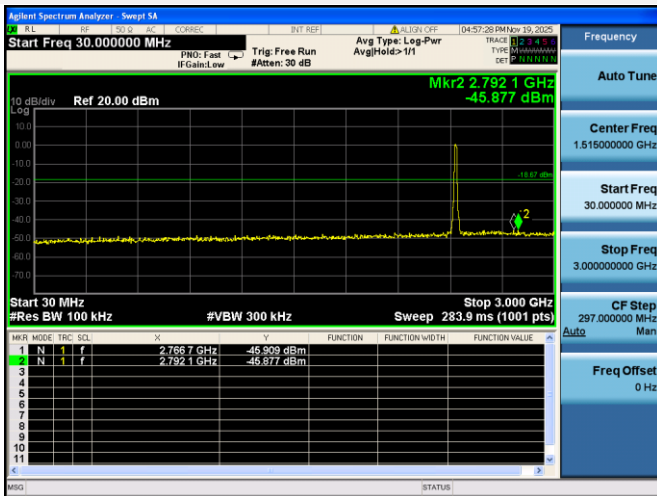
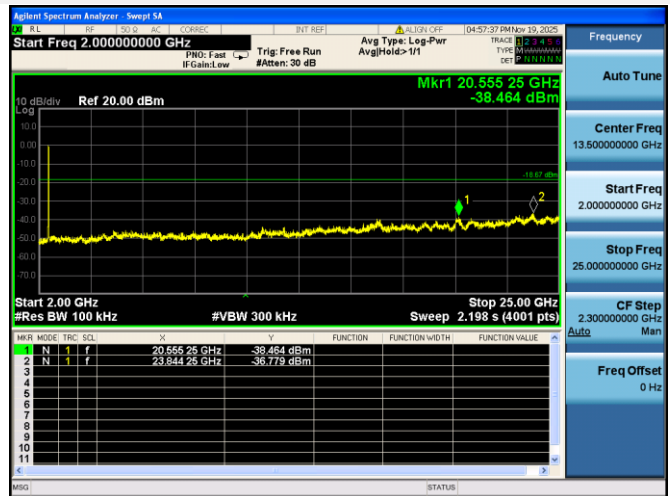


802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



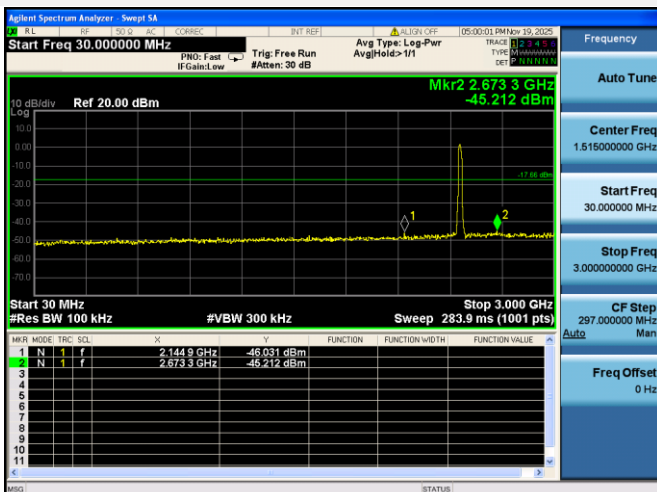
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



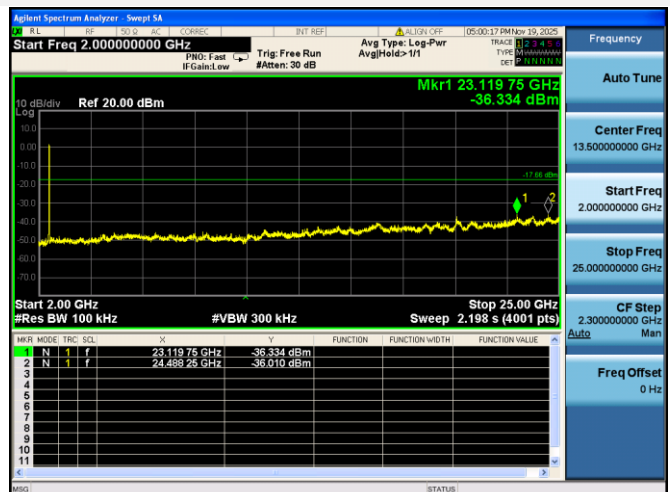
802.11g HIGH CHANNEL CARRIER LEVEL



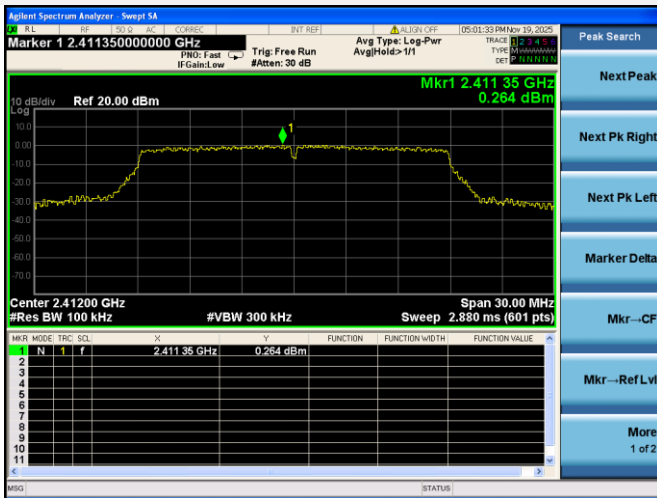
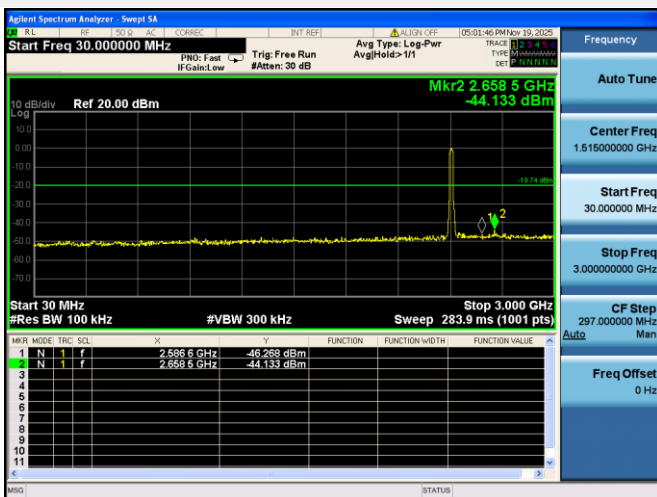
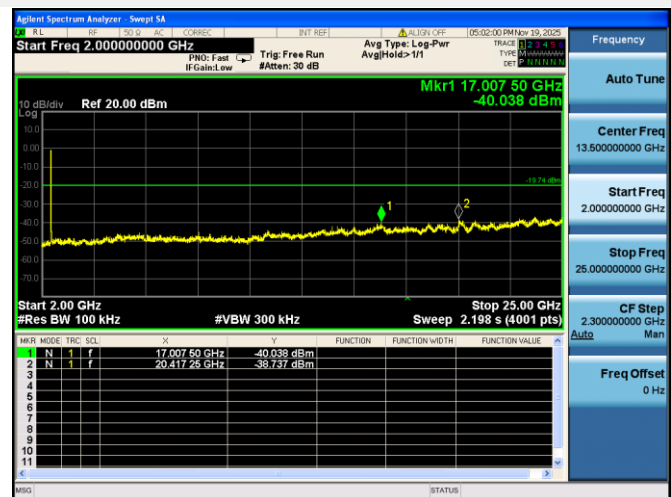
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



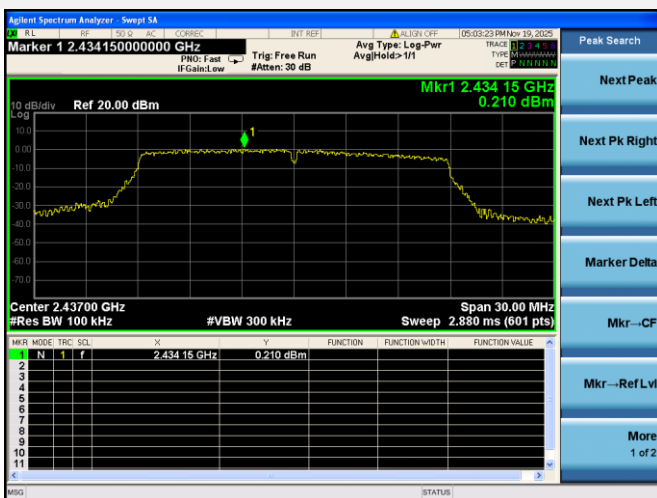
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



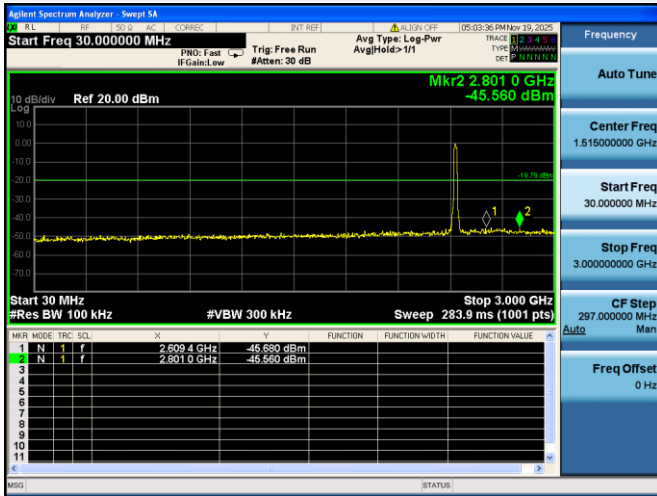
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

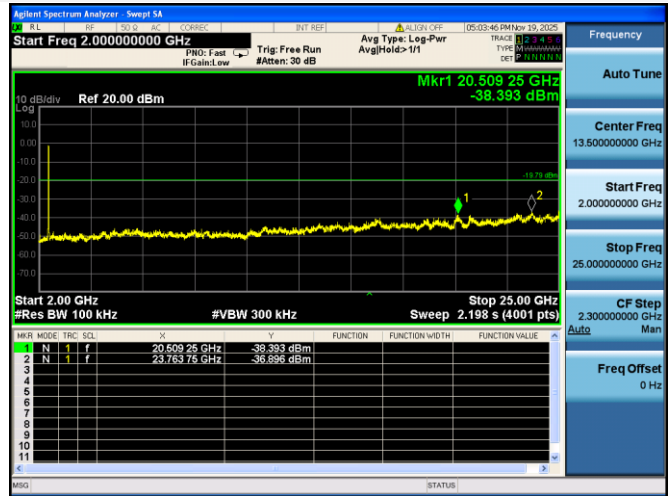
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



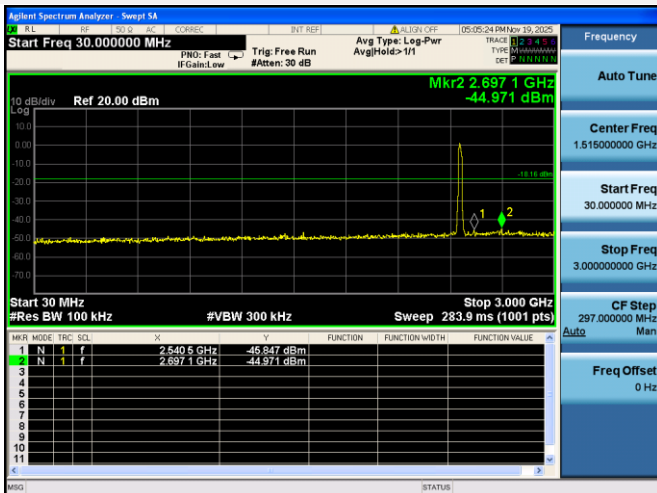
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



