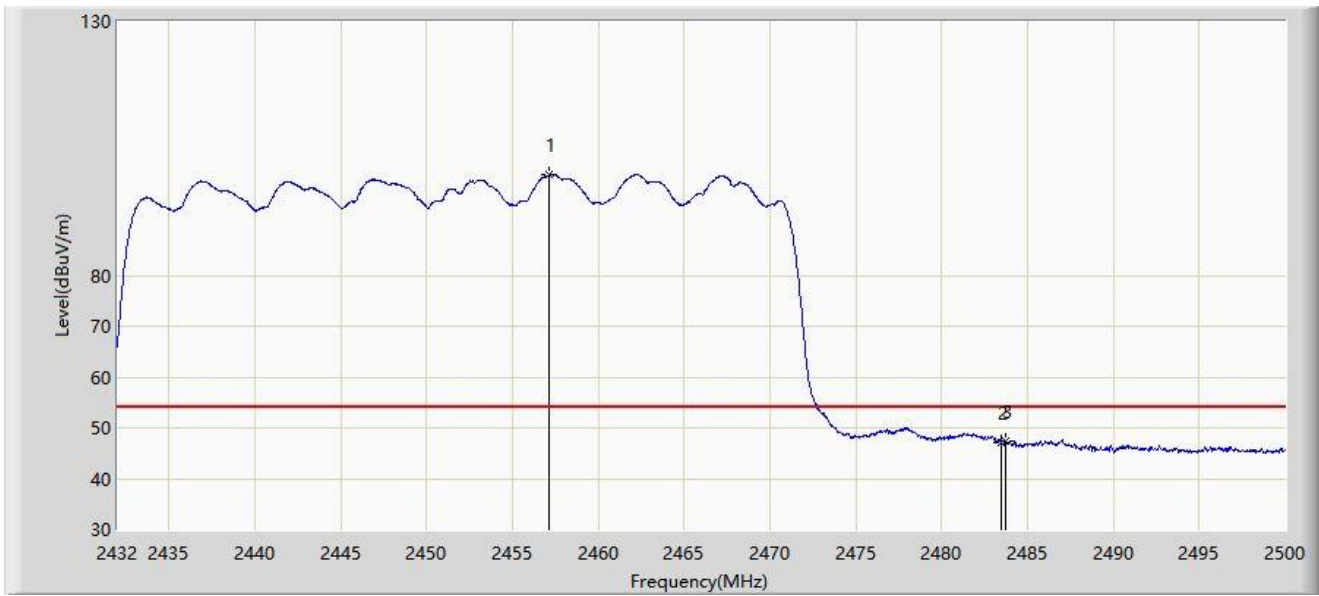


Site: WZ-AC1	Test Date: 2023-03-04
Limit: FCC_2.4G_RE(3m)	Engineer: Charles Zhang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



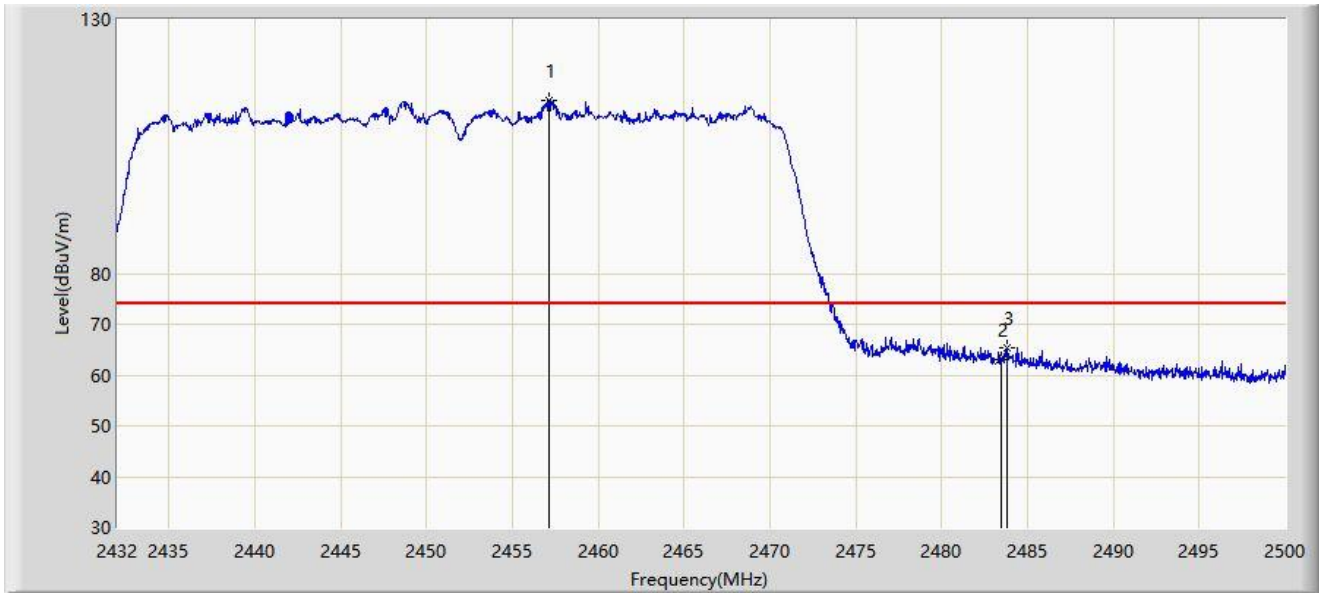
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2457.160	99.864	68.991	N/A	N/A	30.874	AV
2		2483.500	46.973	16.082	-7.027	54.000	30.892	AV
3	*	2483.714	47.452	16.561	-6.548	54.000	30.892	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-03-04
Limit: FCC_2.4G_RE(3m)	Engineer: Charles Zhang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



