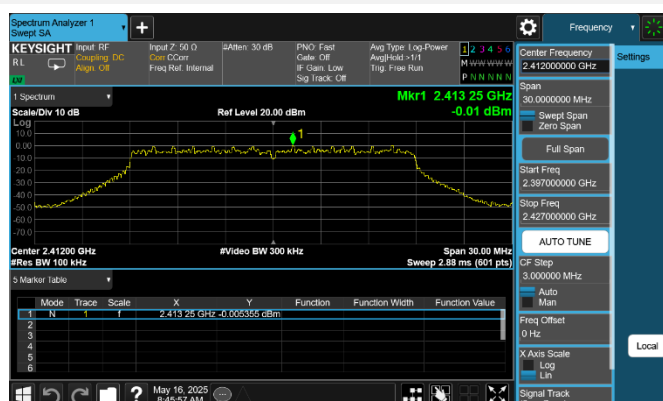
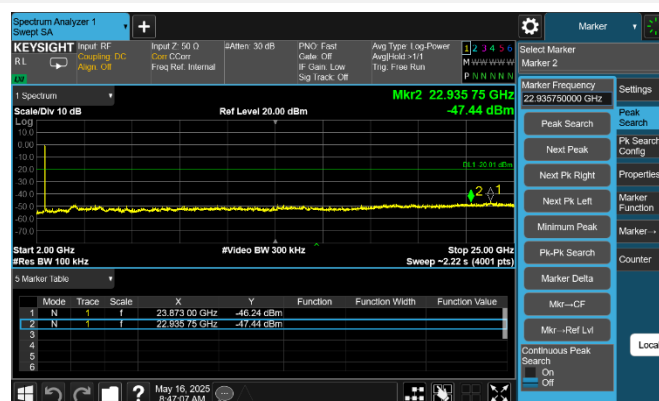


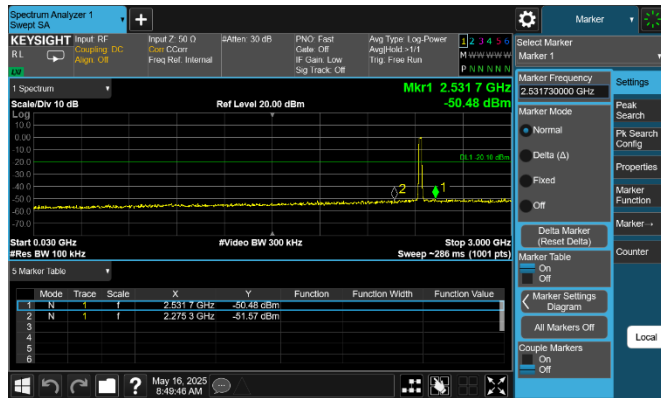
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

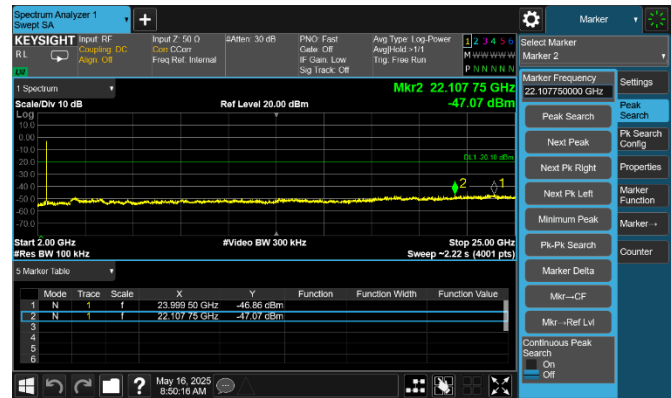
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



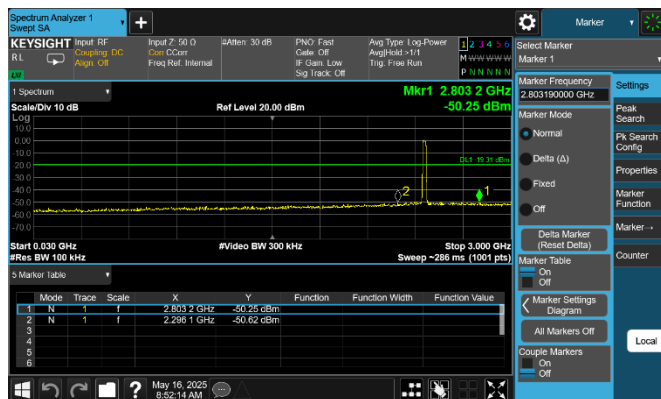
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



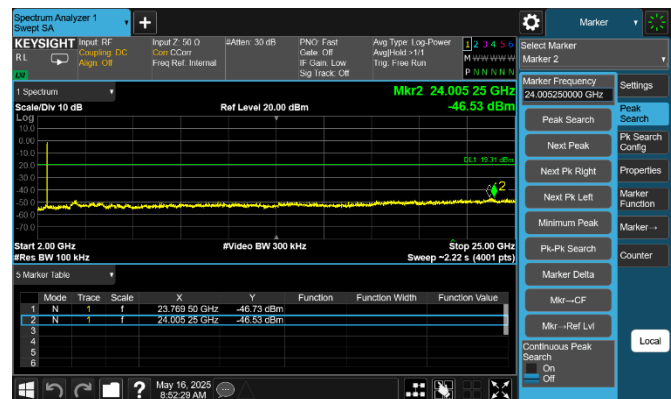
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



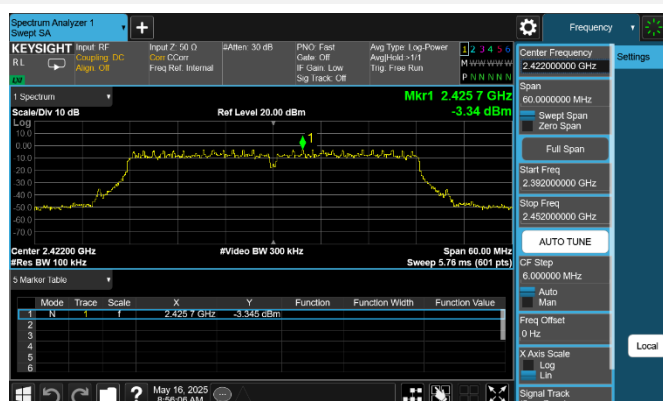
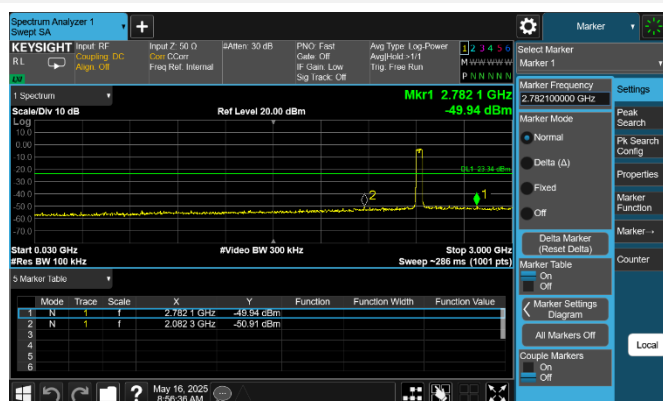
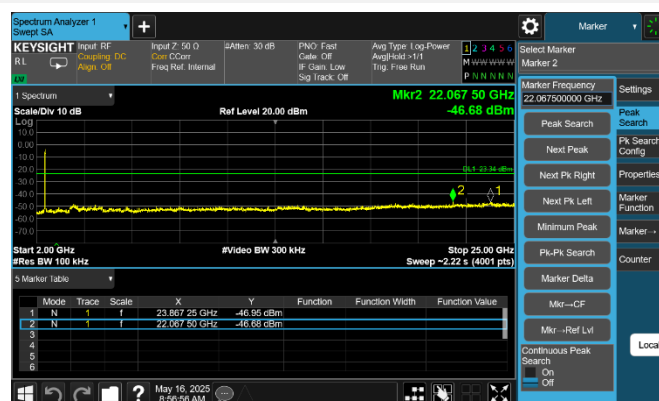
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



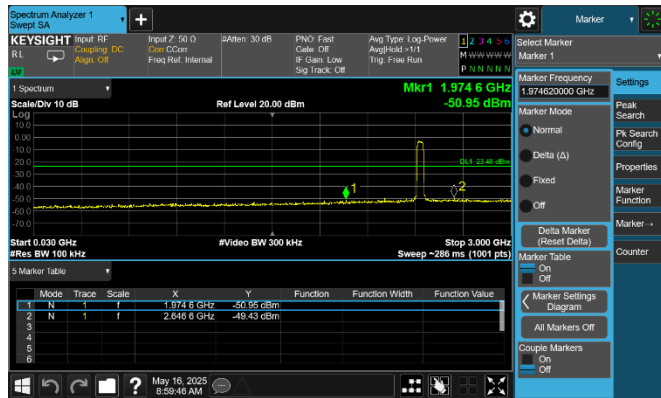
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

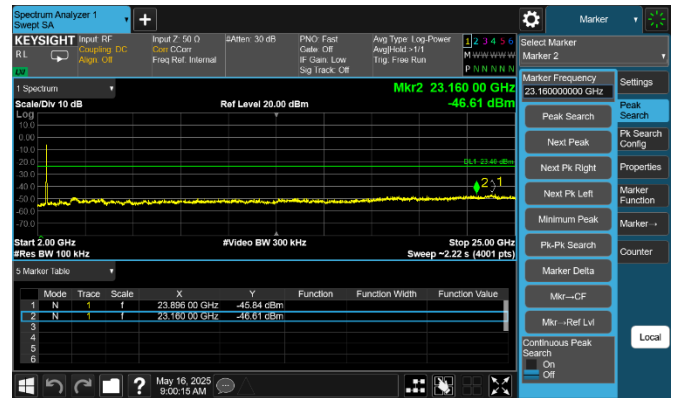
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



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



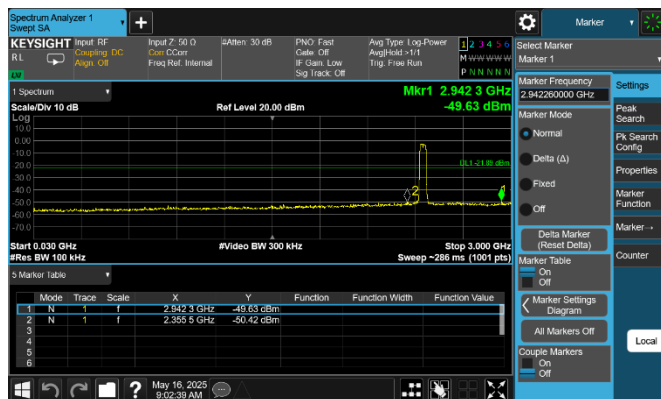
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



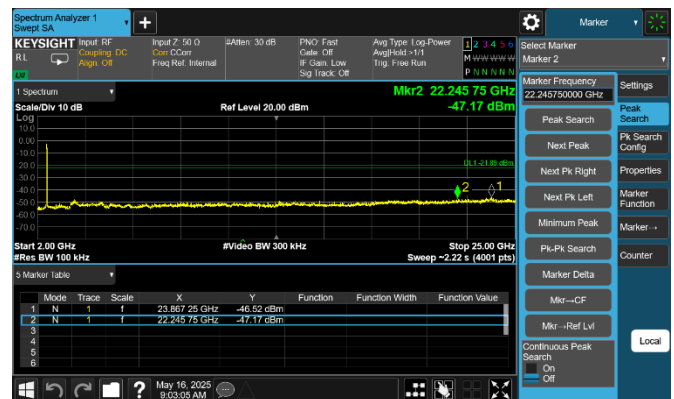
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-40.74	6.41	-13.59	Pass
High	-50.92	7.14	-12.86	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-38.87	0.72	-19.28	Pass
High	-51.64	1.24	-18.76	Pass

802.11n-20 MHz Mode:

