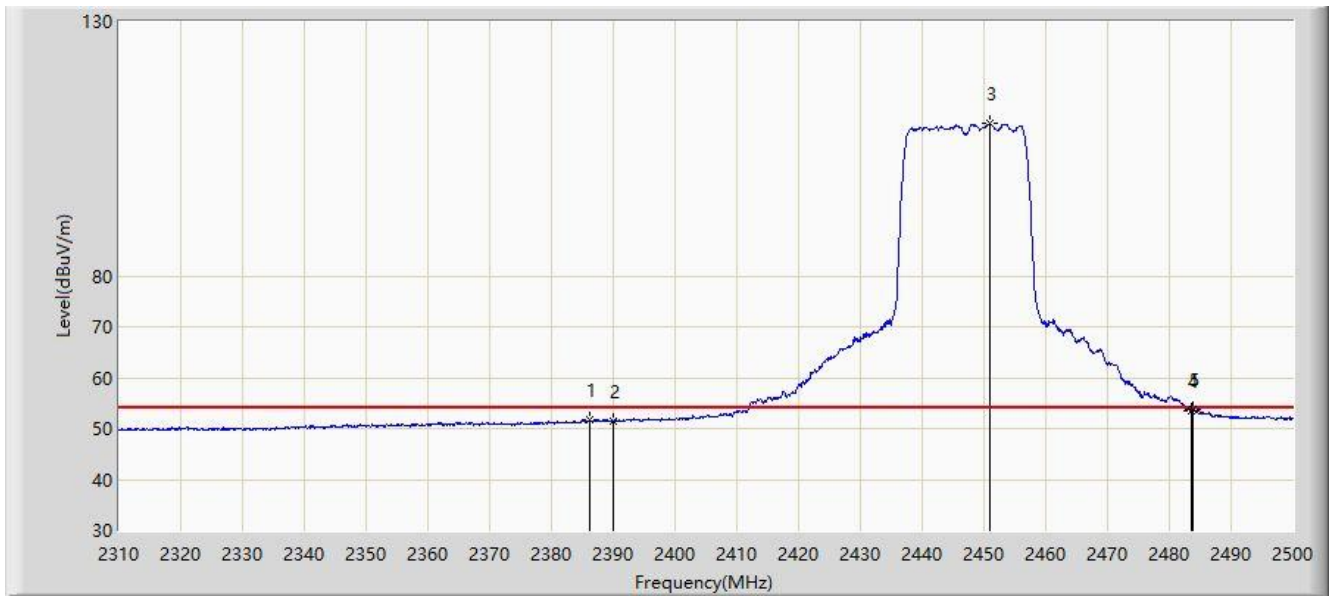


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.800	63.173	32.222	-10.827	74.000	30.951	PK
2			2390.000	61.898	30.992	-12.102	74.000	30.906	PK
3		*	2443.760	120.260	89.408	NA	NA	30.852	PK
4			2483.500	72.346	41.458	-1.654	74.000	30.888	PK
5			2485.085	72.290	41.403	-1.710	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2447MHz	

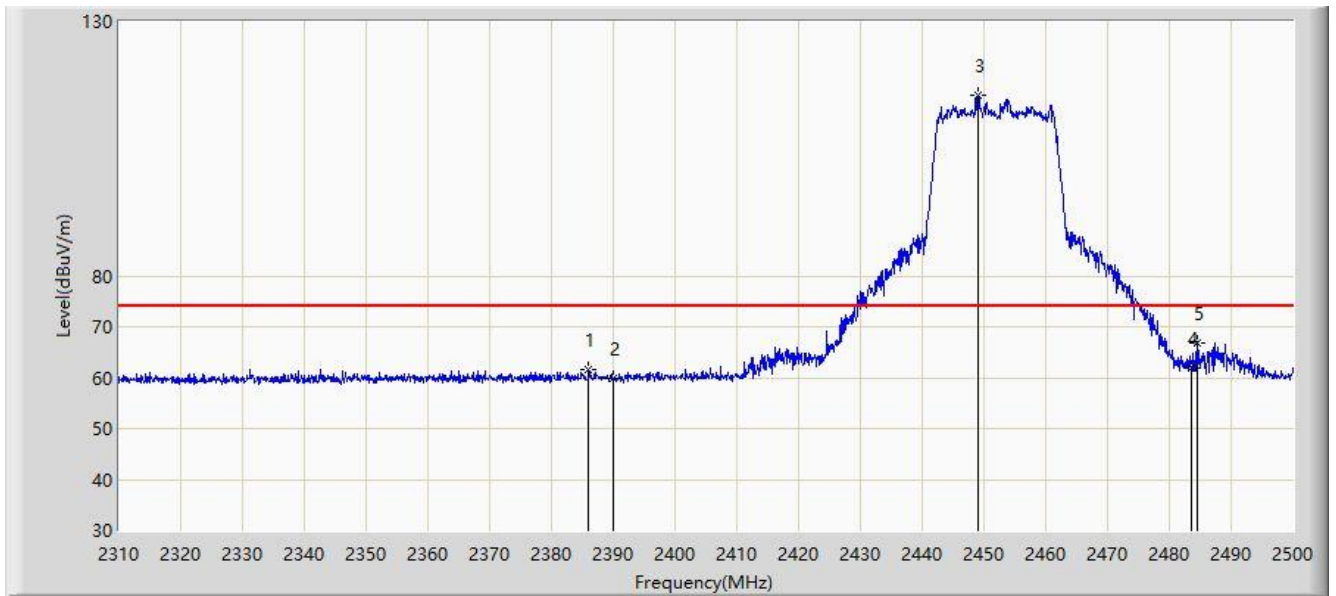


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.190	51.755	20.840	-2.245	54.000	30.915	AV
2			2390.000	51.533	20.627	-2.467	54.000	30.906	AV
3	X	*	2450.885	110.007	79.157	NA	NA	30.851	AV
4			2483.500	53.581	22.693	-0.419	54.000	30.888	AV
5			2483.755	53.830	22.942	-0.170	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2452MHz	

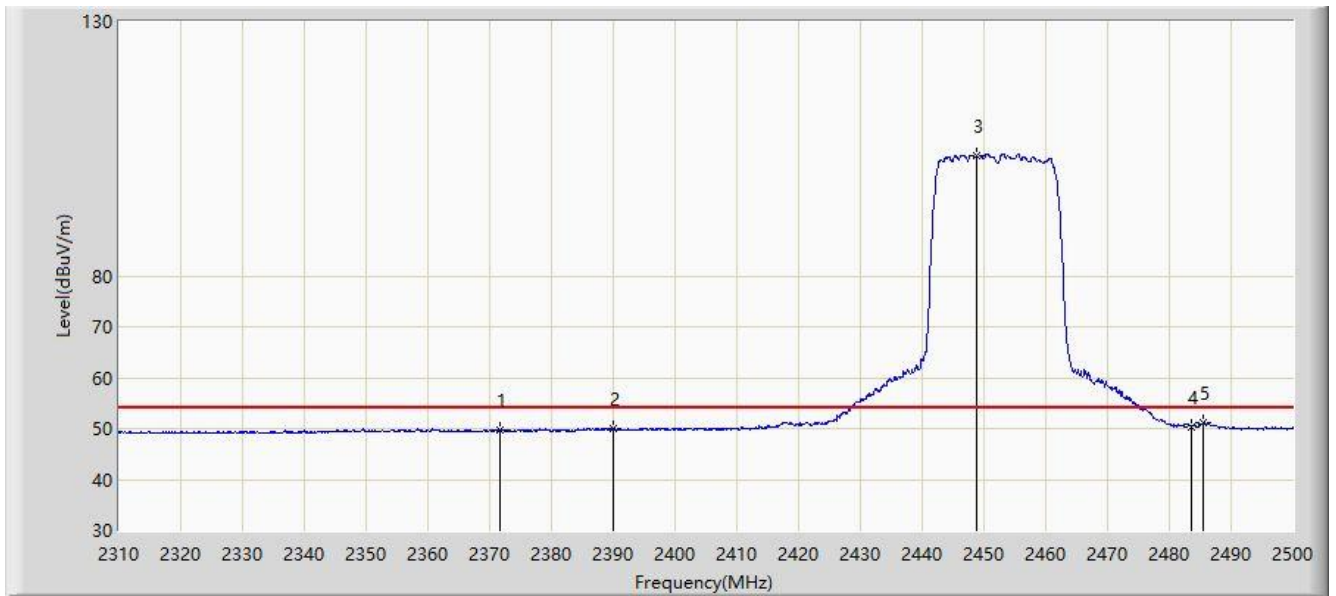


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.000	61.473	30.558	-12.527	74.000	30.916	PK
2			2390.000	59.840	28.934	-14.160	74.000	30.906	PK
3		*	2448.985	115.500	84.649	NA	NA	30.851	PK
4			2483.500	61.927	31.039	-12.073	74.000	30.888	PK
5			2484.515	66.817	35.930	-7.183	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2452MHz	

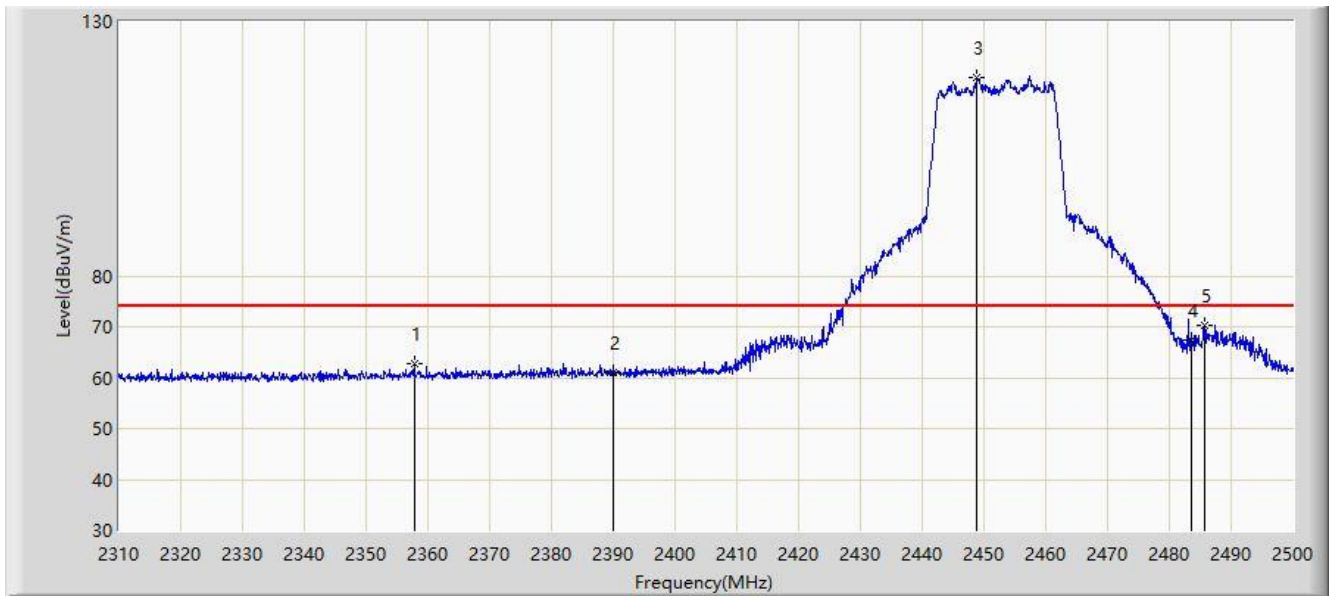


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.560	49.781	18.832	-4.219	54.000	30.950	AV
2			2390.000	49.920	19.014	-4.080	54.000	30.906	AV
3		*	2448.890	103.763	72.912	NA	NA	30.851	AV
4			2483.500	50.431	19.543	-3.569	54.000	30.888	AV
5			2485.465	51.039	20.152	-2.961	54.000	30.887	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2452MHz	

