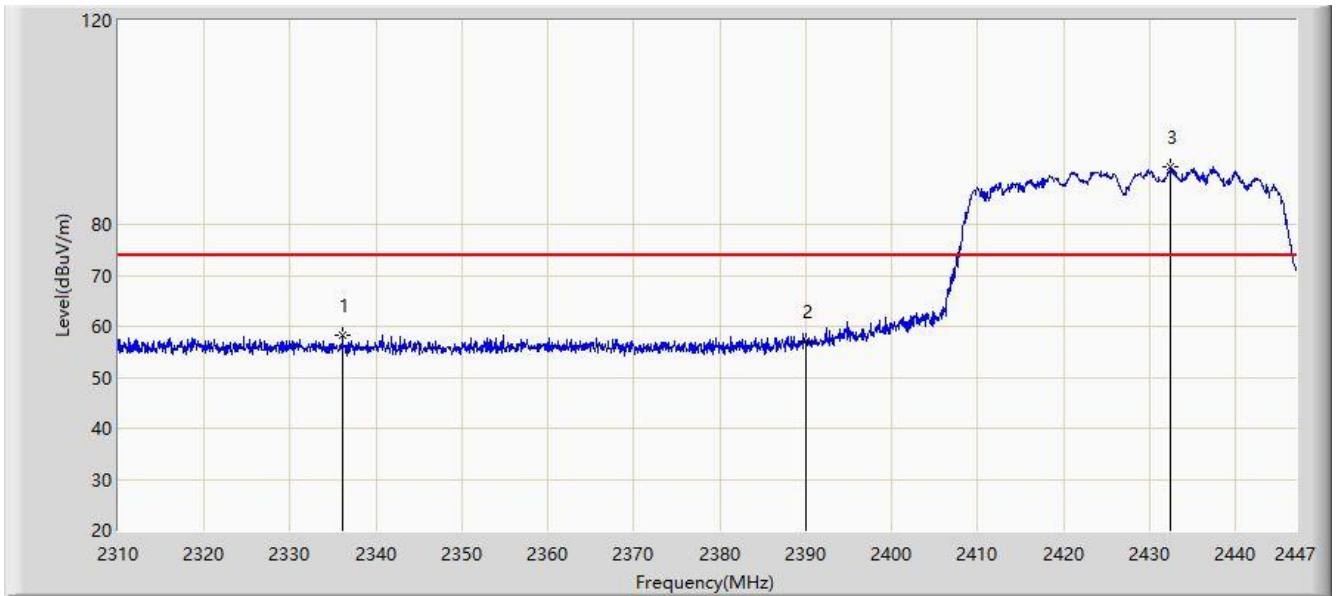


Site: WZ-AC2	Time: 2020/09/03 - 04:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz	

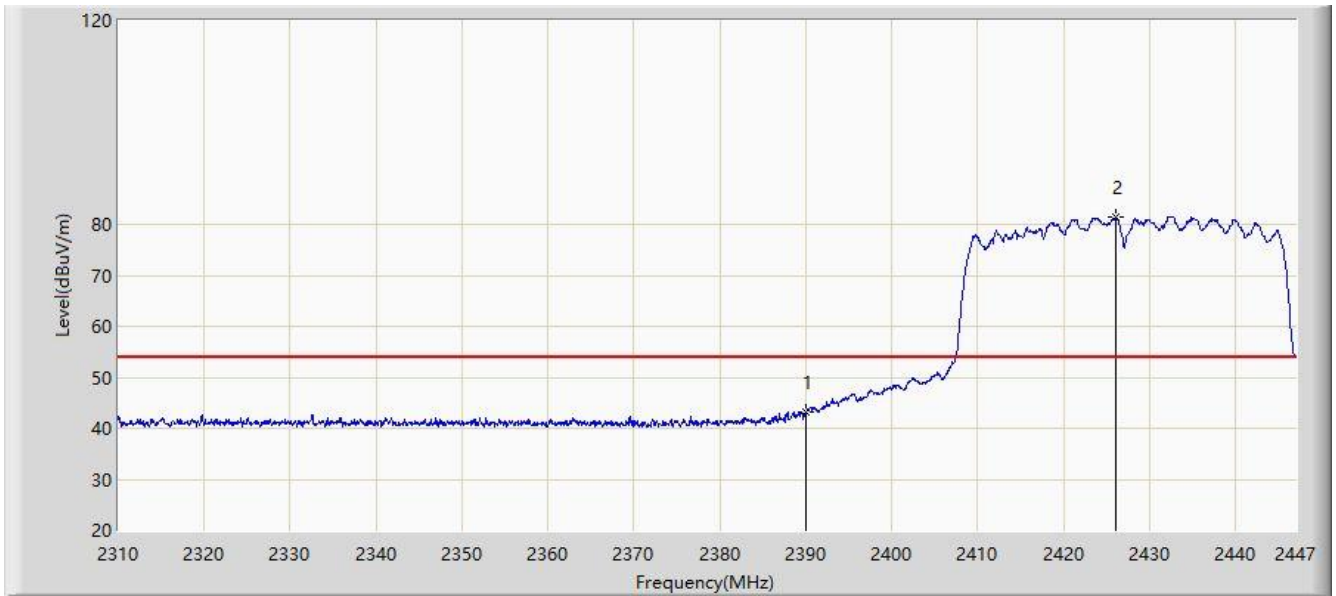


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2336.098	58.268	28.841	-15.732	74.000	29.427	PK
2			2390.000	57.234	27.939	-16.766	74.000	29.296	PK
3		*	2432.478	91.173	61.904	N/A	N/A	29.268	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/09/03 - 04:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz	

