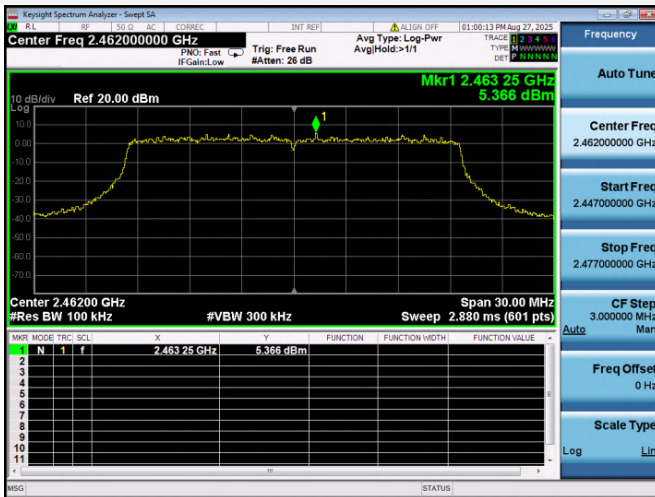
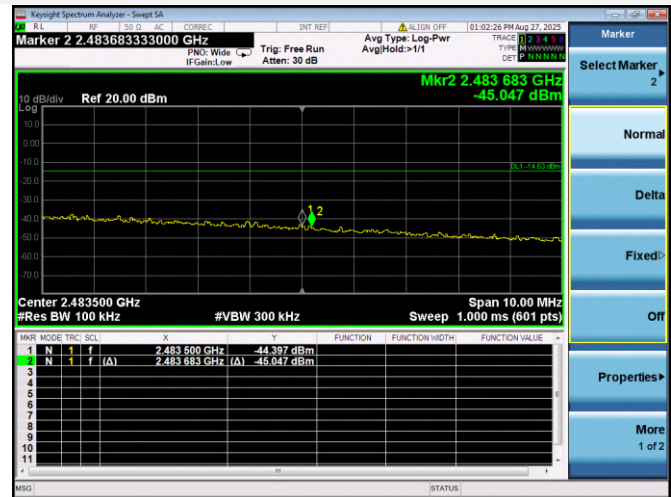


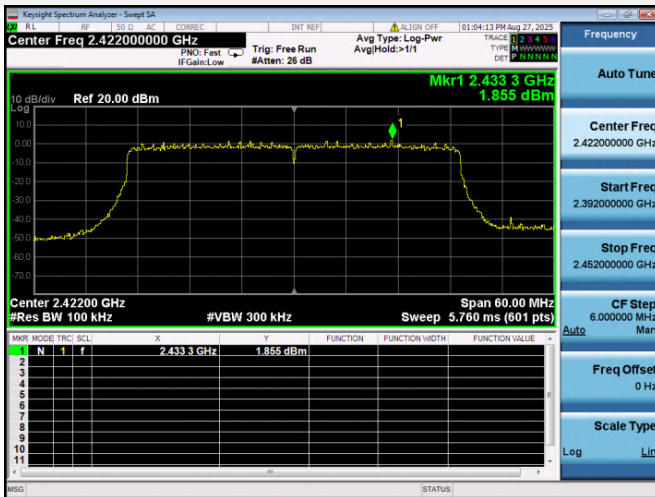
802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL



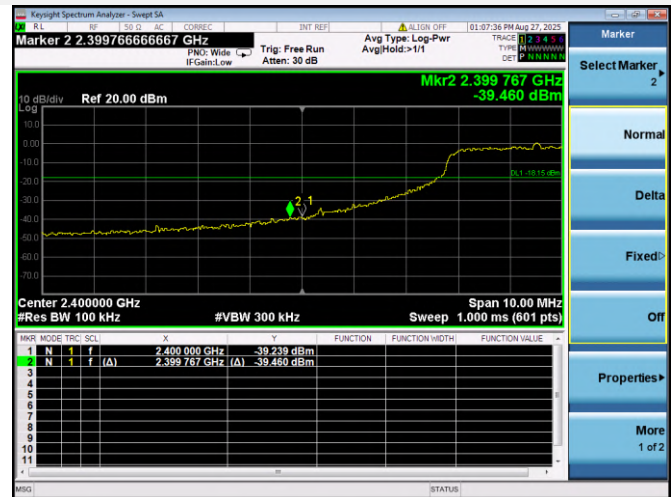
802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



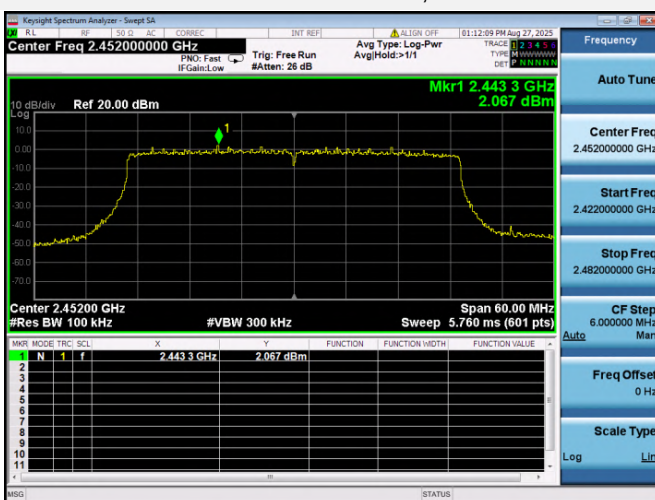
802.11ax-40 MHz LOW CHANNEL, CARRIER LEVEL



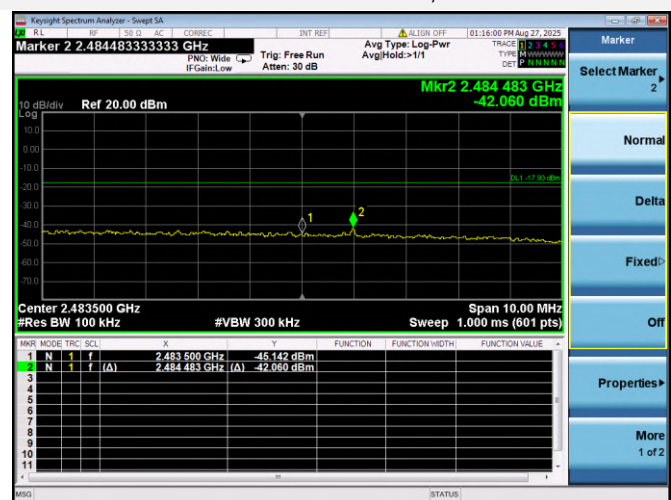
802.11ax-40 MHz LOW CHANNEL, BAND EDGE



802.11ax-40 MHz HIGH CHANNEL, CARRIER LEVEL

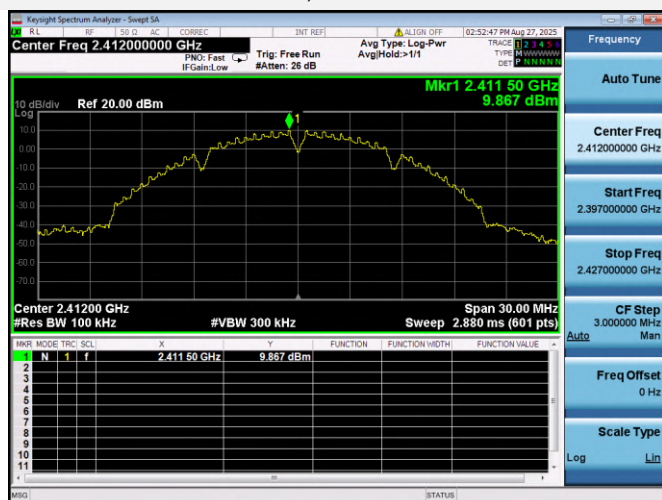


802.11ax-40 MHz HIGH CHANNEL, BAND EDGE

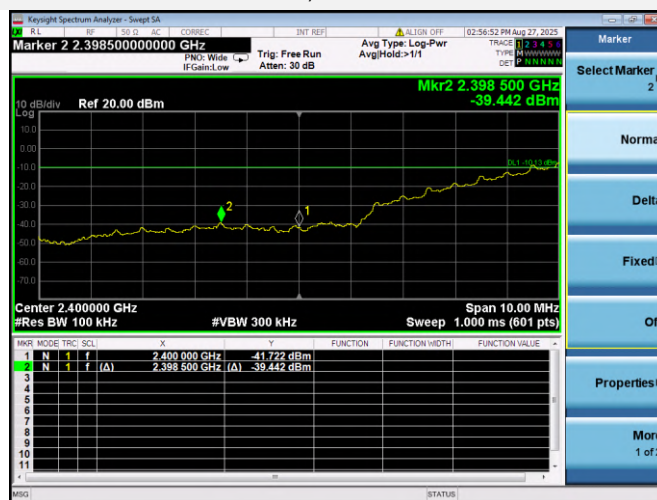


Aux. Antenna

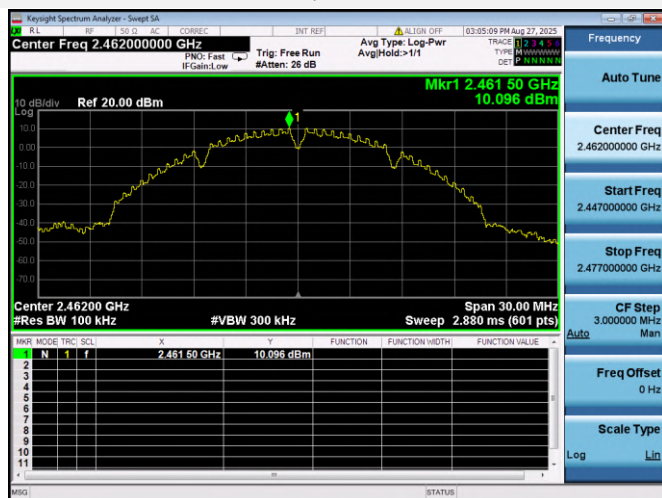
802.11b LOW CHANNEL, CARRIER LEVEL



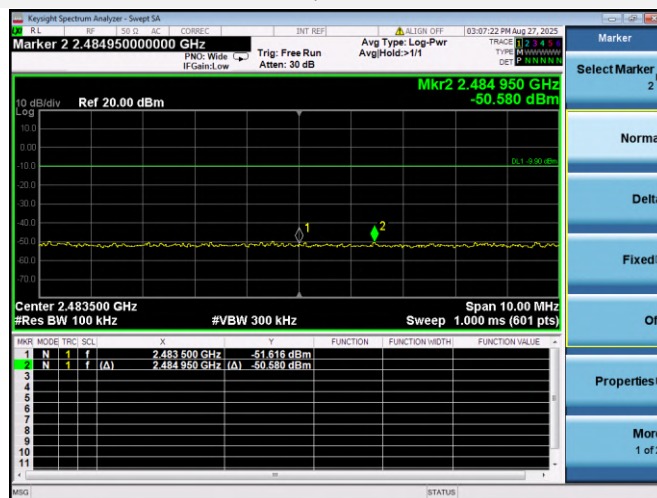
802.11b LOW CHANNEL, BAND EDGE



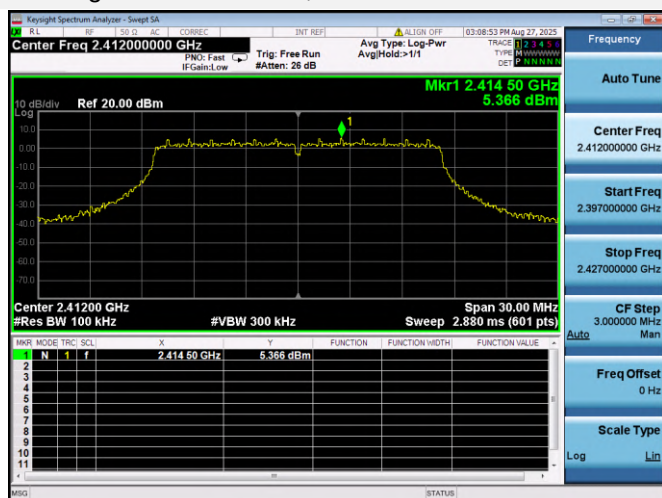
802.11b HIGH CHANNEL, CARRIER LEVEL



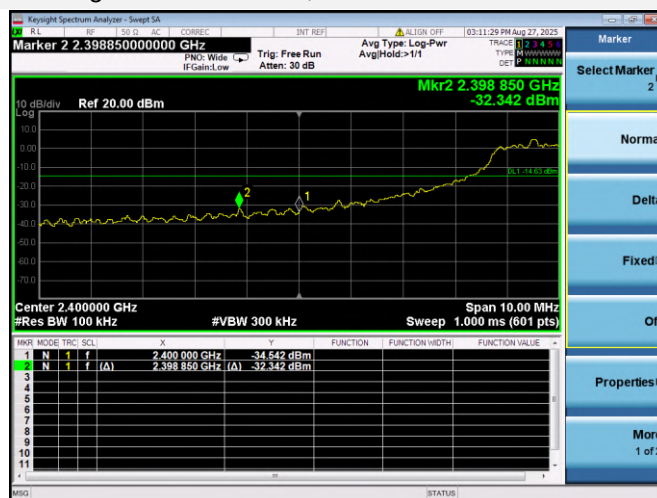
802.11b HIGH CHANNEL, BAND EDGE



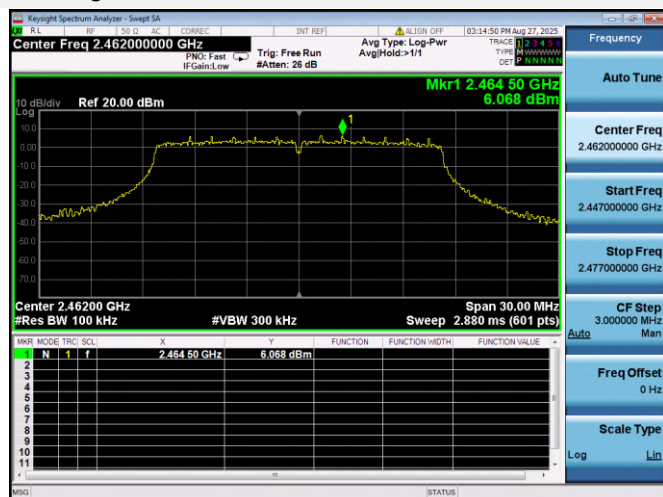
802.11g LOW CHANNEL, CARRIER LEVEL



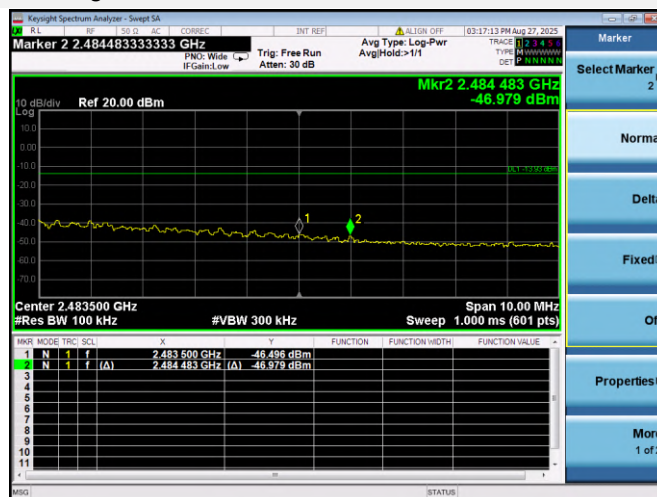
802.11g LOW CHANNEL, BAND EDGE



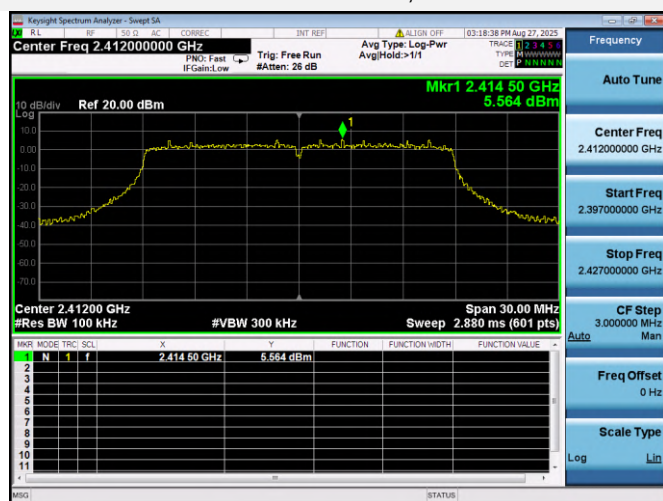
802.11g HIGH CHANNEL, CARRIER LEVEL



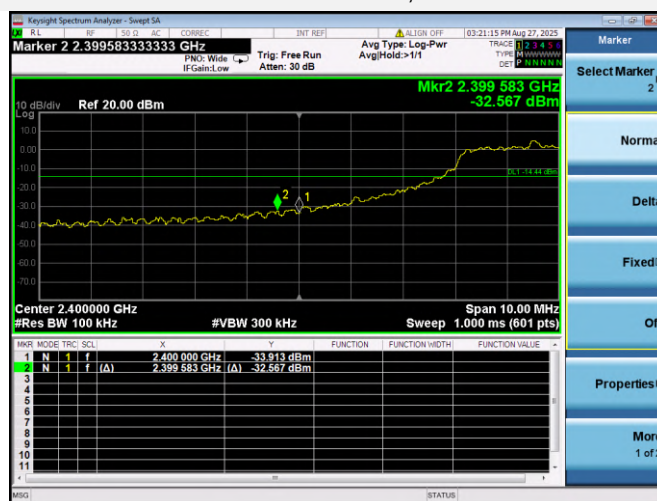
802.11g HIGH CHANNEL, BAND EDGE



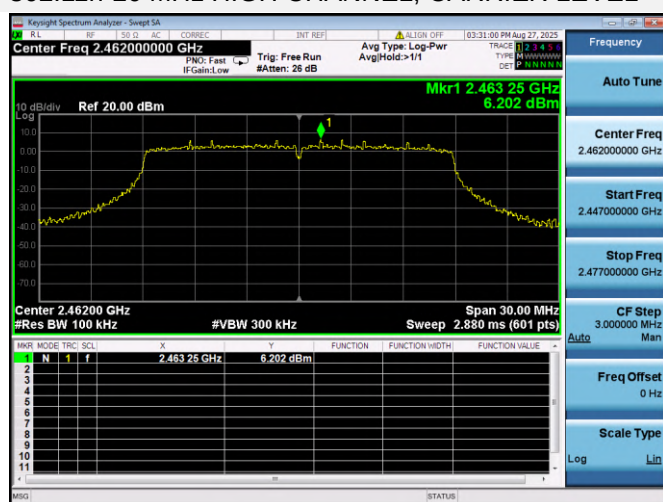
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



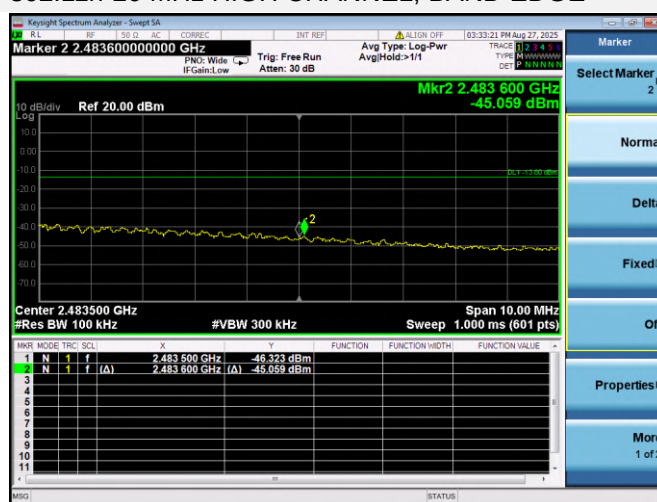
802.11n-20 MHz LOW CHANNEL, BAND EDGE



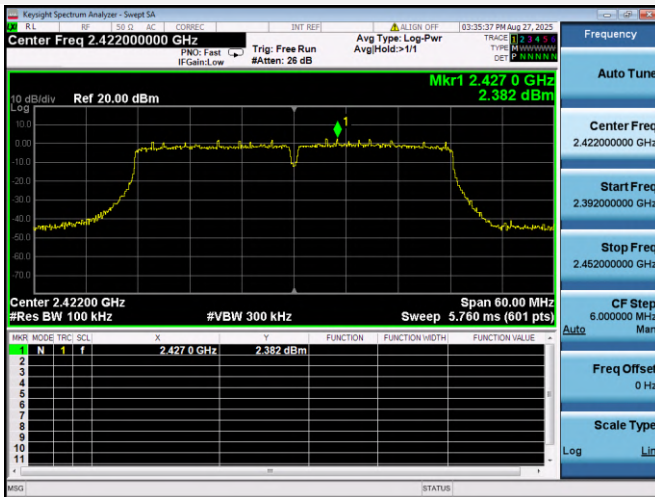
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



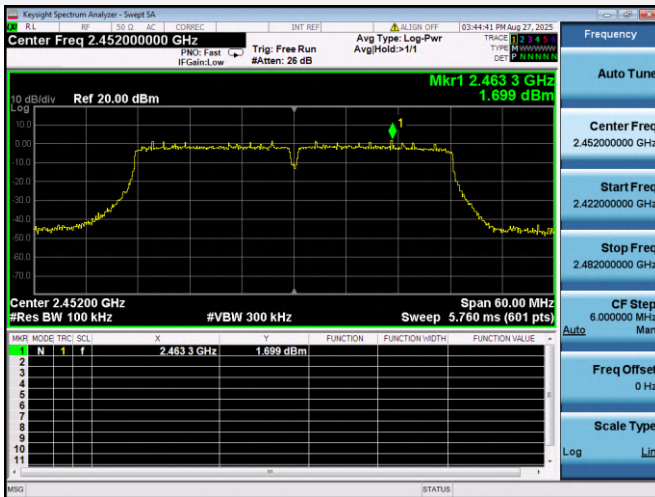
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



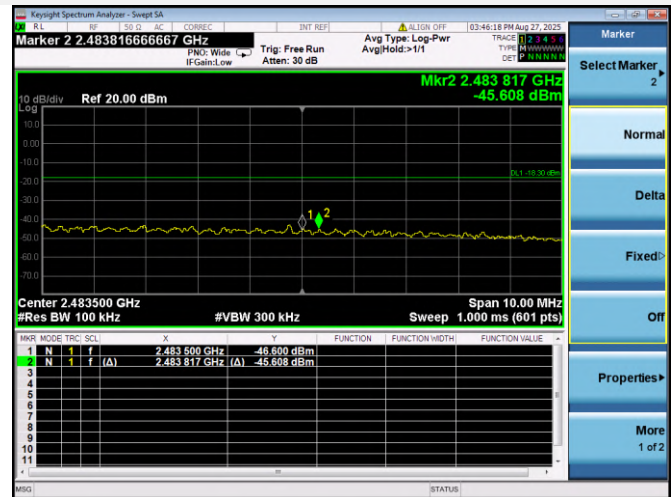
802.11n-40 MHz LOW CHANNEL, BAND EDGE



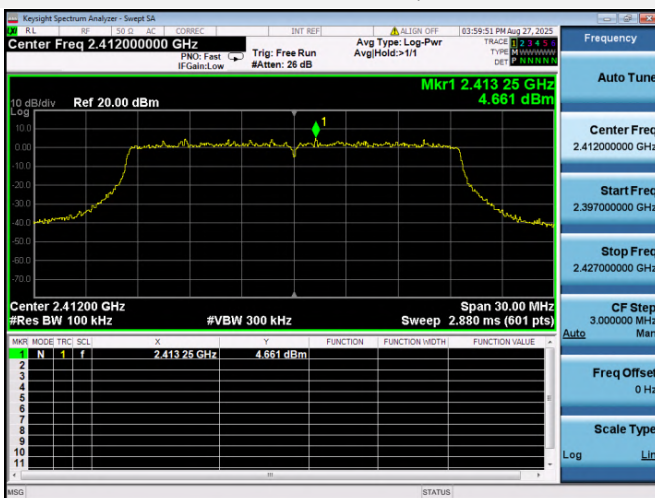
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



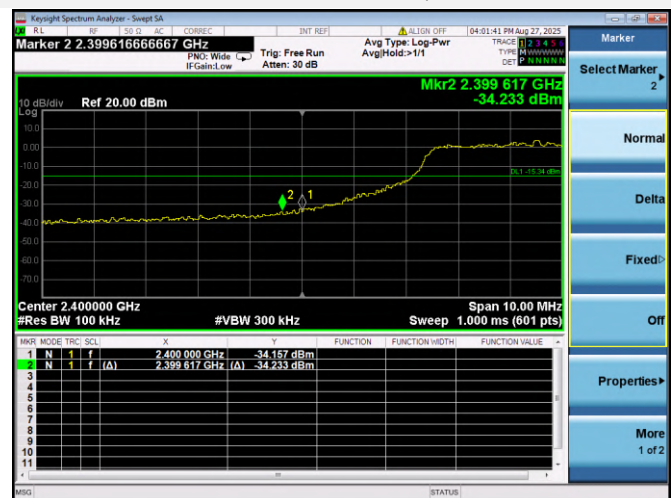
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



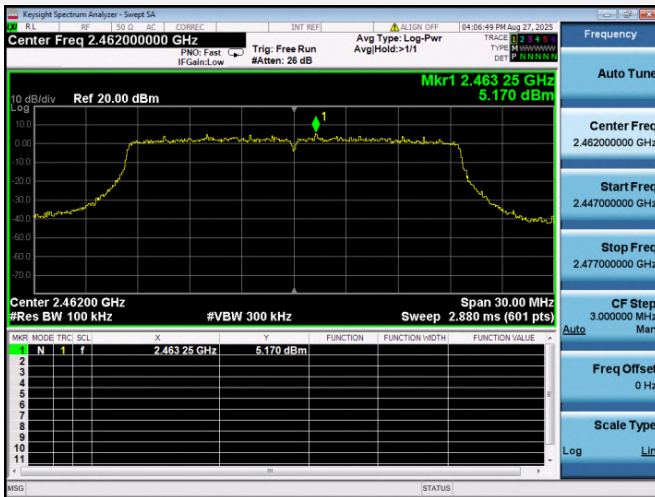
802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL



