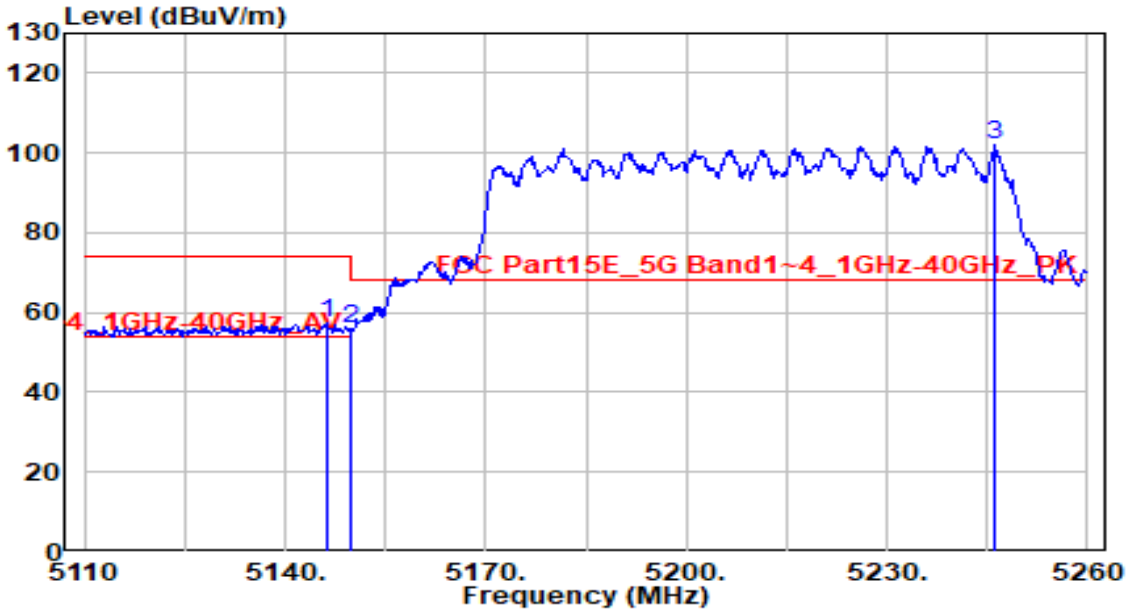
EUT	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

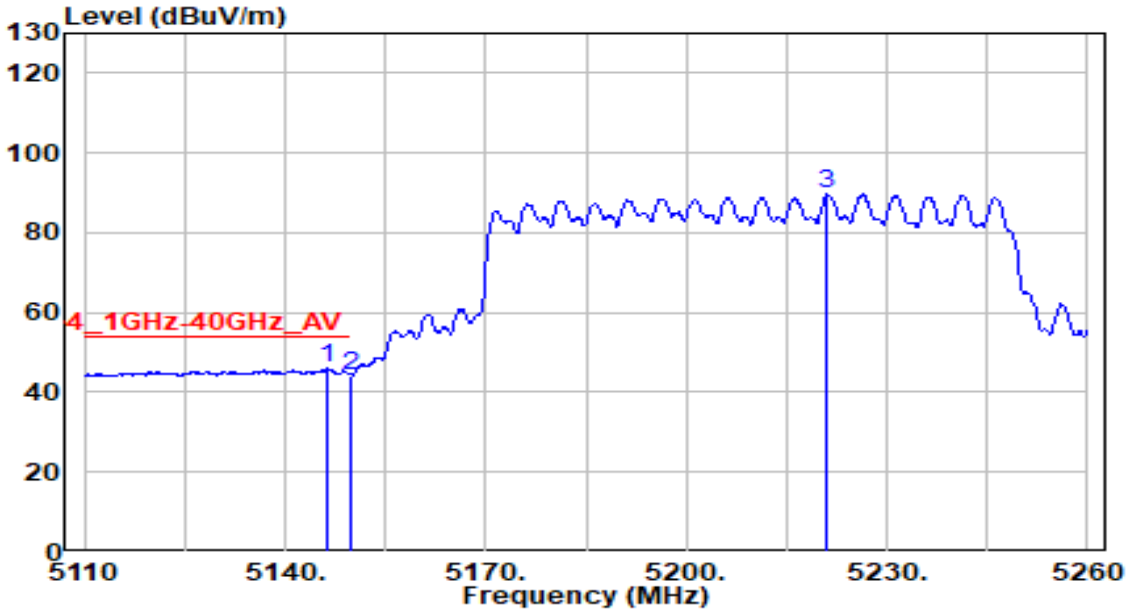


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.150	56.54	0.79	57.33	-16.67	74.00	310	70	Peak
2		5150.000	55.06	0.80	55.86	-18.14	74.00	310	70	Peak
3		5246.200	101.06	0.78	101.84	N/A	N/A	310	70	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

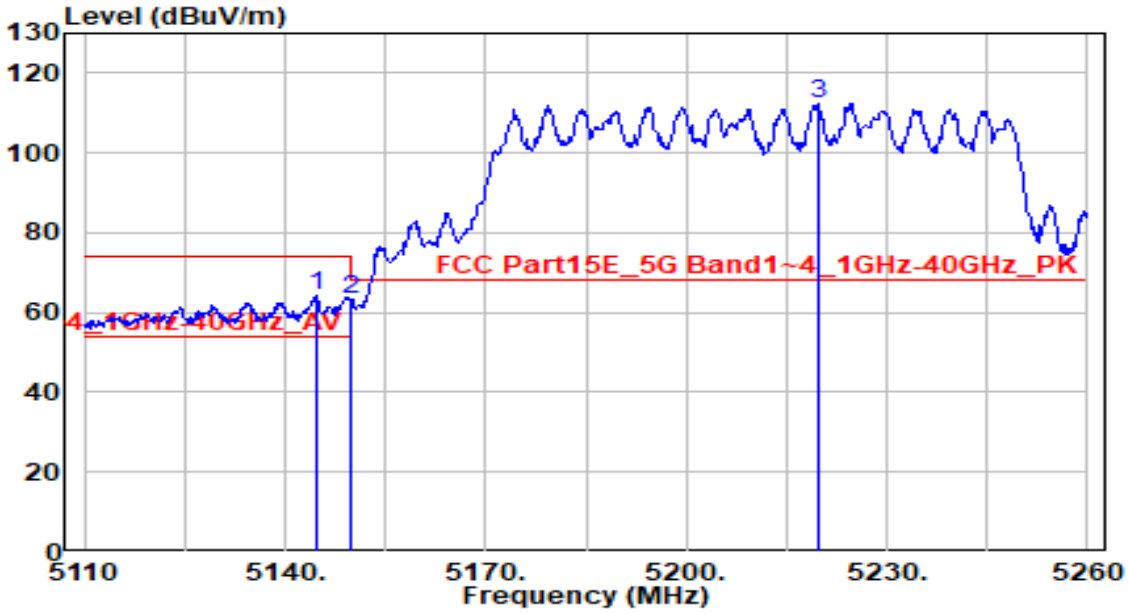


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5146.150	45.25	0.79	46.04	-7.96	54.00	310	70	Average
2		5150.000	43.41	0.80	44.21	-9.79	54.00	310	70	Average
3		5221.150	88.81	0.82	89.63	N/A	N/A	310	70	Average

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

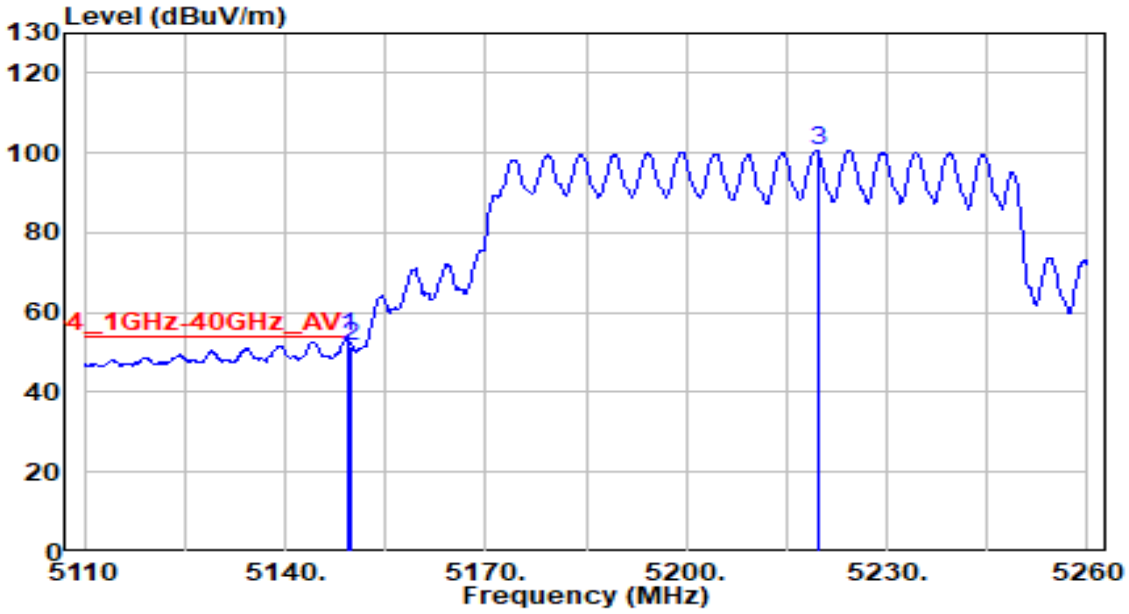


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5144.650	63.32	0.79	64.11	-9.89	74.00	200	100	Peak
2		5150.000	62.50	0.80	63.29	-10.71	74.00	200	100	Peak
3		5219.800	111.48	0.82	112.30	N/A	N/A	200	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band1_CH 42_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