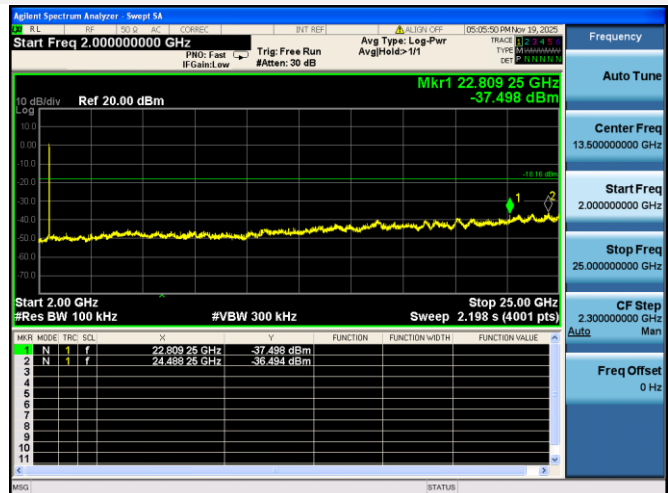
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



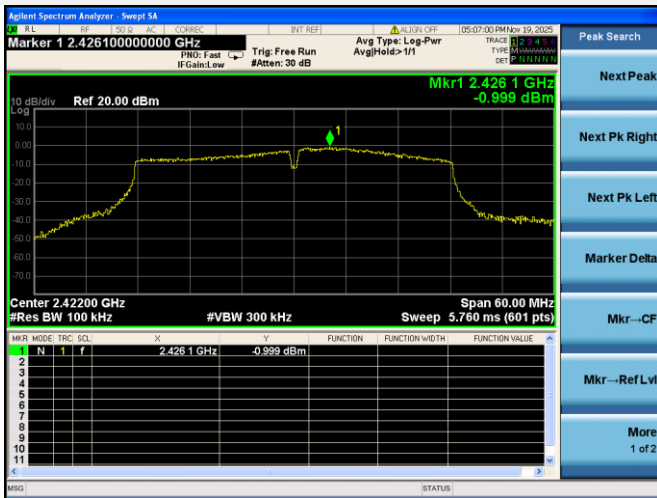
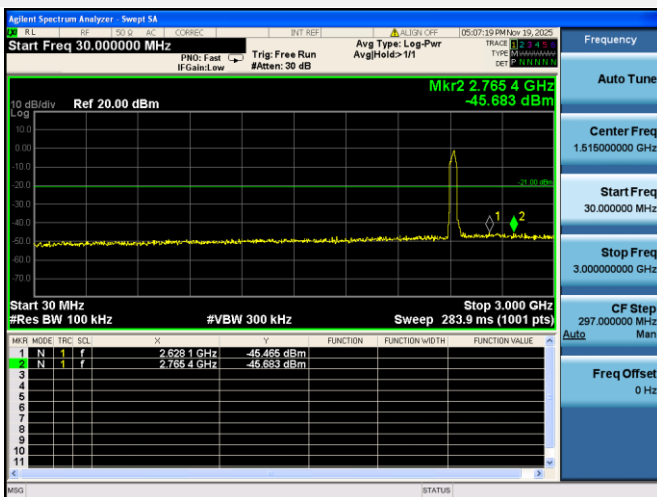
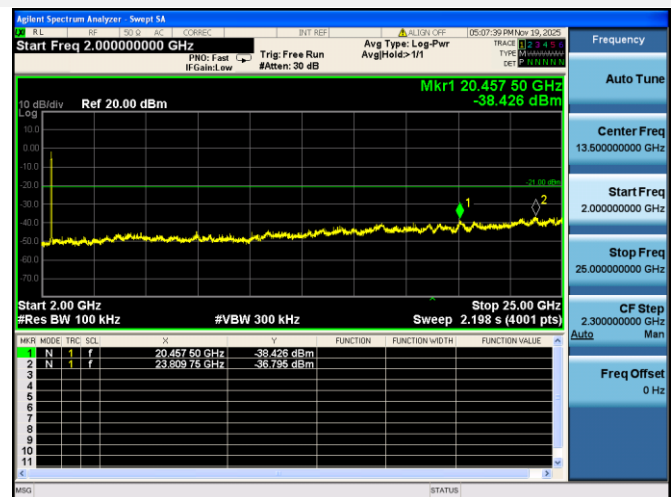
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



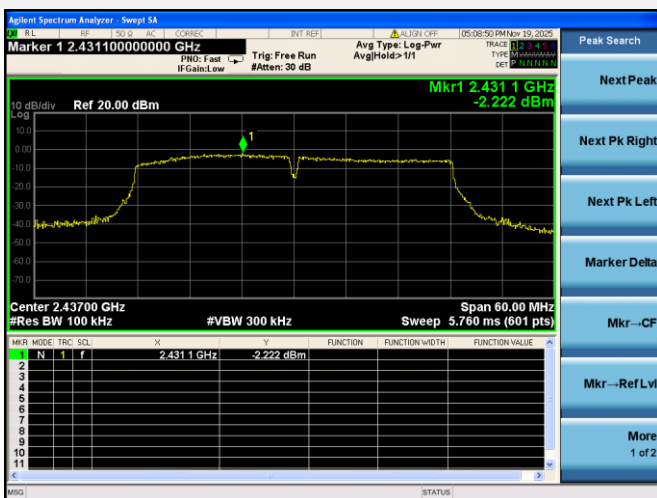
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



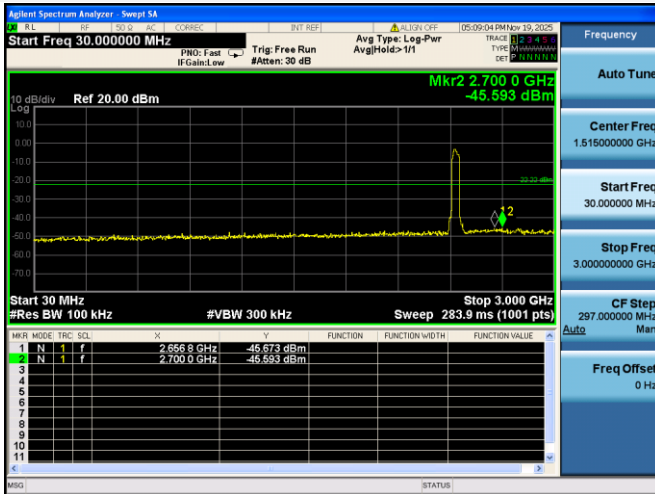
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

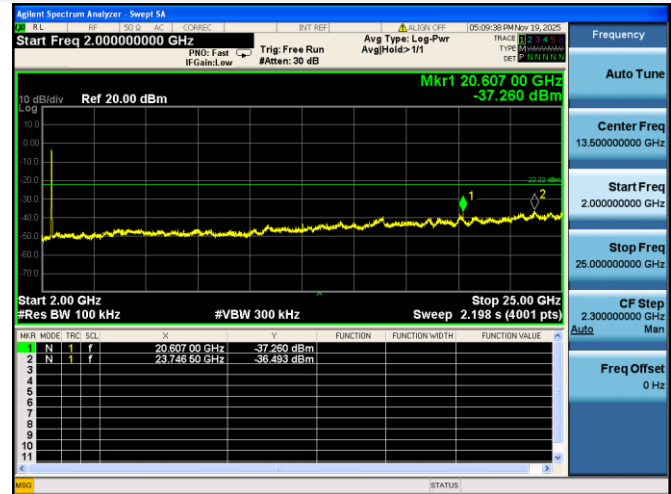
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



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



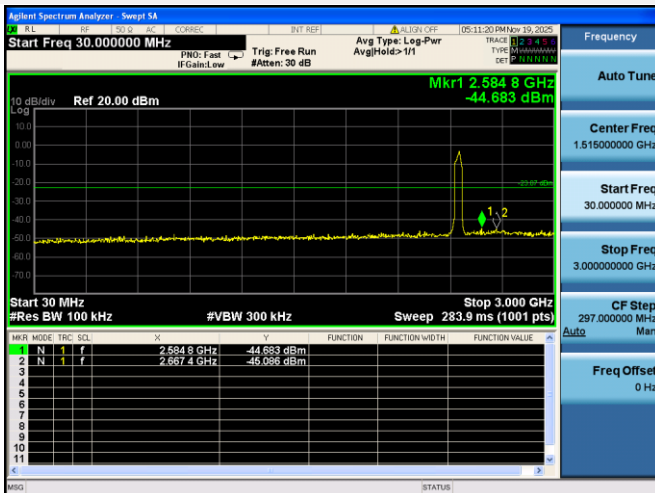
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



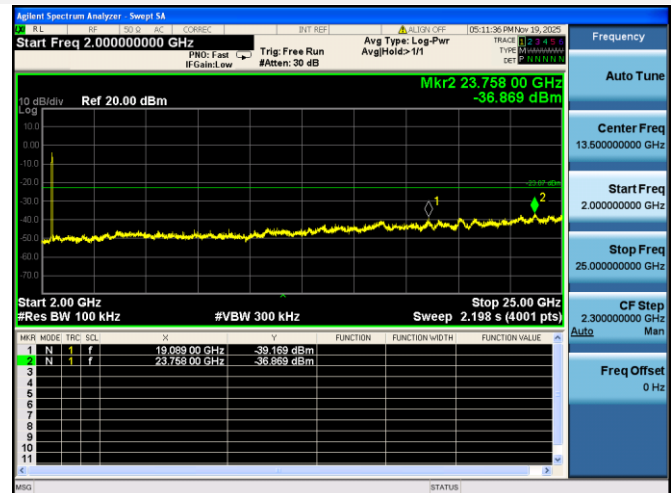
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



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



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

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

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.47	8.37	-11.63	Pass
High Channel	-48.04	9.13	-10.87	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-24.99	1.60	-18.40	Pass
High Channel	-45.51	2.35	-17.66	Pass

802.11n-20 MHz Mode:

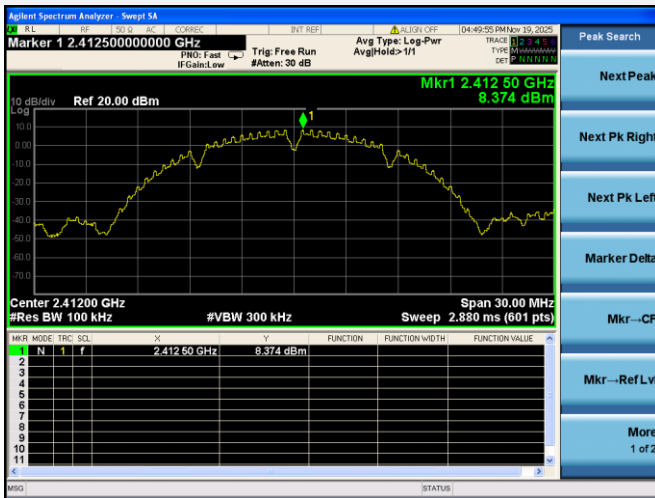
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-26.77	0.26	-19.74	Pass
High Channel	-45.22	1.84	-18.16	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.51	-1.00	-21.00	Pass
High Channel	-46.65	-3.07	-23.07	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



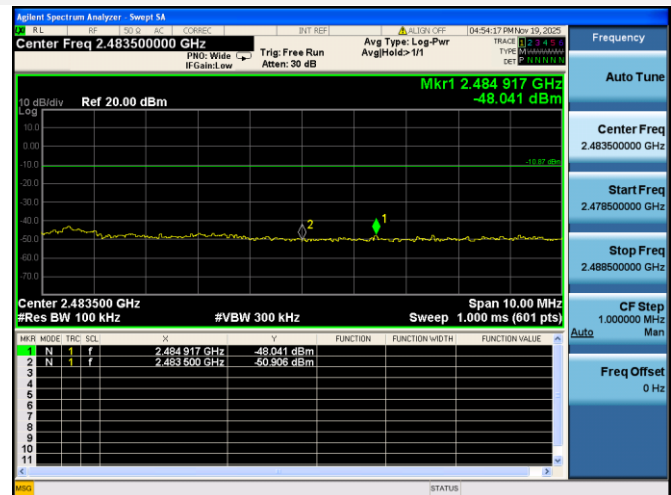
802.11b LOW CHANNEL, BAND EDGE



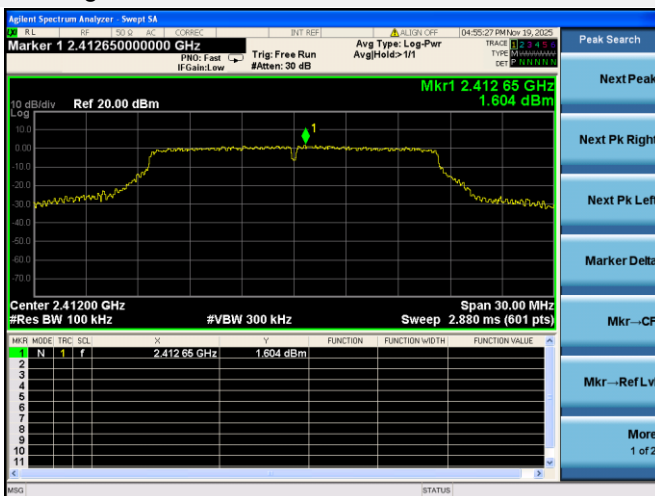
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



