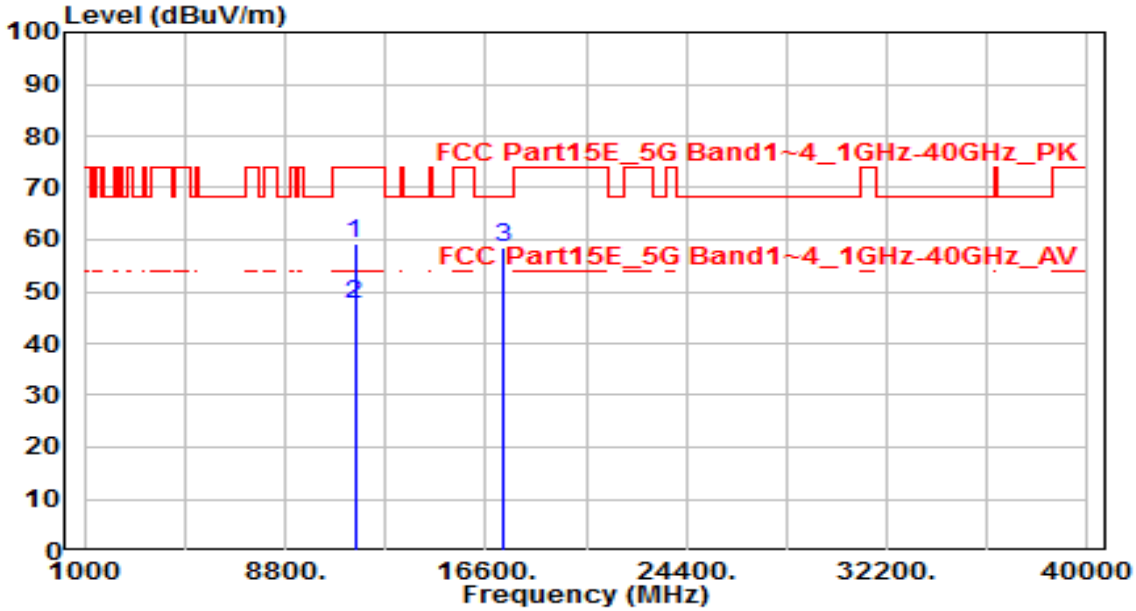
EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

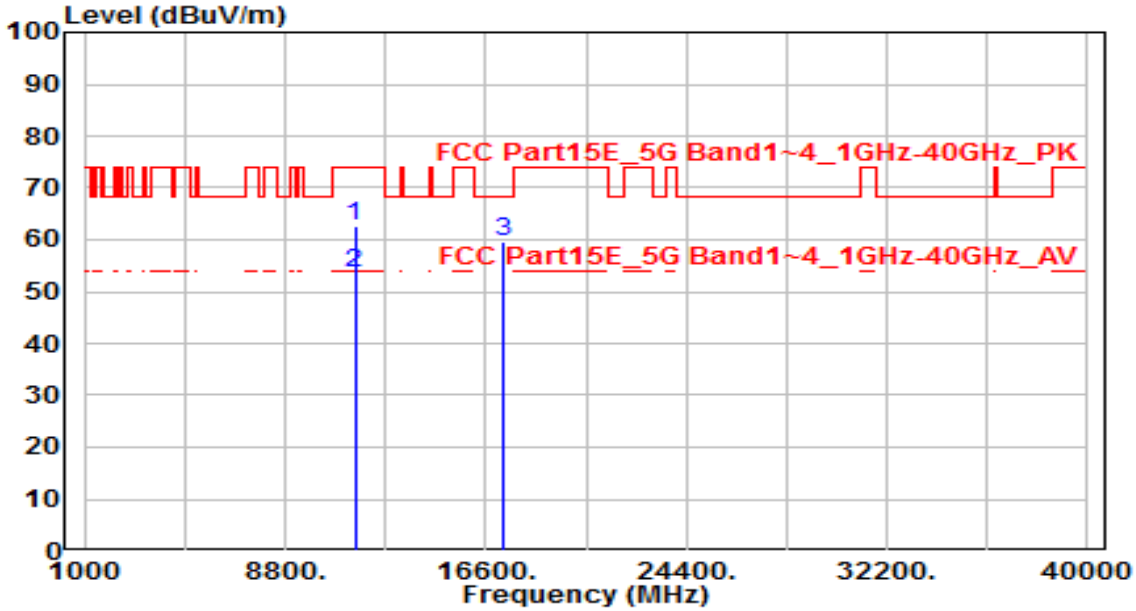


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	39.37	20.03	59.39	-14.61	74.00	110	255	Peak
2	*	11510.000	27.48	20.03	47.51	-6.49	54.00	110	255	Average
3		17265.000	32.21	26.27	58.48	-9.72	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

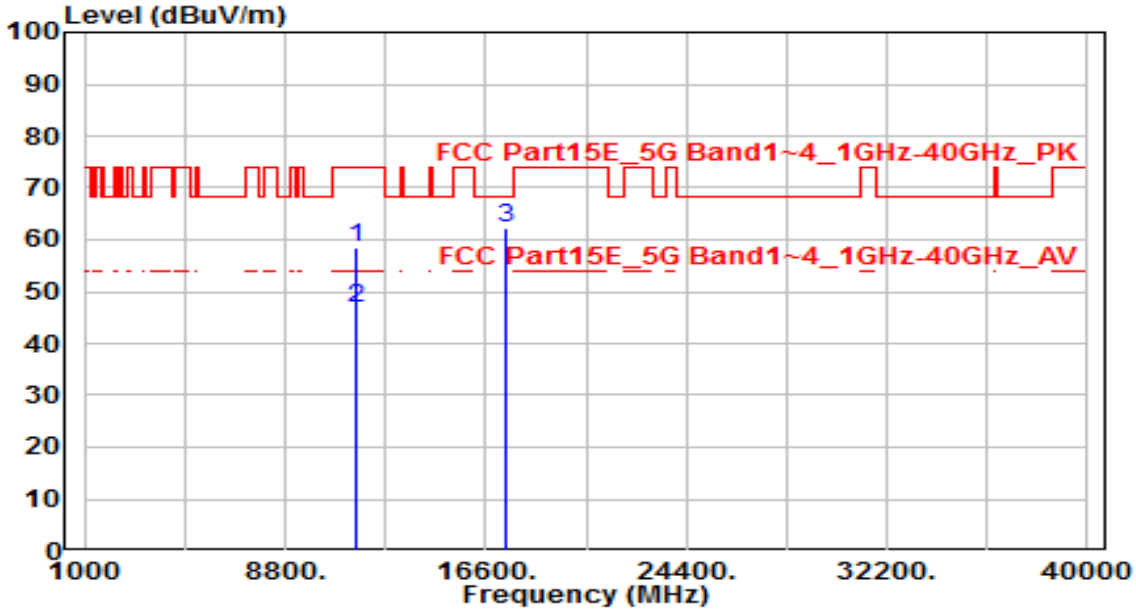


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	42.75	20.03	62.78	-11.22	74.00	110	40	Peak
2	*	11510.000	33.39	20.03	53.42	-0.58	54.00	110	40	Average
3		17265.000	33.27	26.27	59.55	-8.65	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

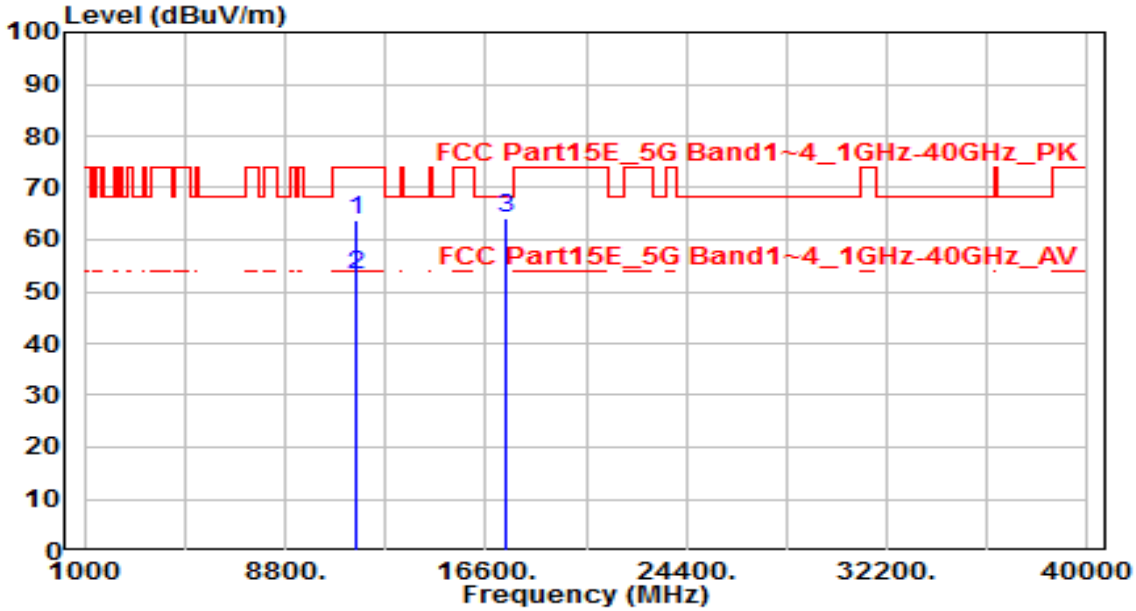


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	38.80	19.85	58.65	-15.35	74.00	100	255	Peak
2		11590.000	26.89	19.85	46.74	-7.26	54.00	100	255	Average
3	*	17385.000	35.36	27.07	62.44	-5.76	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

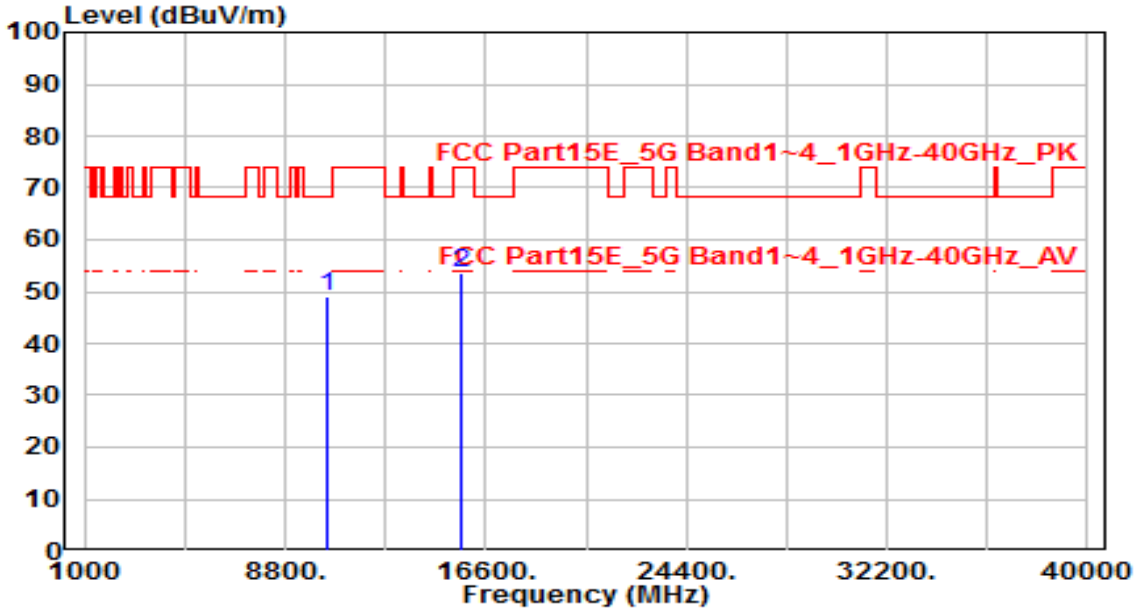


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11590.000	44.01	19.85	63.85	-10.15	74.00	110	40	Peak
2	*	11590.000	33.28	19.85	53.13	-0.87	54.00	110	40	Average
3		17385.000	36.97	27.07	64.04	-4.16	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

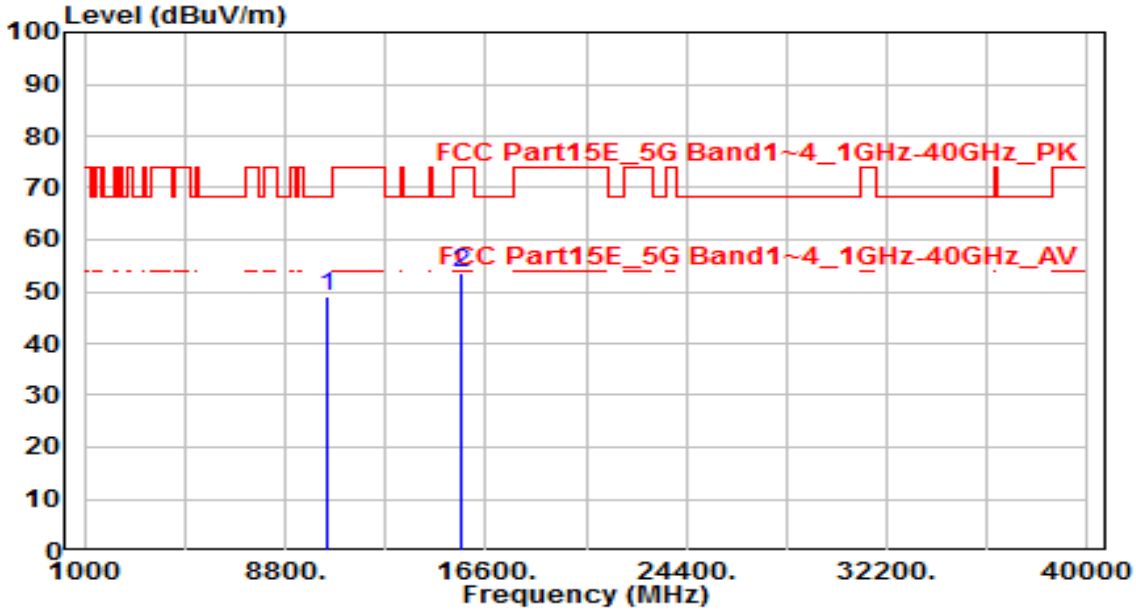


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	30.81	18.25	49.06	-19.14	68.20	100	360	Peak
2		15630.000	32.54	21.03	53.57	-20.43	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

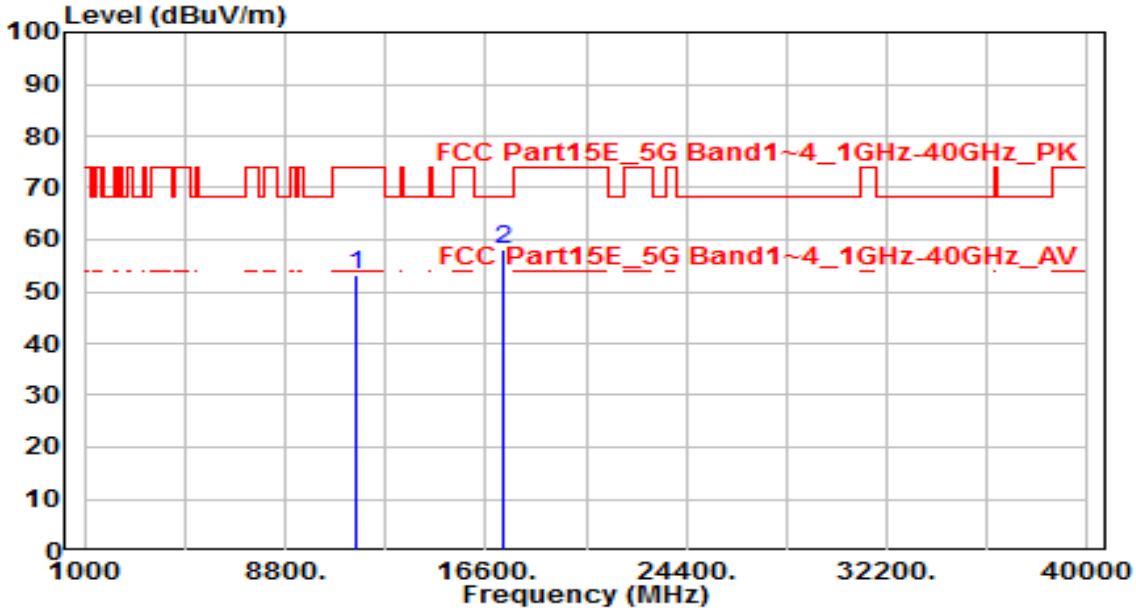


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	30.65	18.25	48.90	-19.30	68.20	100	360	Peak
2		15630.000	32.40	21.03	53.43	-20.57	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

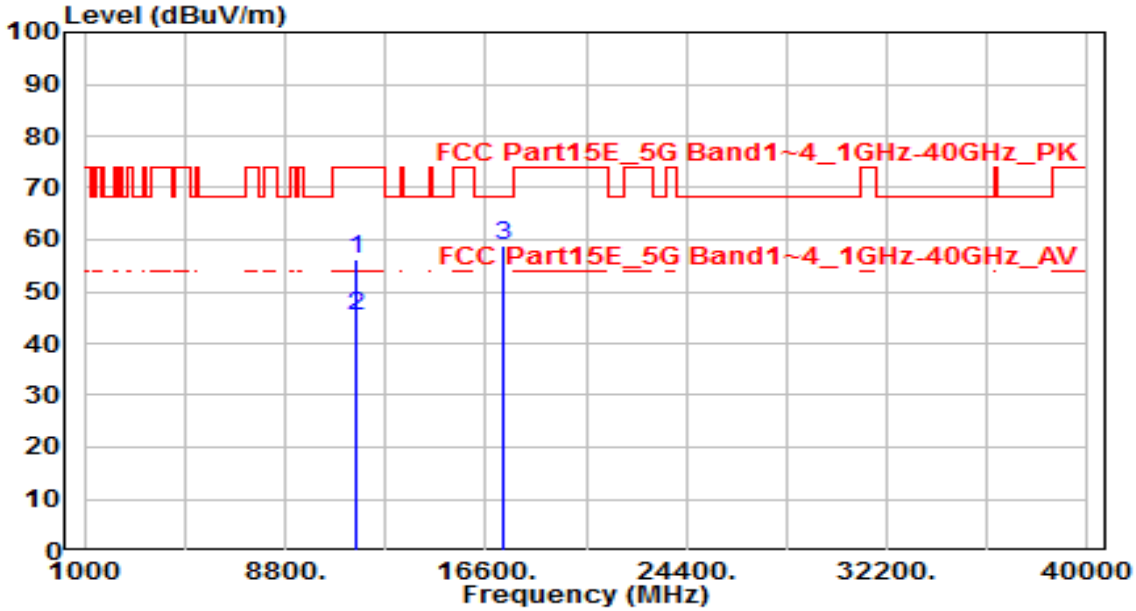


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	33.43	19.94	53.37	-20.63	74.00	100	360	Peak
2	*	17325.000	31.47	26.67	58.14	-10.06	68.20	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

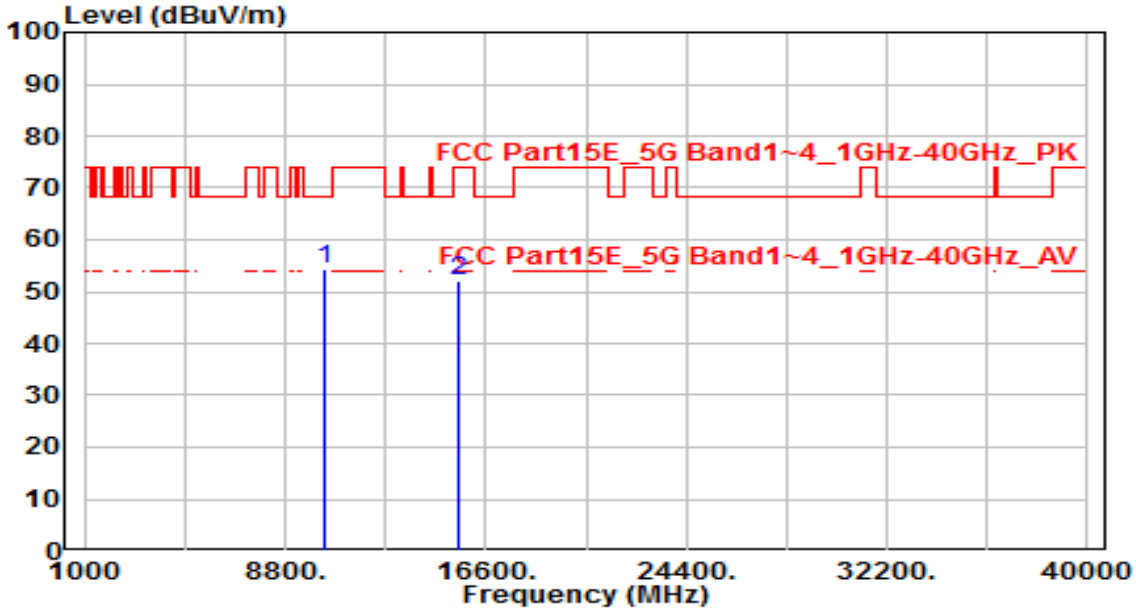


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11550.000	36.23	19.94	56.16	-17.84	74.00	110	40	Peak
2	*	11550.000	25.37	19.94	45.30	-8.70	54.00	110	40	Average
3		17325.000	32.35	26.67	59.03	-9.17	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

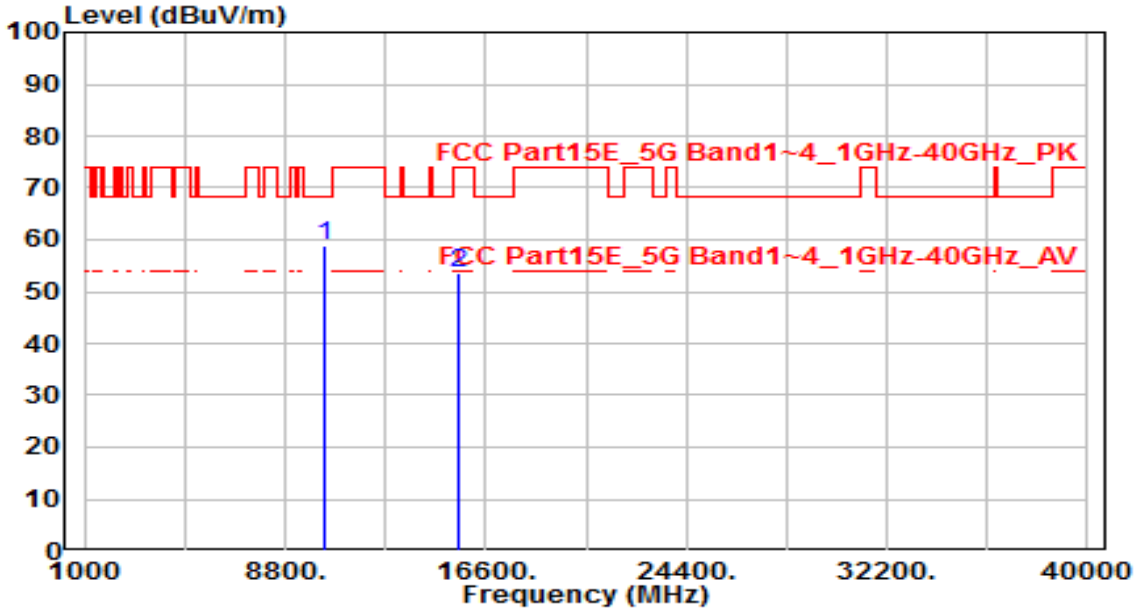


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	36.43	18.01	54.44	-13.76	68.20	100	360	Peak
2		15540.000	30.83	21.25	52.08	-21.92	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

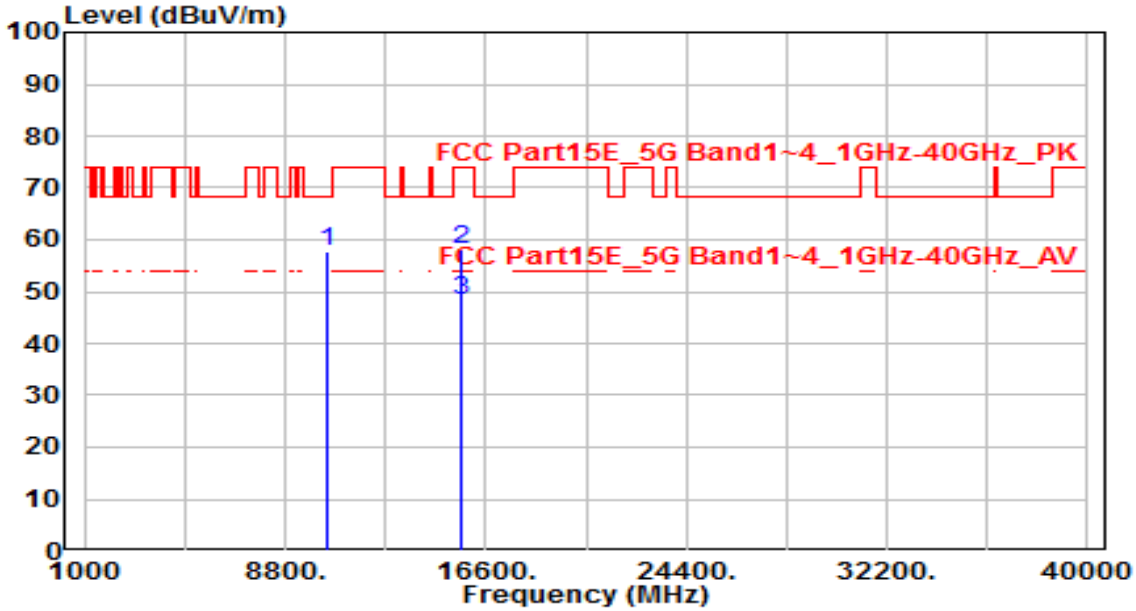


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	40.96	18.01	58.97	-9.23	68.20	100	360	Peak
2		15540.000	32.35	21.25	53.60	-20.40	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

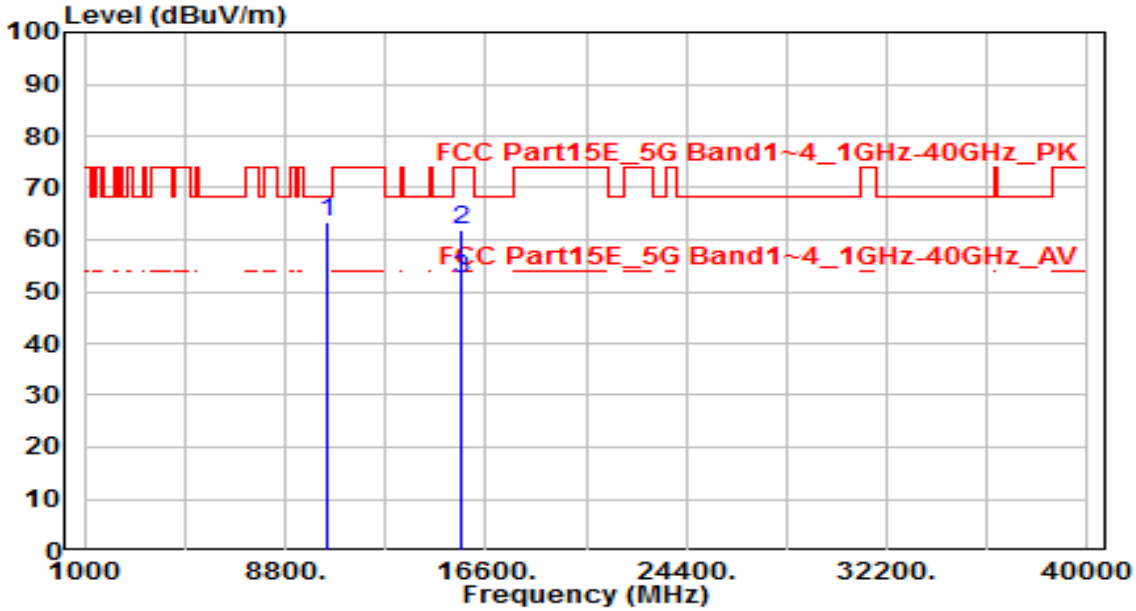


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	39.47	18.33	57.80	-10.40	68.20	100	360	Peak
2	*	15660.000	37.09	20.95	58.05	-15.95	74.00	110	255	Peak
3	*	15660.000	27.34	20.95	48.29	-5.71	54.00	110	255	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