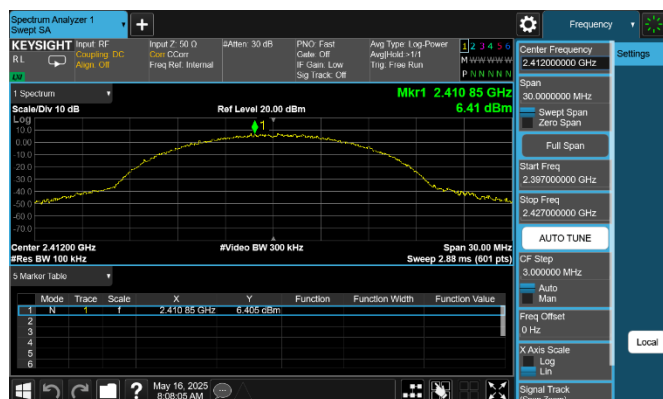
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-39.90	-0.01	-20.01	Pass
High	-51.15	0.69	-19.31	Pass

802.11n-40 MHz Mode:

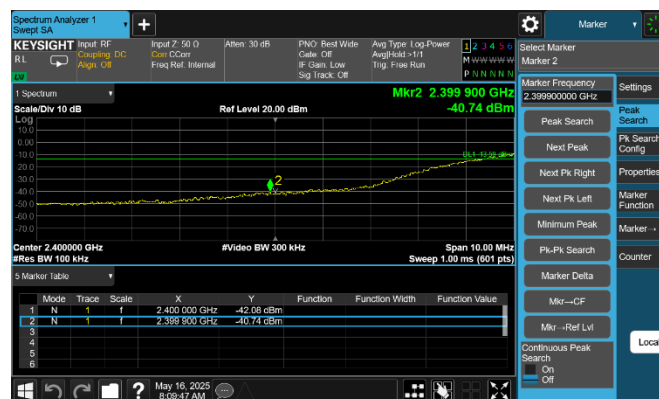
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-37.71	-3.34	-23.34	Pass
High	-53.13	-1.89	-21.89	Pass

Test Plots

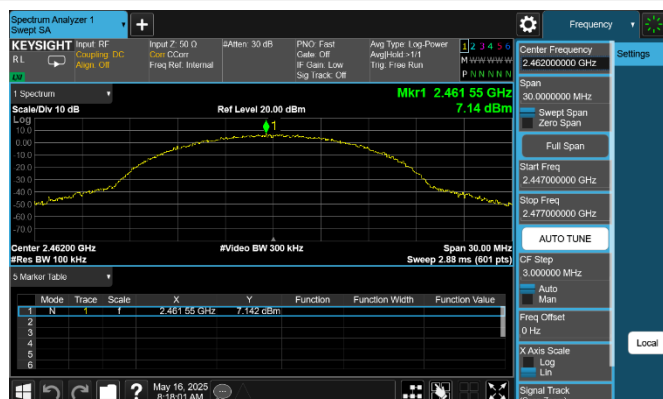
802.11b LOW CHANNEL, CARRIER LEVEL



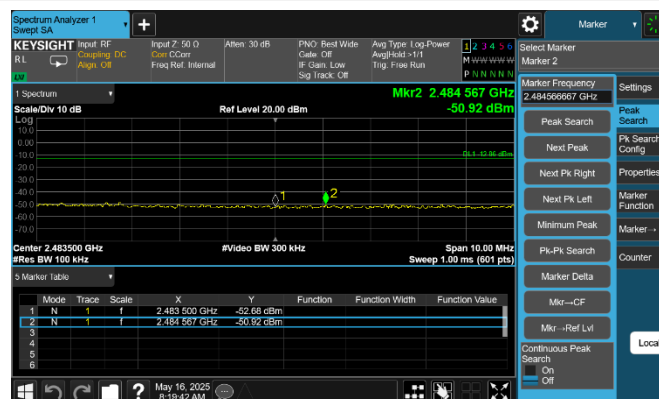
802.11b LOW CHANNEL, BAND EDGE



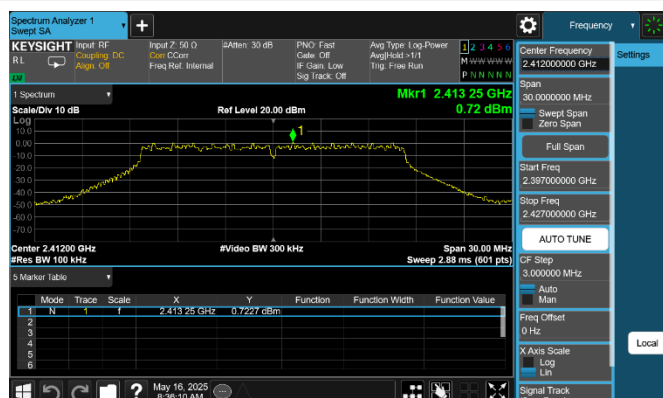
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



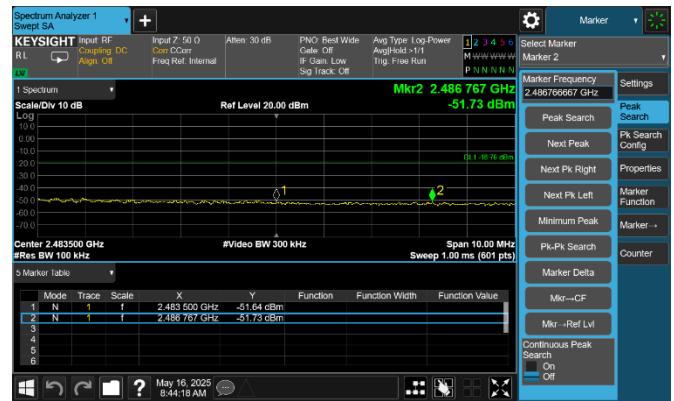
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



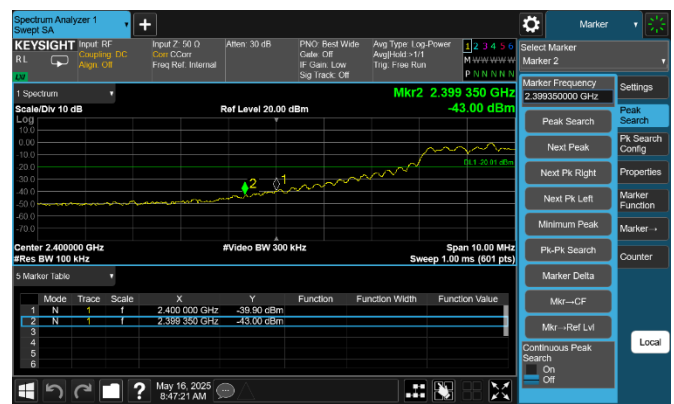
802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



802.11n-20 MHz LOW CHANNEL, BAND EDGE



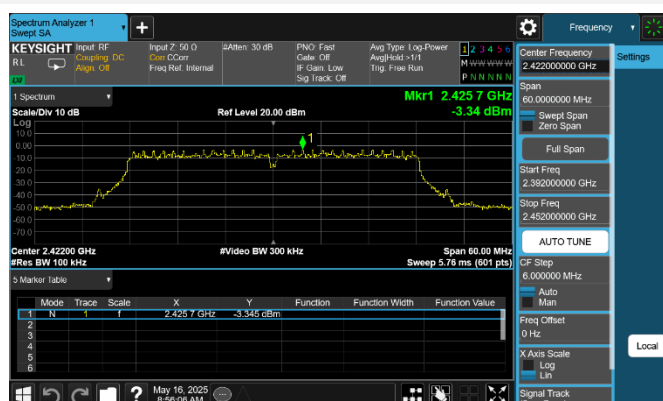
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



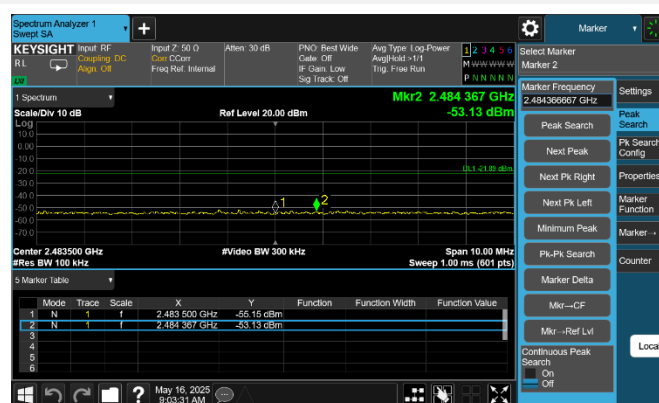
802.11n-40 MHz LOW CHANNEL, BAND EDGE



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.

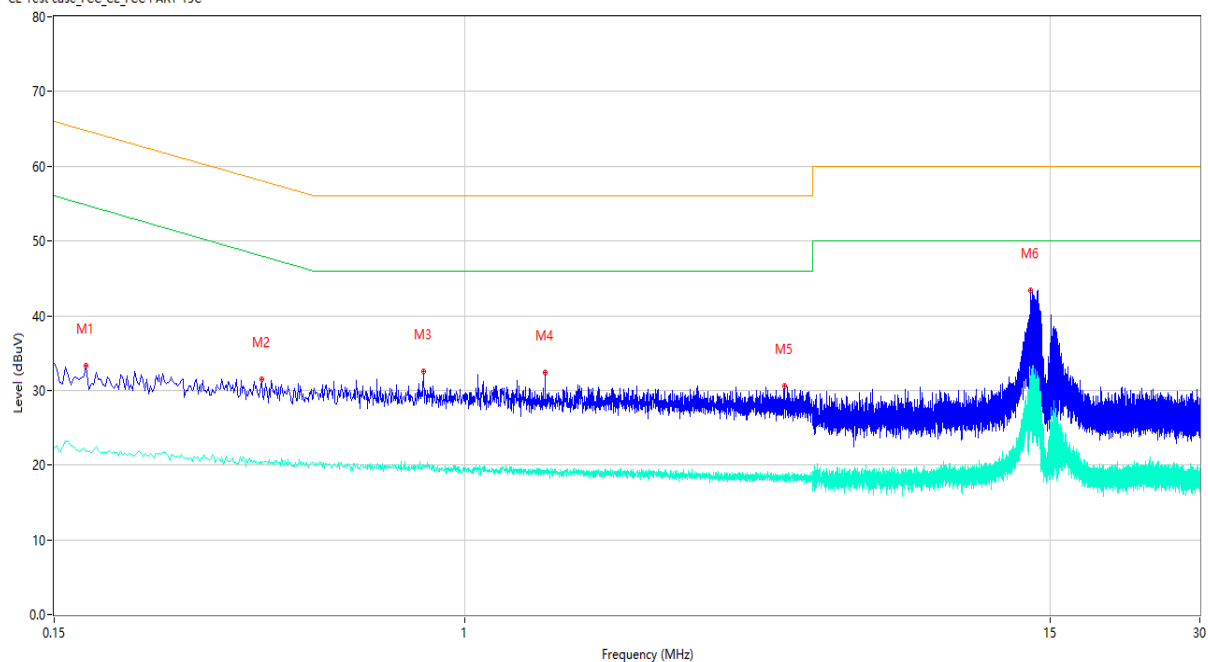
Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

