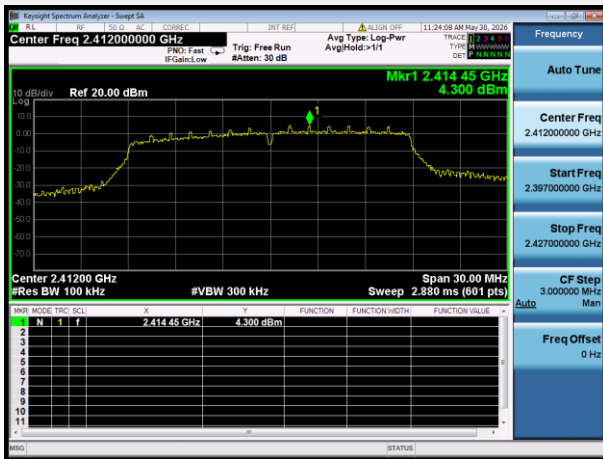
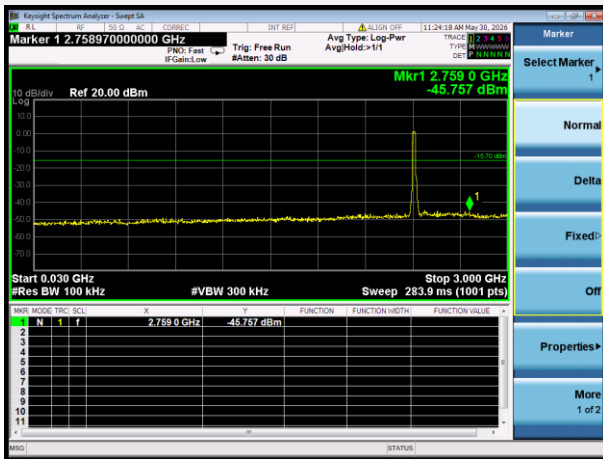
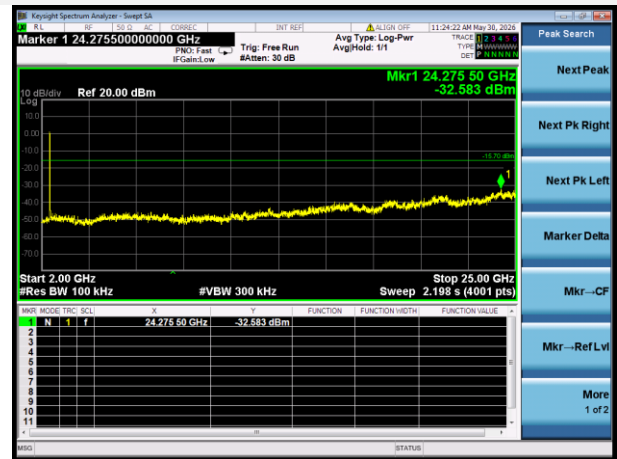
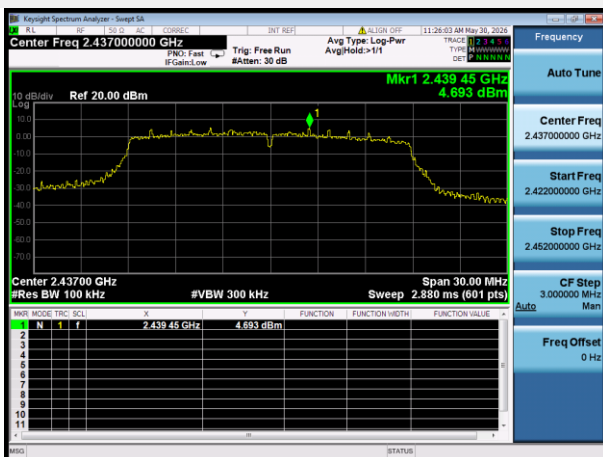


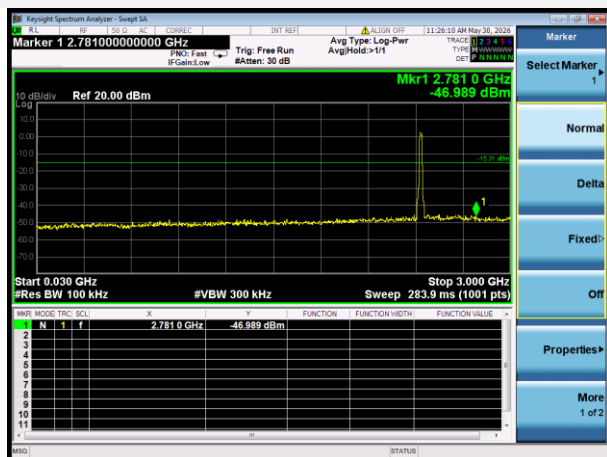
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

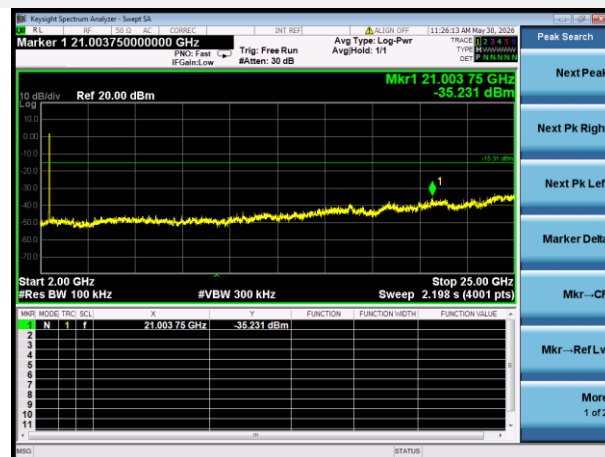
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



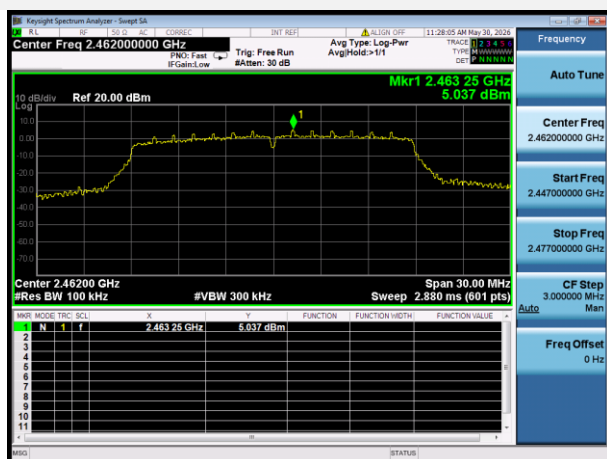
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



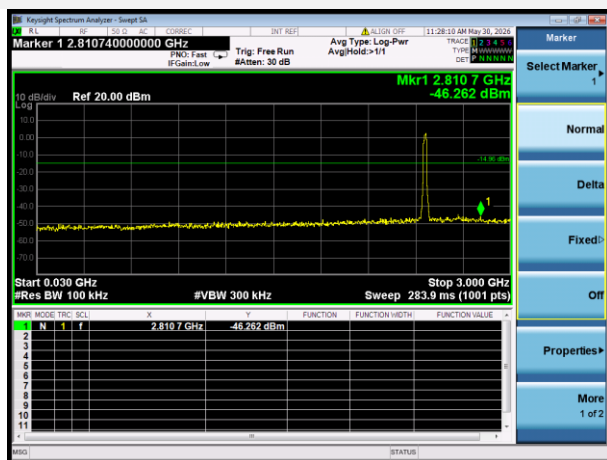
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



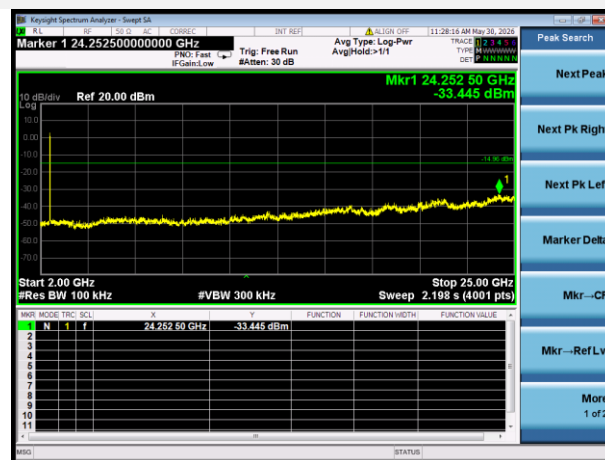
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



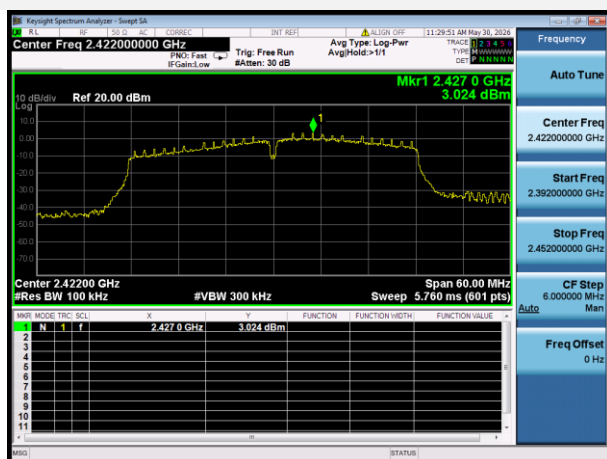
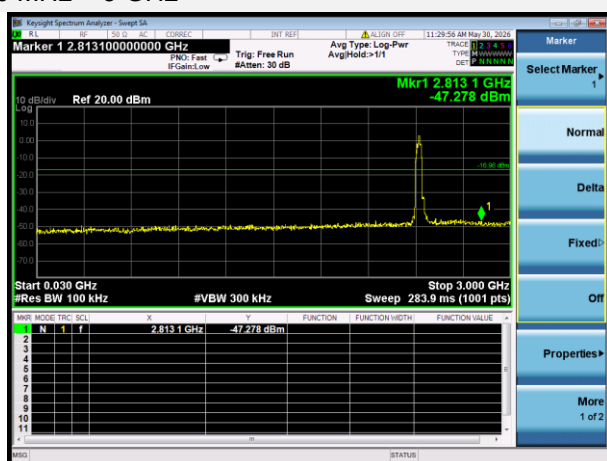
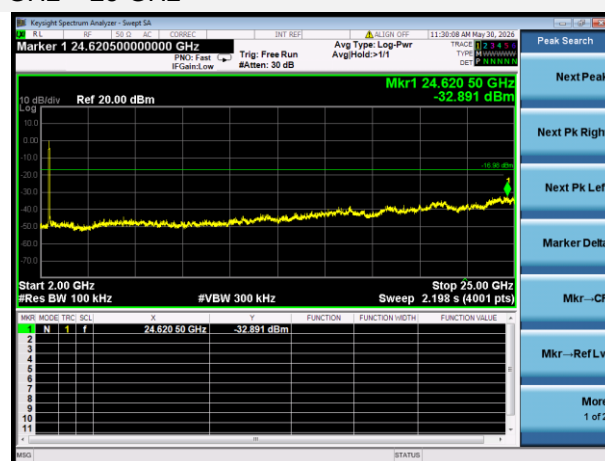
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



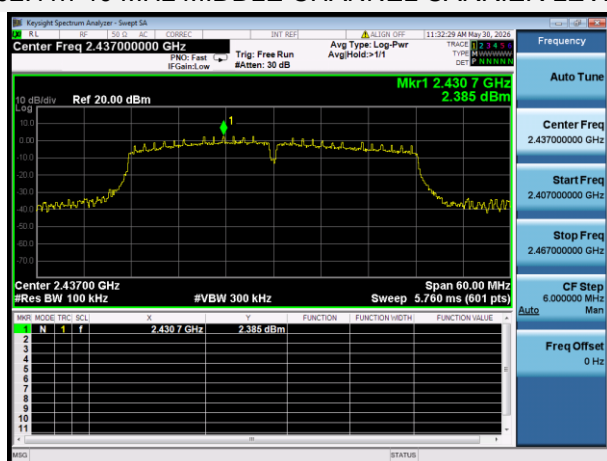
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



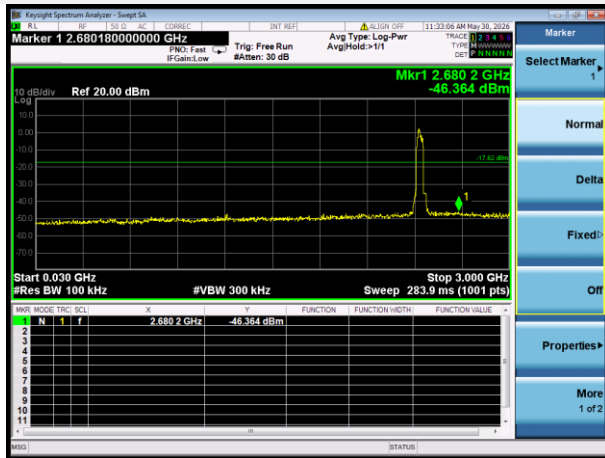
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

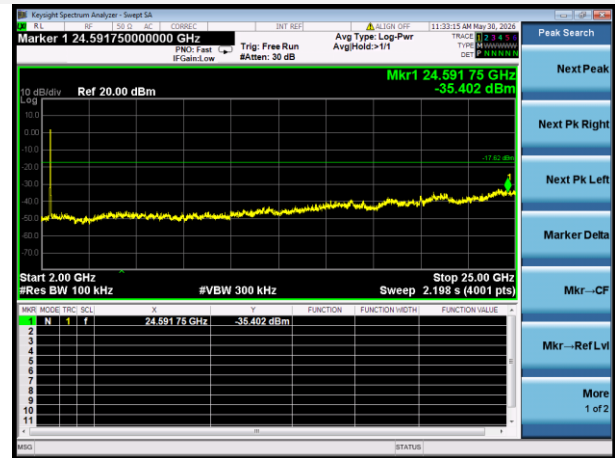
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



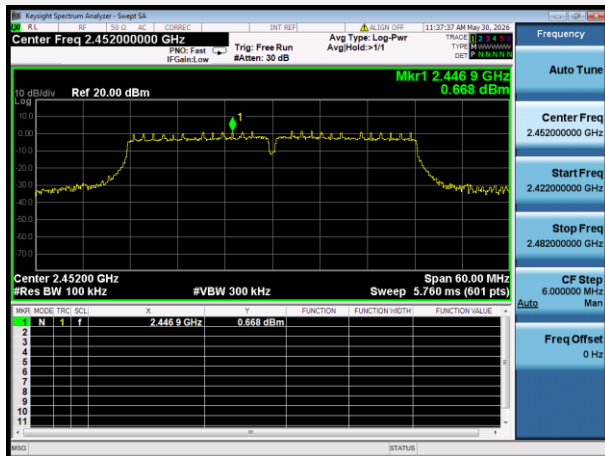
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



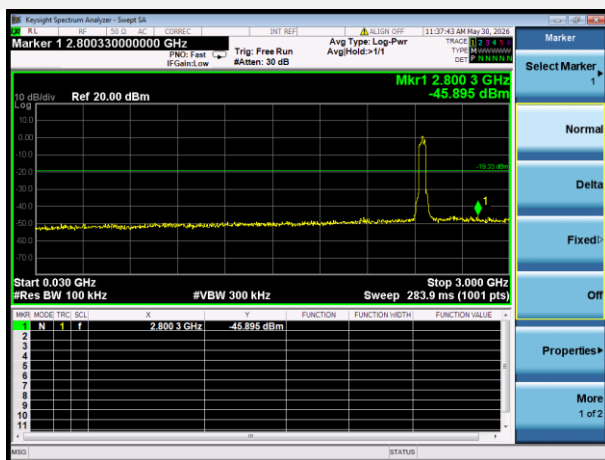
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



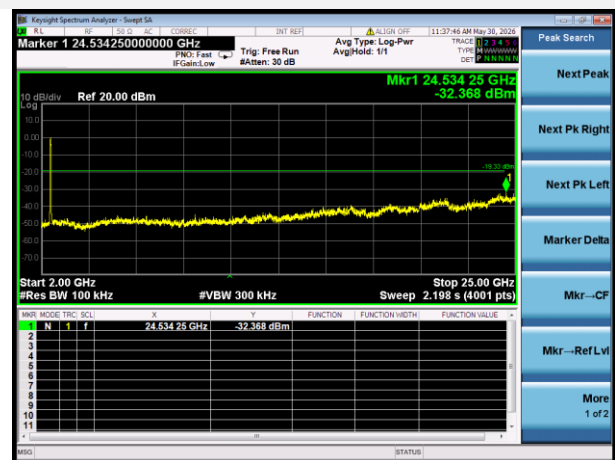
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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: 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 Channel	-44.50	7.30	-12.70	Pass
High Channel	-47.59	7.56	-12.44	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.62	3.93	-16.07	Pass
High Channel	-39.18	5.27	-14.73	Pass

802.11n-20 MHz Mode:

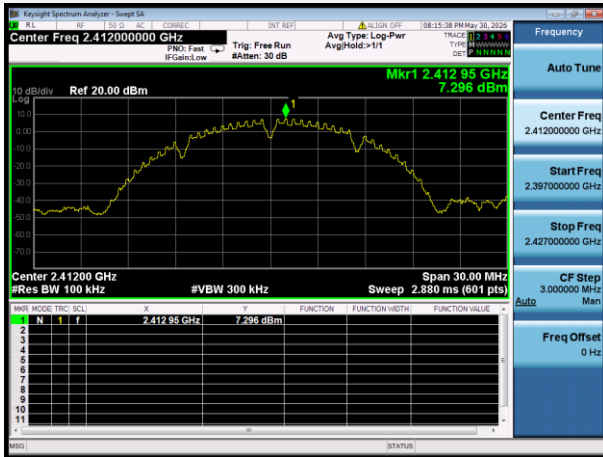
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.83	4.30	-15.70	Pass
High Channel	-39.24	5.04	-14.96	Pass

802.11n-40 MHz Mode:

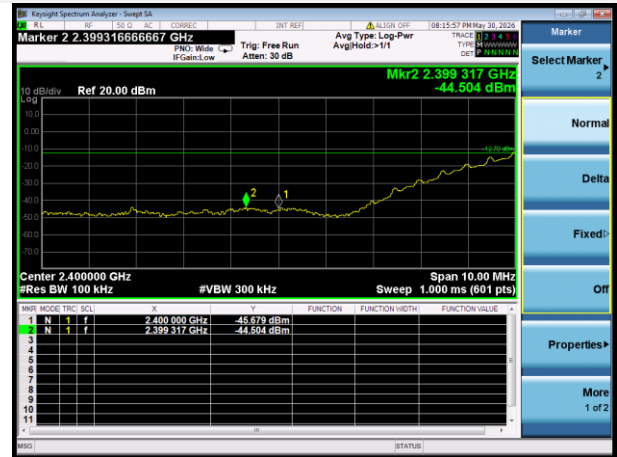
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.45	3.02	-16.98	Pass
High Channel	-33.45	0.67	-19.33	Pass

