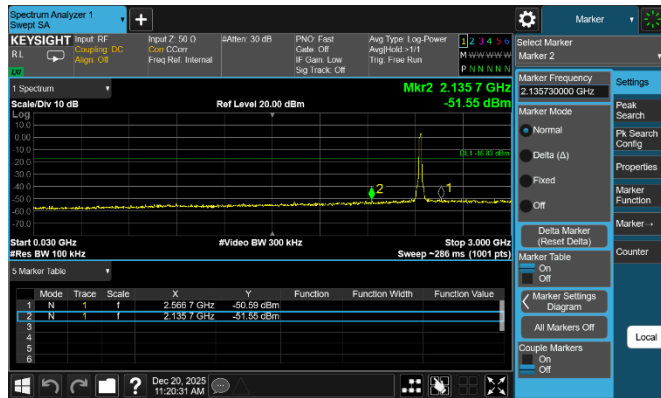
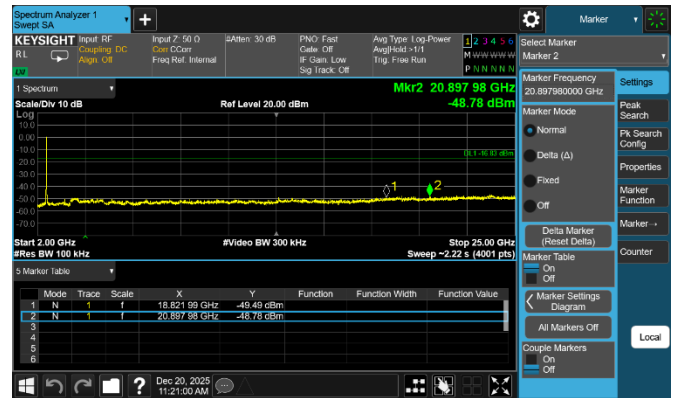


802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



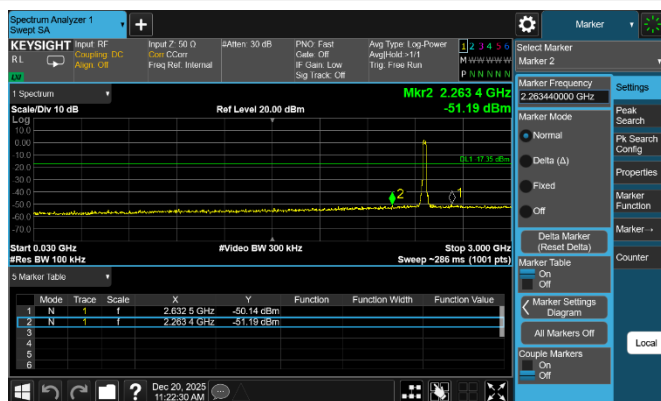
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



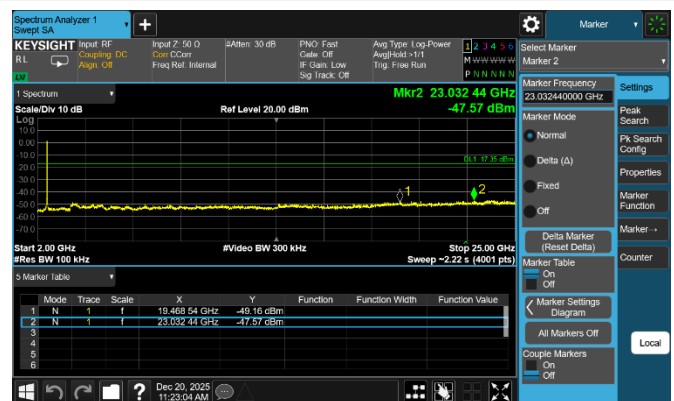
802.11g HIGH CHANNEL CARRIER LEVEL



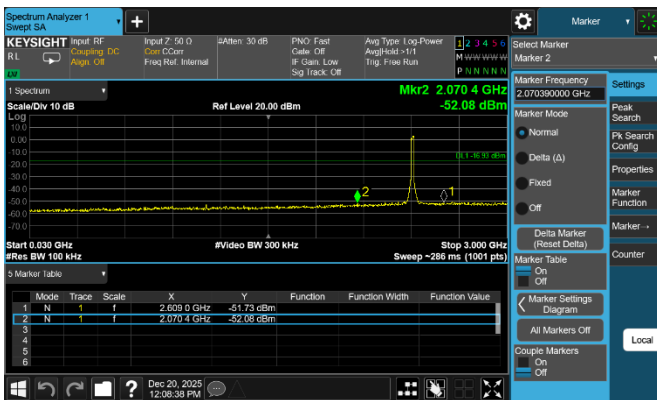
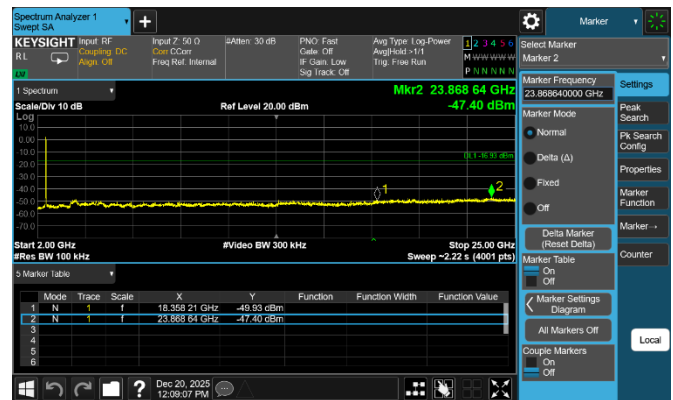
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



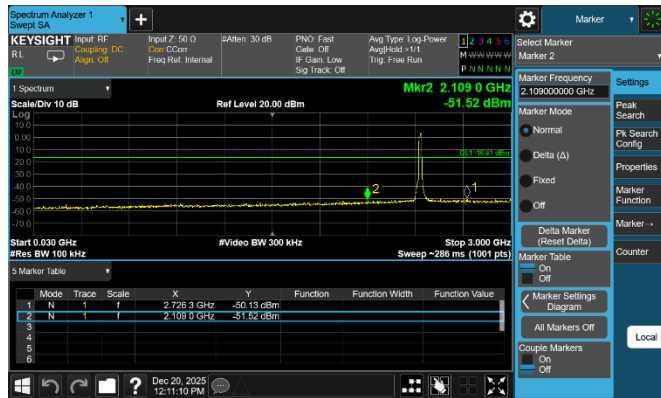
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

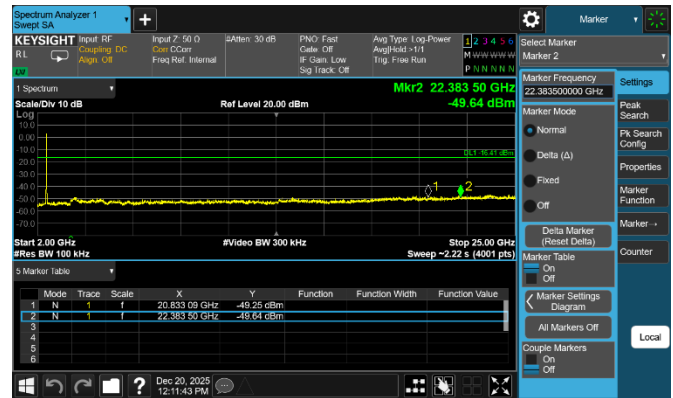
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



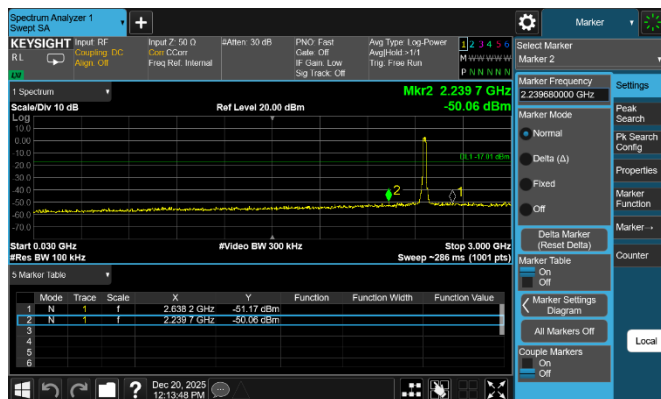
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



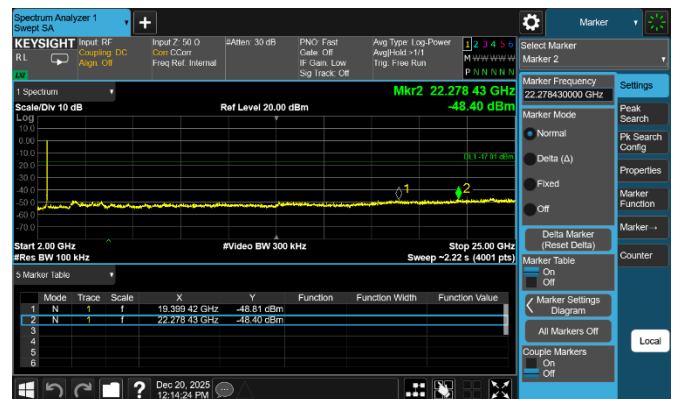
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



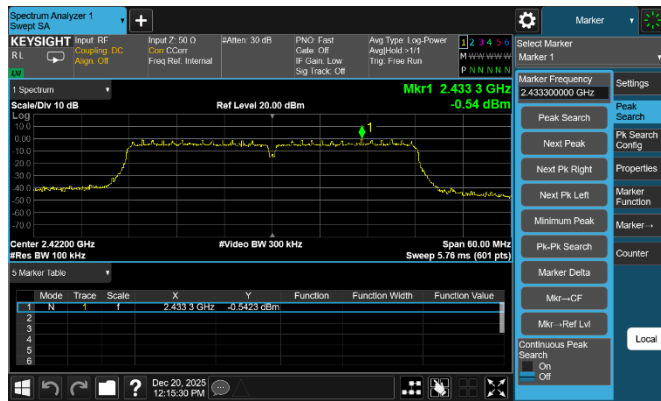
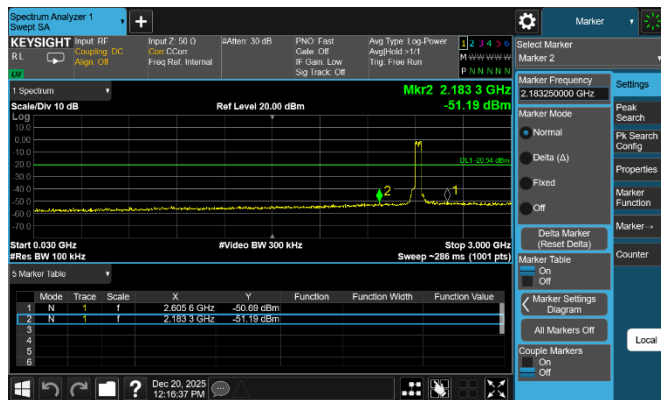
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



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



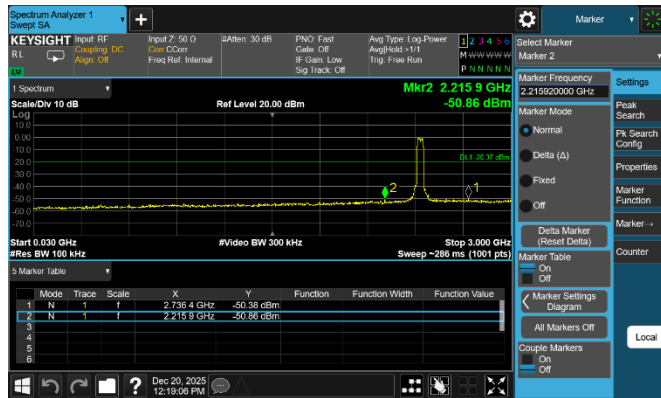
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

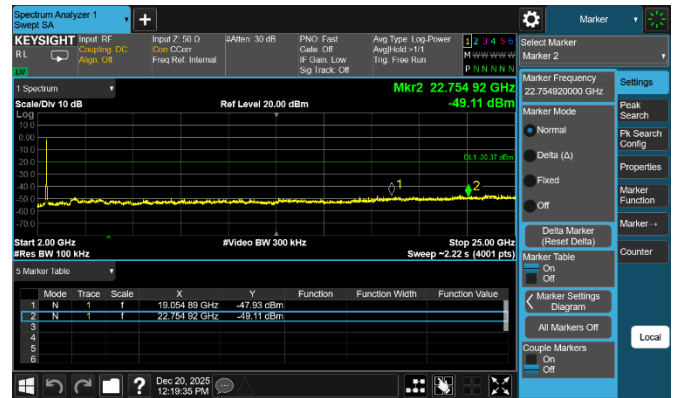
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