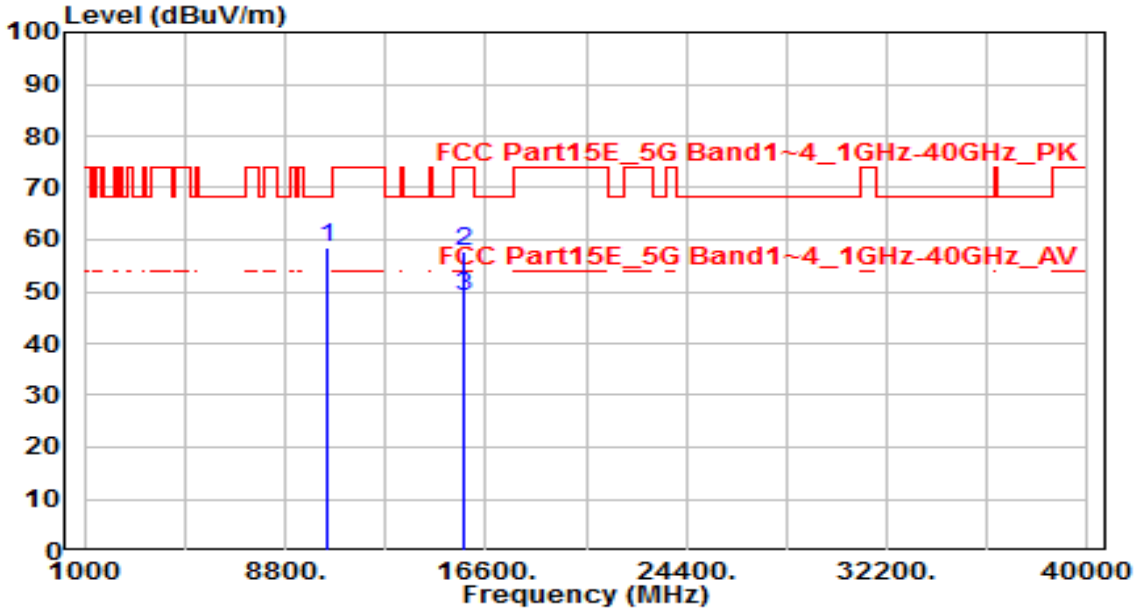


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	45.19	18.33	63.52	-4.68	68.20	100	360	Peak
2	*	15660.000	40.96	20.95	61.92	-12.08	74.00	110	215	Peak
3	*	15660.000	31.52	20.95	52.47	-1.53	54.00	110	215	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

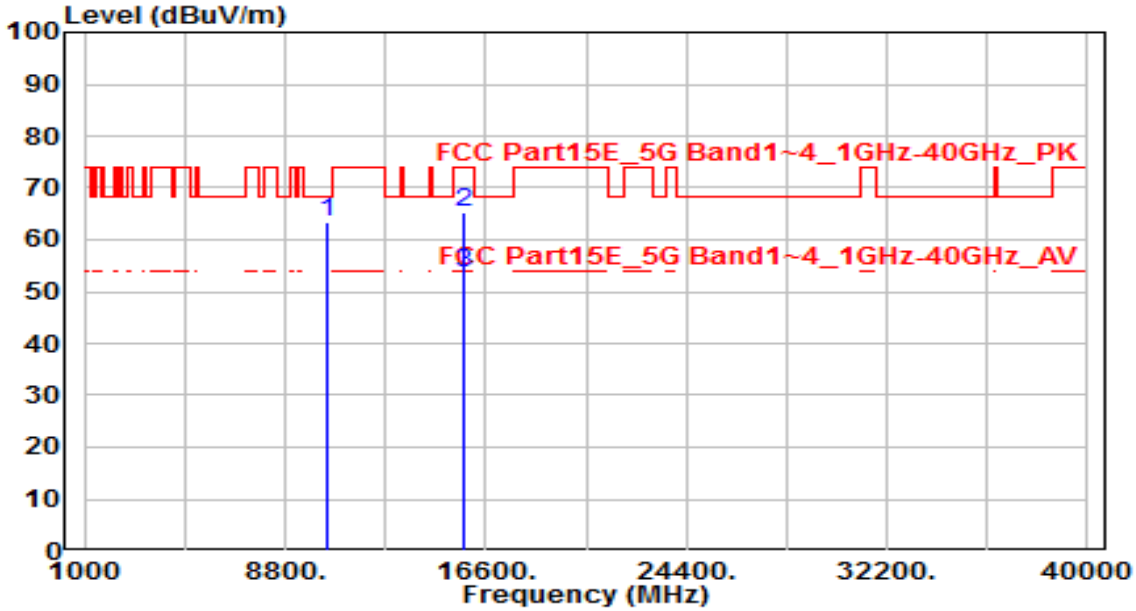


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	39.89	18.49	58.38	-9.82	68.20	100	360	Peak
2	*	15720.000	36.81	20.80	57.61	-16.39	74.00	110	255	Peak
3	*	15720.000	28.21	20.80	49.01	-4.99	54.00	110	255	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

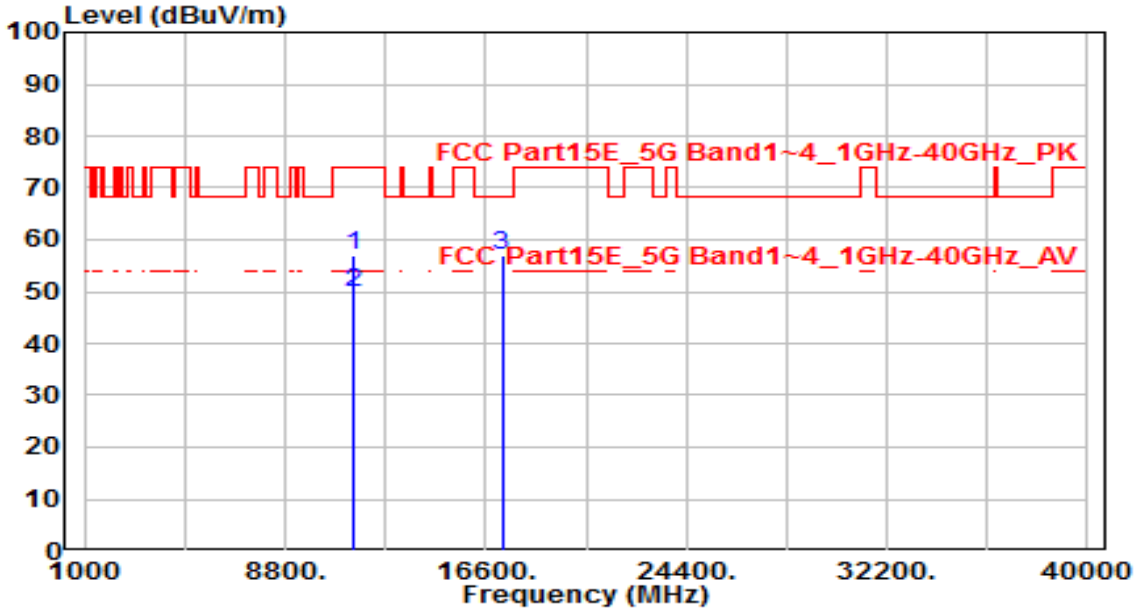


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	45.05	18.49	63.54	-4.66	68.20	100	360	Peak
2	*	15720.000	44.60	20.80	65.40	-8.60	74.00	110	215	Peak
3	*	15720.000	32.65	20.80	53.45	-0.55	54.00	110	215	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

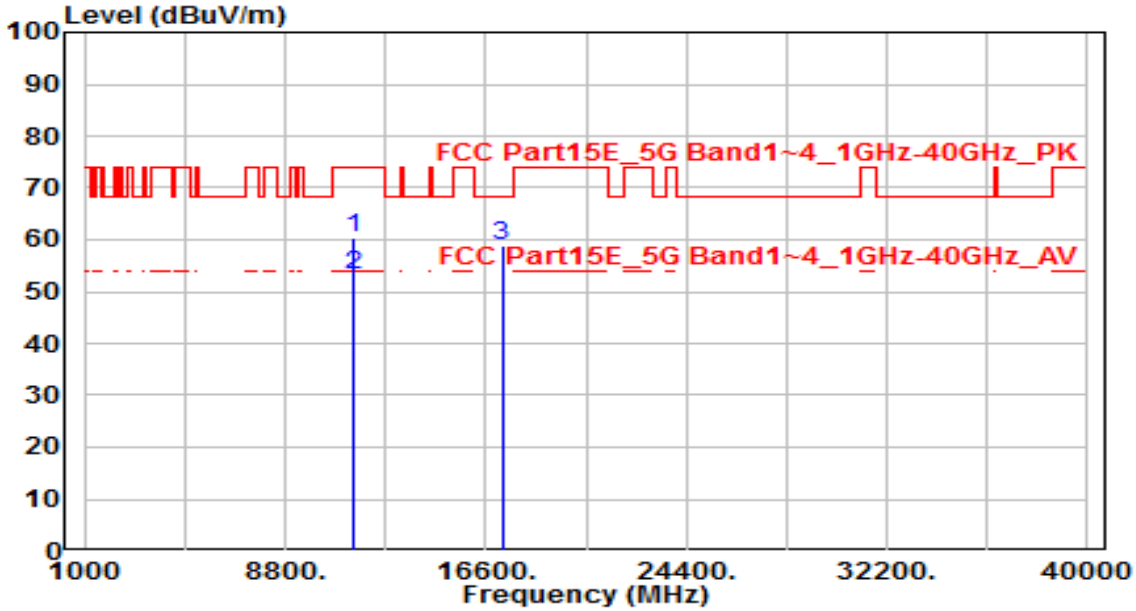


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	36.90	20.03	56.93	-17.07	74.00	110	360	Peak
2	*	11490.000	29.80	20.03	49.83	-4.17	54.00	110	360	Average
3		17235.000	30.98	26.08	57.06	-11.14	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

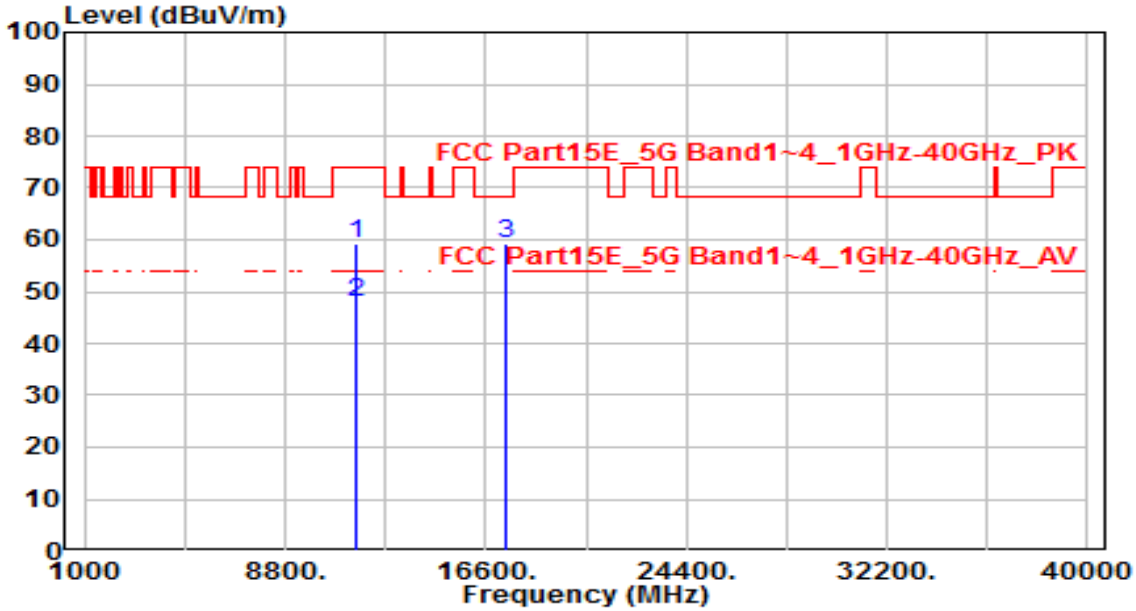


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	40.23	20.03	60.26	-13.74	74.00	110	40	Peak
2	*	11490.000	33.17	20.03	53.20	-0.80	54.00	110	40	Average
3		17235.000	32.62	26.08	58.69	-9.51	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

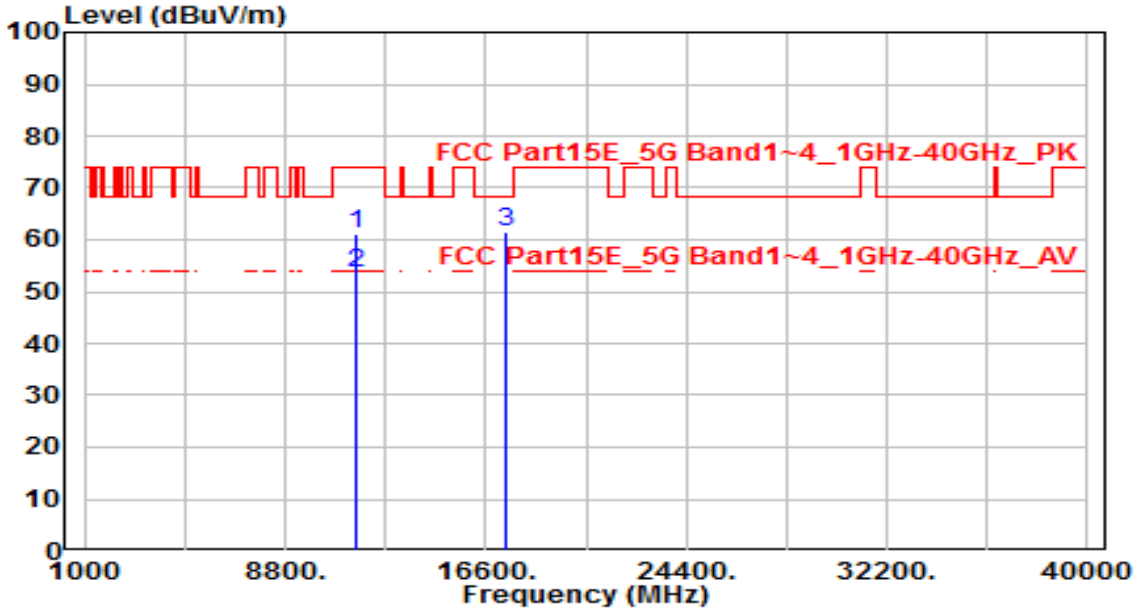


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	39.52	19.89	59.41	-14.59	74.00	110	360	Peak
2	*	11570.000	27.88	19.89	47.77	-6.23	54.00	110	360	Average
3		17355.000	32.41	26.87	59.29	-8.91	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

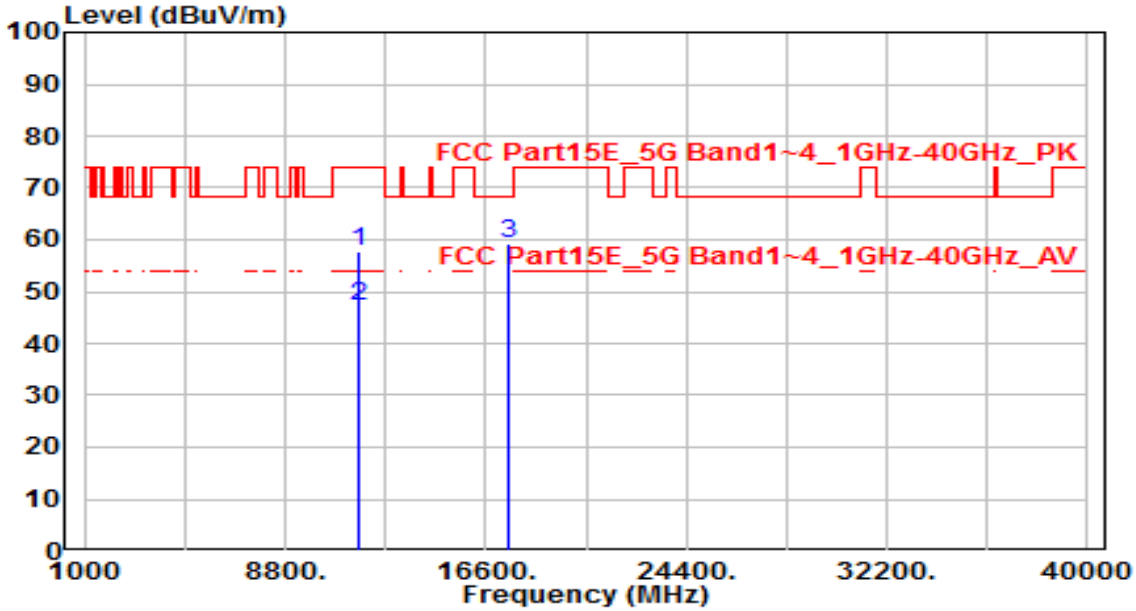


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	41.08	19.89	60.97	-13.03	74.00	110	40	Peak
2	*	11570.000	33.56	19.89	53.45	-0.55	54.00	110	40	Average
3		17355.000	34.70	26.87	61.57	-6.63	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

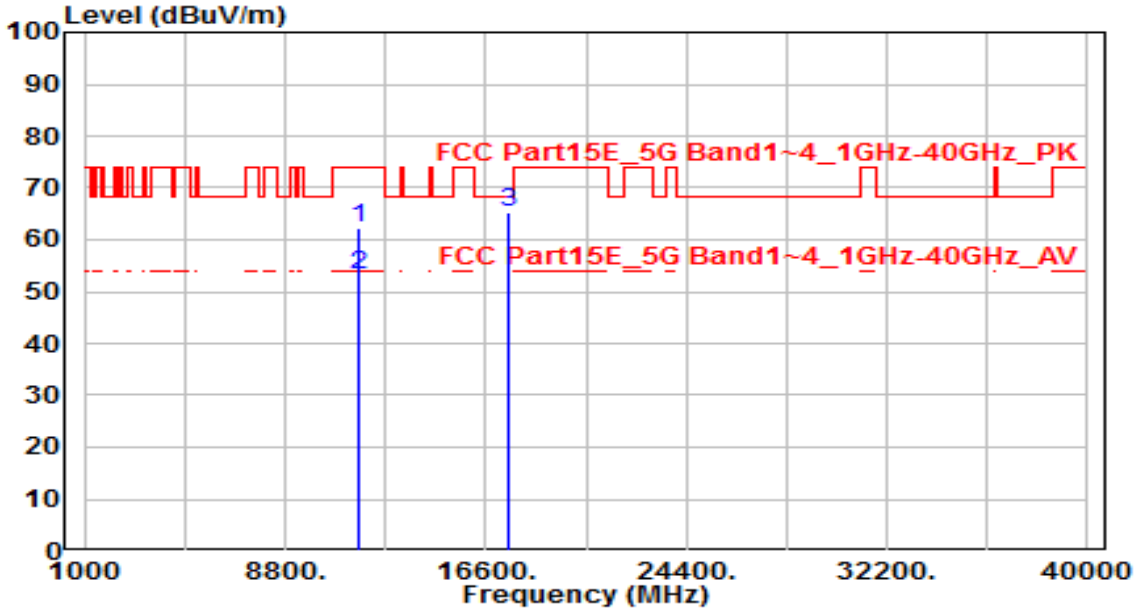


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	38.16	19.71	57.87	-16.13	74.00	110	360	Peak
2	*	11650.000	27.56	19.71	47.27	-6.73	54.00	110	360	Average
3		17475.000	31.63	27.67	59.30	-8.90	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

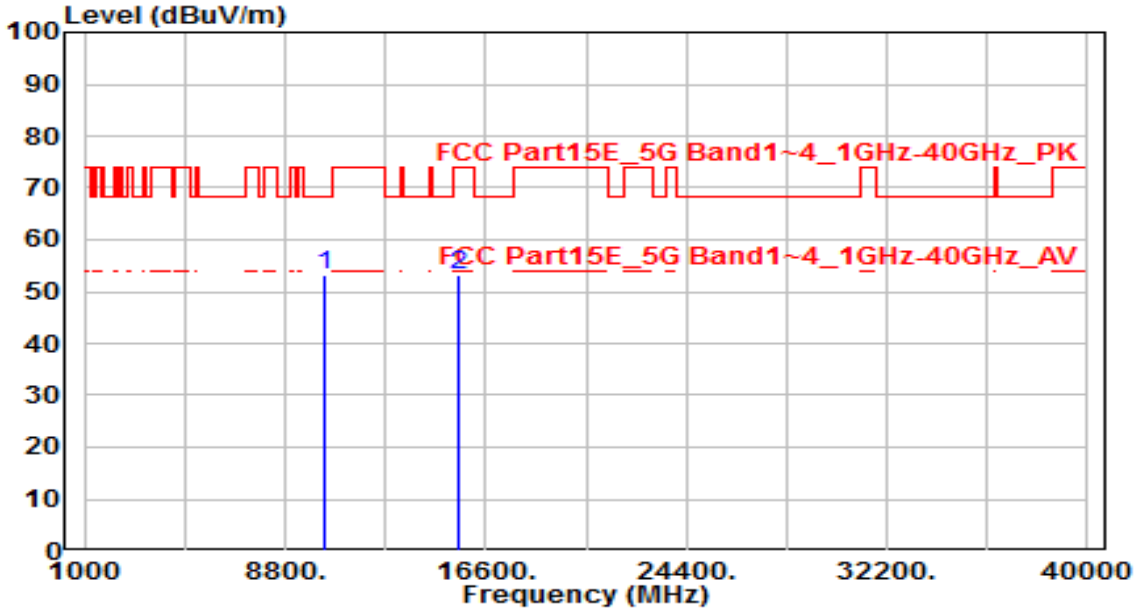


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	42.41	19.71	62.12	-11.88	74.00	110	40	Peak
2	*	11650.000	33.66	19.71	53.37	-0.63	54.00	110	40	Average
3		17475.000	37.72	27.67	65.39	-2.81	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

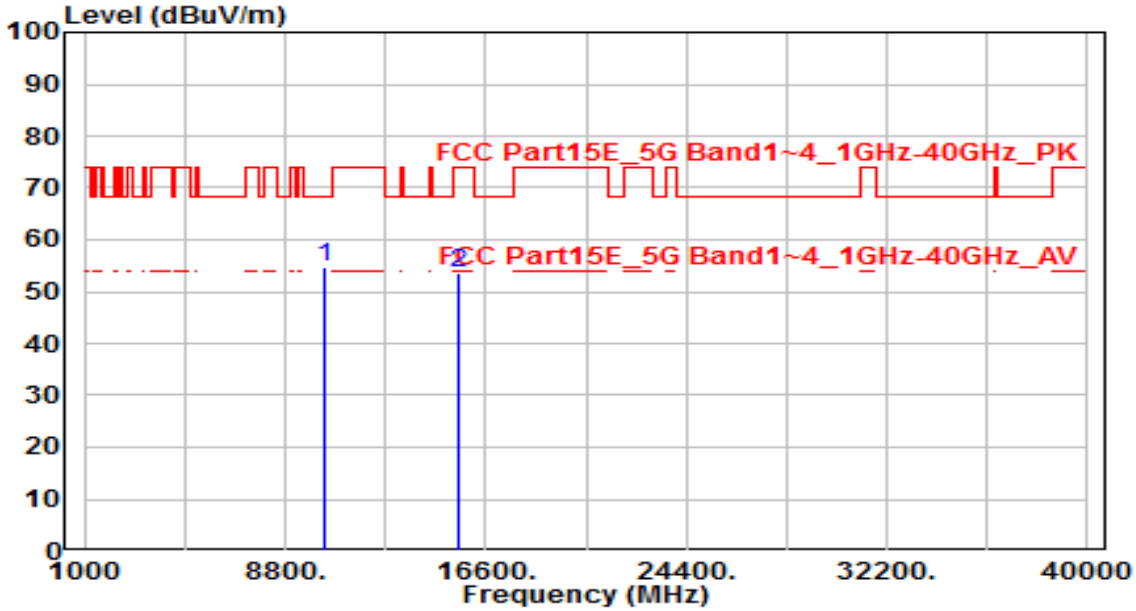


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	35.20	18.09	53.28	-14.92	68.20	100	360	Peak
2		15570.000	31.95	21.18	53.13	-20.87	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

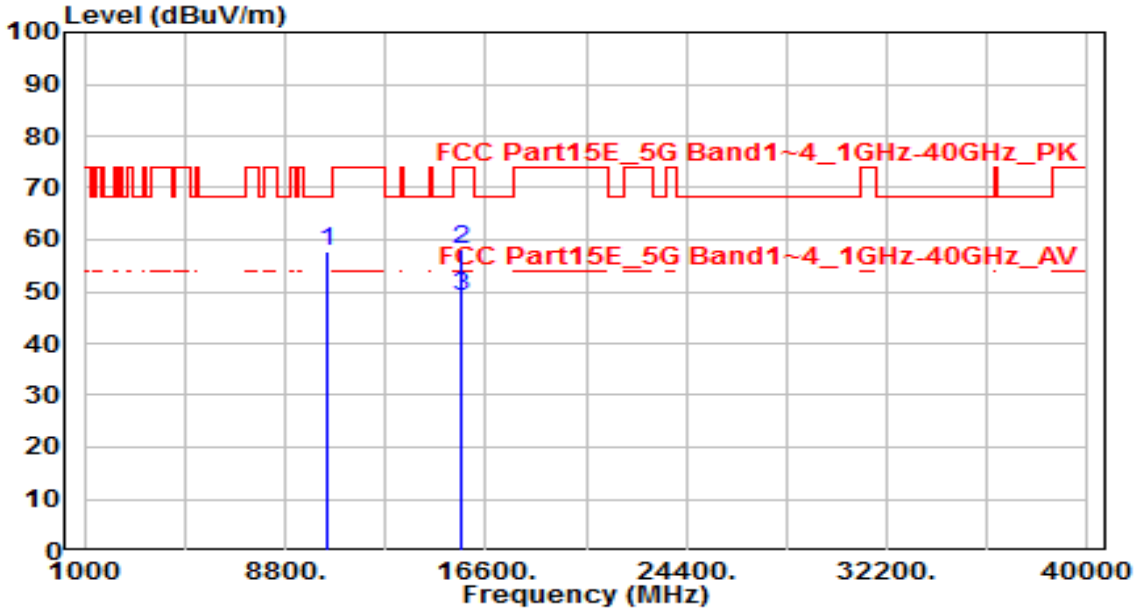


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	36.46	18.09	54.55	-13.65	68.20	100	360	Peak
2		15570.000	32.51	21.18	53.69	-20.31	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

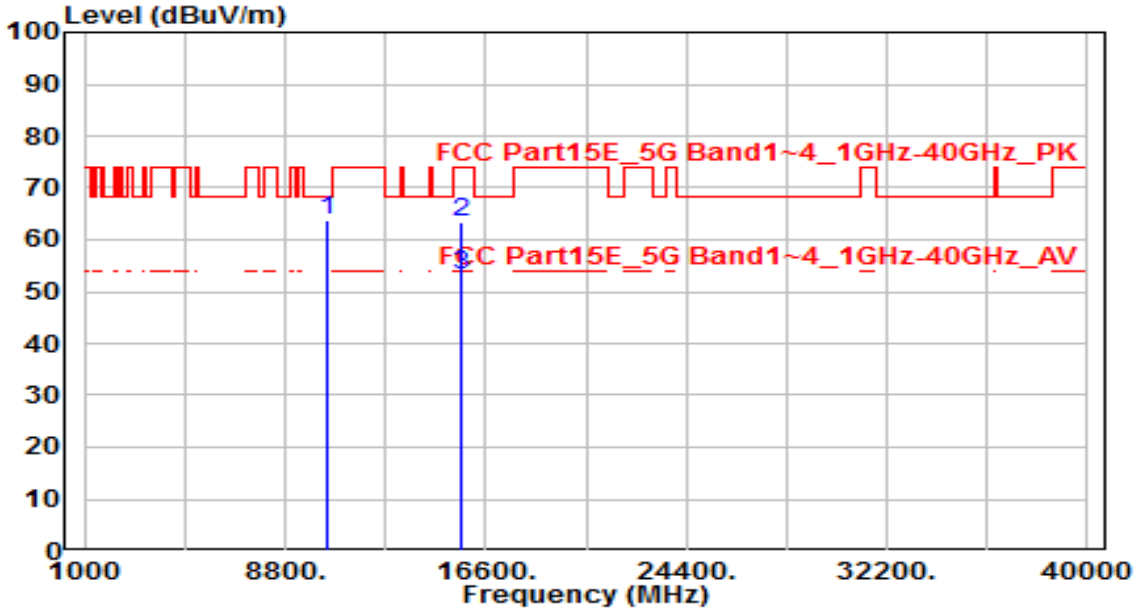


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	39.25	18.41	57.66	-10.54	68.20	100	360	Peak
2	*	15690.000	37.34	20.88	58.22	-15.78	74.00	110	255	Peak
3	*	15690.000	27.99	20.88	48.87	-5.13	54.00	110	255	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

