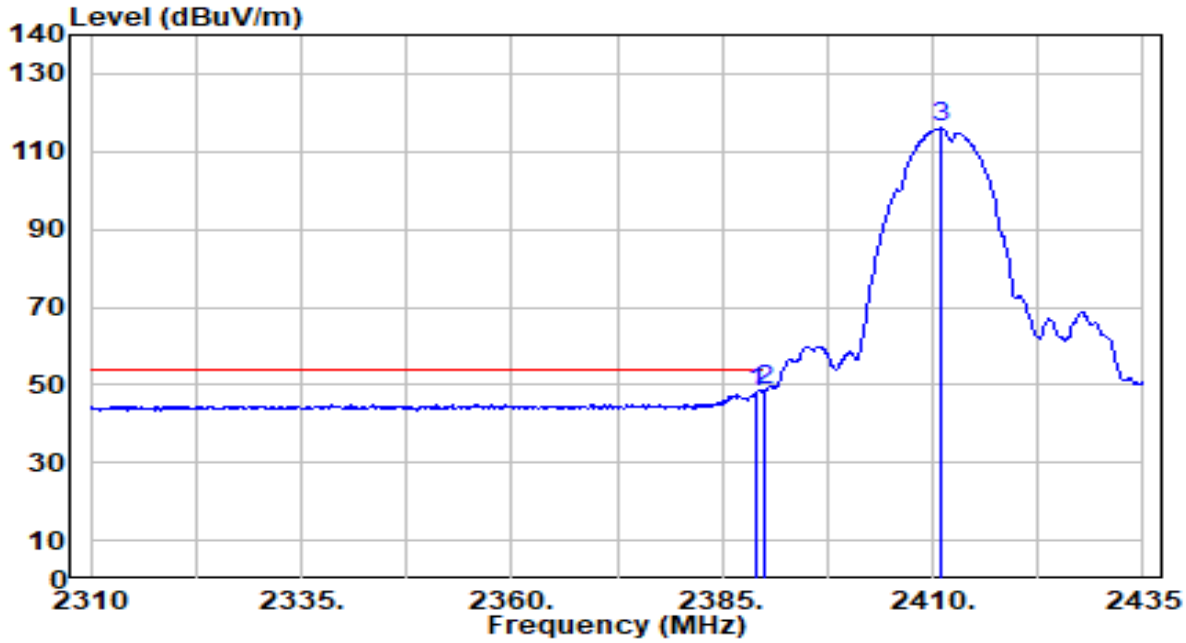
EUT	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

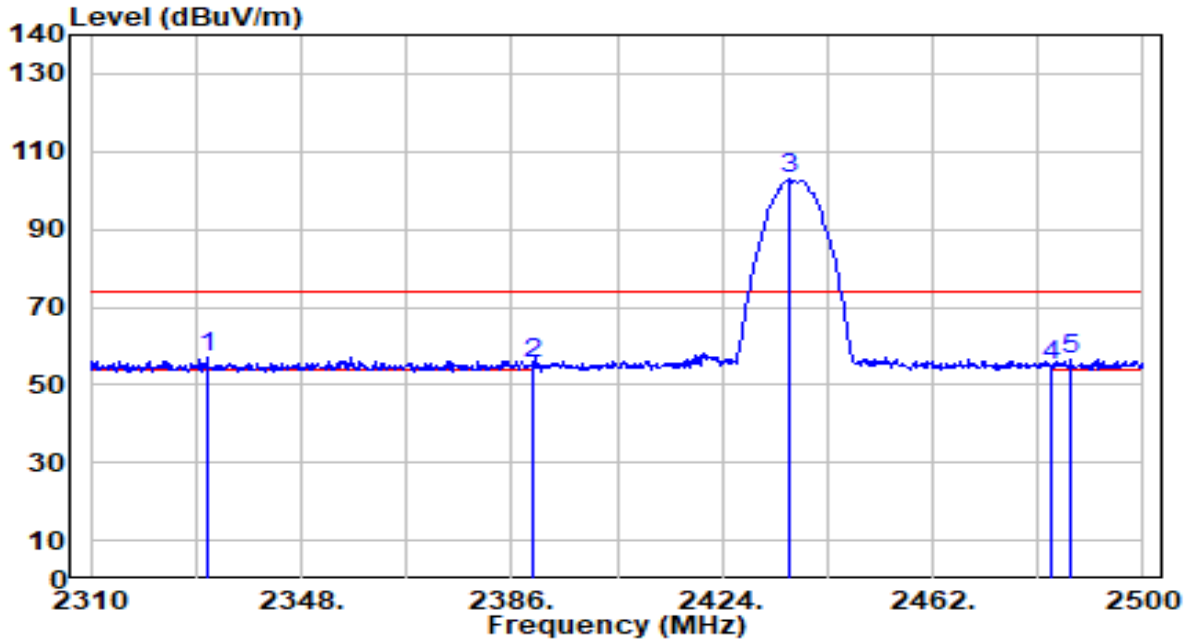


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.000	18.07	30.18	48.25	-5.75	54.00	196	7	Average
2	*	2390.000	18.39	30.18	48.57	-5.43	54.00	196	7	Average
3		2411.125	85.91	30.22	116.13	N/A	N/A	196	7	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

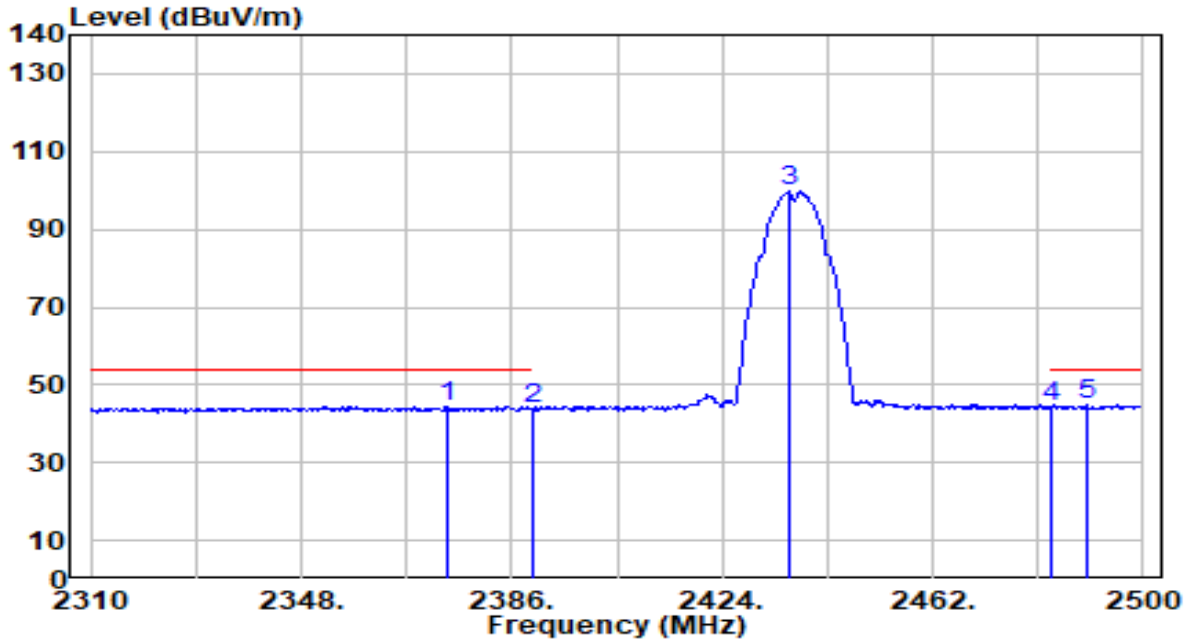


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2330.900	26.96	30.01	56.97	-17.03	74.00	200	44	Peak
2		2390.000	25.39	30.18	55.57	-18.43	74.00	200	44	Peak
3		2435.970	72.50	30.26	102.76	N/A	N/A	200	44	Peak
4		2483.500	24.48	30.32	54.79	-19.21	74.00	200	44	Peak
5		2486.890	26.21	30.32	56.54	-17.46	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

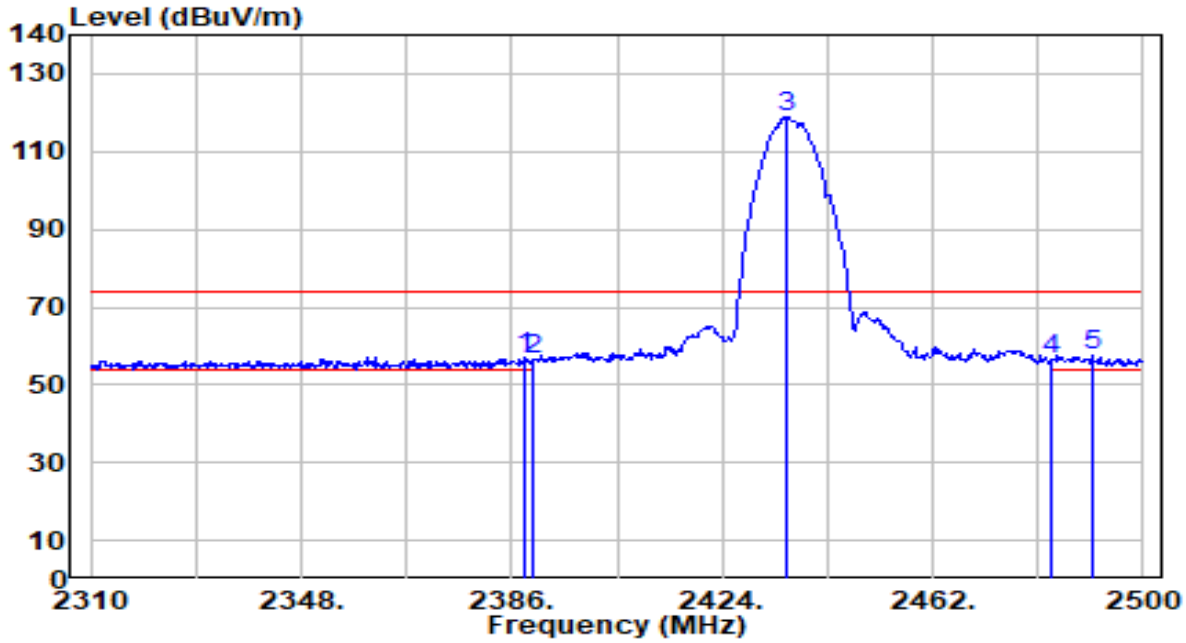


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2374.220	14.22	30.14	44.35	-9.65	54.00	200	44	Average
2		2390.000	13.75	30.18	43.93	-10.07	54.00	200	44	Average
3		2435.970	69.35	30.26	99.61	N/A	N/A	200	44	Average
4		2483.500	13.82	30.32	44.14	-9.86	54.00	200	44	Average
5	*	2489.930	14.58	30.33	44.91	-9.09	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

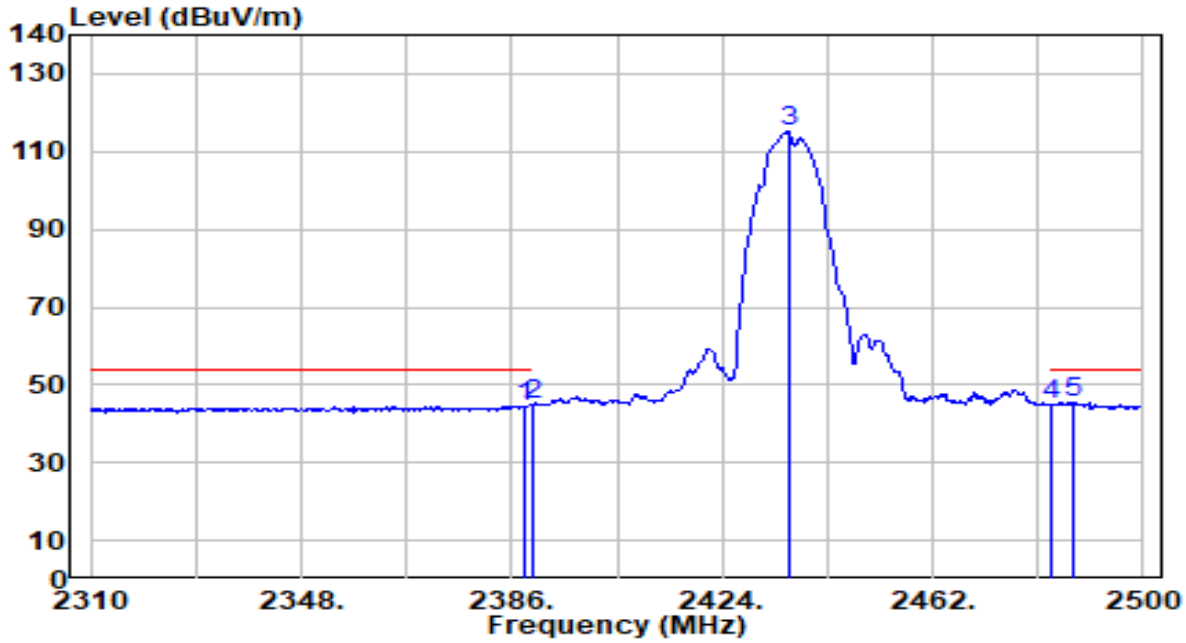


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.470	27.08	30.18	57.26	-16.74	74.00	190	9	Peak
2		2390.000	26.18	30.18	56.36	-17.64	74.00	190	9	Peak
3		2435.780	88.66	30.26	118.91	N/A	N/A	190	9	Peak
4		2483.500	26.40	30.32	56.72	-17.28	74.00	190	9	Peak
5	*	2490.880	27.44	30.33	57.77	-16.23	74.00	190	9	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

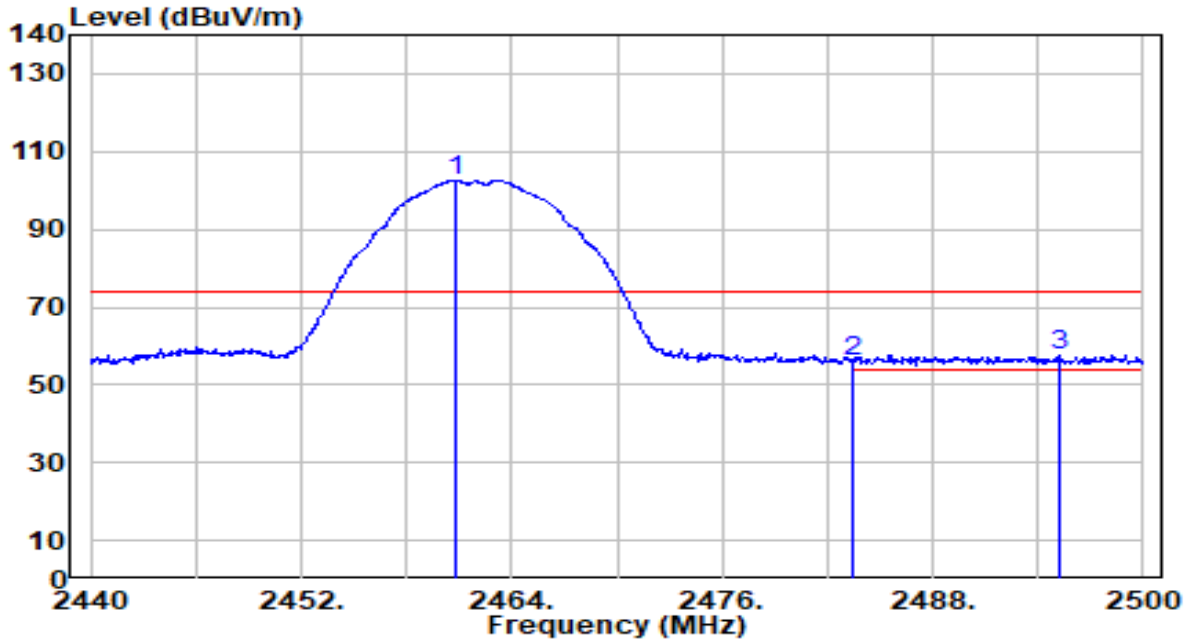


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.280	14.42	30.17	44.59	-9.41	54.00	190	9	Average
2		2390.000	14.91	30.18	45.09	-8.91	54.00	190	9	Average
3		2435.970	84.73	30.26	114.99	N/A	N/A	190	9	Average
4		2483.500	14.63	30.32	44.95	-9.05	54.00	190	9	Average
5	*	2487.270	15.34	30.32	45.66	-8.34	54.00	190	9	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

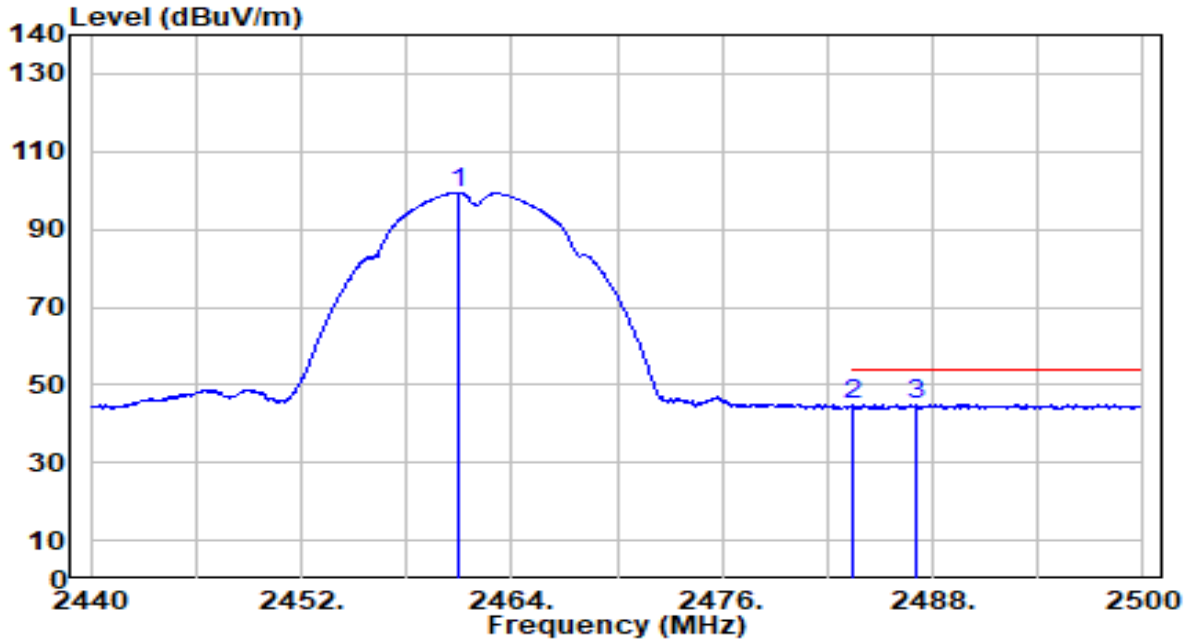


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.760	72.32	30.29	102.60	N/A	N/A	130	228	Peak
2		2483.500	25.92	30.32	56.24	-17.76	74.00	130	228	Peak
3	*	2495.200	27.38	30.33	57.72	-16.28	74.00	130	228	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

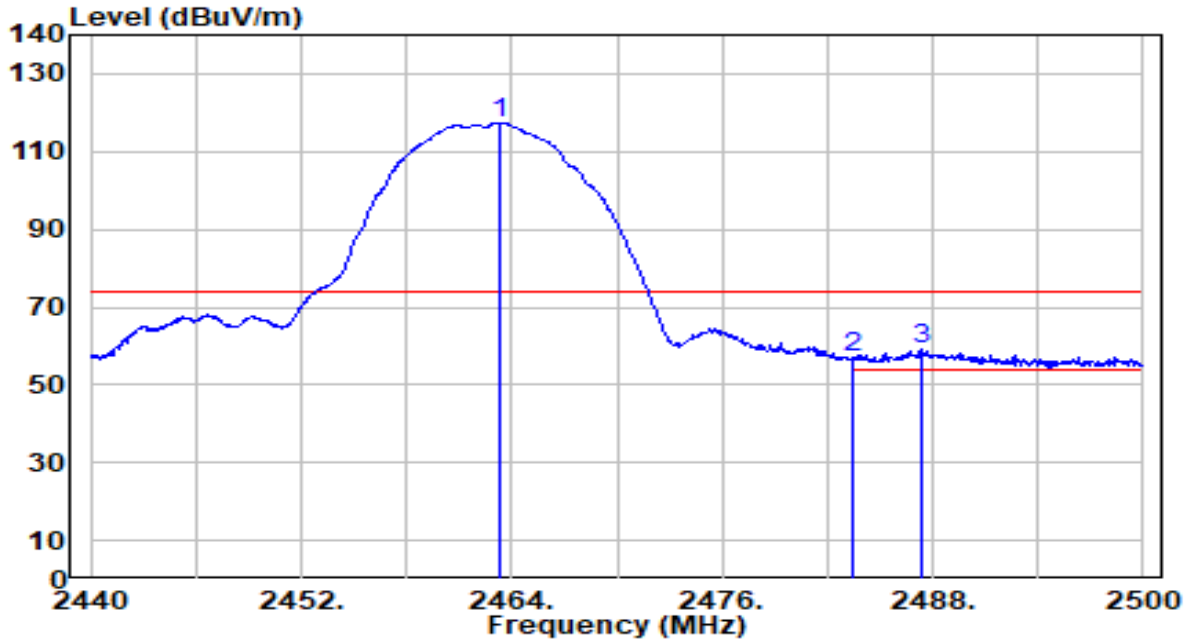


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.940	69.14	30.29	99.43	N/A	N/A	130	228	Average
2		2483.500	14.54	30.32	44.86	-9.14	54.00	130	228	Average
3	*	2487.100	14.72	30.32	45.04	-8.96	54.00	130	228	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

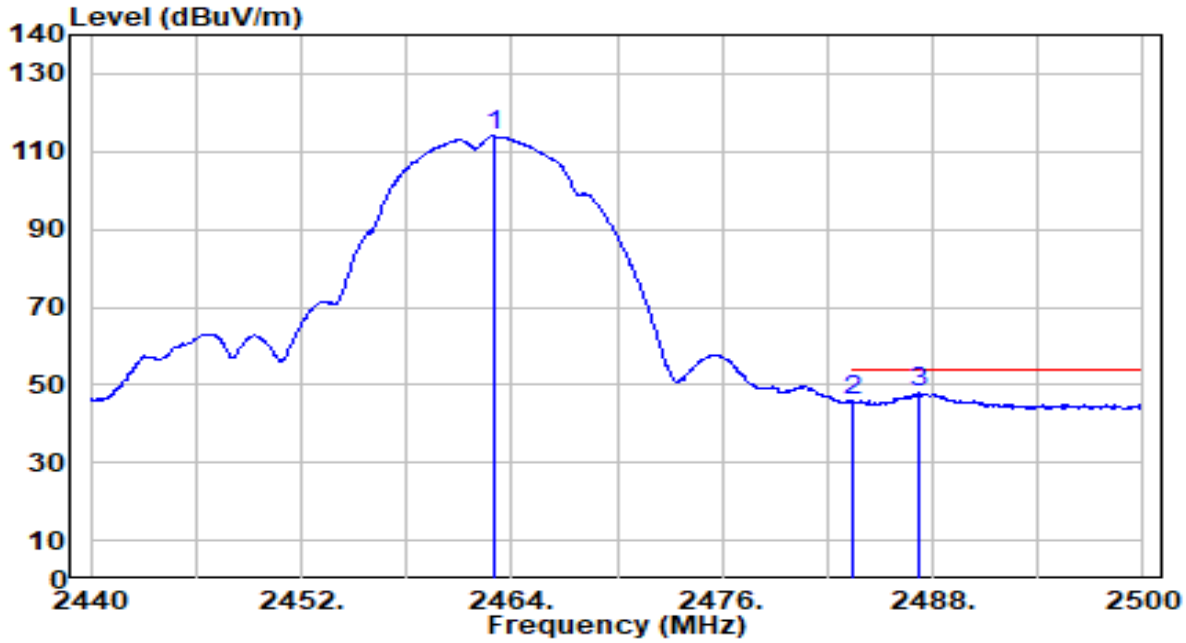


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2463.280	87.17	30.29	117.47	N/A	N/A	200	356	Peak
2		2483.500	26.52	30.32	56.84	-17.16	74.00	200	356	Peak
3	*	2487.400	28.87	30.32	59.19	-14.81	74.00	200	356	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11b_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

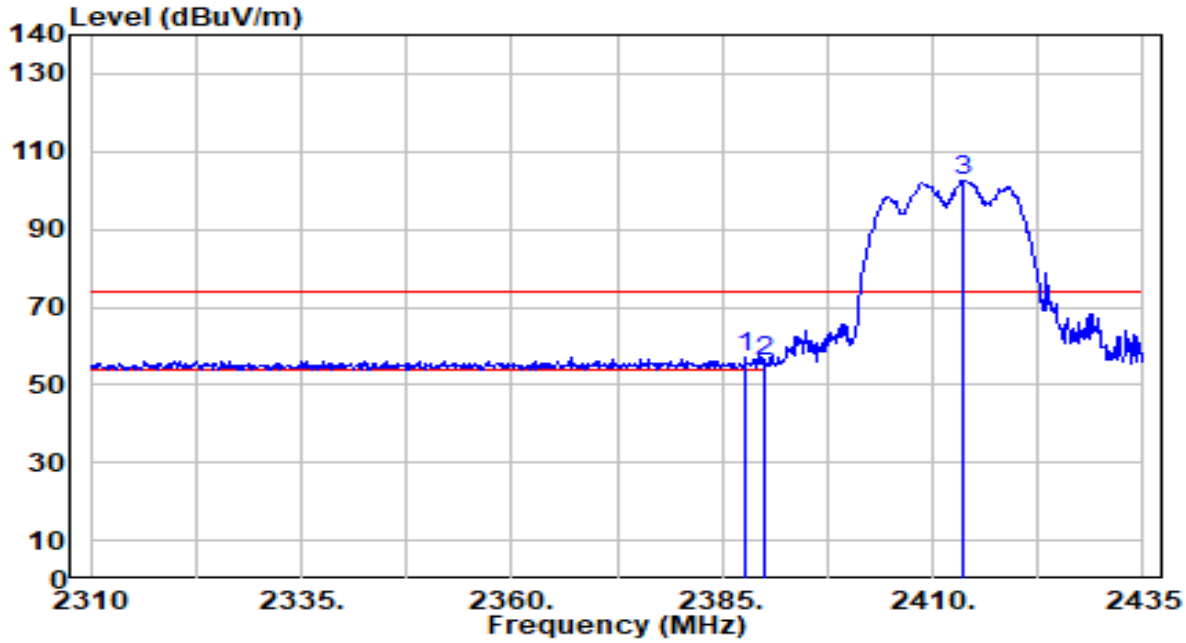


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.980	83.96	30.29	114.25	N/A	N/A	200	356	Average
2		2483.500	15.47	30.32	45.79	-8.21	54.00	200	356	Average
3	*	2487.220	17.62	30.32	47.95	-6.05	54.00	200	356	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

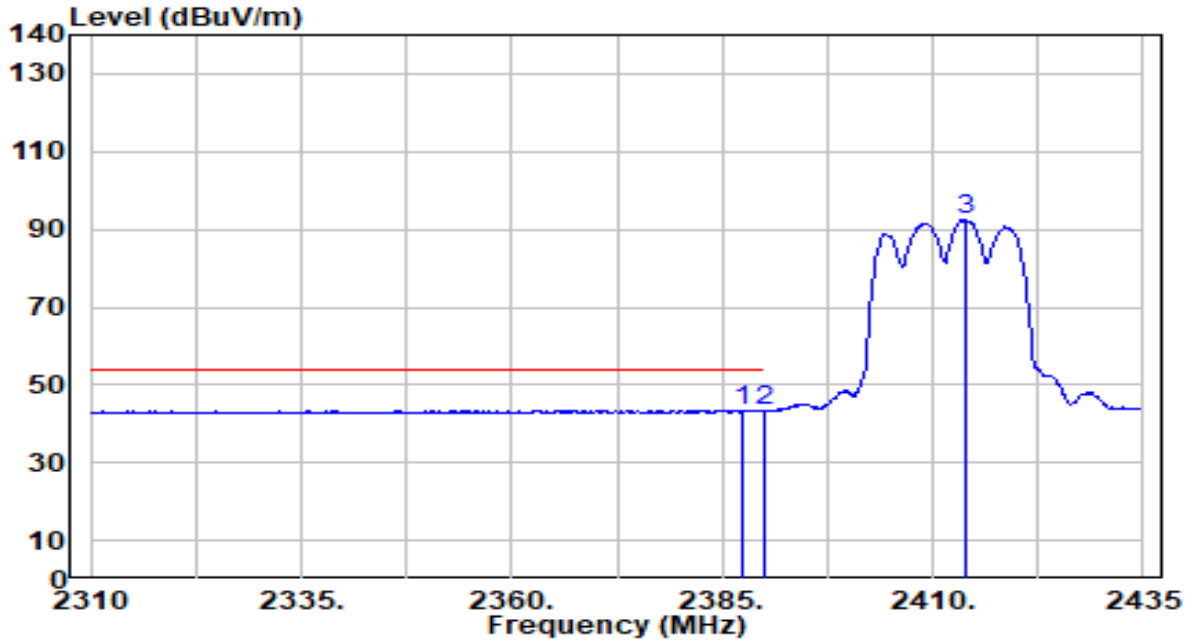


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.750	27.00	30.17	57.17	-16.83	74.00	286	91	Peak
2		2390.000	25.64	30.18	55.82	-18.18	74.00	286	91	Peak
3		2413.625	72.41	30.23	102.64	N/A	N/A	286	91	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

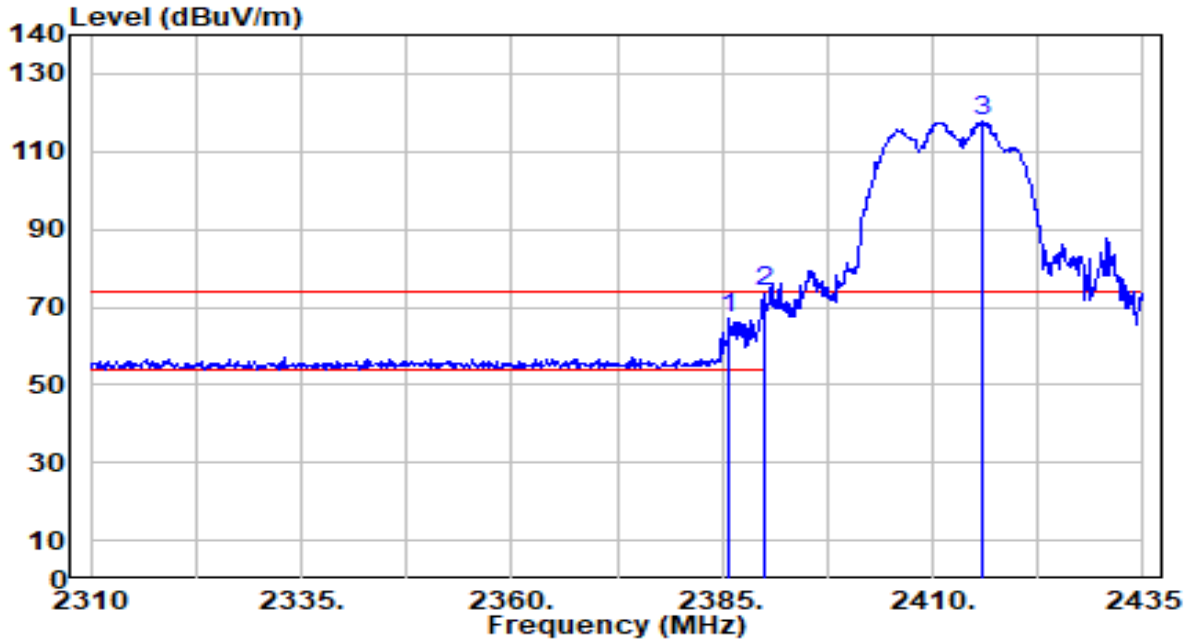


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.500	13.27	30.17	43.44	-10.56	54.00	286	91	Average
2	*	2390.000	13.26	30.18	43.44	-10.56	54.00	286	91	Average
3		2413.875	62.14	30.23	92.37	N/A	N/A	286	91	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

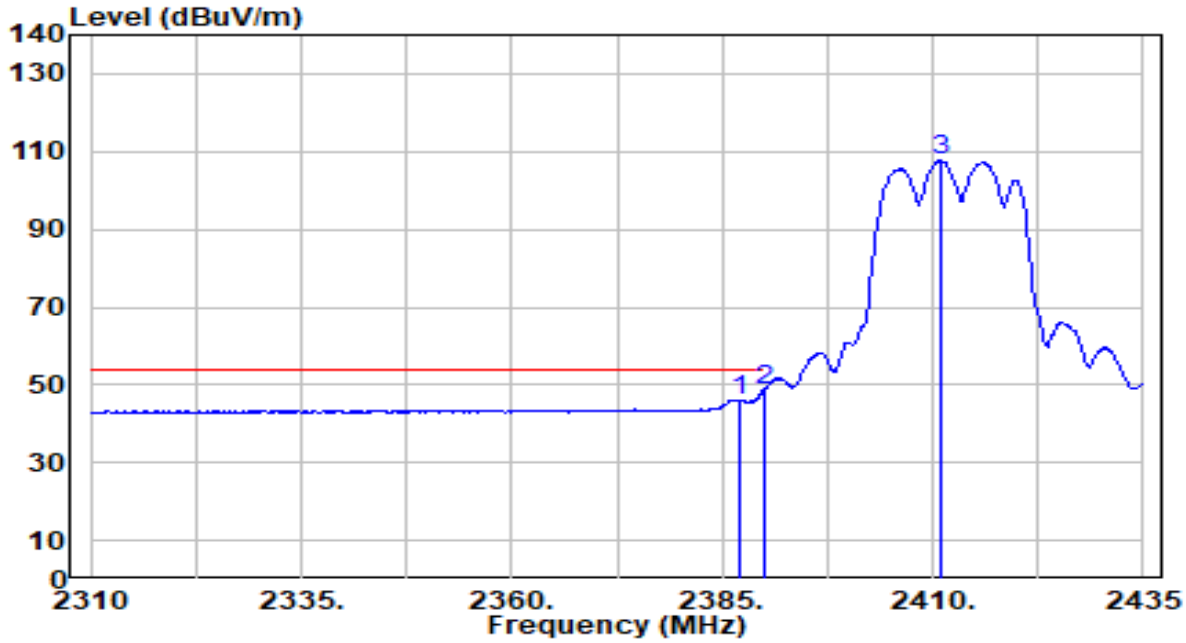


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2385.750	36.89	30.17	67.06	-6.94	74.00	196	0	Peak
2	*	2390.000	43.54	30.18	73.72	-0.28	74.00	196	0	Peak
3		2415.750	87.63	30.23	117.86	N/A	N/A	196	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

