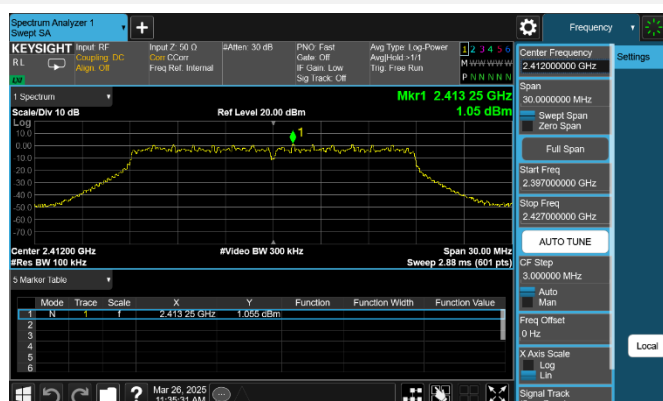
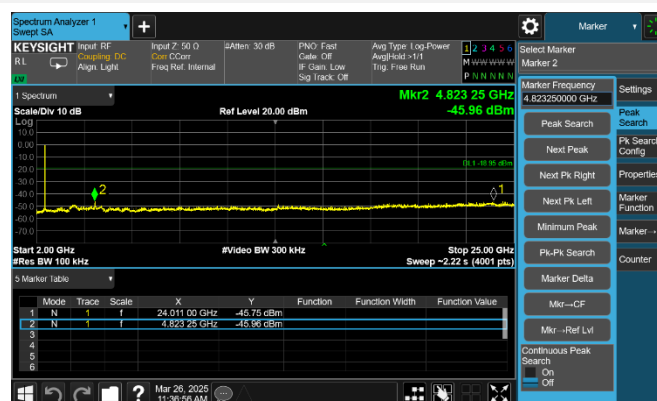
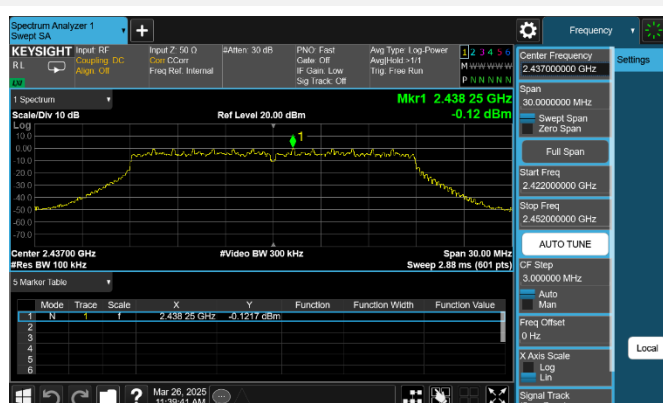


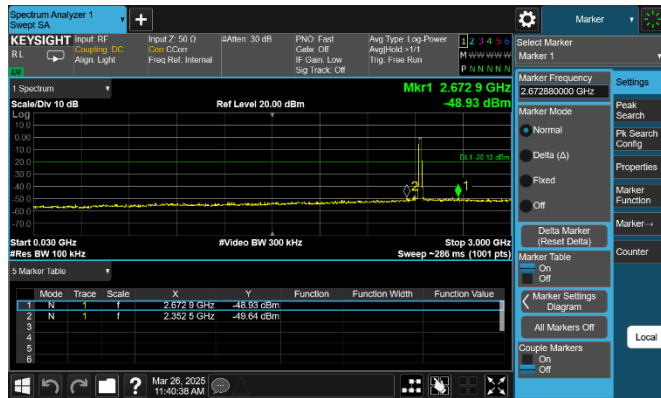
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

802.11n-20 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

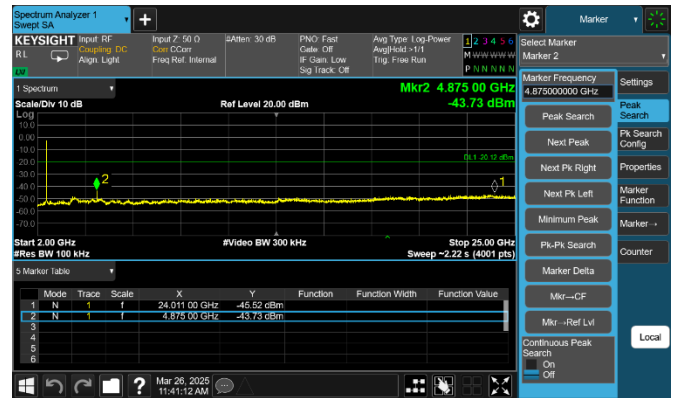
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



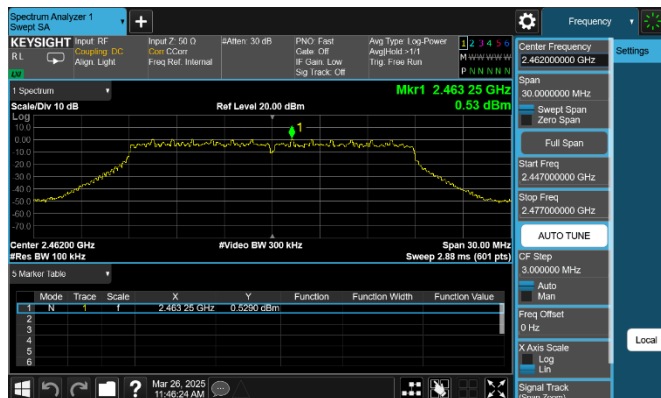
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



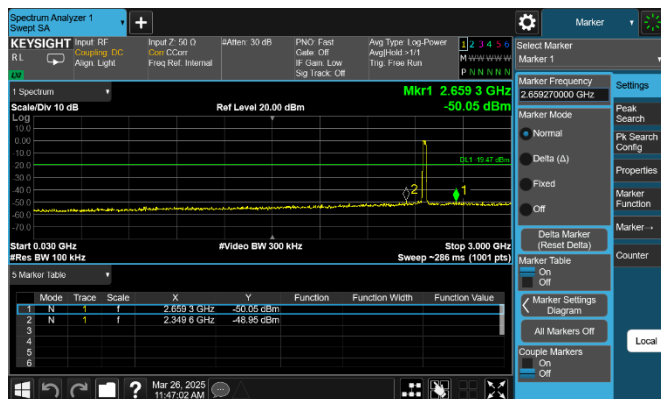
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



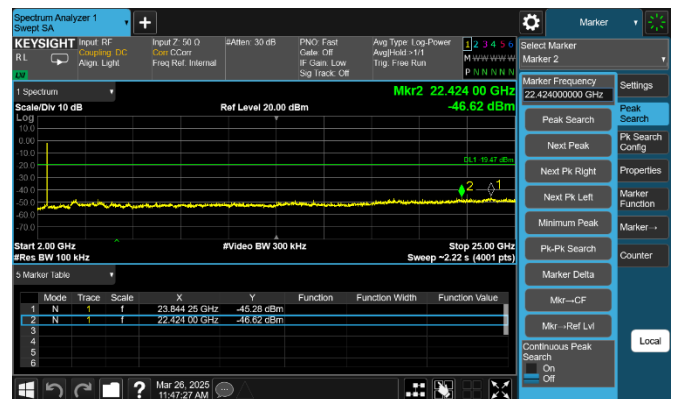
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



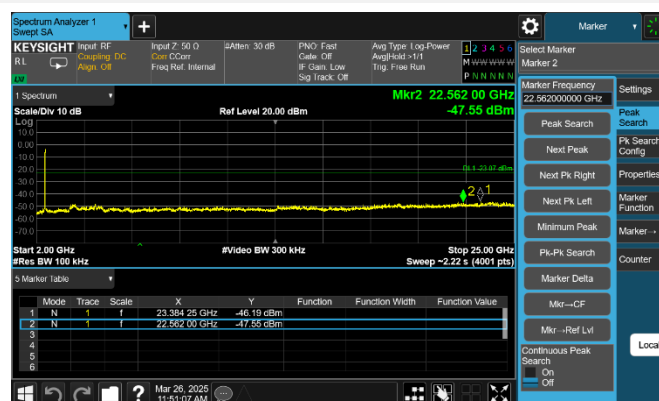
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



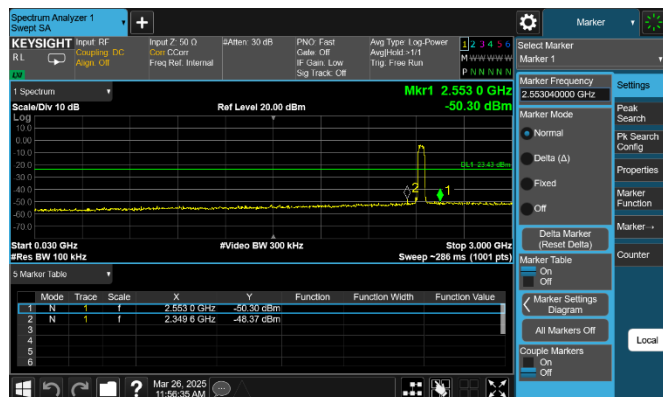
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

802.11n-40 MHz LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

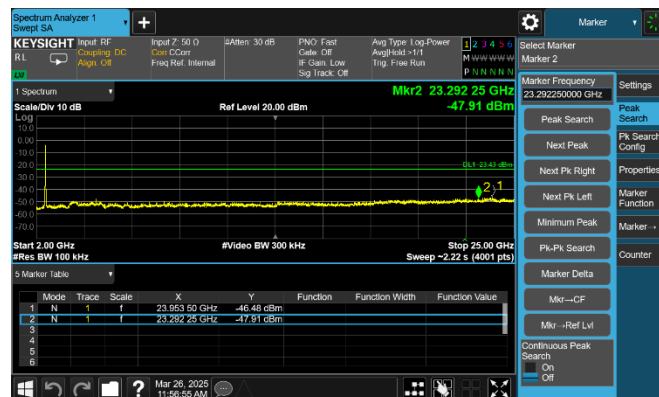
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



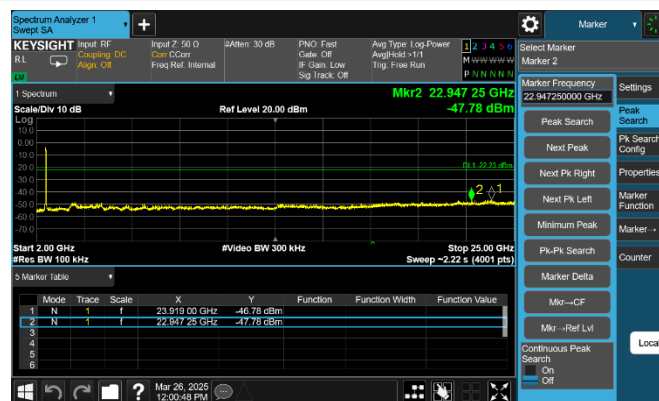
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: All antenna were tested, but only the worst case has been reported in this report.

