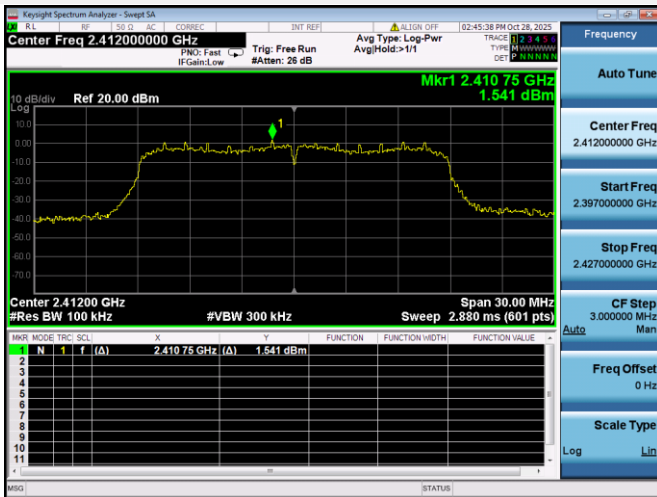
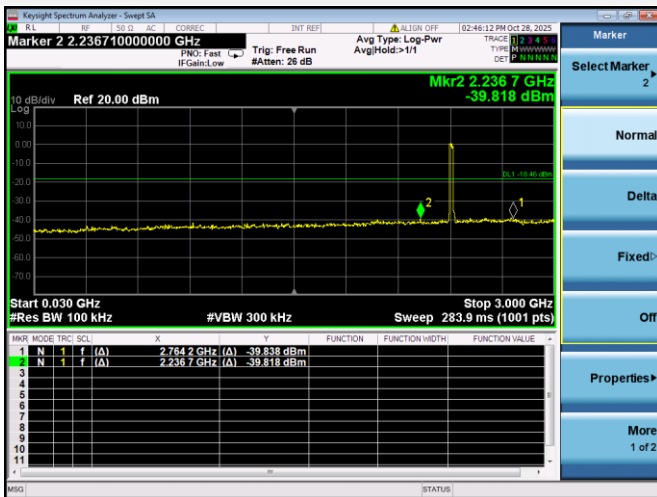
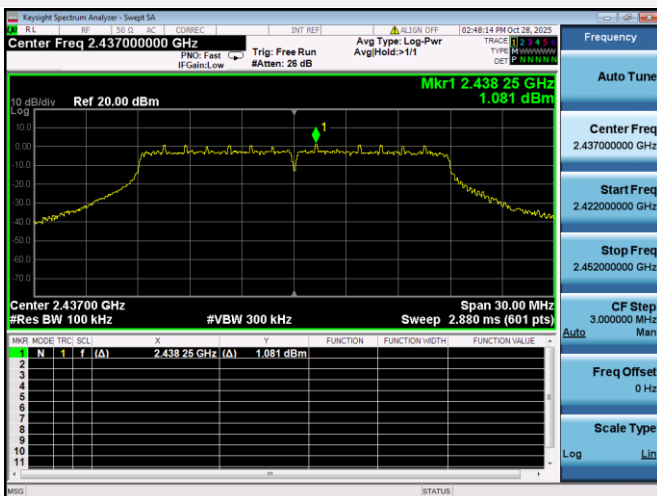


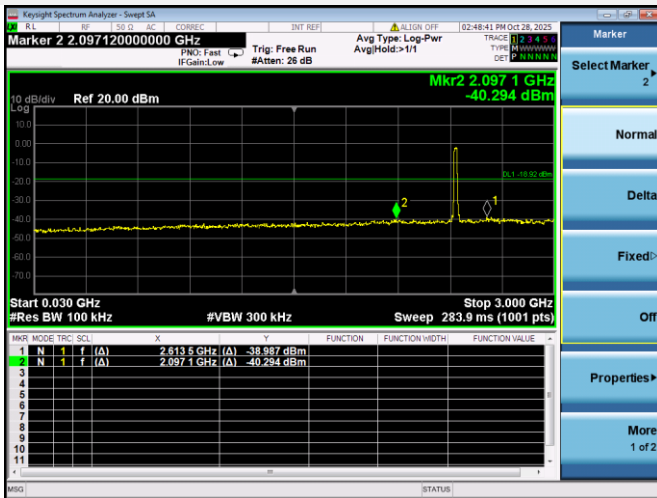
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

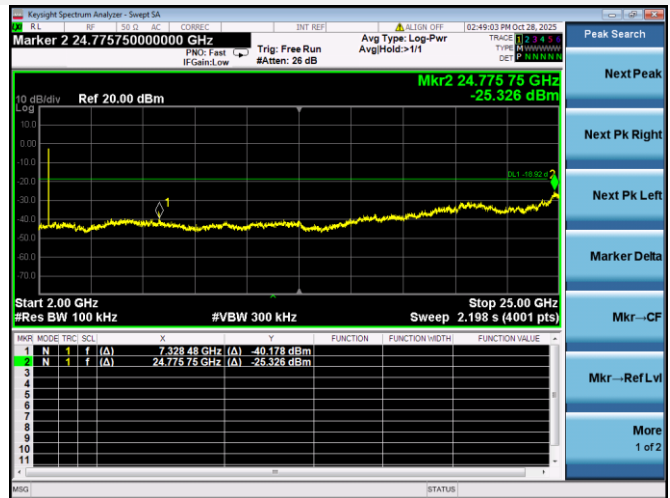
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



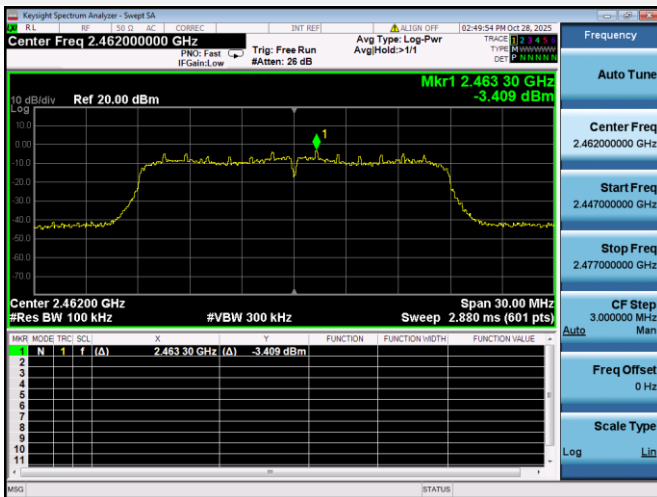
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



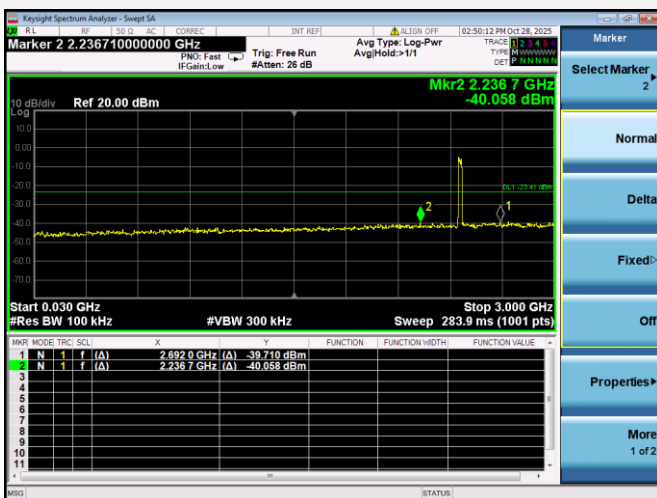
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



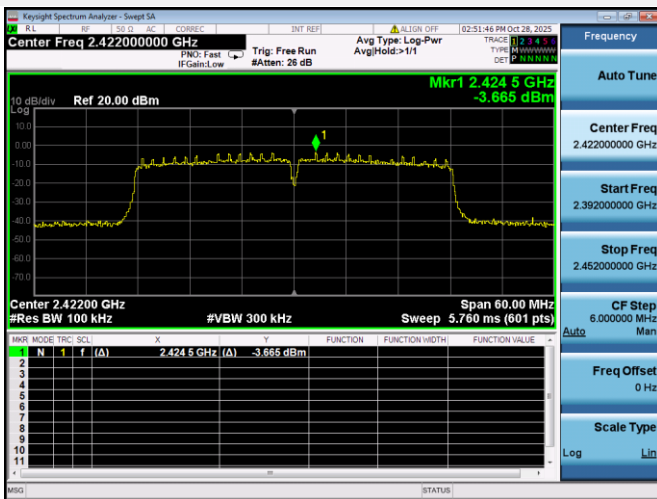
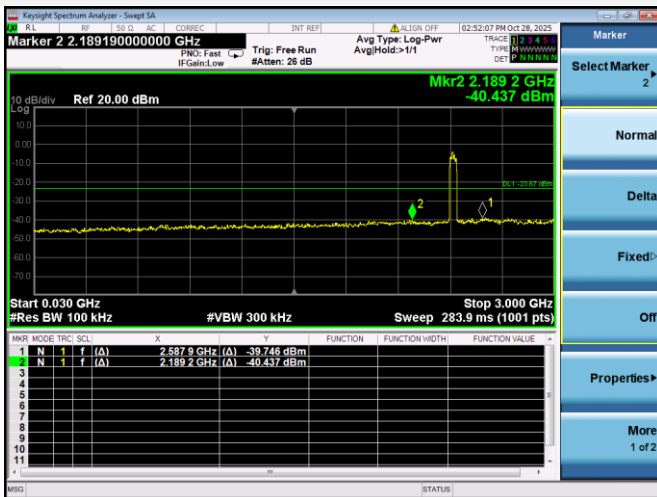
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



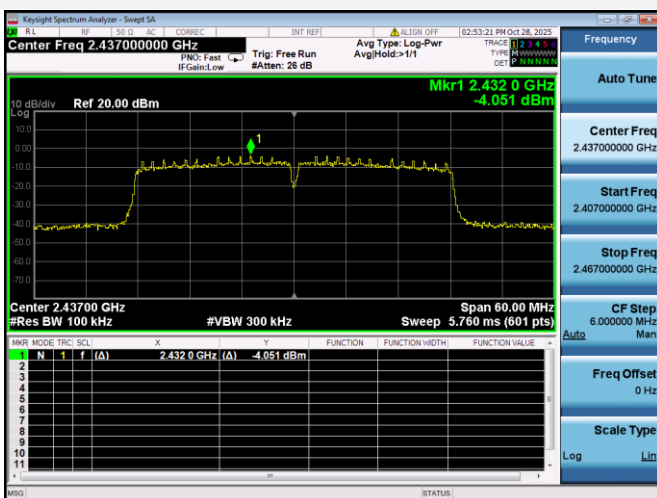
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



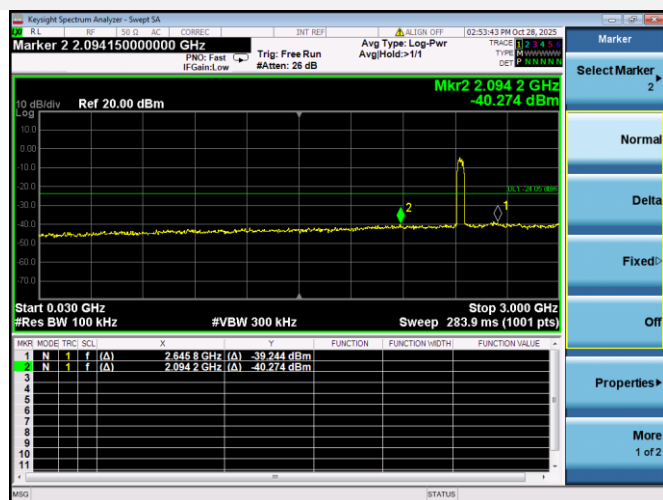
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

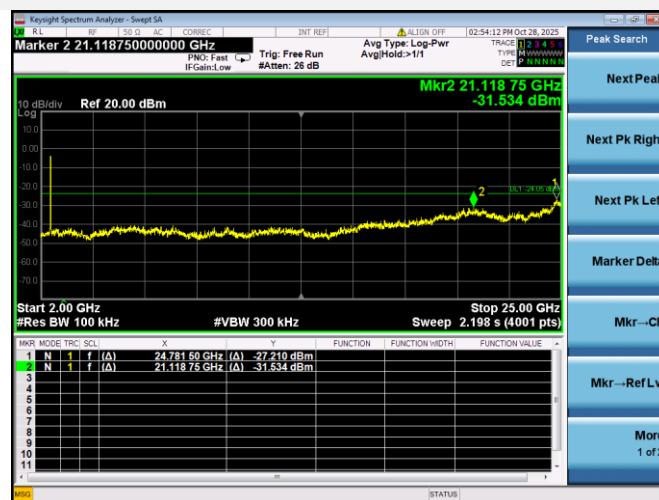
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



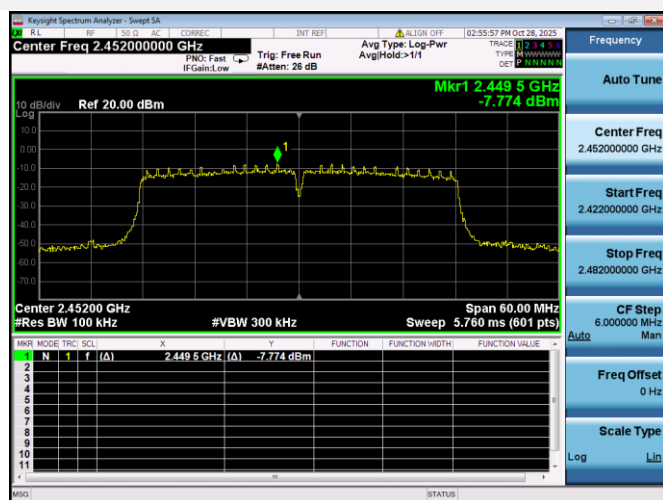
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



