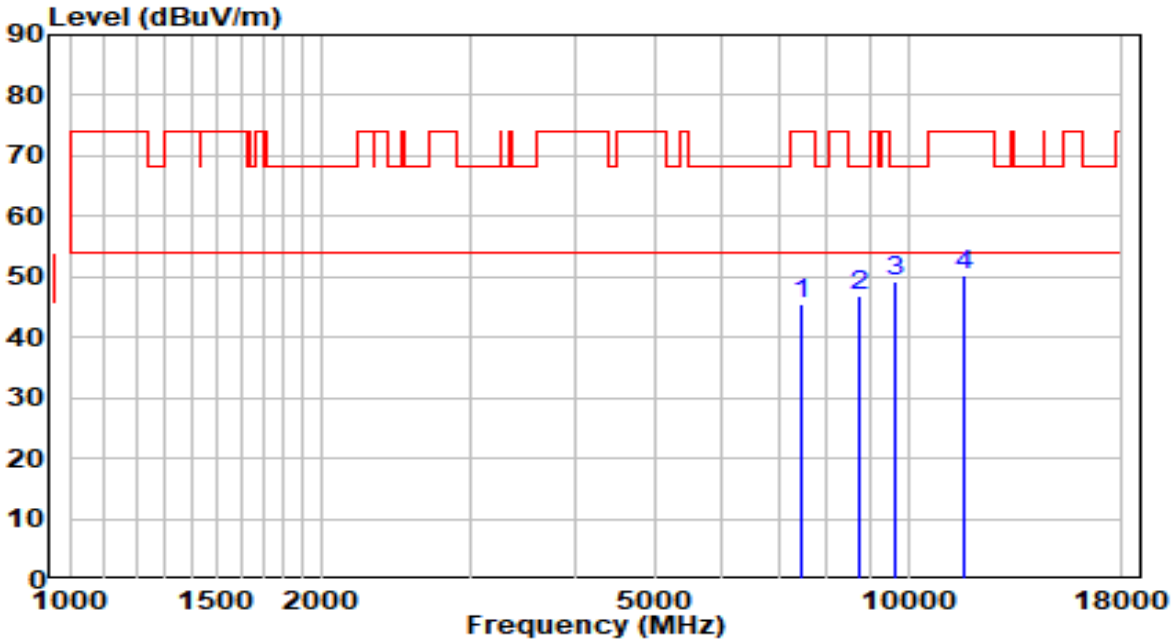
EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

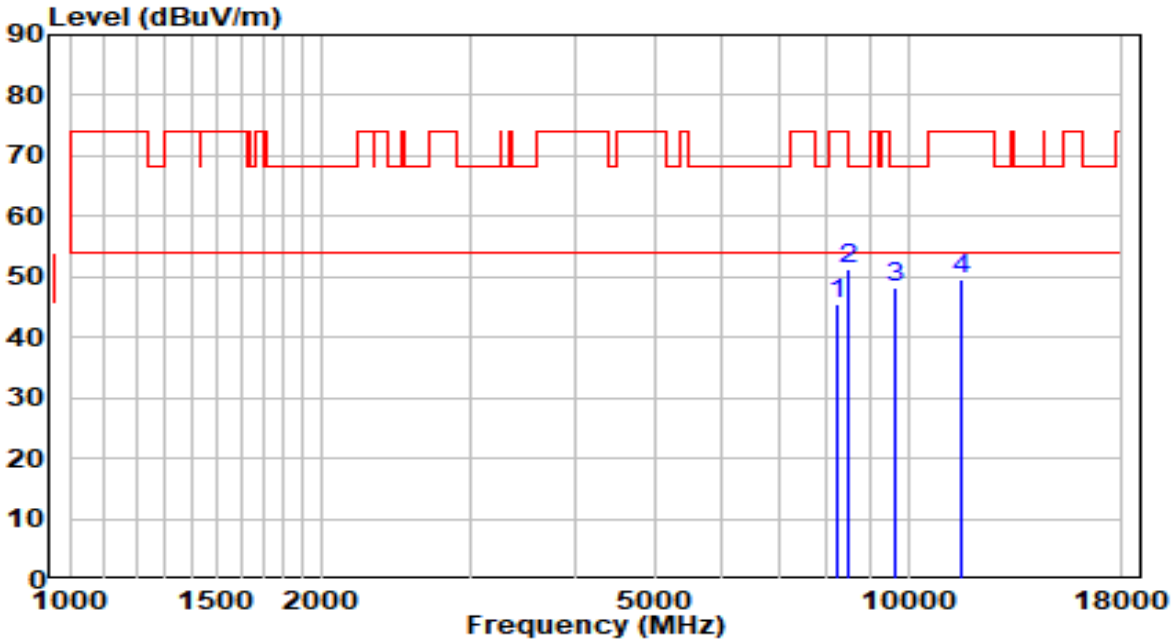


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7468.500	33.89	11.63	45.52	-28.48	74.00	Peak
2		8752.000	33.66	13.07	46.73	-21.47	68.20	Peak
3	*	9627.500	34.75	14.66	49.41	-18.79	68.20	Peak
4		11701.500	32.11	18.20	50.30	-23.70	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

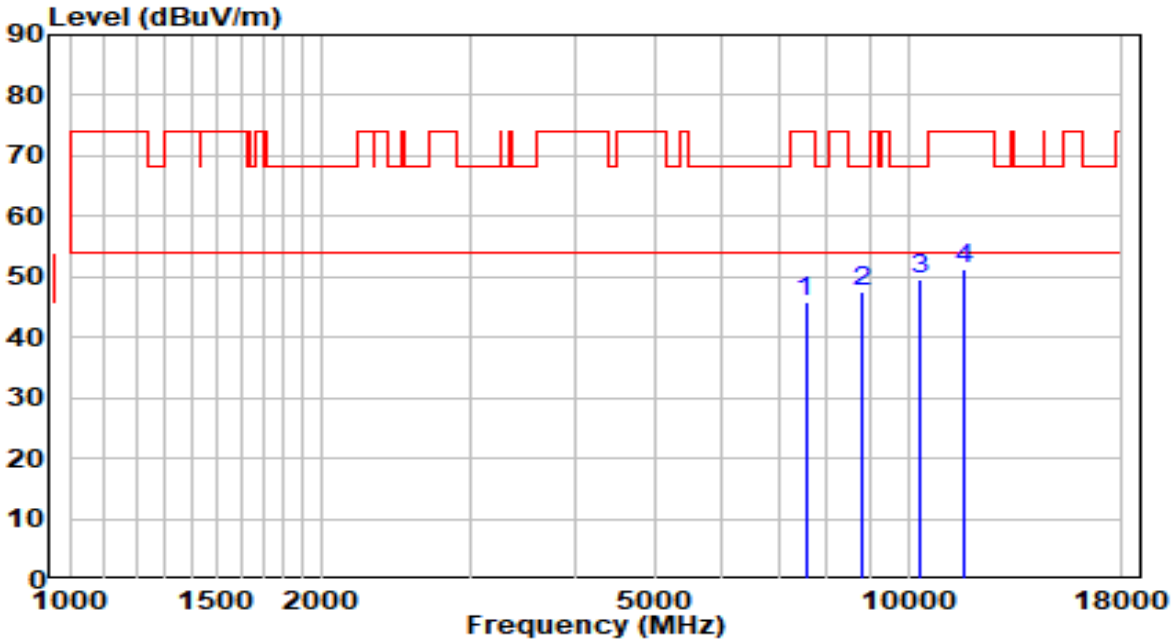


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8233.500	33.02	12.49	45.51	-28.49	74.00	Peak
2	*	8514.000	38.71	12.49	51.20	-17.00	68.20	Peak
3		9619.000	33.63	14.64	48.28	-19.92	68.20	Peak
4		11591.000	31.28	18.34	49.61	-24.39	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	120V/60Hz

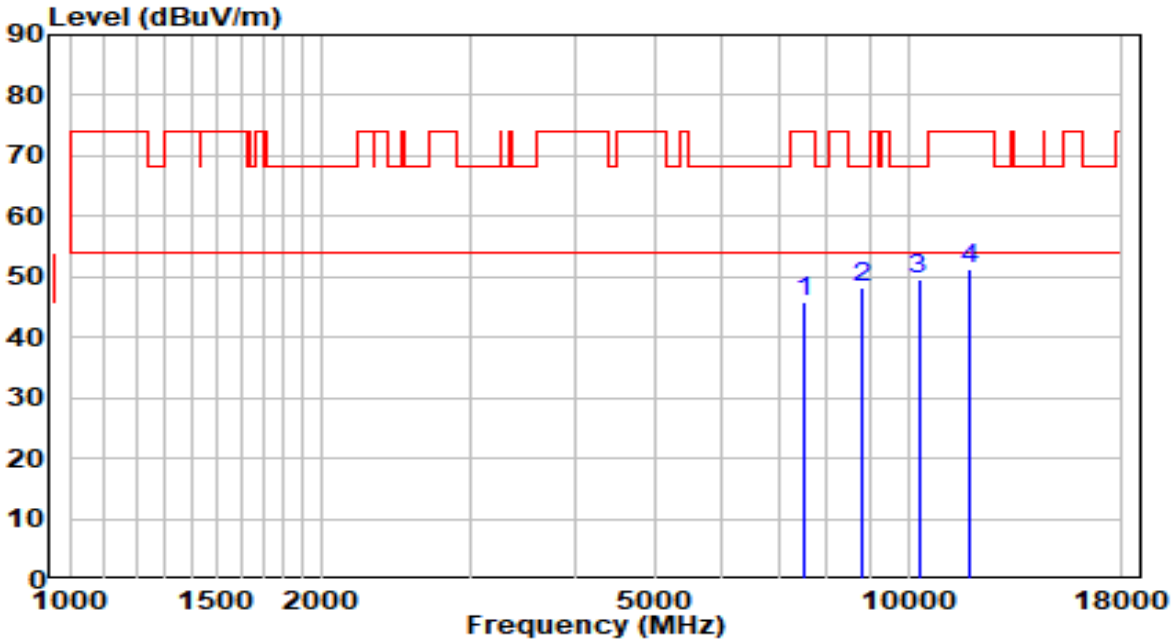


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7545.000	34.19	11.79	45.98	-28.02	74.00	Peak
2		8803.000	34.46	13.20	47.65	-20.55	68.20	Peak
3	*	10307.500	33.03	16.41	49.44	-18.76	68.20	Peak
4		11693.000	32.92	18.21	51.13	-22.87	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	120V/60Hz

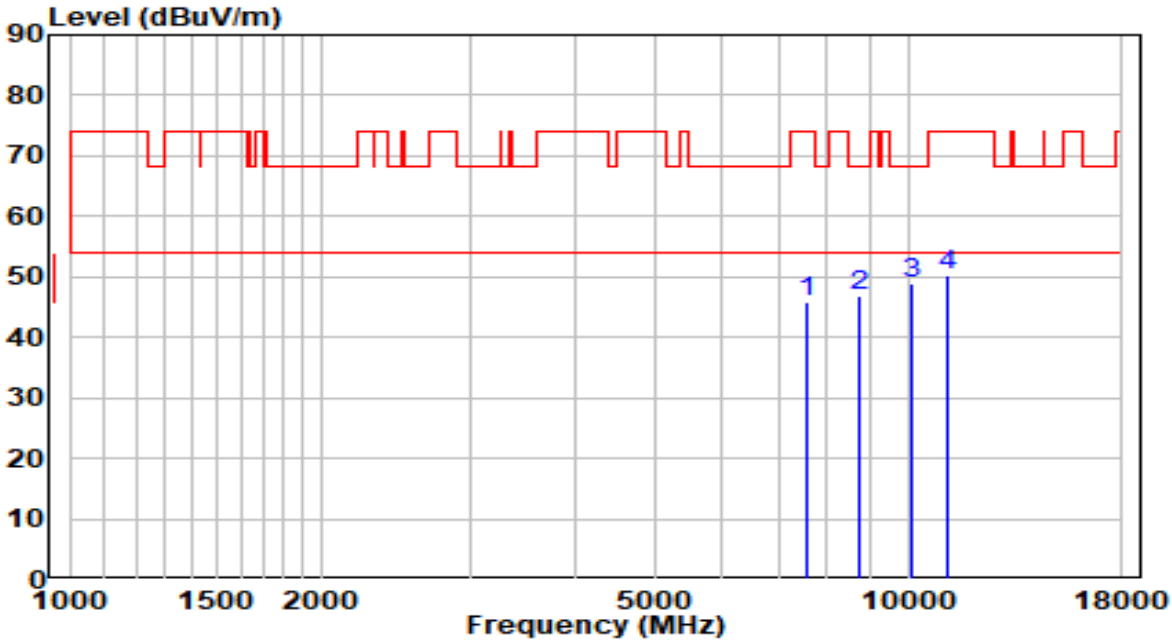


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7528.000	33.92	11.76	45.68	-28.32	74.00	Peak
2		8803.000	35.16	13.20	48.36	-19.84	68.20	Peak
3	*	10290.500	33.17	16.35	49.52	-18.68	68.20	Peak
4		11846.000	33.15	18.01	51.16	-22.84	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5580MHz	Test Voltage	120V/60Hz

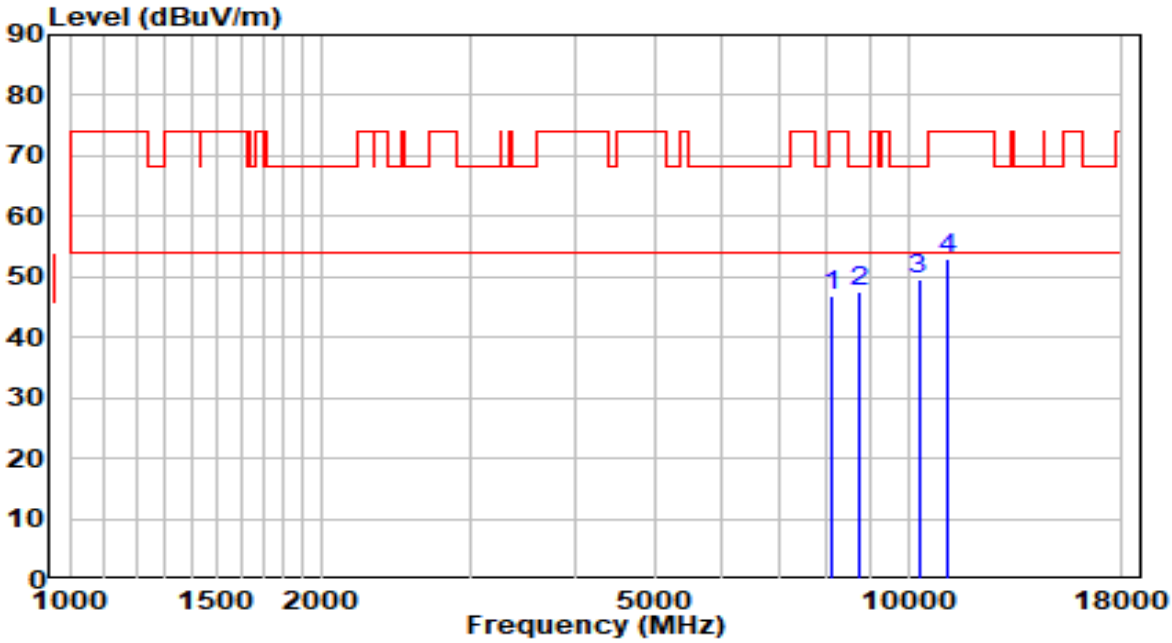


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7562.000	33.94	11.82	45.76	-28.24	74.00	Peak
2		8743.500	33.84	13.05	46.89	-21.31	68.20	Peak
3	*	10120.500	33.28	15.77	49.05	-19.15	68.20	Peak
4		11115.000	32.30	17.93	50.23	-23.77	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5580MHz	Test Voltage	120V/60Hz

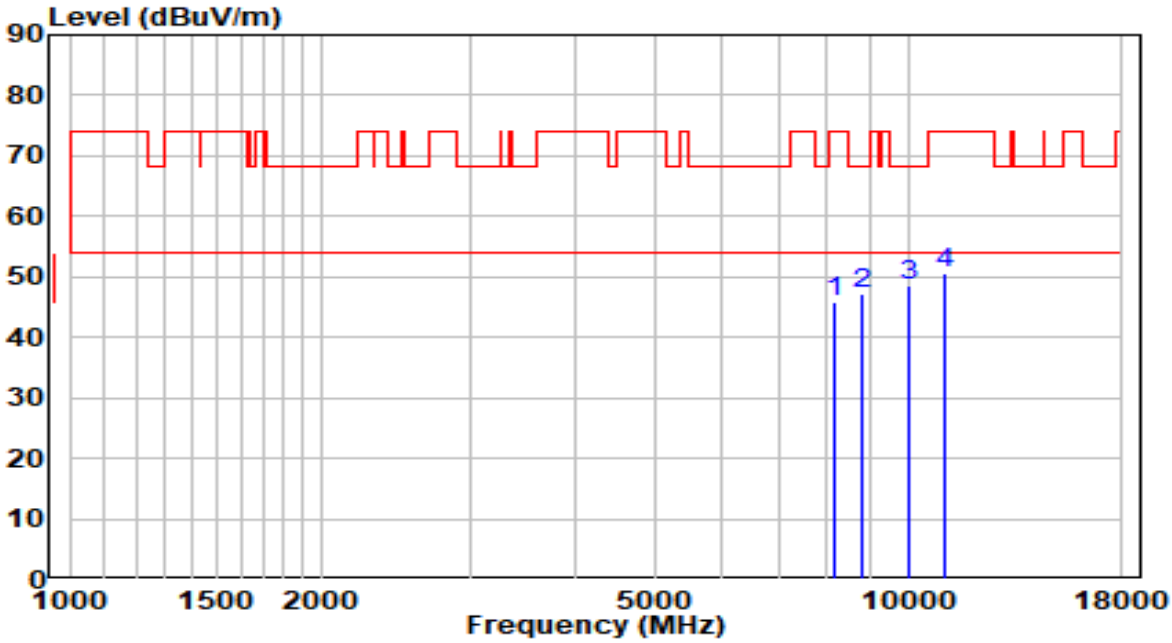


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8106.000	34.20	12.51	46.71	-27.29	74.00	Peak
2		8752.000	34.53	13.07	47.60	-20.60	68.20	Peak
3	*	10290.500	33.07	16.35	49.42	-18.78	68.20	Peak
4		11157.500	34.87	17.99	52.86	-21.14	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	120V/60Hz

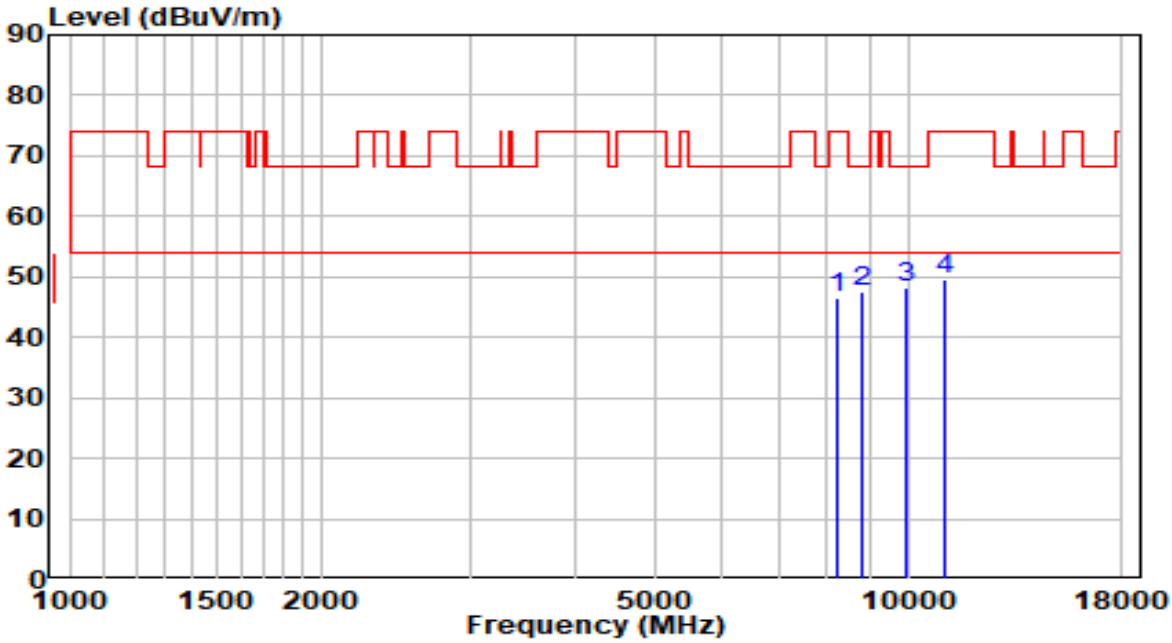


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8182.500	33.48	12.50	45.98	-28.02	74.00	Peak
2		8794.500	34.02	13.18	47.19	-21.01	68.20	Peak
3	*	9993.000	33.12	15.35	48.46	-19.74	68.20	Peak
4		11038.500	32.76	17.83	50.59	-23.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	120V/60Hz

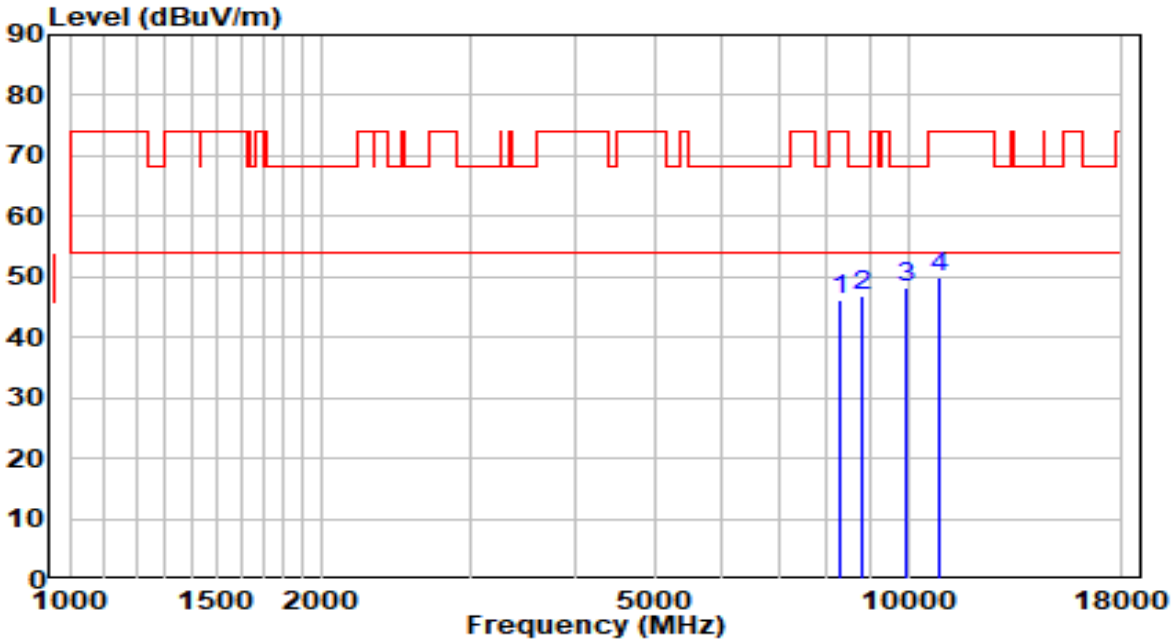


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8225.000	33.94	12.50	46.44	-27.56	74.00	Peak
2		8828.500	34.37	13.26	47.63	-20.57	68.20	Peak
3	*	9916.500	33.17	15.20	48.37	-19.83	68.20	Peak
4		11038.500	31.79	17.83	49.62	-24.38	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5720MHz	Test Voltage	120V/60Hz

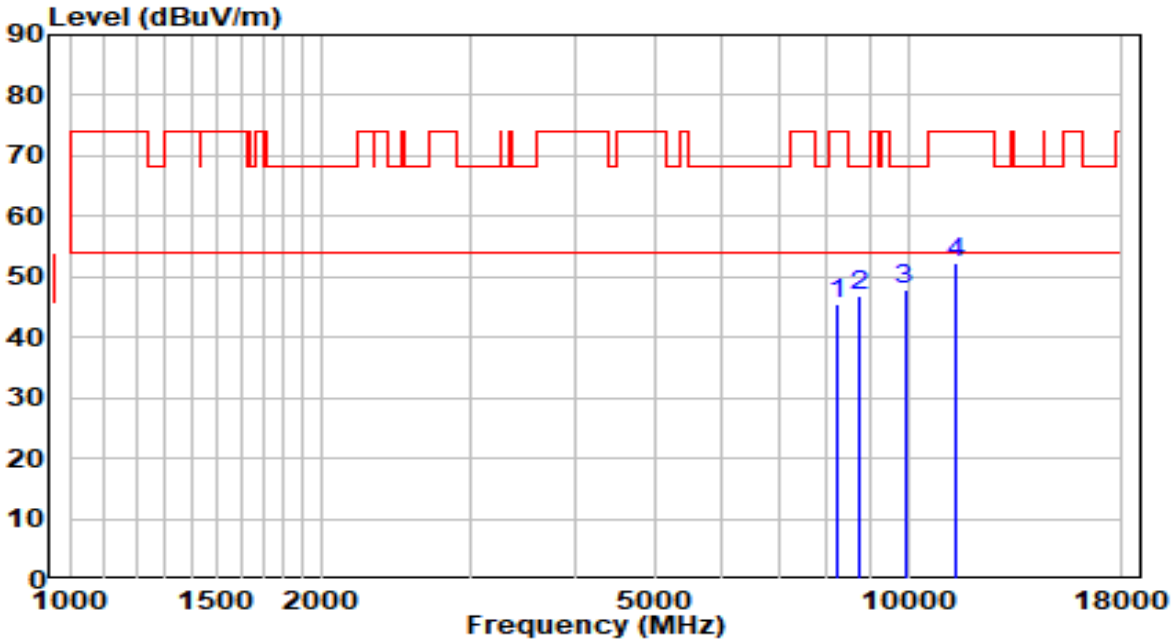


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8267.500	33.82	12.49	46.31	-27.69	74.00	Peak
2		8828.500	33.76	13.26	47.02	-21.18	68.20	Peak
3	*	9933.500	32.96	15.23	48.20	-20.00	68.20	Peak
4		10885.500	32.27	17.62	49.89	-24.11	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5720MHz	Test Voltage	120V/60Hz

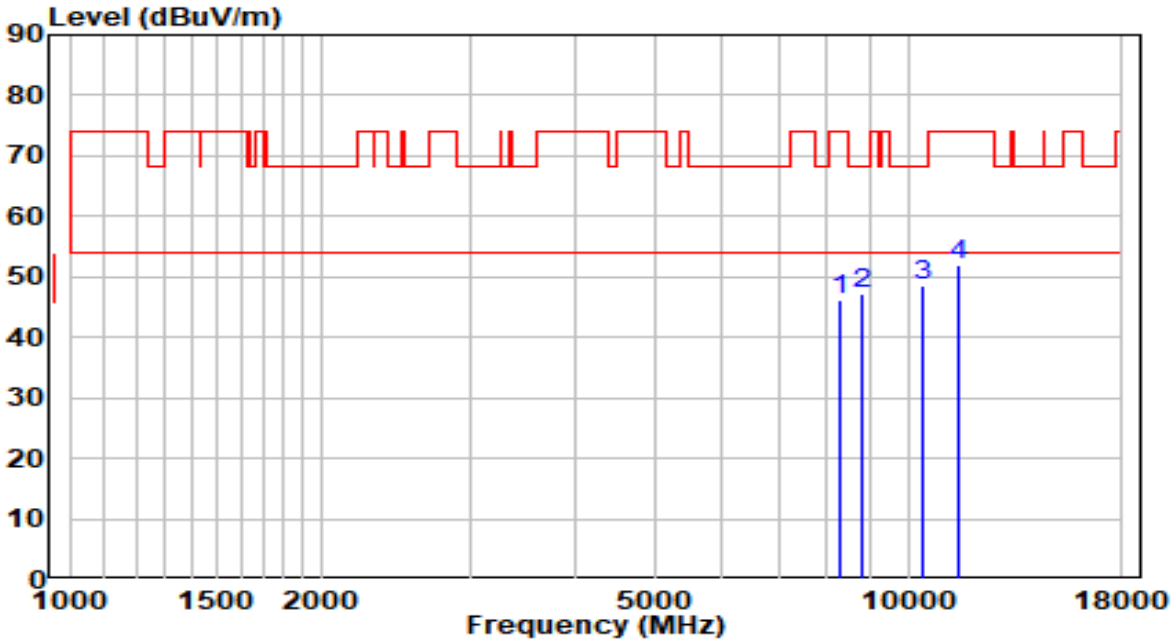


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8225.000	32.90	12.50	45.39	-28.61	74.00	Peak
2		8726.500	33.90	13.01	46.91	-21.29	68.20	Peak
3	*	9908.000	32.74	15.19	47.92	-20.28	68.20	Peak
4		11438.000	34.00	18.37	52.37	-21.63	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	120V/60Hz

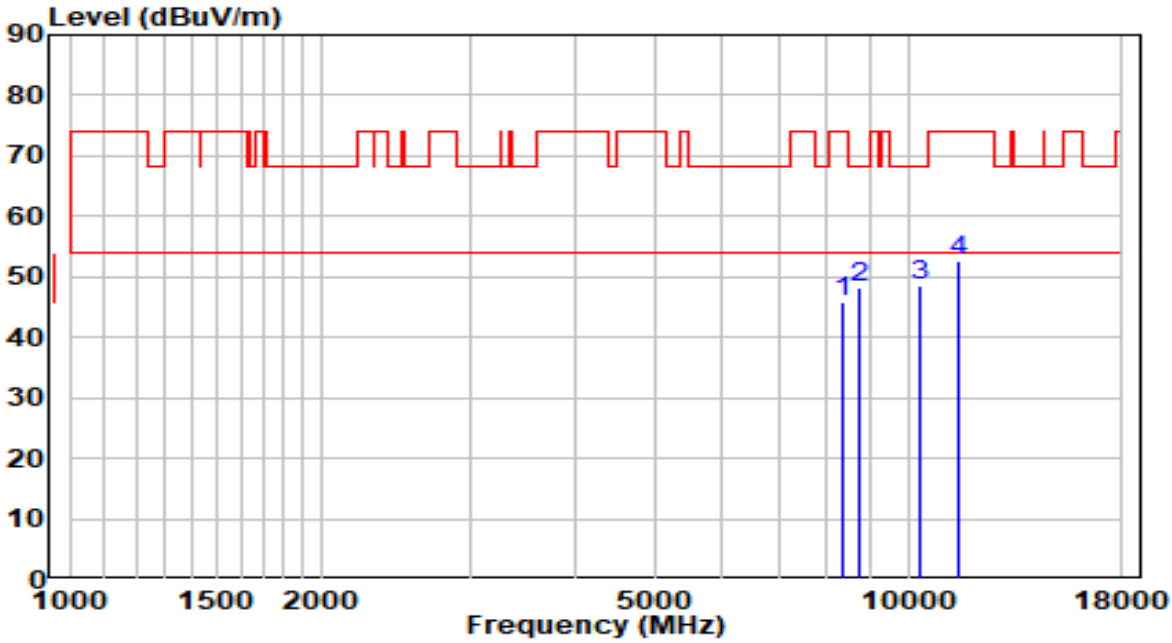


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8301.500	33.55	12.48	46.03	-27.97	74.00	Peak
2		8803.000	34.11	13.20	47.31	-20.89	68.20	Peak
3	*	10384.000	31.87	16.67	48.54	-19.66	68.20	Peak
4		11489.000	33.70	18.44	52.13	-21.87	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	120V/60Hz

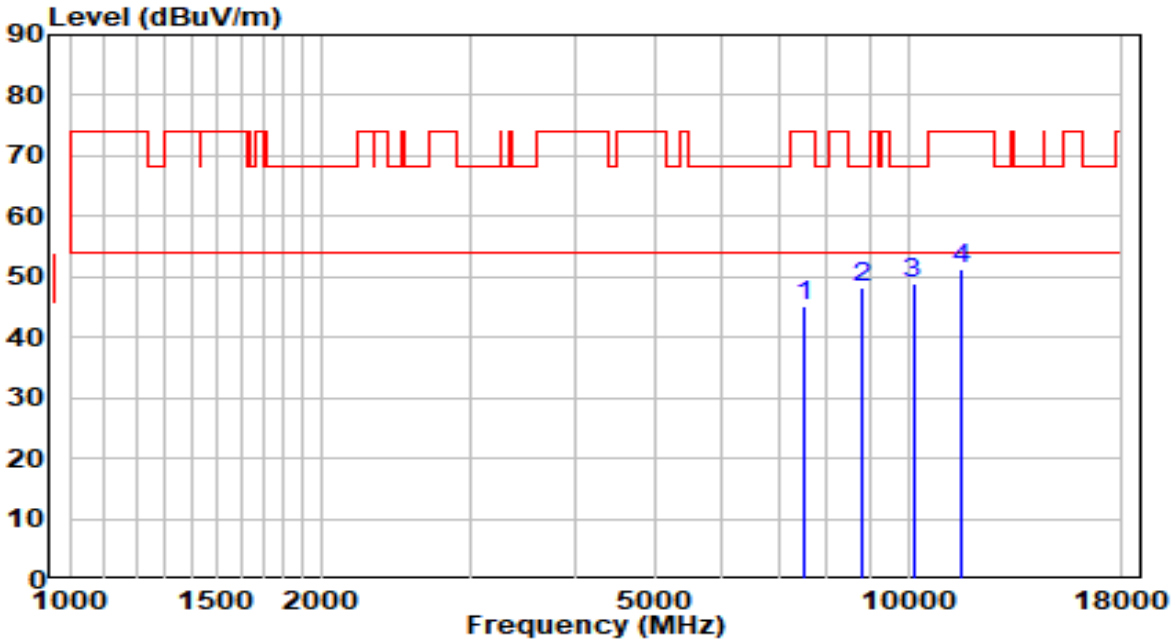


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8327.000	33.44	12.48	45.92	-28.08	74.00	Peak
2		8760.500	35.08	13.09	48.18	-20.02	68.20	Peak
3	*	10324.500	32.11	16.47	48.58	-19.62	68.20	Peak
4		11489.000	34.32	18.44	52.75	-21.25	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5785MHz	Test Voltage	120V/60Hz

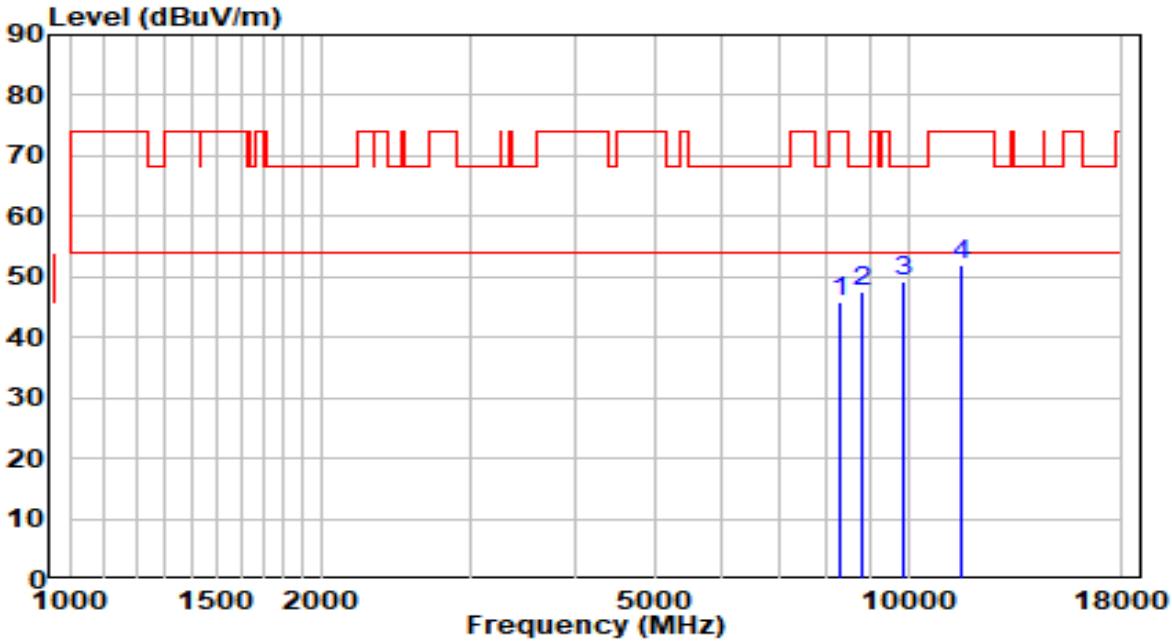


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7511.000	33.42	11.73	45.16	-28.84	74.00	Peak
2		8837.000	34.84	13.28	48.12	-20.08	68.20	Peak
3	*	10137.500	33.05	15.83	48.88	-19.32	68.20	Peak
4		11574.000	32.97	18.36	51.33	-22.67	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5785MHz	Test Voltage	120V/60Hz

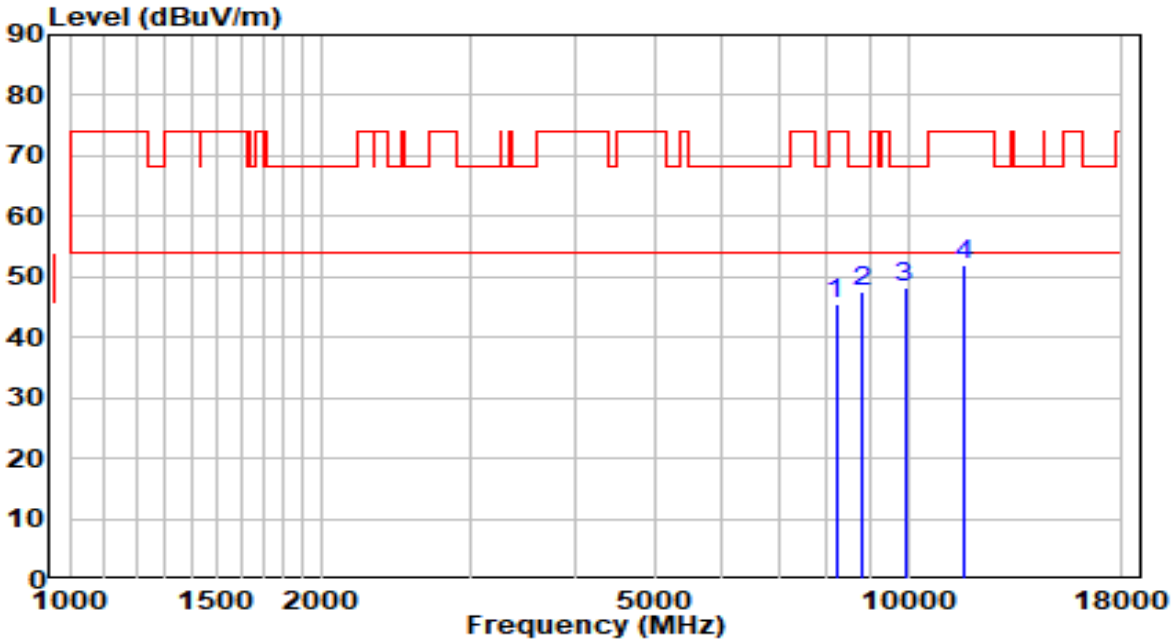


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8301.500	33.35	12.48	45.83	-28.17	74.00	Peak
2		8828.500	34.43	13.26	47.69	-20.51	68.20	Peak
3	*	9899.500	33.99	15.17	49.16	-19.04	68.20	Peak
4		11574.000	33.60	18.36	51.95	-22.05	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	120V/60Hz

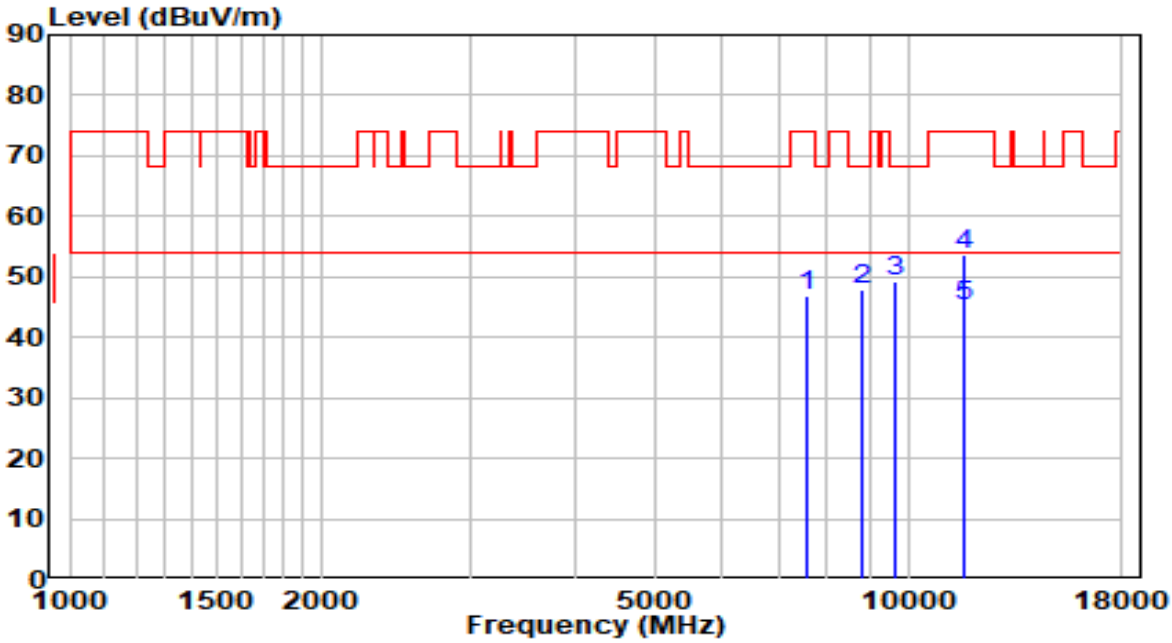


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8199.500	33.02	12.50	45.52	-28.48	74.00	Peak
2		8811.500	34.38	13.22	47.60	-20.60	68.20	Peak
3	*	9908.000	33.08	15.19	48.26	-19.94	68.20	Peak
4		11650.500	33.78	18.26	52.04	-21.96	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	120V/60Hz

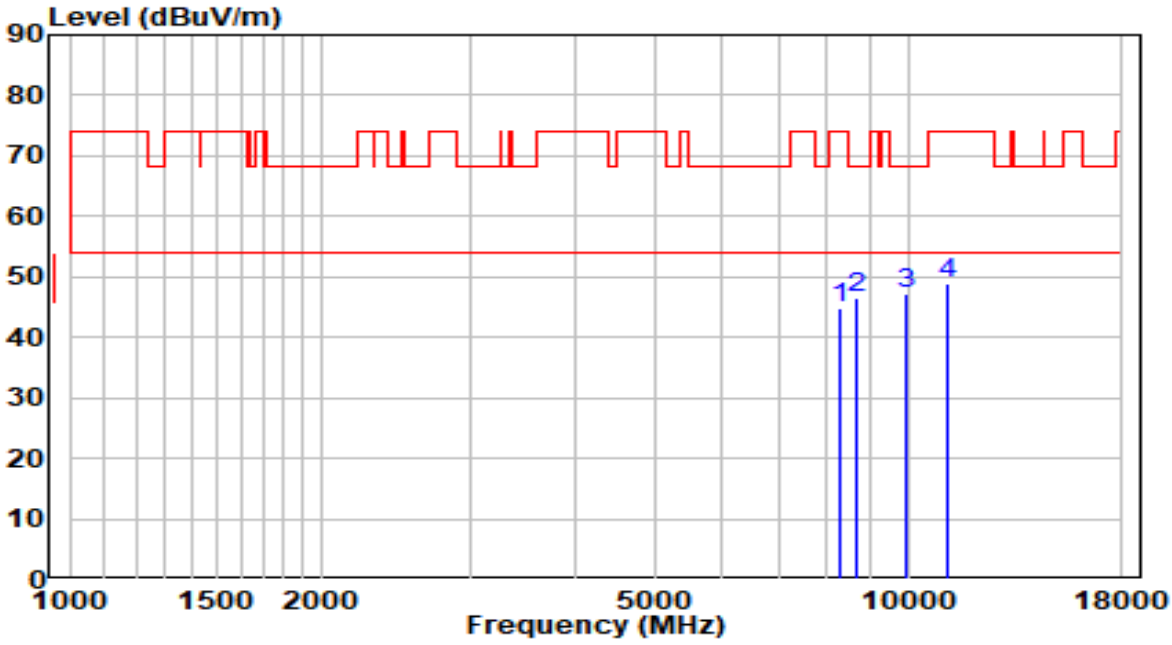


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7570.500	34.99	11.83	46.82	-27.18	74.00	Peak
2		8803.000	34.69	13.20	47.89	-20.31	68.20	Peak
3		9627.500	34.42	14.66	49.08	-19.12	68.20	Peak
4		11650.500	35.48	18.26	53.74	-20.26	74.00	Peak
5	*	11654.420	26.98	18.26	45.23	-8.77	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