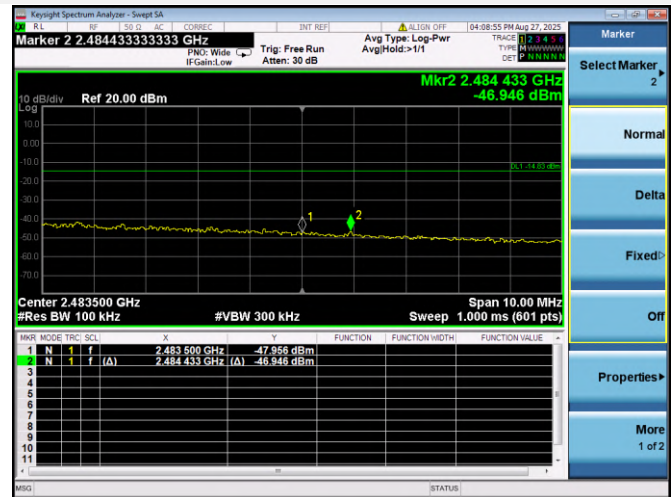
802.11ax-20 MHz LOW CHANNEL, BAND EDGE



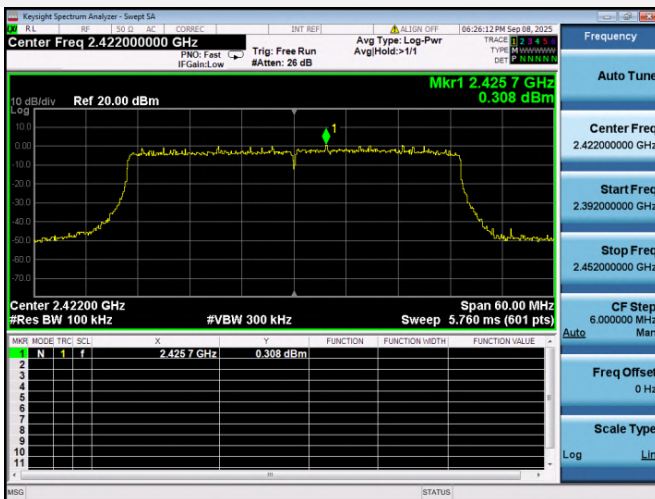
802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL



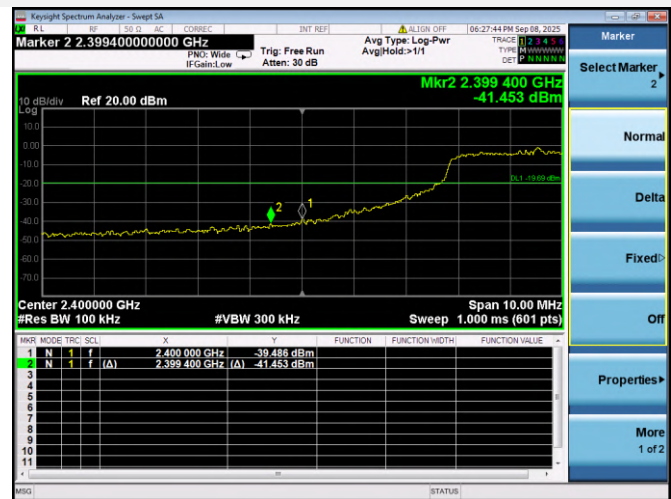
802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



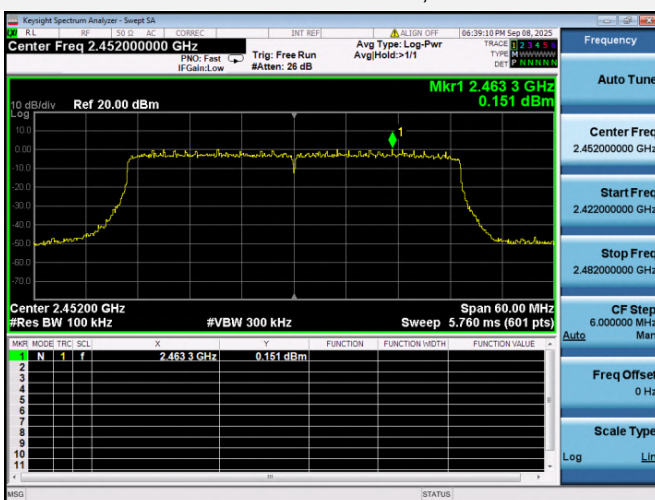
802.11ax-40 MHz LOW CHANNEL, CARRIER LEVEL



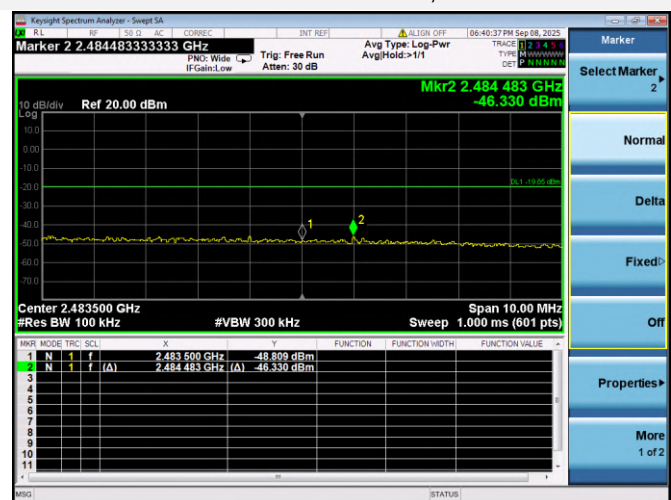
802.11ax-40 MHz LOW CHANNEL, BAND EDGE



802.11ax-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emission

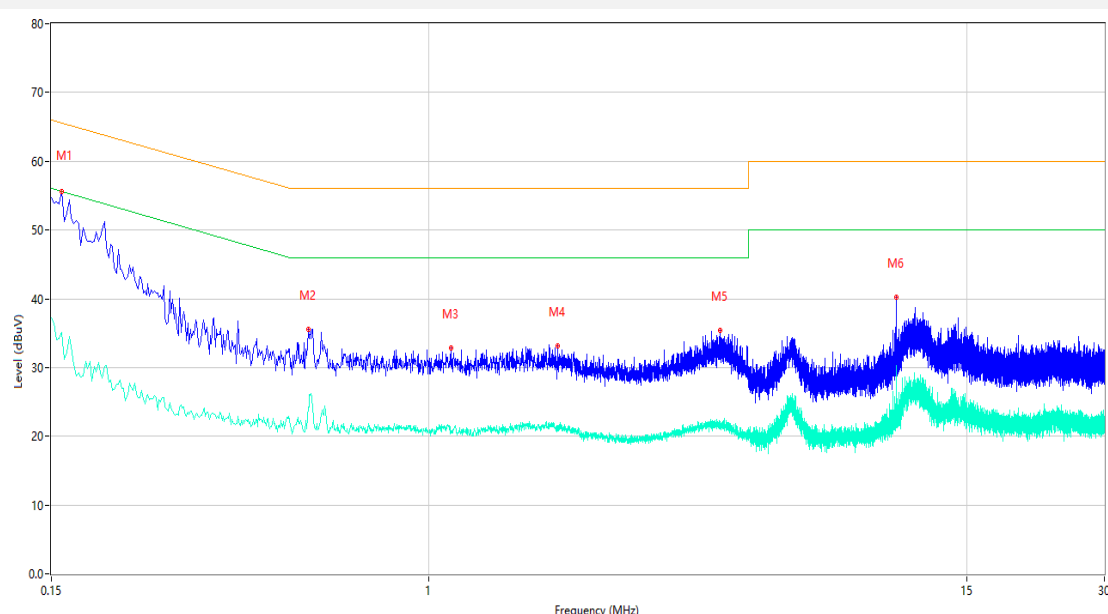
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note 3: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

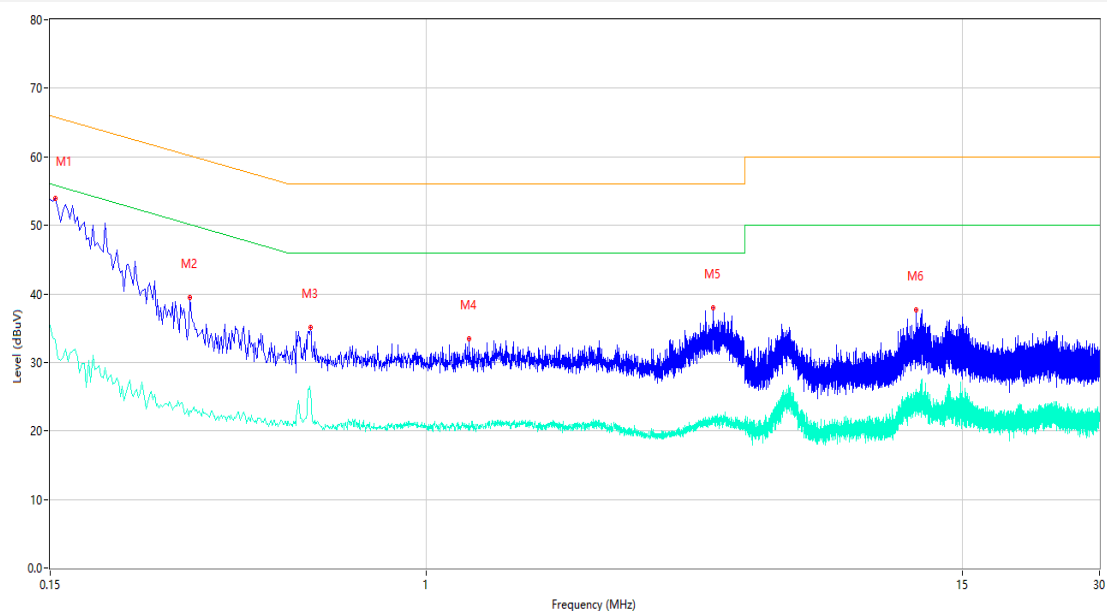
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.158	55.54	10.06	65.57	10.03	Peak	L	Pass
1**	0.158	35.03	10.06	55.57	20.54	AV	L	Pass
2	0.546	35.58	10.17	56.00	20.42	Peak	L	Pass
2**	0.546	24.33	10.17	46.00	21.67	AV	L	Pass
3	1.120	32.78	10.21	56.00	23.22	Peak	L	Pass
3**	1.120	20.77	10.21	46.00	25.23	AV	L	Pass
4	1.914	33.09	10.34	56.00	22.91	Peak	L	Pass
4**	1.914	21.59	10.34	46.00	24.41	AV	L	Pass
5	4.334	35.38	10.43	56.00	20.62	Peak	L	Pass
5**	4.334	22.16	10.43	46.00	23.84	AV	L	Pass
6	10.518	40.18	10.96	60.00	19.82	Peak	L	Pass
6**	10.518	30.31	10.96	50.00	19.69	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.154	53.98	10.15	65.78	11.80	Peak	N	Pass
1**	0.154	33.30	10.15	55.78	22.48	AV	N	Pass
2	0.304	39.41	10.15	60.13	20.72	Peak	N	Pass
2**	0.304	22.95	10.15	50.13	27.18	AV	N	Pass
3	0.558	35.08	10.18	56.00	20.92	Peak	N	Pass
3**	0.558	25.46	10.18	46.00	20.54	AV	N	Pass
4	1.244	33.46	10.25	56.00	22.54	Peak	N	Pass
4**	1.244	21.05	10.25	46.00	24.95	AV	N	Pass
5	4.270	37.93	10.39	56.00	18.07	Peak	N	Pass
5**	4.270	21.76	10.39	46.00	24.24	AV	N	Pass
6	11.892	37.68	11.01	60.00	22.32	Peak	N	Pass
6**	11.892	26.08	11.01	50.00	23.92	AV	N	Pass

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 C63.10-2020, 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.

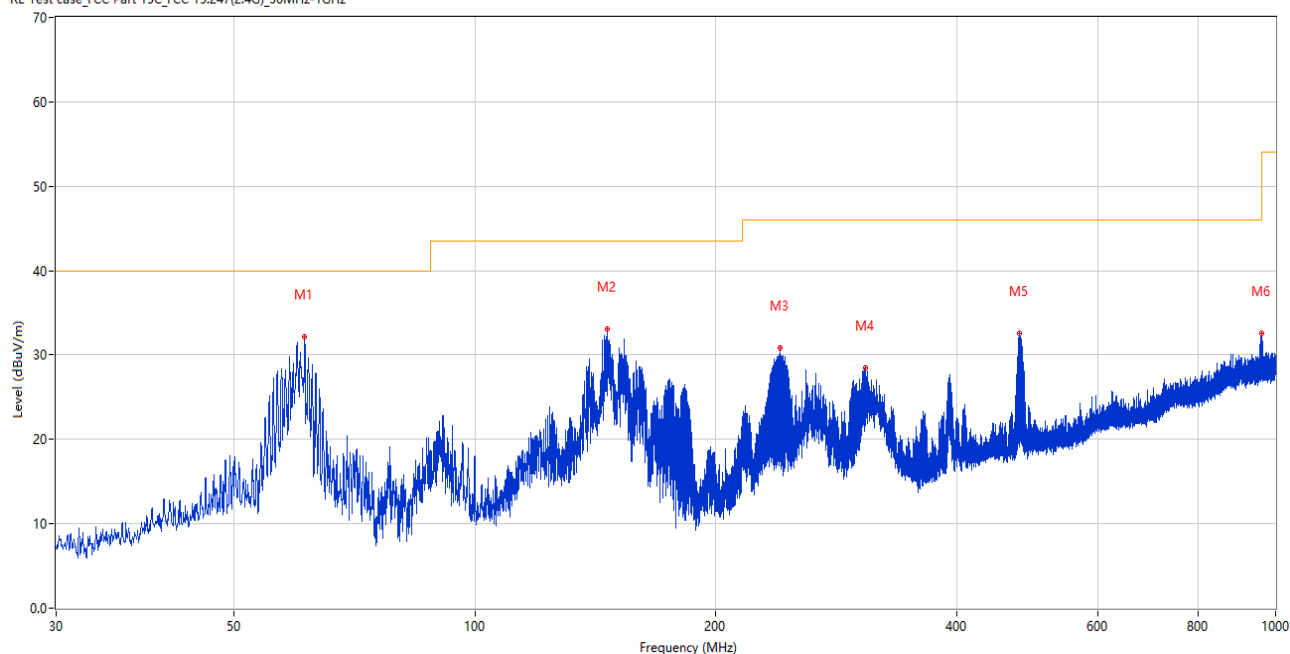
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

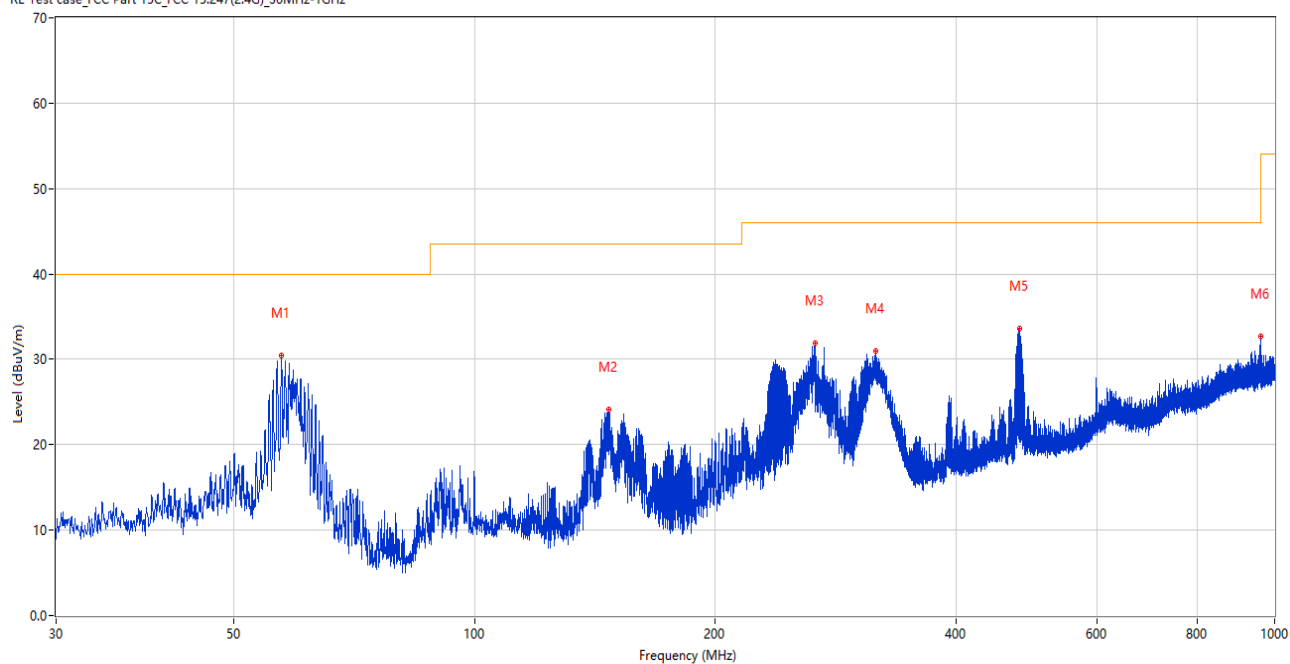
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	61.282	32.22	-26.34	40.0	7.78	Peak	56.00	200	Horizontal	Pass
2	146.254	33.10	-29.57	43.5	10.40	Peak	74.00	100	Horizontal	Pass
3	240.636	30.90	-24.43	46.0	15.10	Peak	92.00	200	Horizontal	Pass
4	307.905	28.45	-23.24	46.0	17.55	Peak	20.00	200	Horizontal	Pass
5	479.304	32.59	-18.76	46.0	13.41	Peak	308.00	200	Horizontal	Pass
6	959.939	32.54	-8.72	46.0	13.46	Peak	360.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	57.354	30.42	-25.49	40.0	9.58	Peak	133.00	100	Vertical	Pass
2	147.030	24.16	-29.57	43.5	19.34	Peak	81.00	200	Vertical	Pass
3	266.244	31.91	-24.12	46.0	14.09	Peak	0.00	100	Vertical	Pass
4	317.750	30.94	-22.86	46.0	15.06	Peak	360.00	200	Vertical	Pass
5	479.983	33.61	-18.70	46.0	12.39	Peak	32.00	200	Vertical	Pass
6	961.297	32.72	-8.71	54.0	21.28	Peak	103.00	100	Vertical	Pass

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

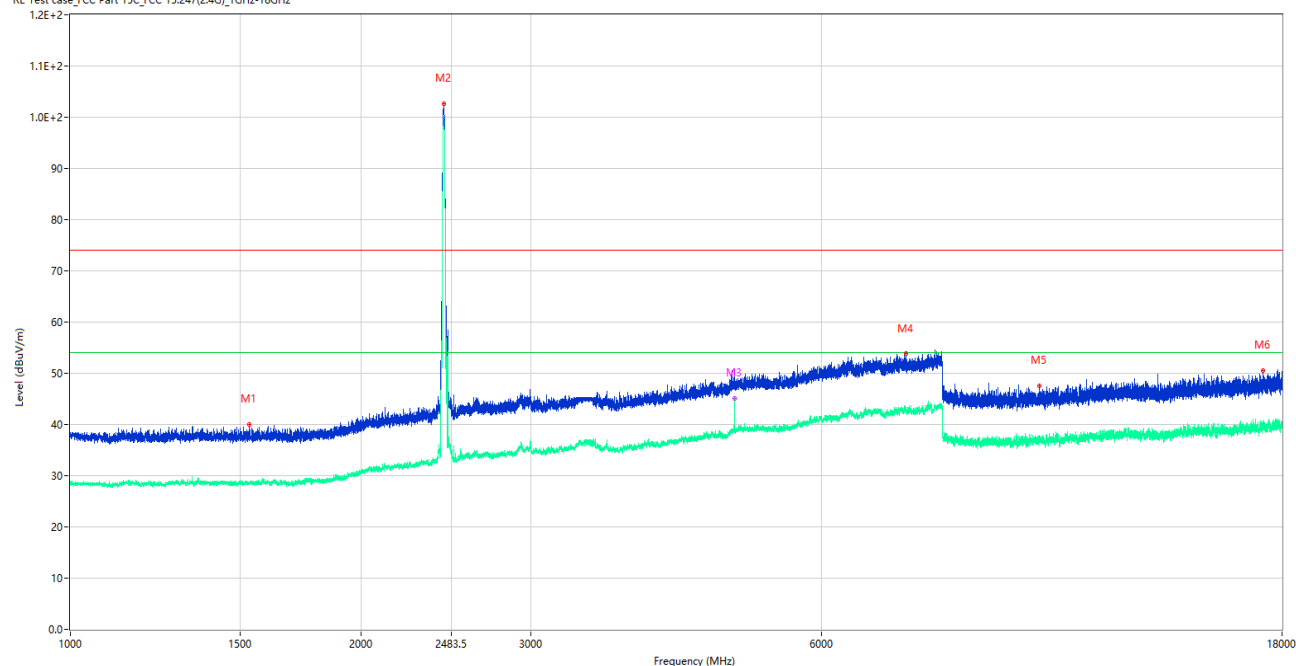
Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All the configurations were pre tested, only the worst configuration has been reported in this report.

Main Antenna

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

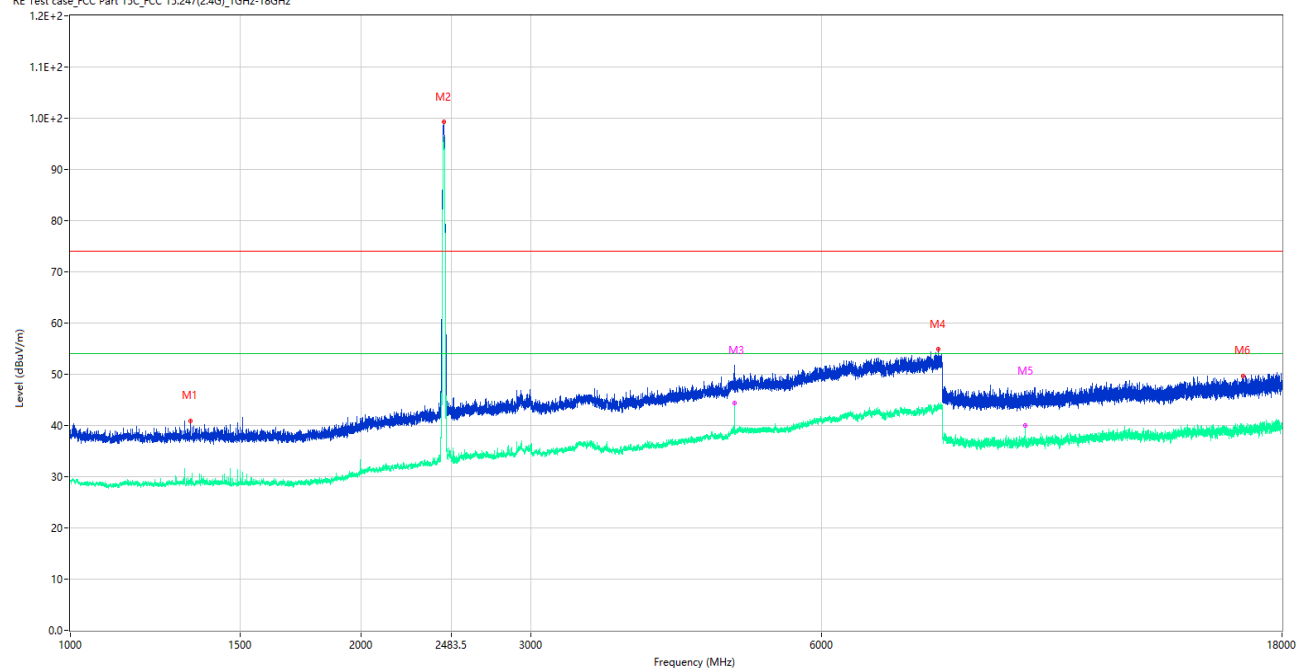
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.750	39.95	-16.05	74.0	34.05	Peak	0.00	150	Horizontal	Pass
1**	1530.750	28.52	-16.05	54.0	25.48	AV	0.00	150	Horizontal	Pass
2	2438.250	102.67	-12.38	74.0	-28.67	Peak	94.00	150	Horizontal	N/A
2**	2438.250	99.79	-12.38	54.0	-45.79	AV	94.00	150	Horizontal	N/A
3	4874.500	49.39	-2.25	74.0	24.61	Peak	254.00	150	Horizontal	Pass
3**	4874.500	44.78	-2.25	54.0	9.22	AV	254.00	150	Horizontal	Pass
4	7336.500	53.85	1.06	74.0	20.15	Peak	292.00	150	Horizontal	Pass
4**	7336.500	42.90	1.06	54.0	11.10	AV	292.00	150	Horizontal	Pass
5	10080.000	47.51	-3.81	74.0	26.49	Peak	268.00	150	Horizontal	Pass
5**	10080.000	36.75	-3.81	54.0	17.25	AV	268.00	150	Horizontal	Pass
6	17185.499	50.61	0.15	74.0	23.39	Peak	10.00	150	Horizontal	Pass
6**	17185.499	39.94	0.15	54.0	14.06	AV	10.00	150	Horizontal	Pass