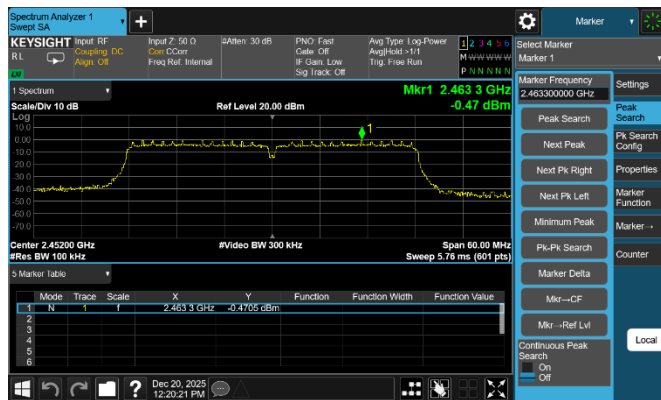
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



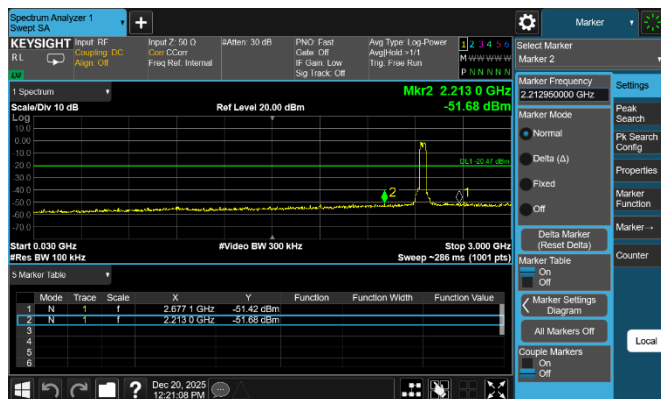
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



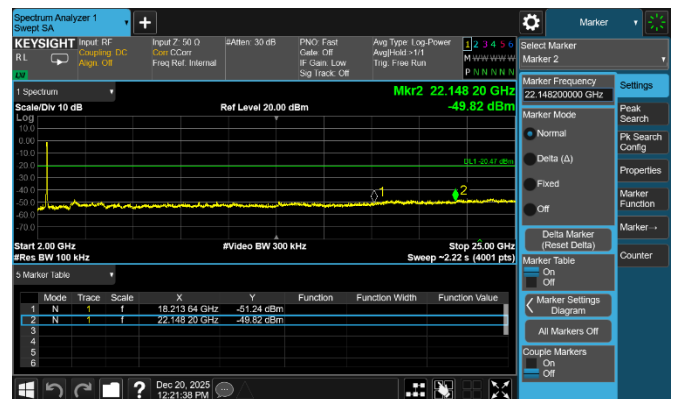
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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.

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.22	7.98	-12.02	Pass
High	-45.03	7.92	-12.08	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-32.87	2.95	-17.05	Pass
High	-41.45	2.65	-17.35	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.03	3.07	-16.93	Pass
High	-43.31	2.99	-17.01	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-37.84	-0.54	-20.54	Pass
High	-40.80	-0.47	-20.47	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



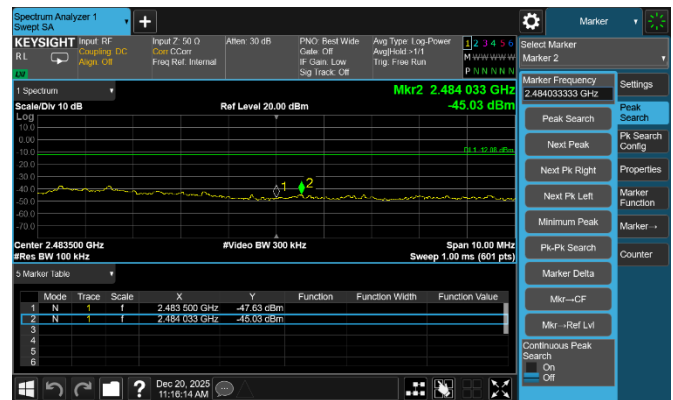
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



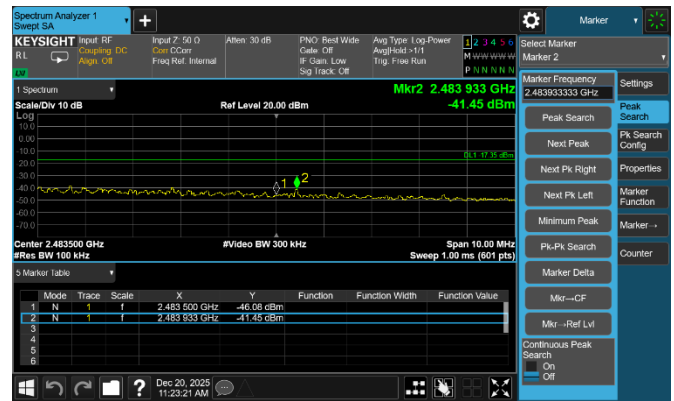
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



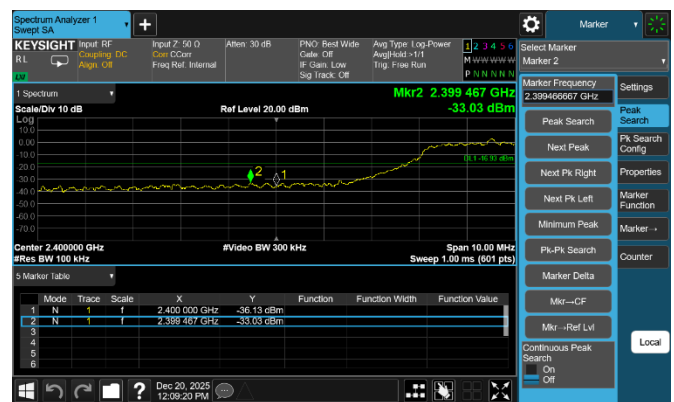
802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



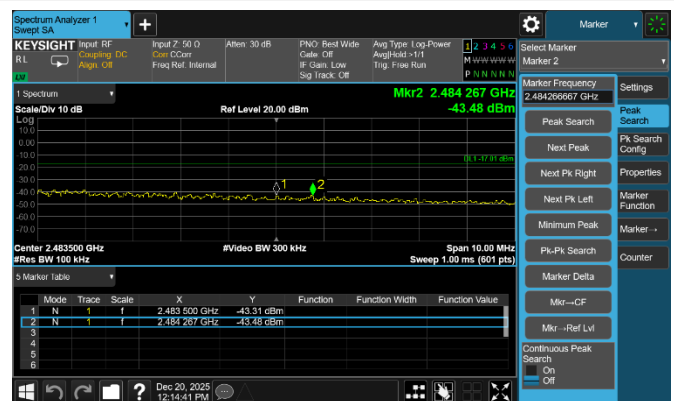
802.11n-20 MHz LOW CHANNEL, BAND EDGE



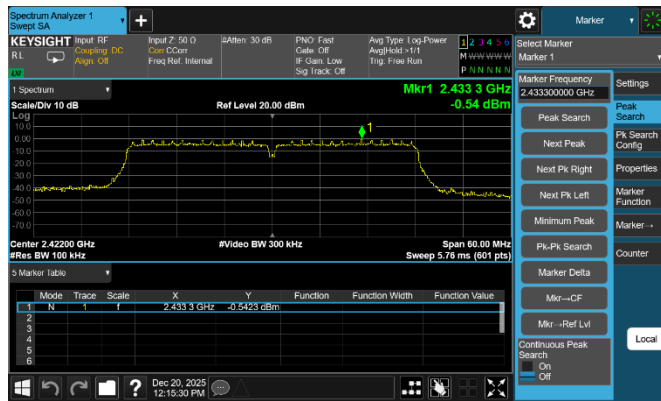
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



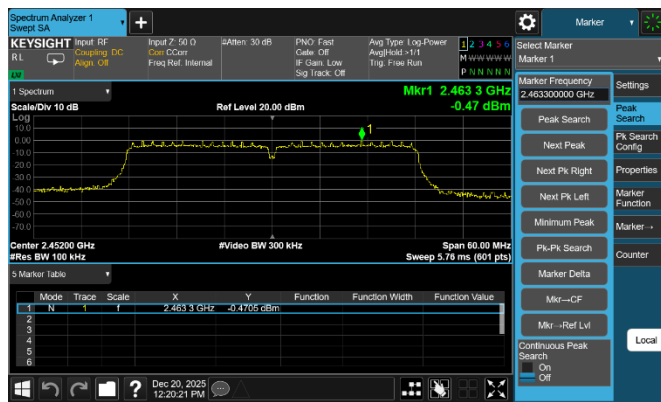
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



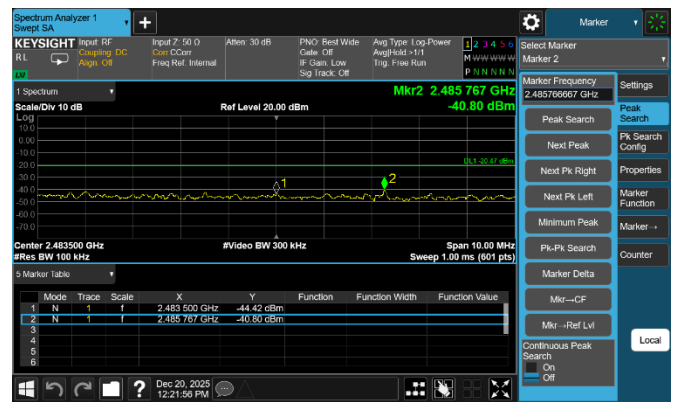
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



