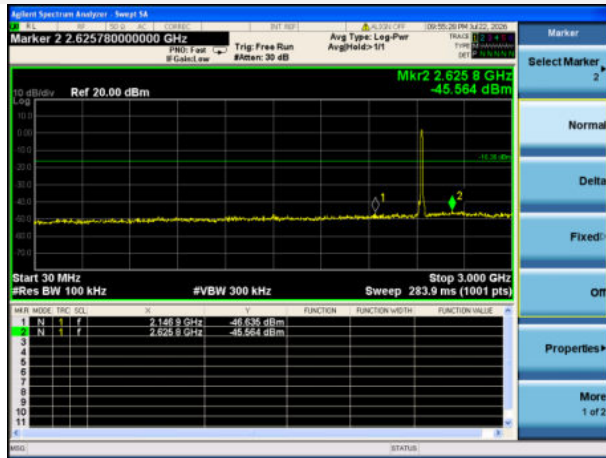
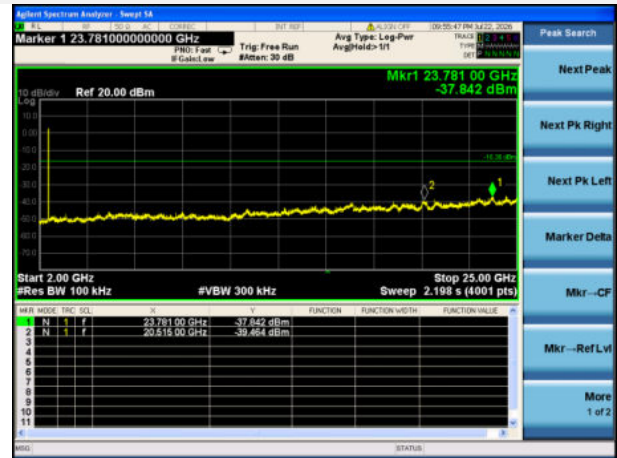


802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



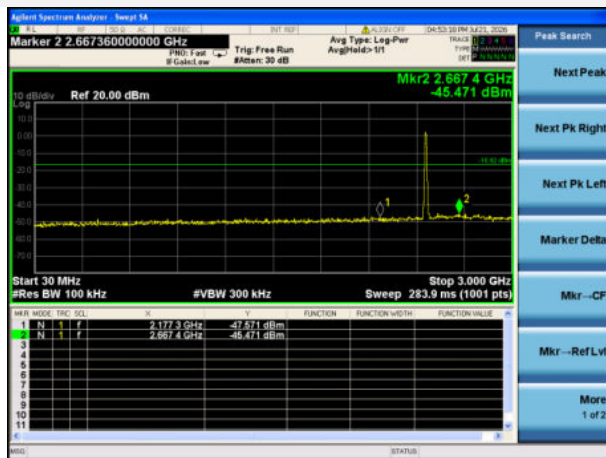
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



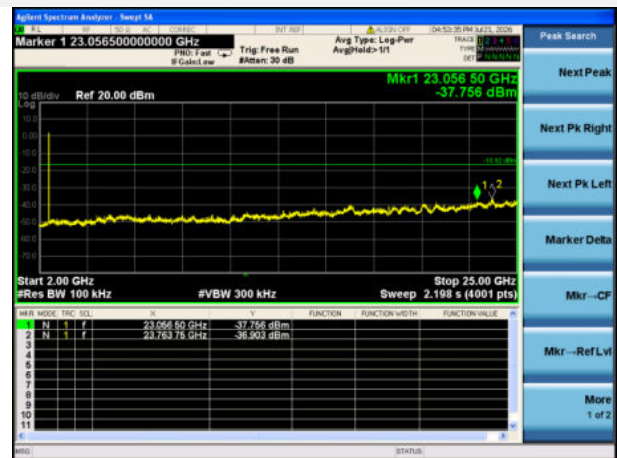
802.11b HIGH CHANNEL CARRIER LEVEL



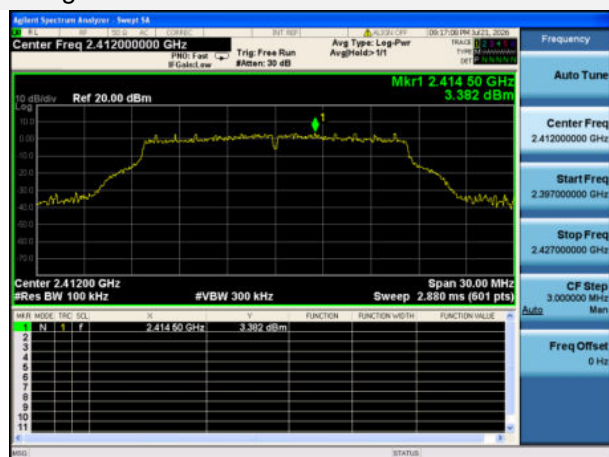
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



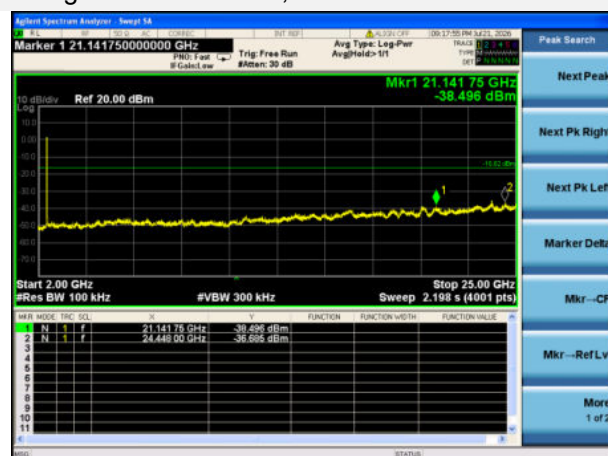
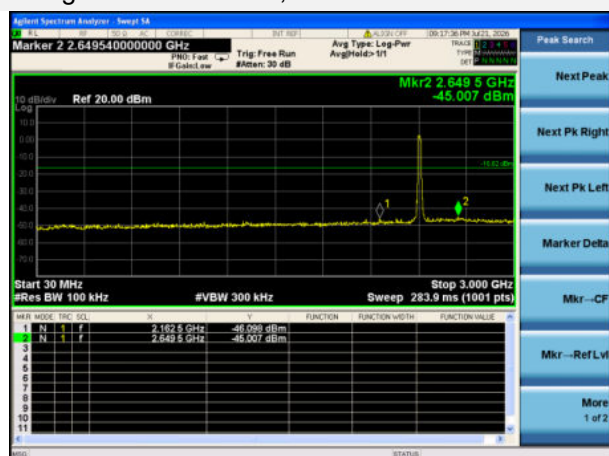
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



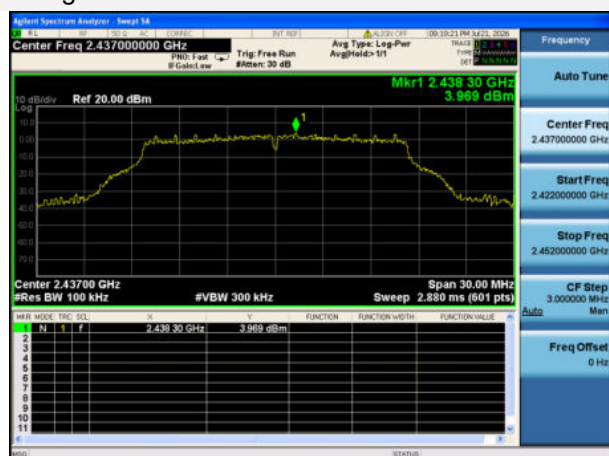
802.11g LOW CHANNEL CARRIER LEVEL



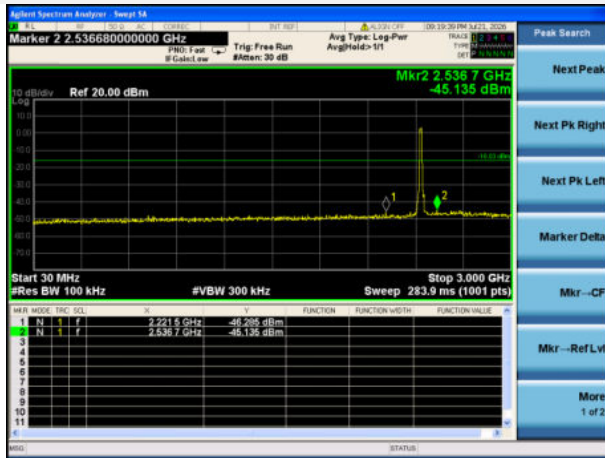
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz 802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



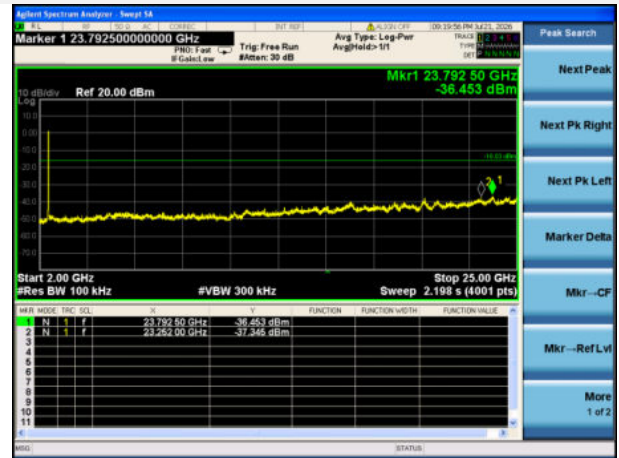
802.11g MIDDLE CHANNEL CARRIER LEVEL



802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



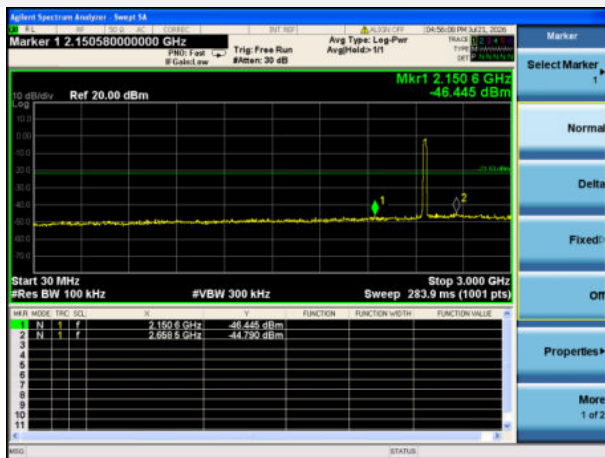
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



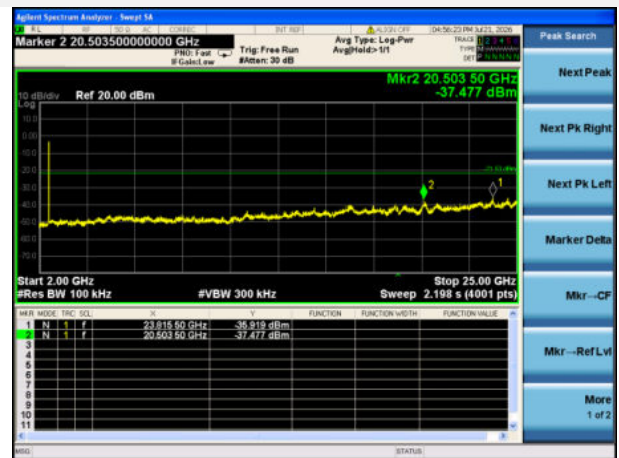
802.11g HIGH CHANNEL CARRIER LEVEL



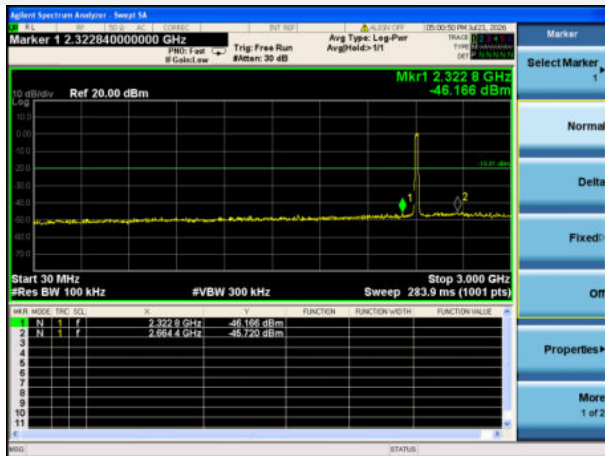
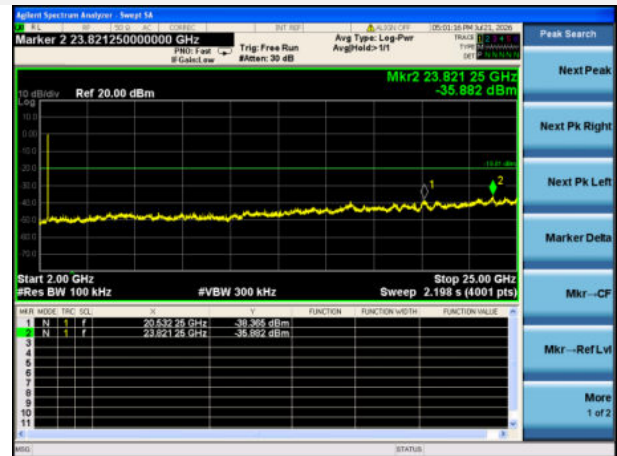
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



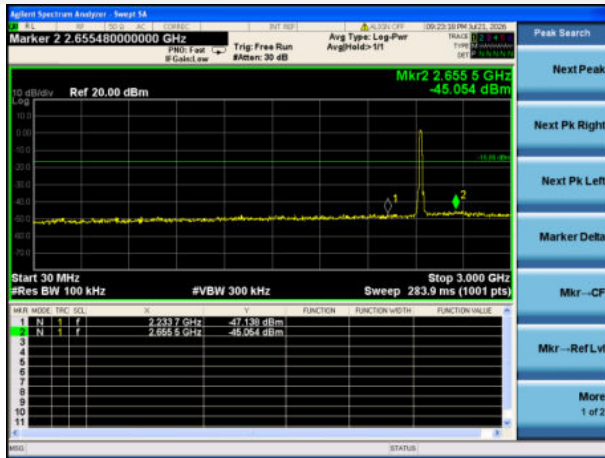
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

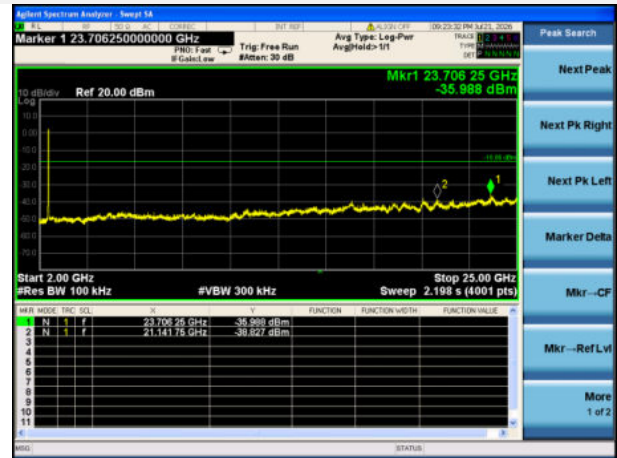
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



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



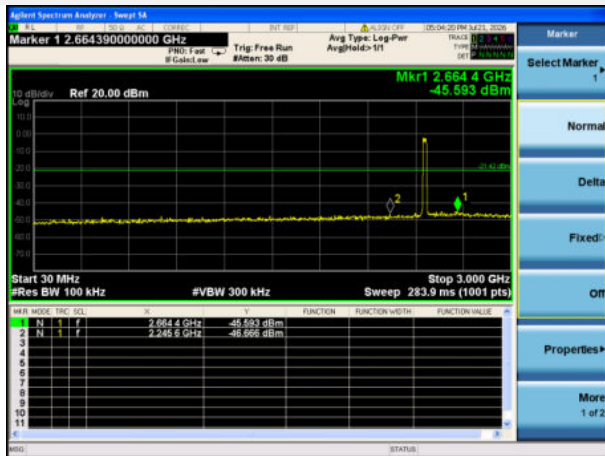
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



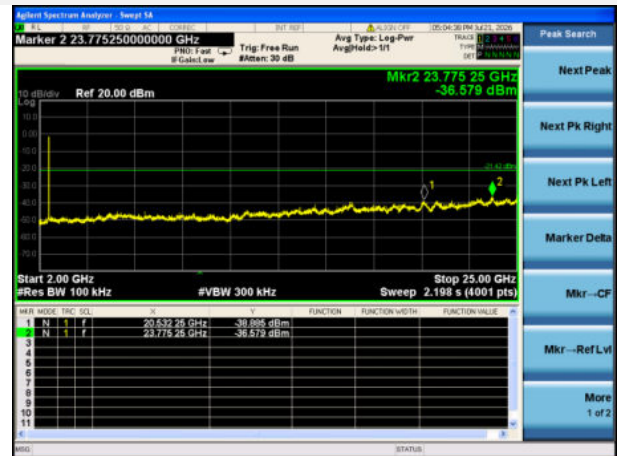
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



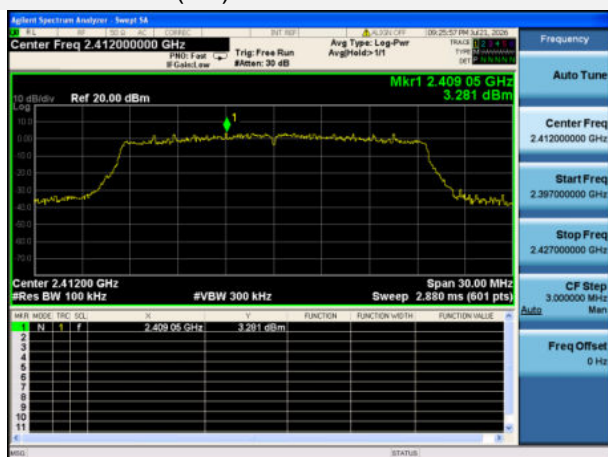
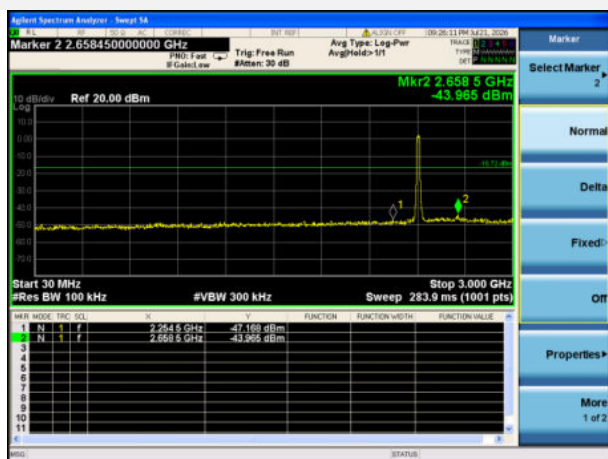
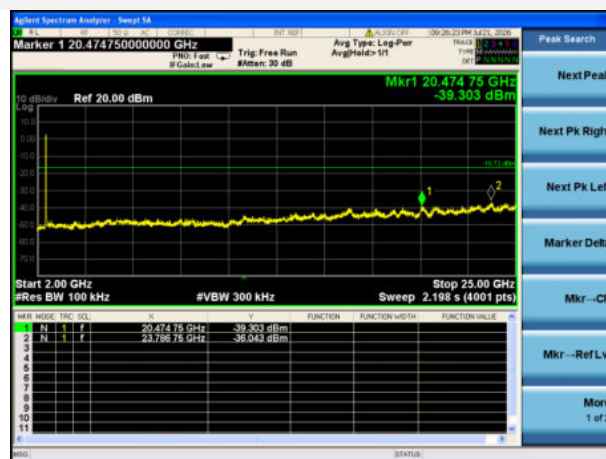
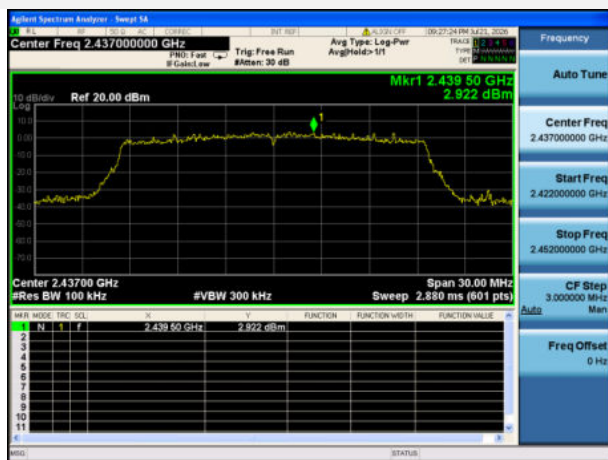
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



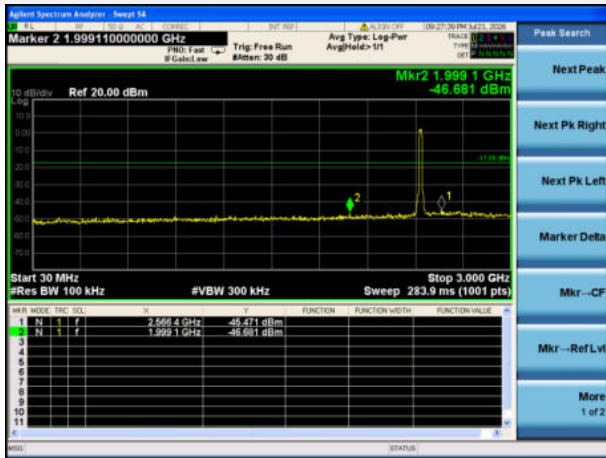
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



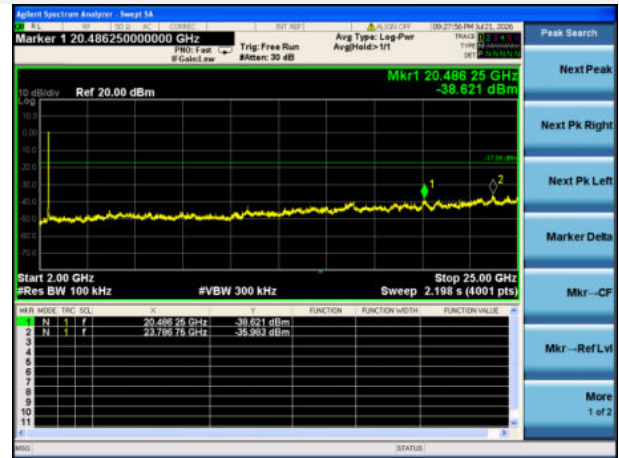
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

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



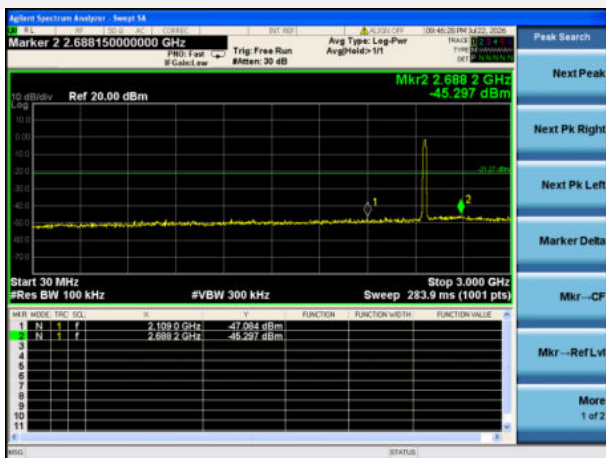
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



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



802.11ax-20 MHz(SU) 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 the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

ANT1

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.81	5.01	-14.99	Pass
High Channel	-45.96	4.03	-15.97	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.67	4.19	-15.81	Pass
High Channel	-47.75	-0.37	-20.37	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.02	2.21	-17.79	Pass
High Channel	-46.75	0.14	-19.86	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.61	3.46	-16.54	Pass
High Channel	-46.75	-0.04	-20.04	Pass

ANT2**802.11b Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.37	3.48	-16.52	Pass
High Channel	-46.28	3.08	-16.92	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-32.14	3.38	-16.62	Pass
High Channel	-46.55	-1.53	-21.53	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.48	0.19	-19.81	Pass
High Channel	-46.33	-1.42	-21.42	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.05	3.28	-16.72	Pass
High Channel	-46.96	-1.27	-21.27	Pass

Test Plots

ANT1

802.11b LOW CHANNEL, CARRIER LEVEL



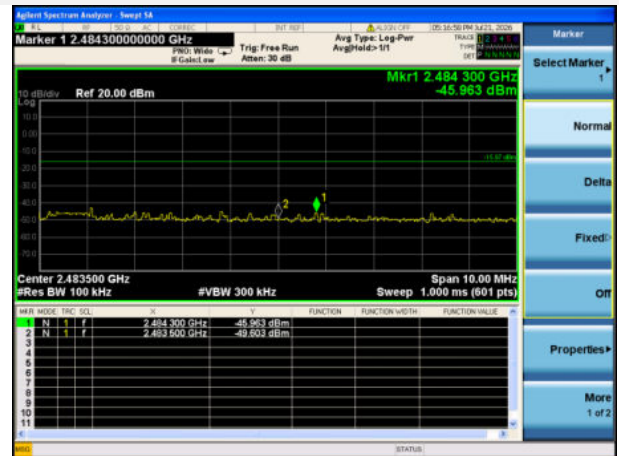
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