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

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-40.38	8.46	-11.54	Pass
High	-50.20	7.60	-12.40	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-39.49	1.58	-18.42	Pass
High	-49.99	1.52	-18.48	Pass

802.11n-20 MHz Mode:

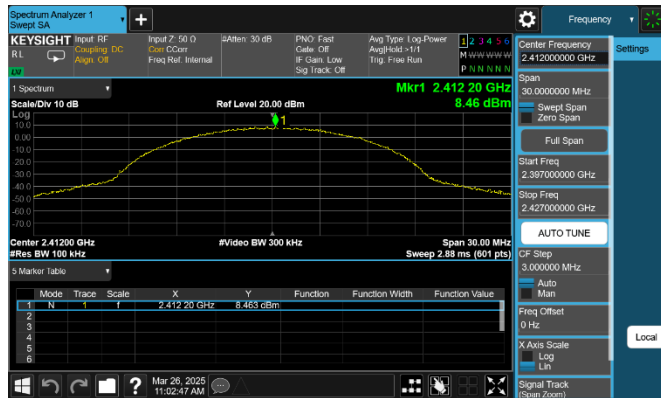
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-38.33	1.05	-18.95	Pass
High	-51.61	0.53	-19.47	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.40	-3.07	-23.07	Pass
High	-48.60	-2.23	-22.23	Pass

Test Plots

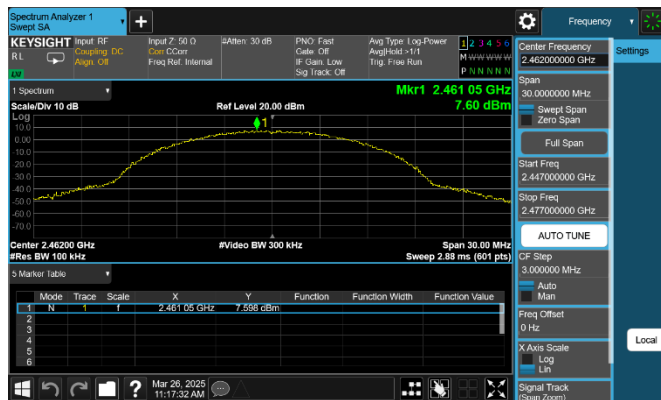
802.11b LOW CHANNEL, CARRIER LEVEL



802.11b LOW CHANNEL, BAND EDGE



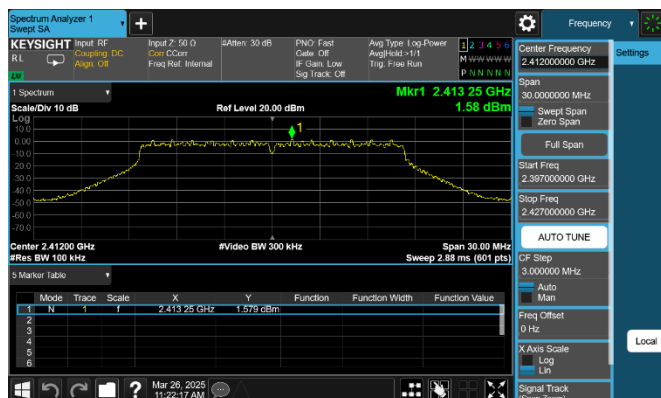
802.11b HIGH CHANNEL, CARRIER LEVEL



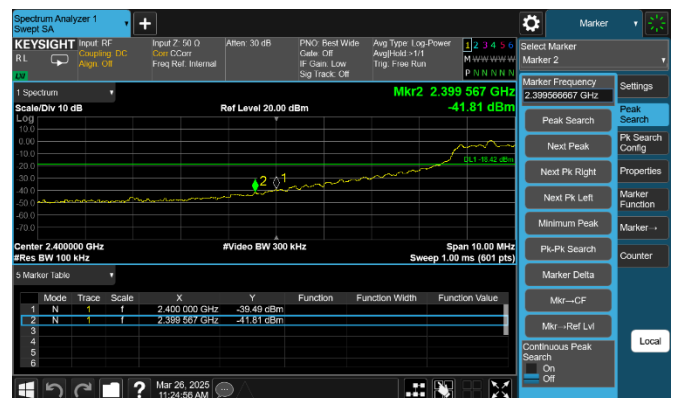
802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



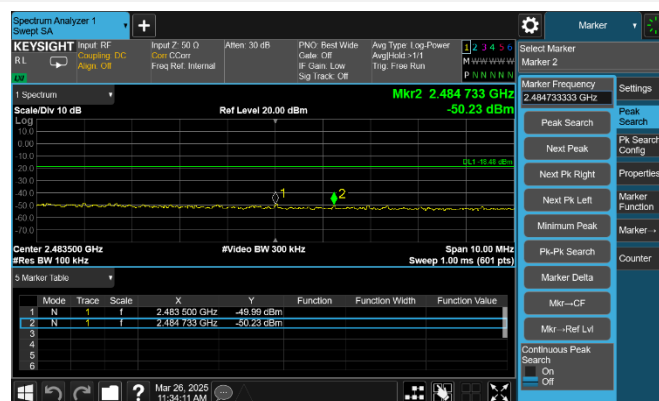
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



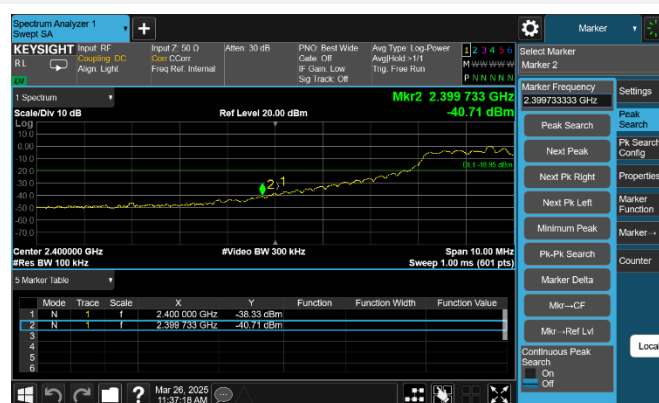
802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



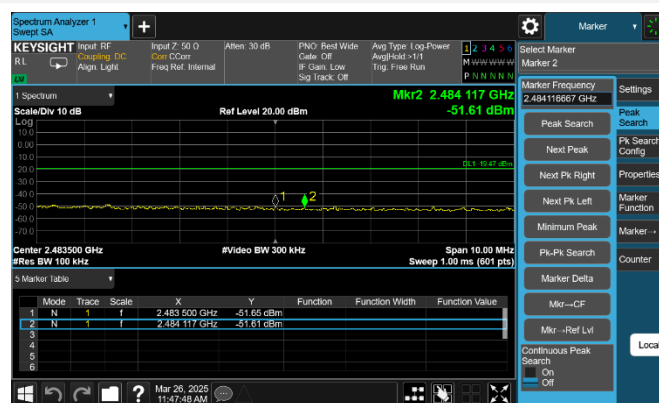
802.11n-20 MHz LOW CHANNEL, BAND EDGE



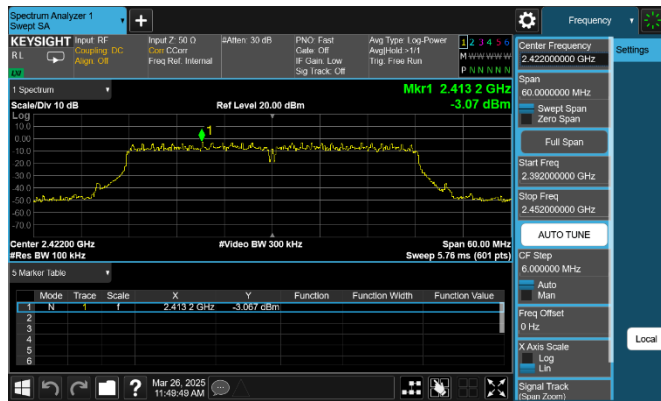
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



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



A.5 Conducted Emission

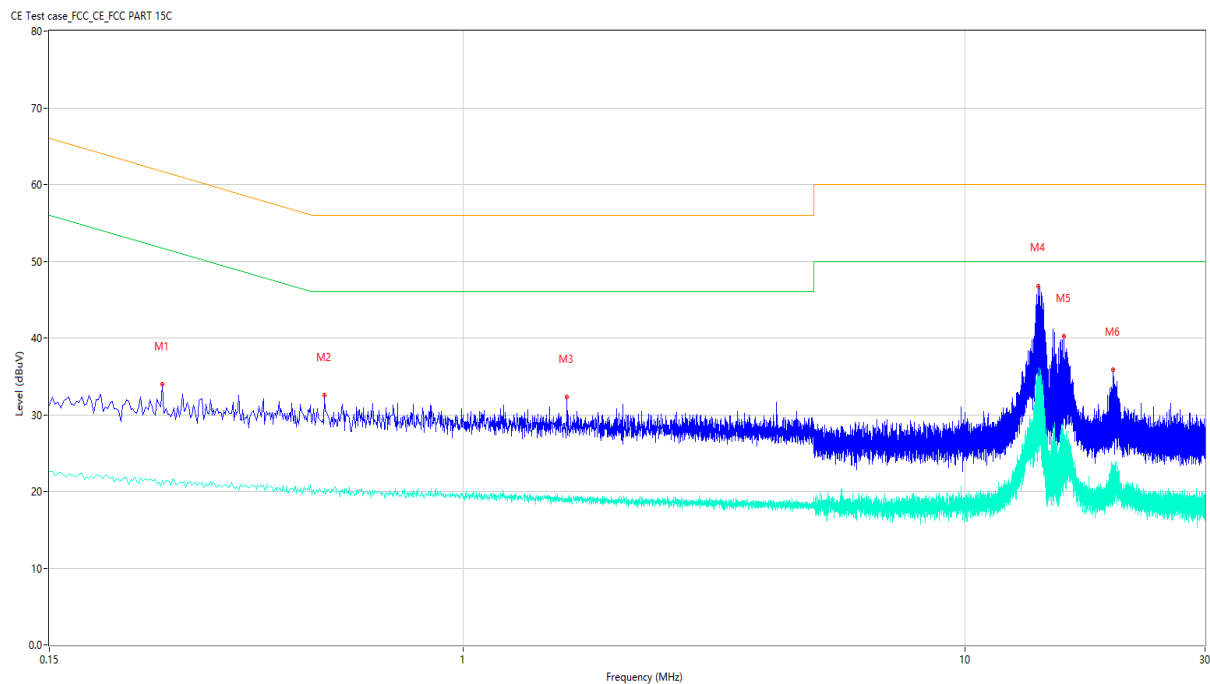
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

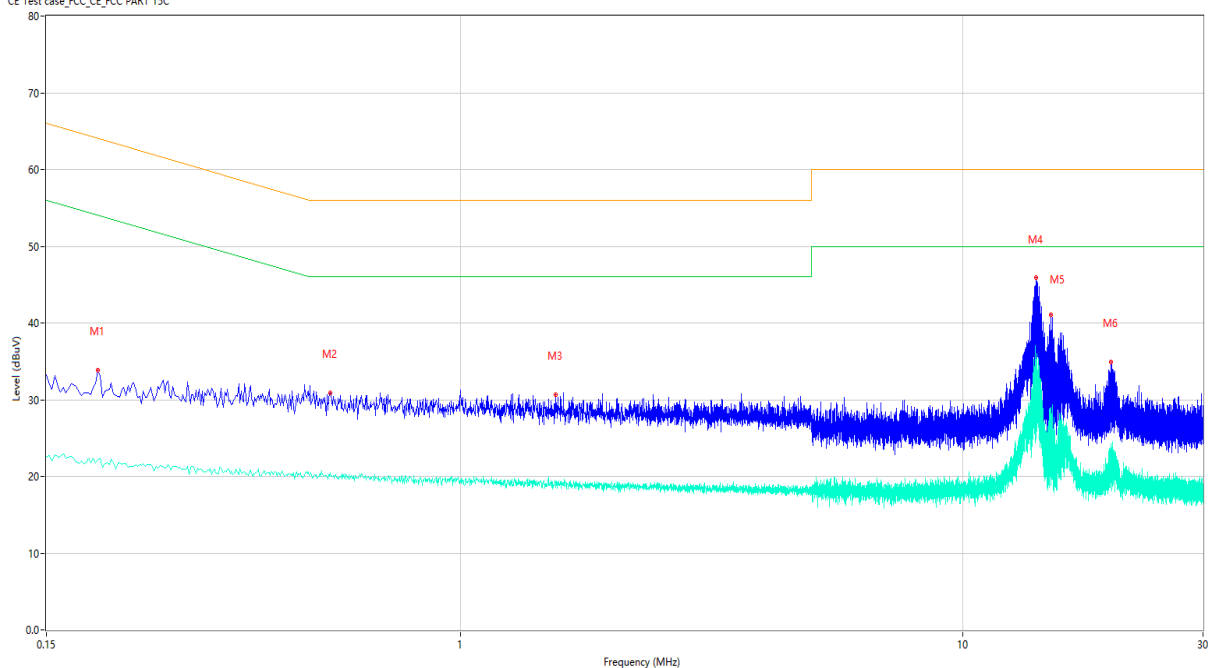
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.252	33.92	9.77	61.69	27.77	Peak	L	Pass
1**	0.252	21.41	9.77	51.69	30.28	AV	L	Pass
2	0.530	32.53	9.76	56.00	23.47	Peak	L	Pass
2**	0.530	20.39	9.76	46.00	25.61	AV	L	Pass
3	1.610	32.26	9.70	56.00	23.74	Peak	L	Pass
3**	1.610	18.75	9.70	46.00	27.25	AV	L	Pass
4	13.952	46.78	8.97	60.00	13.22	Peak	L	Pass
4**	13.952	35.03	8.97	50.00	14.97	AV	L	Pass
5	15.712	40.21	8.92	60.00	19.79	Peak	L	Pass
5**	15.712	27.59	8.92	50.00	22.41	AV	L	Pass
6	19.714	35.80	8.93	60.00	24.20	Peak	L	Pass
6**	19.714	23.50	8.93	50.00	26.50	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.190	33.88	9.79	64.04	30.16	Peak	N	Pass
1**	0.190	22.15	9.79	54.04	31.89	AV	N	Pass
2	0.550	30.94	9.76	56.00	25.06	Peak	N	Pass
2**	0.550	20.45	9.76	46.00	25.55	AV	N	Pass
3	1.548	30.71	9.71	56.00	25.29	Peak	N	Pass
3**	1.548	18.53	9.71	46.00	27.47	AV	N	Pass
4	13.952	45.92	8.97	60.00	14.08	Peak	N	Pass
4**	13.952	35.22	8.97	50.00	14.78	AV	N	Pass
5	14.948	41.06	8.93	60.00	18.94	Peak	N	Pass
5**	14.948	27.50	8.93	50.00	22.50	AV	N	Pass
6	19.662	34.92	8.93	60.00	25.08	Peak	N	Pass
6**	19.662	22.17	8.93	50.00	27.83	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 C63.10-2013, 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.