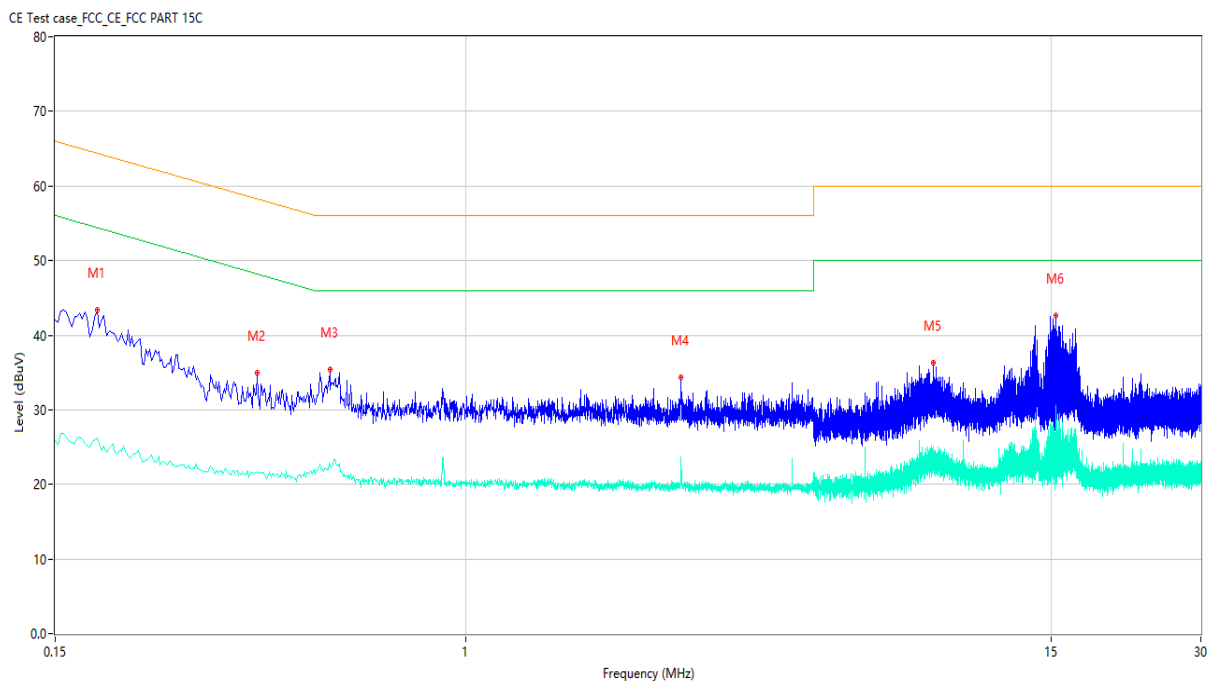
A.5 Conducted Emission

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

Note 2: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

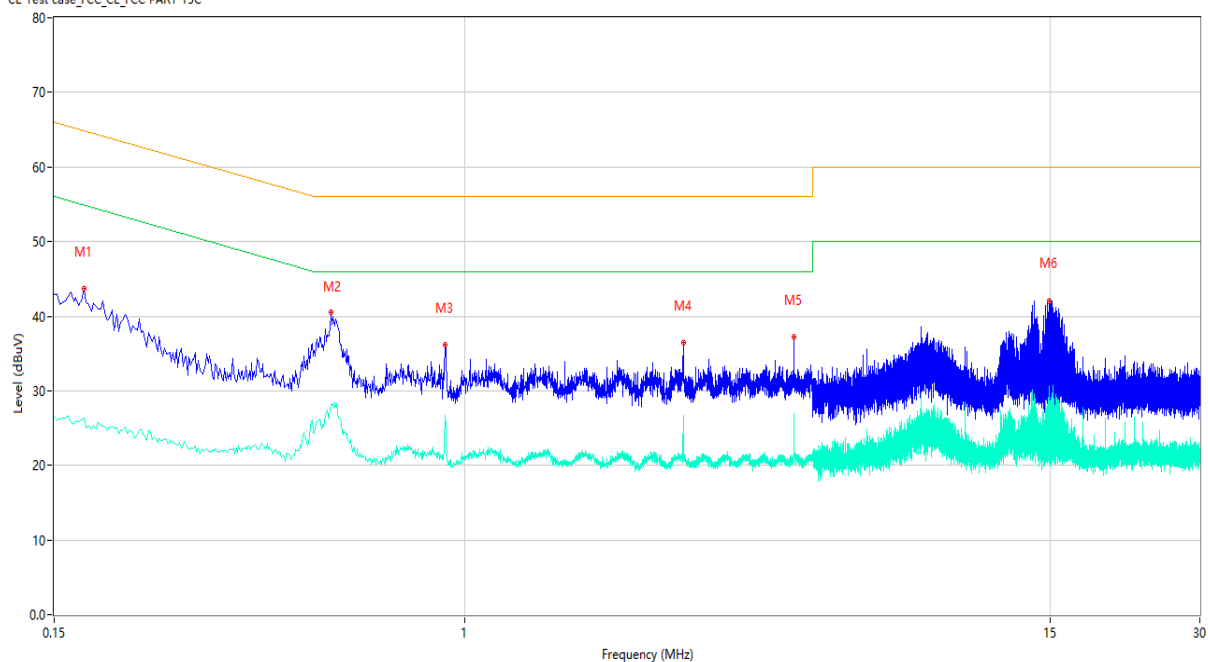
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.182	43.40	10.09	64.39	20.99	Peak	L	Pass
1**	0.182	26.18	10.09	54.39	28.21	AV	L	Pass
2	0.382	34.97	10.13	58.24	23.27	Peak	L	Pass
2**	0.382	21.64	10.13	48.24	26.60	AV	L	Pass
3	0.534	35.42	10.16	56.00	20.58	Peak	L	Pass
3**	0.534	22.58	10.16	46.00	23.42	AV	L	Pass
4	2.714	34.38	10.38	56.00	21.62	Peak	L	Pass
4**	2.714	22.72	10.38	46.00	23.28	AV	L	Pass
5	8.720	36.34	10.85	60.00	23.66	Peak	L	Pass
5**	8.720	24.18	10.85	50.00	25.82	AV	L	Pass
6	15.322	42.67	11.18	60.00	17.33	Peak	L	Pass
6**	15.322	30.54	11.18	50.00	19.46	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	0.172	43.72	10.15	64.86	21.14	Peak	N	Pass
1**	0.172	26.39	10.15	54.86	28.47	AV	N	Pass
2	0.540	40.54	10.18	56.00	15.46	Peak	N	Pass
2**	0.540	28.14	10.18	46.00	17.86	AV	N	Pass
3	0.916	36.09	10.23	56.00	19.91	Peak	N	Pass
3**	0.916	26.64	10.23	46.00	19.36	AV	N	Pass
4	2.752	36.48	10.29	56.00	19.52	Peak	N	Pass
4**	2.752	26.70	10.29	46.00	19.30	AV	N	Pass
5	4.594	37.16	10.41	56.00	18.84	Peak	N	Pass
5**	4.594	26.94	10.41	46.00	19.06	AV	N	Pass
6	14.948	42.09	11.12	60.00	17.91	Peak	N	Pass
6**	14.948	25.76	11.12	50.00	24.24	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.

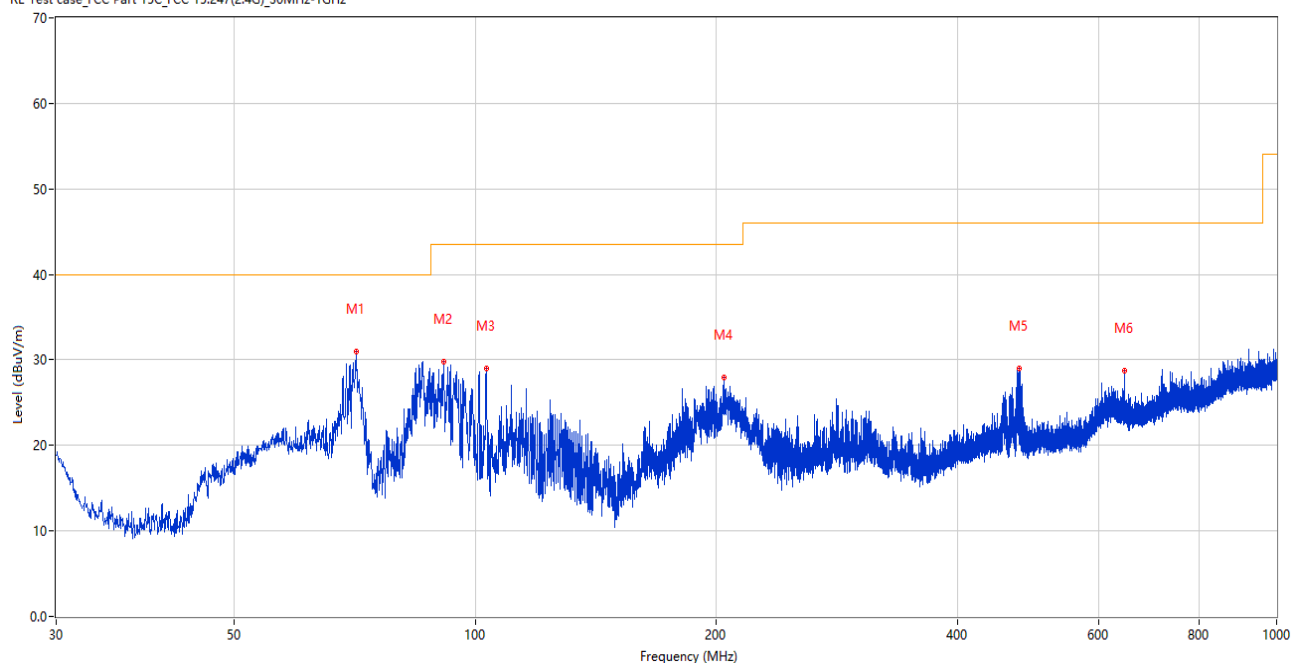
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

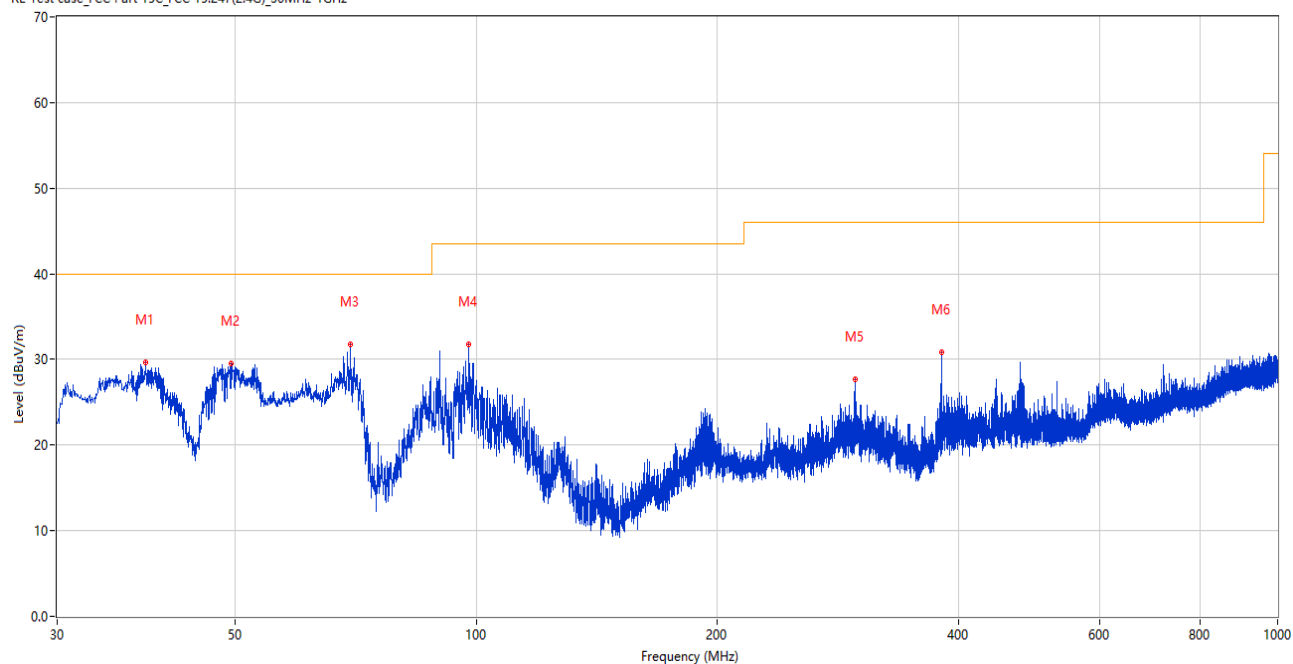
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.031	30.95	-29.32	40.0	9.05	Peak	170.00	200	Horizontal	Pass
2	91.304	29.82	-27.66	43.5	13.68	Peak	182.00	200	Horizontal	Pass
3	103.235	28.97	-26.11	43.5	14.53	Peak	148.00	100	Horizontal	Pass
4	204.115	28.01	-26.29	43.5	15.49	Peak	62.00	100	Horizontal	Pass
5	477.364	29.06	-18.79	46.0	16.94	Peak	274.00	200	Horizontal	Pass
6	646.629	28.78	-14.47	46.0	17.22	Peak	148.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



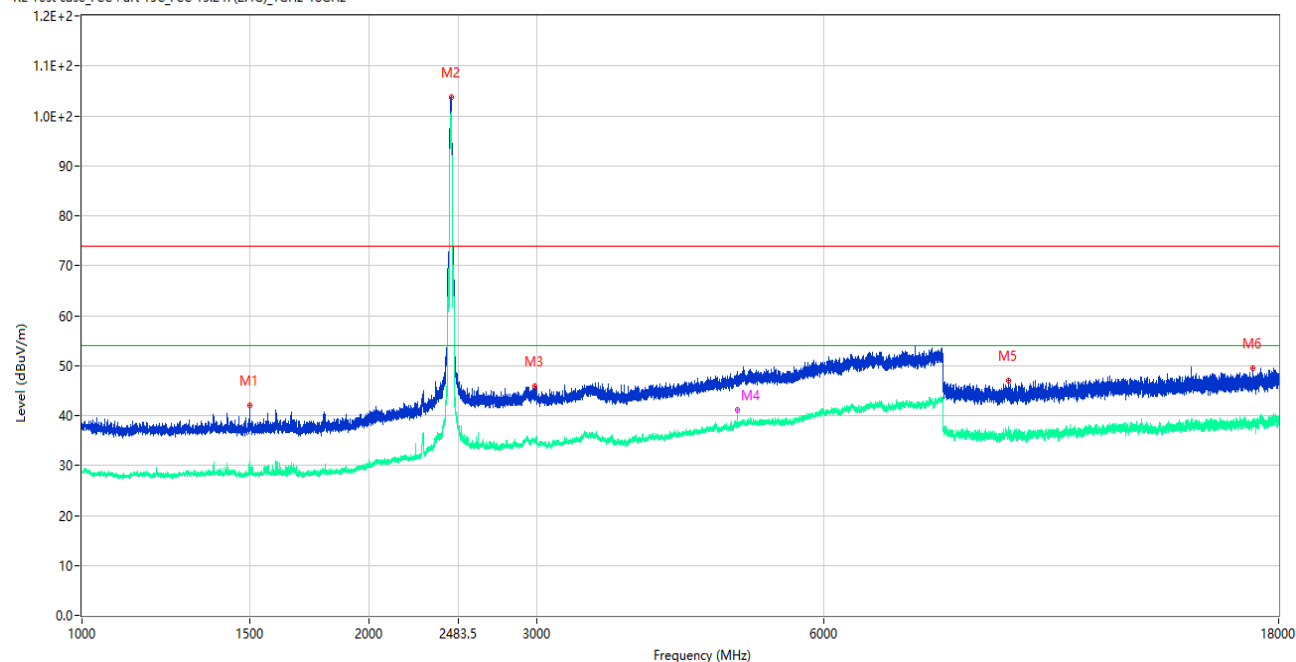
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.730	29.63	-26.33	40.0	10.37	Peak	37.00	100	Vertical	Pass
2	49.400	29.50	-24.53	40.0	10.50	Peak	37.00	100	Vertical	Pass
3	69.673	31.74	-28.86	40.0	8.26	Peak	237.00	100	Vertical	Pass
4	97.852	31.82	-26.26	43.5	11.68	Peak	87.00	100	Vertical	Pass
5	296.847	27.64	-23.20	46.0	18.36	Peak	112.00	200	Vertical	Pass
6	381.043	30.81	-20.92	46.0	15.19	Peak	141.00	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.