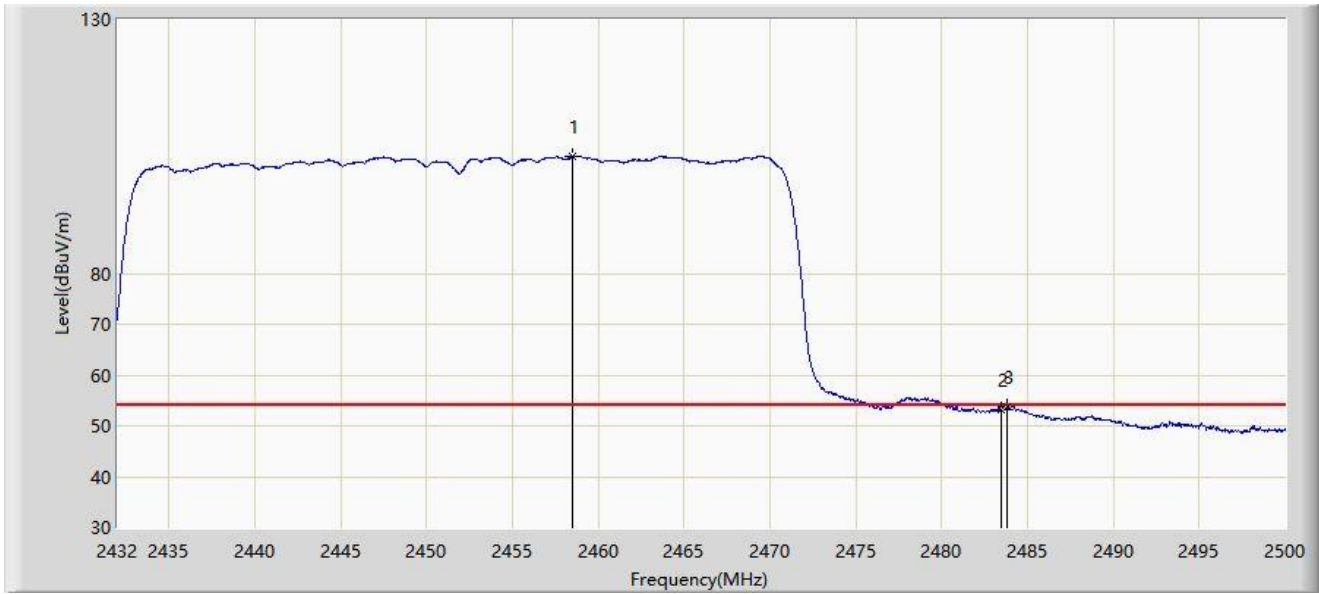
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2457.160	114.047	83.174	N/A	N/A	30.874	PK
2		2483.500	63.108	32.217	-10.892	74.000	30.892	PK
3	*	2483.782	65.376	34.485	-8.624	74.000	30.891	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC1	Test Date: 2023-03-04
Limit: FCC_2.4G_RE(3m)	Engineer: Charles Zhang
Probe: BBHA9120D_1167_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 2452MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2458.520	103.152	72.276	N/A	N/A	30.875	AV
2		2483.500	53.111	22.220	-0.889	54.000	30.892	AV
3	*	2483.850	53.864	22.973	-0.136	54.000	30.891	AV

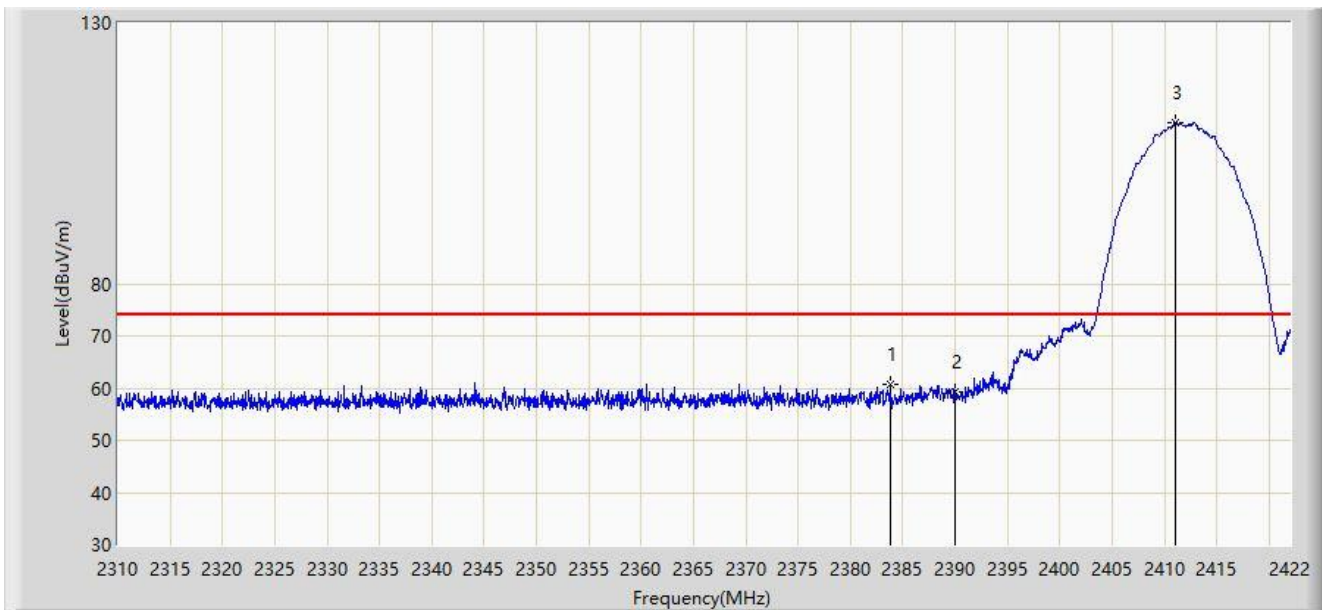
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

SISO Mode:

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



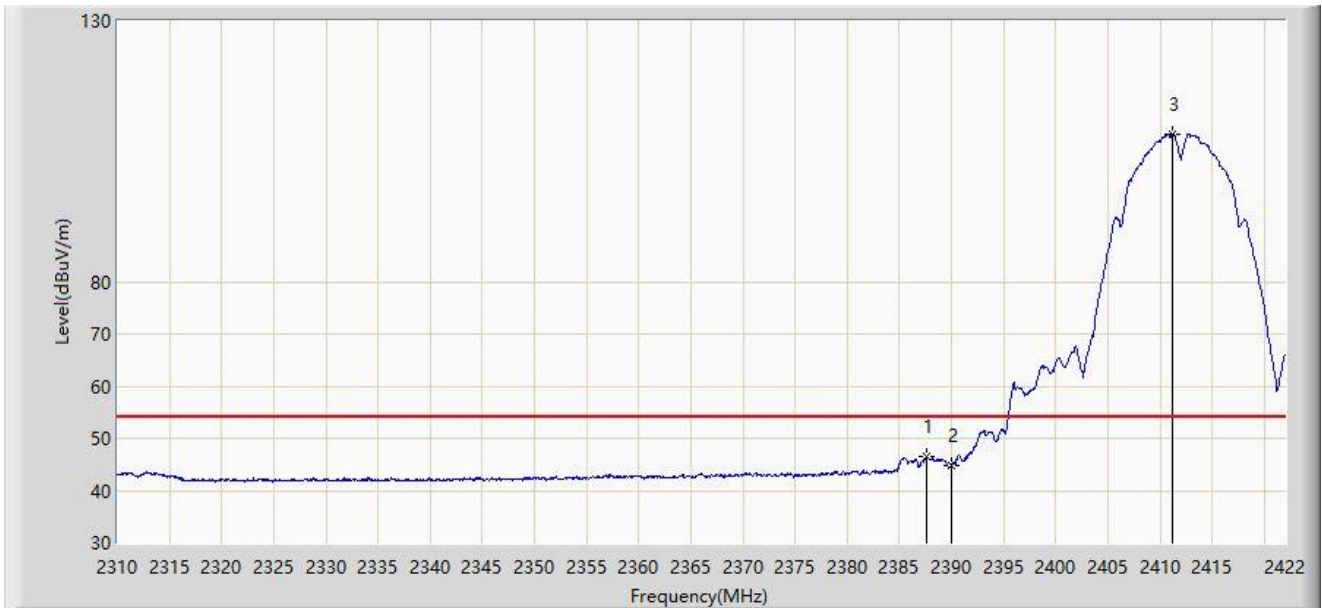
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2383.808	60.590	28.937	-13.410	74.000	31.653	PK
2		2390.000	59.214	27.599	-14.786	74.000	31.615	PK
3		2411.024	110.938	79.415	N/A	N/A	31.523	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



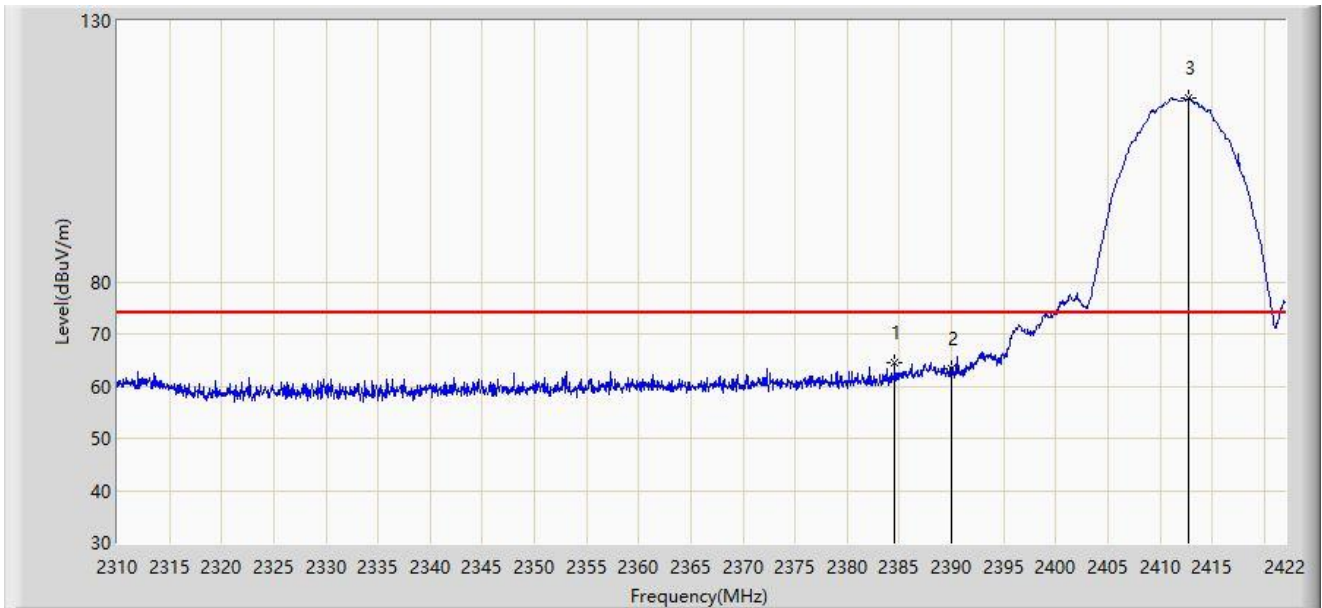
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.672	46.395	14.765	-7.605	54.000	31.629	AV
2		2390.000	44.887	13.272	-9.113	54.000	31.615	AV
3		2411.248	108.405	76.882	N/A	N/A	31.522	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



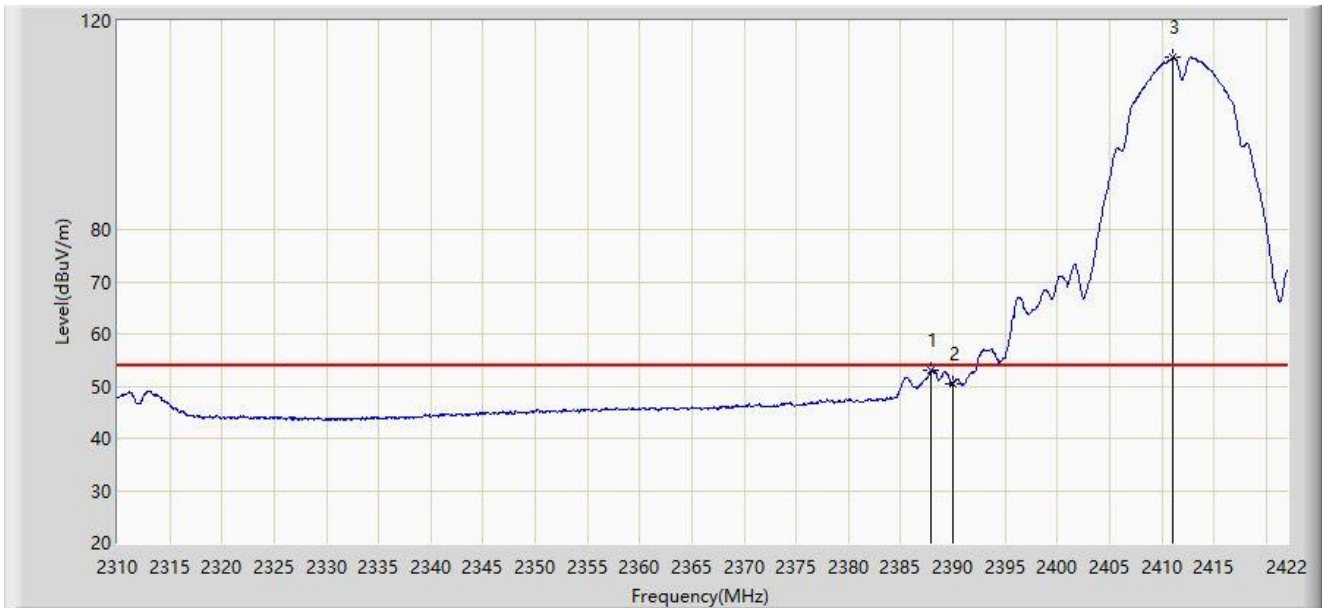
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2384.592	64.369	32.720	-9.631	74.000	31.649	PK
2		2390.000	63.193	31.578	-10.807	74.000	31.615	PK
3		2412.760	115.263	83.745	N/A	N/A	31.518	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2412MHz	



