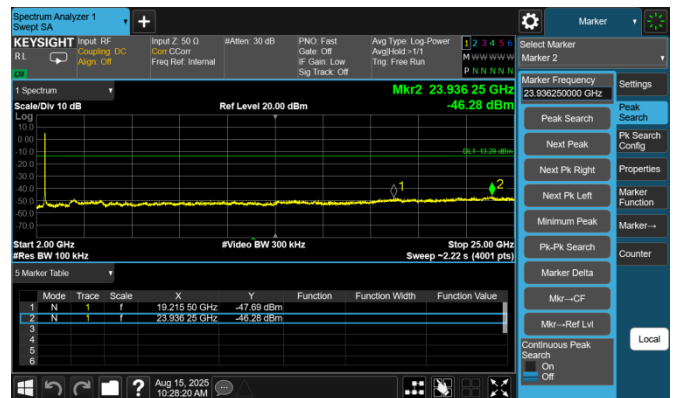
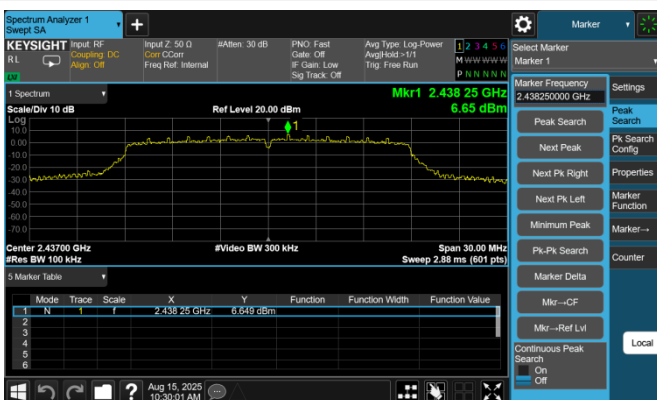


802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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



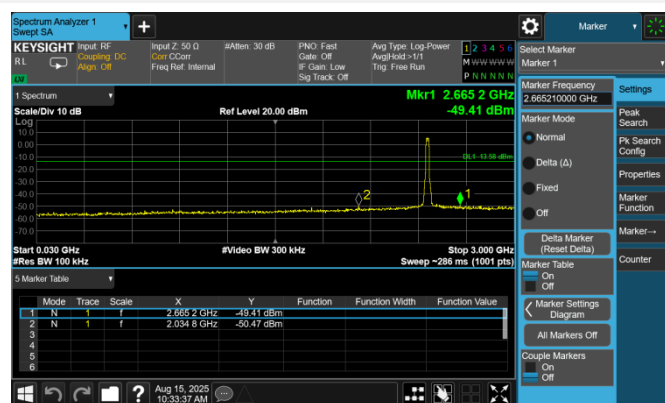
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



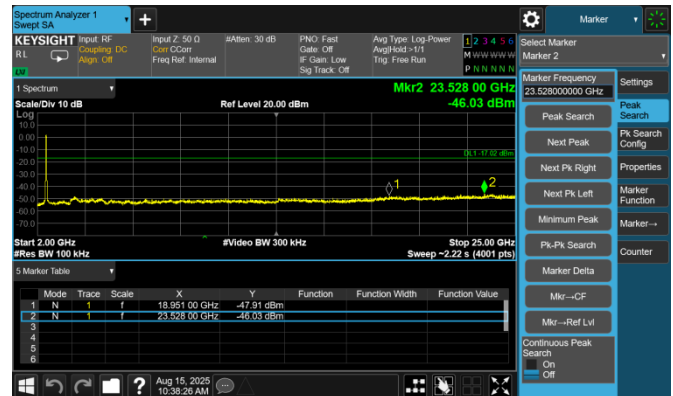
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



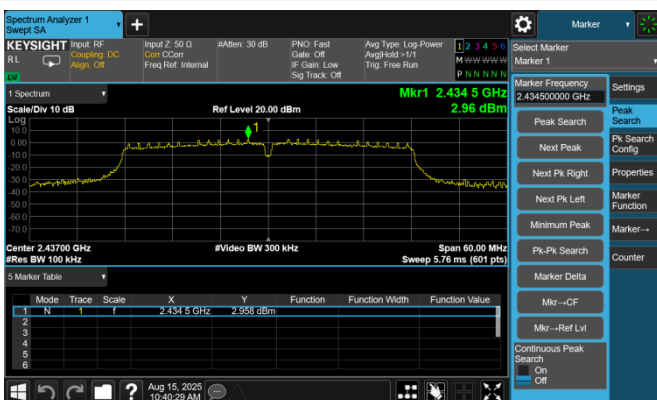
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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

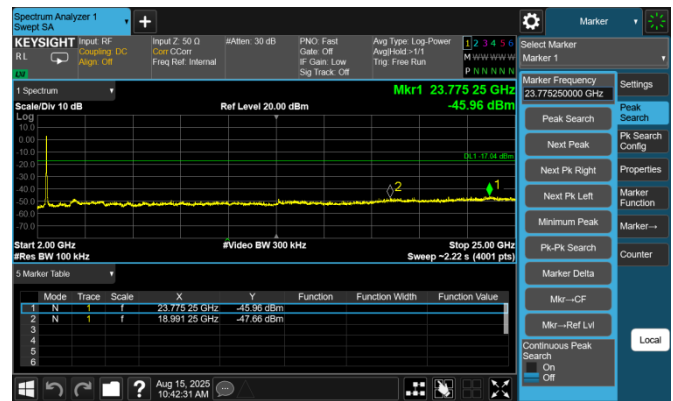
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



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



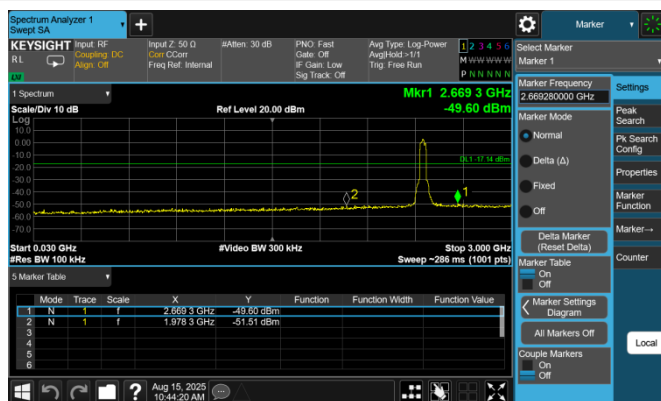
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



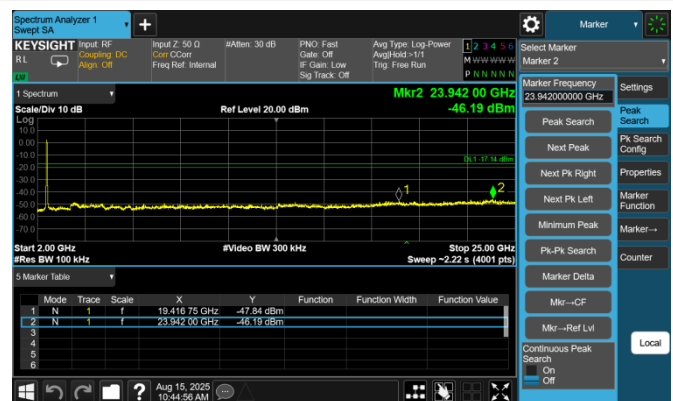
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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	-35.09	10.74	-9.26	Pass
High	-48.32	10.81	-9.19	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-25.30	6.79	-13.21	Pass
High	-42.96	6.44	-13.56	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-26.28	6.71	-13.29	Pass
High	-37.79	6.42	-13.58	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-29.74	2.98	-17.02	Pass
High	-32.62	2.86	-17.14	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



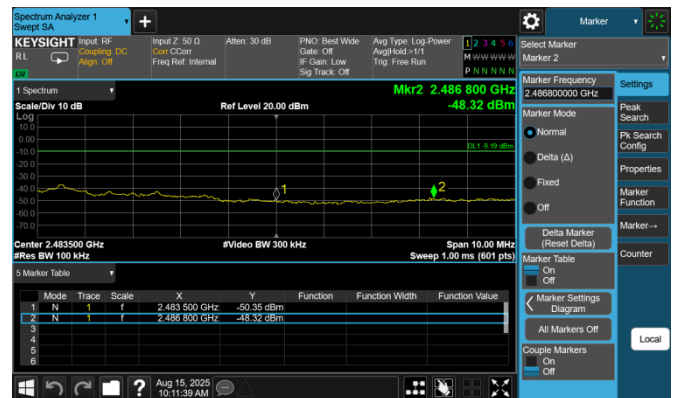
802.11b LOW CHANNEL, BAND EDGE



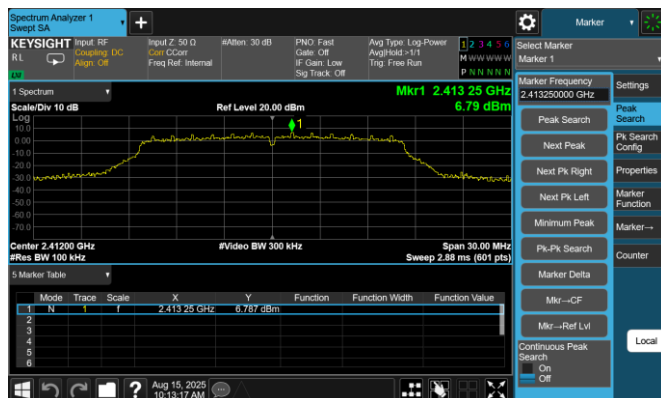
802.11b HIGH CHANNEL, CARRIER LEVEL



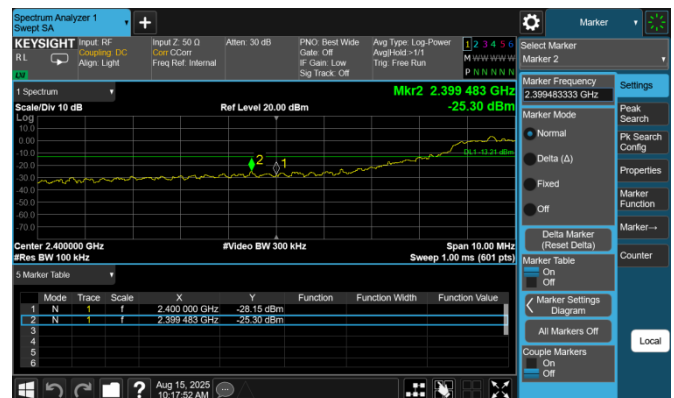
802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



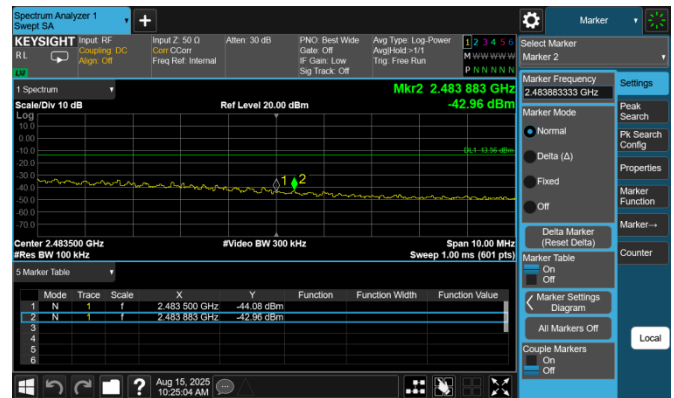
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



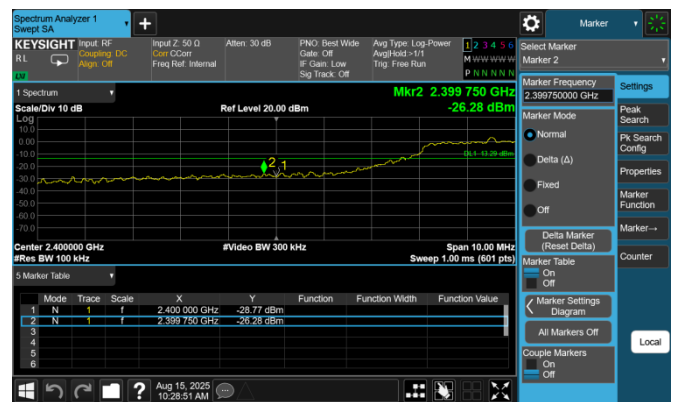
802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



