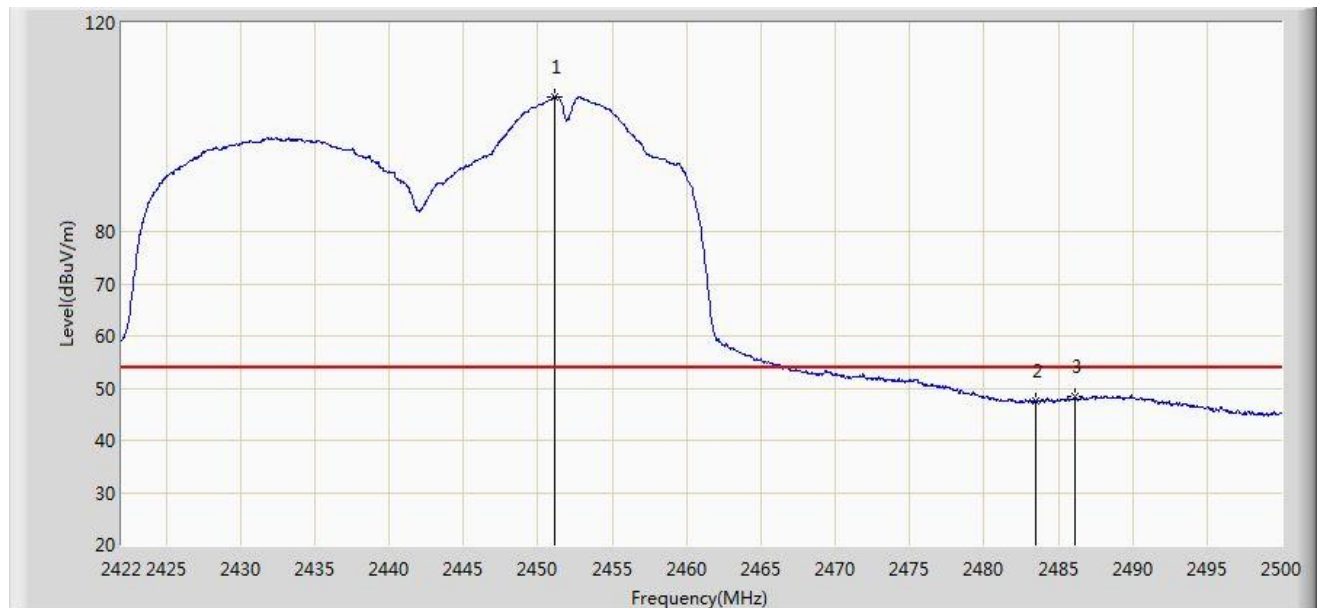


Site: AC1	Time: 2018/09/18 - 23:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz (Beam-Forming Mode)	