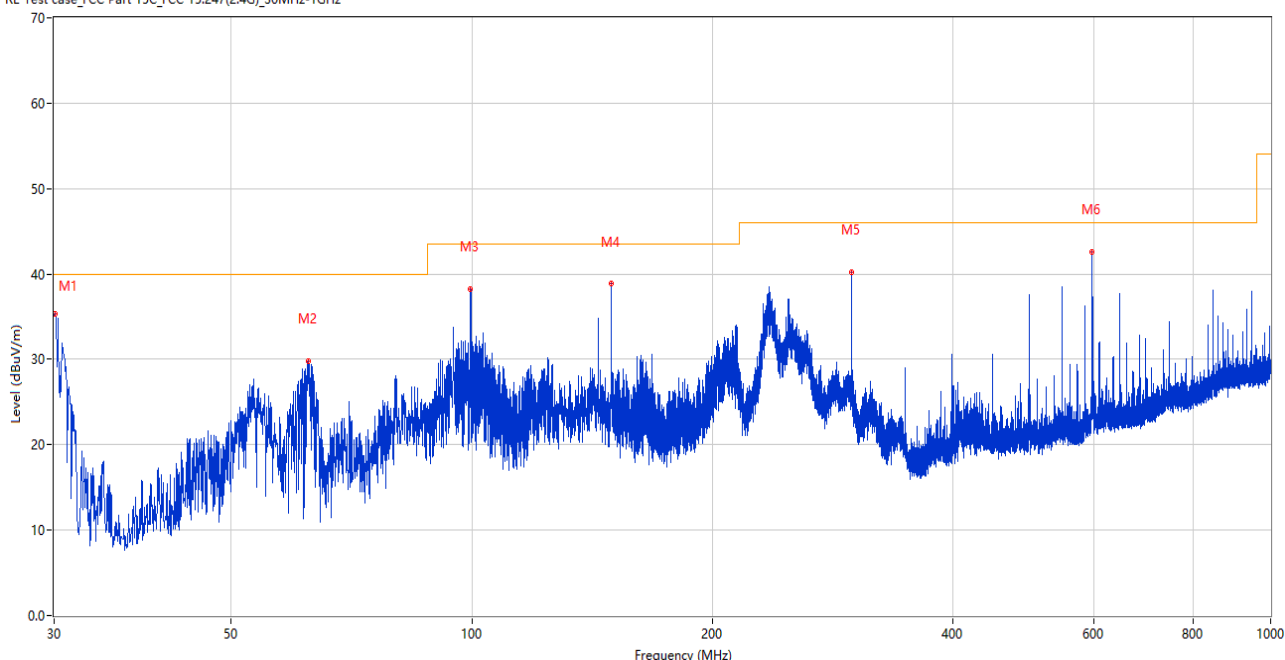
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

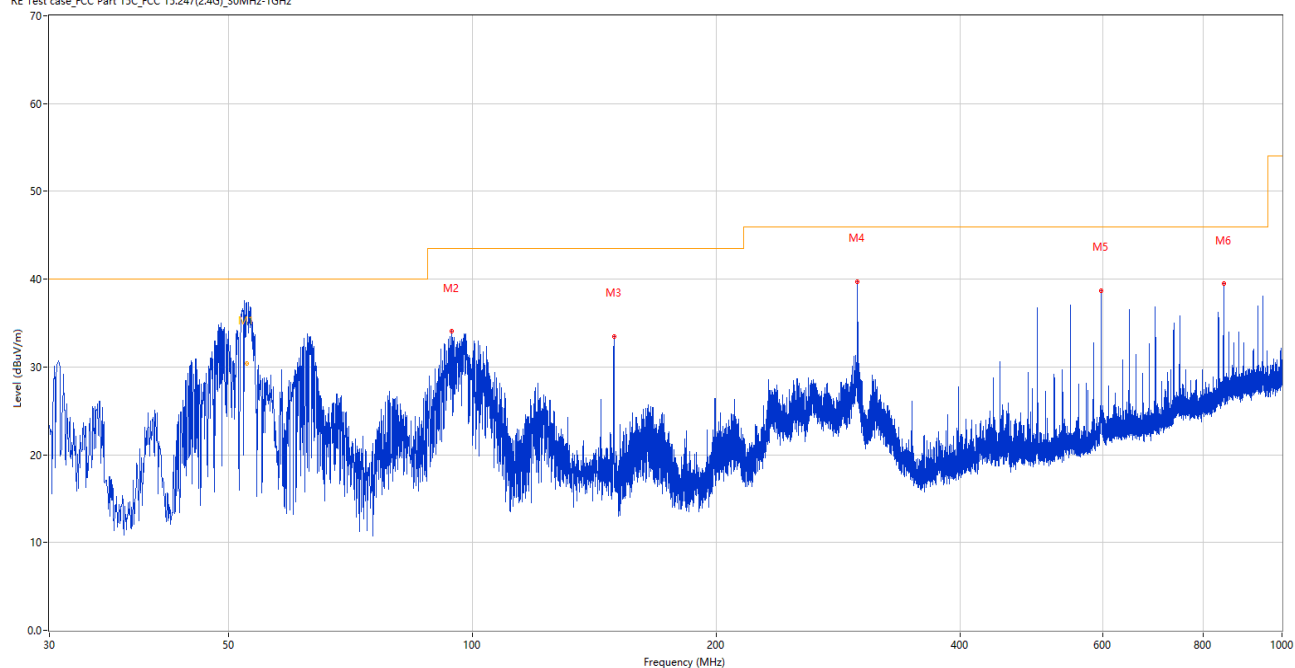
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.097	35.26	-28.90	40.0	4.74	Peak	130.00	100	Horizontal	Pass
2	62.447	29.85	-26.63	40.0	10.15	Peak	205.00	200	Horizontal	Pass
3	99.646	38.29	-26.12	43.5	5.21	Peak	119.00	200	Horizontal	Pass
4	149.504	38.82	-29.60	43.5	4.68	Peak	71.00	200	Horizontal	Pass
5	298.932	40.21	-23.22	46.0	5.79	Peak	194.00	100	Horizontal	Pass
6	597.886	42.60	-14.96	46.0	3.40	Peak	118.00	100	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	52.603	35.71	-24.71	40.0	4.29	Peak	313.00	104	Vertical	Pass
2	94.262	34.11	-26.94	43.5	9.39	Peak	342.00	100	Vertical	Pass
3	149.504	33.47	-29.60	43.5	10.03	Peak	119.00	100	Vertical	Pass
4	298.981	39.70	-23.21	46.0	6.30	Peak	58.00	100	Vertical	Pass
5	597.886	38.64	-14.96	46.0	7.36	Peak	5.00	100	Vertical	Pass
6	847.128	39.46	-10.51	46.0	6.54	Peak	131.00	100	Vertical	Pass

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

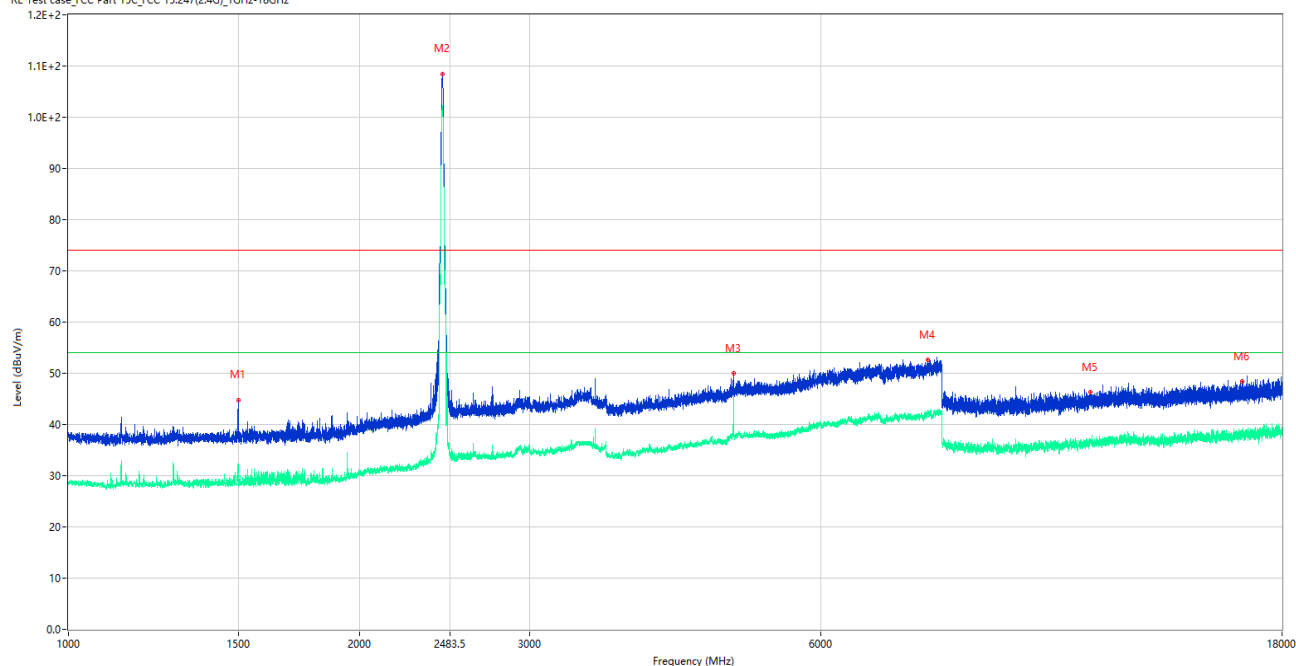
Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All antenna were pre tested, but only the worst case has been reported in this report.

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

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

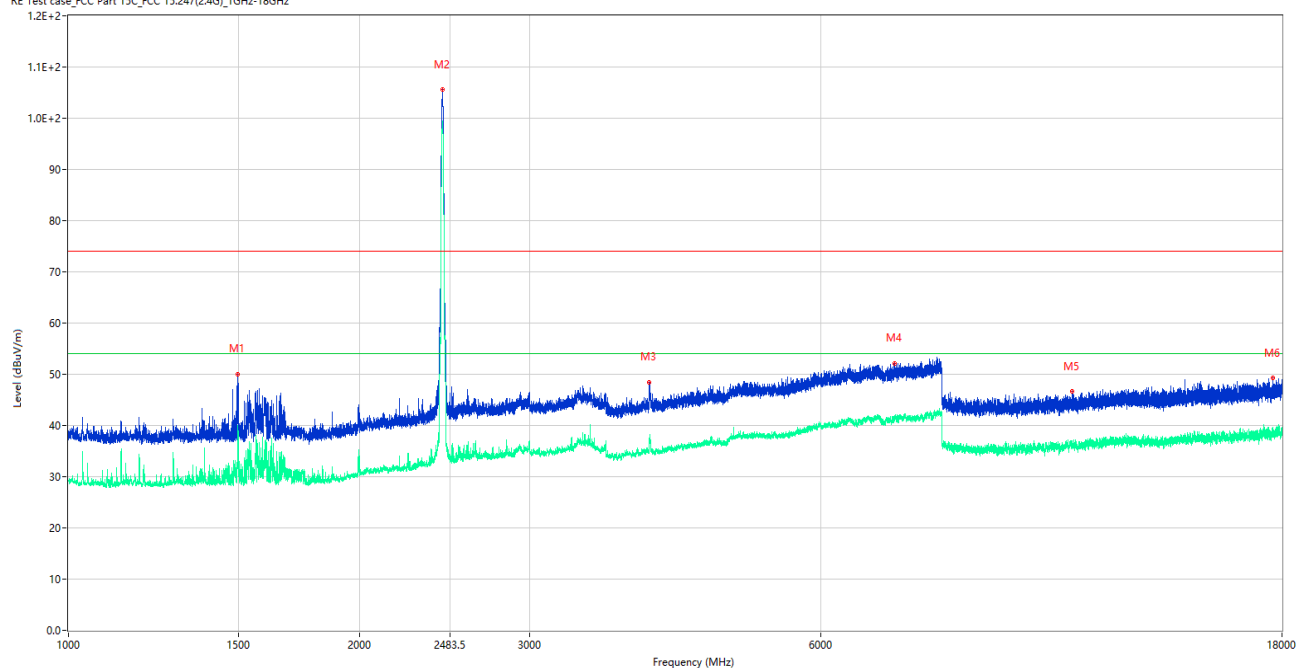
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	44.65	-16.14	74.0	29.35	Peak	60.00	150	Horizontal	Pass
1**	1500.000	28.69	-16.14	54.0	25.31	AV	60.00	150	Horizontal	Pass
2	2436.250	108.45	-12.35	74.0	-34.45	Peak	360.00	150	Horizontal	N/A
2**	2436.250	102.14	-12.35	54.0	-48.14	AV	360.00	150	Horizontal	N/A
3	4873.500	49.95	-2.23	74.0	24.05	Peak	225.00	150	Horizontal	Pass
3**	4873.500	40.36	-2.23	54.0	13.64	AV	225.00	150	Horizontal	Pass
4	7736.000	52.69	1.21	74.0	21.31	Peak	235.00	150	Horizontal	Pass
4**	7736.000	42.35	1.21	54.0	11.65	AV	235.00	150	Horizontal	Pass
5	11405.500	46.30	-3.43	74.0	27.70	Peak	360.00	150	Horizontal	Pass
5**	11405.500	36.28	-3.43	54.0	17.72	AV	360.00	150	Horizontal	Pass
6	16387.000	48.39	-1.37	74.0	25.61	Peak	360.00	150	Horizontal	Pass
6**	16387.000	37.48	-1.37	54.0	16.52	AV	360.00	150	Horizontal	Pass