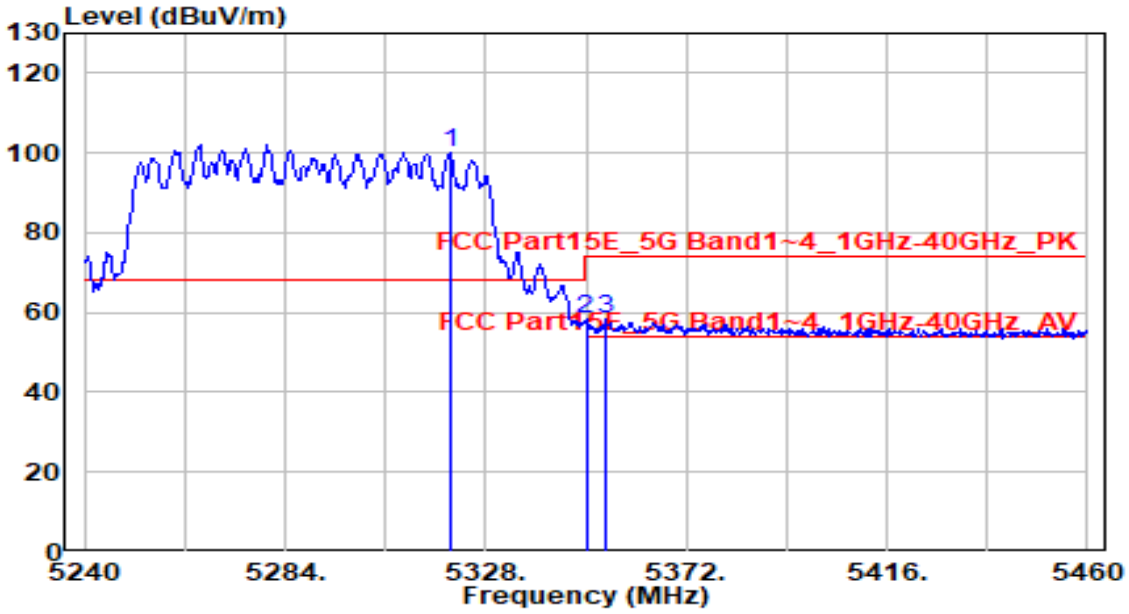


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5149.300	53.03	0.80	53.83	-0.17	54.00	200	100	Average
2		5150.000	50.75	0.80	51.54	-2.46	54.00	200	100	Average
3		5219.650	99.90	0.82	100.73	N/A	N/A	200	100	Average

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

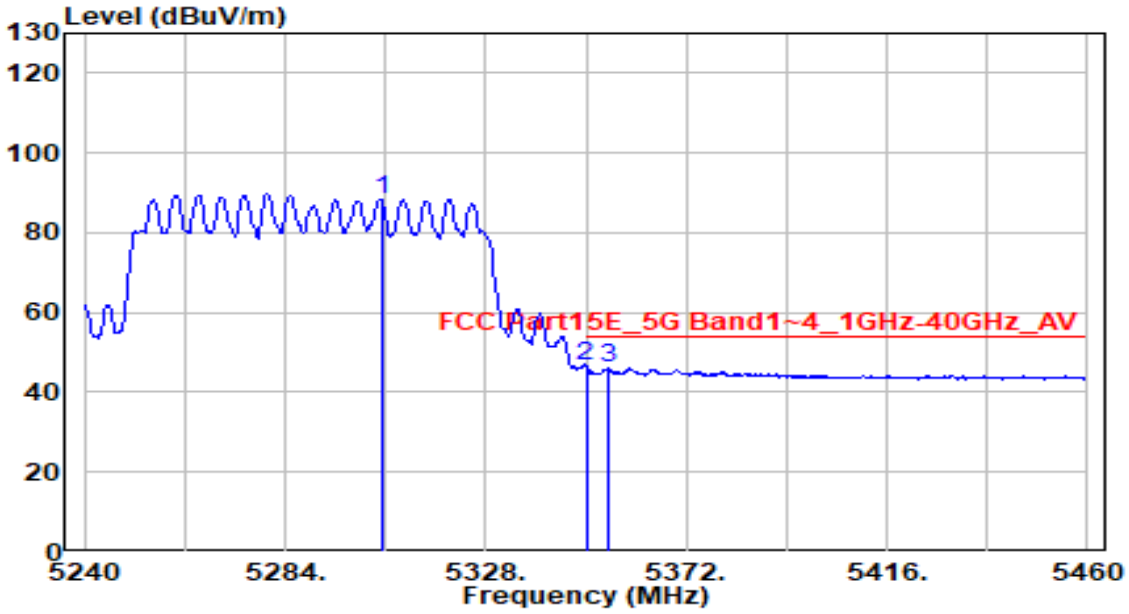


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5320.080	99.44	0.65	100.09	N/A	N/A	295	110	Peak
2	*	5350.000	57.68	0.59	58.27	-15.73	74.00	295	110	Peak
3		5354.180	57.61	0.59	58.20	-15.80	74.00	295	110	Peak

Note:

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

EUT	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

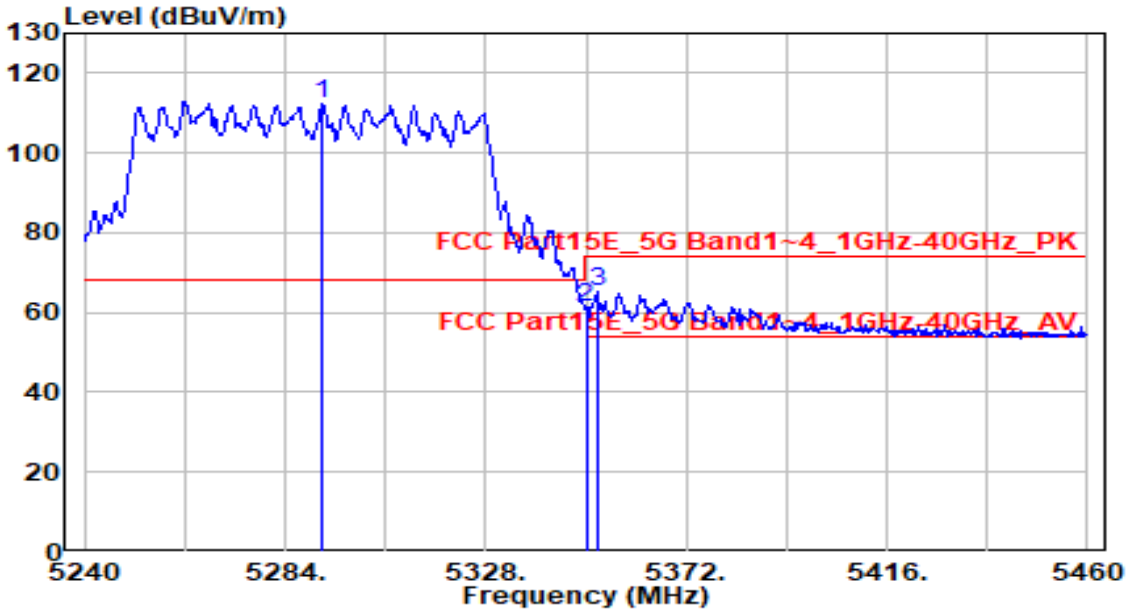


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5305.120	87.85	0.67	88.52	N/A	N/A	295	110	Average
2	*	5350.000	46.05	0.59	46.64	-7.36	54.00	295	110	Average
3		5354.840	45.39	0.59	45.98	-8.02	54.00	295	110	Average