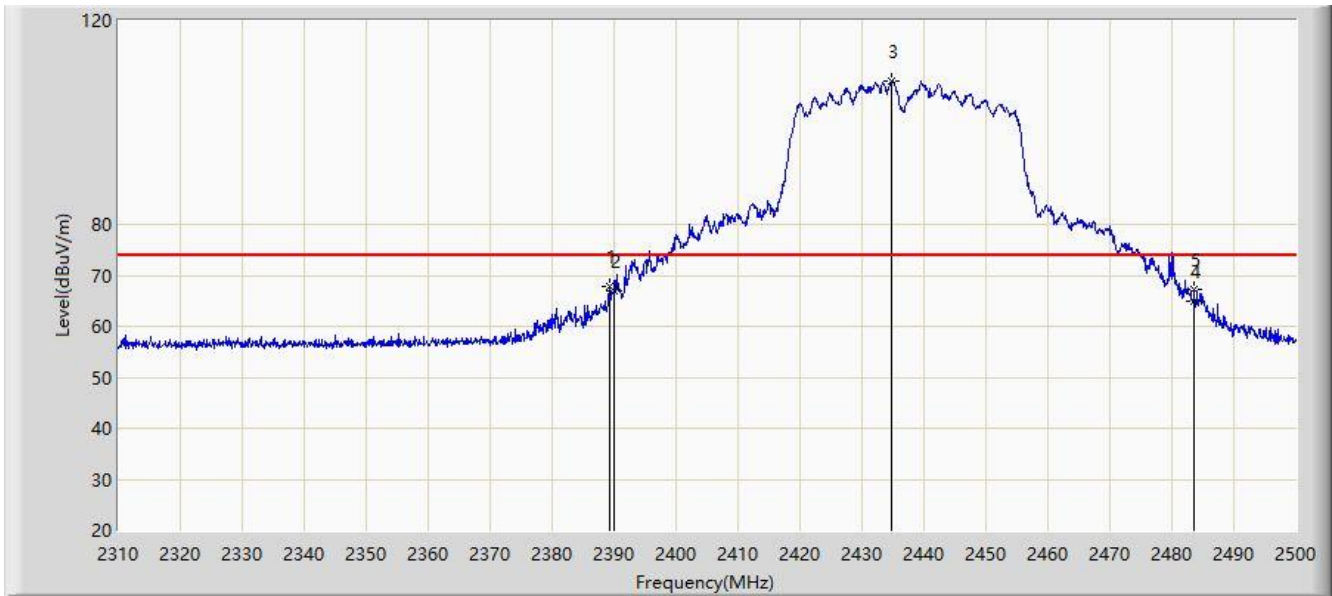


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.147	13.852	-10.853	54.000	29.296	AV
2		*	2425.970	81.354	52.096	N/A	N/A	29.258	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/09/03 - 19:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

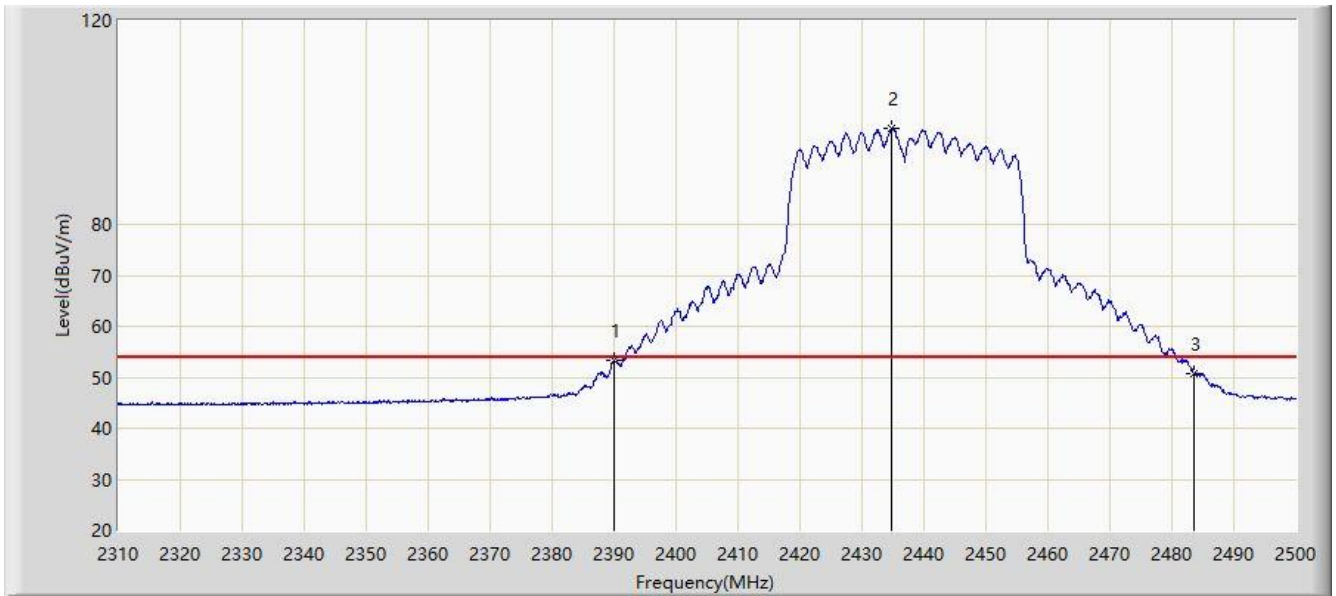


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.325	67.730	38.434	-6.270	74.000	29.296	PK
2			2390.000	66.906	37.611	-7.094	74.000	29.296	PK
3		*	2434.830	108.107	78.851	N/A	N/A	29.256	PK
4			2483.500	64.889	35.746	-9.111	74.000	29.143	PK
5			2483.660	67.113	37.969	-6.887	74.000	29.144	PK

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

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

Site: WZ-AC2	Time: 2020/09/03 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