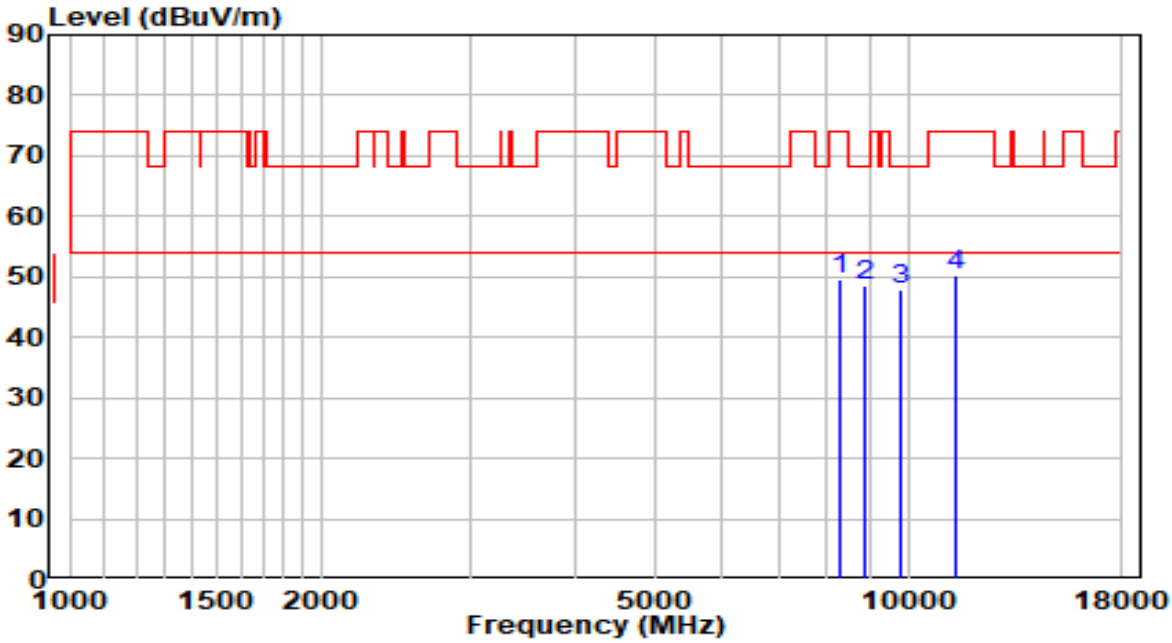


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8276.000	32.37	12.49	44.86	-29.14	74.00	Peak
2		8684.000	33.54	12.91	46.45	-21.75	68.20	Peak
3	*	9959.000	31.80	15.28	47.08	-21.12	68.20	Peak
4		11166.000	30.98	18.00	48.98	-25.02	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

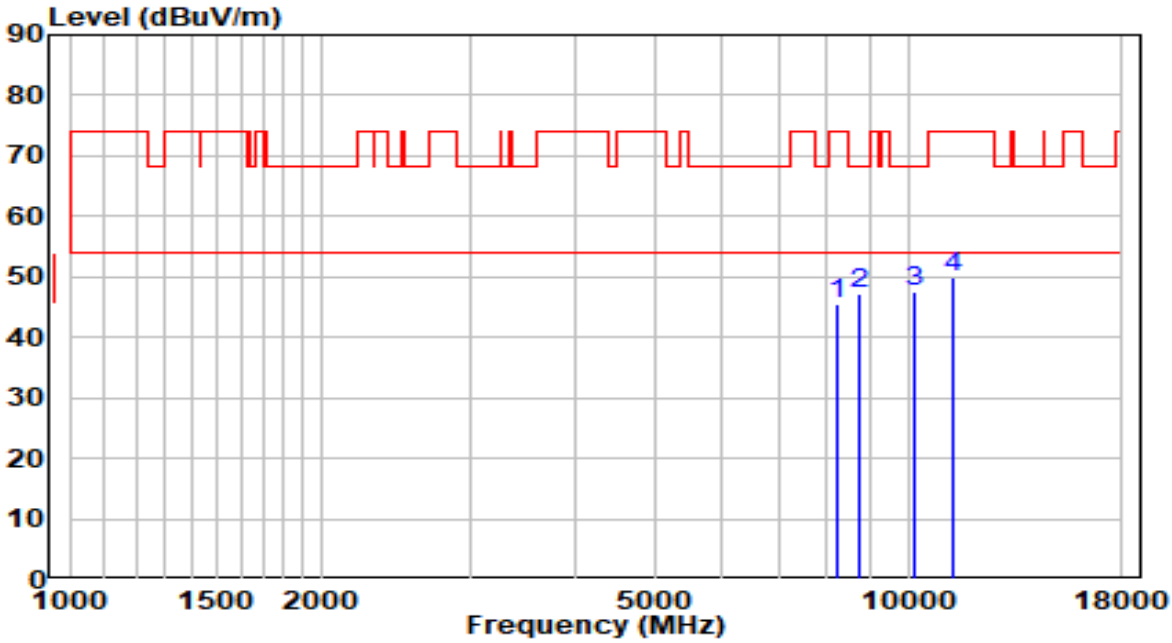


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8301.500	37.21	12.48	49.69	-24.31	74.00	Peak
2	*	8854.000	35.21	13.32	48.54	-19.66	68.20	Peak
3		9763.500	33.09	14.92	48.01	-20.19	68.20	Peak
4		11387.000	32.05	18.30	50.35	-23.65	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

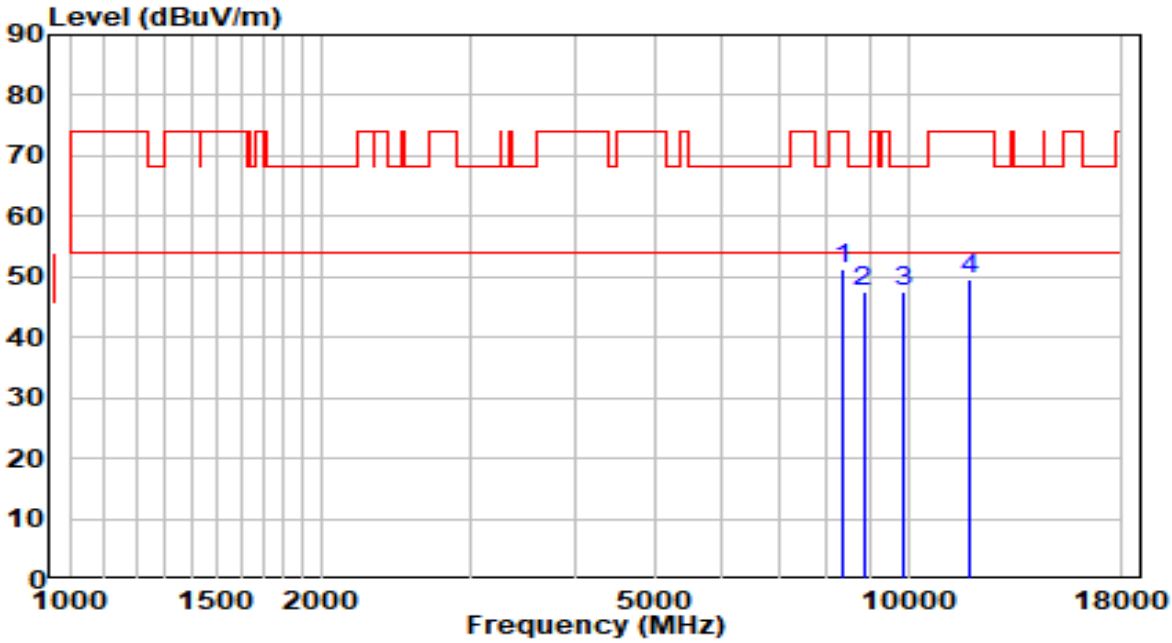


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8250.500	33.11	12.49	45.60	-28.40	74.00	Peak
2		8743.500	34.26	13.05	47.31	-20.89	68.20	Peak
3	*	10146.000	31.62	15.86	47.48	-20.72	68.20	Peak
4		11319.000	31.63	18.21	49.83	-24.17	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

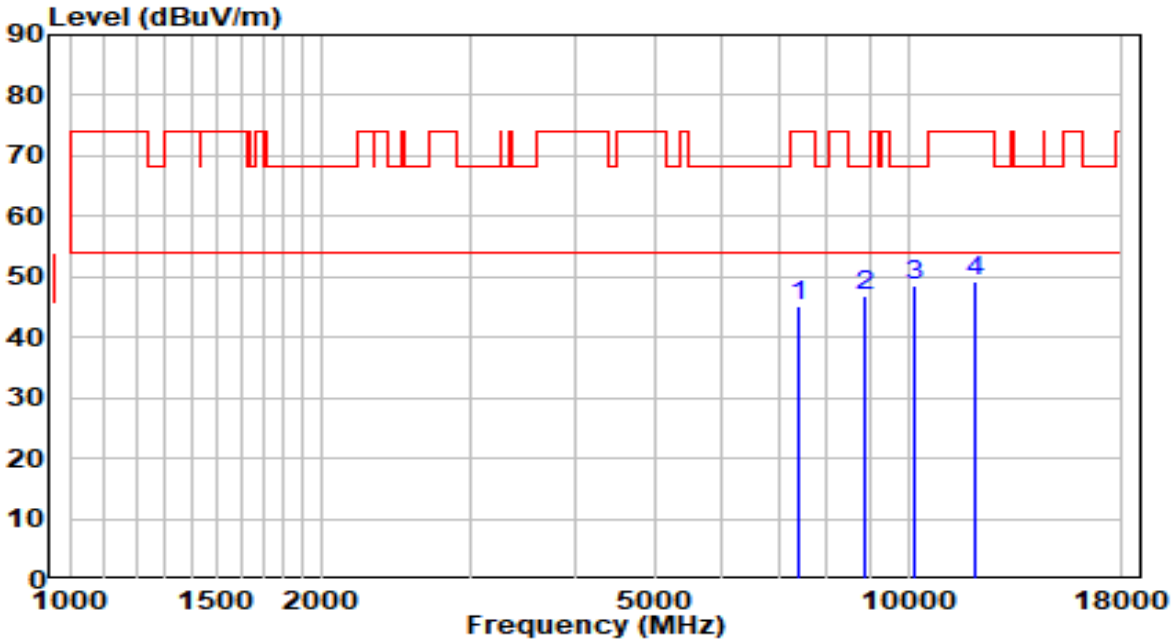


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8369.500	38.77	12.47	51.25	-22.75	74.00	Peak
2		8845.500	34.19	13.30	47.49	-20.71	68.20	Peak
3	*	9899.500	32.36	15.17	47.53	-20.67	68.20	Peak
4		11812.000	31.49	18.06	49.54	-24.46	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5270MHz	Test Voltage	120V/60Hz

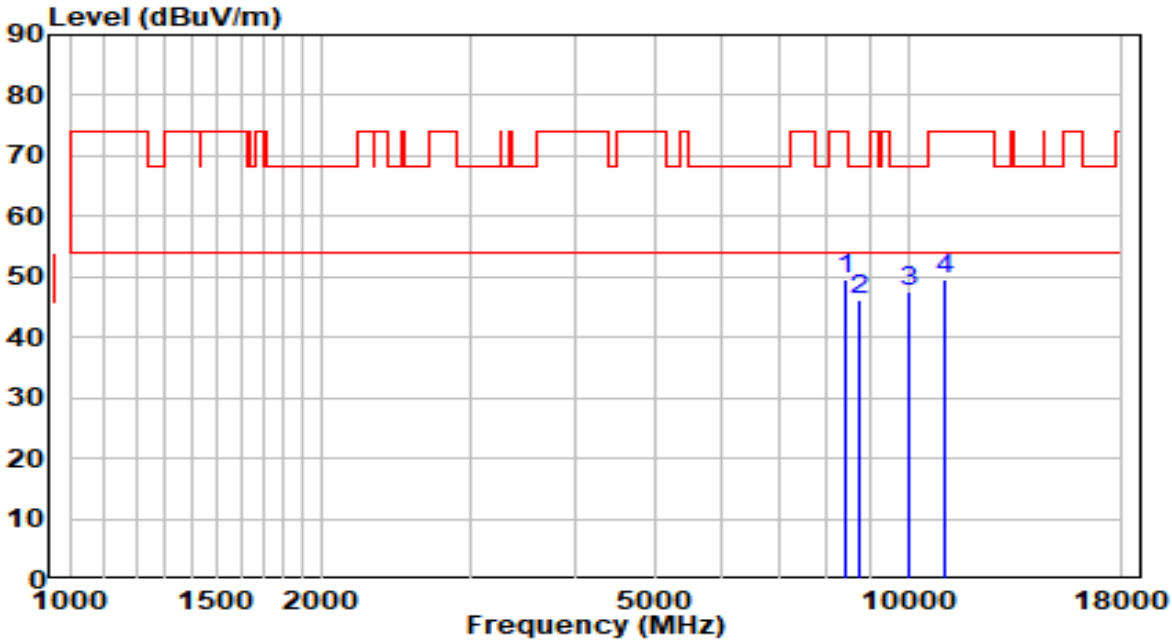


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7426.000	33.65	11.51	45.15	-28.85	74.00	Peak
2		8879.500	33.56	13.38	46.94	-21.26	68.20	Peak
3	*	10197.000	32.62	16.03	48.65	-19.55	68.20	Peak
4		11999.000	31.36	17.82	49.18	-24.82	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5270MHz	Test Voltage	120V/60Hz

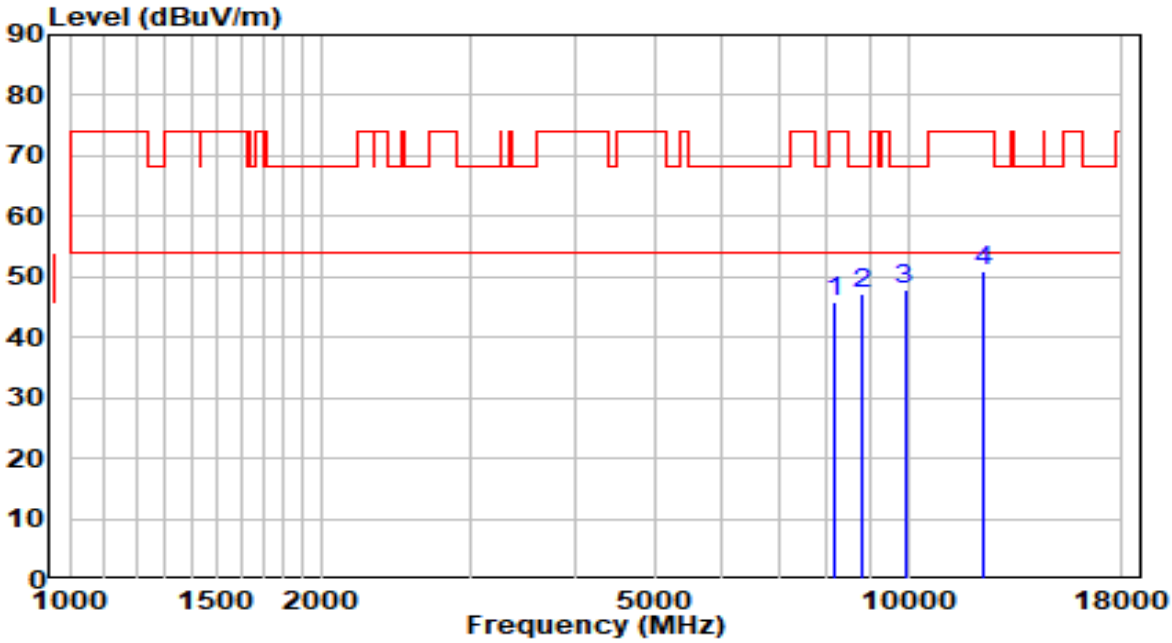


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8429.000	37.14	12.47	49.61	-24.39	74.00	Peak
2		8718.000	33.12	12.99	46.11	-22.09	68.20	Peak
3	*	10052.500	32.00	15.54	47.54	-20.66	68.20	Peak
4		11030.000	31.79	17.82	49.61	-24.39	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

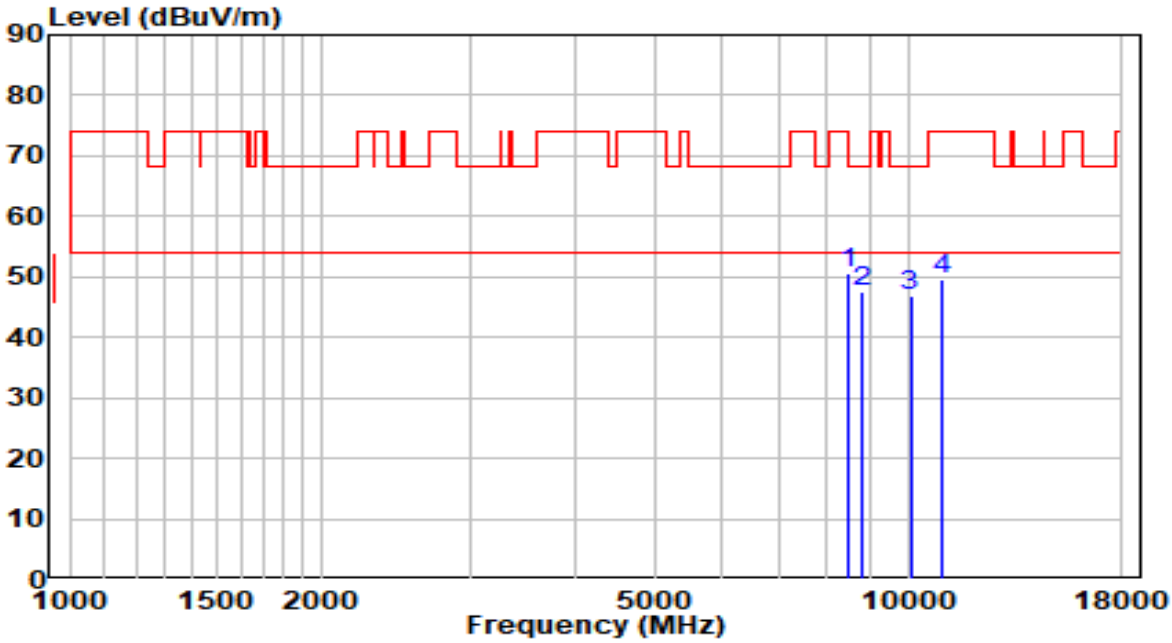


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8174.000	33.31	12.50	45.81	-28.19	74.00	Peak
2		8820.000	33.94	13.24	47.18	-21.02	68.20	Peak
3	*	9908.000	32.87	15.19	48.05	-20.15	68.20	Peak
4		12271.000	33.09	17.87	50.96	-23.04	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

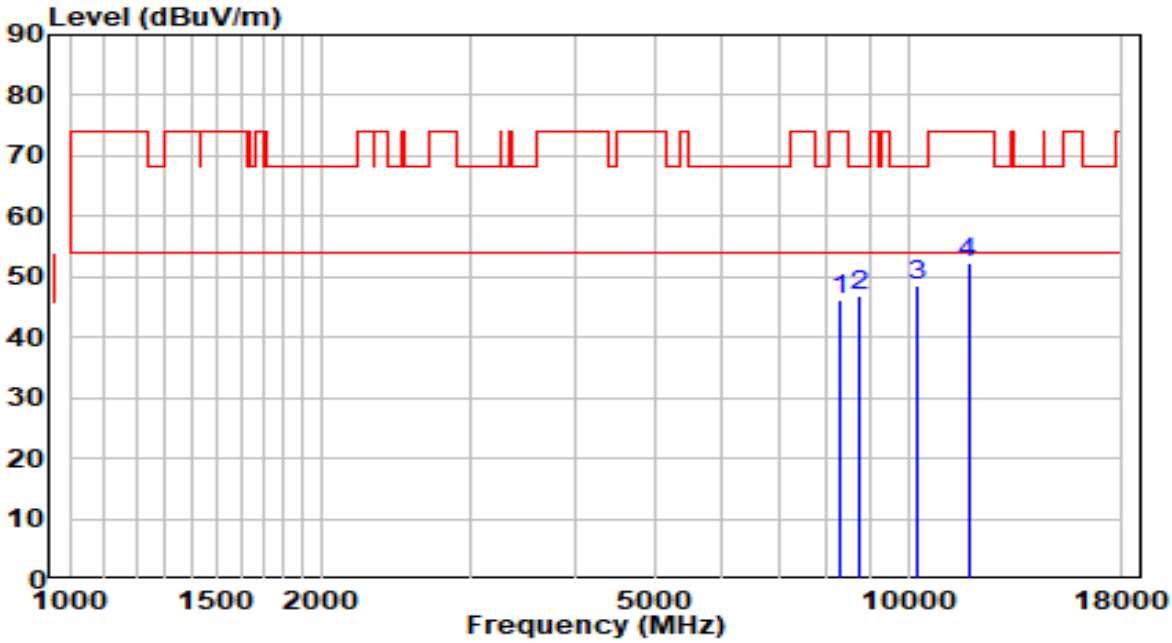


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8497.000	38.05	12.46	50.51	-23.49	74.00	Peak
2	*	8803.000	34.19	13.20	47.38	-20.82	68.20	Peak
3		10061.000	31.37	15.57	46.94	-21.26	68.20	Peak
4		10970.500	31.73	17.74	49.47	-24.53	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

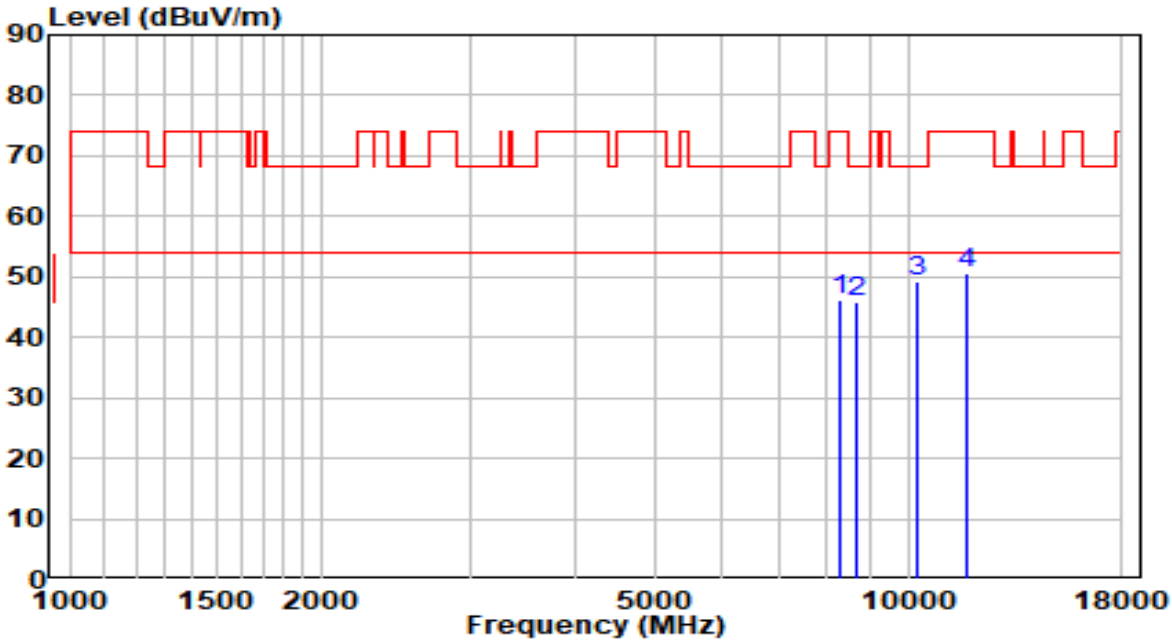


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8276.000	33.65	12.49	46.14	-27.86	74.00	Peak
2		8760.500	33.62	13.09	46.72	-21.48	68.20	Peak
3	*	10222.500	32.37	16.12	48.49	-19.71	68.20	Peak
4		11795.000	34.14	18.08	52.22	-21.78	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

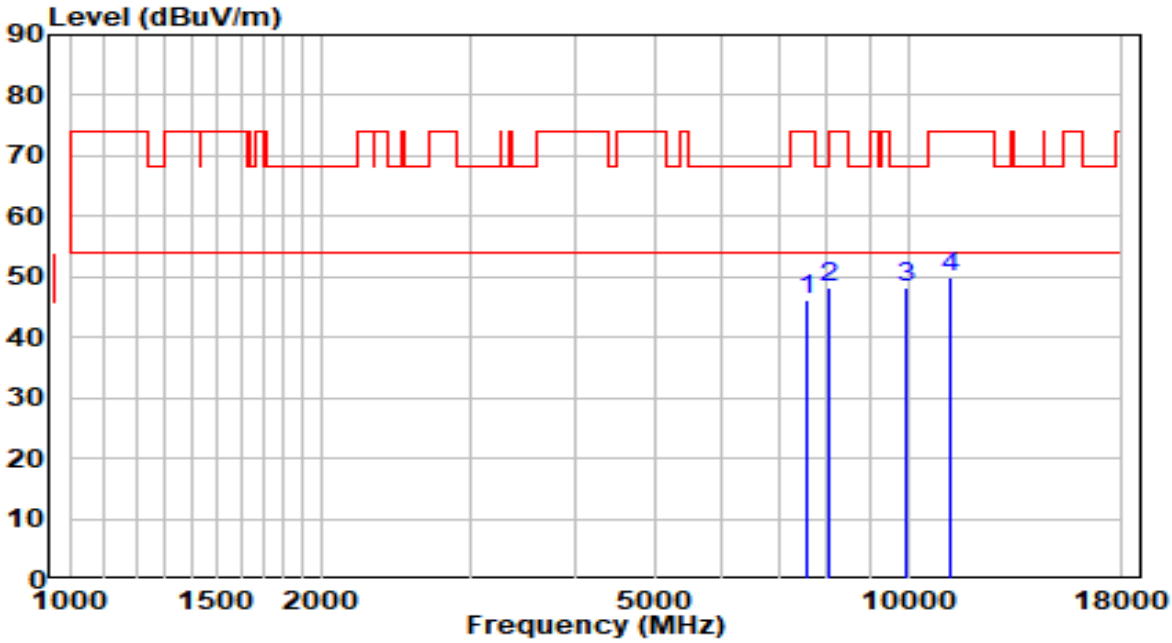


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8284.500	33.77	12.49	46.26	-27.74	74.00	Peak
2		8675.500	32.91	12.88	45.80	-22.40	68.20	Peak
3	*	10231.000	33.26	16.15	49.41	-18.79	68.20	Peak
4		11769.500	32.54	18.11	50.65	-23.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5550MHz	Test Voltage	120V/60Hz

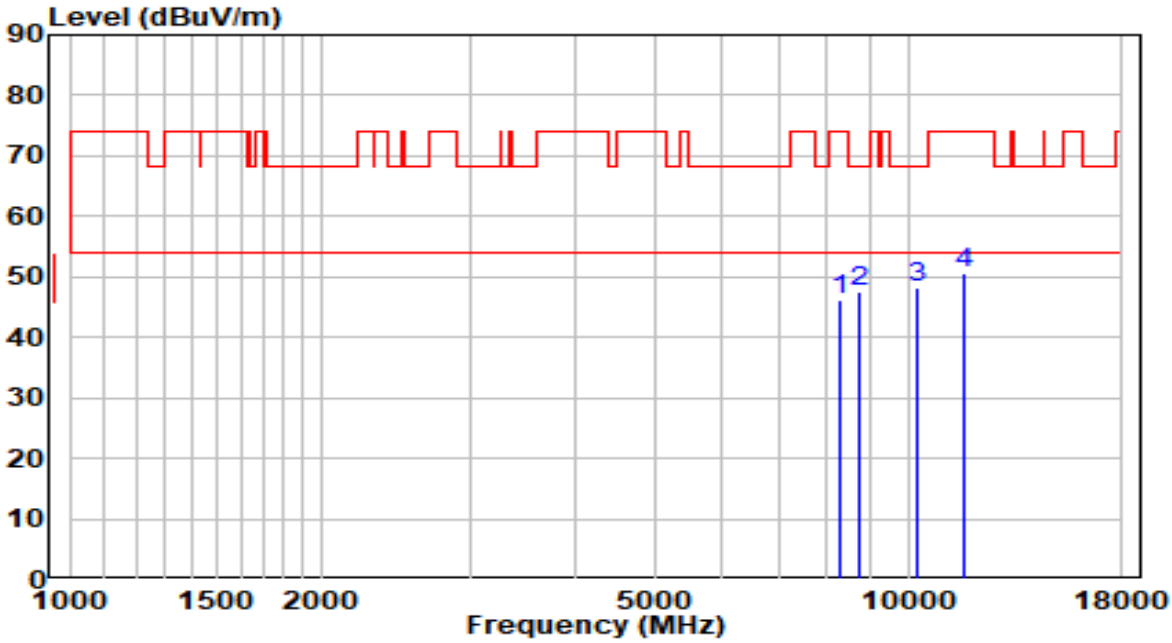


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7553.500	34.46	11.80	46.26	-27.74	74.00	Peak
2		8021.000	35.55	12.53	48.07	-20.13	68.20	Peak
3	*	9925.000	33.11	15.22	48.33	-19.87	68.20	Peak
4		11242.500	31.79	18.10	49.90	-24.10	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5550MHz	Test Voltage	120V/60Hz

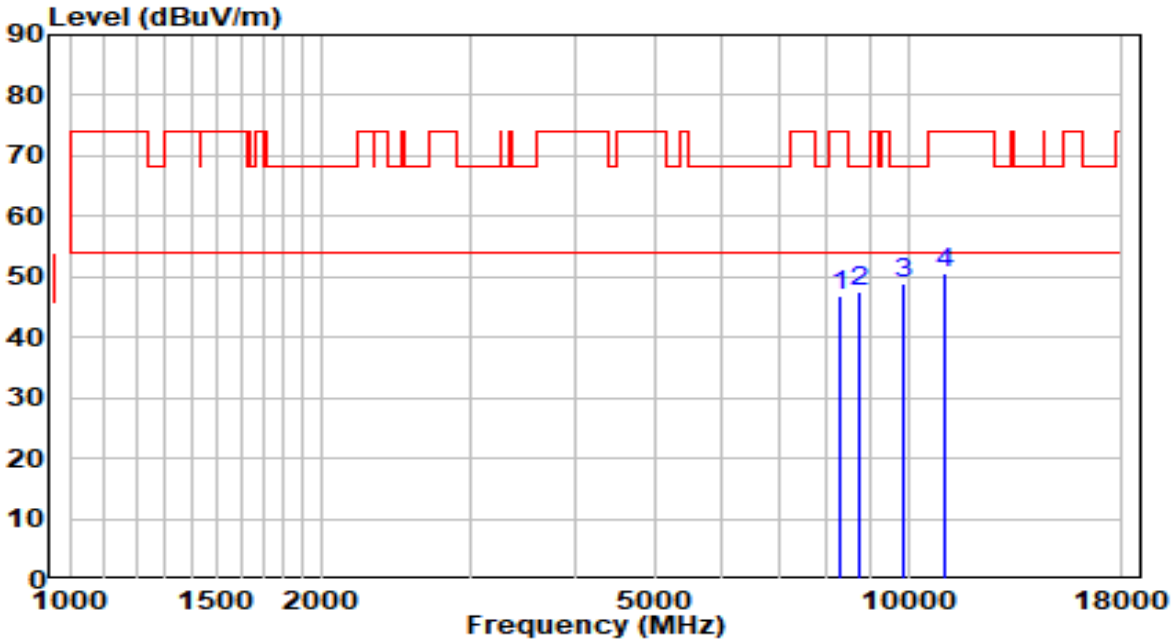


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8293.000	33.60	12.49	46.09	-27.91	74.00	Peak
2		8752.000	34.57	13.07	47.65	-20.55	68.20	Peak
3	*	10222.500	32.02	16.12	48.14	-20.06	68.20	Peak
4		11693.000	32.24	18.21	50.44	-23.56	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	120V/60Hz

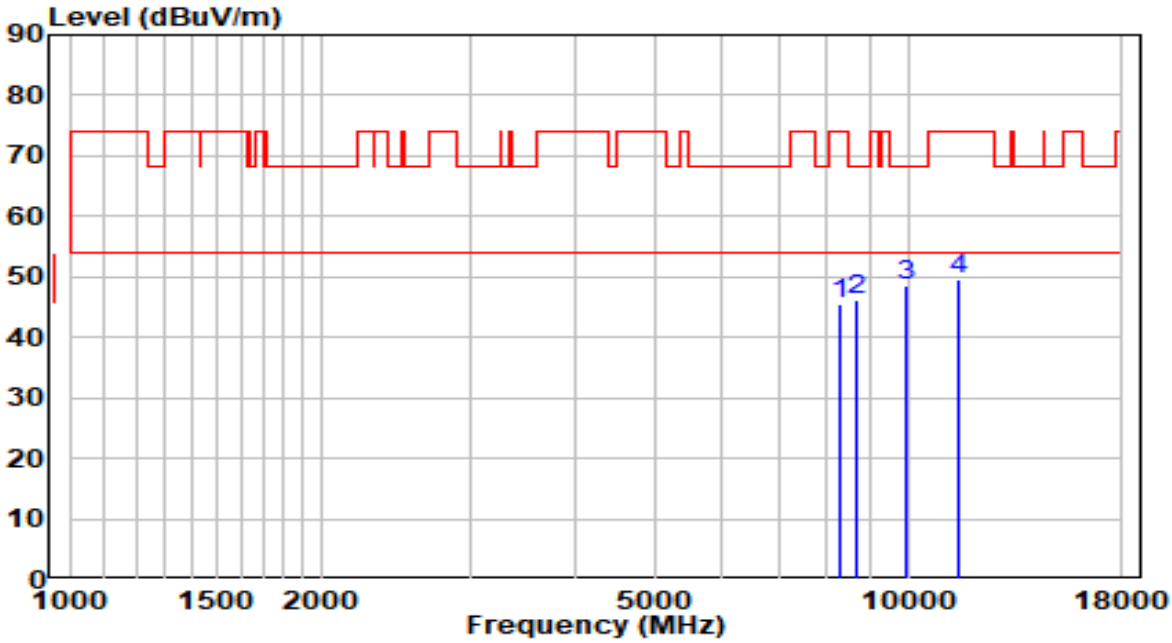


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8276.000	34.54	12.49	47.02	-26.98	74.00	Peak
2		8760.500	34.37	13.09	47.46	-20.74	68.20	Peak
3	*	9848.500	33.75	15.08	48.83	-19.37	68.20	Peak
4		11064.000	32.71	17.87	50.58	-23.42	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	120V/60Hz

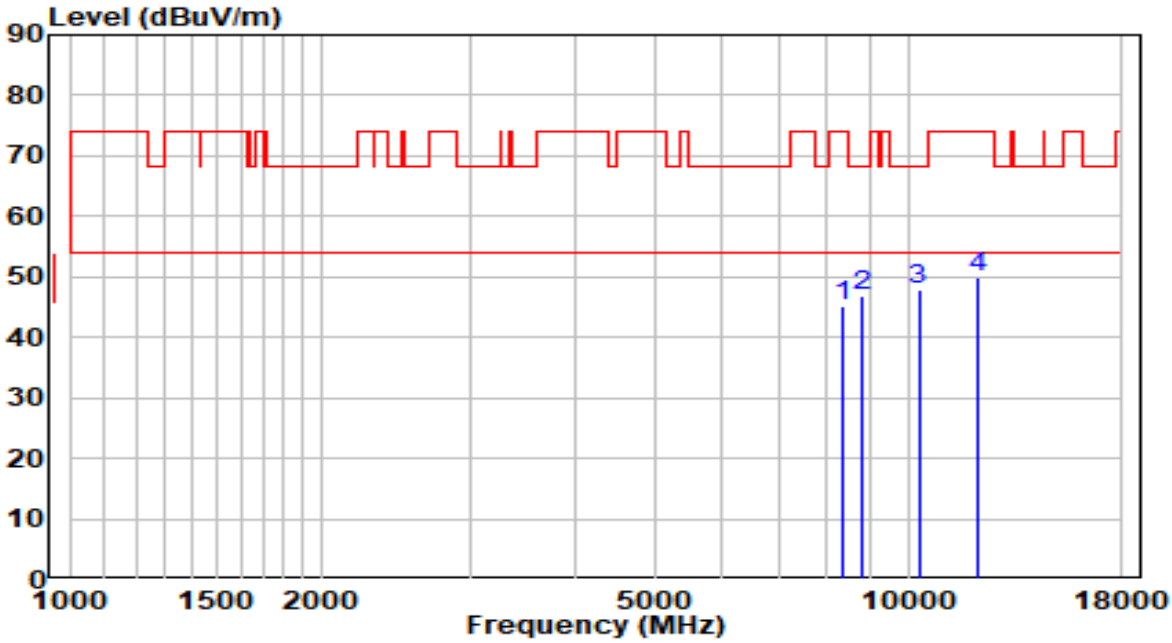


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8318.500	33.01	12.48	45.49	-28.51	74.00	Peak
2		8701.000	33.16	12.95	46.11	-22.09	68.20	Peak
3	*	9967.500	33.20	15.30	48.50	-19.70	68.20	Peak
4		11446.500	31.13	18.38	49.51	-24.49	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5710MHz	Test Voltage	120V/60Hz

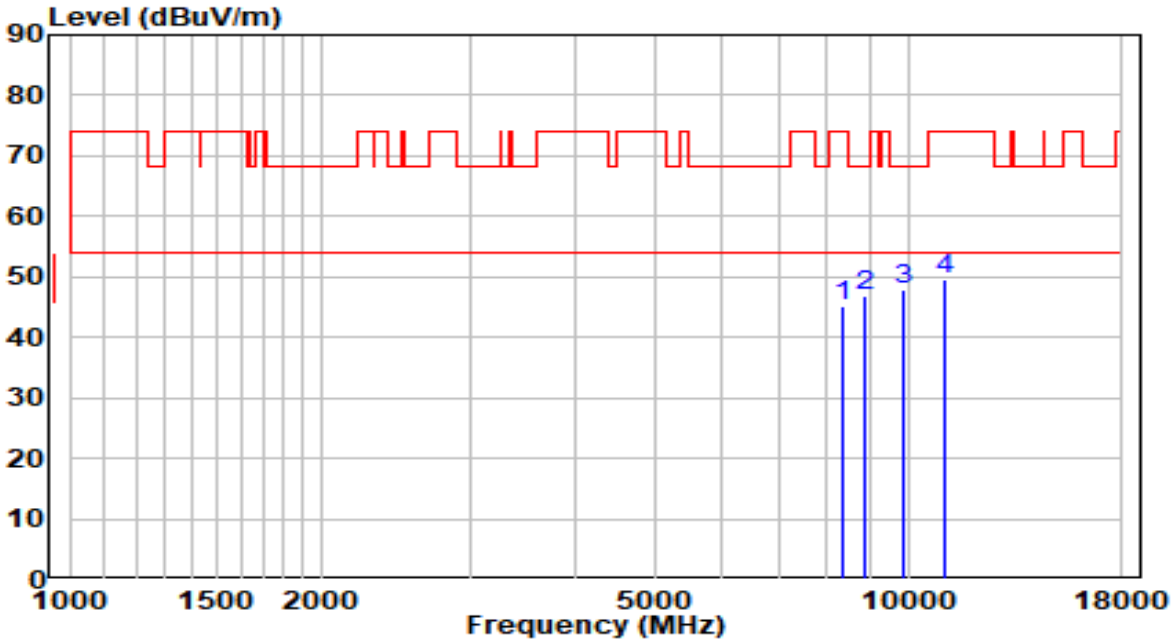


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8335.500	32.68	12.48	45.16	-28.84	74.00	Peak
2		8837.000	33.61	13.28	46.89	-21.31	68.20	Peak
3	*	10290.500	31.60	16.35	47.95	-20.25	68.20	Peak
4		12084.000	31.96	17.83	49.79	-24.21	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5710MHz	Test Voltage	120V/60Hz

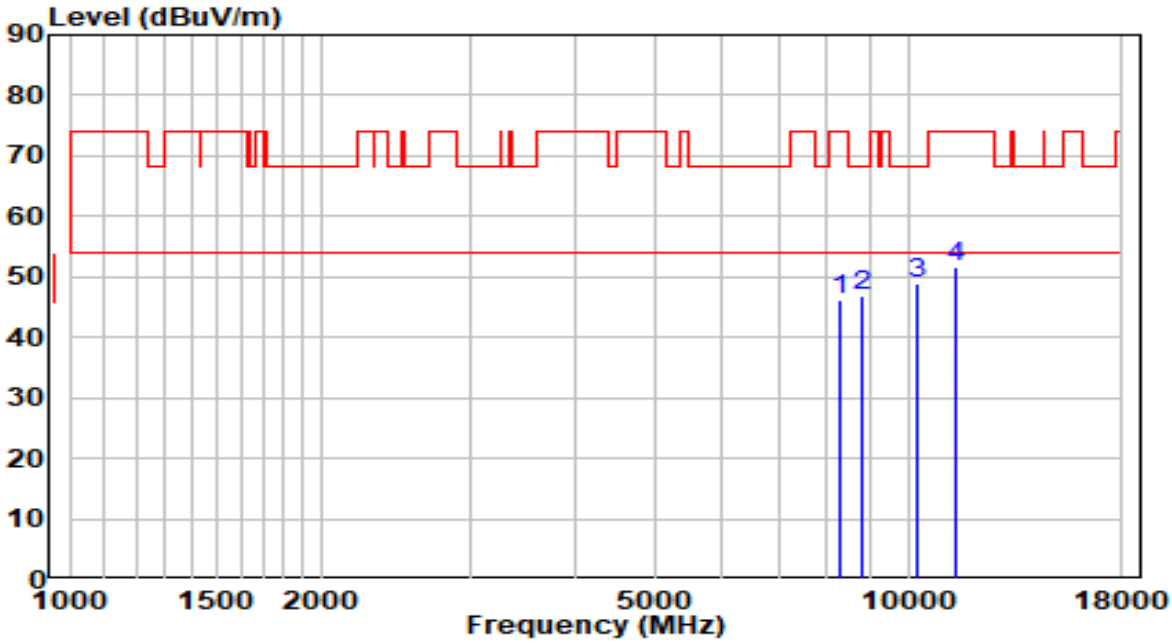


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8361.000	32.82	12.48	45.30	-28.70	74.00	Peak
2		8862.500	33.46	13.34	46.81	-21.39	68.20	Peak
3	*	9840.000	32.94	15.06	48.00	-20.20	68.20	Peak
4		11081.000	31.75	17.89	49.64	-24.36	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	120V/60Hz

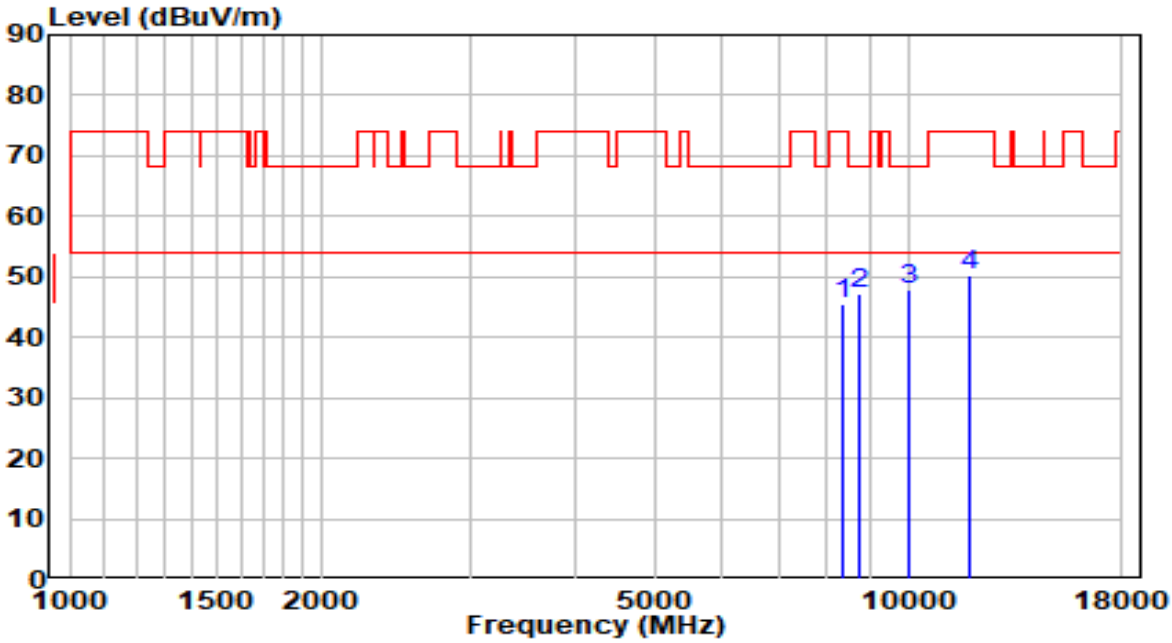


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8318.500	33.63	12.48	46.11	-27.89	74.00	Peak
2		8811.500	33.55	13.22	46.77	-21.43	68.20	Peak
3	*	10273.500	32.71	16.30	49.01	-19.19	68.20	Peak
4		11387.000	33.20	18.30	51.50	-22.50	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	120V/60Hz

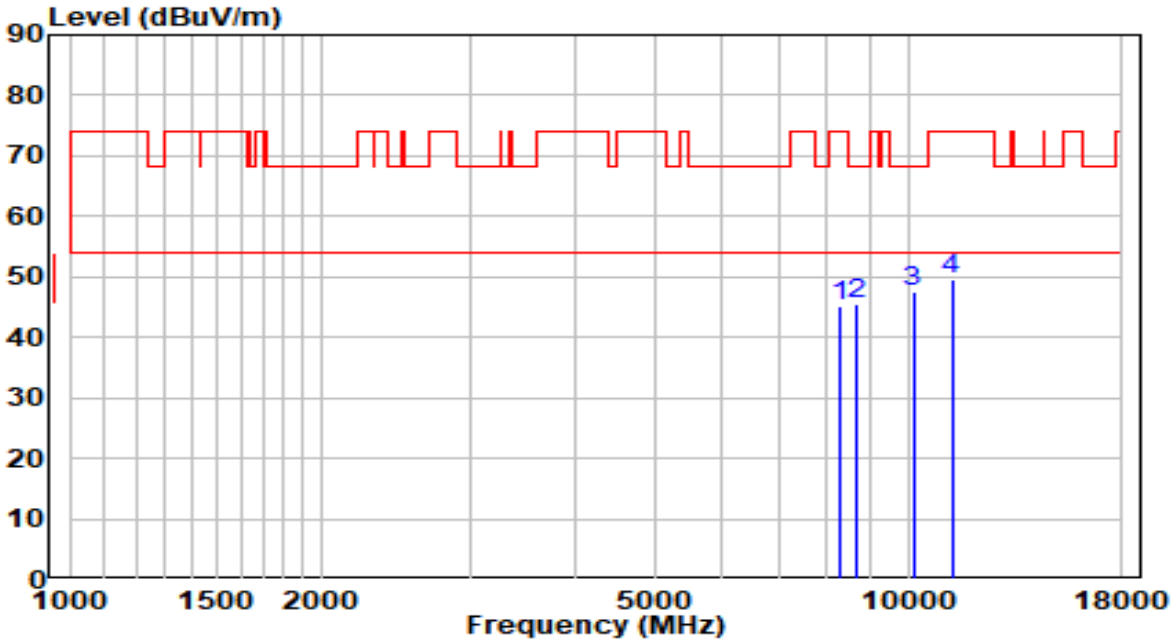


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8327.000	32.92	12.48	45.40	-28.60	74.00	Peak
2		8769.000	33.97	13.11	47.09	-21.11	68.20	Peak
3	*	10052.500	32.34	15.54	47.88	-20.32	68.20	Peak
4		11846.000	32.39	18.01	50.40	-23.60	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	120V/60Hz

