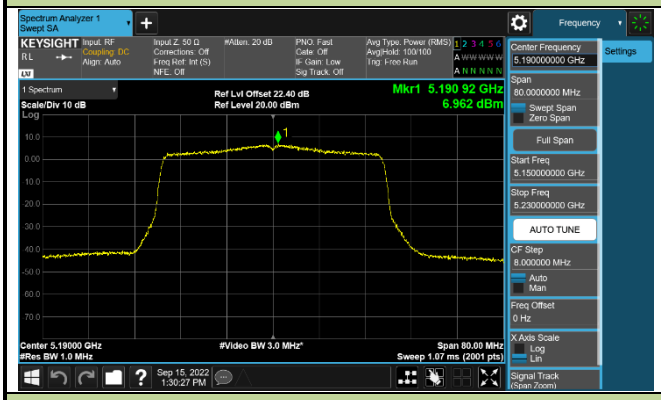
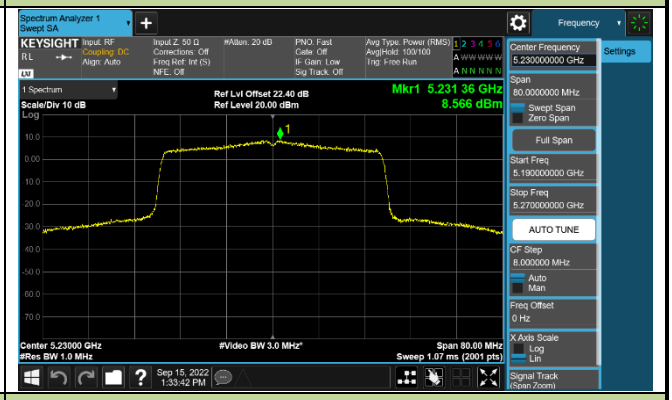
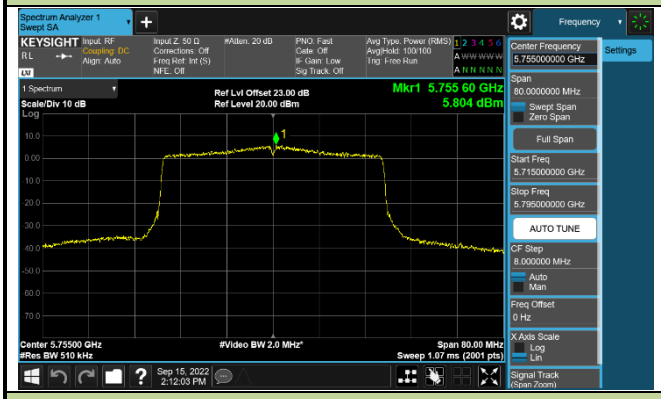
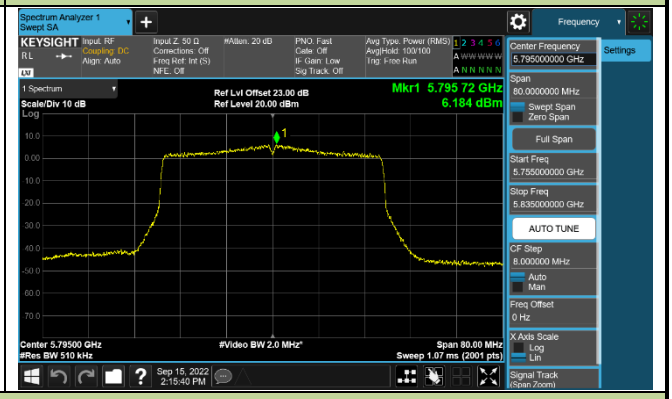
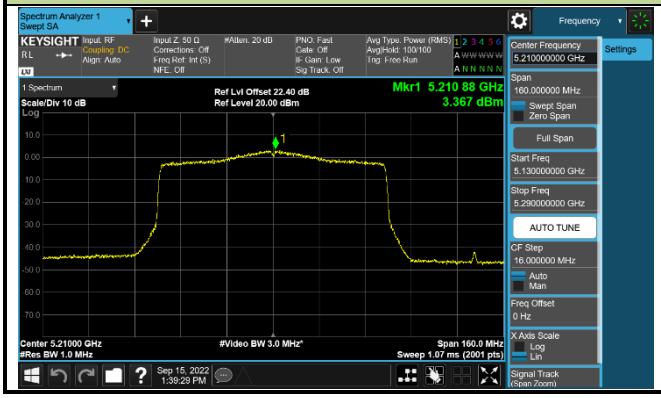
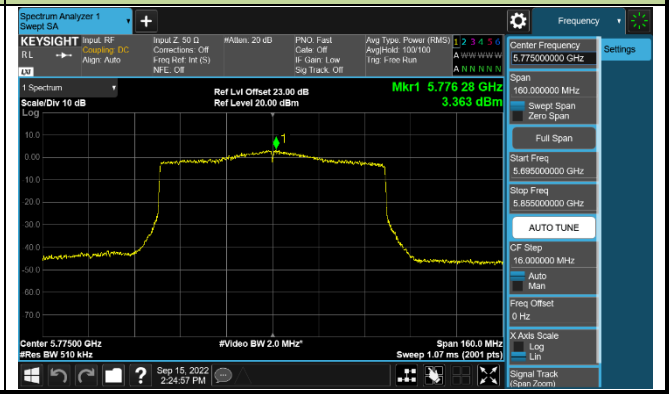
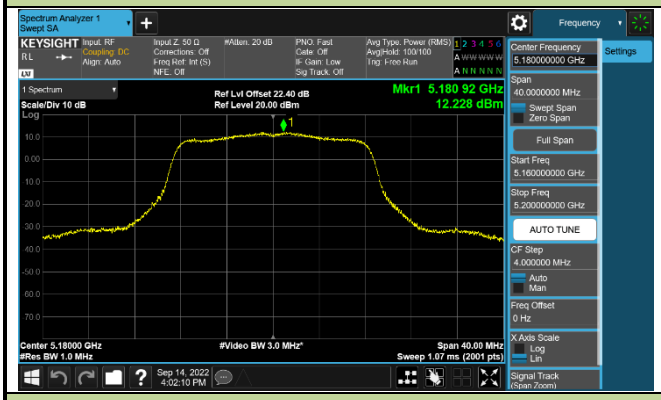
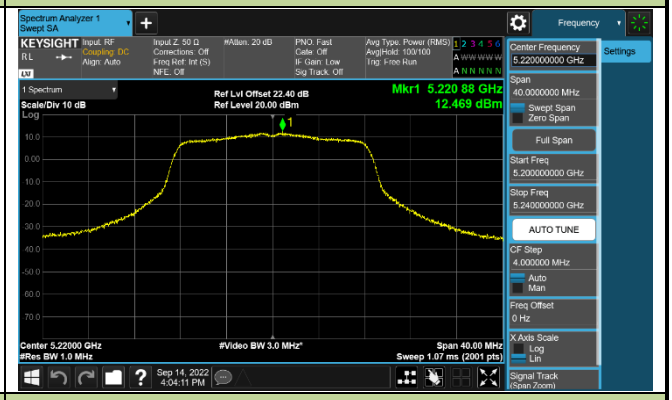
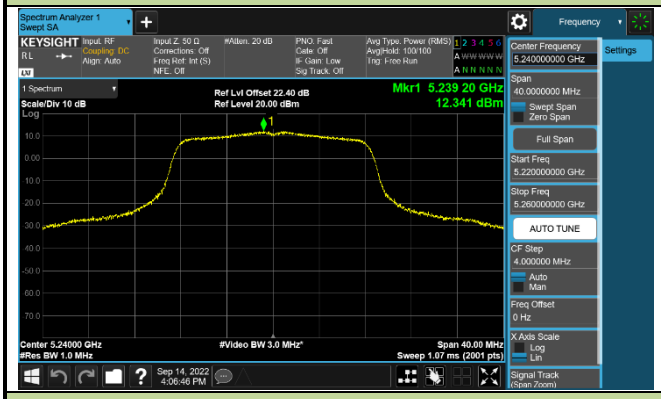
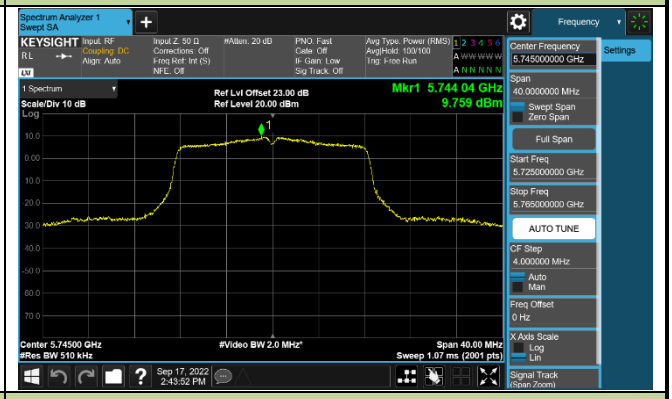
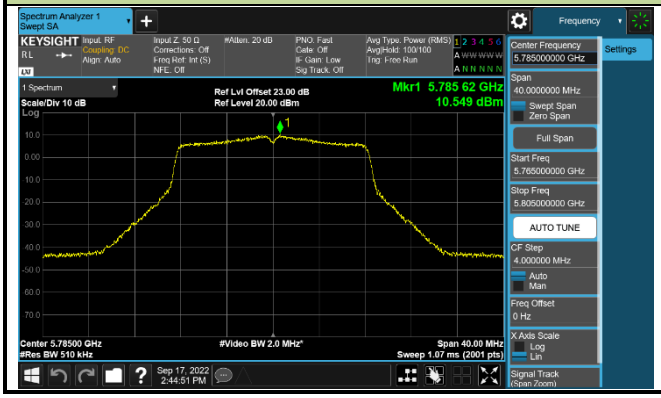
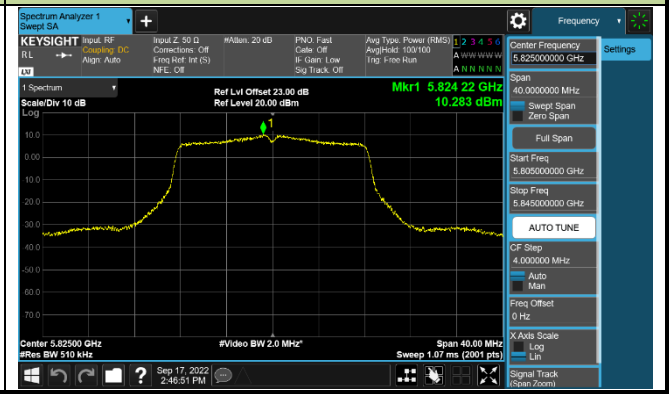
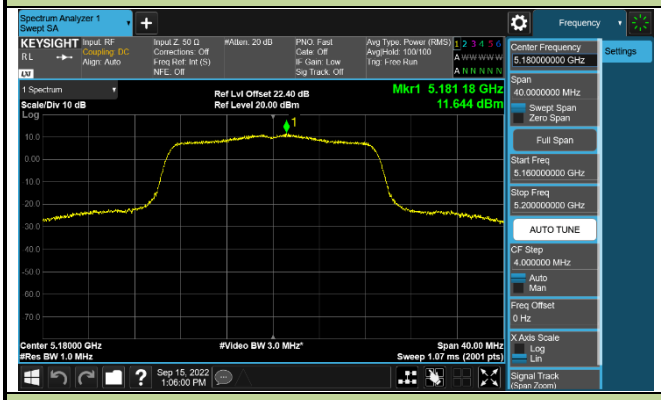
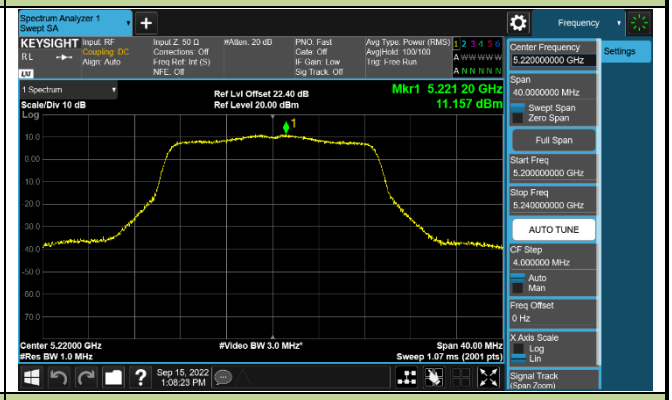
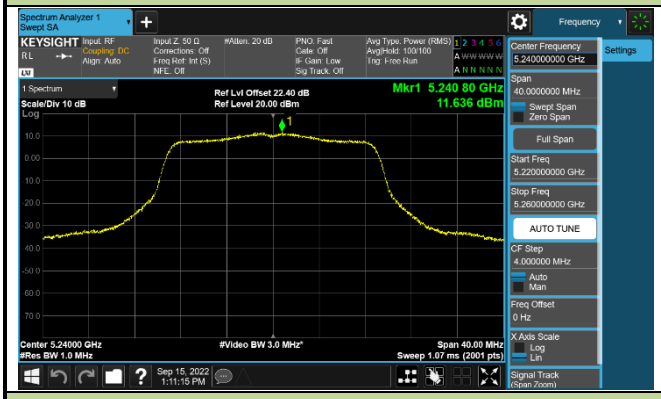
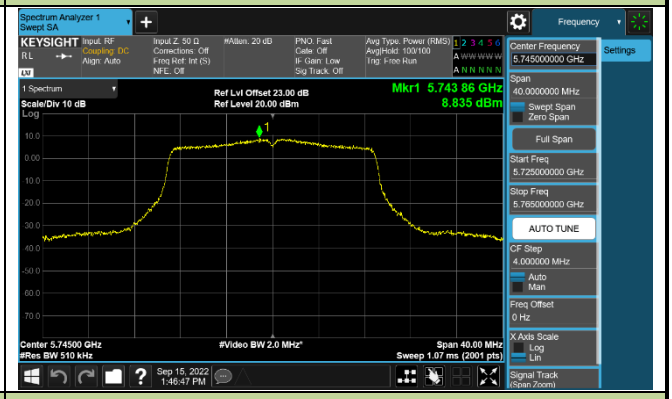
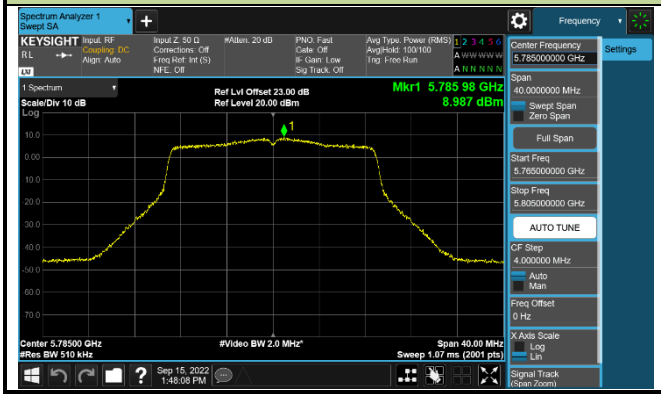
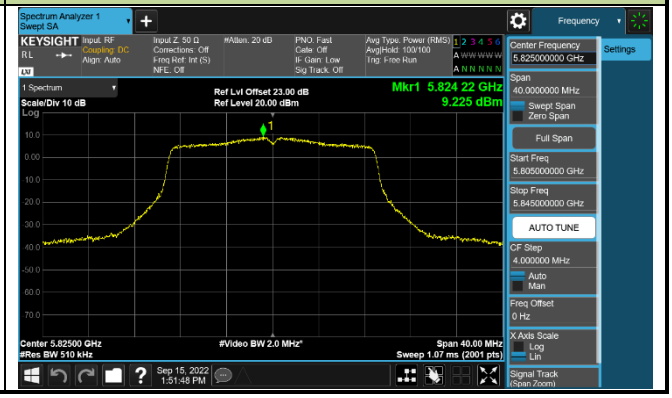
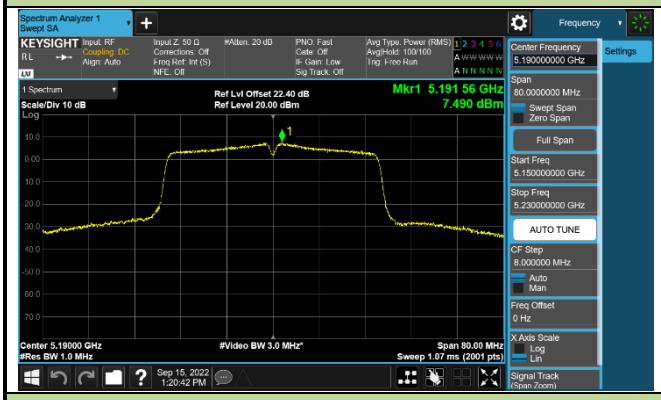
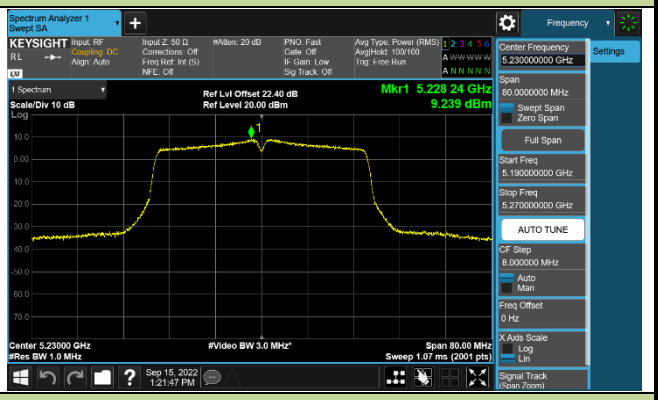
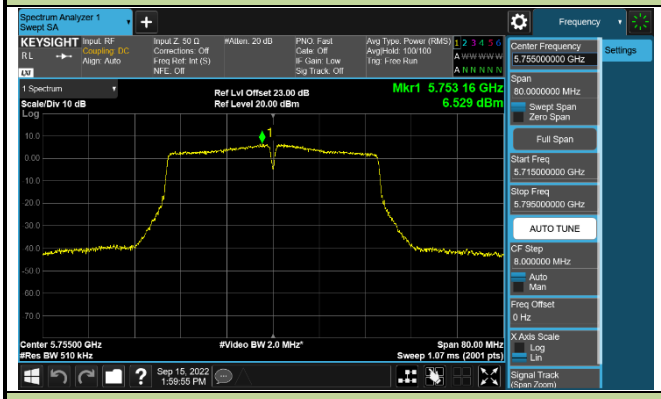
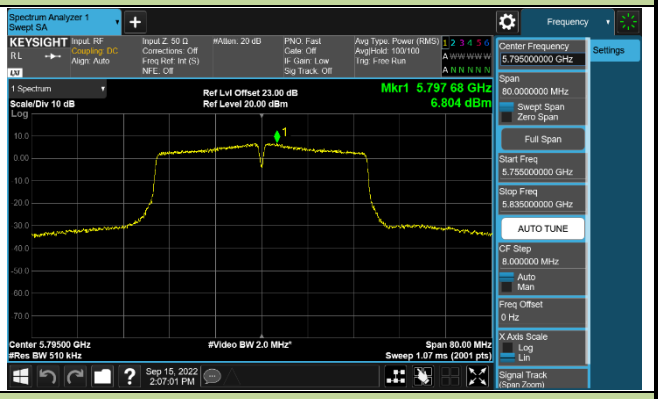
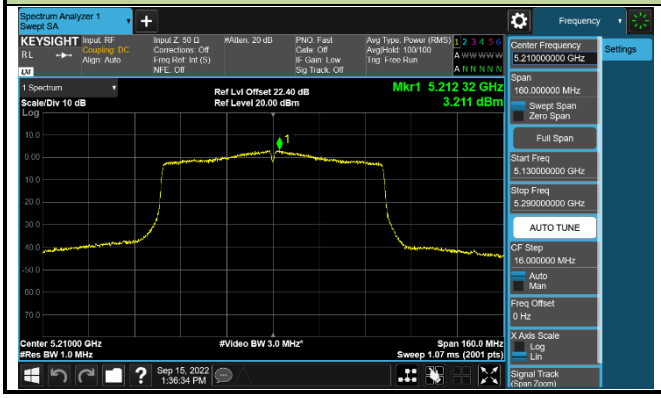
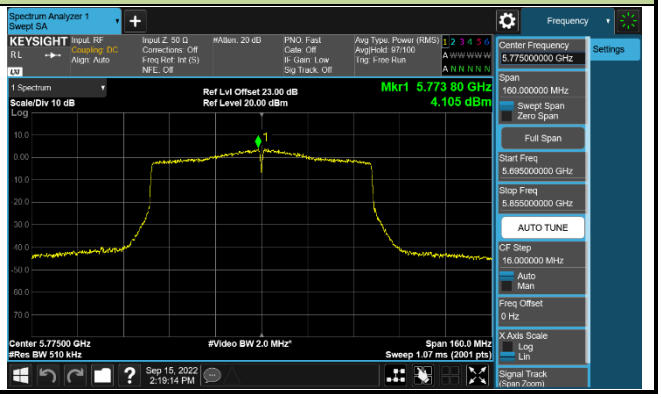
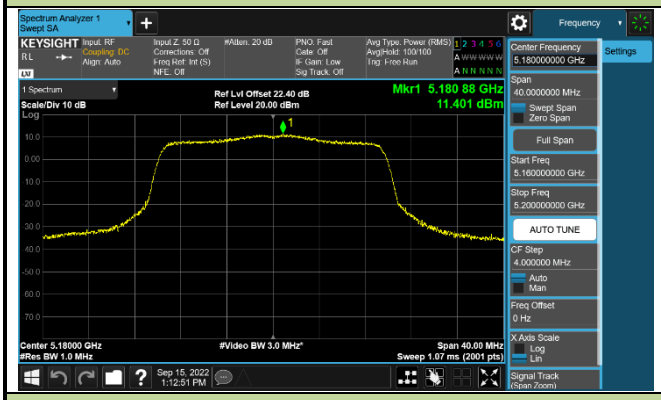
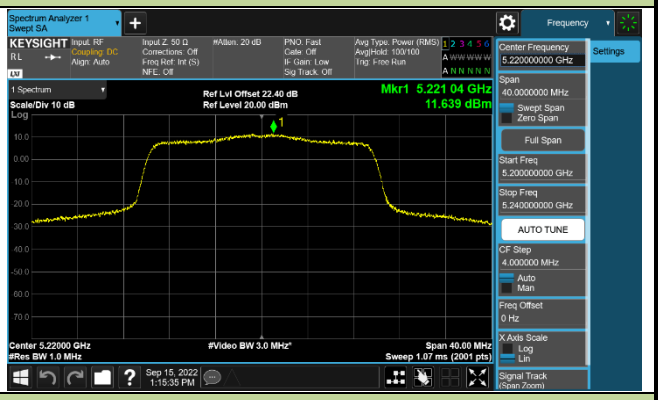
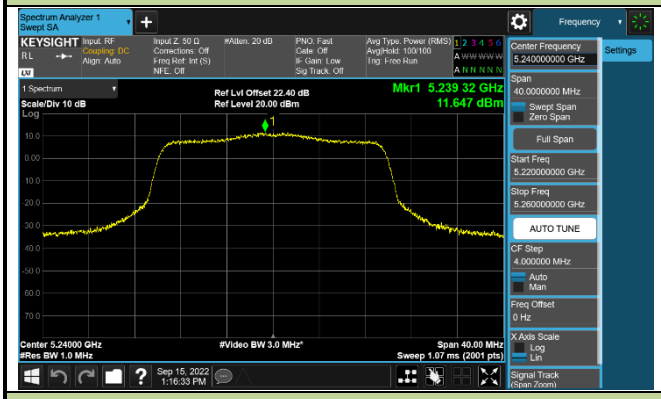
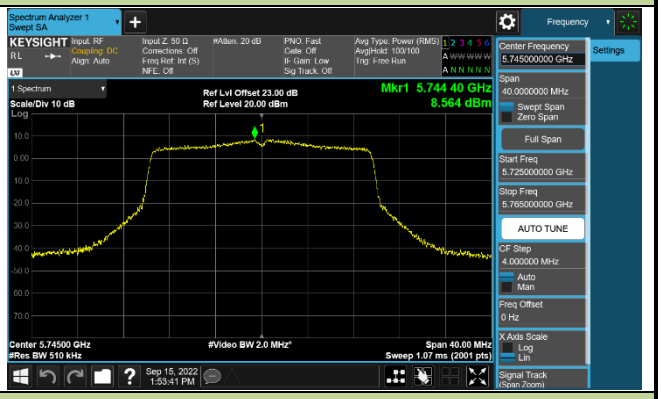
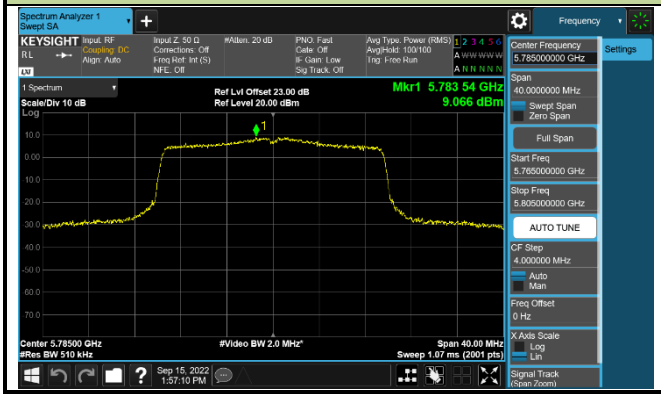
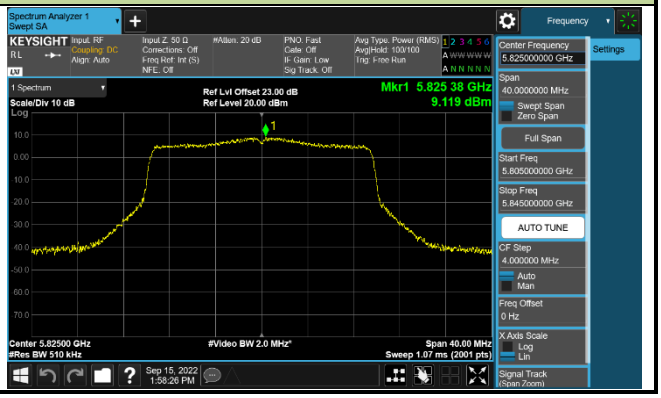
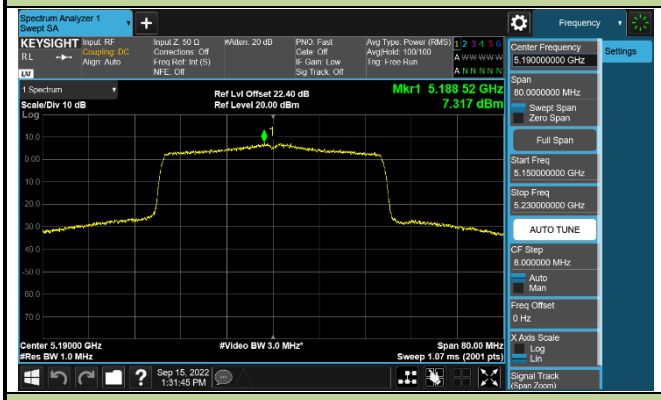
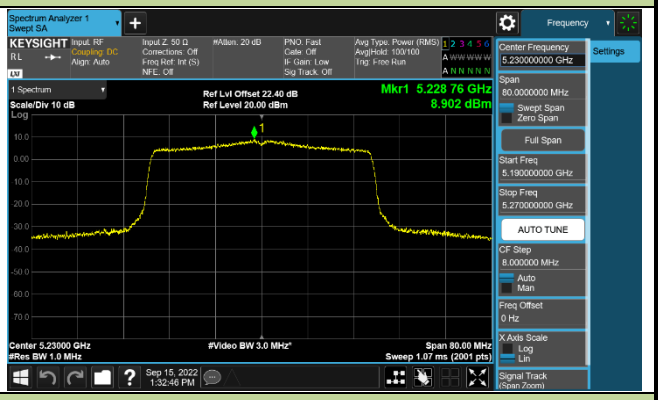
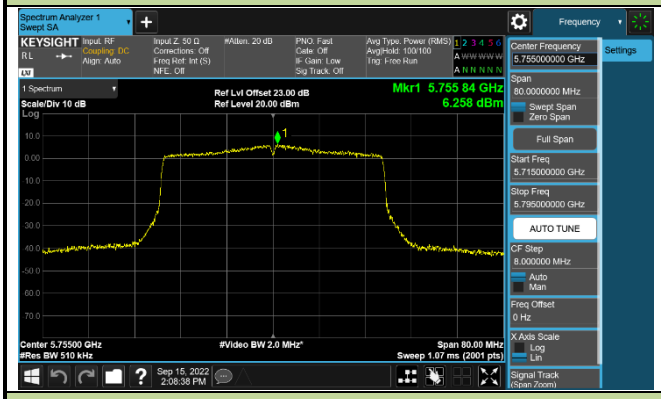
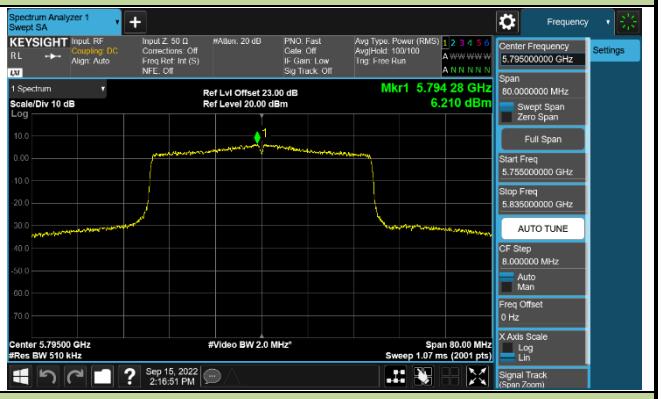
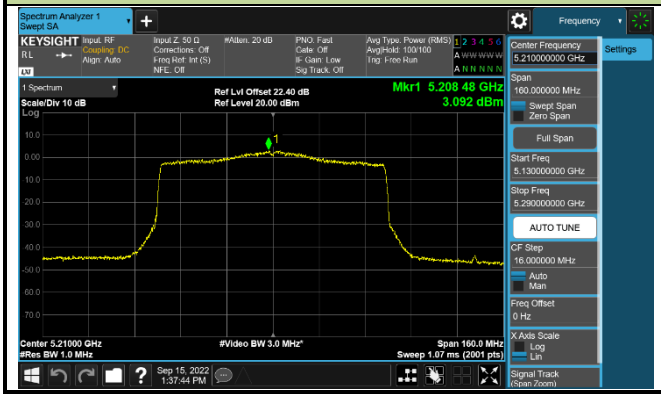
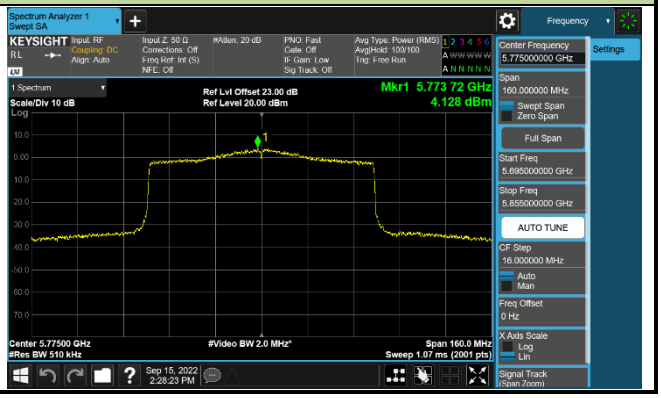
802.11ax-HE40 Power Spectral Density - Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11a Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ac-VHT40 Power Spectral Density - Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ac-VHT80 Power Spectral Density - Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11ax-HE20 Power Spectral Density - Ant 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ax-HE40 Power Spectral Density - Ant 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 1	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

7.7. Frequency Stability Measurement

7.7.1.Test Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.7.2.Test Limit

Frequency Stability Under Temperature Variations:

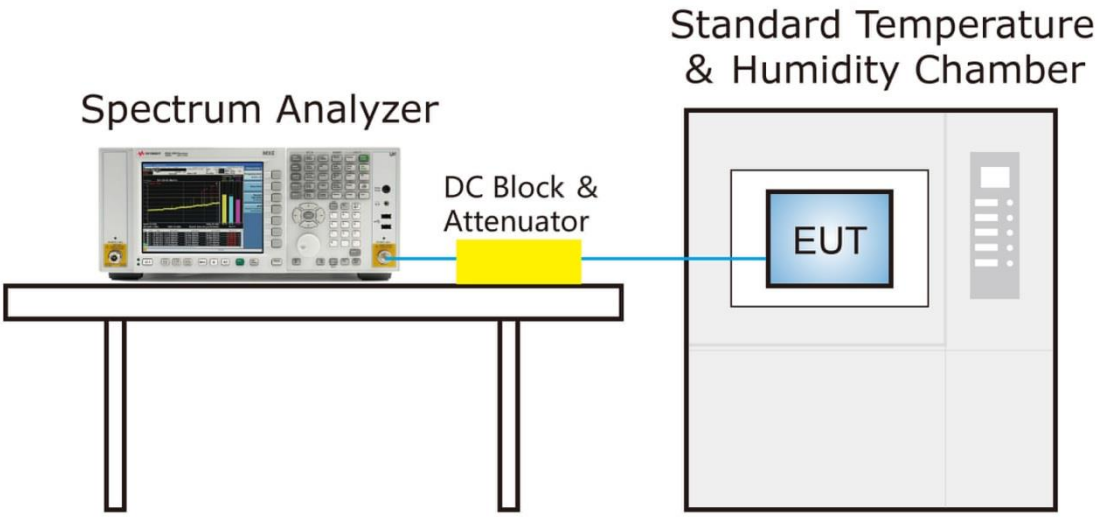
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (±15%) and endpoint, recordthe maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Grantee ensure that the product meets e-CFR Title 47 section 15.407(g) and KDB 789033 D02v02r01 frequency stability such that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.8. Radiated Spurious Emission Measurement

7.8.1.Test 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

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
>1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

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. VBW;If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

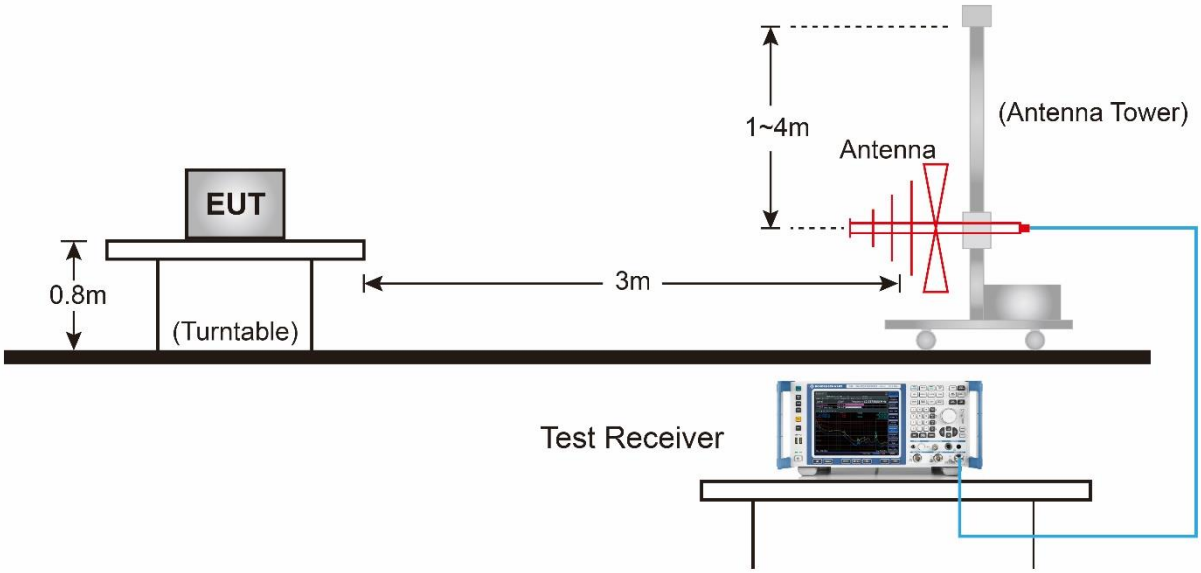
5. Sweep time = auto

6. Trace mode = max hold

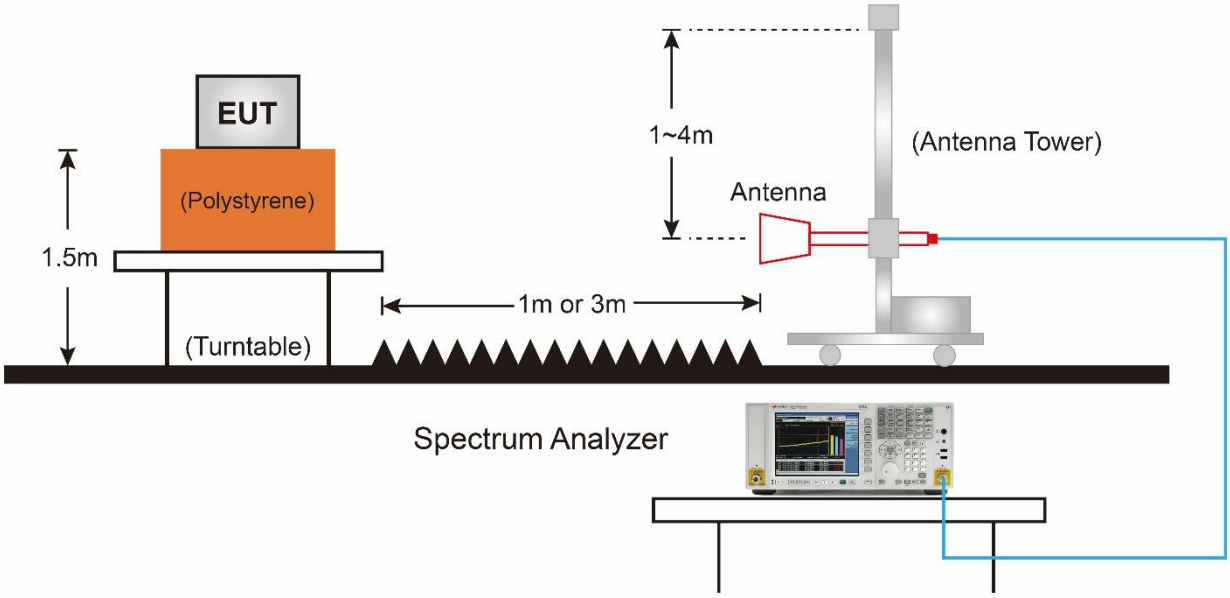
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:

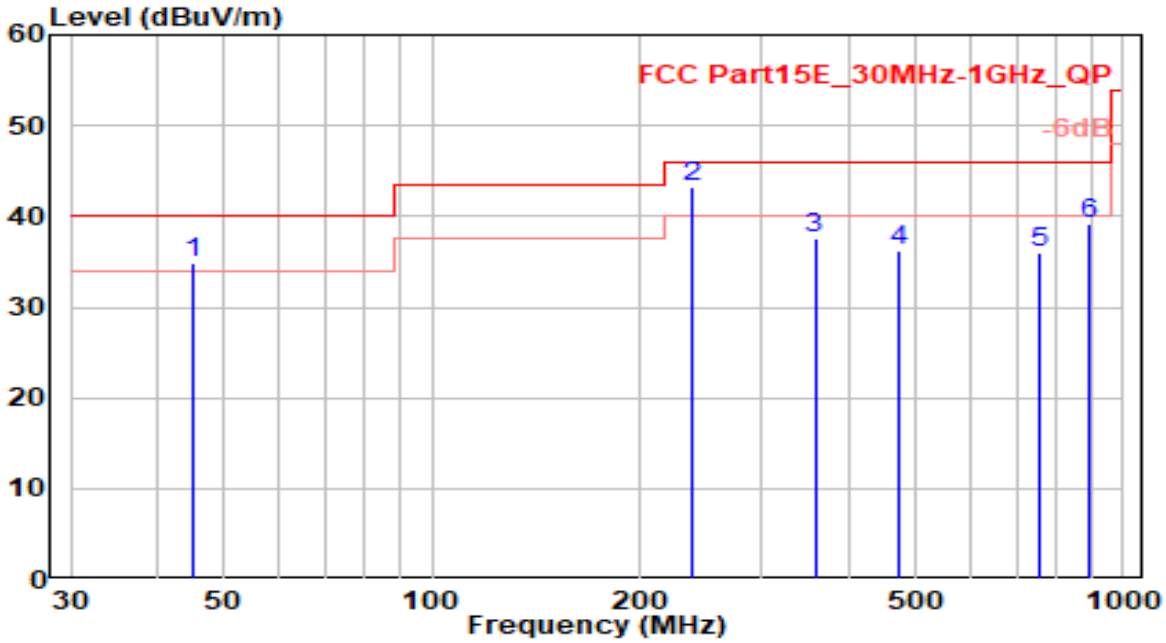


Above 1GHz Test Setup:



7.8.5.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-28
Factor	VULB 9162	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

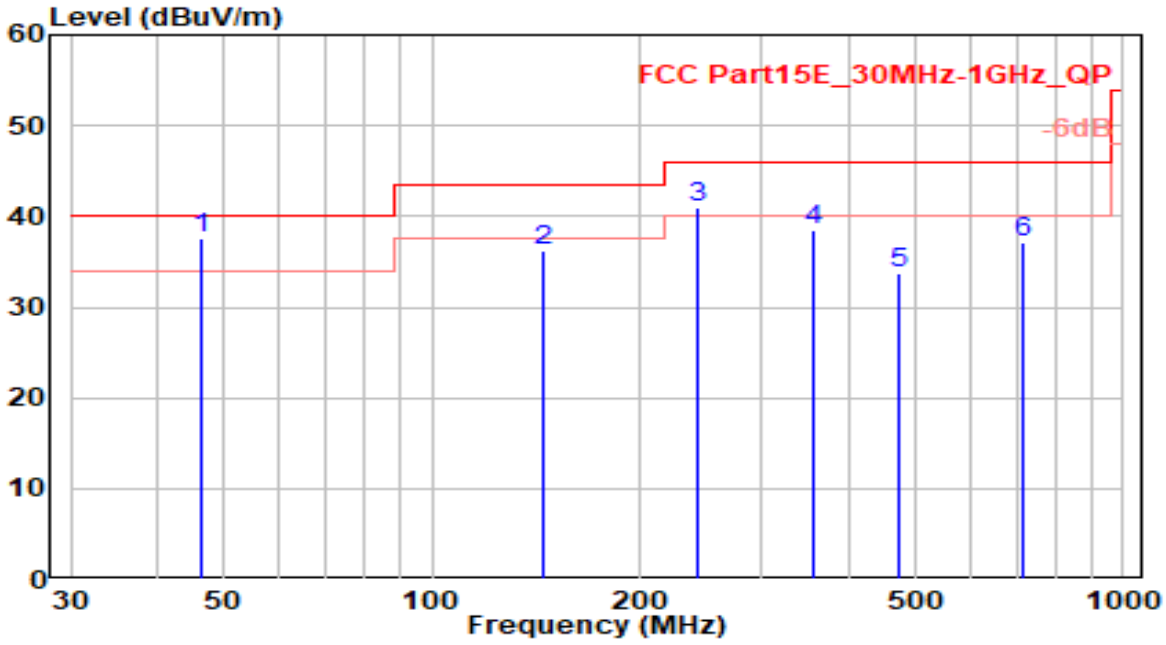


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		45.270	13.46	21.48	34.94	-5.06	40.00	100	275	QP
2	*	237.500	23.13	20.18	43.30	-2.70	46.00	100	350	QP
3		357.990	14.37	23.12	37.49	-8.51	46.00	100	25	QP
4		474.240	11.14	25.06	36.20	-9.80	46.00	100	70	QP
5		756.890	6.35	29.64	36.00	-10.00	46.00	100	10	QP
6		893.900	7.51	31.55	39.06	-6.94	46.00	100	80	QP

Note:

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

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-28
Factor	VULB 9162	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

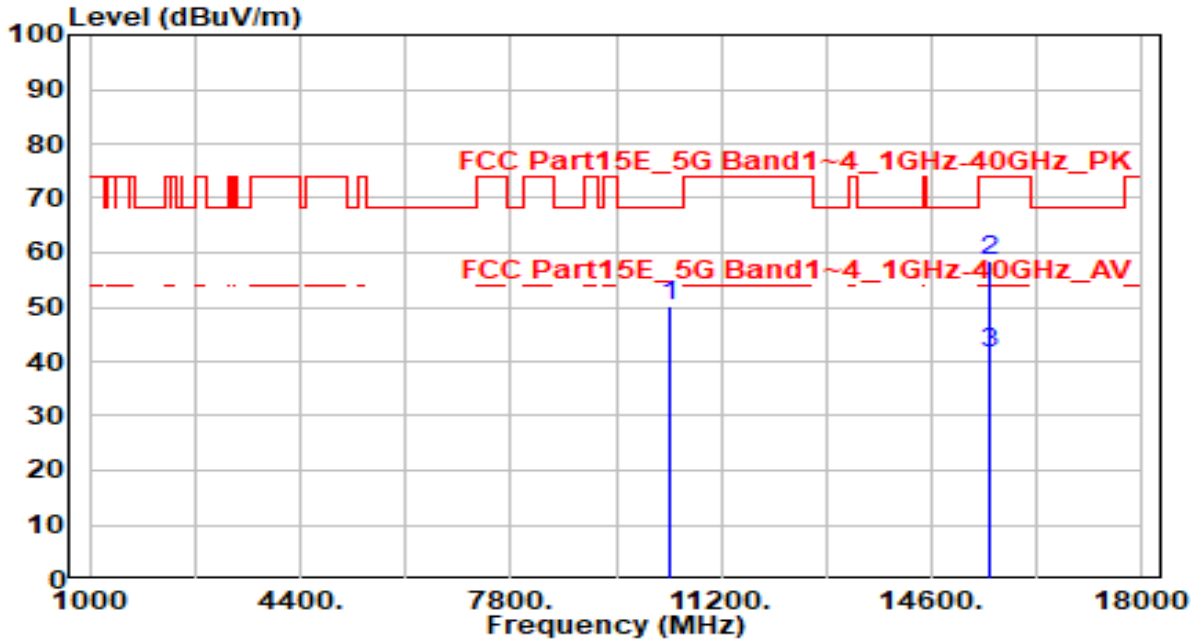


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	46.240	16.00	21.51	37.50	-2.50	40.00	100	15	QP
2		145.350	20.47	15.66	36.13	-7.37	43.50	100	335	QP
3		242.560	20.46	20.44	40.90	-5.10	46.00	100	310	QP
4		355.900	15.37	23.08	38.45	-7.55	46.00	100	265	QP
5		471.710	8.85	24.99	33.84	-12.16	46.00	100	45	QP
6		719.300	7.96	29.18	37.14	-8.86	46.00	100	145	QP

