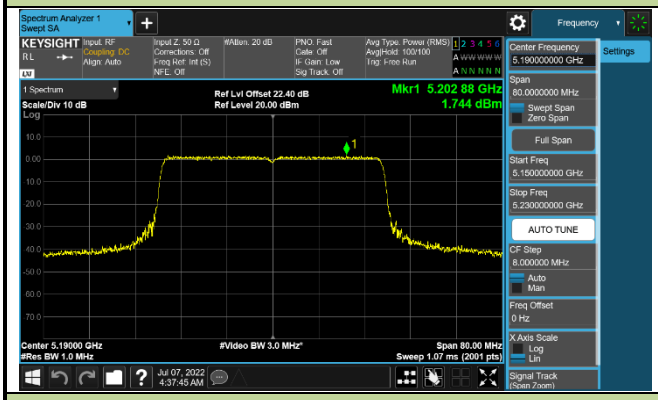
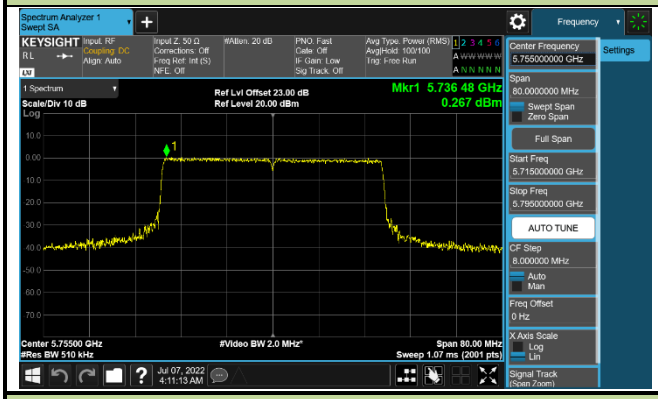
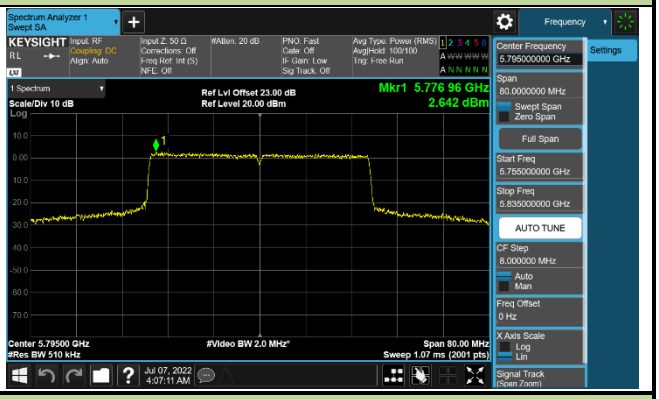
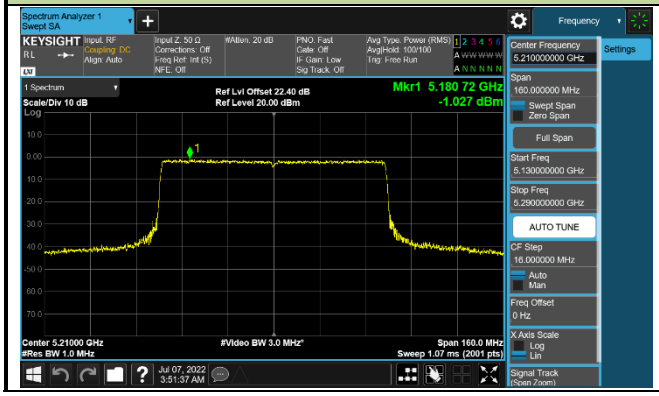
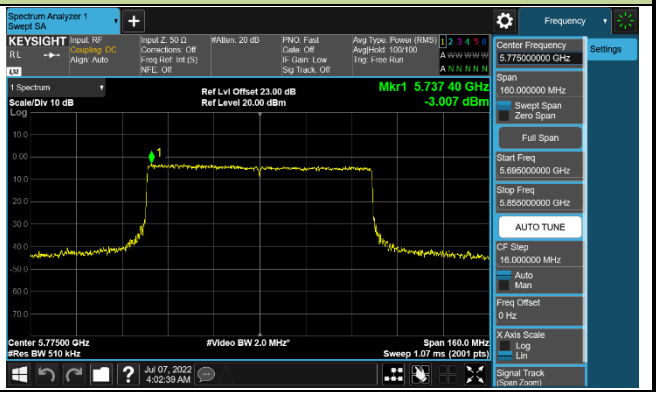
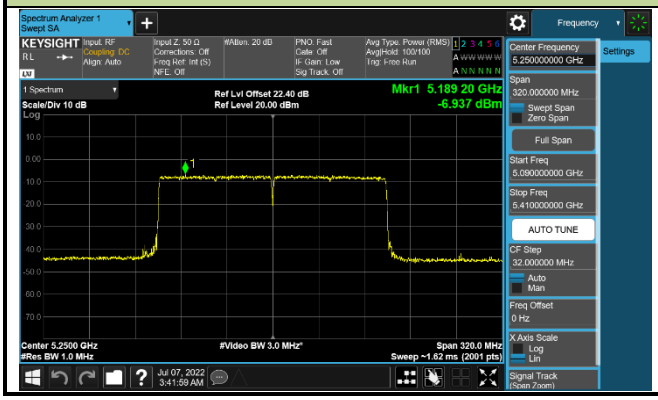
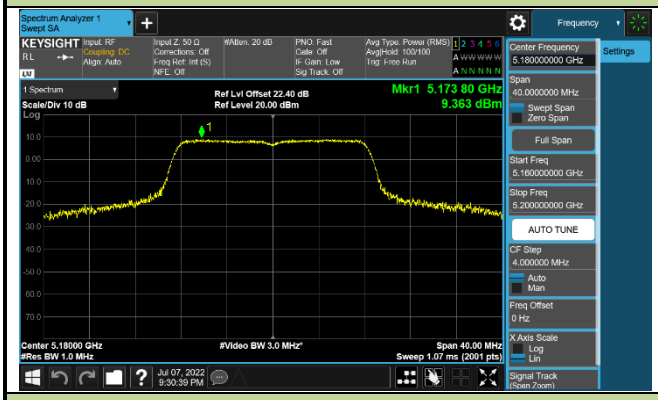
802.11ax-HE40 Power Spectral Density - Ant 0	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density - Ant 0	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

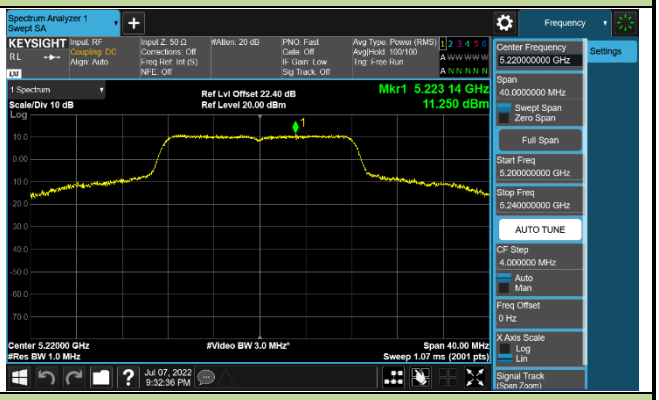
802.11ax-HE160 Power Spectral Density - Ant 0	
Channel 50 (5250MHz)	
	

802.11a Power Spectral Density - Ant 1

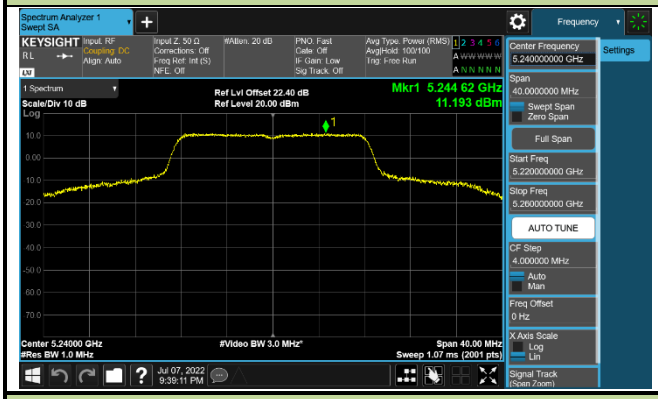
Channel 36 (5180MHz)



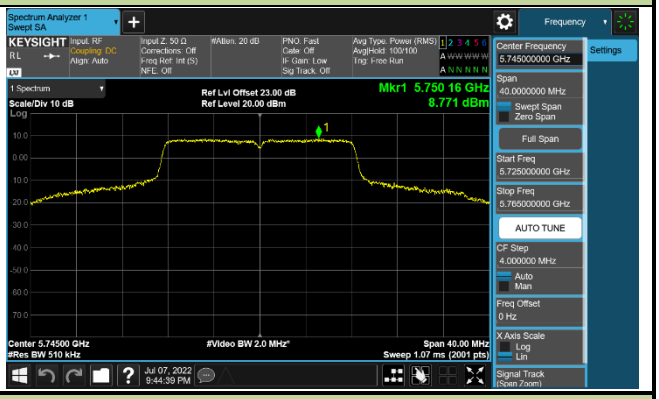
Channel 44 (5220MHz)



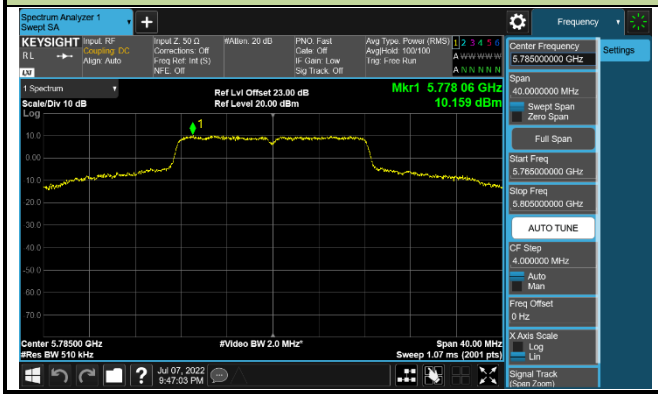
Channel 48 (5240MHz)



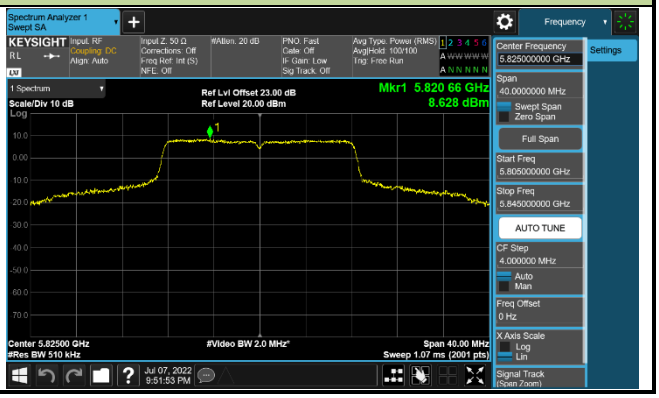
Channel 149 (5745MHz)

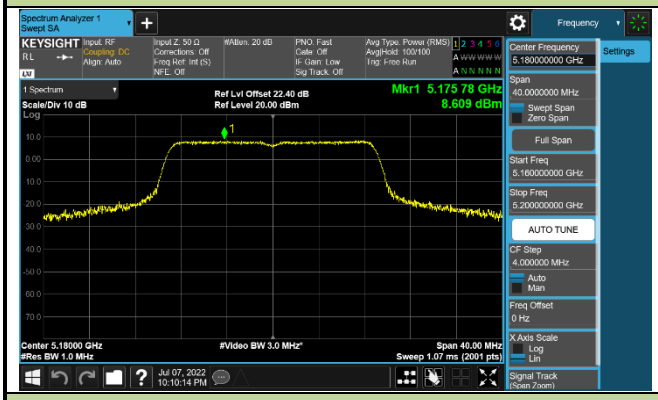
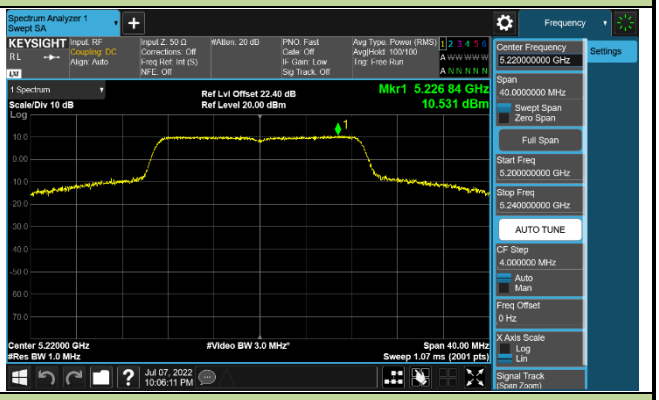
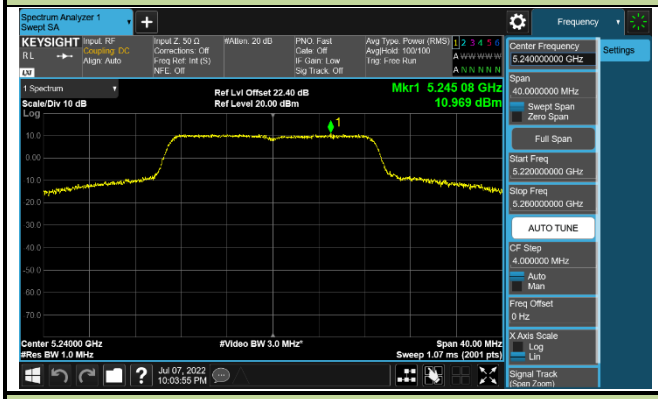
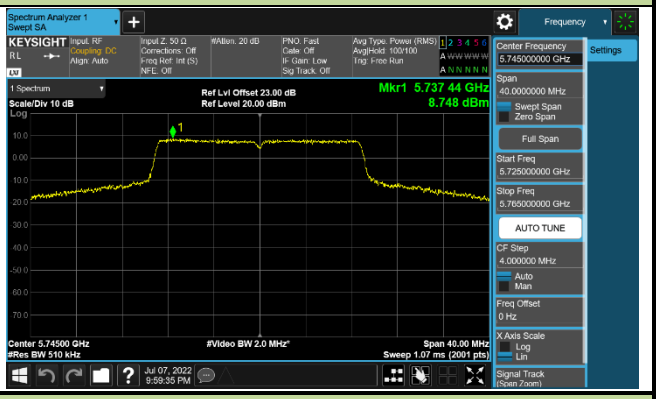
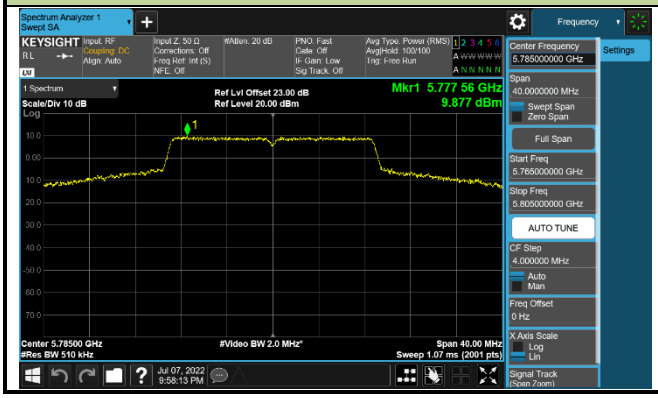
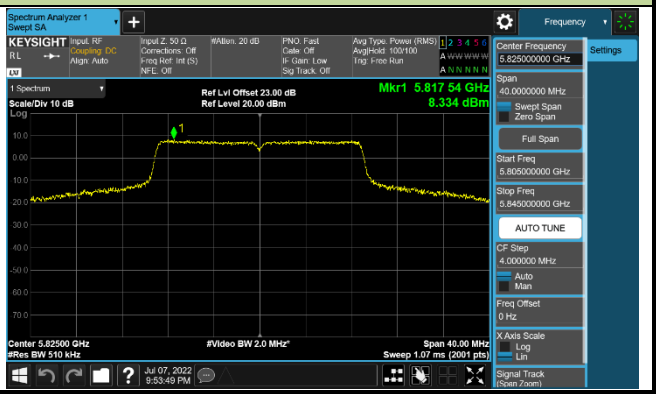


Channel 157 (5785MHz)



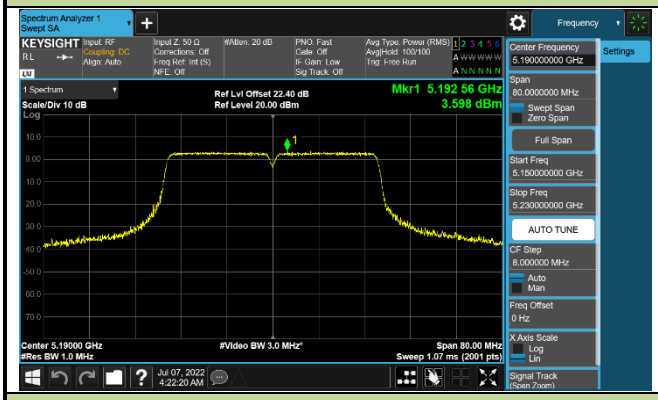
Channel 165 (5825MHz)



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)
	

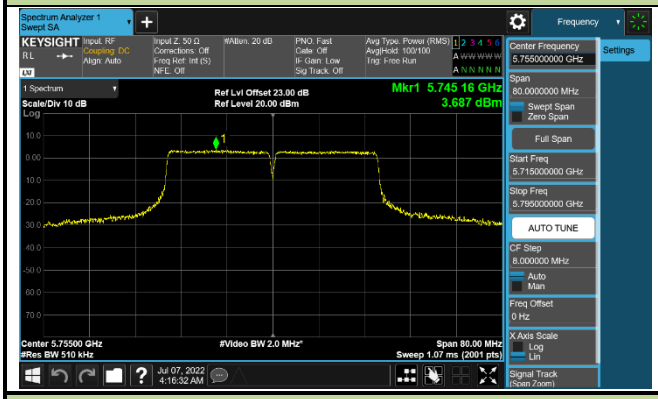
802.11ac-VHT40 Power Spectral Density - Ant 1

Channel 38 (5190MHz)

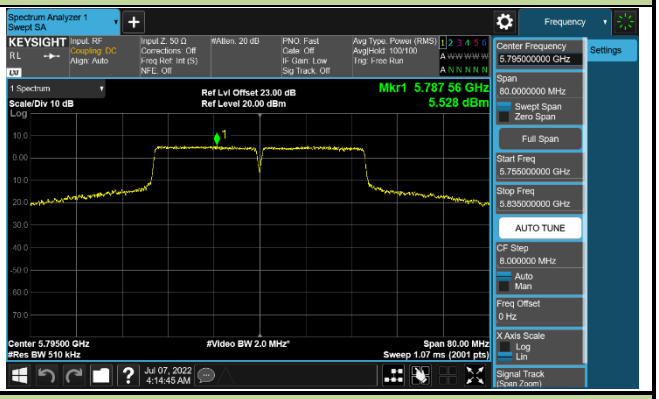


Channel 46 (5230MHz)

Channel 151 (5755MHz)

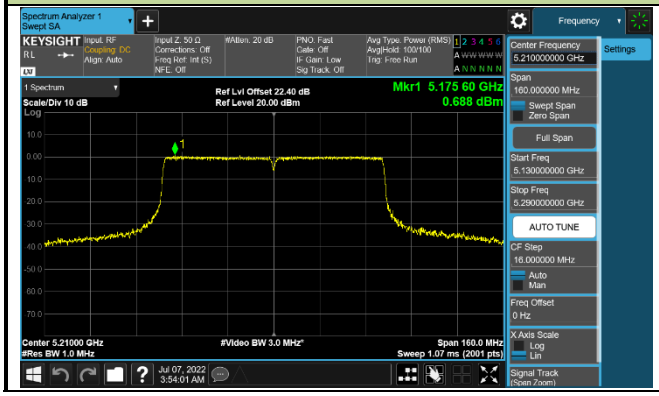


Channel 159 (5795MHz)

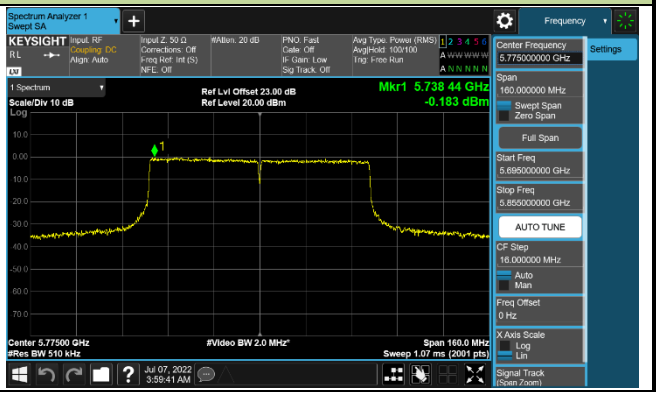


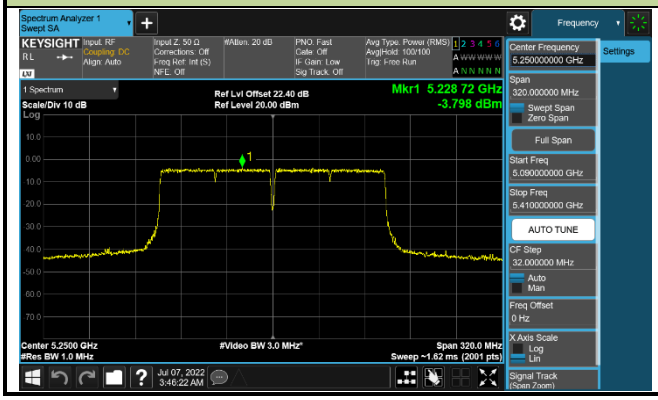
802.11ac-VHT80 Power Spectral Density - Ant 1

Channel 42 (5210MHz)



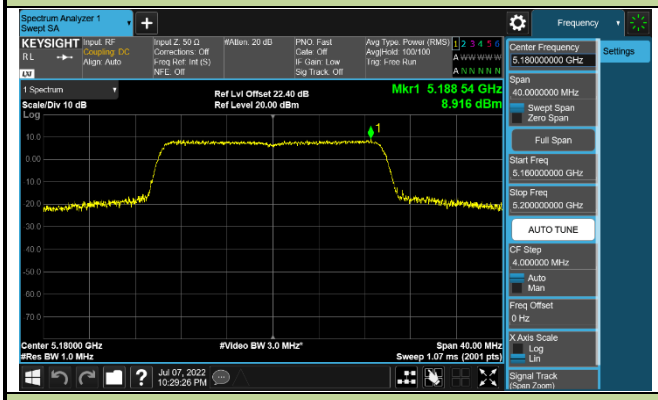
Channel 155 (5775MHz)



802.11ac-VHT160 Power Spectral Density - Ant 1	
Channel 50 (5250MHz)	
	

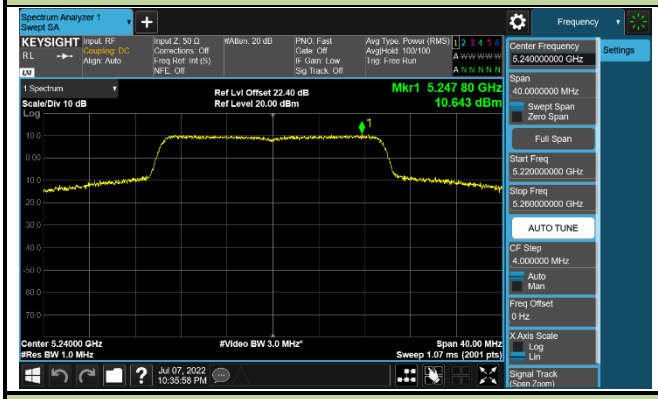
802.11ax-HE20 Power Spectral Density - Ant 1

Channel 36 (5180MHz)

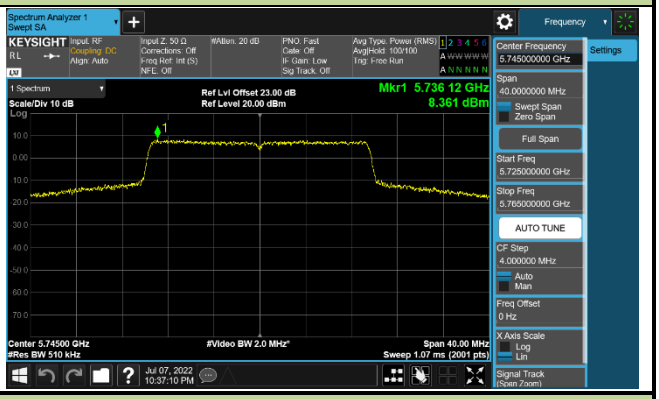


Channel 44 (5220MHz)

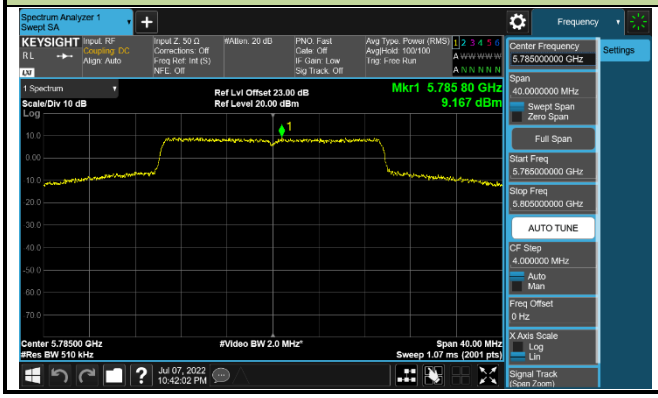
Channel 48 (5240MHz)



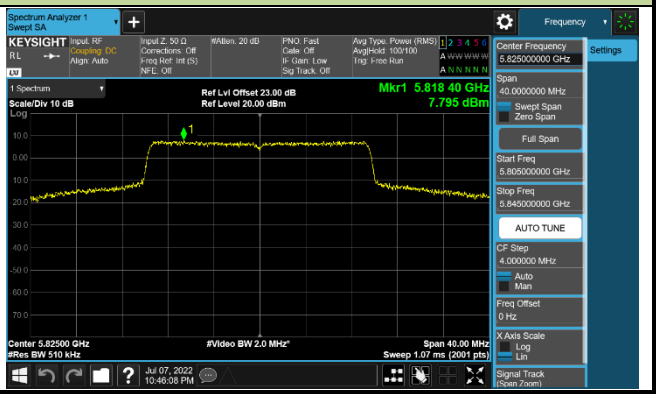
Channel 149 (5745MHz)

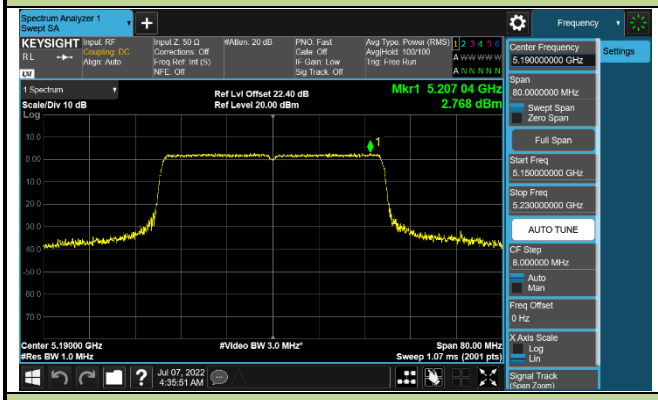
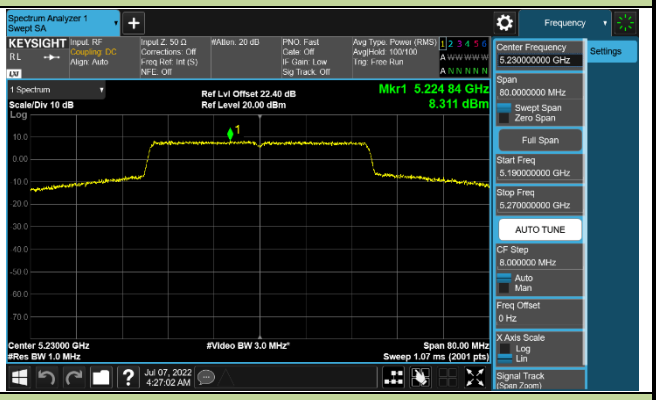
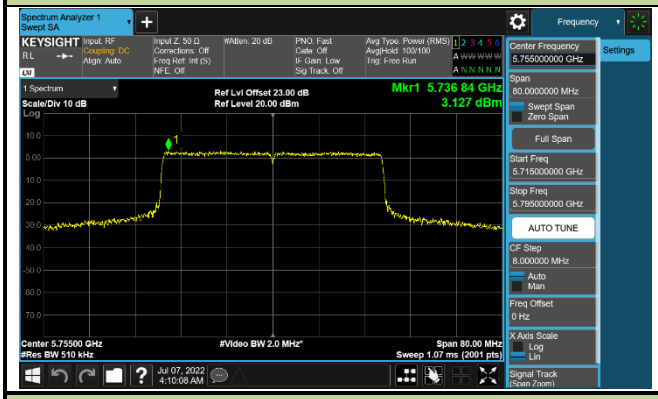
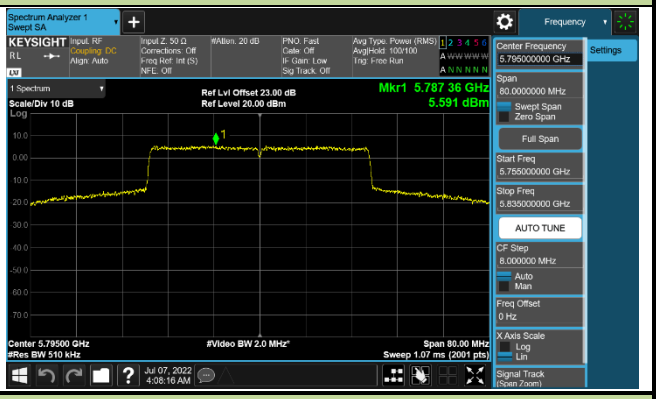


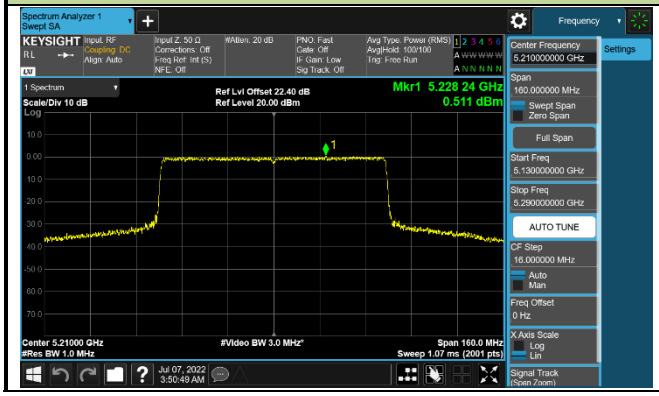
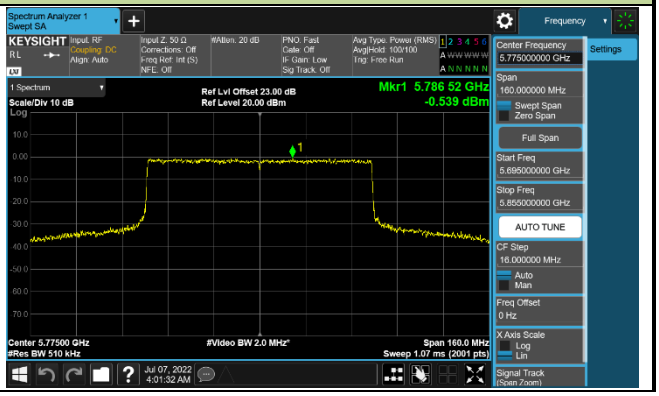
Channel 157 (5785MHz)

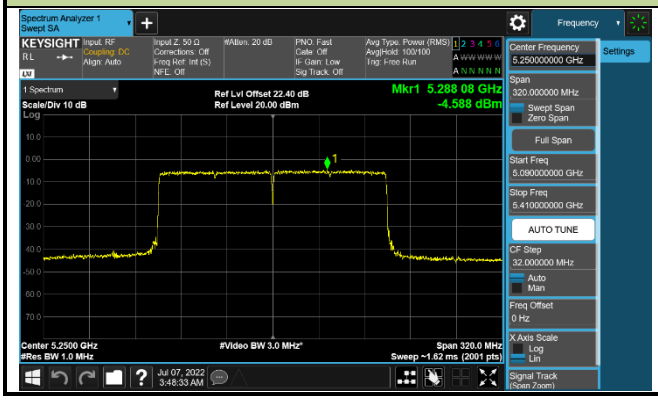


Channel 165 (5825MHz)



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)
	

802.11ax-HE160 Power Spectral Density - Ant 1	
Channel 50 (5250MHz)	
	

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:

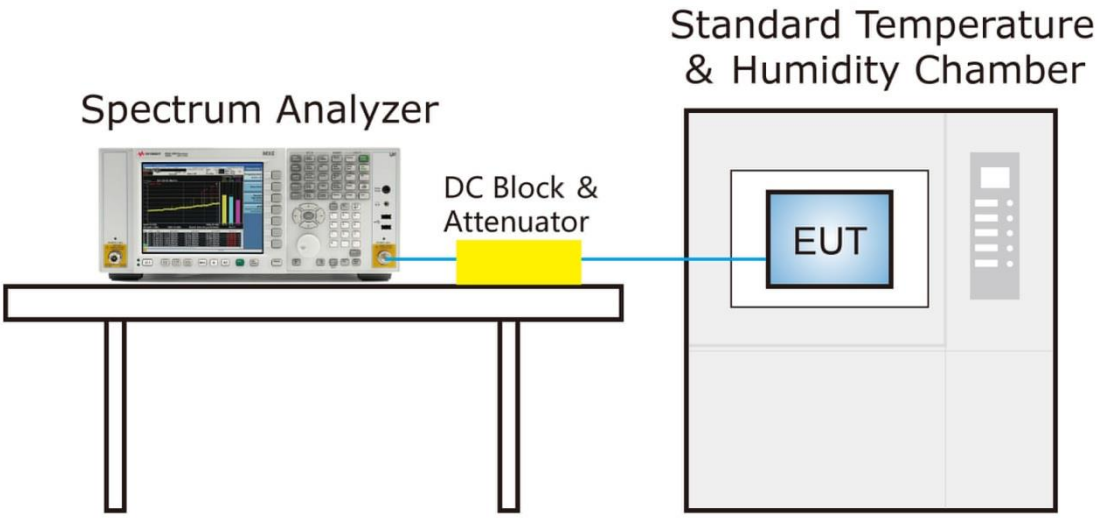
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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

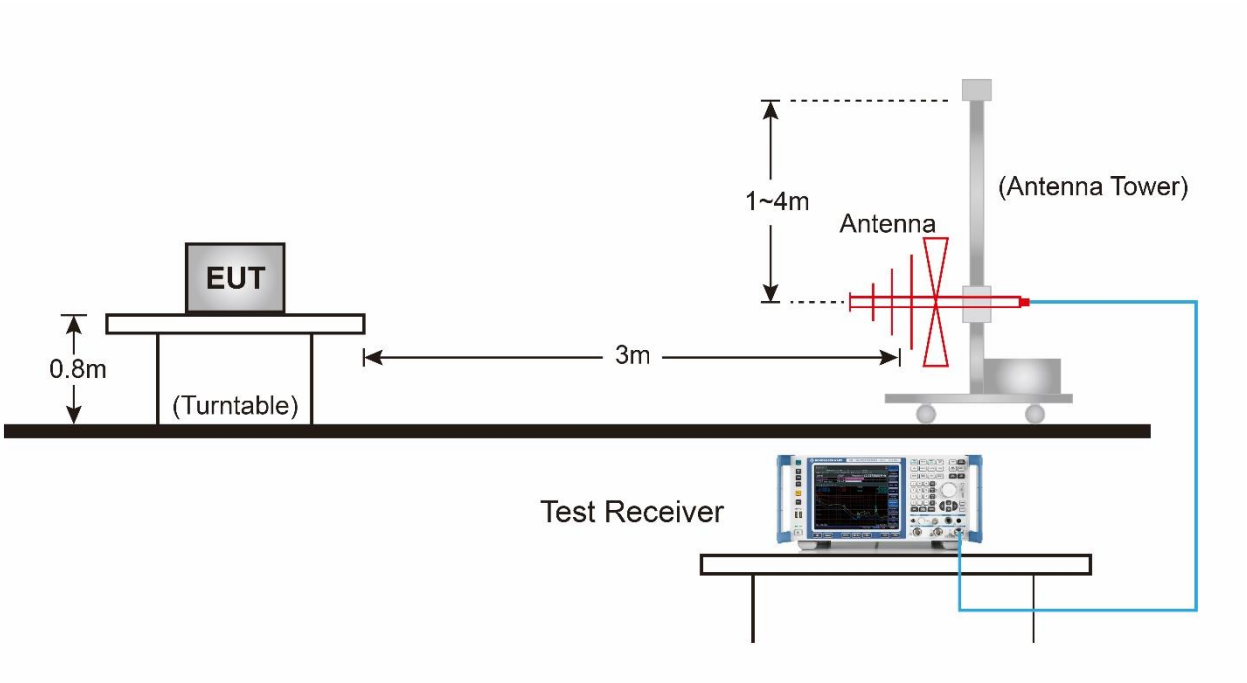
5. Sweep time = auto

6. Trace mode = max hold

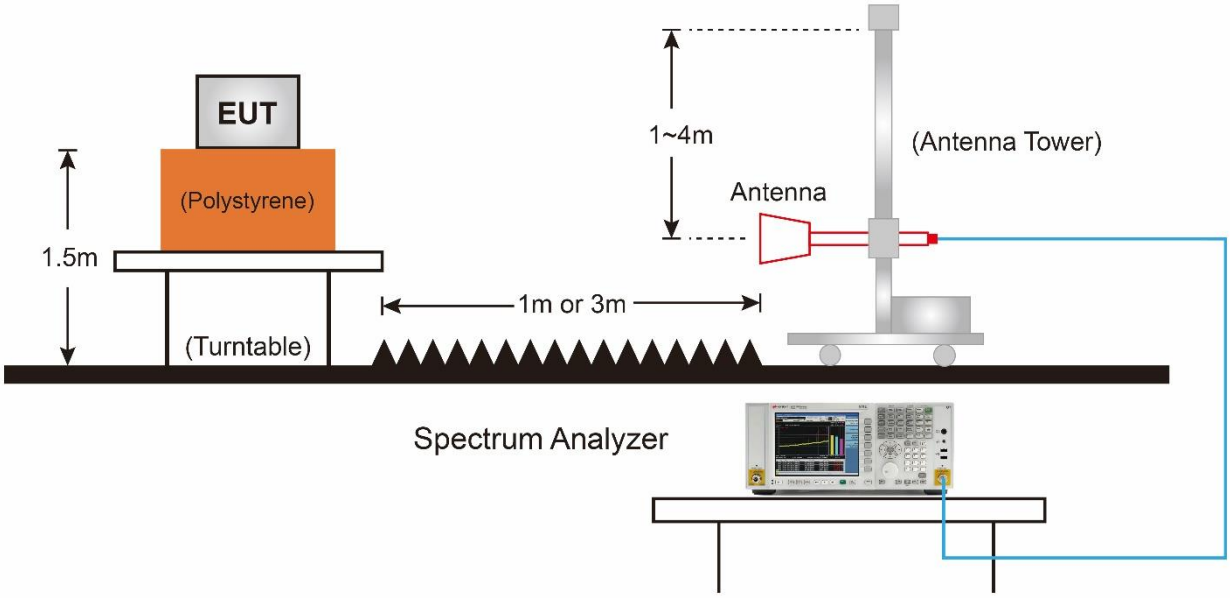
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:

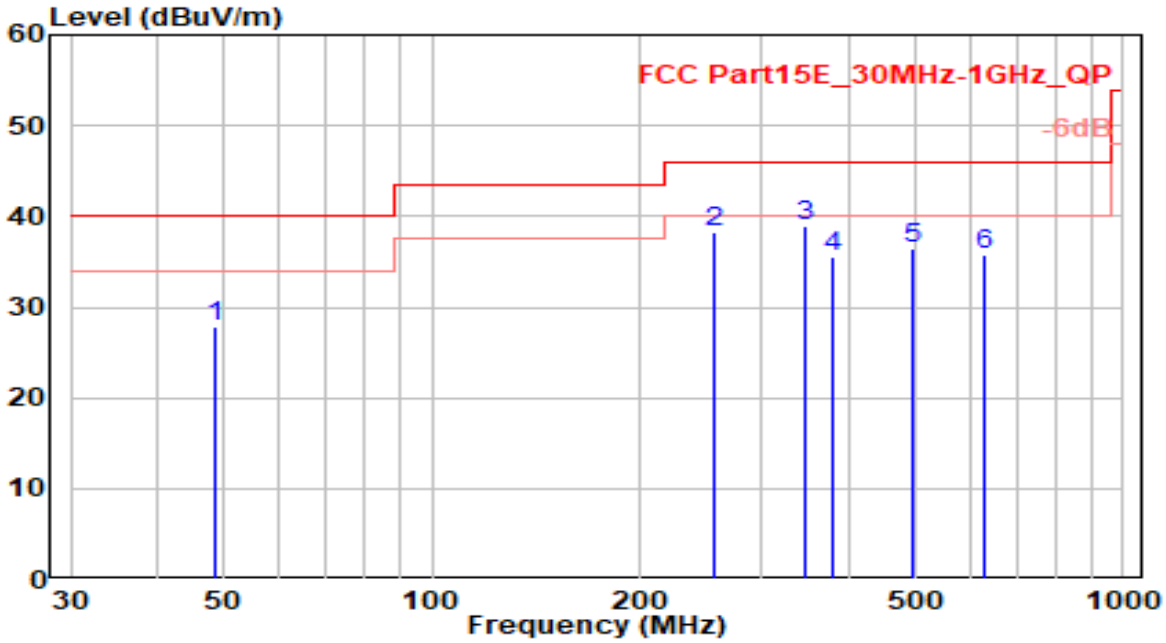


Above 1GHz Test Setup:



7.8.5.Test Result

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	VULB 9162	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Jay
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ ANT 0+1	Test Voltage	AC 120V/60Hz

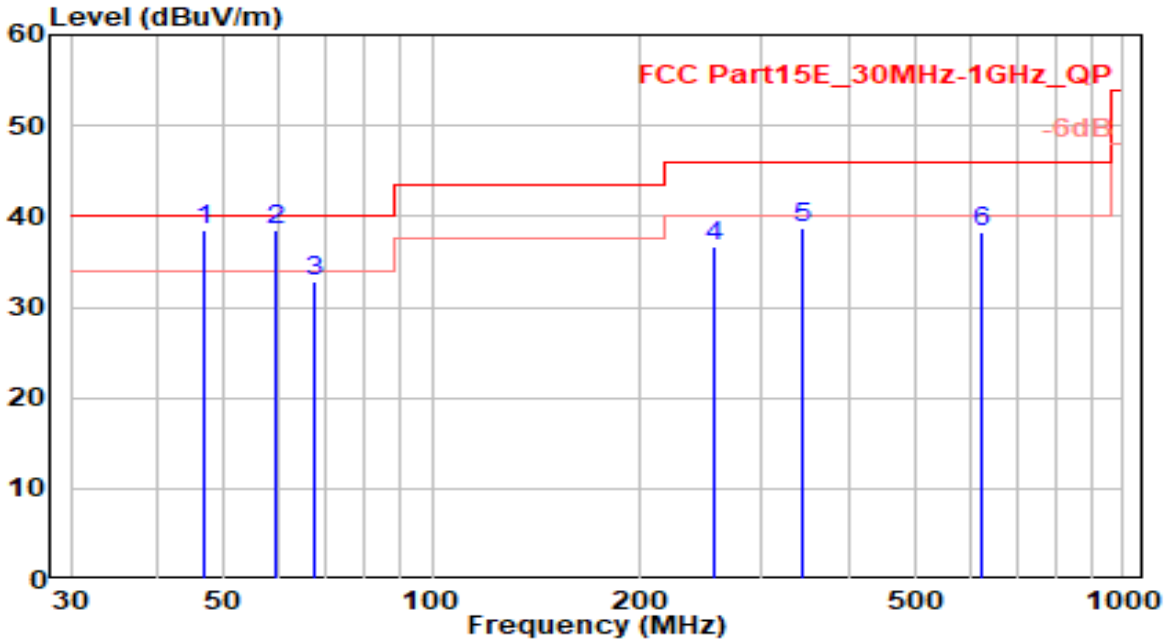


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		48.620	6.22	21.57	27.79	-12.21	40.00	100	110	QP
2		255.460	17.54	20.79	38.32	-7.68	46.00	100	280	QP
3	*	345.290	16.04	22.80	38.84	-7.16	46.00	100	55	QP
4		380.310	11.94	23.61	35.55	-10.45	46.00	100	85	QP
5		495.750	10.78	25.61	36.39	-9.61	46.00	100	195	QP
6		630.830	7.78	27.98	35.76	-10.24	46.00	100	150	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	VULB 9162	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Jay
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ ANT 0+1	Test Voltage	AC 120V/60Hz

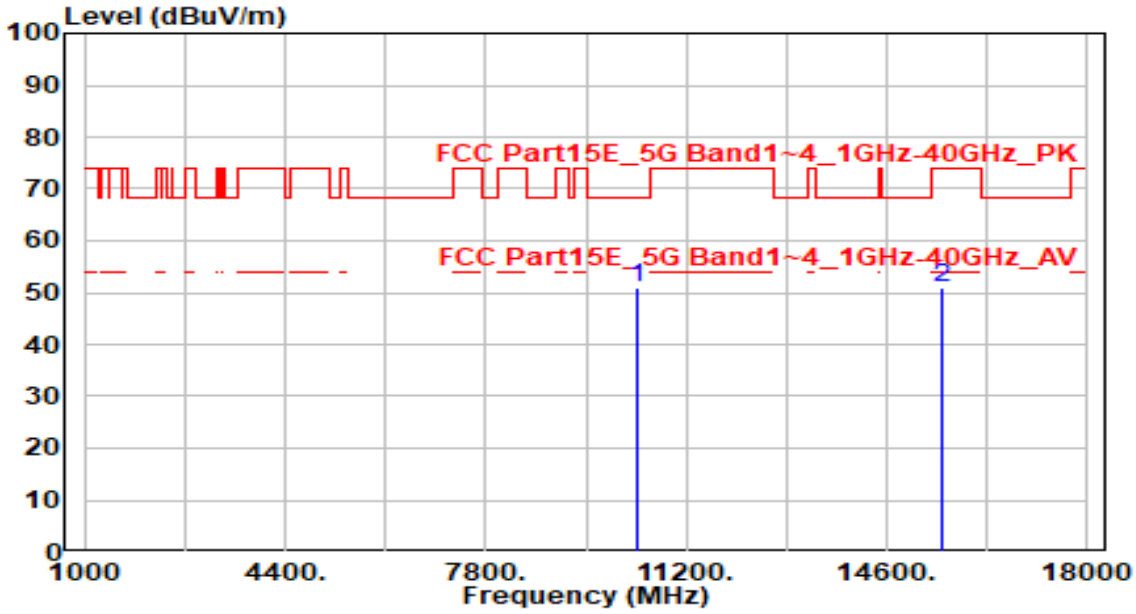


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		46.680	16.94	21.52	38.45	-1.55	40.00	100	0	QP
2	*	59.580	18.43	20.12	38.54	-1.46	40.00	100	10	QP
3		67.680	15.67	17.16	32.83	-7.17	40.00	100	225	QP
4		255.260	15.78	20.79	36.58	-9.42	46.00	100	30	QP
5		344.210	15.90	22.77	38.67	-7.33	46.00	100	180	QP
6		624.440	10.38	27.92	38.31	-7.69	46.00	100	155	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