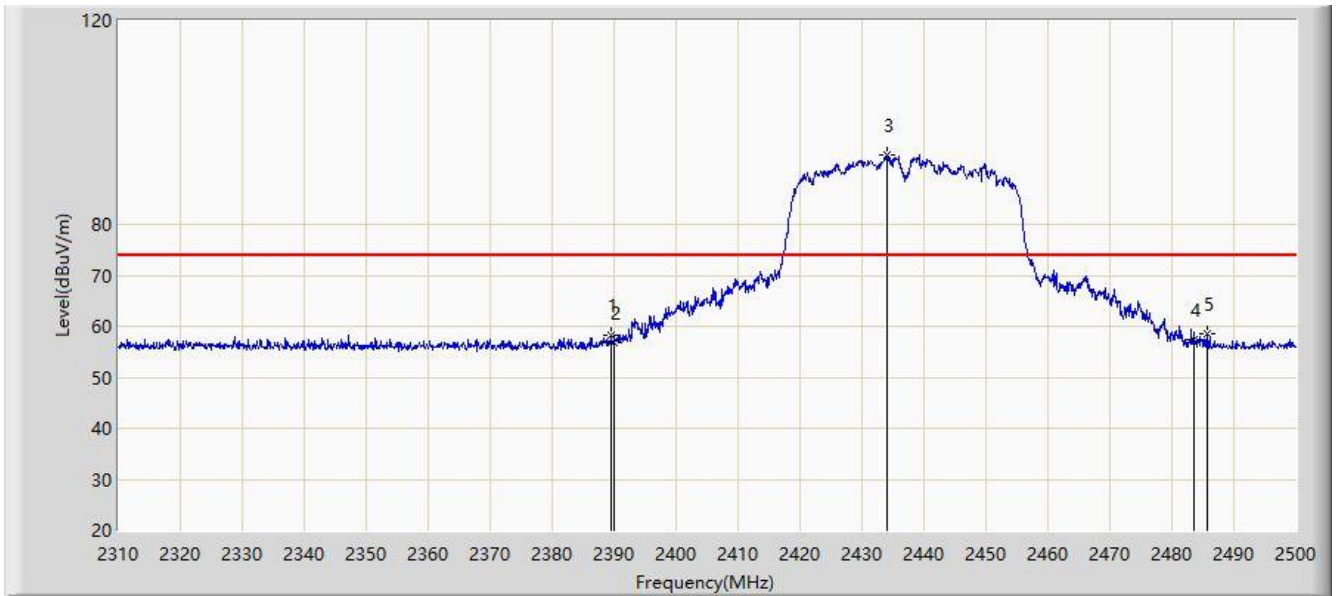


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.341	24.046	-0.659	54.000	29.296	AV
2		*	2434.830	98.768	69.512	N/A	N/A	29.256	AV
3			2483.500	50.733	21.590	-3.267	54.000	29.143	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/09/03 - 19:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

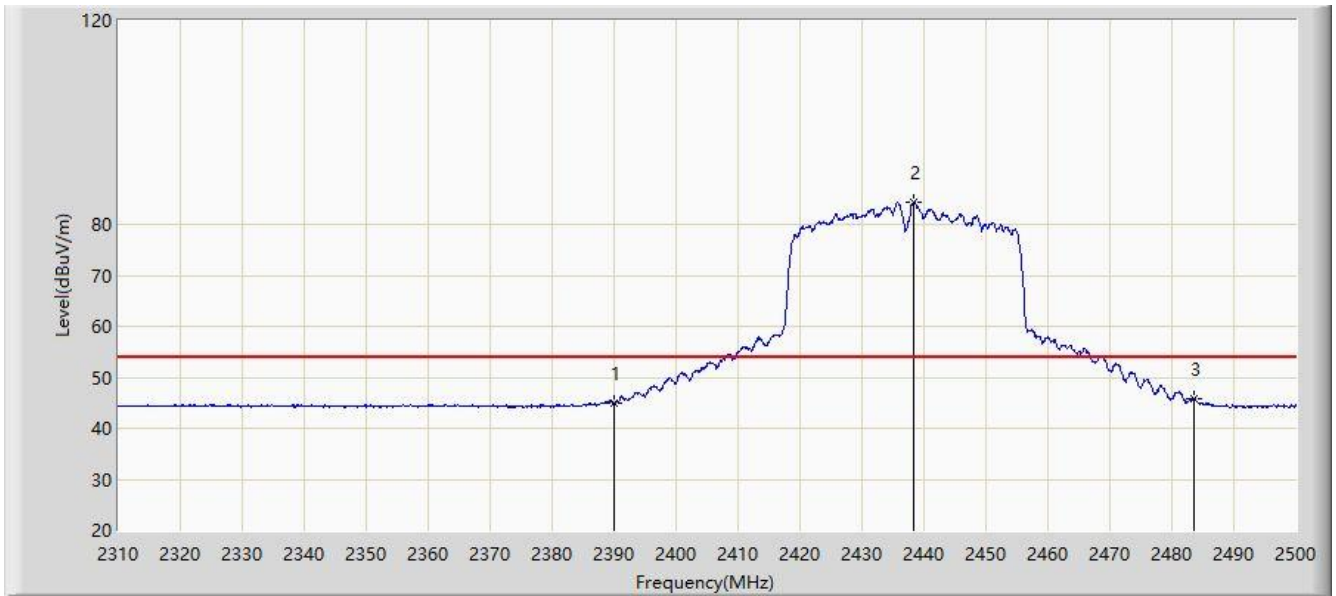


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.610	58.348	29.053	-15.652	74.000	29.296	PK
2			2390.000	56.889	27.594	-17.111	74.000	29.296	PK
3		*	2433.975	93.535	64.268	N/A	N/A	29.267	PK
4			2483.500	57.478	28.335	-16.522	74.000	29.143	PK
5			2485.655	58.456	29.310	-15.544	74.000	29.146	PK