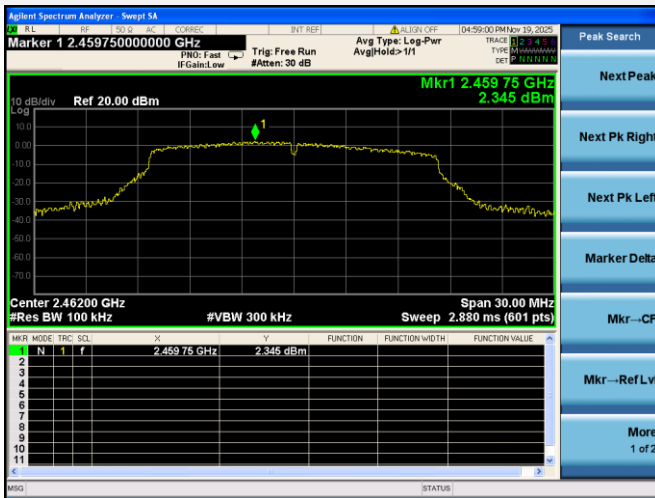
802.11g LOW CHANNEL, CARRIER LEVEL



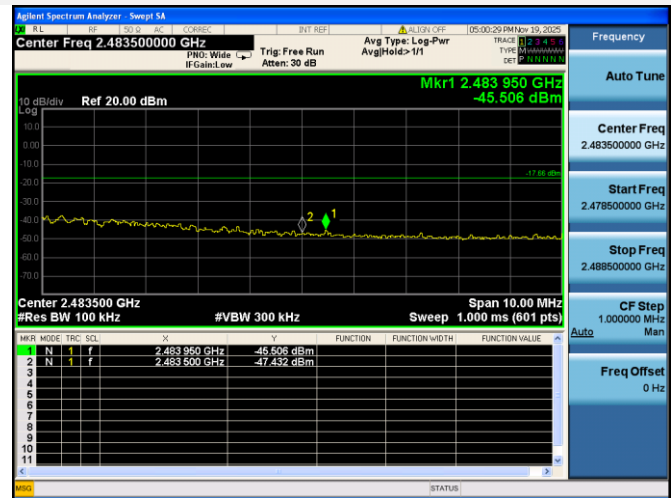
802.11g LOW CHANNEL, BAND EDGE



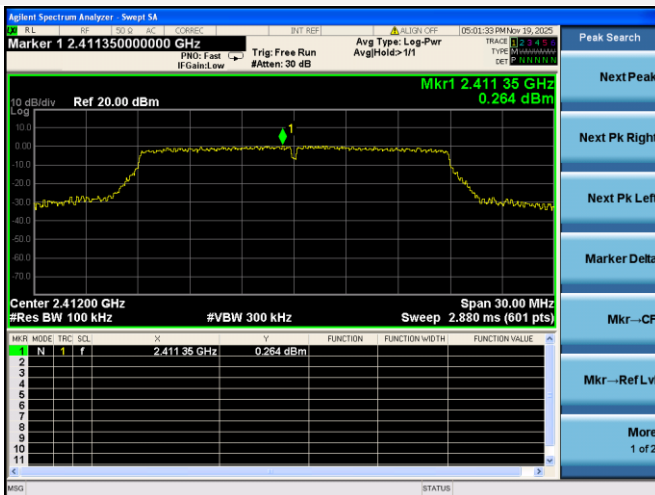
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



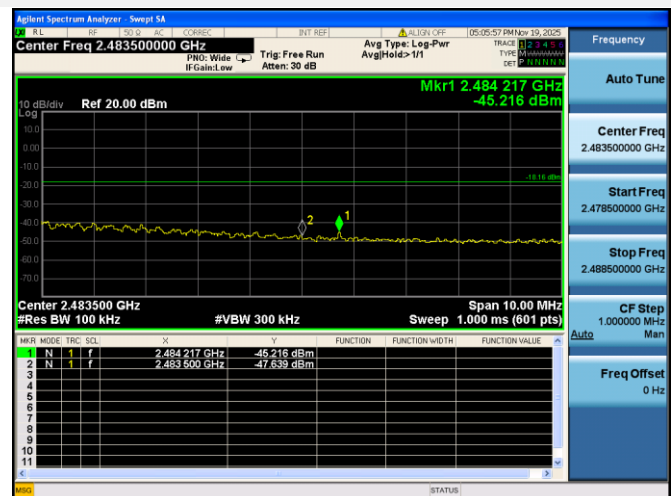
802.11n-20 MHz LOW CHANNEL, BAND EDGE



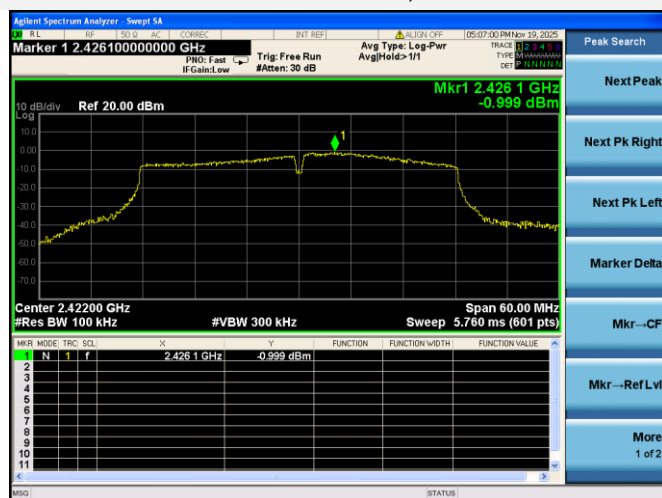
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



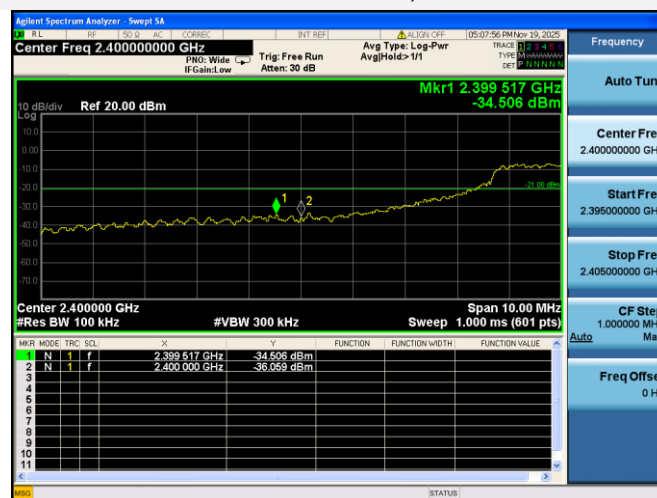
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



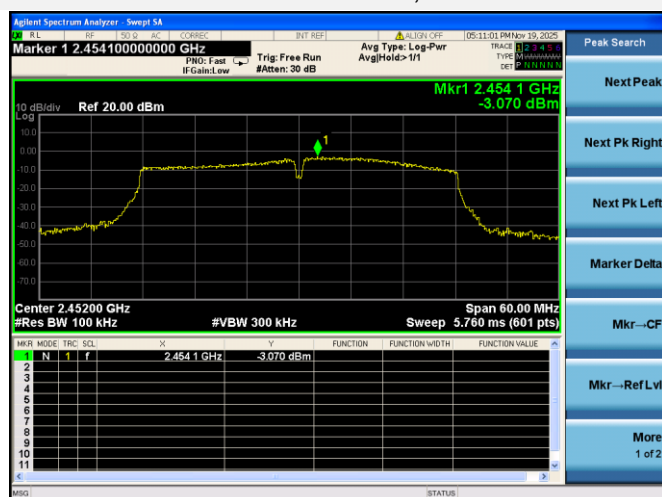
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



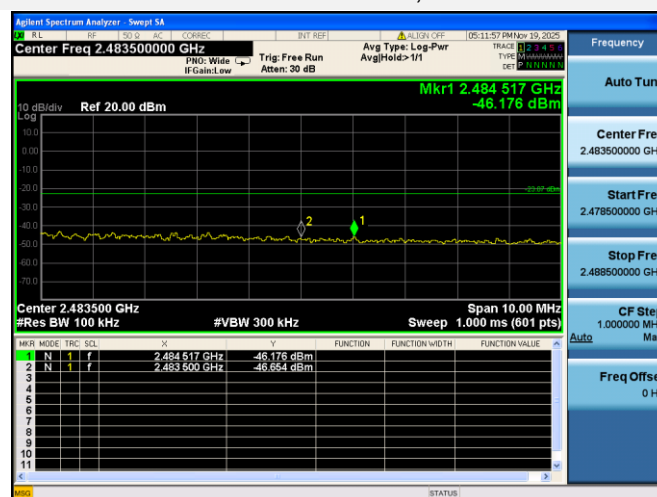
802.11n-40 MHz LOW CHANNEL, BAND EDGE



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.

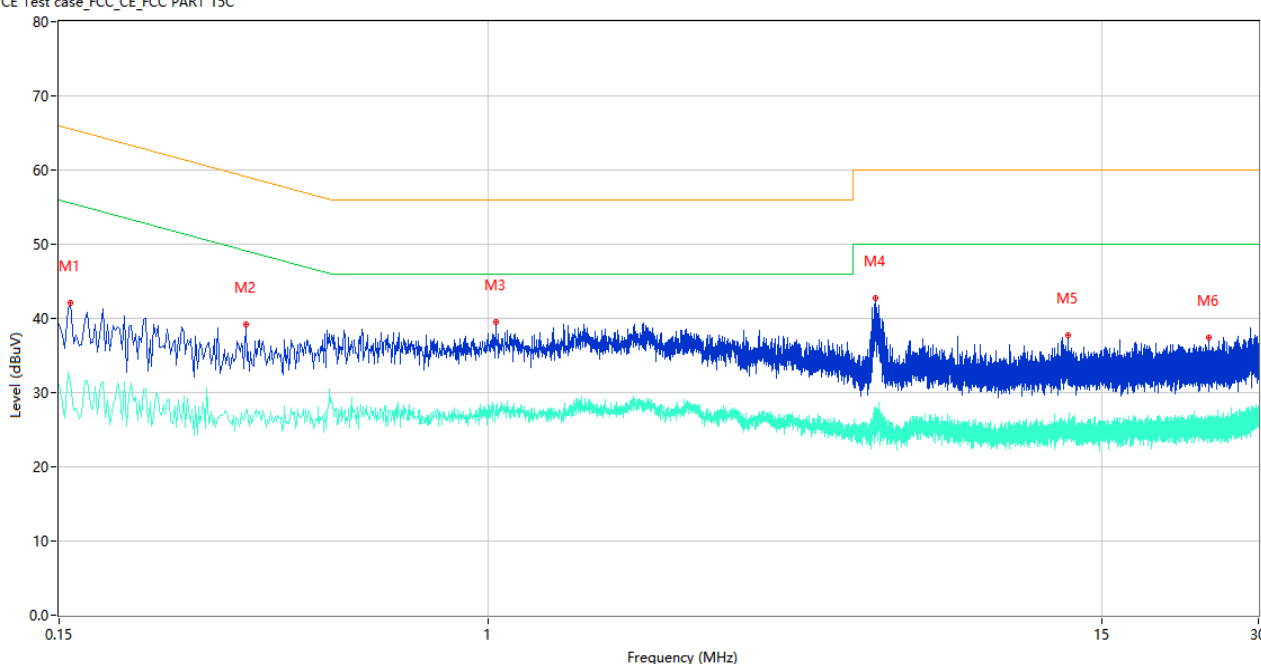
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