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

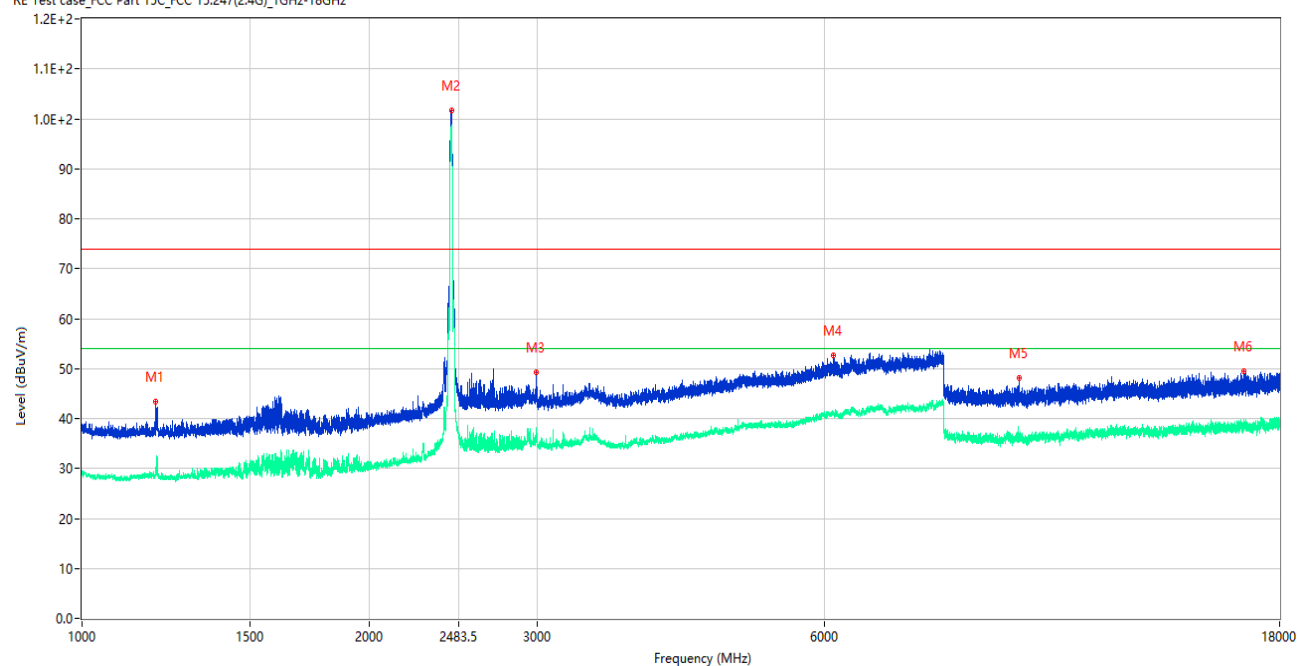
RE Test case_FCC Part 15C FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	41.98	-16.14	74.0	32.02	Peak	50.00	150	Horizontal	Pass
1**	1499.000	29.70	-16.14	54.0	24.30	AV	50.00	150	Horizontal	Pass
2	2438.250	103.68	-12.38	74.0	-29.68	Peak	81.00	150	Horizontal	N/A
2**	2438.250	100.70	-12.38	54.0	-46.70	AV	81.00	150	Horizontal	N/A
3	2984.750	45.92	-9.36	74.0	28.08	Peak	301.00	150	Horizontal	Pass
3**	2984.750	34.82	-9.36	54.0	19.18	AV	301.00	150	Horizontal	Pass
4	4874.500	48.20	-2.25	74.0	25.80	Peak	77.00	150	Horizontal	Pass
4**	4874.500	41.10	-2.25	54.0	12.90	AV	77.00	150	Horizontal	Pass
5	9379.000	47.07	-4.56	74.0	26.93	Peak	0.00	150	Horizontal	Pass
5**	9379.000	36.47	-4.56	54.0	17.53	AV	0.00	150	Horizontal	Pass
6	16910.500	49.47	-0.52	74.0	24.53	Peak	235.00	150	Horizontal	Pass
6**	16910.500	38.98	-0.52	54.0	15.02	AV	235.00	150	Horizontal	Pass

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

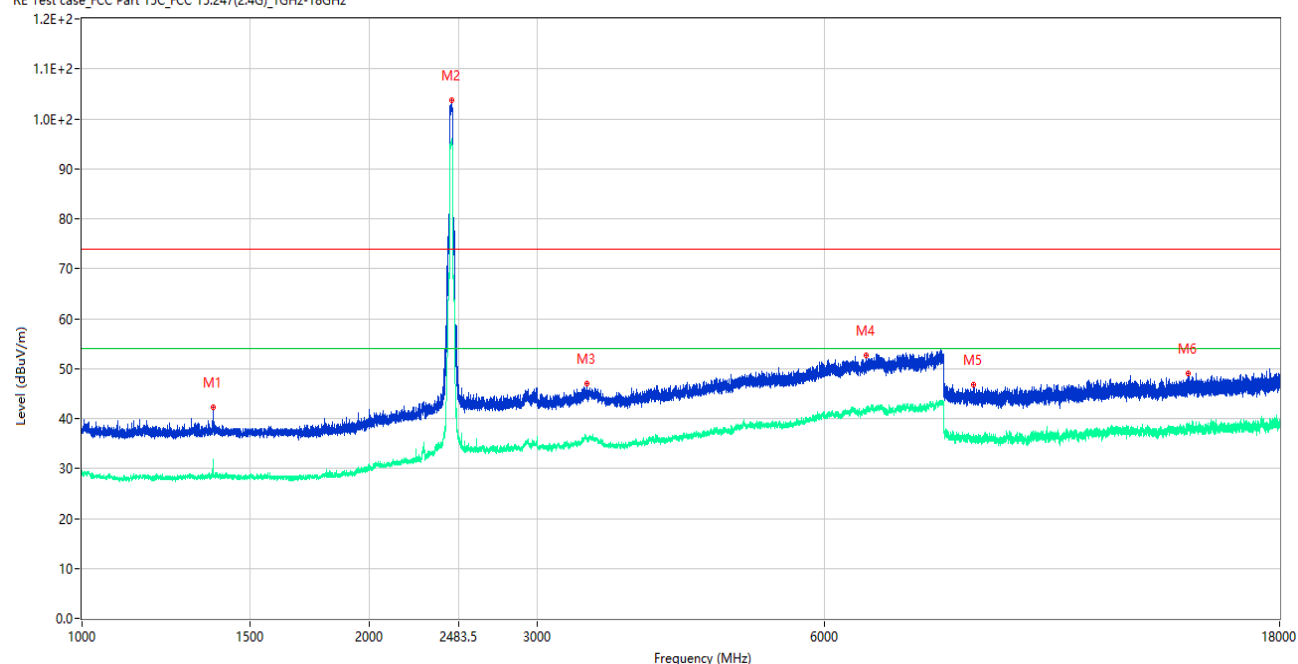
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.500	43.40	-15.75	74.0	30.60	Peak	121.00	150	Vertical	Pass
1**	1195.500	29.28	-15.75	54.0	24.72	AV	121.00	150	Vertical	Pass
2	2438.250	101.70	-12.38	74.0	-27.70	Peak	90.00	150	Vertical	N/A
2**	2438.250	98.74	-12.38	54.0	-44.74	AV	90.00	150	Vertical	N/A
3	2995.750	49.22	-8.85	74.0	24.78	Peak	277.00	150	Vertical	Pass
3**	2995.750	35.64	-8.85	54.0	18.36	AV	277.00	150	Vertical	Pass
4	6124.500	52.69	-0.10	74.0	21.31	Peak	175.00	150	Vertical	Pass
4**	6124.500	40.89	-0.10	54.0	13.11	AV	175.00	150	Vertical	Pass
5	9594.500	48.18	-3.52	74.0	25.82	Peak	95.00	150	Vertical	Pass
5**	9594.500	35.22	-3.52	54.0	18.78	AV	95.00	150	Vertical	Pass
6	16525.500	49.55	-1.64	74.0	24.45	Peak	38.00	150	Vertical	Pass
6**	16525.500	38.24	-1.64	54.0	15.76	AV	38.00	150	Vertical	Pass

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

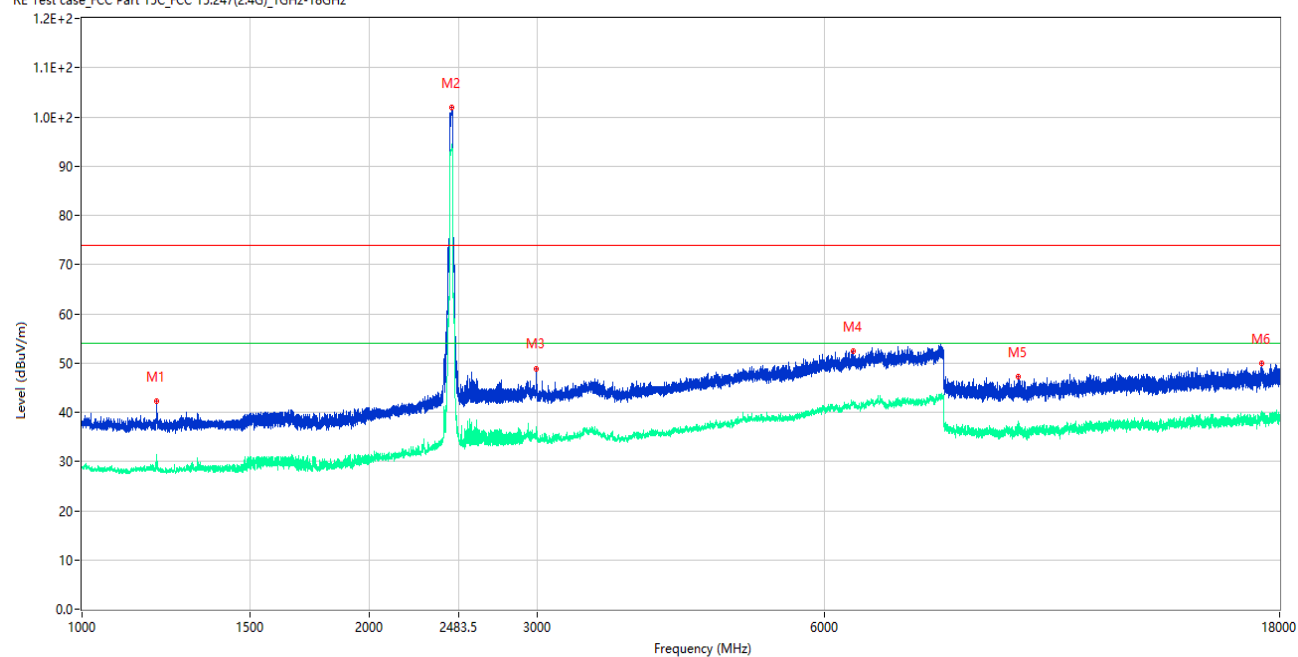
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1373.250	42.28	-15.98	74.0	31.72	Peak	164.00	150	Horizontal	Pass
1**	1373.250	30.41	-15.98	54.0	23.59	AV	164.00	150	Horizontal	Pass
2	2439.000	103.72	-12.37	74.0	-29.72	Peak	119.00	150	Horizontal	N/A
2**	2439.000	95.21	-12.37	54.0	-41.21	AV	119.00	150	Horizontal	N/A
3	3383.000	47.07	-5.25	74.0	26.93	Peak	333.00	150	Horizontal	Pass
3**	3383.000	35.89	-5.25	54.0	18.11	AV	333.00	150	Horizontal	Pass
4	6641.000	52.58	0.37	74.0	21.42	Peak	102.00	150	Horizontal	Pass
4**	6641.000	41.75	0.37	54.0	12.25	AV	102.00	150	Horizontal	Pass
5	8590.000	46.72	-4.94	74.0	27.28	Peak	152.00	150	Horizontal	Pass
5**	8590.000	36.67	-4.94	54.0	17.33	AV	152.00	150	Horizontal	Pass
6	14448.500	49.00	-3.04	74.0	25.00	Peak	241.00	150	Horizontal	Pass
6**	14448.500	38.12	-3.04	54.0	15.88	AV	241.00	150	Horizontal	Pass