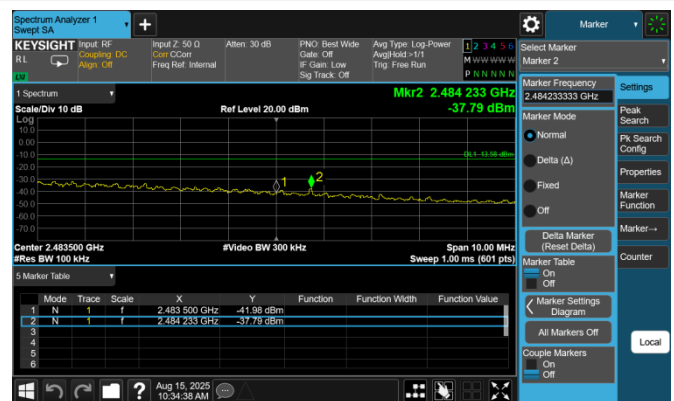
802.11n-20 MHz LOW CHANNEL, BAND EDGE



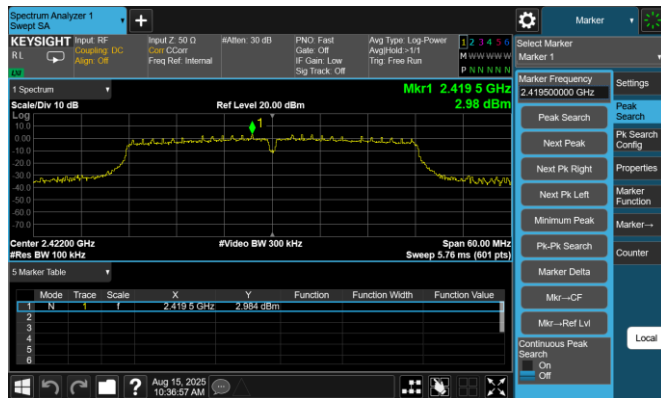
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



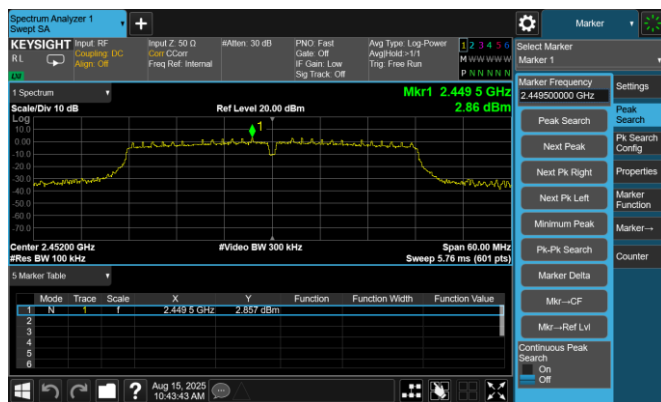
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



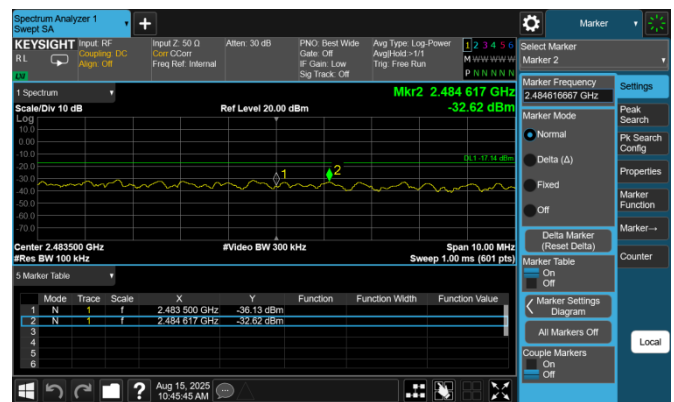
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emission

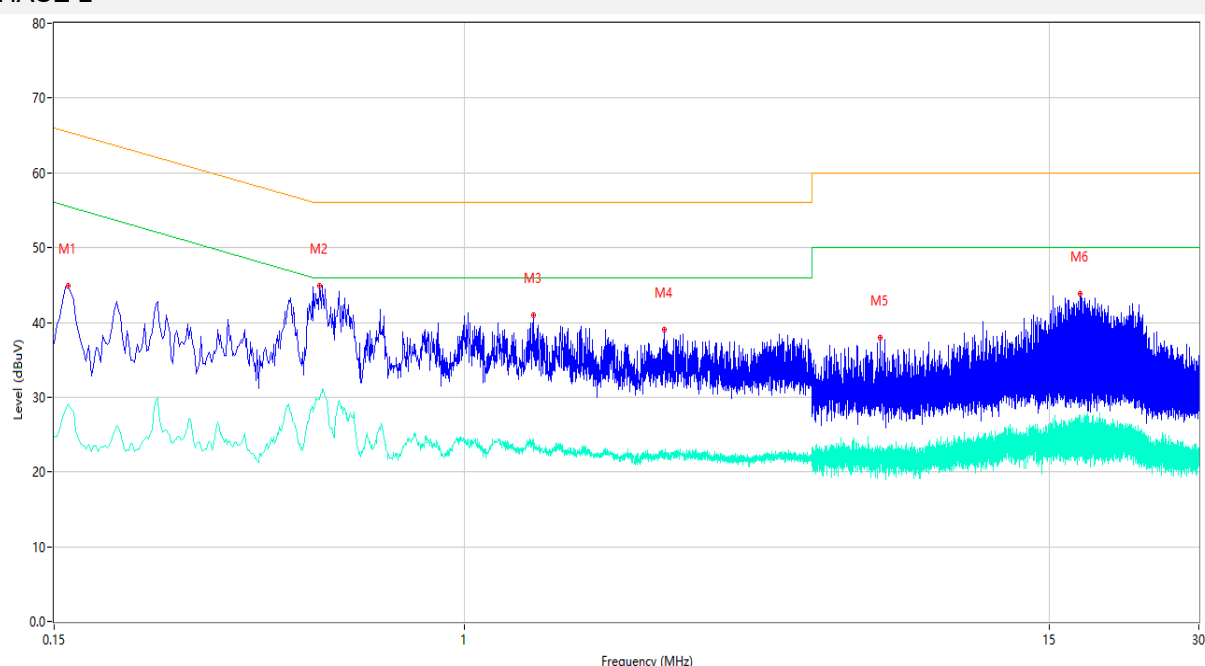
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

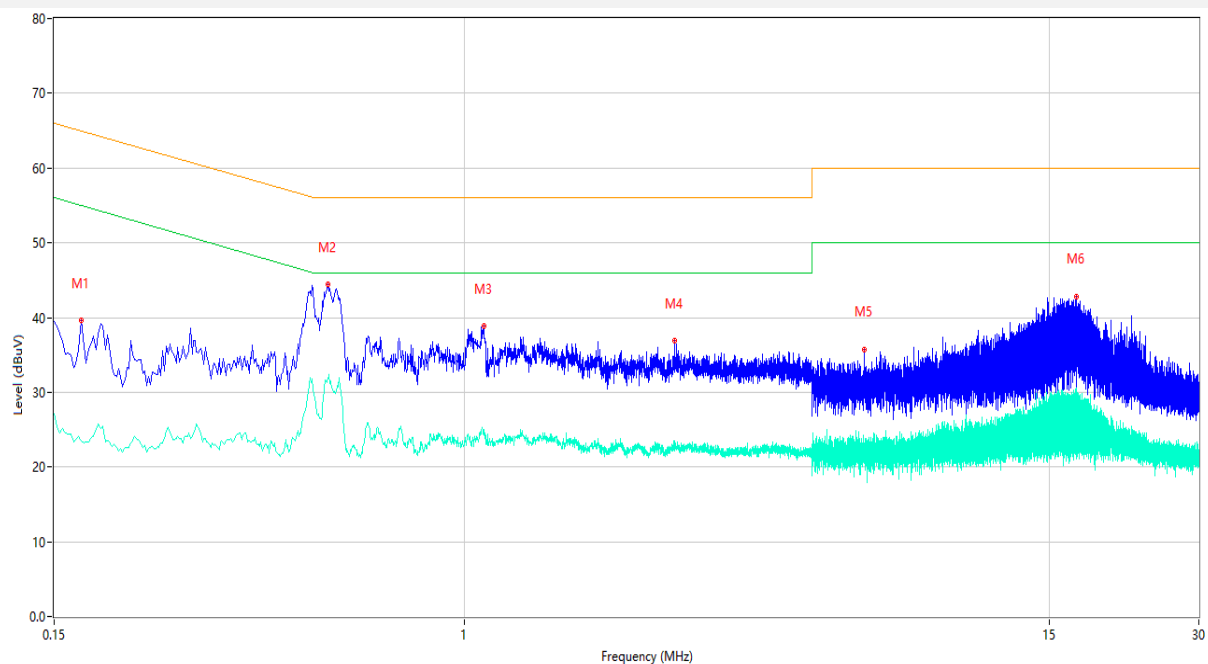
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.160	44.89	10.07	65.46	20.57	Peak	L	Pass
1**	0.160	29.15	10.07	55.46	26.31	AV	L	Pass
2	0.512	44.93	10.16	56.00	11.07	Peak	L	Pass
2**	0.512	29.71	10.16	46.00	16.29	AV	L	Pass
3	1.382	40.93	10.25	56.00	15.07	Peak	L	Pass
3**	1.382	23.82	10.25	46.00	22.18	AV	L	Pass
4	2.526	39.07	10.37	56.00	16.93	Peak	L	Pass
4**	2.526	22.59	10.37	46.00	23.41	AV	L	Pass
5	6.856	37.91	10.70	60.00	22.09	Peak	L	Pass
5**	6.856	23.48	10.70	50.00	26.52	AV	L	Pass
6	17.336	43.78	11.19	60.00	16.22	Peak	L	Pass
6**	17.336	26.03	11.19	50.00	23.97	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.170	39.61	10.15	64.96	25.35	Peak	N	Pass
1**	0.170	23.56	10.15	54.96	31.40	AV	N	Pass
2	0.532	44.47	10.18	56.00	11.53	Peak	N	Pass
2**	0.532	31.90	10.18	46.00	14.10	AV	N	Pass
3	1.096	38.80	10.25	56.00	17.20	Peak	N	Pass
3**	1.096	25.04	10.25	46.00	20.96	AV	N	Pass
4	2.650	36.89	10.28	56.00	19.11	Peak	N	Pass
4**	2.650	23.56	10.28	46.00	22.44	AV	N	Pass
5	6.366	35.76	10.56	60.00	24.24	Peak	N	Pass
5**	6.366	22.80	10.56	50.00	27.20	AV	N	Pass
6	17.008	42.85	11.23	60.00	17.15	Peak	N	Pass
6**	17.008	27.85	11.23	50.00	22.15	AV	N	Pass

