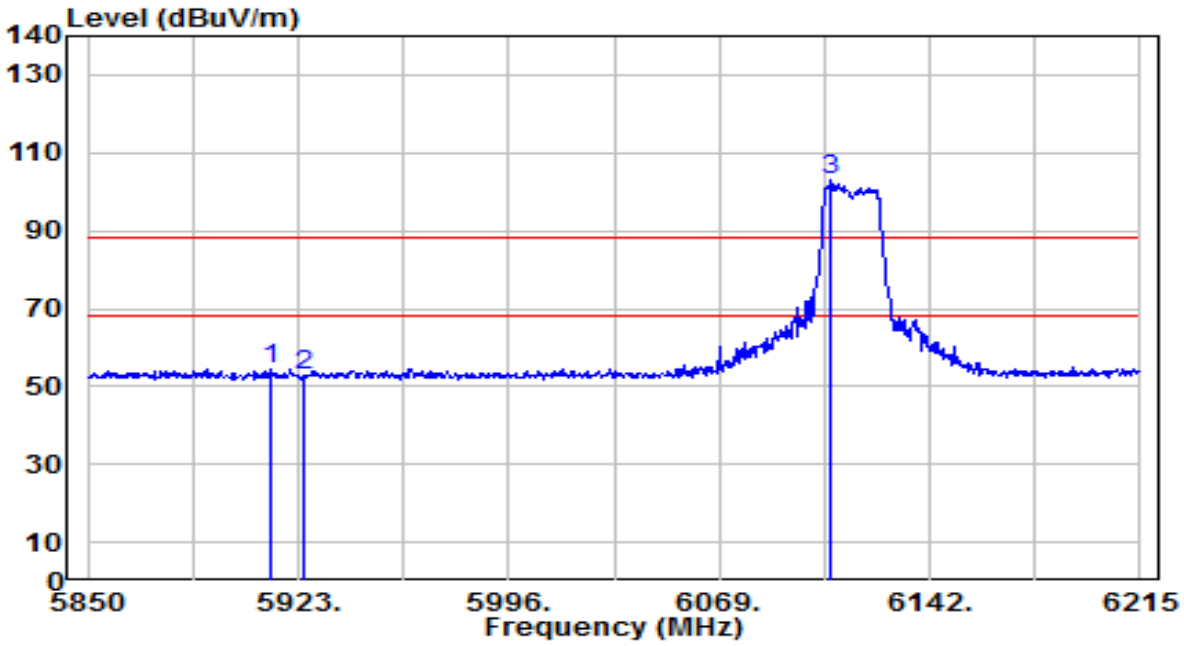
EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band5_CH 33_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

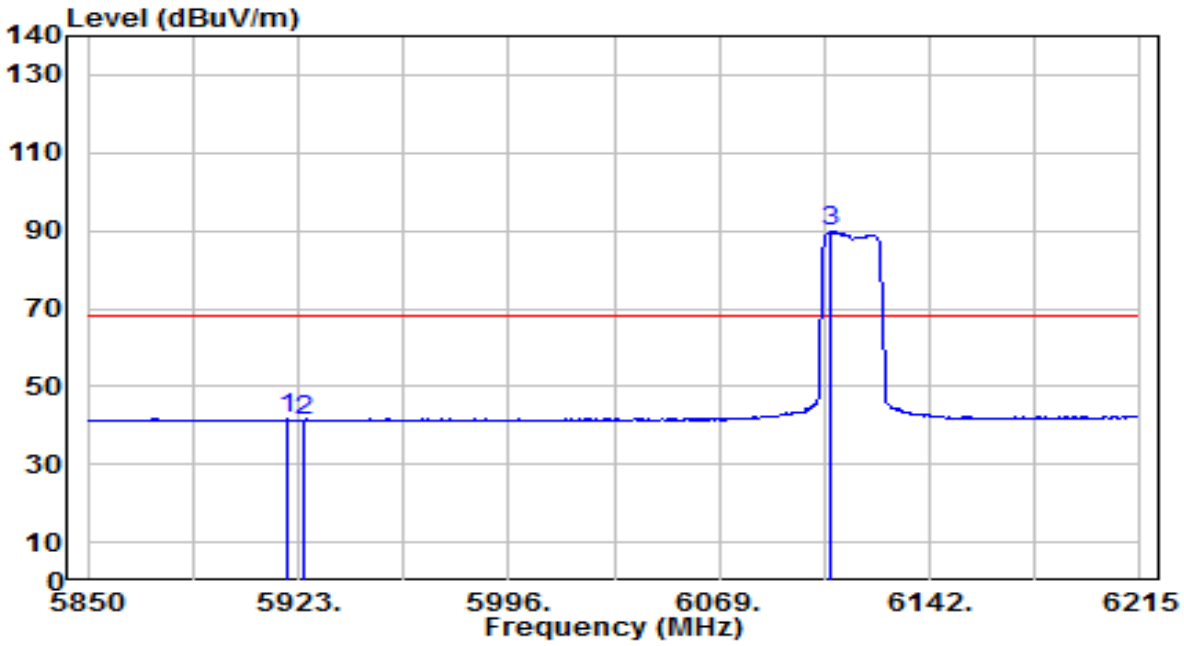


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5913.145	52.19	2.37	54.56	-33.64	88.20	115	230	Peak
2		5925.000	50.46	2.38	52.84	-35.36	88.20	115	230	Peak
3		6107.690	100.08	2.84	102.92	N/A	N/A	115	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band5_CH 33_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

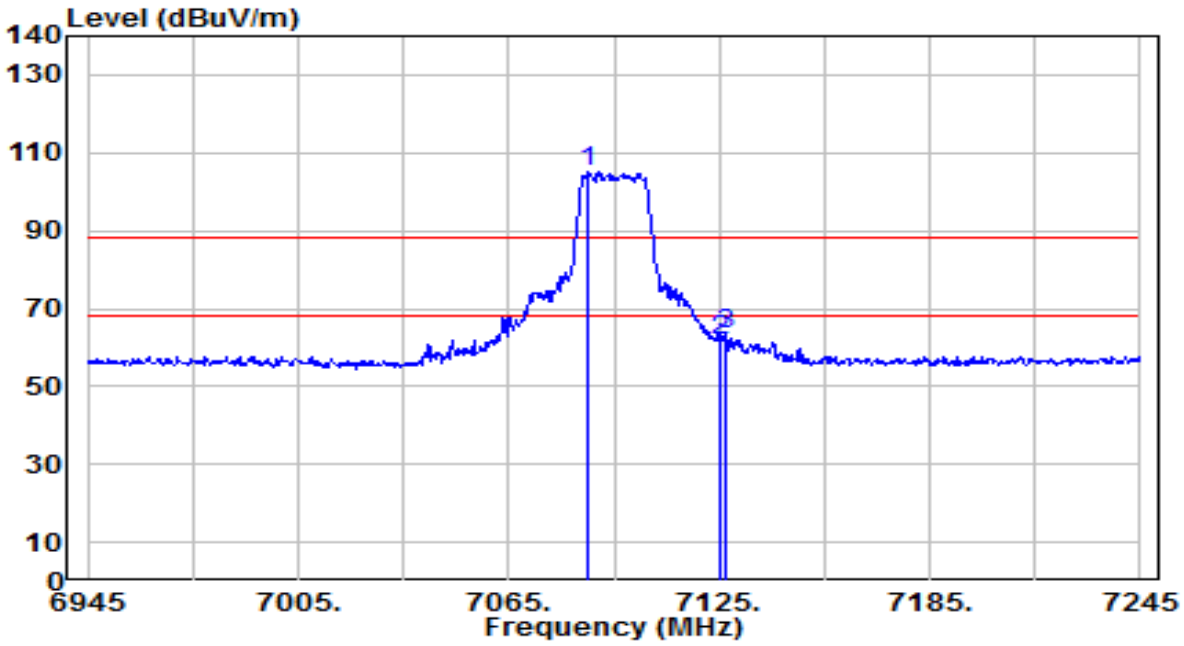


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5919.350	39.19	2.38	41.56	-26.64	68.20	115	230	Average
2		5925.000	38.75	2.38	41.13	-27.07	68.20	115	230	Average
3		6107.690	86.80	2.84	89.63	N/A	N/A	115	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band8_CH 229_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

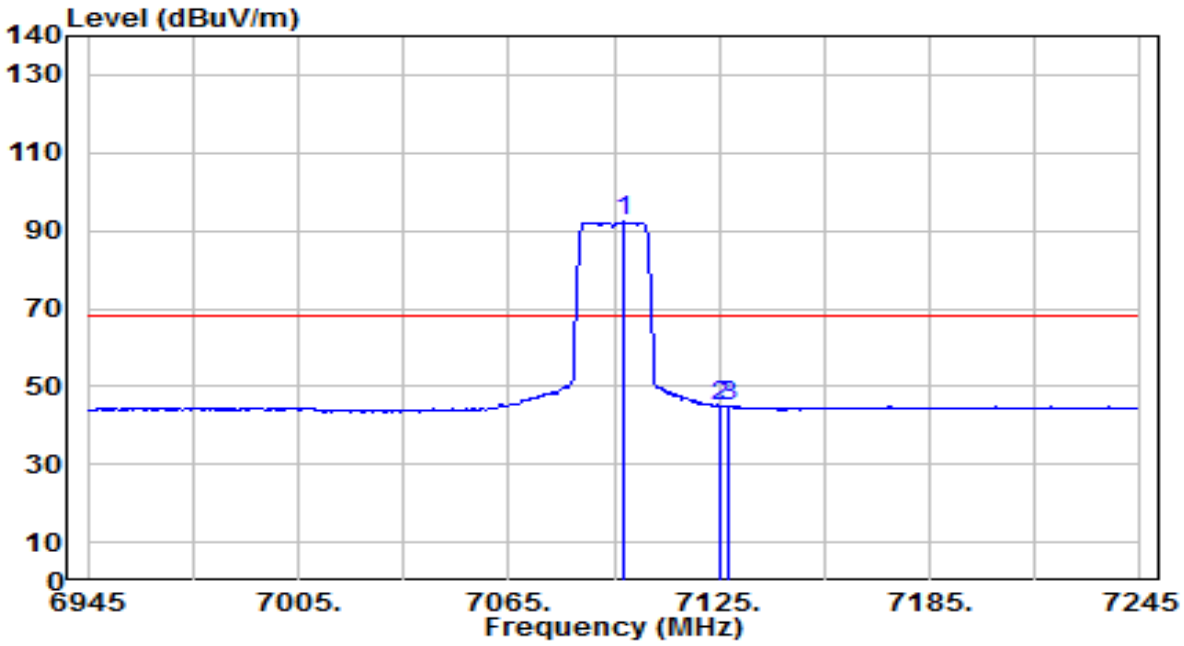


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7087.500	99.57	5.69	105.26	N/A	N/A	270	10	Peak
2		7125.000	56.23	5.73	61.96	-26.24	88.20	270	10	Peak
3	*	7126.500	57.73	5.73	63.47	-24.73	88.20	270	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band8_CH 229_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

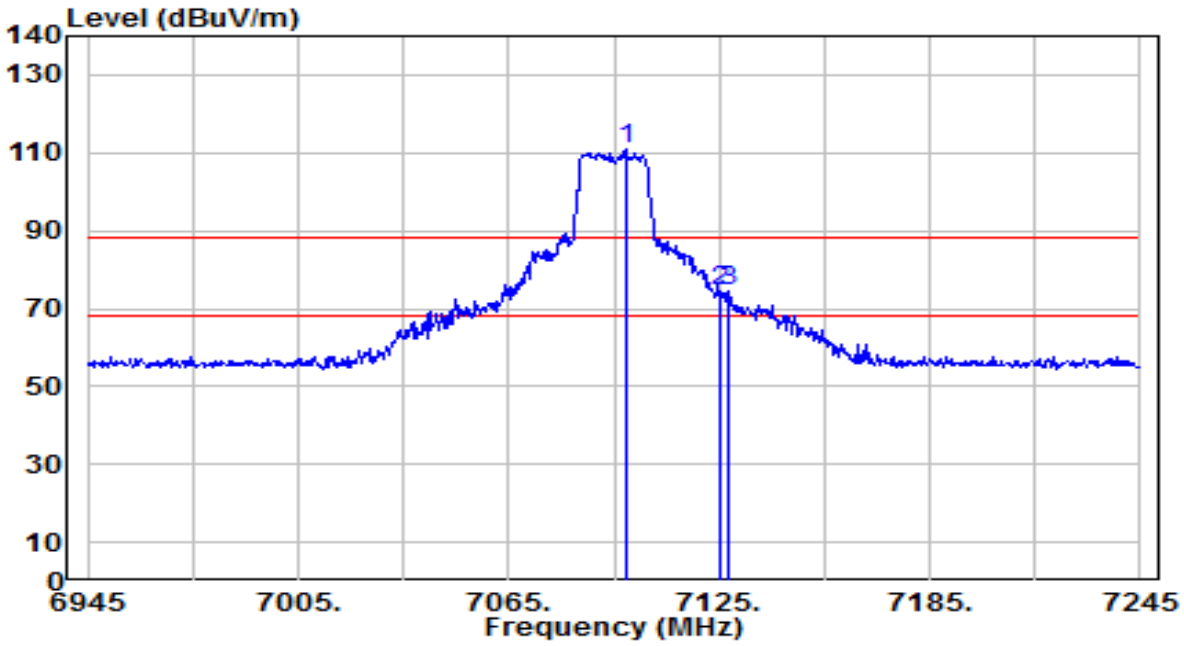


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7097.700	86.52	5.70	92.22	N/A	N/A	270	10	Average
2		7125.000	39.24	5.73	44.97	-23.23	68.20	270	10	Average
3	*	7127.400	39.36	5.74	45.10	-23.10	68.20	270	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band8_CH 229_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