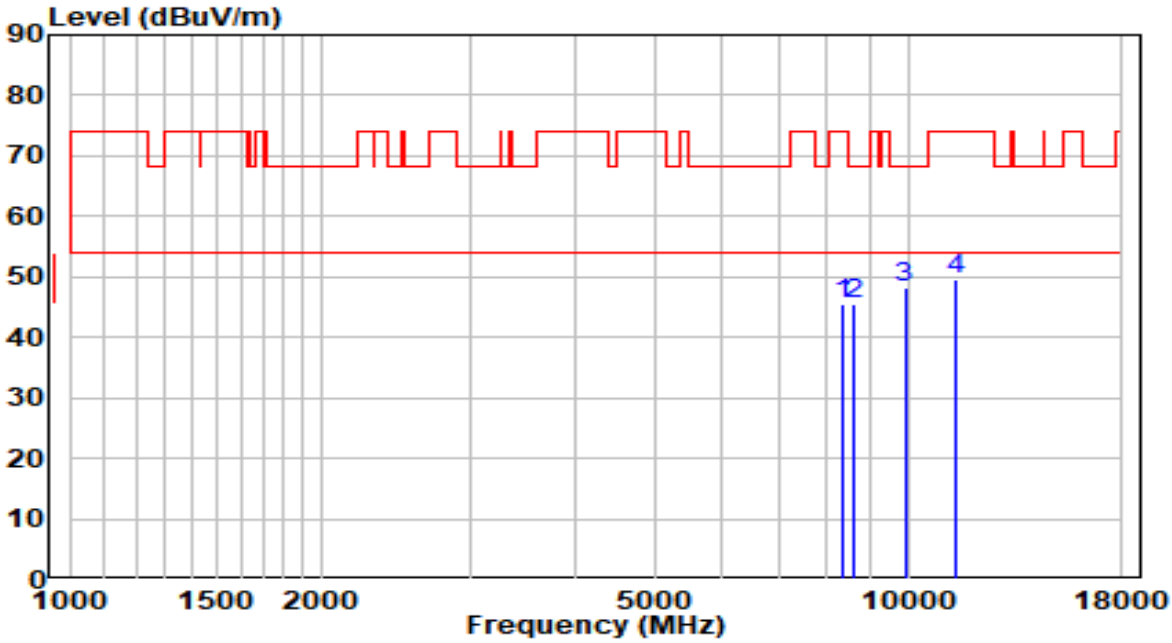


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8293.000	32.53	12.49	45.01	-28.99	74.00	Peak
2		8658.500	32.77	12.84	45.62	-22.58	68.20	Peak
3	*	10137.500	31.76	15.83	47.59	-20.61	68.20	Peak
4		11268.000	31.45	18.14	49.59	-24.41	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	120V/60Hz

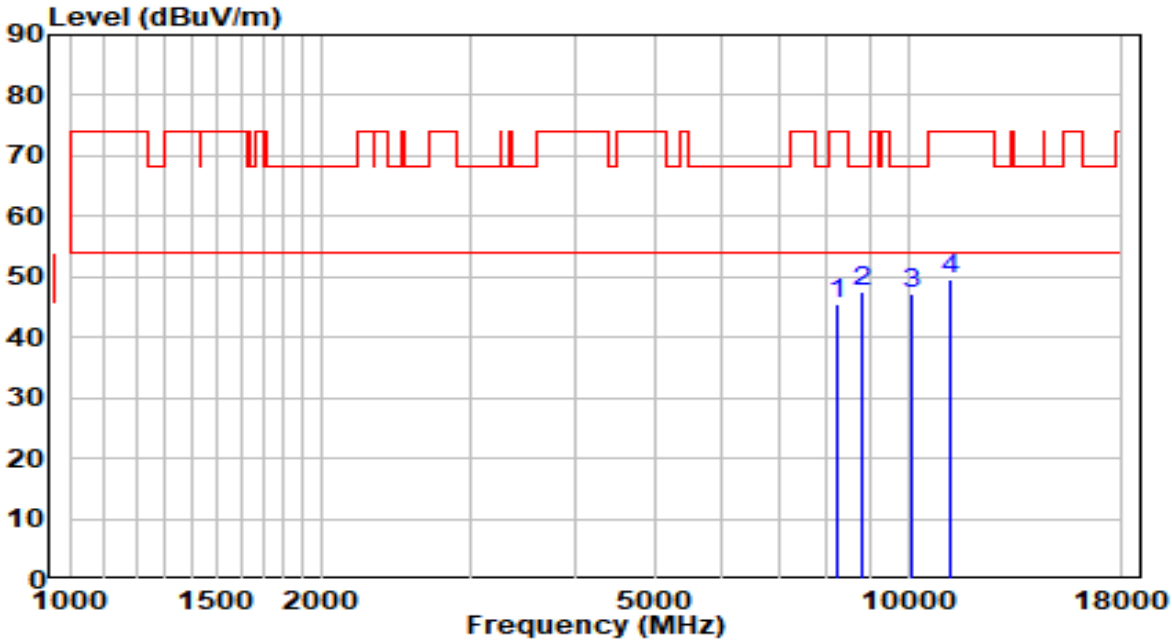


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8335.500	33.15	12.48	45.63	-28.37	74.00	Peak
2		8607.500	32.83	12.72	45.55	-22.65	68.20	Peak
3	*	9908.000	33.12	15.19	48.31	-19.89	68.20	Peak
4		11387.000	31.35	18.30	49.65	-24.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	120V/60Hz

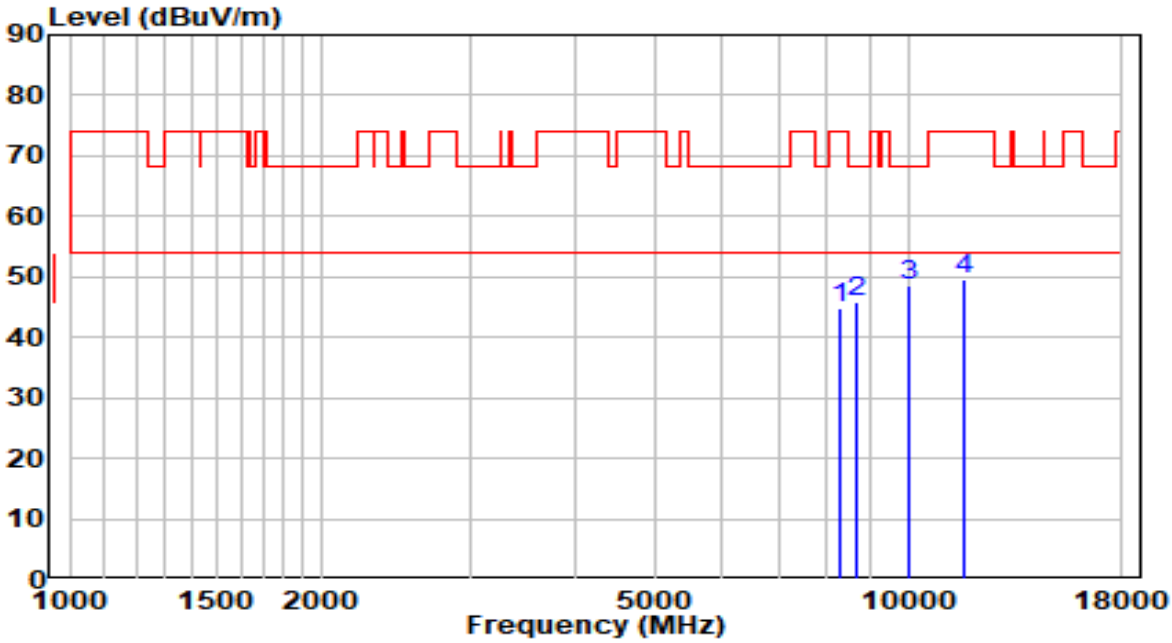


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8242.000	32.99	12.49	45.49	-28.51	74.00	Peak
2	*	8828.500	34.21	13.26	47.47	-20.73	68.20	Peak
3		10086.500	31.70	15.66	47.36	-20.84	68.20	Peak
4		11242.500	31.47	18.10	49.58	-24.42	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5210MHz	Test Voltage	120V/60Hz

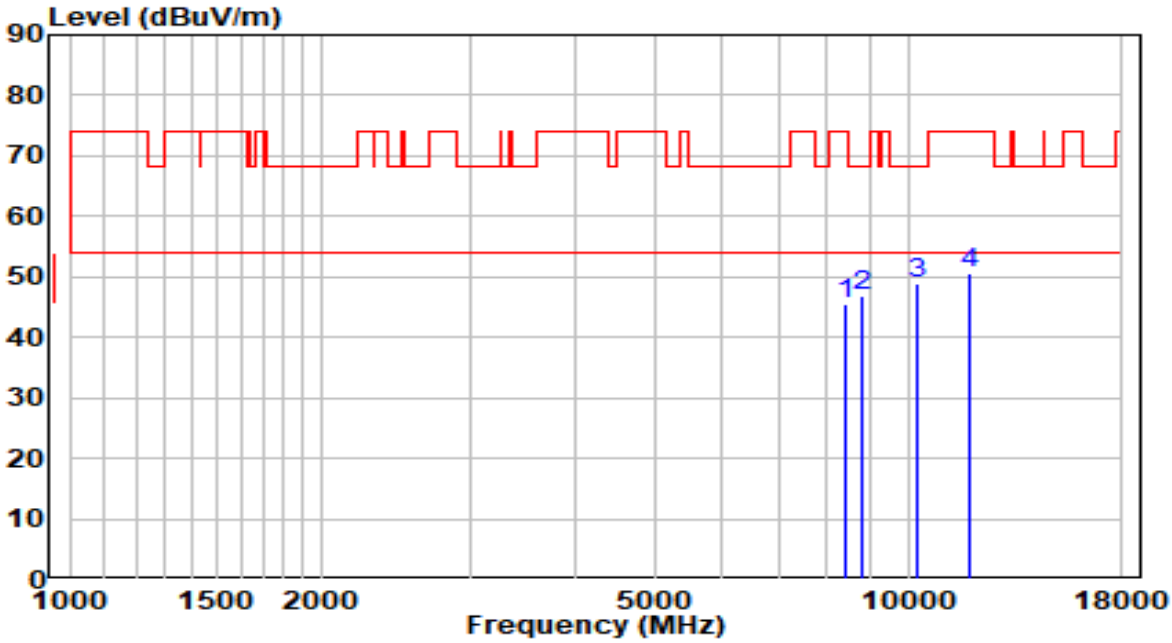


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8301.500	32.50	12.48	44.98	-29.02	74.00	Peak
2		8684.000	32.99	12.91	45.89	-22.31	68.20	Peak
3	*	10010.000	33.09	15.39	48.48	-19.72	68.20	Peak
4		11633.500	31.45	18.28	49.74	-24.26	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

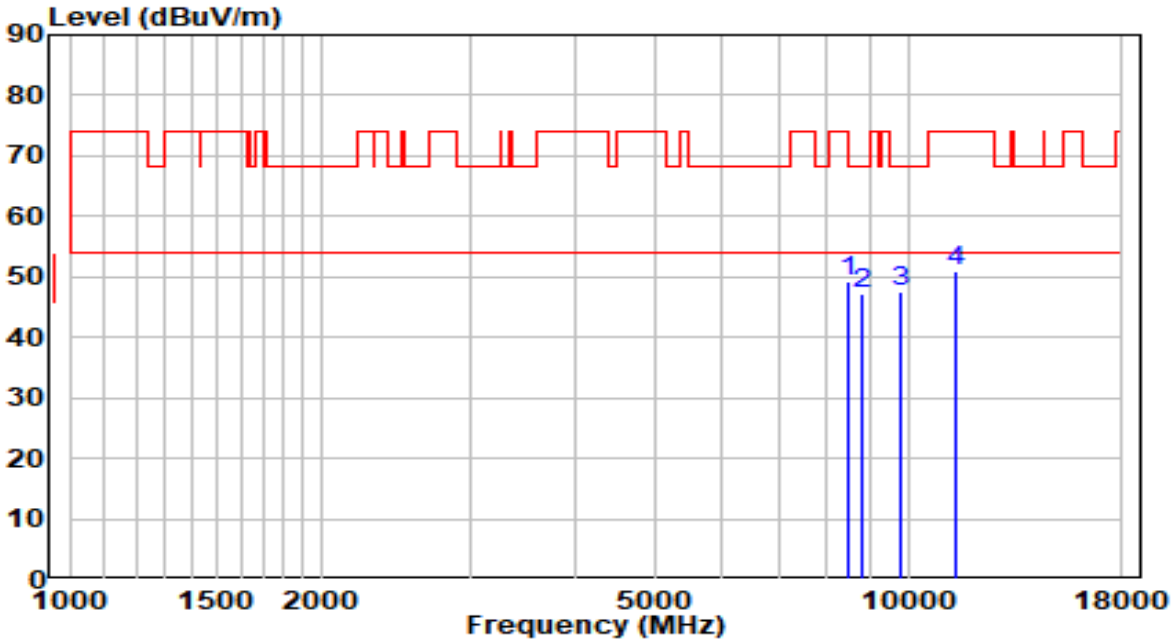


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8403.500	33.21	12.47	45.68	-28.32	74.00	Peak
2		8837.000	33.75	13.28	47.03	-21.17	68.20	Peak
3	*	10282.000	32.44	16.32	48.76	-19.44	68.20	Peak
4		11803.500	32.63	18.07	50.70	-23.30	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

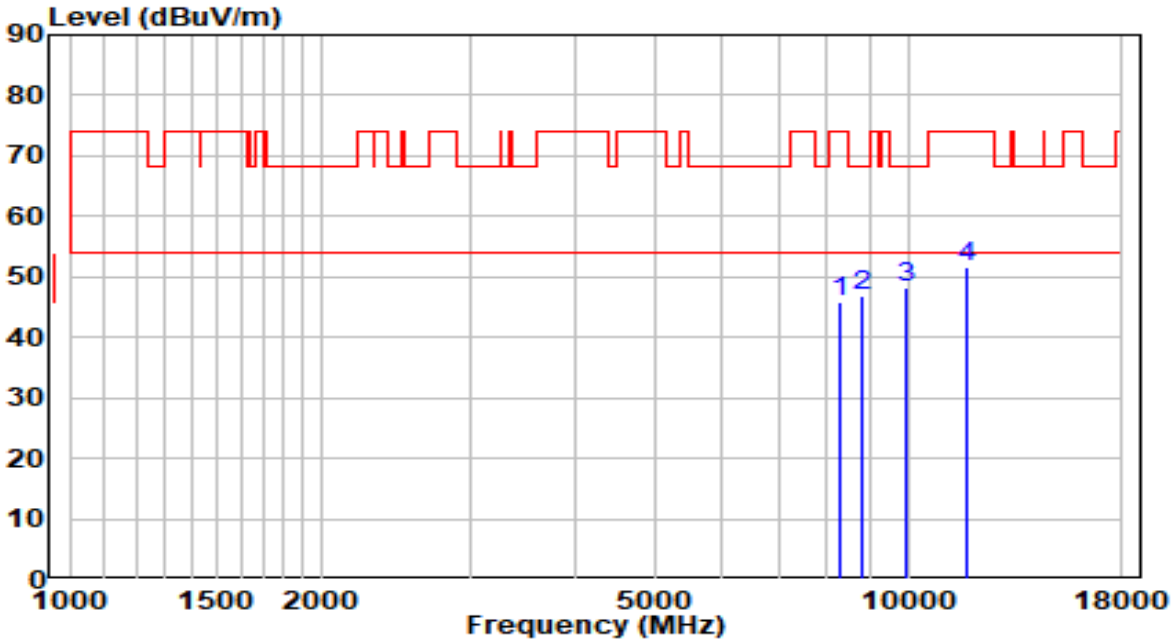


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8463.000	36.74	12.46	49.20	-24.80	74.00	Peak
2		8803.000	33.98	13.20	47.18	-21.02	68.20	Peak
3	*	9823.000	32.43	15.03	47.46	-20.74	68.20	Peak
4		11429.500	32.55	18.36	50.90	-23.10	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

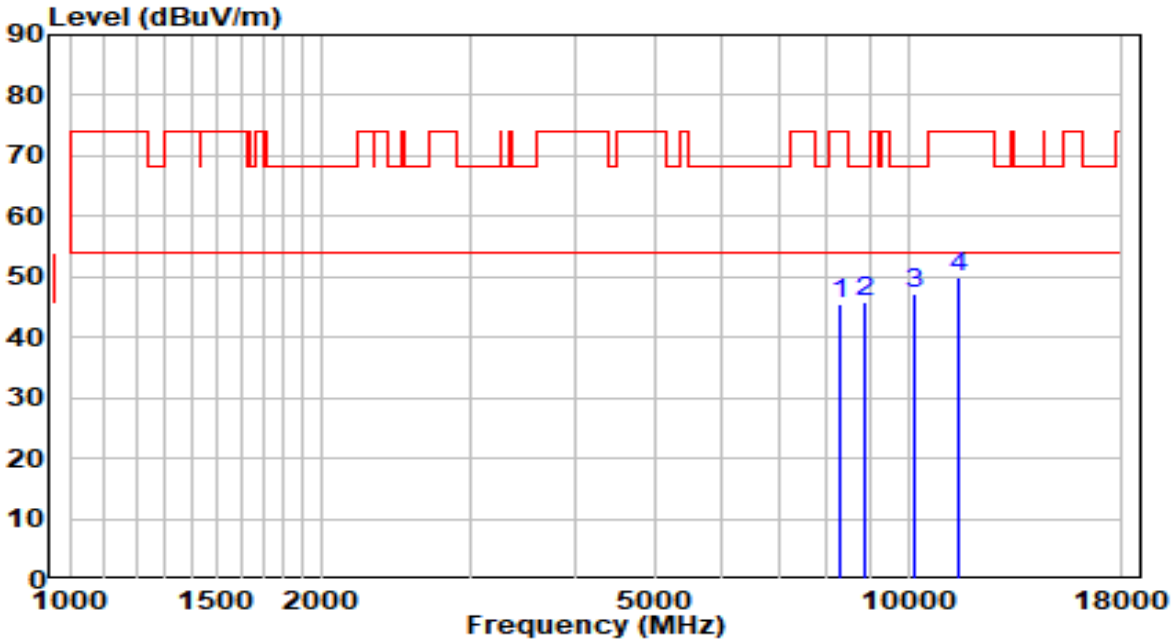


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8301.500	33.28	12.48	45.77	-28.23	74.00	Peak
2		8811.500	33.73	13.22	46.95	-21.25	68.20	Peak
3	*	9967.500	32.78	15.30	48.08	-20.12	68.20	Peak
4		11778.000	33.68	18.10	51.78	-22.22	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

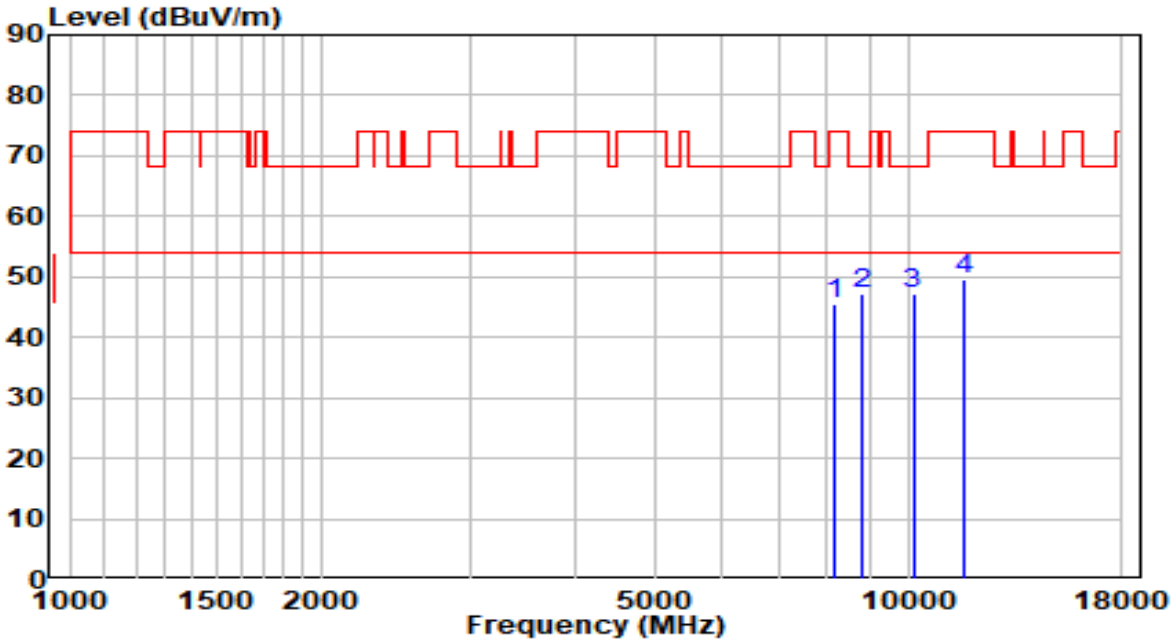


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8310.000	32.96	12.48	45.44	-28.56	74.00	Peak
2		8879.500	32.56	13.38	45.95	-22.25	68.20	Peak
3	*	10188.500	31.24	16.00	47.25	-20.95	68.20	Peak
4		11497.500	31.38	18.45	49.83	-24.17	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	120V/60Hz

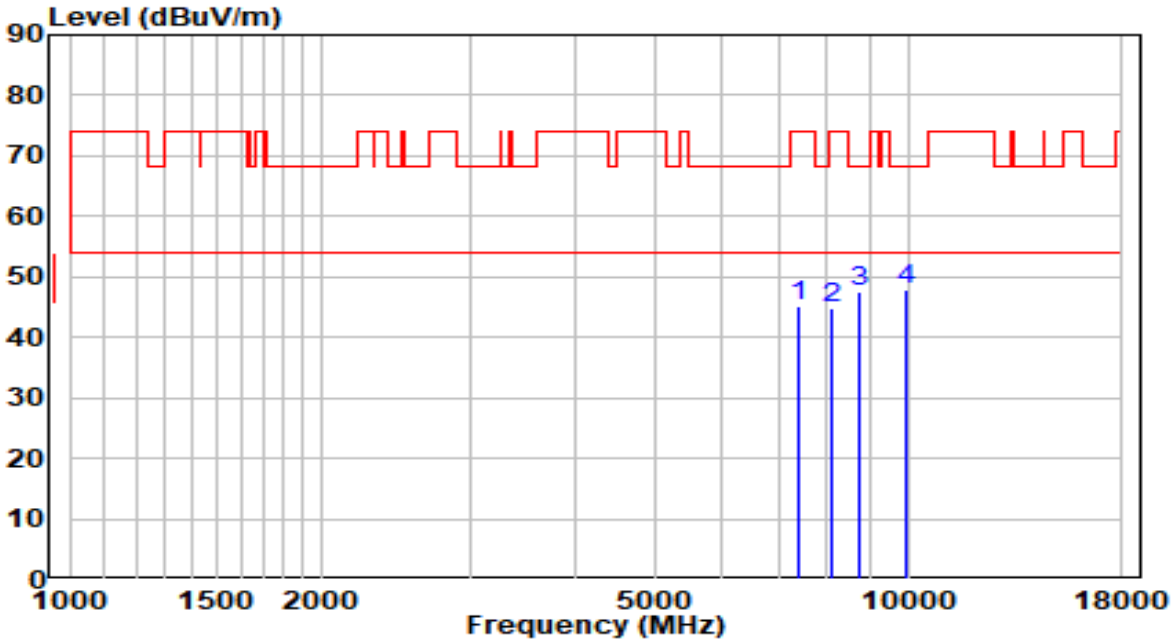


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8191.000	33.10	12.50	45.60	-28.40	74.00	Peak
2		8837.000	33.80	13.28	47.08	-21.12	68.20	Peak
3	*	10137.500	31.49	15.83	47.32	-20.88	68.20	Peak
4		11701.500	31.51	18.20	49.70	-24.30	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5610MHz	Test Voltage	120V/60Hz

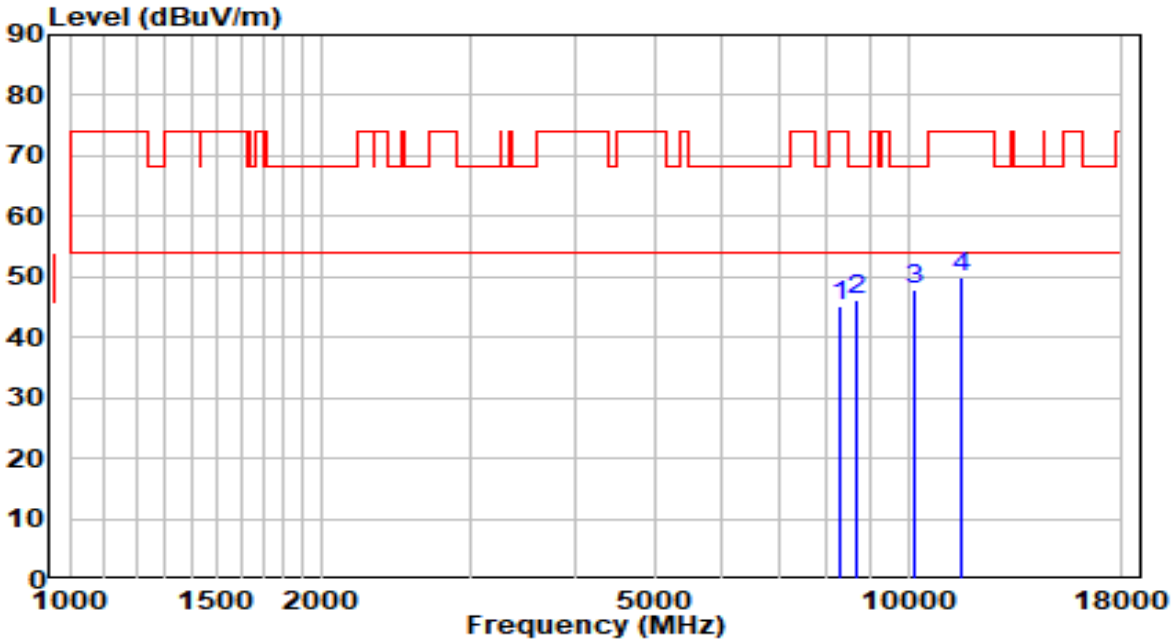


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7400.500	33.57	11.43	45.00	-29.00	74.00	Peak
2		8123.000	32.17	12.51	44.69	-29.31	74.00	Peak
3		8760.500	34.53	13.09	47.62	-20.58	68.20	Peak
4	*	9916.500	32.66	15.20	47.86	-20.34	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5690MHz	Test Voltage	120V/60Hz

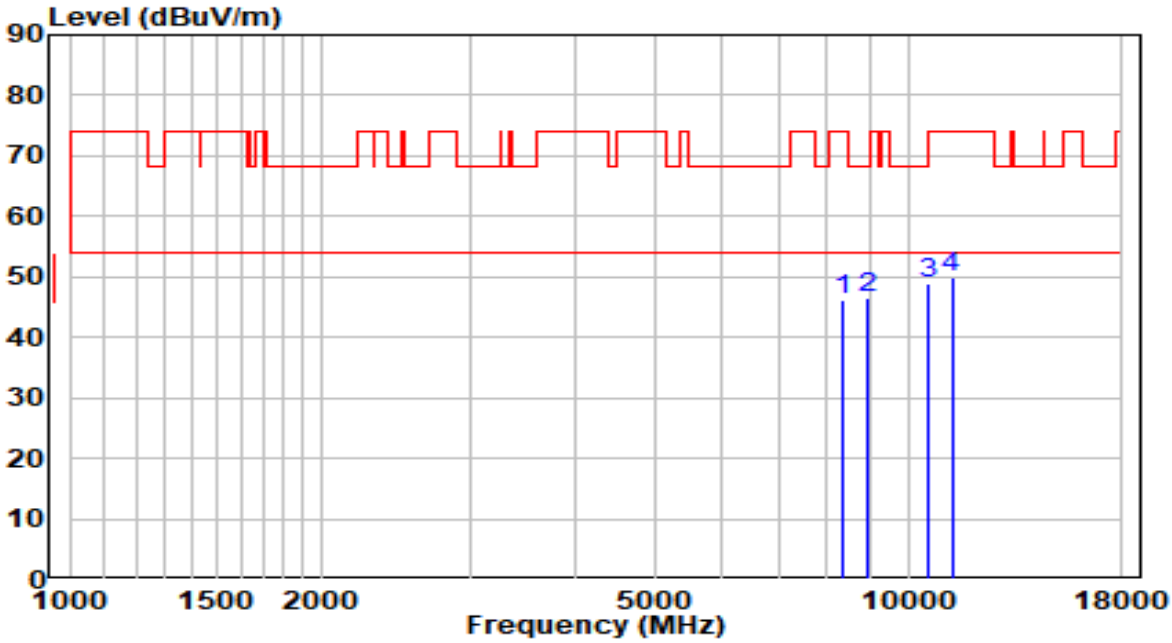


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8293.000	32.80	12.49	45.29	-28.71	74.00	Peak
2		8675.500	33.25	12.88	46.14	-22.06	68.20	Peak
3	*	10163.000	31.93	15.92	47.85	-20.35	68.20	Peak
4		11540.000	31.68	18.40	50.08	-23.92	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5690MHz	Test Voltage	120V/60Hz

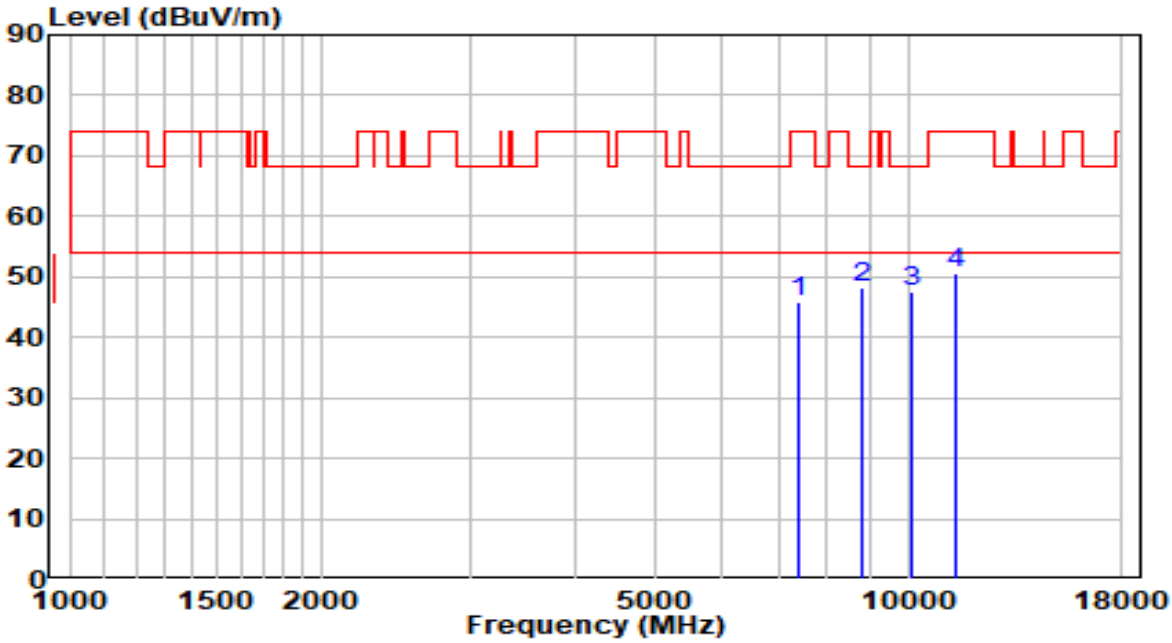


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8344.000	33.87	12.48	46.34	-27.66	74.00	Peak
2		8913.500	33.09	13.47	46.56	-21.64	68.20	Peak
3	*	10562.500	31.61	17.16	48.77	-19.43	68.20	Peak
4		11268.000	31.95	18.14	50.09	-23.91	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	120V/60Hz

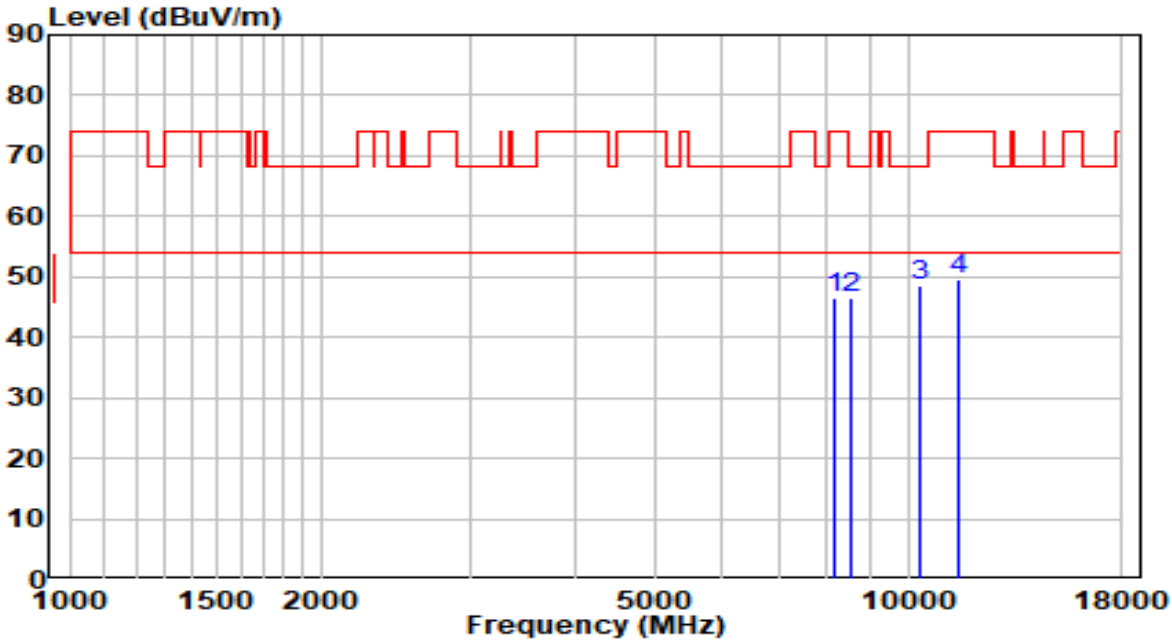


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		7400.500	34.46	11.43	45.89	-28.11	74.00	Peak
2	*	8811.500	35.15	13.22	48.36	-19.84	68.20	Peak
3		10078.000	32.05	15.63	47.68	-20.52	68.20	Peak
4		11395.500	32.17	18.31	50.48	-23.52	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	18.9°C/29%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT80 at Channel 5775MHz	Test Voltage	120V/60Hz



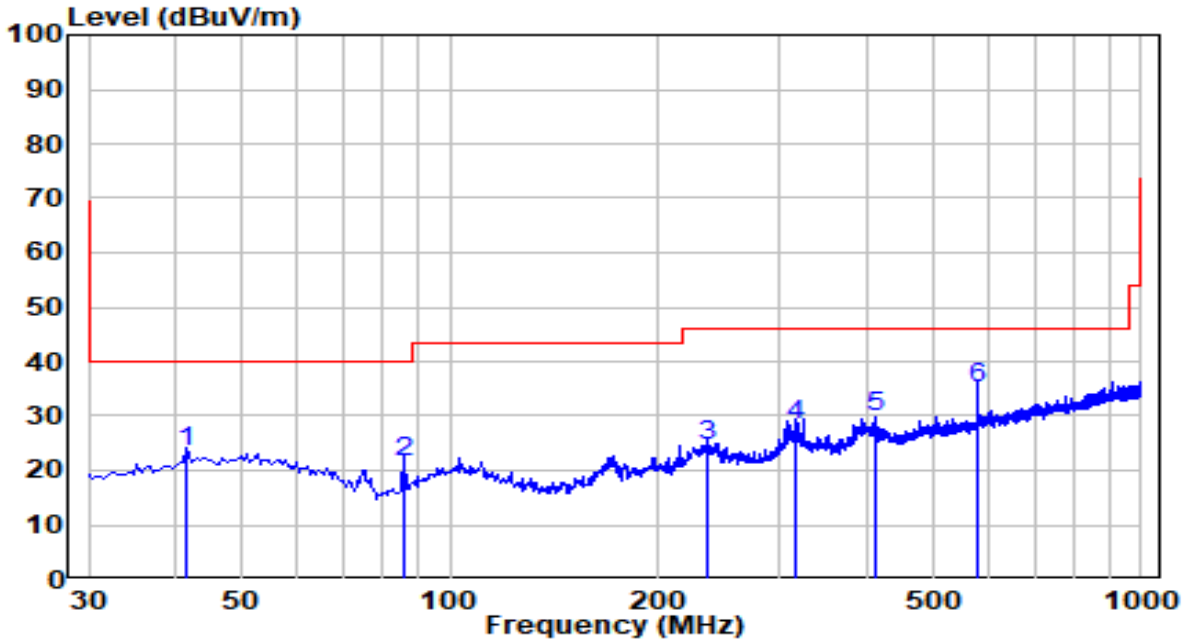
No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		8174.000	34.14	12.50	46.65	-27.35	74.00	Peak
2		8539.500	33.97	12.55	46.52	-21.68	68.20	Peak
3	*	10307.500	32.05	16.41	48.47	-19.73	68.20	Peak
4		11472.000	31.01	18.41	49.43	-24.57	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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.

The worst case of Radiated Emission below 1GHz:

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-04-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/54%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	120V/60Hz

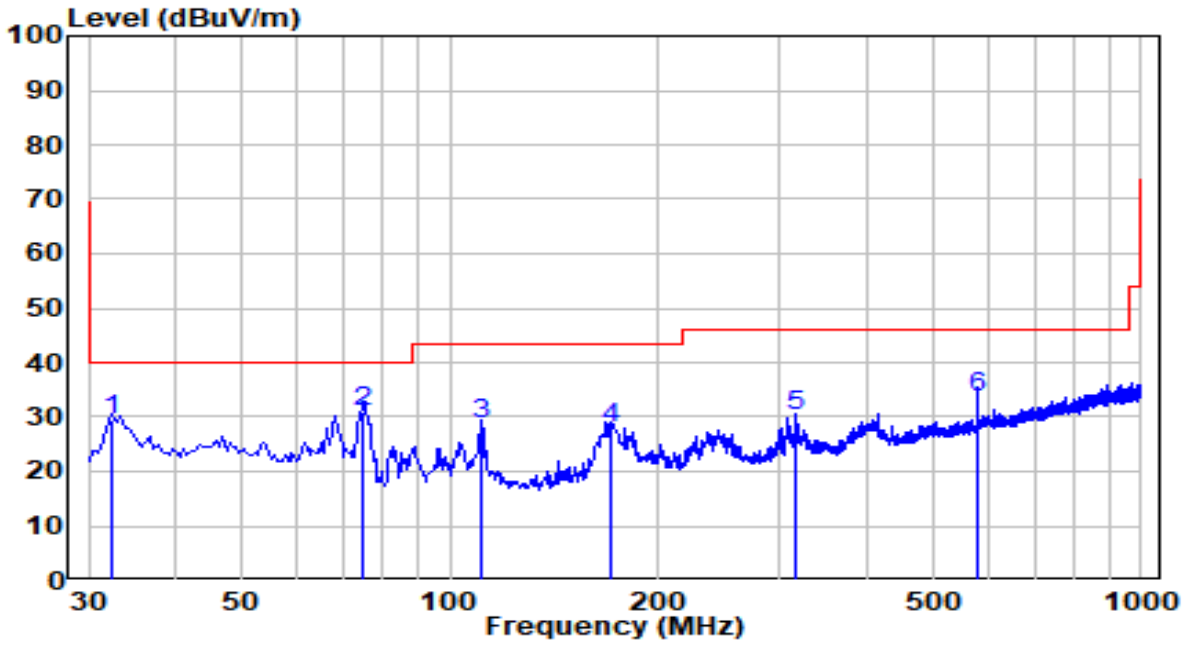


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		41.640	2.16	21.30	23.46	-16.54	40.00	QP
2		85.775	5.73	15.82	21.55	-18.45	40.00	QP
3		236.610	4.48	20.02	24.50	-21.50	46.00	QP
4		316.150	6.17	22.06	28.23	-17.77	46.00	QP
5		413.635	5.58	24.29	29.87	-16.13	46.00	QP
6	*	579.990	7.63	27.40	35.03	-10.97	46.00	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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.
5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-04-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.2°C/54%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	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		32.425	10.69	18.85	29.54	-10.46	40.00	QP
2	*	74.620	15.31	15.76	31.07	-8.93	40.00	QP
3		110.995	10.25	18.56	28.81	-14.69	43.50	QP
4		171.620	11.18	16.77	27.95	-15.55	43.50	QP
5		316.635	7.93	22.08	30.01	-15.99	46.00	QP
6		579.990	6.35	27.40	33.75	-12.25	46.00	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)– Preamplifier(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.
5. The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[1] 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310 - 2390	15.35-16.2
8.362-8.366	156.52475-156.525	2483.5 - 2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690 - 2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260 - 3267	23.6-24.0
12.29-12.293	167.72-173.2	3332 - 3339	31.2-31.8
12.51975-12.52025	240 - 285	3345.8 - 3358	36.43-36.5
12.57675-12.57725	322-335.4	3600 - 4400	([2])
13.36-13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceedan e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasinglinearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge

increasinglinearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edgeincreasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

7.9.3.Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

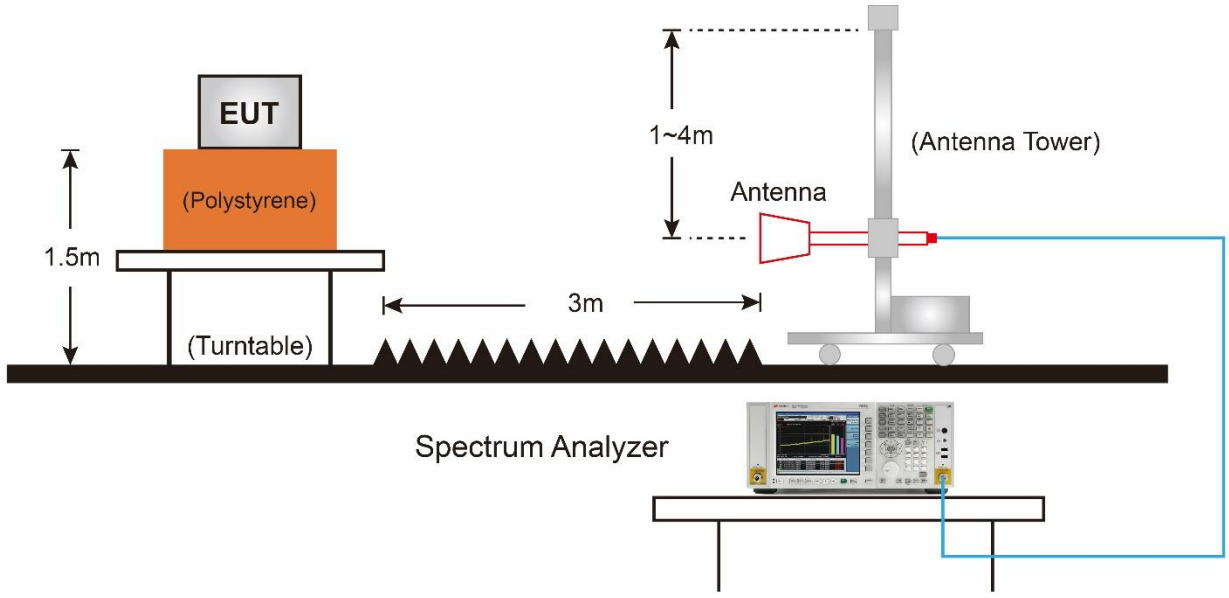
3. VBWIf the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

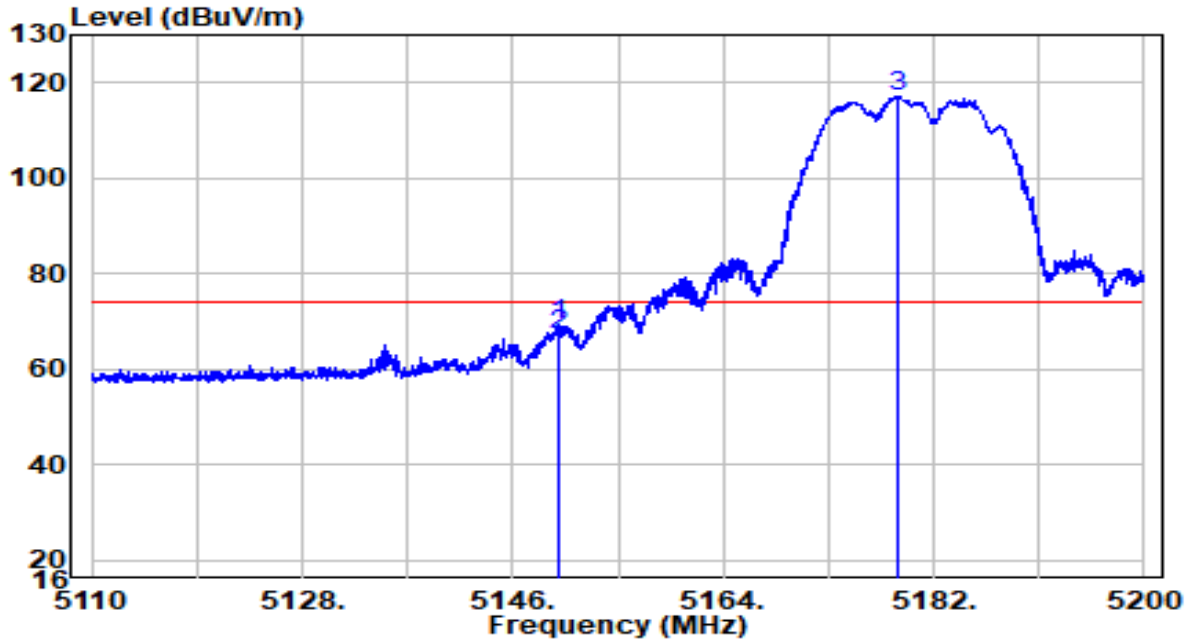
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.9.4.Test Setup