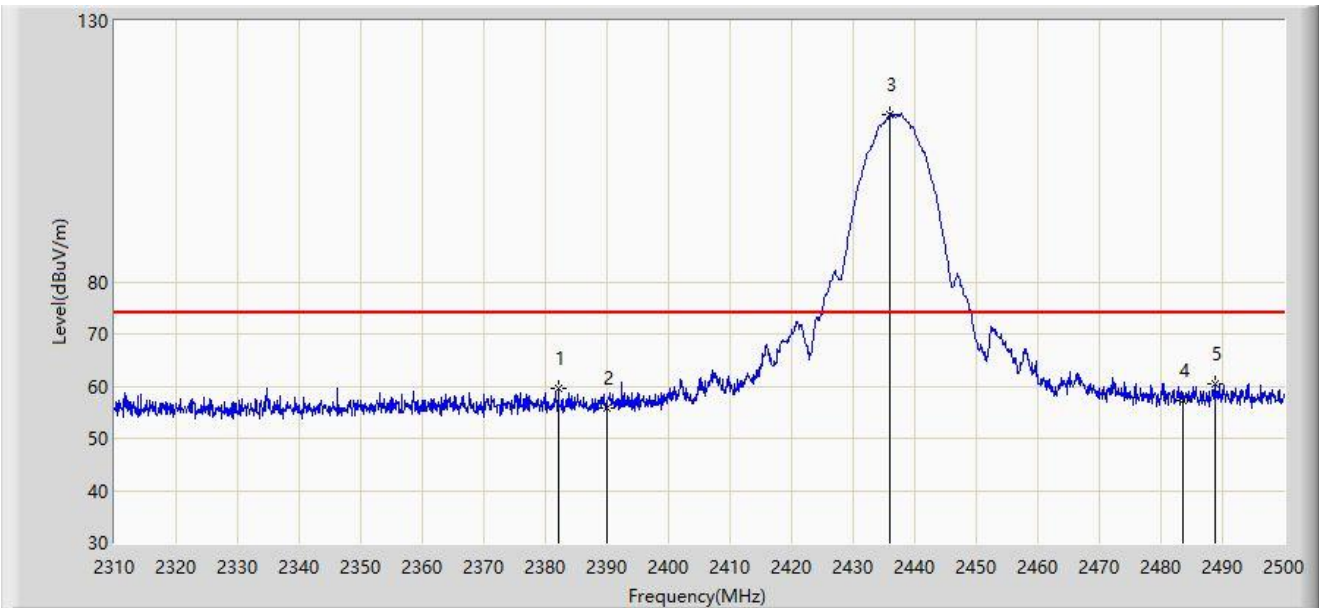
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	2387.952	53.078	21.450	-0.922	54.000	31.628	AV
2		2390.000	50.521	18.906	-3.479	54.000	31.615	AV
3		2411.080	113.073	81.550	N/A	N/A	31.523	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



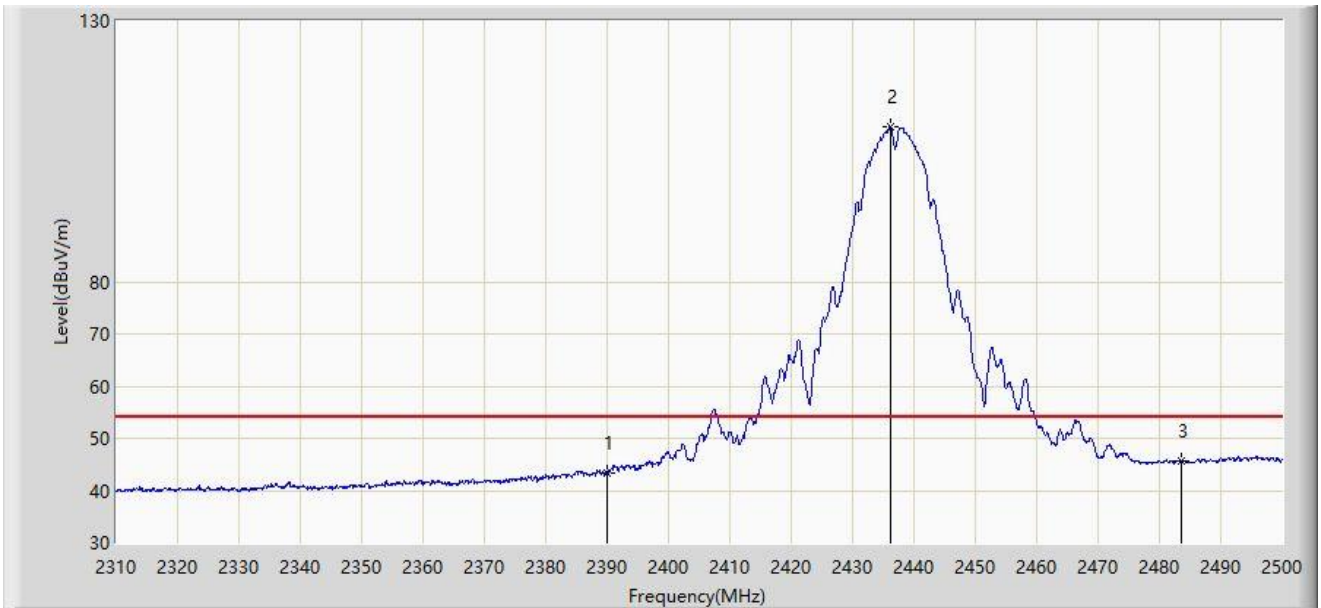
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2382.105	59.449	27.792	-14.551	74.000	31.657	PK
2		2390.000	55.735	24.120	-18.265	74.000	31.615	PK
3		2435.970	112.152	80.661	N/A	N/A	31.490	PK
4		2483.500	57.209	25.709	-16.791	74.000	31.500	PK
5	*	2488.695	60.545	29.042	-13.455	74.000	31.503	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