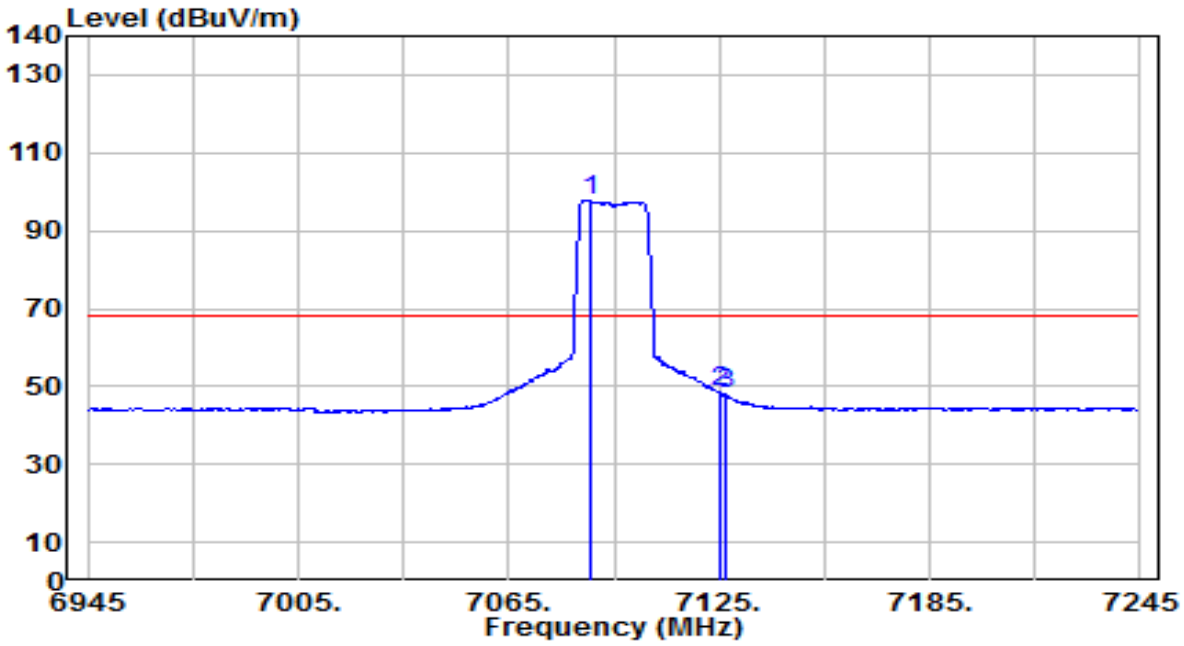


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7098.300	105.04	5.70	110.74	N/A	N/A	155	15	Peak
2		7125.000	68.91	5.73	74.64	-13.56	88.20	155	15	Peak
3	*	7128.000	68.94	5.74	74.68	-13.52	88.20	155	15	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-20MHz_TX_Band8_CH 229_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

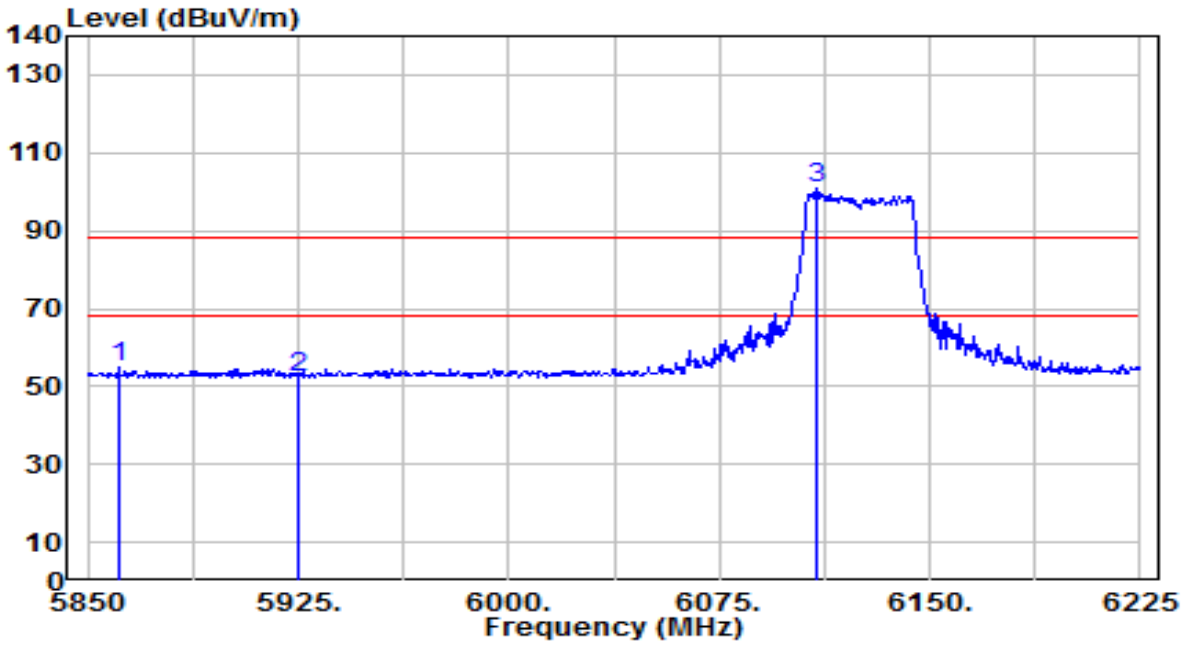


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7088.100	92.28	5.69	97.97	N/A	N/A	155	15	Average
2	*	7125.000	42.69	5.73	48.42	-19.78	68.20	155	15	Average
3		7126.500	42.18	5.73	47.91	-20.29	68.20	155	15	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band5_CH 35_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

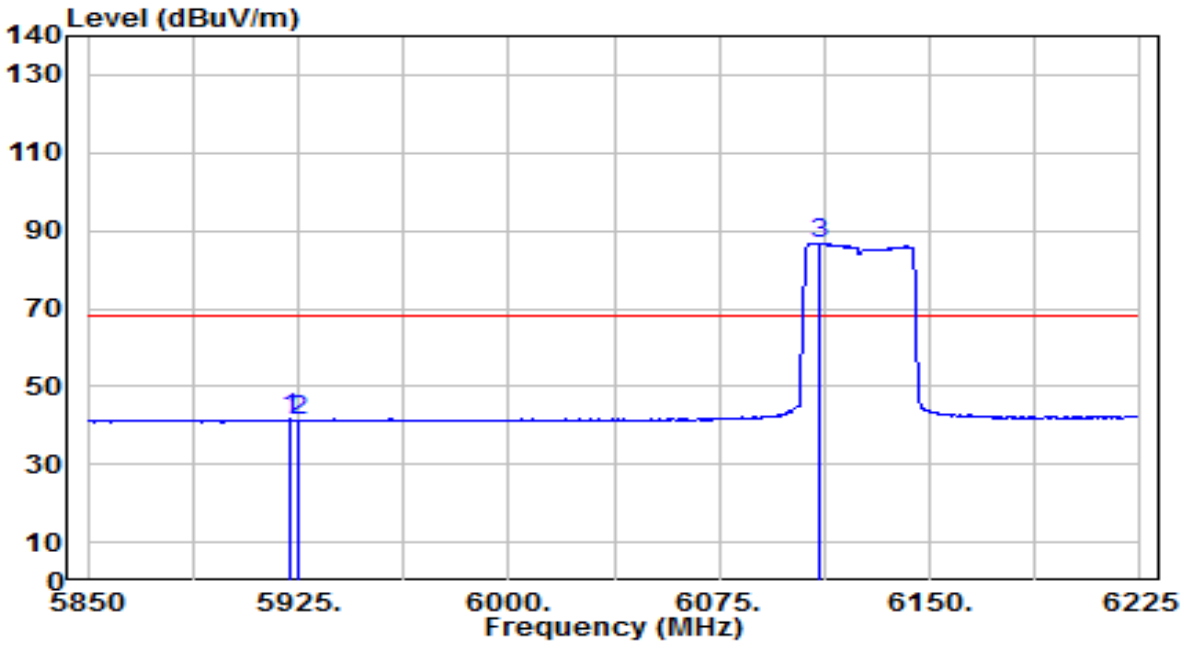


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5861.250	52.58	2.29	54.87	-33.33	88.20	265	10	Peak
2		5925.000	50.10	2.38	52.49	-35.71	88.20	265	10	Peak
3		6109.875	97.92	2.85	100.77	N/A	N/A	265	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band5_CH 35_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

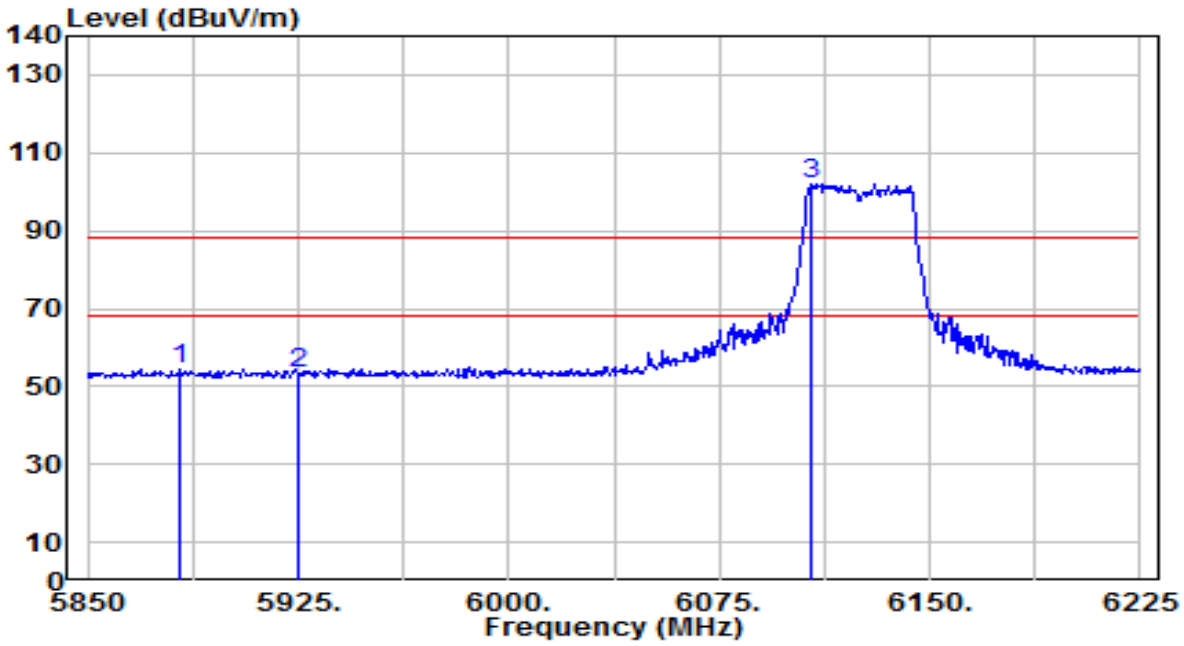


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5921.625	39.16	2.38	41.54	-26.66	68.20	265	10	Average
2		5925.000	38.81	2.38	41.19	-27.01	68.20	265	10	Average
3		6110.625	83.97	2.85	86.82	N/A	N/A	265	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band5_CH 35_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

