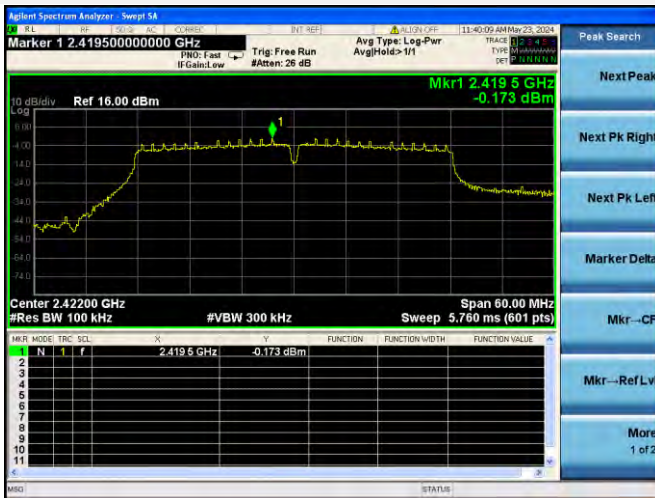
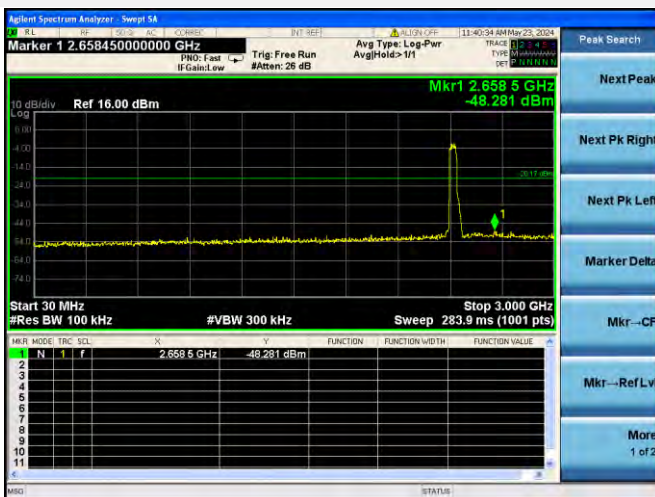
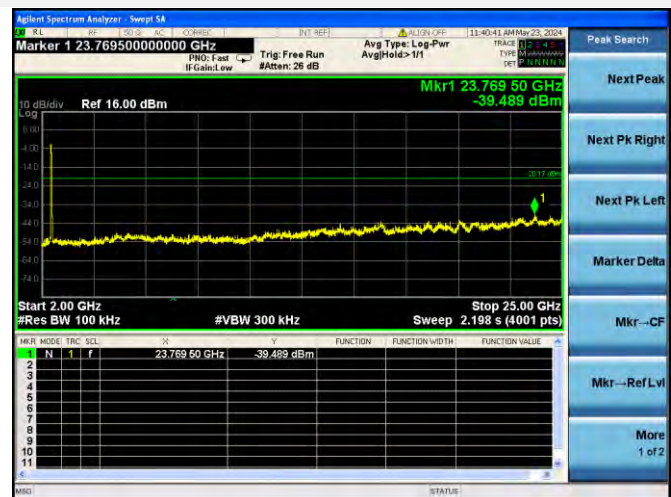
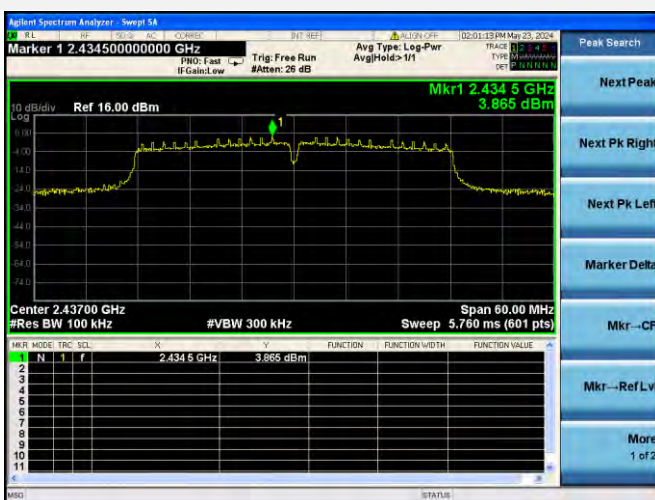


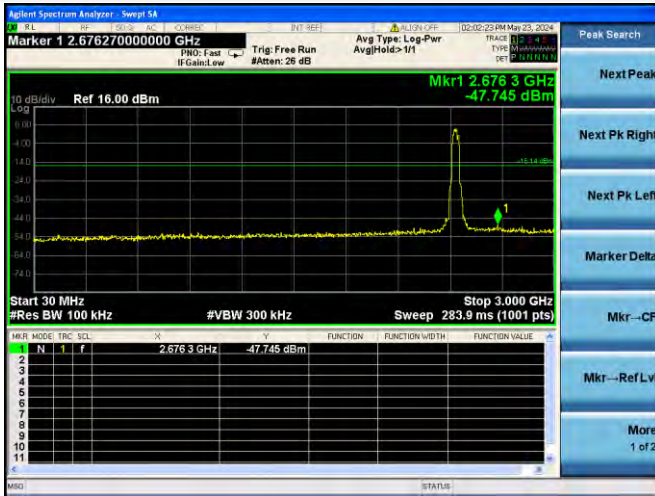
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

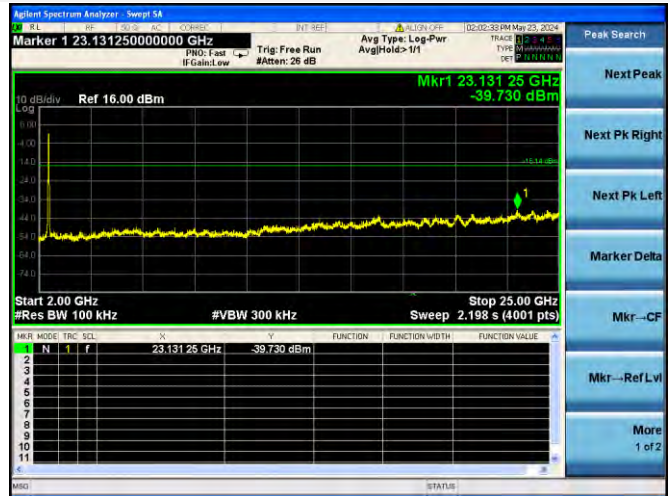
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



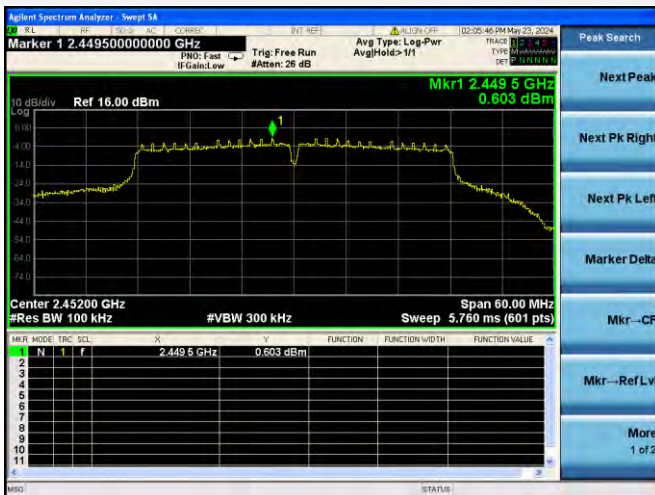
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



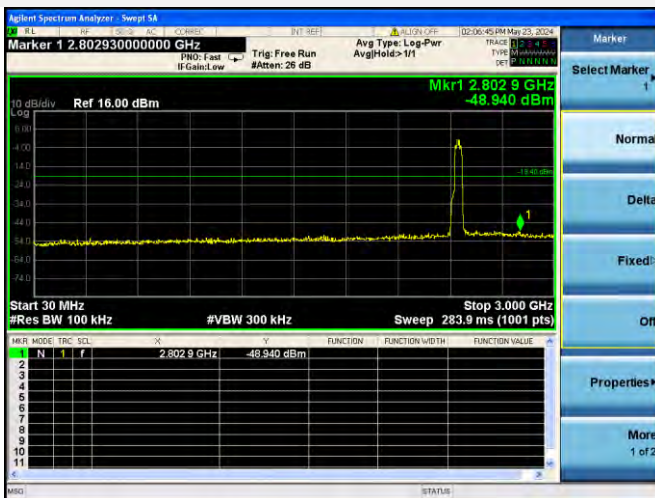
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