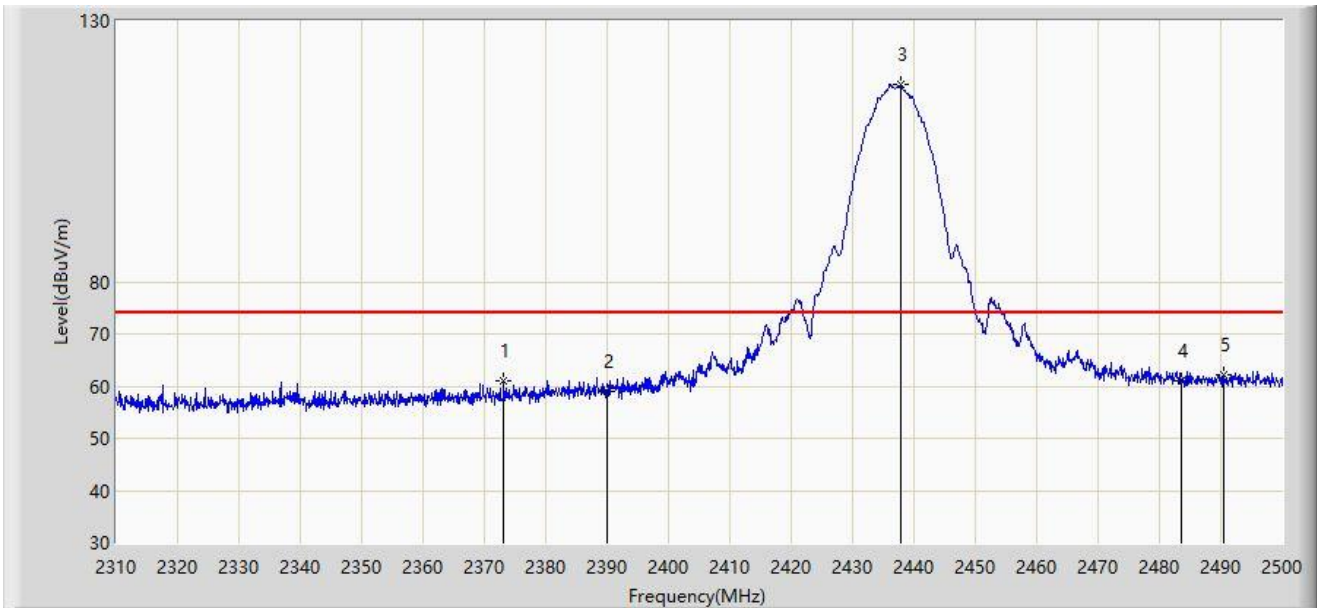
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2390.000	43.430	11.815	-10.570	54.000	31.615	AV
2		2436.160	109.719	78.228	N/A	N/A	31.491	AV
3	*	2483.500	45.573	14.073	-8.427	54.000	31.500	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



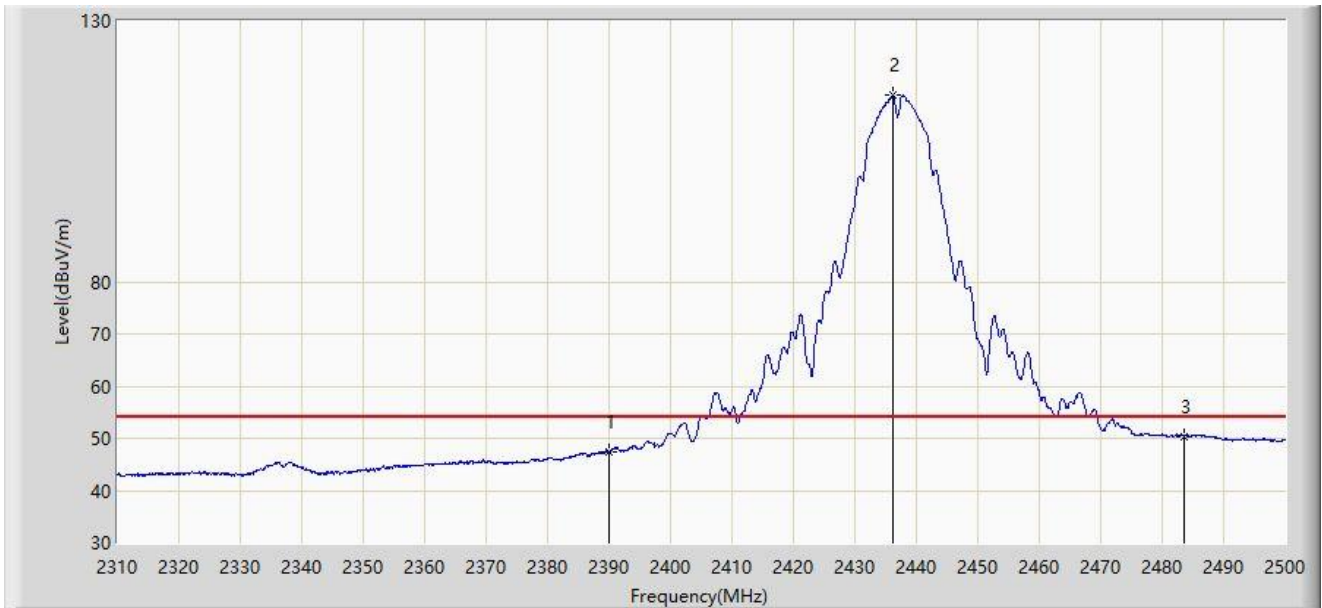
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2373.175	61.029	29.356	-12.971	74.000	31.673	PK
2		2390.000	59.063	27.448	-14.937	74.000	31.615	PK
3		2437.870	117.813	86.322	N/A	N/A	31.491	PK
4		2483.500	60.975	29.475	-13.025	74.000	31.500	PK
5	*	2490.595	62.311	30.808	-11.689	74.000	31.503	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