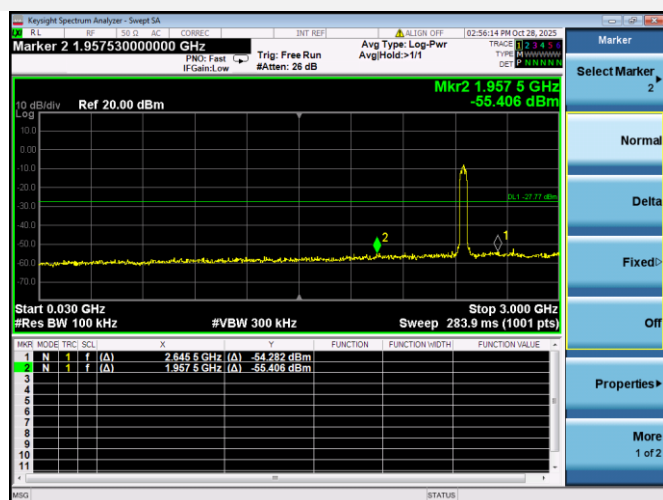
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



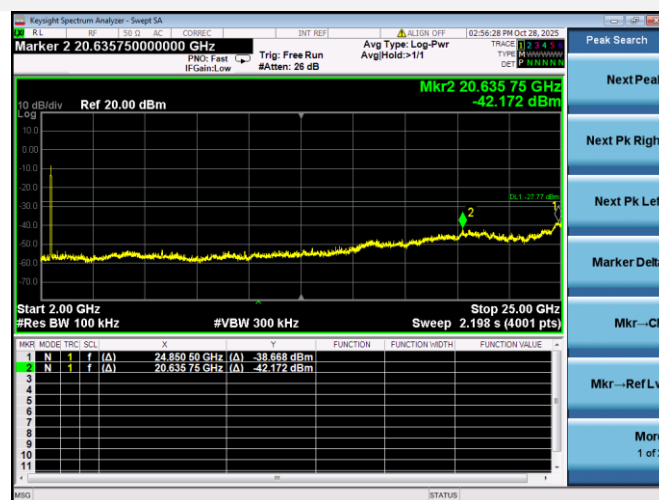
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

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

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

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

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.10	9.83	-10.17	Pass
High	-38.03	5.30	-14.70	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.65	2.94	-17.06	Pass
High	-37.96	-3.40	-23.40	Pass

802.11n-20 MHz Mode:

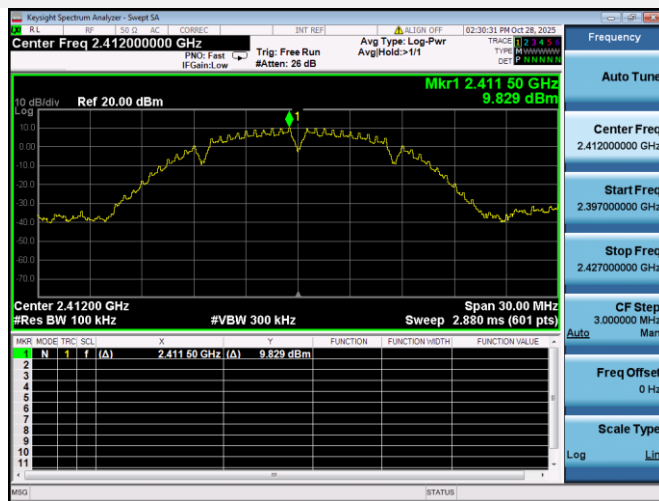
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.85	1.54	-18.46	Pass
High	-38.15	-3.41	-23.41	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-39.34	-3.67	-23.67	Pass
High	-49.96	-7.77	-27.77	Pass

Test Plots

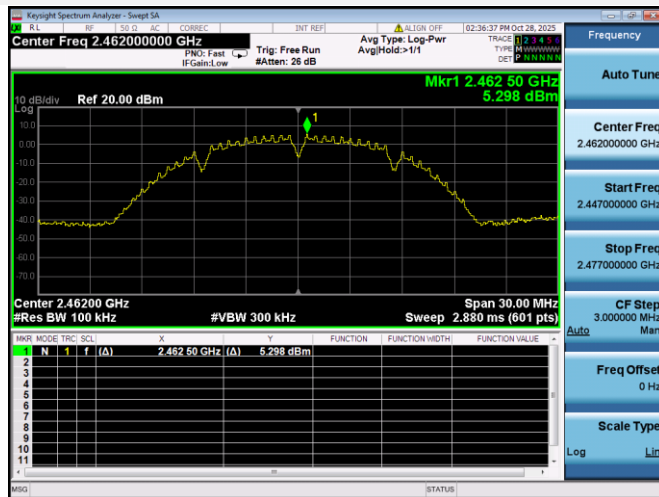
802.11b LOW CHANNEL, CARRIER LEVEL



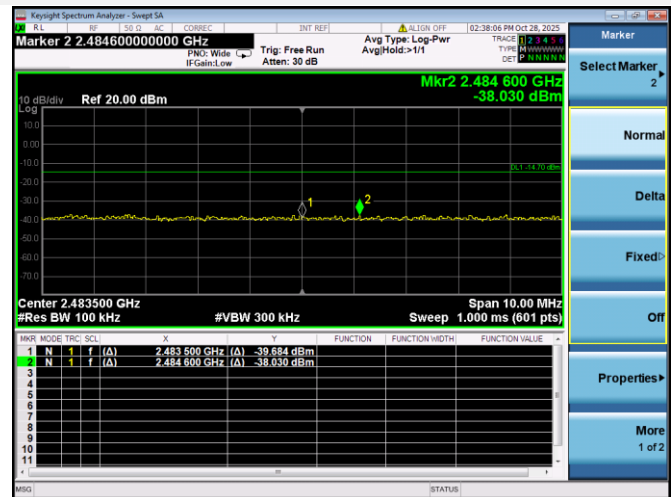
802.11b LOW CHANNEL, BAND EDGE



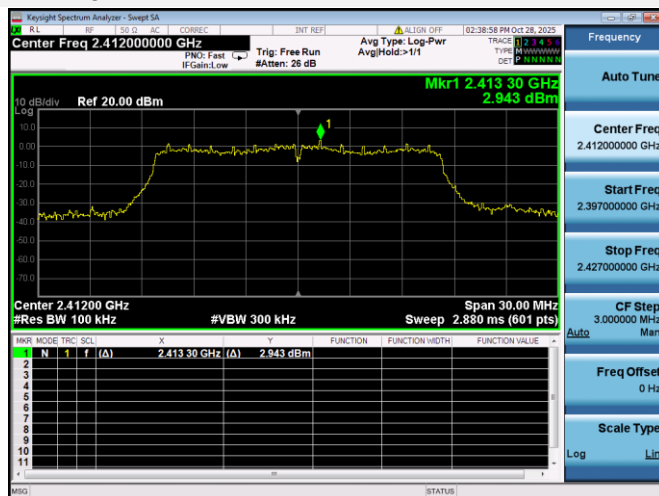
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



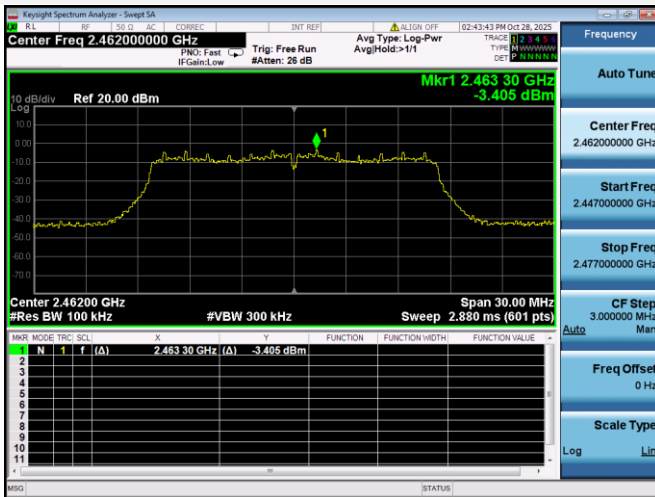
802.11g LOW CHANNEL, CARRIER LEVEL



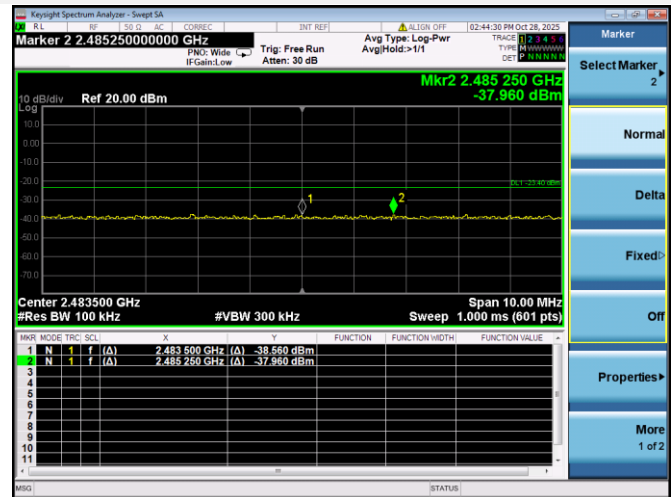
802.11g LOW CHANNEL, BAND EDGE



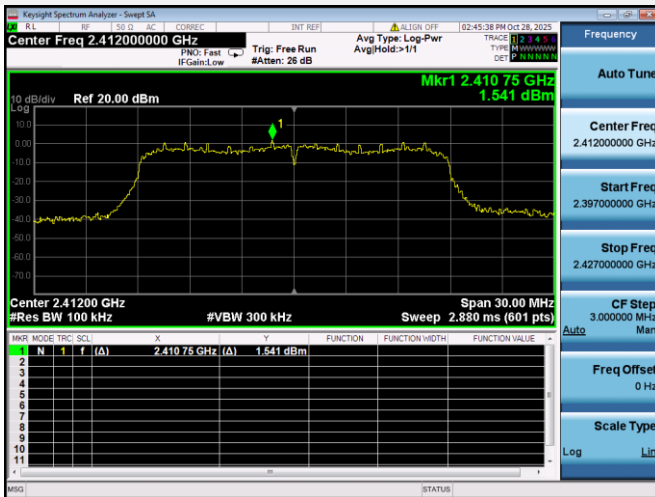
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



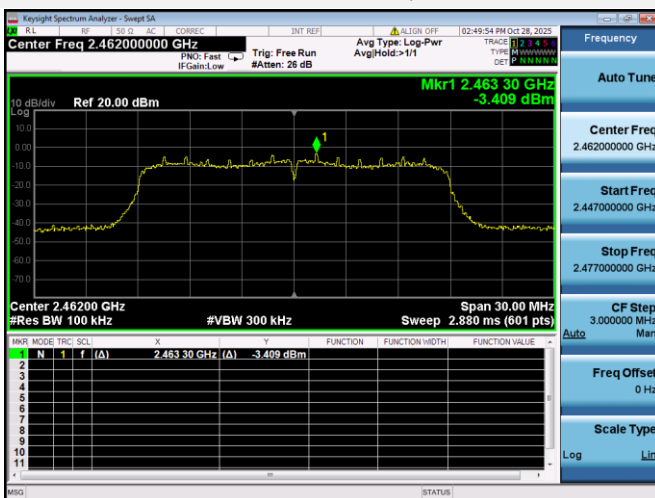
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



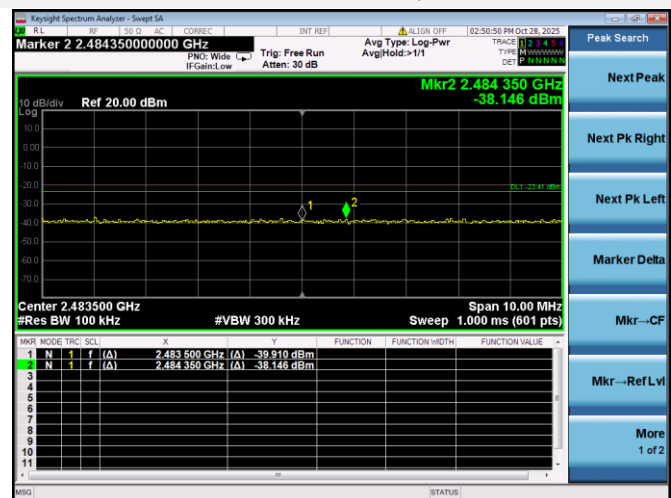
802.11n-20 MHz LOW CHANNEL, BAND EDGE



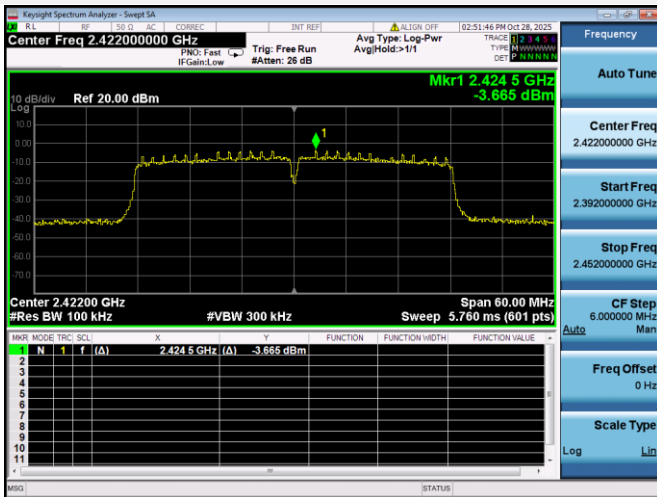
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



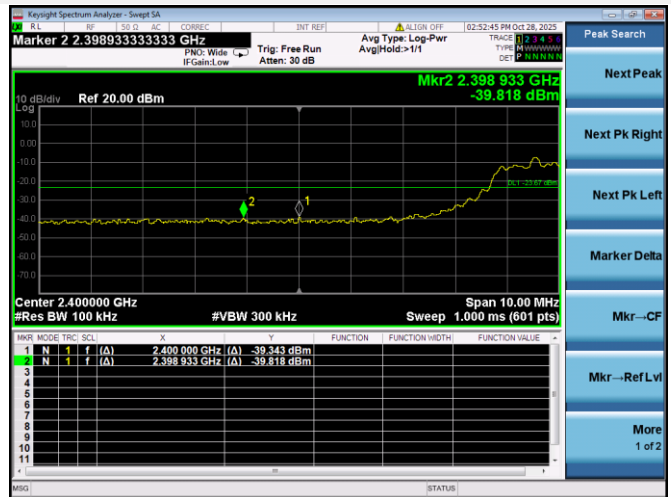
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