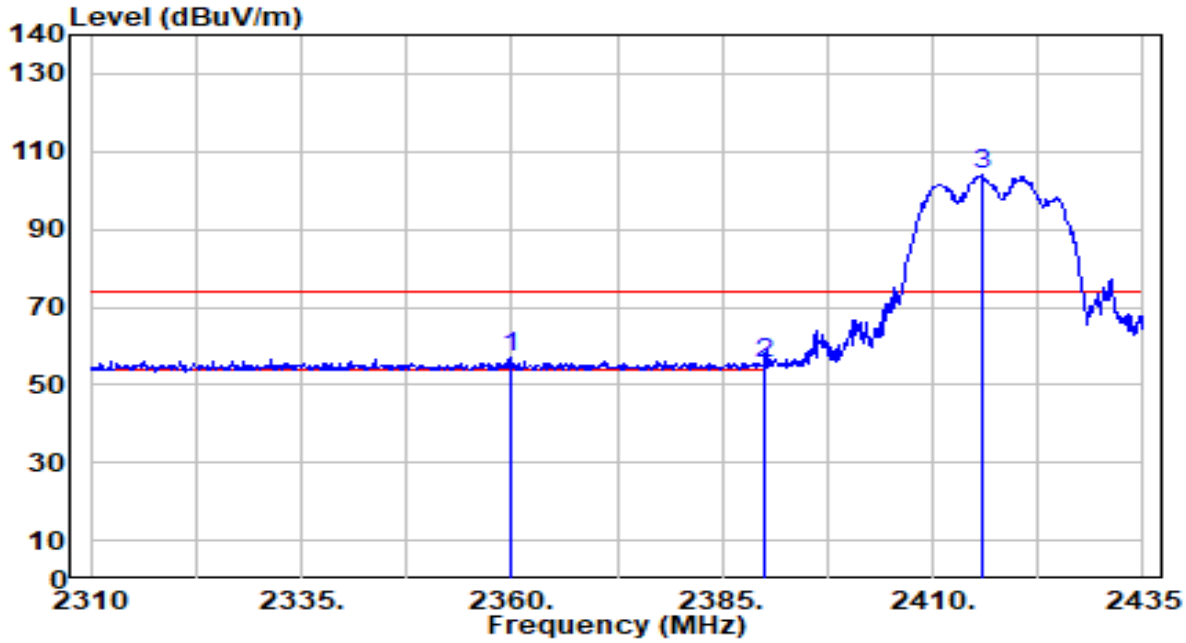


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.125	15.96	30.17	46.13	-7.87	54.00	196	0	Average
2	*	2390.000	18.60	30.18	48.78	-5.22	54.00	196	0	Average
3		2410.875	77.51	30.22	107.73	N/A	N/A	196	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

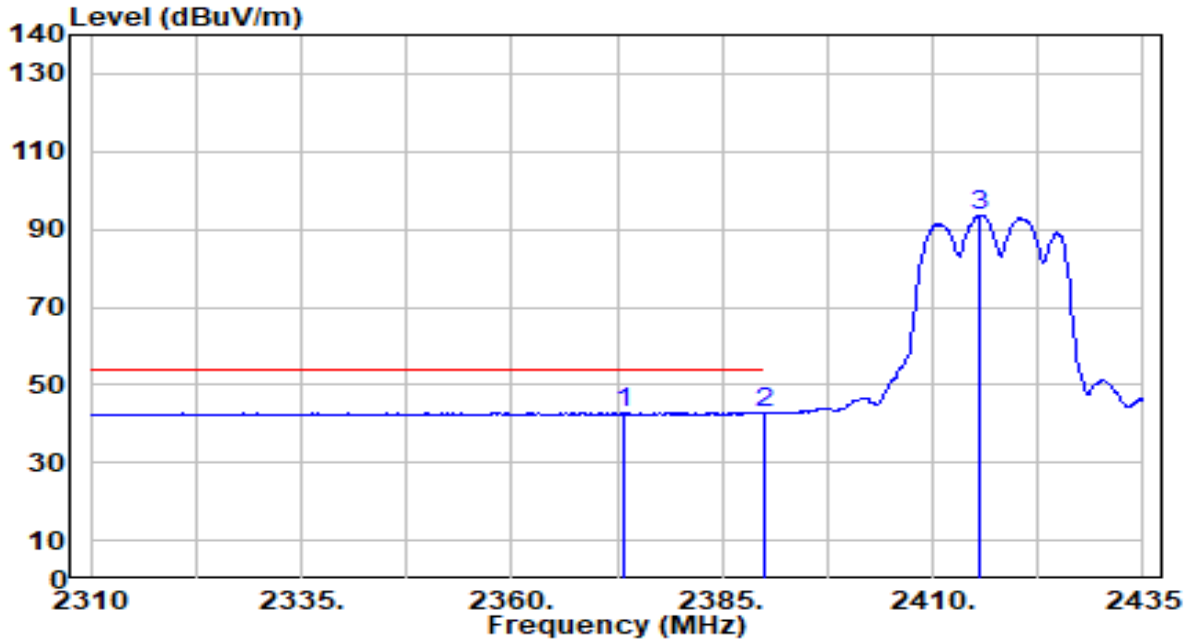


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2359.750	26.86	30.09	56.95	-17.05	74.00	304	87	Peak
2		2390.000	25.16	30.18	55.34	-18.66	74.00	304	87	Peak
3		2415.750	74.05	30.23	104.28	N/A	N/A	304	87	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

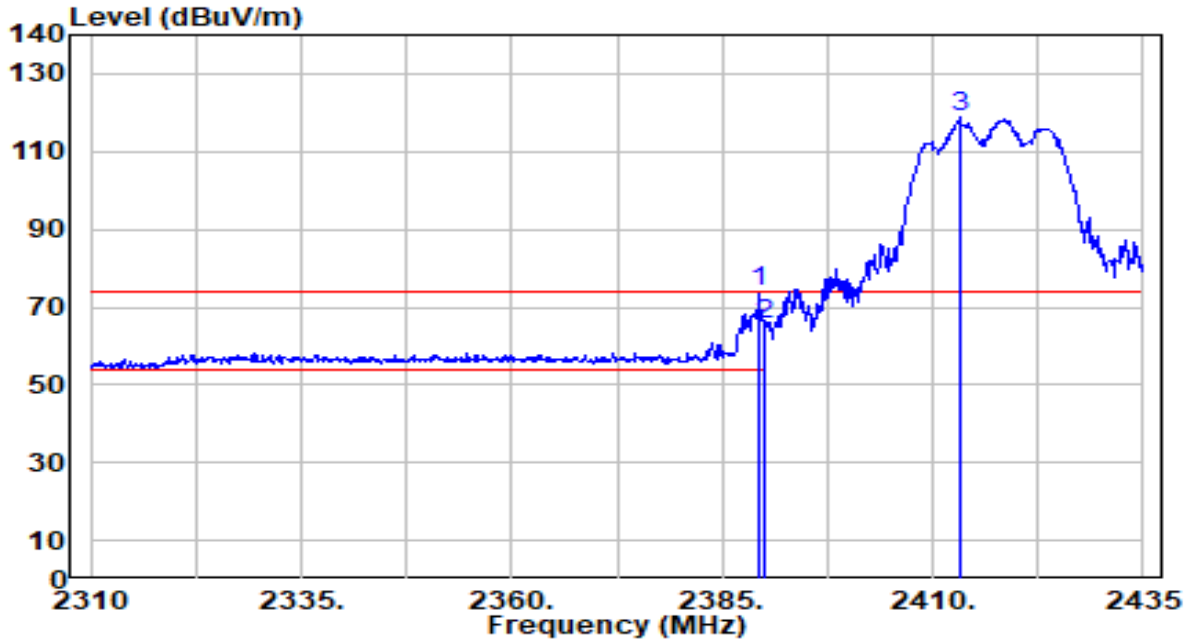


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2373.250	12.76	30.13	42.89	-11.11	54.00	304	87	Average
2		2390.000	12.53	30.18	42.71	-11.29	54.00	304	87	Average
3		2415.625	63.32	30.23	93.54	N/A	N/A	304	87	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

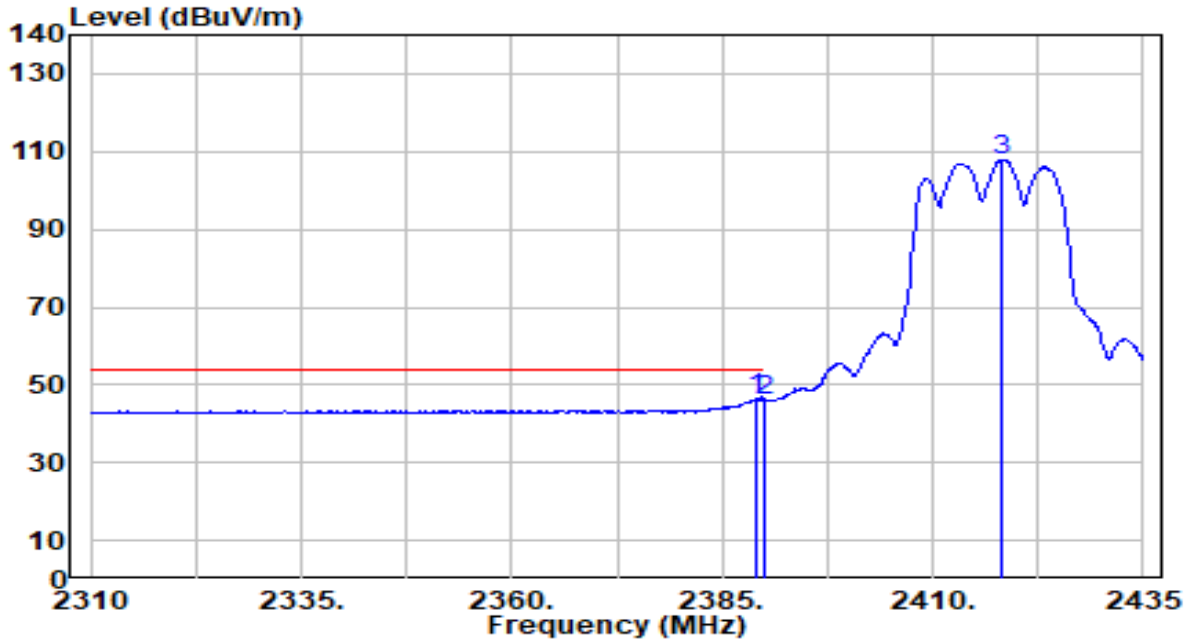


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.375	43.62	30.18	73.80	-0.20	74.00	208	0	Peak
2		2390.000	35.24	30.18	65.42	-8.58	74.00	208	0	Peak
3		2413.250	88.41	30.23	118.63	N/A	N/A	208	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

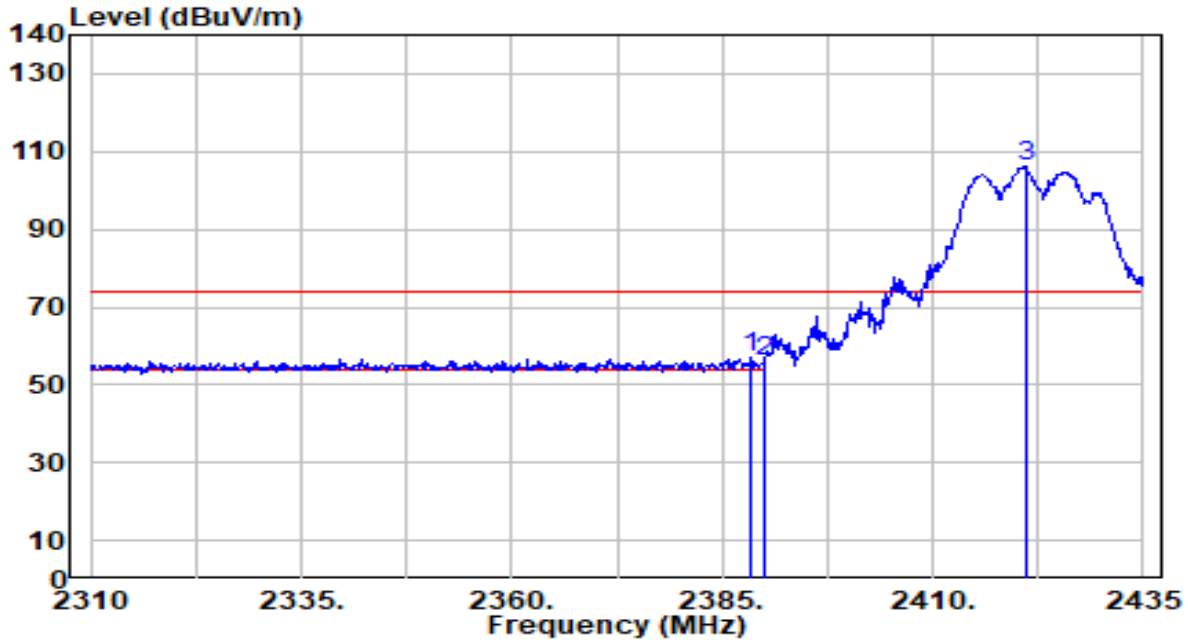


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.000	16.06	30.18	46.24	-7.76	54.00	208	0	Average
2		2390.000	15.93	30.18	46.11	-7.89	54.00	208	0	Average
3		2418.125	77.76	30.23	107.99	N/A	N/A	208	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

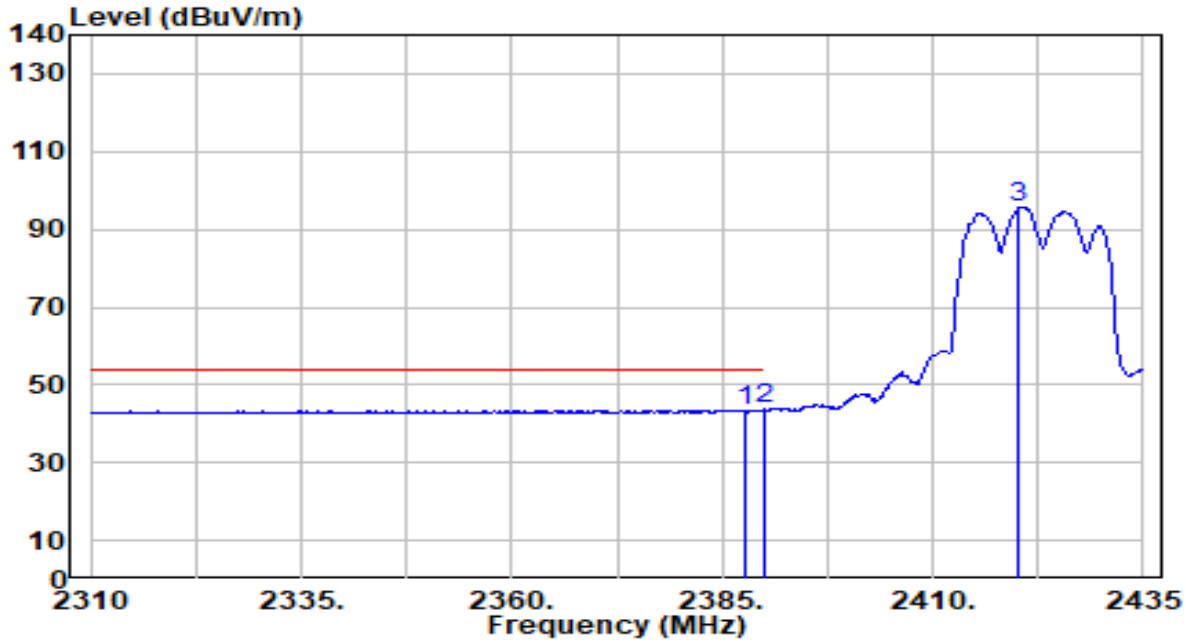


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.500	26.98	30.18	57.15	-16.85	74.00	305	88	Peak
2		2390.000	25.71	30.18	55.89	-18.11	74.00	305	88	Peak
3		2421.000	76.03	30.24	106.27	N/A	N/A	305	88	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

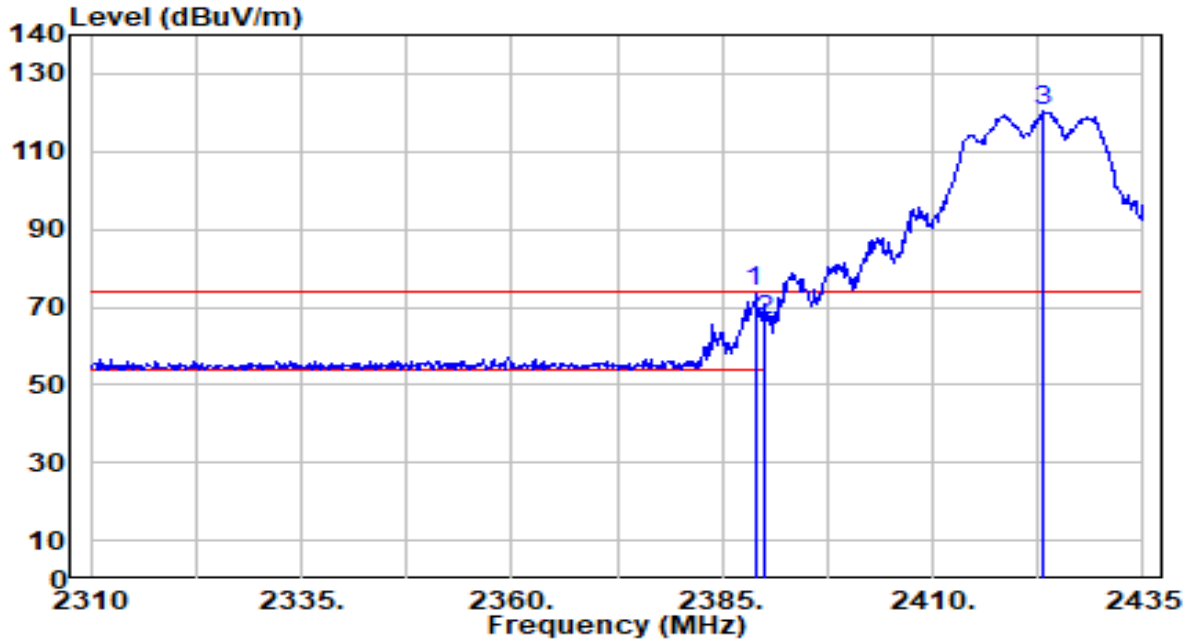


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.750	13.29	30.17	43.47	-10.53	54.00	305	88	Average
2	*	2390.000	13.54	30.18	43.72	-10.28	54.00	305	88	Average
3		2420.250	65.58	30.23	95.81	N/A	N/A	305	88	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

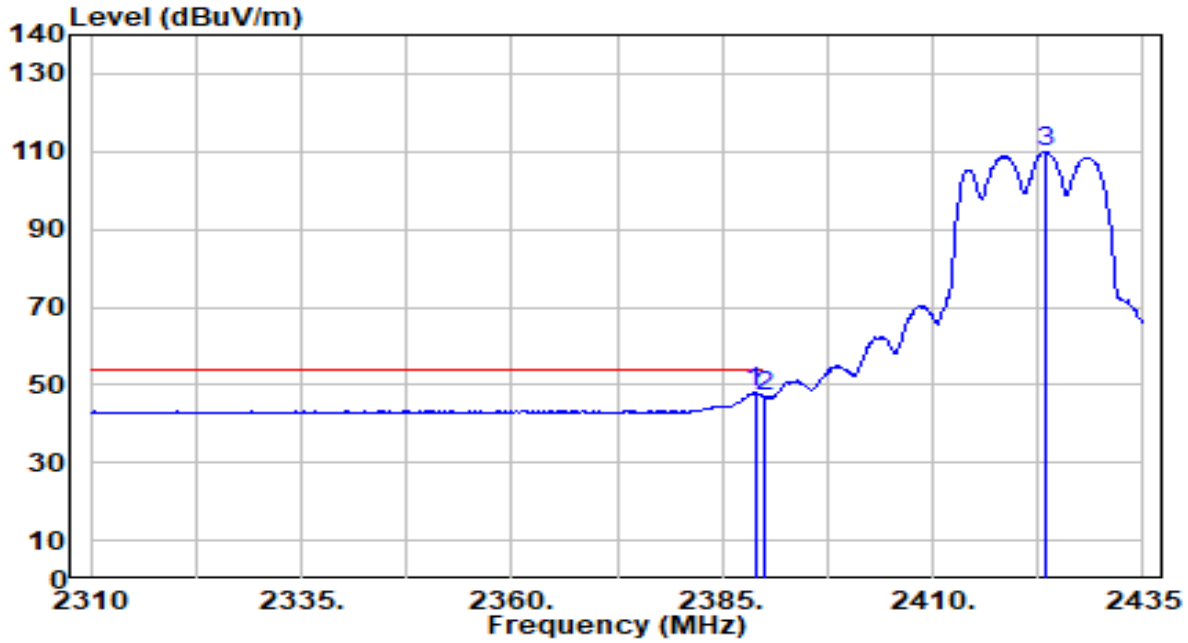


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.875	43.57	30.18	73.75	-0.25	74.00	200	0	Peak
2		2390.000	36.20	30.18	66.38	-7.62	74.00	200	0	Peak
3		2423.250	90.36	30.24	120.60	N/A	N/A	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

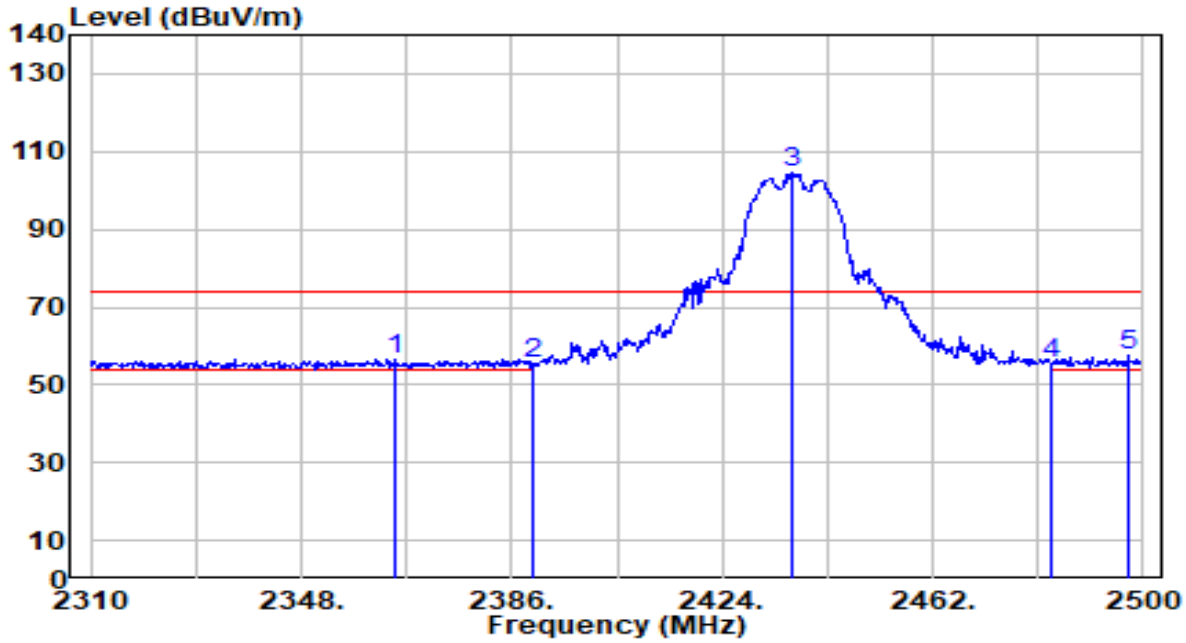


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.875	17.76	30.18	47.93	-6.07	54.00	200	0	Average
2		2390.000	17.05	30.18	47.23	-6.77	54.00	200	0	Average
3		2423.375	79.74	30.24	109.98	N/A	N/A	200	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

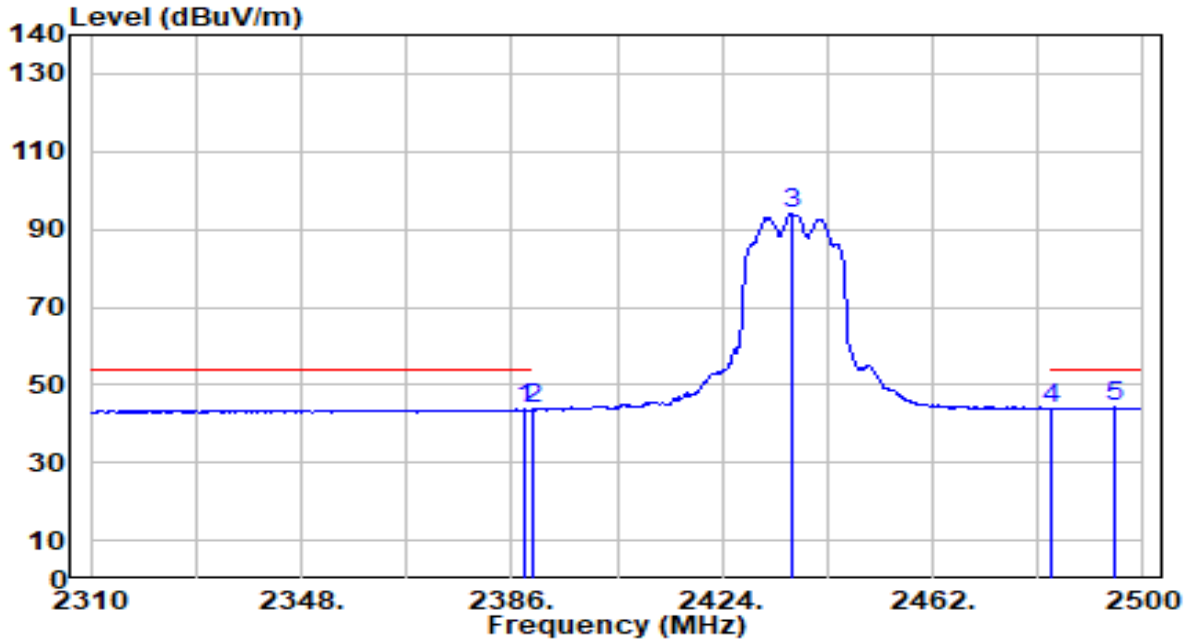


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2364.720	26.63	30.11	56.74	-17.26	74.00	200	44	Peak
2		2390.000	25.14	30.18	55.32	-18.68	74.00	200	44	Peak
3		2436.540	74.11	30.26	104.37	N/A	N/A	200	44	Peak
4		2483.500	24.99	30.32	55.31	-18.69	74.00	200	44	Peak
5	*	2497.150	27.38	30.34	57.71	-16.29	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

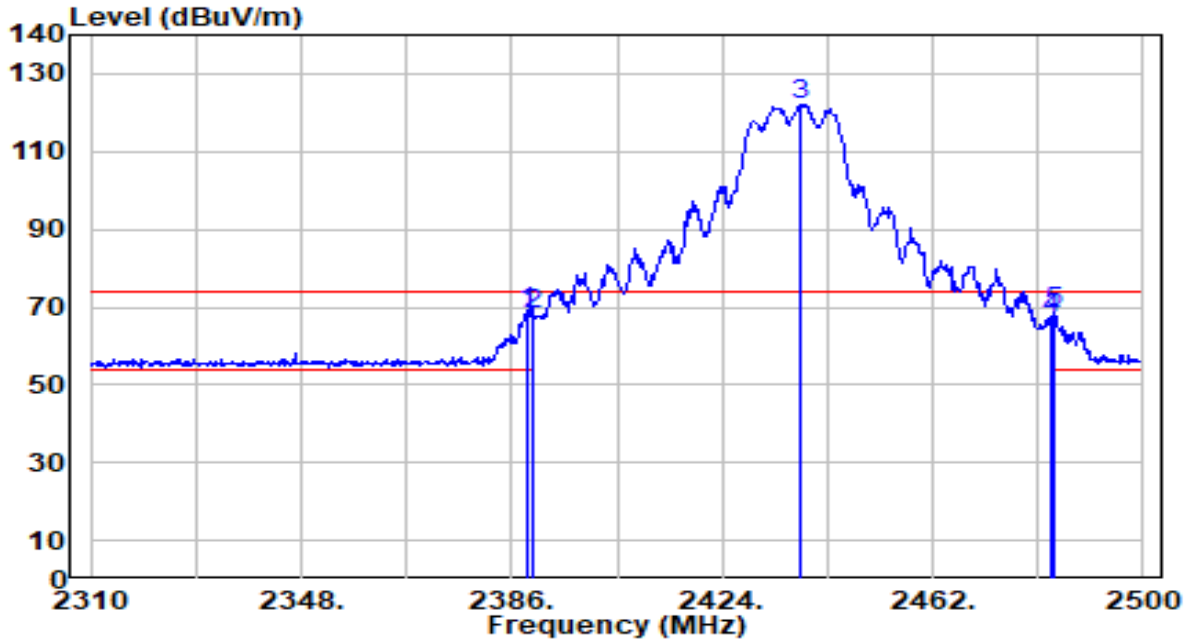


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.470	13.42	30.18	43.59	-10.41	54.00	200	44	Average
2		2390.000	13.49	30.18	43.67	-10.33	54.00	200	44	Average
3		2436.540	63.76	30.26	94.01	N/A	N/A	200	44	Average
4		2483.500	13.43	30.32	43.75	-10.25	54.00	200	44	Average
5	*	2495.060	13.84	30.33	44.18	-9.82	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

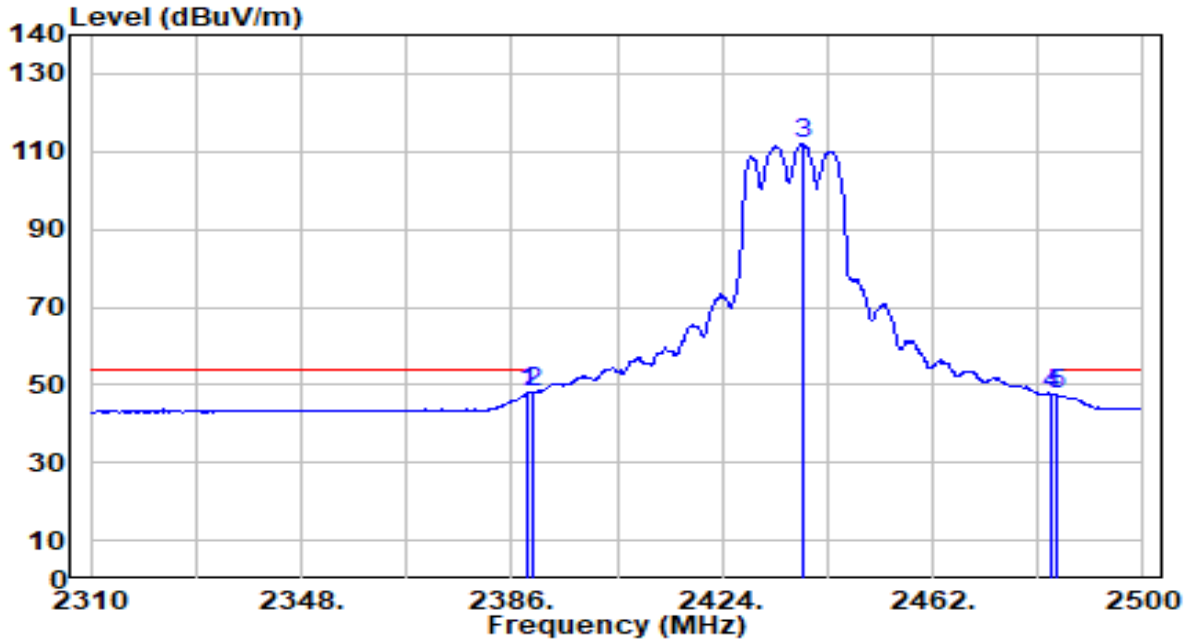


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	38.59	30.18	68.77	-5.23	74.00	200	0	Peak
2		2390.000	37.85	30.18	68.03	-5.97	74.00	200	0	Peak
3		2438.060	92.02	30.26	122.28	N/A	N/A	200	0	Peak
4		2483.500	37.02	30.32	67.34	-6.66	74.00	200	0	Peak
5	*	2484.040	38.61	30.32	68.93	-5.07	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

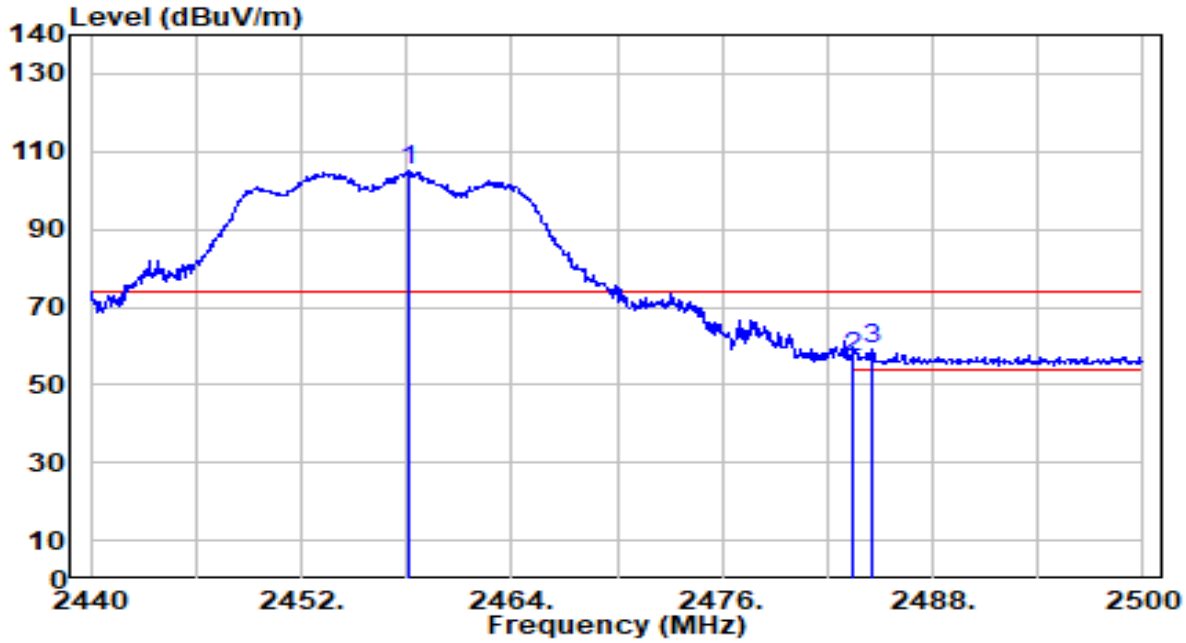


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	17.87	30.18	48.05	-5.95	54.00	200	0	Average
2	*	2390.000	17.89	30.18	48.07	-5.93	54.00	200	0	Average
3		2438.630	81.66	30.26	111.92	N/A	N/A	200	0	Average
4		2483.500	17.13	30.32	47.45	-6.55	54.00	200	0	Average
5		2484.230	17.20	30.32	47.52	-6.48	54.00	200	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

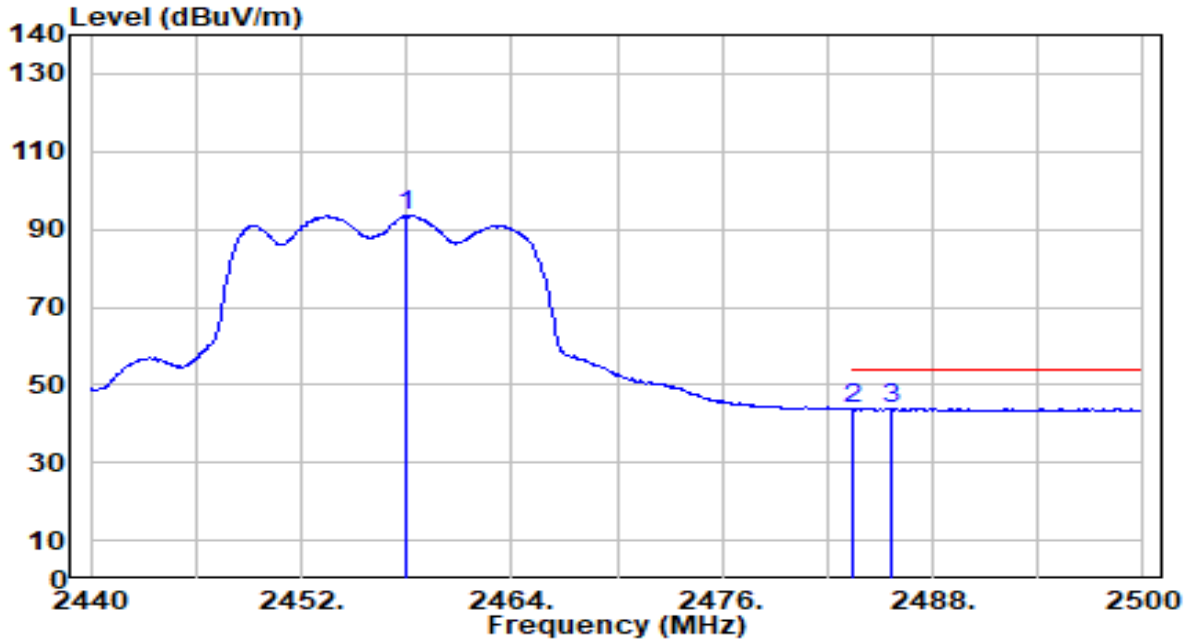


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2458.120	74.69	30.28	104.97	N/A	N/A	200	39	Peak
2		2483.500	26.60	30.32	56.92	-17.08	74.00	200	39	Peak
3	*	2484.580	29.09	30.32	59.41	-14.59	74.00	200	39	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