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

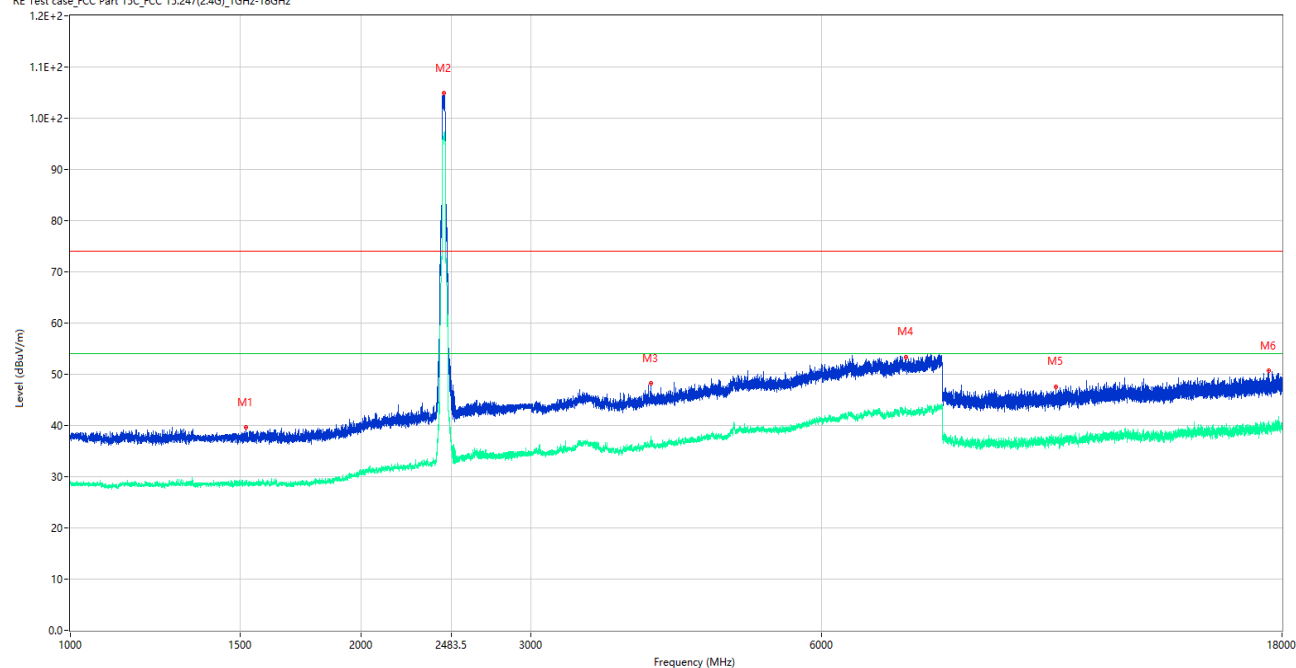
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.250	40.94	-15.99	74.0	33.06	Peak	99.00	150	Vertical	Pass
1**	1331.250	28.65	-15.99	54.0	25.35	AV	99.00	150	Vertical	Pass
2	2438.250	99.23	-12.38	74.0	-25.23	Peak	161.00	150	Vertical	N/A
2**	2438.250	96.37	-12.38	54.0	-42.37	AV	161.00	150	Vertical	N/A
3	4874.500	49.87	-2.25	74.0	24.13	Peak	227.00	150	Vertical	Pass
3**	4874.500	44.37	-2.25	54.0	9.63	AV	227.00	150	Vertical	Pass
4	7927.000	54.84	1.97	74.0	19.16	Peak	100.00	150	Vertical	Pass
4**	7927.000	43.31	1.97	54.0	10.69	AV	100.00	150	Vertical	Pass
5	9748.500	45.36	-3.75	74.0	28.64	Peak	360.00	150	Vertical	Pass
5**	9748.500	39.96	-3.75	54.0	14.04	AV	360.00	150	Vertical	Pass
6	16389.500	49.67	-1.37	74.0	24.33	Peak	236.00	150	Vertical	Pass
6**	16389.500	39.52	-1.37	54.0	14.48	AV	236.00	150	Vertical	Pass

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

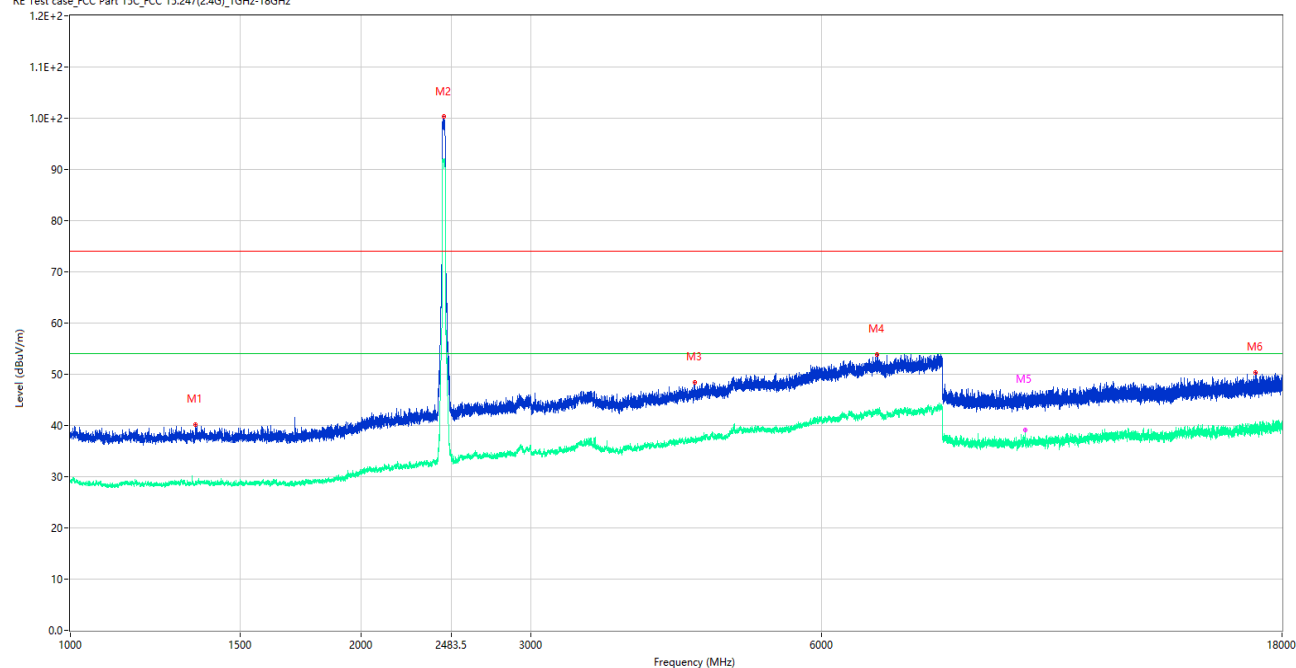
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.250	39.67	-16.09	74.0	34.33	Peak	3.00	150	Horizontal	Pass
1**	1519.250	28.44	-16.09	54.0	25.56	AV	3.00	150	Horizontal	Pass
2	2439.750	104.87	-12.37	74.0	-30.87	Peak	149.00	150	Horizontal	N/A
2**	2439.750	97.09	-12.37	54.0	-43.09	AV	149.00	150	Horizontal	N/A
3	3992.500	48.17	-4.82	74.0	25.83	Peak	235.00	150	Horizontal	Pass
3**	3992.500	37.22	-4.82	54.0	16.78	AV	235.00	150	Horizontal	Pass
4	7336.500	53.26	1.06	74.0	20.74	Peak	21.00	150	Horizontal	Pass
4**	7336.500	42.88	1.06	54.0	11.12	AV	21.00	150	Horizontal	Pass
5	10502.000	47.47	-3.25	74.0	26.53	Peak	296.00	150	Horizontal	Pass
5**	10502.000	37.69	-3.25	54.0	16.31	AV	296.00	150	Horizontal	Pass
6	17457.000	50.65	0.13	74.0	23.35	Peak	325.00	150	Horizontal	Pass
6**	17457.000	39.89	0.13	54.0	14.11	AV	325.00	150	Horizontal	Pass

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

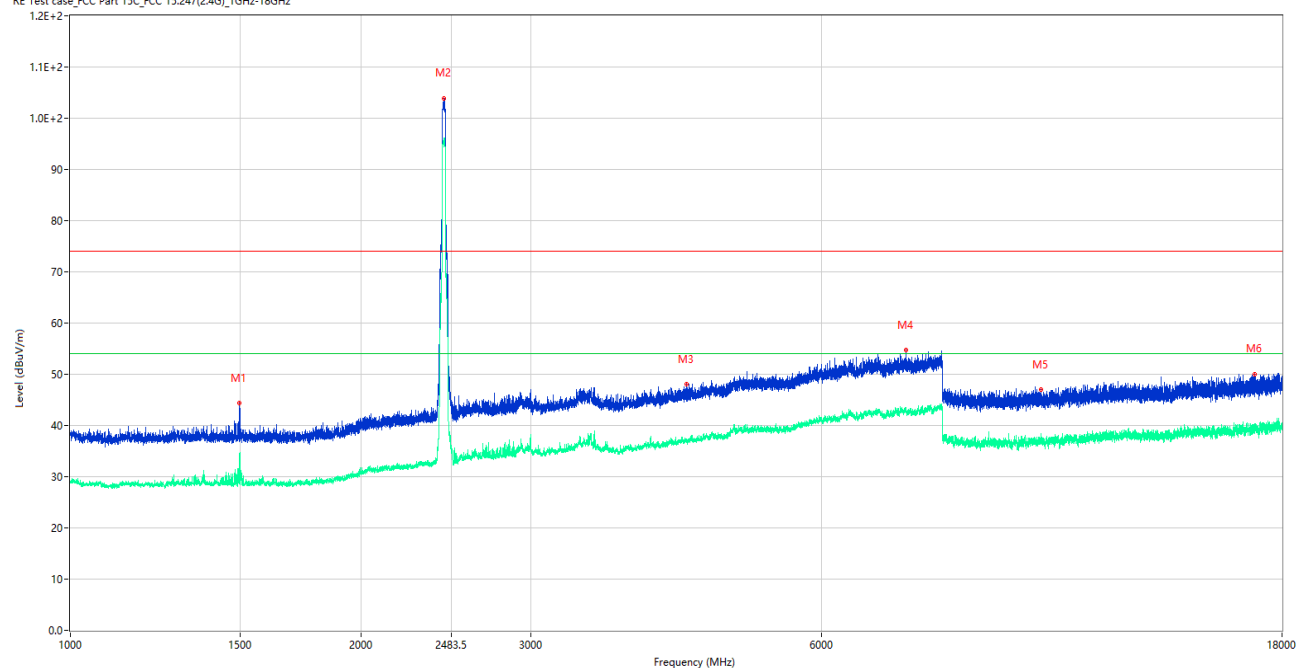
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1347.000	40.25	-16.03	74.0	33.75	Peak	89.00	150	Vertical	Pass
1**	1347.000	28.60	-16.03	54.0	25.40	AV	89.00	150	Vertical	Pass
2	2438.250	100.27	-12.38	74.0	-26.27	Peak	149.00	150	Vertical	N/A
2**	2438.250	91.56	-12.38	54.0	-37.56	AV	149.00	150	Vertical	N/A
3	4437.000	48.48	-3.22	74.0	25.52	Peak	348.00	150	Vertical	Pass
3**	4437.000	36.82	-3.22	54.0	17.18	AV	348.00	150	Vertical	Pass
4	6853.000	53.79	0.85	74.0	20.21	Peak	31.00	150	Vertical	Pass
4**	6853.000	42.93	0.85	54.0	11.07	AV	31.00	150	Vertical	Pass
5	9748.500	45.11	-3.75	74.0	28.89	Peak	360.00	150	Vertical	Pass
5**	9748.500	39.18	-3.75	54.0	14.82	AV	360.00	150	Vertical	Pass
6	16895.500	50.37	-0.48	74.0	23.63	Peak	2.00	150	Vertical	Pass
6**	16895.500	39.96	-0.48	54.0	14.04	AV	2.00	150	Vertical	Pass

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

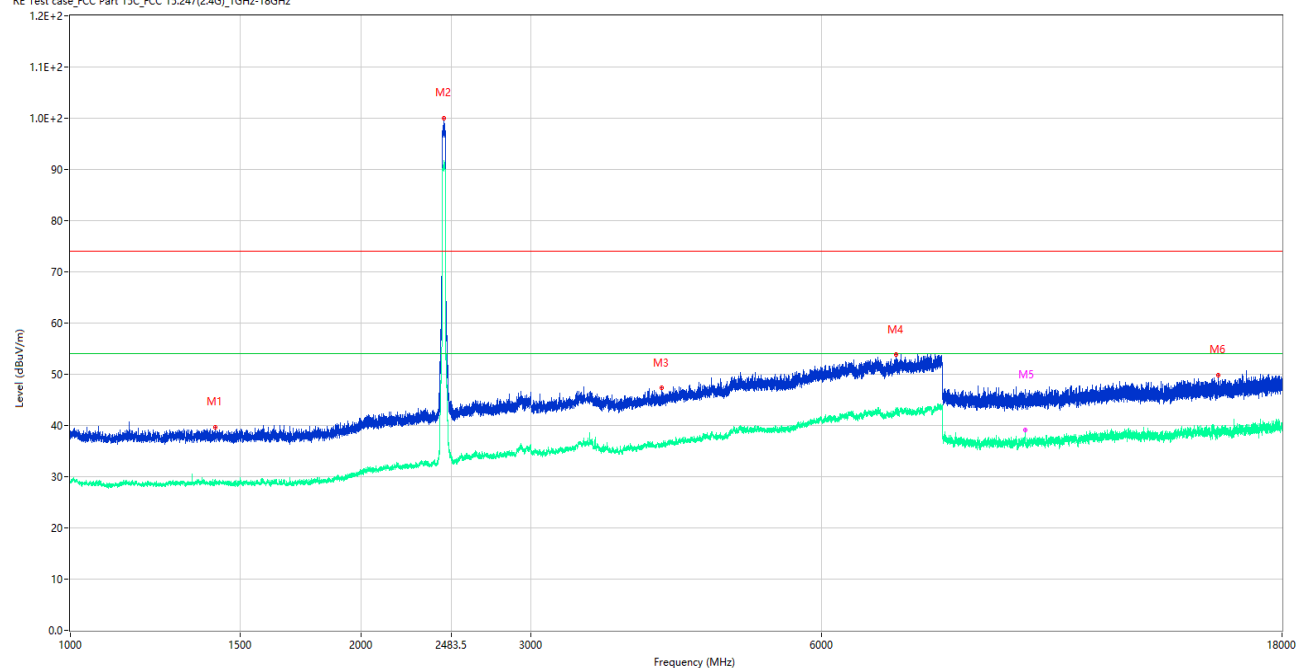
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.750	44.33	-16.14	74.0	29.67	Peak	360.00	150	Horizontal	Pass
1**	1497.750	30.53	-16.14	54.0	23.47	AV	360.00	150	Horizontal	Pass
2	2440.000	103.90	-12.37	74.0	-29.90	Peak	151.00	150	Horizontal	N/A
2**	2440.000	95.91	-12.37	54.0	-41.91	AV	151.00	150	Horizontal	Fail
3	4347.000	47.99	-3.21	74.0	26.01	Peak	216.00	150	Horizontal	Pass
3**	4347.000	37.03	-3.21	54.0	16.97	AV	216.00	150	Horizontal	Pass
4	7344.000	54.65	1.16	74.0	19.35	Peak	225.00	150	Horizontal	Pass
4**	7344.000	42.98	1.16	54.0	11.02	AV	225.00	150	Horizontal	Pass
5	10135.000	46.93	-3.91	74.0	27.07	Peak	209.00	150	Horizontal	Pass
5**	10135.000	37.00	-3.91	54.0	17.00	AV	209.00	150	Horizontal	Pass
6	16863.500	50.06	-0.77	74.0	23.94	Peak	151.00	150	Horizontal	Pass
6**	16863.500	39.35	-0.77	54.0	14.65	AV	151.00	150	Horizontal	Pass

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

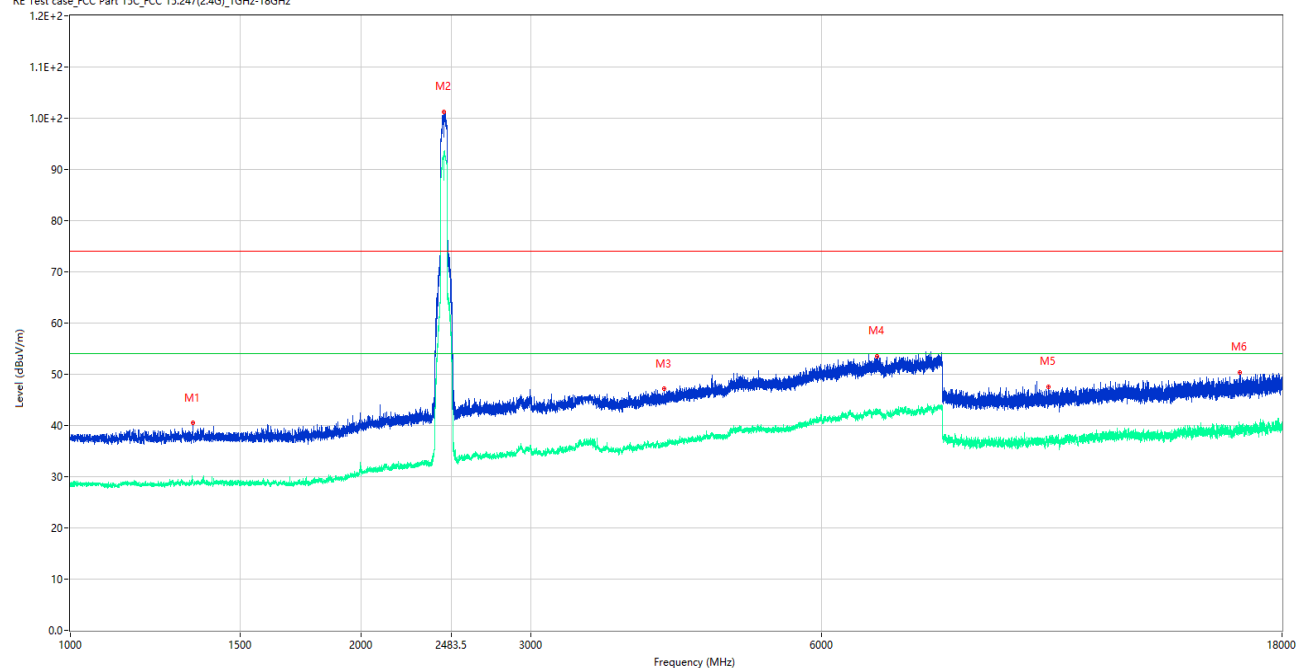
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1413.250	39.69	-15.94	74.0	34.31	Peak	324.00	150	Vertical	Pass
1**	1413.250	28.76	-15.94	54.0	25.24	AV	324.00	150	Vertical	Pass
2	2438.500	100.03	-12.37	74.0	-26.03	Peak	190.00	150	Vertical	N/A
2**	2438.500	90.91	-12.37	54.0	-36.91	AV	190.00	150	Vertical	Fail
3	4097.000	47.31	-4.81	74.0	26.69	Peak	109.00	150	Vertical	Pass
3**	4097.000	35.97	-4.81	54.0	18.03	AV	109.00	150	Vertical	Pass
4	7168.000	53.80	0.06	74.0	20.20	Peak	321.00	150	Vertical	Pass
4**	7168.000	42.70	0.06	54.0	11.30	AV	321.00	150	Vertical	Pass
5	9748.500	46.93	-3.75	74.0	27.07	Peak	124.00	150	Vertical	Pass
5**	9748.500	39.17	-3.75	54.0	14.83	AV	124.00	150	Vertical	Pass
6	15457.500	49.83	-2.14	74.0	24.17	Peak	360.00	150	Vertical	Pass
6**	15457.500	38.93	-2.14	54.0	15.07	AV	360.00	150	Vertical	Pass

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

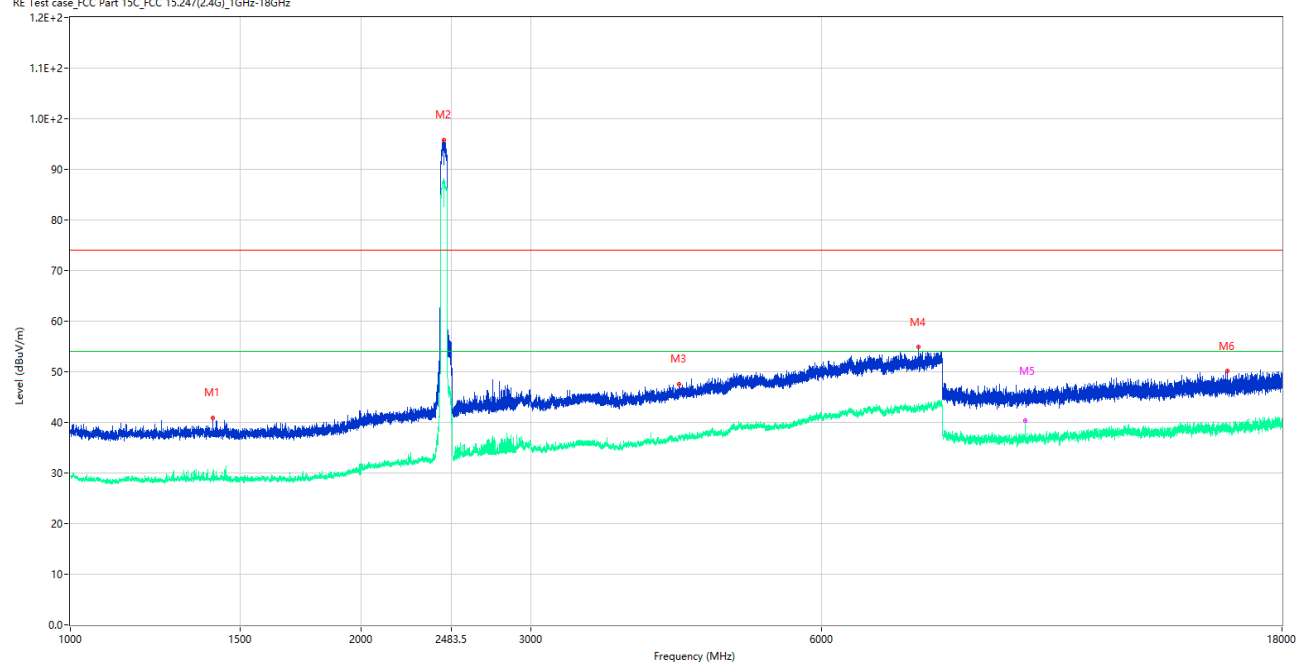
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1339.750	40.45	-16.06	74.0	33.55	Peak	44.00	150	Horizontal	Pass
1**	1339.750	29.46	-16.06	54.0	24.54	AV	44.00	150	Horizontal	Pass
2	2439.000	101.24	-12.37	74.0	-27.24	Peak	135.00	150	Horizontal	N/A
2**	2439.000	93.25	-12.37	54.0	-39.25	AV	135.00	150	Horizontal	N/A
3	4124.500	47.14	-4.51	74.0	26.86	Peak	135.00	150	Horizontal	Pass
3**	4124.500	36.50	-4.51	54.0	17.50	AV	135.00	150	Horizontal	Pass
4	6850.000	53.51	0.74	74.0	20.49	Peak	47.00	150	Horizontal	Pass
4**	6850.000	42.45	0.74	54.0	11.55	AV	47.00	150	Horizontal	Pass
5	10320.000	47.60	-3.23	74.0	26.40	Peak	360.00	150	Horizontal	Pass
5**	10320.000	36.91	-3.23	54.0	17.09	AV	360.00	150	Horizontal	Pass
6	16286.500	50.37	-1.41	74.0	23.63	Peak	181.00	150	Horizontal	Pass
6**	16286.500	39.43	-1.41	54.0	14.57	AV	181.00	150	Horizontal	Pass

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

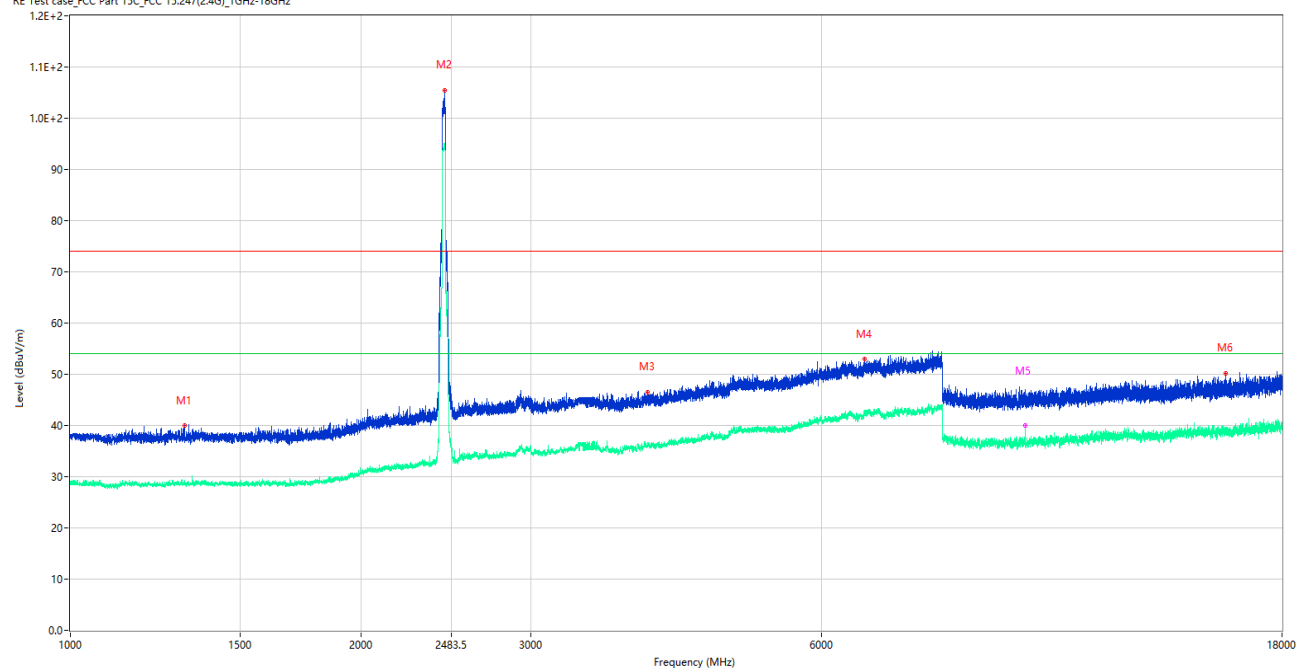
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1404.750	40.91	-15.99	74.0	33.09	Peak	157.00	150	Vertical	Pass
1**	1404.750	29.54	-15.99	54.0	24.46	AV	157.00	150	Vertical	Pass
2	2438.750	95.84	-12.37	74.0	-21.84	Peak	161.00	150	Vertical	N/A
2**	2438.750	88.18	-12.37	54.0	-34.18	AV	161.00	150	Vertical	N/A
3	4272.500	47.57	-3.29	74.0	26.43	Peak	294.00	150	Vertical	Pass
3**	4272.500	37.11	-3.29	54.0	16.89	AV	294.00	150	Vertical	Pass
4	7560.500	54.89	0.97	74.0	19.11	Peak	84.00	150	Vertical	Pass
4**	7560.500	42.83	0.97	54.0	11.17	AV	84.00	150	Vertical	Pass
5	9748.500	45.60	-3.75	74.0	28.40	Peak	180.00	150	Vertical	Pass
5**	9748.500	40.28	-3.75	54.0	13.72	AV	180.00	150	Vertical	Pass
6	15807.500	50.09	-1.69	74.0	23.91	Peak	0.00	150	Vertical	Pass
6**	15807.500	39.05	-1.69	54.0	14.95	AV	0.00	150	Vertical	Pass

