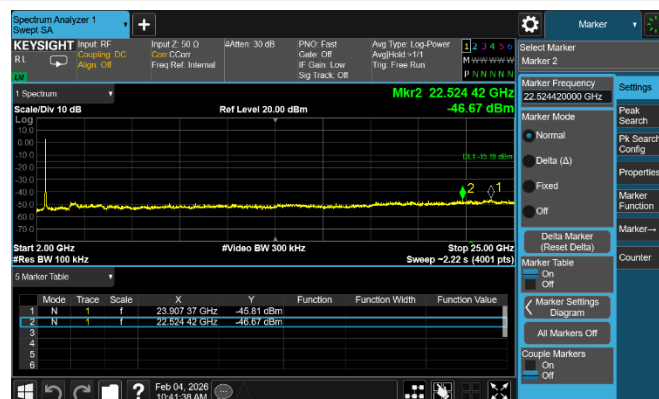


802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11g HIGH CHANNEL CARRIER LEVEL



802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



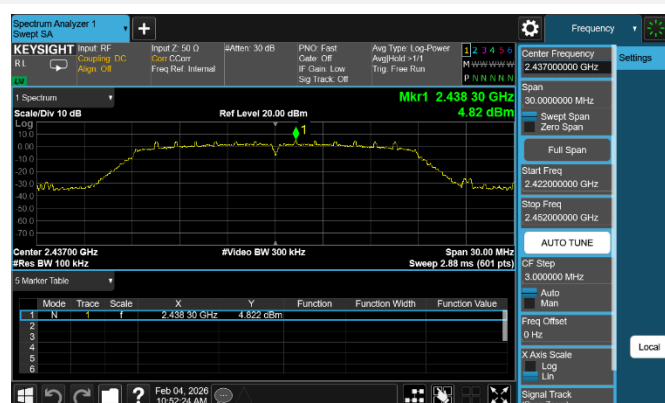
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



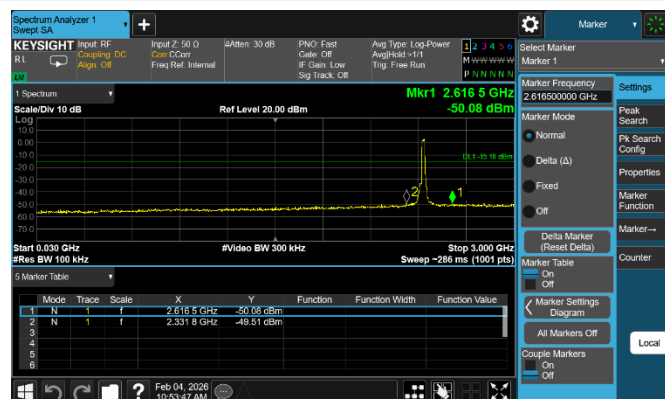
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

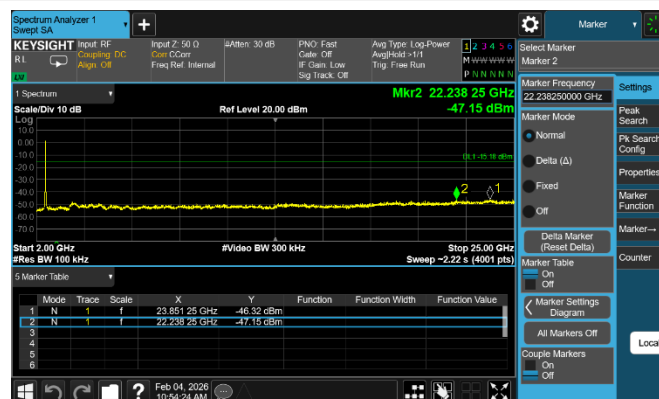
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



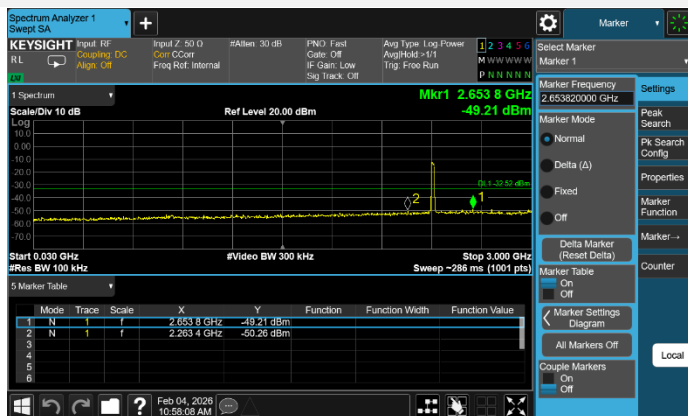
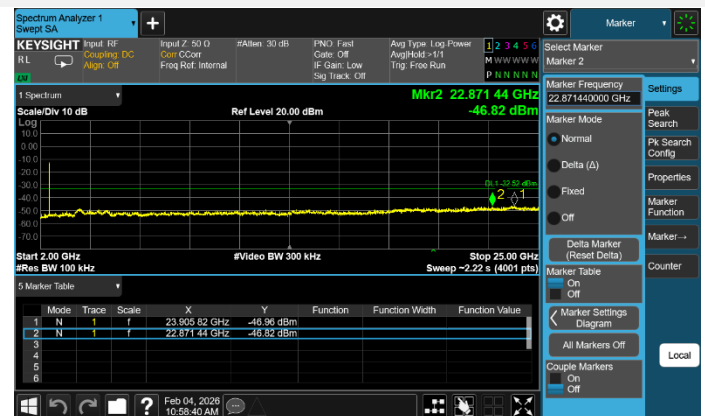
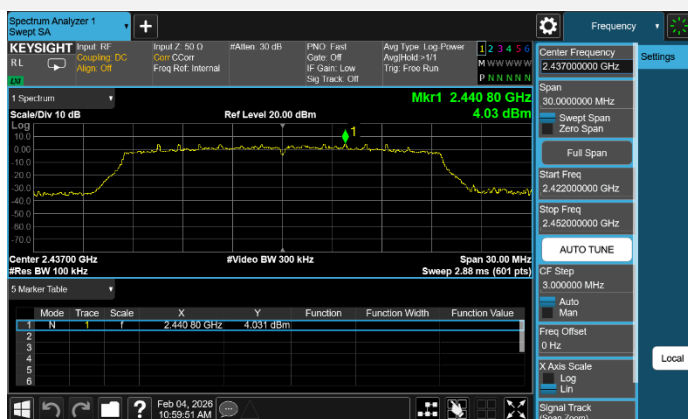
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



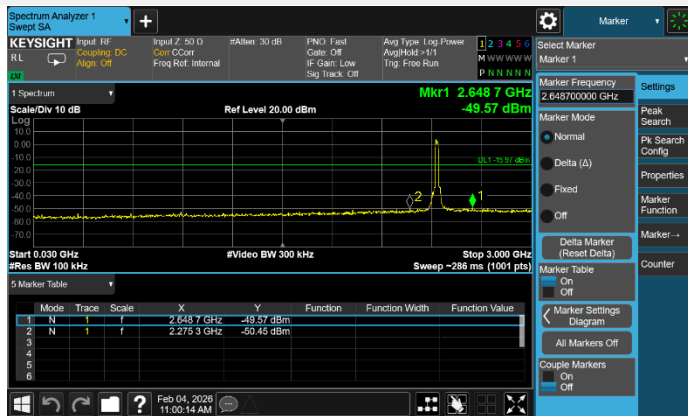
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



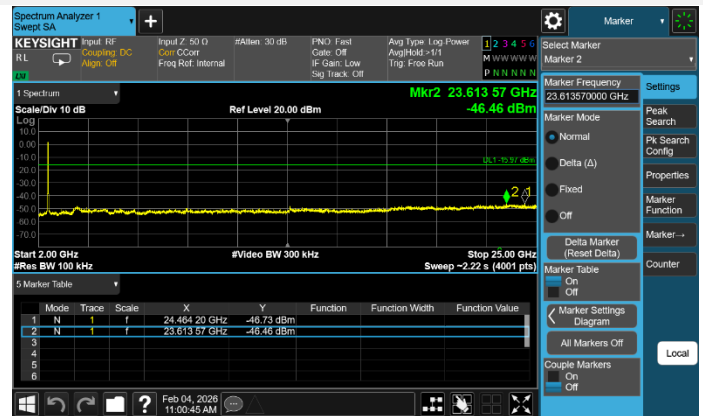
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER
LEVEL

802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



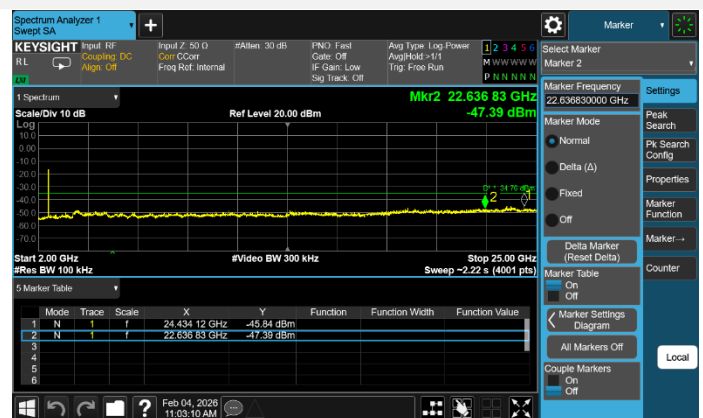
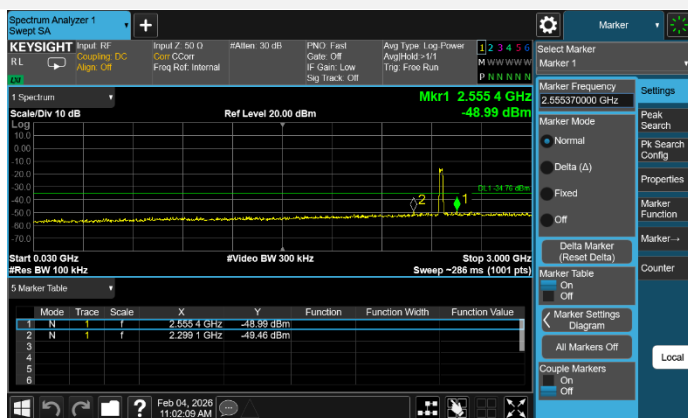
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 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 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	-27.68	7.18	-12.82	Pass
High	-49.29	7.42	-12.58	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.20	0.95	-19.05	Pass
High	-48.66	0.45	-19.55	Pass

802.11n-20 MHz Mode:

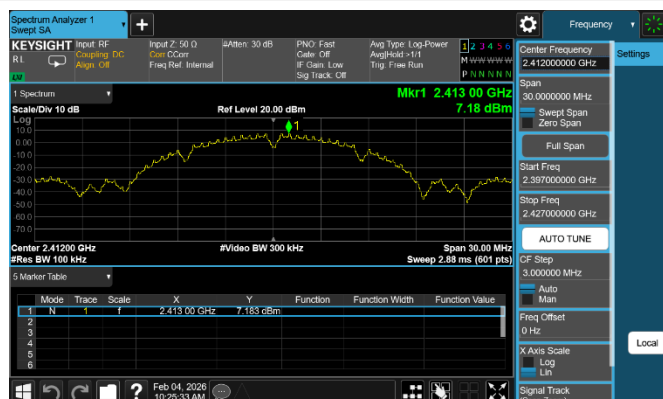
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.90	0.91	-19.09	Pass
High	-47.84	-0.49	-20.49	Pass

802.11ax-20 MHz(SU) Mode:

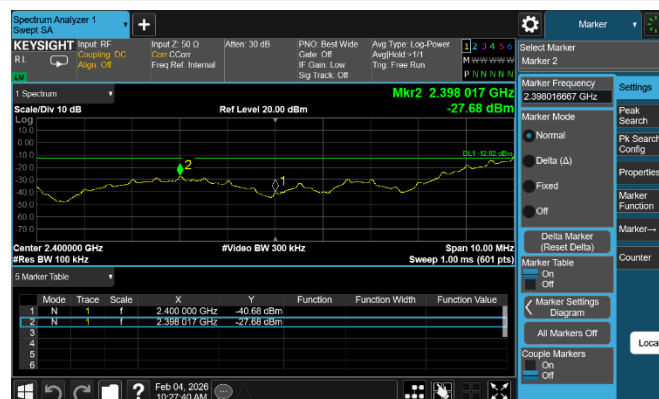
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-43.90	-12.52	-32.52	Pass
High	-52.13	-14.76	-34.76	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



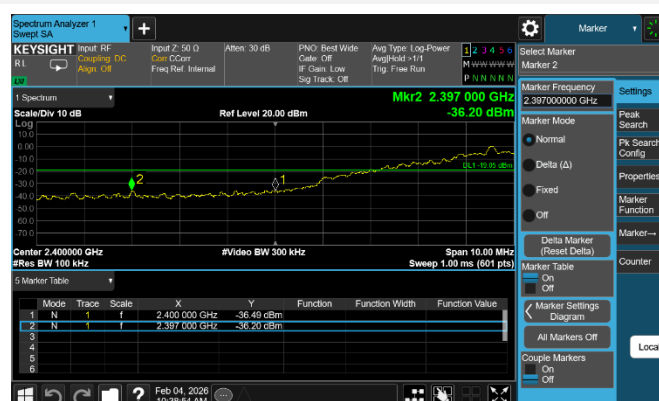
802.11b HIGH CHANNEL, BAND EDGE



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



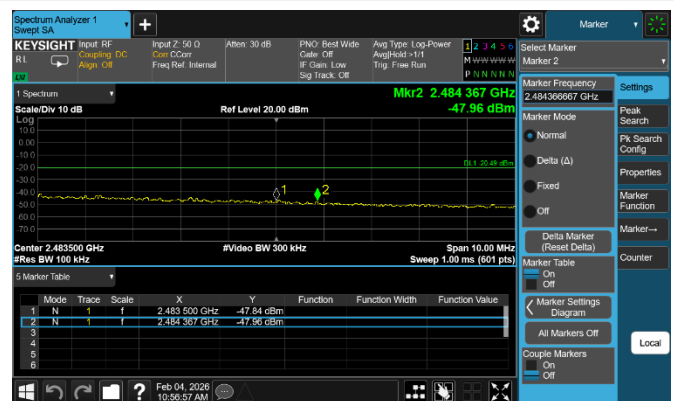
802.11n-20 MHz LOW CHANNEL, BAND EDGE



802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



802.11ax-20 MHz LOW CHANNEL, CARRIER LEVEL



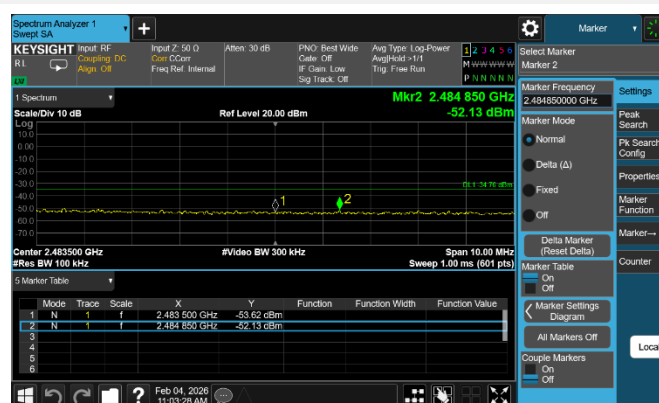
802.11ax-20 MHz LOW CHANNEL, BAND EDGE



802.11ax-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11ax-20 MHz HIGH CHANNEL, BAND EDGE



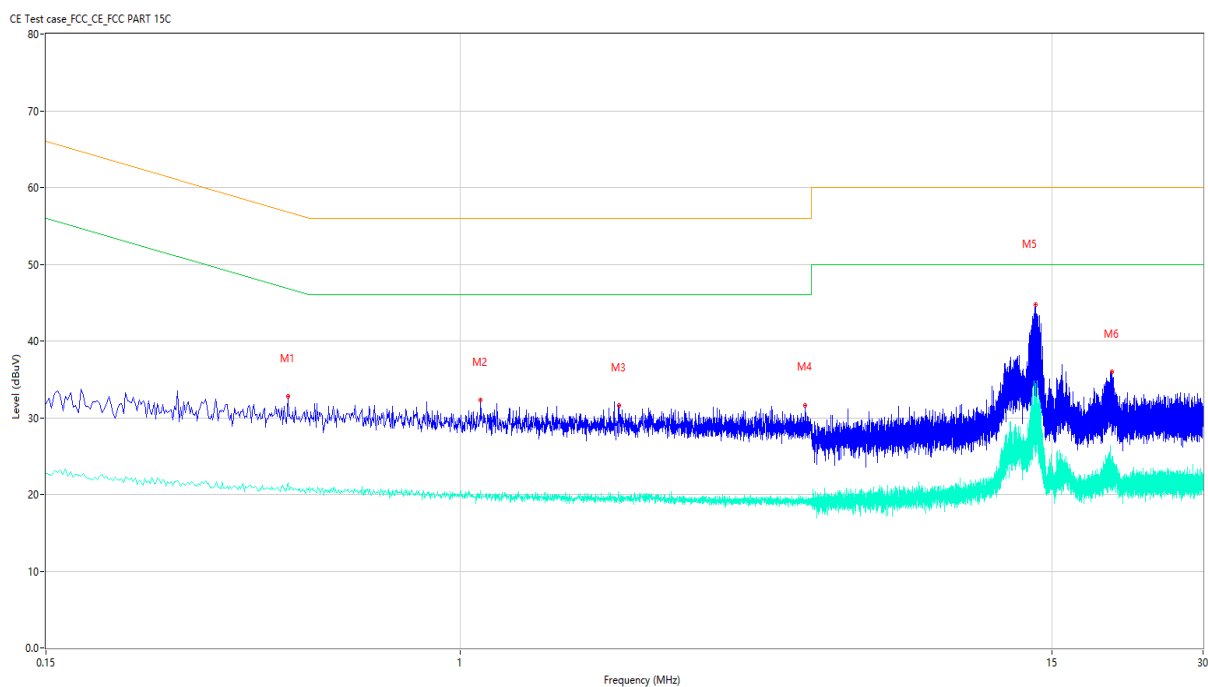
A.5 Conducted Emission

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

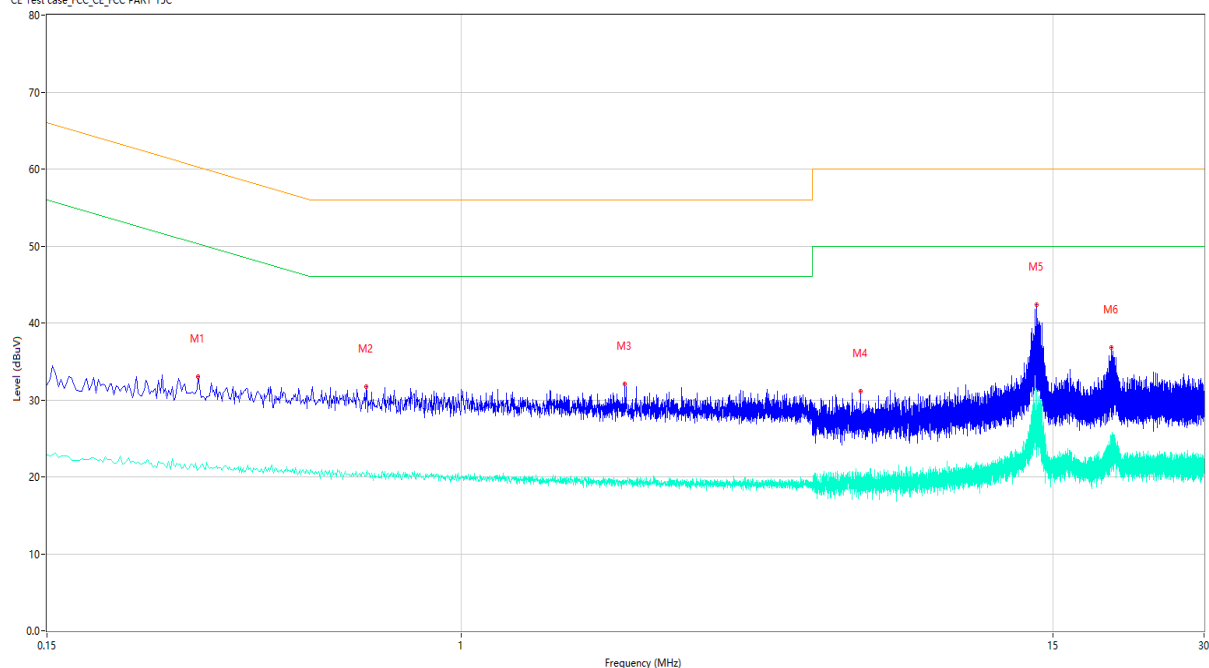
PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.454	32.81	10.14	56.80	23.99	Peak	L	Pass
1**	0.454	21.53	10.14	46.80	25.27	AV	L	Pass
2	1.098	32.28	10.20	56.00	23.72	Peak	L	Pass
2**	1.098	20.43	10.20	46.00	25.57	AV	L	Pass
3	2.070	31.59	10.35	56.00	24.41	Peak	L	Pass
3**	2.070	19.35	10.35	46.00	26.65	AV	L	Pass
4	4.854	31.63	10.44	56.00	24.37	Peak	L	Pass
4**	4.854	18.75	10.44	46.00	27.25	AV	L	Pass
5	13.952	44.68	11.13	60.00	15.32	Peak	L	Pass
5**	13.952	33.20	11.13	50.00	16.80	AV	L	Pass
6	19.766	36.02	11.19	60.00	23.98	Peak	L	Pass
6**	19.766	24.65	11.19	50.00	25.35	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	0.300	32.97	10.15	60.24	27.27	Peak	N	Pass
1**	0.300	20.97	10.15	50.24	29.27	AV	N	Pass
2	0.646	31.66	10.21	56.00	24.34	Peak	N	Pass
2**	0.646	20.13	10.21	46.00	25.87	AV	N	Pass
3	2.116	32.07	10.25	56.00	23.93	Peak	N	Pass
3**	2.116	19.30	10.25	46.00	26.70	AV	N	Pass
4	6.218	31.08	10.54	60.00	28.92	Peak	N	Pass
4**	6.218	19.27	10.54	50.00	30.73	AV	N	Pass
5	13.962	42.40	11.09	60.00	17.60	Peak	N	Pass
5**	13.962	29.77	11.09	50.00	20.23	AV	N	Pass
6	19.656	36.76	11.37	60.00	23.24	Peak	N	Pass
6**	19.656	25.32	11.37	50.00	24.68	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.