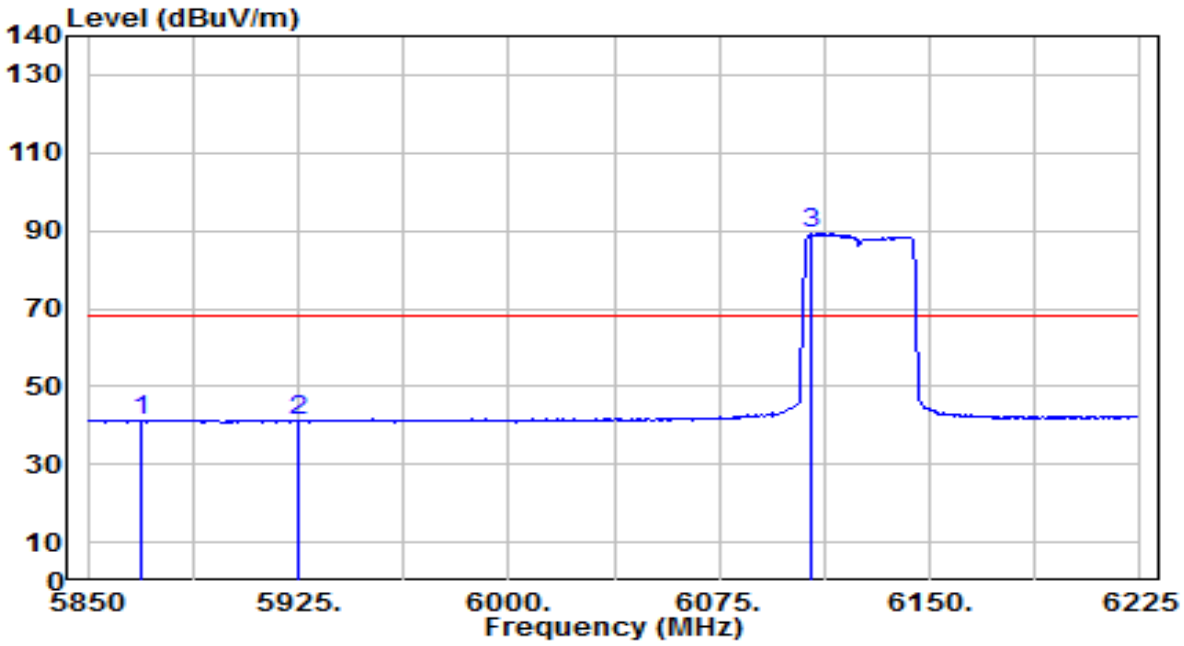


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5883.000	52.06	2.32	54.38	-33.82	88.20	115	230	Peak
2		5925.000	50.74	2.38	53.12	-35.08	88.20	115	230	Peak
3		6107.625	99.18	2.84	102.02	N/A	N/A	115	230	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band5_CH 35_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

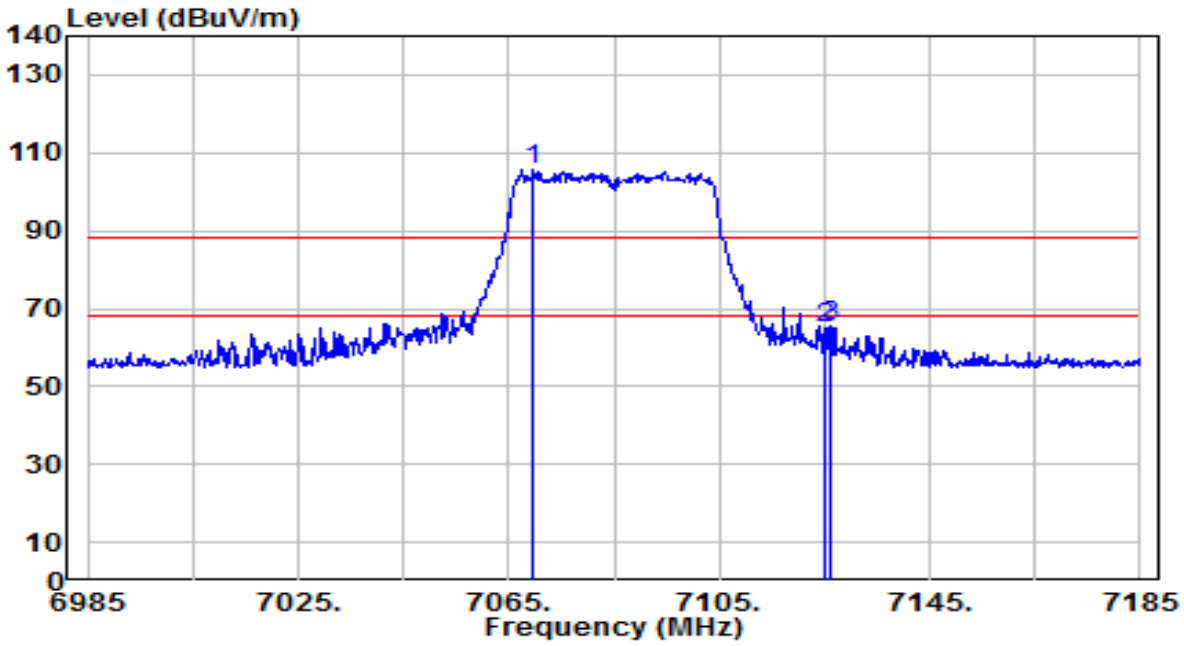


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5869.125	39.12	2.30	41.42	-26.78	68.20	115	230	Average
2		5925.000	38.86	2.38	41.24	-26.96	68.20	115	230	Average
3		6107.625	86.31	2.84	89.14	N/A	N/A	115	230	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band8_CH 227_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

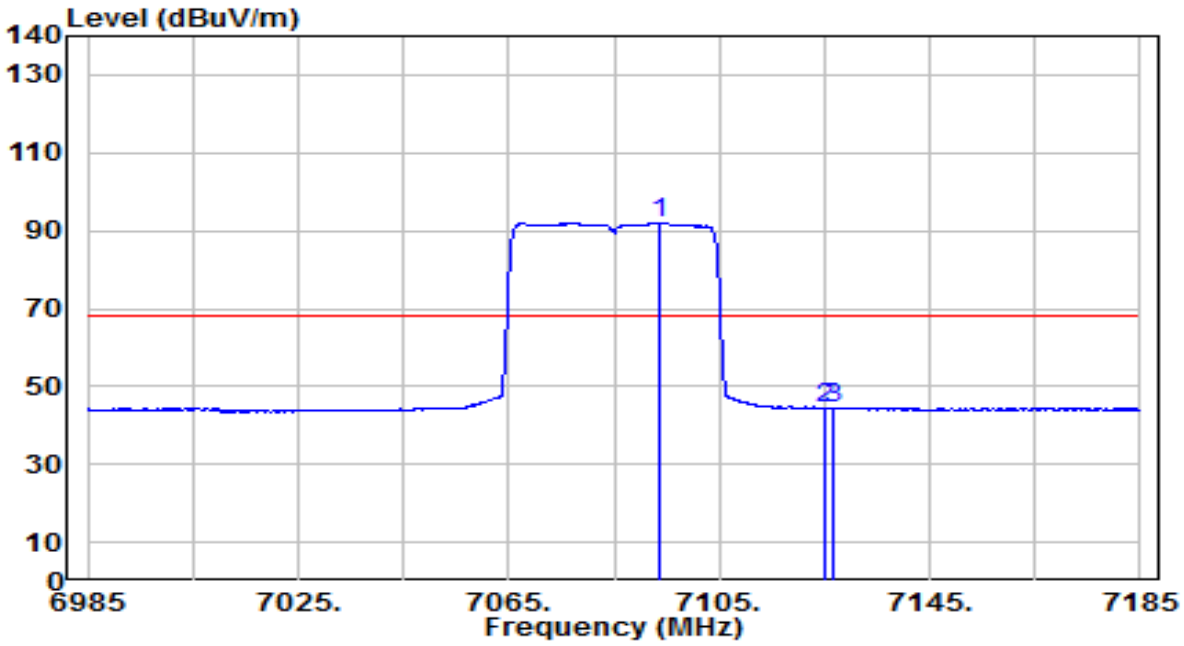


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7069.600	99.79	5.66	105.45	N/A	N/A	265	10	Peak
2		7125.000	59.21	5.73	64.94	-23.26	88.20	265	10	Peak
3	*	7126.000	59.69	5.73	65.42	-22.78	88.20	265	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band8_CH 227_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

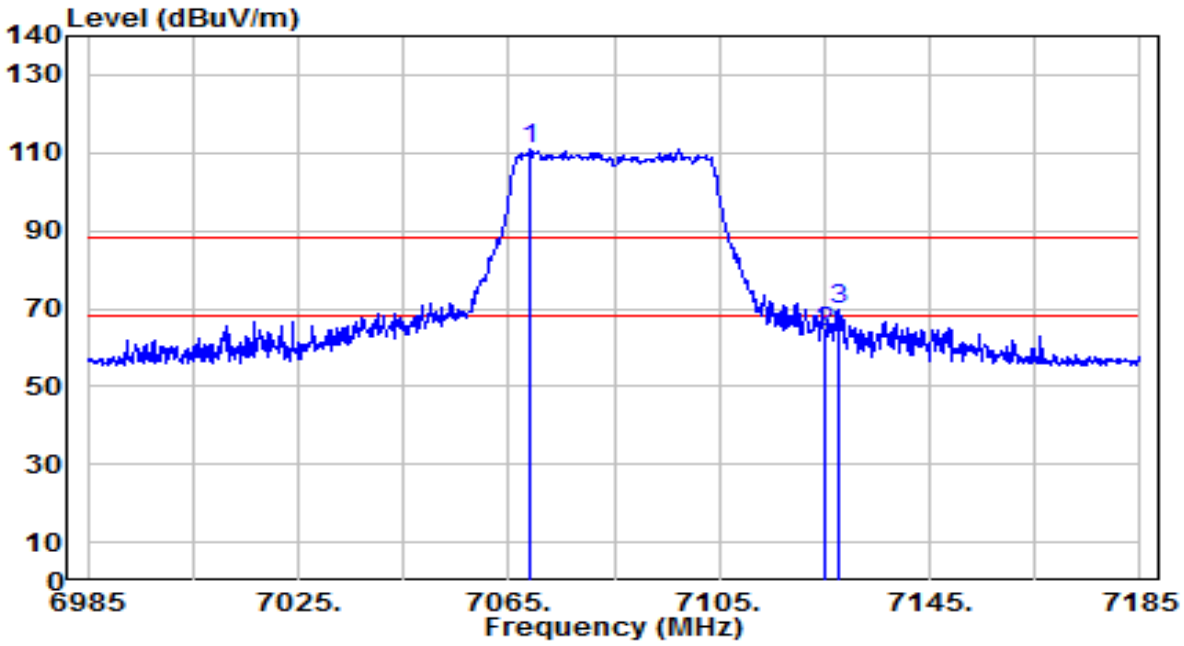


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7093.800	86.19	5.69	91.89	N/A	N/A	265	10	Average
2		7125.000	38.65	5.73	44.38	-23.82	68.20	265	10	Average
3	*	7126.600	38.80	5.73	44.53	-23.67	68.20	265	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band8_CH 227_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