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

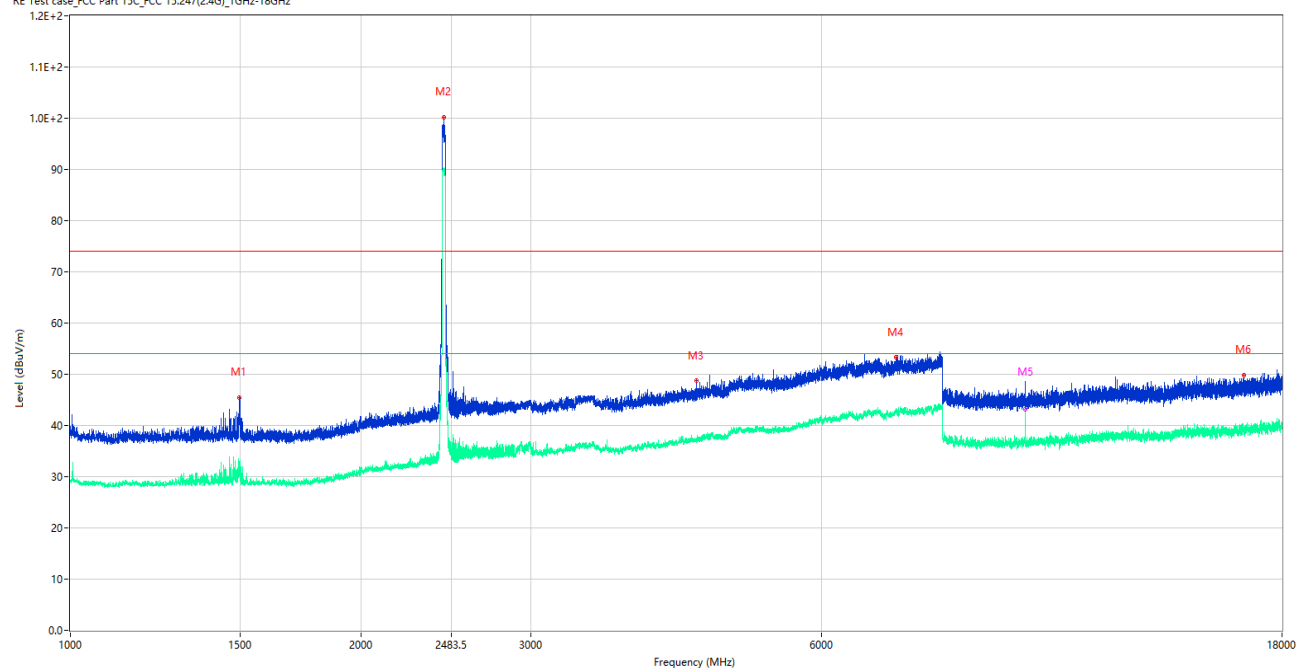
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1312.250	40.05	-15.82	74.0	33.95	Peak	0.00	150	Horizontal	Pass
1**	1312.250	28.63	-15.82	54.0	25.37	AV	0.00	150	Horizontal	Pass
2	2441.500	105.47	-12.41	74.0	-31.47	Peak	140.00	150	Horizontal	N/A
2**	2441.500	94.62	-12.41	54.0	-40.62	AV	140.00	150	Horizontal	N/A
3	3963.500	46.48	-3.81	74.0	27.52	Peak	360.00	150	Horizontal	Pass
3**	3963.500	36.31	-3.81	54.0	17.69	AV	360.00	150	Horizontal	Pass
4	6649.000	52.91	0.25	74.0	21.09	Peak	115.00	150	Horizontal	Pass
4**	6649.000	42.53	0.25	54.0	11.47	AV	115.00	150	Horizontal	Pass
5	9748.500	45.44	-3.75	74.0	28.56	Peak	37.00	150	Horizontal	Pass
5**	9748.500	39.93	-3.75	54.0	14.07	AV	37.00	150	Horizontal	Pass
6	15745.000	50.21	-2.23	74.0	23.79	Peak	236.00	150	Horizontal	Pass
6**	15745.000	38.69	-2.23	54.0	15.31	AV	236.00	150	Horizontal	Pass

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

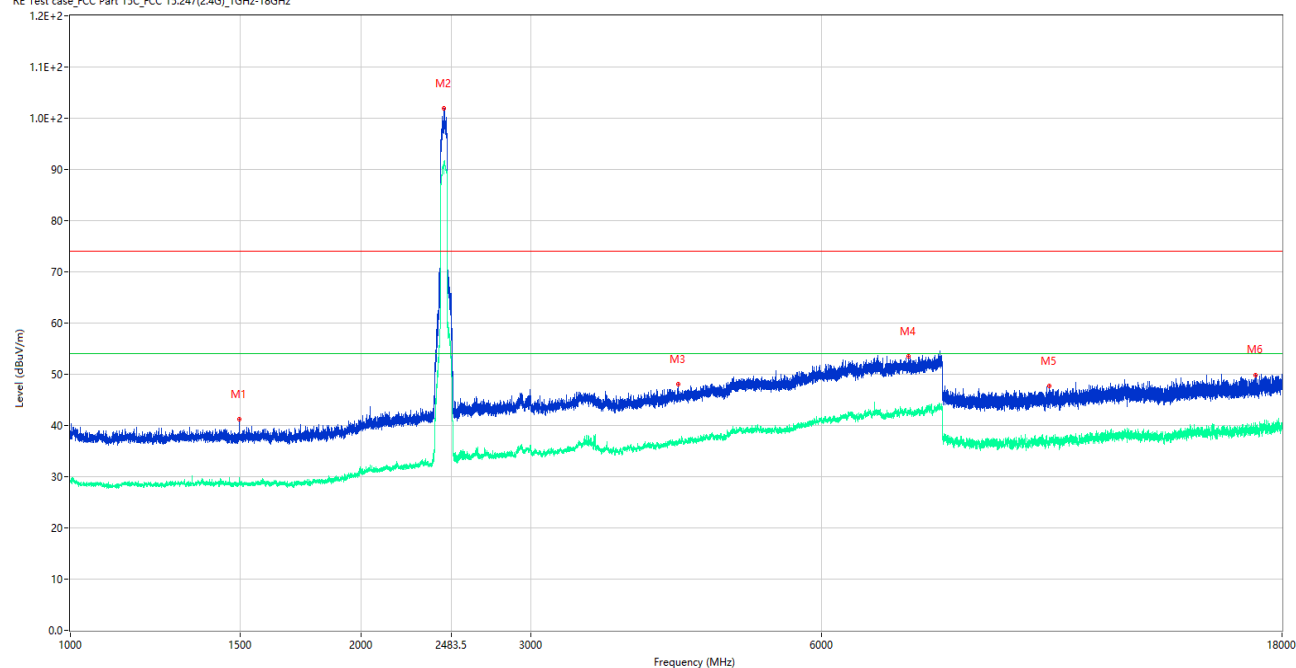
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.250	45.46	-16.17	74.0	28.54	Peak	281.00	150	Vertical	Pass
1**	1496.250	32.87	-16.17	54.0	21.13	AV	281.00	150	Vertical	Pass
2	2436.250	100.22	-12.35	74.0	-26.22	Peak	166.00	150	Vertical	N/A
2**	2436.250	89.64	-12.35	54.0	-35.64	AV	166.00	150	Vertical	N/A
3	4450.500	48.70	-3.74	74.0	25.30	Peak	0.00	150	Vertical	Pass
3**	4450.500	36.97	-3.74	54.0	17.03	AV	0.00	150	Vertical	Pass
4	7165.000	53.32	-0.05	74.0	20.68	Peak	0.00	150	Vertical	Pass
4**	7165.000	42.48	-0.05	54.0	11.52	AV	0.00	150	Vertical	Pass
5	9748.500	47.12	-3.75	74.0	26.88	Peak	180.00	150	Vertical	Pass
5**	9748.500	43.23	-3.75	54.0	10.77	AV	180.00	150	Vertical	Pass
6	16423.000	49.75	-1.92	74.0	24.25	Peak	66.00	150	Vertical	Pass
6**	16423.000	38.90	-1.92	54.0	15.10	AV	66.00	150	Vertical	Pass

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

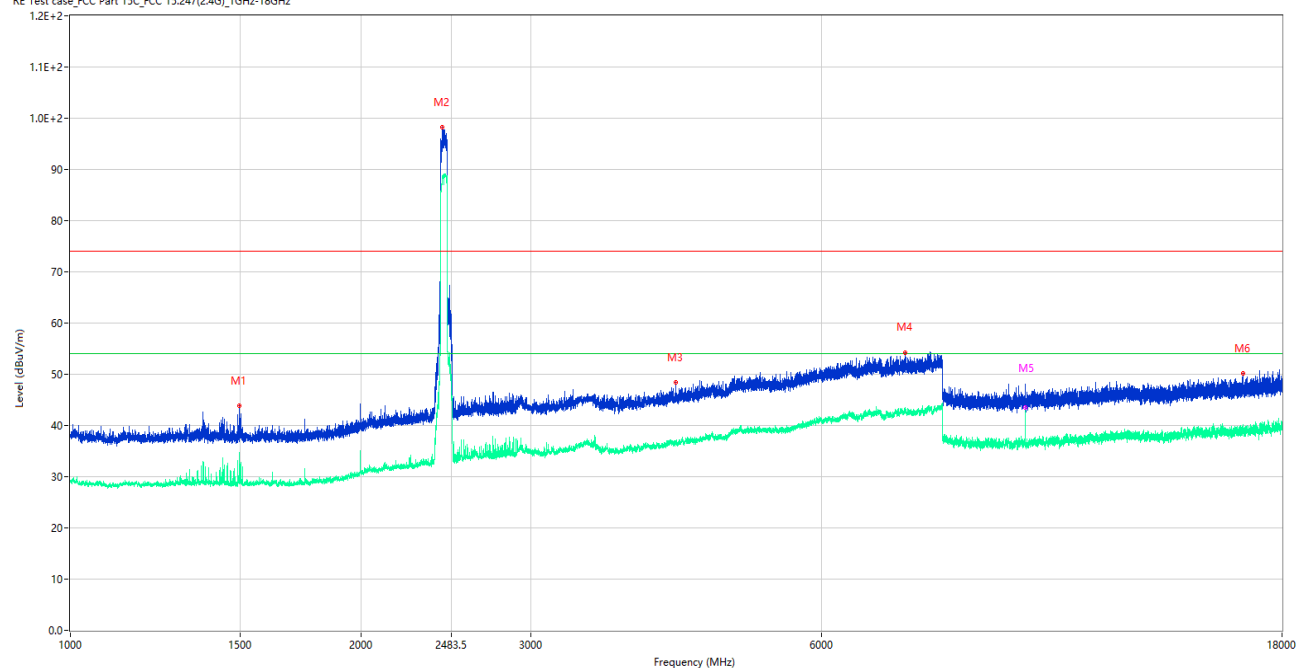
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.500	41.19	-16.17	74.0	32.81	Peak	184.00	150	Horizontal	Pass
1**	1495.500	28.95	-16.17	54.0	25.05	AV	184.00	150	Horizontal	Pass
2	2438.500	101.86	-12.37	74.0	-27.86	Peak	145.00	150	Horizontal	N/A
2**	2438.500	91.28	-12.37	54.0	-37.28	AV	145.00	150	Horizontal	N/A
3	4262.500	48.04	-3.91	74.0	25.96	Peak	99.00	150	Horizontal	Pass
3**	4262.500	36.60	-3.91	54.0	17.40	AV	99.00	150	Horizontal	Pass
4	7379.000	53.51	0.88	74.0	20.49	Peak	12.00	150	Horizontal	Pass
4**	7379.000	42.59	0.88	54.0	11.41	AV	12.00	150	Horizontal	Pass
5	10332.000	47.76	-3.21	74.0	26.24	Peak	151.00	150	Horizontal	Pass
5**	10332.000	37.13	-3.21	54.0	16.87	AV	151.00	150	Horizontal	Pass
6	16904.500	49.79	-0.96	74.0	24.21	Peak	2.00	150	Horizontal	Pass
6**	16904.500	39.54	-0.96	54.0	14.46	AV	2.00	150	Horizontal	Pass

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

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz

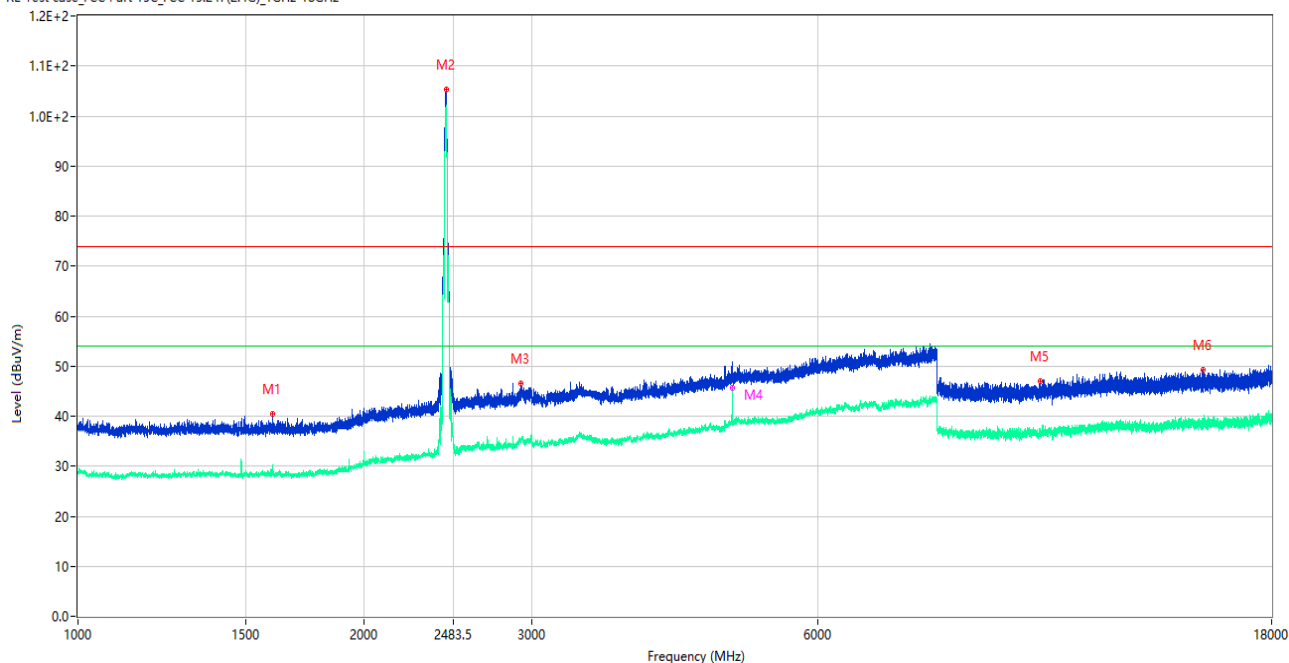


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.750	43.78	-16.14	74.0	30.22	Peak	95.00	150	Vertical	Pass
1**	1497.750	29.68	-16.14	54.0	24.32	AV	95.00	150	Vertical	Pass
2	2429.250	98.22	-12.25	74.0	-24.22	Peak	172.00	150	Vertical	N/A
2**	2429.250	88.26	-12.25	54.0	-34.26	AV	172.00	150	Vertical	N/A
3	4242.000	48.37	-3.38	74.0	25.63	Peak	166.00	150	Vertical	Pass
3**	4242.000	37.07	-3.38	54.0	16.93	AV	166.00	150	Vertical	Pass
4	7328.500	54.28	0.81	74.0	19.72	Peak	360.00	150	Vertical	Pass
4**	7328.500	42.82	0.81	54.0	11.18	AV	360.00	150	Vertical	Pass
5	9748.500	46.89	-3.75	74.0	27.11	Peak	209.00	150	Vertical	Pass
5**	9748.500	43.47	-3.75	54.0	10.53	AV	209.00	150	Vertical	Pass
6	16393.500	50.13	-1.12	74.0	23.87	Peak	10.00	150	Vertical	Pass
6**	16393.500	39.96	-1.12	54.0	14.04	AV	10.00	150	Vertical	Pass

Aux. Antenna

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

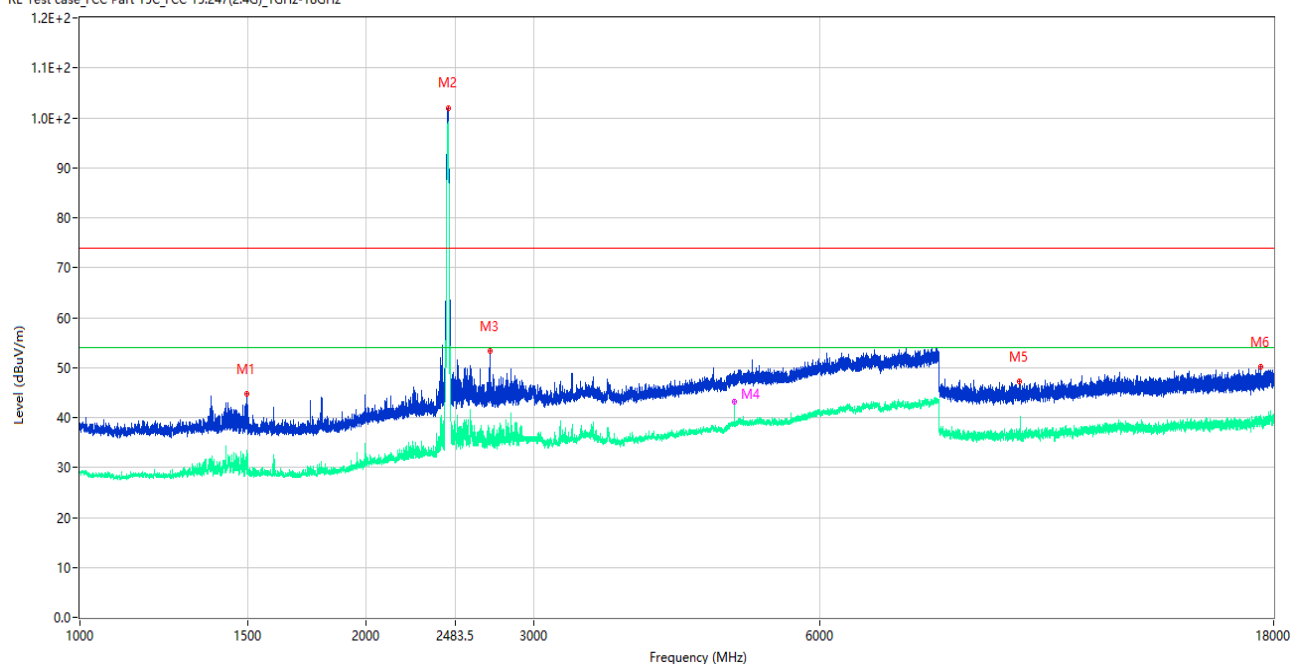
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.500	40.49	-16.24	74.0	33.51	Peak	54.00	150	Horizontal	Pass
1**	1600.500	28.99	-16.24	54.0	25.01	AV	54.00	150	Horizontal	Pass
2	2438.250	105.31	-12.38	74.0	-31.31	Peak	182.00	150	Horizontal	N/A
2**	2438.250	102.10	-12.38	54.0	-48.10	AV	182.00	150	Horizontal	N/A
3	2920.250	46.62	-8.61	74.0	27.38	Peak	145.00	150	Horizontal	Pass
3**	2920.250	35.08	-8.61	54.0	18.92	AV	145.00	150	Horizontal	Pass
4	4874.500	50.15	-2.25	74.0	23.85	Peak	302.00	150	Horizontal	Pass
4**	4874.500	45.65	-2.25	54.0	8.35	AV	302.00	150	Horizontal	Pass
5	10267.500	47.08	-3.01	74.0	26.92	Peak	327.00	150	Horizontal	Pass
5**	10267.500	36.60	-3.01	54.0	17.40	AV	327.00	150	Horizontal	Pass
6	15262.000	49.22	-1.09	74.0	24.78	Peak	0.00	150	Horizontal	Pass
6**	15262.000	39.60	-1.09	54.0	14.40	AV	0.00	150	Horizontal	Pass

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

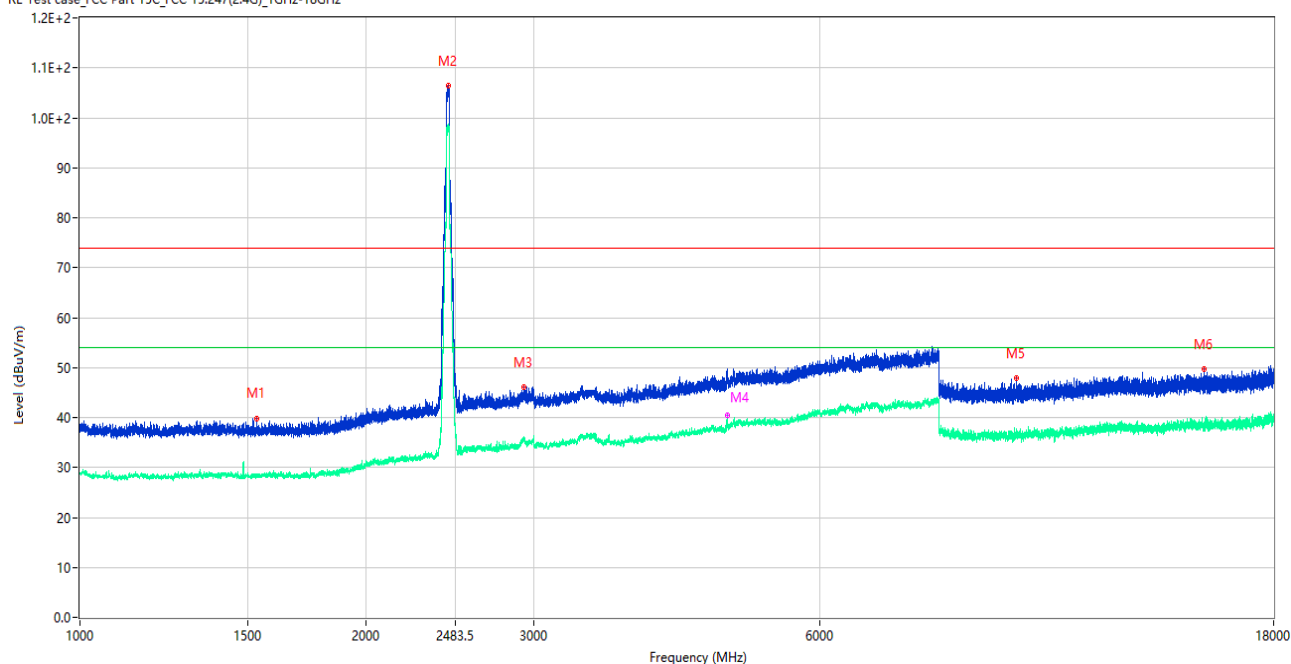
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	44.72	-16.14	74.0	29.28	Peak	130.00	150	Vertical	Pass
1**	1499.500	31.18	-16.14	54.0	22.82	AV	130.00	150	Vertical	Pass
2	2438.250	102.01	-12.38	74.0	-28.01	Peak	237.00	150	Vertical	N/A
2**	2438.250	99.18	-12.38	54.0	-45.18	AV	237.00	150	Vertical	N/A
3	2698.000	53.27	-10.59	74.0	20.73	Peak	108.00	150	Vertical	Pass
3**	2698.000	36.49	-10.59	54.0	17.51	AV	108.00	150	Vertical	Pass
4	4874.500	48.41	-2.25	74.0	25.59	Peak	0.00	150	Vertical	Pass
4**	4874.500	43.20	-2.25	54.0	10.80	AV	0.00	150	Vertical	Pass
5	9726.500	47.17	-4.24	74.0	26.83	Peak	321.00	150	Vertical	Pass
5**	9726.500	35.74	-4.24	54.0	18.26	AV	321.00	150	Vertical	Pass
6	17454.500	50.13	0.19	74.0	23.87	Peak	206.00	150	Vertical	Pass
6**	17454.500	39.22	0.19	54.0	14.78	AV	206.00	150	Vertical	Pass

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

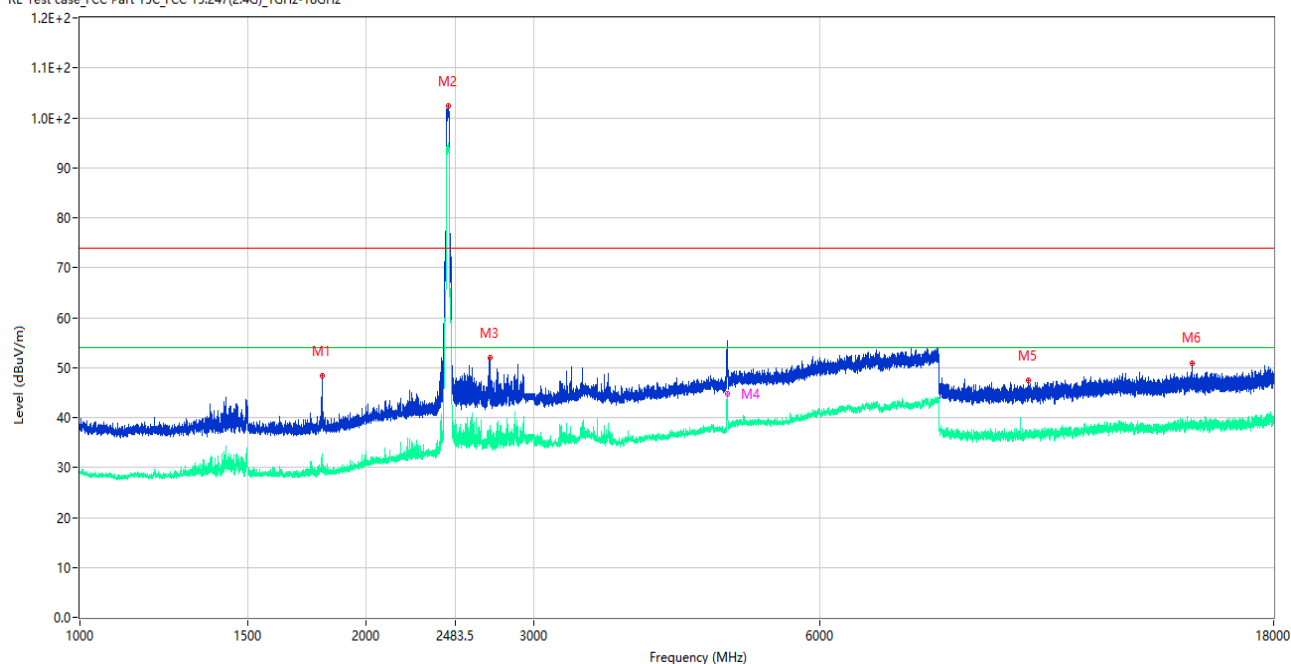
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.500	39.88	-16.02	74.0	34.12	Peak	138.00	150	Horizontal	Pass
1**	1534.500	28.62	-16.02	54.0	25.38	AV	138.00	150	Horizontal	Pass
2	2440.750	106.51	-12.38	74.0	-32.51	Peak	189.00	150	Horizontal	N/A
2**	2440.750	98.55	-12.38	54.0	-44.55	AV	189.00	150	Horizontal	N/A
3	2929.000	46.10	-7.96	74.0	27.90	Peak	11.00	150	Horizontal	Pass
3**	2929.000	35.43	-7.96	54.0	18.57	AV	11.00	150	Horizontal	Pass
4	4793.500	46.94	-3.12	74.0	27.06	Peak	0.00	150	Horizontal	Pass
4**	4793.500	40.34	-3.12	54.0	13.66	AV	0.00	150	Horizontal	Pass
5	9659.500	47.83	-3.20	74.0	26.17	Peak	31.00	150	Horizontal	Pass
5**	9659.500	36.78	-3.20	54.0	17.22	AV	31.00	150	Horizontal	Pass
6	15219.500	49.68	-1.83	74.0	24.32	Peak	1.00	150	Horizontal	Pass
6**	15219.500	39.05	-1.83	54.0	14.95	AV	1.00	150	Horizontal	Pass