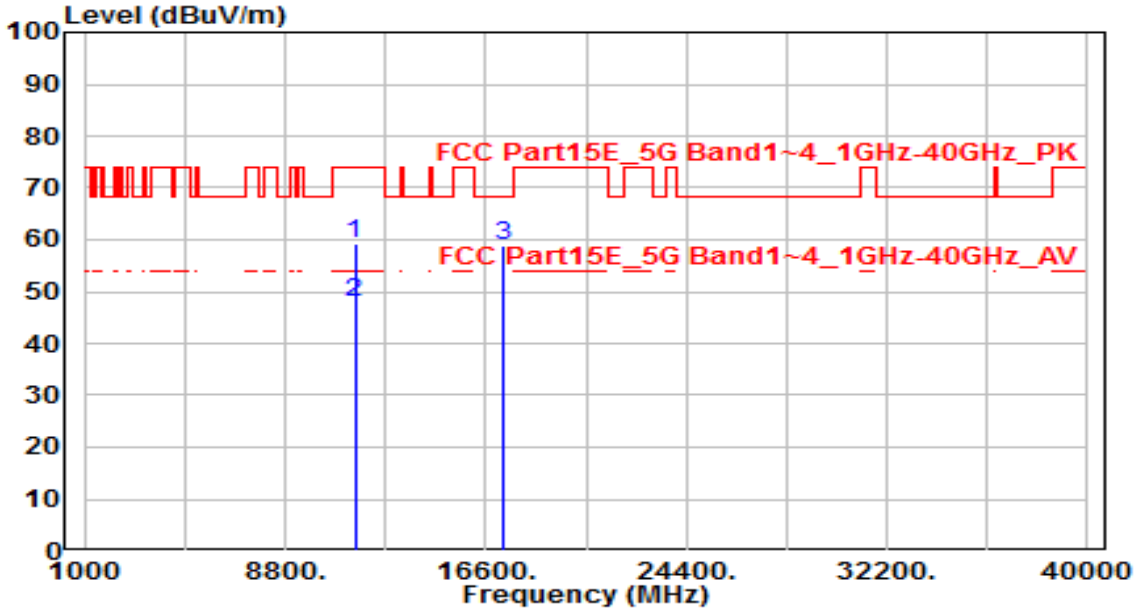


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	45.43	18.41	63.84	-4.36	68.20	100	360	Peak
2	*	15690.000	42.57	20.88	63.45	-10.55	74.00	110	215	Peak
3	*	15690.000	32.27	20.88	53.15	-0.85	54.00	110	215	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

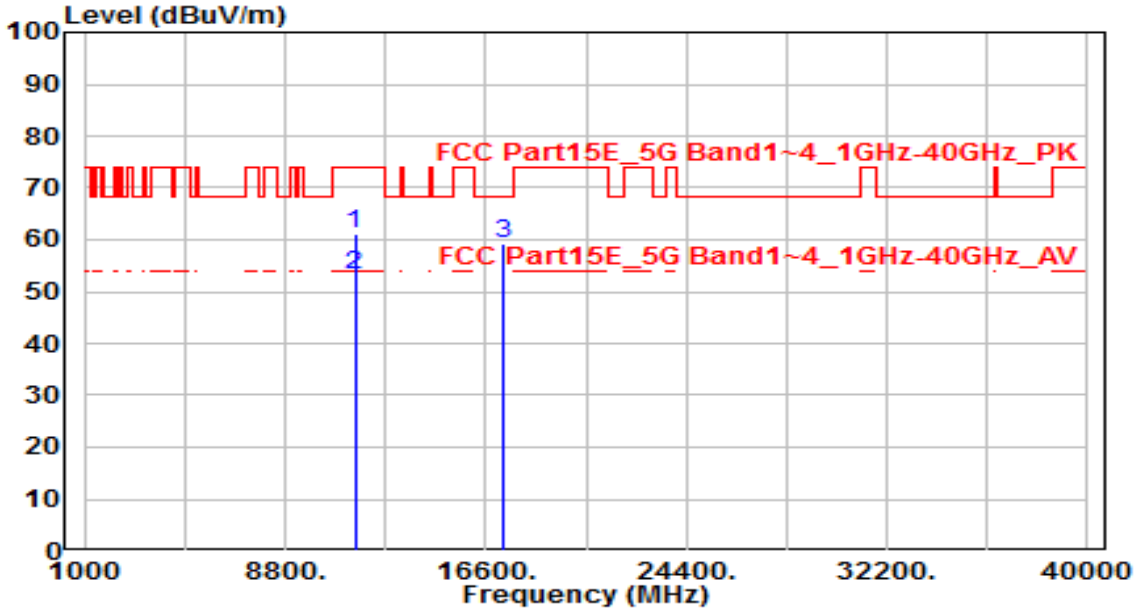


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	39.06	20.03	59.09	-14.91	74.00	110	360	Peak
2	*	11510.000	27.84	20.03	47.87	-6.13	54.00	110	360	Average
3		17265.000	32.73	26.27	59.01	-9.19	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

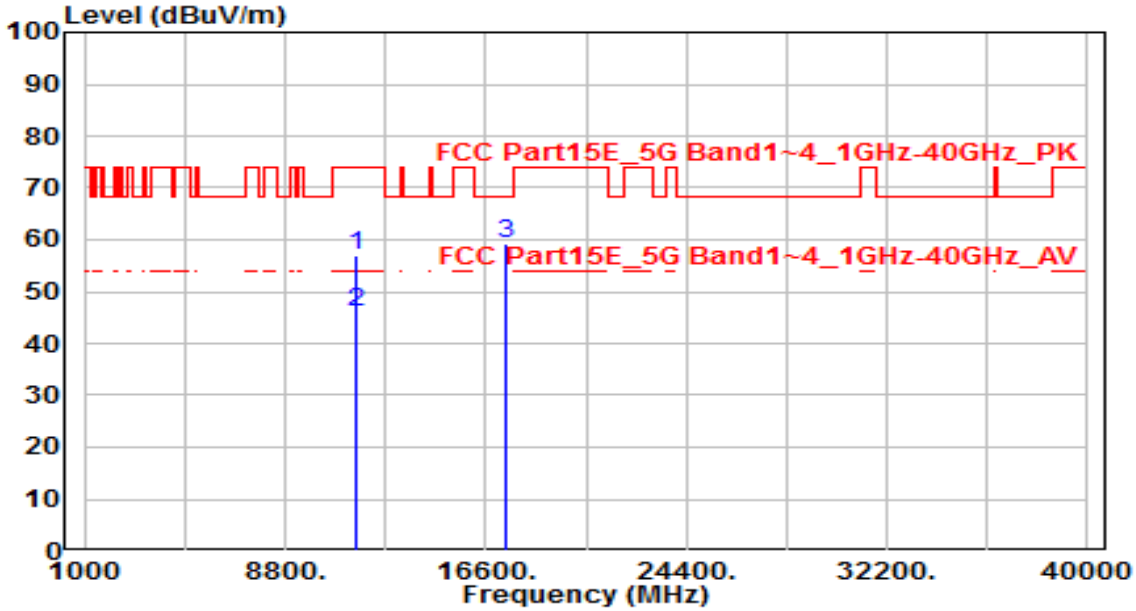


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	40.96	20.03	60.98	-13.02	74.00	110	40	Peak
2	*	11510.000	33.31	20.03	53.34	-0.66	54.00	110	40	Average
3		17265.000	32.96	26.27	59.23	-8.97	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

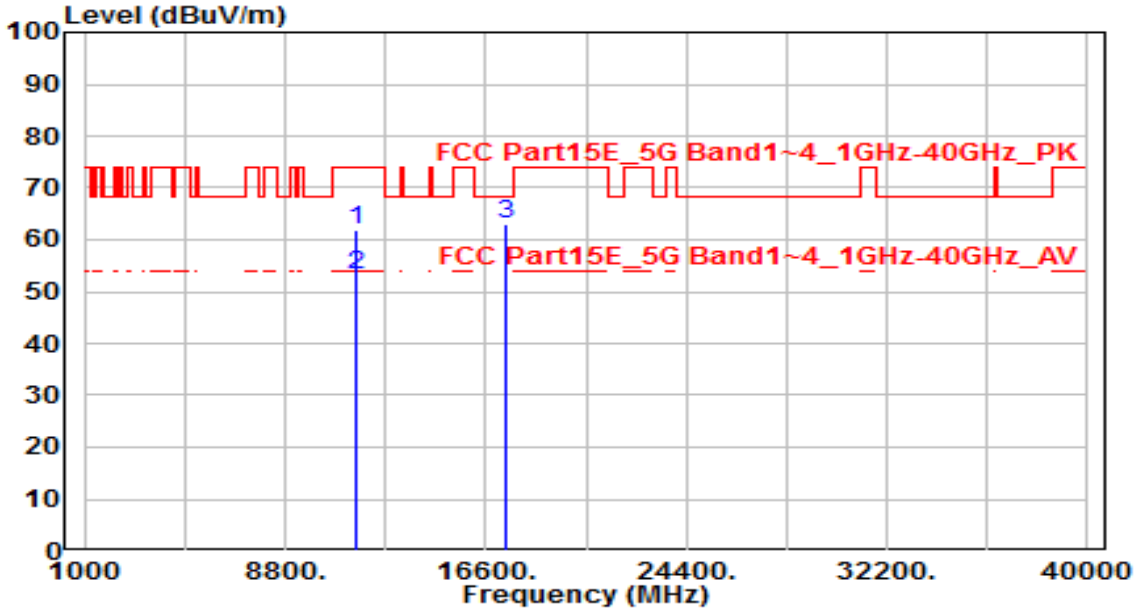


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11590.000	37.13	19.85	56.97	-17.03	74.00	110	360	Peak
2	*	11590.000	26.37	19.85	46.22	-7.78	54.00	110	360	Average
3		17385.000	32.27	27.07	59.34	-8.86	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

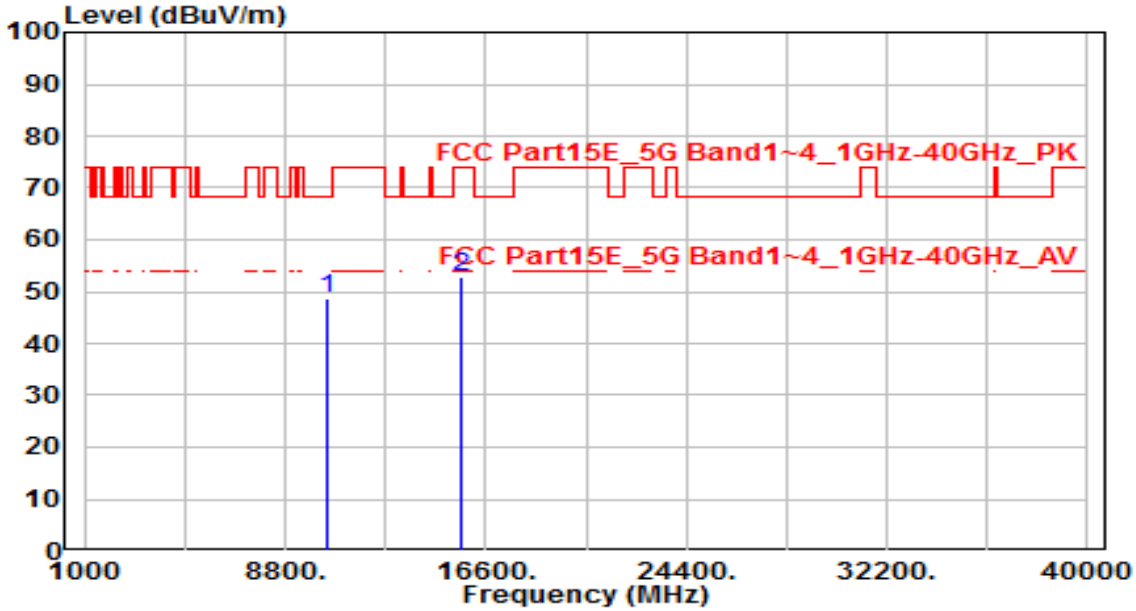


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11590.000	41.89	19.85	61.74	-12.26	74.00	110	40	Peak
2	*	11590.000	33.36	19.85	53.21	-0.79	54.00	110	40	Average
3		17385.000	35.99	27.07	63.06	-5.14	68.20	100	360	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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

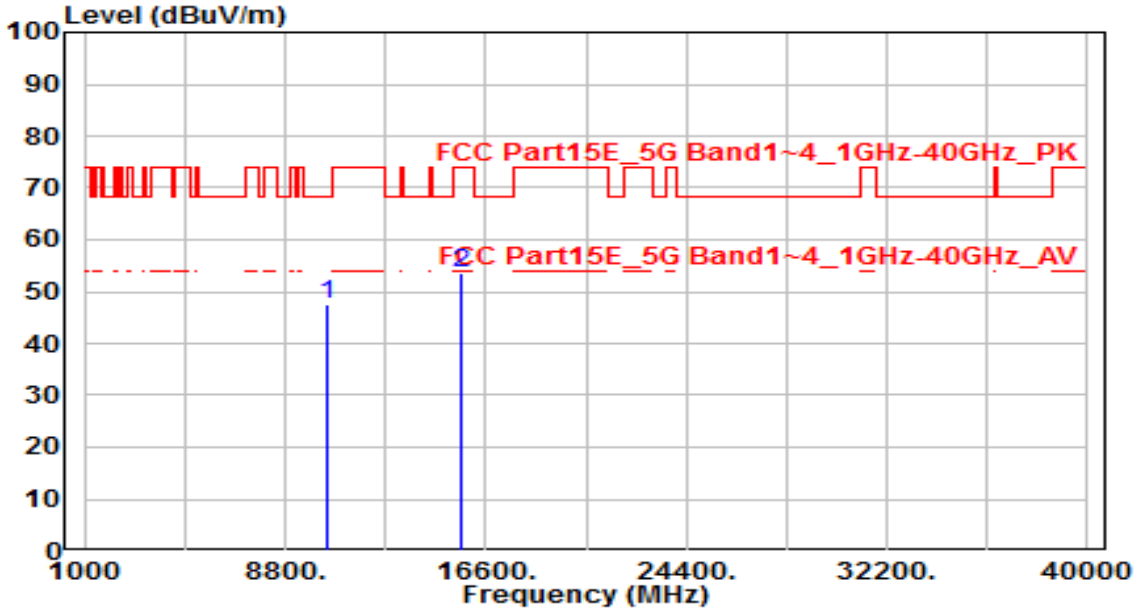


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	30.50	18.25	48.74	-19.46	68.20	100	360	Peak
2		15630.000	31.80	21.03	52.83	-21.17	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

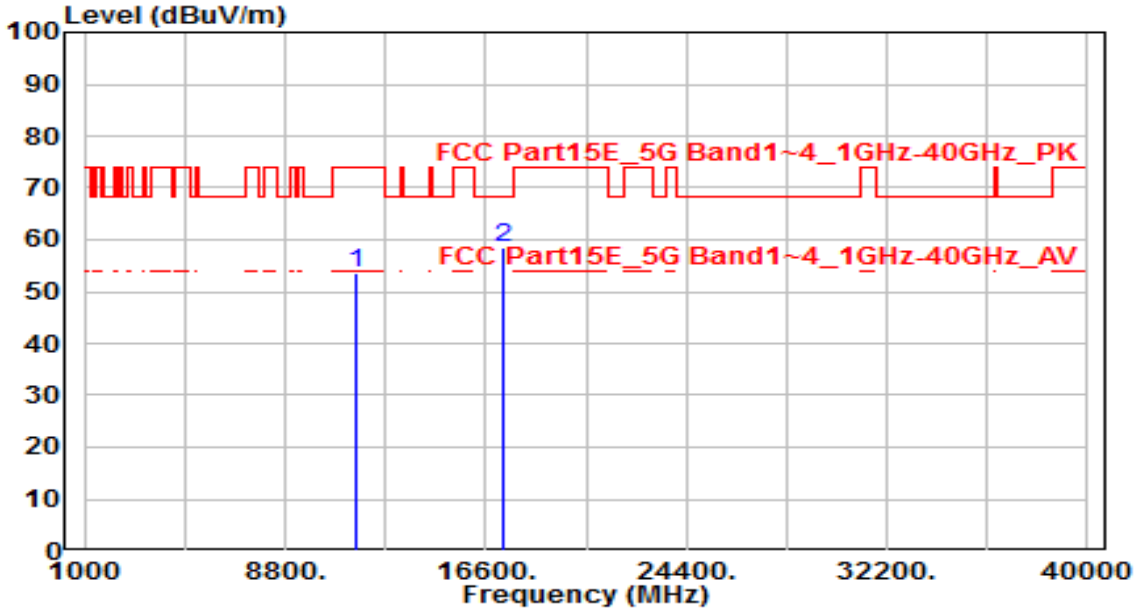


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10420.000	29.44	18.25	47.69	-20.51	68.20	100	360	Peak
2	*	15630.000	32.59	21.03	53.62	-20.38	74.00	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

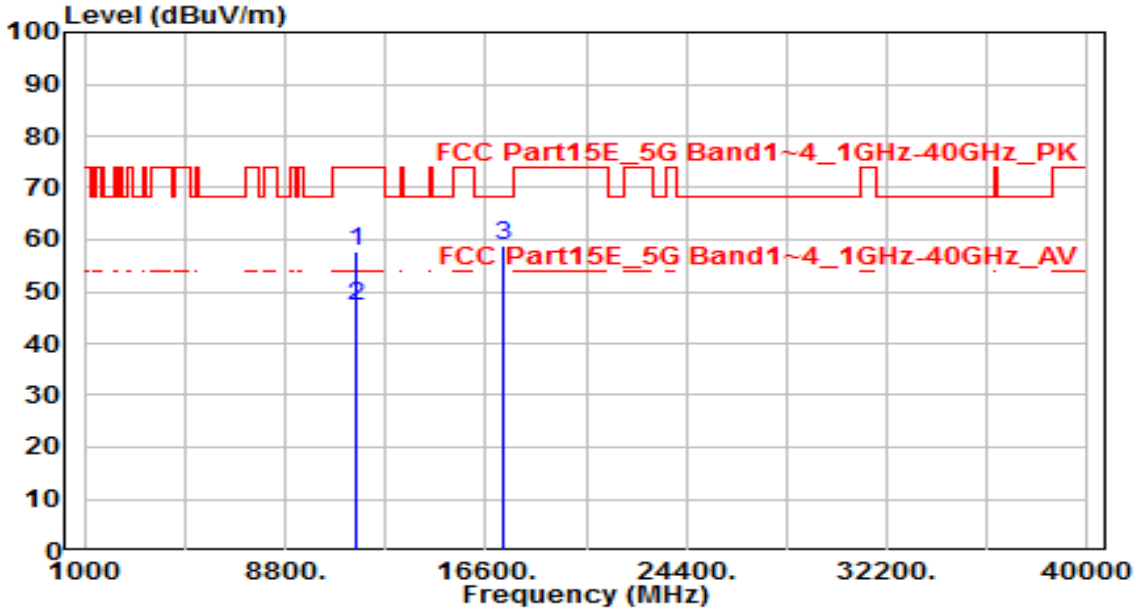


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	33.56	19.94	53.49	-20.51	74.00	100	360	Peak
2	*	17325.000	31.89	26.67	58.56	-9.64	68.20	100	360	Peak

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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D & BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11550.000	37.63	19.94	57.57	-16.43	74.00	110	40	Peak
2	*	11550.000	27.36	19.94	47.30	-6.70	54.00	110	40	Average
3		17325.000	32.18	26.67	58.86	-9.34	68.20	100	360	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.

7.8. Radiated Restricted Band Edge Measurement

7.8.1.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 exceedane.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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section II)G

7.8.3.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

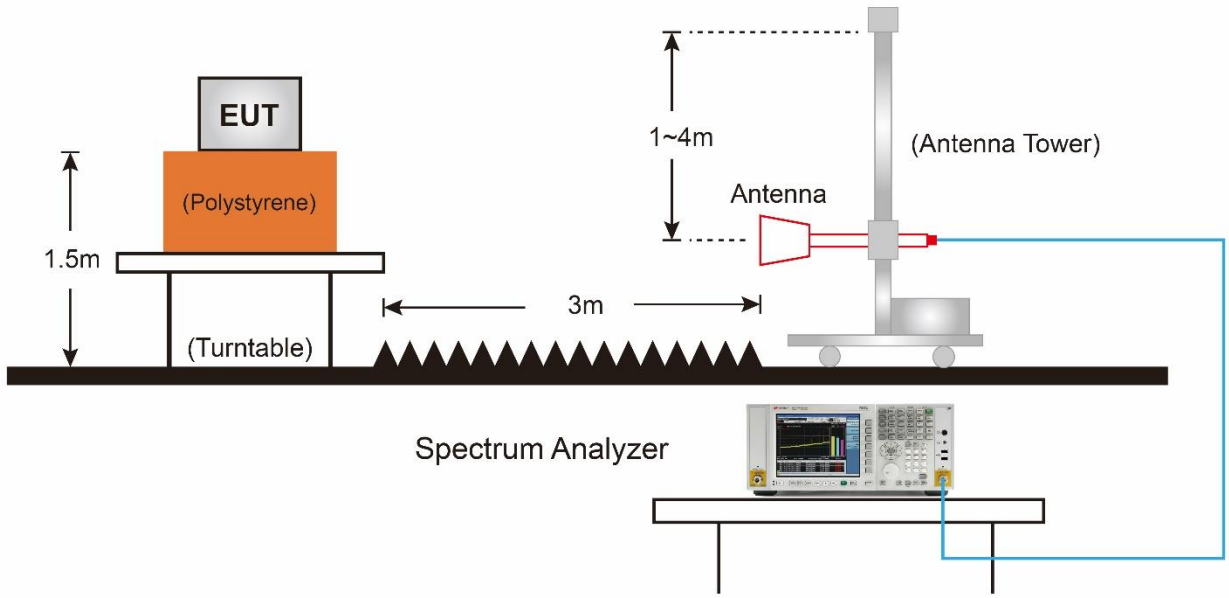
3. VBWIf the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

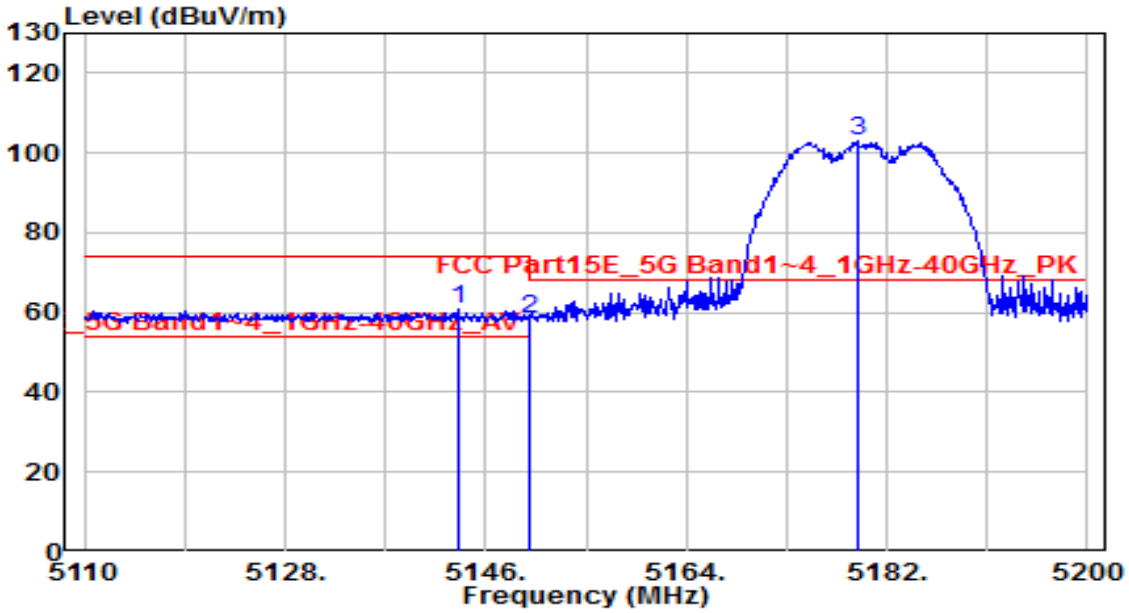
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.8.4.Test Setup



7.8.5.Test Result

EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

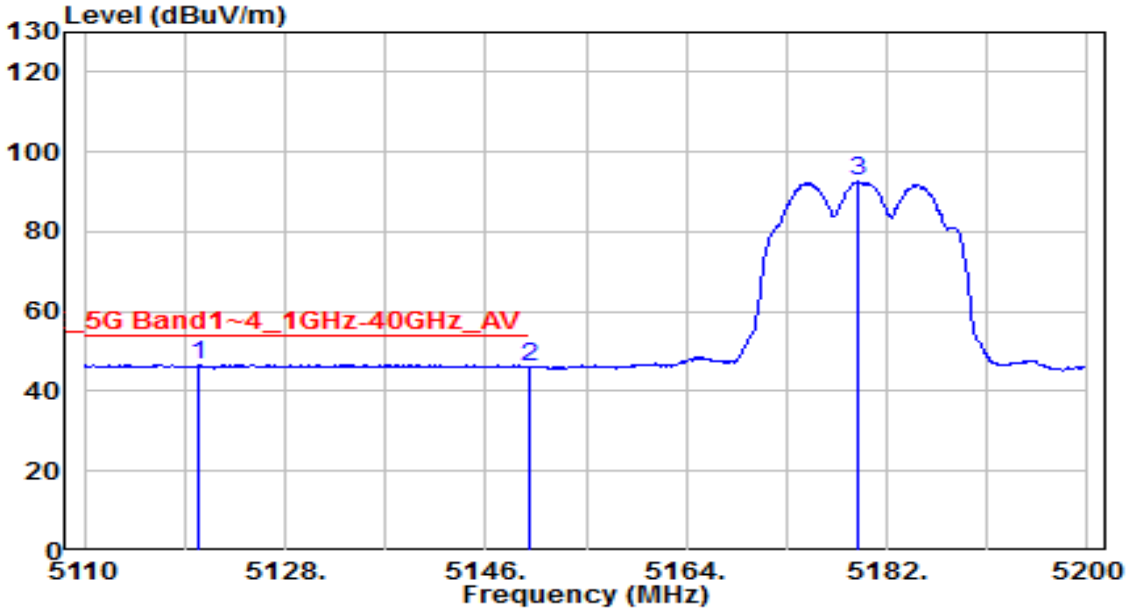


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5143.480	56.63	4.19	60.81	-13.19	74.00	150	90	Peak
2		5150.000	54.35	4.20	58.54	-15.46	74.00	150	90	Peak
3		5179.300	98.54	4.24	102.78	N/A	N/A	150	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

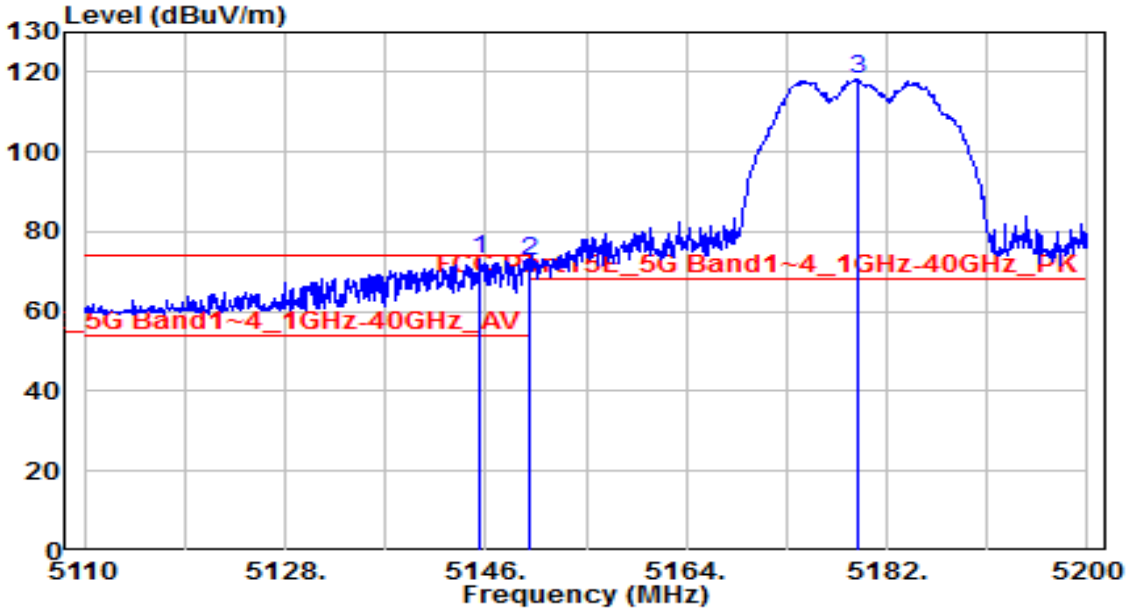


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5120.260	42.56	4.15	46.70	-7.30	54.00	150	90	Average
2		5150.000	41.96	4.20	46.15	-7.85	54.00	150	90	Average
3		5179.390	88.31	4.24	92.56	N/A	N/A	150	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