Test Plots

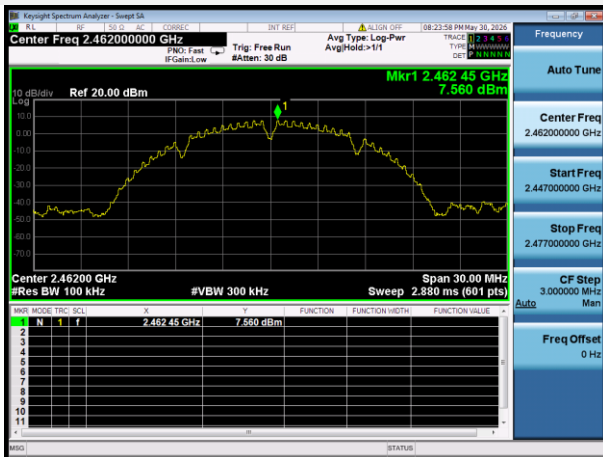
802.11b LOW CHANNEL, CARRIER LEVEL



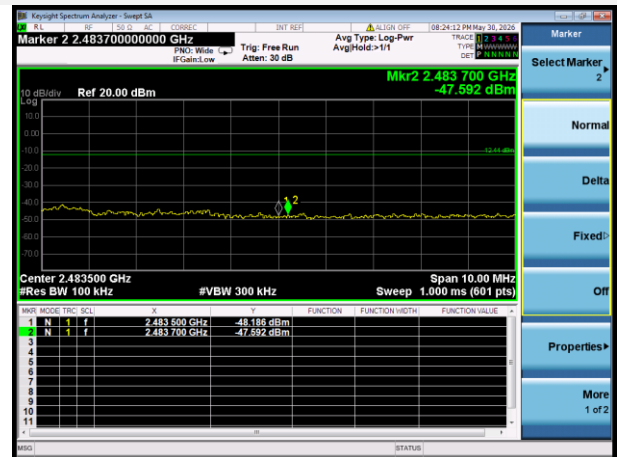
802.11b LOW CHANNEL, BAND EDGE



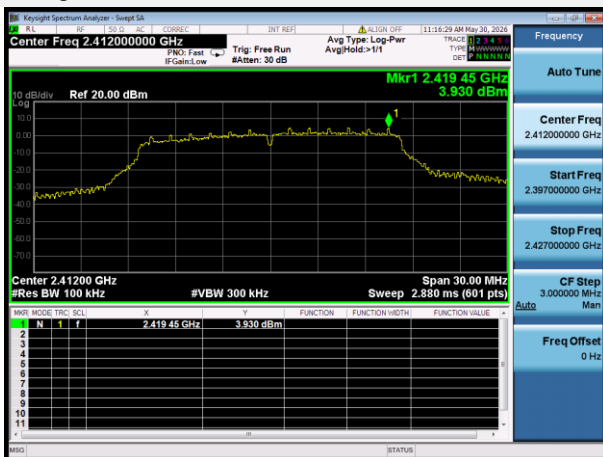
802.11b HIGH CHANNEL, CARRIER LEVEL



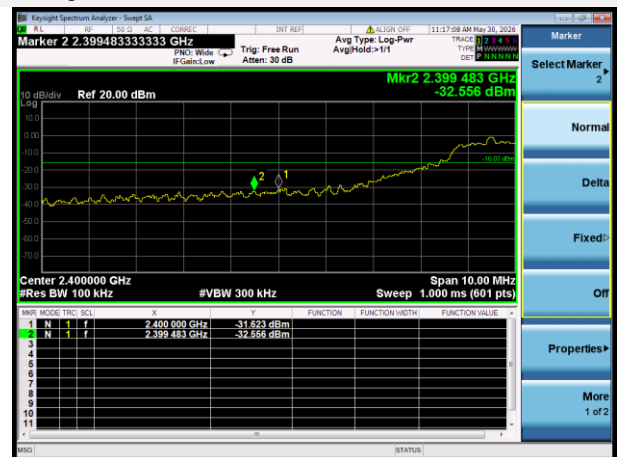
802.11b HIGH CHANNEL, BAND EDGE



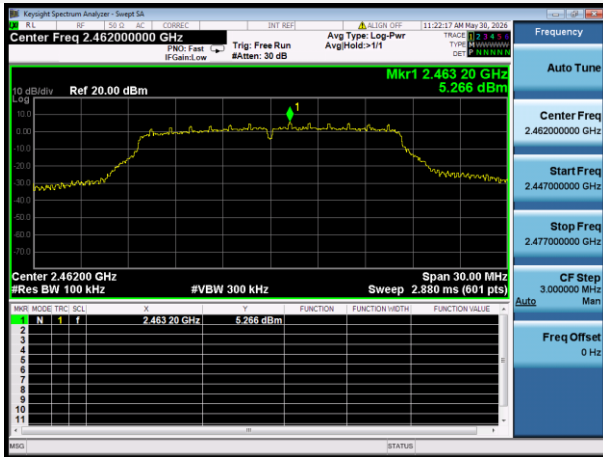
802.11g LOW CHANNEL, CARRIER LEVEL



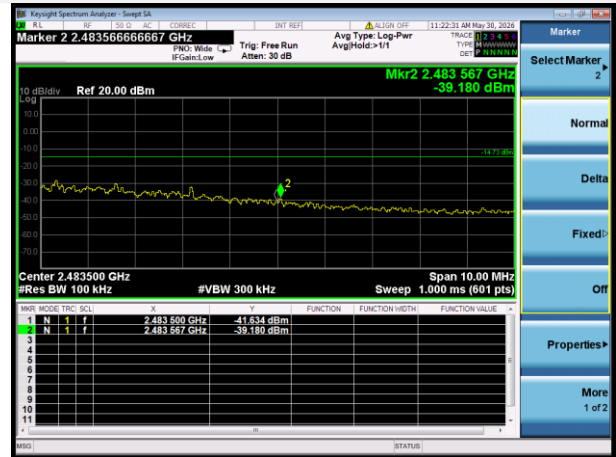
802.11g LOW CHANNEL, BAND EDGE



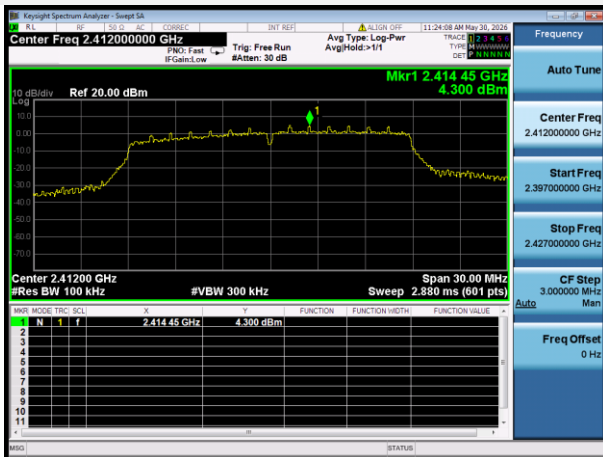
802.11g HIGH CHANNEL, CARRIER LEVEL



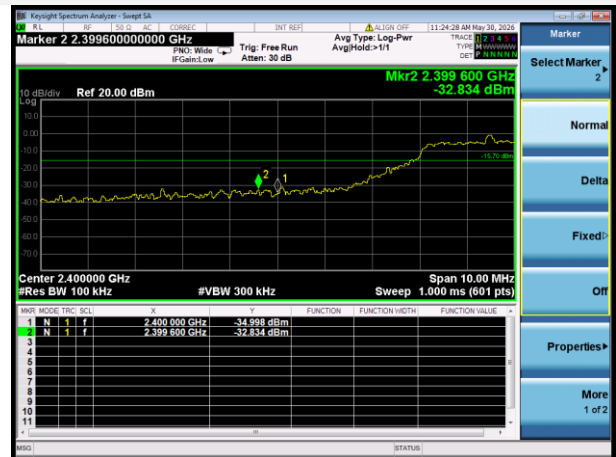
802.11g HIGH CHANNEL, BAND EDGE



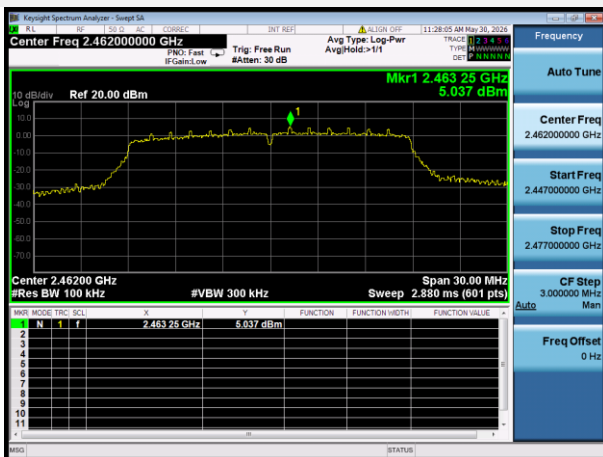
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



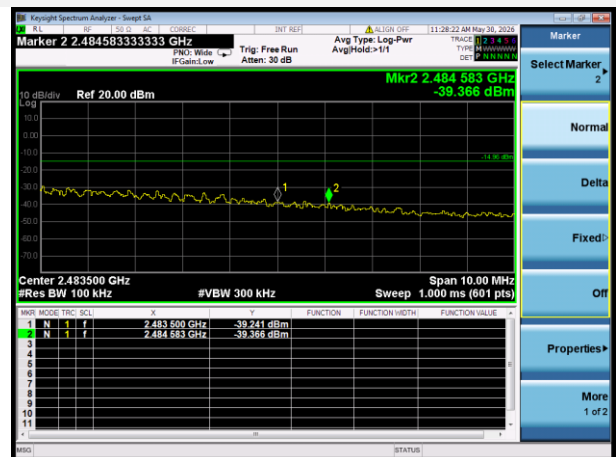
802.11n-20 MHz LOW CHANNEL, BAND EDGE



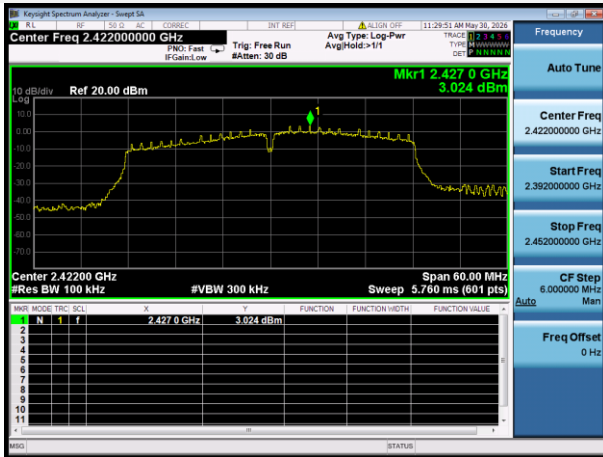
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



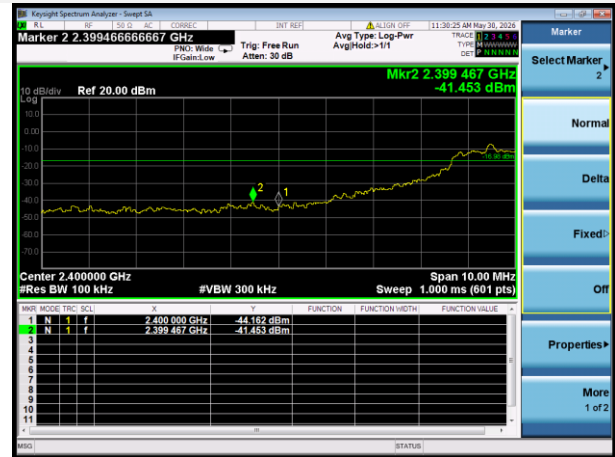
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



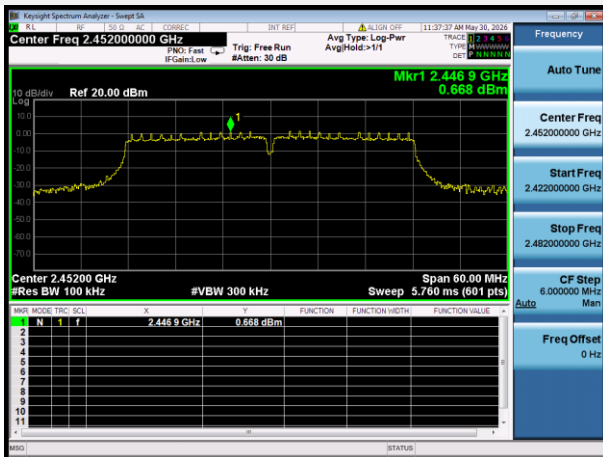
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



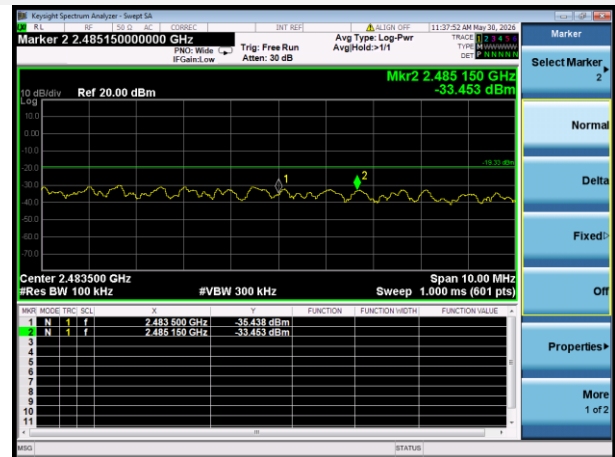
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

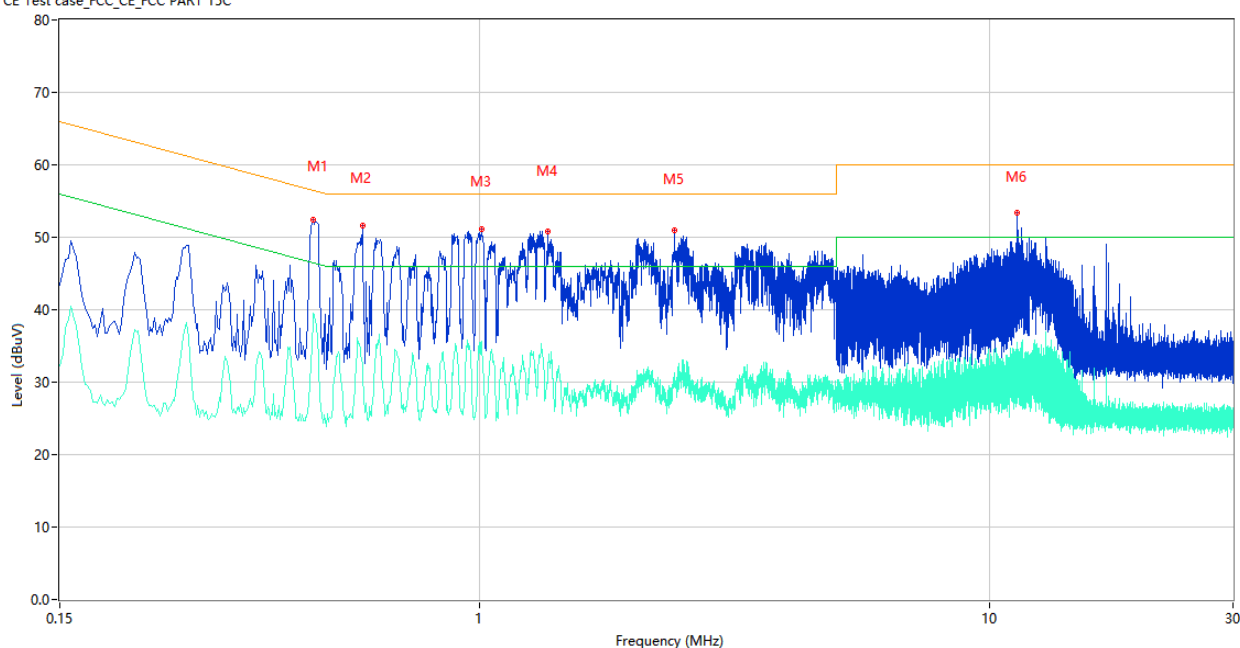
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

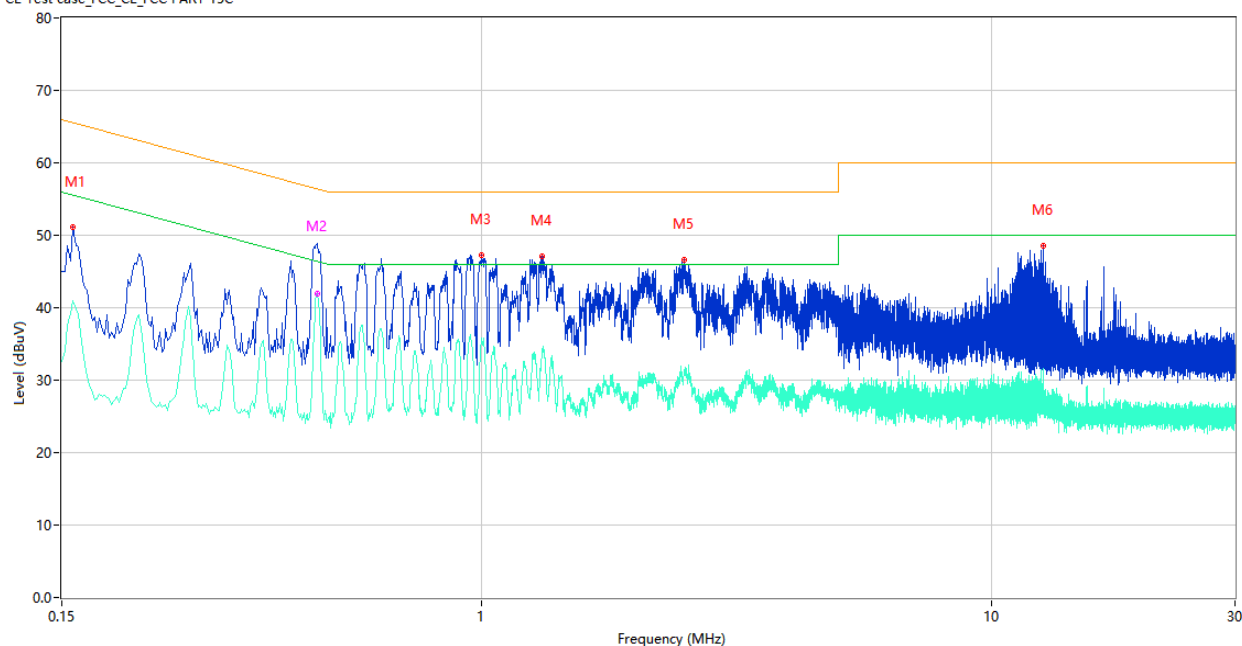
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.472	52.45	10.07	56.48	4.03	Peak	L	Pass
1**	0.472	39.52	10.07	46.48	6.96	AV	L	Pass
2	0.588	51.63	10.19	56.00	4.37	Peak	L	Pass
2**	0.588	32.43	10.19	46.00	13.57	AV	L	Pass
3	1.006	51.18	10.06	56.00	4.82	Peak	L	Pass
3**	1.006	35.66	10.06	46.00	10.34	AV	L	Pass
4	1.362	50.78	9.99	56.00	5.22	Peak	L	Pass
4**	1.362	32.38	9.99	46.00	13.62	AV	L	Pass
5	2.412	51.04	10.32	56.00	4.96	Peak	L	Pass
5**	2.412	30.92	10.32	46.00	15.08	AV	L	Pass
6	11.314	53.39	10.42	60.00	6.61	Peak	L	Pass
6**	11.314	35.46	10.42	50.00	14.54	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	0.158	51.11	9.86	65.57	14.46	Peak	N	Pass
1**	0.158	41.04	9.86	55.57	14.53	AV	N	Pass
2	0.476	48.95	10.06	56.41	7.46	Peak	N	Pass
2**	0.476	41.93	10.06	46.41	4.48	AV	N	Pass
3	1.000	47.31	10.03	56.00	8.69	Peak	N	Pass
3**	1.000	35.68	10.03	46.00	10.32	AV	N	Pass
4	1.310	47.04	10.46	56.00	8.96	Peak	N	Pass
4**	1.310	33.01	10.46	46.00	12.99	AV	N	Pass
5	2.492	46.61	10.22	56.00	9.39	Peak	N	Pass
5**	2.492	31.09	10.22	46.00	14.91	AV	N	Pass
6	12.604	48.52	10.66	60.00	11.48	Peak	N	Pass
6**	12.604	31.66	10.66	50.00	18.34	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

Note²: For the test data above 1 GHz, According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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.