Note:

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

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

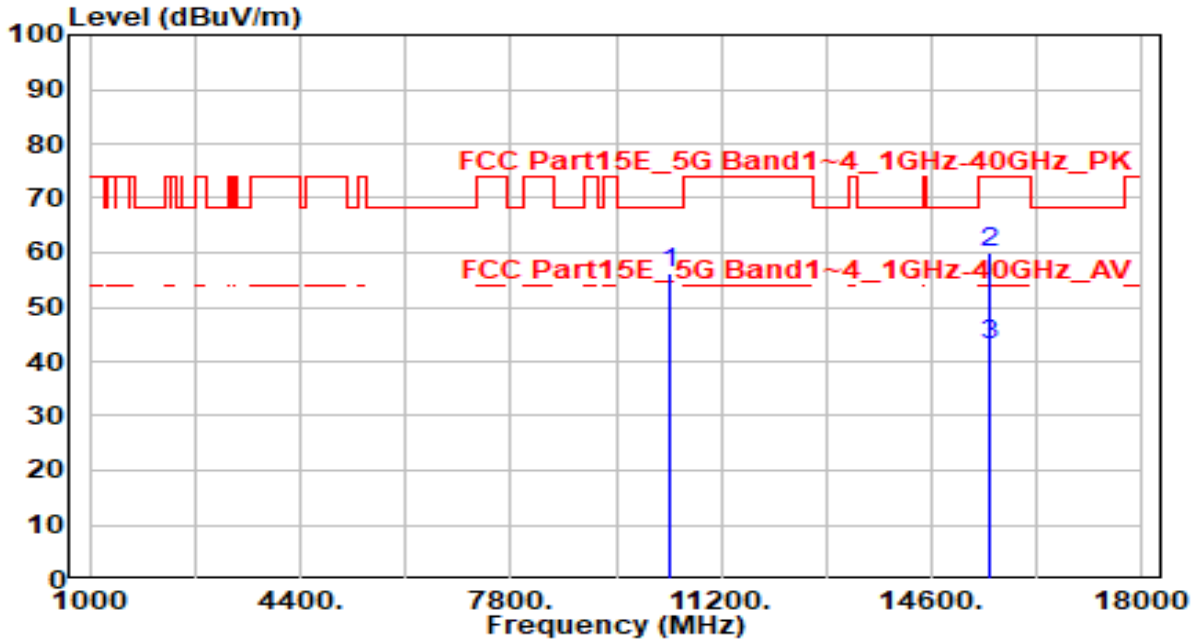


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	45.04	5.29	50.34	-17.86	68.20	100	335	Peak
2	*	15540.000	52.15	6.41	58.56	-15.44	74.00	240	0	Peak
3	*	15540.000	35.11	6.41	41.52	-12.48	54.00	240	0	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

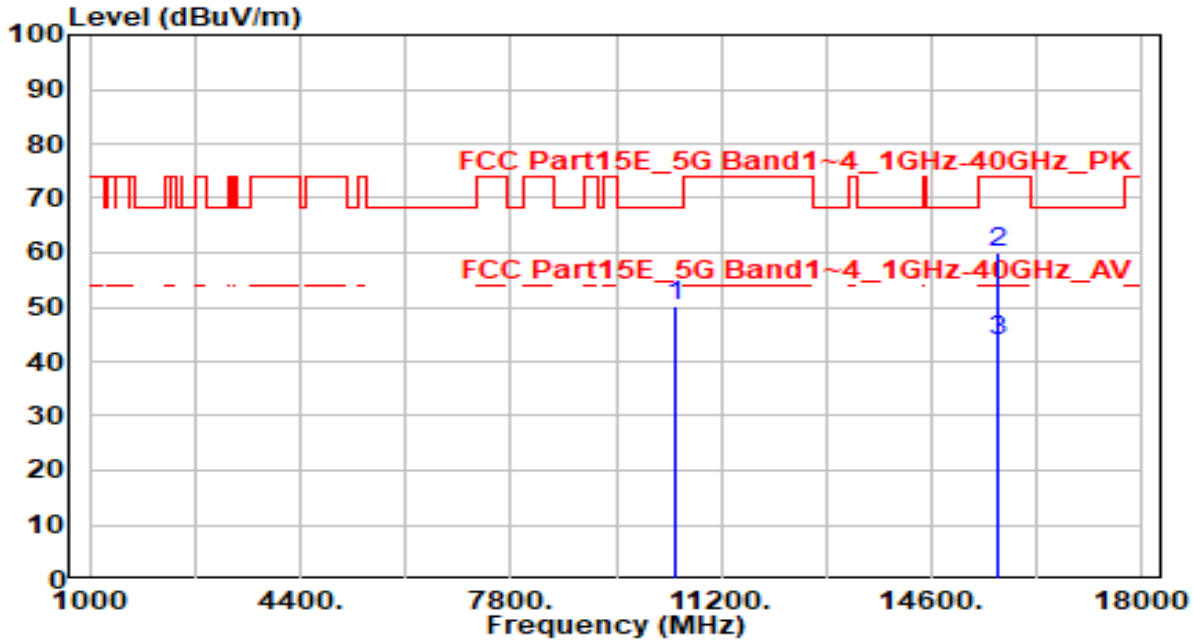


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	50.78	5.29	56.07	-12.13	68.20	200	165	Peak
2	*	15540.000	53.74	6.41	60.15	-13.85	74.00	100	125	Peak
3	*	15540.000	36.74	6.41	43.15	-10.85	54.00	100	125	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. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

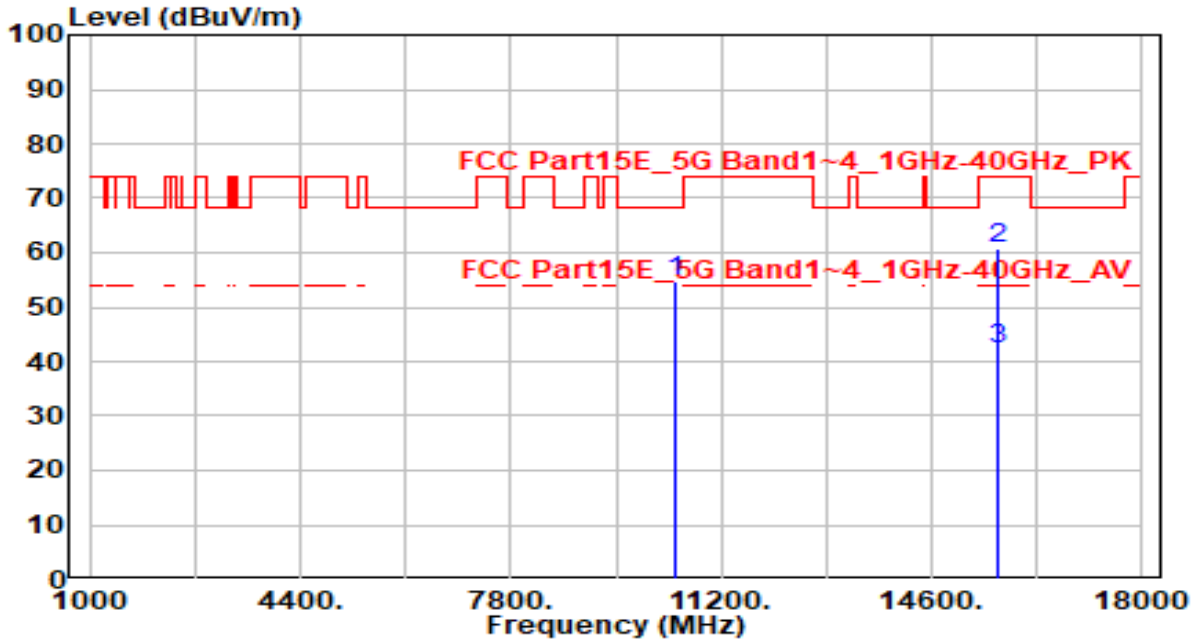


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	44.81	5.28	50.08	-18.12	68.20	200	120	Peak
2	*	15660.000	53.42	6.56	59.98	-14.02	74.00	200	15	Peak
3	*	15660.000	37.05	6.56	43.61	-10.39	54.00	200	15	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

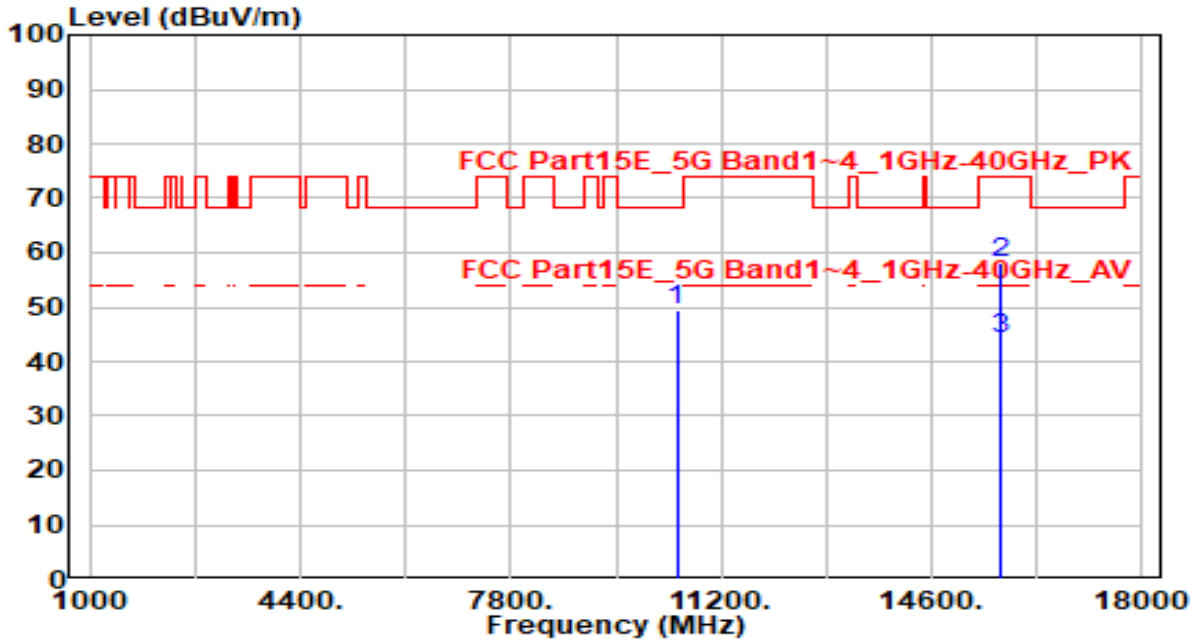


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	49.46	5.28	54.74	-13.46	68.20	100	165	Peak
2	*	15660.000	54.11	6.56	60.67	-13.33	74.00	100	65	Peak
3	*	15660.000	35.68	6.56	42.24	-11.76	54.00	100	65	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

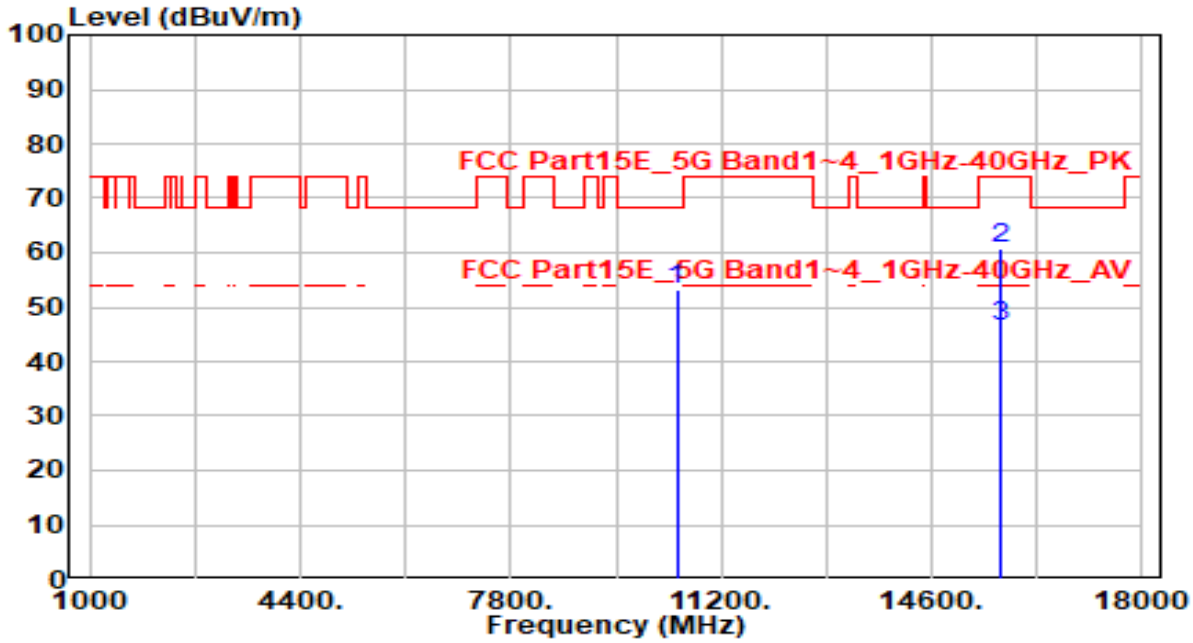


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	44.07	5.26	49.33	-18.87	68.20	200	295	Peak
2	*	15720.000	51.28	6.69	57.97	-16.03	74.00	200	10	Peak
3	*	15720.000	37.55	6.69	44.24	-9.76	54.00	200	10	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

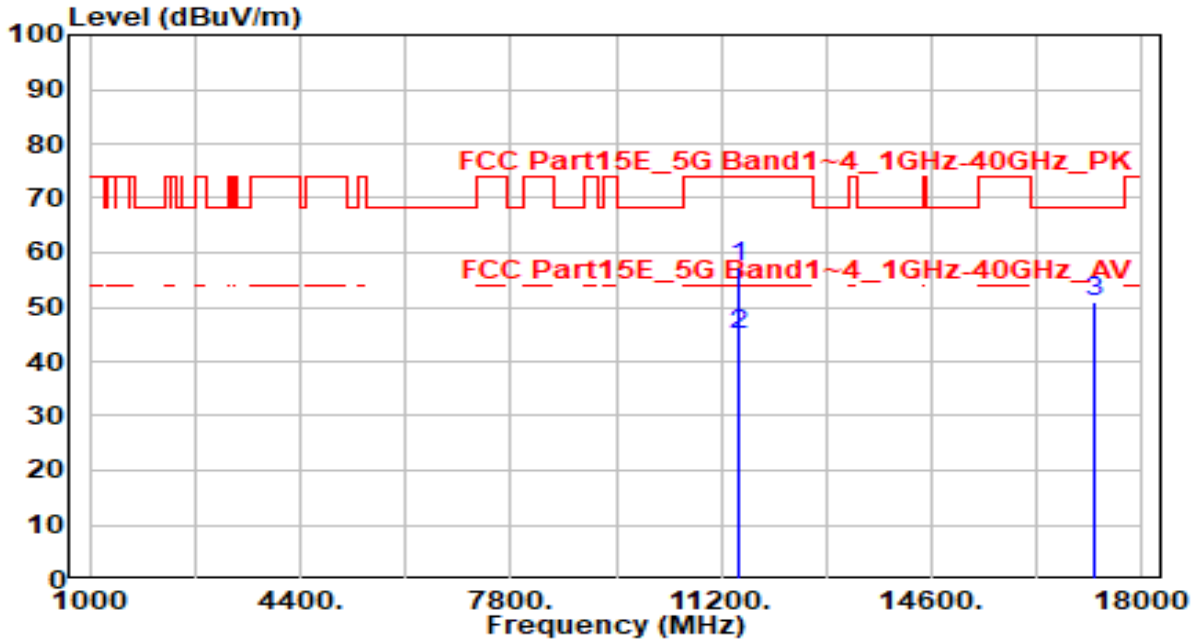


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	47.82	5.26	53.08	-15.12	68.20	100	160	Peak
2	*	15720.000	54.17	6.69	60.86	-13.14	74.00	100	65	Peak
3	*	15720.000	39.85	6.69	46.54	-7.46	54.00	100	65	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

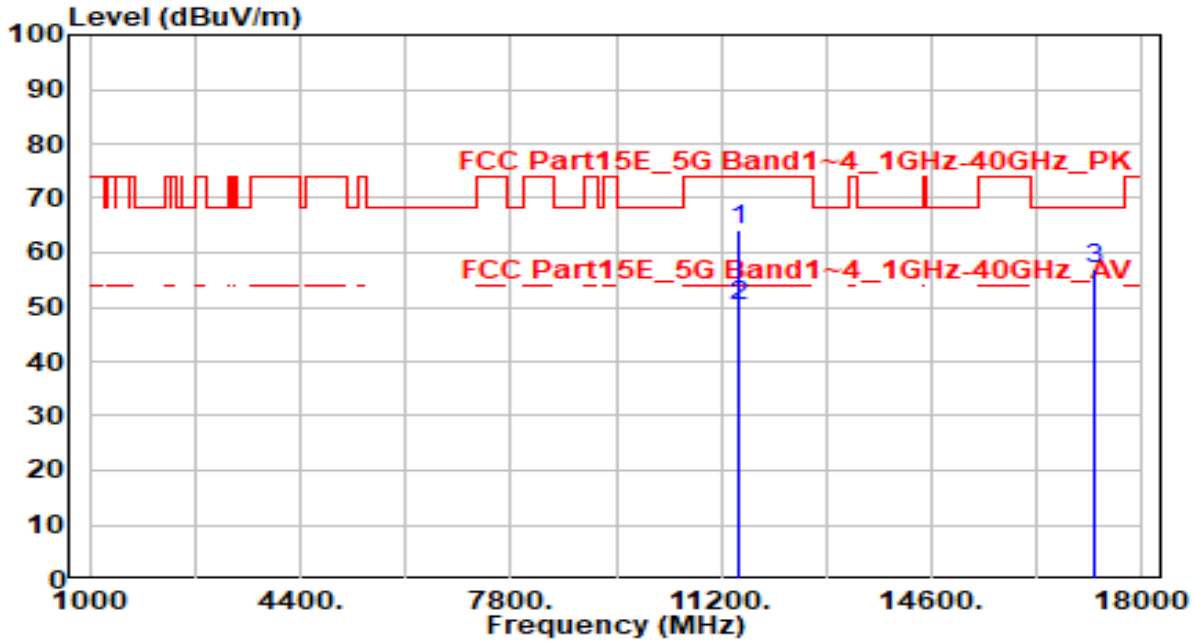


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	51.27	5.94	57.21	-16.79	74.00	200	210	Peak
2	*	11490.000	39.02	5.94	44.96	-9.04	54.00	200	210	Average
3		17235.000	45.20	5.78	50.99	-17.21	68.20	200	50	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

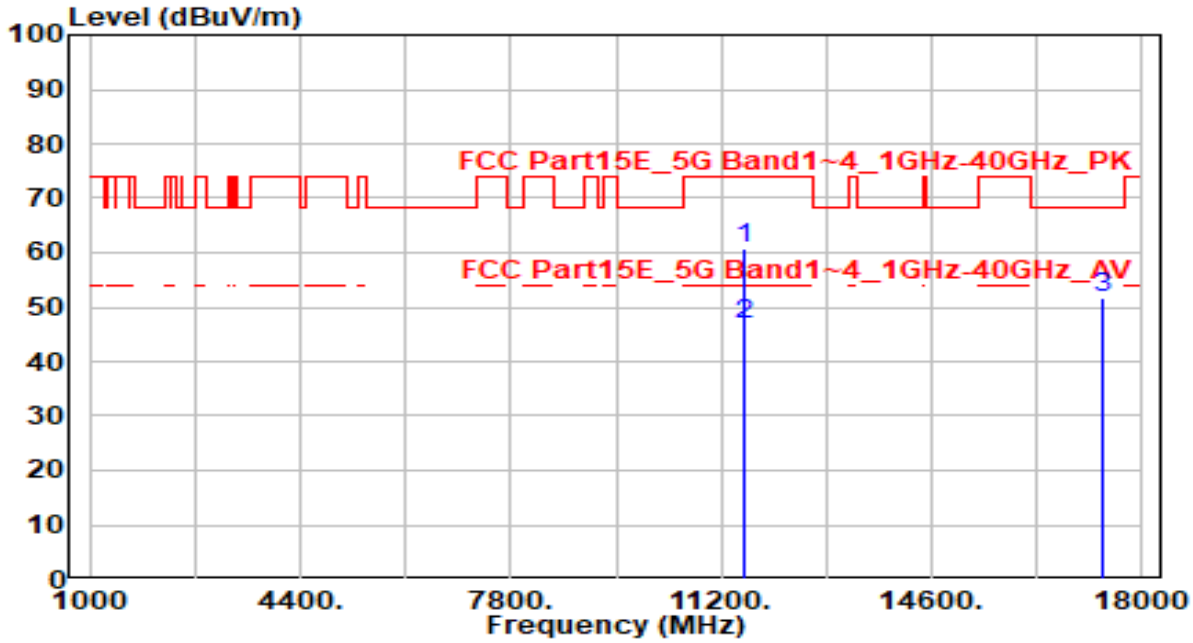


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	58.14	5.94	64.08	-9.92	74.00	100	135	Peak
2	*	11490.000	44.17	5.94	50.11	-3.89	54.00	100	135	Average
3		17235.000	51.07	5.78	56.86	-11.34	68.20	100	75	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. No3 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

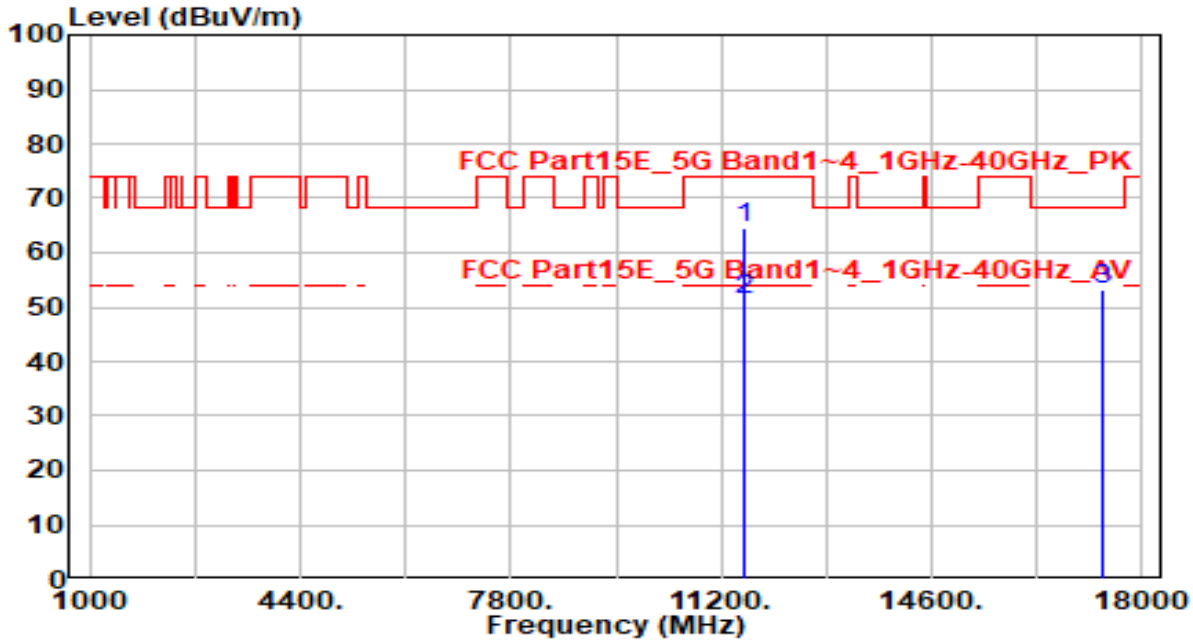


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	54.66	5.91	60.57	-13.43	74.00	200	205	Peak
2	*	11570.000	40.72	5.91	46.63	-7.37	54.00	200	205	Average
3		17355.000	46.02	5.54	51.55	-16.65	68.20	200	360	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

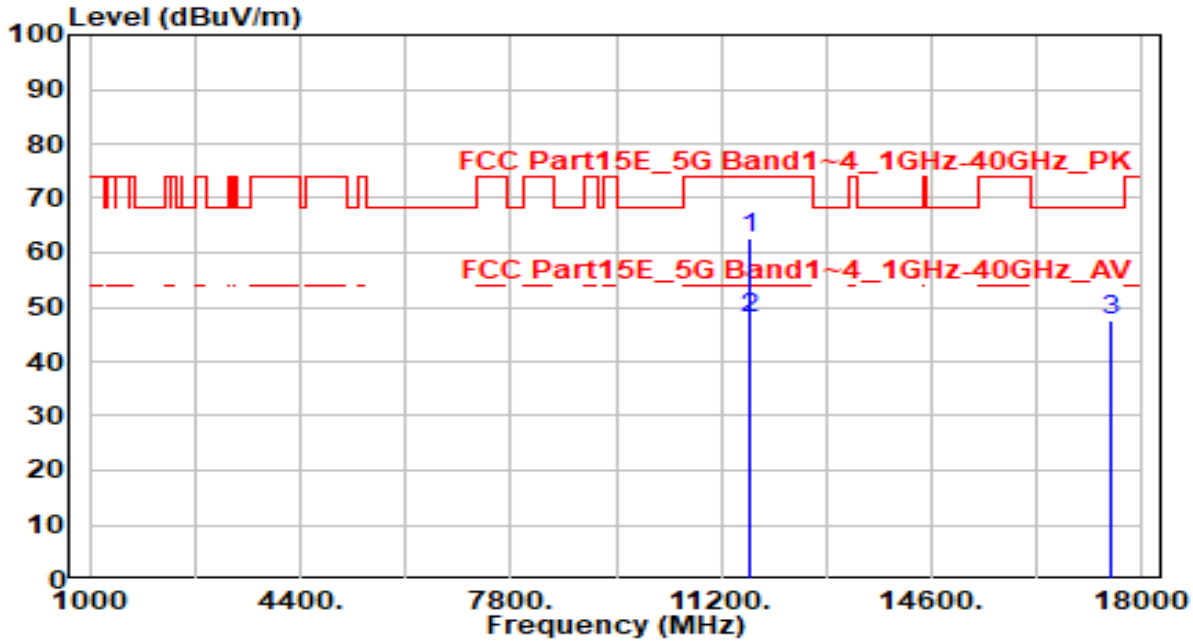


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	58.67	5.91	64.58	-9.42	74.00	120	140	Peak
2	*	11570.000	45.58	5.91	51.49	-2.51	54.00	120	140	Average
3		17355.000	47.78	5.54	53.31	-14.89	68.20	100	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

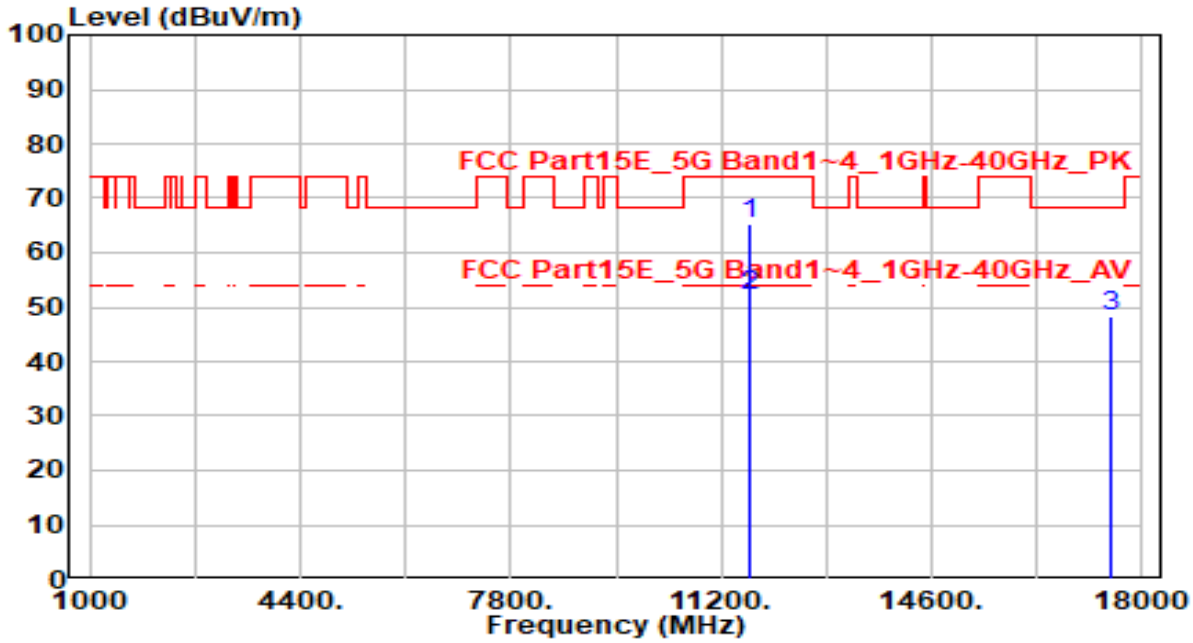


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	56.66	5.86	62.52	-11.49	74.00	205	175	Peak
2	*	11650.000	42.10	5.86	47.96	-6.04	54.00	205	175	Average
3		17475.000	42.28	5.44	47.72	-20.48	68.20	200	115	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

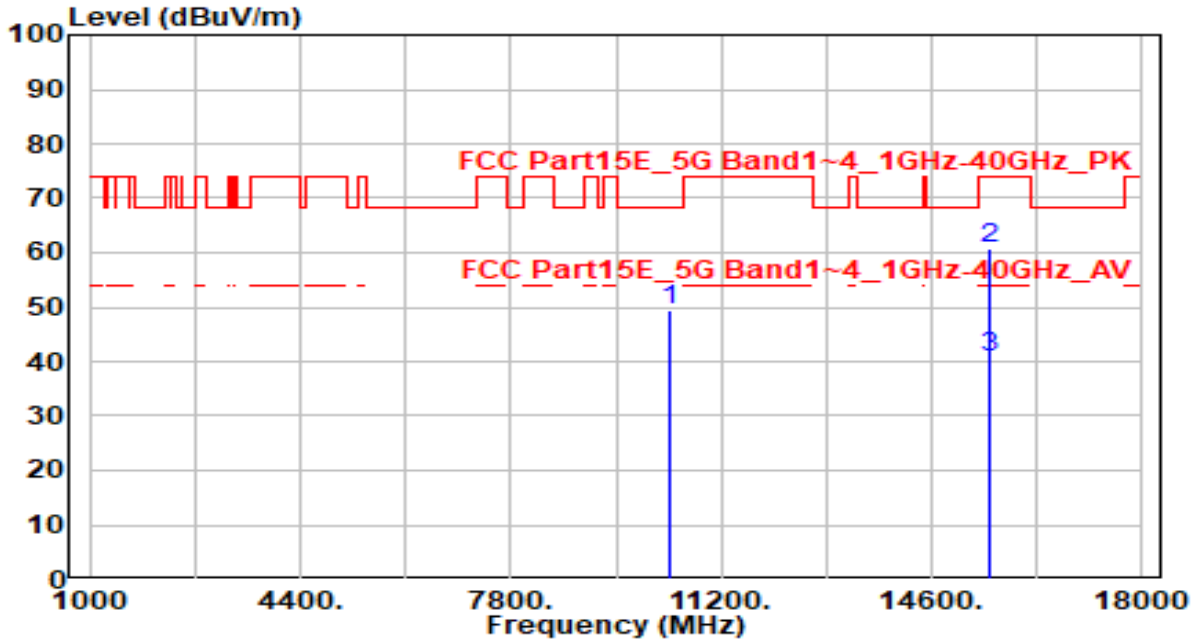


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	59.52	5.86	65.38	-8.63	74.00	100	150	Peak
2	*	11650.000	46.05	5.86	51.91	-2.10	54.00	100	150	Average
3		17475.000	42.76	5.44	48.20	-20.00	68.20	100	145	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

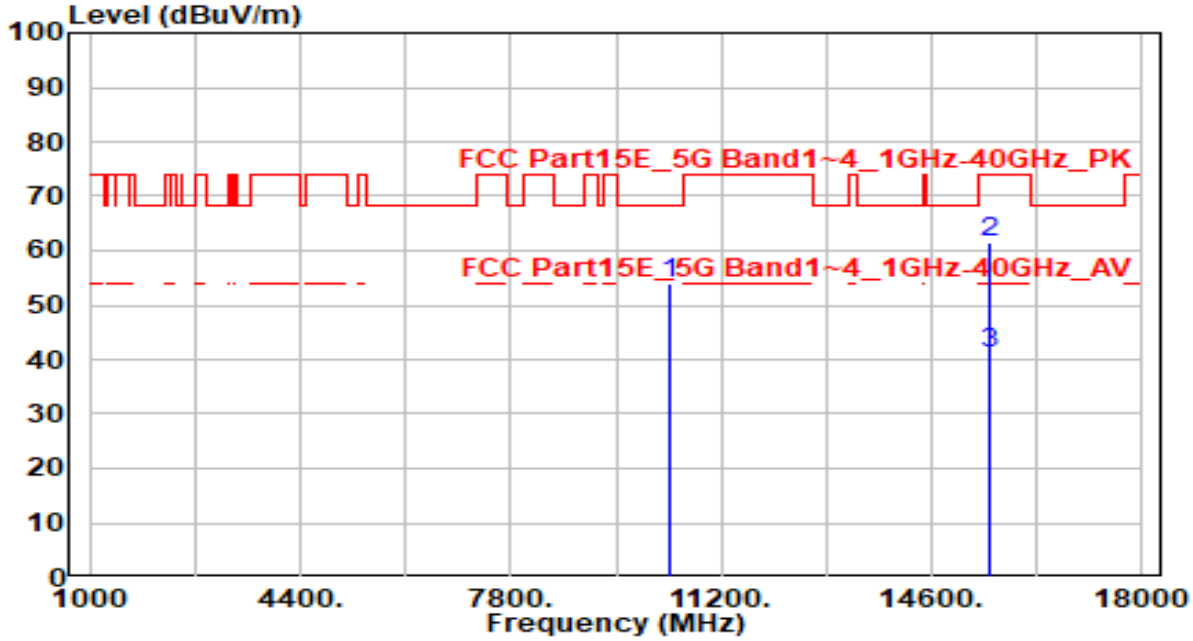


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	44.28	5.29	49.57	-18.63	68.20	200	135	Peak
2	*	15540.000	54.29	6.41	60.70	-13.30	74.00	200	10	Peak
3	*	15540.000	34.27	6.41	40.68	-13.32	54.00	200	10	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

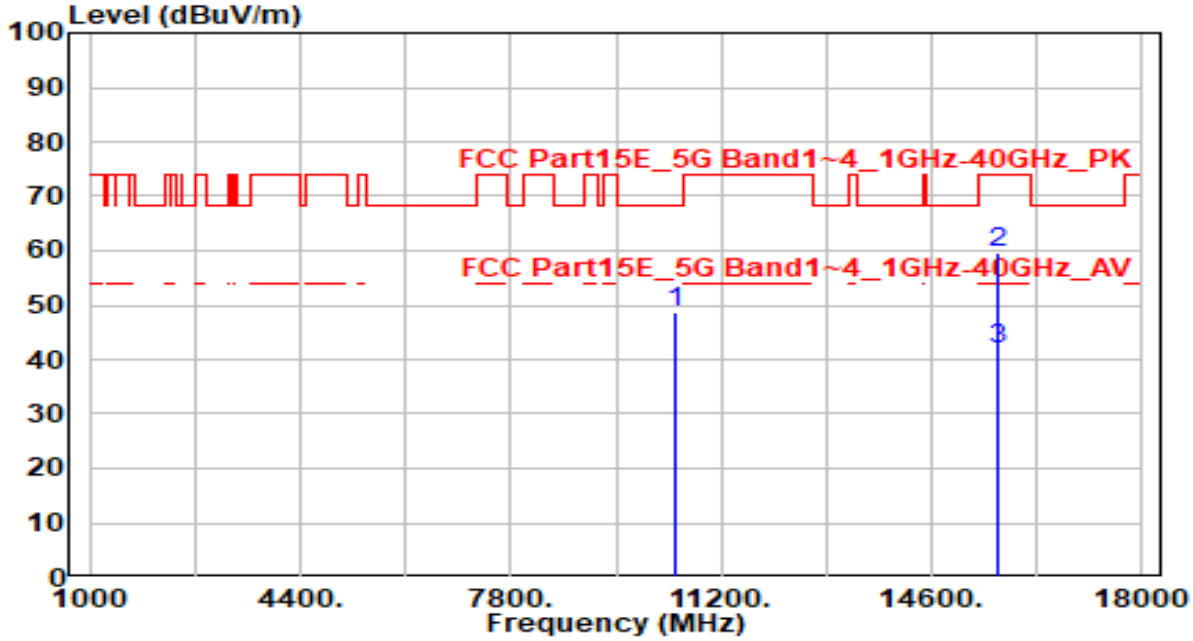


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	48.50	5.29	53.79	-14.41	68.20	100	160	Peak
2	*	15540.000	55.07	6.41	61.48	-12.52	74.00	110	65	Peak
3	*	15540.000	34.78	6.41	41.19	-12.81	54.00	110	65	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

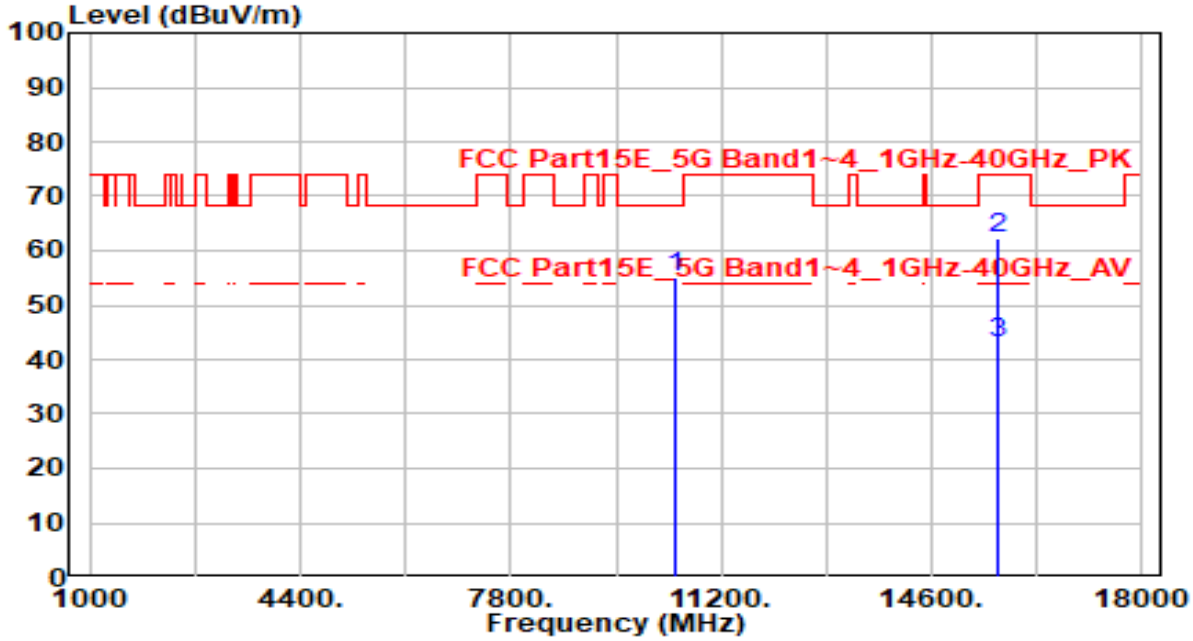


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	43.47	5.28	48.74	-19.46	68.20	200	135	Peak
2	*	15660.000	53.08	6.56	59.64	-14.36	74.00	200	5	Peak
3	*	15660.000	35.28	6.56	41.84	-12.16	54.00	200	5	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

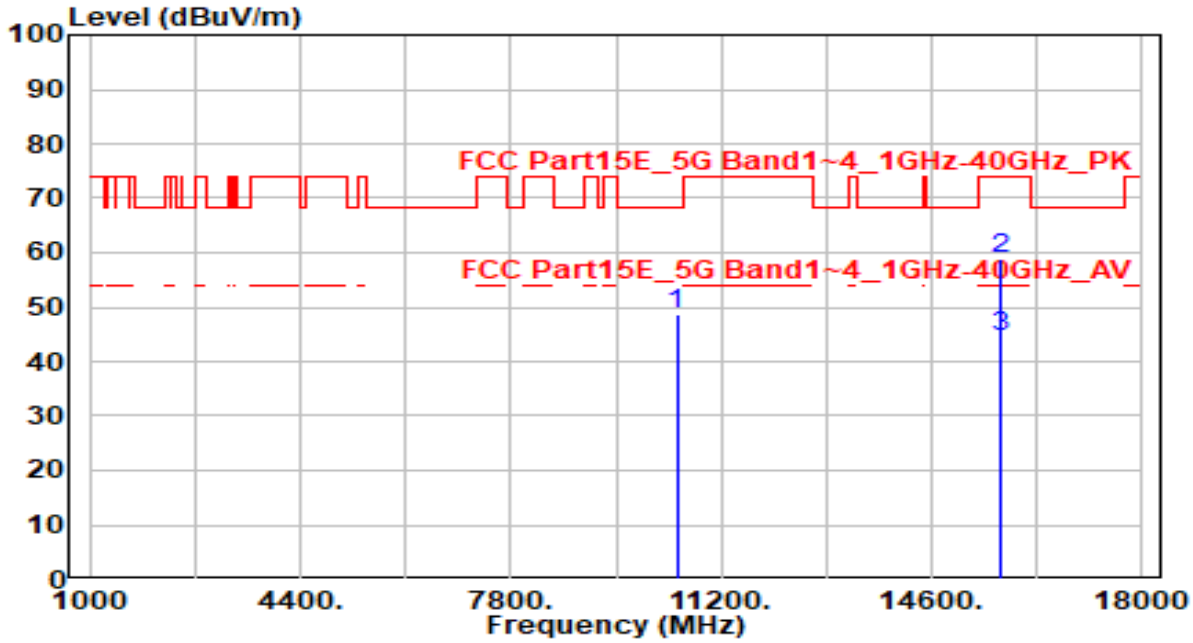


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	49.90	5.28	55.17	-13.03	68.20	100	160	Peak
2	*	15660.000	55.54	6.56	62.10	-11.90	74.00	100	120	Peak
3	*	15660.000	36.31	6.56	42.87	-11.13	54.00	100	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

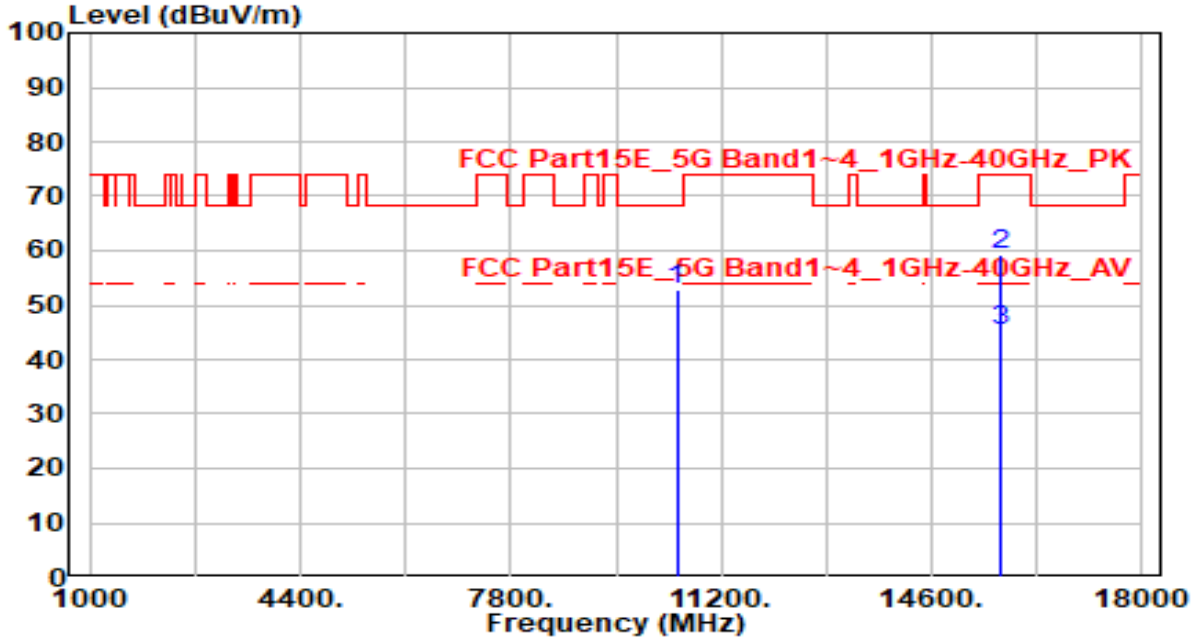


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	43.40	5.26	48.66	-19.54	68.20	200	60	Peak
2	*	15720.000	52.22	6.69	58.91	-15.09	74.00	200	355	Peak
3	*	15720.000	37.94	6.69	44.63	-9.37	54.00	200	355	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