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

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

Site: WZ-AC2	Time: 2020/09/03 - 19:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

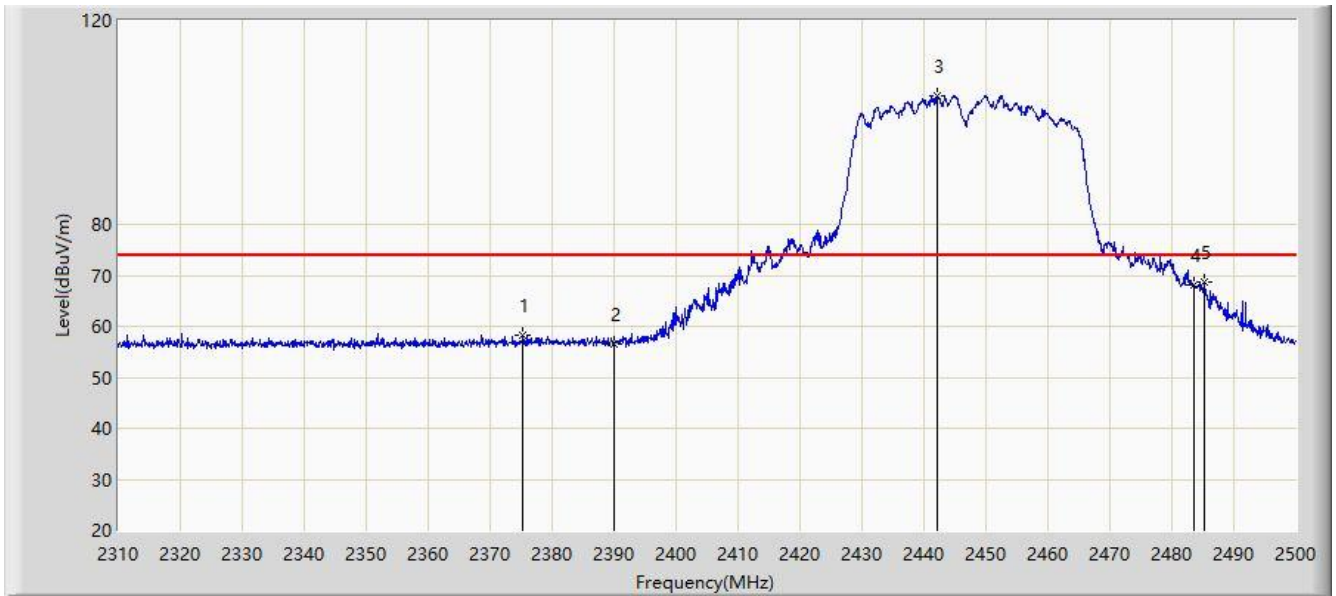


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.935	15.640	-9.065	54.000	29.296	AV
2		*	2438.345	84.465	55.255	N/A	N/A	29.210	AV
3			2483.500	45.653	16.510	-8.347	54.000	29.143	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/09/03 - 19:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz	

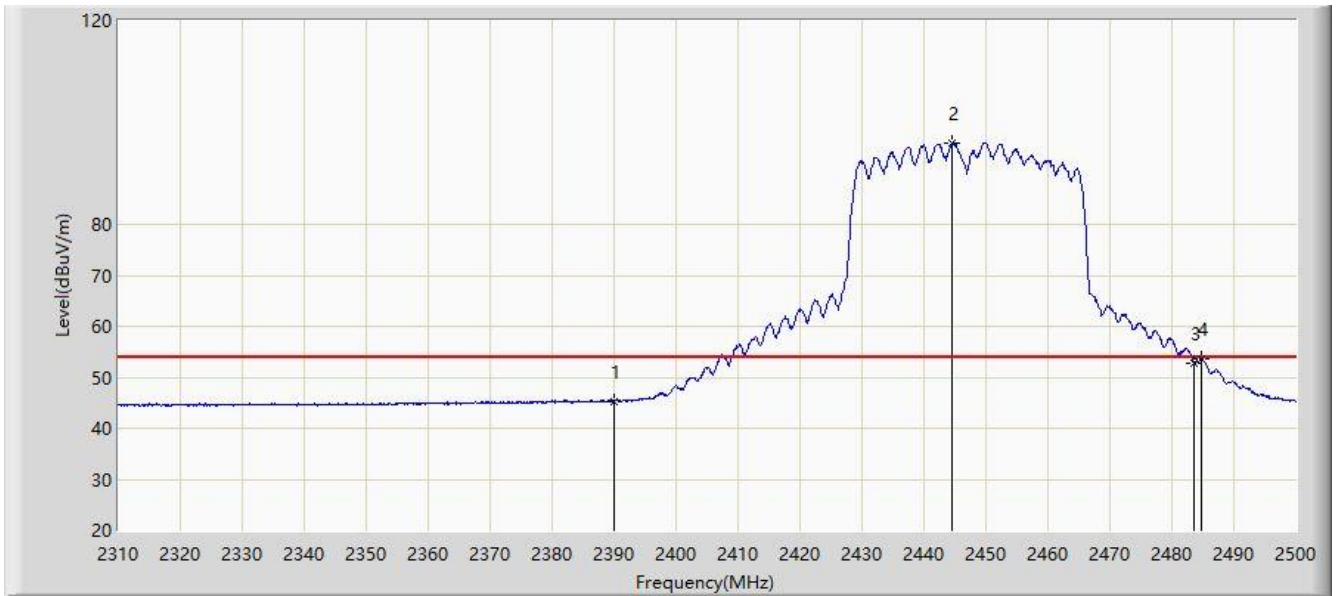


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.265	58.386	29.054	-15.614	74.000	29.332	PK
2			2390.000	56.473	27.178	-17.527	74.000	29.296	PK
3		*	2442.050	105.262	76.100	N/A	N/A	29.162	PK
4			2483.500	68.087	38.944	-5.913	74.000	29.143	PK
5			2485.275	68.645	39.499	-5.355	74.000	29.146	PK