A.6 Radiated Emission

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

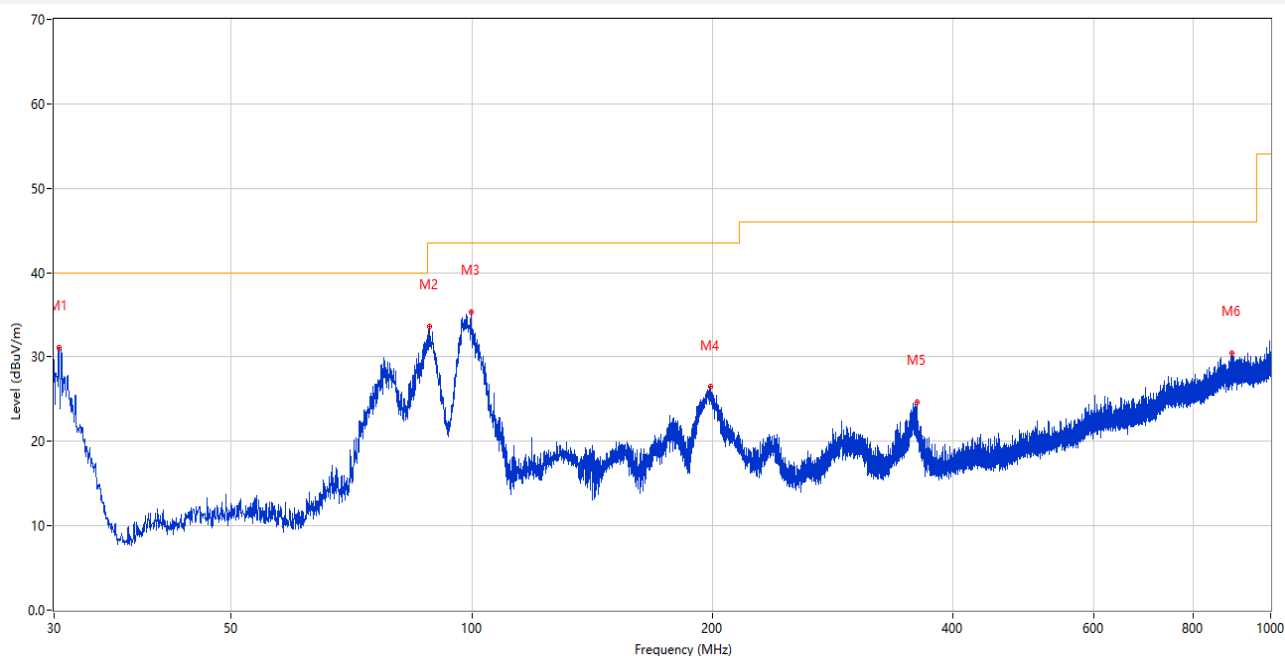
Note 2: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

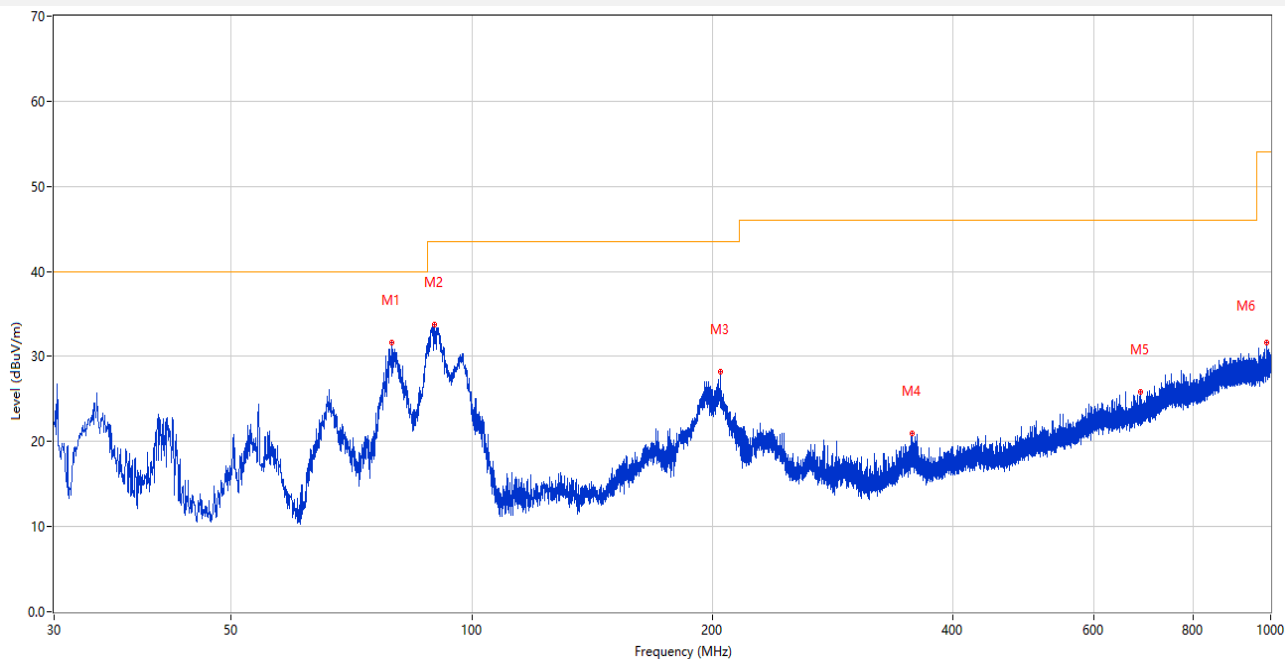
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.436	31.13	-28.97	40.0	8.87	Peak	2.00	100	Horizontal	Pass
2	88.539	33.63	-28.52	43.5	9.87	Peak	190.00	200	Horizontal	Pass
3	99.888	35.37	-26.12	43.5	8.13	Peak	203.00	200	Horizontal	Pass
4	198.780	26.44	-25.69	43.5	17.06	Peak	69.00	100	Horizontal	Pass
5	361.110	24.64	-21.79	46.0	21.36	Peak	86.00	100	Horizontal	Pass
6	895.531	30.40	-9.48	46.0	15.60	Peak	331.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	79.470	31.64	-30.97	40.0	8.36	Peak	332.00	100	Vertical	Pass
2	89.897	33.81	-28.07	43.5	9.69	Peak	74.00	100	Vertical	Pass
3	204.648	28.25	-26.31	43.5	15.25	Peak	161.00	100	Vertical	Pass
4	355.386	20.95	-21.72	46.0	25.05	Peak	50.00	100	Vertical	Pass
5	687.272	25.88	-13.93	46.0	20.12	Peak	88.00	200	Vertical	Pass
6	989.961	31.58	-8.34	54.0	22.42	Peak	270.00	100	Vertical	Pass

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

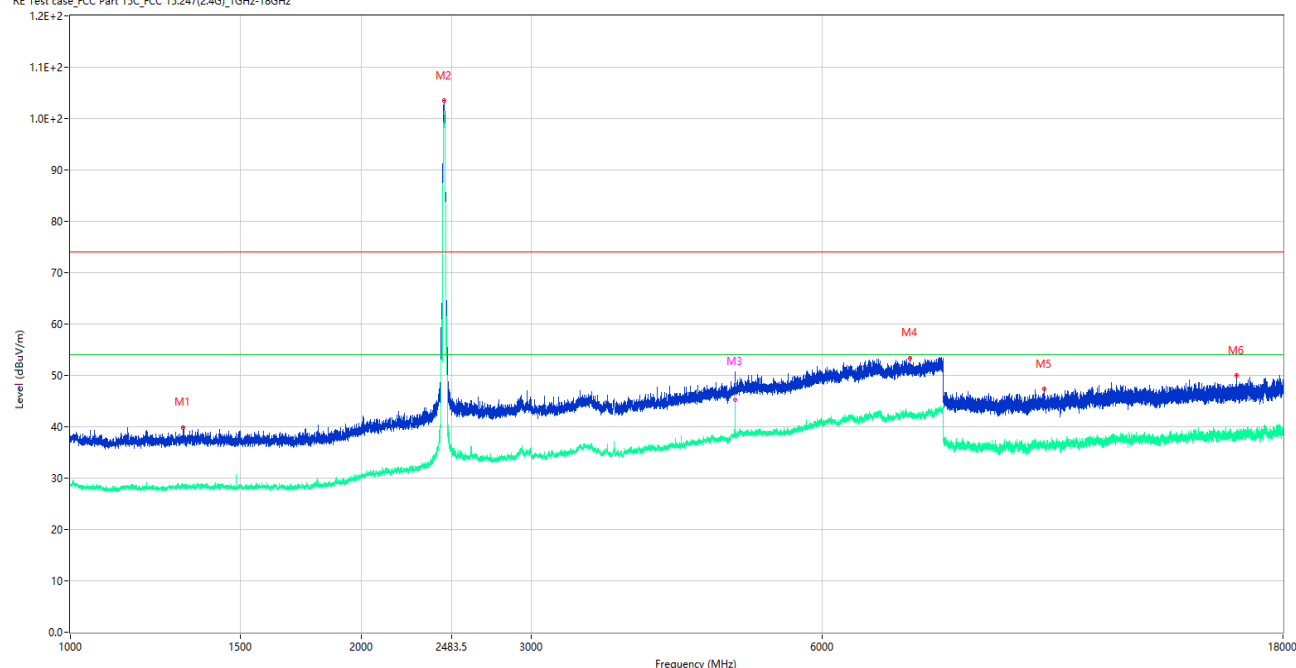
Note 2: The spurious above 18G is noise only, do not show on the report.

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

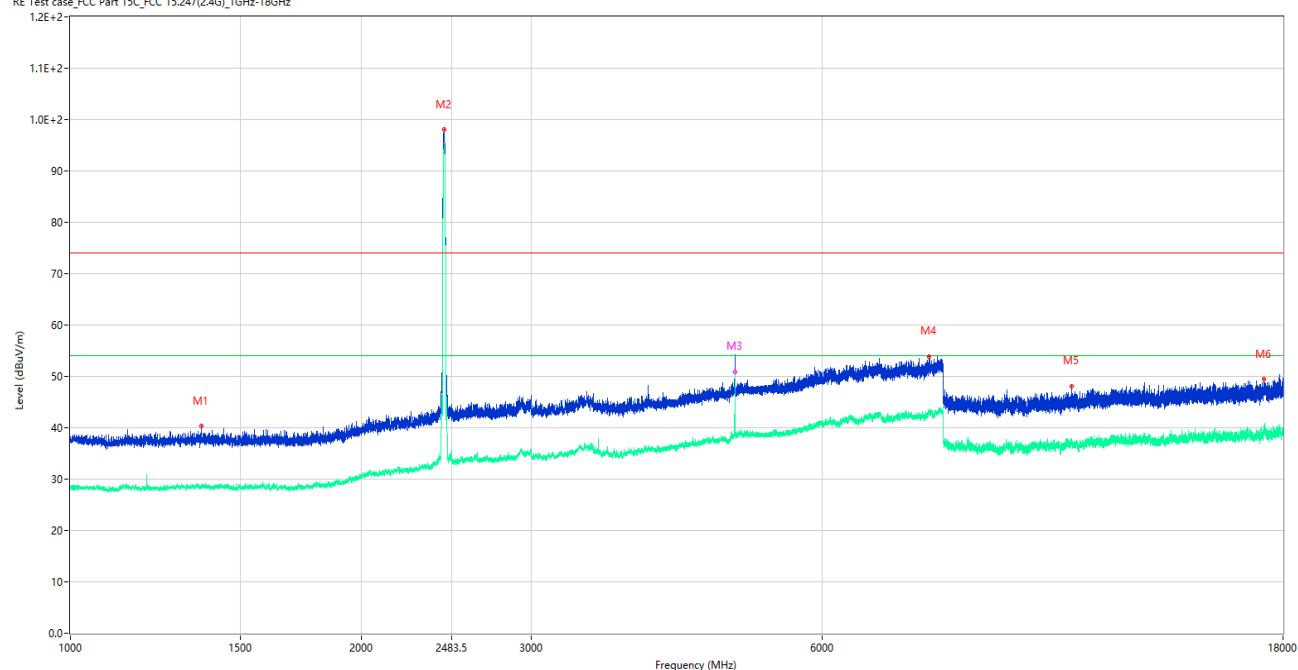
RE Test case FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1308.500	39.85	-15.69	74.0	34.15	Peak	3.00	150	Horizontal	Pass
1**	1308.500	28.39	-15.69	54.0	25.61	AV	3.00	150	Horizontal	Pass
2	2438.250	103.49	-12.38	74.0	-29.49	Peak	27.00	150	Horizontal	N/A
2**	2438.250	100.64	-12.38	54.0	-46.64	AV	27.00	150	Horizontal	N/A
3	4874.500	49.51	-2.25	74.0	24.49	Peak	119.00	150	Horizontal	Pass
3**	4874.500	45.35	-2.25	54.0	8.65	AV	119.00	150	Horizontal	Pass
4	7406.000	53.39	0.76	74.0	20.61	Peak	272.00	150	Horizontal	Pass
4**	7406.000	42.22	0.76	54.0	11.78	AV	272.00	150	Horizontal	Pass
5	10194.500	47.29	-3.44	74.0	26.71	Peak	124.00	150	Horizontal	Pass
5**	10194.500	36.40	-3.44	54.0	17.60	AV	124.00	150	Horizontal	Pass
6	16102.500	49.97	-1.35	74.0	24.03	Peak	124.00	150	Horizontal	Pass
6**	16102.500	38.18	-1.35	54.0	15.82	AV	124.00	150	Horizontal	Pass