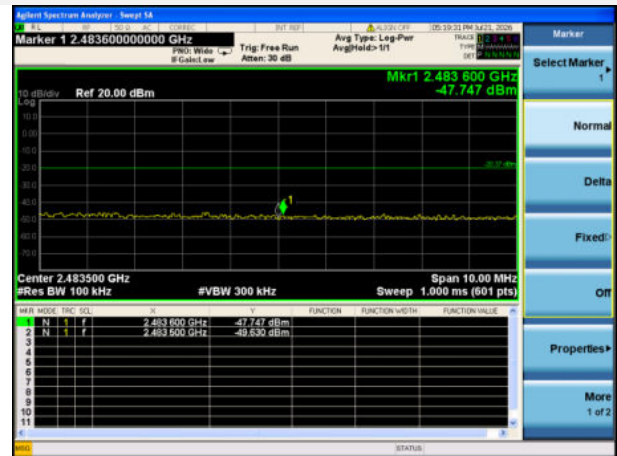
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



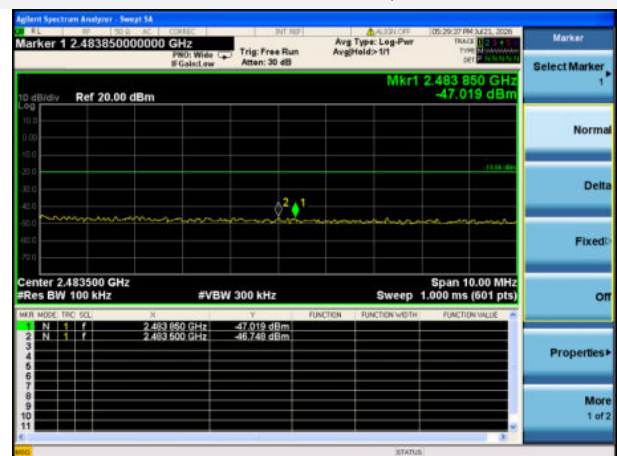
802.11n-20 MHz LOW CHANNEL, BAND EDGE



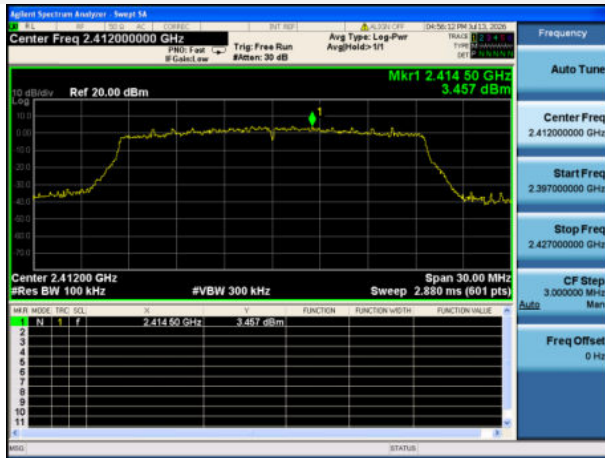
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



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



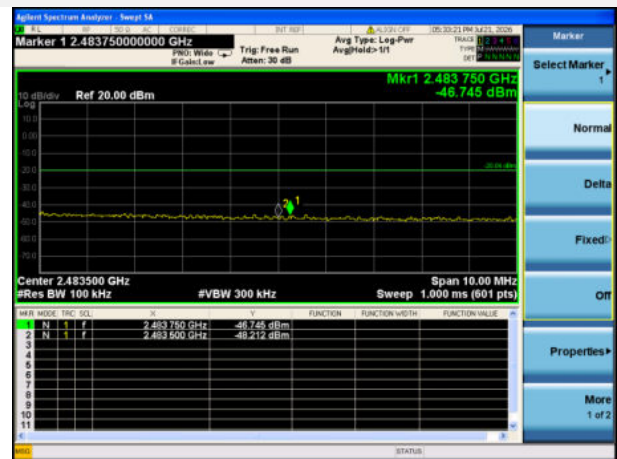
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



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



802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



ANT2

802.11b LOW CHANNEL, CARRIER LEVEL



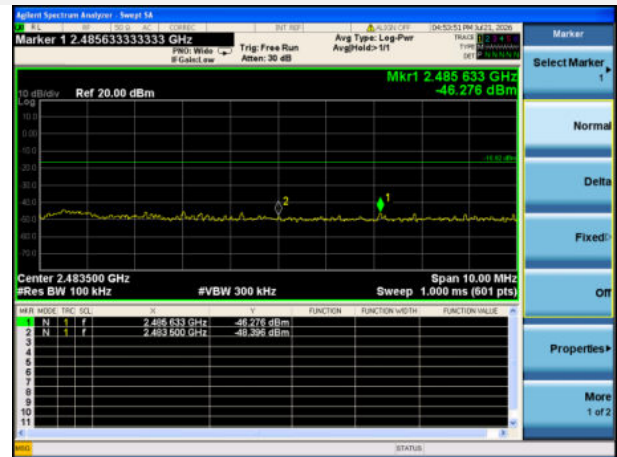
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



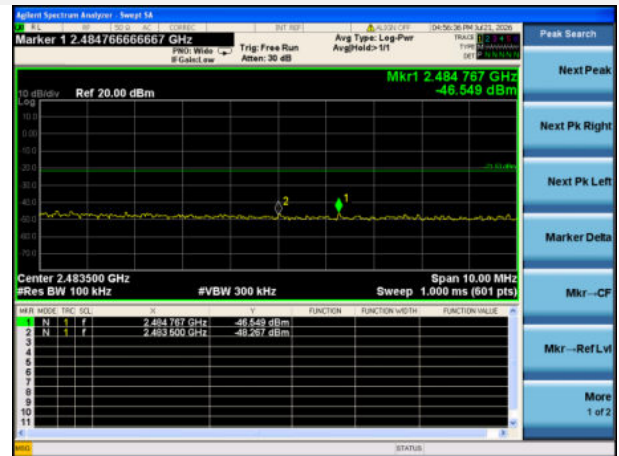
802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



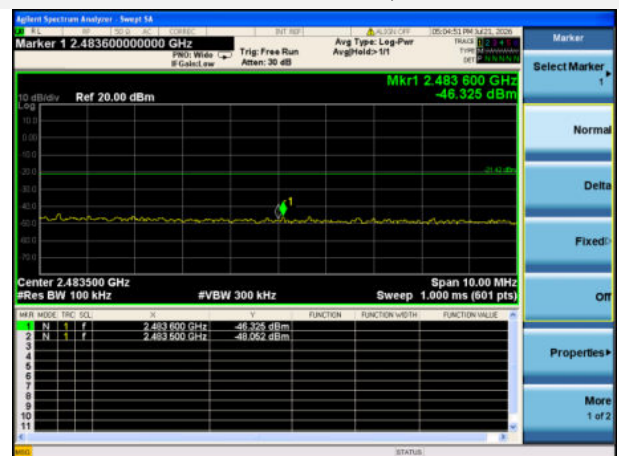
802.11n-20 MHz LOW CHANNEL, BAND EDGE



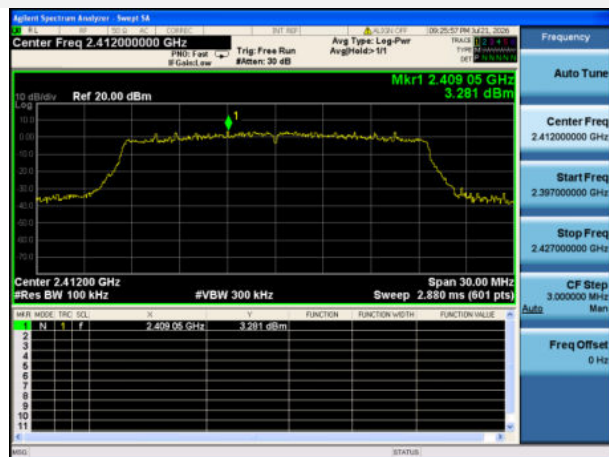
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



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



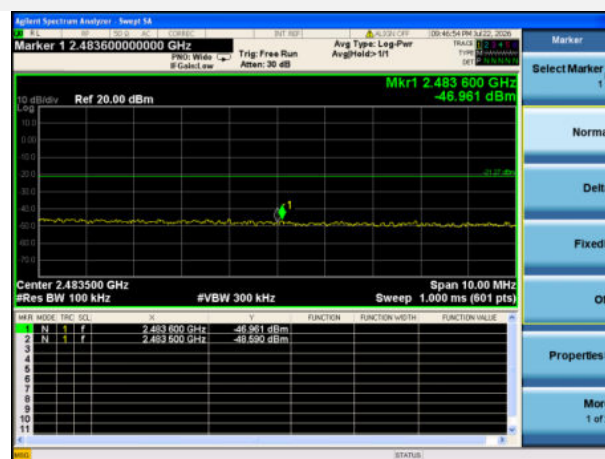
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



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



802.11ax-20 MHz(SU) 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.

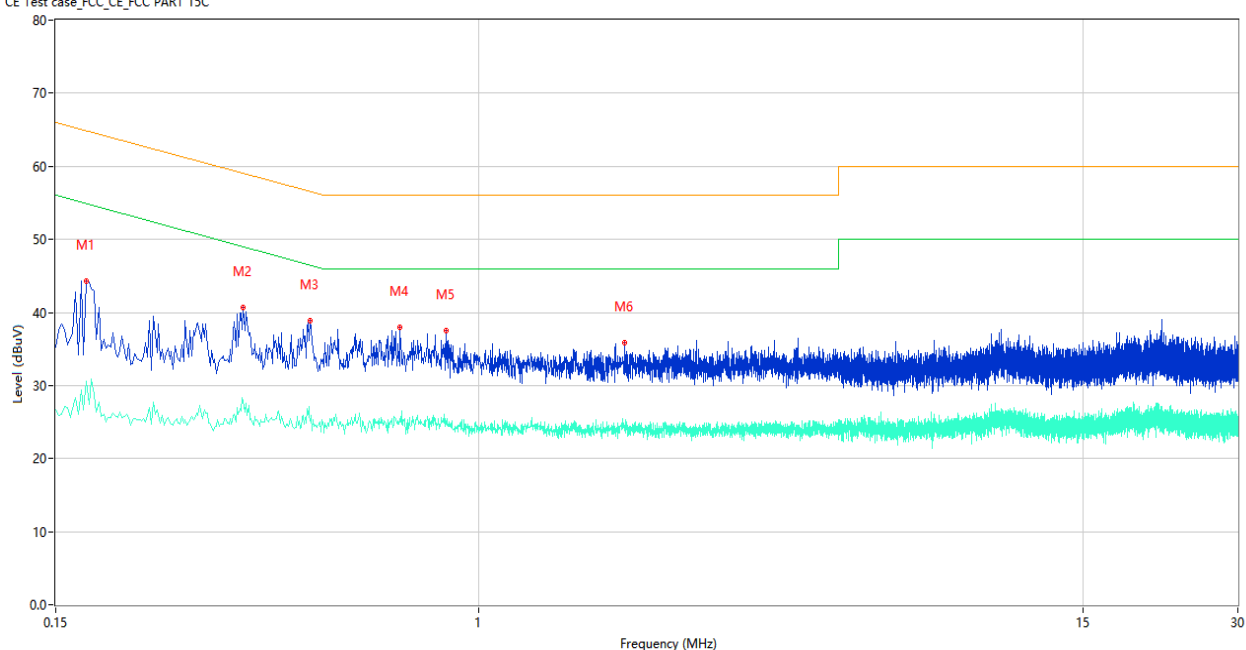
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

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

Test Data and Plots

PHASE L

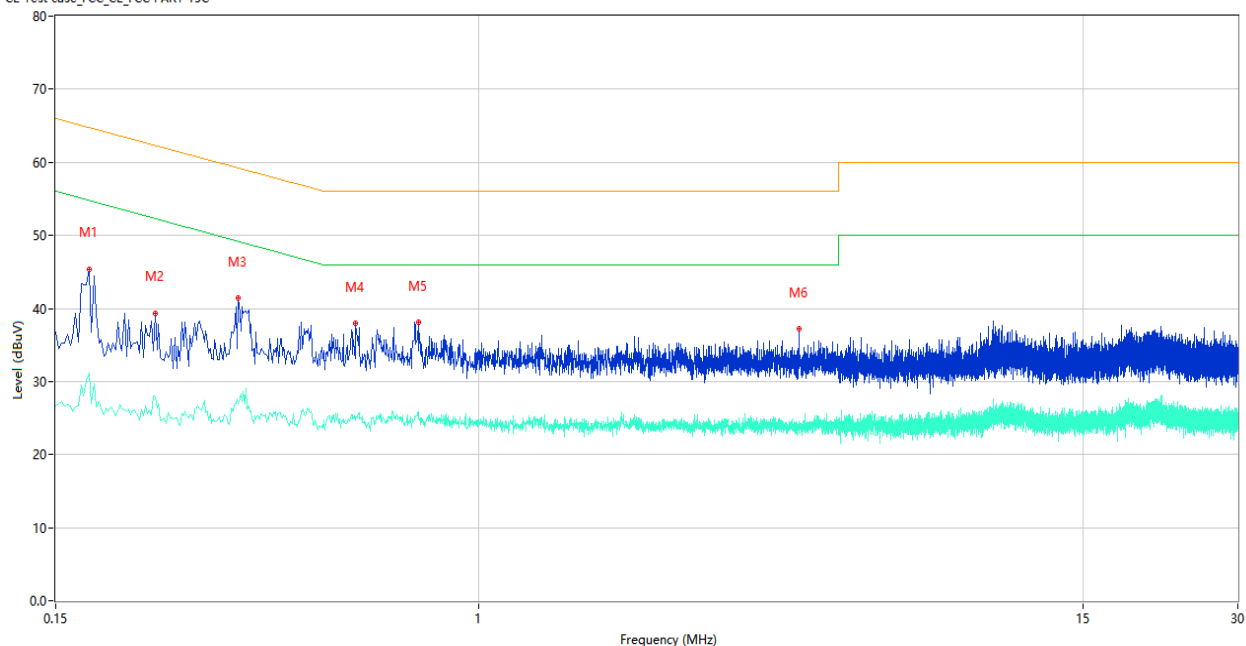
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.172	44.28	9.76	64.86	20.58	Peak	L	Pass
1**	0.172	30.63	9.76	54.86	24.23	AV	L	Pass
2	0.348	40.62	10.70	59.01	18.39	Peak	L	Pass
2**	0.348	27.82	10.70	49.01	21.19	AV	L	Pass
3	0.470	38.80	9.99	56.51	17.71	Peak	L	Pass
3**	0.470	25.19	9.99	46.51	21.32	AV	L	Pass
4	0.702	37.95	10.60	56.00	18.05	Peak	L	Pass
4**	0.702	24.99	10.60	46.00	21.01	AV	L	Pass
5	0.864	37.49	10.47	56.00	18.51	Peak	L	Pass
5**	0.864	24.79	10.47	46.00	21.21	AV	L	Pass
6	1.920	35.81	10.48	56.00	20.19	Peak	L	Pass
6**	1.920	24.41	10.48	46.00	21.59	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	0.174	45.40	9.76	64.77	19.37	Peak	N	Pass
1**	0.174	31.22	9.76	54.77	23.55	AV	N	Pass
2	0.234	39.39	9.75	62.31	22.92	Peak	N	Pass
2**	0.234	27.91	9.75	52.31	24.40	AV	N	Pass
3	0.340	41.39	10.54	59.20	17.81	Peak	N	Pass
3**	0.340	26.94	10.54	49.20	22.26	AV	N	Pass
4	0.576	37.94	10.08	56.00	18.06	Peak	N	Pass
4**	0.576	25.12	10.08	46.00	20.88	AV	N	Pass
5	0.762	38.12	10.25	56.00	17.88	Peak	N	Pass
5**	0.762	25.98	10.25	46.00	20.02	AV	N	Pass
6	4.190	37.21	10.09	56.00	18.79	Peak	N	Pass
6**	4.190	24.32	10.09	46.00	21.68	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.

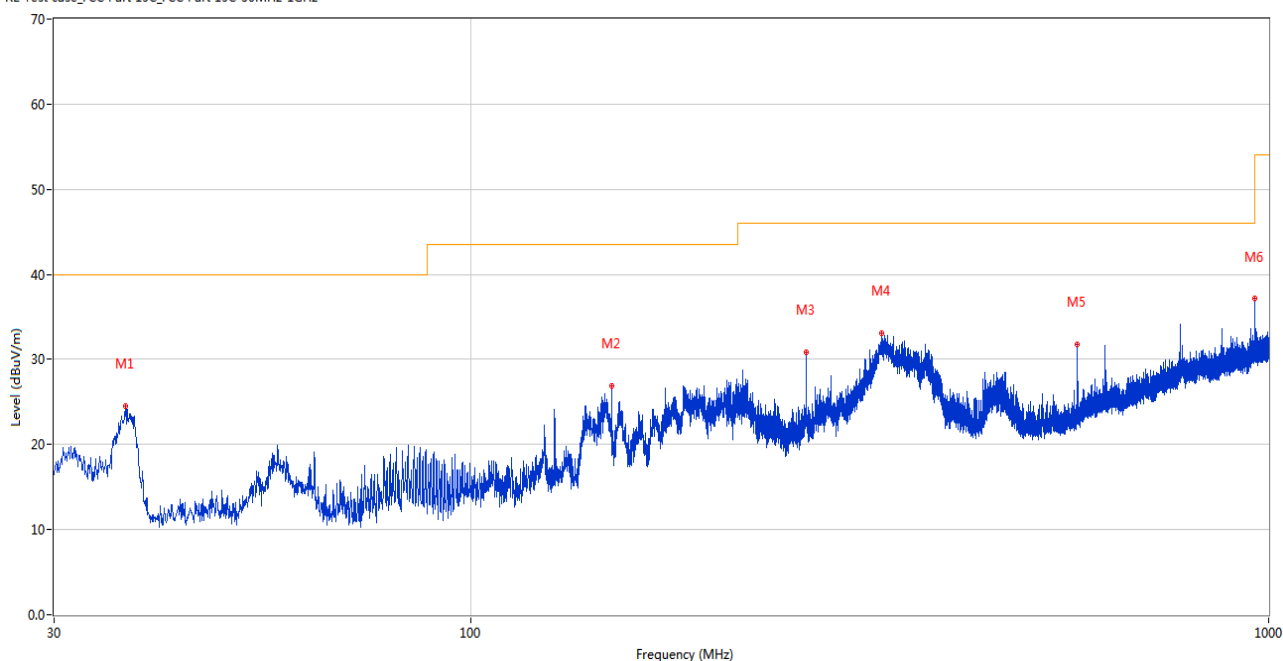
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

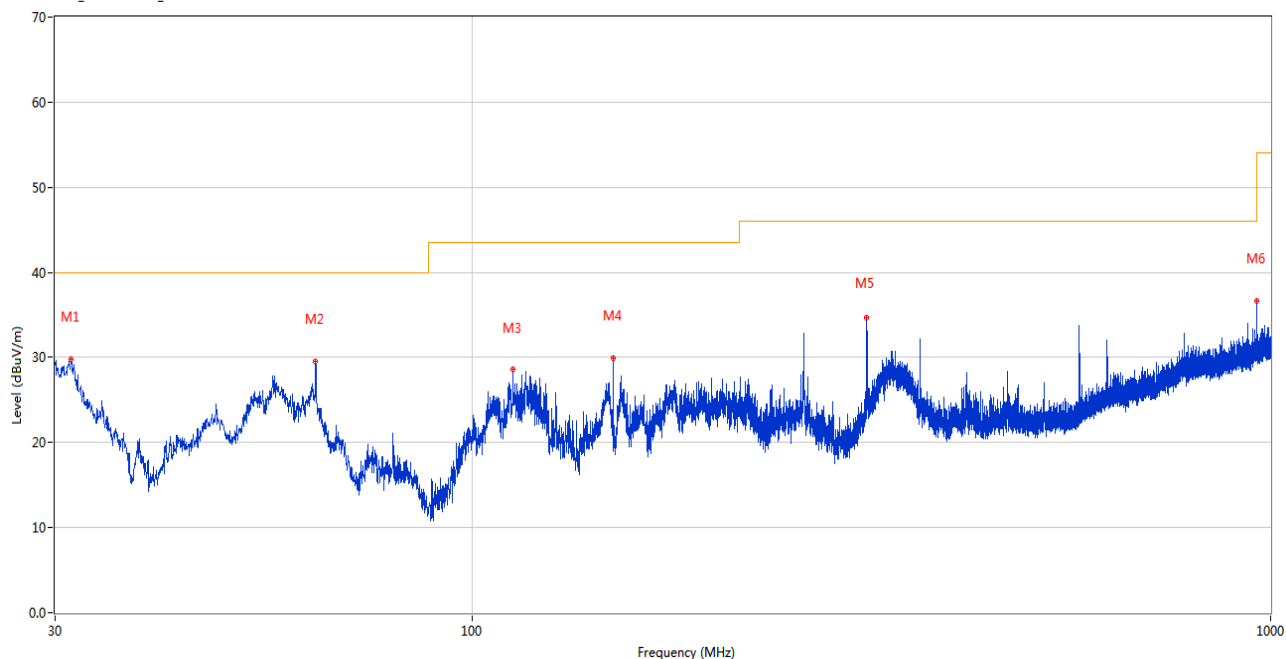
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.839	24.49	-26.02	40.0	15.51	Peak	73.00	100	Horizontal	Pass
2	149.989	26.95	-23.61	43.5	16.55	Peak	159.00	100	Horizontal	Pass
3	263.139	30.81	-23.79	46.0	15.19	Peak	25.00	100	Horizontal	Pass
4	327.596	33.10	-21.24	46.0	12.90	Peak	296.00	100	Horizontal	Pass
5	576.013	31.82	-14.28	46.0	14.18	Peak	310.00	200	Horizontal	Pass
6	959.987	37.11	-6.82	46.0	8.89	Peak	199.00	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	31.407	29.75	-26.80	40.0	10.25	Peak	356.00	100	Vertical	Pass
2	63.611	29.51	-26.11	40.0	10.49	Peak	226.00	100	Vertical	Pass
3	112.353	28.55	-27.46	43.5	14.95	Peak	103.00	100	Vertical	Pass
4	149.989	29.92	-23.61	43.5	13.58	Peak	111.00	100	Vertical	Pass
5	311.979	34.64	-21.76	46.0	11.36	Peak	186.00	200	Vertical	Pass
6	960.036	36.67	-6.81	54.0	17.33	Peak	303.00	200	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.

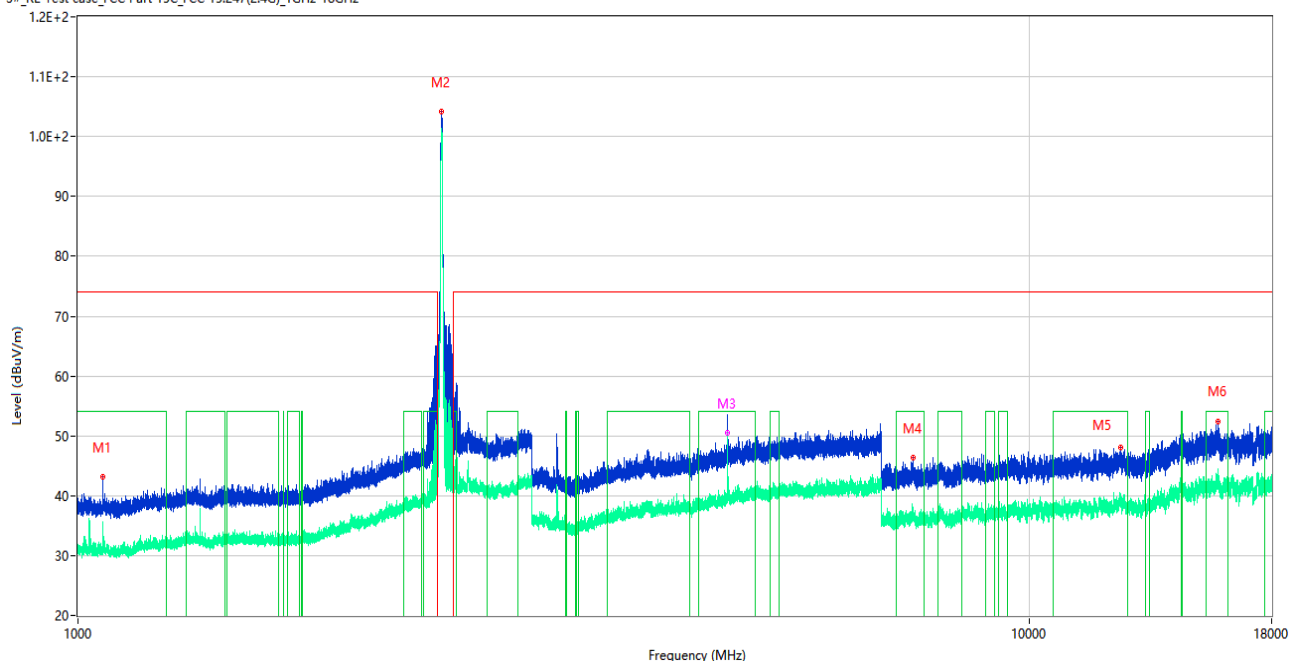
Note³: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note⁴: All antenna were pre tested, but only the worst case has been reported in this report.