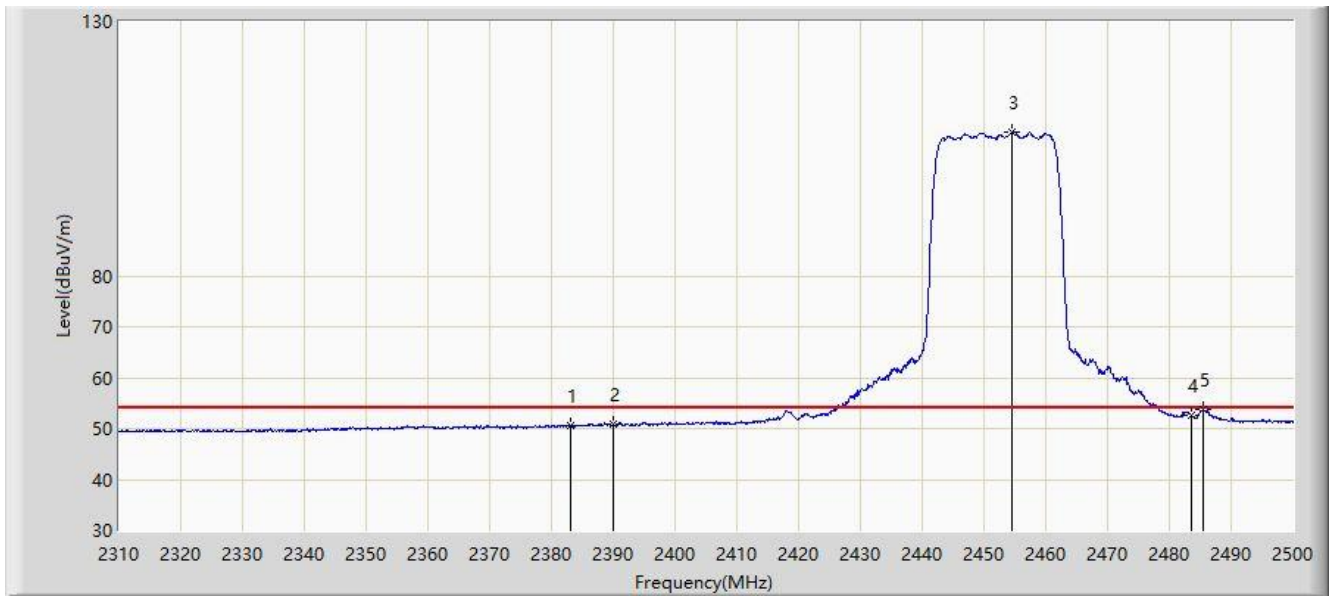


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2357.785	62.786	31.805	-11.214	74.000	30.982	PK
2			2390.000	61.023	30.117	-12.977	74.000	30.906	PK
3		*	2448.890	119.127	88.276	NA	NA	30.851	PK
4			2483.500	67.295	36.407	-6.705	74.000	30.888	PK
5			2485.655	70.175	39.288	-3.825	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaó
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2452MHz	

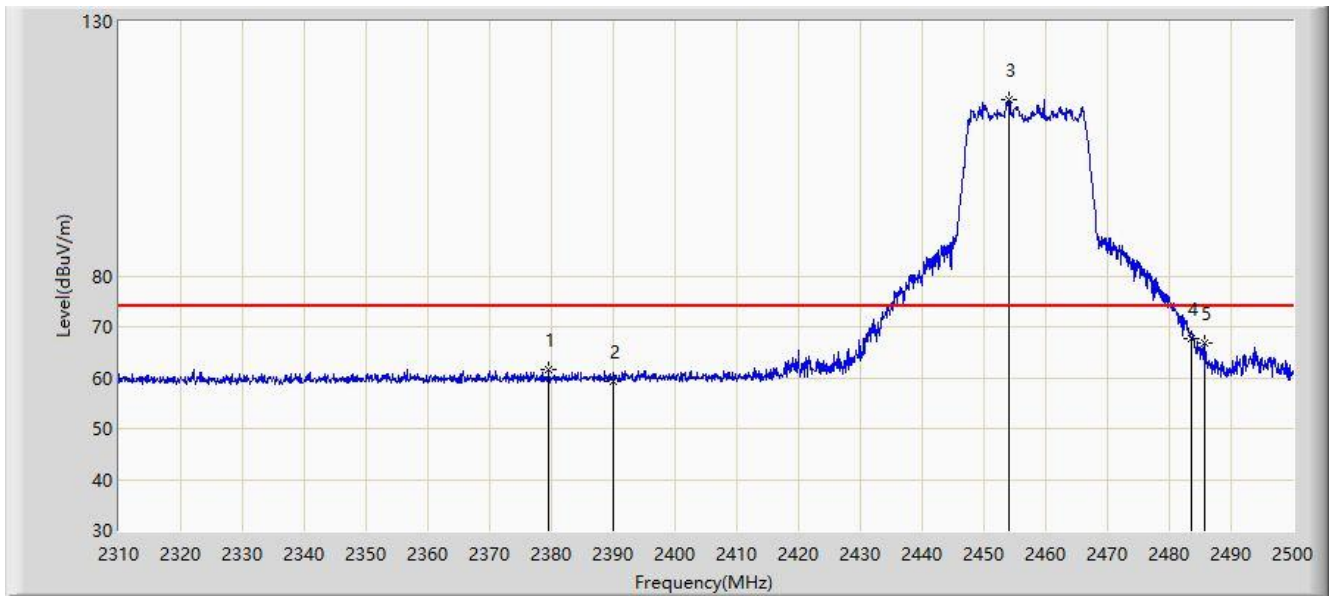


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.150	50.670	19.748	-3.330	54.000	30.922	AV
2			2390.000	50.879	19.973	-3.121	54.000	30.906	AV
3	X	*	2454.495	108.131	77.281	NA	NA	30.850	AV
4			2483.500	52.604	21.716	-1.396	54.000	30.888	AV
5			2485.560	53.651	22.764	-0.349	54.000	30.887	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2457MHz	

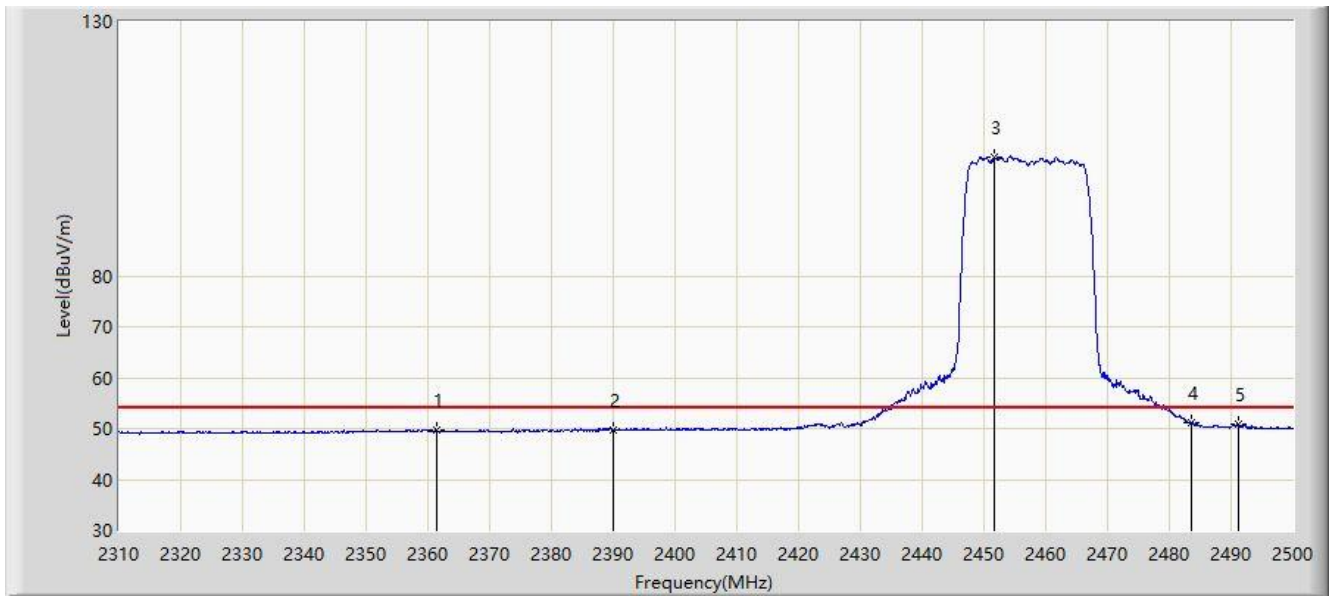


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.635	61.529	30.599	-12.471	74.000	30.930	PK
2			2390.000	59.260	28.354	-14.740	74.000	30.906	PK
3		*	2454.020	114.742	83.892	NA	NA	30.851	PK
4			2483.500	67.723	36.835	-6.277	74.000	30.888	PK
5			2485.655	66.702	35.815	-7.298	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2457MHz	

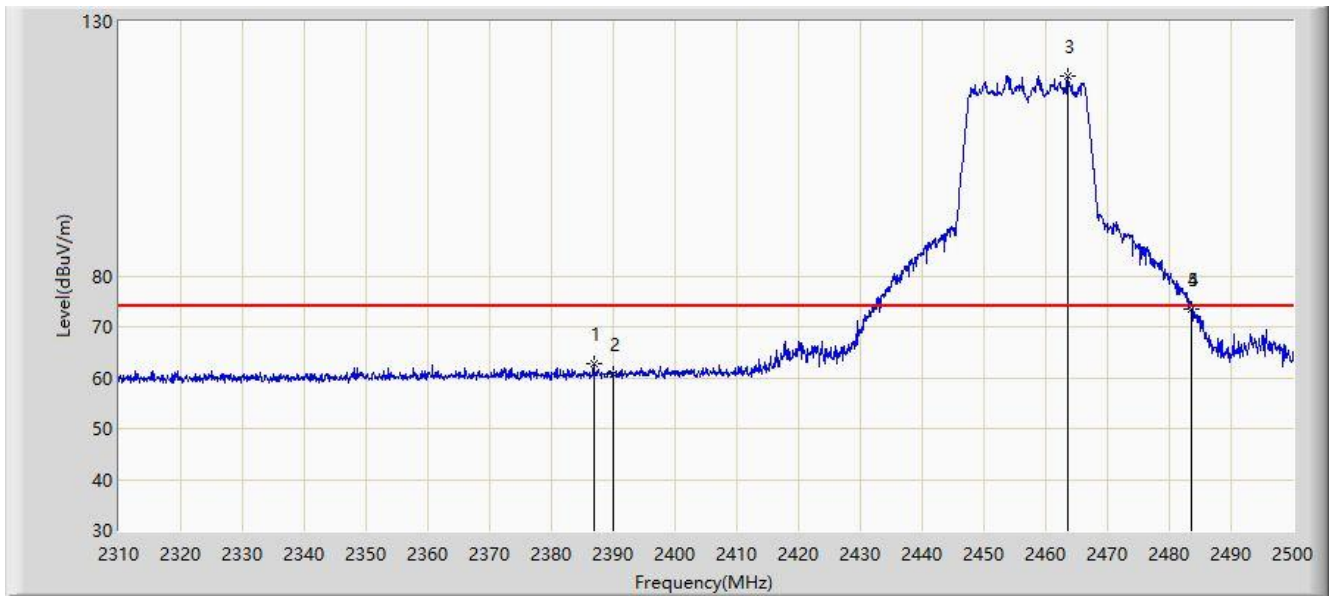


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2361.490	49.759	18.786	-4.241	54.000	30.973	AV
2			2390.000	49.801	18.895	-4.199	54.000	30.906	AV
3		*	2451.740	103.469	72.619	NA	NA	30.850	AV
4			2483.500	51.180	20.292	-2.820	54.000	30.888	AV
5			2491.165	50.970	20.087	-3.030	54.000	30.883	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2457MHz	