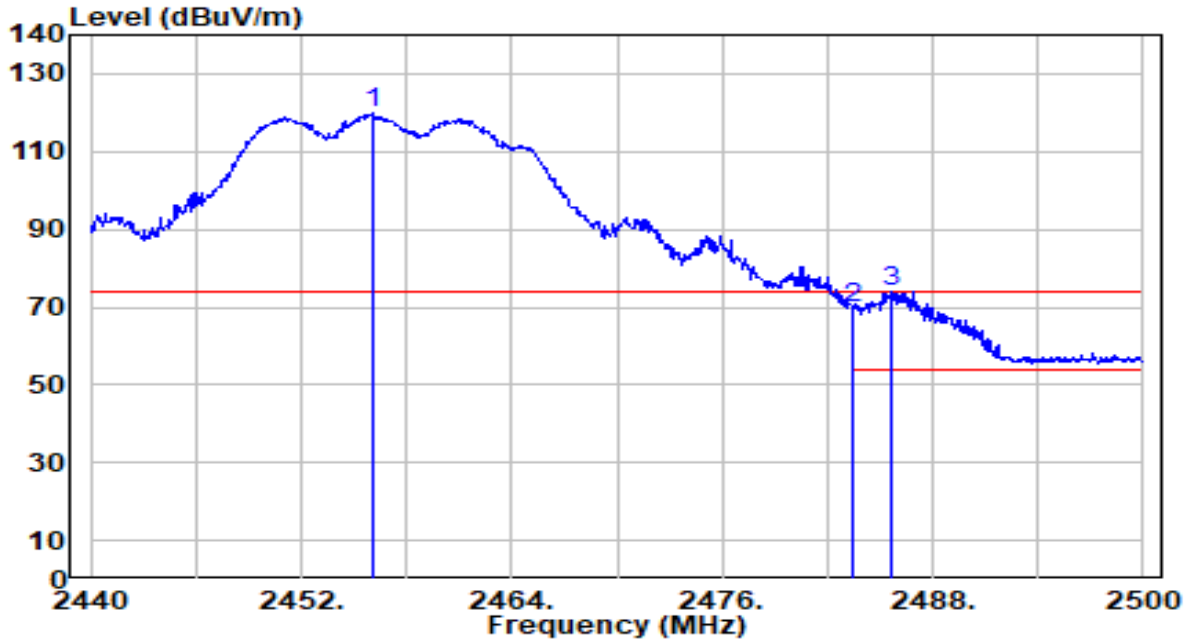


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2457.940	63.22	30.28	93.51	N/A	N/A	200	39	Average
2		2483.500	13.31	30.32	43.63	-10.37	54.00	200	39	Average
3	*	2485.600	13.54	30.32	43.86	-10.14	54.00	200	39	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

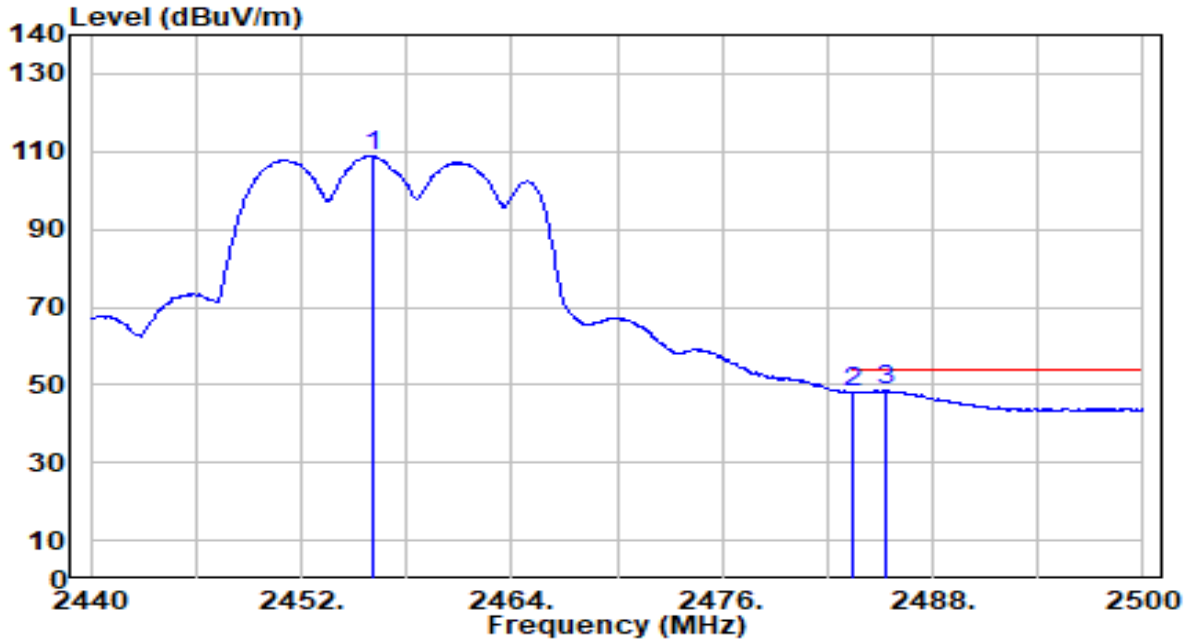


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.140	89.50	30.28	119.79	N/A	N/A	220	0	Peak
2		2483.500	39.21	30.32	69.53	-4.47	74.00	220	0	Peak
3	*	2485.660	43.47	30.32	73.79	-0.21	74.00	220	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

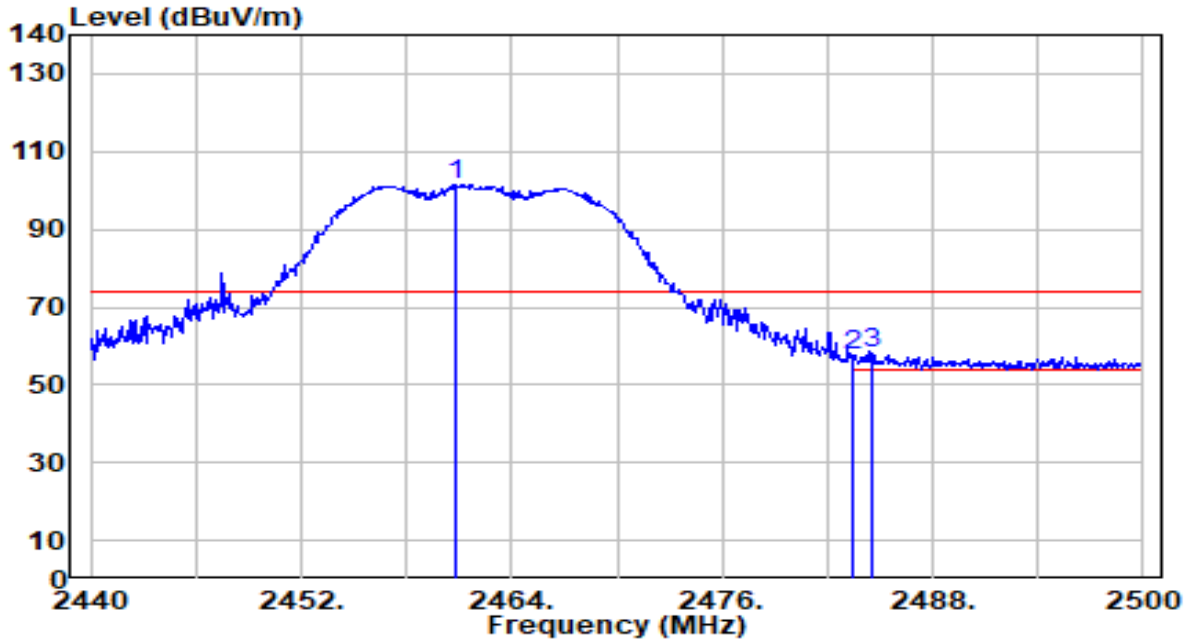


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.140	78.64	30.28	108.92	N/A	N/A	220	0	Average
2		2483.500	17.67	30.32	47.99	-6.01	54.00	220	0	Average
3	*	2485.300	18.23	30.32	48.55	-5.45	54.00	220	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

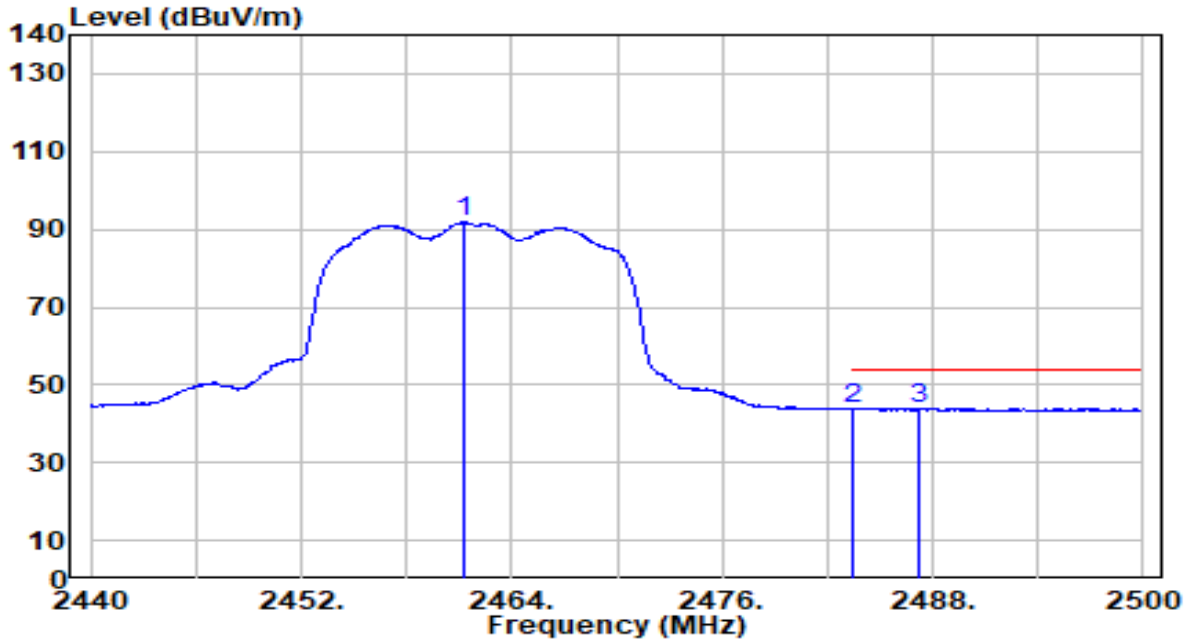


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.820	71.35	30.29	101.63	N/A	N/A	130	228	Peak
2		2483.500	27.46	30.32	57.78	-16.22	74.00	130	228	Peak
3	*	2484.520	27.59	30.32	57.91	-16.09	74.00	130	228	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

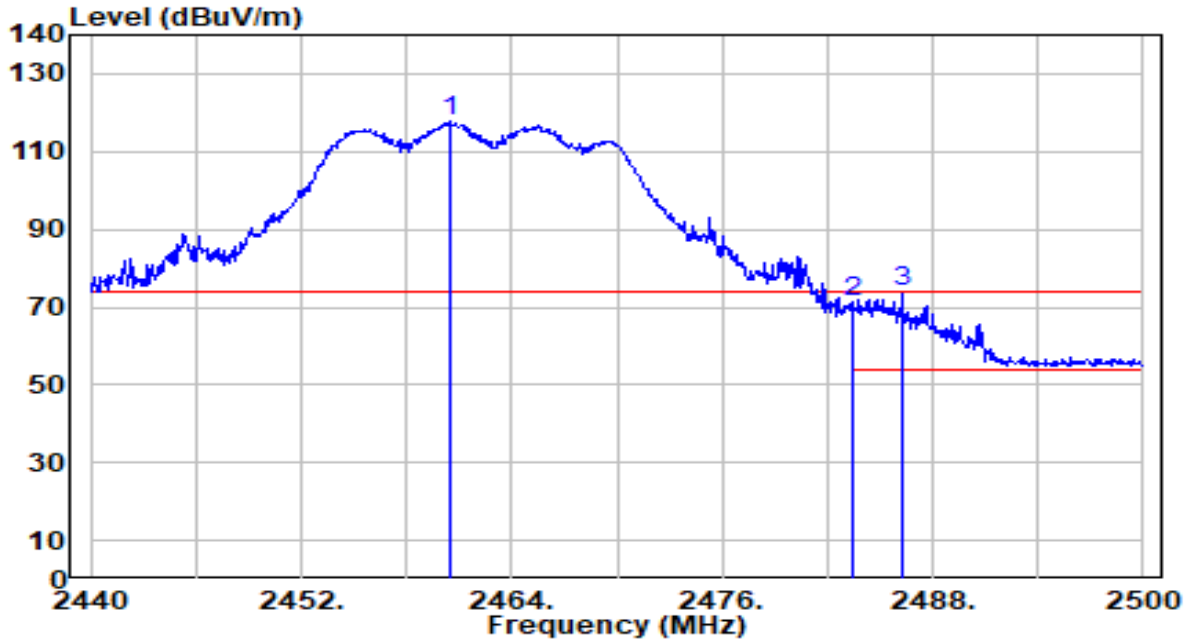


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2461.240	61.46	30.29	91.75	N/A	N/A	130	228	Average
2		2483.500	13.46	30.32	43.78	-10.22	54.00	130	228	Average
3	*	2487.220	13.56	30.32	43.88	-10.12	54.00	130	228	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

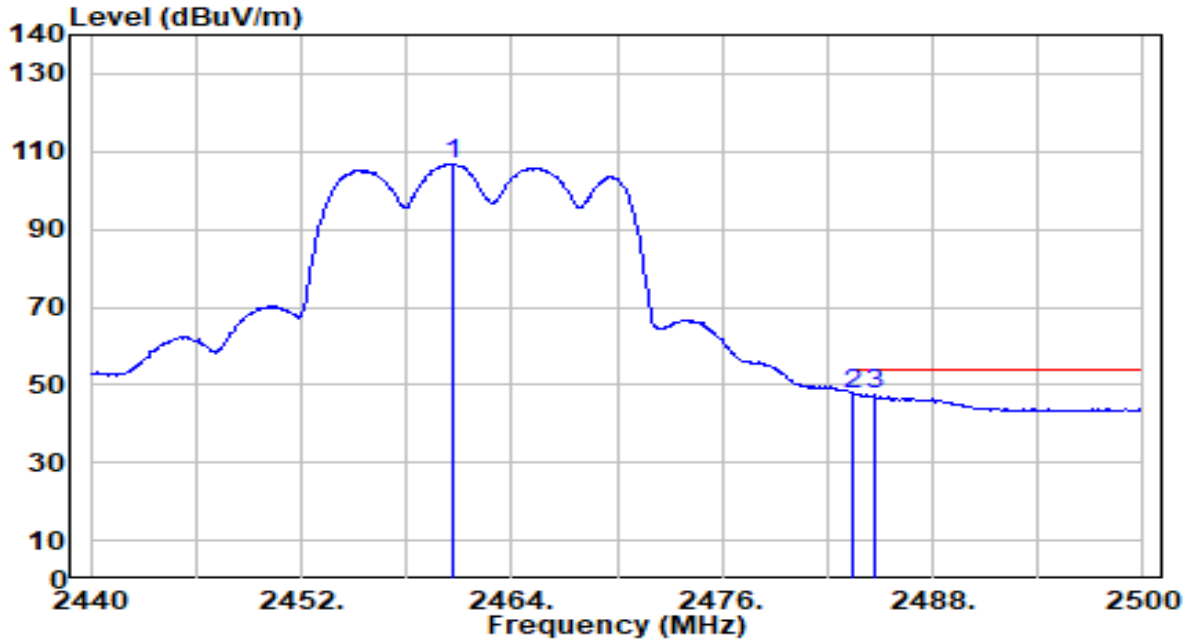


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.460	87.65	30.29	117.94	N/A	N/A	200	7	Peak
2		2483.500	40.93	30.32	71.25	-2.75	74.00	200	7	Peak
3	*	2486.260	43.45	30.32	73.77	-0.23	74.00	200	7	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11g_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

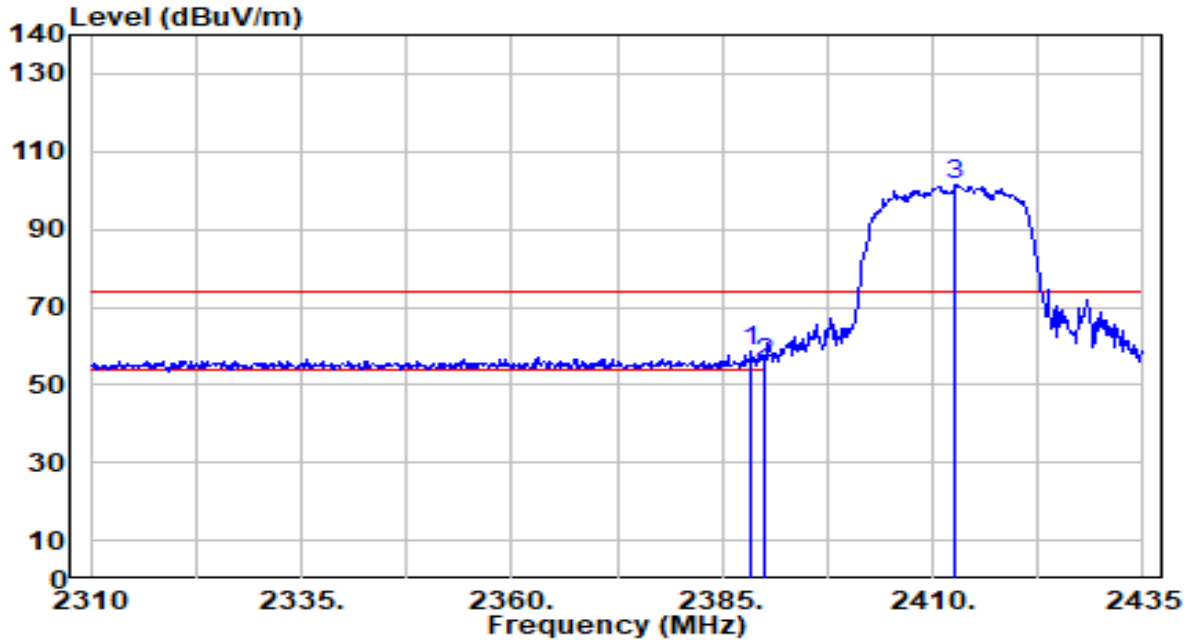


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.580	76.66	30.29	106.94	N/A	N/A	200	7	Average
2	*	2483.500	17.35	30.32	47.67	-6.33	54.00	200	7	Average
3		2484.640	17.01	30.32	47.33	-6.67	54.00	200	7	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

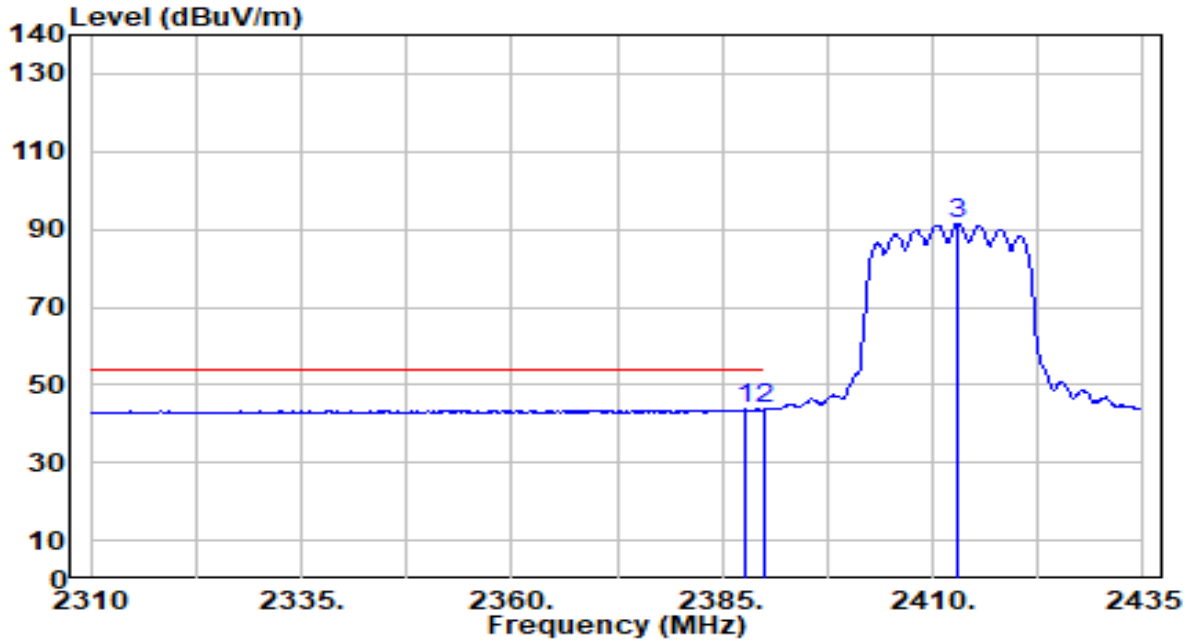


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.375	28.68	30.18	58.85	-15.15	74.00	286	94	Peak
2		2390.000	25.38	30.18	55.56	-18.44	74.00	286	94	Peak
3		2412.625	71.23	30.22	101.46	N/A	N/A	286	94	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

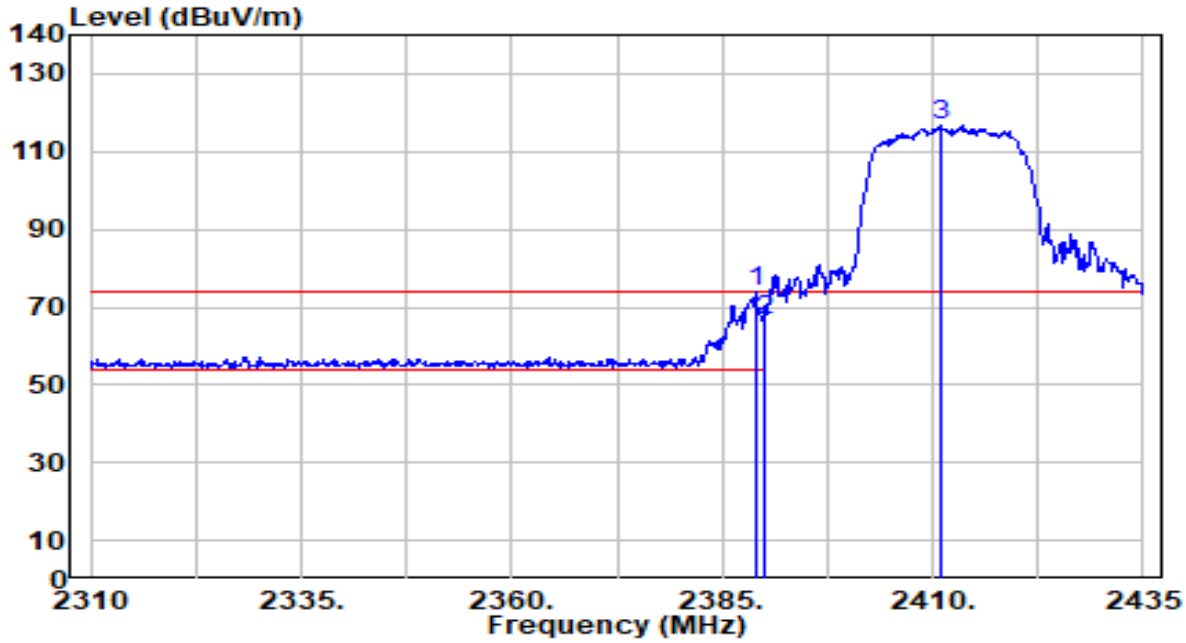


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.875	13.46	30.17	43.63	-10.37	54.00	286	94	Average
2	*	2390.000	13.55	30.18	43.73	-10.27	54.00	286	94	Average
3		2412.875	61.32	30.22	91.55	N/A	N/A	286	94	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

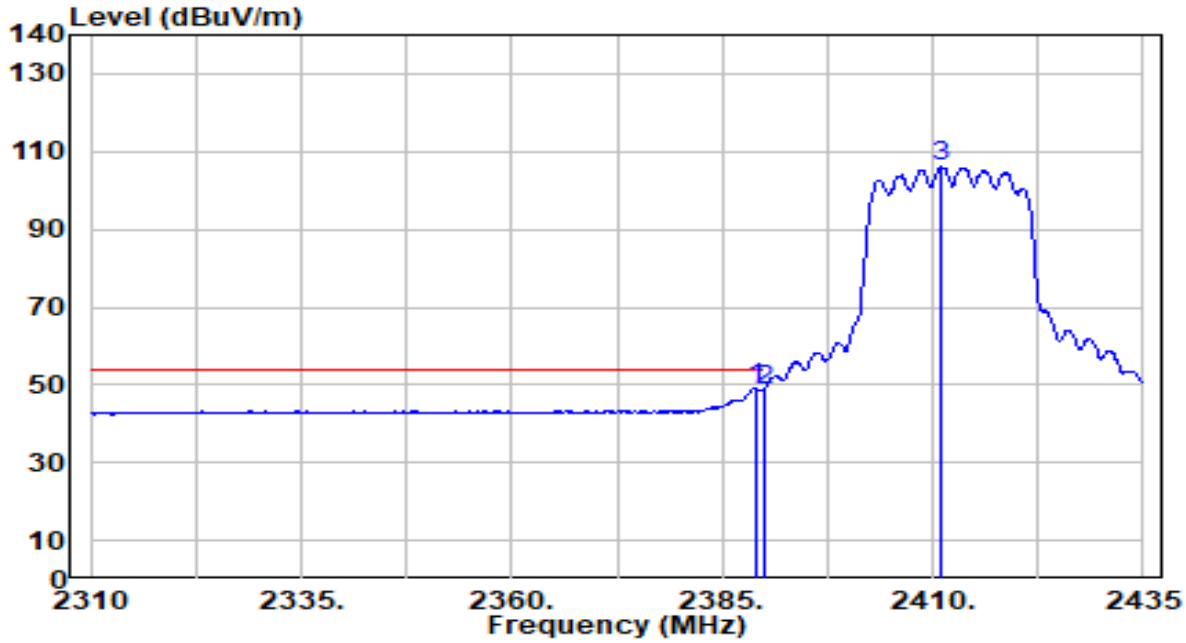


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.000	43.58	30.18	73.75	-0.25	74.00	196	7	Peak
2		2390.000	36.63	30.18	66.81	-7.19	74.00	196	7	Peak
3		2411.125	86.62	30.22	116.84	N/A	N/A	196	7	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

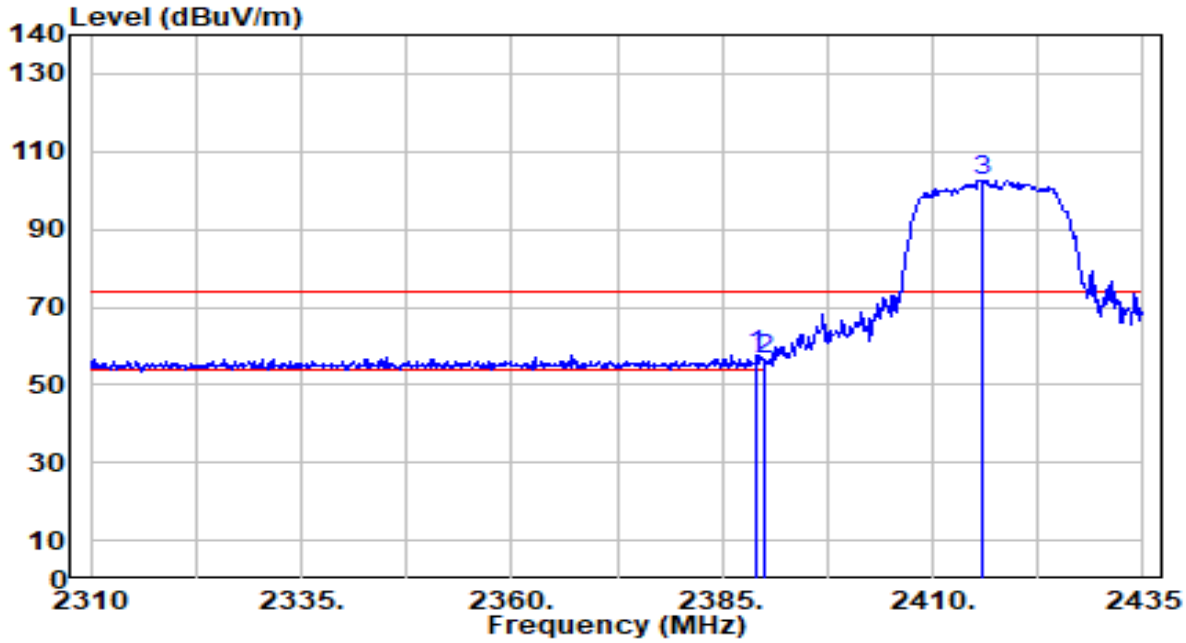


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.000	19.02	30.18	49.20	-4.80	54.00	196	7	Average
2		2390.000	18.54	30.18	48.72	-5.28	54.00	196	7	Average
3		2411.125	75.79	30.22	106.01	N/A	N/A	196	7	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

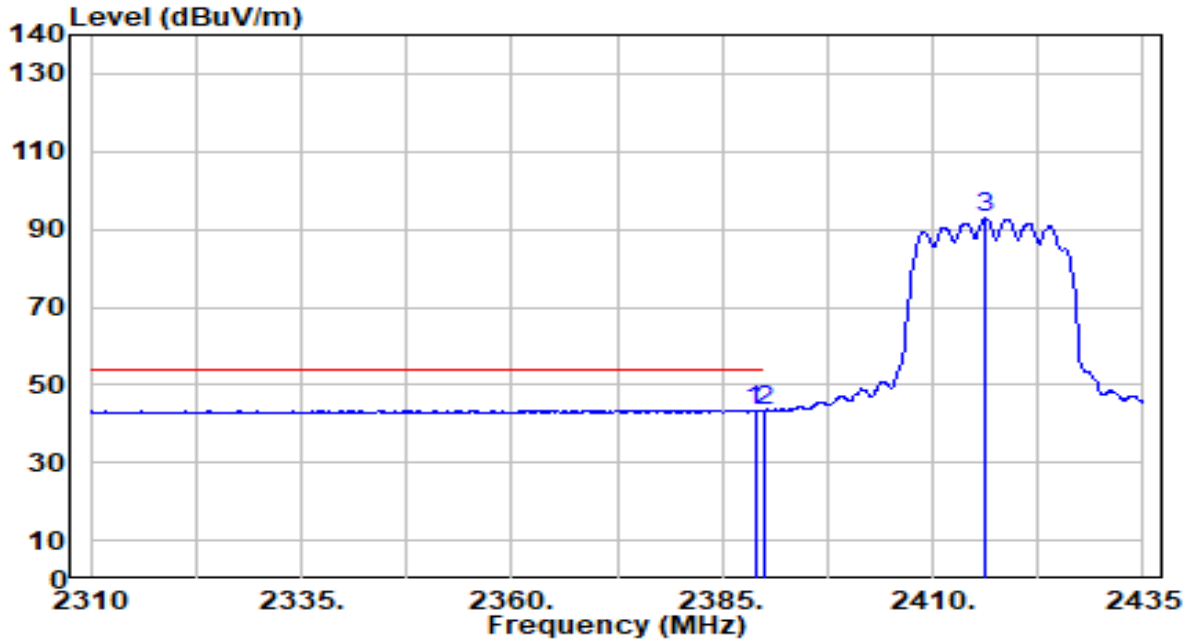


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.000	27.46	30.18	57.63	-16.37	74.00	304	87	Peak
2		2390.000	26.50	30.18	56.68	-17.32	74.00	304	87	Peak
3		2415.750	72.47	30.23	102.70	N/A	N/A	304	87	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

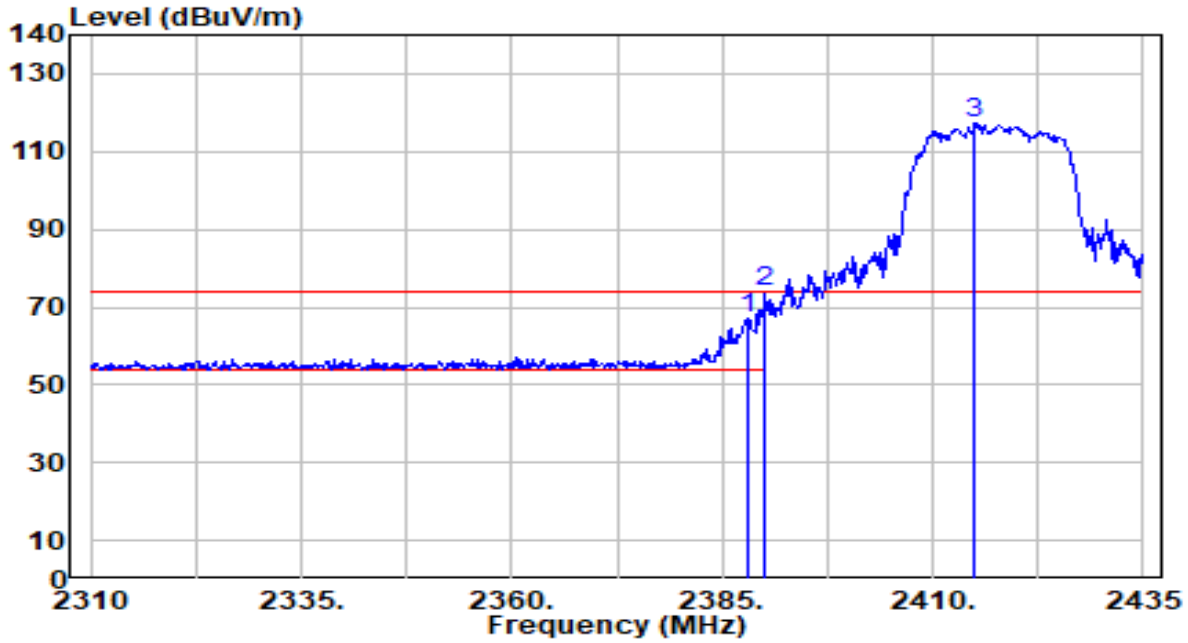


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.875	13.33	30.18	43.50	-10.50	54.00	304	87	Average
2		2390.000	13.29	30.18	43.47	-10.53	54.00	304	87	Average
3		2416.250	62.59	30.23	92.82	N/A	N/A	304	87	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

