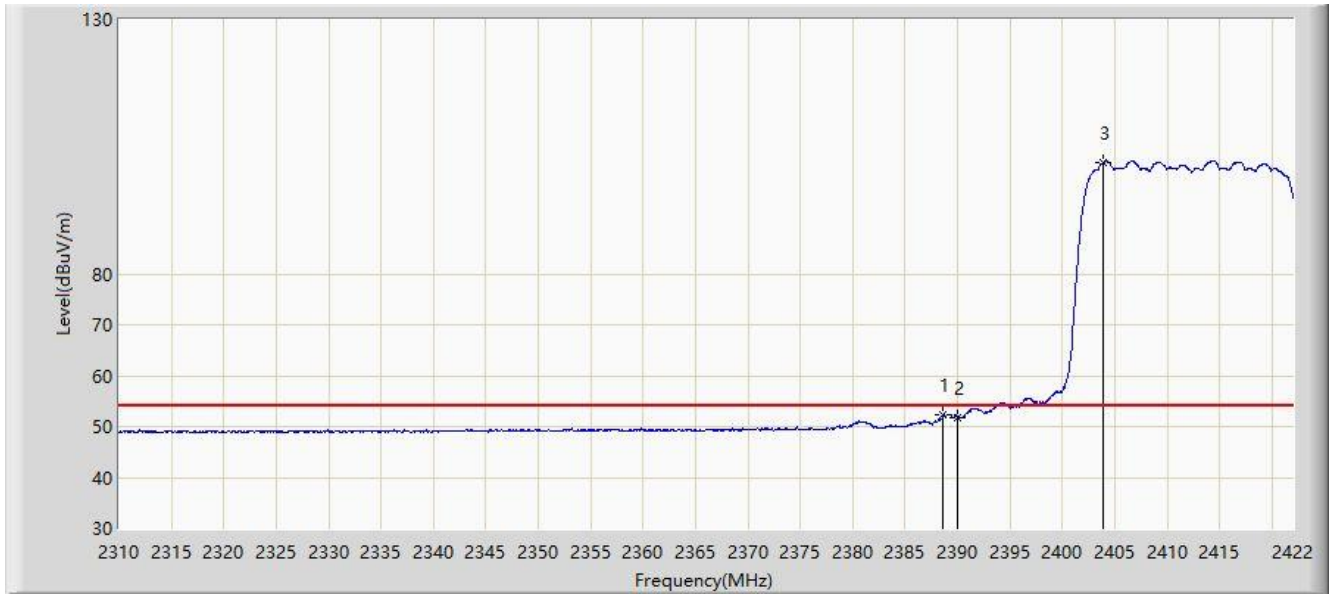


Site: NS-AC1	Time: 2021/07/15
Limit: FCC_Part 15_15.209 RE (3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/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 (dB μ V/m) = Reading Level (dB μ V) + 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	

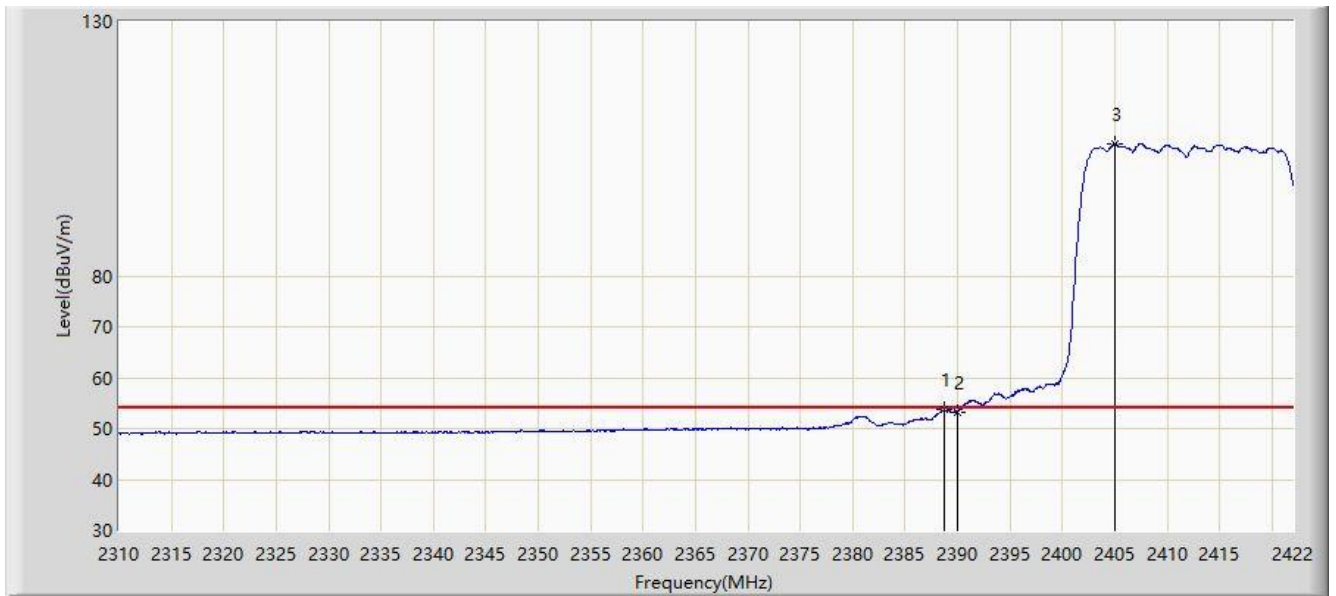


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.128	73.550	42.642	-0.450	74.000	30.908	PK
2			2390.000	71.833	40.927	-2.167	74.000	30.906	PK
3		*	2404.976	117.450	86.554	NA	NA	30.896	PK

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	

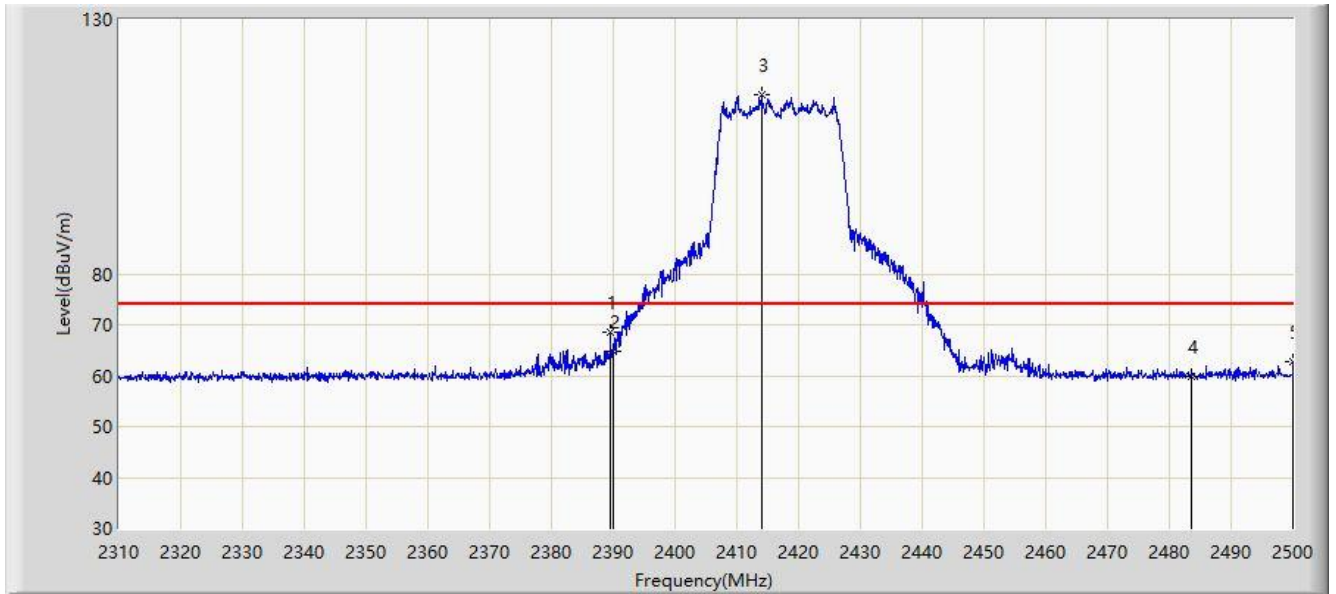


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2388.736	53.713	22.804	-0.287	54.000	30.908	AV
2			2390.000	53.327	22.421	-0.673	54.000	30.906	AV
3		*	2405.032	105.938	75.042	NA	NA	30.896	AV

Note: Measure Level (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-HE20 at channel 2417MHz	

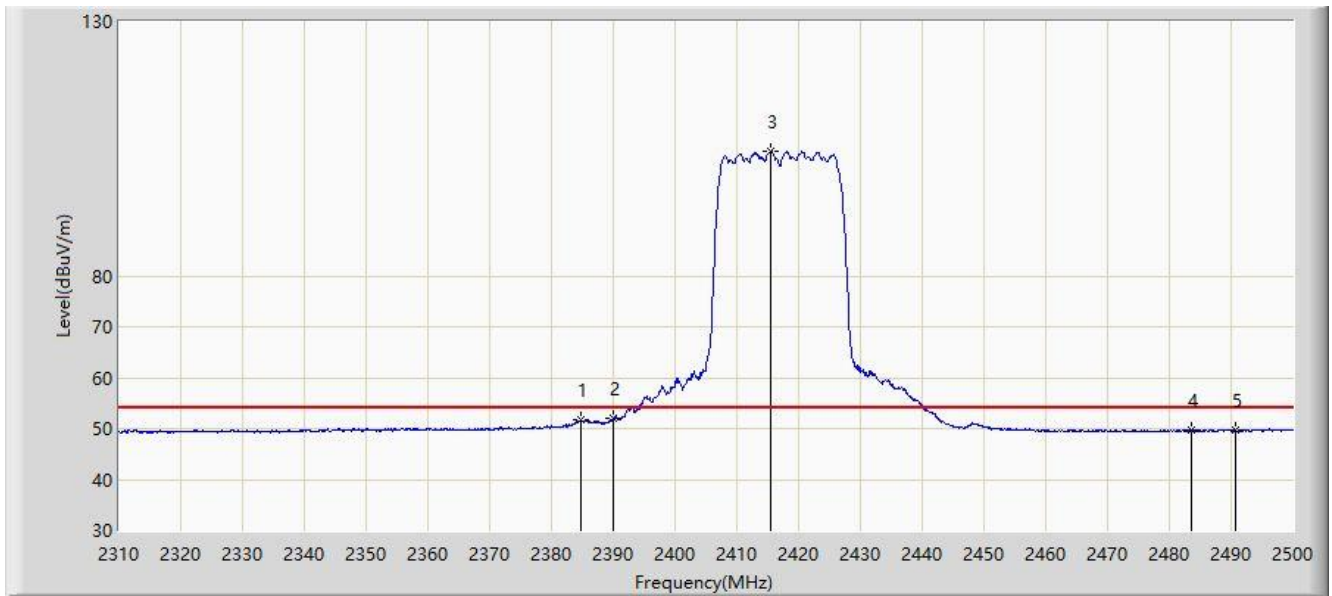


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2389.515	68.636	37.729	-5.364	74.000	30.907	PK
2			2390.000	64.699	33.793	-9.301	74.000	30.906	PK
3		*	2413.930	115.283	84.392	NA	NA	30.891	PK
4			2483.500	59.927	29.039	-14.073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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

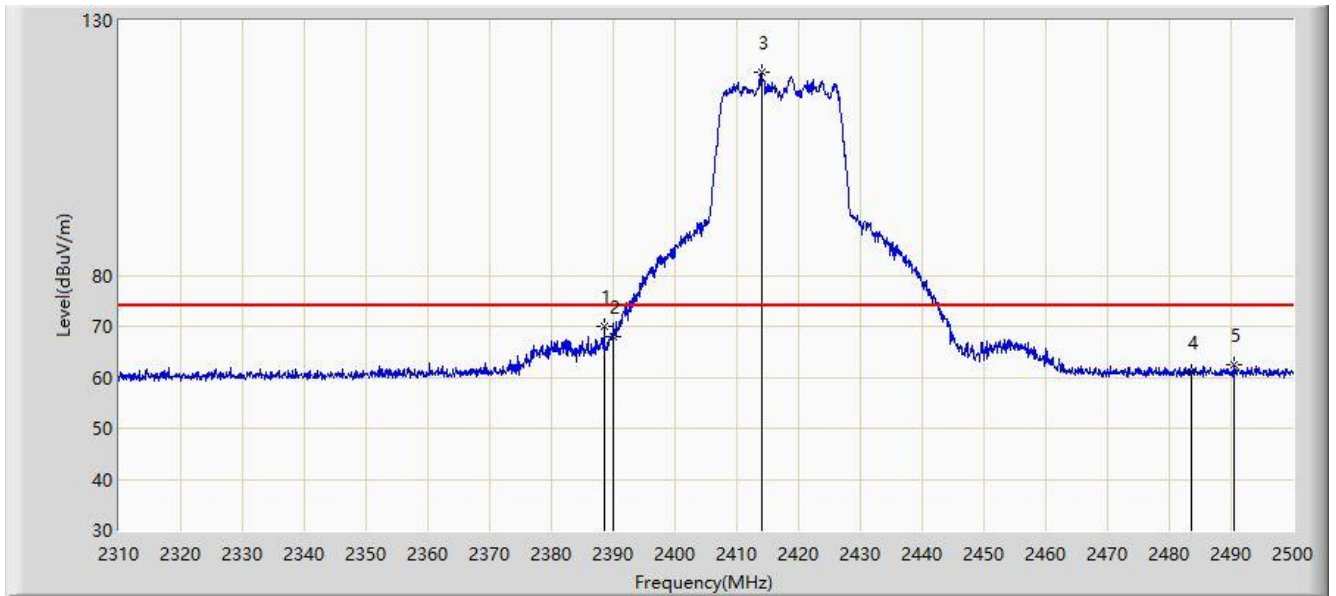


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2384.670	51.642	20.724	-2.358	54.000	30.918	AV
2			2390.000	52.120	21.214	-1.880	54.000	30.906	AV
3		*	2415.450	104.424	73.536	NA	NA	30.887	AV
4			2483.500	49.650	18.762	-4.350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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

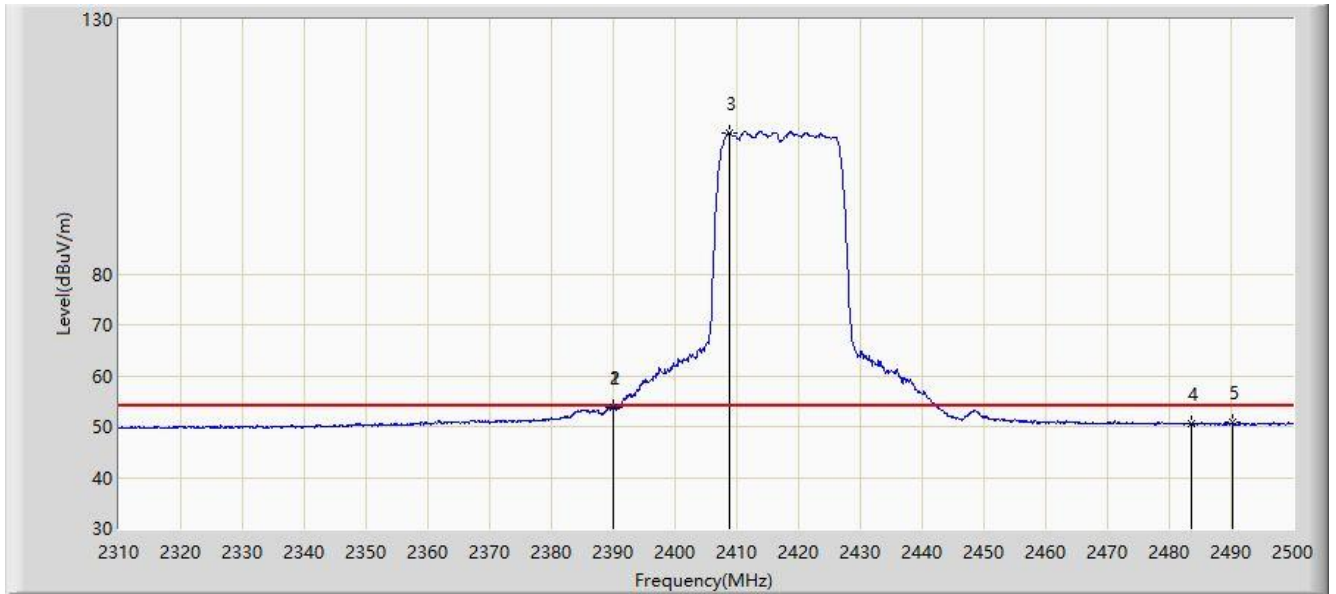


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2388.470	70.024	39.115	-3.976	74.000	30.909	PK
2			2390.000	67.867	36.961	-6.133	74.000	30.906	PK
3		*	2414.025	119.716	88.826	NA	NA	30.890	PK
4			2483.500	60.967	30.079	-13.033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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

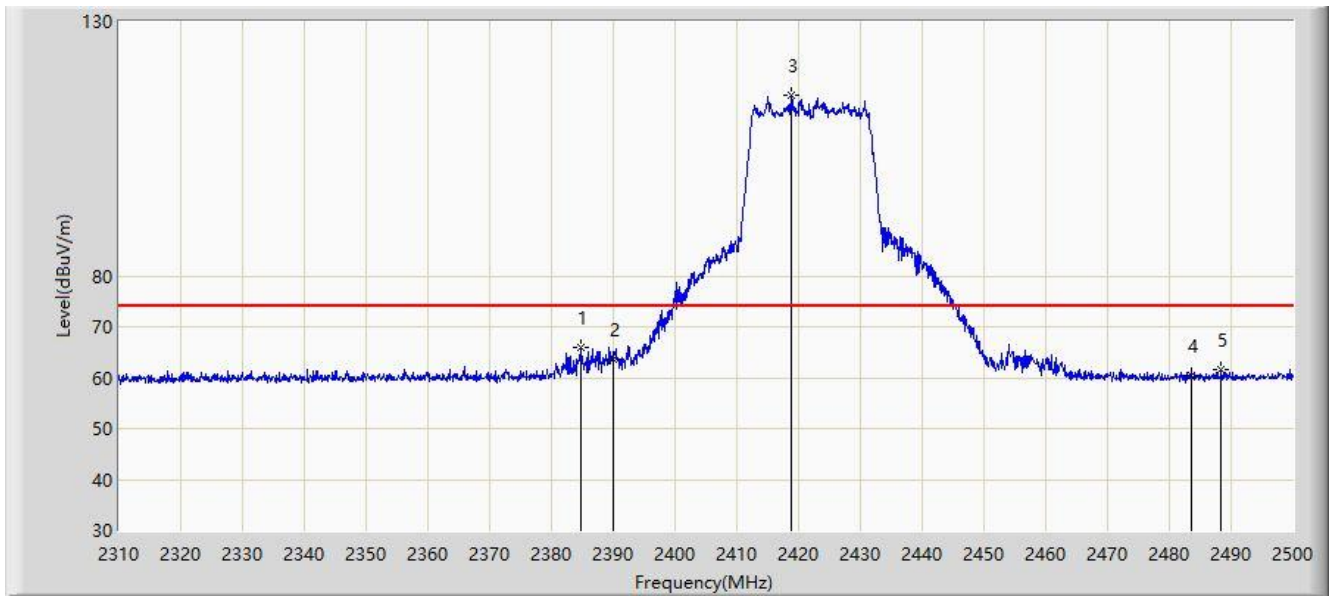


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2389.895	53.802	22.896	-0.198	54.000	30.906	AV
2			2390.000	53.715	22.809	-0.285	54.000	30.906	AV
3		*	2408.705	107.813	76.917	NA	NA	30.897	AV
4			2483.500	50.545	19.657	-3.455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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