ANT1

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

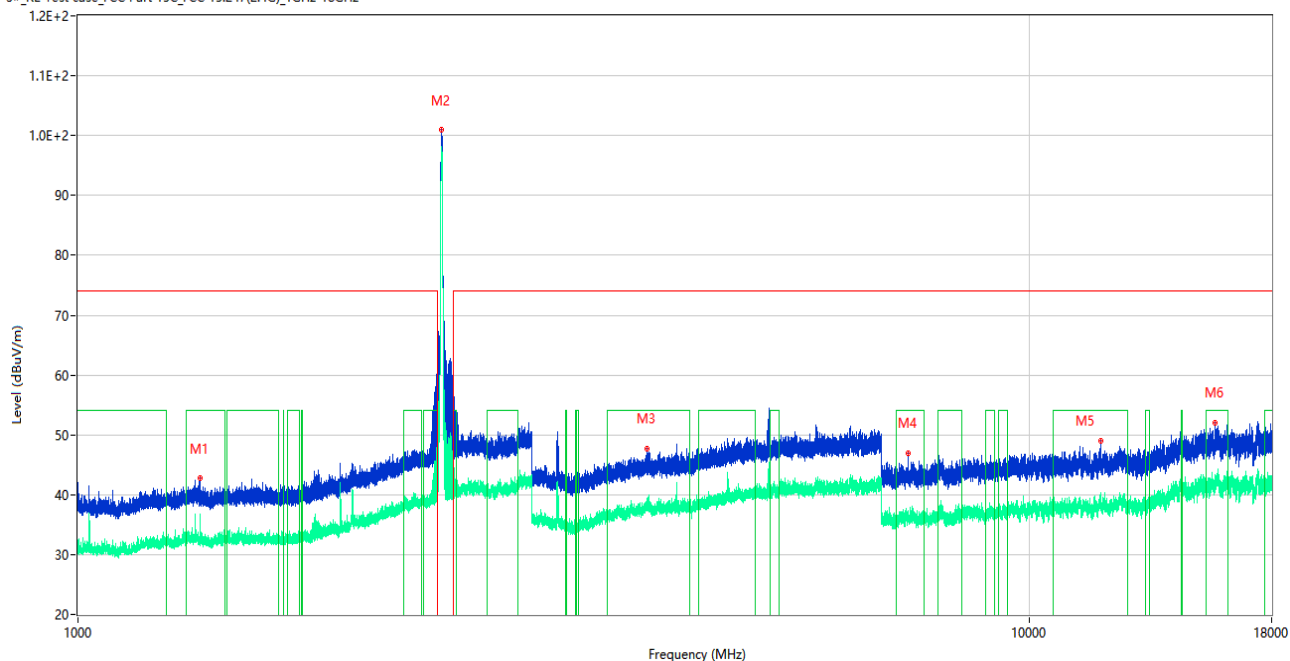
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.300	43.13	74.0	30.87	Peak	132.00	100	Horizontal	Pass
1**	1062.300	34.43	54.0	19.57	AV	132.00	100	Horizontal	Pass
2	2413.100	104.10	--	--	Peak	64.00	200	Horizontal	N/A
2**	2413.100	101.32	--	--	AV	64.00	200	Horizontal	N/A
3	4824.200	52.88	74.0	21.12	Peak	75.00	150	Horizontal	Pass
3**	4824.200	50.45	54.0	3.55	AV	75.00	150	Horizontal	Pass
4	7551.712	46.30	74.0	27.70	Peak	38.00	300	Horizontal	Pass
4**	7551.712	36.88	54.0	17.12	AV	38.00	300	Horizontal	Pass
5	12495.275	48.06	74.0	25.94	Peak	312.00	100	Horizontal	Pass
5**	12495.275	39.30	54.0	14.70	AV	312.00	100	Horizontal	Pass
6	15801.037	52.45	74.0	21.55	Peak	132.00	150	Horizontal	Pass
6**	15801.037	43.57	54.0	10.43	AV	132.00	150	Horizontal	Pass

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

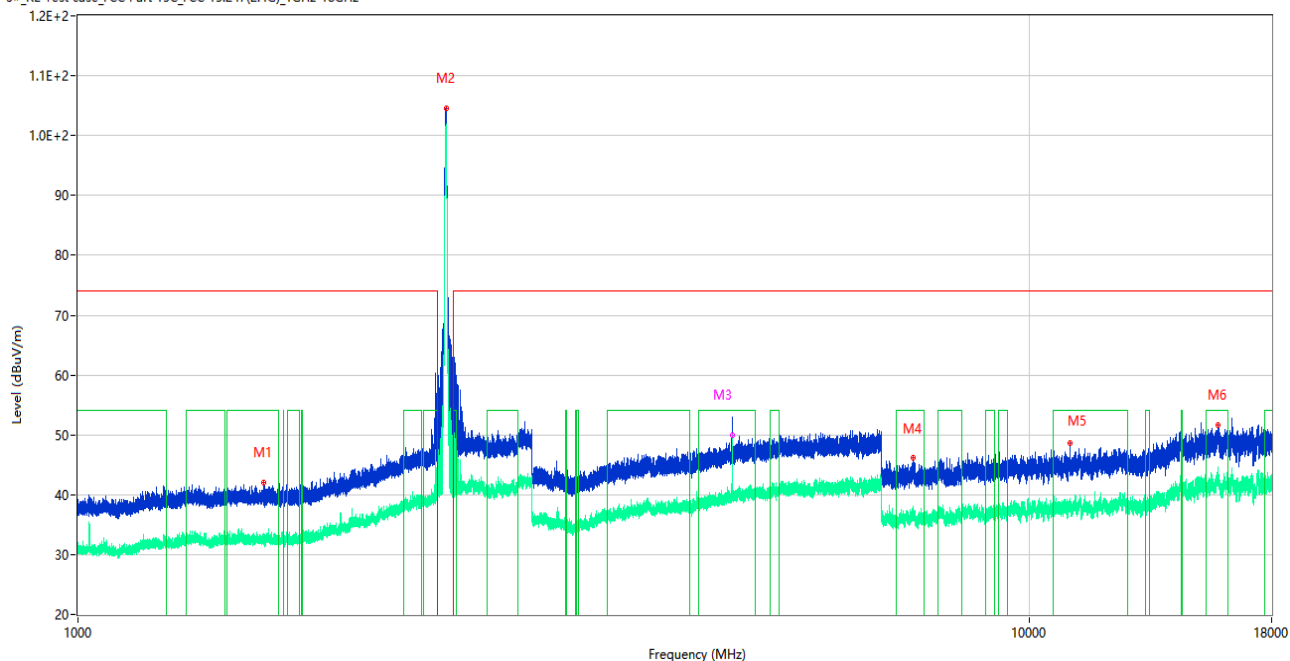
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.100	42.74	74.0	31.26	Peak	213.00	200	Vertical	Pass
1**	1344.100	35.68	54.0	18.32	AV	213.00	200	Vertical	Pass
2	2413.100	100.89	--	--	Peak	194.00	100	Vertical	N/A
2**	2413.100	98.06	--	--	AV	194.00	100	Vertical	N/A
3	3966.600	47.60	74.0	26.40	Peak	260.00	150	Vertical	Pass
3**	3966.600	38.15	54.0	15.85	AV	260.00	150	Vertical	Pass
4	7457.700	46.93	74.0	27.07	Peak	124.00	100	Vertical	Pass
4**	7457.700	35.38	54.0	18.62	AV	124.00	100	Vertical	Pass
5	11890.950	48.99	74.0	25.01	Peak	124.00	150	Vertical	Pass
5**	11890.950	39.19	54.0	14.81	AV	124.00	150	Vertical	Pass
6	15711.000	52.11	74.0	21.89	Peak	16.00	100	Vertical	Pass
6**	15711.000	40.64	54.0	13.36	AV	16.00	100	Vertical	Pass

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

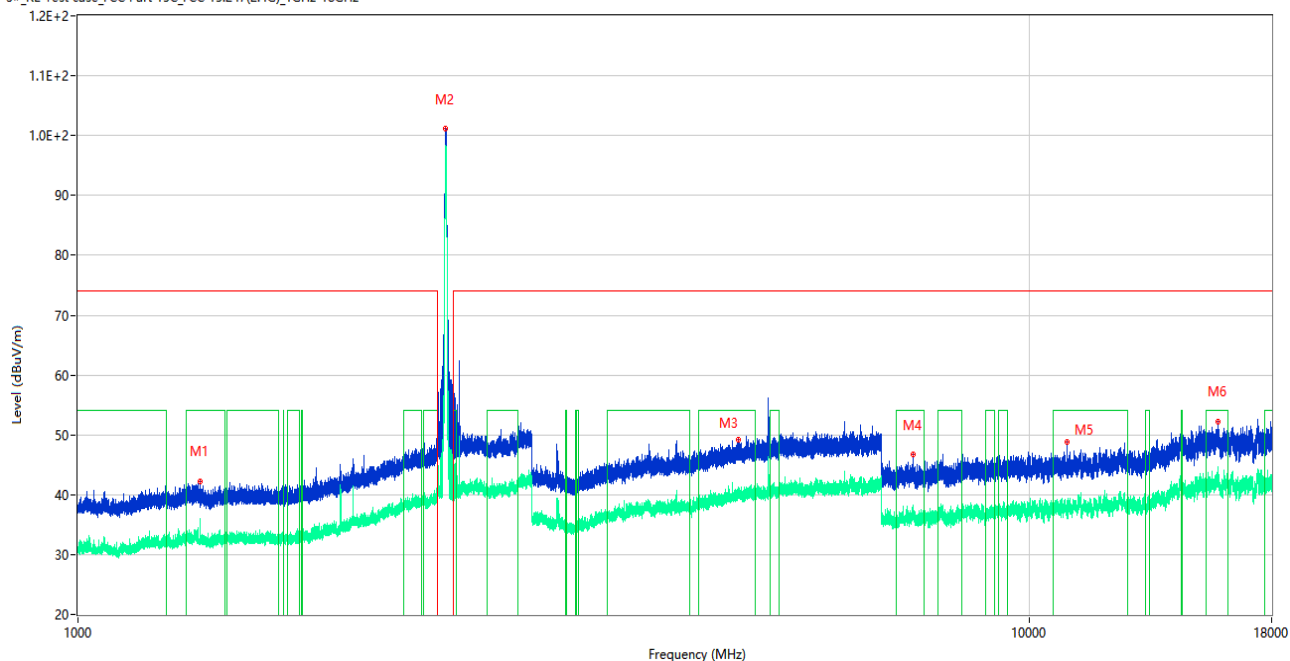
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1566.500	42.08	74.0	31.92	Peak	257.00	200	Horizontal	Pass
1**	1566.500	32.48	54.0	21.52	AV	257.00	200	Horizontal	Pass
2	2438.100	104.65	--	--	Peak	44.00	100	Horizontal	N/A
2**	2438.100	101.82	--	--	AV	44.00	100	Horizontal	N/A
3	4874.200	52.00	74.0	22.00	Peak	208.00	150	Horizontal	Pass
3**	4874.200	49.96	54.0	4.04	AV	208.00	150	Horizontal	Pass
4	7547.400	46.12	74.0	27.88	Peak	190.00	300	Horizontal	Pass
4**	7547.400	36.91	54.0	17.09	AV	190.00	300	Horizontal	Pass
5	11043.687	48.61	74.0	25.39	Peak	241.00	100	Horizontal	Pass
5**	11043.687	38.44	54.0	15.56	AV	241.00	100	Horizontal	Pass
6	15800.776	51.72	74.0	22.28	Peak	169.00	150	Horizontal	Pass
6**	15800.776	43.47	54.0	10.53	AV	169.00	150	Horizontal	Pass

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

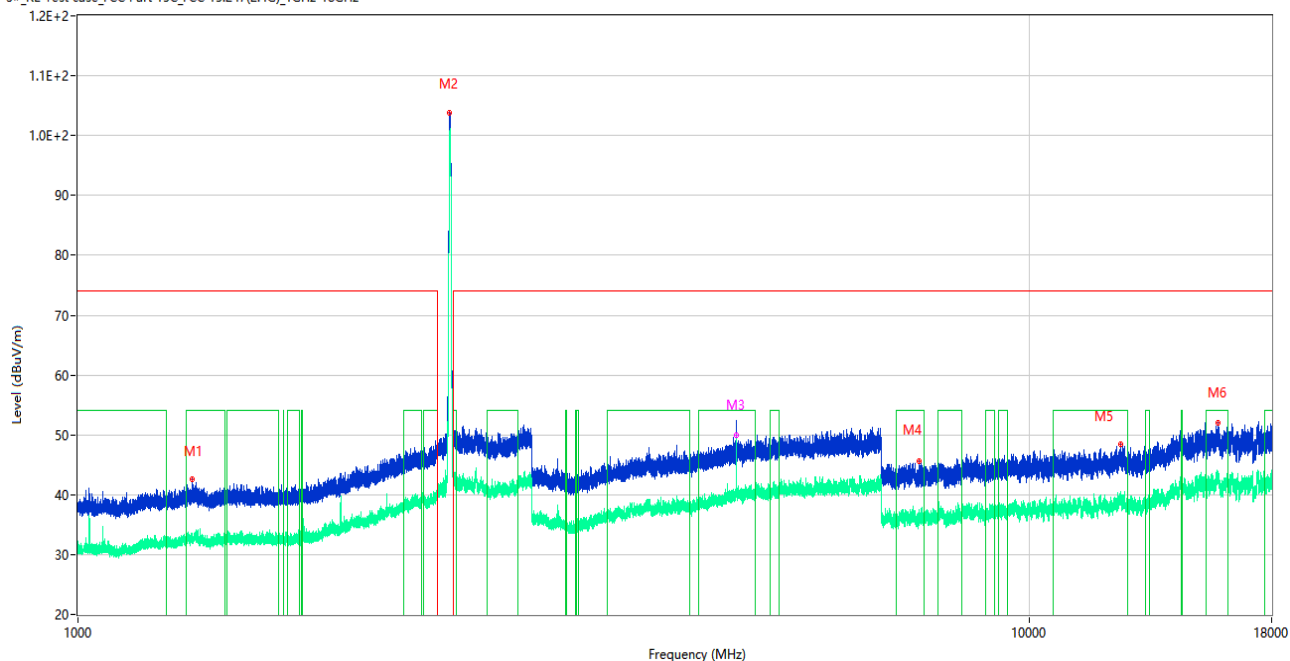
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.000	42.21	74.0	31.79	Peak	205.00	400	Vertical	Pass
1**	1344.000	35.60	54.0	18.40	AV	205.00	400	Vertical	Pass
2	2437.000	101.11	--	--	Peak	322.00	100	Vertical	N/A
2**	2437.000	97.28	--	--	AV	322.00	100	Vertical	N/A
3	4946.600	49.12	74.0	24.88	Peak	0.00	200	Vertical	Pass
3**	4946.600	40.08	54.0	13.92	AV	0.00	200	Vertical	Pass
4	7554.588	46.69	74.0	27.31	Peak	89.00	400	Vertical	Pass
4**	7554.588	36.73	54.0	17.27	AV	89.00	400	Vertical	Pass
5	10957.150	48.82	74.0	25.18	Peak	192.00	100	Vertical	Pass
5**	10957.150	38.04	54.0	15.96	AV	192.00	100	Vertical	Pass
6	15807.075	52.21	74.0	21.79	Peak	281.00	300	Vertical	Pass
6**	15807.075	43.23	54.0	10.77	AV	281.00	300	Vertical	Pass

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

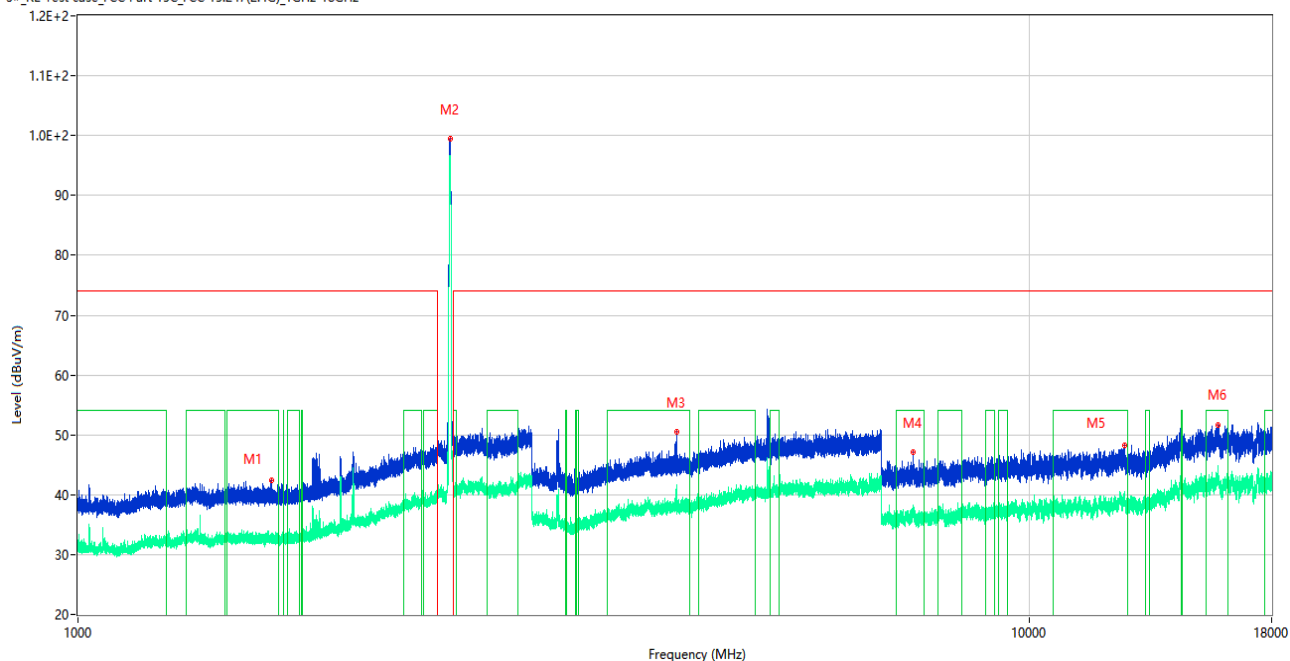
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1318.800	42.58	74.0	31.42	Peak	137.00	100	Horizontal	Pass
1**	1318.800	32.18	54.0	21.82	AV	137.00	100	Horizontal	Pass
2	2460.900	103.77	--	--	Peak	64.00	200	Horizontal	N/A
2**	2460.900	100.85	--	--	AV	64.00	200	Horizontal	N/A
3	4924.200	51.59	74.0	22.41	Peak	221.00	150	Horizontal	Pass
3**	4924.200	49.94	54.0	4.06	AV	221.00	150	Horizontal	Pass
4	7673.325	45.60	74.0	28.40	Peak	159.00	400	Horizontal	Pass
4**	7673.325	36.33	54.0	17.67	AV	159.00	400	Horizontal	Pass
5	12486.651	48.36	74.0	25.64	Peak	175.00	200	Horizontal	Pass
5**	12486.651	39.05	54.0	14.95	AV	175.00	200	Horizontal	Pass
6	15806.026	52.04	74.0	21.96	Peak	17.00	300	Horizontal	Pass
6**	15806.026	43.47	54.0	10.53	AV	17.00	300	Horizontal	Pass

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

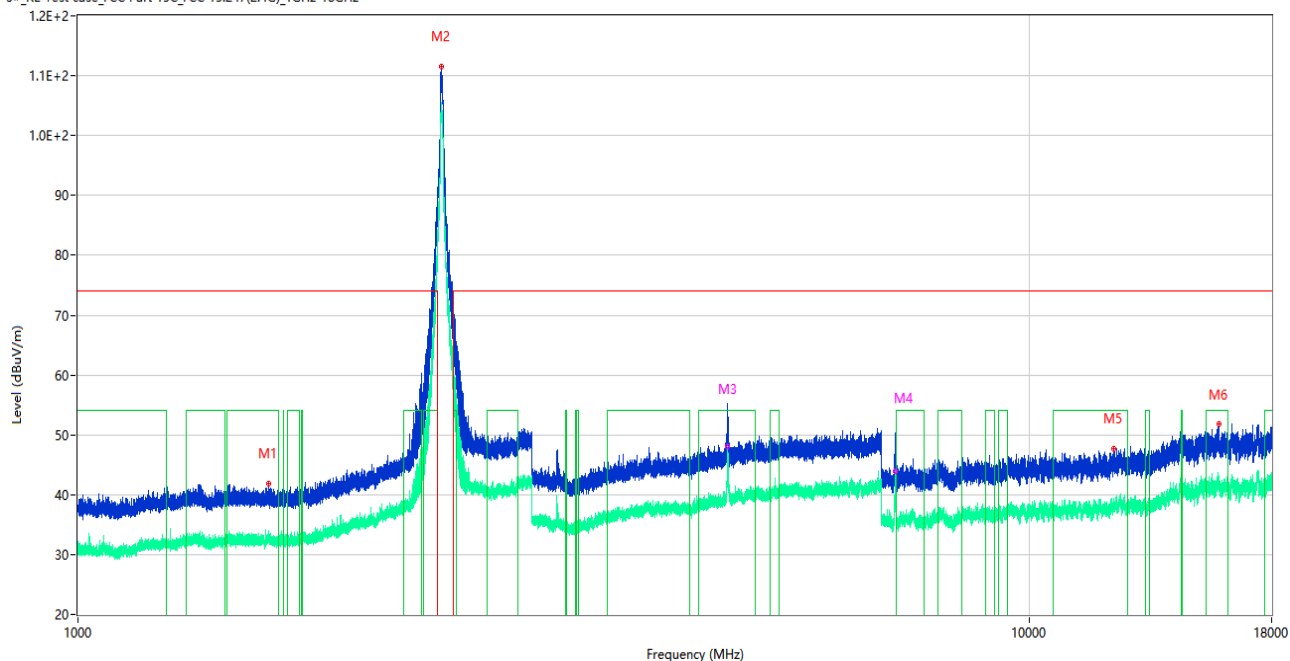
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.500	42.40	74.0	31.60	Peak	47.00	100	Vertical	Pass
1**	1599.500	32.14	54.0	21.86	AV	47.00	100	Vertical	Pass
2	2462.000	99.40	--	--	Peak	196.00	150	Vertical	N/A
2**	2462.000	95.60	--	--	AV	196.00	150	Vertical	N/A
3	4258.400	50.55	74.0	23.45	Peak	121.00	150	Vertical	Pass
3**	4258.400	39.39	54.0	14.61	AV	121.00	150	Vertical	Pass
4	7548.263	47.05	74.0	26.95	Peak	0.00	400	Vertical	Pass
4**	7548.263	37.33	54.0	16.67	AV	0.00	400	Vertical	Pass
5	12597.049	48.22	74.0	25.78	Peak	7.00	150	Vertical	Pass
5**	12597.049	39.52	54.0	14.48	AV	7.00	150	Vertical	Pass
6	15797.363	51.63	74.0	22.37	Peak	206.00	400	Vertical	Pass
6**	15797.363	43.44	54.0	10.56	AV	206.00	400	Vertical	Pass

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

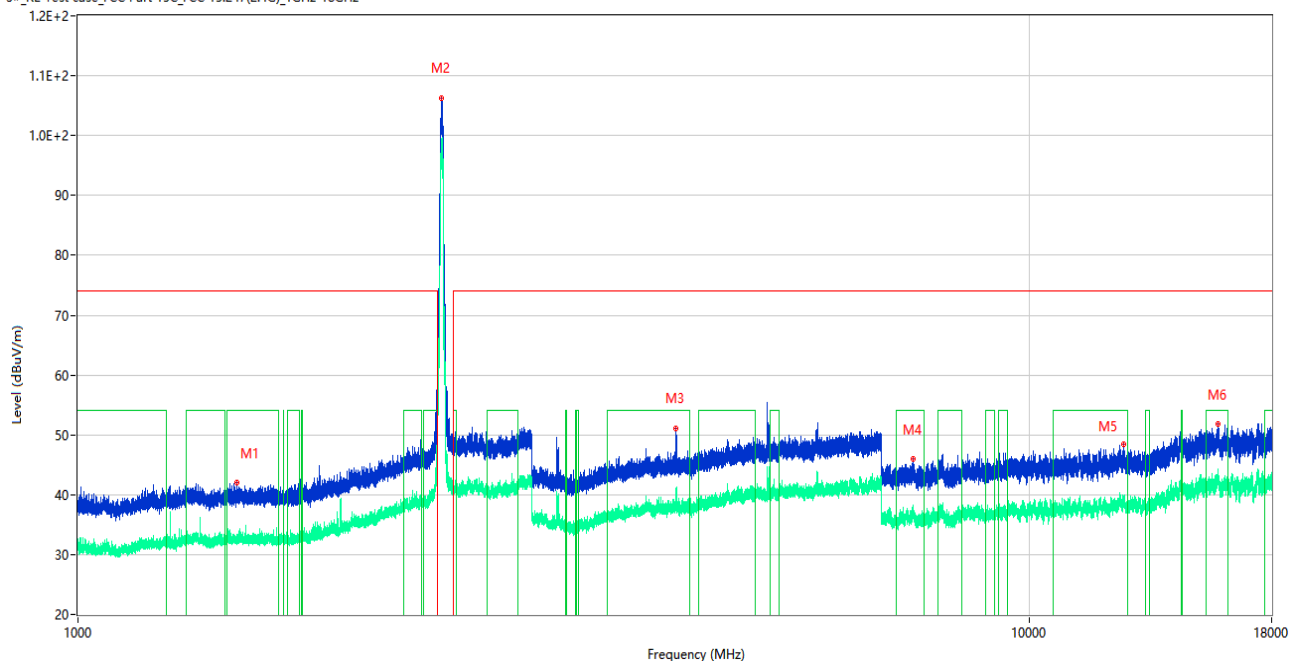
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.300	41.88	74.0	32.12	Peak	192.00	400	Horizontal	Pass
1**	1587.300	33.05	54.0	20.95	AV	192.00	400	Horizontal	Pass
2	2413.100	111.59	--	--	Peak	263.00	200	Horizontal	N/A
2**	2413.100	104.30	--	--	AV	263.00	200	Horizontal	N/A
3	4823.000	51.39	74.0	22.61	Peak	187.00	150	Horizontal	Pass
3**	4823.000	48.15	54.0	5.85	AV	187.00	150	Horizontal	Pass
4	7232.300	48.32	74.0	25.68	Peak	305.00	150	Horizontal	Pass
4**	7232.300	43.90	--	--	AV	305.00	150	Horizontal	N/A
5	12285.112	47.68	74.0	26.32	Peak	17.00	100	Horizontal	Pass
5**	12285.112	38.15	54.0	15.85	AV	17.00	100	Horizontal	Pass
6	15845.137	51.91	74.0	22.09	Peak	232.00	150	Horizontal	Pass
6**	15845.137	41.48	54.0	12.52	AV	232.00	150	Horizontal	Pass