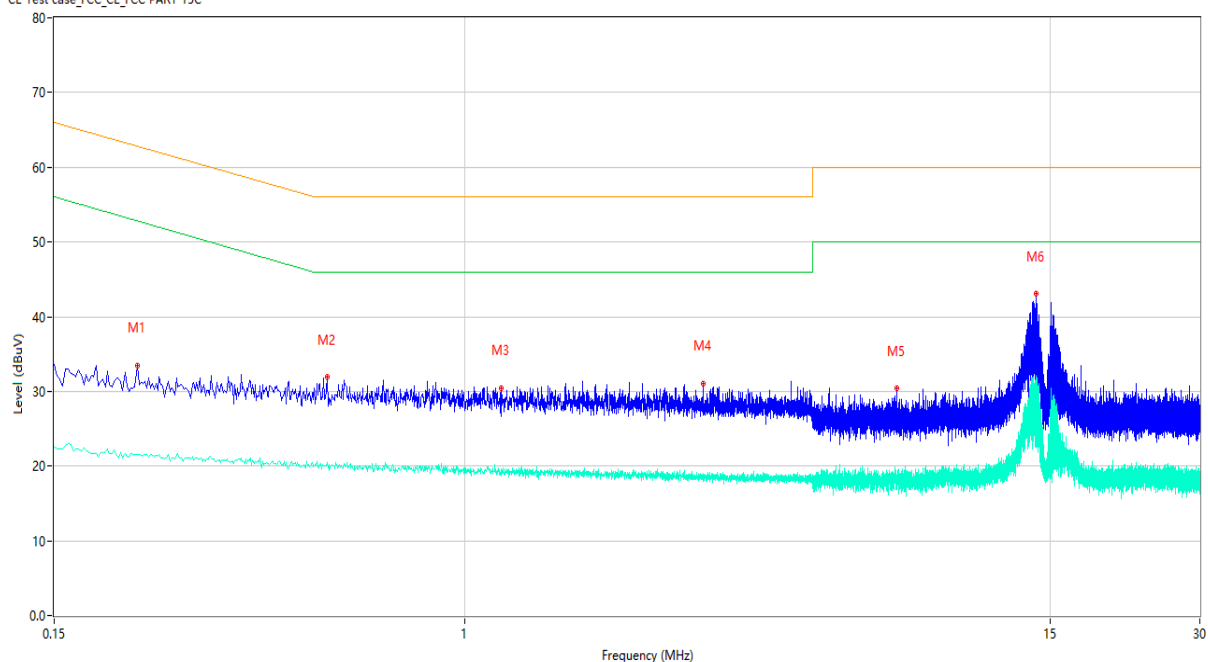
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.174	33.24	9.73	64.77	31.53	Peak	L	Pass
1**	0.174	21.77	9.73	54.77	33.00	AV	L	Pass
2	0.392	31.47	9.74	58.02	26.55	Peak	L	Pass
2**	0.392	20.23	9.74	48.02	27.79	AV	L	Pass
3	0.828	32.47	9.72	56.00	23.53	Peak	L	Pass
3**	0.828	20.03	9.72	46.00	25.97	AV	L	Pass
4	1.452	32.32	9.74	56.00	23.68	Peak	L	Pass
4**	1.452	19.28	9.74	46.00	26.72	AV	L	Pass
5	4.390	30.60	9.64	56.00	25.40	Peak	L	Pass
5**	4.390	18.36	9.64	46.00	27.64	AV	L	Pass
6	13.728	43.43	9.03	60.00	16.57	Peak	L	Pass
6**	13.728	31.38	9.03	50.00	18.62	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	0.220	33.51	9.74	62.82	29.31	Peak	N	Pass
1**	0.220	21.59	9.74	52.82	31.23	AV	N	Pass
2	0.530	31.90	9.75	56.00	24.10	Peak	N	Pass
2**	0.530	20.56	9.75	46.00	25.44	AV	N	Pass
3	1.188	30.50	9.74	56.00	25.50	Peak	N	Pass
3**	1.188	19.63	9.74	46.00	26.37	AV	N	Pass
4	3.020	31.09	9.70	56.00	24.91	Peak	N	Pass
4**	3.020	18.99	9.70	46.00	27.01	AV	N	Pass
5	7.388	30.37	9.42	60.00	29.63	Peak	N	Pass
5**	7.388	18.83	9.42	50.00	31.17	AV	N	Pass
6	14.064	43.05	9.02	60.00	16.95	Peak	N	Pass
6**	14.064	31.91	9.02	50.00	18.09	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.

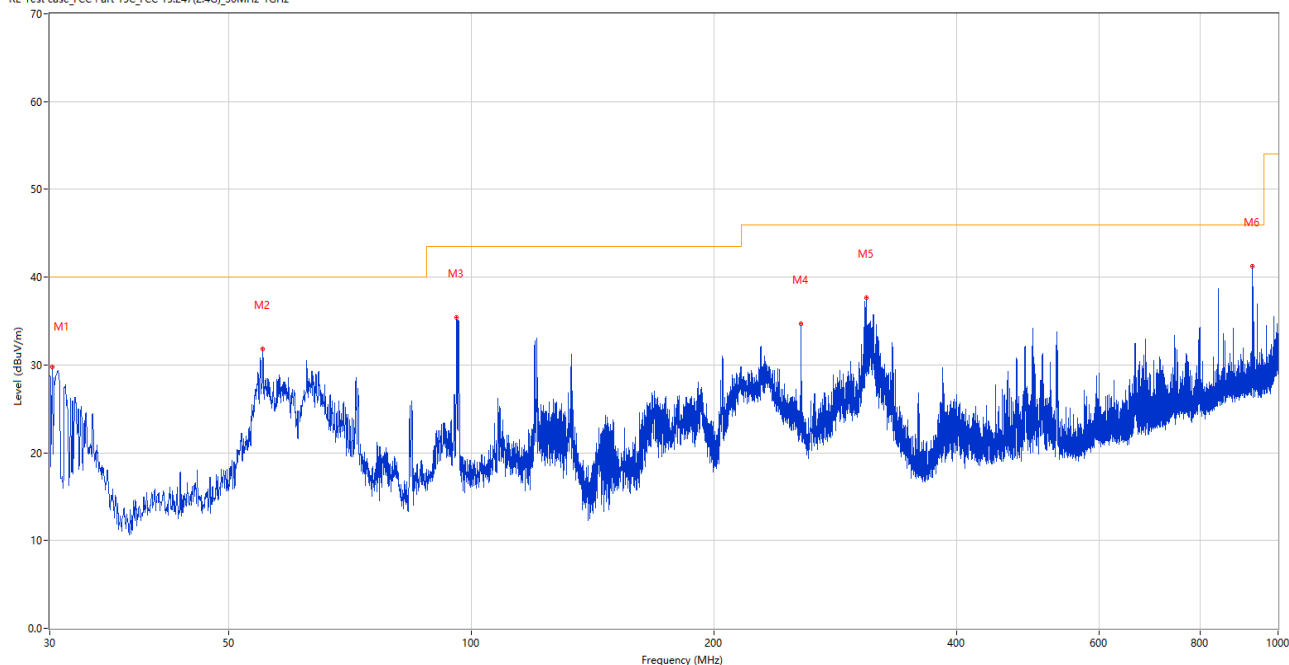
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

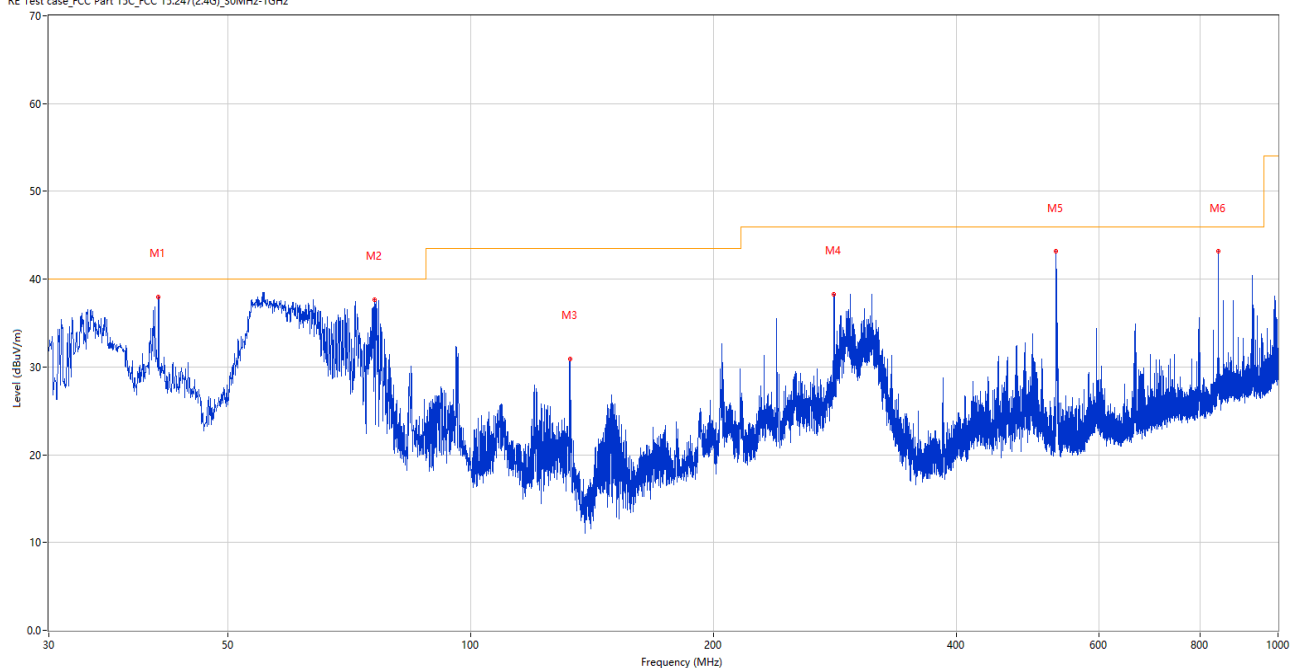
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.194	29.83	-28.92	40.0	10.17	Peak	346.00	100	Horizontal	Pass
2	55.123	31.88	-25.08	40.0	8.12	Peak	194.00	100	Horizontal	Pass
3	95.863	35.39	-26.55	43.5	8.11	Peak	115.00	100	Horizontal	Pass
4	256.058	34.69	-24.10	46.0	11.31	Peak	115.00	200	Horizontal	Pass
5	308.730	37.64	-23.21	46.0	8.36	Peak	211.00	100	Horizontal	Pass
6	929.529	41.26	-8.83	46.0	4.74	Peak	158.00	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	41.010	38.00	-25.59	40.0	2.00	Peak	120.00	100	Vertical	Pass
2	75.929	37.69	-30.65	40.0	2.31	Peak	149.00	100	Vertical	Pass
3	132.626	30.92	-29.20	43.5	12.58	Peak	265.00	100	Vertical	Pass
4	281.861	38.24	-23.57	46.0	7.76	Peak	131.00	200	Vertical	Pass
5	531.102	43.24	-17.42	46.0	2.76	Peak	168.00	100	Vertical	Pass
6	843.588	43.14	-10.57	46.0	2.86	Peak	149.00	100	Vertical	Pass

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

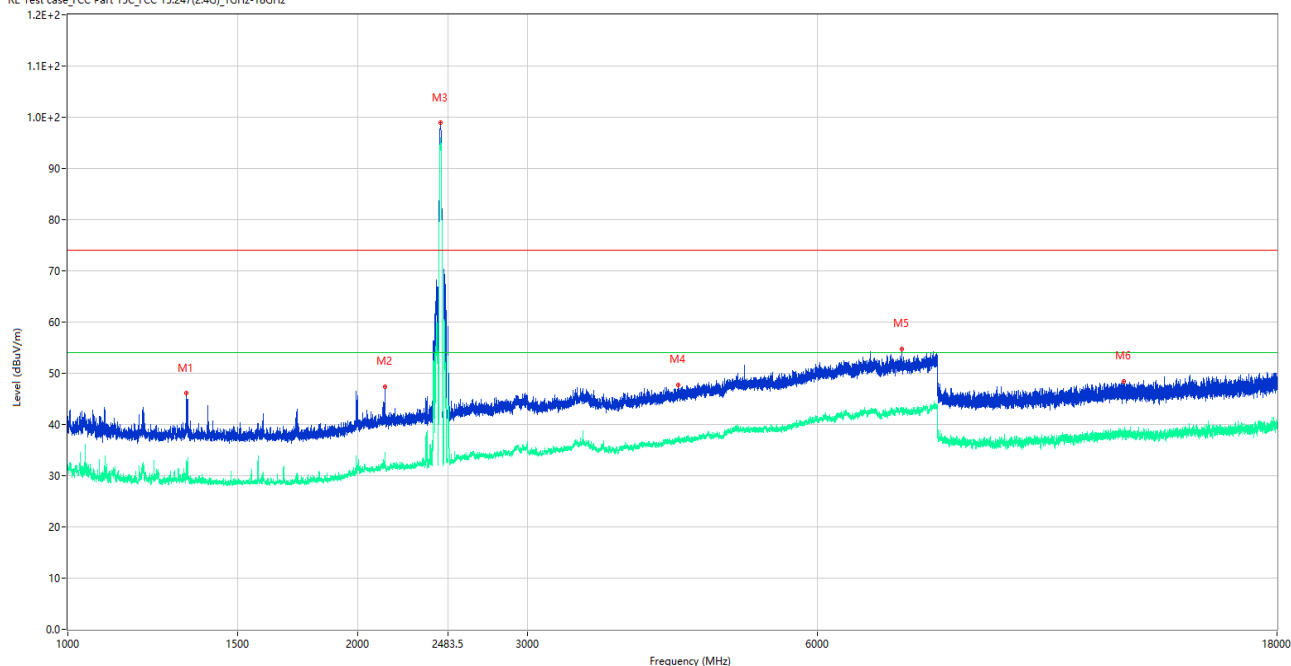
Note 2: The spurious above 18G is noise only, do not show on the report.