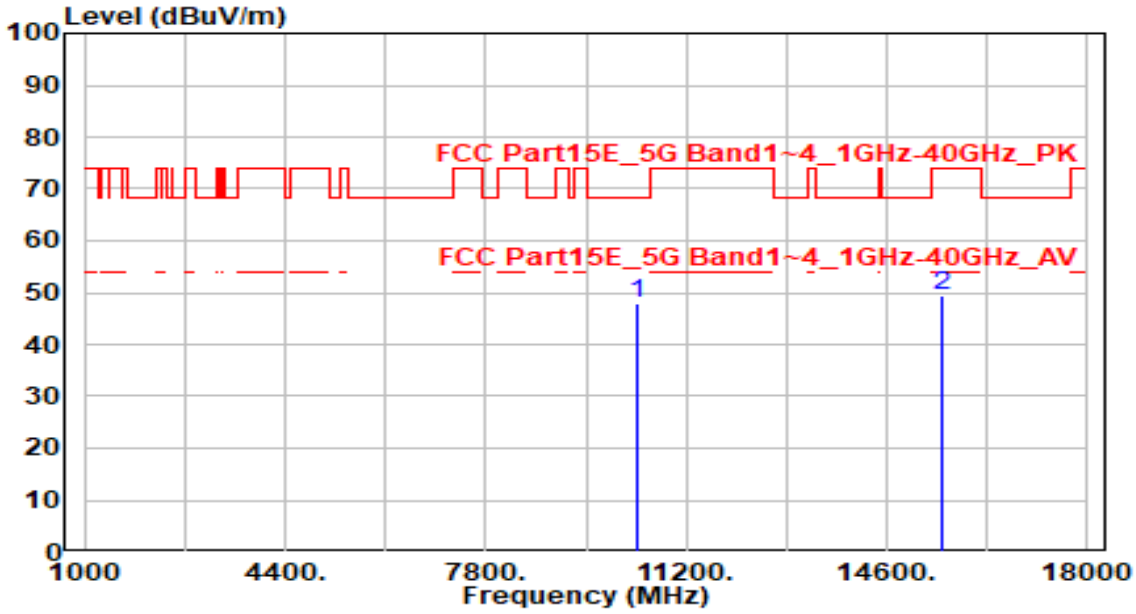


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	45.59	5.29	50.89	-17.31	68.20	100	95	Peak
2		15540.000	44.46	6.41	50.87	-23.13	74.00	200	120	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

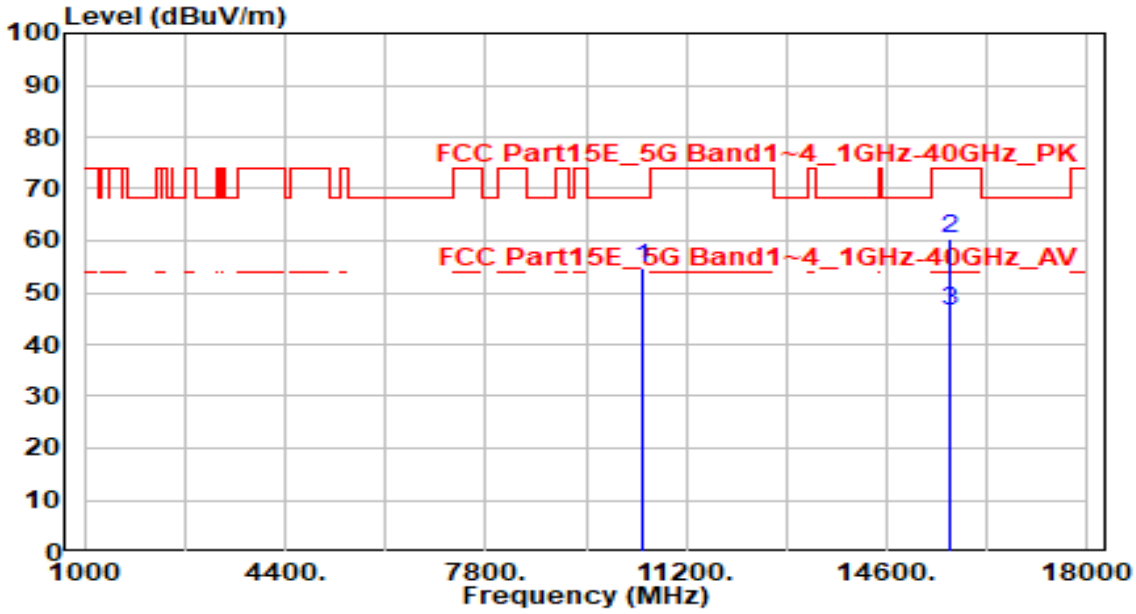


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	42.81	5.29	48.10	-20.10	68.20	300	235	Peak
2		15540.000	43.07	6.41	49.48	-24.52	74.00	100	160	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

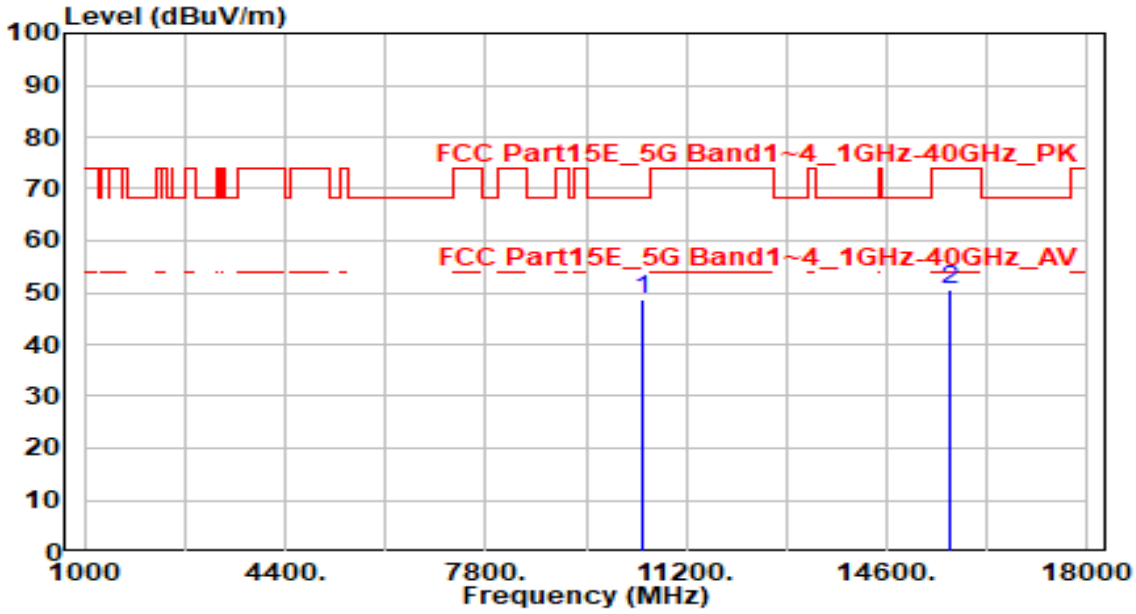


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	49.62	5.28	54.90	-13.30	68.20	100	140	Peak
2	*	15660.000	53.71	6.56	60.27	-13.73	74.00	205	125	Peak
3	*	15660.000	40.00	6.56	46.56	-7.44	54.00	205	125	Average

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

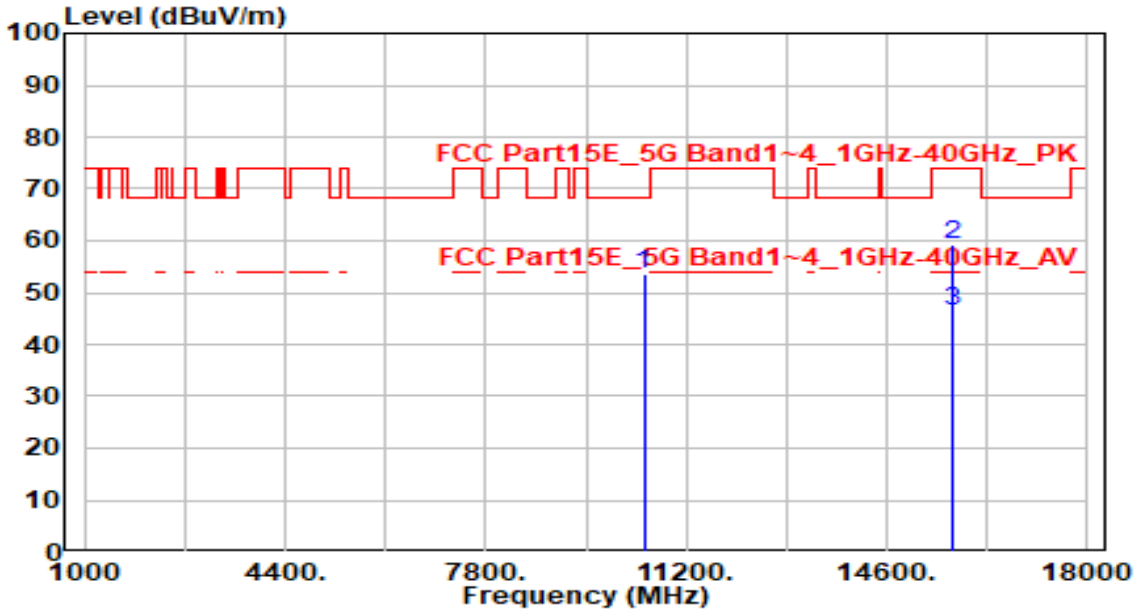


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	43.56	5.28	48.84	-19.36	68.20	100	125	Peak
2		15660.000	43.86	6.56	50.42	-23.58	74.00	100	135	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

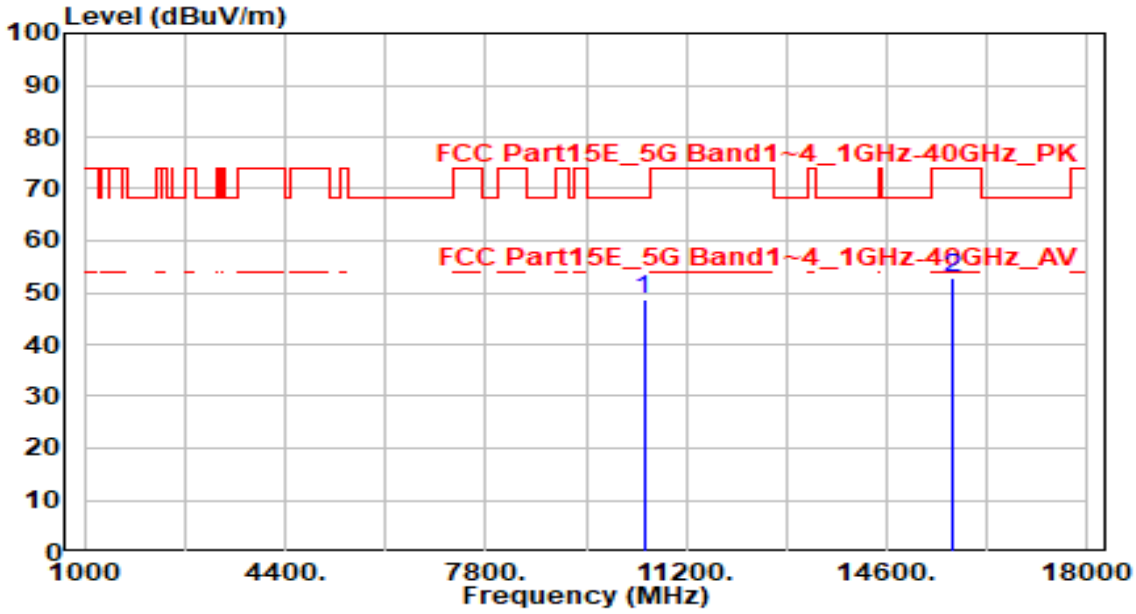


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	48.24	5.26	53.50	-14.70	68.20	100	130	Peak
2	*	15720.000	52.54	6.69	59.23	-14.77	74.00	205	125	Peak
3	*	15720.000	39.89	6.69	46.58	-7.42	54.00	205	125	Average

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

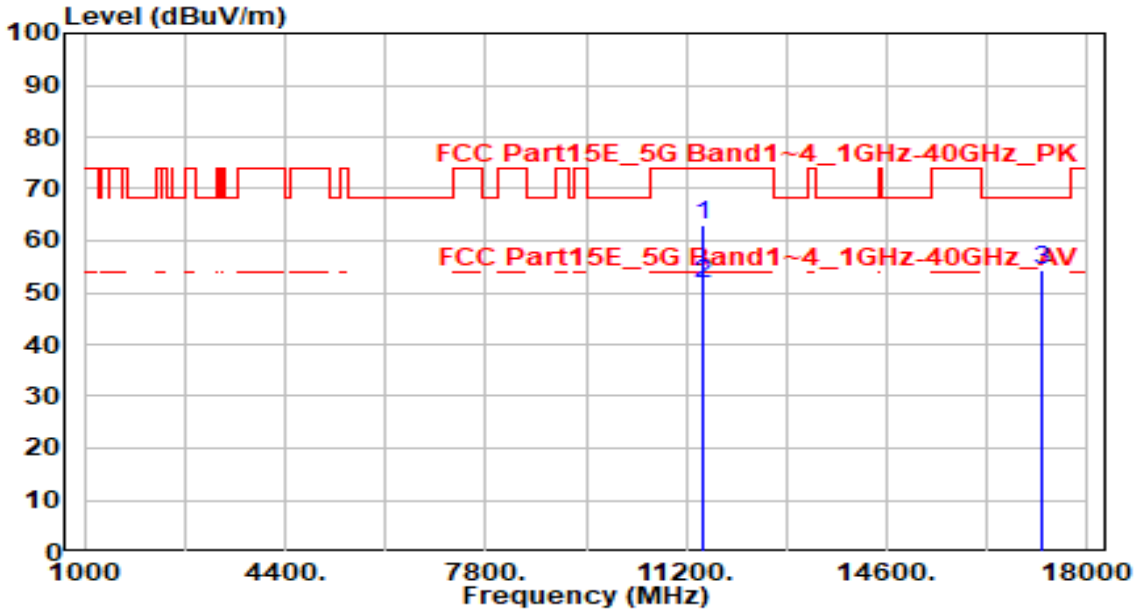


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	43.30	5.26	48.56	-19.64	68.20	100	145	Peak
2		15720.000	46.01	6.69	52.71	-21.29	74.00	100	55	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

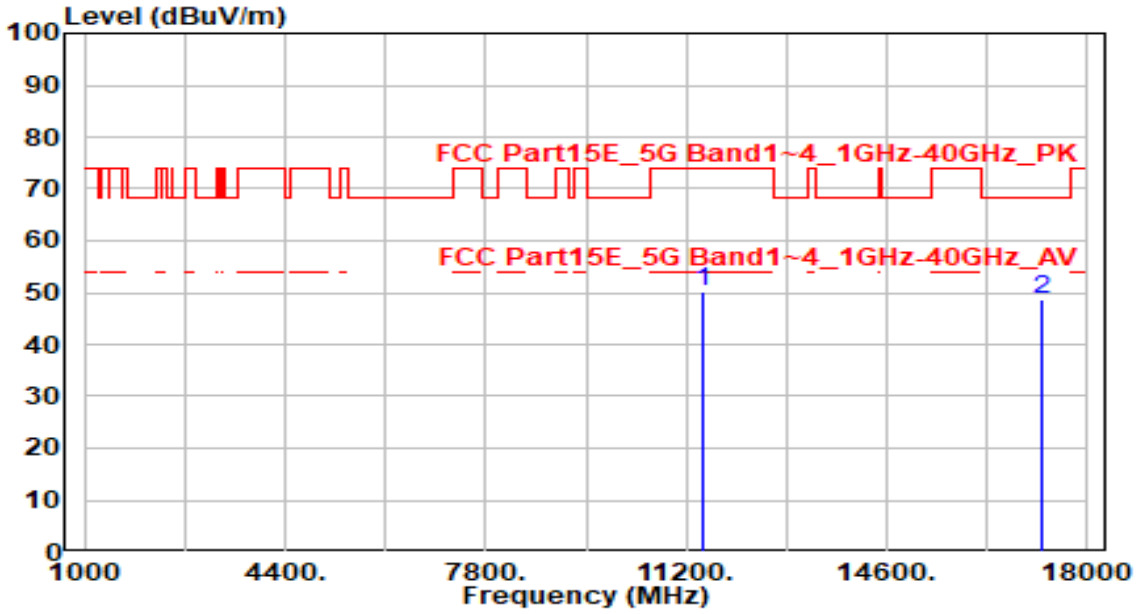


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	57.22	5.94	63.16	-10.84	74.00	205	210	Peak
2	*	11490.000	45.82	5.94	51.76	-2.24	54.00	205	210	Average
3		17235.000	48.70	5.78	54.48	-13.72	68.20	200	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

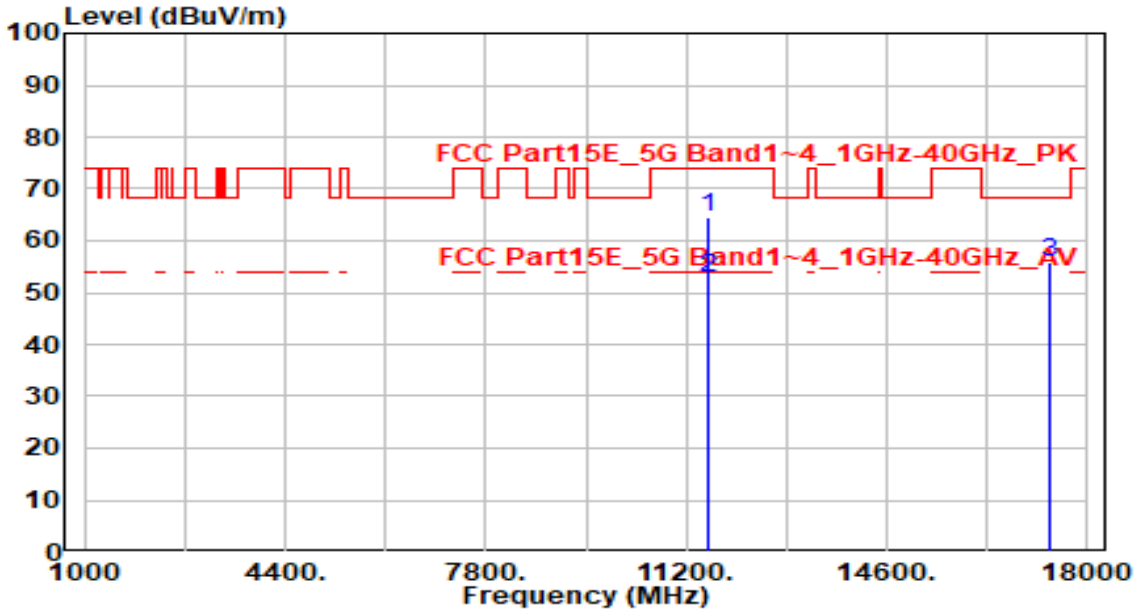


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	44.25	5.94	50.19	-23.81	74.00	100	60	Peak
2	*	17235.000	42.81	5.78	48.59	-19.61	68.20	100	65	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

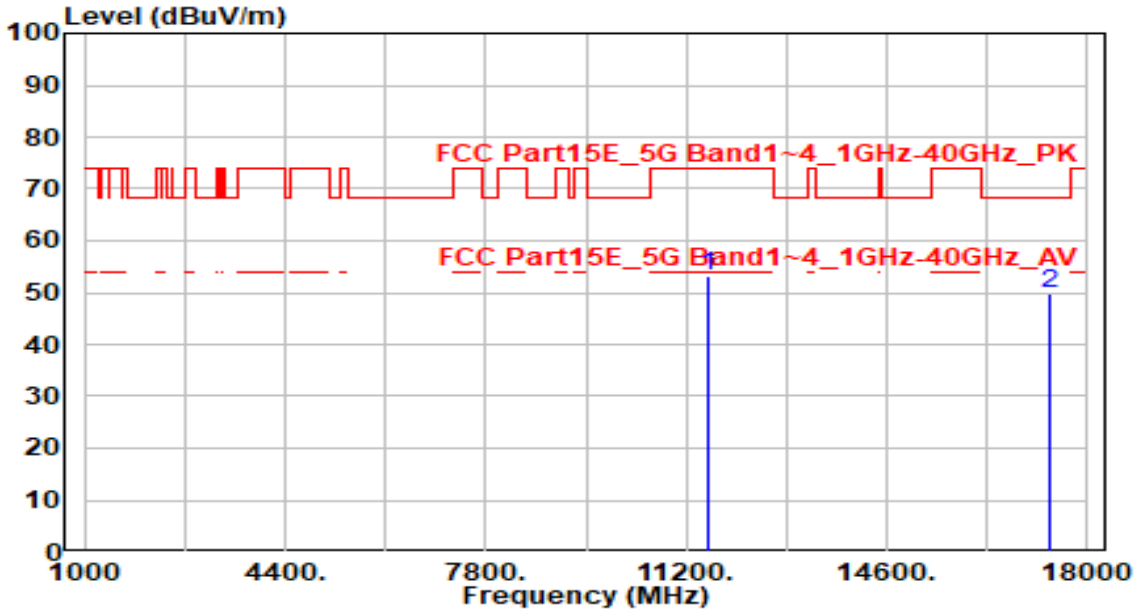


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	58.75	5.91	64.66	-9.34	74.00	215	200	Peak
2	*	11570.000	47.09	5.91	53.00	-1.00	54.00	215	200	Average
3		17355.000	50.17	5.54	55.70	-12.50	68.20	200	150	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

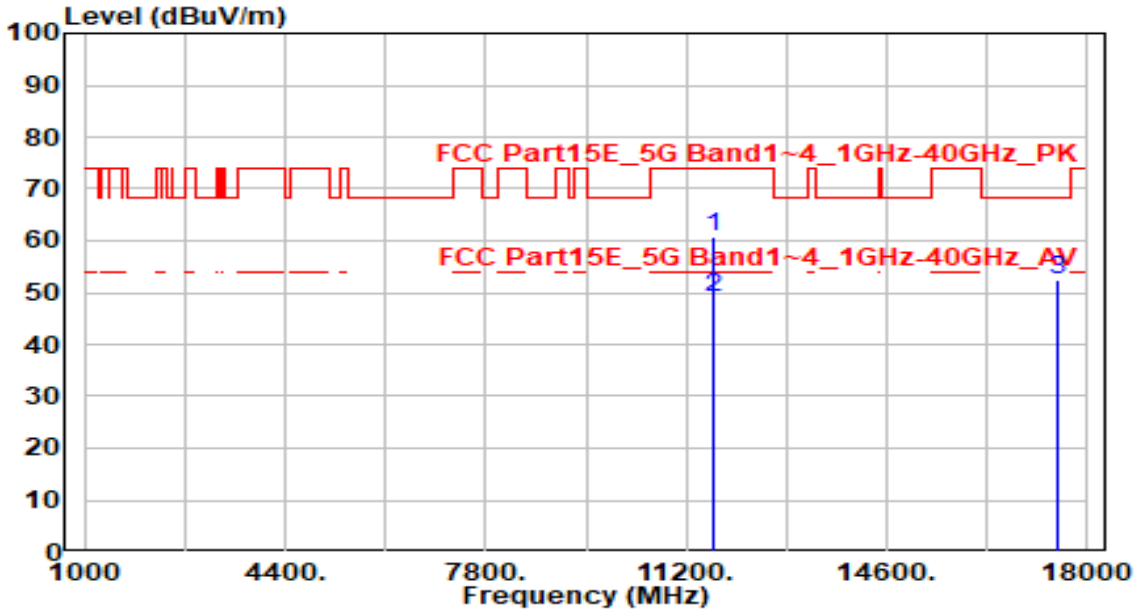


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	47.45	5.91	53.36	-20.64	74.00	100	310	Peak
2	*	17355.000	44.18	5.54	49.72	-18.48	68.20	100	260	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

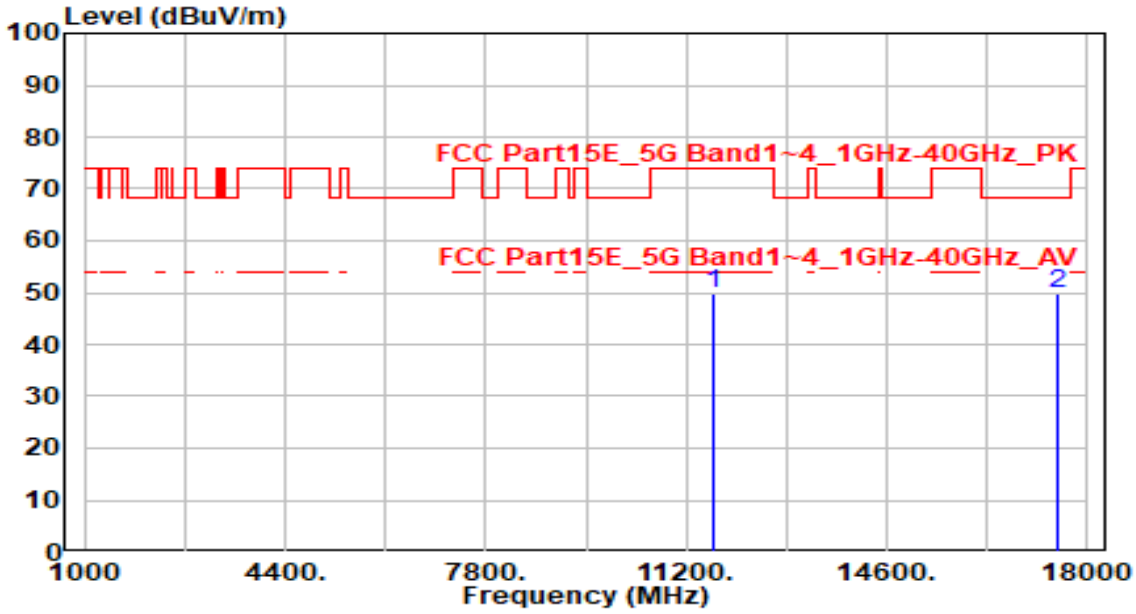


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	54.84	5.86	60.70	-13.31	74.00	195	205	Peak
2	*	11650.000	43.25	5.86	49.11	-4.90	54.00	195	205	Average
3		17475.000	47.13	5.44	52.57	-15.63	68.20	200	205	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

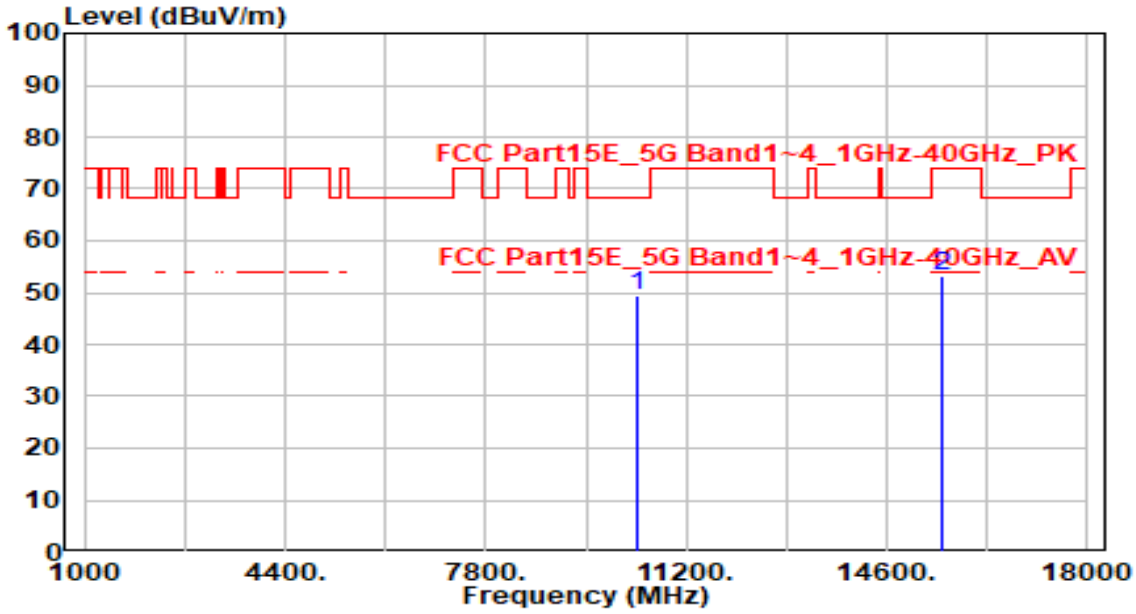


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	43.79	5.86	49.64	-24.36	74.00	200	95	Peak
2	*	17475.000	44.32	5.44	49.75	-18.45	68.20	100	80	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

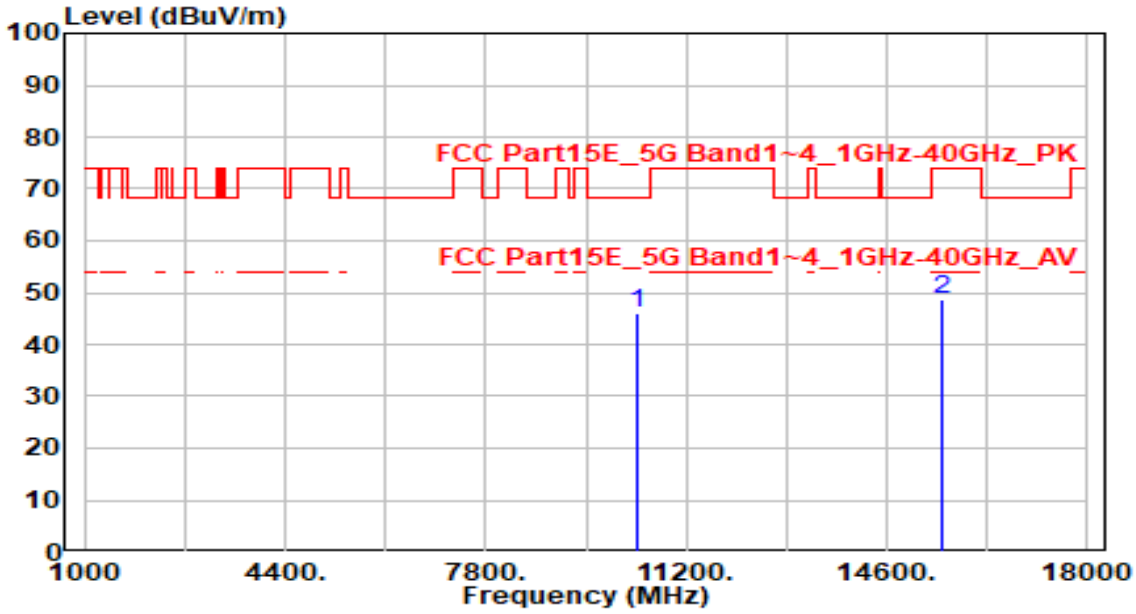


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	44.00	5.29	49.29	-18.91	68.20	200	220	Peak
2		15540.000	46.85	6.41	53.25	-20.75	74.00	200	125	Peak

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. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

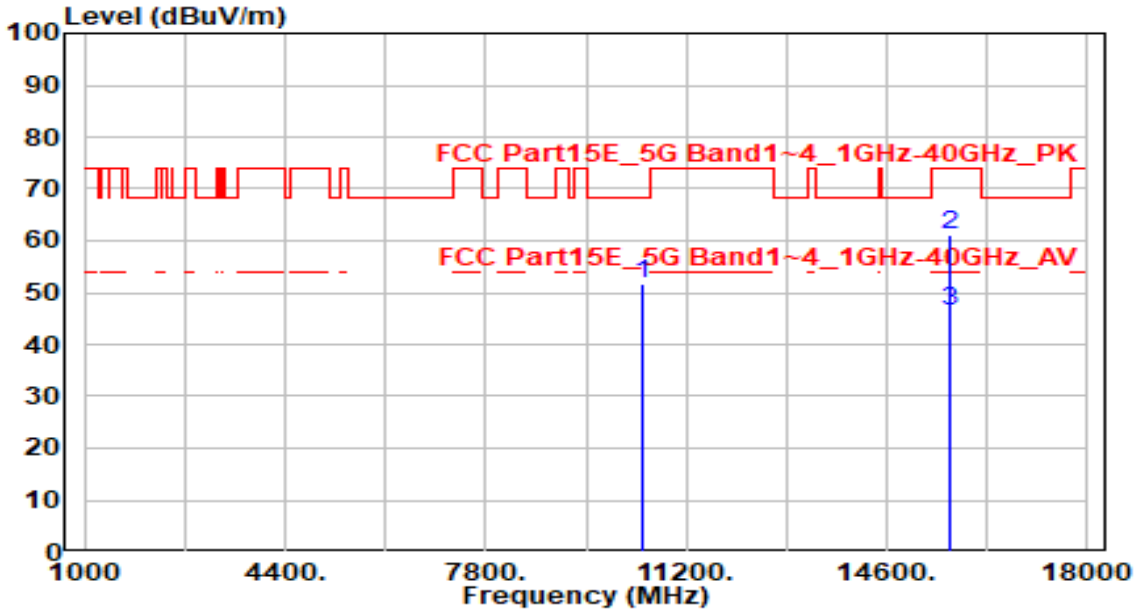


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	40.79	5.29	46.08	-22.12	68.20	100	250	Peak
2		15540.000	42.34	6.41	48.75	-25.25	74.00	100	190	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

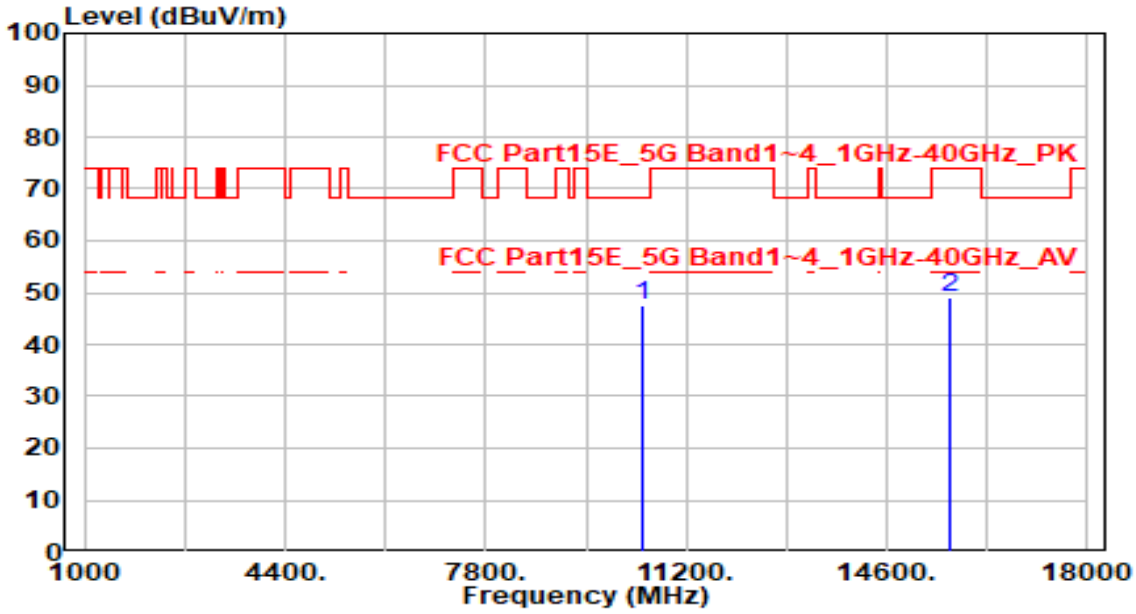


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10440.000	46.35	5.28	51.63	-16.57	68.20	200	185	Peak
2	*	15660.000	54.43	6.56	60.99	-13.01	74.00	210	130	Peak
3	*	15660.000	39.83	6.56	46.39	-7.61	54.00	210	130	Average

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. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

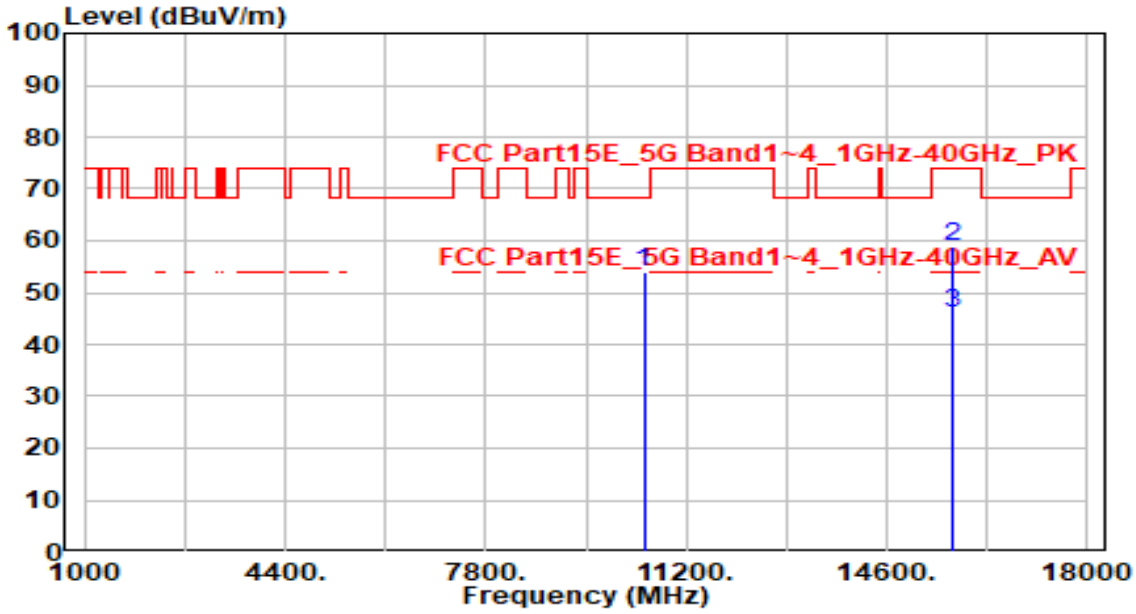


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	42.14	5.28	47.42	-20.78	68.20	100	140	Peak
2		15660.000	42.32	6.56	48.88	-25.12	74.00	120	0	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

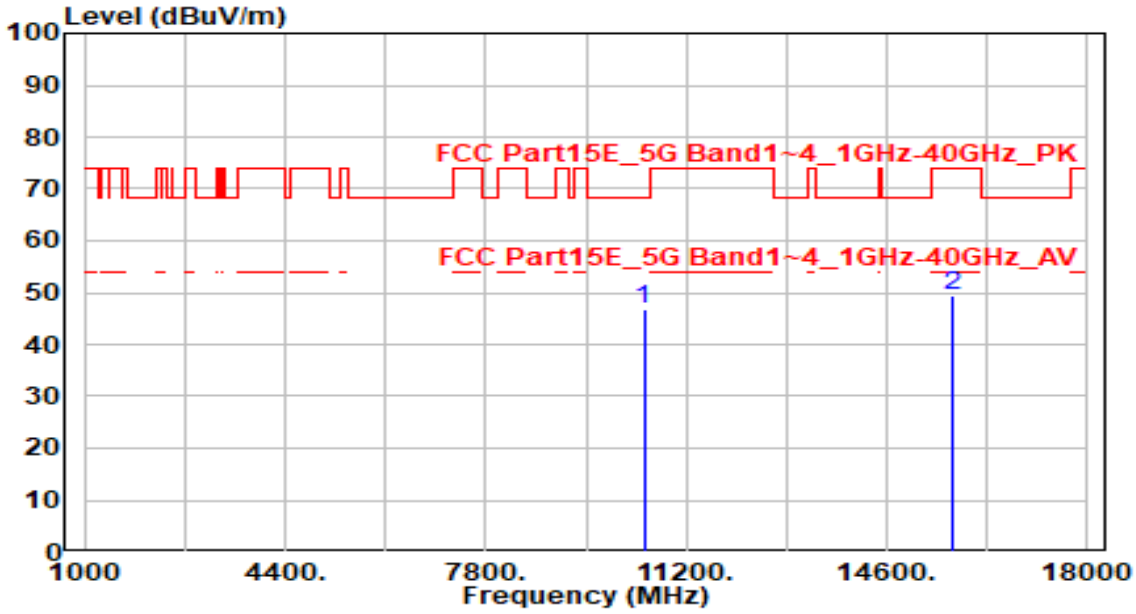


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		10480.000	48.54	5.26	53.80	-14.40	68.20	200	150	Peak
2	*	15720.000	52.11	6.69	58.80	-15.20	74.00	195	125	Peak
3	*	15720.000	39.25	6.69	45.94	-8.06	54.00	195	125	Average

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

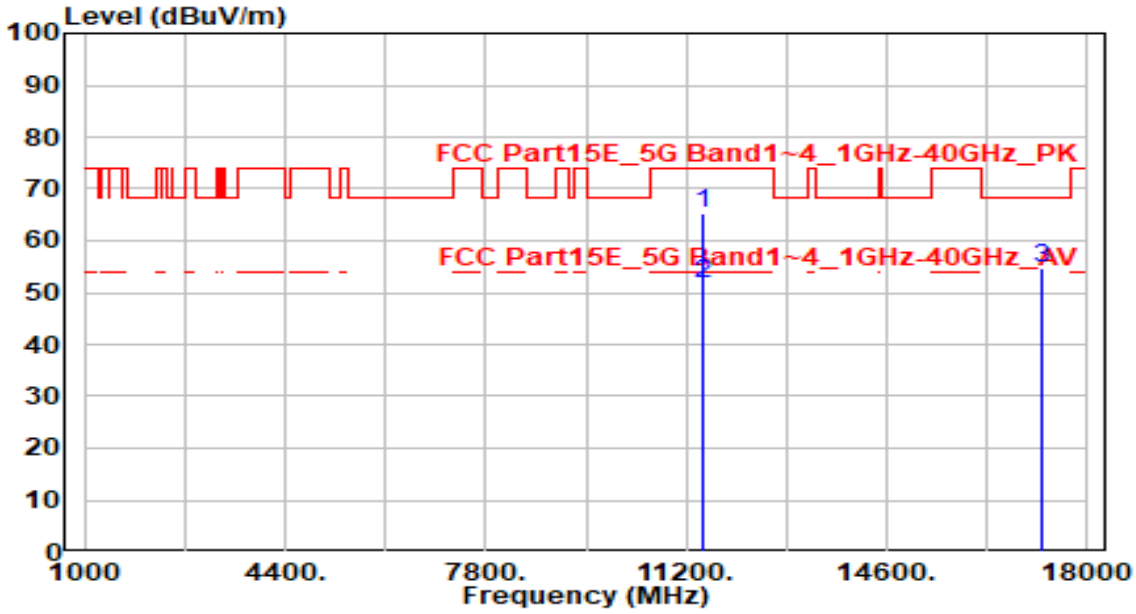


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	41.54	5.26	46.80	-21.40	68.20	100	160	Peak
2		15720.000	42.61	6.69	49.30	-24.70	74.00	100	95	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

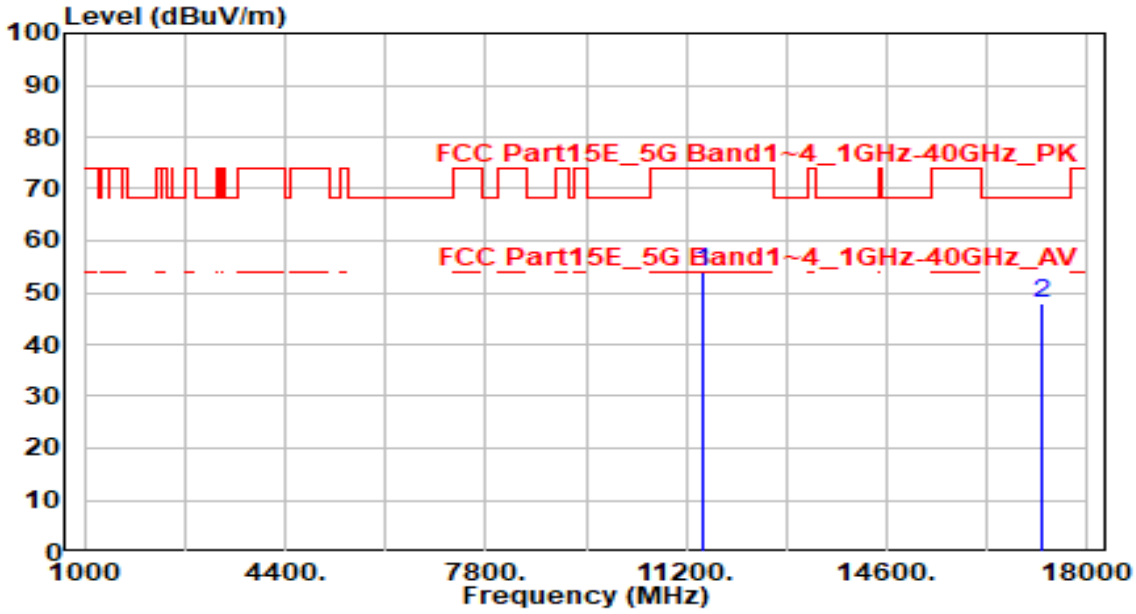


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	59.29	5.94	65.23	-8.77	74.00	205	205	Peak
2	*	11490.000	45.86	5.94	51.80	-2.20	54.00	205	205	Average
3		17235.000	48.92	5.78	54.70	-13.50	68.20	200	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