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

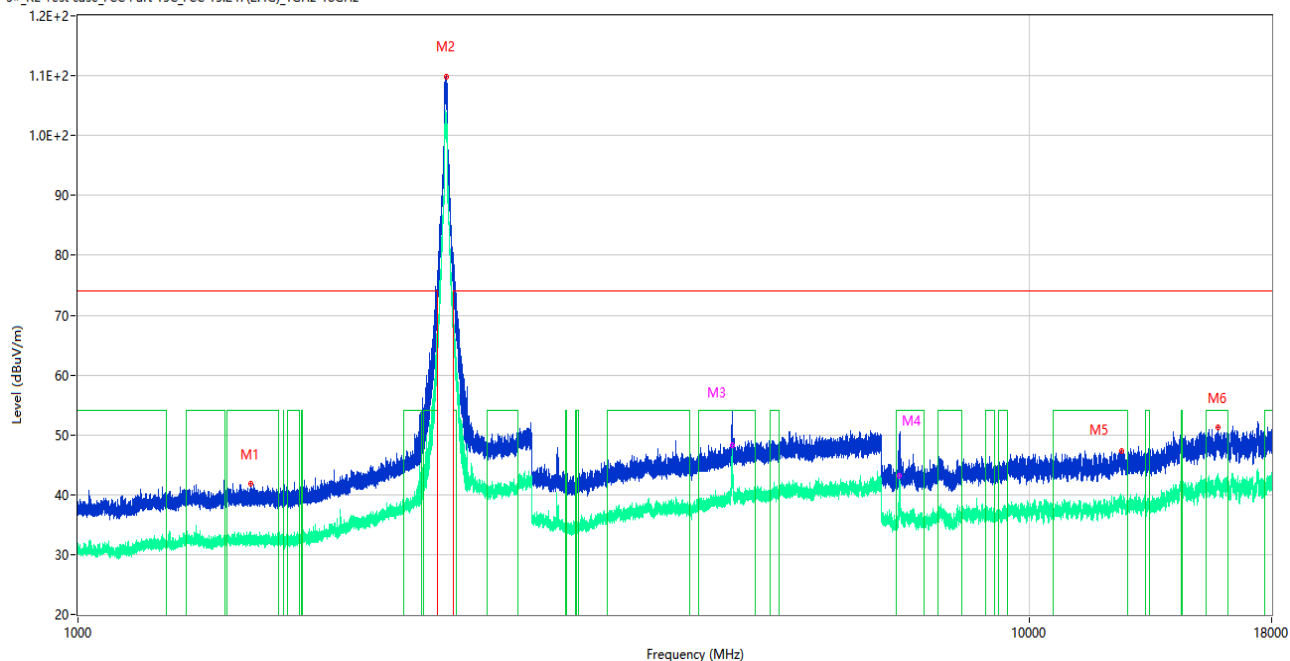
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.300	42.07	74.0	31.93	Peak	188.00	200	Vertical	Pass
1**	1469.300	32.62	54.0	21.38	AV	188.00	200	Vertical	Pass
2	2413.900	106.28	--	--	Peak	16.00	100	Vertical	N/A
2**	2413.900	99.13	--	--	AV	16.00	100	Vertical	N/A
3	4256.800	51.12	74.0	22.88	Peak	0.00	200	Vertical	Pass
3**	4256.800	41.07	54.0	12.93	AV	0.00	200	Vertical	Pass
4	7548.263	45.91	74.0	28.09	Peak	360.00	100	Vertical	Pass
4**	7548.263	37.84	54.0	16.16	AV	360.00	100	Vertical	Pass
5	12579.512	48.34	74.0	25.66	Peak	104.00	100	Vertical	Pass
5**	12579.512	38.74	54.0	15.26	AV	104.00	100	Vertical	Pass
6	15798.674	51.81	74.0	22.19	Peak	284.00	100	Vertical	Pass
6**	15798.674	43.39	54.0	10.61	AV	284.00	100	Vertical	Pass

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

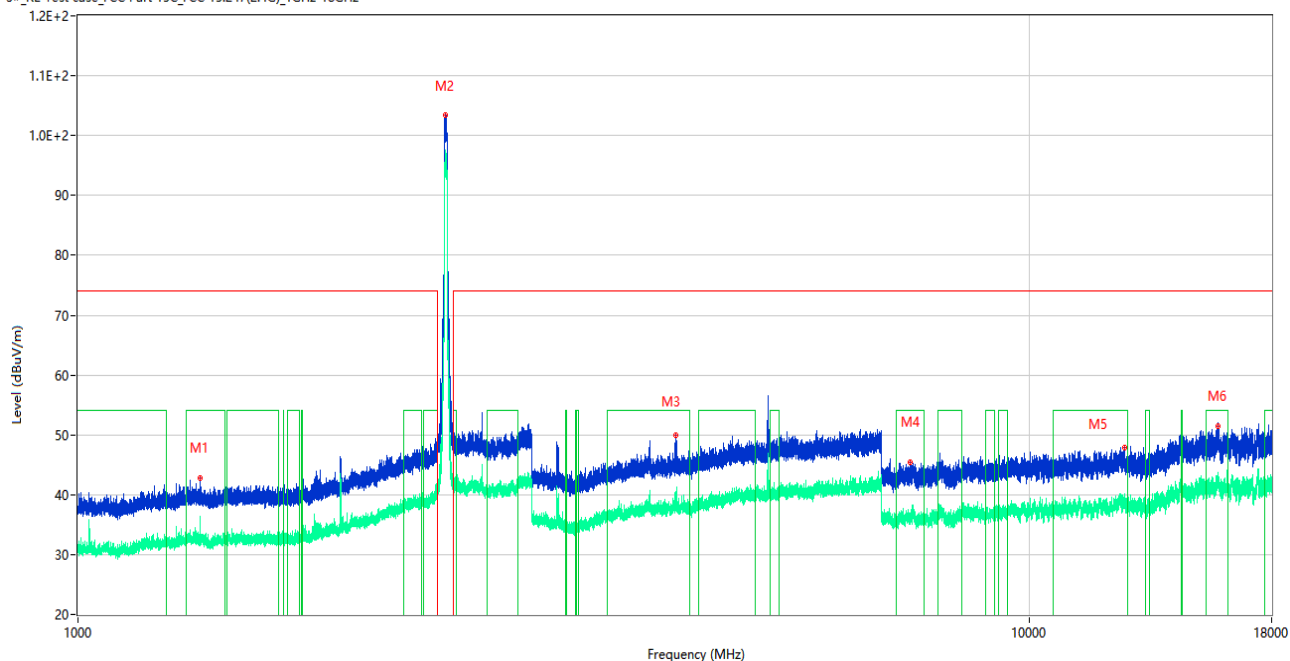
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.600	41.91	74.0	32.09	Peak	0.00	150	Horizontal	Pass
1**	1518.600	32.02	54.0	21.98	AV	0.00	150	Horizontal	Pass
2	2440.200	109.86	--	--	Peak	107.00	200	Horizontal	N/A
2**	2440.200	102.54	--	--	AV	107.00	200	Horizontal	N/A
3	4874.800	53.35	74.0	20.65	Peak	182.00	150	Horizontal	Pass
3**	4874.800	48.28	54.0	5.72	AV	182.00	150	Horizontal	Pass
4	7304.750	48.97	74.0	25.03	Peak	314.00	150	Horizontal	Pass
4**	7304.750	43.11	54.0	10.89	AV	314.00	150	Horizontal	Pass
5	12504.762	47.33	74.0	26.67	Peak	79.00	100	Horizontal	Pass
5**	12504.762	38.34	54.0	15.66	AV	79.00	100	Horizontal	Pass
6	15798.674	51.19	74.0	22.81	Peak	299.00	200	Horizontal	Pass
6**	15798.674	42.67	54.0	11.33	AV	299.00	200	Horizontal	Pass

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

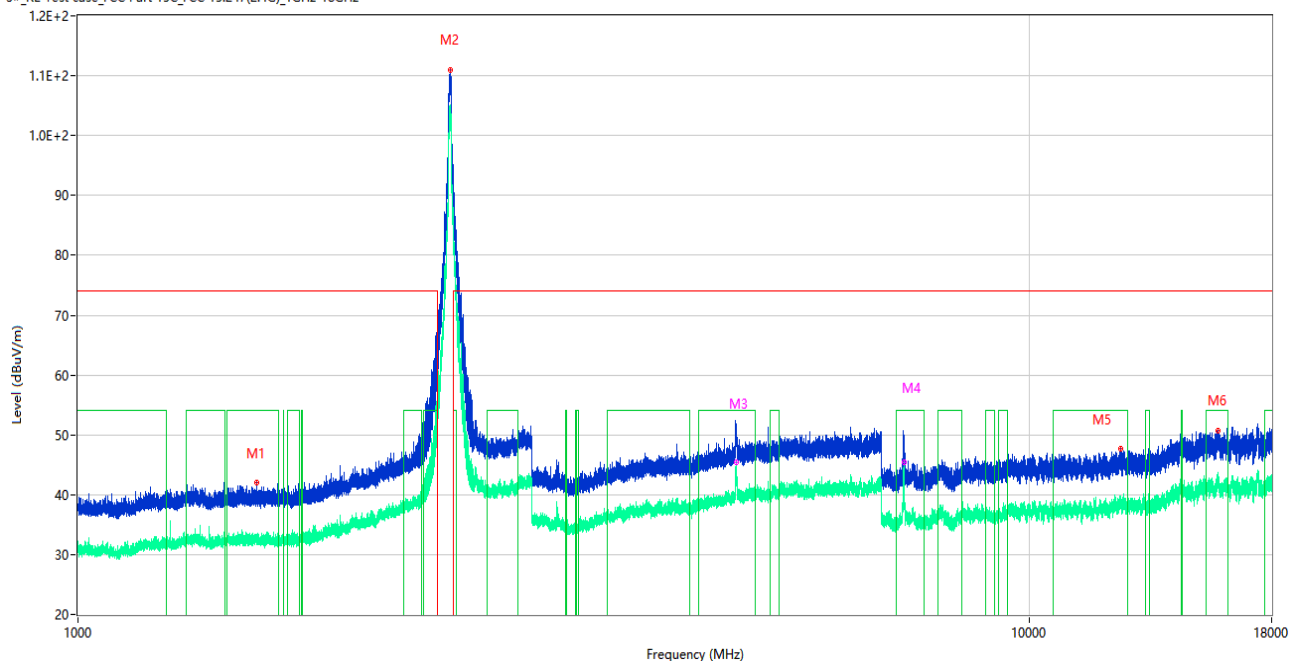
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.300	42.85	74.0	31.15	Peak	219.00	400	Vertical	Pass
1**	1344.300	36.45	54.0	17.55	AV	219.00	400	Vertical	Pass
2	2436.800	103.41	--	--	Peak	14.00	200	Vertical	N/A
2**	2436.800	96.83	--	--	AV	14.00	200	Vertical	N/A
3	4251.400	49.89	74.0	24.11	Peak	0.00	100	Vertical	Pass
3**	4251.400	38.73	54.0	15.27	AV	0.00	100	Vertical	Pass
4	7496.800	45.44	74.0	28.56	Peak	15.00	400	Vertical	Pass
4**	7496.800	35.04	54.0	18.96	AV	15.00	400	Vertical	Pass
5	12599.638	47.87	74.0	26.13	Peak	15.00	100	Vertical	Pass
5**	12599.638	39.84	54.0	14.16	AV	15.00	100	Vertical	Pass
6	15803.662	51.43	74.0	22.57	Peak	211.00	150	Vertical	Pass
6**	15803.662	43.17	54.0	10.83	AV	211.00	150	Vertical	Pass

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

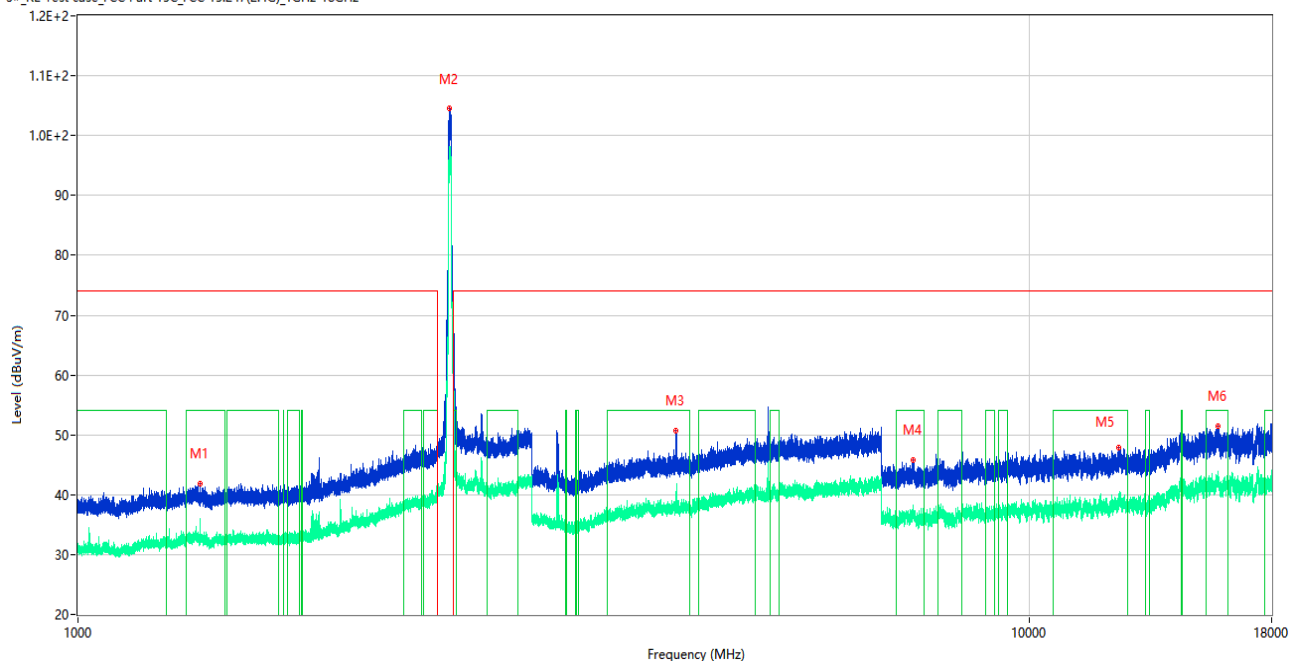
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.800	42.01	74.0	31.99	Peak	181.00	300	Horizontal	Pass
1**	1540.800	32.04	54.0	21.96	AV	181.00	300	Horizontal	Pass
2	2462.200	110.96	--	--	Peak	195.00	150	Horizontal	N/A
2**	2462.200	103.88	--	--	AV	195.00	150	Horizontal	N/A
3	4923.800	50.23	74.0	23.77	Peak	350.00	150	Horizontal	Pass
3**	4923.800	45.45	54.0	8.55	AV	350.00	150	Horizontal	Pass
4	7388.412	49.98	74.0	24.02	Peak	301.00	150	Horizontal	Pass
4**	7388.412	45.38	54.0	8.62	AV	301.00	150	Horizontal	Pass
5	12494.701	47.75	74.0	26.25	Peak	36.00	150	Horizontal	Pass
5**	12494.701	38.29	54.0	15.71	AV	36.00	150	Horizontal	Pass
6	15801.825	49.98	74.0	24.02	Peak	360.00	200	Horizontal	Pass
6**	15801.825	41.66	54.0	12.34	AV	360.00	200	Horizontal	Pass

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

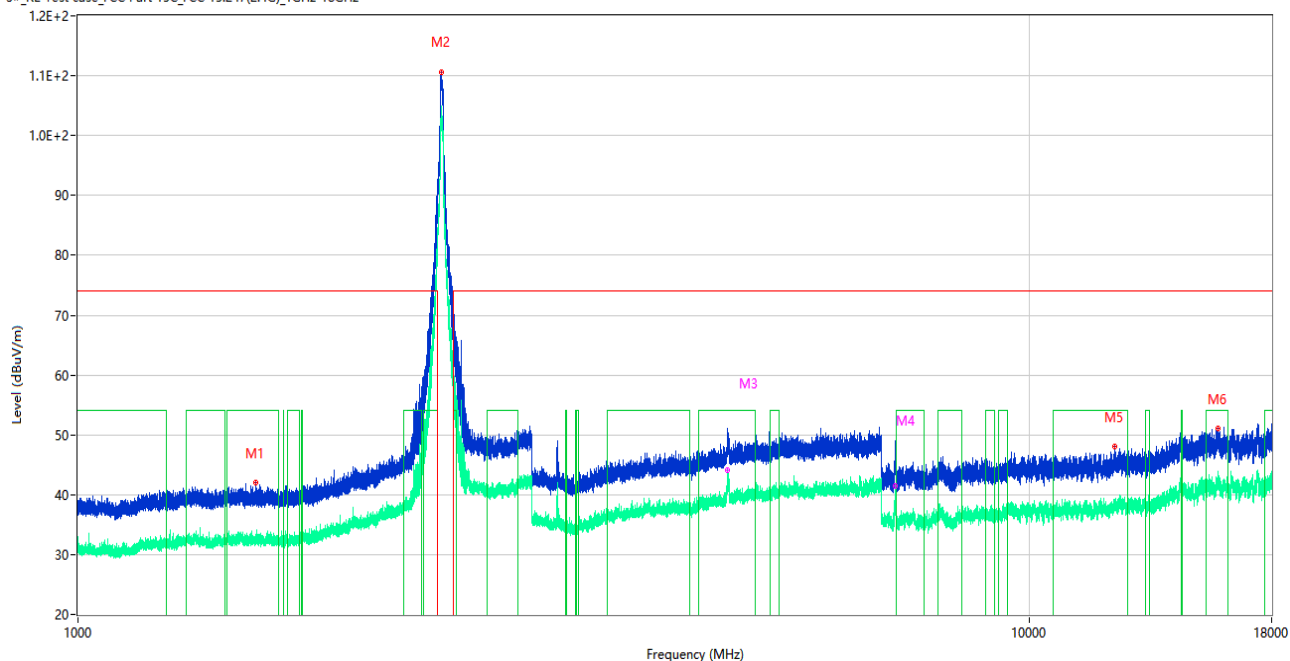
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.300	41.85	74.0	32.15	Peak	360.00	100	Vertical	Pass
1**	1344.300	35.75	54.0	18.25	AV	360.00	100	Vertical	Pass
2	2459.000	104.54	--	--	Peak	7.00	150	Vertical	N/A
2**	2459.000	97.43	--	--	AV	7.00	150	Vertical	N/A
3	4257.600	50.73	74.0	23.27	Peak	0.00	200	Vertical	Pass
3**	4257.600	40.32	54.0	13.68	AV	0.00	200	Vertical	Pass
4	7553.150	45.84	74.0	28.16	Peak	356.00	100	Vertical	Pass
4**	7553.150	36.91	54.0	17.09	AV	356.00	100	Vertical	Pass
5	12442.087	47.82	74.0	26.18	Peak	320.00	150	Vertical	Pass
5**	12442.087	38.26	54.0	15.74	AV	320.00	150	Vertical	Pass
6	15797.888	51.52	74.0	22.48	Peak	106.00	400	Vertical	Pass
6**	15797.888	43.49	54.0	10.51	AV	106.00	400	Vertical	Pass

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

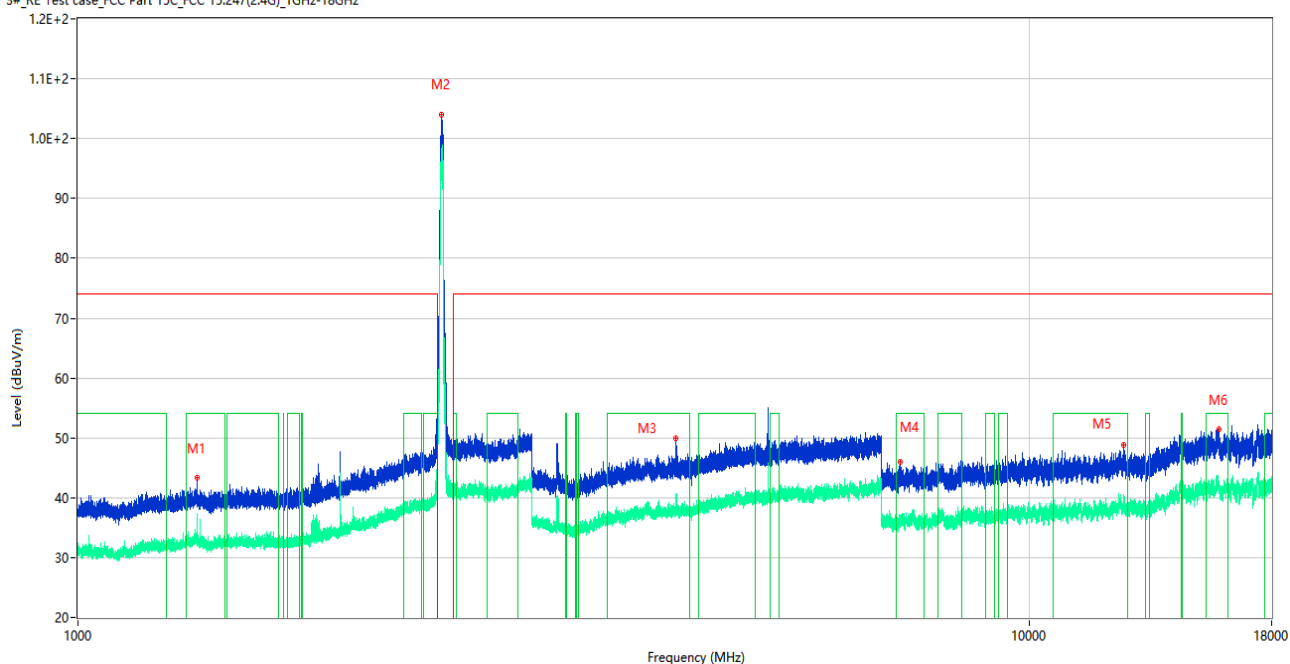
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.900	41.95	74.0	32.05	Peak	295.00	400	Horizontal	Pass
1**	1536.900	32.06	54.0	21.94	AV	295.00	400	Horizontal	Pass
2	2411.300	110.61	--	--	Peak	85.00	200	Horizontal	N/A
2**	2411.300	104.31	--	--	AV	85.00	200	Horizontal	N/A
3	4825.000	48.40	74.0	25.60	Peak	190.00	150	Horizontal	Pass
3**	4825.000	44.06	54.0	9.94	AV	190.00	150	Horizontal	Pass
4	7238.338	45.17	74.0	28.83	Peak	263.00	150	Horizontal	Pass
4**	7238.338	41.48	--	--	AV	263.00	150	Horizontal	N/A
5	12298.050	48.01	74.0	25.99	Peak	360.00	150	Horizontal	Pass
5**	12298.050	38.53	54.0	15.47	AV	360.00	150	Horizontal	Pass
6	15798.412	50.99	74.0	23.01	Peak	318.00	100	Horizontal	Pass
6**	15798.412	42.19	54.0	11.81	AV	318.00	100	Horizontal	Pass

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

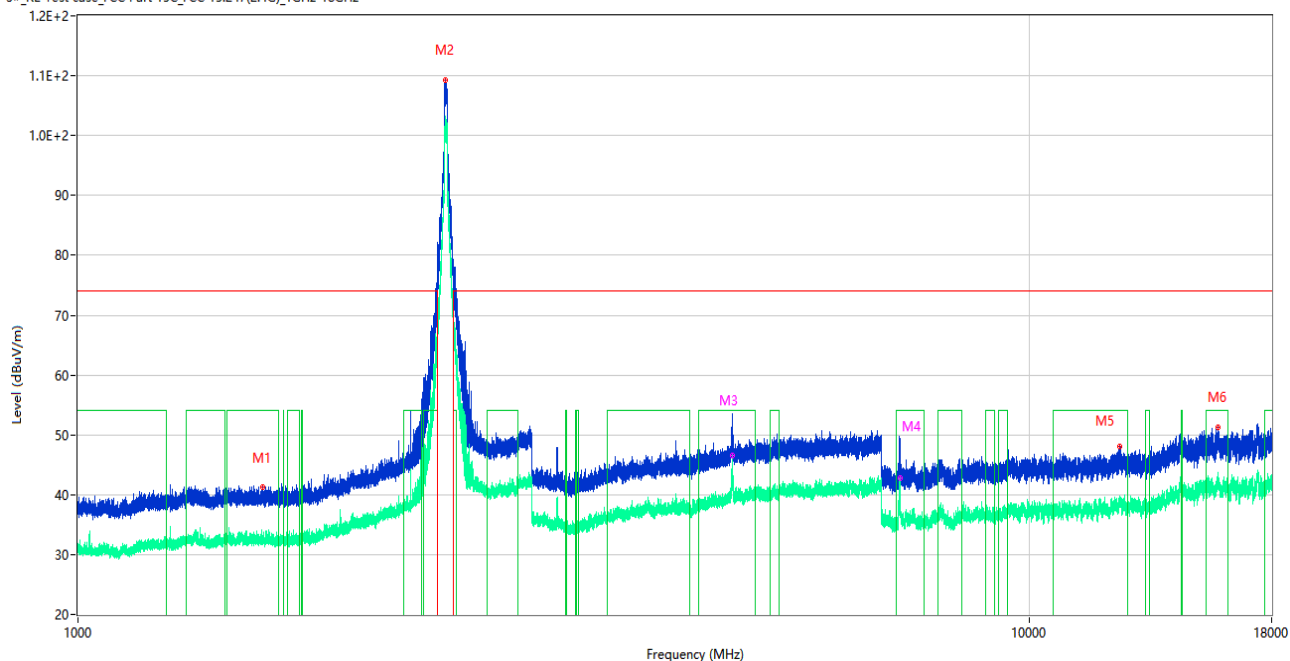
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.900	43.27	74.0	30.73	Peak	123.00	200	Vertical	Pass
1**	1332.900	32.22	54.0	21.78	AV	123.00	200	Vertical	Pass
2	2414.000	104.02	--	--	Peak	14.00	200	Vertical	N/A
2**	2414.000	97.84	--	--	AV	14.00	200	Vertical	N/A
3	4250.000	49.99	74.0	24.01	Peak	89.00	150	Vertical	Pass
3**	4250.000	40.58	54.0	13.42	AV	89.00	150	Vertical	Pass
4	7324.300	45.96	74.0	28.04	Peak	335.00	300	Vertical	Pass
4**	7324.300	35.77	54.0	18.23	AV	335.00	300	Vertical	Pass
5	12591.013	48.75	74.0	25.25	Peak	87.00	200	Vertical	Pass
5**	12591.013	39.57	54.0	14.43	AV	87.00	200	Vertical	Pass
6	15840.151	51.40	74.0	22.60	Peak	206.00	200	Vertical	Pass
6**	15840.151	41.91	54.0	12.09	AV	206.00	200	Vertical	Pass