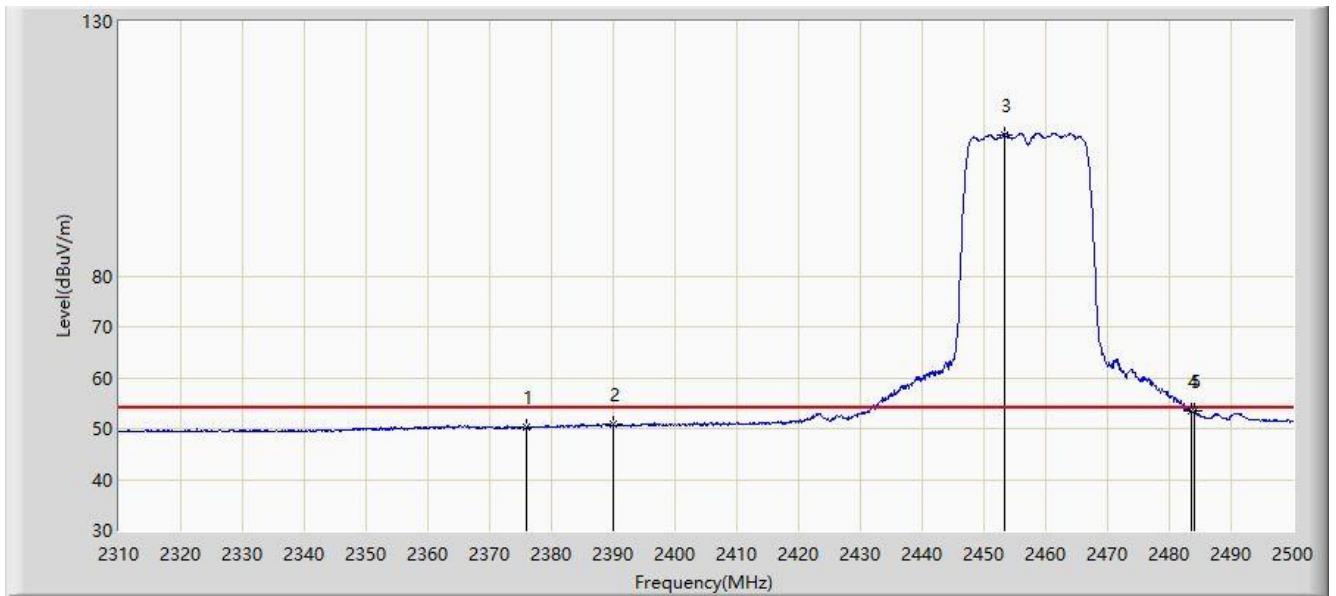


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.855	62.721	31.808	-11.279	74.000	30.913	PK
2			2390.000	60.769	29.863	-13.231	74.000	30.906	PK
3		*	2463.520	119.380	88.527	NA	NA	30.853	PK
4			2483.500	73.383	42.495	-0.617	74.000	30.888	PK
5			2483.565	73.591	42.703	-0.409	74.000	30.888	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2457MHz	

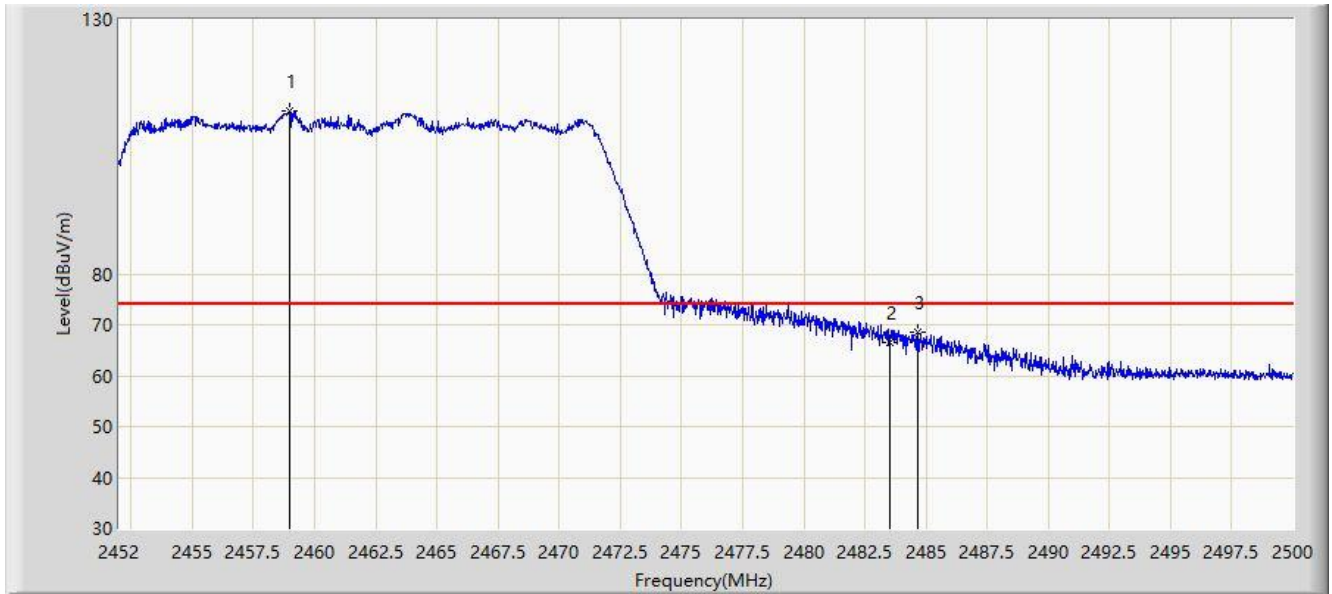


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2375.930	50.354	19.415	-3.646	54.000	30.939	AV
2			2390.000	50.752	19.846	-3.248	54.000	30.906	AV
3		*	2453.260	107.817	76.967	NA	NA	30.850	AV
4			2483.500	53.395	22.507	-0.605	54.000	30.888	AV
5			2483.945	53.378	22.490	-0.622	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2462MHz	

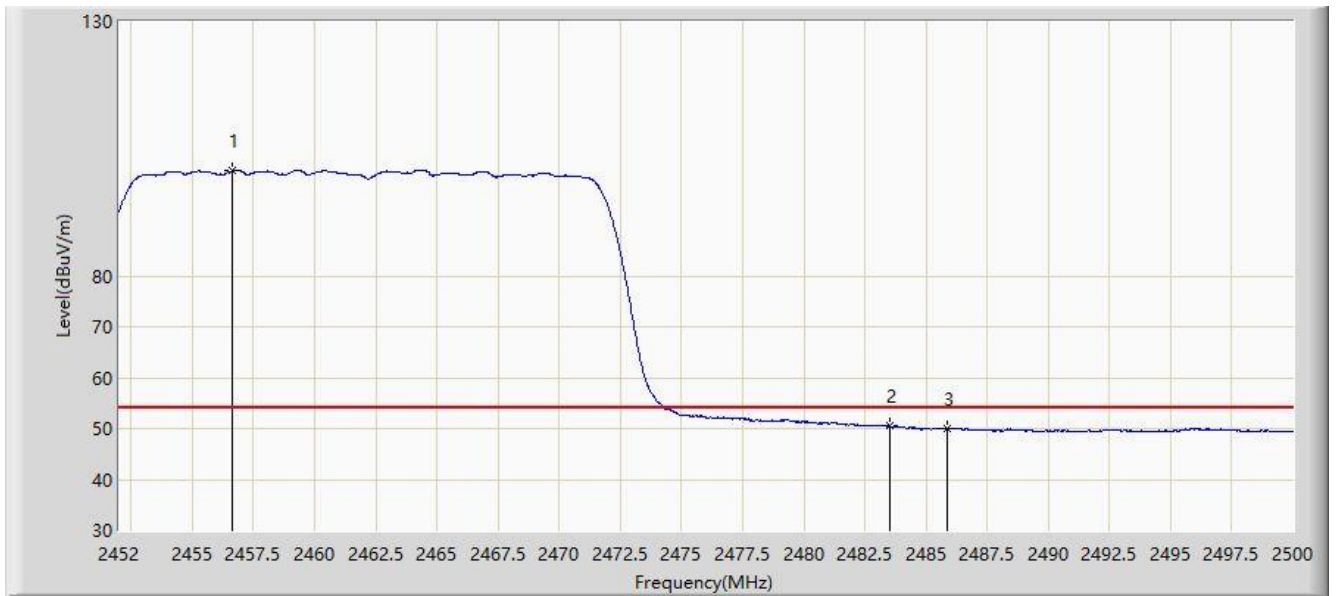


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.960	111.974	81.124	NA	NA	30.850	PK
2			2483.500	66.596	35.708	-7.404	74.000	30.888	PK
3			2484.640	68.432	37.545	-5.568	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2462MHz	

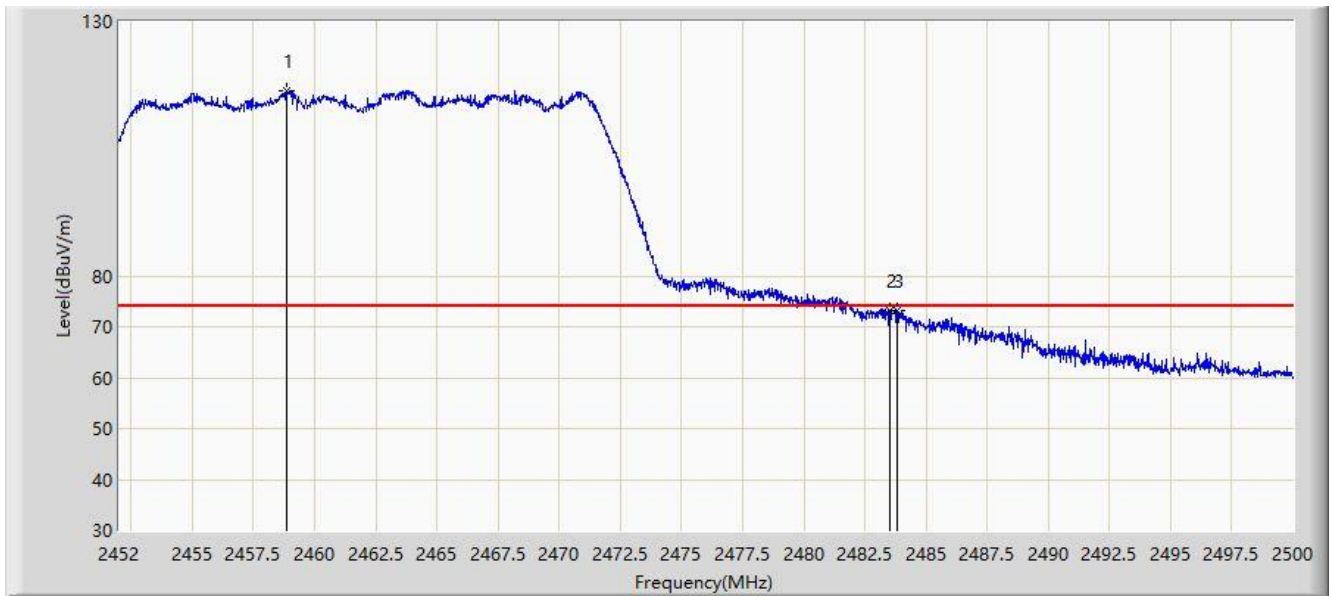


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2456.632	100.654	69.804	NA	NA	30.850	AV
2			2483.500	50.438	19.550	-3.562	54.000	30.888	AV
3			2485.864	49.941	19.055	-4.059	54.000	30.886	AV