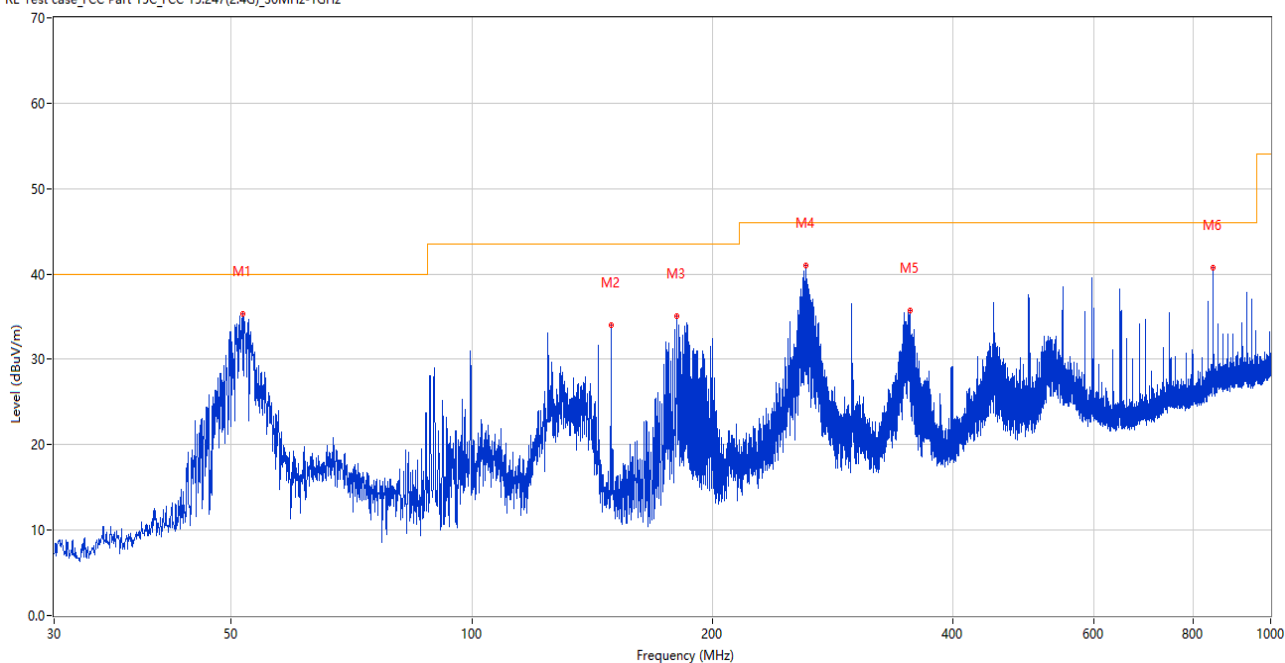
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

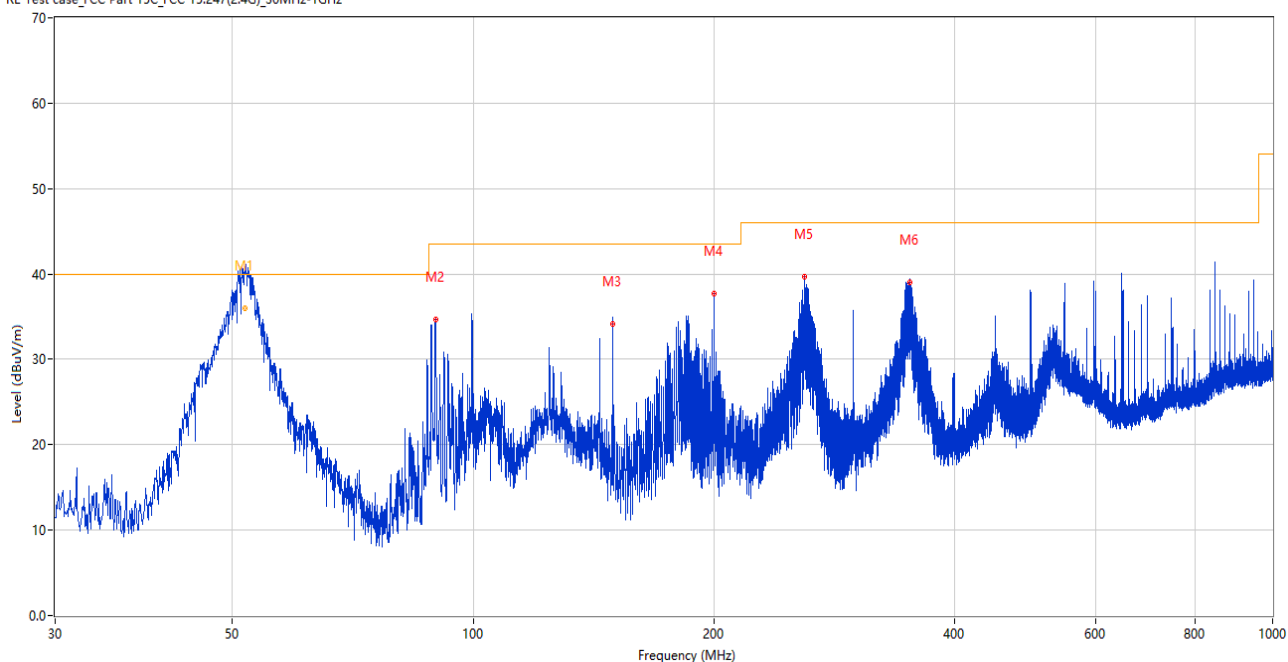
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.679	35.35	-24.68	40.0	4.65	Peak	174.00	200	Horizontal	Pass
2	149.407	33.96	-29.60	43.5	9.54	Peak	80.00	100	Horizontal	Pass
3	180.641	35.04	-27.74	43.5	8.46	Peak	108.00	100	Horizontal	Pass
4	261.781	40.99	-24.13	46.0	5.01	Peak	151.00	100	Horizontal	Pass
5	353.641	35.68	-21.63	46.0	10.32	Peak	203.00	100	Horizontal	Pass
6	846.546	40.74	-10.50	46.0	5.26	Peak	53.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



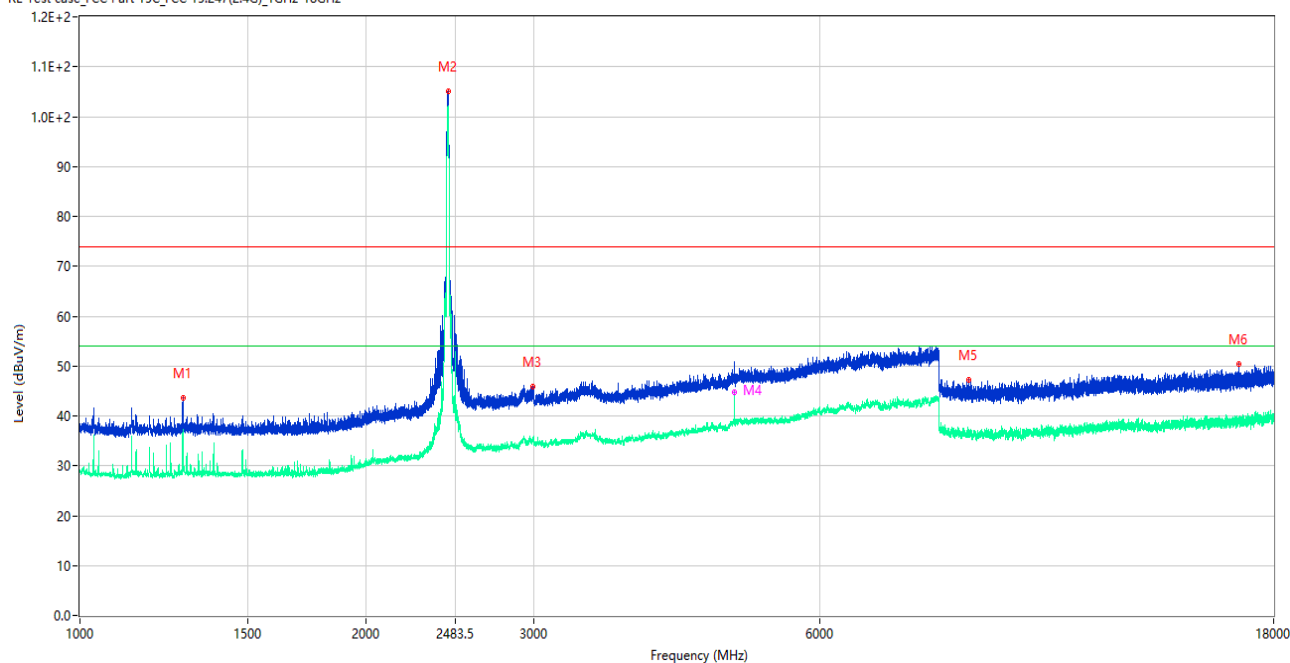
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.877	33.88	-24.70	40.0	6.12	Peak	259.00	100	Vertical	N/A
1*	51.877	35.95	-24.70	40.0	4.05	QP	259.00	100	Vertical	Pass
2	89.703	34.71	-28.12	43.5	8.79	Peak	360.00	100	Vertical	Pass
3	149.456	33.91	-29.60	43.5	9.59	Peak	216.00	200	Vertical	Pass
4	199.992	37.73	-25.75	43.5	5.77	Peak	179.00	100	Vertical	Pass
5	259.502	39.71	-24.12	46.0	6.29	Peak	112.00	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

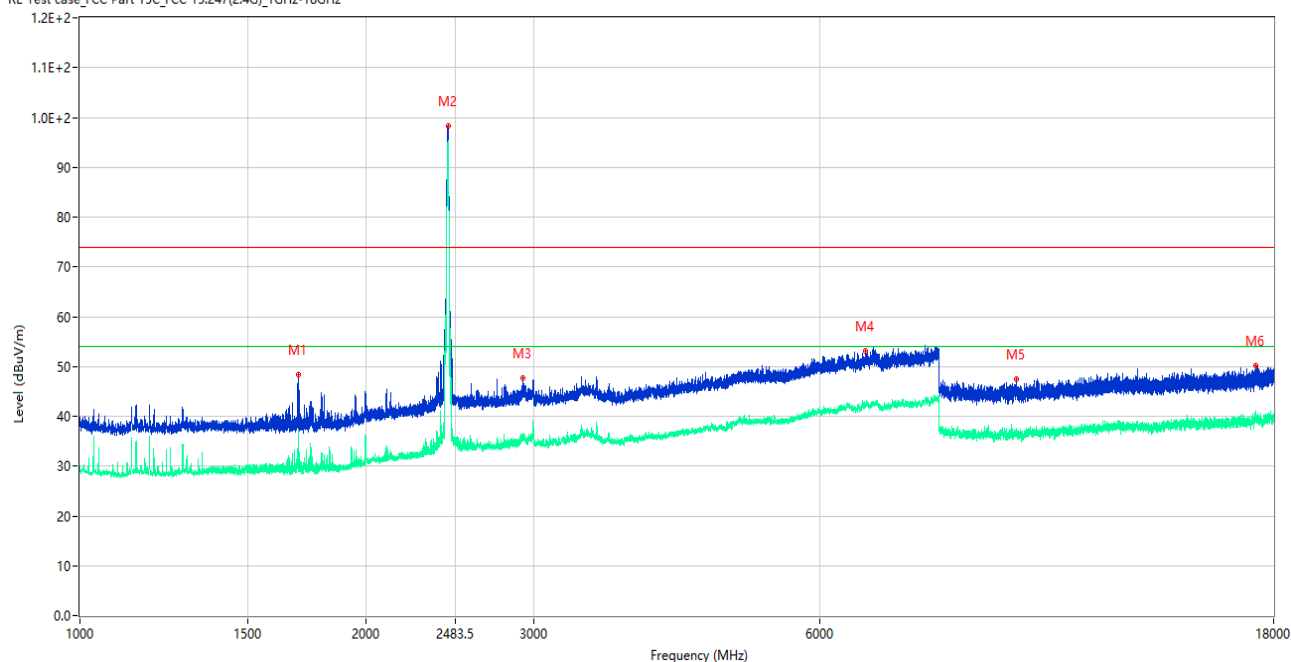
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.750	43.67	-15.95	74.0	30.33	Peak	146.00	150	Horizontal	Pass
1**	1282.750	36.89	-15.95	54.0	17.11	AV	146.00	150	Horizontal	Pass
2	2438.250	105.04	-12.38	74.0	-31.04	Peak	118.00	150	Horizontal	N/A
2**	2438.250	102.13	-12.38	54.0	-48.13	AV	118.00	150	Horizontal	N/A
3	2995.250	45.89	-8.88	74.0	28.11	Peak	42.00	150	Horizontal	Pass
3**	2995.250	35.25	-8.88	54.0	18.75	AV	42.00	150	Horizontal	Pass
4	4874.500	49.31	-2.25	74.0	24.69	Peak	241.00	150	Horizontal	Pass
4**	4874.500	44.80	-2.25	54.0	9.20	AV	241.00	150	Horizontal	Pass
5	8596.500	47.14	-4.85	74.0	26.86	Peak	0.00	150	Horizontal	Pass
5**	8596.500	36.47	-4.85	54.0	17.53	AV	0.00	150	Horizontal	Pass
6	16545.500	50.29	-1.29	74.0	23.71	Peak	36.00	150	Horizontal	Pass
6**	16545.500	39.25	-1.29	54.0	14.75	AV	36.00	150	Horizontal	Pass