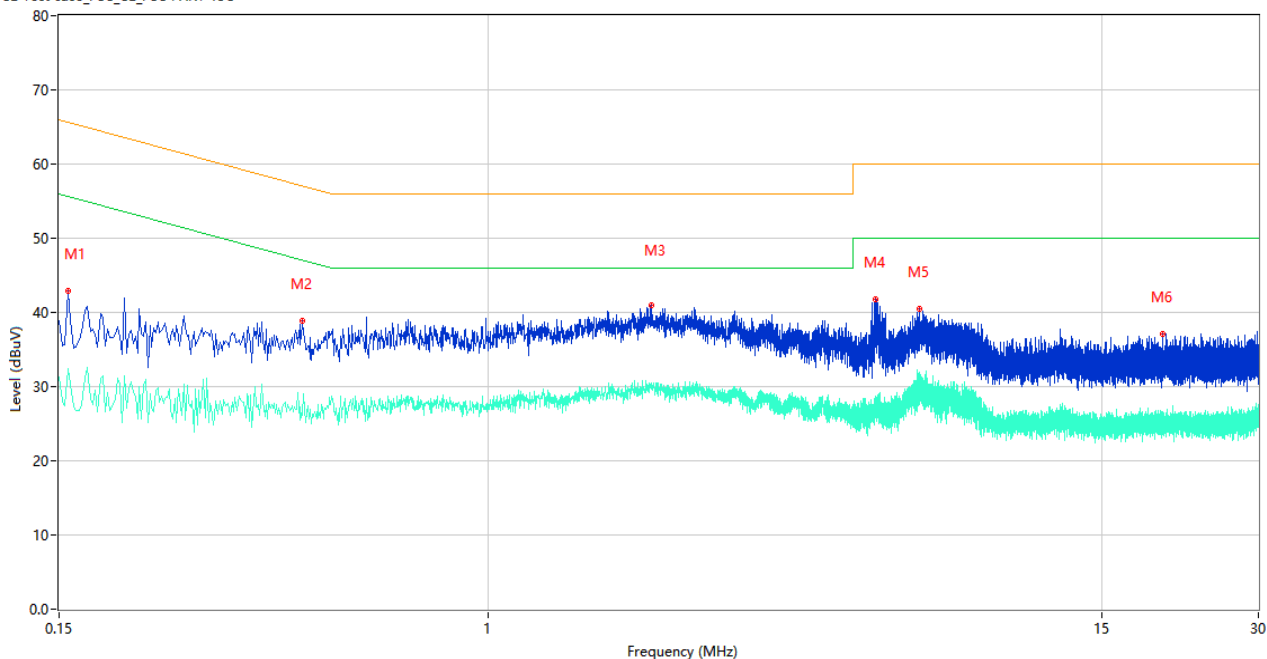
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	42.12	9.86	65.57	23.45	Peak	L	Pass
1**	0.158	31.26	9.86	55.57	24.31	AV	L	Pass
2	0.342	39.27	10.66	59.15	19.88	Peak	L	Pass
2**	0.342	27.44	10.66	49.15	21.71	AV	L	Pass
3	1.032	39.51	10.16	56.00	16.49	Peak	L	Pass
3**	1.032	27.61	10.16	46.00	18.39	AV	L	Pass
4	5.540	42.79	10.56	60.00	17.21	Peak	L	Pass
4**	5.540	25.67	10.56	50.00	24.33	AV	L	Pass
5	12.934	37.81	10.76	60.00	22.19	Peak	L	Pass
5**	12.934	26.18	10.76	50.00	23.82	AV	L	Pass
6	24.120	37.40	10.96	60.00	22.60	Peak	L	Pass
6**	24.120	26.11	10.96	50.00	23.89	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	0.156	42.96	9.86	65.67	22.71	Peak	N	Pass
1**	0.156	32.44	9.86	55.67	23.23	AV	N	Pass
2	0.440	38.83	10.19	57.06	18.23	Peak	N	Pass
2**	0.440	26.32	10.19	47.06	20.74	AV	N	Pass
3	2.052	40.90	10.49	56.00	15.10	Peak	N	Pass
3**	2.052	30.18	10.49	46.00	15.82	AV	N	Pass
4	5.530	41.83	10.53	60.00	18.17	Peak	N	Pass
4**	5.530	26.86	10.53	50.00	23.14	AV	N	Pass
5	6.718	40.56	10.27	60.00	19.44	Peak	N	Pass
5**	6.718	31.47	10.27	50.00	18.53	AV	N	Pass
6	19.682	37.17	10.97	60.00	22.83	Peak	N	Pass
6**	19.682	25.76	10.97	50.00	24.24	AV	N	Pass

A.6 Radiated Emission

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

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

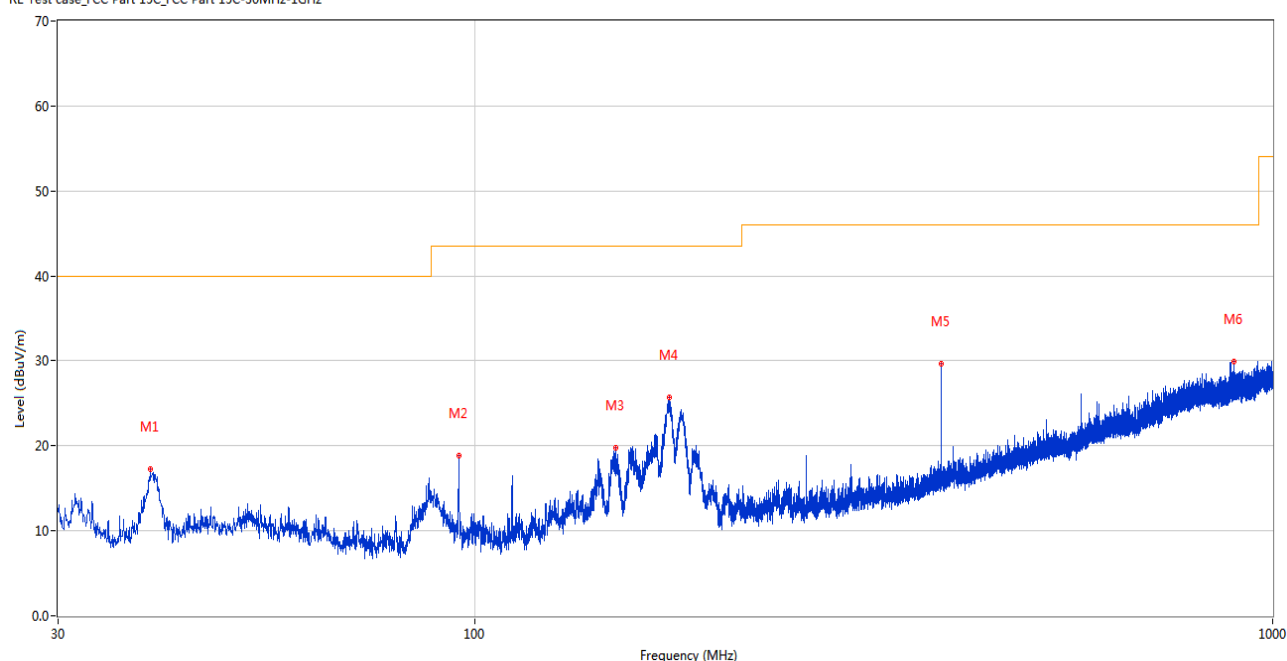
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

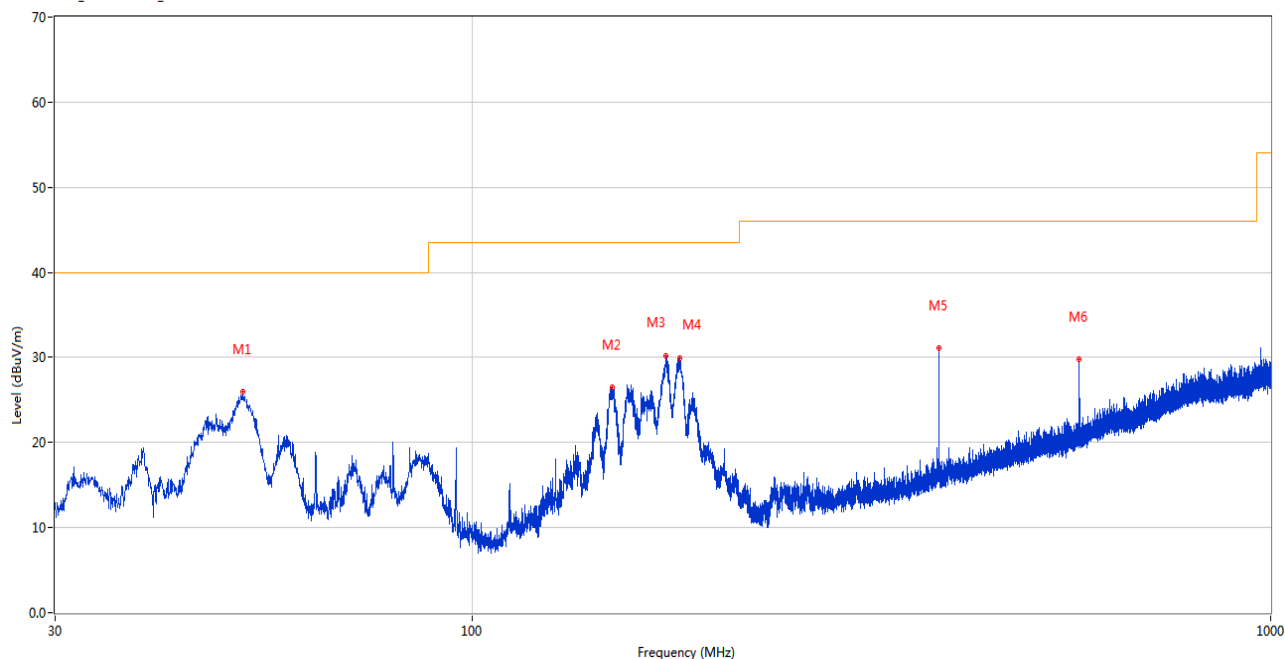
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	39.166	17.23	-26.32	40.0	22.77	Peak	34.00	100	Horizontal	Pass
2	95.426	18.85	-30.64	43.5	24.65	Peak	134.00	200	Horizontal	Pass
3	150.183	19.73	-25.02	43.5	23.77	Peak	299.00	200	Horizontal	Pass
4	175.064	25.75	-25.79	43.5	17.75	Peak	285.00	200	Horizontal	Pass
5	384.002	29.70	-21.03	46.0	16.30	Peak	309.00	100	Horizontal	Pass
6	893.785	29.94	-10.82	46.0	16.06	Peak	11.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



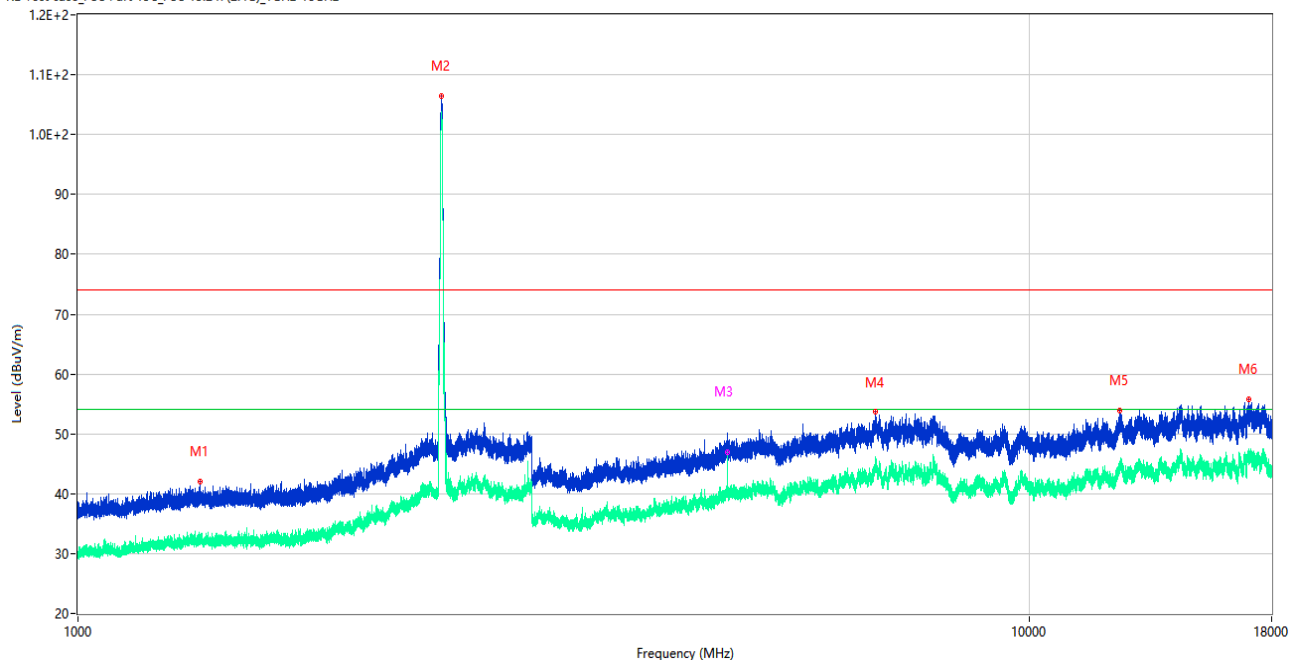
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.583	25.95	-25.63	40.0	14.05	Peak	53.00	100	Vertical	Pass
2	149.650	26.51	-24.99	43.5	16.99	Peak	230.00	100	Vertical	Pass
3	174.870	30.25	-25.80	43.5	13.25	Peak	332.00	100	Vertical	Pass
4	181.660	29.87	-26.59	43.5	13.63	Peak	348.00	100	Vertical	Pass
5	384.002	31.15	-21.03	46.0	14.85	Peak	67.00	100	Vertical	Pass
6	576.013	29.86	-16.33	46.0	16.14	Peak	230.00	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