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2462MHz	

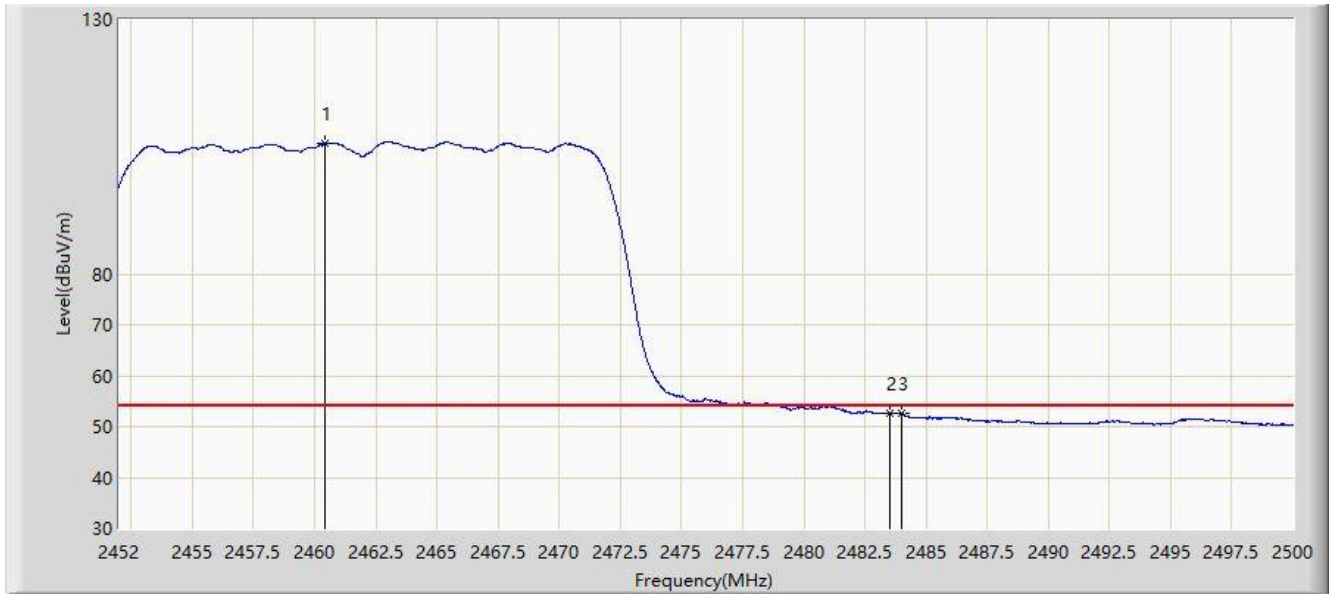


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.864	116.294	85.444	NA	NA	30.850	PK
2			2483.500	73.091	42.203	-0.909	74.000	30.888	PK
3			2483.848	73.292	42.404	-0.708	74.000	30.888	PK

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2462MHz	

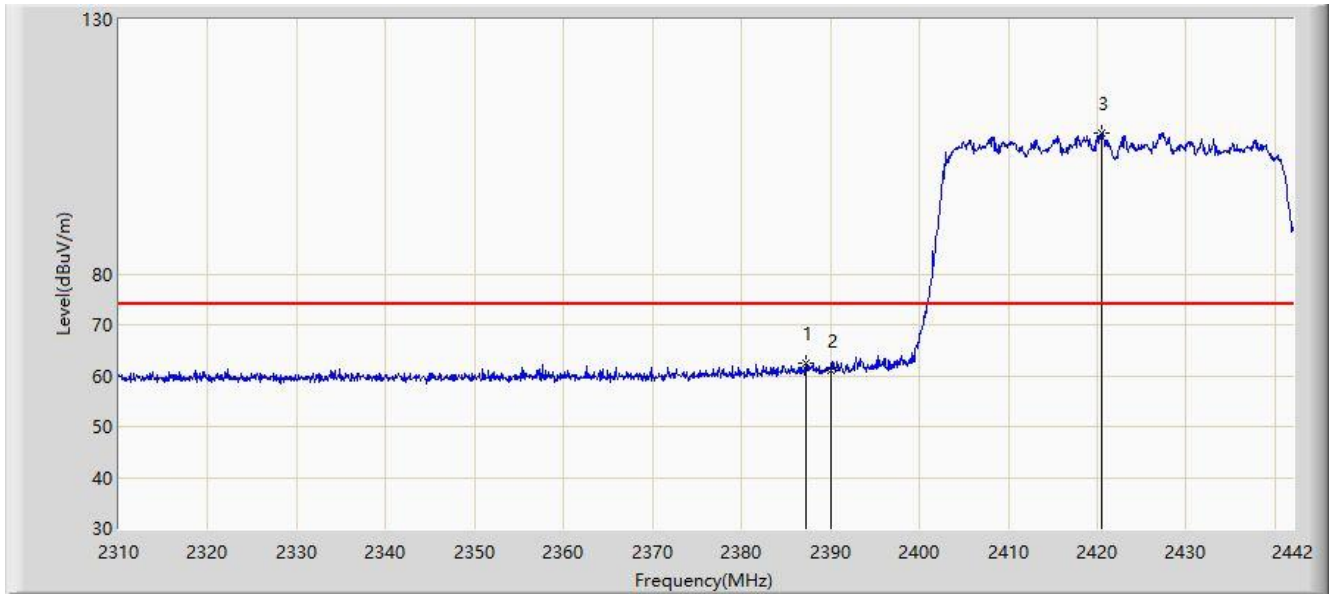


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2460.448	105.645	74.795	NA	NA	30.850	AV
2			2483.500	52.696	21.808	-1.304	54.000	30.888	AV
3			2483.992	52.577	21.689	-1.423	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

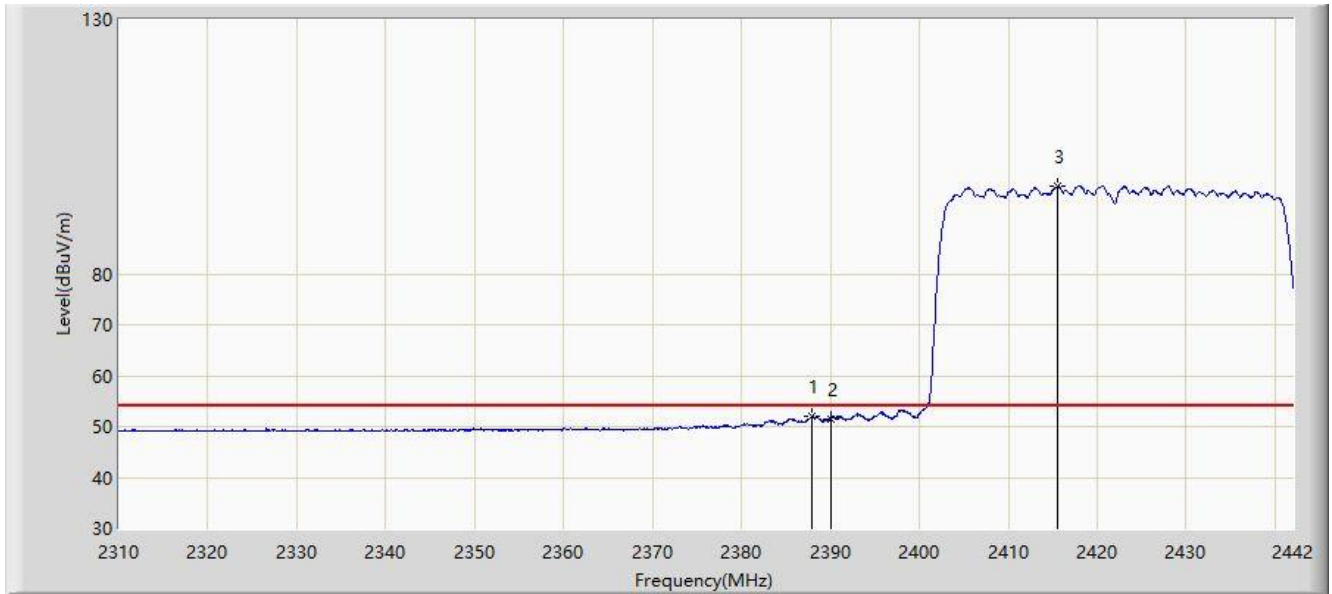


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.286	62.593	31.681	-11.407	74.000	30.913	PK
2			2390.000	61.077	30.171	-12.923	74.000	30.906	PK
3		*	2420.484	107.562	76.684	NA	NA	30.878	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

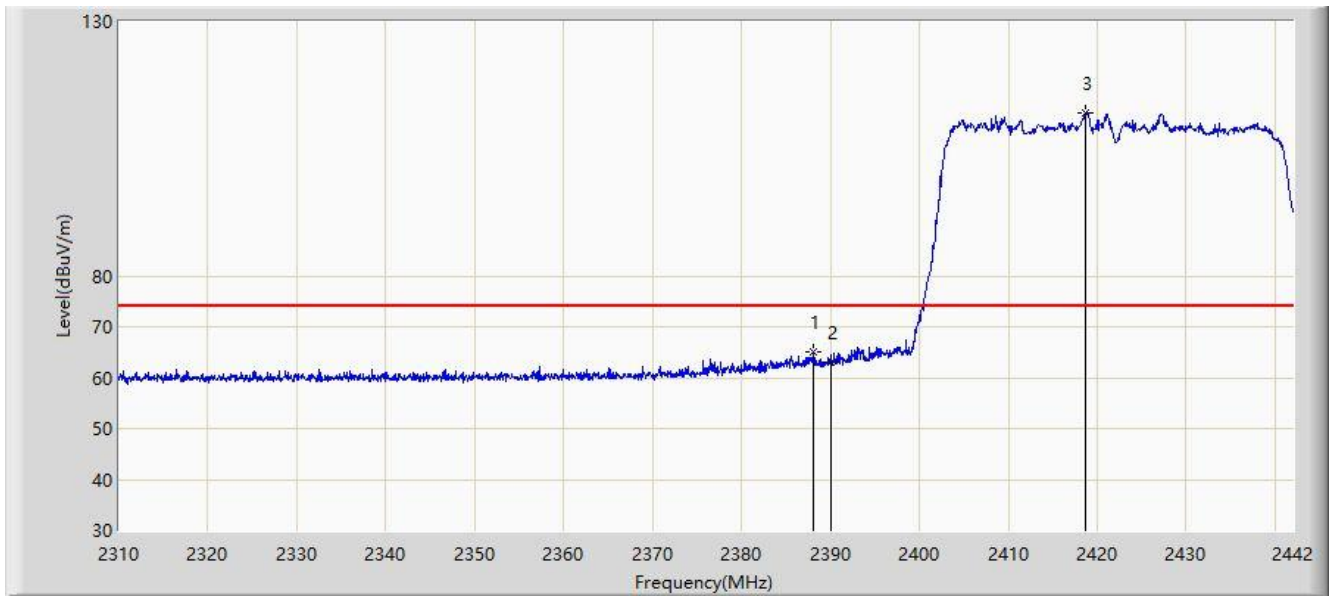


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.880	51.914	21.003	-2.086	54.000	30.911	AV
2			2390.000	51.462	20.556	-2.538	54.000	30.906	AV
3		*	2415.534	97.335	66.447	NA	NA	30.887	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