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

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

Site: WZ-AC2	Time: 2020/09/03 - 19:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz	



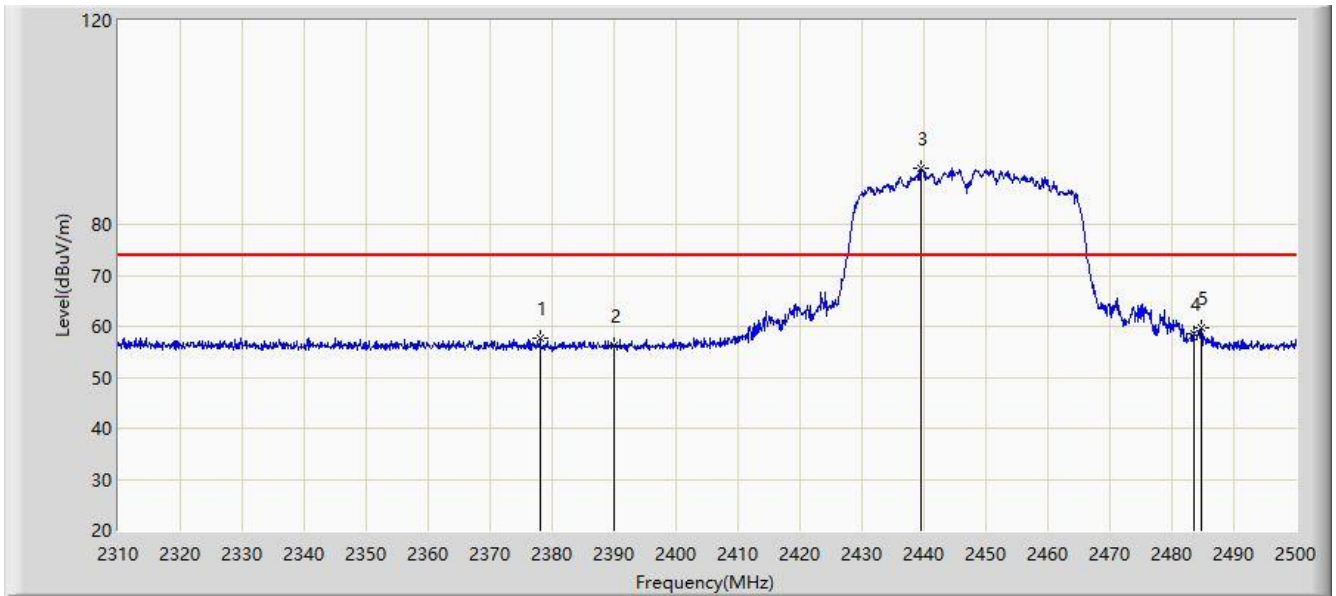
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.325	16.030	-8.675	54.000	29.296	AV
2		*	2444.615	95.989	66.860	N/A	N/A	29.129	AV
3			2483.500	52.740	23.597	-1.260	54.000	29.143	AV
4			2484.800	53.707	24.562	-0.293	54.000	29.145	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



Site: WZ-AC2	Time: 2020/09/03 - 19:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz	

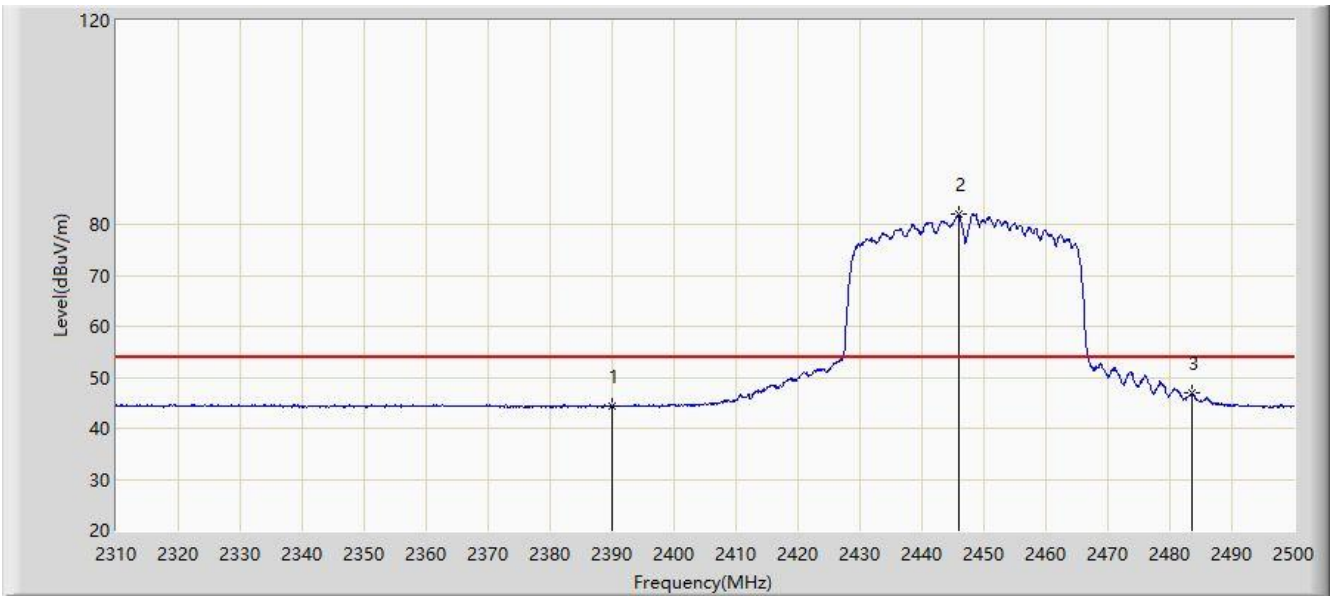


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.115	57.561	28.250	-16.439	74.000	29.311	PK
2			2390.000	56.303	27.008	-17.697	74.000	29.296	PK
3		*	2439.580	91.098	61.904	N/A	N/A	29.194	PK
4			2483.500	58.637	29.494	-15.363	74.000	29.143	PK
5			2484.800	59.686	30.541	-14.314	74.000	29.145	PK