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

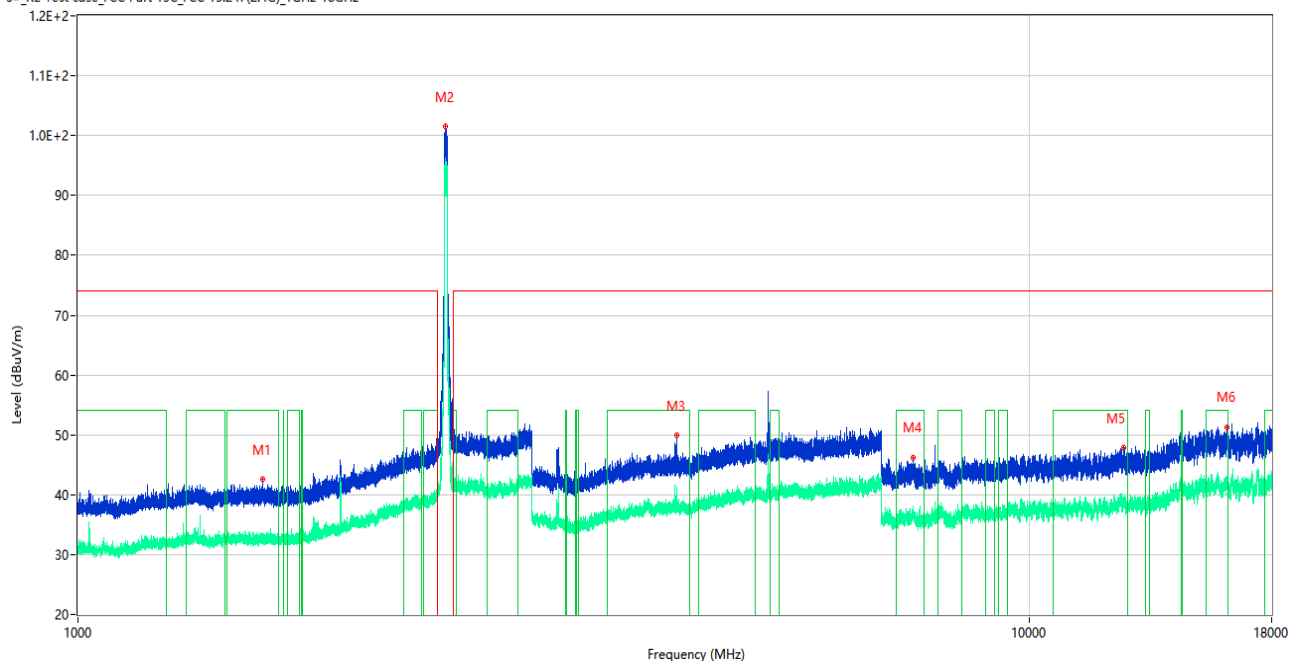
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.600	41.35	74.0	32.65	Peak	144.00	150	Horizontal	Pass
1**	1563.600	32.70	54.0	21.30	AV	144.00	150	Horizontal	Pass
2	2436.200	109.34	--	--	Peak	95.00	150	Horizontal	N/A
2**	2436.200	103.13	--	--	AV	95.00	150	Horizontal	N/A
3	4874.800	49.85	74.0	24.15	Peak	0.00	150	Horizontal	Pass
3**	4874.800	46.50	54.0	7.50	AV	0.00	150	Horizontal	Pass
4	7318.263	45.84	74.0	28.16	Peak	303.00	150	Horizontal	Pass
4**	7318.263	42.88	54.0	11.12	AV	303.00	150	Horizontal	Pass
5	12465.087	48.12	74.0	25.88	Peak	284.00	100	Horizontal	Pass
5**	12465.087	38.48	54.0	15.52	AV	284.00	100	Horizontal	Pass
6	15799.725	51.25	74.0	22.75	Peak	214.00	150	Horizontal	Pass
6**	15799.725	42.34	54.0	11.66	AV	214.00	150	Horizontal	Pass

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

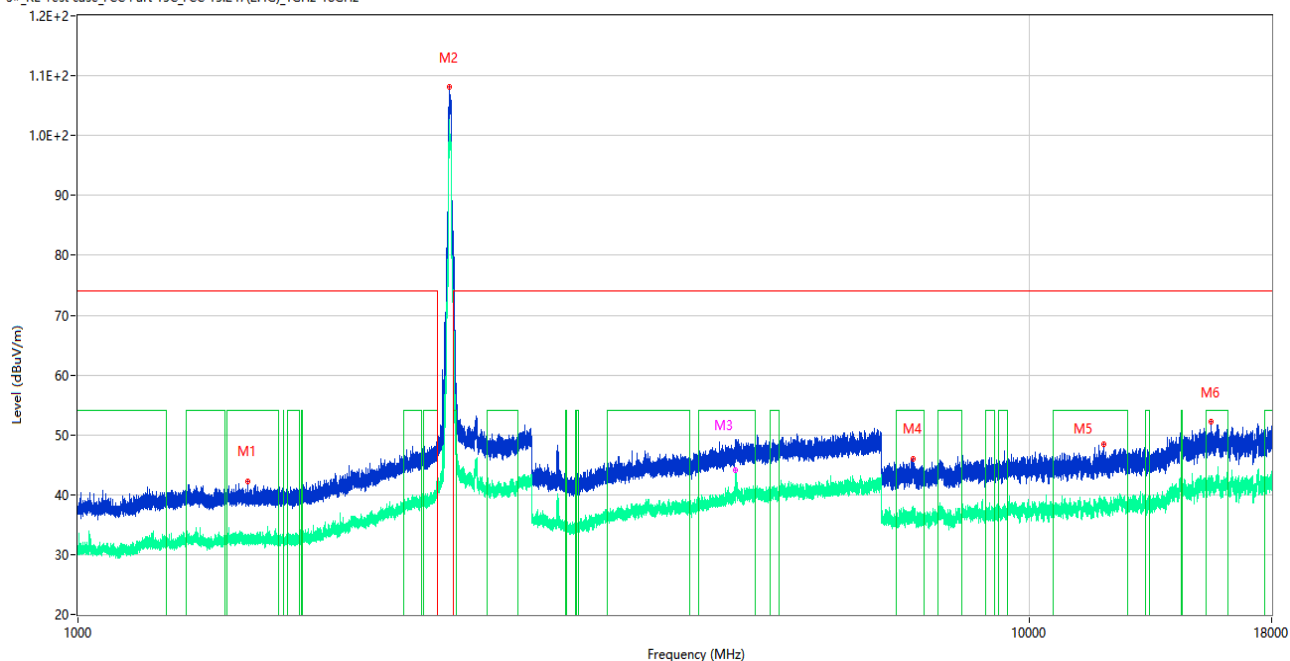
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.800	42.52	74.0	31.48	Peak	167.00	100	Vertical	Pass
1**	1563.800	32.75	54.0	21.25	AV	167.00	100	Vertical	Pass
2	2434.500	101.50	--	--	Peak	16.00	100	Vertical	N/A
2**	2434.500	95.16	--	--	AV	16.00	100	Vertical	N/A
3	4260.000	49.89	74.0	24.11	Peak	0.00	200	Vertical	Pass
3**	4260.000	40.97	54.0	13.03	AV	0.00	200	Vertical	Pass
4	7547.687	46.19	74.0	27.81	Peak	144.00	100	Vertical	Pass
4**	7547.687	37.32	54.0	16.68	AV	144.00	100	Vertical	Pass
5	12588.425	47.86	74.0	26.14	Peak	360.00	150	Vertical	Pass
5**	12588.425	38.78	54.0	15.22	AV	360.00	150	Vertical	Pass
6	16169.850	51.32	74.0	22.68	Peak	21.00	300	Vertical	Pass
6**	16169.850	42.44	54.0	11.56	AV	21.00	300	Vertical	Pass

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

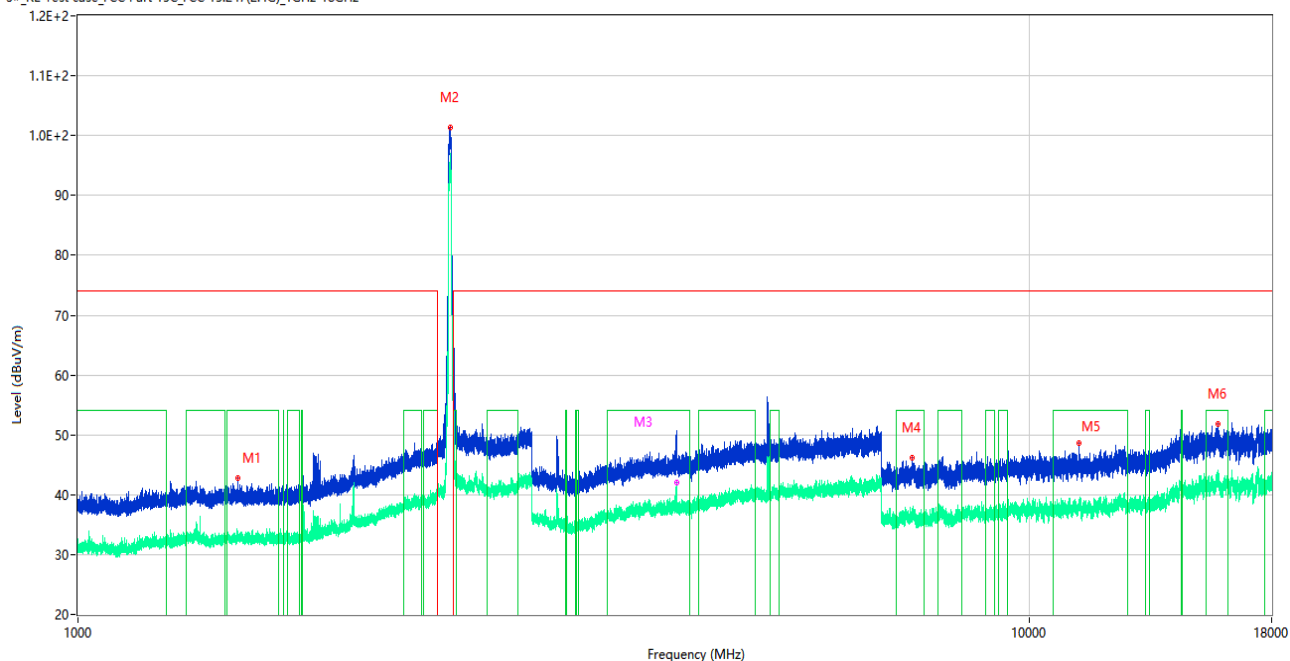
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.500	42.26	74.0	31.74	Peak	254.00	200	Horizontal	Pass
1**	1509.500	32.65	54.0	21.35	AV	254.00	200	Horizontal	Pass
2	2460.800	108.05	--	--	Peak	85.00	200	Horizontal	N/A
2**	2460.800	102.75	--	--	AV	85.00	200	Horizontal	N/A
3	4918.600	47.74	74.0	26.26	Peak	0.00	150	Horizontal	Pass
3**	4918.600	44.08	54.0	9.92	AV	0.00	150	Horizontal	Pass
4	7552.862	45.98	74.0	28.02	Peak	249.00	200	Horizontal	Pass
4**	7552.862	36.90	54.0	17.10	AV	249.00	200	Horizontal	Pass
5	11989.562	48.37	74.0	25.63	Peak	286.00	150	Horizontal	Pass
5**	11989.562	38.65	54.0	15.35	AV	286.00	150	Horizontal	Pass
6	15557.175	52.17	74.0	21.83	Peak	303.00	300	Horizontal	Pass
6**	15557.175	41.85	54.0	12.15	AV	303.00	300	Horizontal	Pass

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

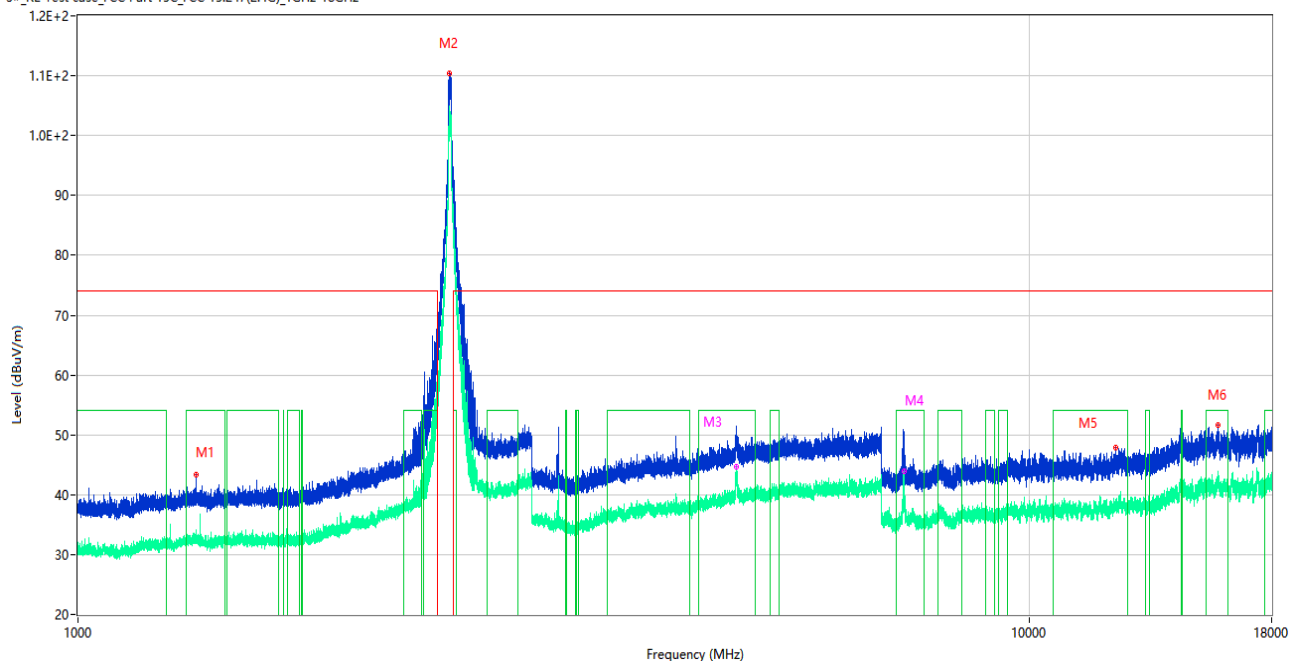
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.100	42.77	74.0	31.23	Peak	181.00	300	Vertical	Pass
1**	1472.100	32.33	54.0	21.67	AV	181.00	300	Vertical	Pass
2	2462.900	101.45	--	--	Peak	129.00	200	Vertical	N/A
2**	2462.900	94.24	--	--	AV	129.00	200	Vertical	N/A
3	4259.800	48.87	74.0	25.13	Peak	351.00	150	Vertical	Pass
3**	4259.800	42.00	54.0	12.00	AV	351.00	150	Vertical	Pass
4	7543.088	46.24	74.0	27.76	Peak	123.00	100	Vertical	Pass
4**	7543.088	37.12	54.0	16.88	AV	123.00	100	Vertical	Pass
5	11292.375	48.60	74.0	25.40	Peak	304.00	200	Vertical	Pass
5**	11292.375	38.00	54.0	16.00	AV	304.00	200	Vertical	Pass
6	15800.250	51.85	74.0	22.15	Peak	164.00	400	Vertical	Pass
6**	15800.250	43.52	54.0	10.48	AV	164.00	400	Vertical	Pass

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

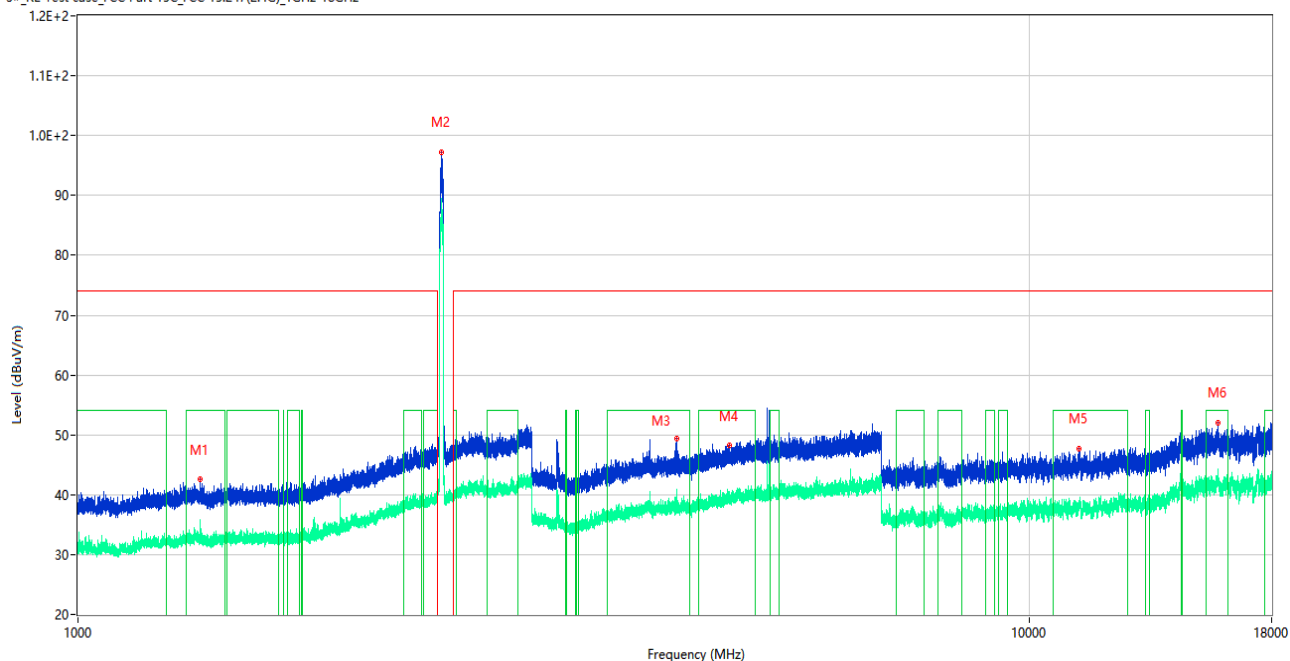
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	43.37	74.0	30.63	Peak	130.00	100	Horizontal	Pass
1**	1330.500	32.65	54.0	21.35	AV	130.00	100	Horizontal	Pass
2	2460.100	110.48	--	--	Peak	82.00	200	Horizontal	N/A
2**	2460.100	104.89	--	--	AV	82.00	200	Horizontal	N/A
3	4919.200	50.03	74.0	23.97	Peak	325.00	150	Horizontal	Pass
3**	4919.200	44.62	54.0	9.38	AV	325.00	150	Horizontal	Pass
4	7389.275	47.95	74.0	26.05	Peak	305.00	150	Horizontal	Pass
4**	7389.275	43.97	54.0	10.03	AV	305.00	150	Horizontal	Pass
5	12352.099	47.91	74.0	26.09	Peak	55.00	100	Horizontal	Pass
5**	12352.099	37.54	54.0	16.46	AV	55.00	100	Horizontal	Pass
6	15795.262	51.71	74.0	22.29	Peak	258.00	100	Horizontal	Pass
6**	15795.262	43.31	54.0	10.69	AV	258.00	100	Horizontal	Pass

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

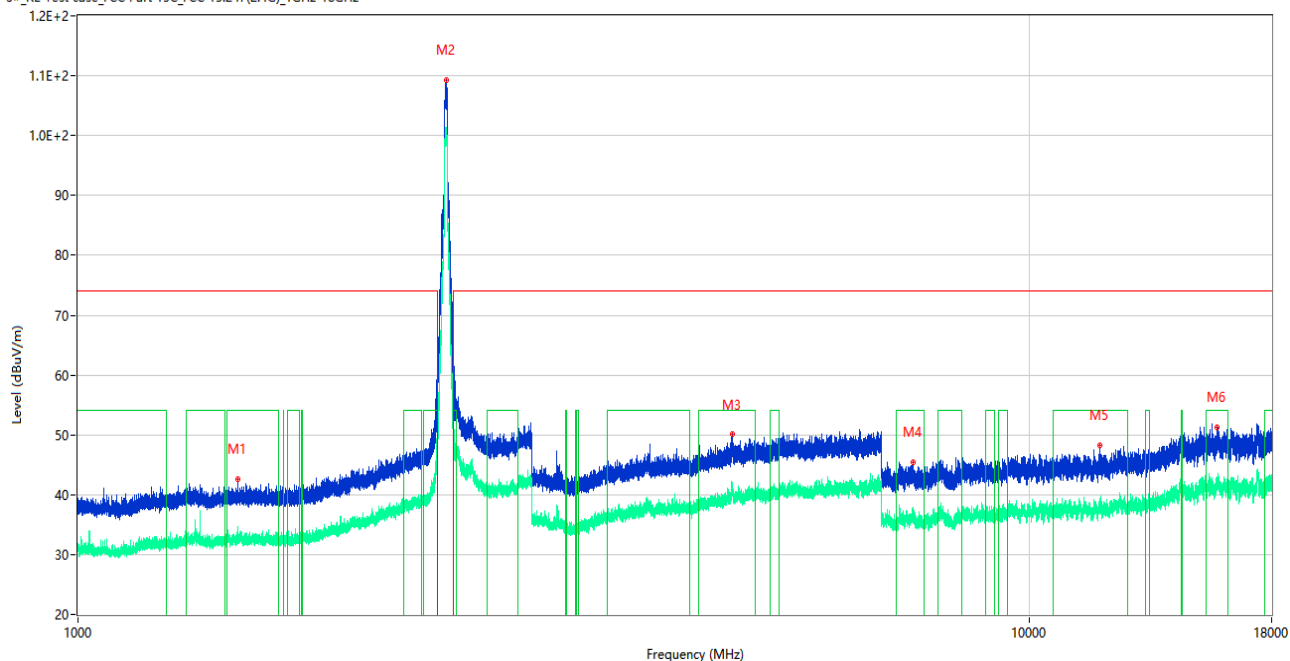
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.300	42.52	74.0	31.48	Peak	215.00	400	Vertical	Pass
1**	1344.300	35.35	54.0	18.65	AV	215.00	400	Vertical	Pass
2	2412.700	97.28	--	--	Peak	19.00	150	Vertical	N/A
2**	2412.700	88.11	--	--	AV	19.00	150	Vertical	N/A
3	4259.000	49.40	74.0	24.60	Peak	352.00	200	Vertical	Pass
3**	4259.000	38.90	54.0	15.10	AV	352.00	200	Vertical	Pass
4	4843.600	48.26	74.0	25.74	Peak	246.00	150	Vertical	Pass
4**	4843.600	39.13	54.0	14.87	AV	246.00	150	Vertical	Pass
5	11295.537	47.69	74.0	26.31	Peak	269.00	100	Vertical	Pass
5**	11295.537	38.27	54.0	15.73	AV	269.00	100	Vertical	Pass
6	15791.062	52.07	74.0	21.93	Peak	0.00	200	Vertical	Pass
6**	15791.062	42.61	54.0	11.39	AV	0.00	200	Vertical	Pass