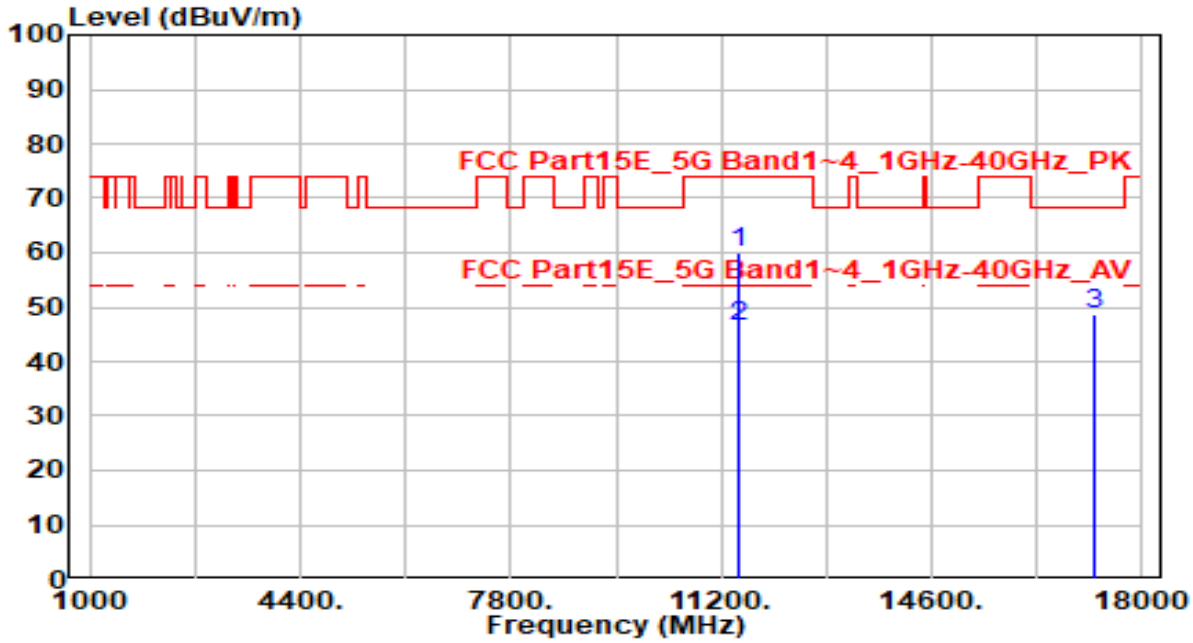


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	47.60	5.26	52.86	-15.34	68.20	100	165	Peak
2	*	15720.000	52.37	6.69	59.06	-14.94	74.00	100	120	Peak
3	*	15720.000	38.58	6.69	45.27	-8.73	54.00	100	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

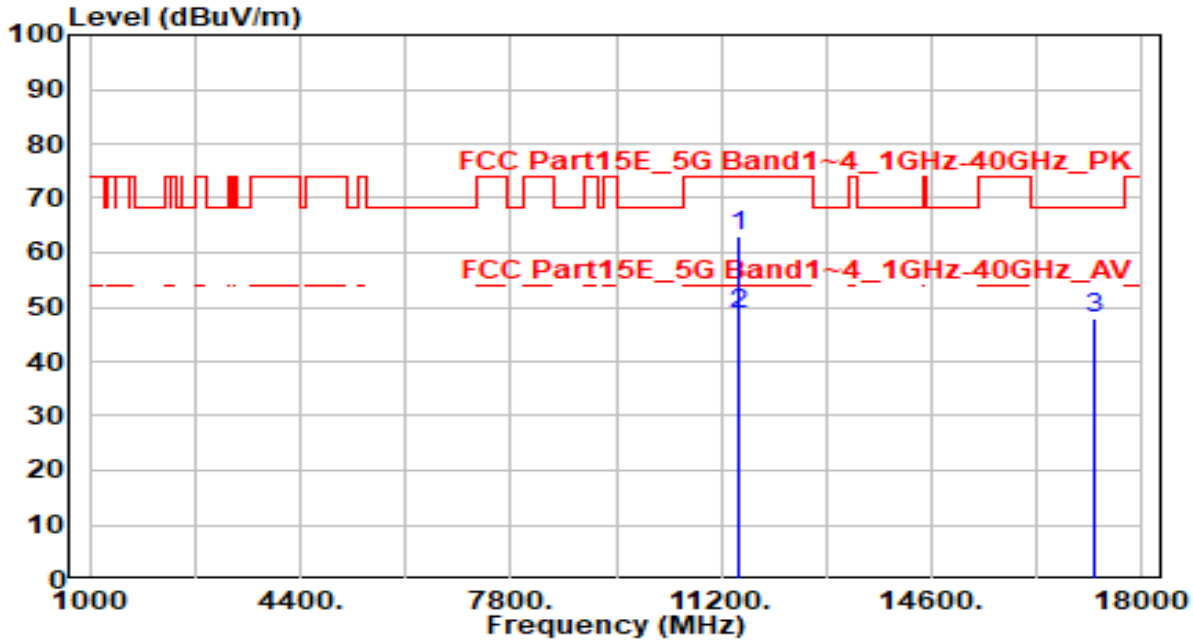


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	54.07	5.94	60.01	-13.99	74.00	200	210	Peak
2	*	11490.000	40.30	5.94	46.24	-7.76	54.00	200	210	Average
3		17235.000	43.04	5.78	48.83	-19.37	68.20	200	315	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

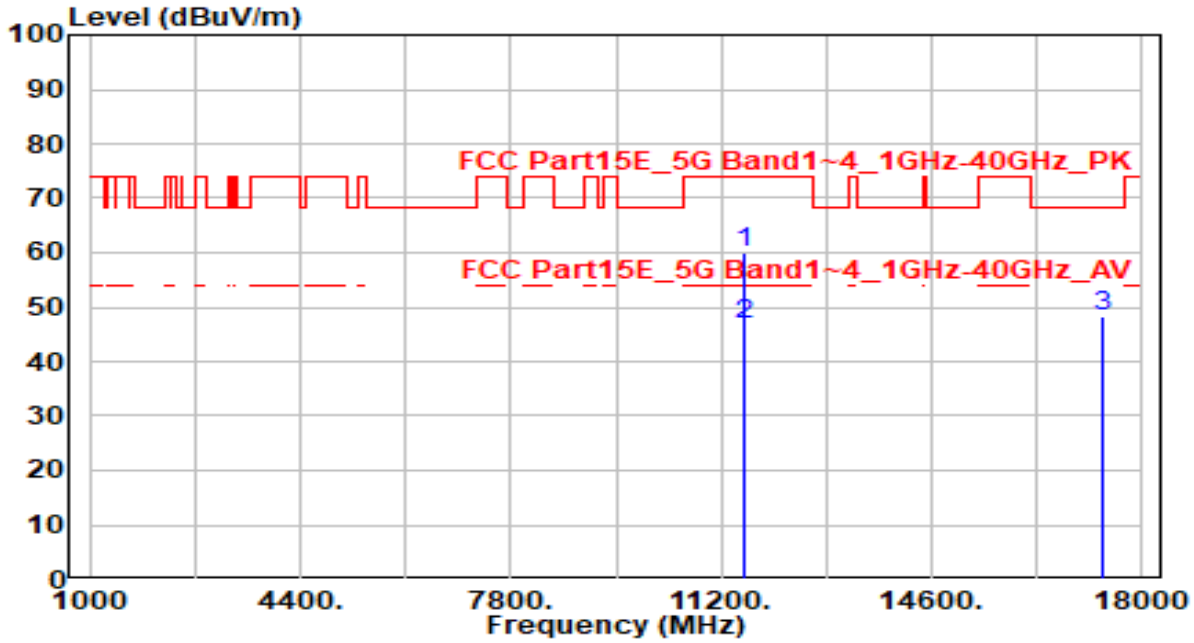


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	57.13	5.94	63.07	-10.93	74.00	100	135	Peak
2	*	11490.000	42.91	5.94	48.85	-5.15	54.00	100	135	Average
3		17235.000	42.16	5.78	47.95	-20.25	68.20	100	10	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

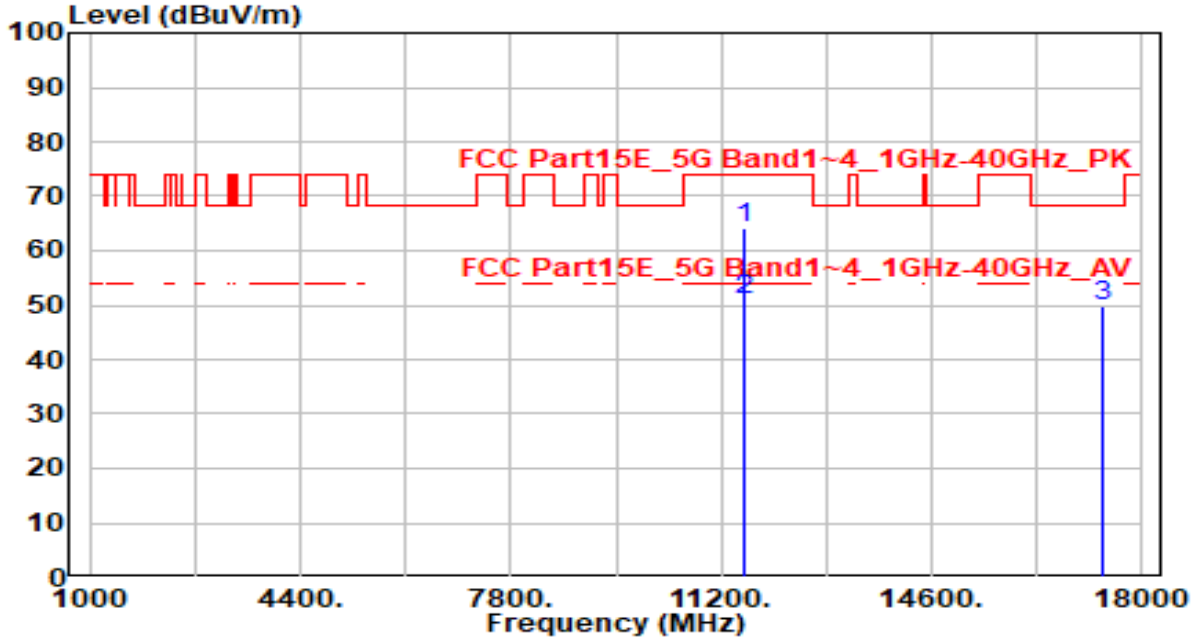


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	54.08	5.91	59.99	-14.01	74.00	200	215	Peak
2	*	11570.000	40.95	5.91	46.86	-7.14	54.00	200	215	Average
3		17355.000	42.70	5.54	48.24	-19.96	68.20	200	70	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

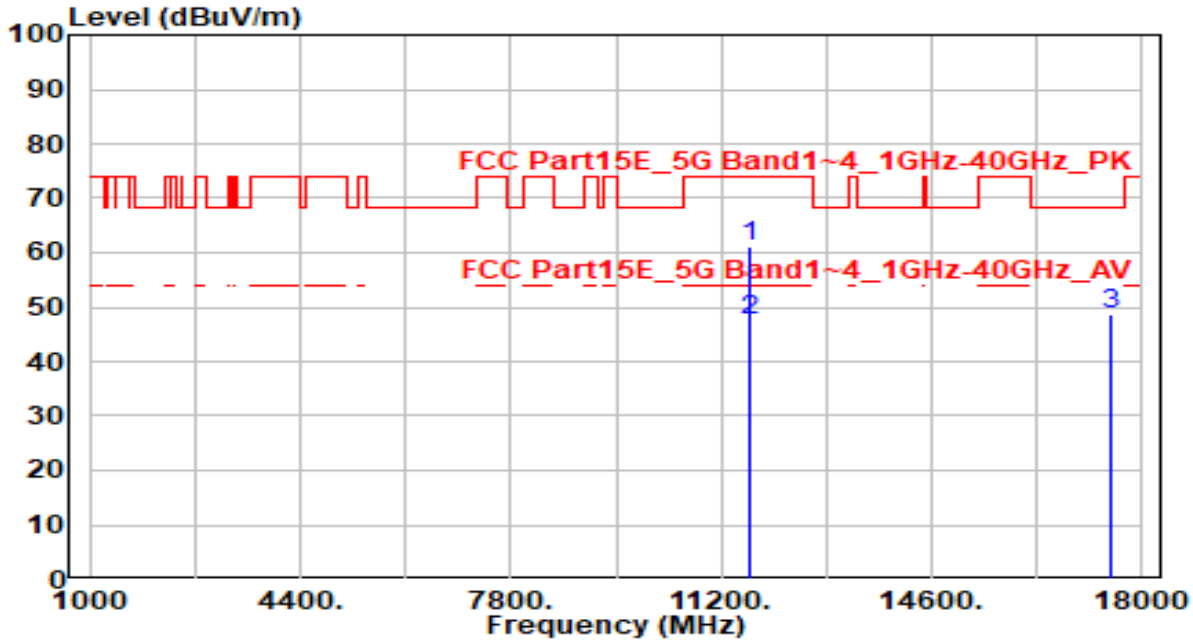


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	58.40	5.91	64.31	-9.69	74.00	110	145	Peak
2	*	11570.000	45.01	5.91	50.92	-3.08	54.00	110	145	Average
3		17355.000	44.24	5.54	49.78	-18.42	68.20	100	75	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

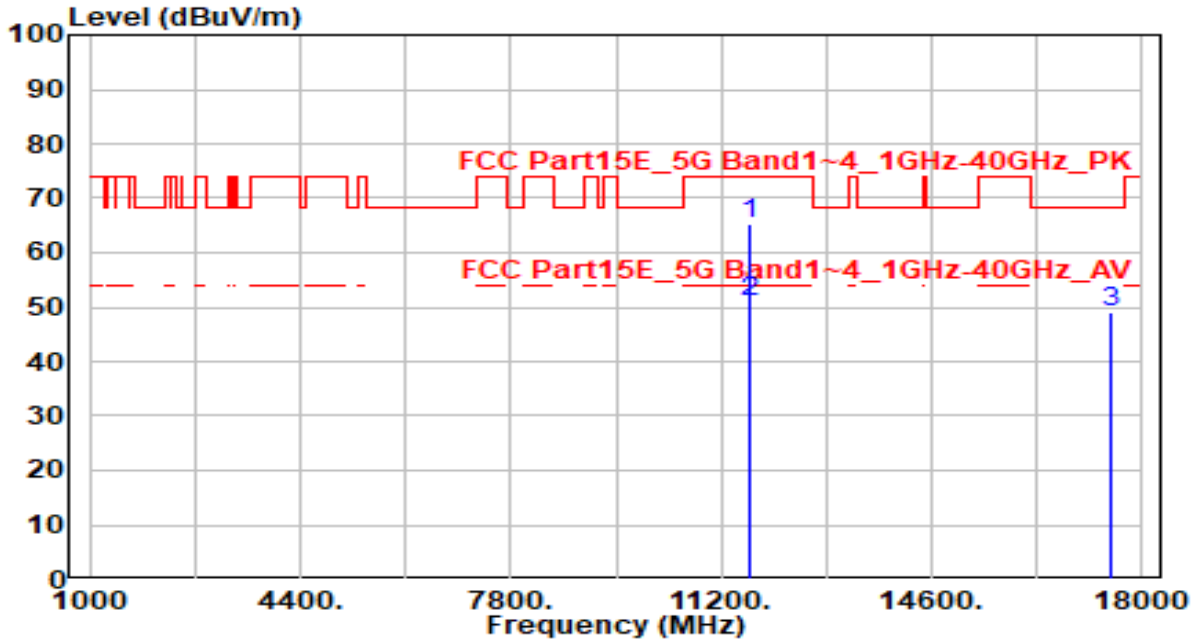


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	55.30	5.86	61.16	-12.85	74.00	210	175	Peak
2	*	11650.000	41.60	5.86	47.46	-6.54	54.00	210	175	Average
3		17475.000	43.13	5.44	48.56	-19.64	68.20	200	360	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

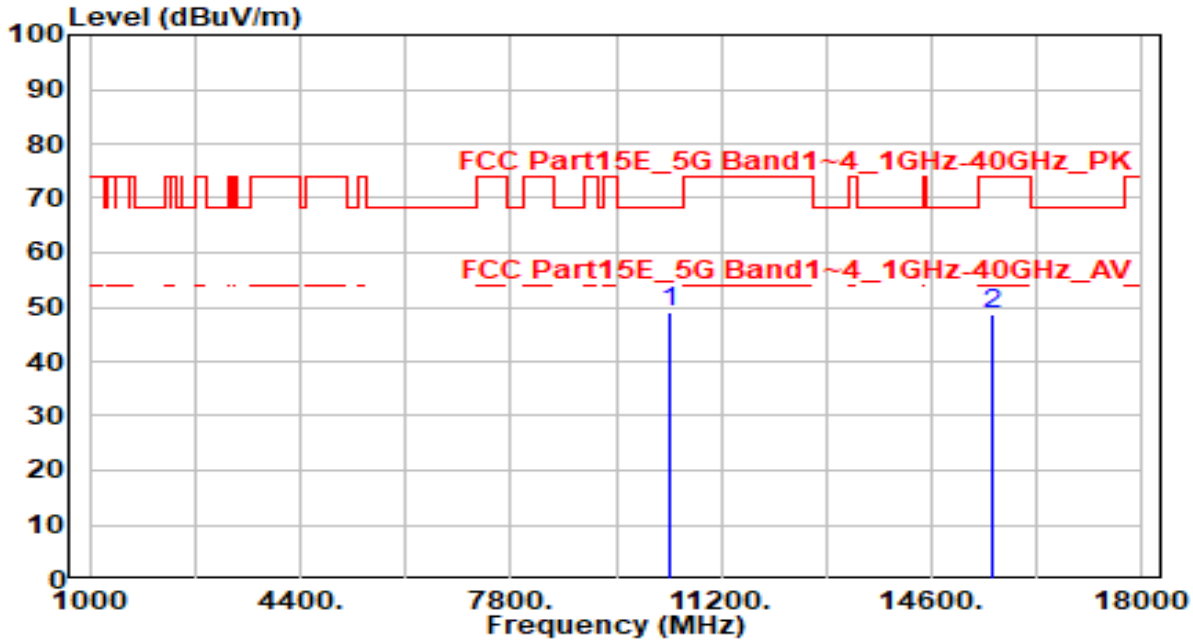


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	59.44	5.86	65.30	-8.70	74.00	100	65	Peak
2	*	11650.000	45.02	5.86	50.88	-3.13	54.00	100	65	Average
3		17475.000	43.69	5.44	49.12	-19.08	68.20	100	85	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

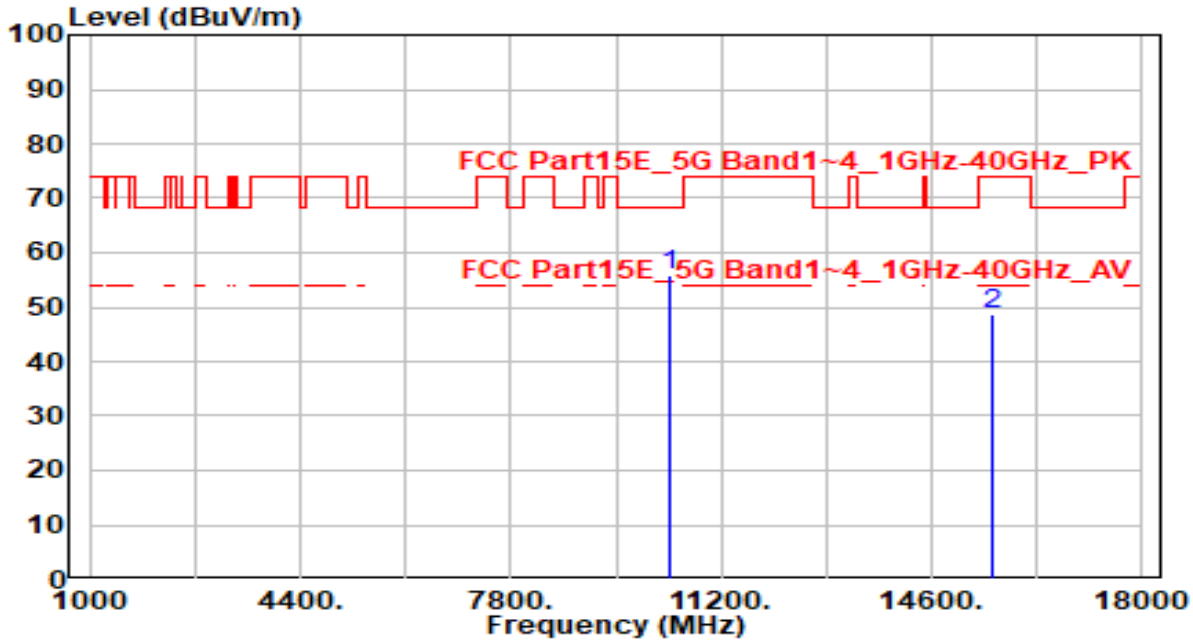


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	43.71	5.30	49.00	-19.20	68.20	200	215	Peak
2		15570.000	42.24	6.41	48.65	-25.35	74.00	200	150	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

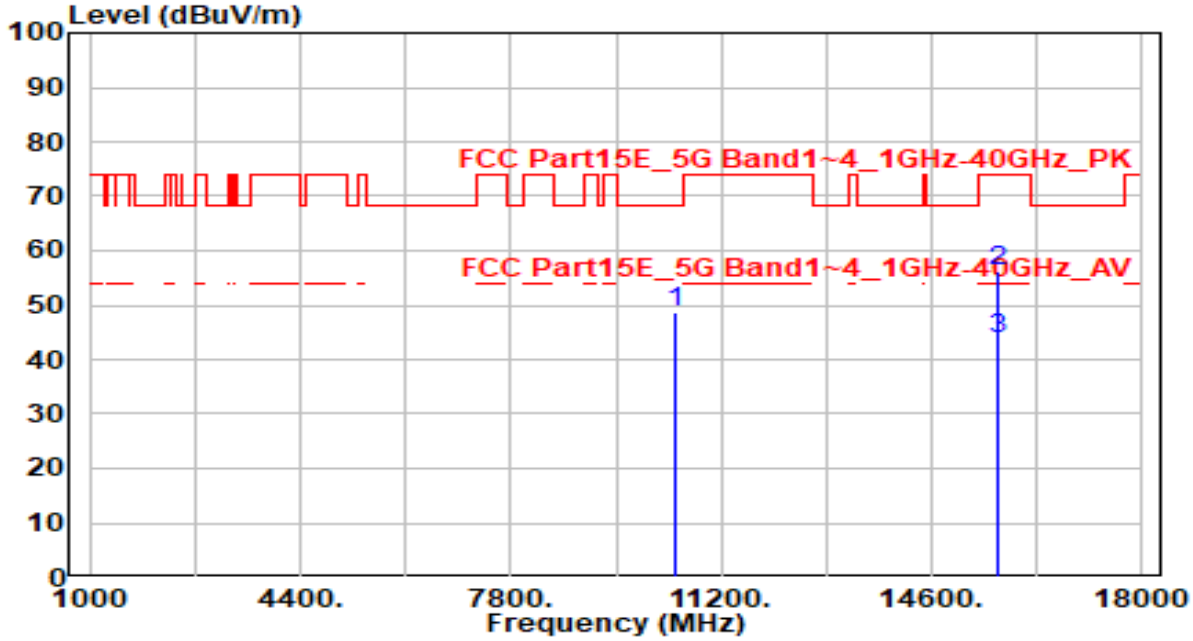


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	50.37	5.30	55.67	-12.53	68.20	100	155	Peak
2		15570.000	42.20	6.41	48.62	-25.38	74.00	100	125	Peak

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. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

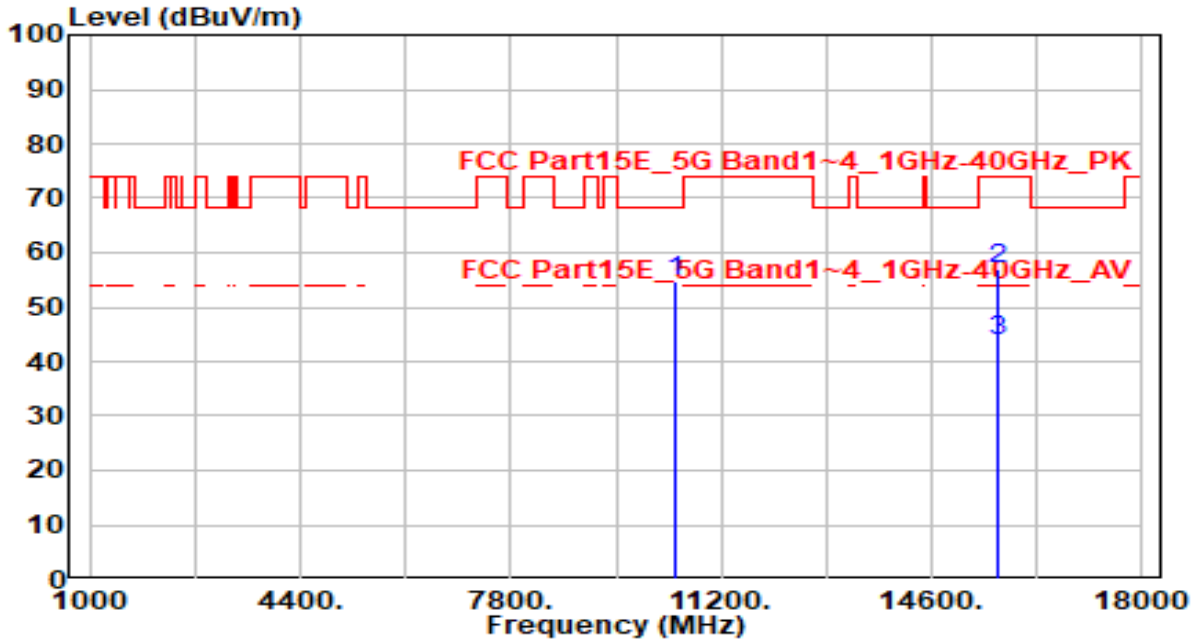


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	43.44	5.27	48.71	-19.49	68.20	200	230	Peak
2	*	15690.000	49.74	6.63	56.37	-17.63	74.00	200	0	Peak
3	*	15690.000	37.04	6.63	43.67	-10.33	54.00	200	0	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

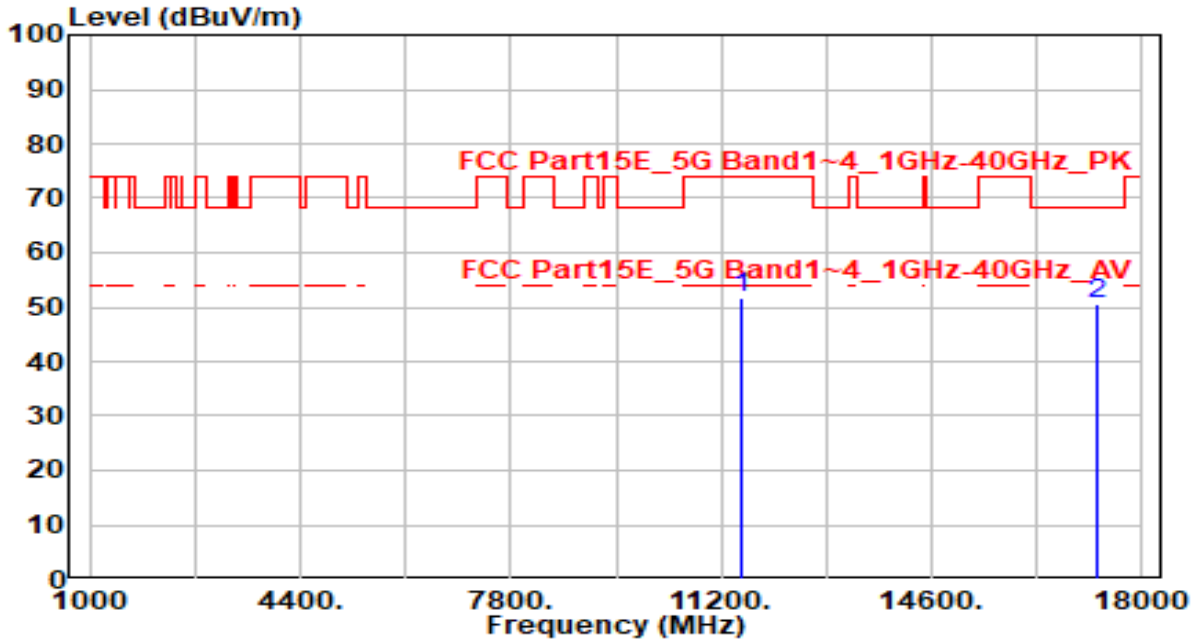


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	49.33	5.27	54.60	-13.60	68.20	100	155	Peak
2	*	15690.000	50.31	6.63	56.93	-17.07	74.00	100	120	Peak
3	*	15690.000	37.15	6.63	43.78	-10.22	54.00	100	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

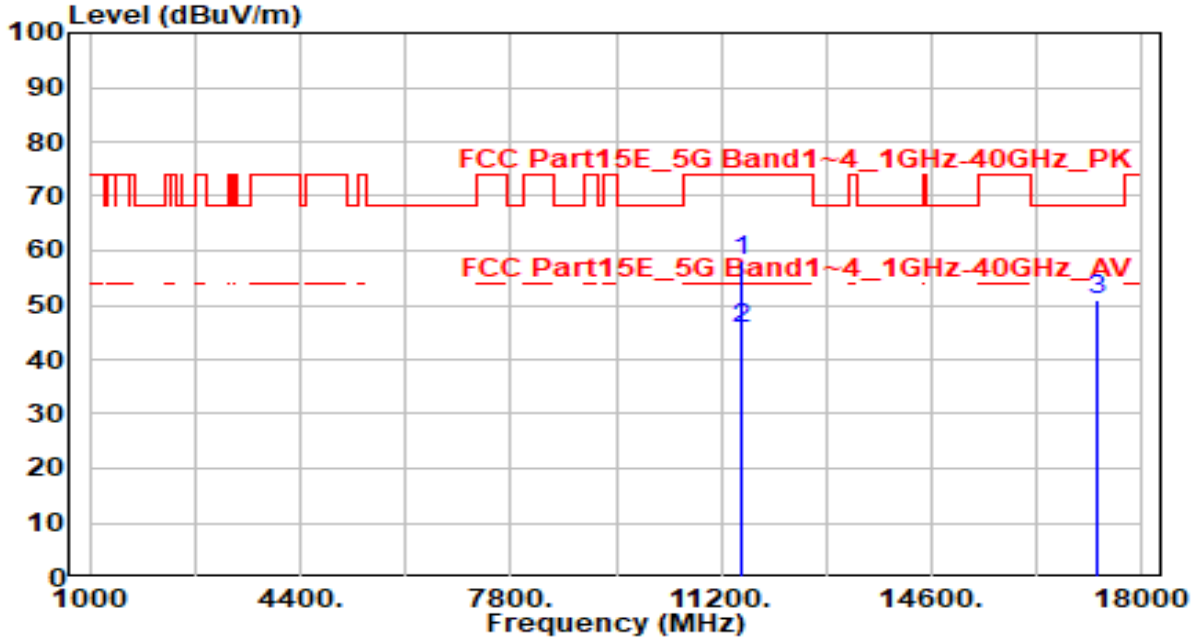


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	45.64	5.94	51.58	-22.42	74.00	200	360	Peak
2	*	17265.000	44.97	5.72	50.70	-17.50	68.20	200	305	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

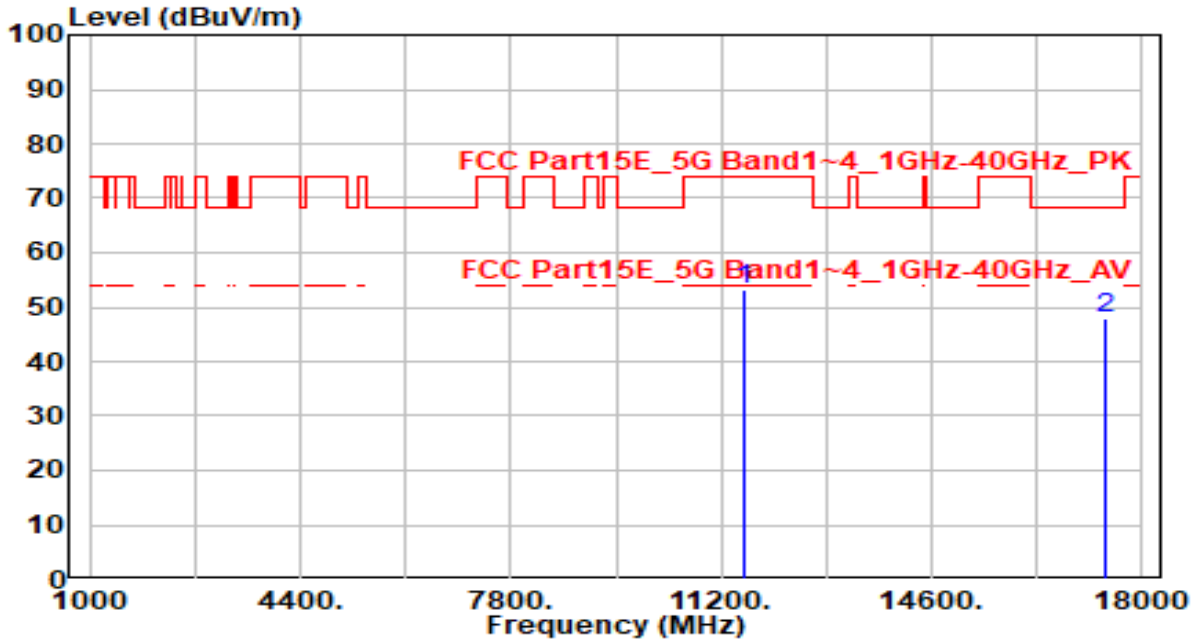


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	52.02	5.94	57.96	-16.04	74.00	100	65	Peak
2	*	11510.000	39.80	5.94	45.74	-8.26	54.00	100	65	Average
3		17265.000	45.36	5.72	51.08	-17.12	68.20	100	80	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

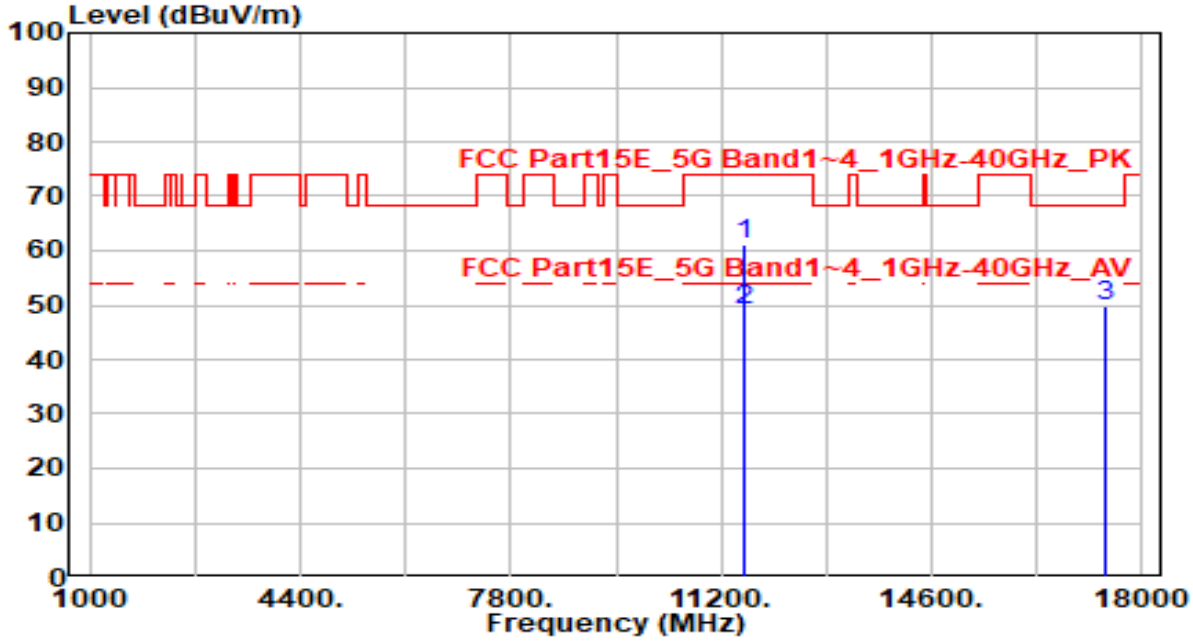


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	47.40	5.90	53.30	-20.70	74.00	200	215	Peak
2	*	17385.000	42.55	5.47	48.02	-20.18	68.20	200	245	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

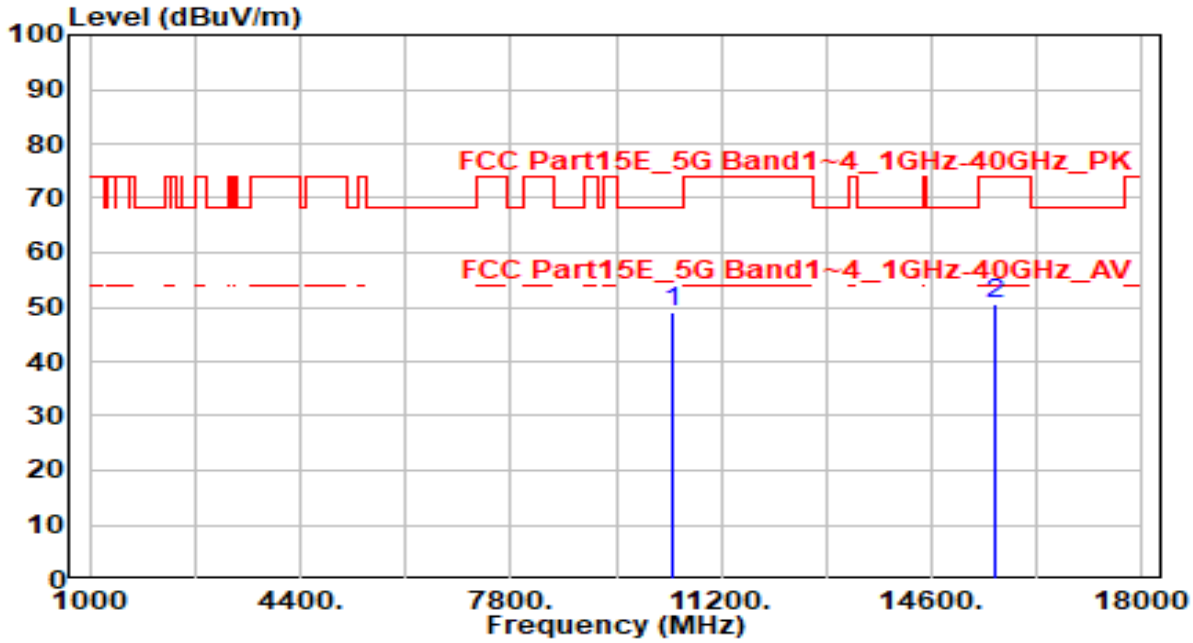


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11590.000	55.34	5.90	61.24	-12.76	74.00	120	65	Peak
2	*	11590.000	42.97	5.90	48.87	-5.13	54.00	120	65	Average
3		17385.000	44.52	5.47	50.00	-18.20	68.20	100	80	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

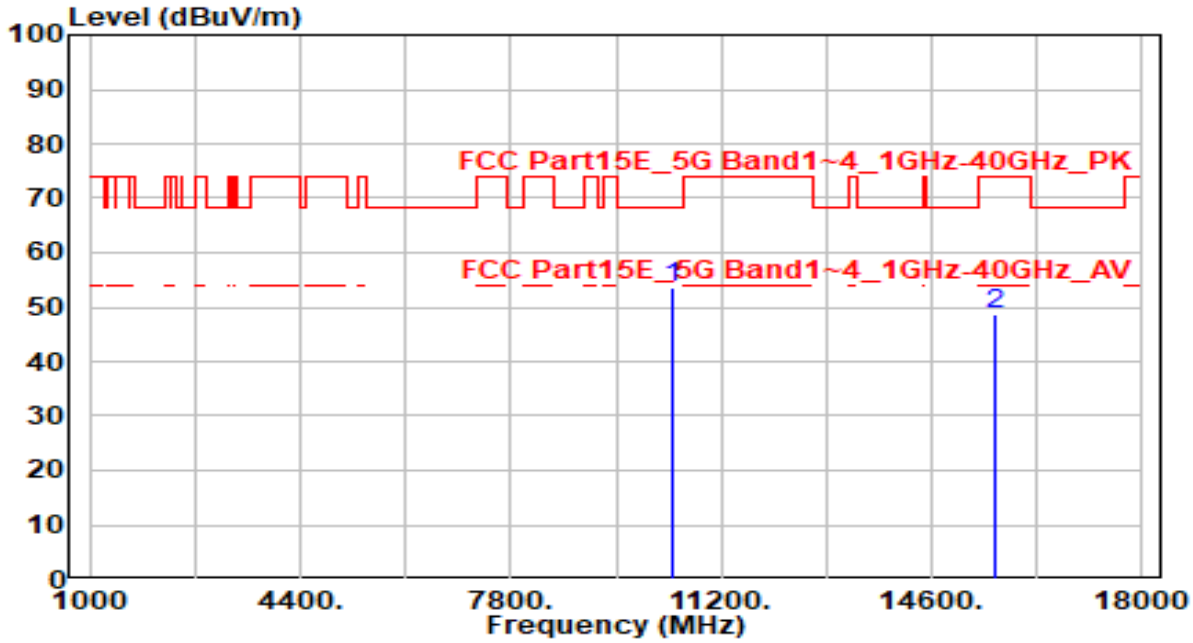


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	43.80	5.29	49.09	-19.11	68.20	200	230	Peak
2		15630.000	43.98	6.49	50.47	-23.53	74.00	200	235	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

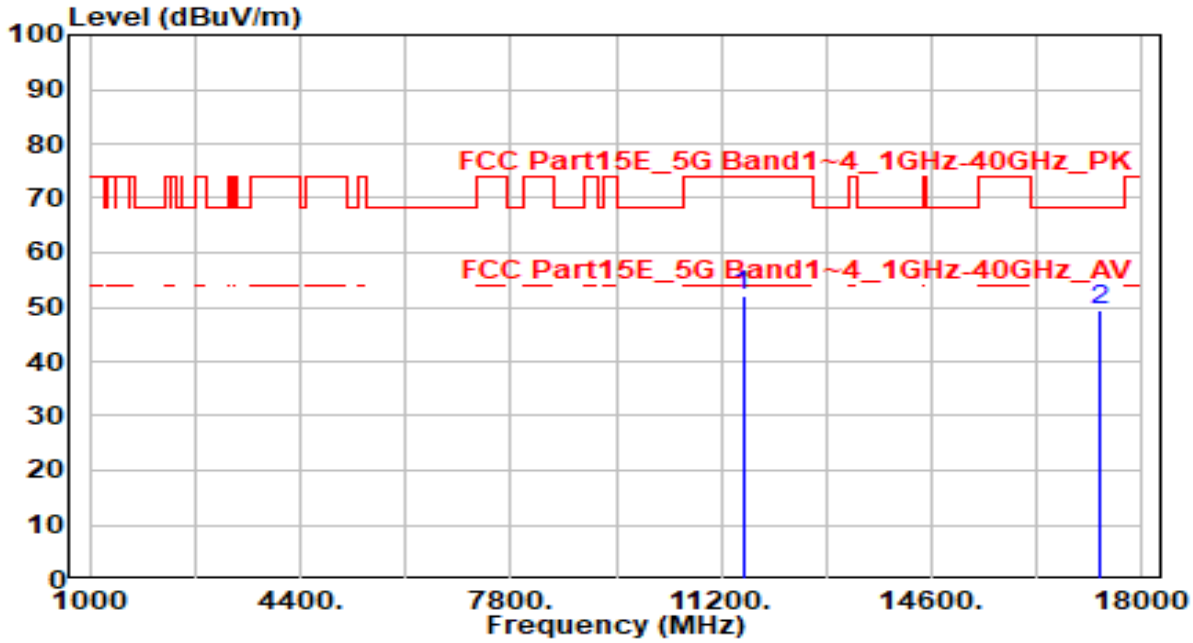


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	48.37	5.29	53.66	-14.54	68.20	100	155	Peak
2		15630.000	42.02	6.49	48.51	-25.49	74.00	100	65	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

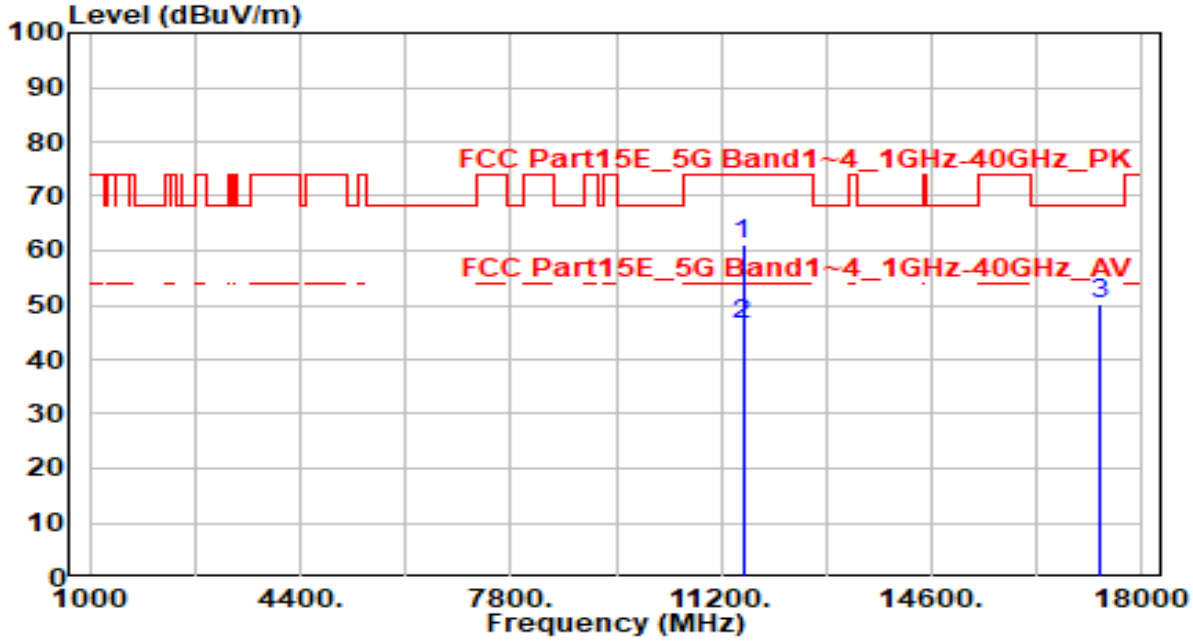


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	46.24	5.92	52.16	-21.84	74.00	200	240	Peak
2	*	17325.000	43.70	5.60	49.30	-18.90	68.20	200	180	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