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

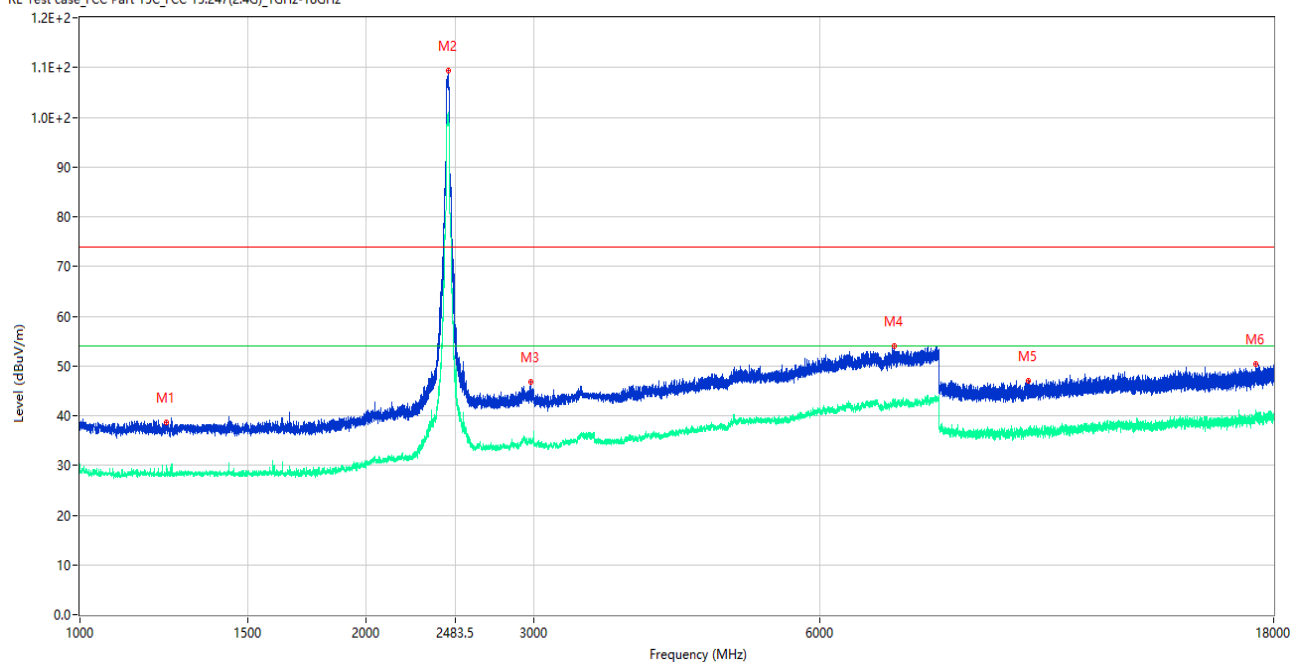
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1696.500	48.38	-16.50	74.0	25.62	Peak	0.00	150	Vertical	Pass
1**	1696.500	35.36	-16.50	54.0	18.64	AV	0.00	150	Vertical	Pass
2	2438.000	98.20	-12.38	74.0	-24.20	Peak	208.00	150	Vertical	N/A
2**	2438.000	95.04	-12.38	54.0	-41.04	AV	208.00	150	Vertical	N/A
3	2925.000	47.61	-8.21	74.0	26.39	Peak	141.00	150	Vertical	Pass
3**	2925.000	35.74	-8.21	54.0	18.26	AV	141.00	150	Vertical	Pass
4	6692.500	53.13	0.15	74.0	20.87	Peak	102.00	150	Vertical	Pass
4**	6692.500	41.97	0.15	54.0	12.03	AV	102.00	150	Vertical	Pass
5	9658.500	47.44	-3.26	74.0	26.56	Peak	331.00	150	Vertical	Pass
5**	9658.500	36.88	-3.26	54.0	17.12	AV	331.00	150	Vertical	Pass
6	17247.500	50.24	-0.72	74.0	23.76	Peak	11.00	150	Vertical	Pass
6**	17247.500	39.67	-0.72	54.0	14.33	AV	11.00	150	Vertical	Pass

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

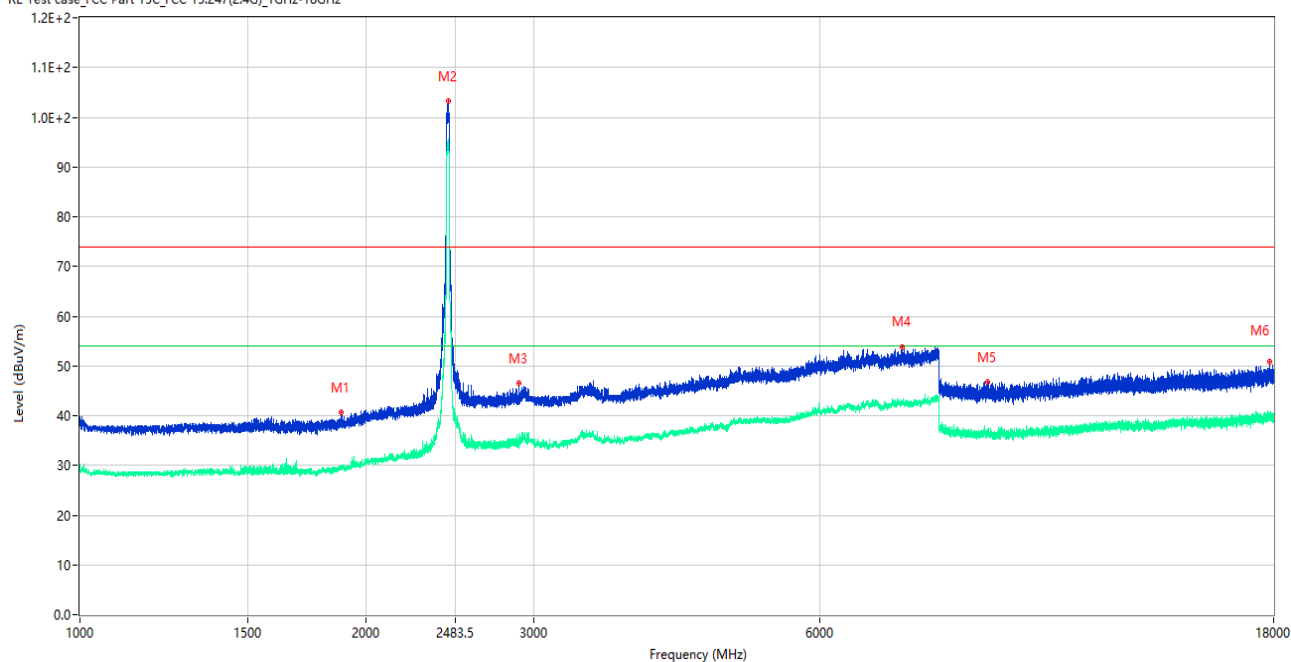
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1231.500	38.58	-16.01	74.0	35.42	Peak	250.00	150	Horizontal	Pass
1**	1231.500	28.43	-16.01	54.0	25.57	AV	250.00	150	Horizontal	Pass
2	2438.000	109.37	-12.38	74.0	-35.37	Peak	169.00	150	Horizontal	N/A
2**	2438.000	99.93	-12.38	54.0	-45.93	AV	169.00	150	Horizontal	N/A
3	2976.000	46.77	-8.79	74.0	27.23	Peak	0.00	150	Horizontal	Pass
3**	2976.000	35.00	-8.79	54.0	19.00	AV	0.00	150	Horizontal	Pass
4	7175.500	53.91	0.18	74.0	20.09	Peak	301.00	150	Horizontal	Pass
4**	7175.500	43.04	0.18	54.0	10.96	AV	301.00	150	Horizontal	Pass
5	9927.999	47.00	-4.09	74.0	27.00	Peak	271.00	150	Horizontal	Pass
5**	9927.999	36.80	-4.09	54.0	17.20	AV	271.00	150	Horizontal	Pass
6	17250.501	50.39	-0.59	74.0	23.61	Peak	0.00	150	Horizontal	Pass
6**	17250.501	41.09	-0.59	54.0	12.91	AV	0.00	150	Horizontal	Pass

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

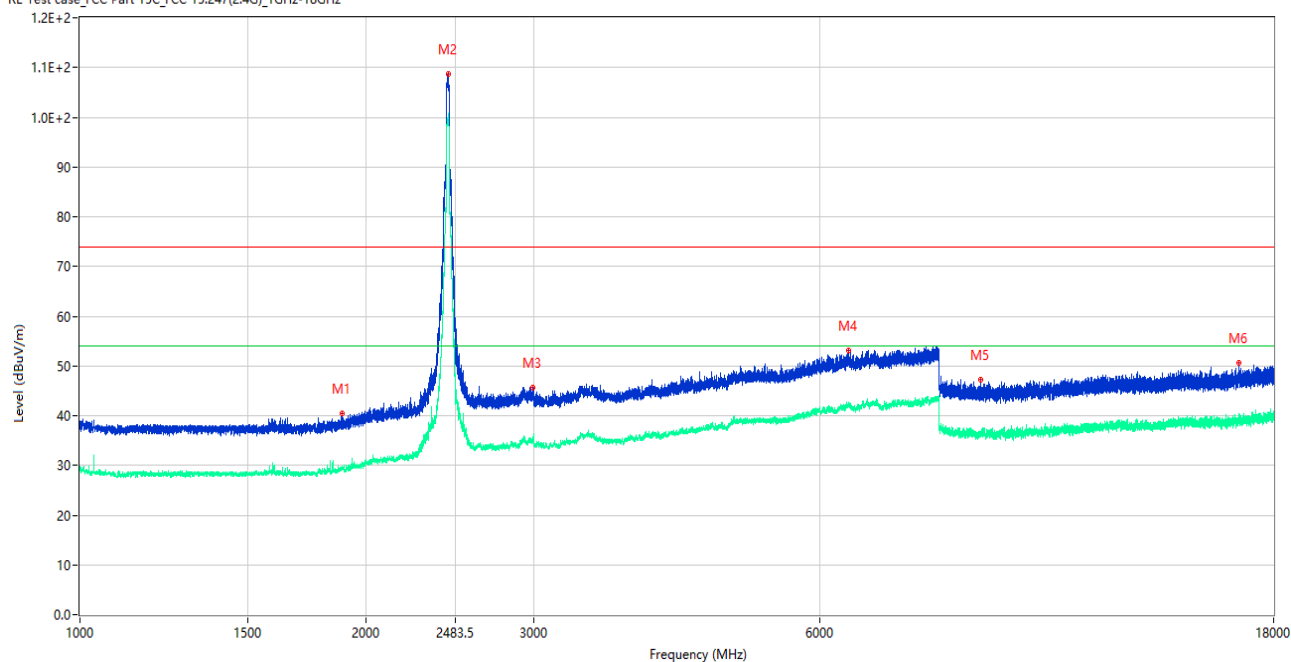
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1883.250	40.59	-15.32	74.0	33.41	Peak	149.00	150	Vertical	Pass
1**	1883.250	29.49	-15.32	54.0	24.51	AV	149.00	150	Vertical	Pass
2	2438.250	103.19	-12.38	74.0	-29.19	Peak	145.00	150	Vertical	N/A
2**	2438.250	95.48	-12.38	54.0	-41.48	AV	145.00	150	Vertical	N/A
3	2895.750	46.49	-9.79	74.0	27.51	Peak	282.00	150	Vertical	Pass
3**	2895.750	34.49	-9.79	54.0	19.51	AV	282.00	150	Vertical	Pass
4	7324.500	53.87	0.71	74.0	20.13	Peak	82.00	150	Vertical	Pass
4**	7324.500	42.74	0.71	54.0	11.26	AV	82.00	150	Vertical	Pass
5	9013.500	46.86	-4.64	74.0	27.14	Peak	32.00	150	Vertical	Pass
5**	9013.500	36.49	-4.64	54.0	17.51	AV	32.00	150	Vertical	Pass
6	17807.000	50.76	1.04	74.0	23.24	Peak	118.00	150	Vertical	Pass
6**	17807.000	40.29	1.04	54.0	13.71	AV	118.00	150	Vertical	Pass