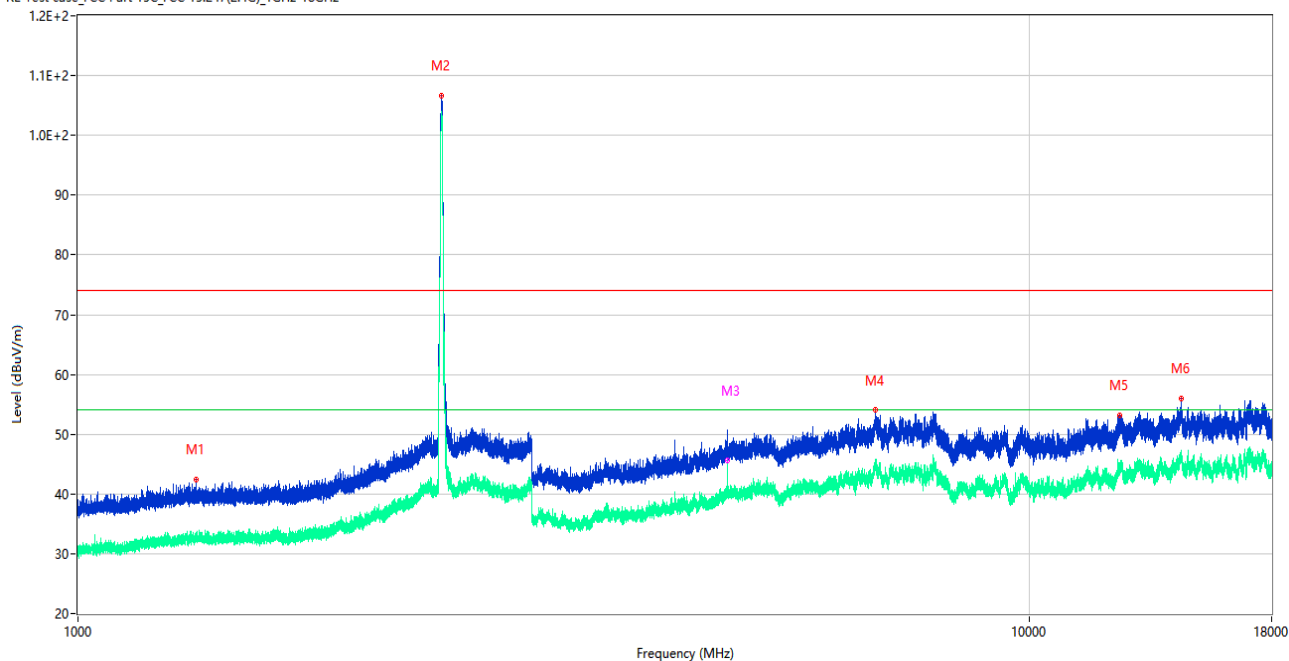
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.400	42.12	74.0	31.88	Peak	6.00	400	Horizontal	Pass
1**	1345.400	31.86	54.0	22.14	AV	6.00	400	Horizontal	Pass
2	2410.800	106.50	74.0	-32.50	Peak	0.00	200	Horizontal	N/A
2**	2410.800	103.58	54.0	-49.58	AV	0.00	200	Horizontal	N/A
3	4824.250	50.09	74.0	23.91	Peak	230.00	100	Horizontal	Pass
3**	4824.250	46.98	54.0	7.02	AV	230.00	100	Horizontal	Pass
4	6890.250	53.63	74.0	20.37	Peak	0.00	200	Horizontal	Pass
4**	6890.250	44.26	54.0	9.74	AV	0.00	200	Horizontal	Pass
5	12448.375	53.94	74.0	20.06	Peak	89.00	100	Horizontal	Pass
5**	12448.375	43.98	54.0	10.02	AV	89.00	100	Horizontal	Pass
6	17034.000	55.80	74.0	18.20	Peak	109.00	400	Horizontal	Pass
6**	17034.000	46.91	54.0	7.09	AV	109.00	400	Horizontal	Pass

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

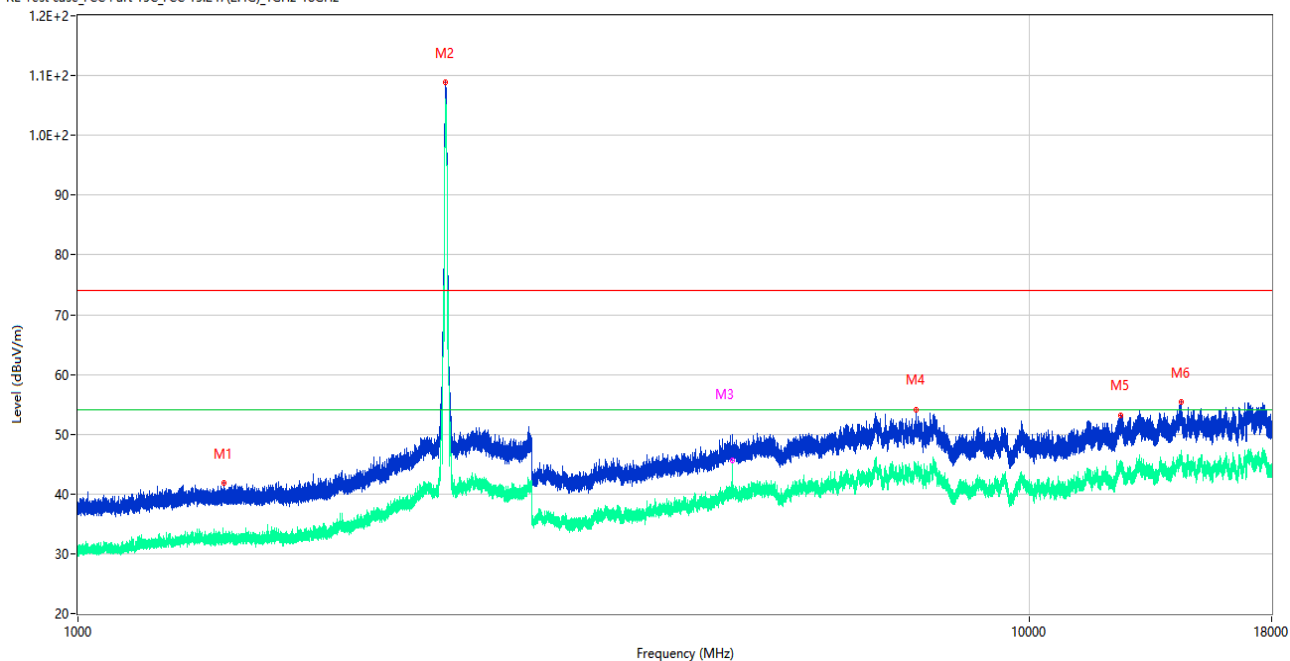
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.300	42.47	74.0	31.53	Peak	105.00	200	Vertical	Pass
1**	1332.300	32.66	54.0	21.34	AV	105.00	200	Vertical	Pass
2	2410.800	106.63	74.0	-32.63	Peak	283.00	150	Vertical	N/A
2**	2410.800	103.72	54.0	-49.72	AV	283.00	150	Vertical	N/A
3	4824.250	49.57	74.0	24.43	Peak	310.00	100	Vertical	Pass
3**	4824.250	45.68	54.0	8.32	AV	310.00	100	Vertical	Pass
4	6894.000	54.07	74.0	19.93	Peak	16.00	100	Vertical	Pass
4**	6894.000	45.83	54.0	8.17	AV	16.00	100	Vertical	Pass
5	12470.225	53.21	74.0	20.79	Peak	344.00	400	Vertical	Pass
5**	12470.225	44.12	54.0	9.88	AV	344.00	400	Vertical	Pass
6	14453.363	56.06	74.0	17.94	Peak	11.00	300	Vertical	Pass
6**	14453.363	46.01	54.0	7.99	AV	11.00	300	Vertical	Pass

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

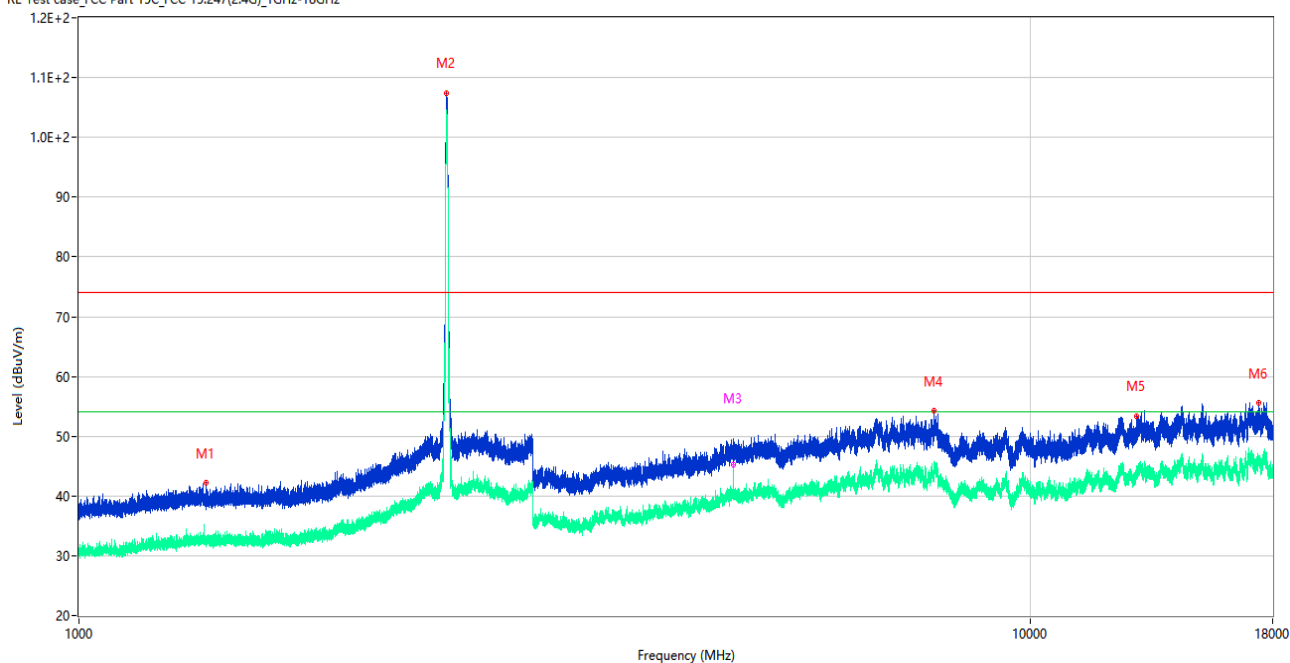
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1424.200	41.78	74.0	32.22	Peak	23.00	400	Horizontal	Pass
1**	1424.200	32.17	54.0	21.83	AV	23.00	400	Horizontal	Pass
2	2435.800	108.87	74.0	-34.87	Peak	266.00	200	Horizontal	N/A
2**	2435.800	106.03	54.0	-52.03	AV	266.00	200	Horizontal	N/A
3	4874.500	48.82	74.0	25.18	Peak	94.00	100	Horizontal	Pass
3**	4874.500	45.62	54.0	8.38	AV	94.00	100	Horizontal	Pass
4	7608.250	54.15	74.0	19.85	Peak	0.00	400	Horizontal	Pass
4**	7608.250	43.69	54.0	10.31	AV	0.00	400	Horizontal	Pass
5	12477.112	53.21	74.0	20.79	Peak	185.00	200	Horizontal	Pass
5**	12477.112	44.42	54.0	9.58	AV	185.00	200	Horizontal	Pass
6	14458.350	55.37	74.0	18.63	Peak	57.00	400	Horizontal	Pass
6**	14458.350	46.49	54.0	7.51	AV	57.00	400	Horizontal	Pass