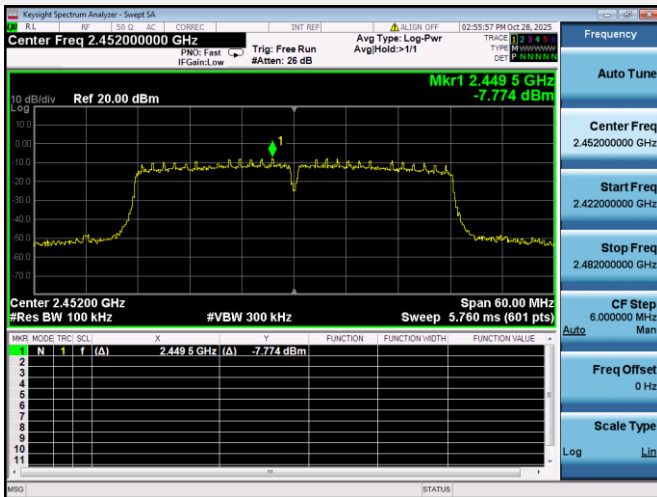
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



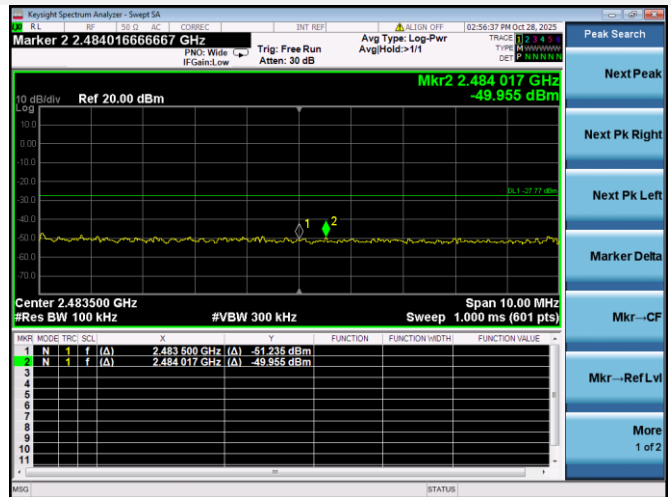
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emission

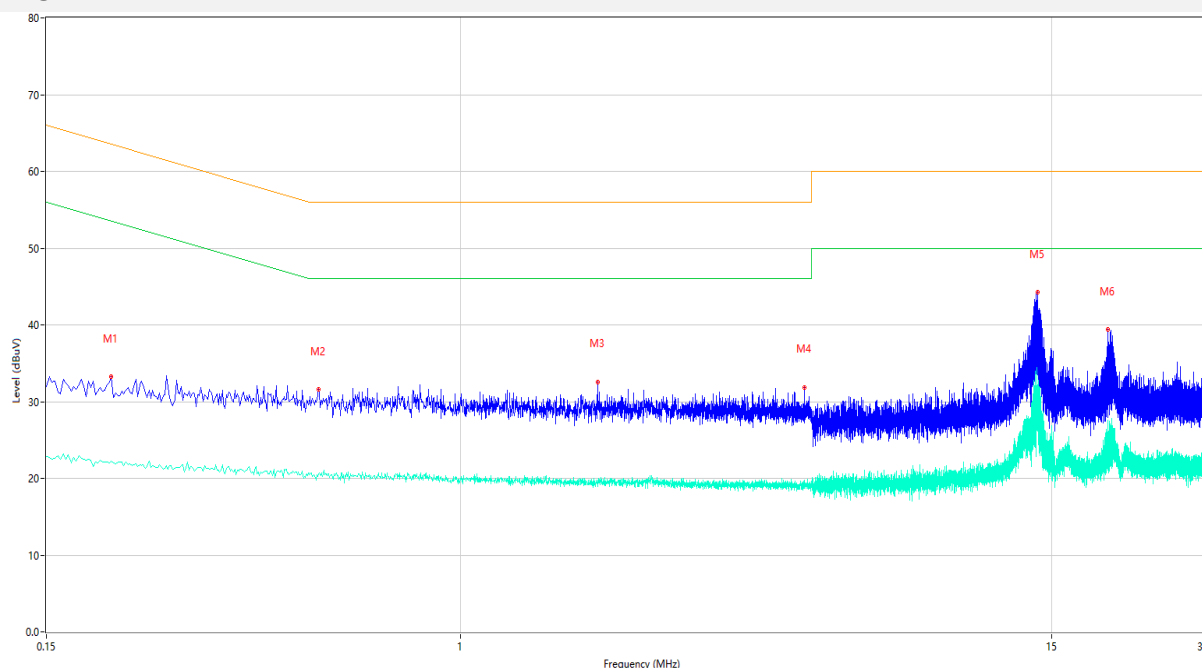
Note 1: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

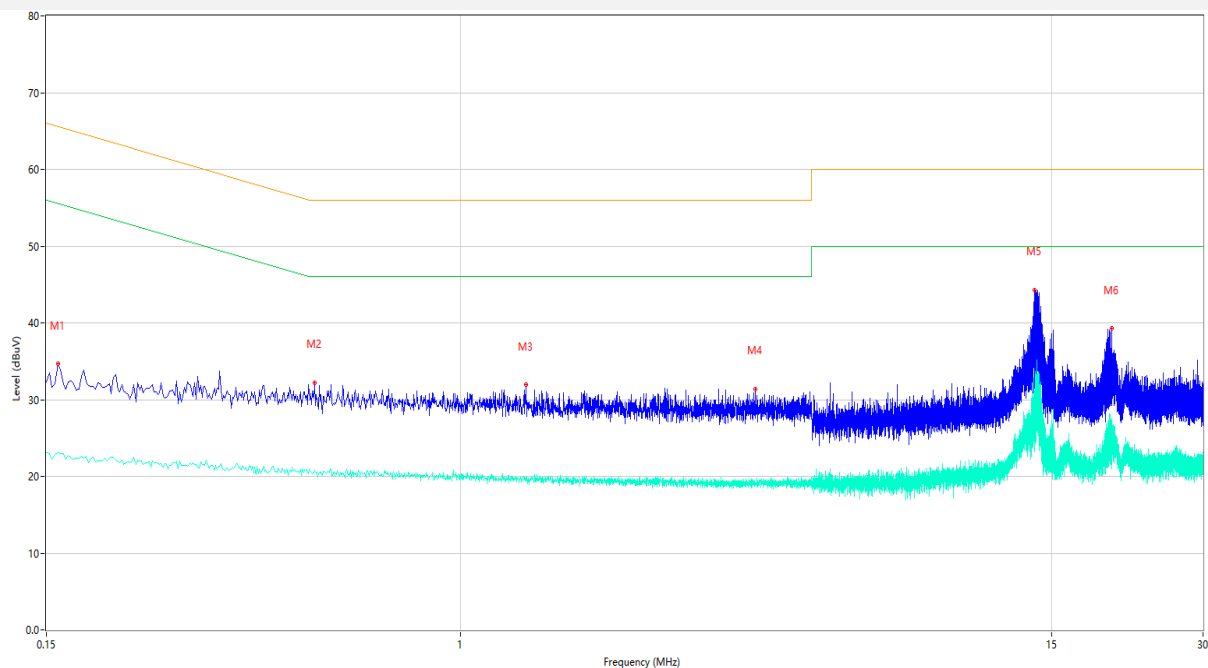
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.202	33.23	10.12	63.53	30.30	Peak	L	Pass
1**	0.202	22.30	10.12	53.53	31.23	AV	L	Pass
2	0.522	31.55	10.16	56.00	24.45	Peak	L	Pass
2**	0.522	20.47	10.16	46.00	25.53	AV	L	Pass
3	1.874	32.58	10.33	56.00	23.42	Peak	L	Pass
3**	1.874	19.73	10.33	46.00	26.27	AV	L	Pass
4	4.834	31.88	10.44	56.00	24.12	Peak	L	Pass
4**	4.834	18.97	10.44	46.00	27.03	AV	L	Pass
5	14.044	44.24	11.14	60.00	15.76	Peak	L	Pass
5**	14.044	31.72	11.14	50.00	18.28	AV	L	Pass
6	19.412	39.37	11.19	60.00	20.63	Peak	L	Pass
6**	19.412	27.53	11.19	50.00	22.47	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin(dB)	Detector	Line	Verdict
1	0.158	34.72	10.15	65.57	30.85	Peak	N	Pass
1**	0.158	23.03	10.15	55.57	32.54	AV	N	Pass
2	0.512	32.22	10.17	56.00	23.78	Peak	N	Pass
2**	0.512	20.80	10.17	46.00	25.20	AV	N	Pass
3	1.352	31.96	10.24	56.00	24.04	Peak	N	Pass
3**	1.352	19.49	10.24	46.00	26.51	AV	N	Pass
4	3.858	31.39	10.36	56.00	24.61	Peak	N	Pass
4**	3.858	18.95	10.36	46.00	27.05	AV	N	Pass
5	13.856	44.29	11.08	60.00	15.71	Peak	N	Pass
5**	13.856	30.83	11.08	50.00	19.17	AV	N	Pass
6	19.770	39.28	11.38	60.00	20.72	Peak	N	Pass
6**	19.770	25.74	11.38	50.00	24.26	AV	N	Pass

A.6 Radiated Emission

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

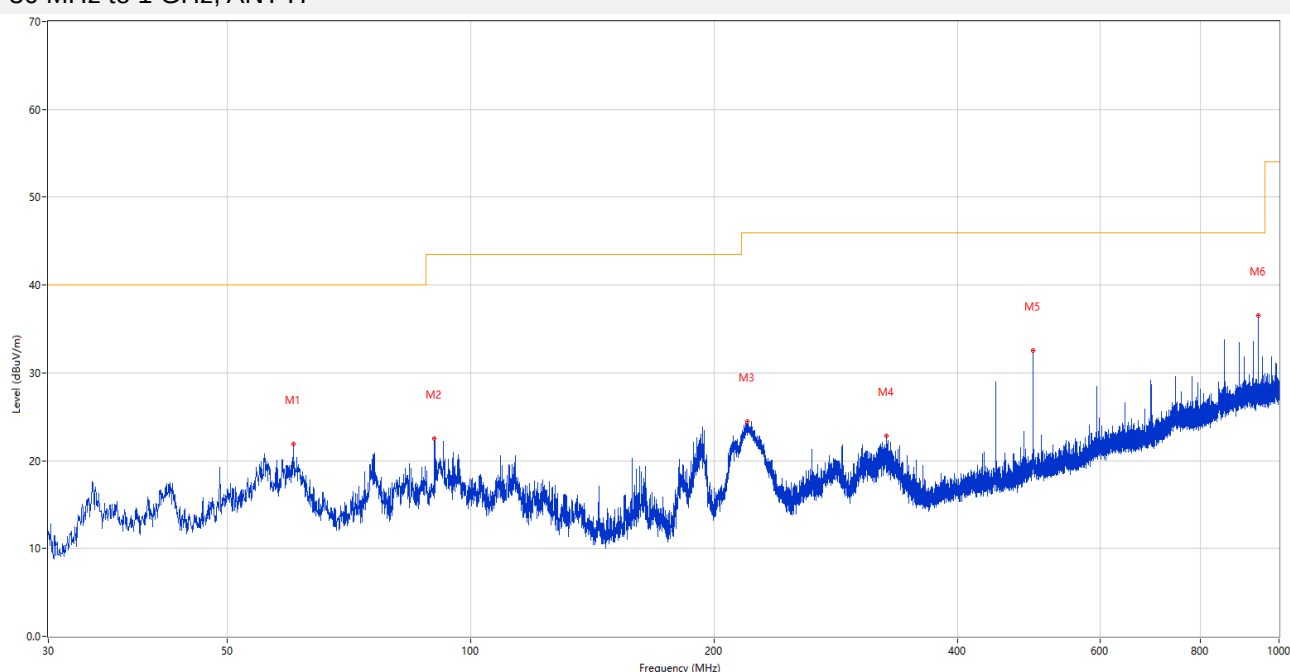
Note 2: For the test data above 1 GHz, According the ANSI C63.10-2020, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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.

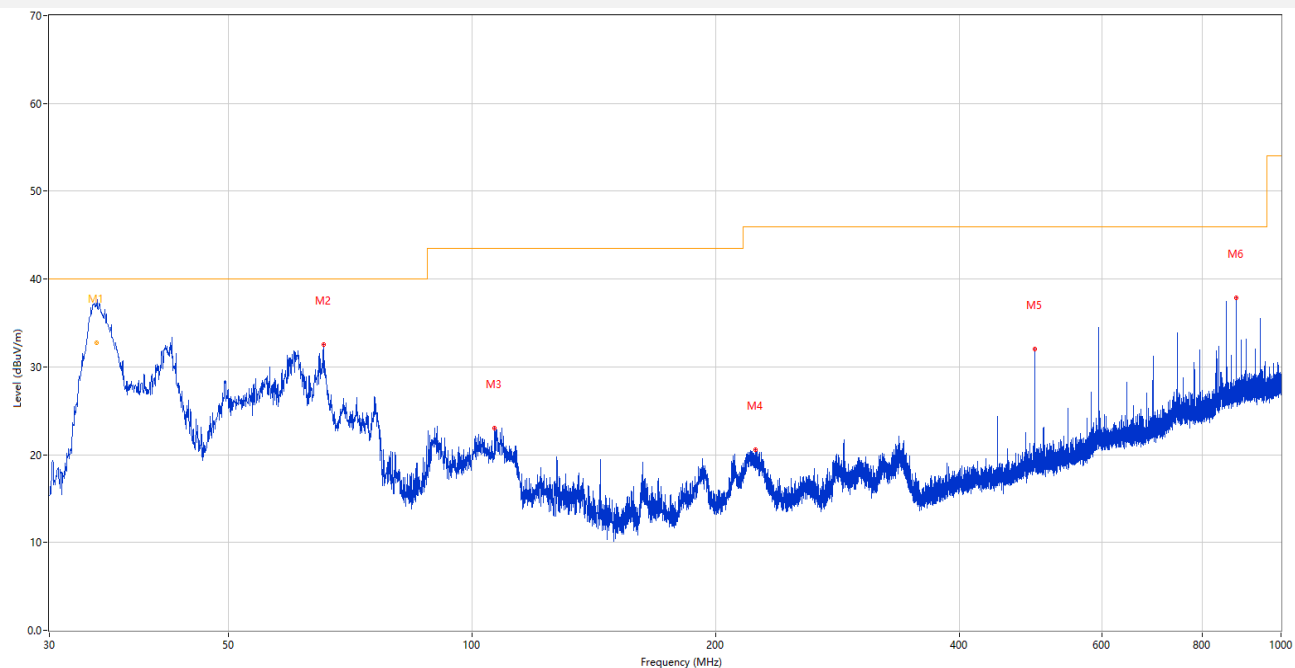
Test Data and Plots

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	60.312	21.91	-26.27	40.0	18.09	Peak	142.00	200	Horizontal	Pass
2	90.188	22.53	-28.21	43.5	20.97	Peak	197.00	200	Horizontal	Pass
3	219.635	24.50	-26.01	46.0	21.50	Peak	360.00	200	Horizontal	Pass
4	326.626	22.79	-22.83	46.0	23.21	Peak	84.00	100	Horizontal	Pass
5	495.988	32.56	-18.60	46.0	13.44	Peak	132.00	100	Horizontal	Pass
6	942.334	36.51	-9.78	46.0	9.49	Peak	126.00	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	34.333	37.04	-28.07	40.0	2.96	Peak	34.00	102	Vertical	N/A
1*	34.333	32.78	-28.07	40.0	7.22	QP	34.00	102	Vertical	Pass
2	65.454	32.51	-27.64	40.0	7.49	Peak	222.00	100	Vertical	Pass
3	106.581	23.07	-26.56	43.5	20.43	Peak	46.00	100	Vertical	Pass
4	224.097	20.55	-25.68	46.0	25.45	Peak	47.00	200	Vertical	Pass
5	496.134	32.00	-18.59	46.0	14.00	Peak	143.00	100	Vertical	Pass
6	880.593	37.90	-10.61	46.0	8.10	Peak	52.00	100	Vertical	Pass