7.9.5.Test Result

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	120V/60Hz

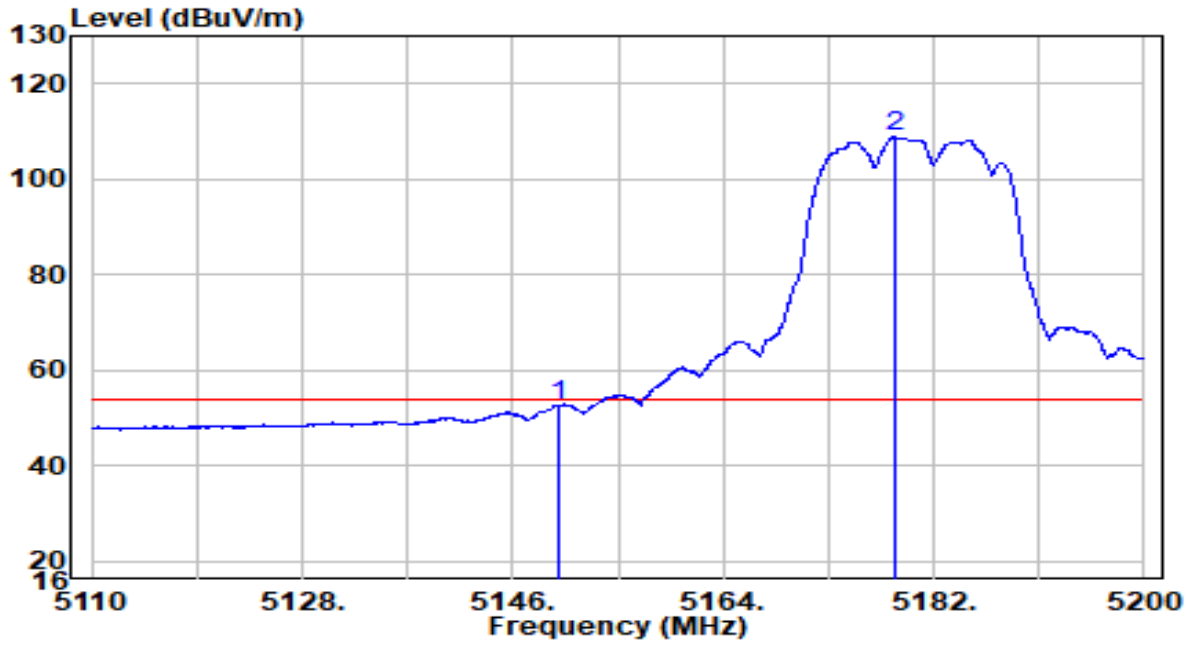


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.915	49.65	19.91	69.55	-4.45	74.00	Peak
2		5150.000	47.11	19.91	67.02	-6.98	74.00	Peak
3	*	5178.850	97.10	19.94	117.04	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	120V/60Hz

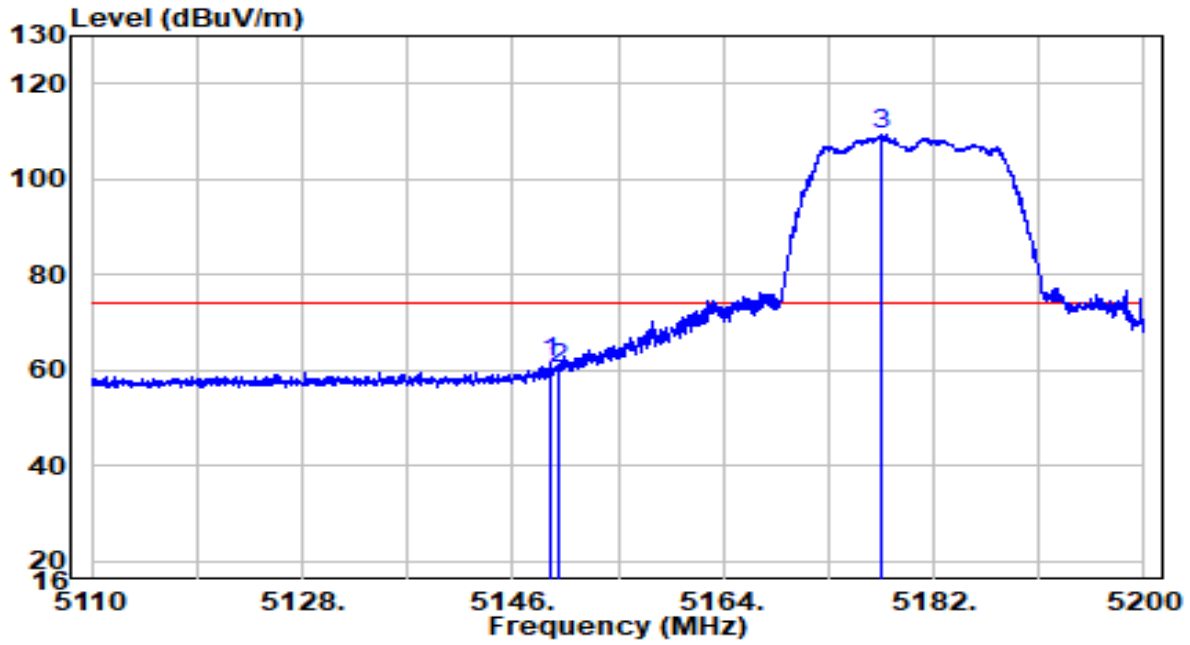


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	32.79	19.91	52.70	-1.30	54.00	Average
2	*	5178.715	89.02	19.94	108.96	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	120V/60Hz

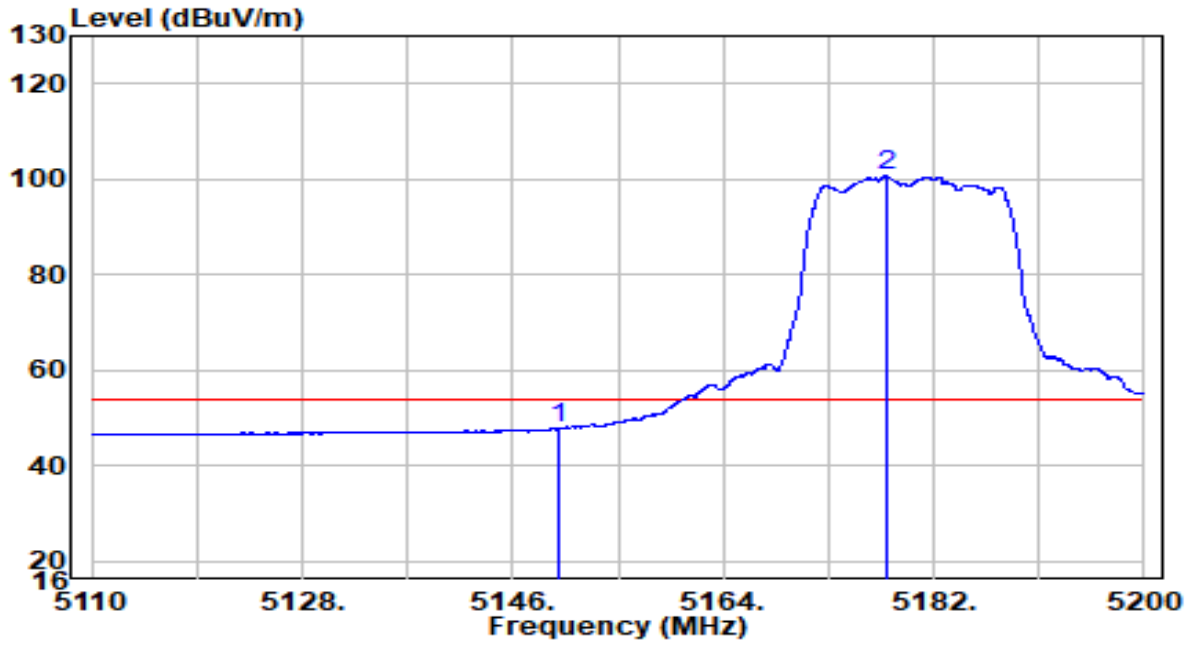


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.150	41.78	19.91	61.68	-12.32	74.00	Peak
2		5150.000	40.28	19.91	60.19	-13.81	74.00	Peak
3	*	5177.545	89.52	19.93	109.45	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5180MHz	Test Voltage	120V/60Hz

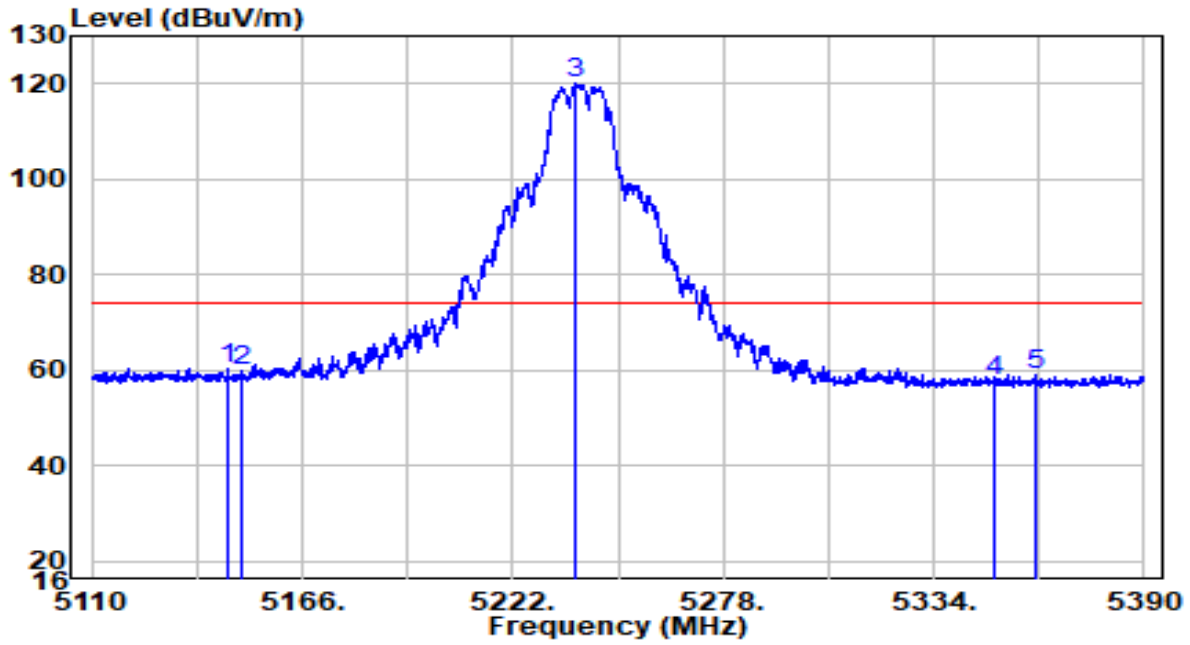


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	27.97	19.91	47.88	-6.12	54.00	Average
2	*	5177.950	80.69	19.94	100.63	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	120V/60Hz

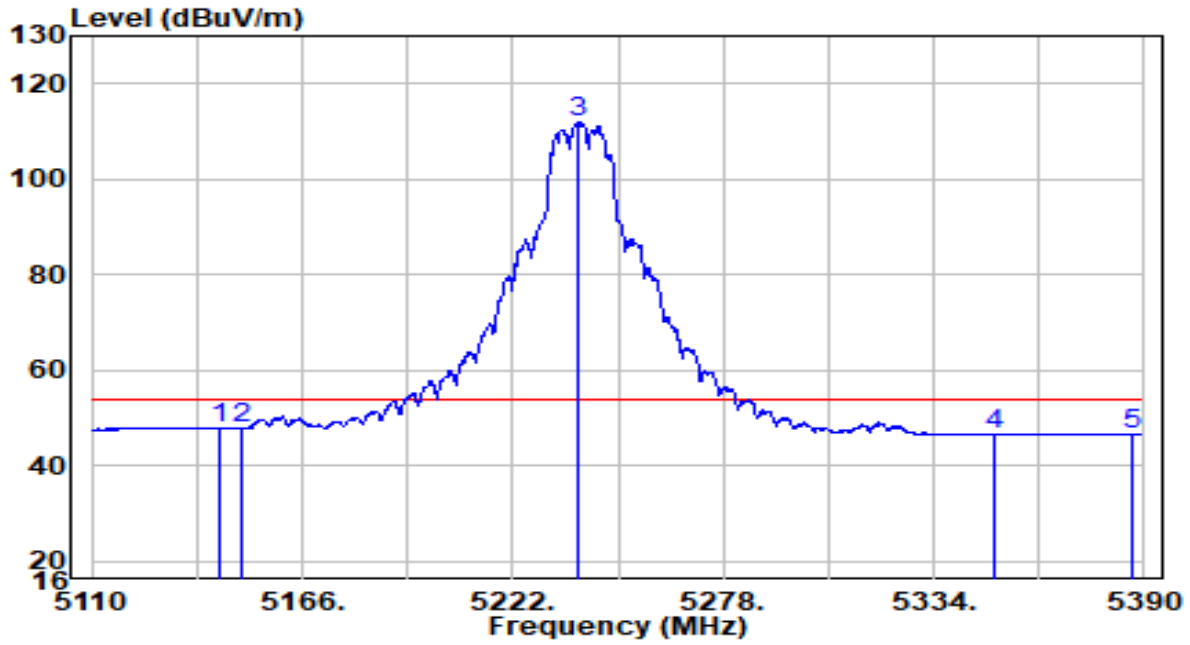


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5146.260	40.35	19.90	60.25	-13.75	74.00	Peak
2		5150.000	39.91	19.91	59.82	-14.18	74.00	Peak
3	*	5238.660	99.95	20.00	119.94	N/A	N/A	Peak
4		5350.000	37.69	20.11	57.80	-16.20	74.00	Peak
5		5360.880	38.76	20.13	58.89	-15.11	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	120V/60Hz

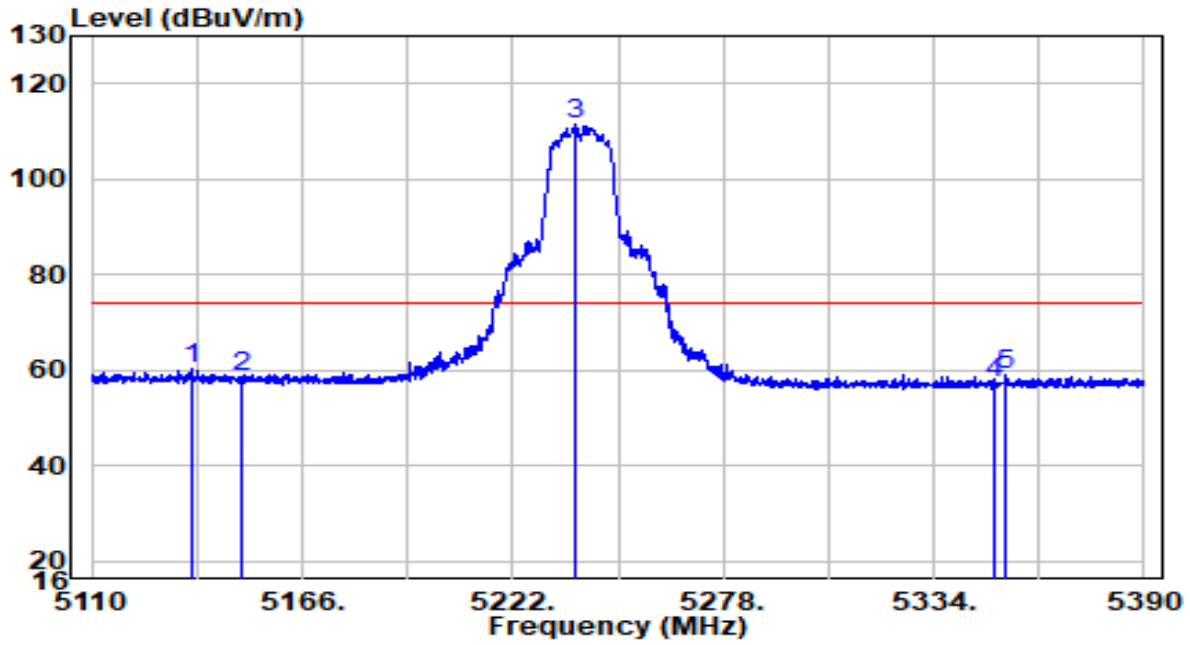


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5143.880	28.14	19.90	48.04	-5.96	54.00	Average
2		5150.000	27.84	19.91	47.74	-6.26	54.00	Average
3	*	5239.500	91.76	20.00	111.76	N/A	N/A	Average
4		5350.000	26.40	20.11	46.51	-7.49	54.00	Average
5		5386.920	26.60	20.15	46.75	-7.25	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	120V/60Hz

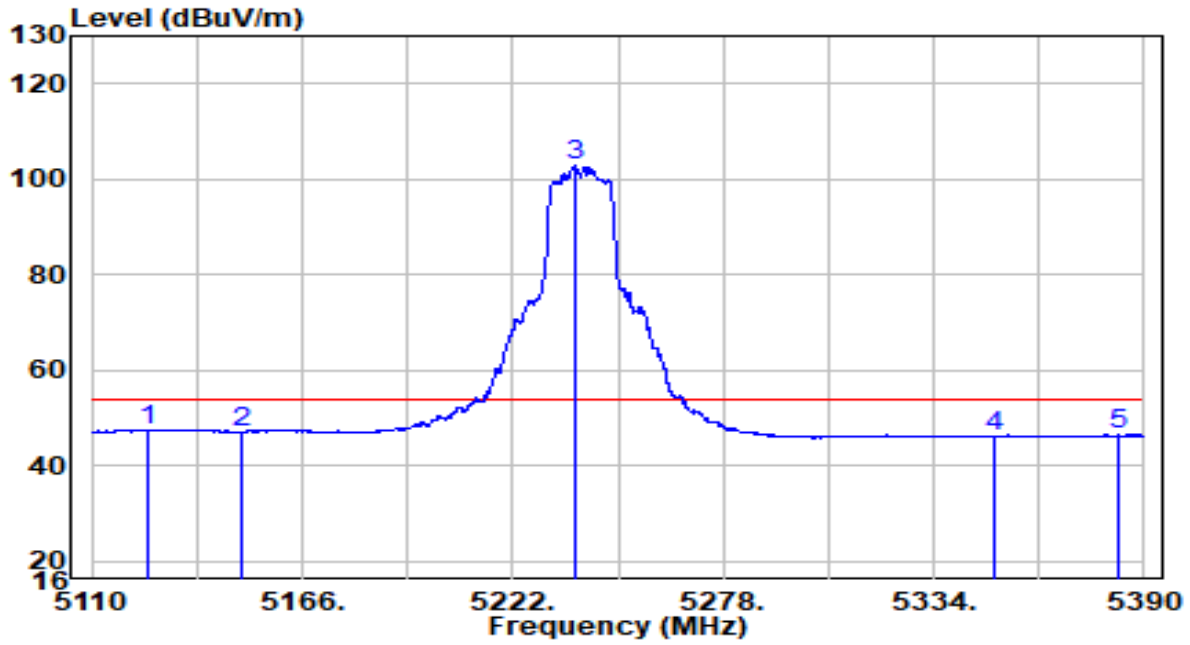


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5136.460	40.28	19.89	60.17	-13.83	74.00	Peak
2		5150.000	38.49	19.91	58.39	-15.61	74.00	Peak
3	*	5238.520	91.29	20.00	111.29	N/A	N/A	Peak
4		5350.000	37.35	20.11	57.46	-16.54	74.00	Peak
5		5353.320	38.82	20.12	58.94	-15.06	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5240MHz	Test Voltage	120V/60Hz

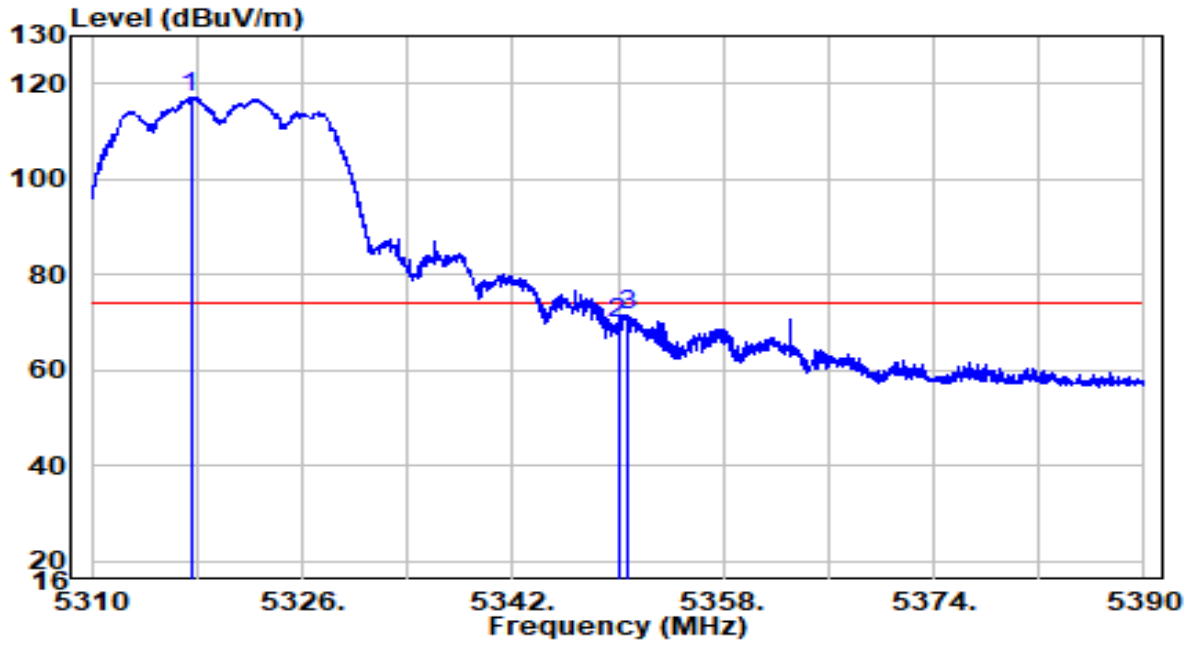


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5125.260	27.65	19.88	47.53	-6.47	54.00	Average
2		5150.000	27.23	19.91	47.13	-6.87	54.00	Average
3	*	5238.660	82.71	20.00	N/A	N/A	54.00	Average
4		5350.000	26.11	20.11	46.22	-7.78	54.00	Average
5		5383.280	26.27	20.15	46.42	-7.58	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	120V/60Hz

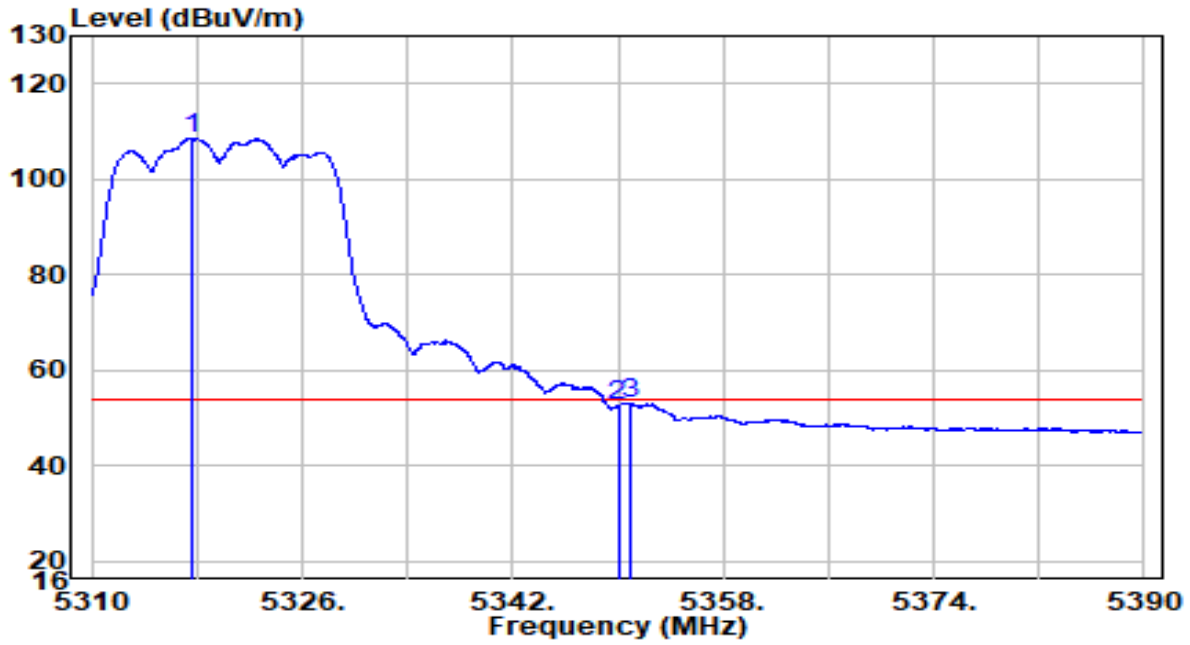


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5317.520	97.19	20.08	117.27	N/A	N/A	Peak
2		5350.000	49.79	20.11	69.90	-4.10	74.00	Peak
3		5350.720	51.53	20.11	71.65	-2.35	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	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	*	5317.600	88.54	20.08	108.62	N/A	N/A	Average
2		5350.000	32.58	20.11	52.69	-1.31	54.00	Average
3		5350.880	33.06	20.11	53.18	-0.82	54.00	Average

Note:

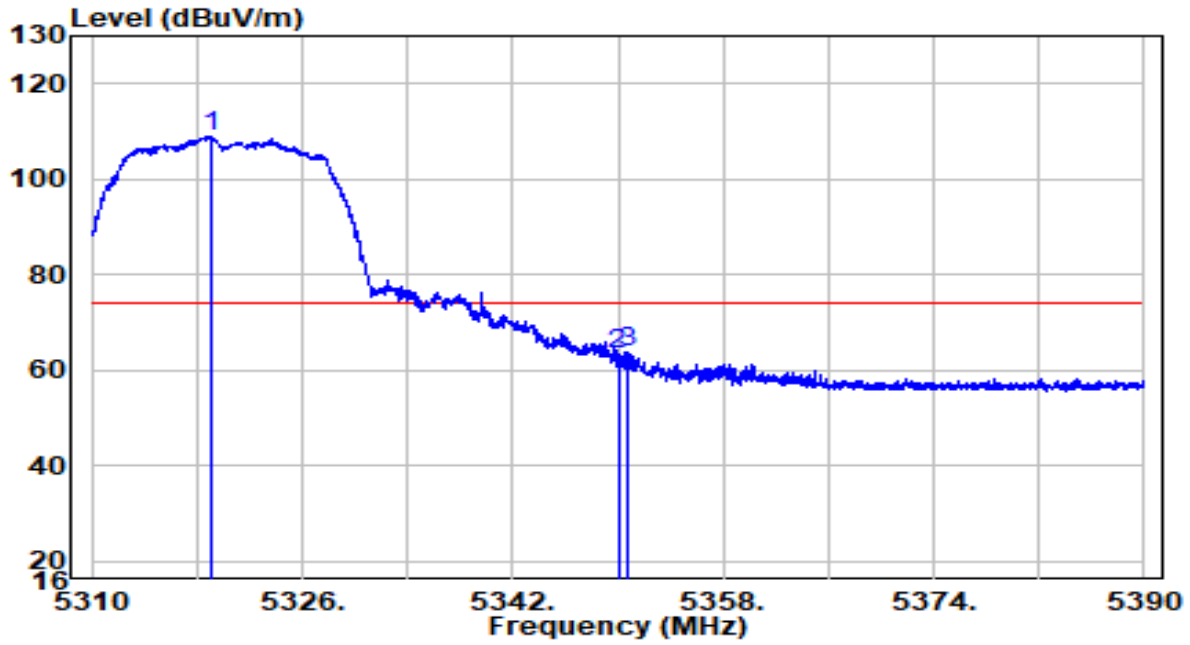
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	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	*	5319.040	88.84	20.08	108.93	N/A	N/A	Peak
2		5350.000	43.25	20.11	63.36	-10.64	74.00	Peak
3		5350.680	43.78	20.11	63.89	-10.11	74.00	Peak

Note:

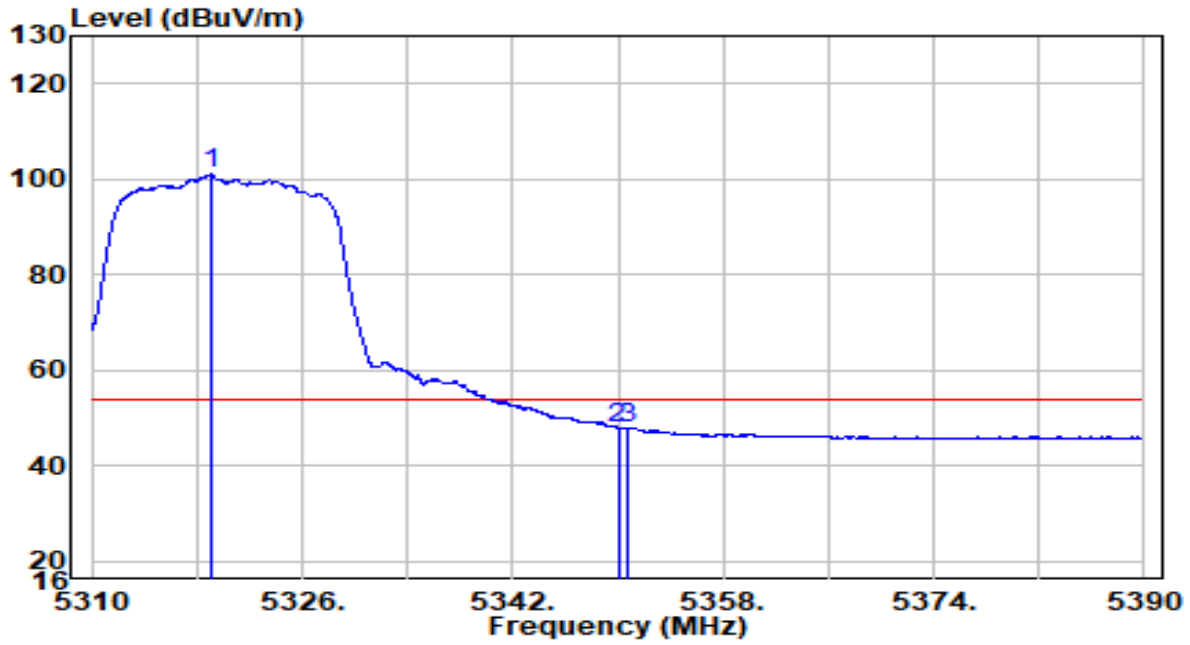
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5320MHz	Test Voltage	120V/60Hz

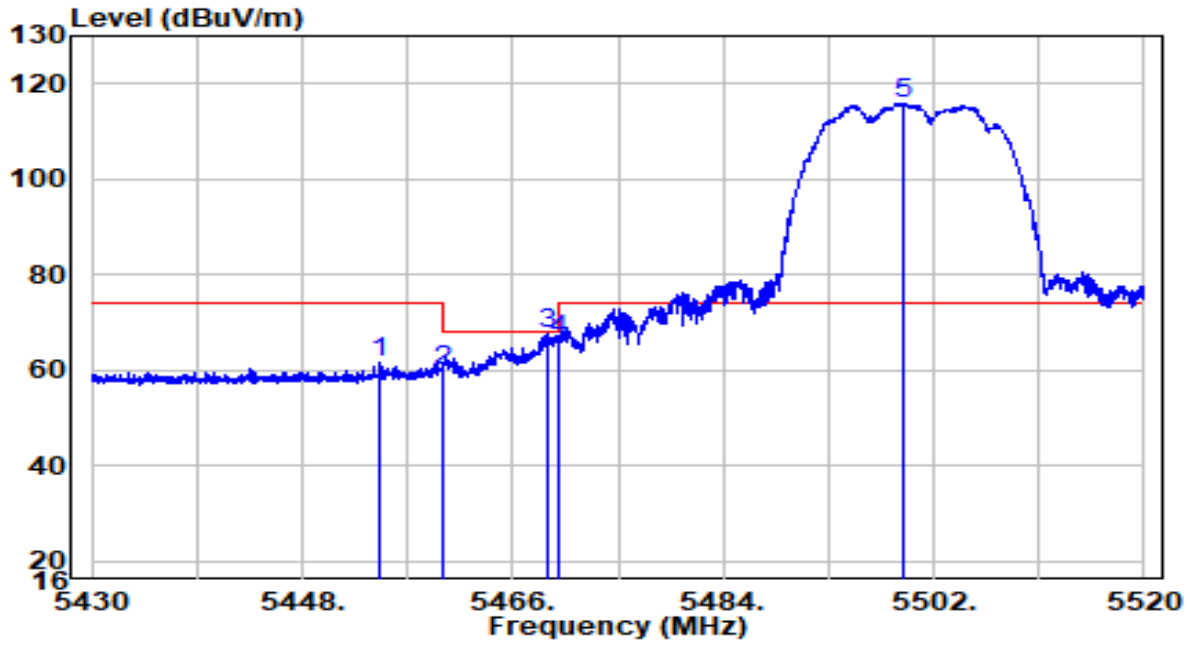


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.120	80.88	20.08	100.96	N/A	N/A	Average
2		5350.000	27.74	20.11	47.85	-6.15	54.00	Average
3		5350.800	27.90	20.11	48.01	-5.99	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	120V/60Hz

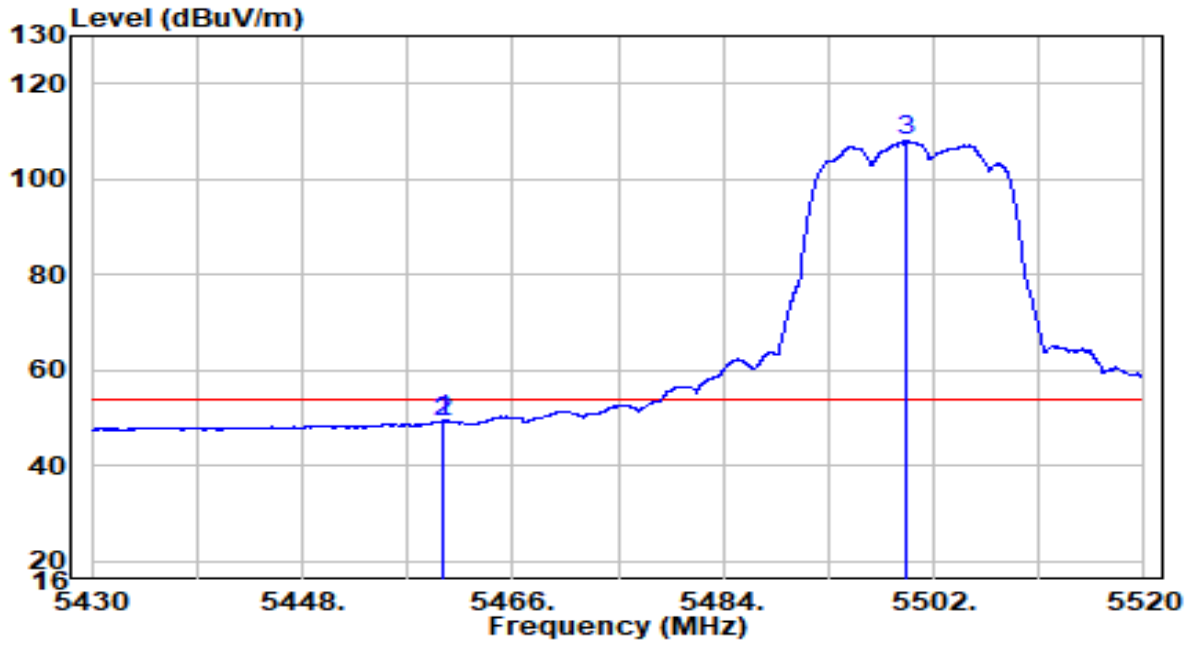


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5454.570	41.56	20.22	61.78	-12.22	74.00	Peak
2		5460.000	39.79	20.23	60.01	-8.19	68.20	Peak
3		5469.060	47.38	20.24	67.61	-0.59	68.20	Peak
4		5470.000	46.16	20.24	66.40	-1.80	68.20	Peak
5	*	5499.390	95.70	20.27	115.97	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	120V/60Hz

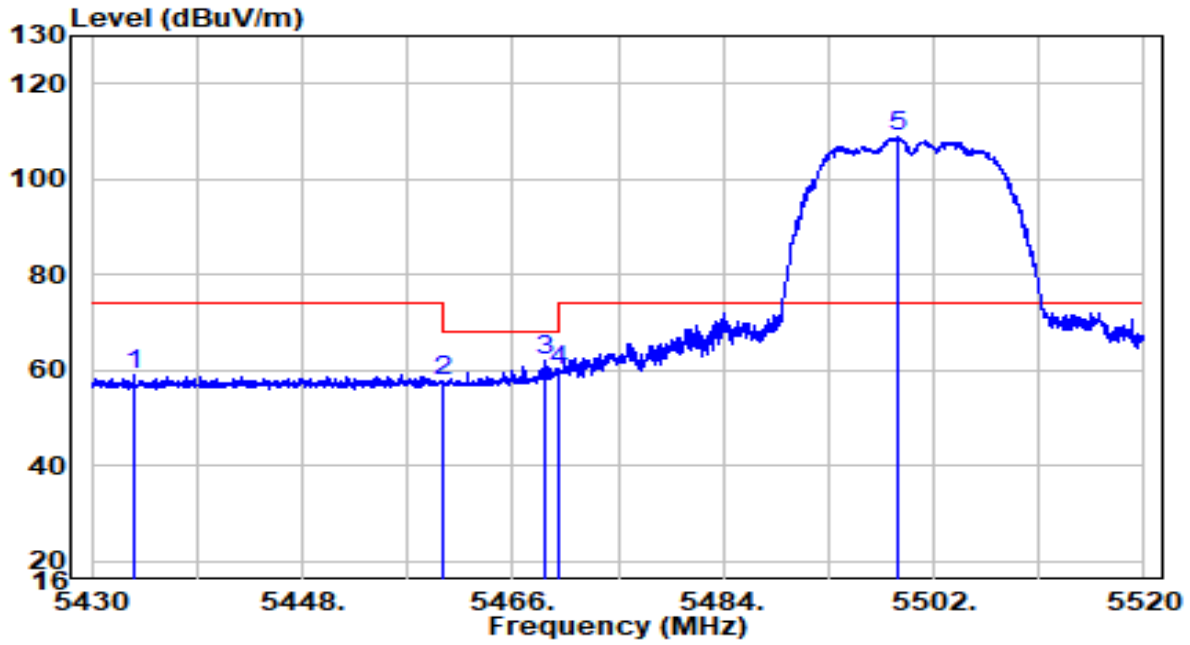


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5459.925	29.13	20.23	49.36	-4.64	54.00	Average
2		5460.000	29.06	20.23	49.29	-4.71	54.00	Average
3	*	5499.660	87.71	20.27	107.98	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	Test Voltage	120V/60Hz

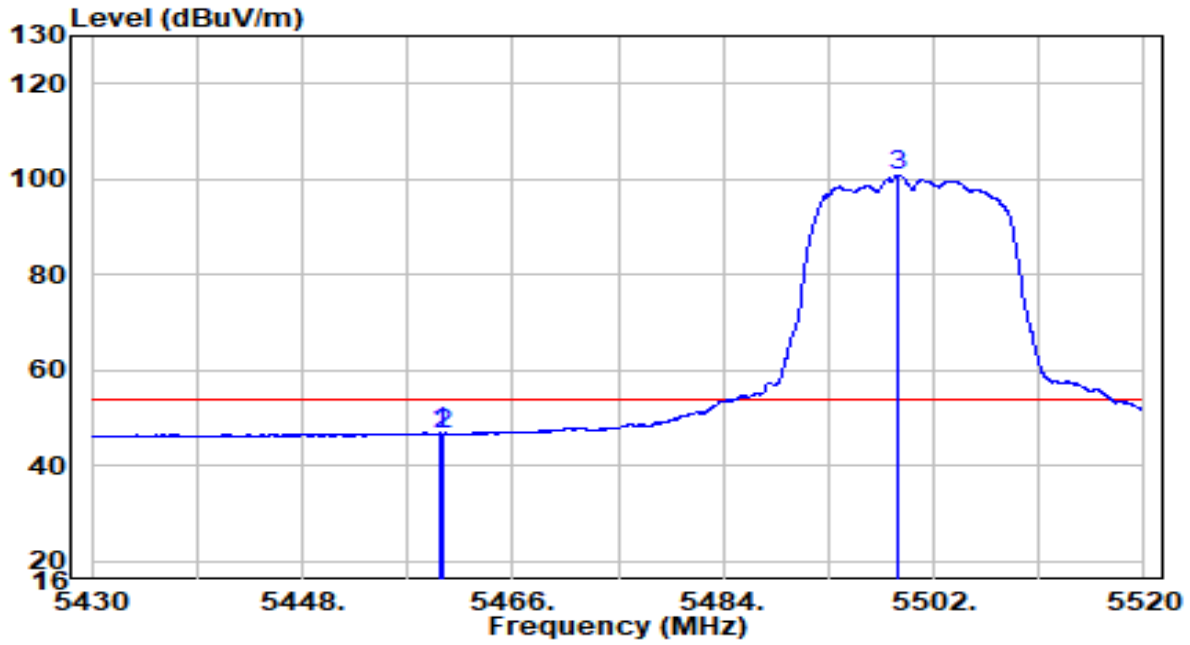


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5433.555	38.89	20.20	59.09	-14.91	74.00	Peak
2		5460.000	37.47	20.23	57.70	-10.50	68.20	Peak
3		5468.835	41.70	20.24	61.94	-6.26	68.20	Peak
4		5470.000	39.57	20.24	59.81	-8.39	68.20	Peak
5	*	5498.940	88.54	20.27	108.81	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5500MHz	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		5459.835	26.54	20.23	46.77	-7.23	54.00	Average
2		5460.000	26.43	20.23	46.66	-7.34	54.00	Average
3	*	5499.030	80.45	20.27	100.72	N/A	N/A	Average

Note:

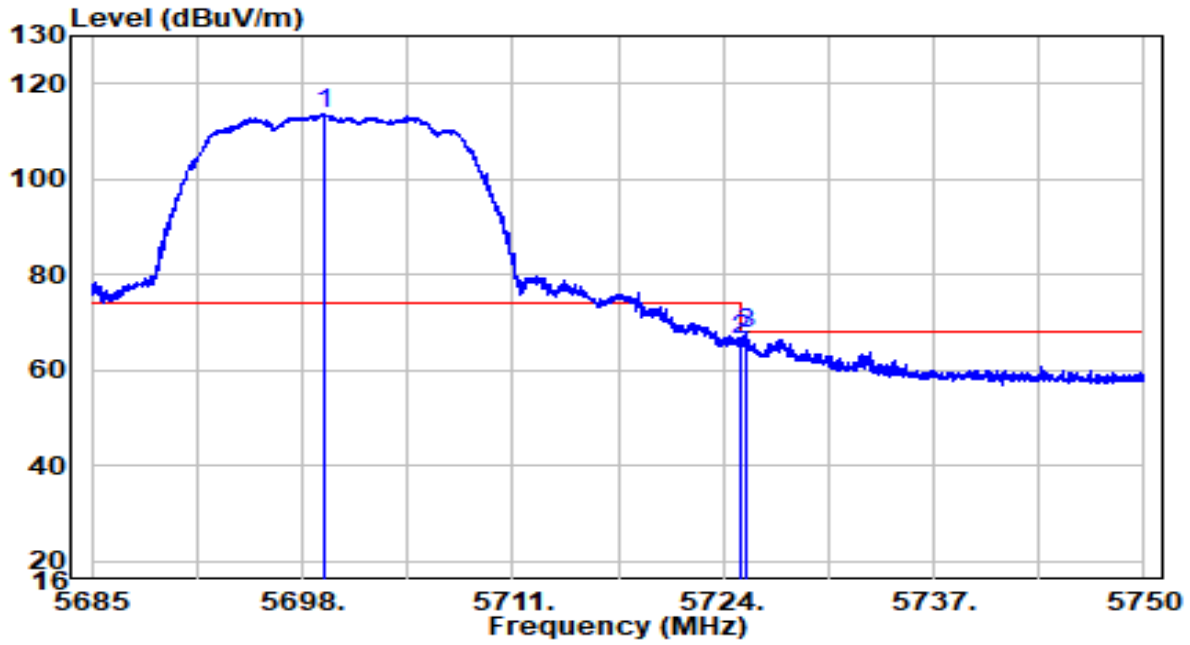
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	120V/60Hz

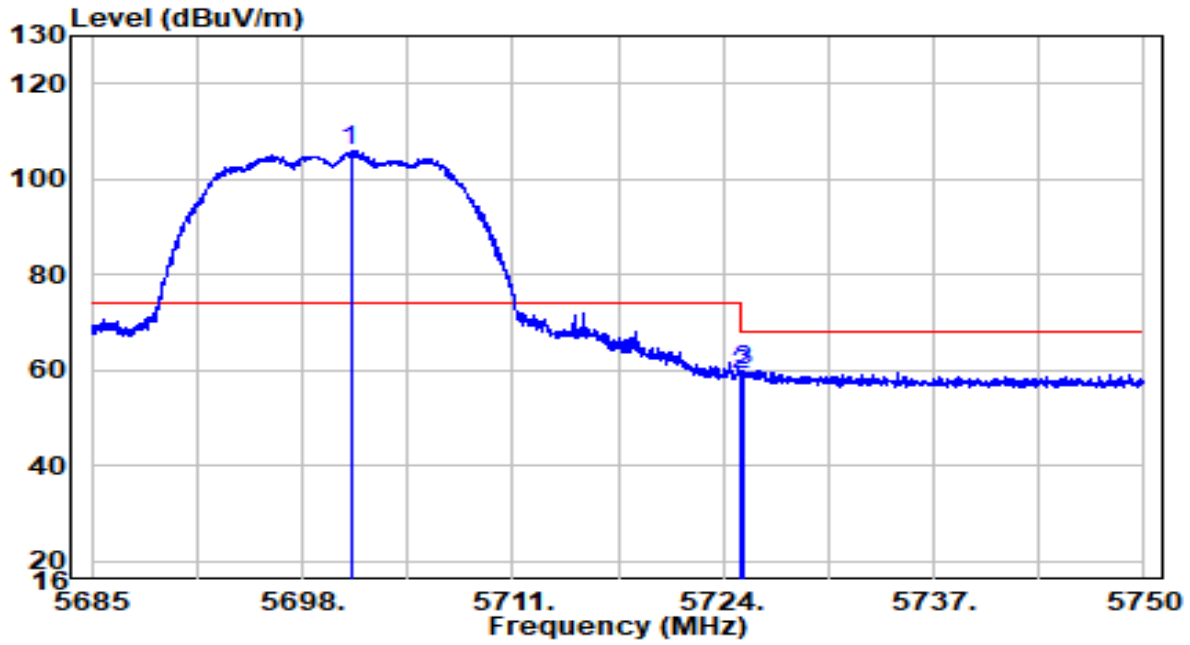


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5699.430	92.64	20.92	113.56	N/A	N/A	Peak
2		5725.000	45.15	21.00	66.15	-2.05	68.20	Peak
3		5725.462	46.63	21.00	67.64	-0.56	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5700MHz	Test Voltage	120V/60Hz

