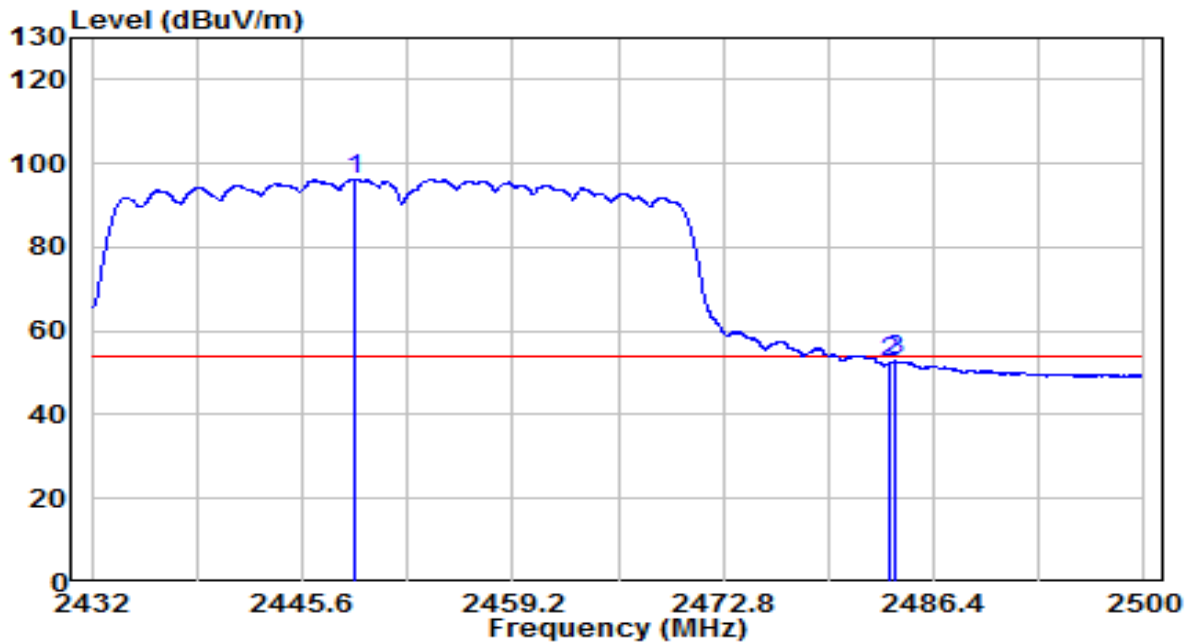


EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-03-17
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	17.9°C/18%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11n-HT40 at Channel 2452MHz	Test Voltage	120V/60Hz