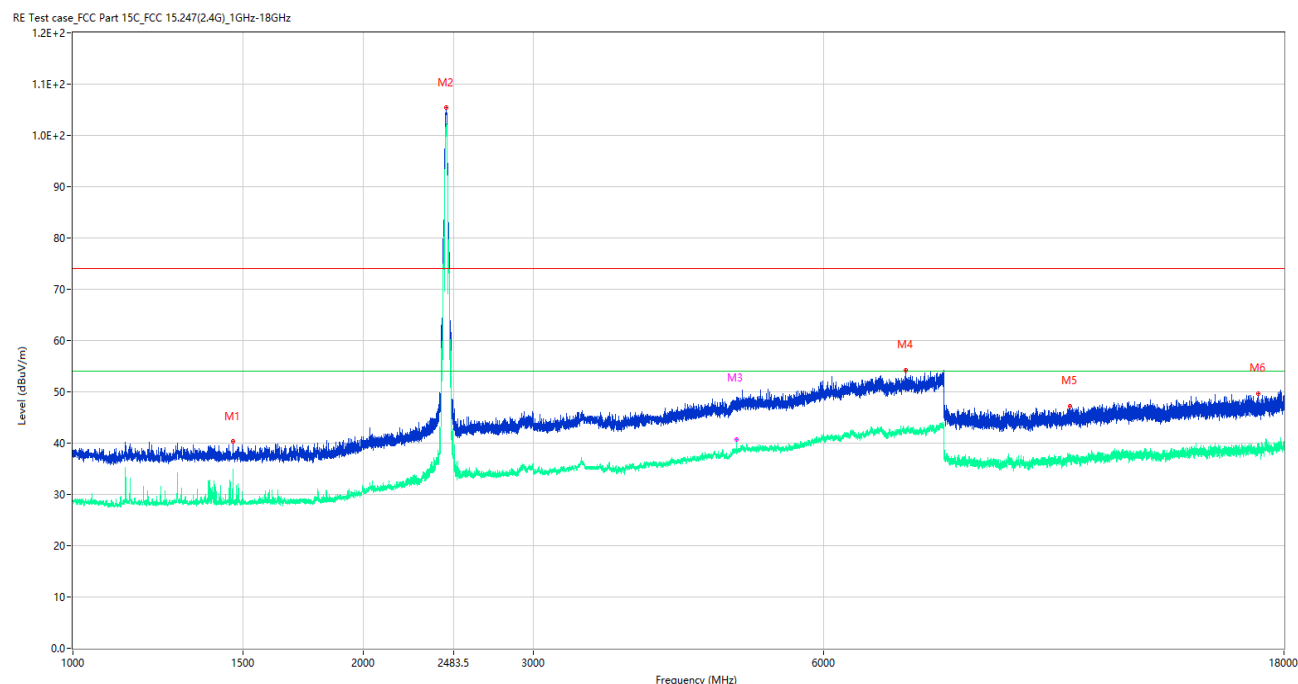
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

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.

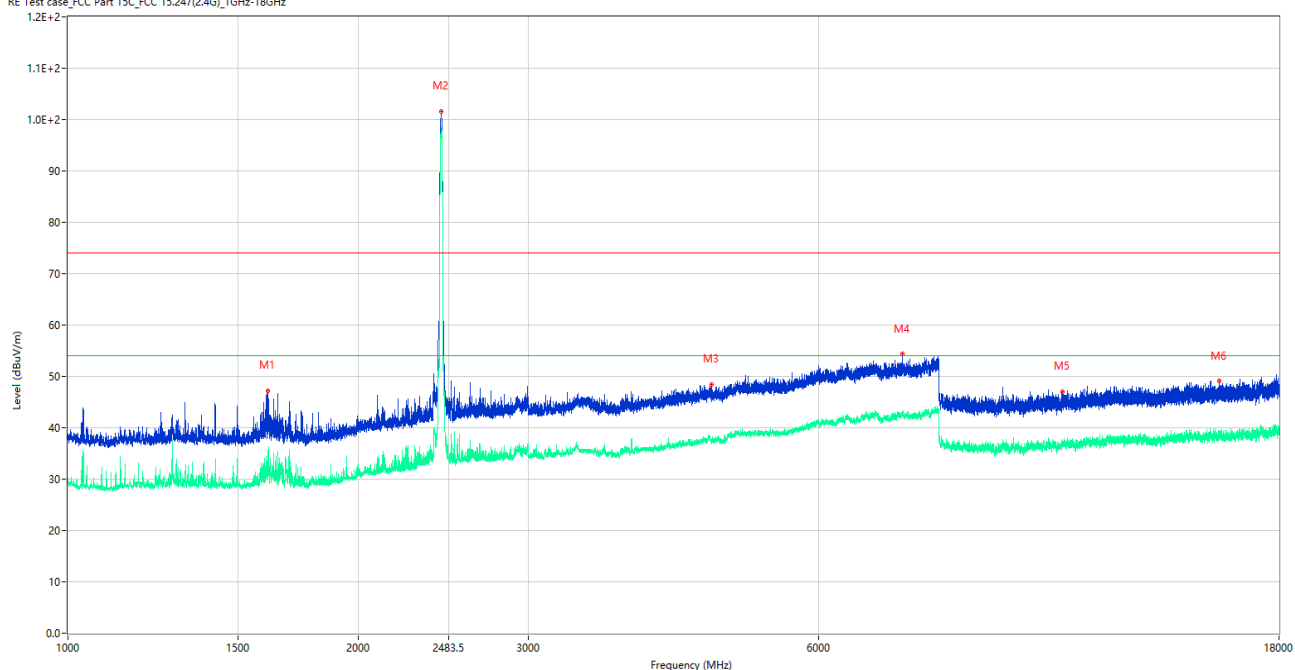
1 GHz to 18 GHz, ANT H 802.11b Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1464.500	40.42	-16.21	74.0	33.58	Peak	87.00	150	Horizontal	Pass
1**	1464.500	29.61	-16.21	54.0	24.39	AV	87.00	150	Horizontal	Pass
2	2438.500	105.39	-12.37	74.0	-31.39	Peak	92.00	150	Horizontal	N/A
2**	2438.500	102.11	-12.37	54.0	-48.11	AV	92.00	150	Horizontal	Fail
3	4874.500	48.94	-2.25	74.0	25.06	Peak	360.00	150	Horizontal	Pass
3**	4874.500	40.78	-2.25	54.0	13.22	AV	360.00	150	Horizontal	Pass
4	7292.500	54.29	0.39	74.0	19.71	Peak	25.00	150	Horizontal	Pass
4**	7292.500	42.29	0.39	54.0	11.71	AV	25.00	150	Horizontal	Pass
5	10798.000	47.23	-3.22	74.0	26.77	Peak	68.00	150	Horizontal	Pass
5**	10798.000	37.02	-3.22	54.0	16.98	AV	68.00	150	Horizontal	Pass
6	16935.999	49.67	-1.07	74.0	24.33	Peak	126.00	150	Horizontal	Pass
6**	16935.999	39.00	-1.07	54.0	15.00	AV	126.00	150	Horizontal	Pass

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

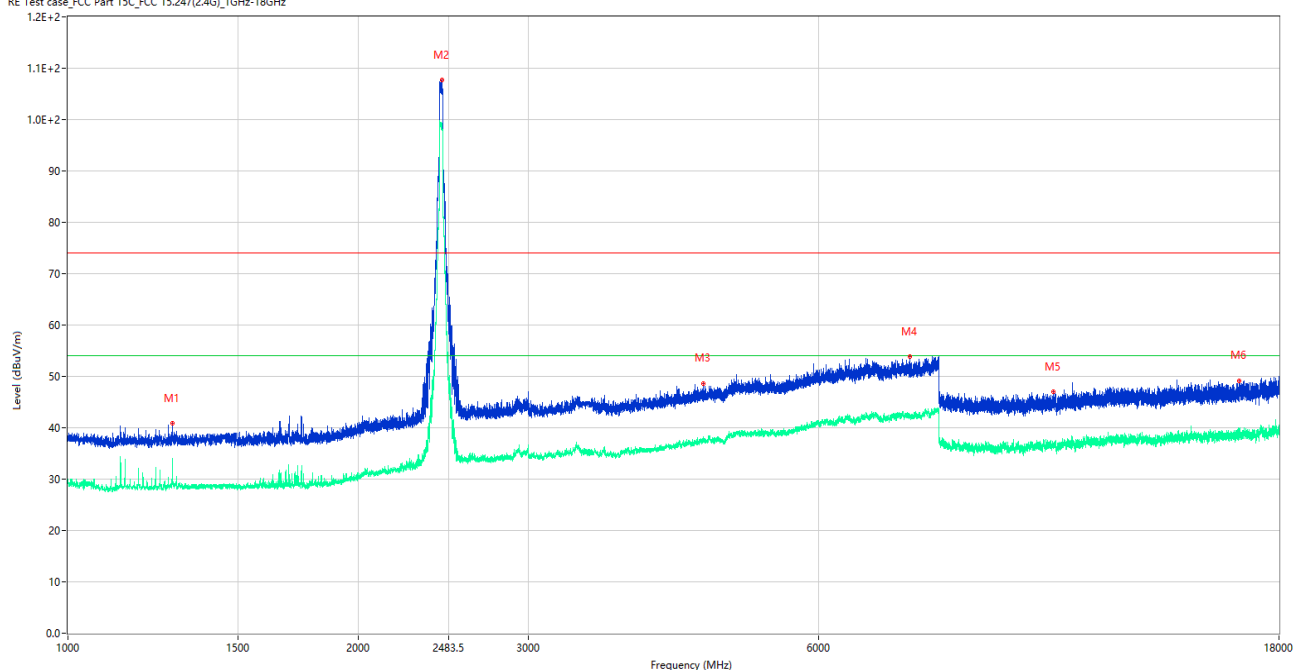
RE Test case_FCC Part 15C_FCC 15.247(Z.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.500	47.26	-16.20	74.0	26.74	Peak	154.00	150	Vertical	Pass
1**	1612.500	31.02	-16.20	54.0	22.98	AV	154.00	150	Vertical	Pass
2	2437.000	101.58	-12.37	74.0	-27.58	Peak	338.00	150	Vertical	N/A
2**	2437.000	96.41	-12.37	54.0	-42.41	AV	338.00	150	Vertical	Fail
3	4643.500	48.41	-3.16	74.0	25.59	Peak	0.00	150	Vertical	Pass
3**	4643.500	37.44	-3.16	54.0	16.56	AV	0.00	150	Vertical	Pass
4	7327.000	54.38	0.79	74.0	19.62	Peak	0.00	150	Vertical	Pass
4**	7327.000	42.95	0.79	54.0	11.05	AV	0.00	150	Vertical	Pass
5	10731.500	47.04	-3.80	74.0	26.96	Peak	360.00	150	Vertical	Pass
5**	10731.500	36.58	-3.80	54.0	17.42	AV	360.00	150	Vertical	Pass
6	15606.000	49.08	-2.41	74.0	24.92	Peak	360.00	150	Vertical	Pass
6**	15606.000	38.06	-2.41	54.0	15.94	AV	360.00	150	Vertical	Pass