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

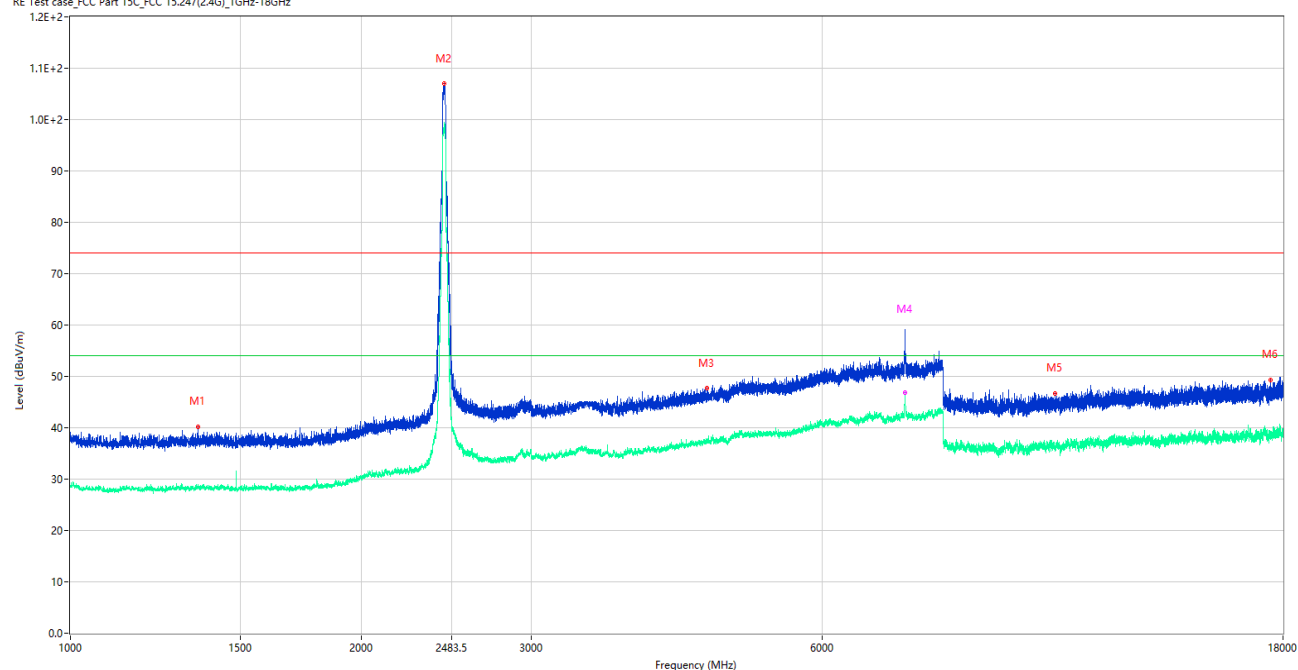
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1367.000	40.29	-15.86	74.0	33.71	Peak	237.00	150	Vertical	Pass
1**	1367.000	28.53	-15.86	54.0	25.47	AV	237.00	150	Vertical	Pass
2	2438.250	98.02	-12.38	74.0	-24.02	Peak	114.00	150	Vertical	N/A
2**	2438.250	95.22	-12.38	54.0	-41.22	AV	114.00	150	Vertical	N/A
3	4874.500	53.76	-2.25	74.0	20.24	Peak	107.00	150	Vertical	Pass
3**	4874.500	50.91	-2.25	54.0	3.09	AV	107.00	150	Vertical	Pass
4	7740.000	53.90	1.36	74.0	20.10	Peak	328.00	150	Vertical	Pass
4**	7740.000	43.15	1.36	54.0	10.85	AV	328.00	150	Vertical	Pass
5	10880.500	48.13	-3.24	74.0	25.87	Peak	123.00	150	Vertical	Pass
5**	10880.500	36.77	-3.24	54.0	17.23	AV	123.00	150	Vertical	Pass
6	17204.500	49.39	0.12	74.0	24.61	Peak	347.00	150	Vertical	Pass
6**	17204.500	39.35	0.12	54.0	14.65	AV	347.00	150	Vertical	Pass

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

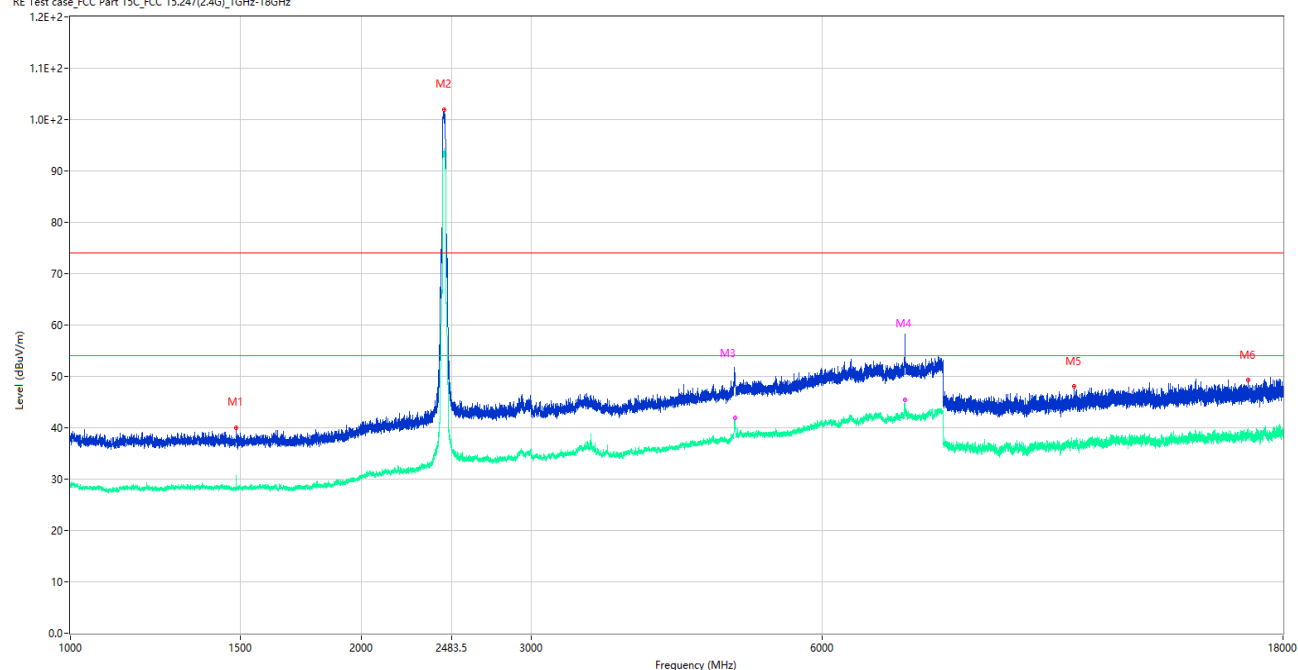
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1356.250	40.19	-15.83	74.0	33.81	Peak	105.00	150	Horizontal	Pass
1**	1356.250	28.41	-15.83	54.0	25.59	AV	105.00	150	Horizontal	Pass
2	2438.000	106.94	-12.38	74.0	-32.94	Peak	37.00	150	Horizontal	N/A
2**	2438.000	98.78	-12.38	54.0	-44.78	AV	37.00	150	Horizontal	N/A
3	4556.500	47.71	-2.81	74.0	26.29	Peak	155.00	150	Horizontal	Pass
3**	4556.500	37.37	-2.81	54.0	16.63	AV	155.00	150	Horizontal	Pass
4	7316.500	52.89	0.68	74.0	21.11	Peak	233.00	150	Horizontal	Pass
4**	7316.500	46.78	0.68	54.0	7.22	AV	233.00	150	Horizontal	Pass
5	10448.500	46.68	-3.32	74.0	27.32	Peak	349.00	150	Horizontal	Pass
5**	10448.500	36.01	-3.32	54.0	17.99	AV	349.00	150	Horizontal	Pass
6	17474.501	49.23	0.26	74.0	24.77	Peak	322.00	150	Horizontal	Pass
6**	17474.501	38.64	0.26	54.0	15.36	AV	322.00	150	Horizontal	Pass

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

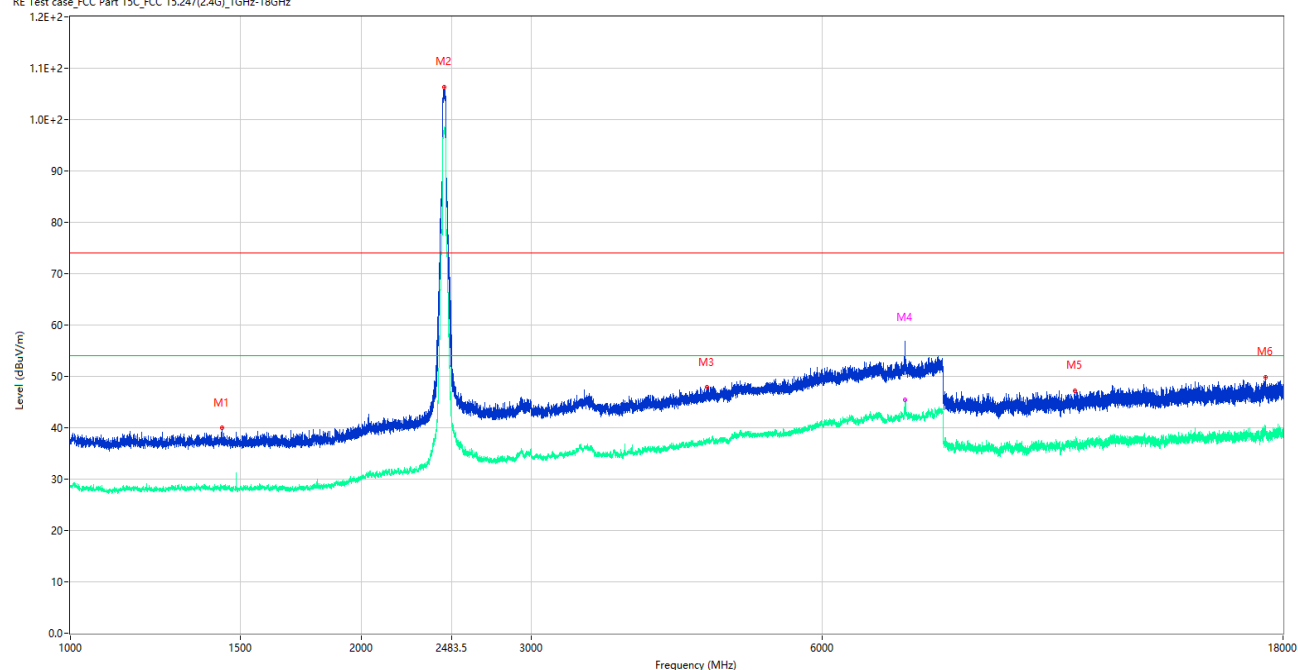
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.500	40.07	-16.29	74.0	33.93	Peak	144.00	150	Vertical	Pass
1**	1485.500	30.14	-16.29	54.0	23.86	AV	144.00	150	Vertical	Pass
2	2435.500	102.01	-12.31	74.0	-28.01	Peak	123.00	150	Vertical	N/A
2**	2435.500	93.88	-12.31	54.0	-39.88	AV	123.00	150	Vertical	N/A
3	4874.500	49.37	-2.25	74.0	24.63	Peak	3.00	150	Vertical	Pass
3**	4874.500	41.92	-2.25	54.0	12.08	AV	3.00	150	Vertical	Pass
4	7306.000	53.38	0.50	74.0	20.62	Peak	41.00	150	Vertical	Pass
4**	7306.000	45.51	0.50	54.0	8.49	AV	41.00	150	Vertical	Pass
5	10941.000	48.00	-3.27	74.0	26.00	Peak	323.00	150	Vertical	Pass
5**	10941.000	36.35	-3.27	54.0	17.65	AV	323.00	150	Vertical	Pass
6	16557.500	49.27	-0.91	74.0	24.73	Peak	38.00	150	Vertical	Pass
6**	16557.500	38.59	-0.91	54.0	15.41	AV	38.00	150	Vertical	Pass