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

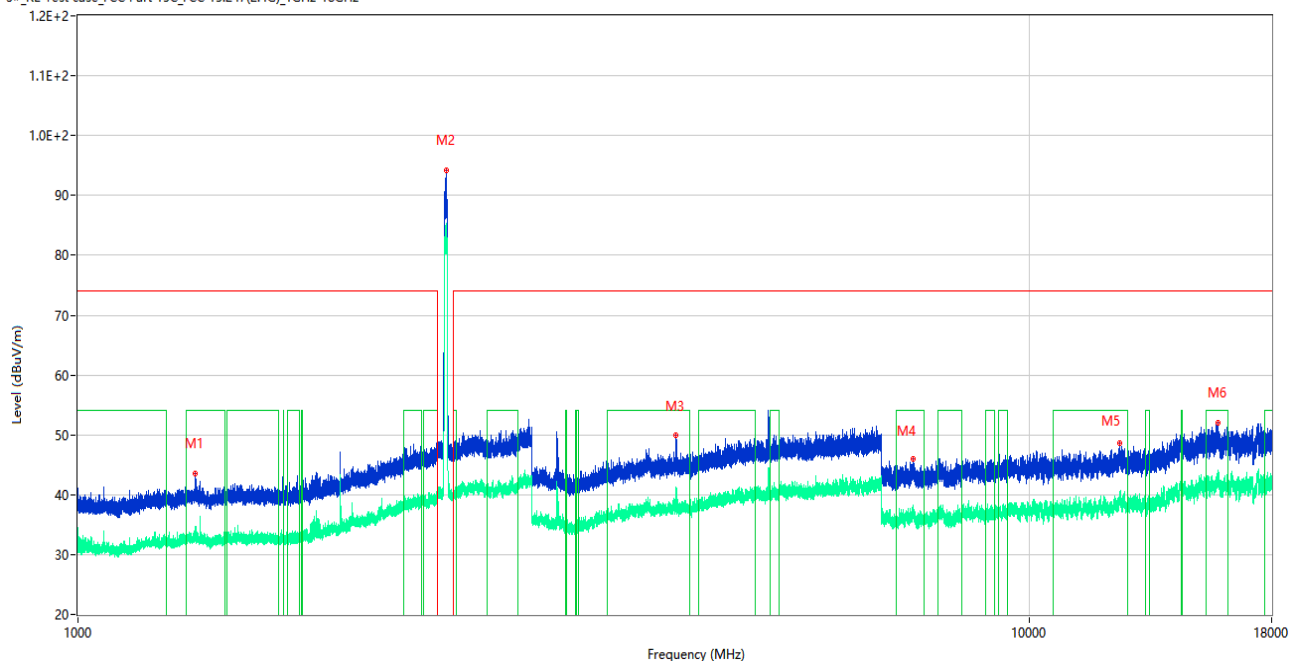
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.000	42.62	74.0	31.38	Peak	318.00	400	Horizontal	Pass
1**	1472.000	32.69	54.0	21.31	AV	318.00	400	Horizontal	Pass
2	2437.700	109.35	--	--	Peak	58.00	150	Horizontal	N/A
2**	2437.700	100.37	--	--	AV	58.00	150	Horizontal	N/A
3	4879.600	50.05	74.0	23.95	Peak	0.00	100	Horizontal	Pass
3**	4879.600	40.70	54.0	13.30	AV	0.00	100	Horizontal	Pass
4	7548.550	45.46	74.0	28.54	Peak	131.00	300	Horizontal	Pass
4**	7548.550	37.40	54.0	16.60	AV	131.00	300	Horizontal	Pass
5	11882.900	48.27	74.0	25.73	Peak	93.00	150	Horizontal	Pass
5**	11882.900	37.30	54.0	16.70	AV	93.00	150	Horizontal	Pass
6	15788.701	51.31	74.0	22.69	Peak	360.00	200	Horizontal	Pass
6**	15788.701	42.21	54.0	11.79	AV	360.00	200	Horizontal	Pass

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

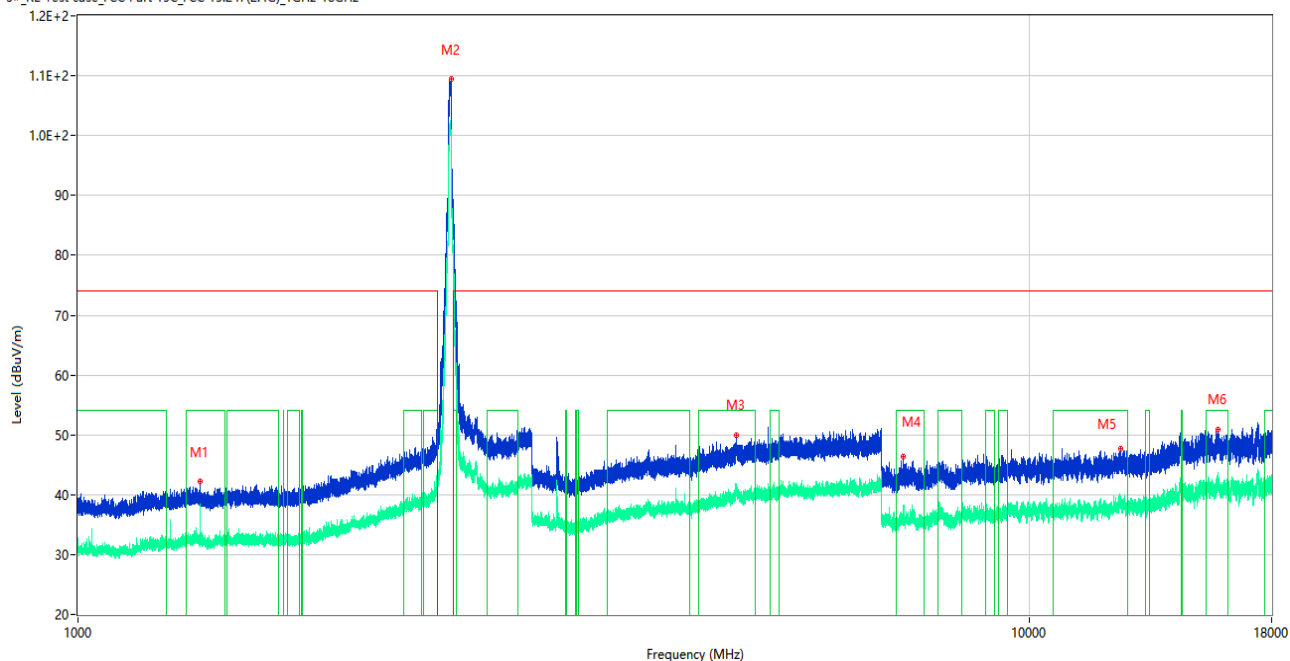
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	43.61	74.0	30.39	Peak	62.00	400	Vertical	Pass
1**	1329.400	33.01	54.0	20.99	AV	62.00	400	Vertical	Pass
2	2437.600	94.20	--	--	Peak	199.00	150	Vertical	N/A
2**	2437.600	84.14	--	--	AV	199.00	150	Vertical	N/A
3	4248.200	49.95	74.0	24.05	Peak	152.00	150	Vertical	Pass
3**	4248.200	38.02	54.0	15.98	AV	152.00	150	Vertical	Pass
4	7547.687	45.97	74.0	28.03	Peak	198.00	300	Vertical	Pass
4**	7547.687	37.37	54.0	16.63	AV	198.00	300	Vertical	Pass
5	12447.838	48.58	74.0	25.42	Peak	15.00	150	Vertical	Pass
5**	12447.838	38.98	54.0	15.02	AV	15.00	150	Vertical	Pass
6	15799.725	52.02	74.0	21.98	Peak	180.00	400	Vertical	Pass
6**	15799.725	44.07	54.0	9.93	AV	180.00	400	Vertical	Pass

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

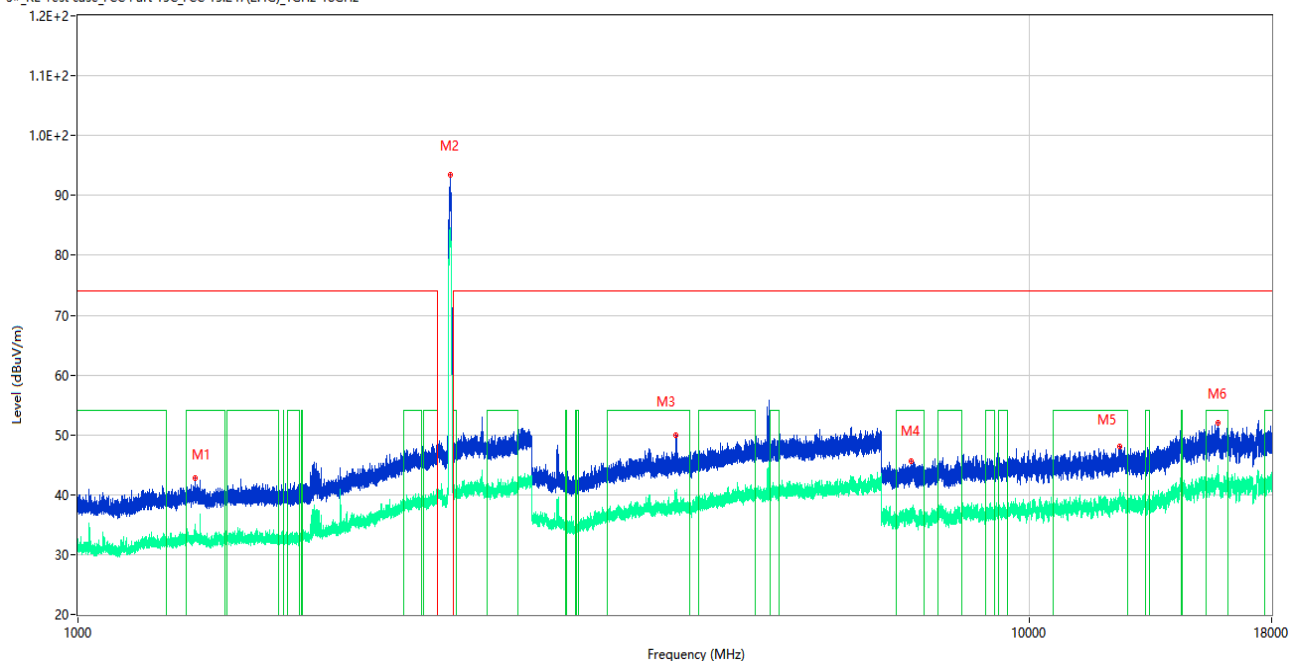
3#_RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1344.300	42.16	74.0	31.84	Peak	329.00	100	Horizontal	Pass
1**	1344.300	38.16	54.0	15.84	AV	329.00	100	Horizontal	Pass
2	2467.500	109.41	--	--	Peak	0.00	200	Horizontal	N/A
2**	2467.500	100.11	--	--	AV	0.00	200	Horizontal	N/A
3	4921.000	49.96	74.0	24.04	Peak	360.00	100	Horizontal	Pass
3**	4921.000	40.44	54.0	13.56	AV	360.00	100	Horizontal	Pass
4	7379.212	46.34	74.0	27.66	Peak	305.00	200	Horizontal	Pass
4**	7379.212	37.73	54.0	16.27	AV	305.00	200	Horizontal	Pass
5	12476.875	47.71	74.0	26.29	Peak	305.00	100	Horizontal	Pass
5**	12476.875	38.65	54.0	15.35	AV	305.00	100	Horizontal	Pass
6	15793.162	50.91	74.0	23.09	Peak	340.00	400	Horizontal	Pass
6**	15793.162	40.66	54.0	13.34	AV	340.00	400	Horizontal	Pass

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

3#_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	1327.100	42.82	74.0	31.18	Peak	133.00	300	Vertical	Pass
1**	1327.100	32.67	54.0	21.33	AV	133.00	300	Vertical	Pass
2	2461.200	93.39	--	--	Peak	126.00	100	Vertical	N/A
2**	2461.200	83.84	--	--	AV	126.00	100	Vertical	N/A
3	4252.200	50.03	74.0	23.97	Peak	84.00	200	Vertical	Pass
3**	4252.200	37.74	54.0	16.26	AV	84.00	200	Vertical	Pass
4	7521.812	45.69	74.0	28.31	Peak	268.00	200	Vertical	Pass
4**	7521.812	36.41	54.0	17.59	AV	268.00	200	Vertical	Pass
5	12458.188	48.02	74.0	25.98	Peak	231.00	200	Vertical	Pass
5**	12458.188	39.40	54.0	14.60	AV	231.00	200	Vertical	Pass
6	15802.613	51.94	74.0	22.06	Peak	263.00	200	Vertical	Pass
6**	15802.613	42.77	54.0	11.23	AV	263.00	200	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: All the configurations were pre tested, only the worst configuration has been reported in this report.

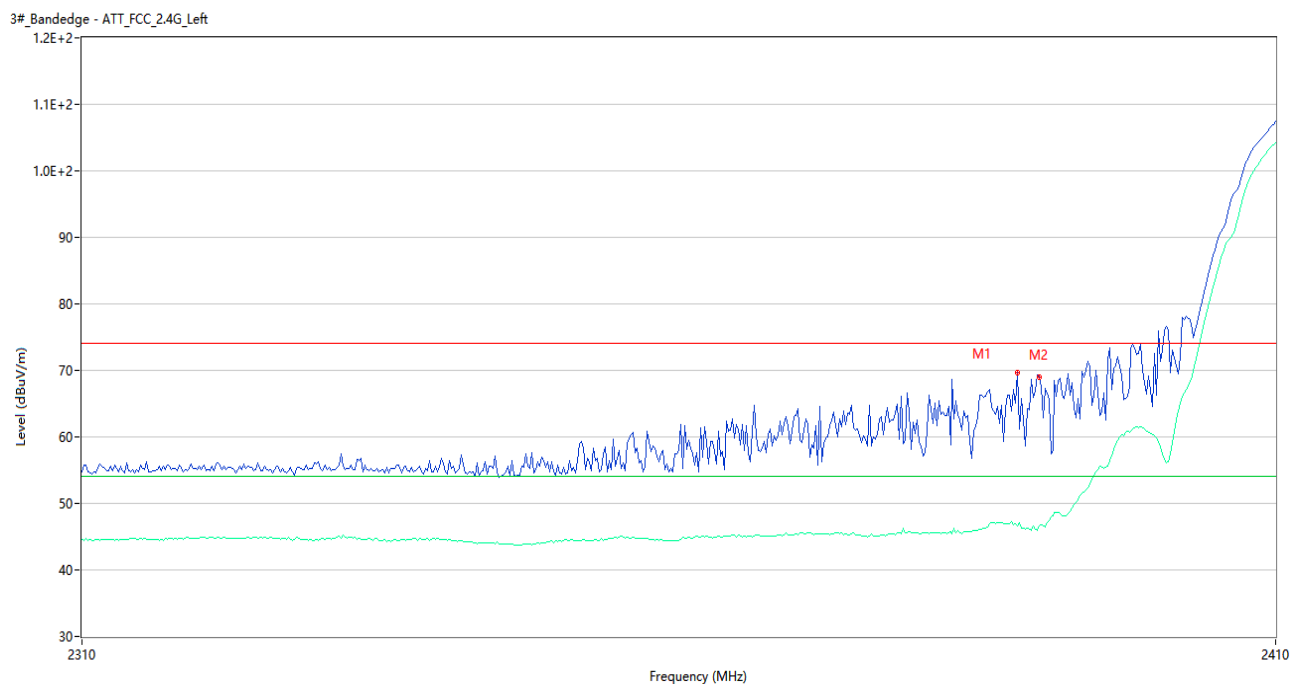
Note ⁵: All antenna were pre tested, but only the worst case has been reported in this report.

Note ⁶: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data and Plots

ANT1

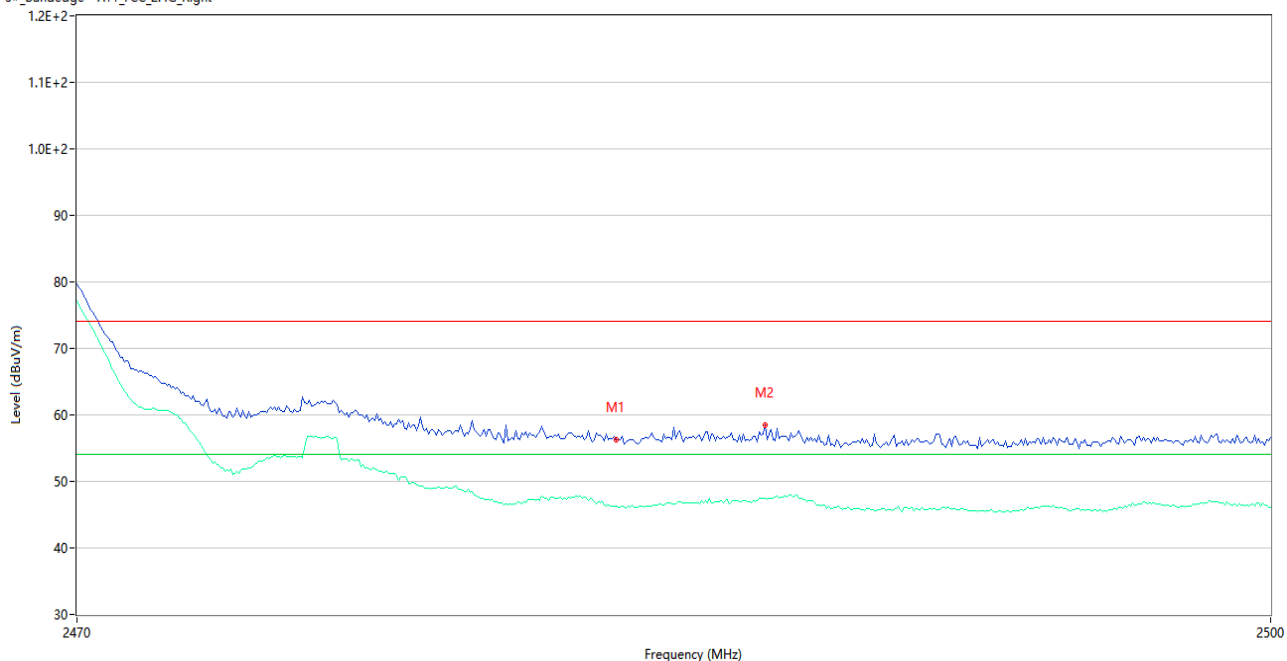
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.000	69.69	74.0	4.31	Peak	237.00	200	Horizontal	Pass
1**	2388.000	46.61	54.0	7.39	AV	237.00	200	Horizontal	Pass
2	2389.833	69.04	74.0	4.96	Peak	241.00	150	Horizontal	Pass
2**	2389.833	46.55	54.0	7.45	AV	241.00	150	Horizontal	Pass

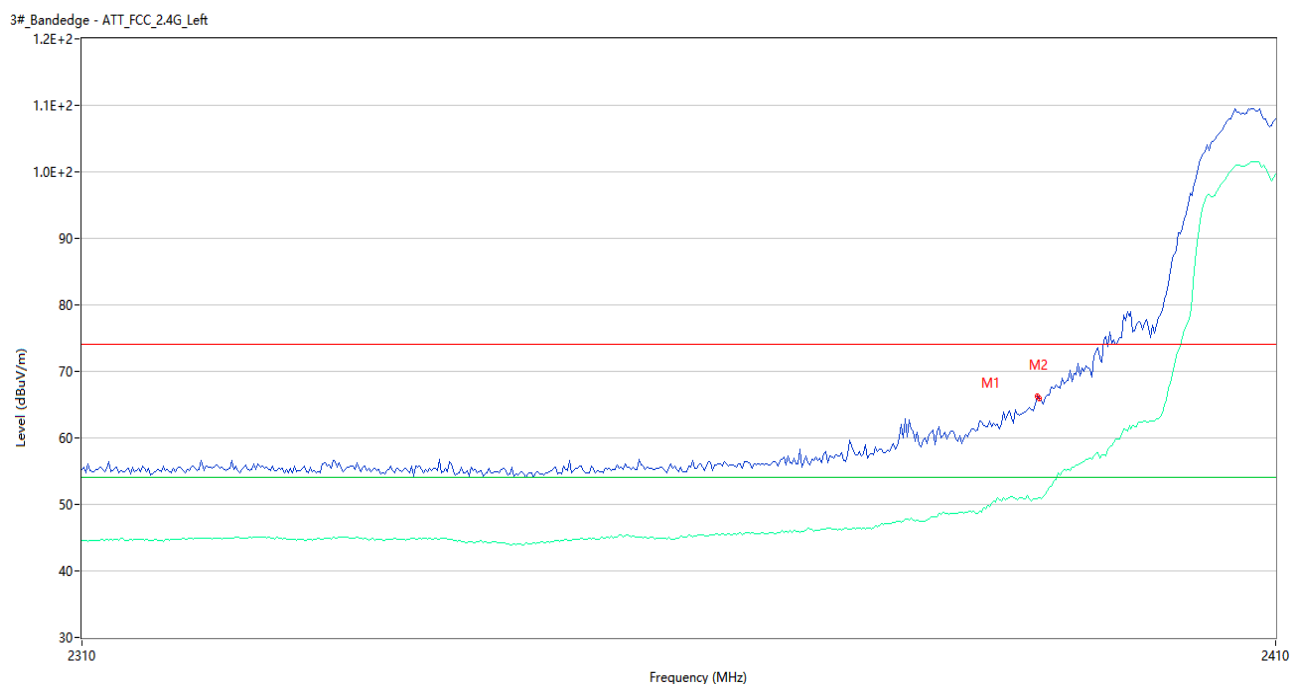
802.11b HIGH CHANNEL

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	56.26	74.0	17.74	Peak	62.00	200	Horizontal	Pass
1**	2483.500	46.25	54.0	7.75	AV	62.00	200	Horizontal	Pass
2	2487.250	58.43	74.0	15.57	Peak	69.00	100	Horizontal	Pass
2**	2487.250	47.46	54.0	6.54	AV	69.00	100	Horizontal	Pass

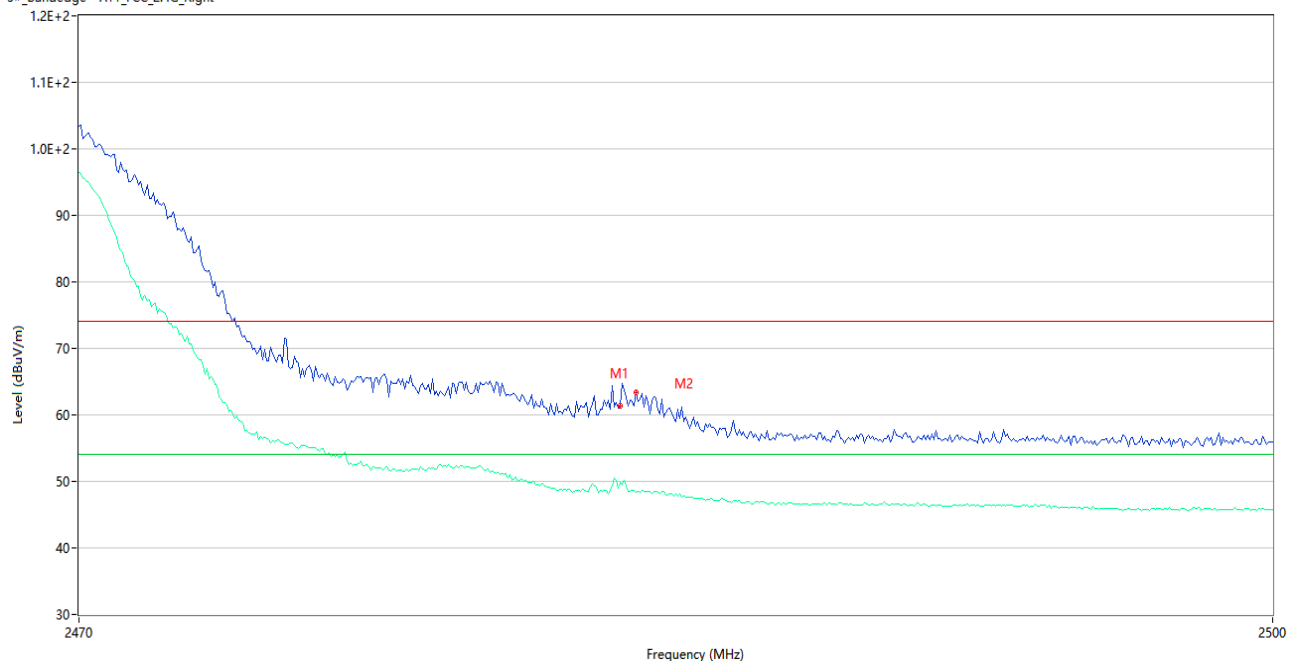
802.11g LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	66.26	74.0	7.74	Peak	237.00	100	Horizontal	Pass
1**	2389.667	50.81	54.0	3.19	AV	237.00	100	Horizontal	Pass
2	2389.833	65.95	74.0	8.05	Peak	223.00	150	Horizontal	Pass
2**	2389.833	50.97	54.0	3.03	AV	223.00	150	Horizontal	Pass

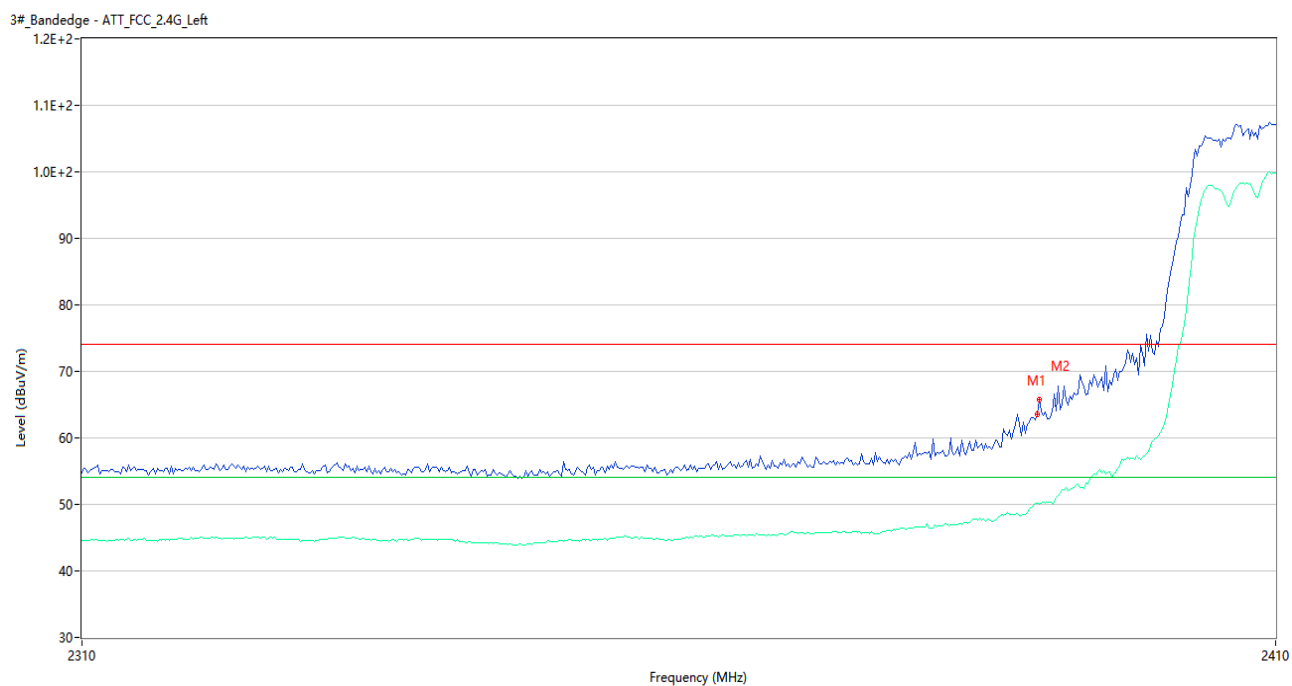
802.11g HIGH CHANNEL

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	2483.550	61.34	74.0	12.66	Peak	222.00	150	Horizontal	Pass
1**	2483.550	49.85	54.0	4.15	AV	222.00	150	Horizontal	Pass
2	2483.950	63.39	74.0	10.61	Peak	46.00	200	Horizontal	Pass
2**	2483.950	48.35	54.0	5.65	AV	46.00	200	Horizontal	Pass