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

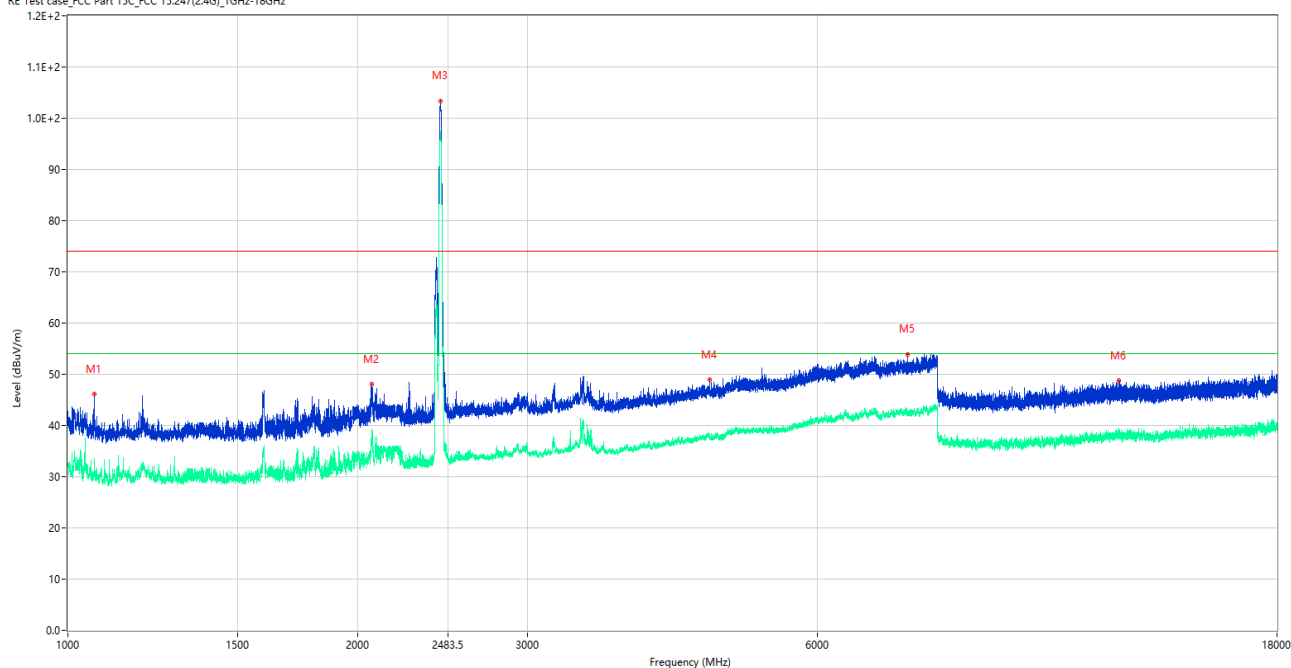
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	46.10	-15.94	74.0	27.90	Peak	360.00	150	Horizontal	Pass
1**	1328.500	30.65	-15.94	54.0	23.35	AV	360.00	150	Horizontal	Pass
2	2132.500	47.39	-13.37	74.0	26.61	Peak	304.00	150	Horizontal	Pass
2**	2132.500	32.50	-13.37	54.0	21.50	AV	304.00	150	Horizontal	Pass
3	2438.250	98.93	-12.38	74.0	-24.93	Peak	262.00	150	Horizontal	N/A
3**	2438.250	96.05	-12.38	54.0	-42.05	AV	262.00	150	Horizontal	N/A
4	4299.500	47.75	-3.67	74.0	26.25	Peak	359.00	150	Horizontal	Pass
4**	4299.500	37.41	-3.67	54.0	16.59	AV	359.00	150	Horizontal	Pass
5	7336.000	54.78	1.04	74.0	19.22	Peak	0.00	150	Horizontal	Pass
5**	7336.000	43.12	1.04	54.0	10.88	AV	0.00	150	Horizontal	Pass
6	12473.000	48.45	-2.61	74.0	25.55	Peak	206.00	150	Horizontal	Pass
6**	12473.000	37.74	-2.61	54.0	16.26	AV	206.00	150	Horizontal	Pass

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

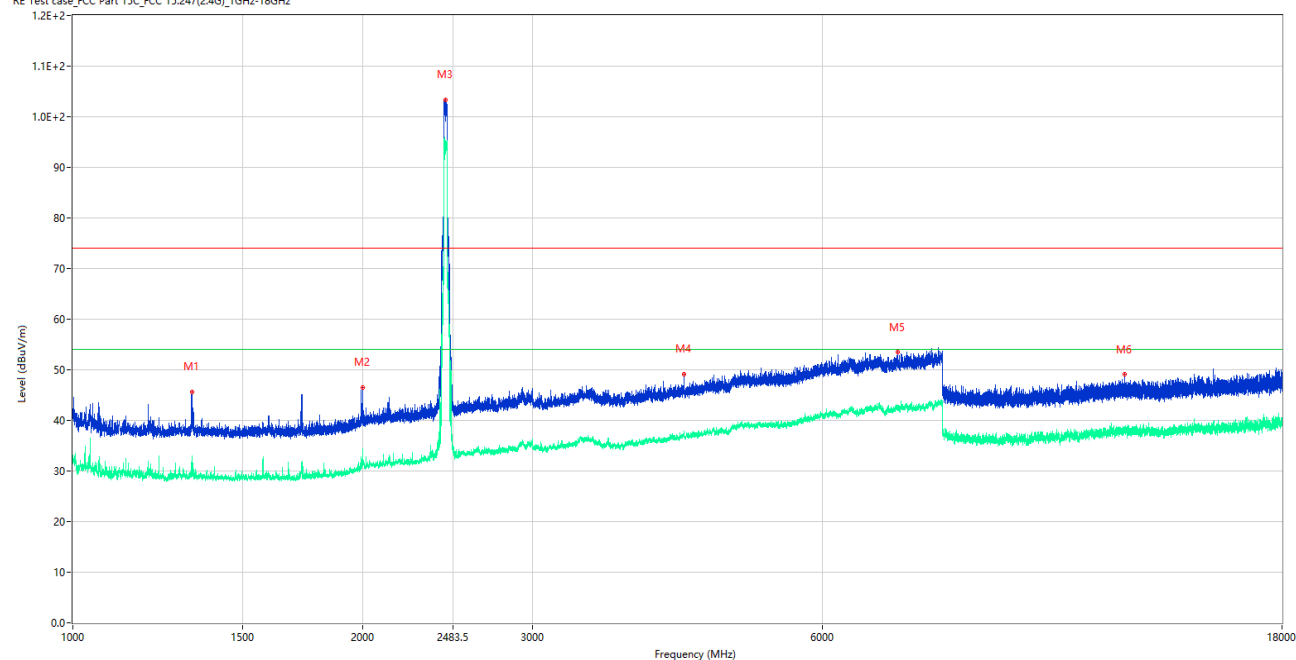
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.500	46.07	-15.20	74.0	27.93	Peak	322.00	150	Vertical	Pass
1**	1064.500	30.17	-15.20	54.0	23.83	AV	322.00	150	Vertical	Pass
2	2067.500	48.03	-13.77	74.0	25.97	Peak	344.00	150	Vertical	Pass
2**	2067.500	38.47	-13.77	54.0	15.53	AV	344.00	150	Vertical	Pass
3	2436.750	103.36	-12.36	74.0	-29.36	Peak	242.00	150	Vertical	N/A
3**	2436.750	97.21	-12.36	54.0	-43.21	AV	242.00	150	Vertical	N/A
4	4638.000	48.99	-2.98	74.0	25.01	Peak	266.00	150	Vertical	Pass
4**	4638.000	37.43	-2.98	54.0	16.57	AV	266.00	150	Vertical	Pass
5	7443.000	53.81	0.48	74.0	20.19	Peak	351.00	150	Vertical	Pass
5**	7443.000	42.11	0.48	54.0	11.89	AV	351.00	150	Vertical	Pass
6	12337.000	48.75	-2.31	74.0	25.25	Peak	204.00	150	Vertical	Pass
6**	12337.000	38.06	-2.31	54.0	15.94	AV	204.00	150	Vertical	Pass

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

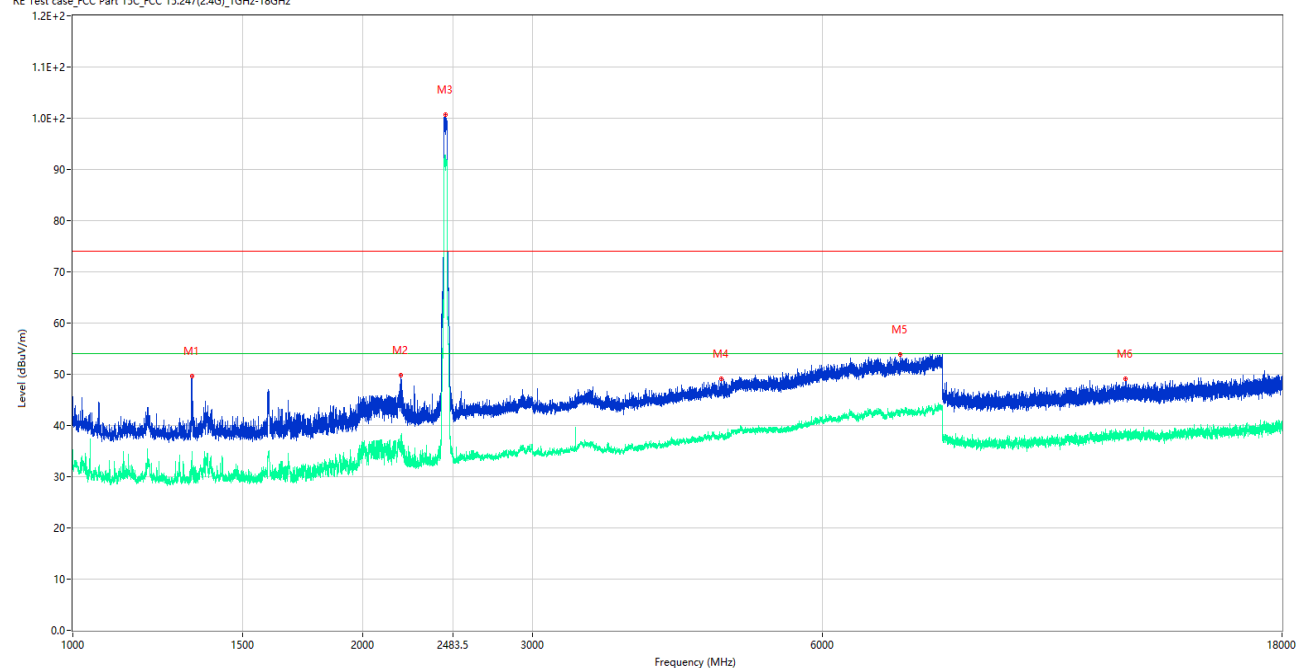
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	45.65	-15.99	74.0	28.35	Peak	358.00	150	Horizontal	Pass
1**	1330.500	31.50	-15.99	54.0	22.50	AV	358.00	150	Horizontal	Pass
2	1999.750	46.54	-14.31	74.0	27.46	Peak	25.00	150	Horizontal	Pass
2**	1999.750	32.50	-14.31	54.0	21.50	AV	25.00	150	Horizontal	Pass
3	2435.000	103.40	-12.30	74.0	-29.40	Peak	241.00	150	Horizontal	N/A
3**	2435.000	95.27	-12.30	54.0	-41.27	AV	241.00	150	Horizontal	N/A
4	4312.500	49.17	-3.63	74.0	24.83	Peak	233.00	150	Horizontal	Pass
4**	4312.500	37.24	-3.63	54.0	16.76	AV	233.00	150	Horizontal	Pass
5	7184.000	53.59	-0.12	74.0	20.41	Peak	314.00	150	Horizontal	Pass
5**	7184.000	42.22	-0.12	54.0	11.78	AV	314.00	150	Horizontal	Pass
6	12349.500	49.05	-2.20	74.0	24.95	Peak	39.00	150	Horizontal	Pass
6**	12349.500	37.15	-2.20	54.0	16.85	AV	39.00	150	Horizontal	Pass