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

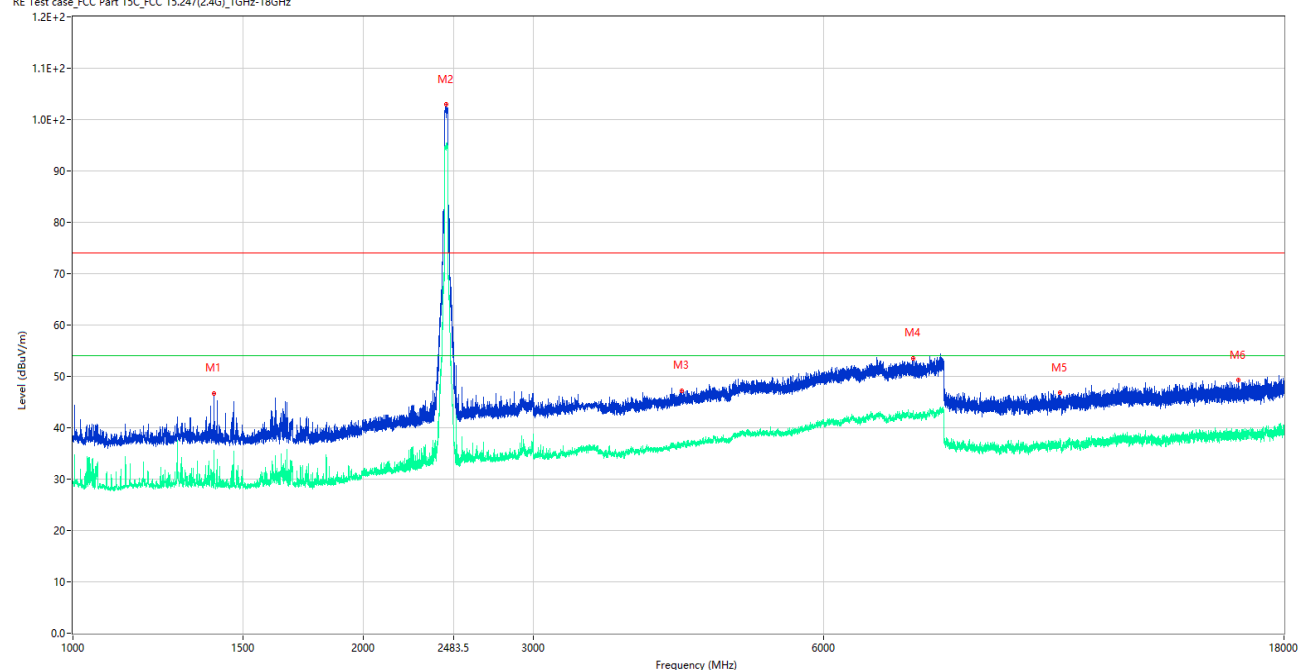
RE Test case_FCC Part 15C_FCC 15.247(Z.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.750	40.82	-15.95	74.0	33.18	Peak	66.00	150	Horizontal	Pass
1**	1282.750	33.49	-15.95	54.0	20.51	AV	66.00	150	Horizontal	Pass
2	2441.500	107.72	-12.41	74.0	-33.72	Peak	141.00	150	Horizontal	N/A
2**	2441.500	99.38	-12.41	54.0	-45.38	AV	141.00	150	Horizontal	N/A
3	4560.000	48.62	-2.68	74.0	25.38	Peak	0.00	150	Horizontal	Pass
3**	4560.000	37.99	-2.68	54.0	16.01	AV	0.00	150	Horizontal	Pass
4	7464.500	53.82	0.99	74.0	20.18	Peak	107.00	150	Horizontal	Pass
4**	7464.500	42.04	0.99	54.0	11.96	AV	107.00	150	Horizontal	Pass
5	10510.000	46.96	-3.37	74.0	27.04	Peak	351.00	150	Horizontal	Pass
5**	10510.000	36.85	-3.37	54.0	17.15	AV	351.00	150	Horizontal	Pass
6	16380.500	49.08	-1.37	74.0	24.92	Peak	64.00	150	Horizontal	Pass
6**	16380.500	39.25	-1.37	54.0	14.75	AV	64.00	150	Horizontal	Pass

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

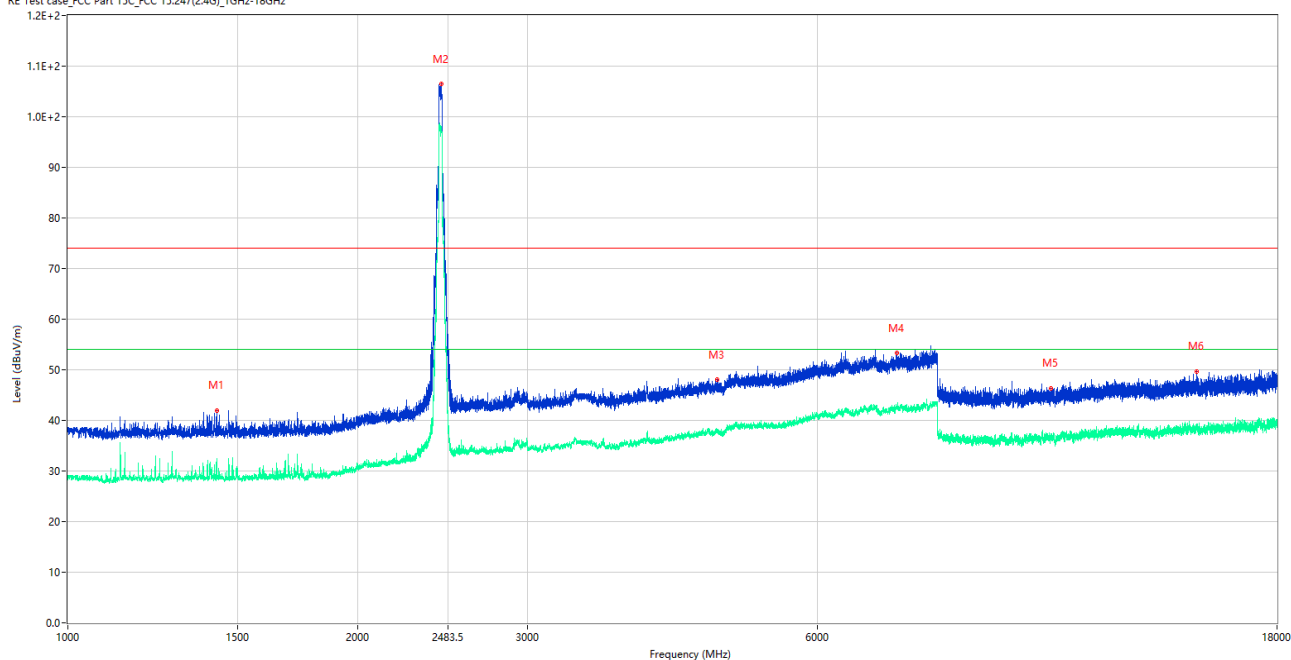
RE Test case_FCC Part 15C_FCC 15.247(Z.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1400.500	46.71	-15.98	74.0	27.29	Peak	331.00	150	Vertical	Pass
1**	1400.500	29.69	-15.98	54.0	24.31	AV	331.00	150	Vertical	Pass
2	2438.750	102.95	-12.37	74.0	-28.95	Peak	83.00	150	Vertical	N/A
2**	2438.750	95.47	-12.37	54.0	-41.47	AV	83.00	150	Vertical	N/A
3	4278.500	47.15	-3.38	74.0	26.85	Peak	360.00	150	Vertical	Pass
3**	4278.500	36.34	-3.38	54.0	17.66	AV	360.00	150	Vertical	Pass
4	7427.500	53.47	0.99	74.0	20.53	Peak	355.00	150	Vertical	Pass
4**	7427.500	42.66	0.99	54.0	11.34	AV	355.00	150	Vertical	Pass
5	10552.500	46.81	-3.23	74.0	27.19	Peak	270.00	150	Vertical	Pass
5**	10552.500	36.53	-3.23	54.0	17.47	AV	270.00	150	Vertical	Pass
6	16138.500	49.33	-1.42	74.0	24.67	Peak	359.00	150	Vertical	Pass
6**	16138.500	38.64	-1.42	54.0	15.36	AV	359.00	150	Vertical	Pass

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

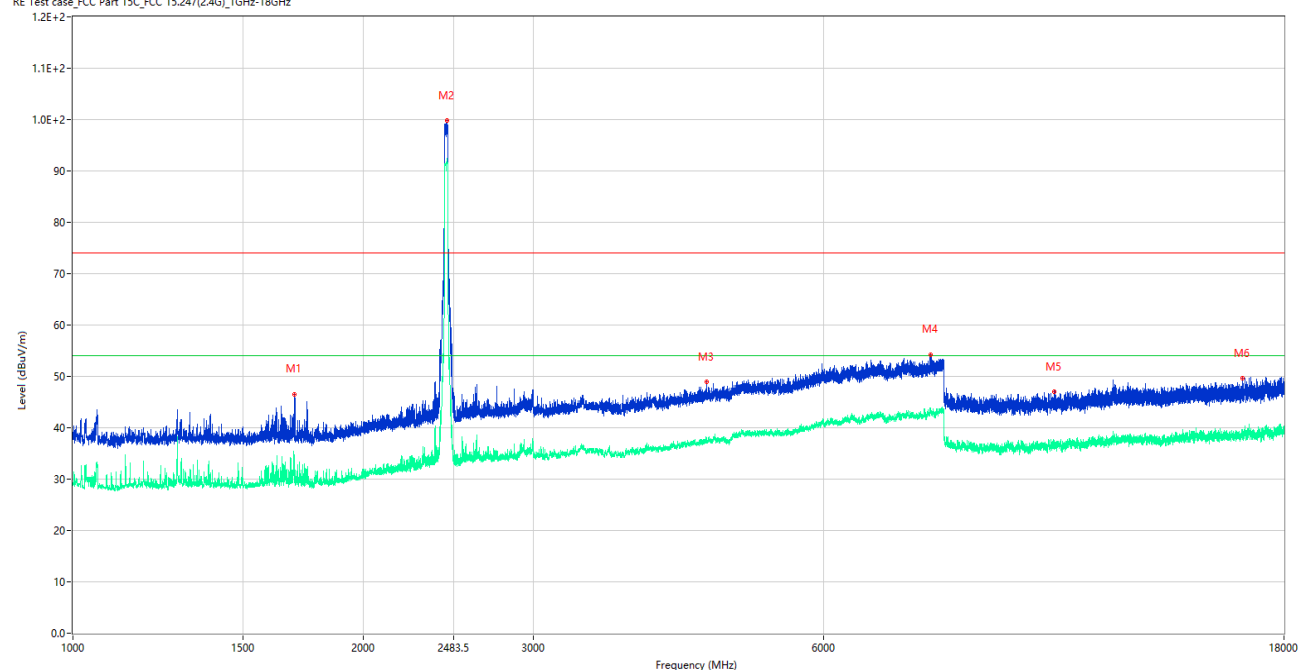
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1427.000	41.86	-15.97	74.0	32.14	Peak	150.00	150	Horizontal	Pass
1**	1427.000	31.57	-15.97	54.0	22.43	AV	150.00	150	Horizontal	Pass
2	2440.250	106.40	-12.37	74.0	-32.40	Peak	89.00	150	Horizontal	N/A
2**	2440.250	97.89	-12.37	54.0	-43.89	AV	89.00	150	Horizontal	Fail
3	4726.000	48.01	-3.30	74.0	25.99	Peak	360.00	150	Horizontal	Pass
3**	4726.000	37.86	-3.30	54.0	16.14	AV	360.00	150	Horizontal	Pass
4	7253.000	53.33	0.84	74.0	20.67	Peak	92.00	150	Horizontal	Pass
4**	7253.000	42.50	0.84	54.0	11.50	AV	92.00	150	Horizontal	Pass
5	10480.500	46.40	-3.42	74.0	27.60	Peak	0.00	150	Horizontal	Pass
5**	10480.500	36.06	-3.42	54.0	17.94	AV	0.00	150	Horizontal	Pass
6	14841.500	49.71	-0.38	74.0	24.29	Peak	0.00	150	Horizontal	Pass
6**	14841.500	38.40	-0.38	54.0	15.60	AV	0.00	150	Horizontal	Pass

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

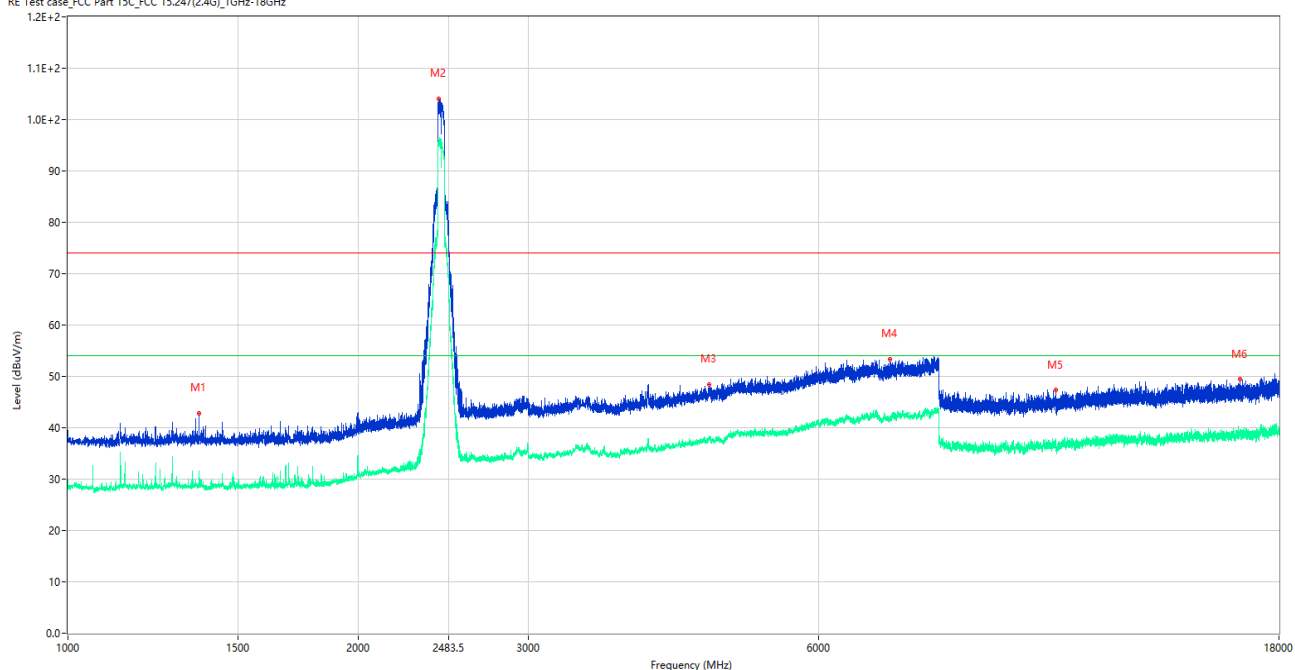
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1695.750	46.49	-16.51	74.0	27.51	Peak	139.00	150	Vertical	Pass
1**	1695.750	33.99	-16.51	54.0	20.01	AV	139.00	150	Vertical	Pass
2	2441.000	99.79	-12.39	74.0	-25.79	Peak	331.00	150	Vertical	N/A
2**	2441.000	92.45	-12.39	54.0	-38.45	AV	331.00	150	Vertical	Fail
3	4539.000	48.96	-3.05	74.0	25.04	Peak	12.00	150	Vertical	Pass
3**	4539.000	37.17	-3.05	54.0	16.83	AV	12.00	150	Vertical	Pass
4	7739.500	54.27	1.35	74.0	19.73	Peak	199.00	150	Vertical	Pass
4**	7739.500	43.45	1.35	54.0	10.55	AV	199.00	150	Vertical	Pass
5	10410.000	47.00	-3.23	74.0	27.00	Peak	264.00	150	Vertical	Pass
5**	10410.000	36.33	-3.23	54.0	17.67	AV	264.00	150	Vertical	Pass
6	16295.500	49.70	-1.57	74.0	24.30	Peak	179.00	150	Vertical	Pass
6**	16295.500	38.70	-1.57	54.0	15.30	AV	179.00	150	Vertical	Pass