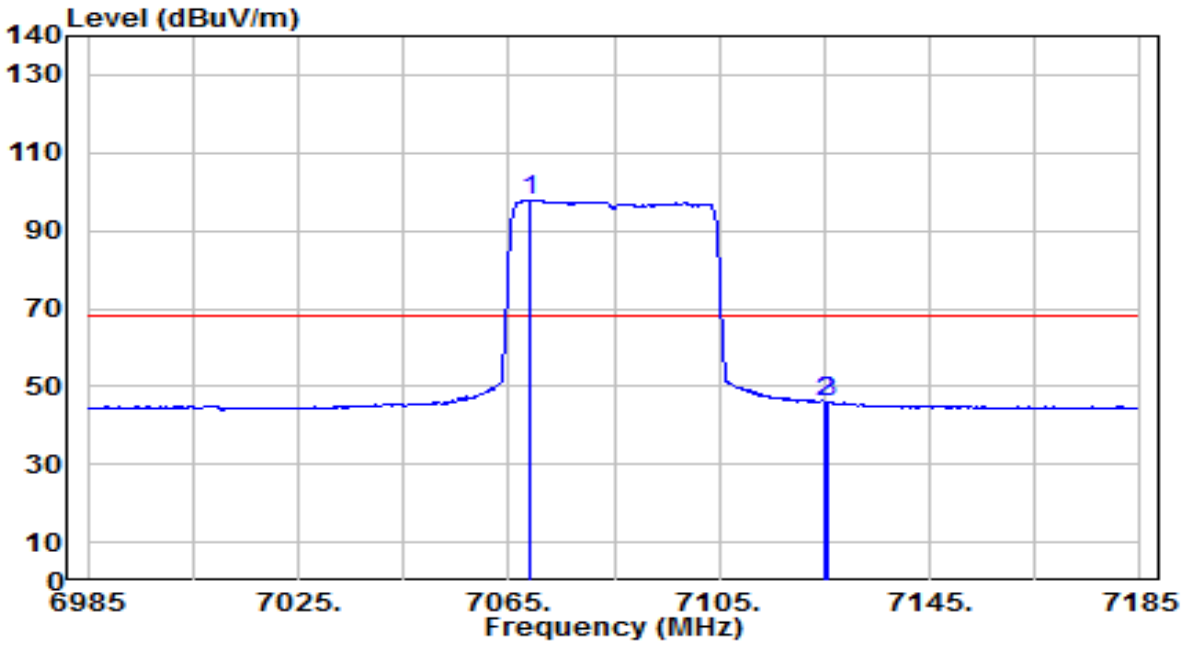


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7068.800	105.30	5.66	110.97	N/A	N/A	165	15	Peak
2		7125.000	58.02	5.73	63.75	-24.45	88.20	165	15	Peak
3	*	7127.800	63.75	5.74	69.49	-18.71	88.20	165	15	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-40MHz_TX_Band8_CH 227_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

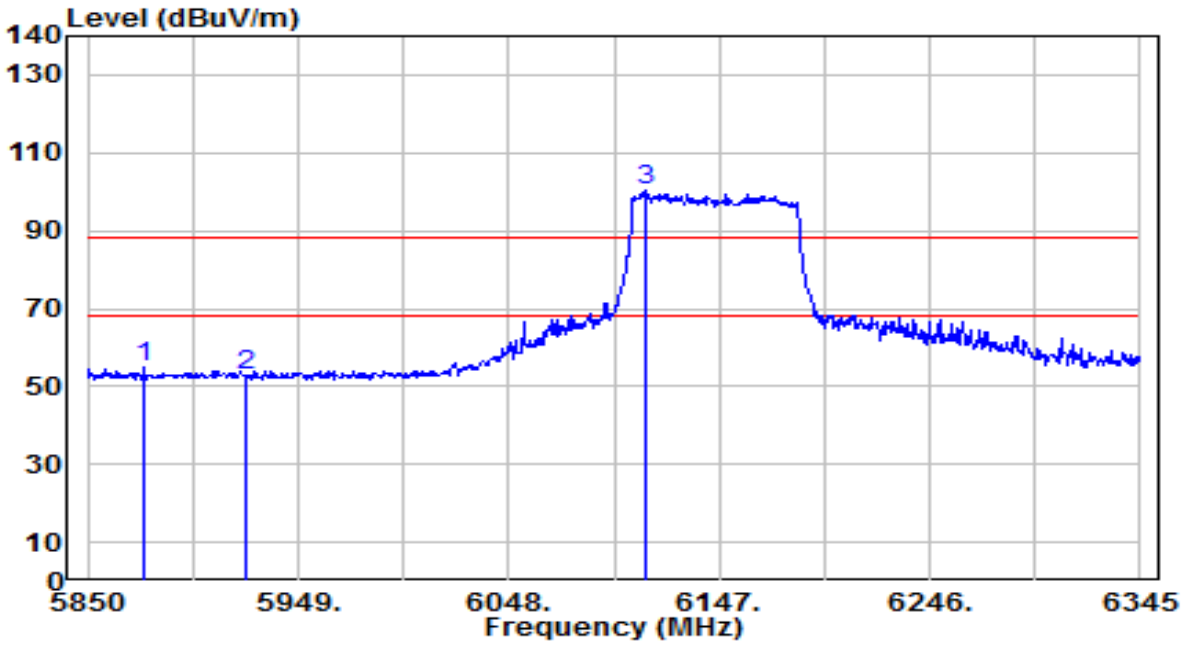


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7068.800	92.28	5.66	97.94	N/A	N/A	165	15	Average
2		7125.000	40.12	5.73	45.85	-22.35	68.20	165	15	Average
3	*	7125.800	40.30	5.73	46.03	-22.17	68.20	165	15	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band5_CH 39_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

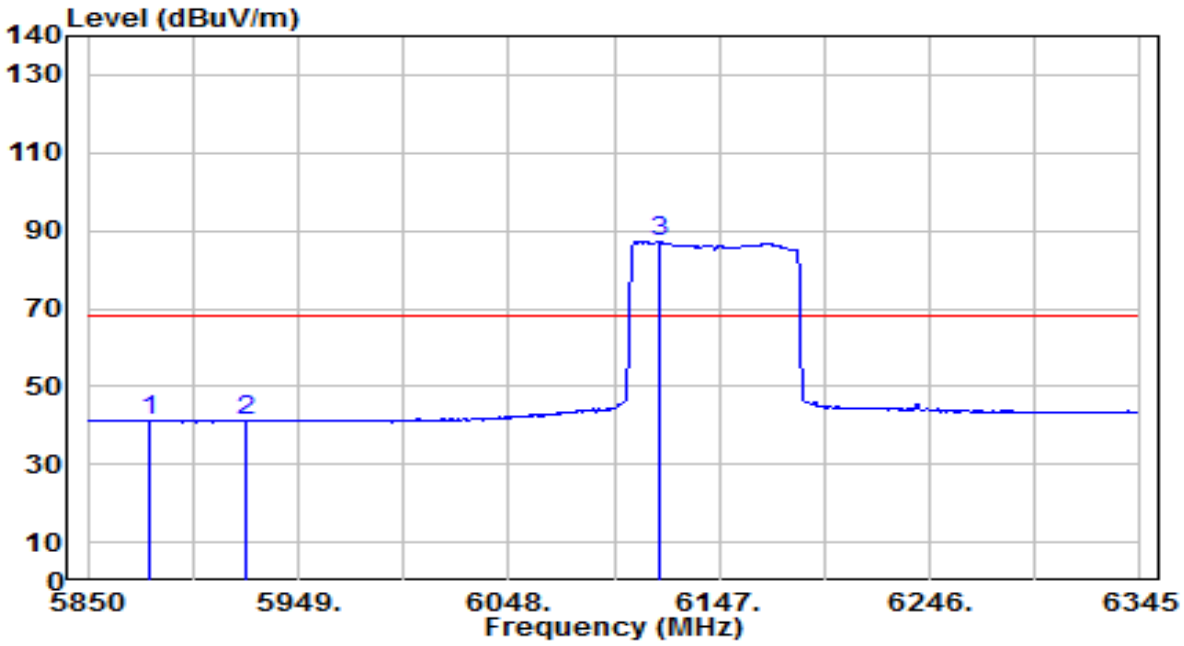


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5876.730	52.75	2.31	55.06	-33.14	88.20	255	10	Peak
2		5925.000	50.46	2.38	52.85	-35.35	88.20	255	10	Peak
3		6112.845	97.40	2.85	100.25	N/A	N/A	255	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band5_CH 39_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

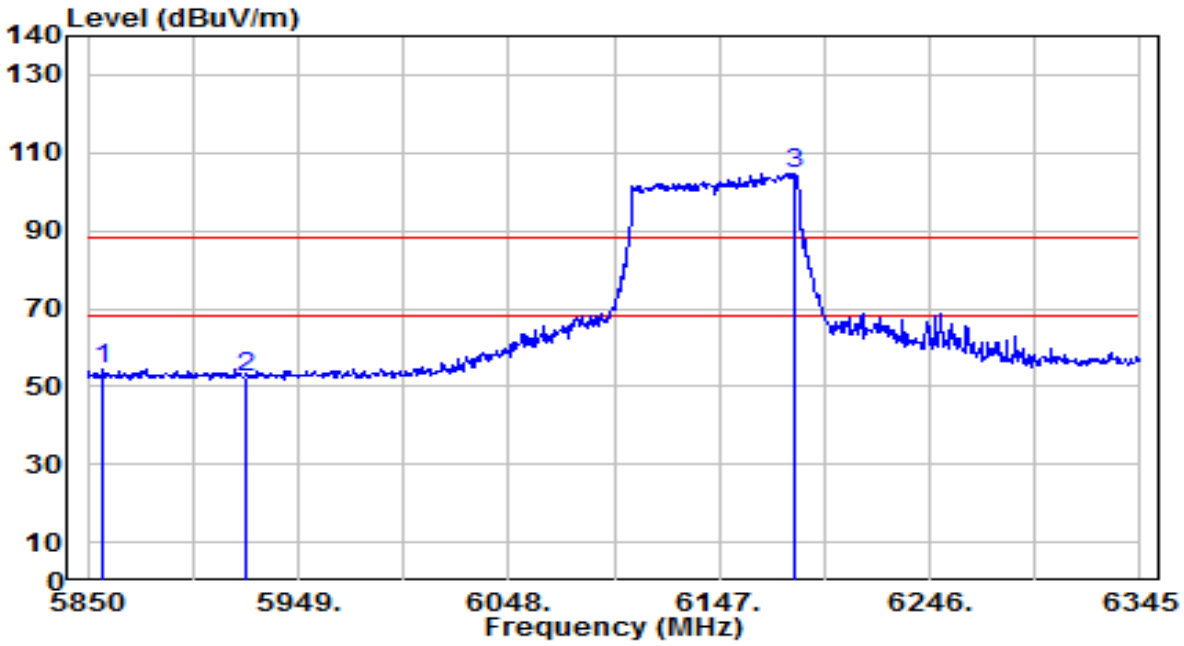


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5879.205	39.09	2.31	41.40	-26.80	68.20	255	10	Average
2		5925.000	38.87	2.38	41.25	-26.95	68.20	255	10	Average
3		6118.785	84.23	2.87	87.11	N/A	N/A	255	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band5_CH 39_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

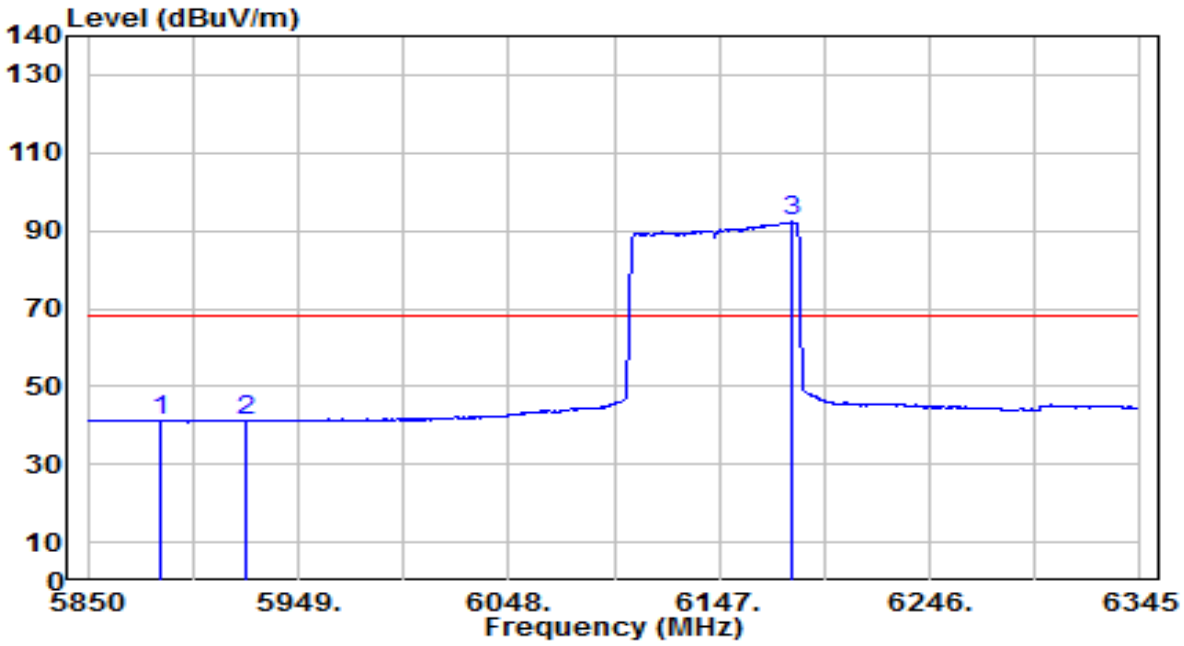


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5857.425	52.18	2.28	54.46	-33.74	88.20	140	185	Peak
2		5925.000	50.05	2.38	52.44	-35.76	88.20	140	185	Peak
3		6182.640	101.71	3.07	104.78	N/A	N/A	140	185	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band5_CH 39_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