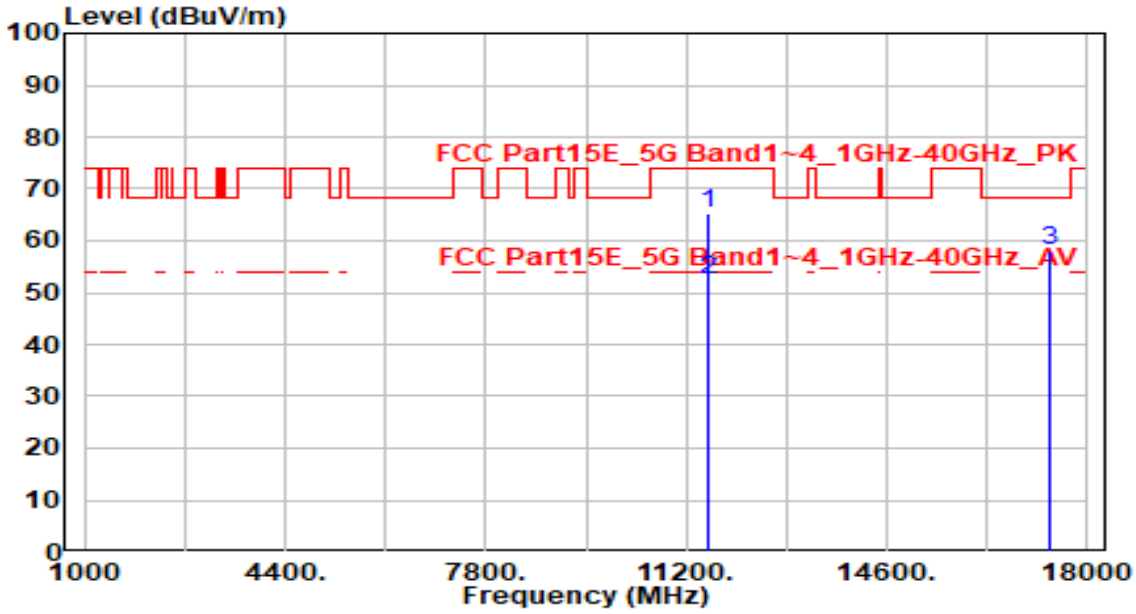


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	47.86	5.94	53.80	-20.20	74.00	100	310	Peak
2		17235.000	42.04	5.78	47.82	-20.38	68.20	100	205	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

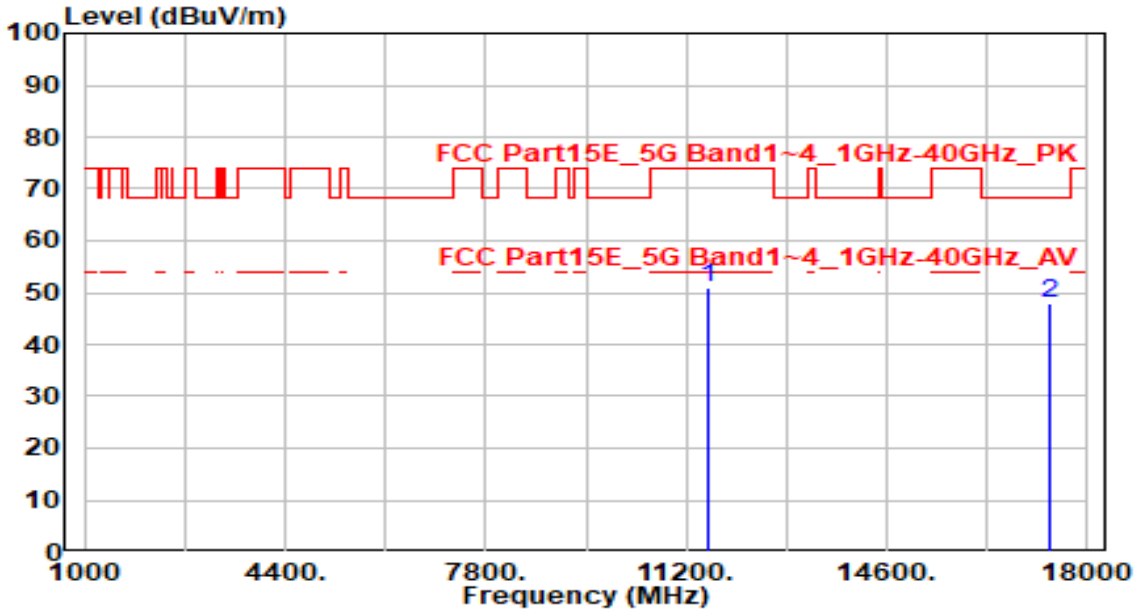


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	59.50	5.91	65.41	-8.59	74.00	215	200	Peak
2	*	11570.000	46.68	5.91	52.59	-1.41	54.00	215	200	Average
3		17355.000	52.54	5.54	58.08	-10.12	68.20	200	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

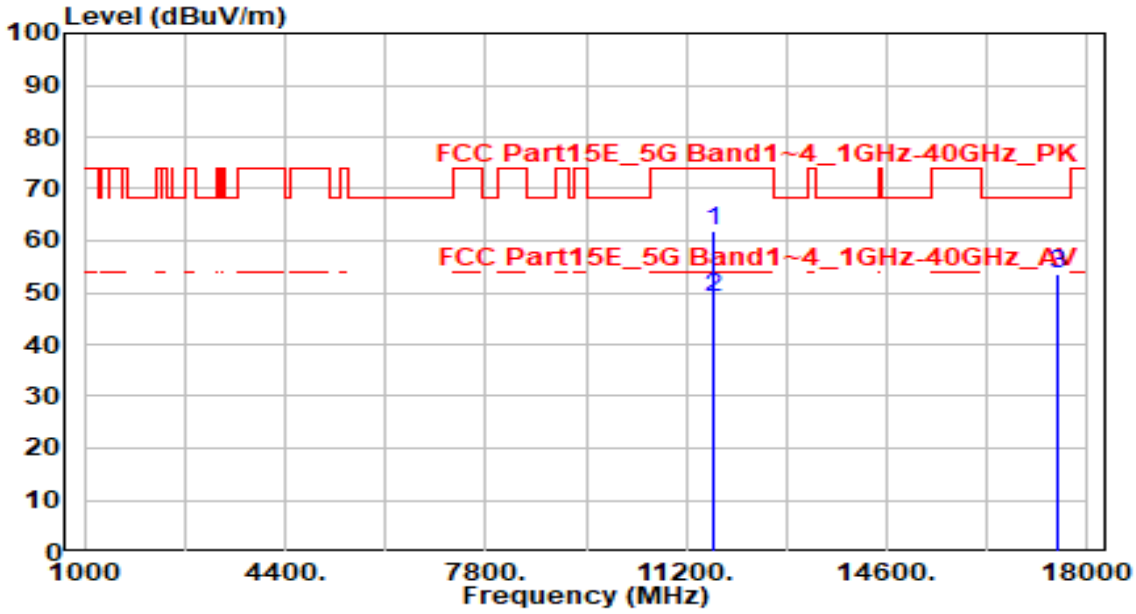


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	44.98	5.91	50.89	-23.11	74.00	100	315	Peak
2	*	17355.000	42.38	5.54	47.92	-20.28	68.20	100	145	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

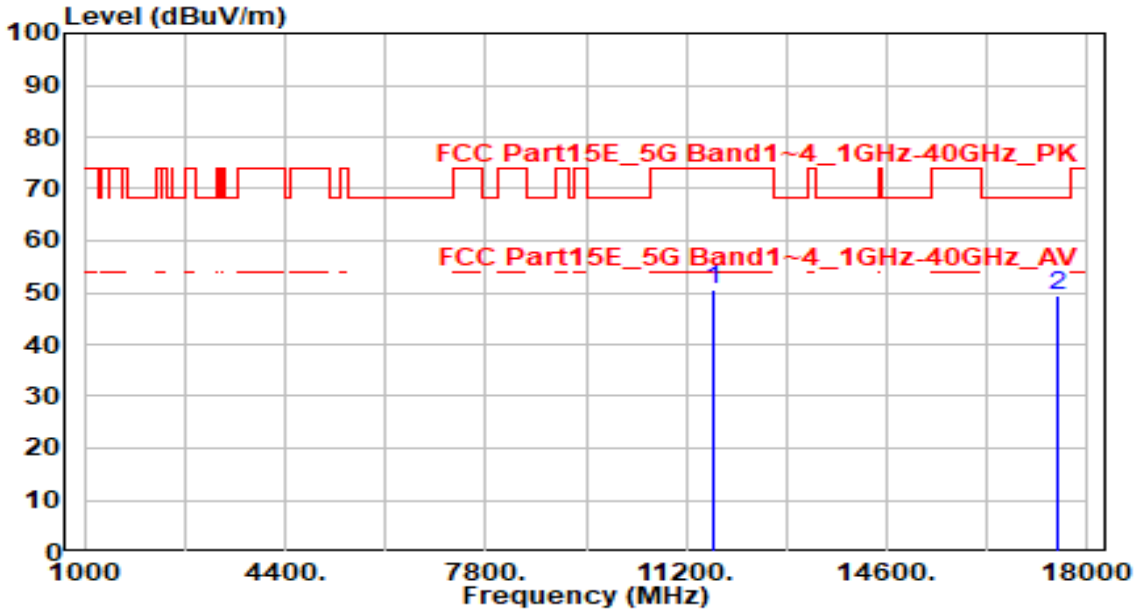


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11650.000	55.96	5.86	61.82	-12.19	74.00	210	205	Peak
2	*	11650.000	43.36	5.86	49.22	-4.79	54.00	210	205	Average
3		17475.000	48.23	5.44	53.67	-14.53	68.20	200	115	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

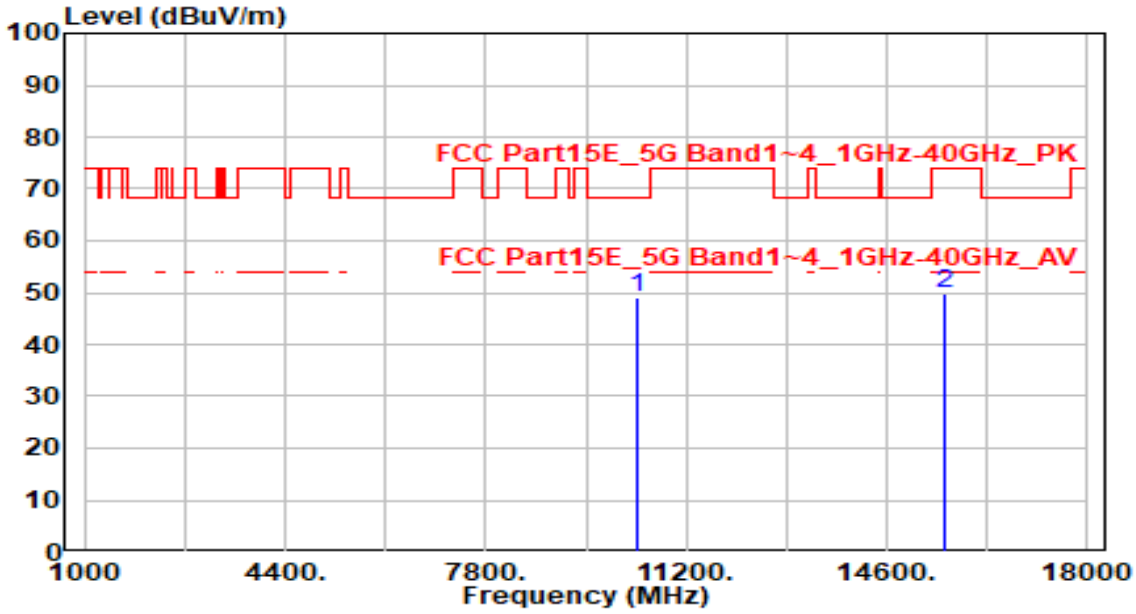


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	44.60	5.86	50.45	-23.55	74.00	100	260	Peak
2	*	17475.000	43.88	5.44	49.32	-18.88	68.20	100	100	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

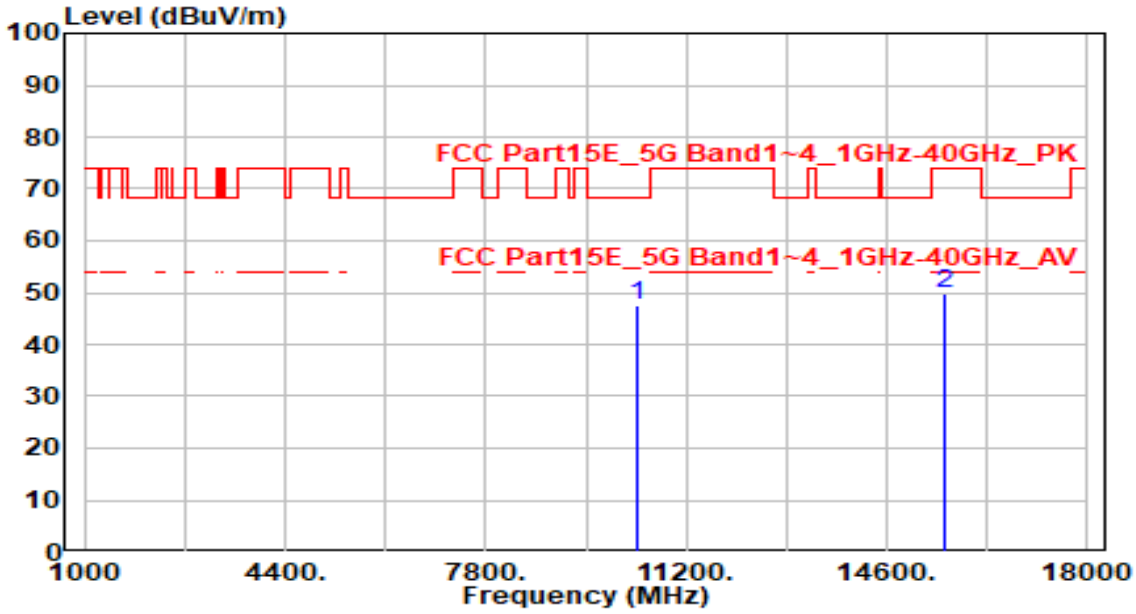


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	43.61	5.30	48.91	-19.29	68.20	100	80	Peak
2		15570.000	43.44	6.41	49.85	-24.15	74.00	100	170	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

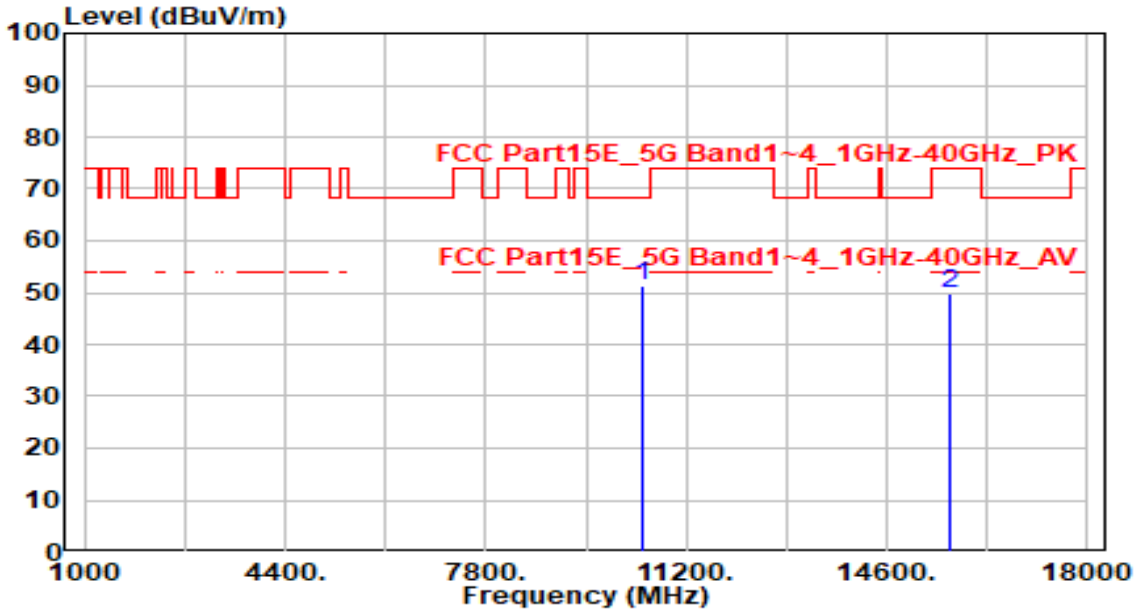


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	42.19	5.30	47.48	-20.72	68.20	100	130	Peak
2		15570.000	43.35	6.41	49.77	-24.23	74.00	100	25	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

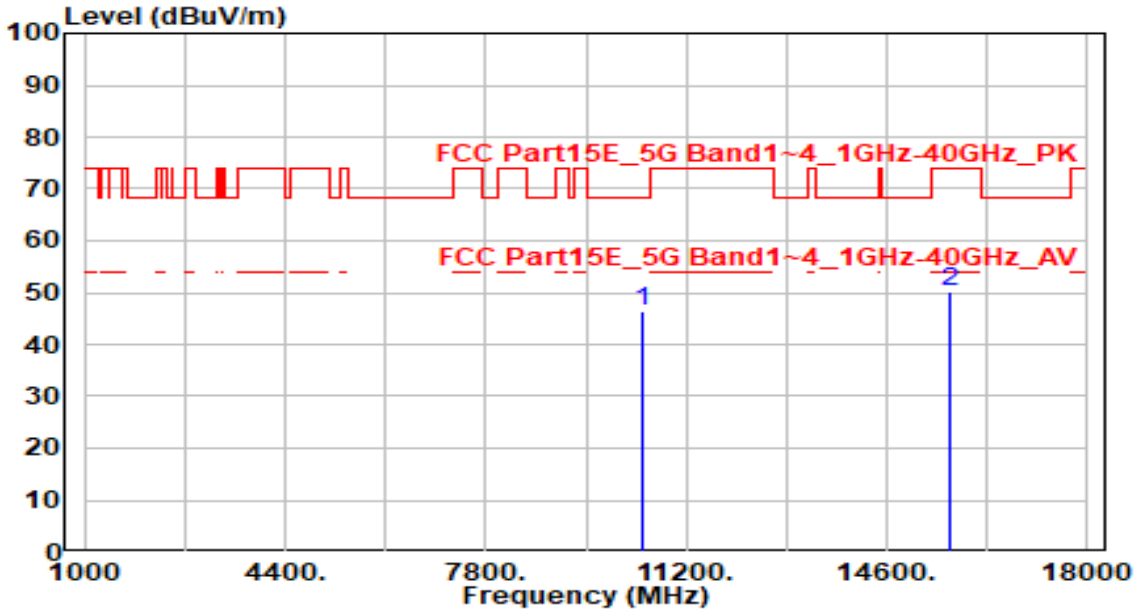


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	46.21	5.27	51.48	-16.72	68.20	100	55	Peak
2		15690.000	43.20	6.63	49.83	-24.17	74.00	100	300	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

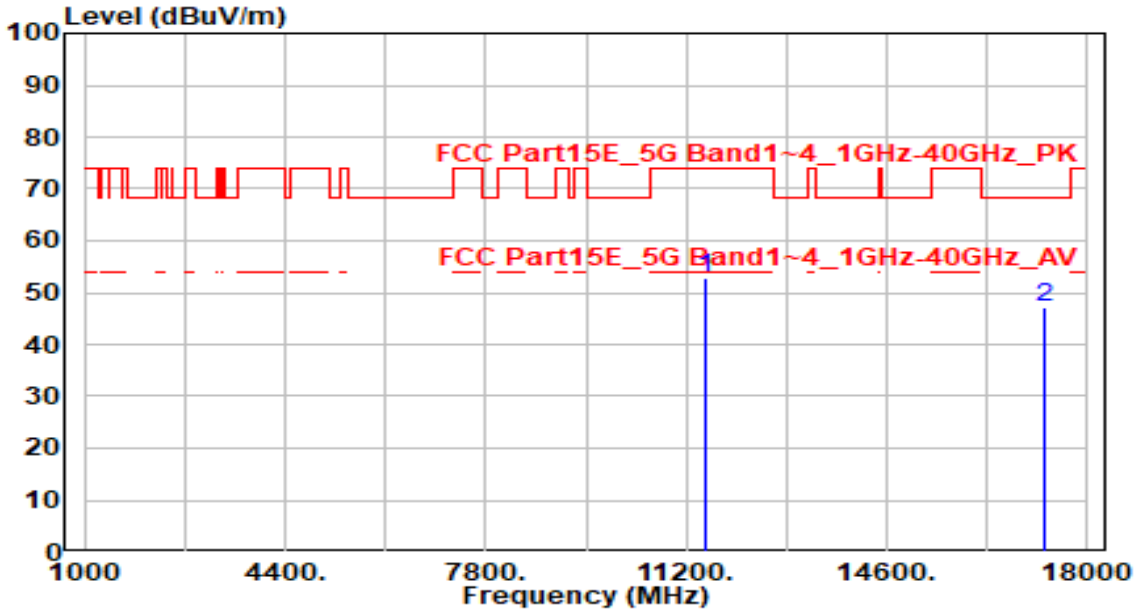


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	40.99	5.27	46.26	-21.94	68.20	100	155	Peak
2		15690.000	43.71	6.63	50.34	-23.66	74.00	100	290	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

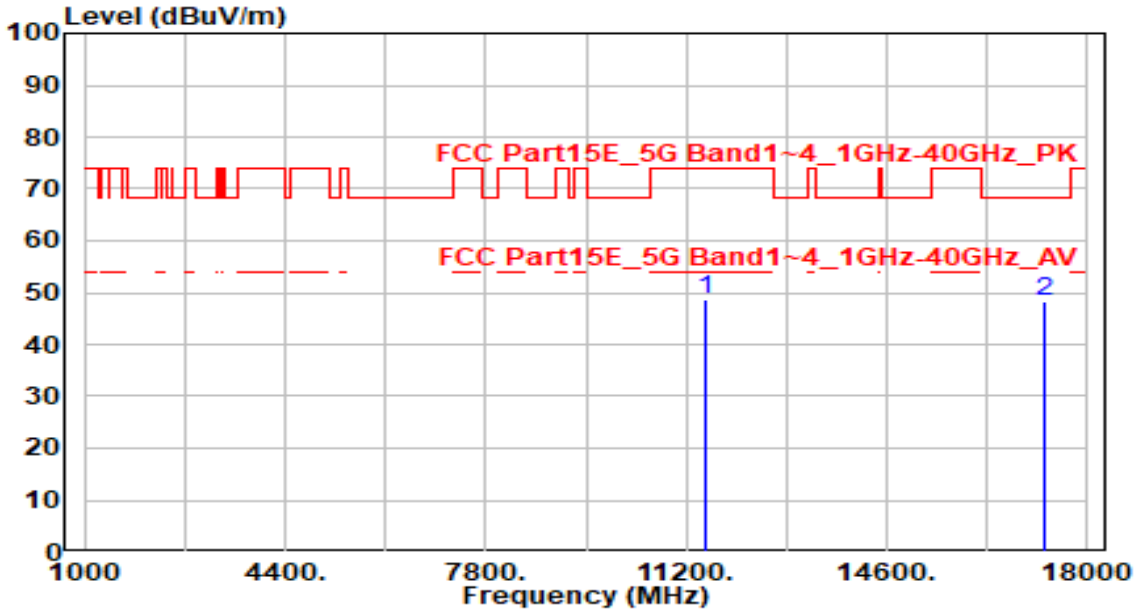


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11510.000	46.95	5.94	52.89	-21.11	74.00	100	225	Peak
2		17265.000	41.32	5.72	47.04	-21.16	68.20	100	70	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

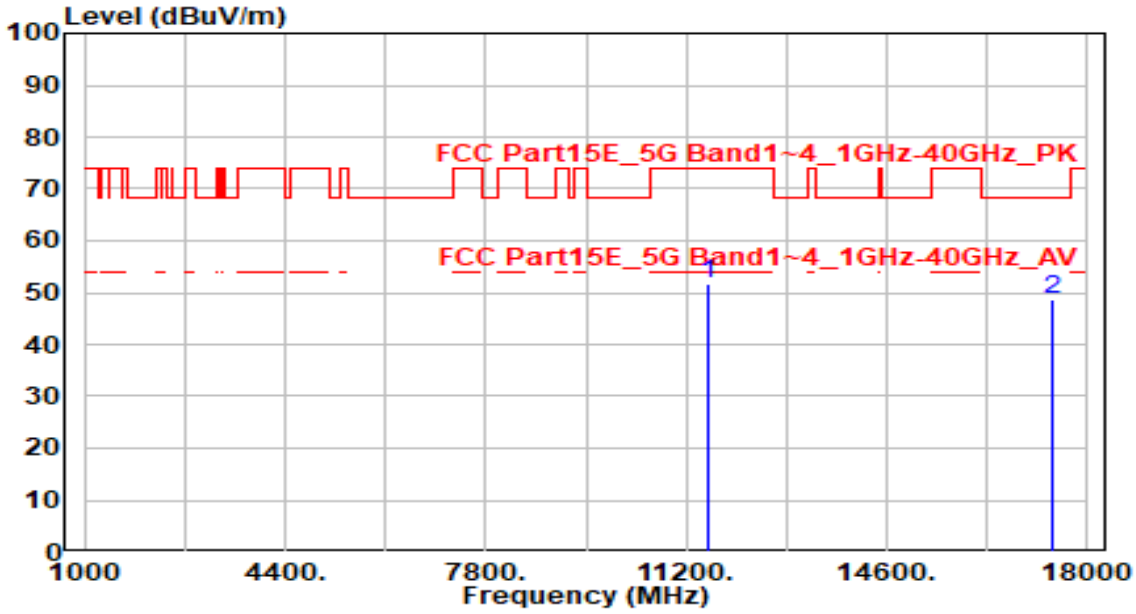


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	42.70	5.94	48.63	-25.37	74.00	100	280	Peak
2	*	17265.000	42.57	5.72	48.29	-19.91	68.20	100	20	Peak

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

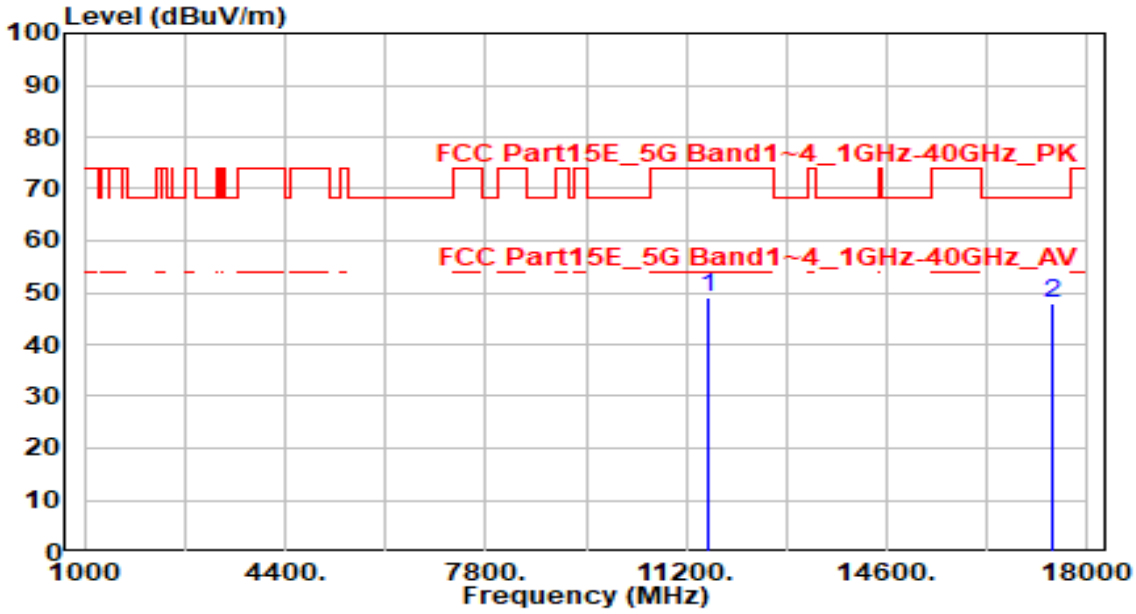


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	45.65	5.90	51.56	-22.44	74.00	100	230	Peak
2	*	17385.000	43.24	5.47	48.71	-19.49	68.20	100	275	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

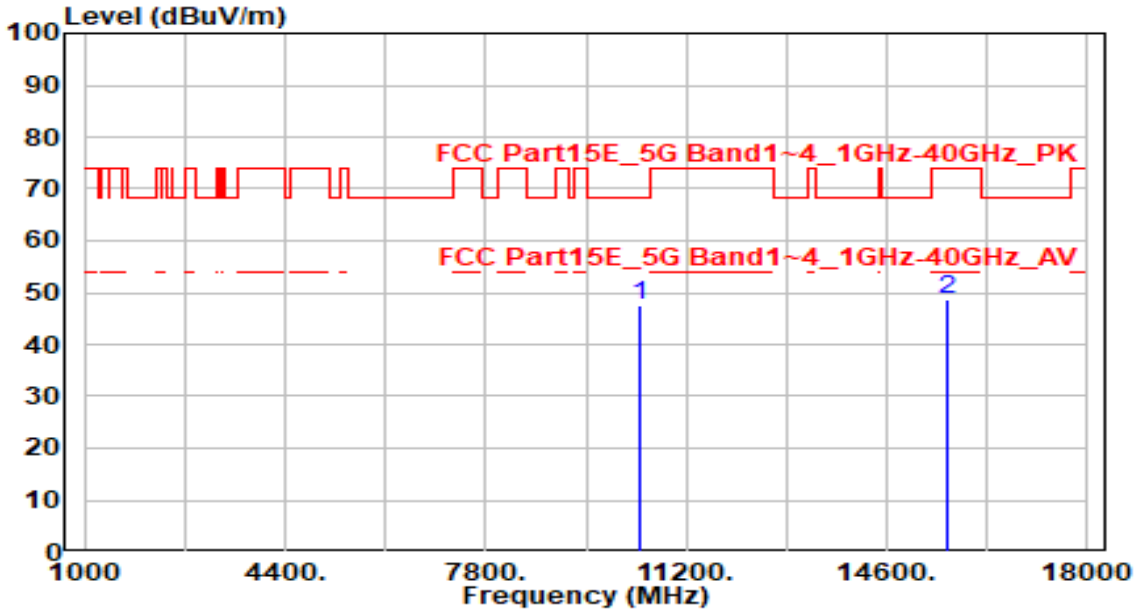


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	43.07	5.90	48.98	-25.02	74.00	100	245	Peak
2	*	17385.000	42.44	5.47	47.91	-20.29	68.20	100	335	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

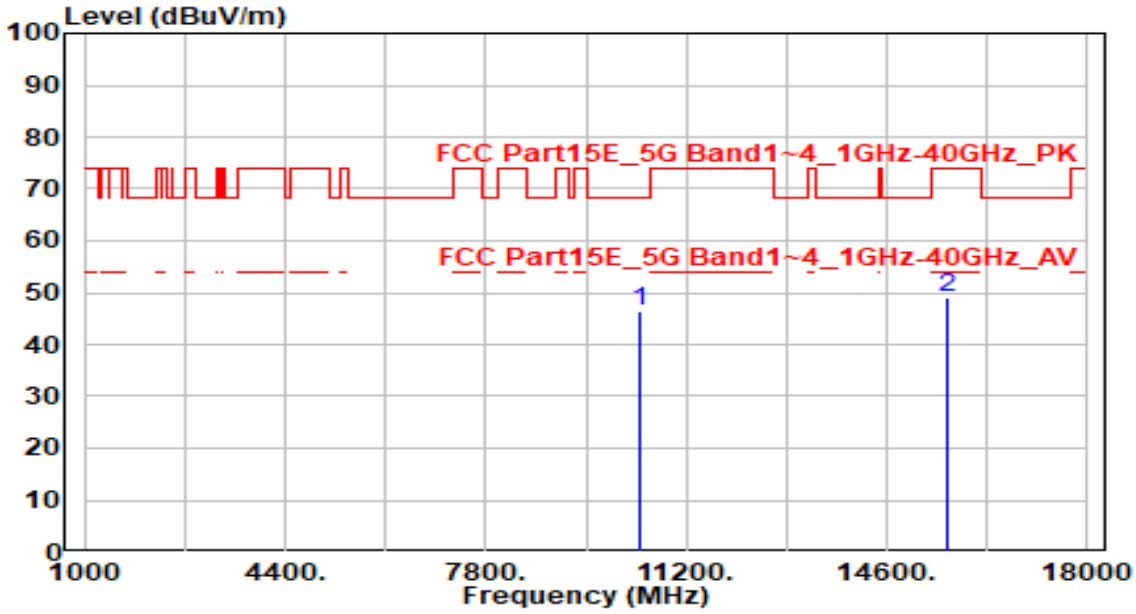


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	42.29	5.29	47.58	-20.62	68.20	100	110	Peak
2		15630.000	42.16	6.49	48.65	-25.35	74.00	100	120	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

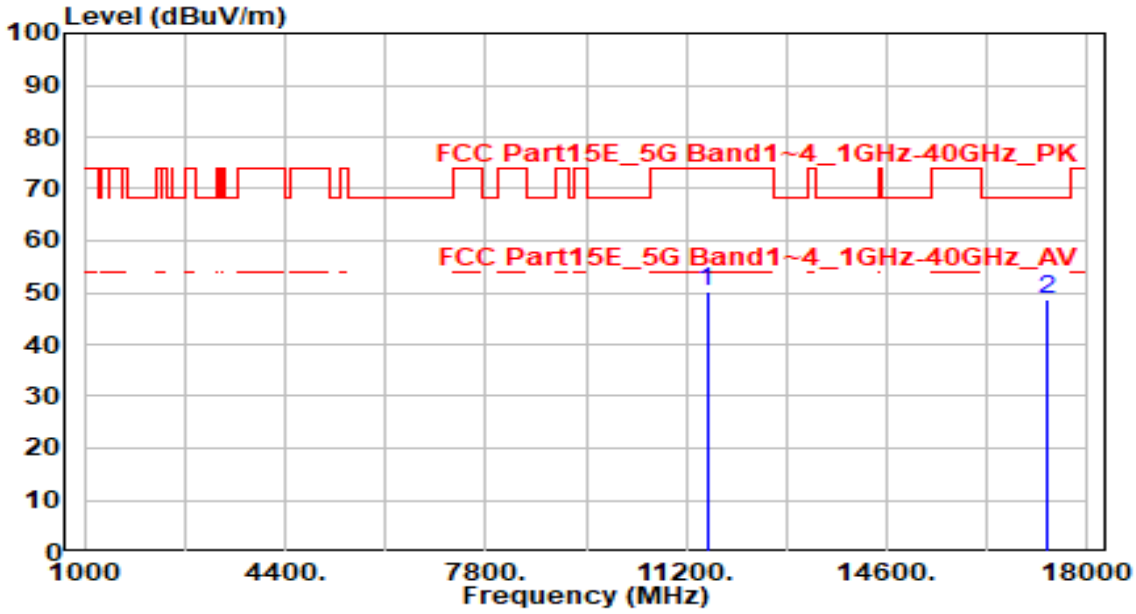


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	41.05	5.29	46.34	-21.86	68.20	100	255	Peak
2		15630.000	42.62	6.49	49.11	-24.89	74.00	100	215	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

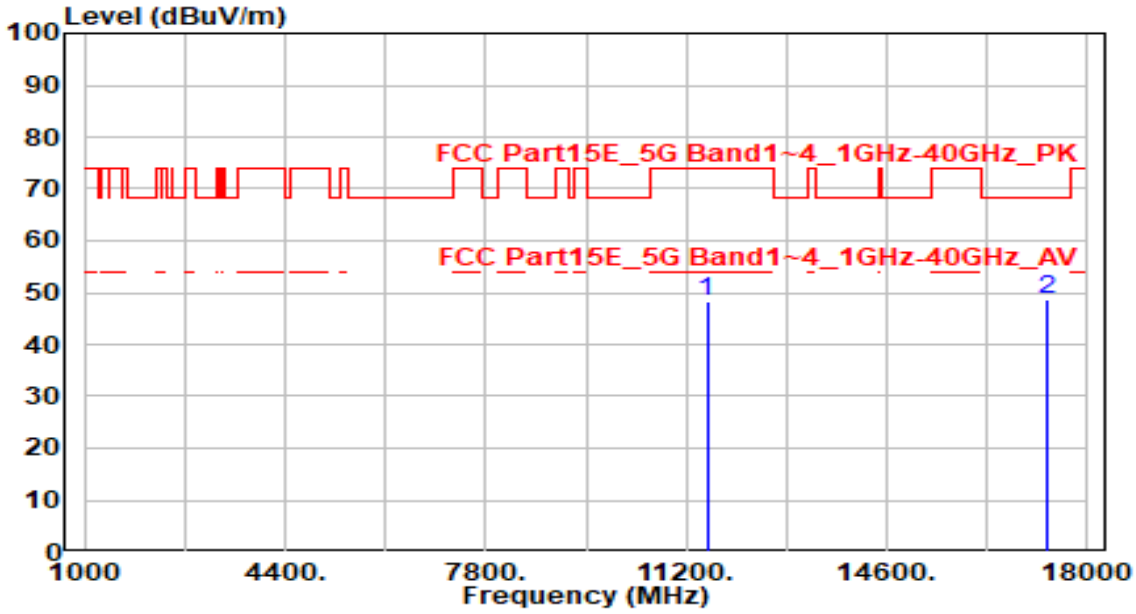


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	44.20	5.92	50.12	-23.88	74.00	100	15	Peak
2	*	17325.000	43.25	5.60	48.84	-19.36	68.20	100	360	Peak

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

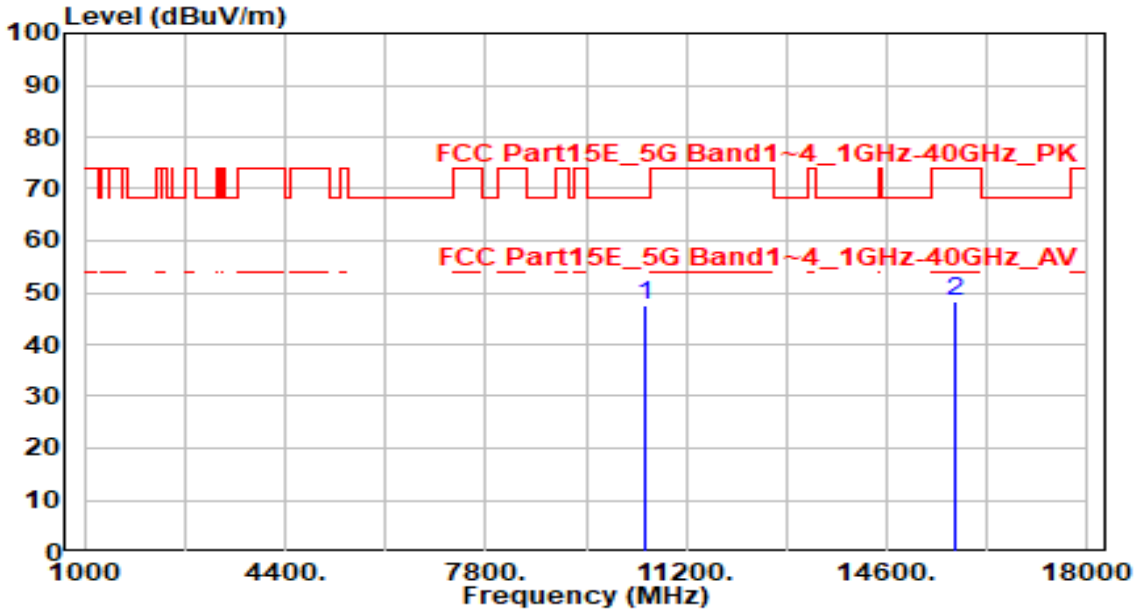


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	42.53	5.92	48.45	-25.55	74.00	100	225	Peak
2	*	17325.000	42.93	5.60	48.53	-19.67	68.20	100	245	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

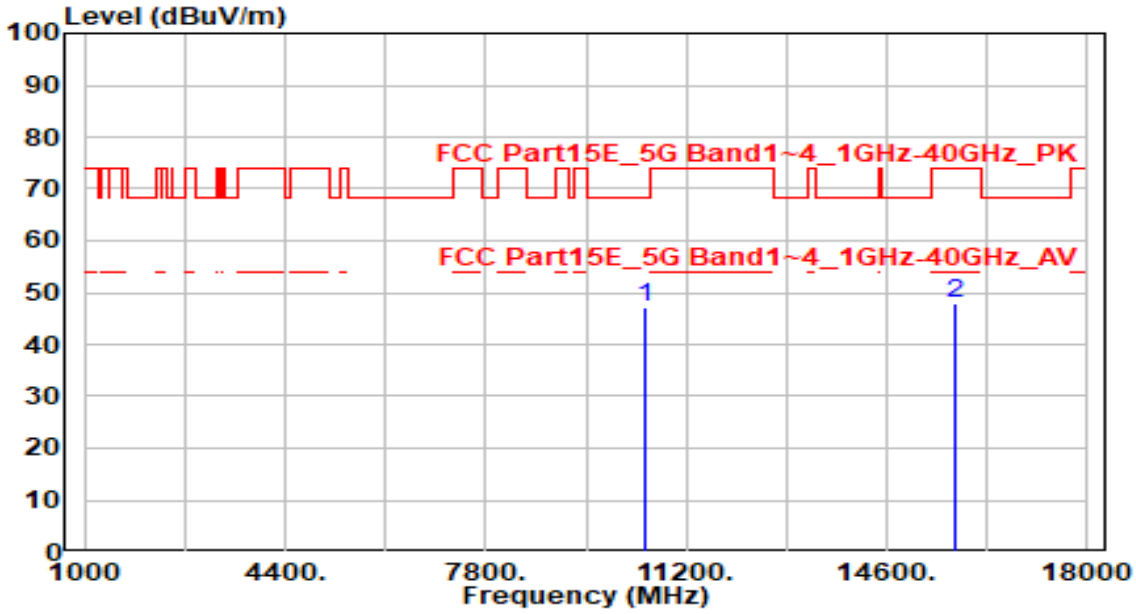


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10500.000	42.35	5.25	47.60	-20.60	68.20	100	225	Peak
2		15750.000	41.43	6.76	48.19	-25.81	74.00	100	175	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

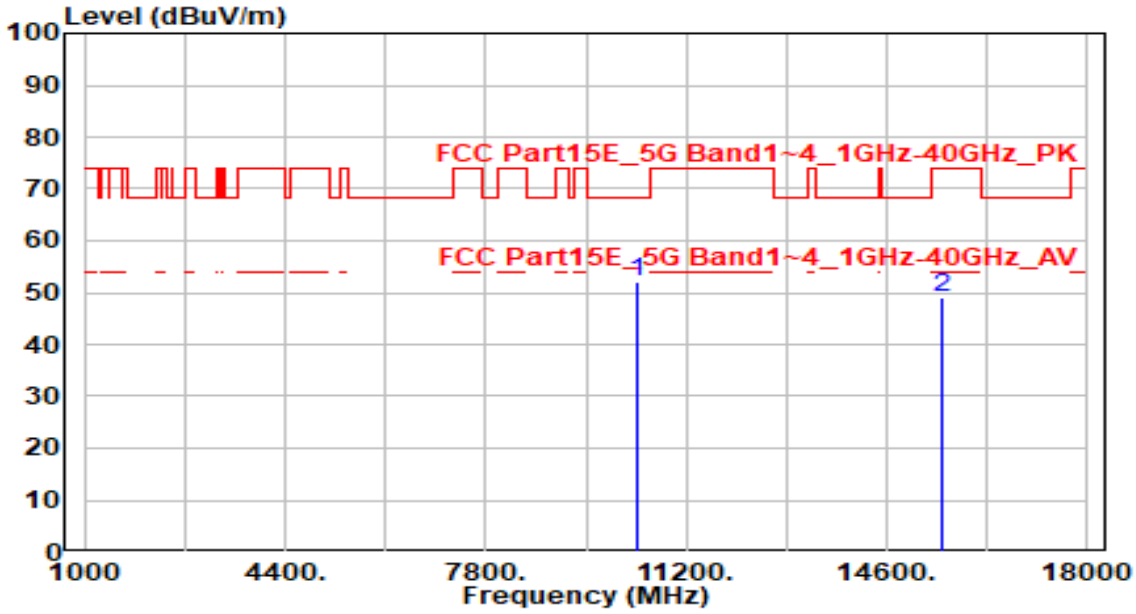


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10500.000	41.96	5.25	47.21	-20.99	68.20	100	255	Peak
2		15750.000	41.20	6.76	47.96	-26.04	74.00	100	245	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

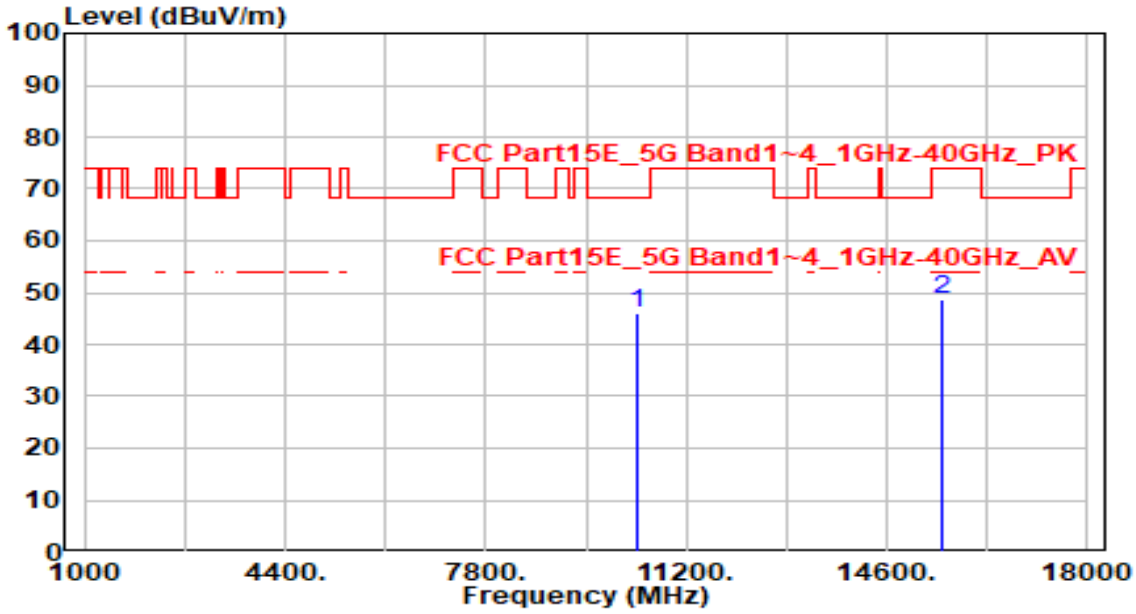


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	46.92	5.29	52.22	-15.98	68.20	100	95	Peak
2		15540.000	42.55	6.41	48.96	-25.04	74.00	100	95	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