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

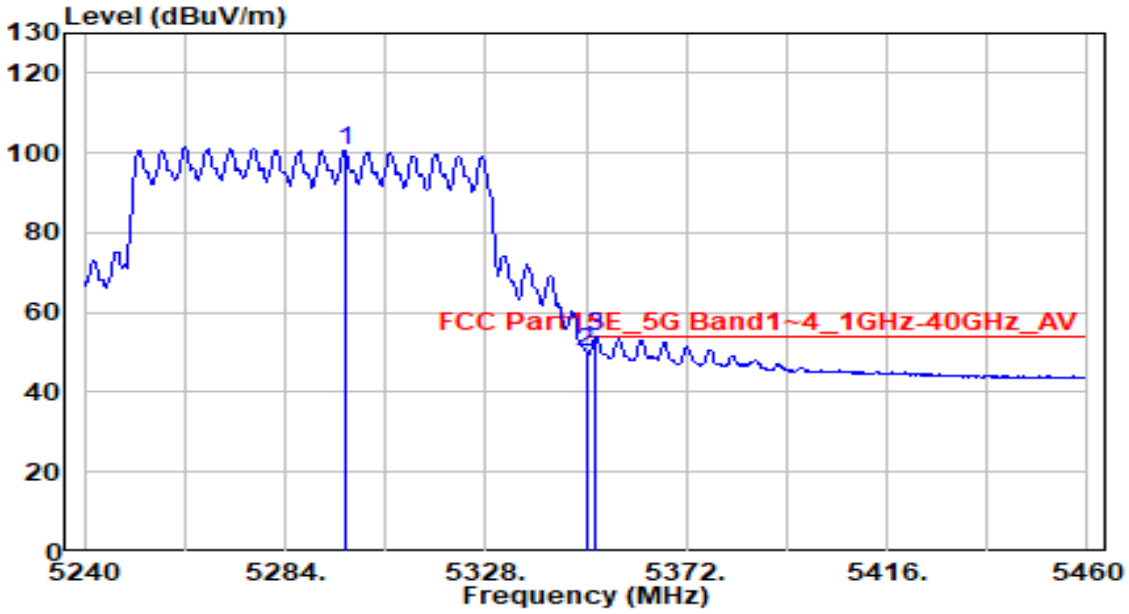


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5291.920	111.50	0.70	112.19	N/A	N/A	205	95	Peak
2		5350.000	60.96	0.59	61.55	-12.45	74.00	205	95	Peak
3	*	5352.420	64.56	0.59	65.15	-8.85	74.00	205	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band2_CH 58_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

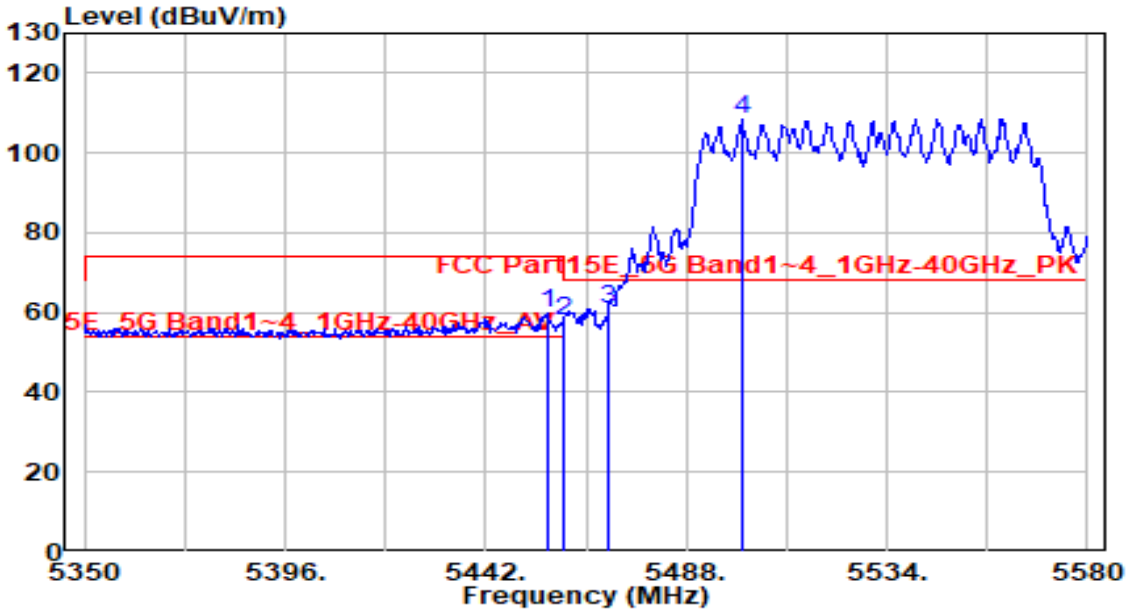


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5297.200	99.94	0.69	100.62	N/A	N/A	205	95	Average
2		5350.000	49.26	0.59	49.86	-4.14	54.00	205	95	Average
3	*	5352.200	53.27	0.59	53.86	-0.14	54.00	205	95	Average

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

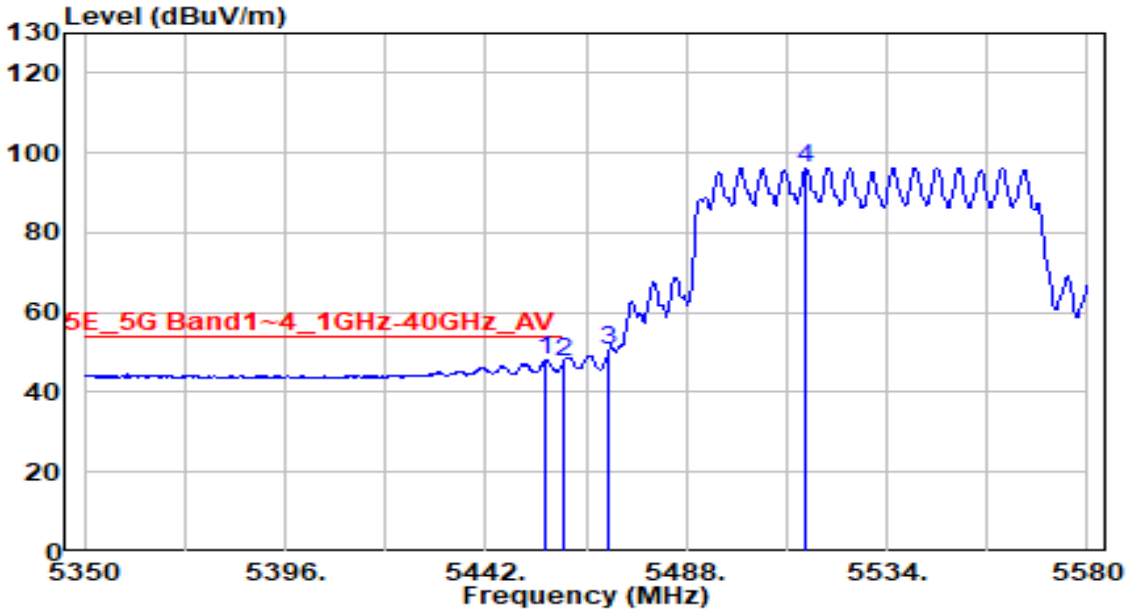


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5456.030	59.31	0.74	60.06	-13.94	74.00	100	150	Peak
2		5460.000	57.24	0.76	58.00	-16.00	74.00	100	150	Peak
3	*	5470.000	59.98	0.80	60.78	-7.42	68.20	100	150	Peak
4		5500.650	107.27	0.93	108.20	N/A	N/A	100	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

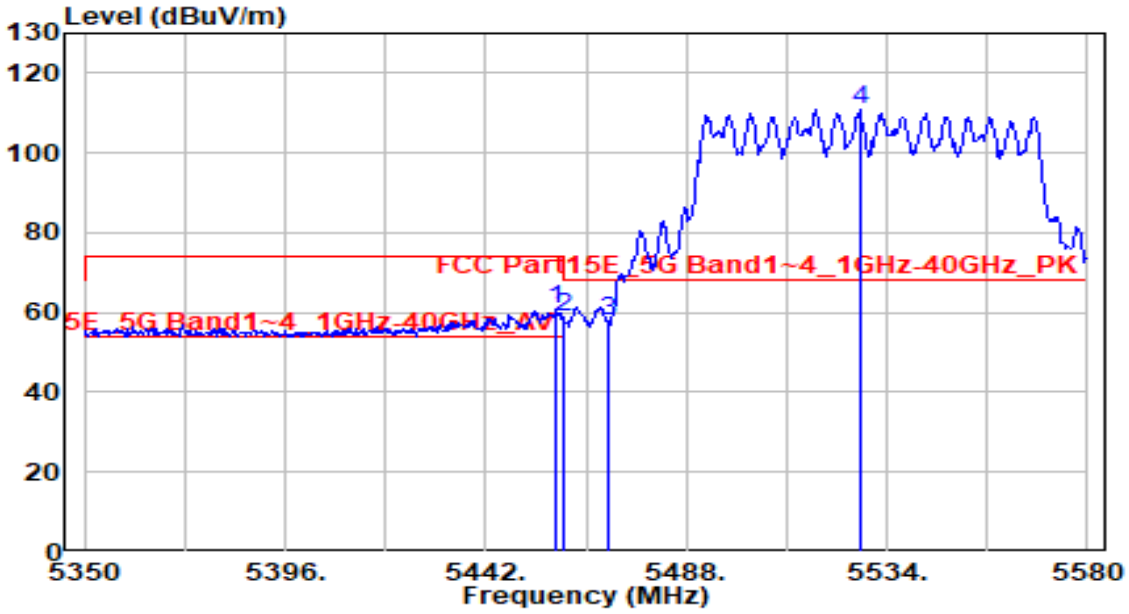


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5455.800	47.15	0.74	47.90	-6.10	54.00	100	150	Average
2		5460.000	46.72	0.76	47.48	-6.52	54.00	100	150	Average
3		5470.000	49.61	0.80	50.41	N/A	N/A	100	150	Average
4		5515.600	95.17	1.00	96.17	N/A	N/A	100	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

