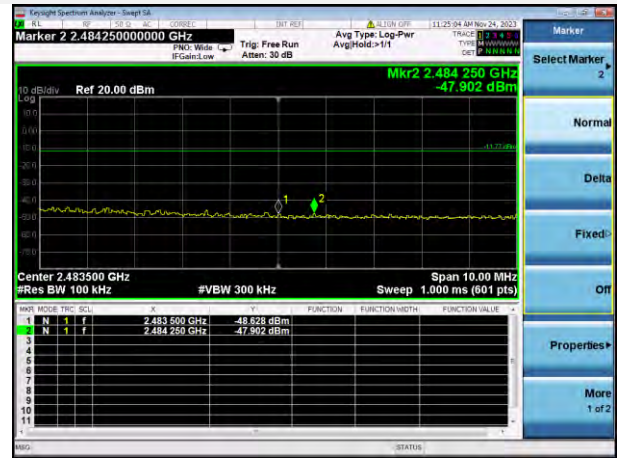


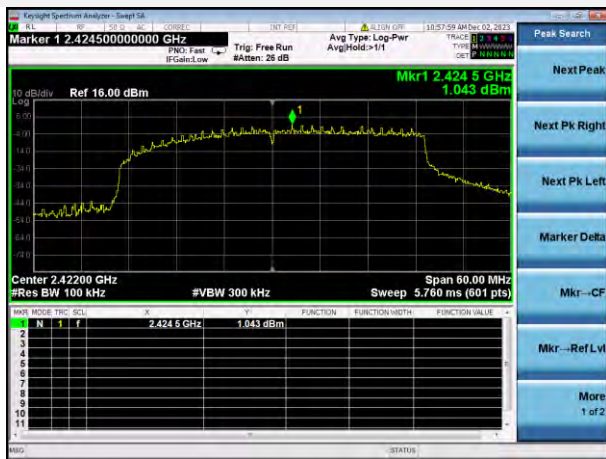
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



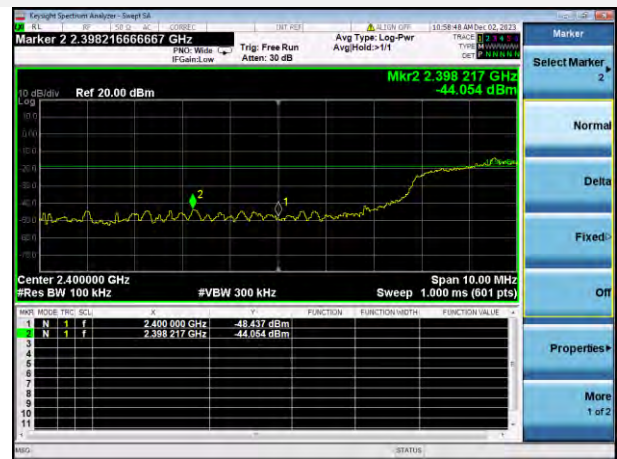
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



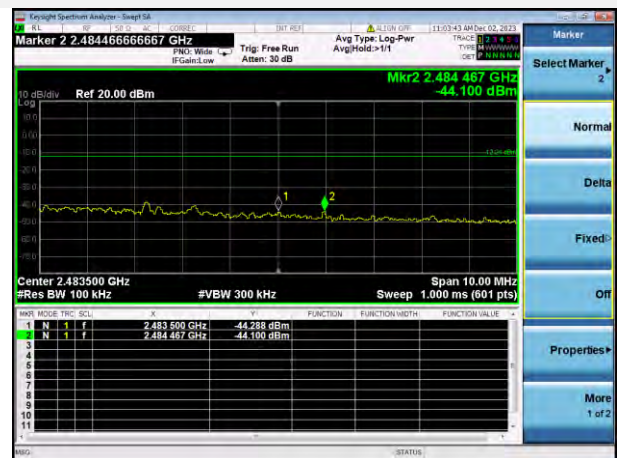
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

Note: Not applicable.

A.6 Radiated Emission

Note ¹: The symbol of “--” in the table which means not application.

Note ²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

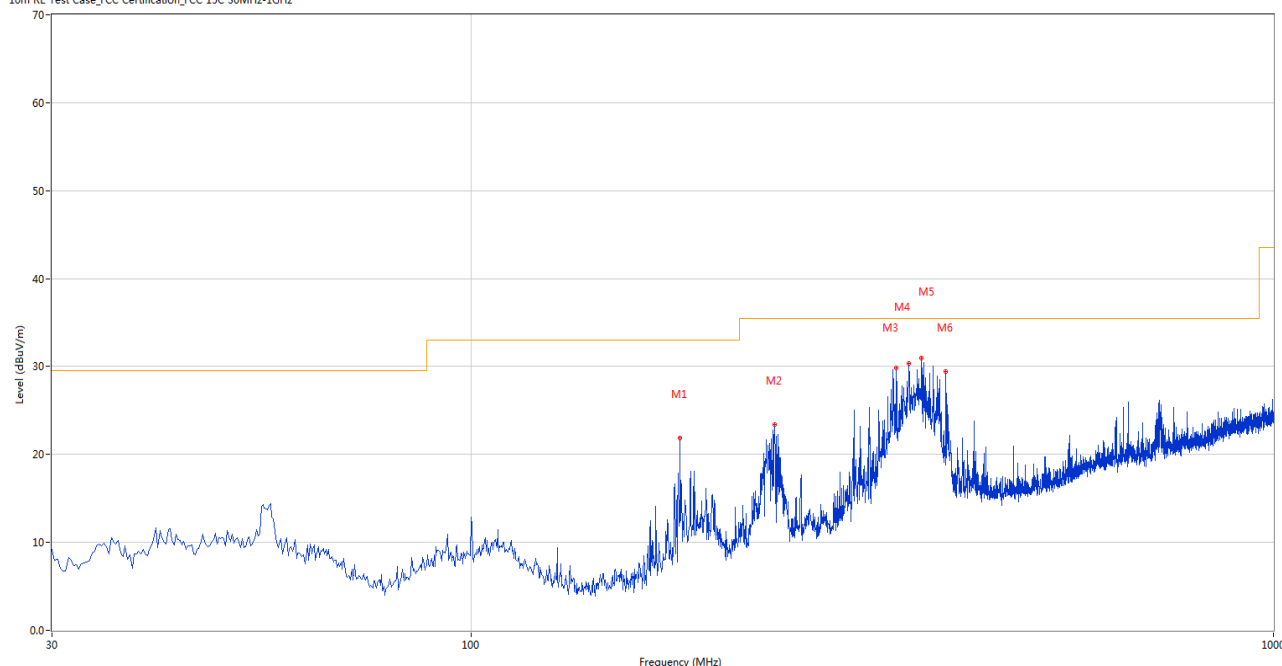
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

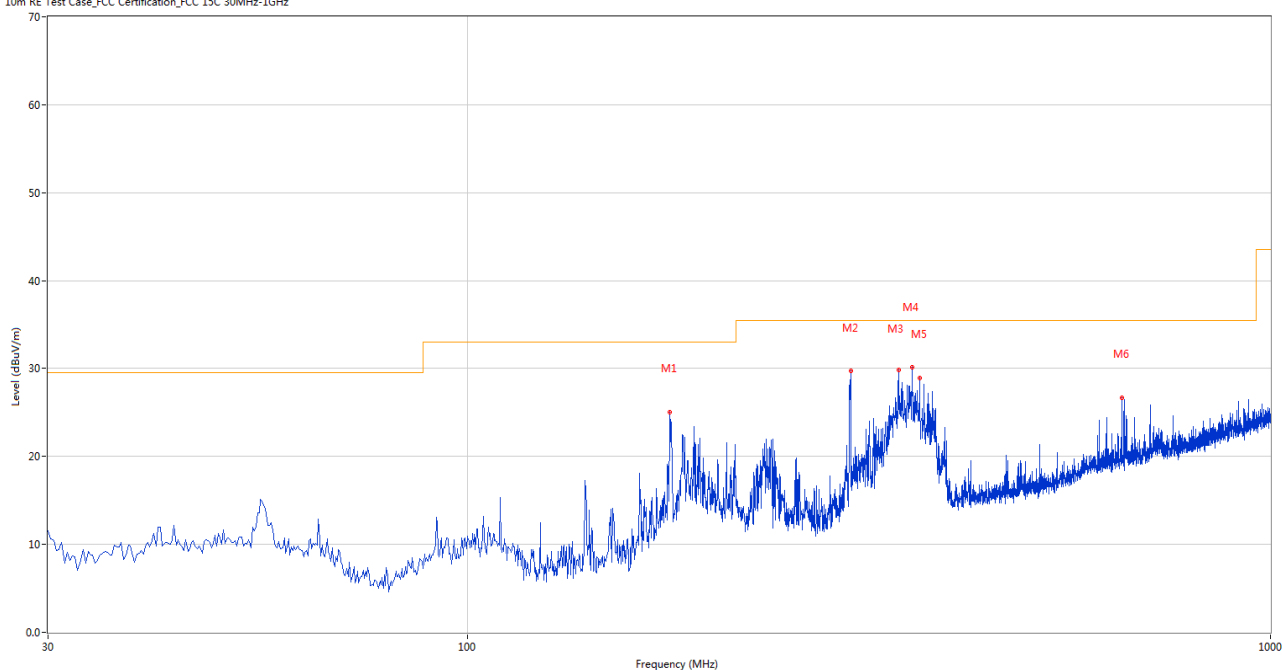
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	182.009	21.82	-29.62	33.0	11.18	Peak	278.00	200	Horizontal	Pass
2	238.983	23.41	-26.65	35.5	12.09	Peak	198.00	200	Horizontal	Pass
3	338.868	29.84	-23.77	35.5	5.66	Peak	37.00	200	Horizontal	Pass
4	351.232	30.38	-23.51	35.5	5.12	Peak	201.00	200	Horizontal	Pass
5	364.081	30.98	-23.49	35.5	4.52	Peak	195.00	200	Horizontal	Pass
6	390.507	29.43	-22.75	35.5	6.07	Peak	358.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	178.615	25.08	-29.85	33.0	7.92	Peak	292.00	100	Vertical	Pass
2	299.835	29.69	-25.15	35.5	5.81	Peak	38.00	100	Vertical	Pass
3	344.201	29.82	-23.54	35.5	5.68	Peak	286.00	100	Vertical	Pass
4	357.778	30.18	-23.34	35.5	5.32	Peak	69.00	100	Vertical	Pass
5	365.536	28.90	-23.63	35.5	6.60	Peak	0.00	100	Vertical	Pass
6	653.069	26.68	-17.07	35.5	8.82	Peak	161.00	200	Vertical	Pass