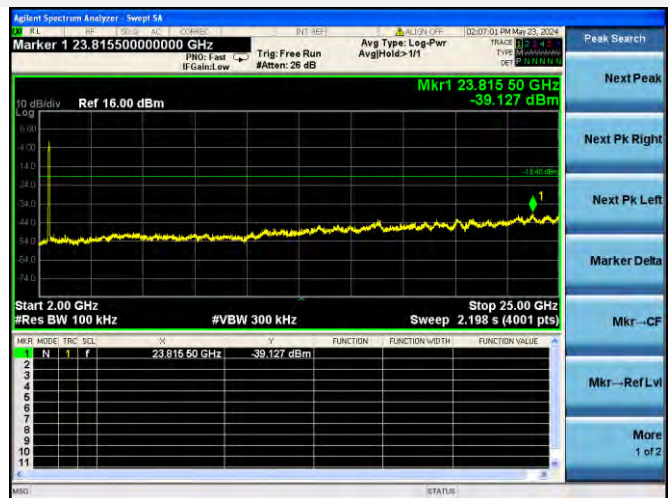
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



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



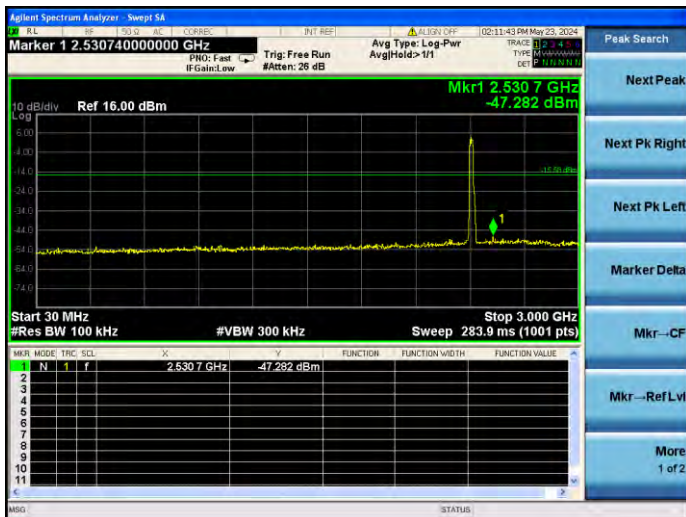
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



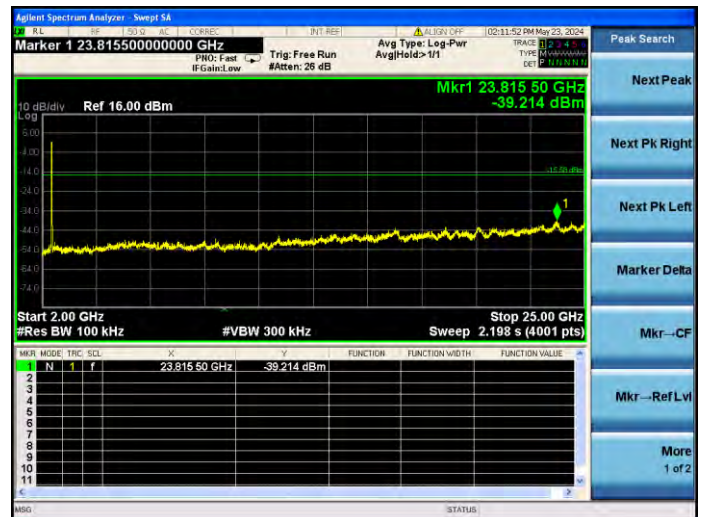
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



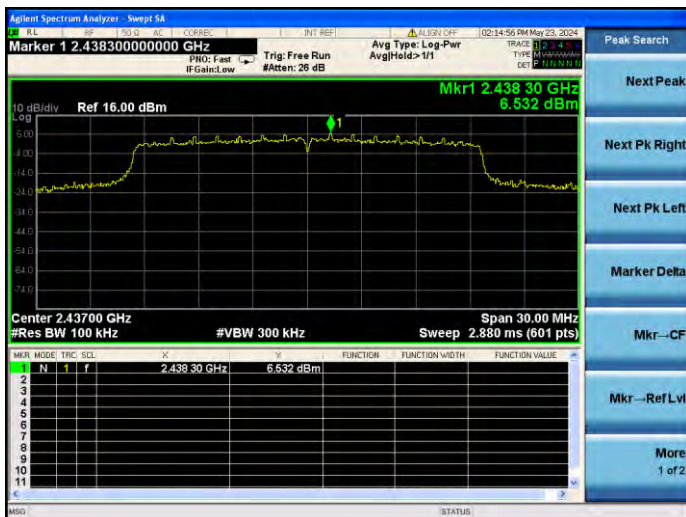
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

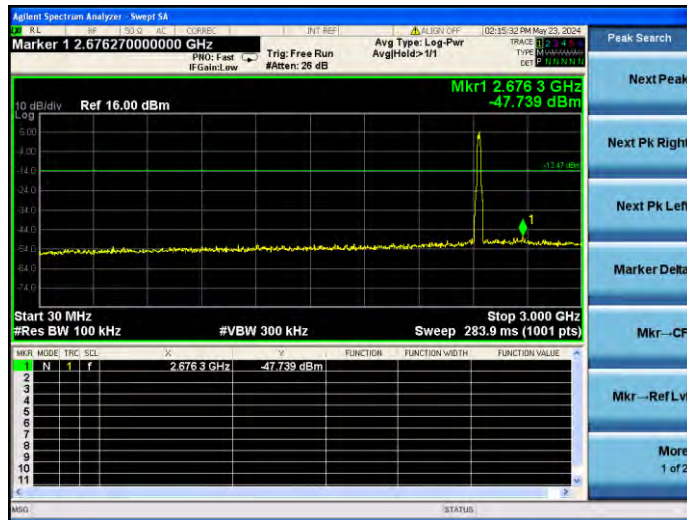
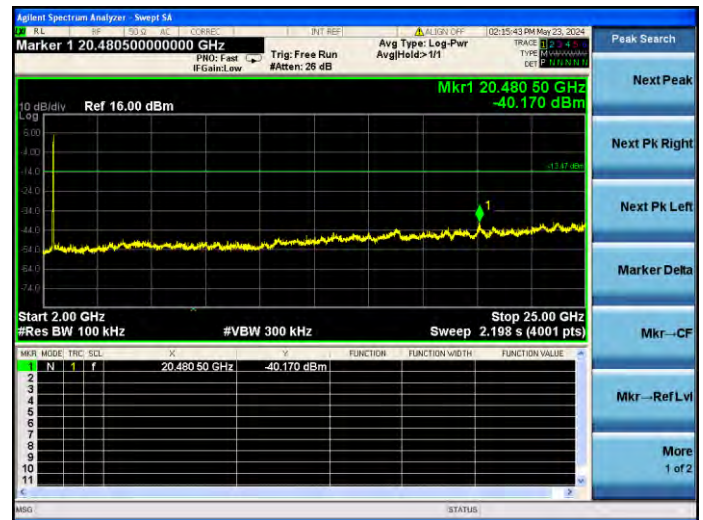
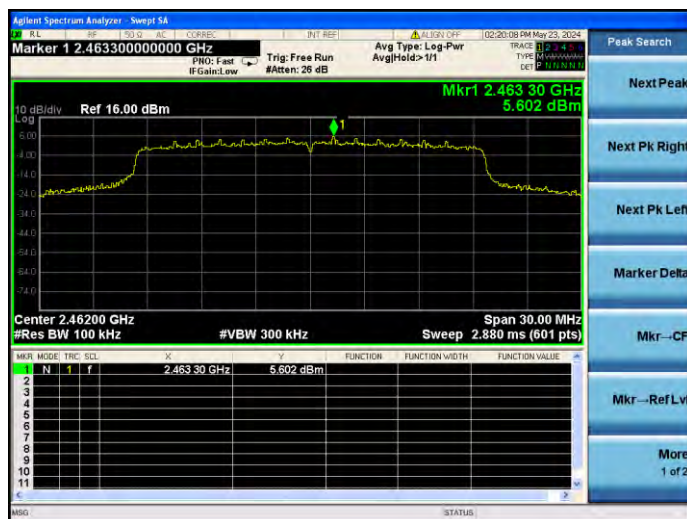
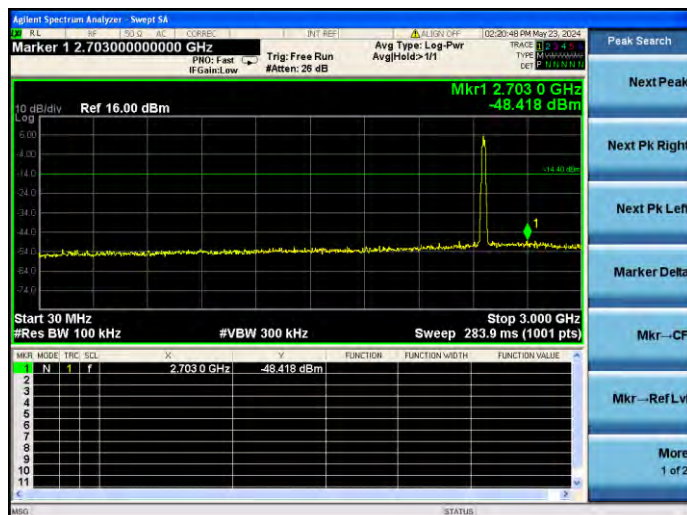
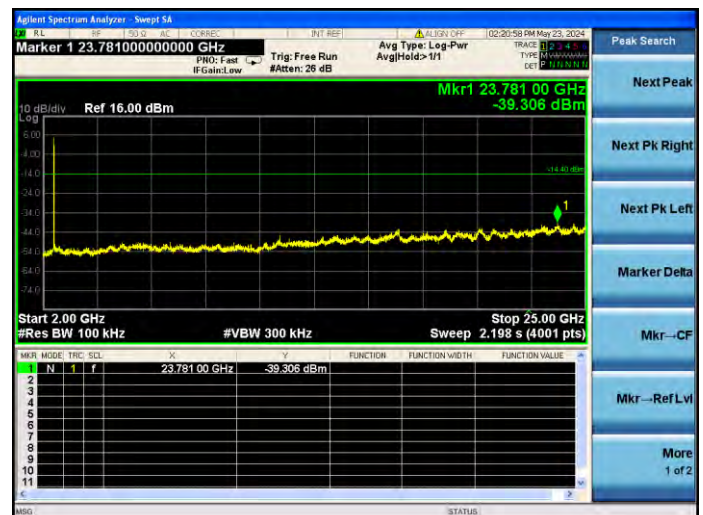