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

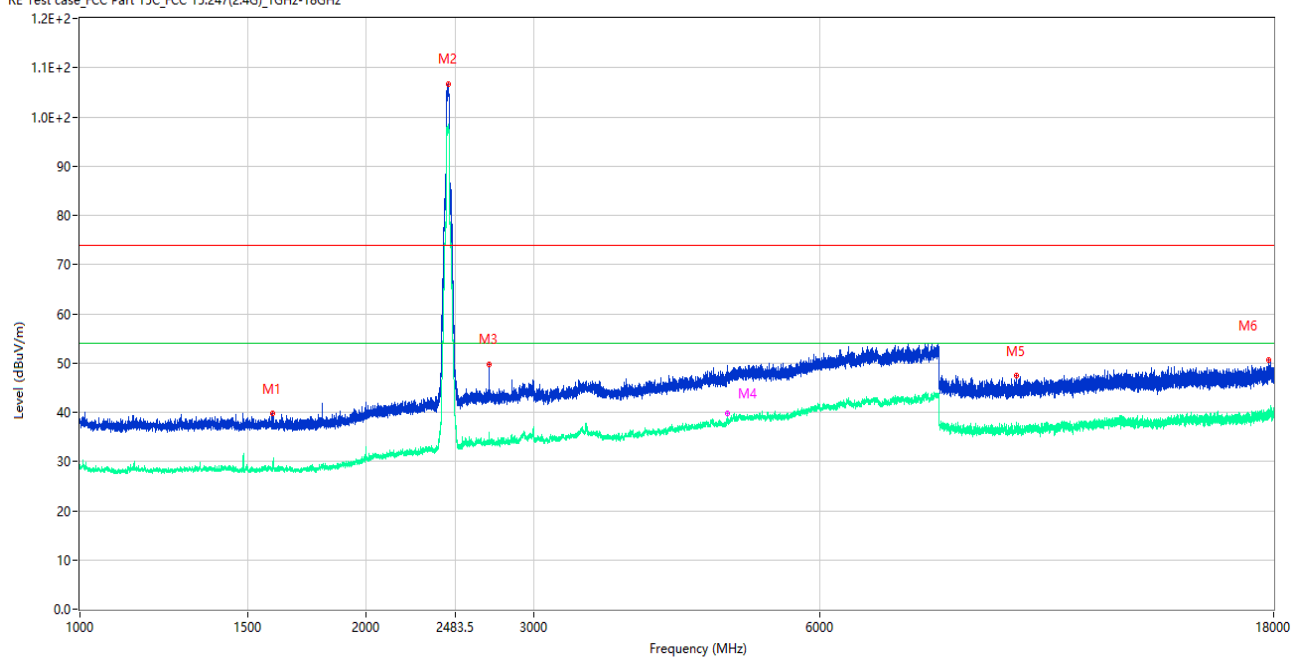
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1798.000	48.44	-15.71	74.0	25.56	Peak	95.00	150	Vertical	Pass
1**	1798.000	31.46	-15.71	54.0	22.54	AV	95.00	150	Vertical	Pass
2	2439.750	102.28	-12.37	74.0	-28.28	Peak	240.00	150	Vertical	N/A
2**	2439.750	94.82	-12.37	54.0	-40.82	AV	240.00	150	Vertical	N/A
3	2699.000	52.07	-10.54	74.0	21.93	Peak	285.00	150	Vertical	Pass
3**	2699.000	35.14	-10.54	54.0	18.86	AV	285.00	150	Vertical	Pass
4	4795.500	51.90	-3.09	74.0	22.10	Peak	243.00	150	Vertical	Pass
4**	4795.500	44.75	-3.09	54.0	9.25	AV	243.00	150	Vertical	Pass
5	9947.000	47.53	-4.01	74.0	26.47	Peak	328.00	150	Vertical	Pass
5**	9947.000	36.60	-4.01	54.0	17.40	AV	328.00	150	Vertical	Pass
6	14774.000	50.95	-0.80	74.0	23.05	Peak	351.00	150	Vertical	Pass
6**	14774.000	38.54	-0.80	54.0	15.46	AV	351.00	150	Vertical	Pass

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

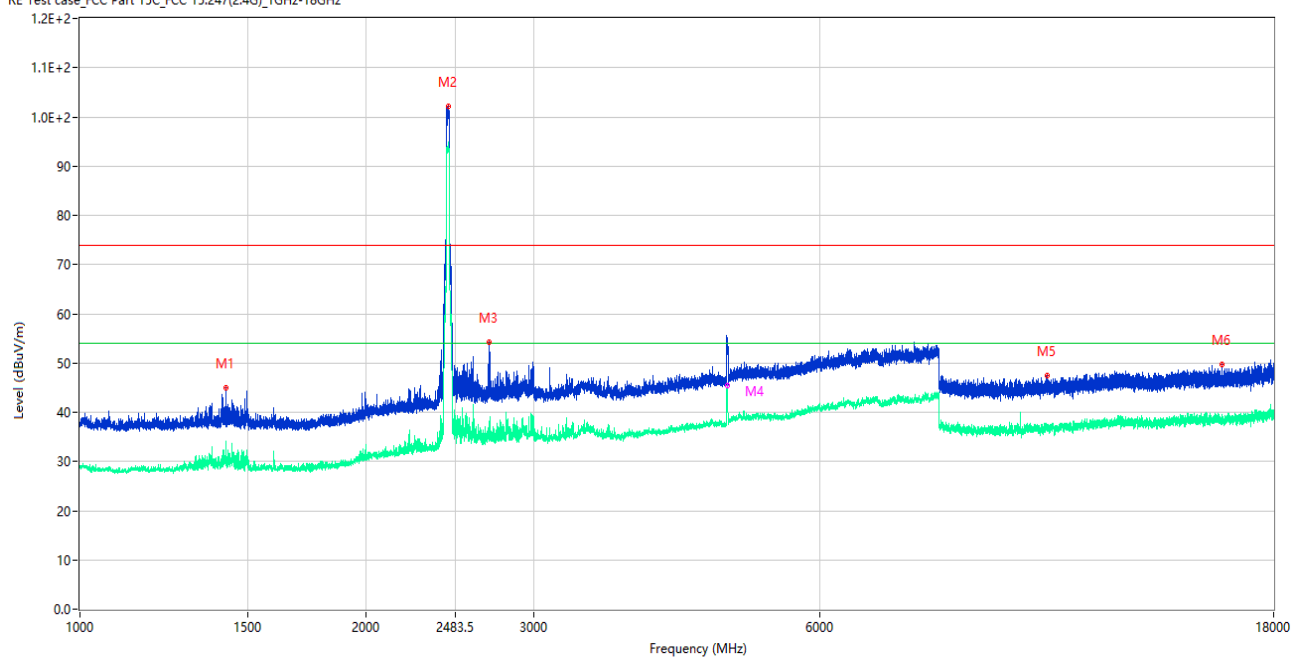
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.750	39.75	-16.25	74.0	34.25	Peak	70.00	150	Horizontal	Pass
1**	1595.750	28.24	-16.25	54.0	25.76	AV	70.00	150	Horizontal	Pass
2	2438.750	106.75	-12.37	74.0	-32.75	Peak	181.00	150	Horizontal	N/A
2**	2438.750	98.14	-12.37	54.0	-44.14	AV	181.00	150	Horizontal	N/A
3	2695.750	49.82	-10.57	74.0	24.18	Peak	47.00	150	Horizontal	Pass
3**	2695.750	34.20	-10.57	54.0	19.80	AV	47.00	150	Horizontal	Pass
4	4800.000	47.34	-2.90	74.0	26.66	Peak	349.00	150	Horizontal	Pass
4**	4800.000	39.66	-2.90	54.0	14.34	AV	349.00	150	Horizontal	Pass
5	9662.500	47.54	-3.18	74.0	26.46	Peak	211.00	150	Horizontal	Pass
5**	9662.500	36.72	-3.18	54.0	17.28	AV	211.00	150	Horizontal	Pass
6	17769.001	50.56	0.79	74.0	23.44	Peak	0.00	150	Horizontal	Pass
6**	17769.001	39.93	0.79	54.0	14.07	AV	0.00	150	Horizontal	Pass

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

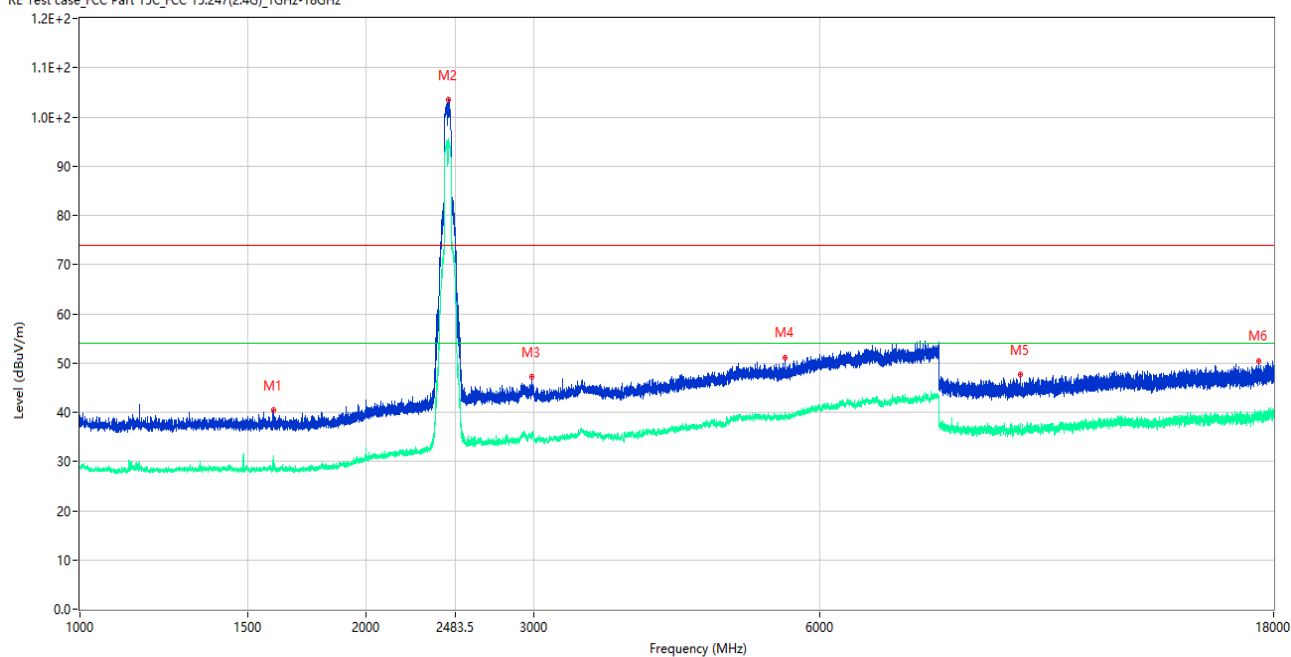
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1423.000	44.96	-15.94	74.0	29.04	Peak	128.00	150	Vertical	Pass
1**	1423.000	32.12	-15.94	54.0	21.88	AV	128.00	150	Vertical	Pass
2	2438.500	102.20	-12.37	74.0	-28.20	Peak	237.00	150	Vertical	N/A
2**	2438.500	94.28	-12.37	54.0	-40.28	AV	237.00	150	Vertical	N/A
3	2695.000	54.23	-10.61	74.0	19.77	Peak	291.00	150	Vertical	Pass
3**	2695.000	34.45	-10.61	54.0	19.55	AV	291.00	150	Vertical	Pass
4	4794.000	53.84	-3.11	74.0	20.16	Peak	283.00	150	Vertical	Pass
4**	4794.000	45.34	-3.11	54.0	8.66	AV	283.00	150	Vertical	Pass
5	10411.500	47.52	-3.28	74.0	26.48	Peak	235.00	150	Vertical	Pass
5**	10411.500	36.97	-3.28	54.0	17.03	AV	235.00	150	Vertical	Pass
6	15900.500	49.68	-1.91	74.0	24.32	Peak	0.00	150	Vertical	Pass
6**	15900.500	38.26	-1.91	54.0	15.74	AV	0.00	150	Vertical	Pass

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

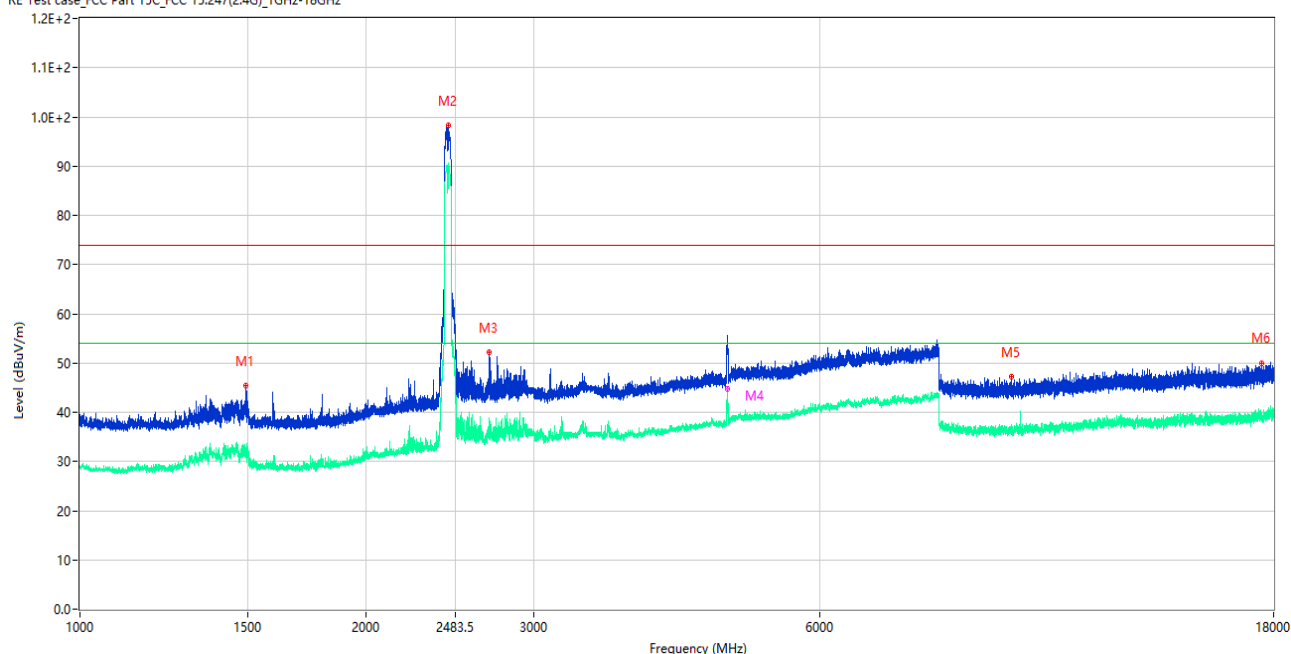
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	40.53	-16.23	74.0	33.47	Peak	73.00	150	Horizontal	Pass
1**	1596.500	31.18	-16.23	54.0	22.82	AV	73.00	150	Horizontal	Pass
2	2439.250	103.56	-12.37	74.0	-29.56	Peak	185.00	150	Horizontal	N/A
2**	2439.250	95.09	-12.37	54.0	-41.09	AV	185.00	150	Horizontal	N/A
3	2983.500	47.14	-9.32	74.0	26.86	Peak	348.00	150	Horizontal	Pass
3**	2983.500	34.95	-9.32	54.0	19.05	AV	348.00	150	Horizontal	Pass
4	5518.000	51.18	-2.53	74.0	22.82	Peak	139.00	150	Horizontal	Pass
4**	5518.000	39.18	-2.53	54.0	14.82	AV	139.00	150	Horizontal	Pass
5	9744.000	47.66	-3.97	74.0	26.34	Peak	294.00	150	Horizontal	Pass
5**	9744.000	36.62	-3.97	54.0	17.38	AV	294.00	150	Horizontal	Pass
6	17369.999	50.31	0.16	74.0	23.69	Peak	178.00	150	Horizontal	Pass
6**	17369.999	39.65	0.16	54.0	14.35	AV	178.00	150	Horizontal	Pass

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

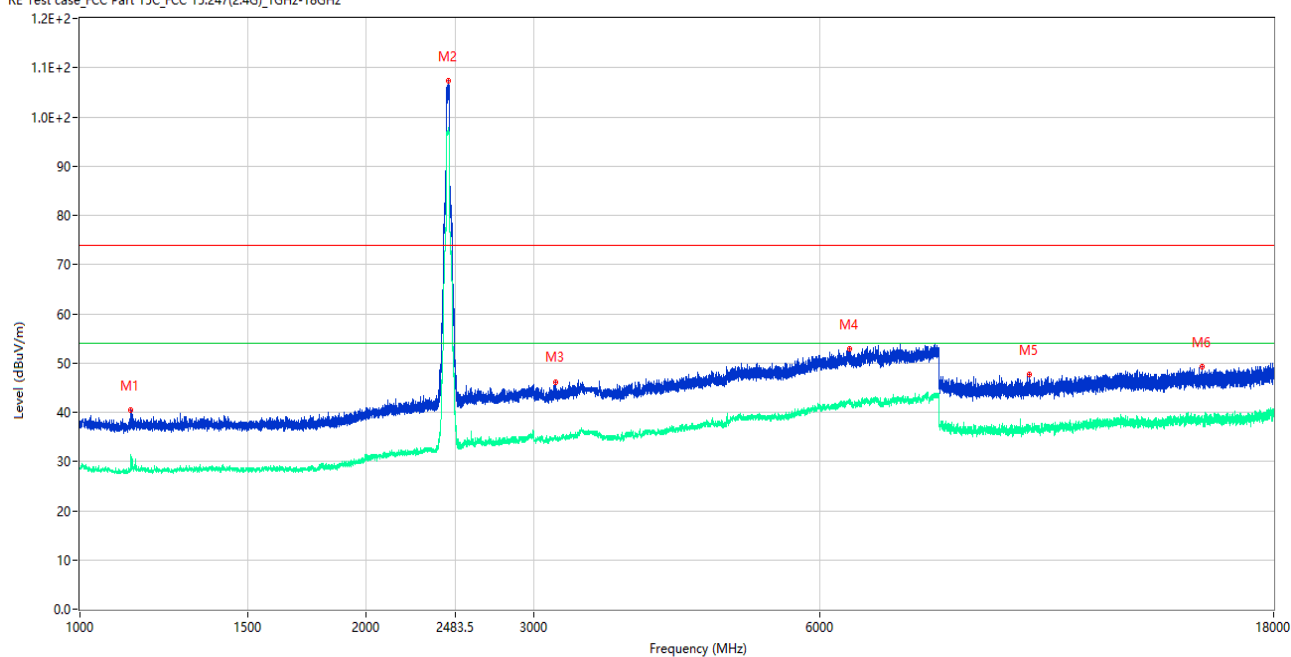
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.250	45.41	-16.19	74.0	28.59	Peak	127.00	150	Vertical	Pass
1**	1494.250	32.76	-16.19	54.0	21.24	AV	127.00	150	Vertical	Pass
2	2439.250	98.27	-12.37	74.0	-24.27	Peak	237.00	150	Vertical	N/A
2**	2439.250	90.25	-12.37	54.0	-36.25	AV	237.00	150	Vertical	N/A
3	2695.500	52.29	-10.59	74.0	21.71	Peak	278.00	150	Vertical	Pass
3**	2695.500	35.43	-10.59	54.0	18.57	AV	278.00	150	Vertical	Pass
4	4793.000	52.36	-3.12	74.0	21.64	Peak	282.00	150	Vertical	Pass
4**	4793.000	44.83	-3.12	54.0	9.17	AV	282.00	150	Vertical	Pass
5	9547.000	47.14	-2.53	74.0	26.86	Peak	8.00	150	Vertical	Pass
5**	9547.000	37.00	-2.53	54.0	17.00	AV	8.00	150	Vertical	Pass
6	17483.500	50.03	0.18	74.0	23.97	Peak	360.00	150	Vertical	Pass
6**	17483.500	38.74	0.18	54.0	15.26	AV	360.00	150	Vertical	Pass

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

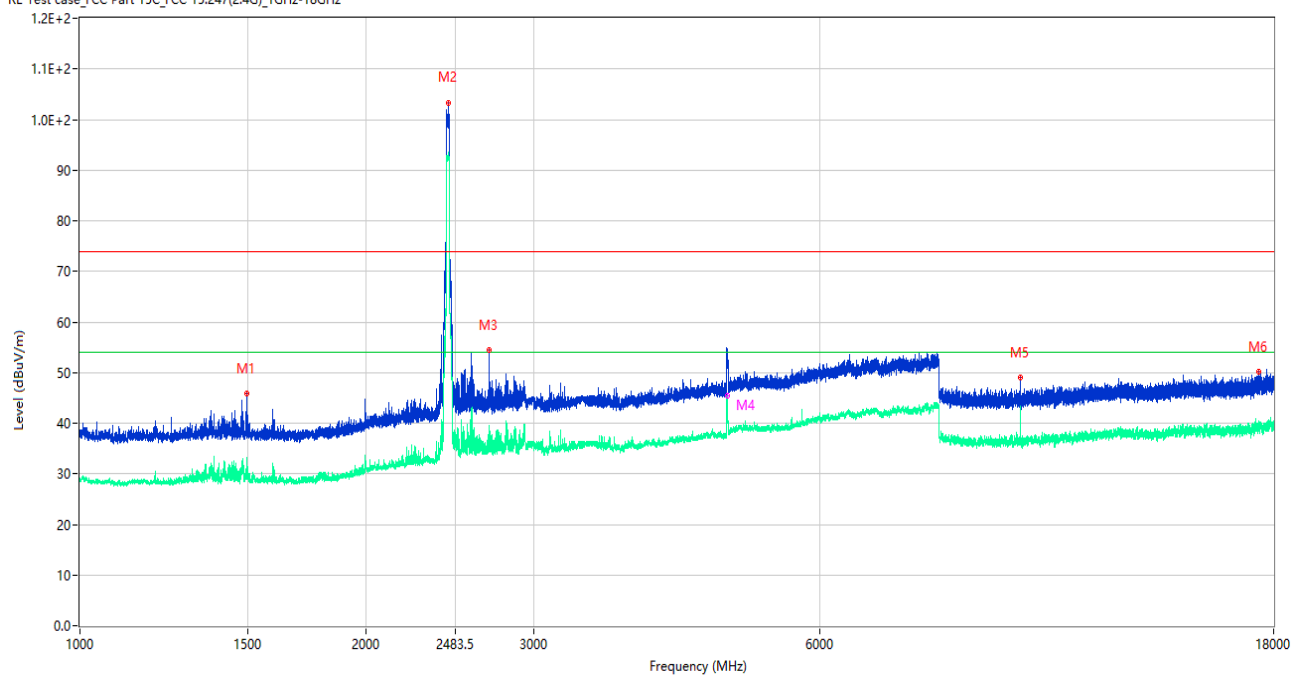
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1129.750	40.50	-15.57	74.0	33.50	Peak	62.00	150	Horizontal	Pass
1**	1129.750	28.37	-15.57	54.0	25.63	AV	62.00	150	Horizontal	Pass
2	2442.000	107.26	-12.43	74.0	-33.26	Peak	193.00	150	Horizontal	N/A
2**	2442.000	97.29	-12.43	54.0	-43.29	AV	193.00	150	Horizontal	N/A
3	3162.000	46.14	-7.14	74.0	27.86	Peak	205.00	150	Horizontal	Pass
3**	3162.000	34.78	-7.14	54.0	19.22	AV	205.00	150	Horizontal	Pass
4	6454.500	52.94	-0.14	74.0	21.06	Peak	185.00	150	Horizontal	Pass
4**	6454.500	41.64	-0.14	54.0	12.36	AV	185.00	150	Horizontal	Pass
5	9953.000	47.65	-3.89	74.0	26.35	Peak	359.00	150	Horizontal	Pass
5**	9953.000	36.76	-3.89	54.0	17.24	AV	359.00	150	Horizontal	Pass
6	15154.500	49.22	-3.12	74.0	24.78	Peak	66.00	150	Horizontal	Pass
6**	15154.500	38.98	-3.12	54.0	15.02	AV	66.00	150	Horizontal	Pass