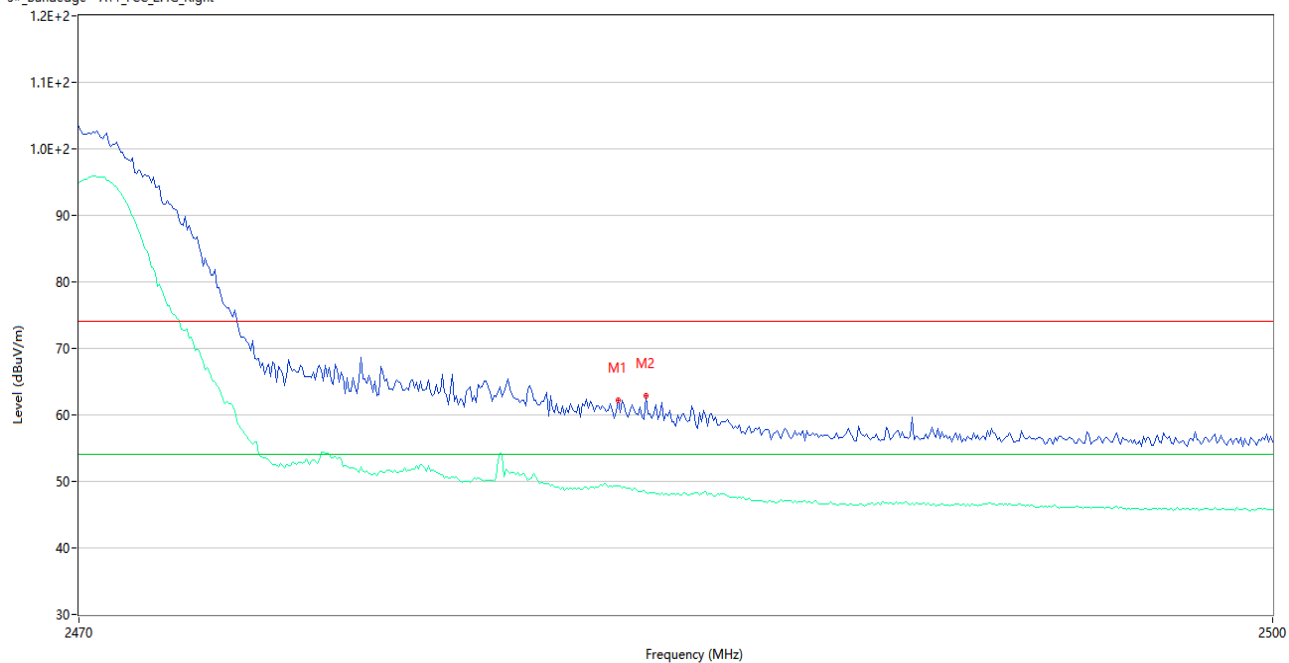
802.11n20 LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	63.63	74.0	10.37	Peak	212.00	100	Horizontal	Pass
1**	2389.667	50.19	54.0	3.81	AV	212.00	100	Horizontal	Pass
2	2389.833	65.69	74.0	8.31	Peak	92.00	100	Horizontal	Pass
2**	2389.833	49.92	54.0	4.08	AV	92.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL

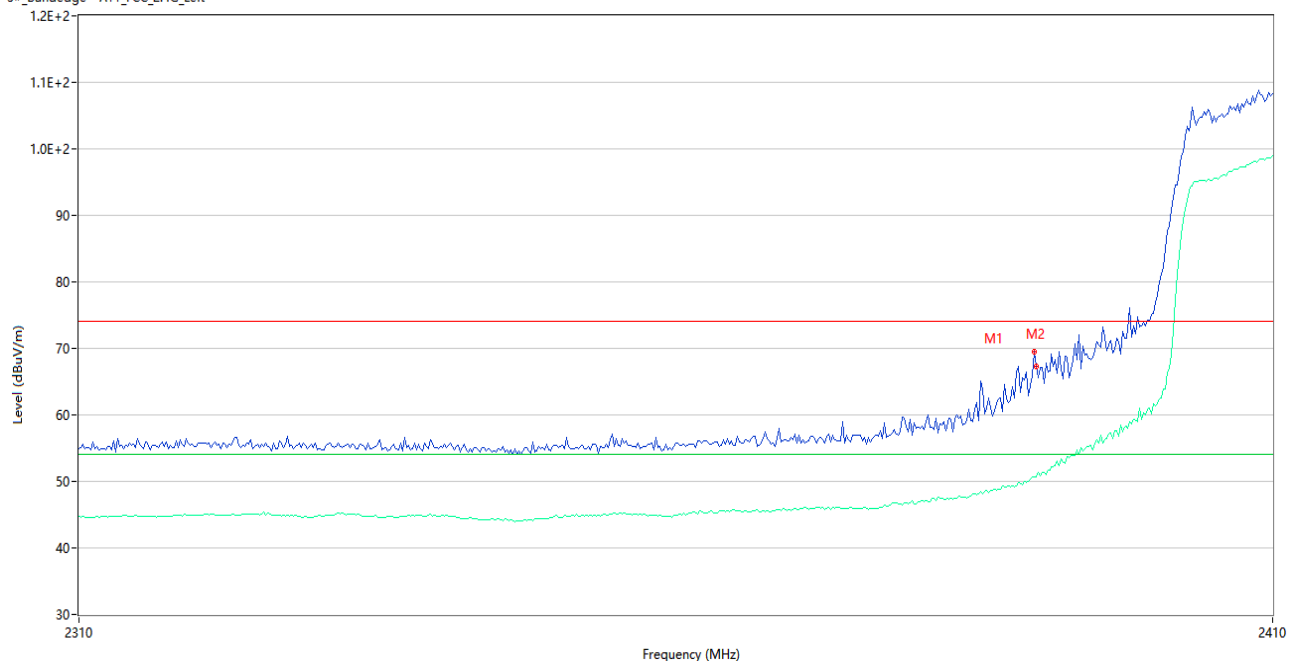
3#_Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	62.20	74.0	11.80	Peak	32.00	150	Horizontal	Pass
1**	2483.500	49.26	54.0	4.74	AV	32.00	150	Horizontal	Pass
2	2484.200	62.85	74.0	11.15	Peak	55.00	100	Horizontal	Pass
2**	2484.200	48.33	54.0	5.67	AV	55.00	100	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

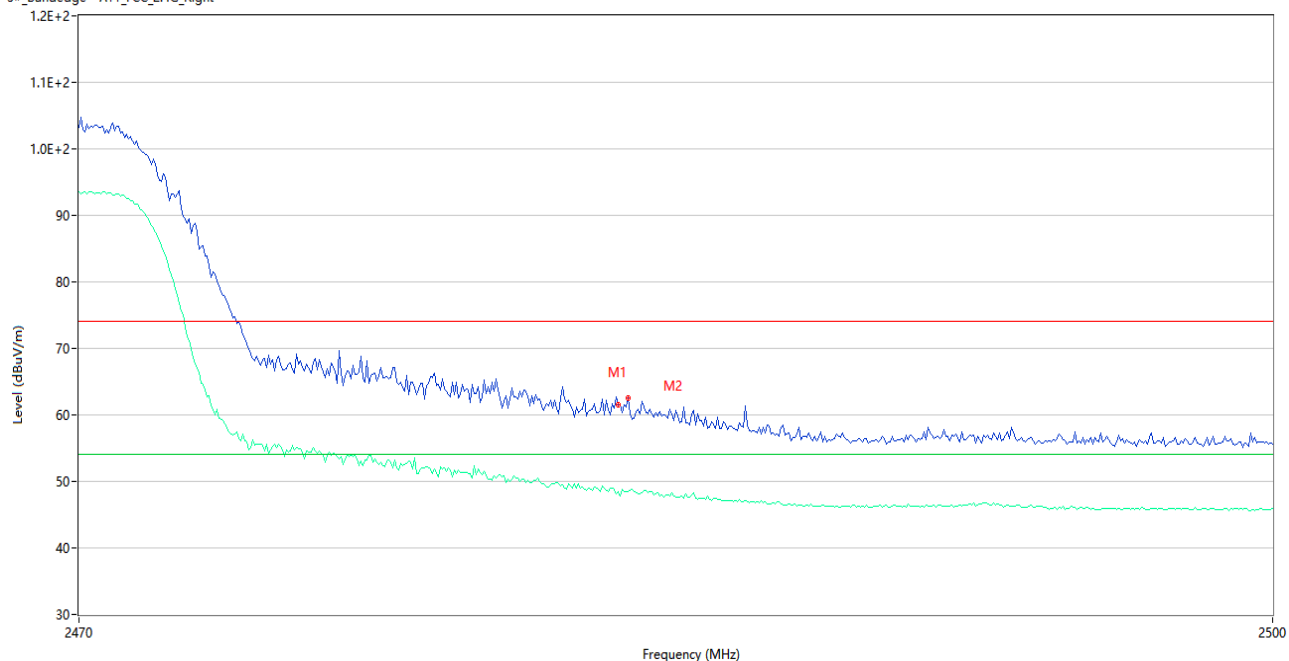
3#_Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.667	69.45	74.0	4.55	Peak	49.00	100	Horizontal	Pass
1**	2389.667	50.69	54.0	3.31	AV	49.00	100	Horizontal	Pass
2	2389.833	67.25	74.0	6.75	Peak	37.00	100	Horizontal	Pass
2**	2389.833	50.64	54.0	3.36	AV	37.00	100	Horizontal	Pass

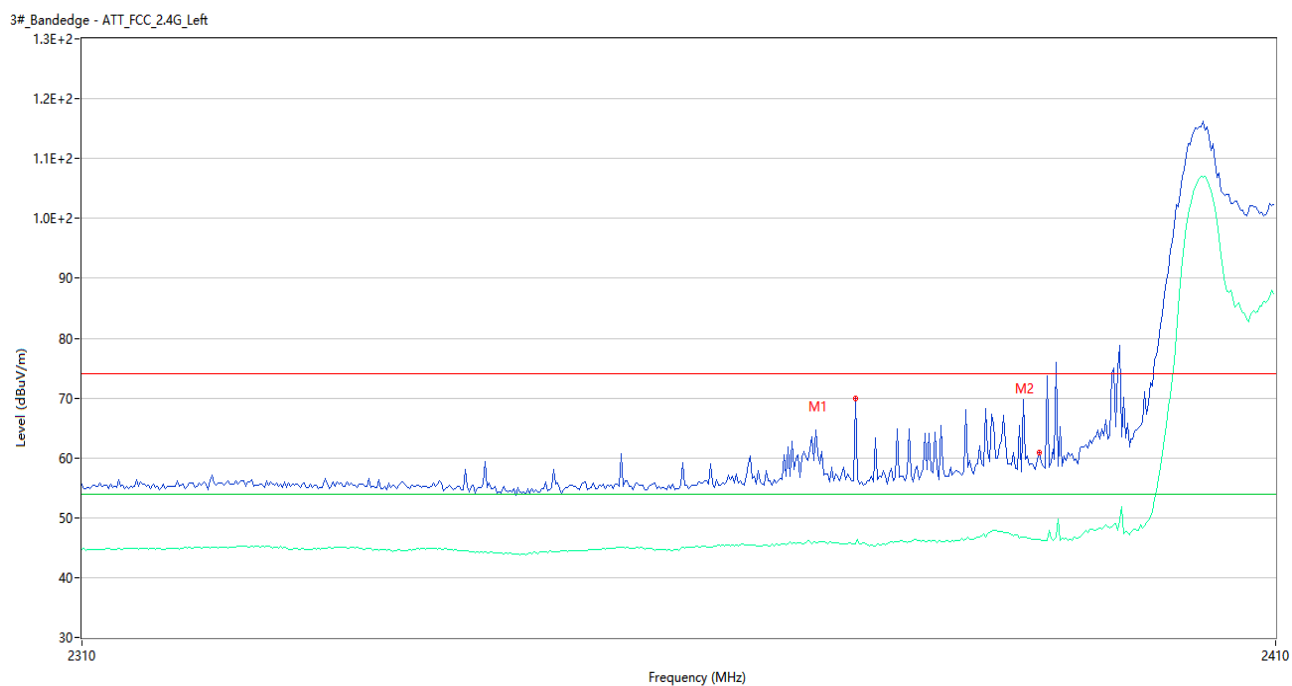
802.11ax20(SU) HIGH CHANNEL

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	61.50	74.0	12.50	Peak	57.00	100	Horizontal	Pass
1**	2483.500	48.45	54.0	5.55	AV	57.00	100	Horizontal	Pass
2	2483.750	62.54	74.0	11.46	Peak	61.00	150	Horizontal	Pass
2**	2483.750	48.54	54.0	5.46	AV	61.00	150	Horizontal	Pass

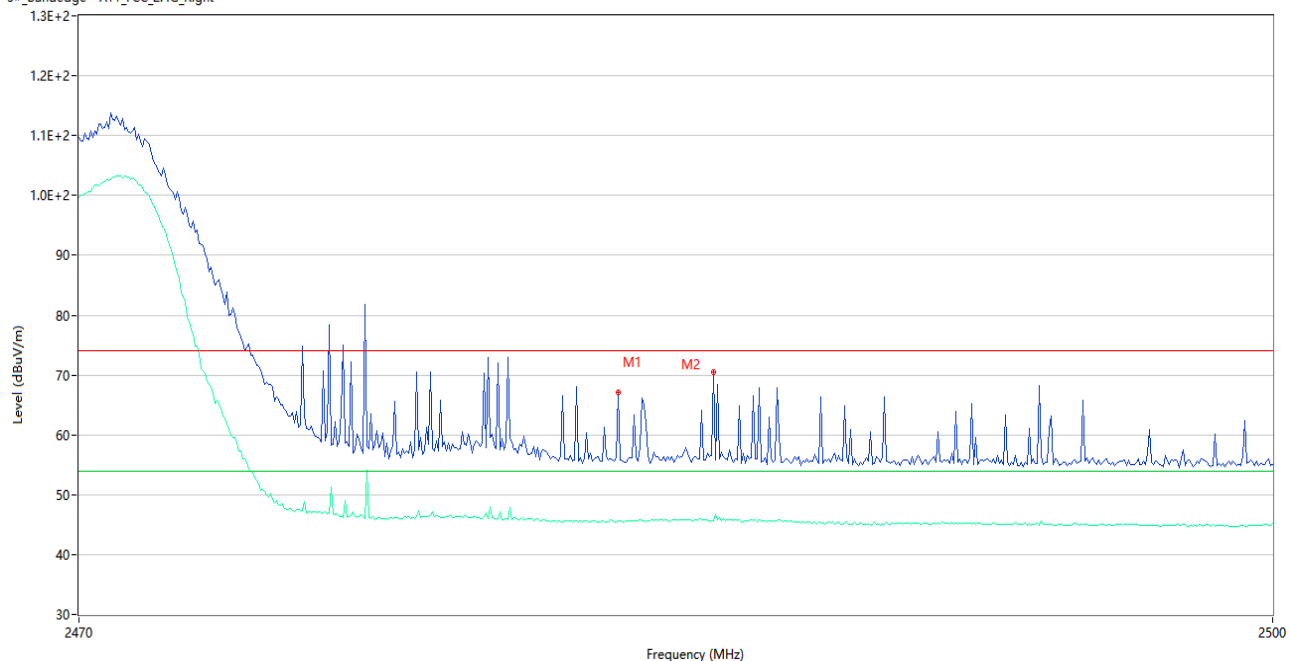
802.11ax20(RU26) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2374.333	69.88	74.0	4.12	Peak	13.00	150	Horizontal	Pass
1**	2374.333	45.71	54.0	8.29	AV	13.00	150	Horizontal	Pass
2	2389.833	60.90	74.0	13.10	Peak	95.00	200	Horizontal	Pass
2**	2389.833	46.33	54.0	7.67	AV	95.00	200	Horizontal	Pass

802.11ax20(RU26) 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	67.12	74.0	6.88	Peak	189.00	200	Horizontal	Pass
1**	2483.500	45.56	54.0	8.44	AV	189.00	200	Horizontal	Pass
2	2485.900	70.55	74.0	3.45	Peak	266.00	200	Horizontal	Pass
2**	2485.900	45.64	54.0	8.36	AV	266.00	200	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Test Data

ANT1

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.56	8	Pass
Middle	-9.80	8	Pass
High	-9.57	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-8.38	8	Pass
Middle	-8.88	8	Pass
High	-12.61	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.97	8	Pass
Middle	-9.05	8	Pass
High	-13.08	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-9.93	8	Pass
Middle	-9.48	8	Pass
High	-13.66	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.06	8	Pass
Middle	-2.85	8	Pass
High	-11.77	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-3.43	8	Pass
Middle	-4.84	8	Pass
High	-5.06	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-8.30	8	Pass
Middle	-7.14	8	Pass
High	-7.86	8	Pass

ANT2**802.11b Mode:**

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-10.42	8	Pass
Middle	-10.77	8	Pass
High	-11.65	8	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.86	8	Pass
Middle	-8.86	8	Pass
High	-13.44	8	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-12.16	8	Pass
Middle	-8.96	8	Pass
High	-14.18	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-8.84	8	Pass
Middle	-9.24	8	Pass
High	-15.25	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-8.27	8	Pass
Middle	-2.24	8	Pass
High	-11.92	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-2.84	8	Pass
Middle	-4.37	8	Pass
High	-4.04	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-8.03	8	Pass
Middle	-8.13	8	Pass
High	-8.32	8	Pass

MIMO

802.11b Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-5.75	6.27	Pass
Middle	-7.25	6.27	Pass
High	-7.48	6.27	Pass

802.11g Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-5.10	6.27	Pass
Middle	-5.86	6.27	Pass
High	-9.99	6.27	Pass

802.11n-20 MHz Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-7.92	8	Pass
Middle	-5.99	8	Pass
High	-10.58	8	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-6.34	8	Pass
Middle	-6.35	8	Pass
High	-11.37	8	Pass

802.11ax-20 MHz(RU26) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-4.61	8	Pass
Middle	0.48	8	Pass
High	-8.83	8	Pass

802.11ax-20 MHz(RU52) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-0.12	8	Pass
Middle	-1.59	8	Pass
High	-1.51	8	Pass

802.11ax-20 MHz(RU106) Mode:

Channel	Spectral Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Low	-5.15	8	Pass
Middle	-4.59	8	Pass
High	-5.08	8	Pass

Test Plots

ANT1

802.11b LOW CHANNEL



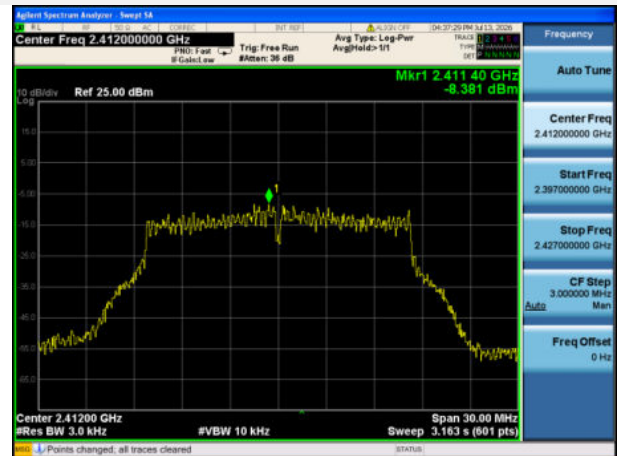
802.11b MIDDLE CHANNEL



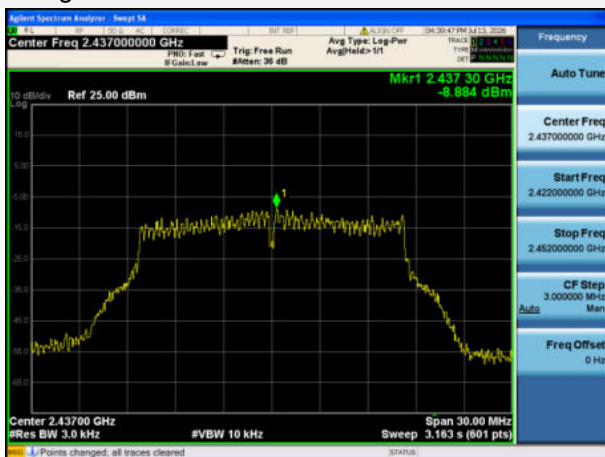
802.11b HIGH CHANNEL



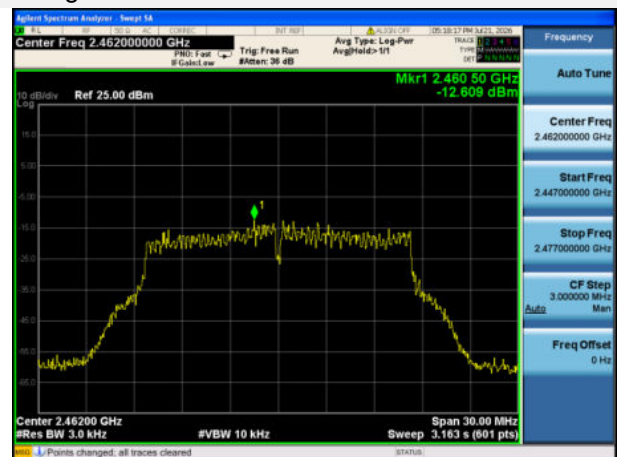
802.11g LOW CHANNEL



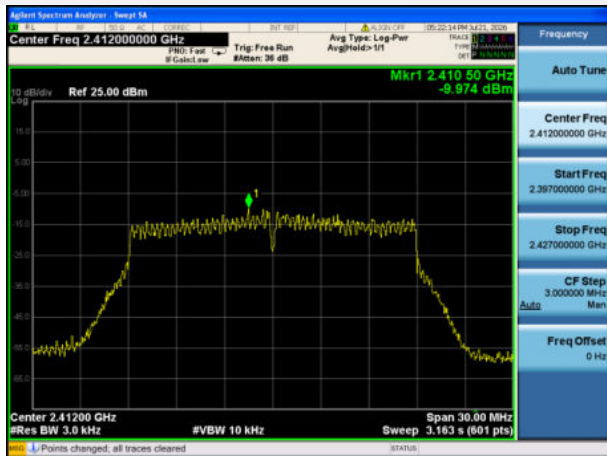
802.11g MIDDLE CHANNEL



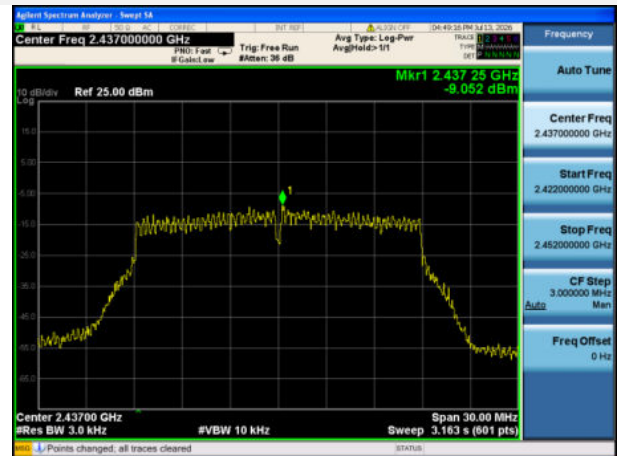
802.11g HIGH CHANNEL



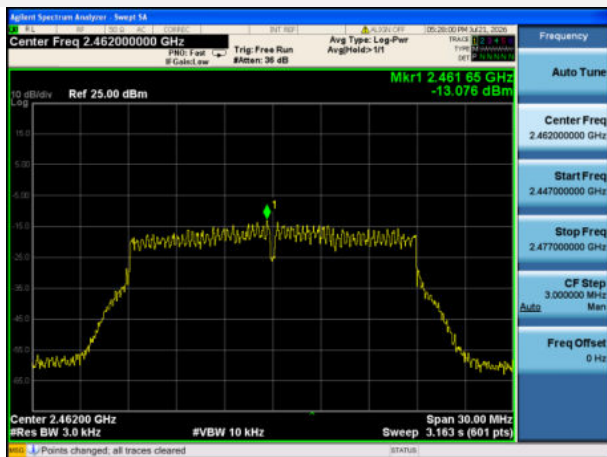
802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