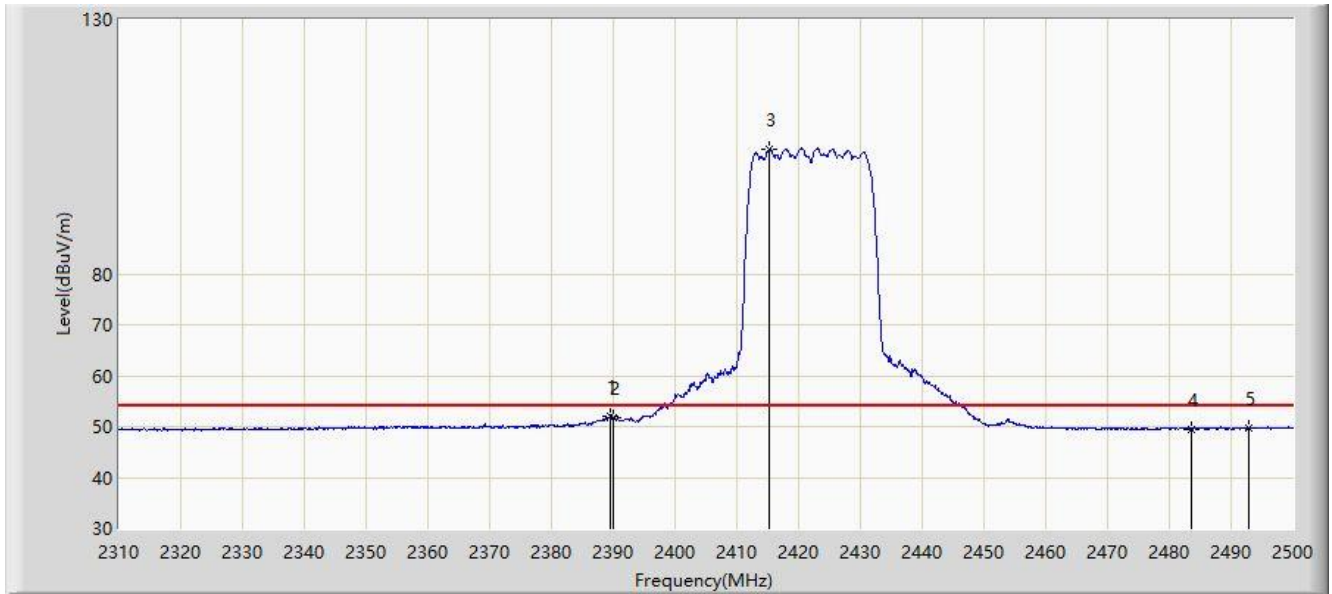


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2384.670	65.889	34.971	-8.111	74.000	30.918	PK
2			2390.000	63.608	32.702	-10.392	74.000	30.906	PK
3		*	2418.870	115.415	84.534	NA	NA	30.881	PK
4			2483.500	60.438	29.550	-13.562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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

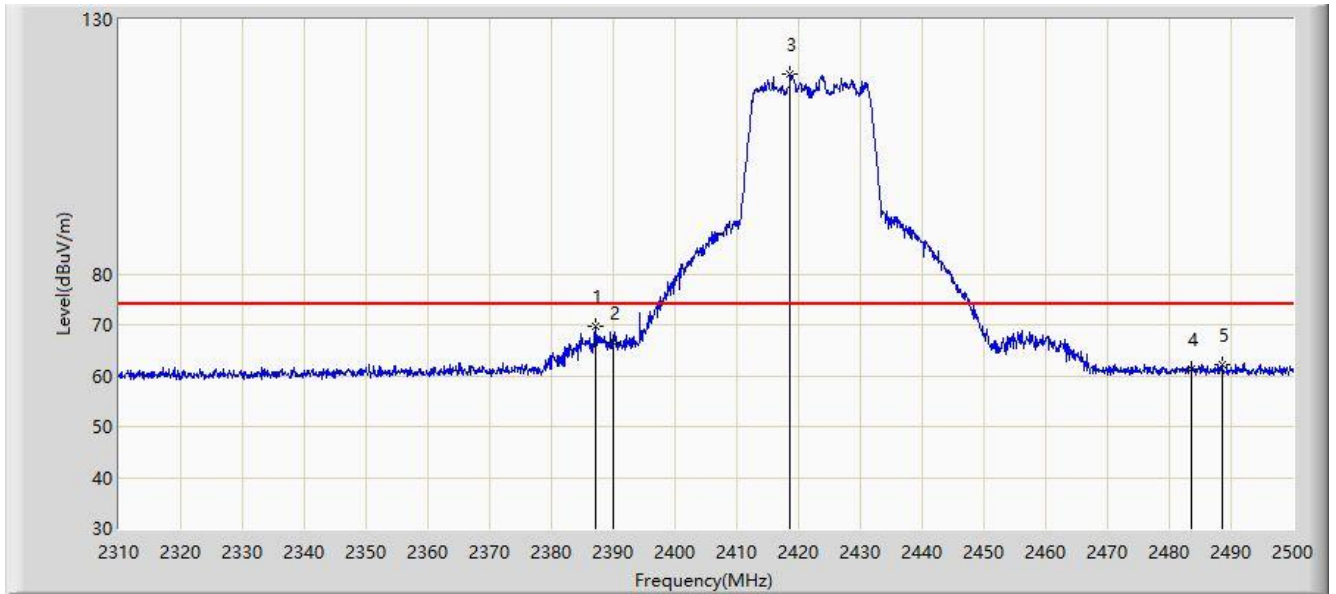


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.420	51.924	21.017	-2.076	54.000	30.907	AV
2			2390.000	51.758	20.852	-2.242	54.000	30.906	AV
3		*	2415.355	104.421	73.533	NA	NA	30.888	AV
4			2483.500	49.531	18.643	-4.469	54.000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

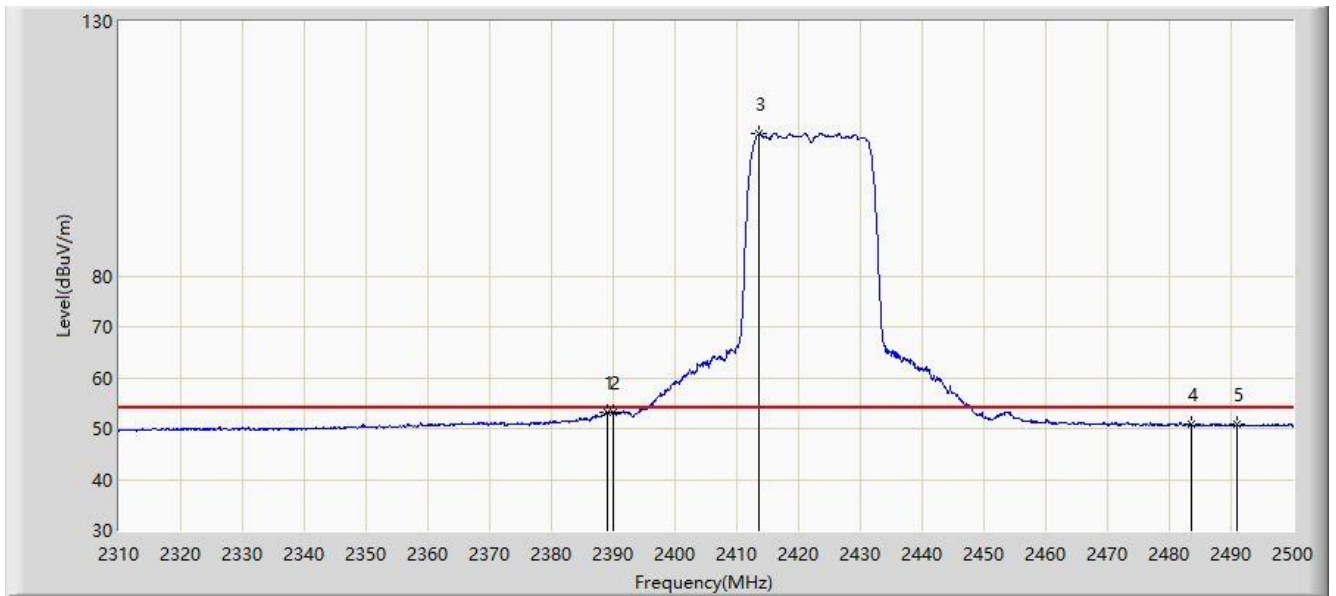


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.235	69.669	38.757	-4.331	74.000	30.912	PK
2			2390.000	66.438	35.532	-7.562	74.000	30.906	PK
3		*	2418.680	119.360	88.478	NA	NA	30.881	PK
4			2483.500	61.406	30.518	-12.594	74.000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

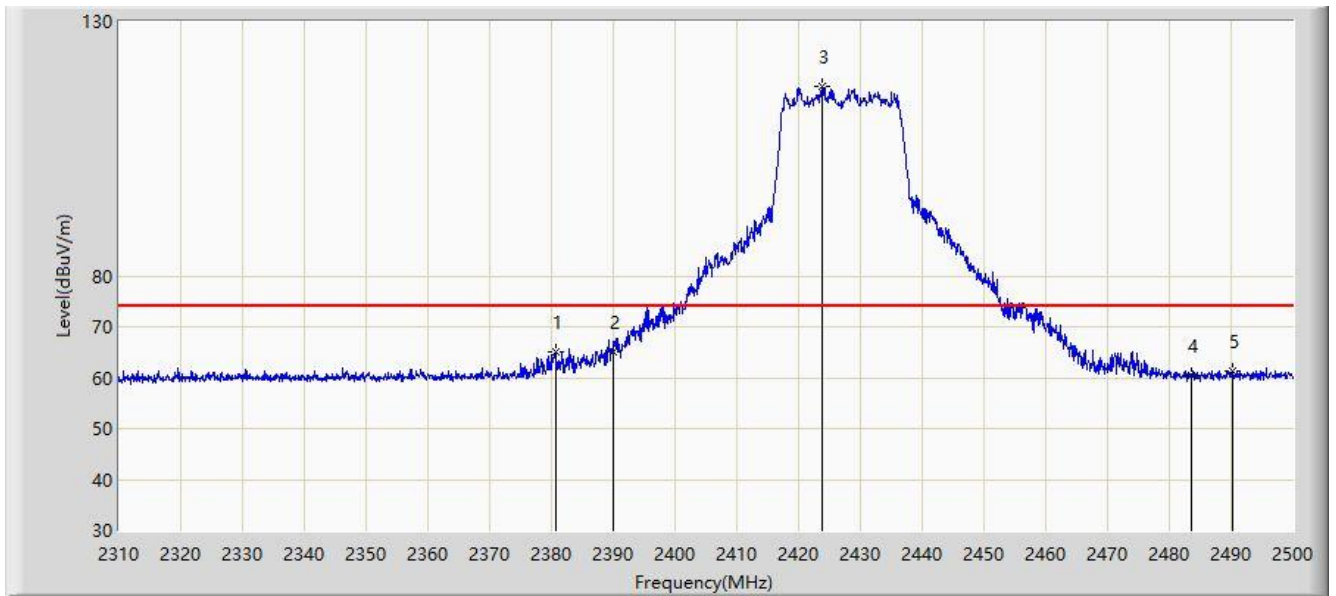


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2389.135	53.178	22.270	-0.822	54.000	30.908	AV
2			2390.000	53.242	22.336	-0.758	54.000	30.906	AV
3		*	2413.645	107.878	76.987	NA	NA	30.891	AV
4			2483.500	50.834	19.946	-3.166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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

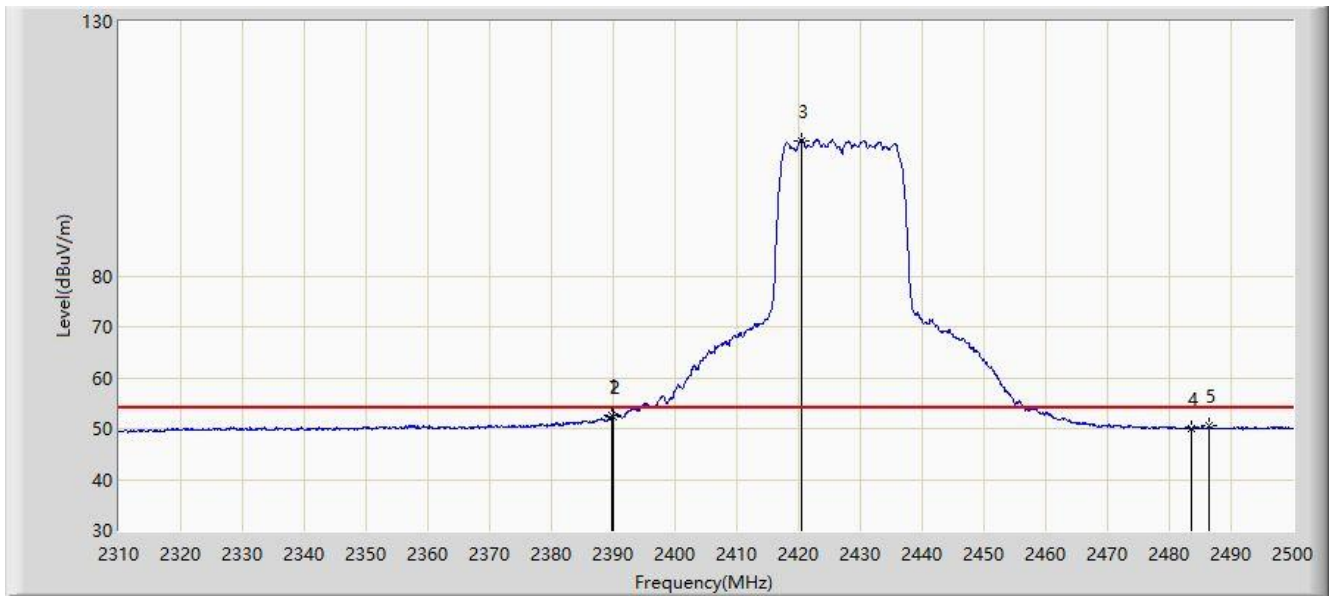


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2380.680	65.200	34.272	-8.800	74.000	30.928	PK
2			2390.000	65.060	34.154	-8.940	74.000	30.906	PK
3		*	2423.715	117.149	86.277	NA	NA	30.872	PK
4			2483.500	60.392	29.504	-13.608	74.000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

Note: Measure Level (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-HE20 at channel 2427MHz	

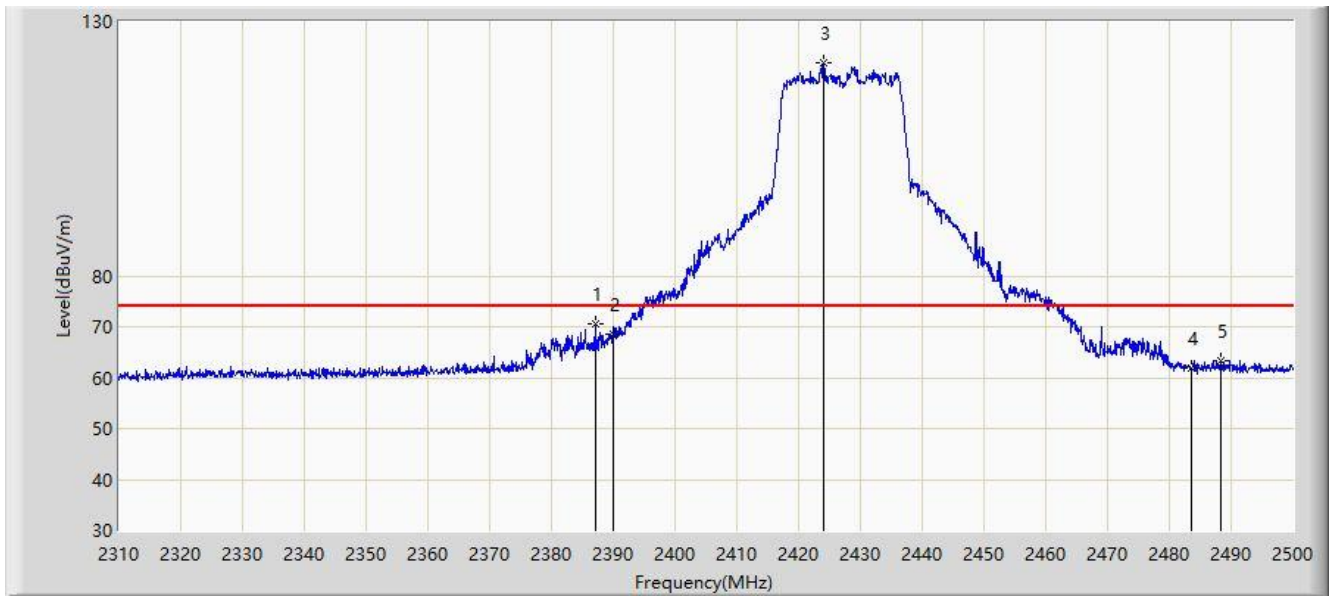


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.705	52.698	21.791	-1.302	54.000	30.907	AV
2			2390.000	52.309	21.403	-1.691	54.000	30.906	AV
3		*	2420.390	106.622	75.744	NA	NA	30.879	AV
4			2483.500	50.124	19.236	-3.876	54.000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