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

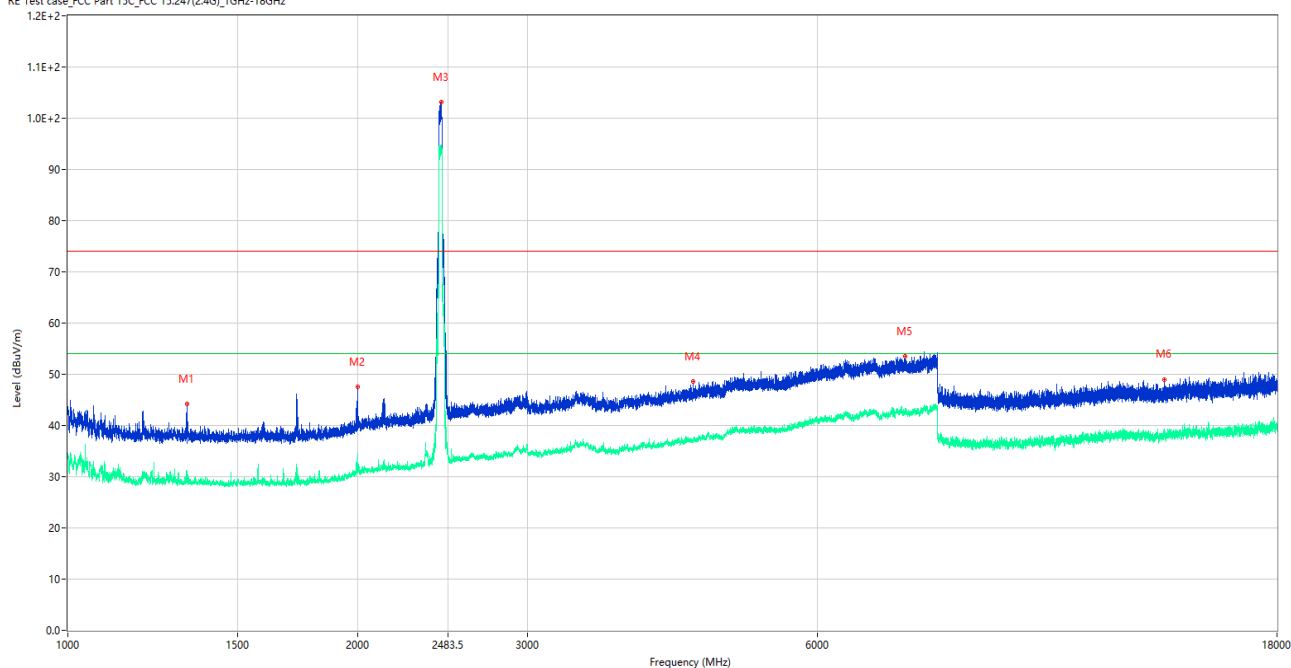
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.250	49.61	-15.95	74.0	24.39	Peak	300.00	150	Vertical	Pass
1**	1329.250	30.97	-15.95	54.0	23.03	AV	300.00	150	Vertical	Pass
2	2192.250	49.75	-13.36	74.0	24.25	Peak	347.00	150	Vertical	Pass
2**	2192.250	37.74	-13.36	54.0	16.26	AV	347.00	150	Vertical	Pass
3	2435.250	100.62	-12.29	74.0	-26.62	Peak	269.00	150	Vertical	N/A
3**	2435.250	92.50	-12.29	54.0	-38.50	AV	269.00	150	Vertical	N/A
4	4713.000	49.07	-3.67	74.0	24.93	Peak	0.00	150	Vertical	Pass
4**	4713.000	37.80	-3.67	54.0	16.20	AV	0.00	150	Vertical	Pass
5	7221.500	53.79	0.36	74.0	20.21	Peak	150.00	150	Vertical	Pass
5**	7221.500	42.01	0.36	54.0	11.99	AV	150.00	150	Vertical	Pass
6	12371.500	49.04	-2.15	74.0	24.96	Peak	148.00	150	Vertical	Pass
6**	12371.500	38.77	-2.15	54.0	15.23	AV	148.00	150	Vertical	Pass

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

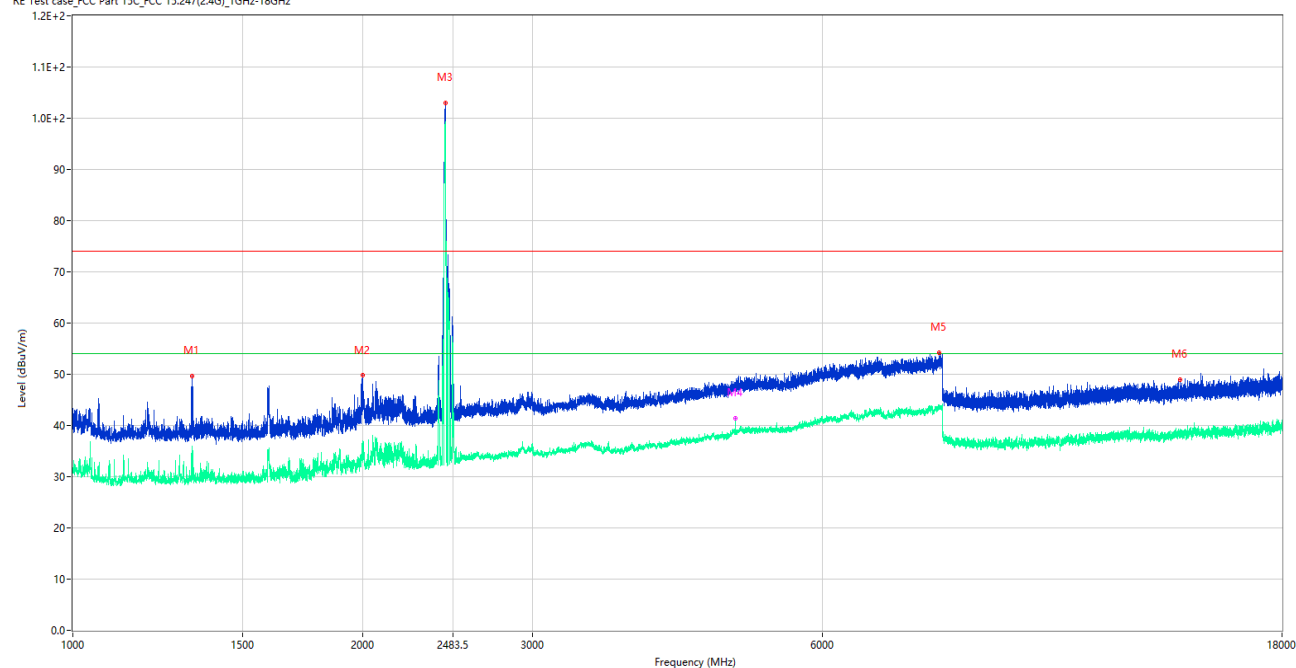
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.750	44.12	-15.99	74.0	29.88	Peak	0.00	150	Horizontal	Pass
1**	1330.750	29.86	-15.99	54.0	24.14	AV	0.00	150	Horizontal	Pass
2	1999.500	47.54	-14.32	74.0	26.46	Peak	22.00	150	Horizontal	Pass
2**	1999.500	30.79	-14.32	54.0	23.21	AV	22.00	150	Horizontal	Pass
3	2439.750	103.15	-12.37	74.0	-29.15	Peak	240.00	150	Horizontal	N/A
3**	2439.750	94.41	-12.37	54.0	-40.41	AV	240.00	150	Horizontal	N/A
4	4454.000	48.54	-3.75	74.0	25.46	Peak	40.00	150	Horizontal	Pass
4**	4454.000	36.76	-3.75	54.0	17.24	AV	40.00	150	Horizontal	Pass
5	7398.000	53.48	0.88	74.0	20.52	Peak	1.00	150	Horizontal	Pass
5**	7398.000	42.52	0.88	54.0	11.48	AV	1.00	150	Horizontal	Pass
6	13748.500	49.03	-2.43	74.0	24.97	Peak	0.00	150	Horizontal	Pass
6**	13748.500	38.61	-2.43	54.0	15.39	AV	0.00	150	Horizontal	Pass

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

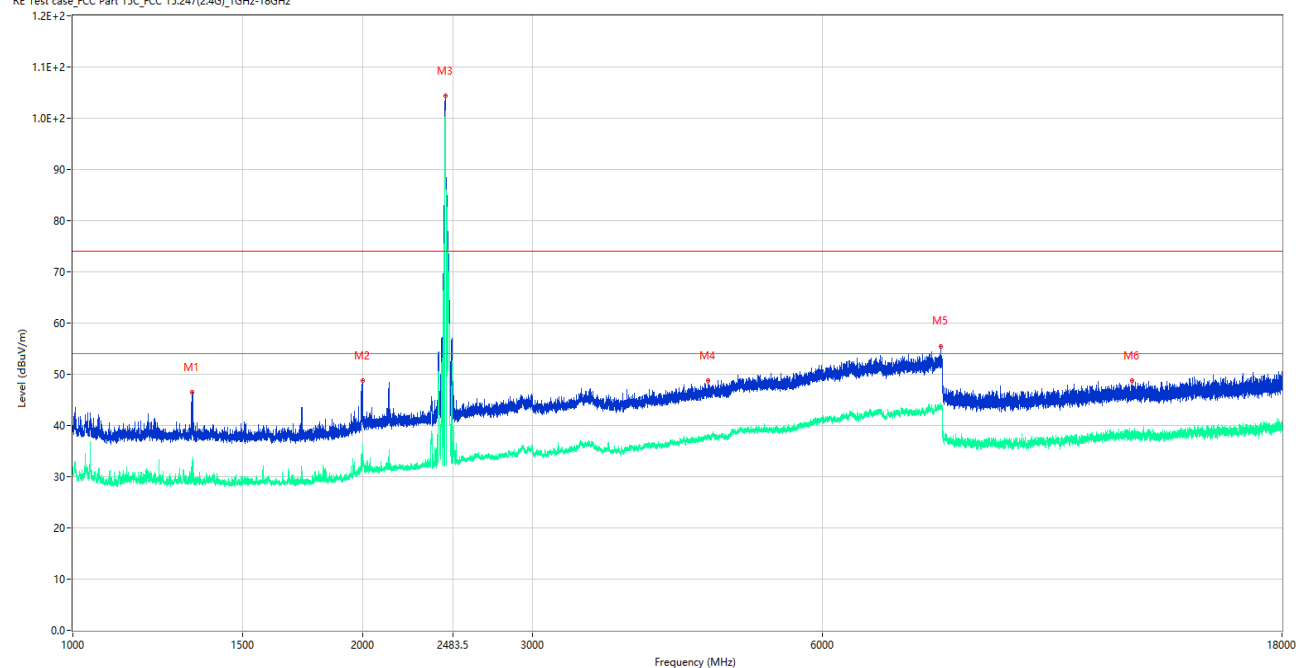
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	49.68	-15.97	74.0	24.32	Peak	301.00	150	Vertical	Pass
1**	1330.000	30.29	-15.97	54.0	23.71	AV	301.00	150	Vertical	Pass
2	2000.750	49.85	-14.29	74.0	24.15	Peak	310.00	150	Vertical	Pass
2**	2000.750	36.19	-14.29	54.0	17.81	AV	310.00	150	Vertical	Pass
3	2435.500	103.01	-12.31	74.0	-29.01	Peak	278.00	150	Vertical	N/A
3**	2435.500	99.38	-12.31	54.0	-45.38	AV	278.00	150	Vertical	N/A
4	4874.500	48.08	-2.25	74.0	25.92	Peak	11.00	150	Vertical	Pass
4**	4874.500	41.42	-2.25	54.0	12.58	AV	11.00	150	Vertical	Pass
5	7935.000	54.27	2.06	74.0	19.73	Peak	130.00	150	Vertical	Pass
5**	7935.000	43.61	2.06	54.0	10.39	AV	130.00	150	Vertical	Pass
6	14100.000	48.99	-1.50	74.0	25.01	Peak	209.00	150	Vertical	Pass
6**	14100.000	37.94	-1.50	54.0	16.06	AV	209.00	150	Vertical	Pass