802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

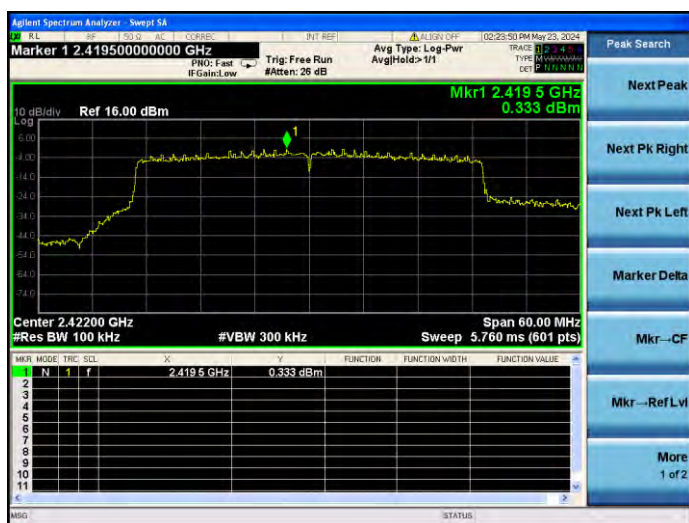
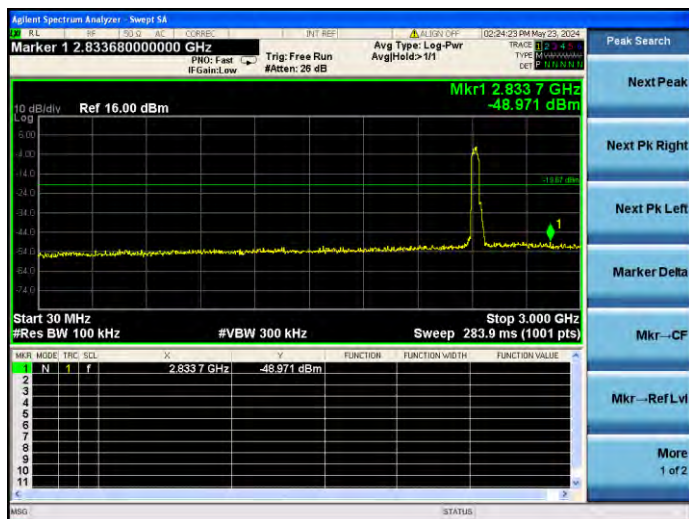
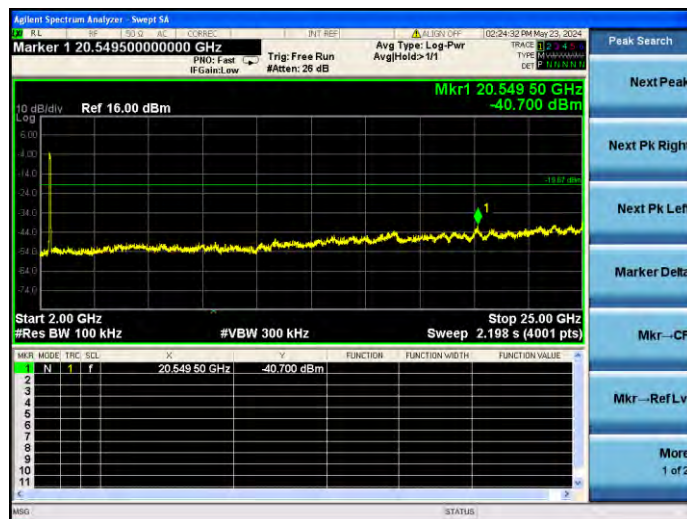
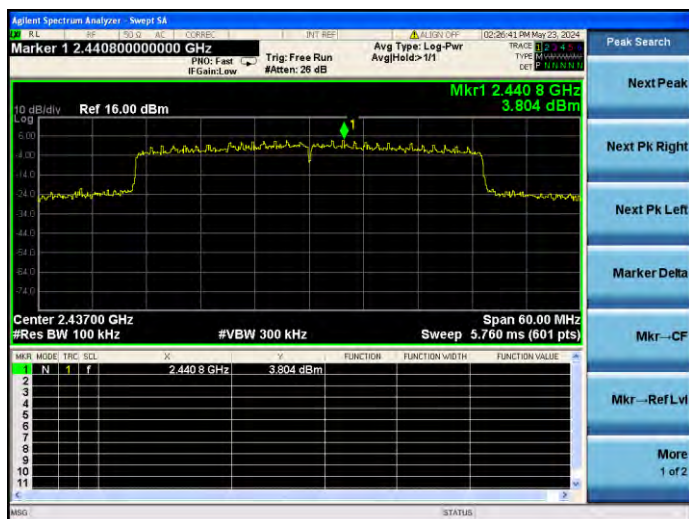


802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL

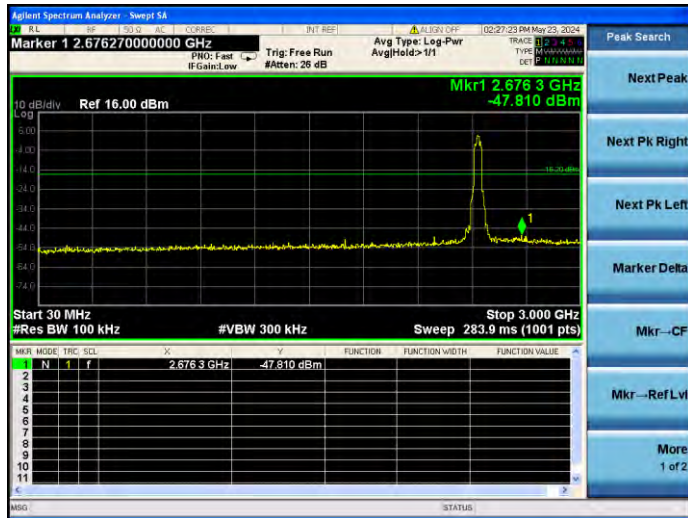


802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER
LEVEL802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz

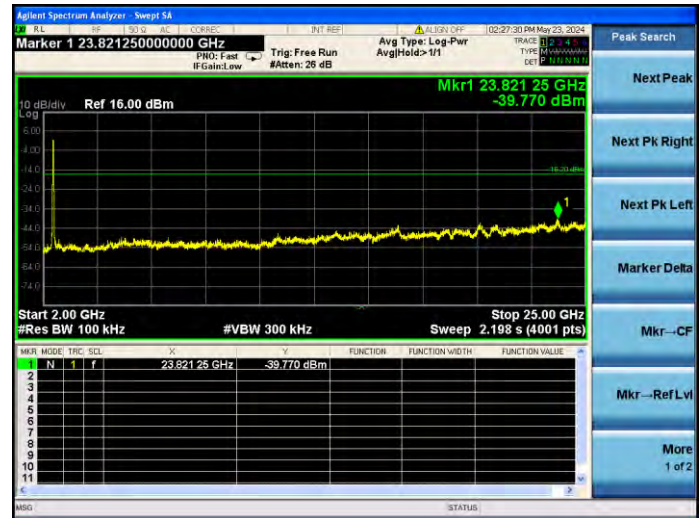
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL

802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS
2 GHz ~ 25 GHz802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER
LEVEL

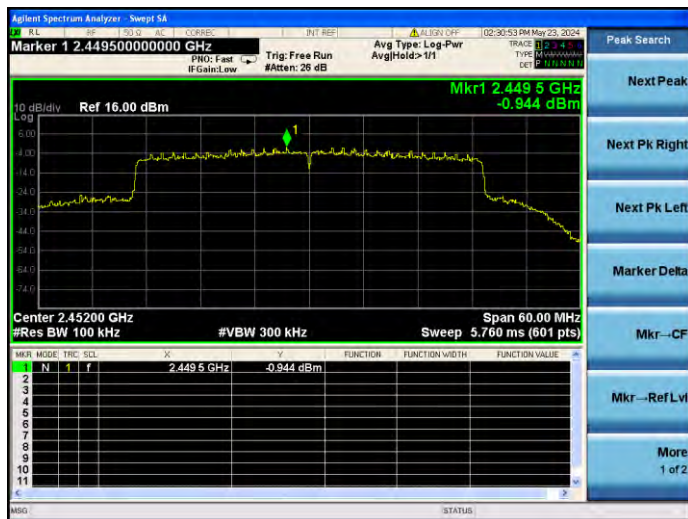
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