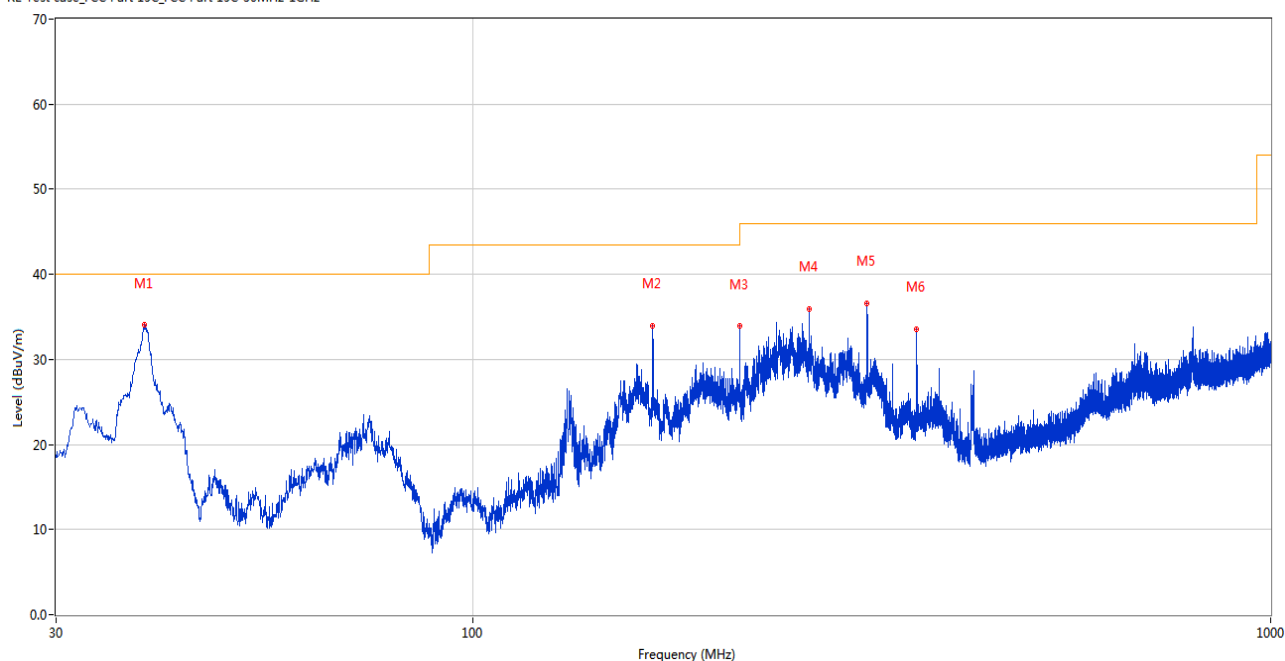
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: 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

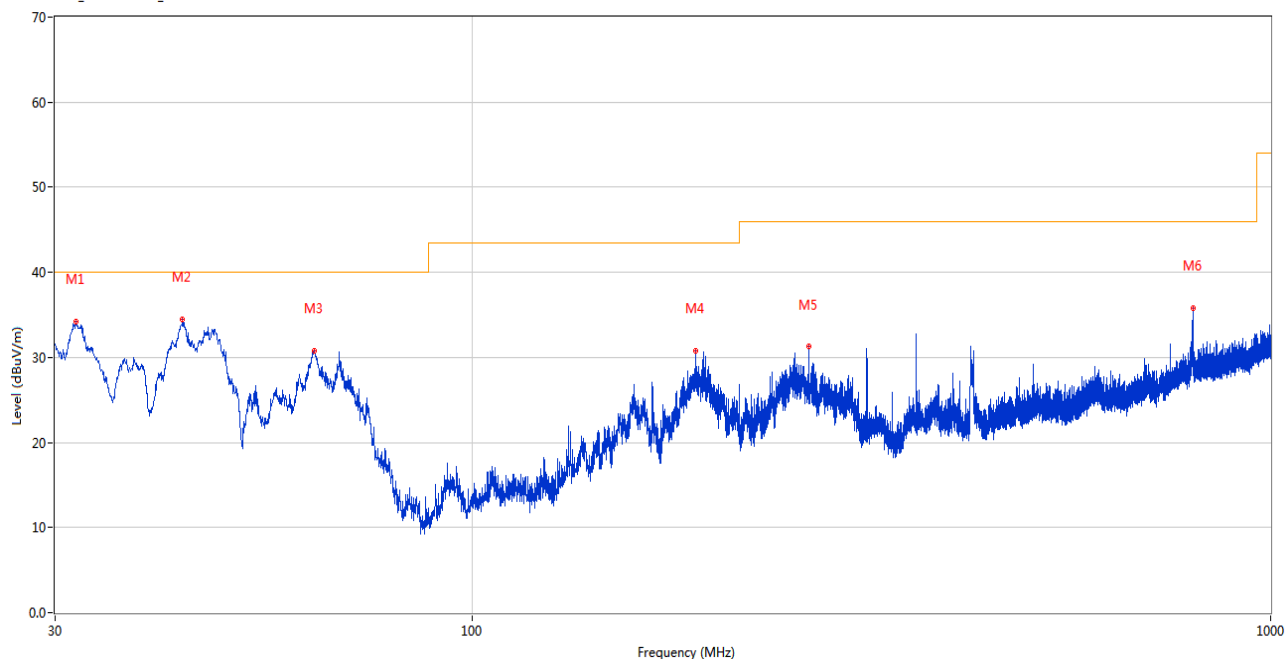
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.730	34.02	-25.67	40.0	5.98	Peak	304.00	100	Horizontal	Pass
2	167.982	33.95	-24.05	43.5	9.55	Peak	129.00	100	Horizontal	Pass
3	215.998	33.90	-26.78	43.5	9.60	Peak	104.00	200	Horizontal	Pass
4	264.013	35.91	-23.74	46.0	10.09	Peak	96.00	200	Horizontal	Pass
5	312.027	36.62	-21.76	46.0	9.38	Peak	70.00	100	Horizontal	Pass
6	359.994	33.51	-20.25	46.0	12.49	Peak	78.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



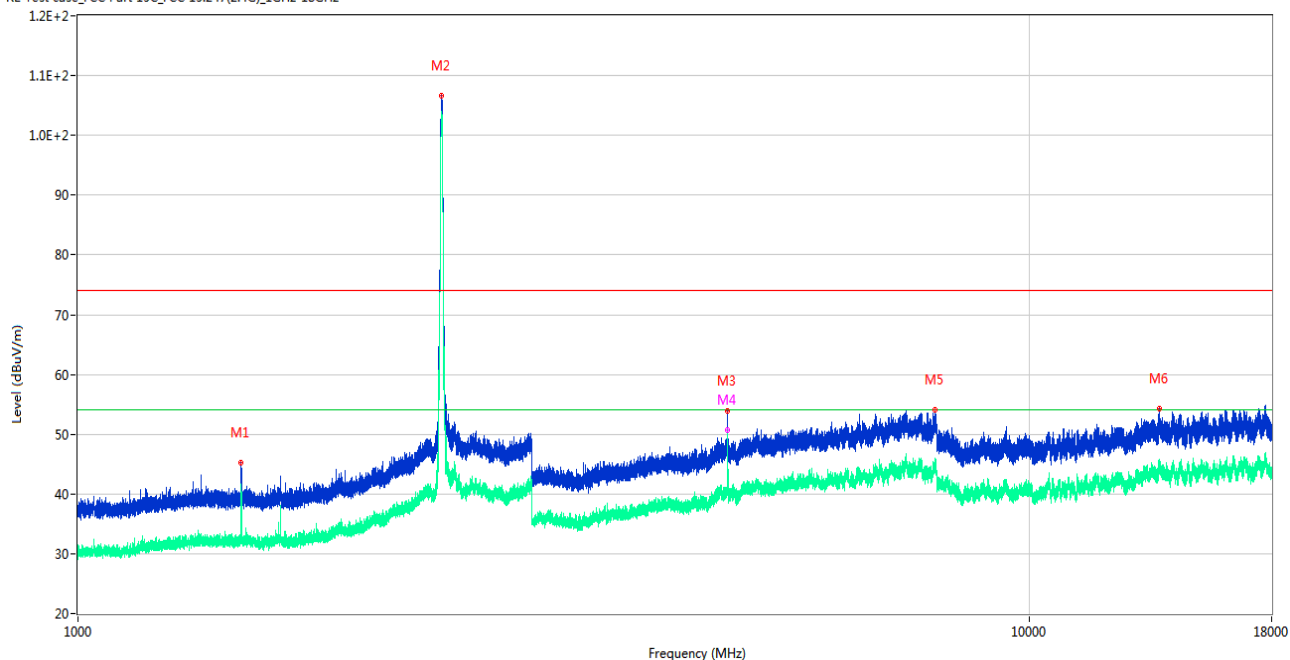
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.892	34.20	-26.76	40.0	5.80	Peak	141.00	100	Vertical	Pass
2	43.337	34.51	-25.02	40.0	5.49	Peak	218.00	100	Vertical	Pass
3	63.319	30.80	-26.05	40.0	9.20	Peak	117.00	100	Vertical	Pass
4	190.341	30.82	-26.40	43.5	12.68	Peak	174.00	100	Vertical	Pass
5	264.061	31.24	-23.74	46.0	14.76	Peak	151.00	200	Vertical	Pass
6	799.841	35.81	-9.11	46.0	10.19	Peak	192.00	100	Vertical	Pass

Note¹: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note²: The spurious above 18G is noise only, do not show on the report.

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

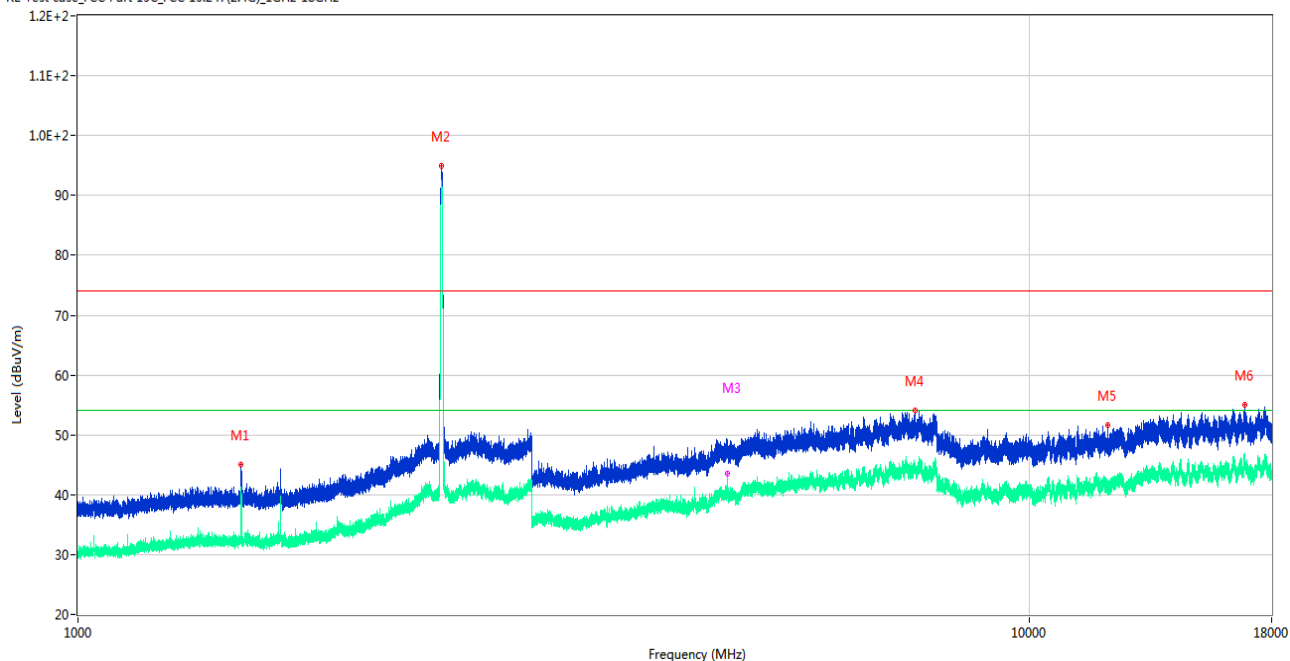
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	45.25	74.0	28.75	Peak	224.00	200	Horizontal	Pass
1**	1484.800	40.76	54.0	13.24	AV	224.00	200	Horizontal	Pass
2	2413.000	106.71	--	--	Peak	144.00	100	Horizontal	N/A
2**	2413.000	103.93	--	--	AV	144.00	100	Horizontal	N/A
3	4823.750	53.92	74.0	20.08	Peak	188.00	200	Horizontal	Pass
3**	4823.750	49.23	54.0	4.77	AV	188.00	200	Horizontal	Pass
4	4824.000	53.18	74.0	20.82	Peak	188.00	100	Horizontal	Pass
4**	4824.000	50.74	54.0	3.26	AV	188.00	100	Horizontal	Pass
5	7957.500	54.09	74.0	19.91	Peak	123.00	100	Horizontal	Pass
5**	7957.500	44.66	54.0	9.34	AV	123.00	100	Horizontal	Pass
6	13709.700	54.36	74.0	19.64	Peak	17.00	100	Horizontal	Pass
6**	13709.700	44.28	54.0	9.72	AV	17.00	100	Horizontal	Pass

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

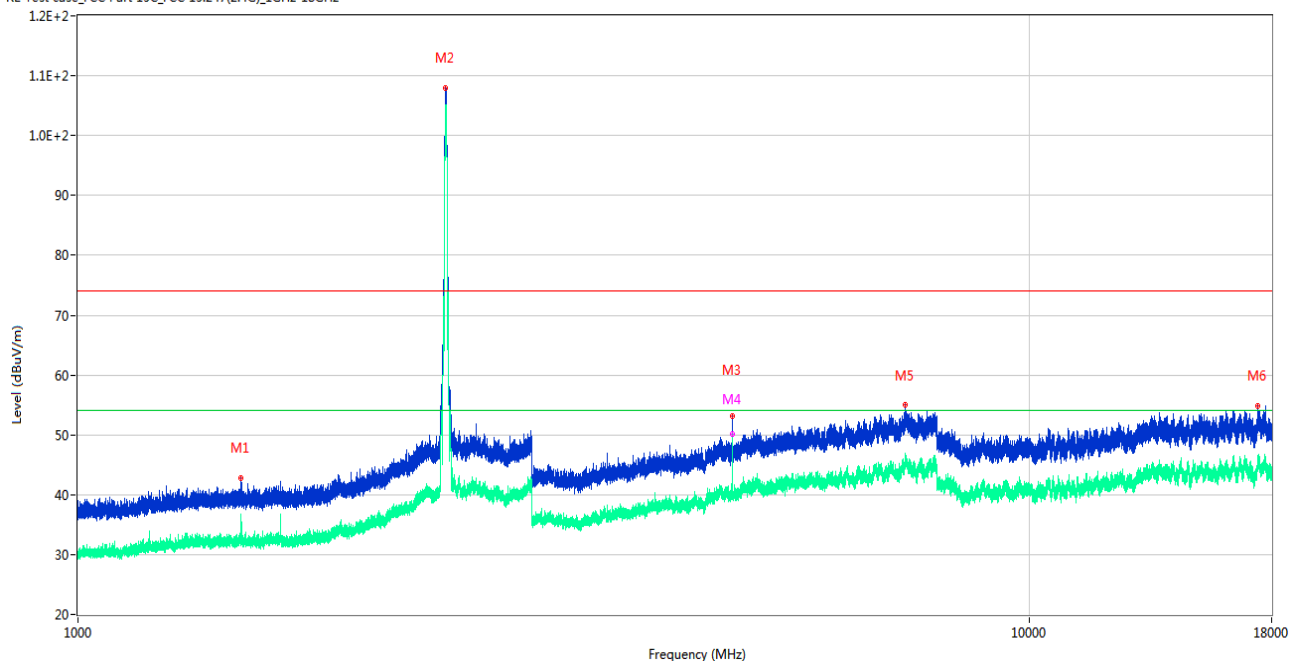
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	44.96	74.0	29.04	Peak	360.00	300	Vertical	Pass
1**	1484.800	40.50	54.0	13.50	AV	360.00	300	Vertical	Pass
2	2410.800	94.94	--	--	Peak	228.00	100	Vertical	N/A
2**	2410.800	92.04	--	--	AV	228.00	100	Vertical	N/A
3	4823.750	47.81	74.0	26.19	Peak	232.00	100	Vertical	Pass
3**	4823.750	43.63	54.0	10.37	AV	232.00	100	Vertical	Pass
4	7584.750	54.01	74.0	19.99	Peak	298.00	400	Vertical	Pass
4**	7584.750	44.40	54.0	9.60	AV	298.00	400	Vertical	Pass
5	12090.463	51.56	74.0	22.44	Peak	191.00	400	Vertical	Pass
5**	12090.463	41.30	54.0	12.70	AV	191.00	400	Vertical	Pass
6	16880.963	54.98	74.0	19.02	Peak	339.00	100	Vertical	Pass
6**	16880.963	46.06	54.0	7.94	AV	339.00	100	Vertical	Pass

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

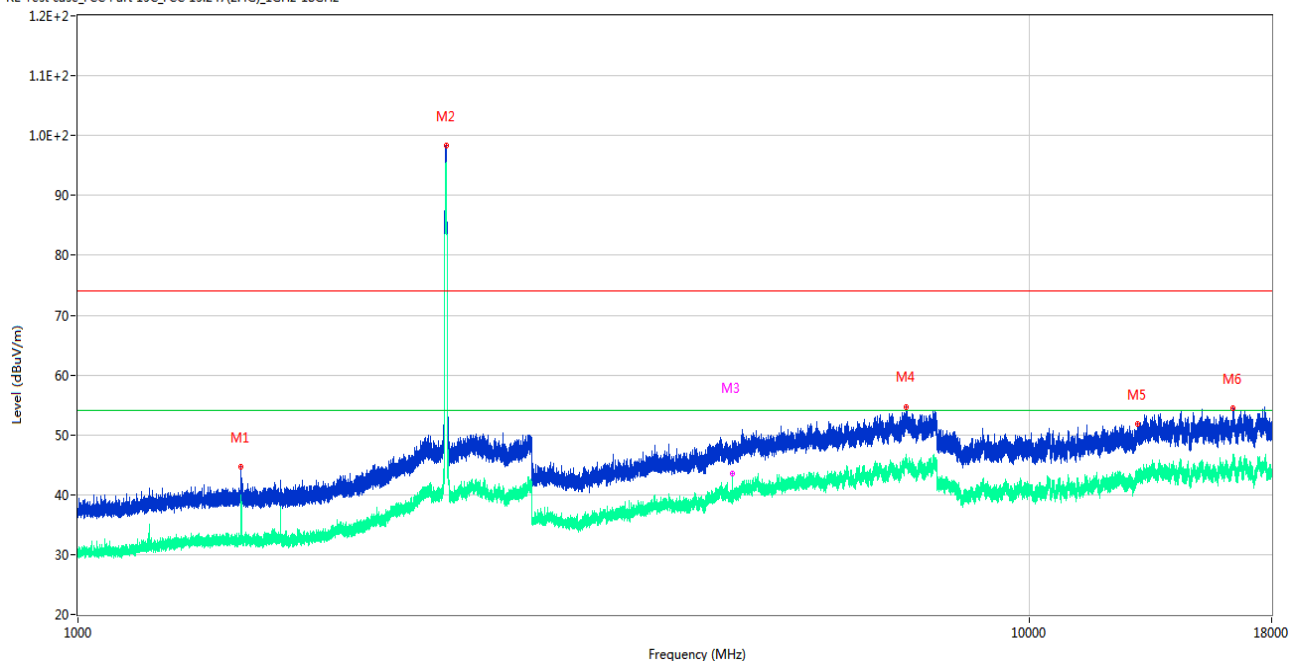
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	42.84	74.0	31.16	Peak	185.00	100	Horizontal	Pass
1**	1484.900	36.78	54.0	17.22	AV	185.00	100	Horizontal	Pass
2	2435.800	107.99	--	--	Peak	133.00	200	Horizontal	N/A
2**	2435.800	105.09	--	--	AV	133.00	200	Horizontal	N/A
3	4874.000	53.19	74.0	20.81	Peak	220.00	150	Horizontal	Pass
3**	4874.000	49.89	54.0	4.11	AV	220.00	150	Horizontal	Pass
4	4874.250	52.08	74.0	21.92	Peak	220.00	150	Horizontal	Pass
4**	4874.250	50.05	54.0	3.95	AV	220.00	150	Horizontal	Pass
5	7415.000	55.00	74.0	19.00	Peak	312.00	300	Horizontal	Pass
5**	7415.000	45.54	54.0	8.46	AV	312.00	300	Horizontal	Pass
6	17412.262	54.89	74.0	19.11	Peak	307.00	300	Horizontal	Pass
6**	17412.262	45.57	54.0	8.43	AV	307.00	300	Horizontal	Pass

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

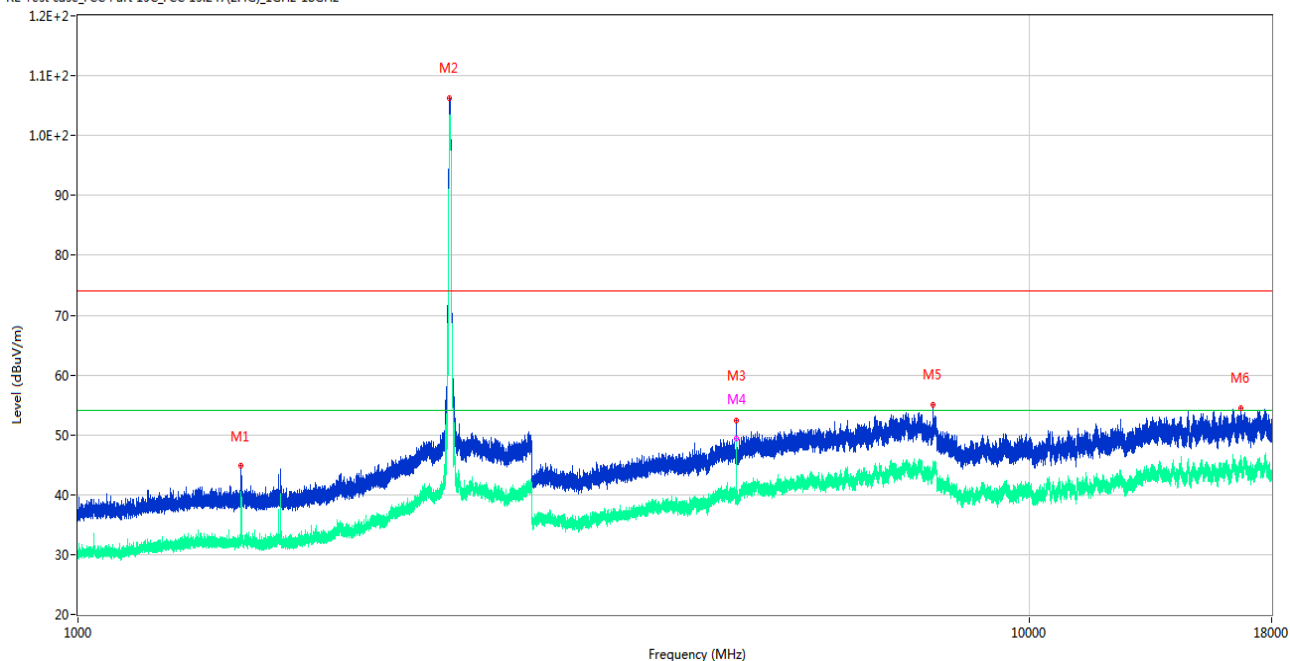
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	44.66	74.0	29.34	Peak	228.00	300	Vertical	Pass
1**	1484.600	38.53	54.0	15.47	AV	228.00	300	Vertical	Pass
2	2438.400	98.29	--	--	Peak	113.00	100	Vertical	N/A
2**	2438.400	95.46	--	--	AV	113.00	100	Vertical	N/A
3	4874.250	47.65	74.0	26.35	Peak	310.00	150	Vertical	Pass
3**	4874.250	43.45	54.0	10.55	AV	310.00	150	Vertical	Pass
4	7429.750	54.67	74.0	19.33	Peak	62.00	200	Vertical	Pass
4**	7429.750	45.70	54.0	8.30	AV	62.00	200	Vertical	Pass
5	12996.750	51.74	74.0	22.26	Peak	157.00	200	Vertical	Pass
5**	12996.750	42.79	54.0	11.21	AV	157.00	200	Vertical	Pass
6	16386.938	54.45	74.0	19.55	Peak	70.00	300	Vertical	Pass
6**	16386.938	44.48	54.0	9.52	AV	70.00	300	Vertical	Pass