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

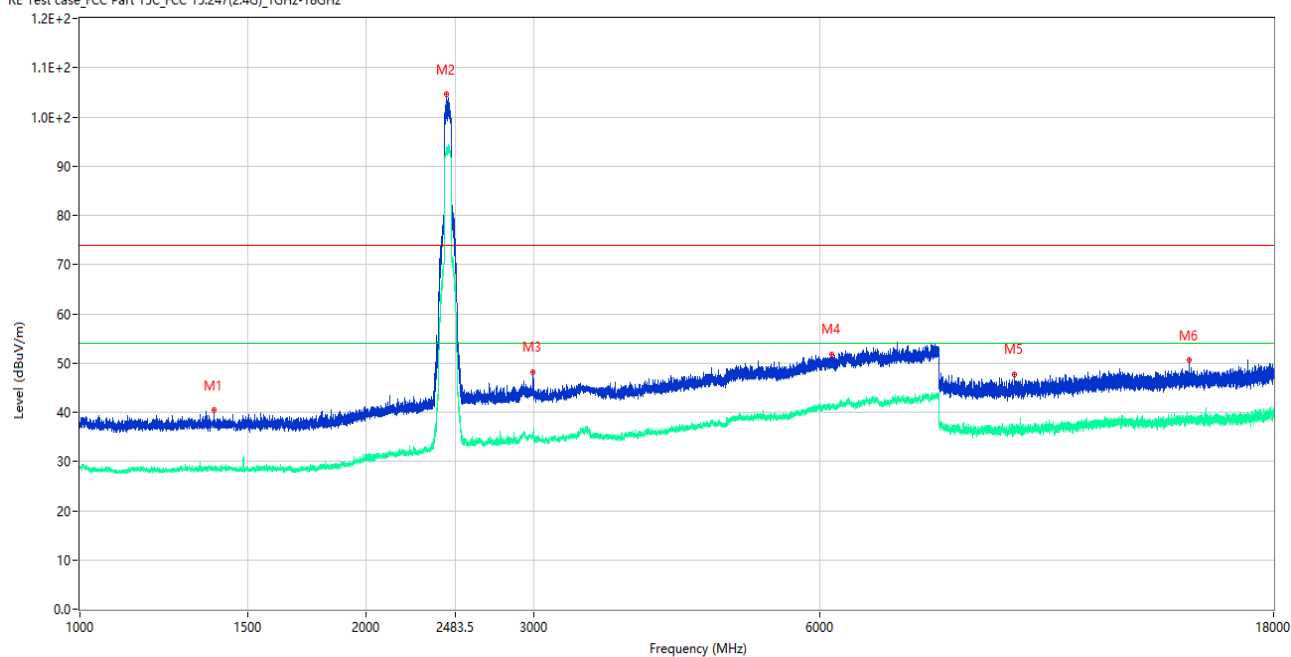
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.000	45.80	-16.15	74.0	28.20	Peak	140.00	150	Vertical	Pass
1**	1497.000	31.63	-16.15	54.0	22.37	AV	140.00	150	Vertical	Pass
2	2438.250	103.37	-12.38	74.0	-29.37	Peak	239.00	150	Vertical	N/A
2**	2438.250	93.13	-12.38	54.0	-39.13	AV	239.00	150	Vertical	N/A
3	2694.500	54.42	-10.61	74.0	19.58	Peak	127.00	150	Vertical	Pass
3**	2694.500	36.85	-10.61	54.0	17.15	AV	127.00	150	Vertical	Pass
4	4796.000	52.45	-3.10	74.0	21.55	Peak	325.00	150	Vertical	Pass
4**	4796.000	45.33	-3.10	54.0	8.67	AV	325.00	150	Vertical	Pass
5	9748.500	49.00	-3.75	74.0	25.00	Peak	264.00	150	Vertical	Pass
5**	9748.500	43.32	-3.75	54.0	10.68	AV	264.00	150	Vertical	Pass
6	17347.000	50.10	0.14	74.0	23.90	Peak	323.00	150	Vertical	Pass
6**	17347.000	39.34	0.14	54.0	14.66	AV	323.00	150	Vertical	Pass

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

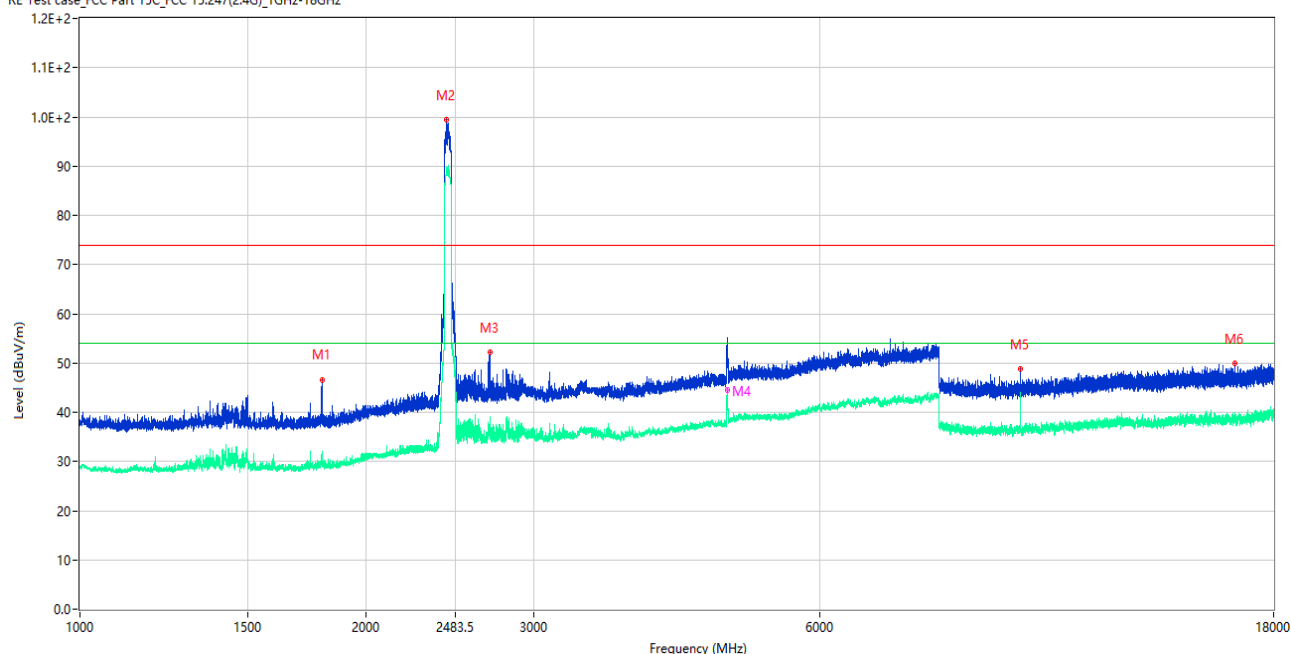
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1383.250	40.49	-15.97	74.0	33.51	Peak	248.00	150	Horizontal	Pass
1**	1383.250	28.62	-15.97	54.0	25.38	AV	248.00	150	Horizontal	Pass
2	2427.500	104.58	-12.28	74.0	-30.58	Peak	228.00	150	Horizontal	N/A
2**	2427.500	93.14	-12.28	54.0	-39.14	AV	228.00	150	Horizontal	Fail
3	2997.250	48.22	-8.79	74.0	25.78	Peak	165.00	150	Horizontal	Pass
3**	2997.250	35.73	-8.79	54.0	18.27	AV	165.00	150	Horizontal	Pass
4	6166.500	51.84	-0.35	74.0	22.16	Peak	118.00	150	Horizontal	Pass
4**	6166.500	40.84	-0.35	54.0	13.16	AV	118.00	150	Horizontal	Pass
5	9616.000	47.74	-3.40	74.0	26.26	Peak	321.00	150	Horizontal	Pass
5**	9616.000	36.88	-3.40	54.0	17.12	AV	321.00	150	Horizontal	Pass
6	14687.500	50.62	-2.15	74.0	23.38	Peak	0.00	150	Horizontal	Pass
6**	14687.500	38.19	-2.15	54.0	15.81	AV	0.00	150	Horizontal	Pass

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

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1798.750	46.53	-15.72	74.0	27.47	Peak	108.00	150	Vertical	Pass
1**	1798.750	29.33	-15.72	54.0	24.67	AV	108.00	150	Vertical	Pass
2	2429.250	99.34	-12.25	74.0	-25.34	Peak	239.00	150	Vertical	N/A
2**	2429.250	89.12	-12.25	54.0	-35.12	AV	239.00	150	Vertical	Fail
3	2701.750	52.14	-10.44	74.0	21.86	Peak	121.00	150	Vertical	Pass
3**	2701.750	34.76	-10.44	54.0	19.24	AV	121.00	150	Vertical	Pass
4	4793.500	51.14	-3.12	74.0	22.86	Peak	234.00	150	Vertical	Pass
4**	4793.500	44.45	-3.12	54.0	9.55	AV	234.00	150	Vertical	Pass
5	9748.000	48.71	-3.78	74.0	25.29	Peak	298.00	150	Vertical	Pass
5**	9748.000	41.57	-3.78	54.0	12.43	AV	298.00	150	Vertical	Pass
6	16390.500	49.98	-1.32	74.0	24.02	Peak	360.00	150	Vertical	Pass
6**	16390.500	39.40	-1.32	54.0	14.60	AV	360.00	150	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 C63.10-2020, 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

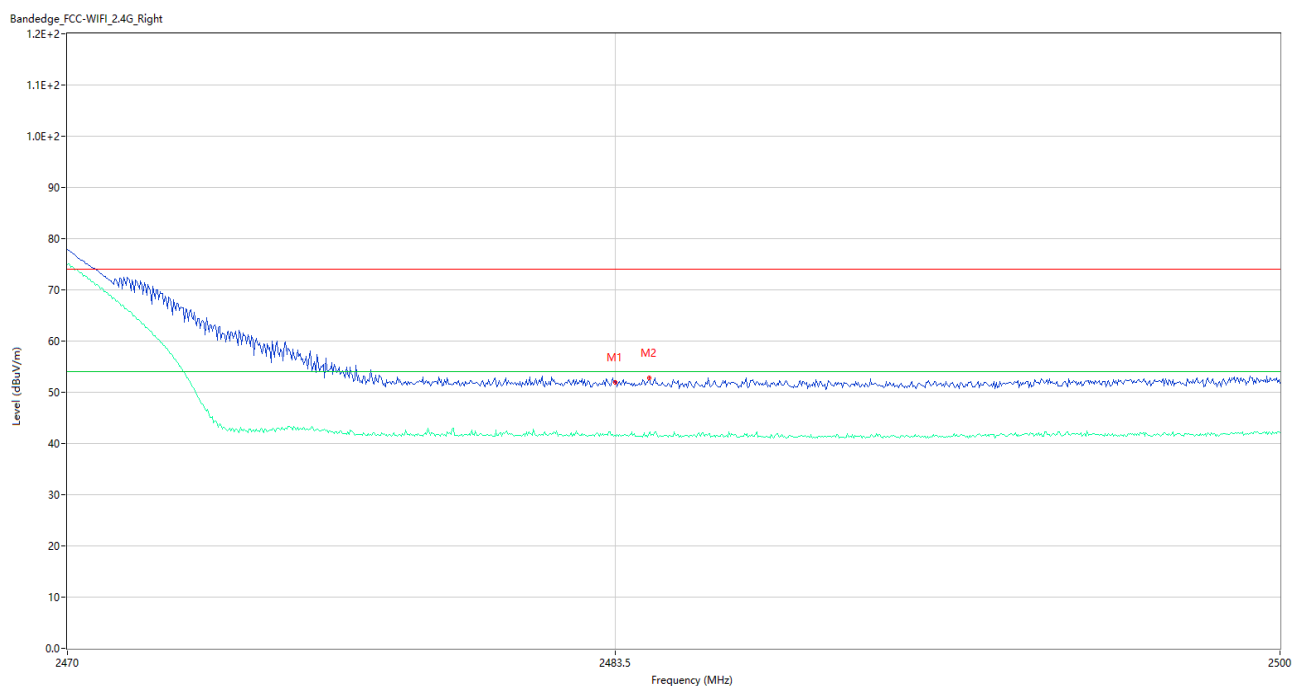
Main Antenna

802.11b LOW CHANNEL



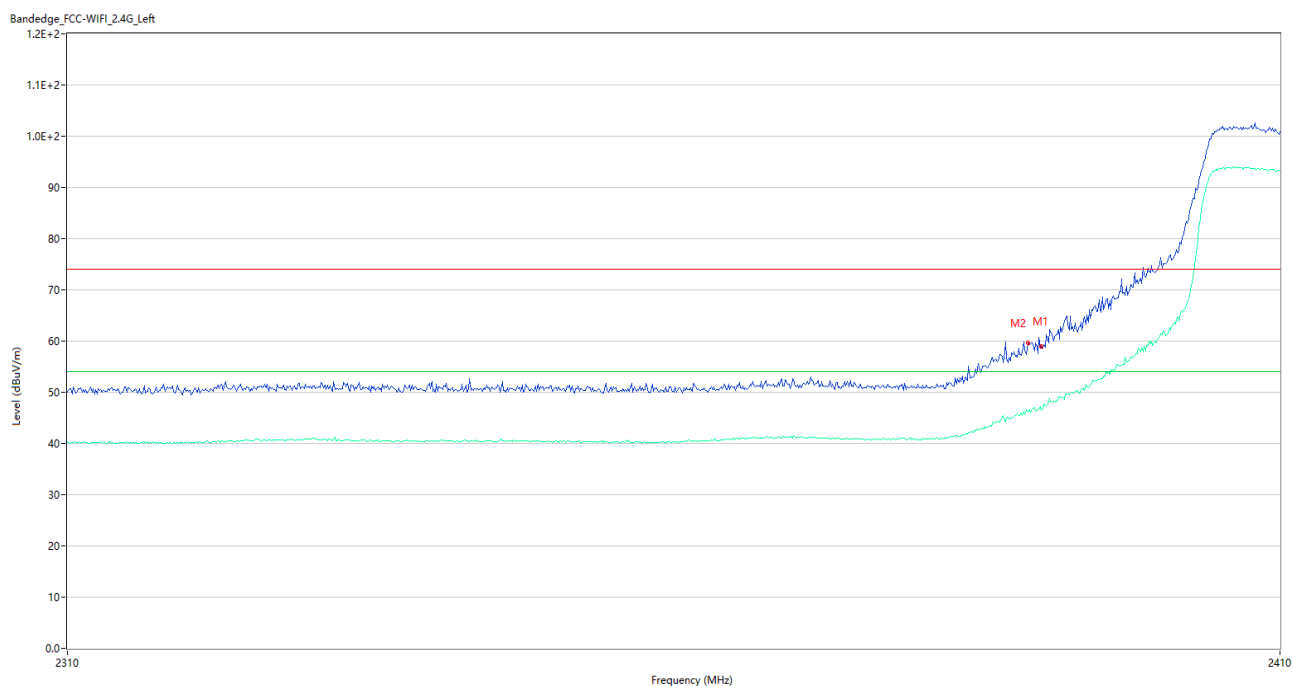
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.02	-4.87	74.0	22.98	Peak	159.80	150	Horizontal	Pass
1**	2390.000	40.57	-4.87	54.0	13.43	AV	159.80	150	Horizontal	Pass
2	2368.600	52.78	-4.16	74.0	21.22	Peak	105.00	150	Horizontal	Pass
2**	2368.600	41.17	-4.16	54.0	12.83	AV	105.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



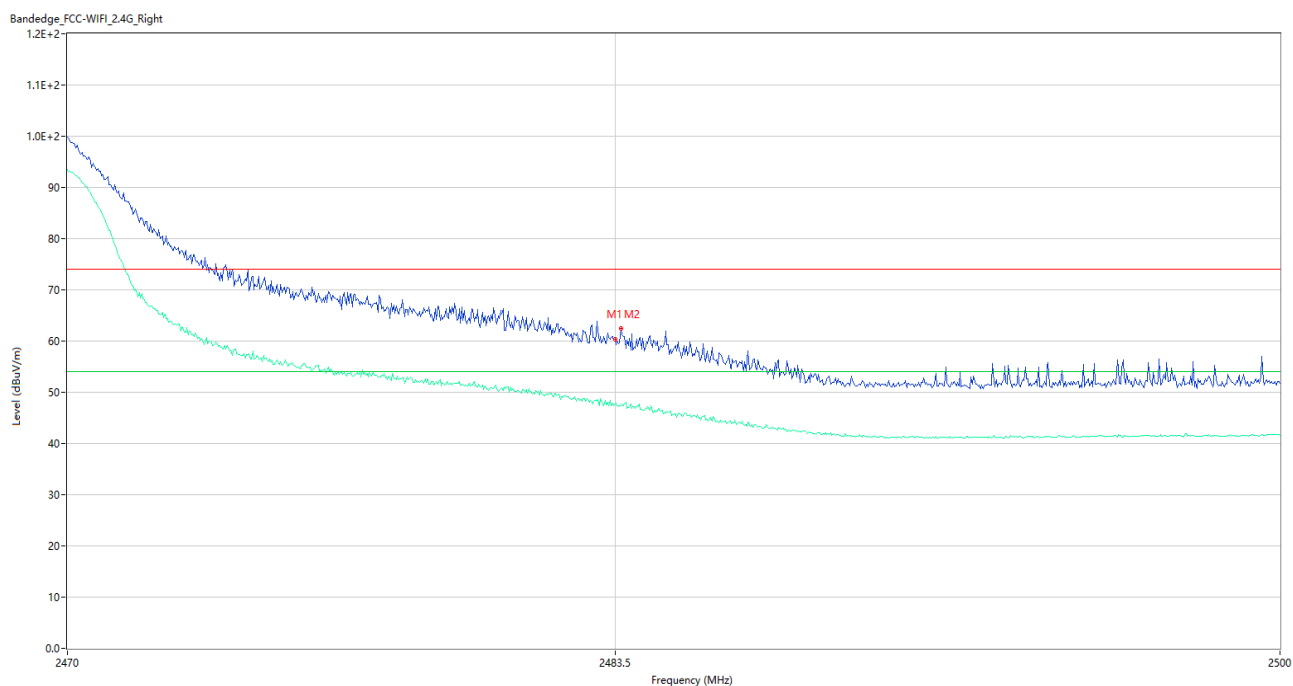
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.97	-3.78	74.0	22.03	Peak	167.00	150	Vertical	Pass
1**	2483.500	41.61	-3.78	54.0	12.39	AV	167.00	150	Vertical	Pass
2	2484.340	52.73	-3.78	74.0	21.27	Peak	249.00	150	Vertical	Pass
2**	2484.340	41.94	-3.78	54.0	12.06	AV	249.00	150	Vertical	Pass

802.11g LOW CHANNEL



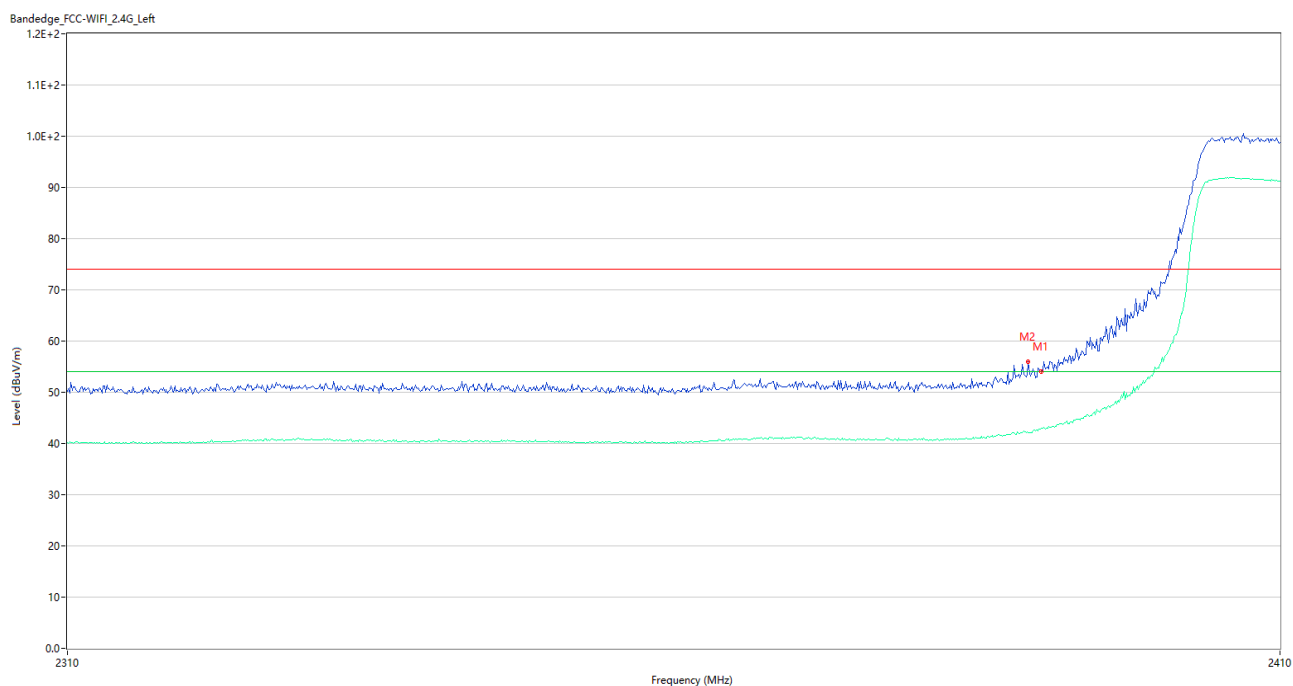
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	58.90	-4.87	74.0	15.10	Peak	164.23	150	Horizontal	Pass
1**	2390.000	46.55	-4.87	54.0	7.45	AV	164.23	150	Horizontal	Pass
2	2388.900	59.70	-4.81	74.0	14.30	Peak	91.00	150	Horizontal	Pass
2**	2388.900	46.20	-4.81	54.0	7.80	AV	91.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



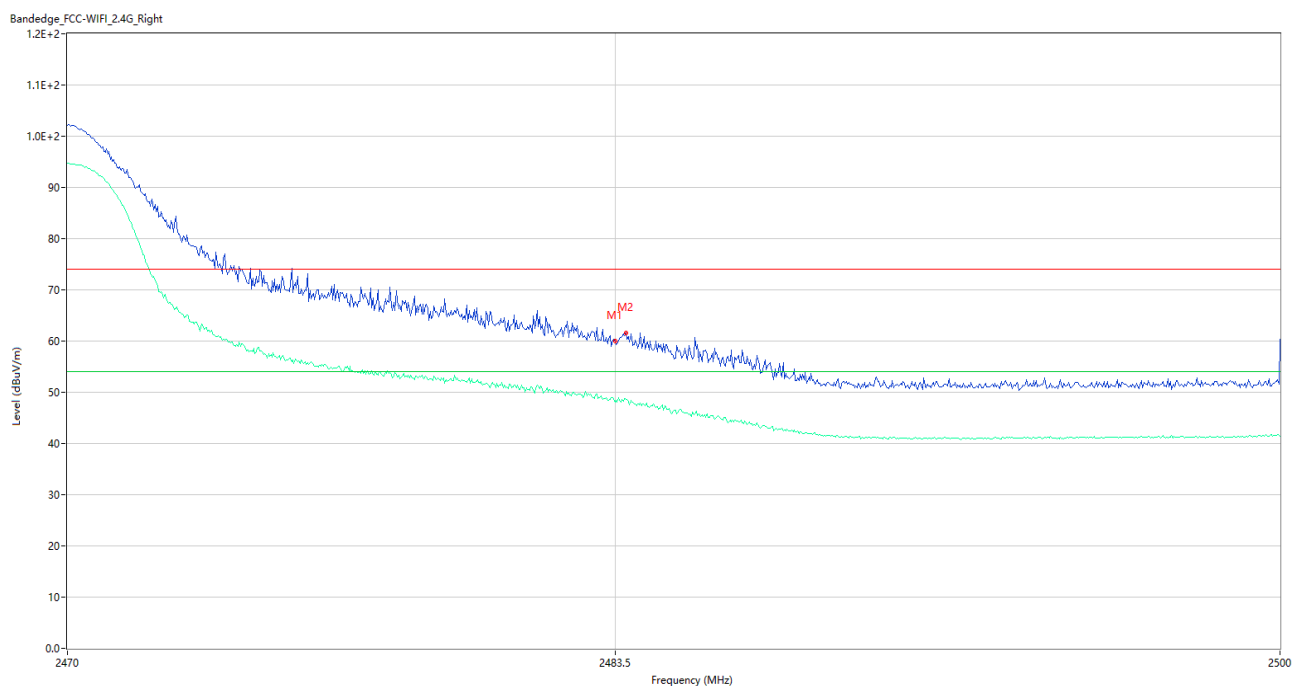
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.32	-3.78	74.0	13.68	Peak	122.00	100	Horizontal	Pass
1**	2483.500	47.63	-3.78	54.0	6.37	AV	122.00	100	Horizontal	Pass
2	2483.650	62.40	-3.78	74.0	11.60	Peak	122.00	100	Horizontal	Pass
2**	2483.650	47.30	-3.78	54.0	6.70	AV	122.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL



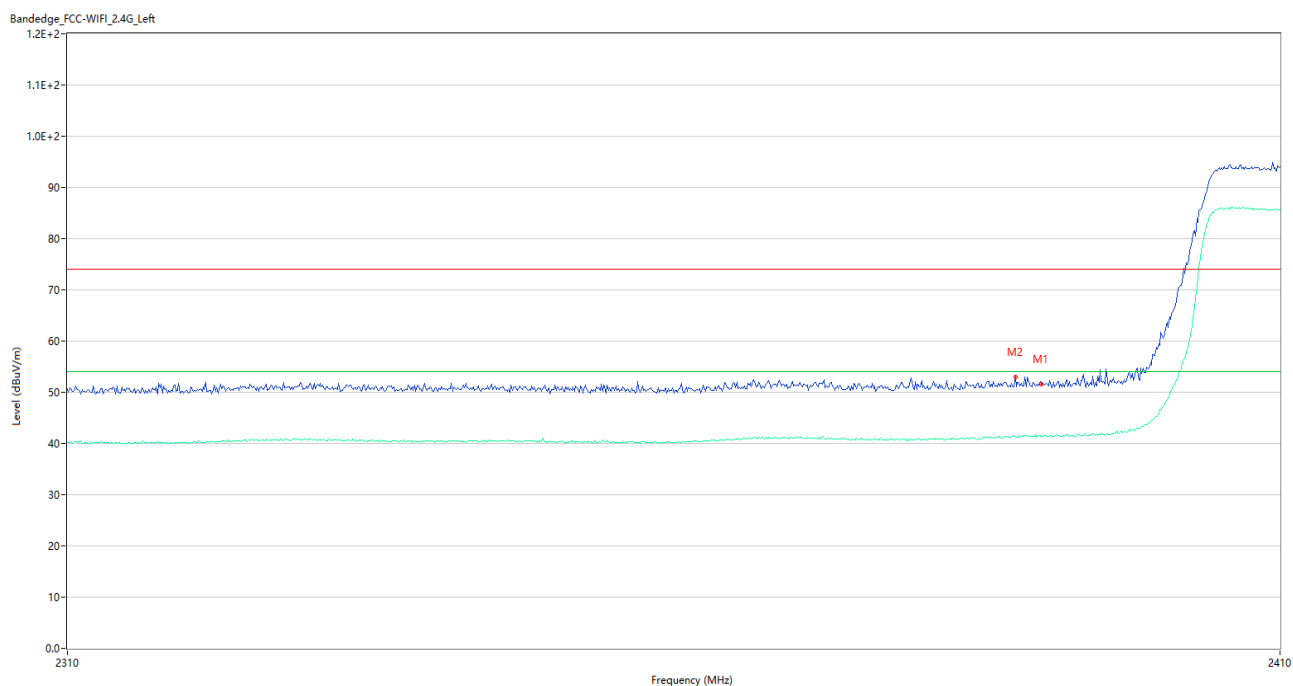
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.00	-4.87	74.0	20.00	Peak	152.99	100	Horizontal	Pass
1**	2390.000	42.97	-4.87	54.0	11.03	AV	152.99	100	Horizontal	Pass
2	2388.900	55.92	-4.81	74.0	18.08	Peak	140.00	100	Horizontal	Pass
2**	2388.900	42.10	-4.81	54.0	11.90	AV	140.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL