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

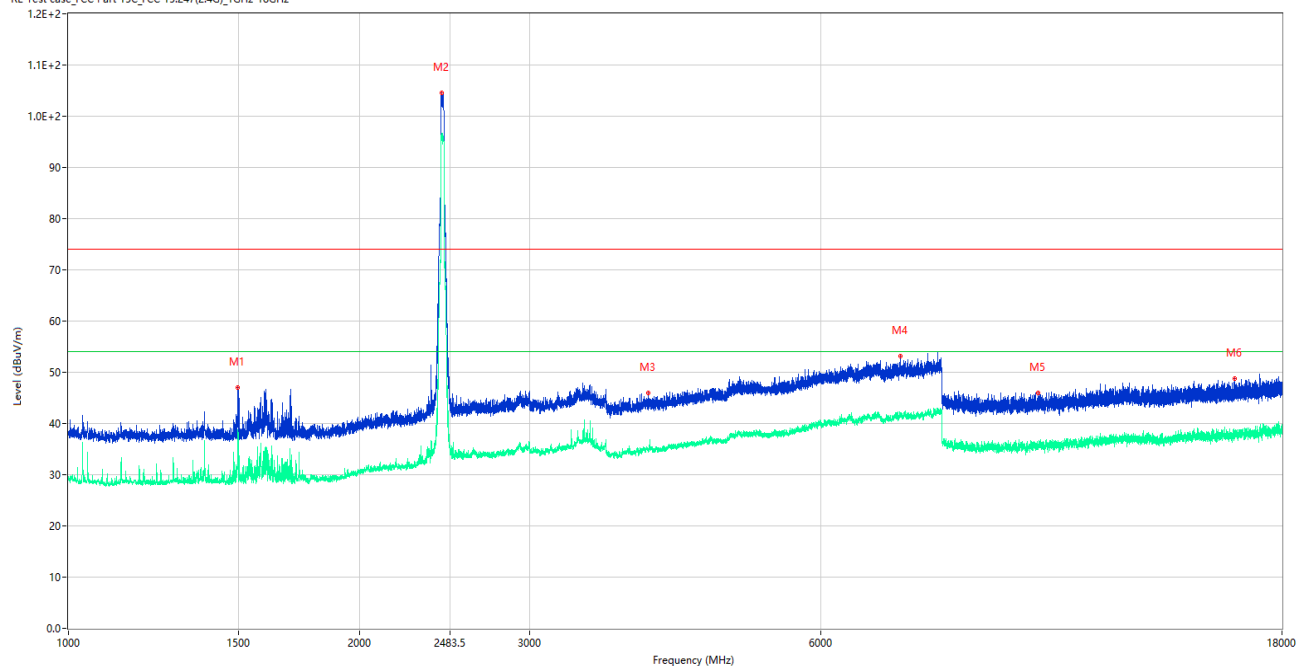
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.500	50.09	-16.14	74.0	23.91	Peak	108.00	150	Vertical	Pass
1**	1497.500	34.19	-16.14	54.0	19.81	AV	108.00	150	Vertical	Pass
2	2437.250	105.54	-12.37	74.0	-31.54	Peak	157.00	150	Vertical	N/A
2**	2437.250	98.83	-12.37	54.0	-44.83	AV	157.00	150	Vertical	N/A
3	3989.000	48.43	-4.83	74.0	25.57	Peak	92.00	150	Vertical	Pass
3**	3989.000	37.53	-4.83	54.0	16.47	AV	92.00	150	Vertical	Pass
4	7152.000	52.19	0.16	74.0	21.81	Peak	72.00	150	Vertical	Pass
4**	7152.000	41.63	0.16	54.0	12.37	AV	72.00	150	Vertical	Pass
5	10929.500	46.61	-3.34	74.0	27.39	Peak	40.00	150	Vertical	Pass
5**	10929.500	37.04	-3.34	54.0	16.96	AV	40.00	150	Vertical	Pass
6	17609.501	49.26	0.26	74.0	24.74	Peak	351.00	150	Vertical	Pass
6**	17609.501	38.30	0.26	54.0	15.70	AV	351.00	150	Vertical	Pass

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

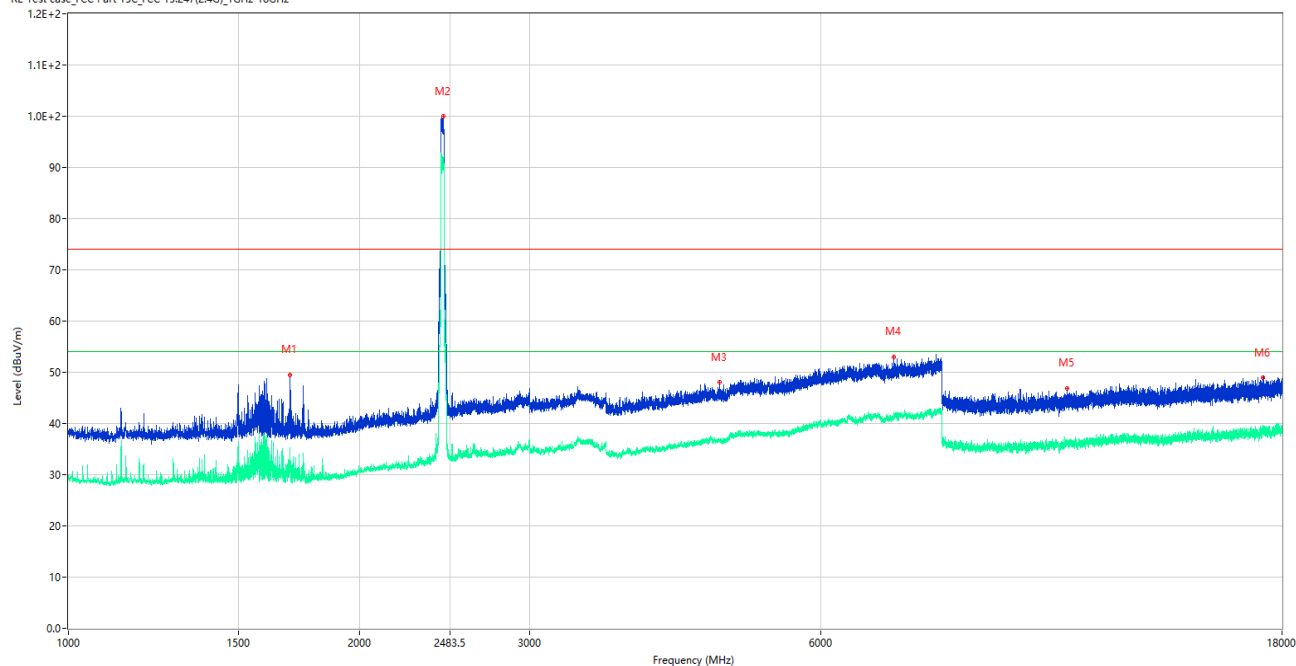
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.250	47.03	-16.15	74.0	26.97	Peak	130.00	150	Horizontal	Pass
1**	1497.250	32.41	-16.15	54.0	21.59	AV	130.00	150	Horizontal	Pass
2	2430.500	104.61	-12.27	74.0	-30.61	Peak	157.00	150	Horizontal	N/A
2**	2430.500	96.09	-12.27	54.0	-42.09	AV	157.00	150	Horizontal	N/A
3	3980.500	45.91	-4.58	74.0	28.09	Peak	360.00	150	Horizontal	Pass
3**	3980.500	34.62	-4.58	54.0	19.38	AV	360.00	150	Horizontal	Pass
4	7257.500	53.19	0.69	74.0	20.81	Peak	360.00	150	Horizontal	Pass
4**	7257.500	41.60	0.69	54.0	12.40	AV	360.00	150	Horizontal	Pass
5	15079.500	45.92	-3.80	74.0	28.08	Peak	11.00	150	Horizontal	Pass
5**	15079.500	35.84	-3.80	54.0	18.16	AV	11.00	150	Horizontal	Pass
6	16067.500	48.81	-1.30	74.0	25.19	Peak	153.00	150	Horizontal	Pass
6**	16067.500	38.35	-1.30	54.0	15.65	AV	153.00	150	Horizontal	Pass

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

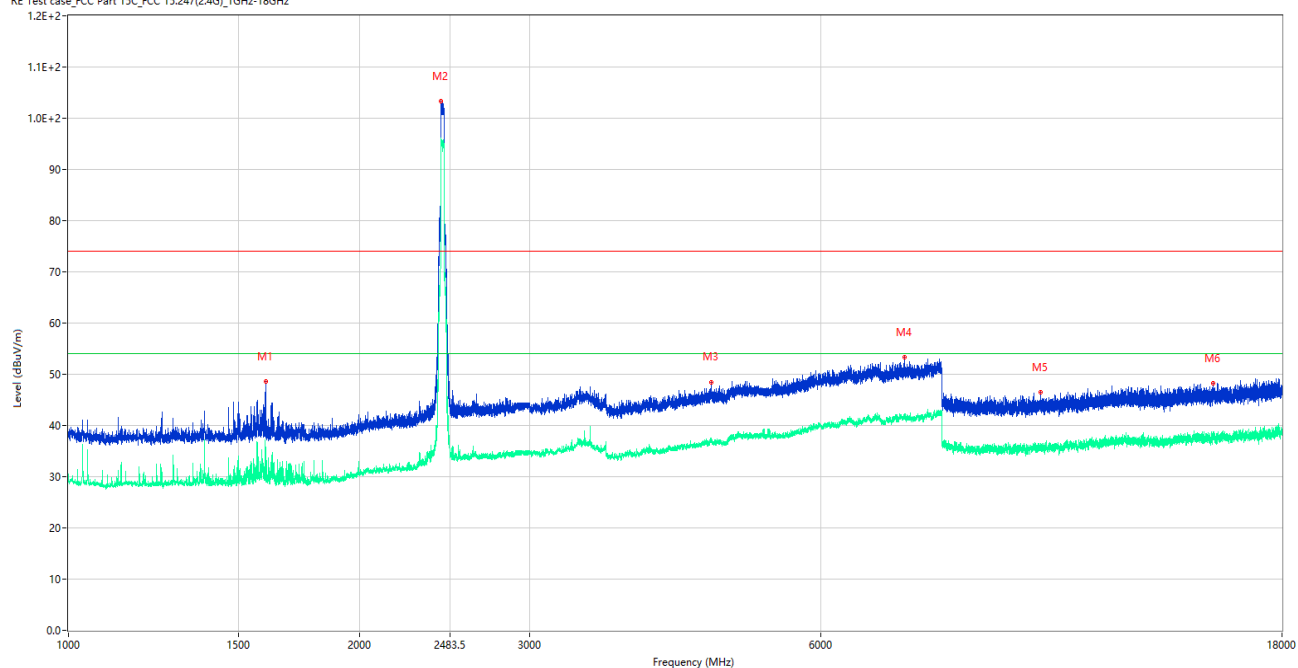
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1695.250	49.48	-16.52	74.0	24.52	Peak	132.00	150	Vertical	Pass
1**	1695.250	31.50	-16.52	54.0	22.50	AV	132.00	150	Vertical	Pass
2	2441.000	99.93	-12.39	74.0	-25.93	Peak	174.00	150	Vertical	N/A
2**	2441.000	90.39	-12.39	54.0	-36.39	AV	174.00	150	Vertical	N/A
3	4717.500	47.99	-3.42	74.0	26.01	Peak	314.00	150	Vertical	Pass
3**	4717.500	36.83	-3.42	54.0	17.17	AV	314.00	150	Vertical	Pass
4	7143.500	52.90	-0.10	74.0	21.10	Peak	0.00	150	Vertical	Pass
4**	7143.500	41.21	-0.10	54.0	12.79	AV	0.00	150	Vertical	Pass
5	10793.500	46.91	-3.16	74.0	27.09	Peak	234.00	150	Vertical	Pass
5**	10793.500	36.03	-3.16	54.0	17.97	AV	234.00	150	Vertical	Pass
6	17186.001	48.86	0.15	74.0	25.14	Peak	205.00	150	Vertical	Pass
6**	17186.001	38.83	0.15	54.0	15.17	AV	205.00	150	Vertical	Pass