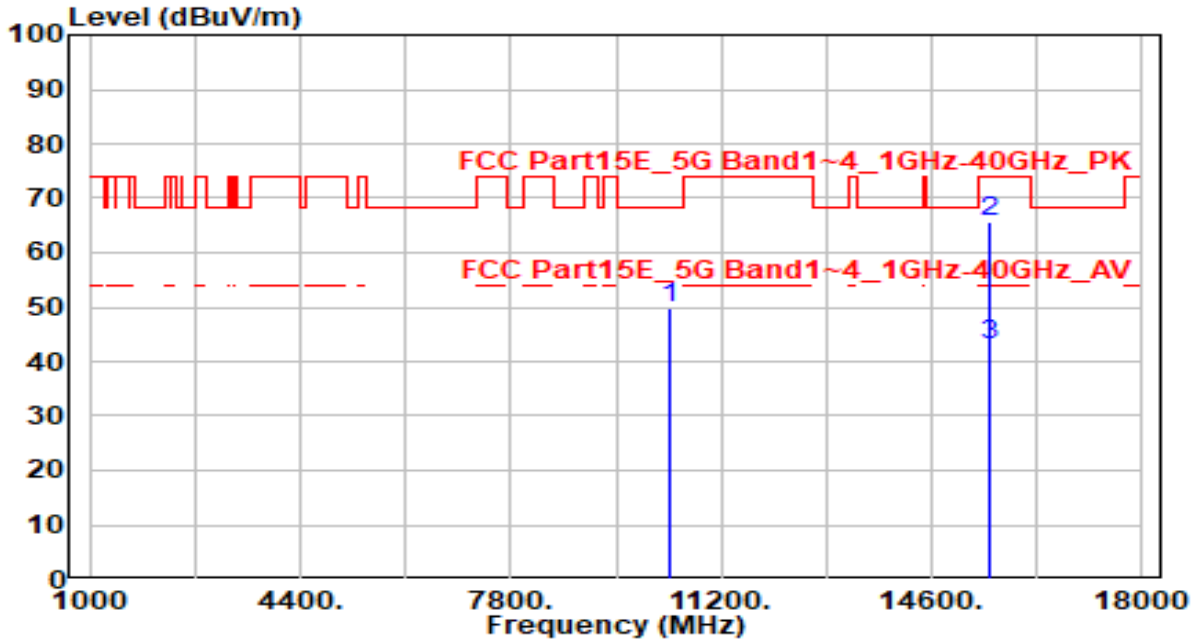


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11550.000	55.24	5.92	61.16	-12.84	74.00	100	150	Peak
2	*	11550.000	40.35	5.92	46.27	-7.73	54.00	100	150	Average
3		17325.000	44.65	5.60	50.25	-17.95	68.20	100	80	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

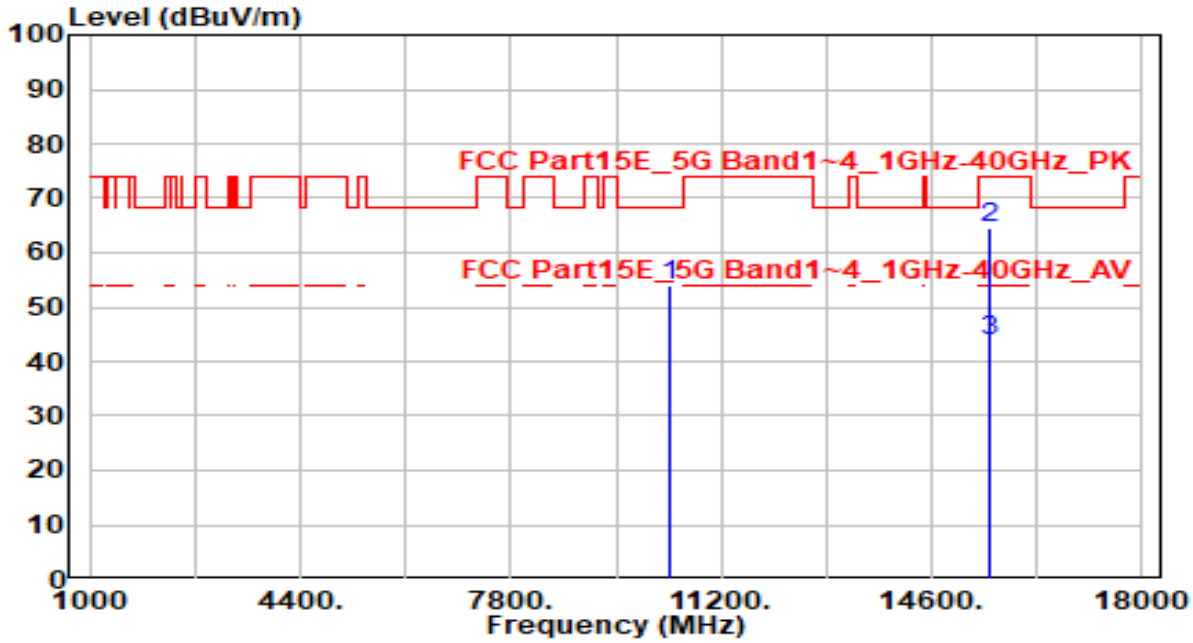


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	44.54	5.29	49.83	-18.37	68.20	200	225	Peak
2	*	15540.000	59.16	6.41	65.56	-8.44	74.00	200	20	Peak
3	*	15540.000	36.72	6.41	43.13	-10.87	54.00	200	20	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

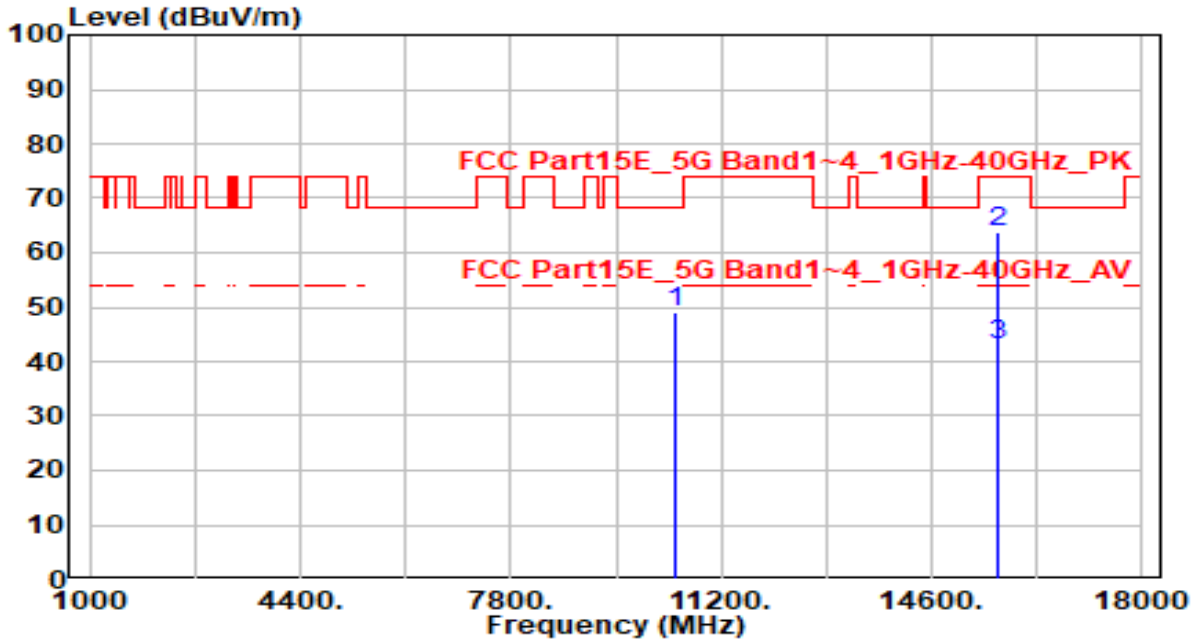


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10360.000	48.76	5.29	54.06	-14.14	68.20	100	160	Peak
2	*	15540.000	57.98	6.41	64.39	-9.61	74.00	100	130	Peak
3	*	15540.000	37.55	6.41	43.96	-10.04	54.00	100	130	Average

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. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

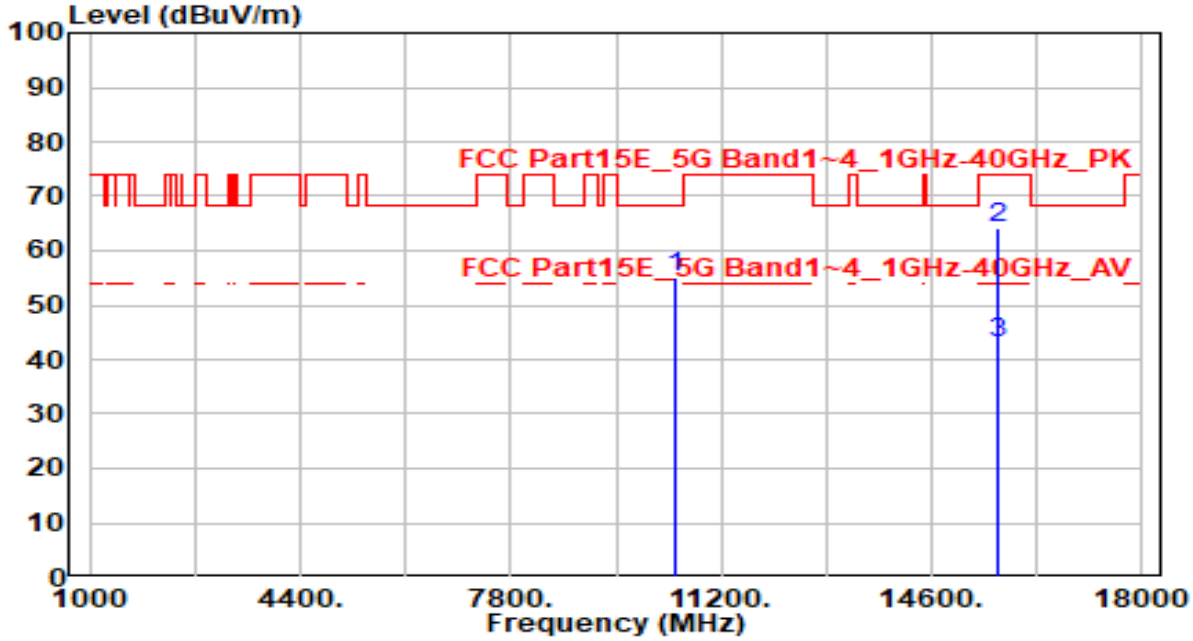


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	43.71	5.28	48.98	-19.22	68.20	200	140	Peak
2	*	15660.000	57.32	6.56	63.88	-10.12	74.00	200	10	Peak
3	*	15660.000	36.52	6.56	43.08	-10.92	54.00	200	10	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

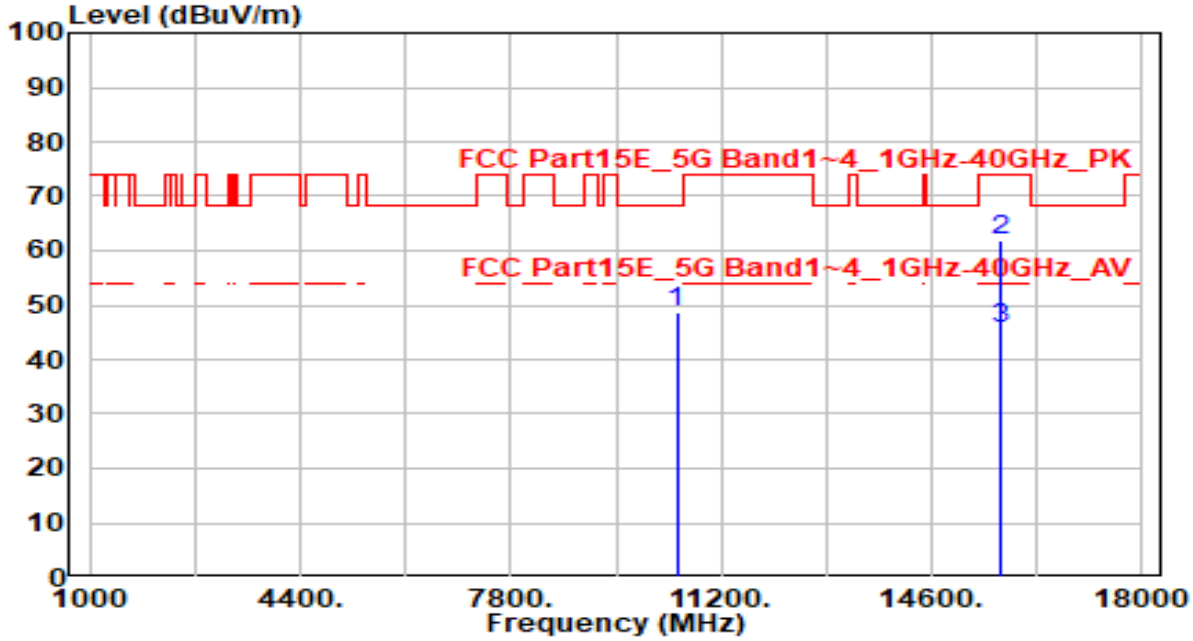


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	49.90	5.28	55.17	-13.03	68.20	100	160	Peak
2	*	15660.000	57.54	6.56	64.10	-9.90	74.00	100	120	Peak
3	*	15660.000	36.31	6.56	42.87	-11.13	54.00	100	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. No1 is not in restricted band, the limit is 68.2dBuV/m.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

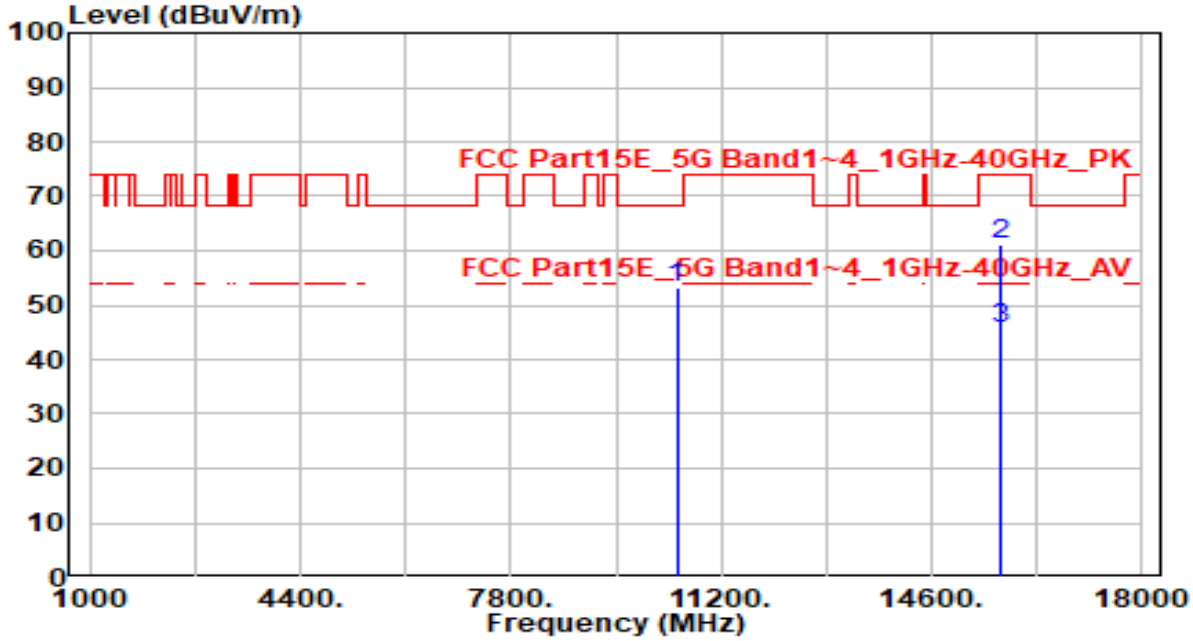


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	43.40	5.26	48.66	-19.54	68.20	200	60	Peak
2	*	15720.000	55.22	6.69	61.91	-12.09	74.00	200	355	Peak
3	*	15720.000	38.94	6.69	45.63	-8.37	54.00	200	355	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

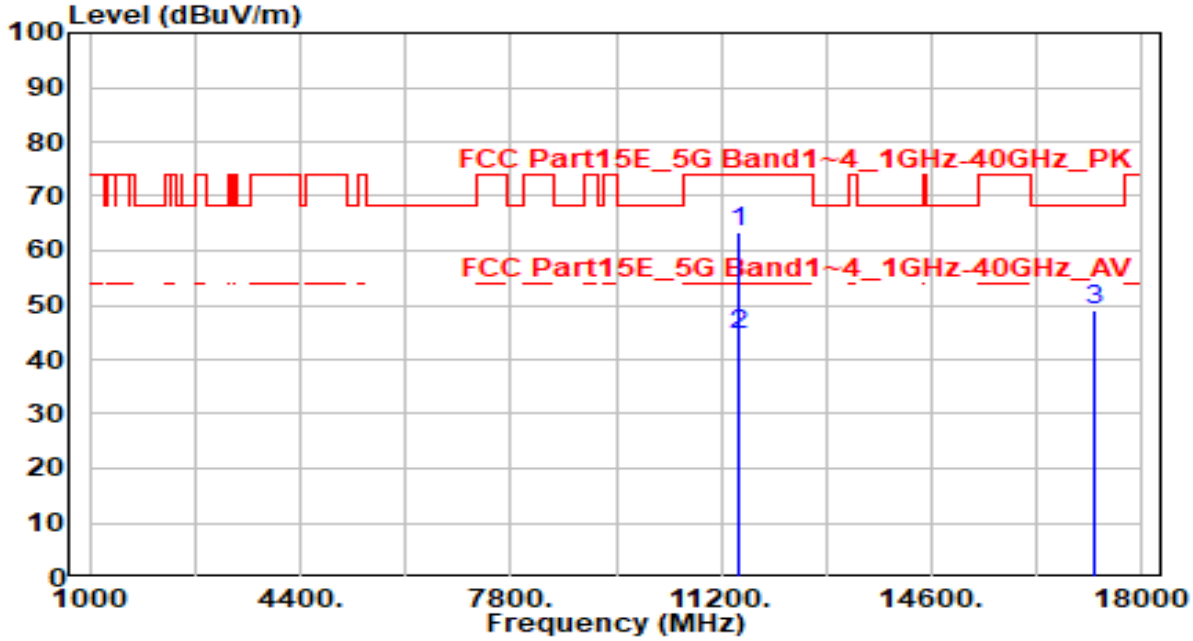


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	47.84	5.26	53.10	-15.10	68.20	100	170	Peak
2	*	15720.000	54.61	6.69	61.30	-12.70	74.00	100	125	Peak
3	*	15720.000	38.82	6.69	45.51	-8.49	54.00	100	125	Average

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

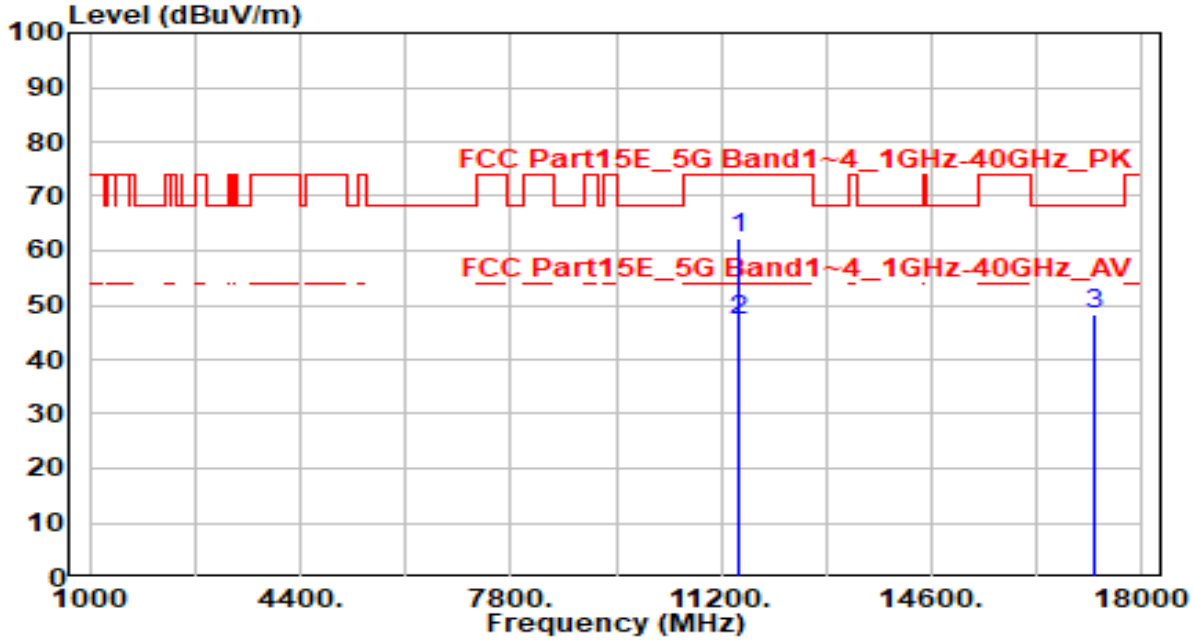


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	57.31	5.94	63.25	-10.75	74.00	200	215	Peak
2	*	11490.000	38.54	5.94	44.48	-9.52	54.00	200	215	Average
3		17235.000	43.28	5.78	49.07	-19.13	68.20	200	320	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

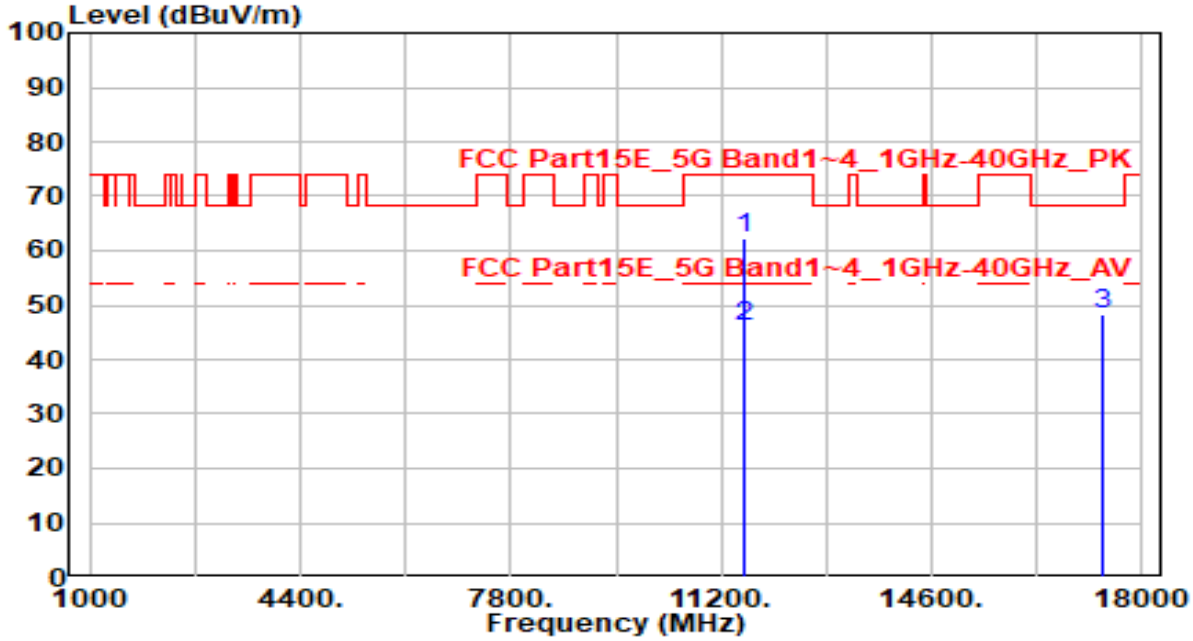


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	56.37	5.94	62.31	-11.69	74.00	100	140	Peak
2	*	11490.000	41.15	5.94	47.09	-6.91	54.00	100	140	Average
3		17235.000	42.40	5.78	48.19	-20.01	68.20	100	15	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

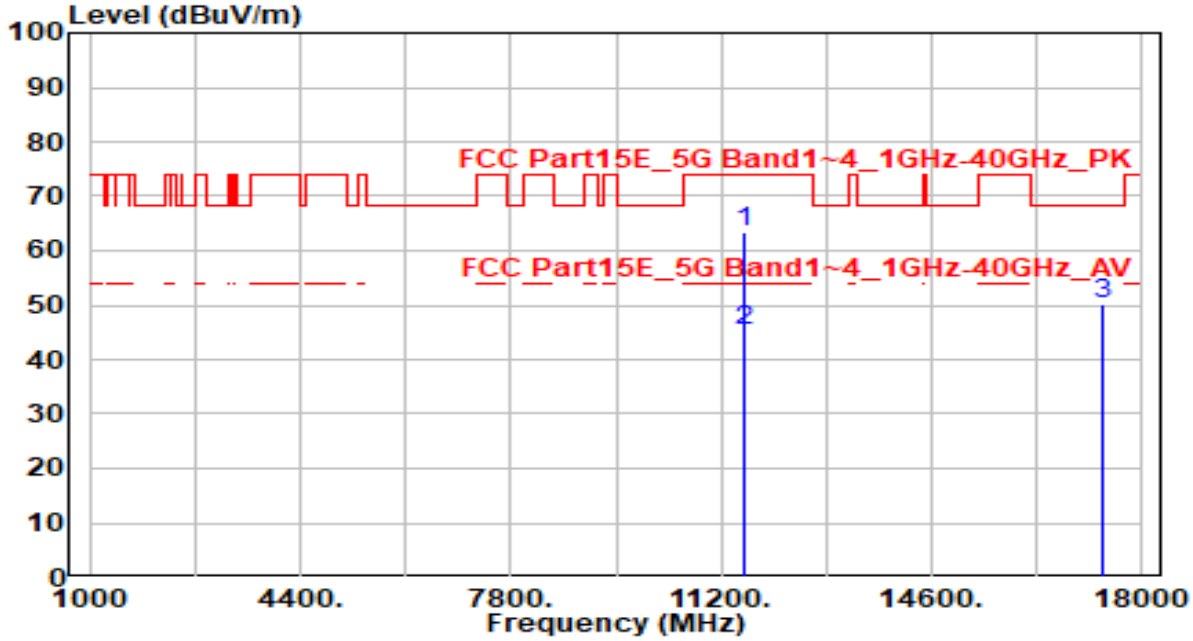


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	56.32	5.91	62.23	-11.77	74.00	200	220	Peak
2	*	11570.000	40.19	5.91	46.10	-7.90	54.00	200	220	Average
3		17355.000	42.94	5.54	48.48	-19.72	68.20	200	75	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

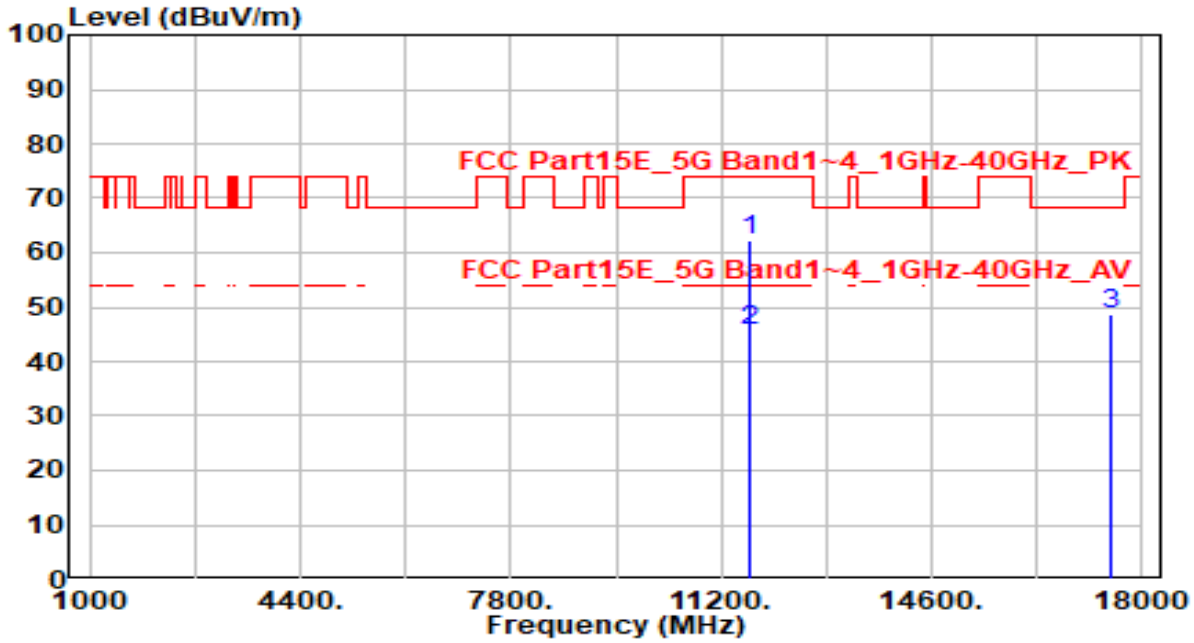


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	57.64	5.91	63.55	-10.45	74.00	100	155	Peak
2	*	11570.000	39.25	5.91	45.16	-8.84	54.00	100	155	Average
3		17355.000	44.48	5.54	50.02	-18.18	68.20	100	85	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

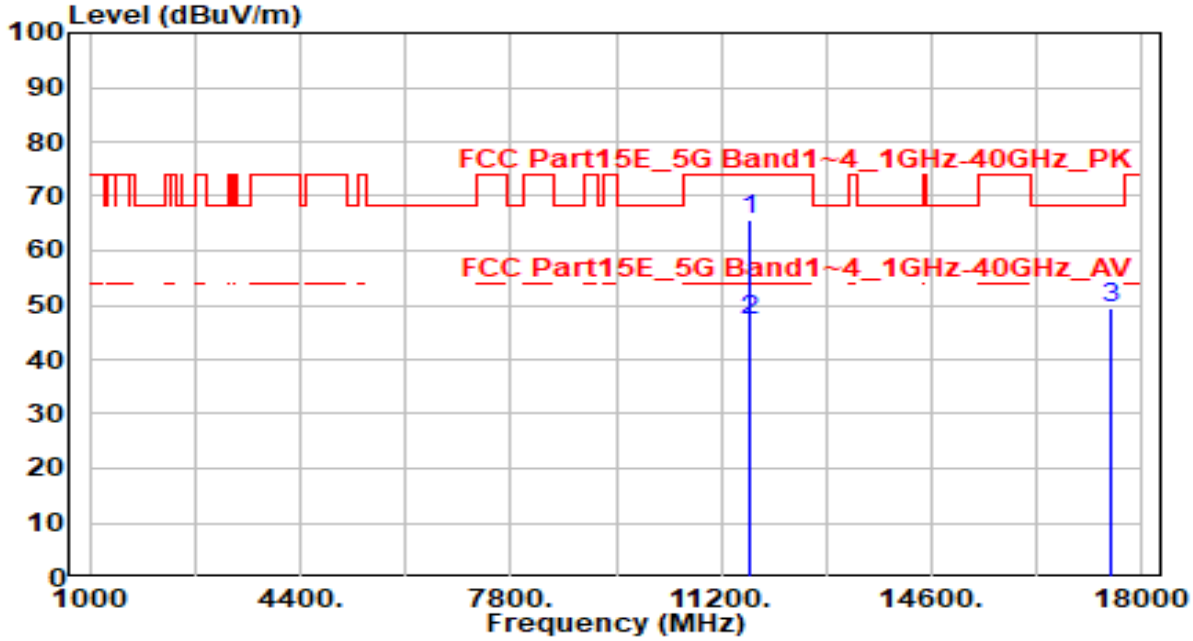


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	56.54	5.86	62.40	-11.61	74.00	210	185	Peak
2	*	11650.000	39.84	5.86	45.70	-8.31	54.00	210	185	Average
3		17475.000	43.37	5.44	48.80	-19.40	68.20	200	10	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

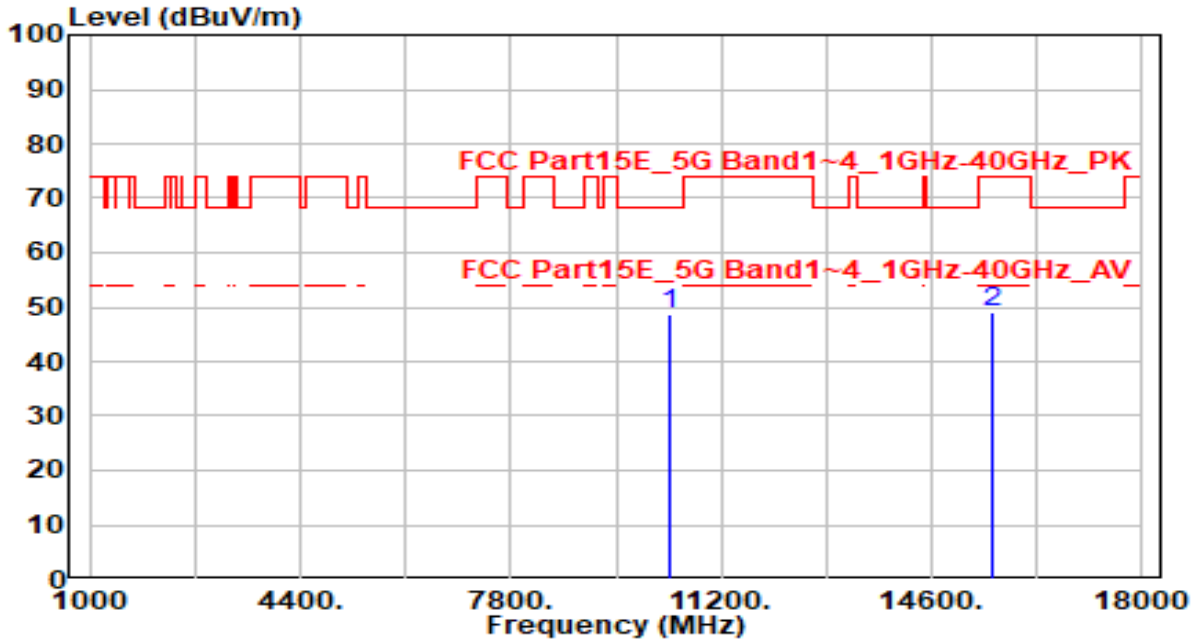


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	59.68	5.86	65.54	-8.46	74.00	100	70	Peak
2	*	11650.000	41.26	5.86	47.12	-6.88	54.00	100	70	Average
3		17475.000	43.93	5.44	49.36	-18.84	68.20	100	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

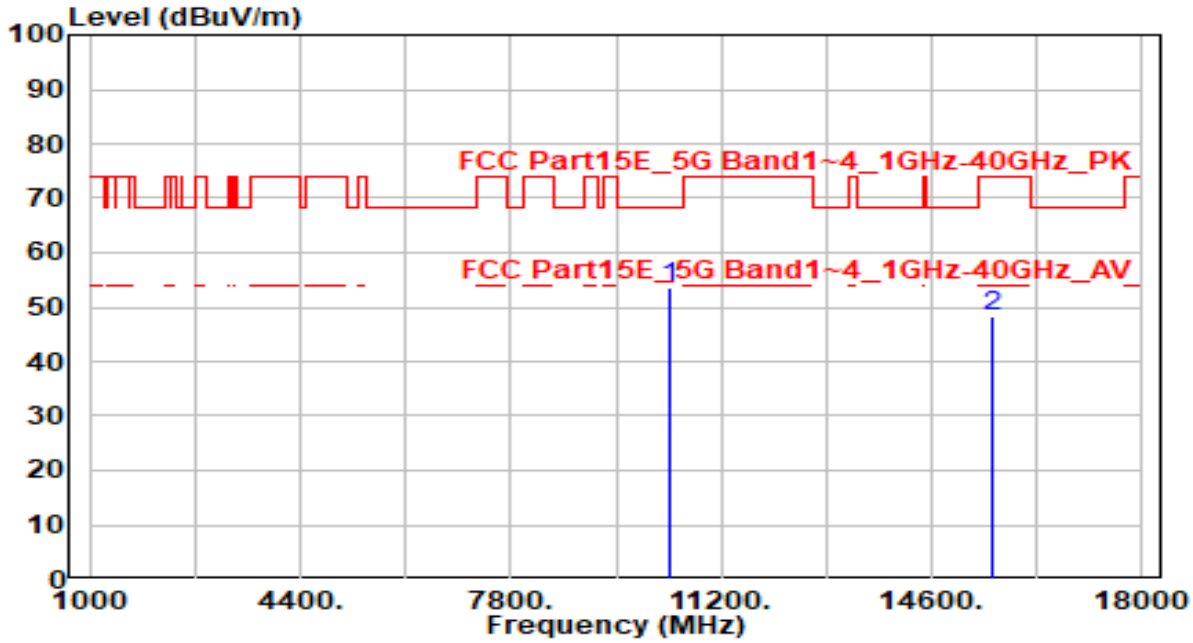


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	43.46	5.30	48.75	-19.45	68.20	200	220	Peak
2		15570.000	42.79	6.41	49.20	-24.80	74.00	200	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

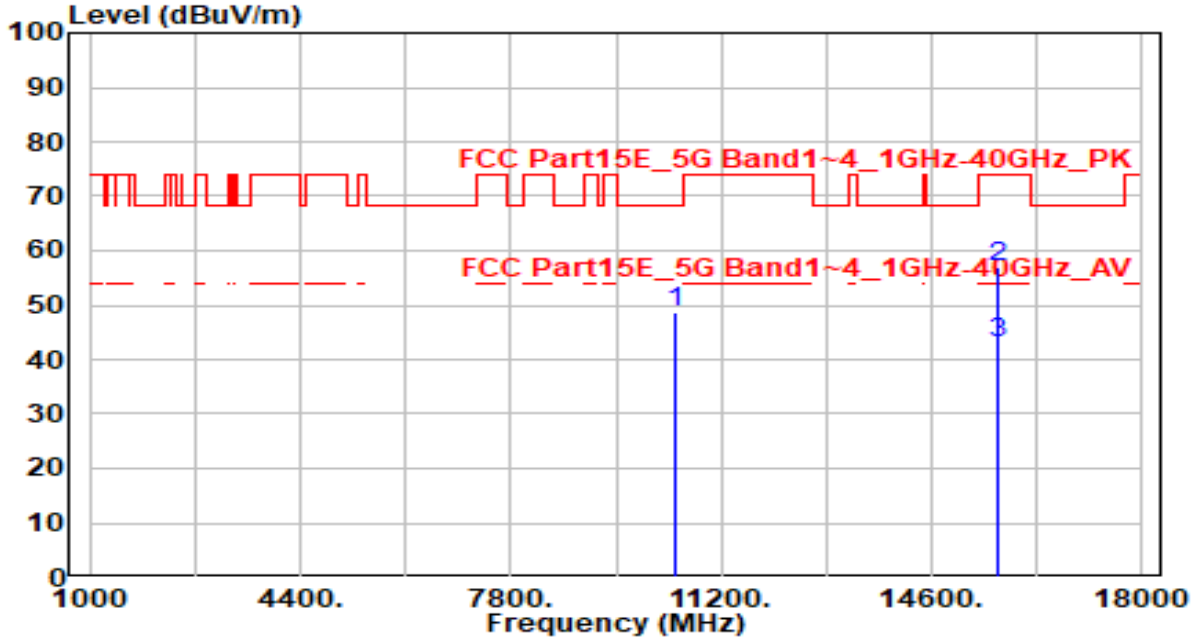


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	48.31	5.30	53.61	-14.59	68.20	100	150	Peak
2		15570.000	41.99	6.41	48.40	-25.60	74.00	100	65	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

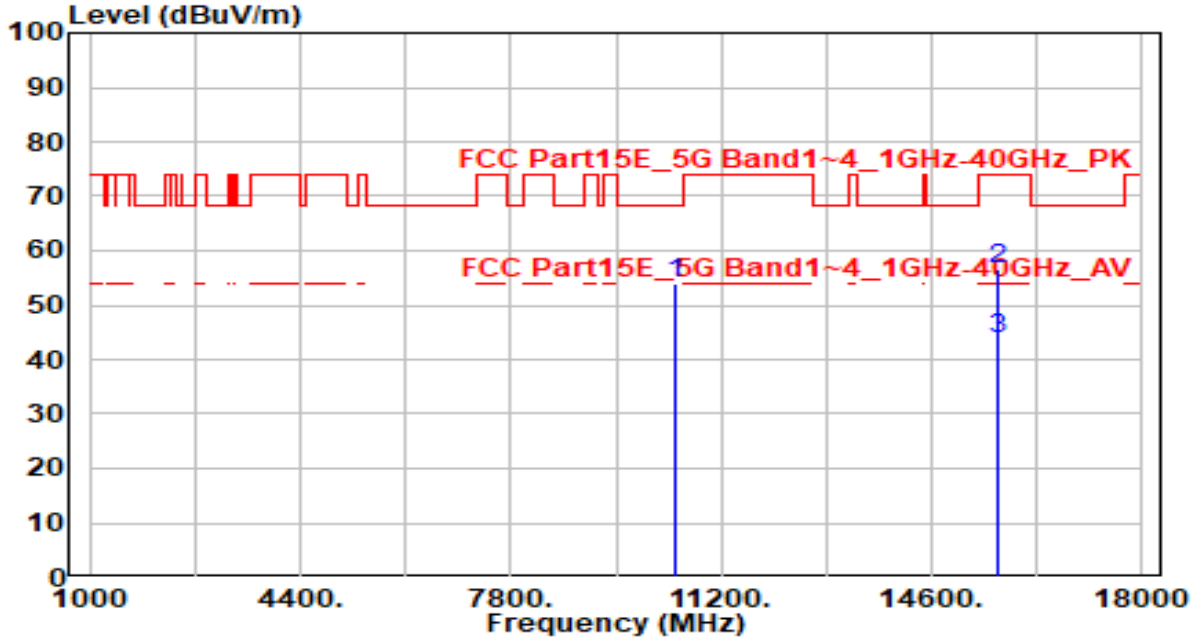


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	43.55	5.27	48.81	-19.39	68.20	200	170	Peak
2	*	15690.000	50.51	6.63	57.14	-16.86	74.00	200	360	Peak
3	*	15690.000	36.53	6.63	43.16	-10.84	54.00	200	360	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

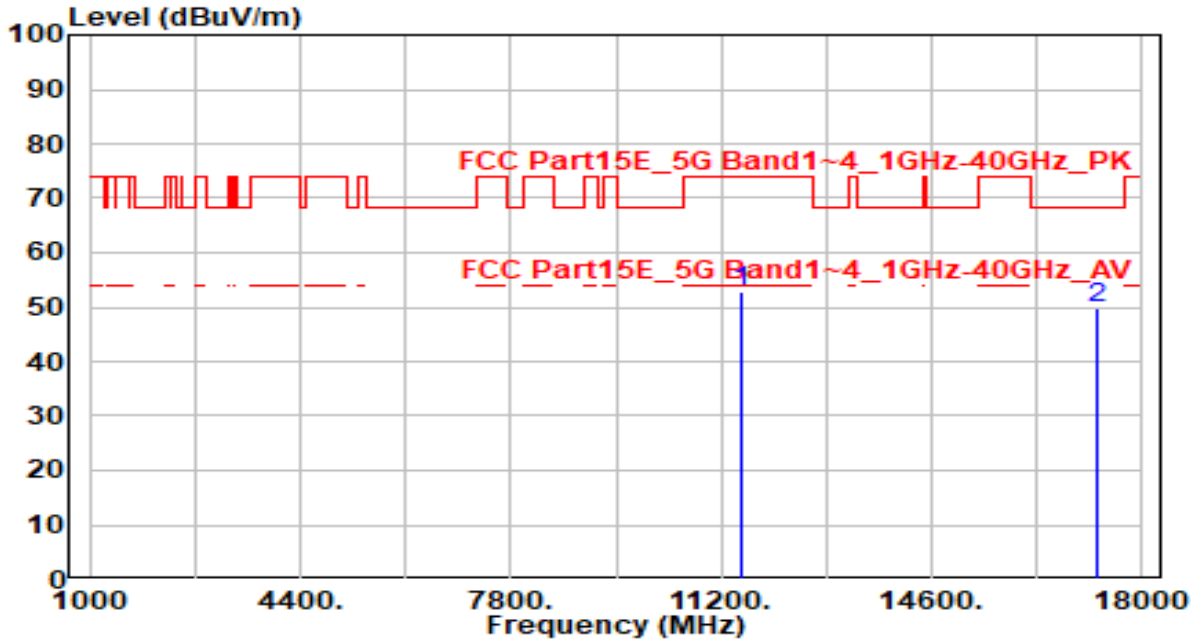


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10460.000	48.71	5.27	53.98	-14.22	68.20	100	160	Peak
2	*	15690.000	50.17	6.63	56.79	-17.21	74.00	100	350	Peak
3	*	15690.000	37.23	6.63	43.86	-10.14	54.00	100	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