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

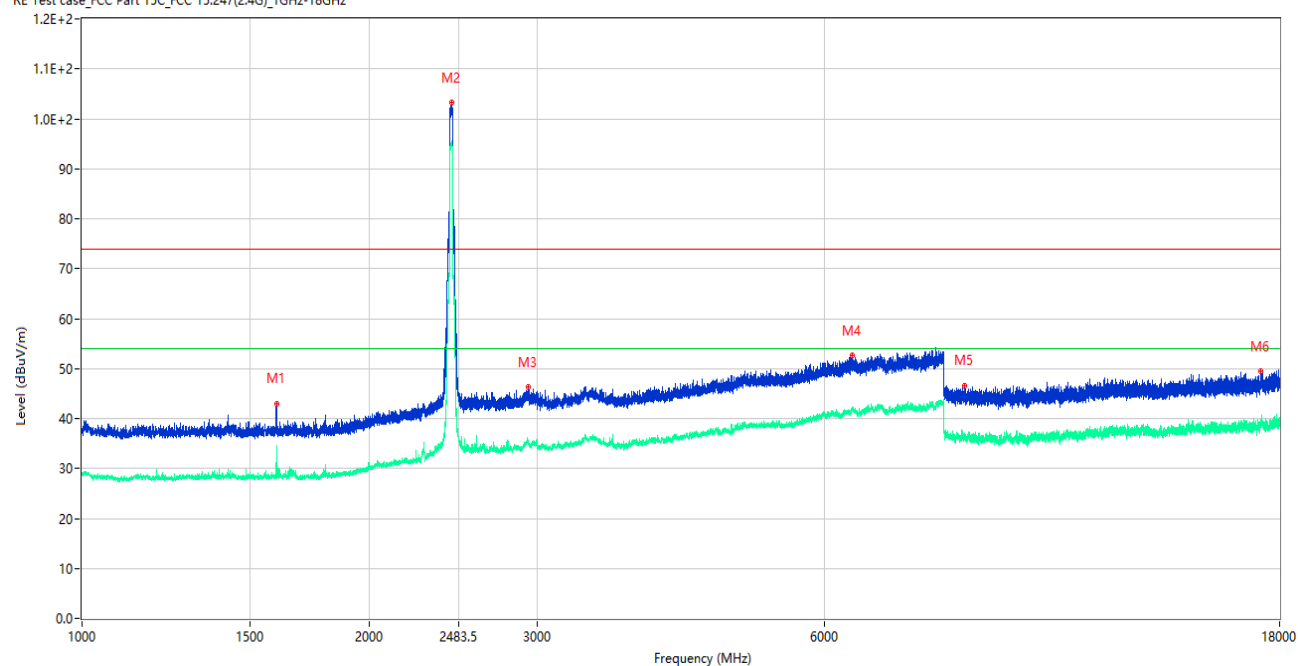
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.250	42.16	-15.72	74.0	31.84	Peak	107.00	150	Vertical	Pass
1**	1197.250	31.34	-15.72	54.0	22.66	AV	107.00	150	Vertical	Pass
2	2439.750	101.97	-12.37	74.0	-27.97	Peak	87.00	150	Vertical	N/A
2**	2439.750	94.05	-12.37	54.0	-40.05	AV	87.00	150	Vertical	N/A
3	2995.250	48.82	-8.88	74.0	25.18	Peak	102.00	150	Vertical	Pass
3**	2995.250	37.02	-8.88	54.0	16.98	AV	102.00	150	Vertical	Pass
4	6430.500	52.49	0.07	74.0	21.51	Peak	125.00	150	Vertical	Pass
4**	6430.500	41.97	0.07	54.0	12.03	AV	125.00	150	Vertical	Pass
5	9570.000	47.24	-3.42	74.0	26.76	Peak	92.00	150	Vertical	Pass
5**	9570.000	35.45	-3.42	54.0	18.55	AV	92.00	150	Vertical	Pass
6	17226.500	49.85	-0.57	74.0	24.15	Peak	294.00	150	Vertical	Pass
6**	17226.500	39.33	-0.57	54.0	14.67	AV	294.00	150	Vertical	Pass

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

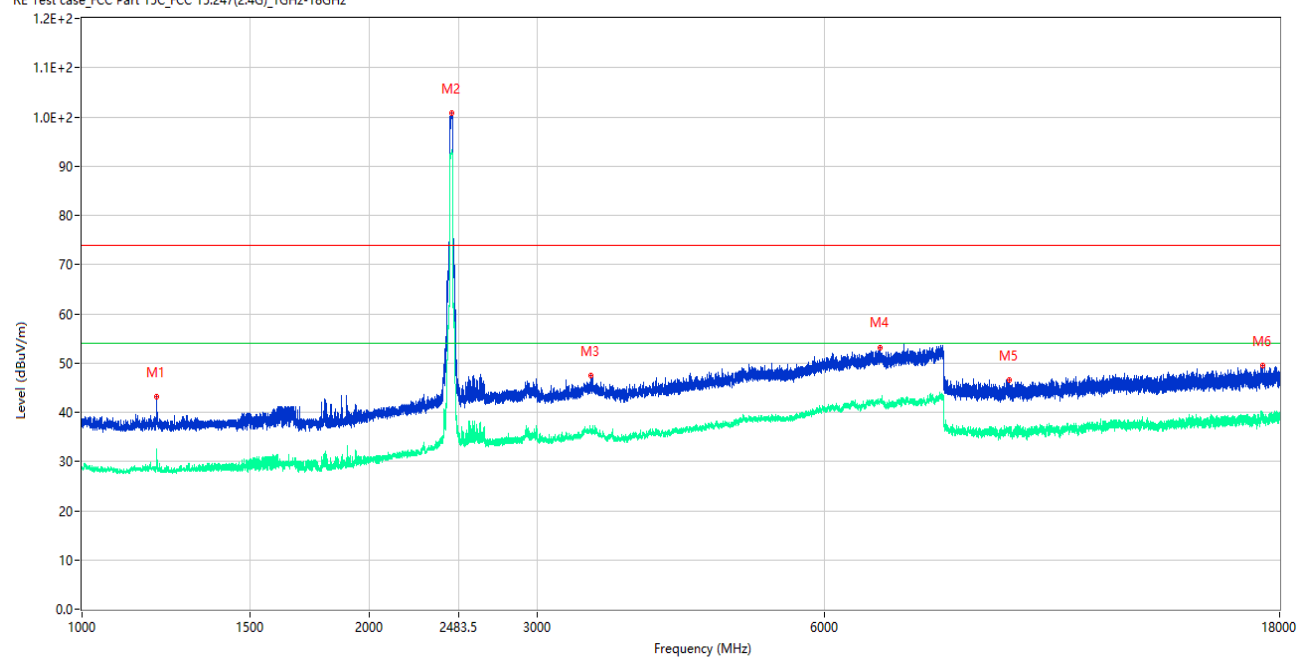
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.750	43.05	-16.23	74.0	30.95	Peak	261.00	150	Horizontal	Pass
1**	1598.750	28.29	-16.23	54.0	25.71	AV	261.00	150	Horizontal	Pass
2	2440.000	103.34	-12.37	74.0	-29.34	Peak	81.00	150	Horizontal	N/A
2**	2440.000	95.61	-12.37	54.0	-41.61	AV	81.00	150	Horizontal	N/A
3	2932.750	46.31	-8.00	74.0	27.69	Peak	220.00	150	Horizontal	Pass
3**	2932.750	35.40	-8.00	54.0	18.60	AV	220.00	150	Horizontal	Pass
4	6412.000	52.60	0.26	74.0	21.40	Peak	335.00	150	Horizontal	Pass
4**	6412.000	42.12	0.26	54.0	11.88	AV	335.00	150	Horizontal	Pass
5	8407.500	46.65	-5.16	74.0	27.35	Peak	92.00	150	Horizontal	Pass
5**	8407.500	36.74	-5.16	54.0	17.26	AV	92.00	150	Horizontal	Pass
6	17187.500	49.48	0.16	74.0	24.52	Peak	60.00	150	Horizontal	Pass
6**	17187.500	39.12	0.16	54.0	14.88	AV	60.00	150	Horizontal	Pass

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

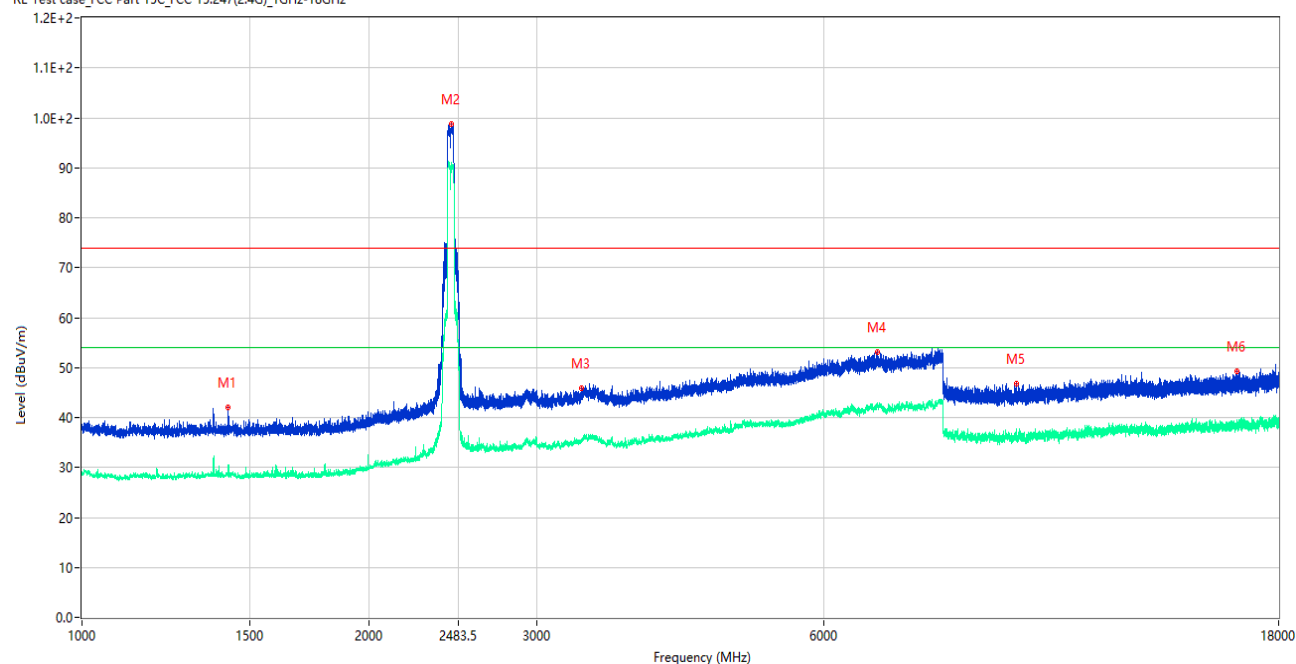
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	43.06	-15.71	74.0	30.94	Peak	303.00	150	Vertical	Pass
1**	1196.500	29.47	-15.71	54.0	24.53	AV	303.00	150	Vertical	Pass
2	2441.000	100.69	-12.39	74.0	-26.69	Peak	89.00	150	Vertical	N/A
2**	2441.000	92.96	-12.39	54.0	-38.96	AV	89.00	150	Vertical	N/A
3	3414.500	47.46	-5.24	74.0	26.54	Peak	100.00	150	Vertical	Pass
3**	3414.500	36.15	-5.24	54.0	17.85	AV	100.00	150	Vertical	Pass
4	6870.500	53.21	0.80	74.0	20.79	Peak	62.00	150	Vertical	Pass
4**	6870.500	42.32	0.80	54.0	11.68	AV	62.00	150	Vertical	Pass
5	9378.500	46.64	-4.60	74.0	27.36	Peak	360.00	150	Vertical	Pass
5**	9378.500	36.37	-4.60	54.0	17.63	AV	360.00	150	Vertical	Pass
6	17279.001	49.47	-1.06	74.0	24.53	Peak	360.00	150	Vertical	Pass
6**	17279.001	39.18	-1.06	54.0	14.82	AV	360.00	150	Vertical	Pass