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

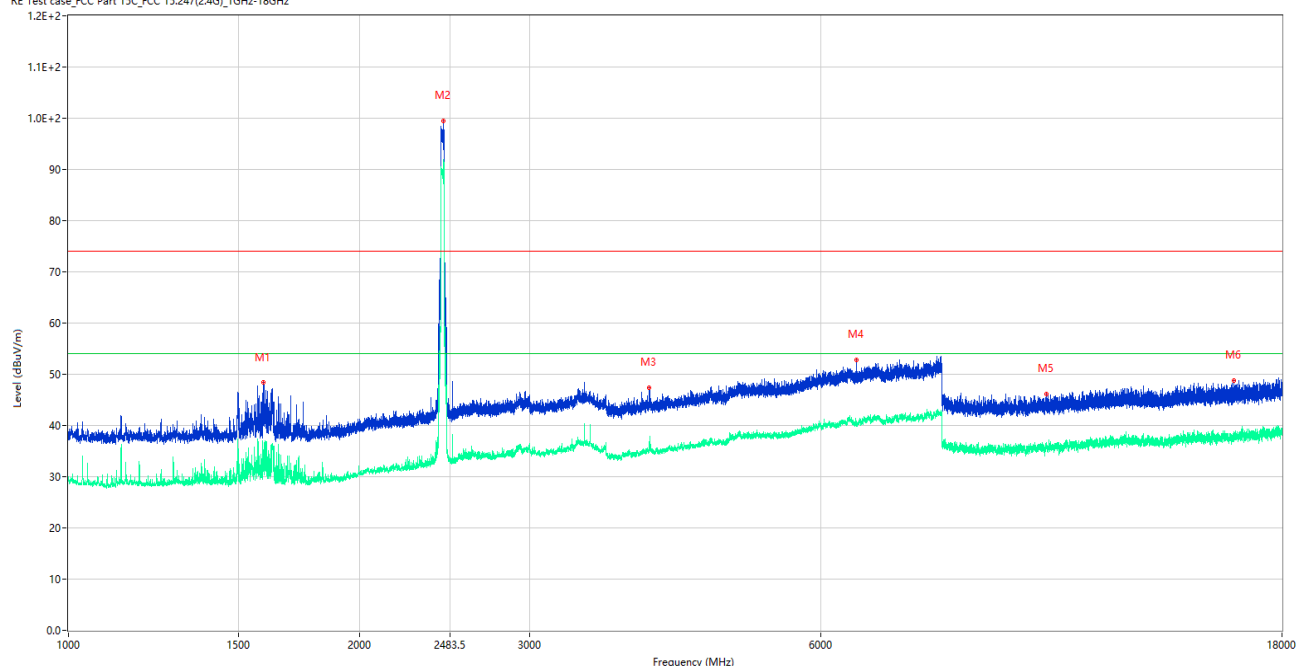
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.750	48.60	-16.24	74.0	25.40	Peak	140.00	150	Horizontal	Pass
1**	1599.750	32.20	-16.24	54.0	21.80	AV	140.00	150	Horizontal	Pass
2	2429.500	103.26	-12.24	74.0	-29.26	Peak	159.00	150	Horizontal	N/A
2**	2429.500	95.90	-12.24	54.0	-41.90	AV	159.00	150	Horizontal	N/A
3	4625.000	48.45	-2.64	74.0	25.55	Peak	249.00	150	Horizontal	Pass
3**	4625.000	37.06	-2.64	54.0	16.94	AV	249.00	150	Horizontal	Pass
4	7331.500	53.28	0.95	74.0	20.72	Peak	221.00	150	Horizontal	Pass
4**	7331.500	42.02	0.95	54.0	11.98	AV	221.00	150	Horizontal	Pass
5	10133.500	46.49	-3.93	74.0	27.51	Peak	321.00	150	Horizontal	Pass
5**	10133.500	35.94	-3.93	54.0	18.06	AV	321.00	150	Horizontal	Pass
6	15267.000	48.21	-1.02	74.0	25.79	Peak	321.00	150	Horizontal	Pass
6**	15267.000	38.42	-1.02	54.0	15.58	AV	321.00	150	Horizontal	Pass

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

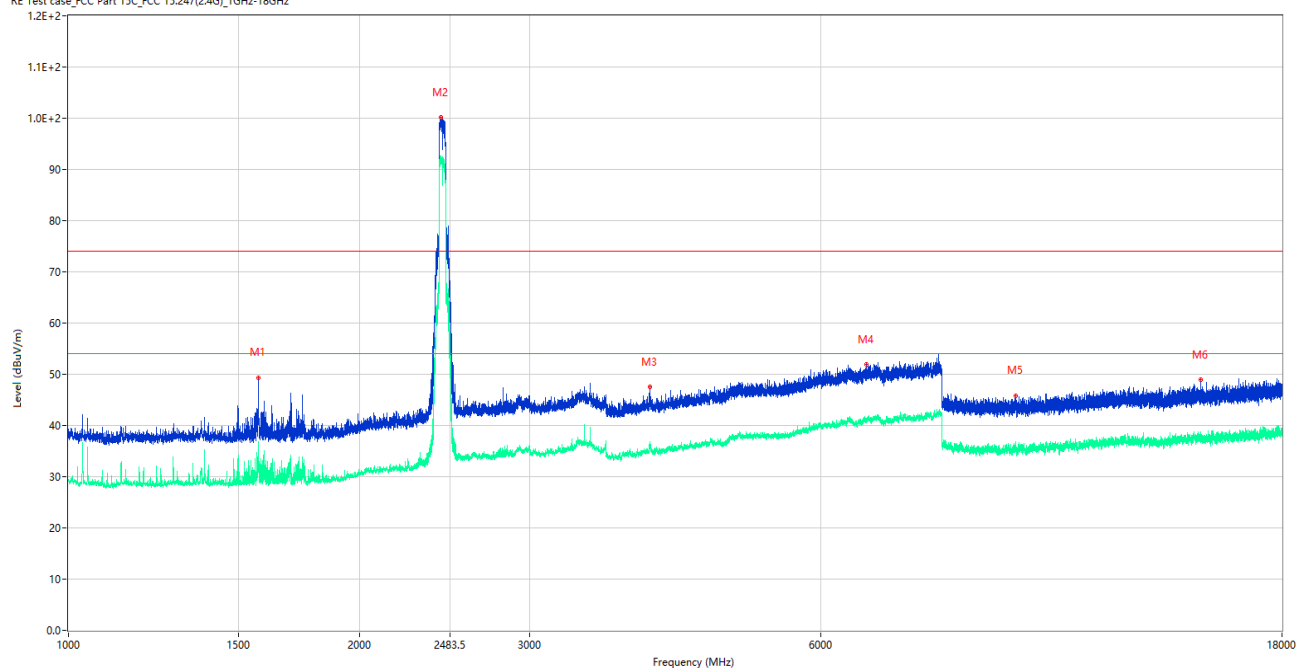
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.250	48.40	-16.21	74.0	25.60	Peak	124.00	150	Vertical	Pass
1**	1592.250	33.28	-16.21	54.0	20.72	AV	124.00	150	Vertical	Pass
2	2441.500	99.48	-12.41	74.0	-25.48	Peak	178.00	150	Vertical	N/A
2**	2441.500	91.86	-12.41	54.0	-37.86	AV	178.00	150	Vertical	N/A
3	3987.500	47.38	-4.78	74.0	26.62	Peak	292.00	150	Vertical	Pass
3**	3987.500	35.14	-4.78	54.0	18.86	AV	292.00	150	Vertical	Pass
4	6529.000	52.83	-0.13	74.0	21.17	Peak	163.00	150	Vertical	Pass
4**	6529.000	40.44	-0.13	54.0	13.56	AV	163.00	150	Vertical	Pass
5	10272.500	46.16	-3.01	74.0	27.84	Peak	298.00	150	Vertical	Pass
5**	10272.500	35.90	-3.01	54.0	18.10	AV	298.00	150	Vertical	Pass
6	16060.500	48.80	-1.40	74.0	25.20	Peak	210.00	150	Vertical	Pass
6**	16060.500	38.14	-1.40	54.0	15.86	AV	210.00	150	Vertical	Pass

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

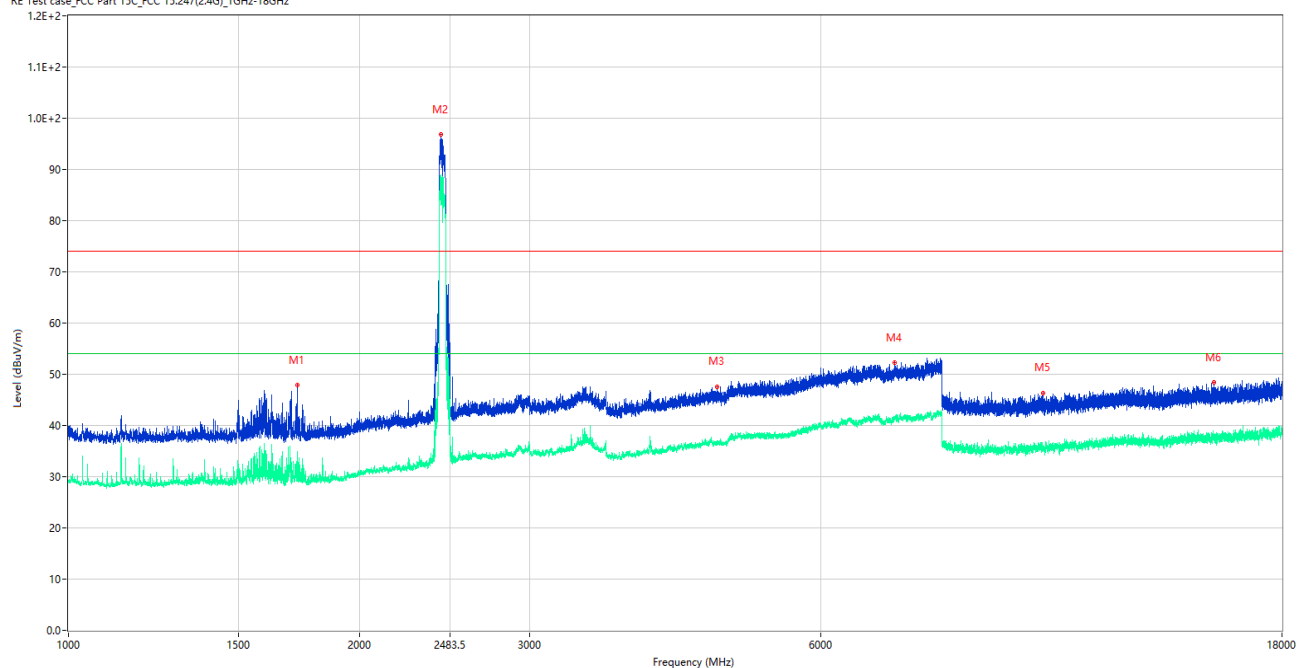
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.750	49.26	-16.04	74.0	24.74	Peak	114.00	150	Horizontal	Pass
1**	1571.750	34.83	-16.04	54.0	19.17	AV	114.00	150	Horizontal	Pass
2	2426.500	150.13	-12.29	74.0	-26.13	Peak	142.00	150	Horizontal	N/A
2**	2426.500	91.60	-12.29	54.0	-37.60	AV	142.00	150	Horizontal	N/A
3	3997.000	47.51	-4.80	74.0	26.49	Peak	316.00	150	Horizontal	Pass
3**	3997.000	35.84	-4.80	54.0	18.16	AV	316.00	150	Horizontal	Pass
4	6694.500	51.90	0.09	74.0	22.10	Peak	0.00	150	Horizontal	Pass
4**	6694.500	41.04	0.09	54.0	12.96	AV	0.00	150	Horizontal	Pass
5	9549.000	45.75	-2.52	74.0	28.25	Peak	209.00	150	Horizontal	Pass
5**	9549.000	36.08	-2.52	54.0	17.92	AV	209.00	150	Horizontal	Pass
6	14840.001	48.90	-0.25	74.0	25.10	Peak	360.00	150	Horizontal	Pass
6**	14840.001	38.08	-0.25	54.0	15.92	AV	360.00	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	1723.500	47.84	-16.17	74.0	26.16	Peak	107.00	150	Vertical	Pass
1**	1723.500	30.38	-16.17	54.0	23.62	AV	107.00	150	Vertical	Pass
2	2427.000	96.84	-12.28	74.0	-22.84	Peak	178.00	150	Vertical	N/A
2**	2427.000	86.98	-12.28	54.0	-32.98	AV	178.00	150	Vertical	N/A
3	4691.000	47.62	-3.79	74.0	26.38	Peak	348.00	150	Vertical	Pass
3**	4691.000	36.61	-3.79	54.0	17.39	AV	348.00	150	Vertical	Pass
4	7151.500	52.27	0.11	74.0	21.73	Peak	139.00	150	Vertical	Pass
4**	7151.500	41.46	0.11	54.0	12.54	AV	139.00	150	Vertical	Pass
5	10184.500	46.40	-3.60	74.0	27.60	Peak	210.00	150	Vertical	Pass
5**	10184.500	35.83	-3.60	54.0	18.17	AV	210.00	150	Vertical	Pass
6	15306.500	48.35	-1.97	74.0	25.65	Peak	153.00	150	Vertical	Pass
6**	15306.500	37.74	-1.97	54.0	16.26	AV	153.00	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.