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

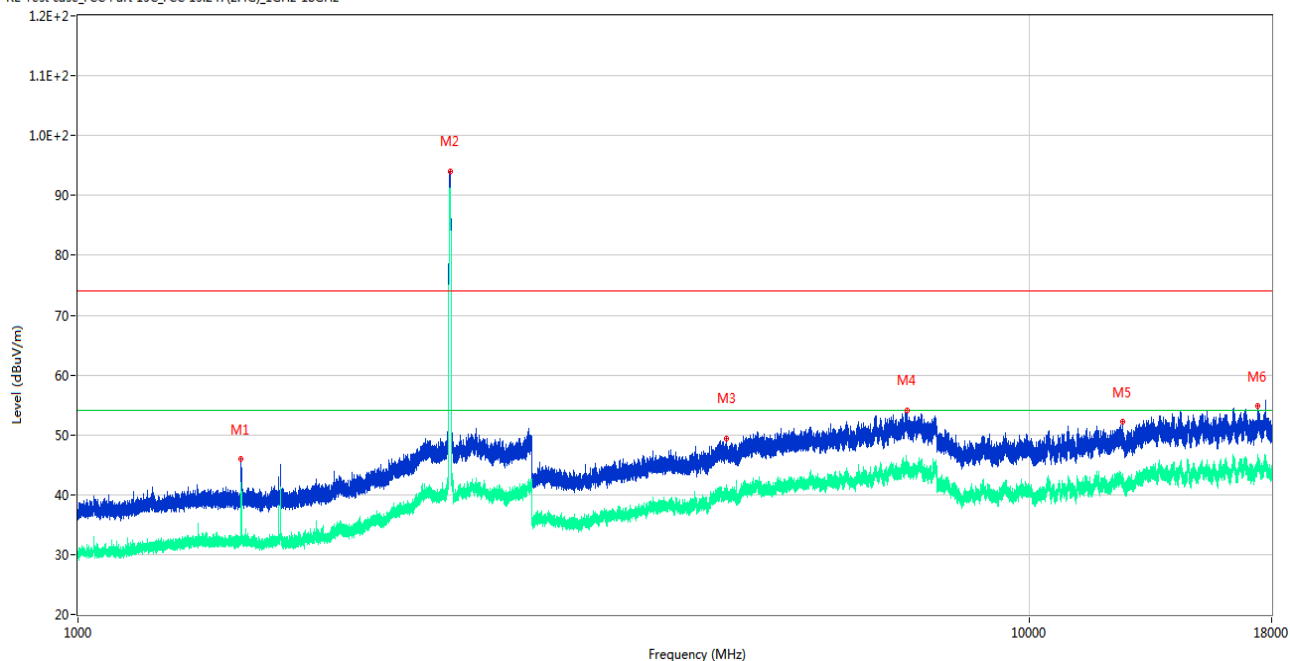
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	44.78	74.0	29.22	Peak	360.00	200	Horizontal	Pass
1**	1484.800	40.53	54.0	13.47	AV	360.00	200	Horizontal	Pass
2	2460.700	106.25	--	--	Peak	131.00	200	Horizontal	N/A
2**	2460.700	103.31	--	--	AV	131.00	200	Horizontal	N/A
3	4923.500	52.31	74.0	21.69	Peak	217.00	150	Horizontal	Pass
3**	4923.500	45.79	54.0	8.21	AV	217.00	150	Horizontal	Pass
4	4924.000	51.42	74.0	22.58	Peak	217.00	100	Horizontal	Pass
4**	4924.000	49.31	54.0	4.69	AV	217.00	100	Horizontal	Pass
5	7934.000	55.05	74.0	18.95	Peak	0.00	200	Horizontal	Pass
5**	7934.000	45.47	54.0	8.53	AV	0.00	200	Horizontal	Pass
6	16714.801	54.46	74.0	19.54	Peak	284.00	400	Horizontal	Pass
6**	16714.801	44.74	54.0	9.26	AV	284.00	400	Horizontal	Pass

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

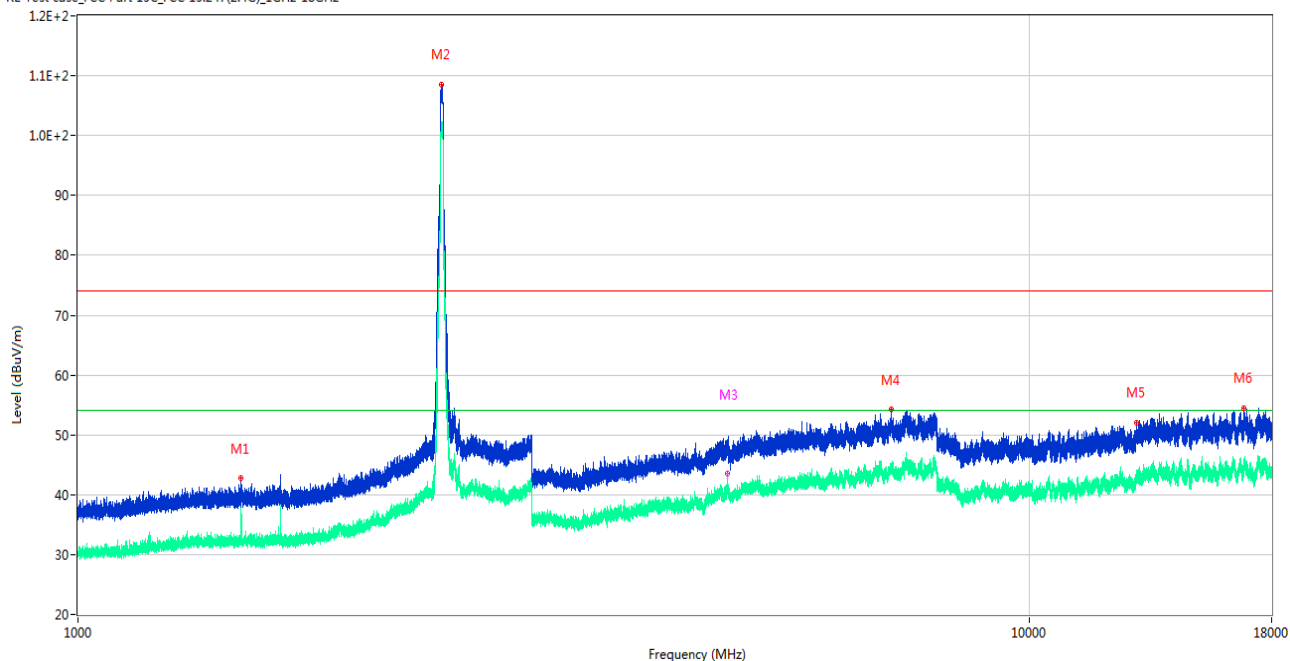
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	45.91	74.0	28.09	Peak	260.00	300	Vertical	Pass
1**	1484.700	40.94	54.0	13.06	AV	260.00	300	Vertical	Pass
2	2463.200	94.04	--	--	Peak	252.00	200	Vertical	N/A
2**	2463.200	91.18	--	--	AV	252.00	200	Vertical	N/A
3	4804.000	49.33	74.0	24.67	Peak	221.00	150	Vertical	Pass
3**	4804.000	40.21	54.0	13.79	AV	221.00	150	Vertical	Pass
4	7450.750	54.09	74.0	19.91	Peak	86.00	200	Vertical	Pass
4**	7450.750	44.11	54.0	9.89	AV	86.00	200	Vertical	Pass
5	12546.463	52.16	74.0	21.84	Peak	194.00	300	Vertical	Pass
5**	12546.463	42.38	54.0	11.62	AV	194.00	300	Vertical	Pass
6	17404.387	54.78	74.0	19.22	Peak	31.00	100	Vertical	Pass
6**	17404.387	44.82	54.0	9.18	AV	31.00	100	Vertical	Pass

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

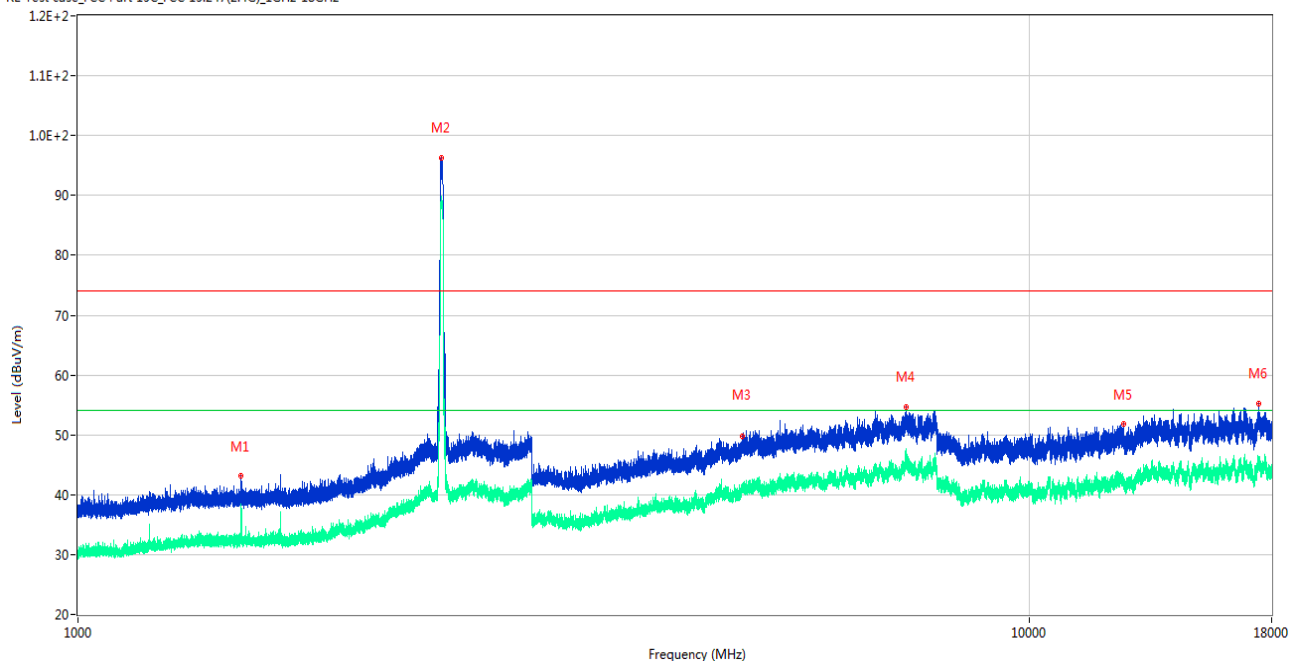
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	42.70	74.0	31.30	Peak	360.00	200	Horizontal	Pass
1**	1485.000	36.43	54.0	17.57	AV	360.00	200	Horizontal	Pass
2	2410.700	108.54	--	--	Peak	137.00	150	Horizontal	N/A
2**	2410.700	101.13	--	--	AV	137.00	150	Horizontal	N/A
3	4822.750	48.49	74.0	25.51	Peak	222.00	150	Horizontal	Pass
3**	4822.750	43.60	54.0	10.40	AV	222.00	150	Horizontal	Pass
4	7159.250	54.20	74.0	19.80	Peak	312.00	100	Horizontal	Pass
4**	7159.250	45.09	54.0	8.91	AV	312.00	100	Horizontal	Pass
5	12972.599	52.10	74.0	21.90	Peak	120.00	300	Horizontal	Pass
5**	12972.599	43.09	54.0	10.91	AV	120.00	300	Horizontal	Pass
6	16837.125	54.56	74.0	19.44	Peak	130.00	200	Horizontal	Pass
6**	16837.125	44.57	54.0	9.43	AV	130.00	200	Horizontal	Pass

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

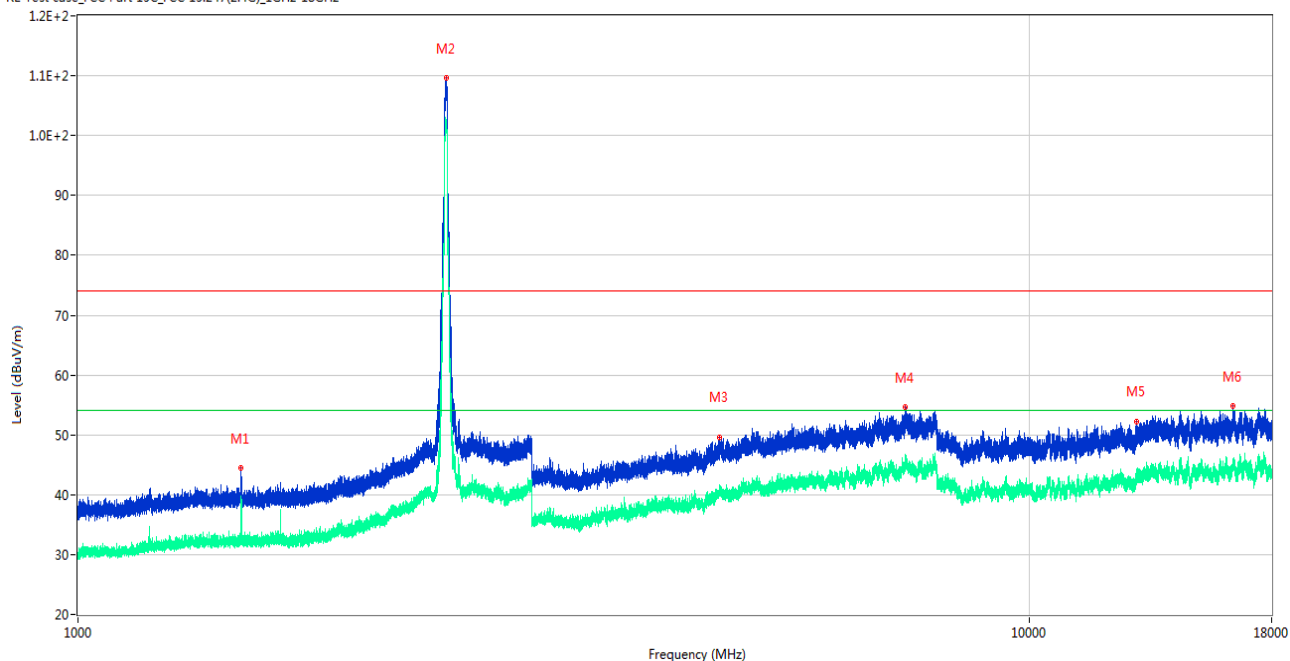
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	43.12	74.0	30.88	Peak	138.00	300	Vertical	Pass
1**	1484.700	37.71	54.0	16.29	AV	138.00	300	Vertical	Pass
2	2410.200	96.29	--	--	Peak	106.00	150	Vertical	N/A
2**	2410.200	88.77	--	--	AV	106.00	150	Vertical	N/A
3	4995.750	49.68	74.0	24.32	Peak	205.00	100	Vertical	Pass
3**	4995.750	40.94	54.0	13.06	AV	205.00	100	Vertical	Pass
4	7426.750	54.72	74.0	19.28	Peak	321.00	300	Vertical	Pass
4**	7426.750	45.46	54.0	8.54	AV	321.00	300	Vertical	Pass
5	12587.787	51.77	74.0	22.23	Peak	296.00	300	Vertical	Pass
5**	12587.787	42.10	54.0	11.90	AV	296.00	300	Vertical	Pass
6	17434.575	55.23	74.0	18.77	Peak	360.00	100	Vertical	Pass
6**	17434.575	45.52	54.0	8.48	AV	360.00	100	Vertical	Pass

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

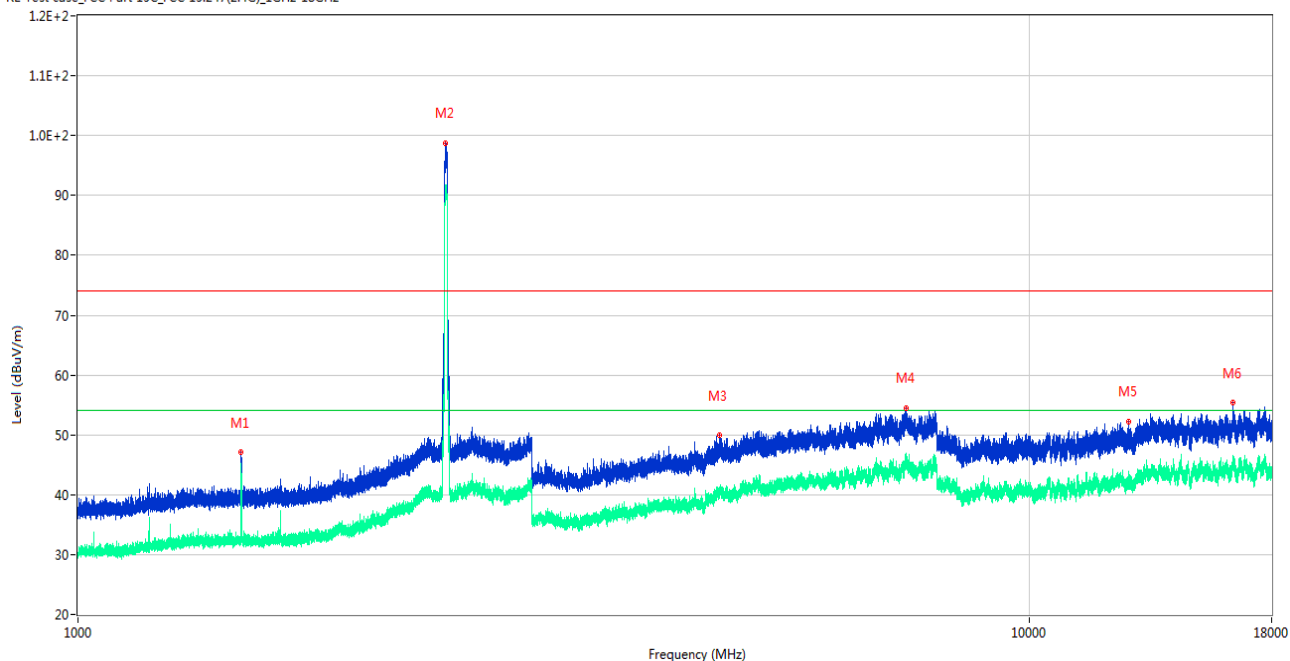
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	44.42	74.0	29.58	Peak	208.00	200	Horizontal	Pass
1**	1484.800	39.69	54.0	14.31	AV	208.00	200	Horizontal	Pass
2	2437.800	109.55	--	--	Peak	131.00	200	Horizontal	N/A
2**	2437.800	101.71	--	--	AV	131.00	200	Horizontal	N/A
3	4730.750	49.52	74.0	24.48	Peak	178.00	150	Horizontal	Pass
3**	4730.750	40.42	54.0	13.58	AV	178.00	150	Horizontal	Pass
4	7407.500	54.61	74.0	19.39	Peak	360.00	300	Horizontal	Pass
4**	7407.500	44.60	54.0	9.40	AV	360.00	300	Horizontal	Pass
5	12982.313	52.23	74.0	21.77	Peak	293.00	200	Horizontal	Pass
5**	12982.313	42.73	54.0	11.27	AV	293.00	200	Horizontal	Pass
6	16405.313	54.82	74.0	19.18	Peak	128.00	100	Horizontal	Pass
6**	16405.313	45.32	54.0	8.68	AV	128.00	100	Horizontal	Pass