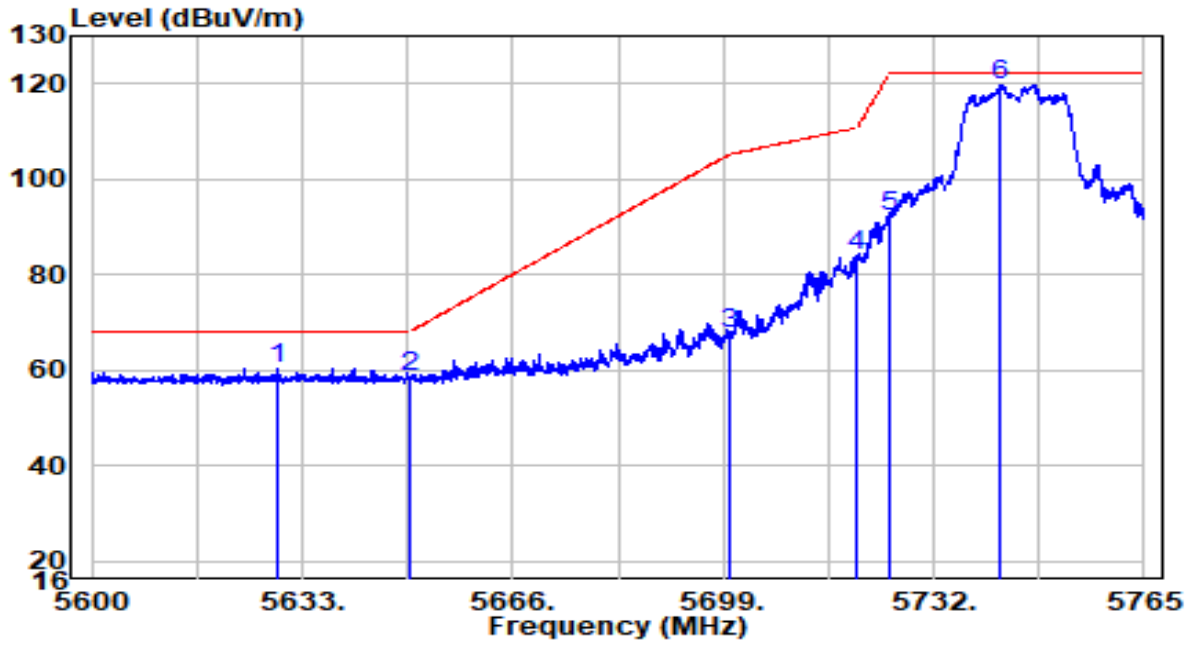


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5700.990	85.17	20.92	106.09	N/A	N/A	Peak
2		5725.000	38.09	21.00	59.09	-9.11	68.20	Peak
3		5725.170	38.82	21.00	59.82	-8.38	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	120V/60Hz

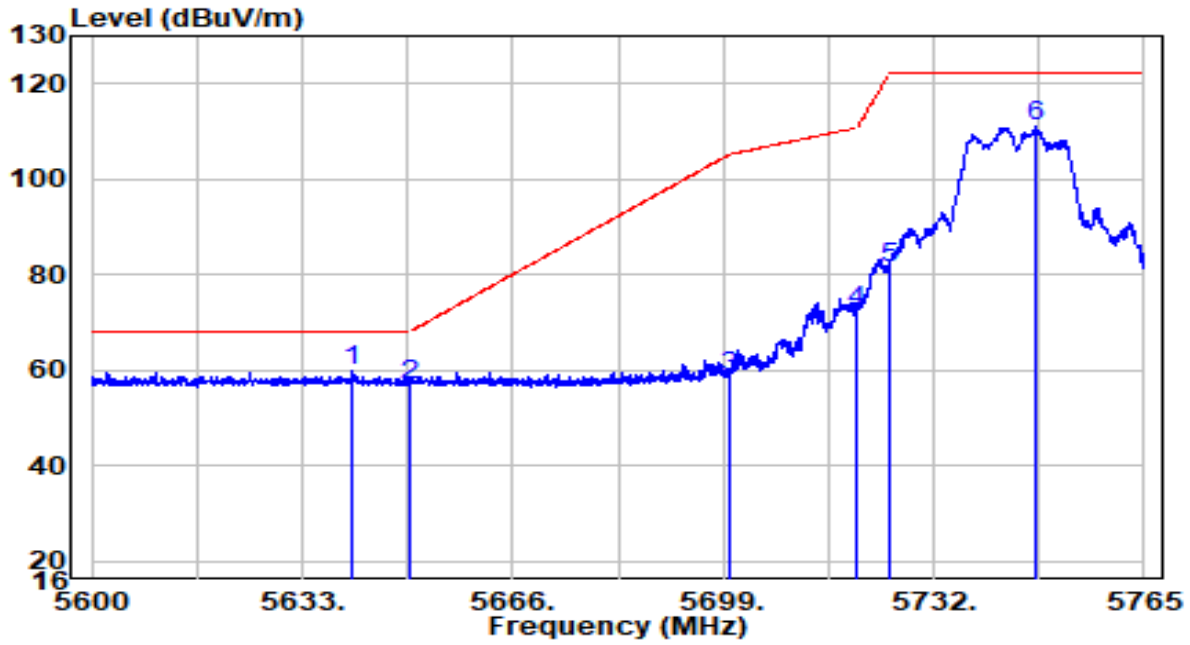


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5628.958	39.72	20.69	60.41	-7.79	68.20	Peak
2		5650.000	37.67	20.76	58.43	-9.77	68.20	Peak
3		5700.000	46.71	20.92	67.63	-37.57	105.20	Peak
4		5720.000	63.19	20.98	84.18	-26.62	110.80	Peak
5		5725.000	71.15	21.00	92.15	-30.05	122.20	Peak
6	*	5742.560	98.63	21.06	119.68	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5745MHz	Test Voltage	120V/60Hz

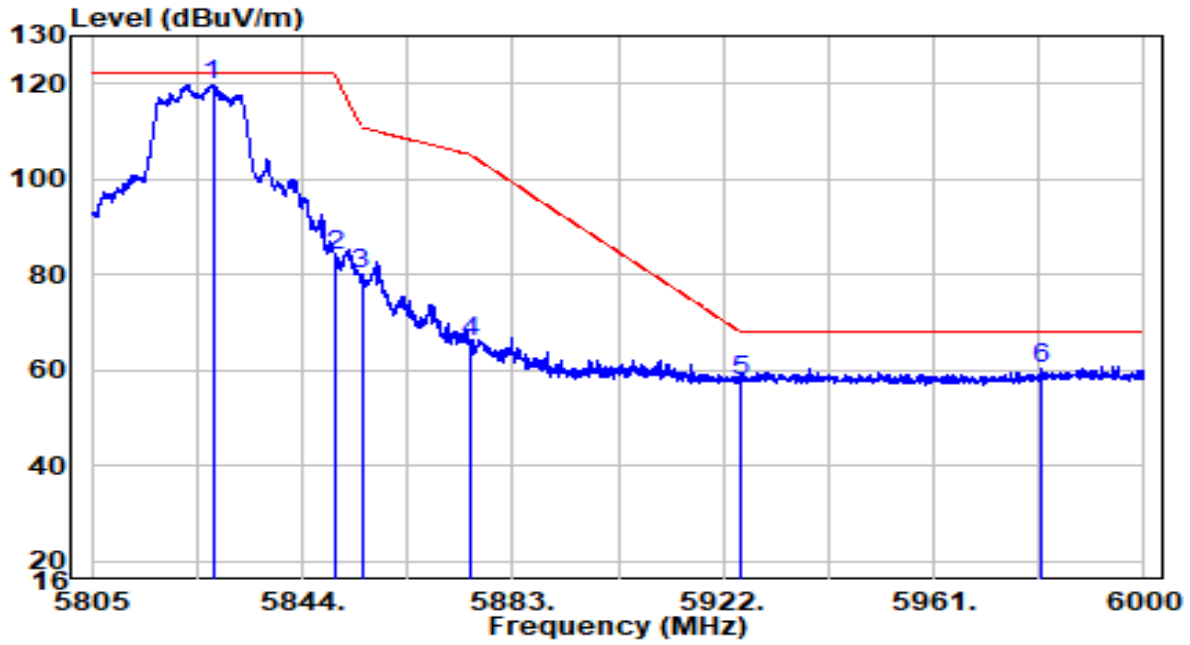


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5641.002	38.96	20.73	59.68	-8.52	68.20	Peak
2		5650.000	36.20	20.76	56.95	-11.25	68.20	Peak
3		5700.000	37.56	20.92	58.48	-46.72	105.20	Peak
4		5720.000	51.39	20.98	72.37	-38.43	110.80	Peak
5		5725.000	60.47	21.00	81.47	-40.73	122.20	Peak
6		5748.005	89.92	21.07	111.00	N/A	N/A	N/A

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	120V/60Hz

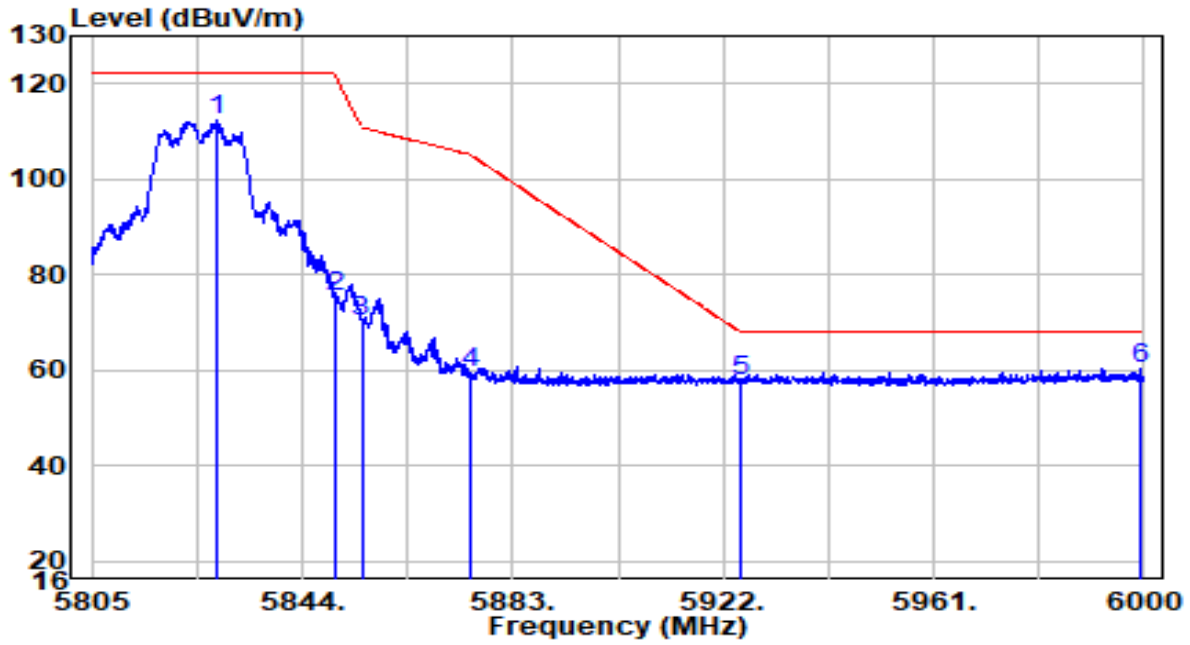


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5827.425	98.48	21.33	119.81	N/A	N/A	Peak
2		5850.000	62.75	21.40	84.15	-38.05	122.20	Peak
3		5855.000	58.50	21.42	79.92	-30.88	110.80	Peak
4		5875.000	44.52	21.49	66.01	-39.19	105.20	Peak
5		5925.000	36.24	21.65	57.89	-10.31	68.20	Peak
6		5980.987	38.37	21.83	60.20	-8.00	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11a at Channel 5825MHz	Test Voltage	120V/60Hz

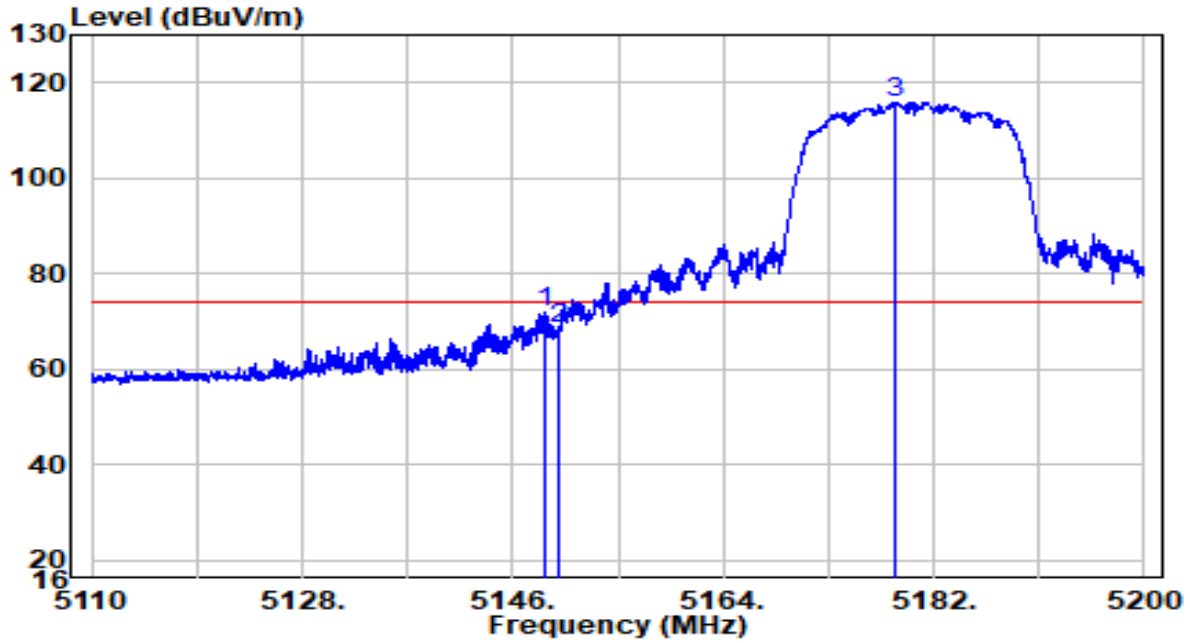


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5828.107	90.92	21.33	112.25	N/A	N/A	Peak
2		5850.000	54.16	21.40	75.57	-46.63	122.20	Peak
3		5855.000	48.63	21.42	70.05	-40.75	110.80	Peak
4		5875.000	38.16	21.49	59.64	-45.56	105.20	Peak
5		5925.000	36.29	21.65	57.94	-10.26	68.20	Peak
6	*	5999.415	38.62	21.89	60.51	-7.69	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5180MHz	Test Voltage	120V/60Hz

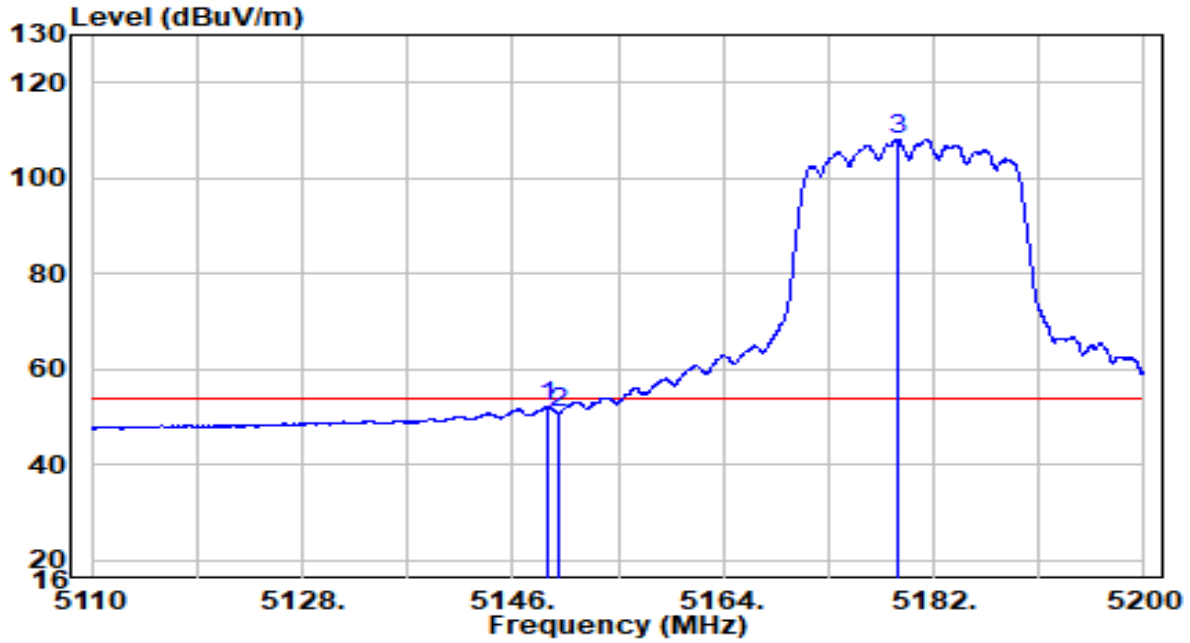


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.745	52.05	19.90	71.96	-2.04	74.00	Peak
2		5150.000	48.74	19.91	68.64	-5.36	74.00	Peak
3	*	5178.760	96.05	19.94	115.99	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11 ac-VHT20 at Channel 5180MHz	Test Voltage	120V/60Hz

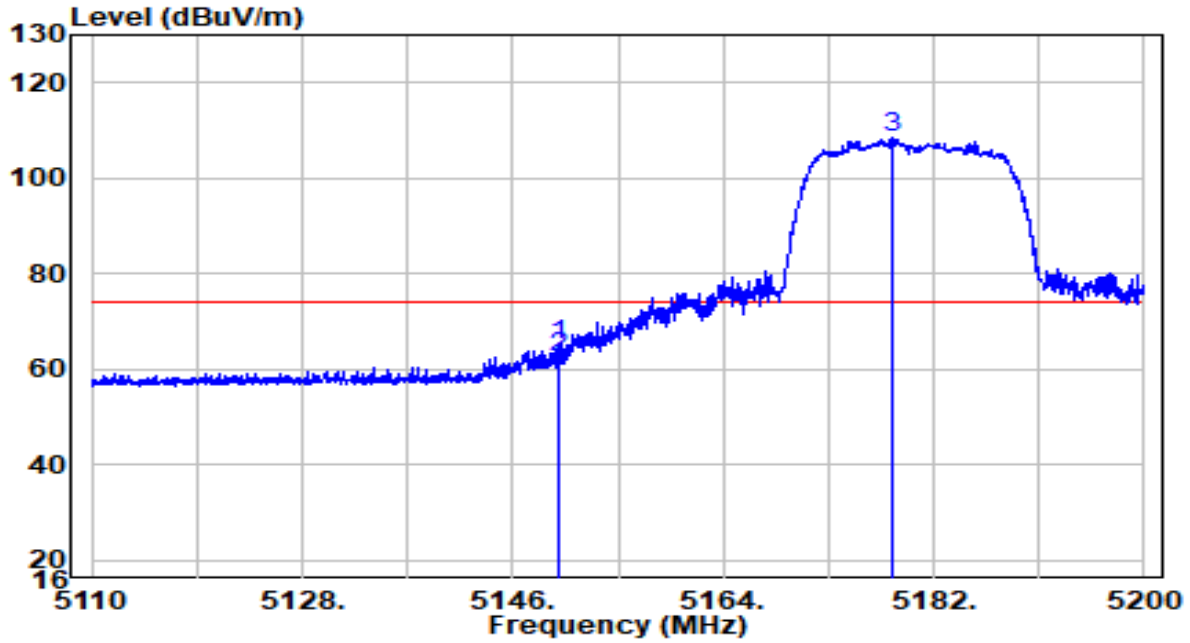


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.060	32.25	19.91	52.16	-1.84	54.00	Average
2		5150.000	31.07	19.91	50.98	-3.02	54.00	Average
3	*	5178.940	88.07	19.94	108.01	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11 ac-VHT20 at Channel 5180MHz	Test Voltage	120V/60Hz

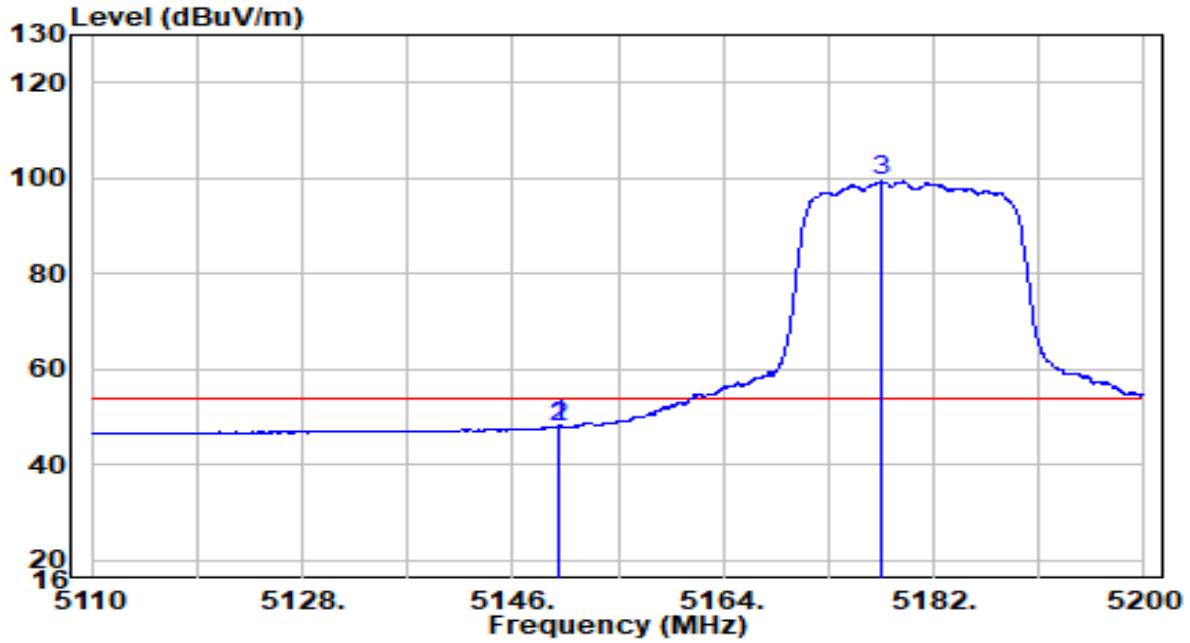


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.915	45.18	19.91	65.09	-8.91	74.00	Peak
2		5150.000	42.62	19.91	62.52	-11.48	74.00	Peak
3	*	5178.355	88.51	19.94	108.45	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11 ac-VHT20 at Channel 5180MHz	Test Voltage	120V/60Hz

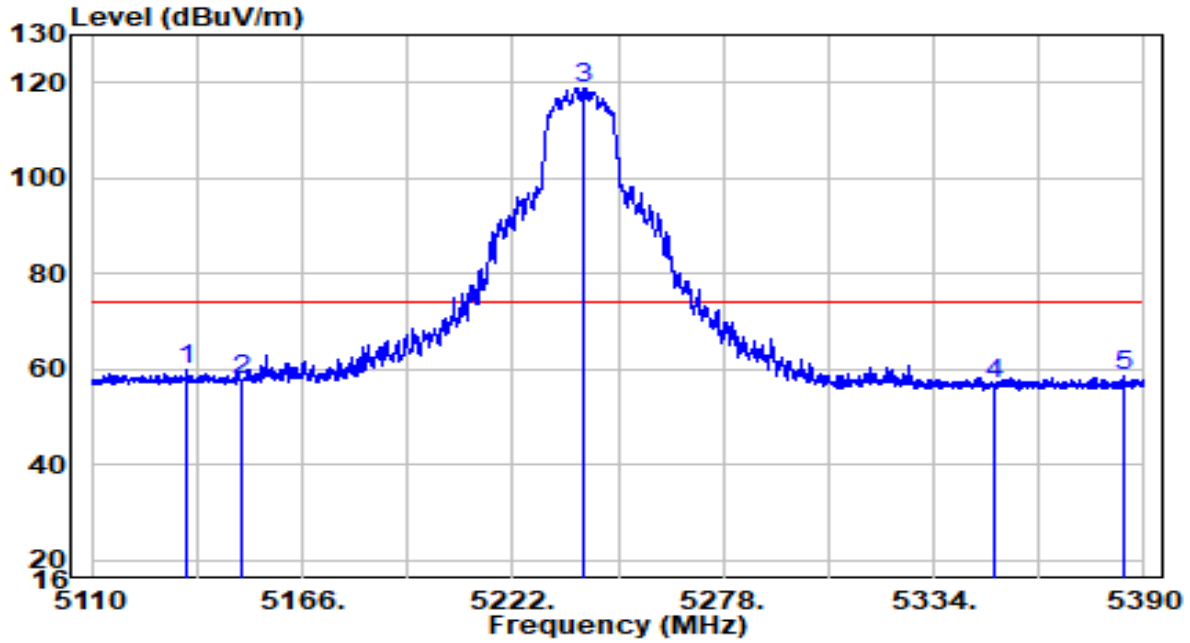


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.915	28.16	19.91	48.06	-5.94	54.00	Average
2		5150.000	28.09	19.91	47.99	-6.01	54.00	Average
3	*	5177.590	79.53	19.93	99.47	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	120V/60Hz

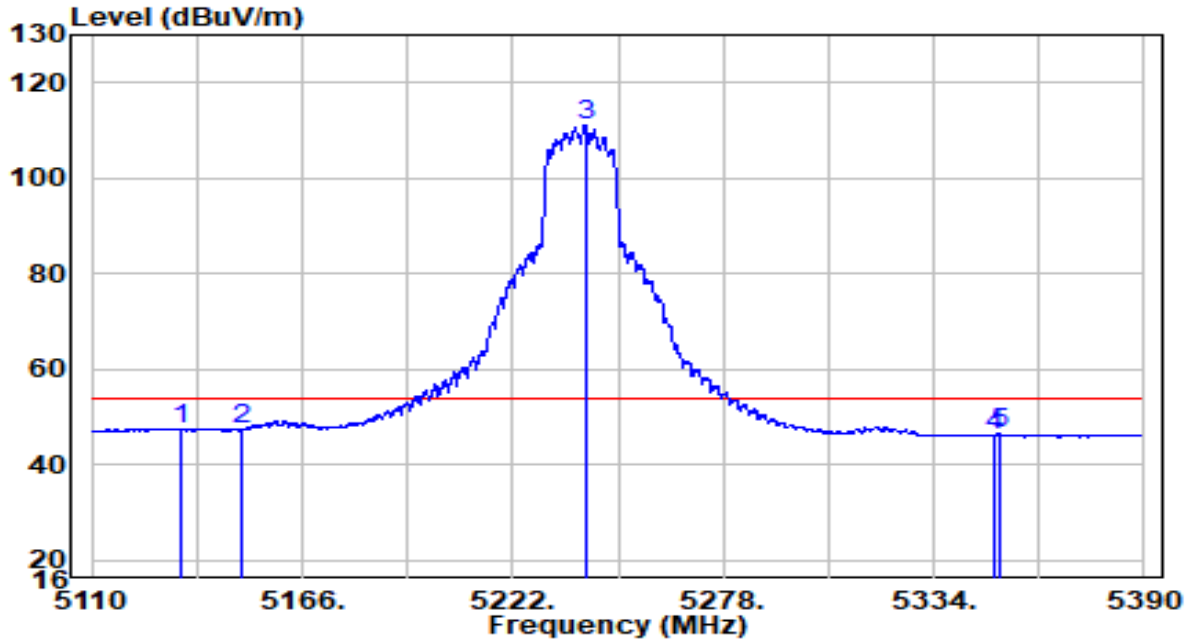


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5135.480	39.90	19.89	59.79	-14.21	74.00	Peak
2		5150.000	37.80	19.91	57.70	-16.30	74.00	Peak
3	*	5241.180	99.02	20.00	119.03	N/A	N/A	Peak
4		5350.000	36.58	20.11	56.69	-17.31	74.00	Peak
5		5384.540	38.24	20.15	58.39	-15.61	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	120V/60Hz

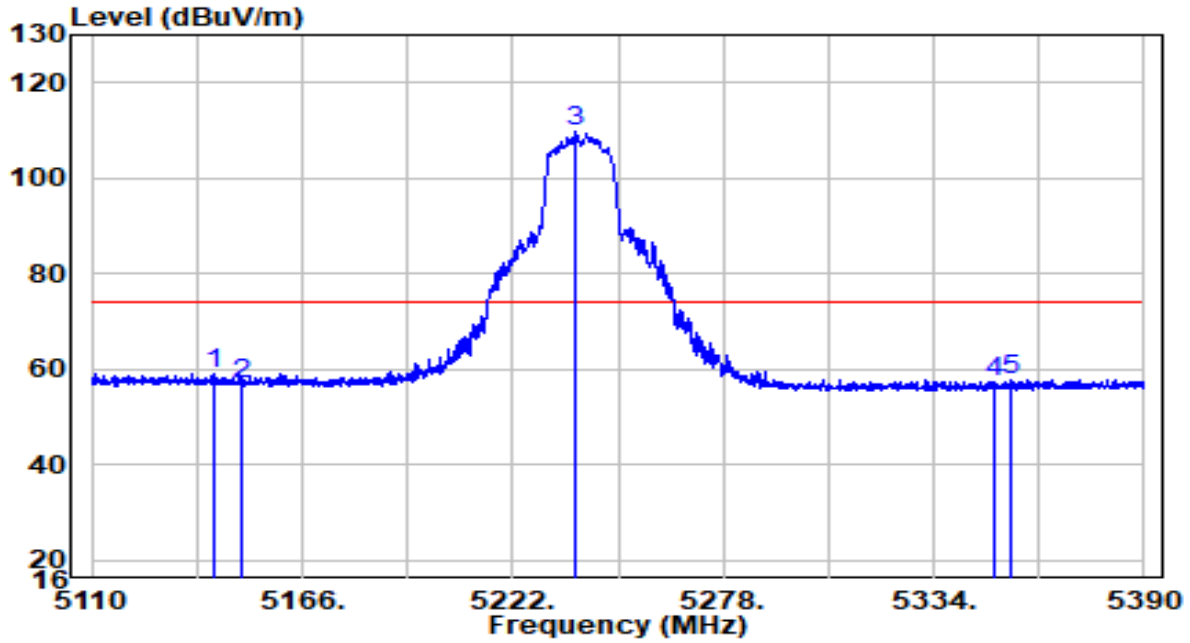


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5133.940	27.70	19.89	47.59	-6.41	54.00	Average
2		5150.000	27.39	19.91	47.30	-6.70	54.00	Average
3	*	5241.320	91.06	20.00	111.06	N/A	N/A	Average
4		5350.000	26.04	20.11	46.15	-7.85	54.00	Average
5		5351.640	26.25	20.12	46.37	-7.63	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	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		5142.760	39.04	19.90	58.94	-15.06	74.00	Peak
2		5150.000	36.99	19.91	56.90	-17.10	74.00	Peak
3	*	5238.520	89.85	20.00	109.85	N/A	N/A	Peak
4		5350.000	36.99	20.11	57.11	-16.89	74.00	Peak
5		5354.300	37.72	20.12	57.84	-16.16	74.00	Peak

Note:

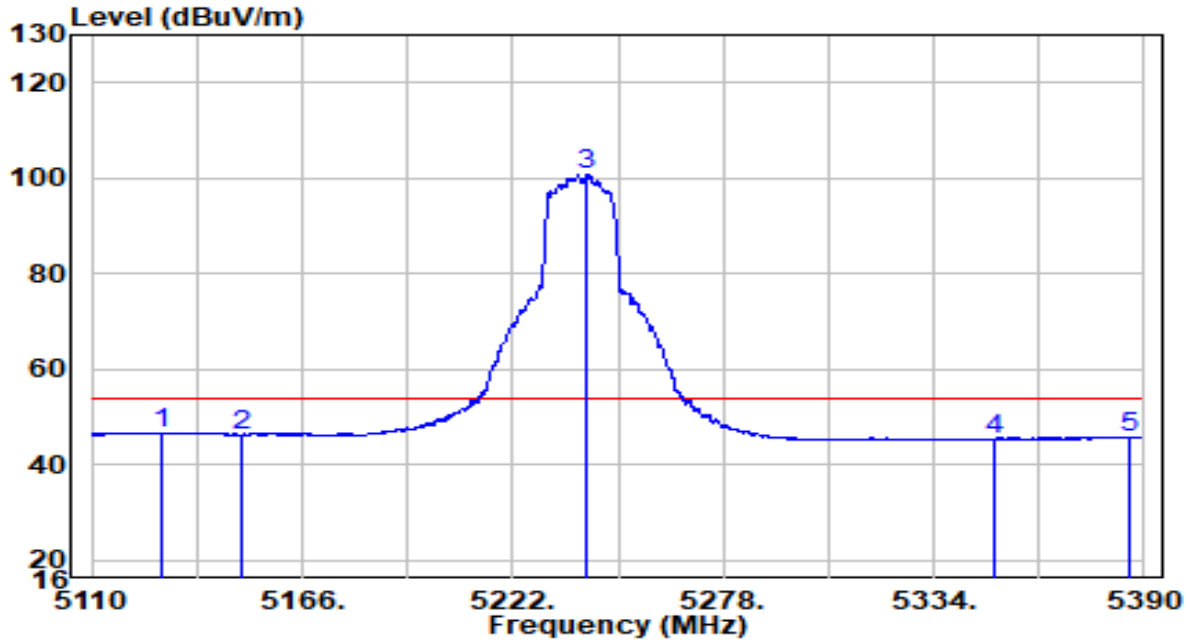
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5240MHz	Test Voltage	120V/60Hz

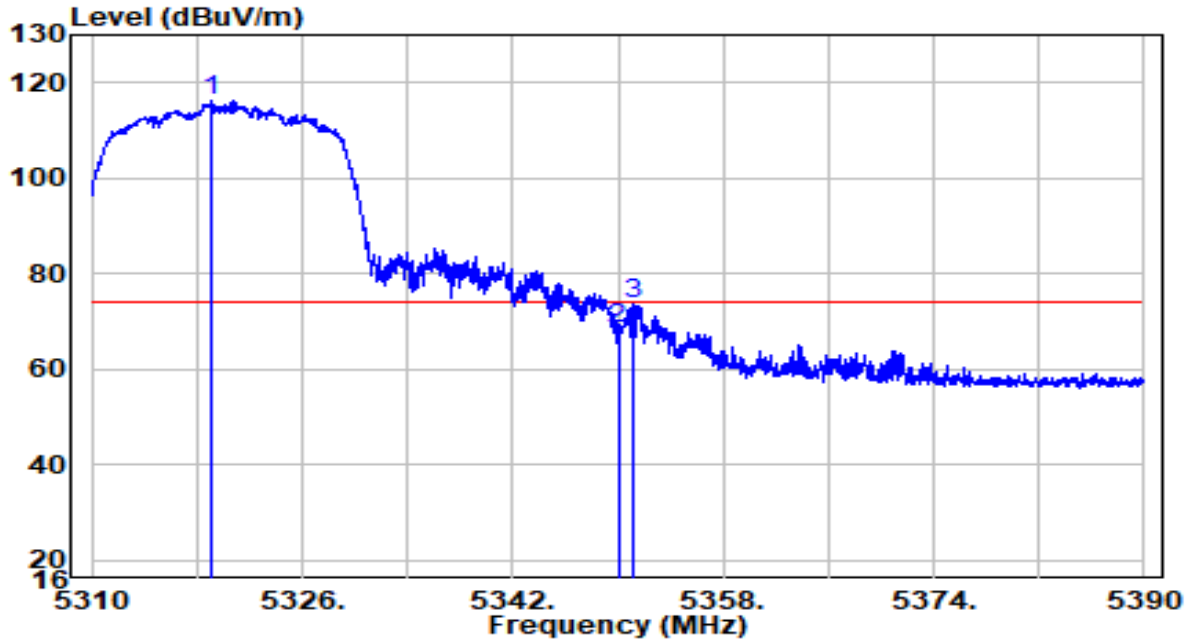


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5128.620	26.76	19.88	46.65	-7.35	54.00	Average
2		5150.000	26.35	19.91	46.25	-7.75	54.00	Average
3	*	5241.740	80.96	20.00	100.96	N/A	N/A	Average
4		5350.000	25.25	20.11	45.37	-8.63	54.00	Average
5		5385.800	25.60	20.15	45.75	-8.25	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

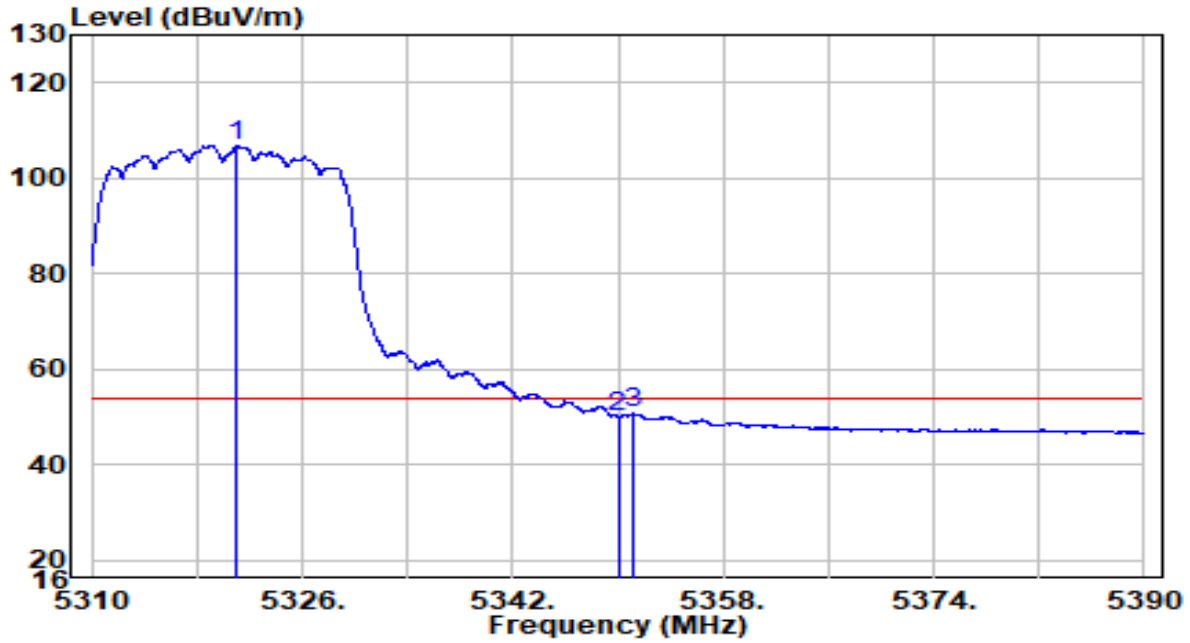


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.040	96.06	20.08	116.14	N/A	N/A	Peak
2		5350.000	48.27	20.11	68.38	-5.62	74.00	Peak
3		5351.080	53.49	20.12	73.60	-0.40	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

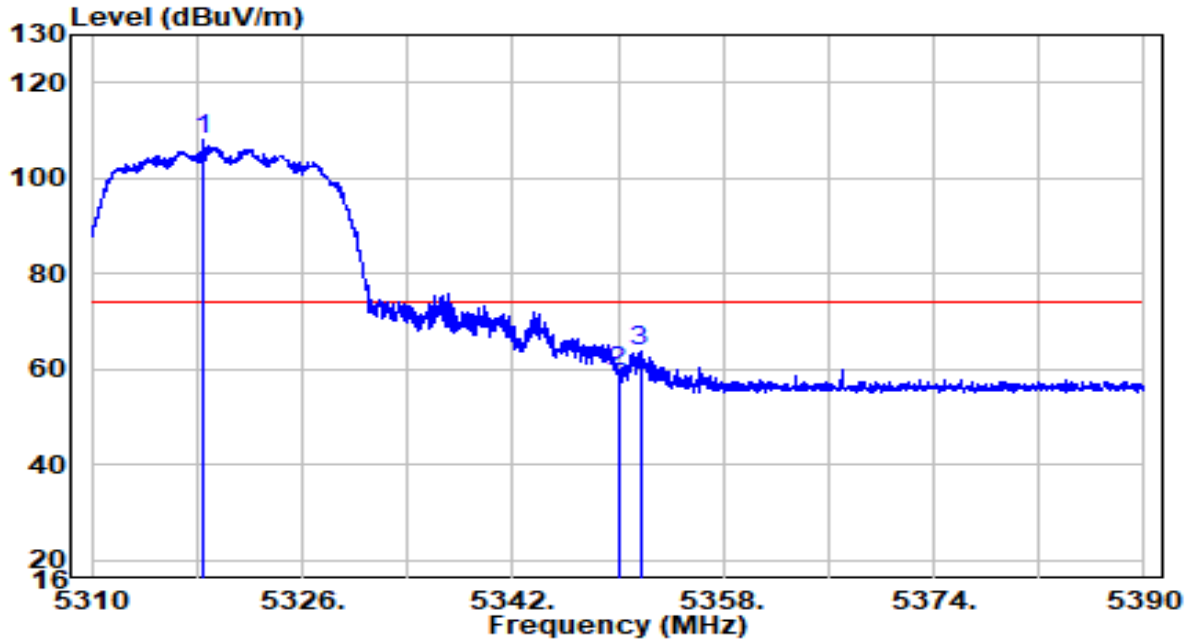


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5321.040	86.72	20.08	106.81	N/A	N/A	Average
2		5350.000	29.95	20.11	50.07	-3.93	54.00	Average
3		5351.160	30.63	20.12	50.74	-3.26	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

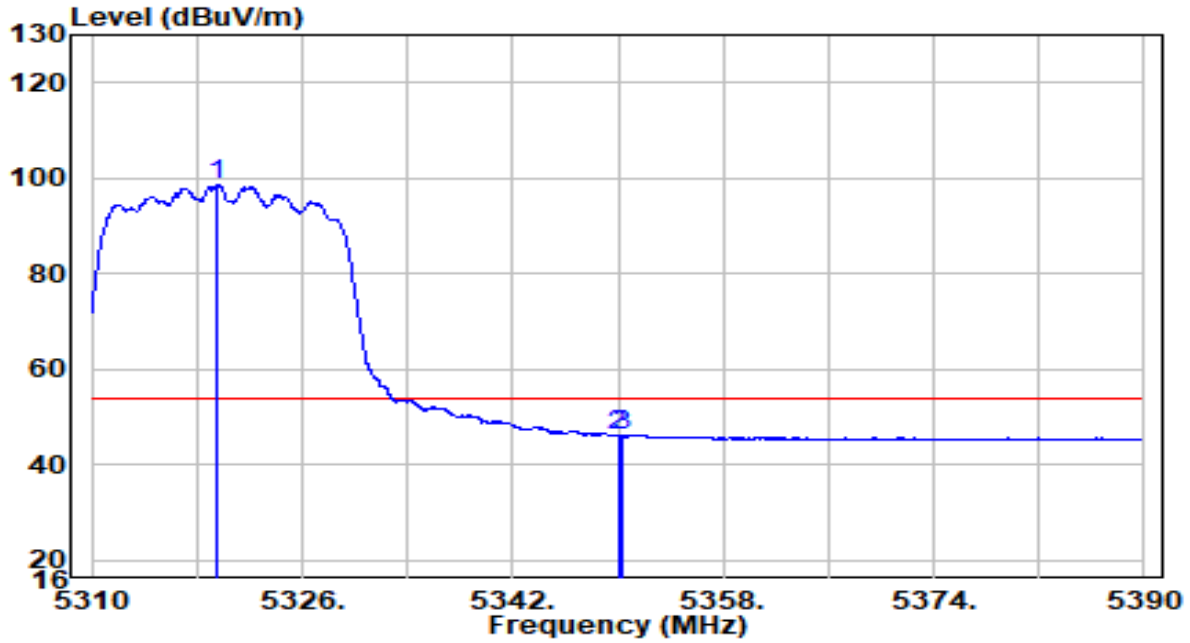


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5318.520	87.90	20.08	107.98	N/A	N/A	Peak
2		5350.000	39.46	20.11	59.58	-14.42	74.00	Peak
3		5351.680	43.44	20.12	63.56	-10.44	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5320MHz	Test Voltage	120V/60Hz