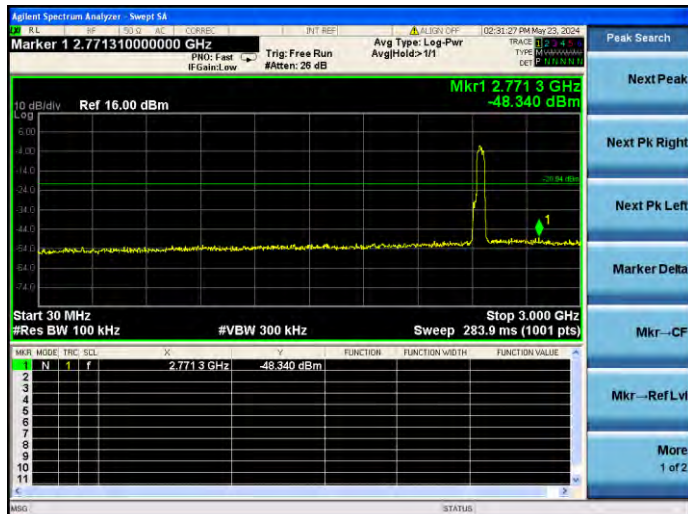
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



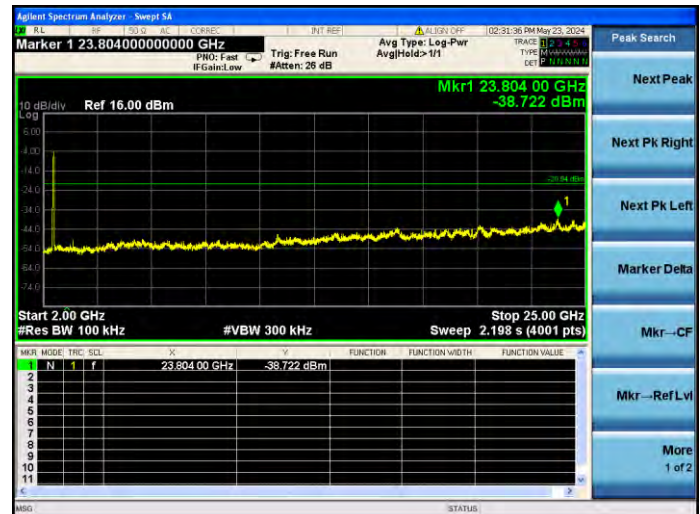
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 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 antenna were pre tested, but only the worst case has been reported in this report.

SISO-0 Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.48	7.49	-12.51	Pass
High Channel	-47.61	7.74	-12.26	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.81	5.66	-14.34	Pass
High Channel	-46.21	6.74	-13.26	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.35	5.89	-14.11	Pass
High Channel	-46.74	6.72	-13.28	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.88	-0.17	-20.17	Pass
High Channel	-44.34	0.60	-19.40	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	-41.03	4.42	-15.58	Pass
High Channel	-46.26	5.60	-14.40	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-33.91	0.33	-19.67	Pass
High Channel	-46.38	-0.94	-20.94	Pass

SISO-0 Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



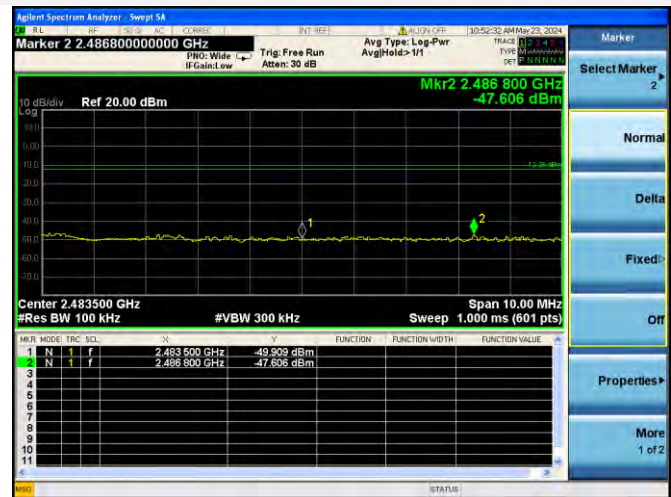
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



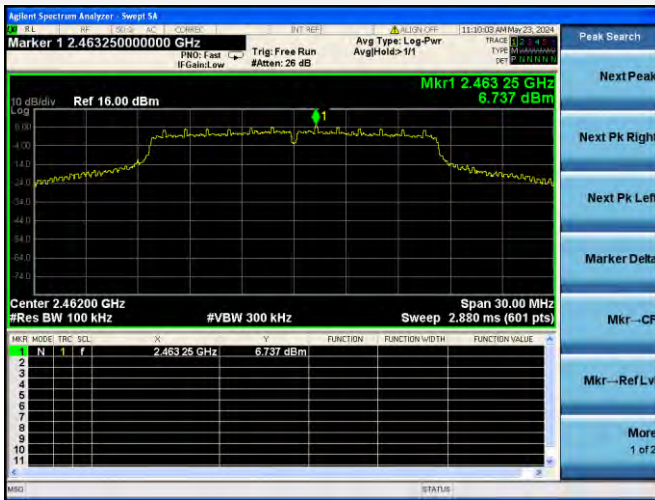
802.11g LOW CHANNEL, CARRIER LEVEL



802.11g LOW CHANNEL, BAND EDGE



802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



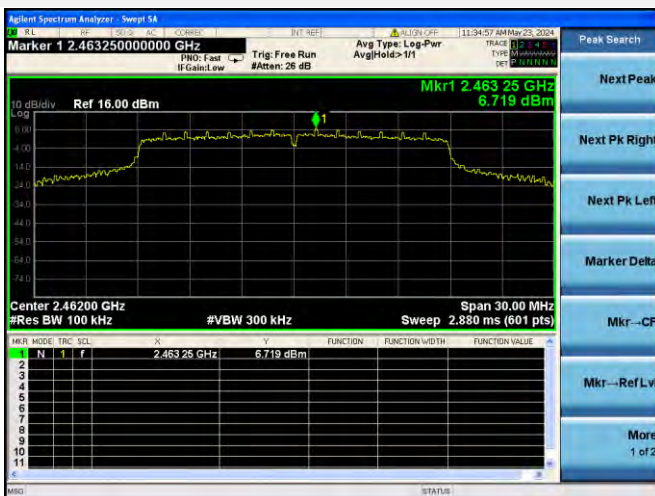
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



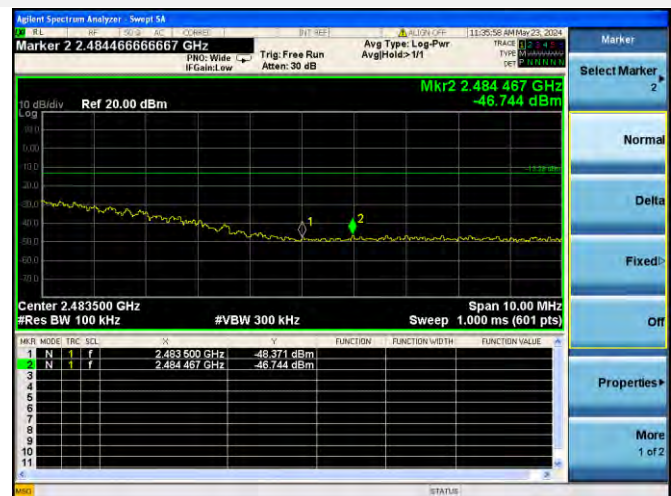
802.11n-20 MHz LOW CHANNEL, BAND EDGE



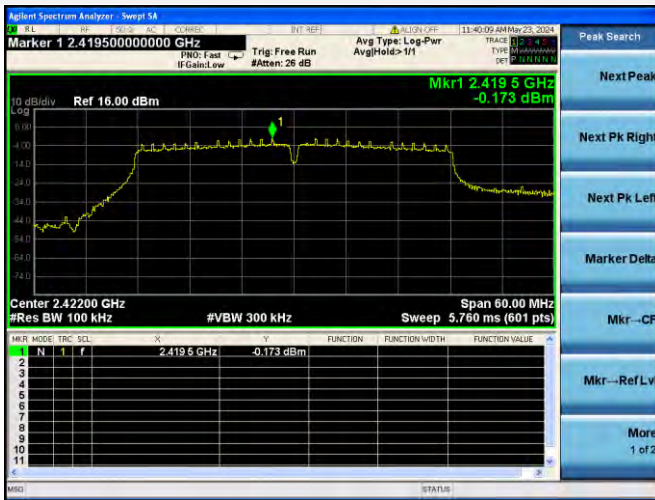
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