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

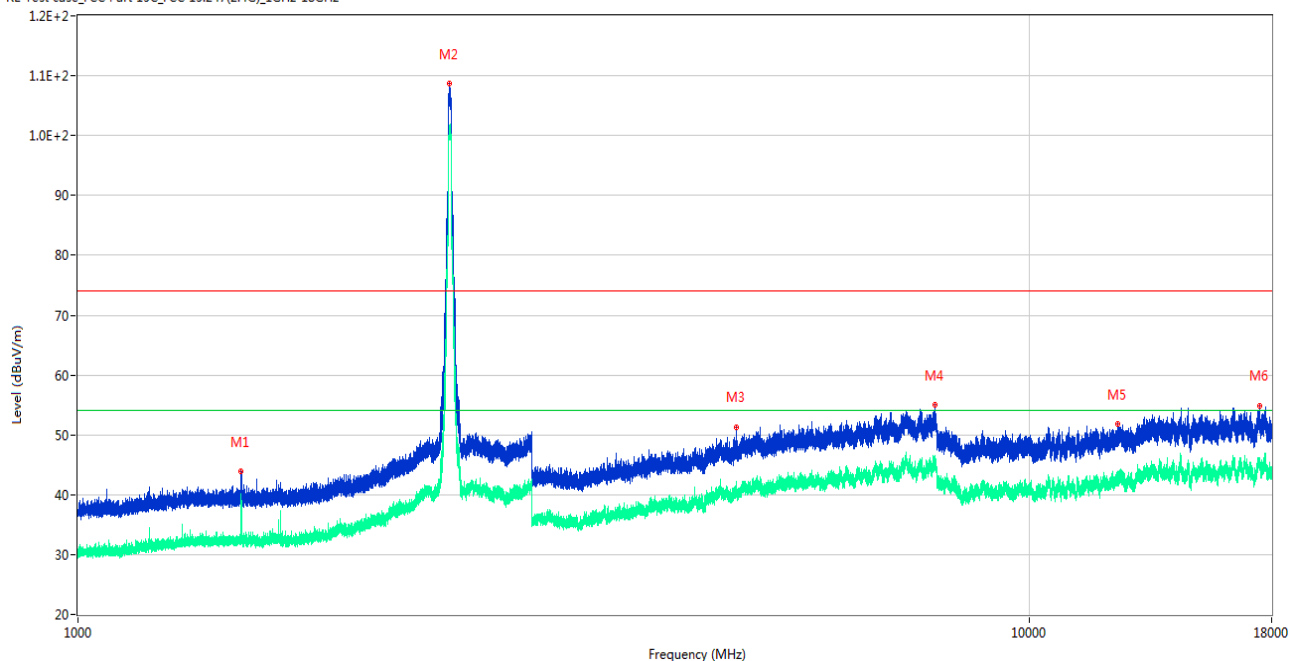
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	47.06	74.0	26.94	Peak	354.00	300	Vertical	Pass
1**	1484.900	44.15	54.0	9.85	AV	354.00	300	Vertical	Pass
2	2435.100	98.77	--	--	Peak	111.00	100	Vertical	N/A
2**	2435.100	91.33	--	--	AV	111.00	100	Vertical	N/A
3	4732.500	49.85	74.0	24.15	Peak	360.00	200	Vertical	Pass
3**	4732.500	40.49	54.0	13.51	AV	360.00	200	Vertical	Pass
4	7426.250	54.47	74.0	19.53	Peak	91.00	200	Vertical	Pass
4**	7426.250	46.54	54.0	7.46	AV	91.00	200	Vertical	Pass
5	12735.988	52.21	74.0	21.79	Peak	55.00	300	Vertical	Pass
5**	12735.988	41.66	54.0	12.34	AV	55.00	300	Vertical	Pass
6	16405.050	55.38	74.0	18.62	Peak	169.00	200	Vertical	Pass
6**	16405.050	45.09	54.0	8.91	AV	169.00	200	Vertical	Pass

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

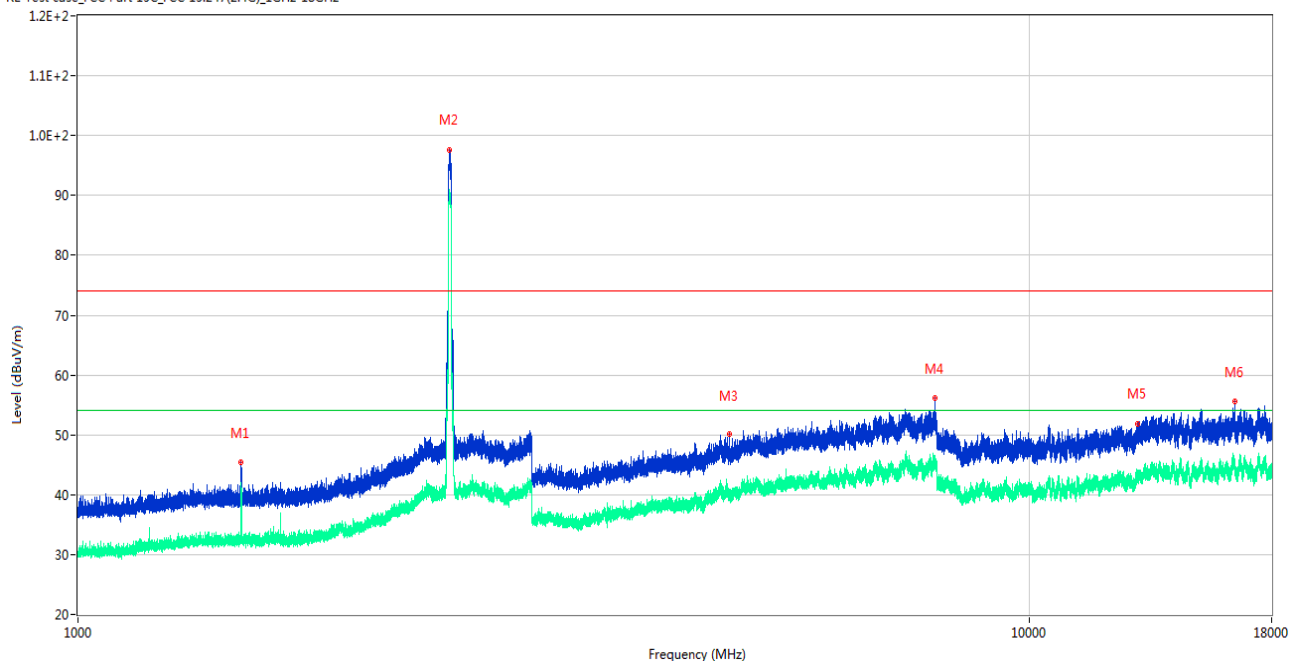
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	43.88	74.0	30.12	Peak	99.00	300	Horizontal	Pass
1**	1484.500	37.51	54.0	16.49	AV	99.00	300	Horizontal	Pass
2	2458.300	108.63	--	--	Peak	133.00	100	Horizontal	N/A
2**	2458.300	100.90	--	--	AV	133.00	100	Horizontal	N/A
3	4924.250	51.27	74.0	22.73	Peak	178.00	200	Horizontal	Pass
3**	4924.250	40.70	54.0	13.30	AV	178.00	200	Horizontal	Pass
4	7970.000	54.95	74.0	19.05	Peak	338.00	100	Horizontal	Pass
4**	7970.000	45.45	54.0	8.55	AV	338.00	100	Horizontal	Pass
5	12408.475	51.75	74.0	22.25	Peak	258.00	100	Horizontal	Pass
5**	12408.475	42.52	54.0	11.48	AV	258.00	100	Horizontal	Pass
6	17468.963	54.92	74.0	19.08	Peak	14.00	200	Horizontal	Pass
6**	17468.963	44.94	54.0	9.06	AV	14.00	200	Horizontal	Pass

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

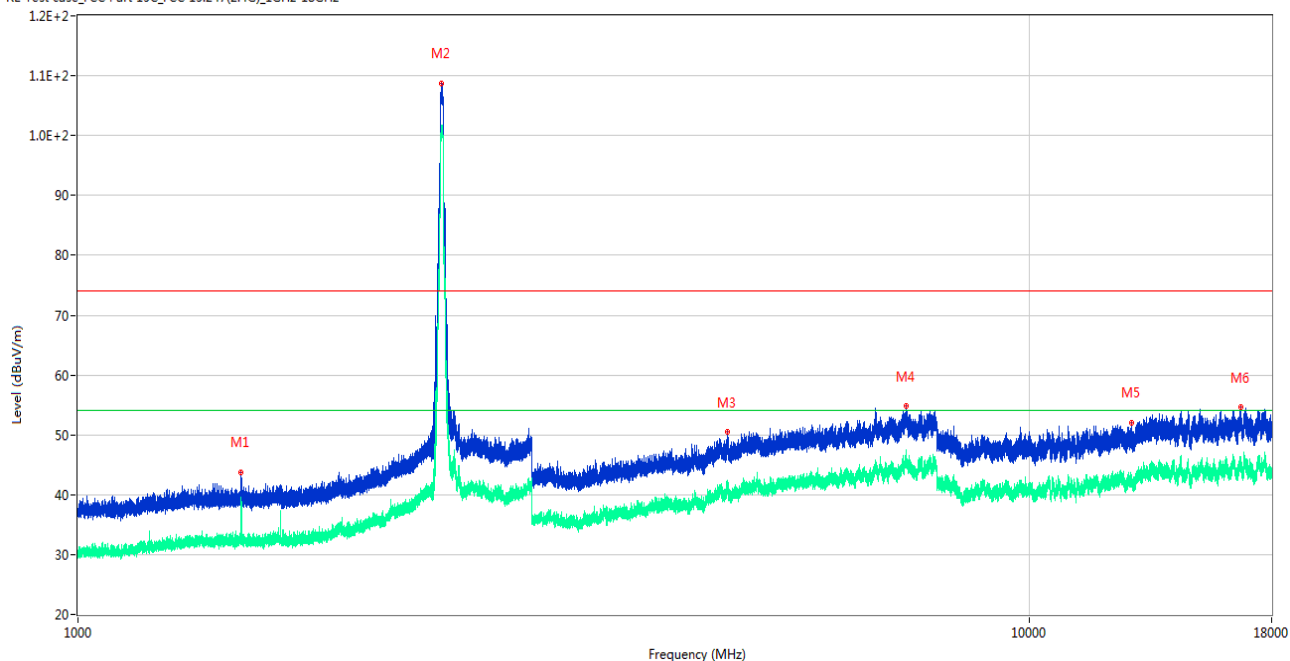
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	45.40	74.0	28.60	Peak	234.00	100	Vertical	Pass
1**	1484.900	41.36	54.0	12.64	AV	234.00	100	Vertical	Pass
2	2460.600	97.60	--	--	Peak	115.00	200	Vertical	N/A
2**	2460.600	89.85	--	--	AV	115.00	200	Vertical	N/A
3	4846.500	50.20	74.0	23.80	Peak	160.00	150	Vertical	Pass
3**	4846.500	39.18	54.0	14.82	AV	160.00	150	Vertical	Pass
4	7967.000	56.09	74.0	17.91	Peak	1.00	100	Vertical	Pass
4**	7967.000	46.15	54.0	7.85	AV	1.00	100	Vertical	Pass
5	12995.438	51.88	74.0	22.12	Peak	113.00	100	Vertical	Pass
5**	12995.438	42.76	54.0	11.24	AV	113.00	100	Vertical	Pass
6	16448.625	55.53	74.0	18.47	Peak	291.00	300	Vertical	Pass
6**	16448.625	46.07	54.0	7.93	AV	291.00	300	Vertical	Pass

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

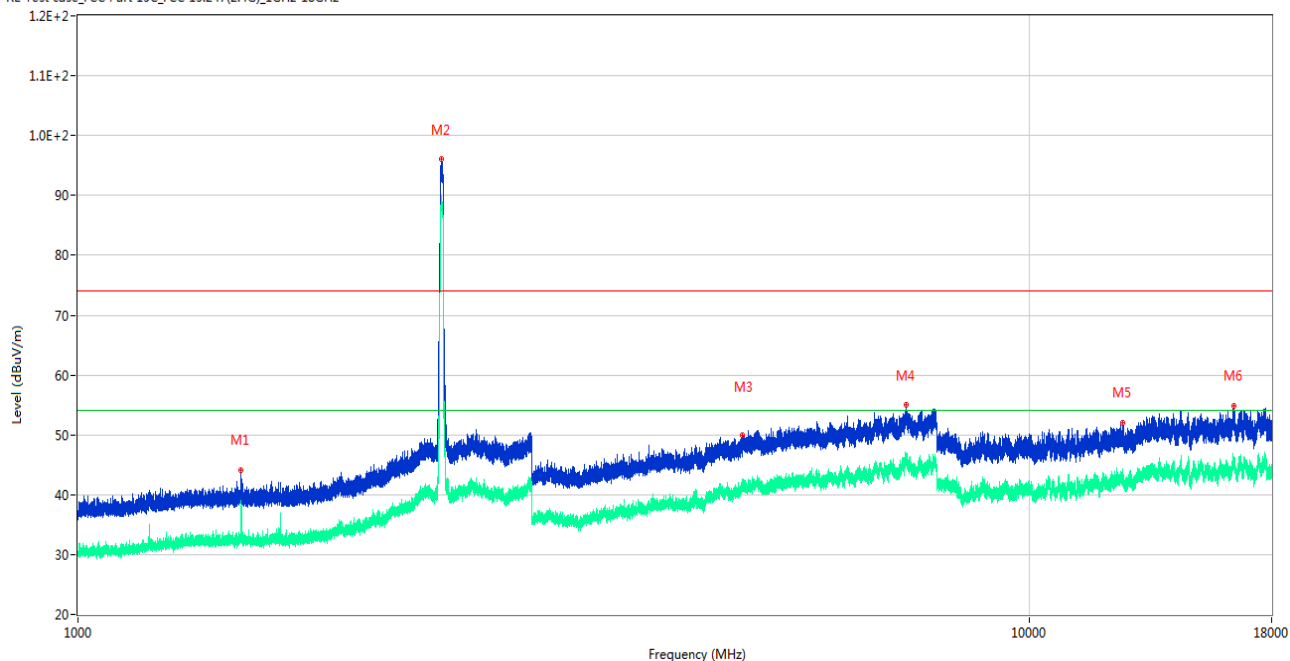
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	43.78	74.0	30.22	Peak	6.00	100	Horizontal	Pass
1**	1485.000	38.73	54.0	15.27	AV	6.00	100	Horizontal	Pass
2	2411.800	108.75	--	--	Peak	149.00	100	Horizontal	N/A
2**	2411.800	99.69	--	--	AV	149.00	100	Horizontal	N/A
3	4822.250	50.44	74.0	23.56	Peak	205.00	200	Horizontal	Pass
3**	4822.250	40.88	54.0	13.12	AV	205.00	200	Horizontal	Pass
4	7428.250	54.78	74.0	19.22	Peak	72.00	200	Horizontal	Pass
4**	7428.250	45.90	54.0	8.10	AV	72.00	200	Horizontal	Pass
5	12810.900	52.10	74.0	21.90	Peak	94.00	100	Horizontal	Pass
5**	12810.900	42.33	54.0	11.67	AV	94.00	100	Horizontal	Pass
6	16699.574	54.60	74.0	19.40	Peak	225.00	200	Horizontal	Pass
6**	16699.574	45.27	54.0	8.73	AV	225.00	200	Horizontal	Pass

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

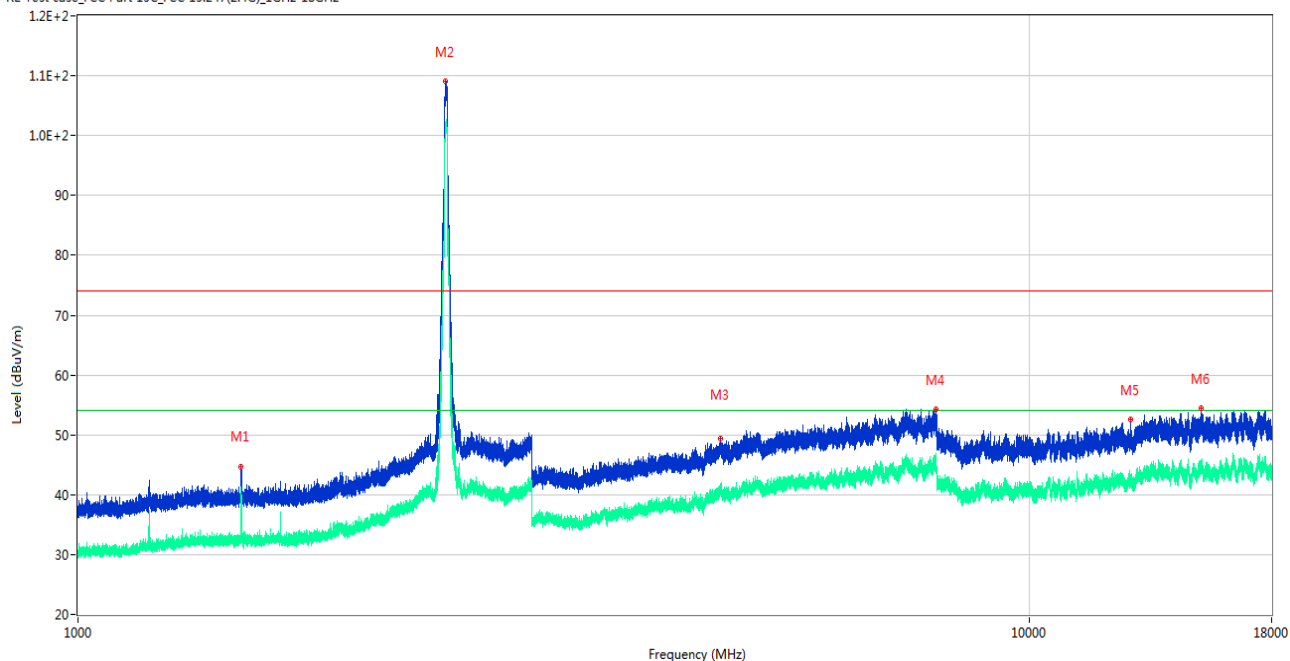
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	44.16	74.0	29.84	Peak	0.00	400	Vertical	Pass
1**	1484.600	38.46	54.0	15.54	AV	0.00	400	Vertical	Pass
2	2411.000	96.07	--	--	Peak	113.00	100	Vertical	N/A
2**	2411.000	88.96	--	--	AV	113.00	100	Vertical	N/A
3	4997.500	49.86	74.0	24.14	Peak	323.00	200	Vertical	Pass
3**	4997.500	40.94	54.0	13.06	AV	323.00	200	Vertical	Pass
4	7422.500	54.95	74.0	19.05	Peak	345.00	400	Vertical	Pass
4**	7422.500	46.23	54.0	7.77	AV	345.00	400	Vertical	Pass
5	12543.375	52.03	74.0	21.97	Peak	292.00	400	Vertical	Pass
5**	12543.375	44.31	54.0	9.69	AV	292.00	400	Vertical	Pass
6	16429.725	54.83	74.0	19.17	Peak	356.00	400	Vertical	Pass
6**	16429.725	44.77	54.0	9.23	AV	356.00	400	Vertical	Pass

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

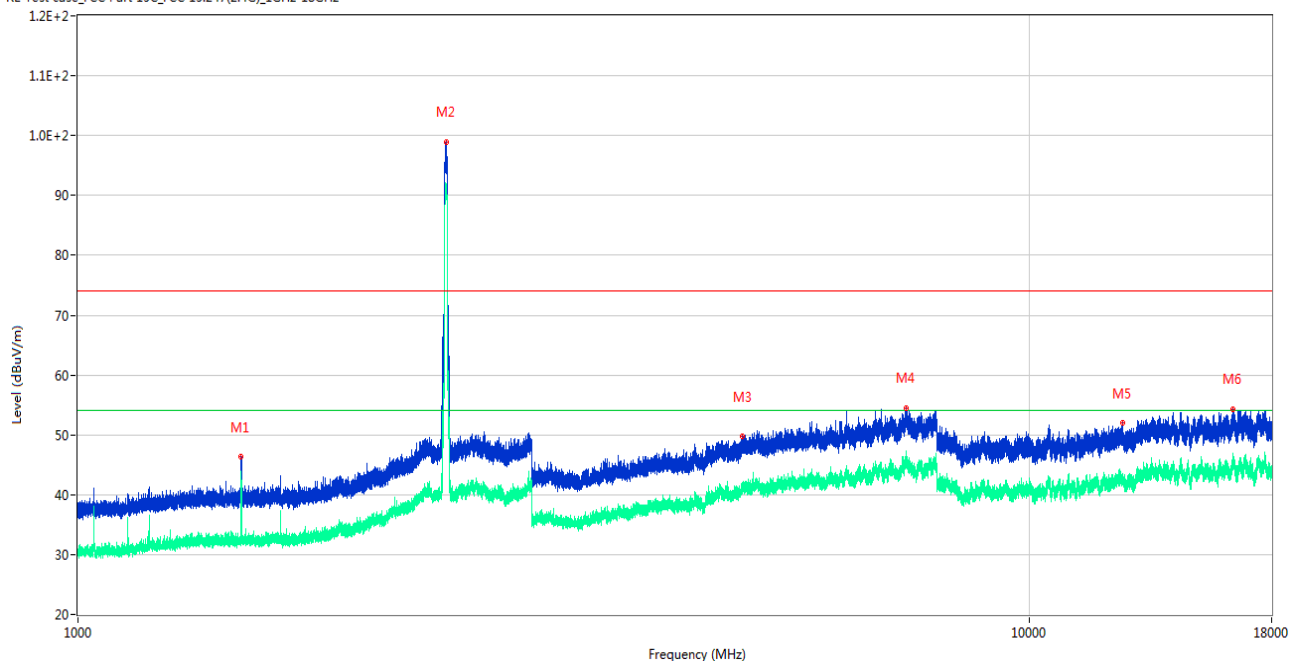
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	44.75	74.0	29.25	Peak	194.00	200	Horizontal	Pass
1**	1484.900	41.34	54.0	12.66	AV	194.00	200	Horizontal	Pass
2	2435.900	109.03	--	--	Peak	130.00	200	Horizontal	N/A
2**	2435.900	102.12	--	--	AV	130.00	200	Horizontal	N/A
3	4742.500	49.38	74.0	24.62	Peak	289.00	100	Horizontal	Pass
3**	4742.500	40.33	54.0	13.67	AV	289.00	100	Horizontal	Pass
4	7992.000	54.22	74.0	19.78	Peak	177.00	300	Horizontal	Pass
4**	7992.000	44.97	54.0	9.03	AV	177.00	300	Horizontal	Pass
5	12788.588	52.51	74.0	21.49	Peak	176.00	200	Horizontal	Pass
5**	12788.588	41.67	54.0	12.33	AV	176.00	200	Horizontal	Pass
6	15165.525	54.38	74.0	19.62	Peak	306.00	100	Horizontal	Pass
6**	15165.525	44.23	54.0	9.77	AV	306.00	100	Horizontal	Pass