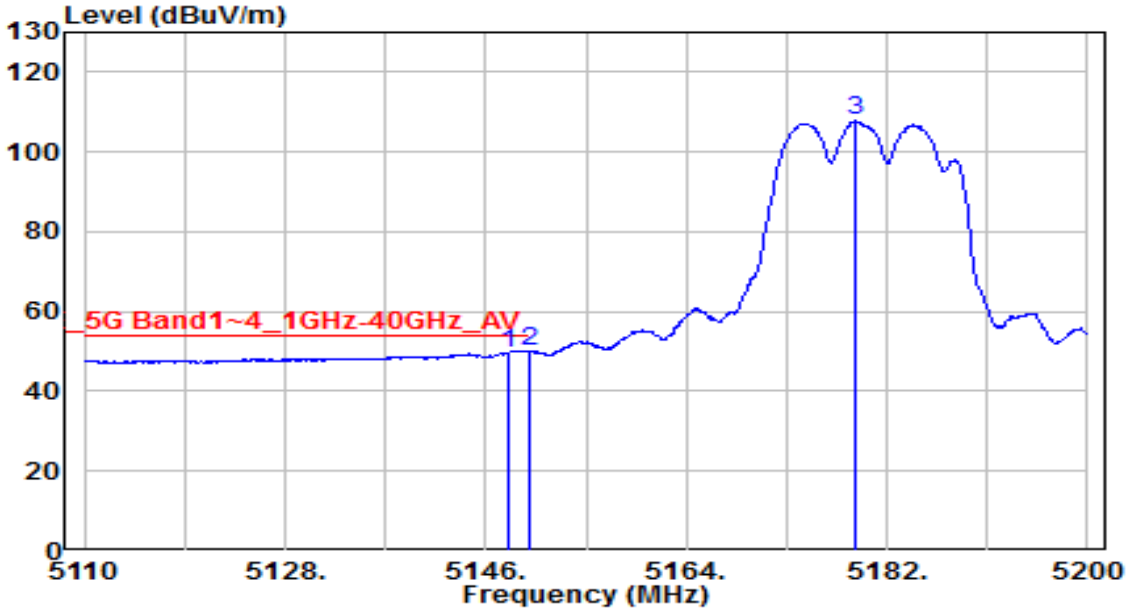


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5145.460	68.92	4.19	73.11	-0.89	74.00	130	350	Peak
2		5150.000	68.34	4.20	72.53	-1.47	74.00	130	350	Peak
3		5179.480	114.05	4.24	118.29	N/A	N/A	130	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

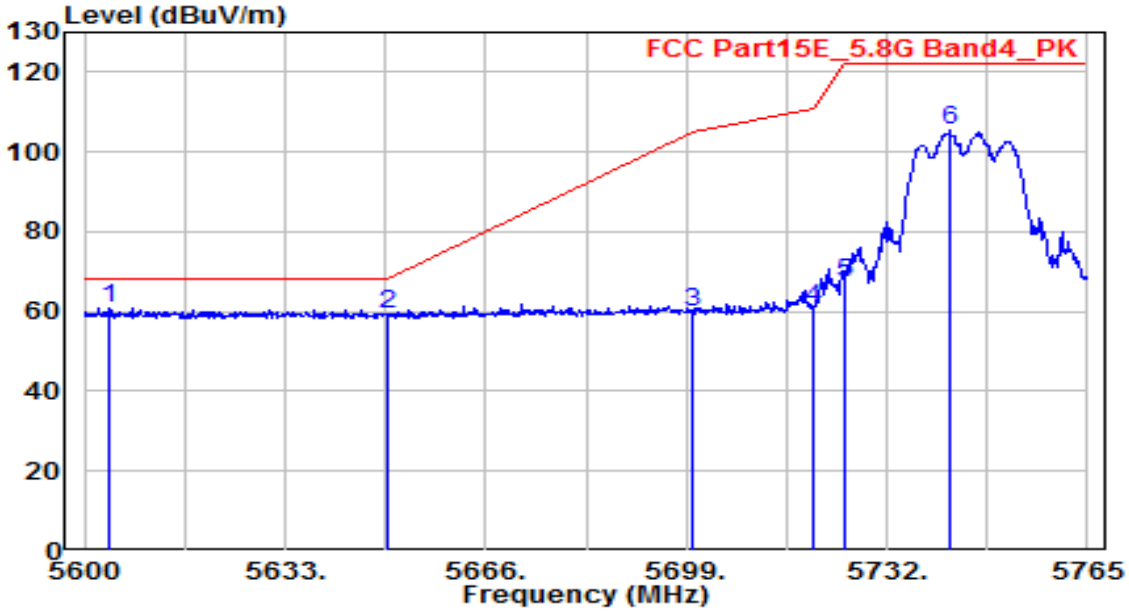


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5147.980	45.46	4.19	49.65	-4.35	54.00	130	350	Average
2	*	5150.000	45.82	4.20	50.02	-3.98	54.00	130	350	Average
3		5179.120	103.61	4.24	107.85	N/A	N/A	130	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

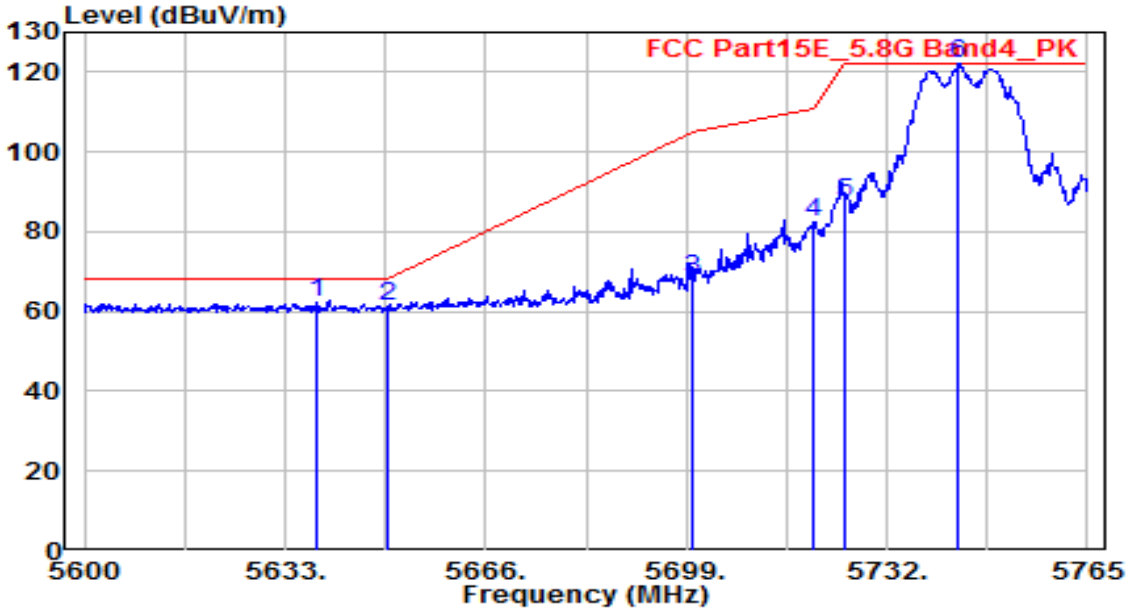


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5604.125	55.78	5.15	60.93	-7.27	68.20	140	110	Peak
2		5650.000	53.84	5.32	59.16	-9.04	68.20	140	110	Peak
3		5700.000	54.52	5.50	60.02	-45.18	105.20	140	110	Peak
4		5720.000	55.42	5.57	60.99	-49.81	110.80	140	110	Peak
5		5725.000	61.83	5.59	67.42	-54.78	122.20	140	110	Peak
6		5742.395	99.80	5.65	105.45	N/A	N/A	140	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

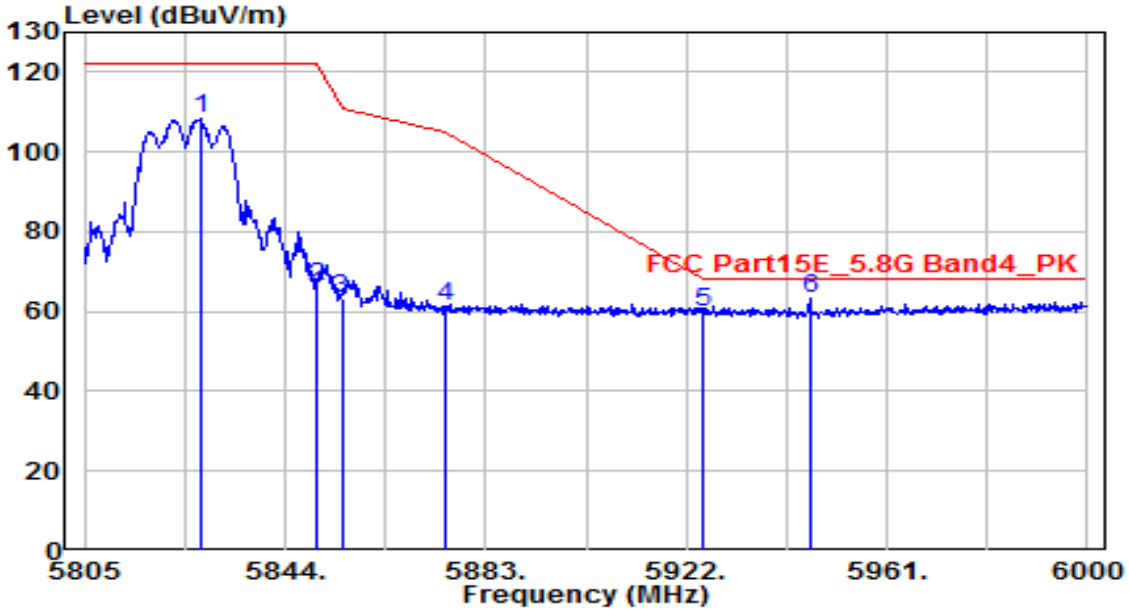


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5638.280	56.79	5.27	62.06	-6.14	68.20	155	175	Peak
2		5650.000	55.85	5.32	61.17	-7.03	68.20	155	175	Peak
3		5700.000	62.94	5.50	68.43	-36.77	105.20	155	175	Peak
4		5720.000	76.67	5.57	82.24	-28.56	110.80	155	175	Peak
5		5725.000	81.81	5.59	87.40	-34.80	122.20	155	175	Peak
6		5743.715	116.32	5.66	121.98	N/A	N/A	155	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

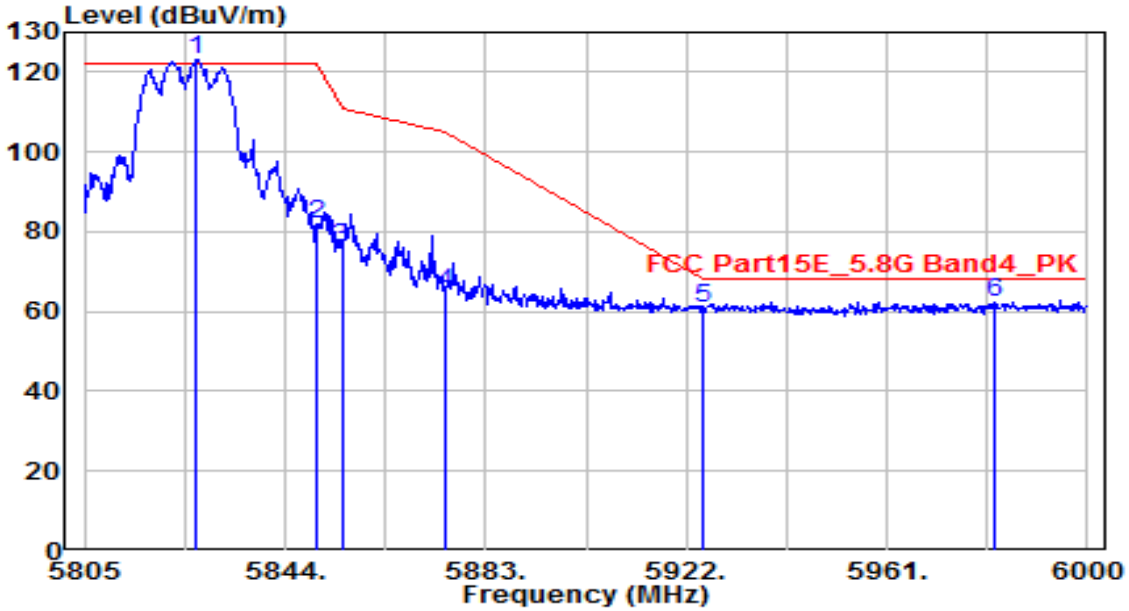


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5827.620	102.49	5.96	108.46	N/A	N/A	150	20	Peak
2		5850.000	60.23	6.04	66.27	-55.93	122.20	150	20	Peak
3		5855.000	57.39	6.06	63.45	-47.35	110.80	150	20	Peak
4		5875.000	55.42	6.13	61.55	-43.65	105.20	150	20	Peak
5		5925.000	53.58	6.32	59.90	-8.30	68.20	150	20	Peak
6	*	5945.985	56.70	6.39	63.09	-5.11	68.20	150	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) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

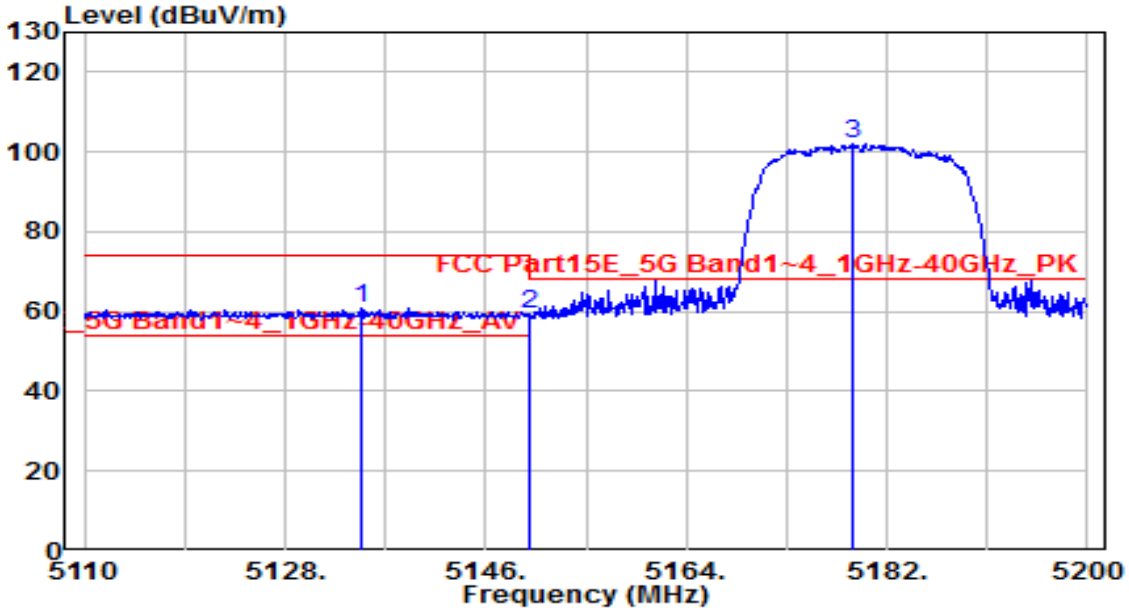


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.840	116.96	5.96	122.92	N/A	N/A	170	225	Peak
2		5850.000	75.71	6.04	81.76	-40.44	122.20	170	225	Peak
3		5855.000	69.85	6.06	75.92	-34.88	110.80	170	225	Peak
4		5875.000	58.47	6.13	64.61	-40.59	105.20	170	225	Peak
5		5925.000	54.60	6.32	60.92	-7.28	68.20	170	225	Peak
6	*	5981.865	55.98	6.52	62.50	-5.70	68.20	170	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

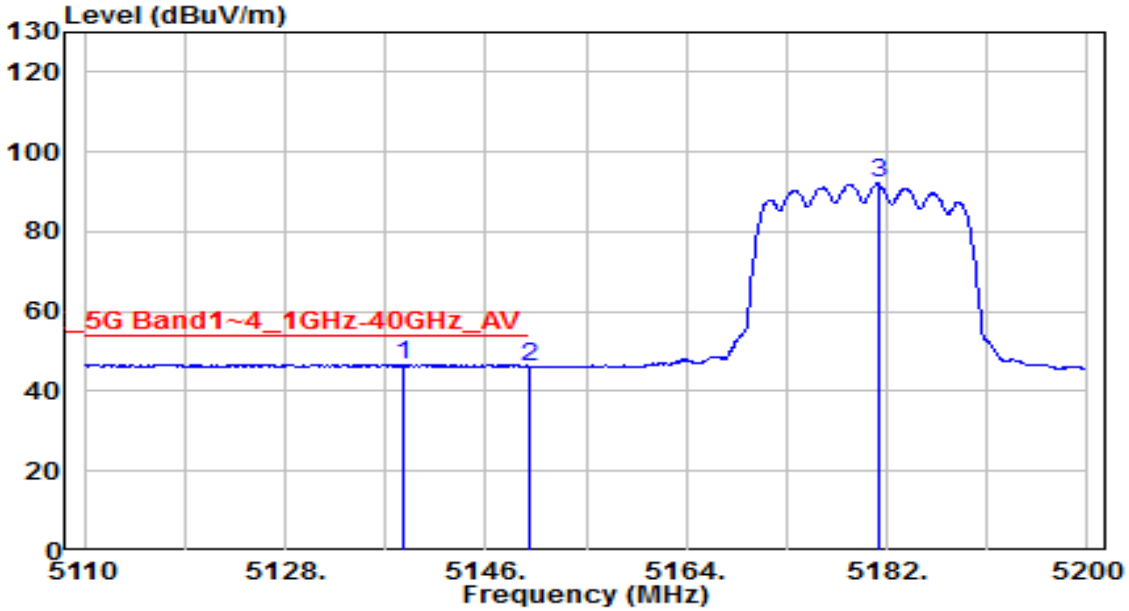


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5134.750	56.87	4.17	61.04	-12.96	74.00	150	90	Peak
2		5150.000	55.15	4.20	59.35	-14.65	74.00	150	90	Peak
3		5179.030	97.72	4.24	101.96	N/A	N/A	150	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

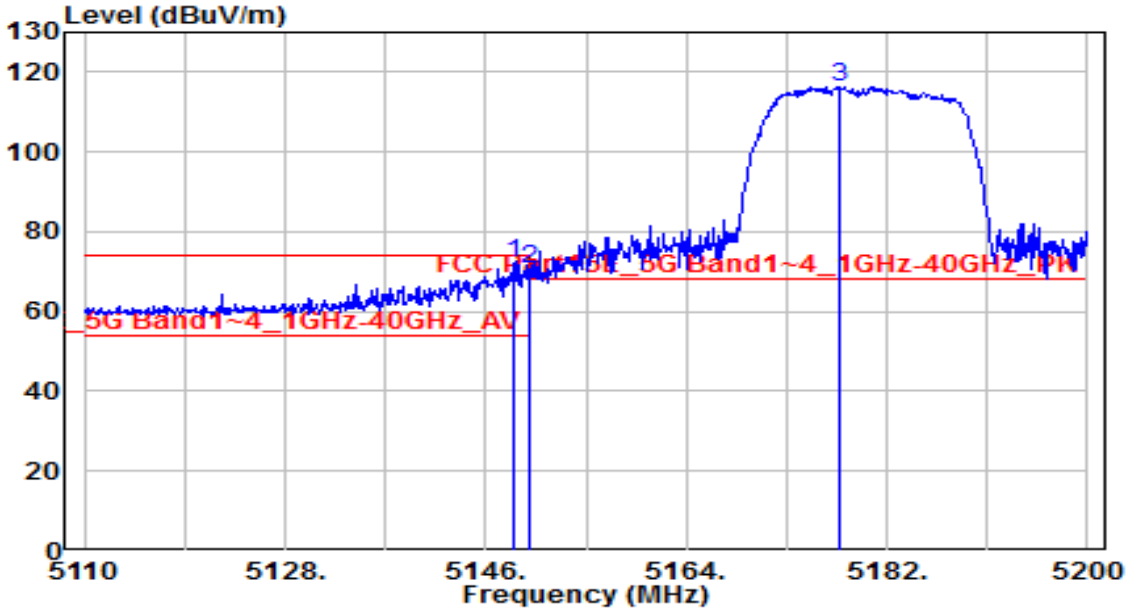


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5138.530	42.49	4.18	46.67	-7.33	54.00	150	90	Average
2		5150.000	42.05	4.20	46.24	-7.76	54.00	150	90	Average
3		5181.190	87.83	4.25	92.08	N/A	N/A	150	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

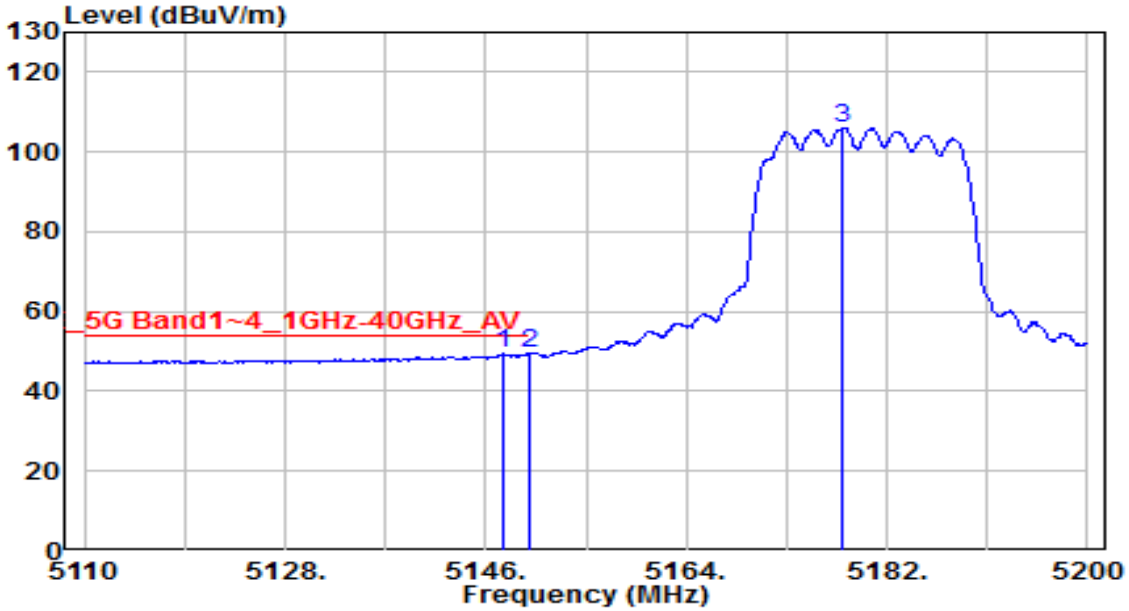


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.430	68.02	4.19	72.22	-1.78	74.00	145	15	Peak
2		5150.000	66.50	4.20	70.70	-3.30	74.00	145	15	Peak
3		5177.680	112.14	4.24	116.38	N/A	N/A	145	15	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

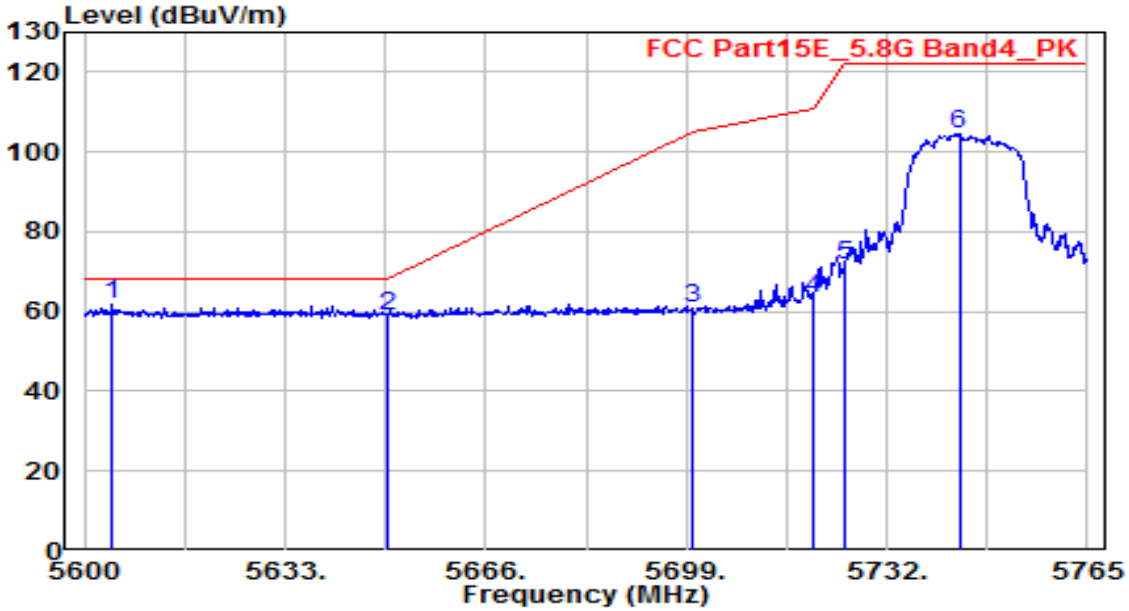


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5147.620	45.11	4.19	49.31	-4.69	54.00	145	15	Average
2	*	5150.000	45.22	4.20	49.42	-4.58	54.00	145	15	Average
3		5178.040	101.79	4.24	106.04	N/A	N/A	145	15	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

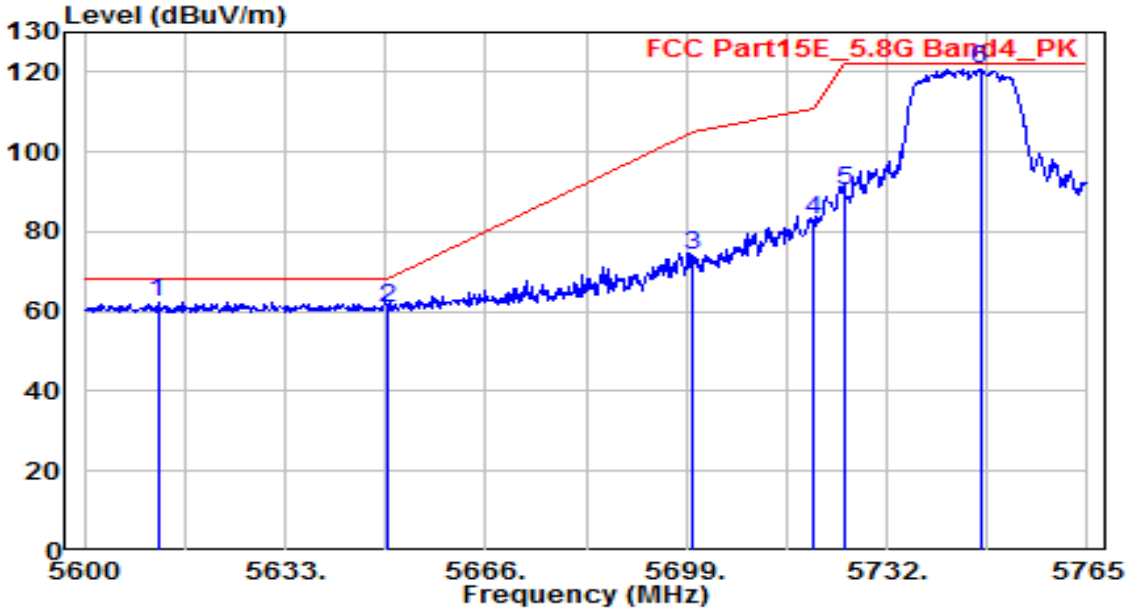


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5604.620	56.47	5.15	61.62	-6.58	68.20	140	110	Peak
2		5650.000	53.65	5.32	58.97	-9.23	68.20	140	110	Peak
3		5700.000	55.28	5.50	60.78	-44.42	105.20	140	110	Peak
4		5720.000	57.82	5.57	63.39	-47.41	110.80	140	110	Peak
5		5725.000	65.96	5.59	71.55	-50.65	122.20	140	110	Peak
6		5743.880	98.76	5.66	104.42	N/A	N/A	140	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