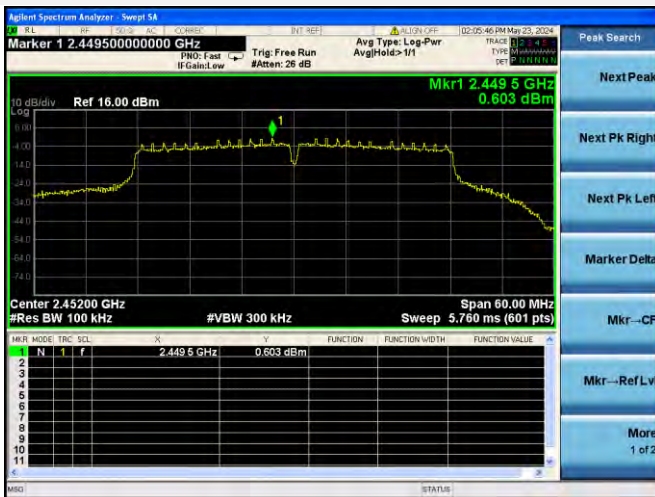
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



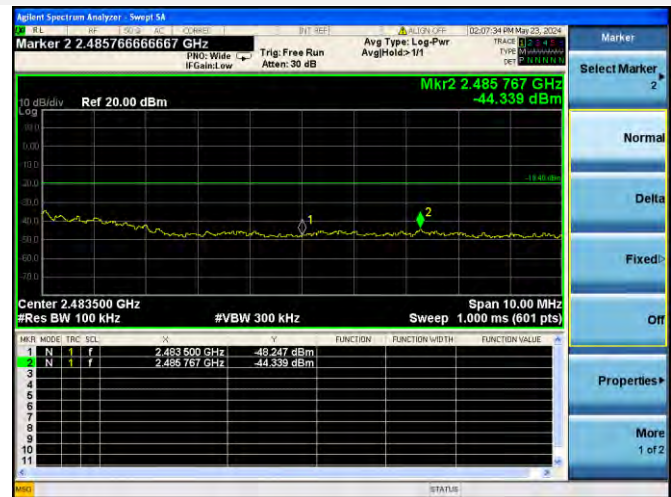
802.11n-40 MHz LOW CHANNEL, BAND EDGE



802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



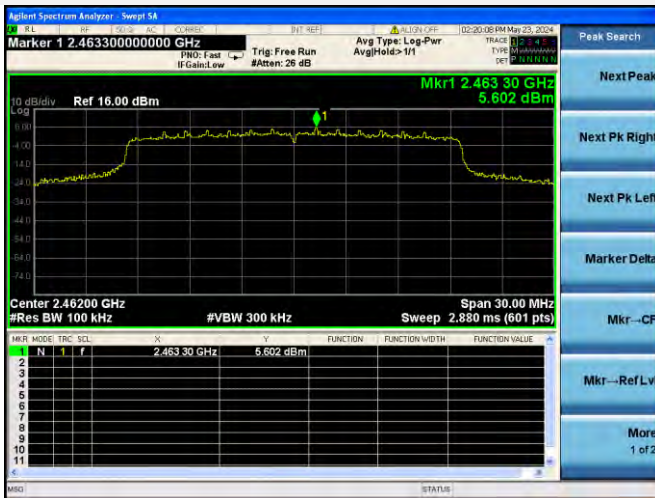
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



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



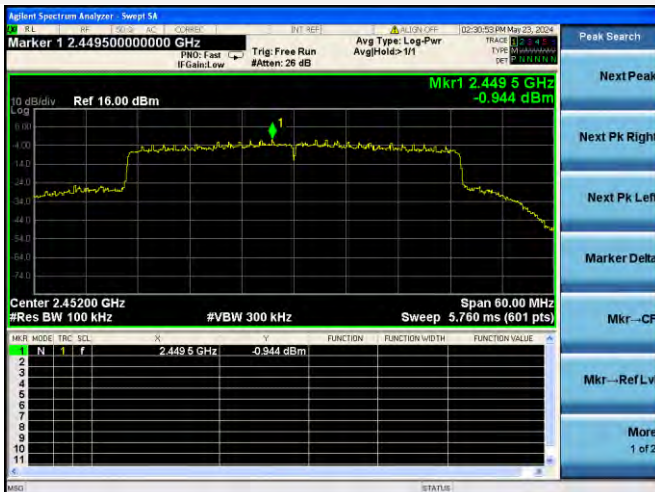
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



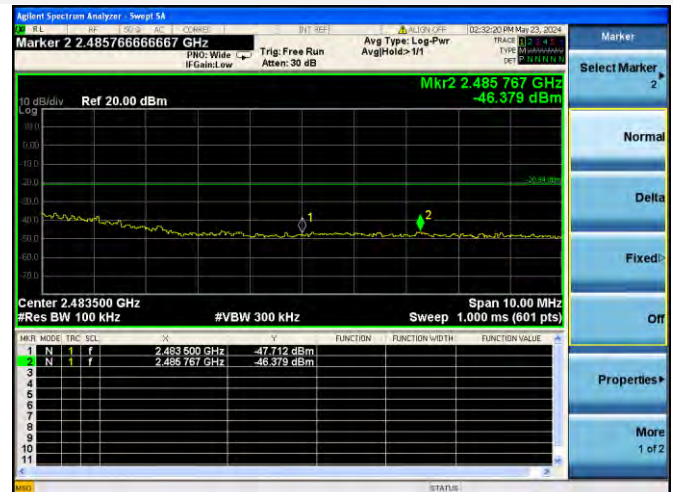
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



802.11ax-40 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



802.11ax-40 MHz(SU) HIGH CHANNEL, BAND EDGE



A.5 Conducted Emissions

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

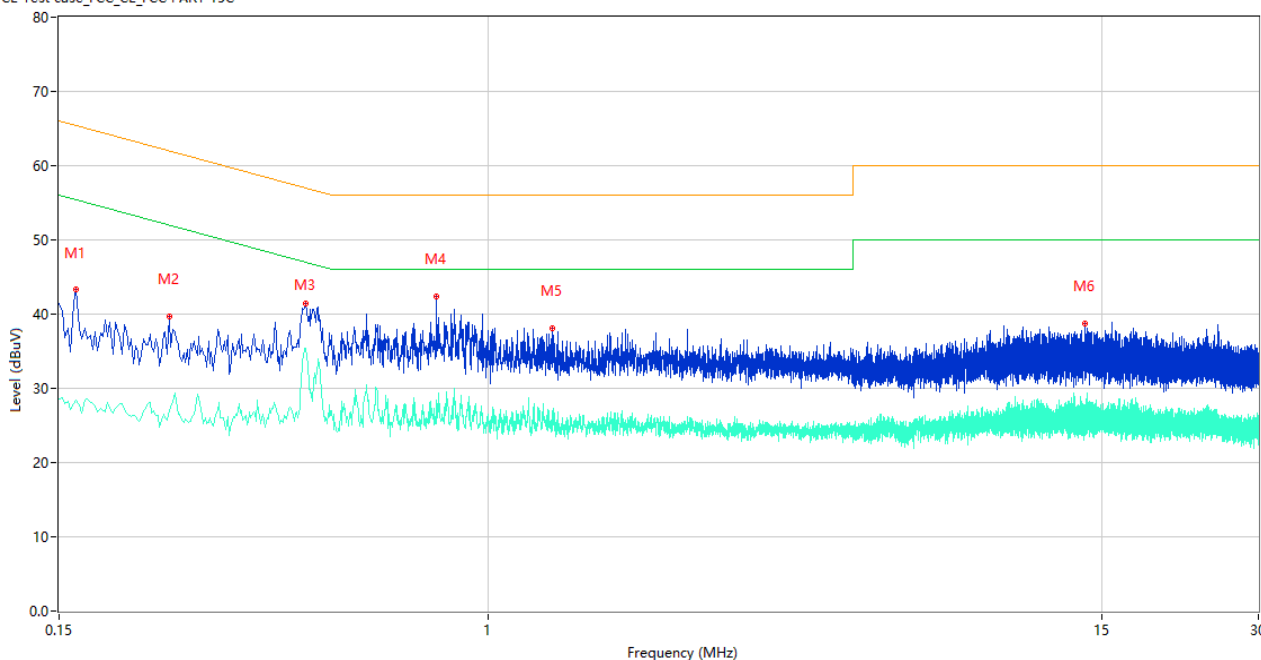
Note 2: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note 3: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