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

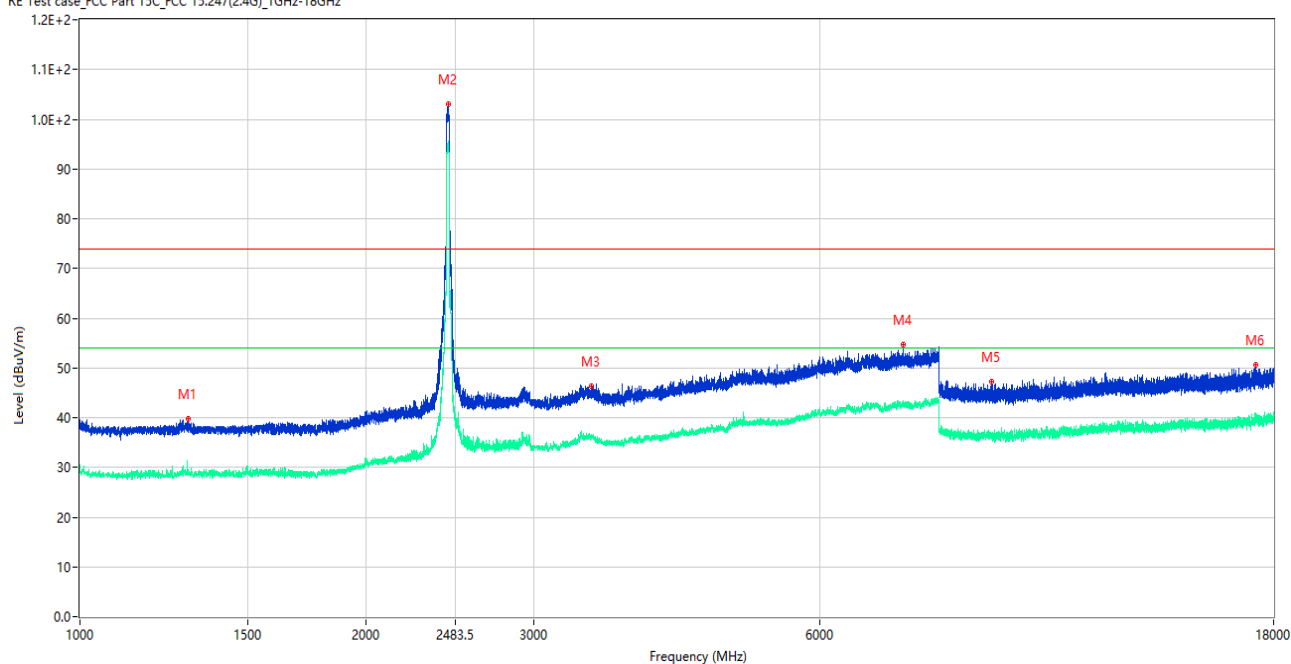
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1886.000	40.48	-15.32	74.0	33.52	Peak	268.00	150	Horizontal	Pass
1**	1886.000	29.55	-15.32	54.0	24.45	AV	268.00	150	Horizontal	Pass
2	2438.500	108.69	-12.37	74.0	-34.69	Peak	169.00	150	Horizontal	N/A
2**	2438.500	100.70	-12.37	54.0	-46.70	AV	169.00	150	Horizontal	N/A
3	2992.000	45.66	-9.06	74.0	28.34	Peak	300.00	150	Horizontal	Pass
3**	2992.000	35.03	-9.06	54.0	18.97	AV	300.00	150	Horizontal	Pass
4	6427.000	53.11	0.03	74.0	20.89	Peak	187.00	150	Horizontal	Pass
4**	6427.000	42.22	0.03	54.0	11.78	AV	187.00	150	Horizontal	Pass
5	8850.500	47.12	-4.66	74.0	26.88	Peak	1.00	150	Horizontal	Pass
5**	8850.500	36.59	-4.66	54.0	17.41	AV	1.00	150	Horizontal	Pass
6	16559.000	50.61	-0.94	74.0	23.39	Peak	360.00	150	Horizontal	Pass
6**	16559.000	39.72	-0.94	54.0	14.28	AV	360.00	150	Horizontal	Pass

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

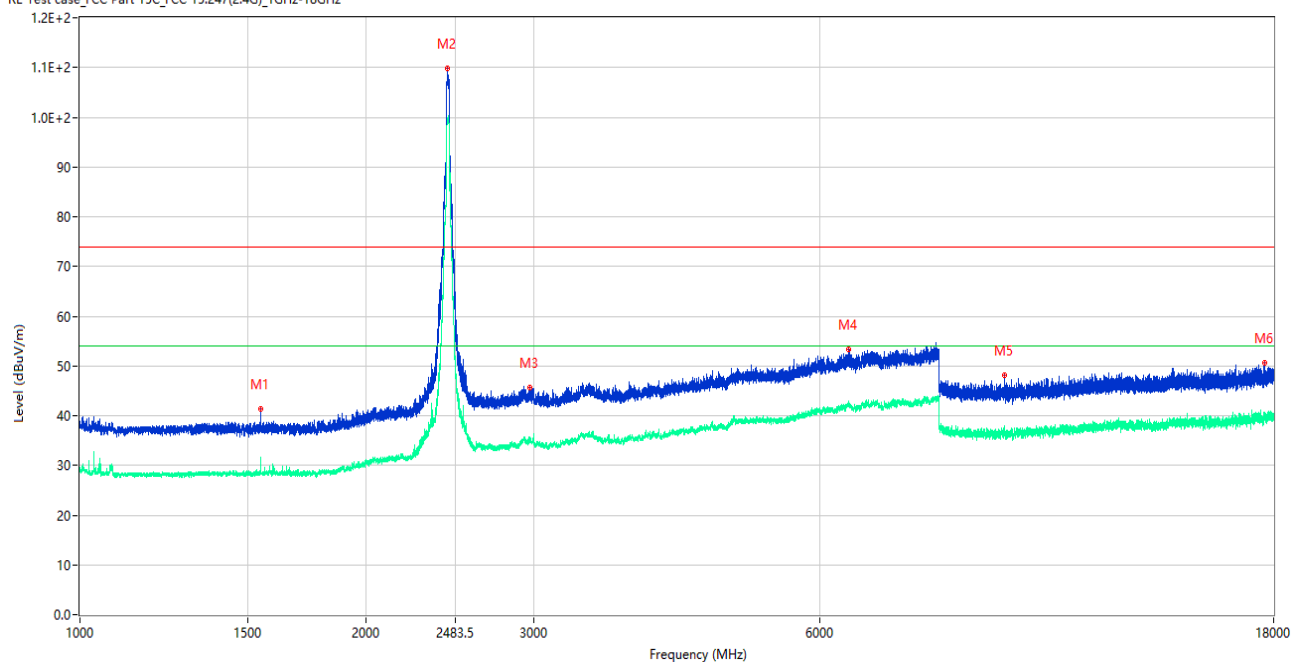
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1299.250	39.80	-15.64	74.0	34.20	Peak	0.00	150	Vertical	Pass
1**	1299.250	28.61	-15.64	54.0	25.39	AV	0.00	150	Vertical	Pass
2	2438.750	102.94	-12.37	74.0	-28.94	Peak	144.00	150	Vertical	N/A
2**	2438.750	95.25	-12.37	54.0	-41.25	AV	144.00	150	Vertical	N/A
3	3452.500	46.23	-4.95	74.0	27.77	Peak	192.00	150	Vertical	Pass
3**	3452.500	36.65	-4.95	54.0	17.35	AV	192.00	150	Vertical	Pass
4	7337.500	54.72	1.10	74.0	19.28	Peak	360.00	150	Vertical	Pass
4**	7337.500	42.98	1.10	54.0	11.02	AV	360.00	150	Vertical	Pass
5	9099.500	47.31	-4.85	74.0	26.69	Peak	359.00	150	Vertical	Pass
5**	9099.500	36.68	-4.85	54.0	17.32	AV	359.00	150	Vertical	Pass
6	17228.501	50.69	-0.40	74.0	23.31	Peak	359.00	150	Vertical	Pass
6**	17228.501	40.88	-0.40	54.0	13.12	AV	359.00	150	Vertical	Pass