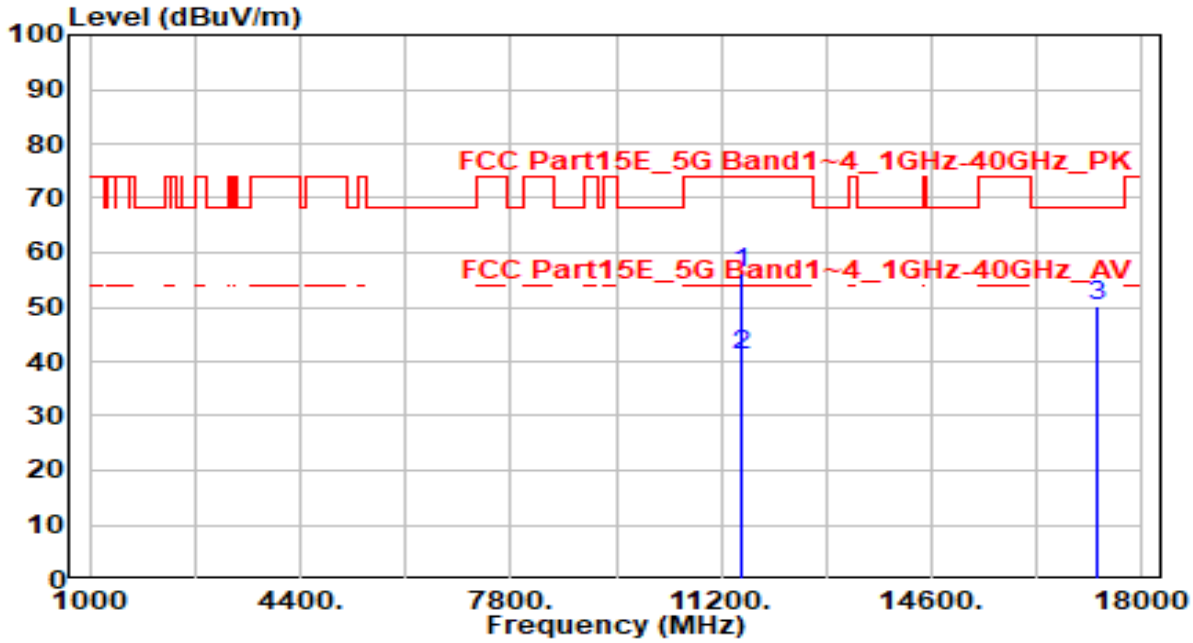


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	46.88	5.94	52.82	-21.18	74.00	200	10	Peak
2	*	17265.000	44.21	5.72	49.94	-18.26	68.20	200	315	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

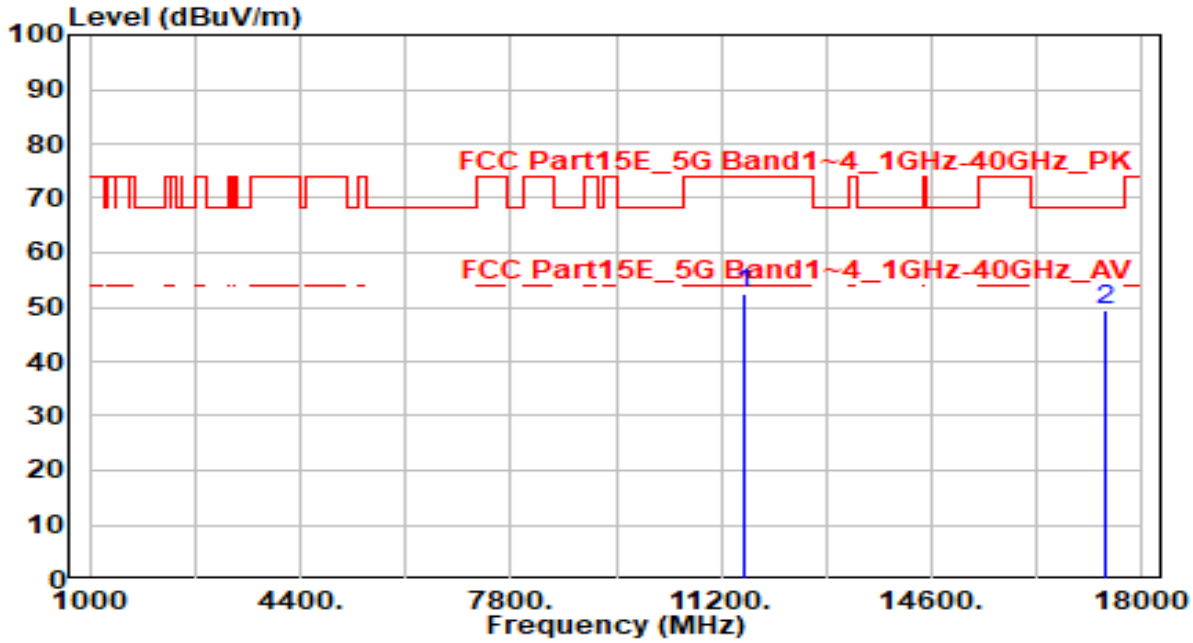


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	50.26	5.94	56.20	-17.80	74.00	100	70	Peak
2	*	11510.000	35.04	5.94	40.98	-13.02	54.00	100	70	Average
3		17265.000	44.60	5.72	50.32	-17.88	68.20	100	85	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

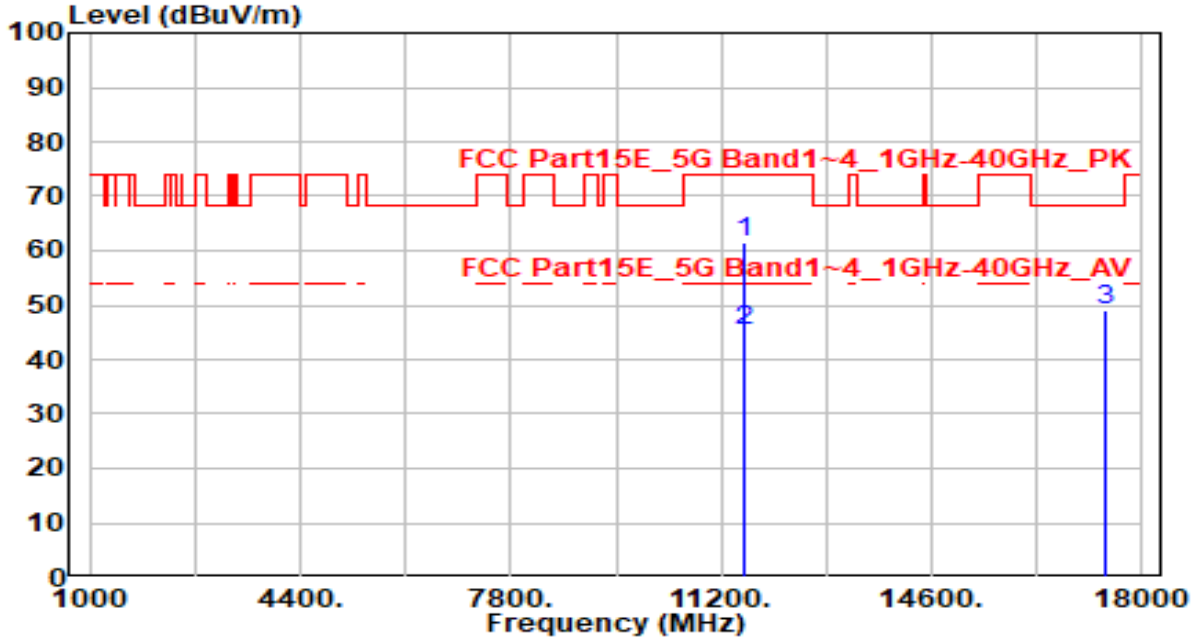


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	46.54	5.90	52.44	-21.56	74.00	200	220	Peak
2	*	17385.000	43.79	5.47	49.26	-18.94	68.20	200	250	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

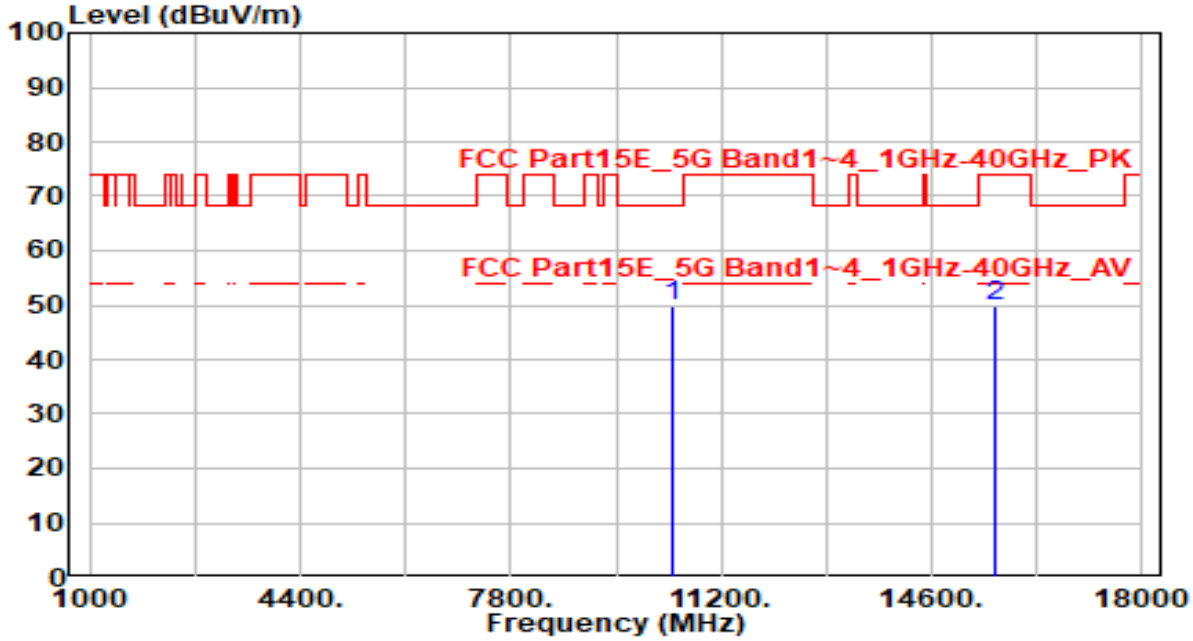


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11590.000	55.58	5.90	61.48	-12.52	74.00	120	70	Peak
2	*	11590.000	39.21	5.90	45.11	-8.89	54.00	120	70	Average
3		17385.000	43.76	5.47	49.24	-18.96	68.20	100	85	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

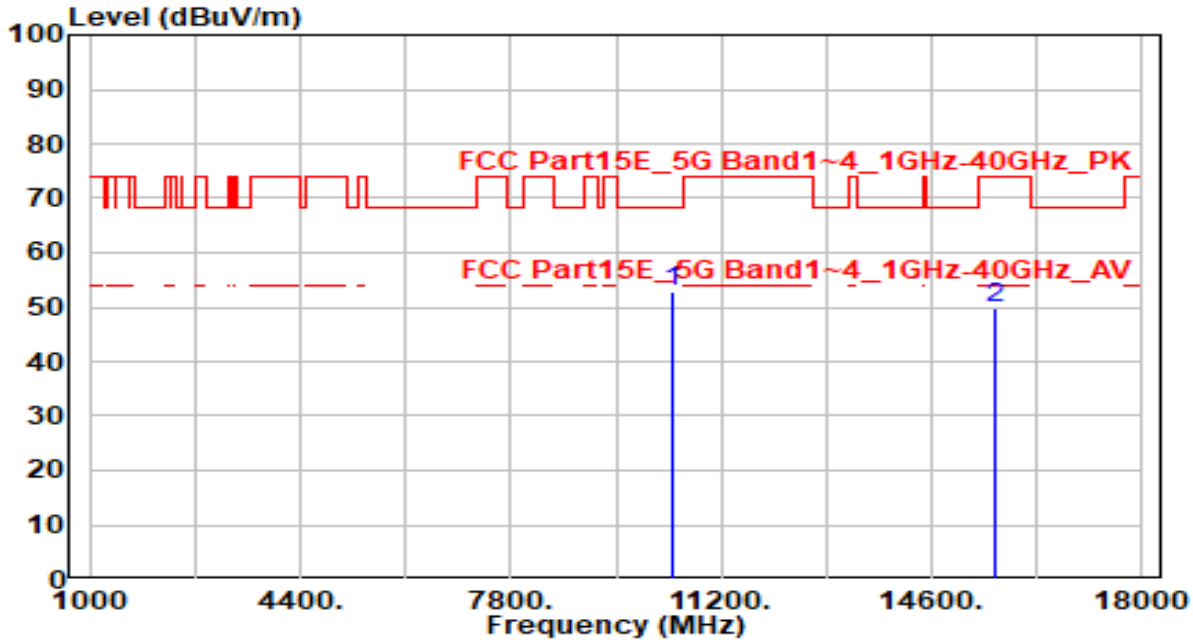


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	44.40	5.29	49.68	-18.52	68.20	200	230	Peak
2		15630.000	43.16	6.49	49.65	-24.35	74.00	200	80	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

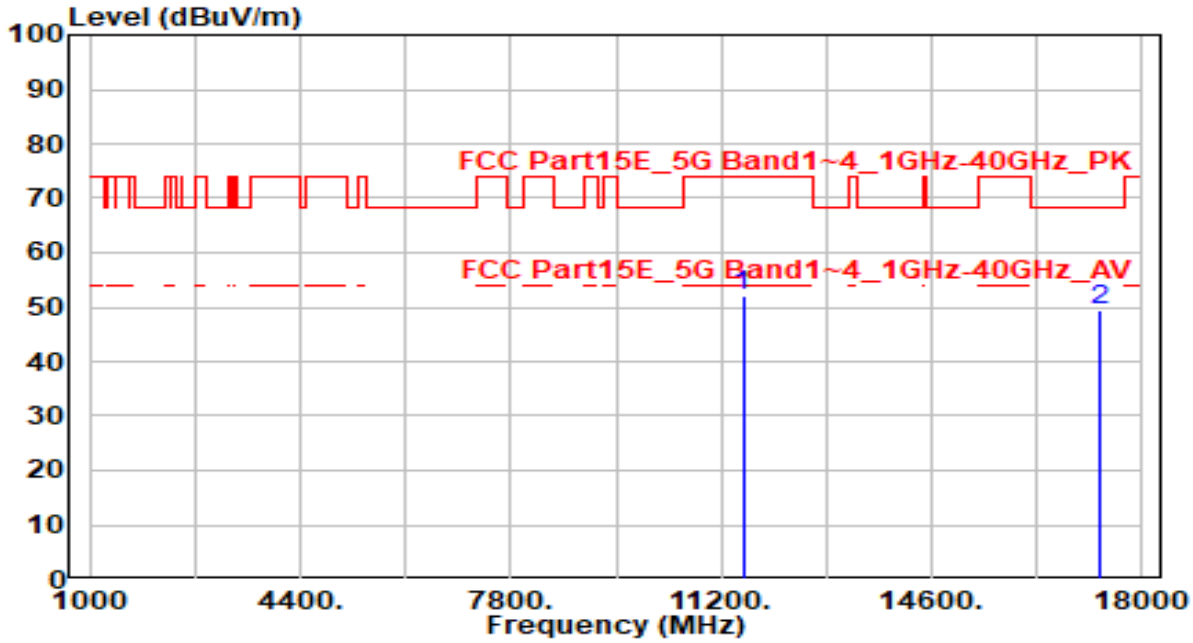


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	47.46	5.29	52.75	-15.45	68.20	100	155	Peak
2		15630.000	43.20	6.49	49.69	-24.31	74.00	100	0	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

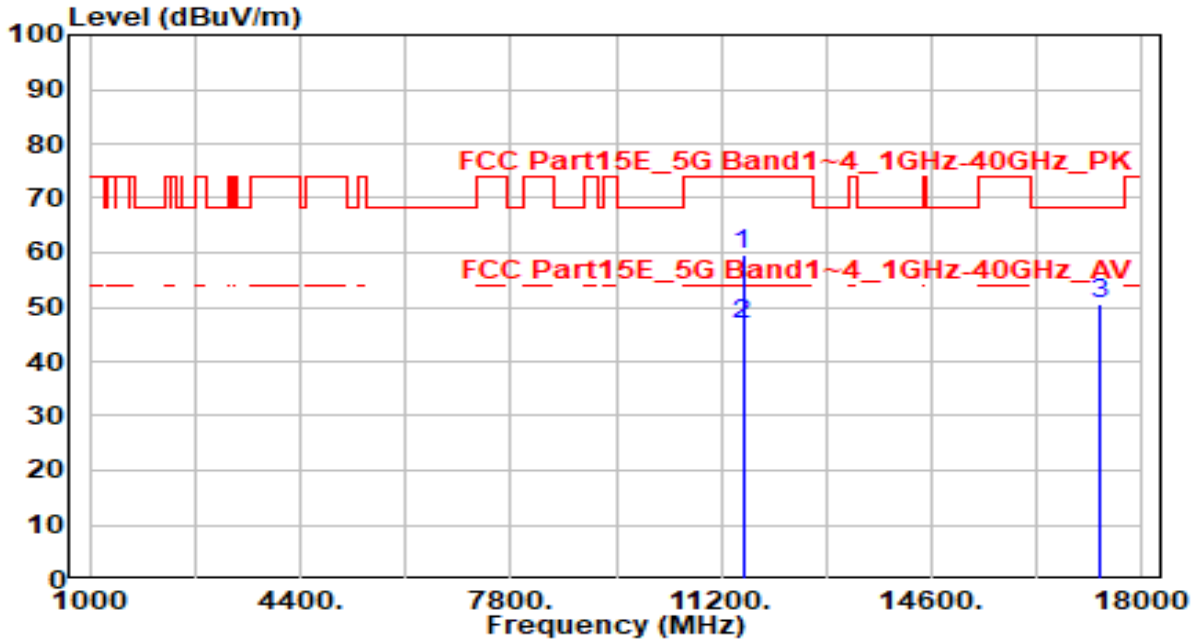


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	46.05	5.92	51.97	-22.03	74.00	200	360	Peak
2	*	17325.000	43.81	5.60	49.41	-18.79	68.20	200	360	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

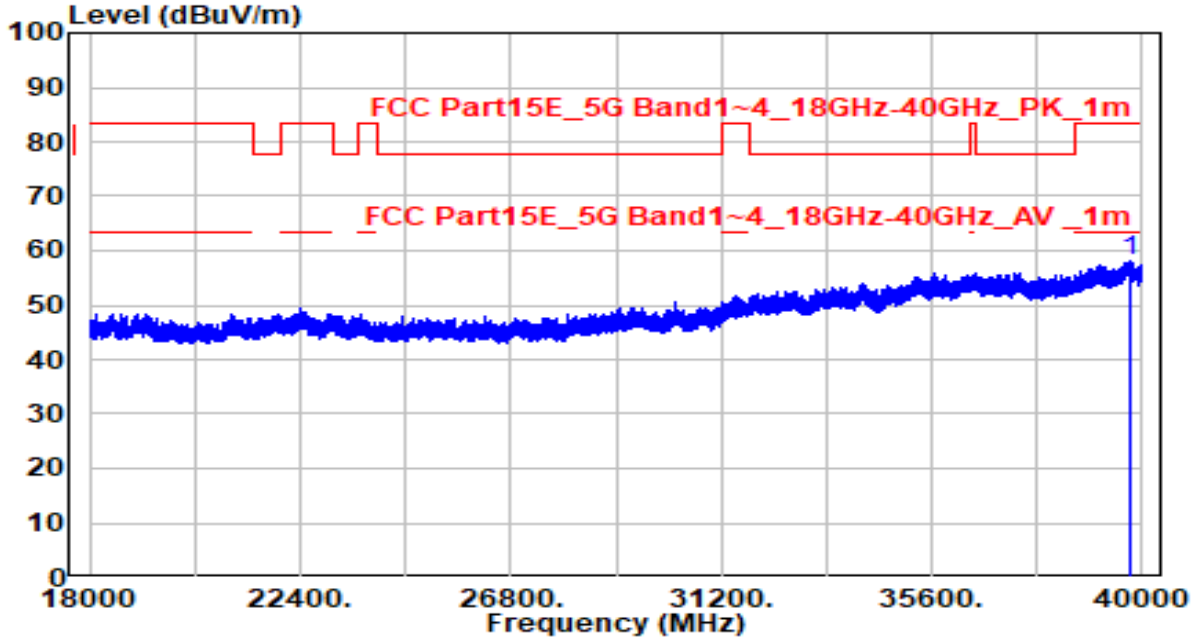


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11550.000	53.86	5.92	59.78	-14.22	74.00	100	150	Peak
2	*	11550.000	40.69	5.92	46.61	-7.39	54.00	100	150	Average
3		17325.000	44.80	5.60	50.40	-17.80	68.20	100	80	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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-20
Factor	BBHA 9170	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ ANT 0+1	Test Voltage	AC 120V/60Hz

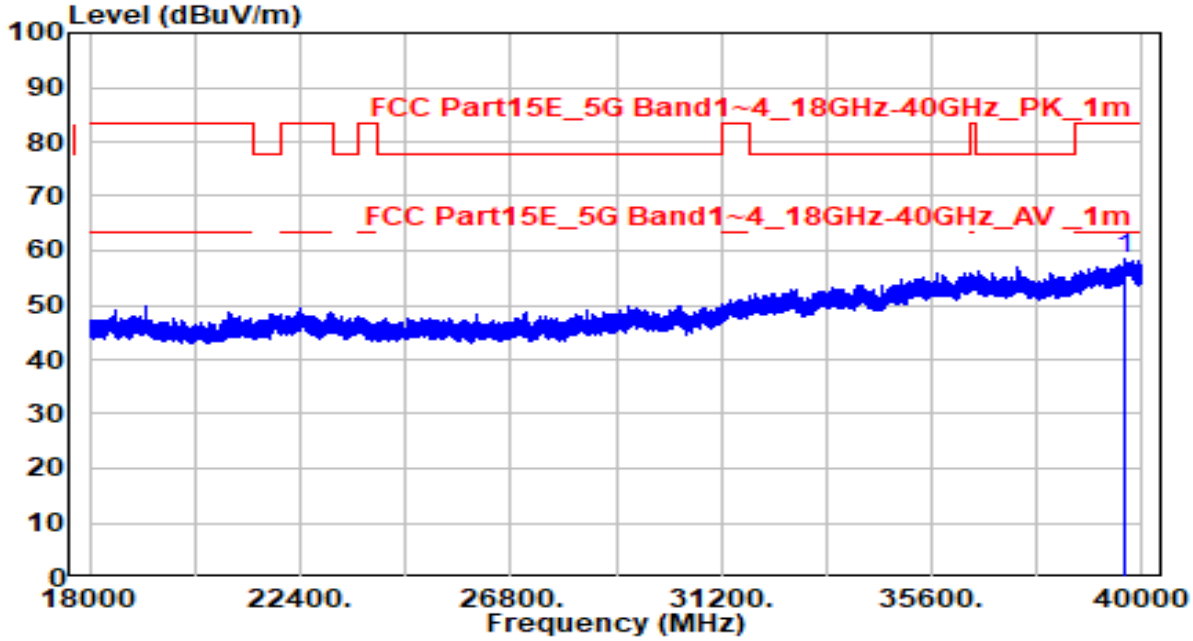


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	39774.500	33.99	24.06	58.05	-25.45	83.50	100	360	Peak

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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-20
Factor	BBHA 9170	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-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	*	39640.440	34.72	23.90	58.63	-24.87	83.50	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.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not 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 increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly 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 edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

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

7.9.2.Test Procedure Used

KDB 789033 D02v02r01- Section II) G

7.9.3.Test Setting

Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

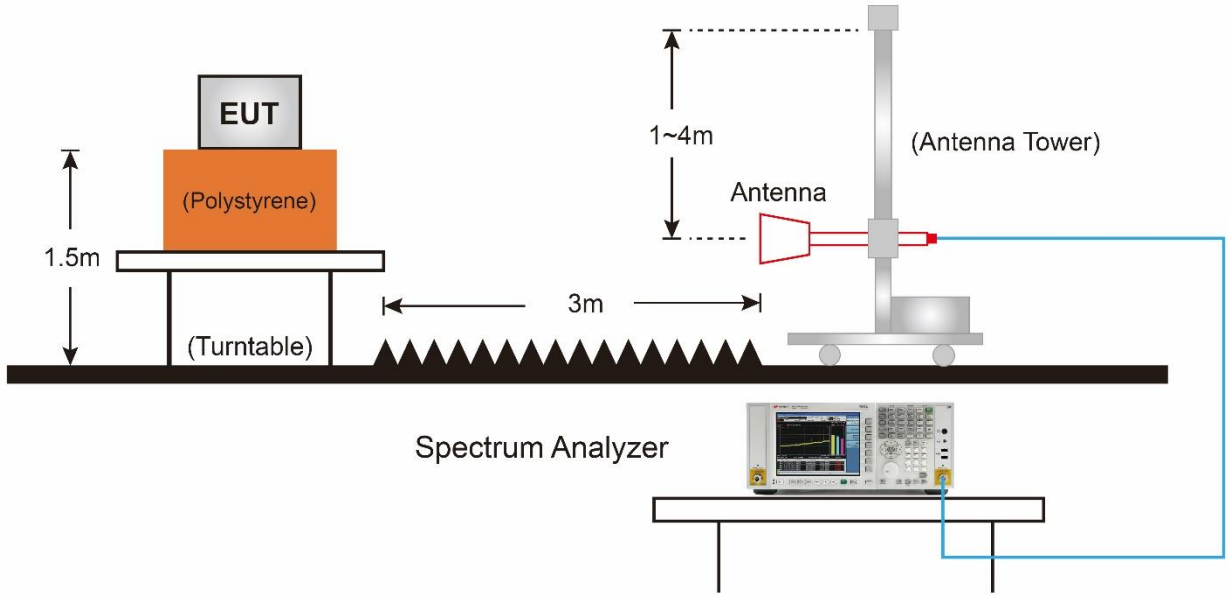
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

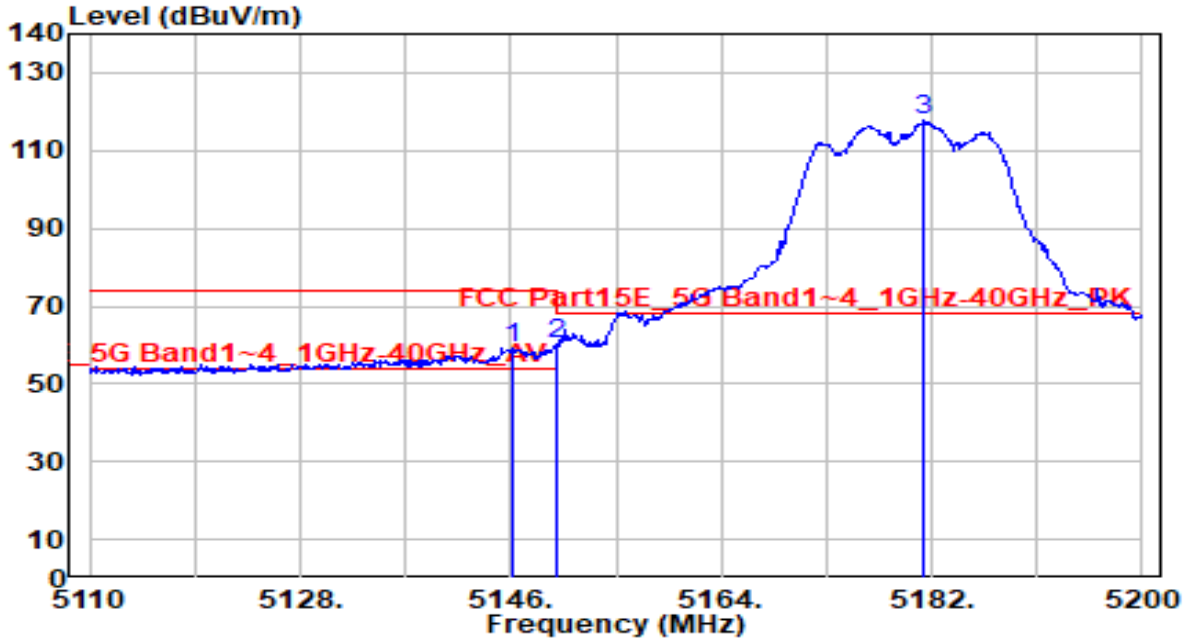
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.9.4.Test Setup



7.9.5.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

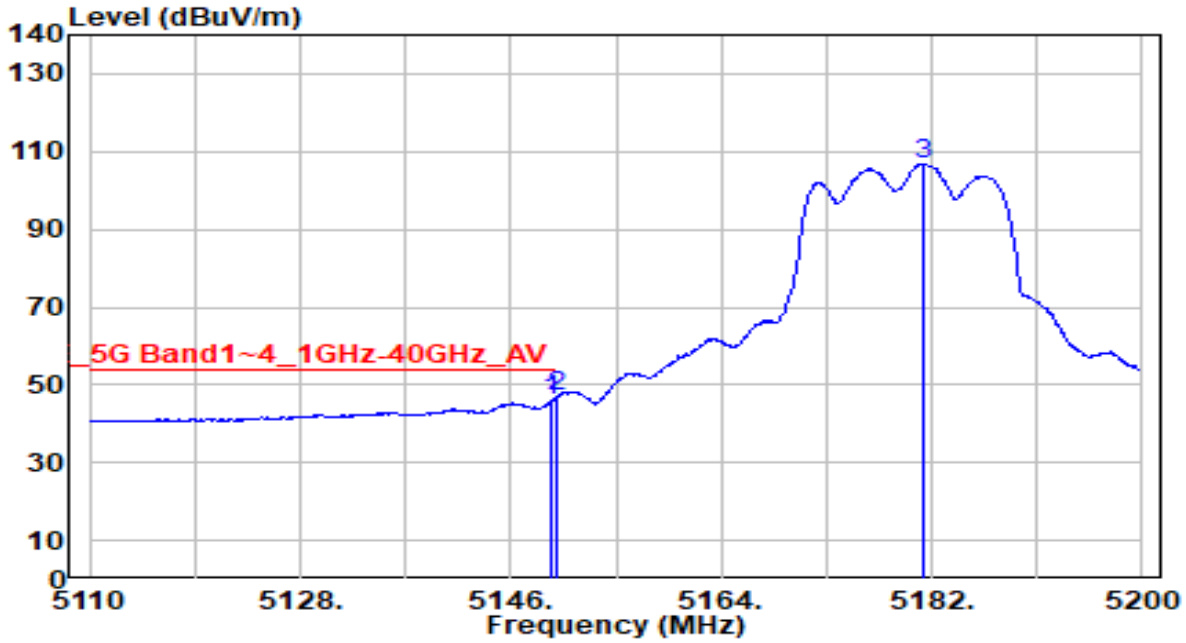


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5146.270	58.57	0.79	59.36	-14.64	74.00	255	130	Peak
2	*	5150.000	59.45	0.80	60.24	-13.76	74.00	255	130	Peak
3		5181.280	116.79	0.83	117.63	N/A	N/A	255	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

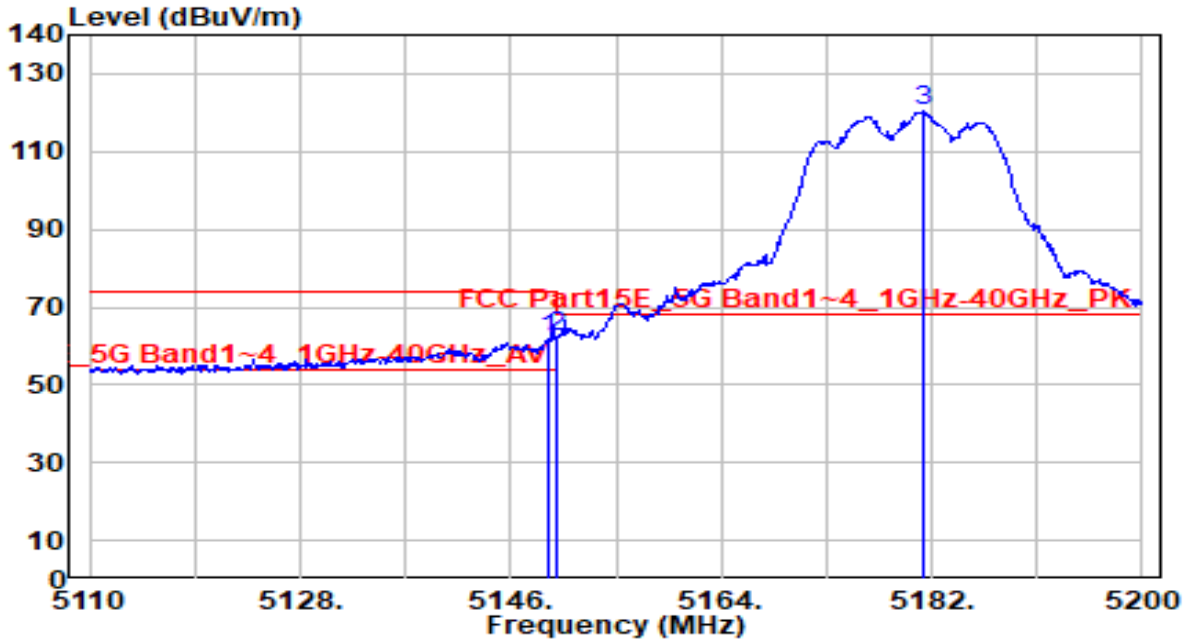


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.420	44.92	0.80	45.71	-8.29	54.00	255	130	Average
2	*	5150.000	45.96	0.80	46.76	-7.24	54.00	255	130	Average
3		5181.370	106.03	0.83	106.87	N/A	N/A	255	130	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

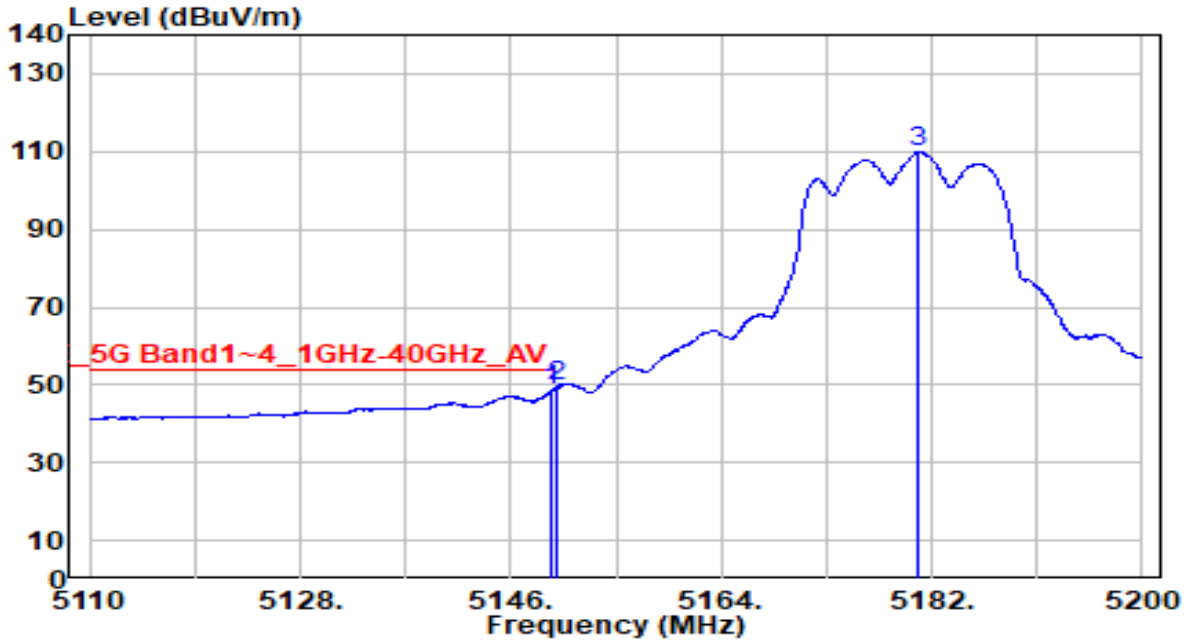


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.240	60.92	0.80	61.71	-12.29	74.00	270	125	Peak
2	*	5150.000	61.61	0.80	62.41	-11.59	74.00	270	125	Peak
3		5181.190	119.39	0.83	120.22	N/A	N/A	270	125	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

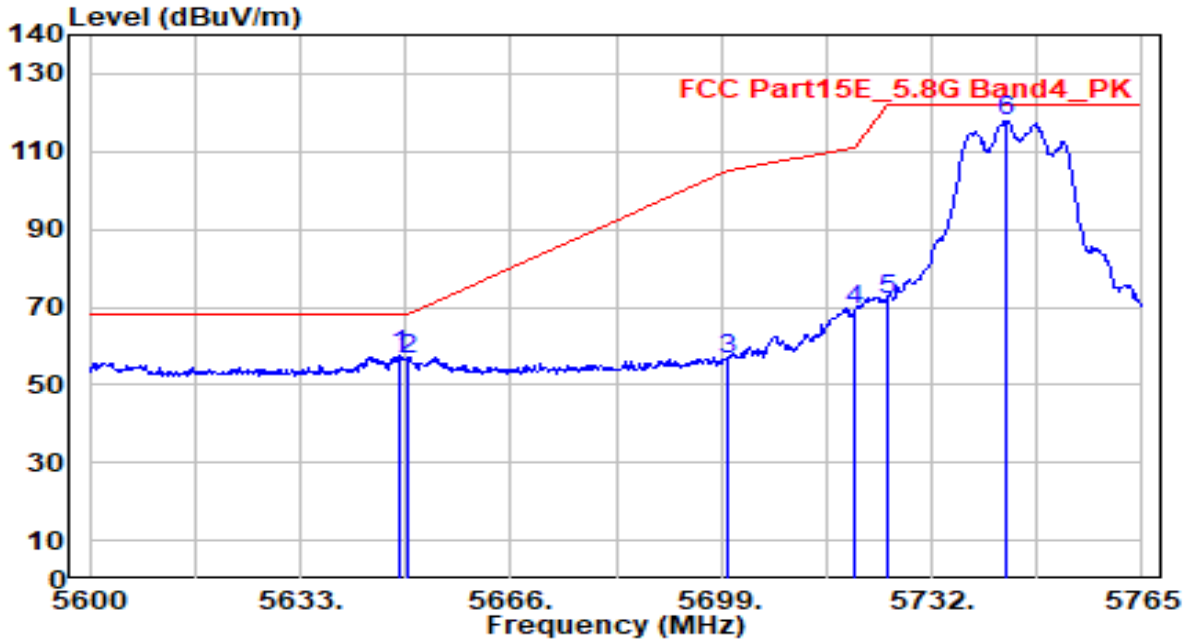


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.420	47.67	0.80	48.47	-5.53	54.00	270	125	Average
2	*	5150.000	48.76	0.80	49.56	-4.44	54.00	270	125	Average
3		5180.920	109.20	0.83	110.03	N/A	N/A	270	125	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

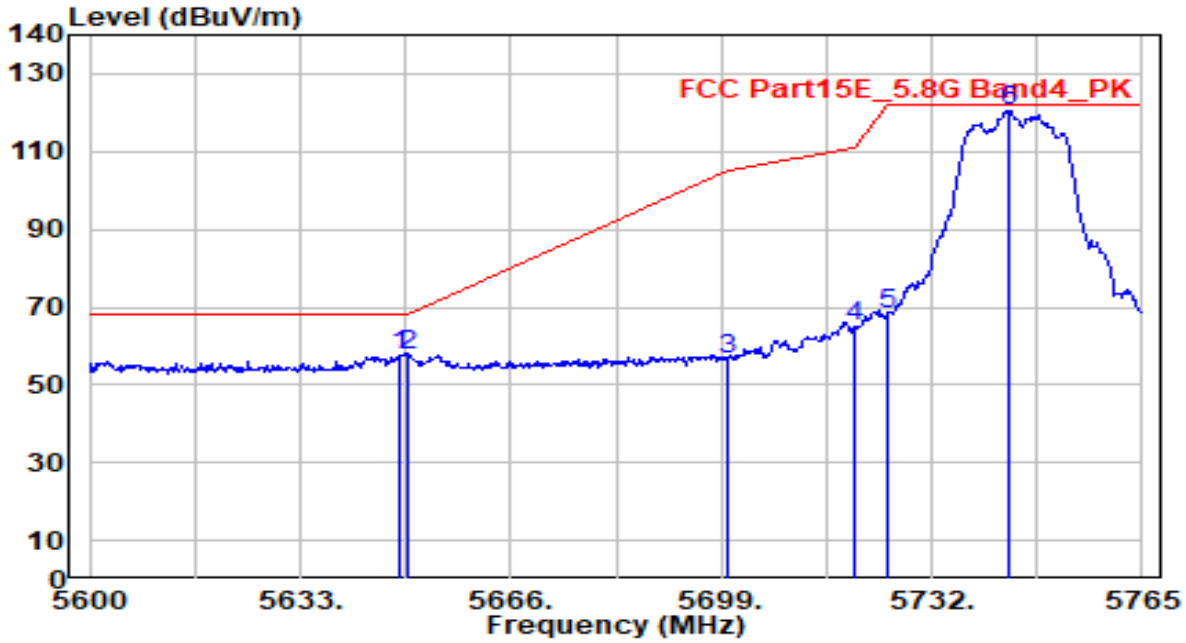


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.510	55.82	1.58	57.40	-10.80	68.20	260	140	Peak
2		5650.000	55.13	1.59	56.72	-11.48	68.20	260	140	Peak
3		5700.000	54.94	1.79	56.73	-48.47	105.20	260	140	Peak
4		5720.000	67.41	1.87	69.28	-41.52	110.80	260	140	Peak
5		5725.000	70.15	1.89	72.04	-50.16	122.20	260	140	Peak
6		5743.550	115.83	1.96	117.80	N/A	N/A	260	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

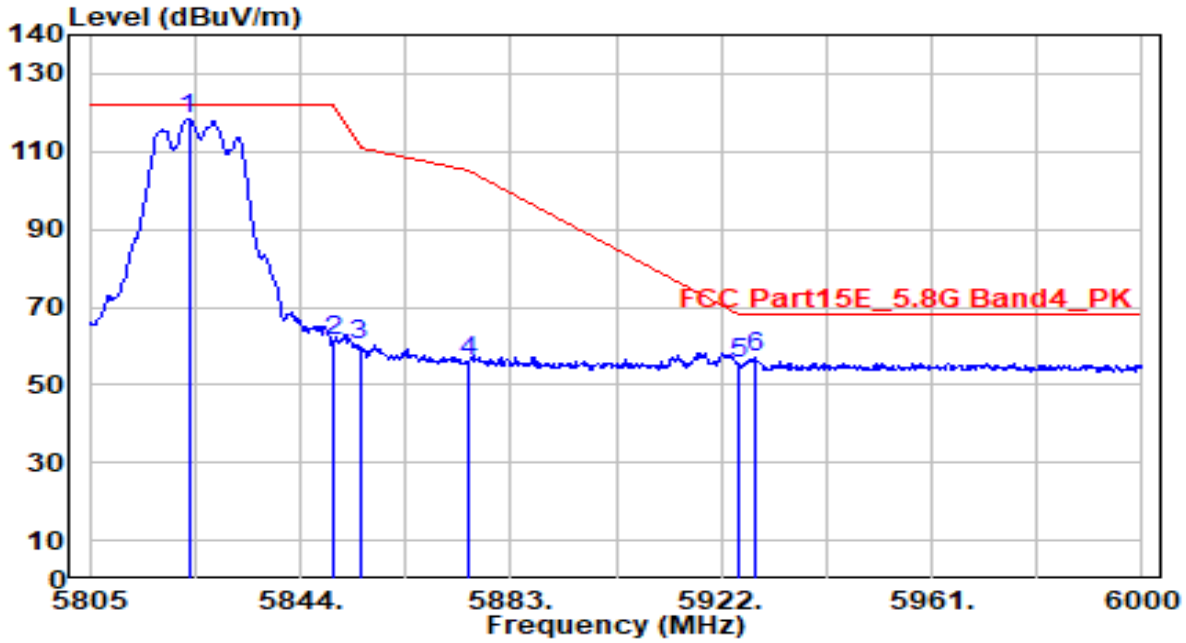


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.510	56.10	1.58	57.68	-10.52	68.20	250	250	Peak
2		5650.000	55.97	1.59	57.56	-10.64	68.20	250	250	Peak
3		5700.000	54.67	1.79	56.46	-48.74	105.20	250	250	Peak
4		5720.000	63.15	1.87	65.01	-45.79	110.80	250	250	Peak
5		5725.000	66.03	1.89	67.92	-54.28	122.20	250	250	Peak
6		5744.210	118.33	1.97	120.29	N/A	N/A	250	250	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