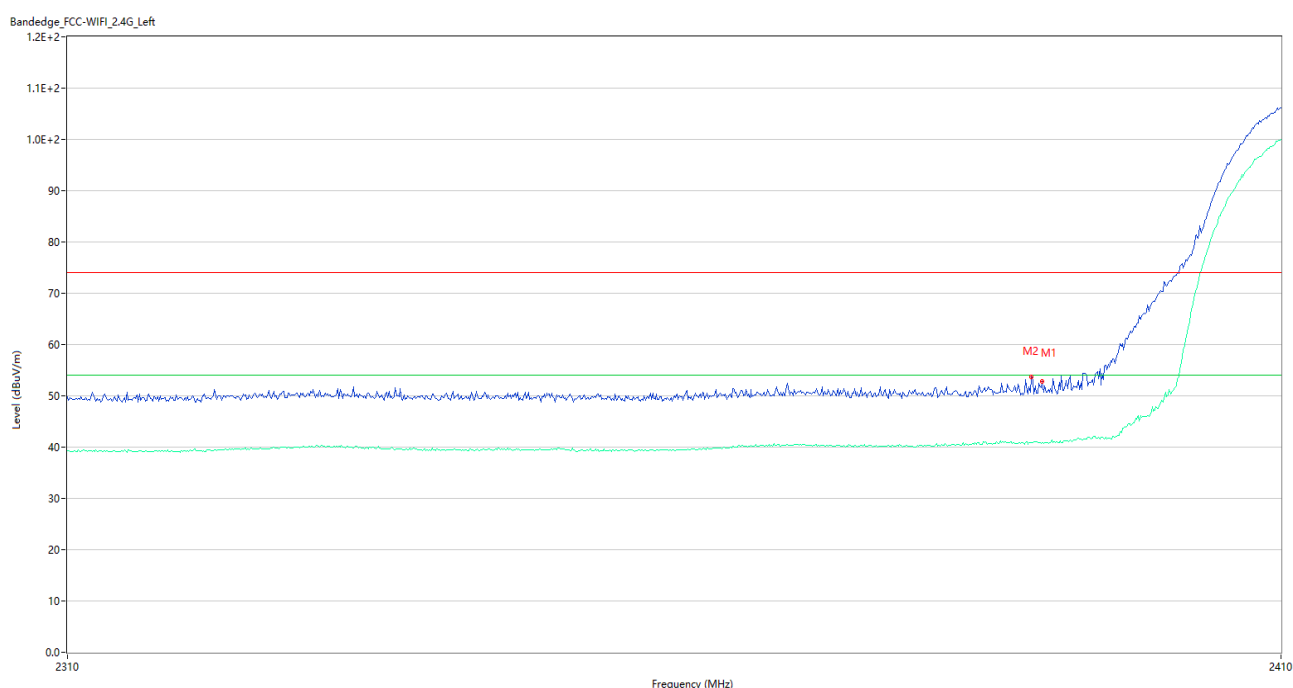
Note 3: According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Note 5: All antenna were pre tested, but only the worst case has been reported in this report.

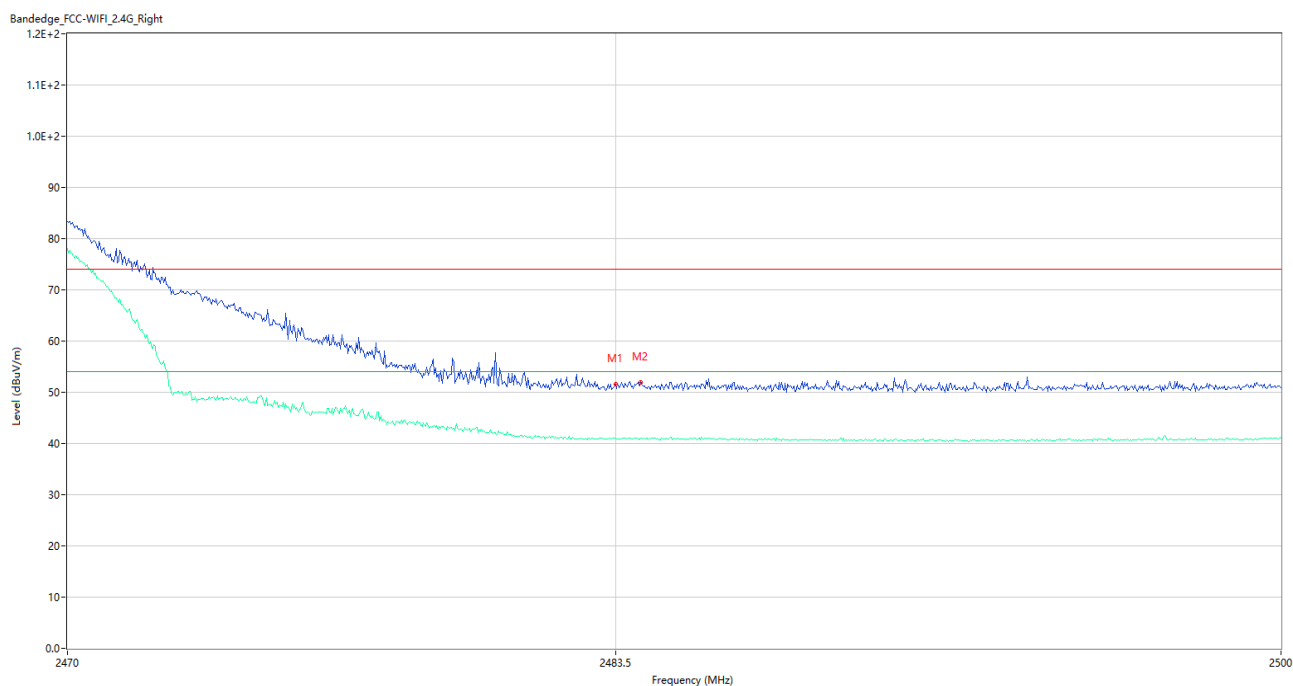
Test Data and Plots

802.11b LOW CHANNEL



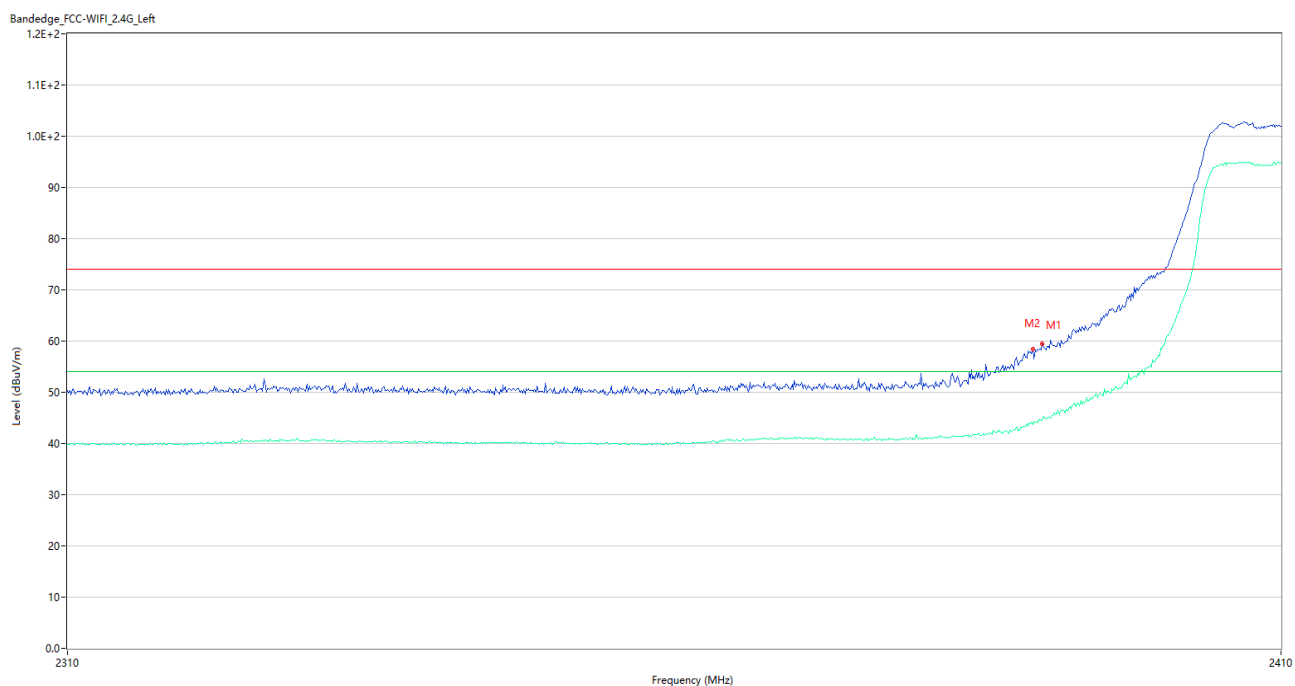
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.73	-4.87	74.0	21.27	Peak	170.00	150	Horizontal	Pass
1**	2390.000	40.81	-4.87	54.0	13.19	AV	170.00	150	Horizontal	Pass
2	2389.150	53.62	-4.82	74.0	20.38	Peak	277.00	150	Horizontal	Pass
2**	2389.150	40.90	-4.82	54.0	13.10	AV	277.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



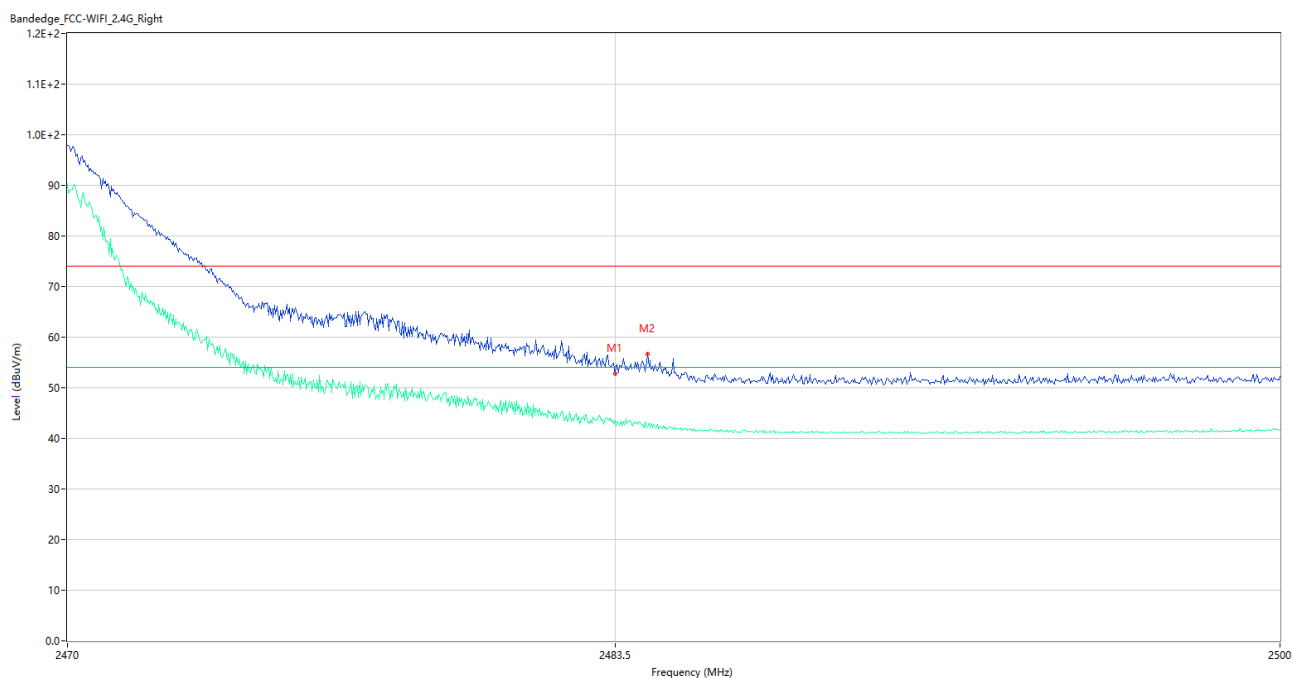
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.54	-3.78	74.0	22.46	Peak	289.00	150	Horizontal	Pass
1**	2483.500	40.93	-3.78	54.0	13.07	AV	289.00	150	Horizontal	Pass
2	2484.130	51.90	-3.78	74.0	22.10	Peak	72.00	150	Horizontal	Pass
2**	2484.130	41.02	-3.78	54.0	12.98	AV	72.00	150	Horizontal	Pass