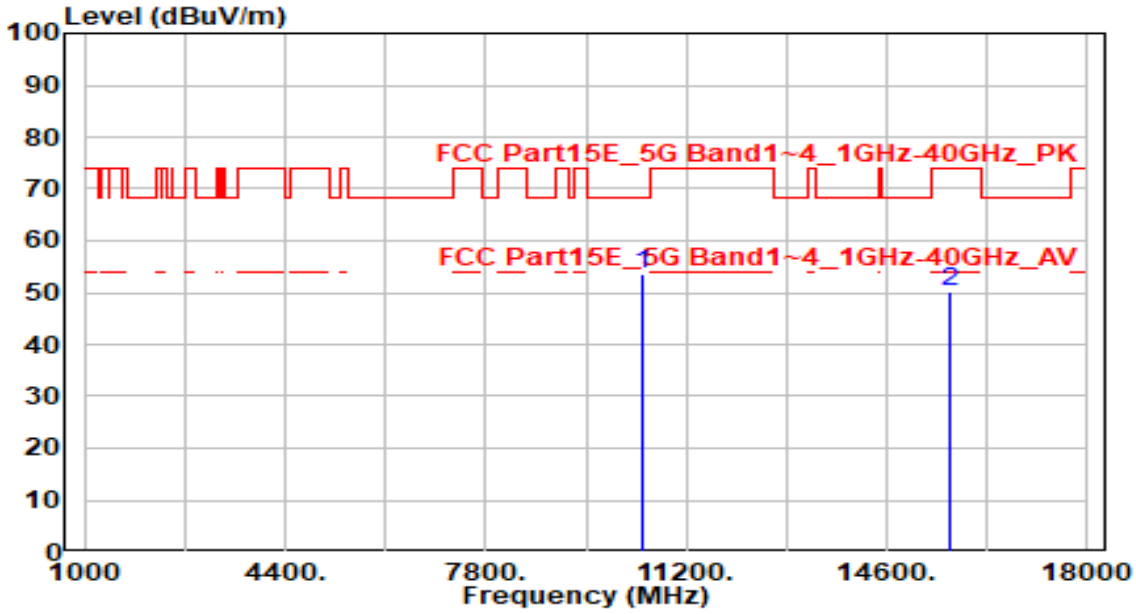


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10360.000	40.64	5.29	45.93	-22.27	68.20	100	235	Peak
2		15540.000	42.17	6.41	48.57	-25.43	74.00	100	35	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

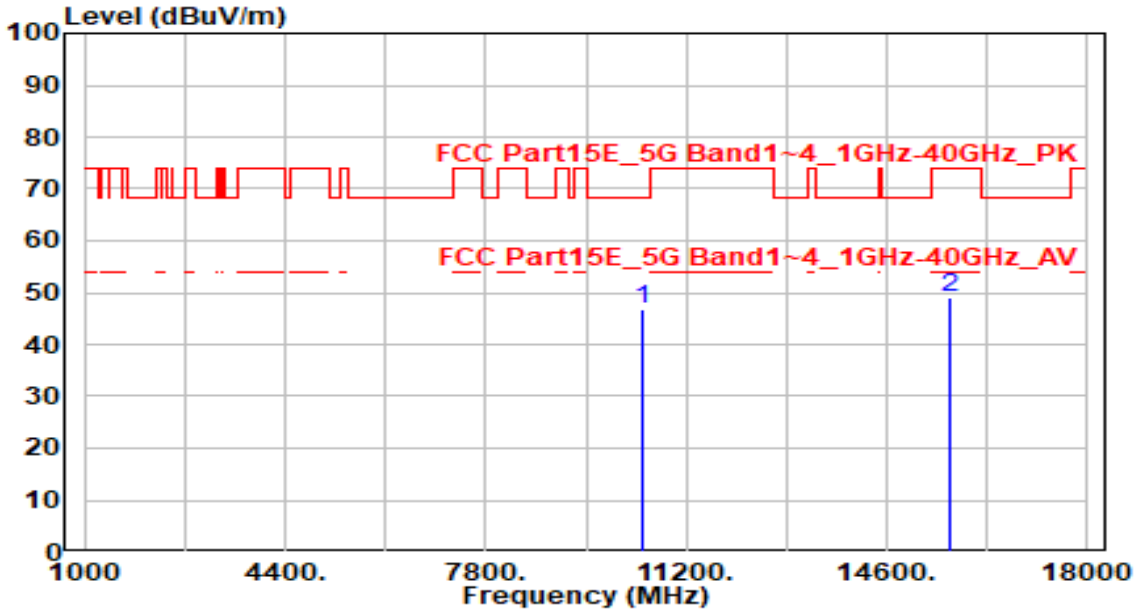


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	48.29	5.28	53.57	-14.63	68.20	100	105	Peak
2		15660.000	43.77	6.56	50.32	-23.68	74.00	100	270	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

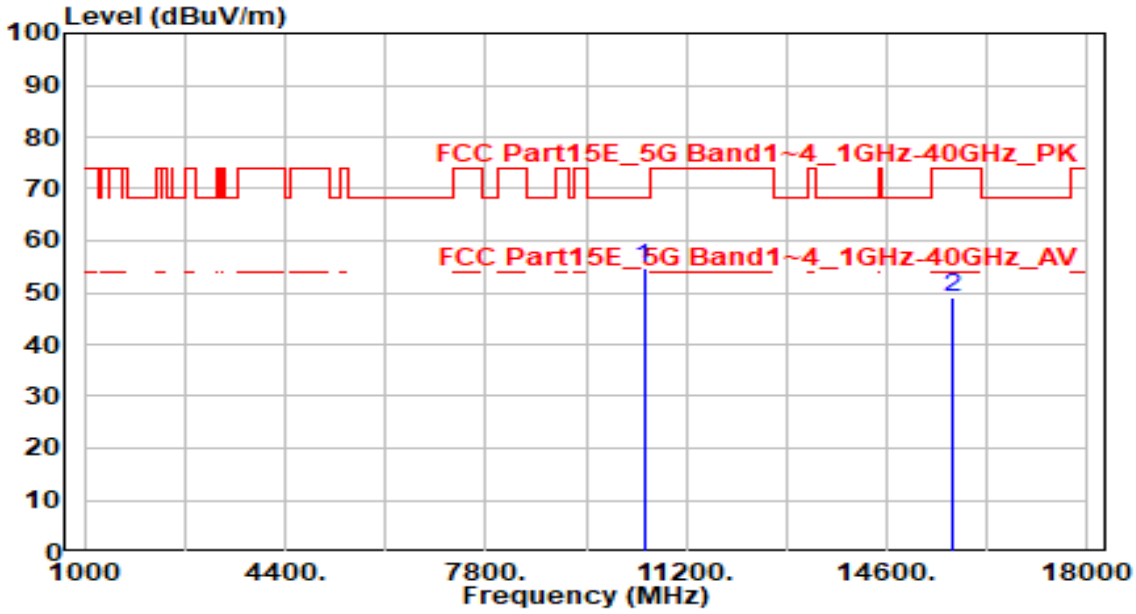


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10440.000	41.35	5.28	46.63	-21.57	68.20	100	140	Peak
2		15660.000	42.40	6.56	48.96	-25.04	74.00	100	85	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

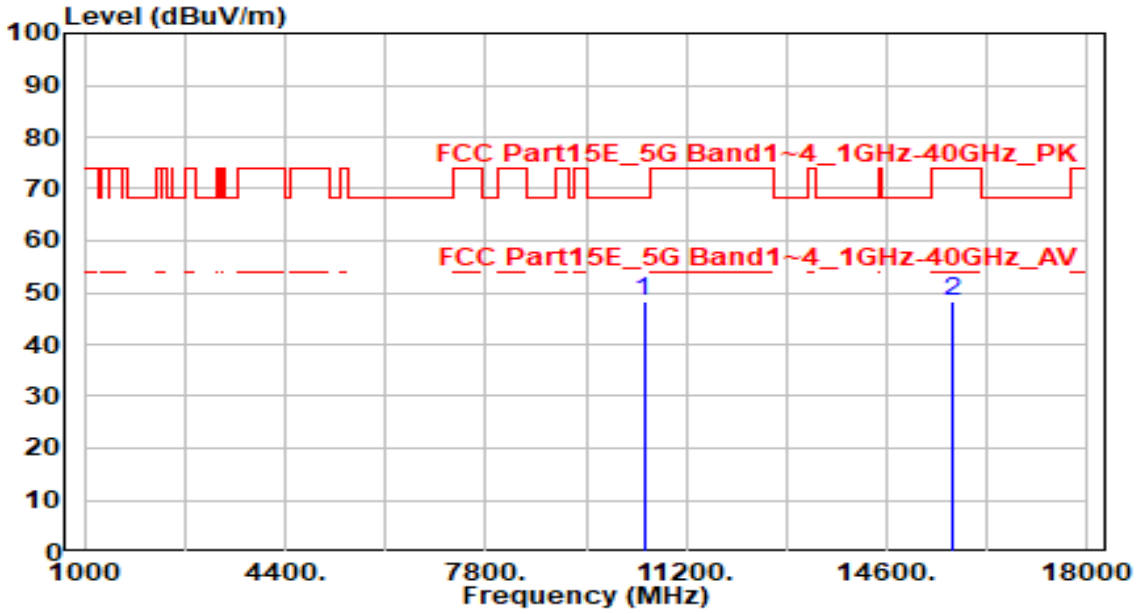


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	49.38	5.26	54.64	-13.56	68.20	100	135	Peak
2		15720.000	42.44	6.69	49.14	-24.86	74.00	100	360	Peak

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band1_CH 48_ANT 0+1	Test Voltage	AC 120V/60Hz

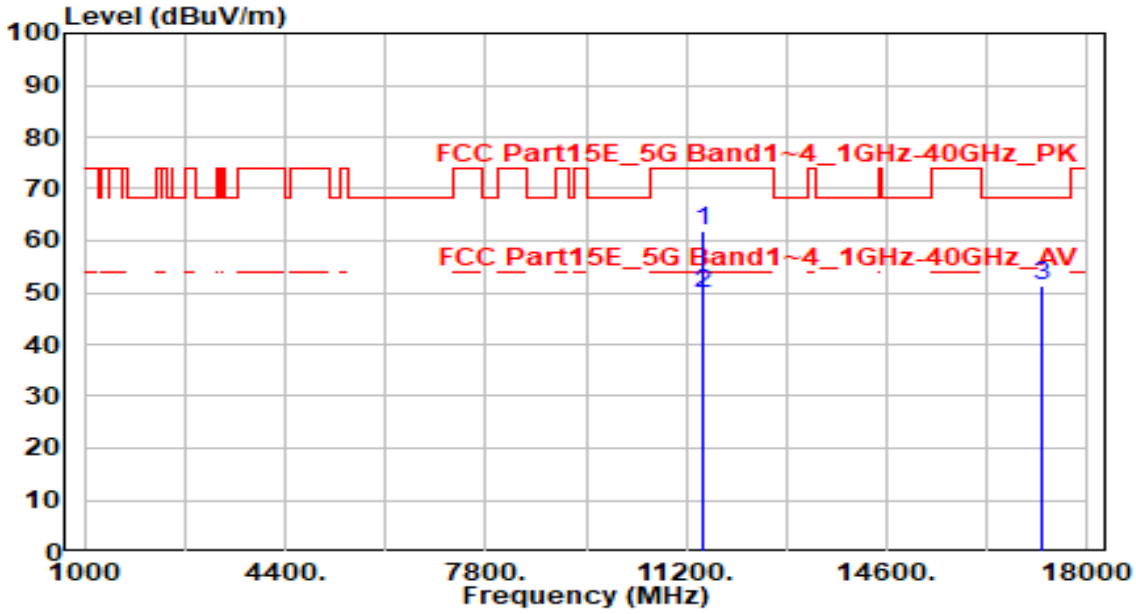


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10480.000	42.96	5.26	48.22	-19.98	68.20	100	135	Peak
2		15720.000	41.75	6.69	48.45	-25.55	74.00	100	220	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

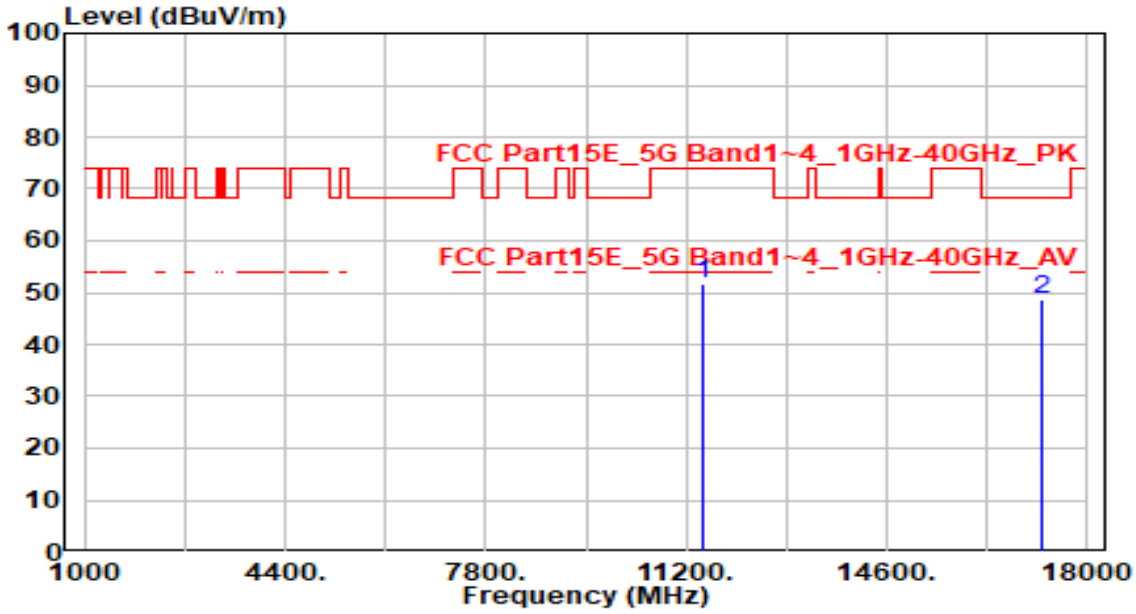


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11490.000	56.06	5.94	62.00	-12.00	74.00	190	170	Peak
2	*	11490.000	43.74	5.94	49.68	-4.32	54.00	190	170	Average
3		17235.000	45.61	5.78	51.39	-16.81	68.20	100	330	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

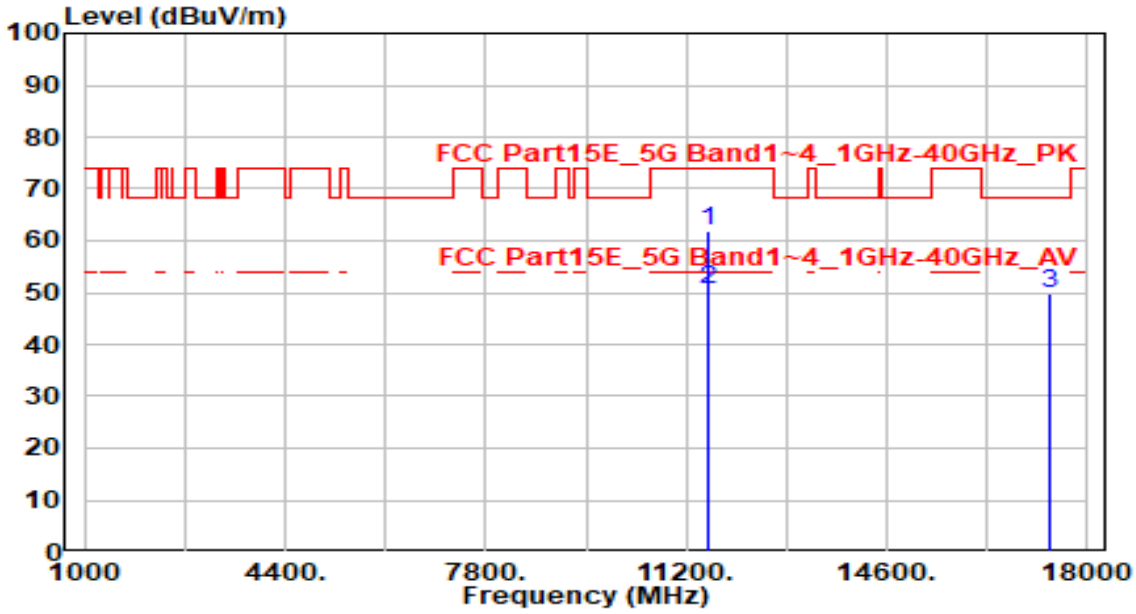


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11490.000	45.64	5.94	51.58	-22.42	74.00	100	100	Peak
2	*	17235.000	43.06	5.78	48.84	-19.36	68.20	100	290	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

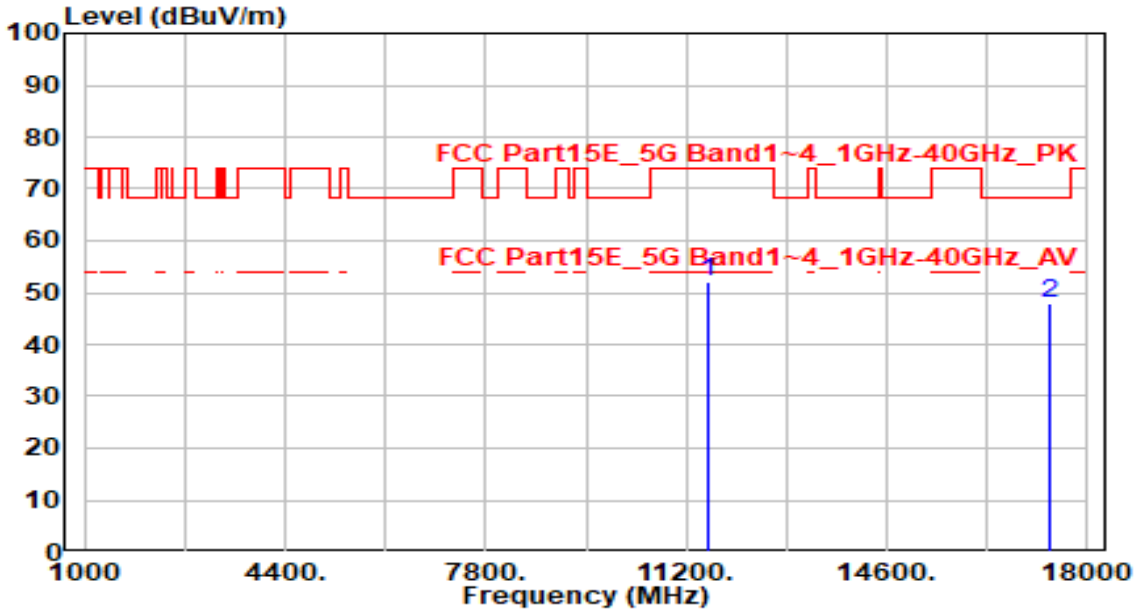


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	11570.000	56.03	5.91	61.94	-12.06	74.00	235	170	Peak
2	*	11570.000	44.57	5.91	50.48	-3.52	54.00	235	170	Average
3		17355.000	44.44	5.54	49.97	-18.23	68.20	100	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

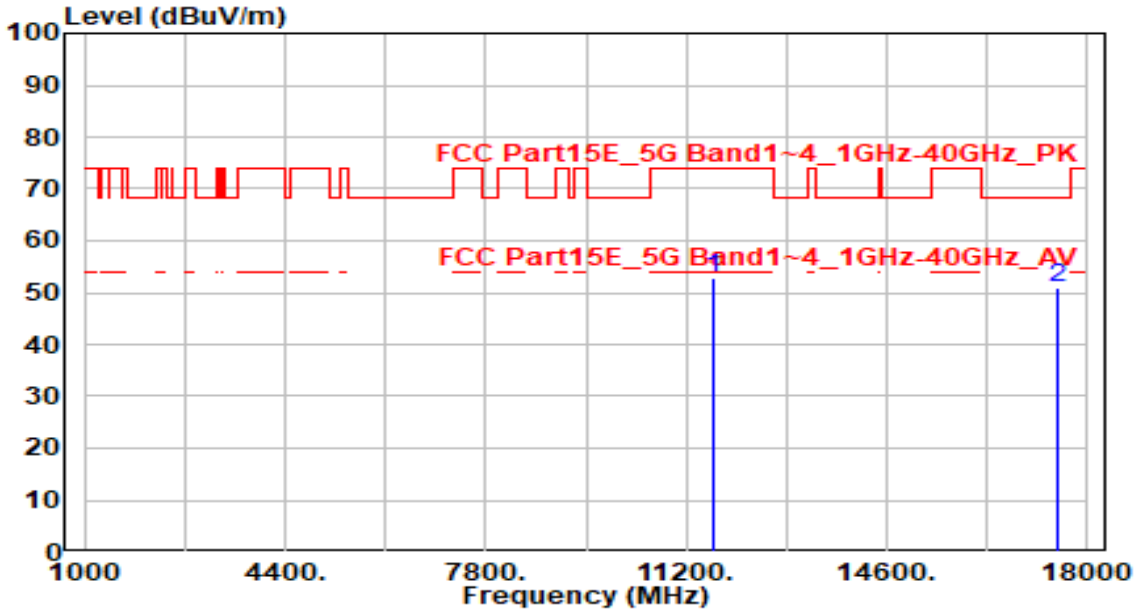


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11570.000	46.12	5.91	52.04	-21.96	74.00	100	275	Peak
2	*	17355.000	42.37	5.54	47.91	-20.29	68.20	100	285	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

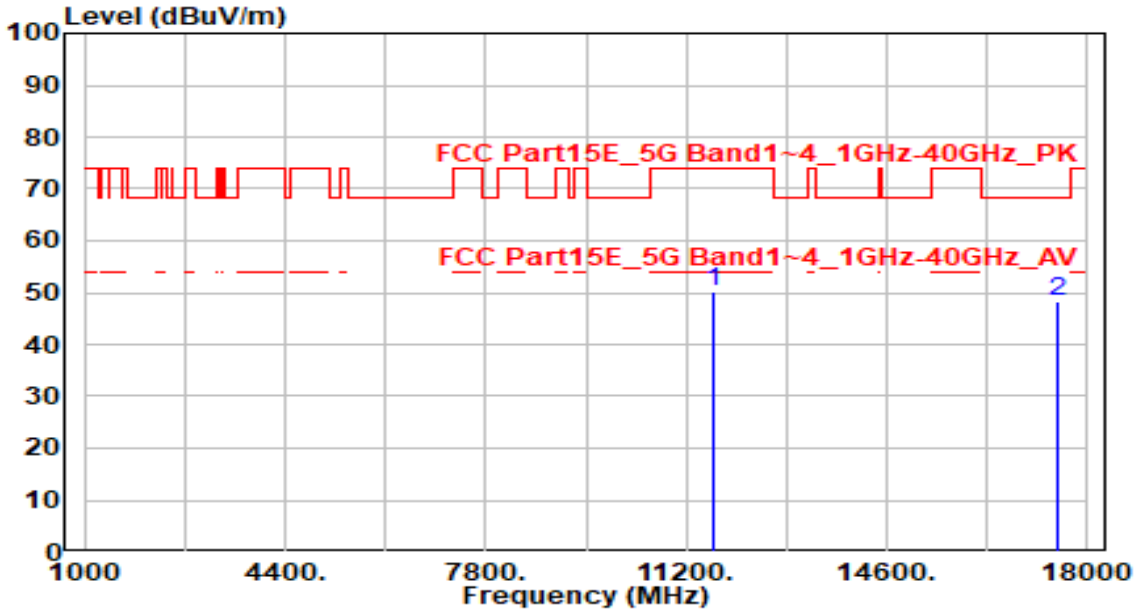


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	46.93	5.86	52.78	-21.22	74.00	100	160	Peak
2	*	17475.000	45.62	5.44	51.06	-17.14	68.20	100	260	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

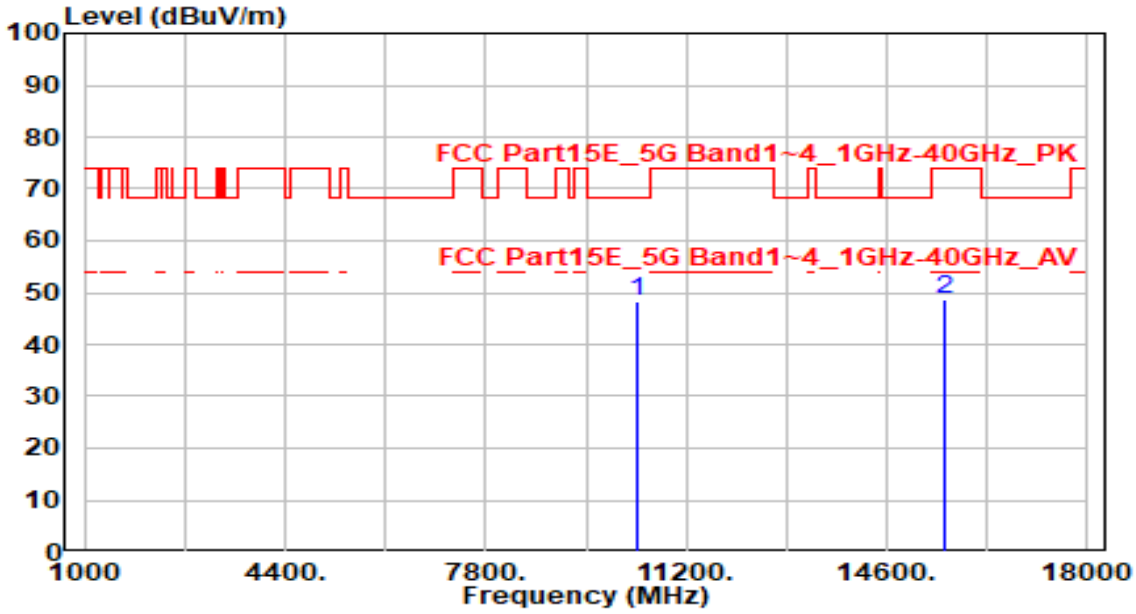


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11650.000	44.41	5.86	50.26	-23.74	74.00	100	150	Peak
2	*	17475.000	42.91	5.44	48.35	-19.85	68.20	100	130	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

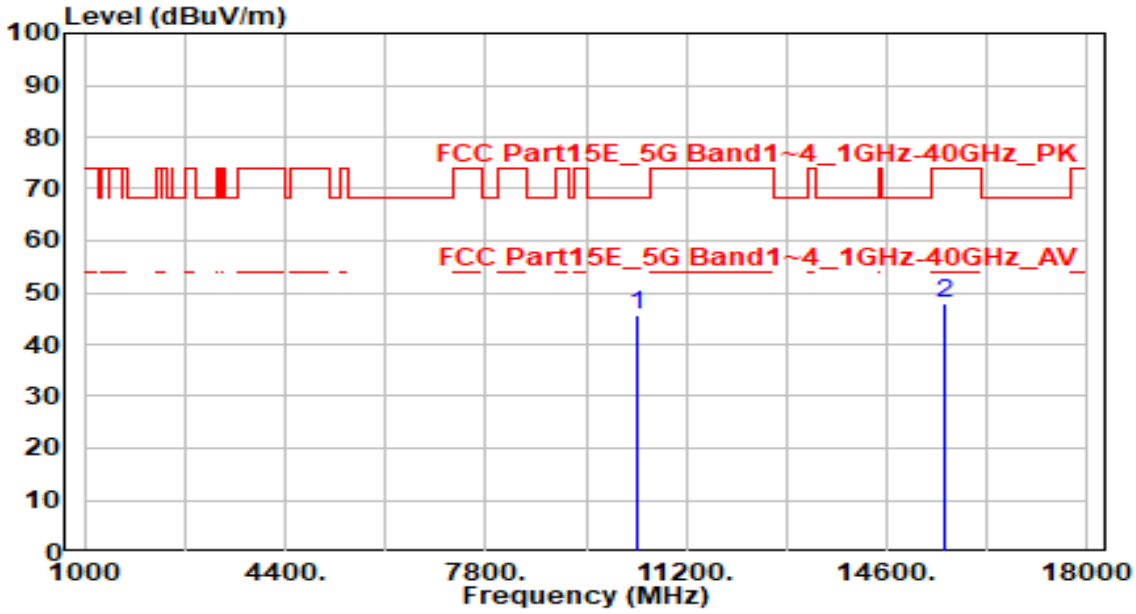


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	43.10	5.30	48.40	-19.80	68.20	100	100	Peak
2		15570.000	42.35	6.41	48.76	-25.24	74.00	100	300	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

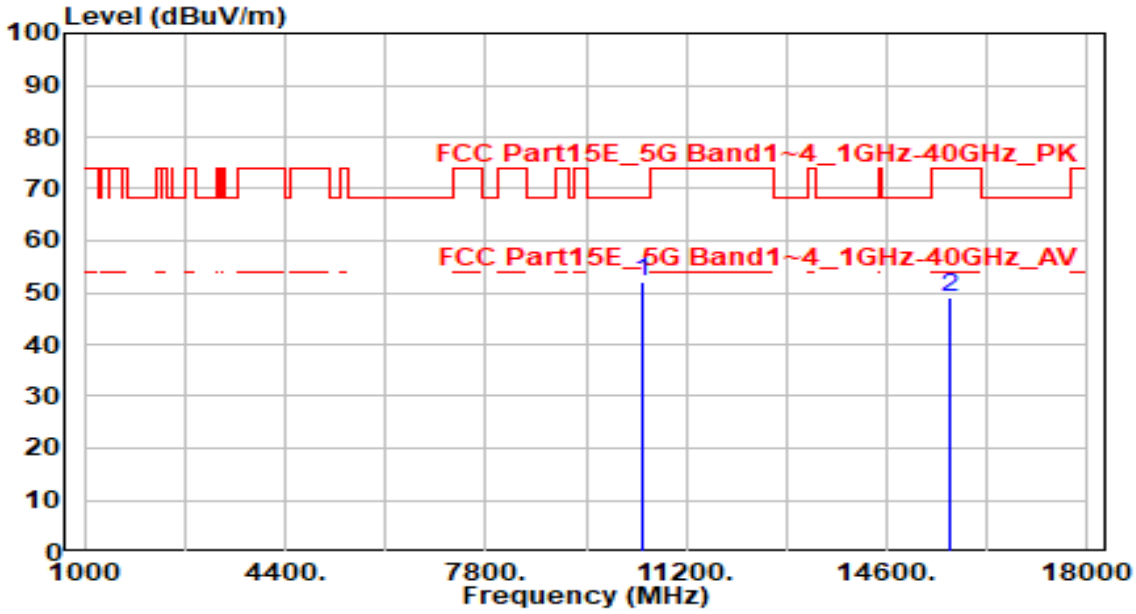


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10380.000	40.26	5.30	45.56	-22.64	68.20	100	0	Peak
2		15570.000	41.47	6.41	47.89	-26.11	74.00	100	245	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

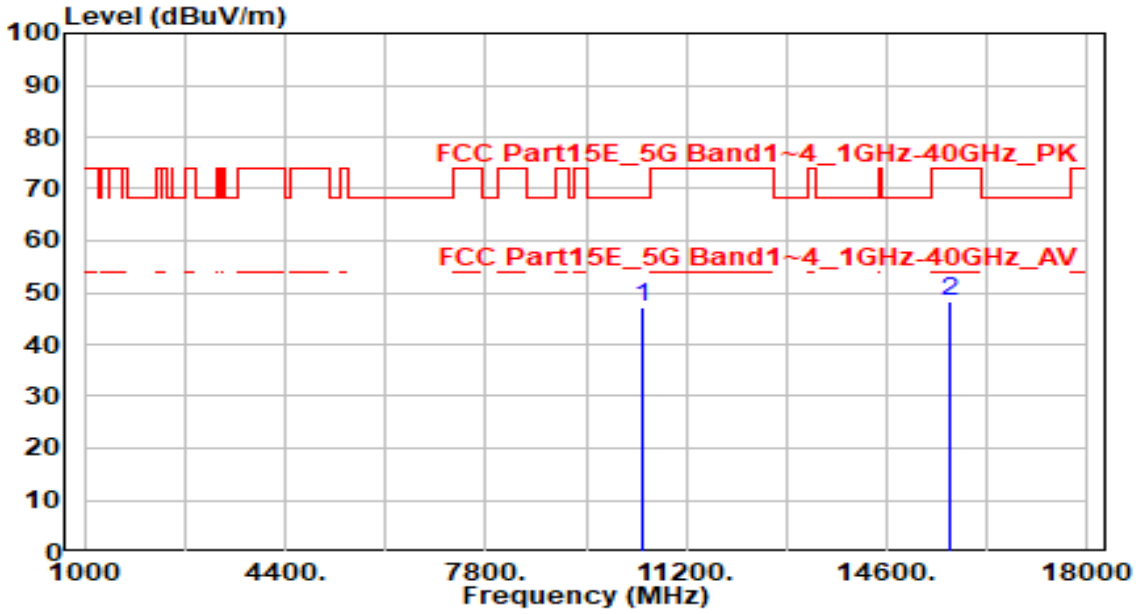


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	46.96	5.27	52.23	-15.97	68.20	100	115	Peak
2		15690.000	42.61	6.63	49.24	-24.76	74.00	100	110	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

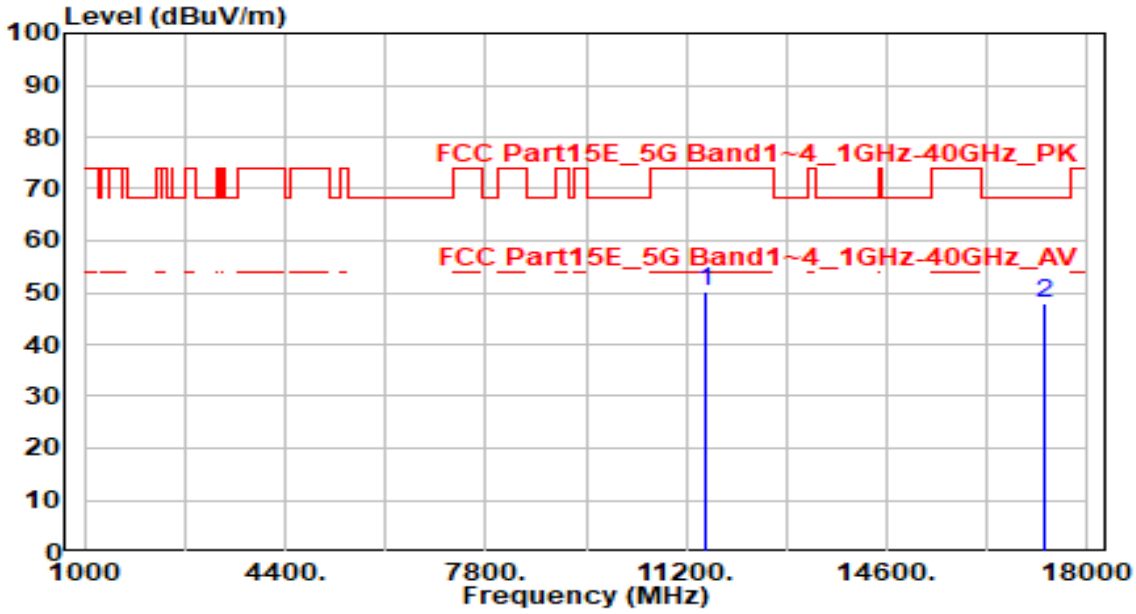


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10460.000	41.82	5.27	47.08	-21.12	68.20	100	0	Peak
2		15690.000	41.74	6.63	48.36	-25.64	74.00	100	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

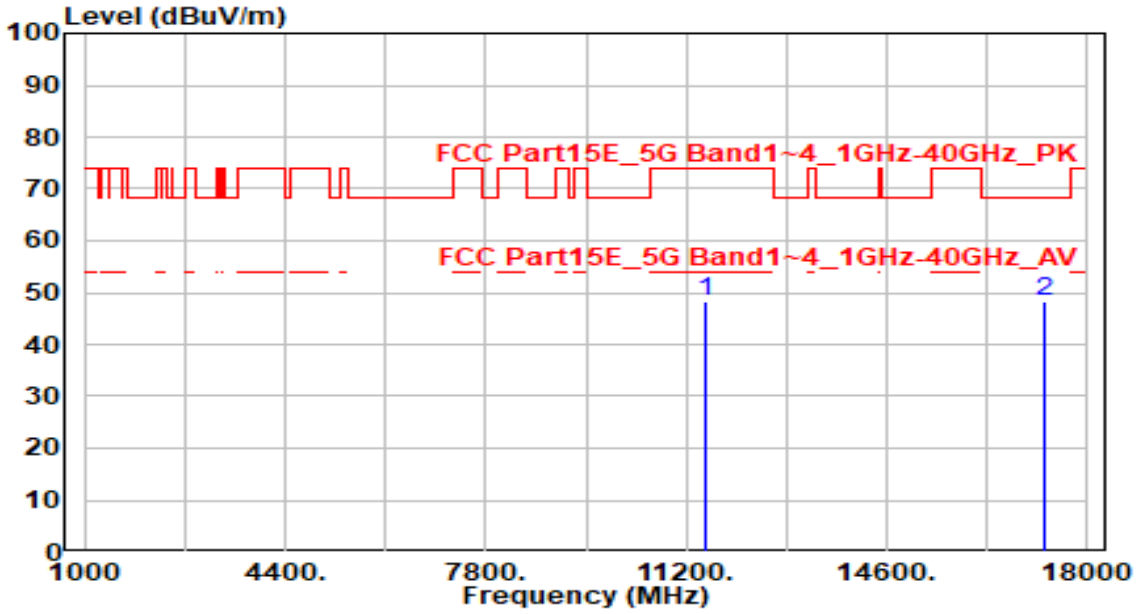


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	44.29	5.94	50.22	-23.78	74.00	100	200	Peak
2	*	17265.000	42.23	5.72	47.95	-20.25	68.20	100	360	Peak

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

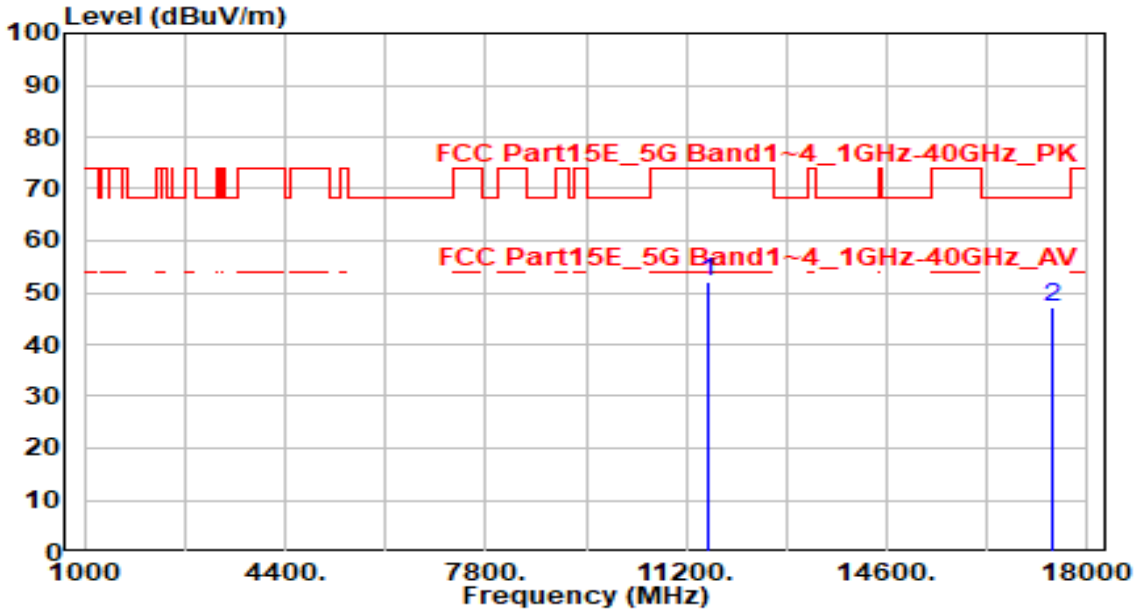


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11510.000	42.46	5.94	48.40	-25.60	74.00	100	285	Peak
2	*	17265.000	42.59	5.72	48.31	-19.89	68.20	100	195	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

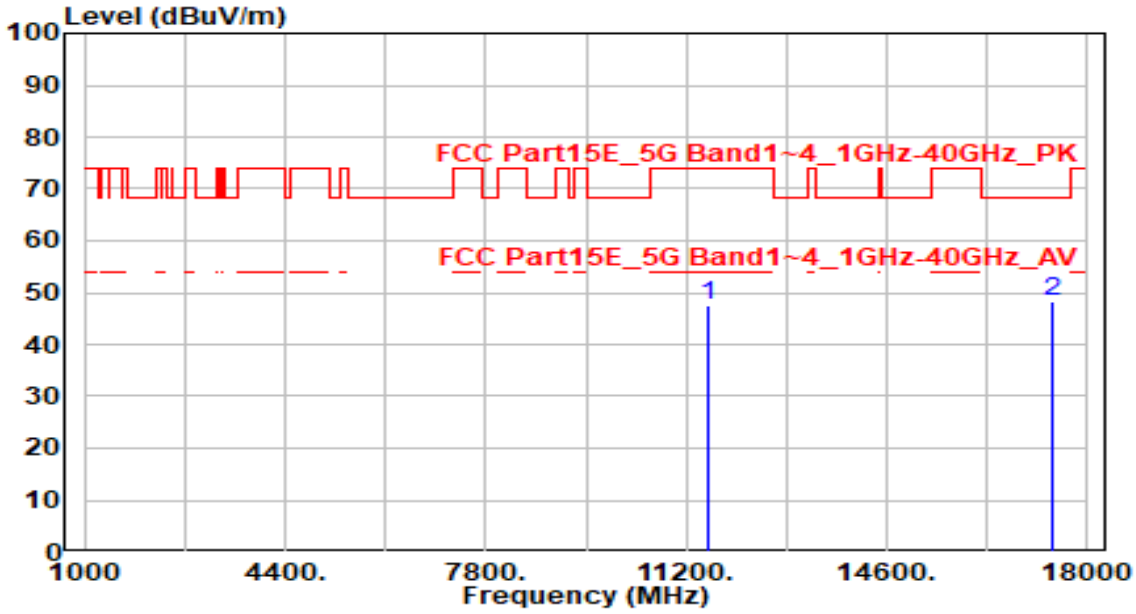


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	46.13	5.90	52.04	-21.96	74.00	100	150	Peak
2	*	17385.000	41.72	5.47	47.19	-21.01	68.20	100	135	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

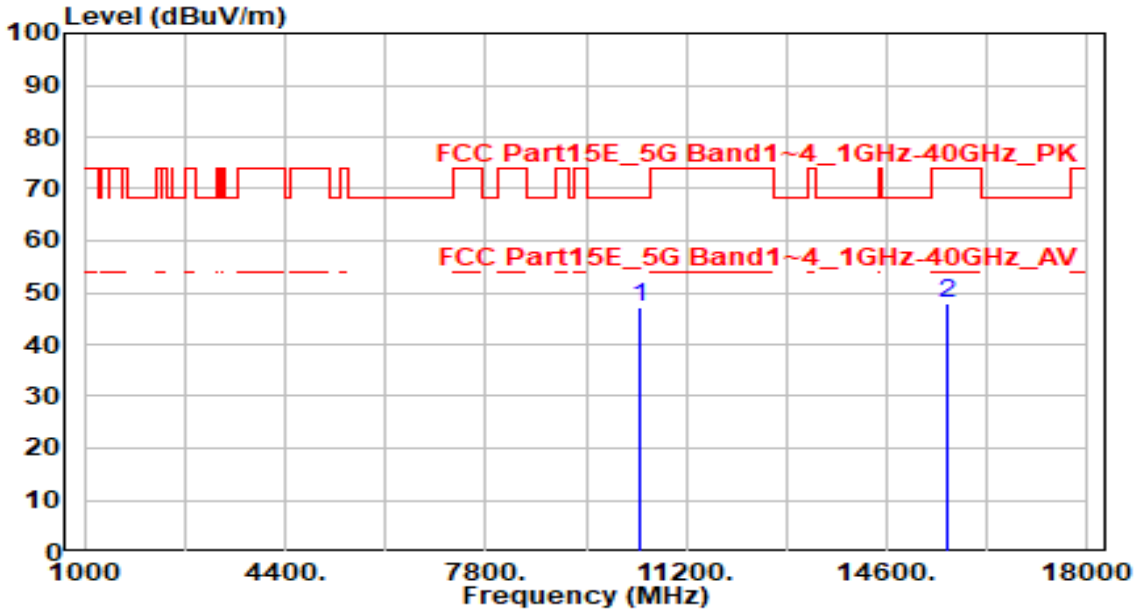


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11590.000	41.54	5.90	47.44	-26.56	74.00	100	115	Peak
2	*	17385.000	42.78	5.47	48.25	-19.95	68.20	100	280	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

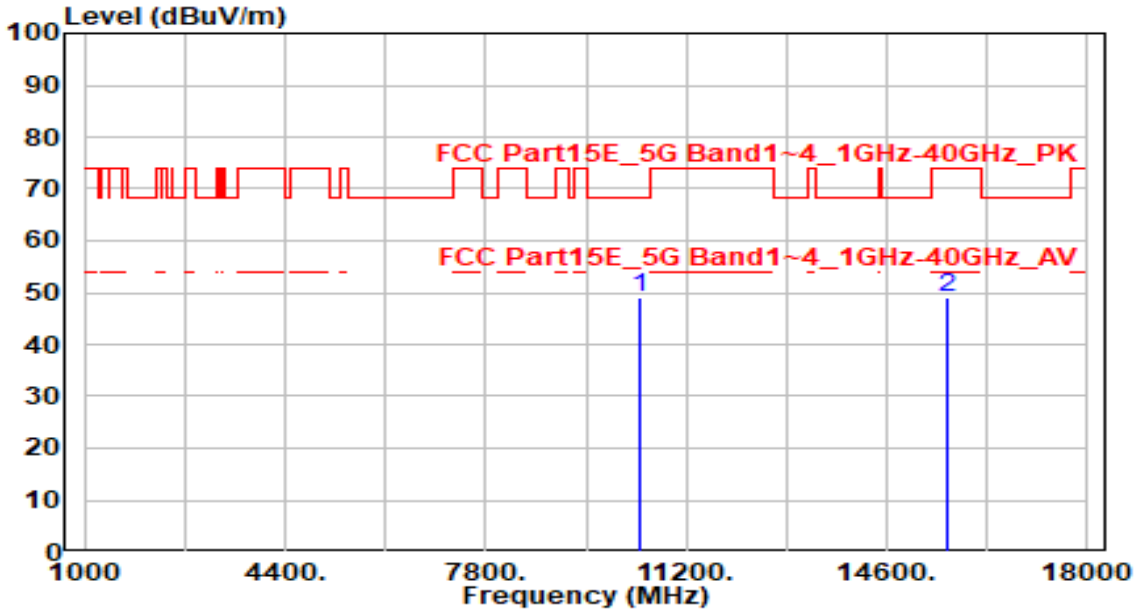


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	41.97	5.29	47.26	-20.94	68.20	100	105	Peak
2		15630.000	41.56	6.49	48.05	-25.95	74.00	100	360	Peak