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

1 GHz to 18 GHz, ANT H 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1412.100	42.88	-16.82	74.0	31.12	Peak	134.00	300	Horizontal	Pass
1**	1412.100	31.55	-16.82	54.0	22.45	AV	134.00	300	Horizontal	Pass
2	2411.900	108.85	-10.20	74.0	-34.85	Peak	217.00	200	Horizontal	N/A
2**	2411.900	105.41	-10.20	54.0	-51.41	AV	217.00	200	Horizontal	N/A
3	4877.250	48.92	-3.42	74.0	25.08	Peak	243.00	150	Horizontal	Pass
3**	4877.250	39.26	-3.42	54.0	14.74	AV	243.00	150	Horizontal	Pass
4	7783.500	54.33	0.90	74.0	19.67	Peak	243.00	300	Horizontal	Pass
4**	7783.500	43.09	0.90	54.0	10.91	AV	243.00	300	Horizontal	Pass
5	12799.612	51.98	0.96	74.0	22.02	Peak	321.00	300	Horizontal	Pass
5**	12799.612	42.72	0.96	54.0	11.28	AV	321.00	300	Horizontal	Pass
6	16413.712	54.34	2.98	74.0	19.66	Peak	80.00	400	Horizontal	Pass
6**	16413.712	45.55	2.98	54.0	8.45	AV	80.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1350.100	42.10	-16.89	74.0	31.90	Peak	324.00	400	Vertical	Pass
1**	1350.100	32.43	-16.89	54.0	21.57	AV	324.00	400	Vertical	Pass
2	2411.900	107.76	-10.20	74.0	-33.76	Peak	134.00	200	Vertical	N/A
2**	2411.900	103.87	-10.20	54.0	-49.87	AV	134.00	200	Vertical	N/A
3	4824.250	52.22	-3.48	74.0	21.78	Peak	268.00	200	Vertical	Pass
3**	4824.250	50.44	-3.48	54.0	3.56	AV	268.00	200	Vertical	Pass
4	7757.250	53.36	1.46	74.0	20.64	Peak	100.00	300	Vertical	Pass
4**	7757.250	44.12	1.46	54.0	9.88	AV	100.00	300	Vertical	Pass
5	11791.925	52.48	-0.15	74.0	21.52	Peak	0.00	100	Vertical	Pass
5**	11791.925	43.20	-0.15	54.0	10.80	AV	0.00	100	Vertical	Pass
6	16837.125	54.29	3.02	74.0	19.71	Peak	140.00	300	Vertical	Pass
6**	16837.125	44.15	3.02	54.0	9.85	AV	140.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1379.200	42.43	-17.24	74.0	31.57	Peak	173.00	400	Horizontal	Pass
1**	1379.200	32.92	-17.24	54.0	21.08	AV	173.00	400	Horizontal	Pass
2	2435.900	108.81	-10.14	74.0	-34.81	Peak	212.00	200	Horizontal	N/A
2**	2435.900	106.06	-10.14	54.0	-52.06	AV	212.00	200	Horizontal	N/A
3	4874.250	47.46	-3.45	74.0	26.54	Peak	189.00	200	Horizontal	Pass
3**	4874.250	43.80	-3.45	54.0	10.20	AV	189.00	200	Horizontal	Pass
4	7497.250	53.05	0.66	74.0	20.95	Peak	321.00	400	Horizontal	Pass
4**	7497.250	43.18	0.66	54.0	10.82	AV	321.00	400	Horizontal	Pass
5	11789.075	52.54	-0.16	74.0	21.46	Peak	180.00	300	Horizontal	Pass
5**	11789.075	43.37	-0.16	54.0	10.63	AV	180.00	300	Horizontal	Pass
6	16888.838	54.48	2.91	74.0	19.52	Peak	260.00	100	Horizontal	Pass
6**	16888.838	44.03	2.91	54.0	9.97	AV	260.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1397.600	42.27	-16.79	74.0	31.73	Peak	310.00	400	Vertical	Pass
1**	1397.600	32.23	-16.79	54.0	21.77	AV	310.00	400	Vertical	Pass
2	2437.000	108.35	-10.41	74.0	-34.35	Peak	98.00	200	Vertical	N/A
2**	2437.000	104.72	-10.41	54.0	-50.72	AV	98.00	200	Vertical	N/A
3	4874.000	52.84	-3.49	74.0	21.16	Peak	265.00	100	Vertical	Pass
3**	4874.000	49.04	-3.49	54.0	4.96	AV	265.00	100	Vertical	Pass
4	7762.500	53.07	1.50	74.0	20.93	Peak	245.00	400	Vertical	Pass
4**	7762.500	44.62	1.50	54.0	9.38	AV	245.00	400	Vertical	Pass
5	11776.487	53.06	-0.17	74.0	20.94	Peak	360.00	400	Vertical	Pass
5**	11776.487	43.33	-0.17	54.0	10.67	AV	360.00	400	Vertical	Pass
6	17462.925	54.23	5.33	74.0	19.77	Peak	-1.00	100	Vertical	Pass
6**	17462.925	45.96	5.33	54.0	8.04	AV	-1.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.100	42.11	-16.91	74.0	31.89	Peak	34.00	400	Horizontal	Pass
1**	1362.100	33.09	-16.91	54.0	20.91	AV	34.00	400	Horizontal	Pass
2	2462.000	107.76	-11.43	74.0	-33.76	Peak	212.00	200	Horizontal	N/A
2**	2462.000	104.15	-11.43	54.0	-50.15	AV	212.00	200	Horizontal	N/A
3	4984.500	49.11	-3.44	74.0	24.89	Peak	40.00	150	Horizontal	Pass
3**	4984.500	39.34	-3.44	54.0	14.66	AV	40.00	150	Horizontal	Pass
4	7753.250	53.04	0.71	74.0	20.96	Peak	60.00	400	Horizontal	Pass
4**	7753.250	43.96	0.71	54.0	10.04	AV	60.00	400	Horizontal	Pass
5	12407.525	51.72	1.10	74.0	22.28	Peak	102.00	300	Horizontal	Pass
5**	12407.525	43.15	1.10	54.0	10.85	AV	102.00	300	Horizontal	Pass
6	17456.886	54.46	5.44	74.0	19.54	Peak	116.00	200	Horizontal	Pass
6**	17456.886	44.17	5.44	54.0	9.83	AV	116.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11b High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.900	41.96	-16.74	74.0	32.04	Peak	220.00	300	Vertical	Pass
1**	1581.900	32.86	-16.74	54.0	21.14	AV	220.00	300	Vertical	Pass
2	2462.000	107.34	-11.43	74.0	-33.34	Peak	95.00	200	Vertical	N/A
2**	2462.000	103.90	-11.43	54.0	-49.90	AV	95.00	200	Vertical	N/A
3	4924.250	51.33	-3.53	74.0	22.67	Peak	286.00	100	Vertical	Pass
3**	4924.250	48.68	-3.53	54.0	5.32	AV	286.00	100	Vertical	Pass
4	7492.250	53.05	1.23	74.0	20.95	Peak	286.00	100	Vertical	Pass
4**	7492.250	43.20	1.23	54.0	10.80	AV	286.00	100	Vertical	Pass
5	12383.300	52.49	1.02	74.0	21.51	Peak	336.00	400	Vertical	Pass
5**	12383.300	42.85	1.02	54.0	11.15	AV	336.00	400	Vertical	Pass
6	17465.287	54.40	5.28	74.0	19.60	Peak	343.00	300	Vertical	Pass
6**	17465.287	45.32	5.28	54.0	8.68	AV	343.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.600	42.10	-16.76	74.0	31.90	Peak	260.00	100	Horizontal	Pass
1**	1390.600	32.78	-16.76	54.0	21.22	AV	260.00	100	Horizontal	Pass
2	2412.900	111.45	-10.17	74.0	-37.45	Peak	204.00	150	Horizontal	N/A
2**	2412.900	103.33	-10.17	54.0	-49.33	AV	204.00	150	Horizontal	N/A
3	4816.500	48.92	-2.95	74.0	25.08	Peak	352.00	150	Horizontal	Pass
3**	4816.500	39.37	-2.95	54.0	14.63	AV	352.00	150	Horizontal	Pass
4	7754.000	53.71	1.14	74.0	20.29	Peak	79.00	400	Horizontal	Pass
4**	7754.000	44.23	1.14	54.0	9.77	AV	79.00	400	Horizontal	Pass
5	12923.250	52.17	1.30	74.0	21.83	Peak	0.00	400	Horizontal	Pass
5**	12923.250	41.94	1.30	54.0	12.06	AV	0.00	400	Horizontal	Pass
6	16176.151	54.32	1.97	74.0	19.68	Peak	69.00	300	Horizontal	Pass
6**	16176.151	44.41	1.97	54.0	9.59	AV	69.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.500	44.76	-17.62	74.0	29.24	Peak	205.00	300	Vertical	Pass
1**	1199.500	36.60	-17.62	54.0	17.40	AV	205.00	300	Vertical	Pass
2	2411.100	109.24	-10.33	74.0	-35.24	Peak	90.00	100	Vertical	N/A
2**	2411.100	102.05	-10.33	54.0	-48.05	AV	90.00	100	Vertical	N/A
3	4824.750	49.92	-3.68	74.0	24.08	Peak	281.00	150	Vertical	Pass
3**	4824.750	41.64	-3.68	54.0	12.36	AV	281.00	150	Vertical	Pass
4	7645.750	53.05	1.10	74.0	20.95	Peak	18.00	300	Vertical	Pass
4**	7645.750	43.58	1.10	54.0	10.42	AV	18.00	300	Vertical	Pass
5	11784.325	52.09	-0.16	74.0	21.91	Peak	153.00	300	Vertical	Pass
5**	11784.325	42.77	-0.16	54.0	11.23	AV	153.00	300	Vertical	Pass
6	16694.850	53.77	2.97	74.0	20.23	Peak	225.00	400	Vertical	Pass
6**	16694.850	44.53	2.97	54.0	9.47	AV	225.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1206.900	41.80	-17.55	74.0	32.20	Peak	278.00	100	Horizontal	Pass
1**	1206.900	32.03	-17.55	54.0	21.97	AV	278.00	100	Horizontal	Pass
2	2438.100	111.58	-10.22	74.0	-37.58	Peak	210.00	200	Horizontal	N/A
2**	2438.100	104.92	-10.22	54.0	-50.92	AV	210.00	200	Horizontal	N/A
3	4987.000	48.98	-3.07	74.0	25.02	Peak	149.00	100	Horizontal	Pass
3**	4987.000	40.17	-3.07	54.0	13.83	AV	149.00	100	Horizontal	Pass
4	7754.000	53.11	1.14	74.0	20.89	Peak	360.00	400	Horizontal	Pass
4**	7754.000	43.59	1.14	54.0	10.41	AV	360.00	400	Horizontal	Pass
5	11699.299	52.31	-0.53	74.0	21.69	Peak	8.00	100	Horizontal	Pass
5**	11699.299	43.18	-0.53	54.0	10.82	AV	8.00	100	Horizontal	Pass
6	17476.575	54.27	5.07	74.0	19.73	Peak	288.00	200	Horizontal	Pass
6**	17476.575	44.62	5.07	54.0	9.38	AV	288.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1224.000	42.54	-17.72	74.0	31.46	Peak	213.00	100	Vertical	Pass
1**	1224.000	33.57	-17.72	54.0	20.43	AV	213.00	100	Vertical	Pass
2	2438.600	110.52	-10.02	74.0	-36.52	Peak	69.00	200	Vertical	N/A
2**	2438.600	103.11	-10.02	54.0	-49.11	AV	69.00	200	Vertical	N/A
3	4882.000	49.77	-3.73	74.0	24.23	Peak	120.00	200	Vertical	Pass
3**	4882.000	40.33	-3.73	54.0	13.67	AV	120.00	200	Vertical	Pass
4	7486.000	53.16	1.41	74.0	20.84	Peak	203.00	100	Vertical	Pass
4**	7486.000	43.80	1.41	54.0	10.20	AV	203.00	100	Vertical	Pass
5	12800.137	51.85	0.95	74.0	22.15	Peak	205.00	100	Vertical	Pass
5**	12800.137	41.69	0.95	54.0	12.31	AV	205.00	100	Vertical	Pass
6	17467.386	54.33	5.24	74.0	19.67	Peak	274.00	100	Vertical	Pass
6**	17467.386	44.18	5.24	54.0	9.82	AV	274.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.700	46.77	-17.64	74.0	27.23	Peak	252.00	200	Horizontal	Pass
1**	1199.700	41.20	-17.64	54.0	12.80	AV	252.00	200	Horizontal	Pass
2	2464.000	109.47	-11.21	74.0	-35.47	Peak	133.00	150	Horizontal	N/A
2**	2464.000	102.11	-11.21	54.0	-48.11	AV	133.00	150	Horizontal	N/A
3	4737.250	48.58	-2.75	74.0	25.42	Peak	360.00	150	Horizontal	Pass
3**	4737.250	39.28	-2.75	54.0	14.72	AV	360.00	150	Horizontal	Pass
4	7871.000	53.81	1.76	74.0	20.19	Peak	147.00	200	Horizontal	Pass
4**	7871.000	45.19	1.76	54.0	8.81	AV	147.00	200	Horizontal	Pass
5	11786.937	52.52	-0.16	74.0	21.48	Peak	18.00	400	Horizontal	Pass
5**	11786.937	43.19	-0.16	54.0	10.81	AV	18.00	400	Horizontal	Pass
6	16408.989	54.67	3.05	74.0	19.33	Peak	219.00	400	Horizontal	Pass
6**	16408.989	46.05	3.05	54.0	7.95	AV	219.00	400	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11g High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.000	46.63	-17.65	74.0	27.37	Peak	337.00	200	Vertical	Pass
1**	1200.000	40.00	-17.65	54.0	14.00	AV	337.00	200	Vertical	Pass
2	2463.800	108.34	-11.22	74.0	-34.34	Peak	67.00	100	Vertical	N/A
2**	2463.800	100.59	-11.22	54.0	-46.59	AV	67.00	100	Vertical	N/A
3	4987.000	49.10	-3.07	74.0	24.90	Peak	229.00	150	Vertical	Pass
3**	4987.000	40.17	-3.07	54.0	13.83	AV	229.00	150	Vertical	Pass
4	7736.250	52.92	0.44	74.0	21.08	Peak	81.00	200	Vertical	Pass
4**	7736.250	44.50	0.44	54.0	9.50	AV	81.00	200	Vertical	Pass
5	11803.325	52.55	-0.18	74.0	21.45	Peak	190.00	100	Vertical	Pass
5**	11803.325	43.51	-0.18	54.0	10.49	AV	190.00	100	Vertical	Pass