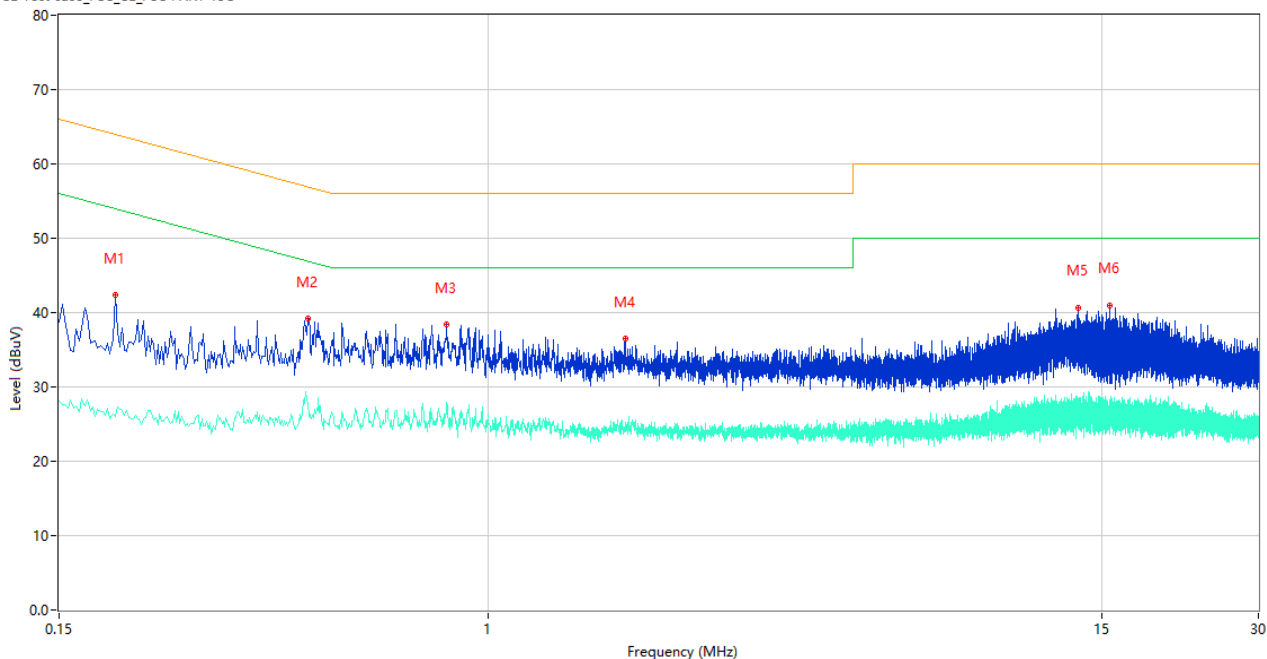
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.162	43.33	9.78	65.36	22.03	Peak	L	Pass
1**	0.162	28.35	9.78	55.36	27.01	AV	L	Pass
2	0.244	39.75	9.77	61.96	22.21	Peak	L	Pass
2**	0.244	26.98	9.77	51.96	24.98	AV	L	Pass
3	0.446	41.48	10.07	56.95	15.47	Peak	L	Pass
3**	0.446	35.32	10.07	46.95	11.63	AV	L	Pass
4	0.796	42.45	10.50	56.00	13.55	Peak	L	Pass
4**	0.796	28.43	10.50	46.00	17.57	AV	L	Pass
5	1.328	38.14	10.22	56.00	17.86	Peak	L	Pass
5**	1.328	27.04	10.22	46.00	18.96	AV	L	Pass
6	13.978	38.72	10.37	60.00	21.28	Peak	L	Pass
6**	13.978	27.81	10.37	50.00	22.19	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	0.192	42.36	9.77	63.95	21.59	Peak	N	Pass
1**	0.192	26.11	9.77	53.95	27.84	AV	N	Pass
2	0.450	39.18	10.03	56.88	17.70	Peak	N	Pass
2**	0.450	27.80	10.03	46.88	19.08	AV	N	Pass
3	0.832	38.35	10.59	56.00	17.65	Peak	N	Pass
3**	0.832	27.95	10.59	46.00	18.05	AV	N	Pass
4	1.834	36.44	10.11	56.00	19.56	Peak	N	Pass
4**	1.834	24.50	10.11	46.00	21.50	AV	N	Pass
5	13.520	40.65	10.20	60.00	19.35	Peak	N	Pass
5**	13.520	25.32	10.20	50.00	24.68	AV	N	Pass
6	15.528	41.02	10.48	60.00	18.98	Peak	N	Pass
6**	15.528	24.88	10.48	50.00	25.12	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 C63.10-2013, 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.

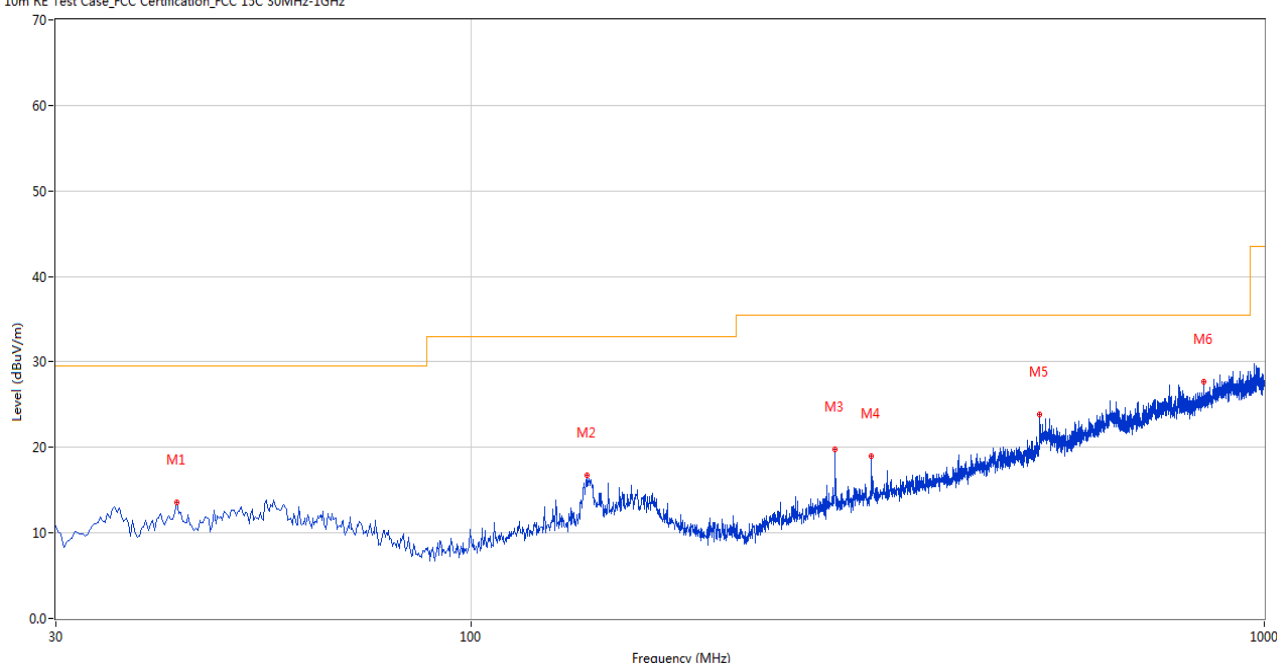
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

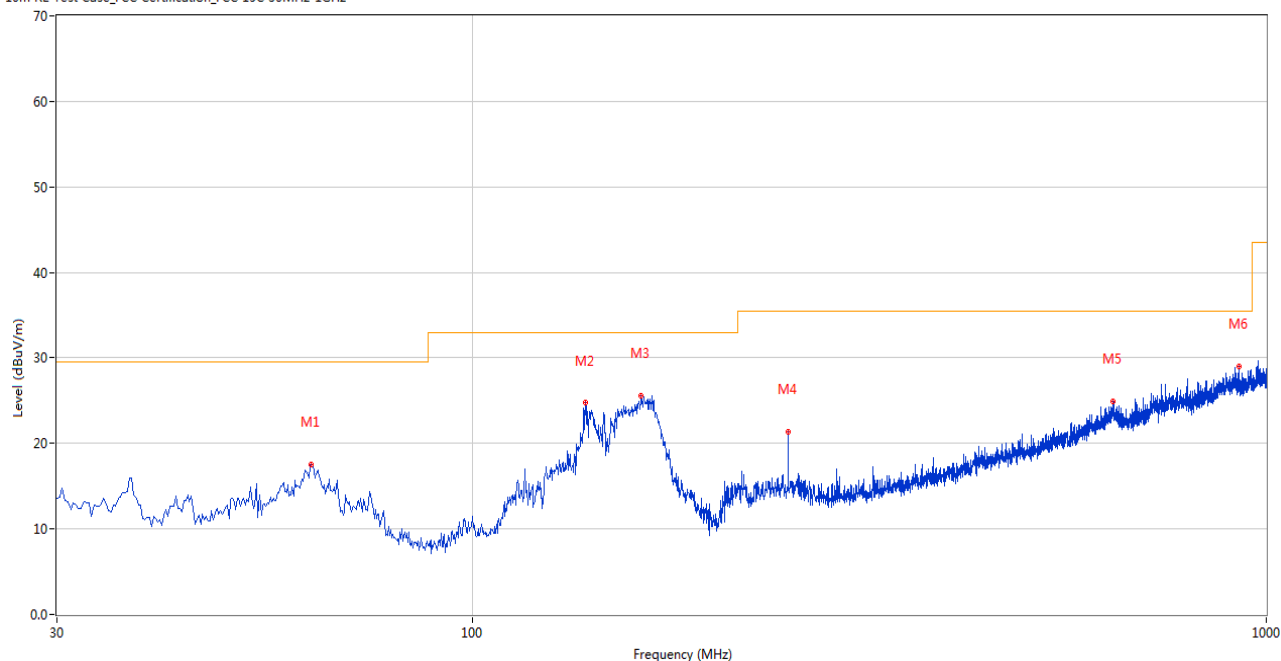
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.607	13.61	-26.07	29.5	15.89	Peak	227.00	200	Horizontal	Pass
2	140.310	16.73	-26.03	33.0	16.27	Peak	25.00	200	Horizontal	Pass
3	287.956	19.79	-25.01	35.5	15.71	Peak	249.00	200	Horizontal	Pass
4	319.958	18.99	-24.11	35.5	16.51	Peak	0.00	200	Horizontal	Pass
5	521.425	23.84	-19.17	35.5	11.66	Peak	22.00	200	Horizontal	Pass
6	839.263	27.64	-12.22	35.5	7.86	Peak	152.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.729	17.56	-27.02	29.5	11.94	Peak	0.00	200	Vertical	Pass
2	138.855	24.72	-26.42	33.0	8.28	Peak	84.00	100	Vertical	Pass
3	163.342	25.59	-25.97	33.0	7.41	Peak	121.00	100	Vertical	Pass
4	249.893	21.31	-26.98	35.5	14.19	Peak	332.00	100	Vertical	Pass
5	640.947	24.98	-15.89	35.5	10.52	Peak	2.00	100	Vertical	Pass
6	924.844	29.00	-10.89	35.5	6.50	Peak	100.00	200	Vertical	Pass