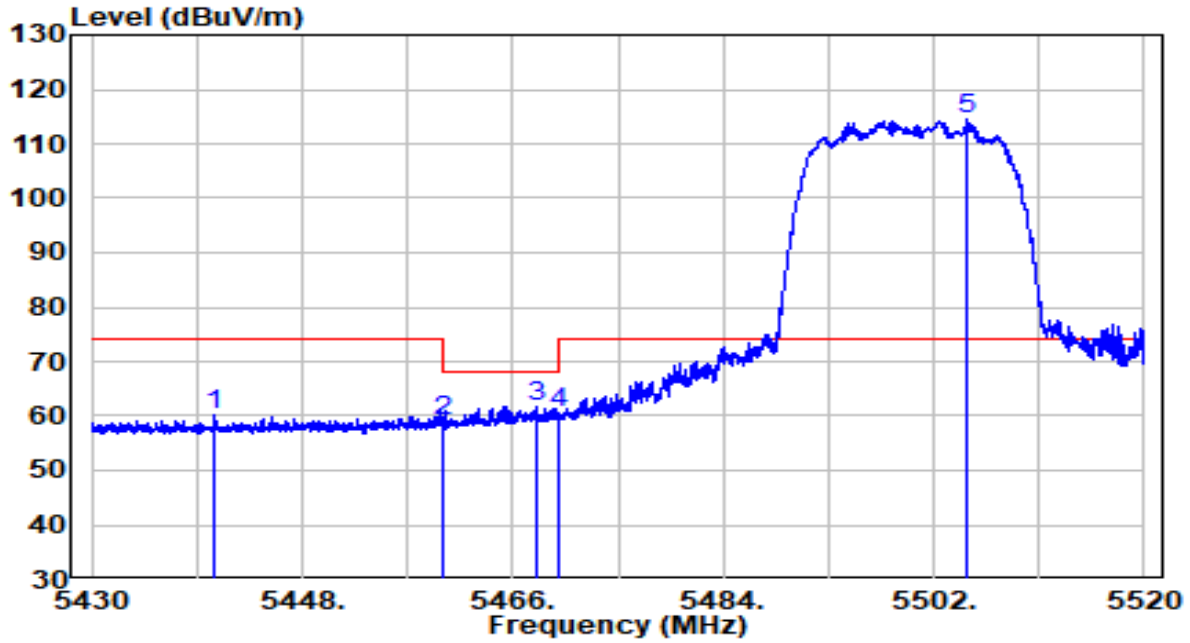


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5319.600	78.51	20.08	98.59	N/A	N/A	Average
2		5350.000	25.97	20.11	46.08	-7.92	54.00	Average
3		5350.240	26.05	20.11	46.16	-7.84	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	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		5440.440	40.02	20.21	60.23	-13.77	74.00	Peak
2		5460.000	38.69	20.23	58.92	-9.28	68.20	Peak
3		5468.160	41.61	20.24	61.84	-6.36	68.20	Peak
4		5470.000	40.21	20.24	60.44	-7.76	68.20	Peak
5	*	5504.925	94.07	20.29	114.35	N/A	N/A	Peak

Note:

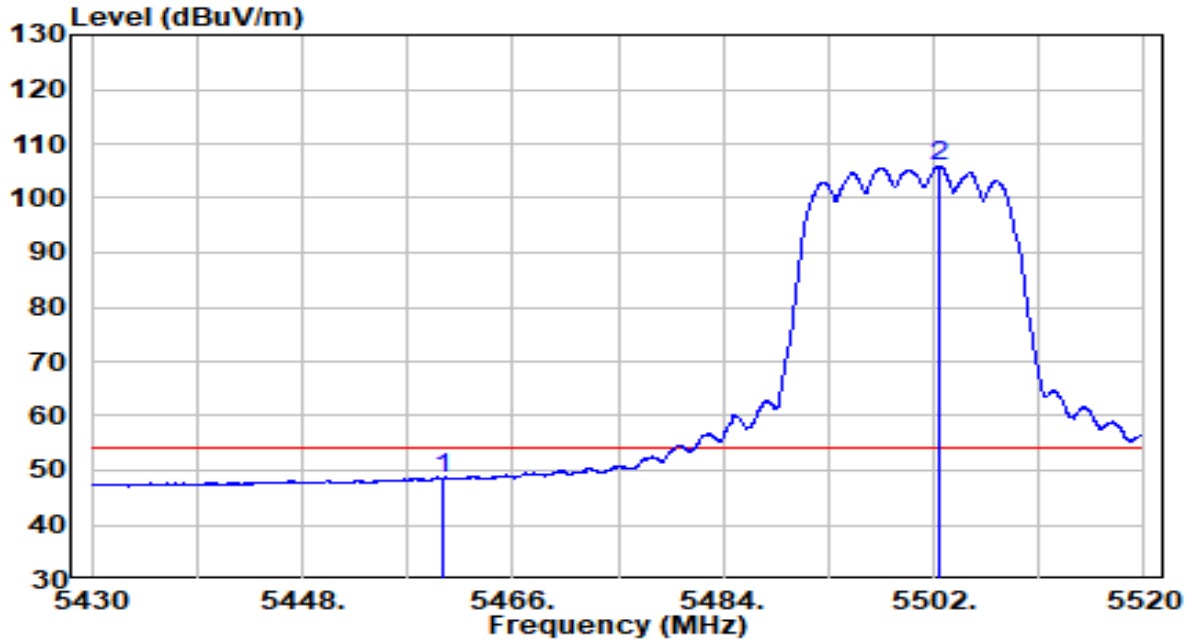
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	120V/60Hz

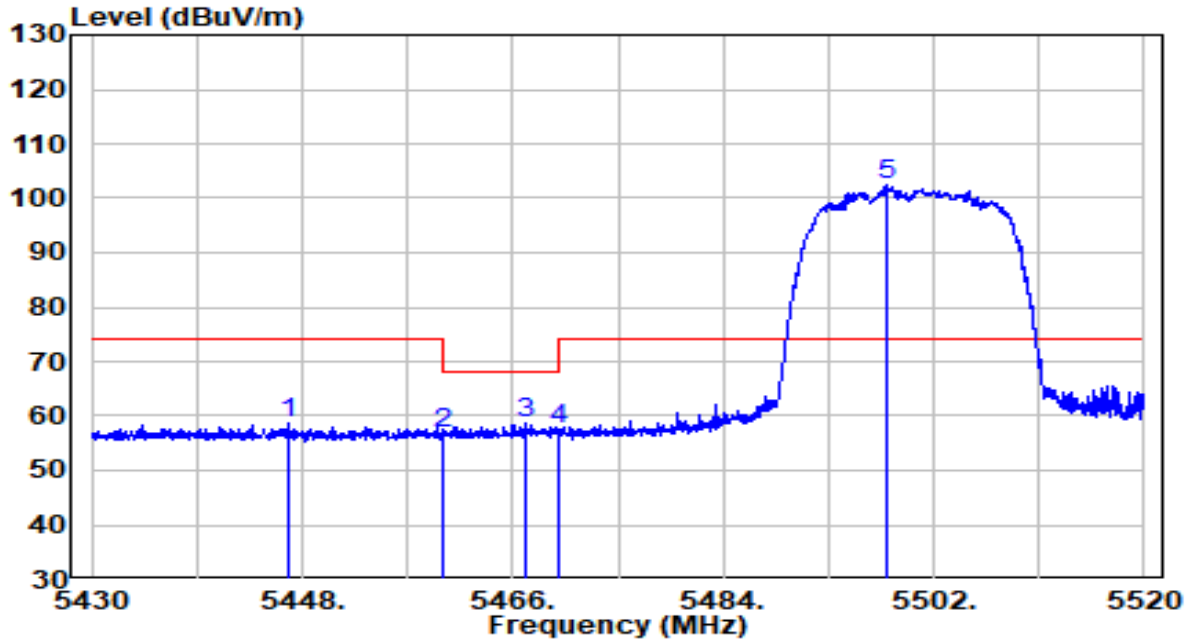


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	28.35	20.23	48.58	-5.42	54.00	Average
2	*	5502.405	85.75	20.28	106.03	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	120V/60Hz

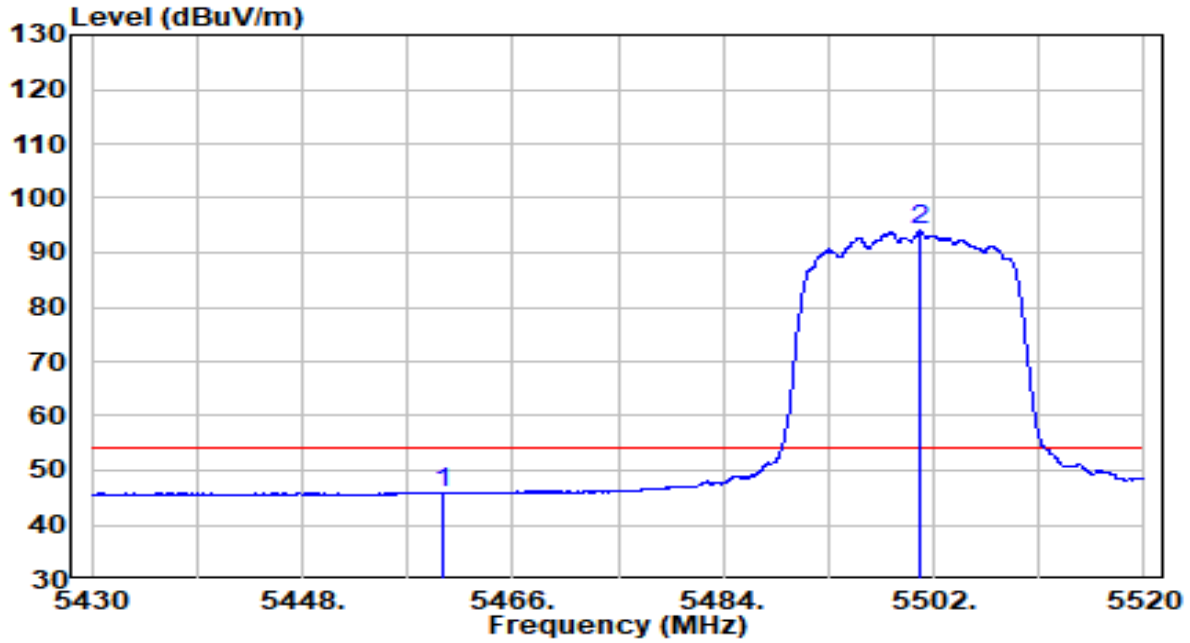


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5446.920	38.63	20.21	58.84	-15.16	74.00	Peak
2		5460.000	36.46	20.23	56.69	-11.51	68.20	Peak
3		5467.215	38.27	20.24	58.50	-9.70	68.20	Peak
4		5470.000	37.19	20.24	57.43	-10.77	68.20	Peak
5	*	5498.040	82.09	20.27	102.36	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5500MHz	Test Voltage	120V/60Hz

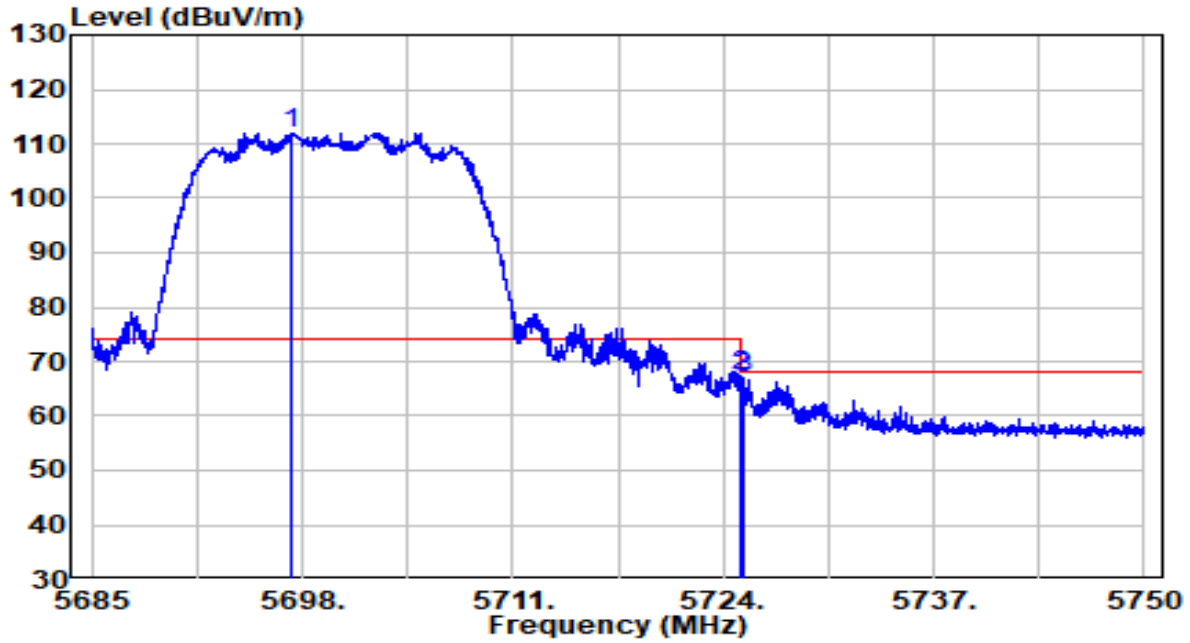


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	25.58	20.23	45.81	-8.19	54.00	Average
2	*	5500.920	73.72	20.27	93.99	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	120V/60Hz

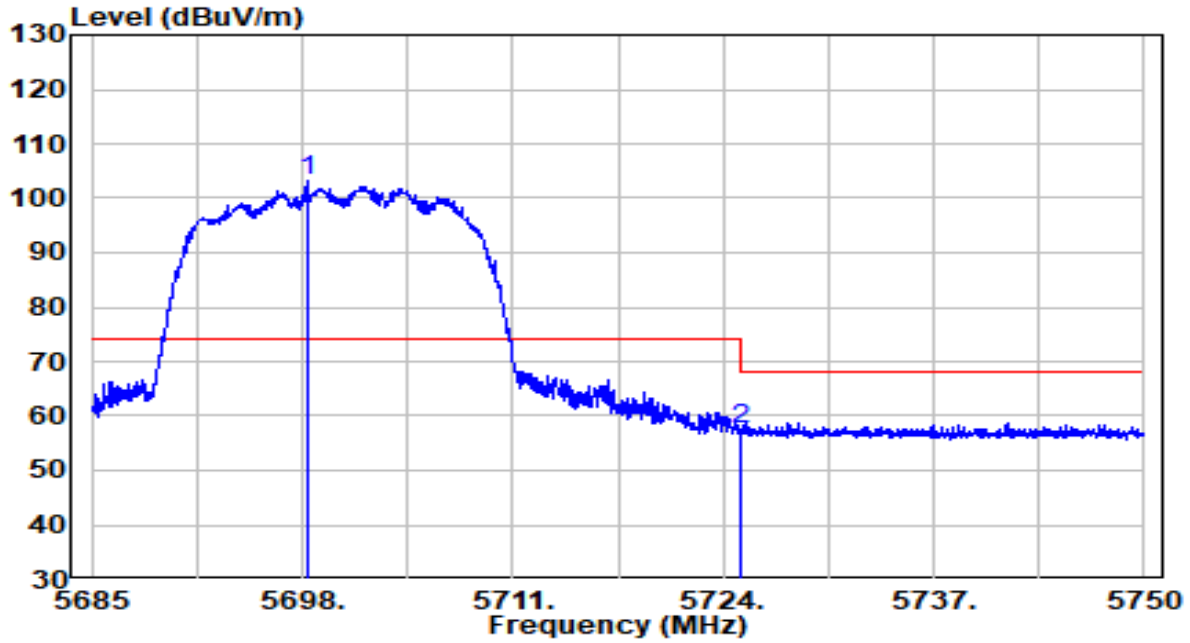


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5697.285	91.04	20.91	111.95	N/A	N/A	Peak
2		5725.000	46.55	21.00	67.54	-0.66	68.20	Peak
3		5725.268	45.84	21.00	66.84	-1.36	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5700MHz	Test Voltage	120V/60Hz

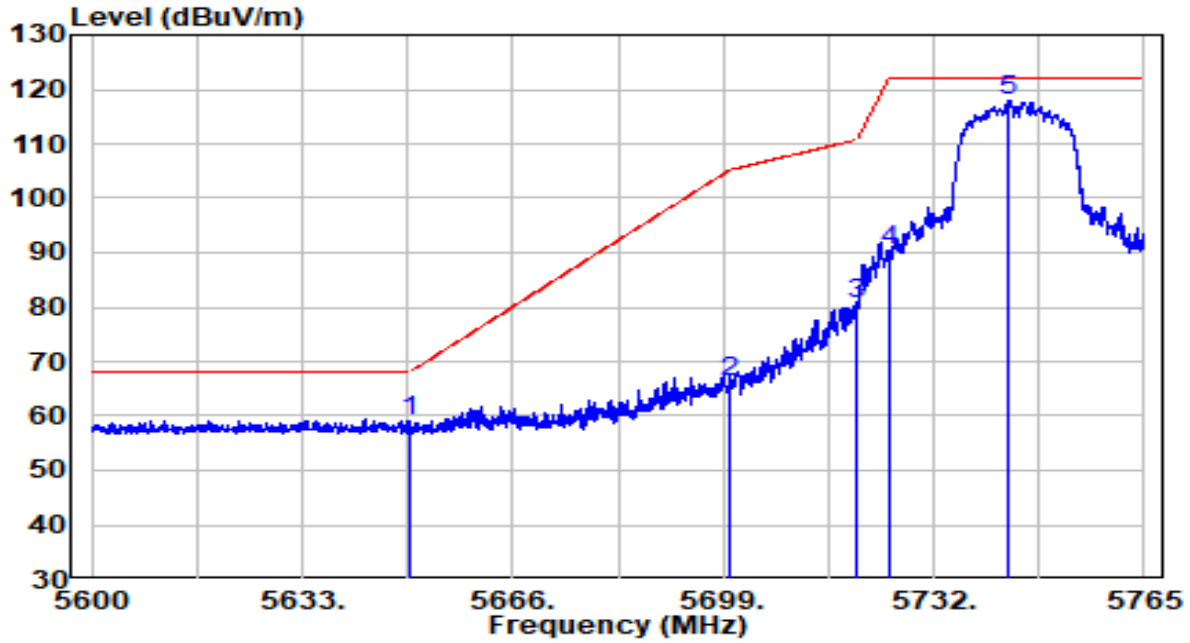


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5698.390	82.12	20.91	103.03	N/A	N/A	Peak
2		5725.000	36.50	21.00	57.50	-10.70	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	120V/60Hz

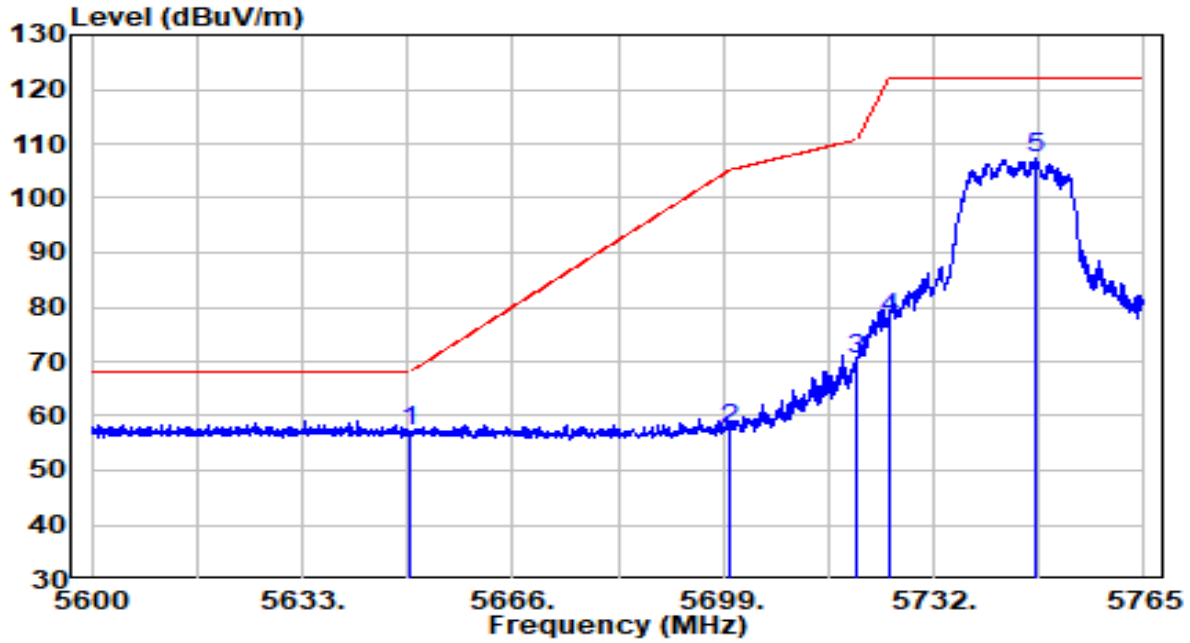


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5650.000	38.12	20.76	58.87	-9.33	68.20	Peak
2		5700.000	45.18	20.92	66.10	-39.10	105.20	Peak
3		5720.000	59.65	20.98	80.63	-30.17	110.80	Peak
4		5725.000	69.49	21.00	90.49	-31.71	122.20	Peak
5	*	5743.715	96.92	21.06	117.98	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5745MHz	Test Voltage	120V/60Hz

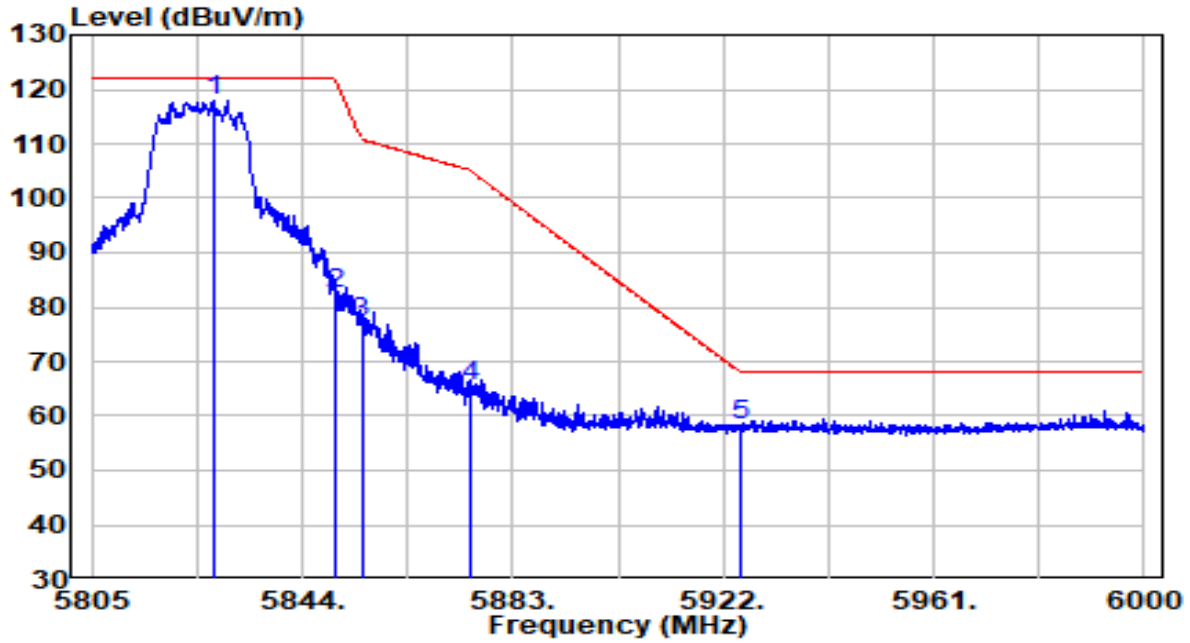


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5650.000	36.28	20.76	57.04	-11.16	68.20	Peak
2		5700.000	36.77	20.92	57.69	-47.51	105.20	Peak
3		5720.000	49.58	20.98	70.56	-40.24	110.80	Peak
4		5725.000	56.92	21.00	77.92	-44.28	122.20	Peak
5		5748.005	86.20	21.07	107.28	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	120V/60Hz

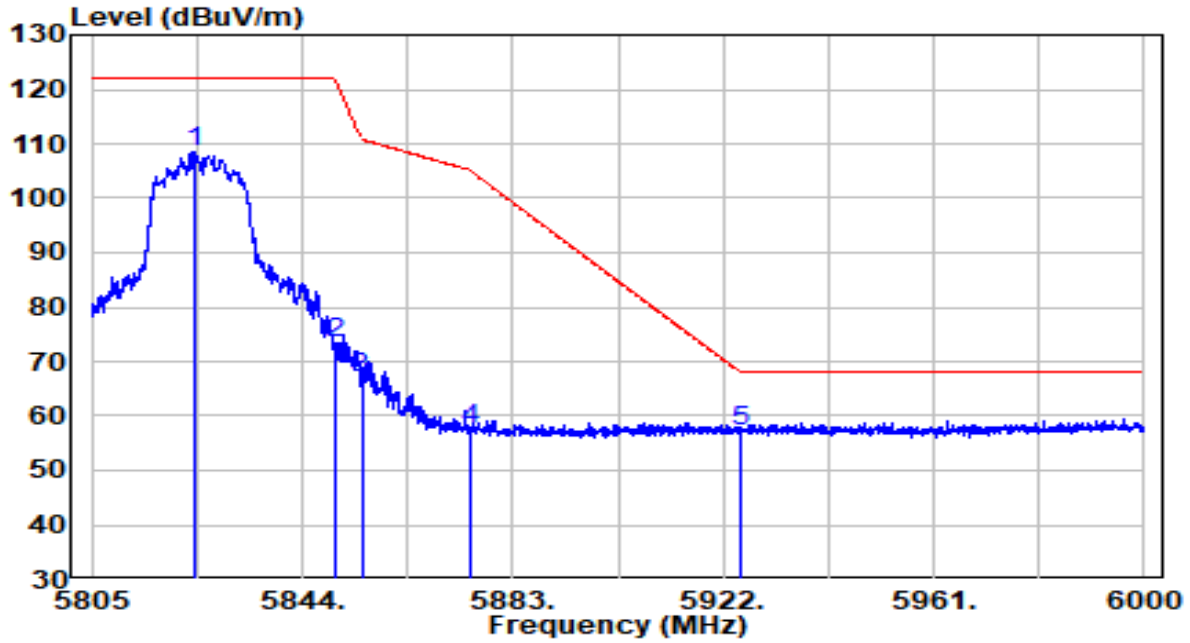


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5827.620	96.66	21.33	118.00	N/A	N/A	Peak
2		5850.000	61.02	21.40	82.42	-39.78	122.20	Peak
3		5855.000	55.72	21.42	77.14	-33.66	110.80	Peak
4		5875.000	43.89	21.49	65.38	-39.82	105.20	Peak
5		5925.000	36.81	21.65	58.46	-9.74	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT20 at Channel 5825MHz	Test Voltage	120V/60Hz

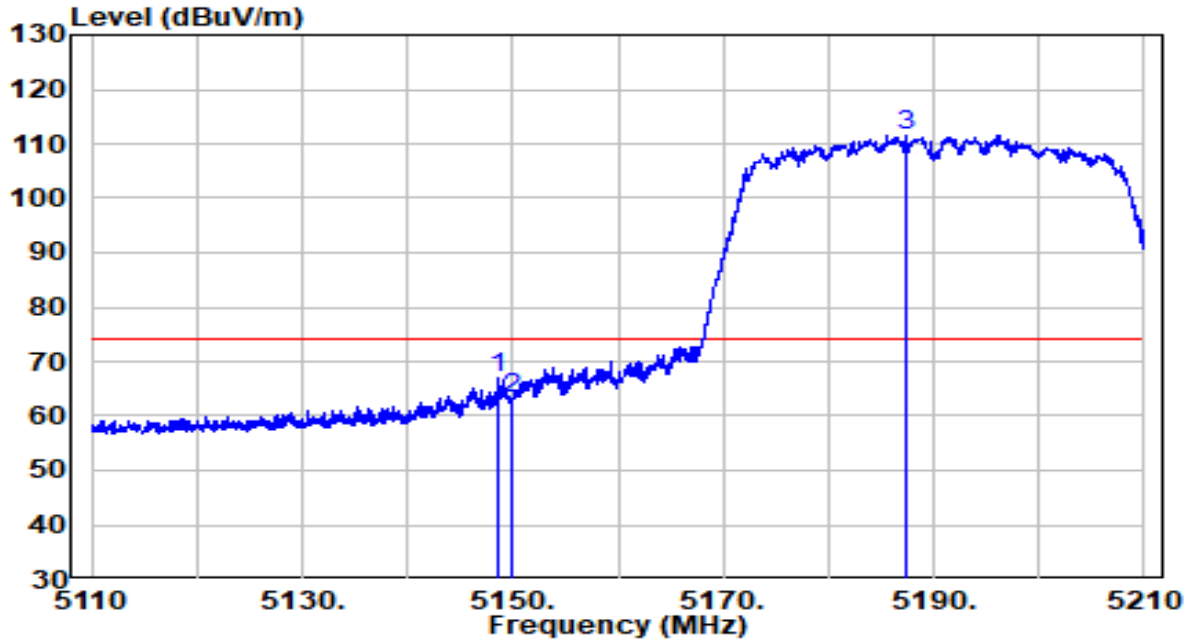


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5824.013	87.16	21.32	108.48	N/A	N/A	Peak
2		5850.000	52.02	21.40	73.42	-48.78	122.20	Peak
3		5855.000	45.39	21.42	66.81	-43.99	110.80	Peak
4		5875.000	36.01	21.49	57.49	-47.71	105.20	Peak
5	*	5925.000	35.43	21.65	57.07	-11.13	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

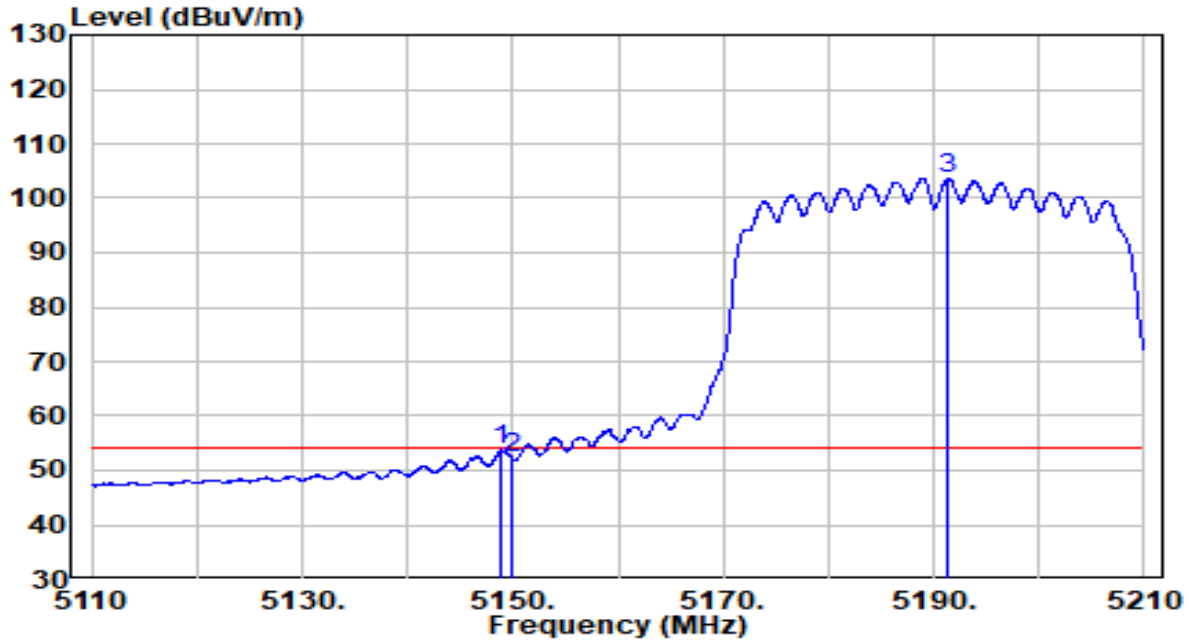


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.600	46.99	19.90	66.89	-7.11	74.00	Peak
2		5150.000	43.42	19.91	63.33	-10.67	74.00	Peak
3	*	5187.400	91.75	19.94	111.69	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

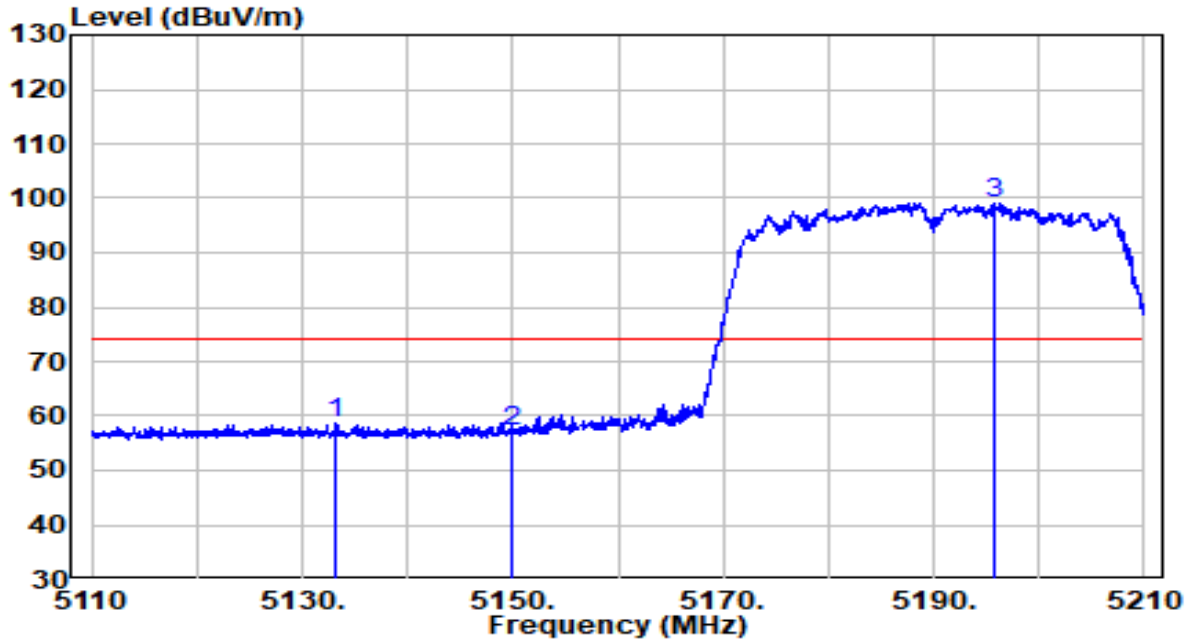


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5148.950	33.79	19.90	53.69	-0.31	54.00	Average
2		5150.000	32.23	19.91	52.13	-1.87	54.00	Average
3	*	5191.350	83.69	19.95	103.64	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

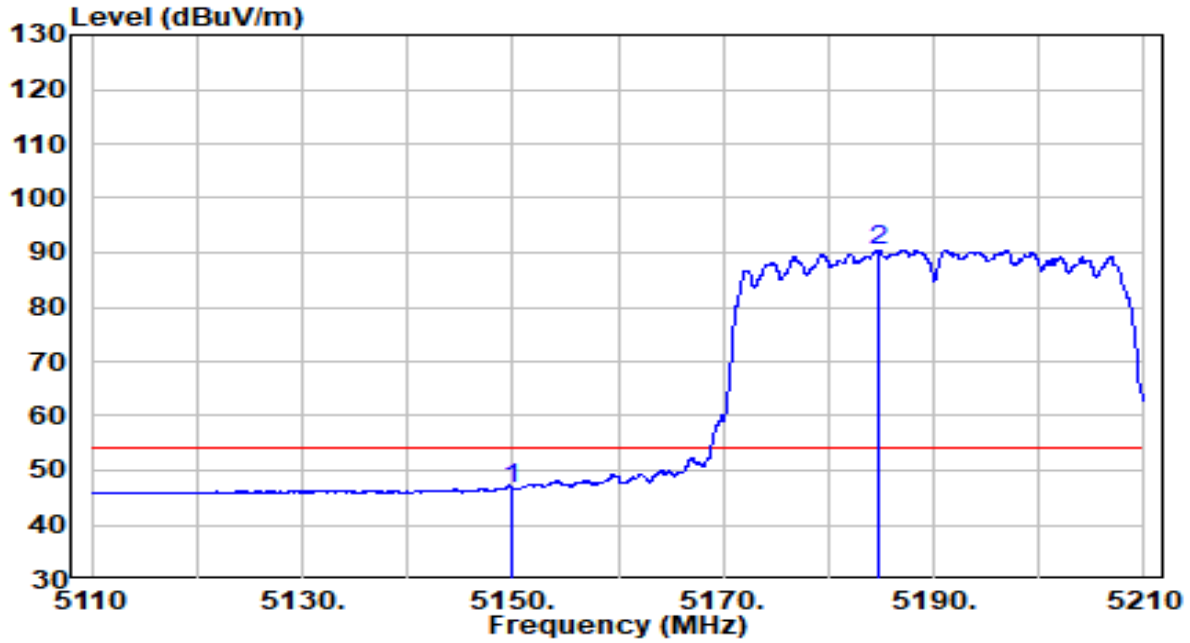


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5133.100	38.95	19.89	58.83	-15.17	74.00	Peak
2		5150.000	37.15	19.91	57.06	-16.94	74.00	Peak
3	*	5195.650	79.23	19.95	99.18	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5190MHz	Test Voltage	120V/60Hz

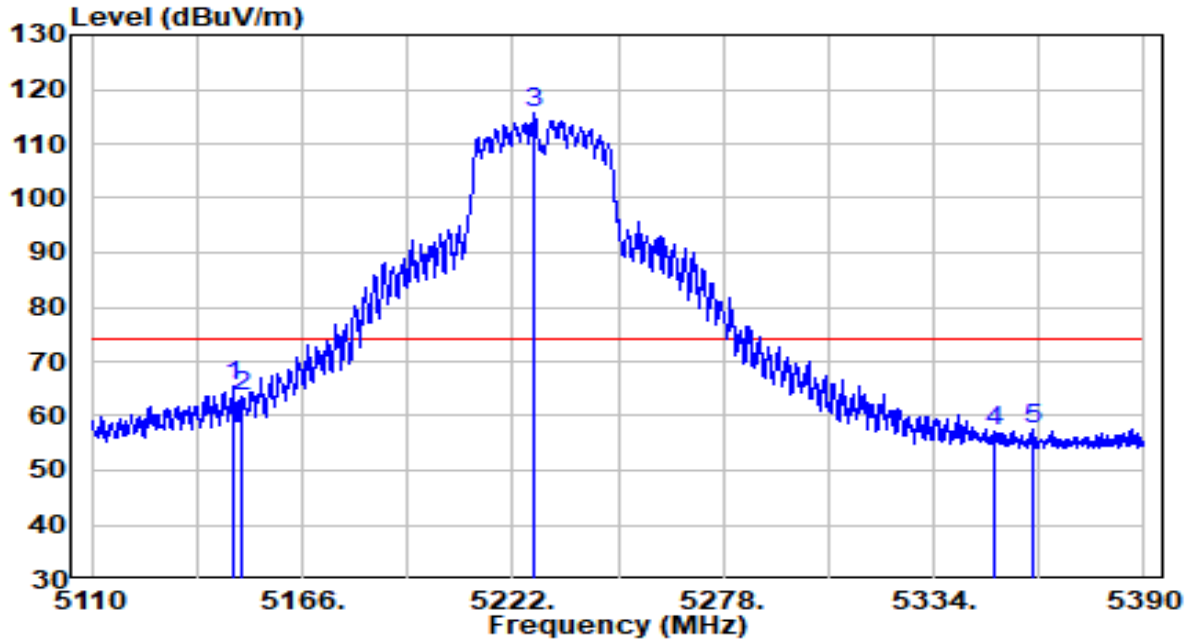


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5150.000	26.79	19.91	46.69	-7.31	54.00	Average
2	*	5184.650	70.55	19.94	90.50	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

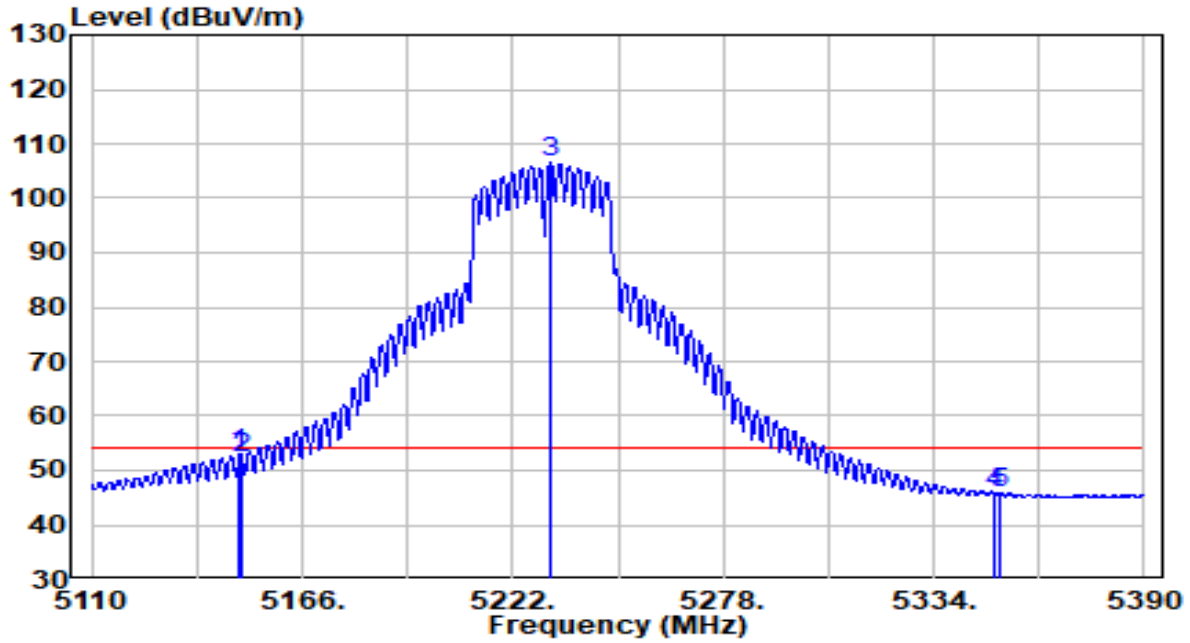


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5147.660	45.65	19.90	65.55	-8.45	74.00	Peak
2		5150.000	43.66	19.91	63.56	-10.44	74.00	Peak
3	*	5227.600	95.67	19.99	115.66	N/A	N/A	Peak
4		5350.000	37.21	20.11	57.32	-16.68	74.00	Peak
5		5360.180	37.56	20.12	57.69	-16.31	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

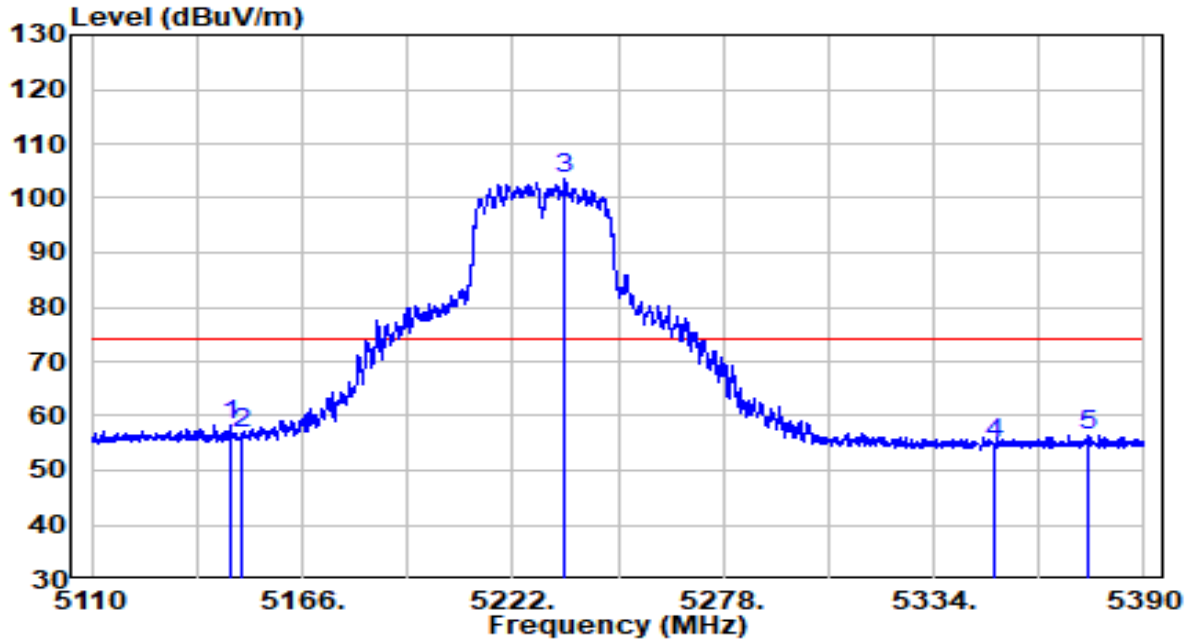


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.480	33.02	19.91	52.92	-1.08	54.00	Average
2		5150.000	32.35	19.91	52.26	-1.74	54.00	Average
3	*	5232.080	86.53	19.99	106.52	N/A	N/A	Average
4		5350.000	25.65	20.11	45.77	-8.23	54.00	Average
5		5351.920	25.85	20.12	45.96	-8.04	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

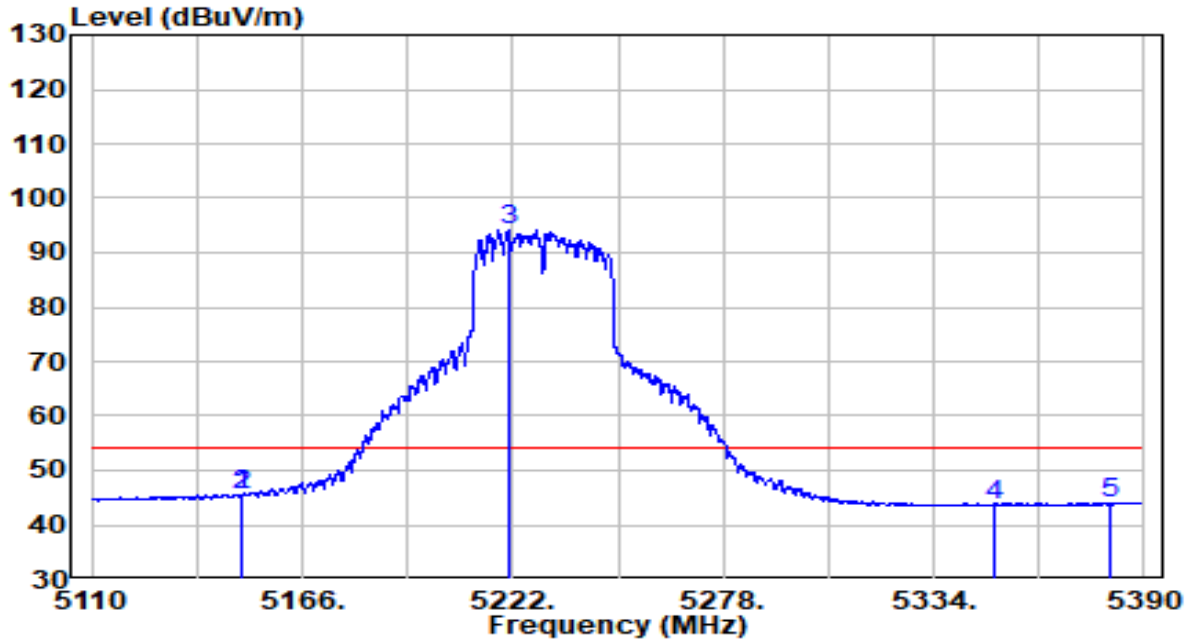


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5146.680	38.42	19.90	58.32	-15.68	74.00	Peak
2		5150.000	36.77	19.91	56.68	-17.32	74.00	Peak
3	*	5235.720	83.57	20.00	103.57	N/A	N/A	Peak
4		5350.000	34.70	20.11	54.81	-19.19	74.00	Peak
5		5375.300	36.26	20.14	56.41	-17.59	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5230MHz	Test Voltage	120V/60Hz