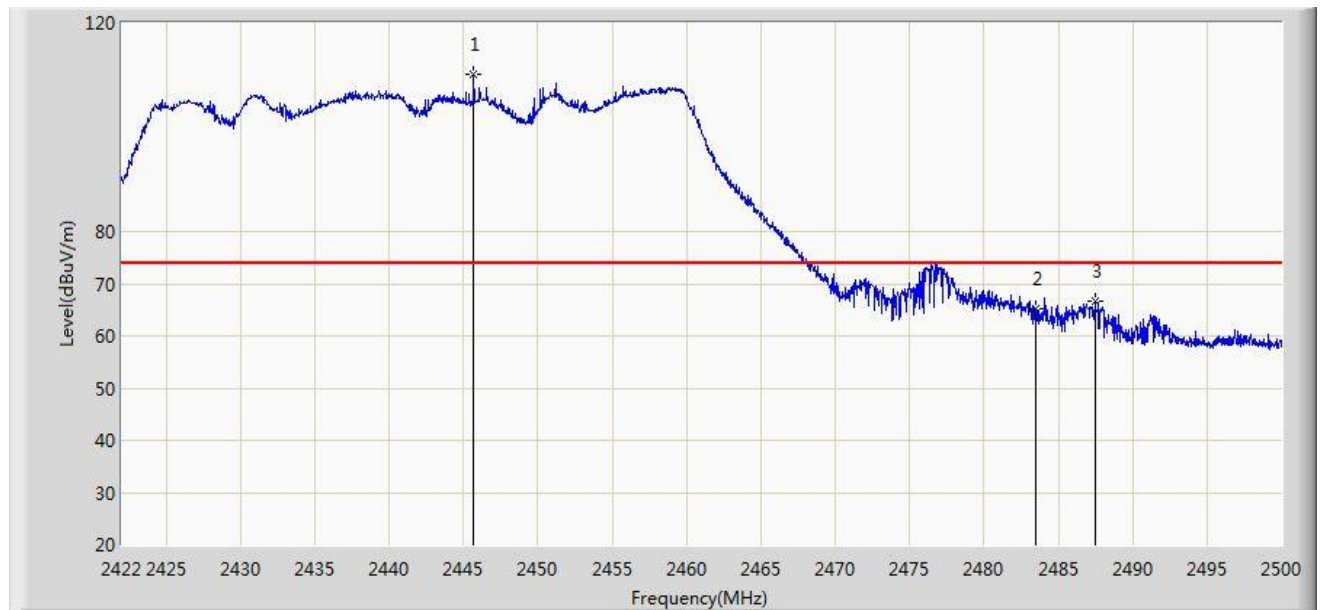


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.172	105.888	73.630	N/A	N/A	32.259	AV
2			2483.500	47.661	15.322	-6.339	54.000	32.340	AV
3			2486.116	48.513	16.164	-5.487	54.000	32.349	AV

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

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

Site: AC1	Time: 2018/09/18 - 23:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz (Beam-Forming Mode)	

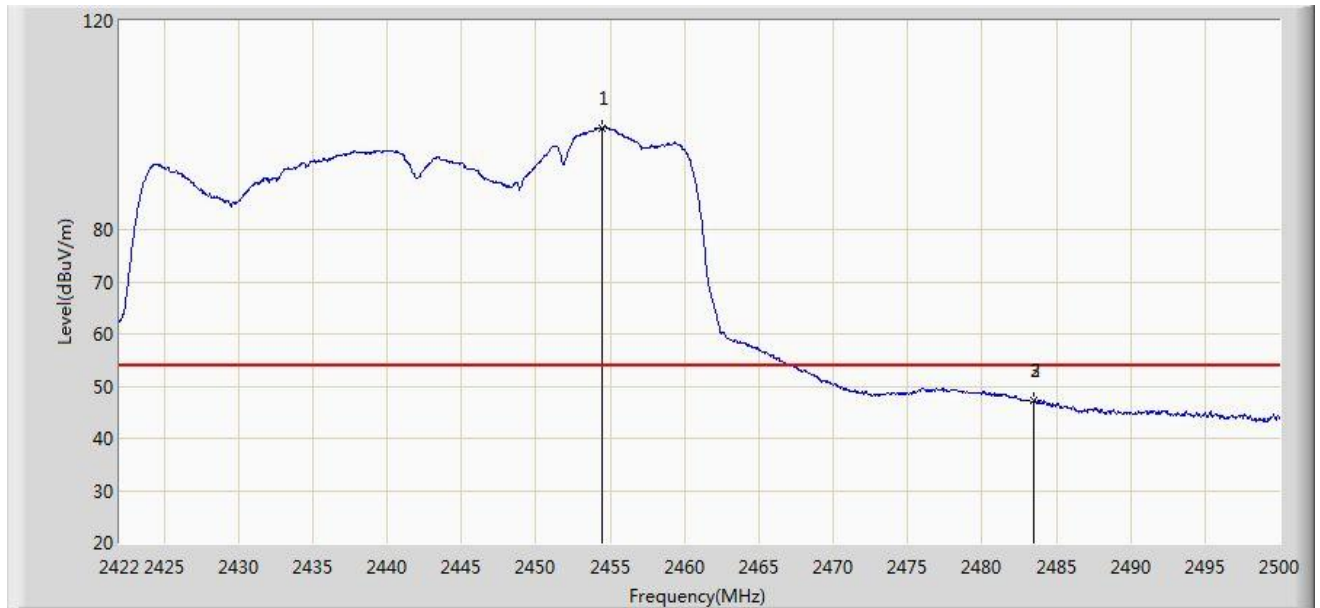


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.673	110.064	77.815	N/A	N/A	32.249	PK
2			2483.500	65.117	32.778	-8.883	74.000	32.340	PK
3			2487.442	66.745	34.390	-7.255	74.000	32.355	PK

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

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

Site: AC1	Time: 2018/09/18 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.487	99.418	67.153	N/A	N/A	32.266	AV
2			2483.500	47.248	14.909	-6.752	54.000	32.340	AV
3			2483.503	47.255	14.916	-6.745	54.000	32.340	AV