6	17453.738	54.92	5.50	74.0	19.08	Peak	82.00	100	Vertical	Pass
6**	17453.738	45.00	5.50	54.0	9.00	AV	82.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.700	47.87	-17.51	74.0	26.13	Peak	70.00	200	Horizontal	Pass
1**	1198.700	41.46	-17.51	54.0	12.54	AV	70.00	200	Horizontal	Pass
2	2411.300	110.91	-10.28	74.0	-36.91	Peak	23.00	200	Horizontal	N/A
2**	2411.300	102.90	-10.28	54.0	-48.90	AV	23.00	200	Horizontal	N/A
3	4870.250	48.93	-3.47	74.0	25.07	Peak	205.00	100	Horizontal	Pass
3**	4870.250	39.66	-3.47	54.0	14.34	AV	205.00	100	Horizontal	Pass
4	7807.500	52.92	1.11	74.0	21.08	Peak	205.00	200	Horizontal	Pass
4**	7807.500	45.08	1.11	54.0	8.92	AV	205.00	200	Horizontal	Pass
5	11324.763	52.09	-2.34	74.0	21.91	Peak	281.00	200	Horizontal	Pass
5**	11324.763	40.90	-2.34	54.0	13.10	AV	281.00	200	Horizontal	Pass
6	16883.324	54.04	3.00	74.0	19.96	Peak	331.00	200	Horizontal	Pass
6**	16883.324	45.15	3.00	54.0	8.85	AV	331.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.900	48.68	-17.53	74.0	25.32	Peak	215.00	200	Vertical	Pass
1**	1198.900	42.47	-17.53	54.0	11.53	AV	215.00	200	Vertical	Pass
2	2410.400	108.09	-10.43	74.0	-34.09	Peak	161.00	200	Vertical	N/A
2**	2410.400	100.74	-10.43	54.0	-46.74	AV	161.00	200	Vertical	N/A
3	4812.250	51.42	-3.00	74.0	22.58	Peak	18.00	100	Vertical	Pass
3**	4812.250	40.97	-3.00	54.0	13.03	AV	18.00	100	Vertical	Pass
4	7753.750	53.39	1.12	74.0	20.61	Peak	0.00	100	Vertical	Pass
4**	7753.750	43.96	1.12	54.0	10.04	AV	0.00	100	Vertical	Pass
5	11802.613	51.92	-0.18	74.0	22.08	Peak	147.00	200	Vertical	Pass
5**	11802.613	43.38	-0.18	54.0	10.62	AV	147.00	200	Vertical	Pass
6	16875.187	54.12	3.14	74.0	19.88	Peak	351.00	100	Vertical	Pass
6**	16875.187	44.66	3.14	54.0	9.34	AV	351.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.900	47.27	-17.65	74.0	26.73	Peak	257.00	300	Horizontal	Pass
1**	1199.900	41.25	-17.65	54.0	12.75	AV	257.00	300	Horizontal	Pass
2	2436.100	111.53	-10.19	74.0	-37.53	Peak	138.00	200	Horizontal	N/A
2**	2436.100	104.50	-10.19	54.0	-50.50	AV	138.00	200	Horizontal	N/A
3	4994.750	48.98	-3.41	74.0	25.02	Peak	285.00	200	Horizontal	Pass
3**	4994.750	39.34	-3.41	54.0	14.66	AV	285.00	200	Horizontal	Pass
4	7931.500	53.15	2.30	74.0	20.85	Peak	128.00	200	Horizontal	Pass
4**	7931.500	44.01	2.30	54.0	9.99	AV	128.00	200	Horizontal	Pass
5	11786.937	52.26	-0.16	74.0	21.74	Peak	356.00	200	Horizontal	Pass
5**	11786.937	43.00	-0.16	54.0	11.00	AV	356.00	200	Horizontal	Pass
6	17449.538	54.37	5.57	74.0	19.63	Peak	217.00	200	Horizontal	Pass
6**	17449.538	45.41	5.57	54.0	8.59	AV	217.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1226.700	46.94	-17.64	74.0	27.06	Peak	4.00	300	Vertical	Pass
1**	1226.700	39.88	-17.64	54.0	14.12	AV	4.00	300	Vertical	Pass
2	2435.900	109.11	-10.14	74.0	-35.11	Peak	120.00	150	Vertical	N/A
2**	2435.900	101.41	-10.14	54.0	-47.41	AV	120.00	150	Vertical	N/A
3	4877.250	50.14	-3.42	74.0	23.86	Peak	212.00	100	Vertical	Pass
3**	4877.250	41.45	-3.42	54.0	12.55	AV	212.00	100	Vertical	Pass
4	7762.250	52.92	1.73	74.0	21.08	Peak	82.00	400	Vertical	Pass
4**	7762.250	44.38	1.73	54.0	9.62	AV	82.00	400	Vertical	Pass
5	12545.750	51.89	1.17	74.0	22.11	Peak	89.00	300	Vertical	Pass
5**	12545.750	42.29	1.17	54.0	11.71	AV	89.00	300	Vertical	Pass
6	16418.699	53.93	2.92	74.0	20.07	Peak	164.00	100	Vertical	Pass
6**	16418.699	44.70	2.92	54.0	9.30	AV	164.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.300	47.17	-17.43	74.0	26.83	Peak	250.00	400	Horizontal	Pass
1**	1197.300	41.05	-17.43	54.0	12.95	AV	250.00	400	Horizontal	Pass
2	2463.100	109.46	-11.42	74.0	-35.46	Peak	128.00	100	Horizontal	N/A
2**	2463.100	101.97	-11.42	54.0	-47.97	AV	128.00	100	Horizontal	N/A
3	4967.000	49.29	-3.71	74.0	24.71	Peak	16.00	150	Horizontal	Pass
3**	4967.000	39.38	-3.71	54.0	14.62	AV	16.00	150	Horizontal	Pass
4	7620.500	53.34	0.48	74.0	20.66	Peak	16.00	100	Horizontal	Pass
4**	7620.500	43.64	0.48	54.0	10.36	AV	16.00	100	Horizontal	Pass
5	11791.688	52.03	-0.15	74.0	21.97	Peak	232.00	100	Horizontal	Pass
5**	11791.688	43.32	-0.15	54.0	10.68	AV	232.00	100	Horizontal	Pass
6	16865.475	54.59	3.30	74.0	19.41	Peak	249.00	200	Horizontal	Pass
6**	16865.475	44.56	3.30	54.0	9.44	AV	249.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1223.000	47.73	-17.43	74.0	26.27	Peak	53.00	400	Vertical	Pass
1**	1223.000	39.17	-17.43	54.0	14.83	AV	53.00	400	Vertical	Pass
2	2460.500	108.39	-11.29	74.0	-34.39	Peak	62.00	150	Vertical	N/A
2**	2460.500	100.73	-11.29	54.0	-46.73	AV	62.00	150	Vertical	N/A
3	4924.000	49.09	-3.57	74.0	24.91	Peak	268.00	200	Vertical	Pass
3**	4924.000	39.95	-3.57	54.0	14.05	AV	268.00	200	Vertical	Pass
4	7799.250	53.19	0.67	74.0	20.81	Peak	81.00	200	Vertical	Pass
4**	7799.250	44.14	0.67	54.0	9.86	AV	81.00	200	Vertical	Pass
5	11791.213	51.84	-0.15	74.0	22.16	Peak	88.00	400	Vertical	Pass
5**	11791.213	43.56	-0.15	54.0	10.44	AV	88.00	400	Vertical	Pass
6	16424.475	54.12	2.84	74.0	19.88	Peak	310.00	300	Vertical	Pass
6**	16424.475	44.39	2.84	54.0	9.61	AV	310.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.700	48.03	-17.57	74.0	25.97	Peak	318.00	200	Horizontal	Pass
1**	1197.700	41.91	-17.57	54.0	12.09	AV	318.00	200	Horizontal	Pass
2	2425.600	109.10	-10.46	74.0	-35.10	Peak	133.00	100	Horizontal	N/A
2**	2425.600	100.64	-10.46	54.0	-46.64	AV	133.00	100	Horizontal	N/A
3	4730.500	48.83	-2.89	74.0	25.17	Peak	149.00	100	Horizontal	Pass
3**	4730.500	39.50	-2.89	54.0	14.50	AV	149.00	100	Horizontal	Pass
4	7478.750	53.63	0.57	74.0	20.37	Peak	43.00	300	Horizontal	Pass
4**	7478.750	44.61	0.57	54.0	9.39	AV	43.00	300	Horizontal	Pass
5	11799.287	51.89	-0.15	74.0	22.11	Peak	276.00	400	Horizontal	Pass
5**	11799.287	44.07	-0.15	54.0	9.93	AV	276.00	400	Horizontal	Pass
6	16416.074	54.77	2.95	74.0	19.23	Peak	203.00	200	Horizontal	Pass
6**	16416.074	45.06	2.95	54.0	8.94	AV	203.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1225.400	51.00	-17.48	74.0	23.00	Peak	53.00	200	Vertical	Pass
1**	1225.400	42.54	-17.48	54.0	11.46	AV	53.00	200	Vertical	Pass
2	2417.800	106.17	-10.22	74.0	-32.17	Peak	169.00	200	Vertical	N/A
2**	2417.800	97.63	-10.22	54.0	-43.63	AV	169.00	200	Vertical	N/A
3	4976.250	49.20	-3.59	74.0	24.80	Peak	64.00	200	Vertical	Pass
3**	4976.250	39.49	-3.59	54.0	14.51	AV	64.00	200	Vertical	Pass
4	7852.750	53.66	1.33	74.0	20.34	Peak	198.00	300	Vertical	Pass
4**	7852.750	44.36	1.33	54.0	9.64	AV	198.00	300	Vertical	Pass
5	11793.825	52.44	-0.15	74.0	21.56	Peak	217.00	400	Vertical	Pass
5**	11793.825	42.84	-0.15	54.0	11.16	AV	217.00	400	Vertical	Pass
6	16837.650	54.13	3.05	74.0	19.87	Peak	122.00	100	Vertical	Pass
6**	16837.650	44.32	3.05	54.0	9.68	AV	122.00	100	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.400	47.82	-17.75	74.0	26.18	Peak	319.00	100	Horizontal	Pass
1**	1201.400	41.65	-17.75	54.0	12.35	AV	319.00	100	Horizontal	Pass
2	2440.600	108.68	-9.80	74.0	-34.68	Peak	121.00	100	Horizontal	N/A
2**	2440.600	99.63	-9.80	54.0	-45.63	AV	121.00	100	Horizontal	N/A
3	4952.750	48.89	-3.46	74.0	25.11	Peak	125.00	200	Horizontal	Pass
3**	4952.750	39.97	-3.46	54.0	14.03	AV	125.00	200	Horizontal	Pass
4	7757.250	53.43	1.46	74.0	20.57	Peak	356.00	300	Horizontal	Pass
4**	7757.250	44.46	1.46	54.0	9.54	AV	356.00	300	Horizontal	Pass
5	12316.562	52.60	0.65	74.0	21.40	Peak	154.00	200	Horizontal	Pass
5**	12316.562	42.32	0.65	54.0	11.68	AV	154.00	200	Horizontal	Pass
6	16865.212	54.78	3.31	74.0	19.22	Peak	346.00	300	Horizontal	Pass
6**	16865.212	44.84	3.31	54.0	9.16	AV	346.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.600	51.82	-17.61	74.0	22.18	Peak	166.00	300	Vertical	Pass
1**	1201.600	43.22	-17.61	54.0	10.78	AV	166.00	300	Vertical	Pass
2	2432.600	106.05	-10.66	74.0	-32.05	Peak	115.00	100	Vertical	N/A
2**	2432.600	98.04	-10.66	54.0	-44.04	AV	115.00	100	Vertical	N/A
3	4857.250	49.17	-3.53	74.0	24.83	Peak	123.00	150	Vertical	Pass
3**	4857.250	40.77	-3.53	54.0	13.23	AV	123.00	150	Vertical	Pass
4	7886.750	53.51	1.78	74.0	20.49	Peak	80.00	300	Vertical	Pass
4**	7886.750	43.29	1.78	54.0	10.71	AV	80.00	300	Vertical	Pass
5	11787.412	52.31	-0.16	74.0	21.69	Peak	132.00	400	Vertical	Pass
5**	11787.412	44.06	-0.16	54.0	9.94	AV	132.00	400	Vertical	Pass
6	16441.801	55.25	2.61	74.0	18.75	Peak	52.00	300	Vertical	Pass
6**	16441.801	44.18	2.61	54.0	9.82	AV	52.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.600	46.56	-17.80	74.0	27.44	Peak	75.00	200	Horizontal	Pass
1**	1208.600	38.51	-17.80	54.0	15.49	AV	75.00	200	Horizontal	Pass
2	2442.400	107.23	-9.83	74.0	-33.23	Peak	122.00	200	Horizontal	N/A
2**	2442.400	98.91	-9.83	54.0	-44.91	AV	122.00	200	Horizontal	N/A
3	4993.250	49.57	-3.20	74.0	24.43	Peak	16.00	150	Horizontal	Pass
3**	4993.250	39.67	-3.20	54.0	14.33	AV	16.00	150	Horizontal	Pass
4	7490.250	53.59	1.43	74.0	20.41	Peak	58.00	400	Horizontal	Pass
4**	7490.250	43.69	1.43	54.0	10.31	AV	58.00	400	Horizontal	Pass
5	11807.126	52.48	-0.23	74.0	21.52	Peak	356.00	300	Horizontal	Pass
5**	11807.126	42.88	-0.23	54.0	11.12	AV	356.00	300	Horizontal	Pass
6	16407.676	54.79	3.06	74.0	19.21	Peak	256.00	100	Horizontal	Pass
6**	16407.676	45.74	3.06	54.0	8.26	AV	256.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1209.100	49.87	-17.84	74.0	24.13	Peak	44.00	100	Vertical	Pass
1**	1209.100	41.74	-17.84	54.0	12.26	AV	44.00	100	Vertical	Pass
2	2456.300	105.32	-10.82	74.0	-31.32	Peak	66.00	100	Vertical	N/A
2**	2456.300	97.38	-10.82	54.0	-43.38	AV	66.00	100	Vertical	N/A
3	4911.250	49.64	-3.40	74.0	24.36	Peak	215.00	150	Vertical	Pass
3**	4911.250	40.14	-3.40	54.0	13.86	AV	215.00	150	Vertical	Pass
4	7837.000	52.91	1.12	74.0	21.09	Peak	302.00	400	Vertical	Pass
4**	7837.000	43.67	1.12	54.0	10.33	AV	302.00	400	Vertical	Pass
5	11778.150	52.15	-0.17	74.0	21.85	Peak	159.00	400	Vertical	Pass
5**	11778.150	42.94	-0.17	54.0	11.06	AV	159.00	400	Vertical	Pass
6	16830.301	54.36	2.74	74.0	19.64	Peak	241.00	300	Vertical	Pass