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

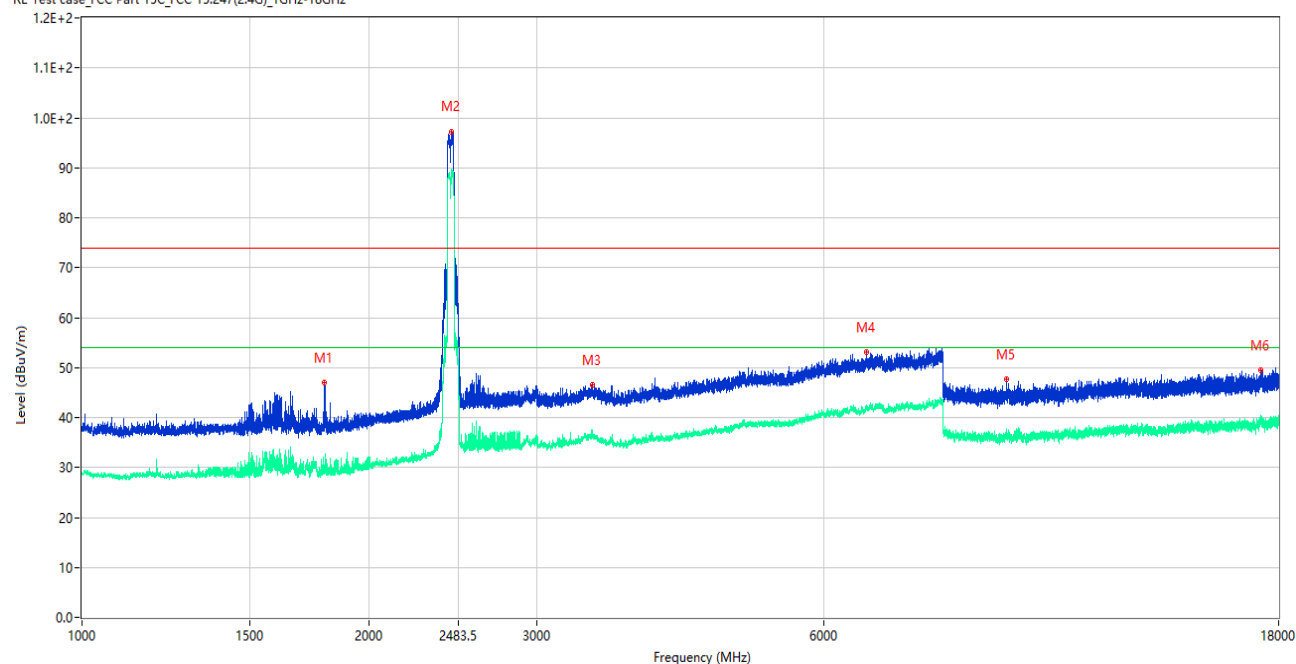
RE Test case FCC Part 15C FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1424.250	42.04	-15.97	74.0	31.96	Peak	45.00	150	Horizontal	Pass
1**	1424.250	30.59	-15.97	54.0	23.41	AV	45.00	150	Horizontal	Pass
2	2440.750	98.73	-12.38	74.0	-24.73	Peak	79.00	150	Horizontal	N/A
2**	2440.750	90.90	-12.38	54.0	-36.90	AV	79.00	150	Horizontal	N/A
3	3344.500	45.87	-6.11	74.0	28.13	Peak	41.00	150	Horizontal	Pass
3**	3344.500	35.49	-6.11	54.0	18.51	AV	41.00	150	Horizontal	Pass
4	6828.000	53.13	0.76	74.0	20.87	Peak	264.00	150	Horizontal	Pass
4**	6828.000	42.41	0.76	54.0	11.59	AV	264.00	150	Horizontal	Pass
5	9549.500	46.85	-2.51	74.0	27.15	Peak	38.00	150	Horizontal	Pass
5**	9549.500	36.94	-2.51	54.0	17.06	AV	38.00	150	Horizontal	Pass
6	16283.000	49.34	-1.51	74.0	24.66	Peak	124.00	150	Horizontal	Pass
6**	16283.000	38.70	-1.51	54.0	15.30	AV	124.00	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	1796.750	46.89	-15.69	74.0	27.11	Peak	131.00	150	Vertical	Pass
1**	1796.750	29.11	-15.69	54.0	24.89	AV	131.00	150	Vertical	Pass
2	2442.250	97.28	-12.44	74.0	-23.28	Peak	86.00	150	Vertical	N/A
2**	2442.250	89.16	-12.44	54.0	-35.16	AV	86.00	150	Vertical	N/A
3	3428.500	46.55	-4.96	74.0	27.45	Peak	279.00	150	Vertical	Pass
3**	3428.500	37.18	-4.96	54.0	16.82	AV	279.00	150	Vertical	Pass
4	6656.000	53.00	0.14	74.0	21.00	Peak	114.00	150	Vertical	Pass
4**	6656.000	41.79	0.14	54.0	12.21	AV	114.00	150	Vertical	Pass
5	9322.500	47.58	-5.23	74.0	26.42	Peak	117.00	150	Vertical	Pass
5**	9322.500	36.25	-5.23	54.0	17.75	AV	117.00	150	Vertical	Pass
6	17233.500	49.51	-0.47	74.0	24.49	Peak	176.00	150	Vertical	Pass
6**	17233.500	39.06	-0.47	54.0	14.94	AV	176.00	150	Vertical	Pass

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

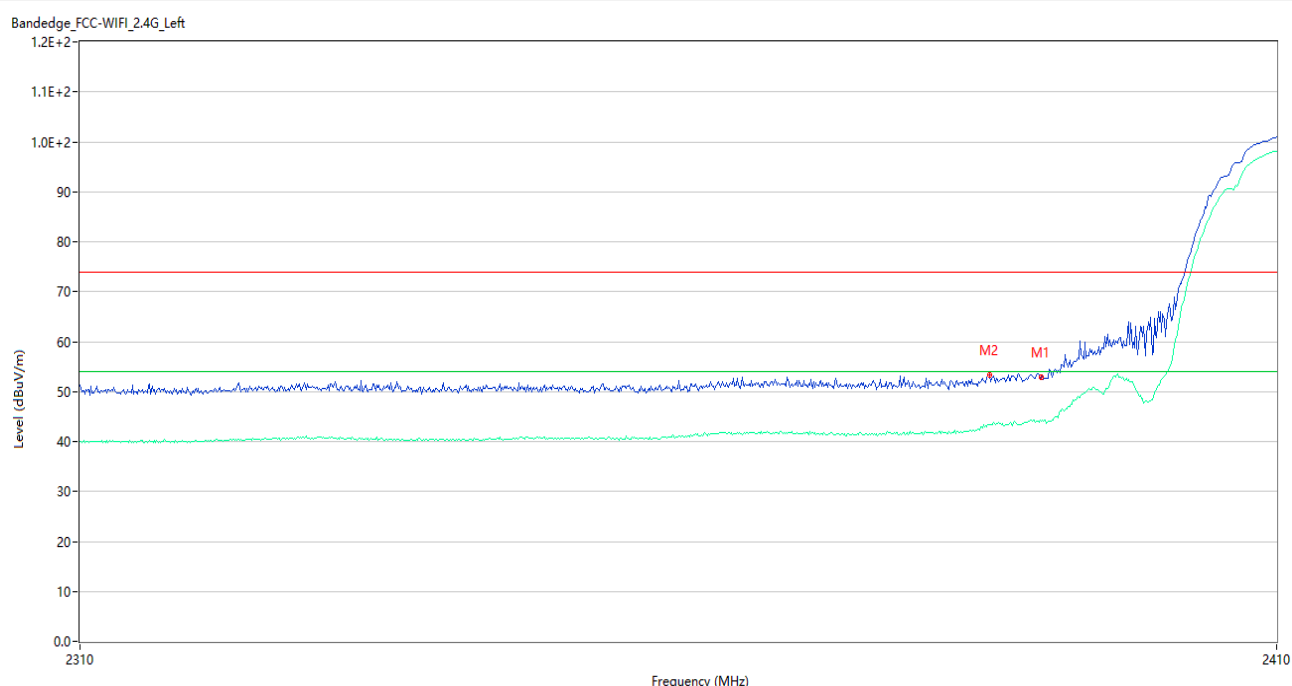
Note 1: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

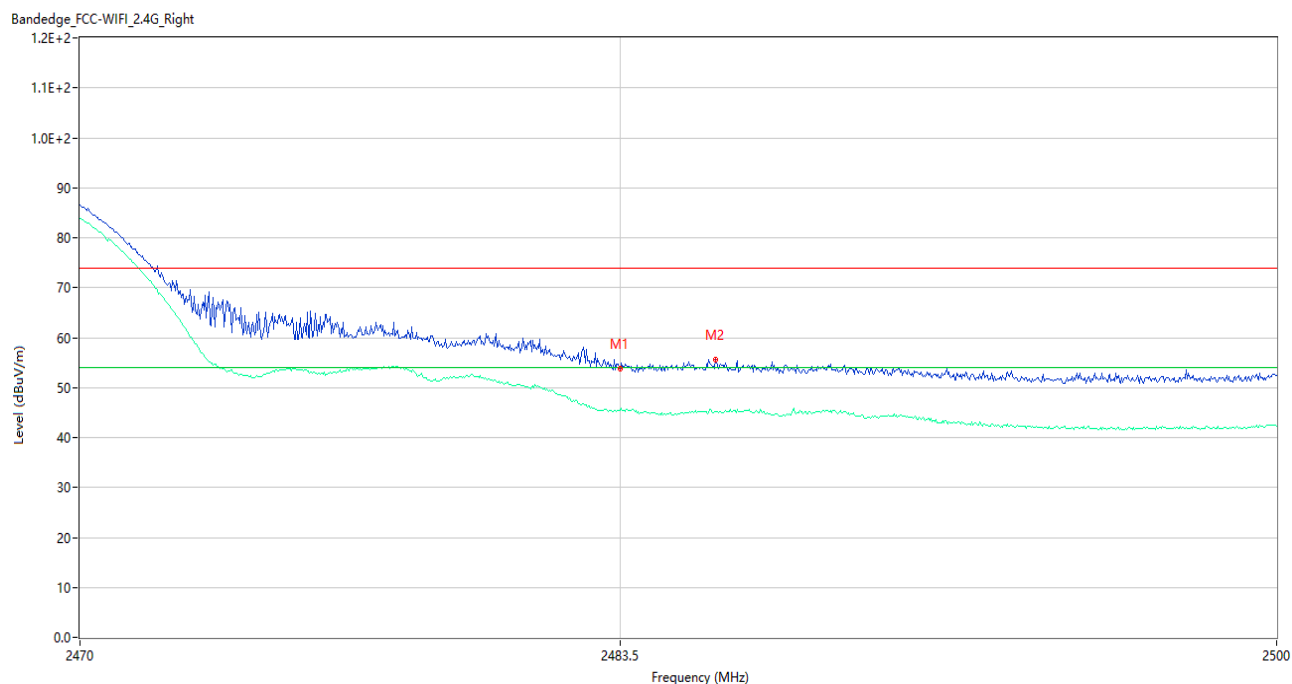
Test Data and Plots

802.11b LOW CHANNEL



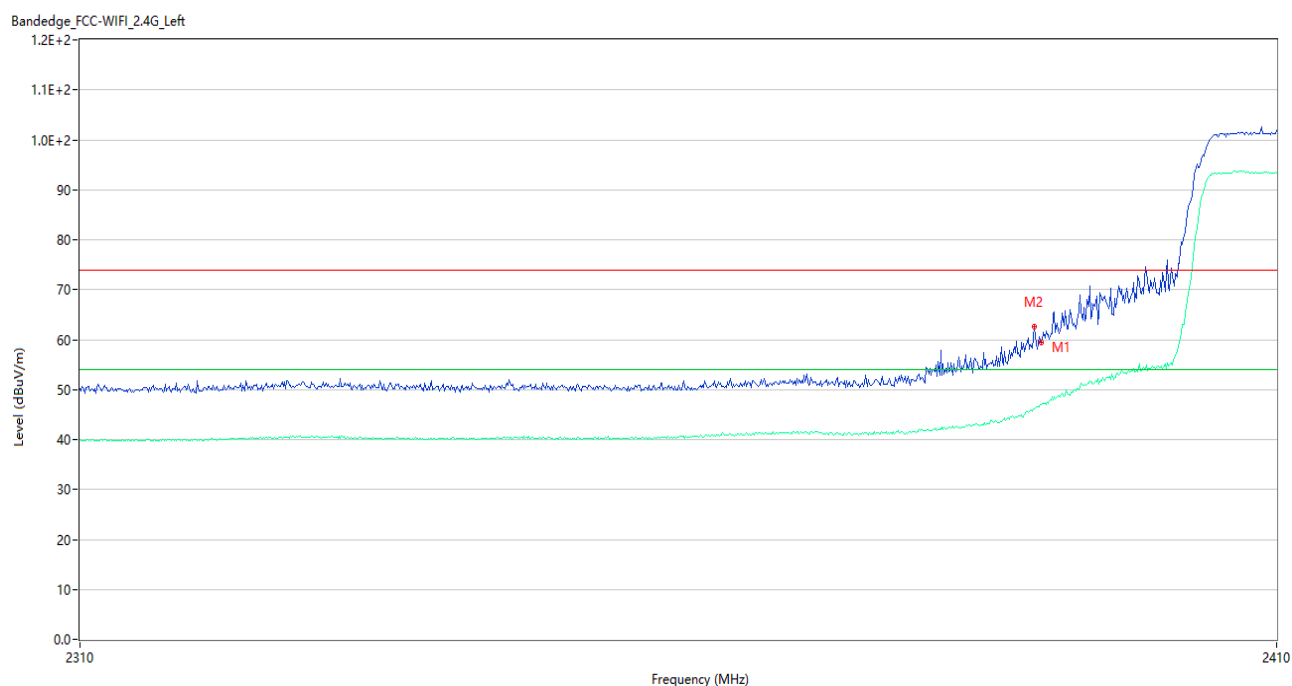
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.78	-4.87	74.0	21.22	Peak	153.91	150	Horizontal	Pass
1**	2390.000	44.01	-4.87	54.0	9.99	AV	153.91	150	Horizontal	Pass
2	2385.600	53.24	-4.62	74.0	20.76	Peak	84.00	150	Horizontal	Pass
2**	2385.600	43.41	-4.62	54.0	10.59	AV	84.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