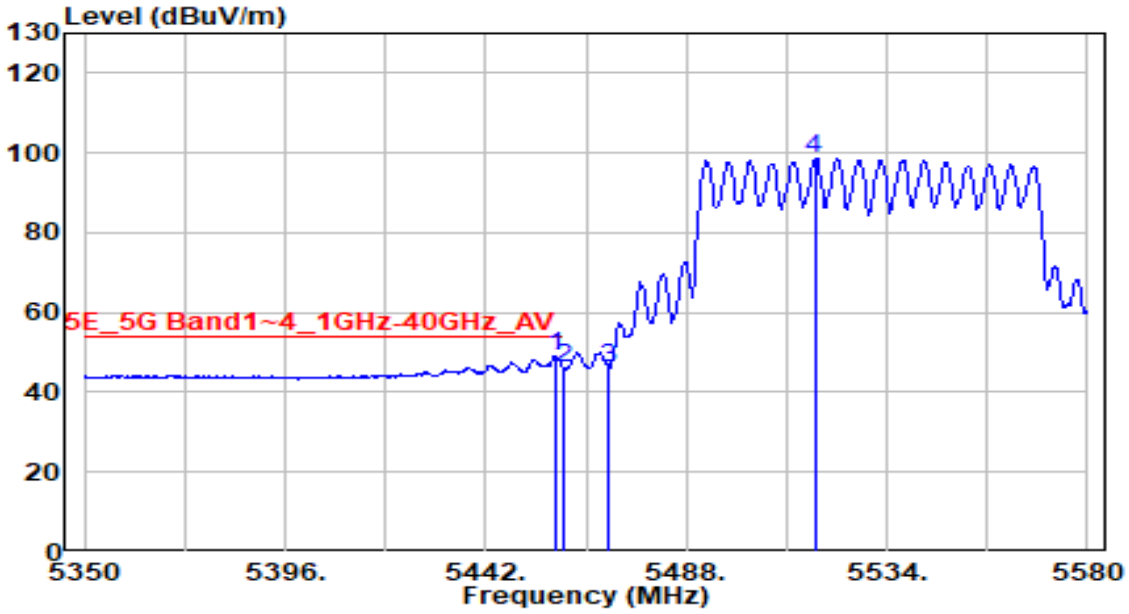


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5458.100	60.12	0.75	60.87	-13.13	74.00	100	130	Peak
2		5460.000	58.33	0.76	59.09	-14.91	74.00	100	130	Peak
3	*	5470.000	56.94	0.80	57.75	-10.45	68.20	100	130	Peak
4		5527.790	109.98	1.06	111.03	N/A	N/A	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band3_CH 106_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

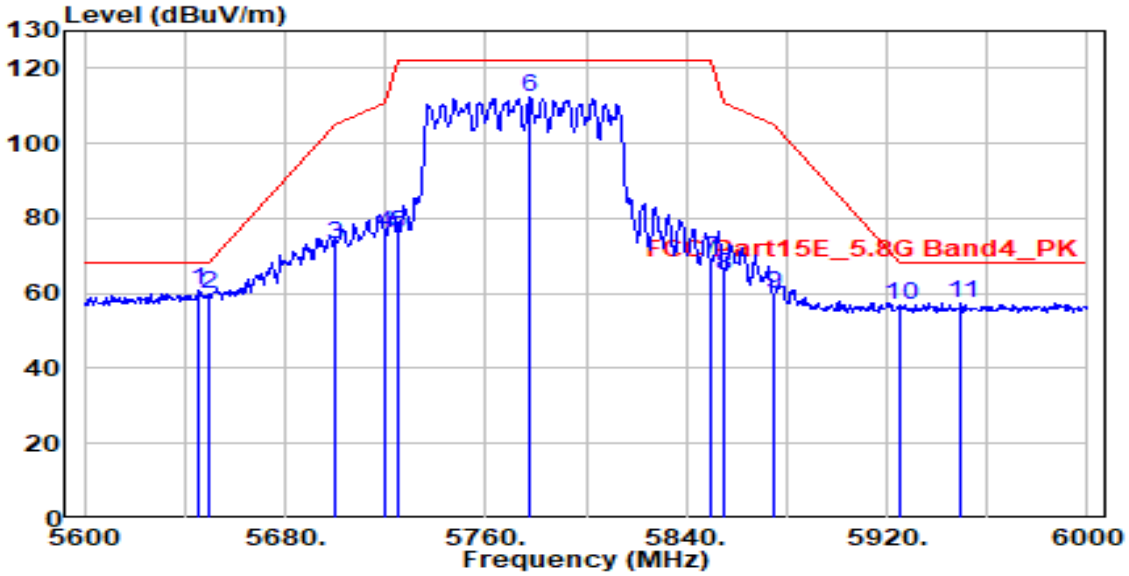


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5457.870	48.31	0.75	49.06	-4.94	54.00	100	130	Average
2		5460.000	45.20	0.76	45.96	-8.04	54.00	100	130	Average
3		5470.000	45.50	0.80	46.31	N/A	N/A	100	130	Average
4		5517.440	97.56	1.01	98.57	N/A	N/A	100	130	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB)+ Cable Loss (dB) – Preamplifier(dB) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

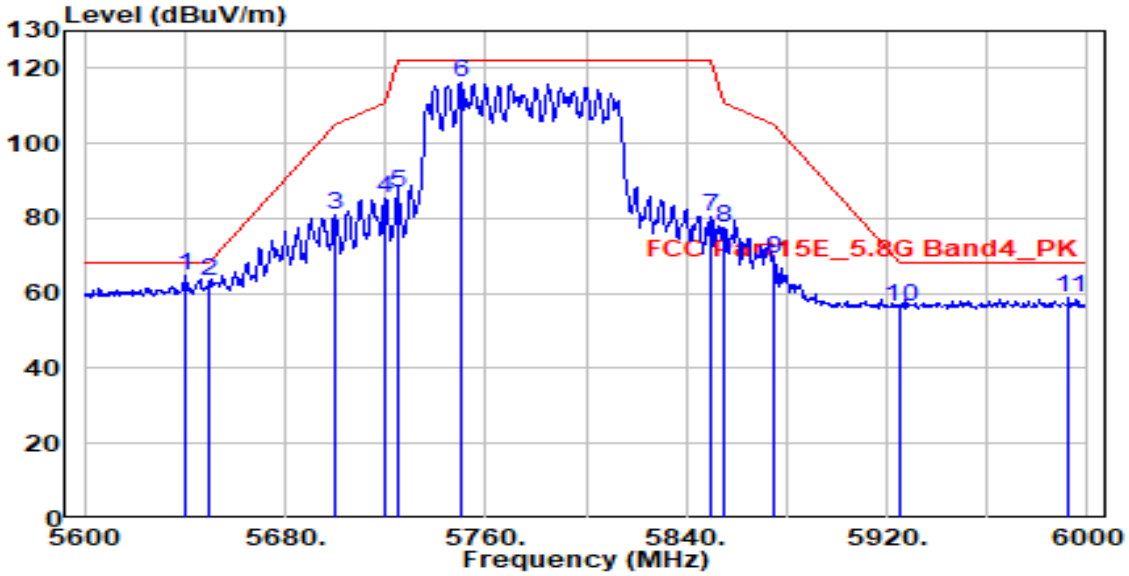


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5645.600	59.09	1.57	60.66	-7.54	68.20	220	160	Peak
2		5650.000	58.03	1.59	59.61	-8.59	68.20	220	160	Peak
3		5700.000	71.19	1.79	72.98	-32.22	105.20	220	160	Peak
4		5720.000	74.10	1.87	75.97	-34.83	110.80	220	160	Peak
5		5725.000	74.04	1.89	75.93	-46.27	122.20	220	160	Peak
6		5777.600	110.13	2.10	112.23	N/A	N/A	220	160	Peak
7		5850.000	66.87	2.27	69.14	-53.06	122.20	220	160	Peak
8		5855.000	62.39	2.28	64.67	-46.13	110.80	220	160	Peak
9		5875.000	57.37	2.31	59.67	-45.53	105.20	220	160	Peak
10		5925.000	54.40	2.38	56.78	-11.42	68.20	220	160	Peak
11		5949.600	54.99	2.42	57.41	-10.79	68.20	220	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-80MHz_TX_Band4_CH 155_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