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

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: All antenna were pre tested, but only the worst case has been reported in this report.

SISO-0 Test Data

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	43.65	-17.09	74.0	30.35	Peak	164.00	200	Horizontal	Pass
1**	1332.100	32.47	-17.09	54.0	21.53	AV	164.00	200	Horizontal	Pass
2	2413.200	107.38	-10.74	74.0	-33.38	Peak	62.00	100	Horizontal	N/A
2**	2413.200	104.65	-10.74	54.0	-50.65	AV	62.00	100	Horizontal	N/A
3	4824.000	54.26	-1.97	74.0	19.74	Peak	290.00	100	Horizontal	Pass
3**	4824.000	49.97	-1.97	54.0	4.03	AV	290.00	100	Horizontal	Pass
4	4824.200	52.93	-2.04	74.0	21.07	Peak	290.00	150	Horizontal	Pass
4**	4824.200	50.31	-2.04	54.0	3.69	AV	290.00	150	Horizontal	Pass
5	7235.750	48.72	-3.49	74.0	25.28	Peak	359.00	150	Horizontal	Pass
5**	7235.750	43.97	-3.49	54.0	10.03	AV	359.00	150	Horizontal	Pass
6	13294.425	55.77	0.83	74.0	18.23	Peak	170.00	150	Horizontal	Pass
6**	13294.425	46.28	0.83	54.0	7.72	AV	170.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.500	44.82	-17.57	74.0	29.18	Peak	70.00	400	Vertical	Pass
1**	1164.500	34.80	-17.57	54.0	19.20	AV	70.00	400	Vertical	Pass
2	2413.200	102.40	-10.74	74.0	-28.40	Peak	9.00	100	Vertical	N/A
2**	2413.200	99.66	-10.74	54.0	-45.66	AV	9.00	100	Vertical	N/A
3	4824.000	52.94	-1.97	74.0	21.06	Peak	128.00	200	Vertical	Pass
3**	4824.000	48.17	-1.97	54.0	5.83	AV	128.00	200	Vertical	Pass
4	4824.200	52.34	-2.04	74.0	21.66	Peak	139.00	150	Vertical	Pass
4**	4824.200	48.78	-2.04	54.0	5.22	AV	139.00	150	Vertical	Pass
5	7237.188	49.11	-3.68	74.0	24.89	Peak	127.00	150	Vertical	Pass
5**	7237.188	44.08	-3.68	54.0	9.92	AV	127.00	150	Vertical	Pass
6	17403.599	56.30	3.28	74.0	17.70	Peak	345.00	400	Vertical	Pass
6**	17403.599	46.92	3.28	54.0	7.08	AV	345.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	45.58	-17.00	74.0	28.42	Peak	109.00	300	Horizontal	Pass
1**	1330.900	32.65	-17.00	54.0	21.35	AV	109.00	300	Horizontal	Pass
2	2435.800	106.44	-12.14	74.0	-32.44	Peak	70.00	200	Horizontal	N/A
2**	2435.800	103.55	-12.14	54.0	-49.55	AV	70.00	200	Horizontal	N/A
3	4873.800	54.03	-2.66	74.0	19.97	Peak	301.00	200	Horizontal	Pass
3**	4873.800	48.52	-2.66	54.0	5.48	AV	301.00	200	Horizontal	Pass
4	4874.000	53.78	-2.66	74.0	20.22	Peak	301.00	150	Horizontal	Pass
4**	4874.000	49.88	-2.66	54.0	4.12	AV	301.00	150	Horizontal	Pass
5	13297.313	54.95	0.85	74.0	19.05	Peak	140.00	150	Horizontal	Pass
5**	13297.313	46.26	0.85	54.0	7.74	AV	140.00	150	Horizontal	Pass
6	17443.762	56.99	2.90	74.0	17.01	Peak	279.00	100	Horizontal	Pass
6**	17443.762	46.31	2.90	54.0	7.69	AV	279.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.600	45.58	-17.65	74.0	28.42	Peak	79.00	300	Vertical	Pass
1**	1166.600	33.57	-17.65	54.0	20.43	AV	79.00	300	Vertical	Pass
2	2435.900	102.96	-12.14	74.0	-28.96	Peak	11.00	200	Vertical	N/A
2**	2435.900	100.23	-12.14	54.0	-46.23	AV	11.00	200	Vertical	N/A
3	4874.000	53.90	-2.66	74.0	20.10	Peak	0.00	150	Vertical	Pass
3**	4874.000	49.13	-2.66	54.0	4.87	AV	0.00	150	Vertical	Pass
4	4874.400	52.51	-2.66	74.0	21.49	Peak	218.00	150	Vertical	Pass
4**	4874.400	50.61	-2.66	54.0	3.39	AV	218.00	150	Vertical	Pass
5	13320.150	55.71	0.91	74.0	18.29	Peak	13.00	150	Vertical	Pass
5**	13320.150	47.19	0.91	54.0	6.81	AV	13.00	150	Vertical	Pass
6	17355.301	56.02	2.09	74.0	17.98	Peak	90.00	100	Vertical	Pass
6**	17355.301	46.62	2.09	54.0	7.38	AV	90.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	42.95	-17.01	74.0	31.05	Peak	107.00	400	Horizontal	Pass
1**	1329.800	32.93	-17.01	54.0	21.07	AV	107.00	400	Horizontal	Pass
2	2463.100	106.42	-11.78	74.0	-32.42	Peak	51.00	150	Horizontal	N/A
2**	2463.100	103.69	-11.78	54.0	-49.69	AV	51.00	150	Horizontal	N/A
3	4923.800	52.84	-2.43	74.0	21.16	Peak	287.00	150	Horizontal	Pass
3**	4923.800	49.13	-2.43	54.0	4.87	AV	287.00	150	Horizontal	Pass
4	4924.000	52.90	-2.42	74.0	21.10	Peak	287.00	150	Horizontal	Pass
4**	4924.000	48.26	-2.42	54.0	5.74	AV	287.00	150	Horizontal	Pass
5	13323.825	55.53	0.92	74.0	18.47	Peak	290.00	150	Horizontal	Pass
5**	13323.825	46.71	0.92	54.0	7.29	AV	290.00	150	Horizontal	Pass
6	15403.350	55.76	0.79	74.0	18.24	Peak	326.00	150	Horizontal	Pass
6**	15403.350	45.66	0.79	54.0	8.34	AV	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	46.11	-17.10	74.0	27.89	Peak	106.00	300	Vertical	Pass
1**	1328.300	34.93	-17.10	54.0	19.07	AV	106.00	300	Vertical	Pass
2	2463.100	101.93	-11.78	74.0	-27.93	Peak	67.00	200	Vertical	N/A
2**	2463.100	99.17	-11.78	54.0	-45.17	AV	67.00	200	Vertical	N/A
3	4924.000	53.27	-2.42	74.0	20.73	Peak	0.00	150	Vertical	Pass
3**	4924.000	50.06	-2.42	54.0	3.94	AV	0.00	150	Vertical	Pass
4	4924.200	53.77	-2.42	74.0	20.23	Peak	0.00	150	Vertical	Pass
4**	4924.200	49.69	-2.42	54.0	4.31	AV	0.00	150	Vertical	Pass
5	7387.262	48.65	-3.99	74.0	25.35	Peak	282.00	150	Vertical	Pass
5**	7387.262	44.10	-3.99	54.0	9.90	AV	282.00	150	Vertical	Pass
6	13429.613	55.51	0.40	74.0	18.49	Peak	76.00	150	Vertical	Pass
6**	13429.613	46.23	0.40	54.0	7.77	AV	76.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	43.09	-17.03	74.0	30.91	Peak	117.00	300	Horizontal	Pass
1**	1331.300	33.58	-17.03	54.0	20.42	AV	117.00	300	Horizontal	Pass
2	2405.300	110.10	-10.25	74.0	-36.10	Peak	76.00	200	Horizontal	N/A
2**	2405.300	102.07	-10.25	54.0	-48.07	AV	76.00	200	Horizontal	N/A
3	4820.200	49.99	-2.08	74.0	24.01	Peak	196.00	150	Horizontal	Pass
3**	4820.200	44.99	-2.08	54.0	9.01	AV	196.00	150	Horizontal	Pass