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

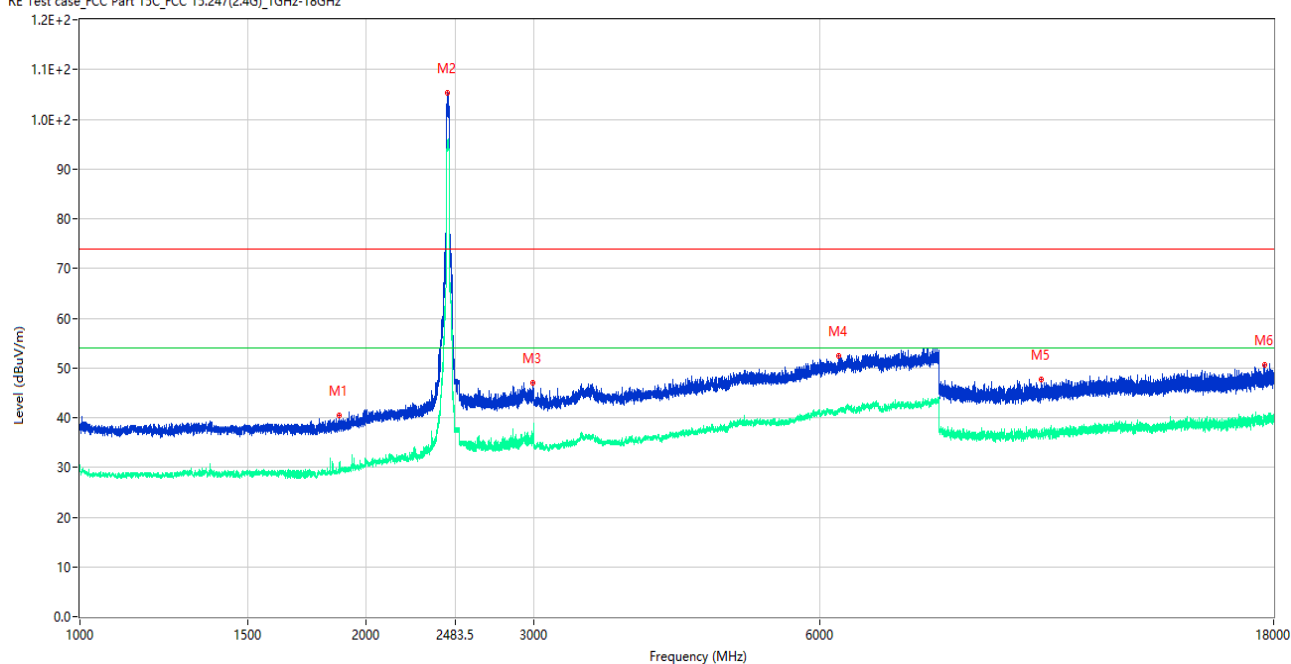
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.250	41.39	-16.04	74.0	32.61	Peak	0.00	150	Horizontal	Pass
1**	1548.250	31.55	-16.04	54.0	22.45	AV	0.00	150	Horizontal	Pass
2	2435.250	109.87	-12.29	74.0	-35.87	Peak	110.00	150	Horizontal	N/A
2**	2435.250	99.44	-12.29	54.0	-45.44	AV	110.00	150	Horizontal	N/A
3	2975.000	45.64	-8.73	74.0	28.36	Peak	263.00	150	Horizontal	Pass
3**	2975.000	34.82	-8.73	54.0	19.18	AV	263.00	150	Horizontal	Pass
4	6430.500	53.28	0.07	74.0	20.72	Peak	102.00	150	Horizontal	Pass
4**	6430.500	41.96	0.07	54.0	12.04	AV	102.00	150	Horizontal	Pass
5	9383.999	48.07	-4.53	74.0	25.93	Peak	66.00	150	Horizontal	Pass
5**	9383.999	36.96	-4.53	54.0	17.04	AV	66.00	150	Horizontal	Pass
6	17620.001	50.60	0.57	74.0	23.40	Peak	350.00	150	Horizontal	Pass
6**	17620.001	40.03	0.57	54.0	13.97	AV	350.00	150	Horizontal	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1874.750	40.52	-15.51	74.0	33.48	Peak	217.00	150	Vertical	Pass
1**	1874.750	29.52	-15.51	54.0	24.48	AV	217.00	150	Vertical	Pass
2	2434.500	105.34	-12.31	74.0	-31.34	Peak	143.00	150	Vertical	N/A
2**	2434.500	95.05	-12.31	54.0	-41.05	AV	143.00	150	Vertical	N/A
3	2991.750	47.09	-9.08	74.0	26.91	Peak	259.00	150	Vertical	Pass
3**	2991.750	34.98	-9.08	54.0	19.02	AV	259.00	150	Vertical	Pass
4	6275.500	52.39	-0.47	74.0	21.61	Peak	308.00	150	Vertical	Pass
4**	6275.500	41.16	-0.47	54.0	12.84	AV	308.00	150	Vertical	Pass
5	10259.500	47.61	-3.19	74.0	26.39	Peak	322.00	150	Vertical	Pass
5**	10259.500	36.83	-3.19	54.0	17.17	AV	322.00	150	Vertical	Pass
6	17621.000	50.70	0.48	74.0	23.30	Peak	206.00	150	Vertical	Pass
6**	17621.000	39.45	0.48	54.0	14.55	AV	206.00	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

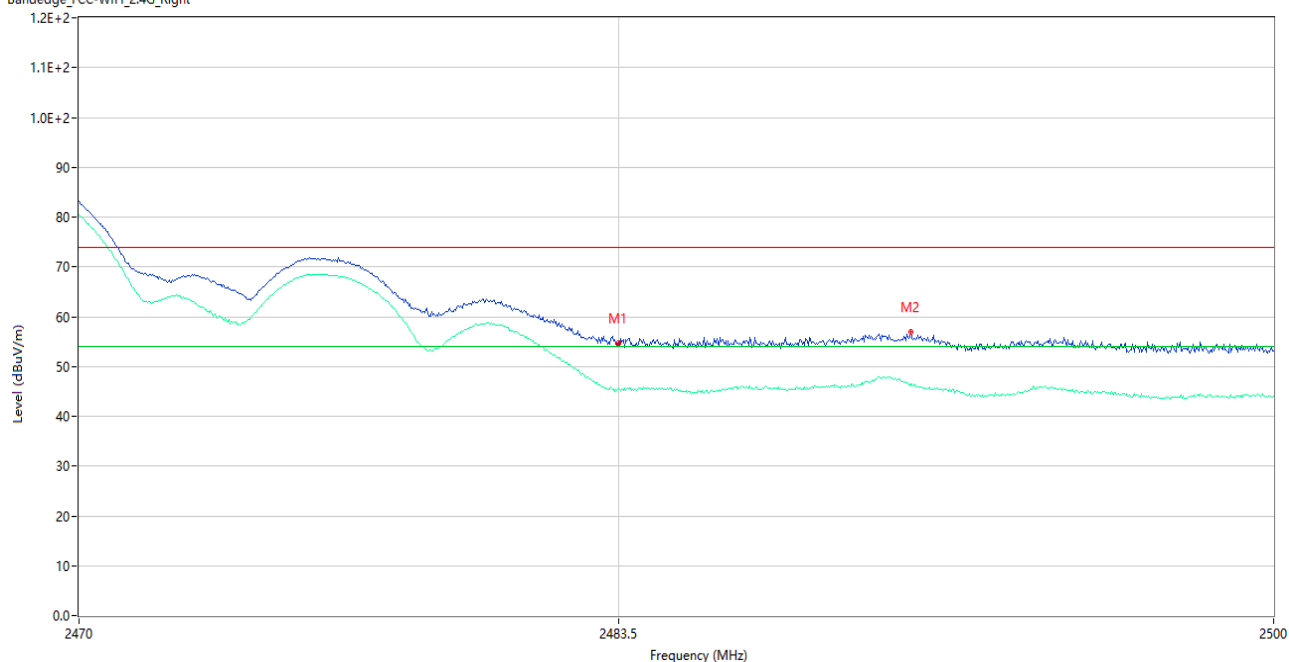
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	52.65	-4.87	74.0	21.35	Peak	116.30	150	Horizontal	Pass
1**	2390.000	43.51	-4.87	54.0	10.49	AV	116.30	150	Horizontal	Pass
2	2363.300	54.25	-4.74	74.0	19.75	Peak	323.00	150	Horizontal	Pass
2**	2363.300	43.54	-4.74	54.0	10.46	AV	323.00	150	Horizontal	Pass

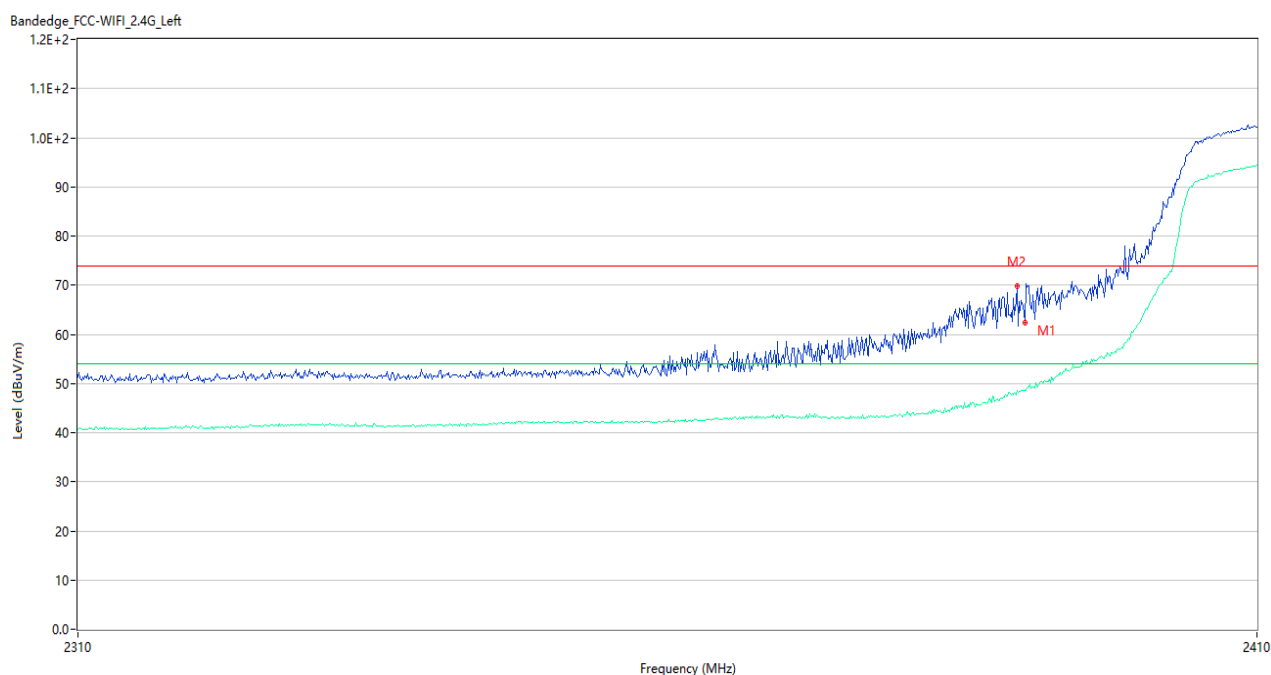
802.11b HIGH CHANNEL

Bandedge_FCC-WIFI_2.4G_Right



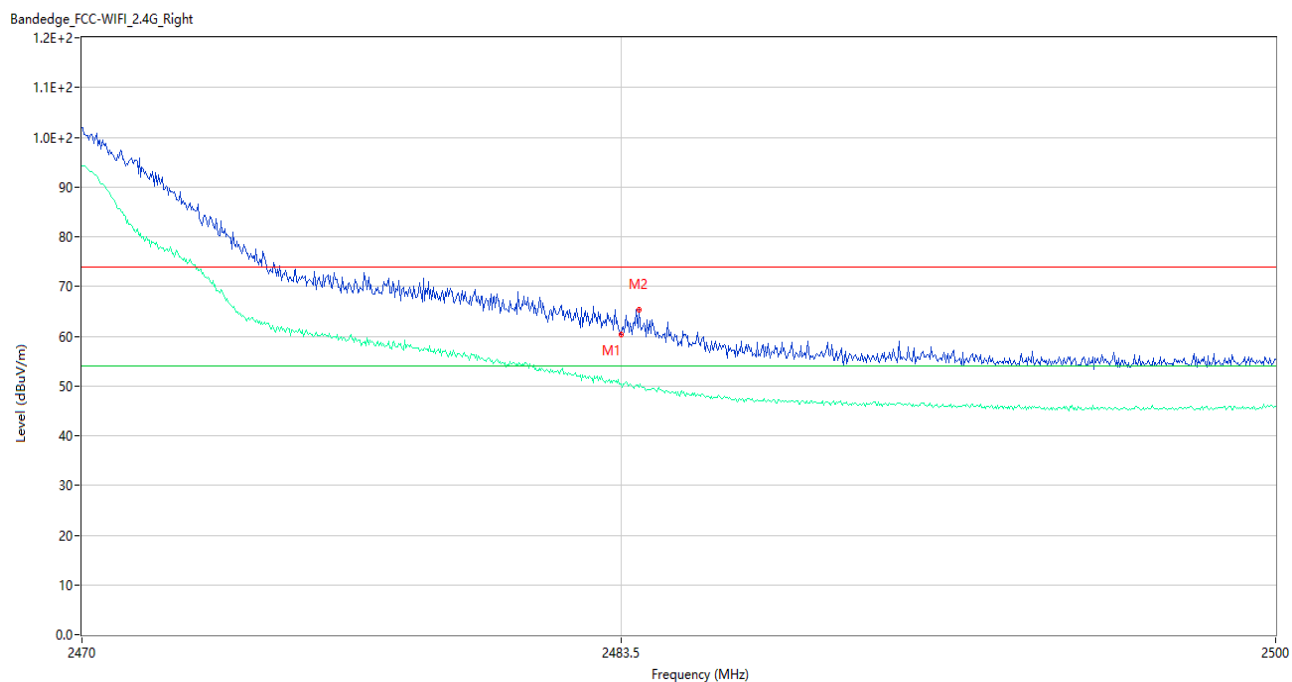
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.62	-3.78	74.0	19.38	Peak	357.00	150	Horizontal	Pass
1**	2483.500	45.72	-3.78	54.0	8.28	AV	357.00	150	Horizontal	Pass
2	2490.850	57.01	-3.85	74.0	16.99	Peak	126.00	150	Horizontal	Pass
2**	2490.850	46.20	-3.85	54.0	7.80	AV	126.00	150	Horizontal	Pass