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

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

7.8. AC Conducted Emissions Measurement

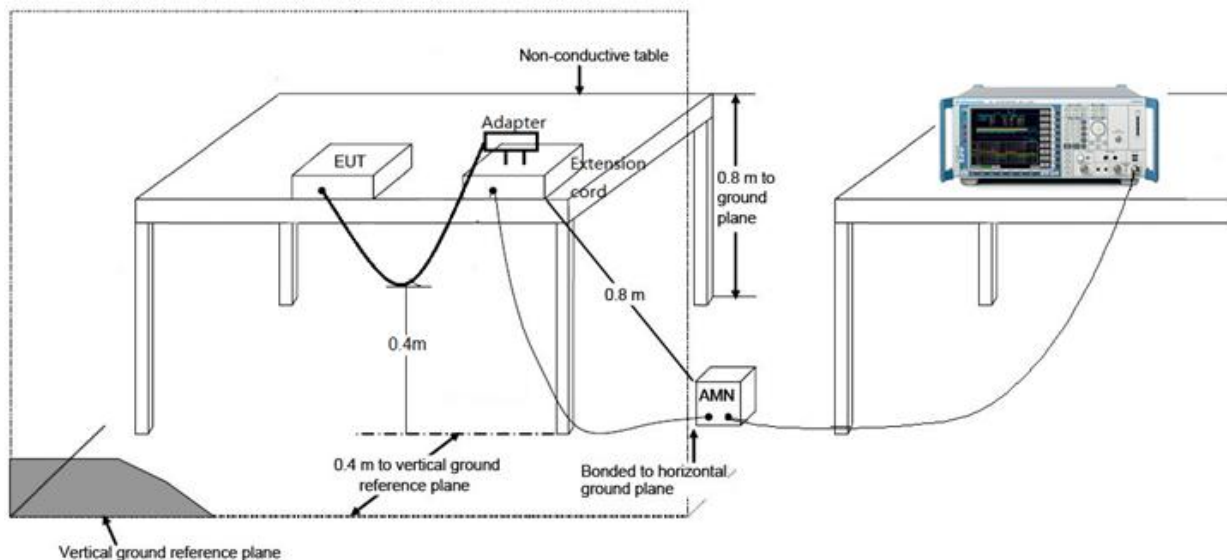
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

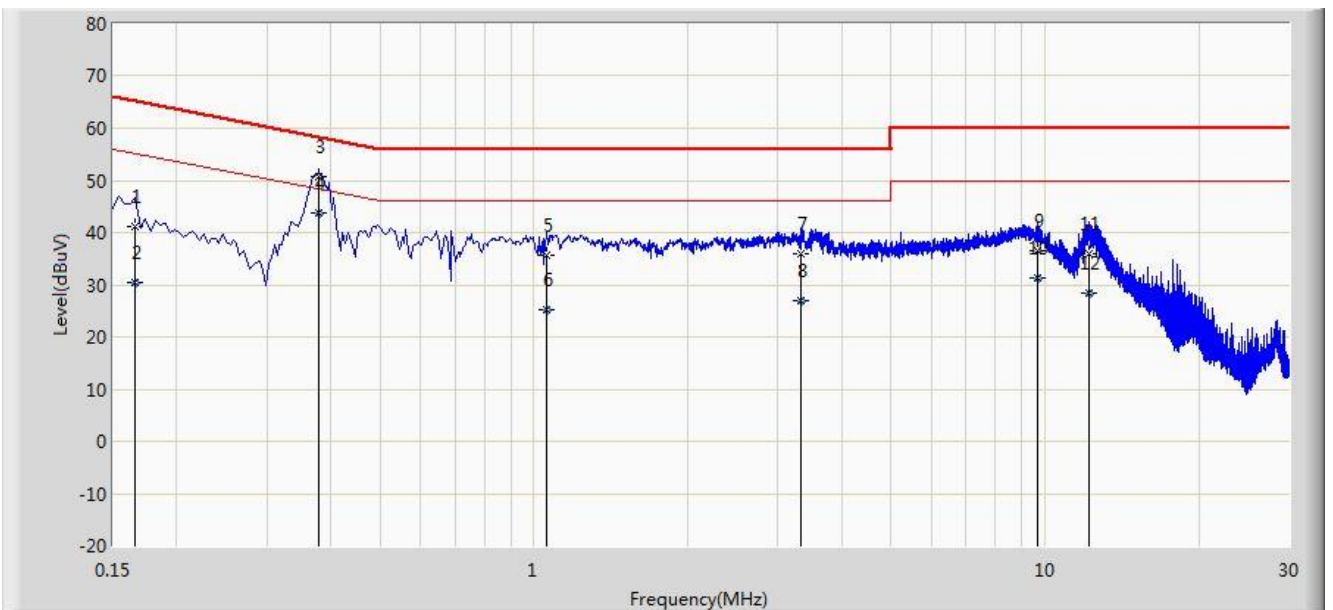
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3.Test Result

Site: SR2	Time: 2018/10/12 - 15:50
Limit: FCC_Part15.207_CE_AC Power	Engineer: Cat Hu
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: HAN Access Point	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11b at channel 2412MHz	