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

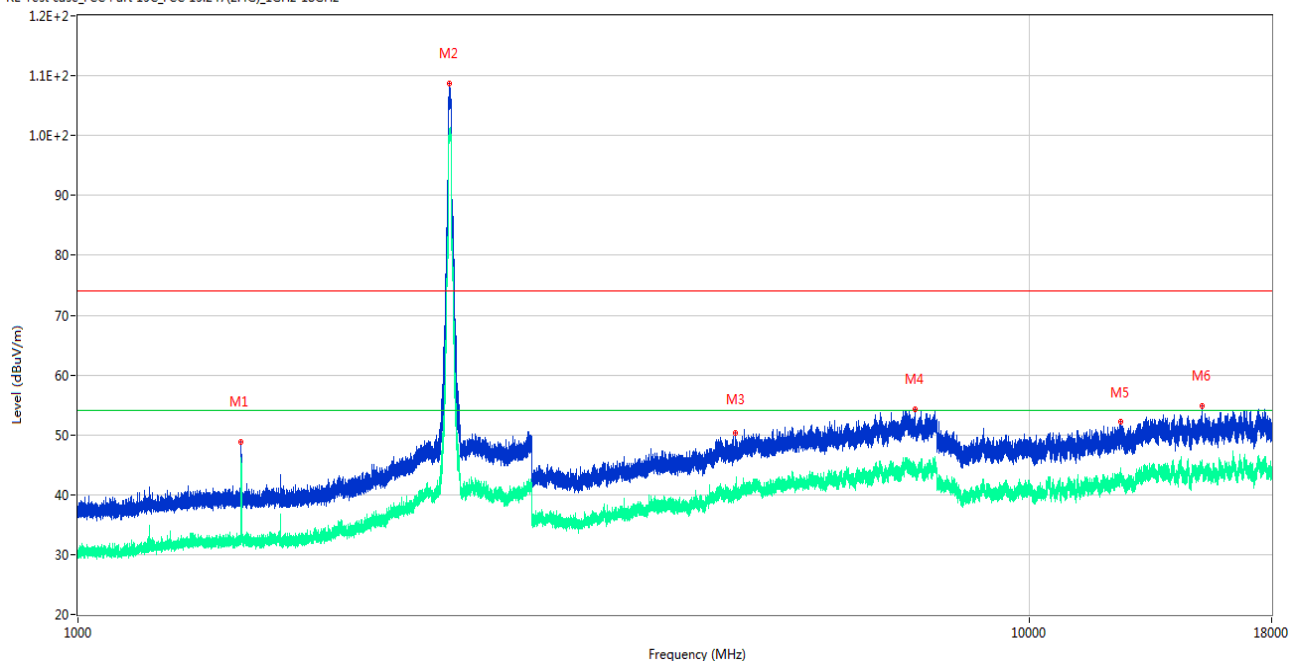
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	46.35	74.0	27.65	Peak	99.00	100	Vertical	Pass
1**	1484.800	43.18	54.0	10.82	AV	99.00	100	Vertical	Pass
2	2438.300	98.90	--	--	Peak	109.00	200	Vertical	N/A
2**	2438.300	91.85	--	--	AV	109.00	200	Vertical	N/A
3	4999.750	49.69	74.0	24.31	Peak	360.00	150	Vertical	Pass
3**	4999.750	41.10	54.0	12.90	AV	360.00	150	Vertical	Pass
4	7426.750	54.49	74.0	19.51	Peak	198.00	100	Vertical	Pass
4**	7426.750	45.76	54.0	8.24	AV	198.00	100	Vertical	Pass
5	12540.049	51.99	74.0	22.01	Peak	82.00	400	Vertical	Pass
5**	12540.049	42.79	54.0	11.21	AV	82.00	400	Vertical	Pass
6	16400.850	54.29	74.0	19.71	Peak	268.00	200	Vertical	Pass
6**	16400.850	46.85	54.0	7.15	AV	268.00	200	Vertical	Pass

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

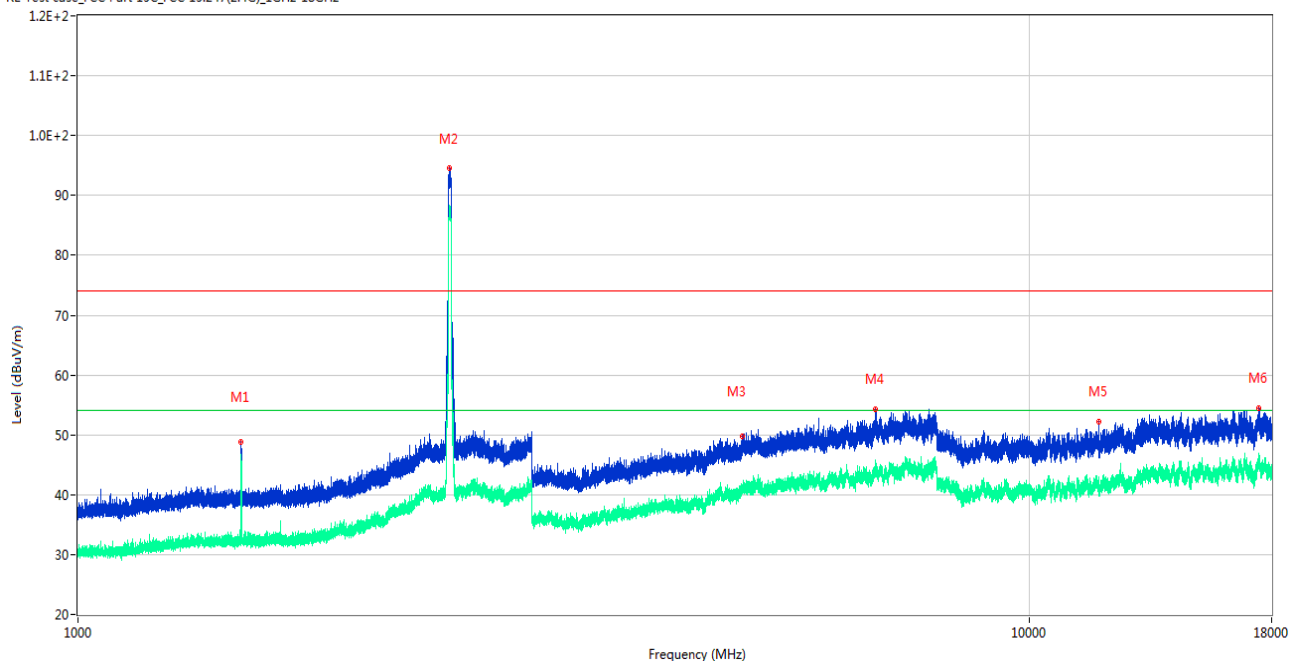
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	48.81	74.0	25.19	Peak	24.00	200	Horizontal	Pass
1**	1484.700	45.49	54.0	8.51	AV	24.00	200	Horizontal	Pass
2	2460.800	108.74	--	--	Peak	142.00	200	Horizontal	N/A
2**	2460.800	100.69	--	--	AV	142.00	200	Horizontal	N/A
3	4917.000	50.23	74.0	23.77	Peak	338.00	200	Horizontal	Pass
3**	4917.000	41.52	54.0	12.48	AV	338.00	200	Horizontal	Pass
4	7589.000	54.29	74.0	19.71	Peak	19.00	200	Horizontal	Pass
4**	7589.000	43.72	54.0	10.28	AV	19.00	200	Horizontal	Pass
5	12474.500	52.16	74.0	21.84	Peak	24.00	100	Horizontal	Pass
5**	12474.500	42.18	54.0	11.82	AV	24.00	100	Horizontal	Pass
6	15215.925	54.90	74.0	19.10	Peak	280.00	100	Horizontal	Pass
6**	15215.925	44.49	54.0	9.51	AV	280.00	100	Horizontal	Pass

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

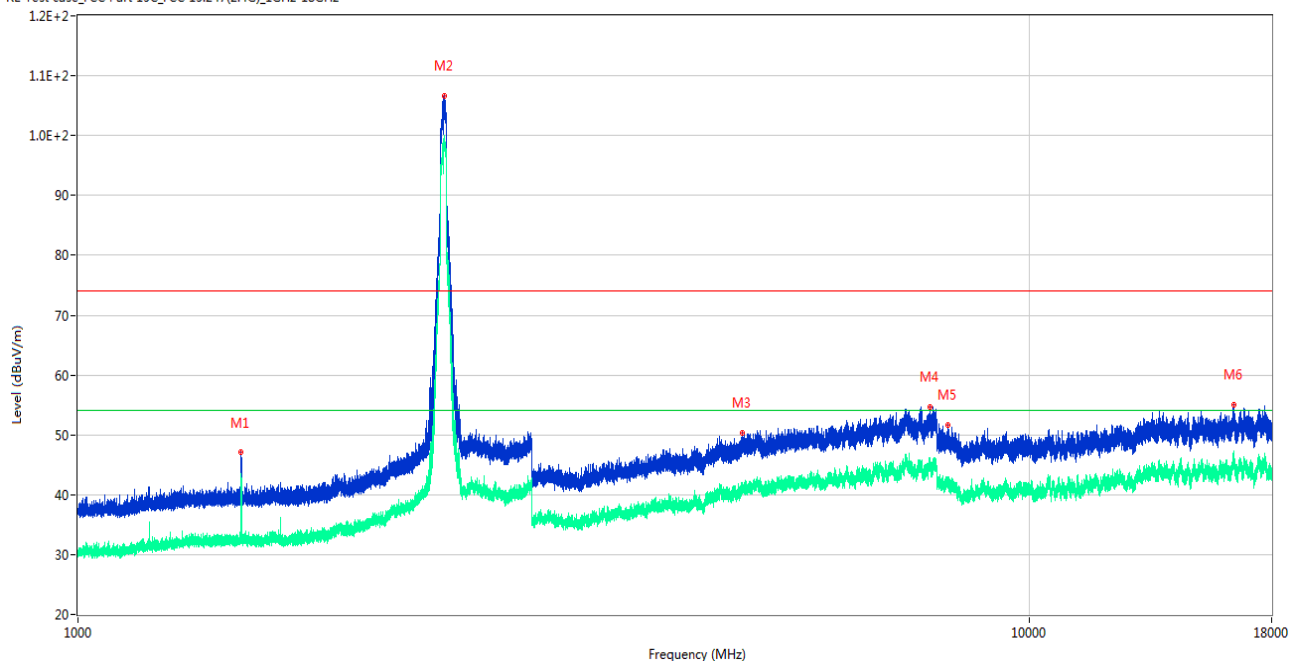
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	48.76	74.0	25.24	Peak	0.00	400	Vertical	Pass
1**	1484.800	43.18	54.0	10.82	AV	0.00	400	Vertical	Pass
2	2460.700	94.56	--	--	Peak	101.00	100	Vertical	N/A
2**	2460.700	87.20	--	--	AV	101.00	100	Vertical	N/A
3	4993.500	49.82	74.0	24.18	Peak	345.00	200	Vertical	Pass
3**	4993.500	40.95	54.0	13.05	AV	345.00	200	Vertical	Pass
4	6890.500	54.27	74.0	19.73	Peak	253.00	300	Vertical	Pass
4**	6890.500	44.59	54.0	9.41	AV	253.00	300	Vertical	Pass
5	11832.300	52.25	74.0	21.75	Peak	105.00	400	Vertical	Pass
5**	11832.300	40.88	54.0	13.12	AV	105.00	400	Vertical	Pass
6	17450.324	54.48	74.0	19.52	Peak	64.00	100	Vertical	Pass
6**	17450.324	45.99	54.0	8.01	AV	64.00	100	Vertical	Pass

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

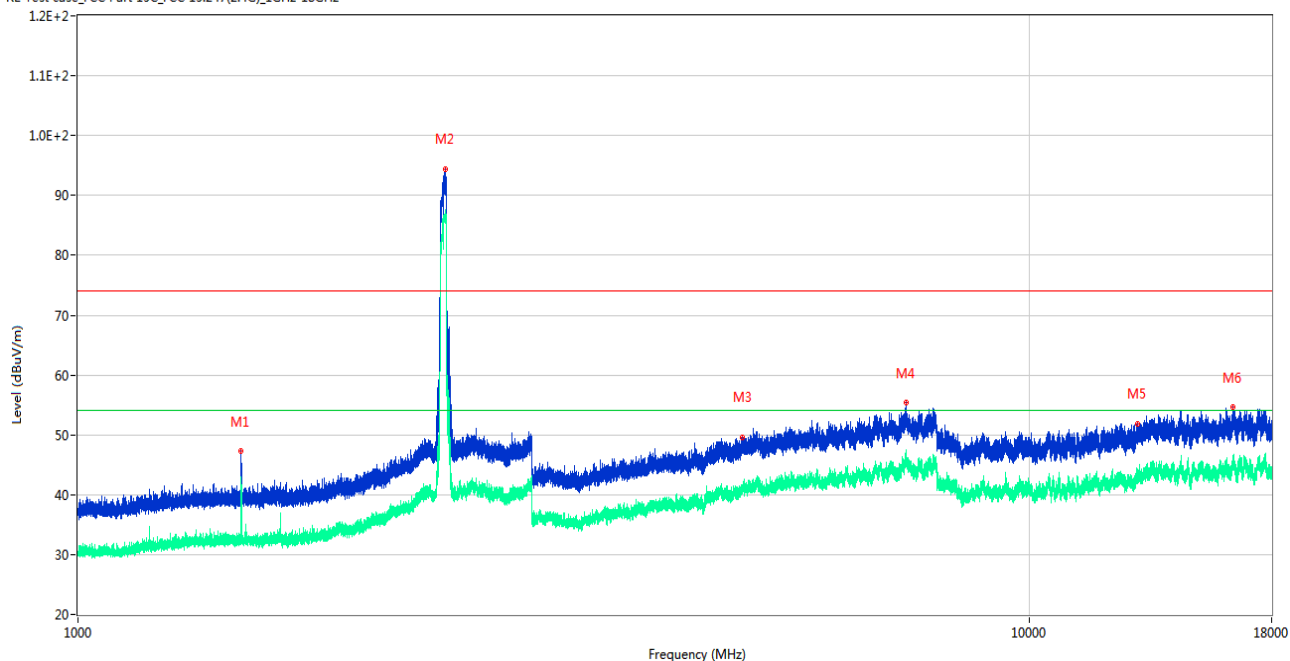
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	47.04	74.0	26.96	Peak	191.00	400	Horizontal	Pass
1**	1484.900	43.63	54.0	10.37	AV	191.00	400	Horizontal	Pass
2	2426.900	106.71	--	--	Peak	125.00	200	Horizontal	N/A
2**	2426.900	98.84	--	--	AV	125.00	200	Horizontal	N/A
3	4995.000	50.39	74.0	23.61	Peak	18.00	100	Horizontal	Pass
3**	4995.000	40.86	54.0	13.14	AV	18.00	100	Horizontal	Pass
4	7877.750	54.71	74.0	19.29	Peak	317.00	200	Horizontal	Pass
4**	7877.750	44.37	54.0	9.63	AV	317.00	200	Horizontal	Pass
5	8211.850	51.69	74.0	22.31	Peak	360.00	400	Horizontal	Pass
5**	8211.850	41.98	54.0	12.02	AV	360.00	400	Horizontal	Pass
6	16429.988	55.05	74.0	18.95	Peak	0.00	400	Horizontal	Pass
6**	16429.988	45.30	54.0	8.70	AV	0.00	400	Horizontal	Pass

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

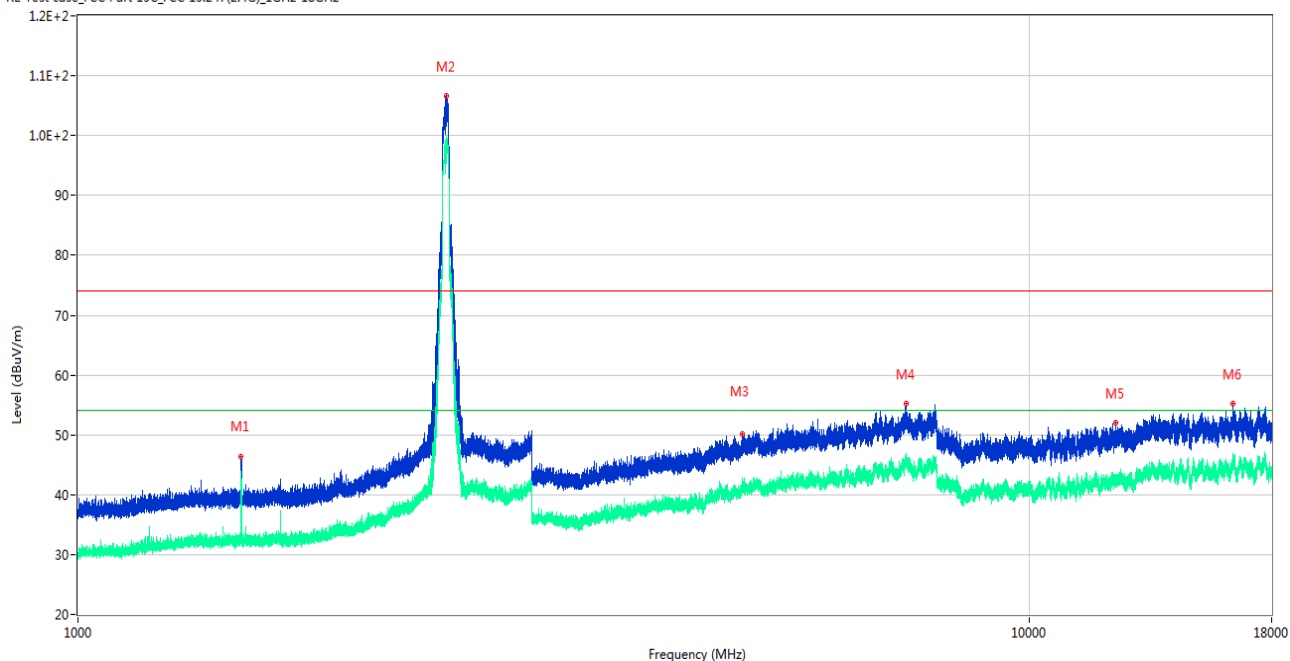
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	47.25	74.0	26.75	Peak	290.00	100	Vertical	Pass
1**	1484.800	41.52	54.0	12.48	AV	290.00	100	Vertical	Pass
2	2434.400	94.41	--	--	Peak	109.00	100	Vertical	N/A
2**	2434.400	87.02	--	--	AV	109.00	100	Vertical	N/A
3	4994.500	49.48	74.0	24.52	Peak	360.00	200	Vertical	Pass
3**	4994.500	40.94	54.0	13.06	AV	360.00	200	Vertical	Pass
4	7423.000	55.32	74.0	18.68	Peak	133.00	100	Vertical	Pass
4**	7423.000	46.25	54.0	7.75	AV	133.00	100	Vertical	Pass
5	12998.325	51.92	74.0	22.08	Peak	152.00	100	Vertical	Pass
5**	12998.325	43.40	54.0	10.60	AV	152.00	100	Vertical	Pass
6	16392.713	54.62	74.0	19.38	Peak	82.00	200	Vertical	Pass
6**	16392.713	45.75	54.0	8.25	AV	82.00	200	Vertical	Pass

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

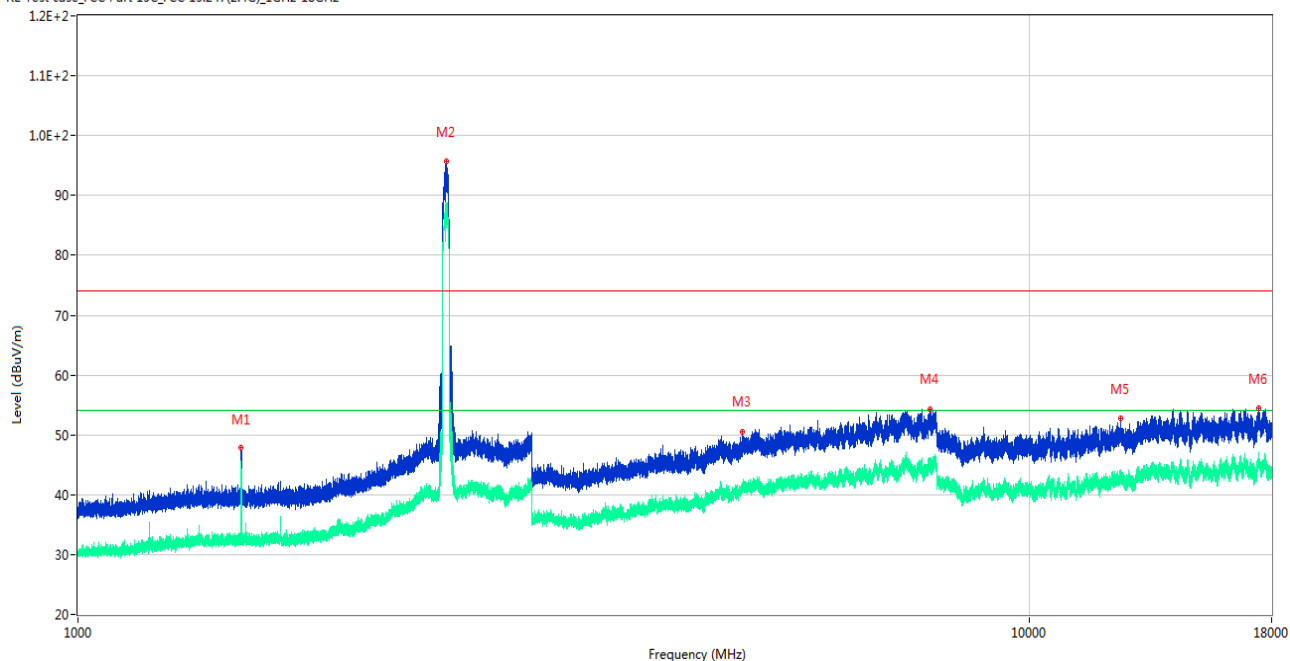
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	46.40	74.0	27.60	Peak	290.00	200	Horizontal	Pass
1**	1484.800	44.01	54.0	9.99	AV	290.00	200	Horizontal	Pass
2	2441.600	106.57	--	--	Peak	140.00	150	Horizontal	N/A
2**	2441.600	98.88	--	--	AV	140.00	150	Horizontal	N/A
3	4999.500	50.12	74.0	23.88	Peak	360.00	200	Horizontal	Pass
3**	4999.500	41.95	54.0	12.05	AV	360.00	200	Horizontal	Pass
4	7430.500	55.16	74.0	18.84	Peak	152.00	100	Horizontal	Pass
4**	7430.500	45.92	54.0	8.08	AV	152.00	100	Horizontal	Pass
5	12346.488	51.93	74.0	22.07	Peak	332.00	400	Horizontal	Pass
5**	12346.488	42.79	54.0	11.21	AV	332.00	400	Horizontal	Pass
6	16401.636	55.16	74.0	18.84	Peak	227.00	300	Horizontal	Pass
6**	16401.636	45.65	54.0	8.35	AV	227.00	300	Horizontal	Pass