6**	16830.301	44.48	2.74	54.0	9.52	AV	241.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.500	42.13	-17.52	74.0	31.87	Peak	191.00	300	Horizontal	Pass
1**	1197.500	33.96	-17.52	54.0	20.04	AV	191.00	300	Horizontal	Pass
2	2413.200	110.83	-10.45	74.0	-36.83	Peak	229.00	200	Horizontal	N/A
2**	2413.200	103.73	-10.45	54.0	-49.73	AV	229.00	200	Horizontal	N/A
3	4932.250	49.18	-3.20	74.0	24.82	Peak	58.00	200	Horizontal	Pass
3**	4932.250	40.32	-3.20	54.0	13.68	AV	58.00	200	Horizontal	Pass
4	7751.250	53.34	0.46	74.0	20.66	Peak	121.00	400	Horizontal	Pass
4**	7751.250	44.47	0.46	54.0	9.53	AV	121.00	400	Horizontal	Pass
5	12550.974	51.97	1.13	74.0	22.03	Peak	110.00	300	Horizontal	Pass
5**	12550.974	42.41	1.13	54.0	11.59	AV	110.00	300	Horizontal	Pass
6	17382.339	53.84	4.60	74.0	20.16	Peak	52.00	100	Horizontal	Pass
6**	17382.339	43.56	4.60	54.0	10.44	AV	52.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1213.400	47.87	-17.25	74.0	26.13	Peak	217.00	300	Vertical	Pass
1**	1213.400	37.67	-17.25	54.0	16.33	AV	217.00	300	Vertical	Pass
2	2410.600	108.09	-10.39	74.0	-34.09	Peak	310.00	200	Vertical	N/A
2**	2410.600	100.55	-10.39	54.0	-46.55	AV	310.00	200	Vertical	N/A
3	4830.750	47.39	-3.78	74.0	26.61	Peak	47.00	200	Vertical	Pass
3**	4830.750	43.58	-3.78	54.0	10.42	AV	47.00	200	Vertical	Pass
4	7483.500	53.36	1.28	74.0	20.64	Peak	300.00	100	Vertical	Pass
4**	7483.500	44.61	1.28	54.0	9.39	AV	300.00	100	Vertical	Pass
5	12267.162	51.82	0.92	74.0	22.18	Peak	18.00	200	Vertical	Pass
5**	12267.162	42.50	0.92	54.0	11.50	AV	18.00	200	Vertical	Pass
6	16407.937	54.48	3.06	74.0	19.52	Peak	235.00	400	Vertical	Pass
6**	16407.937	45.05	3.06	54.0	8.95	AV	235.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1225.900	42.18	-17.76	74.0	31.82	Peak	17.00	200	Horizontal	Pass
1**	1225.900	32.56	-17.76	54.0	21.44	AV	17.00	200	Horizontal	Pass
2	2435.800	110.91	-10.14	74.0	-36.91	Peak	230.00	200	Horizontal	N/A
2**	2435.800	104.20	-10.14	54.0	-50.20	AV	230.00	200	Horizontal	N/A
3	4987.500	49.44	-3.18	74.0	24.56	Peak	188.00	200	Horizontal	Pass
3**	4987.500	40.16	-3.18	54.0	13.84	AV	188.00	200	Horizontal	Pass
4	7819.500	52.98	1.38	74.0	21.02	Peak	188.00	100	Horizontal	Pass
4**	7819.500	43.23	1.38	54.0	10.77	AV	188.00	100	Horizontal	Pass
5	12325.112	52.02	0.70	74.0	21.98	Peak	257.00	100	Horizontal	Pass
5**	12325.112	43.33	0.70	54.0	10.67	AV	257.00	100	Horizontal	Pass
6	16667.025	54.56	2.64	74.0	19.44	Peak	26.00	300	Horizontal	Pass
6**	16667.025	44.17	2.64	54.0	9.83	AV	26.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1226.500	46.63	-17.55	74.0	27.37	Peak	214.00	200	Vertical	Pass
1**	1226.500	37.11	-17.55	54.0	16.89	AV	214.00	200	Vertical	Pass
2	2437.900	109.24	-10.28	74.0	-35.24	Peak	310.00	100	Vertical	N/A
2**	2437.900	101.82	-10.28	54.0	-47.82	AV	310.00	100	Vertical	N/A
3	4876.000	50.26	-3.46	74.0	23.74	Peak	38.00	100	Vertical	Pass
3**	4876.000	41.33	-3.46	54.0	12.67	AV	38.00	100	Vertical	Pass
4	7769.000	52.85	1.54	74.0	21.15	Peak	314.00	100	Vertical	Pass
4**	7769.000	44.40	1.54	54.0	9.60	AV	314.00	100	Vertical	Pass
5	12279.987	51.99	0.77	74.0	22.01	Peak	99.00	200	Vertical	Pass
5**	12279.987	43.37	0.77	54.0	10.63	AV	99.00	200	Vertical	Pass
6	17310.675	55.09	2.73	74.0	18.91	Peak	249.00	400	Vertical	Pass
6**	17310.675	45.46	2.73	54.0	8.54	AV	249.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1223.200	42.01	-17.49	74.0	31.99	Peak	243.00	100	Horizontal	Pass
1**	1223.200	33.68	-17.49	54.0	20.32	AV	243.00	100	Horizontal	Pass
2	2463.000	109.83	-11.43	74.0	-35.83	Peak	345.00	150	Horizontal	N/A
2**	2463.000	102.39	-11.43	54.0	-48.39	AV	345.00	150	Horizontal	N/A
3	4966.000	49.10	-3.53	74.0	24.90	Peak	157.00	200	Horizontal	Pass
3**	4966.000	40.16	-3.53	54.0	13.84	AV	157.00	200	Horizontal	Pass
4	7352.250	53.67	0.44	74.0	20.33	Peak	0.00	400	Horizontal	Pass
4**	7352.250	44.79	0.44	54.0	9.21	AV	0.00	400	Horizontal	Pass
5	12279.037	52.32	0.79	74.0	21.68	Peak	75.00	300	Horizontal	Pass
5**	12279.037	43.55	0.79	54.0	10.45	AV	75.00	300	Horizontal	Pass
6	16407.676	54.60	3.06	74.0	19.40	Peak	358.00	200	Horizontal	Pass
6**	16407.676	45.79	3.06	54.0	8.21	AV	358.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1238.400	44.84	-17.29	74.0	29.16	Peak	215.00	300	Vertical	Pass
1**	1238.400	36.12	-17.29	54.0	17.88	AV	215.00	300	Vertical	Pass
2	2463.500	108.86	-11.26	74.0	-34.86	Peak	305.00	200	Vertical	N/A
2**	2463.500	100.97	-11.26	54.0	-46.97	AV	305.00	200	Vertical	N/A
3	4915.750	49.35	-3.48	74.0	24.65	Peak	239.00	200	Vertical	Pass
3**	4915.750	39.59	-3.48	54.0	14.41	AV	239.00	200	Vertical	Pass
4	7768.750	53.20	1.52	74.0	20.80	Peak	32.00	200	Vertical	Pass
4**	7768.750	44.81	1.52	54.0	9.19	AV	32.00	200	Vertical	Pass
5	12101.387	51.98	-0.19	74.0	22.02	Peak	338.00	100	Vertical	Pass
5**	12101.387	42.79	-0.19	54.0	11.21	AV	338.00	100	Vertical	Pass
6	17297.551	54.73	2.63	74.0	19.27	Peak	332.00	200	Vertical	Pass
6**	17297.551	44.79	2.63	54.0	9.21	AV	332.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1192.500	45.35	-17.61	74.0	28.65	Peak	250.00	200	Horizontal	Pass
1**	1192.500	36.95	-17.61	54.0	17.05	AV	250.00	200	Horizontal	Pass
2	2416.300	110.26	-10.25	74.0	-36.26	Peak	224.00	150	Horizontal	N/A
2**	2416.300	99.45	-10.25	54.0	-45.45	AV	224.00	150	Horizontal	N/A
3	4950.500	48.92	-3.63	74.0	25.08	Peak	198.00	200	Horizontal	Pass
3**	4950.500	39.85	-3.63	54.0	14.15	AV	198.00	200	Horizontal	Pass
4	7585.500	52.98	0.66	74.0	21.02	Peak	0.00	200	Horizontal	Pass
4**	7585.500	43.08	0.66	54.0	10.92	AV	0.00	200	Horizontal	Pass
5	11781.474	53.01	-0.16	74.0	20.99	Peak	91.00	200	Horizontal	Pass
5**	11781.474	43.16	-0.16	54.0	10.84	AV	91.00	200	Horizontal	Pass
6	17424.863	54.78	5.50	74.0	19.22	Peak	203.00	200	Horizontal	Pass
6**	17424.863	43.99	5.50	54.0	10.01	AV	203.00	200	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1193.100	50.39	-17.65	74.0	23.61	Peak	219.00	300	Vertical	Pass
1**	1193.100	40.93	-17.65	54.0	13.07	AV	219.00	300	Vertical	Pass
2	2426.000	107.50	-10.10	74.0	-33.50	Peak	238.00	100	Vertical	N/A
2**	2426.000	98.64	-10.10	54.0	-44.64	AV	238.00	100	Vertical	N/A
3	4961.000	49.78	-3.67	74.0	24.22	Peak	157.00	200	Vertical	Pass
3**	4961.000	39.59	-3.67	54.0	14.41	AV	157.00	200	Vertical	Pass
4	7712.750	52.84	1.76	74.0	21.16	Peak	157.00	300	Vertical	Pass
4**	7712.750	43.55	1.76	54.0	10.45	AV	157.00	300	Vertical	Pass
5	11778.862	52.33	-0.17	74.0	21.67	Peak	360.00	300	Vertical	Pass
5**	11778.862	43.12	-0.17	54.0	10.88	AV	360.00	300	Vertical	Pass
6	17279.963	54.75	2.56	74.0	19.25	Peak	273.00	400	Vertical	Pass
6**	17279.963	44.44	2.56	54.0	9.56	AV	273.00	400	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.900	44.77	-17.65	74.0	29.23	Peak	279.00	200	Horizontal	Pass
1**	1199.900	37.94	-17.65	54.0	16.06	AV	279.00	200	Horizontal	Pass
2	2438.600	108.80	-10.02	74.0	-34.80	Peak	353.00	100	Horizontal	N/A
2**	2438.600	100.11	-10.02	54.0	-46.11	AV	353.00	100	Horizontal	N/A
3	4813.500	50.37	-2.98	74.0	23.63	Peak	279.00	100	Horizontal	Pass
3**	4813.500	41.86	-2.98	54.0	12.14	AV	279.00	100	Horizontal	Pass
4	7356.250	53.29	0.53	74.0	20.71	Peak	174.00	400	Horizontal	Pass
4**	7356.250	43.83	0.53	54.0	10.17	AV	174.00	400	Horizontal	Pass
5	12288.775	52.51	0.68	74.0	21.49	Peak	246.00	100	Horizontal	Pass
5**	12288.775	42.56	0.68	54.0	11.44	AV	246.00	100	Horizontal	Pass
6	16423.687	54.08	2.85	74.0	19.92	Peak	247.00	300	Horizontal	Pass
6**	16423.687	45.02	2.85	54.0	8.98	AV	247.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.500	50.60	-17.84	74.0	23.40	Peak	210.00	400	Vertical	Pass
1**	1202.500	40.00	-17.84	54.0	14.00	AV	210.00	400	Vertical	Pass
2	2439.700	107.89	-10.30	74.0	-33.89	Peak	302.00	200	Vertical	N/A
2**	2439.700	99.10	-10.30	54.0	-45.10	AV	302.00	200	Vertical	N/A
3	4836.750	48.82	-3.78	74.0	25.18	Peak	127.00	200	Vertical	Pass
3**	4836.750	39.59	-3.78	54.0	14.41	AV	127.00	200	Vertical	Pass
4	7487.750	53.18	1.49	74.0	20.82	Peak	213.00	400	Vertical	Pass
4**	7487.750	43.57	1.49	54.0	10.43	AV	213.00	400	Vertical	Pass
5	11790.262	51.99	-0.15	74.0	22.01	Peak	183.00	100	Vertical	Pass
5**	11790.262	43.91	-0.15	54.0	10.09	AV	183.00	100	Vertical	Pass
6	17320.913	54.51	2.83	74.0	19.49	Peak	308.00	200	Vertical	Pass
6**	17320.913	45.10	2.83	54.0	8.90	AV	308.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.700	44.81	-17.78	74.0	29.19	Peak	22.00	300	Horizontal	Pass
1**	1207.700	36.14	-17.78	54.0	17.86	AV	22.00	300	Horizontal	Pass
2	2439.300	108.81	-10.34	74.0	-34.81	Peak	338.00	150	Horizontal	N/A
2**	2439.300	98.15	-10.34	54.0	-44.15	AV	338.00	150	Horizontal	N/A
3	4933.000	48.75	-3.49	74.0	25.25	Peak	360.00	100	Horizontal	Pass
3**	4933.000	39.91	-3.49	54.0	14.09	AV	360.00	100	Horizontal	Pass
4	7840.500	53.18	1.36	74.0	20.82	Peak	33.00	100	Horizontal	Pass
4**	7840.500	43.34	1.36	54.0	10.66	AV	33.00	100	Horizontal	Pass
5	11786.225	52.56	-0.16	74.0	21.44	Peak	203.00	100	Horizontal	Pass
5**	11786.225	42.48	-0.16	54.0	11.52	AV	203.00	100	Horizontal	Pass
6	16415.813	53.86	2.96	74.0	20.14	Peak	261.00	100	Horizontal	Pass
6**	16415.813	45.38	2.96	54.0	8.62	AV	261.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1207.700	52.10	-17.78	74.0	21.90	Peak	221.00	100	Vertical	Pass
1**	1207.700	41.80	-17.78	54.0	12.20	AV	221.00	100	Vertical	Pass
2	2448.800	108.51	-10.22	74.0	-34.51	Peak	299.00	100	Vertical	N/A
2**	2448.800	98.63	-10.22	54.0	-44.63	AV	299.00	100	Vertical	N/A
3	4935.250	49.57	-3.45	74.0	24.43	Peak	94.00	200	Vertical	Pass
3**	4935.250	39.69	-3.45	54.0	14.31	AV	94.00	200	Vertical	Pass
4	7872.250	53.19	1.70	74.0	20.81	Peak	161.00	300	Vertical	Pass
4**	7872.250	43.87	1.70	54.0	10.13	AV	161.00	300	Vertical	Pass
5	12313.000	52.74	0.63	74.0	21.26	Peak	315.00	200	Vertical	Pass
5**	12313.000	43.35	0.63	54.0	10.65	AV	315.00	200	Vertical	Pass
6	16430.250	53.97	2.76	74.0	20.03	Peak	341.00	300	Vertical	Pass
6**	16430.250	44.76	2.76	54.0	9.24	AV	341.00	300	Vertical	Pass