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

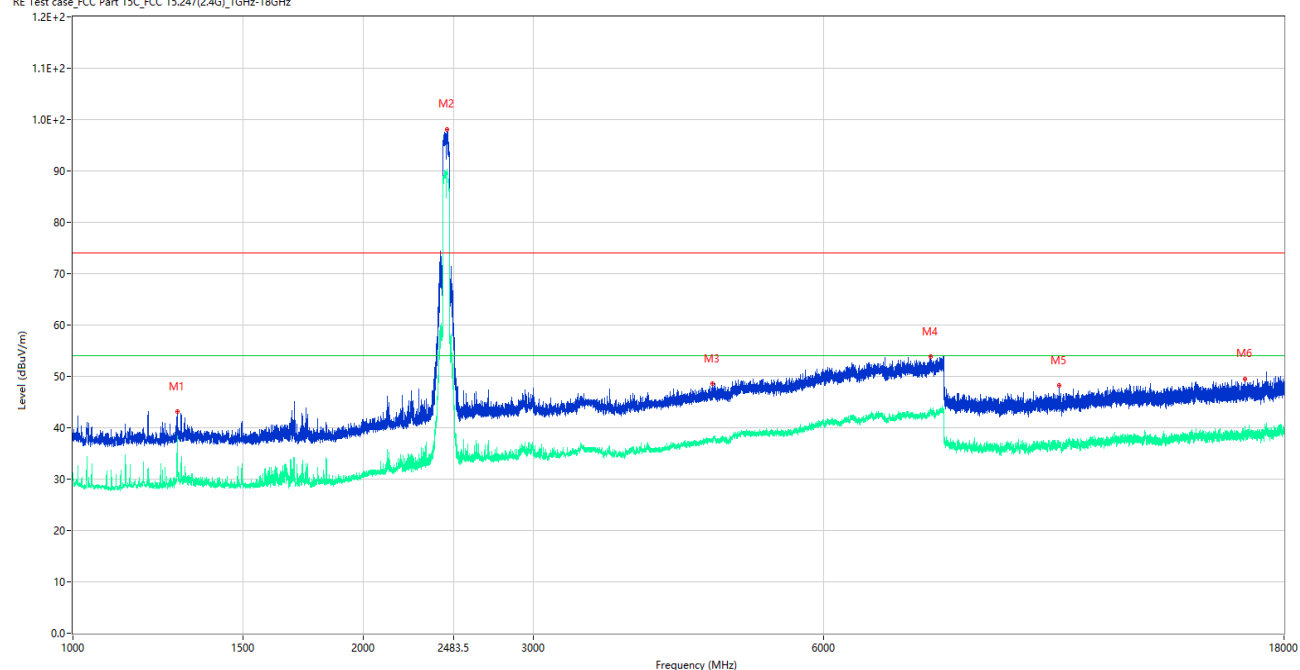
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1368.000	42.84	-15.89	74.0	31.16	Peak	146.00	150	Horizontal	Pass
1**	1368.000	31.47	-15.89	54.0	22.53	AV	146.00	150	Horizontal	Pass
2	2420.500	104.04	-12.34	74.0	-30.04	Peak	82.00	150	Horizontal	N/A
2**	2420.500	95.67	-12.34	54.0	-41.67	AV	82.00	150	Horizontal	N/A
3	4624.000	48.38	-2.64	74.0	25.62	Peak	142.00	150	Horizontal	Pass
3**	4624.000	38.11	-2.64	54.0	15.89	AV	142.00	150	Horizontal	Pass
4	7118.500	53.39	0.00	74.0	20.61	Peak	261.00	150	Horizontal	Pass
4**	7118.500	42.15	0.00	54.0	11.85	AV	261.00	150	Horizontal	Pass
5	10560.000	47.36	-3.38	74.0	26.64	Peak	62.00	150	Horizontal	Pass
5**	10560.000	36.16	-3.38	54.0	17.84	AV	62.00	150	Horizontal	Pass
6	16405.000	49.44	-1.81	74.0	24.56	Peak	1.00	150	Horizontal	Pass
6**	16405.000	39.27	-1.81	54.0	14.73	AV	1.00	150	Horizontal	Pass

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

RE Test case_FCC Part 15C_FCC 15.247(Z.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1282.500	43.10	-15.95	74.0	30.90	Peak	82.00	150	Vertical	Pass
1**	1282.500	37.56	-15.95	54.0	16.44	AV	82.00	150	Vertical	Pass
2	2442.000	98.10	-12.43	74.0	-24.10	Peak	337.00	150	Vertical	N/A
2**	2442.000	90.10	-12.43	54.0	-36.10	AV	337.00	150	Vertical	N/A
3	4599.000	48.53	-3.57	74.0	25.47	Peak	6.00	150	Vertical	Pass
3**	4599.000	37.10	-3.57	54.0	16.90	AV	6.00	150	Vertical	Pass
4	7749.000	53.84	1.49	74.0	20.16	Peak	264.00	150	Vertical	Pass
4**	7749.000	43.12	1.49	54.0	10.88	AV	264.00	150	Vertical	Pass
5	10521.500	48.22	-3.41	74.0	25.78	Peak	241.00	150	Vertical	Pass
5**	10521.500	36.62	-3.41	54.0	17.38	AV	241.00	150	Vertical	Pass
6	16395.500	49.51	-1.24	74.0	24.49	Peak	11.00	150	Vertical	Pass
6**	16395.500	39.27	-1.24	54.0	14.73	AV	11.00	150	Vertical	Pass

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

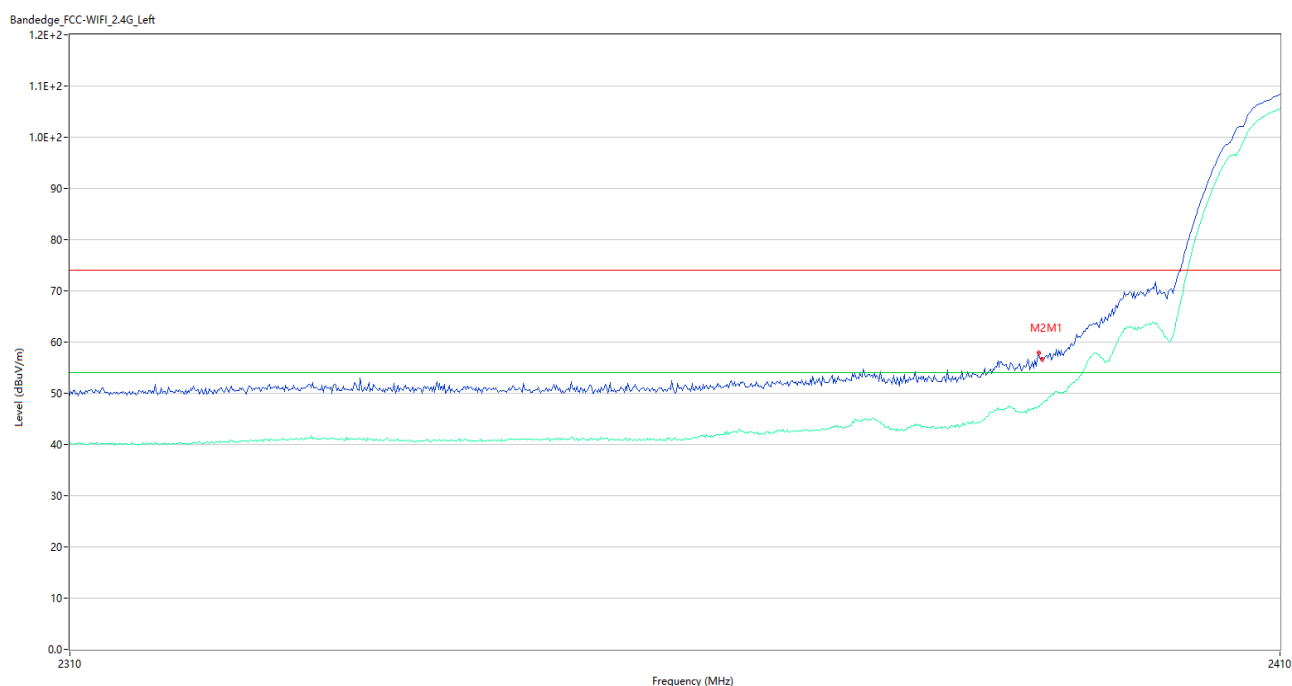
Note 1: The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.

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.

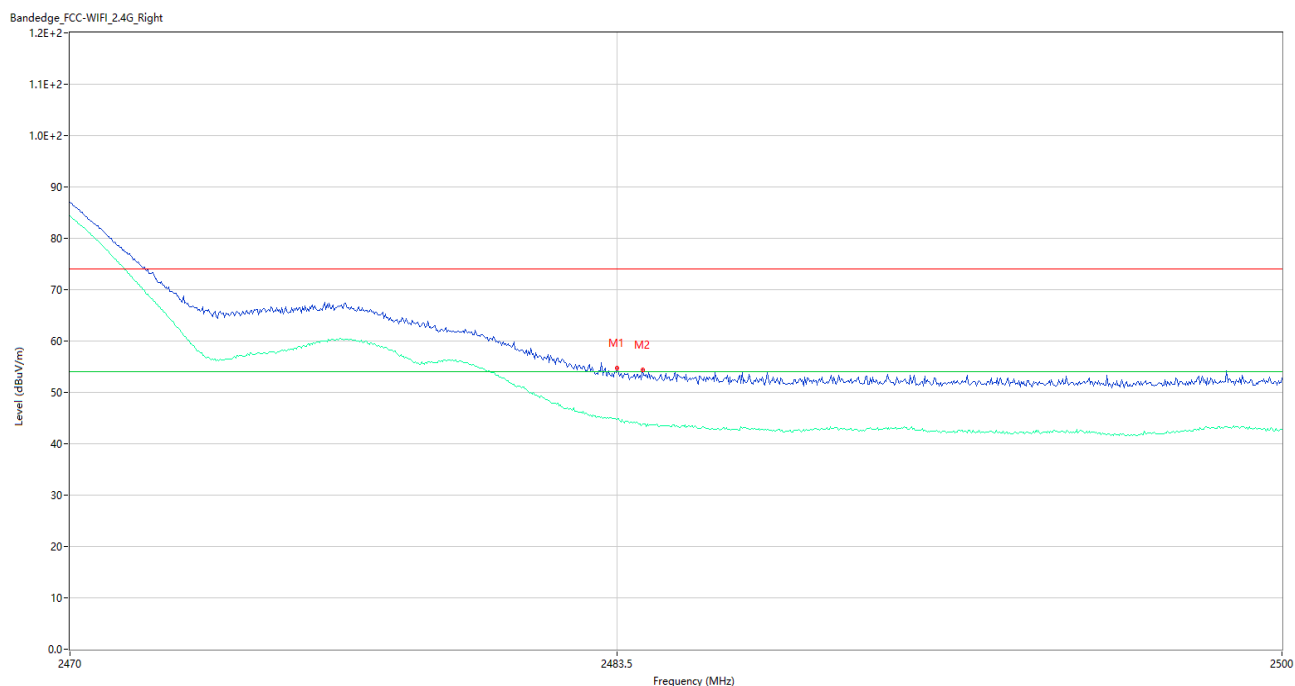
Test Data and Plots

802.11b LOW CHANNEL



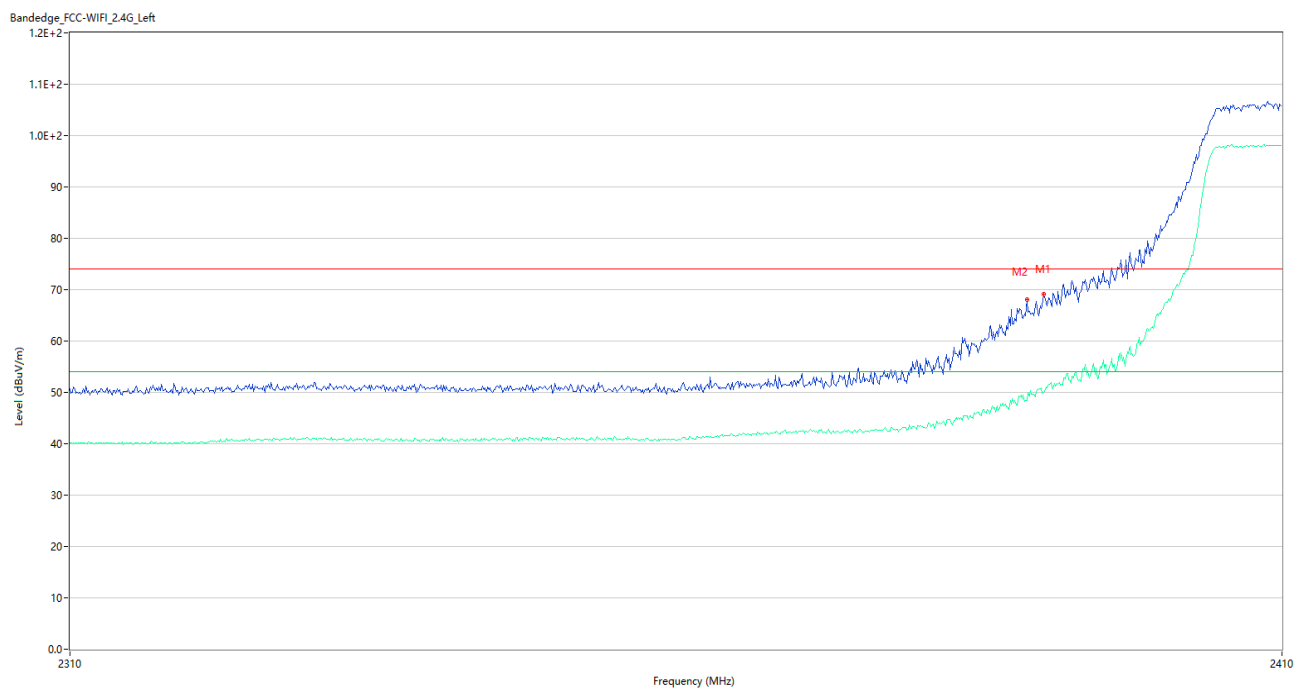
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	56.69	-4.87	74.0	17.31	Peak	87.99	150	Horizontal	Pass
1**	2390.000	47.91	-4.87	54.0	6.09	AV	87.99	150	Horizontal	Pass
2	2389.700	57.88	-4.86	74.0	16.12	Peak	82.00	150	Horizontal	Pass
2**	2389.700	47.31	-4.86	54.0	6.69	AV	82.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