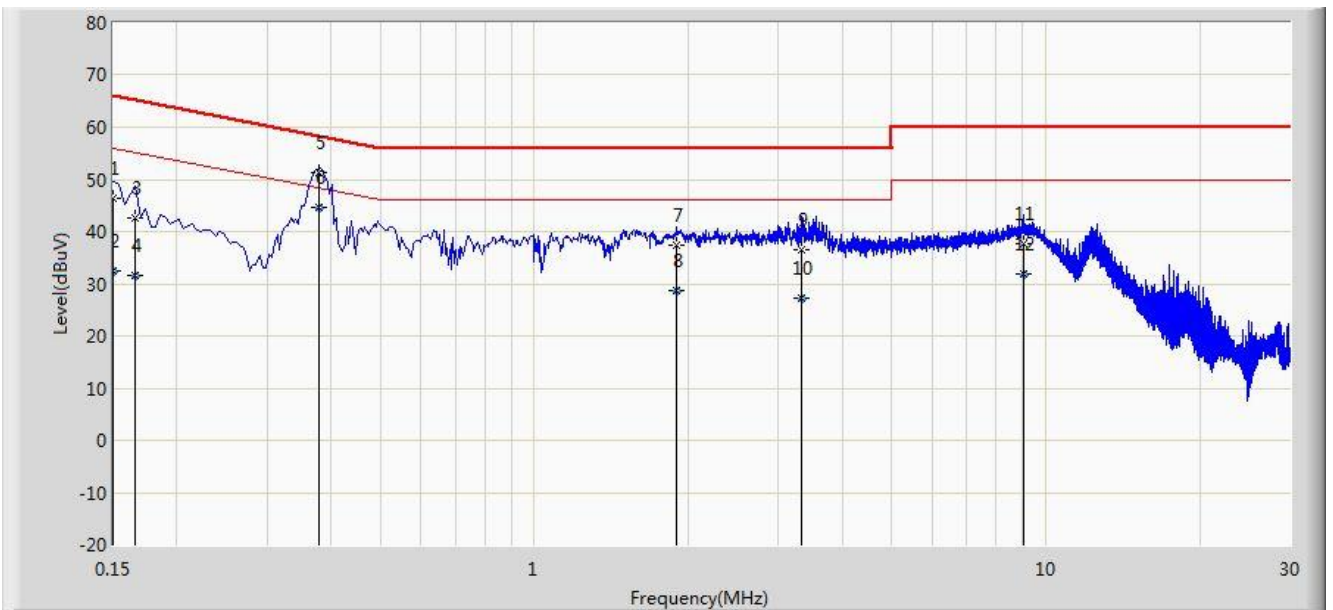


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	41.180	30.735	-23.979	65.158	10.444	QP
2			0.166	30.578	20.133	-24.581	55.158	10.444	AV
3			0.380	50.624	40.200	-7.655	58.279	10.424	QP
4		*	0.380	43.624	33.200	-4.655	48.279	10.424	AV
5			1.058	35.688	25.430	-20.312	56.000	10.257	QP
6			1.058	25.125	14.868	-20.875	46.000	10.257	AV
7			3.338	36.019	25.858	-19.981	56.000	10.161	QP
8			3.338	26.915	16.754	-19.085	46.000	10.161	AV
9			9.690	36.524	26.406	-23.476	60.000	10.118	QP
10			9.690	31.378	21.260	-18.622	50.000	10.118	AV
11			12.202	36.039	25.910	-23.961	60.000	10.129	QP
12			12.202	28.283	18.154	-21.717	50.000	10.129	AV

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

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

Site: SR2	Time: 2018/10/12 - 15:55
Limit: FCC_Part15.207_CE_AC Power	Engineer: Cat Hu
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: HAN Access Point	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11b at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	46.336	34.837	-19.664	66.000	11.499	QP
2			0.150	32.466	20.967	-23.534	56.000	11.499	AV
3			0.166	42.636	32.207	-22.523	65.158	10.428	QP
4			0.166	31.567	21.139	-23.591	55.158	10.428	AV
5			0.378	51.351	40.900	-6.972	58.323	10.451	QP
6		*	0.378	44.551	34.100	-3.772	48.323	10.451	AV
7			1.894	37.370	27.146	-18.630	56.000	10.224	QP
8			1.894	28.664	18.440	-17.336	46.000	10.224	AV
9			3.338	36.654	26.488	-19.346	56.000	10.166	QP
10			3.338	27.129	16.963	-18.871	46.000	10.166	AV
11			9.018	37.756	27.624	-22.244	60.000	10.132	QP
12			9.018	31.968	21.836	-18.032	50.000	10.132	AV

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

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

8. CONCLUSION

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

The End

Appendix A – Test Setup Photograph

Refer to “1808RSU025-UT” file.

Appendix B – EUT Photograph

Refer to “1808RSU025-UE” file.