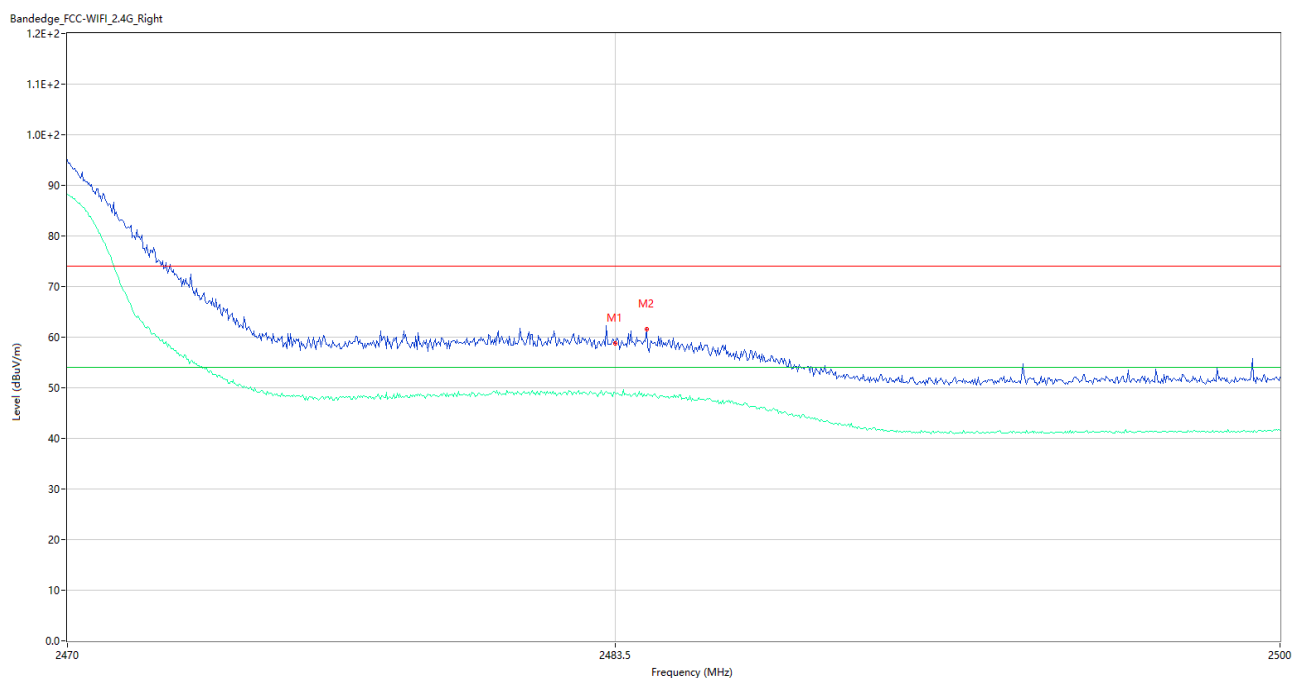
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.05	-3.78	74.0	13.95	Peak	133.00	150	Horizontal	Pass
1**	2483.500	48.08	-3.78	54.0	5.92	AV	133.00	150	Horizontal	Pass
2	2483.770	61.57	-3.78	74.0	12.43	Peak	168.00	150	Horizontal	Pass
2**	2483.770	48.52	-3.78	54.0	5.48	AV	168.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



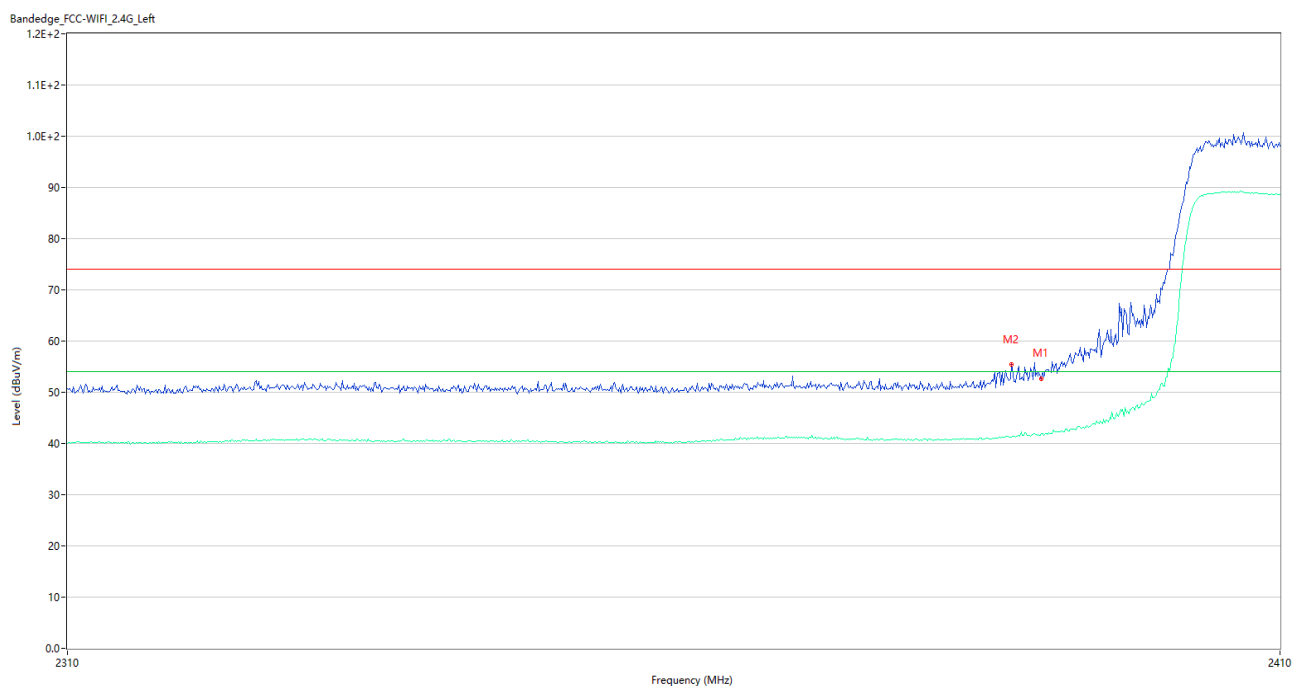
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.54	-4.87	74.0	22.46	Peak	293.90	150	Horizontal	Pass
1**	2390.000	41.27	-4.87	54.0	12.73	AV	293.90	150	Horizontal	Pass
2	2387.800	53.05	-4.75	74.0	20.95	Peak	144.00	150	Horizontal	Pass
2**	2387.800	41.23	-4.75	54.0	12.77	AV	144.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



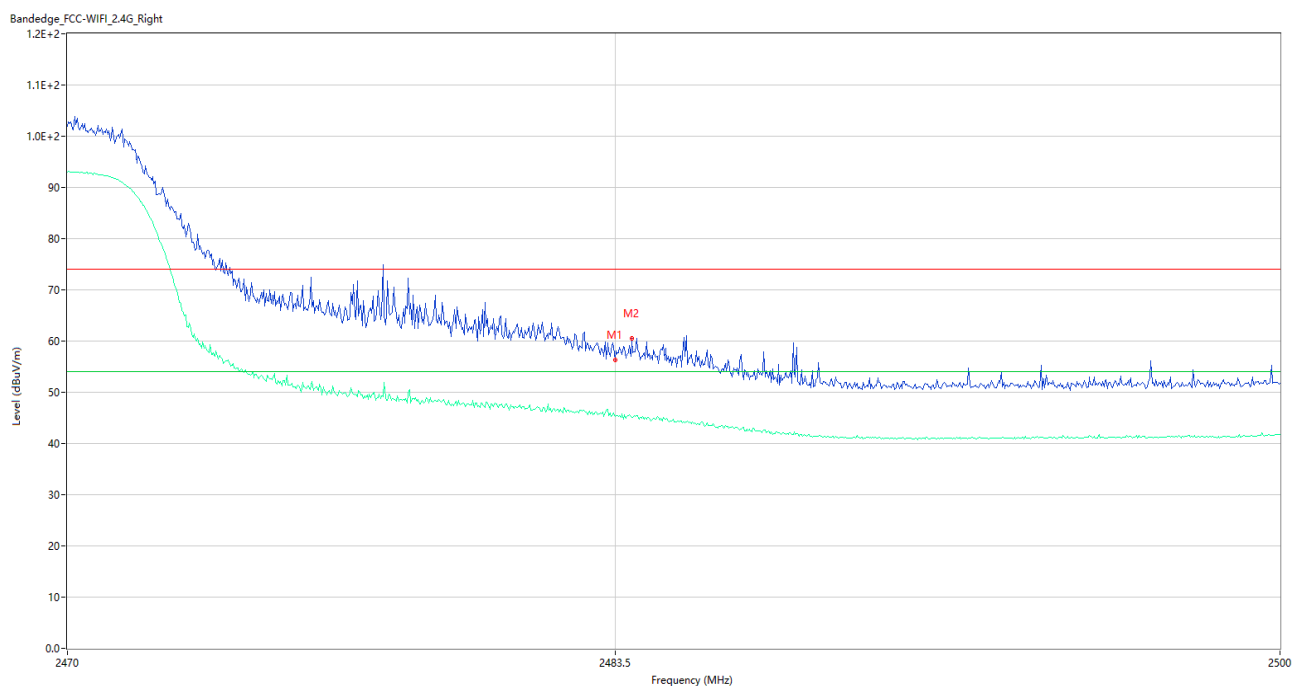
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.72	-3.78	74.0	15.28	Peak	170.00	150	Horizontal	Pass
1**	2483.500	48.90	-3.78	54.0	5.10	AV	170.00	150	Horizontal	Pass
2	2484.280	61.53	-3.78	74.0	12.47	Peak	138.00	150	Horizontal	Pass
2**	2484.280	48.37	-3.78	54.0	5.63	AV	138.00	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	2390.000	52.68	-4.87	74.0	21.32	Peak	0.11	150	Horizontal	Pass
1**	2390.000	41.91	-4.87	54.0	12.09	AV	0.11	150	Horizontal	Pass
2	2387.500	55.49	-4.73	74.0	18.51	Peak	316.00	150	Horizontal	Pass
2**	2387.500	41.31	-4.73	54.0	12.69	AV	316.00	150	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



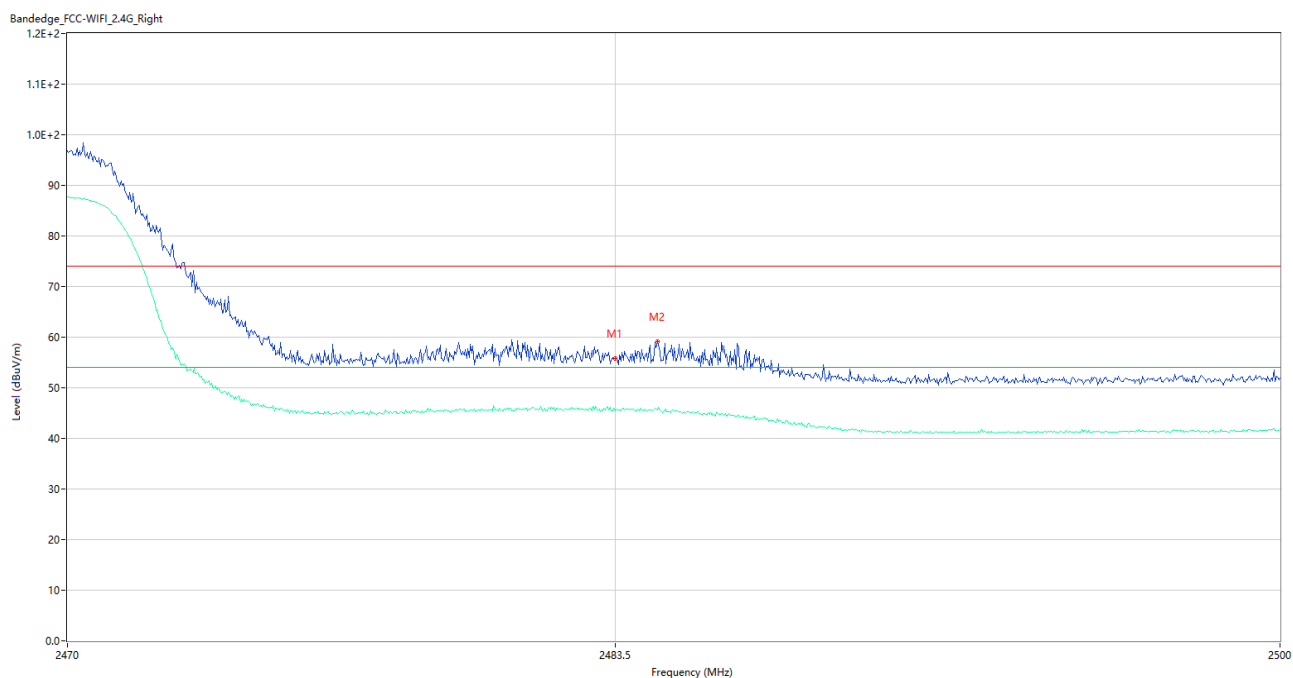
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.28	-3.78	74.0	17.72	Peak	170.00	150	Horizontal	Pass
1**	2483.500	45.21	-3.78	54.0	8.79	AV	170.00	150	Horizontal	Pass
2	2483.920	60.46	-3.78	74.0	13.54	Peak	134.00	150	Horizontal	Pass
2**	2483.920	45.10	-3.78	54.0	8.90	AV	134.00	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	2390.000	50.93	-4.87	74.0	23.07	Peak	359.72	150	Horizontal	Pass
1**	2390.000	41.09	-4.87	54.0	12.91	AV	359.72	150	Horizontal	Pass
2	2368.400	52.98	-4.18	74.0	21.02	Peak	179.00	150	Horizontal	Pass
2**	2368.400	41.40	-4.18	54.0	12.60	AV	179.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	55.81	-3.78	74.0	18.19	Peak	126.00	150	Horizontal	Pass
1**	2483.500	45.44	-3.78	54.0	8.56	AV	126.00	150	Horizontal	Pass
2	2484.550	59.10	-3.78	74.0	14.90	Peak	132.00	150	Horizontal	Pass
2**	2484.550	45.63	-3.78	54.0	8.37	AV	132.00	150	Horizontal	Pass

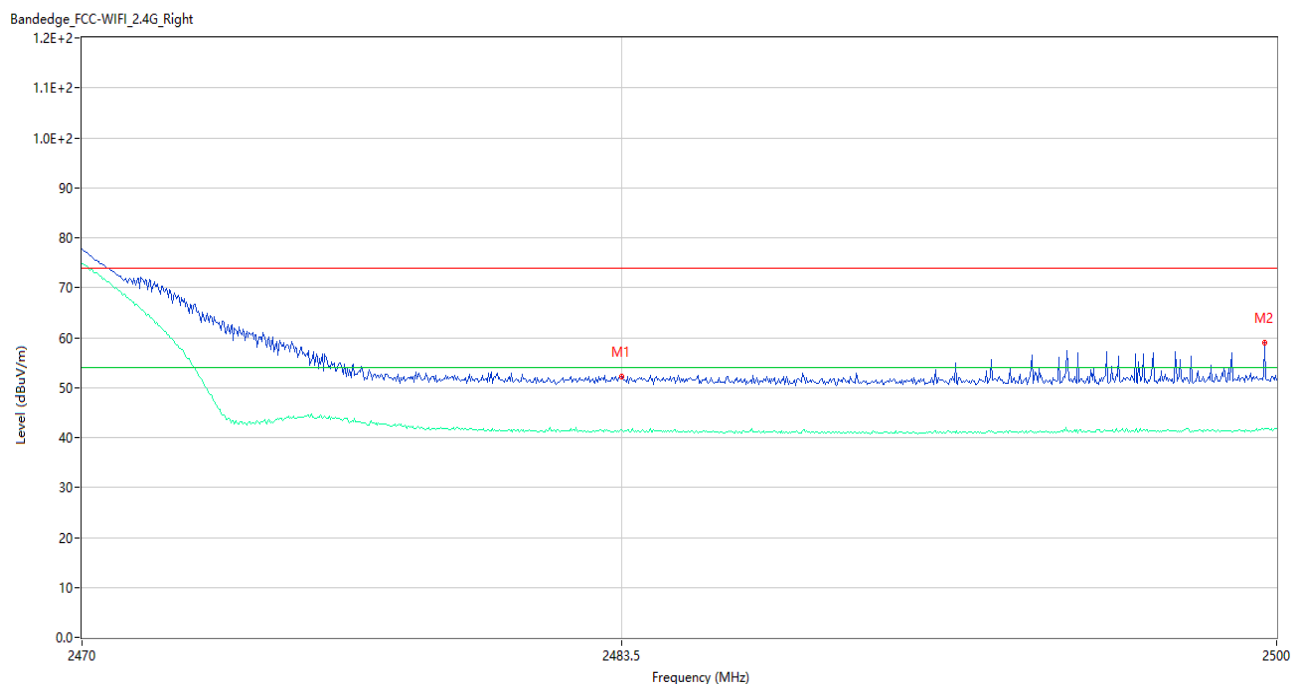
Aux. Antenna

802.11b LOW CHANNEL



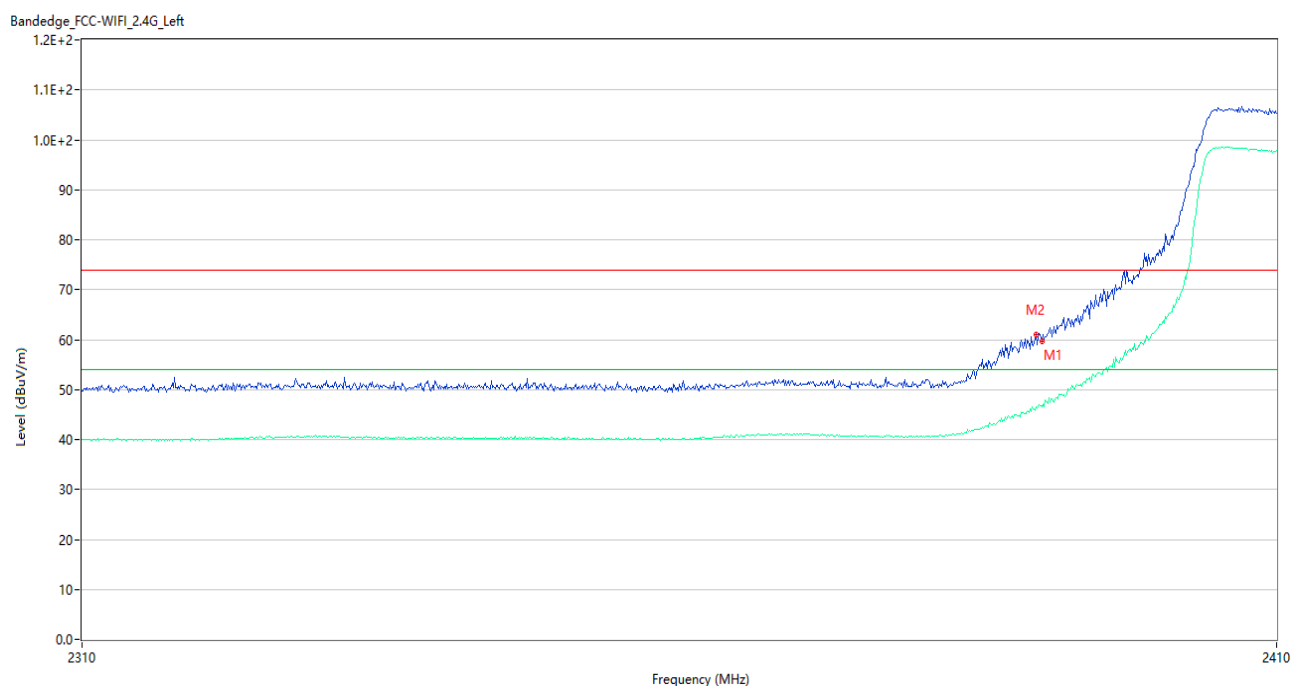
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.82	-4.87	74.0	23.18	Peak	64.92	150	Horizontal	Pass
1**	2390.000	40.84	-4.87	54.0	13.16	AV	64.92	150	Horizontal	Pass
2	2364.900	51.74	-4.56	74.0	22.26	Peak	310.00	150	Horizontal	Pass
2**	2364.900	40.59	-4.56	54.0	13.41	AV	310.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



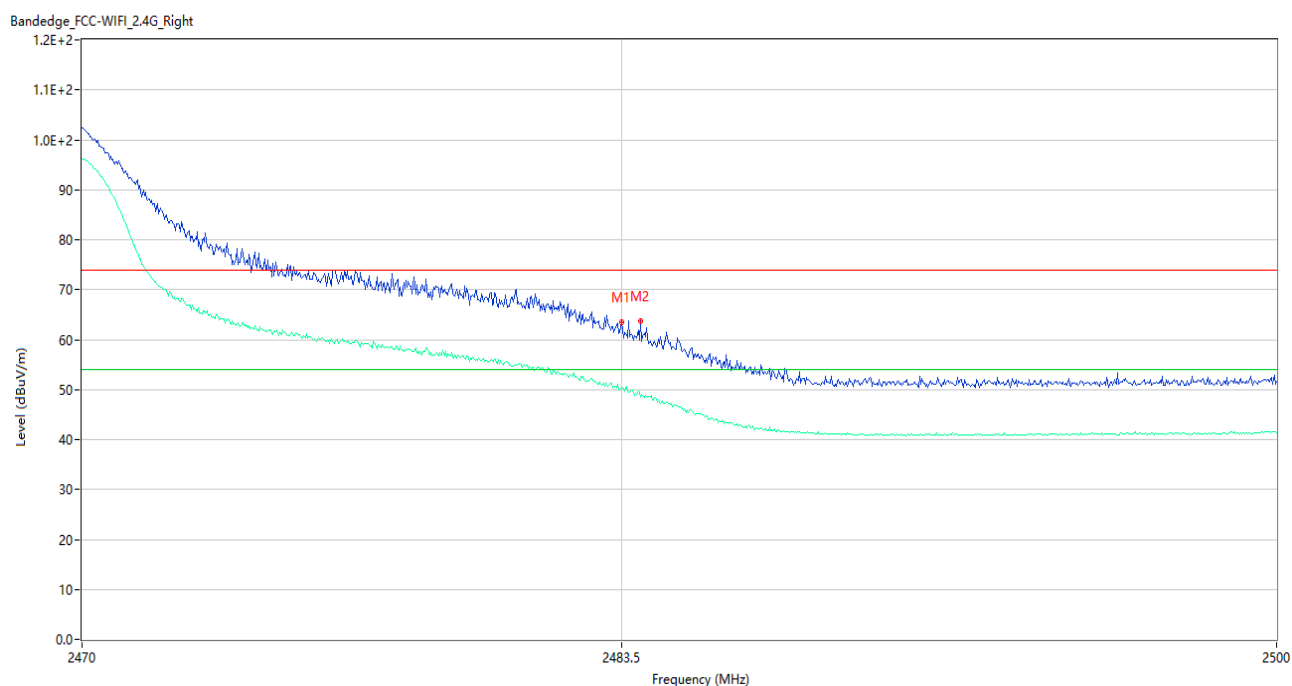
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.19	-3.78	74.0	21.81	Peak	134.00	150	Vertical	Pass
1**	2483.500	41.64	-3.78	54.0	12.36	AV	134.00	150	Vertical	Pass
2	2499.700	59.07	-3.99	74.0	14.93	Peak	111.00	150	Vertical	Pass
2**	2499.700	41.81	-3.99	54.0	12.19	AV	111.00	150	Vertical	Pass