802.11g LOW CHANNEL



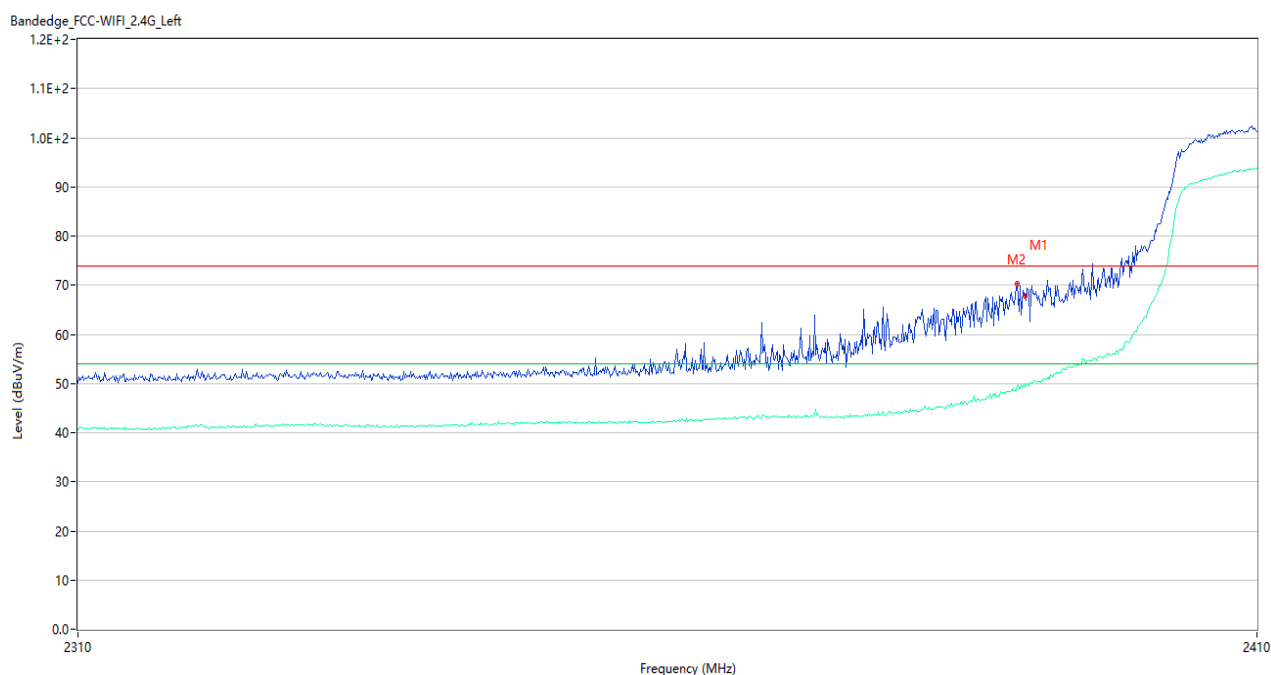
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	62.35	-4.87	74.0	11.65	Peak	338.99	150	Horizontal	Pass
1**	2390.000	48.69	-4.87	54.0	5.31	AV	338.99	150	Horizontal	Pass
2	2389.300	69.94	-4.84	74.0	4.06	Peak	352.00	150	Horizontal	Pass
2**	2389.300	48.51	-4.84	54.0	5.49	AV	352.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



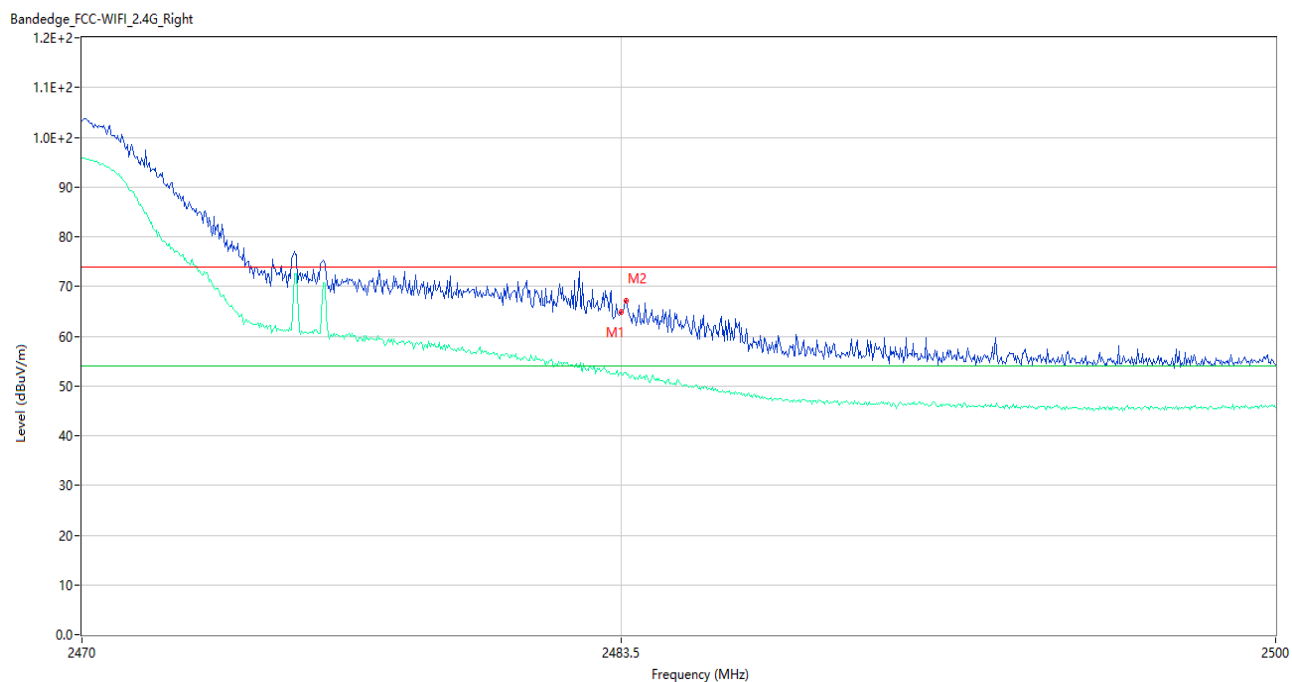
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	60.43	-3.78	74.0	13.57	Peak	144.00	150	Horizontal	Pass
1**	2483.500	50.43	-3.78	54.0	3.57	AV	144.00	150	Horizontal	Pass
2	2483.950	65.41	-3.78	74.0	8.59	Peak	170.00	150	Horizontal	Pass
2**	2483.950	49.62	-3.78	54.0	4.38	AV	170.00	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	67.86	-4.87	74.0	6.14	Peak	4.45	150	Horizontal	Pass
1**	2390.000	49.34	-4.87	54.0	4.66	AV	4.45	150	Horizontal	Pass
2	2389.300	70.28	-4.84	74.0	3.72	Peak	197.00	150	Horizontal	Pass
2**	2389.300	49.44	-4.84	54.0	4.56	AV	197.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



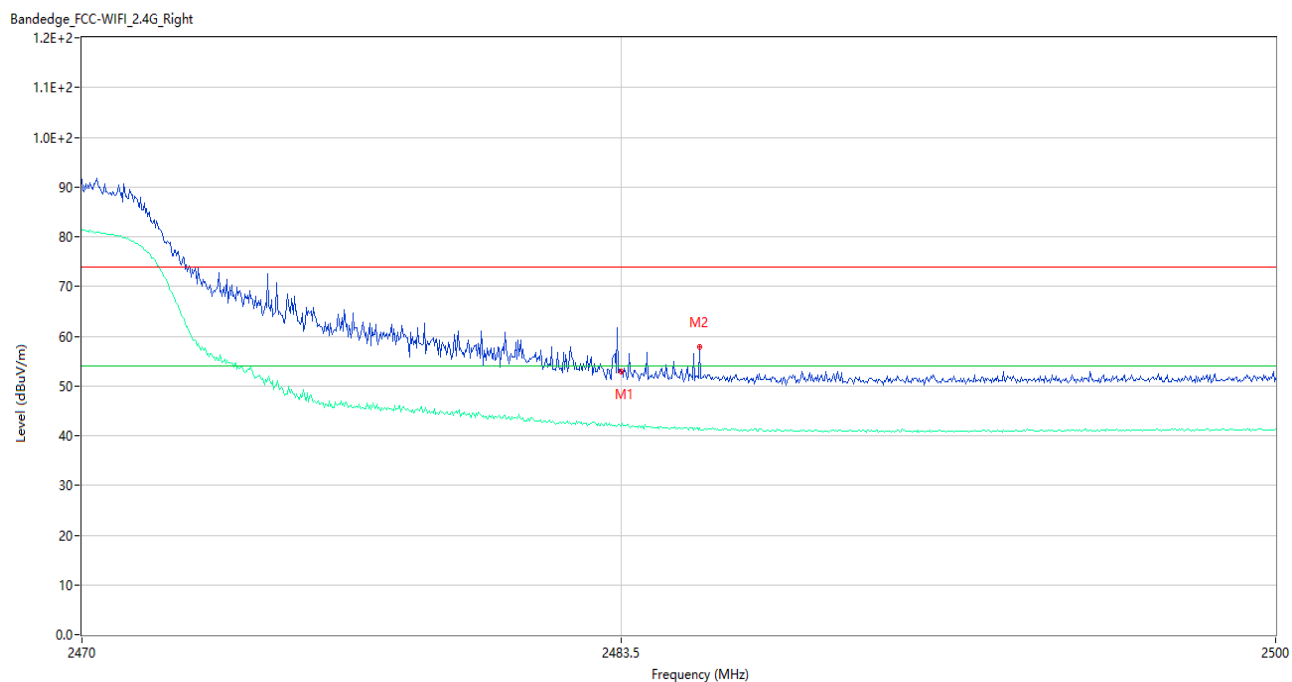
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.93	-3.78	74.0	9.07	Peak	166.00	150	Horizontal	Pass
1**	2483.500	52.57	-3.78	54.0	1.43	AV	166.00	150	Horizontal	Pass
2	2483.620	67.13	-3.78	74.0	6.87	Peak	164.00	150	Horizontal	Pass
2**	2483.620	52.60	-3.78	54.0	1.40	AV	164.00	150	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	51.13	-4.87	74.0	22.87	Peak	163.91	150	Horizontal	Pass
1**	2390.000	41.93	-4.87	54.0	12.07	AV	163.91	150	Horizontal	Pass
2	2340.600	52.75	-4.38	74.0	21.25	Peak	193.00	150	Horizontal	Pass
2**	2340.600	40.20	-4.38	54.0	13.80	AV	193.00	150	Horizontal	Pass