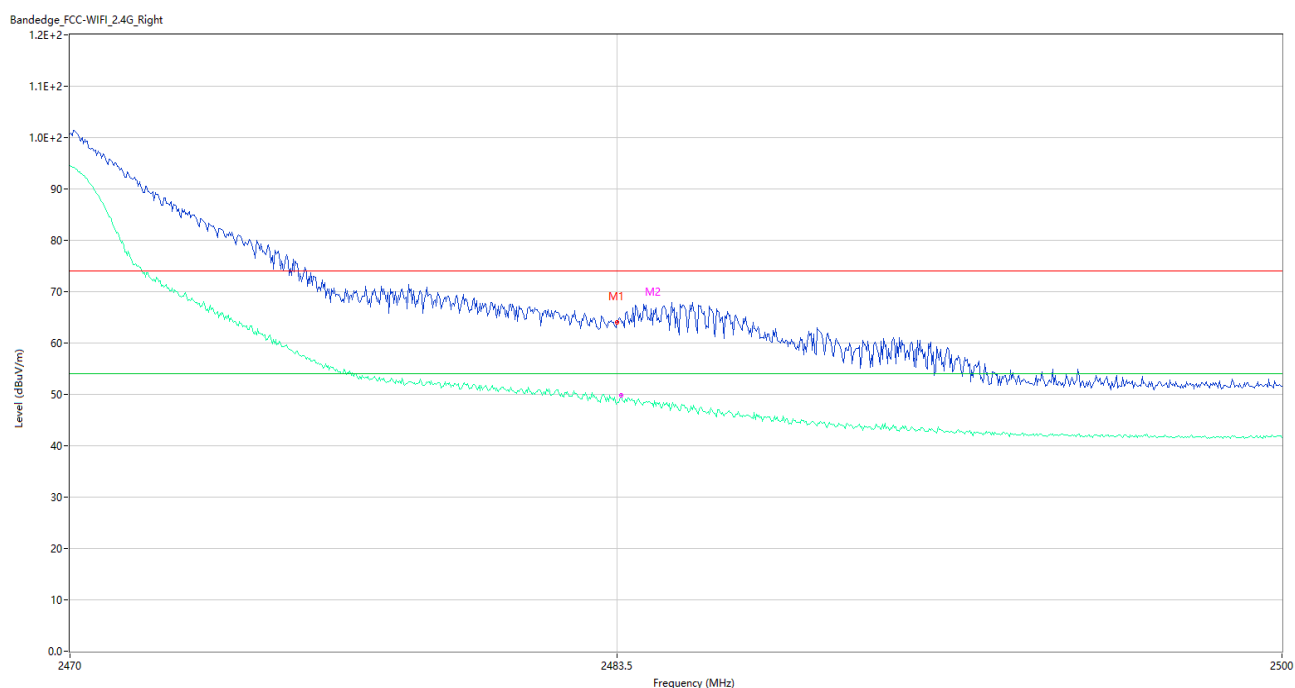
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.68	-3.78	74.0	19.32	Peak	143.00	150	Horizontal	Pass
1**	2483.500	44.71	-3.78	54.0	9.29	AV	143.00	150	Horizontal	Pass
2	2484.130	54.31	-3.78	74.0	19.69	Peak	147.00	150	Horizontal	Pass
2**	2484.130	43.87	-3.78	54.0	10.13	AV	147.00	150	Horizontal	Pass

802.11g LOW CHANNEL



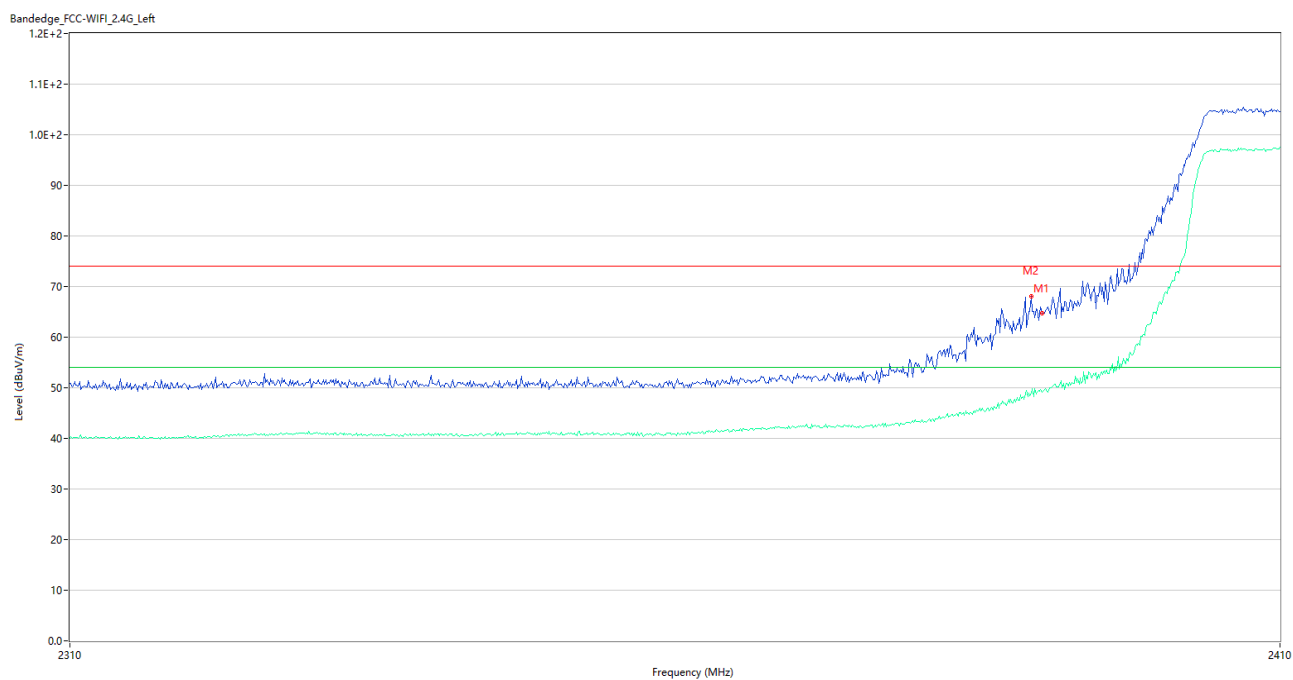
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	69.09	-4.87	74.0	4.91	Peak	87.06	150	Horizontal	Pass
1**	2390.000	50.06	-4.87	54.0	3.94	AV	87.06	150	Horizontal	Pass
2	2388.600	68.07	-4.80	74.0	5.93	Peak	87.00	150	Horizontal	Pass
2**	2388.600	48.47	-4.80	54.0	5.53	AV	87.00	150	Horizontal	Pass

802.11g HIGH CHANNEL



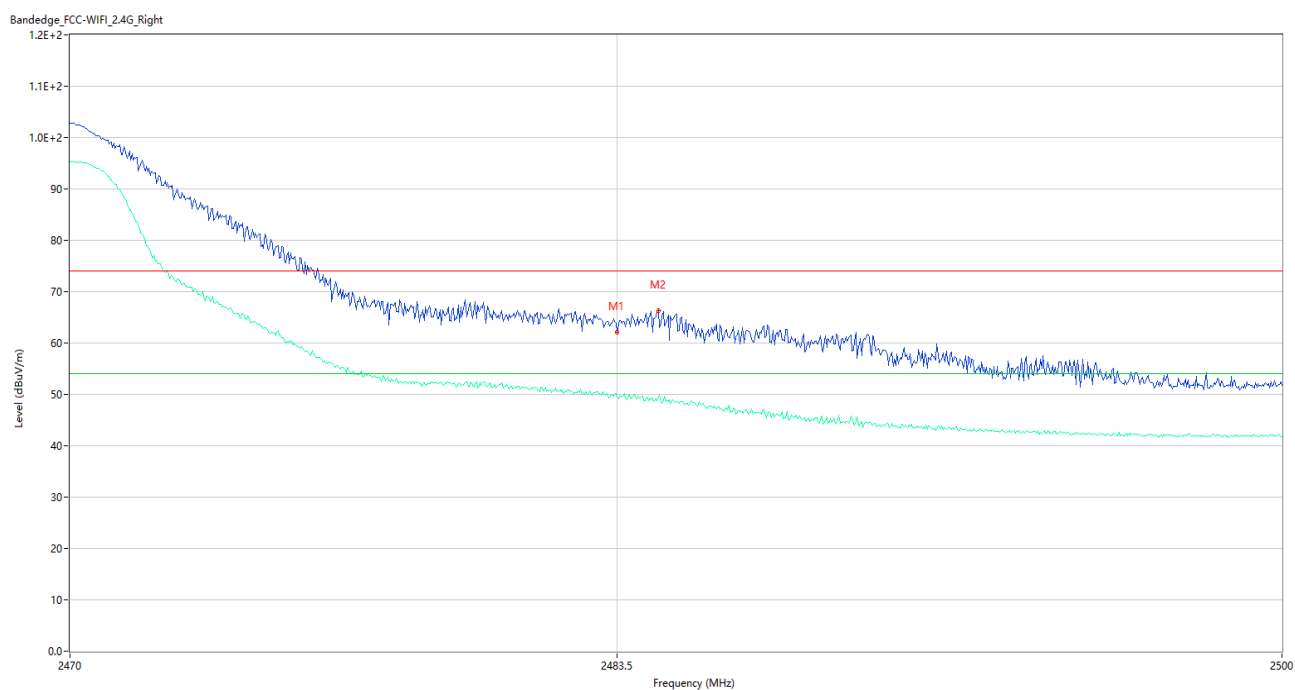
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.01	-3.78	74.0	9.99	Peak	87.00	150	Horizontal	Pass
1**	2483.500	48.42	-3.78	54.0	5.58	AV	87.00	150	Horizontal	Pass
2	2483.590	64.39	-3.78	74.0	9.61	Peak	144.00	150	Horizontal	Pass
2**	2483.590	49.82	-3.78	54.0	4.18	AV	144.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL



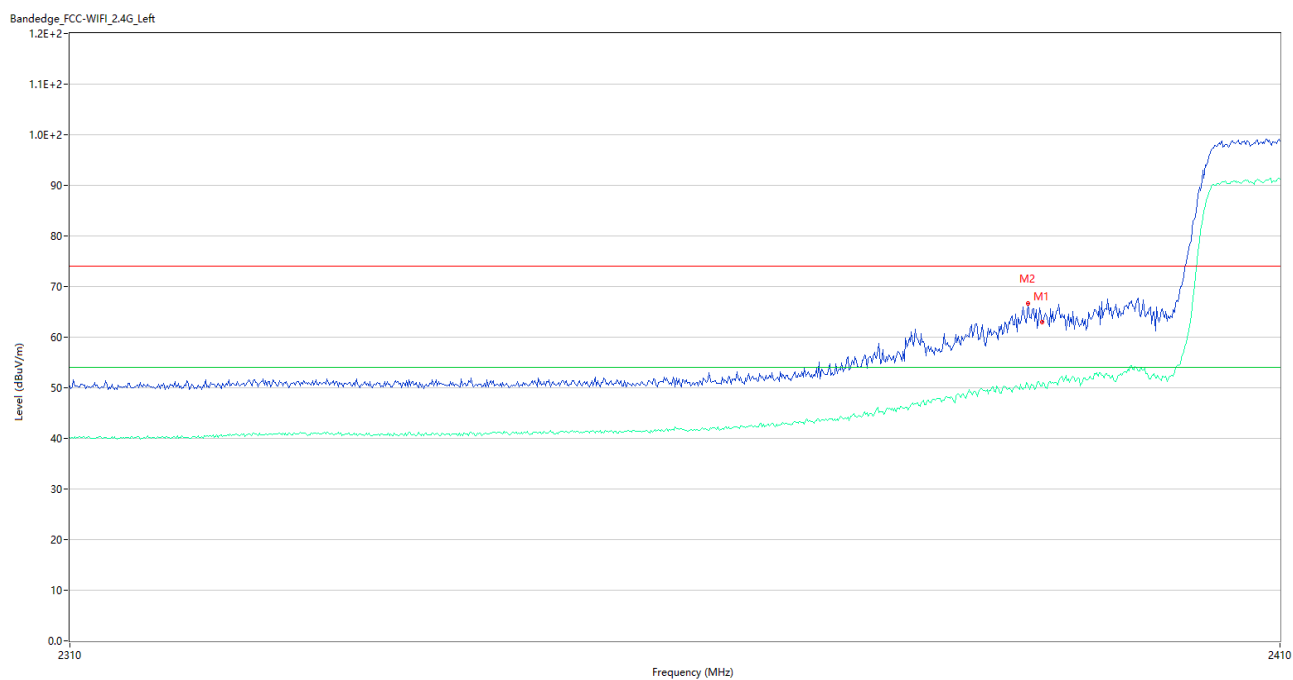
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2390.000	64.71	-4.87	74.0	9.29	Peak	78.01	150	Horizontal	Pass
1**	2390.000	49.13	-4.87	54.0	4.87	AV	78.01	150	Horizontal	Pass
2	2389.100	68.07	-4.82	74.0	5.93	Peak	84.00	150	Horizontal	Pass
2**	2389.100	48.95	-4.82	54.0	5.05	AV	84.00	150	Horizontal	Pass