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

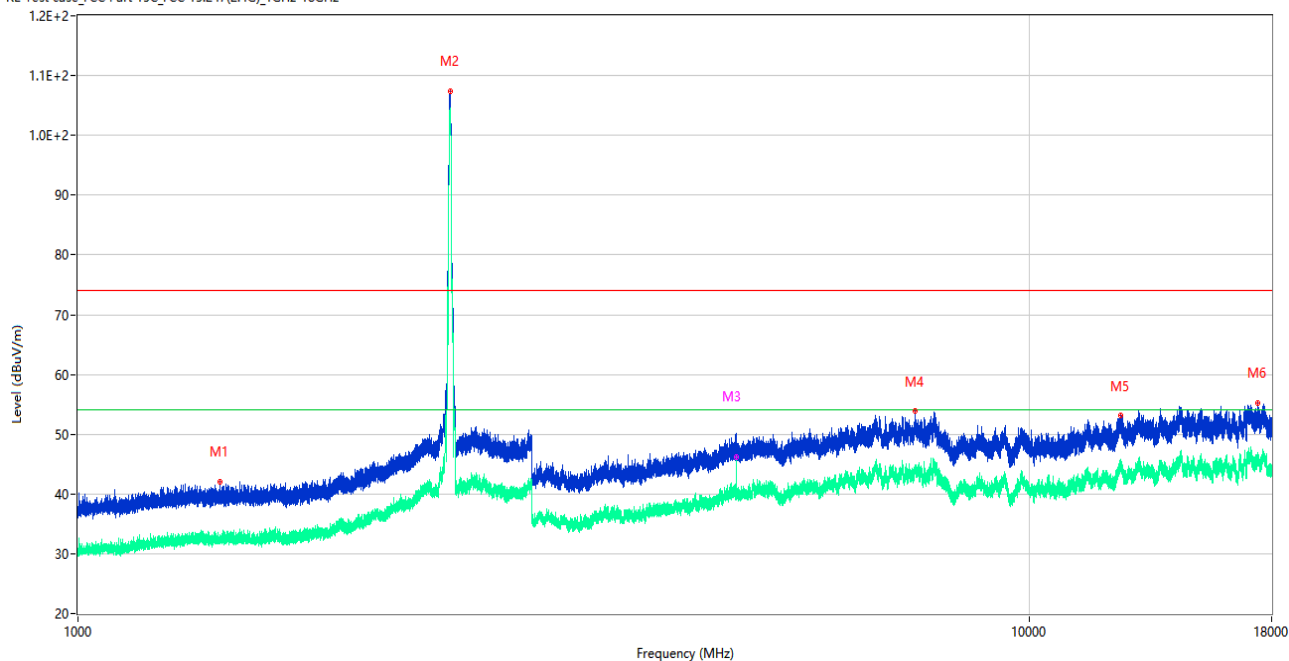
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.000	42.13	74.0	31.87	Peak	7.00	300	Vertical	Pass
1**	1362.000	33.13	54.0	20.87	AV	7.00	300	Vertical	Pass
2	2435.900	107.44	74.0	-33.44	Peak	302.00	200	Vertical	N/A
2**	2435.900	104.59	54.0	-50.59	AV	302.00	200	Vertical	N/A
3	4874.250	48.50	74.0	25.50	Peak	0.00	100	Vertical	Pass
3**	4874.250	45.25	54.0	8.75	AV	0.00	100	Vertical	Pass
4	7933.750	54.20	74.0	19.80	Peak	360.00	400	Vertical	Pass
4**	7933.750	45.02	54.0	8.98	AV	360.00	400	Vertical	Pass
5	12956.325	53.34	74.0	20.66	Peak	69.00	100	Vertical	Pass
5**	12956.325	43.72	54.0	10.28	AV	69.00	100	Vertical	Pass
6	17390.737	55.51	74.0	18.49	Peak	128.00	100	Vertical	Pass
6**	17390.737	45.87	54.0	8.13	AV	128.00	100	Vertical	Pass

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

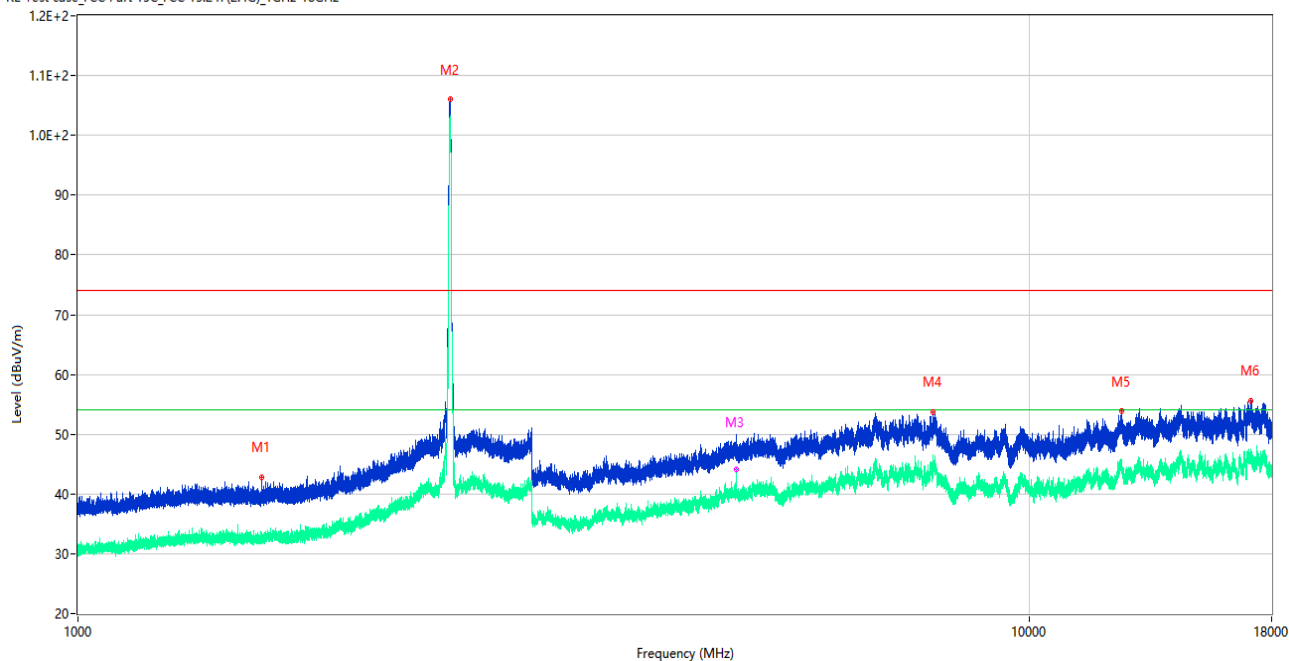
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1411.900	42.10	74.0	31.90	Peak	131.00	400	Horizontal	Pass
1**	1411.900	32.56	54.0	21.44	AV	131.00	400	Horizontal	Pass
2	2463.300	107.38	74.0	-33.38	Peak	266.00	100	Horizontal	N/A
2**	2463.300	104.59	54.0	-50.59	AV	266.00	100	Horizontal	N/A
3	4924.250	50.07	74.0	23.93	Peak	289.00	100	Horizontal	Pass
3**	4924.250	46.11	54.0	7.89	AV	289.00	100	Horizontal	Pass
4	7599.500	53.86	74.0	20.14	Peak	132.00	100	Horizontal	Pass
4**	7599.500	44.23	54.0	9.77	AV	132.00	100	Horizontal	Pass
5	12500.150	53.08	74.0	20.92	Peak	59.00	100	Horizontal	Pass
5**	12500.150	44.96	54.0	9.04	AV	59.00	100	Horizontal	Pass
6	17403.075	55.30	74.0	18.70	Peak	303.00	100	Horizontal	Pass
6**	17403.075	45.99	54.0	8.01	AV	303.00	100	Horizontal	Pass

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

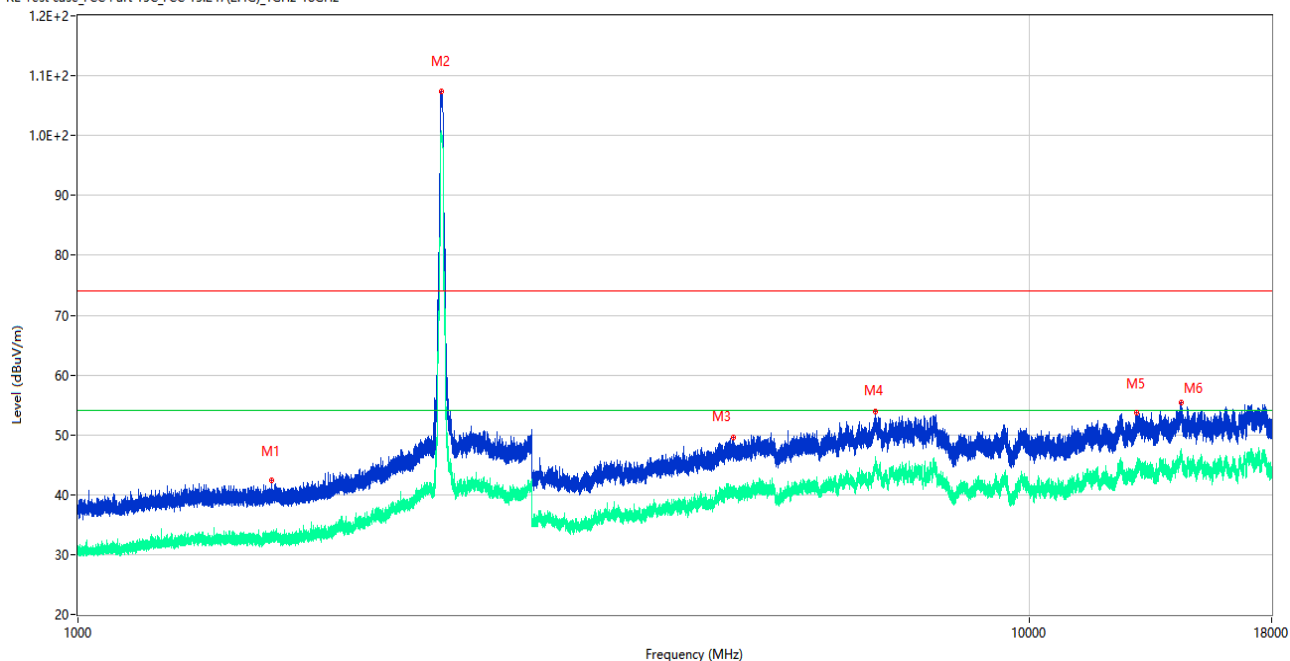
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.000	42.80	74.0	31.20	Peak	339.00	100	Vertical	Pass
1**	1560.000	32.71	54.0	21.29	AV	339.00	100	Vertical	Pass
2	2463.400	106.01	74.0	-32.01	Peak	293.00	200	Vertical	N/A
2**	2463.400	103.14	54.0	-49.14	AV	293.00	200	Vertical	N/A
3	4924.250	49.90	74.0	24.10	Peak	310.00	100	Vertical	Pass
3**	4924.250	44.10	54.0	9.90	AV	310.00	100	Vertical	Pass
4	7931.750	53.74	74.0	20.26	Peak	0.00	200	Vertical	Pass
4**	7931.750	44.83	54.0	9.17	AV	0.00	200	Vertical	Pass
5	12518.912	53.83	74.0	20.17	Peak	37.00	200	Vertical	Pass
5**	12518.912	43.82	54.0	10.18	AV	37.00	200	Vertical	Pass
6	17103.301	55.65	74.0	18.35	Peak	101.00	200	Vertical	Pass
6**	17103.301	46.27	54.0	7.73	AV	101.00	200	Vertical	Pass