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

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

Site: WZ-AC2	Time: 2020/09/03 - 19:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.296	15.001	-9.704	54.000	29.296	AV
2		*	2445.945	82.011	52.896	N/A	N/A	29.115	AV
3			2483.500	46.954	17.811	-7.046	54.000	29.143	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/08/31 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at Channel 2452MHz	

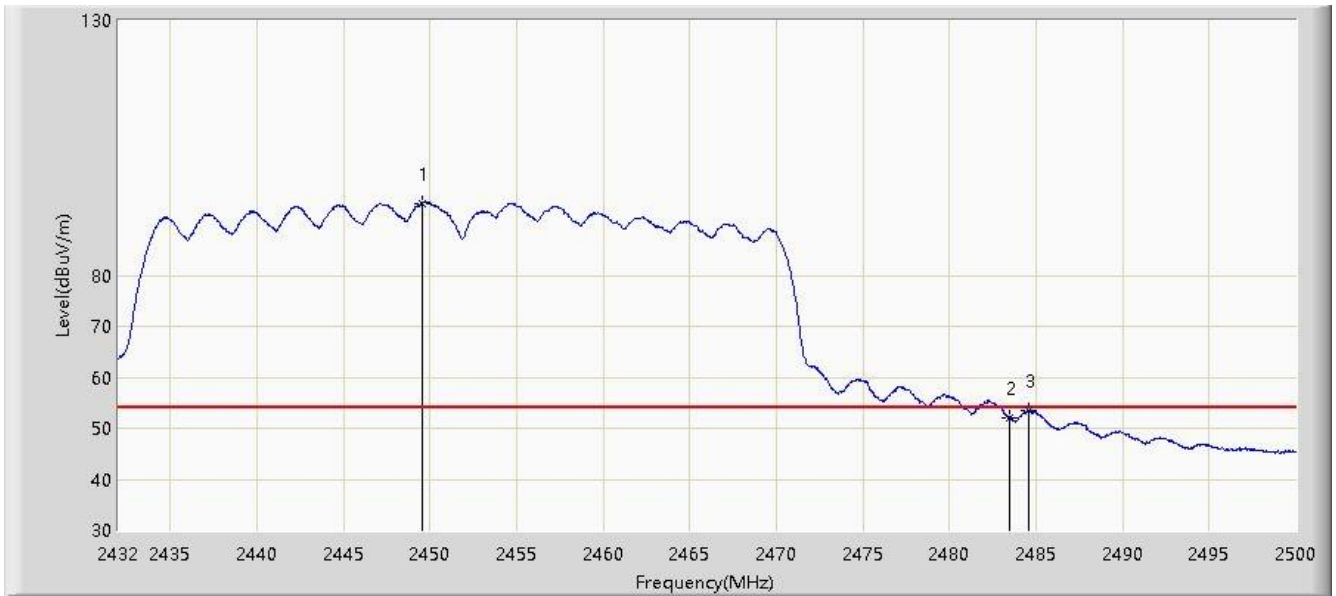


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.476	104.055	74.973	N/A	N/A	29.082	PK
2			2483.500	68.112	38.969	-5.888	74.000	29.143	PK
3			2484.292	69.637	40.493	-4.363	74.000	29.144	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/08/31 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at Channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.544	94.159	65.077	N/A	N/A	29.082	AV
2			2483.500	52.065	22.922	-1.935	54.000	29.143	AV
3			2484.598	53.485	24.340	-0.515	54.000	29.145	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/08/31 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at Channel 2452MHz	