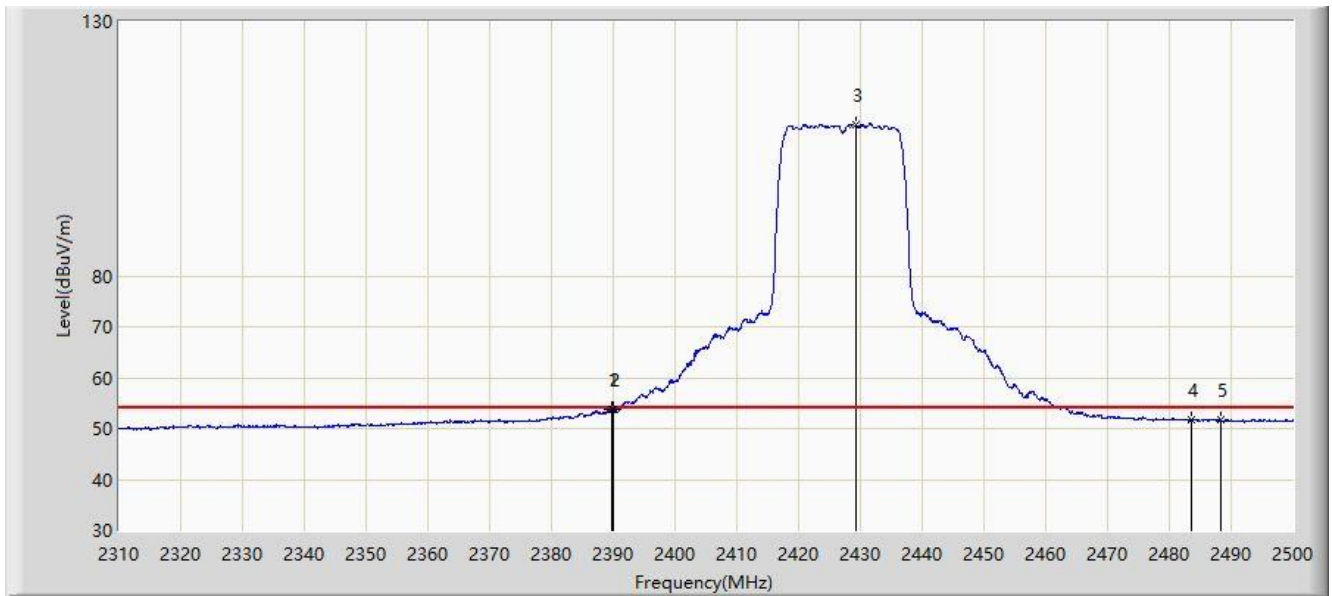


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.045	70.649	39.736	-3.351	74.000	30.912	PK
2			2390.000	68.558	37.652	-5.442	74.000	30.906	PK
3		*	2424.000	121.997	91.126	NA	NA	30.871	PK
4			2483.500	61.869	30.981	-12.131	74.000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

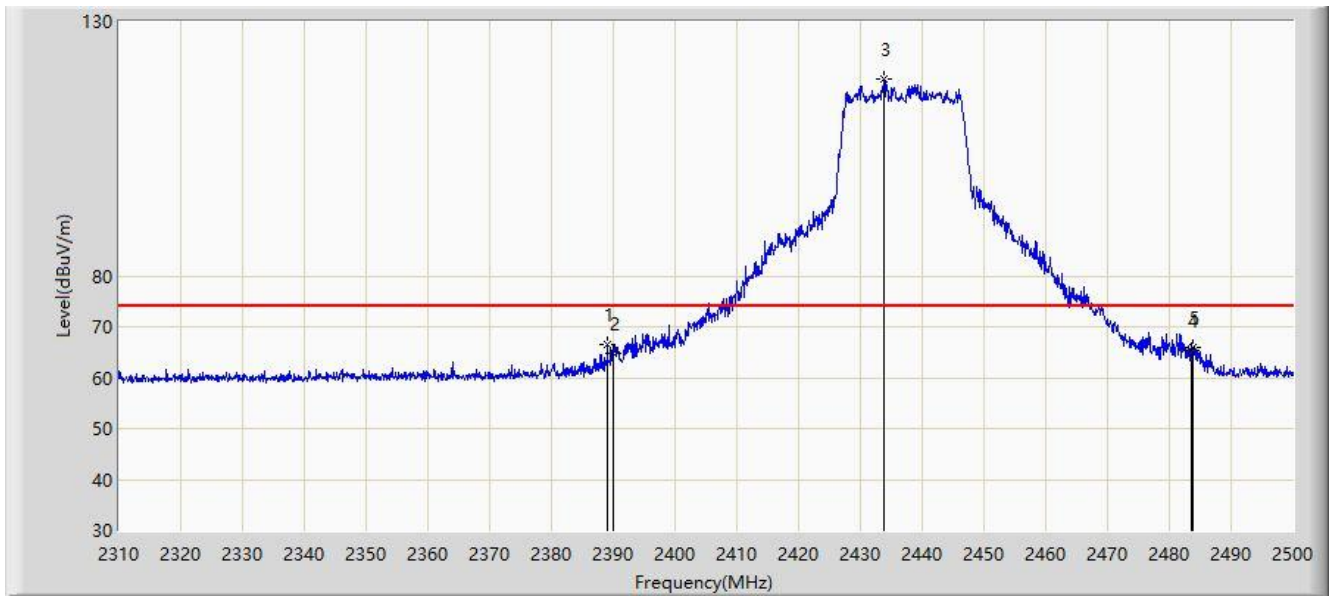


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	53.807	22.901	-0.193	54.000	30.906	AV
2			2390.000	53.749	22.843	-0.251	54.000	30.906	AV
3	X	*	2429.320	109.670	78.807	NA	NA	30.863	AV
4			2483.500	51.738	20.850	-2.262	54.000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

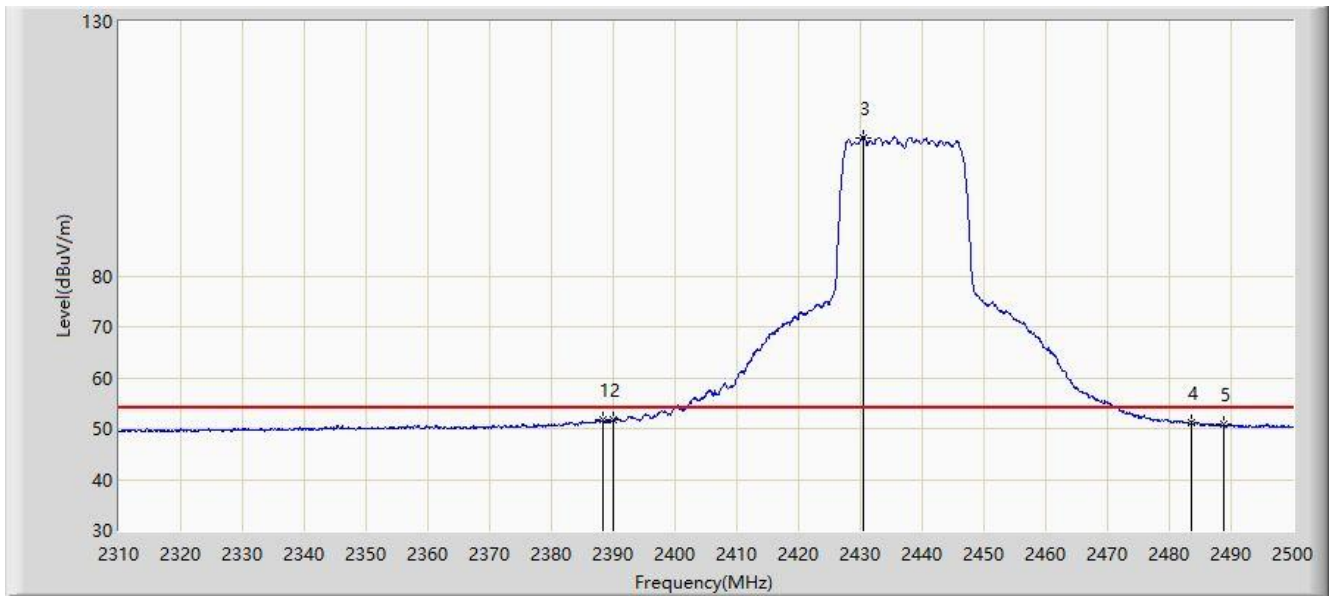


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2389.040	66.488	35.580	-7.512	74.000	30.909	PK
2			2390.000	64.917	34.011	-9.083	74.000	30.906	PK
3		*	2433.880	118.724	87.865	NA	NA	30.859	PK
4			2483.500	65.259	34.371	-8.741	74.000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

Note: Measure Level (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-HE20 at channel 2437MHz	

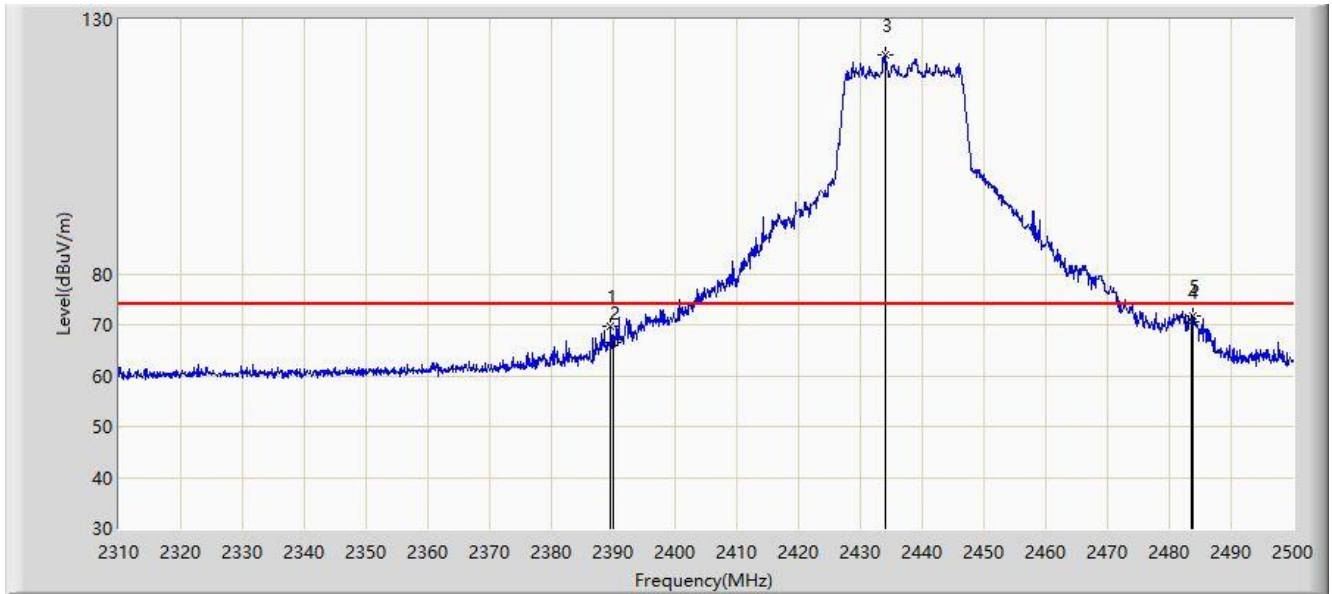


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.375	51.744	20.834	-2.256	54.000	30.910	AV
2			2390.000	51.706	20.800	-2.294	54.000	30.906	AV
3		*	2430.365	107.190	76.328	NA	NA	30.862	AV
4			2483.500	51.259	20.371	-2.741	54.000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

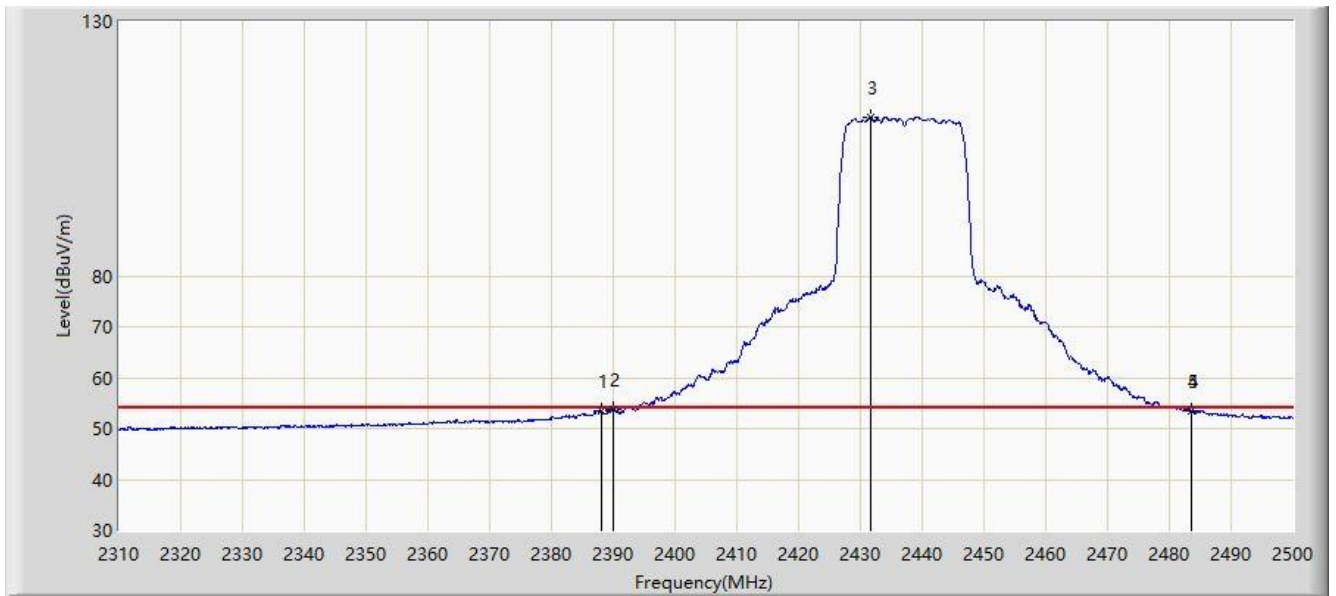


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2389.515	69.731	38.824	-4.269	74.000	30.907	PK
2			2390.000	66.407	35.501	-7.593	74.000	30.906	PK
3		*	2433.975	122.969	92.110	NA	NA	30.859	PK
4			2483.500	70.485	39.597	-3.515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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

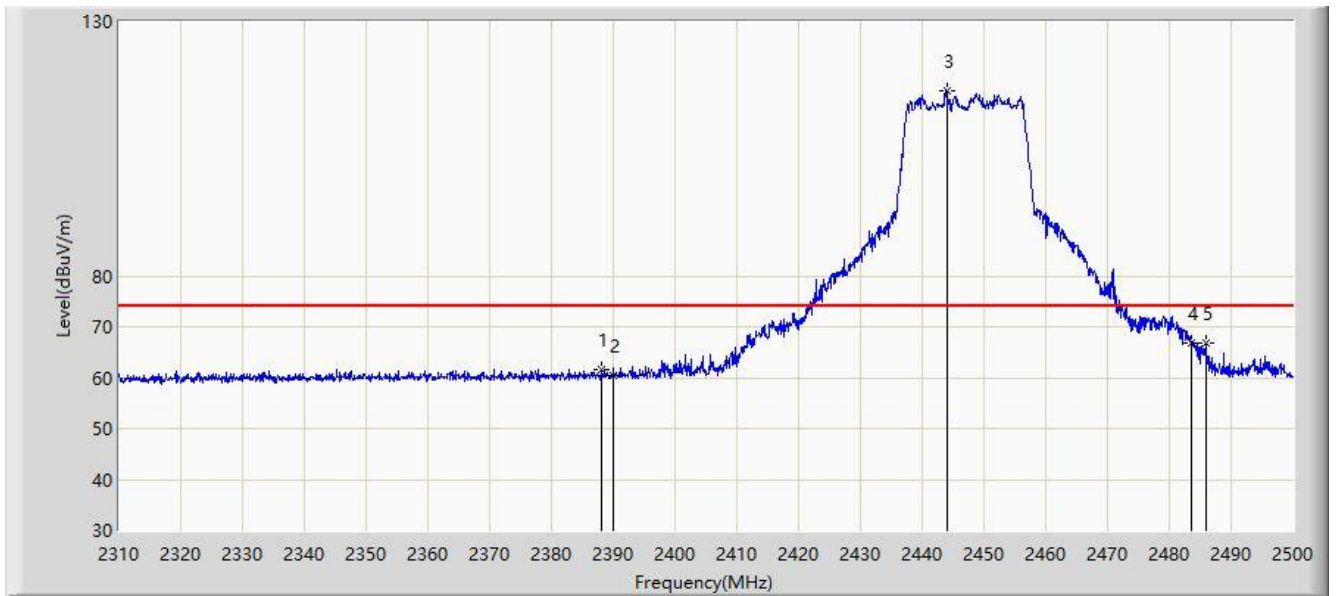


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	53.505	22.594	-0.495	54.000	30.911	AV
2			2390.000	53.671	22.765	-0.329	54.000	30.906	AV
3	X	*	2431.600	111.246	80.385	NA	NA	30.861	AV
4			2483.500	53.499	22.611	-0.501	54.000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

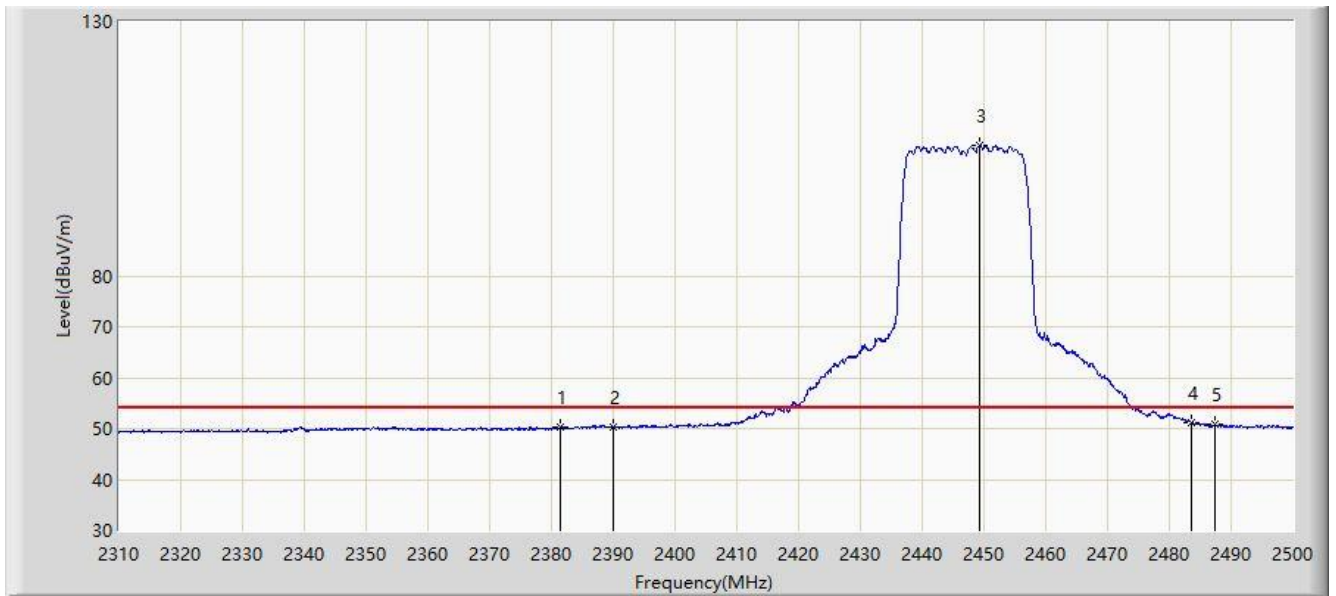


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2388.090	61.542	30.632	-12.458	74.000	30.910	PK
2			2390.000	60.524	29.618	-13.476	74.000	30.906	PK
3		*	2443.950	116.500	85.648	NA	NA	30.851	PK
4			2483.500	66.949	36.061	-7.051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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