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

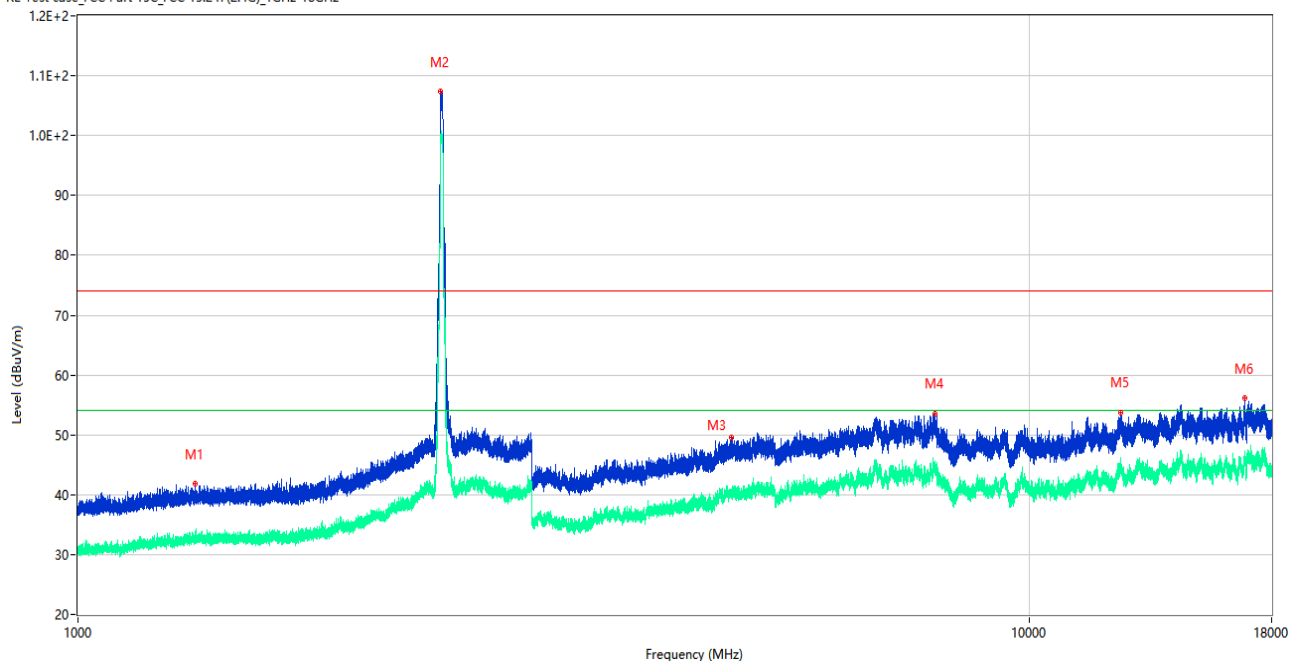
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.600	42.38	74.0	31.62	Peak	151.00	200	Horizontal	Pass
1**	1598.600	32.25	54.0	21.75	AV	151.00	200	Horizontal	Pass
2	2410.000	107.43	74.0	-33.43	Peak	22.00	100	Horizontal	N/A
2**	2410.000	100.21	54.0	-46.21	AV	22.00	100	Horizontal	N/A
3	4891.750	49.57	74.0	24.43	Peak	249.00	200	Horizontal	Pass
3**	4891.750	40.52	54.0	13.48	AV	249.00	200	Horizontal	Pass
4	6898.250	53.97	74.0	20.03	Peak	36.00	400	Horizontal	Pass
4**	6898.250	45.16	54.0	8.84	AV	36.00	400	Horizontal	Pass
5	12983.363	53.62	74.0	20.38	Peak	187.00	400	Horizontal	Pass
5**	12983.363	44.55	54.0	9.45	AV	187.00	400	Horizontal	Pass
6	14447.325	55.40	74.0	18.60	Peak	342.00	300	Horizontal	Pass
6**	14447.325	46.10	54.0	7.90	AV	342.00	300	Horizontal	Pass

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

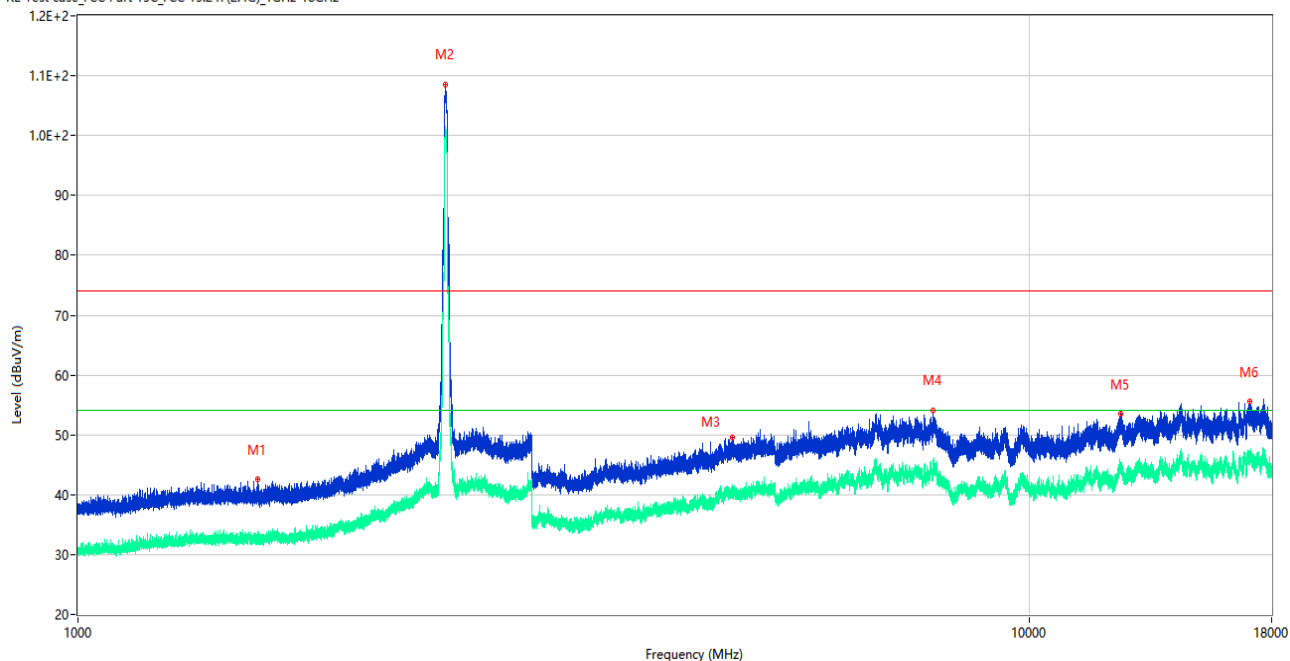
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.800	41.78	74.0	32.22	Peak	240.00	200	Vertical	Pass
1**	1327.800	33.96	54.0	20.04	AV	240.00	200	Vertical	Pass
2	2407.000	107.32	74.0	-33.32	Peak	35.00	100	Vertical	N/A
2**	2407.000	99.88	54.0	-45.88	AV	35.00	100	Vertical	N/A
3	4869.000	49.60	74.0	24.40	Peak	0.00	150	Vertical	Pass
3**	4869.000	40.53	54.0	13.47	AV	0.00	150	Vertical	Pass
4	7968.750	53.60	74.0	20.40	Peak	149.00	200	Vertical	Pass
4**	7968.750	44.38	54.0	9.62	AV	149.00	200	Vertical	Pass
5	12474.500	53.74	74.0	20.26	Peak	274.00	100	Vertical	Pass
5**	12474.500	44.10	54.0	9.90	AV	274.00	100	Vertical	Pass
6	16856.025	56.08	74.0	17.92	Peak	109.00	300	Vertical	Pass
6**	16856.025	46.03	54.0	7.97	AV	109.00	300	Vertical	Pass

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

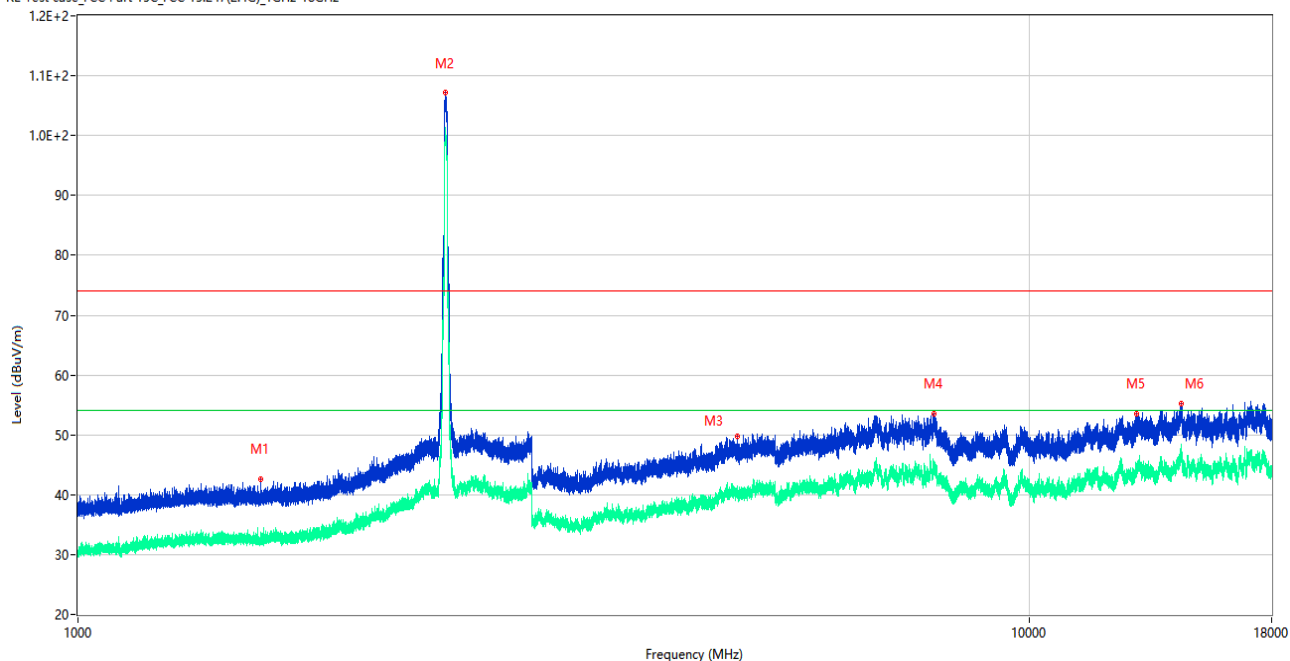
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.900	42.55	74.0	31.45	Peak	349.00	100	Horizontal	Pass
1**	1544.900	32.89	54.0	21.11	AV	349.00	100	Horizontal	Pass
2	2434.800	108.55	74.0	-34.55	Peak	0.00	100	Horizontal	N/A
2**	2434.800	101.12	54.0	-47.12	AV	0.00	100	Horizontal	N/A
3	4877.750	49.53	74.0	24.47	Peak	0.00	100	Horizontal	Pass
3**	4877.750	41.19	54.0	12.81	AV	0.00	100	Horizontal	Pass
4	7933.750	54.10	74.0	19.90	Peak	327.00	400	Horizontal	Pass
4**	7933.750	45.67	54.0	8.33	AV	327.00	400	Horizontal	Pass
5	12491.600	53.43	74.0	20.57	Peak	2.00	300	Horizontal	Pass
5**	12491.600	44.13	54.0	9.87	AV	2.00	300	Horizontal	Pass
6	17069.699	55.58	74.0	18.42	Peak	93.00	100	Horizontal	Pass
6**	17069.699	45.07	54.0	8.93	AV	93.00	100	Horizontal	Pass