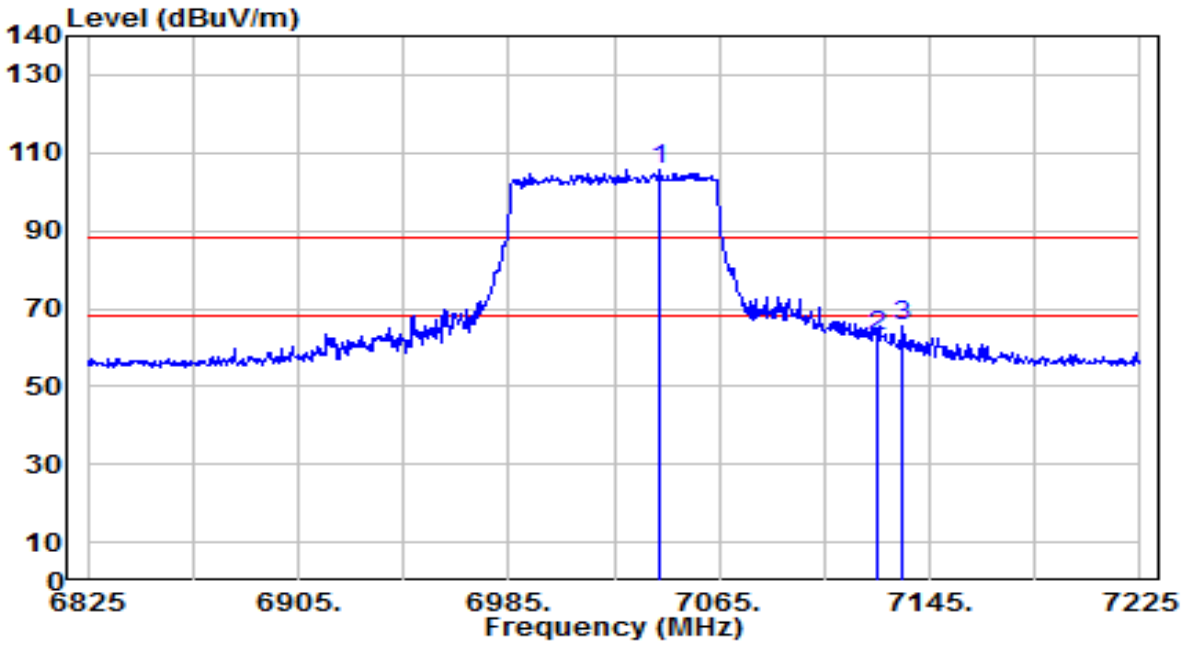


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5884.650	39.11	2.32	41.43	-26.77	68.20	140	185	Average
2		5925.000	38.84	2.38	41.23	-26.97	68.20	140	185	Average
3		6181.650	89.15	3.07	92.22	N/A	N/A	140	185	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

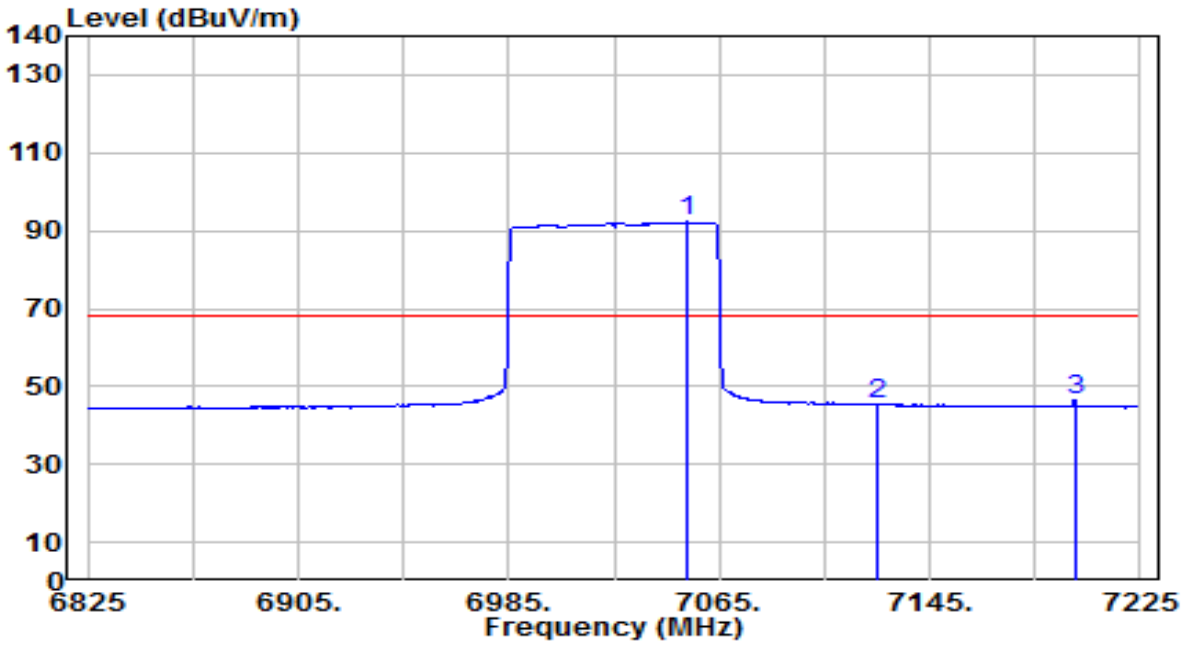


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7042.200	100.14	5.63	105.77	N/A	N/A	265	10	Peak
2		7125.000	57.15	5.73	62.89	-25.31	88.20	265	10	Peak
3	*	7135.000	59.56	5.74	65.31	-22.89	88.20	265	10	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

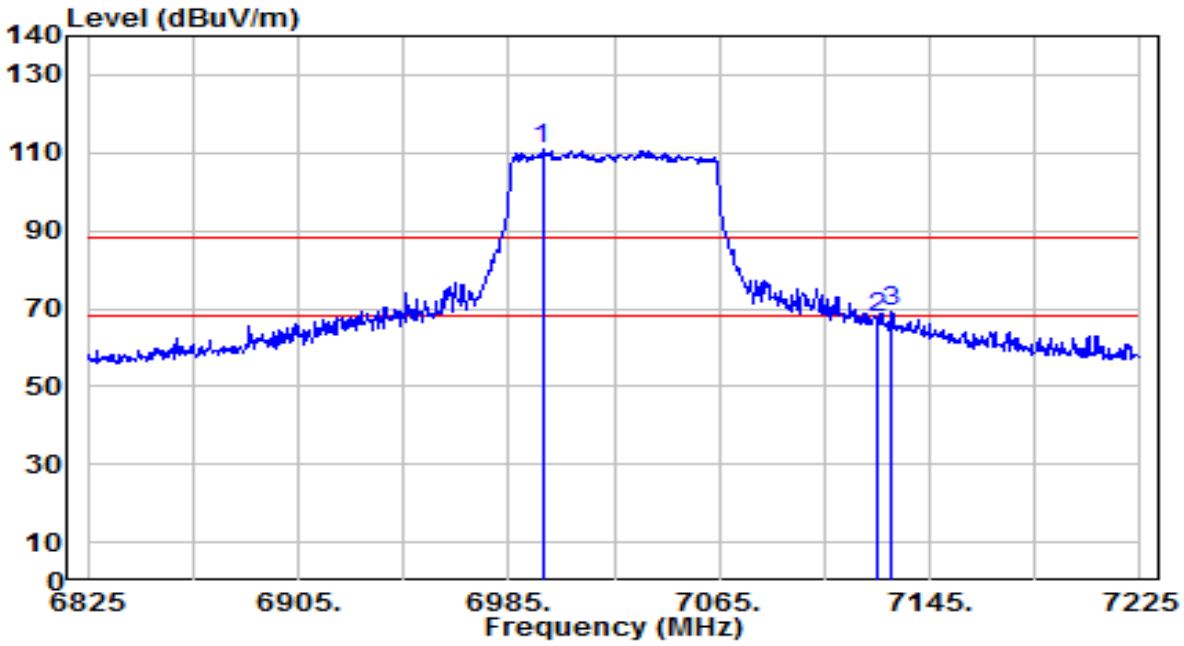


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7053.000	86.57	5.64	92.21	N/A	N/A	265	10	Average
2		7125.000	39.57	5.73	45.31	-22.89	68.20	265	10	Average
3	*	7200.200	40.79	5.82	46.61	-21.59	68.20	265	10	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

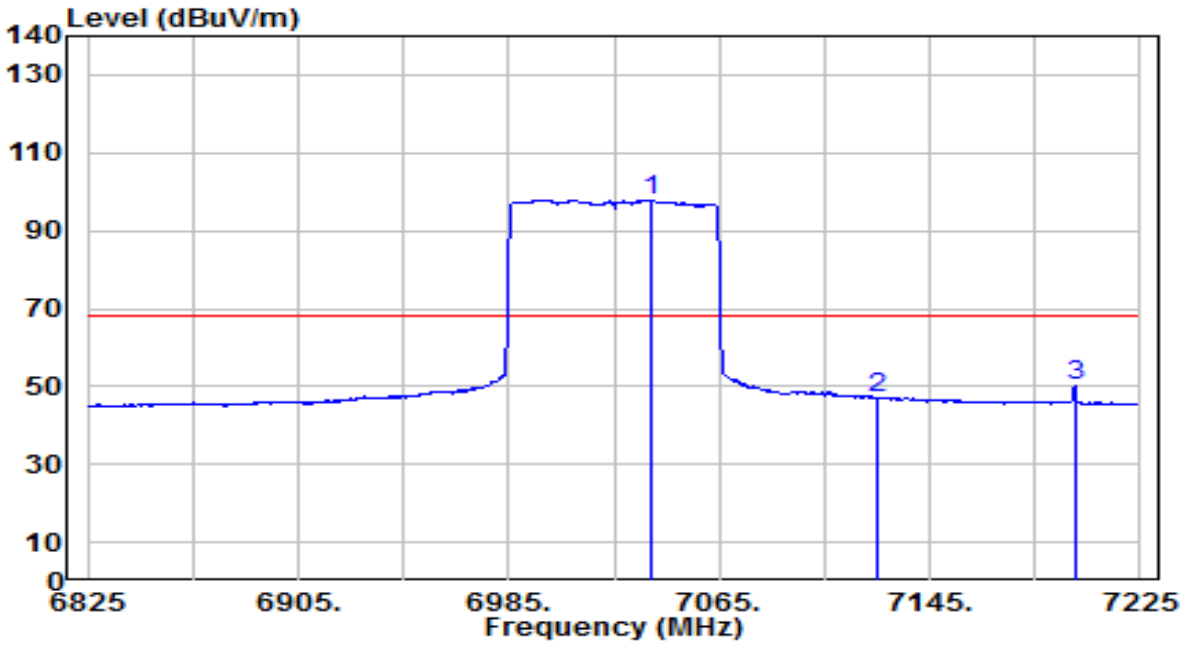


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		6997.800	105.27	5.58	110.85	N/A	N/A	175	15	Peak
2		7125.000	61.70	5.73	67.43	-20.77	88.20	175	15	Peak
3	*	7130.200	63.22	5.74	68.96	-19.24	88.20	175	15	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band8_CH 215_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