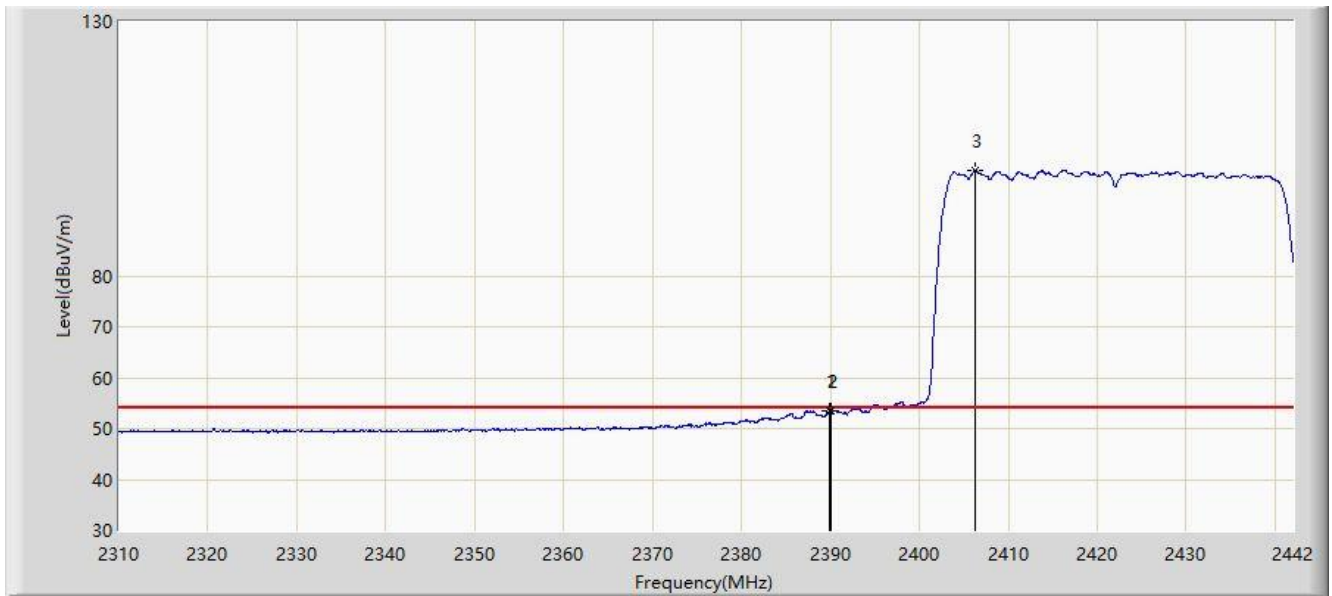


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.078	65.066	34.156	-8.934	74.000	30.910	PK
2			2390.000	62.987	32.081	-11.013	74.000	30.906	PK
3		*	2418.702	112.090	81.208	NA	NA	30.881	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

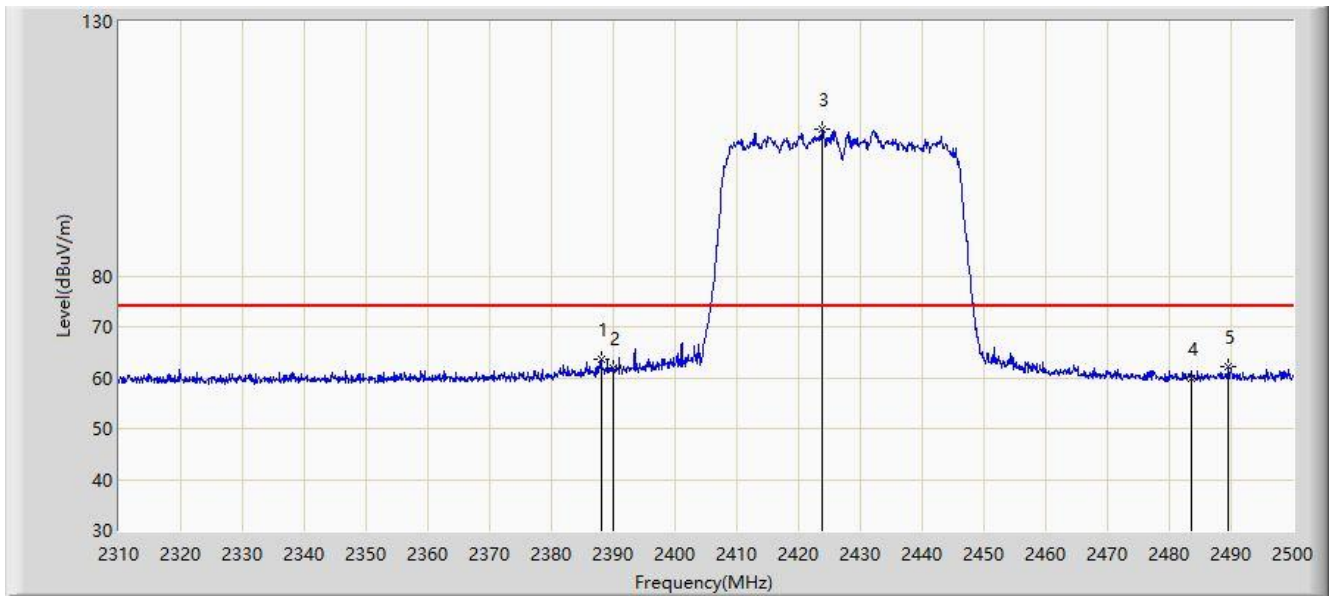


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.860	53.622	22.716	-0.378	54.000	30.906	AV
2			2390.000	53.372	22.466	-0.628	54.000	30.906	AV
3		*	2406.294	100.694	69.798	NA	NA	30.896	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2427MHz	

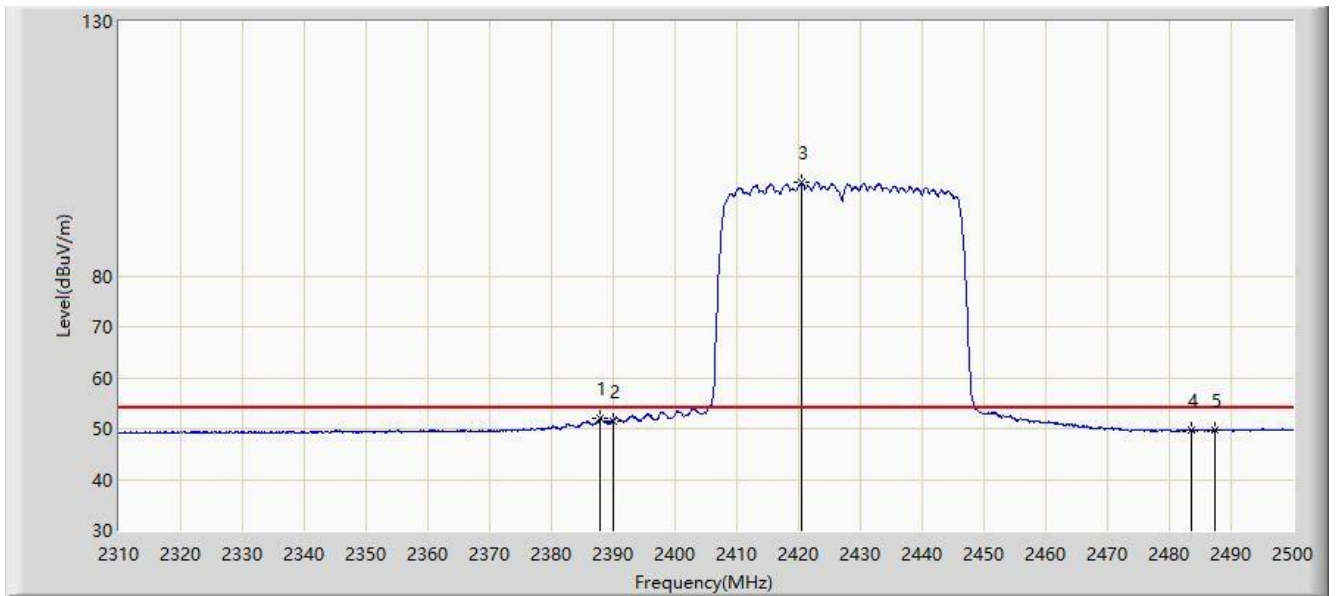


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	63.748	32.837	-10.252	74.000	30.911	PK
2			2390.000	61.746	30.840	-12.254	74.000	30.906	PK
3		*	2423.715	108.704	77.832	NA	NA	30.872	PK
4			2483.500	59.724	28.836	-14.276	74.000	30.888	PK
5			2489.550	62.046	31.162	-11.954	74.000	30.884	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2427MHz	

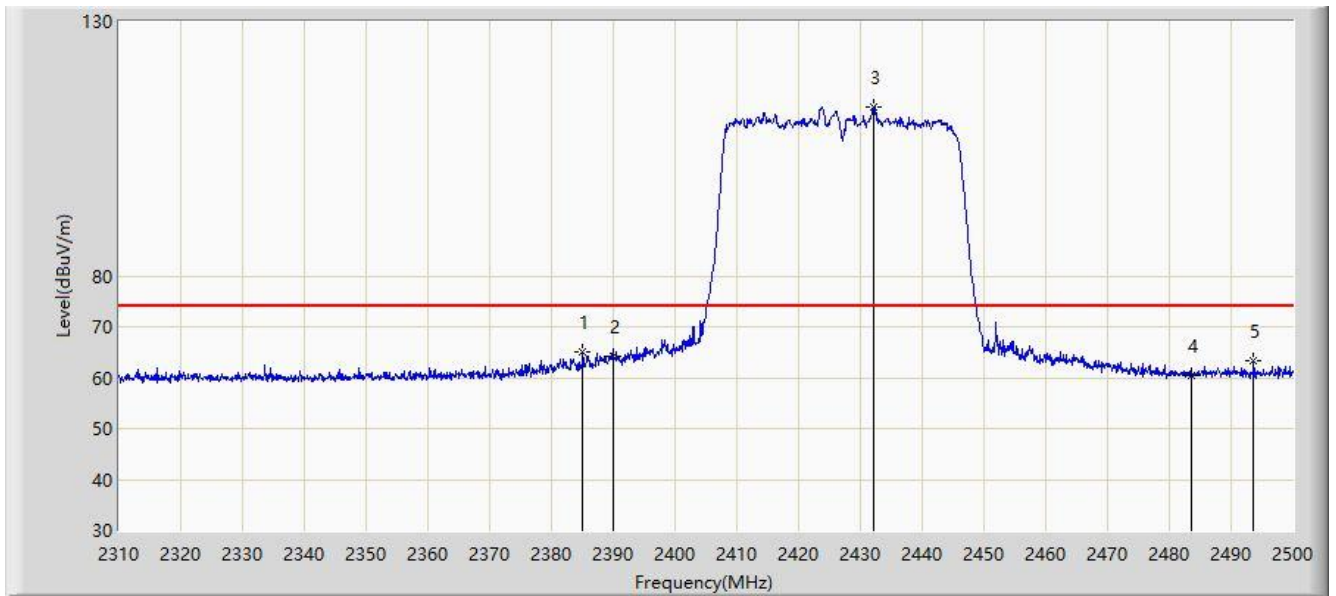


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.900	52.013	21.102	-1.987	54.000	30.911	AV
2			2390.000	51.538	20.632	-2.462	54.000	30.906	AV
3		*	2420.390	98.294	67.416	NA	NA	30.879	AV
4			2483.500	49.597	18.709	-4.403	54.000	30.888	AV
5			2487.460	49.774	18.889	-4.226	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2427MHz	