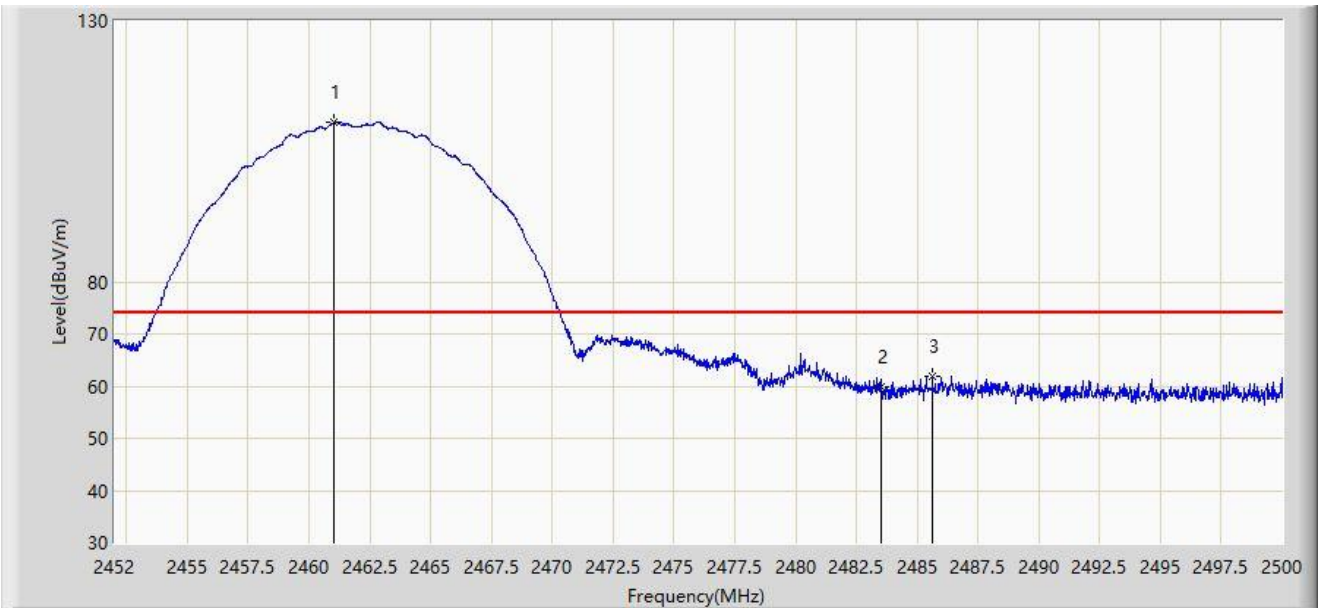
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2390.000	47.253	15.638	-6.747	54.000	31.615	AV
2		2436.160	115.661	84.170	N/A	N/A	31.491	AV
3	*	2483.500	50.411	18.911	-3.589	54.000	31.500	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



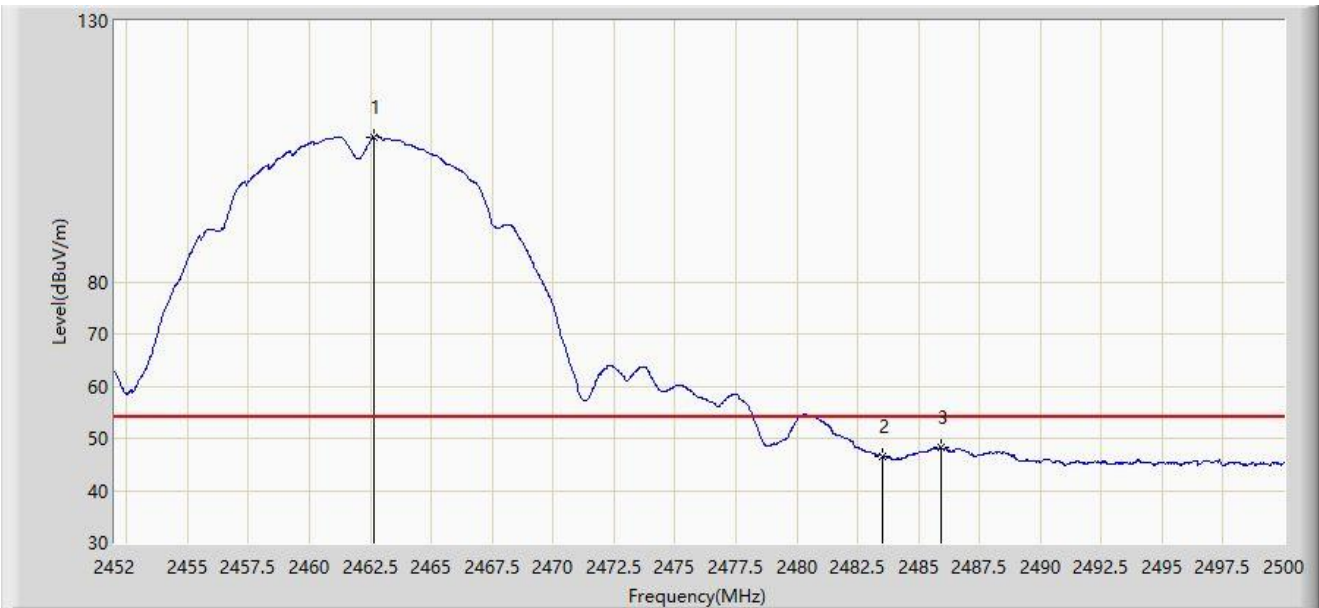
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.000	110.478	78.992	N/A	N/A	31.486	PK
2		2483.500	59.736	28.236	-14.264	74.000	31.500	PK
3	*	2485.624	61.900	30.399	-12.100	74.000	31.501	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