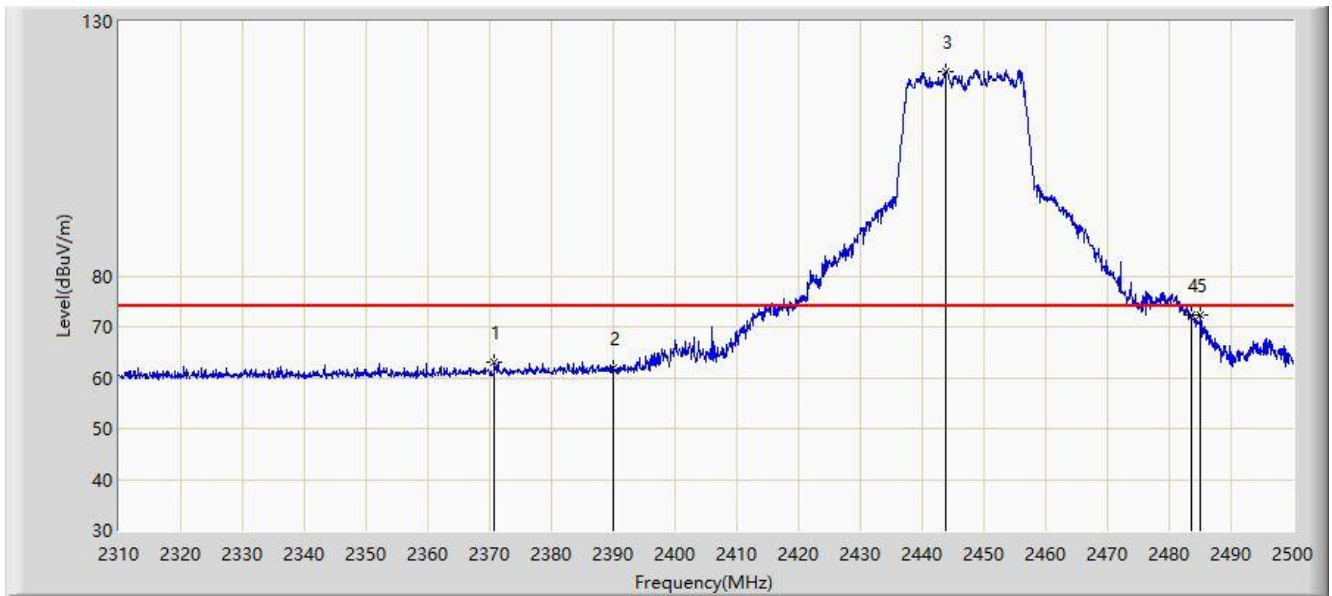


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.440	50.354	19.428	-3.646	54.000	30.926	AV
2			2390.000	50.253	19.347	-3.747	54.000	30.906	AV
3		*	2449.365	105.637	74.786	NA	NA	30.850	AV
4			2483.500	51.182	20.294	-2.818	54.000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

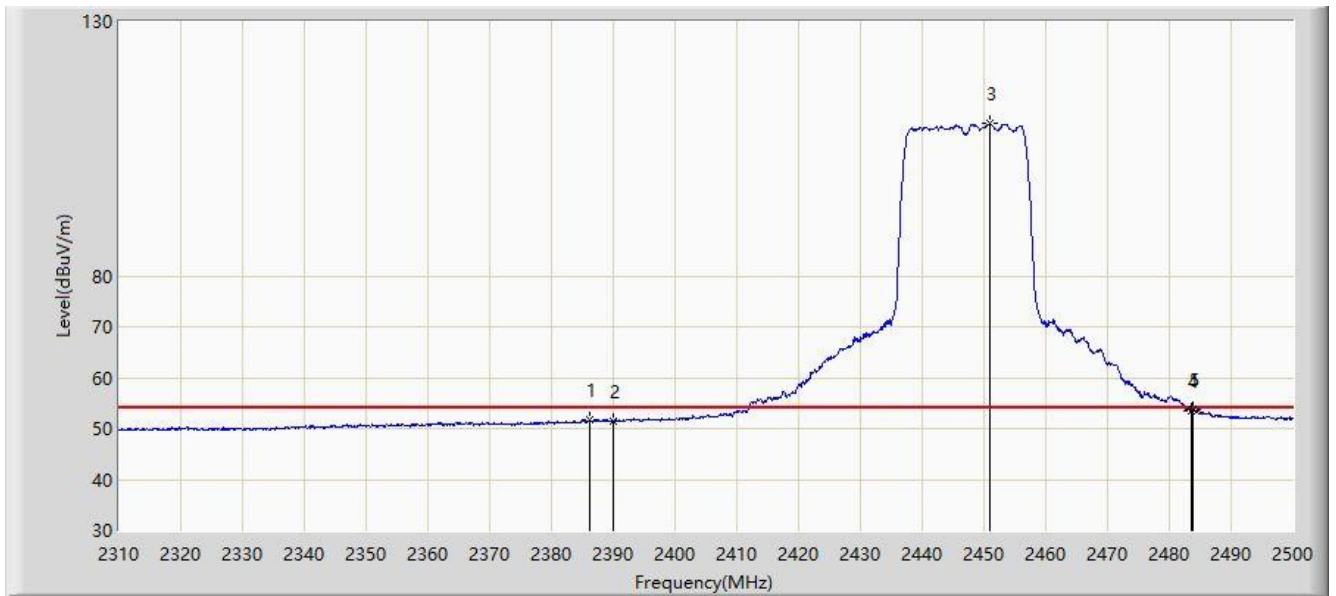


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.800	63.173	32.222	-10.827	74.000	30.951	PK
2			2390.000	61.898	30.992	-12.102	74.000	30.906	PK
3		*	2443.760	120.260	89.408	NA	NA	30.852	PK
4			2483.500	72.346	41.458	-1.654	74.000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

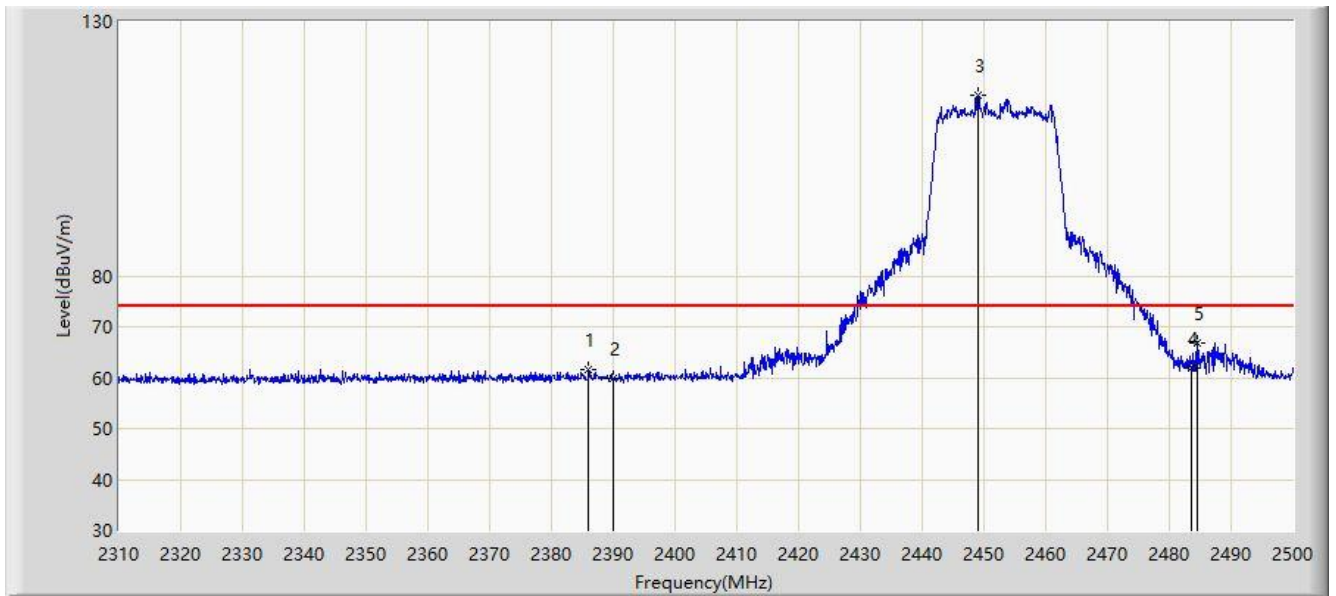


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2386.190	51.755	20.840	-2.245	54.000	30.915	AV
2			2390.000	51.533	20.627	-2.467	54.000	30.906	AV
3	X	*	2450.885	110.007	79.157	NA	NA	30.851	AV
4			2483.500	53.581	22.693	-0.419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

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

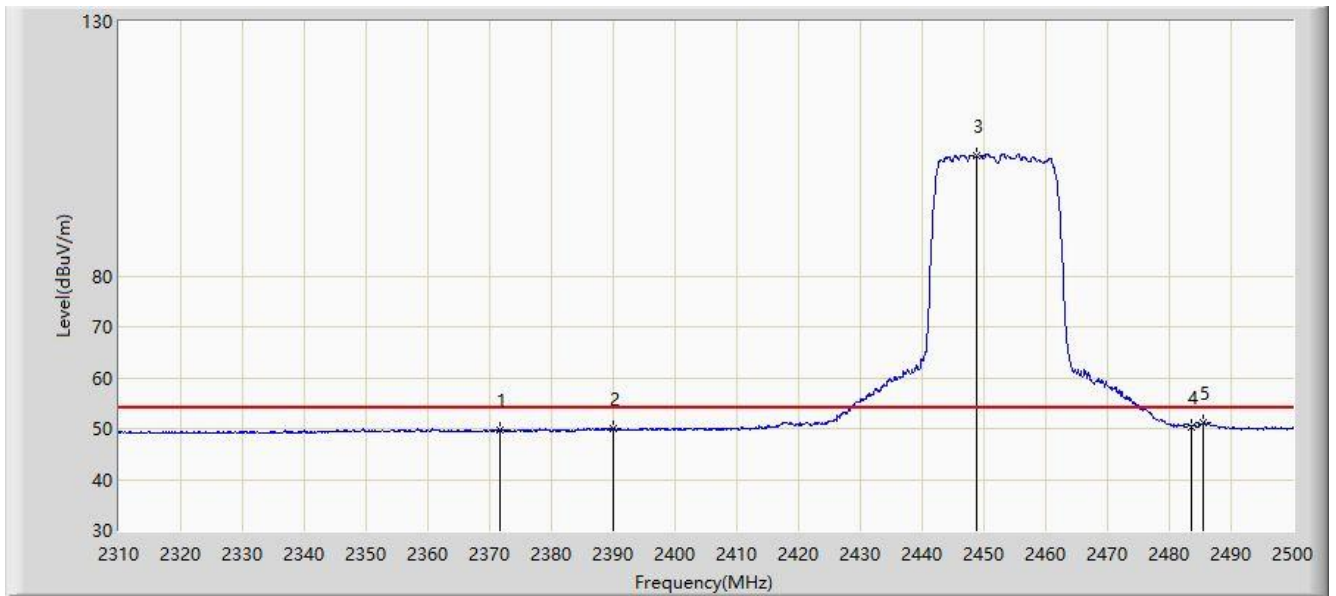


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.000	61.473	30.558	-12.527	74.000	30.916	PK
2			2390.000	59.840	28.934	-14.160	74.000	30.906	PK
3		*	2448.985	115.500	84.649	NA	NA	30.851	PK
4			2483.500	61.927	31.039	-12.073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

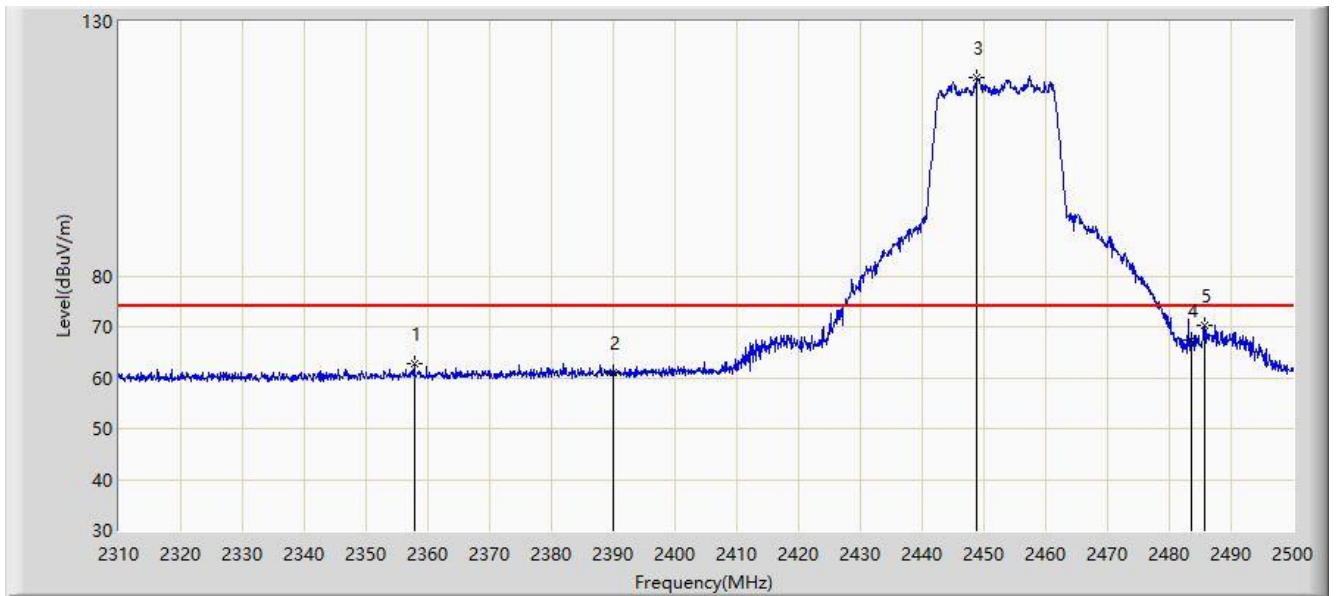


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.560	49.781	18.832	-4.219	54.000	30.950	AV
2			2390.000	49.920	19.014	-4.080	54.000	30.906	AV
3		*	2448.890	103.763	72.912	NA	NA	30.851	AV
4			2483.500	50.431	19.543	-3.569	54.000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

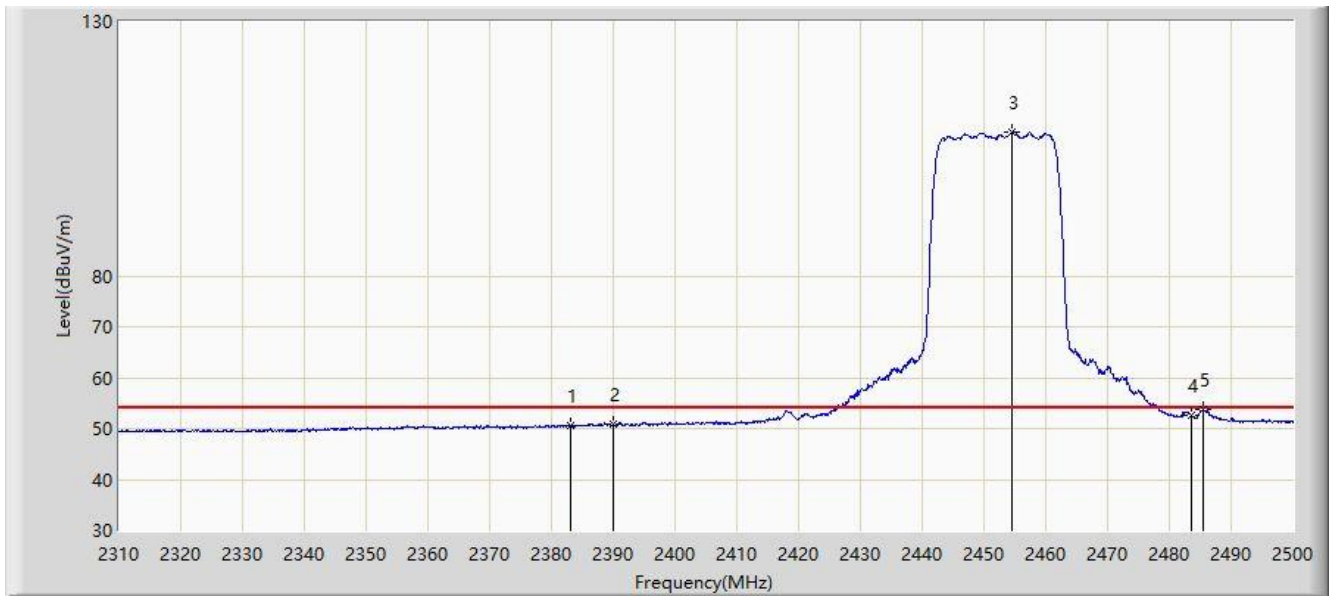


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2357.785	62.786	31.805	-11.214	74.000	30.982	PK
2			2390.000	61.023	30.117	-12.977	74.000	30.906	PK
3		*	2448.890	119.127	88.276	NA	NA	30.851	PK
4			2483.500	67.295	36.407	-6.705	74.000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