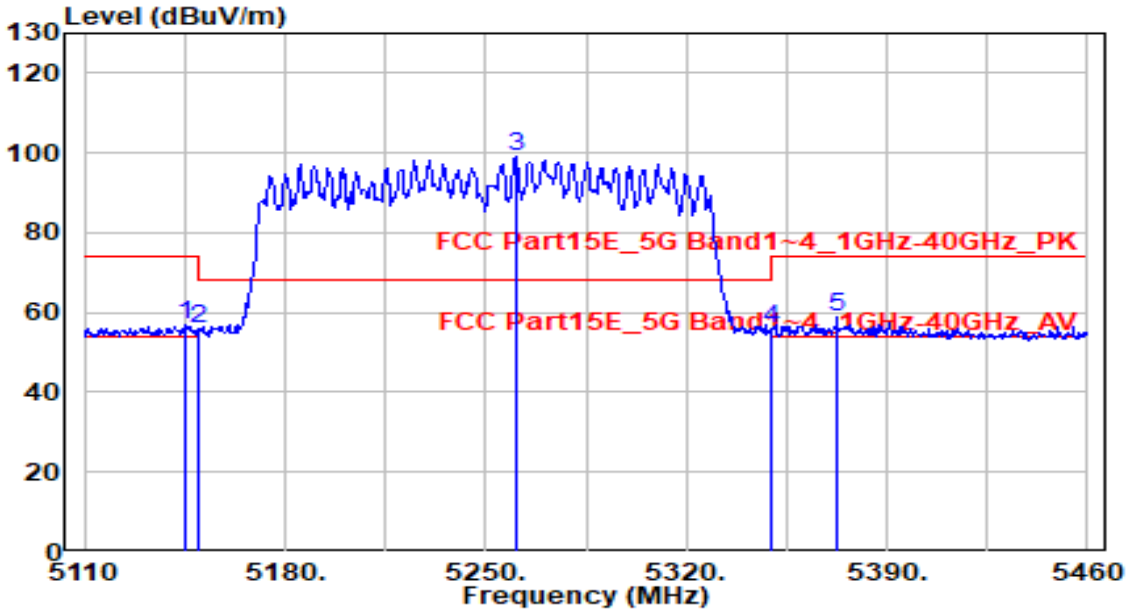


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5640.400	63.03	1.55	64.57	-3.63	68.20	200	135	Peak
2		5650.000	61.51	1.59	63.10	-5.10	68.20	200	135	Peak
3		5700.000	79.09	1.79	80.88	-24.32	105.20	200	135	Peak
4		5720.000	83.71	1.87	85.58	-25.22	110.80	200	135	Peak
5		5725.000	85.05	1.89	86.94	-35.26	122.20	200	135	Peak
6		5750.000	114.08	1.99	116.07	N/A	N/A	200	135	Peak
7		5850.000	78.31	2.27	80.58	-41.62	122.20	200	135	Peak
8		5855.000	75.31	2.28	77.59	-33.21	110.80	200	135	Peak
9		5875.000	66.76	2.31	69.06	-36.14	105.20	200	135	Peak
10		5925.000	54.11	2.38	56.49	-11.71	68.20	200	135	Peak
11		5992.800	56.45	2.49	58.93	-9.27	68.20	200	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

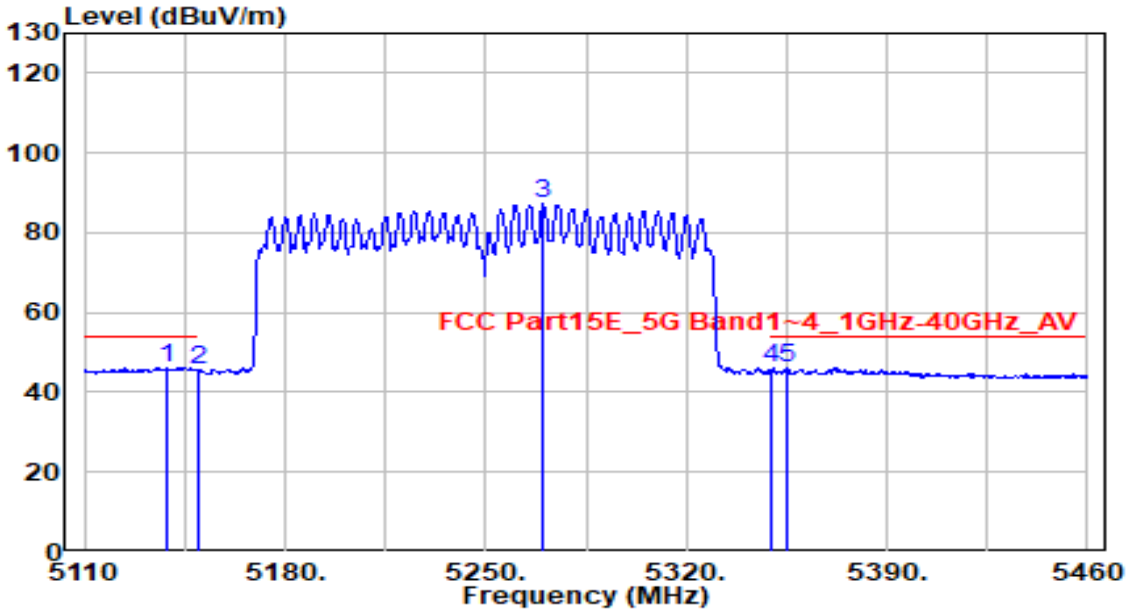


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5145.000	55.91	0.79	56.70	-17.30	74.00	305	110	Peak
2		5150.000	55.22	0.80	56.01	-17.99	74.00	305	110	Peak
3		5260.500	98.34	0.75	99.09	N/A	N/A	305	110	Peak
4		5350.000	55.26	0.59	55.86	-18.14	74.00	305	110	Peak
5	*	5372.500	58.13	0.55	58.69	-15.31	74.00	305	110	Peak

Note:

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

EUT	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

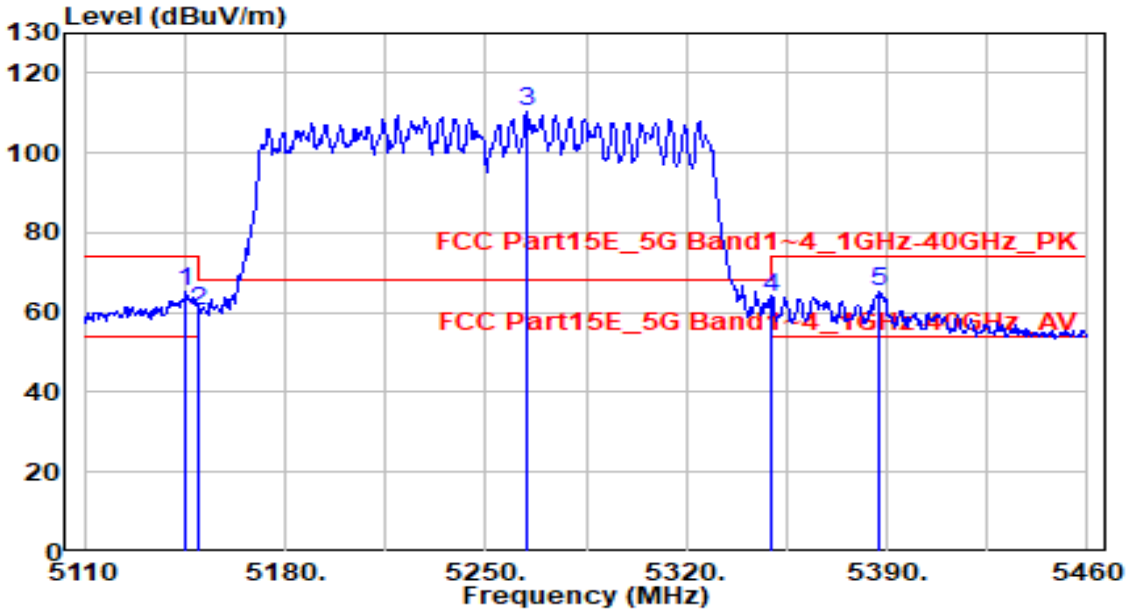


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5138.700	45.49	0.78	46.27	-7.73	54.00	305	110	Average
2		5150.000	45.00	0.80	45.79	-8.21	54.00	305	110	Average
3		5270.300	86.56	0.73	87.30	N/A	N/A	305	110	Average
4		5350.000	45.62	0.59	46.21	-7.79	54.00	305	110	Average
5		5355.000	45.42	0.59	46.00	-8.00	54.00	305	110	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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