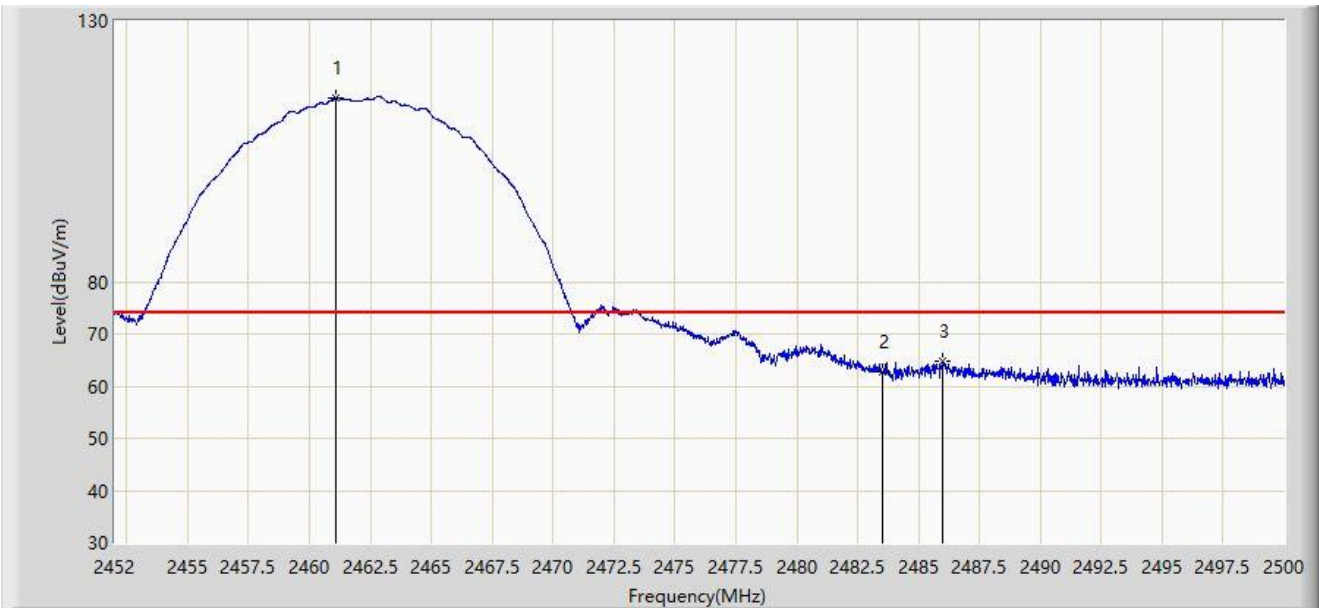
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2462.656	107.797	76.309	N/A	N/A	31.488	AV
2		2483.500	46.659	15.159	-7.341	54.000	31.500	AV
3	*	2485.936	48.183	16.681	-5.817	54.000	31.502	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



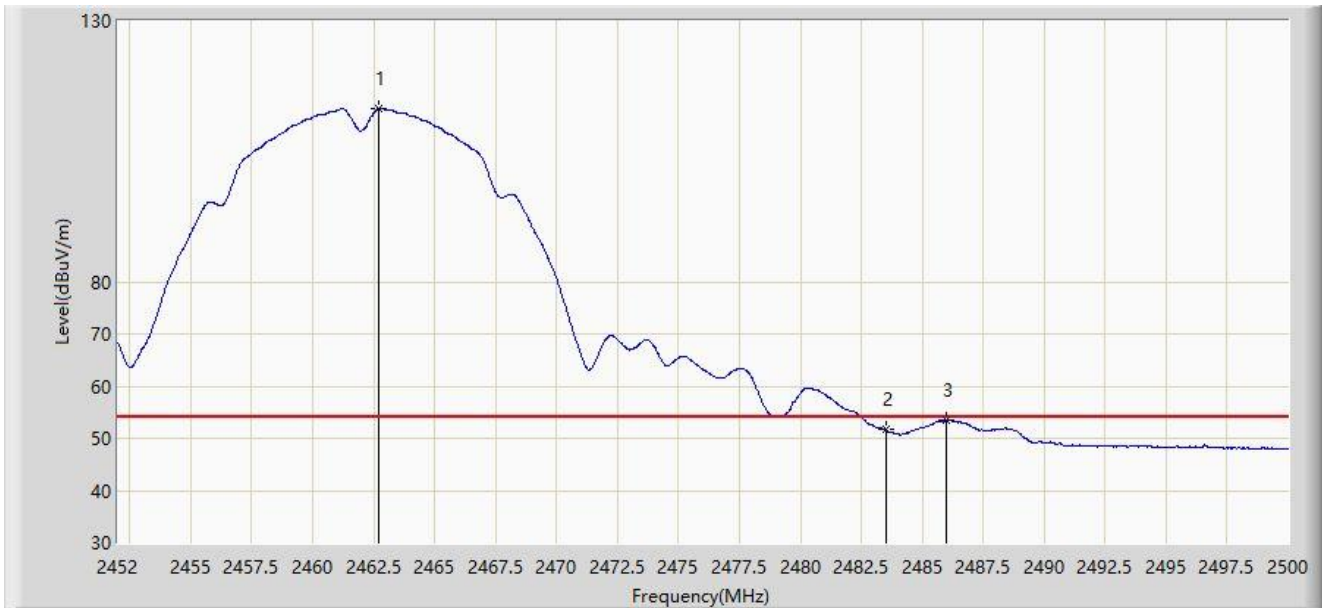
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2461.072	115.290	83.804	N/A	N/A	31.486	PK
2		2483.500	62.671	31.171	-11.329	74.000	31.500	PK
3	*	2485.960	64.657	33.155	-9.343	74.000	31.502	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Site: WZ-AC2	Test Date: 2023-05-16
Limit: FCC_2.4G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2462MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		2462.680	113.137	81.649	N/A	N/A	31.488	AV
2		2483.500	51.598	20.098	-2.402	54.000	31.500	AV
3	*	2486.008	53.615	22.113	-0.385	54.000	31.502	AV