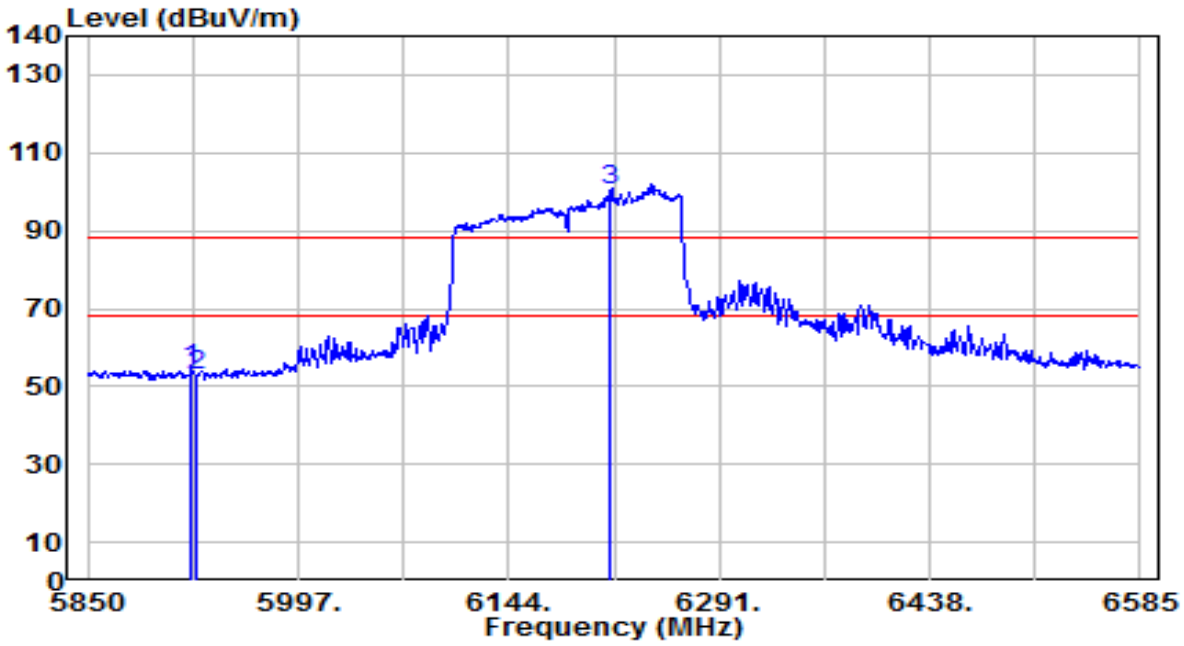


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7039.400	92.26	5.63	97.89	N/A	N/A	175	15	Average
2		7125.000	41.16	5.73	46.89	-21.31	68.20	175	15	Average
3	*	7200.200	44.12	5.82	49.94	-18.26	68.20	175	15	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band5_CH 47_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

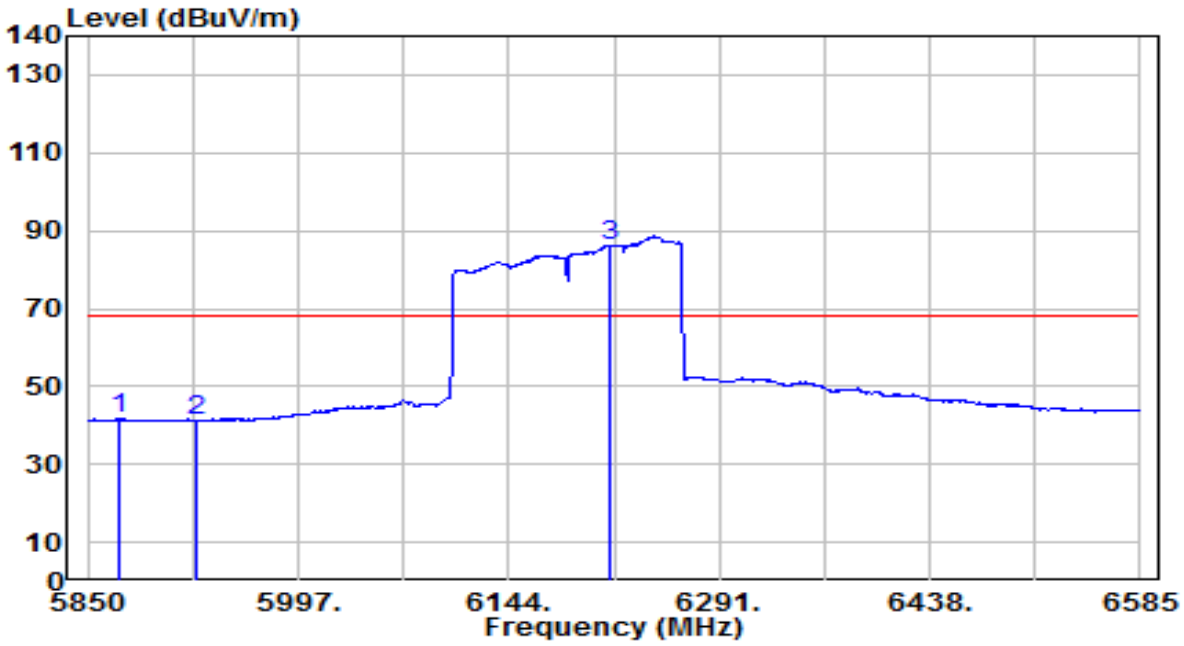


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5922.765	51.95	2.38	54.34	-33.86	88.20	130	150	Peak
2		5925.000	50.23	2.38	52.61	-35.59	88.20	130	150	Peak
3		6214.560	97.07	3.25	100.32	N/A	N/A	130	150	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band5_CH 47_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

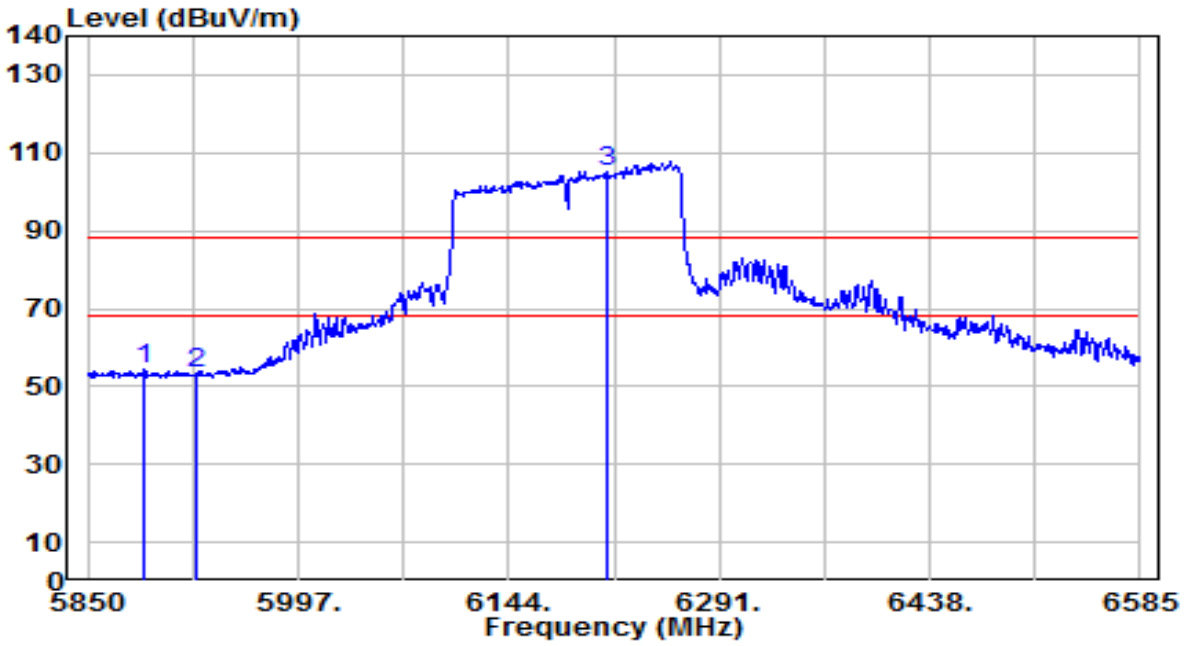


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5872.050	39.40	2.30	41.71	-26.49	68.20	130	150	Average
2		5925.000	39.00	2.38	41.38	-26.82	68.20	130	150	Average
3		6213.825	82.93	3.24	86.17	N/A	N/A	130	150	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band5_CH 47_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

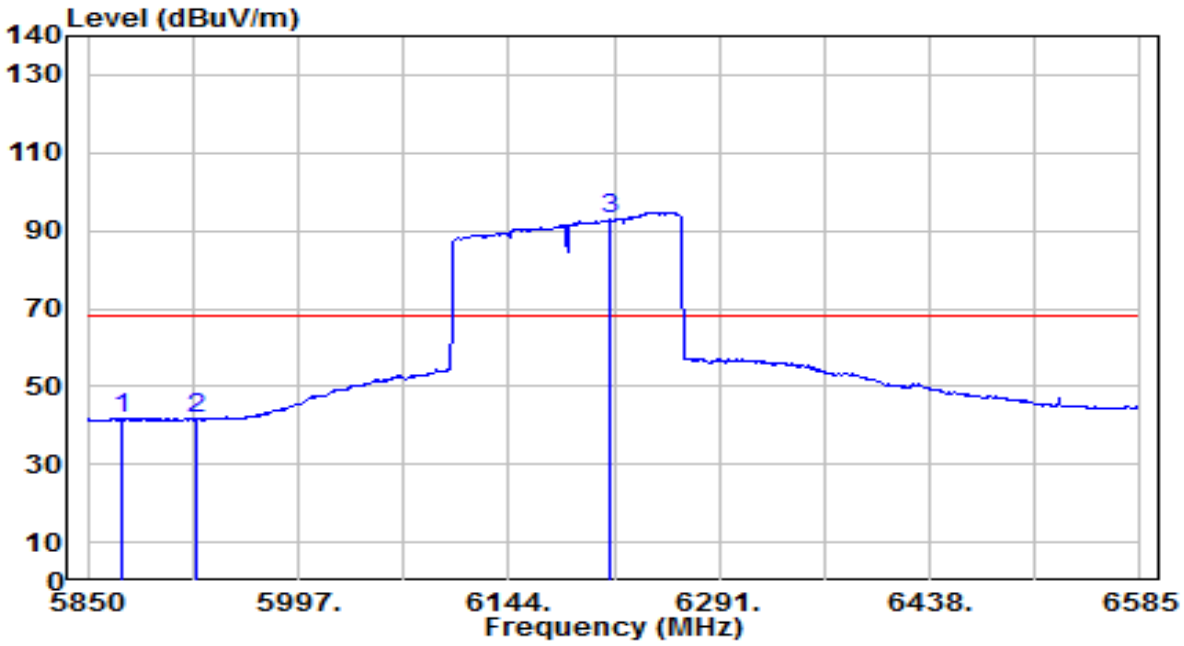


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5889.690	52.07	2.33	54.40	-33.80	88.20	140	190	Peak
2		5925.000	51.15	2.38	53.53	-34.67	88.20	140	190	Peak
3		6213.090	102.01	3.23	105.24	N/A	N/A	140	190	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band5_CH 47_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

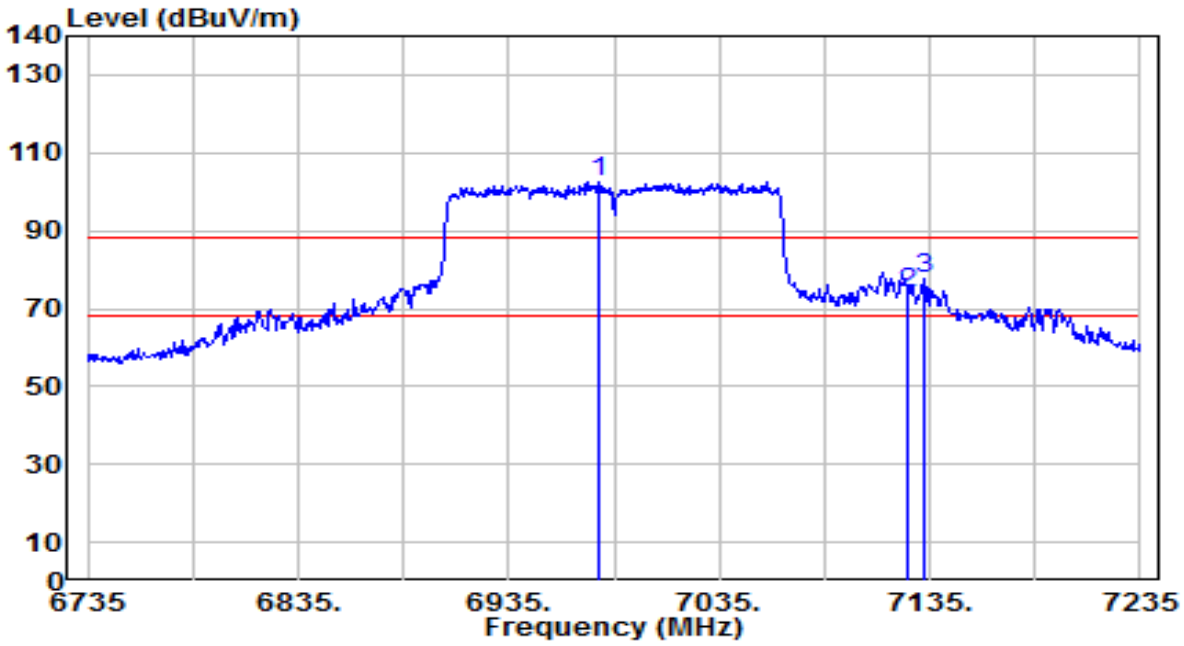


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5873.520	39.39	2.31	41.70	-26.50	68.20	140	190	Average
2		5925.000	39.12	2.38	41.50	-26.70	68.20	140	190	Average
3		6214.560	89.53	3.25	92.77	N/A	N/A	140	190	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