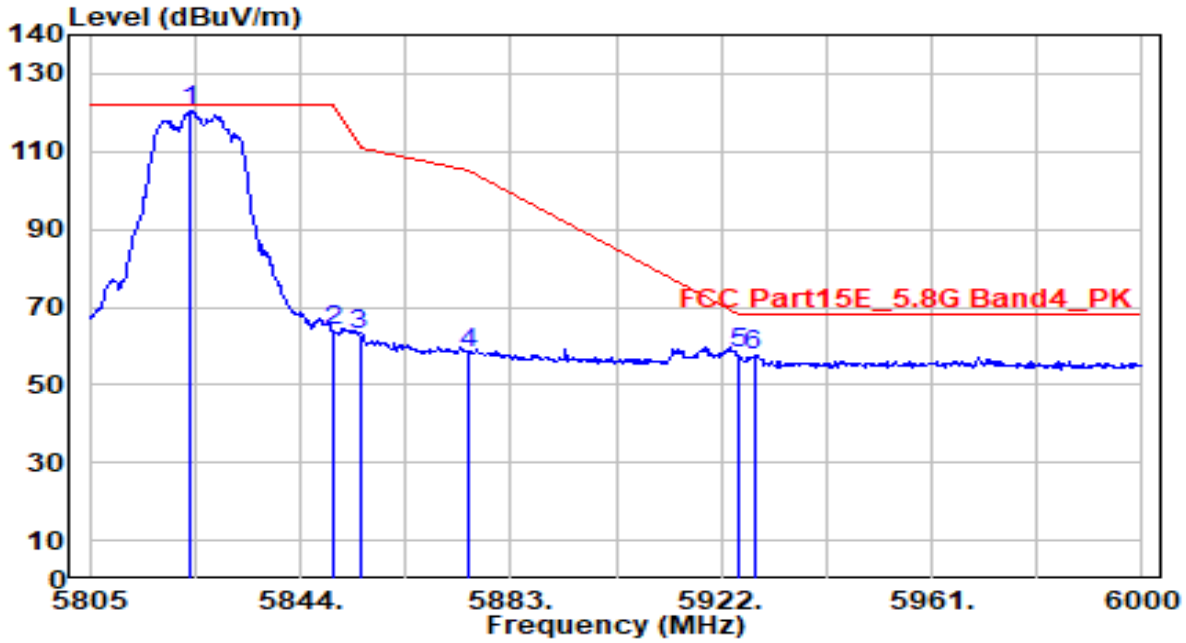


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.330	116.28	2.23	118.51	N/A	N/A	250	145	Peak
2		5850.000	58.96	2.27	61.23	-60.97	122.20	250	145	Peak
3		5855.000	57.81	2.28	60.08	-50.72	110.80	250	145	Peak
4		5875.000	53.93	2.31	56.24	-48.96	105.20	250	145	Peak
5		5925.000	53.30	2.38	55.69	-12.51	68.20	250	145	Peak
6	*	5928.240	54.48	2.39	56.87	-11.33	68.20	250	145	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

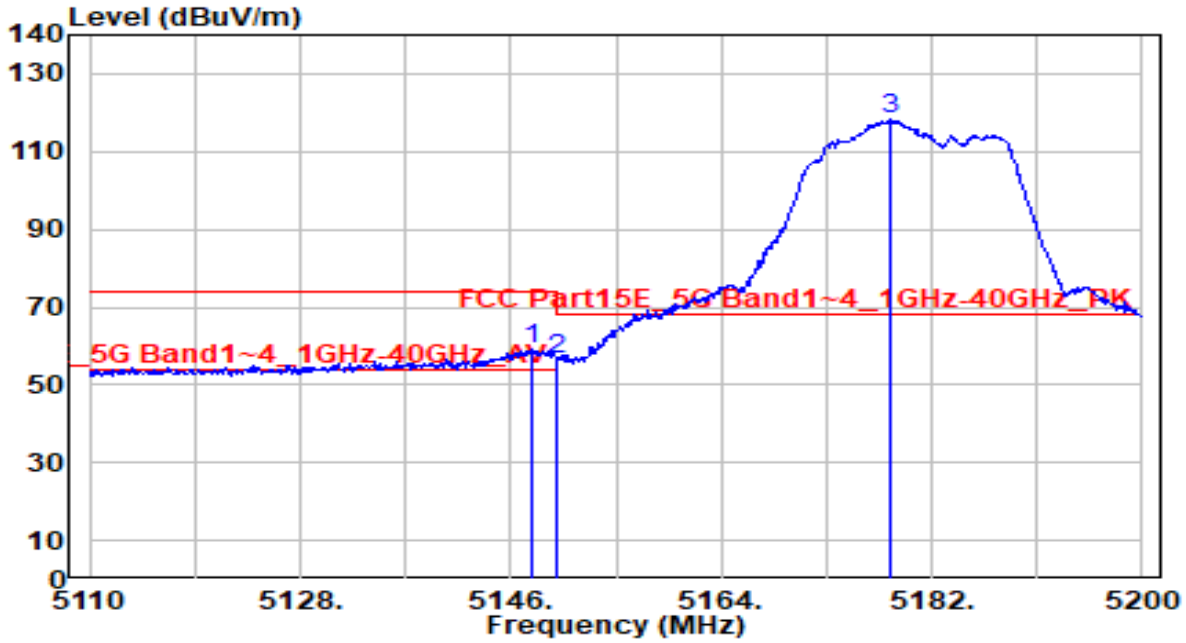


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.720	118.28	2.23	120.50	N/A	N/A	240	250	Peak
2		5850.000	61.66	2.27	63.92	-58.28	122.20	240	250	Peak
3		5855.000	60.50	2.28	62.78	-48.02	110.80	240	250	Peak
4		5875.000	55.68	2.31	57.98	-47.22	105.20	240	250	Peak
5	*	5925.000	55.88	2.38	58.27	-9.93	68.20	240	250	Peak
6		5928.045	55.44	2.39	57.83	-10.37	68.20	240	250	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

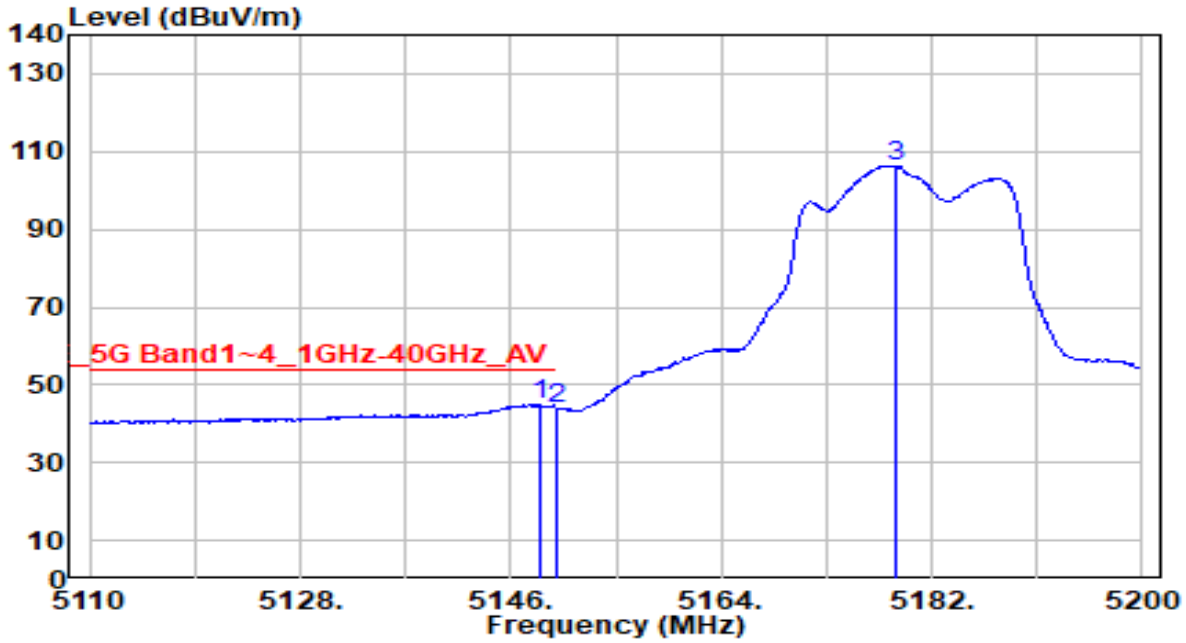


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.710	58.31	0.79	59.11	-14.89	74.00	255	120	Peak
2		5150.000	55.74	0.80	56.54	-17.46	74.00	255	120	Peak
3		5178.490	117.36	0.83	118.19	N/A	N/A	255	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

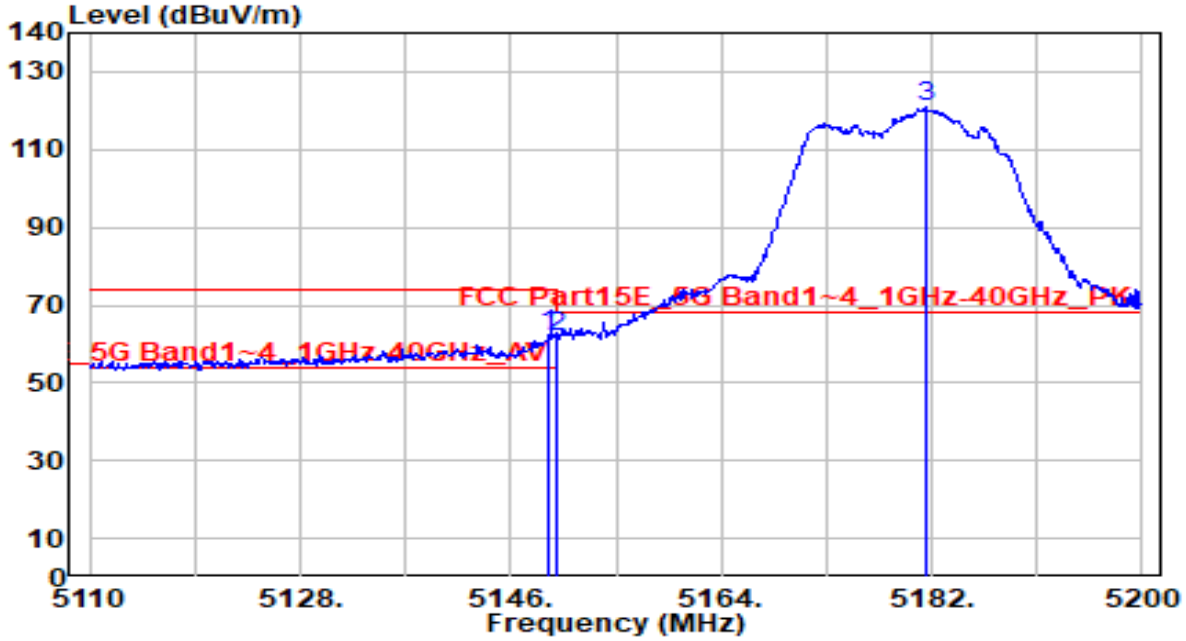


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.430	44.08	0.79	44.87	-9.13	54.00	255	120	Average
2		5150.000	43.28	0.80	44.07	-9.93	54.00	255	120	Average
3		5178.940	105.58	0.83	106.41	N/A	N/A	255	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

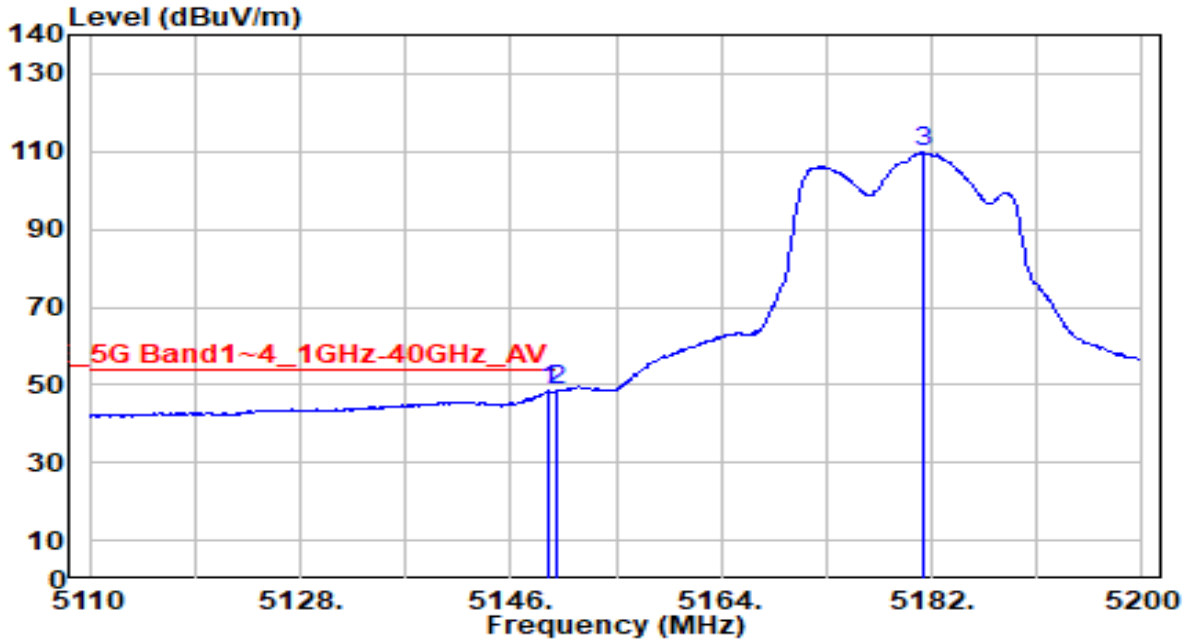


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.330	61.44	0.80	62.24	-11.76	74.00	270	125	Peak
2		5150.000	60.90	0.80	61.70	-12.30	74.00	270	125	Peak
3		5181.460	120.11	0.84	120.94	N/A	N/A	270	125	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

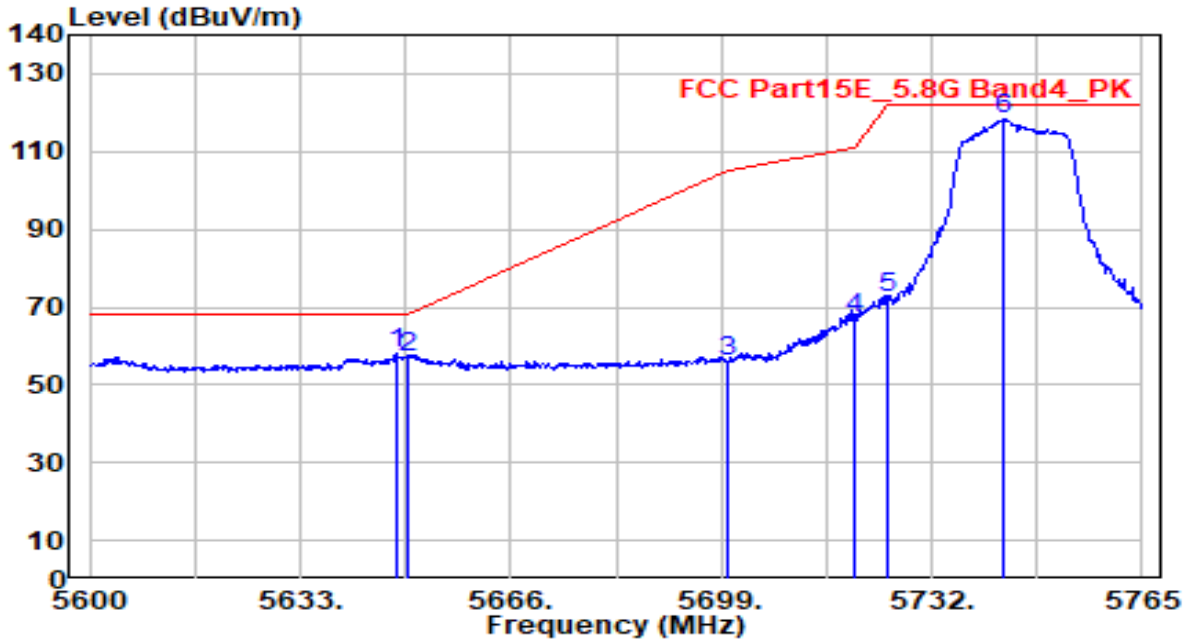


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.330	47.58	0.80	48.38	-5.62	54.00	270	125	Average
2	*	5150.000	47.59	0.80	48.38	-5.62	54.00	270	125	Average
3		5181.190	108.85	0.83	109.68	N/A	N/A	270	125	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

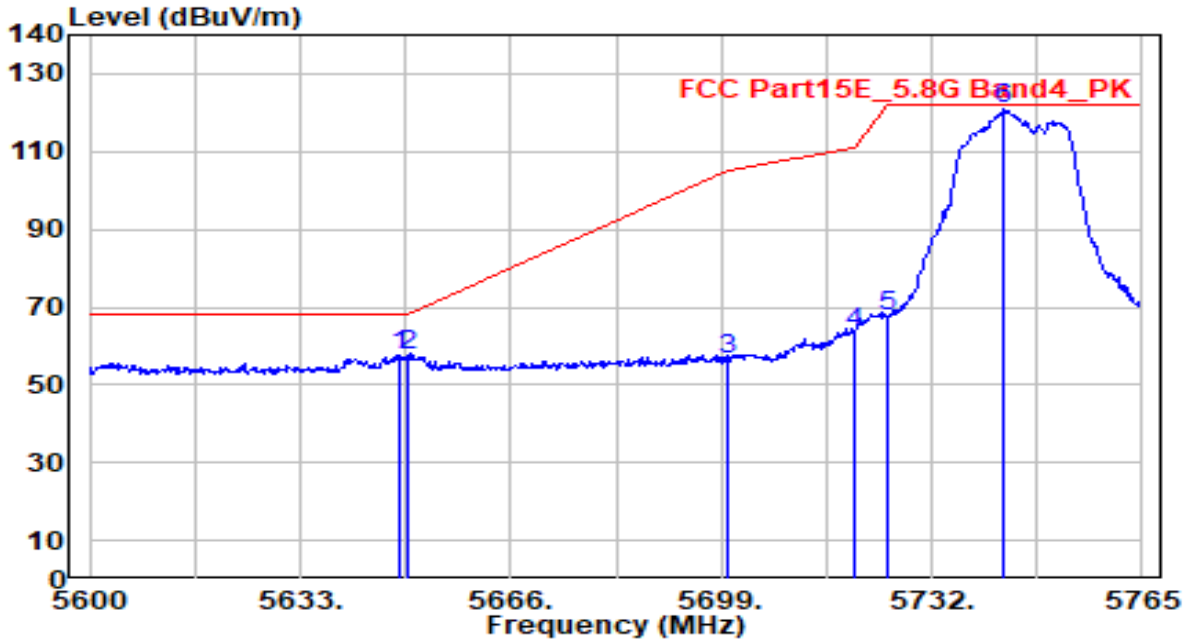


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.015	56.47	1.58	58.05	-10.15	68.20	265	140	Peak
2		5650.000	55.73	1.59	57.32	-10.88	68.20	265	140	Peak
3		5700.000	53.97	1.79	55.76	-49.44	105.20	265	140	Peak
4		5720.000	65.37	1.87	67.24	-43.56	110.80	265	140	Peak
5		5725.000	70.68	1.89	72.57	-49.63	122.20	265	140	Peak
6		5743.385	116.42	1.96	118.39	N/A	N/A	265	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

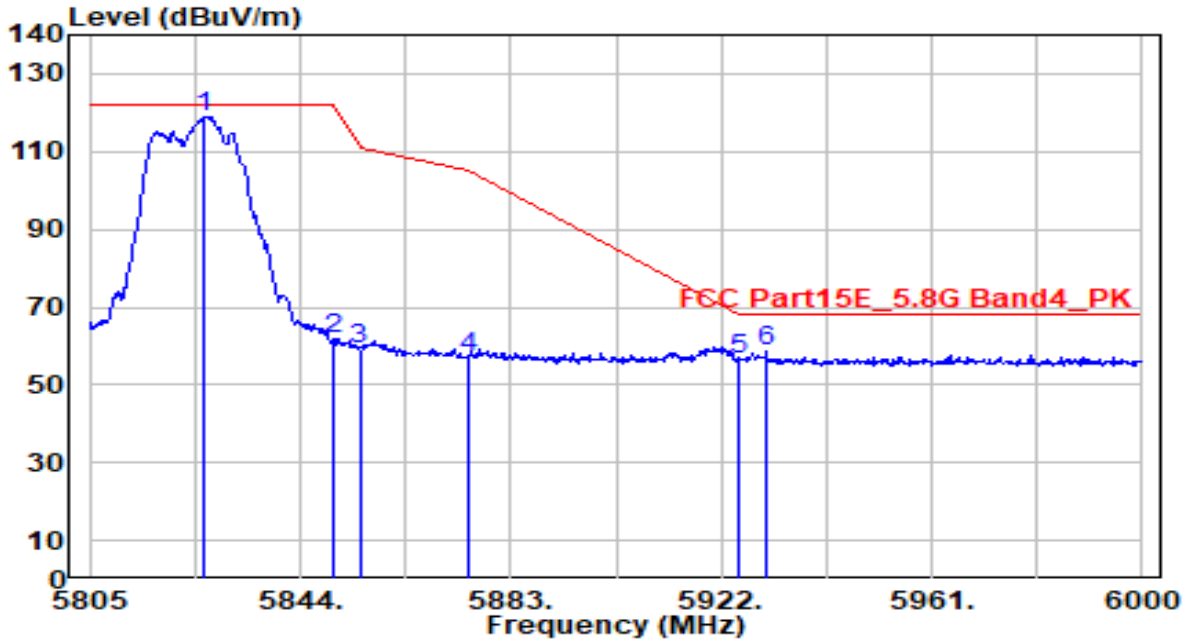


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.675	56.15	1.58	57.73	-10.47	68.20	250	255	Peak
2		5650.000	55.78	1.59	57.37	-10.83	68.20	250	255	Peak
3		5700.000	54.79	1.79	56.58	-48.62	105.20	250	255	Peak
4		5720.000	61.67	1.87	63.54	-47.26	110.80	250	255	Peak
5		5725.000	65.85	1.89	67.74	-54.46	122.20	250	255	Peak
6		5743.220	118.95	1.96	120.91	N/A	N/A	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

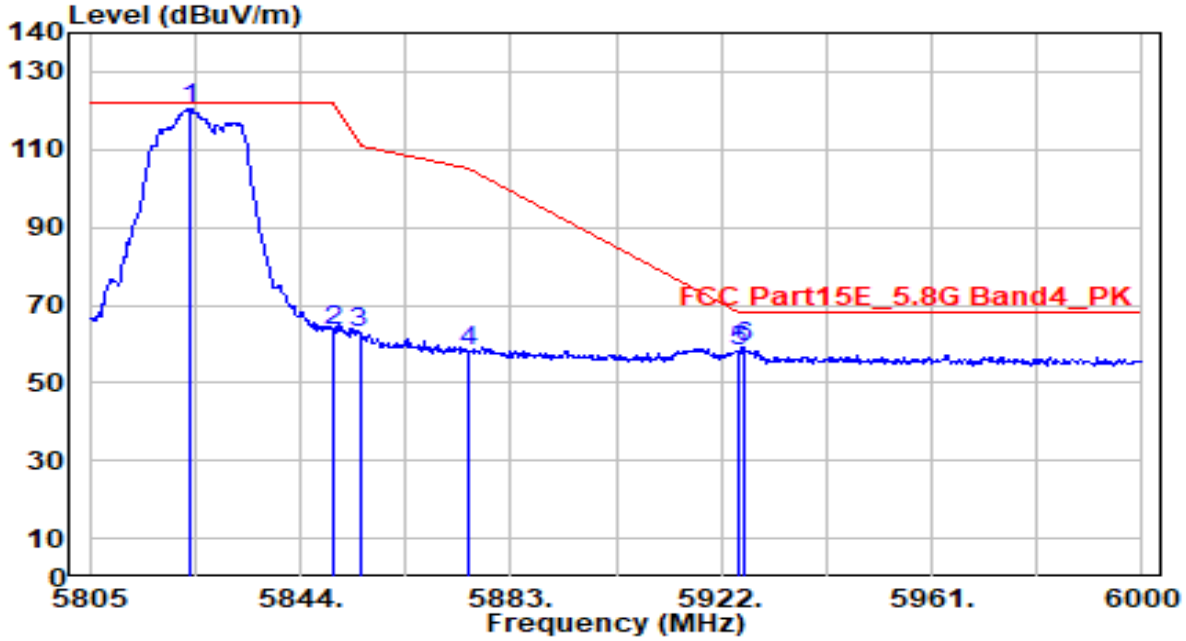


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.060	116.86	2.23	119.09	N/A	N/A	255	130	Peak
2		5850.000	59.49	2.27	61.76	-60.44	122.20	255	130	Peak
3		5855.000	56.70	2.28	58.97	-51.83	110.80	255	130	Peak
4		5875.000	54.75	2.31	57.05	-48.15	105.20	255	130	Peak
5		5925.000	53.95	2.38	56.34	-11.86	68.20	255	130	Peak
6	*	5930.385	56.12	2.39	58.52	-9.68	68.20	255	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

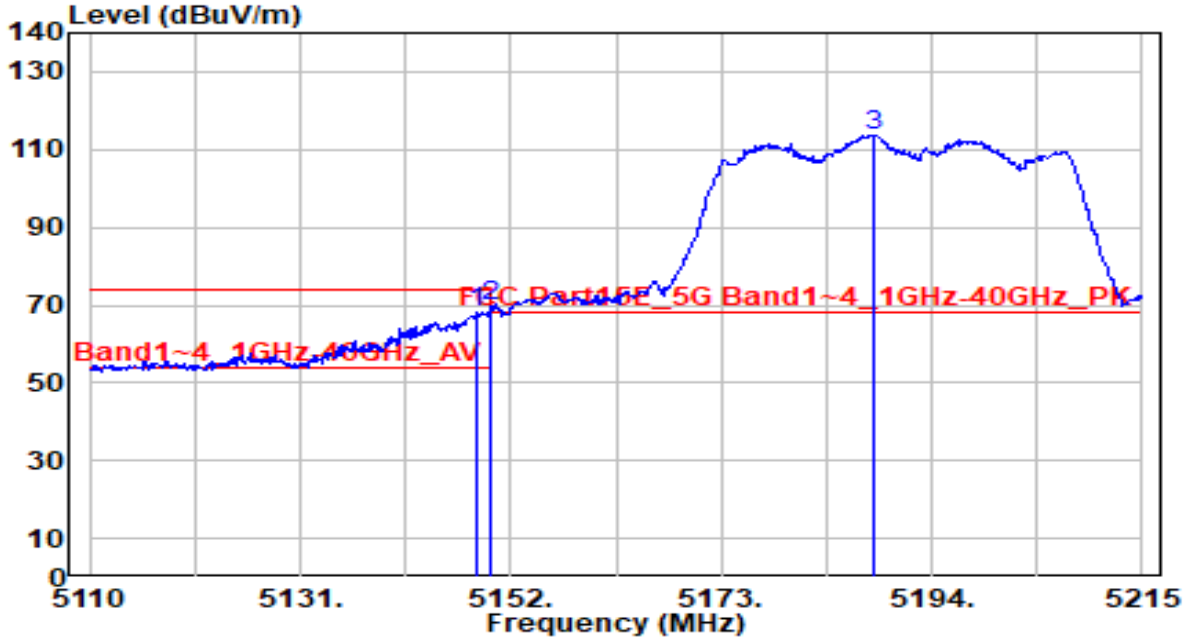


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5823.525	118.34	2.23	120.57	N/A	N/A	250	255	Peak
2		5850.000	60.91	2.27	63.17	-59.03	122.20	250	255	Peak
3		5855.000	60.70	2.28	62.98	-47.82	110.80	250	255	Peak
4		5875.000	55.90	2.31	58.21	-46.99	105.20	250	255	Peak
5		5925.000	55.76	2.38	58.15	-10.05	68.20	250	255	Peak
6	*	5926.485	56.79	2.39	59.17	-9.03	68.20	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

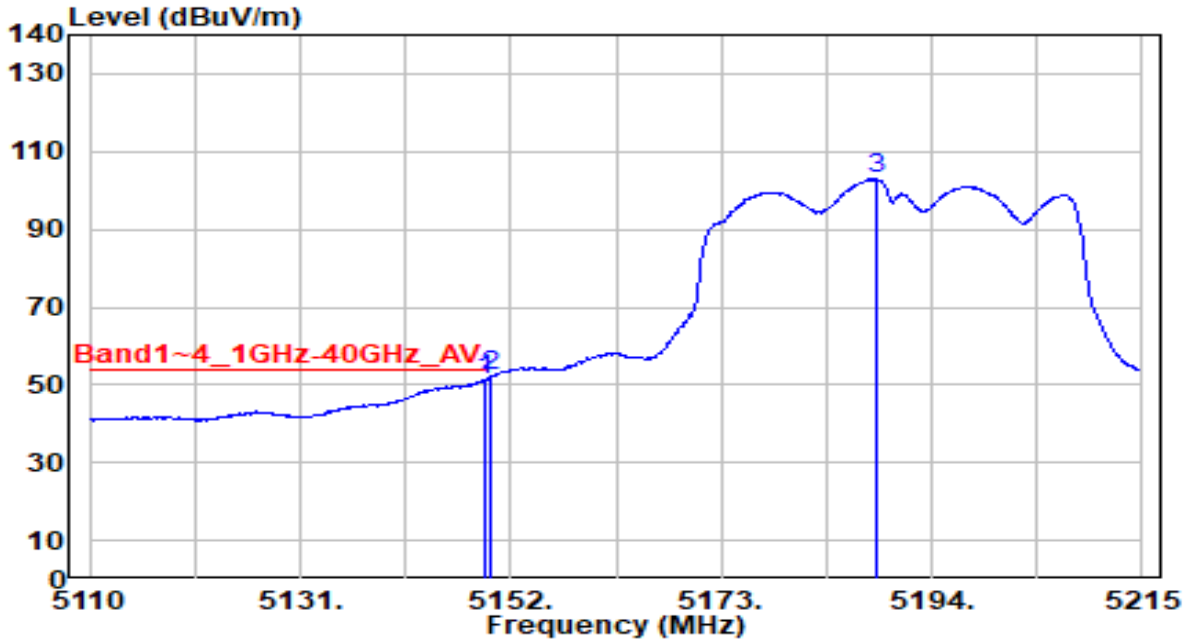


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.640	67.61	0.79	68.40	-5.60	74.00	230	120	Peak
2	*	5150.000	68.79	0.80	69.59	-4.41	74.00	230	120	Peak
3		5188.330	112.93	0.84	113.77	N/A	N/A	230	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

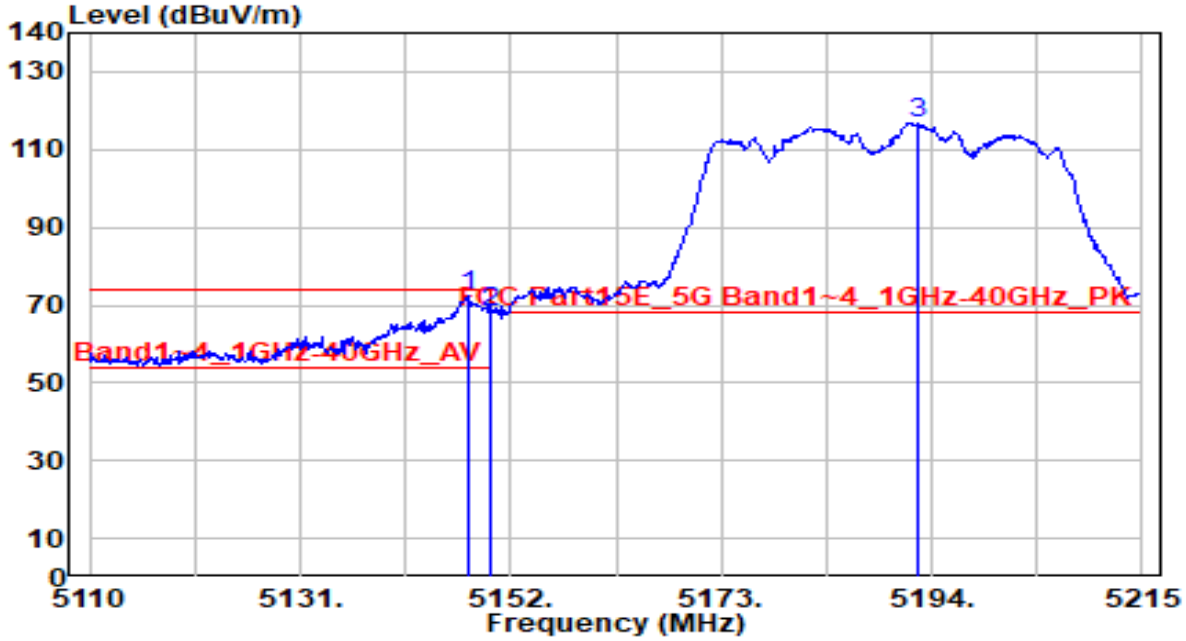


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.480	50.68	0.80	51.47	-2.53	54.00	230	120	Average
2	*	5150.000	51.32	0.80	52.11	-1.89	54.00	230	120	Average
3		5188.435	102.04	0.84	102.89	N/A	N/A	230	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

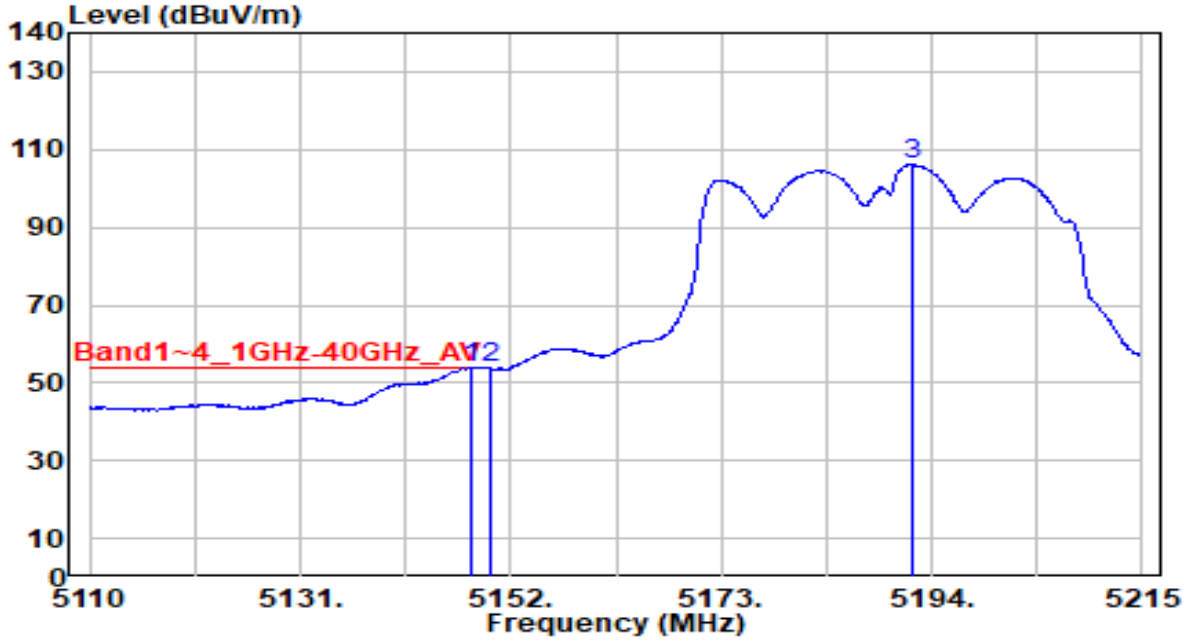


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.800	71.40	0.79	72.20	-1.80	74.00	270	125	Peak
2		5150.000	67.56	0.80	68.35	-5.65	74.00	270	125	Peak
3		5192.635	115.92	0.85	116.77	N/A	N/A	270	125	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

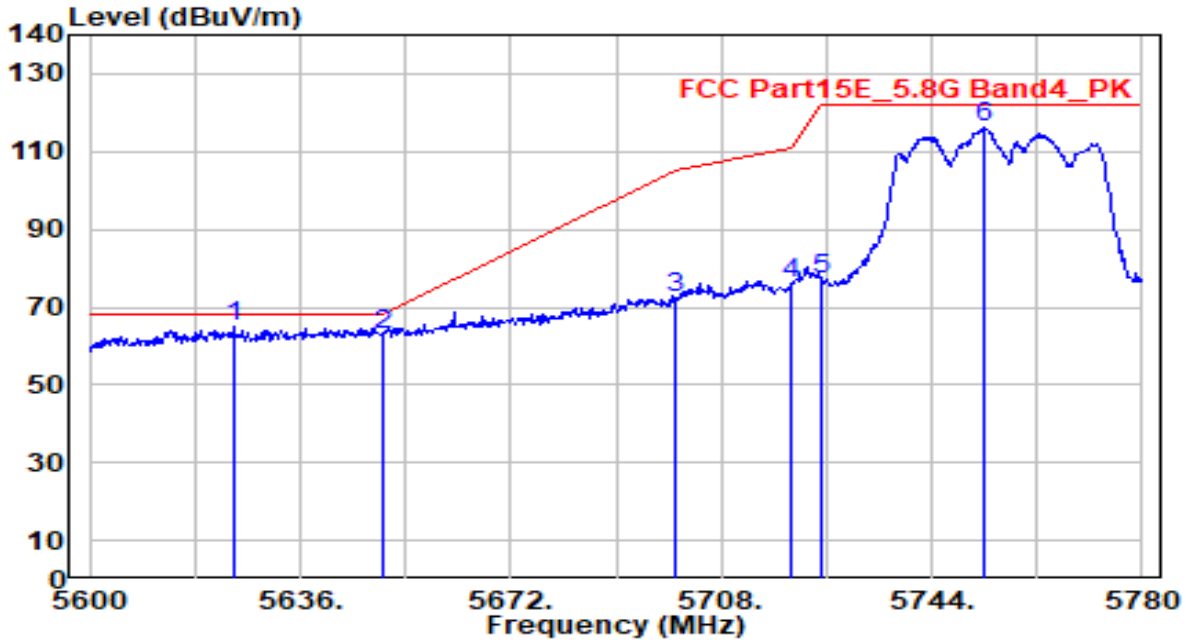


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.115	53.18	0.79	53.98	-0.02	54.00	270	125	Average
2		5150.000	52.90	0.80	53.70	-0.30	54.00	270	125	Average
3		5192.110	105.22	0.85	106.07	N/A	N/A	270	125	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

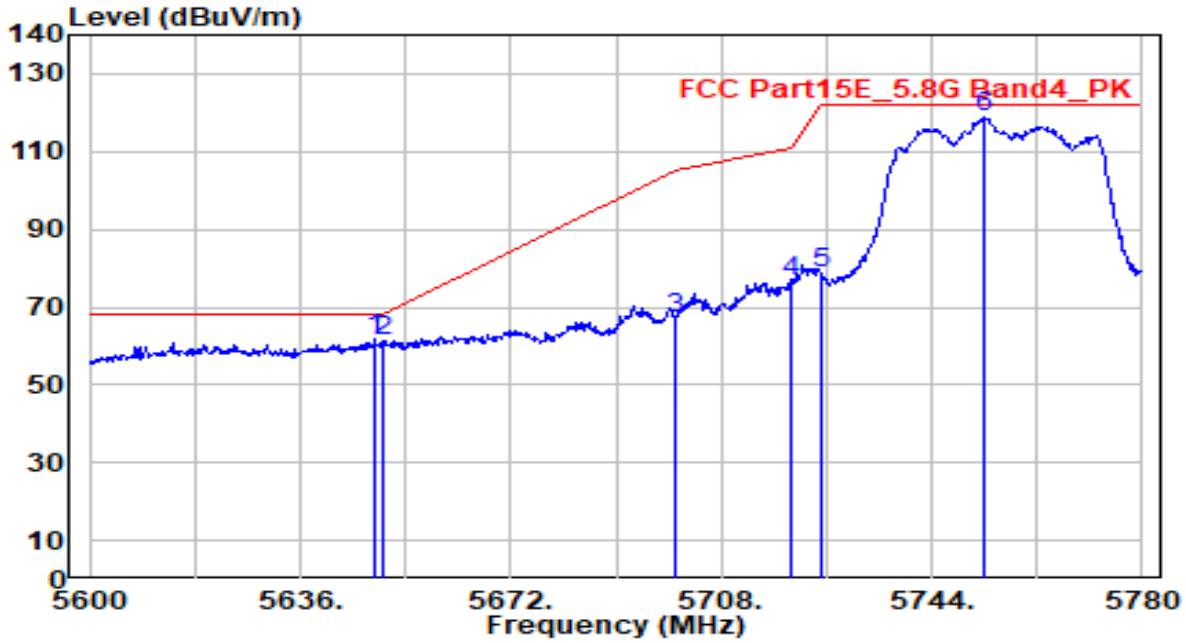


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5624.480	63.30	1.48	64.78	-3.42	68.20	260	140	Peak
2		5650.000	61.49	1.59	63.08	-5.12	68.20	260	140	Peak
3		5700.000	70.61	1.79	72.40	-32.80	105.20	260	140	Peak
4		5720.000	74.23	1.87	76.10	-34.70	110.80	260	140	Peak
5		5725.000	75.11	1.89	77.00	-45.20	122.20	260	140	Peak
6		5752.820	114.03	2.00	116.03	N/A	N/A	260	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

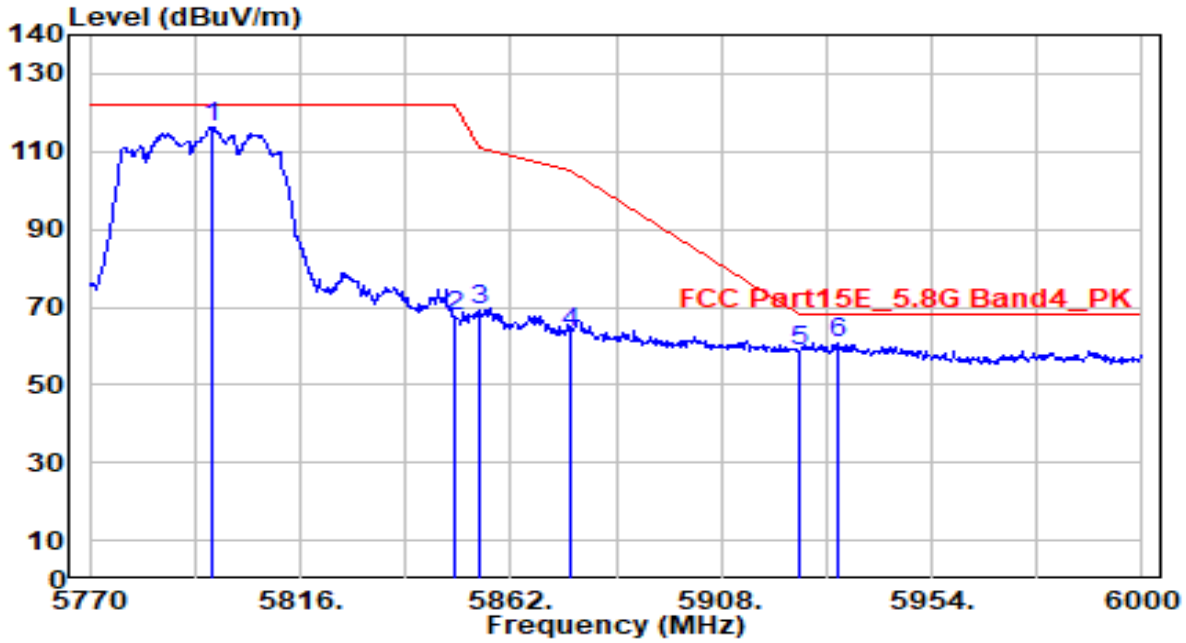


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.780	60.15	1.58	61.73	-6.47	68.20	255	255	Peak
2		5650.000	59.47	1.59	61.05	-7.15	68.20	255	255	Peak
3		5700.000	65.23	1.79	67.01	-38.19	105.20	255	255	Peak
4		5720.000	74.61	1.87	76.48	-34.32	110.80	255	255	Peak
5		5725.000	76.81	1.89	78.70	-43.50	122.20	255	255	Peak
6		5752.820	116.60	2.00	118.61	N/A	N/A	255	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

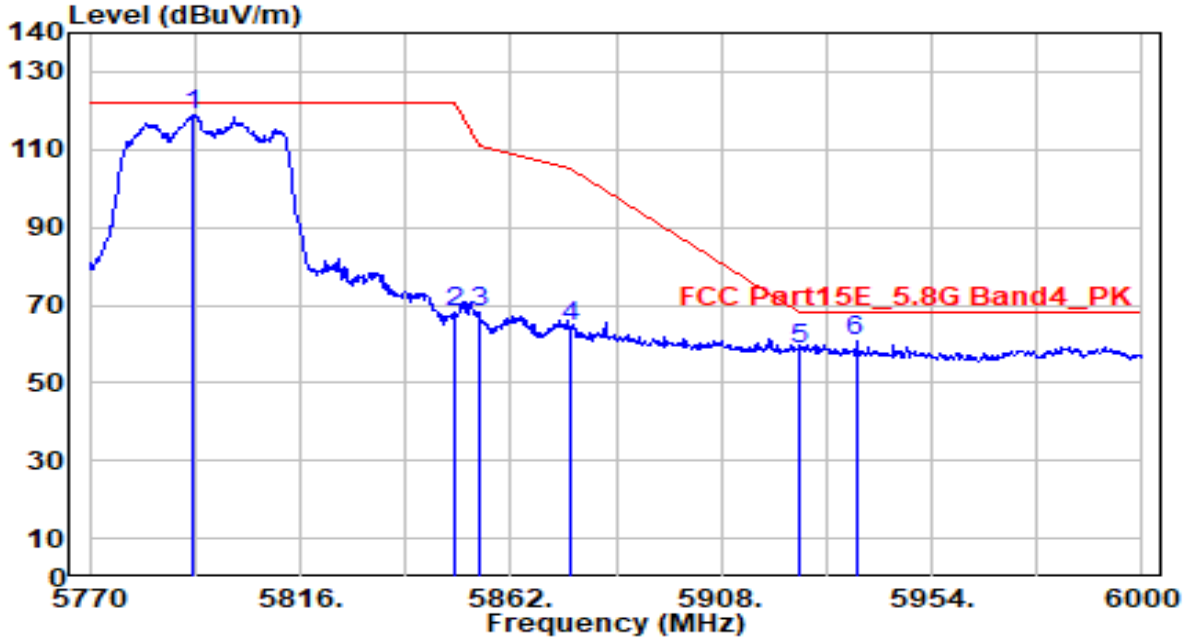


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5796.680	114.22	2.18	116.40	N/A	N/A	245	130	Peak
2		5850.000	65.28	2.27	67.55	-54.65	122.20	245	130	Peak
3		5855.000	66.94	2.28	69.21	-41.59	110.80	245	130	Peak
4		5875.000	61.02	2.31	63.33	-41.87	105.20	245	130	Peak
5		5925.000	56.47	2.38	58.86	-9.34	68.20	245	130	Peak
6	*	5933.300	58.47	2.40	60.87	-7.33	68.20	245	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