Note: Measure Level (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	

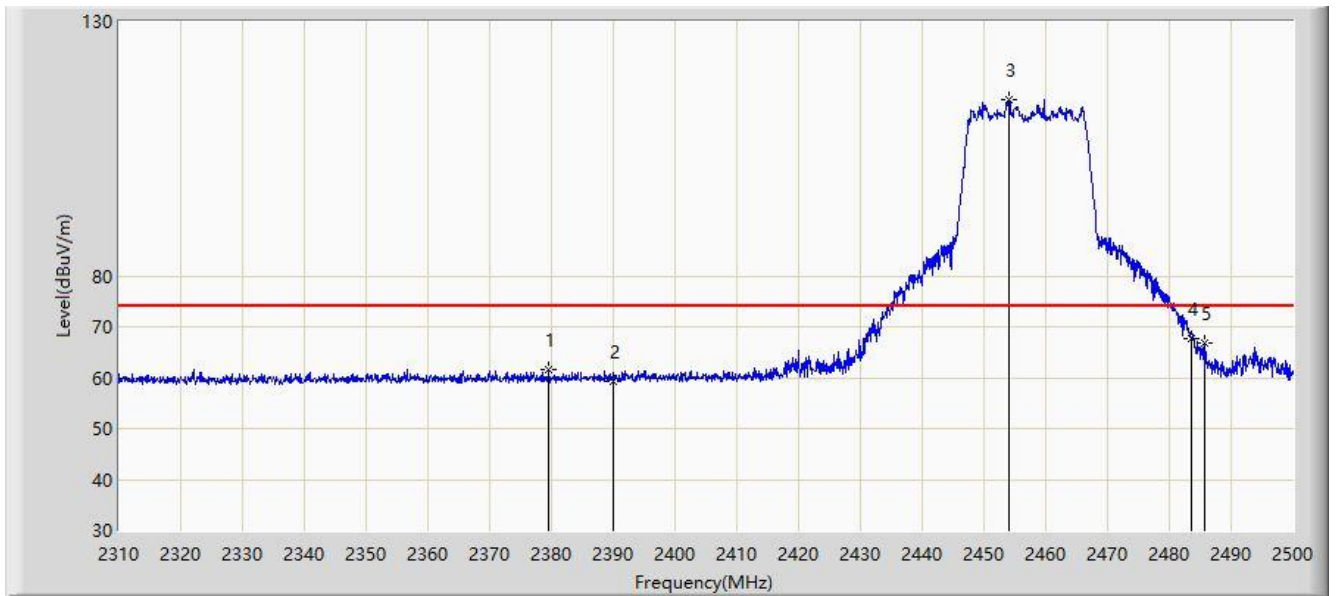


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.150	50.670	19.748	-3.330	54.000	30.922	AV
2			2390.000	50.879	19.973	-3.121	54.000	30.906	AV
3	X	*	2454.495	108.131	77.281	NA	NA	30.850	AV
4			2483.500	52.604	21.716	-1.396	54.000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

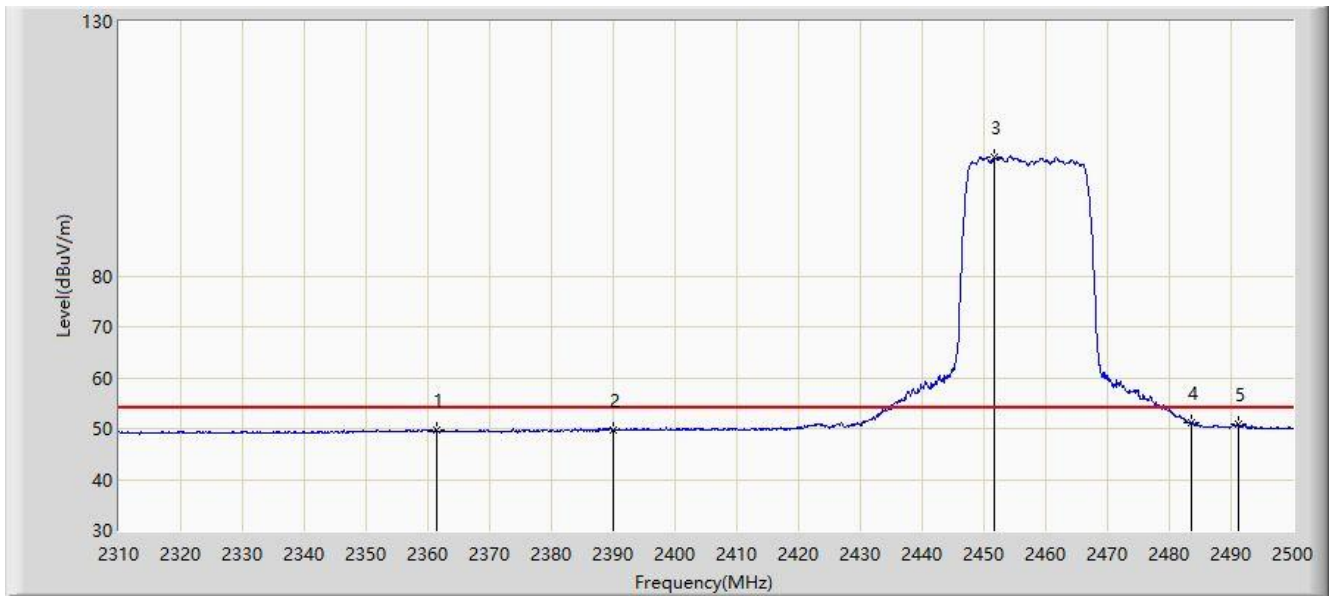


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.635	61.529	30.599	-12.471	74.000	30.930	PK
2			2390.000	59.260	28.354	-14.740	74.000	30.906	PK
3		*	2454.020	114.742	83.892	NA	NA	30.851	PK
4			2483.500	67.723	36.835	-6.277	74.000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

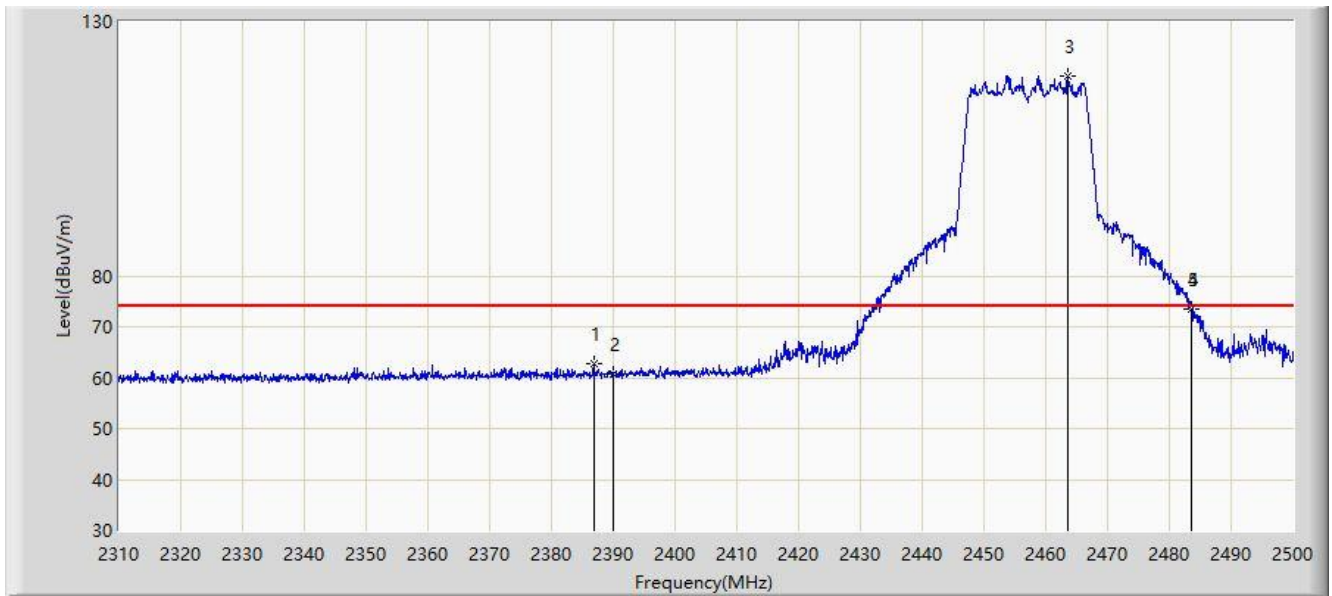


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2361.490	49.759	18.786	-4.241	54.000	30.973	AV
2			2390.000	49.801	18.895	-4.199	54.000	30.906	AV
3		*	2451.740	103.469	72.619	NA	NA	30.850	AV
4			2483.500	51.180	20.292	-2.820	54.000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

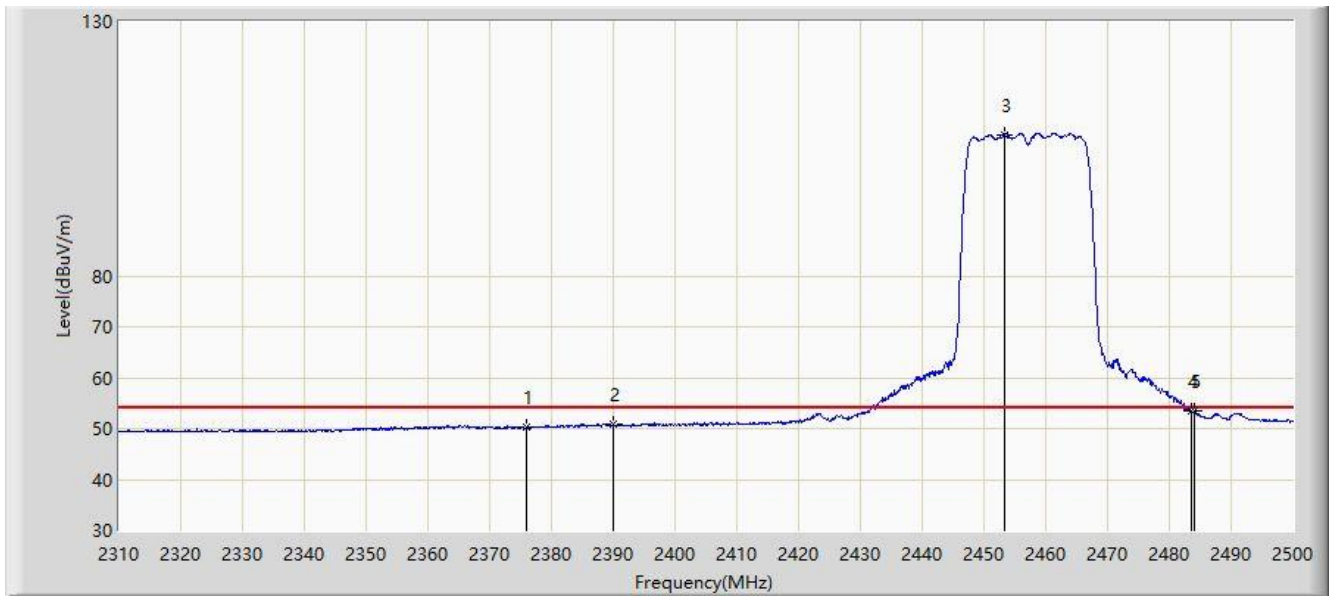


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.855	62.721	31.808	-11.279	74.000	30.913	PK
2			2390.000	60.769	29.863	-13.231	74.000	30.906	PK
3		*	2463.520	119.380	88.527	NA	NA	30.853	PK
4			2483.500	73.383	42.495	-0.617	74.000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

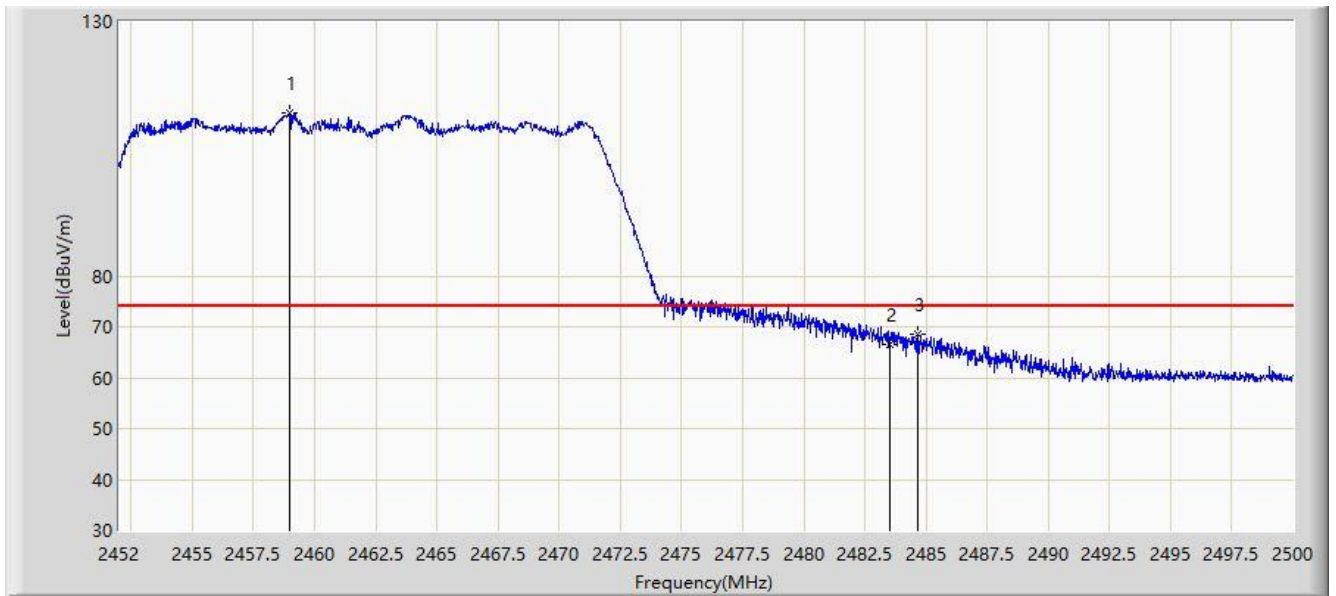


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.930	50.354	19.415	-3.646	54.000	30.939	AV
2			2390.000	50.752	19.846	-3.248	54.000	30.906	AV
3		*	2453.260	107.817	76.967	NA	NA	30.850	AV
4			2483.500	53.395	22.507	-0.605	54.000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

Note: Measure Level (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	

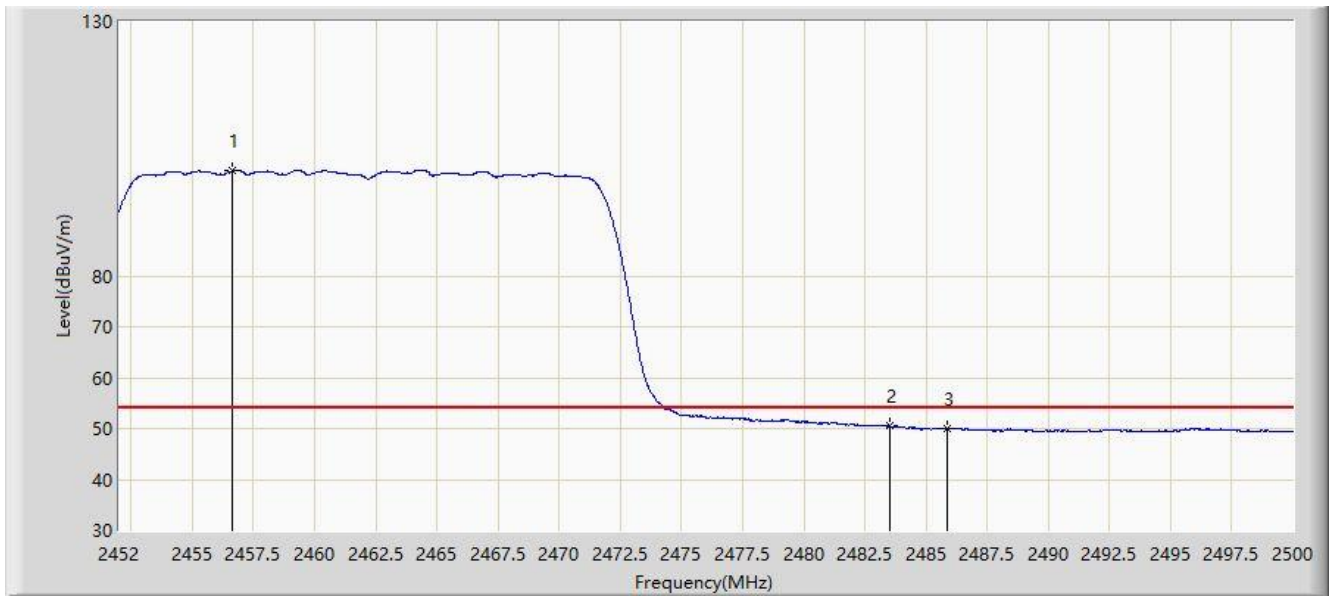


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2458.960	111.974	81.124	NA	NA	30.850	PK
2			2483.500	66.596	35.708	-7.404	74.000	30.888	PK
3			2484.640	68.432	37.545	-5.568	74.000	30.887	PK

Note: Measure Level (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	

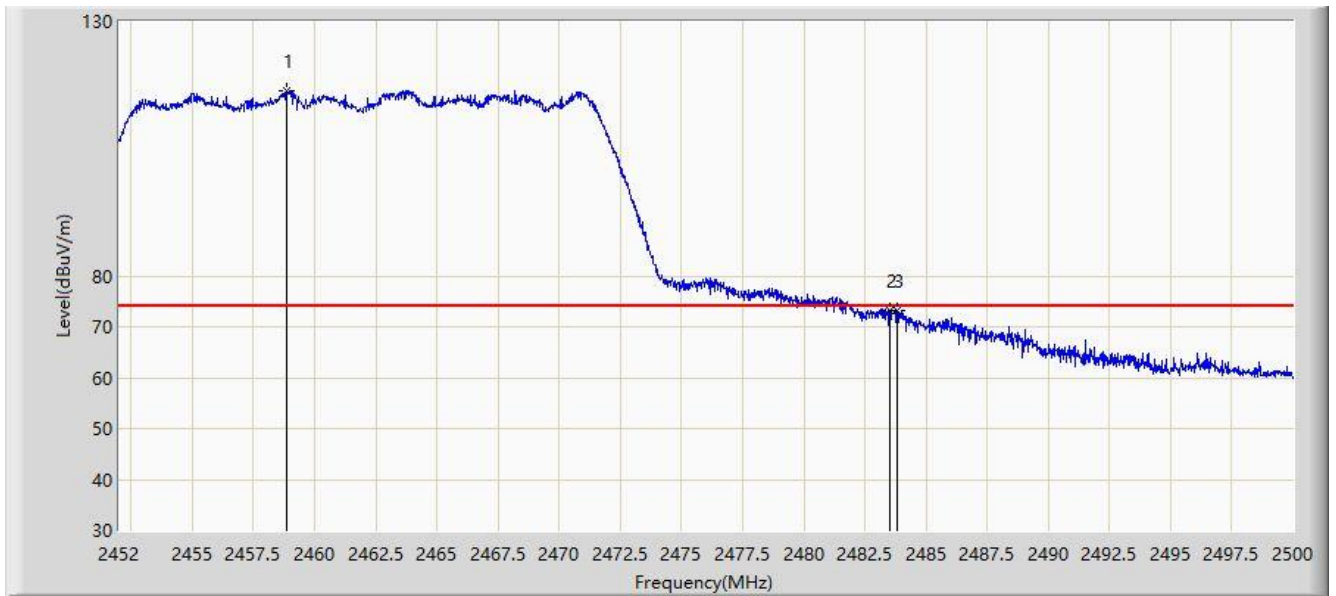


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2456.632	100.654	69.804	NA	NA	30.850	AV
2			2483.500	50.438	19.550	-3.562	54.000	30.888	AV
3			2485.864	49.941	19.055	-4.059	54.000	30.886	AV