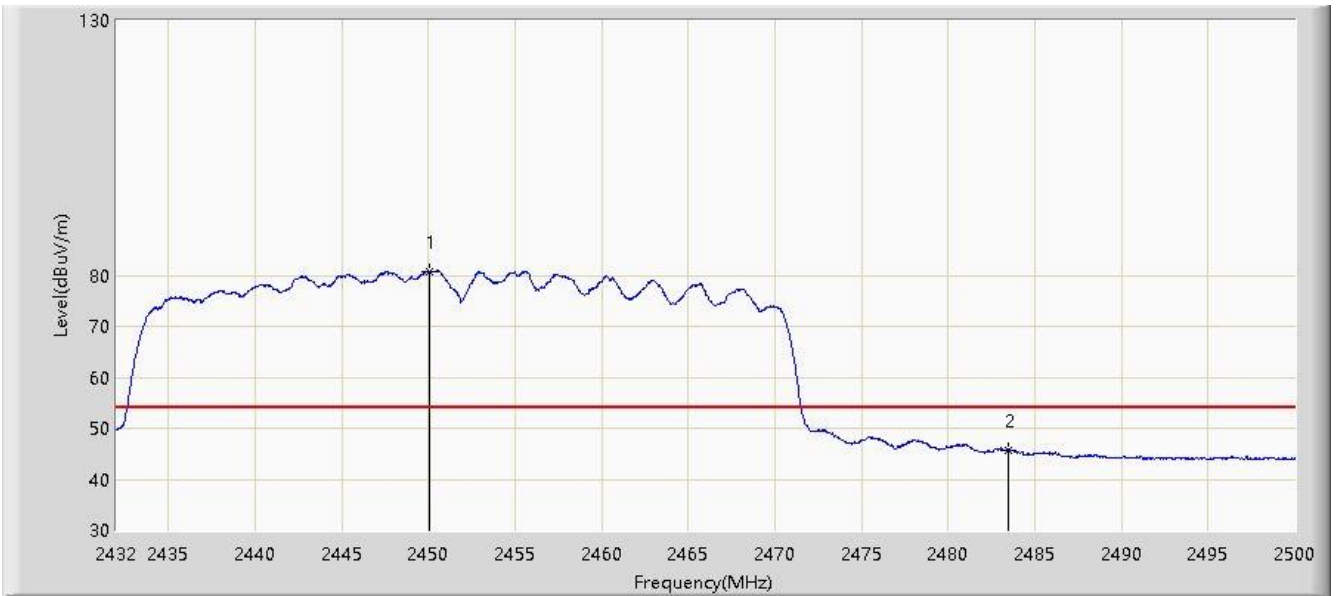


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.190	91.179	62.104	N/A	N/A	29.075	PK
2			2483.500	57.184	28.041	-16.816	74.000	29.143	PK
3			2484.088	59.511	30.367	-14.489	74.000	29.144	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: WZ-AC2	Time: 2020/08/31 - 11:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at Channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.088	80.810	51.734	N/A	N/A	29.076	AV
2			2483.500	45.611	16.468	-8.389	54.000	29.143	AV

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

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

## 6.8. AC Conducted Emissions Measurement

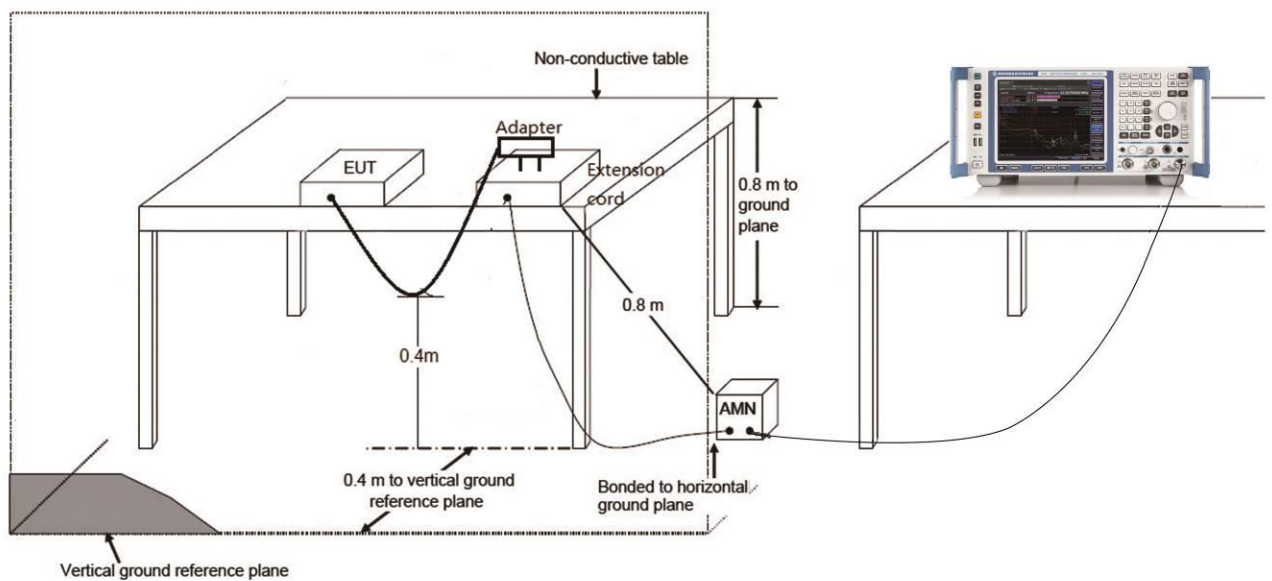
### 6.8.1. Test Limit

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.

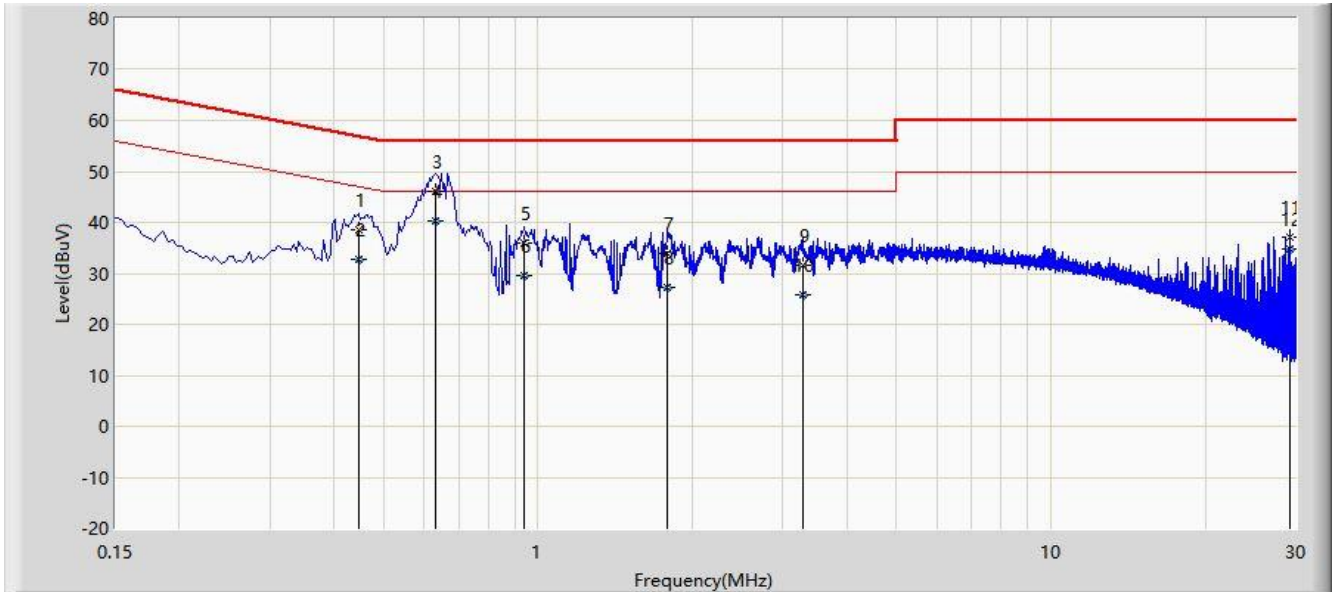
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 6.8.2. Test Setup