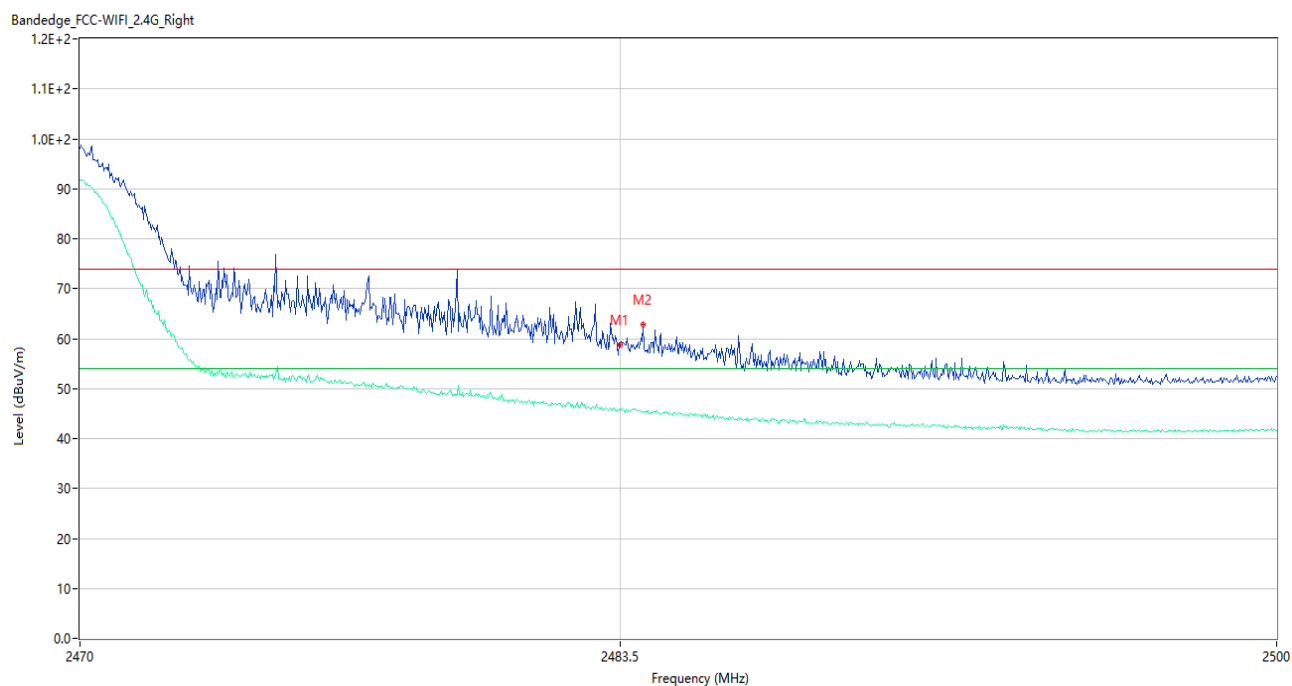
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	53.86	-3.78	74.0	20.14	Peak	84.00	150	Horizontal	Pass
1**	2483.500	45.48	-3.78	54.0	8.52	AV	84.00	150	Horizontal	Pass
2	2485.900	55.61	-3.78	74.0	18.39	Peak	78.00	150	Horizontal	Pass
2**	2485.900	45.11	-3.78	54.0	8.89	AV	78.00	150	Horizontal	Pass

802.11g LOW CHANNEL



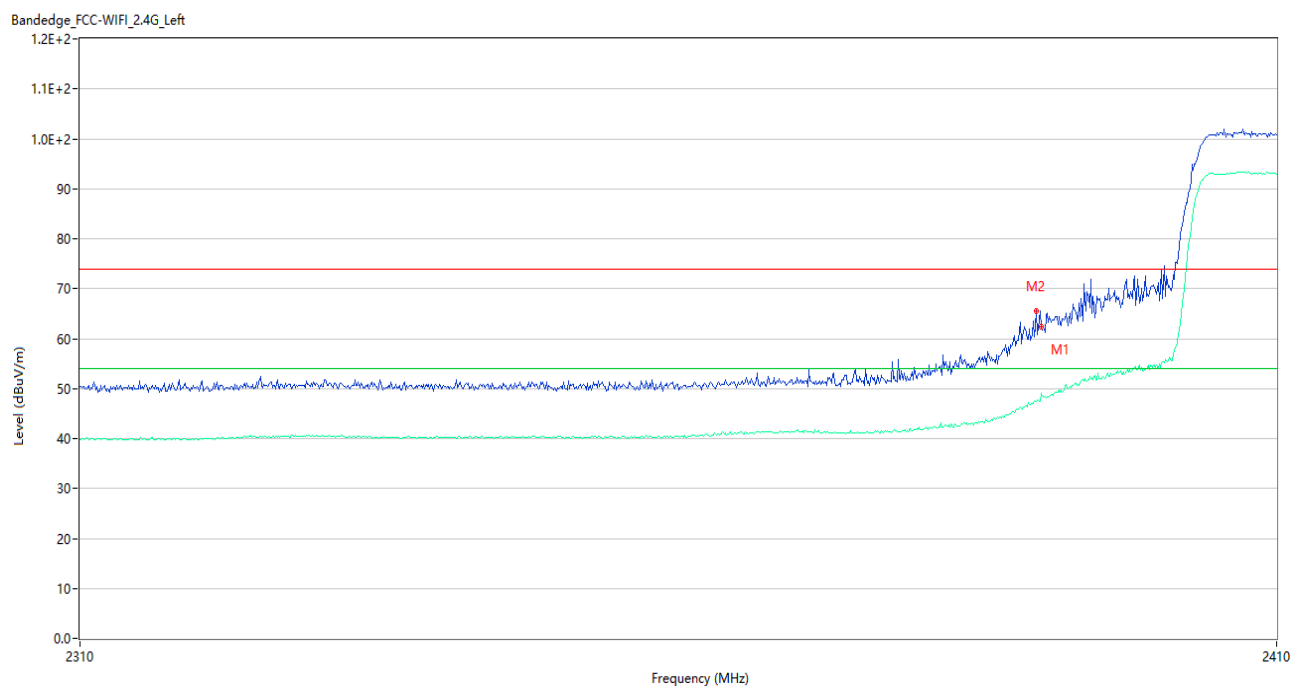
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	59.40	-4.87	74.0	14.60	Peak	77.05	150	Horizontal	Pass
1**	2390.000	47.00	-4.87	54.0	7.00	AV	77.05	150	Horizontal	Pass
2	2389.400	62.58	-4.84	74.0	11.42	Peak	77.00	150	Horizontal	Pass
2**	2389.400	46.11	-4.84	54.0	7.89	AV	77.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



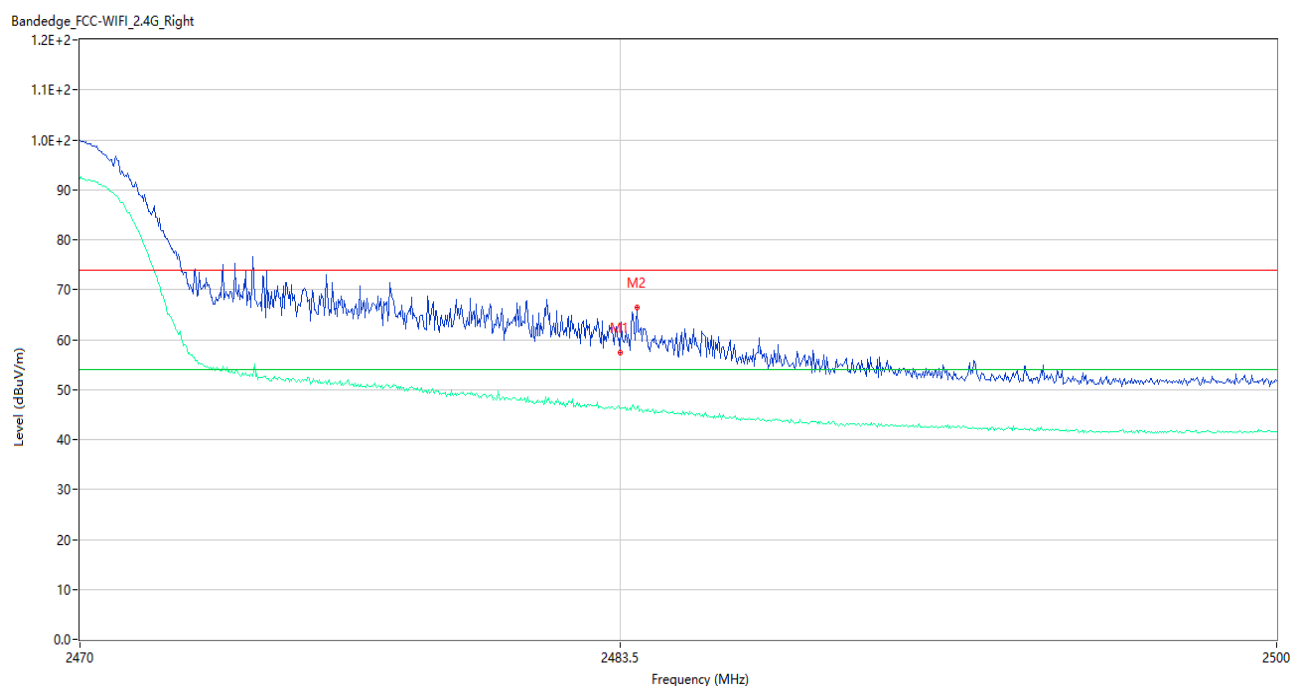
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	58.66	-3.78	74.0	15.34	Peak	84.00	150	Horizontal	Pass
1**	2483.500	45.98	-3.78	54.0	8.02	AV	84.00	150	Horizontal	Pass
2	2484.070	62.79	-3.78	74.0	11.21	Peak	135.00	150	Horizontal	Pass
2**	2484.070	45.46	-3.78	54.0	8.54	AV	135.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



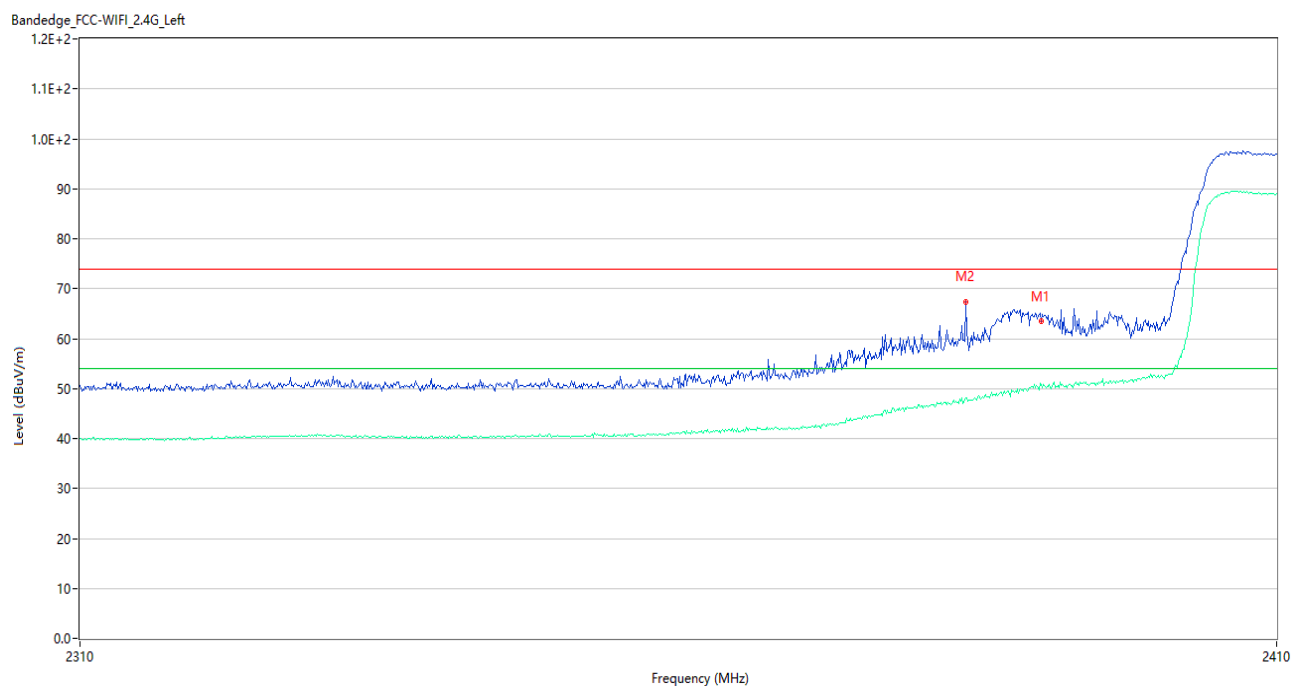
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	62.44	-4.87	74.0	11.56	Peak	69.02	150	Horizontal	Pass
1**	2390.000	49.02	-4.87	54.0	4.98	AV	69.02	150	Horizontal	Pass
2	2389.600	65.60	-4.85	74.0	8.40	Peak	124.00	150	Horizontal	Pass
2**	2389.600	47.42	-4.85	54.0	6.58	AV	124.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