A.7 Band Edge (Restricted-band band-edge)

Note ¹: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

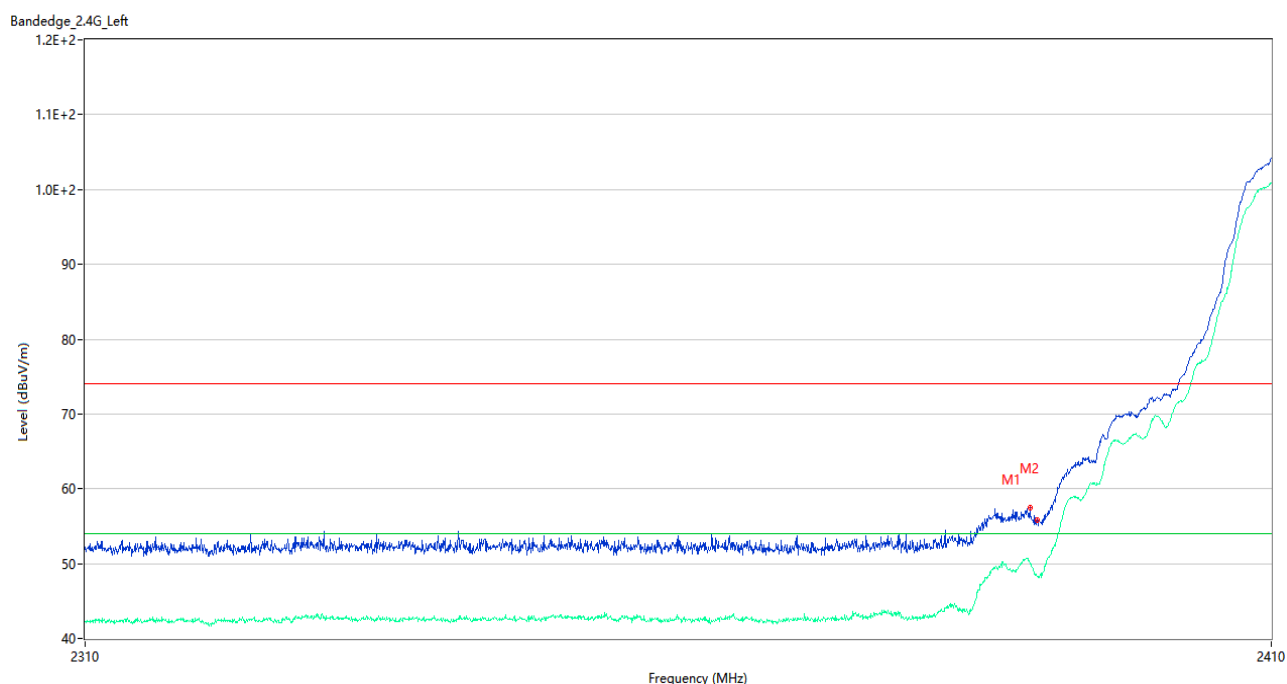
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

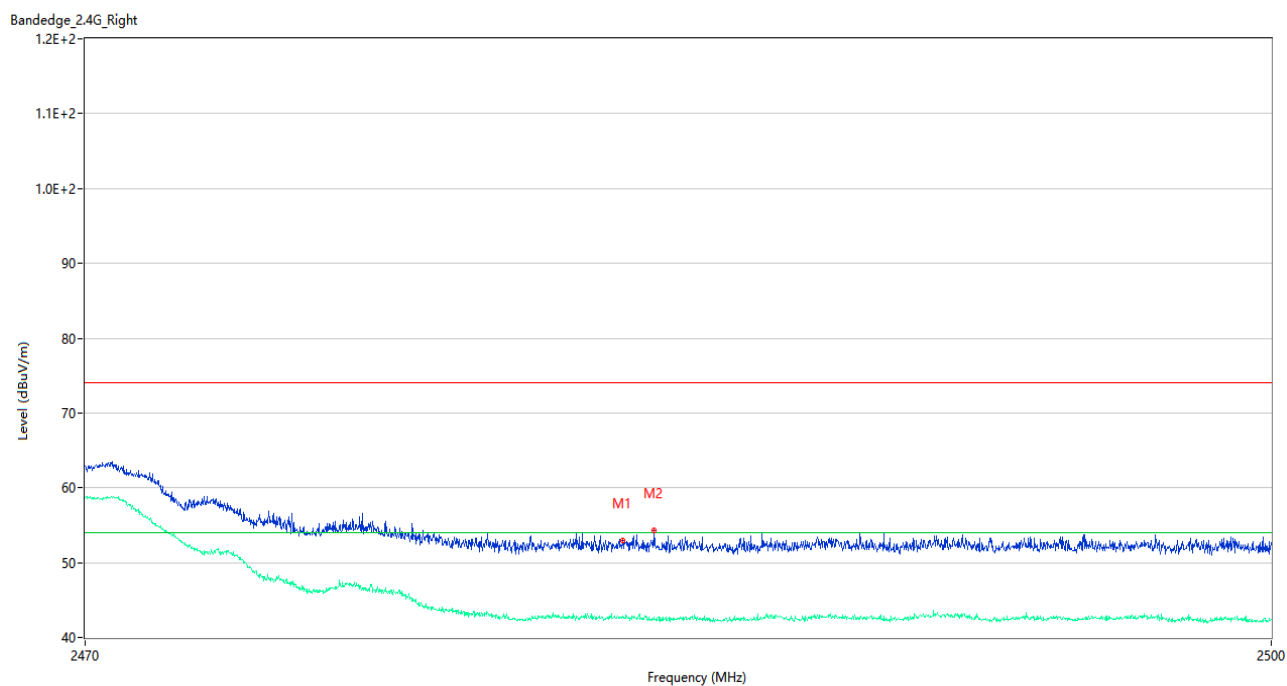
Test Data and Plots

802.11b LOW CHANNEL



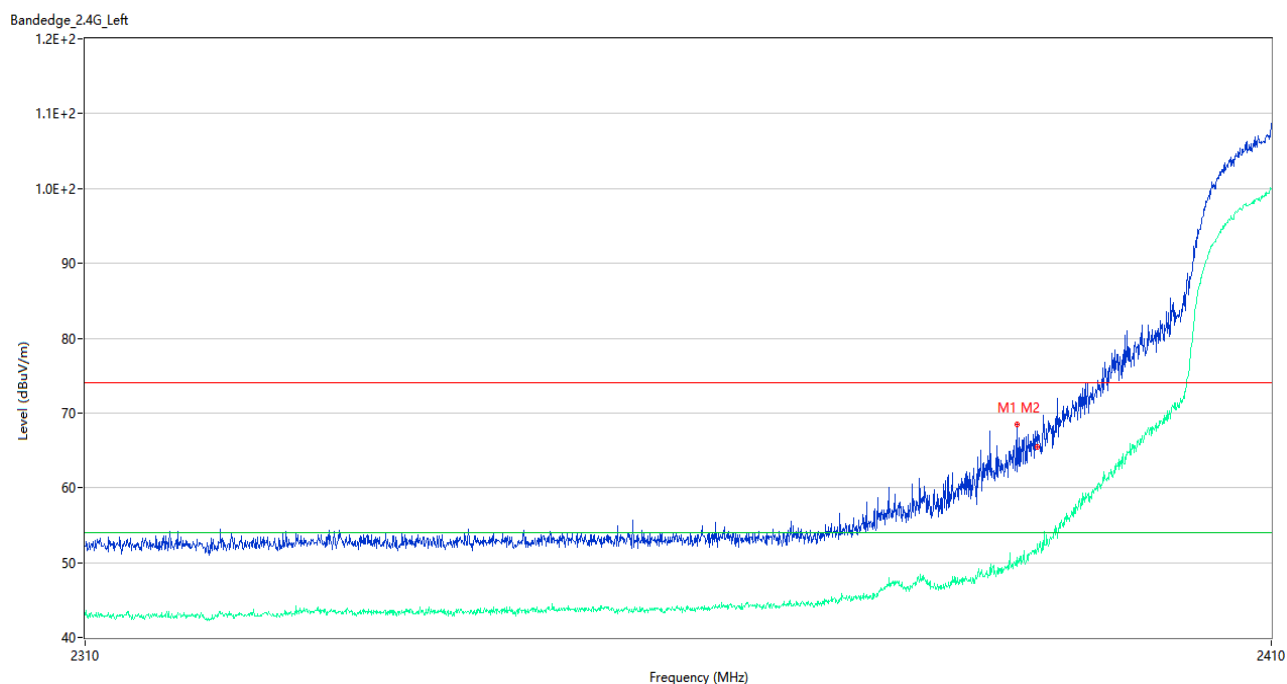
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.300	57.46	-1.83	74.0	16.54	Peak	118.00	100	Horizontal	Pass
1**	2389.300	49.97	-1.83	54.0	4.03	AV	118.00	100	Horizontal	Pass
2	2389.950	55.76	-1.82	74.0	18.24	Peak	14.00	150	Horizontal	Pass
2**	2389.950	48.22	-1.82	54.0	5.78	AV	14.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