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	

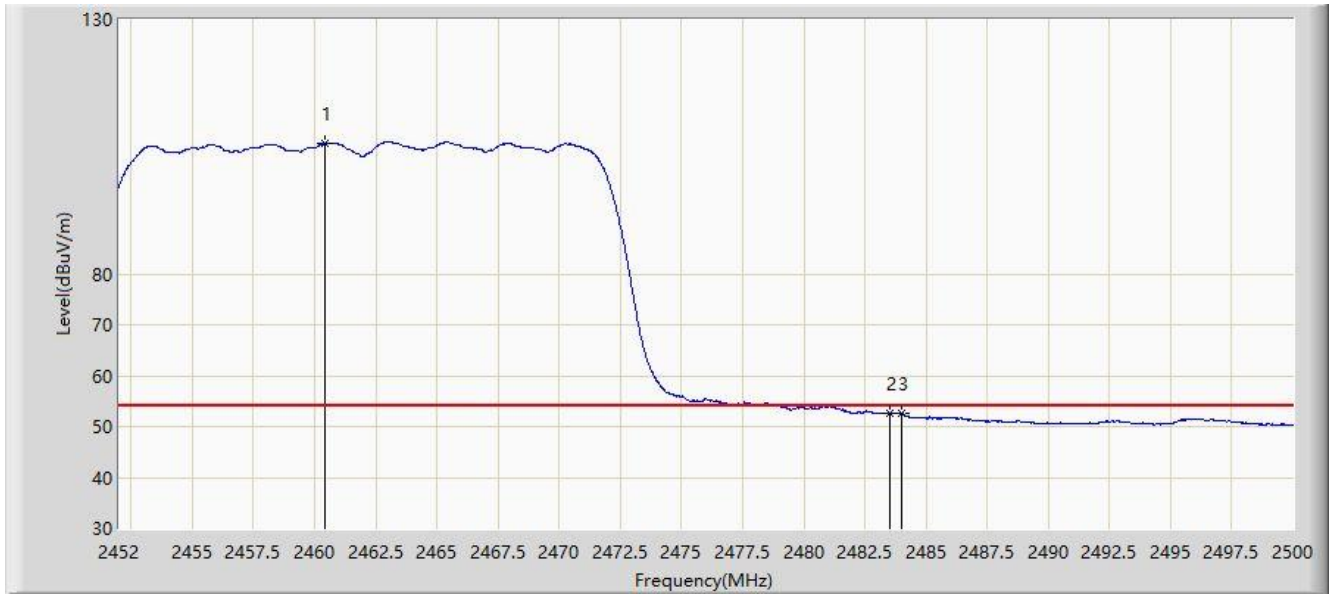


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2458.864	116.294	85.444	NA	NA	30.850	PK
2			2483.500	73.091	42.203	-0.909	74.000	30.888	PK
3			2483.848	73.292	42.404	-0.708	74.000	30.888	PK

Note: Measure Level (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	

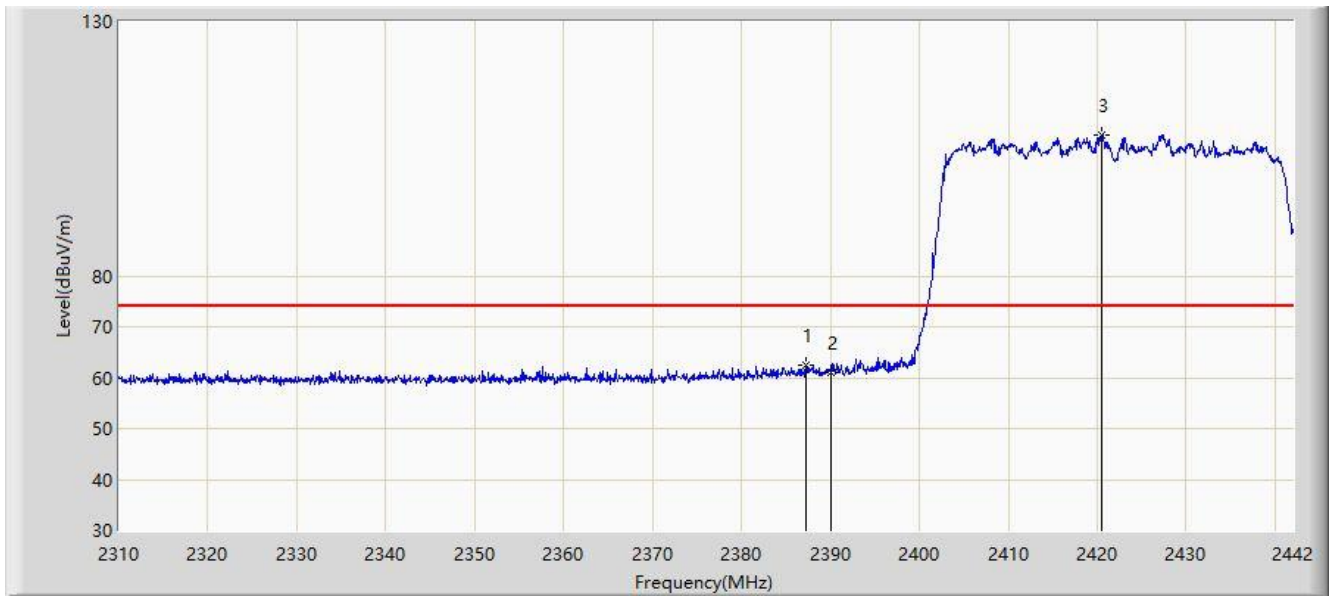


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2460.448	105.645	74.795	NA	NA	30.850	AV
2			2483.500	52.696	21.808	-1.304	54.000	30.888	AV
3			2483.992	52.577	21.689	-1.423	54.000	30.888	AV

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	

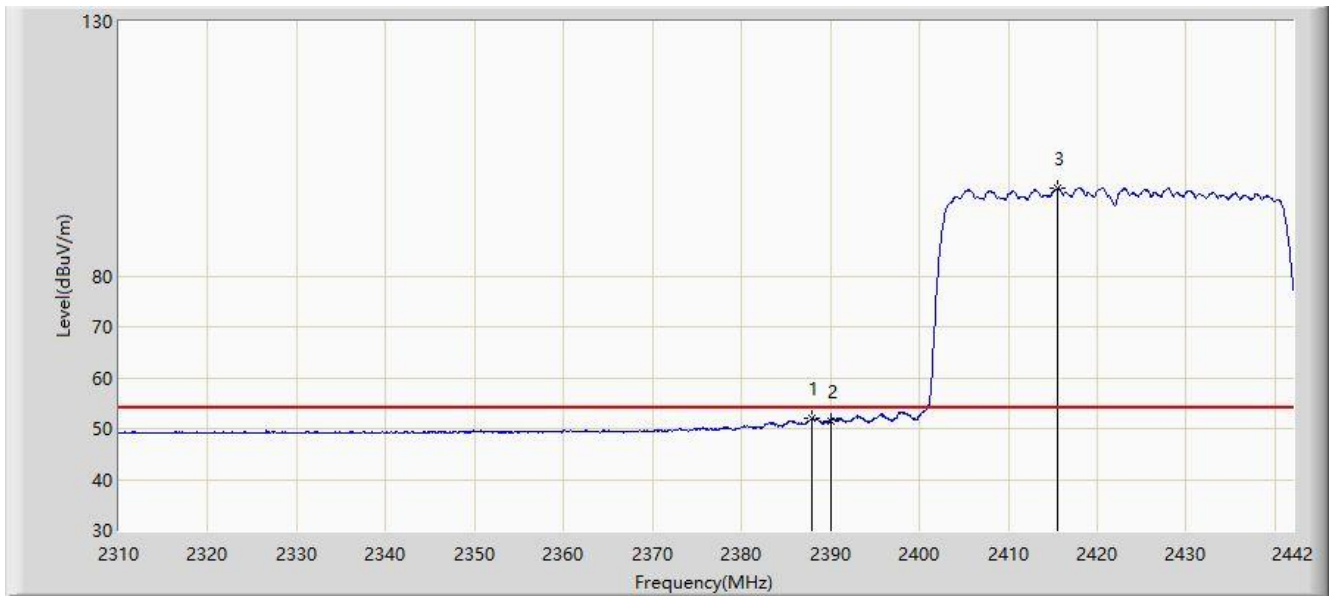


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			2387.286	62.593	31.681	-11.407	74.000	30.913	PK
2			2390.000	61.077	30.171	-12.923	74.000	30.906	PK
3		*	2420.484	107.562	76.684	NA	NA	30.878	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + 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	

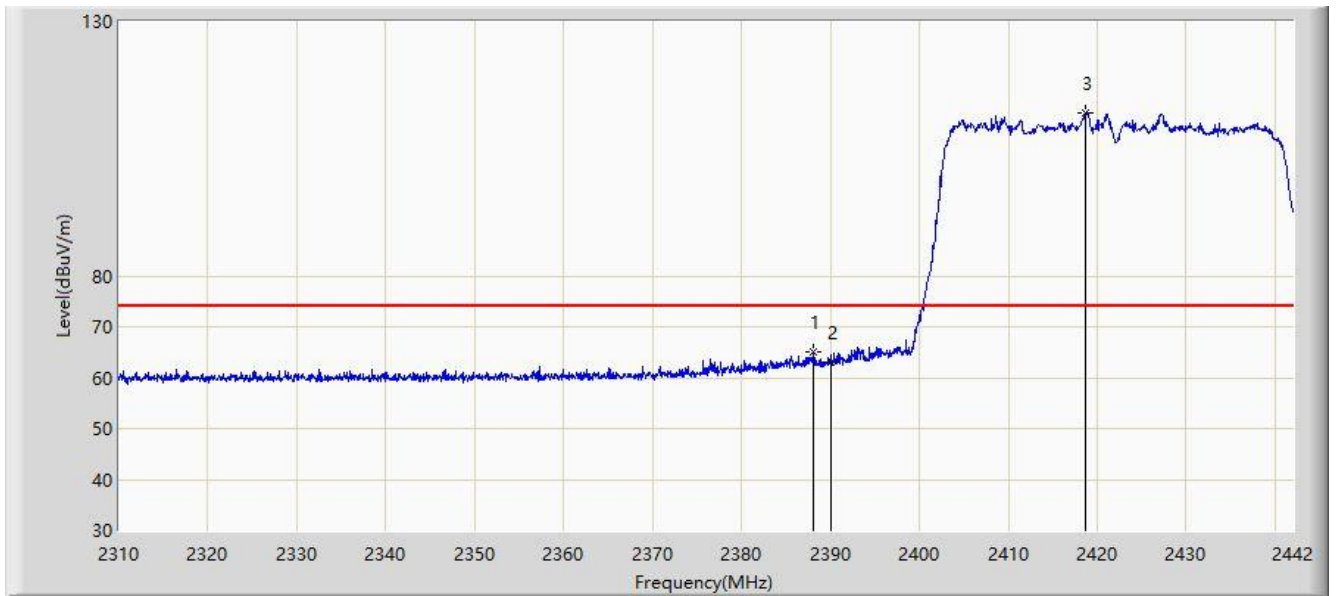


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2387.880	51.914	21.003	-2.086	54.000	30.911	AV
2			2390.000	51.462	20.556	-2.538	54.000	30.906	AV
3		*	2415.534	97.335	66.447	NA	NA	30.887	AV

Note: Measure Level (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: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

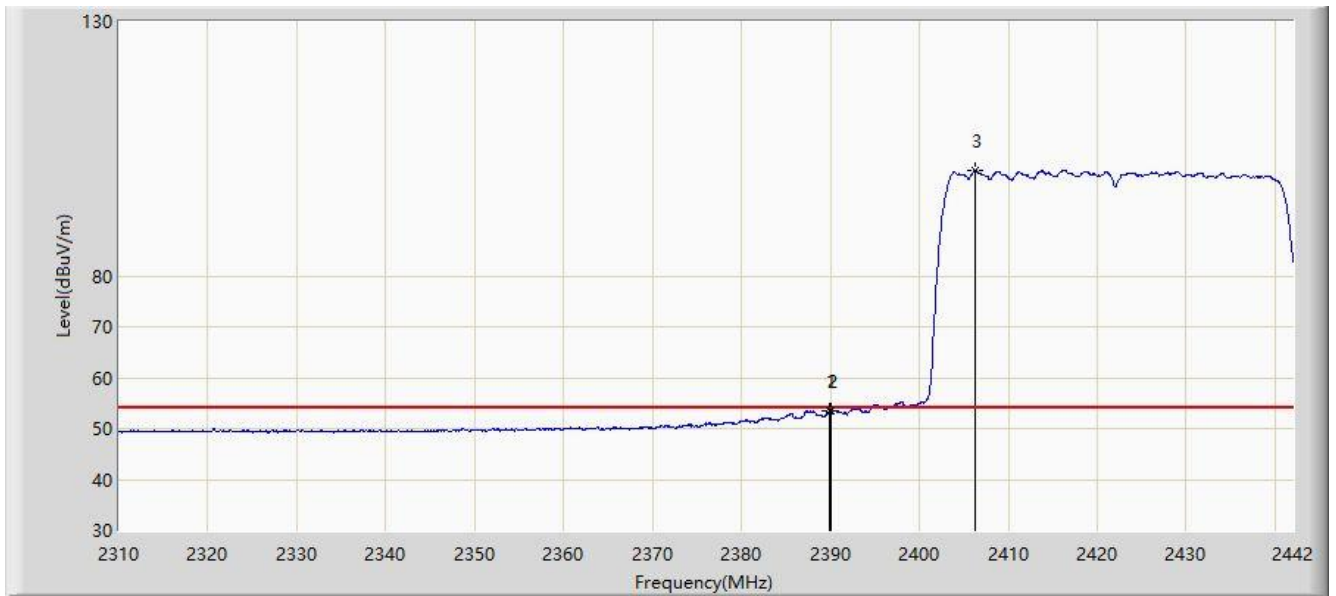


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2388.078	65.066	34.156	-8.934	74.000	30.910	PK
2			2390.000	62.987	32.081	-11.013	74.000	30.906	PK
3		*	2418.702	112.090	81.208	NA	NA	30.881	PK

Note: Measure Level (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: Vertical
EUT: AX1800 Dual-band Mesh WiFi	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 2422MHz	

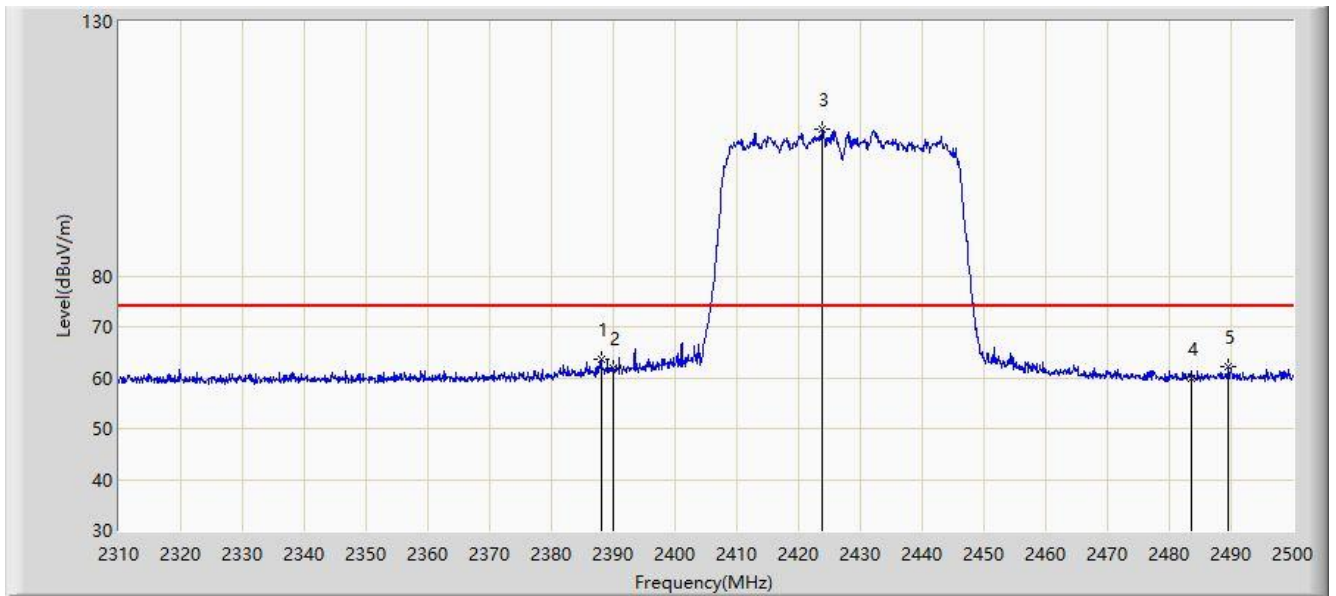


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2389.860	53.622	22.716	-0.378	54.000	30.906	AV
2			2390.000	53.372	22.466	-0.628	54.000	30.906	AV
3		*	2406.294	100.694	69.798	NA	NA	30.896	AV

Note: Measure Level (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 2427MHz	

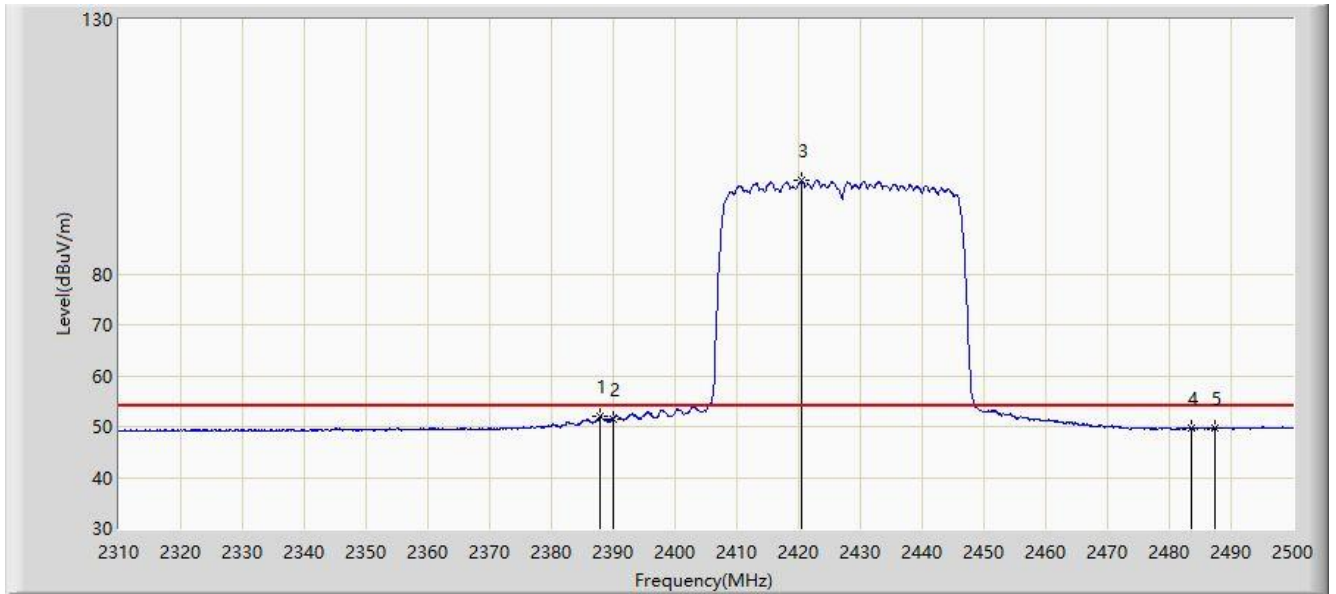


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	63.748	32.837	-10.252	74.000	30.911	PK
2			2390.000	61.746	30.840	-12.254	74.000	30.906	PK
3		*	2423.715	108.704	77.832	NA	NA	30.872	PK
4			2483.500	59.724	28.836	-14.276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

