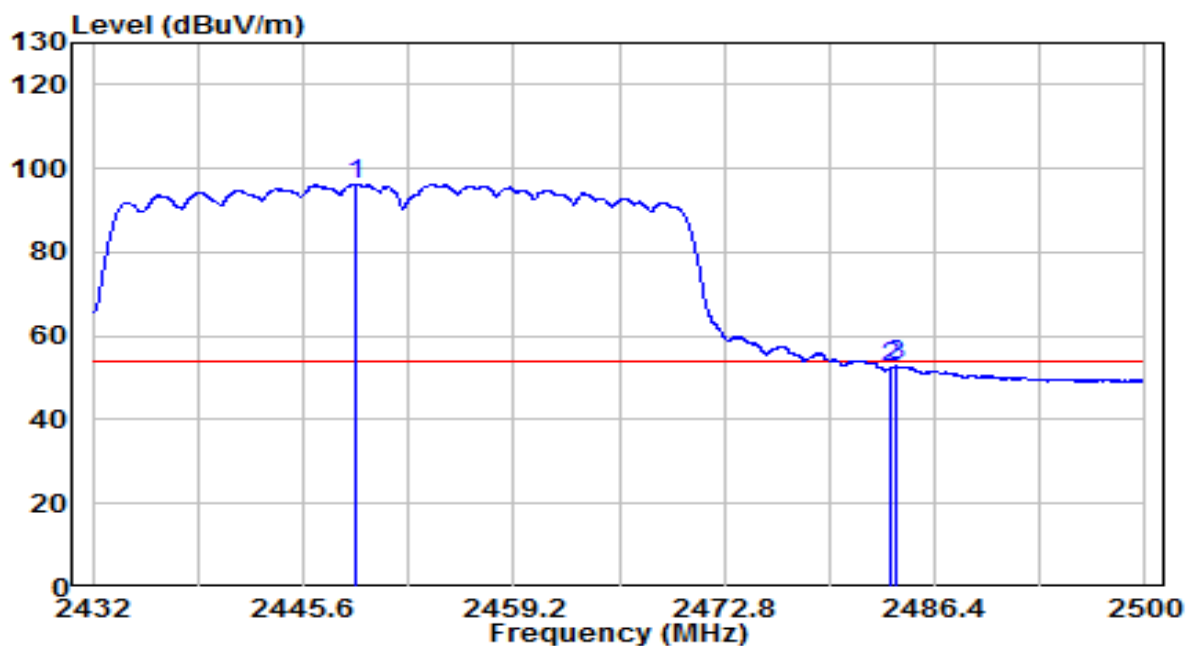


EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-03-17
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	17.9°C/18%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz

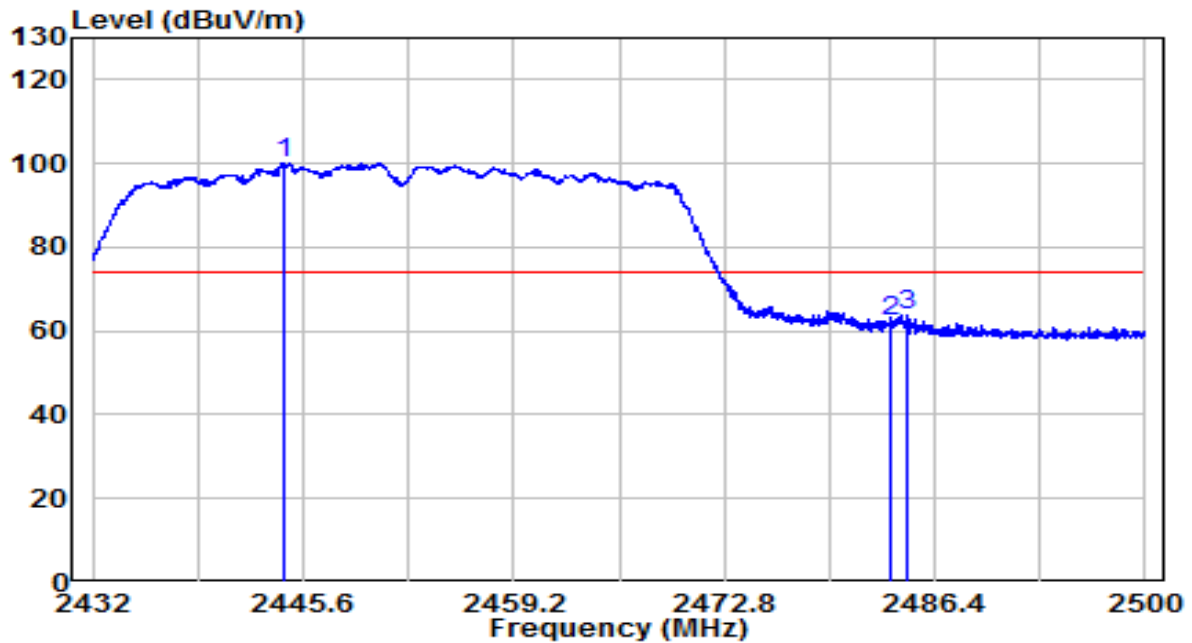


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2449.034	63.76	32.56	96.32	N/A	N/A	Average
2		2483.500	19.83	32.71	52.53	-1.47	54.00	Average
3		2483.918	20.04	32.71	52.75	-1.25	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-03-17
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	17.9°C/18%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz

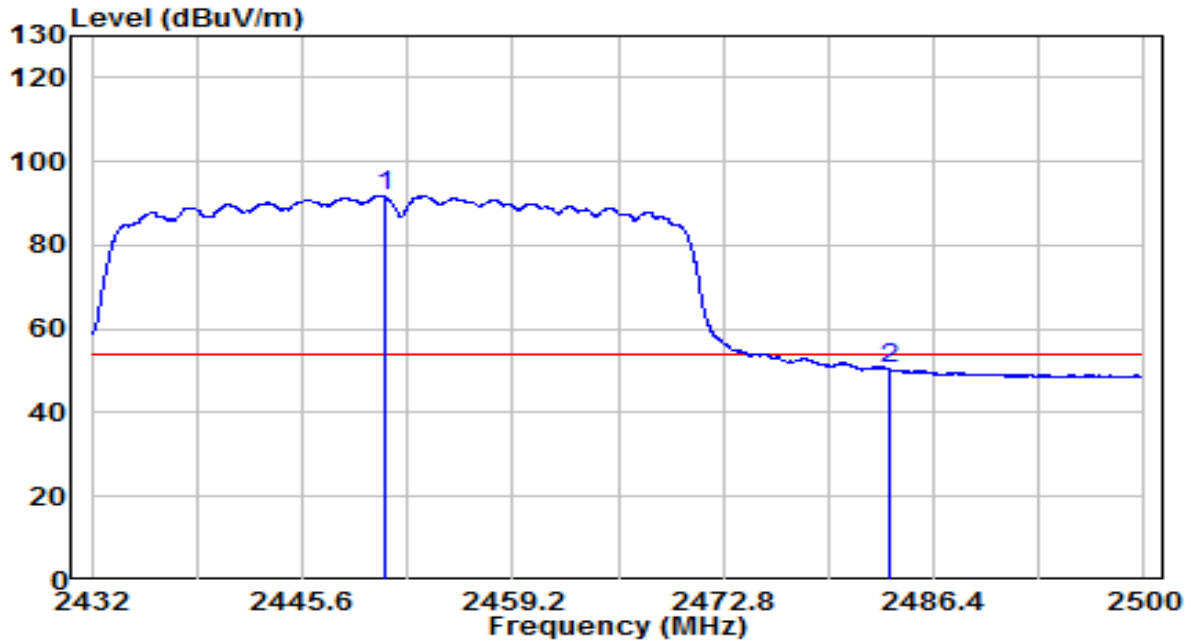


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	2444.342	67.56	32.54	100.09	N/A	N/A	Peak
2		2483.500	29.77	32.71	62.48	-11.52	74.00	Peak
3		2484.598	30.90	32.71	63.61	-10.39	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-03-17
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	17.9°C/18%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	*	2450.904	59.28	32.56	91.84	N/A	N/A	Average
2		2483.500	17.92	32.71	50.63	-3.37	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement(dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- 4.The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8. AC Conducted Emissions Measurement