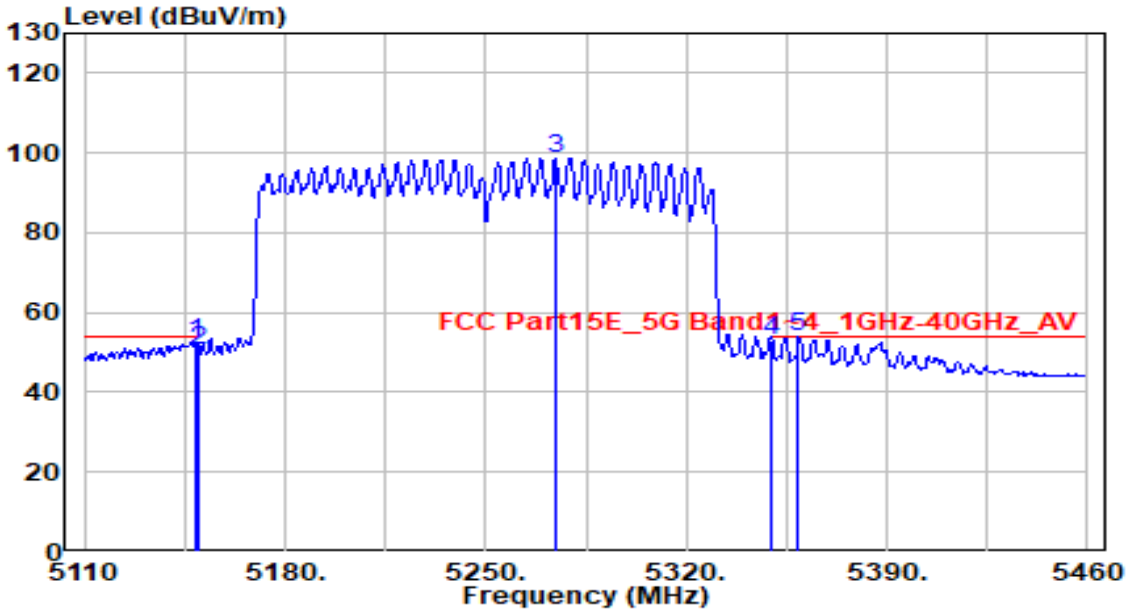


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5145.350	64.25	0.79	65.04	-8.96	74.00	205	100	Peak
2		5150.000	59.60	0.80	60.40	-13.60	74.00	205	100	Peak
3		5264.350	109.55	0.74	110.29	N/A	N/A	205	100	Peak
4		5350.000	63.38	0.59	63.97	-10.03	74.00	205	100	Peak
5		5387.550	64.48	0.53	65.01	-8.99	74.00	205	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band1,2_CH 50_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

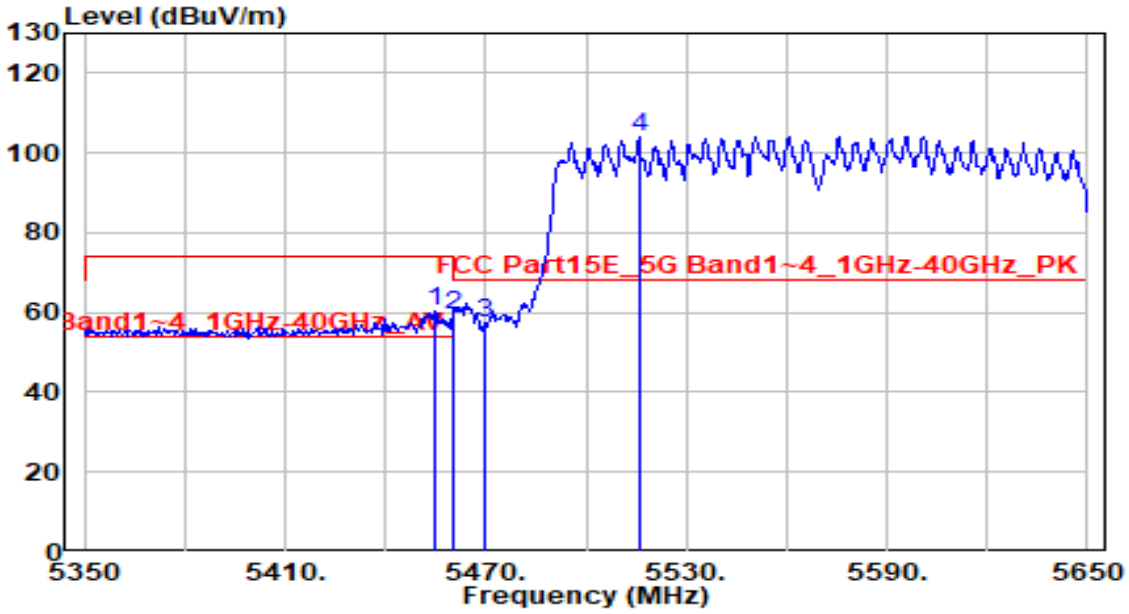


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5149.200	51.83	0.80	52.63	-1.37	54.00	205	100	Average
2		5150.000	49.89	0.80	50.69	-3.31	54.00	205	100	Average
3		5274.150	98.02	0.73	98.75	N/A	N/A	205	100	Average
4		5350.000	52.22	0.59	52.81	-1.19	54.00	205	100	Average
5	*	5359.200	53.29	0.58	53.87	-0.13	54.00	205	100	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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

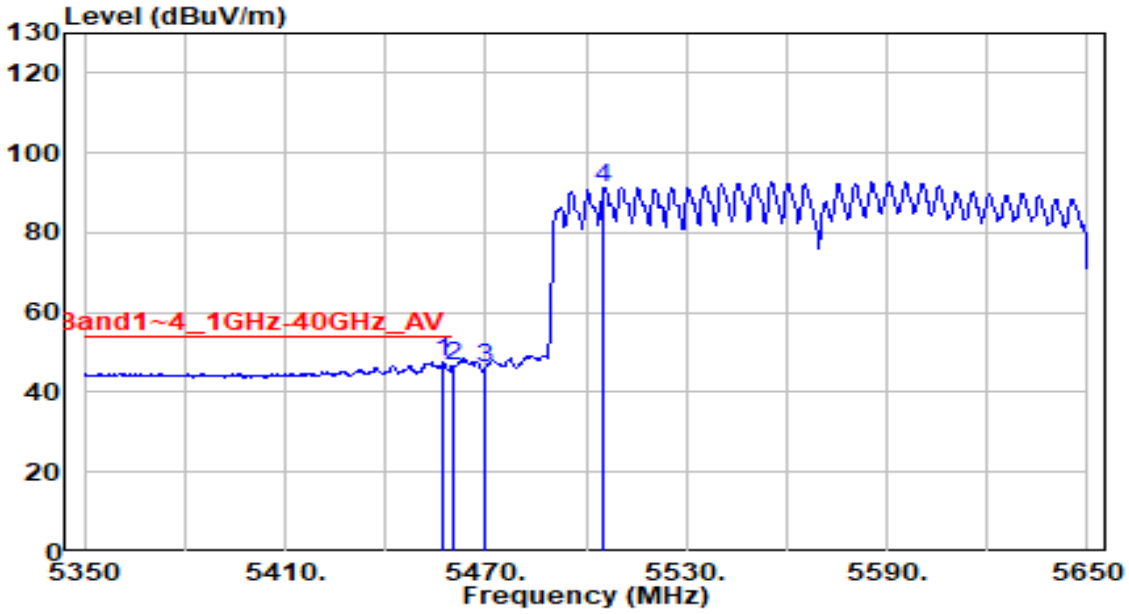


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5454.700	59.45	0.74	60.18	-13.82	74.00	100	150	Peak
2		5460.000	58.45	0.76	59.21	-14.79	74.00	100	150	Peak
3	*	5470.000	56.40	0.80	57.21	-10.99	68.20	100	150	Peak
4		5515.900	103.10	1.00	104.10	N/A	N/A	100	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

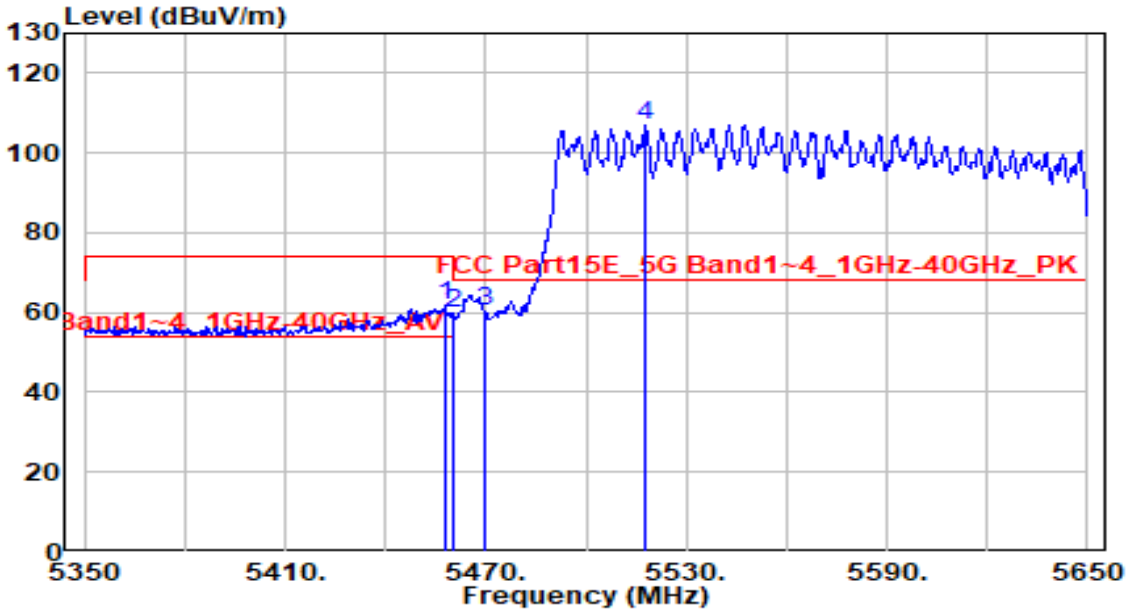


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	5457.100	46.85	0.75	47.59	-6.41	54.00	100	150	Average
2		5460.000	46.01	0.76	46.77	-7.23	54.00	100	150	Average
3		5470.000	45.38	0.80	46.19	N/A	N/A	100	150	Average
4		5505.400	90.29	0.95	91.24	N/A	N/A	100	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz