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

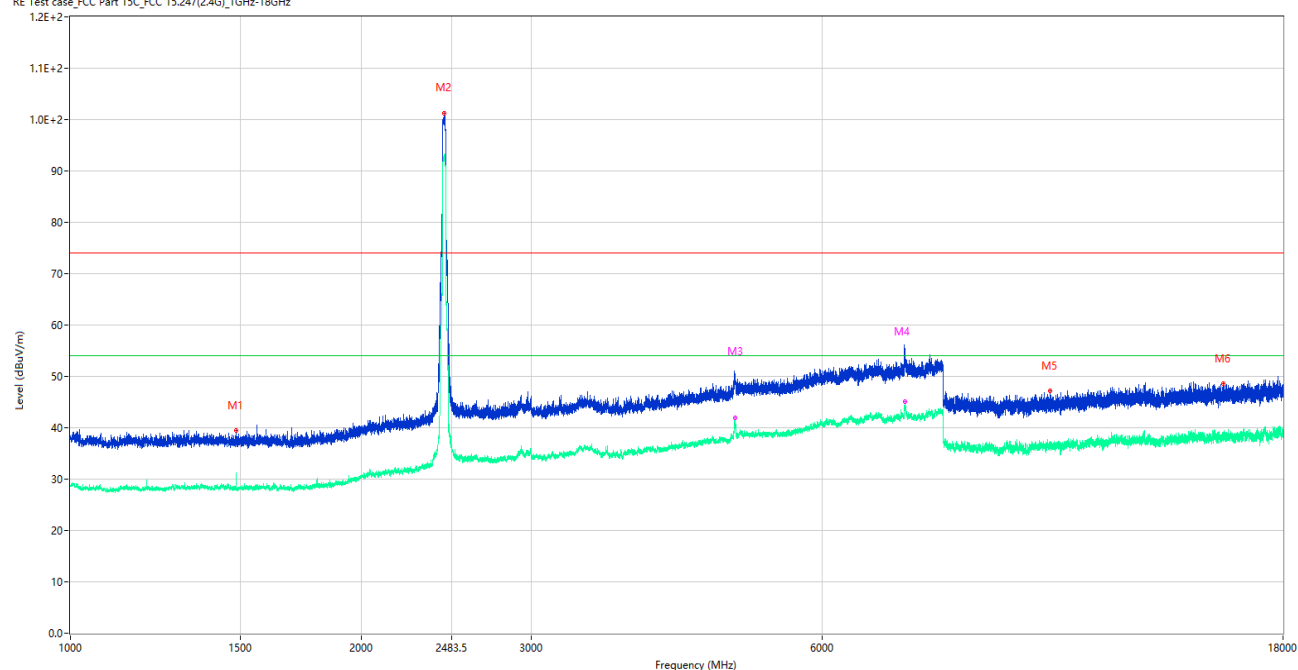
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.750	39.92	-15.98	74.0	34.08	Peak	107.00	150	Horizontal	Pass
1**	1435.750	28.63	-15.98	54.0	25.37	AV	107.00	150	Horizontal	Pass
2	2440.000	106.40	-12.37	74.0	-32.40	Peak	34.00	150	Horizontal	N/A
2**	2440.000	98.06	-12.37	54.0	-44.06	AV	34.00	150	Horizontal	N/A
3	4560.000	47.82	-2.68	74.0	26.18	Peak	118.00	150	Horizontal	Pass
3**	4560.000	37.53	-2.68	54.0	16.47	AV	118.00	150	Horizontal	Pass
4	7314.000	52.25	0.68	74.0	21.75	Peak	360.00	150	Horizontal	Pass
4**	7314.000	45.52	0.68	54.0	8.48	AV	360.00	150	Horizontal	Pass
5	10971.500	47.26	-3.13	74.0	26.74	Peak	295.00	150	Horizontal	Pass
5**	10971.500	37.02	-3.13	54.0	16.98	AV	295.00	150	Horizontal	Pass
6	17254.001	49.91	-0.91	74.0	24.09	Peak	266.00	150	Horizontal	Pass
6**	17254.001	39.23	-0.91	54.0	14.77	AV	266.00	150	Horizontal	Pass

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

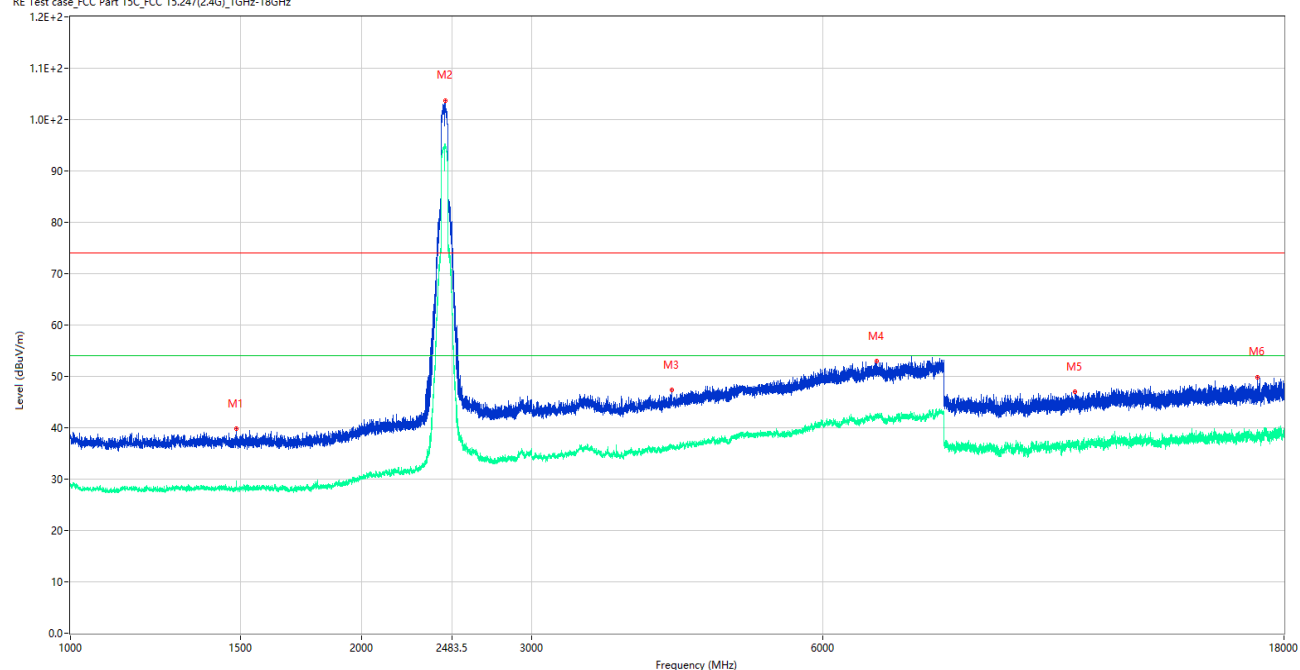
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	39.49	-16.28	74.0	34.51	Peak	88.00	150	Vertical	Pass
1**	1484.500	28.82	-16.28	54.0	25.18	AV	88.00	150	Vertical	Pass
2	2438.250	101.27	-12.38	74.0	-27.27	Peak	124.00	150	Vertical	N/A
2**	2438.250	93.37	-12.38	54.0	-39.37	AV	124.00	150	Vertical	N/A
3	4876.500	49.55	-2.25	74.0	24.45	Peak	88.00	150	Vertical	Pass
3**	4876.500	41.95	-2.25	54.0	12.05	AV	88.00	150	Vertical	Pass
4	7311.500	53.85	0.64	74.0	20.15	Peak	40.00	150	Vertical	Pass
4**	7311.500	45.06	0.64	54.0	8.94	AV	40.00	150	Vertical	Pass
5	10323.500	47.11	-3.31	74.0	26.89	Peak	265.00	150	Vertical	Pass
5**	10323.500	36.29	-3.31	54.0	17.71	AV	265.00	150	Vertical	Pass
6	15617.500	48.67	-1.93	74.0	25.33	Peak	2.00	150	Vertical	Pass
6**	15617.500	38.29	-1.93	54.0	15.71	AV	2.00	150	Vertical	Pass

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

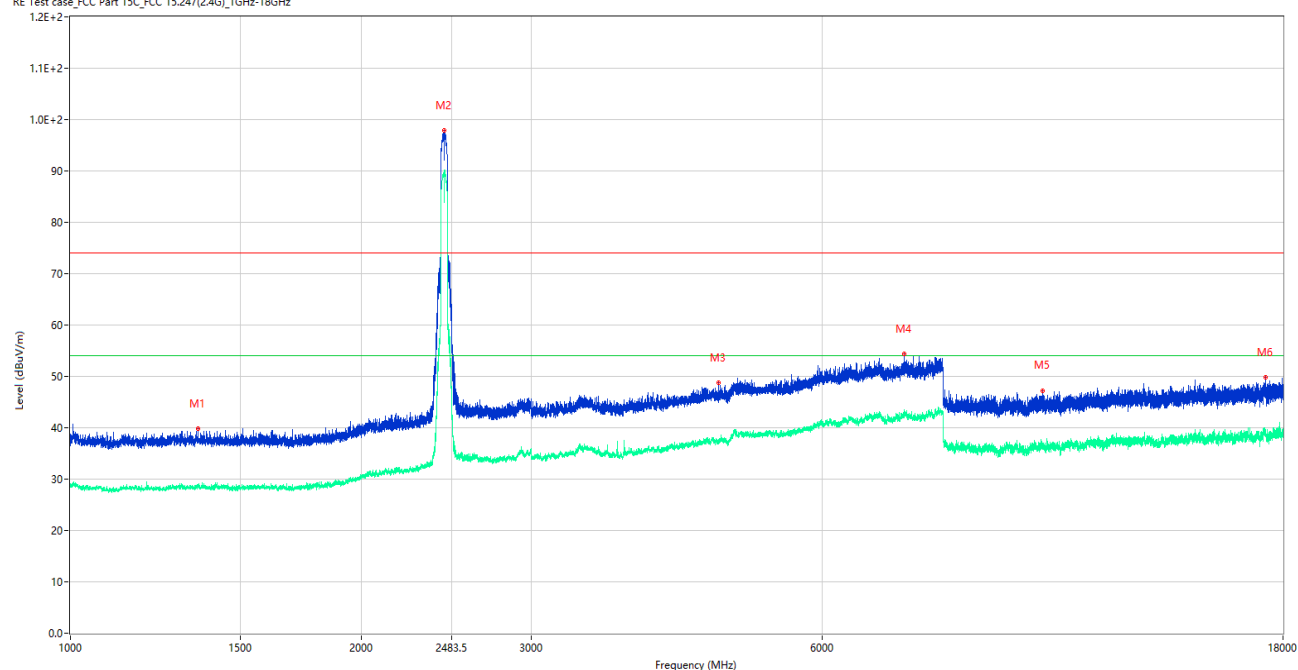
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.250	39.78	-16.33	74.0	34.22	Peak	95.00	150	Horizontal	Pass
1**	1483.250	27.99	-16.33	54.0	26.01	AV	95.00	150	Horizontal	Pass
2	2441.250	103.69	-12.40	74.0	-29.69	Peak	25.00	150	Horizontal	N/A
2**	2441.250	95.08	-12.40	54.0	-41.08	AV	25.00	150	Horizontal	N/A
3	4191.500	47.45	-3.67	74.0	26.55	Peak	70.00	150	Horizontal	Pass
3**	4191.500	36.37	-3.67	54.0	17.63	AV	70.00	150	Horizontal	Pass
4	6820.000	52.94	0.42	74.0	21.06	Peak	203.00	150	Horizontal	Pass
4**	6820.000	42.59	0.42	54.0	11.41	AV	203.00	150	Horizontal	Pass
5	10933.000	47.01	-3.31	74.0	26.99	Peak	2.00	150	Horizontal	Pass
5**	10933.000	37.23	-3.31	54.0	16.77	AV	2.00	150	Horizontal	Pass
6	16902.000	49.85	-0.95	74.0	24.15	Peak	0.00	150	Horizontal	Pass
6**	16902.000	38.85	-0.95	54.0	15.15	AV	0.00	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	1356.000	39.77	-15.84	74.0	34.23	Peak	358.00	150	Vertical	Pass
1**	1356.000	28.82	-15.84	54.0	25.18	AV	358.00	150	Vertical	Pass
2	2439.250	97.98	-12.37	74.0	-23.98	Peak	122.00	150	Vertical	N/A
2**	2439.250	90.04	-12.37	54.0	-36.04	AV	122.00	150	Vertical	N/A
3	4686.000	48.75	-3.79	74.0	25.25	Peak	224.00	150	Vertical	Pass
3**	4686.000	37.12	-3.79	54.0	16.88	AV	224.00	150	Vertical	Pass
4	7296.000	54.33	0.39	74.0	19.67	Peak	29.00	150	Vertical	Pass
4**	7296.000	42.20	0.39	54.0	11.80	AV	29.00	150	Vertical	Pass
5	10148.500	47.20	-4.34	74.0	26.80	Peak	348.00	150	Vertical	Pass
5**	10148.500	36.15	-4.34	54.0	17.85	AV	348.00	150	Vertical	Pass
6	17255.999	49.80	-0.97	74.0	24.20	Peak	360.00	150	Vertical	Pass
6**	17255.999	39.39	-0.97	54.0	14.61	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.