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

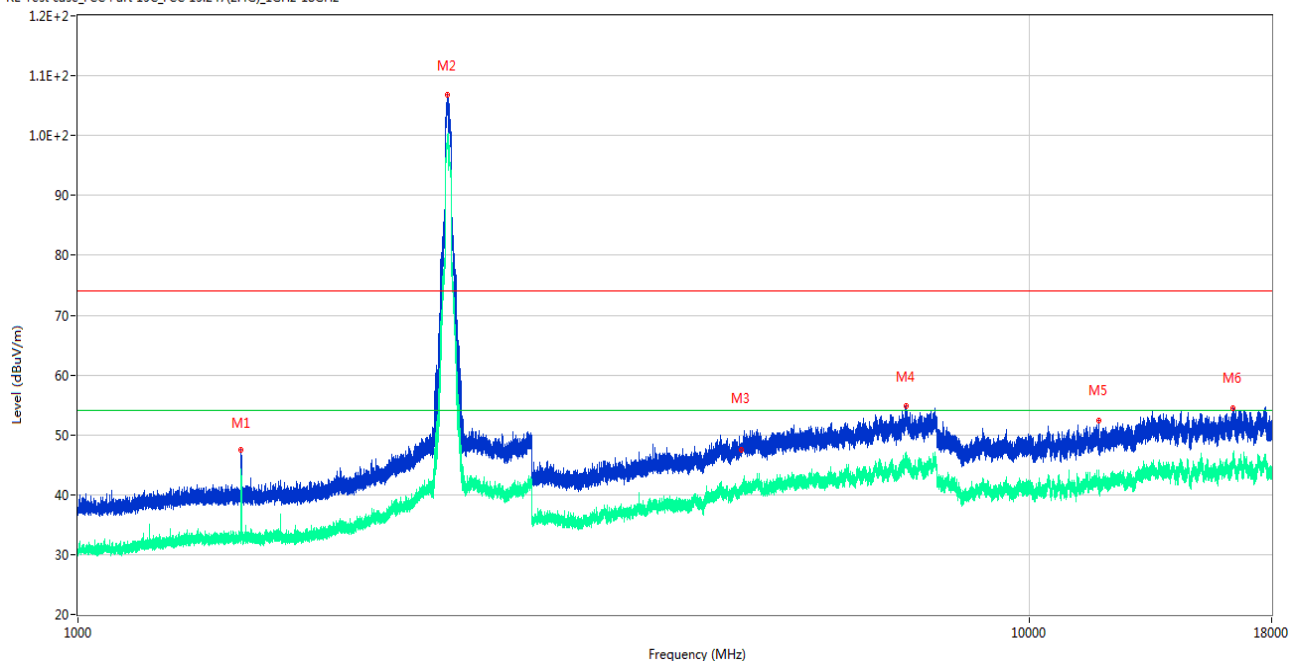
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	47.82	74.0	26.18	Peak	152.00	200	Vertical	Pass
1**	1484.700	44.63	54.0	9.37	AV	152.00	200	Vertical	Pass
2	2441.400	95.66	--	--	Peak	111.00	150	Vertical	N/A
2**	2441.400	87.84	--	--	AV	111.00	150	Vertical	N/A
3	4993.250	50.60	74.0	23.40	Peak	86.00	100	Vertical	Pass
3**	4993.250	41.39	54.0	12.61	AV	86.00	100	Vertical	Pass
4	7879.250	54.34	74.0	19.66	Peak	360.00	300	Vertical	Pass
4**	7879.250	45.09	54.0	8.91	AV	360.00	300	Vertical	Pass
5	12479.725	52.75	74.0	21.25	Peak	155.00	300	Vertical	Pass
5**	12479.725	42.77	54.0	11.23	AV	155.00	300	Vertical	Pass
6	17455.051	54.45	74.0	19.55	Peak	246.00	300	Vertical	Pass
6**	17455.051	45.55	54.0	8.45	AV	246.00	300	Vertical	Pass

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

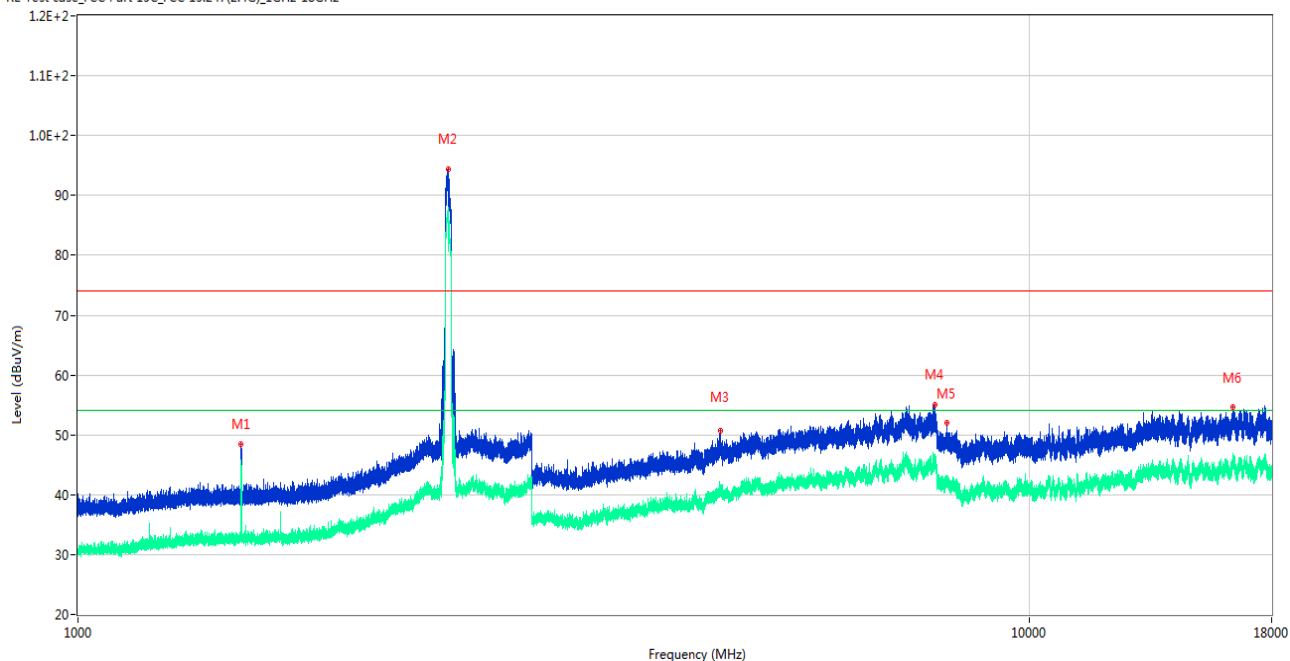
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	47.58	74.0	26.42	Peak	358.00	100	Horizontal	Pass
1**	1484.700	43.32	54.0	10.68	AV	358.00	100	Horizontal	Pass
2	2448.200	106.79	--	--	Peak	145.00	100	Horizontal	N/A
2**	2448.200	99.07	--	--	AV	145.00	100	Horizontal	N/A
3	4980.500	49.95	74.0	24.05	Peak	360.00	100	Horizontal	Pass
3**	4980.500	40.14	54.0	13.86	AV	360.00	100	Horizontal	Pass
4	7425.250	54.81	74.0	19.19	Peak	312.00	200	Horizontal	Pass
4**	7425.250	46.20	54.0	7.80	AV	312.00	200	Horizontal	Pass
5	11839.901	52.42	74.0	21.58	Peak	342.00	100	Horizontal	Pass
5**	11839.901	41.32	54.0	12.68	AV	342.00	100	Horizontal	Pass
6	16404.525	54.47	74.0	19.53	Peak	123.00	400	Horizontal	Pass
6**	16404.525	46.21	54.0	7.79	AV	123.00	400	Horizontal	Pass

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

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



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	48.41	74.0	25.59	Peak	194.00	400	Vertical	Pass
1**	1484.800	45.32	54.0	8.68	AV	194.00	400	Vertical	Pass
2	2449.300	94.41	--	--	Peak	206.00	100	Vertical	N/A
2**	2449.300	87.96	--	--	AV	206.00	100	Vertical	N/A
3	4739.000	50.62	74.0	23.38	Peak	109.00	150	Vertical	Pass
3**	4739.000	40.84	54.0	13.16	AV	109.00	150	Vertical	Pass
4	7964.000	55.11	74.0	18.89	Peak	179.00	200	Vertical	Pass
4**	7964.000	45.83	54.0	8.17	AV	179.00	200	Vertical	Pass
5	8204.250	51.94	74.0	22.06	Peak	198.00	200	Vertical	Pass
5**	8204.250	42.56	54.0	11.44	AV	198.00	200	Vertical	Pass
6	16403.213	54.59	74.0	19.41	Peak	294.00	100	Vertical	Pass
6**	16403.213	45.66	54.0	8.34	AV	294.00	100	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.

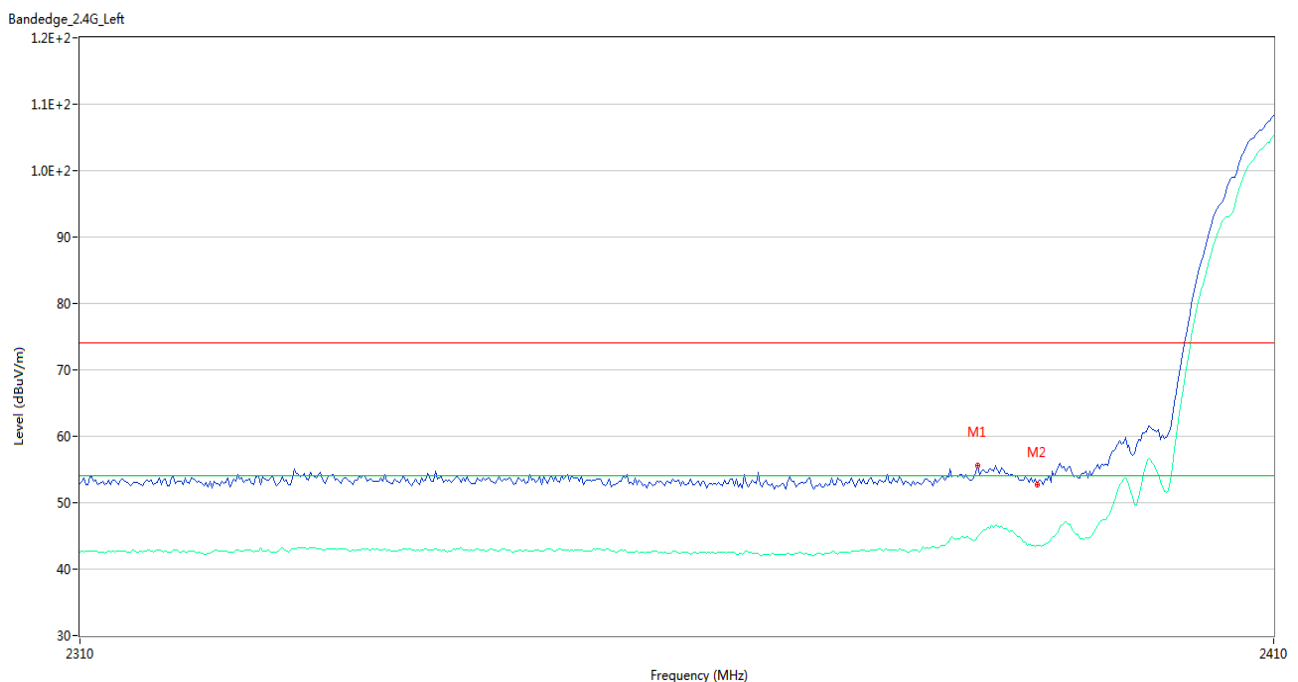
Note ²: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note ³: According the ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024, 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: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

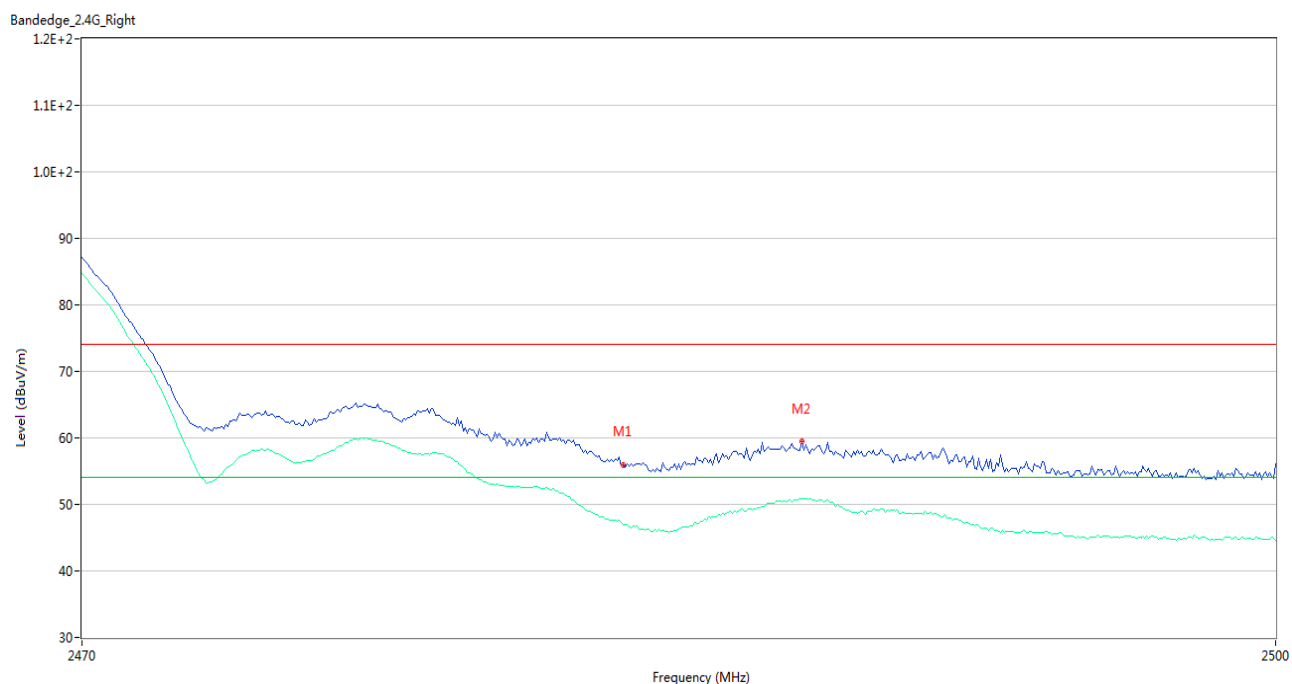
Test Data and Plots

802.11b LOW CHANNEL



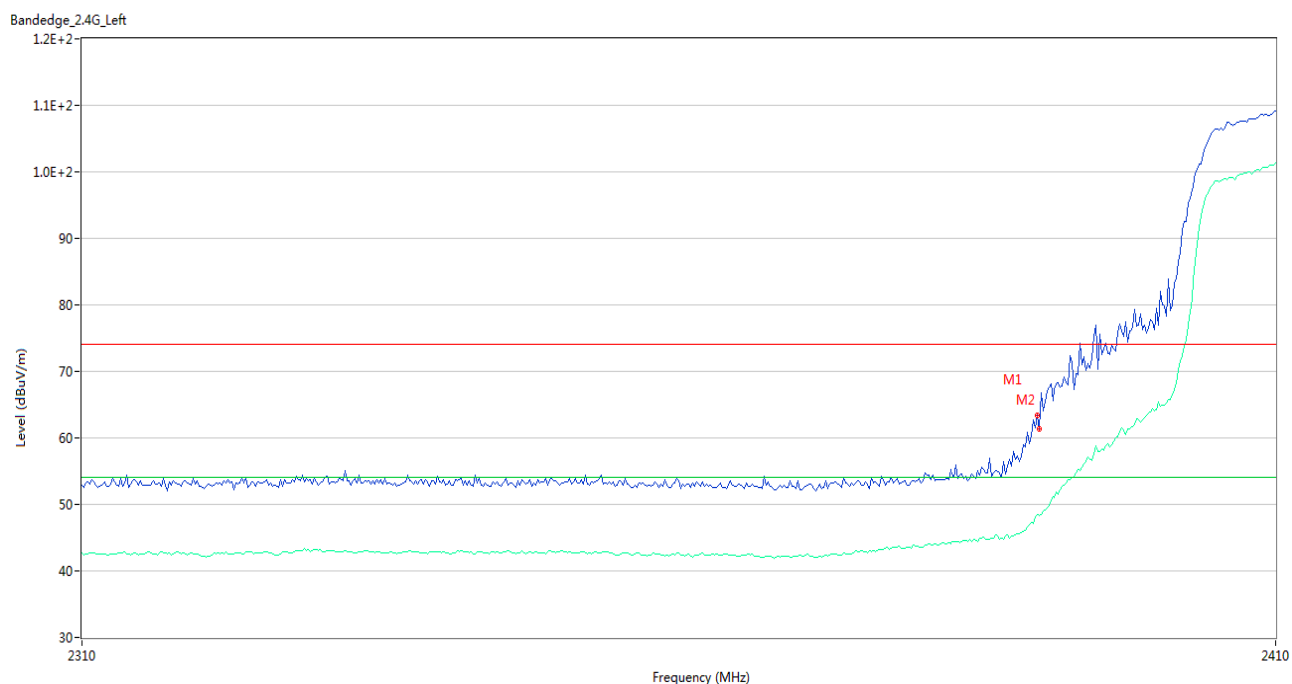
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.833	55.61	74.0	18.39	Peak	147.00	150	Horizontal	Pass
1**	2384.833	44.95	54.0	9.05	AV	147.00	150	Horizontal	Pass
2	2389.833	52.63	74.0	21.37	Peak	139.00	150	Horizontal	Pass
2**	2389.833	43.52	54.0	10.48	AV	139.00	150	Horizontal	Pass

802.11b HIGH CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	56.01	74.0	17.99	Peak	140.00	100	Horizontal	Pass
1**	2483.550	47.00	54.0	7.00	AV	140.00	100	Horizontal	Pass
2	2488.050	59.46	74.0	14.54	Peak	135.00	100	Horizontal	Pass
2**	2488.050	50.79	54.0	3.21	AV	135.00	100	Horizontal	Pass

802.11g LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	63.39	74.0	10.61	Peak	139.00	150	Horizontal	Pass
1**	2389.667	48.47	54.0	5.53	AV	139.00	150	Horizontal	Pass
2	2389.833	61.30	74.0	12.70	Peak	139.00	100	Horizontal	Pass
2**	2389.833	48.30	54.0	5.70	AV	139.00	100	Horizontal	Pass