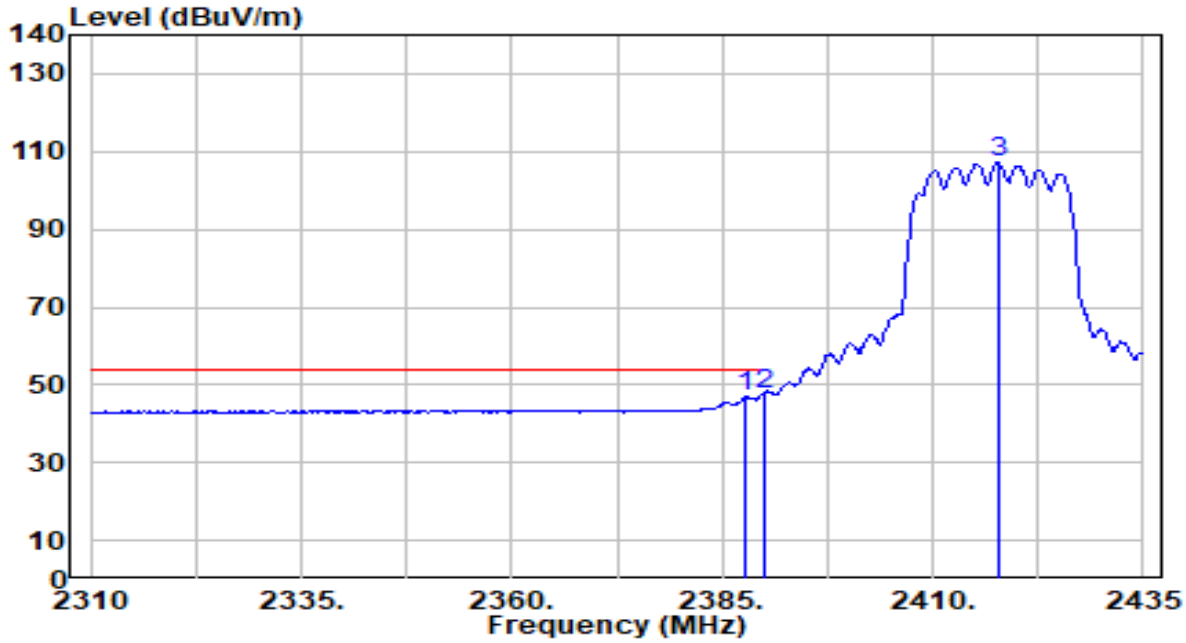


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.000	36.99	30.17	67.17	-6.83	74.00	208	0	Peak
2	*	2390.000	43.60	30.18	73.78	-0.22	74.00	208	0	Peak
3		2415.000	86.90	30.23	117.13	N/A	N/A	208	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

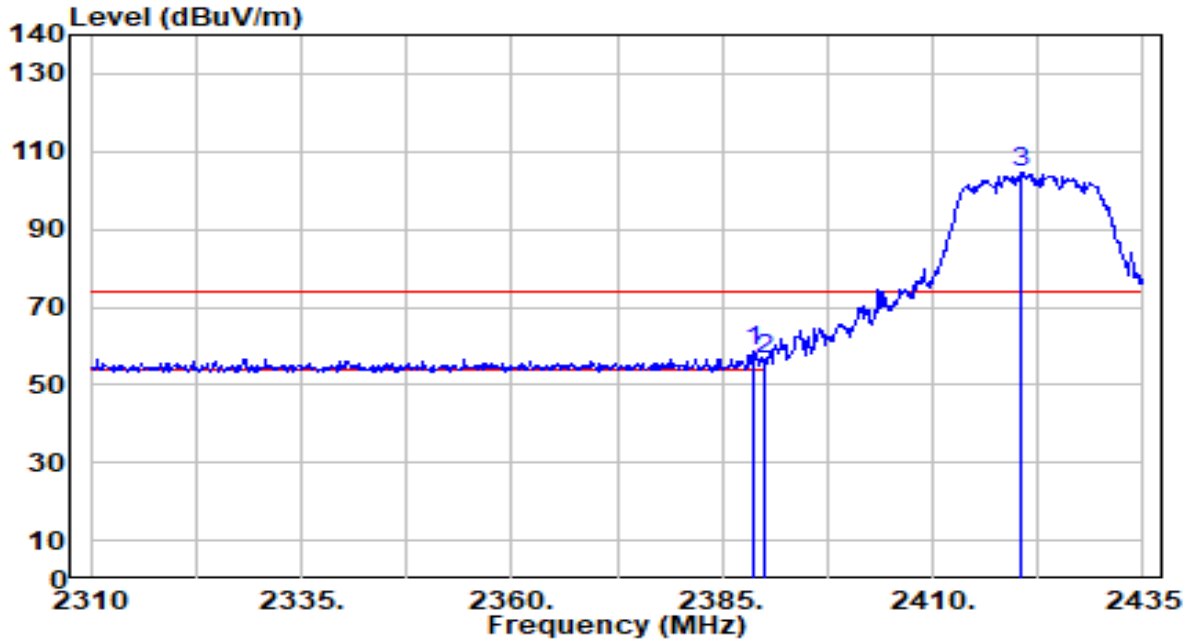


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.875	16.63	30.17	46.80	-7.20	54.00	208	0	Average
2	*	2390.000	17.56	30.18	47.74	-6.26	54.00	208	0	Average
3		2417.750	76.89	30.23	107.12	N/A	N/A	208	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

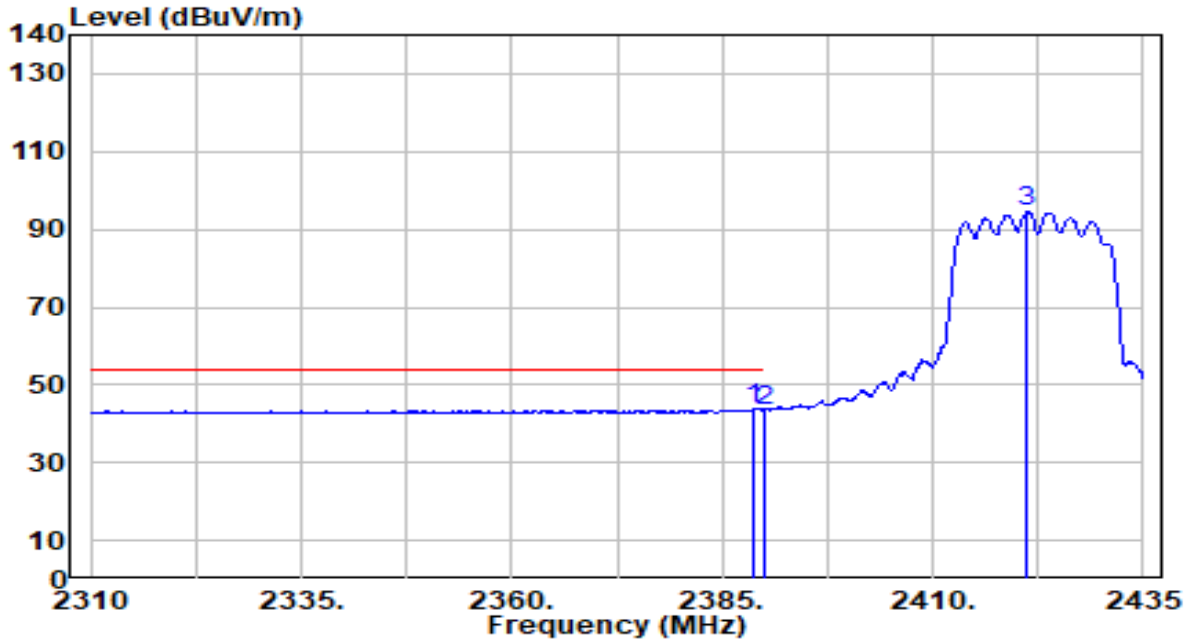


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.625	28.35	30.18	58.53	-15.47	74.00	305	88	Peak
2		2390.000	26.30	30.18	56.48	-17.52	74.00	305	88	Peak
3		2420.625	74.27	30.24	104.51	N/A	N/A	305	88	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

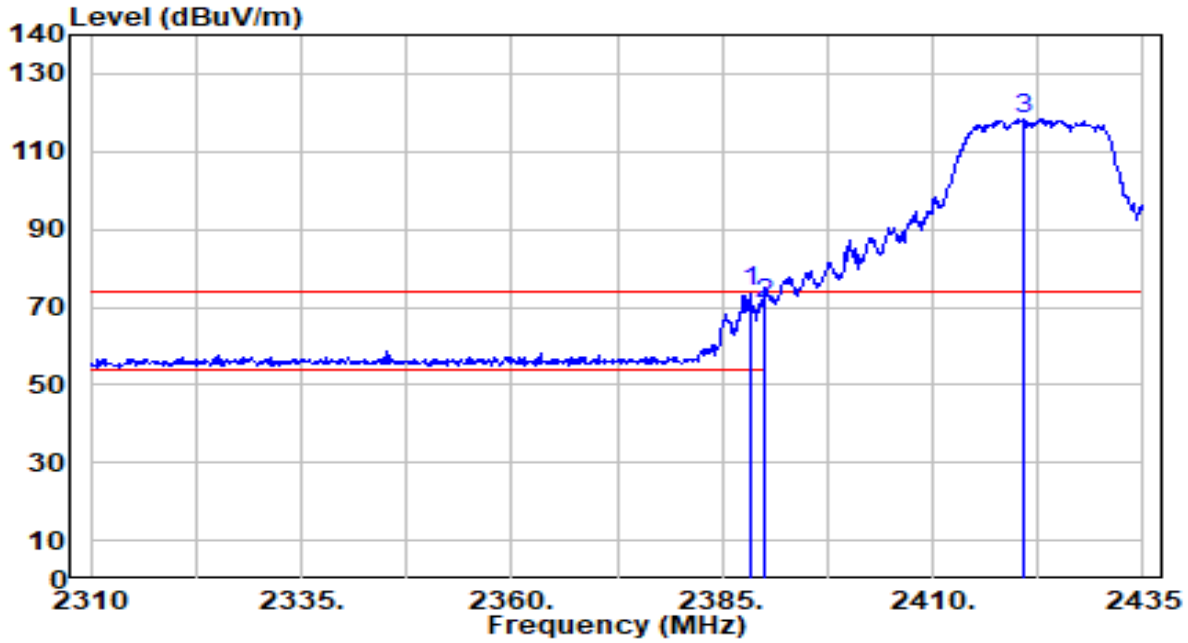


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.750	13.56	30.18	43.74	-10.26	54.00	305	88	Average
2		2390.000	13.35	30.18	43.53	-10.47	54.00	305	88	Average
3		2421.250	64.32	30.24	94.56	N/A	N/A	305	88	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

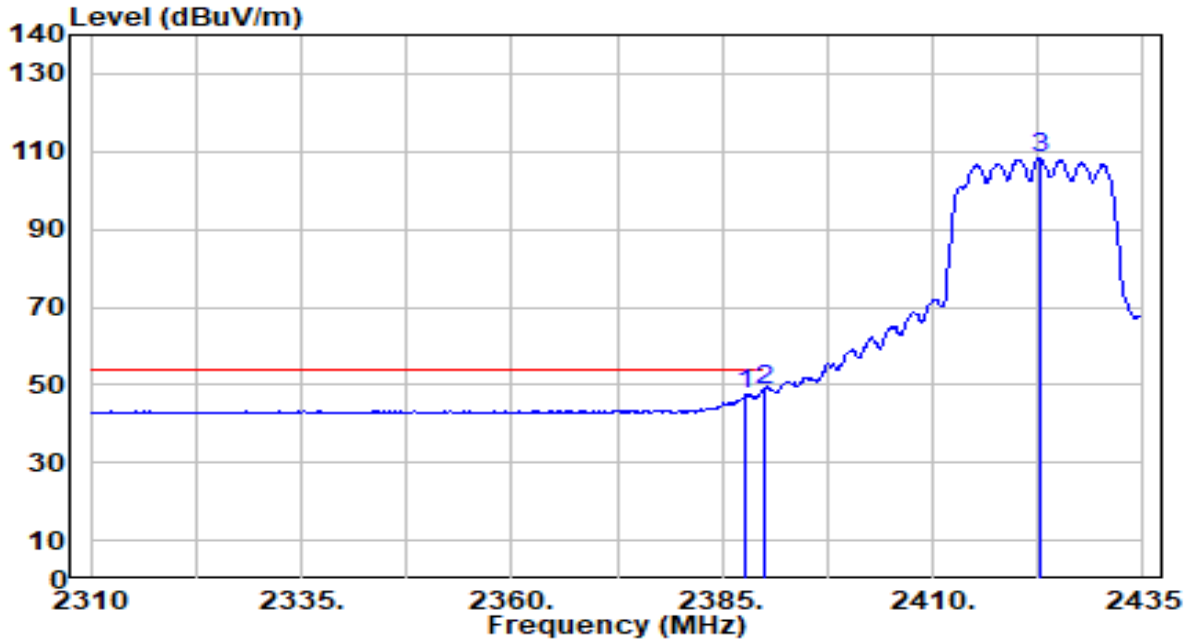


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.250	43.62	30.17	73.80	-0.20	74.00	208	0	Peak
2		2390.000	40.58	30.18	70.76	-3.24	74.00	208	0	Peak
3		2420.875	88.29	30.24	118.52	N/A	N/A	208	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

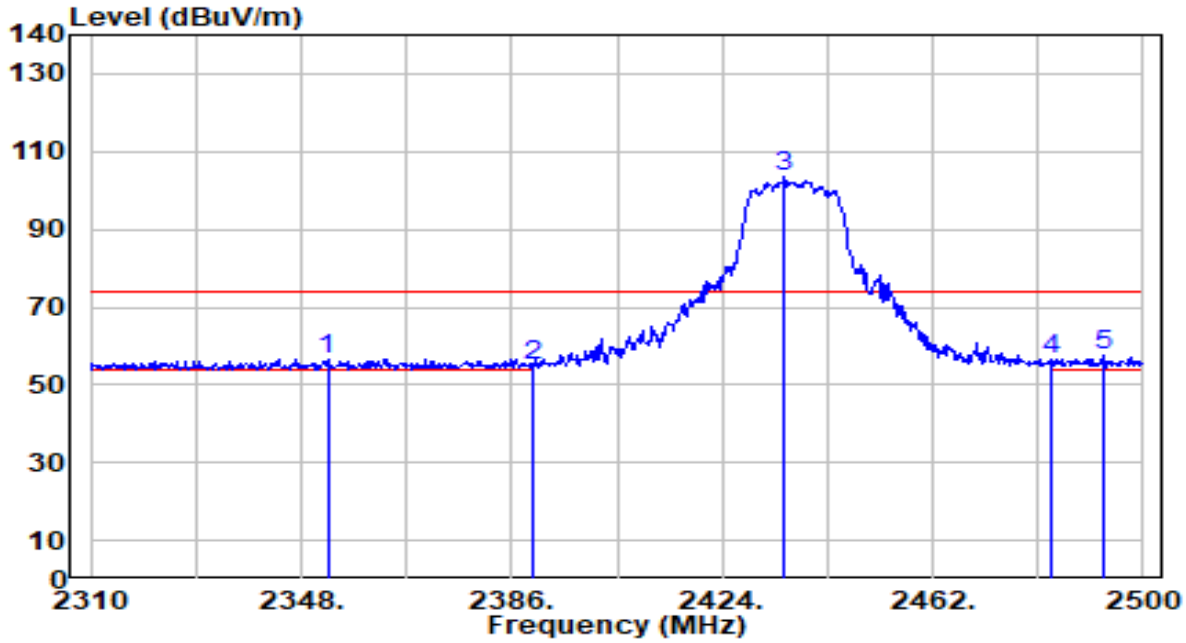


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.875	17.24	30.17	47.41	-6.59	54.00	208	0	Average
2	*	2390.000	18.41	30.18	48.59	-5.41	54.00	208	0	Average
3		2422.750	77.93	30.24	108.17	N/A	N/A	208	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

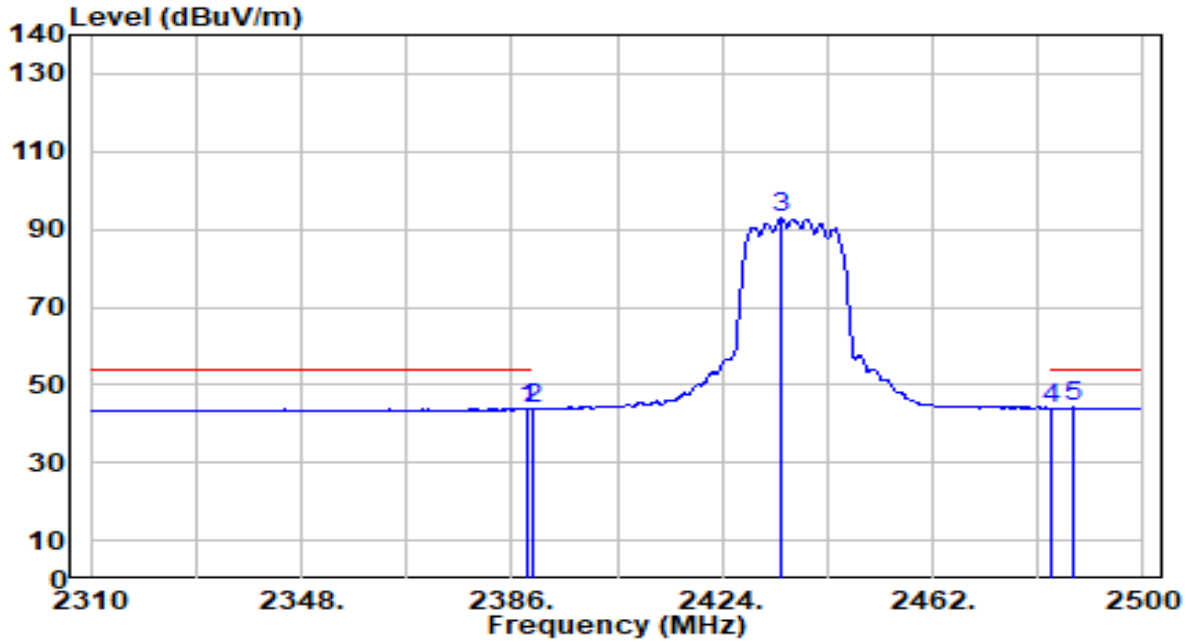


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2352.750	26.66	30.07	56.73	-17.27	74.00	200	44	Peak
2		2390.000	24.87	30.18	55.05	-18.95	74.00	200	44	Peak
3		2435.210	73.22	30.25	103.48	N/A	N/A	200	44	Peak
4		2483.500	26.20	30.32	56.52	-17.48	74.00	200	44	Peak
5	*	2492.970	27.27	30.33	57.60	-16.40	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

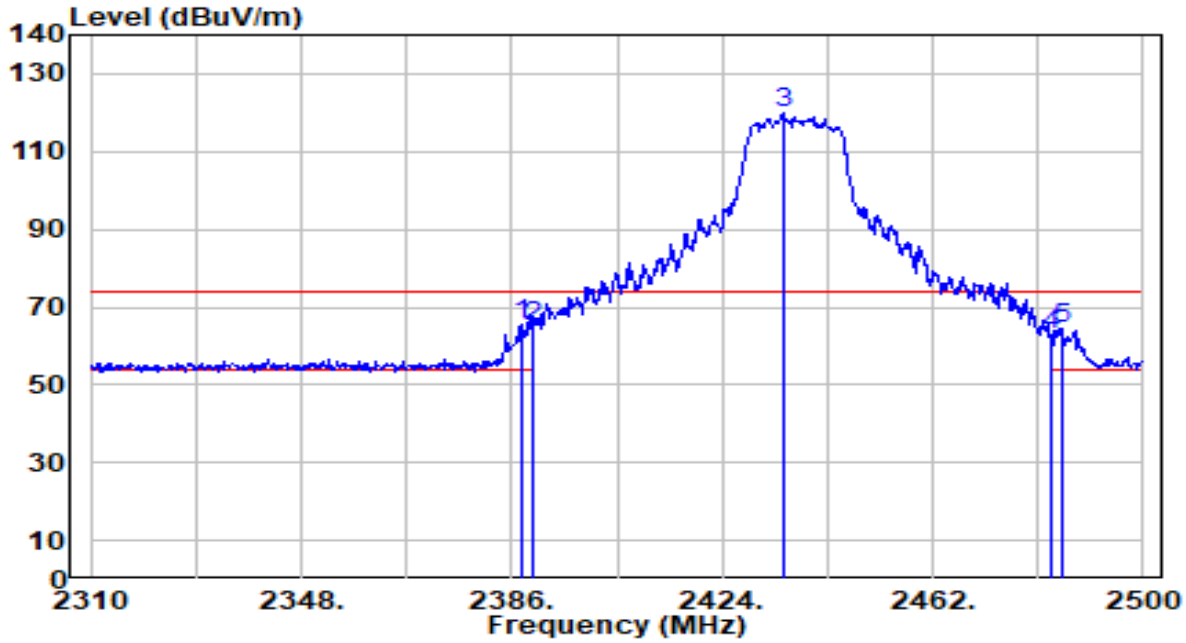


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	13.64	30.18	43.82	-10.18	54.00	200	44	Average
2		2390.000	13.62	30.18	43.80	-10.20	54.00	200	44	Average
3		2434.450	62.60	30.25	92.85	N/A	N/A	200	44	Average
4		2483.500	13.66	30.32	43.98	-10.02	54.00	200	44	Average
5	*	2487.270	13.79	30.32	44.12	-9.88	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

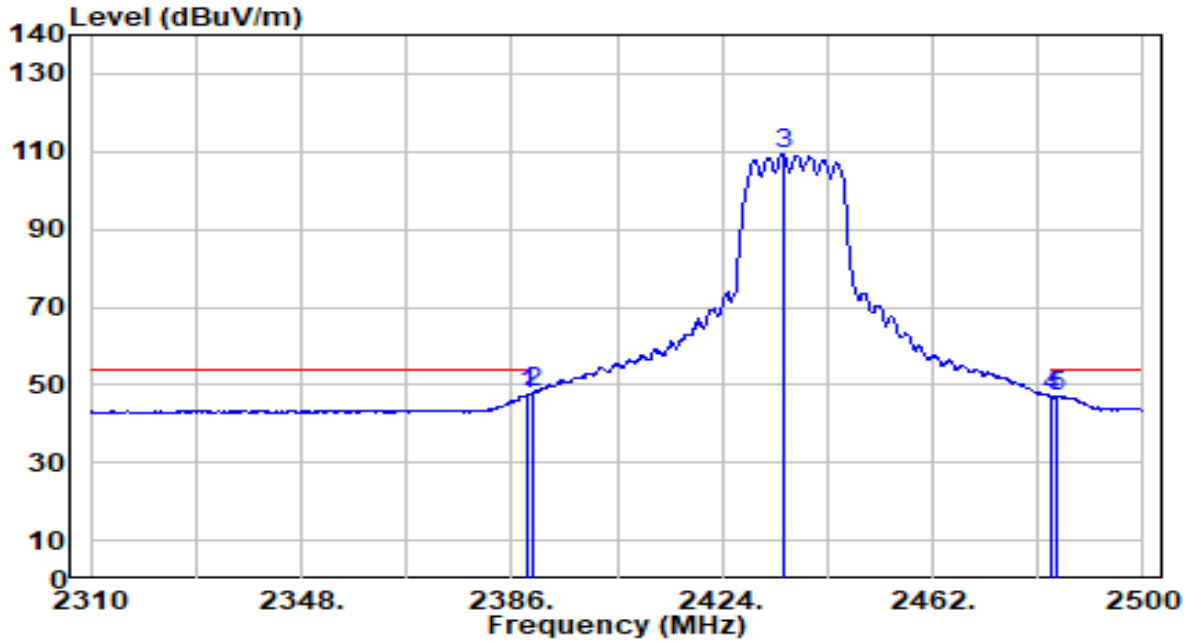


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.900	35.53	30.17	65.70	-8.30	74.00	190	9	Peak
2		2390.000	34.94	30.18	65.12	-8.88	74.00	190	9	Peak
3		2435.020	89.60	30.25	119.85	N/A	N/A	190	9	Peak
4		2483.500	32.40	30.32	62.72	-11.28	74.00	190	9	Peak
5		2485.370	34.16	30.32	64.48	-9.52	74.00	190	9	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

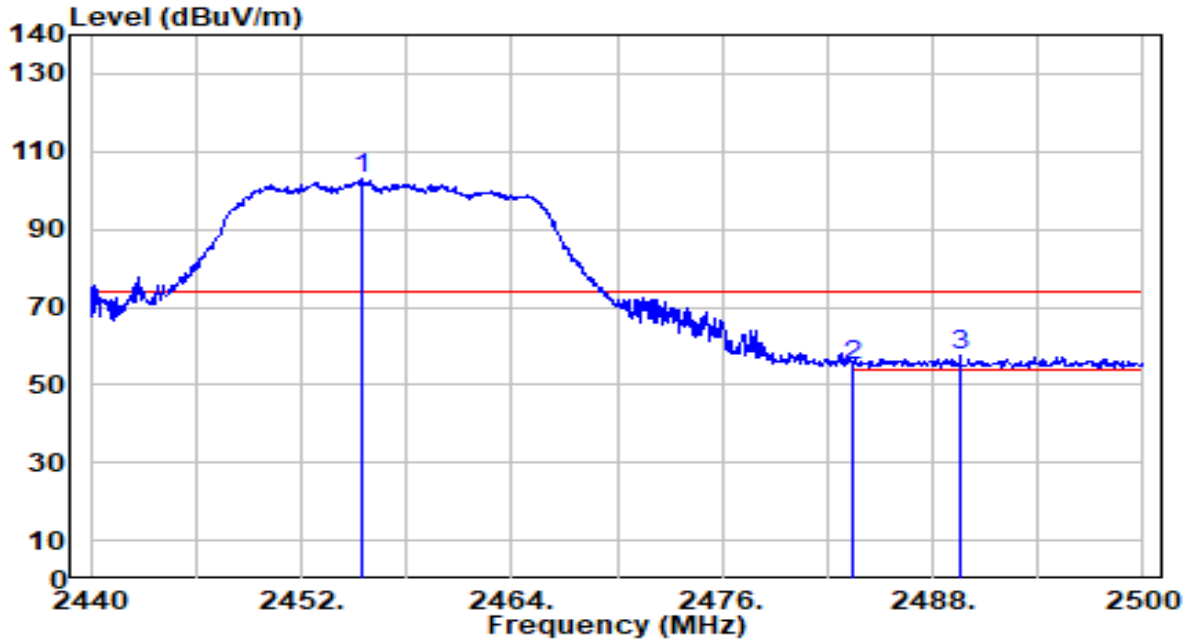


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	17.13	30.18	47.31	-6.69	54.00	190	9	Average
2	*	2390.000	17.96	30.18	48.14	-5.86	54.00	190	9	Average
3		2435.020	79.31	30.25	109.57	N/A	N/A	190	9	Average
4		2483.500	16.52	30.32	46.83	-7.17	54.00	190	9	Average
5		2484.420	16.74	30.32	47.06	-6.94	54.00	190	9	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

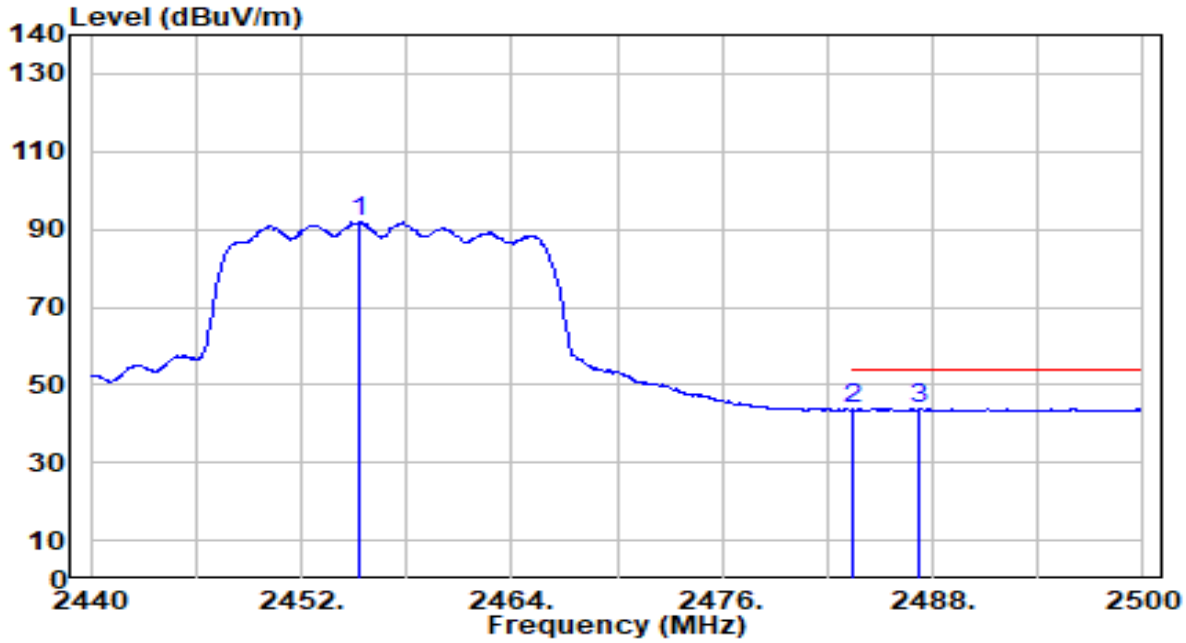


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.420	72.62	30.28	102.90	N/A	N/A	200	39	Peak
2		2483.500	24.68	30.32	55.00	-19.00	74.00	200	39	Peak
3	*	2489.560	27.40	30.33	57.73	-16.27	74.00	200	39	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

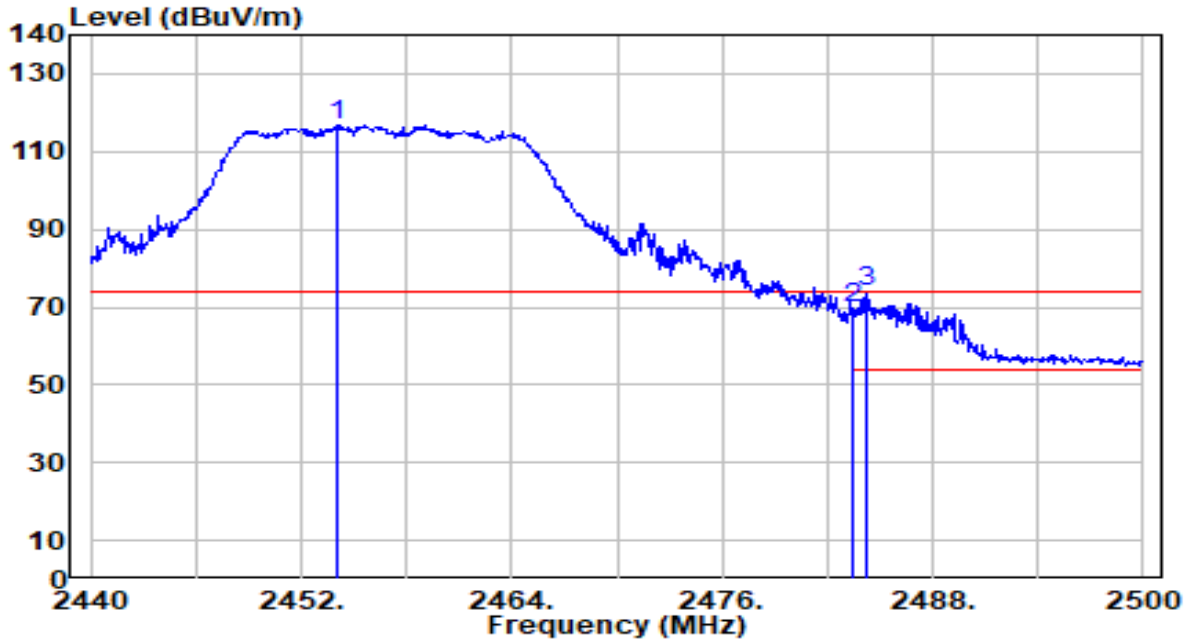


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.300	61.64	30.28	91.92	N/A	N/A	200	39	Average
2		2483.500	13.28	30.32	43.59	-10.41	54.00	200	39	Average
3	*	2487.280	13.68	30.32	44.01	-9.99	54.00	200	39	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

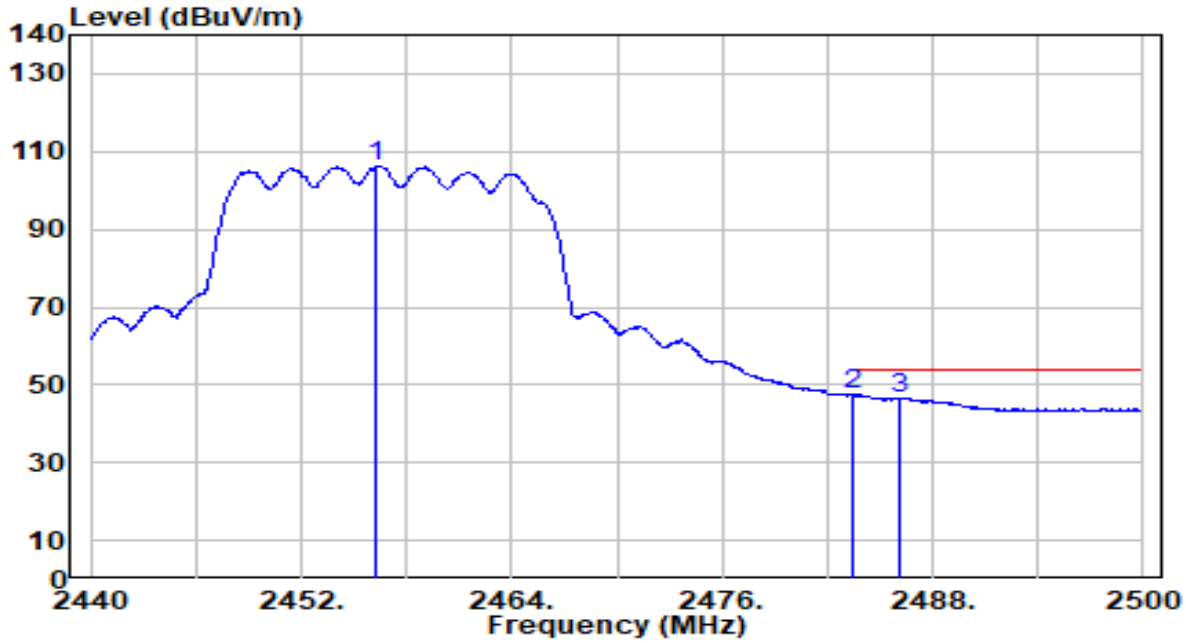


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2454.100	86.59	30.28	116.87	N/A	N/A	220	0	Peak
2		2483.500	39.20	30.32	69.52	-4.48	74.00	220	0	Peak
3	*	2484.160	43.40	30.32	73.72	-0.28	74.00	220	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

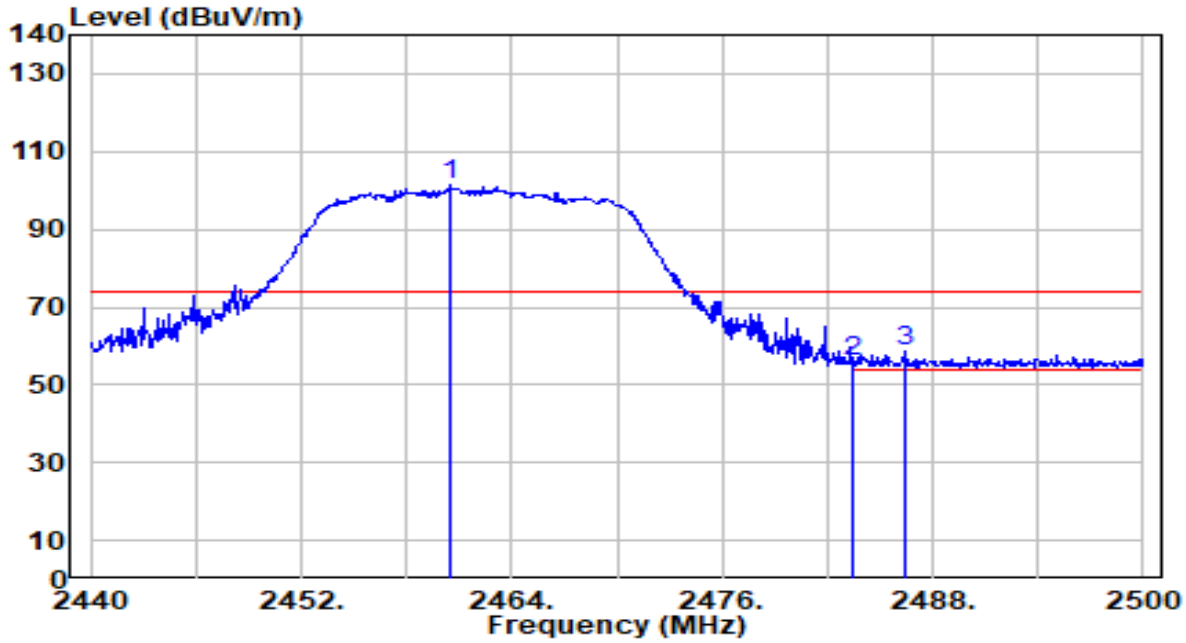


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.260	76.12	30.28	106.40	N/A	N/A	220	0	Average
2	*	2483.500	16.97	30.32	47.28	-6.72	54.00	220	0	Average
3		2486.140	16.42	30.32	46.74	-7.26	54.00	220	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