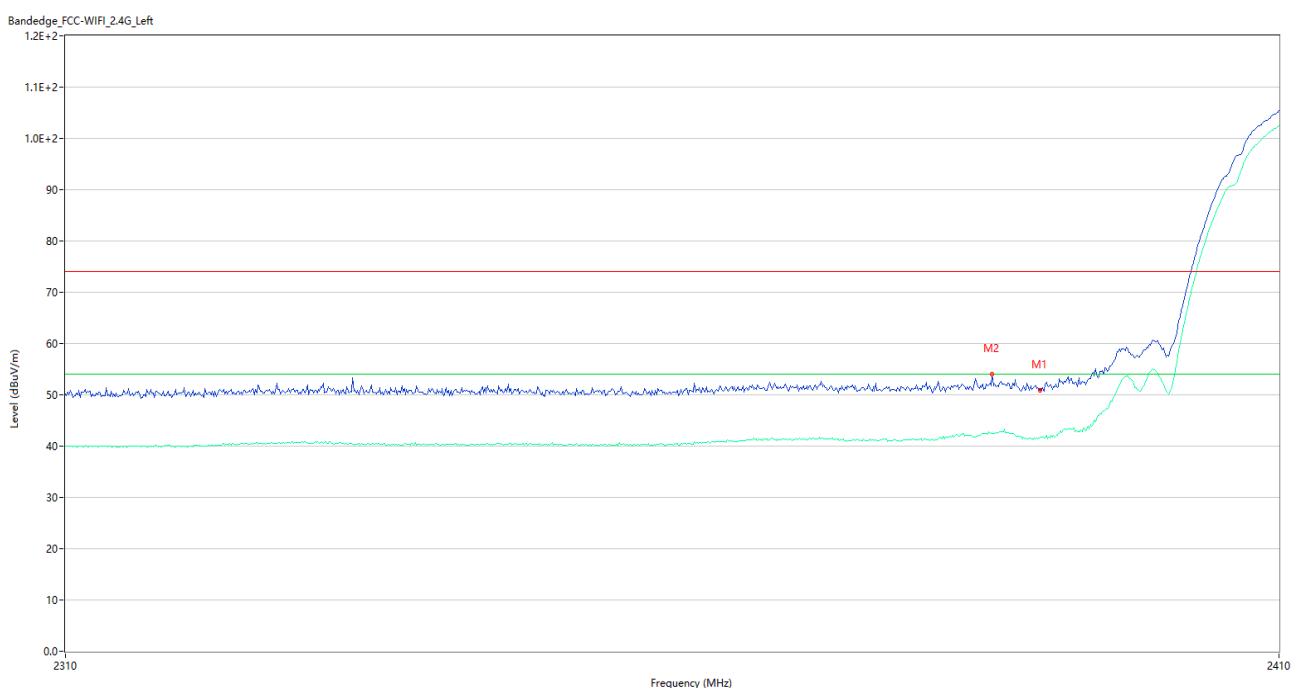
Note 2: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

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

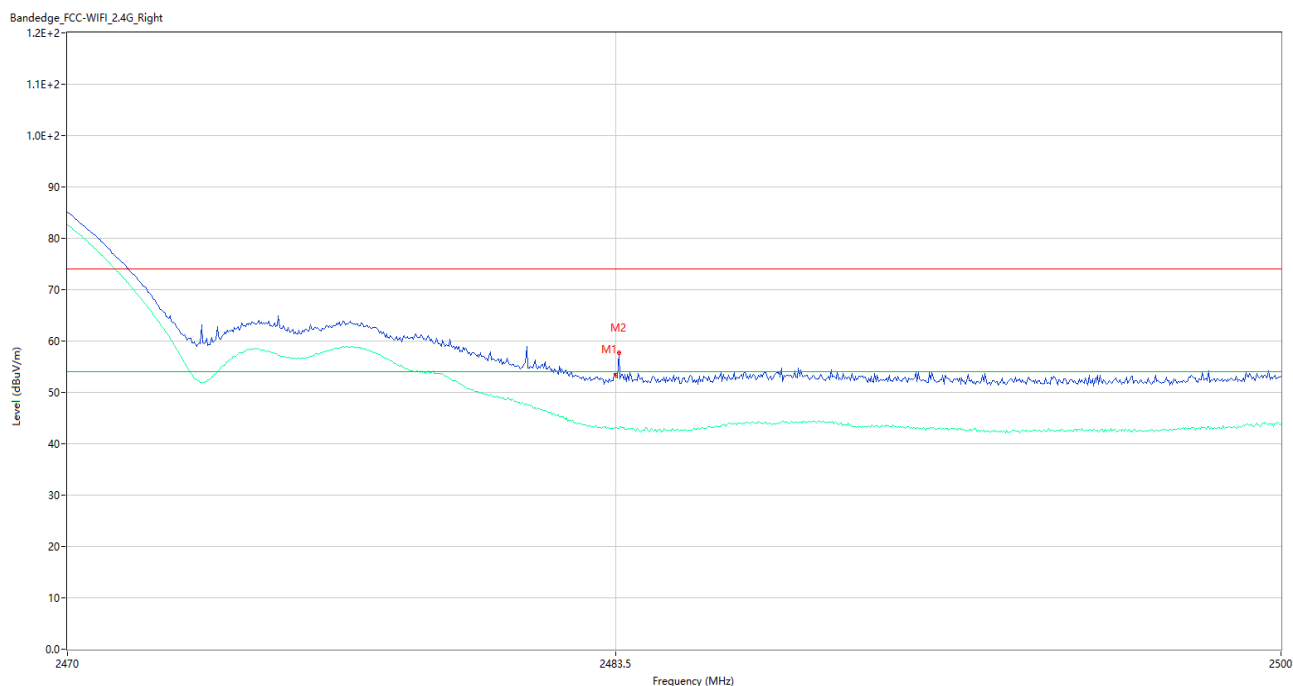
Test Data and Plots

802.11b LOW CHANNEL



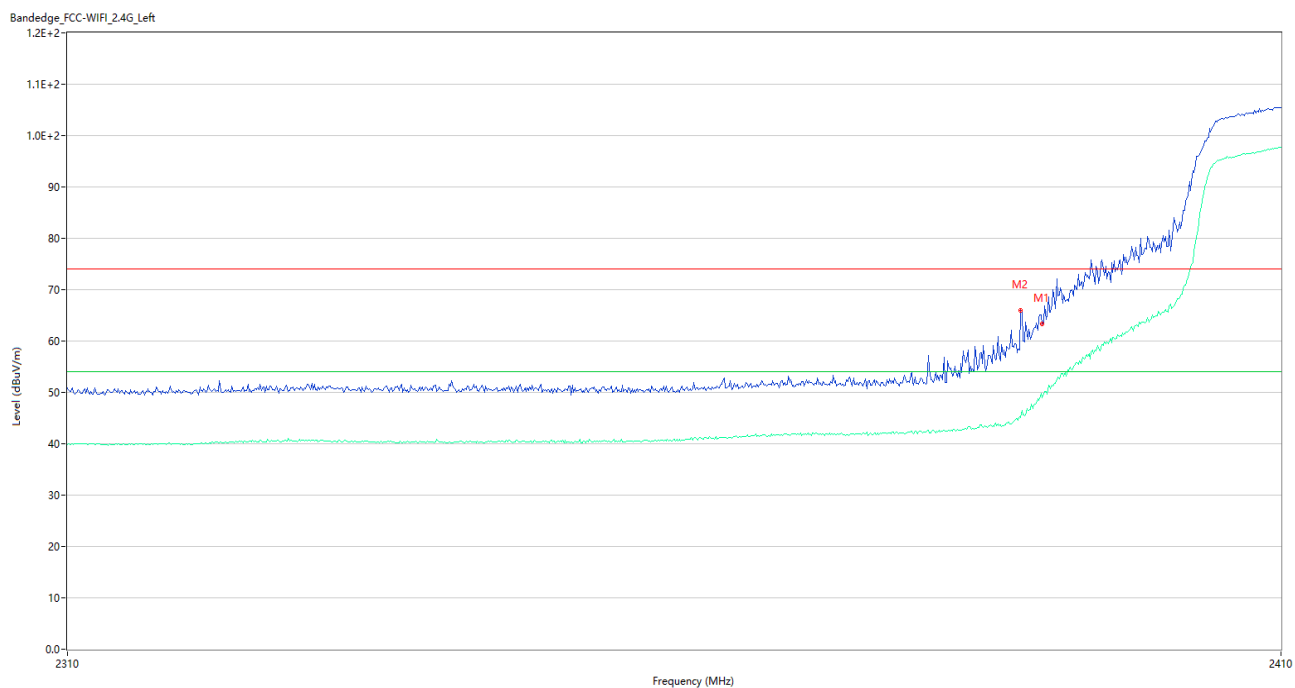
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	50.81	-4.87	74.0	23.19	Peak	360.00	150	Horizontal	Pass
1**	2390.000	41.84	-4.87	54.0	12.16	AV	360.00	150	Horizontal	Pass
2	2386.000	54.09	-4.64	74.0	19.91	Peak	12.00	150	Horizontal	Pass
2**	2386.000	42.54	-4.64	54.0	11.46	AV	12.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