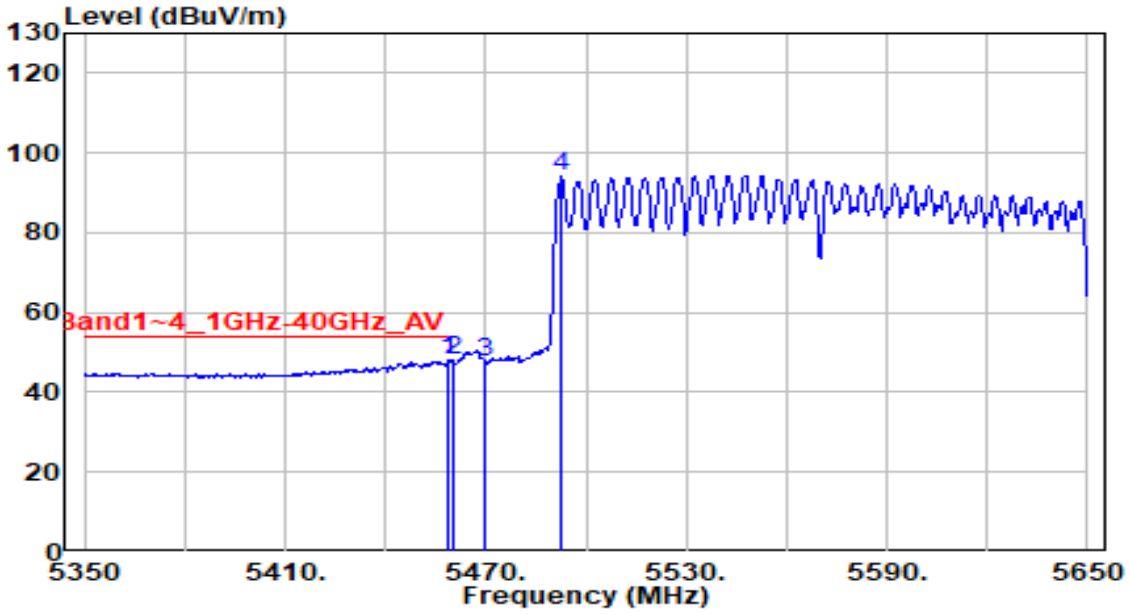


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5458.000	60.96	0.75	61.71	-12.29	74.00	100	130	Peak
2		5460.000	59.10	0.76	59.86	-14.14	74.00	100	130	Peak
3	*	5470.000	59.33	0.80	60.13	-8.07	68.20	100	130	Peak
4		5518.000	105.95	1.01	106.96	N/A	N/A	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) + 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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-14
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Ares
Test Mode	802.11ax-160MHz_TX_Band3_CH 114_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		5458.900	47.10	0.76	47.86	-6.14	54.00	100	130	Average
2	*	5460.000	47.13	0.76	47.89	-6.11	54.00	100	130	Average
3		5470.000	46.94	0.80	47.75	N/A	N/A	100	130	Average
4		5492.500	93.20	0.90	94.10	N/A	N/A	100	130	Average

Note:

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

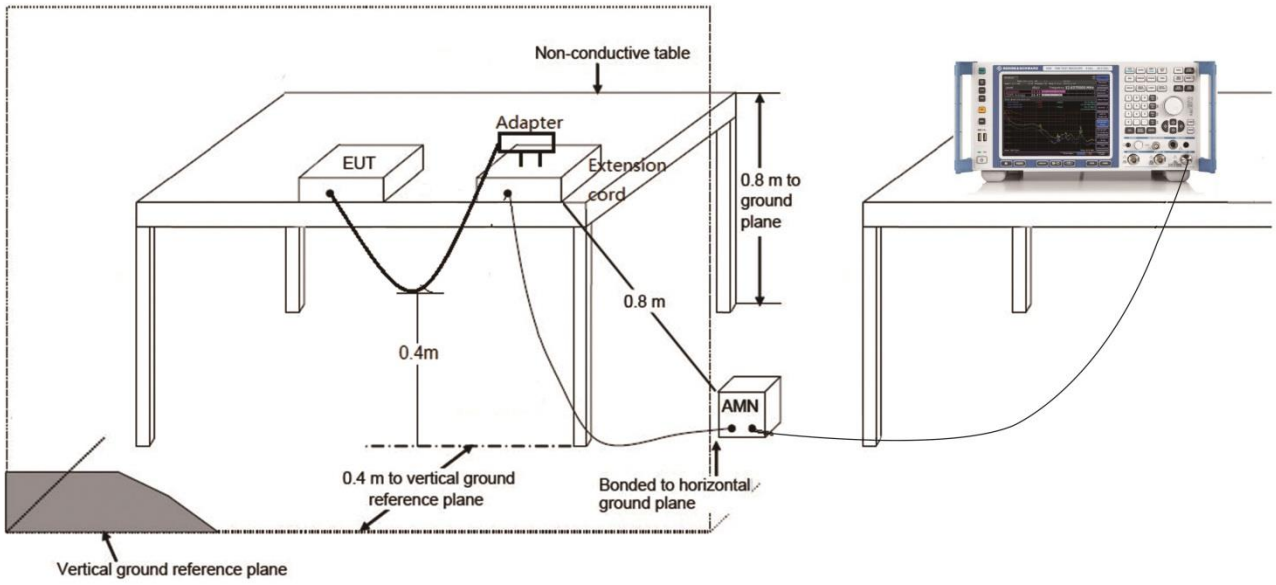
7.10.2.Test Procedure

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.

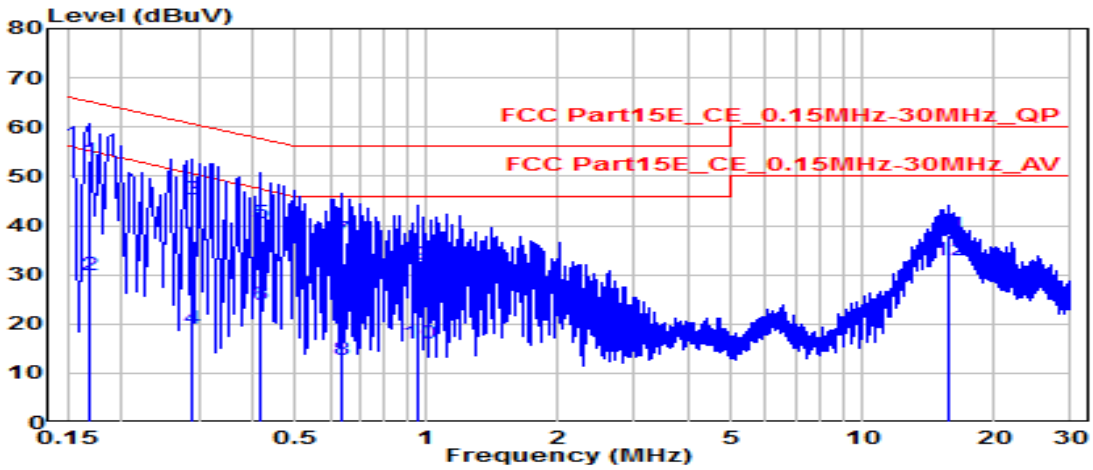
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

7.10.3.Test Setup



7.10.4.Test Result

EUT	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-27
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.0°C /54%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-VHT20MHz_TX_Band1_CH 44_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.168	43.41	9.62	53.03	-12.03	65.06	QP
2	*	0.168	20.16	9.62	29.78	-25.27	55.06	Average
3		0.289	35.77	9.63	45.40	-15.14	60.54	QP
4		0.289	9.43	9.63	19.06	-31.48	50.54	Average
5		0.415	30.90	9.64	40.53	-17.01	57.54	QP
6		0.415	14.15	9.64	23.79	-23.75	47.54	Average
7		0.640	27.44	9.65	37.09	-18.91	56.00	QP
8		0.640	3.11	9.65	12.76	-33.24	46.00	Average
9		0.955	22.38	9.67	32.05	-23.95	56.00	QP
10		0.955	6.21	9.67	15.88	-30.12	46.00	Average
11		15.781	28.15	9.90	38.05	-21.95	60.00	QP
12		15.781	23.01	9.90	32.91	-17.09	50.00	Average