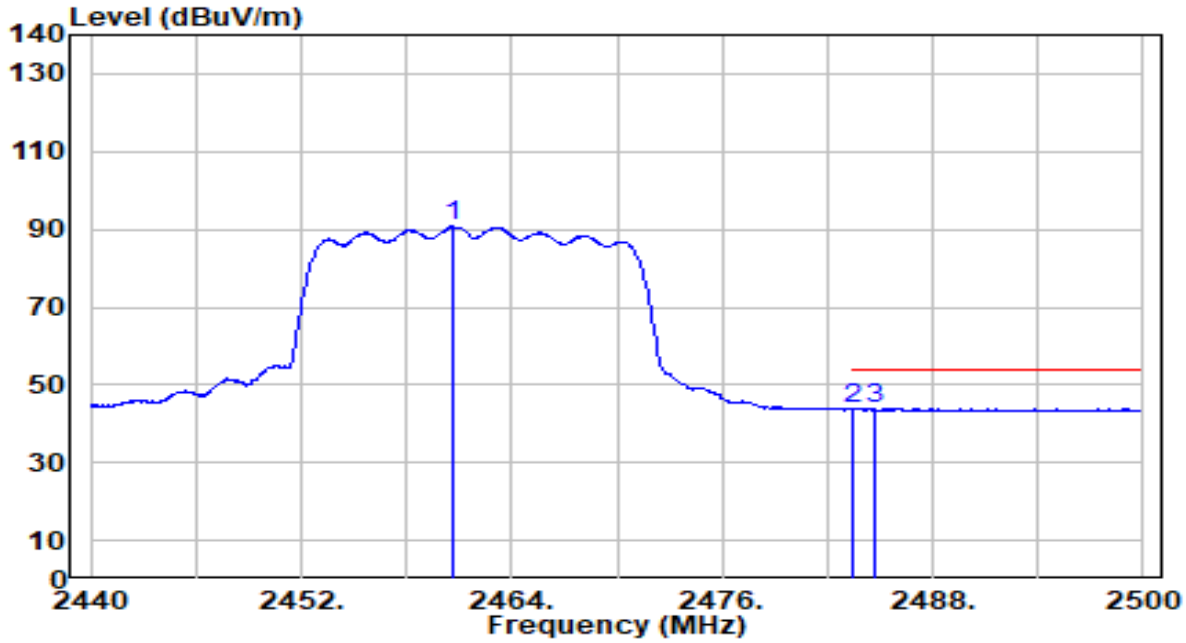


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.520	70.90	30.29	101.18	N/A	N/A	130	228	Peak
2		2483.500	25.77	30.32	56.09	-17.91	74.00	130	228	Peak
3	*	2486.500	28.22	30.32	58.54	-15.46	74.00	130	228	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

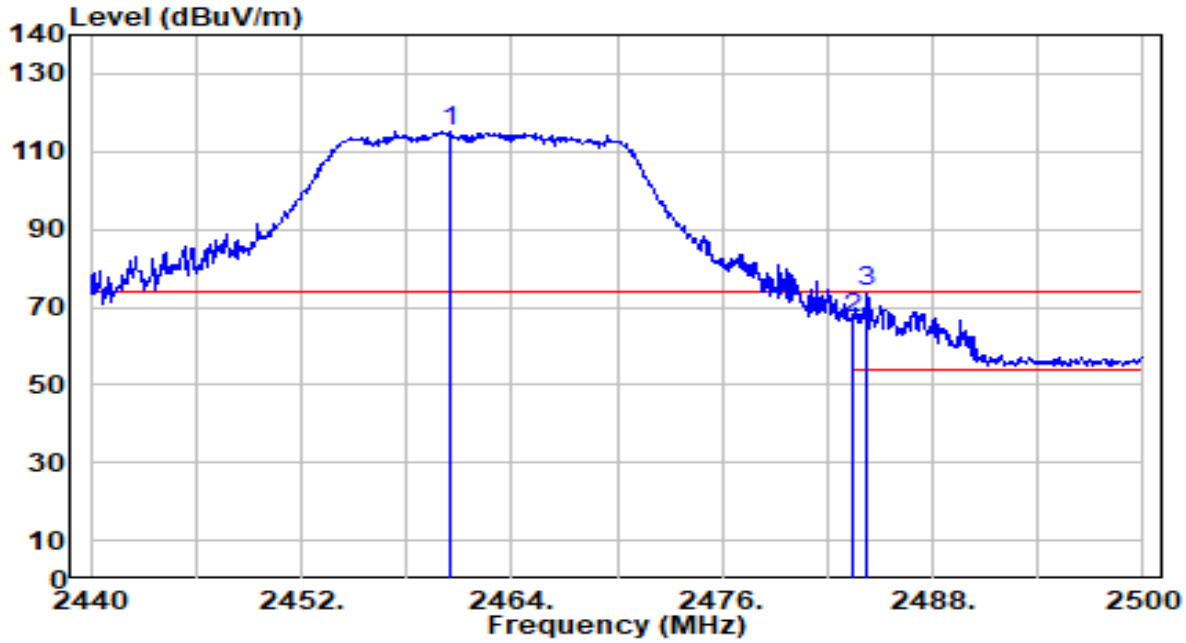


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.580	60.39	30.29	90.68	N/A	N/A	130	228	Average
2		2483.500	13.38	30.32	43.69	-10.31	54.00	130	228	Average
3	*	2484.700	13.52	30.32	43.84	-10.16	54.00	130	228	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

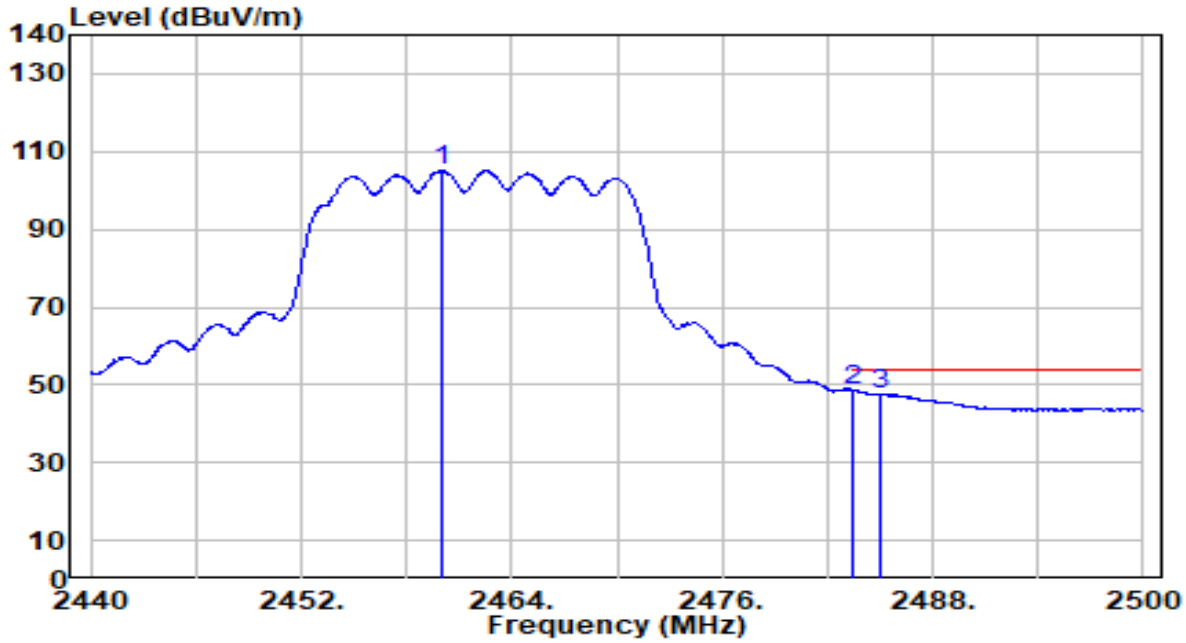


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.520	84.85	30.29	115.13	N/A	N/A	200	7	Peak
2		2483.500	36.79	30.32	67.11	-6.89	74.00	200	7	Peak
3	*	2484.280	43.40	30.32	73.72	-0.28	74.00	200	7	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

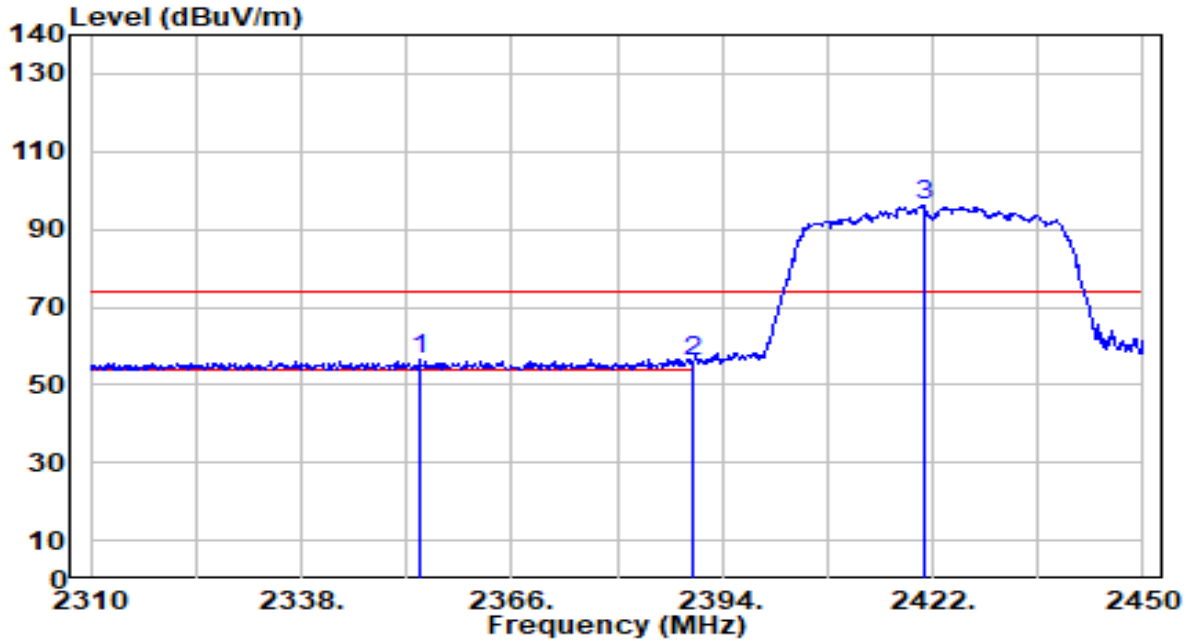


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.040	74.84	30.29	105.13	N/A	N/A	200	7	Average
2	*	2483.500	18.45	30.32	48.77	-5.23	54.00	200	7	Average
3		2484.940	17.40	30.32	47.72	-6.28	54.00	200	7	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

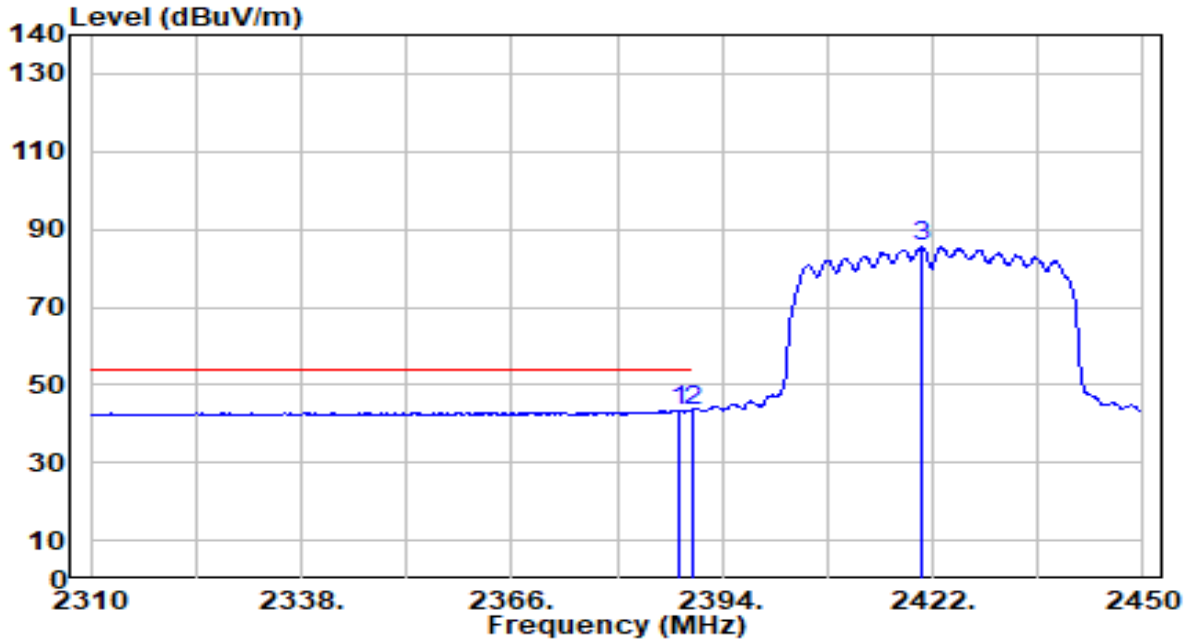


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2353.820	26.54	30.08	56.61	-17.39	74.00	163	271	Peak
2		2390.000	25.68	30.18	55.86	-18.14	74.00	163	271	Peak
3		2420.740	65.82	30.24	96.06	N/A	N/A	163	271	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

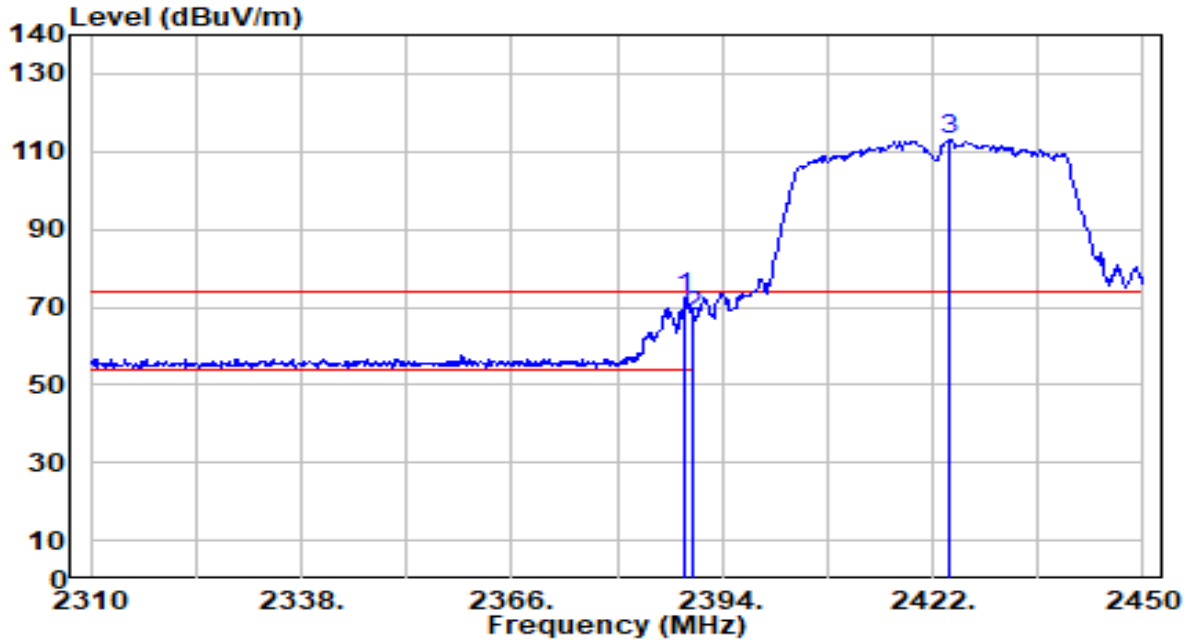


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.260	13.33	30.17	43.50	-10.50	54.00	163	271	Average
2	*	2390.000	13.32	30.18	43.50	-10.50	54.00	163	271	Average
3		2420.460	55.19	30.24	85.43	N/A	N/A	163	271	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

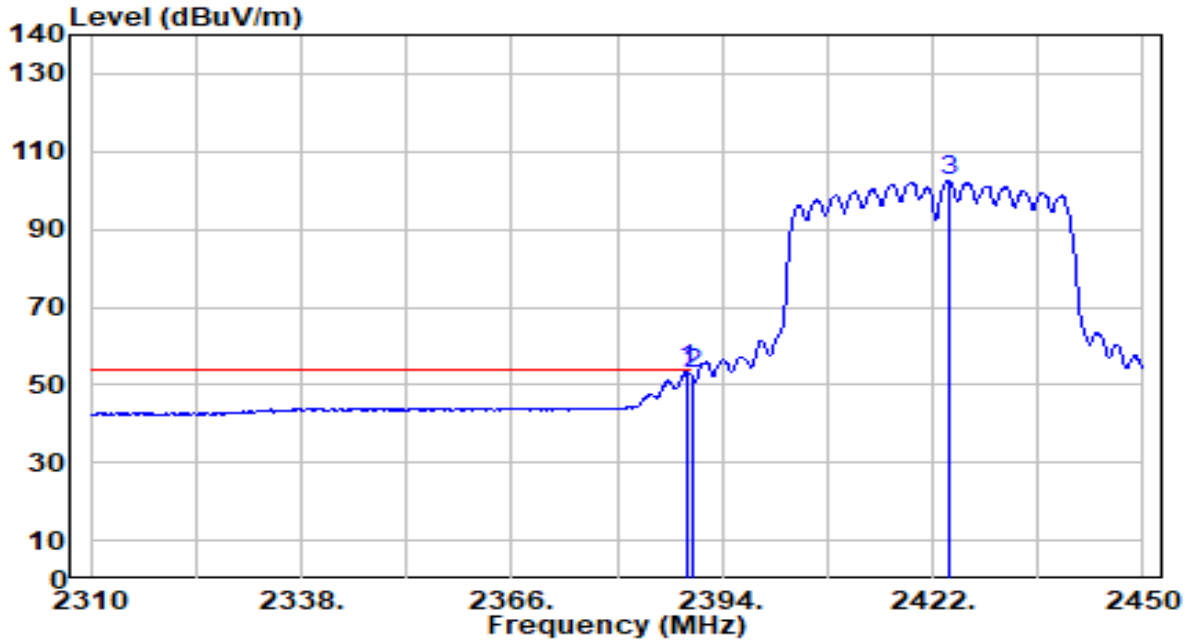


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.960	42.11	30.18	72.28	-1.72	74.00	206	181	Peak
2		2390.000	37.21	30.18	67.39	-6.61	74.00	206	181	Peak
3		2424.240	82.85	30.24	113.09	N/A	N/A	206	181	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

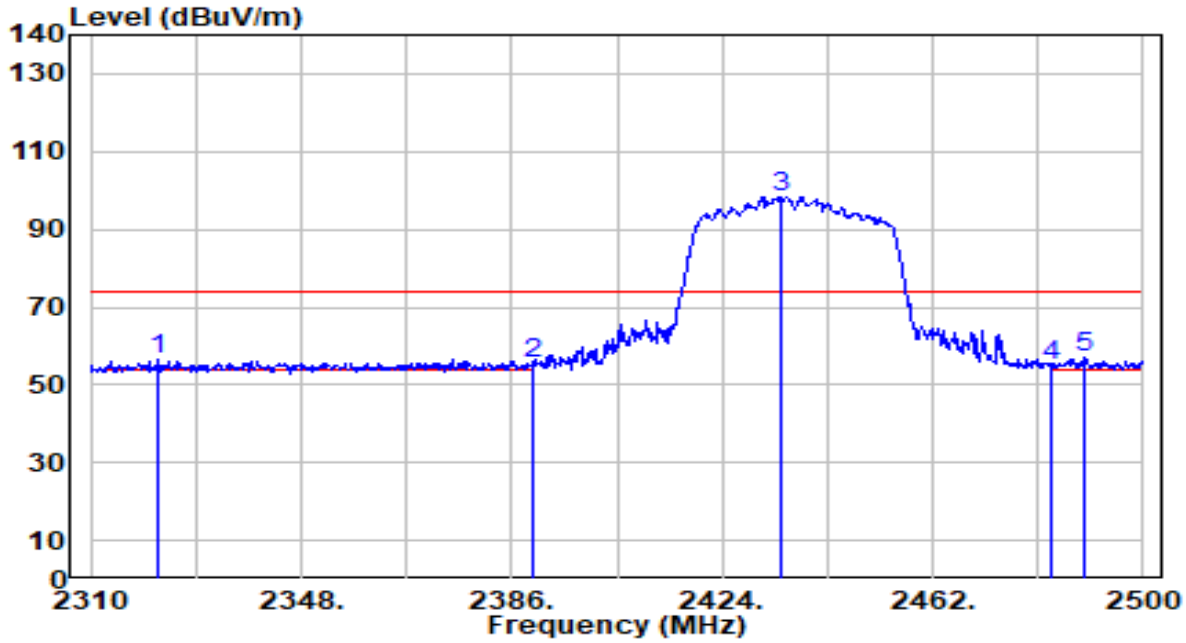


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.380	23.57	30.18	53.75	-0.25	54.00	206	181	Average
2		2390.000	22.45	30.18	52.63	-1.37	54.00	206	181	Average
3		2424.100	72.15	30.24	102.39	N/A	N/A	206	181	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

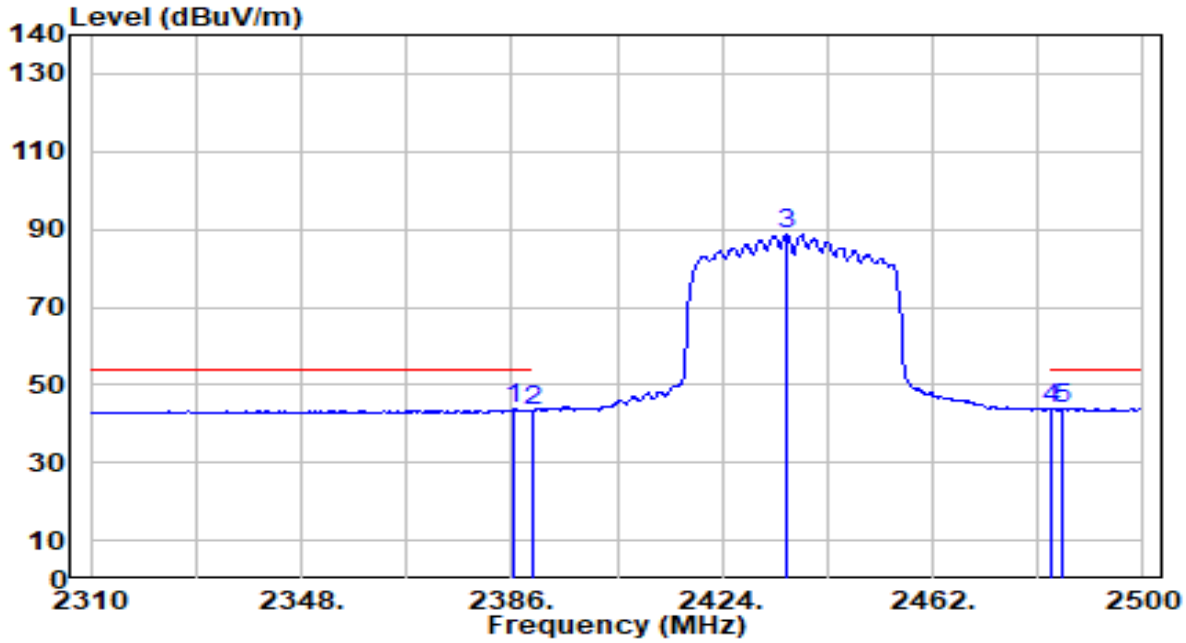


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2322.350	26.58	29.99	56.57	-17.43	74.00	200	44	Peak
2		2390.000	25.09	30.18	55.27	-18.73	74.00	200	44	Peak
3		2434.450	68.24	30.25	98.49	N/A	N/A	200	44	Peak
4		2483.500	24.87	30.32	55.18	-18.82	74.00	200	44	Peak
5	*	2489.170	26.58	30.33	56.90	-17.10	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

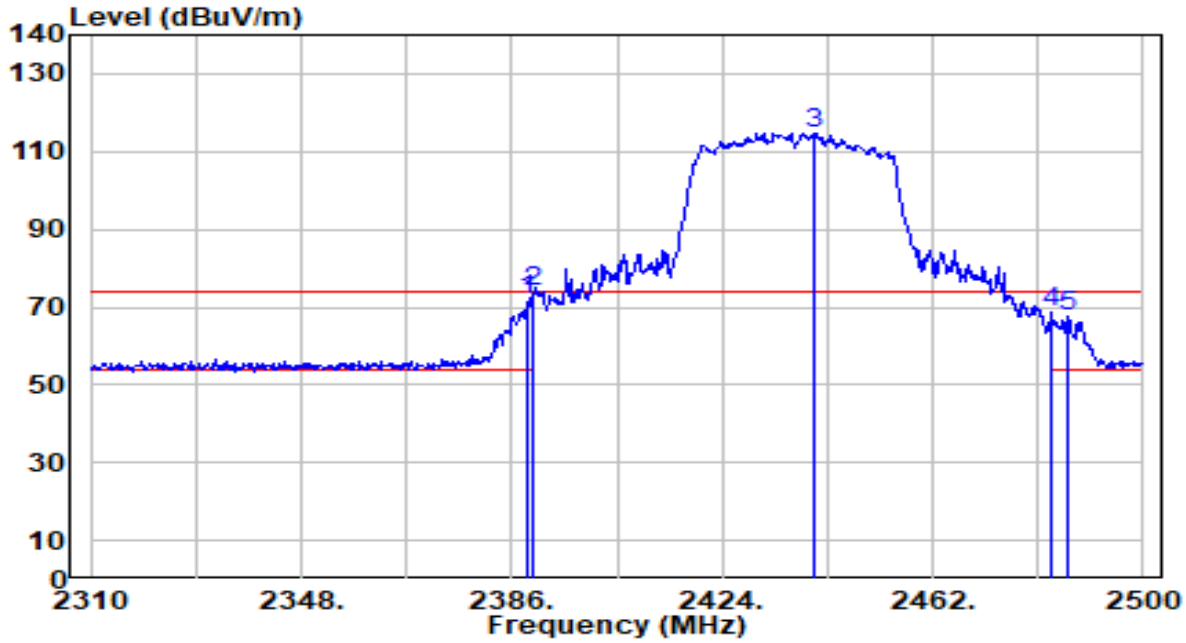


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2386.190	13.48	30.17	43.65	-10.35	54.00	200	44	Average
2		2390.000	13.37	30.18	43.55	-10.45	54.00	200	44	Average
3		2435.780	58.36	30.26	88.61	N/A	N/A	200	44	Average
4		2483.500	13.31	30.32	43.63	-10.37	54.00	200	44	Average
5	*	2485.180	13.72	30.32	44.04	-9.96	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

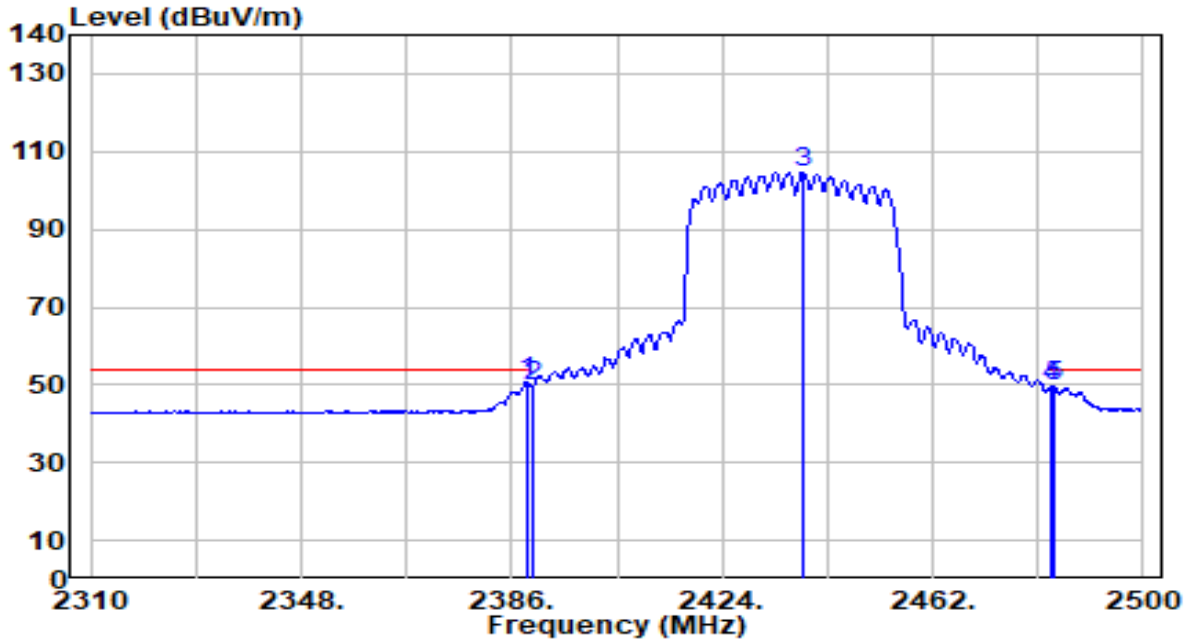


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.850	41.60	30.18	71.78	-2.22	74.00	190	9	Peak
2		2390.000	43.61	30.18	73.79	-0.21	74.00	190	9	Peak
3	*	2440.530	84.62	30.26	114.88	N/A	N/A	190	9	Peak
4		2483.500	38.57	30.32	68.88	-5.12	74.00	190	9	Peak
5		2486.510	37.46	30.32	67.78	-6.22	74.00	190	9	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

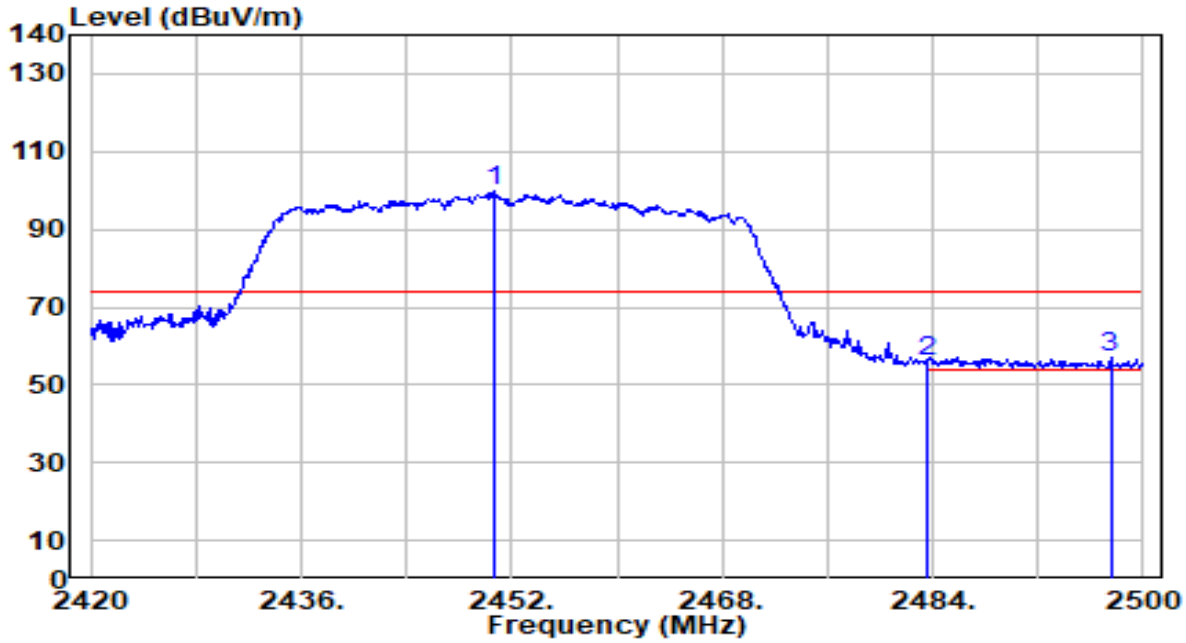


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.660	20.43	30.18	50.61	-3.39	54.00	190	9	Average
2		2390.000	19.46	30.18	49.64	-4.36	54.00	190	9	Average
3		2438.630	74.56	30.26	104.81	N/A	N/A	190	9	Average
4		2483.500	19.55	30.32	49.87	-4.13	54.00	190	9	Average
5		2484.040	19.28	30.32	49.60	-4.40	54.00	190	9	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

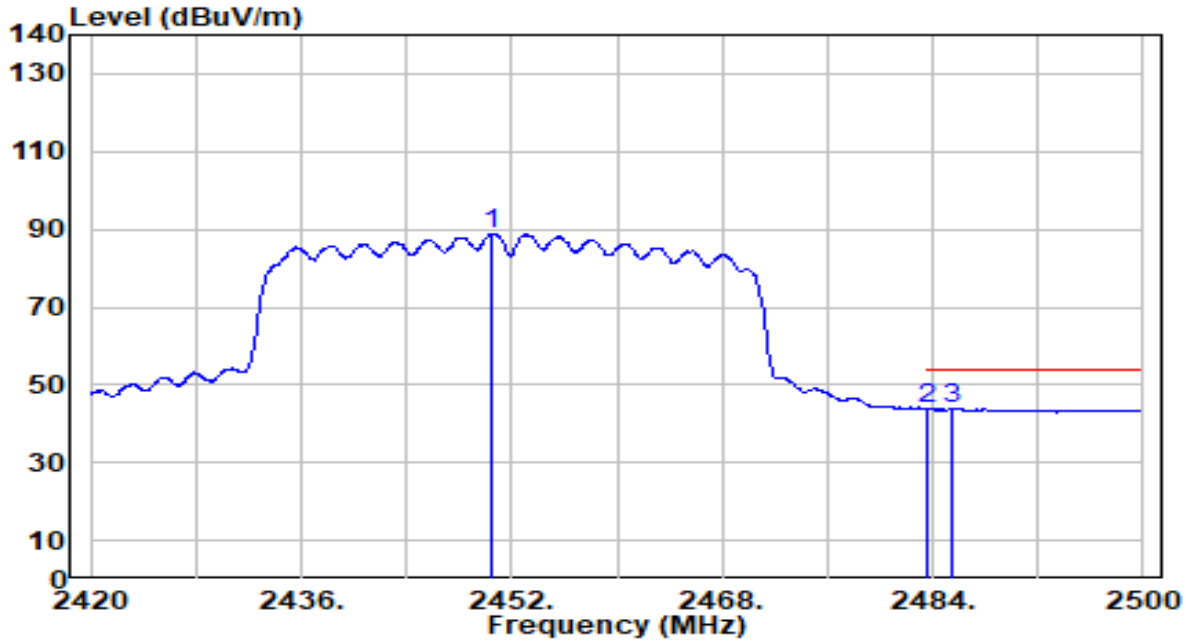


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.640	69.41	30.27	99.68	N/A	N/A	139	113	Peak
2		2483.500	25.47	30.32	55.78	-18.22	74.00	139	113	Peak
3	*	2497.520	26.59	30.34	56.92	-17.08	74.00	139	113	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