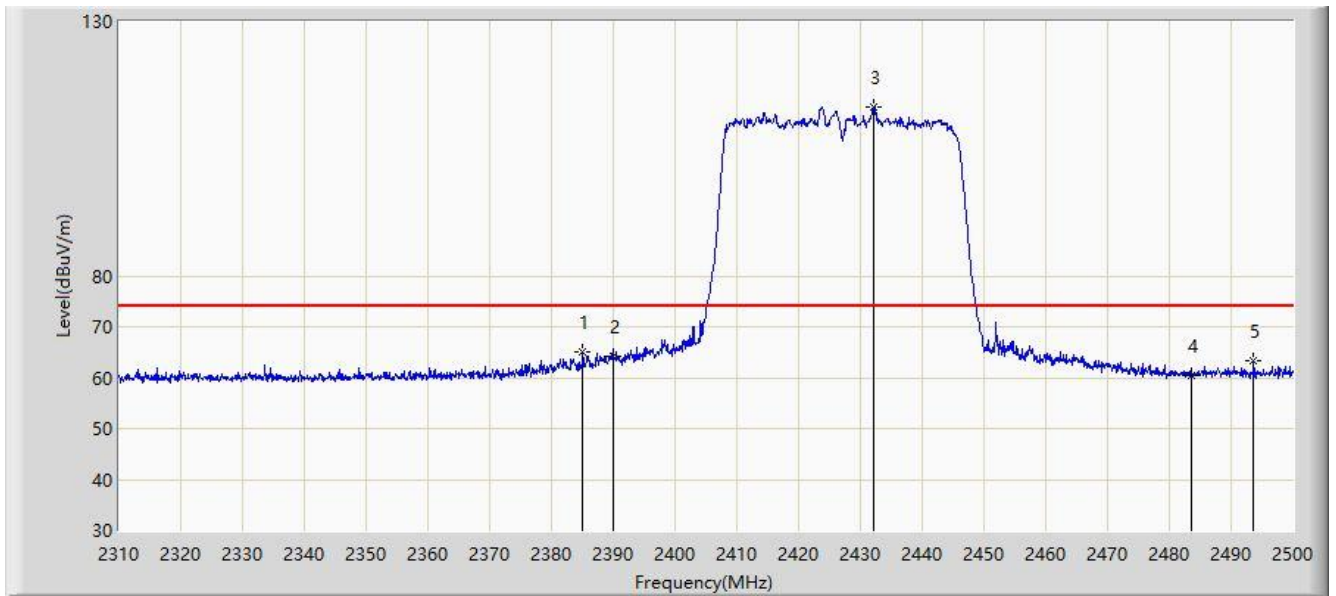


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.900	52.013	21.102	-1.987	54.000	30.911	AV
2			2390.000	51.538	20.632	-2.462	54.000	30.906	AV
3		*	2420.390	98.294	67.416	NA	NA	30.879	AV
4			2483.500	49.597	18.709	-4.403	54.000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

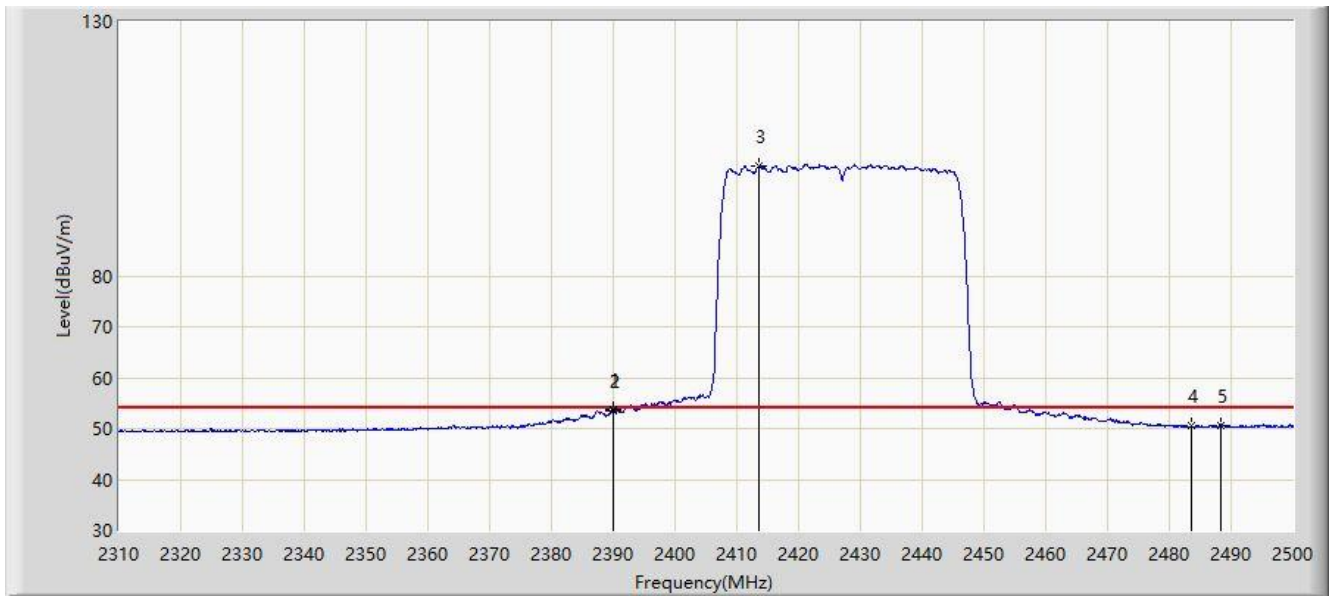


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.050	65.158	34.240	-8.842	74.000	30.917	PK
2			2390.000	64.200	33.294	-9.800	74.000	30.906	PK
3		*	2432.170	113.215	82.354	NA	NA	30.861	PK
4			2483.500	60.513	29.625	-13.487	74.000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

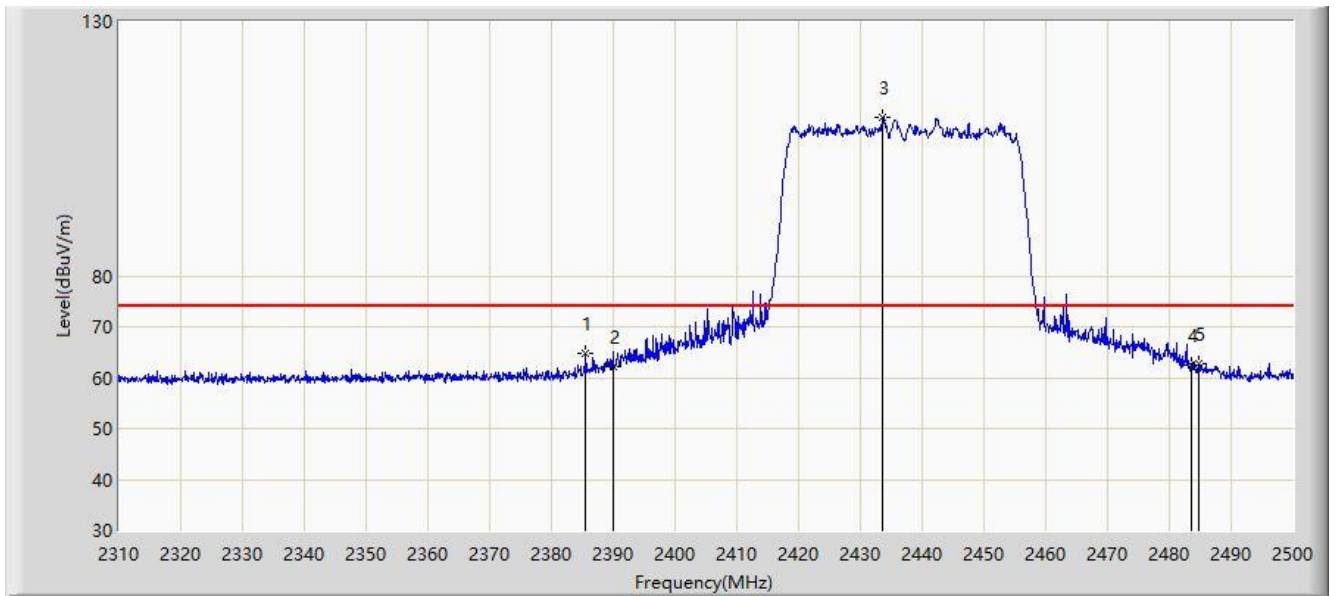


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.895	53.674	22.768	-0.326	54.000	30.906	AV
2			2390.000	53.546	22.640	-0.454	54.000	30.906	AV
3		*	2413.645	101.621	70.730	NA	NA	30.891	AV
4			2483.500	50.474	19.586	-3.526	54.000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

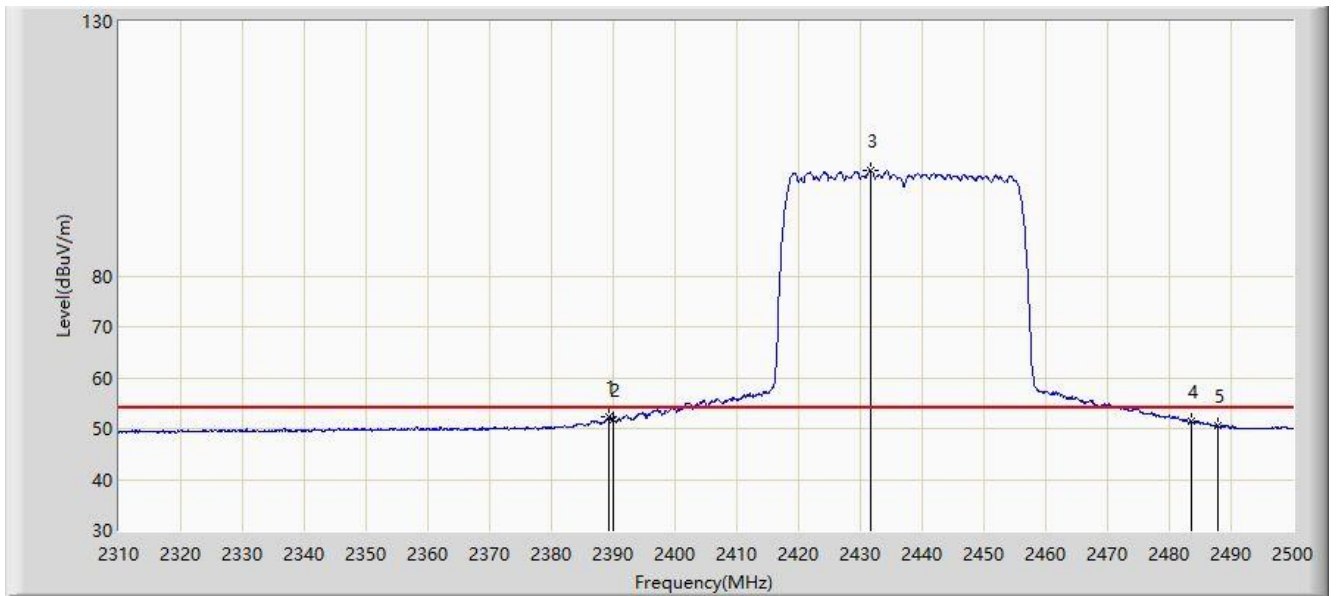


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.525	64.638	33.722	-9.362	74.000	30.917	PK
2			2390.000	62.065	31.159	-11.935	74.000	30.906	PK
3		*	2433.595	111.269	80.409	NA	NA	30.860	PK
4			2483.500	62.496	31.608	-11.504	74.000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

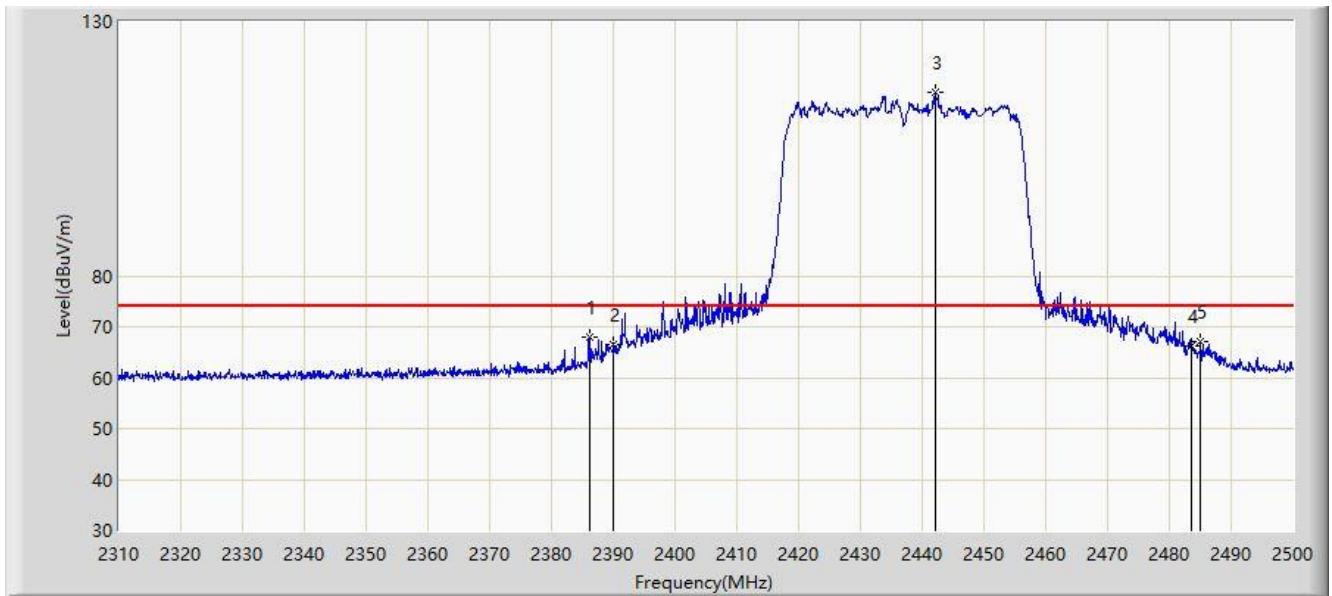


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.230	52.216	21.308	-1.784	54.000	30.908	AV
2			2390.000	51.810	20.904	-2.190	54.000	30.906	AV
3		*	2431.600	100.668	69.807	NA	NA	30.861	AV
4			2483.500	51.335	20.447	-2.665	54.000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

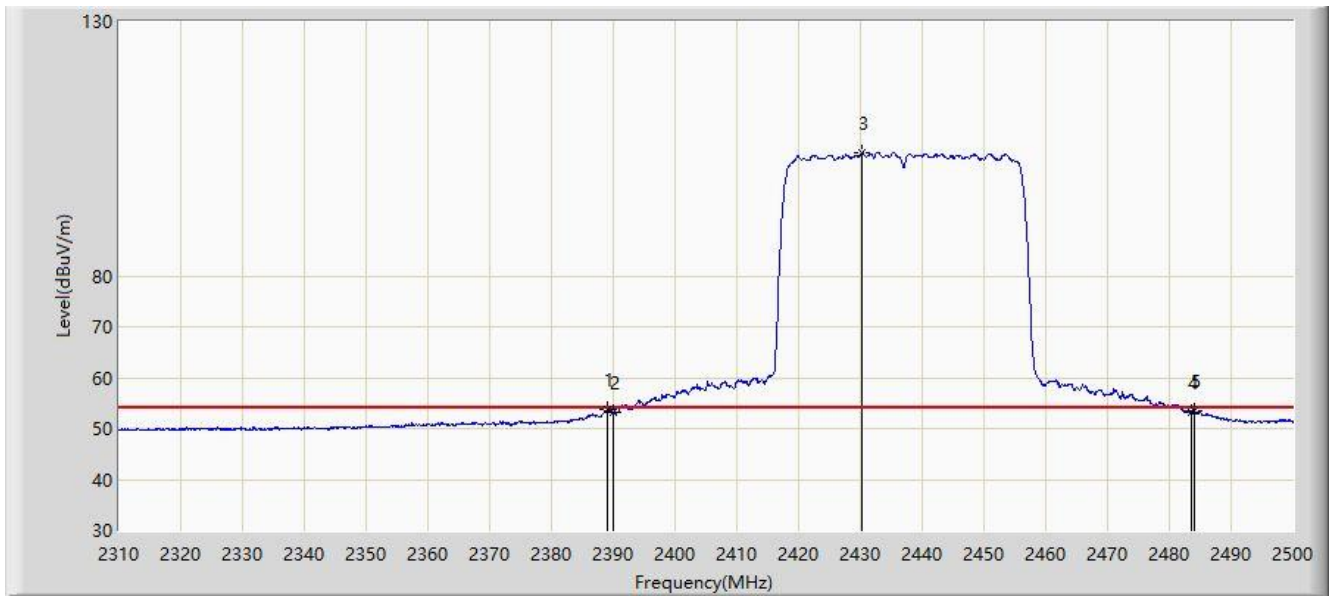


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.095	67.971	37.056	-6.029	74.000	30.915	PK
2			2390.000	66.606	35.700	-7.394	74.000	30.906	PK
3		*	2442.145	115.976	85.123	NA	NA	30.853	PK
4			2483.500	66.341	35.453	-7.659	74.000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