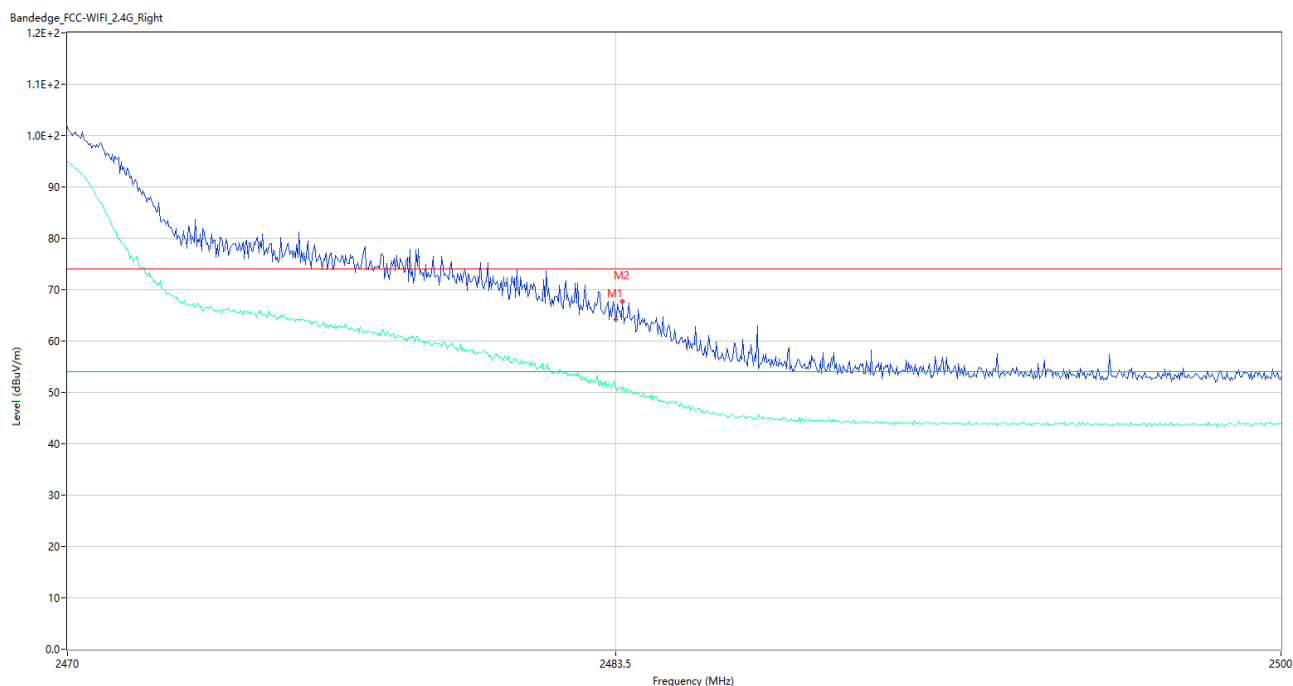
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.28	-3.78	74.0	20.72	Peak	44.00	150	Horizontal	Pass
1**	2483.500	43.11	-3.78	54.0	10.89	AV	44.00	150	Horizontal	Pass
2	2483.590	57.77	-3.78	74.0	16.23	Peak	234.00	150	Horizontal	Pass
2**	2483.590	42.92	-3.78	54.0	11.08	AV	234.00	150	Horizontal	Pass

802.11g LOW CHANNEL



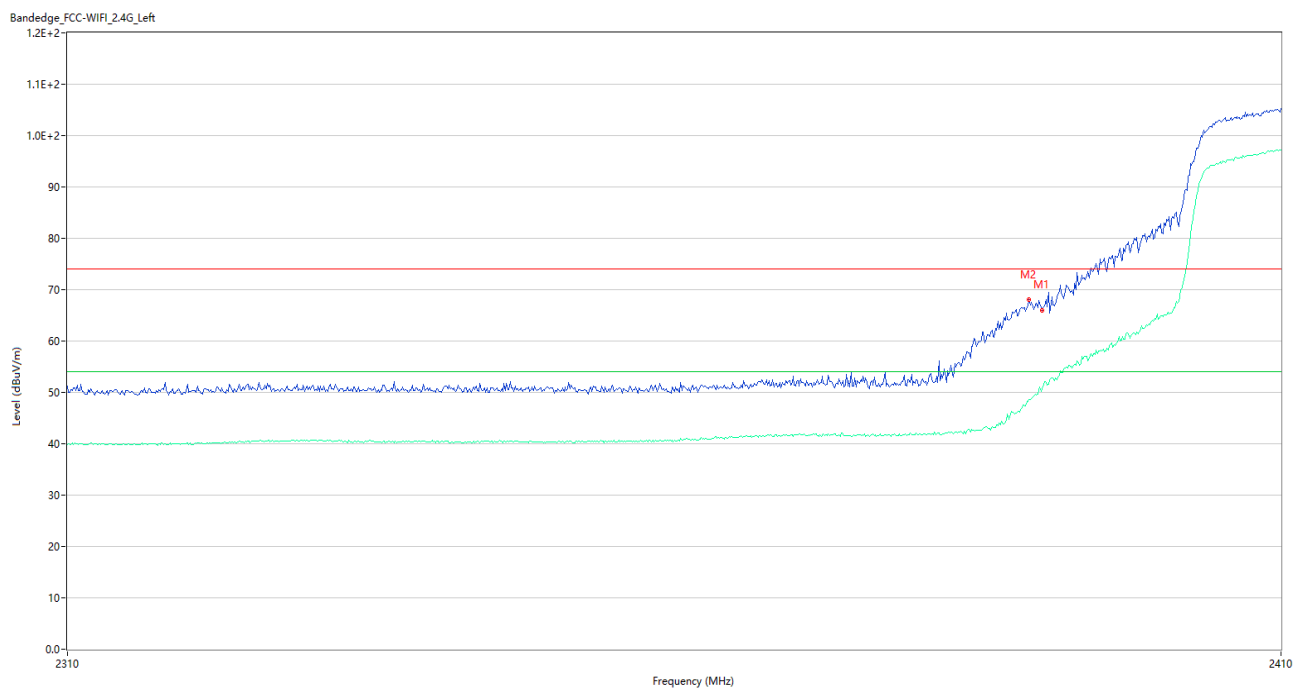
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	63.37	-4.87	74.0	10.63	Peak	38.98	150	Horizontal	Pass
1**	2390.000	48.99	-4.87	54.0	5.01	AV	38.98	150	Horizontal	Pass
2	2388.200	65.92	-4.78	74.0	8.08	Peak	34.00	150	Horizontal	Pass
2**	2388.200	45.10	-4.78	54.0	8.90	AV	34.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



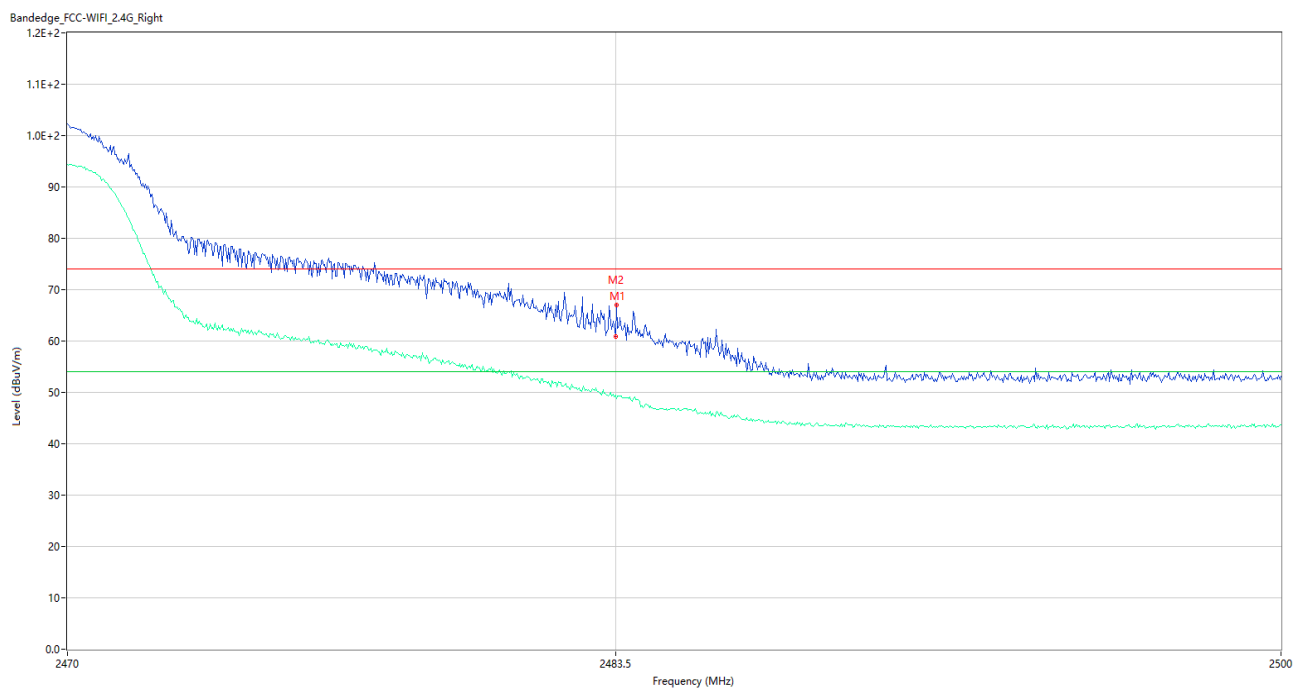
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.27	-3.78	74.0	9.73	Peak	45.00	150	Horizontal	Pass
1**	2483.500	50.85	-3.78	54.0	3.15	AV	45.00	150	Horizontal	Pass
2	2483.680	67.64	-3.78	74.0	6.36	Peak	41.00	150	Horizontal	Pass
2**	2483.680	50.41	-3.78	54.0	3.59	AV	41.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



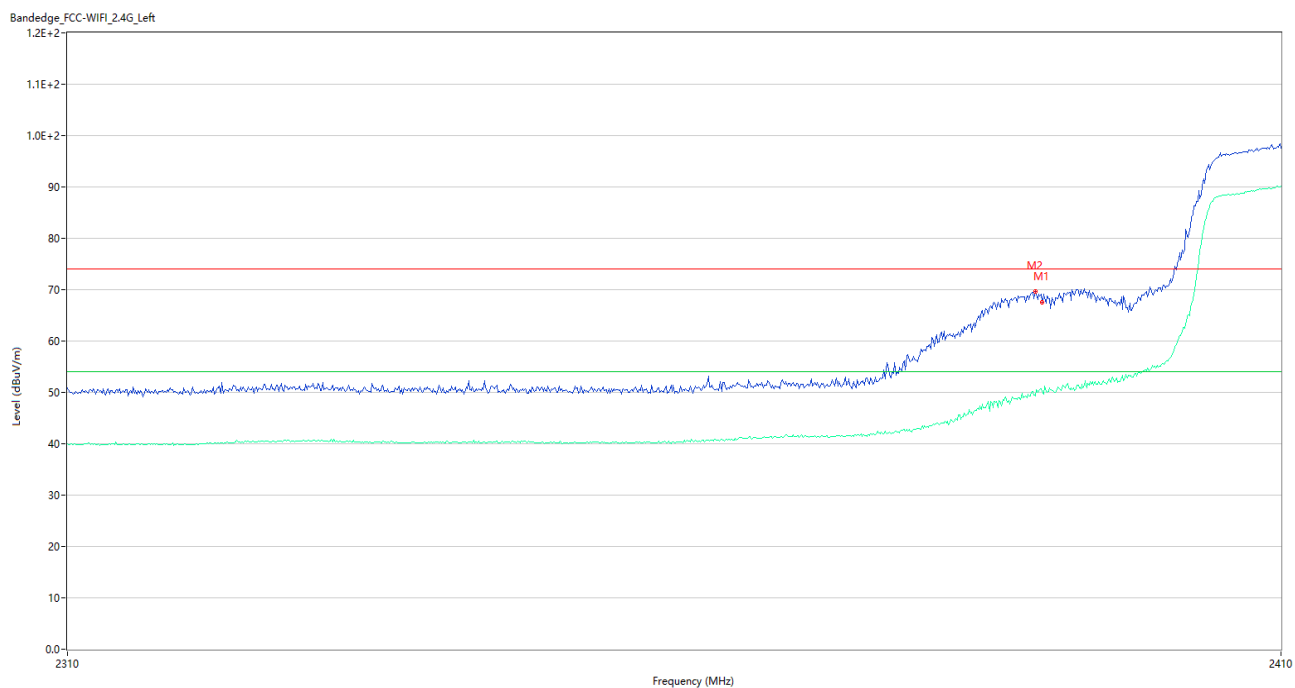
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	66.02	-4.87	74.0	7.98	Peak	41.00	150	Horizontal	Pass
1**	2390.000	50.75	-4.87	54.0	3.25	AV	41.00	150	Horizontal	Pass
2	2388.900	68.04	-4.81	74.0	5.96	Peak	11.00	150	Horizontal	Pass
2**	2388.900	48.60	-4.81	54.0	5.40	AV	11.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