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

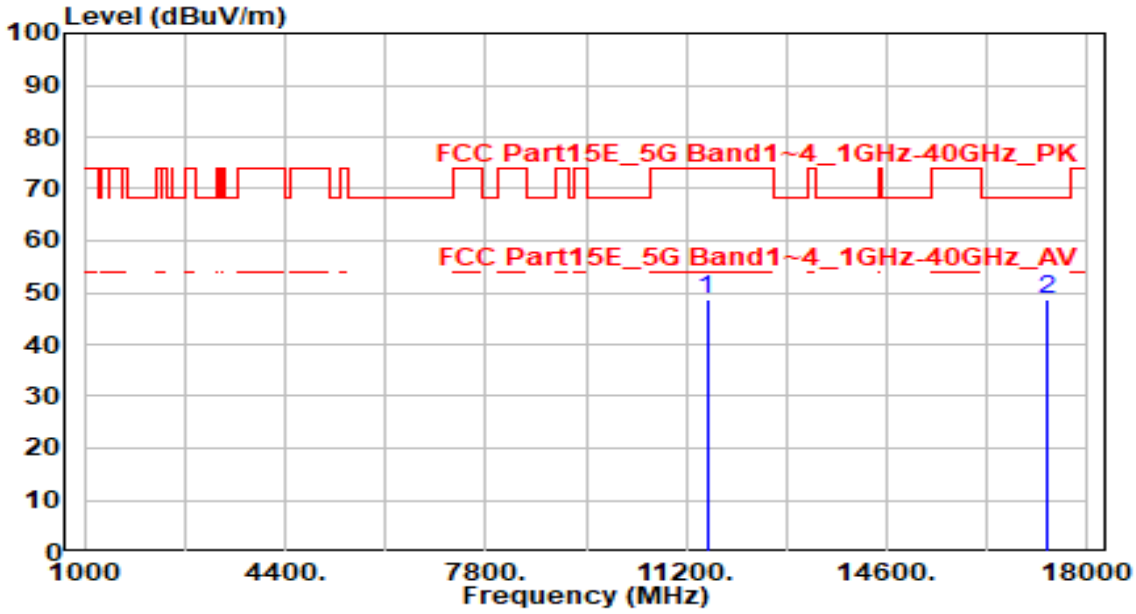


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10420.000	43.64	5.29	48.93	-19.27	68.20	100	260	Peak
2		15630.000	42.43	6.49	48.93	-25.07	74.00	100	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

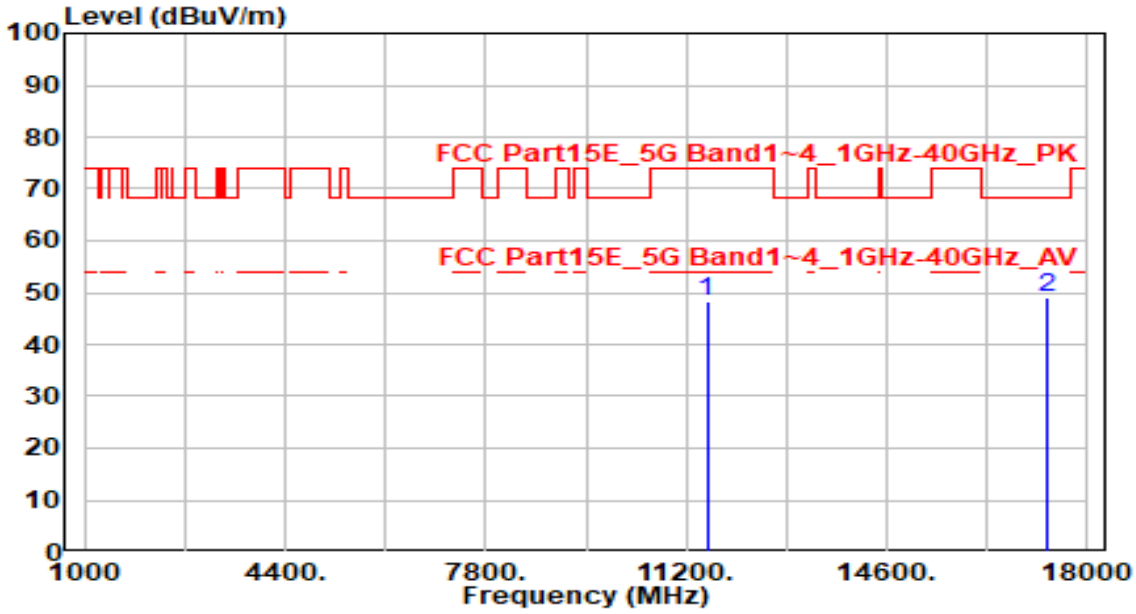


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	42.69	5.92	48.61	-25.39	74.00	100	205	Peak
2	*	17325.000	42.92	5.60	48.52	-19.68	68.20	100	125	Peak

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. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

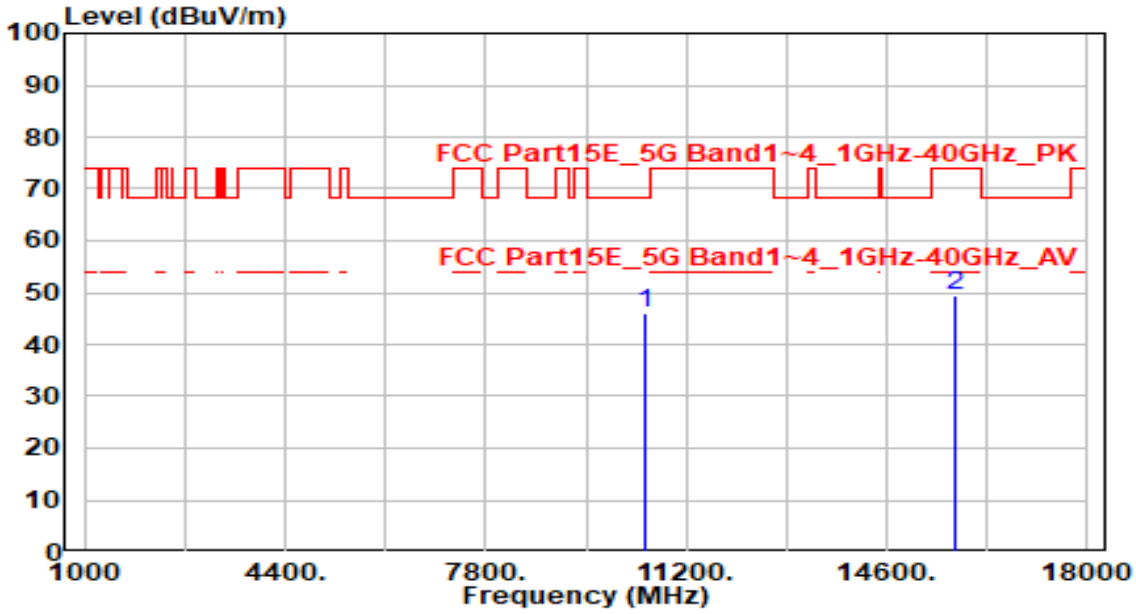


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		11550.000	42.43	5.92	48.35	-25.65	74.00	100	285	Peak
2	*	17325.000	43.56	5.60	49.16	-19.04	68.20	100	160	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

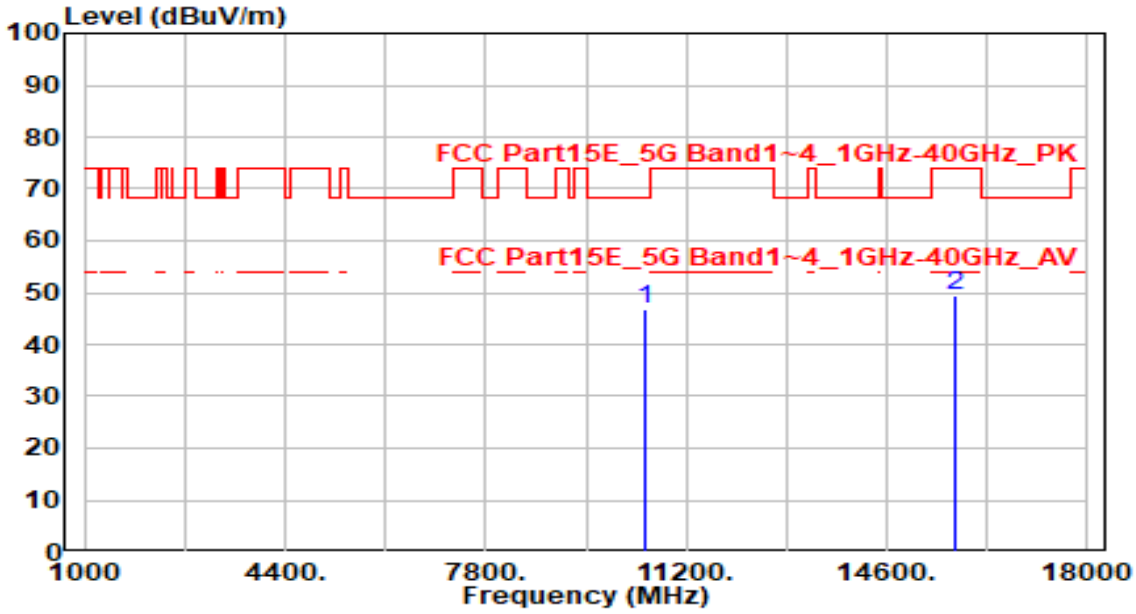


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10500.000	40.85	5.25	46.10	-22.10	68.20	100	210	Peak
2		15750.000	42.64	6.76	49.41	-24.59	74.00	100	25	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

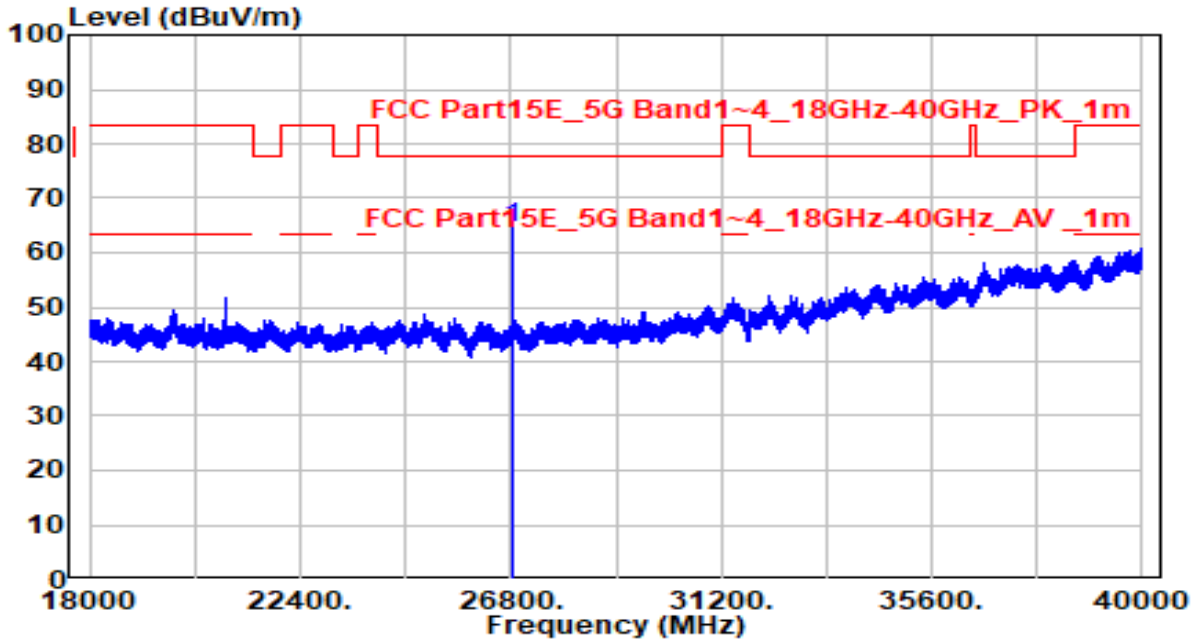


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	10500.000	41.53	5.25	46.78	-21.42	68.20	100	0	Peak
2		15750.000	42.86	6.76	49.62	-24.38	74.00	100	210	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-06-27
Factor	BBHA 9170	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

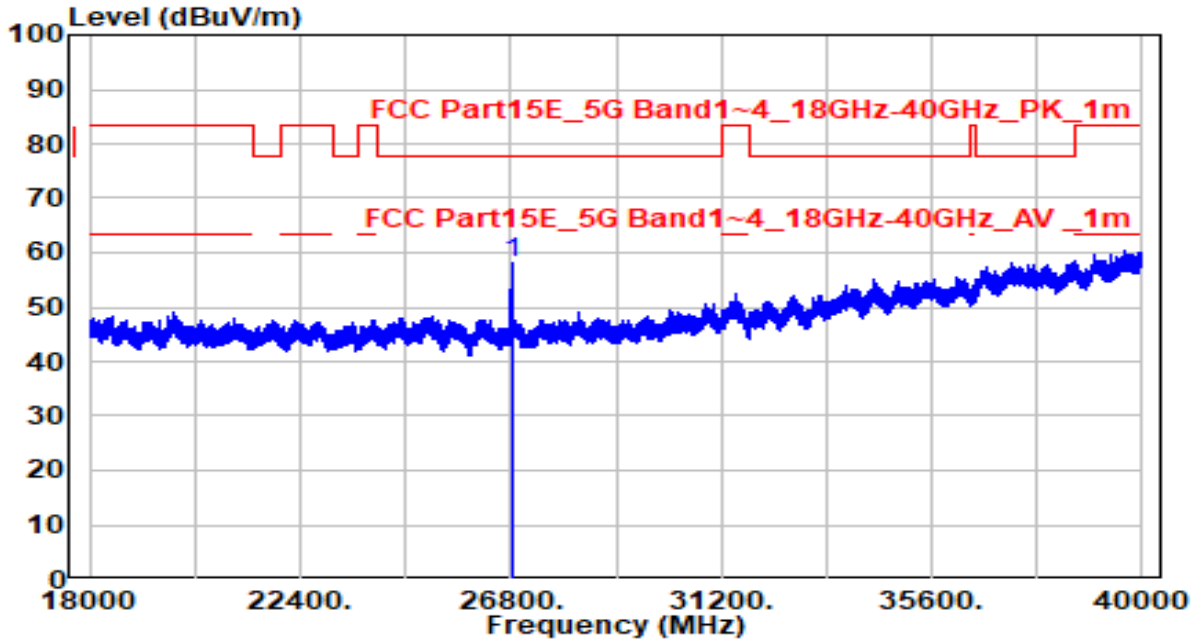


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	26822.000	51.96	12.59	64.54	-13.16	77.70	150	360	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-06-27
Factor	BBHA 9170	Temp. / Humidity	23°C /63%
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	*	26819.250	45.71	12.59	58.29	-19.41	77.70	150	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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

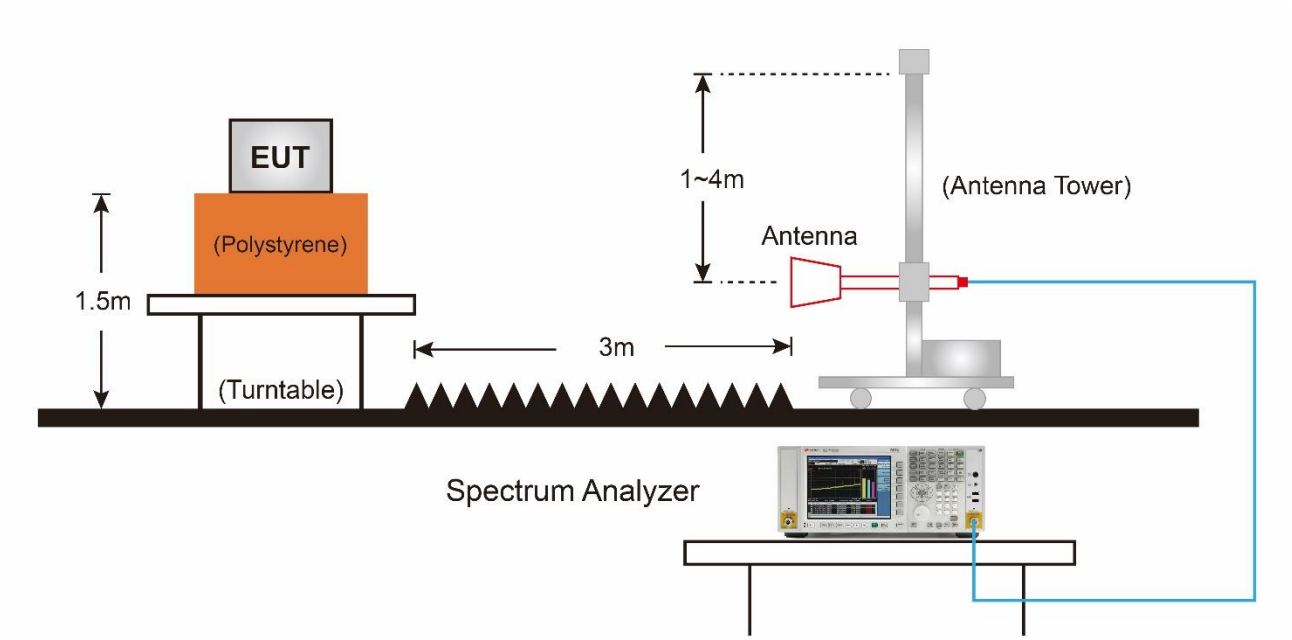
3. VBW If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.

4. Detector = Peak

5. Sweep time = auto

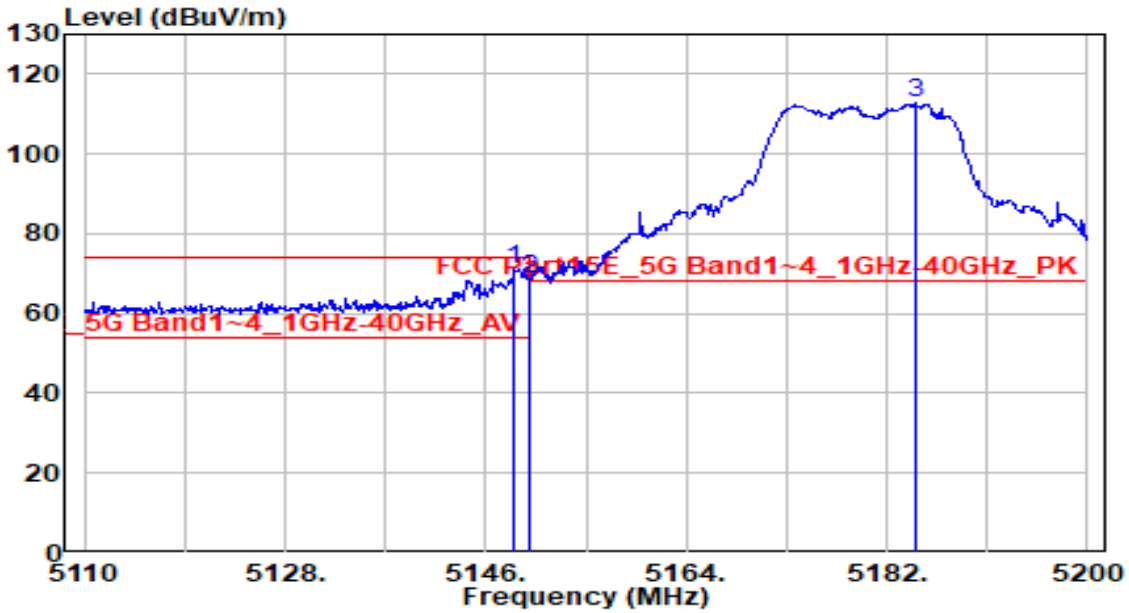
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.9.4.Test Setup



7.9.5.Test Result

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

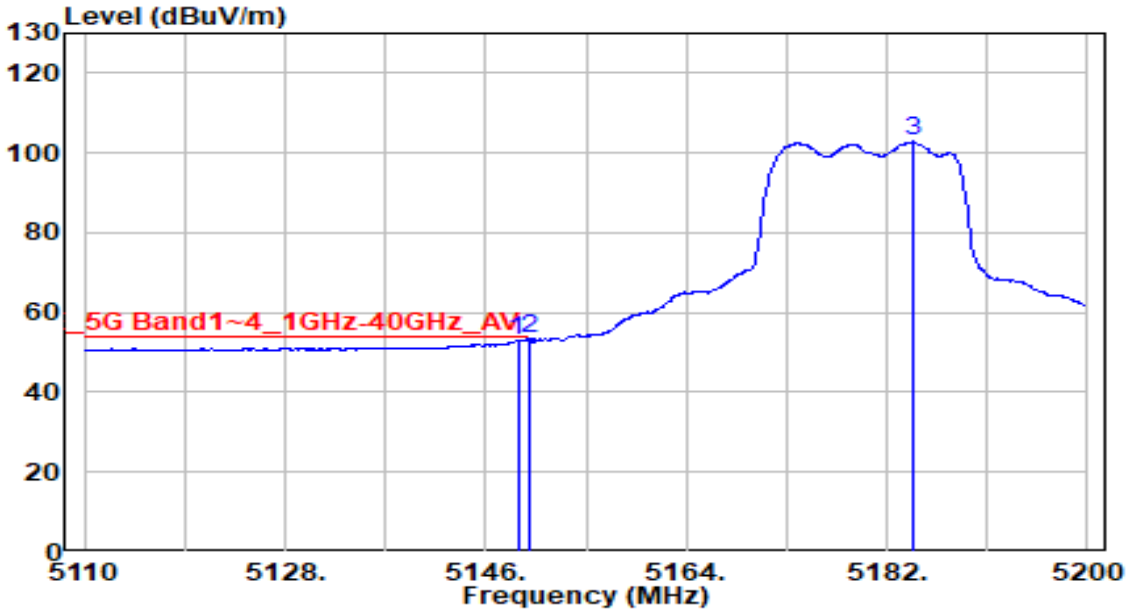


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.610	70.28	0.79	71.07	-2.93	74.00	120	235	Peak
2		5150.000	68.11	0.80	68.91	-5.09	74.00	120	235	Peak
3		5184.520	111.82	0.84	112.66	N/A	N/A	120	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

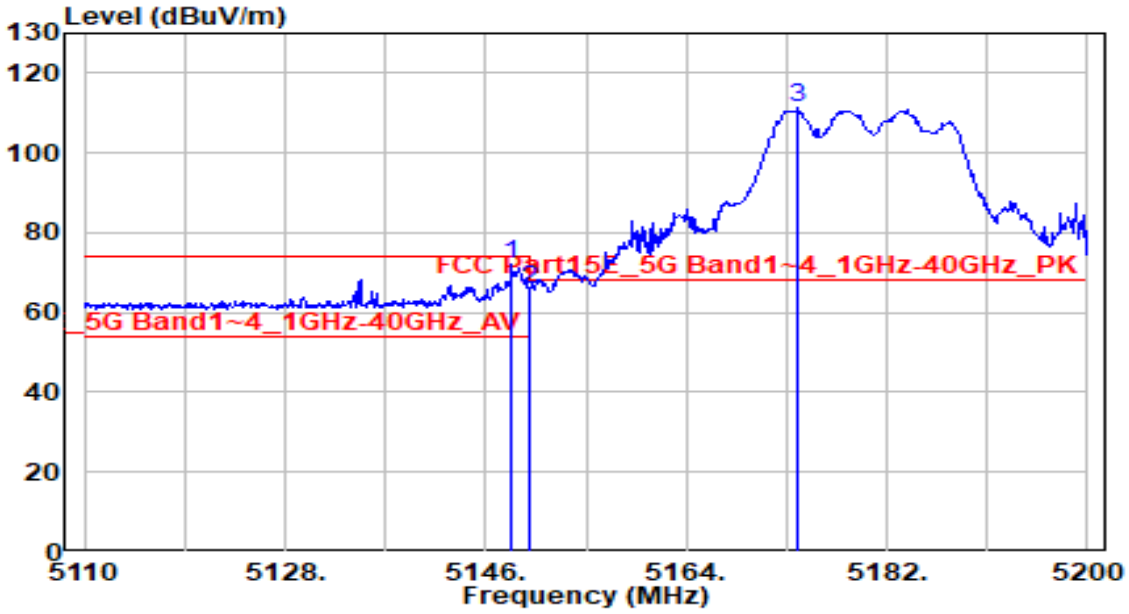


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.880	52.20	0.79	53.00	-1.00	54.00	120	235	Average
2	*	5150.000	52.90	0.80	53.70	-0.30	54.00	120	235	Average
3		5184.430	101.94	0.84	102.78	N/A	N/A	120	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

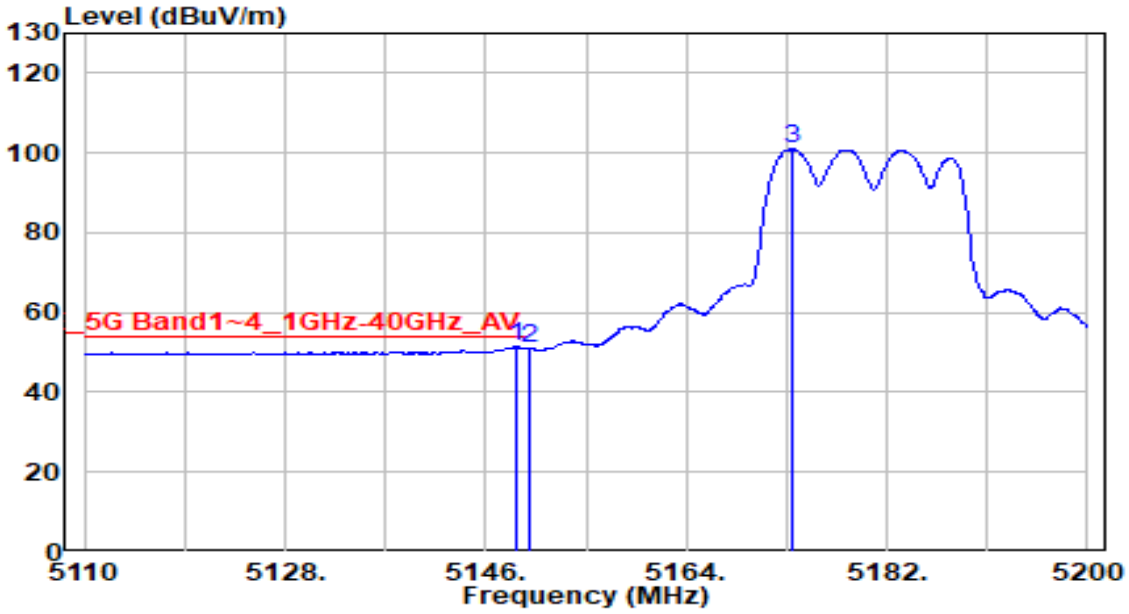


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.340	71.43	0.79	72.22	-1.78	74.00	100	190	Peak
2		5150.000	65.18	0.80	65.98	-8.02	74.00	100	190	Peak
3		5174.080	110.50	0.83	111.32	N/A	N/A	100	190	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

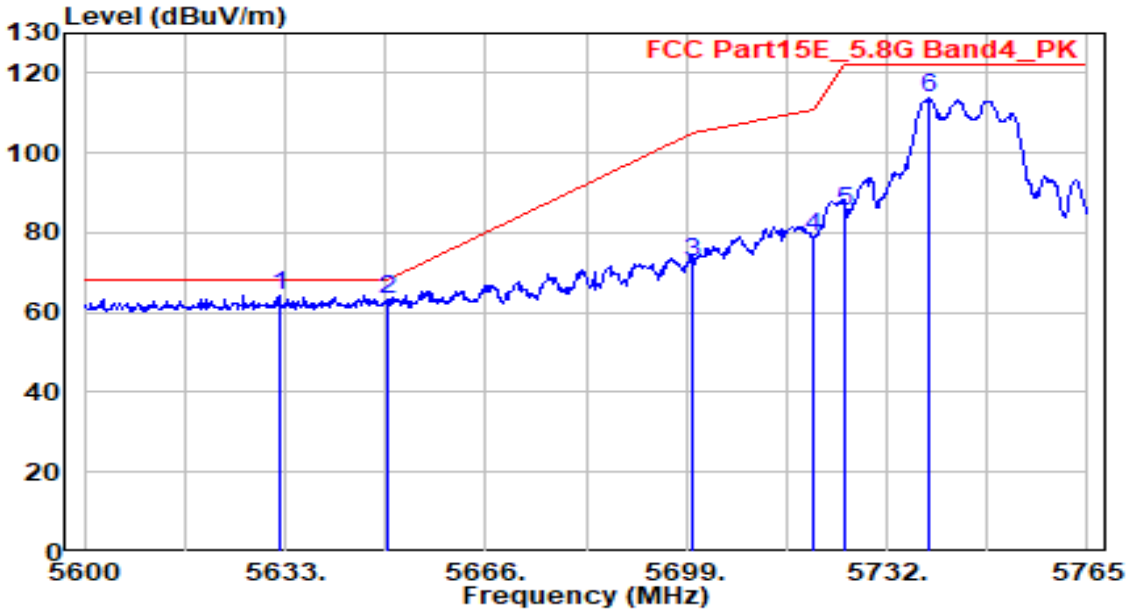


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.790	50.70	0.79	51.49	-2.51	54.00	100	190	Average
2		5150.000	50.20	0.80	50.99	-3.01	54.00	100	190	Average
3		5173.450	100.14	0.83	100.96	N/A	N/A	100	190	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

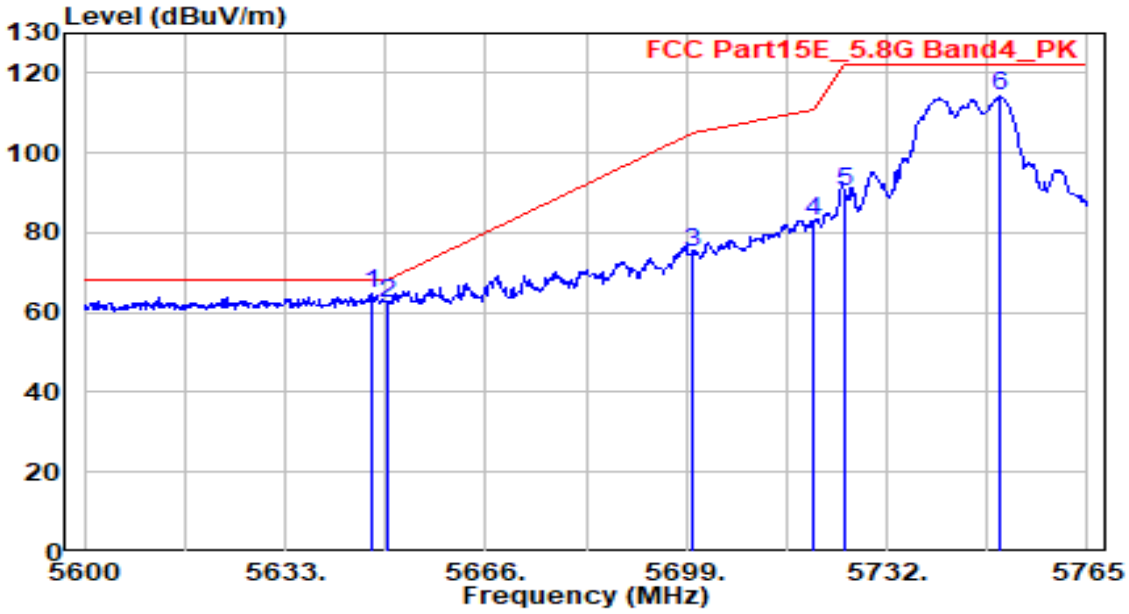


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5632.175	62.74	1.51	64.25	-3.95	68.20	100	220	Peak
2		5650.000	61.93	1.59	63.51	-4.69	68.20	100	220	Peak
3		5700.000	70.73	1.79	72.52	-32.68	105.20	100	220	Peak
4		5720.000	77.10	1.87	78.97	-31.83	110.80	100	220	Peak
5		5725.000	83.67	1.89	85.56	-36.64	122.20	100	220	Peak
6		5738.930	111.79	1.95	113.74	N/A	N/A	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

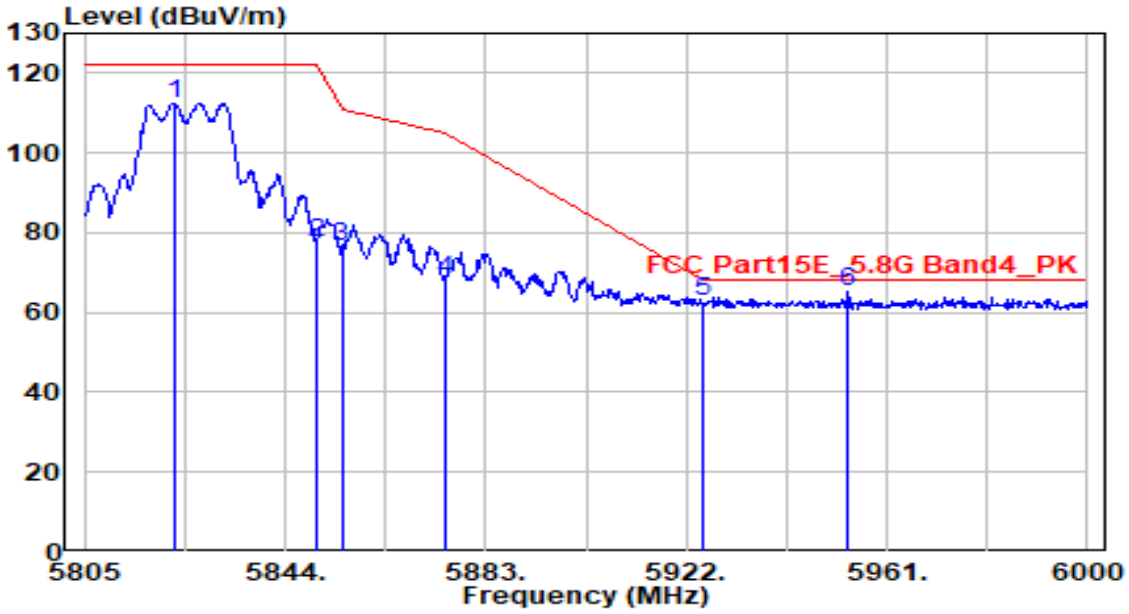


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.190	63.11	1.57	64.69	-3.51	68.20	100	200	Peak
2		5650.000	60.72	1.59	62.31	-5.89	68.20	100	200	Peak
3		5700.000	73.15	1.79	74.94	-30.26	105.20	100	200	Peak
4		5720.000	81.22	1.87	83.09	-27.71	110.80	100	200	Peak
5		5725.000	88.15	1.89	90.04	-32.16	122.20	100	200	Peak
6		5750.480	112.12	1.99	114.11	N/A	N/A	100	200	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

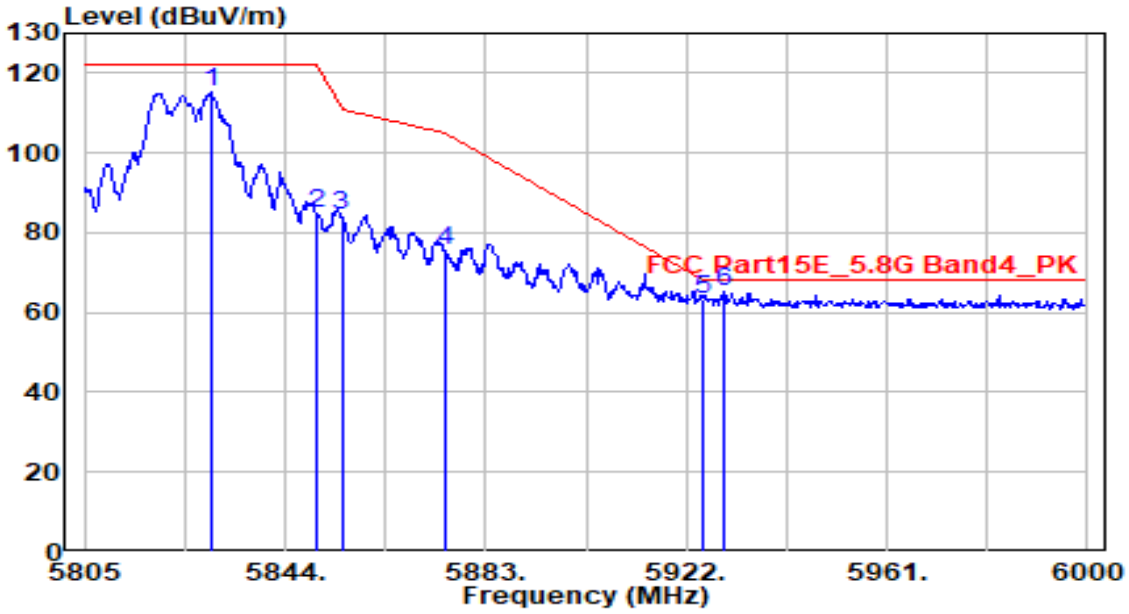


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5822.355	110.25	2.23	112.47	N/A	N/A	100	225	Peak
2		5850.000	75.10	2.27	77.37	-44.83	122.20	100	225	Peak
3		5855.000	74.32	2.28	76.59	-34.21	110.80	100	225	Peak
4		5875.000	66.07	2.31	68.38	-36.82	105.20	100	225	Peak
5		5925.000	60.22	2.38	62.60	-5.60	68.20	100	225	Peak
6	*	5953.395	62.93	2.43	65.36	-2.84	68.20	100	225	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

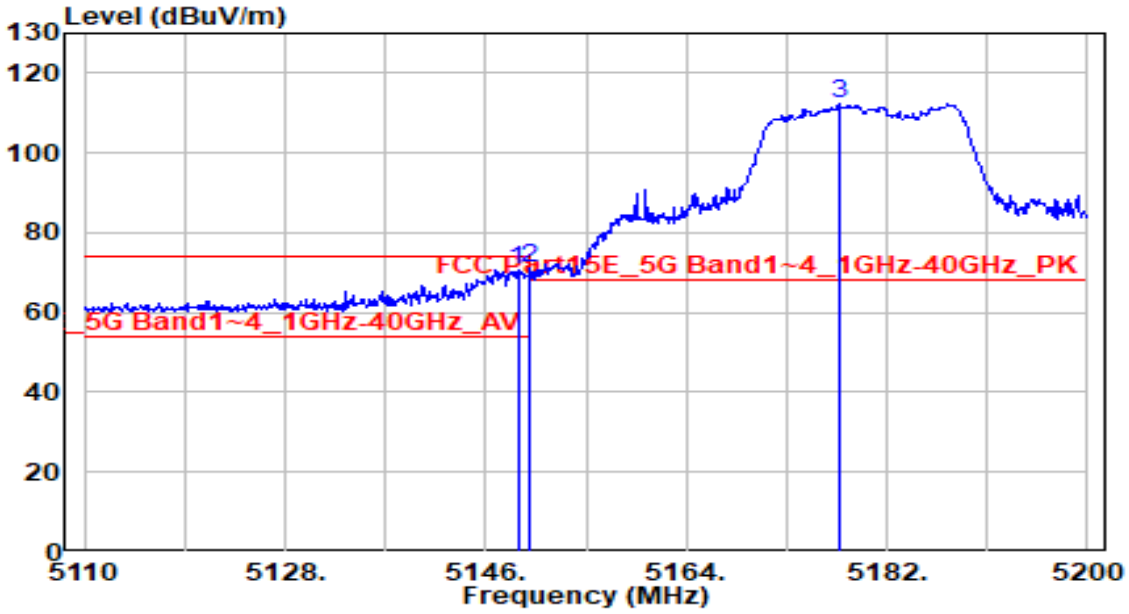


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5829.570	112.88	2.24	115.12	N/A	N/A	100	355	Peak
2		5850.000	82.81	2.27	85.07	-37.13	122.20	100	355	Peak
3		5855.000	82.14	2.28	84.42	-26.38	110.80	100	355	Peak
4		5875.000	73.34	2.31	75.65	-29.55	105.20	100	355	Peak
5		5925.000	60.69	2.38	63.08	-5.12	68.20	100	355	Peak
6	*	5929.215	62.65	2.39	65.04	-3.16	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

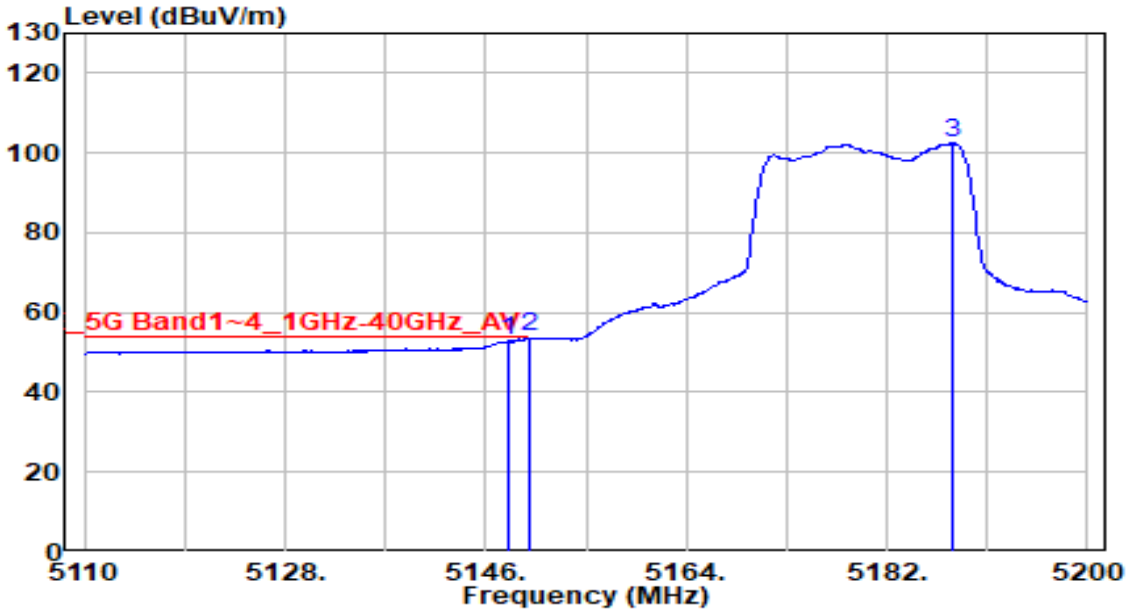


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.880	69.87	0.79	70.67	-3.33	74.00	120	235	Peak
2	*	5150.000	70.29	0.80	71.09	-2.91	74.00	120	235	Peak
3		5177.680	111.47	0.83	112.30	N/A	N/A	120	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

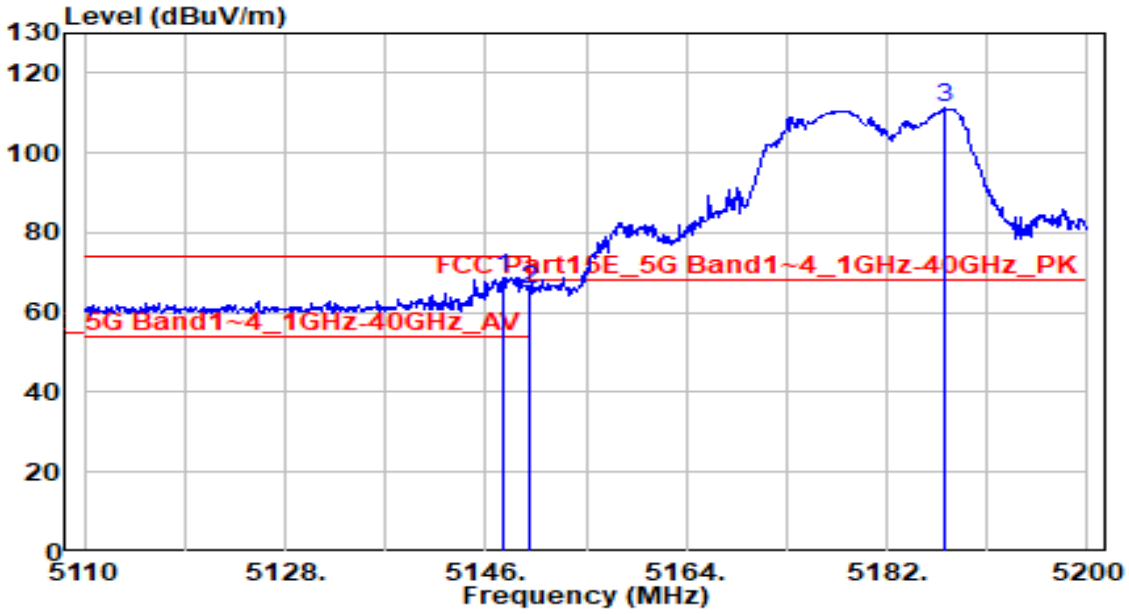


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.070	52.21	0.79	53.00	-1.00	54.00	120	235	Average
2	*	5150.000	52.98	0.80	53.78	-0.22	54.00	120	235	Average
3		5187.940	101.63	0.84	102.47	N/A	N/A	120	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

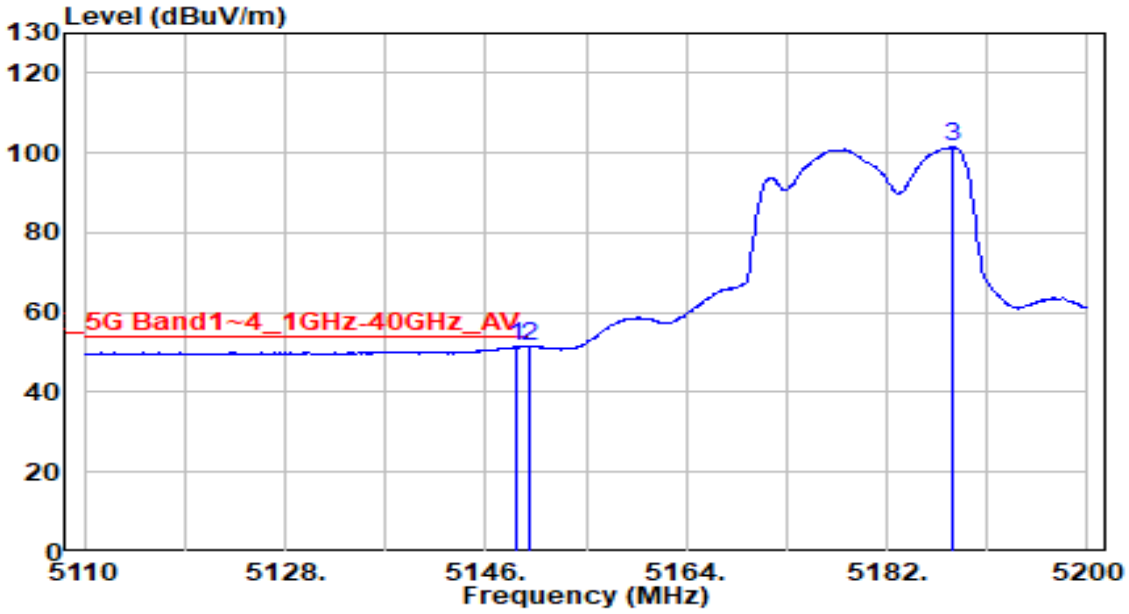


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.620	67.84	0.79	68.63	-5.37	74.00	105	185	Peak
2		5150.000	64.86	0.80	65.65	-8.35	74.00	105	185	Peak
3		5187.130	110.33	0.84	111.17	N/A	N/A	105	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