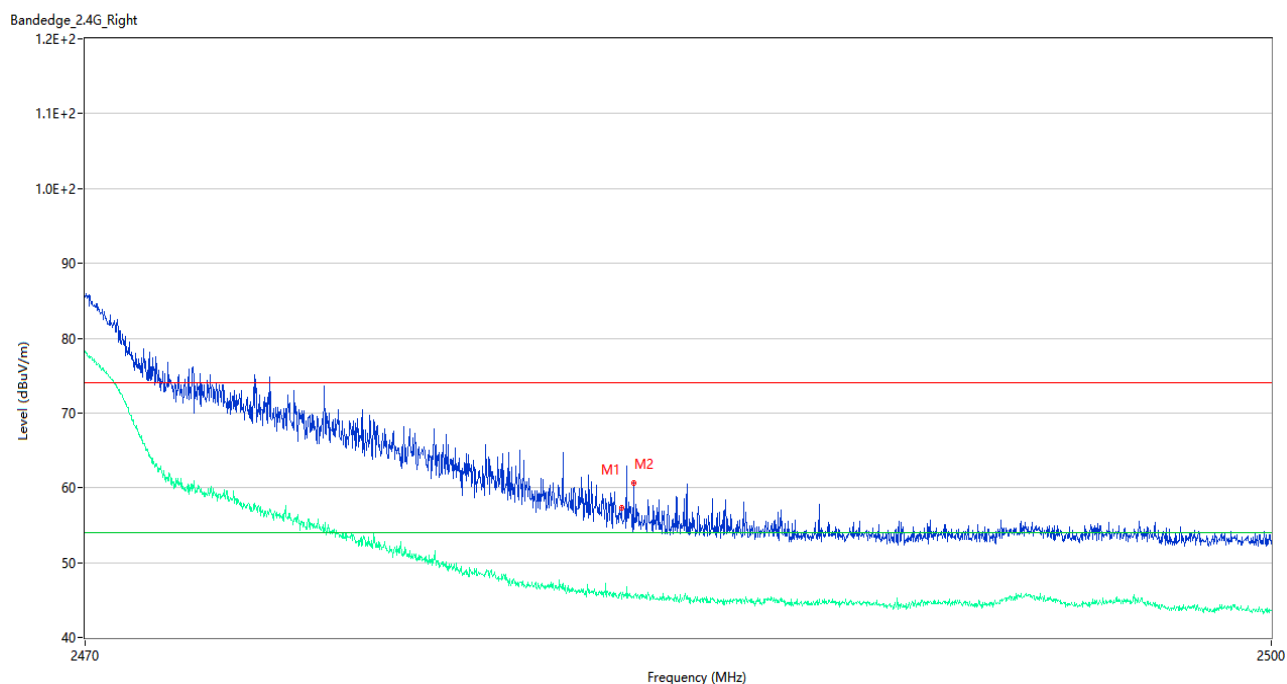
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.560	52.99	-1.09	74.0	21.01	Peak	9.00	100	Horizontal	Pass
1**	2483.560	42.76	-1.09	54.0	11.24	AV	9.00	100	Horizontal	Pass
2	2484.355	54.26	-1.19	74.0	19.74	Peak	240.00	200	Horizontal	Pass
2**	2484.355	42.66	-1.19	54.0	11.34	AV	240.00	200	Horizontal	Pass

802.11g LOW CHANNEL



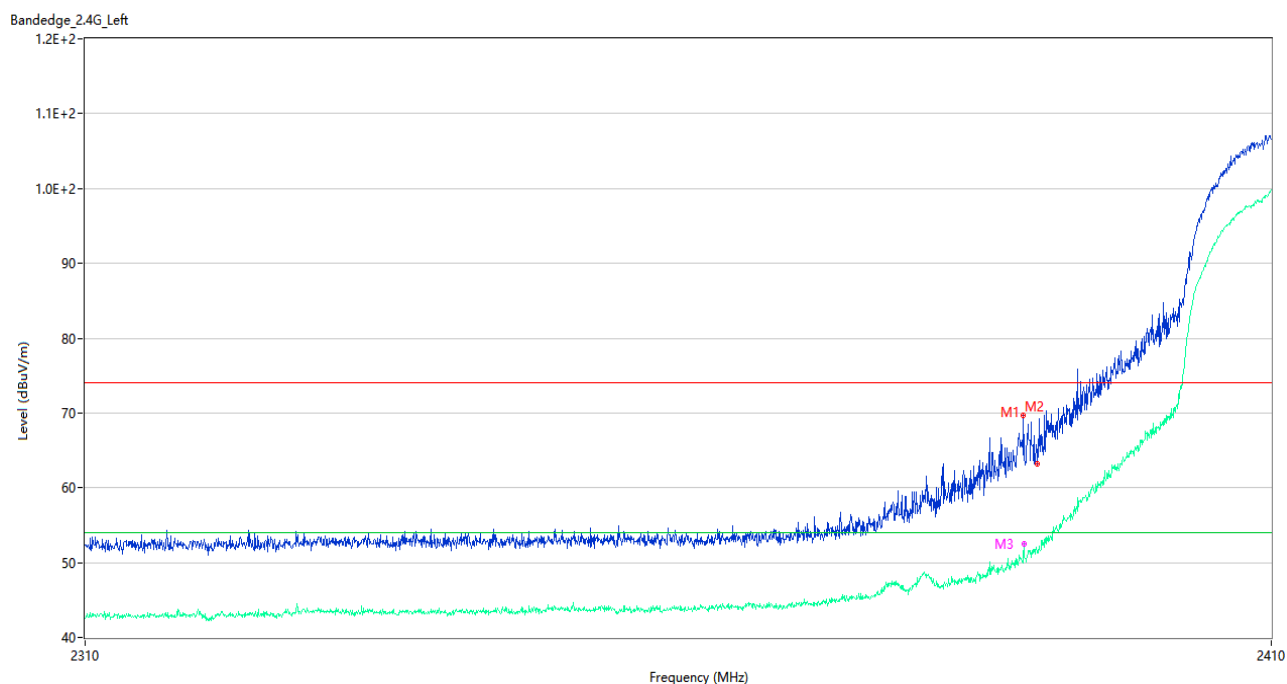
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.200	68.54	-1.77	74.0	5.46	Peak	215.00	200	Horizontal	Pass
1**	2388.200	49.55	-1.77	54.0	4.45	AV	215.00	200	Horizontal	Pass
2	2389.950	65.49	-1.82	74.0	8.51	Peak	215.00	100	Horizontal	Pass
2**	2389.950	52.48	-1.82	54.0	1.52	AV	215.00	100	Horizontal	Pass

802.11g HIGH CHANNEL



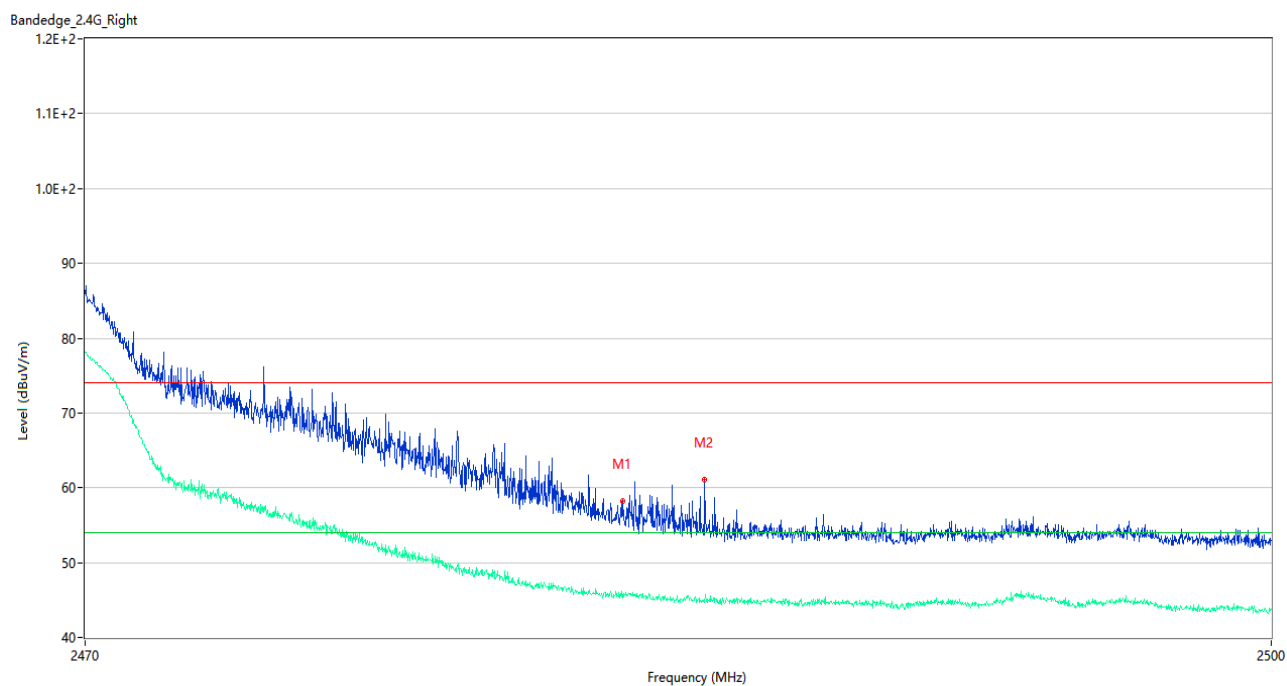
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	57.39	-1.10	74.0	16.61	Peak	9.00	200	Horizontal	Pass
1**	2483.515	45.51	-1.10	54.0	8.49	AV	9.00	200	Horizontal	Pass
2	2483.830	60.61	-1.04	74.0	13.39	Peak	134.00	150	Horizontal	Pass
2**	2483.830	45.30	-1.04	54.0	8.70	AV	134.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



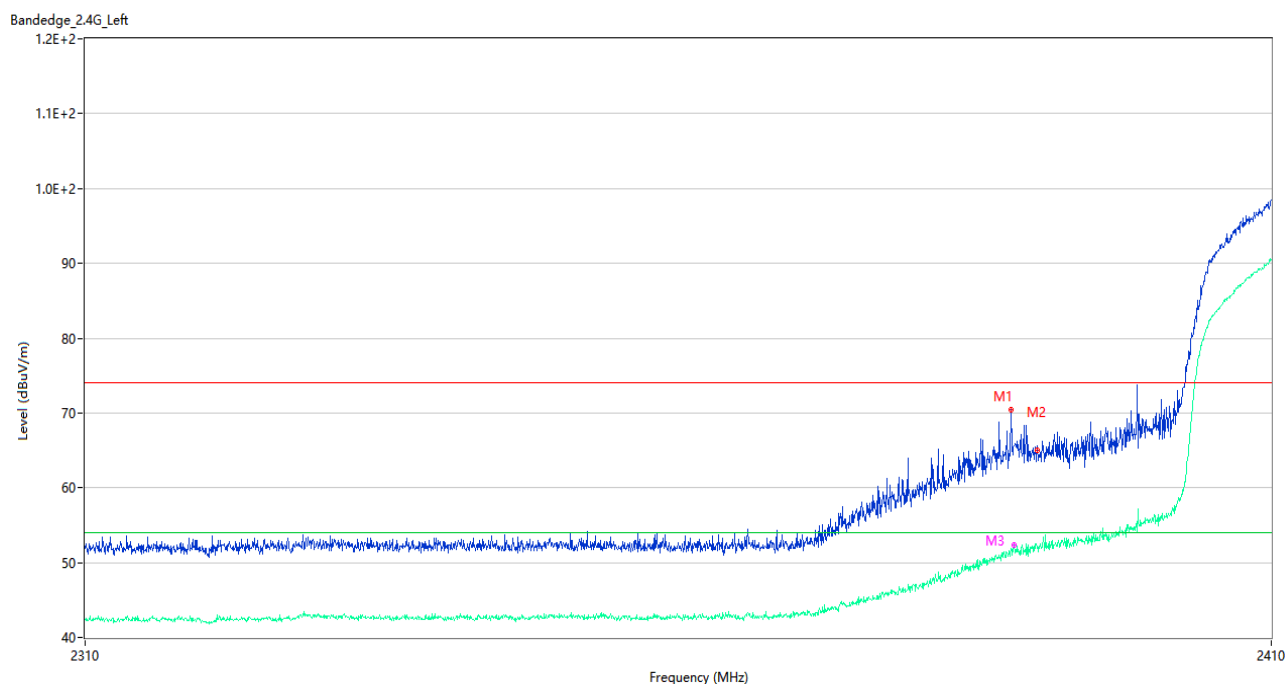
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	69.72	-1.84	74.0	4.28	Peak	251.00	150	Horizontal	Pass
1**	2388.750	50.76	-1.84	54.0	3.24	AV	251.00	150	Horizontal	Pass
2	2389.950	63.20	-1.82	74.0	10.80	Peak	227.00	200	Horizontal	Pass
2**	2389.950	51.54	-1.82	54.0	2.46	AV	227.00	200	Horizontal	Pass
3	2388.800	64.77	-1.85	74.0	9.23	Peak	115.00	200	Horizontal	Pass
3**	2388.800	52.57	-1.85	54.0	1.43	AV	115.00	200	Horizontal	Pass