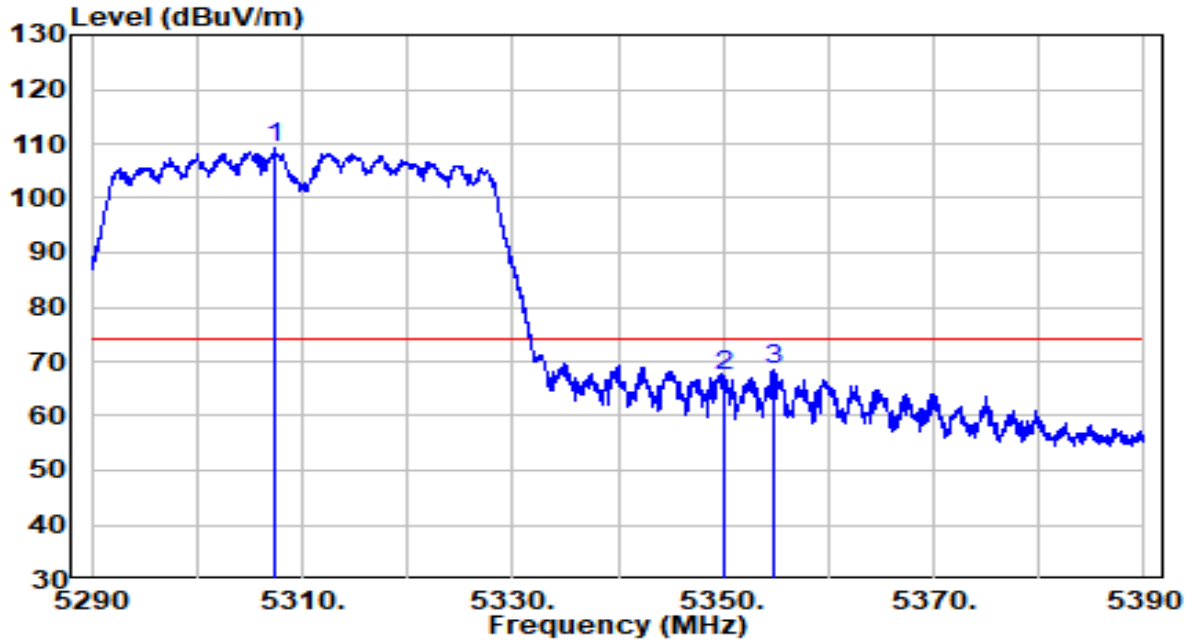


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5149.900	25.69	19.91	45.60	-8.40	54.00	Average
2		5150.000	25.67	19.91	45.57	-8.43	54.00	Average
3	*	5220.880	74.33	19.98	94.31	N/A	N/A	Average
4		5350.000	23.54	20.11	43.65	-10.35	54.00	Average
5		5381.040	23.80	20.15	43.95	-10.05	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

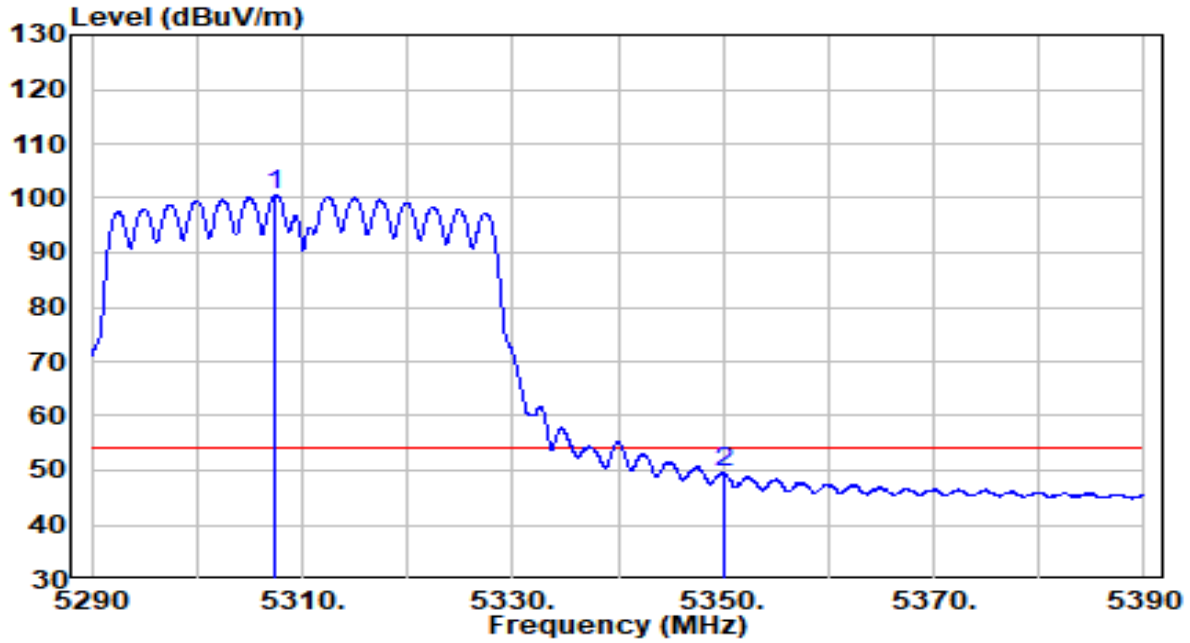


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5307.450	89.24	20.07	109.31	N/A	N/A	Peak
2		5350.000	47.28	20.11	67.40	-6.60	74.00	Peak
3		5354.700	48.35	20.12	68.46	-5.54	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

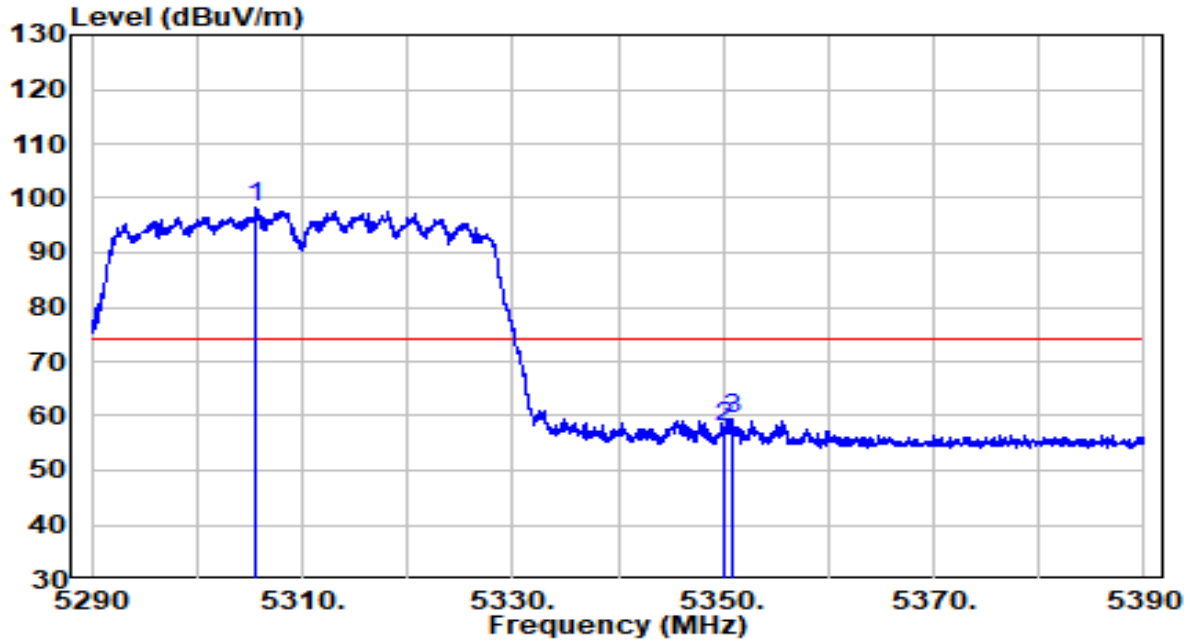


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5307.500	80.39	20.07	100.46	N/A	N/A	Average
2		5350.000	29.35	20.11	49.46	-4.54	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

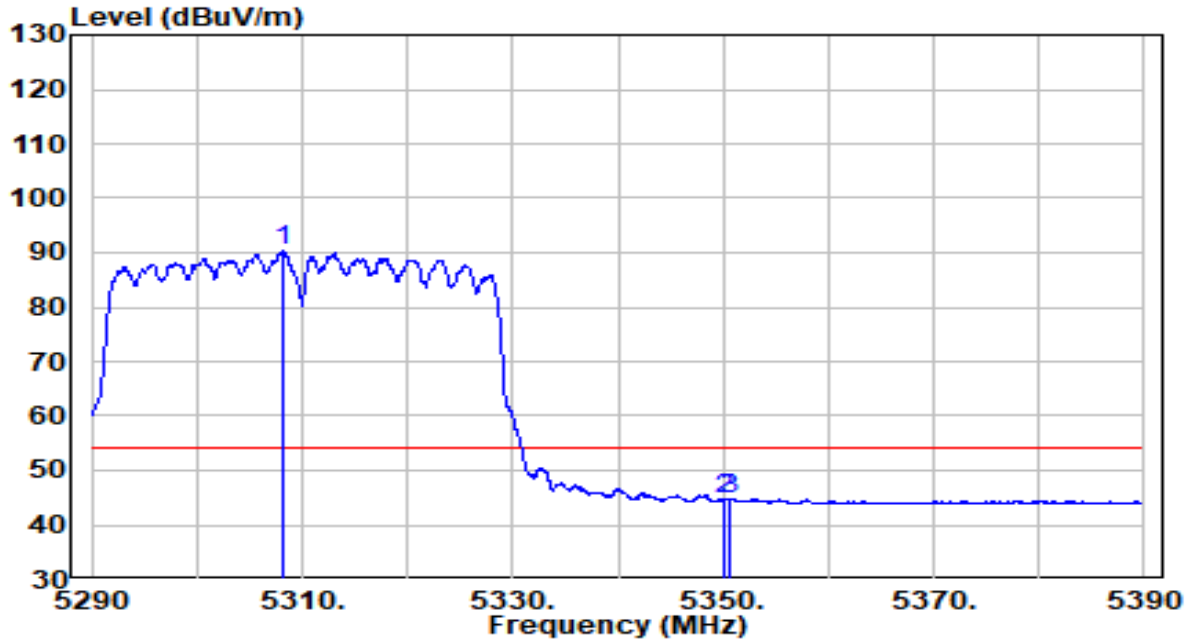


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5305.500	78.13	20.07	98.19	N/A	N/A	Peak
2		5350.000	38.00	20.11	58.11	-15.89	74.00	Peak
3		5350.900	39.34	20.11	59.45	-14.55	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5310MHz	Test Voltage	120V/60Hz

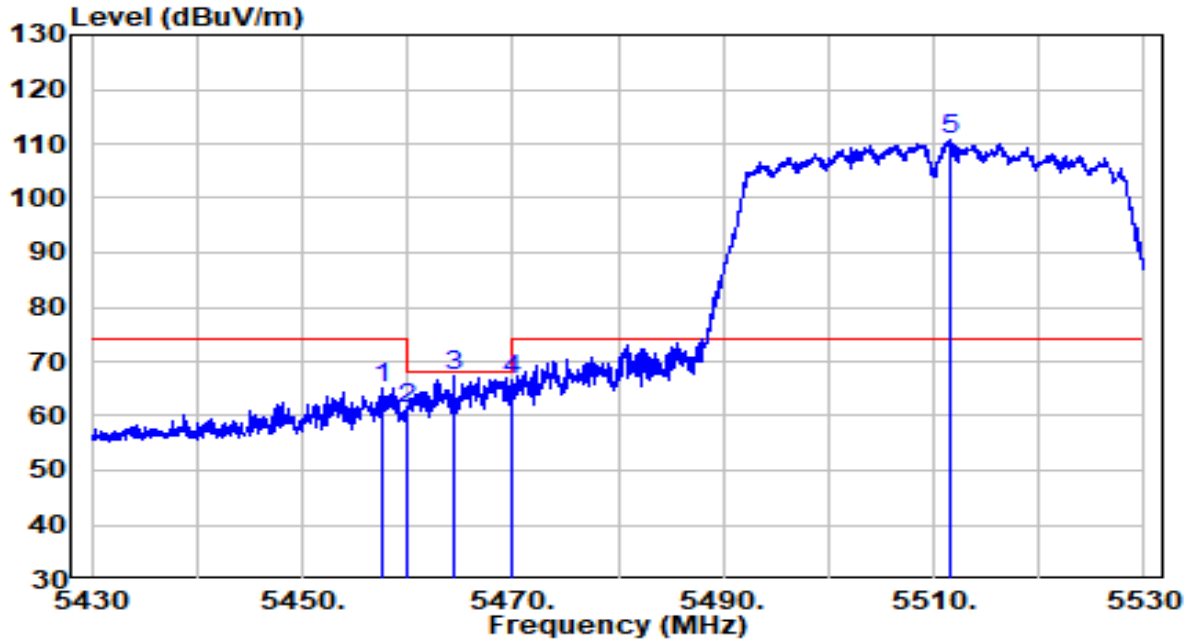


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5308.150	70.13	20.07	90.20	N/A	N/A	Average
2		5350.000	24.52	20.11	44.64	-9.36	54.00	Average
3		5350.700	24.71	20.11	44.83	-9.17	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

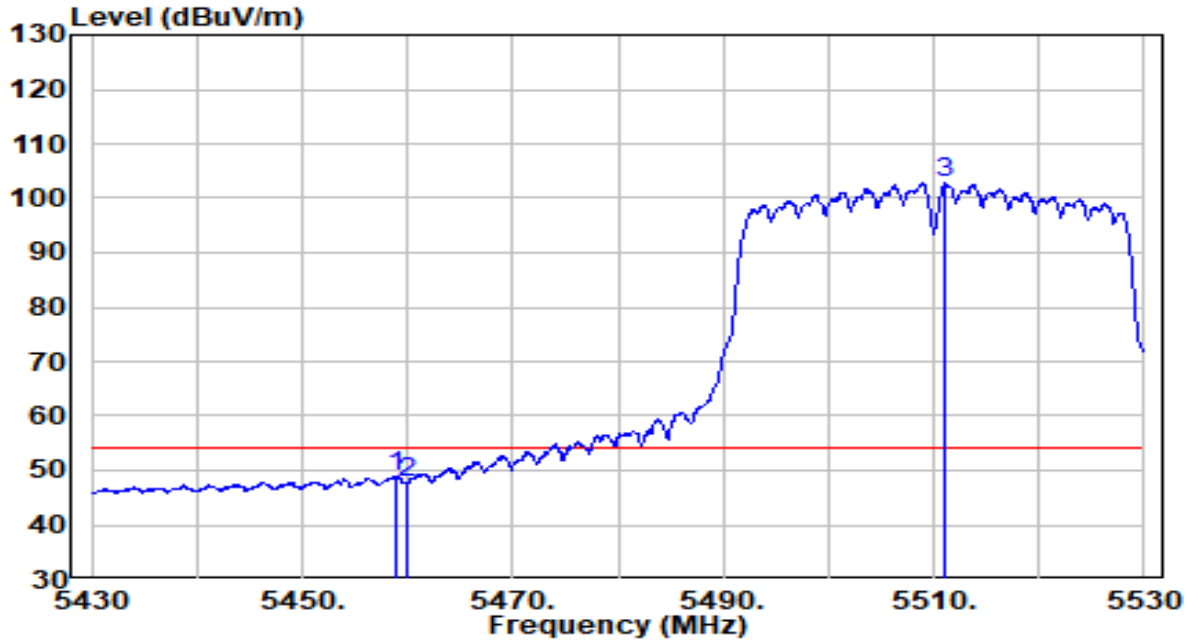


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5457.650	44.89	20.23	65.11	-8.89	74.00	Peak
2		5460.000	41.04	20.23	61.26	-6.94	68.20	Peak
3		5464.450	47.00	20.23	67.23	-0.97	68.20	Peak
4		5470.000	46.36	20.24	66.60	-1.60	68.20	Peak
5	*	5511.500	90.31	20.31	110.62	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

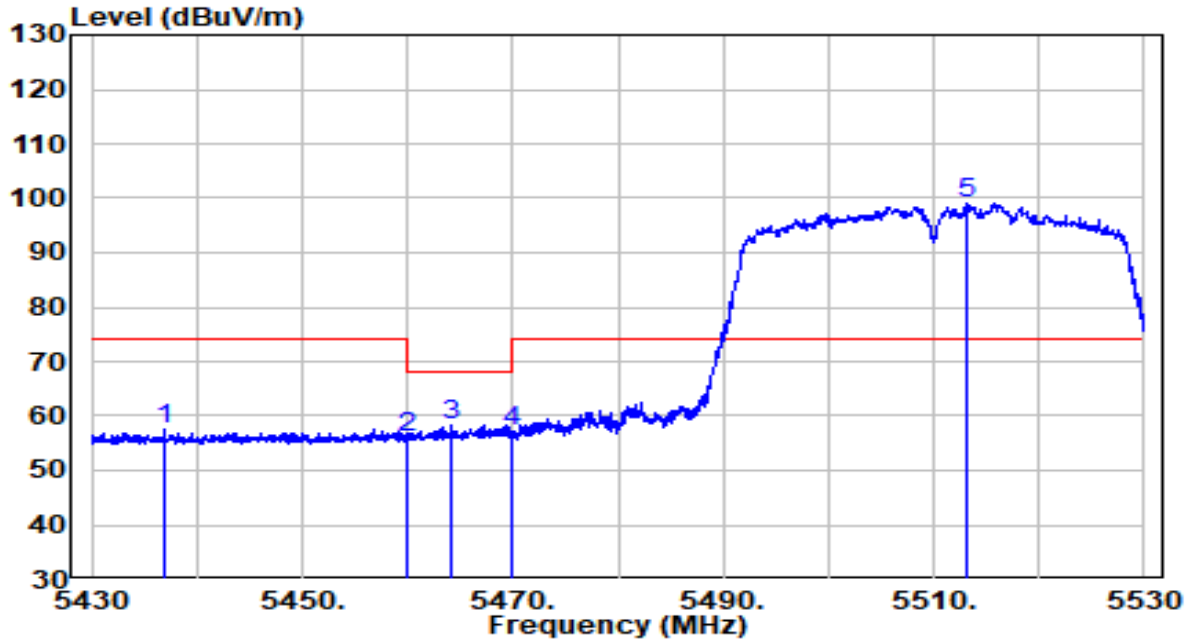


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5458.950	28.78	20.23	49.01	-4.99	54.00	Average
2		5460.000	27.45	20.23	47.68	-6.32	54.00	Average
3	*	5511.150	82.38	20.31	102.69	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

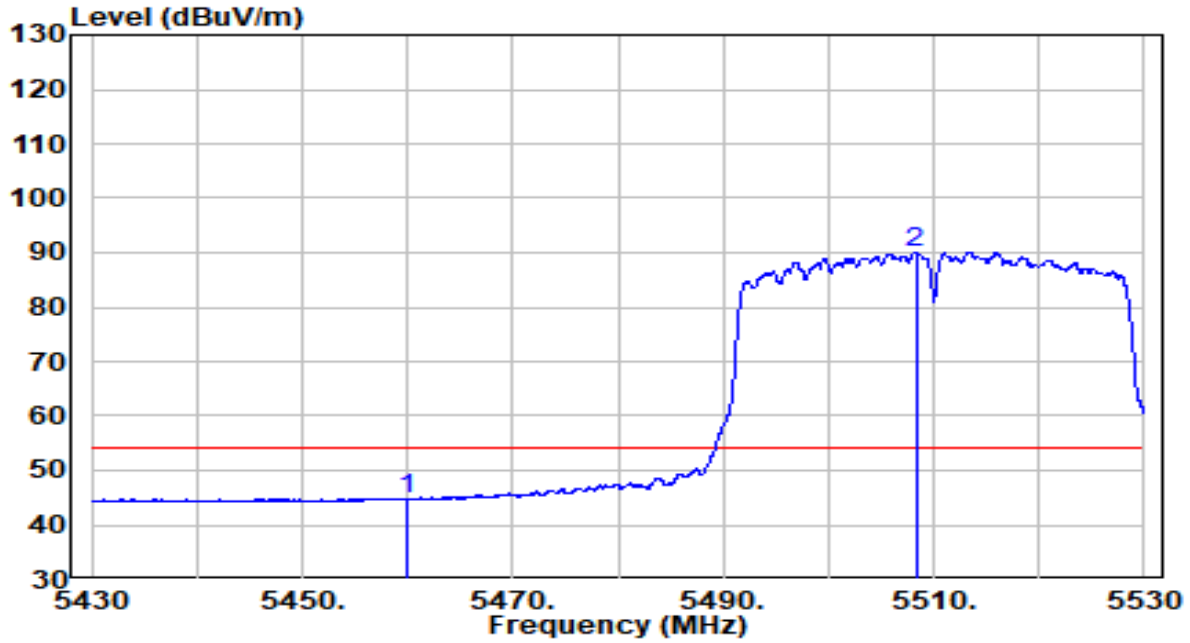


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5436.850	37.50	20.20	57.71	-16.29	74.00	Peak
2		5460.000	35.84	20.23	56.06	-12.14	68.20	Peak
3		5464.250	38.16	20.23	58.39	-9.81	68.20	Peak
4		5470.000	37.01	20.24	57.25	-10.95	68.20	Peak
5	*	5513.150	78.64	20.31	98.96	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5510MHz	Test Voltage	120V/60Hz

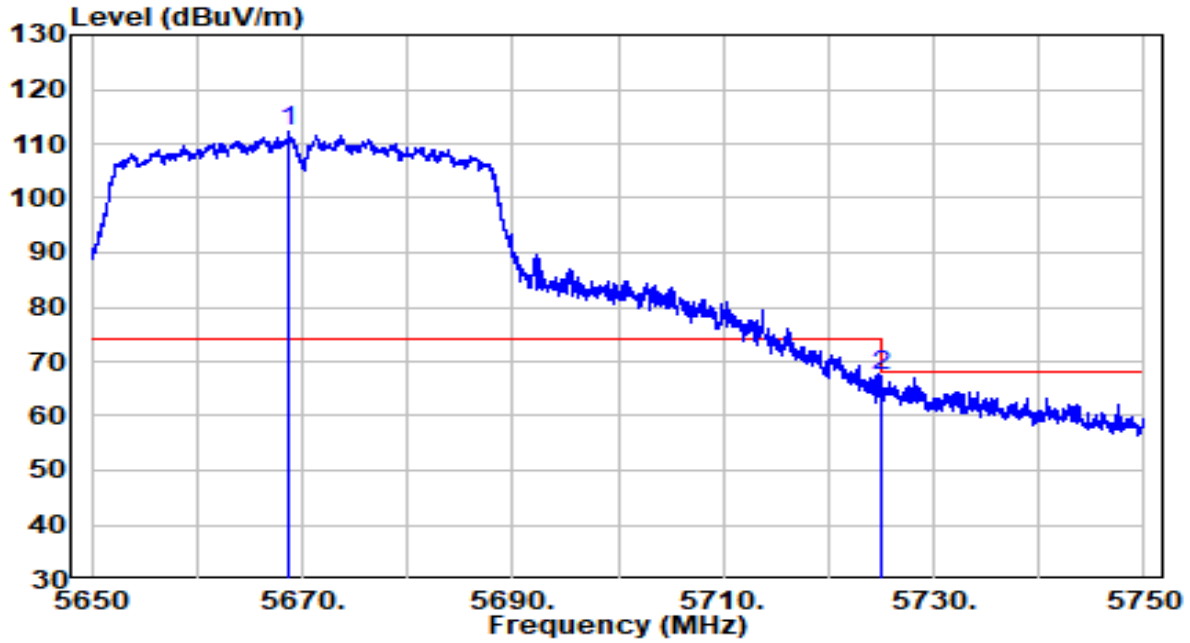


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	24.46	20.23	44.69	-9.31	54.00	Average
2	*	5508.300	69.86	20.30	90.16	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	120V/60Hz

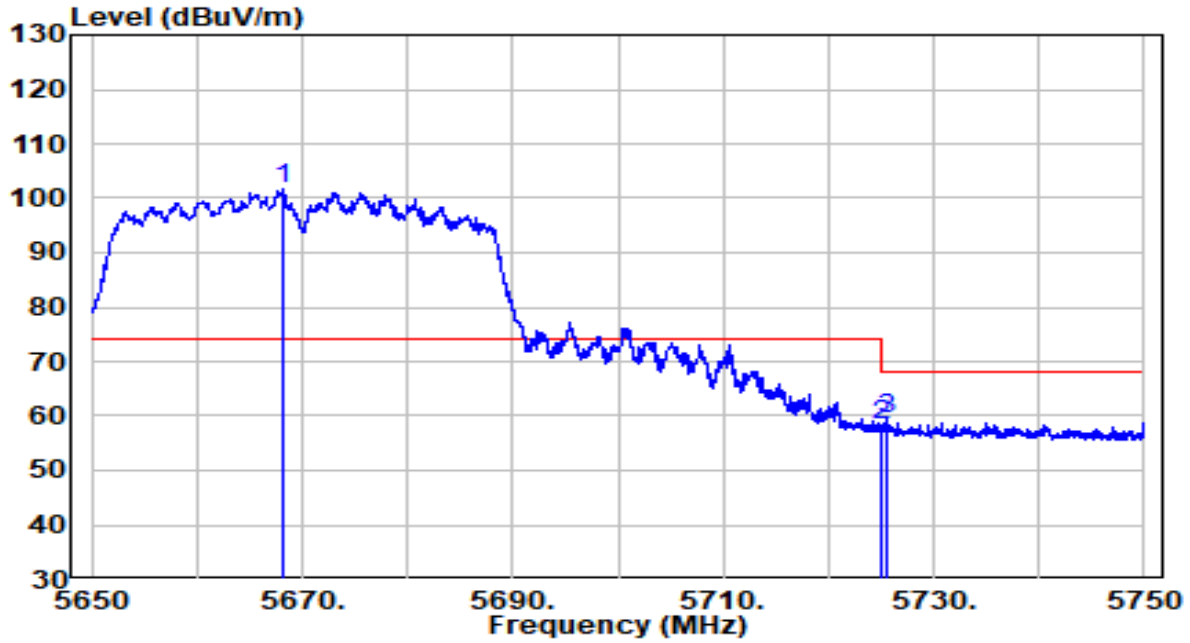


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5668.800	91.38	20.82	112.20	N/A	N/A	Peak
2		5725.000	46.21	21.00	67.21	-0.99	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5670MHz	Test Voltage	120V/60Hz

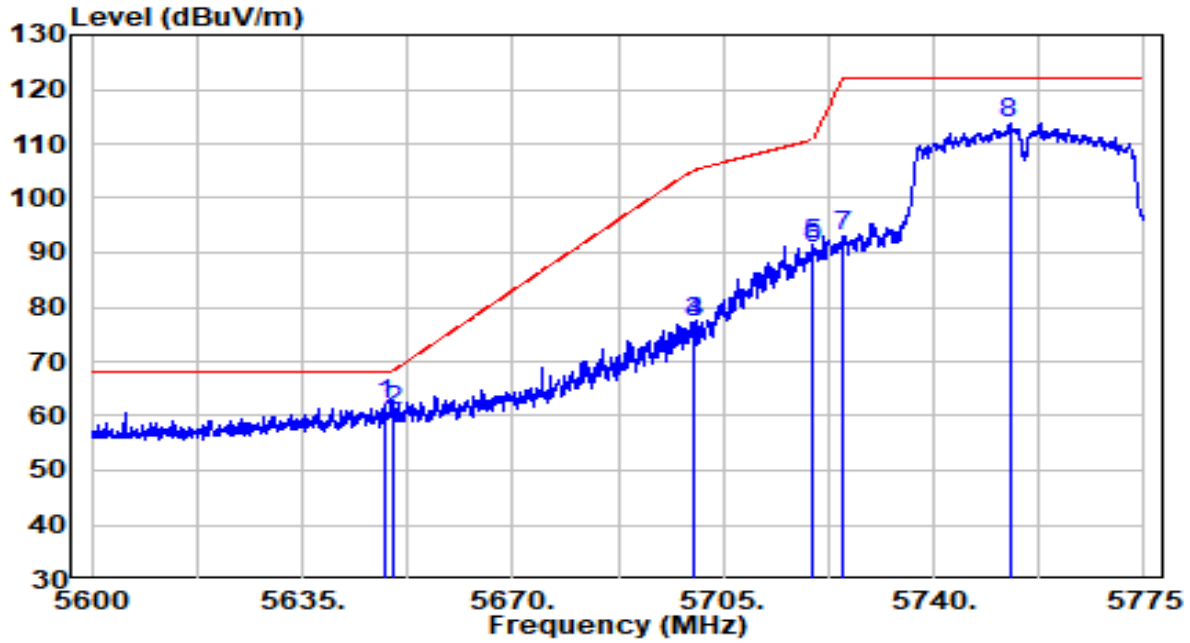


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5668.100	80.71	20.81	101.52	N/A	N/A	Peak
2		5725.000	37.21	21.00	58.21	-9.99	68.20	Peak
3		5725.450	38.25	21.00	59.25	-8.95	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	Test Voltage	120V/60Hz

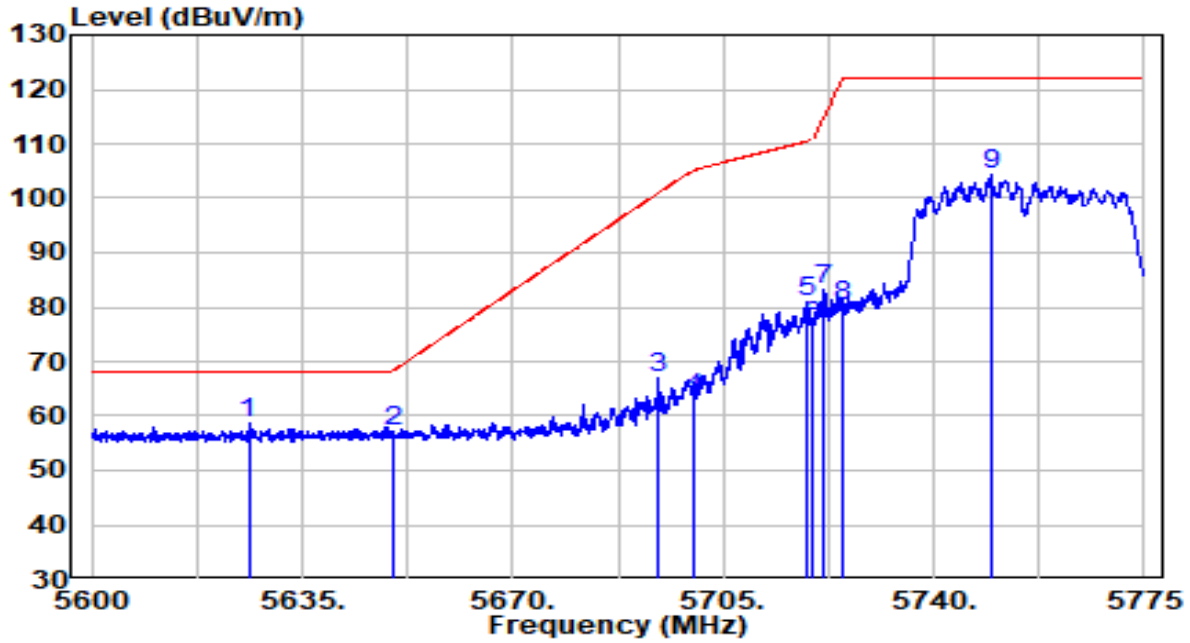


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5648.650	41.35	20.75	62.10	-6.10	68.20	Peak
2		5650.000	40.36	20.76	61.12	-7.08	68.20	Peak
3		5699.925	56.22	20.92	77.14	-28.01	105.14	Peak
4		5700.000	56.18	20.92	77.10	-28.10	105.20	Peak
5		5719.875	70.49	20.98	91.47	-19.30	110.77	Peak
6		5720.000	69.89	20.98	90.87	-19.93	110.80	Peak
7		5725.000	71.96	21.00	92.96	-29.24	122.20	Peak
8		5752.600	92.75	21.09	113.84	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5755MHz	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	*	5626.075	38.04	20.68	58.71	-9.49	68.20	Peak
2		5650.000	36.38	20.76	57.13	-11.07	68.20	Peak
3		5694.237	45.94	20.90	66.84	-34.11	100.95	Peak
4		5700.000	42.42	20.92	63.33	-41.87	105.20	Peak
5		5718.825	60.00	20.98	80.98	-29.49	110.47	Peak
6		5720.000	55.38	20.98	76.37	-34.43	110.80	Peak
7		5721.538	62.22	20.99	83.20	-31.10	114.31	Peak
8		5725.000	59.07	21.00	80.07	-42.13	122.20	Peak
9		5749.450	83.12	21.08	104.20	N/A	N/A	Peak

Note:

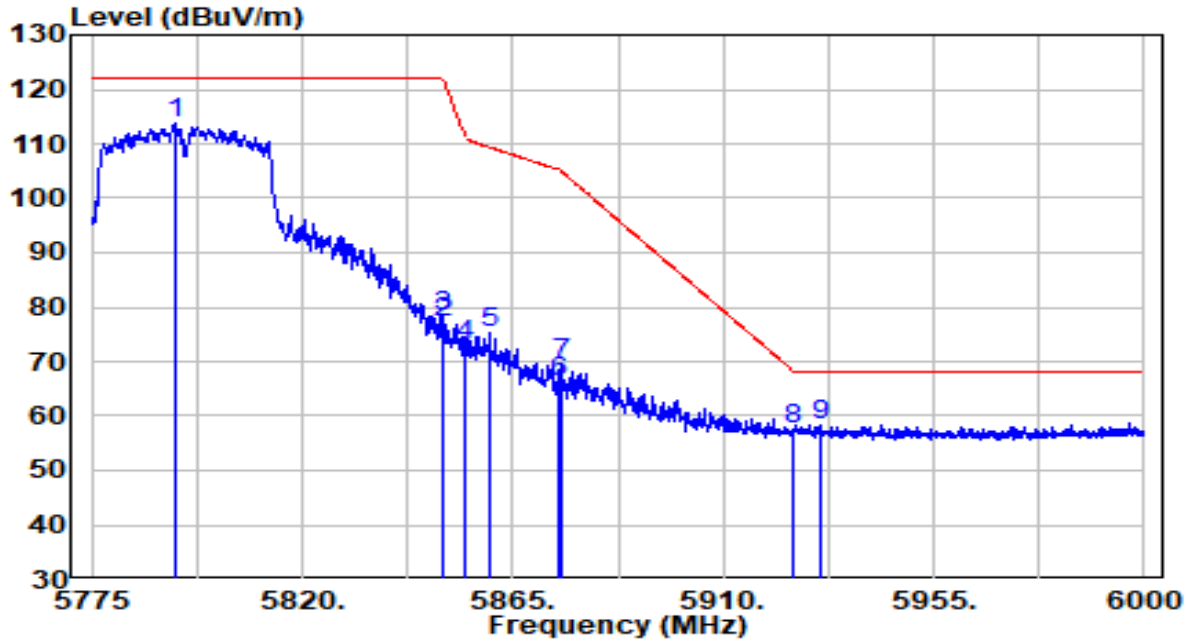
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	120V/60Hz

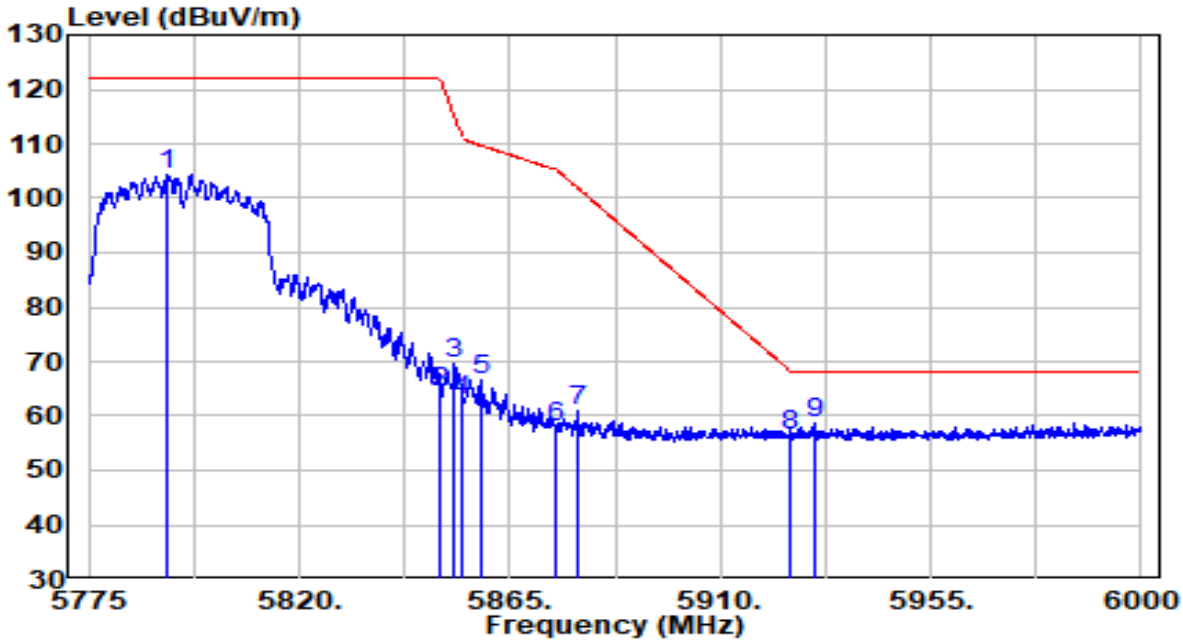


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5793.000	92.72	21.22	113.94	N/A	N/A	Peak
2		5850.000	55.92	21.40	77.32	-44.88	122.20	Peak
3		5850.150	56.92	21.40	78.32	-43.54	121.86	Peak
4		5855.000	51.69	21.42	73.11	-37.69	110.80	Peak
5		5859.938	53.88	21.44	75.32	-34.10	109.42	Peak
6		5875.000	44.90	21.49	66.39	-38.81	105.20	Peak
7		5875.350	48.25	21.49	69.74	-35.20	104.94	Peak
8		5925.000	35.71	21.65	57.36	-10.84	68.20	Peak
9		5930.587	36.76	21.67	58.43	-9.77	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	22.4°C/15%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by 802.11ac-VHT40 at Channel 5795MHz	Test Voltage	120V/60Hz

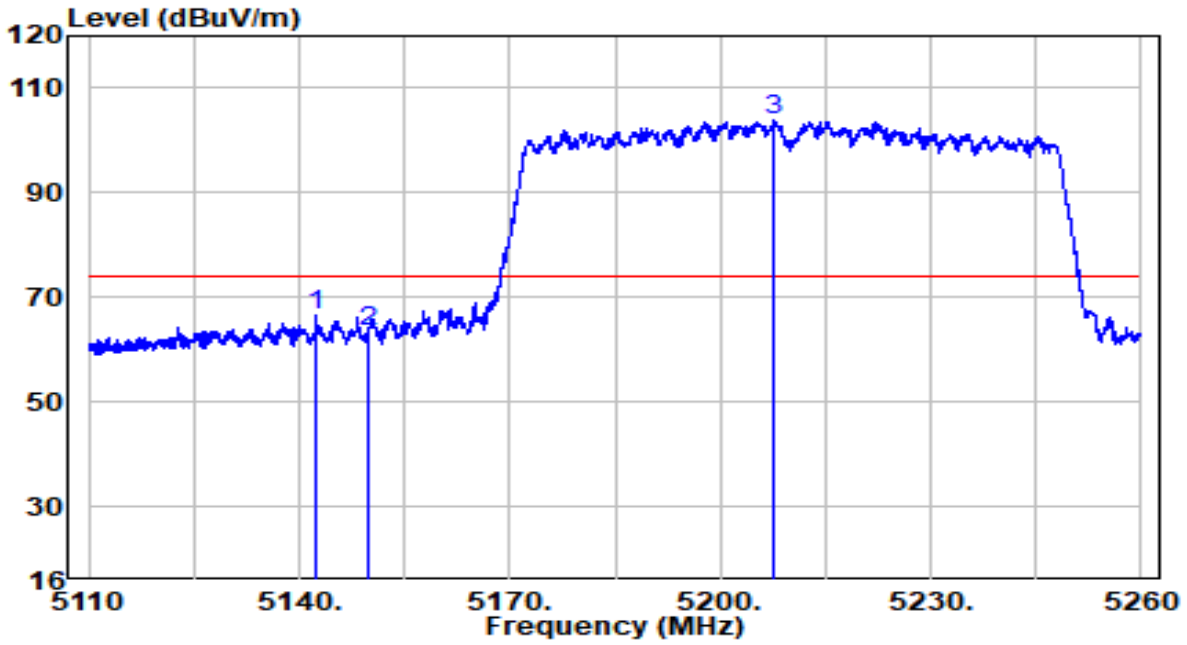


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5791.987	82.99	21.22	104.21	N/A	N/A	Peak
2		5850.000	43.08	21.40	64.48	-57.72	122.20	Peak
3		5853.300	48.34	21.41	69.75	-44.92	114.68	Peak
4		5855.000	41.47	21.42	62.89	-47.91	110.80	Peak
5		5858.700	45.31	21.43	66.74	-43.02	109.76	Peak
6		5875.000	36.59	21.49	58.07	-47.13	105.20	Peak
7		5879.288	39.61	21.50	61.11	-40.91	102.01	Peak
8		5925.000	34.61	21.65	56.26	-11.94	68.20	Peak
9	*	5930.475	36.90	21.66	58.56	-9.64	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac-VHT80 at Channel 5210MHz	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		5142.550	46.71	19.90	66.61	-7.39	74.00	Peak
2		5150.000	43.72	19.91	63.63	-10.37	74.00	Peak
3	*	5207.650	83.92	19.97	103.89	N/A	N/A	Peak

Note:

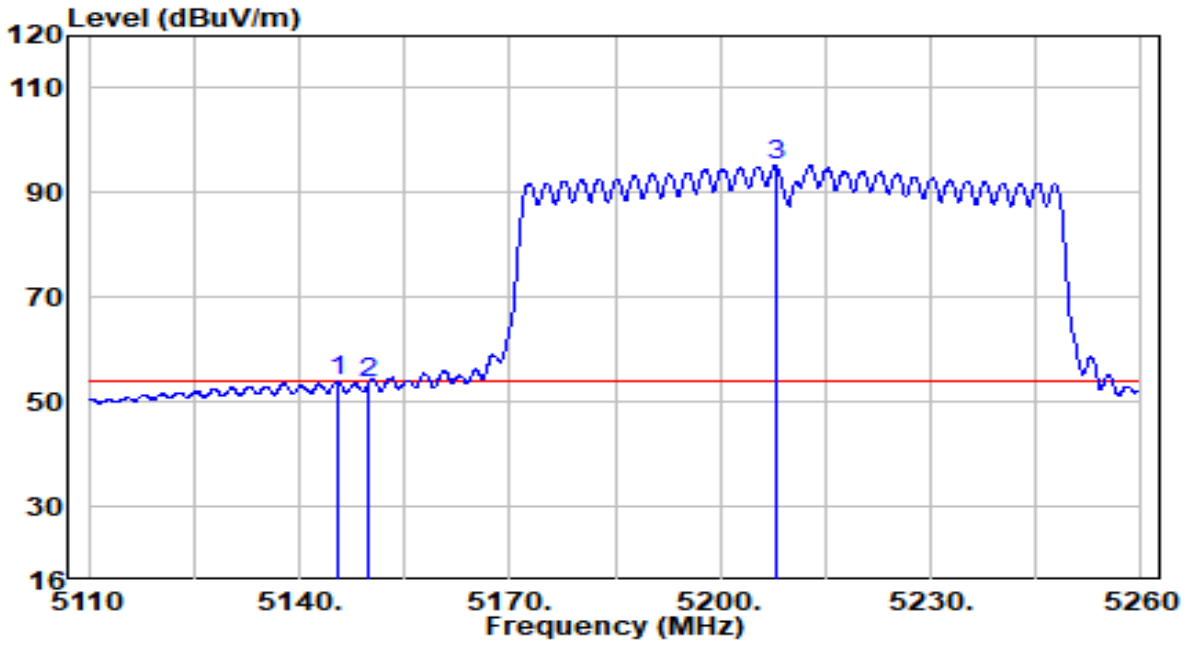
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac-VHT80 at Channel 5210MHz	Test Voltage	120V/60Hz

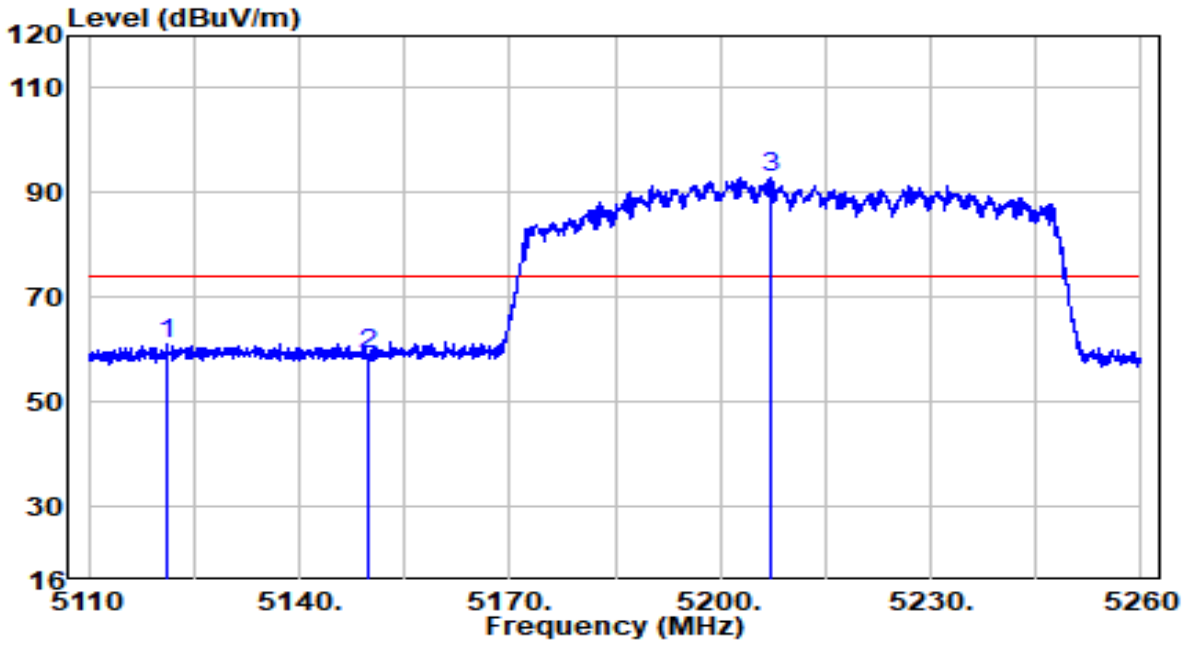


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5145.475	34.06	19.90	53.96	-0.04	54.00	Average
2		5150.000	33.94	19.91	53.84	-0.16	54.00	Average
3	*	5207.950	75.25	19.97	95.21	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5210MHz	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		5121.100	41.26	19.88	61.13	-12.87	74.00	Peak
2		5150.000	39.46	19.91	59.36	-14.64	74.00	Peak
3	*	5207.275	72.99	19.97	92.95	N/A	N/A	Peak

Note:

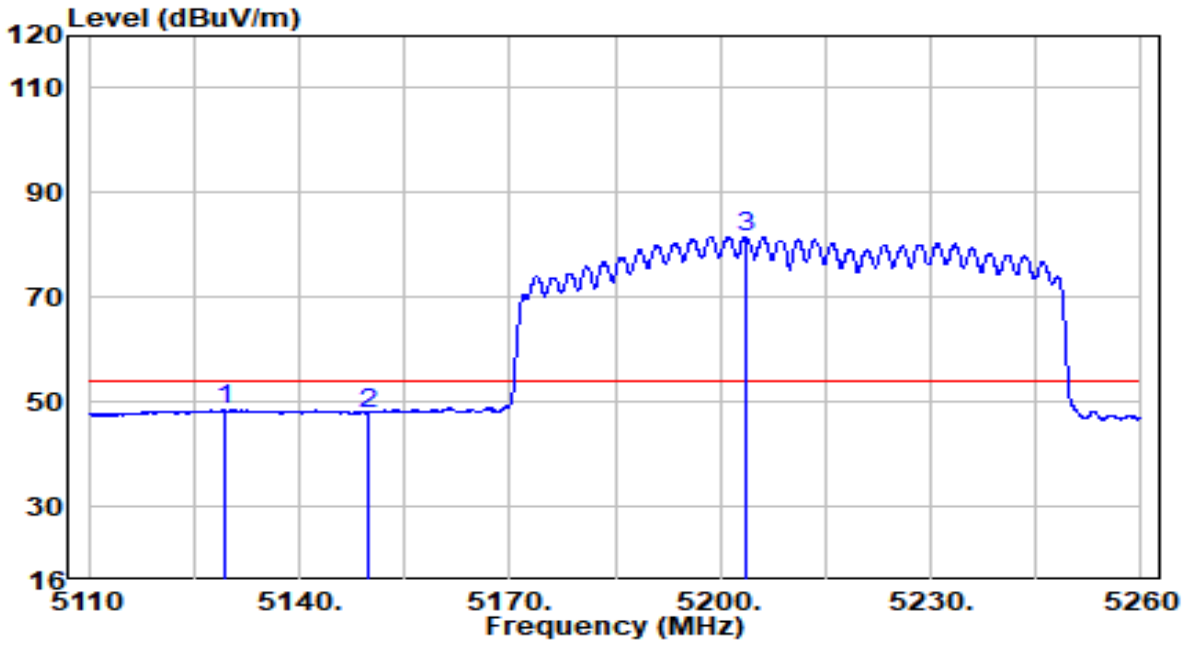
1. " *", means this data is the worst emission level.