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

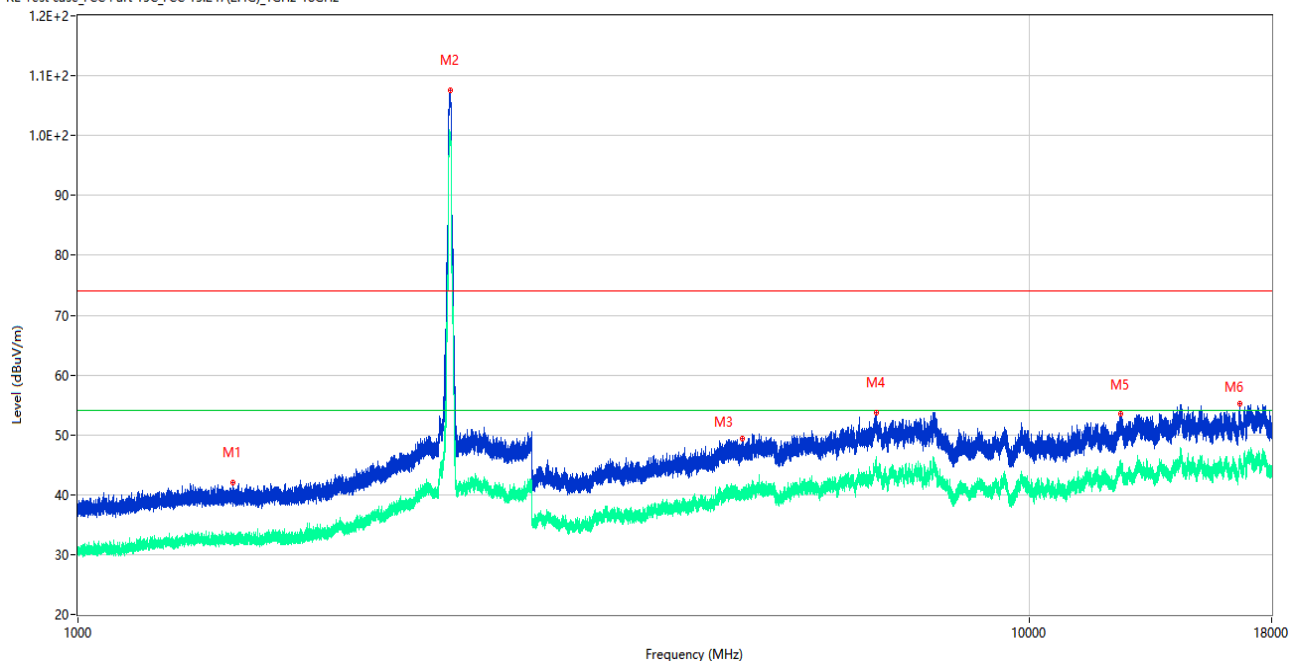
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.900	42.68	74.0	31.32	Peak	200.00	300	Vertical	Pass
1**	1557.900	32.22	54.0	21.78	AV	200.00	300	Vertical	Pass
2	2435.500	107.18	74.0	-33.18	Peak	39.00	200	Vertical	N/A
2**	2435.500	100.43	54.0	-46.43	AV	39.00	200	Vertical	N/A
3	4939.000	49.67	74.0	24.33	Peak	308.00	150	Vertical	Pass
3**	4939.000	40.91	54.0	13.09	AV	308.00	150	Vertical	Pass
4	7939.750	53.55	74.0	20.45	Peak	75.00	300	Vertical	Pass
4**	7939.750	44.79	54.0	9.21	AV	75.00	300	Vertical	Pass
5	12988.875	53.55	74.0	20.45	Peak	293.00	400	Vertical	Pass
5**	12988.875	43.37	54.0	10.63	AV	293.00	400	Vertical	Pass
6	14468.325	55.13	74.0	18.87	Peak	322.00	100	Vertical	Pass
6**	14468.325	45.42	54.0	8.58	AV	322.00	100	Vertical	Pass

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

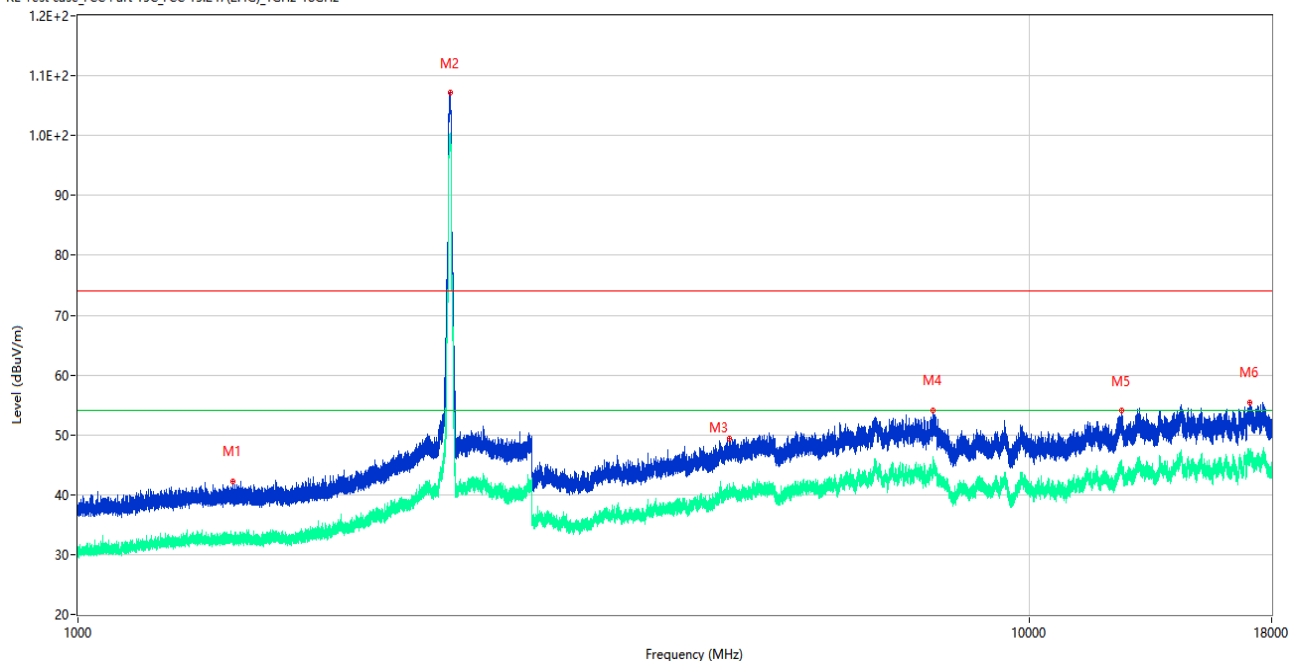
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.500	42.07	74.0	31.93	Peak	224.00	100	Horizontal	Pass
1**	1454.500	32.37	54.0	21.63	AV	224.00	100	Horizontal	Pass
2	2463.000	107.59	74.0	-33.59	Peak	0.00	100	Horizontal	N/A
2**	2463.000	100.57	54.0	-46.57	AV	0.00	100	Horizontal	N/A
3	4996.500	49.35	74.0	24.65	Peak	37.00	100	Horizontal	Pass
3**	4996.500	40.18	54.0	13.82	AV	37.00	100	Horizontal	Pass
4	6907.250	53.75	74.0	20.25	Peak	288.00	400	Horizontal	Pass
4**	6907.250	44.22	54.0	9.78	AV	288.00	400	Horizontal	Pass
5	12485.662	53.44	74.0	20.56	Peak	247.00	400	Horizontal	Pass
5**	12485.662	44.31	54.0	9.69	AV	247.00	400	Horizontal	Pass
6	16666.238	55.13	74.0	18.87	Peak	208.00	400	Horizontal	Pass
6**	16666.238	46.20	54.0	7.80	AV	208.00	400	Horizontal	Pass

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

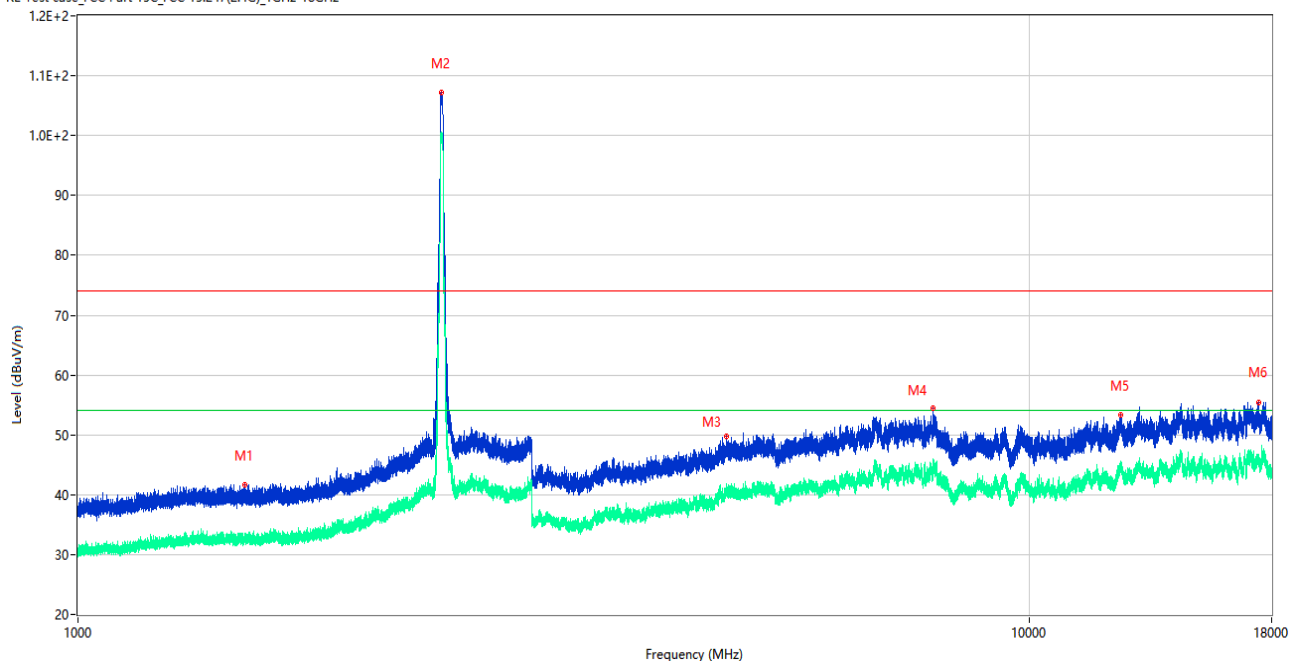
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1454.500	42.27	74.0	31.73	Peak	4.00	100	Vertical	Pass
1**	1454.500	32.23	54.0	21.77	AV	4.00	100	Vertical	Pass
2	2464.000	107.16	74.0	-33.16	Peak	30.00	100	Vertical	N/A
2**	2464.000	99.82	54.0	-45.82	AV	30.00	100	Vertical	N/A
3	4838.000	49.33	74.0	24.67	Peak	34.00	200	Vertical	Pass
3**	4838.000	40.47	54.0	13.53	AV	34.00	200	Vertical	Pass
4	7931.000	54.12	74.0	19.88	Peak	169.00	300	Vertical	Pass
4**	7931.000	45.89	54.0	8.11	AV	169.00	300	Vertical	Pass
5	12507.513	54.03	74.0	19.97	Peak	45.00	400	Vertical	Pass
5**	12507.513	43.99	54.0	10.01	AV	45.00	400	Vertical	Pass
6	17085.712	55.42	74.0	18.58	Peak	101.00	300	Vertical	Pass
6**	17085.712	45.70	54.0	8.30	AV	101.00	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	1497.100	41.64	74.0	32.36	Peak	195.00	300	Horizontal	Pass
1**	1497.100	32.91	54.0	21.09	AV	195.00	300	Horizontal	Pass
2	2411.100	107.17	74.0	-33.17	Peak	339.00	150	Horizontal	N/A
2**	2411.100	99.99	54.0	-45.99	AV	339.00	150	Horizontal	N/A
3	4813.250	49.73	74.0	24.27	Peak	266.00	150	Horizontal	Pass
3**	4813.250	40.22	54.0	13.78	AV	266.00	150	Horizontal	Pass
4	7934.000	54.44	74.0	19.56	Peak	360.00	200	Horizontal	Pass
4**	7934.000	45.51	54.0	8.49	AV	360.00	200	Horizontal	Pass
5	12492.550	53.25	74.0	20.75	Peak	311.00	200	Horizontal	Pass
5**	12492.550	44.22	54.0	9.78	AV	311.00	200	Horizontal	Pass
6	17453.214	55.46	74.0	18.54	Peak	273.00	300	Horizontal	Pass
6**	17453.214	45.63	54.0	8.37	AV	273.00	300	Horizontal	Pass