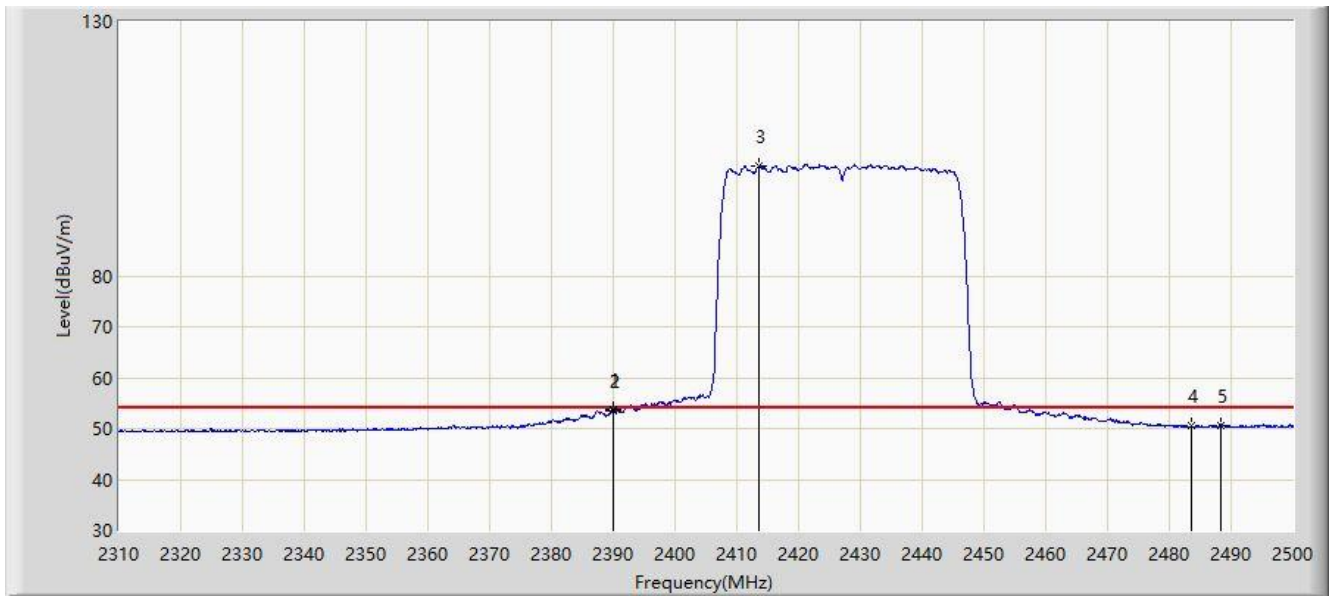


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.050	65.158	34.240	-8.842	74.000	30.917	PK
2			2390.000	64.200	33.294	-9.800	74.000	30.906	PK
3		*	2432.170	113.215	82.354	NA	NA	30.861	PK
4			2483.500	60.513	29.625	-13.487	74.000	30.888	PK
5			2493.635	63.455	32.574	-10.545	74.000	30.881	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2427MHz	

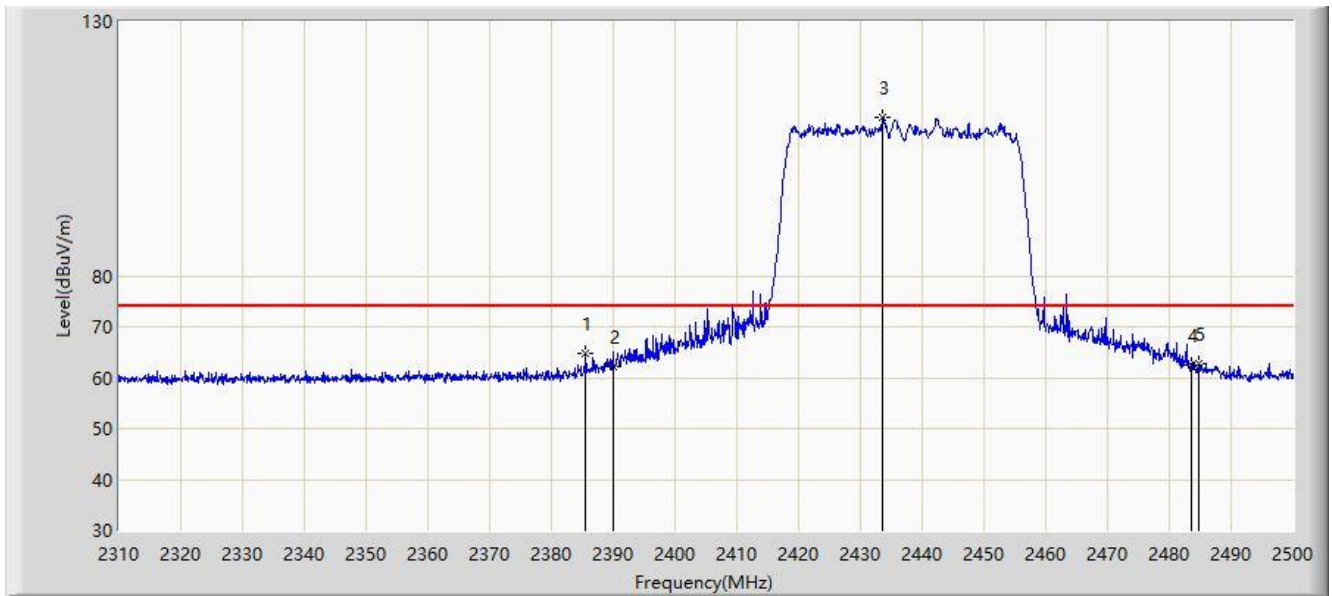


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.895	53.674	22.768	-0.326	54.000	30.906	AV
2			2390.000	53.546	22.640	-0.454	54.000	30.906	AV
3		*	2413.645	101.621	70.730	NA	NA	30.891	AV
4			2483.500	50.474	19.586	-3.526	54.000	30.888	AV
5			2488.220	50.666	19.781	-3.334	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2437MHz	

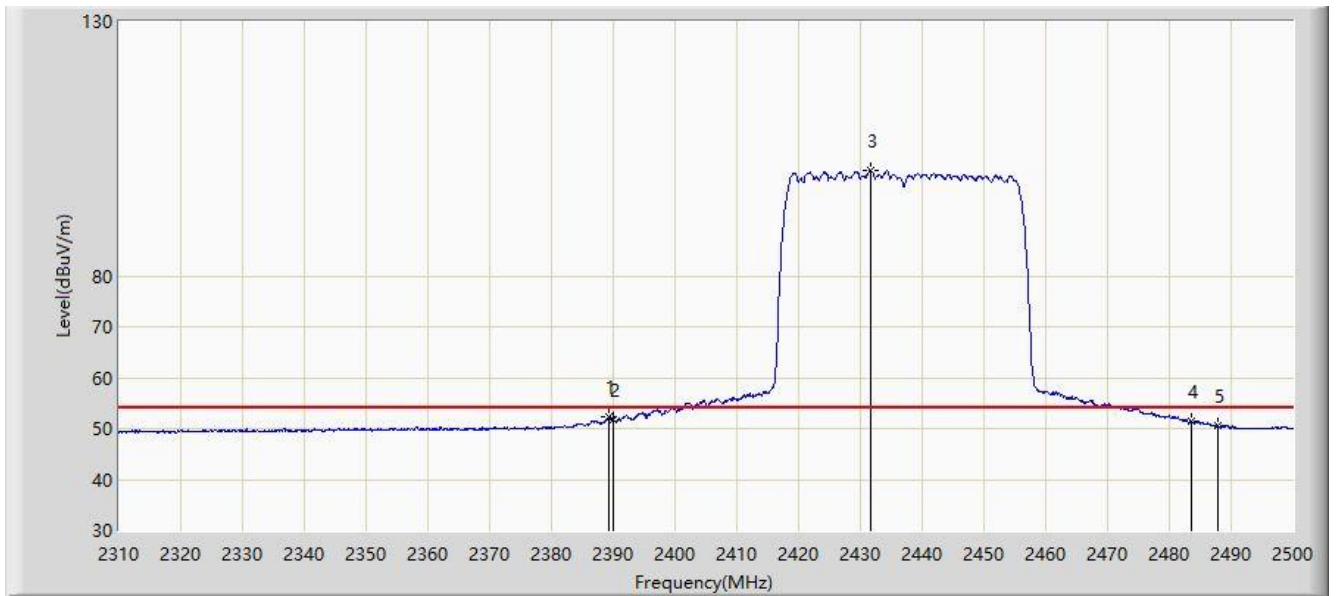


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.525	64.638	33.722	-9.362	74.000	30.917	PK
2			2390.000	62.065	31.159	-11.935	74.000	30.906	PK
3		*	2433.595	111.269	80.409	NA	NA	30.860	PK
4			2483.500	62.496	31.608	-11.504	74.000	30.888	PK
5			2484.705	62.868	31.981	-11.132	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2437MHz	

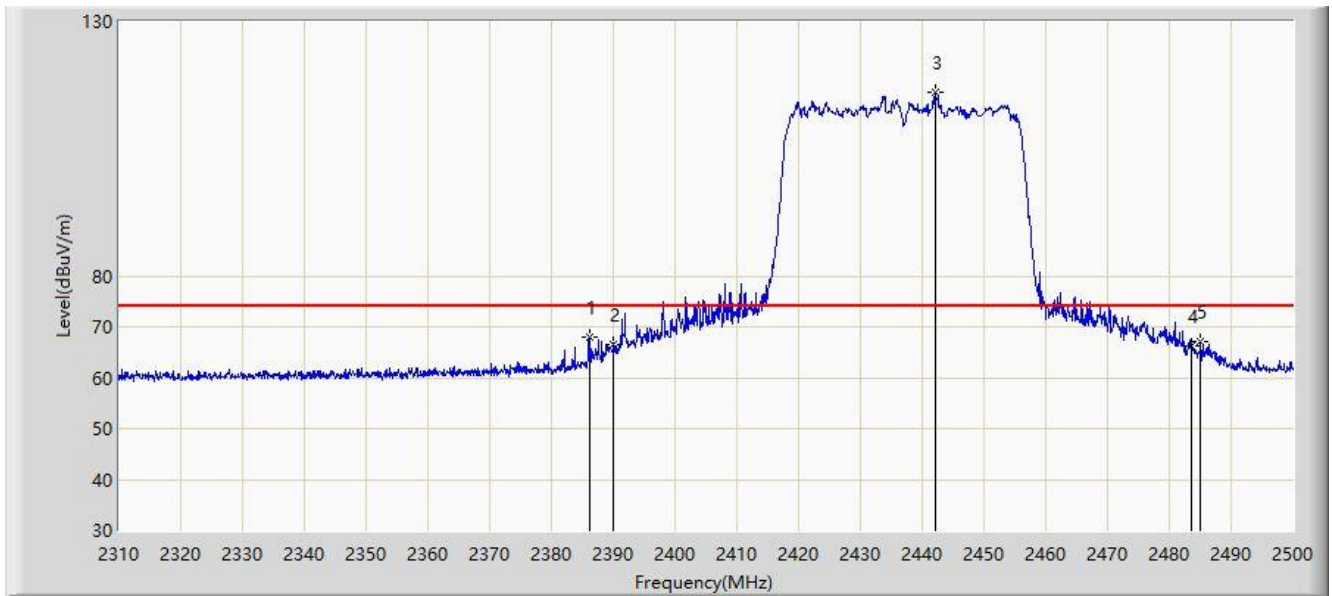


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.230	52.216	21.308	-1.784	54.000	30.908	AV
2			2390.000	51.810	20.904	-2.190	54.000	30.906	AV
3		*	2431.600	100.668	69.807	NA	NA	30.861	AV
4			2483.500	51.335	20.447	-2.665	54.000	30.888	AV
5			2487.935	50.710	19.825	-3.290	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diaio
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2437MHz	