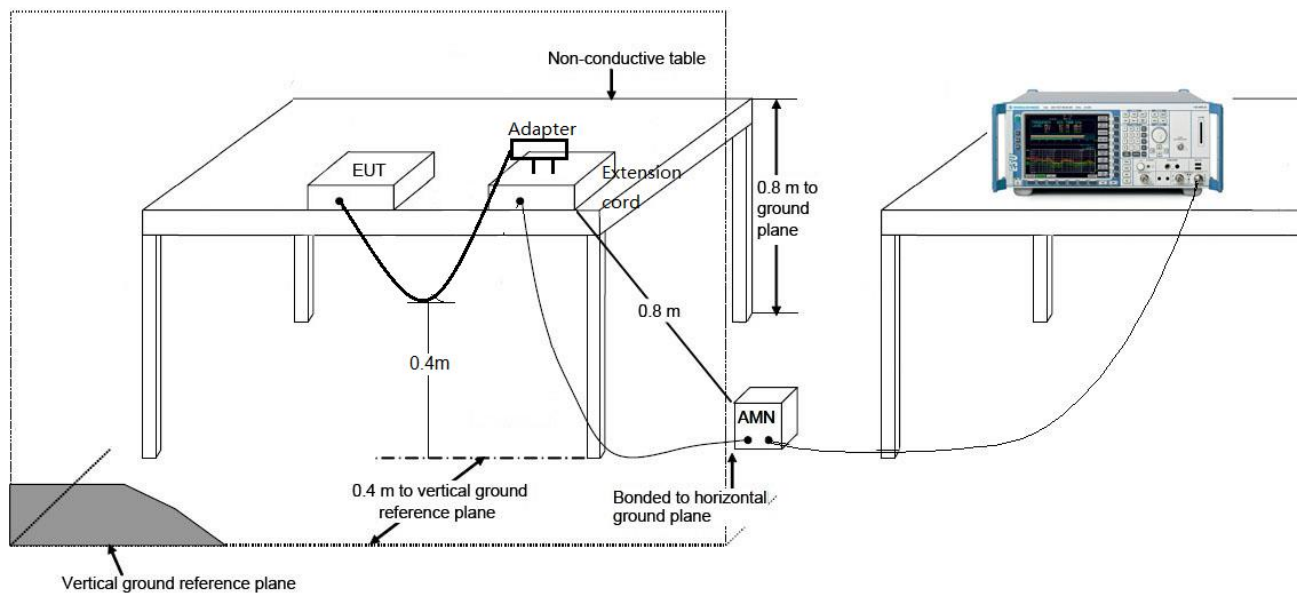
7.8.1. Test Limit

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.

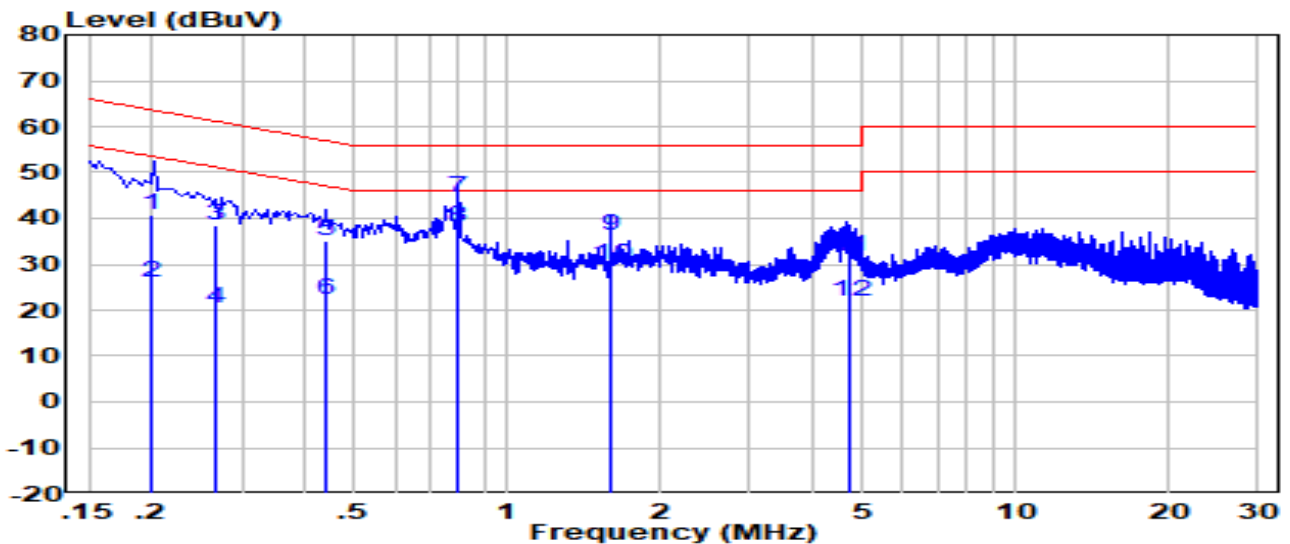
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	AC1200 WI-FI RANGE EXTENDER	Date of Test	2021-04-19
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	20.4°C /40.5%
Polarity	Line1	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Mode 1	Test Voltage	120V/60Hz