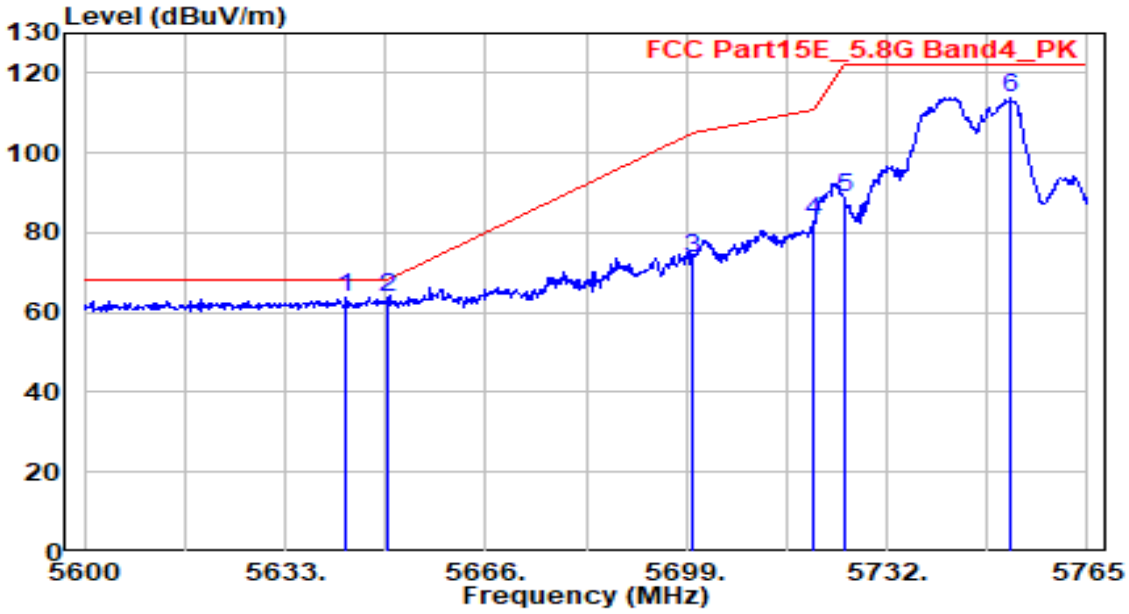


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.700	50.68	0.79	51.47	-2.53	54.00	105	185	Average
2		5150.000	50.65	0.80	51.45	-2.55	54.00	105	185	Average
3		5187.940	100.76	0.84	101.61	N/A	N/A	105	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

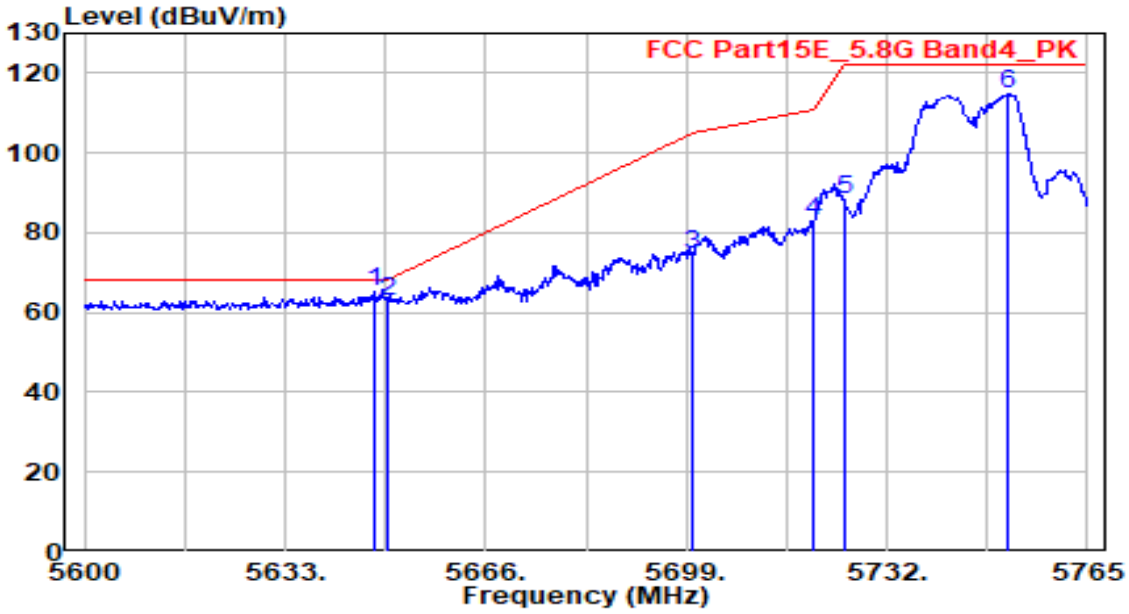


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5643.065	62.21	1.56	63.77	-4.43	68.20	100	220	Peak
2	*	5650.000	62.41	1.59	64.00	-4.20	68.20	100	220	Peak
3		5700.000	71.84	1.79	73.63	-31.57	105.20	100	220	Peak
4		5720.000	80.86	1.87	82.73	-28.07	110.80	100	220	Peak
5		5725.000	87.05	1.89	88.94	-33.26	122.20	100	220	Peak
6		5752.460	111.82	2.00	113.82	N/A	N/A	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

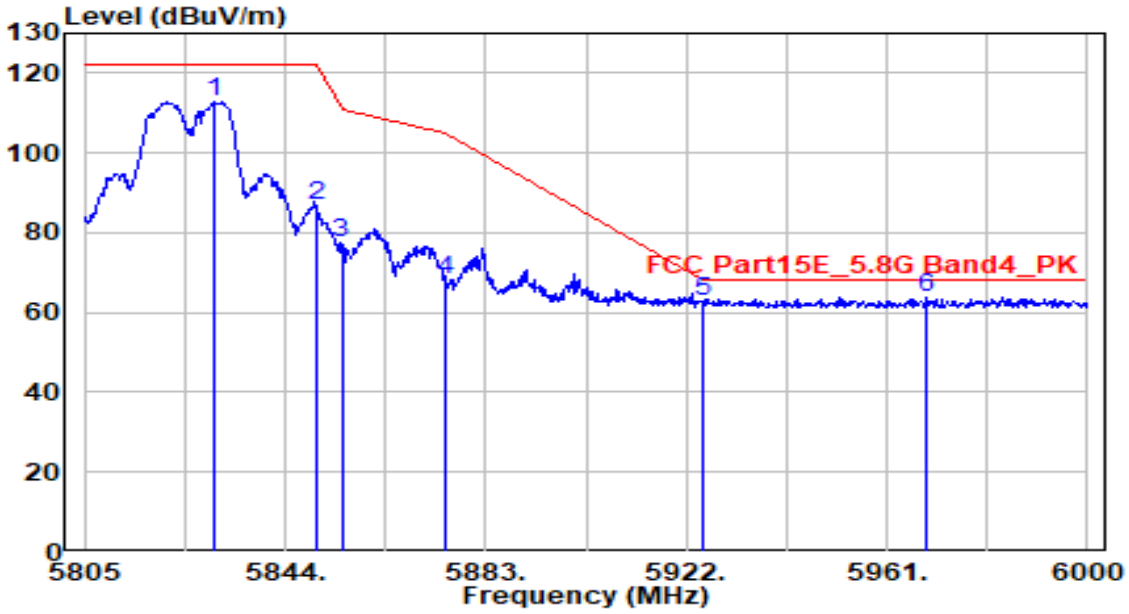


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.520	63.83	1.58	65.40	-2.80	68.20	115	20	Peak
2		5650.000	61.10	1.59	62.68	-5.52	68.20	115	20	Peak
3		5700.000	73.02	1.79	74.80	-30.40	105.20	115	20	Peak
4		5720.000	81.16	1.87	83.02	-27.78	110.80	115	20	Peak
5		5725.000	86.25	1.89	88.13	-34.07	122.20	115	20	Peak
6		5751.965	112.83	2.00	114.83	N/A	N/A	115	20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

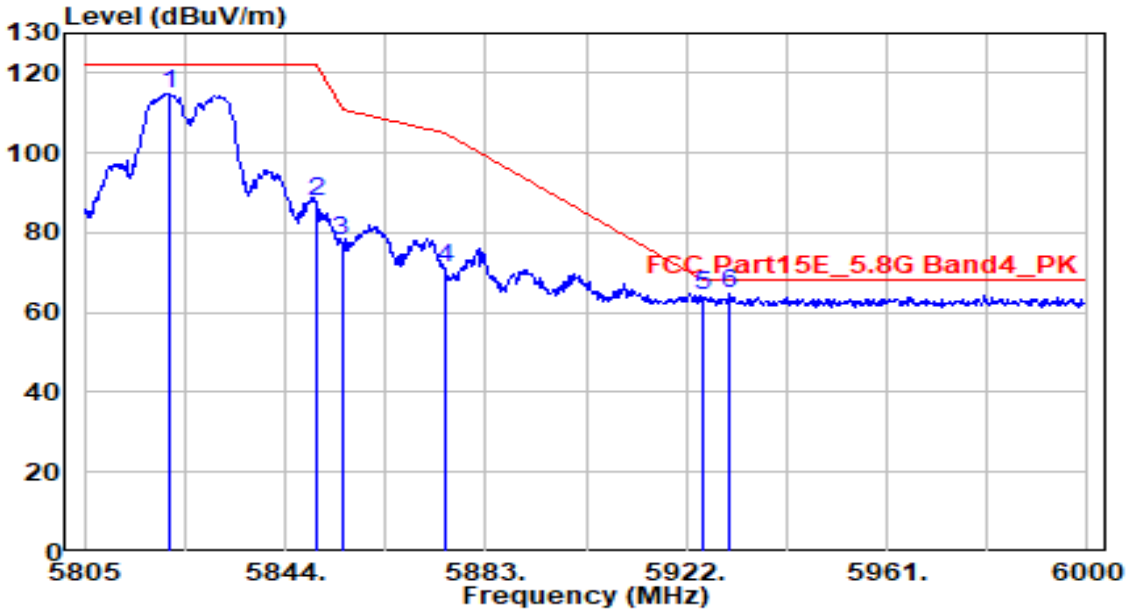


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5830.155	110.59	2.24	112.83	N/A	N/A	100	220	Peak
2		5850.000	84.36	2.27	86.63	-35.57	122.20	100	220	Peak
3		5855.000	75.13	2.28	77.41	-33.39	110.80	100	220	Peak
4		5875.000	65.70	2.31	68.01	-37.19	105.20	100	220	Peak
5		5925.000	60.29	2.38	62.67	-5.53	68.20	100	220	Peak
6	*	5968.605	61.56	2.45	64.01	-4.19	68.20	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

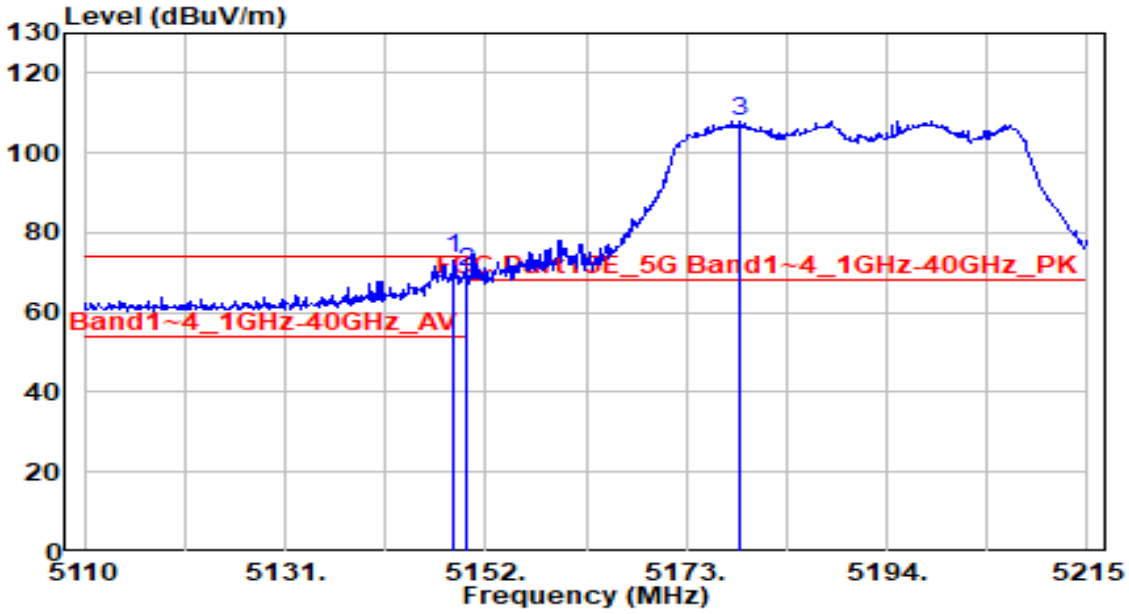


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5821.575	112.76	2.23	114.99	N/A	N/A	100	20	Peak
2		5850.000	85.32	2.27	87.59	-34.61	122.20	100	20	Peak
3		5855.000	75.77	2.28	78.05	-32.75	110.80	100	20	Peak
4		5875.000	68.76	2.31	71.07	-34.13	105.20	100	20	Peak
5		5925.000	61.82	2.38	64.20	-4.00	68.20	100	20	Peak
6	*	5930.580	62.28	2.39	64.67	-3.53	68.20	100	20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

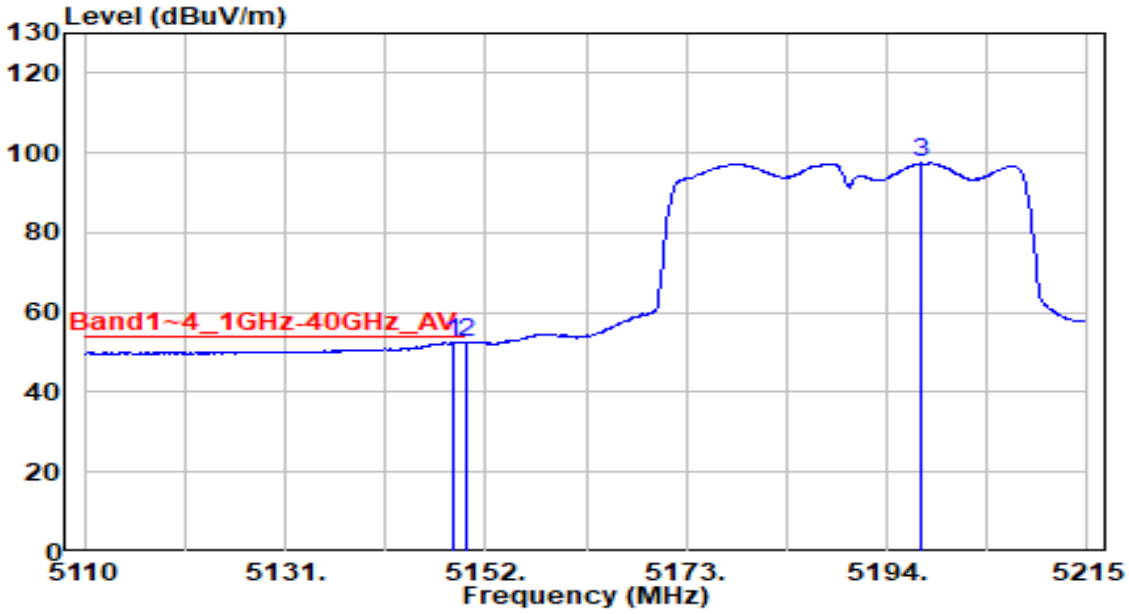


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.745	72.93	0.79	73.72	-0.28	74.00	120	235	Peak
2		5150.000	69.23	0.80	70.02	-3.98	74.00	120	235	Peak
3		5178.565	107.15	0.83	107.98	N/A	N/A	120	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

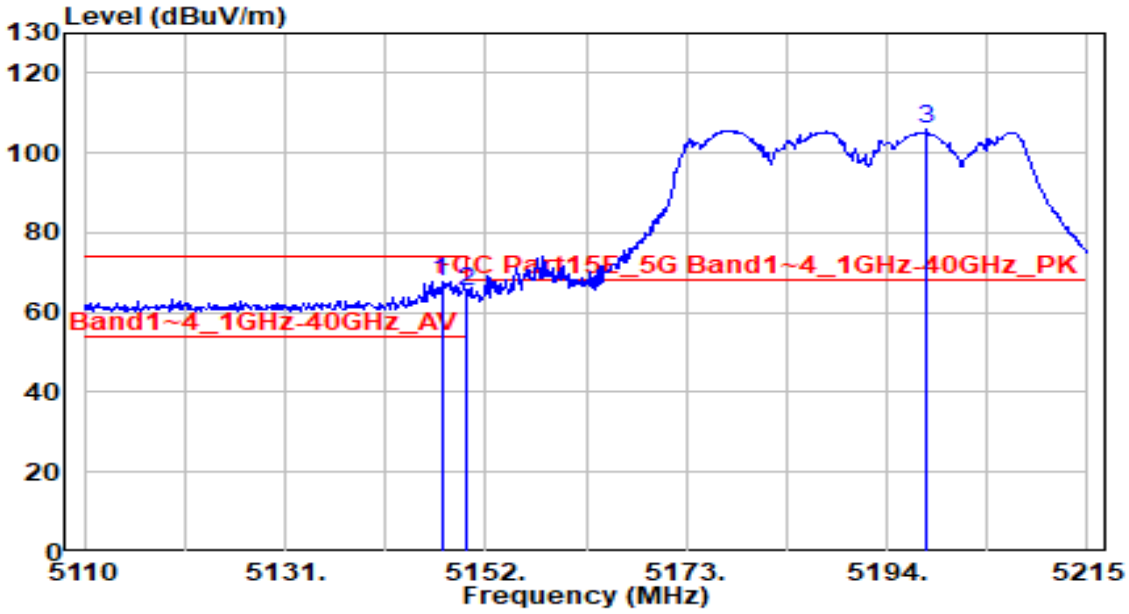


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.640	51.79	0.79	52.59	-1.41	54.00	120	235	Average
2		5150.000	51.65	0.80	52.44	-1.56	54.00	120	235	Average
3		5197.570	96.67	0.85	97.52	N/A	N/A	120	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

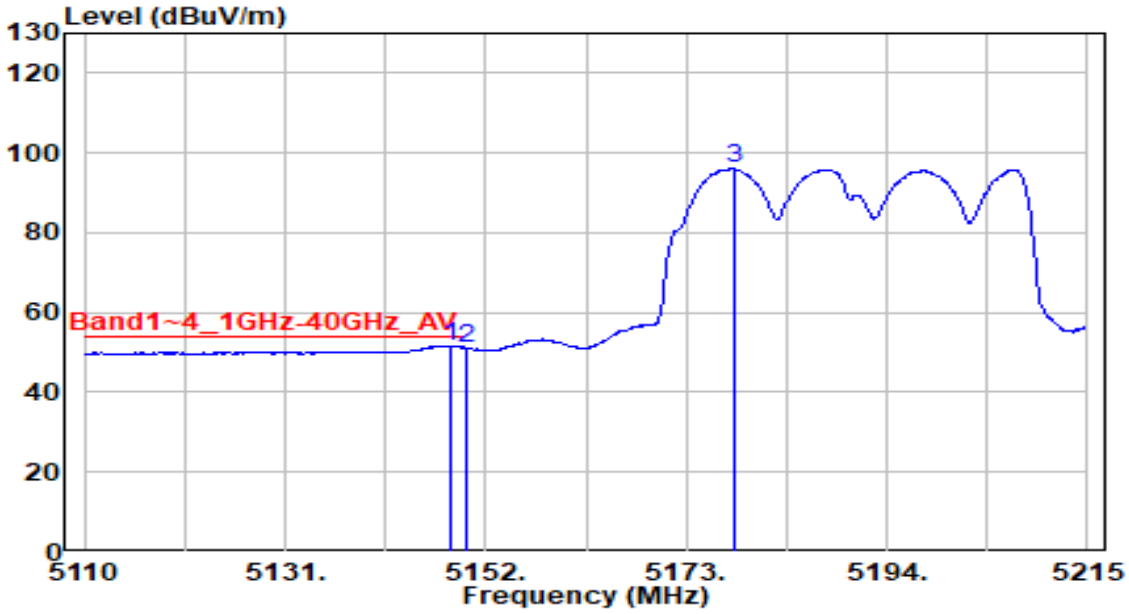


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.380	67.06	0.79	67.85	-6.15	74.00	100	185	Peak
2		5150.000	64.30	0.80	65.09	-8.91	74.00	100	185	Peak
3		5198.200	105.07	0.86	105.92	N/A	N/A	100	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

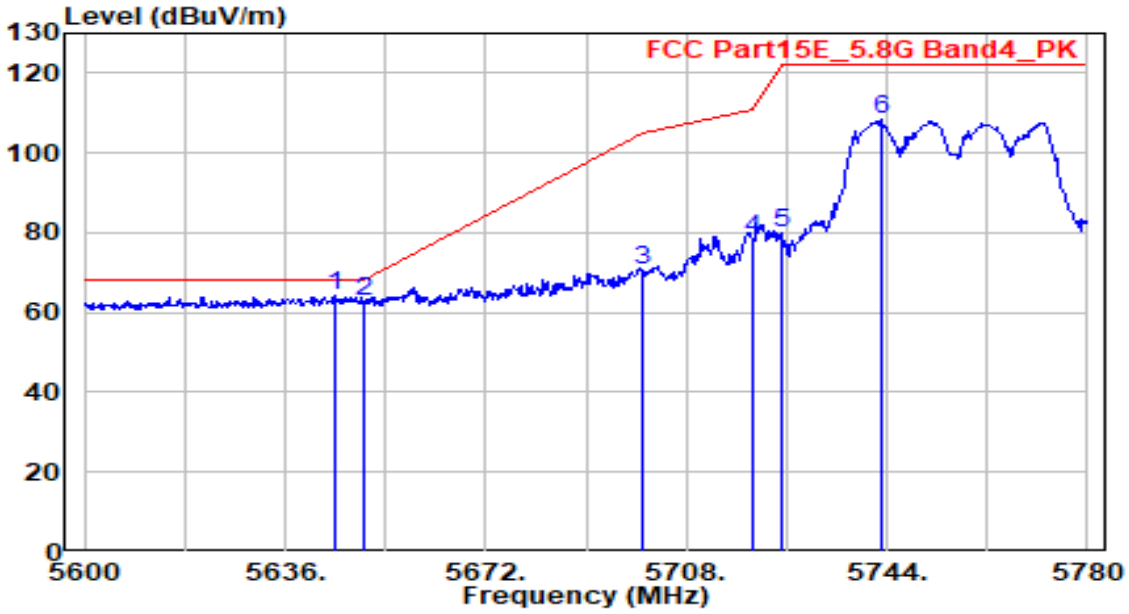


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.325	50.83	0.79	51.62	-2.38	54.00	100	185	Average
2		5150.000	50.21	0.80	51.01	-2.99	54.00	100	185	Average
3		5177.935	95.17	0.83	96.00	N/A	N/A	100	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

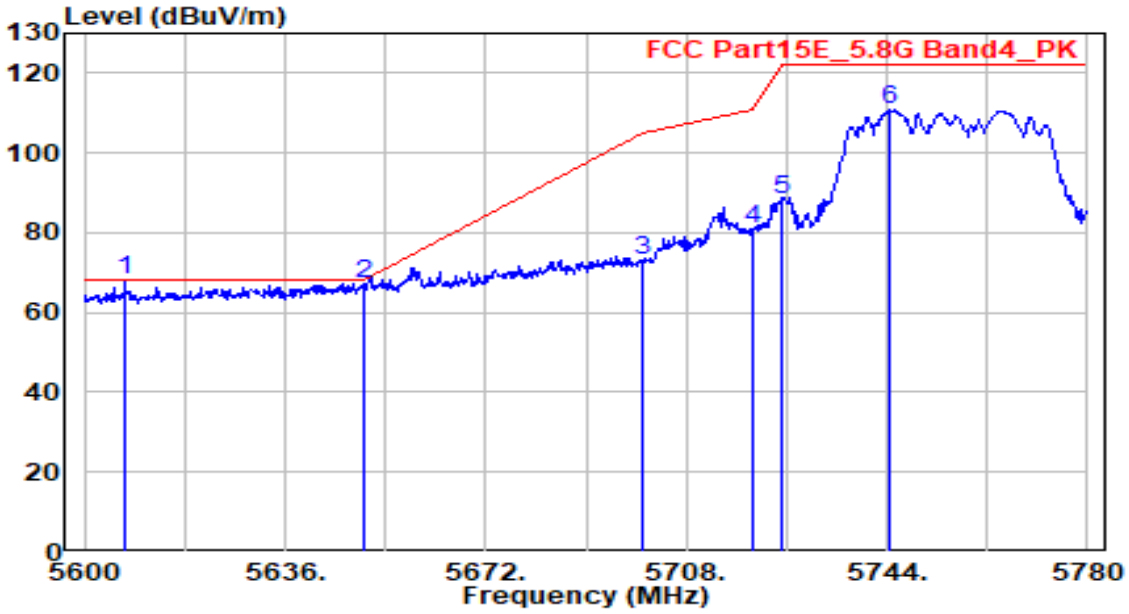


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5645.000	62.83	1.57	64.40	-3.80	68.20	100	220	Peak
2		5650.000	61.28	1.59	62.86	-5.34	68.20	100	220	Peak
3		5700.000	68.70	1.79	70.49	-34.71	105.20	100	220	Peak
4		5720.000	76.47	1.87	78.34	-32.46	110.80	100	220	Peak
5		5725.000	77.87	1.89	79.76	-42.44	122.20	100	220	Peak
6		5742.920	106.24	1.96	108.20	N/A	N/A	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

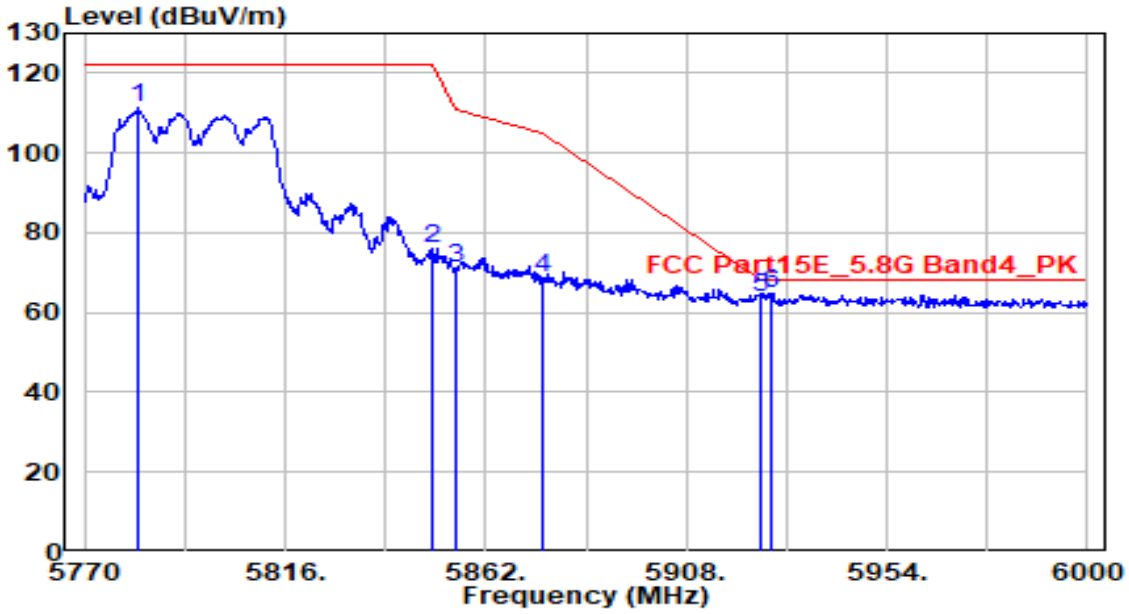


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5607.200	66.57	1.41	67.98	-0.22	68.20	105	355	Peak
2		5650.000	65.44	1.59	67.03	-1.17	68.20	105	355	Peak
3		5700.000	71.14	1.79	72.93	-32.27	105.20	105	355	Peak
4		5720.000	79.05	1.87	80.92	-29.88	110.80	105	355	Peak
5		5725.000	86.40	1.89	88.29	-33.91	122.20	105	355	Peak
6		5744.360	108.76	1.97	110.73	N/A	N/A	105	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

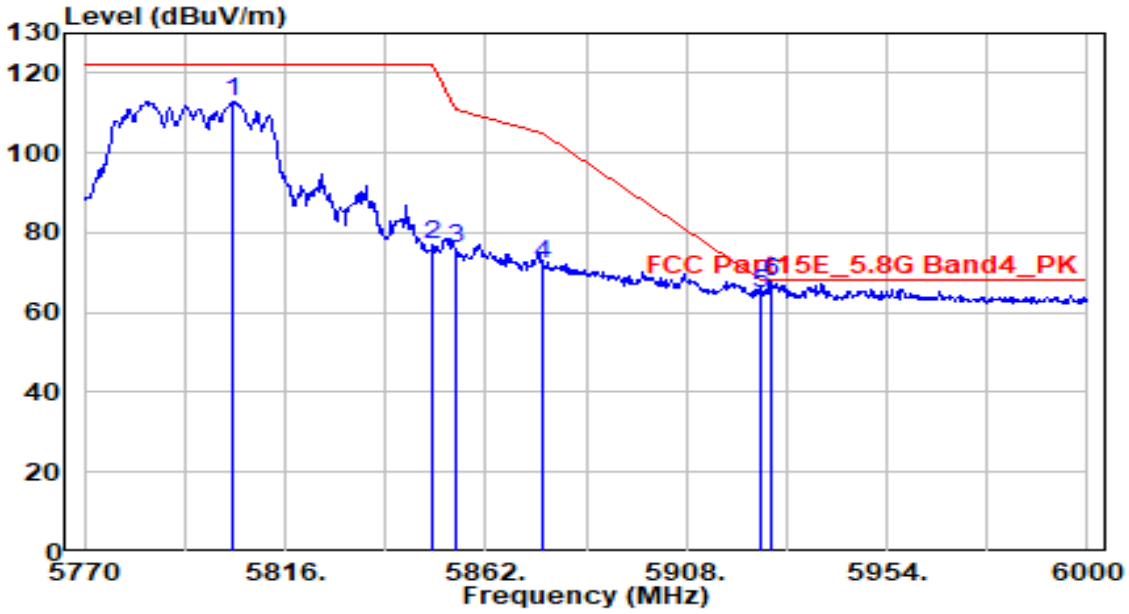


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5782.420	109.01	2.12	111.13	N/A	N/A	100	220	Peak
2		5850.000	74.01	2.27	76.28	-45.92	122.20	100	220	Peak
3		5855.000	68.75	2.28	71.03	-39.77	110.80	100	220	Peak
4		5875.000	66.26	2.31	68.57	-36.63	105.20	100	220	Peak
5		5925.000	61.32	2.38	63.71	-4.49	68.20	100	220	Peak
6	*	5927.320	62.39	2.39	64.78	-3.42	68.20	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

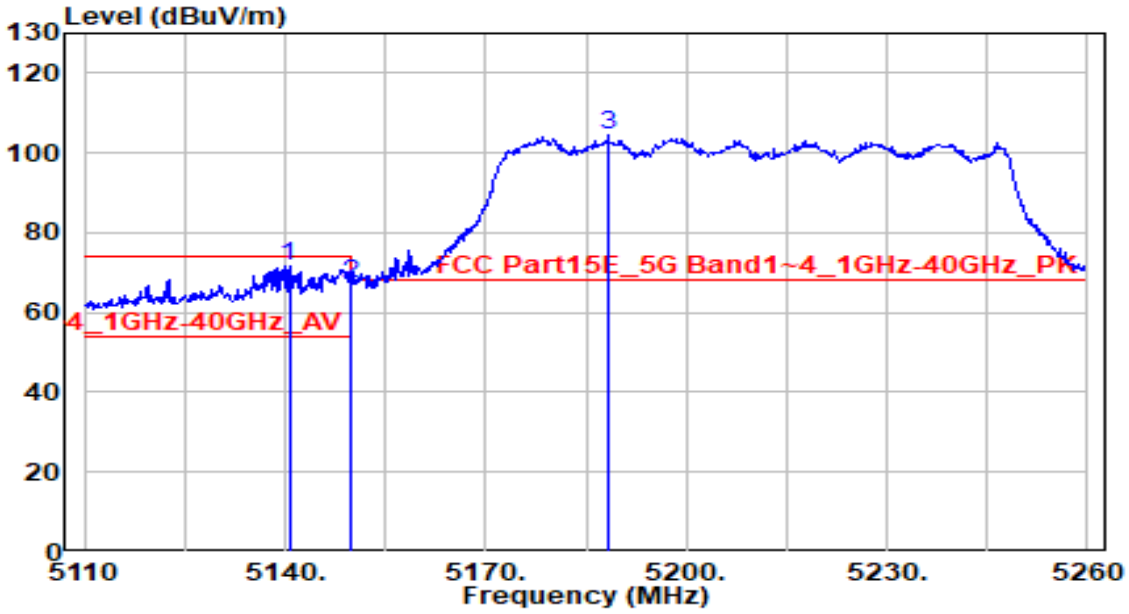


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5804.040	110.59	2.20	112.79	N/A	N/A	100	355	Peak
2		5850.000	74.63	2.27	76.90	-45.30	122.20	100	355	Peak
3		5855.000	73.74	2.28	76.01	-34.79	110.80	100	355	Peak
4		5875.000	69.62	2.31	71.93	-33.27	105.20	100	355	Peak
5		5925.000	62.16	2.38	64.54	-3.66	68.20	100	355	Peak
6	*	5927.320	65.51	2.39	67.90	-0.30	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

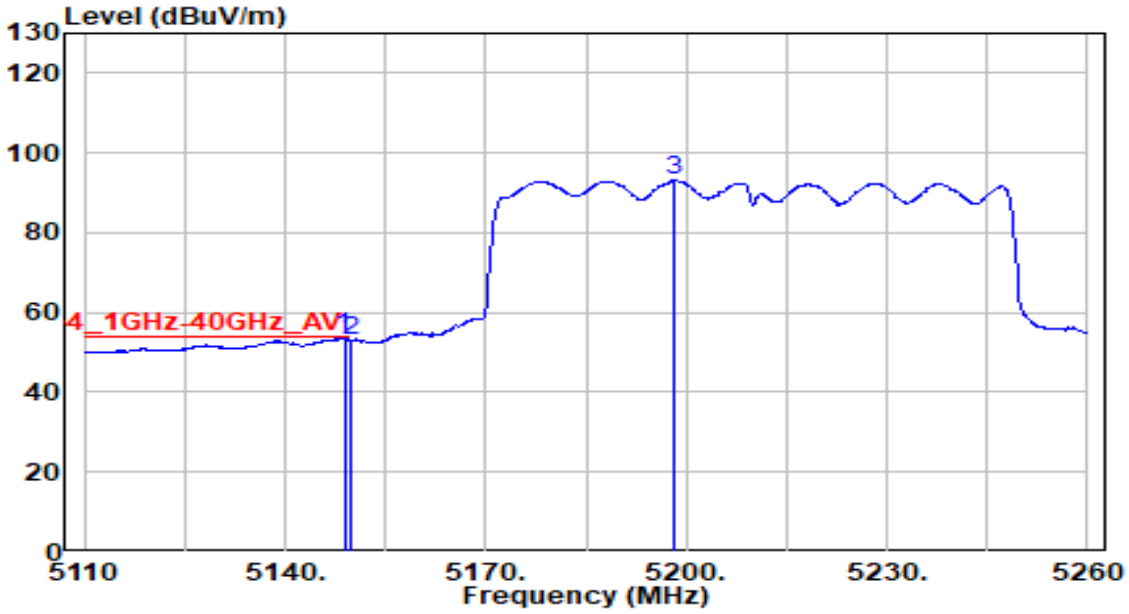


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5140.600	70.68	0.78	71.46	-2.54	74.00	120	235	Peak
2		5150.000	66.56	0.80	67.36	-6.64	74.00	120	235	Peak
3		5188.300	103.52	0.84	104.36	N/A	N/A	120	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

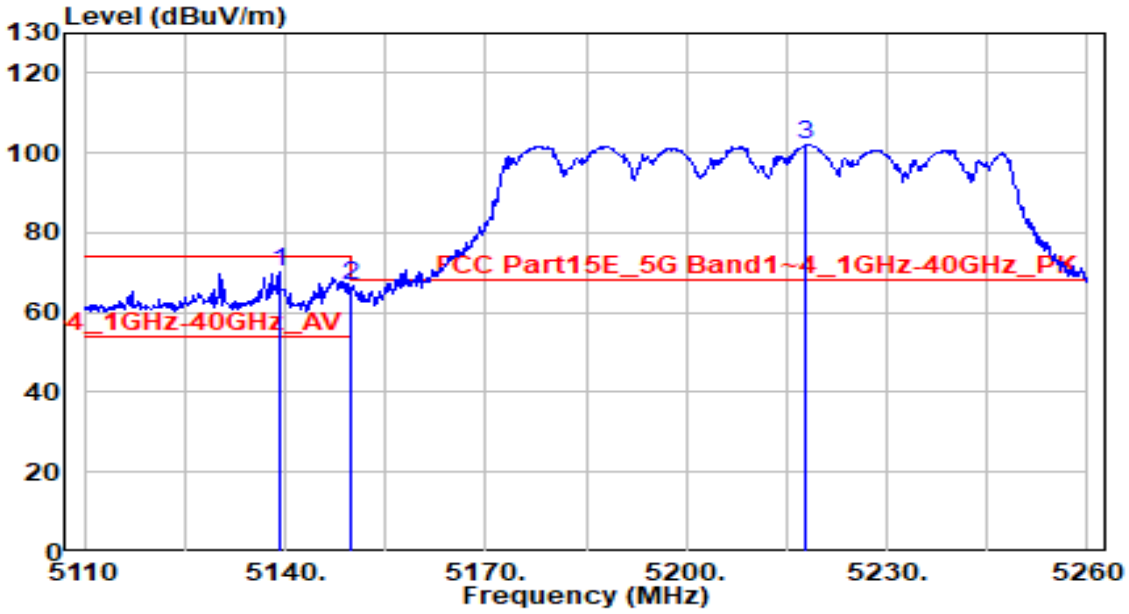


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.850	52.98	0.79	53.77	-0.23	54.00	120	235	Average
2		5150.000	52.24	0.80	53.03	-0.97	54.00	120	235	Average
3		5198.350	92.27	0.86	93.12	N/A	N/A	120	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

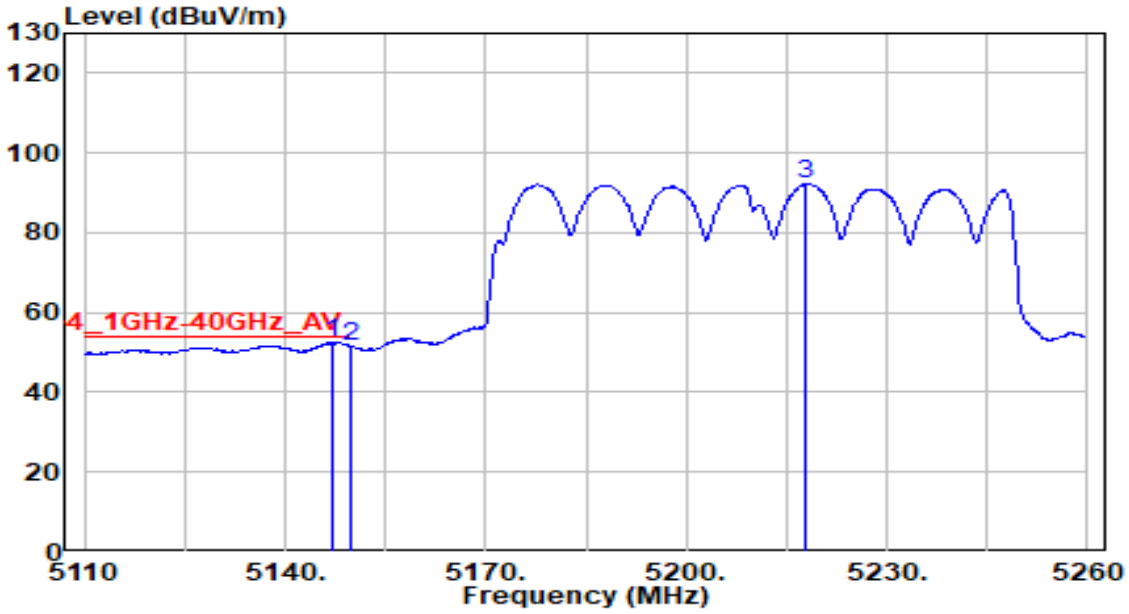


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5139.100	69.28	0.78	70.06	-3.94	74.00	100	185	Peak
2		5150.000	66.14	0.80	66.94	-7.06	74.00	100	185	Peak
3		5217.850	101.28	0.83	102.11	N/A	N/A	100	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

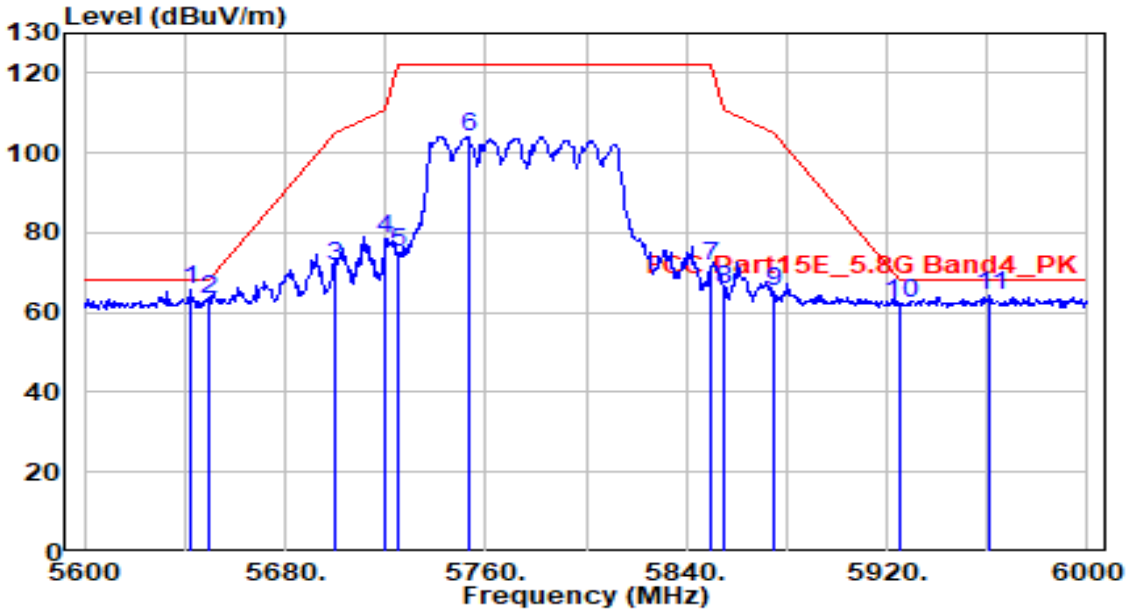


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.050	51.71	0.79	52.50	-1.50	54.00	100	185	Average
2		5150.000	50.86	0.80	51.66	-2.34	54.00	100	185	Average
3		5218.000	91.59	0.83	92.42	N/A	N/A	100	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

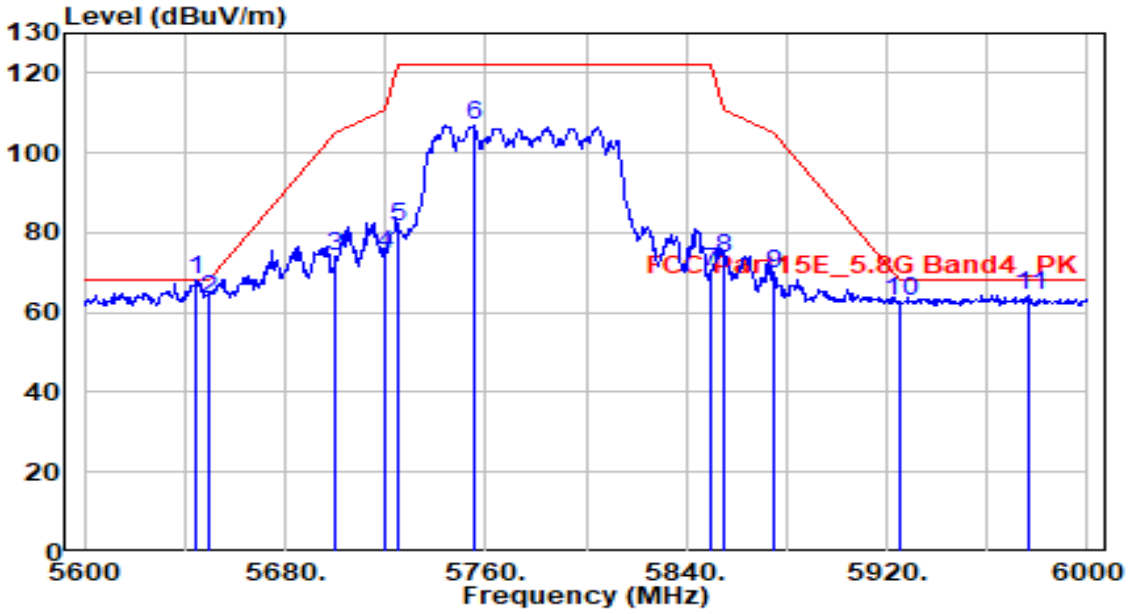


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.000	63.97	1.55	65.53	-2.67	68.20	100	220	Peak
2		5650.000	61.46	1.59	63.04	-5.16	68.20	100	220	Peak
3		5700.000	69.81	1.79	71.60	-33.60	105.20	100	220	Peak
4		5720.000	76.83	1.87	78.69	-32.11	110.80	100	220	Peak
5		5725.000	73.10	1.89	74.99	-47.21	122.20	100	220	Peak
6		5753.200	102.22	2.00	104.22	N/A	N/A	100	220	Peak
7		5850.000	69.12	2.27	71.38	-50.82	122.20	100	220	Peak
8		5855.000	63.30	2.28	65.58	-45.22	110.80	100	220	Peak
9		5875.000	62.71	2.31	65.01	-40.19	105.20	100	220	Peak
10		5925.000	59.76	2.38	62.15	-6.05	68.20	100	220	Peak
11		5961.200	61.86	2.44	64.30	-3.90	68.20	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