802.11n20 HIGH CHANNEL



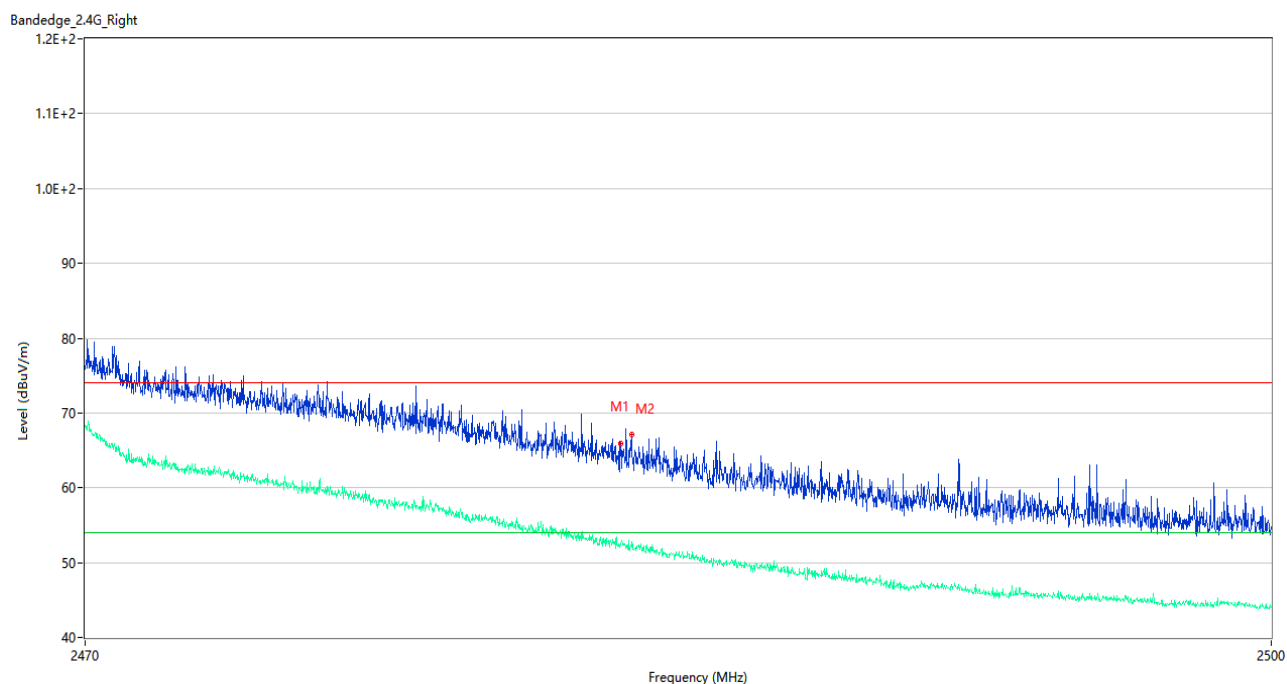
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	58.17	-1.09	74.0	15.83	Peak	119.00	200	Horizontal	Pass
1**	2483.545	45.33	-1.09	54.0	8.67	AV	119.00	200	Horizontal	Pass
2	2485.630	61.05	-1.10	74.0	12.95	Peak	125.00	150	Horizontal	Pass
2**	2485.630	44.73	-1.10	54.0	9.27	AV	125.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



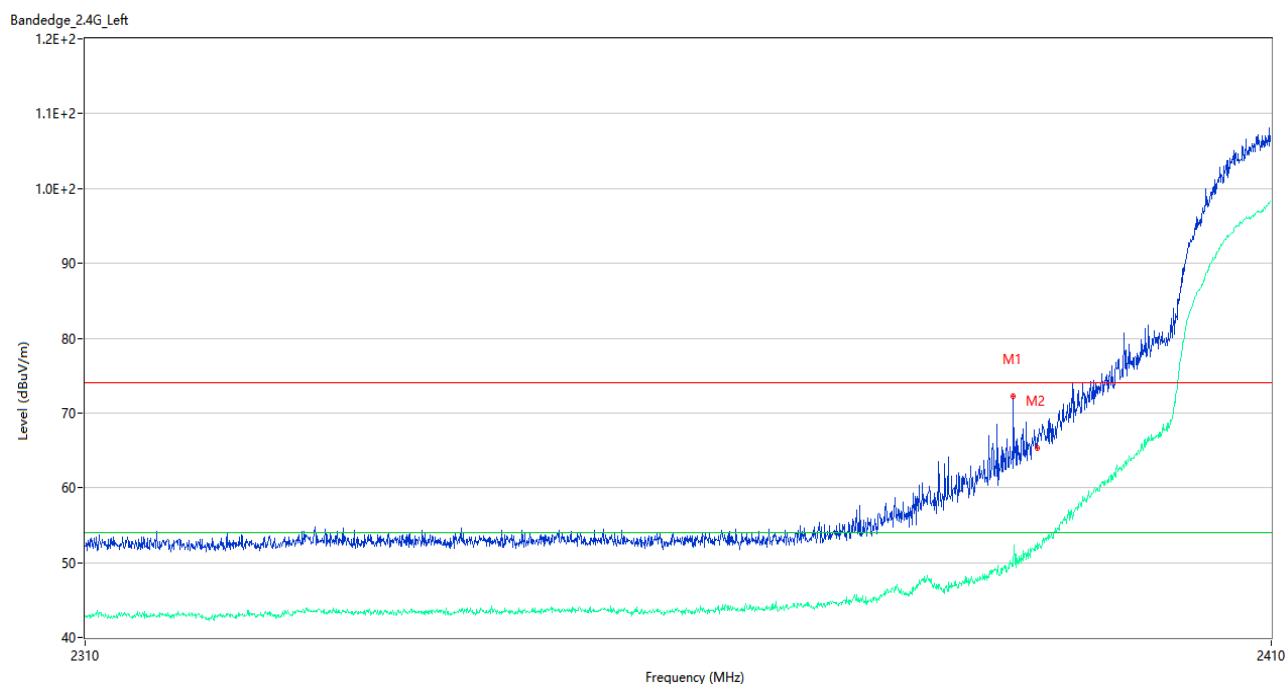
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.700	70.46	-1.68	74.0	3.54	Peak	255.00	150	Horizontal	Pass
1**	2387.700	51.83	-1.68	54.0	2.17	AV	255.00	150	Horizontal	Pass
2	2389.950	65.08	-1.82	74.0	8.92	Peak	221.00	100	Horizontal	Pass
2**	2389.950	51.97	-1.82	54.0	2.03	AV	221.00	100	Horizontal	Pass
3	2387.950	65.57	-1.65	74.0	8.43	Peak	118.00	100	Horizontal	Pass
3**	2387.950	52.42	-1.65	54.0	1.58	AV	118.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL



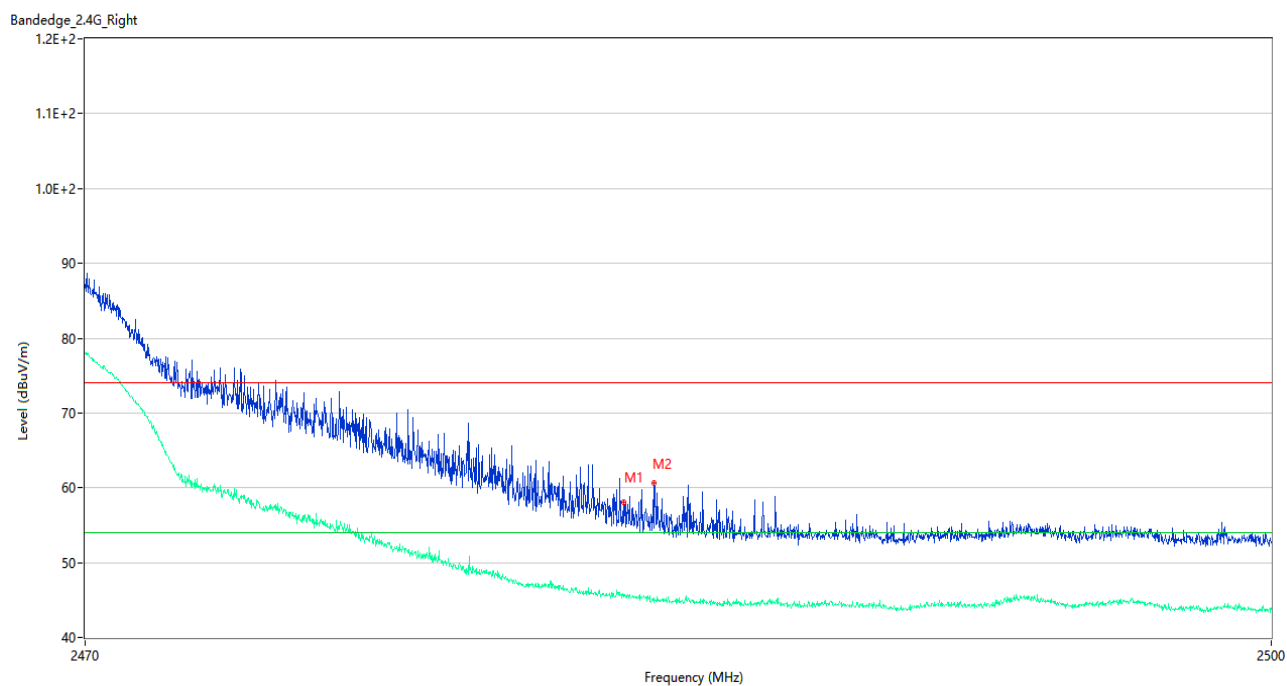
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.90	-1.10	74.0	8.10	Peak	252.00	100	Horizontal	Pass
1**	2483.500	52.54	-1.10	54.0	1.46	AV	252.00	100	Horizontal	Pass
2	2483.770	67.06	-1.05	74.0	6.94	Peak	222.00	150	Horizontal	Pass
2**	2483.770	52.12	-1.05	54.0	1.88	AV	222.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



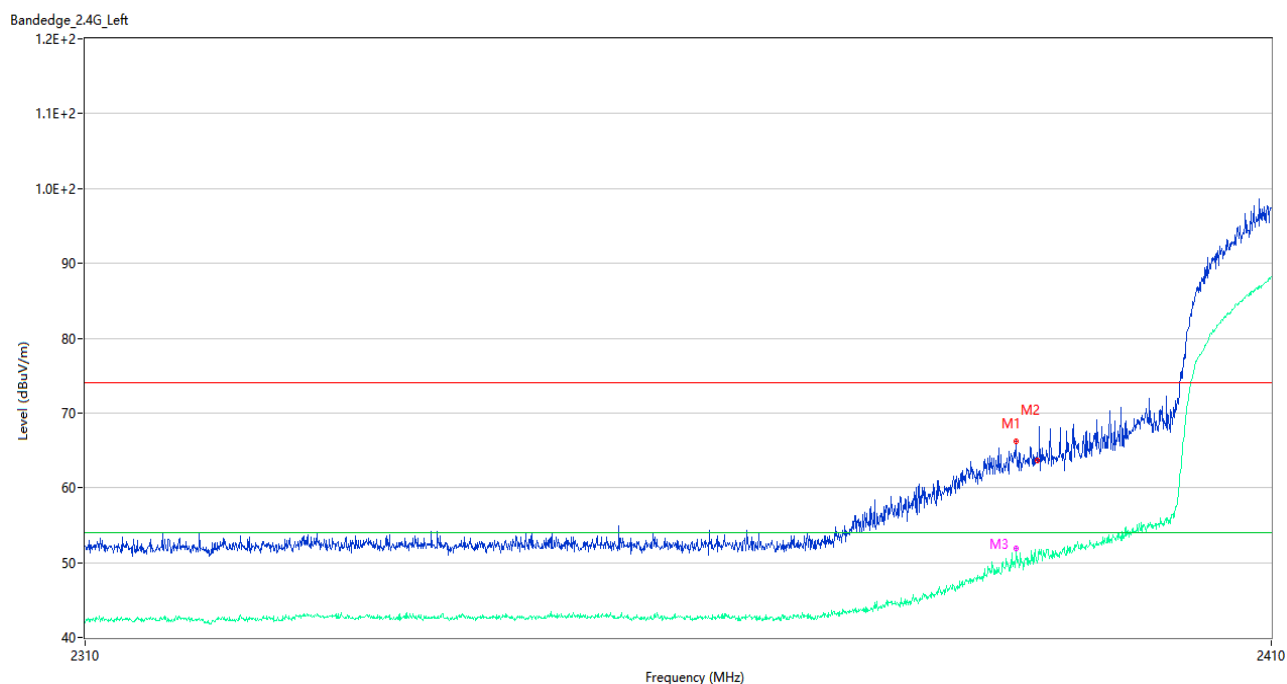
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.900	72.21	-1.62	74.0	1.79	Peak	228.00	150	Horizontal	Pass
1**	2387.900	49.51	-1.62	54.0	4.49	AV	228.00	150	Horizontal	Pass
2	2389.950	65.33	-1.82	74.0	8.67	Peak	225.00	150	Horizontal	Pass
2**	2389.950	52.62	-1.82	54.0	1.38	AV	225.00	150	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL