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

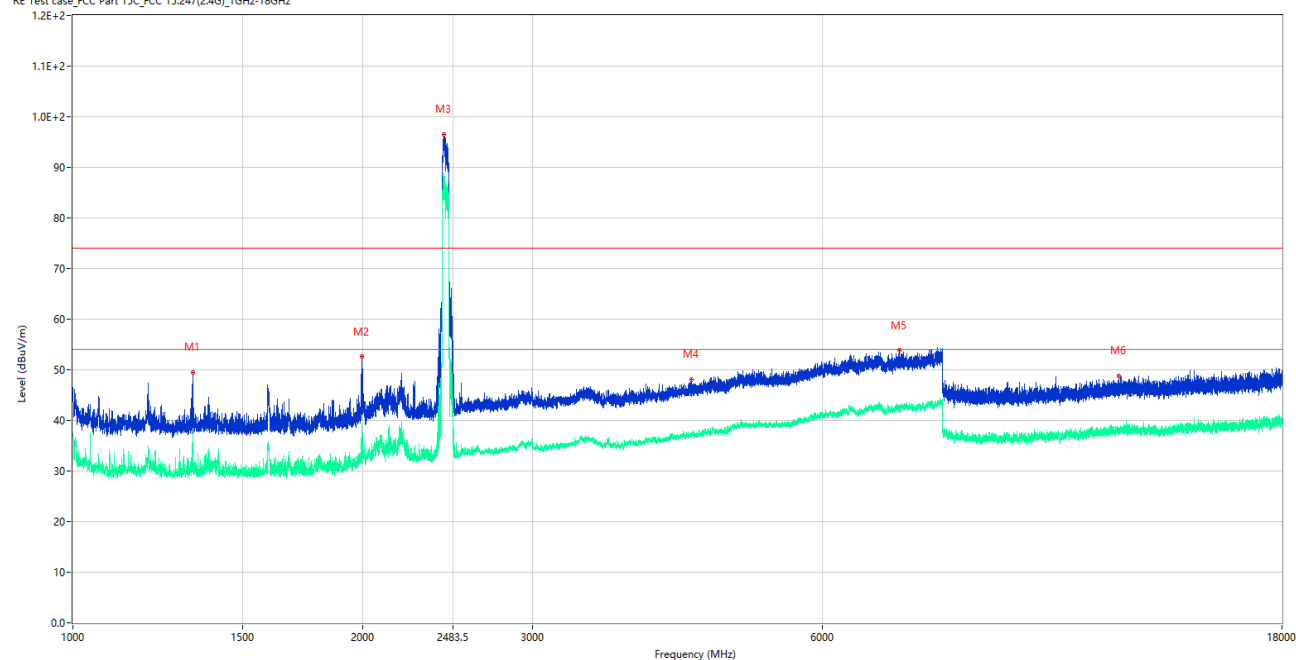
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.250	46.49	-15.95	74.0	27.51	Peak	218.00	150	Horizontal	Pass
1**	1329.250	33.08	-15.95	54.0	20.92	AV	218.00	150	Horizontal	Pass
2	1999.000	48.72	-14.34	74.0	25.28	Peak	360.00	150	Horizontal	Pass
2**	1999.000	35.73	-14.34	54.0	18.27	AV	360.00	150	Horizontal	Pass
3	2437.000	104.35	-12.37	74.0	-30.35	Peak	142.00	150	Horizontal	N/A
3**	2437.000	99.20	-12.37	54.0	-45.20	AV	142.00	150	Horizontal	N/A
4	4562.500	48.72	-2.74	74.0	25.28	Peak	298.00	150	Horizontal	Pass
4**	4562.500	37.61	-2.74	54.0	16.39	AV	298.00	150	Horizontal	Pass
5	7955.000	55.45	2.24	74.0	18.55	Peak	298.00	150	Horizontal	Pass
5**	7955.000	43.24	2.24	54.0	10.76	AV	298.00	150	Horizontal	Pass
6	12583.000	48.75	-2.55	74.0	25.25	Peak	235.00	150	Horizontal	Pass
6**	12583.000	38.92	-2.55	54.0	15.08	AV	235.00	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	1333.250	49.56	-16.02	74.0	24.44	Peak	291.00	150	Vertical	Pass
1**	1333.250	31.57	-16.02	54.0	22.43	AV	291.00	150	Vertical	Pass
2	1996.750	52.55	-14.46	74.0	21.45	Peak	325.00	150	Vertical	Pass
2**	1996.750	33.86	-14.46	54.0	20.14	AV	325.00	150	Vertical	Pass
3	2427.000	96.55	-12.28	74.0	-22.55	Peak	272.00	150	Vertical	N/A
3**	2427.000	88.05	-12.28	54.0	-34.05	AV	272.00	150	Vertical	N/A
4	4391.500	47.99	-3.49	74.0	26.01	Peak	112.00	150	Vertical	Pass
4**	4391.500	36.98	-3.49	54.0	17.02	AV	112.00	150	Vertical	Pass
5	7205.000	53.90	0.79	74.0	20.10	Peak	356.00	150	Vertical	Pass
5**	7205.000	42.56	0.79	54.0	11.44	AV	356.00	150	Vertical	Pass
6	12180.000	48.84	-2.77	74.0	25.16	Peak	0.00	150	Vertical	Pass
6**	12180.000	37.54	-2.77	54.0	16.46	AV	0.00	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.

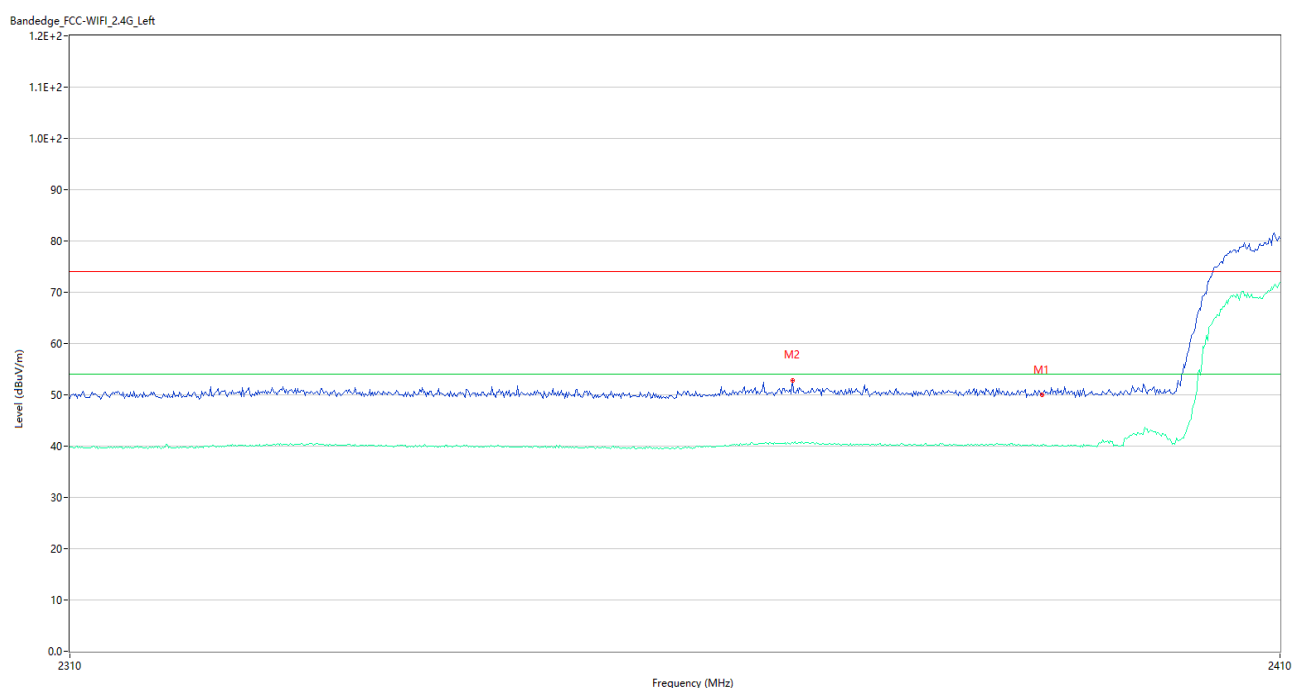
Note 2: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