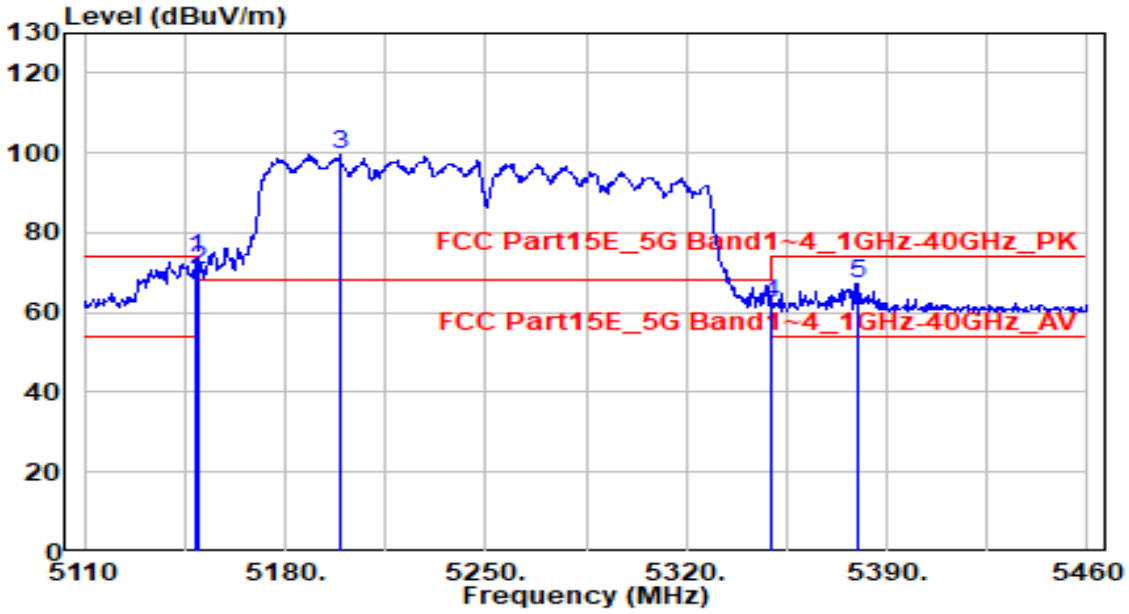


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5644.800	66.50	1.56	68.06	-0.14	68.20	100	355	Peak
2		5650.000	61.74	1.59	63.32	-4.88	68.20	100	355	Peak
3		5700.000	72.11	1.79	73.90	-31.30	105.20	100	355	Peak
4		5720.000	72.50	1.87	74.37	-36.43	110.80	100	355	Peak
5		5725.000	79.34	1.89	81.23	-40.97	122.20	100	355	Peak
6		5755.200	105.09	2.01	107.10	N/A	N/A	100	355	Peak
7		5850.000	67.81	2.27	70.08	-52.12	122.20	100	355	Peak
8		5855.000	71.37	2.28	73.65	-37.15	110.80	100	355	Peak
9		5875.000	67.56	2.31	69.87	-35.33	105.20	100	355	Peak
10		5925.000	60.46	2.38	62.85	-5.35	68.20	100	355	Peak
11		5976.800	61.96	2.46	64.43	-3.77	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

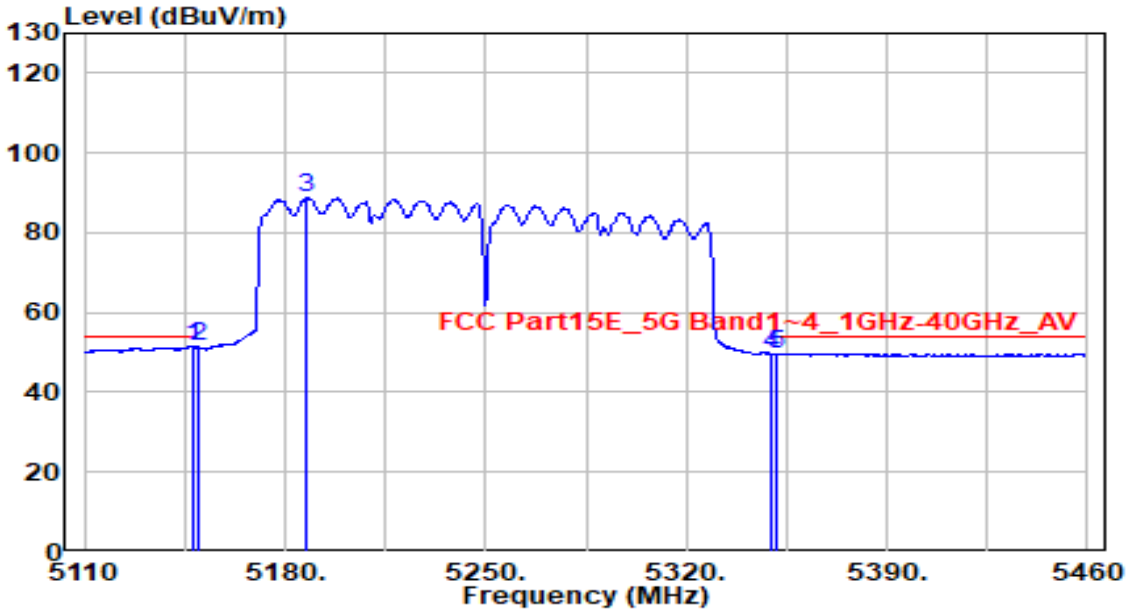


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.200	72.91	0.80	73.71	-0.29	74.00	125	235	Peak
2		5150.000	69.98	0.80	70.78	-3.22	74.00	125	235	Peak
3		5199.250	98.88	0.86	99.74	N/A	N/A	125	235	Peak
4		5350.000	61.75	0.59	62.34	-11.66	74.00	125	235	Peak
5		5379.500	66.68	0.54	67.22	-6.78	74.00	125	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) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

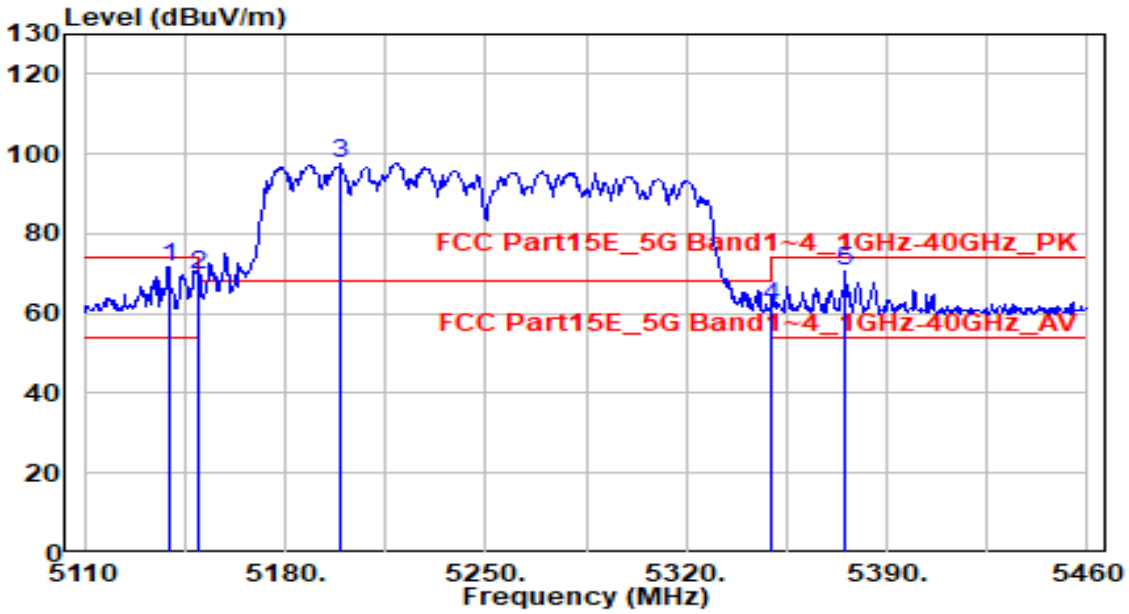


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.800	50.73	0.79	51.52	-2.48	54.00	125	235	Average
2		5150.000	50.52	0.80	51.31	-2.69	54.00	125	235	Average
3		5187.350	87.81	0.84	88.66	N/A	N/A	125	235	Average
4		5350.000	49.11	0.59	49.70	-4.30	54.00	125	235	Average
5		5351.150	49.19	0.59	49.79	-4.21	54.00	125	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

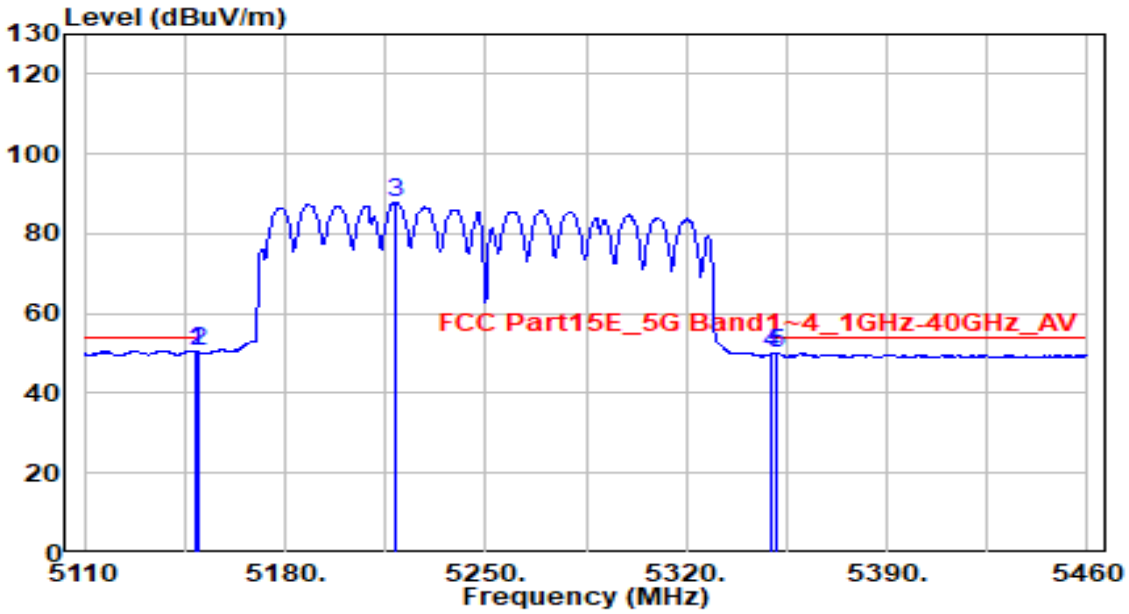


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5139.400	70.84	0.78	71.63	-2.37	74.00	100	180	Peak
2		5150.000	68.83	0.80	69.63	-4.37	74.00	100	180	Peak
3		5199.600	96.90	0.86	97.76	N/A	N/A	100	180	Peak
4		5350.000	61.05	0.59	61.65	-12.35	74.00	100	180	Peak
5		5375.650	70.28	0.55	70.83	-3.17	74.00	100	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) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ac-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

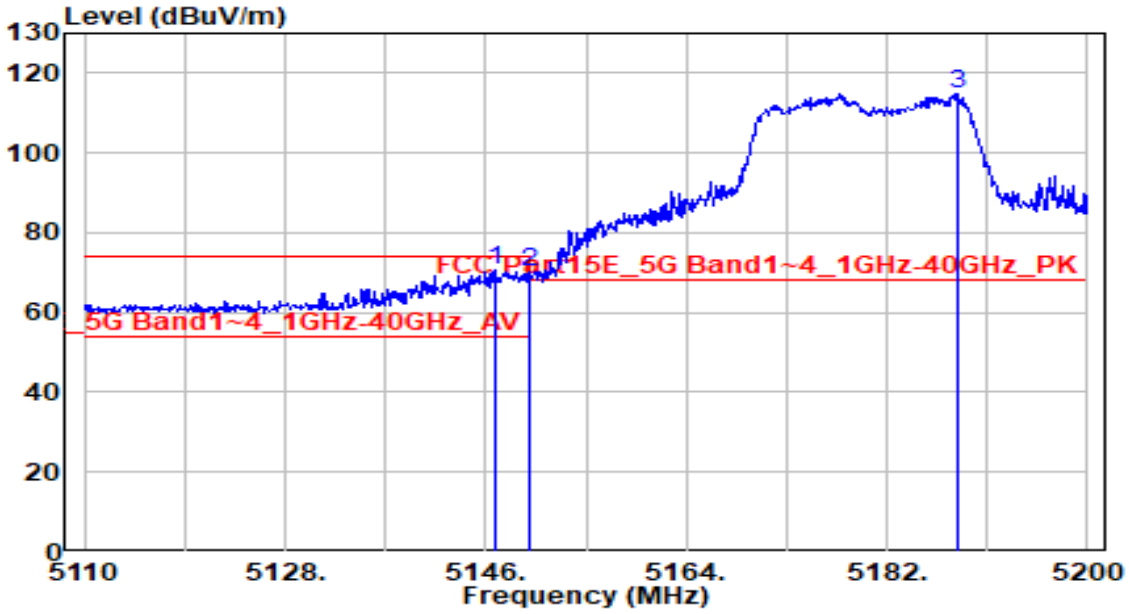


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.500	49.86	0.79	50.65	-3.35	54.00	100	180	Average
2		5150.000	49.62	0.80	50.42	-3.58	54.00	100	180	Average
3		5218.850	87.14	0.82	87.96	N/A	N/A	100	180	Average
4		5350.000	49.25	0.59	49.85	-4.15	54.00	100	180	Average
5		5351.500	49.47	0.59	50.06	-3.94	54.00	100	180	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

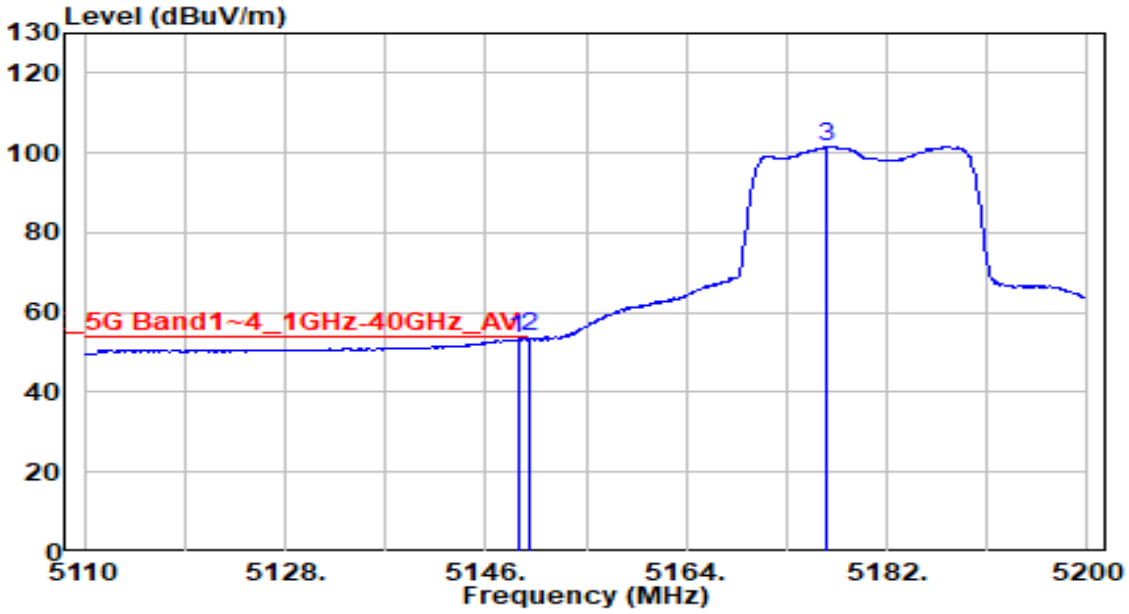


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.810	69.92	0.79	70.71	-3.29	74.00	115	240	Peak
2		5150.000	69.56	0.80	70.36	-3.64	74.00	115	240	Peak
3		5188.300	114.12	0.84	114.96	N/A	N/A	115	240	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

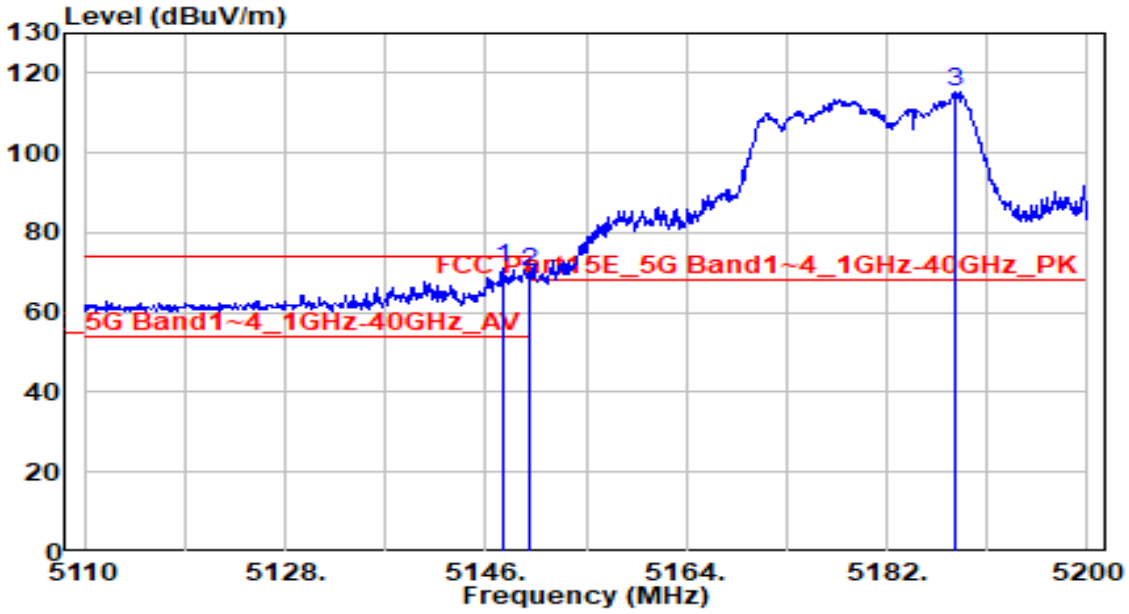


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.880	52.52	0.79	53.31	-0.69	54.00	115	240	Average
2	*	5150.000	52.96	0.80	53.76	-0.24	54.00	115	240	Average
3		5176.510	100.73	0.83	101.56	N/A	N/A	115	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

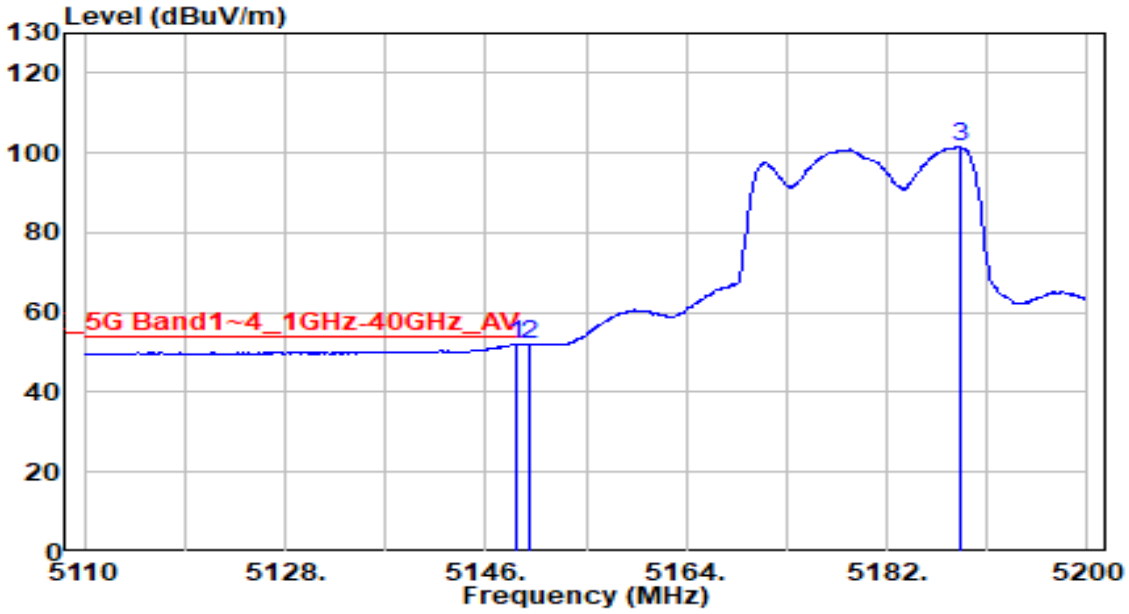


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.530	70.49	0.79	71.29	-2.71	74.00	105	180	Peak
2		5150.000	69.19	0.80	69.98	-4.02	74.00	105	180	Peak
3		5188.210	114.20	0.84	115.05	N/A	N/A	105	180	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

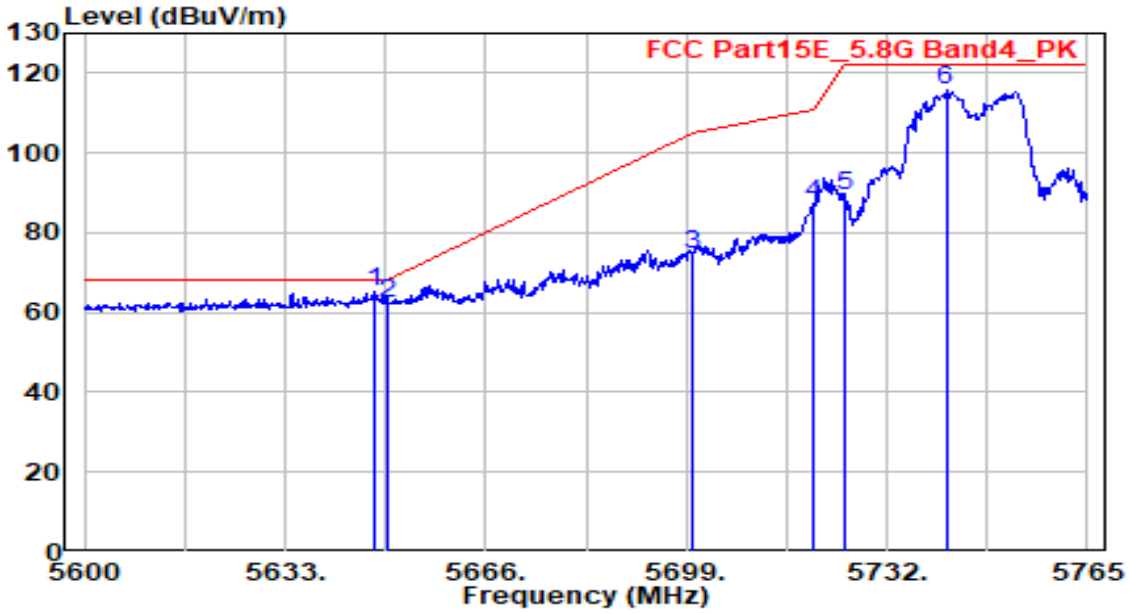


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5148.790	51.20	0.79	52.00	-2.00	54.00	105	180	Average
2	*	5150.000	51.39	0.80	52.18	-1.82	54.00	105	180	Average
3		5188.570	100.70	0.84	101.54	N/A	N/A	105	180	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

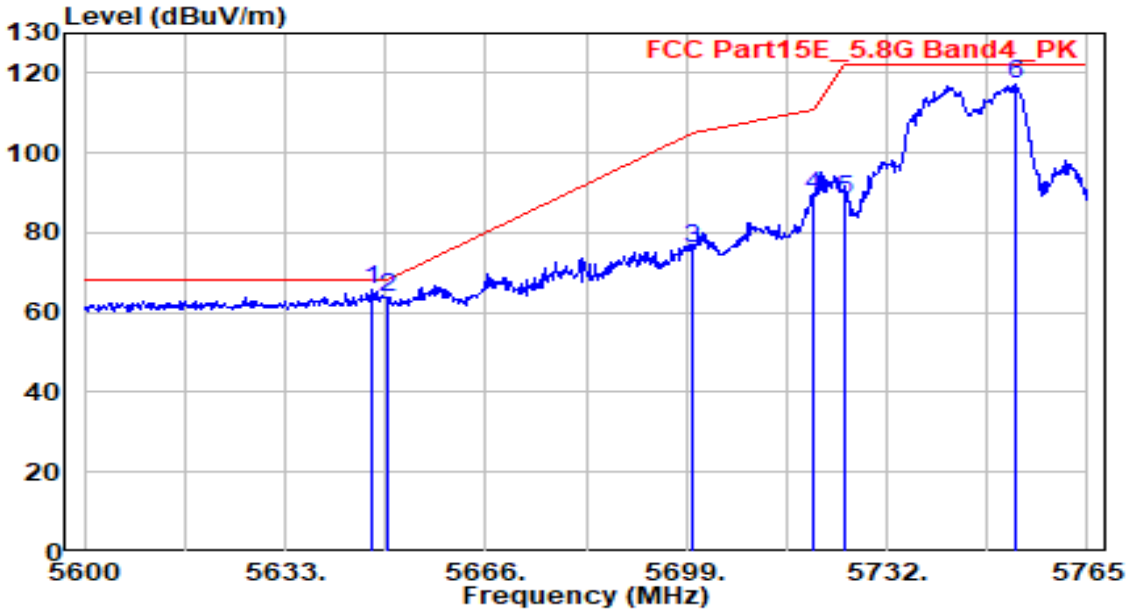


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.520	63.47	1.58	65.05	-3.15	68.20	100	220	Peak
2		5650.000	60.49	1.59	62.08	-6.12	68.20	100	220	Peak
3		5700.000	72.67	1.79	74.46	-30.74	105.20	100	220	Peak
4		5720.000	85.64	1.87	87.51	-23.29	110.80	100	220	Peak
5		5725.000	87.30	1.89	89.18	-33.02	122.20	100	220	Peak
6		5741.735	113.82	1.96	115.78	N/A	N/A	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

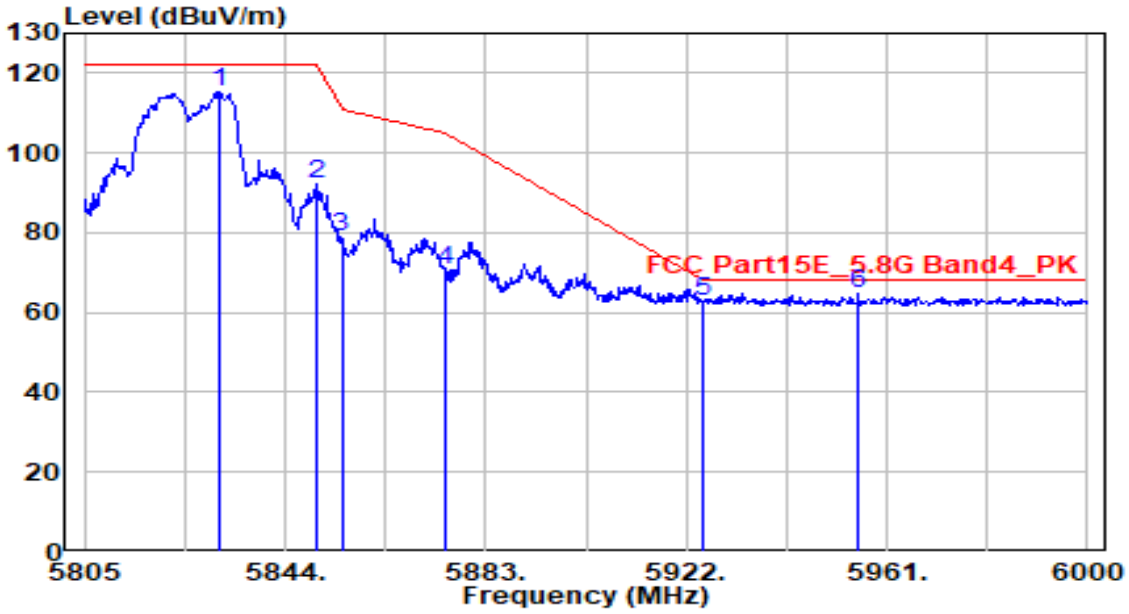


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5647.190	64.04	1.57	65.62	-2.58	68.20	100	25	Peak
2		5650.000	62.23	1.59	63.82	-4.38	68.20	100	25	Peak
3		5700.000	74.35	1.79	76.14	-29.06	105.20	100	25	Peak
4		5720.000	87.65	1.87	89.52	-21.28	110.80	100	25	Peak
5		5725.000	86.28	1.89	88.17	-34.03	122.20	100	25	Peak
6		5753.285	115.33	2.00	117.34	N/A	N/A	100	25	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

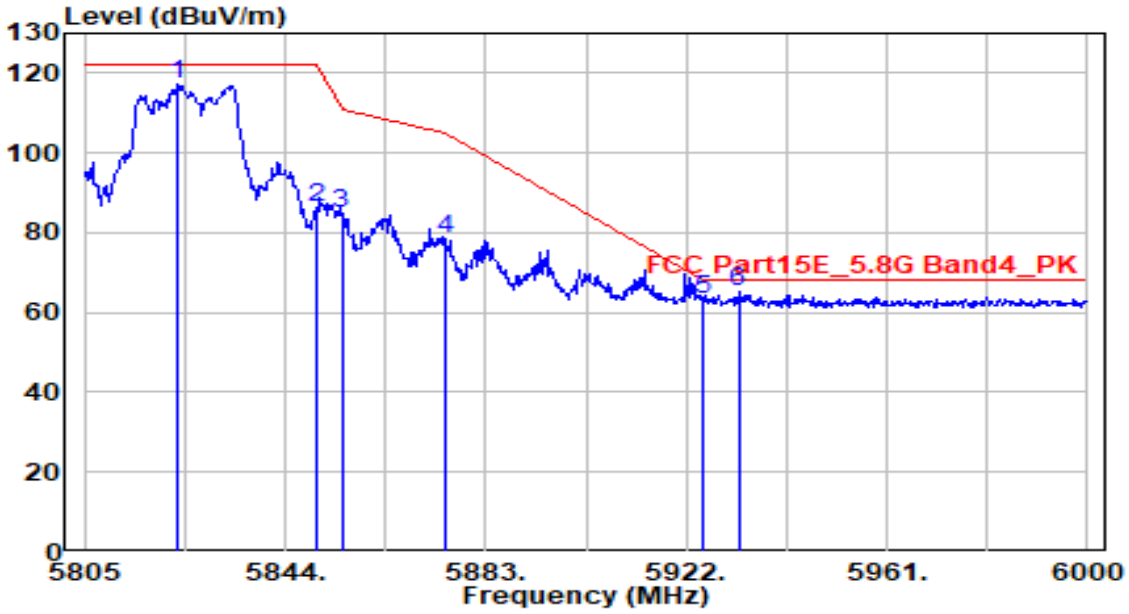


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5831.130	112.90	2.24	115.14	N/A	N/A	100	220	Peak
2		5850.000	89.74	2.27	92.01	-30.20	122.20	100	220	Peak
3		5855.000	76.57	2.28	78.84	-31.96	110.80	100	220	Peak
4		5875.000	68.46	2.31	70.77	-34.43	105.20	100	220	Peak
5		5925.000	60.65	2.38	63.03	-5.17	68.20	100	220	Peak
6	*	5955.540	62.24	2.43	64.67	-3.53	68.20	100	220	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

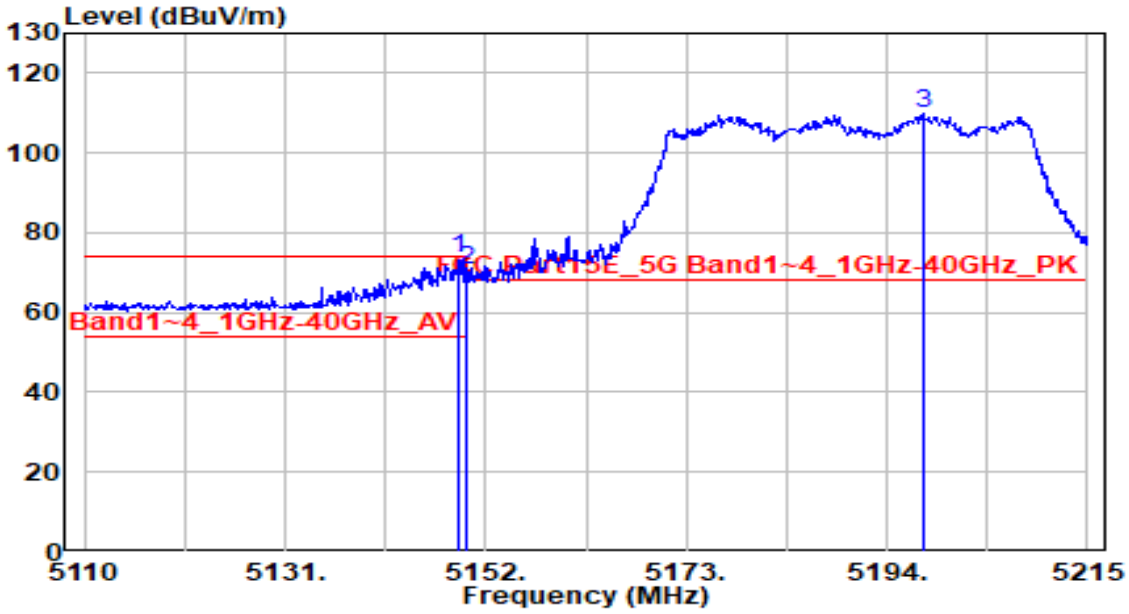


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5822.940	114.88	2.23	117.11	N/A	N/A	100	355	Peak
2		5850.000	84.19	2.27	86.46	-35.74	122.20	100	355	Peak
3		5855.000	82.62	2.28	84.90	-25.90	110.80	100	355	Peak
4		5875.000	76.21	2.31	78.51	-26.69	105.20	100	355	Peak
5		5925.000	60.77	2.38	63.15	-5.05	68.20	100	355	Peak
6	*	5932.140	62.64	2.40	65.03	-3.17	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

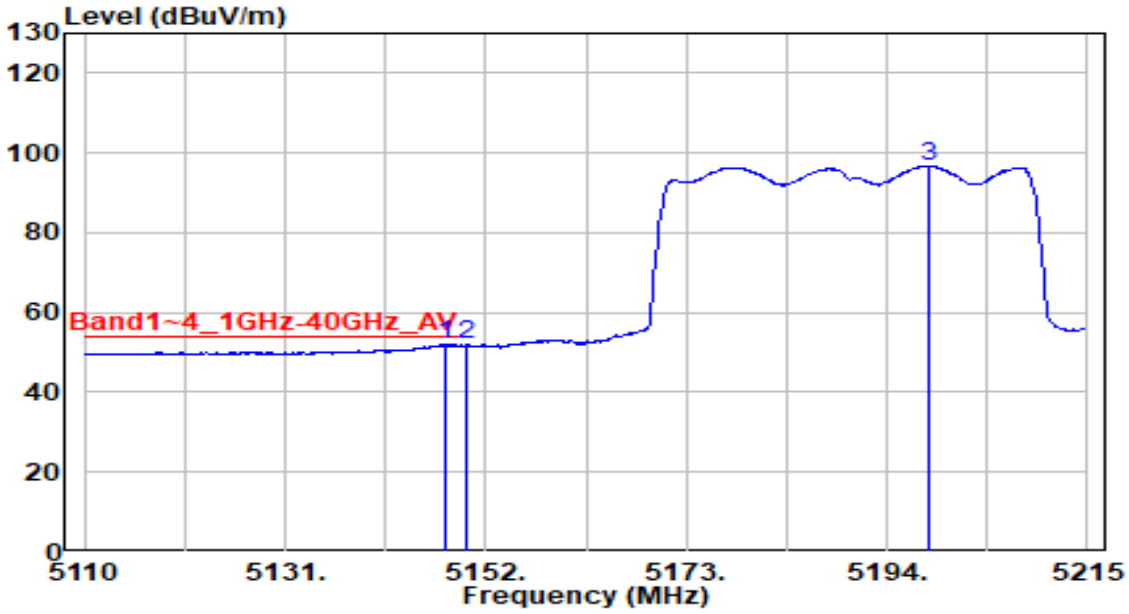


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.165	72.88	0.79	73.67	-0.33	74.00	105	235	Peak
2		5150.000	69.81	0.80	70.60	-3.40	74.00	105	235	Peak
3		5197.780	109.25	0.86	110.10	N/A	N/A	105	235	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

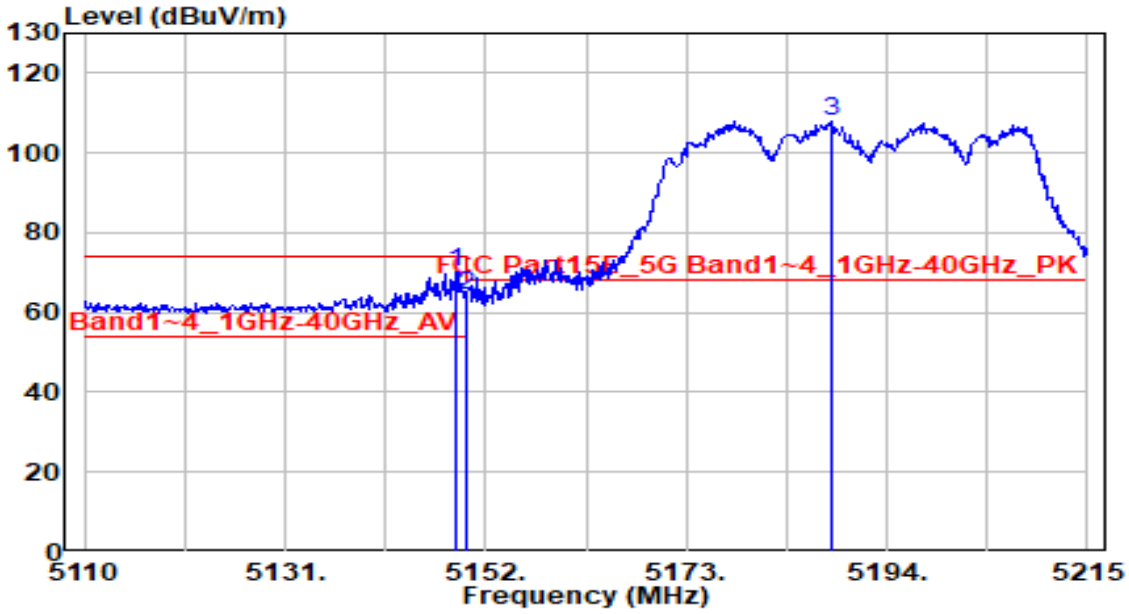


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.695	51.16	0.79	51.95	-2.05	54.00	105	235	Average
2		5150.000	50.98	0.80	51.77	-2.23	54.00	105	235	Average
3		5198.515	95.84	0.86	96.70	N/A	N/A	105	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

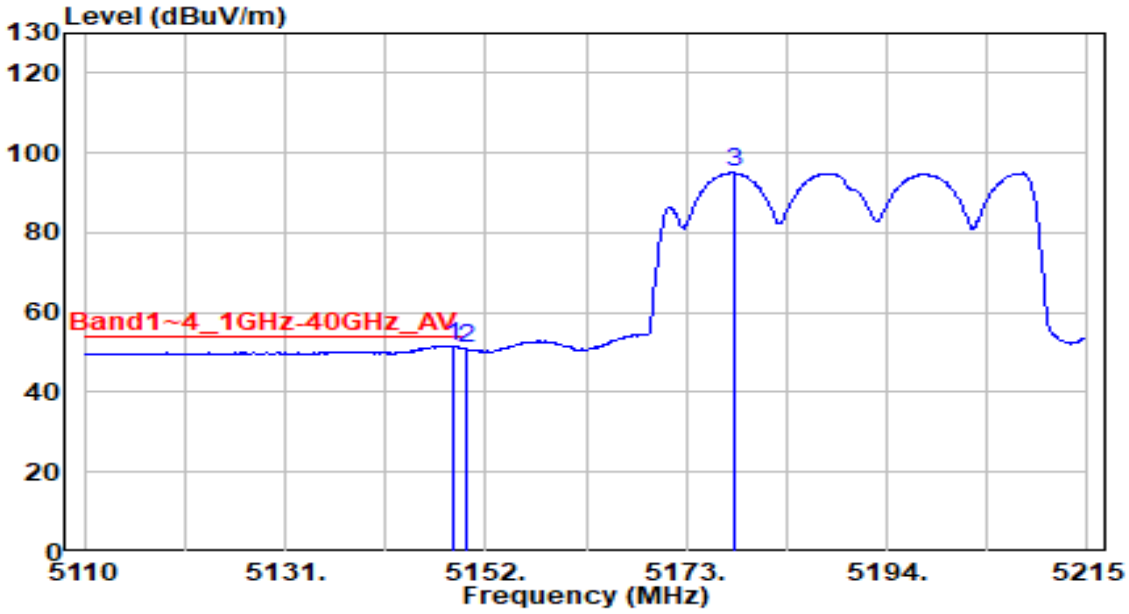


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.955	69.59	0.79	70.38	-3.62	74.00	100	185	Peak
2		5150.000	63.69	0.80	64.49	-9.51	74.00	100	185	Peak
3		5188.120	107.21	0.84	108.05	N/A	N/A	100	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

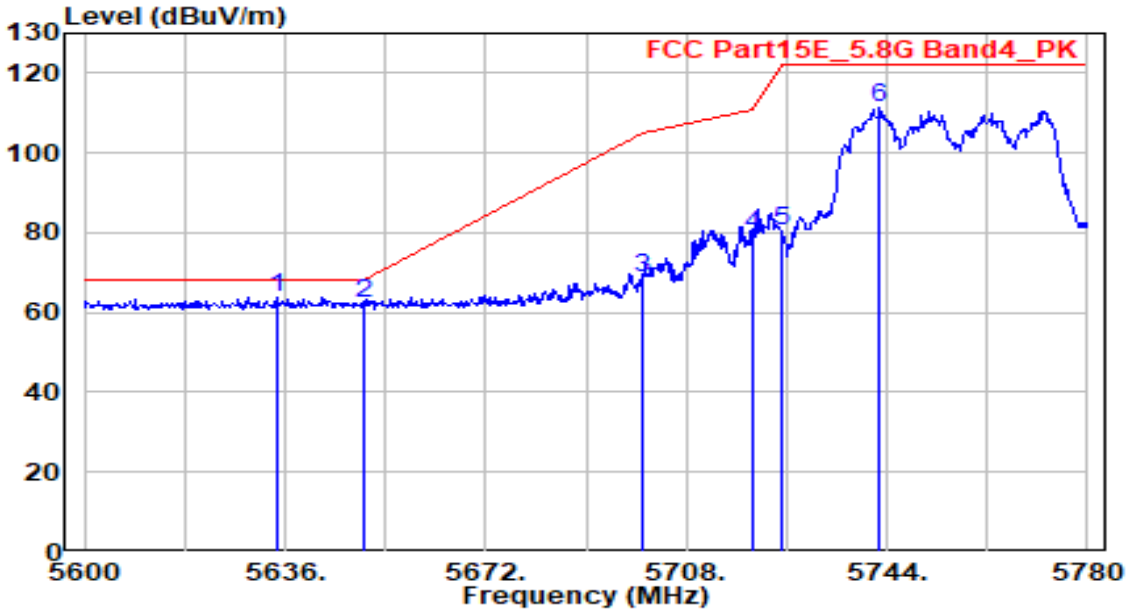


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.640	50.71	0.79	51.50	-2.50	54.00	100	185	Average
2		5150.000	50.09	0.80	50.88	-3.12	54.00	100	185	Average
3		5178.040	94.19	0.83	95.02	N/A	N/A	100	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

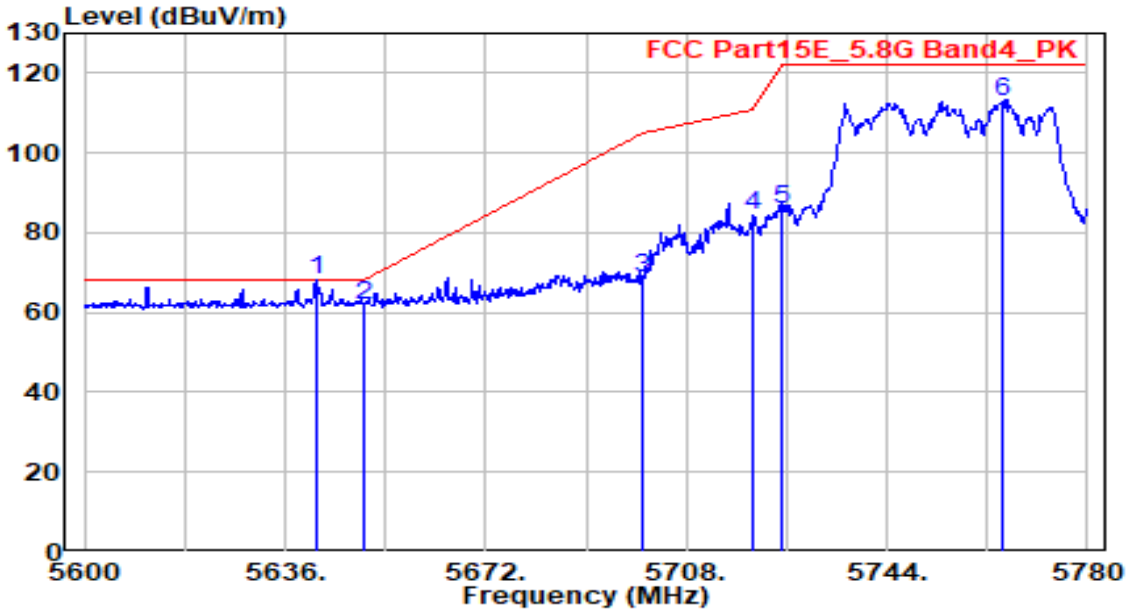


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5634.380	62.30	1.52	63.82	-4.38	68.20	100	220	Peak
2		5650.000	60.74	1.59	62.32	-5.88	68.20	100	220	Peak
3		5700.000	66.87	1.79	68.66	-36.54	105.20	100	220	Peak
4		5720.000	77.77	1.87	79.64	-31.16	110.80	100	220	Peak
5		5725.000	78.48	1.89	80.36	-41.84	122.20	100	220	Peak
6		5742.560	109.37	1.96	111.33	N/A	N/A	100	220	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