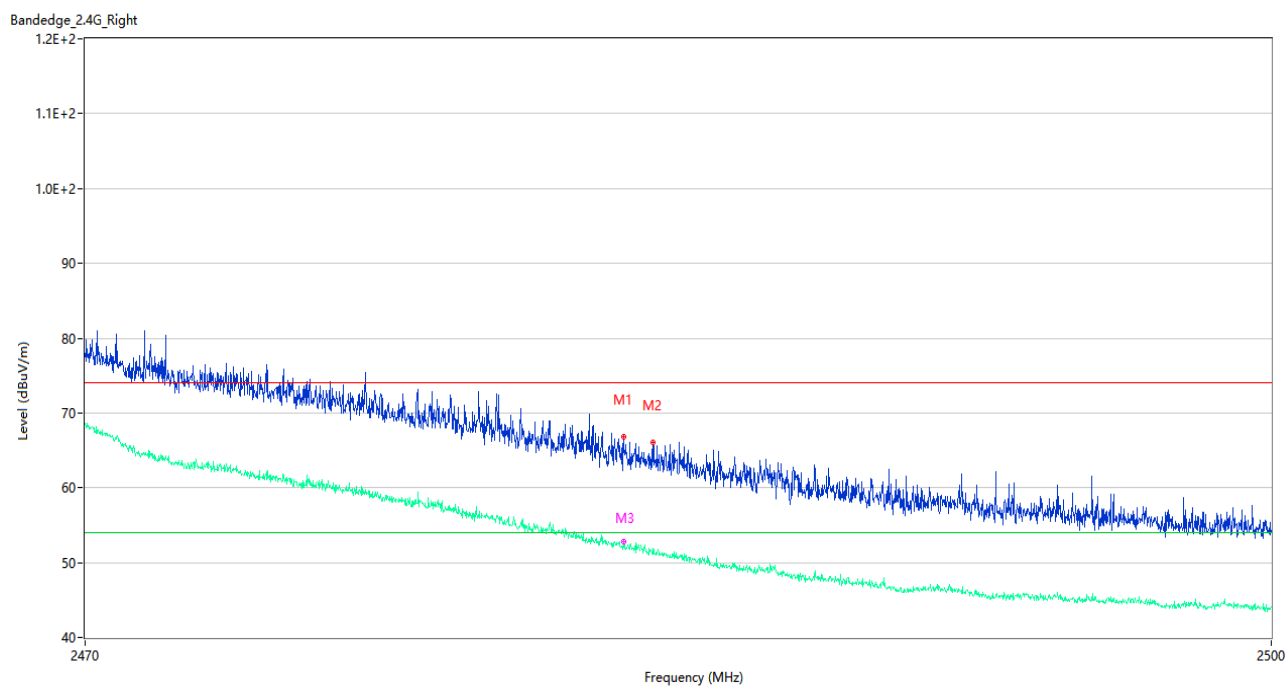
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	58.07	-1.09	74.0	15.93	Peak	356.00	100	Horizontal	Pass
1**	2483.575	45.42	-1.09	54.0	8.58	AV	356.00	100	Horizontal	Pass
2	2484.340	60.64	-1.19	74.0	13.36	Peak	244.00	150	Horizontal	Pass
2**	2484.340	44.74	-1.19	54.0	9.26	AV	244.00	150	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.100	66.23	-1.72	74.0	7.77	Peak	249.00	200	Horizontal	Pass
1**	2388.100	50.67	-1.72	54.0	3.33	AV	249.00	200	Horizontal	Pass
2	2389.950	63.73	-1.82	74.0	10.27	Peak	254.00	100	Horizontal	Pass
2**	2389.950	50.00	-1.82	54.0	4.00	AV	254.00	100	Horizontal	Pass
3	2388.150	64.21	-1.74	74.0	9.79	Peak	252.00	100	Horizontal	Pass
3**	2388.150	52.06	-1.74	54.0	1.94	AV	252.00	100	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.575	66.76	-1.09	74.0	7.24	Peak	0.00	200	Horizontal	Pass
1**	2483.575	52.13	-1.09	54.0	1.87	AV	0.00	200	Horizontal	Pass
2	2484.310	66.08	-1.18	74.0	7.92	Peak	0.00	100	Horizontal	Pass
2**	2484.310	51.22	-1.18	54.0	2.78	AV	0.00	100	Horizontal	Pass
3	2483.590	64.82	-1.09	74.0	9.18	Peak	360.00	100	Horizontal	Pass
3**	2483.590	52.83	-1.09	54.0	1.17	AV	360.00	100	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-4.36	8
Middle	-4.97	8
High	-8.37	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.99	8
Middle	-8.93	8
High	-7.82	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.38	8
Middle	-10.53	8
High	-7.89	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.79	8
Middle	-10.70	8
High	-8.69	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.45	8
Middle	-11.72	8
High	-9.79	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.54	8
Middle	-12.17	8
High	-10.39	8

Test Plots

802.11b LOW CHANNEL



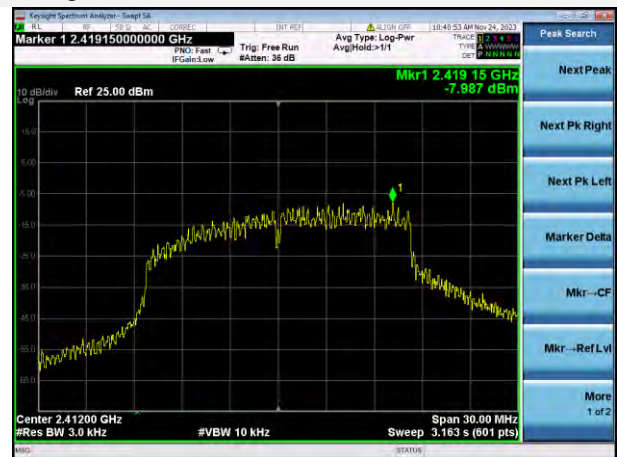
802.11b MIDDLE CHANNEL



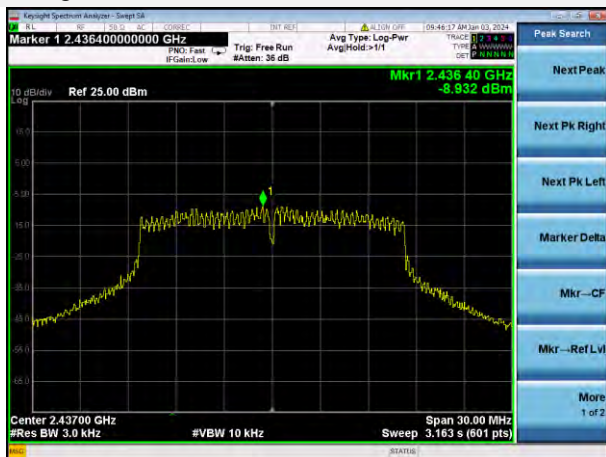
802.11b HIGH CHANNEL



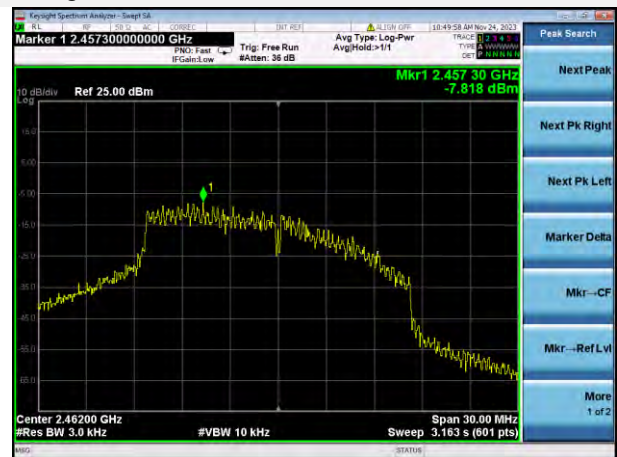
802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



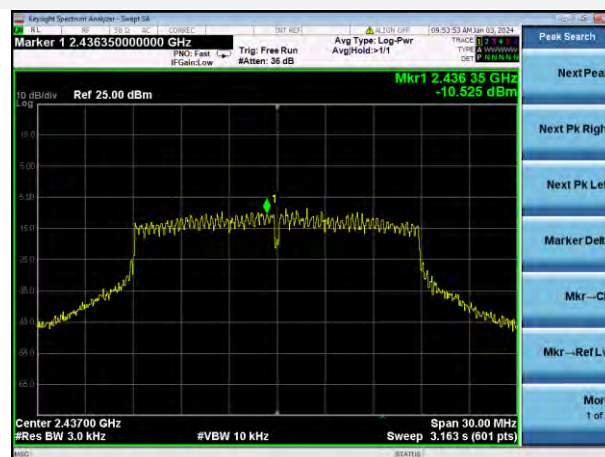
802.11g HIGH CHANNEL



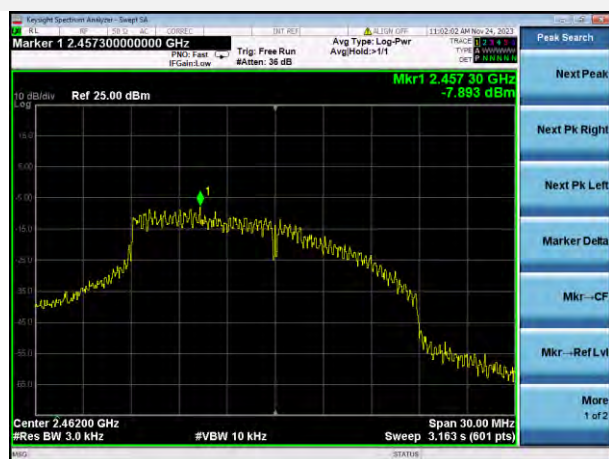
802.11n-20 MHz LOW CHANNEL



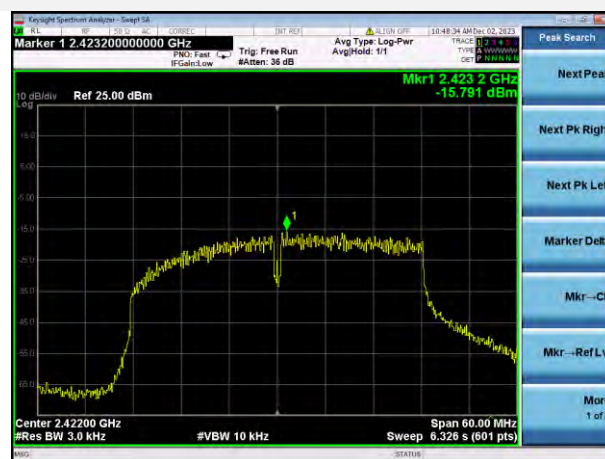
802.11n-20 MHz MIDDLE CHANNEL



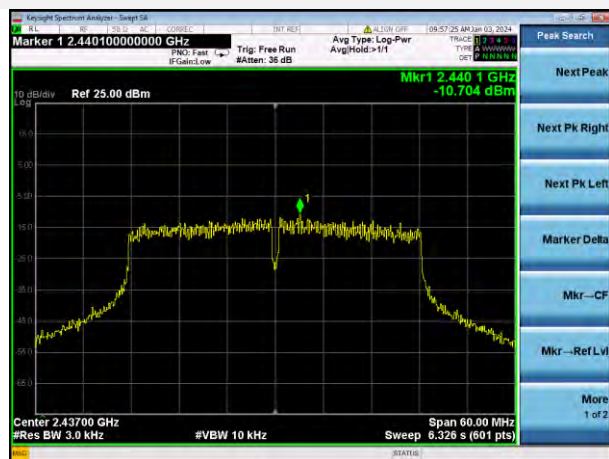
802.11n-20 MHz HIGH CHANNEL



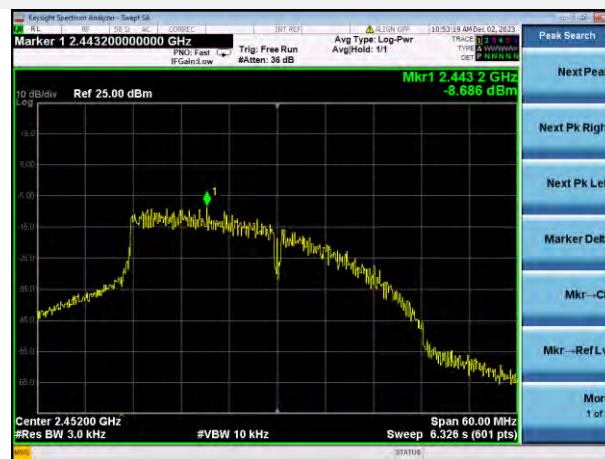
802.11n-40 MHz LOW CHANNEL



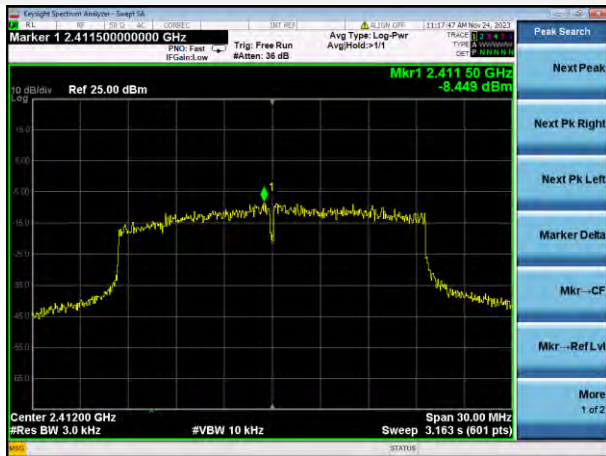
802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



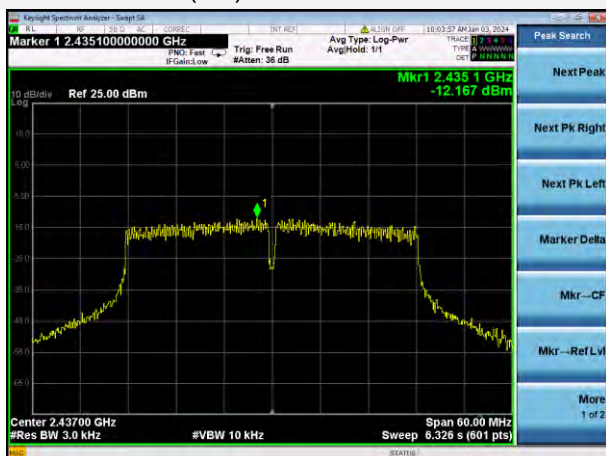
802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2390951-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2390951-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2390951-AI.PDF”.

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--END OF REPORT--