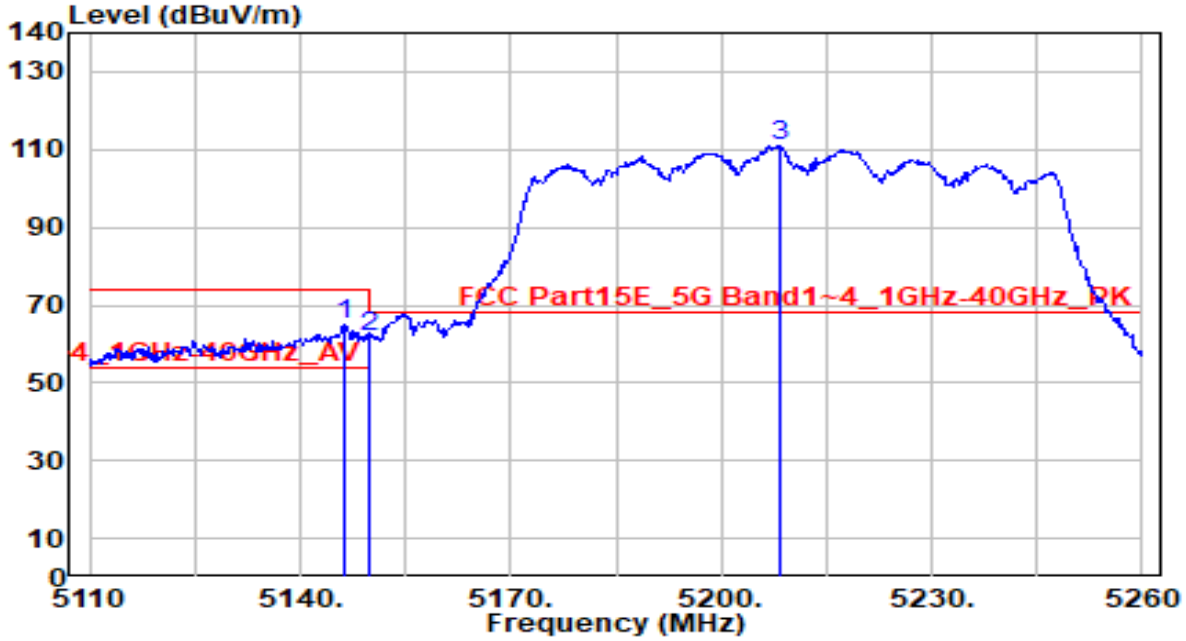


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5792.770	116.83	2.16	119.00	N/A	N/A	250	255	Peak
2		5850.000	66.10	2.27	68.37	-53.83	122.20	250	255	Peak
3		5855.000	65.71	2.28	67.98	-42.82	110.80	250	255	Peak
4		5875.000	61.90	2.31	64.21	-40.99	105.20	250	255	Peak
5		5925.000	56.09	2.38	58.48	-9.72	68.20	250	255	Peak
6	*	5937.440	58.20	2.40	60.60	-7.60	68.20	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

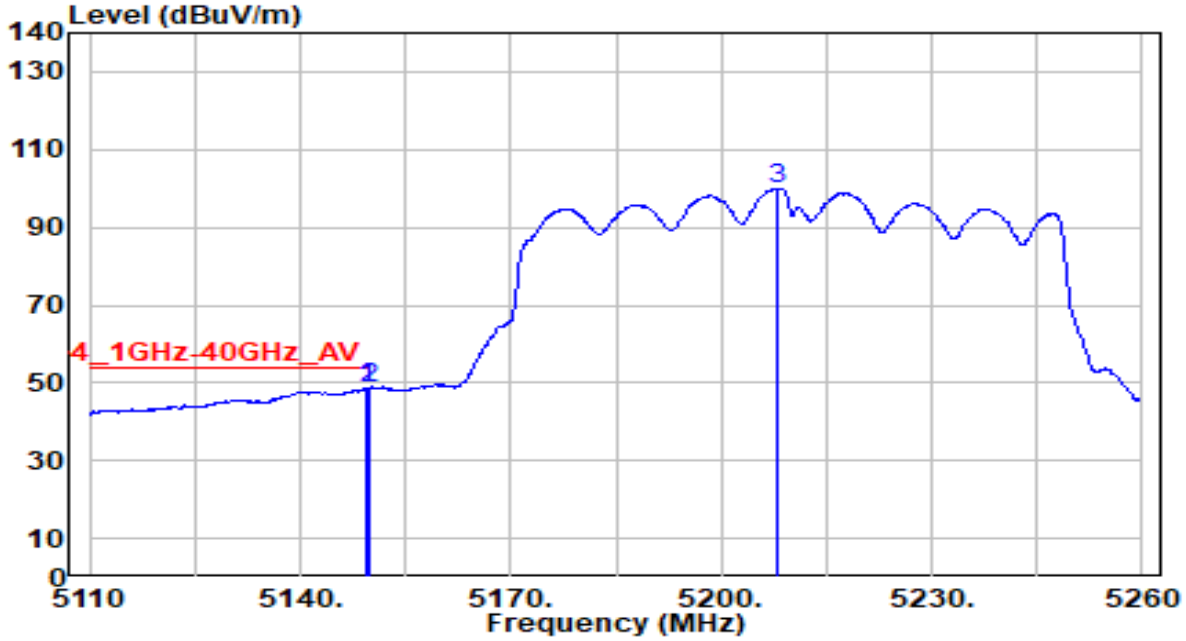


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.450	64.29	0.79	65.08	-8.92	74.00	230	120	Peak
2		5150.000	61.17	0.80	61.96	-12.04	74.00	230	120	Peak
3		5208.400	110.33	0.84	111.18	N/A	N/A	230	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

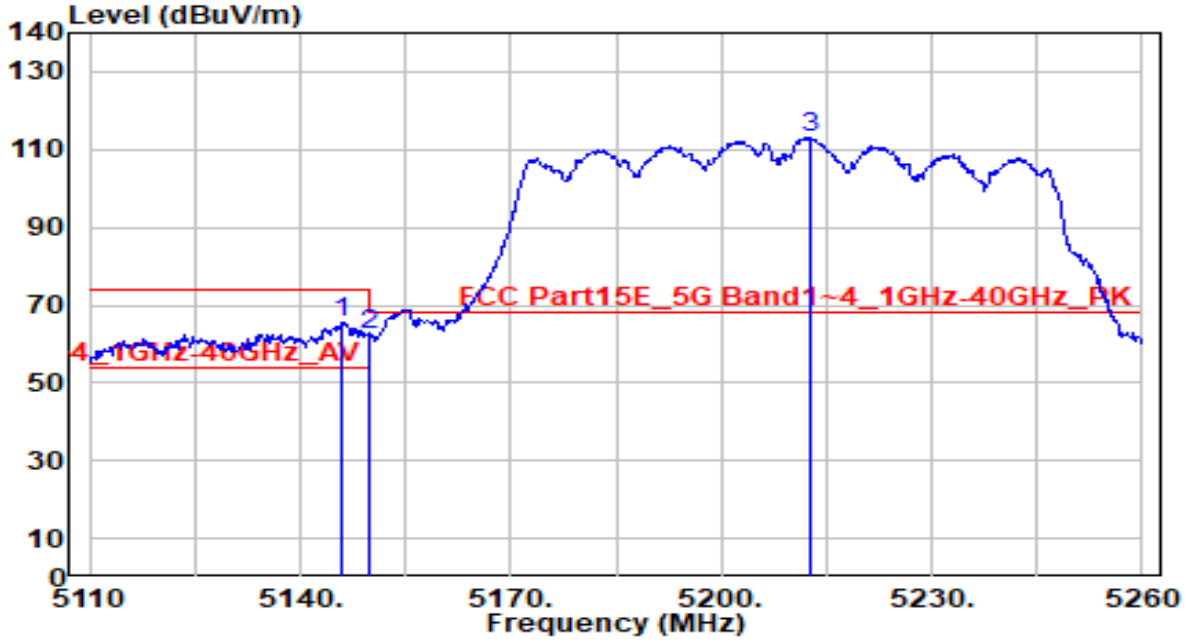


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.300	47.73	0.80	48.53	-5.47	54.00	230	120	Average
2	*	5150.000	47.92	0.80	48.71	-5.29	54.00	230	120	Average
3		5207.950	99.14	0.84	99.98	N/A	N/A	230	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

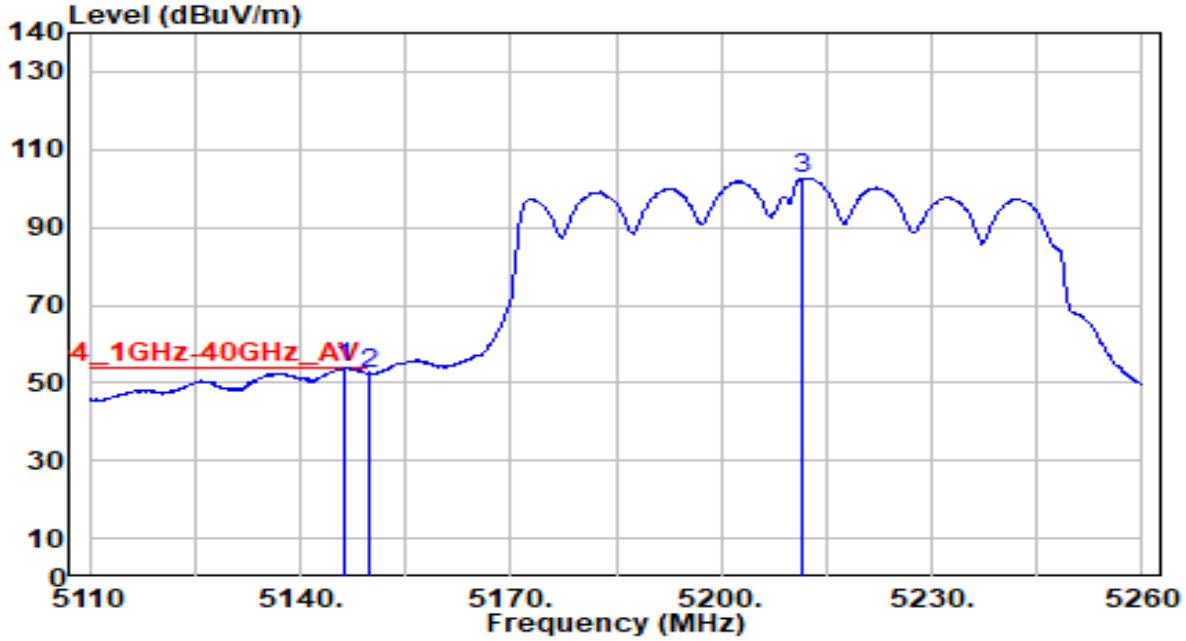


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.000	64.86	0.79	65.65	-8.35	74.00	270	125	Peak
2		5150.000	61.44	0.80	62.23	-11.77	74.00	270	125	Peak
3		5212.600	112.36	0.84	113.20	N/A	N/A	270	125	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

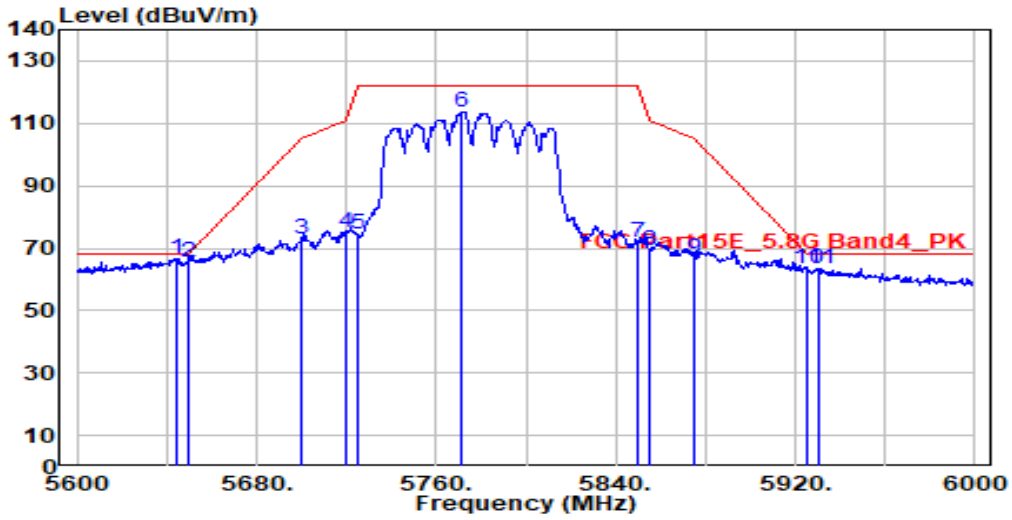


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.450	53.13	0.79	53.92	-0.08	54.00	270	125	Average
2		5150.000	51.55	0.80	52.35	-1.65	54.00	270	125	Average
3		5211.550	101.90	0.84	102.73	N/A	N/A	270	125	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

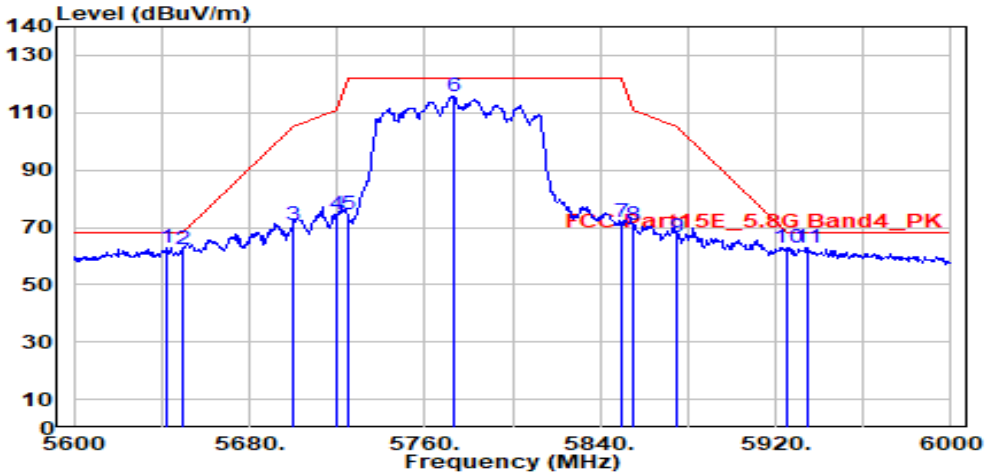


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5644.800	65.00	1.56	66.57	-1.63	68.20	255	145	Peak
2		5650.000	63.91	1.59	65.49	-2.71	68.20	255	145	Peak
3		5700.000	70.92	1.79	72.71	-32.49	105.20	255	145	Peak
4		5720.000	72.94	1.87	74.81	-35.99	110.80	255	145	Peak
5		5725.000	72.71	1.89	74.60	-47.60	122.20	255	145	Peak
6		5770.800	111.58	2.07	113.65	N/A	N/A	255	145	Peak
7		5850.000	69.63	2.27	71.90	-50.30	122.20	255	145	Peak
8		5855.000	67.18	2.28	69.45	-41.35	110.80	255	145	Peak
9		5875.000	64.31	2.31	66.62	-38.58	105.20	255	145	Peak
10		5925.000	61.16	2.38	63.55	-4.65	68.20	255	145	Peak
11		5930.800	61.22	2.39	63.62	-4.58	68.20	255	145	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

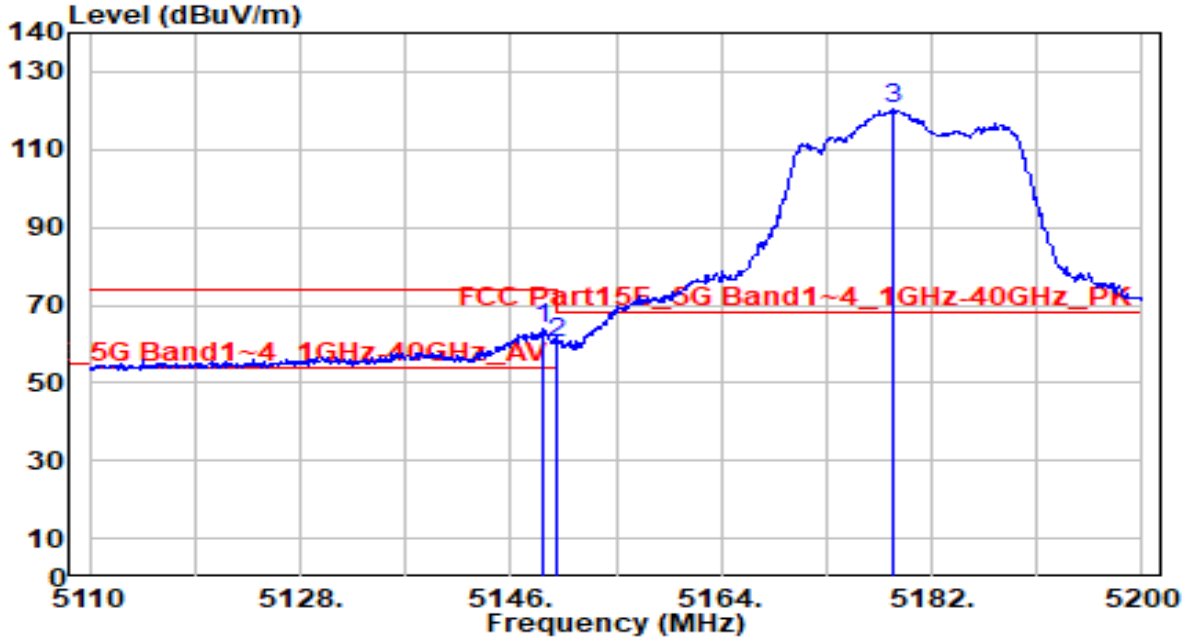


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5642.400	61.25	1.56	62.80	-5.40	68.20	270	255	Peak
2		5650.000	60.76	1.59	62.35	-5.85	68.20	270	255	Peak
3		5700.000	68.97	1.79	70.76	-34.44	105.20	270	255	Peak
4		5720.000	72.37	1.87	74.23	-36.57	110.80	270	255	Peak
5		5725.000	72.38	1.89	74.27	-47.93	122.20	270	255	Peak
6		5773.600	113.52	2.09	115.60	N/A	N/A	270	255	Peak
7		5850.000	69.82	2.27	72.09	-50.11	122.20	270	255	Peak
8		5855.000	68.48	2.28	70.76	-40.04	110.80	270	255	Peak
9		5875.000	64.05	2.31	66.35	-38.85	105.20	270	255	Peak
10		5925.000	60.40	2.38	62.78	-5.42	68.20	270	255	Peak
11	*	5934.400	60.65	2.40	63.05	-5.15	68.20	270	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

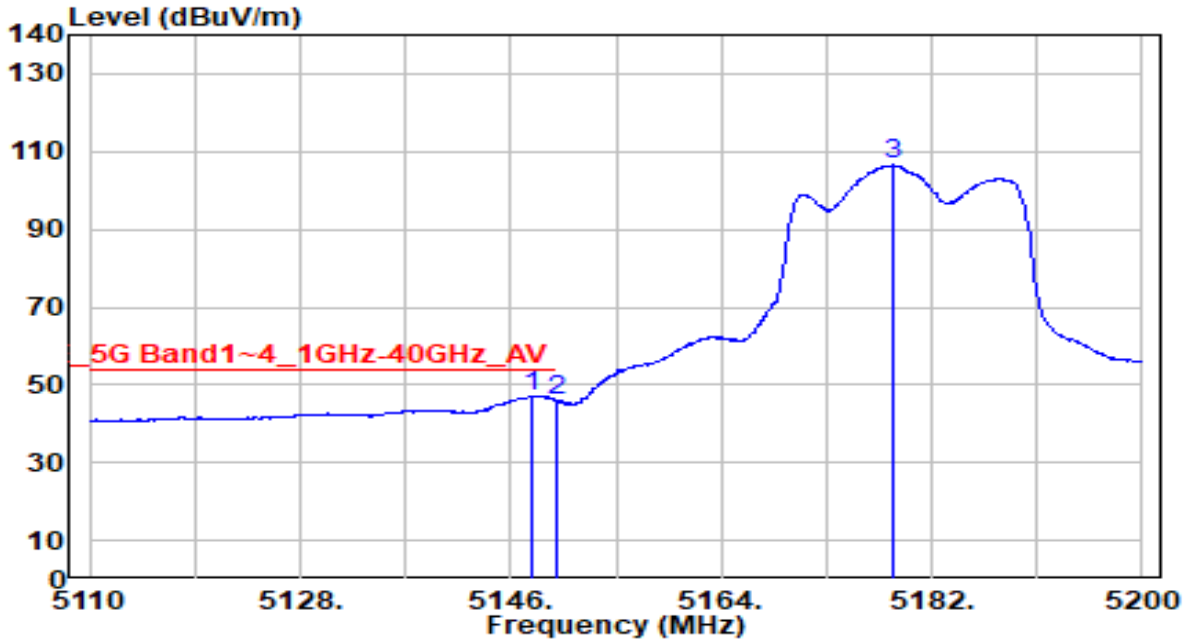


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.790	63.08	0.79	63.88	-10.12	74.00	255	120	Peak
2		5150.000	59.42	0.80	60.22	-13.78	74.00	255	120	Peak
3		5178.670	119.62	0.83	120.45	N/A	N/A	255	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

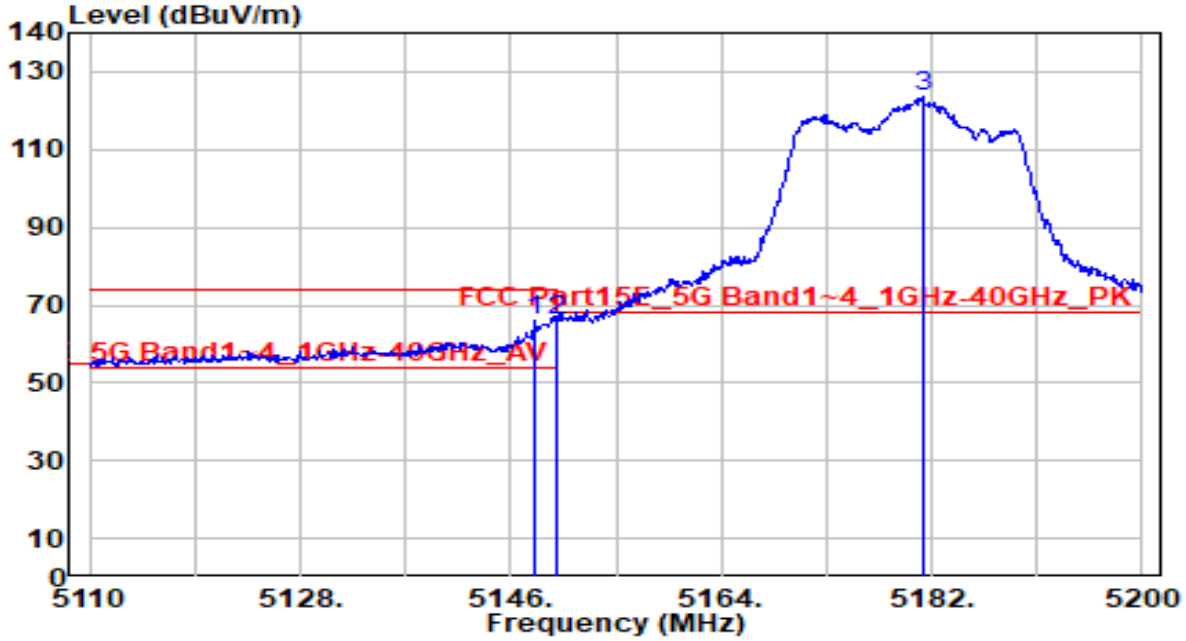


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.800	46.30	0.79	47.09	-6.91	54.00	255	120	Average
2		5150.000	45.26	0.80	46.06	-7.94	54.00	255	120	Average
3		5178.760	105.70	0.83	106.54	N/A	N/A	255	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

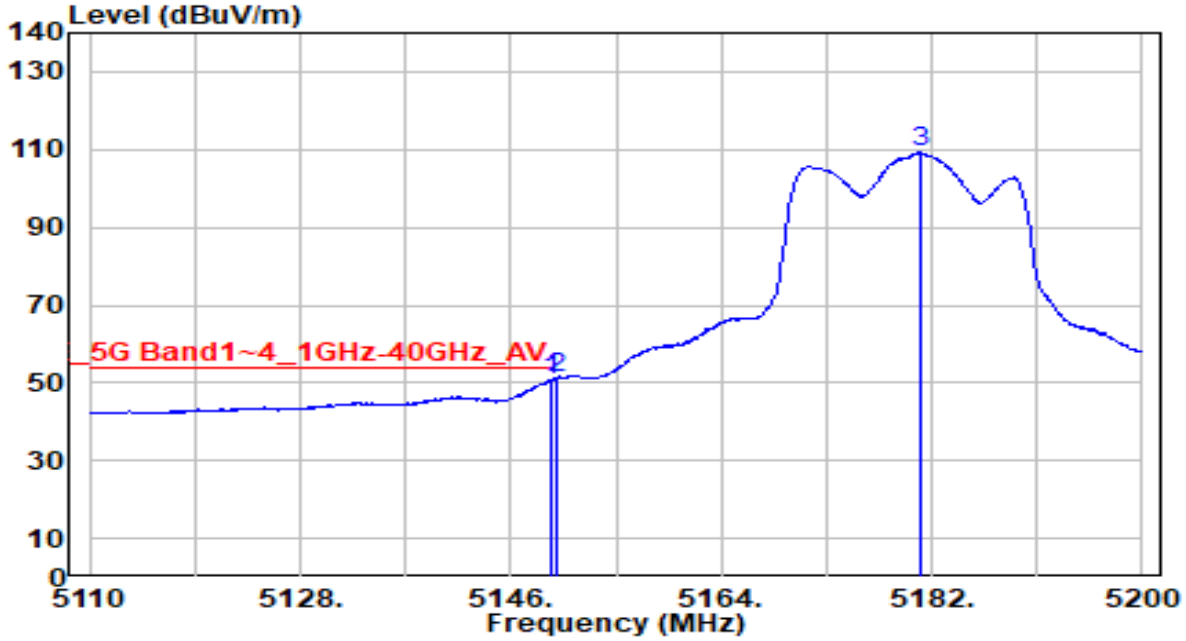


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.160	65.11	0.79	65.90	-8.10	74.00	290	130	Peak
2	*	5150.000	65.35	0.80	66.15	-7.85	74.00	290	130	Peak
3		5181.190	122.61	0.83	123.45	N/A	N/A	290	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

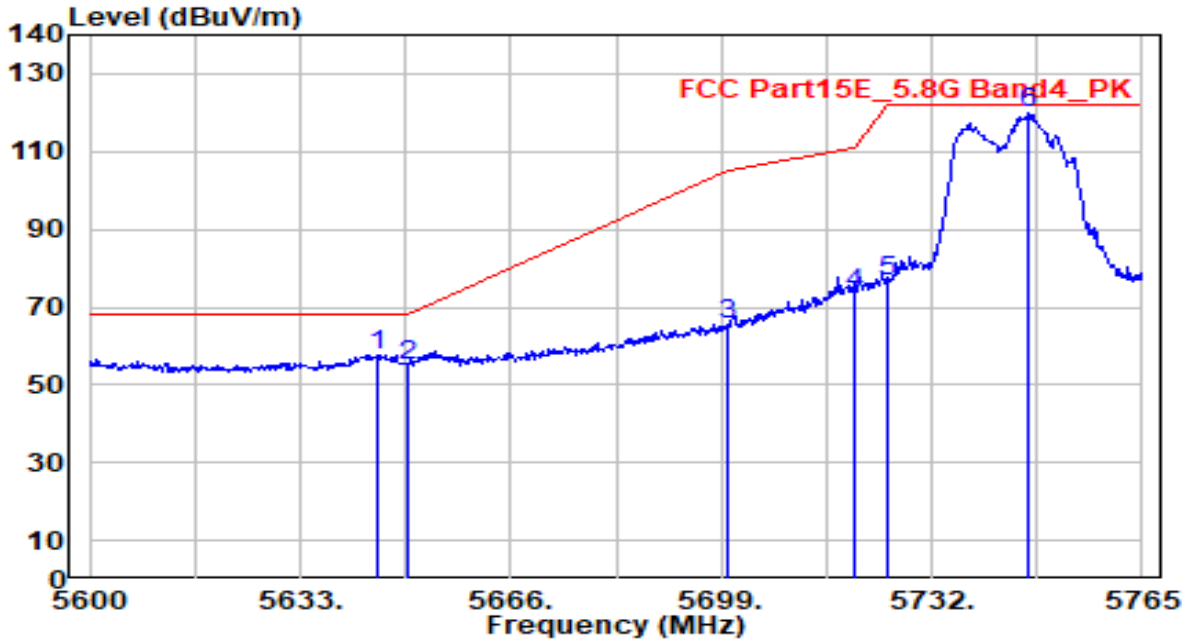


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.420	49.81	0.80	50.61	-3.39	54.00	290	130	Average
2	*	5150.000	50.23	0.80	51.03	-2.97	54.00	290	130	Average
3		5181.010	108.36	0.83	109.19	N/A	N/A	290	130	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

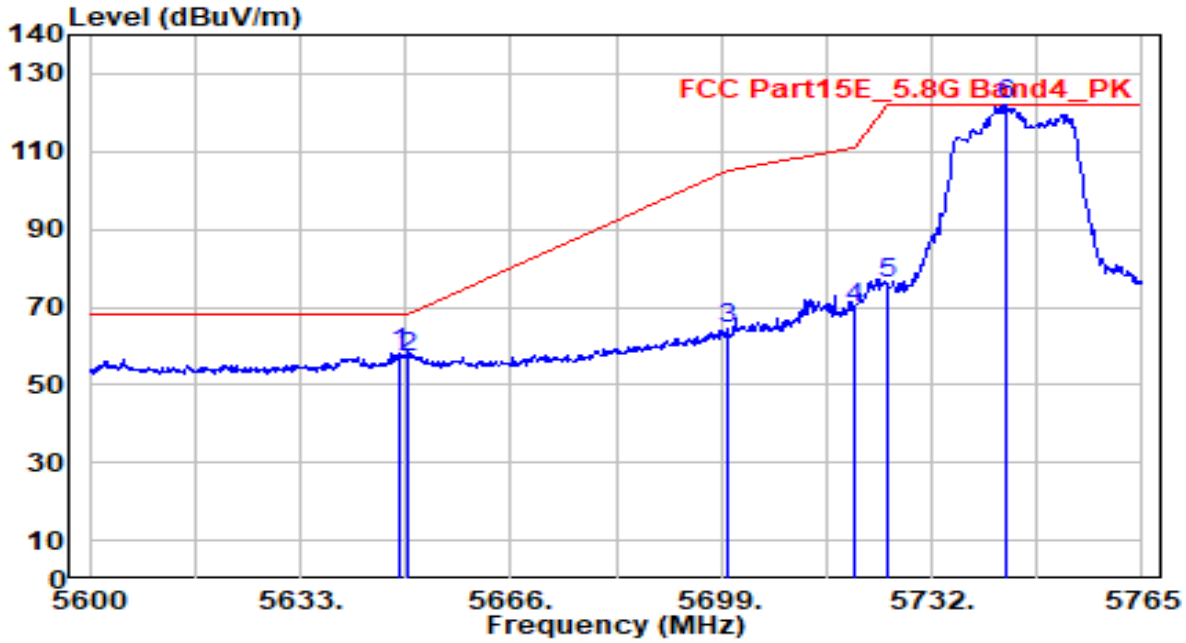


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5645.210	56.19	1.57	57.76	-10.44	68.20	225	155	Peak
2		5650.000	53.38	1.59	54.97	-13.23	68.20	225	155	Peak
3		5700.000	63.63	1.79	65.42	-39.78	105.20	225	155	Peak
4		5720.000	71.52	1.87	73.39	-37.41	110.80	225	155	Peak
5		5725.000	74.78	1.89	76.67	-45.53	122.20	225	155	Peak
6		5747.015	117.83	1.98	119.81	N/A	N/A	225	155	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

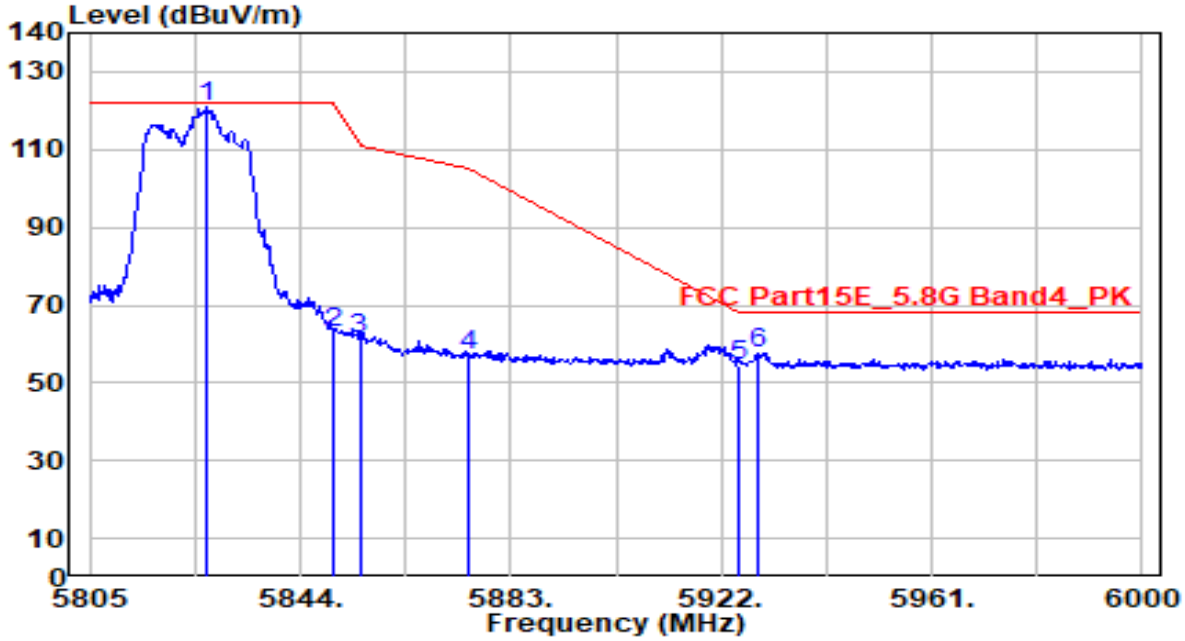


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.510	56.54	1.58	58.12	-10.08	68.20	250	255	Peak
2		5650.000	55.60	1.59	57.19	-11.01	68.20	250	255	Peak
3		5700.000	62.60	1.79	64.39	-40.81	105.20	250	255	Peak
4		5720.000	68.09	1.87	69.96	-40.84	110.80	250	255	Peak
5		5725.000	74.16	1.89	76.05	-46.15	122.20	250	255	Peak
6		5743.550	120.17	1.96	122.13	N/A	N/A	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

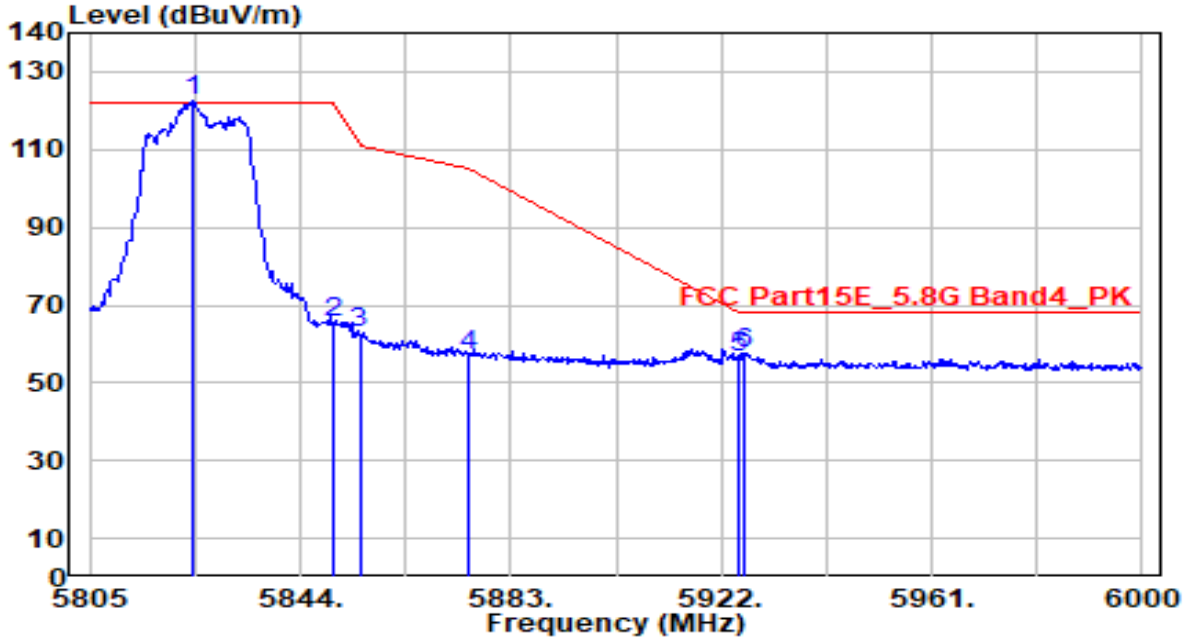


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5826.840	118.68	2.23	120.92	N/A	N/A	255	130	Peak
2		5850.000	60.64	2.27	62.91	-59.29	122.20	255	130	Peak
3		5855.000	58.88	2.28	61.15	-49.65	110.80	255	130	Peak
4		5875.000	54.61	2.31	56.92	-48.28	105.20	255	130	Peak
5		5925.000	52.17	2.38	54.56	-13.64	68.20	255	130	Peak
6	*	5928.825	55.35	2.39	57.74	-10.46	68.20	255	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

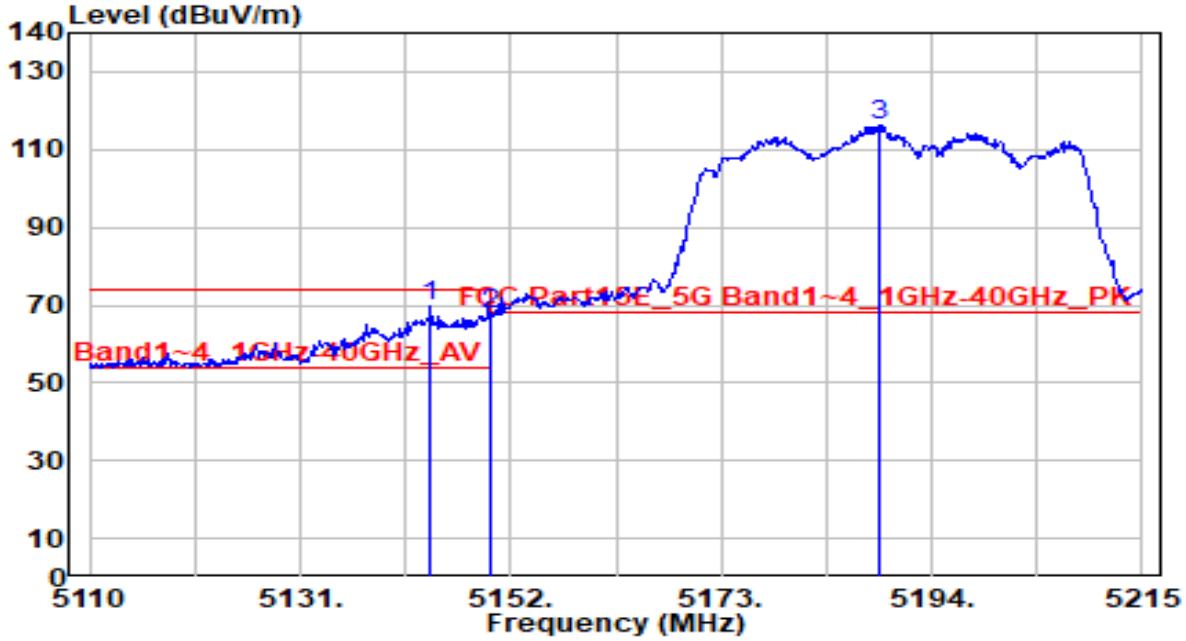


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5824.110	120.11	2.23	122.34	N/A	N/A	250	255	Peak
2		5850.000	63.22	2.27	65.49	-56.71	122.20	250	255	Peak
3		5855.000	60.65	2.28	62.92	-47.88	110.80	250	255	Peak
4		5875.000	54.71	2.31	57.02	-48.18	105.20	250	255	Peak
5		5925.000	54.06	2.38	56.45	-11.75	68.20	250	255	Peak
6	*	5926.290	55.39	2.39	57.78	-10.42	68.20	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

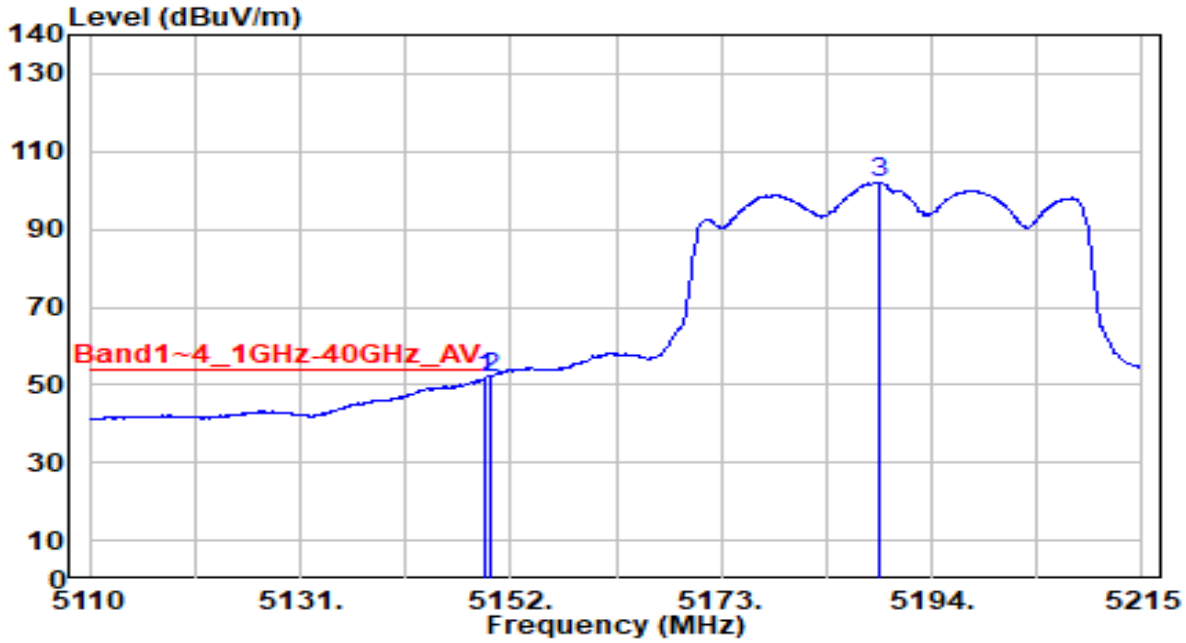


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.020	68.69	0.79	69.48	-4.52	74.00	230	120	Peak
2		5150.000	66.80	0.80	67.59	-6.41	74.00	230	120	Peak
3		5188.750	115.44	0.84	116.28	N/A	N/A	230	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

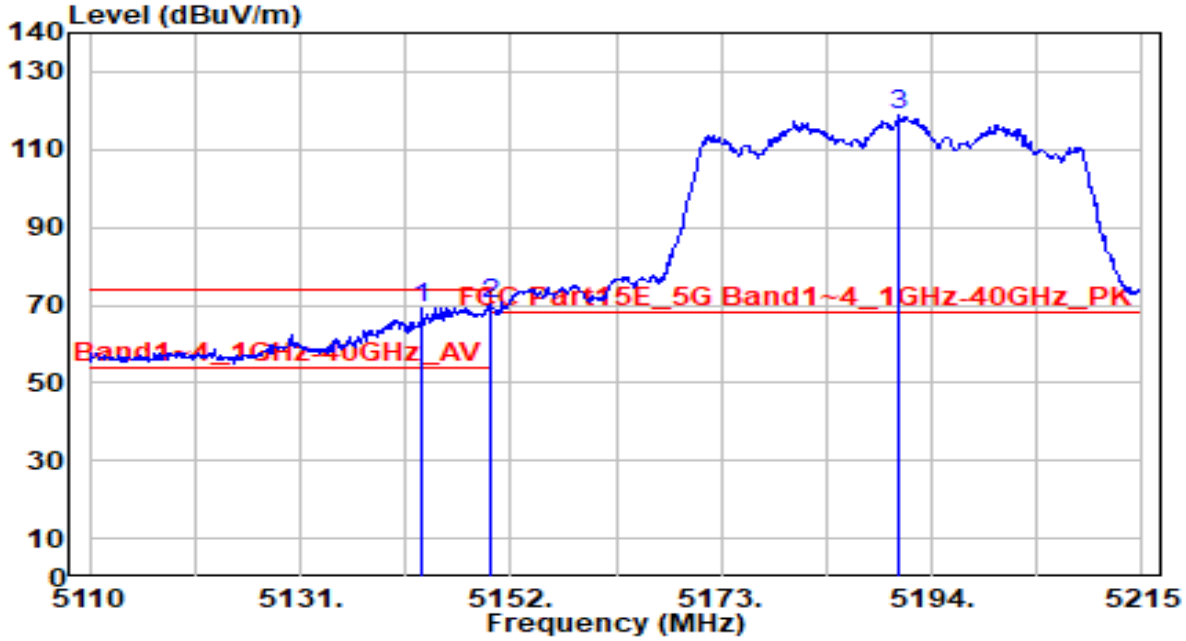


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.375	50.76	0.80	51.55	-2.45	54.00	230	120	Average
2	*	5150.000	51.20	0.80	52.00	-2.00	54.00	230	120	Average
3		5188.645	101.36	0.84	102.20	N/A	N/A	230	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