802.11g LOW CHANNEL



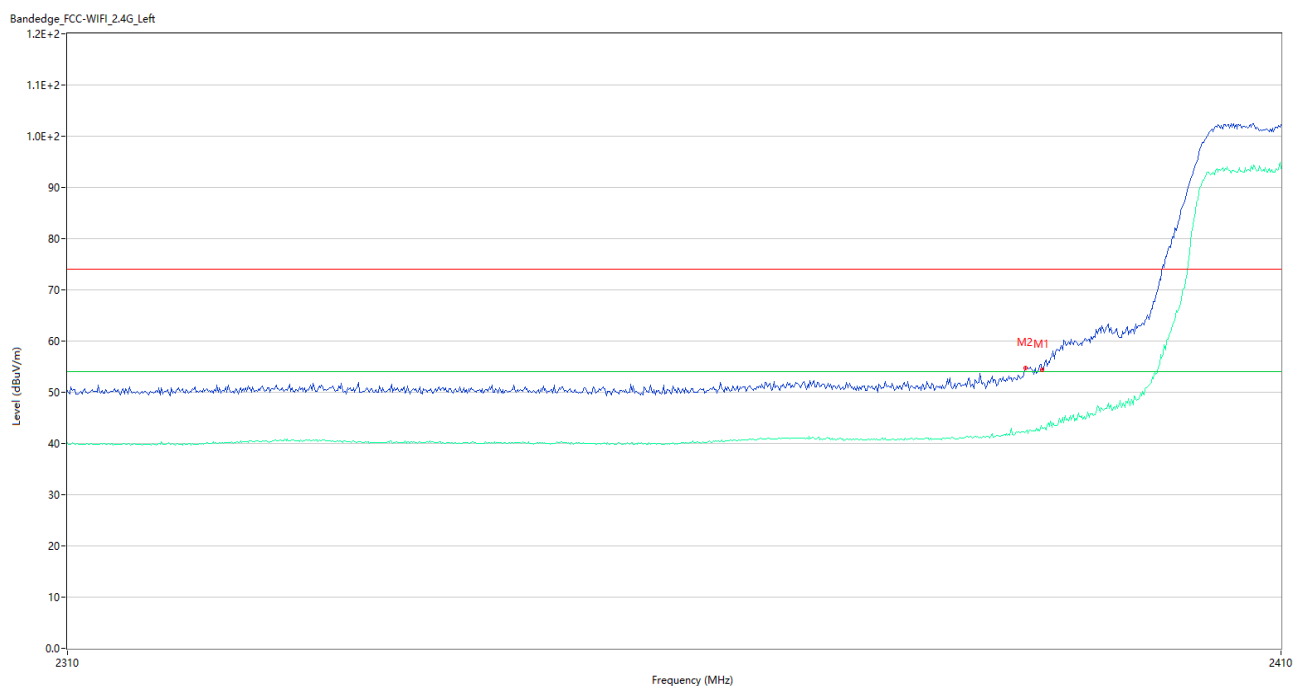
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.39	-4.87	74.0	14.61	Peak	156.00	150	Horizontal	Pass
1**	2390.000	44.55	-4.87	54.0	9.45	AV	156.00	150	Horizontal	Pass
2	2389.200	58.42	-4.83	74.0	15.58	Peak	167.00	150	Horizontal	Pass
2**	2389.200	43.65	-4.83	54.0	10.35	AV	167.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



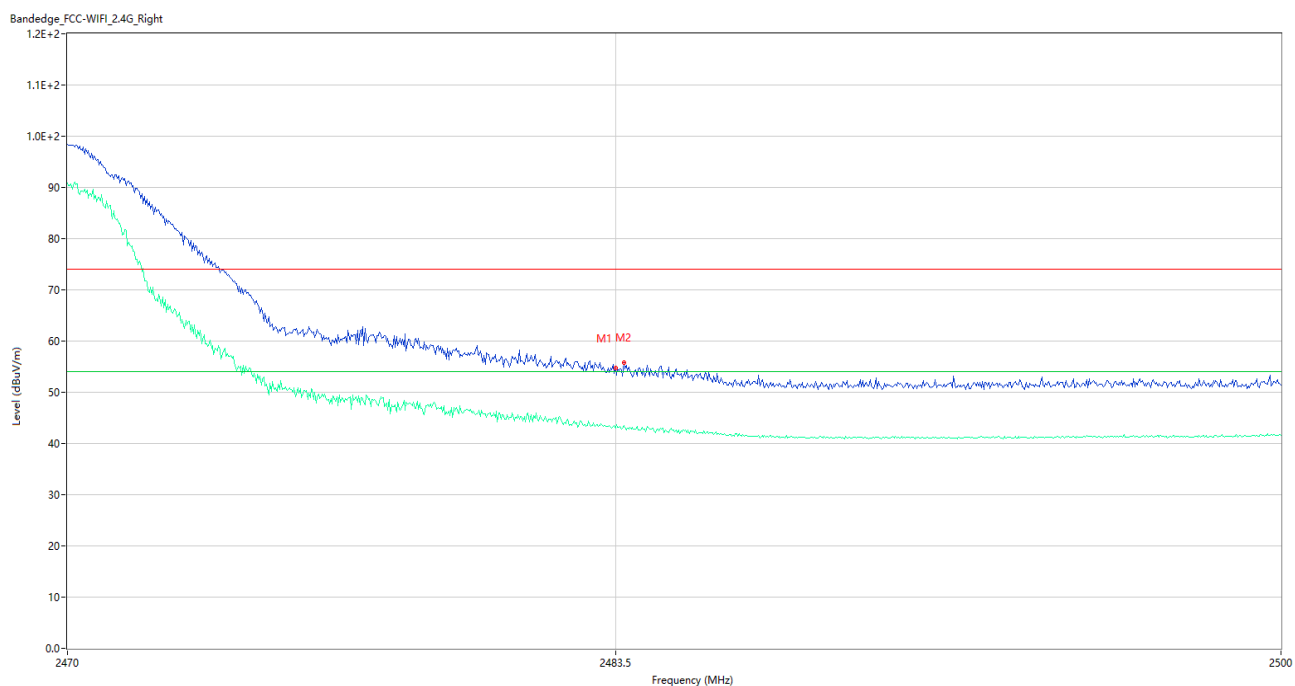
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.80	-3.78	74.0	21.20	Peak	360.00	150	Horizontal	Pass
1**	2483.500	43.59	-3.78	54.0	10.41	AV	360.00	150	Horizontal	Pass
2	2484.310	56.59	-3.78	74.0	17.41	Peak	157.00	150	Horizontal	Pass
2**	2484.310	42.50	-3.78	54.0	11.50	AV	157.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



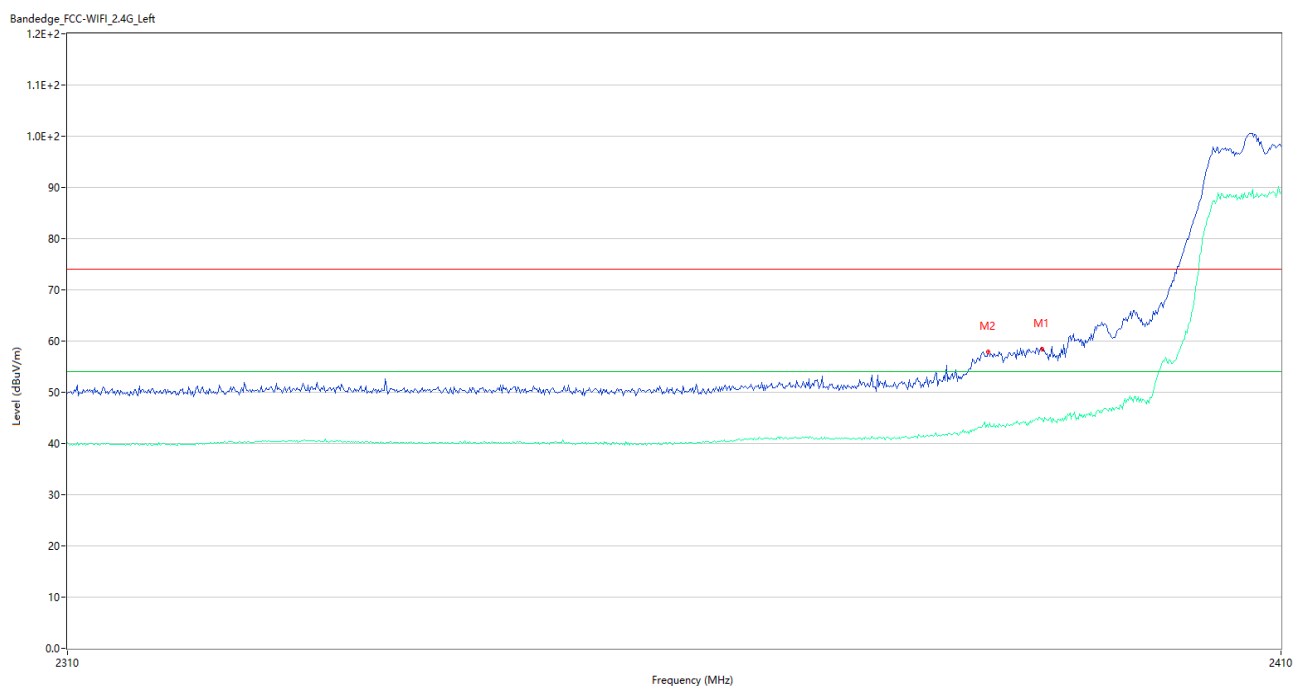
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	54.44	-4.87	74.0	19.56	Peak	354.00	150	Horizontal	Pass
1**	2390.000	42.91	-4.87	54.0	11.09	AV	354.00	150	Horizontal	Pass
2	2388.600	54.78	-4.80	74.0	19.22	Peak	154.00	150	Horizontal	Pass
2**	2388.600	42.33	-4.80	54.0	11.67	AV	154.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