802.11 ax20(SU) HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	52.84	-3.78	74.0	21.16	Peak	168.00	150	Horizontal	Pass
1**	2483.500	41.82	-3.78	54.0	12.18	AV	168.00	150	Horizontal	Pass
2	2485.480	57.88	-3.78	74.0	16.12	Peak	104.00	150	Horizontal	Pass
2**	2485.480	41.49	-3.78	54.0	12.51	AV	104.00	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	-7.91	8
Middle	-5.97	8
High	-7.12	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.45	8
Middle	-10.76	8
High	-14.12	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.33	8
Middle	-11.13	8
High	-13.55	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.15	8
Middle	-10.35	8
High	-29.07	8

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.94	8
Middle	-0.94	8
High	-17.26	8

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-20.37	8
Middle	-6.21	8
High	-21.11	8

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.49	8
Middle	-7.20	8
High	-24.52	8

802.11ax-20 MHz(RU242) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-26.50	8
Middle	-11.89	8
High	-27.77	8

Test Plots

802.11b LOW CHANNEL



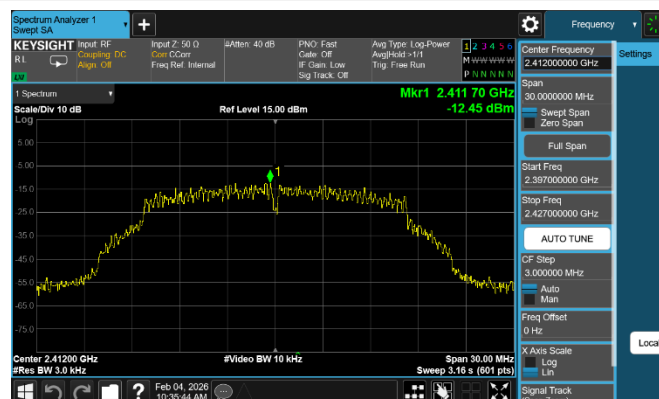
802.11b MIDDLE CHANNEL



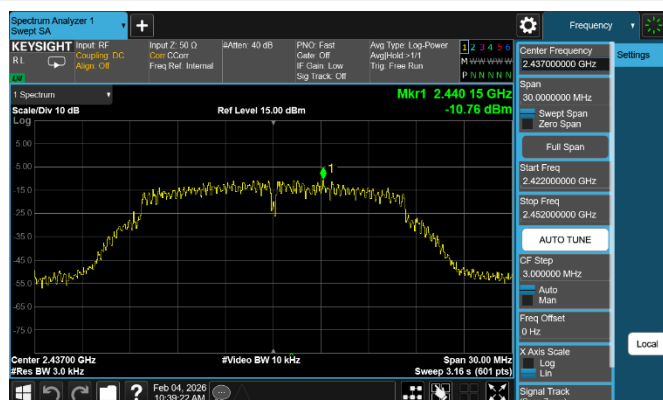
802.11b HIGH CHANNEL



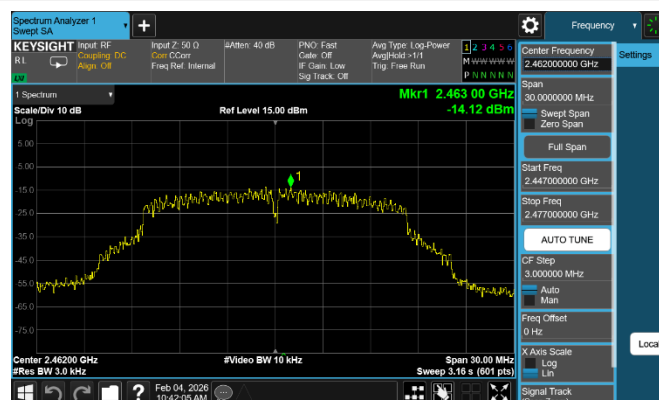
802.11g LOW CHANNEL



802.11g MIDDLE CHANNEL



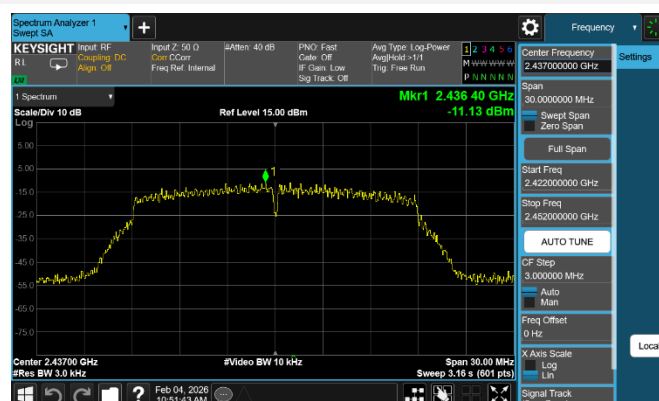
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11 n-20 MHz MIDDLE CHANNEL



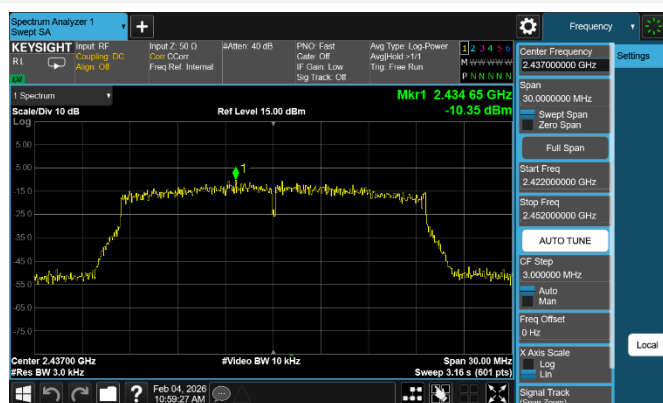
802.11n-20 MHz HIGH CHANNEL



802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



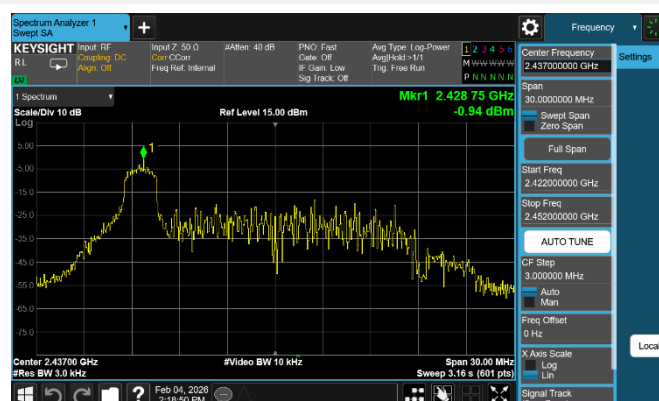
802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-20 MHz(RU26) LOW CHANNEL



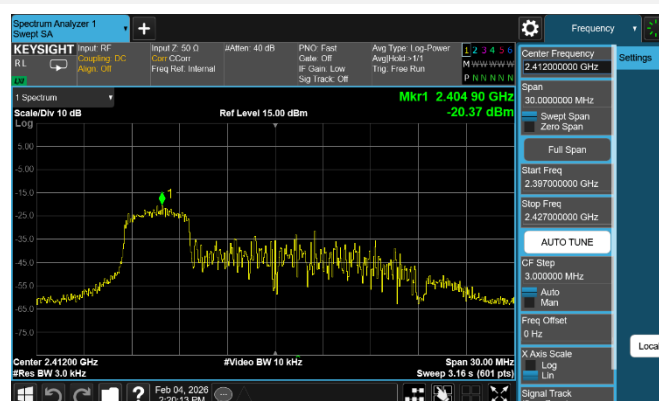
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



802.11ax-20 MHz(RU26) HIGH CHANNEL



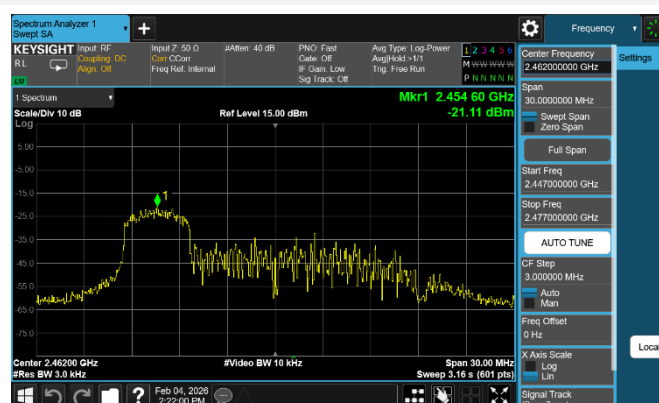
802.11ax-20 MHz(RU52) LOW CHANNEL



802.11ax-20 MHz(RU52) MIDDLE CHANNEL



802.11ax-20 MHz(RU52) HIGH CHANNEL



802.11ax-20 MHz(RU106) LOW CHANNEL



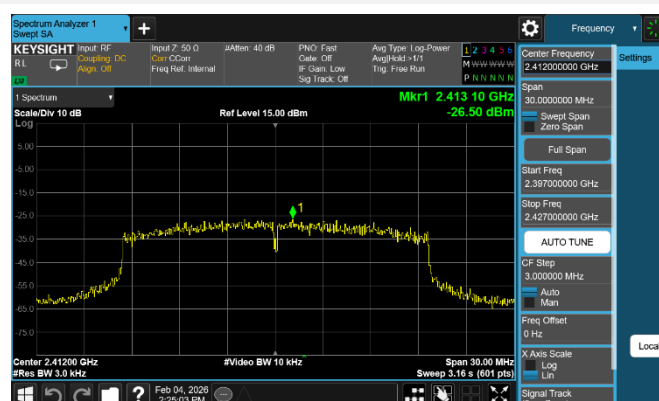
802.11ax-20 MHz(RU106) MIDDLE CHANNEL



802.11ax-20 MHz(RU106) HIGH CHANNEL



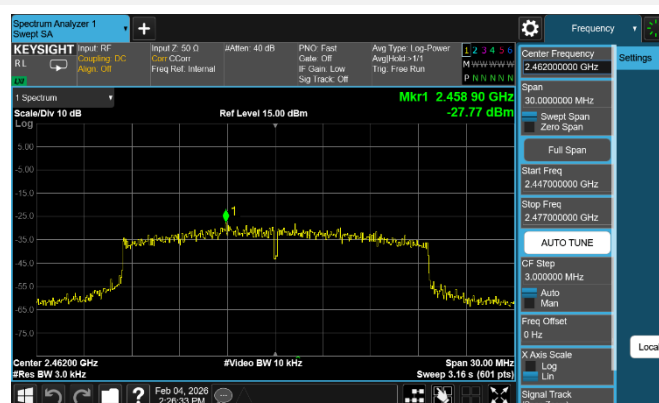
802.11ax-20 MHz(RU242) LOW CHANNEL



802.11ax-20 MHz(RU242) LOW CHANNEL



802.11ax-20 MHz(RU242) MIDDLE CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH25B1267-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH25B1267-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH25B1267-AI.PDF”.

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--END OF REPORT--