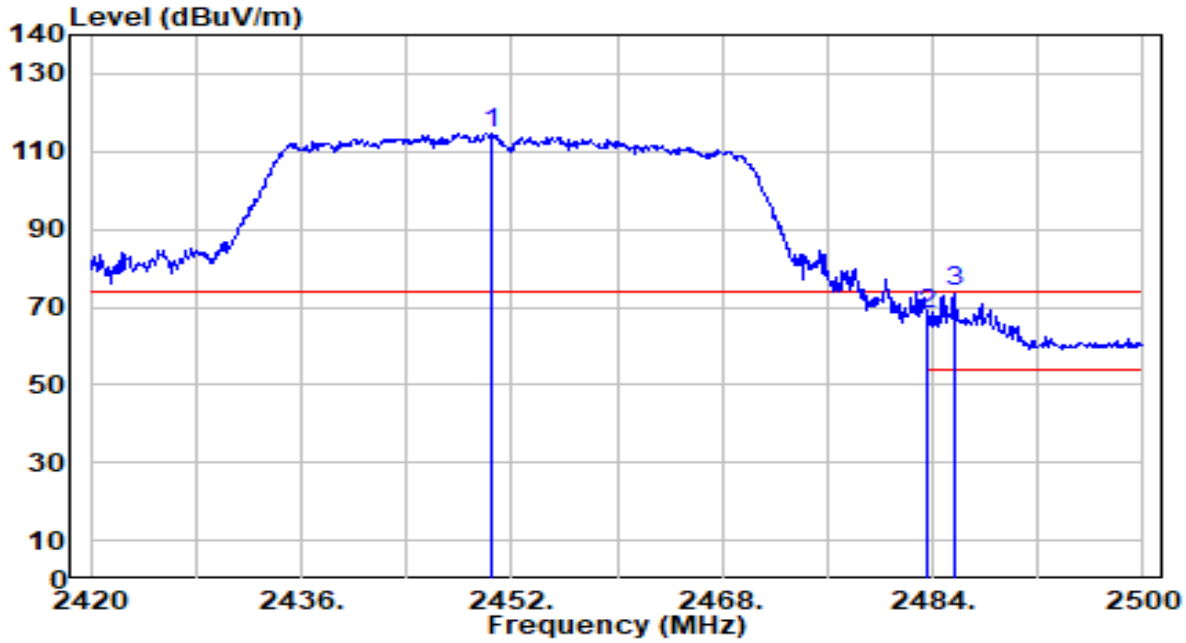


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.560	58.67	30.27	88.94	N/A	N/A	139	113	Average
2	*	2483.500	13.46	30.32	43.78	-10.22	54.00	139	113	Average
3		2485.520	13.45	30.32	43.77	-10.23	54.00	139	113	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

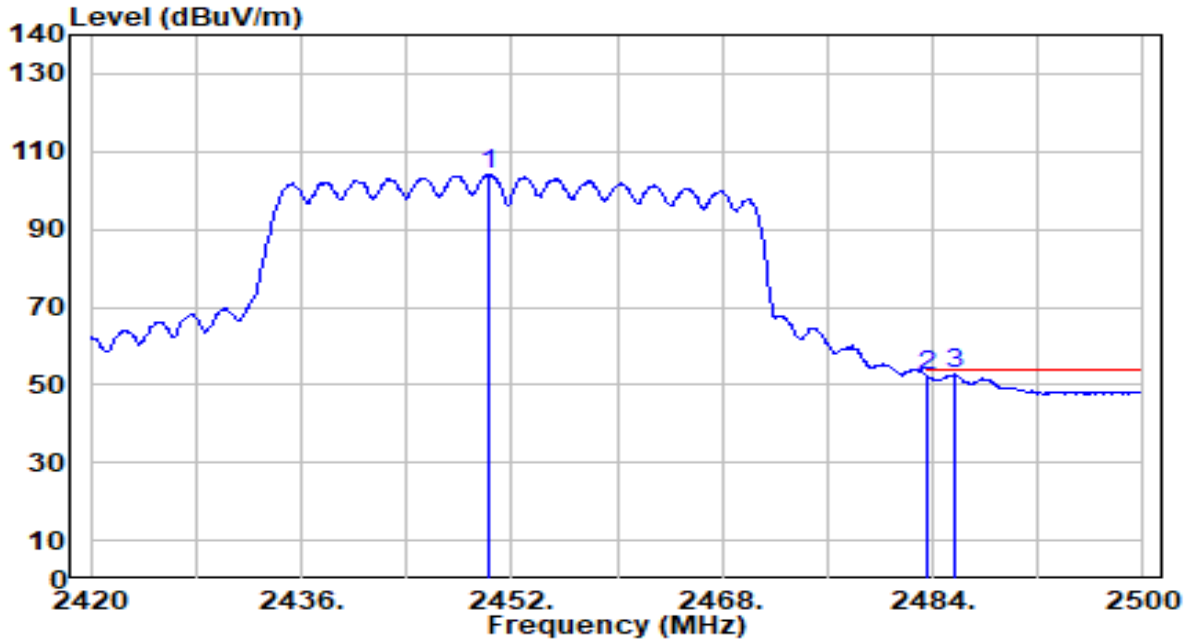


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.480	84.25	30.27	114.53	N/A	N/A	212	0	Peak
2		2483.500	37.75	30.32	68.07	-5.93	74.00	212	0	Peak
3	*	2485.600	43.44	30.32	73.76	-0.24	74.00	212	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11n-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

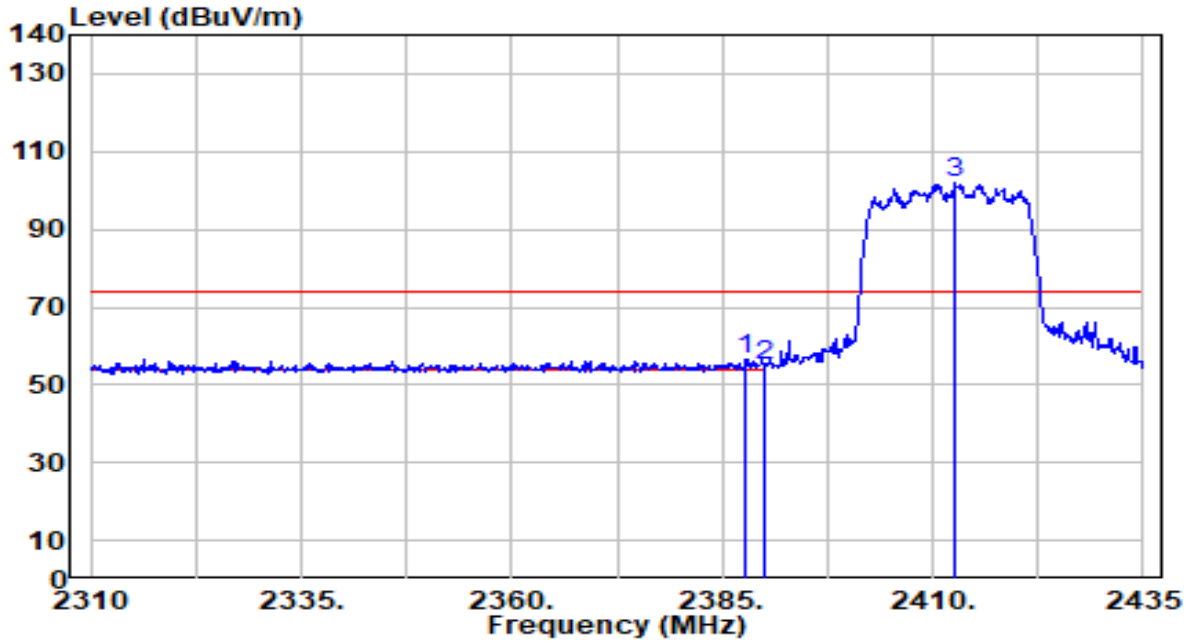


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.240	74.04	30.27	104.31	N/A	N/A	212	0	Average
2		2483.500	22.22	30.32	52.54	-1.46	54.00	212	0	Average
3	*	2485.680	22.33	30.32	52.65	-1.35	54.00	212	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

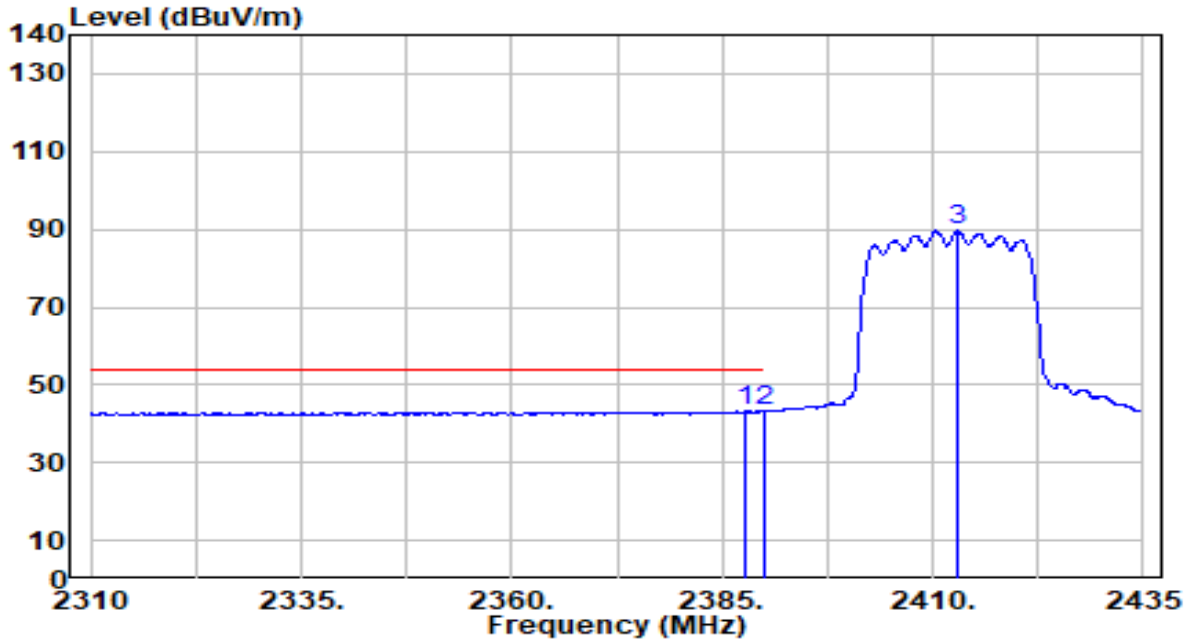


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.875	26.58	30.17	56.75	-17.25	74.00	130	228	Peak
2		2390.000	24.59	30.18	54.77	-19.23	74.00	130	228	Peak
3		2412.750	71.48	30.22	101.70	N/A	N/A	130	228	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

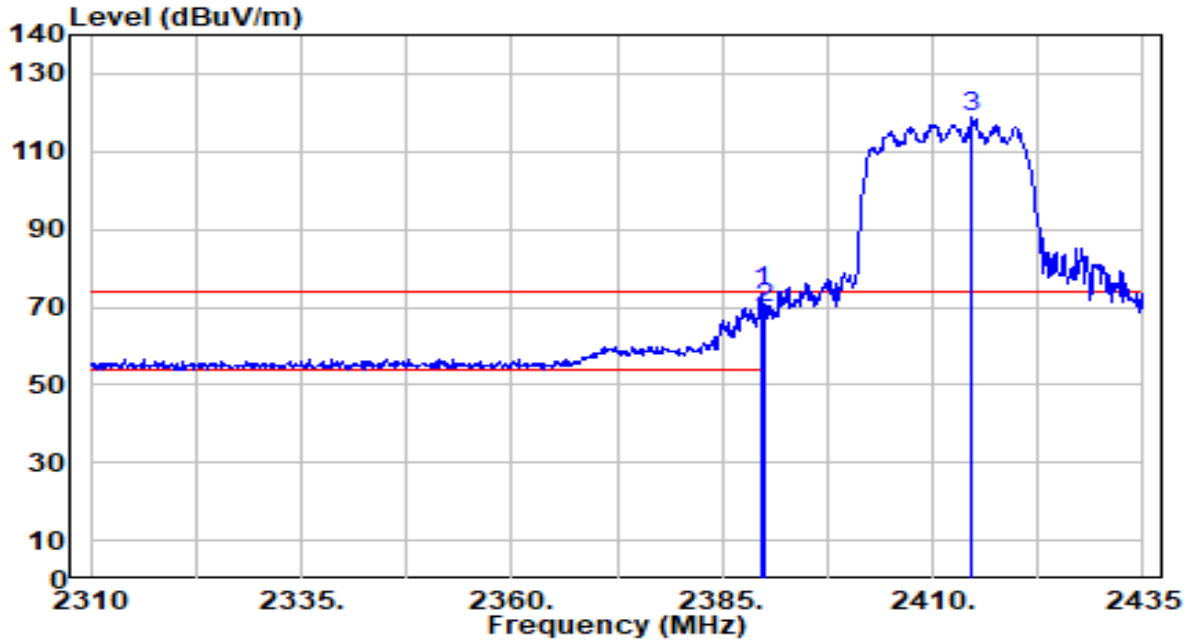


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.750	13.07	30.17	43.24	-10.76	54.00	130	228	Average
2	*	2390.000	13.16	30.18	43.34	-10.66	54.00	130	228	Average
3		2413.000	59.58	30.23	89.81	N/A	N/A	130	228	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

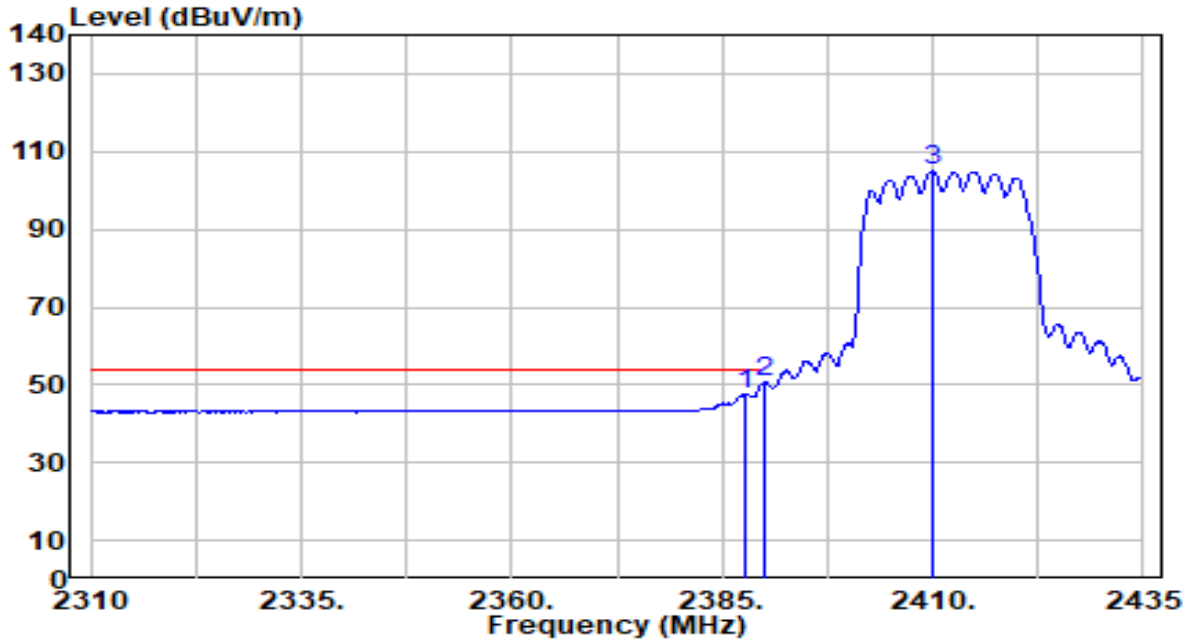


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.625	43.58	30.18	73.76	-0.24	74.00	196	7	Peak
2		2390.000	39.76	30.18	69.94	-4.06	74.00	196	7	Peak
3		2414.625	88.66	30.23	118.89	N/A	N/A	196	7	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 1_ANT 0+1	Test Voltage	AC 120V/60Hz

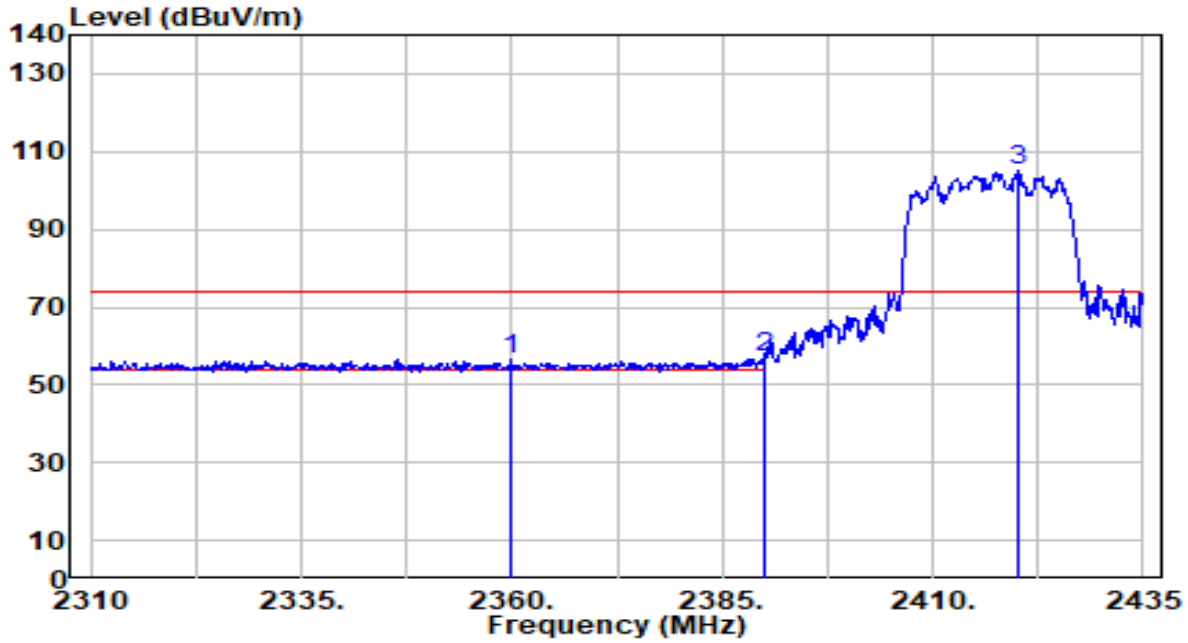


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.750	17.54	30.17	47.72	-6.28	54.00	196	7	Average
2	*	2390.000	20.31	30.18	50.49	-3.51	54.00	196	7	Average
3		2410.000	74.73	30.22	104.95	N/A	N/A	196	7	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

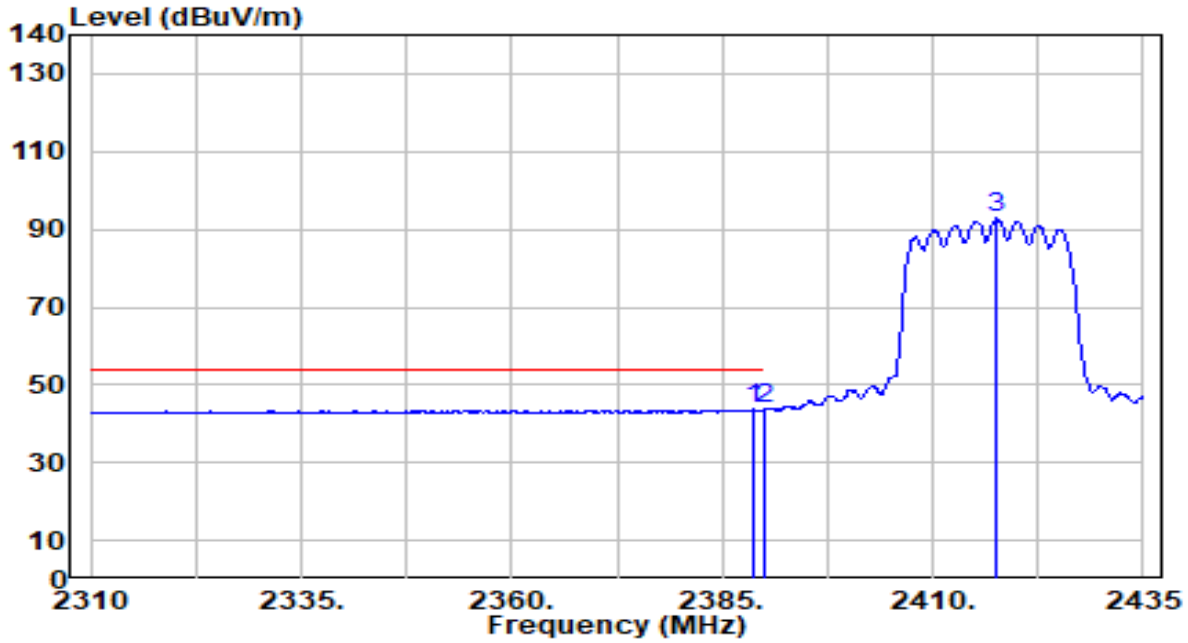


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2359.875	26.44	30.09	56.54	-17.46	74.00	304	87	Peak
2	*	2390.000	27.05	30.18	57.23	-16.77	74.00	304	87	Peak
3		2420.250	75.09	30.23	105.32	N/A	N/A	304	87	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

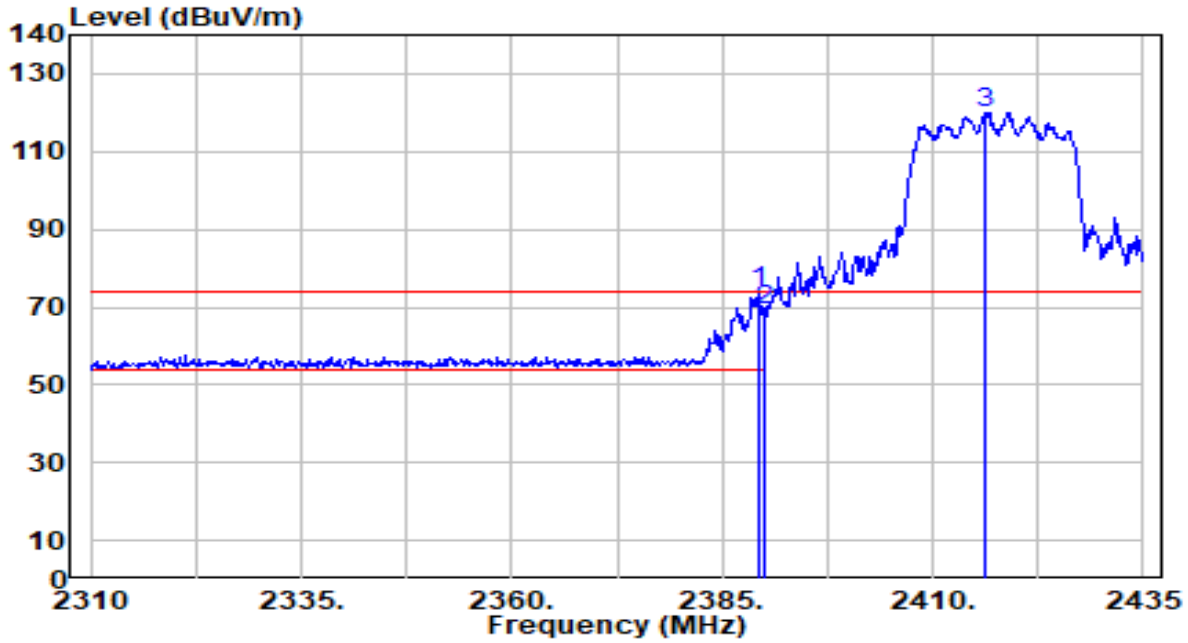


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.750	13.43	30.18	43.61	-10.39	54.00	304	87	Average
2	*	2390.000	13.48	30.18	43.66	-10.34	54.00	304	87	Average
3		2417.625	62.50	30.23	92.73	N/A	N/A	304	87	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

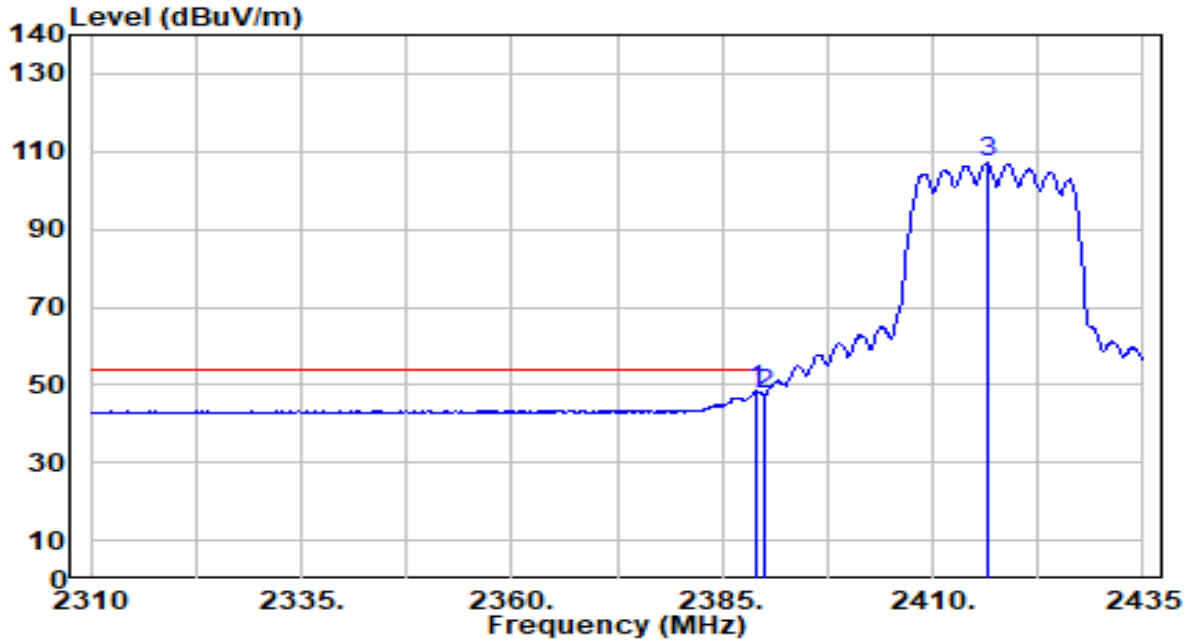


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.250	43.55	30.18	73.73	-0.27	74.00	208	0	Peak
2		2390.000	39.23	30.18	69.41	-4.59	74.00	208	0	Peak
3		2416.125	89.95	30.23	120.18	N/A	N/A	208	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 2_ANT 0+1	Test Voltage	AC 120V/60Hz

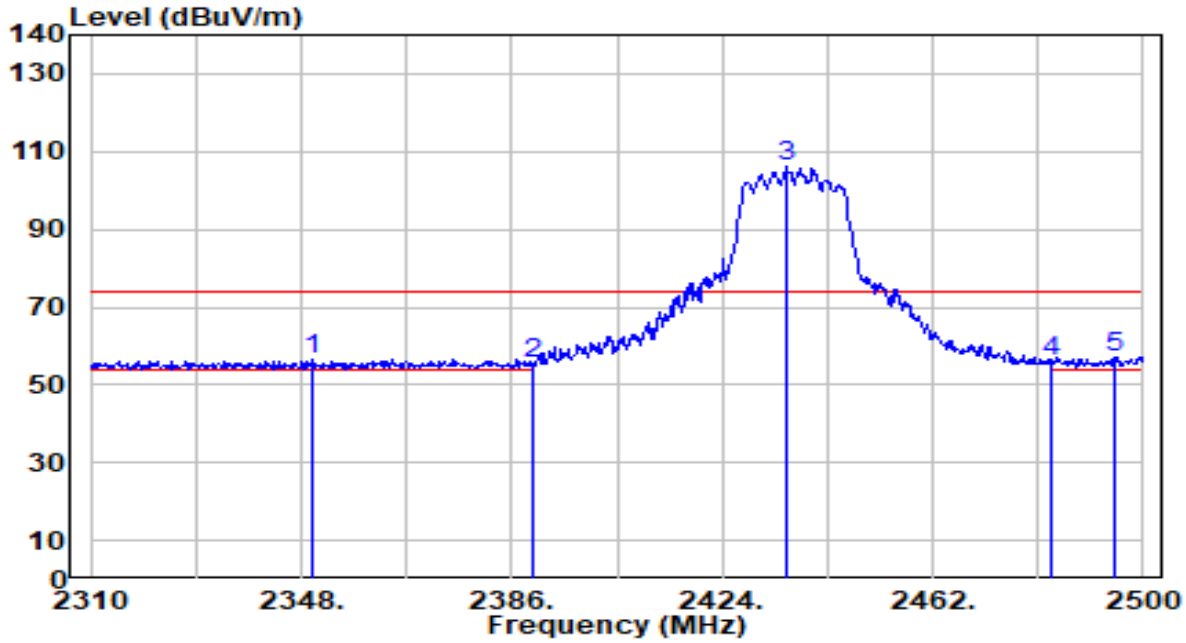


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2389.000	18.30	30.18	48.47	-5.53	54.00	208	0	Average
2		2390.000	17.31	30.18	47.49	-6.51	54.00	208	0	Average
3		2416.500	76.78	30.23	107.01	N/A	N/A	208	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

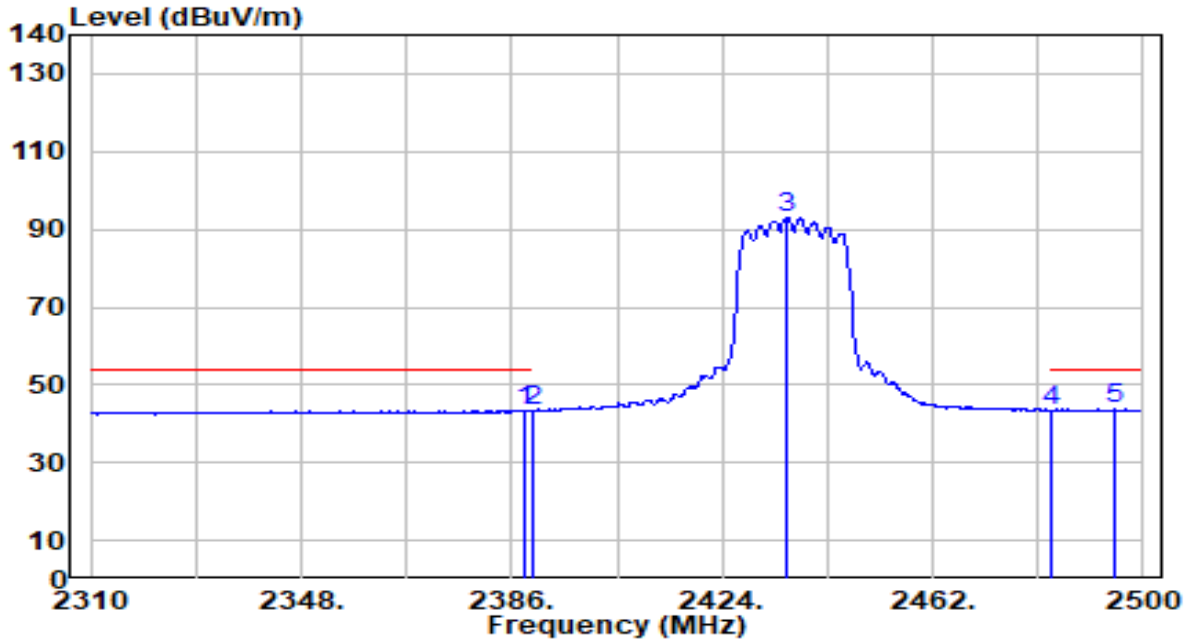


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2350.090	26.53	30.07	56.60	-17.40	74.00	200	44	Peak
2		2390.000	25.10	30.18	55.28	-18.72	74.00	200	44	Peak
3		2435.590	75.70	30.25	105.96	N/A	N/A	200	44	Peak
4		2483.500	25.92	30.32	56.24	-17.76	74.00	200	44	Peak
5	*	2495.060	26.85	30.33	57.18	-16.82	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

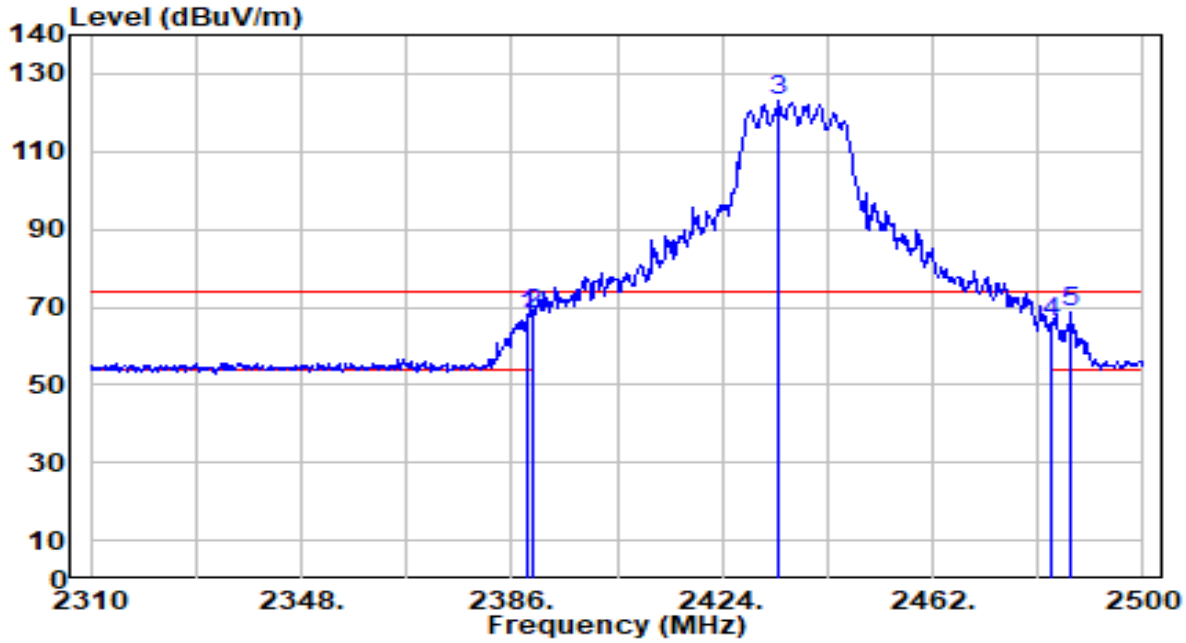


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.470	13.39	30.18	43.57	-10.43	54.00	200	44	Average
2		2390.000	13.14	30.18	43.32	-10.68	54.00	200	44	Average
3		2435.590	62.93	30.25	93.19	N/A	N/A	200	44	Average
4		2483.500	13.17	30.32	43.48	-10.52	54.00	200	44	Average
5	*	2495.060	13.47	30.33	43.81	-10.19	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