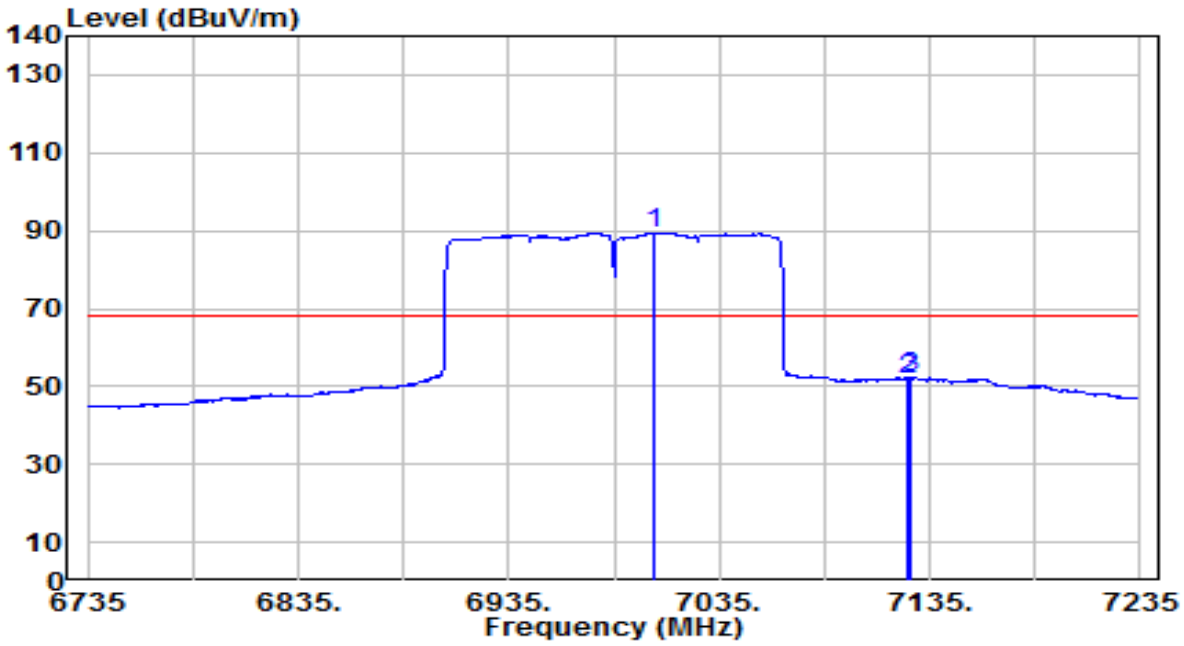


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		6977.500	97.01	5.60	102.61	N/A	N/A	100	65	Peak
2		7125.000	68.12	5.73	73.85	-14.35	88.20	100	65	Peak
3	*	7132.500	71.90	5.74	77.64	-10.56	88.20	100	65	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

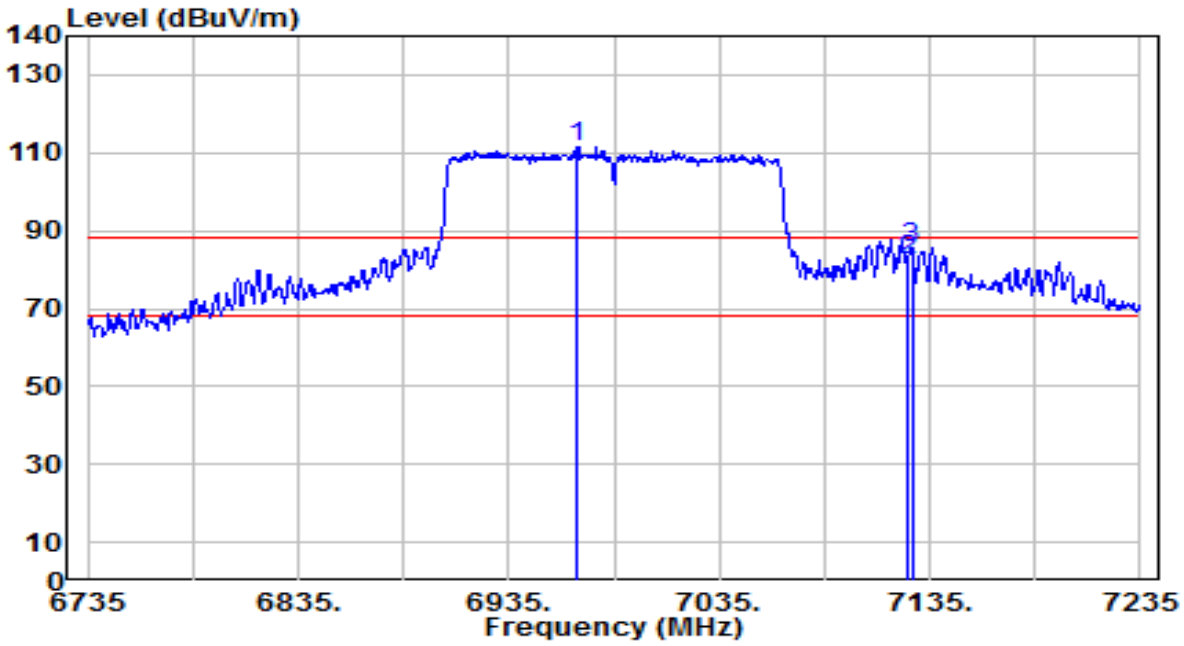


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		7004.000	83.95	5.58	89.54	N/A	N/A	100	65	Average
2		7125.000	46.11	5.73	51.84	-16.36	68.20	100	65	Average
3	*	7126.000	46.68	5.73	52.41	-15.79	68.20	100	65	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz

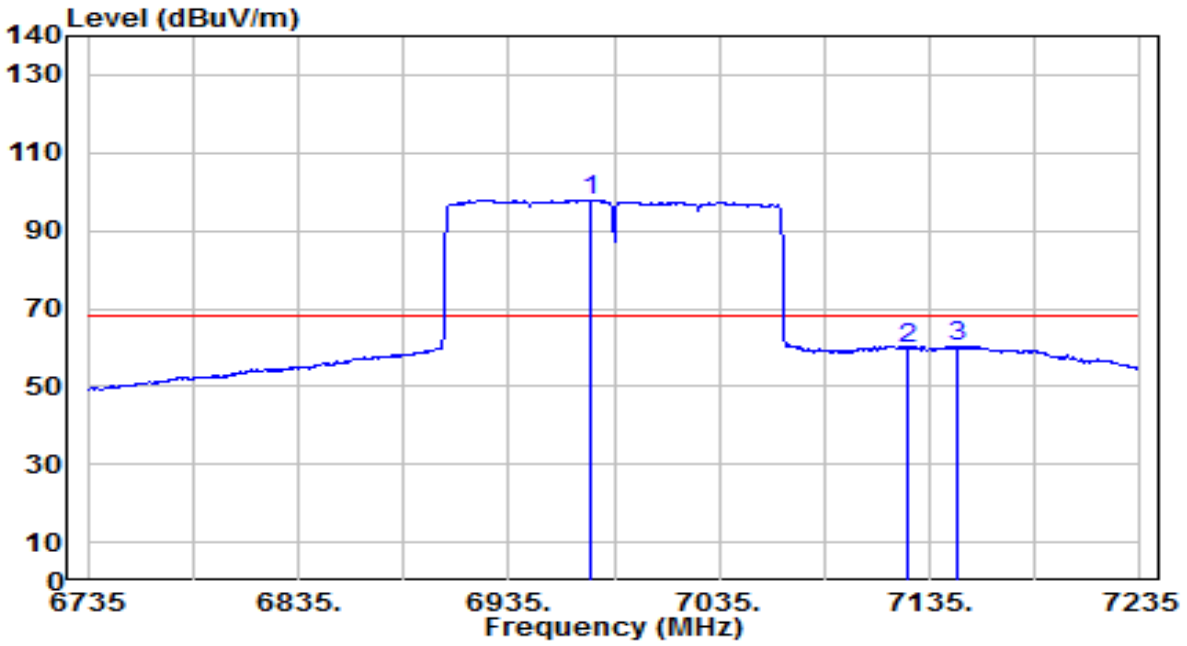


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		6967.500	106.07	5.61	111.68	N/A	N/A	195	20	Peak
2		7125.000	76.84	5.73	82.57	-5.63	88.20	195	20	Peak
3	*	7126.500	79.95	5.73	85.69	-2.51	88.20	195	20	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-12
Factor	DRH18-E	Temp. / Humidity	25°C /60%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band8_CH 207_ANT 0+1_N_{SS}=2	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		6974.500	92.17	5.60	97.77	N/A	N/A	195	20	Average
2		7125.000	54.17	5.73	59.90	-8.30	68.20	195	20	Average
3	*	7147.500	54.57	5.76	60.33	-7.87	68.20	195	20	Average

Note:

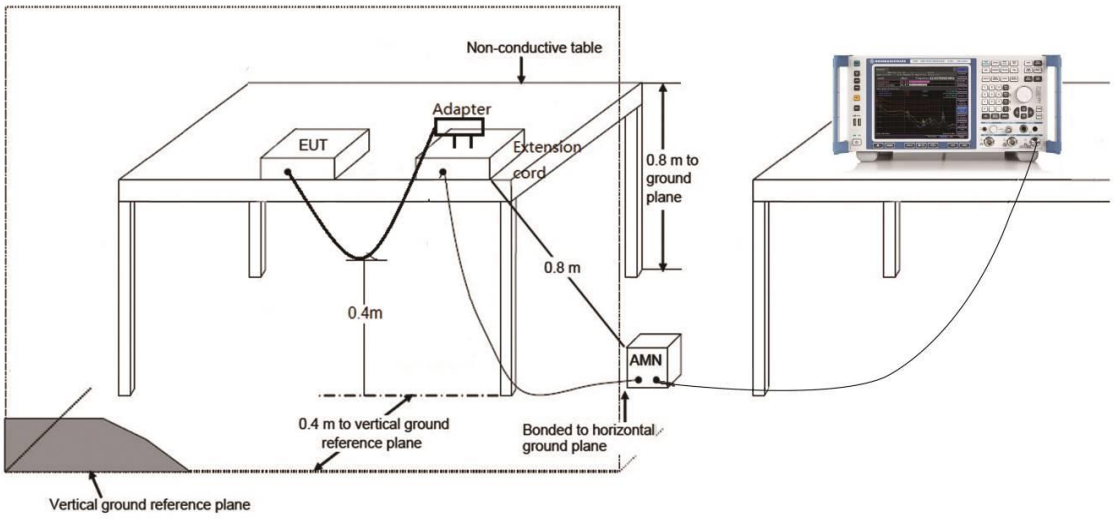
1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

6.10 AC Conducted Emissions

6.10.1 Test Limit

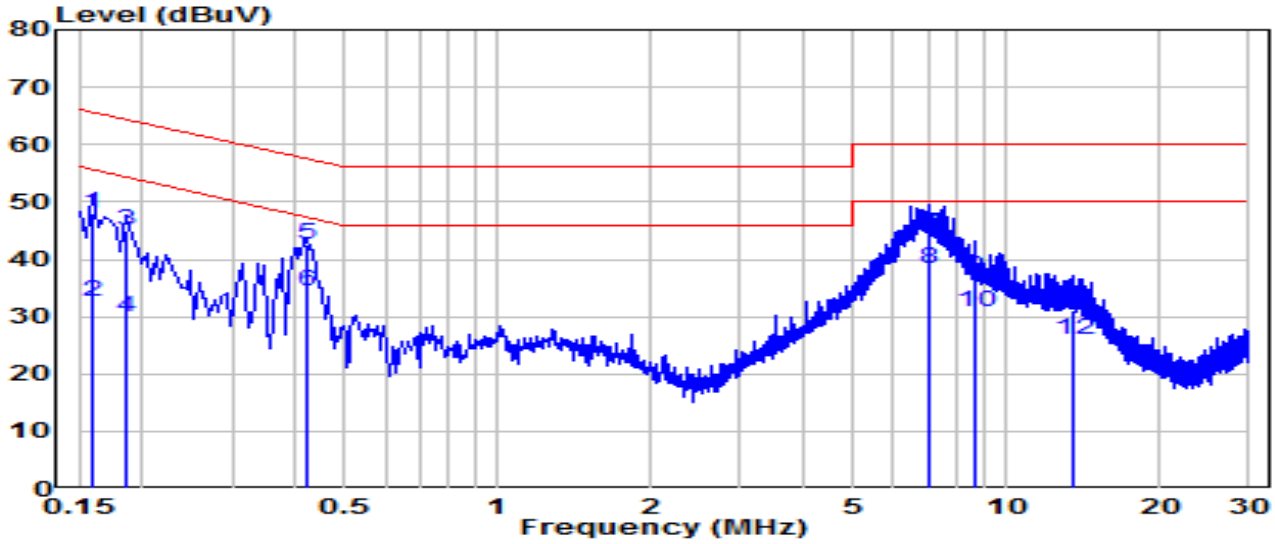
FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.10.2 Test Setup