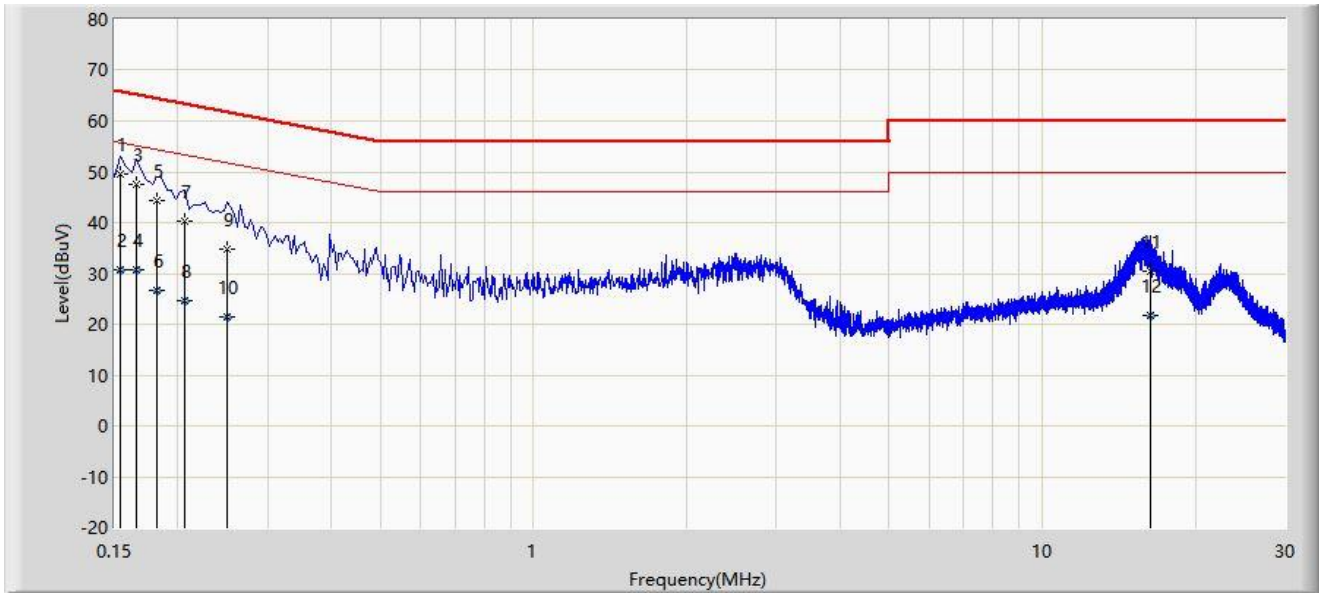
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

A.8 AC Conducted Emissions Test Result

Site: WZ-SR2	Test Date: 2023-04-13
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



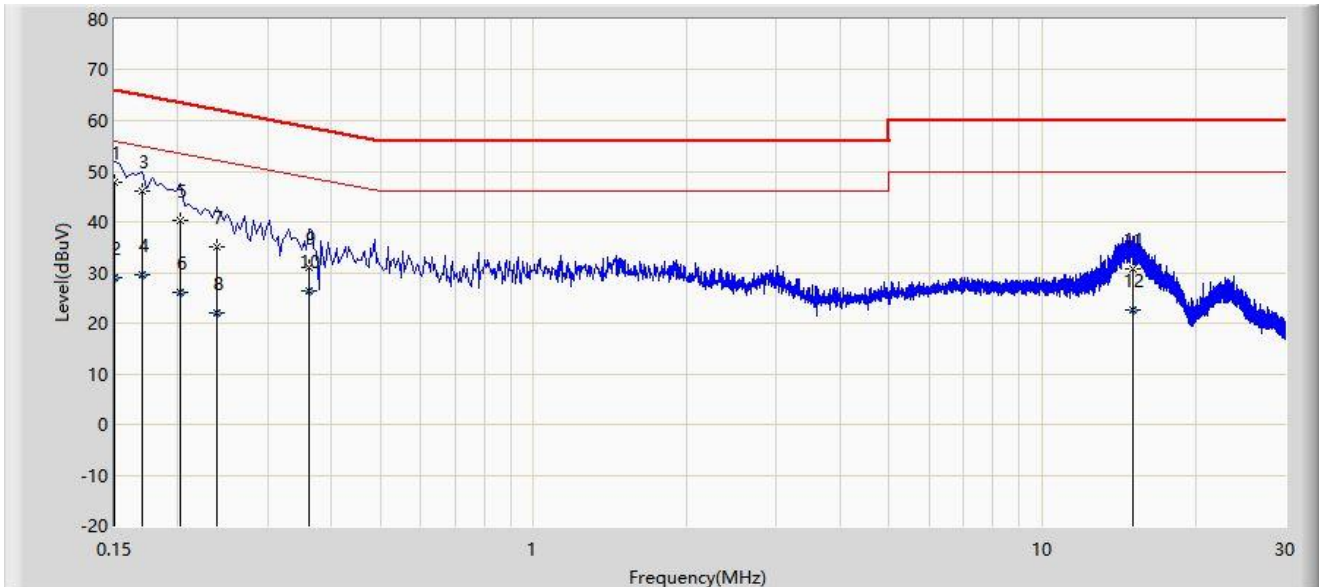
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.154	49.558	39.853	-16.224	65.781	9.704	QP
2		0.154	30.772	21.068	-25.009	55.781	9.704	AV
3		0.166	47.626	37.918	-17.532	65.158	9.708	QP
4		0.166	30.615	20.908	-24.543	55.158	9.708	AV
5		0.182	44.275	34.564	-20.119	64.394	9.711	QP
6		0.182	26.687	16.976	-27.707	54.394	9.711	AV
7		0.206	40.335	30.615	-23.030	63.365	9.720	QP
8		0.206	24.528	14.809	-28.837	53.365	9.720	AV
9		0.250	34.659	24.922	-27.098	61.757	9.736	QP
10		0.250	21.561	11.825	-30.196	51.757	9.736	AV
11		16.322	30.343	19.275	-29.657	60.000	11.068	QP
12		16.322	21.882	10.814	-28.118	50.000	11.068	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Test Date: 2023-04-13
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: WIFI dual bands cable gateway	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at 2437MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.150	47.875	38.150	-18.125	66.000	9.725	QP
2		0.150	28.879	19.154	-27.121	56.000	9.725	AV
3		0.170	46.231	36.498	-18.730	64.960	9.733	QP
4		0.170	29.566	19.833	-25.395	54.960	9.733	AV
5		0.202	40.384	30.637	-23.144	63.528	9.746	QP
6		0.202	26.037	16.291	-27.491	53.528	9.746	AV
7		0.238	35.131	25.372	-27.035	62.166	9.759	QP
8		0.238	21.918	12.159	-30.247	52.166	9.759	AV
9		0.362	30.986	21.172	-27.696	58.682	9.814	QP
10		0.362	26.476	16.662	-22.207	48.682	9.814	AV
11		15.062	30.819	19.881	-29.181	60.000	10.938	QP
12		15.062	22.501	11.563	-27.499	50.000	10.938	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B – Test Setup Photograph

Refer to “2302RSU055-UT” file.

Appendix C – EUT Photograph

Refer to “2302RSU055-UE” file.

The End