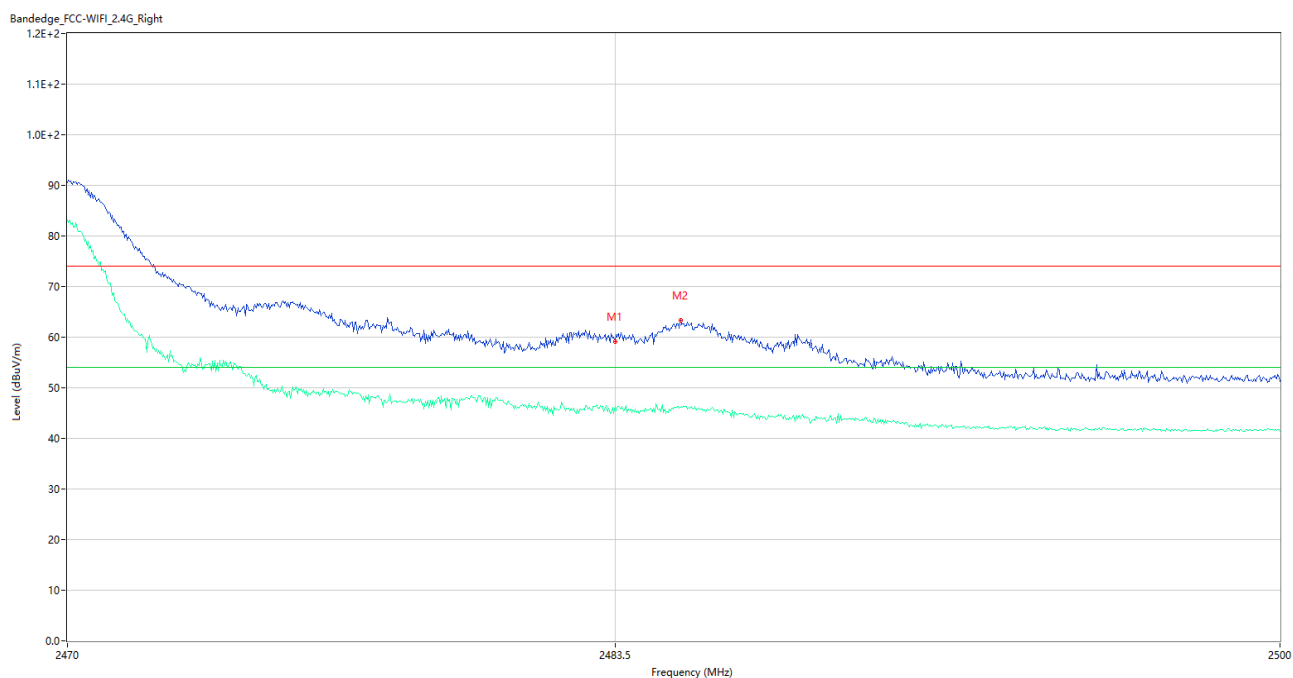
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.72	-3.78	74.0	19.28	Peak	154.00	150	Horizontal	Pass
1**	2483.500	43.05	-3.78	54.0	10.95	AV	154.00	150	Horizontal	Pass
2	2483.710	55.78	-3.78	74.0	18.22	Peak	196.00	150	Horizontal	Pass
2**	2483.710	43.58	-3.78	54.0	10.42	AV	196.00	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	58.42	-4.87	74.0	15.58	Peak	163.00	150	Horizontal	Pass
1**	2390.000	44.99	-4.87	54.0	9.01	AV	163.00	150	Horizontal	Pass
2	2385.500	57.96	-4.61	74.0	16.04	Peak	172.00	150	Horizontal	Pass
2**	2385.500	43.23	-4.61	54.0	10.77	AV	172.00	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	59.06	-3.78	74.0	14.94	Peak	157.00	150	Horizontal	Pass
1**	2483.500	46.29	-3.78	54.0	7.71	AV	157.00	150	Horizontal	Pass
2	2485.120	63.36	-3.78	74.0	10.64	Peak	143.00	150	Horizontal	Pass
2**	2485.120	46.08	-3.78	54.0	7.92	AV	143.00	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

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.29	8
Middle	-9.86	8
High	-9.28	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.09	8
Middle	-12.87	8
High	-13.45	8

802.11n-20 MHz Mode:

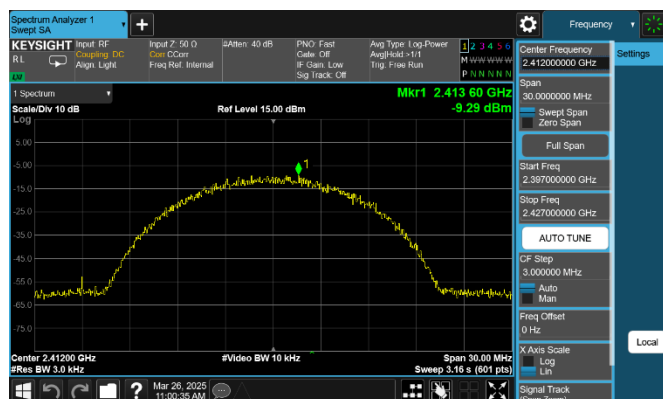
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.81	8
Middle	-15.40	8
High	-13.49	8

802.11n-40 MHz Mode:

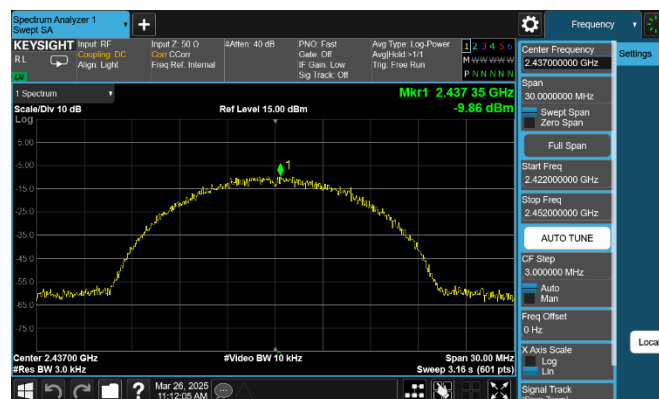
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.46	8
Middle	-18.29	8
High	-18.56	8

Test Plots

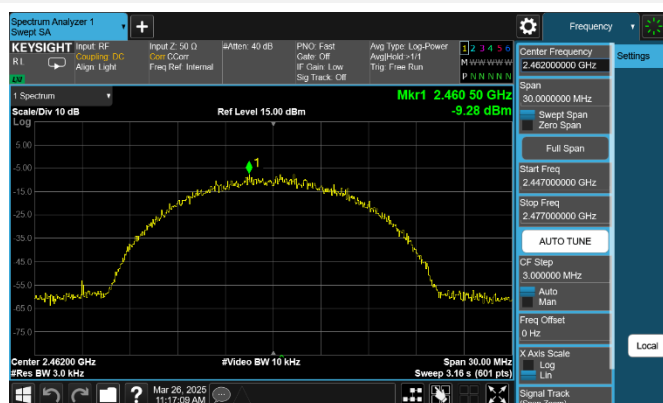
802.11b LOW CHANNEL



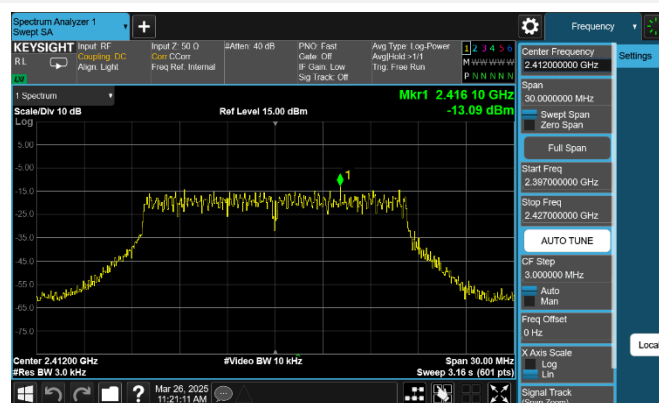
802.11b MIDDLE CHANNEL



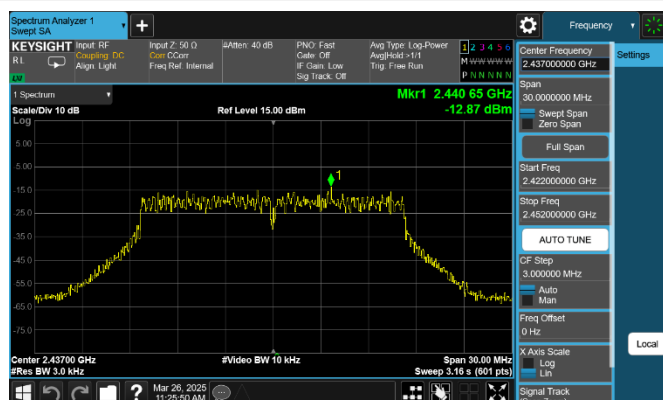
802.11b HIGH CHANNEL



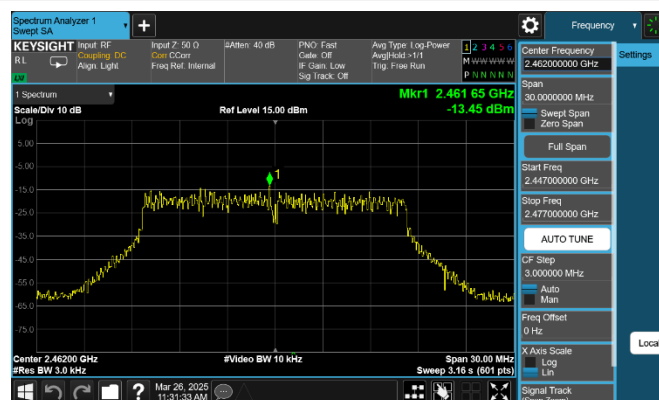
802.11g LOW CHANNEL



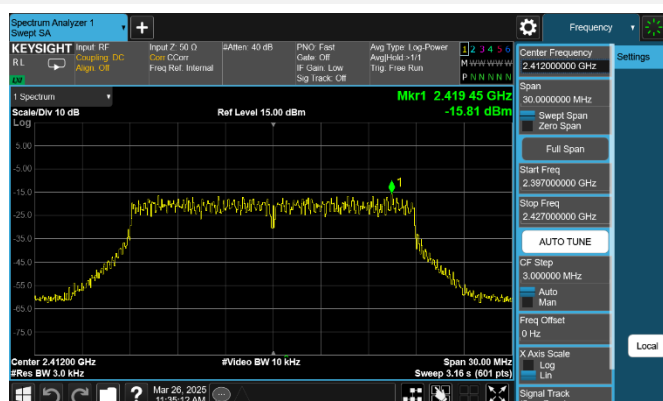
802.11g MIDDLE CHANNEL



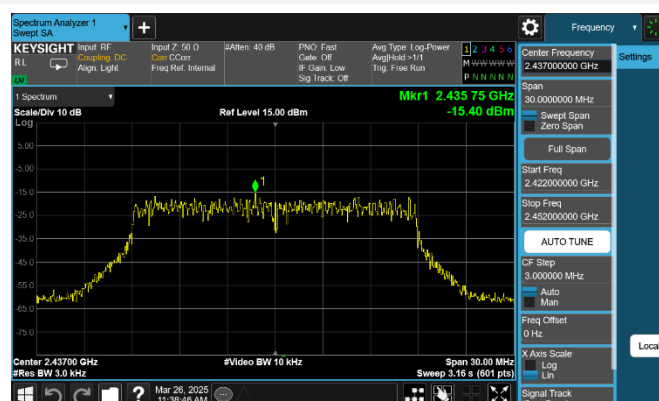
802.11g HIGH CHANNEL



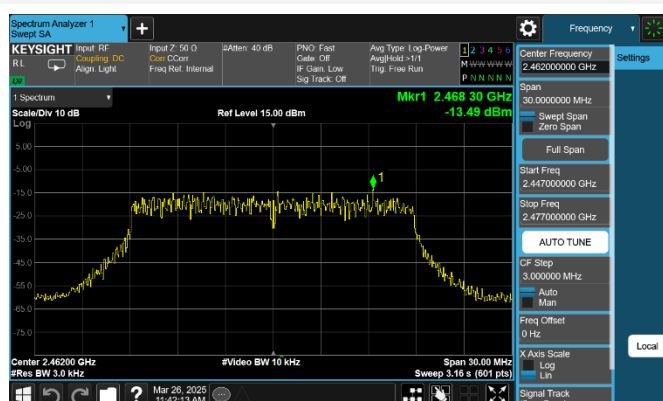
802.11n-20 MHz LOW CHANNEL



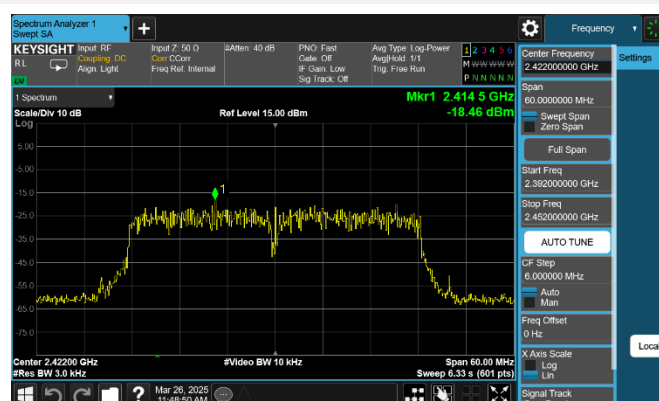
802.11 n-20 MHz MIDDLE CHANNEL



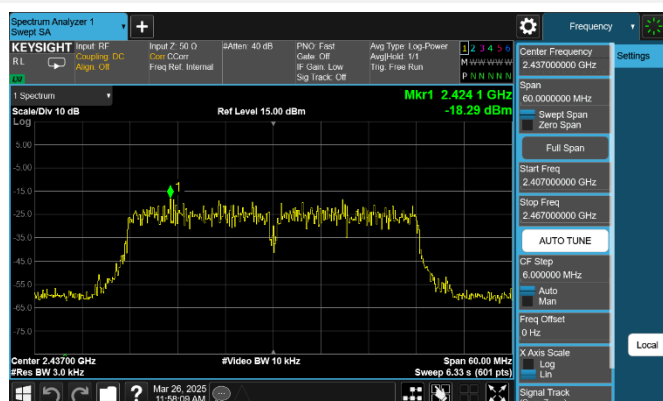
802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2520742-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2520742-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2520742-AI.PDF”.

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--END OF REPORT--