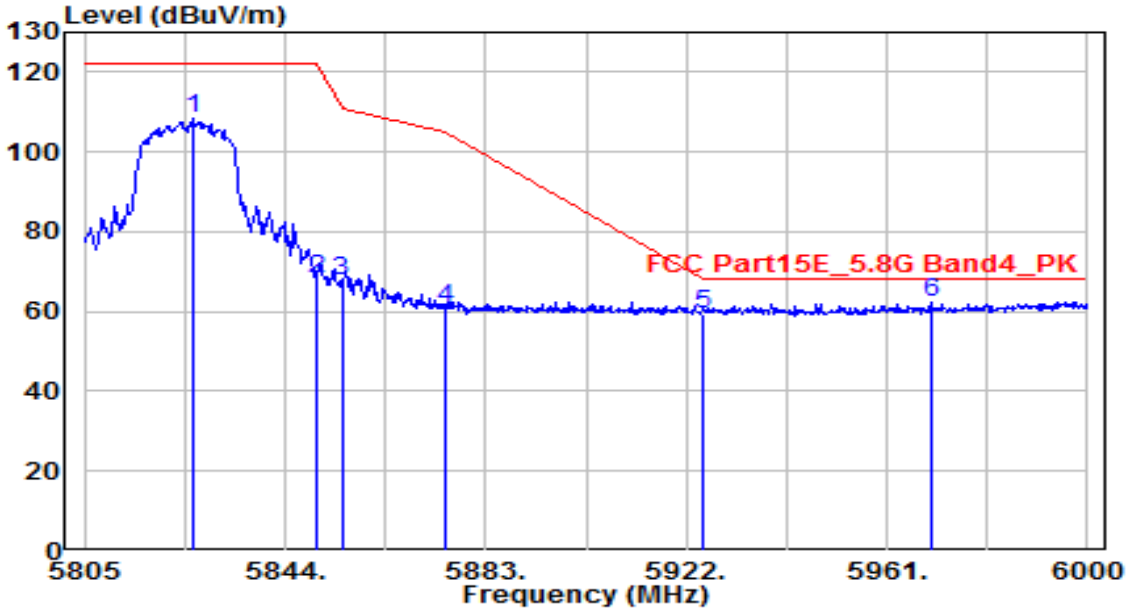


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5612.045	57.24	5.18	62.42	-5.78	68.20	155	175	Peak
2		5650.000	55.30	5.32	60.61	-7.59	68.20	155	175	Peak
3		5700.000	68.34	5.50	73.84	-31.36	105.20	155	175	Peak
4		5720.000	77.43	5.57	83.00	-27.80	110.80	155	175	Peak
5		5725.000	84.72	5.59	90.31	-31.89	122.20	155	175	Peak
6		5747.345	115.09	5.67	120.76	N/A	N/A	155	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

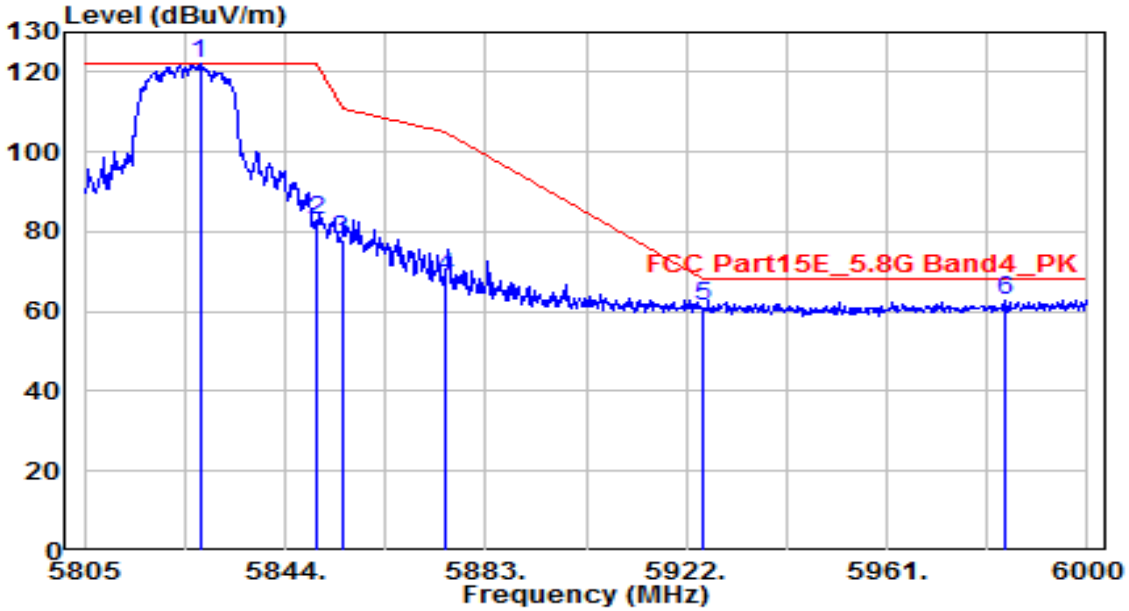


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.060	102.30	5.96	108.26	N/A	N/A	150	20	Peak
2		5850.000	62.38	6.04	68.42	-53.78	122.20	150	20	Peak
3		5855.000	61.76	6.06	67.82	-42.98	110.80	150	20	Peak
4		5875.000	54.90	6.13	61.04	-44.16	105.20	150	20	Peak
5		5925.000	53.20	6.32	59.51	-8.69	68.20	150	20	Peak
6	*	5969.775	55.65	6.48	62.13	-6.07	68.20	150	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) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

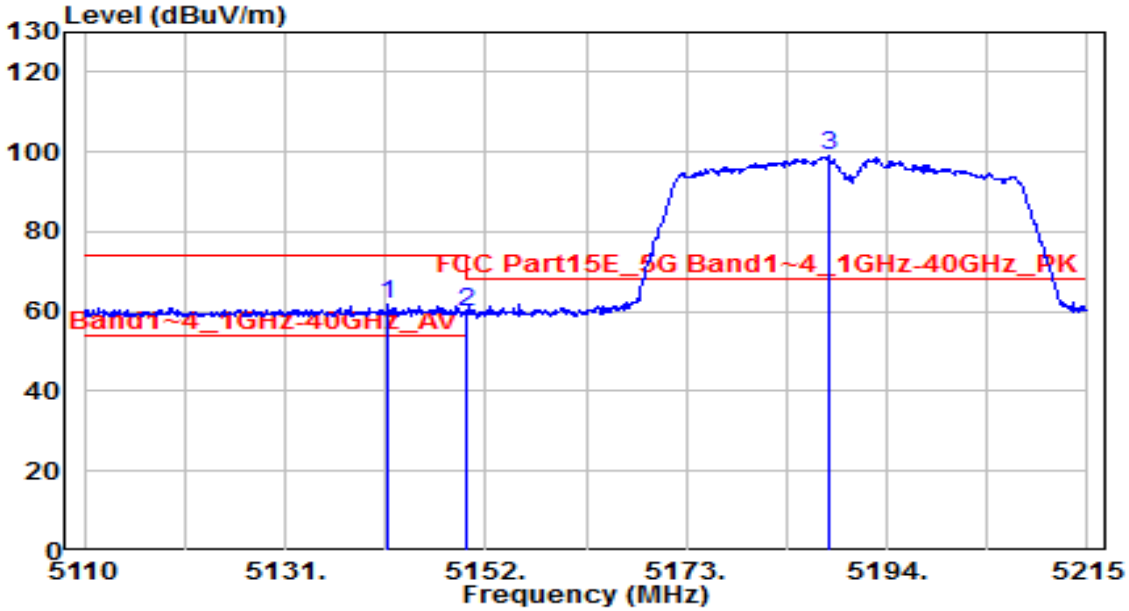


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5827.425	115.98	5.96	121.94	N/A	N/A	170	225	Peak
2		5850.000	76.96	6.04	83.00	-39.20	122.20	170	225	Peak
3		5855.000	72.02	6.06	78.08	-32.72	110.80	170	225	Peak
4		5875.000	62.72	6.13	68.86	-36.34	105.20	170	225	Peak
5		5925.000	54.90	6.32	61.22	-6.98	68.20	170	225	Peak
6	*	5984.010	56.37	6.53	62.91	-5.29	68.20	170	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

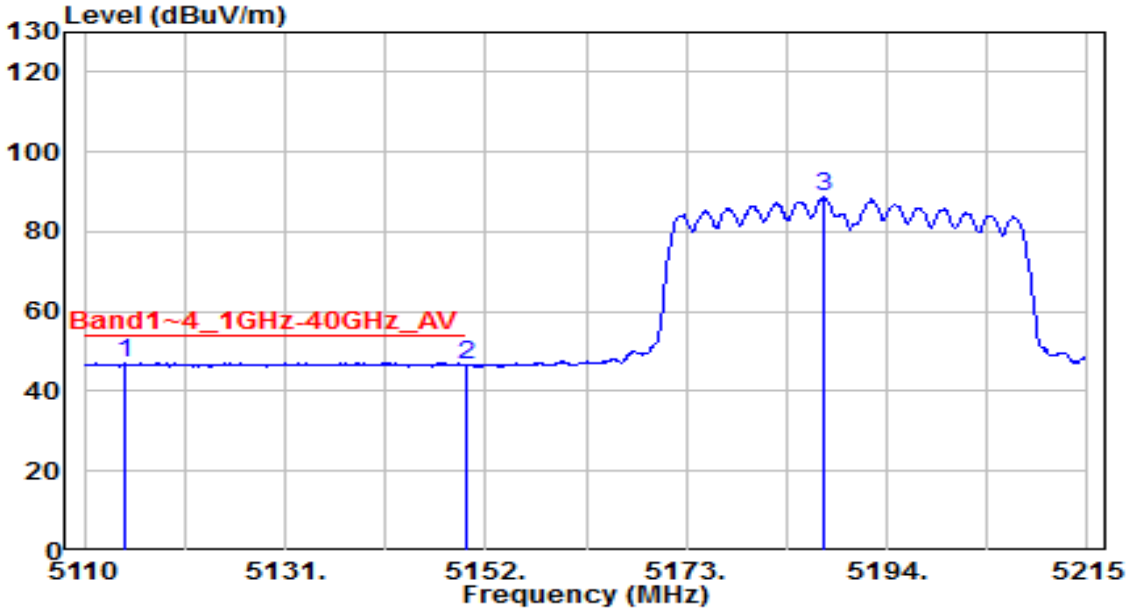


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.815	57.63	4.18	61.81	-12.19	74.00	150	90	Peak
2		5150.000	55.54	4.20	59.73	-14.27	74.00	150	90	Peak
3		5188.015	94.71	4.26	98.97	N/A	N/A	150	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

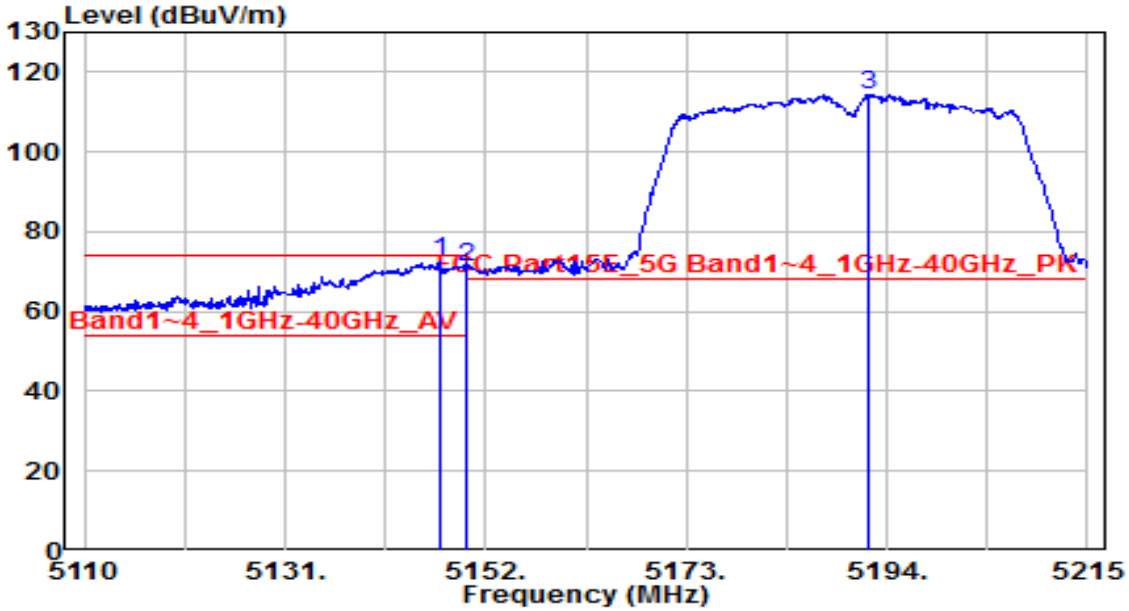


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5114.200	43.07	4.14	47.21	-6.79	54.00	150	90	Average
2		5150.000	42.40	4.20	46.60	-7.40	54.00	150	90	Average
3		5187.385	84.31	4.26	88.57	N/A	N/A	150	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

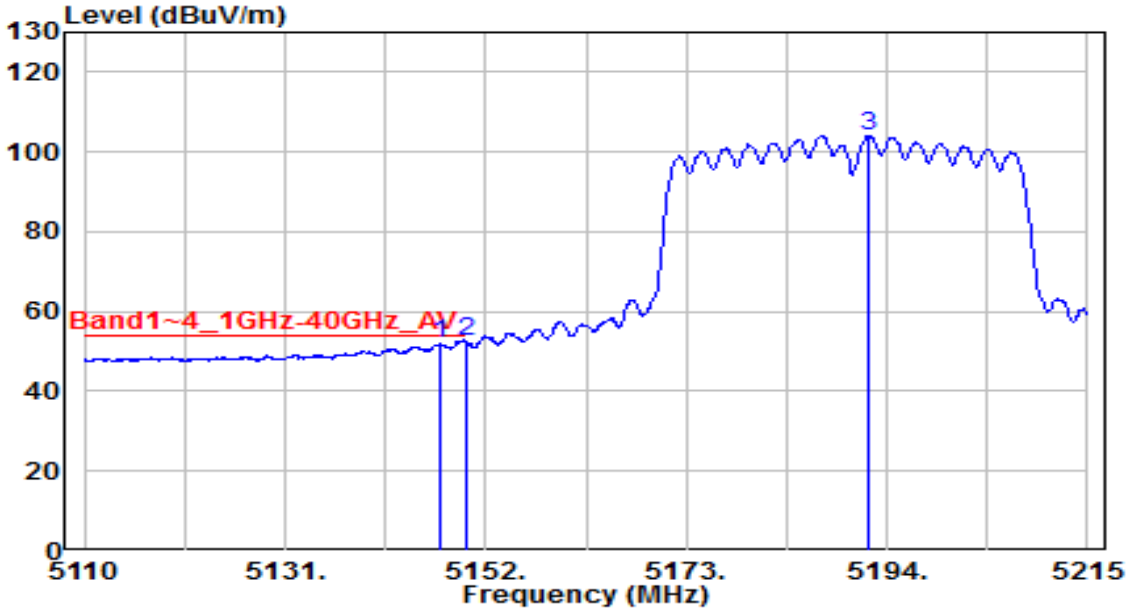


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.170	68.24	4.19	72.43	-1.57	74.00	140	350	Peak
2		5150.000	67.15	4.20	71.34	-2.66	74.00	140	350	Peak
3		5192.005	110.20	4.26	114.47	N/A	N/A	140	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

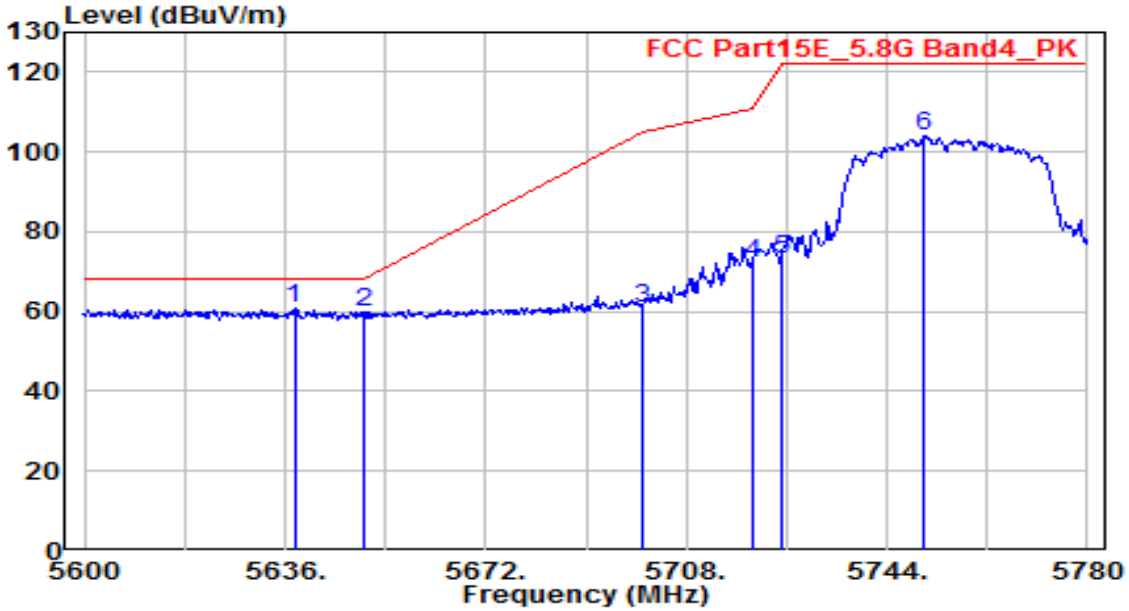


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5147.275	47.70	4.19	51.89	-2.11	54.00	140	350	Average
2	*	5150.000	48.33	4.20	52.52	-1.48	54.00	140	350	Average
3		5192.110	99.76	4.27	104.02	N/A	N/A	140	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

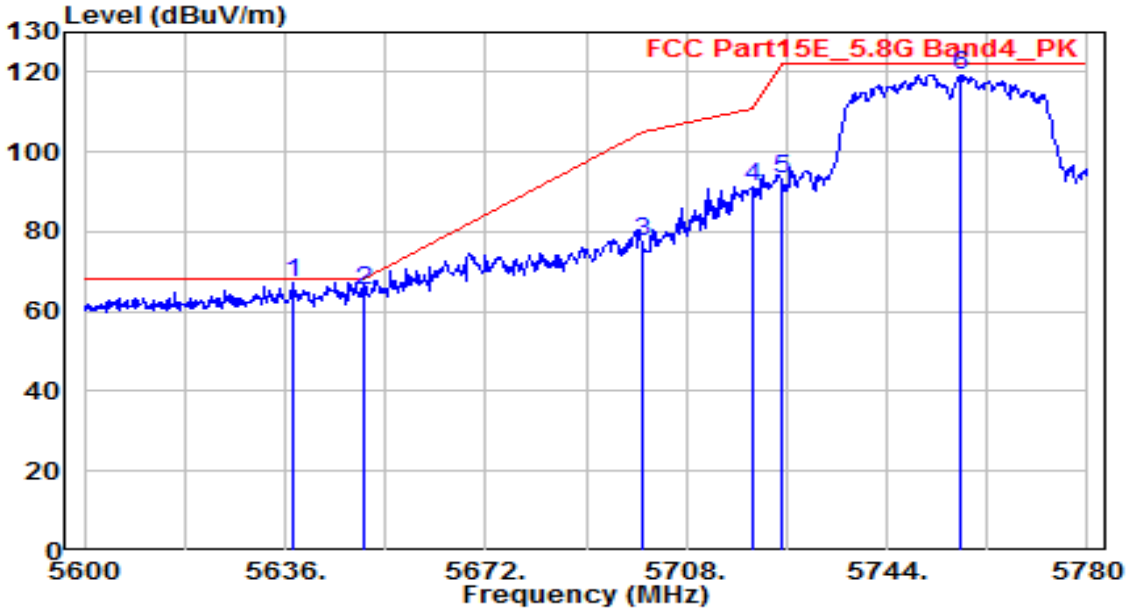


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5637.660	55.47	5.27	60.74	-7.46	68.20	145	110	Peak
2		5650.000	54.66	5.32	59.98	-8.22	68.20	145	110	Peak
3		5700.000	55.34	5.50	60.84	-44.36	105.20	145	110	Peak
4		5720.000	66.65	5.57	72.22	-38.58	110.80	145	110	Peak
5		5725.000	67.69	5.59	73.28	-48.92	122.20	145	110	Peak
6		5750.520	98.17	5.68	103.86	N/A	N/A	145	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

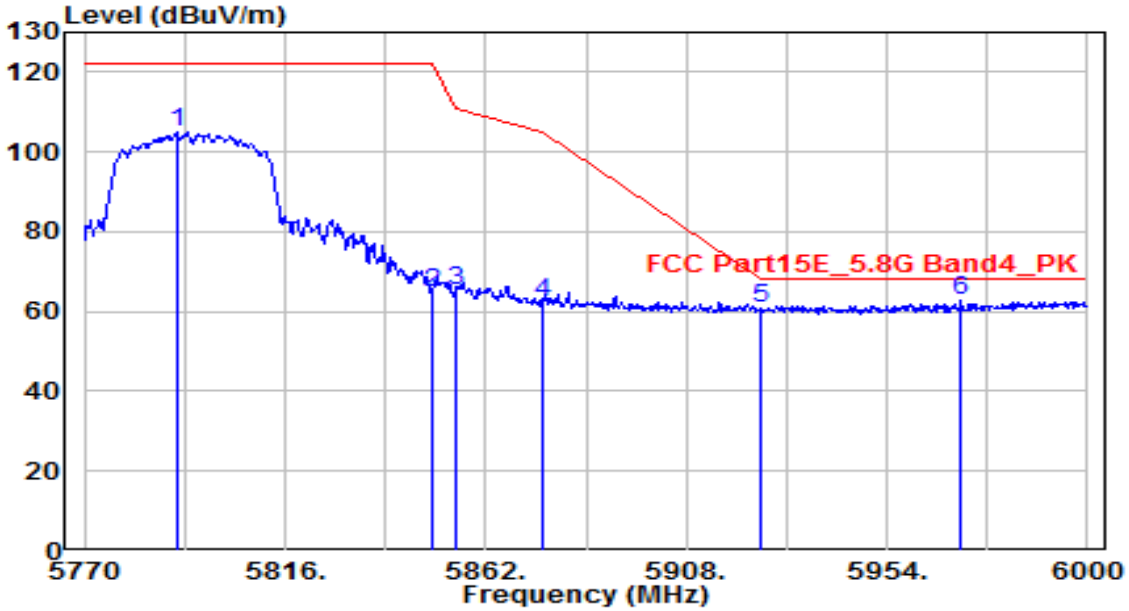


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5637.620	62.09	5.27	67.36	-0.84	68.20	150	175	Peak
2		5650.000	59.90	5.32	65.22	-2.98	68.20	150	175	Peak
3		5700.000	71.84	5.50	77.34	-27.86	105.20	150	175	Peak
4		5720.000	85.45	5.57	91.02	-19.78	110.80	150	175	Peak
5		5725.000	87.80	5.59	93.39	-28.81	122.20	150	175	Peak
6		5757.140	113.65	5.71	119.36	N/A	N/A	150	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

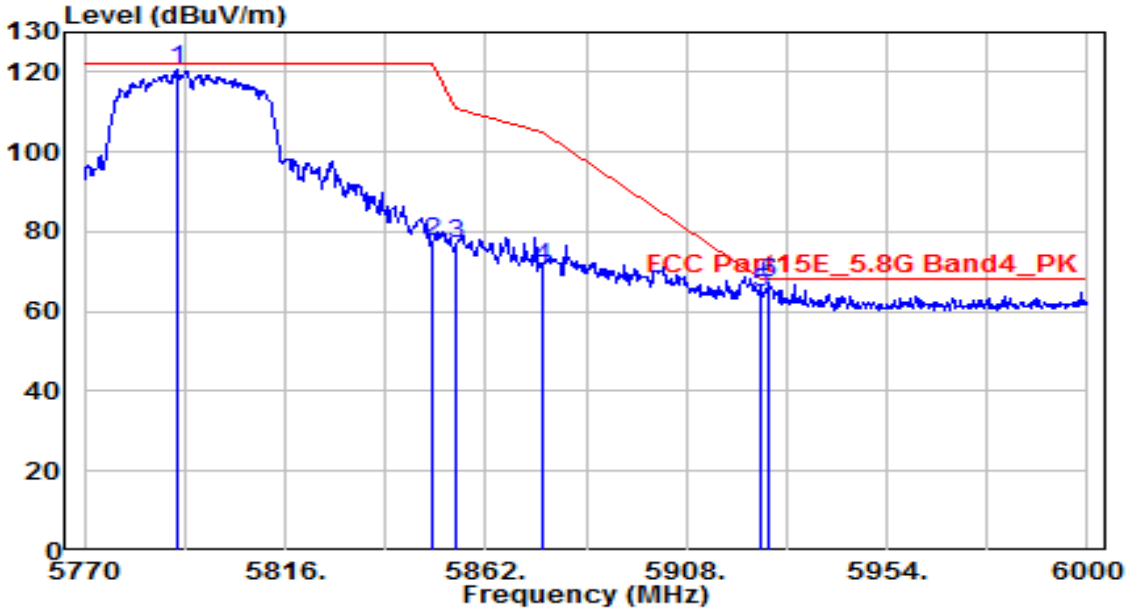


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5791.160	99.27	5.83	105.10	N/A	N/A	150	20	Peak
2		5850.000	58.72	6.04	64.76	-57.44	122.20	150	20	Peak
3		5855.000	59.12	6.06	65.18	-45.62	110.80	150	20	Peak
4		5875.000	55.99	6.13	62.13	-43.07	105.20	150	20	Peak
5		5925.000	54.61	6.32	60.92	-7.28	68.20	150	20	Peak
6	*	5970.790	56.54	6.48	63.02	-5.18	68.20	150	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) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

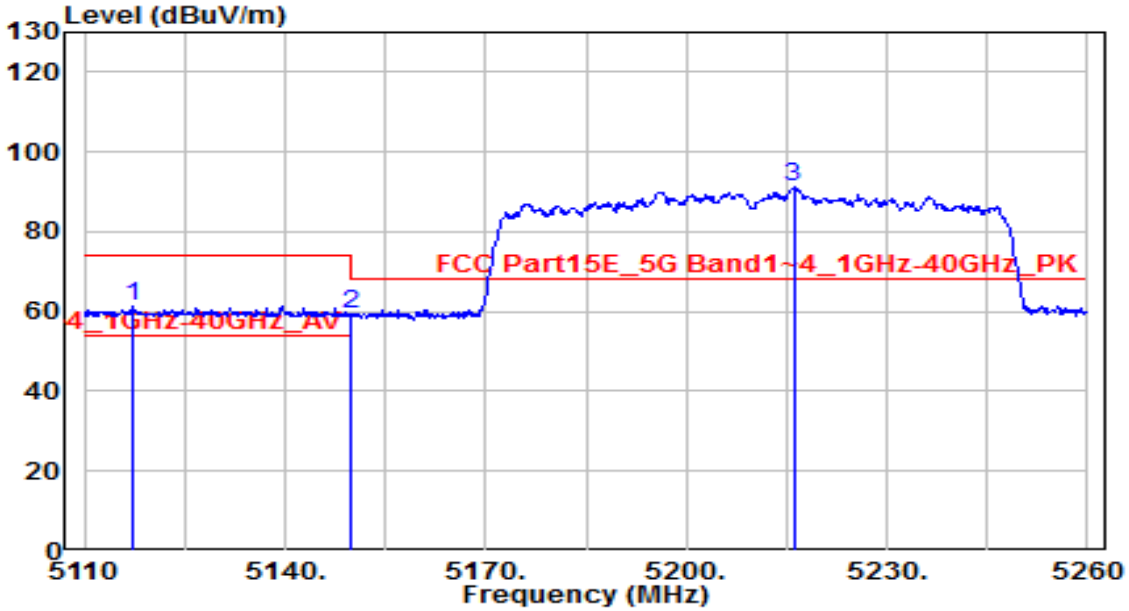


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5791.160	114.62	5.83	120.45	N/A	N/A	170	225	Peak
2		5850.000	71.61	6.04	77.65	-44.55	122.20	170	225	Peak
3		5855.000	70.86	6.06	76.92	-33.88	110.80	170	225	Peak
4		5875.000	64.88	6.13	71.02	-34.18	105.20	170	225	Peak
5		5925.000	58.67	6.32	64.99	-3.21	68.20	170	225	Peak
6	*	5926.860	61.05	6.32	67.37	-0.83	68.20	170	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