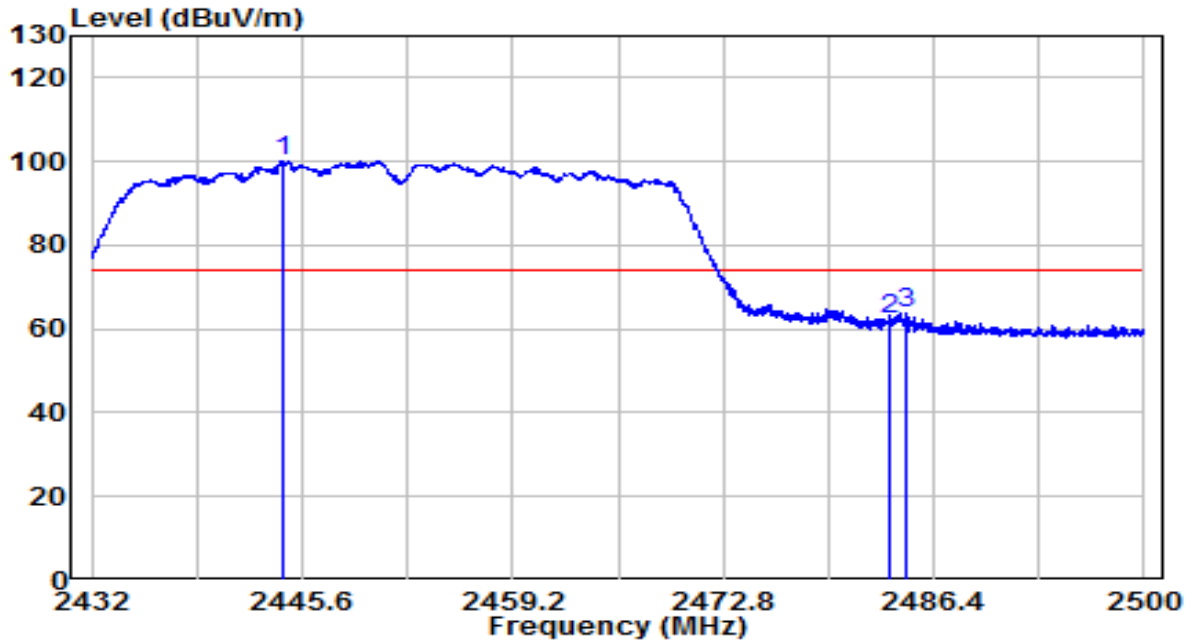


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2449.034	63.76	32.56	96.32	N/A	N/A	Average
2	2483.500	19.83	32.71	52.53	-1.47	54.00	Average
3	2483.918	20.04	32.71	52.75	-1.25	54.00	Average

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

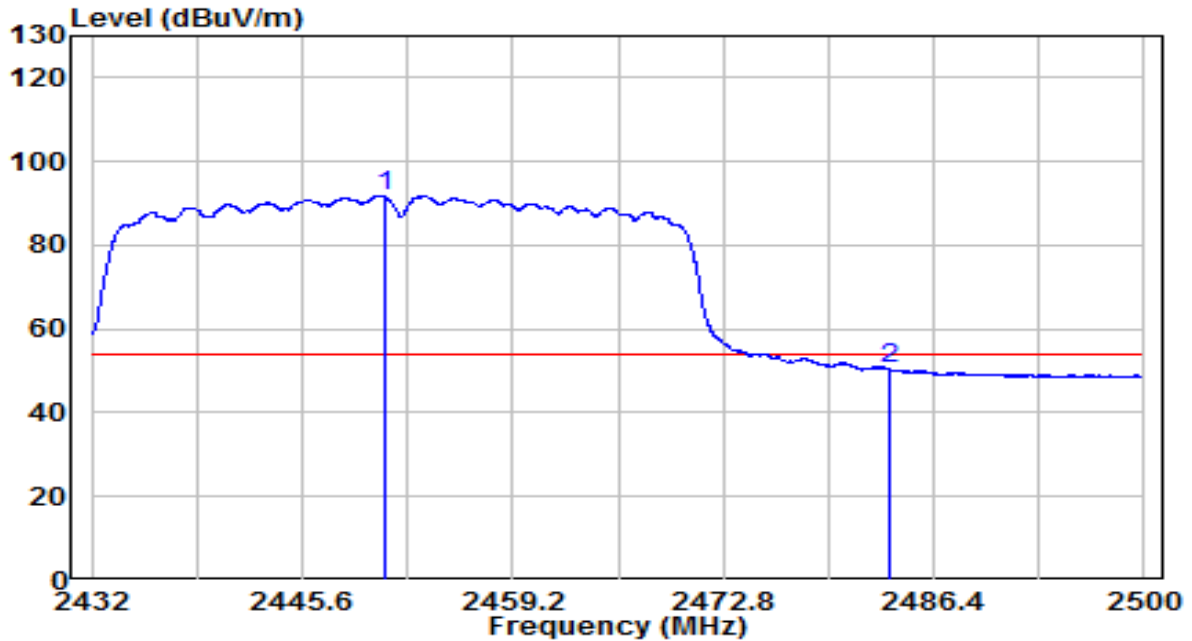


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	* 2444.342	67.56	32.54	100.09	N/A	N/A	Peak
2	2483.500	29.77	32.71	62.48	-11.52	74.00	Peak
3	2484.598	30.90	32.71	63.61	-10.39	74.00	Peak