### 6.8.3. Test Result

Site: WZ-SR2	Time: 2020/09/22 - 00:33
Limit: FCC_Part15.207_CE_AC Power	Engineer: Jason Gao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
<b>Test Mode:</b> Transmit by 802.11n-HT40 at channel 2422MHz	



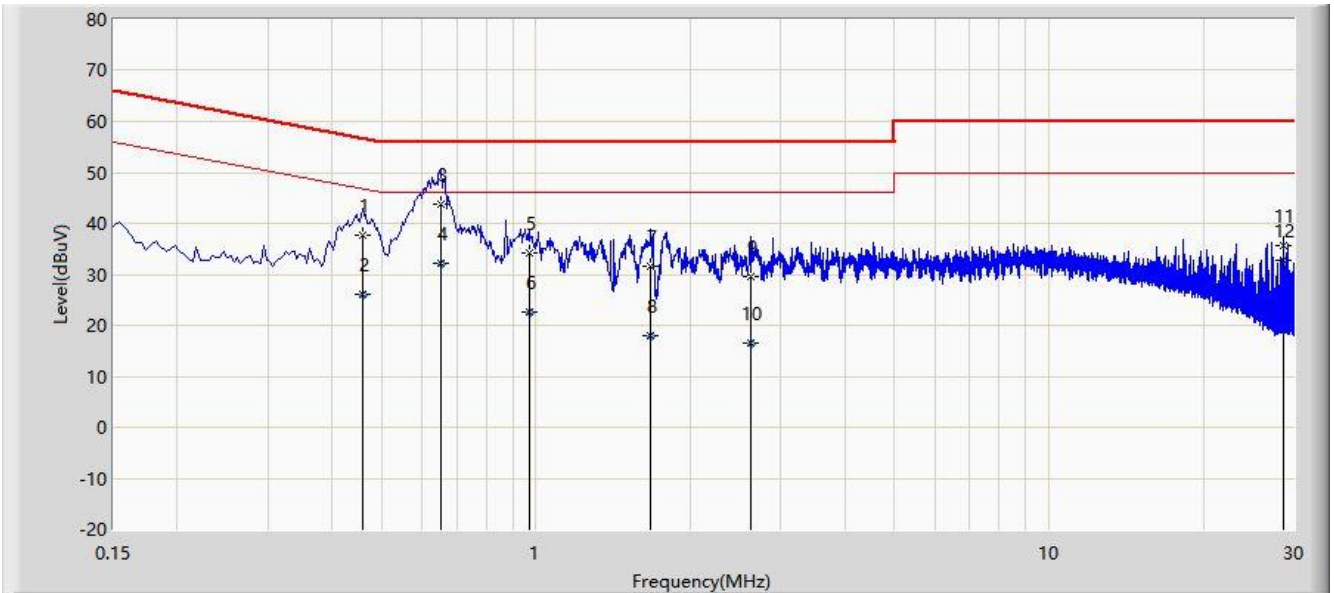
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.446	38.607	28.921	-18.342	56.949	9.687	QP
2			0.446	32.809	23.123	-14.140	46.949	9.687	AV
3			0.630	46.052	36.338	-9.948	56.000	9.714	QP
4		*	0.630	40.254	30.540	-5.746	46.000	9.714	AV
5			0.938	35.962	26.216	-20.038	56.000	9.746	QP
6			0.938	29.704	19.958	-16.296	46.000	9.746	AV
7			1.786	33.989	24.230	-22.011	56.000	9.759	QP
8			1.786	27.203	17.444	-18.797	46.000	9.759	AV
9			3.290	31.655	21.850	-24.345	56.000	9.805	QP
10			3.290	25.787	15.982	-20.213	46.000	9.805	AV
11			29.234	37.029	26.592	-22.971	60.000	10.436	QP
12			29.234	34.847	24.411	-15.153	50.000	10.436	AV

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

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



Site: WZ-SR2	Time: 2020/09/22 - 00:38
Limit: FCC_Part15.207_CE_AC Power	Engineer: Jason Gao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
<b>Test Mode:</b> Transmit by 802.11n-HT40 at channel 2422MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.458	37.669	27.990	-19.060	56.729	9.679	QP
2			0.458	26.153	16.474	-20.576	46.729	9.679	AV
3		*	0.654	43.905	34.197	-12.095	56.000	9.709	QP
4			0.654	32.249	22.541	-13.751	46.000	9.709	AV
5			0.970	34.239	24.501	-21.761	56.000	9.738	QP
6			0.970	22.664	12.926	-23.336	46.000	9.738	AV
7			1.670	31.646	21.891	-24.354	56.000	9.755	QP
8			1.670	17.984	8.229	-28.016	46.000	9.755	AV
9			2.630	29.664	19.883	-26.336	56.000	9.781	QP
10			2.630	16.536	6.755	-29.464	46.000	9.781	AV
11			28.686	35.735	25.256	-24.265	60.000	10.479	QP
12			28.686	32.698	22.219	-17.302	50.000	10.479	AV

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

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

## 7. CONCLUSION

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

————— The End —————

## **Appendix A - Test Setup Photograph**

Refer to "2008RSU036-UT" file.

## **Appendix B - EUT Photograph**

Refer to "2008RSU036-UE" file.