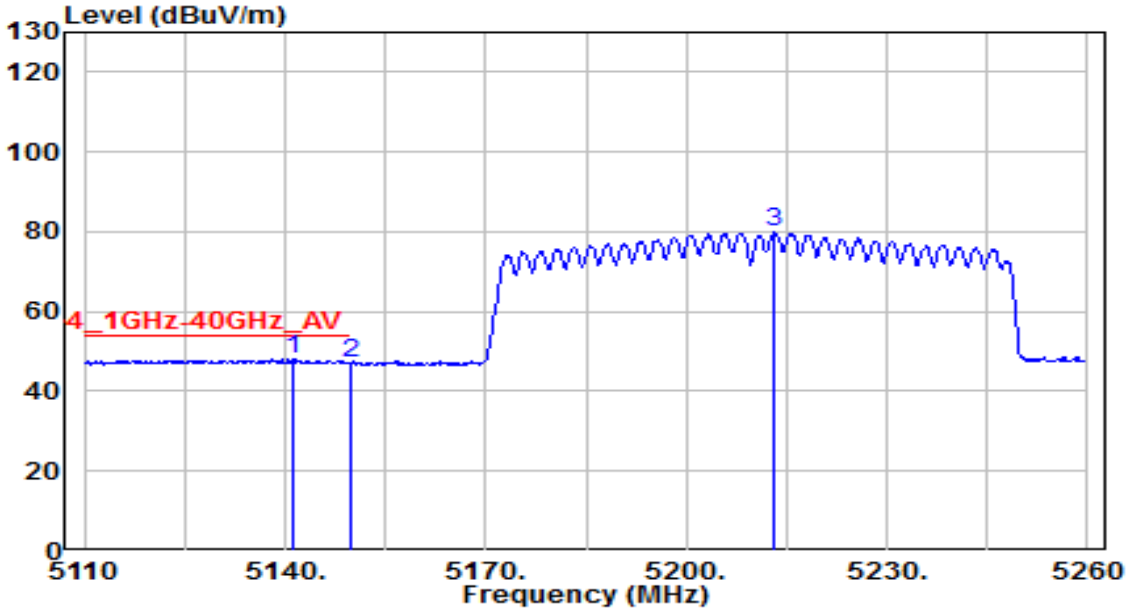


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.200	57.29	4.14	61.43	-12.57	74.00	150	210	Peak
2		5150.000	54.98	4.20	59.17	-14.83	74.00	150	210	Peak
3		5216.050	86.71	4.30	91.01	N/A	N/A	150	210	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

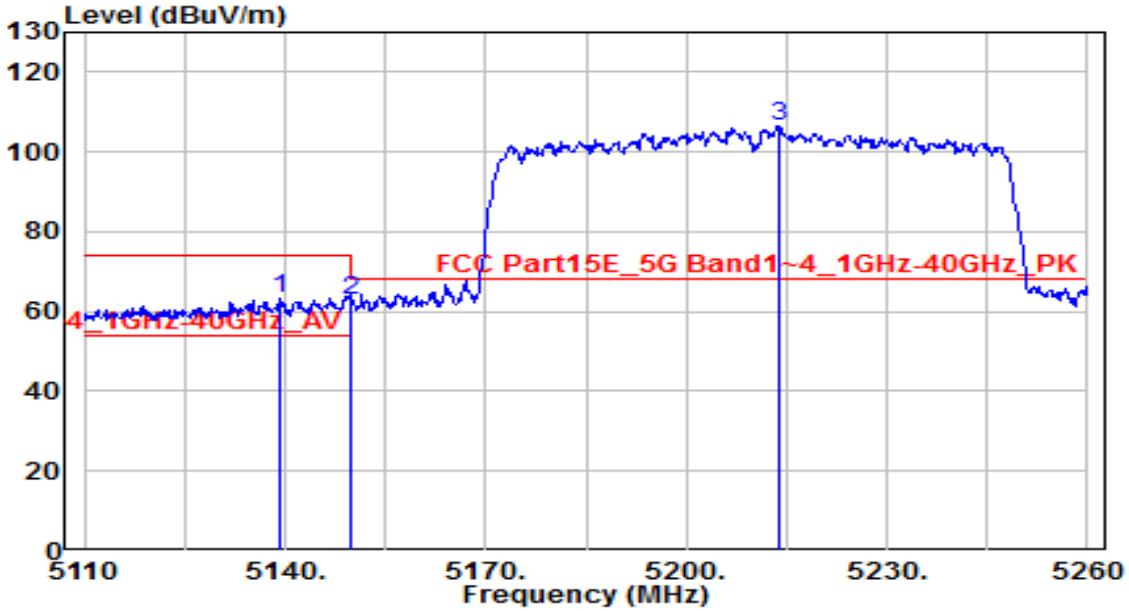


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.350	43.81	4.18	48.00	-6.00	54.00	150	210	Average
2		5150.000	42.84	4.20	47.04	-6.96	54.00	150	210	Average
3		5213.200	75.80	4.30	80.10	N/A	N/A	150	210	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

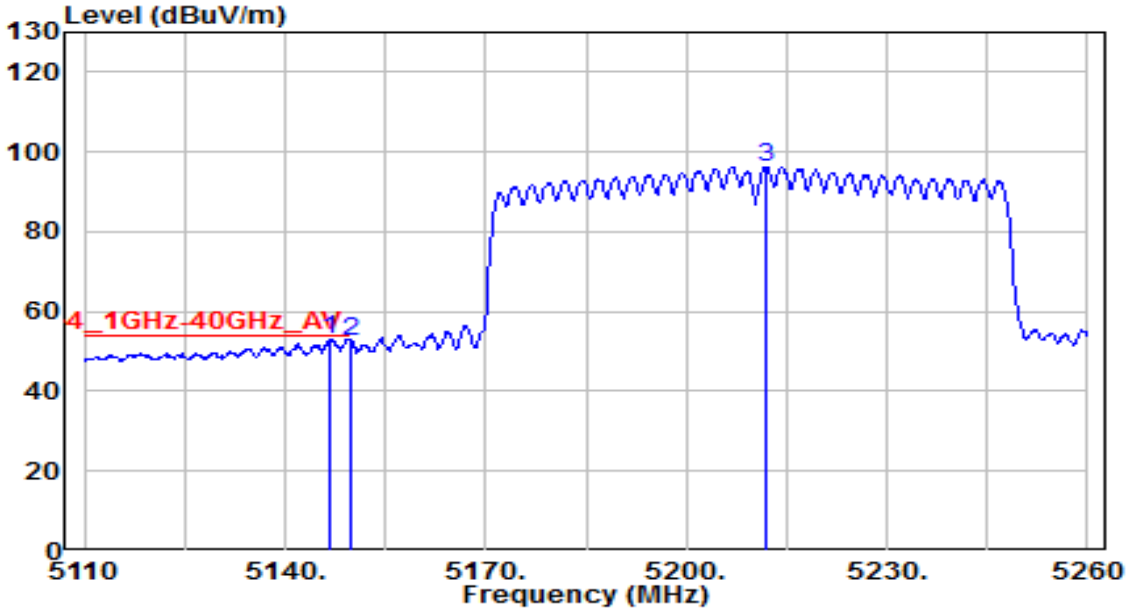


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5139.250	59.10	4.18	63.27	-10.73	74.00	150	120	Peak
2		5150.000	58.67	4.20	62.87	-11.13	74.00	150	120	Peak
3		5213.800	102.26	4.30	106.56	N/A	N/A	150	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D (1GHz~18GHz)_2021	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

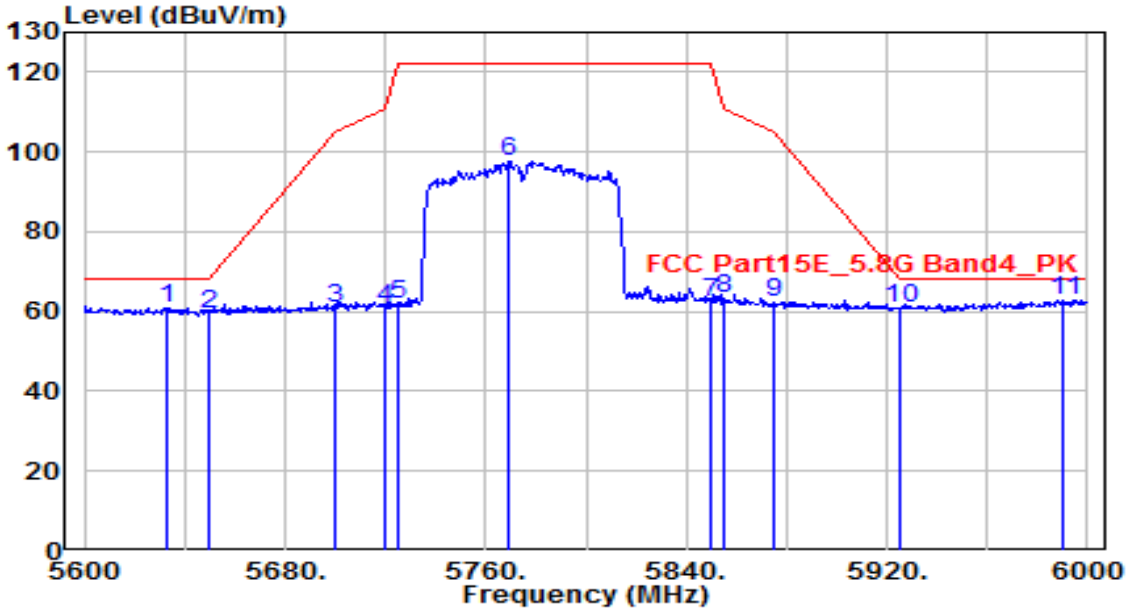


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.750	48.90	4.19	53.09	-0.91	54.00	150	120	Average
2		5150.000	48.21	4.20	52.41	-1.59	54.00	150	120	Average
3		5211.850	92.06	4.30	96.36	N/A	N/A	150	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

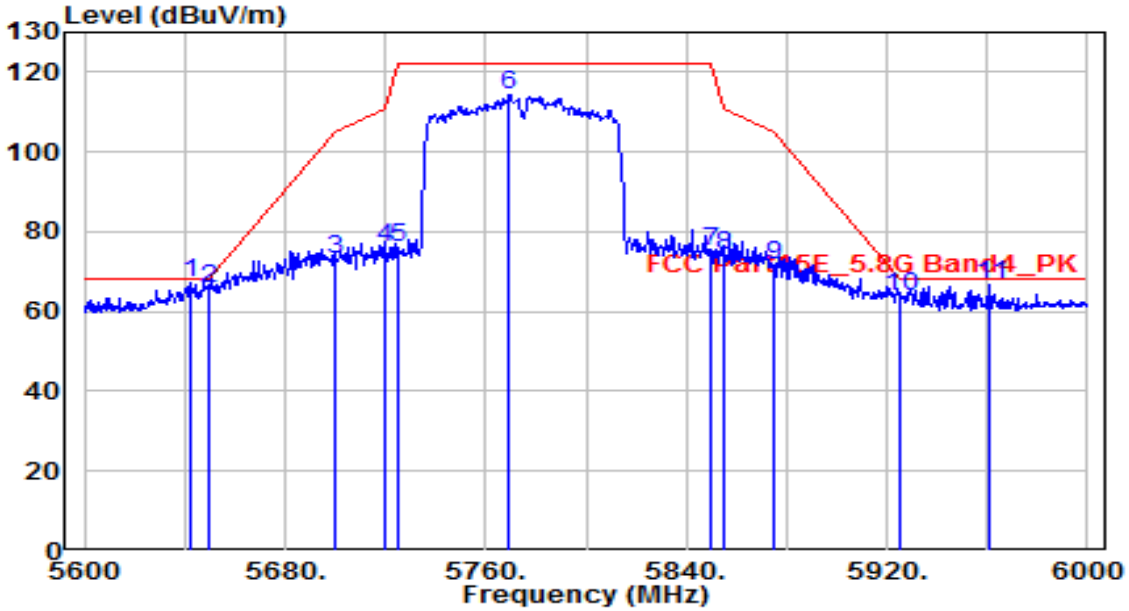


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5632.800	55.55	5.25	60.80	-7.40	68.20	150	110	Peak
2		5650.000	54.26	5.32	59.58	-8.62	68.20	150	110	Peak
3		5700.000	55.39	5.50	60.89	-44.31	105.20	150	110	Peak
4		5720.000	55.47	5.57	61.04	-49.76	110.80	150	110	Peak
5		5725.000	56.06	5.59	61.65	-60.55	122.20	150	110	Peak
6		5769.200	92.07	5.75	97.82	N/A	N/A	150	110	Peak
7		5850.000	56.42	6.04	62.46	-59.74	122.20	150	110	Peak
8		5855.000	57.06	6.06	63.12	-47.68	110.80	150	110	Peak
9		5875.000	56.03	6.13	62.16	-43.04	105.20	150	110	Peak
10		5925.000	54.60	6.32	60.92	-7.28	68.20	150	110	Peak
11	*	5990.400	56.45	6.56	63.01	-5.19	68.20	150	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

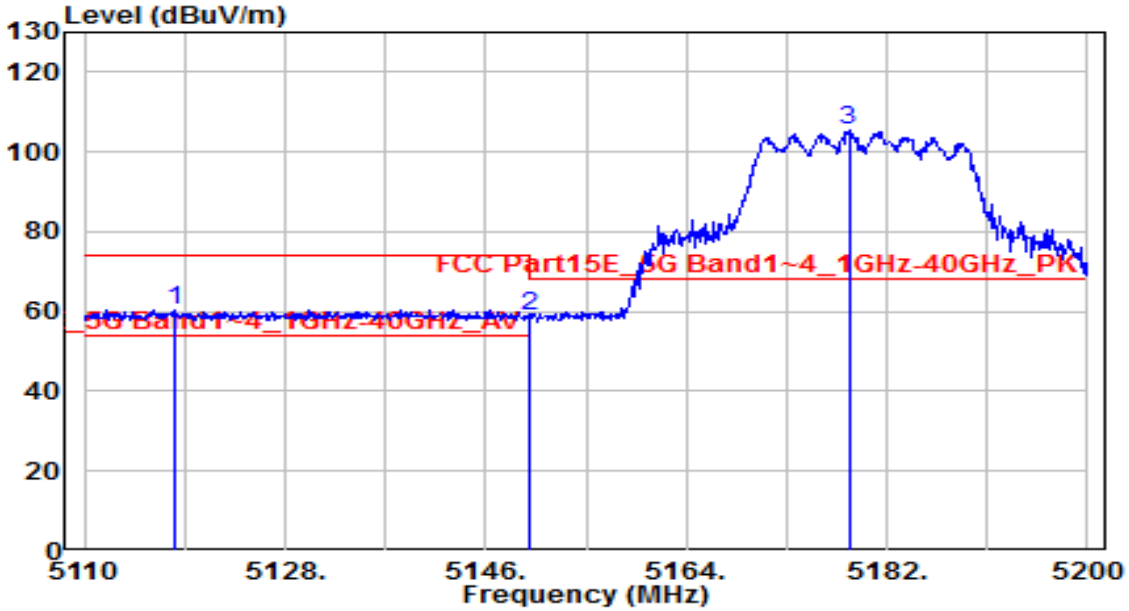


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.800	62.10	5.29	67.39	-0.81	68.20	160	185	Peak
2		5650.000	60.27	5.32	65.58	-2.62	68.20	160	185	Peak
3		5700.000	67.50	5.50	73.00	-32.20	105.20	160	185	Peak
4		5720.000	70.57	5.57	76.14	-34.66	110.80	160	185	Peak
5		5725.000	70.62	5.59	76.21	-45.99	122.20	160	185	Peak
6		5769.600	108.58	5.75	114.33	N/A	N/A	160	185	Peak
7		5850.000	68.88	6.04	74.93	-47.27	122.20	160	185	Peak
8		5855.000	67.81	6.06	73.87	-36.93	110.80	160	185	Peak
9		5875.000	65.39	6.13	71.52	-33.68	105.20	160	185	Peak
10		5925.000	57.54	6.32	63.86	-4.34	68.20	160	185	Peak
11		5961.200	60.40	6.45	66.85	-1.35	68.20	160	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

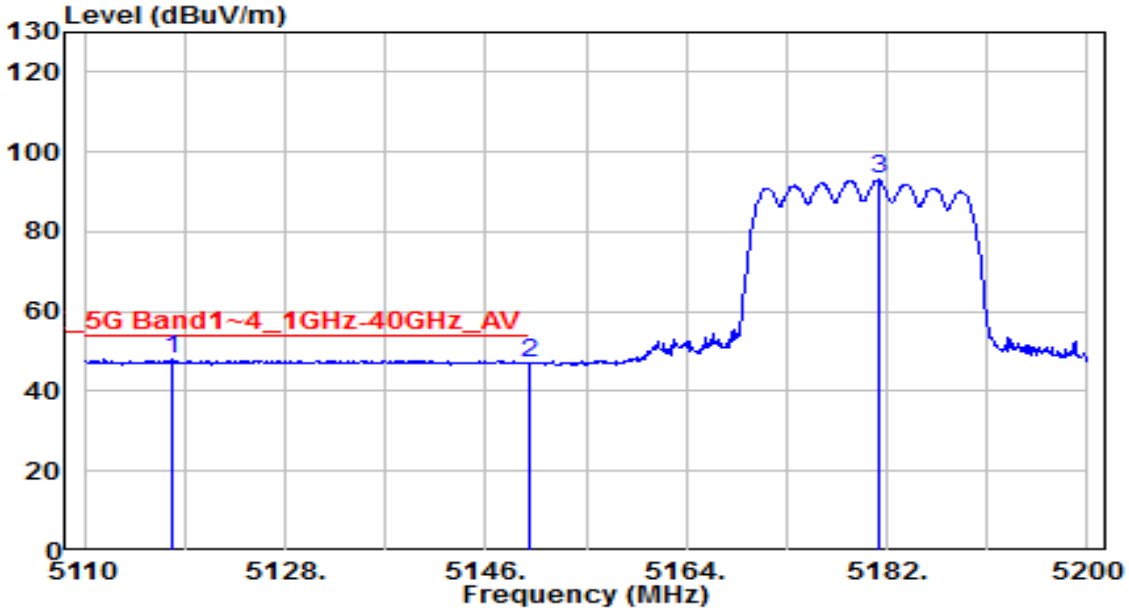


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5118.190	56.43	4.14	60.58	-13.42	74.00	150	90	Peak
2		5150.000	54.58	4.20	58.78	-15.22	74.00	150	90	Peak
3		5178.580	101.02	4.24	105.26	N/A	N/A	150	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

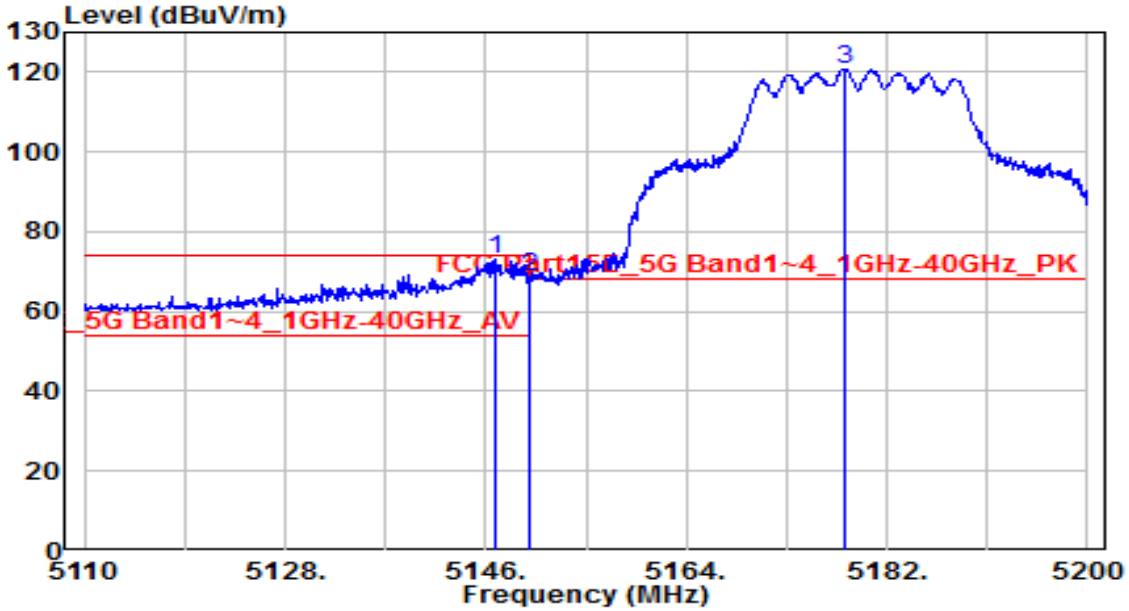


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.920	43.91	4.14	48.05	-5.95	54.00	150	90	Average
2		5150.000	42.95	4.20	47.15	-6.85	54.00	150	90	Average
3		5181.190	88.77	4.25	93.02	N/A	N/A	150	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

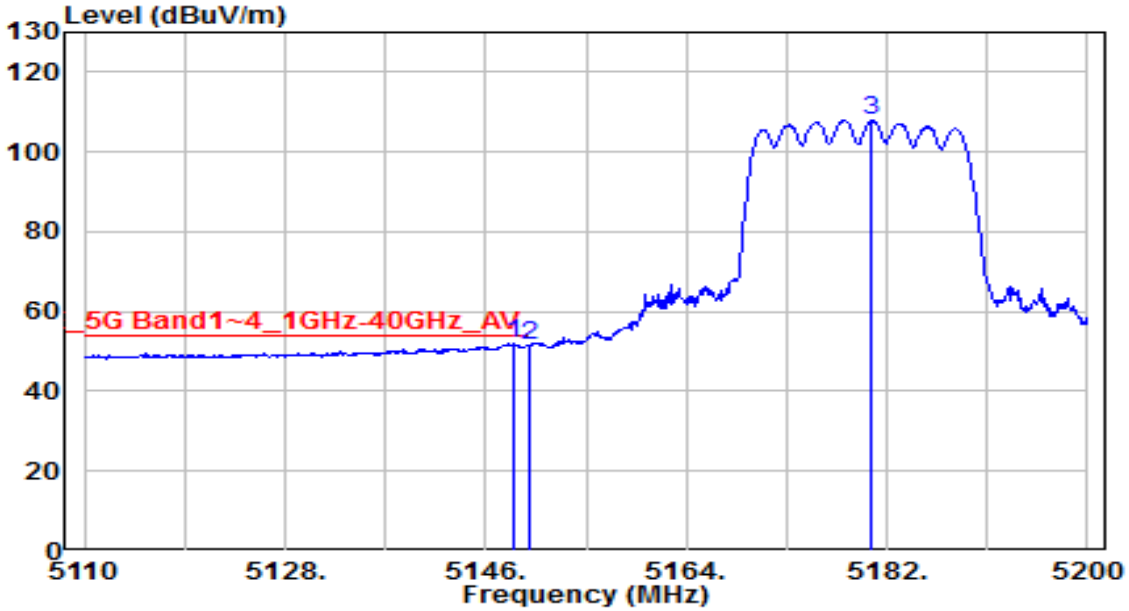


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.810	68.84	4.19	73.03	-0.97	74.00	150	355	Peak
2		5150.000	64.35	4.20	68.55	-5.45	74.00	150	355	Peak
3		5178.310	116.61	4.24	120.85	N/A	N/A	150	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

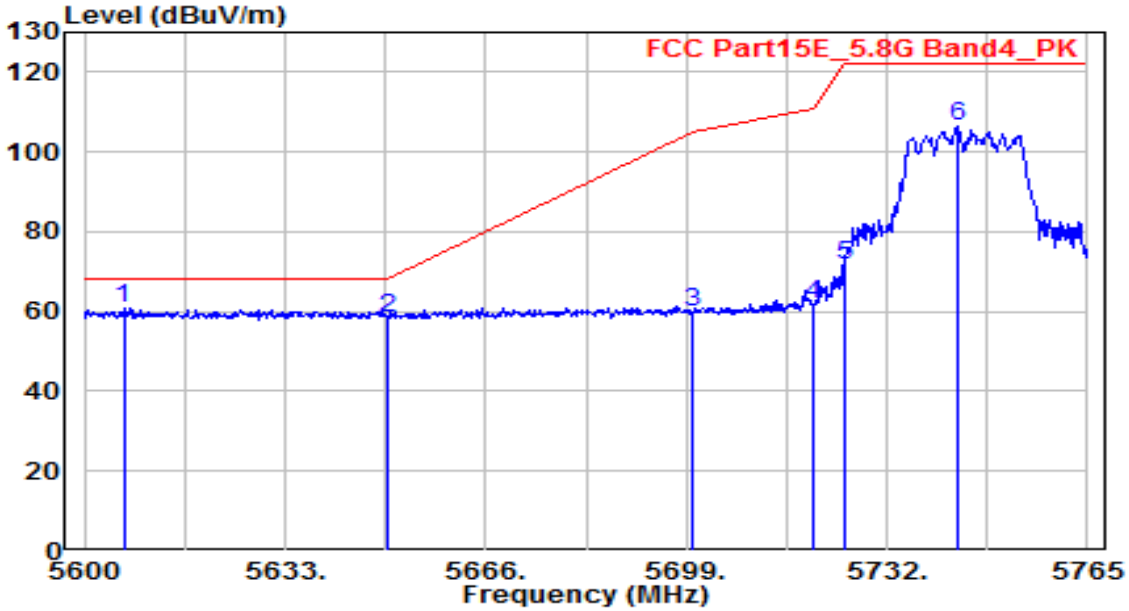


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.520	47.69	4.19	51.88	-2.12	54.00	150	355	Average
2		5150.000	47.38	4.20	51.57	-2.43	54.00	150	355	Average
3		5180.650	103.84	4.25	108.09	N/A	N/A	150	355	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

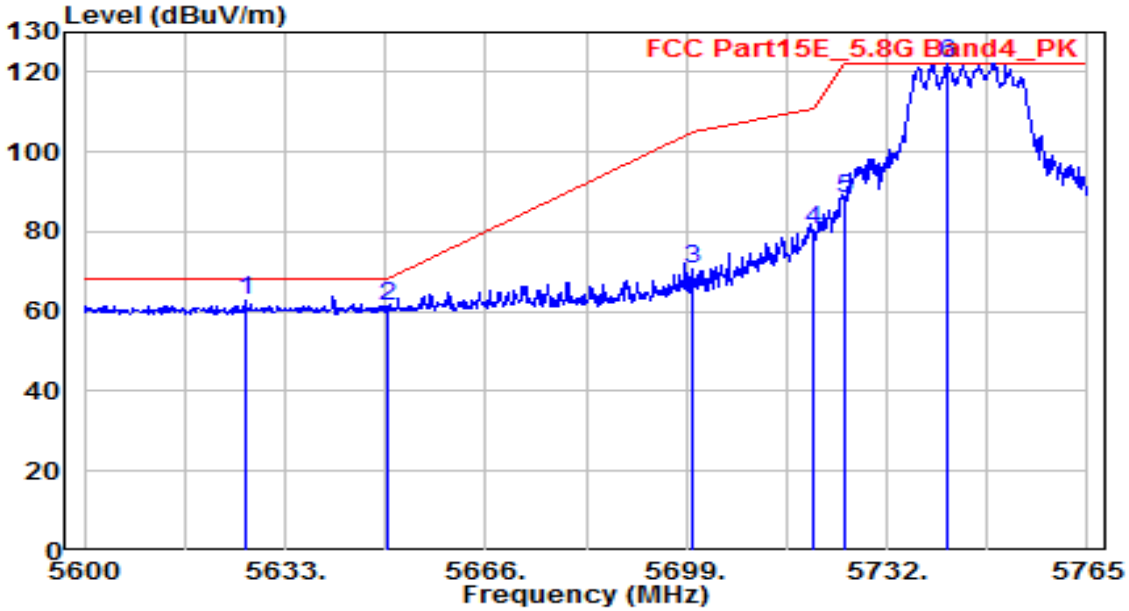


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5606.435	55.55	5.16	60.70	-7.50	68.20	140	110	Peak
2		5650.000	53.12	5.32	58.43	-9.77	68.20	140	110	Peak
3		5700.000	54.59	5.50	60.08	-45.12	105.20	140	110	Peak
4		5720.000	56.23	5.57	61.81	-48.99	110.80	140	110	Peak
5		5725.000	66.19	5.59	71.78	-50.42	122.20	140	110	Peak
6		5743.550	100.95	5.66	106.61	N/A	N/A	140	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