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

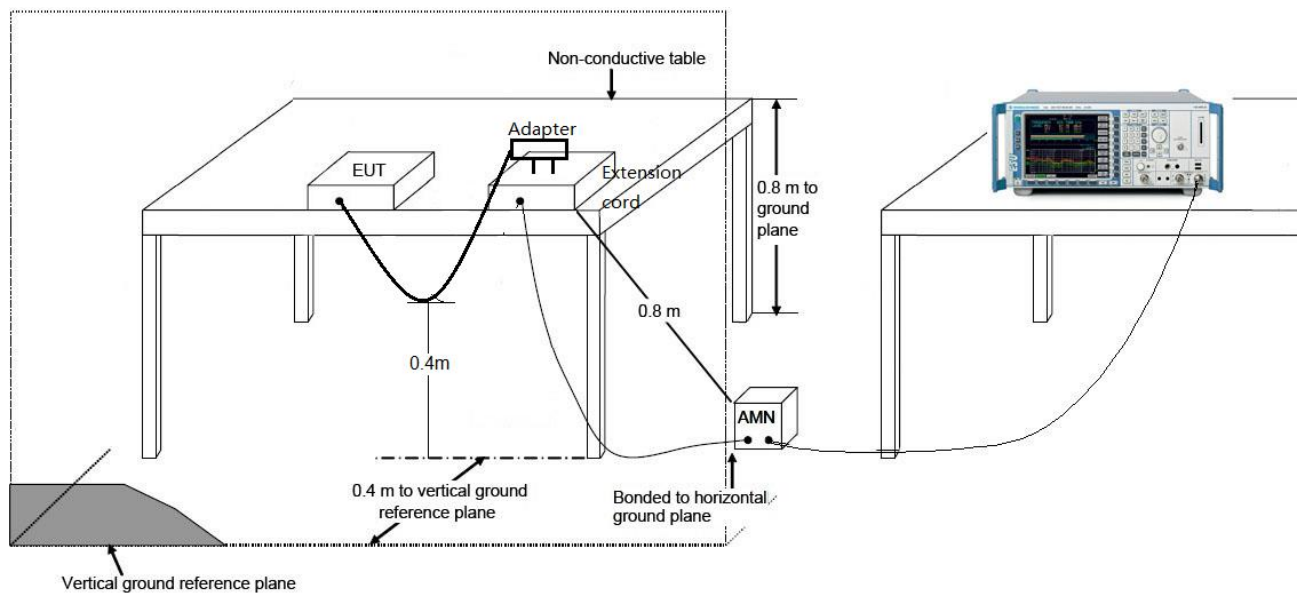
7.8.1. Test Limit

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.

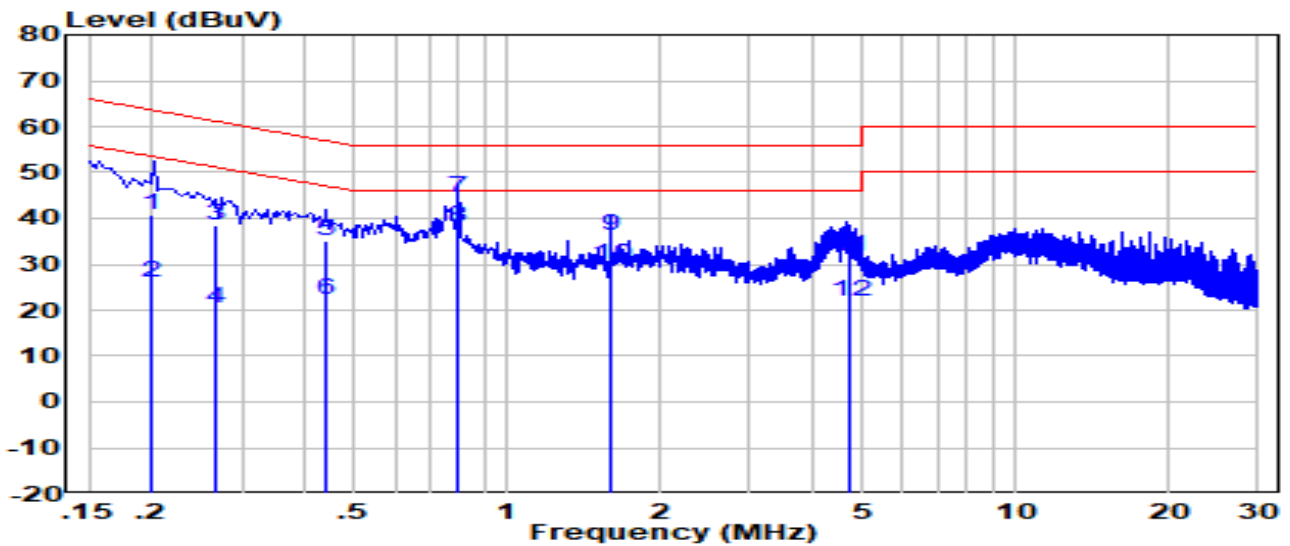
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