802.11n20 HIGH CHANNEL



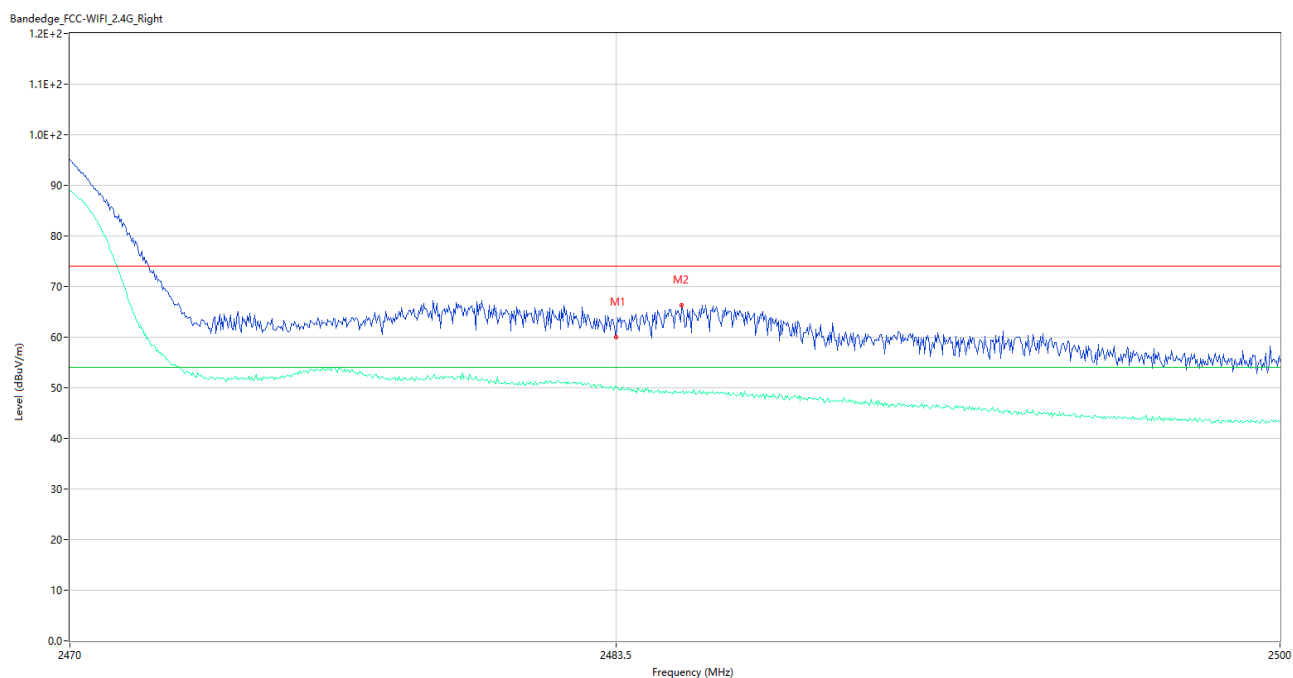
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.18	-3.78	74.0	11.82	Peak	150.00	150	Horizontal	Pass
1**	2483.500	49.40	-3.78	54.0	4.60	AV	150.00	150	Horizontal	Pass
2	2484.520	66.27	-3.78	74.0	7.73	Peak	92.00	150	Horizontal	Pass
2**	2484.520	49.39	-3.78	54.0	4.61	AV	92.00	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	63.01	-4.87	74.0	10.99	Peak	144.93	150	Horizontal	Pass
1**	2390.000	50.40	-4.87	54.0	3.60	AV	144.93	150	Horizontal	Pass
2	2388.800	66.68	-4.81	74.0	7.32	Peak	82.00	150	Horizontal	Pass
2**	2388.800	50.46	-4.81	54.0	3.54	AV	82.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin(dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	59.95	-3.78	74.0	14.05	Peak	148.00	150	Horizontal	Pass
1**	2483.500	50.37	-3.78	54.0	3.63	AV	148.00	150	Horizontal	Pass
2	2485.120	66.26	-3.78	74.0	7.74	Peak	88.00	150	Horizontal	Pass
2**	2485.120	49.05	-3.78	54.0	4.95	AV	88.00	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	-5.21	8
High	-5.72	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.61	8
Middle	-11.59	8
High	-10.80	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-10.44	8
Middle	-10.54	8
High	-10.61	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-18.57	8
Middle	-17.25	8
High	-16.82	8

Test Plots

802.11b LOW CHANNEL



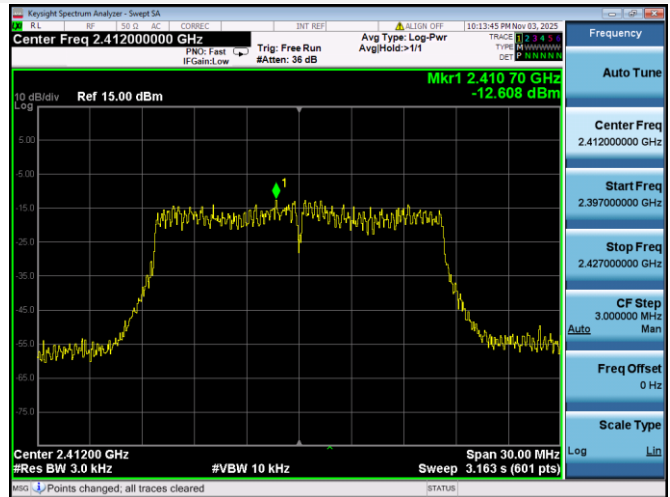
802.11b MIDDLE CHANNEL



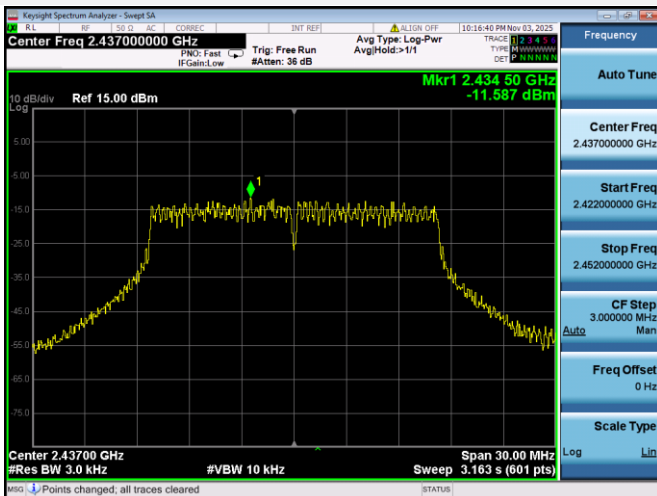
802.11b HIGH CHANNEL



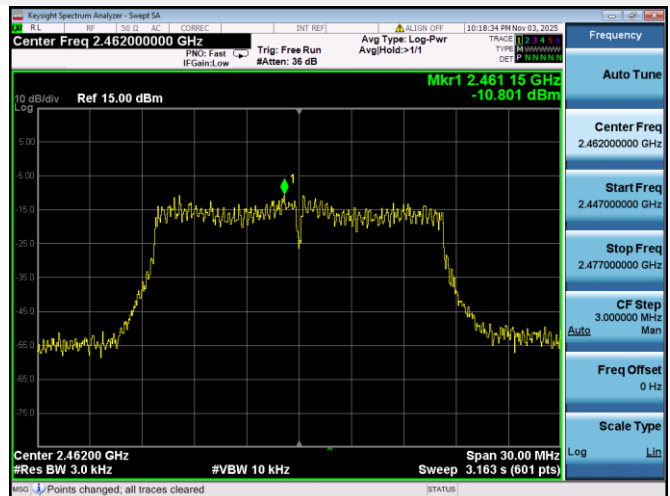
802.11g LOW CHANNEL



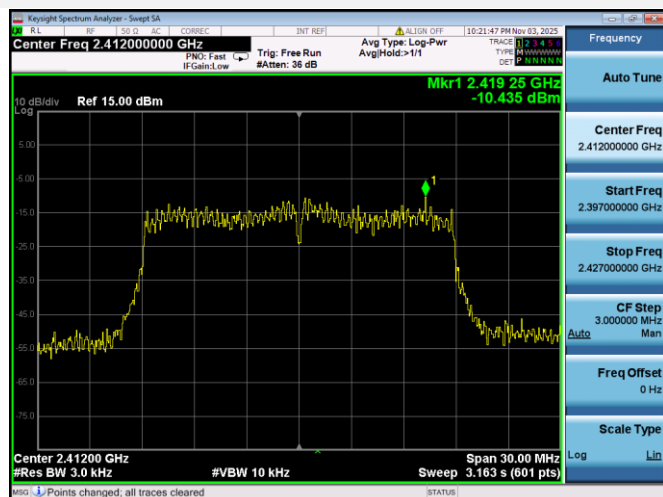
802.11g MIDDLE CHANNEL



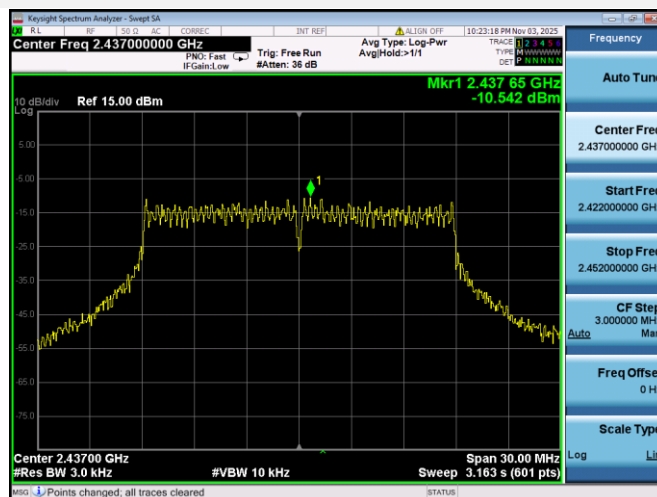
802.11g HIGH CHANNEL



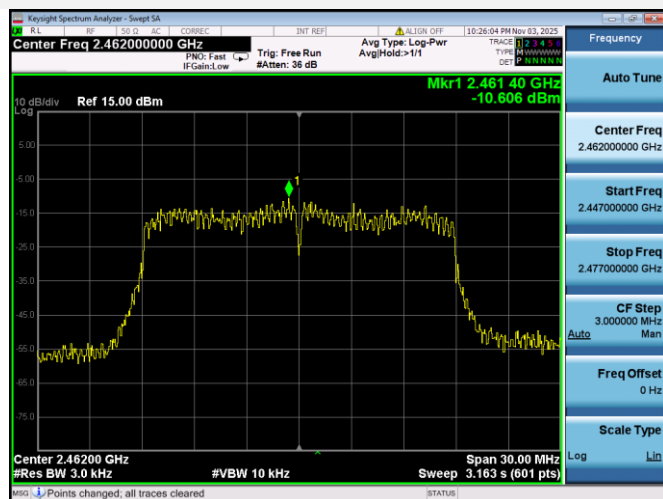
802.11n-20 MHz LOW CHANNEL



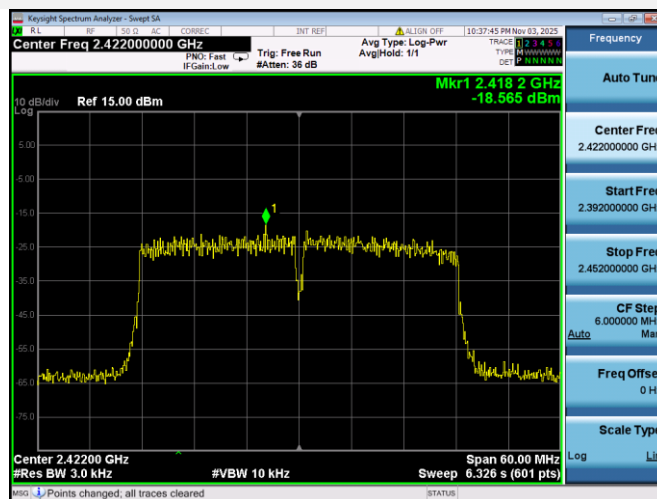
802.11n-20 MHz MIDDLE CHANNEL



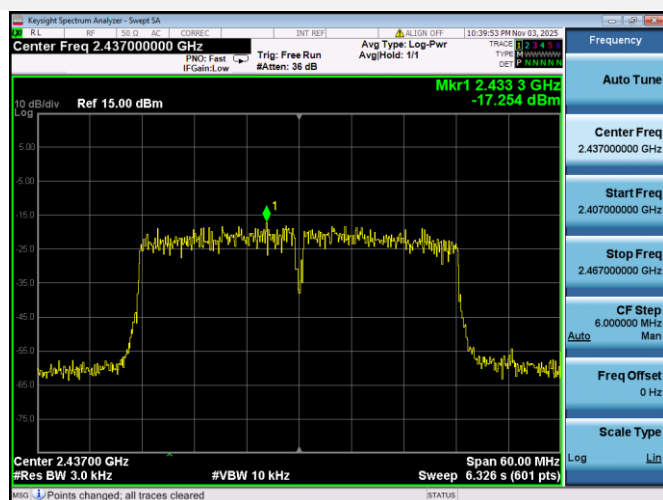
802.11n-20 MHz HIGH CHANNEL



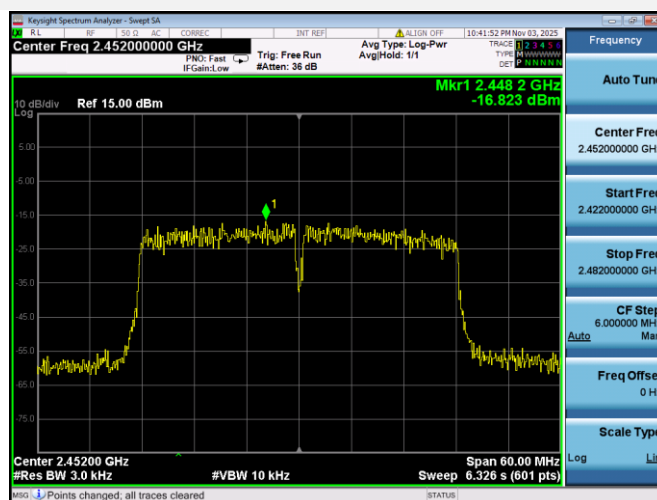
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2591451-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2591451-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2591451-AI.PDF”.

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--END OF REPORT--