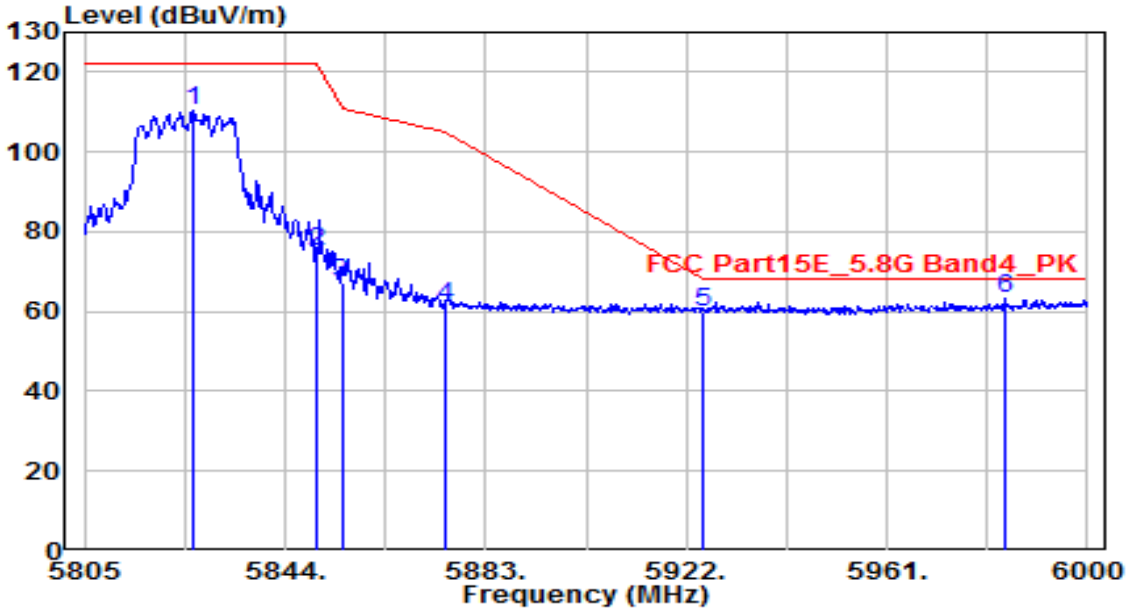


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5626.400	57.42	5.23	62.65	-5.55	68.20	155	175	Peak
2		5650.000	55.77	5.32	61.09	-7.11	68.20	155	175	Peak
3		5700.000	65.06	5.50	70.56	-34.64	105.20	155	175	Peak
4		5720.000	75.00	5.57	80.57	-30.23	110.80	155	175	Peak
5		5725.000	82.50	5.59	88.09	-34.11	122.20	155	175	Peak
6		5742.065	116.48	5.65	122.13	N/A	N/A	155	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

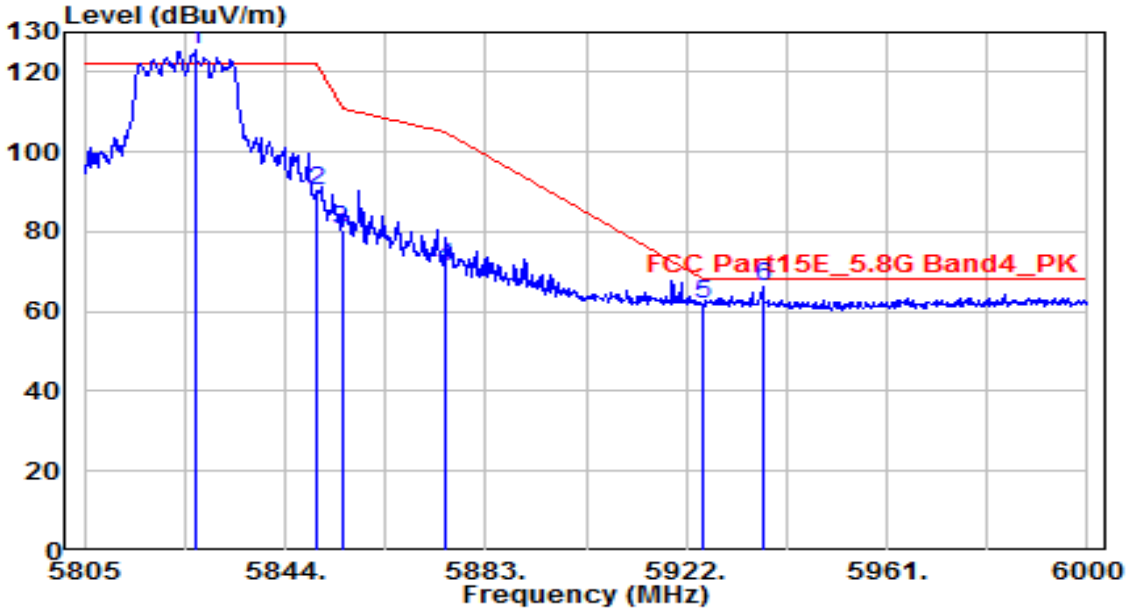


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.060	104.57	5.96	110.52	N/A	N/A	150	20	Peak
2		5850.000	68.90	6.04	74.94	-47.26	122.20	150	20	Peak
3		5855.000	61.14	6.06	67.20	-43.60	110.80	150	20	Peak
4		5875.000	55.11	6.13	61.25	-43.95	105.20	150	20	Peak
5		5925.000	53.36	6.32	59.68	-8.52	68.20	150	20	Peak
6	*	5984.205	56.75	6.53	63.28	-4.92	68.20	150	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) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

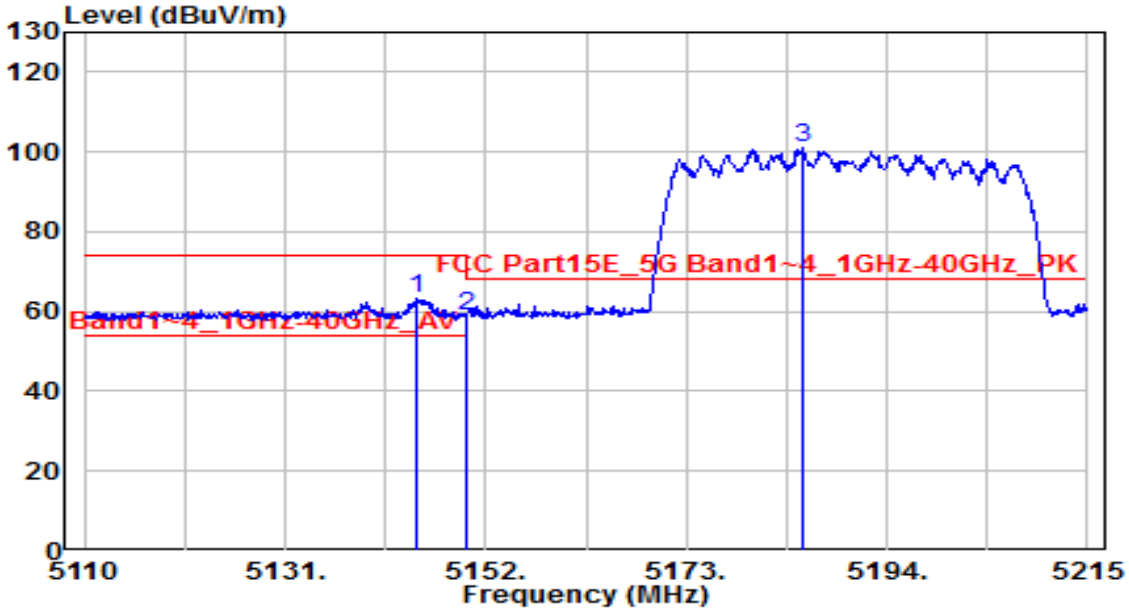


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.450	119.55	5.96	125.51	N/A	N/A	170	225	Peak
2		5850.000	84.05	6.04	90.10	-32.10	122.20	170	225	Peak
3		5855.000	74.55	6.06	80.61	-30.19	110.80	170	225	Peak
4		5875.000	65.22	6.13	71.36	-33.84	105.20	170	225	Peak
5		5925.000	55.47	6.32	61.79	-6.41	68.20	170	225	Peak
6	*	5937.015	59.73	6.36	66.09	-2.11	68.20	170	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

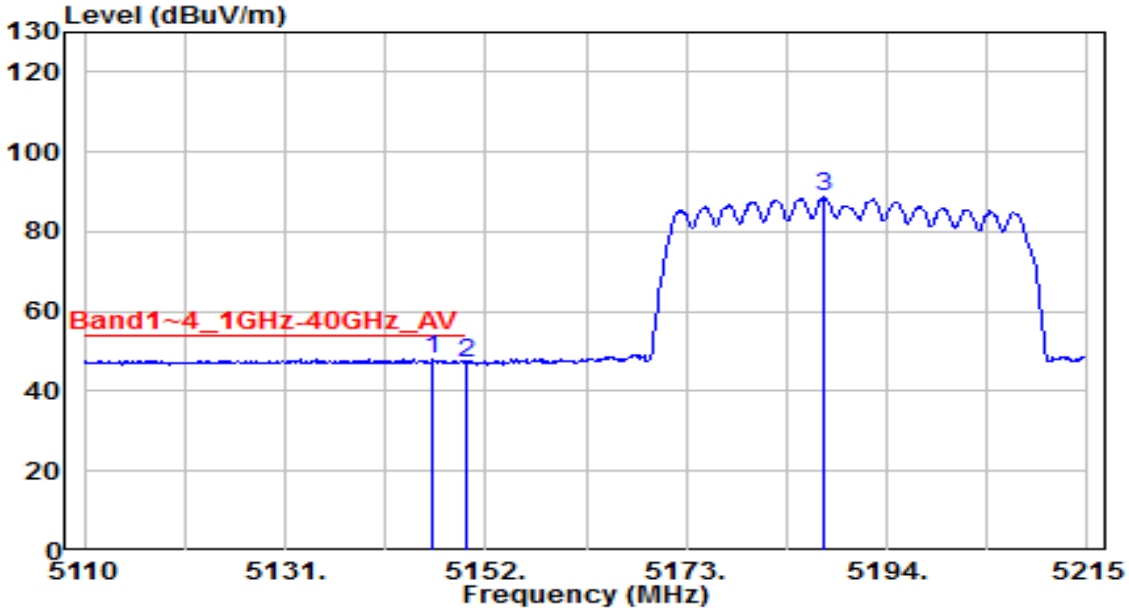


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.860	59.28	4.19	63.47	-10.53	74.00	150	90	Peak
2		5150.000	54.65	4.20	58.85	-15.15	74.00	150	90	Peak
3		5185.285	96.72	4.25	100.98	N/A	N/A	150	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

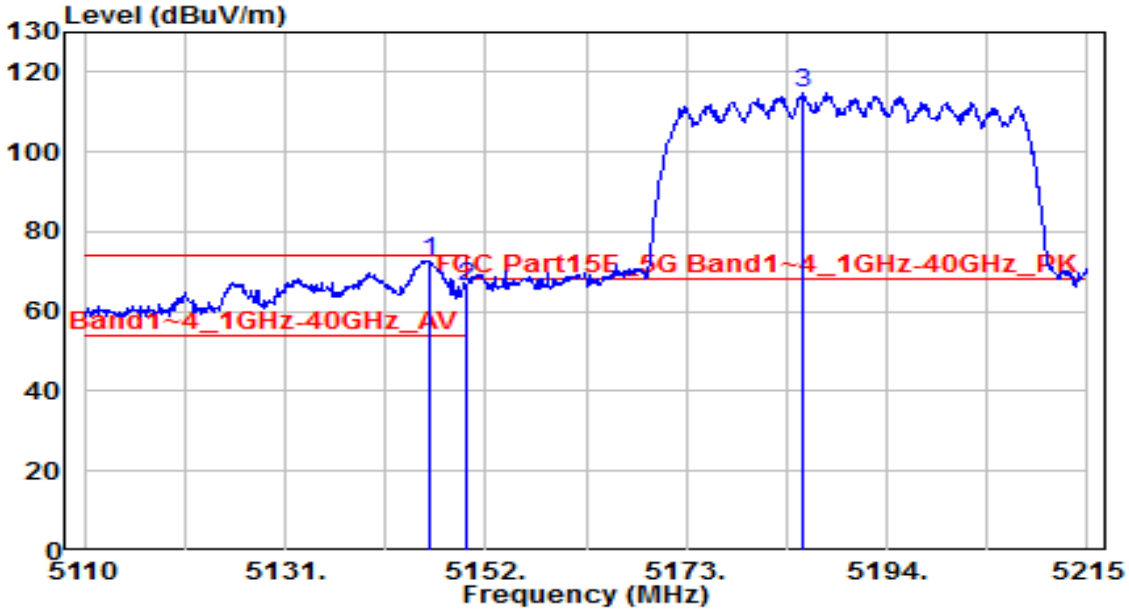


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.435	43.92	4.19	48.11	-5.89	54.00	150	90	Average
2		5150.000	42.93	4.20	47.13	-6.87	54.00	150	90	Average
3		5187.280	84.32	4.26	88.57	N/A	N/A	150	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

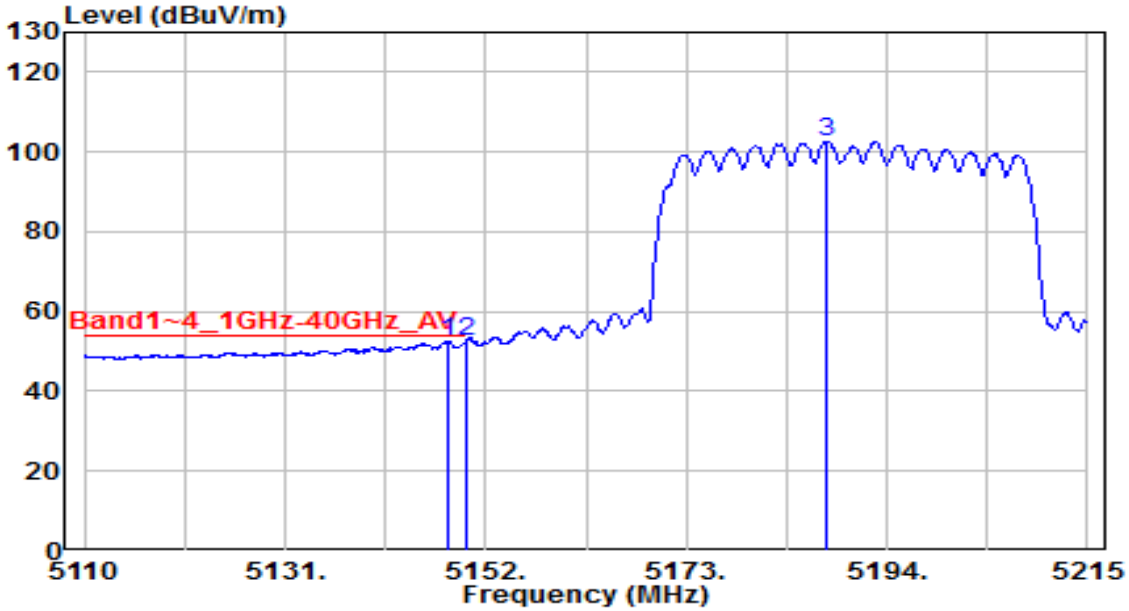


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.015	68.51	4.19	72.70	-1.30	74.00	150	65	Peak
2		5150.000	62.22	4.20	66.41	-7.59	74.00	150	65	Peak
3		5185.075	110.76	4.25	115.01	N/A	N/A	150	65	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

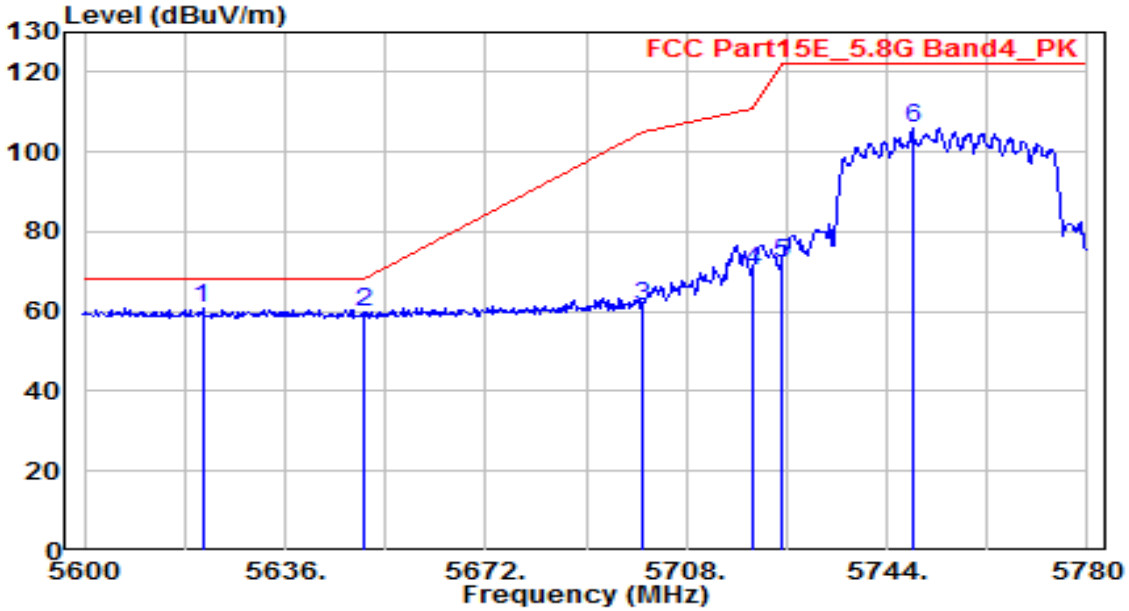


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.010	48.48	4.19	52.67	-1.33	54.00	150	65	Average
2		5150.000	48.32	4.20	52.52	-1.48	54.00	150	65	Average
3		5187.700	98.44	4.26	102.70	N/A	N/A	150	65	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

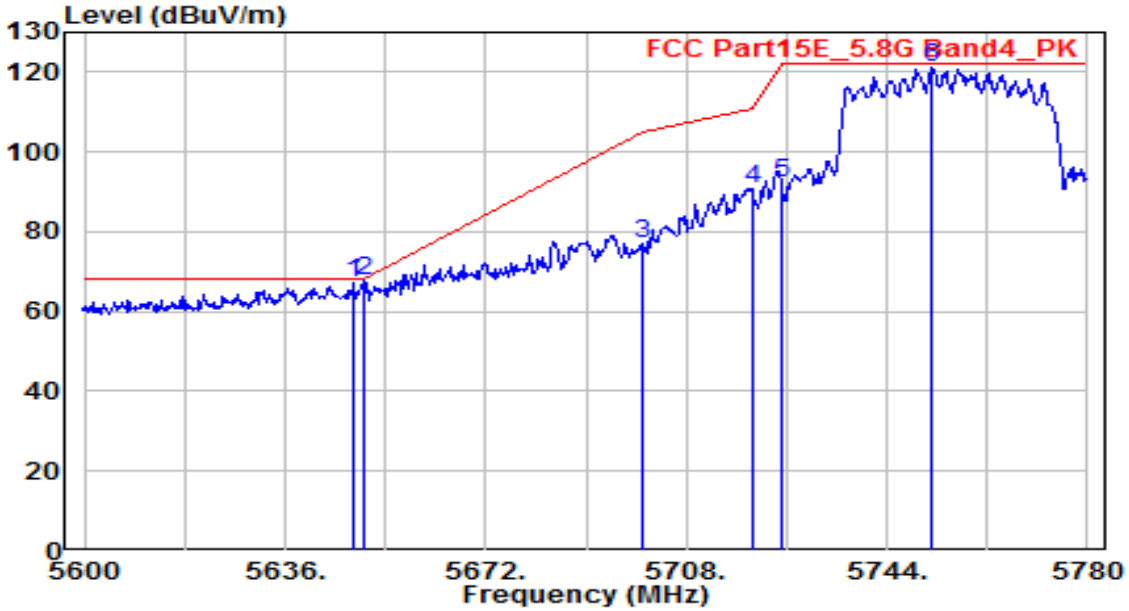


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5621.160	55.78	5.21	60.99	-7.21	68.20	145	110	Peak
2		5650.000	54.30	5.32	59.61	-8.59	68.20	145	110	Peak
3		5700.000	55.67	5.50	61.16	-44.04	105.20	145	110	Peak
4		5720.000	64.47	5.57	70.04	-40.76	110.80	145	110	Peak
5		5725.000	66.57	5.59	72.16	-50.04	122.20	145	110	Peak
6		5748.540	100.17	5.67	105.85	N/A	N/A	145	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

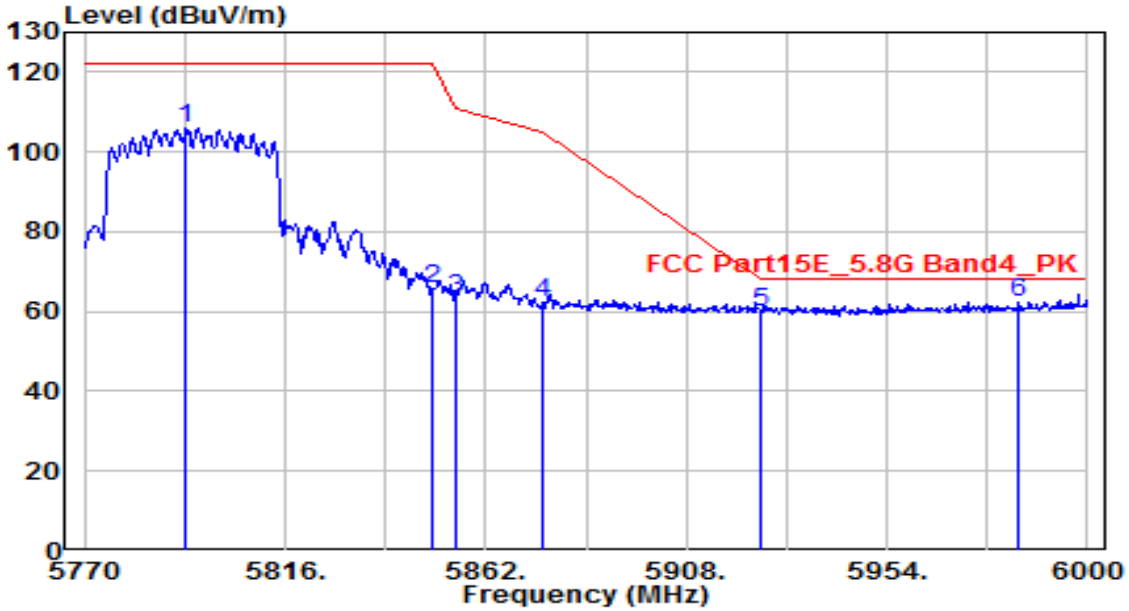


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5648.440	62.14	5.31	67.45	-0.75	68.20	100	175	Peak
2	*	5650.000	62.24	5.32	67.55	-0.65	68.20	100	175	Peak
3		5700.000	71.37	5.50	76.87	-28.33	105.20	100	175	Peak
4		5720.000	85.40	5.57	90.97	-19.83	110.80	100	175	Peak
5		5725.000	86.66	5.59	92.25	-29.95	122.20	100	175	Peak
6		5751.840	115.46	5.69	121.15	N/A	N/A	100	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

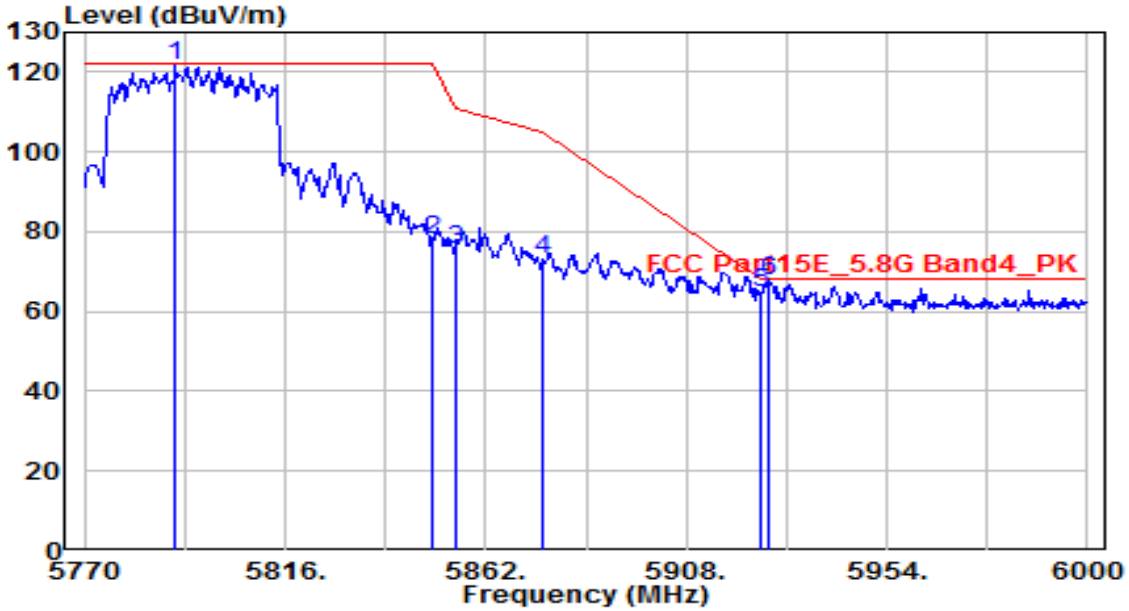


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5793.230	100.32	5.84	106.16	N/A	N/A	150	20	Peak
2		5850.000	59.77	6.04	65.81	-56.39	122.20	150	20	Peak
3		5855.000	57.16	6.06	63.22	-47.58	110.80	150	20	Peak
4		5875.000	56.15	6.13	62.29	-42.91	105.20	150	20	Peak
5		5925.000	53.53	6.32	59.84	-8.36	68.20	150	20	Peak
6	*	5984.360	55.81	6.53	62.34	-5.86	68.20	150	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) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

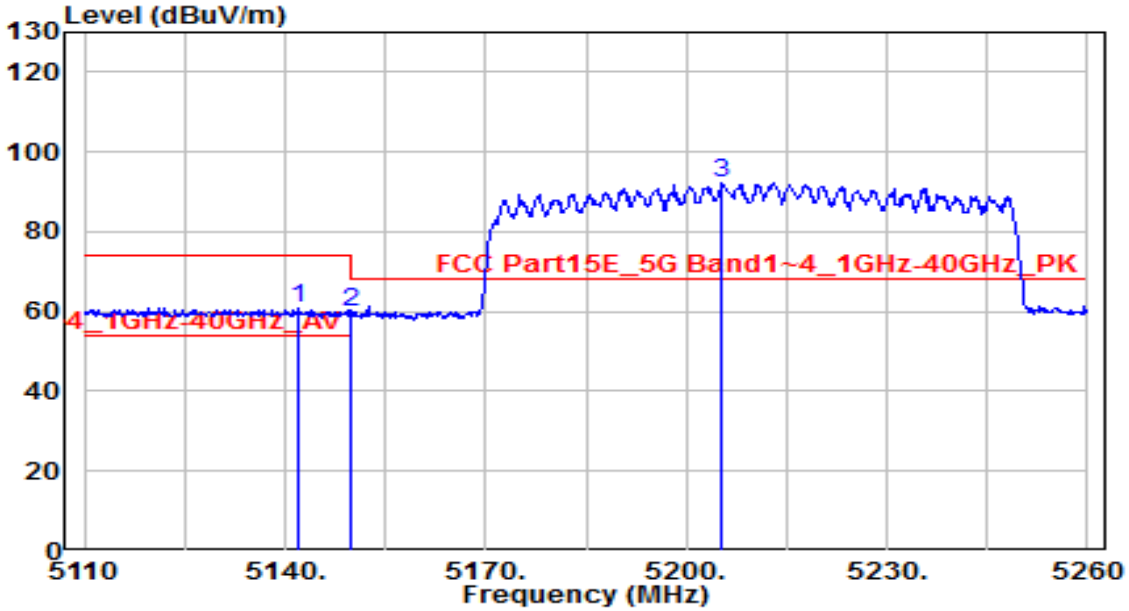


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5790.930	115.60	5.83	121.43	N/A	N/A	170	225	Peak
2		5850.000	71.76	6.04	77.81	-44.39	122.20	170	225	Peak
3		5855.000	69.33	6.06	75.39	-35.41	110.80	170	225	Peak
4		5875.000	66.76	6.13	72.90	-32.30	105.20	170	225	Peak
5		5925.000	58.20	6.32	64.51	-3.69	68.20	170	225	Peak
6	*	5926.860	61.19	6.32	67.52	-0.68	68.20	170	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