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

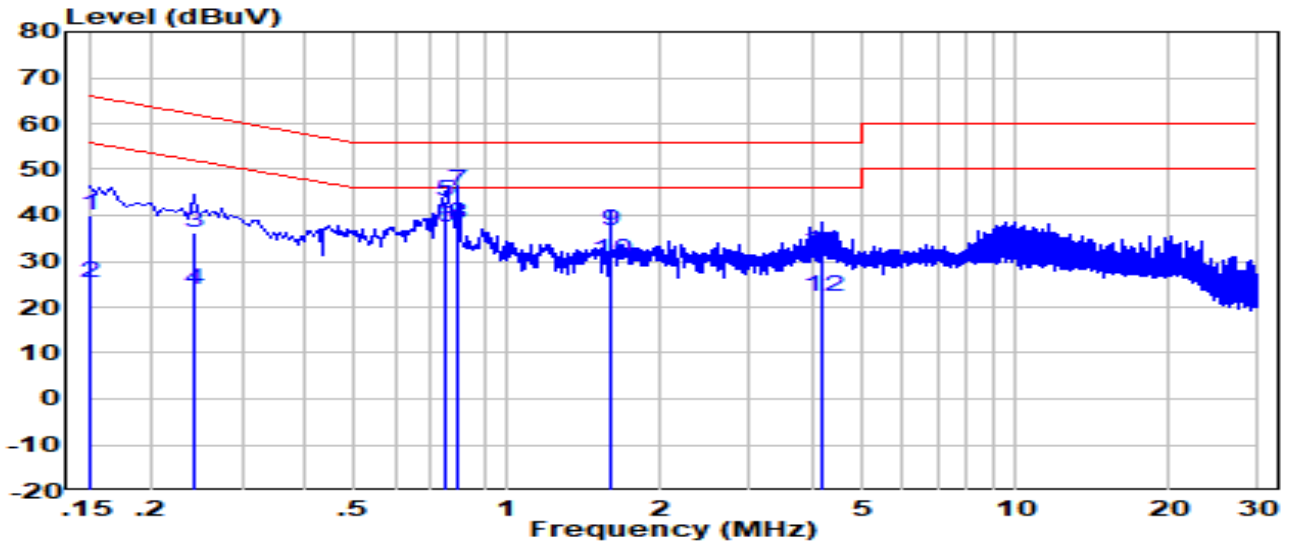


No	Frequency (MHz)	Reading (dBUV)	C.F (dB)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Remark (QP/PK/AV)
1	0.200	31.03	9.61	40.64	-22.97	63.61	QP
2	0.200	16.53	9.61	26.14	-27.47	53.61	Average
3	0.267	28.94	9.62	38.55	-22.66	61.21	QP
4	0.267	10.64	9.62	20.25	-30.96	51.21	Average
5	0.438	25.36	9.63	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	*	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.