802.11g LOW CHANNEL



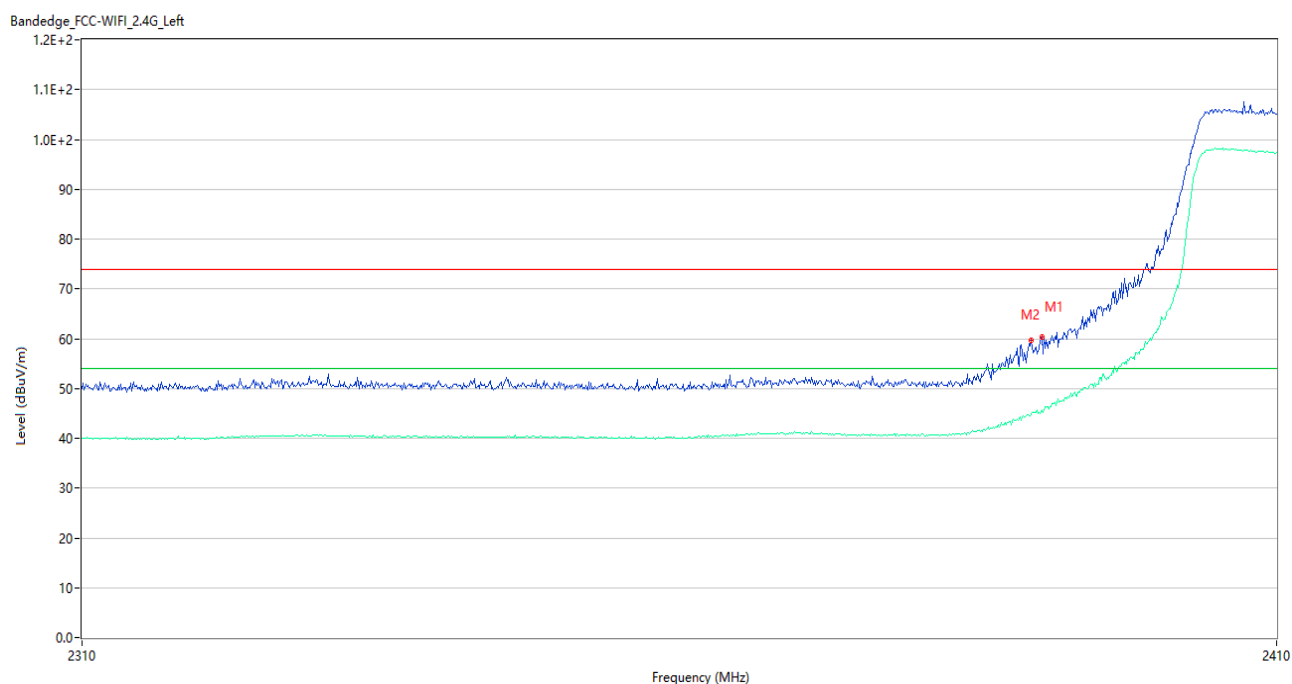
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.76	-4.87	74.0	14.24	Peak	192.99	150	Horizontal	Pass
1**	2390.000	46.65	-4.87	54.0	7.35	AV	192.99	150	Horizontal	Pass
2	2389.500	61.12	-4.85	74.0	12.88	Peak	214.00	150	Horizontal	Pass
2**	2389.500	46.57	-4.85	54.0	7.43	AV	214.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



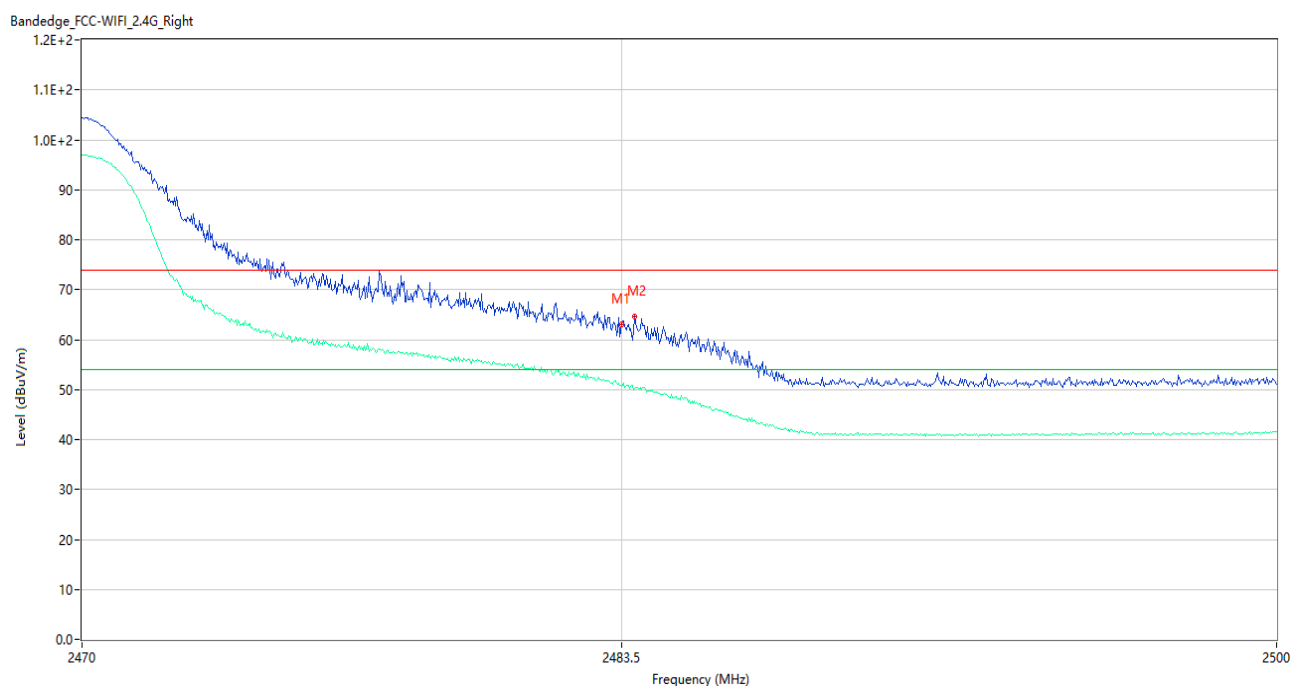
No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	63.60	-3.78	74.0	10.40	Peak	188.00	150	Horizontal	Pass
1**	2483.500	50.38	-3.78	54.0	3.62	AV	188.00	150	Horizontal	Pass
2	2483.980	63.81	-3.78	74.0	10.19	Peak	198.00	150	Horizontal	Pass
2**	2483.980	48.59	-3.78	54.0	5.41	AV	198.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



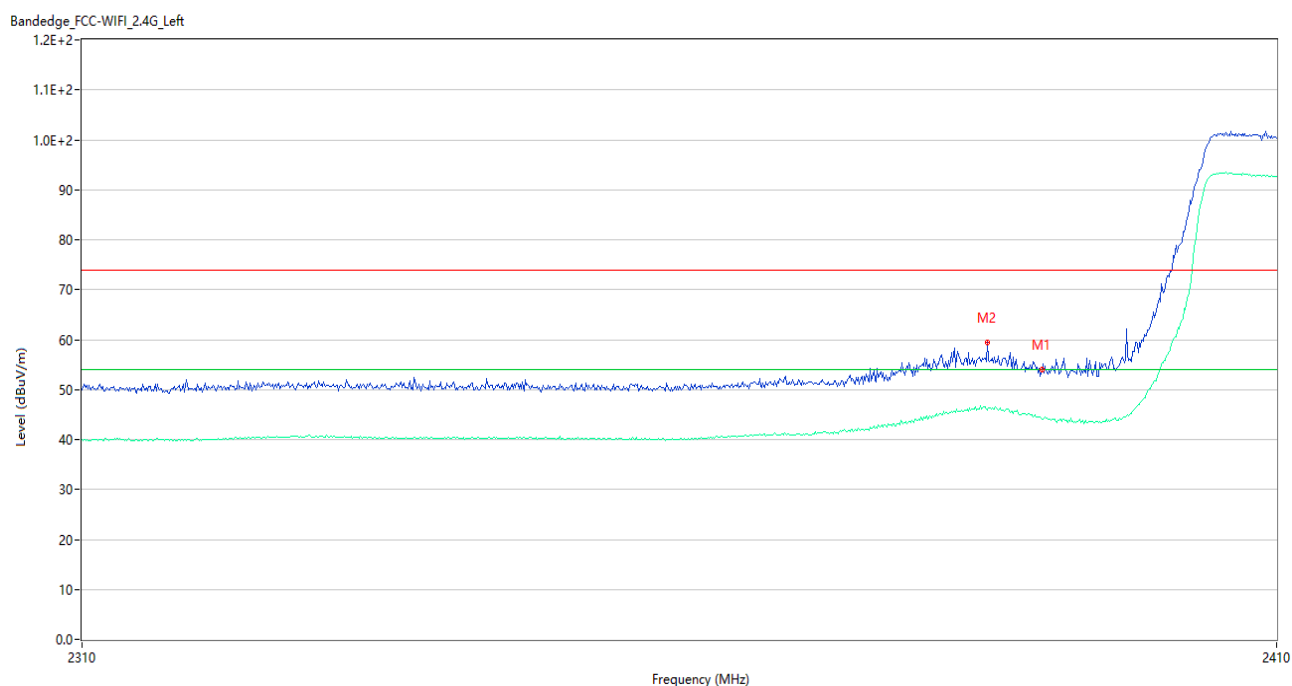
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	60.30	-4.87	74.0	13.70	Peak	182.04	150	Horizontal	Pass
1**	2390.000	45.64	-4.87	54.0	8.36	AV	182.04	150	Horizontal	Pass
2	2389.100	59.73	-4.82	74.0	14.27	Peak	213.00	150	Horizontal	Pass
2**	2389.100	44.68	-4.82	54.0	9.32	AV	213.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



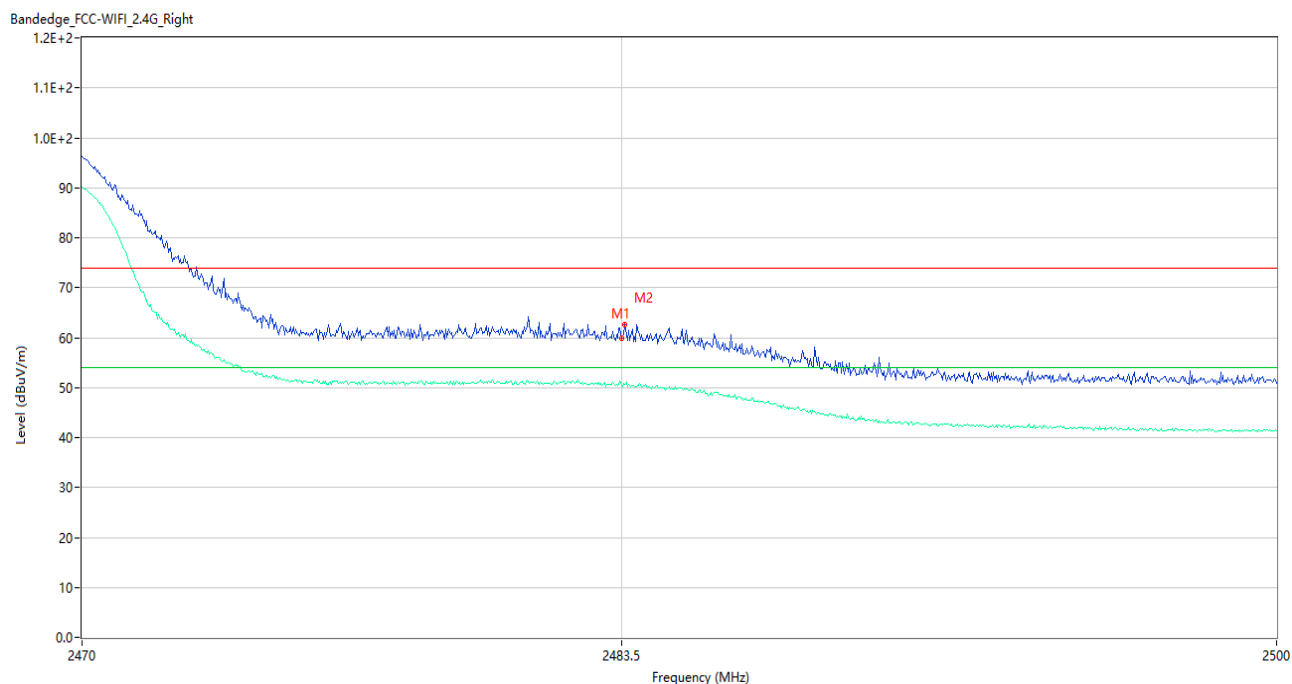
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.96	-3.78	74.0	11.04	Peak	194.00	150	Horizontal	Pass
1**	2483.500	50.67	-3.78	54.0	3.33	AV	194.00	150	Horizontal	Pass
2	2483.830	64.68	-3.78	74.0	9.32	Peak	194.00	150	Horizontal	Pass
2**	2483.830	50.26	-3.78	54.0	3.74	AV	194.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL



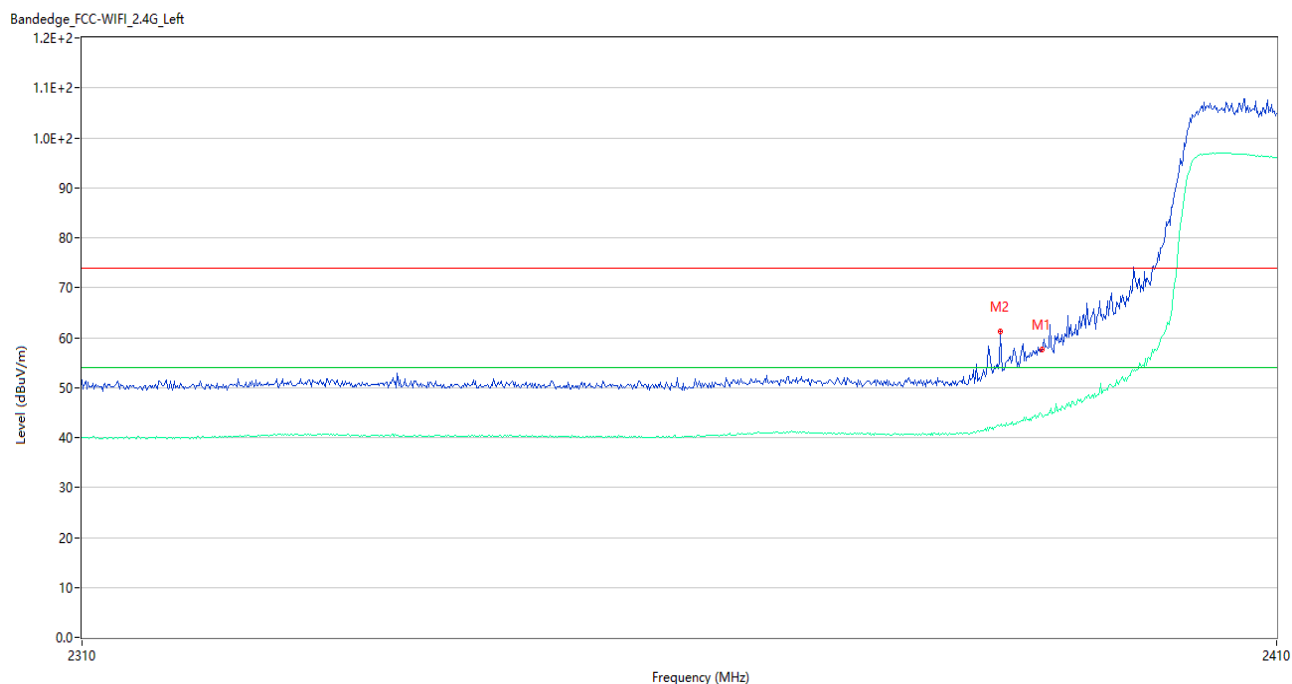
No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.07	-4.87	74.0	19.93	Peak	189.01	150	Horizontal	Pass
1**	2390.000	44.17	-4.87	54.0	9.83	AV	189.01	150	Horizontal	Pass
2	2385.400	59.47	-4.61	74.0	14.53	Peak	193.00	150	Horizontal	Pass
2**	2385.400	45.94	-4.61	54.0	8.06	AV	193.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



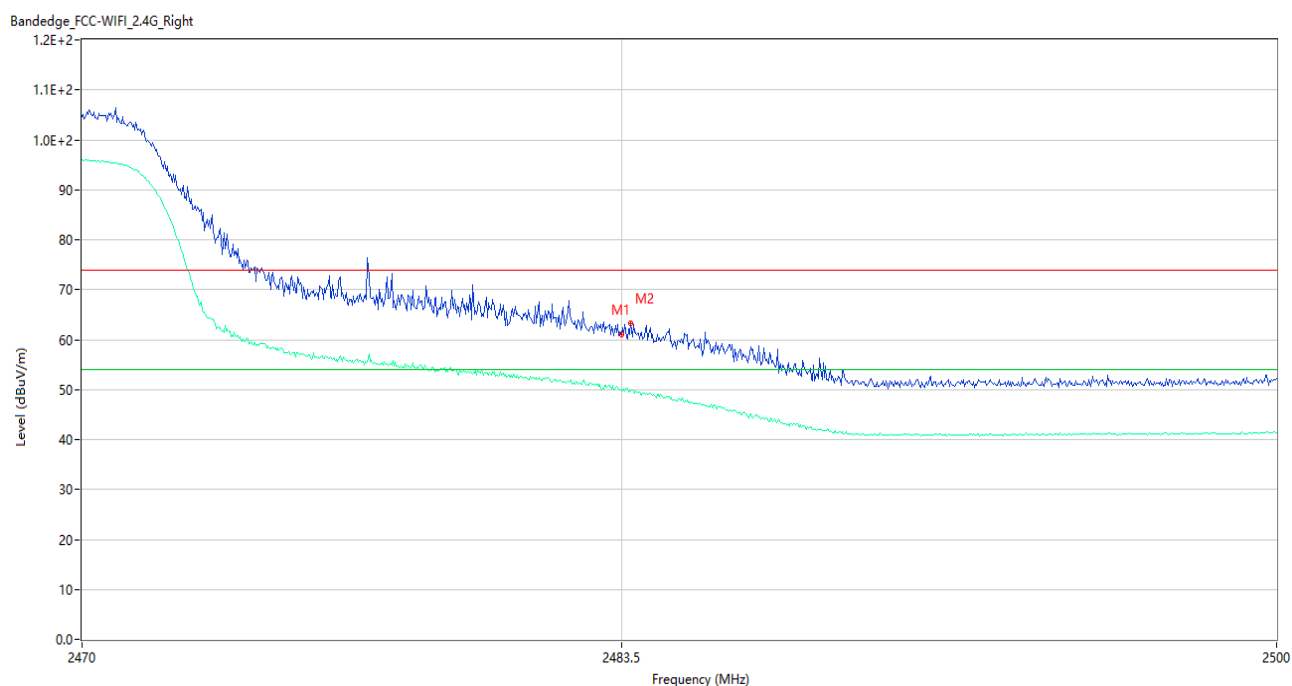
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.79	-3.78	74.0	14.21	Peak	236.00	150	Horizontal	Pass
1**	2483.500	50.55	-3.78	54.0	3.45	AV	236.00	150	Horizontal	Pass
2	2483.590	62.70	-3.78	74.0	11.30	Peak	193.00	150	Horizontal	Pass
2**	2483.590	50.65	-3.78	54.0	3.35	AV	193.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



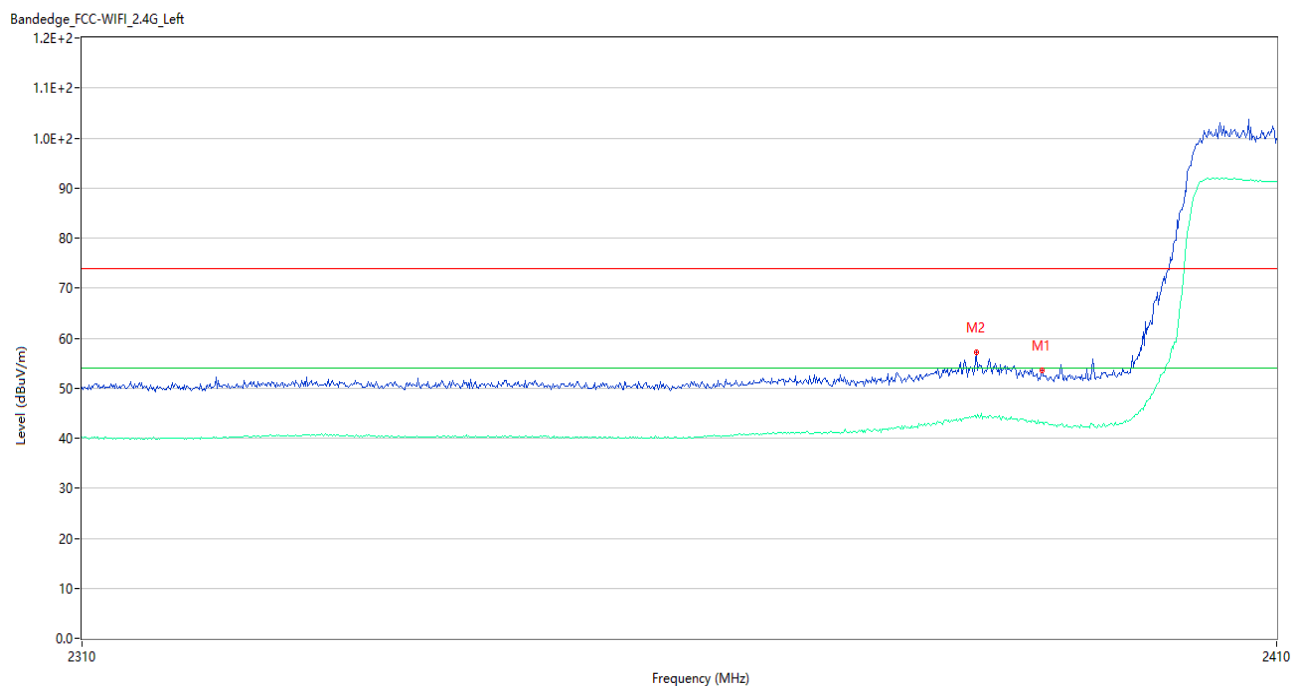
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	57.56	-4.87	74.0	16.44	Peak	191.00	150	Horizontal	Pass
1**	2390.000	44.59	-4.87	54.0	9.41	AV	191.00	150	Horizontal	Pass
2	2386.500	61.20	-4.67	74.0	12.80	Peak	213.00	150	Horizontal	Pass
2**	2386.500	42.59	-4.67	54.0	11.41	AV	213.00	150	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



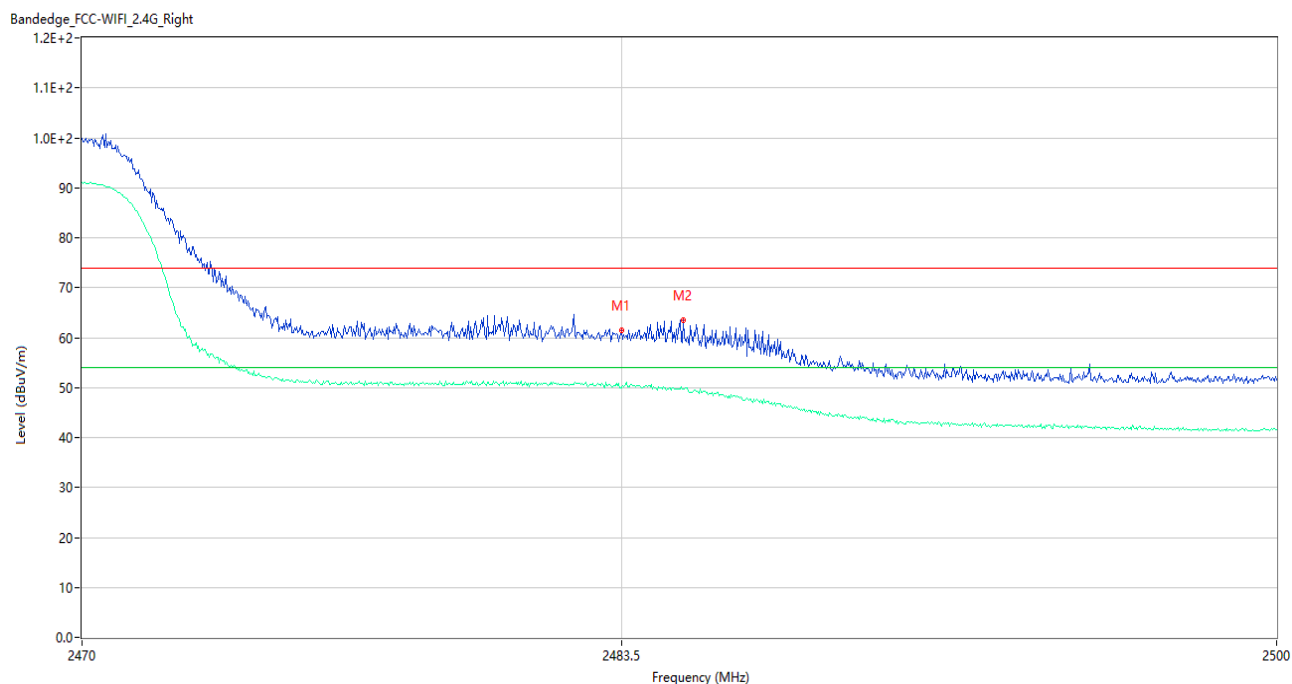
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.05	-3.78	74.0	12.95	Peak	210.00	150	Horizontal	Pass
1**	2483.500	49.97	-3.78	54.0	4.03	AV	210.00	150	Horizontal	Pass
2	2483.740	63.20	-3.78	74.0	10.80	Peak	196.00	150	Horizontal	Pass
2**	2483.740	49.70	-3.78	54.0	4.30	AV	196.00	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	2390.000	53.51	-4.87	74.0	20.49	Peak	193.99	150	Horizontal	Pass
1**	2390.000	43.07	-4.87	54.0	10.93	AV	193.99	150	Horizontal	Pass
2	2384.500	57.13	-4.56	74.0	16.87	Peak	194.00	150	Horizontal	Pass
2**	2384.500	44.02	-4.56	54.0	9.98	AV	194.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	61.54	-3.78	74.0	12.46	Peak	193.00	150	Horizontal	Pass
1**	2483.500	49.88	-3.78	54.0	4.12	AV	193.00	150	Horizontal	Pass
2	2485.060	63.58	-3.78	74.0	10.42	Peak	193.00	150	Horizontal	Pass
2**	2485.060	49.62	-3.78	54.0	4.38	AV	193.00	150	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

Main Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.39	8
Middle	-7.69	8
High	-8.39	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.22	8
Middle	-11.38	8
High	-10.86	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.24	8
Middle	-11.40	8
High	-11.75	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.11	8
Middle	-16.20	8
High	-16.19	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.77	8
Middle	-13.65	8
High	-12.15	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.04	8
Middle	-16.10	8
High	-16.41	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-1.07	8
Middle	-2.17	8
High	-1.11	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-4.44	8
Middle	-5.03	8
High	-2.39	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.86	8
Middle	-7.63	8
High	-7.72	8

802.11ax-20 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.25	8
Middle	-9.98	8
High	-10.17	8

802.11ax-40 MHz(RU484) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.33	8
Middle	-12.88	8
High	-10.38	8

Aux. Antenna

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.06	8
Middle	-8.43	8
High	-9.37	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.83	8
Middle	-12.05	8
High	-12.53	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.62	8
Middle	-12.40	8
High	-12.08	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.00	8
Middle	-16.55	8
High	-15.71	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.04	8
Middle	-11.85	8
High	-13.69	8