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5210MHz	Test Voltage	120V/60Hz

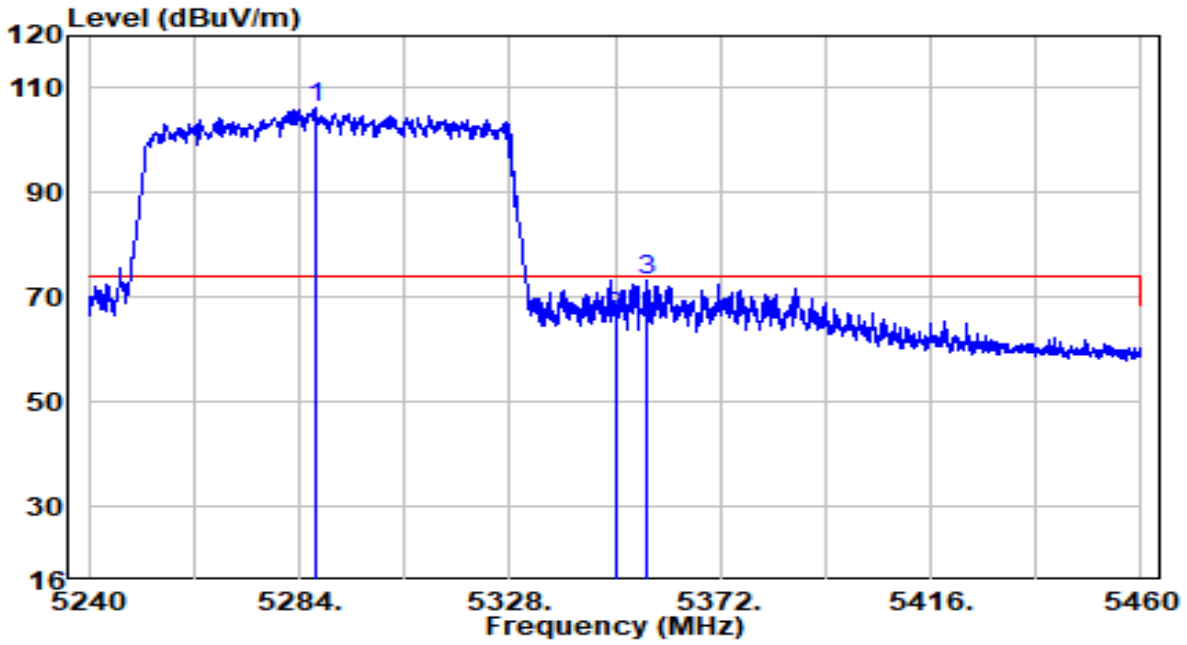


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5129.350	28.58	19.88	48.47	-5.53	54.00	Average
2		5150.000	28.02	19.91	47.93	-6.07	54.00	Average
3	*	5203.525	61.75	19.96	81.71	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

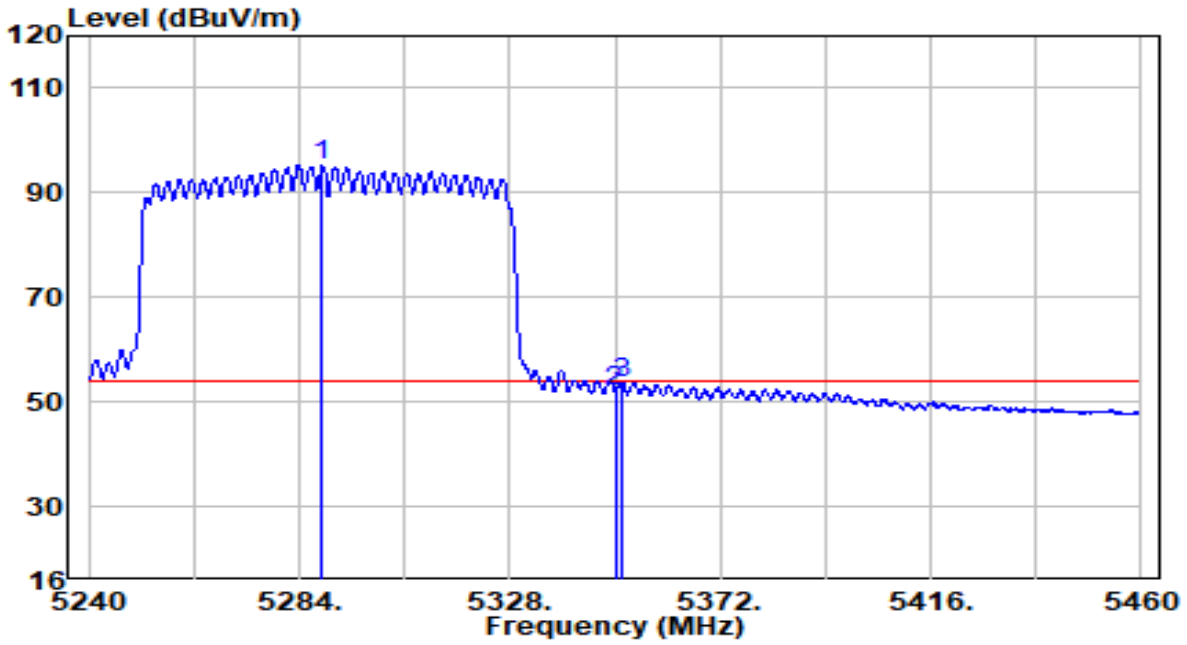


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5287.300	86.06	20.05	106.10	N/A	N/A	Peak
2		5350.000	46.05	20.11	66.17	-7.83	74.00	Peak
3		5356.380	53.16	20.12	73.28	-0.72	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

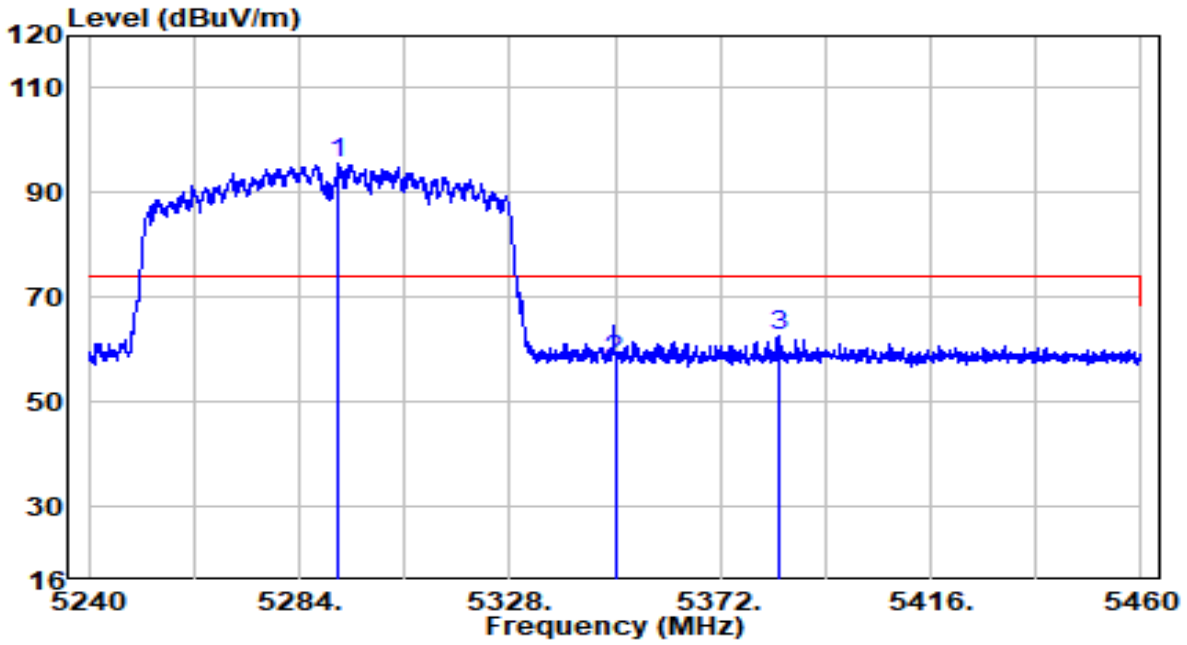


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5288.840	75.05	20.05	95.10	N/A	N/A	Average
2		5350.000	32.03	20.11	52.14	-1.86	54.00	Average
3		5351.430	33.75	20.12	53.87	-0.13	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

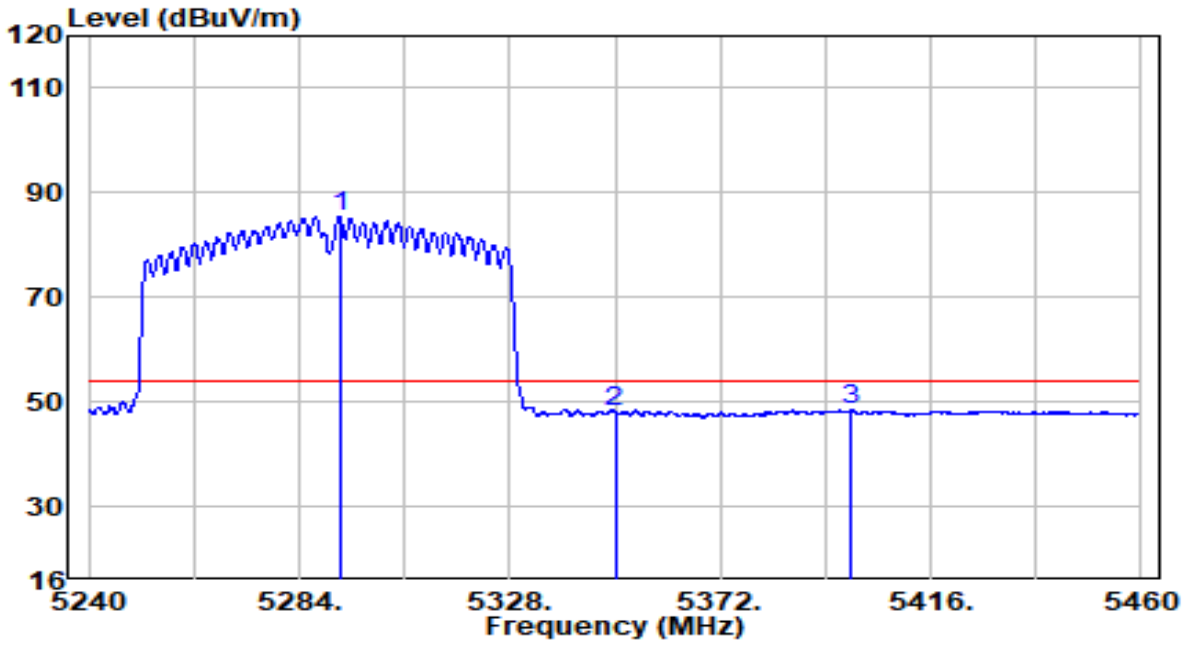


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5292.140	75.46	20.05	95.51	N/A	N/A	Peak
2		5350.000	37.98	20.11	58.09	-15.91	74.00	Peak
3		5384.430	42.48	20.15	62.63	-11.37	74.00	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5290MHz	Test Voltage	120V/60Hz

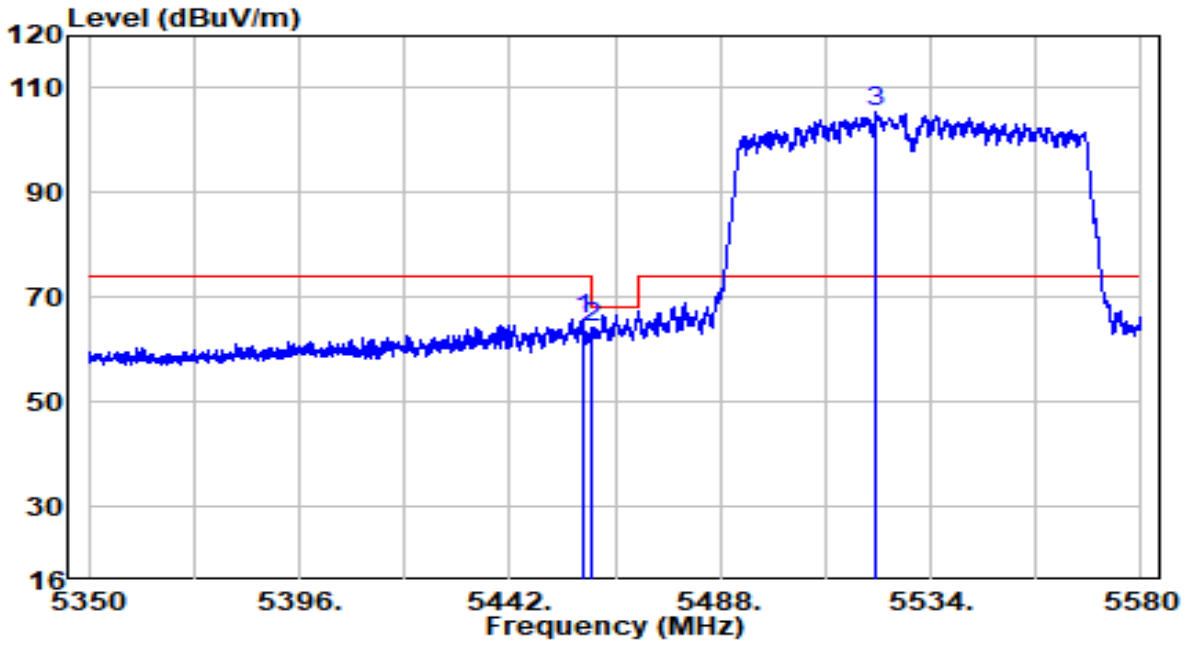


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5292.470	65.50	20.05	85.55	N/A	N/A	Average
2		5350.000	28.22	20.11	48.34	-5.66	54.00	Average
3		5399.500	28.26	20.17	48.43	-5.57	54.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

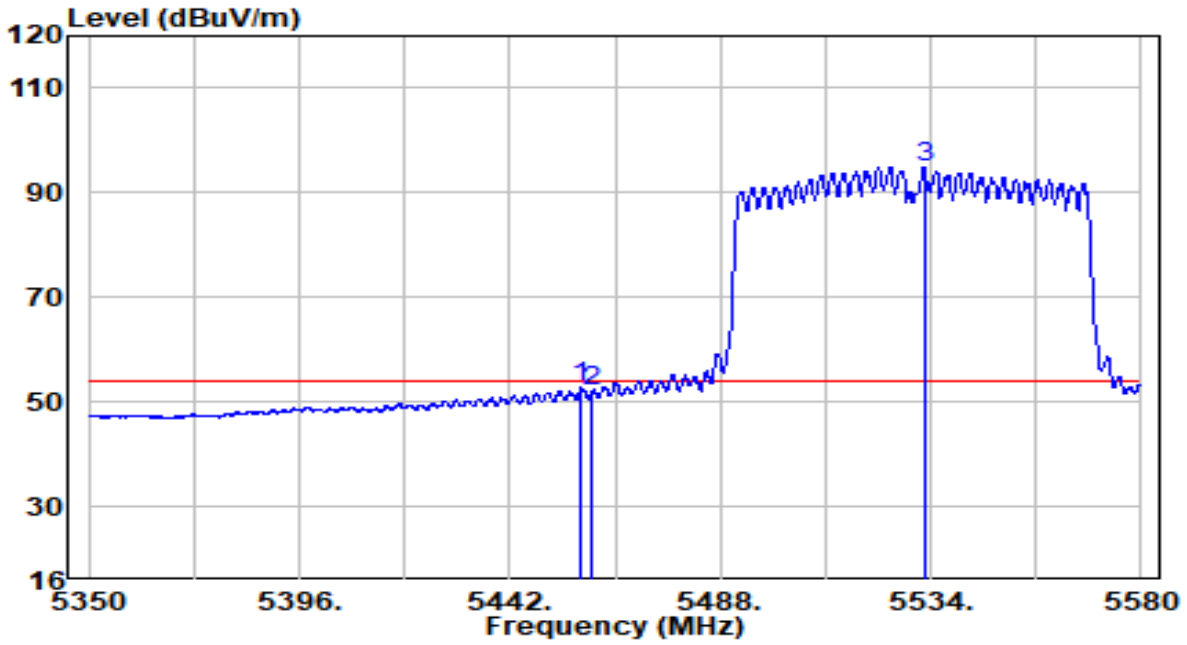


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5457.985	45.55	20.23	65.78	-8.22	74.00	Peak
2		5460.000	44.12	20.23	64.35	-3.85	68.20	Peak
3	*	5522.040	84.96	20.34	105.30	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

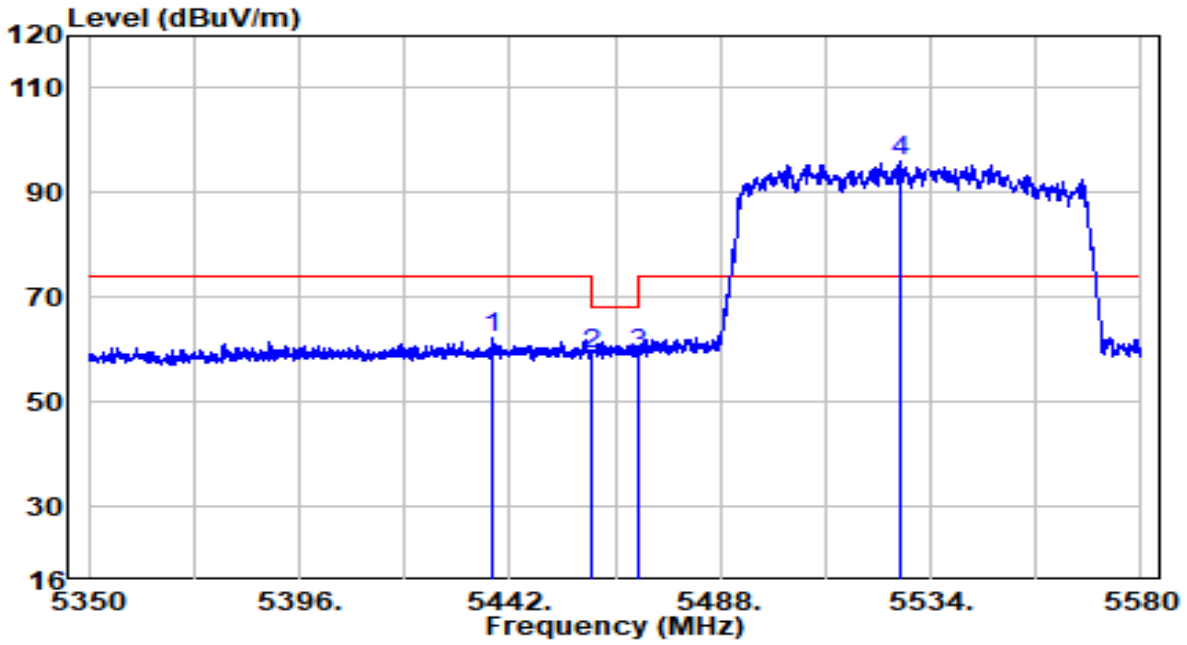


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5457.525	32.49	20.23	52.72	-1.28	54.00	Average
2		5460.000	31.97	20.23	52.20	-1.80	54.00	Average
3	*	5532.620	74.64	20.38	95.02	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

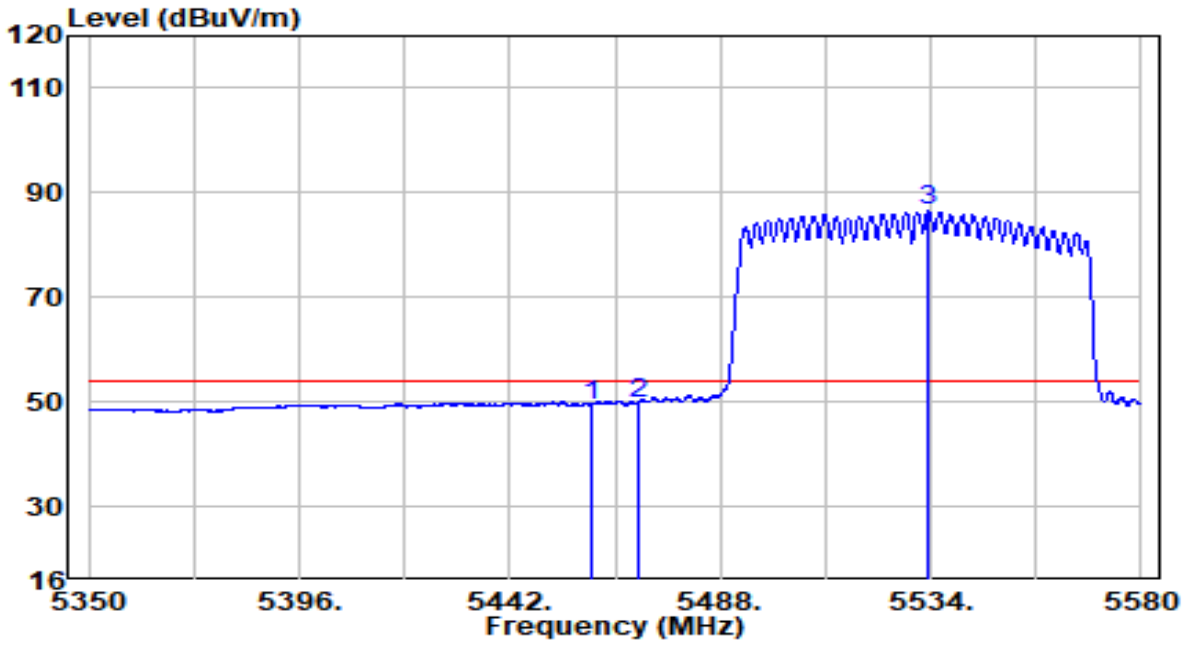


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5438.090	42.07	20.21	62.27	-11.73	74.00	Peak
2		5460.000	39.02	20.23	59.25	-8.95	68.20	Peak
3		5470.000	38.86	20.24	59.10	-9.10	68.20	Peak
4	*	5527.100	75.64	20.36	95.99	N/A	N/A	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5530MHz	Test Voltage	120V/60Hz

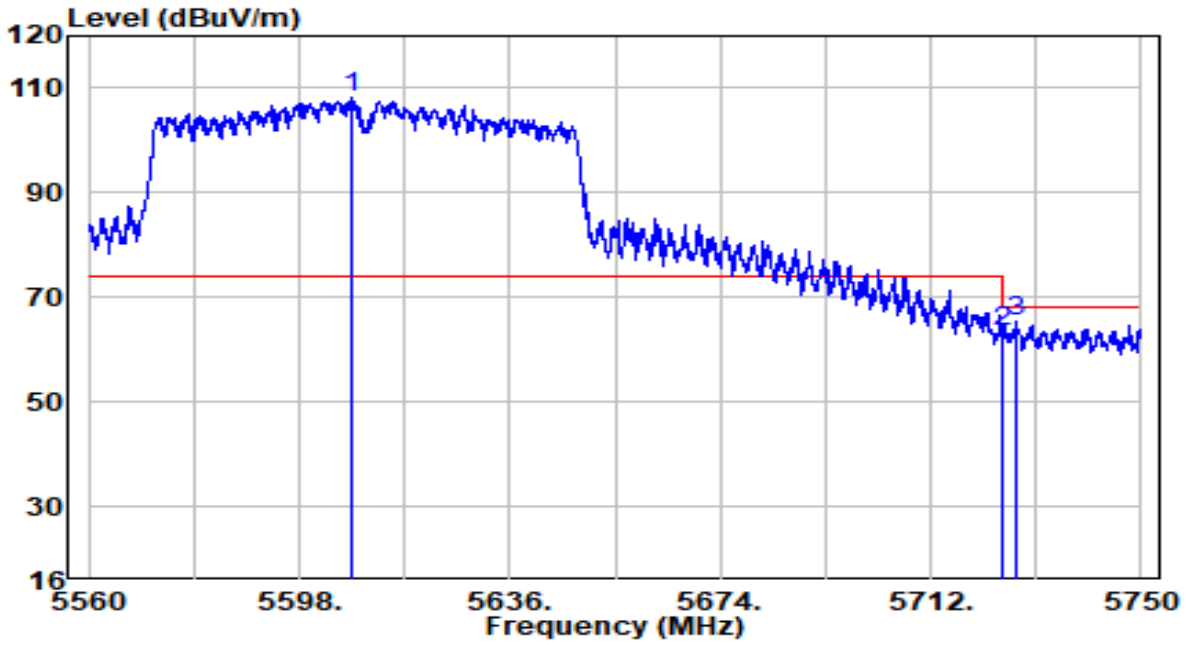


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5460.000	29.11	20.23	49.34	-4.66	54.00	Average
2		5470.000	29.63	20.24	49.86	-4.14	54.00	Average
3	*	5533.655	66.09	20.38	86.47	N/A	N/A	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5610MHz	Test Voltage	120V/60Hz

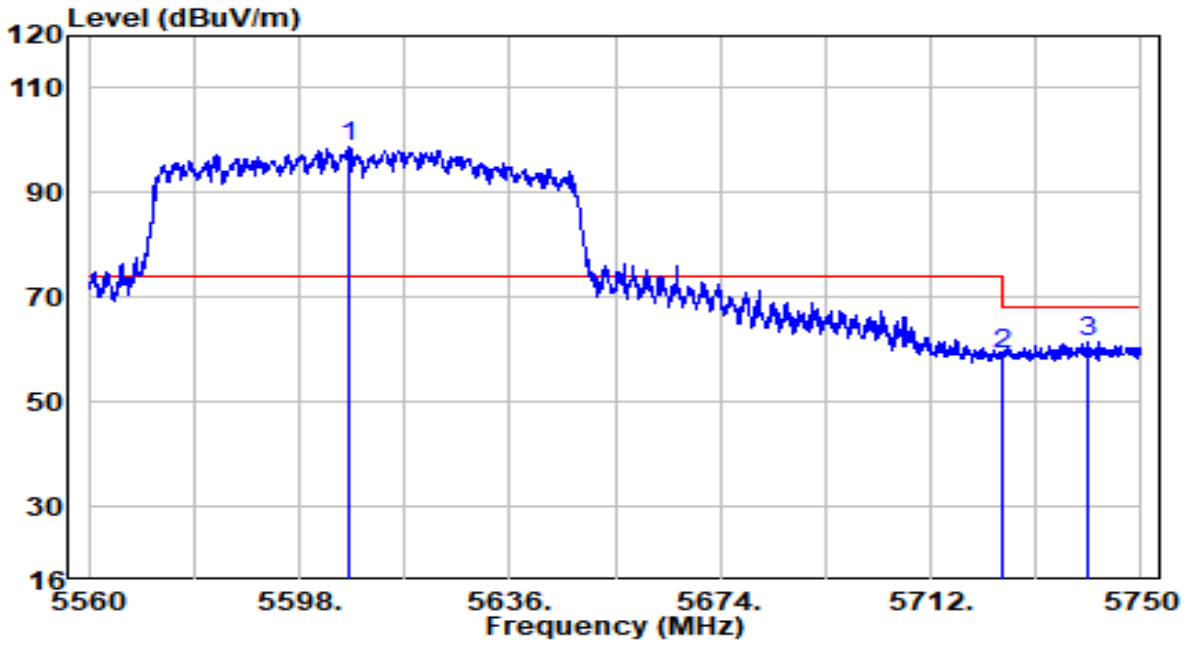


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5607.690	87.42	20.62	108.04	N/A	N/A	Peak
2		5725.000	42.36	21.00	63.36	-4.84	68.20	Peak
3		5727.390	44.63	21.01	65.63	-2.57	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5610MHz	Test Voltage	120V/60Hz

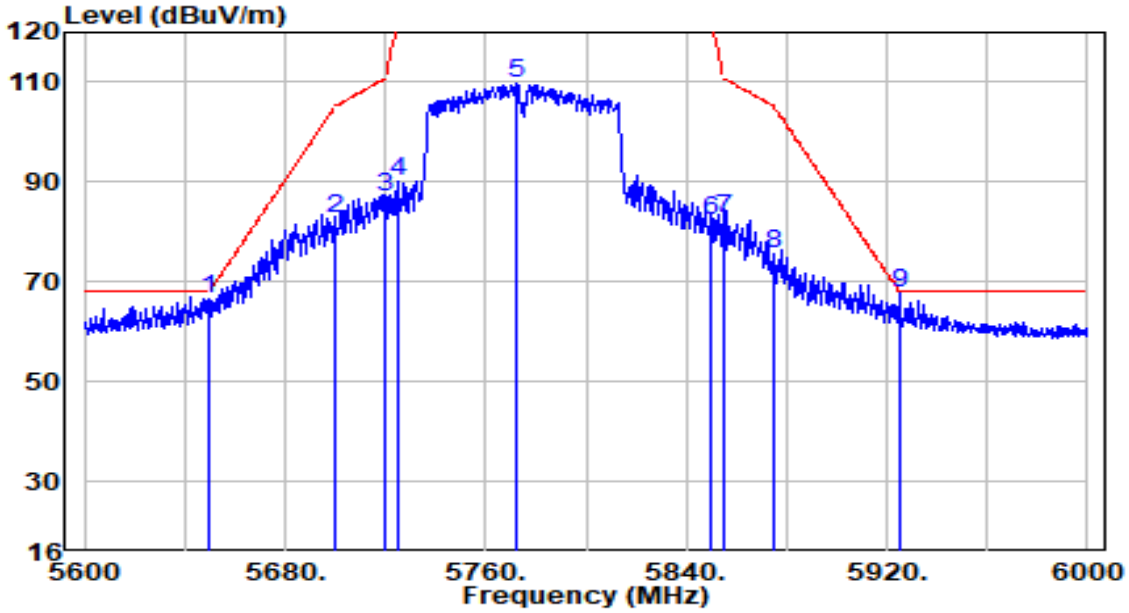


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	5607.025	78.09	20.62	98.71	N/A	N/A	Peak
2		5725.000	38.08	21.00	59.08	-9.12	68.20	Peak
3		5740.405	40.39	21.05	61.44	-6.76	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Horizontal	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5775MHz	Test Voltage	120V/60Hz

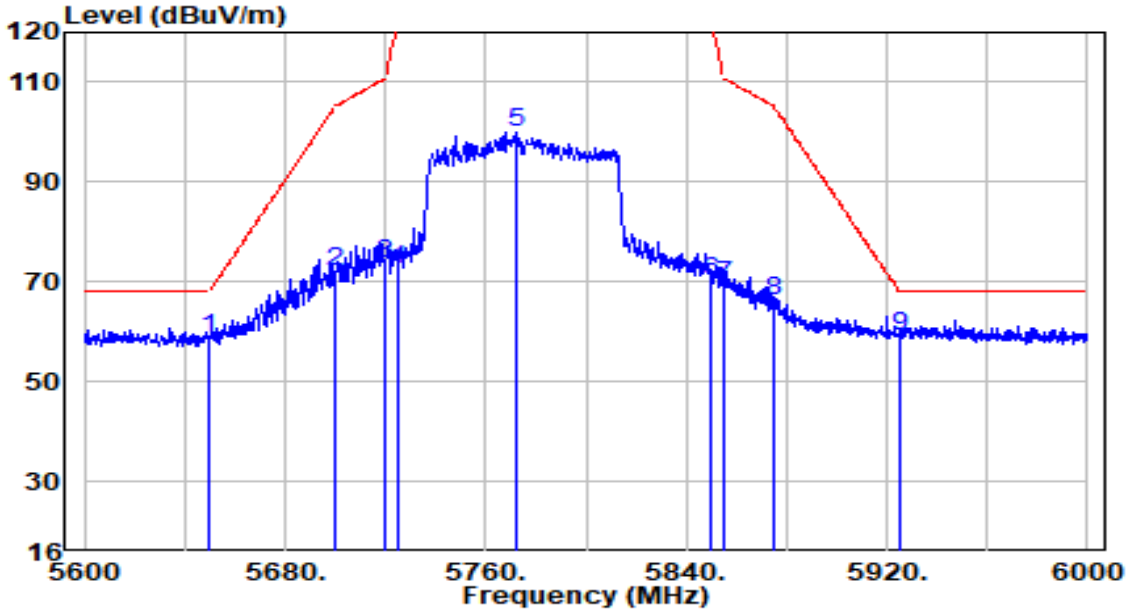


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		5650.000	45.70	20.76	66.46	-1.74	68.20	Peak
2		5700.000	61.63	20.92	82.55	-22.65	105.20	Peak
3		5720.000	65.97	20.98	86.95	-23.85	110.80	Peak
4		5725.000	69.12	21.00	90.12	-32.08	122.20	Peak
5		5772.000	88.67	21.15	109.82	N/A	N/A	Peak
6		5850.000	61.00	21.40	82.41	-39.79	122.20	Peak
7		5855.000	61.20	21.42	82.62	-28.18	110.80	Peak
8		5875.000	54.17	21.49	75.66	-29.54	105.20	Peak
9	*	5925.000	46.30	21.65	67.95	-0.25	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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	2021-01-20
Factor	BBHA 9120D (1GHz~18GHz)	Temp. / Humidity	21.6°C/31.9%
Polarity	Vertical	Site / Test Engineer	AC1 / Jay
Test Mode	Transmit by ac- VHT80 at Channel 5775MHz	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		5650.000	38.00	20.76	58.76	-9.44	68.20	Peak
2		5700.000	51.12	20.92	72.04	-33.16	105.20	Peak
3		5720.000	52.53	20.98	73.52	-37.28	110.80	Peak
4		5725.000	51.67	21.00	72.67	-49.53	122.20	Peak
5		5772.200	78.87	21.15	100.02	N/A	N/A	Peak
6		5850.000	48.85	21.40	70.25	-51.95	122.20	Peak
7		5855.000	47.96	21.42	69.38	-41.42	110.80	Peak
8		5875.000	44.69	21.49	66.18	-39.02	105.20	Peak
9	*	5925.000	37.63	21.65	59.27	-8.93	68.20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB)+ 16dB Attenuation (dB)– Preamplifier(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.

7.10. AC Conducted Emissions Measurement

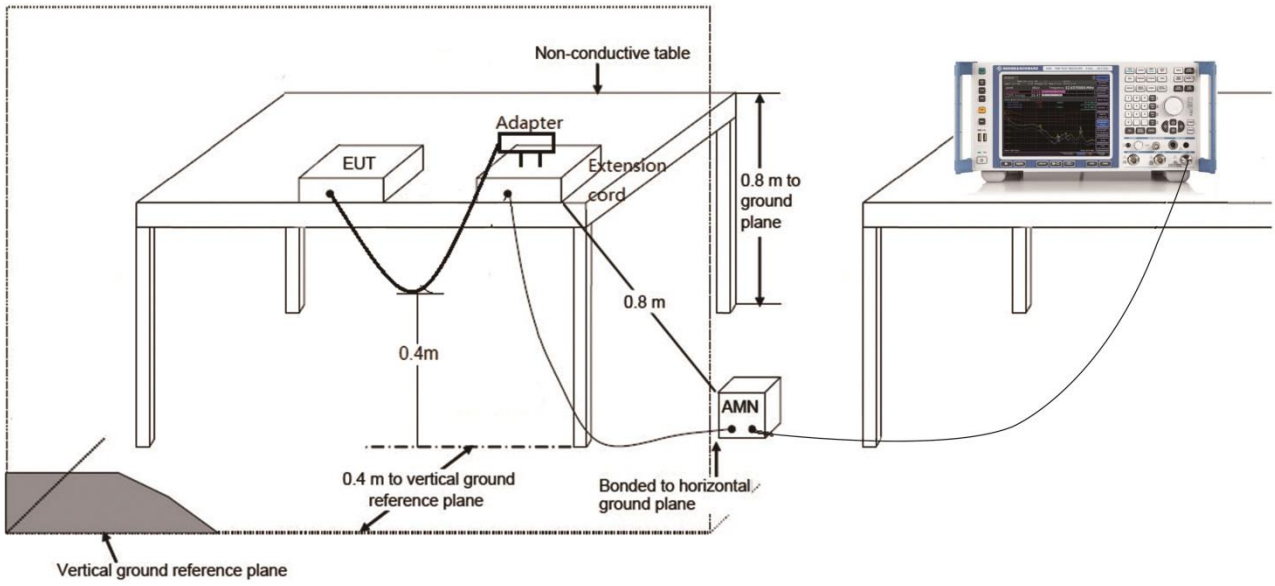
7.10.1.Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
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.

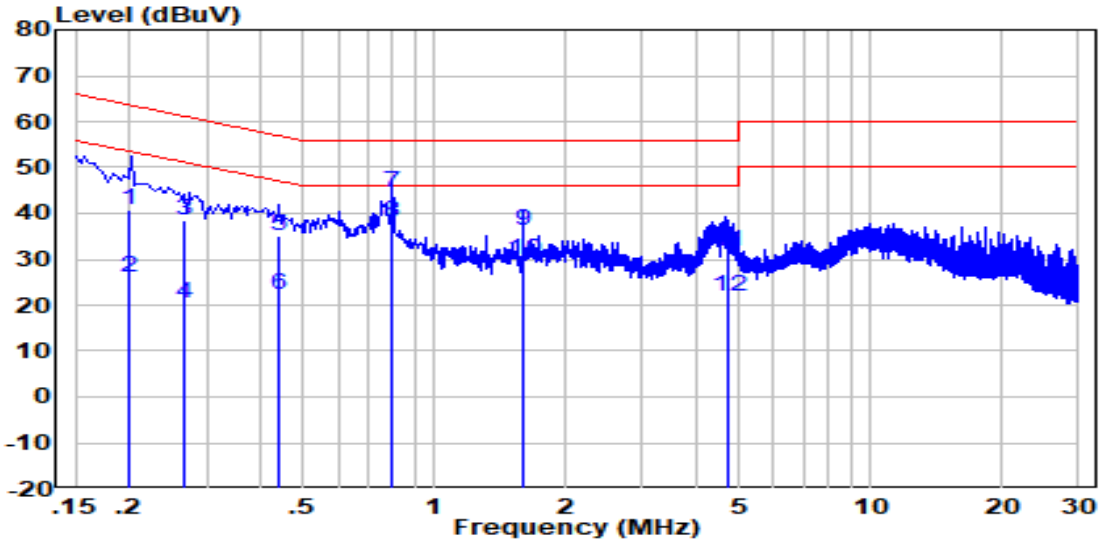
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.10.2.Test Setup



7.10.3.Test Result

EUT	AC1200 Wi-Fi Range Extender	Date of Test	2021-02-01
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24.4°C /52.4%
Polarity	Line1	Site / Test Engineer	SR2 /Eric Lin
Test Mode	Transmit by 802.11ac-VHT20 at channel 5260MHz	Test Voltage	120V/60Hz

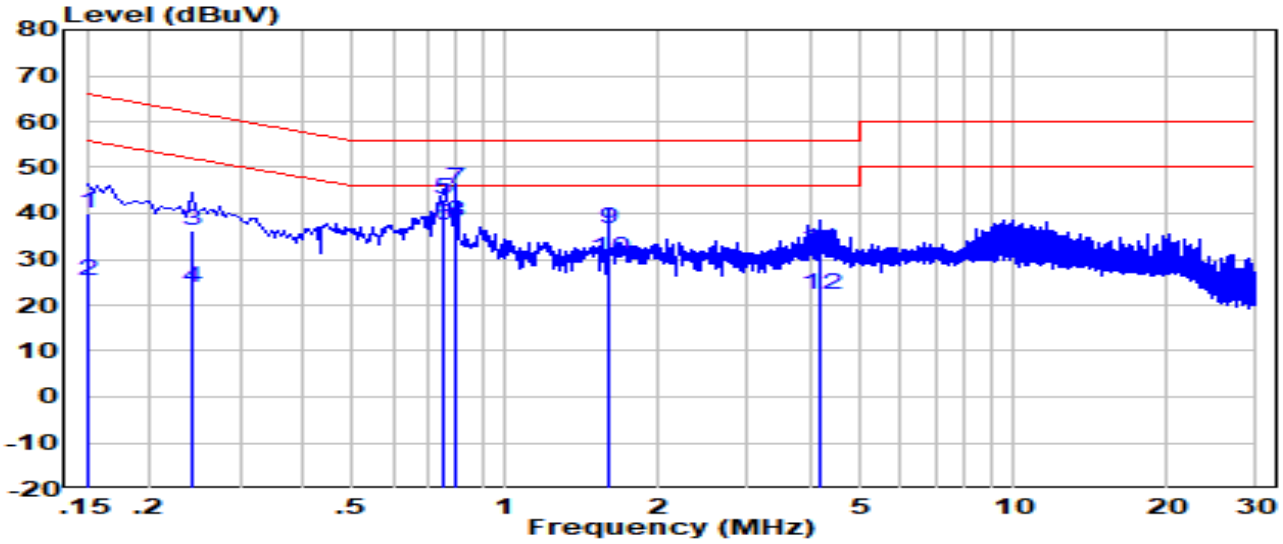


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1	*	0.200	31.03	9.61	40.64	-22.97	63.61	Quasi-Peak
2		0.200	16.53	9.61	26.14	-27.47	53.61	Average
3		0.267	28.94	9.62	38.55	-22.66	61.21	Quasi-Peak
4		0.267	10.64	9.62	20.25	-30.96	51.21	Average
5		0.438	25.36	9.63	34.98	-22.12	57.10	Quasi-Peak
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	Quasi-Peak
8		0.800	28.49	9.65	38.13	-7.87	46.00	Average
9		1.600	26.48	9.68	36.16	-19.84	56.00	Quasi-Peak
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	Quasi-Peak
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	2021-02-01
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24.4°C /52.4%
Polarity	Neutral	Site / Test Engineer	SR2 /Eric Lin
Test Mode	Transmit by 802.11ac-VHT20 at channel 5260MHz	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	Quasi-Peak
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	Quasi-Peak
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	Quasi-Peak
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	Quasi-Peak
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	Quasi-Peak
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	Quasi-Peak
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 compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2101TW0002-Setup Photograph” file.

Appendix B - External Photograph

Refer to “2101TW0002-Internal Photo” file.

Appendix C - Internal Photograph

Refer to “2101TW0002-Internal Photo” file.