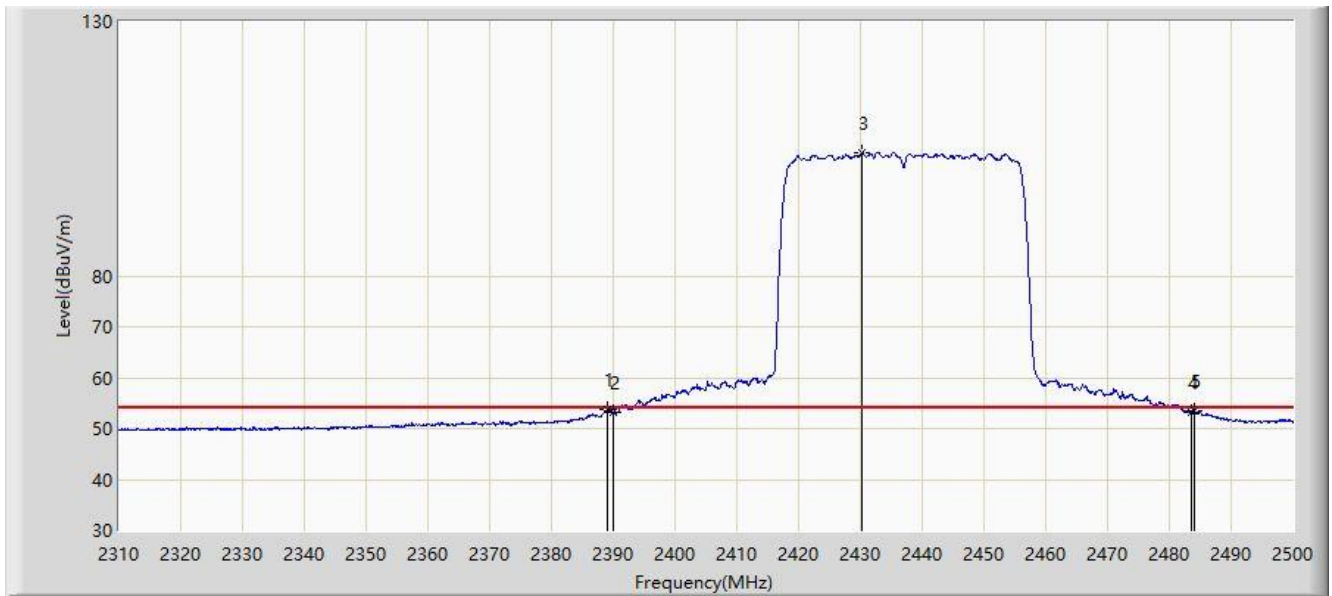


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.095	67.971	37.056	-6.029	74.000	30.915	PK
2			2390.000	66.606	35.700	-7.394	74.000	30.906	PK
3		*	2442.145	115.976	85.123	NA	NA	30.853	PK
4			2483.500	66.341	35.453	-7.659	74.000	30.888	PK
5			2485.085	67.125	36.238	-6.875	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2437MHz	

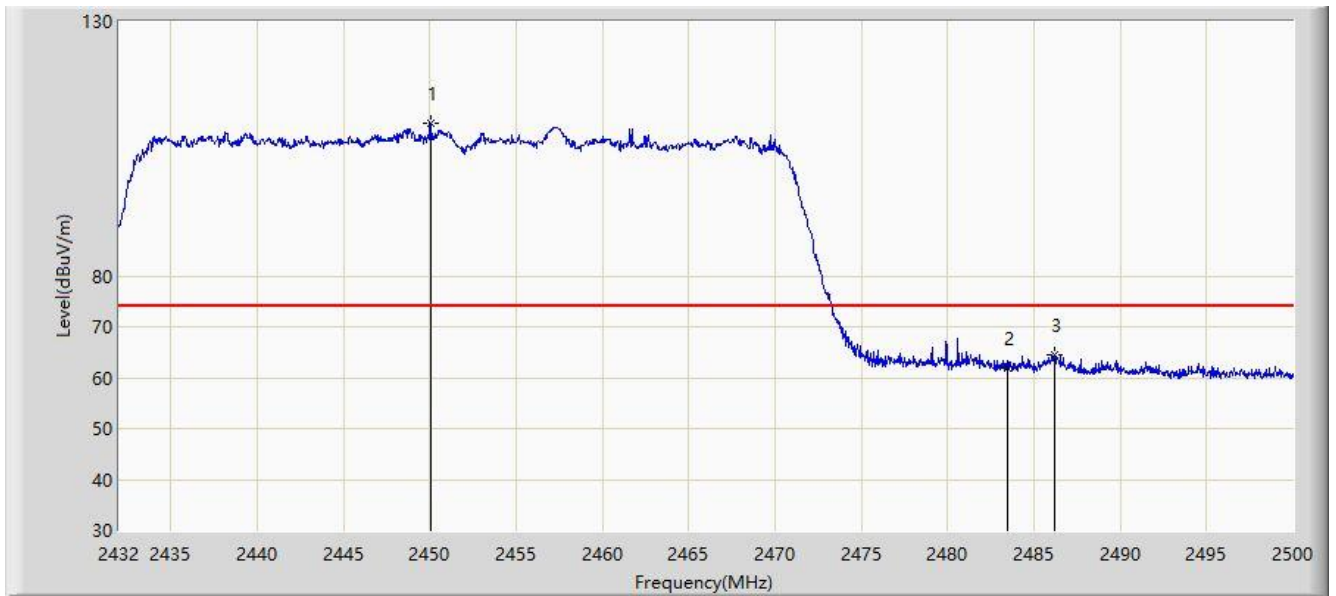


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.945	53.841	22.933	-0.159	54.000	30.908	AV
2			2390.000	53.079	22.173	-0.921	54.000	30.906	AV
3		*	2430.270	104.070	73.208	NA	NA	30.862	AV
4			2483.500	53.319	22.431	-0.681	54.000	30.888	AV
5			2484.040	53.475	22.587	-0.525	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2452MHz	

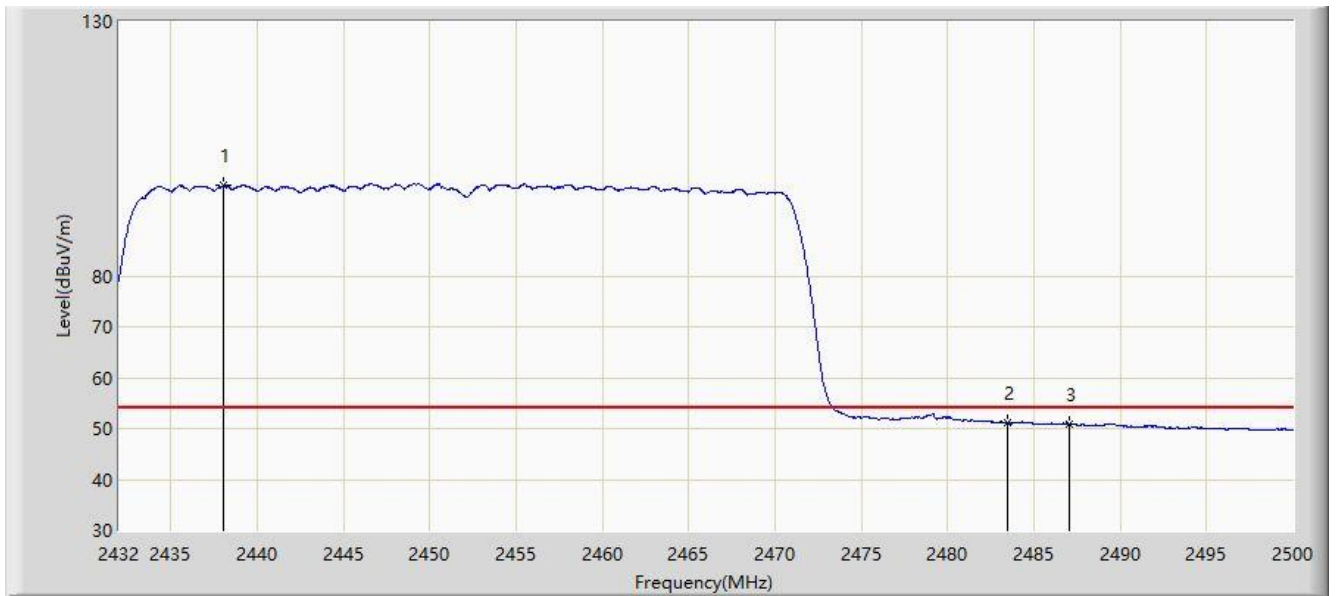


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.054	109.982	79.131	NA	NA	30.851	PK
2			2483.500	61.748	30.860	-12.252	74.000	30.888	PK
3			2486.162	64.536	33.650	-9.464	74.000	30.886	PK

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2452MHz	

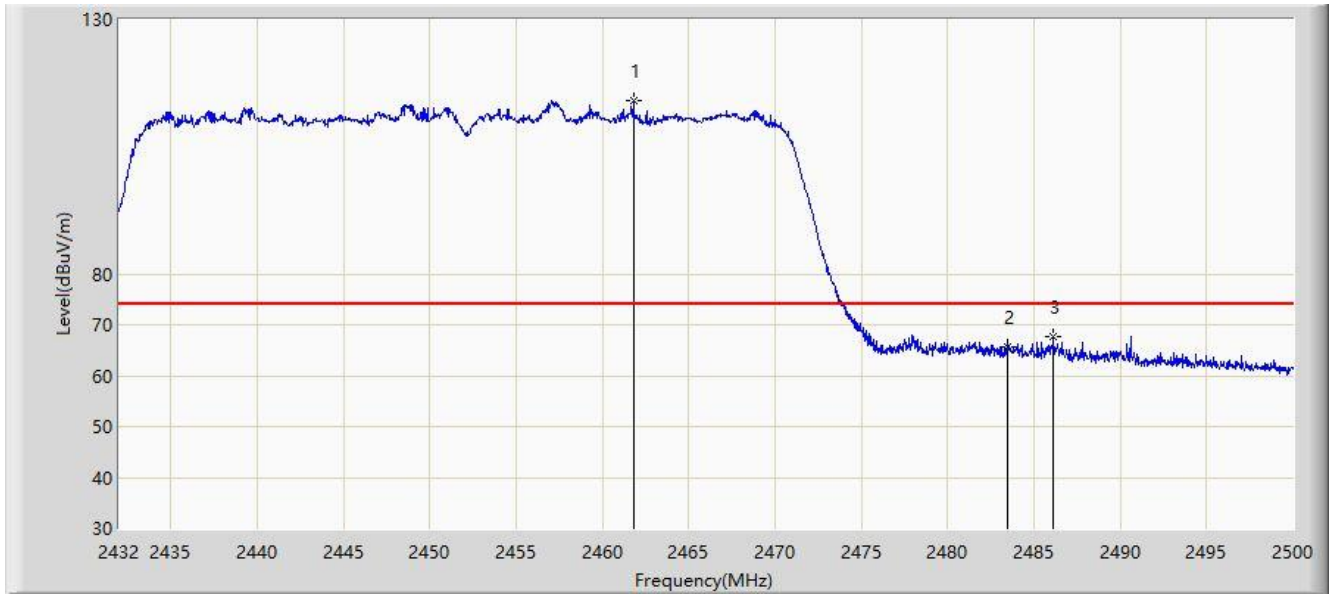


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2438.086	97.876	67.020	NA	NA	30.856	AV
2			2483.500	51.048	20.160	-2.952	54.000	30.888	AV
3			2487.046	50.992	20.106	-3.008	54.000	30.886	AV