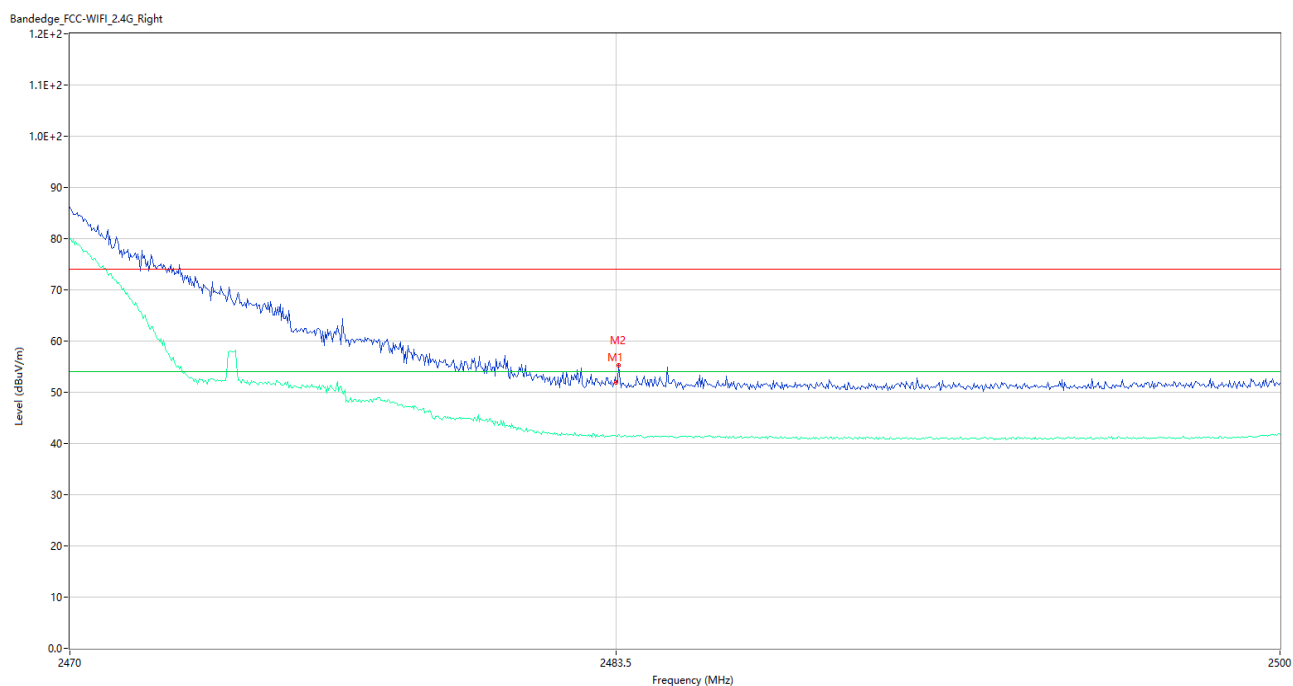
Test Data and Plots

802.11b LOW CHANNEL



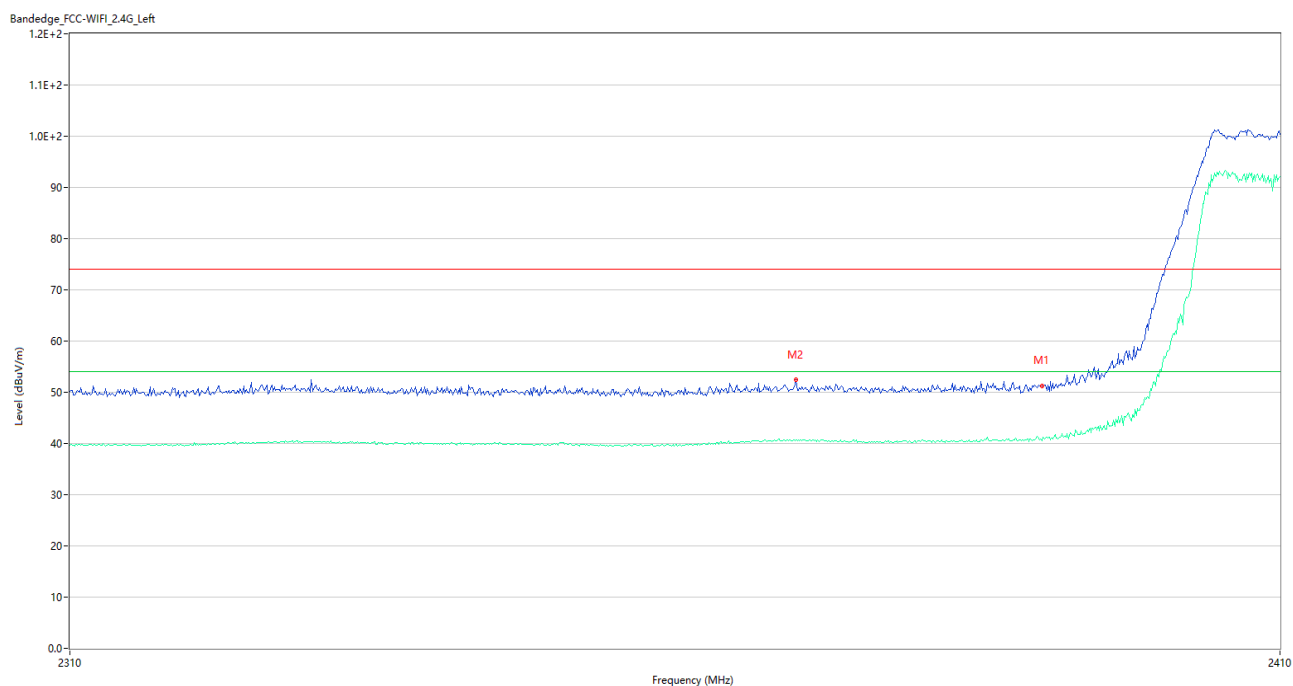
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
vv	2390.000	50.65	-4.87	74.0	23.35	Peak	320.81	100	Vertical	Pass
1**	2390.000	41.10	-4.87	54.0	12.90	AV	320.81	100	Vertical	Pass
2	2385.400	53.59	-4.61	74.0	20.41	Peak	233.00	100	Vertical	Pass
2**	2385.400	43.17	-4.61	54.0	10.83	AV	233.00	100	Vertical	Pass

802.11b HIGH CHANNEL



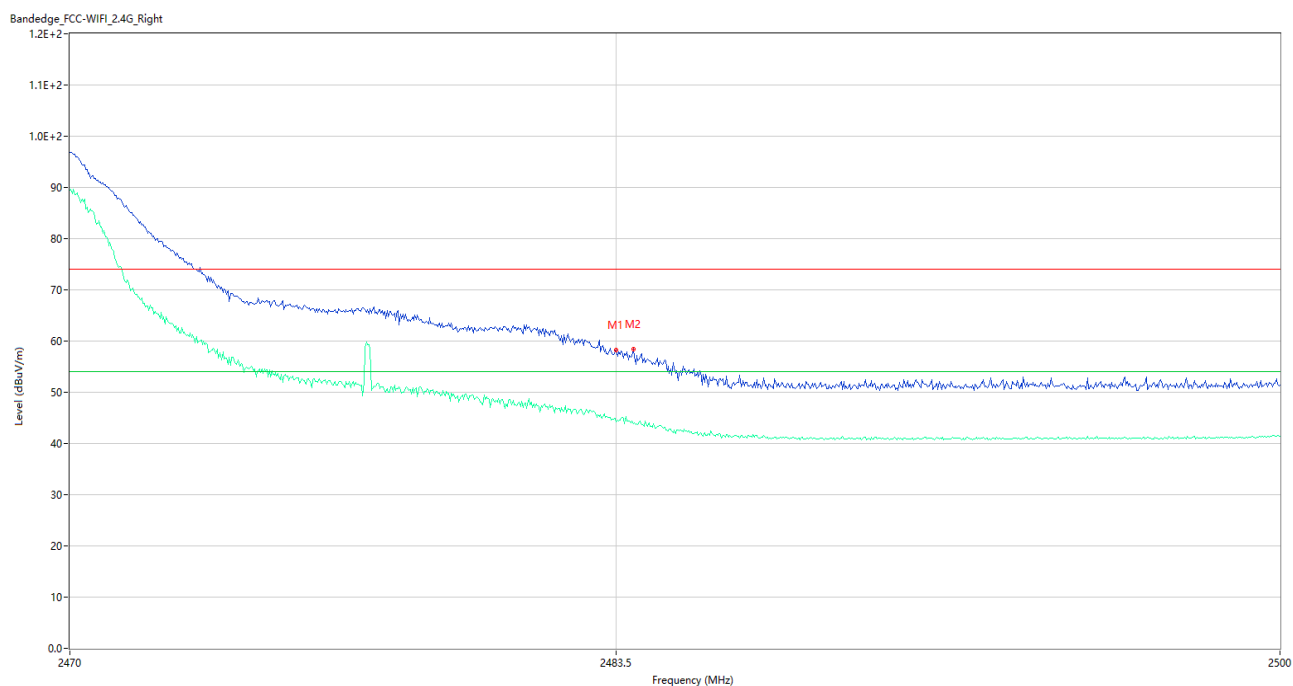
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	51.85	-3.78	74.0	22.15	Peak	203.00	150	Horizontal	Pass
1**	2483.500	41.38	-3.78	54.0	12.62	AV	203.00	150	Horizontal	Pass
2	2483.560	55.25	-3.78	74.0	18.75	Peak	49.00	150	Horizontal	Pass
2**	2483.560	41.73	-3.78	54.0	12.27	AV	49.00	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	51.24	-4.87	74.0	22.76	Peak	301.68	150	Horizontal	Pass
1**	2390.000	40.52	-4.87	54.0	13.48	AV	301.68	150	Horizontal	Pass
2	2369.500	52.49	-4.06	74.0	21.51	Peak	360.00	150	Horizontal	Pass
2**	2369.500	40.78	-4.06	54.0	13.22	AV	360.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



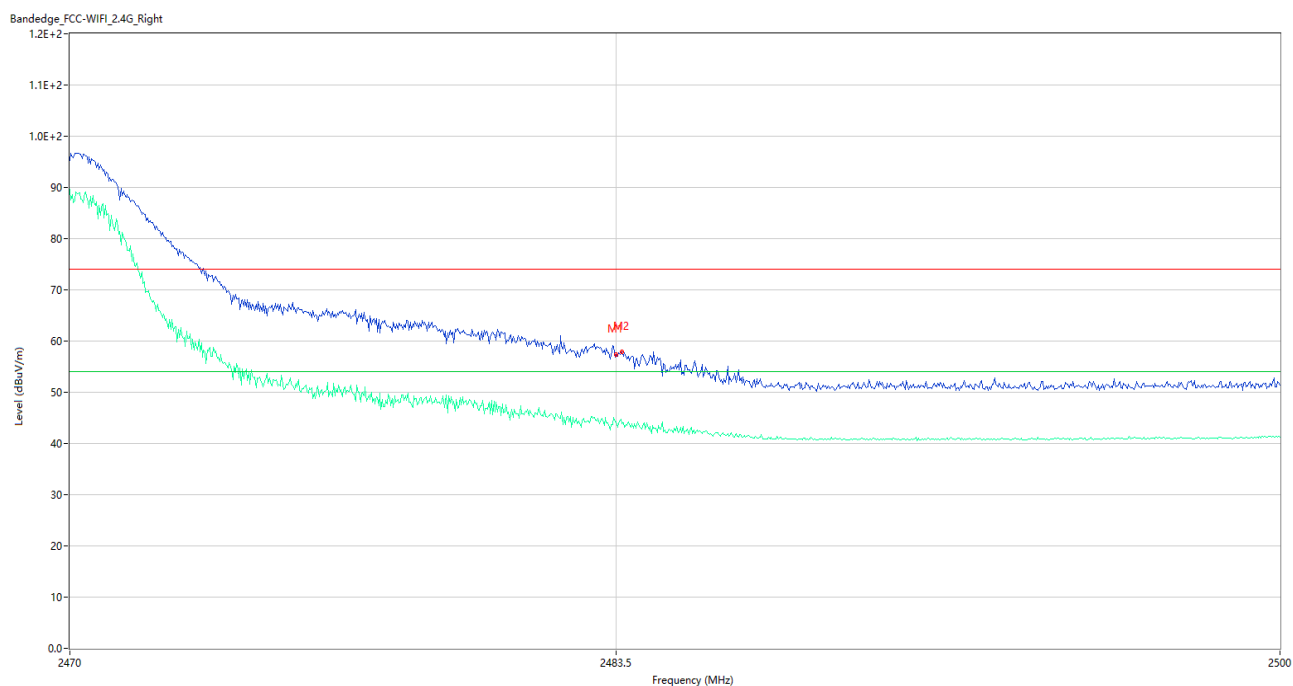
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.32	-3.78	74.0	15.68	Peak	133.00	150	Horizontal	Pass
1**	2483.500	44.27	-3.78	54.0	9.73	AV	133.00	150	Horizontal	Pass
2	2483.920	58.35	-3.78	74.0	15.65	Peak	136.00	150	Horizontal	Pass
2**	2483.920	43.84	-3.78	54.0	10.16	AV	136.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