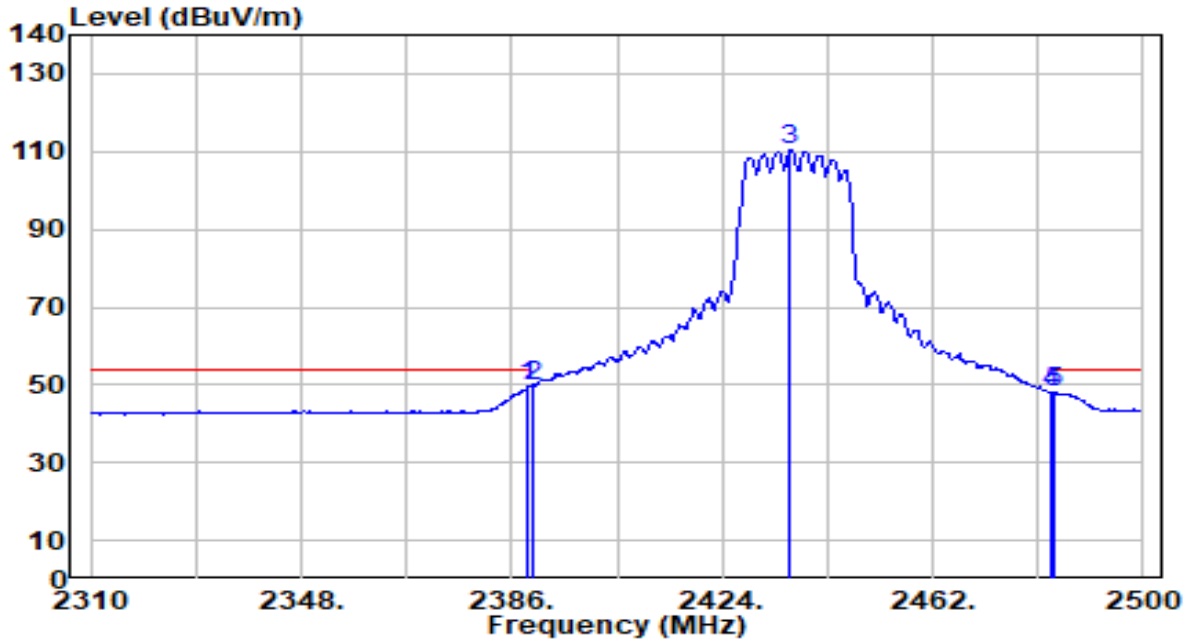


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2388.850	37.43	30.18	67.60	-6.40	74.00	190	0	Peak
2		2390.000	38.17	30.18	68.34	-5.66	74.00	190	0	Peak
3		2434.070	92.63	30.25	122.88	N/A	N/A	190	0	Peak
4		2483.500	35.59	30.32	65.91	-8.09	74.00	190	0	Peak
5	*	2486.890	38.27	30.32	68.59	-5.41	74.00	190	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

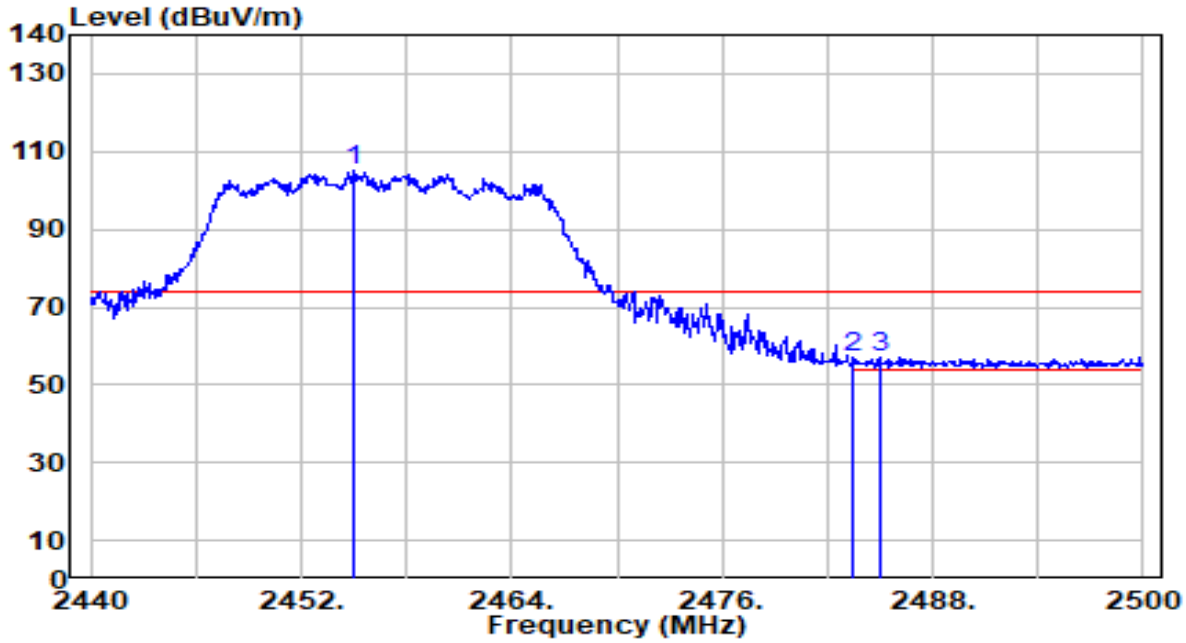


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2389.040	19.42	30.18	49.59	-4.41	54.00	190	0	Average
2	*	2390.000	19.74	30.18	49.92	-4.08	54.00	190	0	Average
3		2436.350	79.99	30.26	110.25	N/A	N/A	190	0	Average
4		2483.500	17.50	30.32	47.82	-6.18	54.00	190	0	Average
5		2484.040	17.72	30.32	48.04	-5.96	54.00	190	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

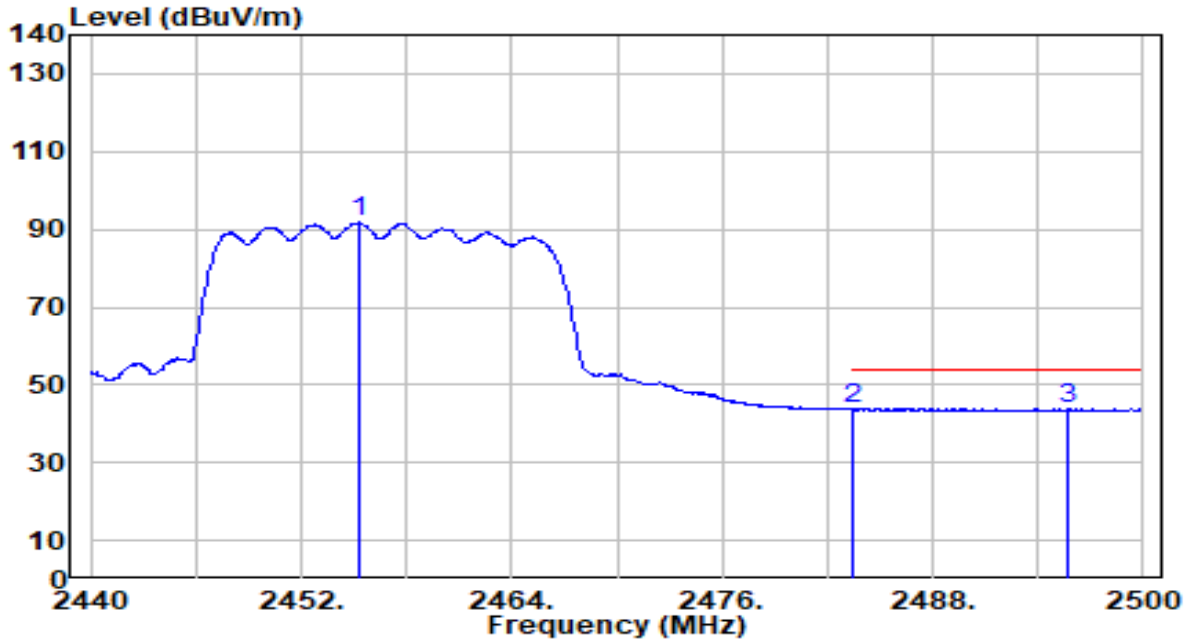


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2454.940	74.76	30.28	105.04	N/A	N/A	200	39	Peak
2		2483.500	26.54	30.32	56.86	-17.14	74.00	200	39	Peak
3	*	2484.940	26.58	30.32	56.90	-17.10	74.00	200	39	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

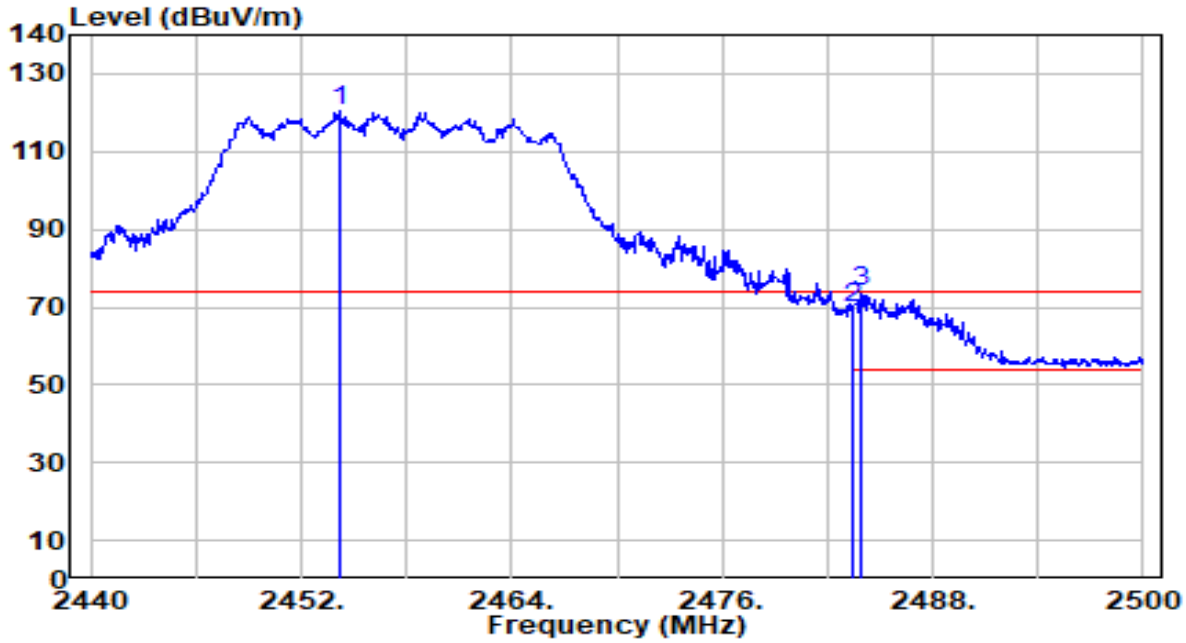


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2455.300	61.44	30.28	91.72	N/A	N/A	200	39	Average
2		2483.500	13.37	30.32	43.69	-10.31	54.00	200	39	Average
3	*	2495.740	13.50	30.33	43.83	-10.17	54.00	200	39	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

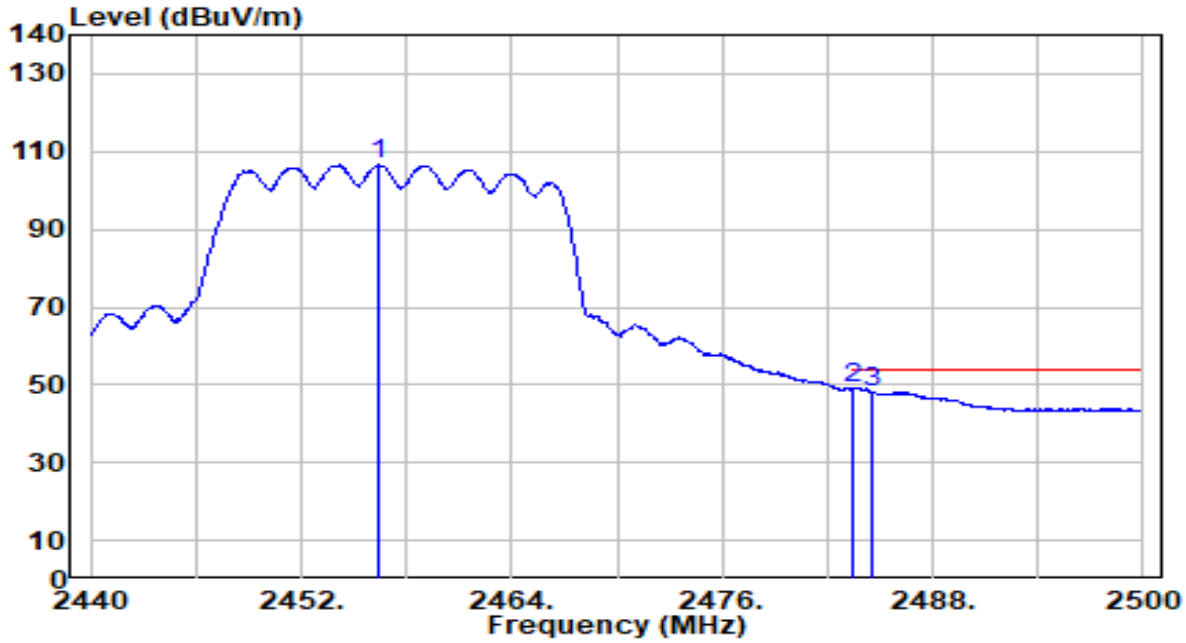


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2454.160	90.10	30.28	120.38	N/A	N/A	220	0	Peak
2		2483.500	39.33	30.32	69.65	-4.35	74.00	220	0	Peak
3	*	2483.980	43.46	30.32	73.78	-0.22	74.00	220	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 10_ANT 0+1	Test Voltage	AC 120V/60Hz

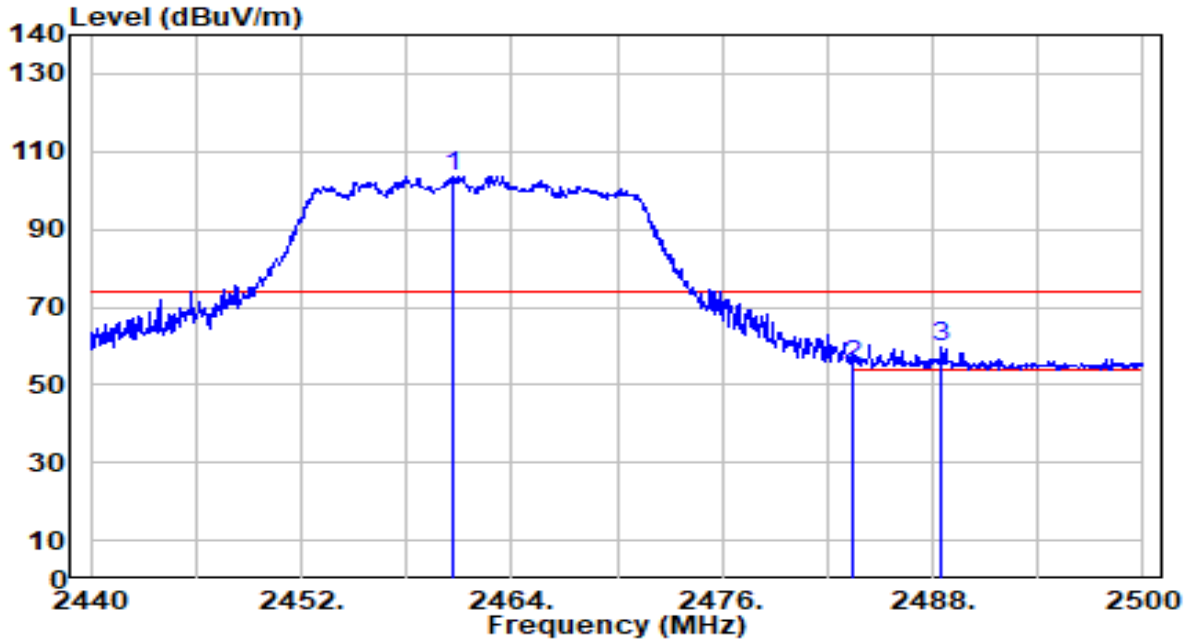


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2456.440	76.42	30.28	106.70	N/A	N/A	220	0	Average
2	*	2483.500	18.55	30.32	48.87	-5.13	54.00	220	0	Average
3		2484.520	17.85	30.32	48.17	-5.83	54.00	220	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

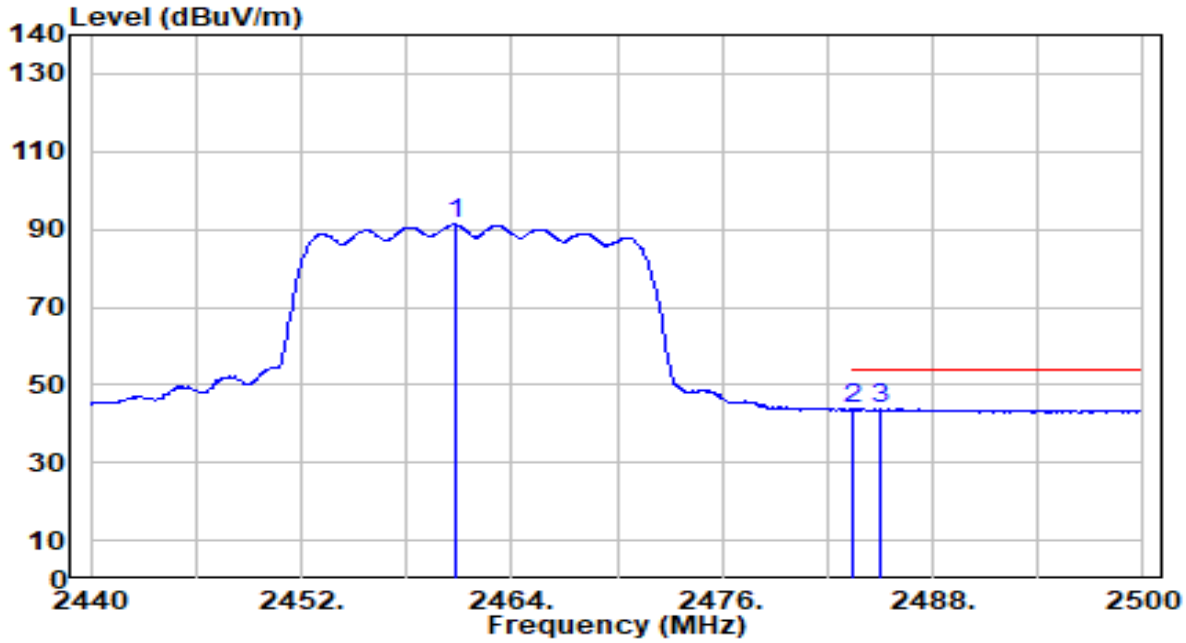


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.640	73.50	30.29	103.78	N/A	N/A	130	228	Peak
2		2483.500	24.82	30.32	55.14	-18.86	74.00	130	228	Peak
3	*	2488.480	29.48	30.32	59.81	-14.19	74.00	130	228	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

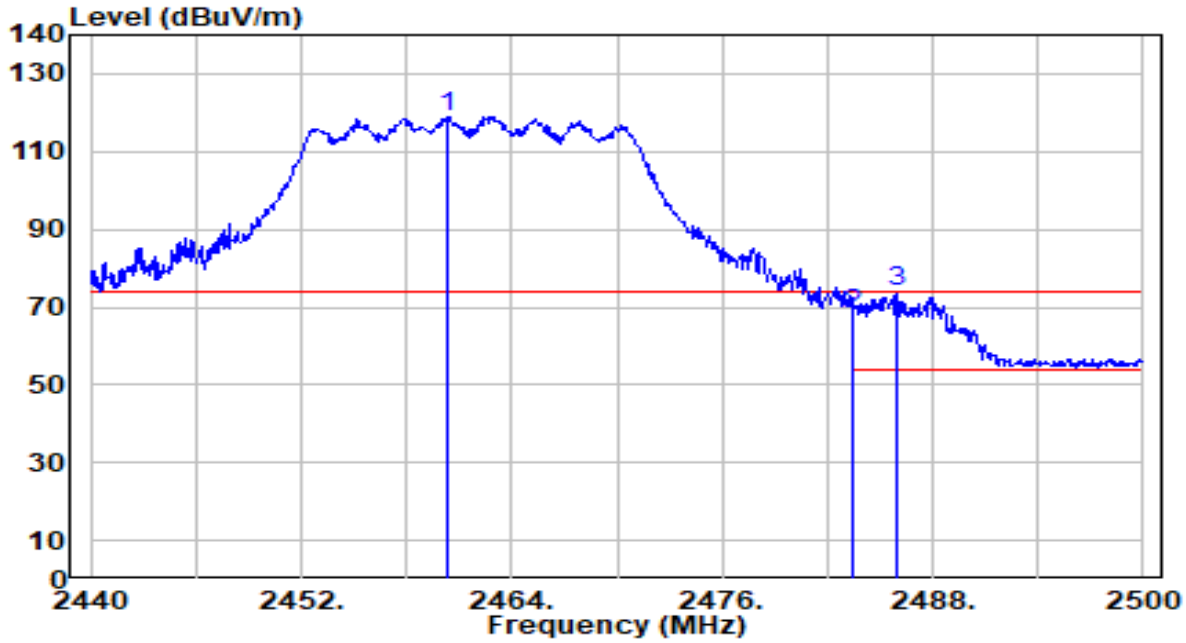


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.880	60.96	30.29	91.25	N/A	N/A	130	228	Average
2		2483.500	13.30	30.32	43.62	-10.38	54.00	130	228	Average
3	*	2485.000	13.50	30.32	43.82	-10.18	54.00	130	228	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

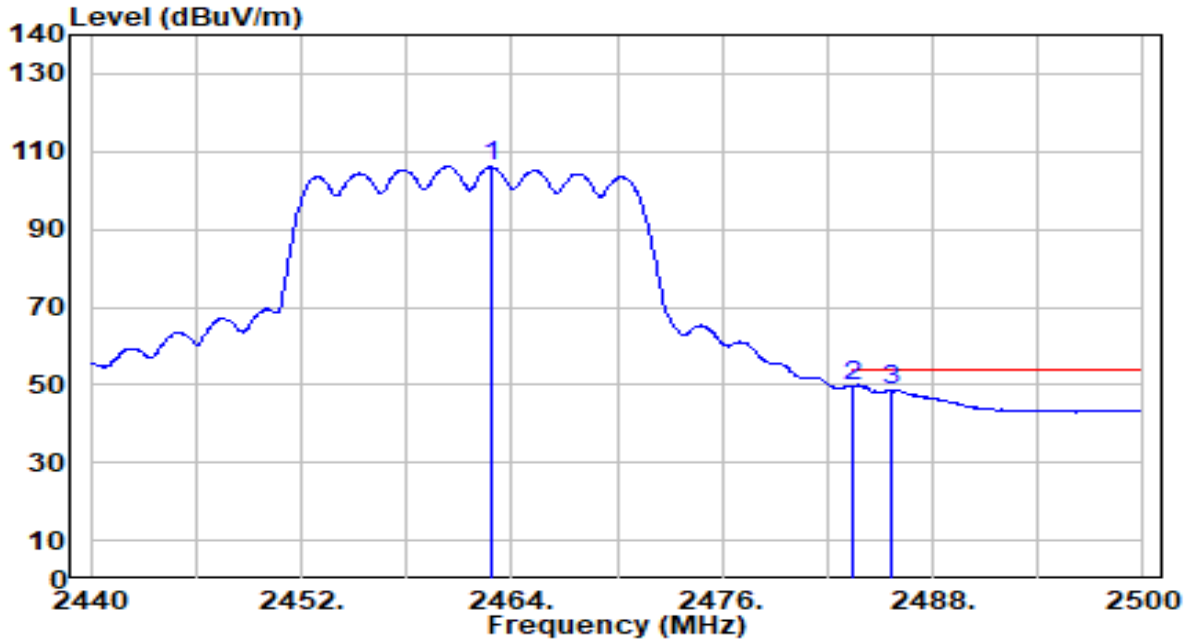


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2460.280	88.73	30.29	119.02	N/A	N/A	200	0	Peak
2		2483.500	37.84	30.32	68.15	-5.85	74.00	200	0	Peak
3	*	2485.900	43.43	30.32	73.75	-0.25	74.00	200	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-20MHz_TX_CH 11_ANT 0+1	Test Voltage	AC 120V/60Hz

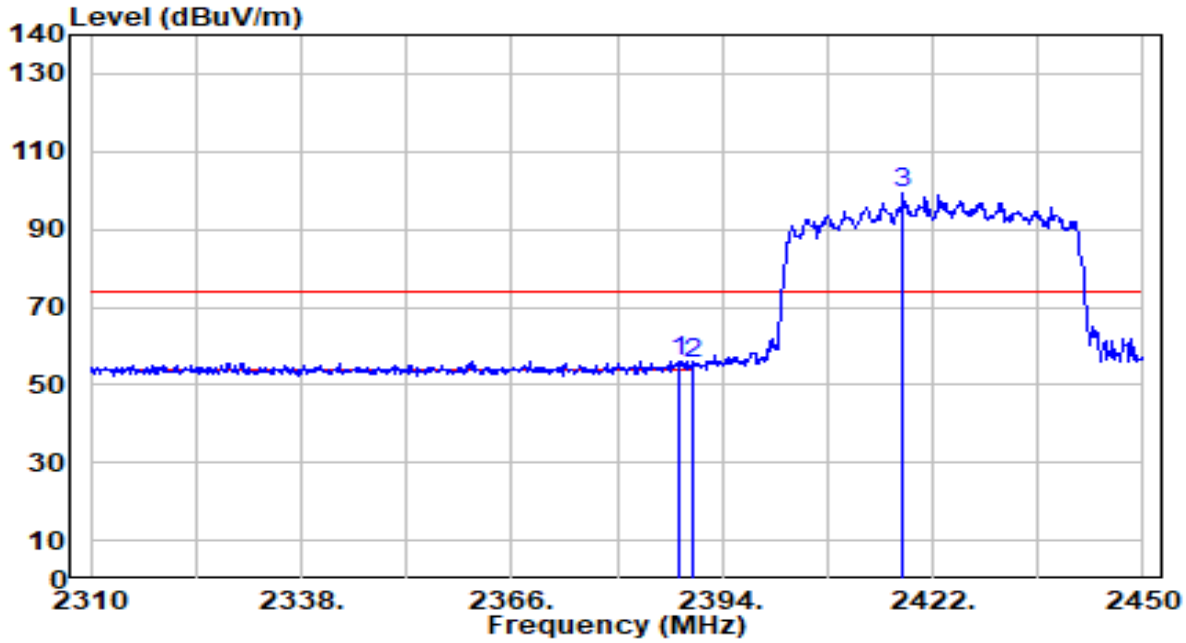


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2462.920	75.79	30.29	106.09	N/A	N/A	200	0	Average
2	*	2483.500	19.57	30.32	49.89	-4.11	54.00	200	0	Average
3		2485.600	18.33	30.32	48.65	-5.35	54.00	200	0	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

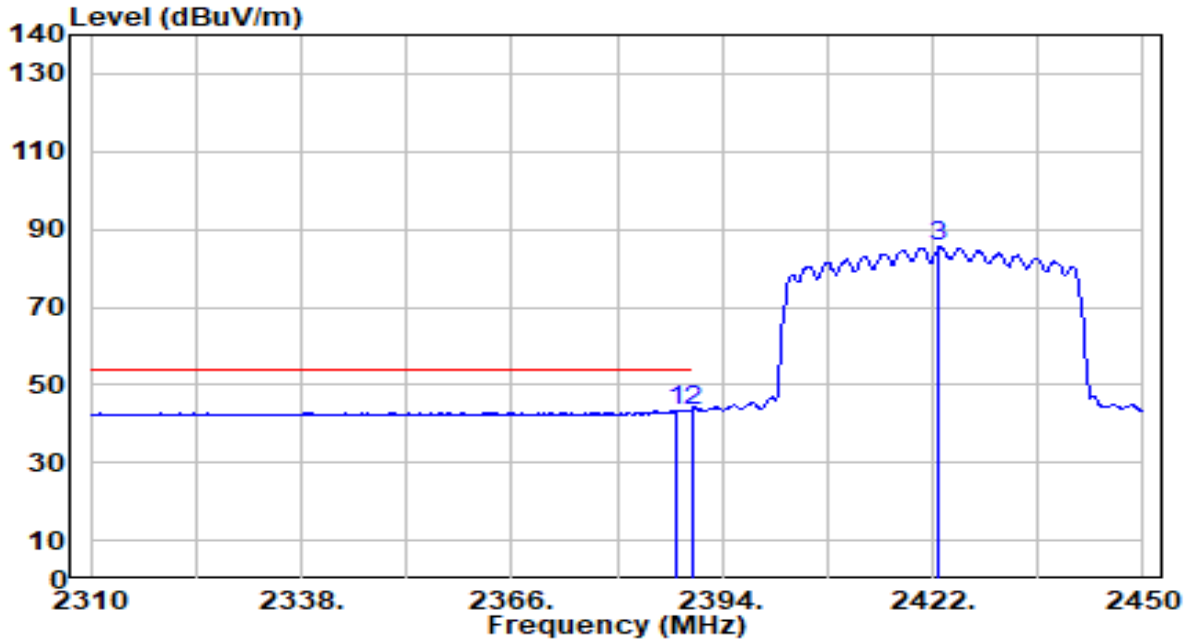


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.400	26.01	30.18	56.19	-17.81	74.00	163	271	Peak
2		2390.000	25.19	30.18	55.37	-18.63	74.00	163	271	Peak
3		2418.080	69.13	30.23	99.37	N/A	N/A	163	271	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

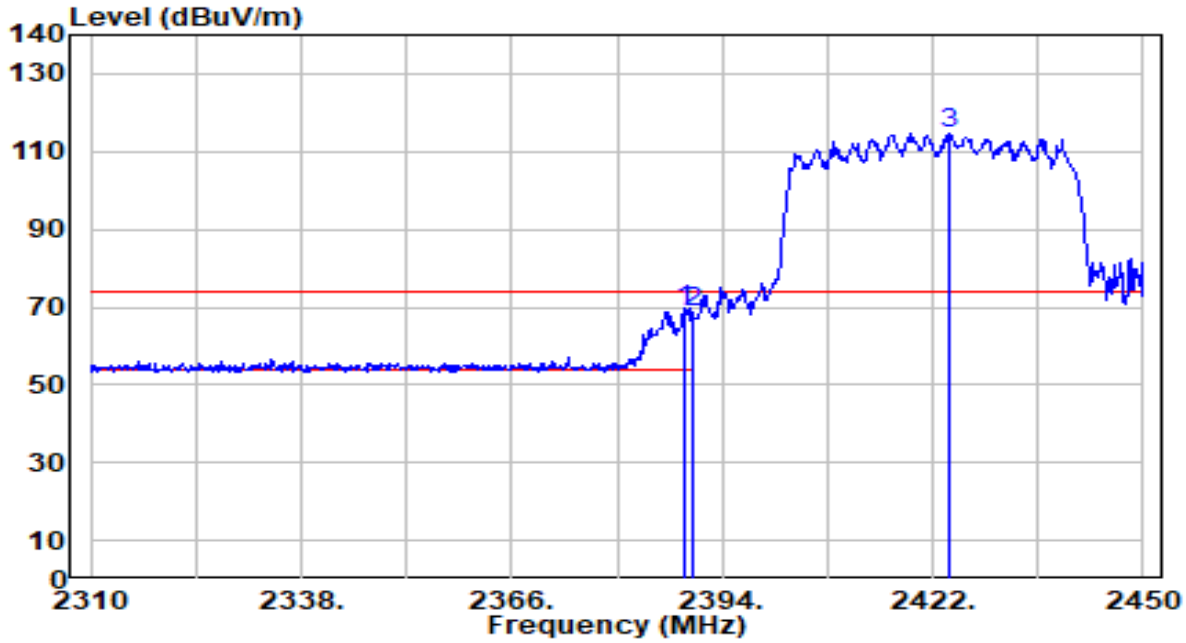


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2387.980	13.29	30.17	43.46	-10.54	54.00	163	271	Average
2		2390.000	13.24	30.18	43.42	-10.58	54.00	163	271	Average
3		2422.840	55.15	30.24	85.39	N/A	N/A	163	271	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

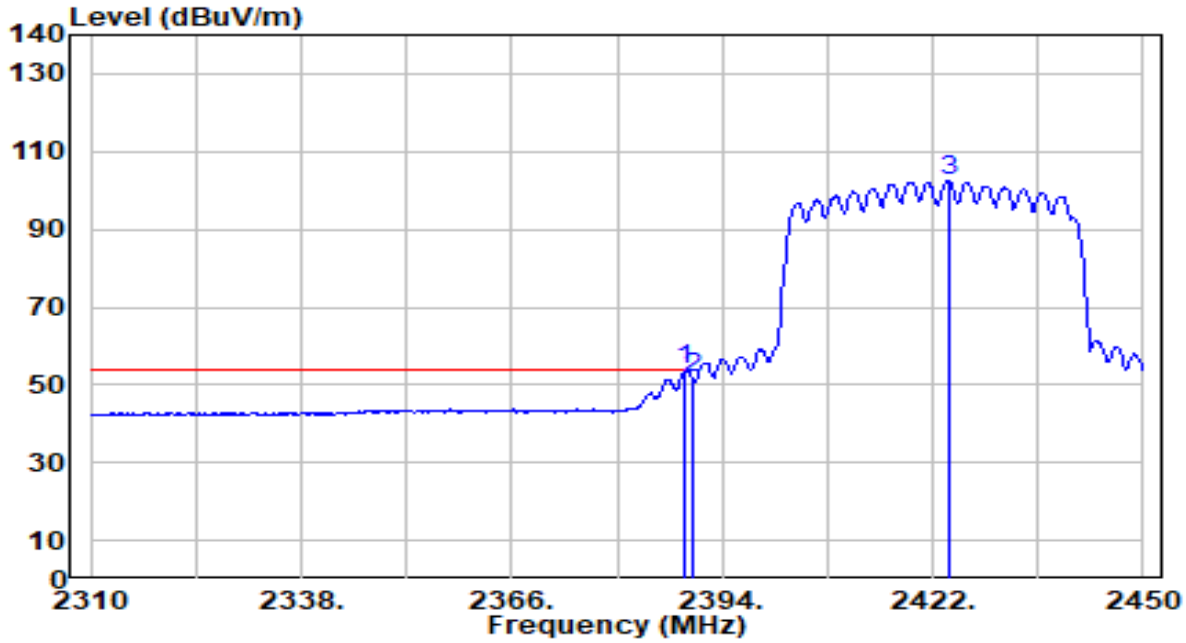


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.960	39.24	30.18	69.42	-4.58	74.00	206	181	Peak
2		2390.000	38.59	30.18	68.77	-5.23	74.00	206	181	Peak
3		2424.100	84.43	30.24	114.67	N/A	N/A	206	181	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 3_ANT 0+1	Test Voltage	AC 120V/60Hz

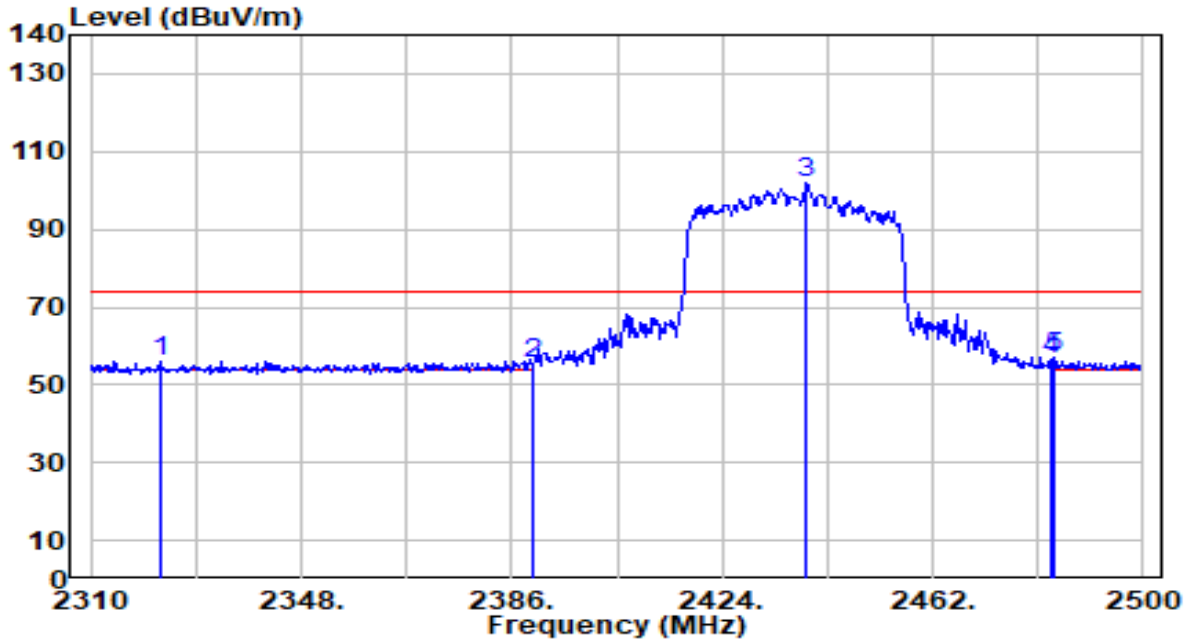


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2388.820	23.54	30.18	53.71	-0.29	54.00	206	181	Average
2		2390.000	21.84	30.18	52.02	-1.98	54.00	206	181	Average
3		2424.100	72.18	30.24	102.42	N/A	N/A	206	181	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