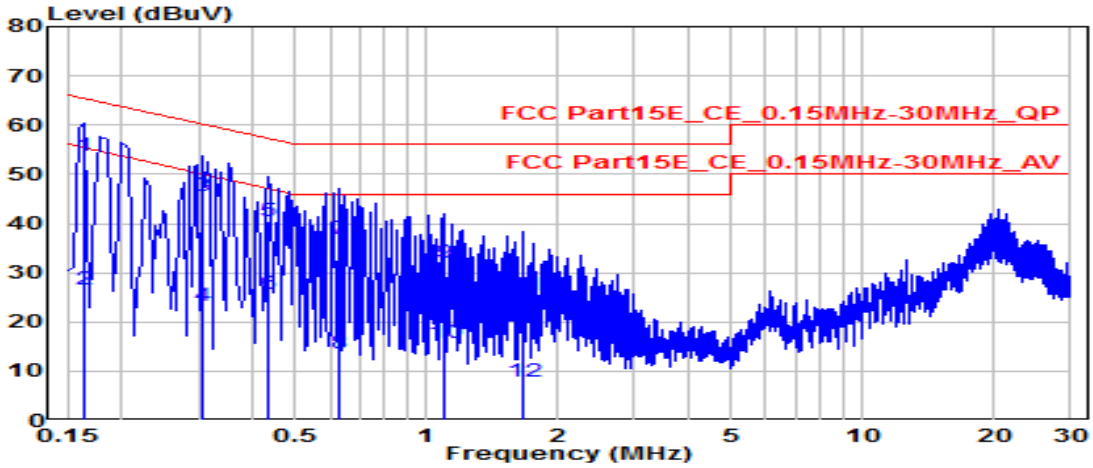
Note:

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-27
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.0°C /54%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-VHT20MHz_TX_Band1_CH 44_ ANT 0+1+2+3	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.163	44.06	9.62	53.68	-11.61	65.28	QP
2	*	0.163	16.90	9.62	26.52	-28.76	55.28	Average
3		0.307	36.03	9.63	45.66	-14.38	60.04	QP
4		0.307	13.56	9.63	23.19	-26.85	50.04	Average
5		0.433	30.97	9.64	40.60	-16.58	57.19	QP
6		0.433	16.01	9.64	25.64	-21.54	47.19	Average
7		0.631	27.30	9.65	36.95	-19.05	56.00	QP
8		0.631	3.98	9.65	13.63	-32.37	46.00	Average
9		1.104	22.22	9.67	31.89	-24.11	56.00	QP
10		1.104	5.92	9.67	15.59	-30.41	46.00	Average
11		1.675	15.75	9.68	25.44	-30.56	56.00	QP
12		1.675	-1.86	9.68	7.82	-38.18	46.00	Average

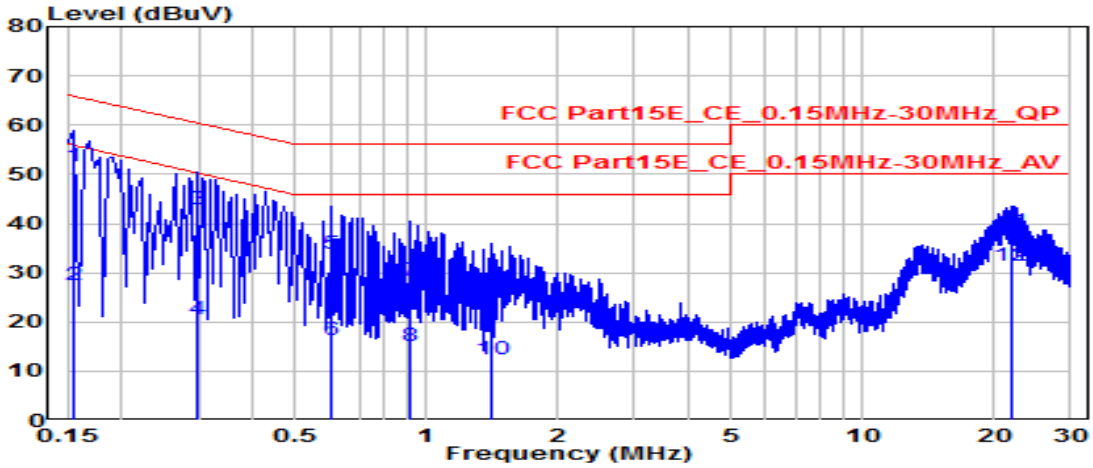
Note:

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

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

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

EUT	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-27
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	26.0°C /54%
Polarity	Line1	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-VHT20MHz_TX_Band1_CH 44_ ANT 0+1+2+3	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.154	41.98	9.62	51.60	-14.15	65.75	QP
2	*	0.154	17.70	9.62	27.32	-28.43	55.75	Average
3		0.298	33.18	9.63	42.81	-17.48	60.28	QP
4		0.298	11.01	9.63	20.63	-29.65	50.28	Average
5		0.604	24.11	9.65	33.75	-22.25	56.00	QP
6		0.604	6.72	9.65	16.37	-29.63	46.00	Average
7		0.915	18.78	9.67	28.44	-27.56	56.00	QP
8		0.915	5.47	9.67	15.14	-30.86	46.00	Average
9		1.405	16.37	9.68	26.05	-29.95	56.00	QP
10		1.405	2.83	9.68	12.51	-33.49	46.00	Average
11		21.842	28.48	9.92	38.41	-21.59	60.00	QP
12		21.842	21.61	9.92	31.53	-18.47	50.00	Average

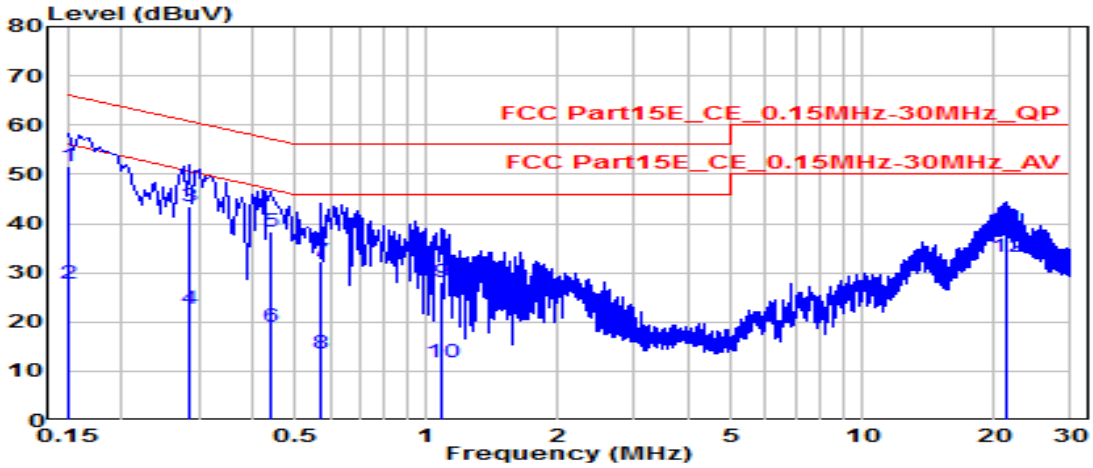
Note:

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	AXE16000 Quad-Band Wi-Fi 6E Router	Date of Test	2022-07-27
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	26.0°C /54%
Polarity	Neutral	Site / Test Engineer	SR2 / Amber
Test Mode	802.11ac-VHT20MHz_TX_Band1_CH 44_ ANT 0+1+2+3	Test Voltage	AC 240V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	*	0.150	42.10	9.62	51.72	-14.28	66.00	QP
2	*	0.150	18.19	9.62	27.81	-28.19	56.00	Average
3		0.285	33.69	9.63	43.32	-17.35	60.67	QP
4		0.285	13.14	9.63	22.77	-27.90	50.67	Average
5		0.438	28.59	9.64	38.22	-18.88	57.10	QP
6		0.438	9.28	9.64	18.91	-28.19	47.10	Average
7		0.573	22.72	9.65	32.37	-23.63	56.00	QP
8		0.573	3.80	9.65	13.45	-32.55	46.00	Average
9		1.086	18.42	9.67	28.09	-27.91	56.00	QP
10		1.086	2.20	9.67	11.87	-34.13	46.00	Average
11		21.361	29.04	10.00	39.05	-20.95	60.00	QP
12		21.361	23.18	10.00	33.18	-16.82	50.00	Average

Note:

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

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

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

8. CONCLUSION

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

The End

Appendix A : Test Setup Photograph

Refer to “2206TW0120-Setup Photo” file.

Appendix B : External Photograph

Refer to “2206TW0120-External Photo” file.

Appendix C : Internal Photograph

Refer to “2206TW0120-Internal Photo” file.