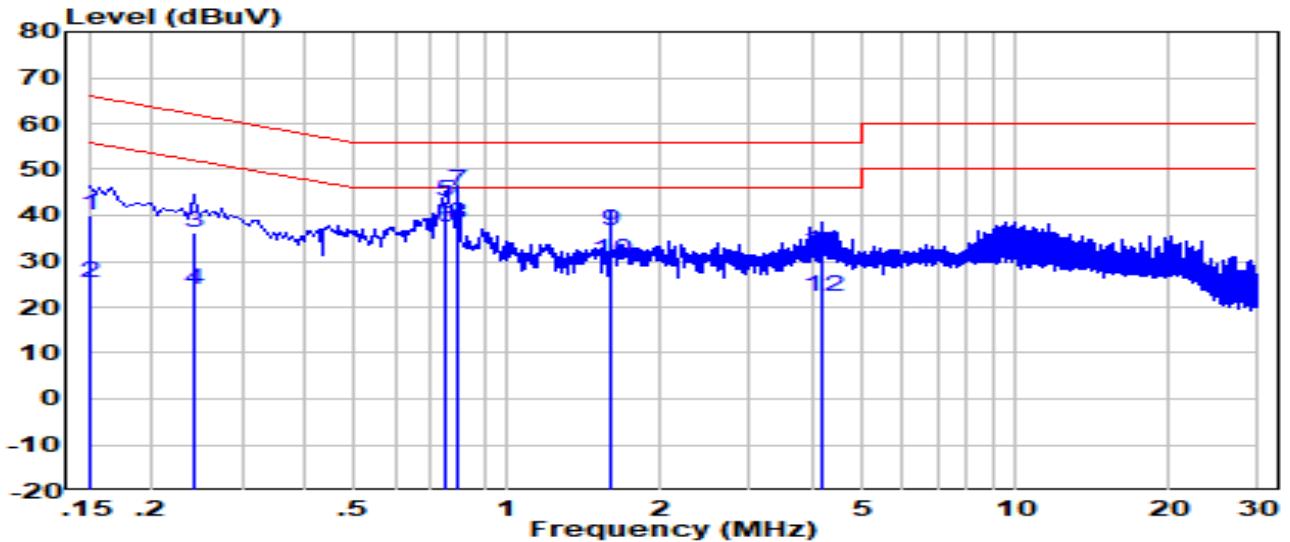


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	0.200	31.03	9.61	40.64	-22.97	63.61	QP
2	0.200	16.53	9.61	26.14	-27.47	53.61	Average
3	0.267	28.94	9.62	38.55	-22.66	61.21	QP
4	0.267	10.64	9.62	20.25	-30.96	51.21	Average
5	0.438	25.36	9.63	34.98	-22.12	57.10	QP
6	0.438	12.56	9.63	22.18	-24.92	47.10	Average
7	0.800	34.89	9.65	44.53	-11.47	56.00	QP
8	*	28.49	9.65	38.13	-7.87	46.00	Average
9	1.600	26.48	9.68	36.16	-19.84	56.00	QP
10	1.600	20.28	9.68	29.96	-16.04	46.00	Average
11	4.692	22.12	9.73	31.85	-24.15	56.00	QP
12	4.692	12.32	9.73	22.05	-23.95	46.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AC1200 WI-FI RANGE EXTENDER	Date of Test	2021-04-19
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	20.4°C /40.5%
Polarity	Neutral	Site / Test Engineer	SR2 / Eric Lin
Test Mode	Mode 1	Test Voltage	120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.150	30.28	9.62	39.90	-26.10	66.00	QP
2		0.150	15.68	9.62	25.30	-30.70	56.00	Average
3		0.241	26.61	9.63	36.23	-25.83	62.06	QP
4		0.241	14.21	9.63	23.83	-28.23	52.06	Average
5		0.753	33.36	9.66	43.02	-12.98	56.00	QP
6		0.753	27.56	9.66	37.22	-8.78	46.00	Average
7		0.800	35.47	9.66	45.12	-10.88	56.00	QP
8	*	0.800	28.57	9.66	38.22	-7.78	46.00	Average
9		1.600	27.07	9.68	36.76	-19.24	56.00	QP
10		1.600	20.37	9.68	30.06	-15.94	46.00	Average
11		4.163	22.49	9.73	32.22	-23.78	56.00	QP
12		4.163	12.59	9.73	22.32	-23.68	46.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement(dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

8. 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 “ 2101TW0002-Setup Photo” file.

Appendix B - External Photograph

Refer to “ 2101TW0002-External Photo” file.

Appendix C - Internal Photograph

Refer to “ 2101TW0002-Internal Photo” file.