6.10.3 Test Result

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-11
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	22.1°C /60%
Polarity	Line1	Site / Test Engineer	SR2 / Dio
Test Mode	802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

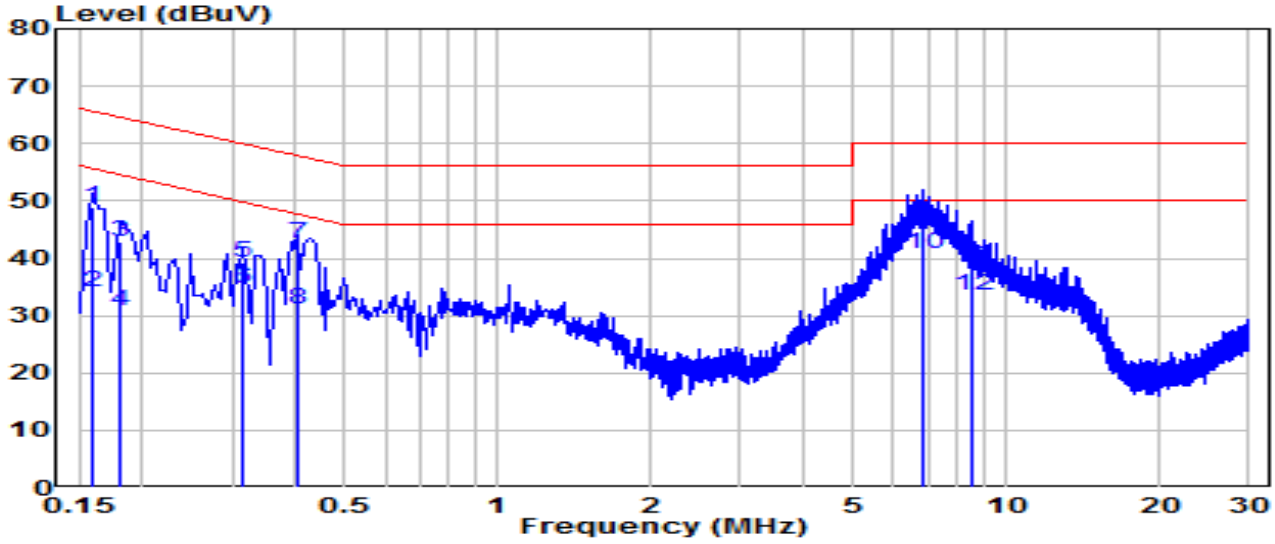


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	38.53	9.62	48.15	-17.37	65.52	QP
2		0.159	22.91	9.62	32.53	-22.99	55.52	Average
3		0.186	35.24	9.62	44.86	-19.35	64.21	QP
4		0.186	20.33	9.62	29.95	-24.26	54.21	Average
5		0.420	32.81	9.64	42.44	-15.01	57.45	QP
6		0.420	24.73	9.64	34.36	-13.08	47.45	Average
7	*	7.057	34.48	9.79	44.27	-15.73	60.00	QP
8	*	7.057	28.65	9.79	38.44	-11.56	50.00	Average
9		8.726	27.04	9.83	36.87	-23.13	60.00	QP
10		8.726	21.08	9.83	30.92	-19.09	50.00	Average
11		13.617	21.35	9.88	31.23	-28.77	60.00	QP
12		13.617	15.97	9.88	25.85	-24.15	50.00	Average

Note:

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

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-11
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	22.1°C /60%
Polarity	Neutral	Site / Test Engineer	SR2 / Dio
Test Mode	802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

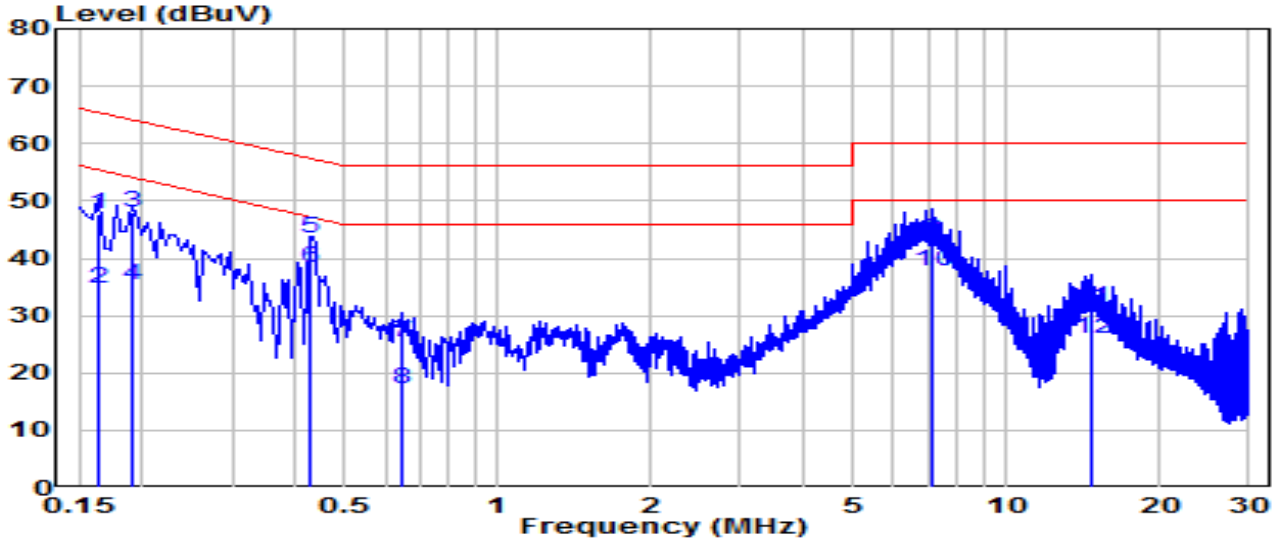


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	39.18	9.62	48.80	-16.72	65.52	QP
2		0.159	24.48	9.62	34.10	-21.42	55.52	Average
3		0.181	33.22	9.62	42.85	-21.57	64.42	QP
4		0.181	21.29	9.62	30.91	-23.50	54.42	Average
5		0.316	29.62	9.63	39.25	-20.55	59.80	QP
6		0.316	24.97	9.63	34.59	-15.20	49.80	Average
7		0.406	32.90	9.63	42.54	-15.18	57.72	QP
8		0.406	21.41	9.63	31.05	-16.67	47.72	Average
9	*	6.823	36.20	9.79	45.99	-14.01	60.00	QP
10	*	6.823	30.97	9.79	40.77	-9.23	50.00	Average
11		8.510	28.90	9.83	38.73	-21.27	60.00	QP
12		8.510	23.77	9.83	33.60	-16.40	50.00	Average

Note:

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

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-11
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	22.1°C /60%
Polarity	Line1	Site / Test Engineer	SR2 / Dio
Test Mode	802.11ax-20MHz_TX_Band5_CH 1_ANT 0+1	Test Voltage	AC 240V/60Hz

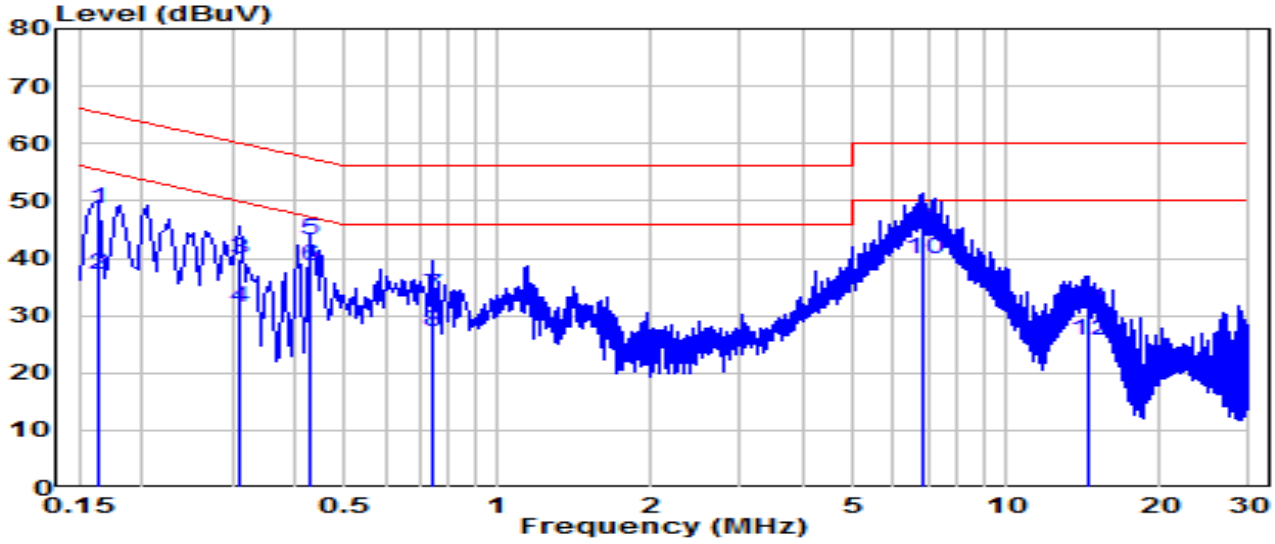


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.163	38.05	9.62	47.67	-17.61	65.28	QP
2		0.163	25.17	9.62	34.79	-20.50	55.28	Average
3		0.190	38.31	9.62	47.93	-16.08	64.01	QP
4		0.190	25.73	9.62	35.35	-18.66	54.01	Average
5	*	0.429	33.93	9.64	43.57	-13.70	57.27	QP
6	*	0.429	28.80	9.64	38.43	-8.84	47.27	Average
7		0.645	15.82	9.65	25.47	-30.53	56.00	QP
8		0.645	7.42	9.65	17.07	-28.93	46.00	Average
9		7.174	33.46	9.79	43.26	-16.74	60.00	QP
10		7.174	27.91	9.79	37.71	-12.29	50.00	Average
11		14.625	21.39	9.89	31.28	-28.72	60.00	QP
12		14.625	15.97	9.89	25.86	-24.14	50.00	Average

Note:

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

EUT	AXE5400 Whole Home Mesh Wi-Fi 6E System	Date of Test	2022-10-11
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	22.1°C /60%
Polarity	Neutral	Site / Test Engineer	SR2 / Dio
Test Mode	802.11ax-20MHz_TX_Band5_CH 1_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		0.163	38.94	9.62	48.56	-16.72	65.28	QP
2		0.163	27.55	9.62	37.17	-18.11	55.28	Average
3		0.312	30.10	9.63	39.73	-20.18	59.92	QP
4		0.312	21.63	9.63	31.26	-18.65	49.92	Average
5	*	0.429	33.52	9.64	43.16	-14.12	57.27	QP
6	*	0.429	28.96	9.64	38.60	-8.68	47.27	Average
7		0.739	23.96	9.66	33.61	-22.39	56.00	QP
8		0.739	17.48	9.66	27.13	-18.87	46.00	Average
9		6.863	35.49	9.79	45.28	-14.72	60.00	QP
10		6.863	30.06	9.79	39.86	-10.14	50.00	Average
11		14.526	21.22	9.92	31.14	-28.86	60.00	QP
12		14.526	15.81	9.92	25.74	-24.26	50.00	Average

Note:

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

7 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.

Appendix A : Test Setup Photograph

Refer to “2209TW0106_Setup Photo” file.

Appendix B : External Photograph

Refer to “2209TW0106_External Photo” file.

Appendix C : Internal Photograph

Refer to “2209TW0106_Internal Photo” file.

The End