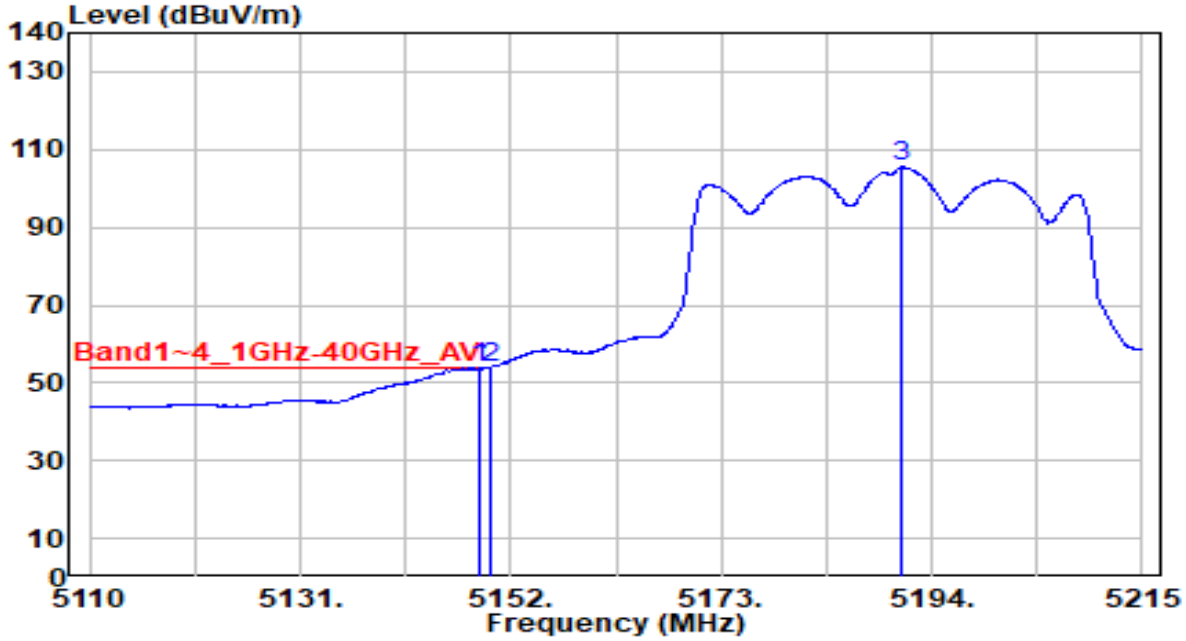


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5143.180	68.57	0.79	69.36	-4.64	74.00	290	130	Peak
2	*	5150.000	69.29	0.80	70.09	-3.91	74.00	290	130	Peak
3		5190.745	117.93	0.85	118.77	N/A	N/A	290	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

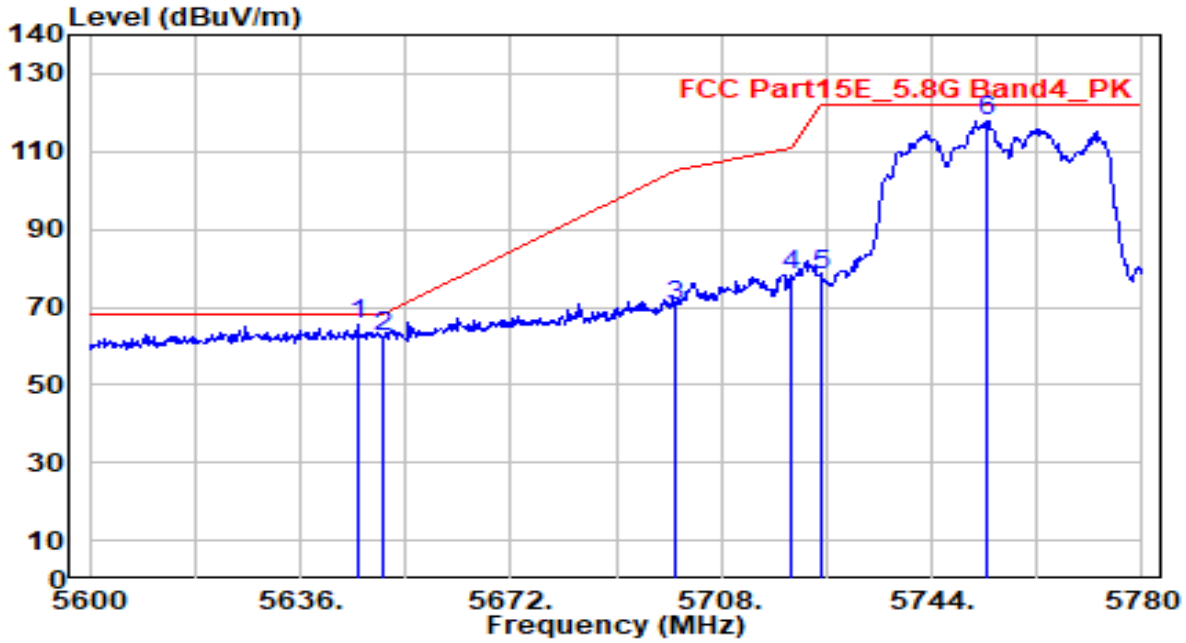


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.955	53.00	0.79	53.80	-0.20	54.00	290	130	Average
2	*	5150.000	53.16	0.80	53.95	-0.05	54.00	290	130	Average
3		5191.060	104.63	0.85	105.48	N/A	N/A	290	130	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

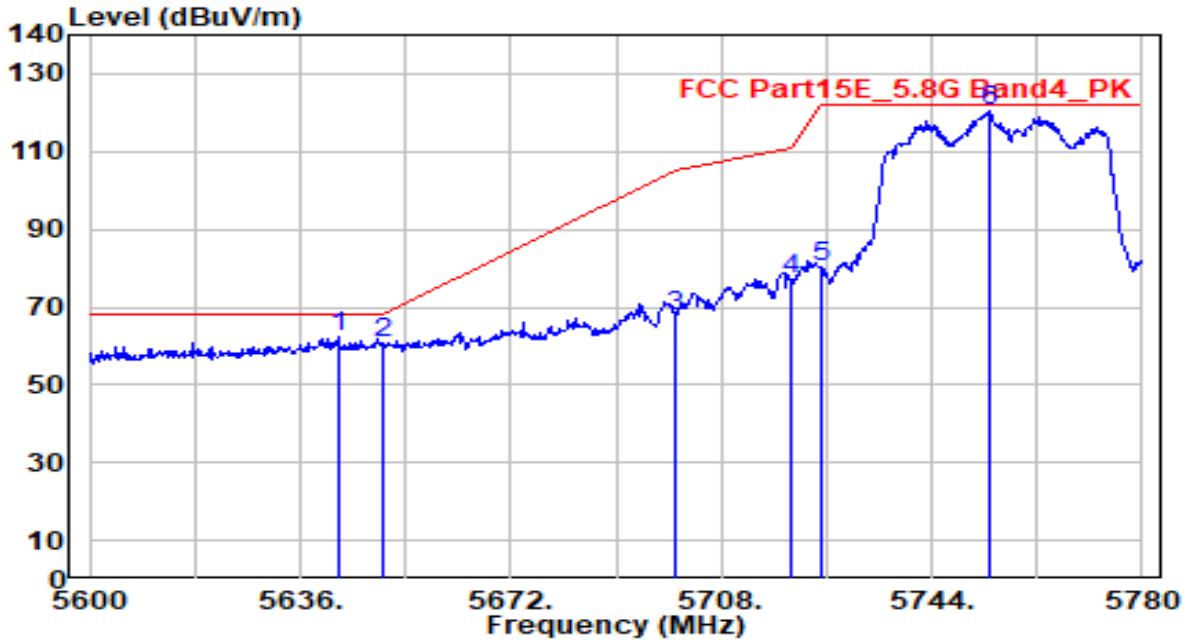


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5645.720	64.04	1.57	65.61	-2.59	68.20	250	140	Peak
2		5650.000	60.92	1.59	62.51	-5.69	68.20	250	140	Peak
3		5700.000	68.71	1.79	70.49	-34.71	105.20	250	140	Peak
4		5720.000	76.29	1.87	78.16	-32.64	110.80	250	140	Peak
5		5725.000	76.50	1.89	78.39	-43.81	122.20	250	140	Peak
6		5753.360	115.96	2.00	117.96	N/A	N/A	250	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

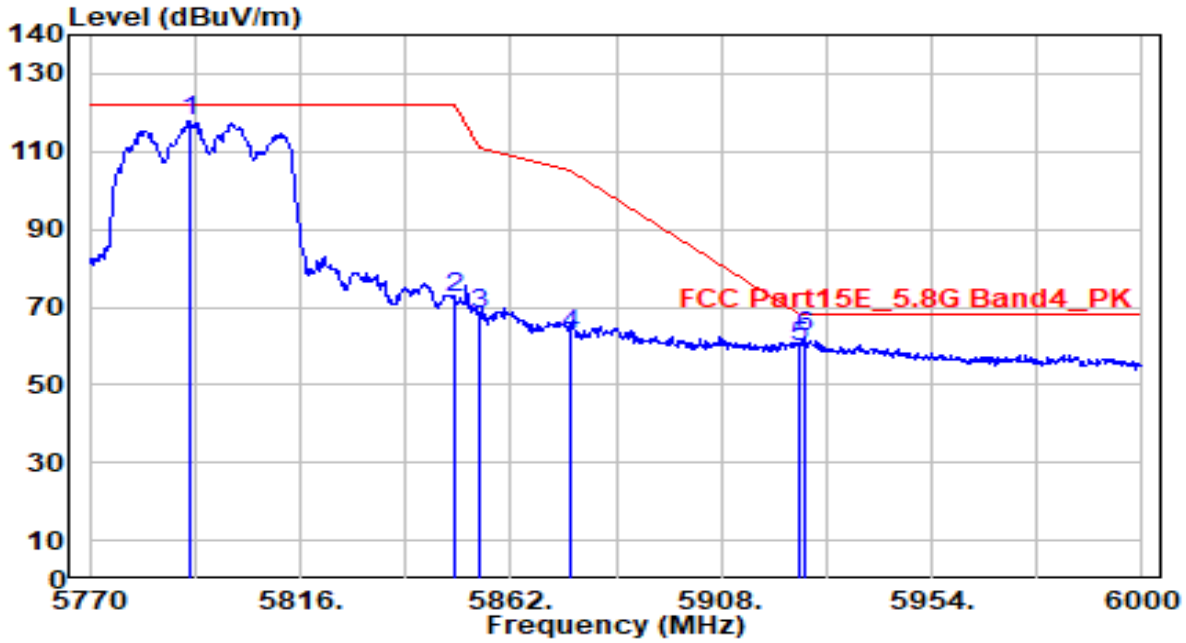


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.660	60.90	1.56	62.46	-5.74	68.20	260	255	Peak
2		5650.000	59.15	1.59	60.73	-7.47	68.20	260	255	Peak
3		5700.000	65.65	1.79	67.43	-37.77	105.20	260	255	Peak
4		5720.000	75.19	1.87	77.06	-33.74	110.80	260	255	Peak
5		5725.000	78.45	1.89	80.34	-41.86	122.20	260	255	Peak
6		5753.900	118.32	2.01	120.33	N/A	N/A	260	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

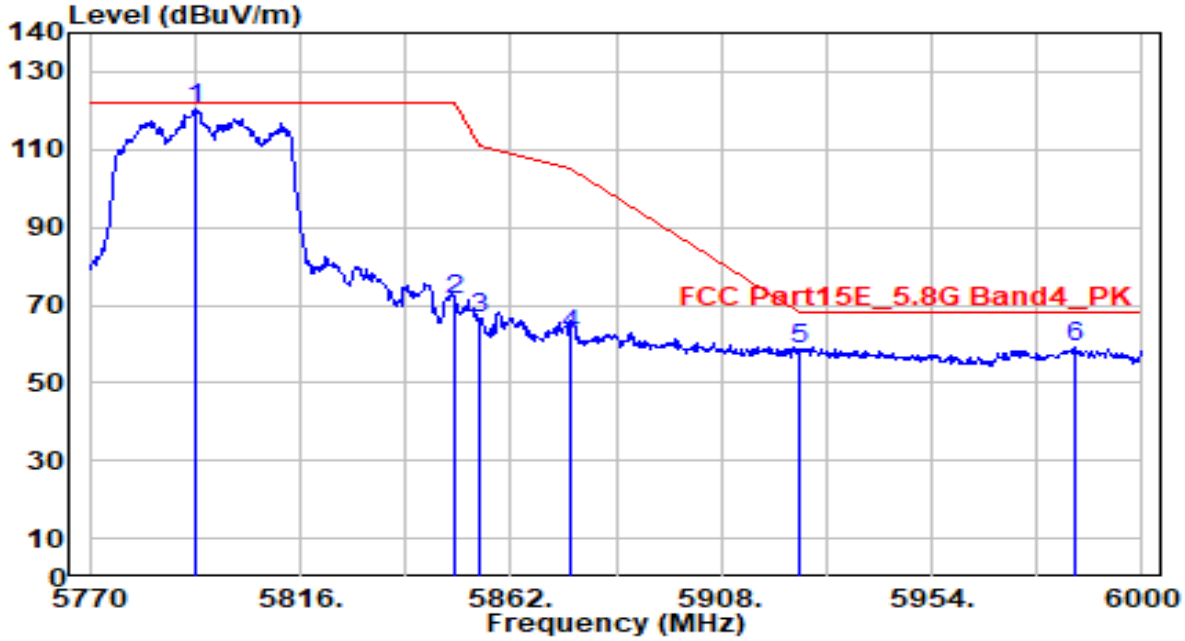


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5791.850	115.51	2.16	117.67	N/A	N/A	250	140	Peak
2		5850.000	70.35	2.27	72.62	-49.58	122.20	250	140	Peak
3		5855.000	65.85	2.28	68.13	-42.67	110.80	250	140	Peak
4		5875.000	60.60	2.31	62.91	-42.29	105.20	250	140	Peak
5		5925.000	57.54	2.38	59.92	-8.28	68.20	250	140	Peak
6	*	5926.170	60.09	2.39	62.47	-5.73	68.20	250	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

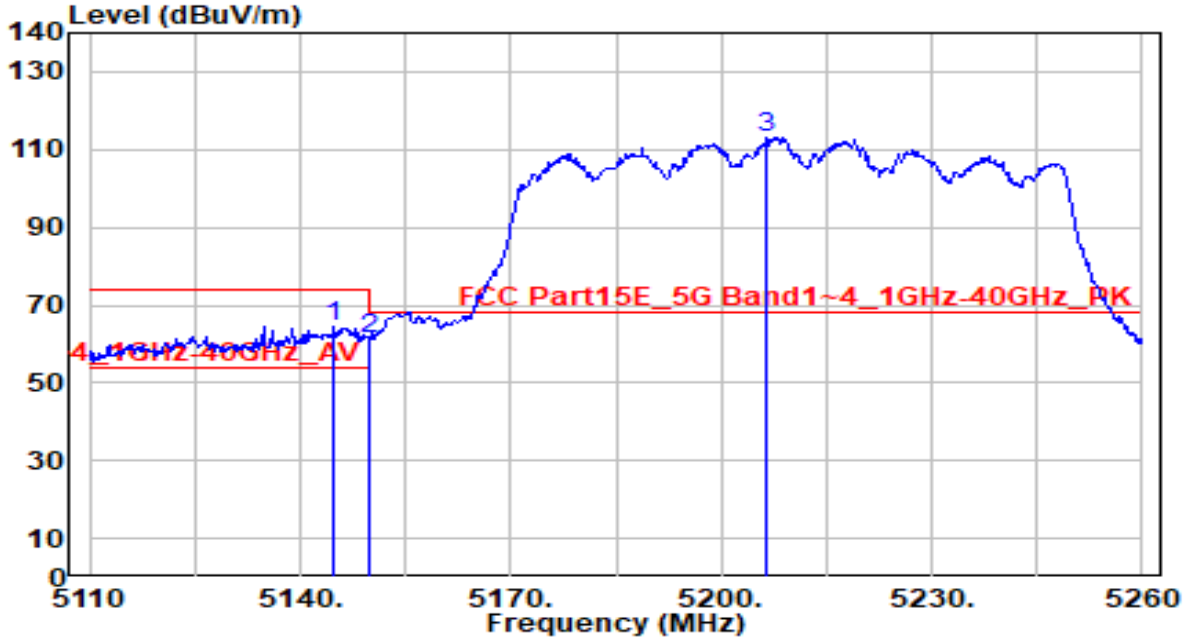


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5793.230	118.38	2.16	120.54	N/A	N/A	250	250	Peak
2		5850.000	69.01	2.27	71.28	-50.92	122.20	250	250	Peak
3		5855.000	64.42	2.28	66.69	-44.11	110.80	250	250	Peak
4		5875.000	60.24	2.31	62.55	-42.65	105.20	250	250	Peak
5		5925.000	56.02	2.38	58.41	-9.79	68.20	250	250	Peak
6	*	5985.050	56.78	2.48	59.26	-8.94	68.20	250	250	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

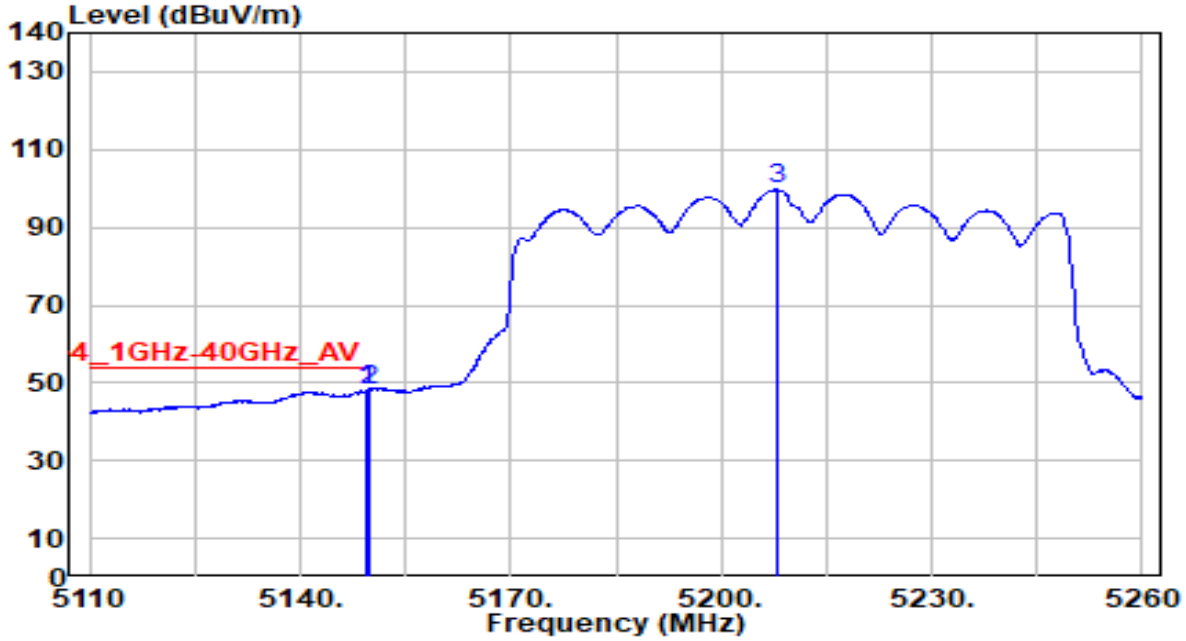


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.800	63.87	0.79	64.65	-9.35	74.00	230	120	Peak
2		5150.000	60.66	0.80	61.46	-12.54	74.00	230	120	Peak
3		5206.600	112.33	0.85	113.18	N/A	N/A	230	120	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

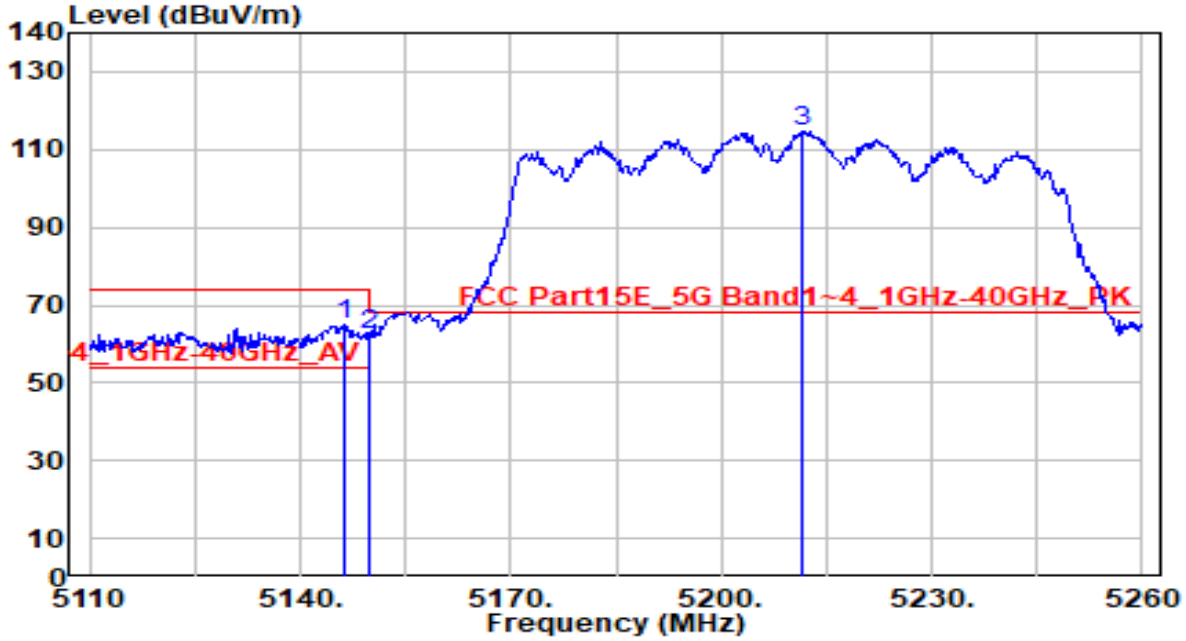


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.450	47.08	0.80	47.87	-6.13	54.00	230	120	Average
2	*	5150.000	47.46	0.80	48.26	-5.74	54.00	230	120	Average
3		5207.950	98.81	0.84	99.66	N/A	N/A	230	120	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

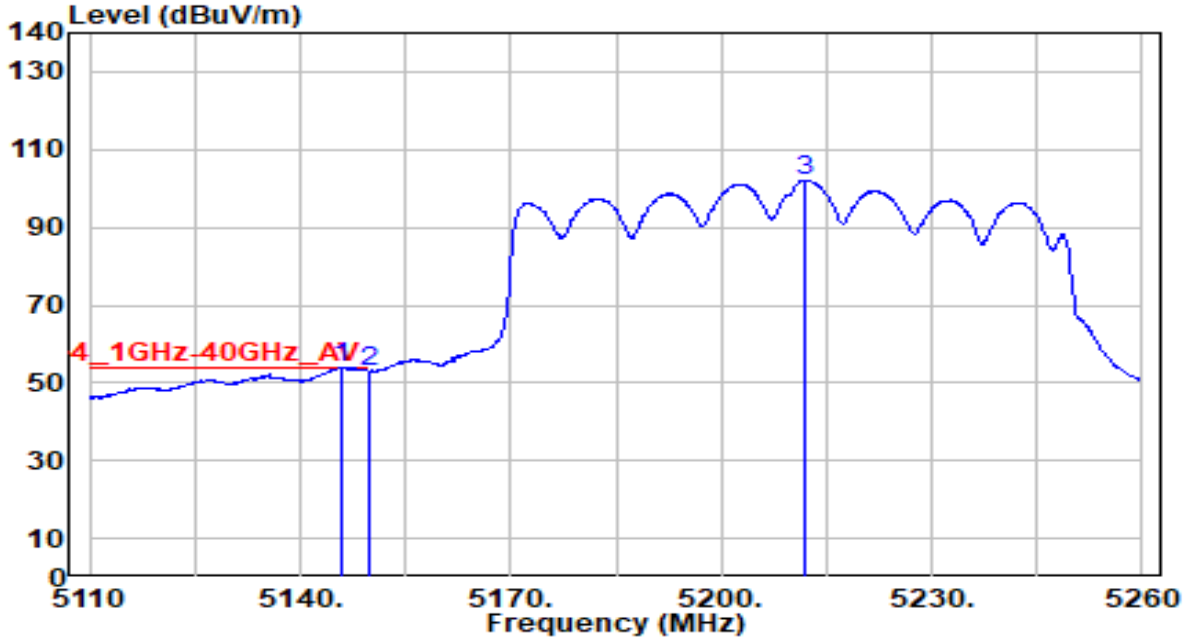


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.150	64.04	0.79	64.83	-9.17	74.00	300	125	Peak
2		5150.000	61.42	0.80	62.21	-11.79	74.00	300	125	Peak
3		5211.400	113.73	0.84	114.56	N/A	N/A	300	125	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

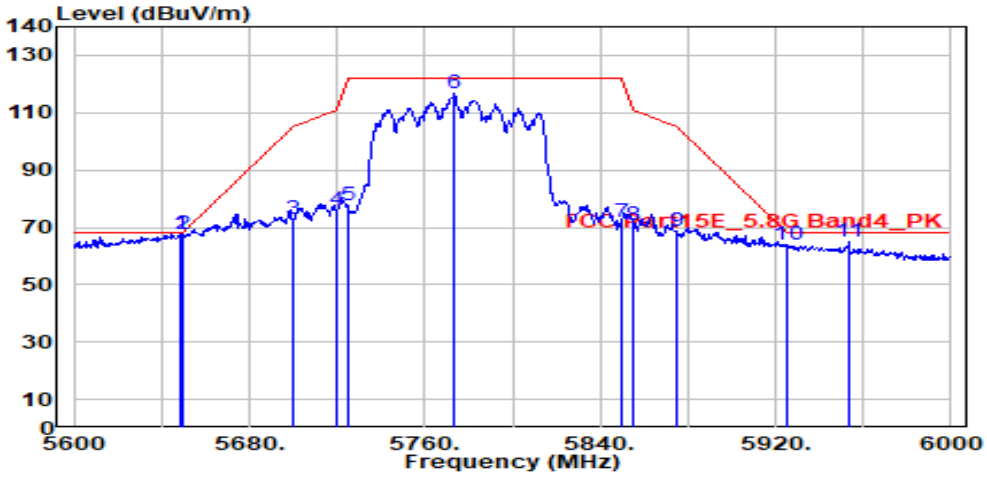


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.000	53.14	0.79	53.93	-0.07	54.00	300	125	Average
2		5150.000	51.98	0.80	52.78	-1.22	54.00	300	125	Average
3		5212.000	101.21	0.84	102.05	N/A	N/A	300	125	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Xuan
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

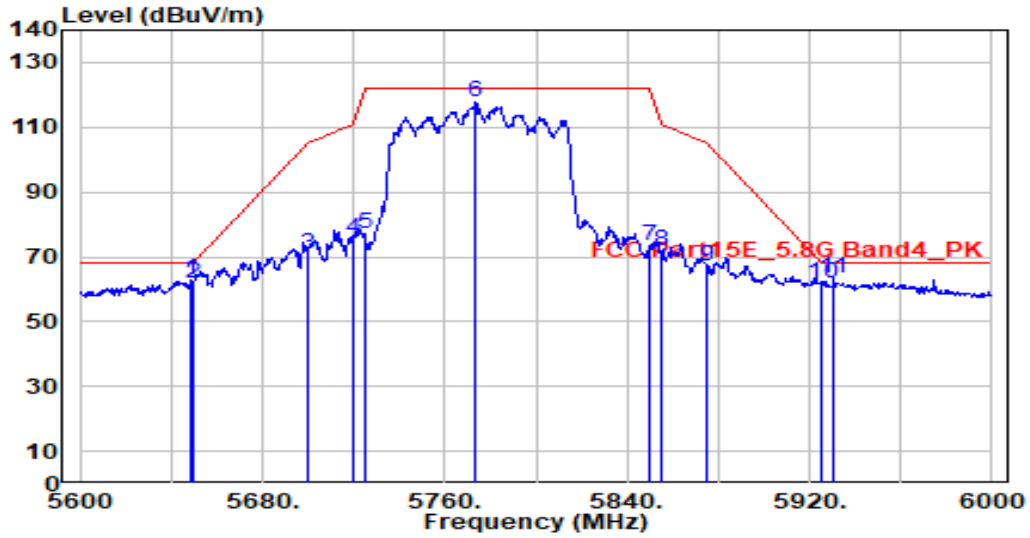


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.400	66.20	1.58	67.78	-0.42	68.20	265	140	Peak
2		5650.000	65.78	1.59	67.37	-0.83	68.20	265	140	Peak
3		5700.000	71.29	1.79	73.08	-32.12	105.20	265	140	Peak
4		5720.000	74.11	1.87	75.98	-34.82	110.80	265	140	Peak
5		5725.000	75.78	1.89	77.67	-44.53	122.20	265	140	Peak
6		5773.600	114.91	2.09	116.99	N/A	N/A	265	140	Peak
7		5850.000	69.33	2.27	71.60	-50.60	122.20	265	140	Peak
8		5855.000	68.35	2.28	70.63	-40.17	110.80	265	140	Peak
9		5875.000	66.25	2.31	68.56	-36.64	105.20	265	140	Peak
10		5925.000	61.41	2.38	63.80	-4.40	68.20	265	140	Peak
11		5953.600	62.50	2.43	64.93	-3.27	68.20	265	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-23
Factor	DRH18-E	Temp. / Humidity	25°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Xuan
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		5648.800	61.52	1.58	63.10	-5.10	68.20	250	255	Peak
2		5650.000	60.29	1.59	61.87	-6.33	68.20	250	255	Peak
3		5700.000	69.23	1.79	71.02	-34.18	105.20	250	255	Peak
4		5720.000	73.92	1.87	75.79	-35.01	110.80	250	255	Peak
5		5725.000	75.08	1.89	76.97	-45.23	122.20	250	255	Peak
6		5773.600	115.68	2.09	117.76	N/A	N/A	250	255	Peak
7		5850.000	70.95	2.27	73.22	-48.98	122.20	250	255	Peak
8		5855.000	69.55	2.28	71.82	-38.98	110.80	250	255	Peak
9		5875.000	64.81	2.31	67.12	-38.08	105.20	250	255	Peak
10		5925.000	59.34	2.38	61.73	-6.47	68.20	250	255	Peak
11	*	5930.400	61.08	2.39	63.47	-4.73	68.20	250	255	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB)+ 10dB 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.

7.10.AC Conducted Emissions Measurement

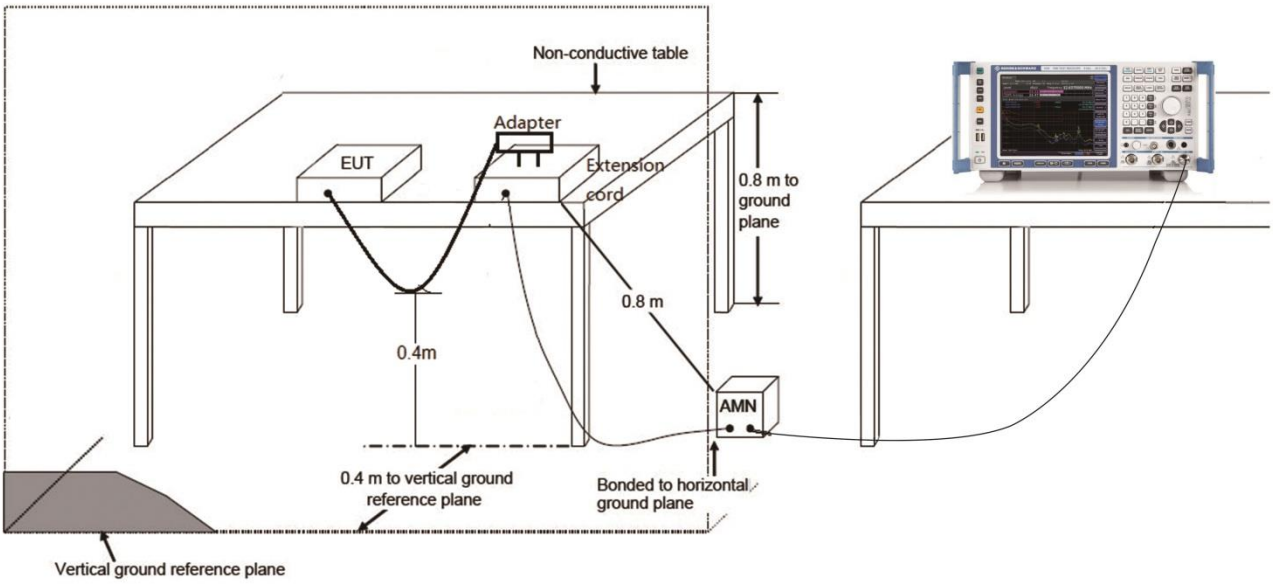
7.10.1.Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

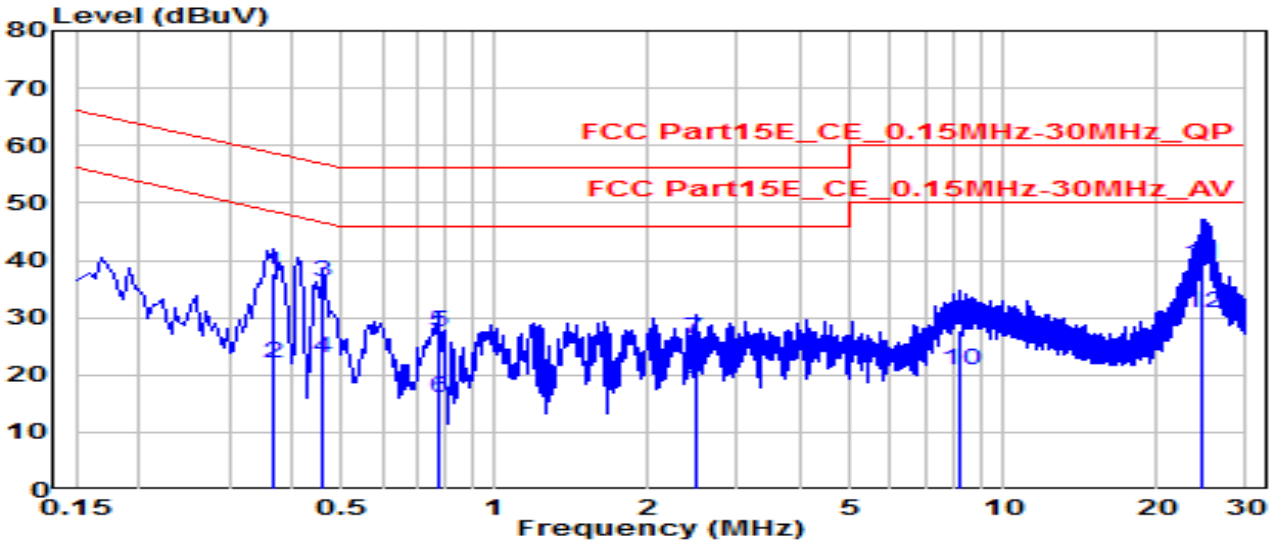
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.10.2.Test Setup



7.10.3.Test Result

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-21
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24.1°C /48%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.366	28.05	9.63	37.68	-20.91	58.59	QP
2		0.366	12.29	9.63	21.92	-26.67	48.59	Average
3		0.460	26.53	9.64	36.16	-20.52	56.68	QP
4		0.460	13.38	9.64	23.02	-23.67	46.68	Average
5		0.771	17.73	9.66	27.39	-28.61	56.00	QP
6		0.771	6.25	9.66	15.91	-30.09	46.00	Average
7		2.472	16.70	9.70	26.40	-29.60	56.00	QP
8		2.472	9.70	9.70	19.40	-26.60	46.00	Average
9		8.177	17.81	9.82	27.63	-32.37	60.00	QP
10		8.177	10.98	9.82	20.80	-29.20	50.00	Average
11	*	24.538	29.20	9.91	39.11	-20.89	60.00	QP
12	*	24.538	20.76	9.91	30.67	-19.33	50.00	Average

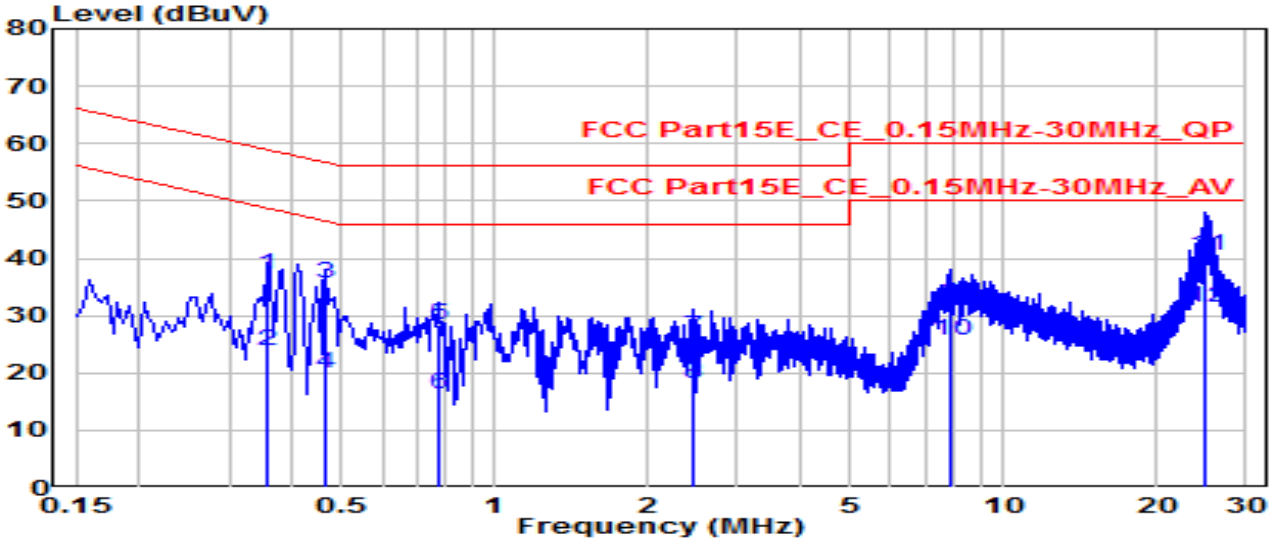
Note:

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

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

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

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-21
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24.1°C /48%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

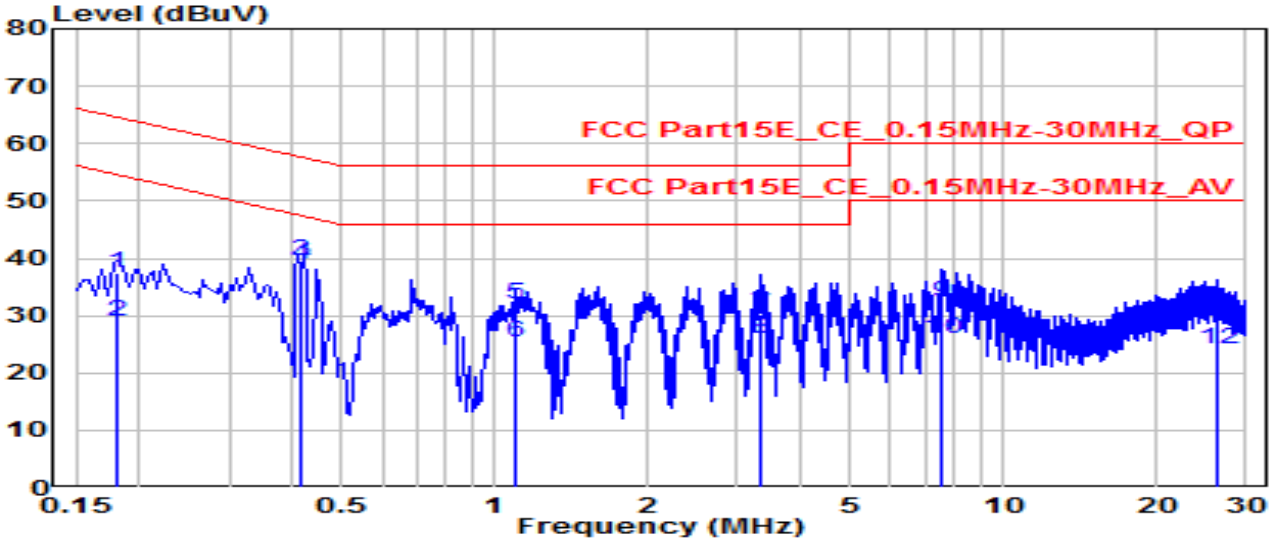


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.357	27.55	9.63	37.18	-21.62	58.80	QP
2		0.357	14.31	9.63	23.94	-24.86	48.80	Average
3		0.465	26.08	9.64	35.72	-20.89	56.60	QP
4		0.465	10.18	9.64	19.82	-26.78	46.60	Average
5		0.775	18.84	9.66	28.50	-27.50	56.00	QP
6		0.775	6.62	9.66	16.28	-29.72	46.00	Average
7		2.467	16.45	9.70	26.15	-29.85	56.00	QP
8		2.467	8.45	9.70	18.15	-27.85	46.00	Average
9		7.831	22.29	9.82	32.11	-27.89	60.00	QP
10		7.831	15.96	9.82	25.78	-24.22	50.00	Average
11	*	25.024	30.44	10.02	40.46	-19.54	60.00	QP
12	*	25.024	21.52	10.02	31.54	-18.46	50.00	Average

Note:

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

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-21
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24.1°C /48%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.181	27.78	9.62	37.40	-27.01	64.42	QP
2		0.181	19.25	9.62	28.88	-25.54	54.42	Average
3	*	0.415	29.98	9.64	39.61	-17.93	57.54	QP
4	*	0.415	29.29	9.64	38.92	-8.62	47.54	Average
5		1.095	22.46	9.67	32.13	-23.87	56.00	QP
6		1.095	15.66	9.67	25.33	-20.67	46.00	Average
7		3.318	20.41	9.72	30.12	-25.88	56.00	QP
8		3.318	16.18	9.72	25.90	-20.10	46.00	Average
9		7.543	22.55	9.80	32.35	-27.65	60.00	QP
10		7.543	16.18	9.80	25.98	-24.02	50.00	Average
11		26.472	19.88	9.91	29.79	-30.21	60.00	QP
12		26.472	14.34	9.91	24.26	-25.74	50.00	Average

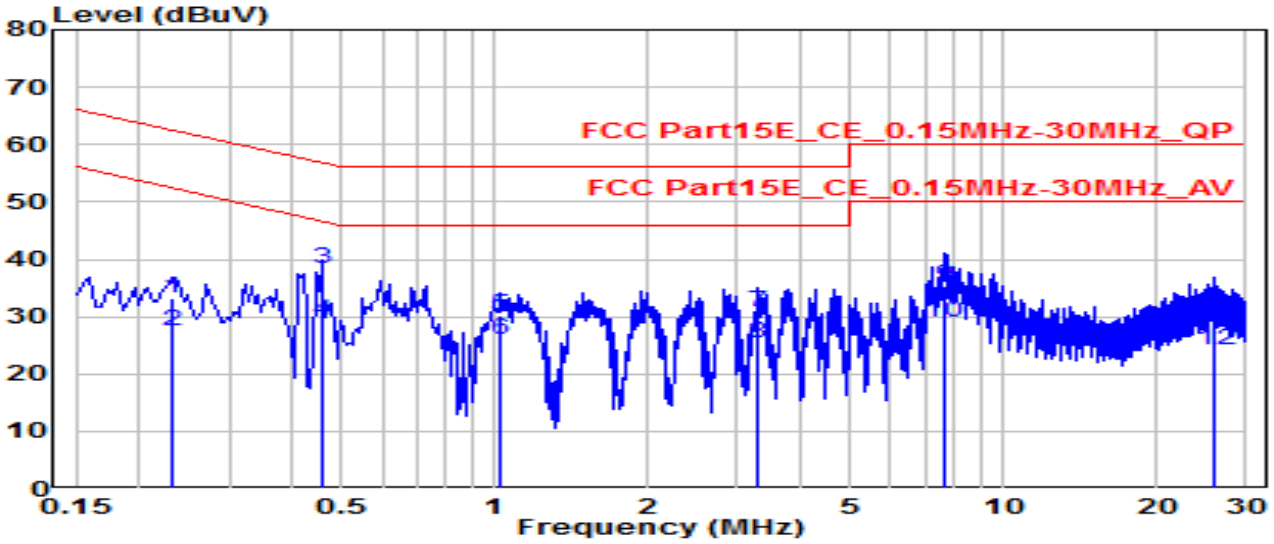
Note:

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

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

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

EUT	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Date of Test	2022-09-21
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24.1°C /48%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.231	23.67	9.62	33.30	-29.12	62.41	QP
2		0.231	17.87	9.62	27.50	-24.91	52.41	Average
3	*	0.456	28.71	9.64	38.35	-18.42	56.77	QP
4	*	0.456	19.58	9.64	29.22	-17.54	46.77	Average
5		1.027	20.39	9.67	30.06	-25.94	56.00	QP
6		1.027	16.21	9.67	25.88	-20.12	46.00	Average
7		3.286	21.02	9.72	30.74	-25.26	56.00	QP
8		3.286	15.61	9.72	25.33	-20.67	46.00	Average
9		7.615	25.66	9.81	35.47	-24.53	60.00	QP
10		7.615	19.17	9.81	28.99	-21.01	50.00	Average
11		26.072	19.59	10.02	29.62	-30.38	60.00	QP
12		26.072	14.05	10.02	24.07	-25.93	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = 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 “2208TW0115-Setup Photo” file.

Appendix B : External Photograph

Refer to “2208TW0115-External Photo” file.

Appendix C : Internal Photograph

Refer to “2208TW0115-Internal Photo” file.