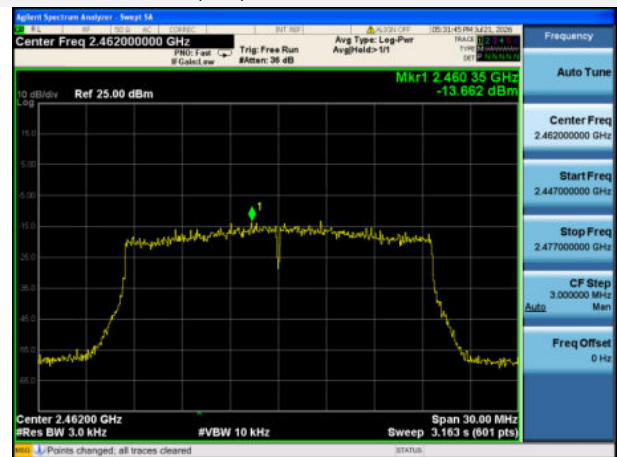
802.11ax-20 MHz(SU) LOW CHANNEL



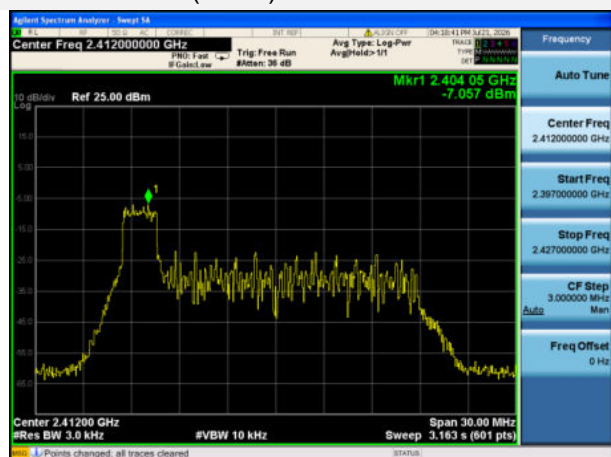
802.11ax-20 MHz(SU) MIDDLE CHANNEL



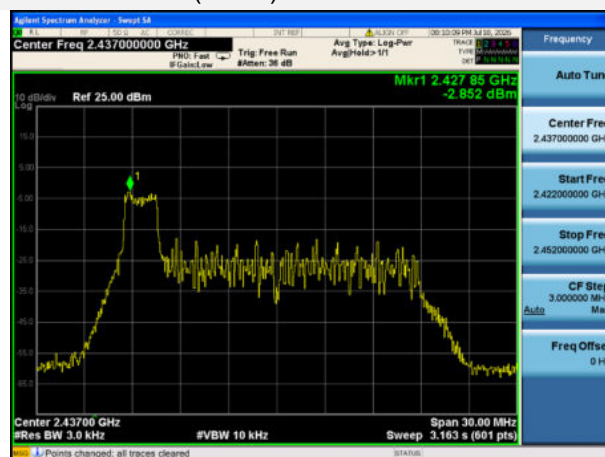
802.11ax-20 MHz(SU) HIGH CHANNEL



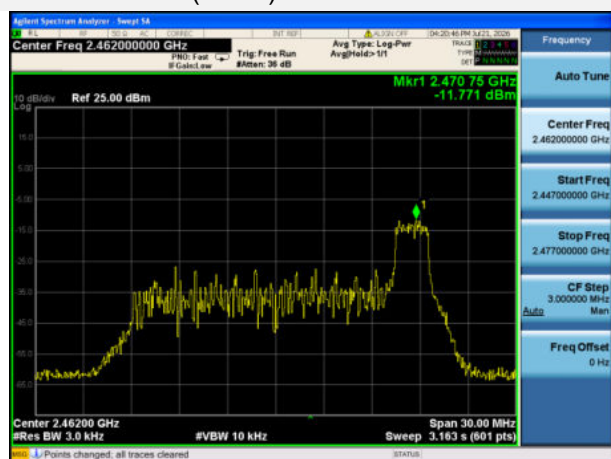
802.11ax-20 MHz(RU26) LOW CHANNEL



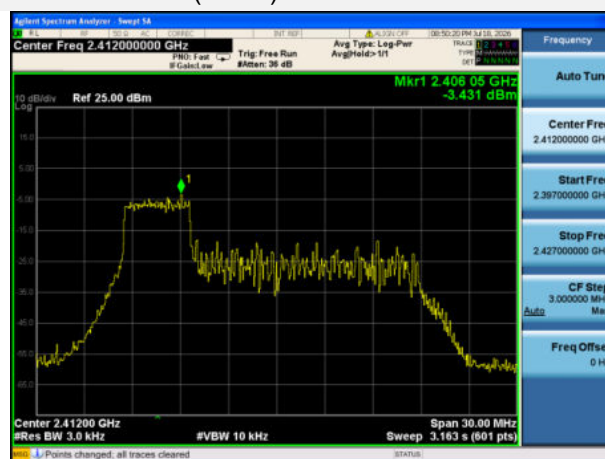
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



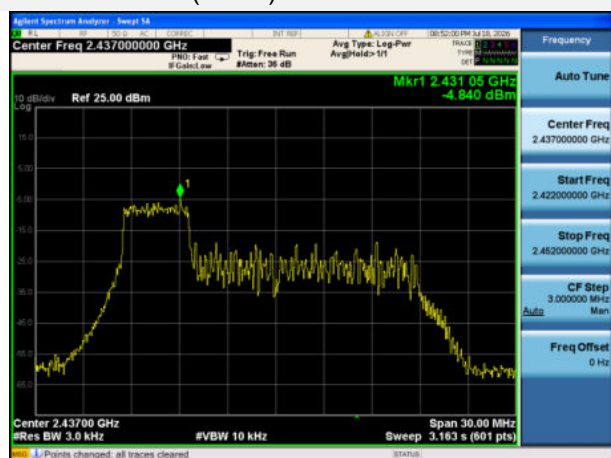
802.11ax-20 MHz(RU26) HIGH CHANNEL



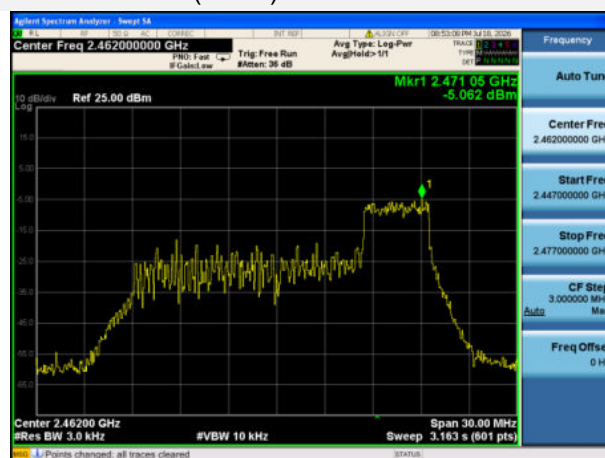
802.11ax-20 MHz(RU52) LOW CHANNEL



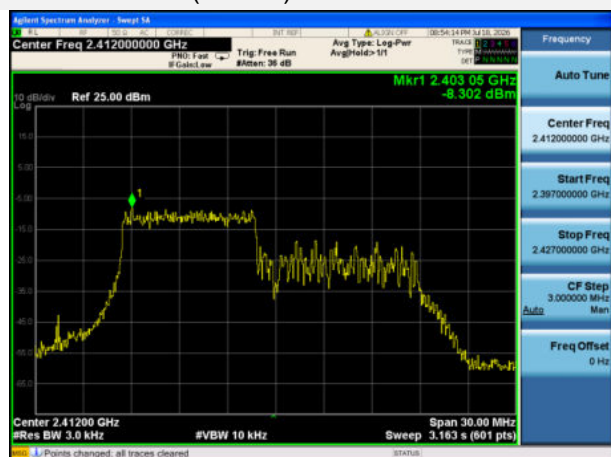
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



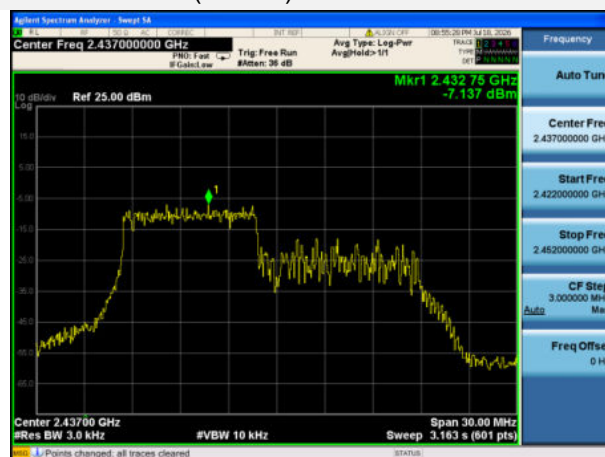
802.11ax-20 MHz(RU52) HIGH CHANNEL



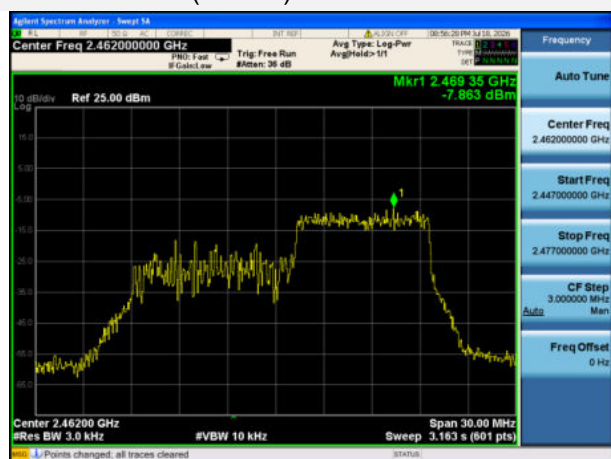
802.11ax-20 MHz(RU106) LOW CHANNEL



802.11ax-20 MHz(RU106) MIDDLE CHANNEL



802.11ax-20 MHz(RU106) HIGH CHANNEL



ANT2

802.11b LOW CHANNEL



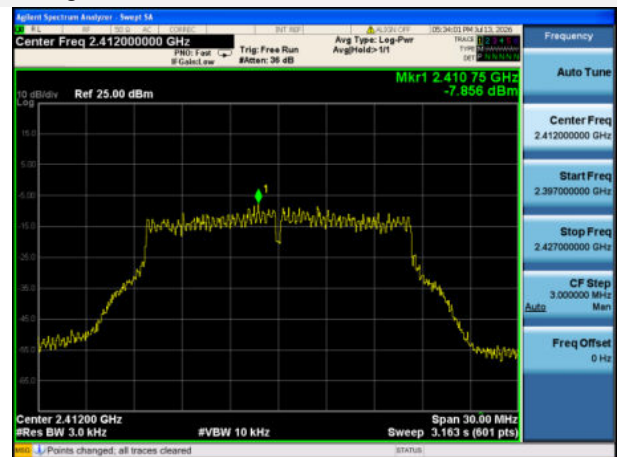
802.11b MIDDLE CHANNEL



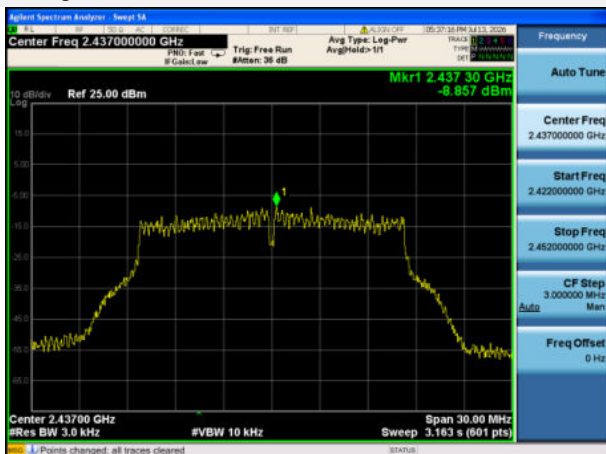
802.11b HIGH CHANNEL



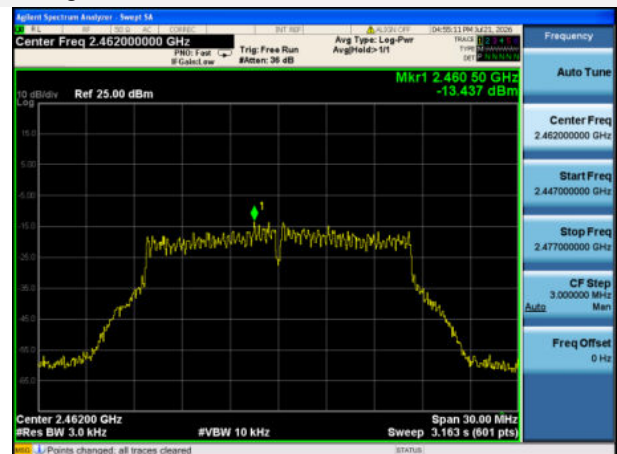
802.11g LOW CHANNEL



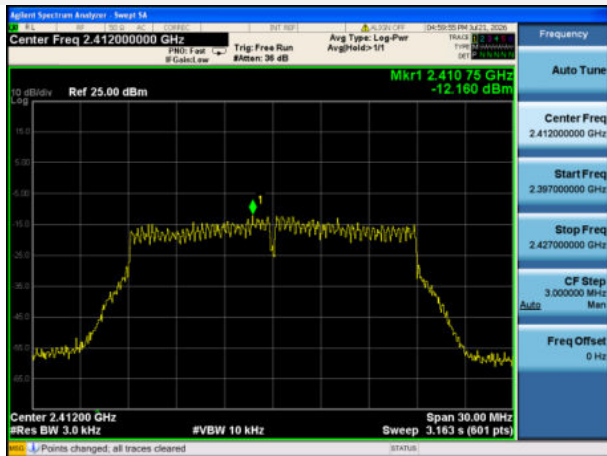
802.11g MIDDLE CHANNEL



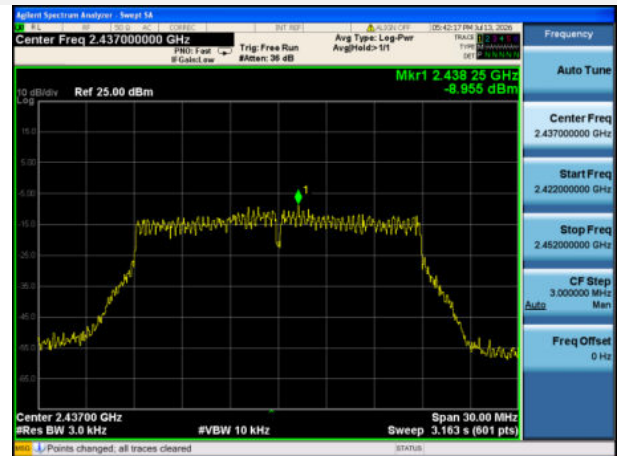
802.11g HIGH CHANNEL



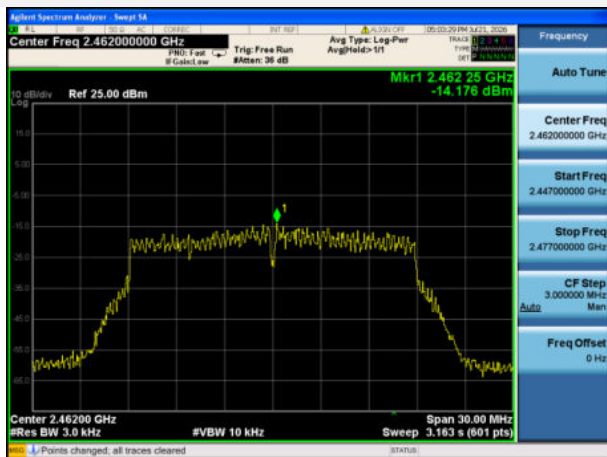
802.11n-20 MHz LOW CHANNEL



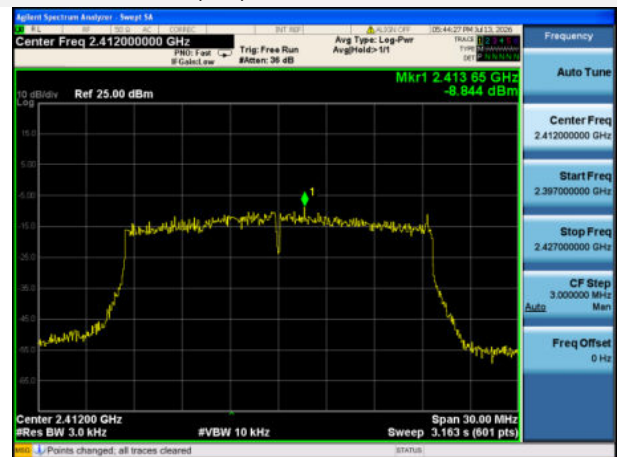
802.11n-20 MHz MIDDLE CHANNEL



802.11n-20 MHz HIGH CHANNEL



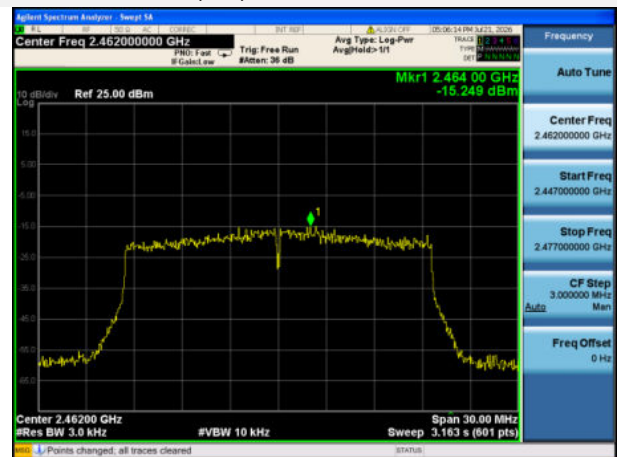
802.11ax-20 MHz(SU) LOW CHANNEL



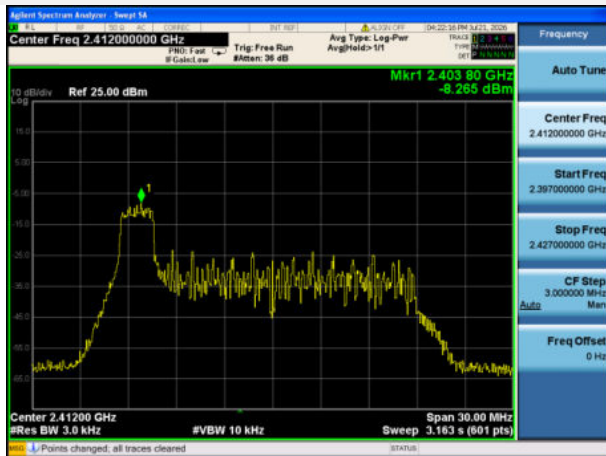
802.11ax-20 MHz(SU) MIDDLE CHANNEL



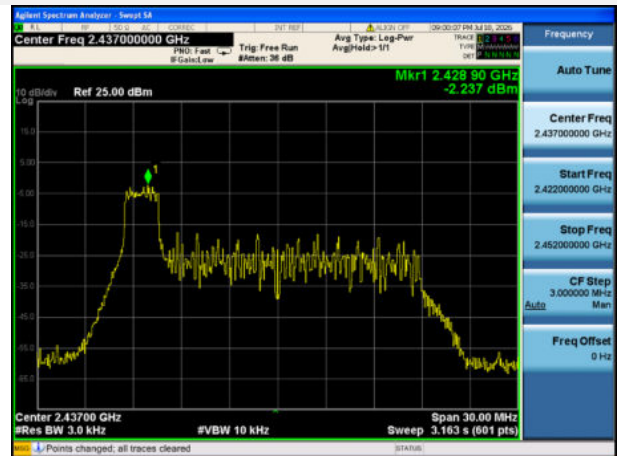
802.11ax-20 MHz(SU) HIGH CHANNEL



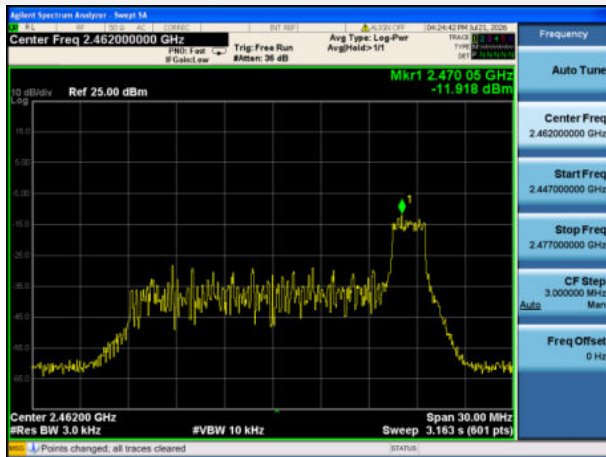
802.11ax-20 MHz(RU26) LOW CHANNEL



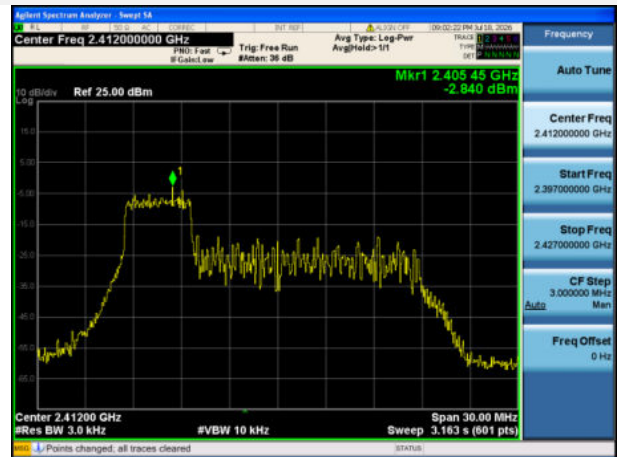
802.11ax-20 MHz(RU26) MIDDLE CHANNEL



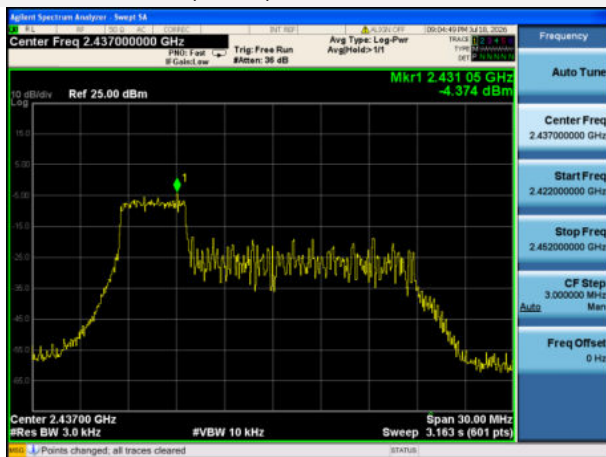
802.11ax-20 MHz(RU26) HIGH CHANNEL



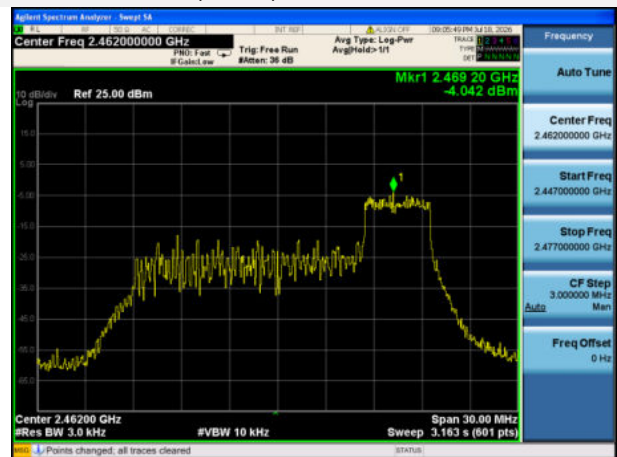
802.11ax-20 MHz(RU52) LOW CHANNEL



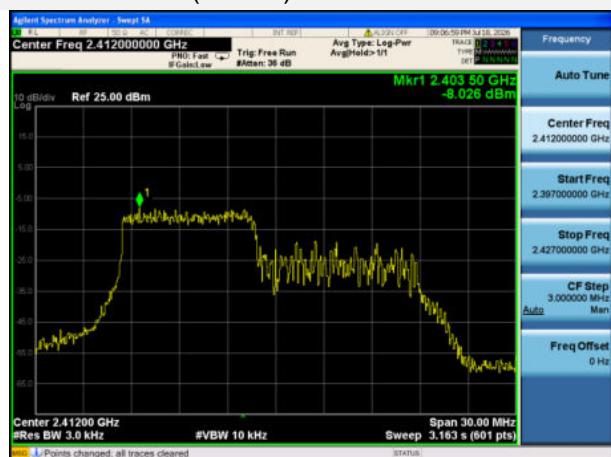
802.11ax-20 MHz(RU52) MIDDLE CHANNEL



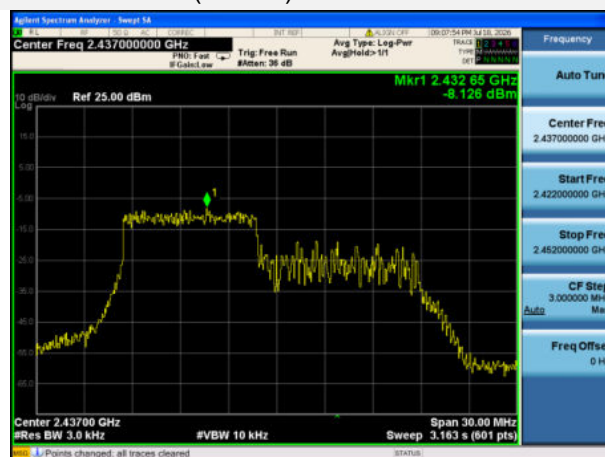
802.11ax-20 MHz(RU52) HIGH CHANNEL



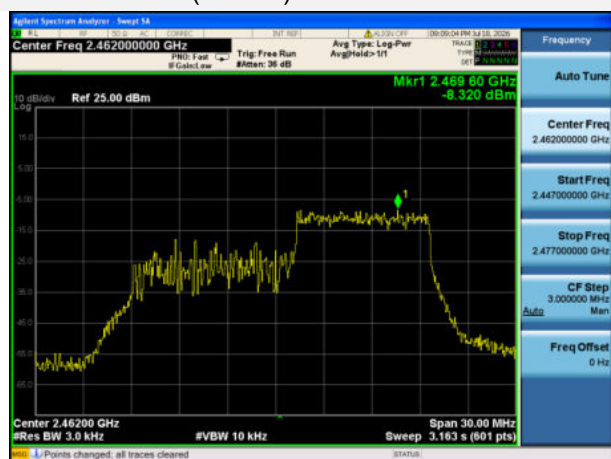
802.11ax-20 MHz(RU106) LOW CHANNEL



802.11ax-20 MHz(RU106) MIDDLE CHANNEL



802.11ax-20 MHz(RU106) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26070260-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26070260-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26070260-AI.PDF”.

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