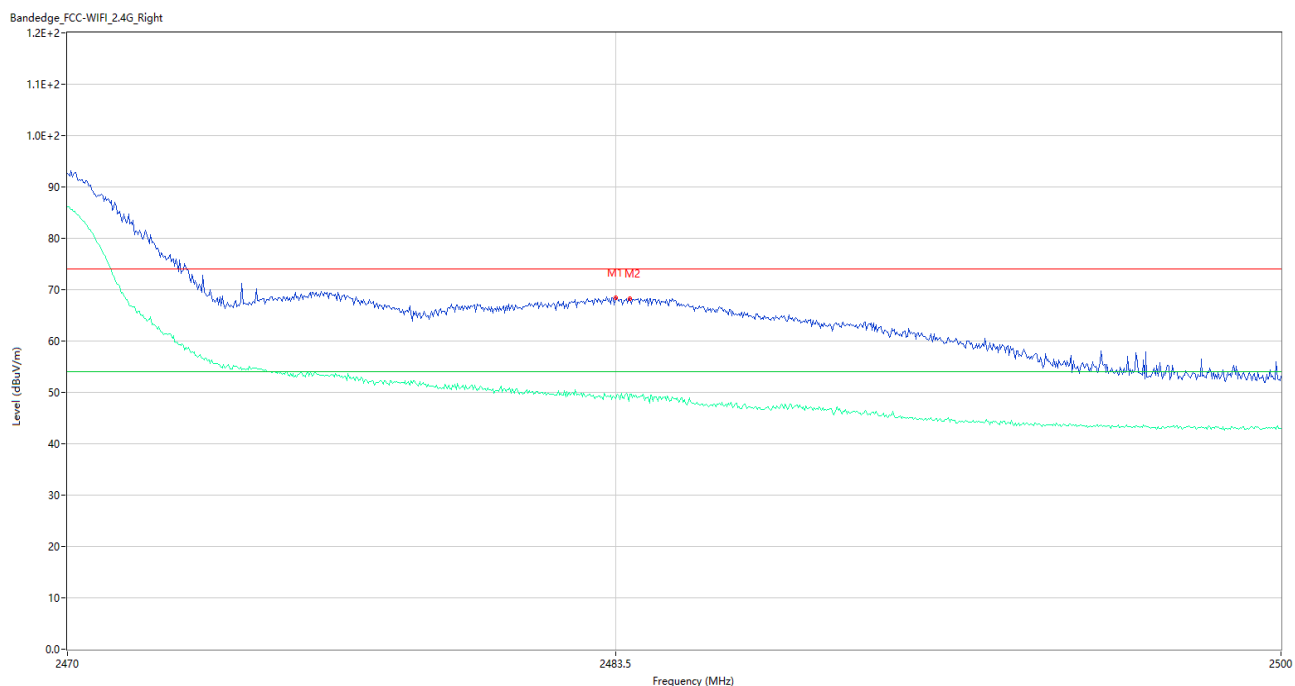
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.94	-3.78	74.0	13.06	Peak	50.00	150	Horizontal	Pass
1**	2483.500	49.51	-3.78	54.0	4.49	AV	50.00	150	Horizontal	Pass
2	2483.530	66.94	-3.78	74.0	7.06	Peak	50.00	150	Horizontal	Pass
2**	2483.530	48.80	-3.78	54.0	5.20	AV	50.00	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	67.63	-4.87	74.0	6.37	Peak	27.02	150	Horizontal	Pass
1**	2390.000	50.38	-4.87	54.0	3.62	AV	27.02	150	Horizontal	Pass
2	2389.400	69.69	-4.84	74.0	4.31	Peak	40.00	150	Horizontal	Pass
2**	2389.400	49.25	-4.84	54.0	4.75	AV	40.00	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	68.38	-3.78	74.0	5.62	Peak	37.00	150	Horizontal	Pass
1**	2483.500	48.72	-3.78	54.0	5.28	AV	37.00	150	Horizontal	Pass
2	2483.860	68.31	-3.78	74.0	5.69	Peak	34.00	150	Horizontal	Pass
2**	2483.860	49.65	-3.78	54.0	4.35	AV	34.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.27	8
Middle	-8.57	8
High	-8.12	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-7.88	8
Middle	-8.87	8
High	-8.27	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.03	8
Middle	-9.41	8
High	-10.37	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-13.95	8
Middle	-11.52	8
High	-15.60	8

Test Plots

802.11b LOW CHANNEL



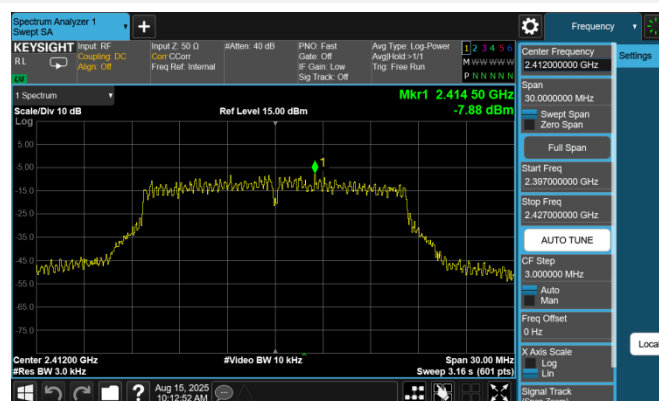
802.11b MIDDLE CHANNEL



802.11b HIGH CHANNEL



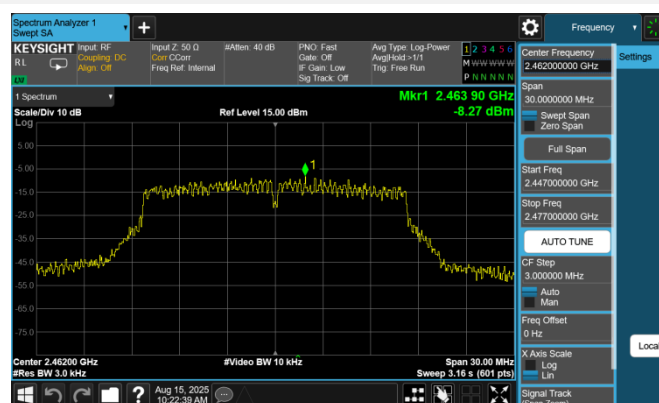
802.11g LOW CHANNEL



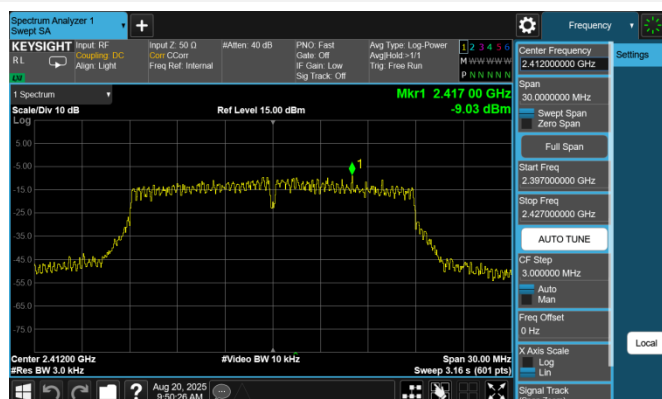
802.11g MIDDLE CHANNEL



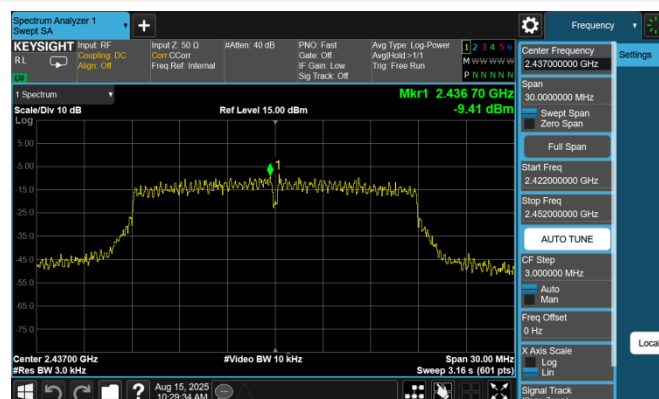
802.11g HIGH CHANNEL



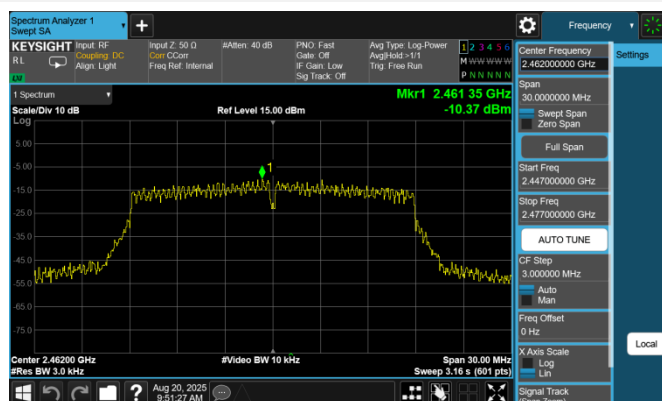
802.11n-20 MHz LOW CHANNEL



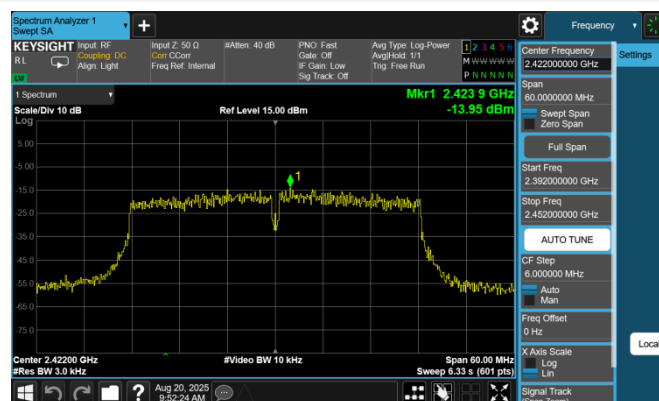
802.11n-20 MHz MIDDLE CHANNEL



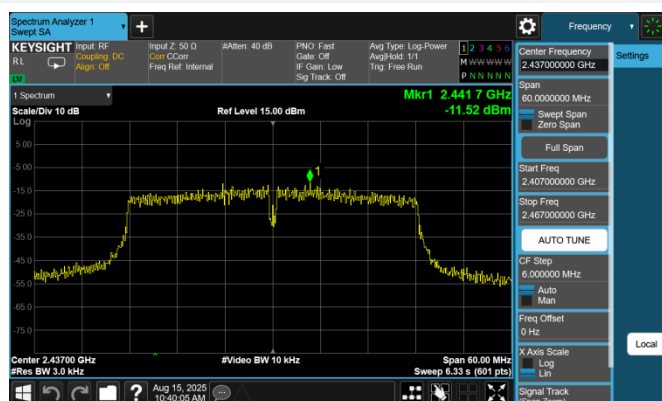
802.11n-20 MHz HIGH CHANNEL



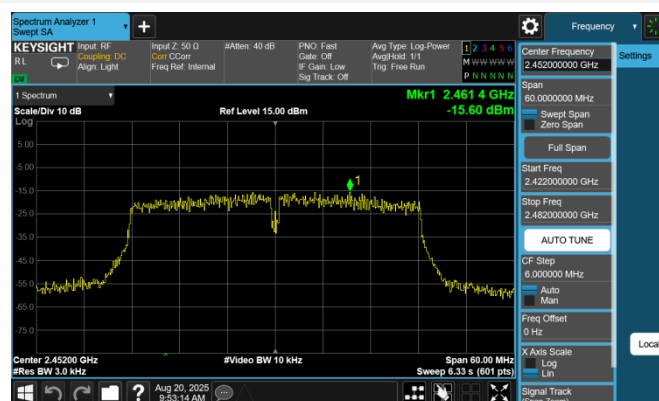
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH2580894-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2580894-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH2580894-AI.PDF”.

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--END OF REPORT--