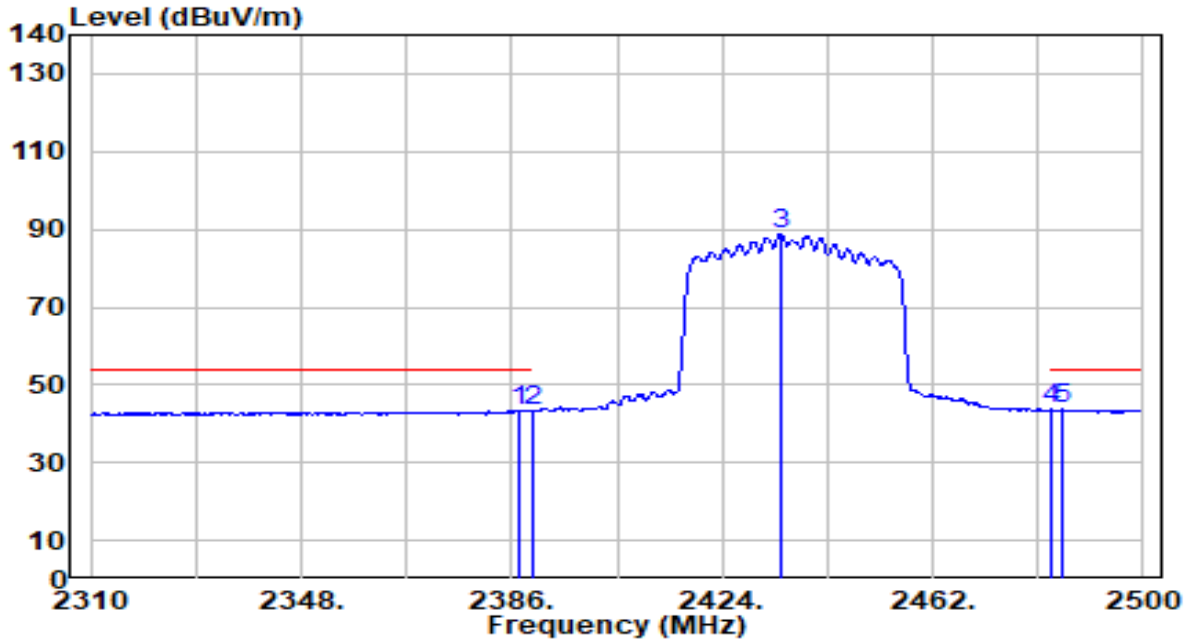


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2322.540	25.94	29.99	55.93	-18.07	74.00	200	44	Peak
2		2390.000	25.47	30.18	55.65	-18.35	74.00	200	44	Peak
3		2439.200	71.58	30.26	101.84	N/A	N/A	200	44	Peak
4		2483.500	26.11	30.32	56.42	-17.58	74.00	200	44	Peak
5	*	2484.040	26.57	30.32	56.89	-17.11	74.00	200	44	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

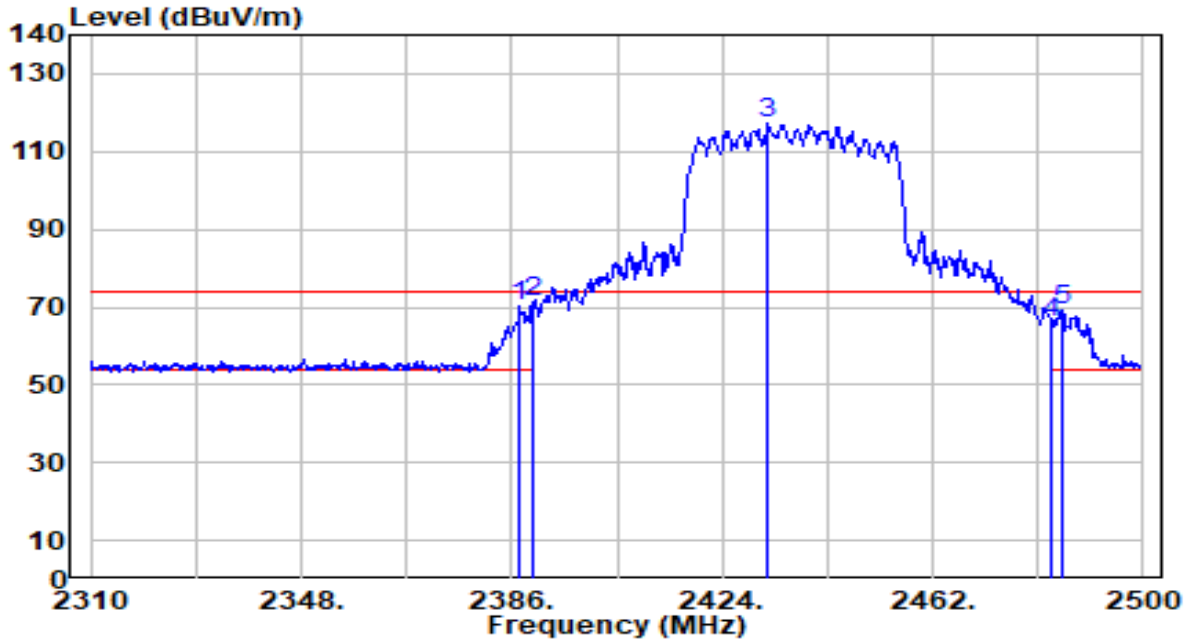


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.330	13.23	30.17	43.41	-10.59	54.00	200	44	Average
2		2390.000	13.22	30.18	43.40	-10.60	54.00	200	44	Average
3		2434.450	58.48	30.25	88.73	N/A	N/A	200	44	Average
4	*	2483.500	13.38	30.32	43.70	-10.30	54.00	200	44	Average
5		2485.370	13.31	30.32	43.63	-10.37	54.00	200	44	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

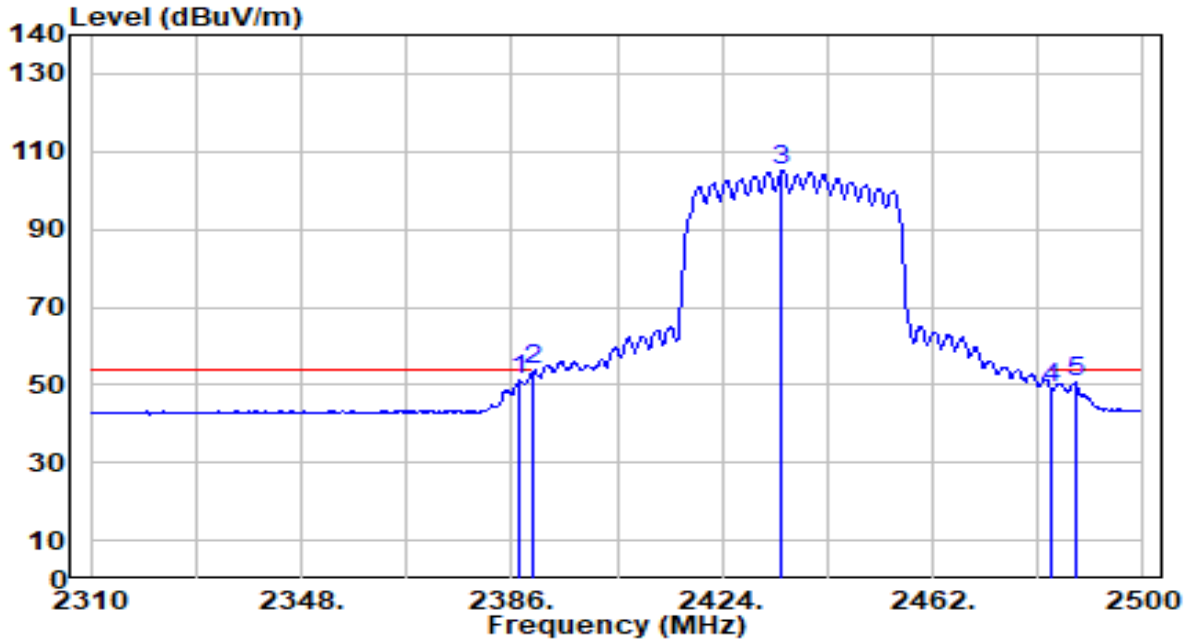


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.520	40.11	30.17	70.28	-3.72	74.00	190	9	Peak
2	*	2390.000	41.28	30.18	71.46	-2.54	74.00	190	9	Peak
3		2432.360	86.90	30.25	117.15	N/A	N/A	190	9	Peak
4		2483.500	35.71	30.32	66.03	-7.97	74.00	190	9	Peak
5		2485.560	38.80	30.32	69.12	-4.88	74.00	190	9	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

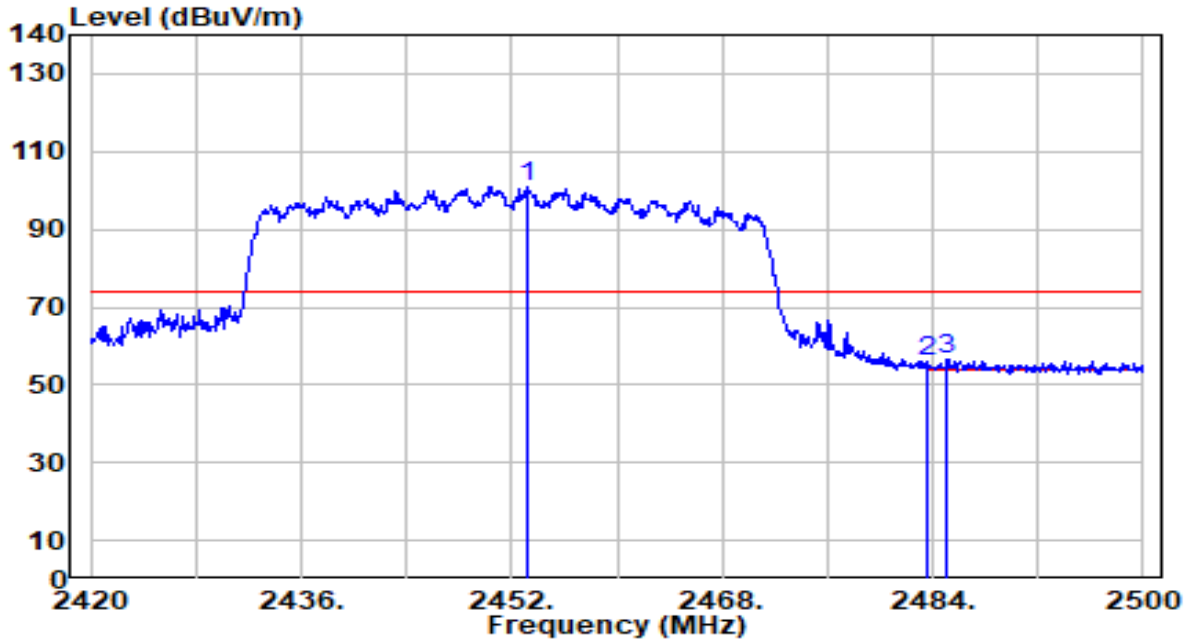


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2387.520	20.84	30.17	51.01	-2.99	54.00	190	9	Average
2	*	2390.000	23.62	30.18	53.80	-0.20	54.00	190	9	Average
3		2434.830	74.74	30.25	104.99	N/A	N/A	190	9	Average
4		2483.500	18.58	30.32	48.89	-5.11	54.00	190	9	Average
5		2487.650	20.15	30.32	50.47	-3.53	54.00	190	9	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

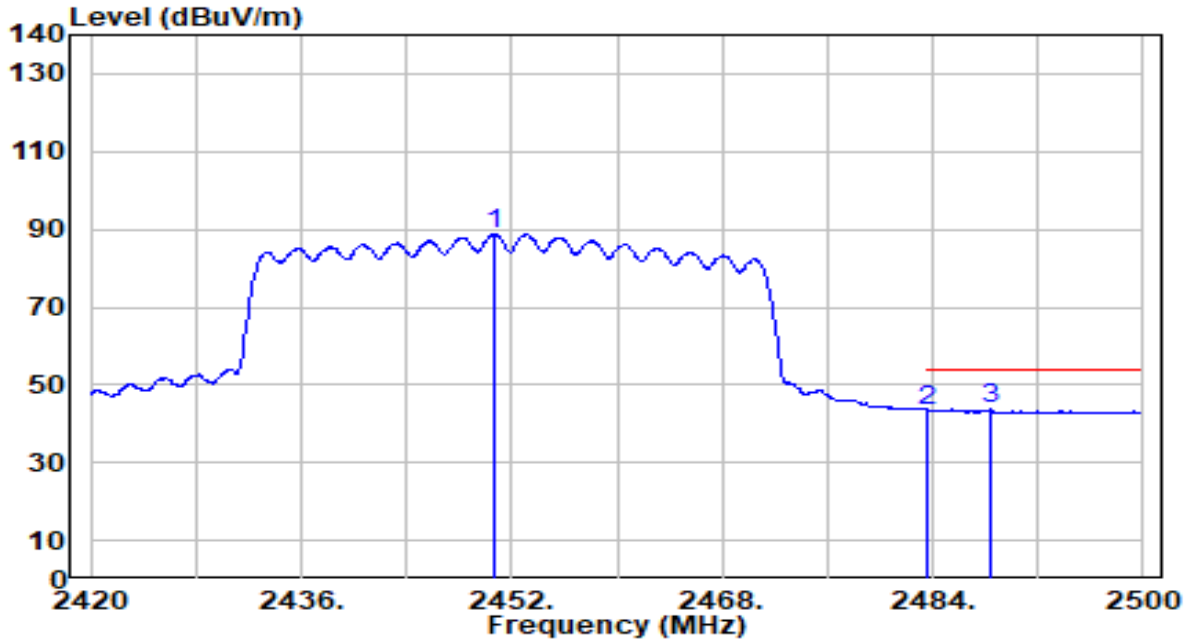


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2453.280	70.52	30.28	100.80	N/A	N/A	139	113	Peak
2		2483.500	25.71	30.32	56.03	-17.97	74.00	139	113	Peak
3	*	2485.120	26.27	30.32	56.59	-17.41	74.00	139	113	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

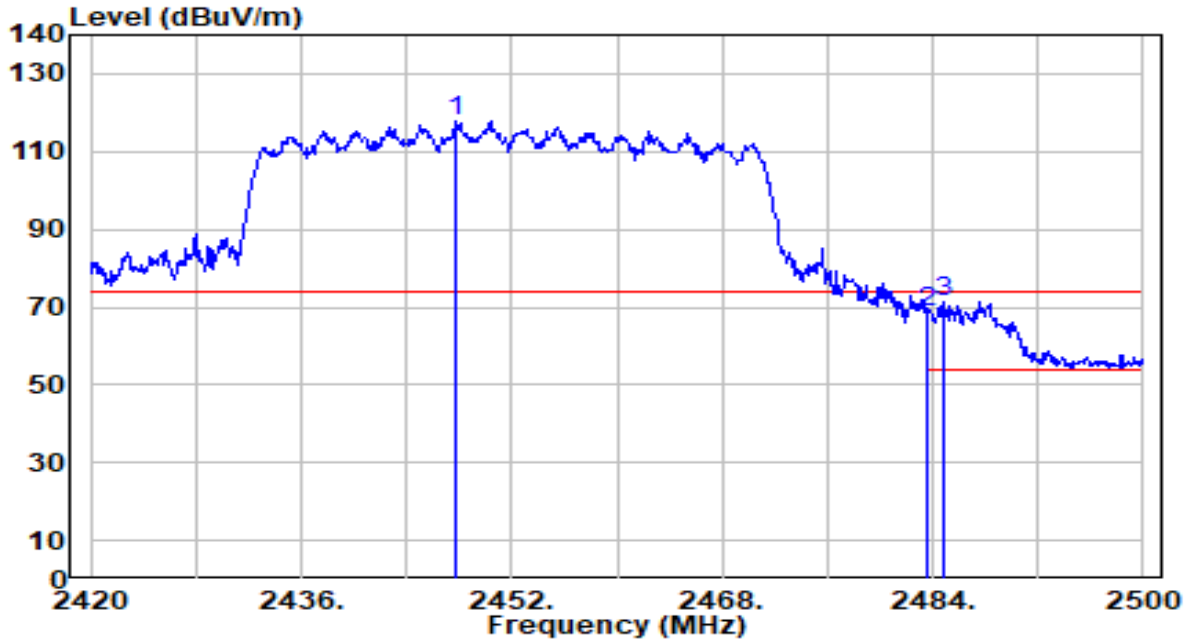


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.640	58.40	30.27	88.68	N/A	N/A	139	113	Average
2		2483.500	13.11	30.32	43.43	-10.57	54.00	139	113	Average
3	*	2488.400	13.38	30.32	43.70	-10.30	54.00	139	113	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz

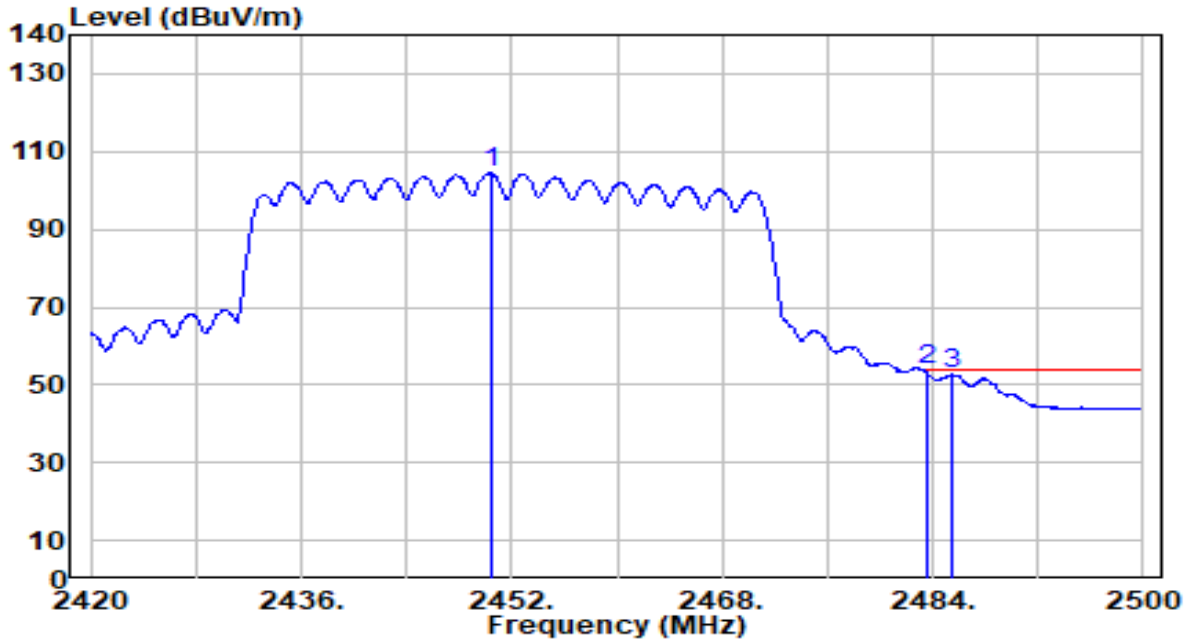


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2447.840	87.48	30.27	117.75	N/A	N/A	212	0	Peak
2		2483.500	38.48	30.32	68.80	-5.20	74.00	212	0	Peak
3	*	2484.880	40.97	30.32	71.29	-2.71	74.00	212	0	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + 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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-08-25
Factor	DRH18-E	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ax-40MHz_TX_CH 9_ANT 0+1	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1		2450.400	74.11	30.27	104.39	N/A	N/A	212	0	Average
2	*	2483.500	23.40	30.32	53.72	-0.28	54.00	212	0	Average
3		2485.520	22.30	30.32	52.62	-1.38	54.00	212	0	Average

Note:

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

7.8. AC Conducted Emissions Measurement

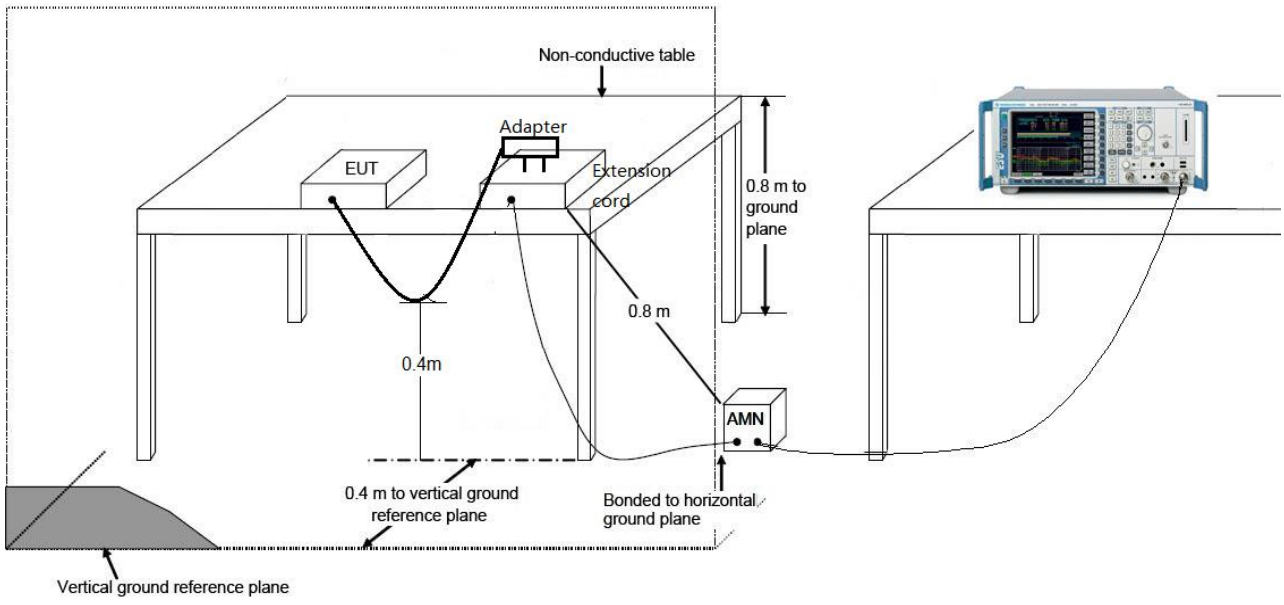
7.8.1.Test Limit

FCC Part 15 Subpart C Paragraph 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.

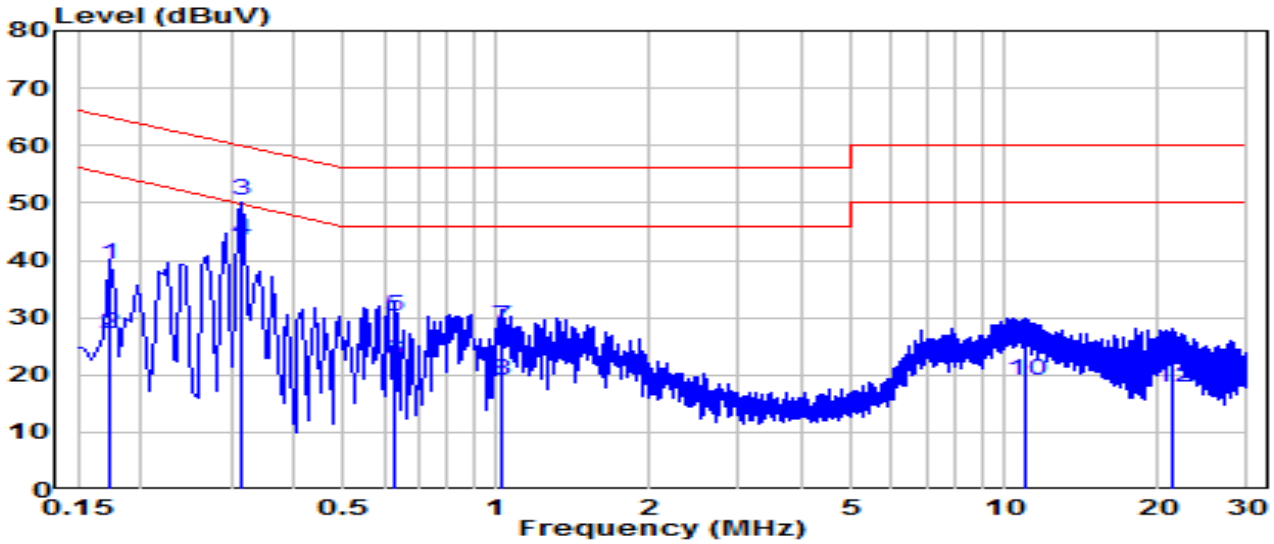
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2.Test Setup



7.8.3.Test Result

EUT	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-09-13
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /49%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_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		0.172	29.53	9.62	39.15	-25.69	64.84	QP
2		0.172	17.58	9.62	27.20	-27.64	54.84	Average
3	*	0.316	40.64	9.63	50.27	-9.53	59.80	QP
4	*	0.316	33.84	9.63	43.46	-6.33	49.80	Average
5		0.631	20.55	9.65	30.20	-25.80	56.00	QP
6		0.631	12.80	9.65	22.45	-23.55	46.00	Average
7		1.027	18.69	9.67	28.36	-27.64	56.00	QP
8		1.027	9.24	9.67	18.91	-27.09	46.00	Average
9		10.971	15.04	9.87	24.91	-35.09	60.00	QP
10		10.971	9.17	9.87	19.04	-30.96	50.00	Average
11		21.329	12.82	9.92	22.74	-37.26	60.00	QP
12		21.329	7.77	9.92	17.70	-32.30	50.00	Average

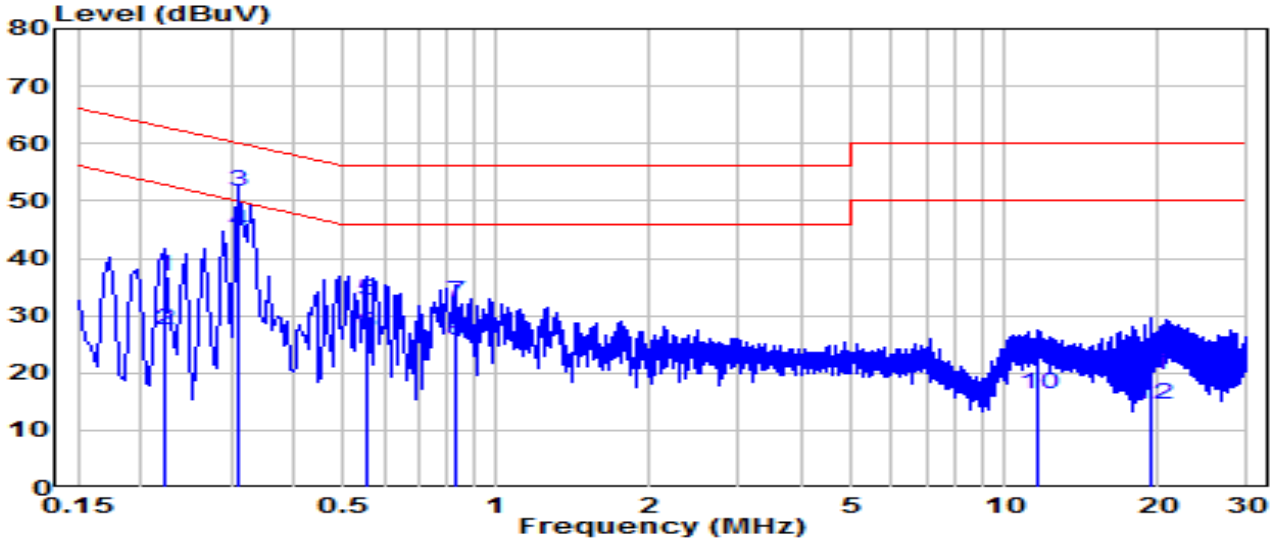
Note:

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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-09-13
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /49%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_ANT 0+1	Test Voltage	AC 120V/60Hz

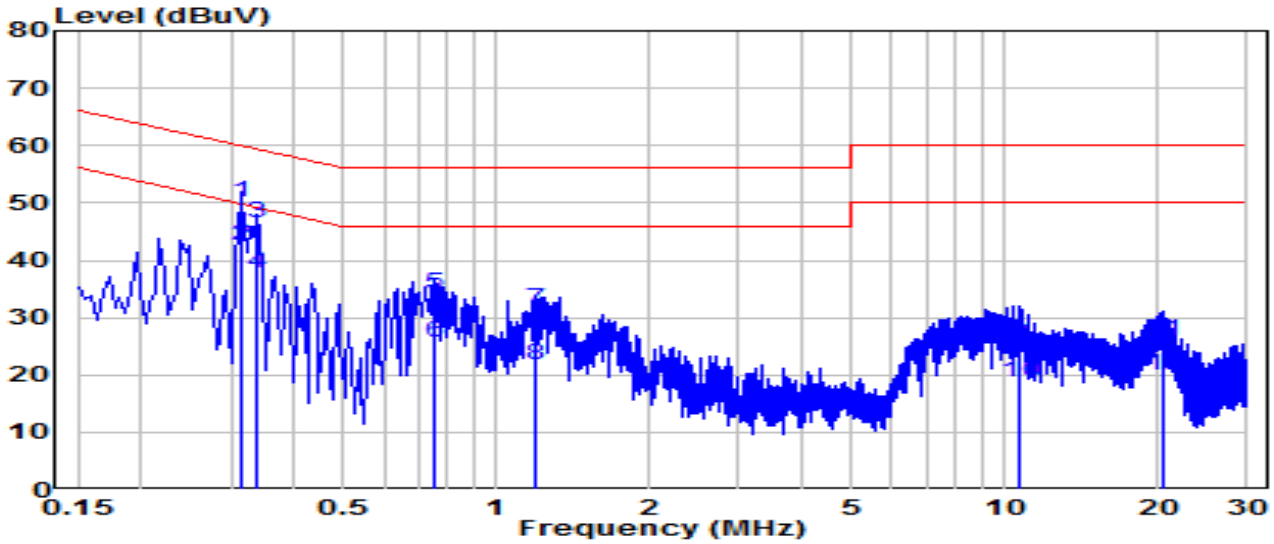


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.222	27.33	9.62	36.96	-25.79	62.74	QP
2		0.222	17.88	9.62	27.50	-25.24	52.74	Average
3	*	0.312	41.86	9.63	51.49	-8.43	59.92	QP
4	*	0.312	34.94	9.63	44.56	-5.35	49.92	Average
5		0.555	22.81	9.64	32.46	-23.54	56.00	QP
6		0.555	17.25	9.64	26.90	-19.10	46.00	Average
7		0.829	22.71	9.66	32.37	-23.63	56.00	QP
8		0.829	16.01	9.66	25.67	-20.33	46.00	Average
9		11.570	11.78	9.89	21.67	-38.33	60.00	QP
10		11.570	6.55	9.89	16.44	-33.56	50.00	Average
11		19.327	9.65	9.99	19.64	-40.36	60.00	QP
12		19.327	4.44	9.99	14.44	-35.56	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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-09-13
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /49%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_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	*	0.316	40.39	9.63	50.02	-9.78	59.80	QP
2	*	0.316	32.95	9.63	42.58	-7.21	49.80	Average
3		0.339	36.76	9.63	46.39	-12.84	59.23	QP
4		0.339	28.00	9.63	37.63	-11.60	49.23	Average
5		0.757	24.36	9.66	34.01	-21.99	56.00	QP
6		0.757	16.12	9.66	25.78	-20.22	46.00	Average
7		1.198	21.59	9.67	31.26	-24.74	56.00	QP
8		1.198	12.12	9.67	21.80	-24.20	46.00	Average
9		10.634	15.61	9.86	25.47	-34.53	60.00	QP
10		10.634	8.86	9.86	18.73	-31.27	50.00	Average
11		20.411	16.07	9.93	26.00	-34.00	60.00	QP
12		20.411	9.98	9.93	19.91	-30.09	50.00	Average

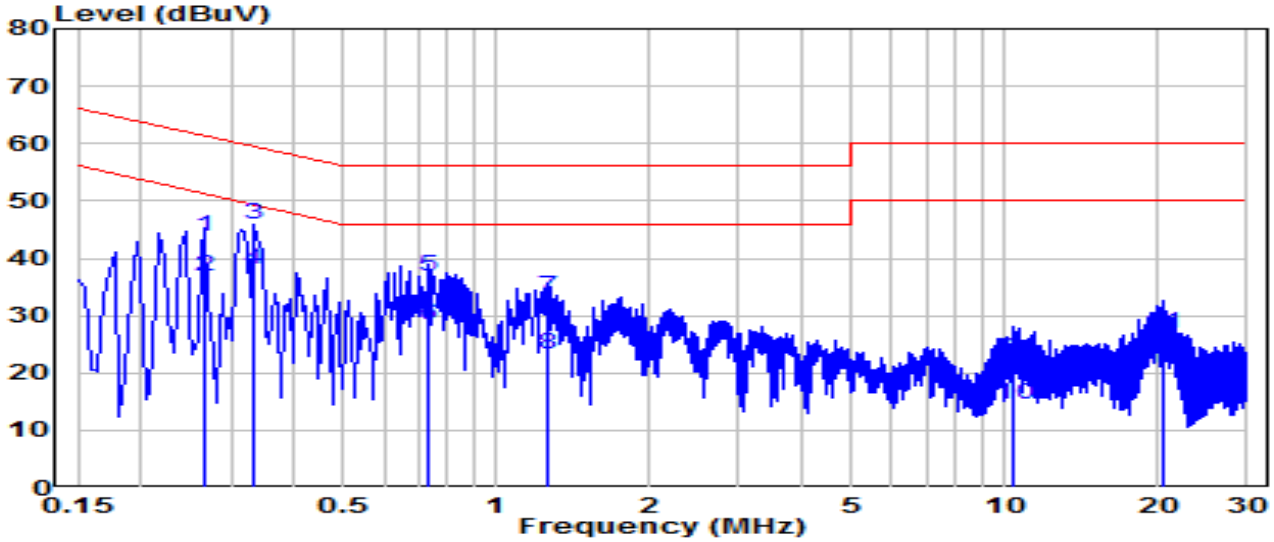
Note:

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	Omada 4G+Cat6 AX3000 Gigabit VPN Router	Date of Test	2023-09-13
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /49%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11n-20MHz_TX_CH 6_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		0.267	34.02	9.63	43.65	-17.56	61.21	QP
2		0.267	27.13	9.63	36.76	-14.45	51.21	Average
3	*	0.334	36.13	9.63	45.76	-13.58	59.34	QP
4	*	0.334	28.32	9.63	37.95	-11.39	49.34	Average
5		0.735	27.17	9.65	36.83	-19.17	56.00	QP
6		0.735	18.79	9.65	28.45	-17.55	46.00	Average
7		1.257	23.64	9.68	33.31	-22.69	56.00	QP
8		1.257	13.52	9.68	23.20	-22.80	46.00	Average
9		10.409	12.58	9.87	22.46	-37.54	60.00	QP
10		10.409	4.65	9.87	14.52	-35.48	50.00	Average
11		20.398	16.94	10.00	26.94	-33.06	60.00	QP
12		20.398	10.78	10.00	20.78	-29.22	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 compliance with Part 15C of the FCC Rules.

Appendix A : Test Setup Photograph

Refer to “2308TW0109-UT” file.

Appendix B : External Photograph

Refer to “2308TW0109-UE” file.

Appendix C : Internal Photograph

Refer to “2308TW0109-UI” file.

The End