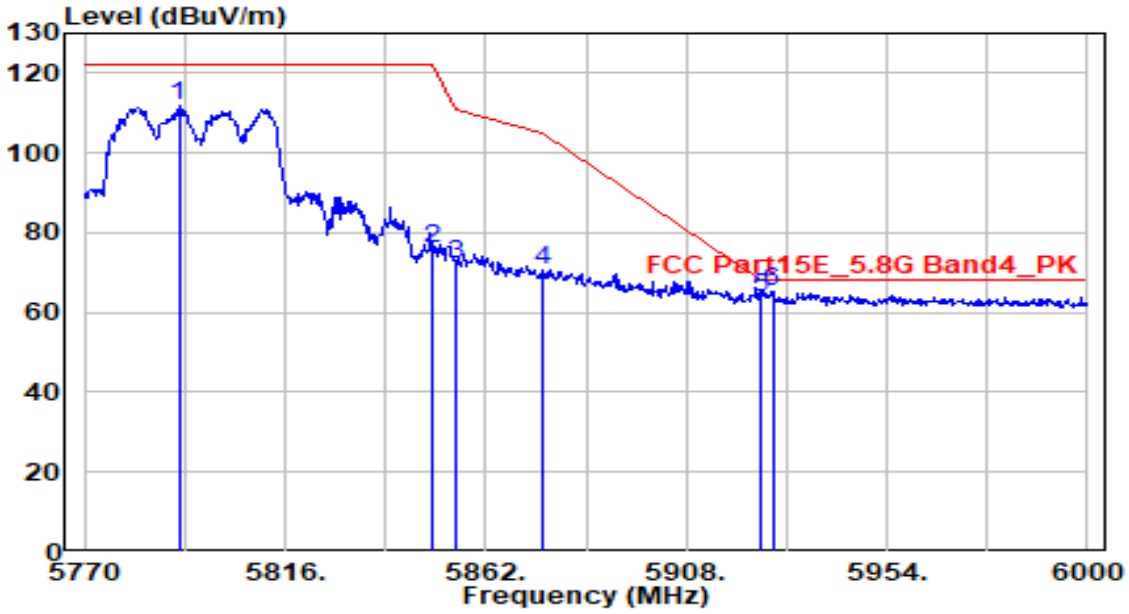


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5641.760	66.46	1.55	68.01	-0.19	68.20	105	355	Peak
2		5650.000	60.44	1.59	62.03	-6.17	68.20	105	355	Peak
3		5700.000	66.83	1.79	68.62	-36.58	105.20	105	355	Peak
4		5720.000	82.52	1.87	84.39	-26.41	110.80	105	355	Peak
5		5725.000	83.94	1.89	85.83	-36.38	122.20	105	355	Peak
6		5764.880	110.60	2.05	112.65	N/A	N/A	105	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

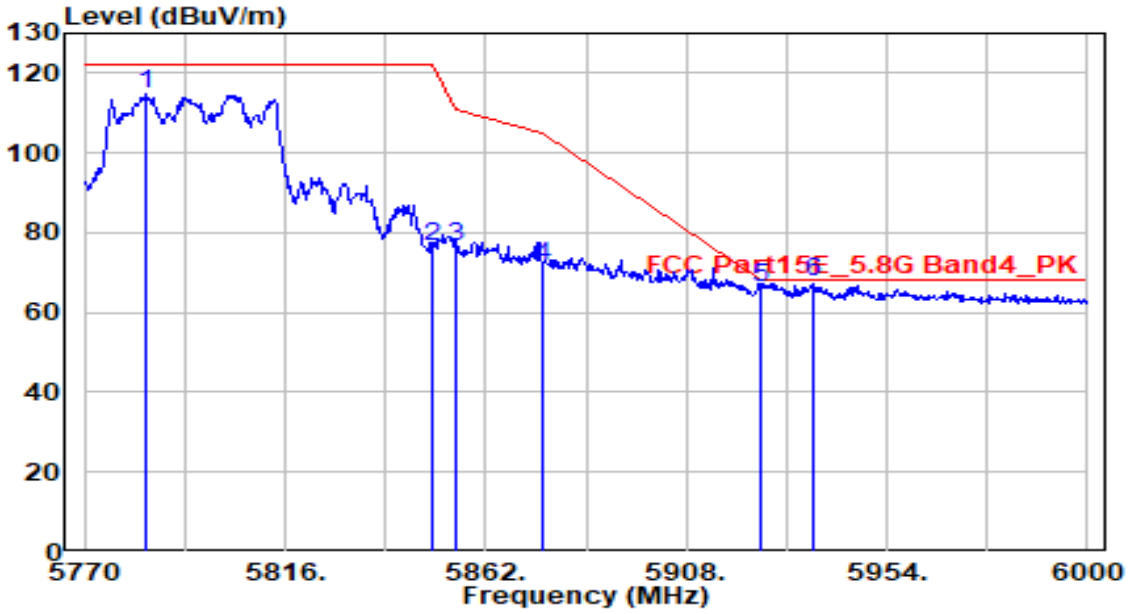


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5791.620	109.50	2.16	111.66	N/A	N/A	100	220	Peak
2		5850.000	73.96	2.27	76.23	-45.97	122.20	100	220	Peak
3		5855.000	69.79	2.28	72.07	-38.73	110.80	100	220	Peak
4		5875.000	68.25	2.31	70.56	-34.64	105.20	100	220	Peak
5		5925.000	61.40	2.38	63.78	-4.42	68.20	100	220	Peak
6	*	5927.780	62.72	2.39	65.11	-3.09	68.20	100	220	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

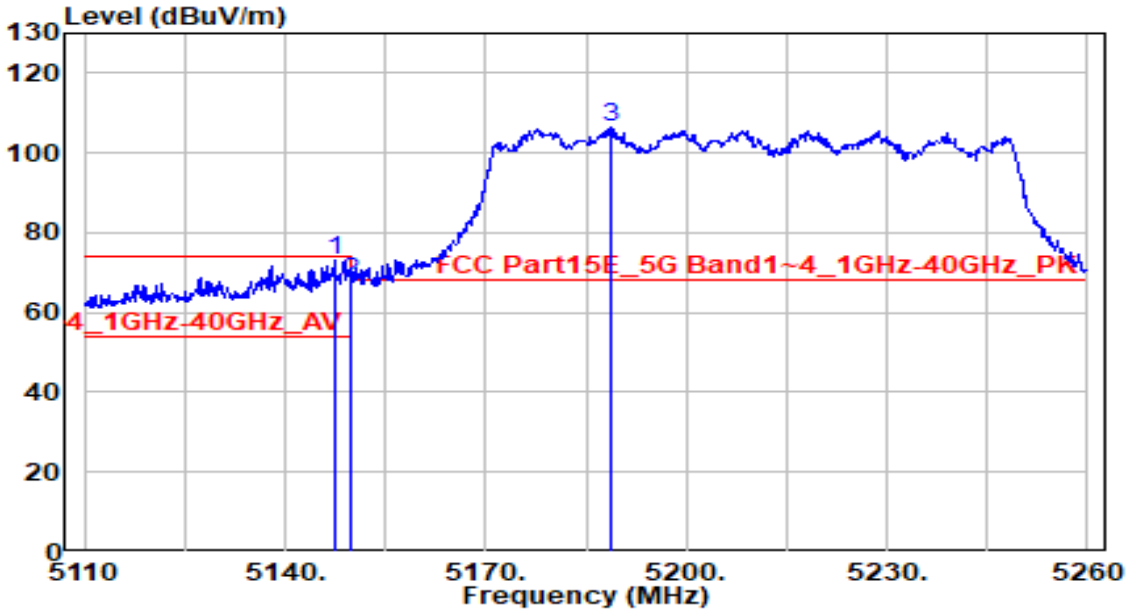


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5784.030	112.63	2.13	114.75	N/A	N/A	100	355	Peak
2		5850.000	74.25	2.27	76.52	-45.68	122.20	100	355	Peak
3		5855.000	74.23	2.28	76.50	-34.30	110.80	100	355	Peak
4		5875.000	69.32	2.31	71.63	-33.57	105.20	100	355	Peak
5		5925.000	64.02	2.38	66.40	-1.80	68.20	100	355	Peak
6	*	5937.210	65.53	2.40	67.93	-0.27	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

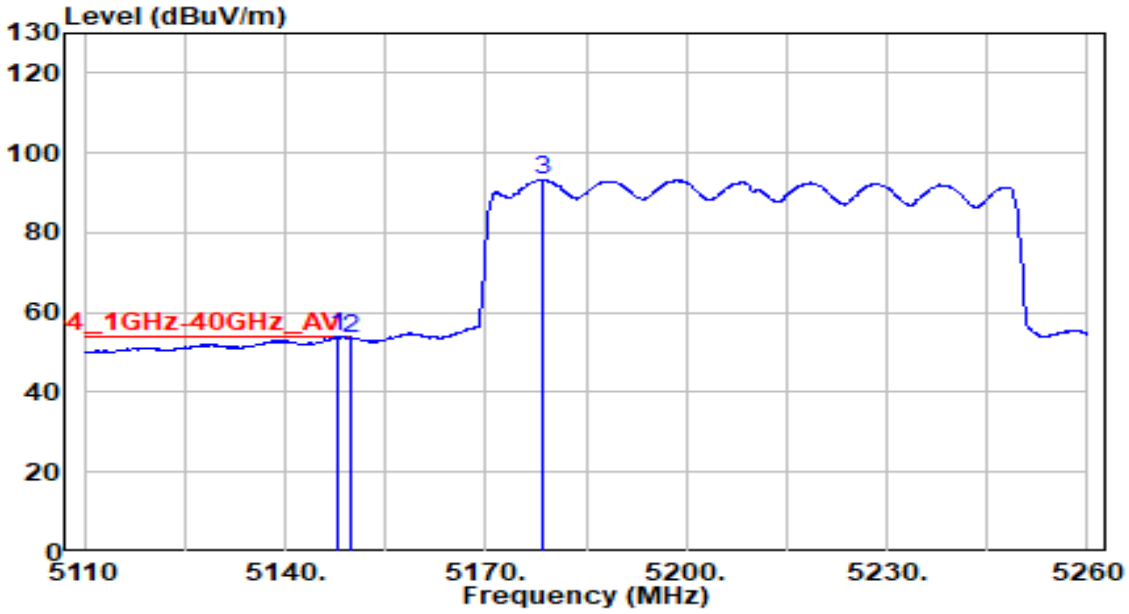


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.500	72.21	0.79	73.01	-0.99	74.00	120	235	Peak
2		5150.000	66.83	0.80	67.63	-6.37	74.00	120	235	Peak
3		5188.600	105.61	0.84	106.46	N/A	N/A	120	235	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

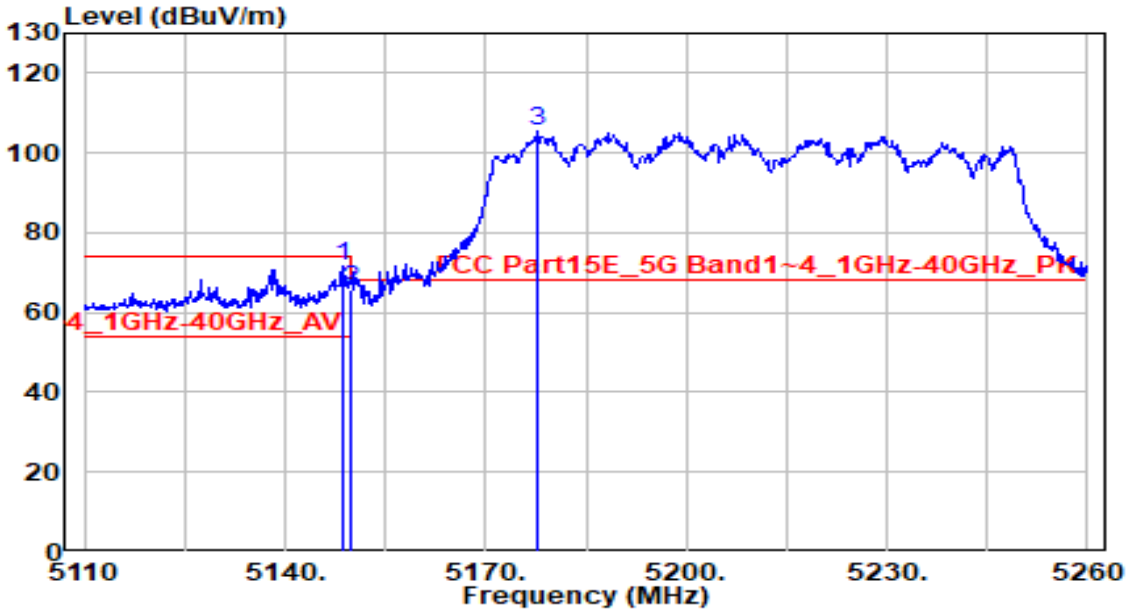


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.800	53.16	0.79	53.95	-0.05	54.00	120	235	Average
2		5150.000	52.78	0.80	53.58	-0.42	54.00	120	235	Average
3		5178.700	92.52	0.83	93.35	N/A	N/A	120	235	Average

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

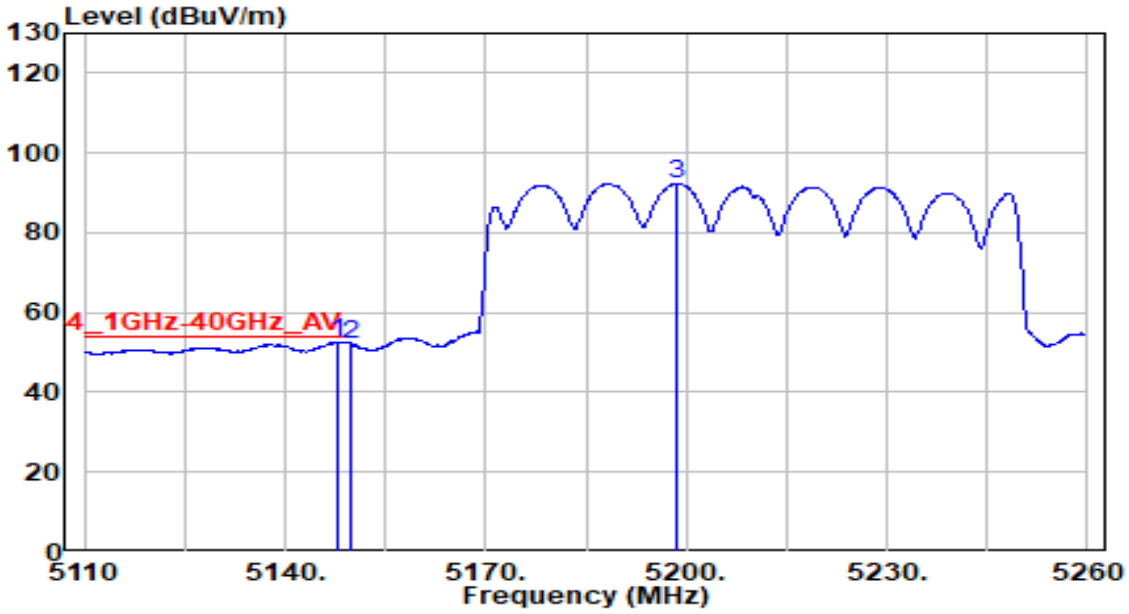


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5148.550	70.73	0.79	71.53	-2.47	74.00	105	180	Peak
2		5150.000	64.93	0.80	65.72	-8.28	74.00	105	180	Peak
3		5177.650	104.40	0.83	105.23	N/A	N/A	105	180	Peak

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

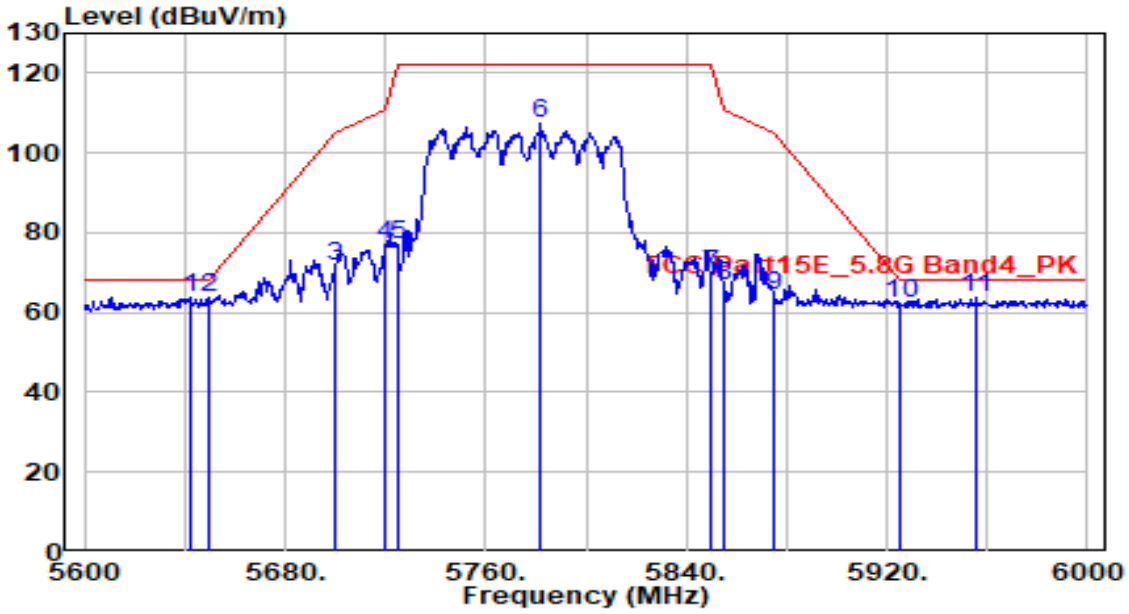


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.950	51.86	0.79	52.65	-1.35	54.00	105	180	Average
2		5150.000	51.03	0.80	51.82	-2.18	54.00	105	180	Average
3		5198.500	91.47	0.86	92.33	N/A	N/A	105	180	Average

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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

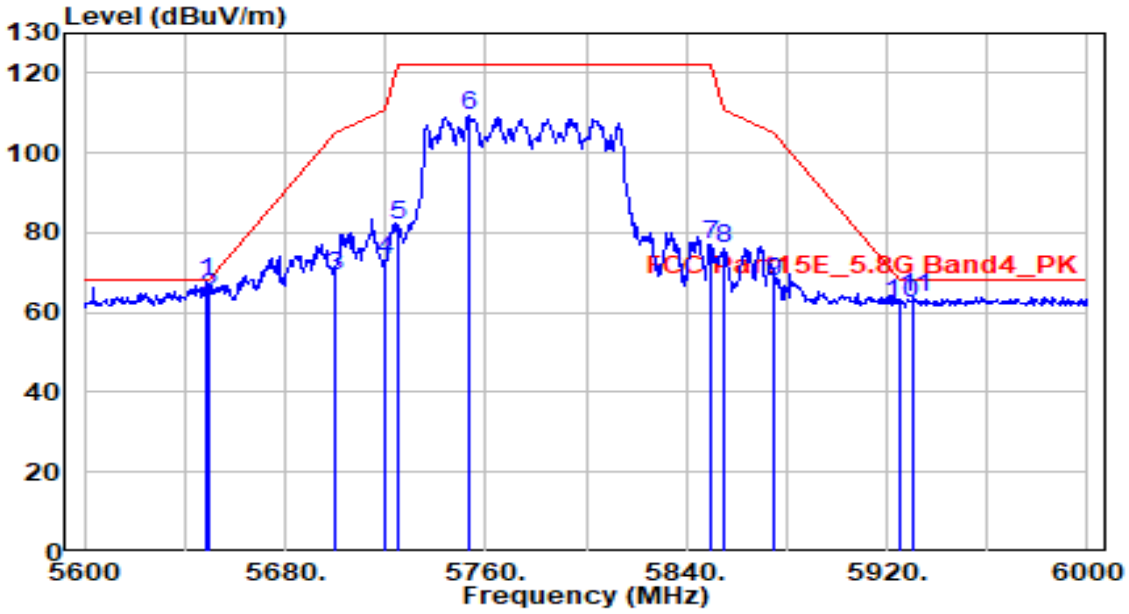


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5642.800	62.44	1.56	64.00	-4.20	68.20	100	220	Peak
2		5650.000	62.14	1.59	63.72	-4.48	68.20	100	220	Peak
3		5700.000	69.66	1.79	71.45	-33.75	105.20	100	220	Peak
4		5720.000	74.95	1.87	76.81	-33.99	110.80	100	220	Peak
5		5725.000	75.02	1.89	76.91	-45.29	122.20	100	220	Peak
6		5781.600	105.18	2.12	107.29	N/A	N/A	100	220	Peak
7		5850.000	67.43	2.27	69.70	-52.50	122.20	100	220	Peak
8		5855.000	64.34	2.28	66.61	-44.19	110.80	100	220	Peak
9		5875.000	61.84	2.31	64.15	-41.05	105.20	100	220	Peak
10		5925.000	59.85	2.38	62.23	-5.97	68.20	100	220	Peak
11		5955.600	61.13	2.43	63.56	-4.64	68.20	100	220	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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

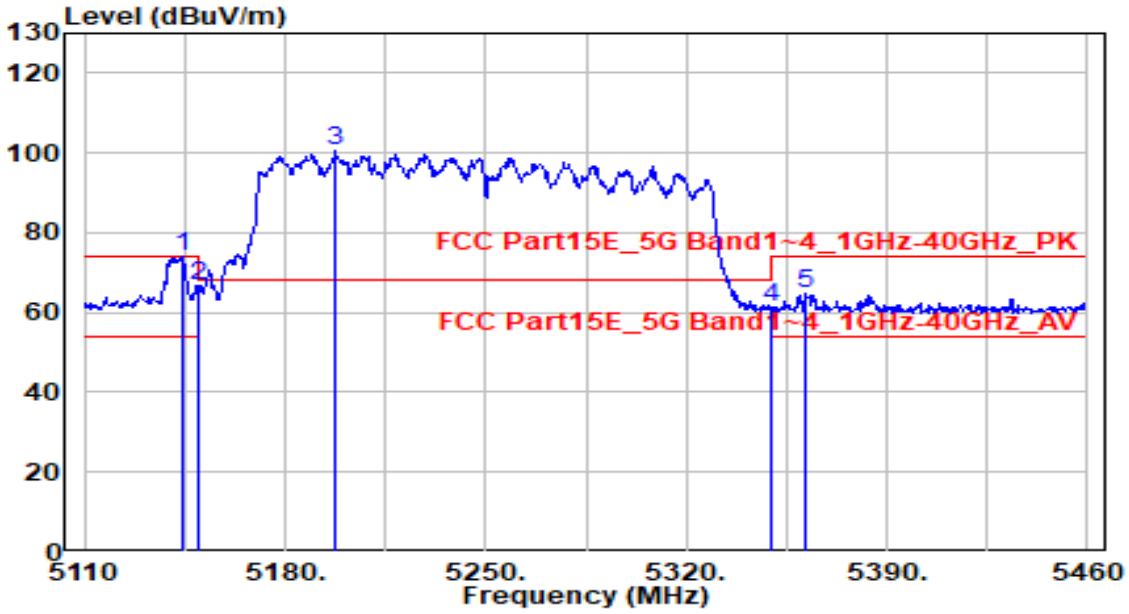


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5648.800	66.33	1.58	67.91	-0.29	68.20	100	355	Peak
2		5650.000	62.42	1.59	64.01	-4.19	68.20	100	355	Peak
3		5700.000	67.48	1.79	69.26	-35.94	105.20	100	355	Peak
4		5720.000	71.10	1.87	72.97	-37.83	110.80	100	355	Peak
5		5725.000	79.84	1.89	81.73	-40.47	122.20	100	355	Peak
6		5753.600	107.33	2.00	109.33	N/A	N/A	100	355	Peak
7		5850.000	74.60	2.27	76.87	-45.33	122.20	100	355	Peak
8		5855.000	73.55	2.28	75.82	-34.98	110.80	100	355	Peak
9		5875.000	65.23	2.31	67.54	-37.66	105.20	100	355	Peak
10		5925.000	60.01	2.38	62.40	-5.80	68.20	100	355	Peak
11		5930.800	61.58	2.39	63.97	-4.23	68.20	100	355	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + 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+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

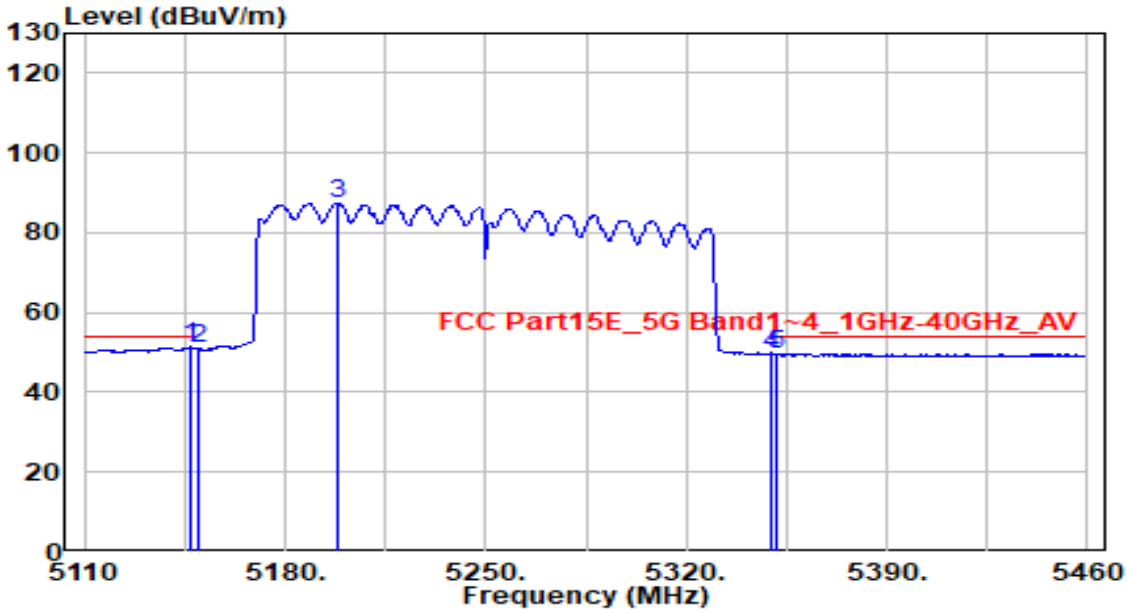


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5143.950	73.15	0.79	73.94	-0.06	74.00	120	235	Peak
2		5150.000	65.73	0.80	66.53	-7.47	74.00	120	235	Peak
3		5197.500	99.53	0.85	100.38	N/A	N/A	120	235	Peak
4		5350.000	60.77	0.59	61.36	-12.64	74.00	120	235	Peak
5		5361.300	64.15	0.57	64.72	-9.28	74.00	120	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) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Horizontal	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

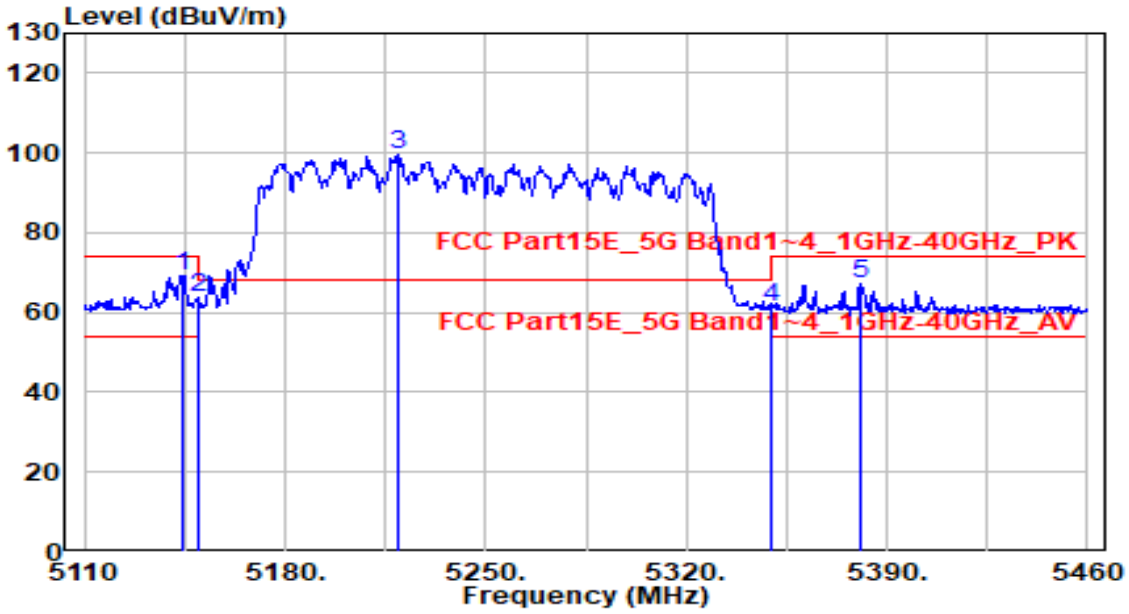


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5147.100	50.57	0.79	51.36	-2.64	54.00	120	235	Average
2		5150.000	50.17	0.80	50.97	-3.03	54.00	120	235	Average
3		5198.200	86.63	0.86	87.49	N/A	N/A	120	235	Average
4		5350.000	49.06	0.59	49.66	-4.34	54.00	120	235	Average
5		5351.500	49.02	0.59	49.61	-4.39	54.00	120	235	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz

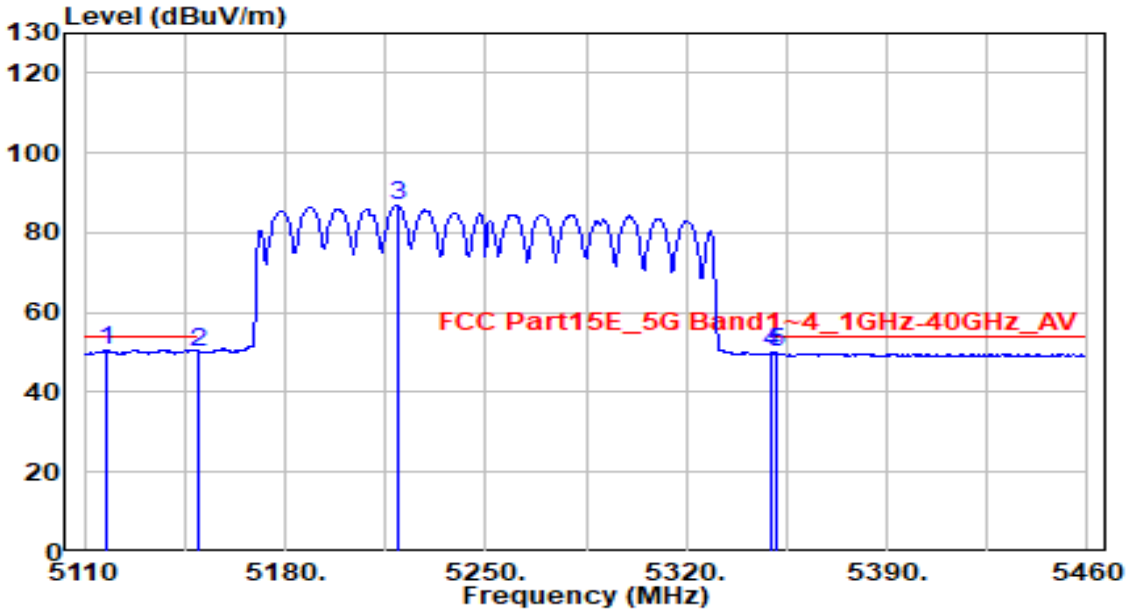


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.650	68.45	0.79	69.24	-4.76	74.00	100	180	Peak
2		5150.000	63.17	0.80	63.96	-10.04	74.00	100	180	Peak
3		5219.550	98.82	0.82	99.65	N/A	N/A	100	180	Peak
4		5350.000	60.89	0.59	61.48	-12.52	74.00	100	180	Peak
5		5381.250	66.58	0.54	67.12	-6.88	74.00	100	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) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-07-06
Factor	DRH18-E	Temp. / Humidity	23°C /63%
Polarity	Vertical	Site / Test Engineer	AC2 / Owen
Test Mode	802.11ax-160MHz_TX_Band1_CH 50_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5117.350	49.90	0.76	50.66	-3.34	54.00	100	180	Average
2		5150.000	49.34	0.80	50.14	-3.86	54.00	100	180	Average
3		5219.200	86.08	0.82	86.91	N/A	N/A	100	180	Average
4		5350.000	49.26	0.59	49.85	-4.15	54.00	100	180	Average
5		5351.150	49.27	0.59	49.86	-4.14	54.00	100	180	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 20dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

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.

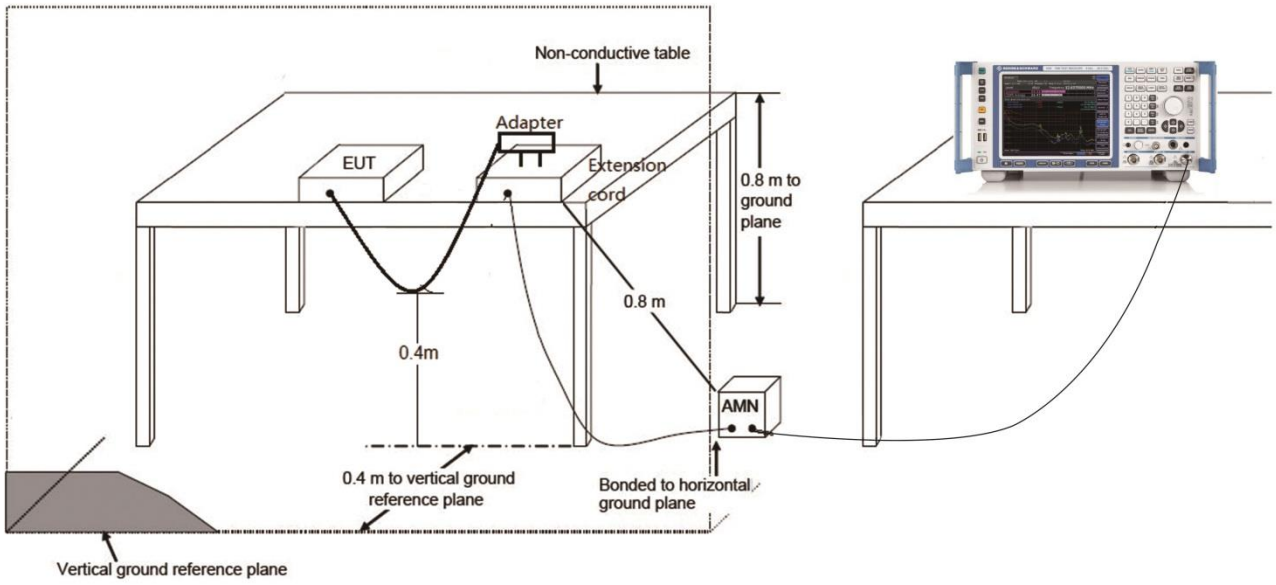
7.10.2.Test Procedure

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

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

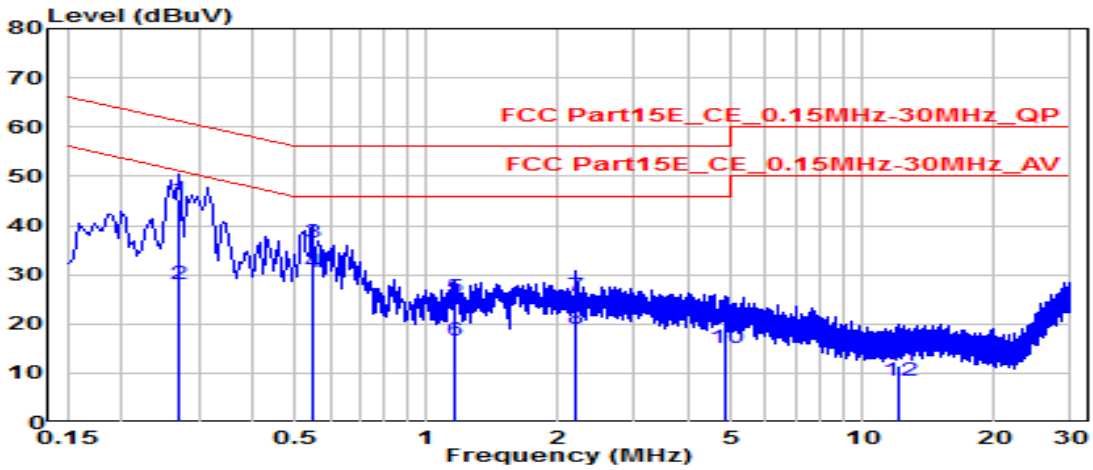
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3.Test Setup



7.10.4.Test Result

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24.8°C /55%
Polarity	Line1	Site / Test Engineer	SR2 / Jeff
Test Mode	802.11n-20MHz_TX_Band1_CH44_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		0.271	35.76	9.63	45.38	-15.69	61.07	QP
2		0.271	18.55	9.63	28.18	-22.90	51.07	Average
3	*	0.546	26.94	9.64	36.59	-19.41	56.00	QP
4	*	0.546	20.75	9.64	30.39	-15.61	46.00	Average
5		1.158	15.57	9.67	25.25	-30.75	56.00	QP
6		1.158	7.04	9.67	16.71	-29.29	46.00	Average
7		2.206	15.94	9.69	25.63	-30.37	56.00	QP
8		2.206	9.19	9.69	18.88	-27.12	46.00	Average
9		4.843	10.15	9.74	19.89	-36.11	56.00	QP
10		4.843	5.33	9.74	15.07	-30.93	46.00	Average
11		12.191	1.67	9.87	11.54	-48.46	60.00	QP
12		12.191	-1.32	9.87	8.56	-41.44	50.00	Average

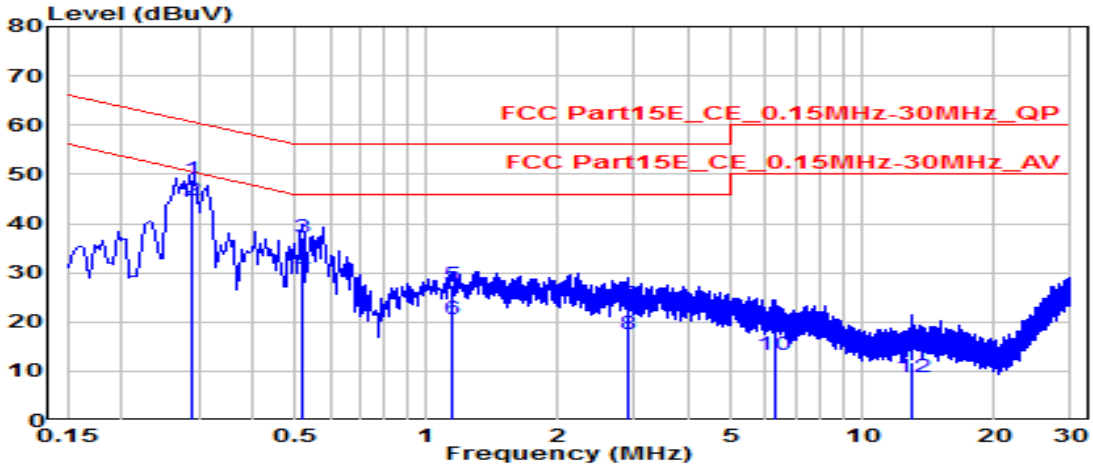
Note:

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

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

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24.8°C /55%
Polarity	Neutral	Site / Test Engineer	SR2 / Jeff
Test Mode	802.11n-20MHz_TX_Band1_CH44_Ant 0+1	Test Voltage	AC 120V/ 60Hz

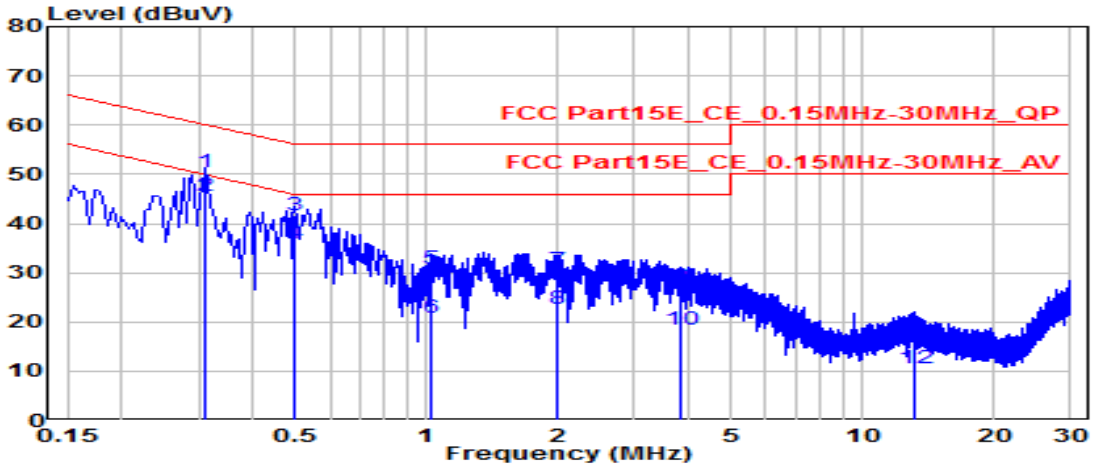


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.289	39.40	9.63	49.03	-11.51	60.54	QP
2	*	0.289	35.16	9.63	44.79	-5.75	50.54	Average
3		0.519	27.36	9.64	37.00	-19.00	56.00	QP
4		0.519	20.58	9.64	30.22	-15.78	46.00	Average
5		1.149	17.73	9.67	27.41	-28.59	56.00	QP
6		1.149	10.92	9.67	20.59	-25.41	46.00	Average
7		2.881	13.73	9.71	23.44	-32.56	56.00	QP
8		2.881	7.89	9.71	17.60	-28.40	46.00	Average
9		6.265	7.56	9.78	17.34	-42.66	60.00	QP
10		6.265	3.59	9.78	13.36	-36.64	50.00	Average
11		12.951	1.93	9.91	11.83	-48.17	60.00	QP
12		12.951	-1.15	9.91	8.76	-41.24	50.00	Average

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24.8°C /55%
Polarity	Line1	Site / Test Engineer	SR2 / Jeff
Test Mode	802.11n-20MHz_TX_Band1_CH44_Ant 0+1	Test Voltage	AC 240V/ 60Hz

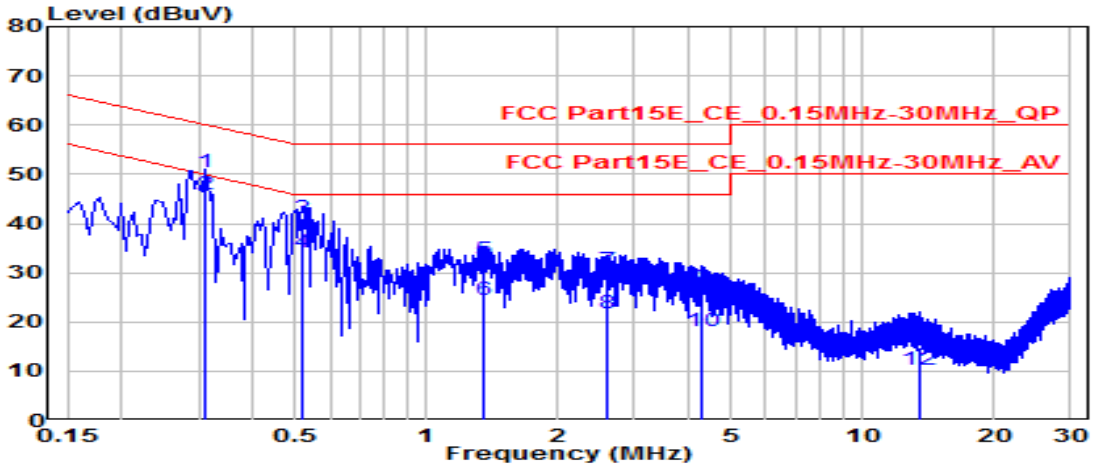


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.312	40.88	9.63	50.51	-9.41	59.92	QP
2	*	0.312	35.95	9.63	45.58	-4.34	49.92	Average
3		0.496	32.13	9.64	41.77	-14.29	56.06	QP
4		0.496	26.15	9.64	35.79	-10.27	46.06	Average
5		1.023	21.21	9.67	30.88	-25.12	56.00	QP
6		1.023	11.05	9.67	20.72	-25.28	46.00	Average
7		1.990	20.93	9.69	30.62	-25.38	56.00	QP
8		1.990	12.84	9.69	22.53	-23.47	46.00	Average
9		3.835	17.51	9.73	27.24	-28.76	56.00	QP
10		3.835	8.60	9.73	18.32	-27.68	46.00	Average
11		13.190	4.98	9.88	14.86	-45.14	60.00	QP
12		13.190	0.73	9.88	10.61	-39.39	50.00	Average

Note:

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

EUT	AX3000+G1500 Whole Home Powerline Mesh Wi-Fi 6 System	Date of Test	2022-09-27
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24.8°C /55%
Polarity	Neutral	Site / Test Engineer	SR2 / Jeff
Test Mode	802.11n-20MHz_TX_Band1_CH44_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	*	0.312	40.85	9.63	50.48	-9.44	59.92	QP
2	*	0.312	36.29	9.63	45.92	-4.00	49.92	Average
3		0.519	31.51	9.64	41.16	-14.84	56.00	QP
4		0.519	24.43	9.64	34.07	-11.93	46.00	Average
5		1.351	22.90	9.68	32.57	-23.43	56.00	QP
6		1.351	14.64	9.68	24.32	-21.68	46.00	Average
7		2.611	20.83	9.70	30.53	-25.47	56.00	QP
8		2.611	12.17	9.70	21.87	-24.13	46.00	Average
9		4.294	16.99	9.73	26.73	-29.27	56.00	QP
10		4.294	8.34	9.73	18.07	-27.93	46.00	Average
11		13.446	4.92	9.91	14.84	-45.16	60.00	QP
12		13.446	0.42	9.91	10.33	-39.67	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = 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 “2206TW0106-Setup Photo” file.

Appendix B : External Photograph

Refer to “2206TW0106-External Photo” file.

Appendix C : Internal Photograph

Refer to “2206TW0106-Internal Photo” file.