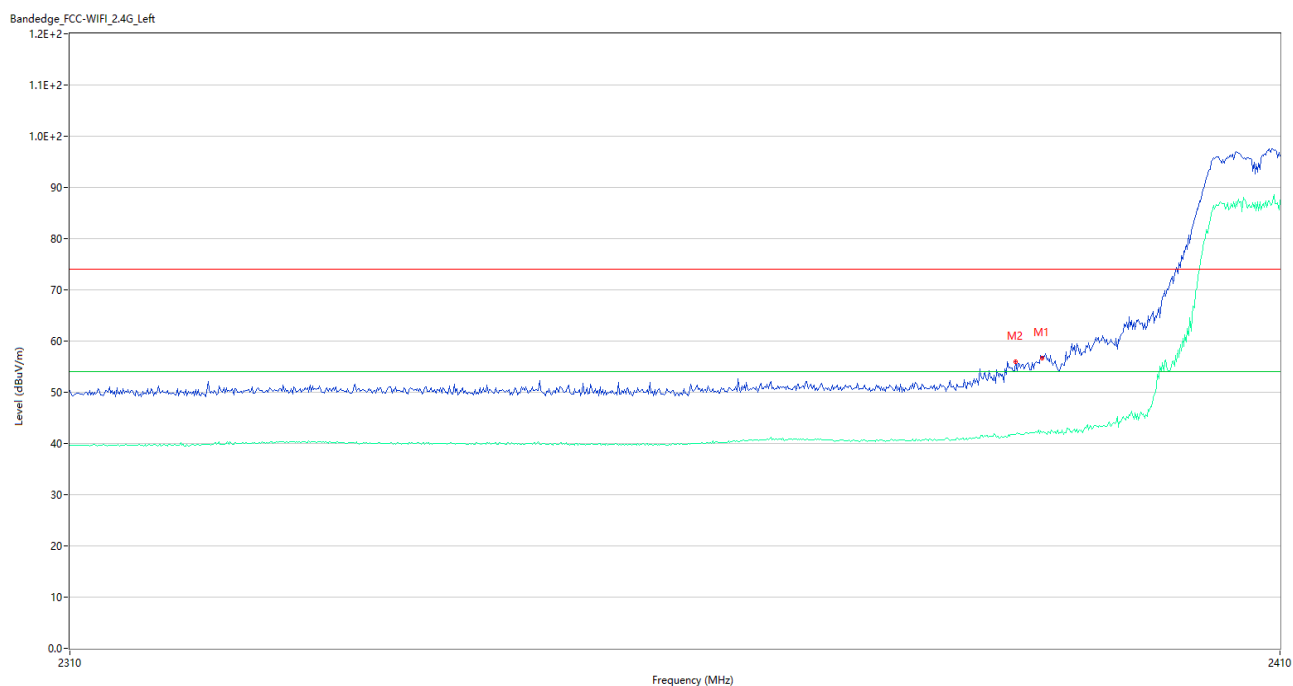
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.40	-4.87	74.0	22.60	Peak	240.00	150	Horizontal	Pass
1**	2390.000	41.05	-4.87	54.0	12.95	AV	240.00	150	Horizontal	Pass
2	2379.400	52.94	-4.30	74.0	21.06	Peak	252.00	150	Horizontal	Pass
2**	2379.400	40.25	-4.30	54.0	13.75	AV	252.00	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	57.37	-3.78	74.0	16.63	Peak	136.00	150	Horizontal	Pass
1**	2483.500	44.26	-3.78	54.0	9.74	AV	136.00	150	Horizontal	Pass
2	2483.650	57.83	-3.78	74.0	16.17	Peak	136.00	150	Horizontal	Pass
2**	2483.650	43.78	-3.78	54.0	10.22	AV	136.00	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	56.67	-4.87	74.0	17.33	Peak	127.14	150	Horizontal	Pass
1**	2390.000	42.15	-4.87	54.0	11.85	AV	127.14	150	Horizontal	Pass
2	2387.800	55.97	-4.75	74.0	18.03	Peak	131.00	150	Horizontal	Pass
2**	2387.800	41.69	-4.75	54.0	12.31	AV	131.00	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	60.57	-3.78	74.0	13.43	Peak	236.00	150	Horizontal	Pass
1**	2483.500	45.16	-3.78	54.0	8.84	AV	236.00	150	Horizontal	Pass
2	2485.360	66.54	-3.78	74.0	7.46	Peak	135.00	150	Horizontal	Pass
2**	2485.360	47.16	-3.78	54.0	6.84	AV	135.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.51	8
Middle	-9.36	8
High	-8.51	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.11	8
Middle	-15.07	8
High	-14.71	8

802.11n-20 MHz Mode:

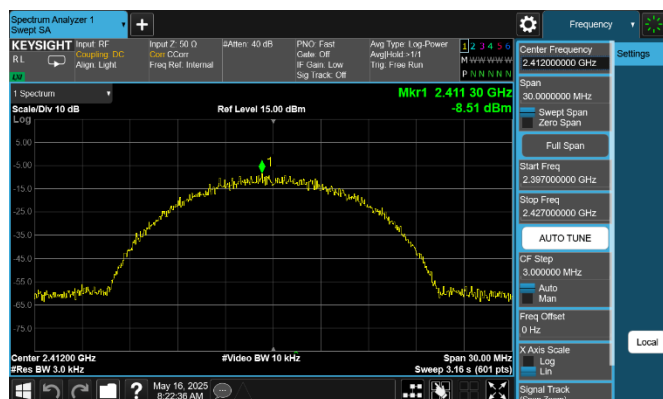
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.90	8
Middle	-15.39	8
High	-15.49	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-19.65	8
Middle	-20.70	8
High	-19.24	8

Test Plots

802.11b LOW CHANNEL



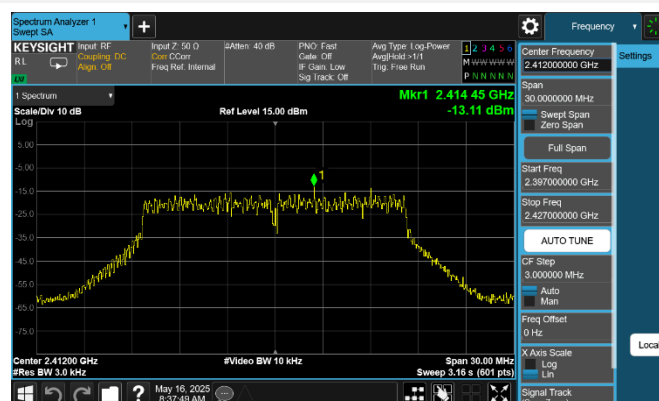
802.11b MIDDLE CHANNEL



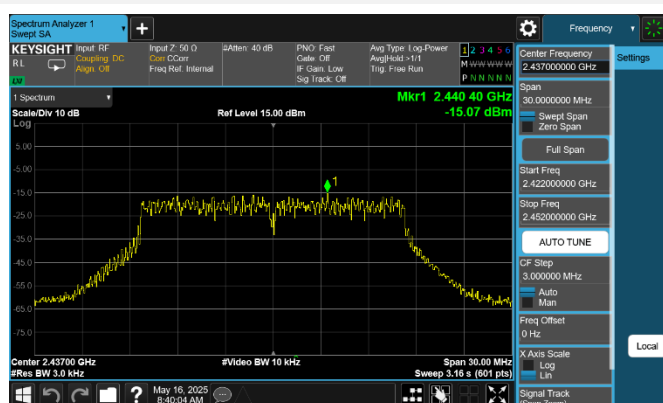
802.11b HIGH CHANNEL



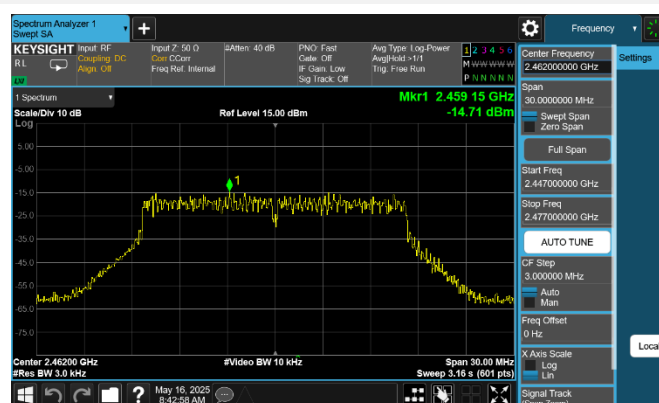
802.11g LOW CHANNEL



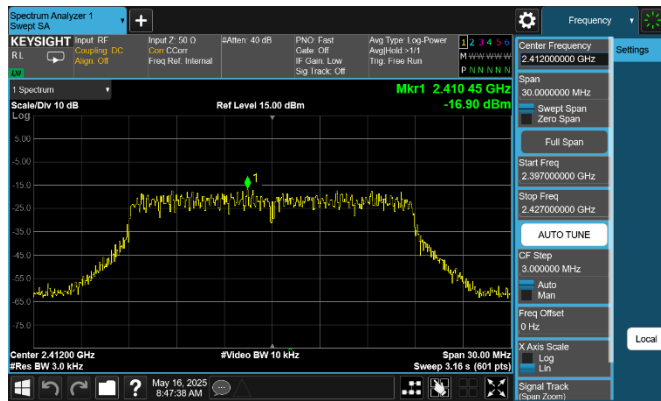
802.11g MIDDLE CHANNEL



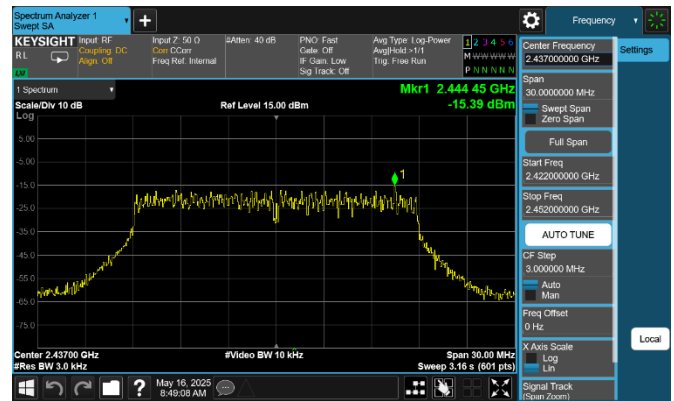
802.11g HIGH CHANNEL



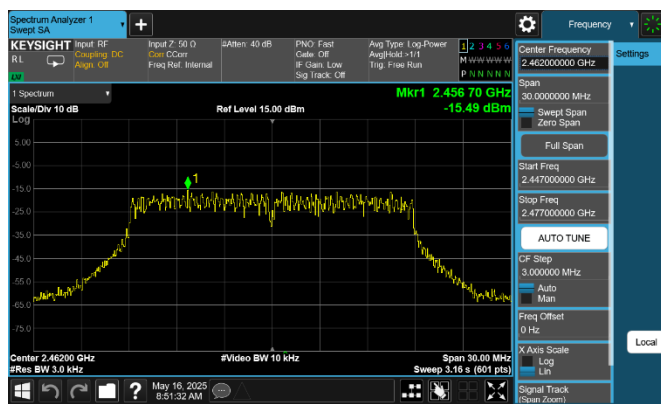
802.11n-20 MHz LOW CHANNEL



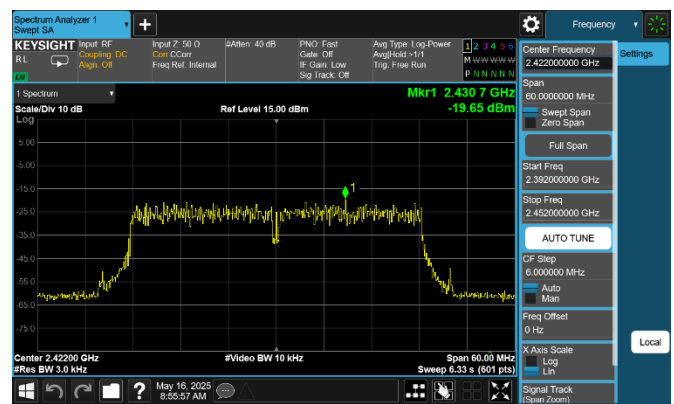
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



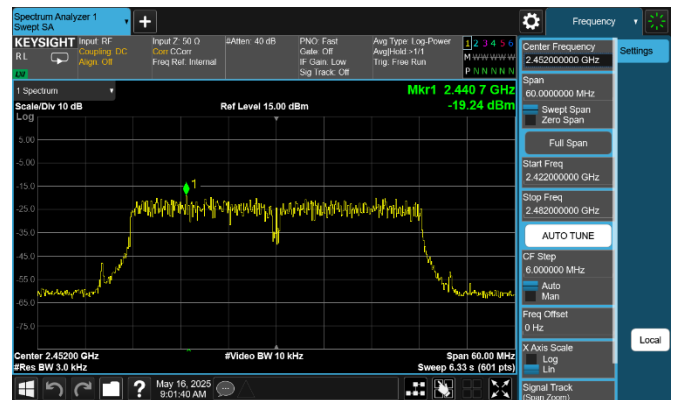
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2541550-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2541550-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2541550-AI.PDF”.

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2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
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--END OF REPORT--