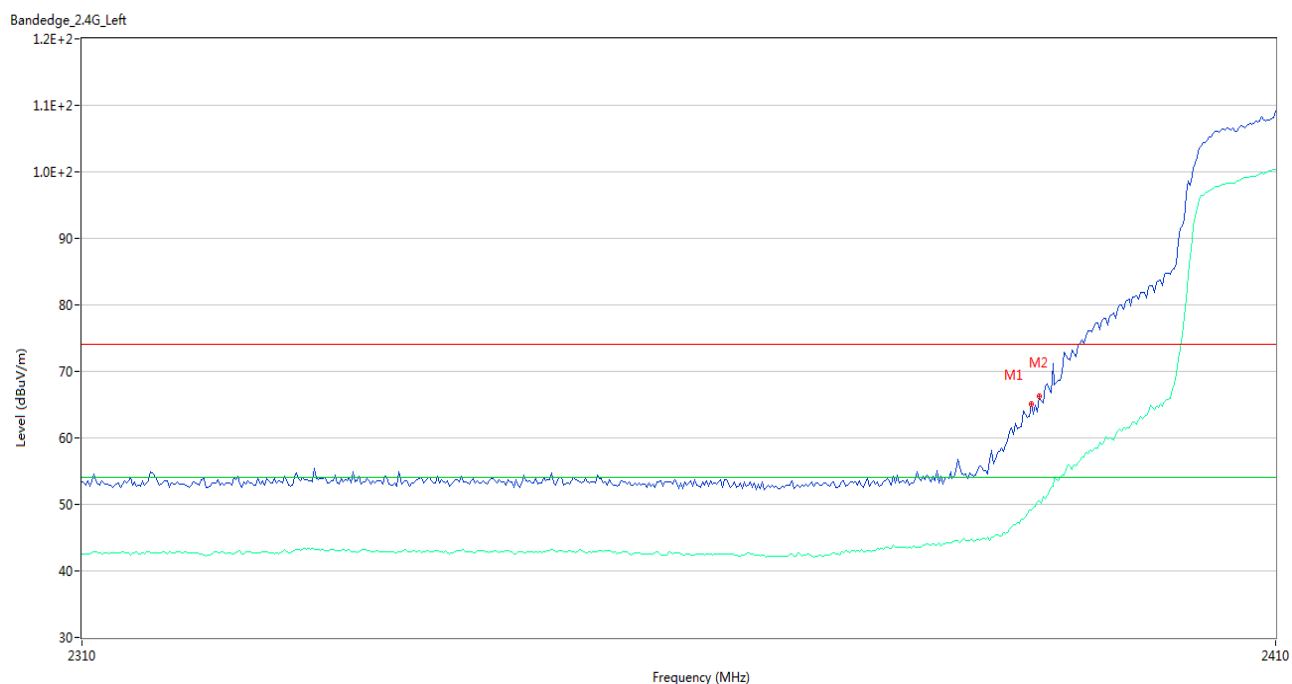
802.11g HIGH CHANNEL

3#_Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	68.46	74.0	5.54	Peak	15.00	100	Horizontal	Pass
1**	2483.500	49.27	54.0	4.73	AV	15.00	100	Horizontal	Pass
2	2484.050	68.35	74.0	5.65	Peak	155.00	100	Horizontal	Pass
2**	2484.050	48.70	54.0	5.30	AV	155.00	100	Horizontal	Pass

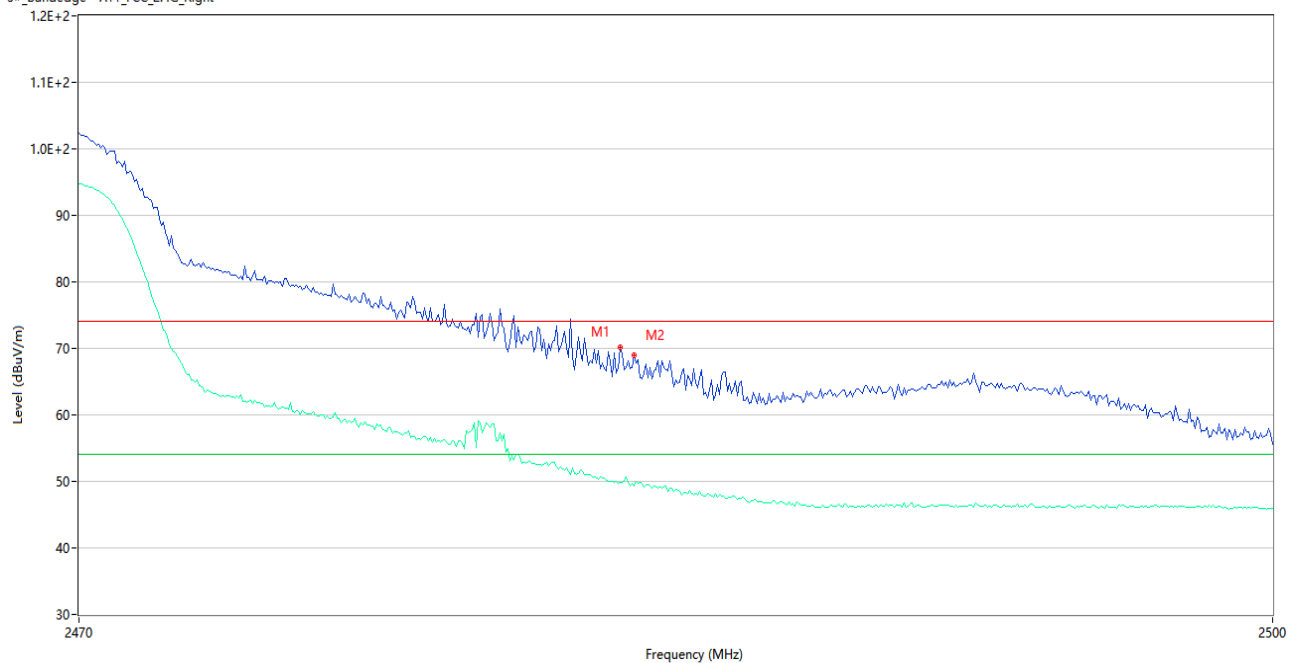
802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.167	65.12	74.0	8.88	Peak	137.00	150	Horizontal	Pass
1**	2389.167	49.18	54.0	4.82	AV	137.00	150	Horizontal	Pass
2	2389.833	66.29	74.0	7.71	Peak	140.00	150	Horizontal	Pass
2**	2389.833	50.56	54.0	3.44	AV	140.00	150	Horizontal	Pass

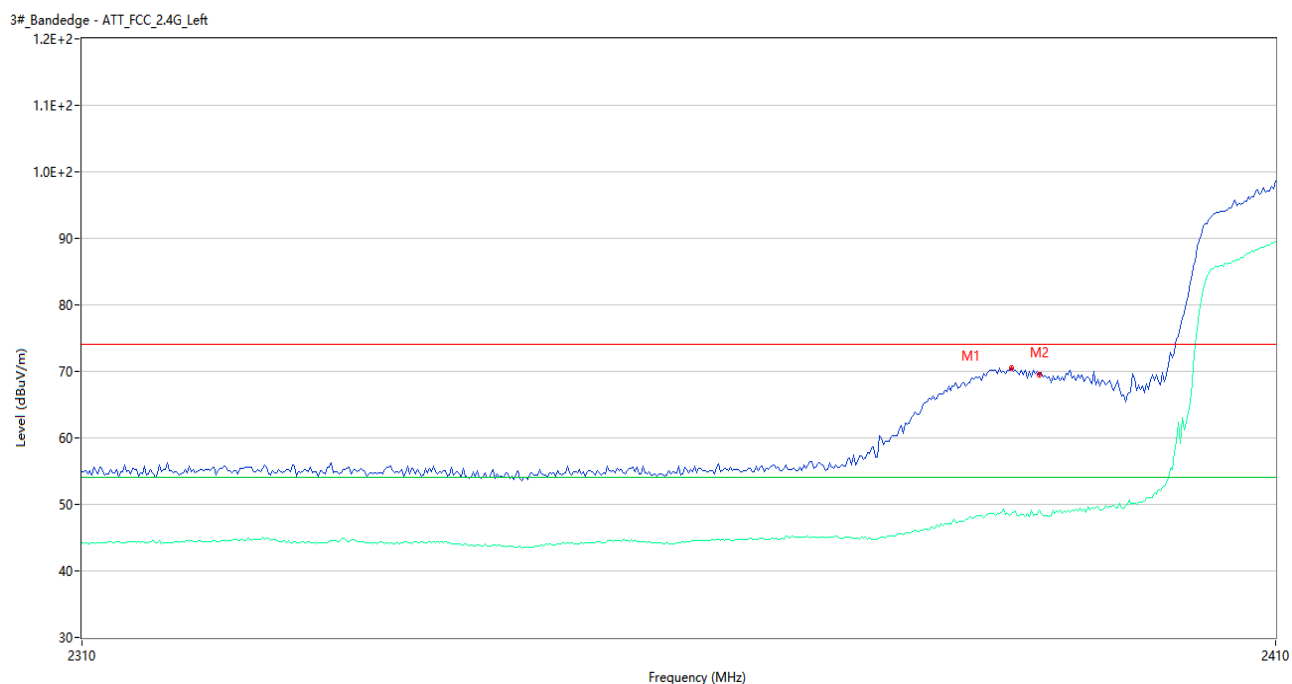
802.11n20 HIGH CHANNEL

3#_Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	70.25	74.0	3.75	Peak	8.00	100	Horizontal	Pass
1**	2483.550	49.80	54.0	4.20	AV	8.00	100	Horizontal	Pass
2	2483.900	69.04	74.0	4.96	Peak	6.00	200	Horizontal	Pass
2**	2483.900	49.35	54.0	4.65	AV	6.00	200	Horizontal	Pass

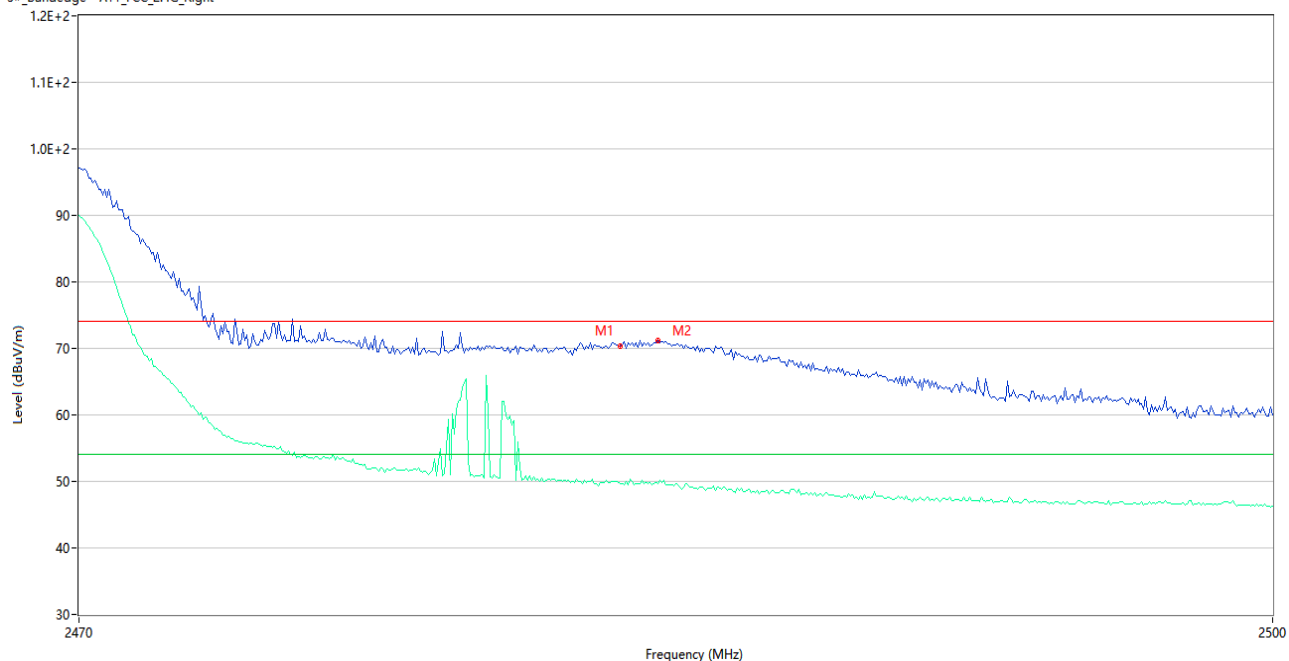
802.11n40 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2387.500	70.46	74.0	3.54	Peak	11.00	150	Horizontal	Pass
1**	2387.500	48.57	54.0	5.43	AV	11.00	150	Horizontal	Pass
2	2389.833	69.47	74.0	4.53	Peak	15.00	150	Horizontal	Pass
2**	2389.833	49.20	54.0	4.80	AV	15.00	150	Horizontal	Pass

802.11n40 HIGH CHANNEL

3#_Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.550	70.42	74.0	3.58	Peak	16.00	100	Horizontal	Pass
1**	2483.550	49.64	54.0	4.36	AV	16.00	100	Horizontal	Pass
2	2484.500	70.98	74.0	3.02	Peak	151.00	150	Horizontal	Pass
2**	2484.500	49.86	54.0	4.14	AV	151.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.96	8	Pass
Middle	-8.21	8	Pass
High	-6.58	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.78	8	Pass
Middle	-9.03	8	Pass
High	-10.49	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.64	8	Pass
Middle	-8.93	8	Pass
High	-10.43	8	Pass

802.11n-40 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-11.90	8	Pass
Middle	-12.88	8	Pass
High	-14.96	8	Pass

Test Plots

802.11b LOW CHANNEL



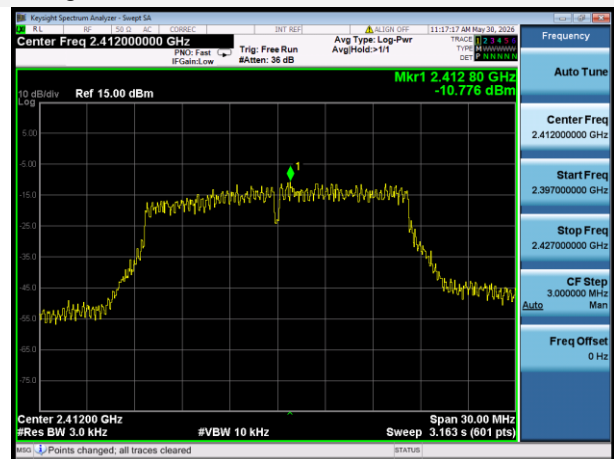
802.11b MIDDLE CHANNEL



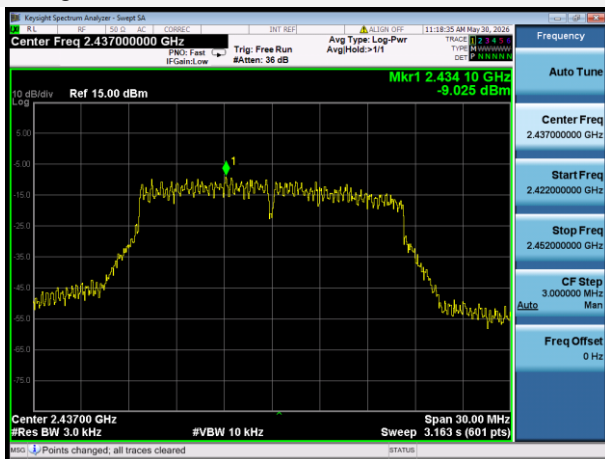
802.11b HIGH CHANNEL



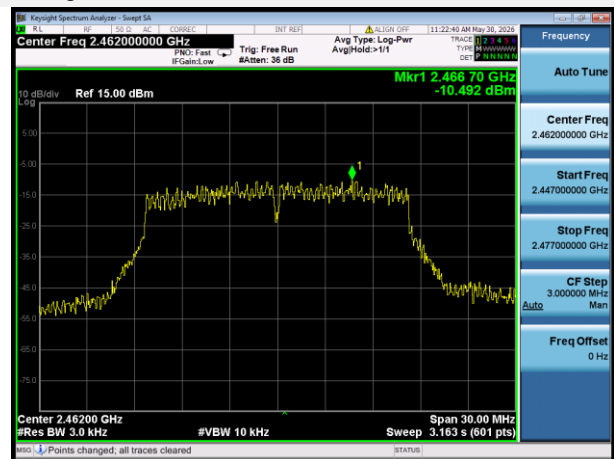
802.11g LOW CHANNEL



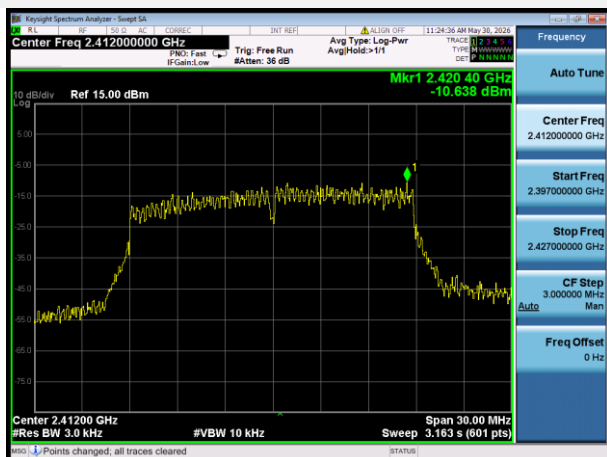
802.11g MIDDLE CHANNEL



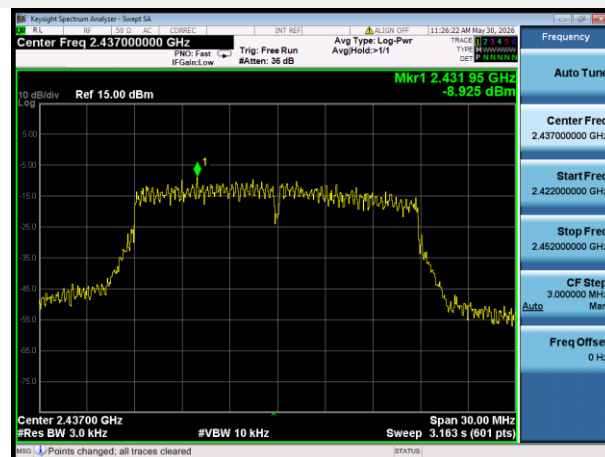
802.11g HIGH CHANNEL



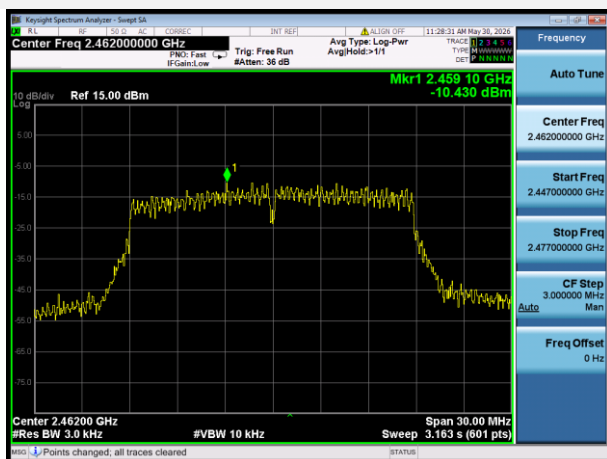
802.11n-20 MHz LOW CHANNEL



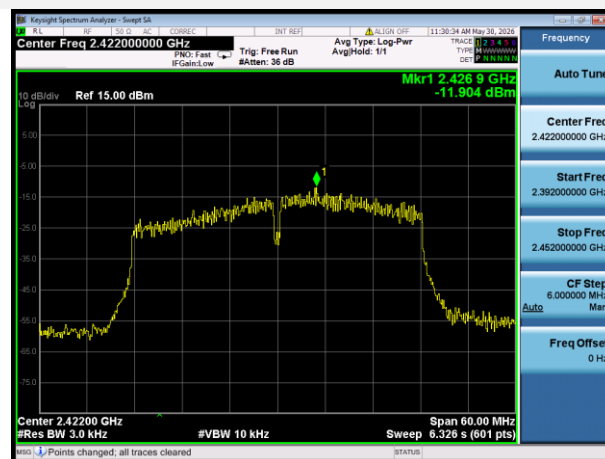
802.11n-20 MHz MIDDLE CHANNEL



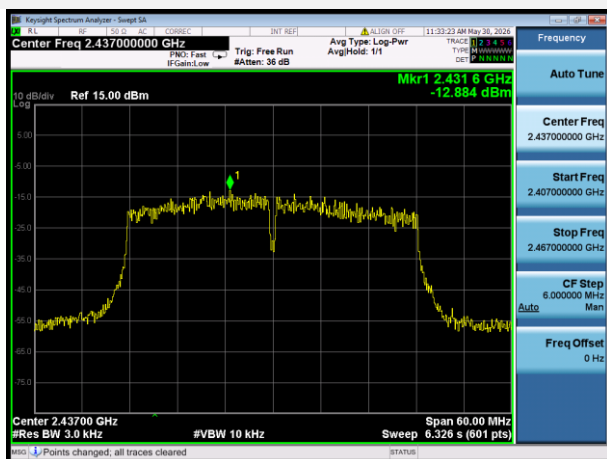
802.11n-20 MHz HIGH CHANNEL



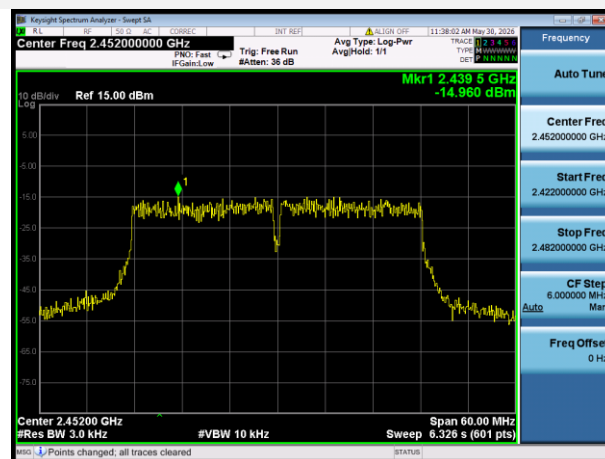
802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



802.11n-40 MHz HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26050368-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26050368-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26050368-AI.PDF”.

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--END OF REPORT--