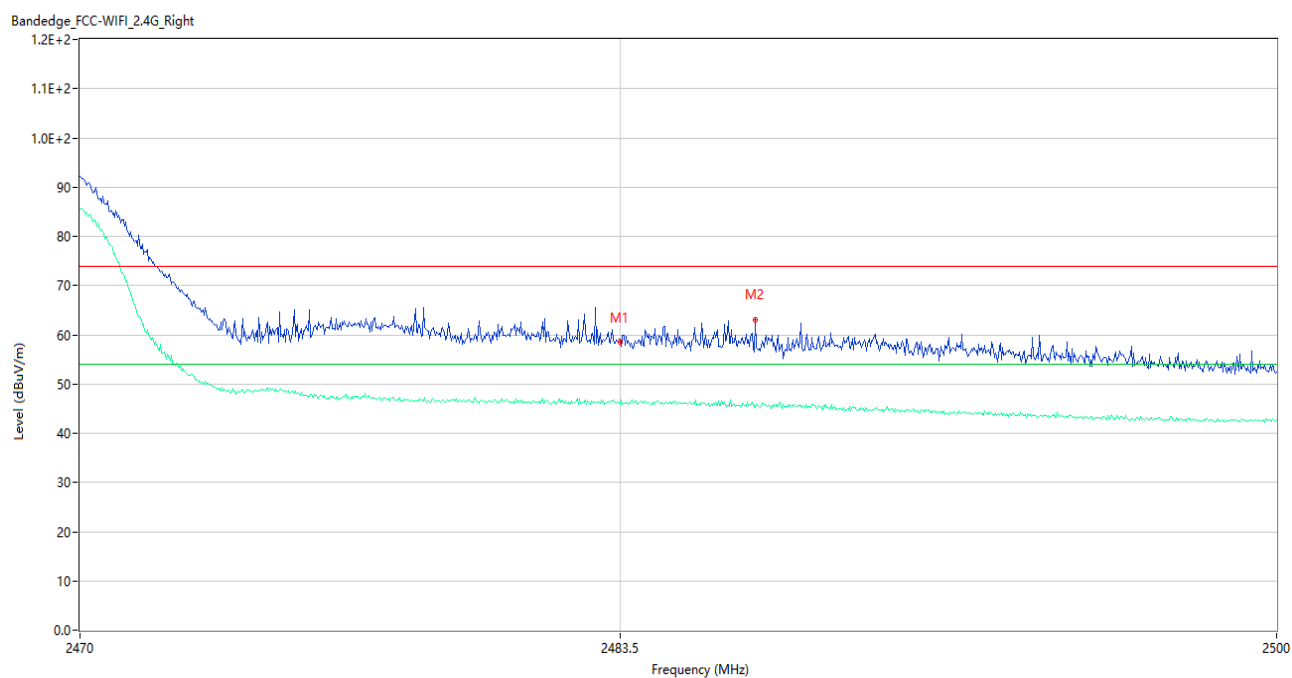
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.49	-3.78	74.0	16.51	Peak	83.00	150	Horizontal	Pass
1**	2483.500	46.03	-3.78	54.0	7.97	AV	83.00	150	Horizontal	Pass
2	2483.920	66.55	-3.78	74.0	7.45	Peak	77.00	150	Horizontal	Pass
2**	2483.920	46.42	-3.78	54.0	7.58	AV	77.00	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	63.51	-4.87	74.0	10.49	Peak	124.95	150	Horizontal	Pass
1**	2390.000	50.74	-4.87	54.0	3.26	AV	124.95	150	Horizontal	Pass
2	2383.600	67.44	-4.51	74.0	6.56	Peak	76.00	150	Horizontal	Pass
2**	2383.600	48.10	-4.51	54.0	5.90	AV	76.00	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	57.77	-3.78	74.0	16.23	Peak	120.00	150	Horizontal	Pass
1**	2483.500	45.67	-3.78	54.0	8.33	AV	120.00	150	Horizontal	Pass
2	2486.890	63.00	-3.80	74.0	11.00	Peak	84.00	150	Horizontal	Pass
2**	2486.890	45.31	-3.80	54.0	8.69	AV	84.00	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	-5.19	8
Middle	-4.82	8
High	-4.22	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.91	8
Middle	-10.91	8
High	-12.10	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.91	8
Middle	-10.88	8
High	-12.05	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.93	8
Middle	-15.50	8
High	-15.53	8

Test Plots

802.11b LOW CHANNEL



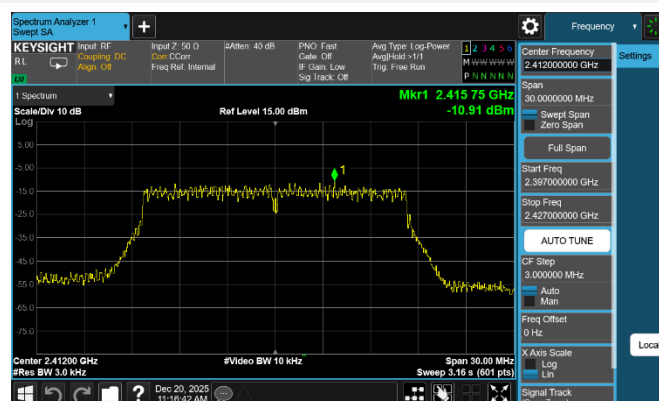
802.11b MIDDLE CHANNEL



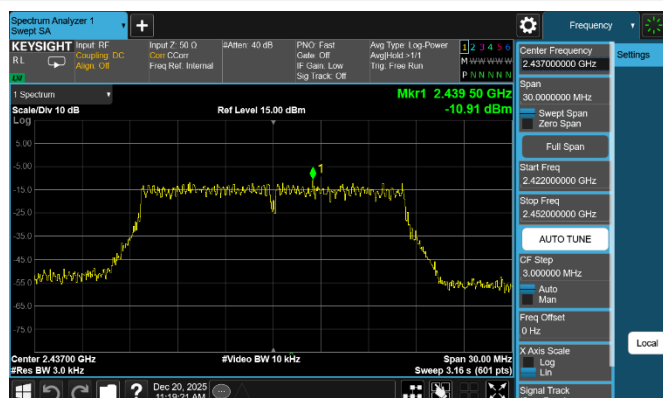
802.11b HIGH CHANNEL



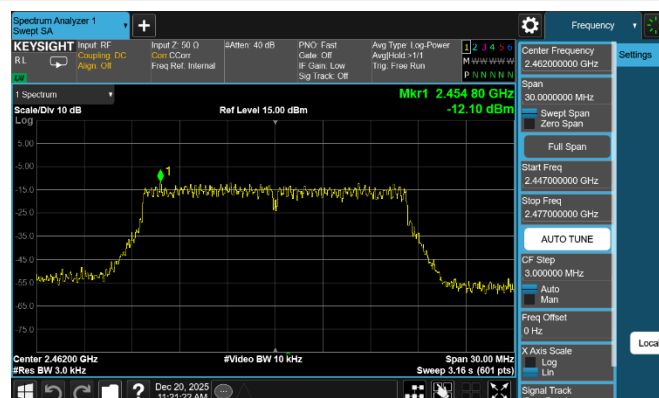
802.11g LOW CHANNEL



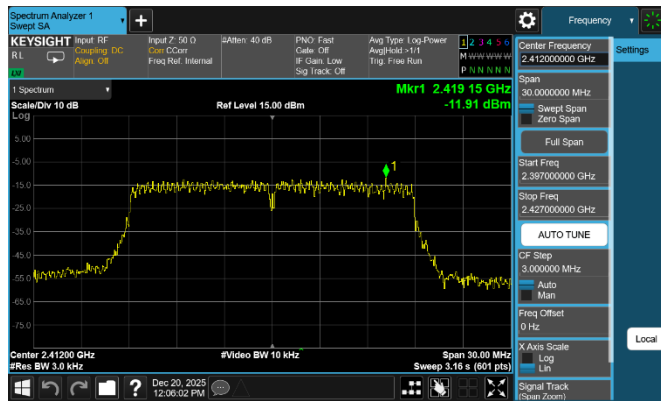
802.11g MIDDLE CHANNEL



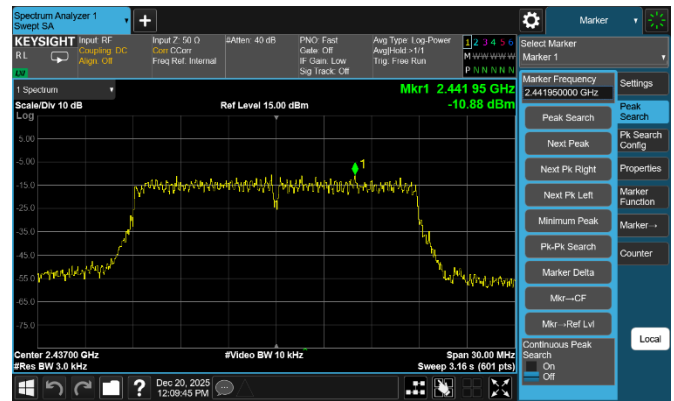
802.11g HIGH CHANNEL



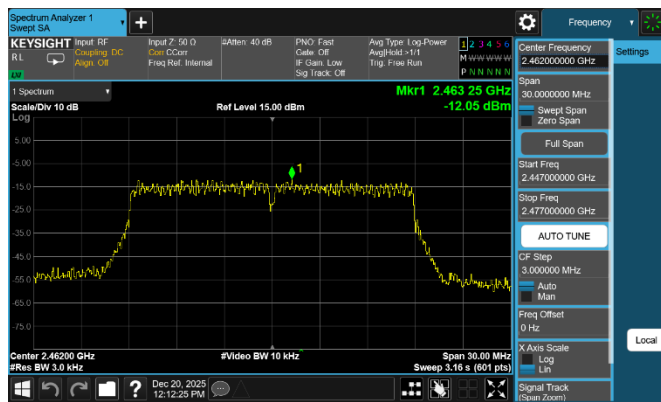
802.11n-20 MHz LOW CHANNEL



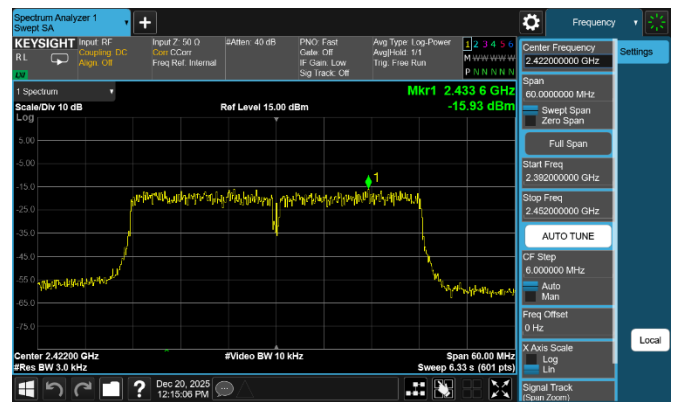
802.11 n-20 MHz MIDDLE CHANNEL



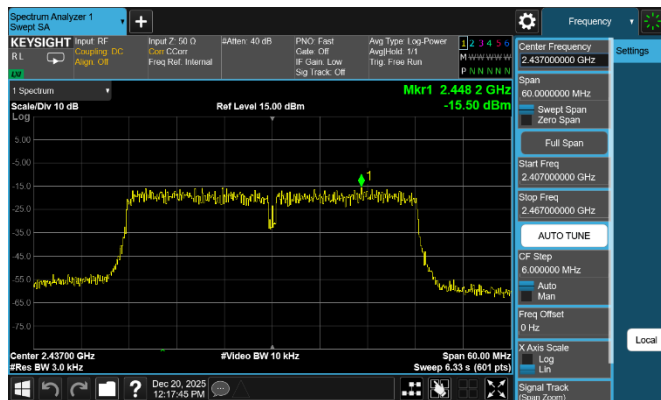
802.11n-20 MHz HIGH CHANNEL



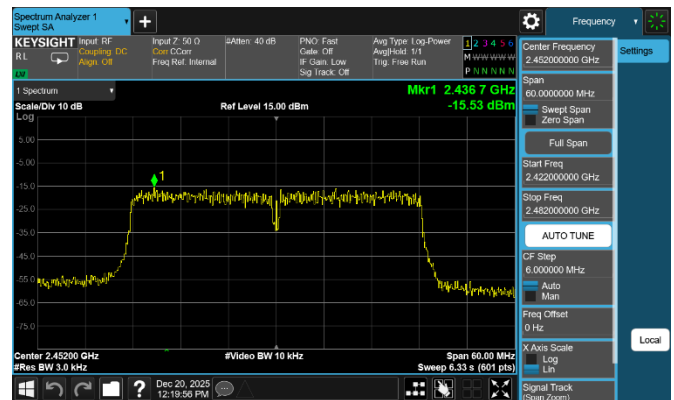
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25C0730-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25C0730-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25C0730-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--