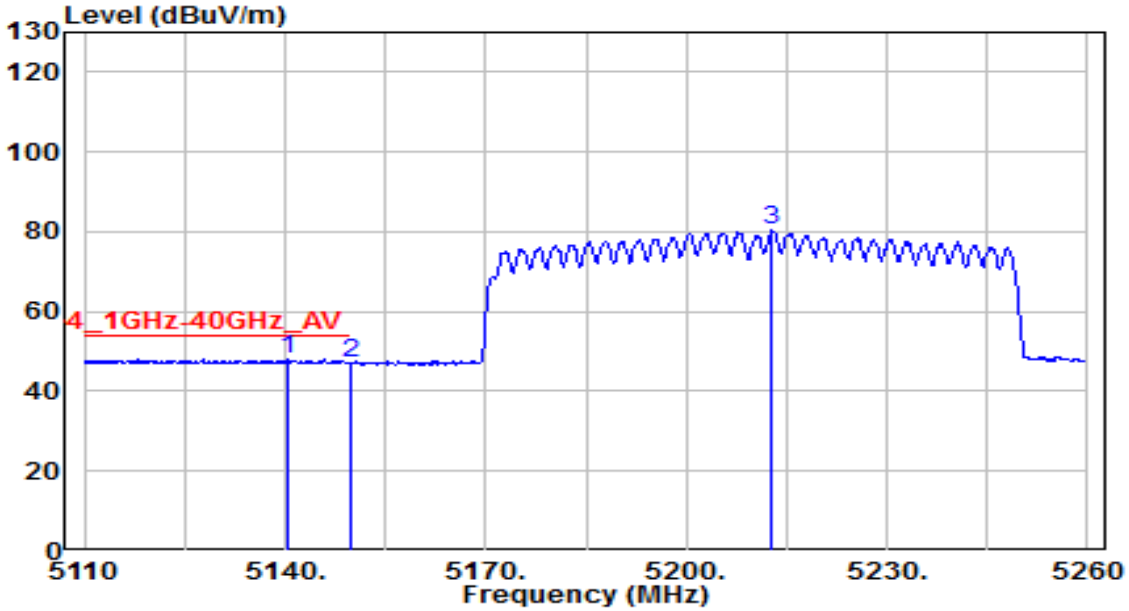


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.800	56.42	4.18	60.61	-13.39	74.00	150	205	Peak
2		5150.000	55.64	4.20	59.83	-14.17	74.00	150	205	Peak
3		5205.400	87.98	4.29	92.26	N/A	N/A	150	205	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

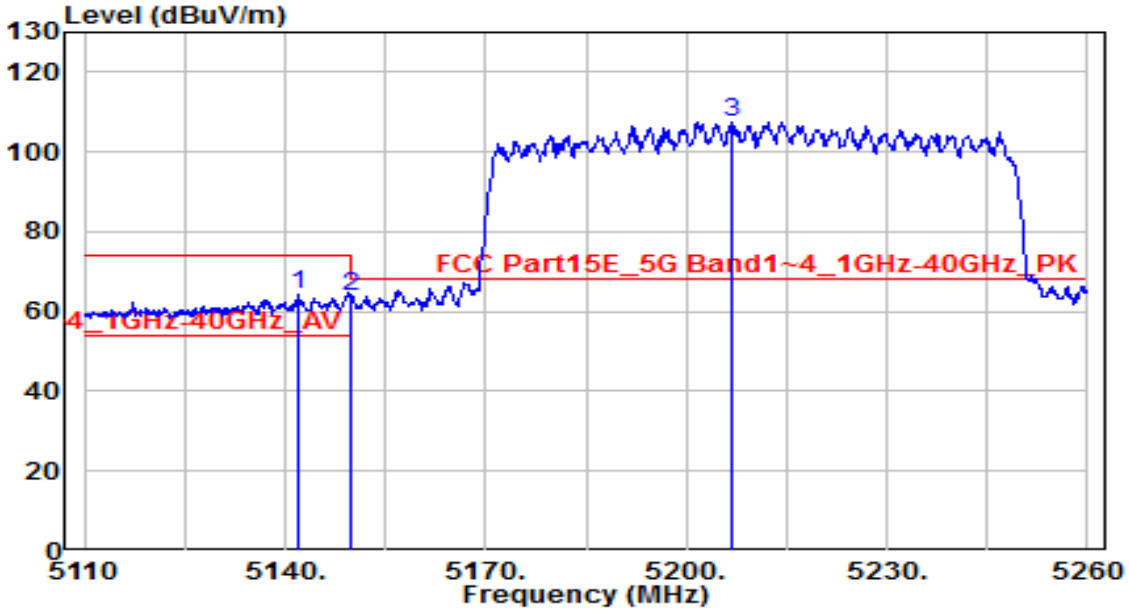


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5140.450	43.86	4.18	48.04	-5.96	54.00	150	205	Average
2		5150.000	42.74	4.20	46.94	-7.06	54.00	150	205	Average
3		5212.750	75.99	4.30	80.29	N/A	N/A	150	205	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

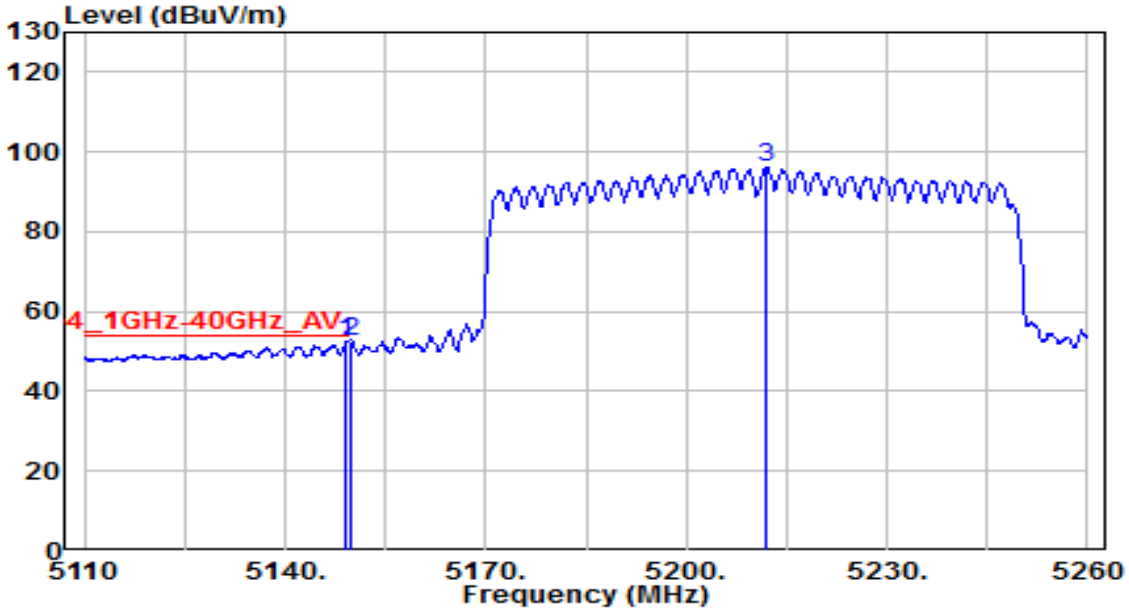


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5141.800	60.04	4.18	64.22	-9.78	74.00	150	120	Peak
2		5150.000	59.82	4.20	64.02	-9.98	74.00	150	120	Peak
3		5206.900	103.13	4.29	107.42	N/A	N/A	150	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

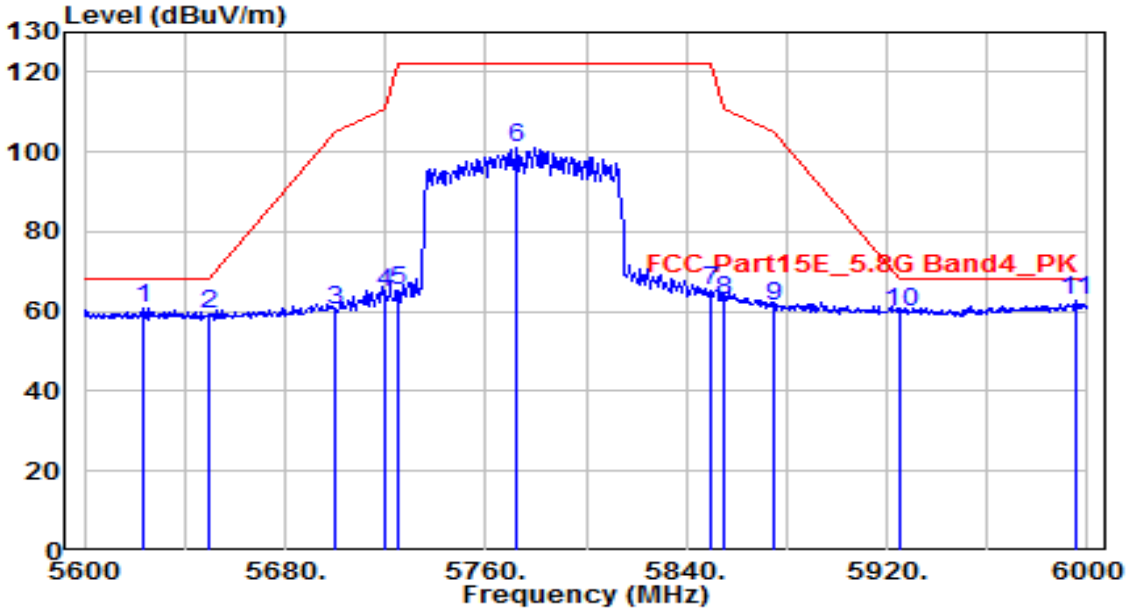


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.150	48.19	4.19	52.39	-1.61	54.00	150	120	Average
2		5150.000	48.18	4.20	52.38	-1.62	54.00	150	120	Average
3		5212.000	91.89	4.30	96.19	N/A	N/A	150	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

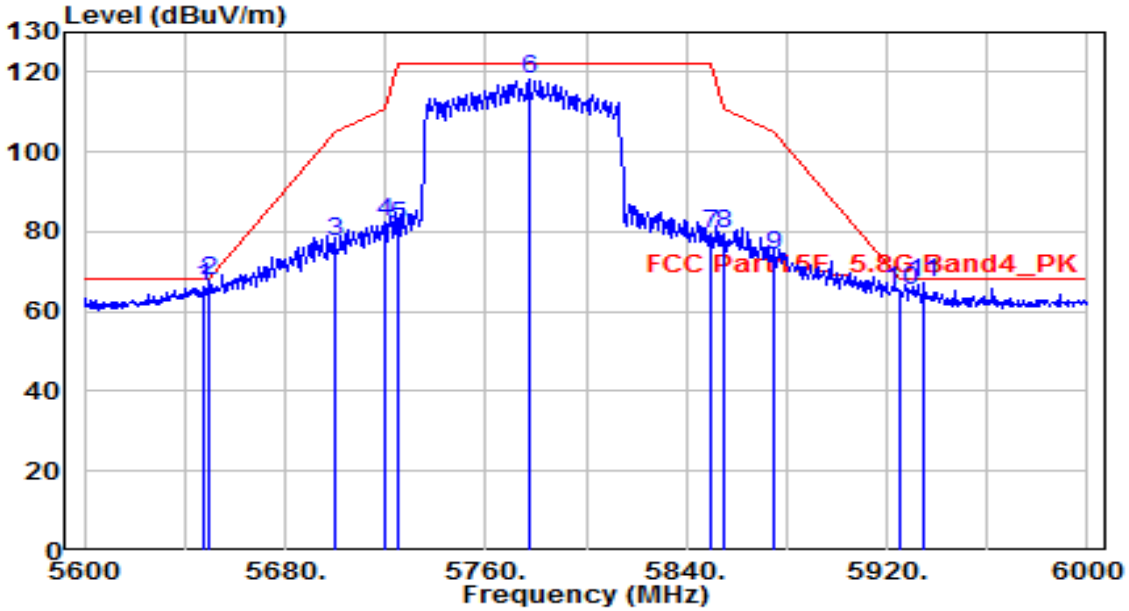


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5623.200	55.48	5.22	60.70	-7.50	68.20	150	110	Peak
2		5650.000	54.16	5.32	59.47	-8.73	68.20	150	110	Peak
3		5700.000	54.79	5.50	60.29	-44.91	105.20	150	110	Peak
4		5720.000	59.35	5.57	64.92	-45.88	110.80	150	110	Peak
5		5725.000	59.50	5.59	65.09	-57.11	122.20	150	110	Peak
6		5772.400	95.18	5.76	100.94	N/A	N/A	150	110	Peak
7		5850.000	59.26	6.04	65.31	-56.89	122.20	150	110	Peak
8		5855.000	56.65	6.06	62.72	-48.08	110.80	150	110	Peak
9		5875.000	55.27	6.13	61.41	-43.79	105.20	150	110	Peak
10		5925.000	53.76	6.32	60.08	-8.12	68.20	150	110	Peak
11	*	5995.200	56.07	6.57	62.64	-5.56	68.20	150	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-15
Factor	BBHA 9120D	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC1 / Kaunaz
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5647.600	60.80	5.31	66.11	-2.09	68.20	160	185	Peak
2	*	5650.000	62.21	5.32	67.53	-0.67	68.20	160	185	Peak
3		5700.000	72.24	5.50	77.74	-27.46	105.20	160	185	Peak
4		5720.000	76.66	5.57	82.23	-28.57	110.80	160	185	Peak
5		5725.000	76.05	5.59	81.64	-40.56	122.20	160	185	Peak
6		5777.200	112.54	5.78	118.32	N/A	N/A	160	185	Peak
7		5850.000	73.30	6.04	79.35	-42.85	122.20	160	185	Peak
8		5855.000	73.55	6.06	79.61	-31.19	110.80	160	185	Peak
9		5875.000	67.73	6.13	73.87	-31.33	105.20	160	185	Peak
10		5925.000	58.95	6.32	65.27	-2.93	68.20	160	185	Peak
11		5934.800	61.01	6.35	67.36	-0.84	68.20	160	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
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.

7.9. AC Conducted Emissions Measurement

7.9.1.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.

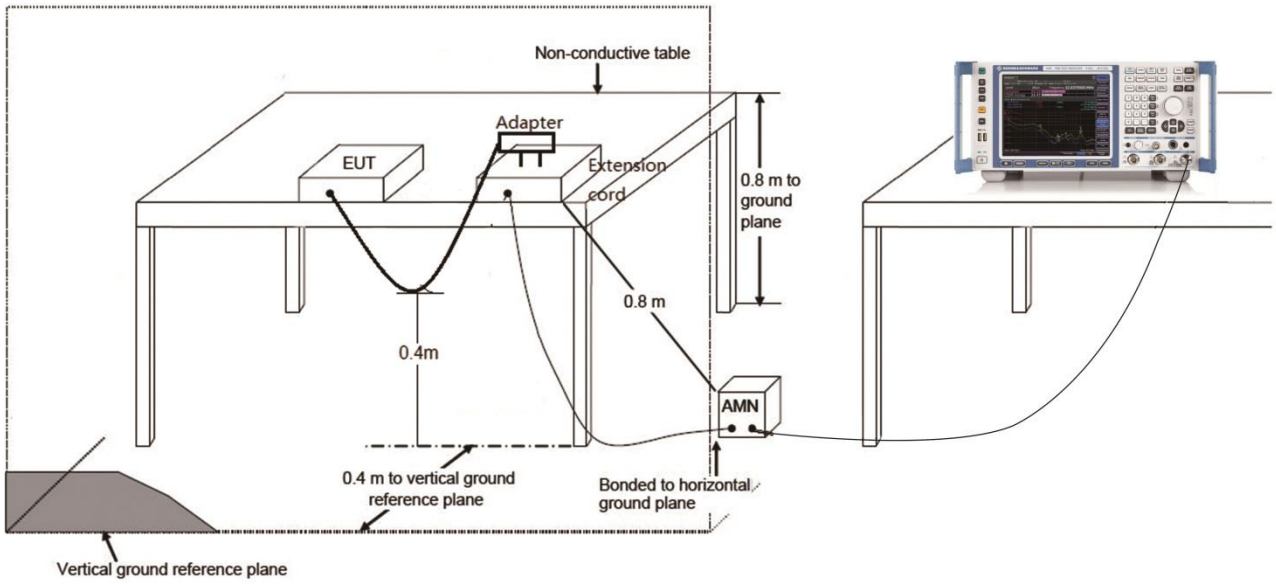
7.9.2.Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements.The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

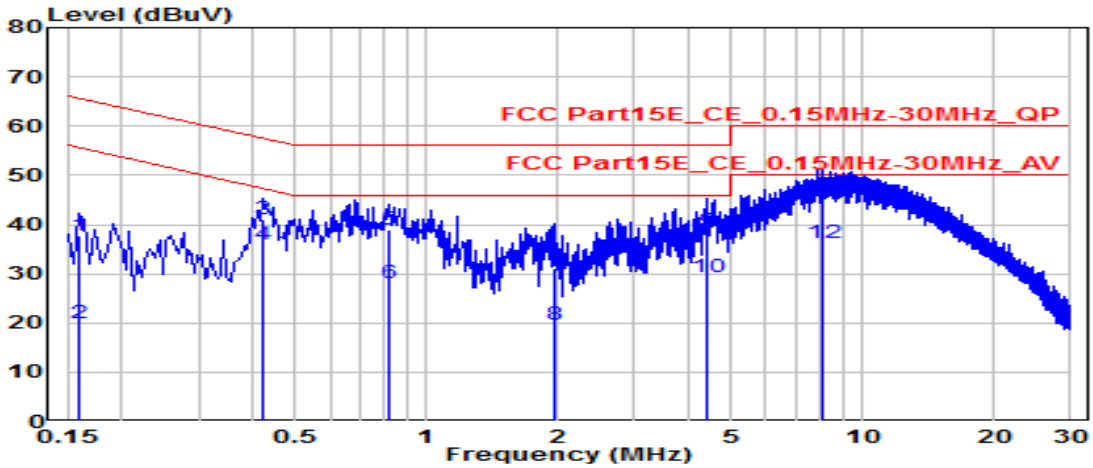
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.9.3.Test Setup



7.9.4.Test Result

EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-04
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25°C /59%
Polarity	Line1	Site / Test Engineer	SR2 / Tim
Test Mode	802.11ac_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

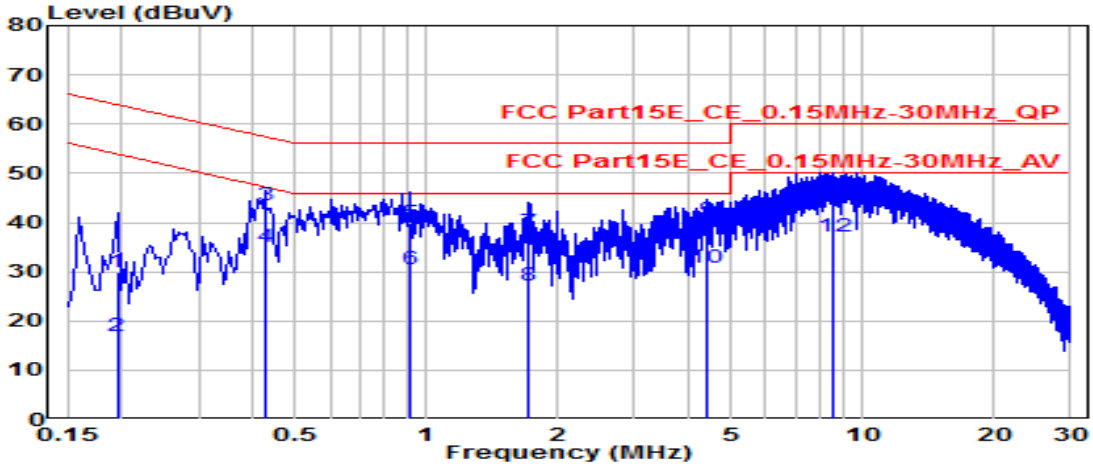


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.159	28.11	9.61	37.72	-27.80	65.52	QP
2		0.159	10.43	9.61	20.05	-35.47	55.52	Average
3	*	0.420	31.43	9.63	41.06	-16.39	57.45	QP
4	*	0.420	26.35	9.63	35.98	-11.47	47.45	Average
5		0.825	29.15	9.65	38.80	-17.20	56.00	QP
6		0.825	18.55	9.65	28.20	-17.80	46.00	Average
7		1.968	21.50	9.69	31.19	-24.81	56.00	QP
8		1.968	9.98	9.69	19.67	-26.33	46.00	Average
9		4.375	28.85	9.73	38.58	-17.42	56.00	QP
10		4.375	19.60	9.73	29.33	-16.67	46.00	Average
11		8.087	35.36	9.82	45.18	-14.82	60.00	QP
12		8.087	26.37	9.82	36.19	-13.81	50.00	Average

Note:

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

EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-04
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25°C /59%
Polarity	Neutral	Site / Test Engineer	SR2 / Tim
Test Mode	802.11ac_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.195	20.30	9.61	29.91	-33.91	63.82	QP
2		0.195	7.18	9.61	16.79	-37.03	53.82	Average
3	*	0.424	33.96	9.63	43.59	-13.77	57.36	QP
4	*	0.424	25.29	9.63	34.92	-12.44	47.36	Average
5		0.919	30.13	9.66	39.79	-16.21	56.00	QP
6		0.919	20.95	9.66	30.61	-15.39	46.00	Average
7		1.707	28.32	9.68	38.00	-18.00	56.00	QP
8		1.707	17.52	9.68	27.21	-18.79	46.00	Average
9		4.371	30.57	9.74	40.31	-15.69	56.00	QP
10		4.371	21.19	9.74	30.93	-15.07	46.00	Average
11		8.578	35.20	9.85	45.05	-14.95	60.00	QP
12		8.578	27.15	9.85	37.00	-13.00	50.00	Average

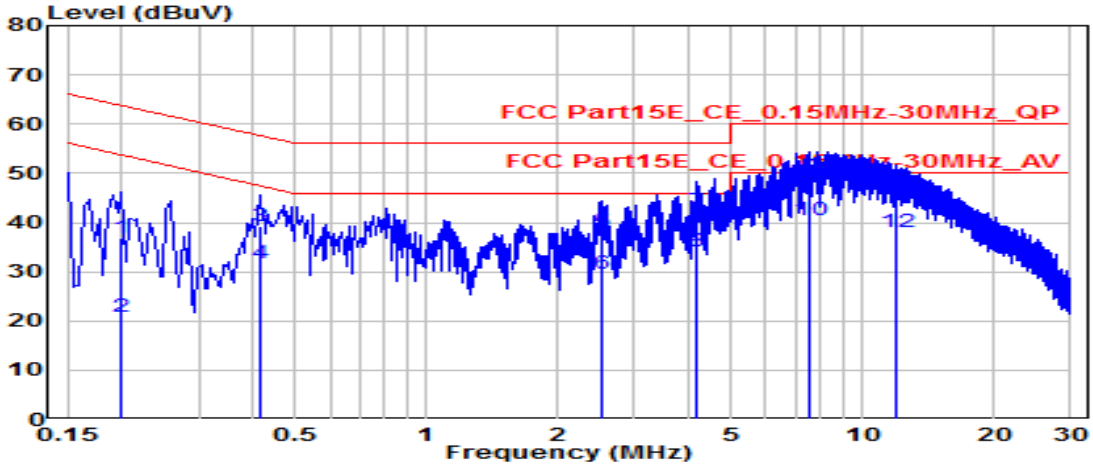
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-04
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25°C /59%
Polarity	Line1	Site / Test Engineer	SR2 / Tim
Test Mode	802.11ac_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.199	27.13	9.61	36.74	-26.89	63.63	QP
2		0.199	11.35	9.61	20.96	-32.67	53.63	Average
3		0.415	29.51	9.63	39.14	-18.40	57.54	QP
4		0.415	22.06	9.63	31.69	-15.85	47.54	Average
5		2.508	28.36	9.70	38.06	-17.94	56.00	QP
6		2.508	19.76	9.70	29.46	-16.54	46.00	Average
7		4.182	32.44	9.72	42.16	-13.84	56.00	QP
8		4.182	24.24	9.72	33.97	-12.03	46.00	Average
9	*	7.511	39.53	9.80	49.33	-10.67	60.00	QP
10	*	7.511	30.53	9.80	40.34	-9.66	50.00	Average
11		12.020	36.82	9.89	46.71	-13.29	60.00	QP
12		12.020	28.12	9.89	38.01	-11.99	50.00	Average

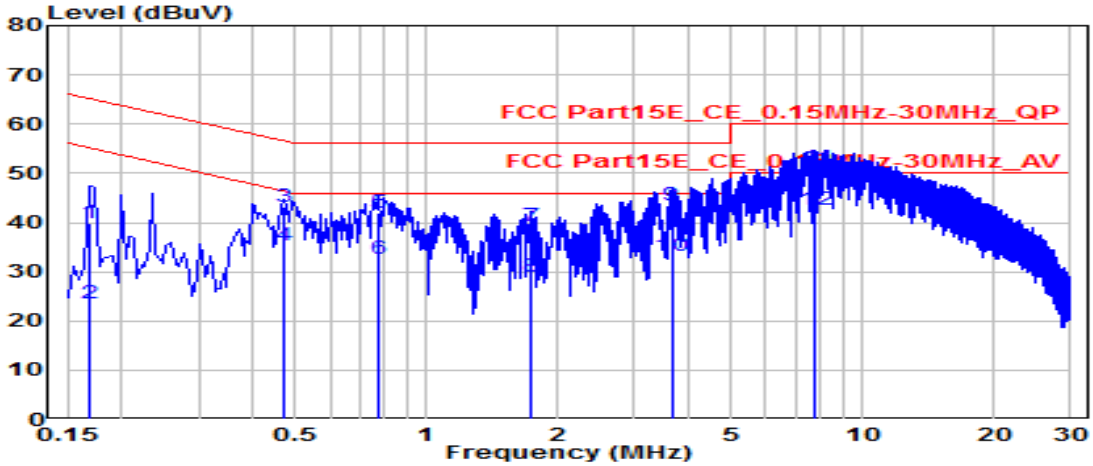
Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

EUT	AX1800 Dual-Band WiFi 6 Router	Date of Test	2022-03-04
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25°C /59%
Polarity	Neutral	Site / Test Engineer	SR2 / Tim
Test Mode	802.11ac_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Remark (QP/PK/AV)
1		0.168	30.12	9.62	39.73	-25.33	65.06	QP
2		0.168	13.84	9.62	23.46	-31.60	55.06	Average
3		0.469	33.49	9.63	43.12	-13.40	56.52	QP
4		0.469	25.73	9.63	35.36	-11.16	46.52	Average
5		0.771	32.35	9.65	42.00	-14.00	56.00	QP
6		0.771	22.90	9.65	32.55	-13.45	46.00	Average
7		1.725	29.58	9.68	39.26	-16.74	56.00	QP
8		1.725	19.24	9.68	28.93	-17.07	46.00	Average
9		3.646	33.76	9.72	43.49	-12.51	56.00	QP
10		3.646	23.63	9.72	33.35	-12.65	46.00	Average
11	*	7.808	41.23	9.83	51.06	-8.94	60.00	QP
12	*	7.808	32.70	9.83	42.53	-7.47	50.00	Average

Note:

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

2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).

3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

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

The End

Appendix A : Test Setup Photograph

Refer to “2201TW0103-Test Photograph” file.

Appendix B : External Photograph

Refer to “2201TW0103-External Photo” file.

Appendix C : Internal Photograph

Refer to “2201TW0103-Internal Photo” file.