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2452MHz	

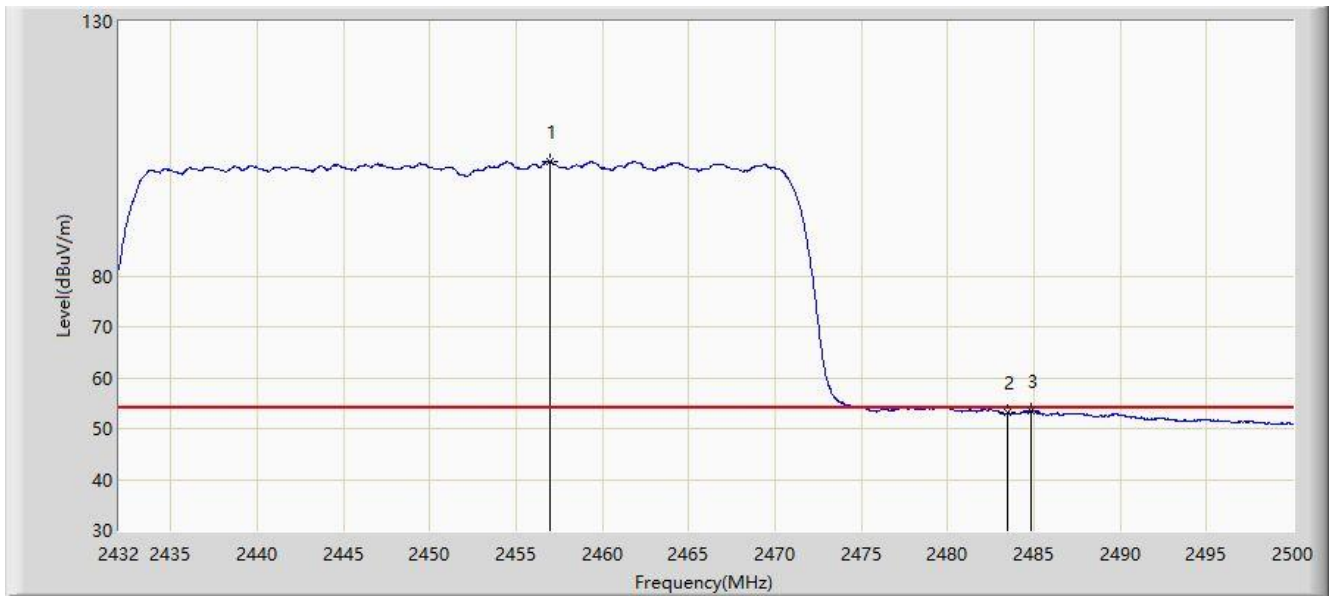


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.784	114.072	83.222	NA	NA	30.850	PK
2			2483.500	65.780	34.892	-8.220	74.000	30.888	PK
3			2486.128	67.780	36.894	-6.220	74.000	30.886	PK

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

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

Site: NS-AC1	Time: 2021/07/08
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.956	102.519	71.669	NA	NA	30.850	AV
2			2483.500	53.143	22.255	-0.857	54.000	30.888	AV
3			2484.802	53.534	22.647	-0.466	54.000	30.887	AV

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

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

5.8. AC Conducted Emissions Measurement

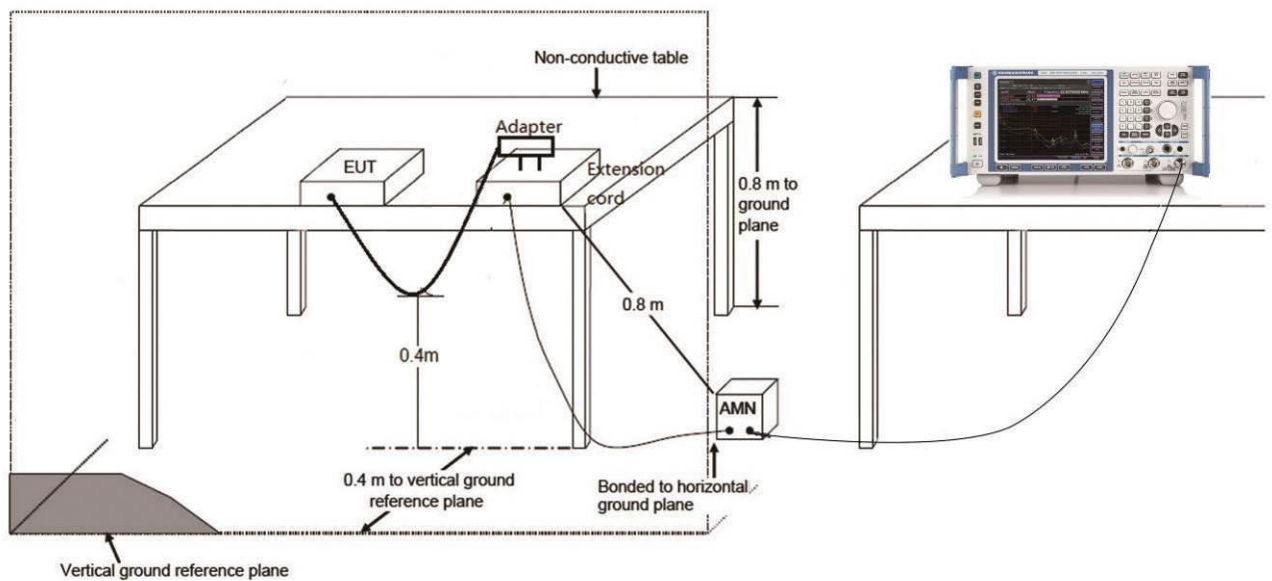
5.8.1. Test Limit

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.

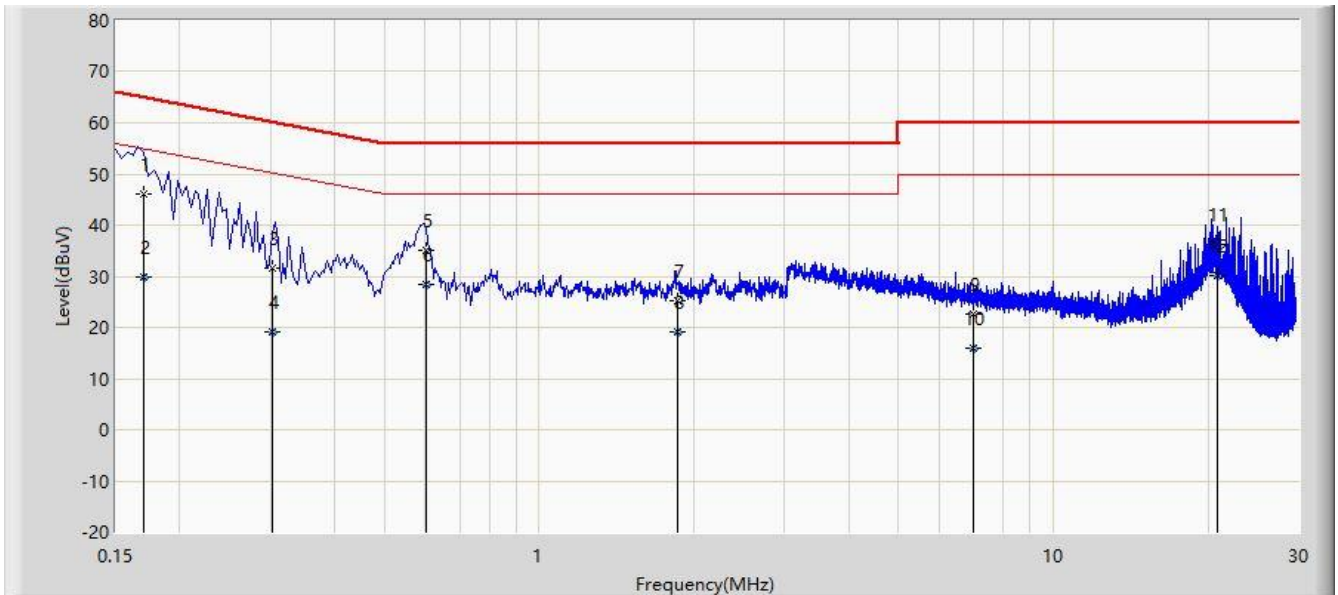
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

5.8.2. Test Setup



5.8.3.Test Result

Site: NS-SR2	Time: 2021/05/10
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Line
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

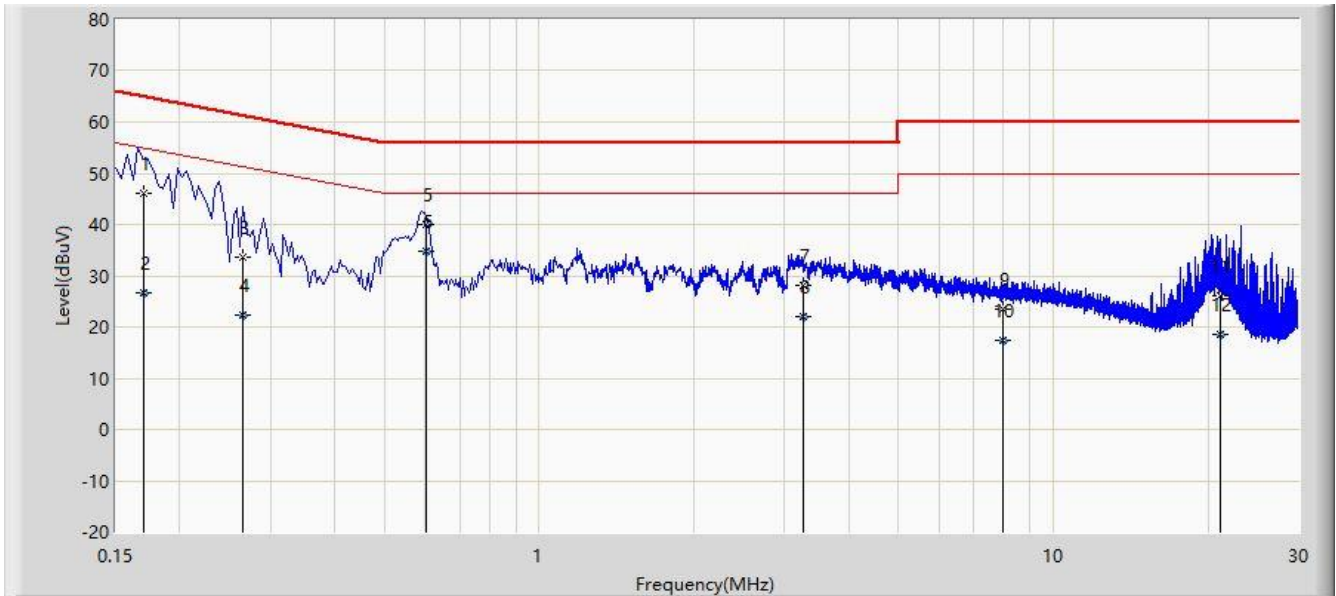


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.170	46.231	36.691	-18.729	64.960	9.540	QP
2			0.170	29.922	20.382	-25.038	54.960	9.540	AV
3			0.302	31.537	21.992	-28.651	60.188	9.545	QP
4			0.302	18.987	9.442	-31.201	50.188	9.545	AV
5			0.602	35.154	25.585	-20.846	56.000	9.569	QP
6		*	0.602	28.404	18.834	-17.596	46.000	9.569	AV
7			1.854	25.153	15.529	-30.847	56.000	9.625	QP
8			1.854	19.069	9.444	-26.931	46.000	9.625	AV
9			6.990	22.557	12.818	-37.443	60.000	9.738	QP
10			6.990	16.019	6.281	-33.981	50.000	9.738	AV
11			20.870	36.307	26.449	-23.693	60.000	9.857	QP
12			20.870	30.194	20.337	-19.806	50.000	9.857	AV

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

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

Site: NS-SR2	Time: 2021/05/10
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Neutral
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.170	45.952	36.412	-19.008	64.960	9.540	QP
2			0.170	26.810	17.270	-28.150	54.960	9.540	AV
3			0.266	33.671	24.131	-27.571	61.242	9.540	QP
4			0.266	22.272	12.732	-28.970	51.242	9.540	AV
5			0.602	39.985	30.415	-16.015	56.000	9.569	QP
6		*	0.602	34.789	25.220	-11.211	46.000	9.569	AV
7			3.270	28.044	18.372	-27.956	56.000	9.672	QP
8			3.270	22.078	12.406	-23.922	46.000	9.672	AV
9			7.990	23.452	13.682	-36.548	60.000	9.771	QP
10			7.990	17.433	7.663	-32.567	50.000	9.771	AV
11			21.073	26.181	16.210	-33.819	60.000	9.971	QP
12			21.073	18.445	8.474	-31.555	50.000	9.971	AV

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

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

6. CONCLUSION

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

The End

Appendix A - Test Setup Photograph

Refer to “2105RSZ007-UT” file.

Appendix B - EUT Photograph

Refer to “2105RSU007-UE” file.