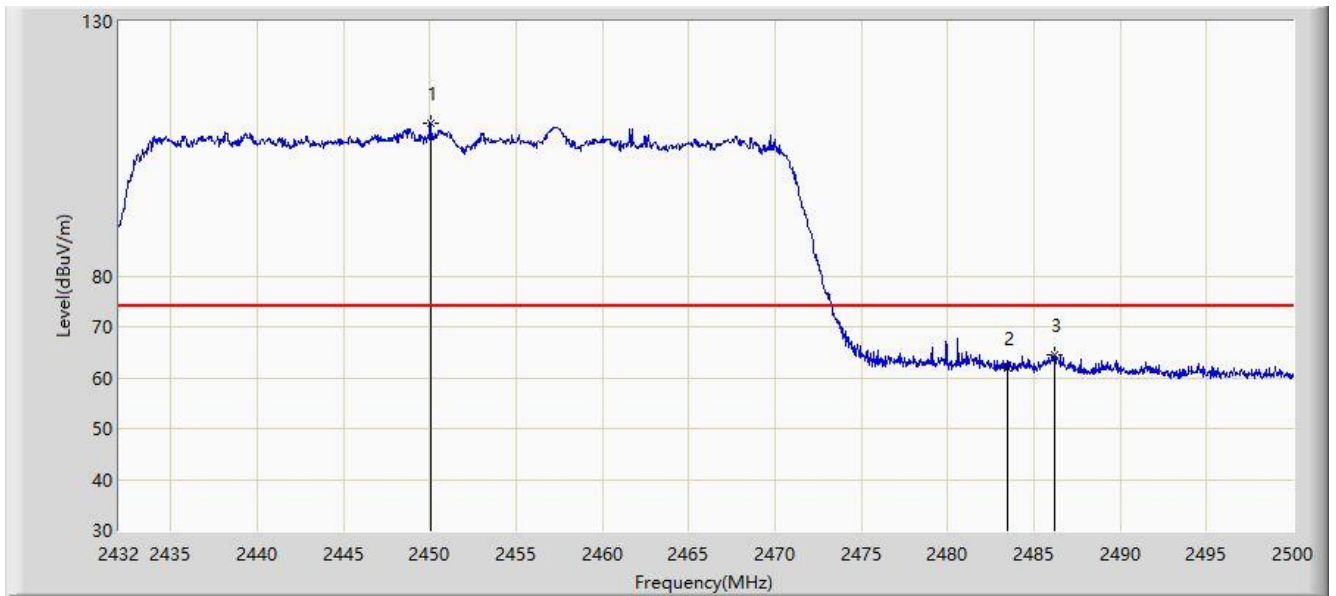


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.945	53.841	22.933	-0.159	54.000	30.908	AV
2			2390.000	53.079	22.173	-0.921	54.000	30.906	AV
3		*	2430.270	104.070	73.208	NA	NA	30.862	AV
4			2483.500	53.319	22.431	-0.681	54.000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

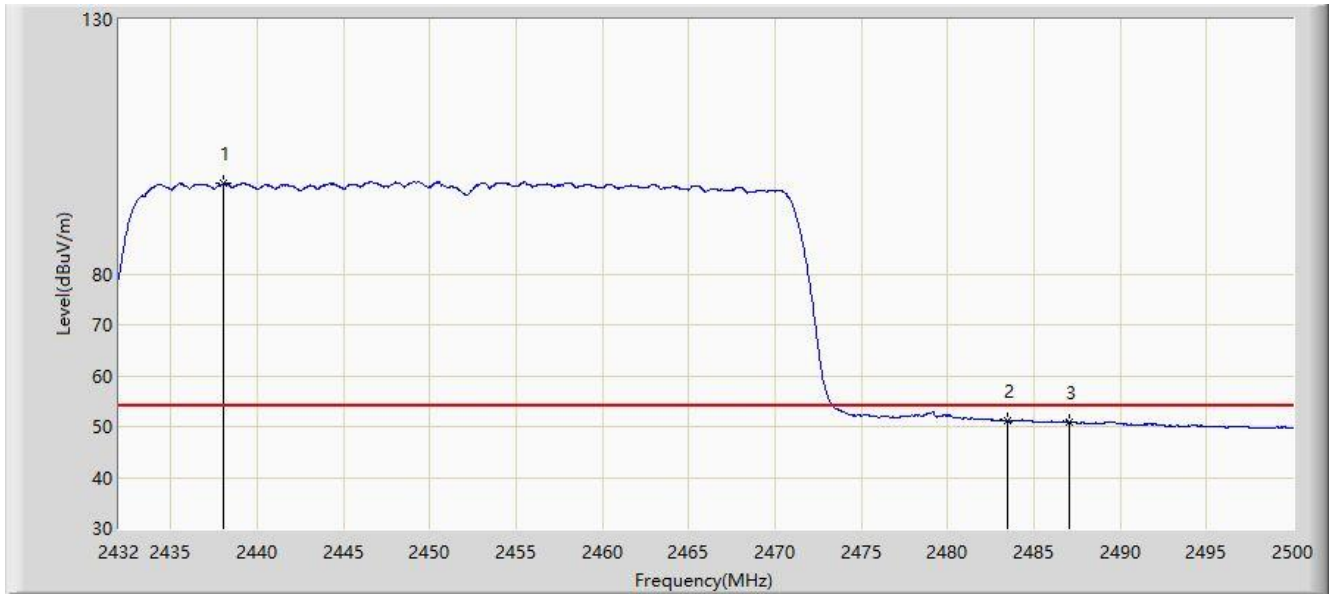


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2450.054	109.982	79.131	NA	NA	30.851	PK
2			2483.500	61.748	30.860	-12.252	74.000	30.888	PK
3			2486.162	64.536	33.650	-9.464	74.000	30.886	PK

Note: Measure Level (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-HE40 at channel 2452MHz	

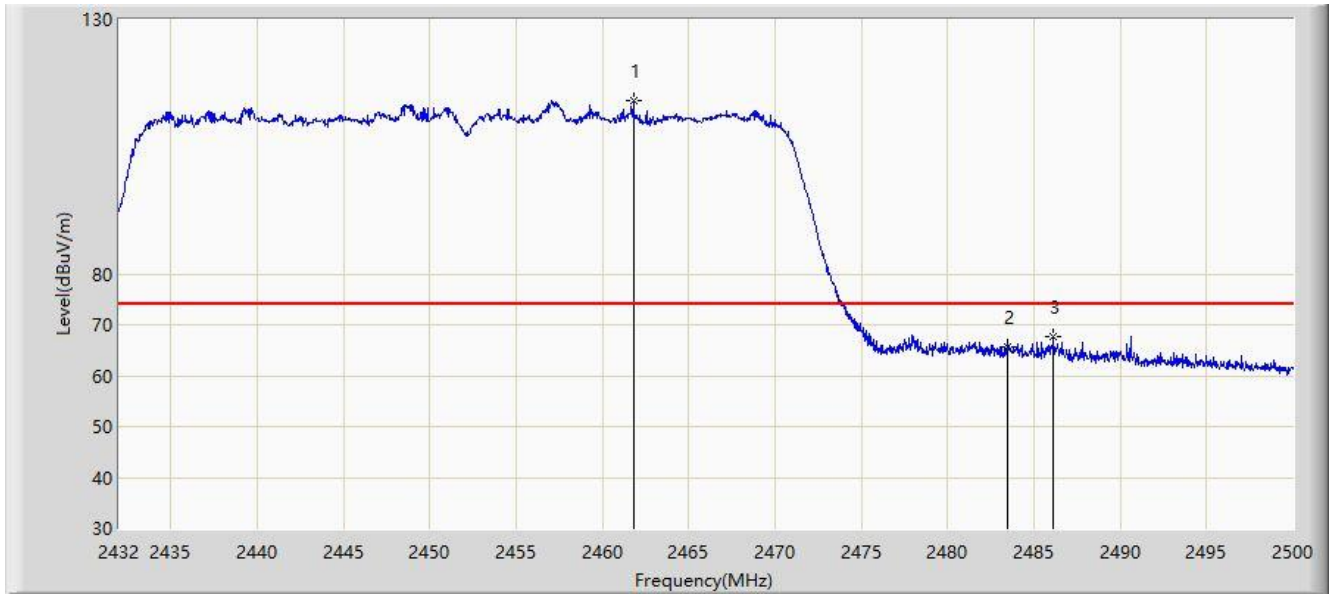


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2438.086	97.876	67.020	NA	NA	30.856	AV
2			2483.500	51.048	20.160	-2.952	54.000	30.888	AV
3			2487.046	50.992	20.106	-3.008	54.000	30.886	AV

Note: Measure Level (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-HE40 at channel 2452MHz	

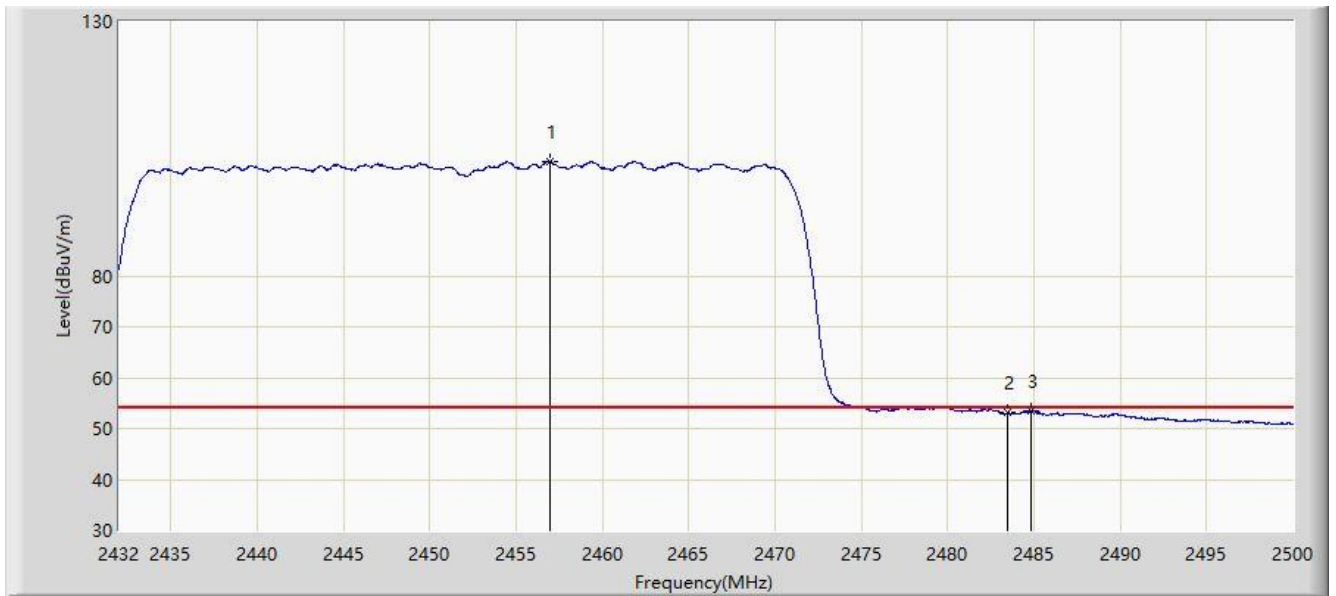


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2461.784	114.072	83.222	NA	NA	30.850	PK
2			2483.500	65.780	34.892	-8.220	74.000	30.888	PK
3			2486.128	67.780	36.894	-6.220	74.000	30.886	PK

Note: Measure Level (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-HE40 at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/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 (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

5.8. AC Conducted Emissions Measurement

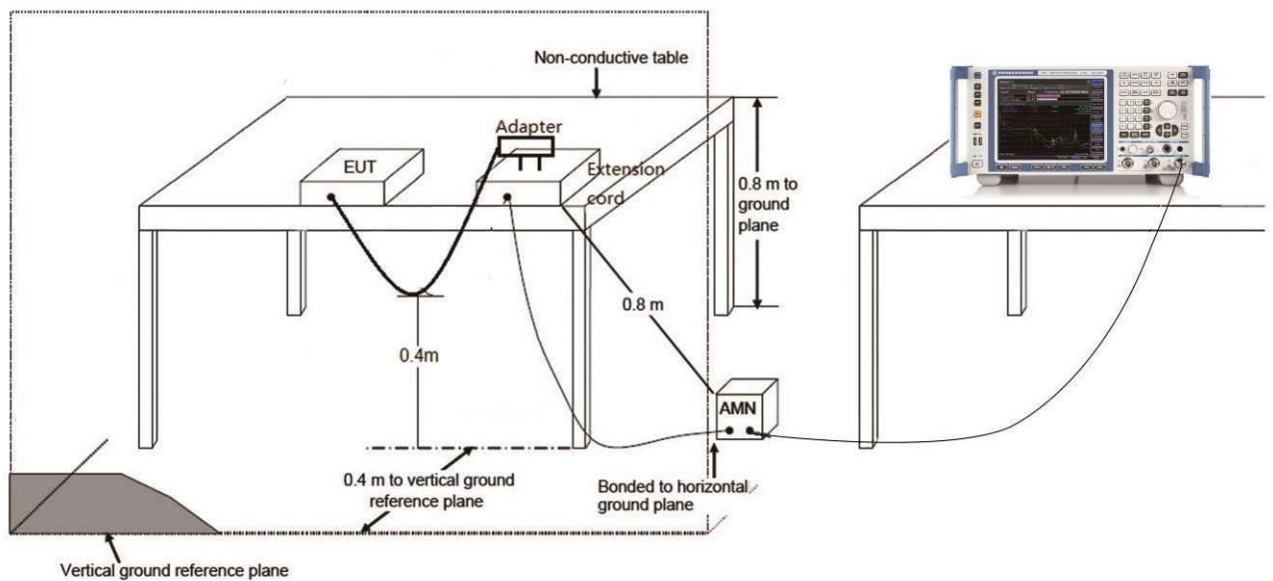
5.8.1. Test Limit

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.

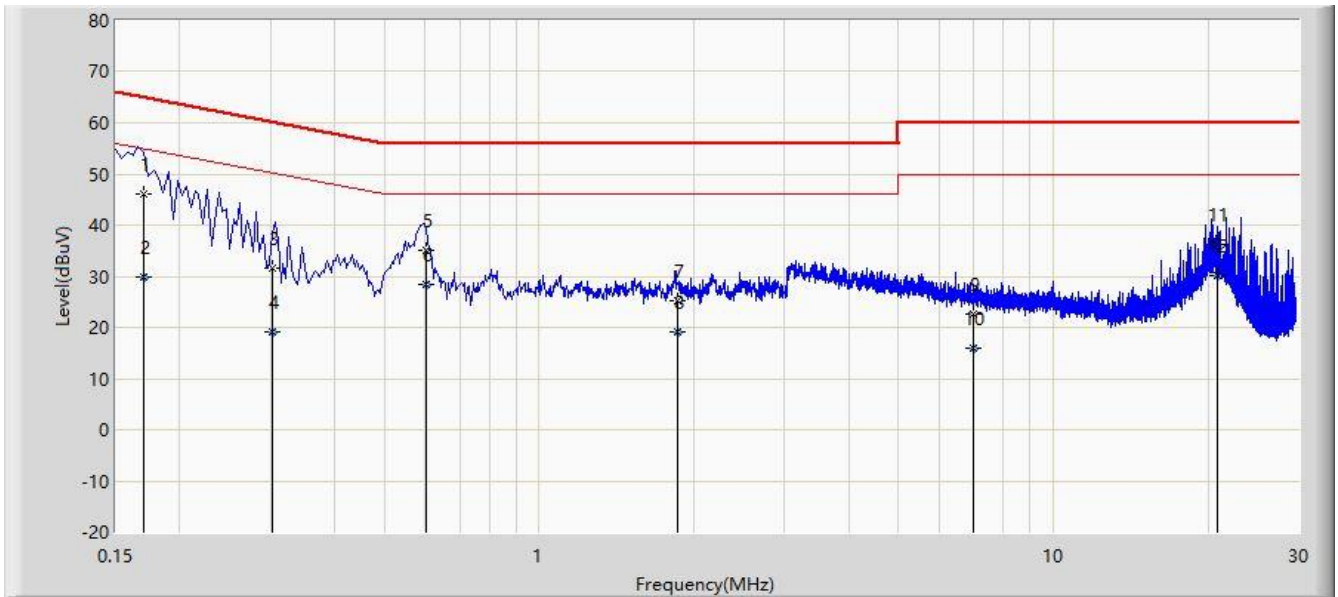
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

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	

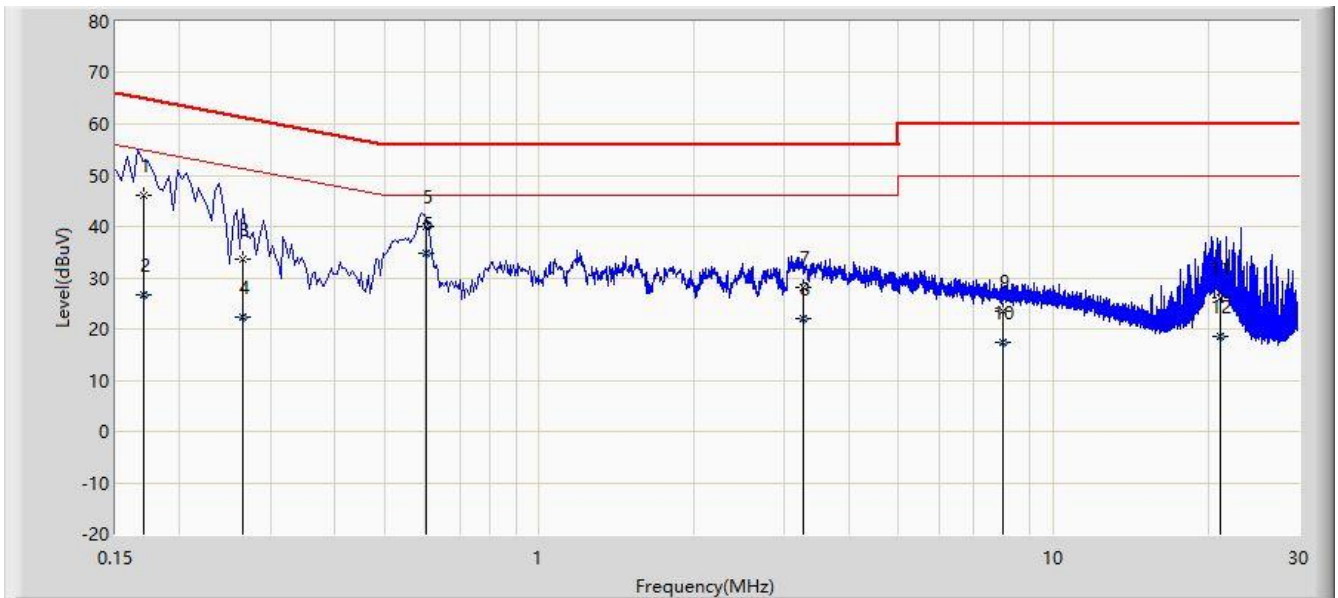


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1			0.170	46.231	36.691	-18.729	64.960	9.540	QP
2			0.170	29.922	20.382	-25.038	54.960	9.540	AV
3			0.302	31.537	21.992	-28.651	60.188	9.545	QP
4			0.302	18.987	9.442	-31.201	50.188	9.545	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 (dB μ V)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V)	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 (dB μ V) = Reading Level (dB μ V) + 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.