4	7232.875	49.26	-3.32	74.0	24.74	Peak	360.00	150	Horizontal	Pass
4**	7232.875	43.31	-3.32	54.0	10.69	AV	360.00	150	Horizontal	Pass
5	13424.362	56.08	0.40	74.0	17.92	Peak	345.00	150	Horizontal	Pass
5**	13424.362	46.35	0.40	54.0	7.65	AV	345.00	150	Horizontal	Pass
6	17416.200	57.40	3.67	74.0	16.60	Peak	230.00	400	Horizontal	Pass
6**	17416.200	47.28	3.67	54.0	6.72	AV	230.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.500	44.74	-17.11	74.0	29.26	Peak	360.00	400	Vertical	Pass
1**	1333.500	37.29	-17.11	54.0	16.71	AV	360.00	400	Vertical	Pass
2	2414.300	102.90	-10.81	74.0	-28.90	Peak	74.00	100	Vertical	N/A
2**	2414.300	95.37	-10.81	54.0	-41.37	AV	74.00	100	Vertical	N/A
3	4830.200	52.06	-2.51	74.0	21.94	Peak	129.00	100	Vertical	Pass
3**	4830.200	43.06	-2.51	54.0	10.94	AV	129.00	100	Vertical	Pass
4	7235.463	48.50	-3.47	74.0	25.50	Peak	206.00	150	Vertical	Pass
4**	7235.463	43.74	-3.47	54.0	10.26	AV	206.00	150	Vertical	Pass
5	13436.701	56.08	0.43	74.0	17.92	Peak	171.00	150	Vertical	Pass
5**	13436.701	46.48	0.43	54.0	7.52	AV	171.00	150	Vertical	Pass
6	17468.436	56.54	2.90	74.0	17.46	Peak	0.00	300	Vertical	Pass
6**	17468.436	47.35	2.90	54.0	6.65	AV	0.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1384.200	42.35	-17.09	74.0	31.65	Peak	256.00	400	Horizontal	Pass
1**	1384.200	33.80	-17.09	54.0	20.20	AV	256.00	400	Horizontal	Pass
2	2435.200	109.61	-12.16	74.0	-35.61	Peak	62.00	150	Horizontal	N/A
2**	2435.200	101.45	-12.16	54.0	-47.45	AV	62.00	150	Horizontal	N/A
3	4518.600	50.07	-3.22	74.0	23.93	Peak	360.00	150	Horizontal	Pass
3**	4518.600	40.23	-3.22	54.0	13.77	AV	360.00	150	Horizontal	Pass
4	6993.600	55.47	1.90	74.0	18.53	Peak	245.00	100	Horizontal	Pass
4**	6993.600	45.13	1.90	54.0	8.87	AV	245.00	100	Horizontal	Pass
5	13332.225	55.96	0.97	74.0	18.04	Peak	290.00	150	Horizontal	Pass
5**	13332.225	45.72	0.97	54.0	8.28	AV	290.00	150	Horizontal	Pass
6	17436.938	55.99	3.17	74.0	18.01	Peak	360.00	200	Horizontal	Pass
6**	17436.938	45.74	3.17	54.0	8.26	AV	360.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.100	44.29	-17.99	74.0	29.71	Peak	197.00	100	Vertical	Pass
1**	1000.100	32.11	-17.99	54.0	21.89	AV	197.00	100	Vertical	Pass
2	2435.800	105.11	-12.14	74.0	-31.11	Peak	71.00	150	Vertical	N/A
2**	2435.800	97.93	-12.14	54.0	-43.93	AV	71.00	150	Vertical	N/A
3	4870.000	52.27	-2.64	74.0	21.73	Peak	360.00	200	Vertical	Pass
3**	4870.000	43.12	-2.64	54.0	10.88	AV	360.00	200	Vertical	Pass
4	6630.000	54.45	-0.48	74.0	19.55	Peak	123.00	200	Vertical	Pass
4**	6630.000	44.46	-0.48	54.0	9.54	AV	123.00	200	Vertical	Pass
5	13426.725	55.52	0.40	74.0	18.48	Peak	232.00	150	Vertical	Pass
5**	13426.725	47.06	0.40	54.0	6.94	AV	232.00	150	Vertical	Pass
6	17405.176	56.07	3.32	74.0	17.93	Peak	308.00	100	Vertical	Pass
6**	17405.176	46.38	3.32	54.0	7.62	AV	308.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	44.05	-17.10	74.0	29.95	Peak	219.00	400	Horizontal	Pass
1**	1328.300	32.97	-17.10	54.0	21.03	AV	219.00	400	Horizontal	Pass
2	2463.100	109.03	-11.78	74.0	-35.03	Peak	85.00	150	Horizontal	N/A
2**	2463.100	101.78	-11.78	54.0	-47.78	AV	85.00	150	Horizontal	N/A
3	4925.200	49.19	-2.40	74.0	24.81	Peak	31.00	150	Horizontal	Pass
3**	4925.200	45.63	-2.40	54.0	8.37	AV	31.00	150	Horizontal	Pass
4	8538.700	50.33	-2.07	74.0	23.67	Peak	185.00	150	Horizontal	Pass
4**	8538.700	39.84	-2.07	54.0	14.16	AV	185.00	150	Horizontal	Pass
5	13297.313	55.53	0.85	74.0	18.47	Peak	31.00	150	Horizontal	Pass
5**	13297.313	45.91	0.85	54.0	8.09	AV	31.00	150	Horizontal	Pass
6	15782.925	55.95	1.70	74.0	18.05	Peak	342.00	400	Horizontal	Pass
6**	15782.925	47.02	1.70	54.0	6.98	AV	342.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	46.79	-17.59	74.0	27.21	Peak	0.00	200	Vertical	Pass
1**	1163.500	32.47	-17.59	54.0	21.53	AV	0.00	200	Vertical	Pass
2	2463.100	105.97	-11.78	74.0	-31.97	Peak	67.00	150	Vertical	N/A
2**	2463.100	99.26	-11.78	54.0	-45.26	AV	67.00	150	Vertical	N/A
3	4936.400	52.00	-2.07	74.0	22.00	Peak	0.00	150	Vertical	Pass
3**	4936.400	42.20	-2.07	54.0	11.80	AV	0.00	150	Vertical	Pass
4	7382.087	49.77	-3.36	74.0	24.23	Peak	141.00	150	Vertical	Pass
4**	7382.087	43.75	-3.36	54.0	10.25	AV	141.00	150	Vertical	Pass
5	13320.937	55.15	0.91	74.0	18.85	Peak	121.00	150	Vertical	Pass
5**	13320.937	47.07	0.91	54.0	6.93	AV	121.00	150	Vertical	Pass
6	17468.176	56.44	2.90	74.0	17.56	Peak	121.00	100	Vertical	Pass
6**	17468.176	47.16	2.90	54.0	6.84	AV	121.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	44.87	-17.03	74.0	29.13	Peak	122.00	100	Horizontal	Pass
1**	1329.500	33.31	-17.03	54.0	20.69	AV	122.00	100	Horizontal	Pass
2	2410.300	110.28	-10.52	74.0	-36.28	Peak	73.00	100	Horizontal	N/A
2**	2410.300	102.86	-10.52	54.0	-48.86	AV	73.00	100	Horizontal	N/A
3	4816.800	51.27	-2.24	74.0	22.73	Peak	319.00	150	Horizontal	Pass
3**	4816.800	42.41	-2.24	54.0	11.59	AV	319.00	150	Horizontal	Pass
4	7235.175	48.19	-3.45	74.0	25.81	Peak	359.00	150	Horizontal	Pass
4**	7235.175	43.46	-3.45	54.0	10.54	AV	359.00	150	Horizontal	Pass
5	13438.012	55.32	0.45	74.0	18.68	Peak	271.00	150	Horizontal	Pass
5**	13438.012	46.47	0.45	54.0	7.53	AV	271.00	150	Horizontal	Pass
6	16229.437	56.28	1.31	74.0	17.72	Peak	0.00	300	Horizontal	Pass
6**	16229.437	45.62	1.31	54.0	8.38	AV	0.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.100	47.06	-17.58	74.0	26.94	Peak	42.00	100	Vertical	Pass
1**	1165.100	35.53	-17.58	54.0	18.47	AV	42.00	100	Vertical	Pass
2	2413.400	103.03	-10.75	74.0	-29.03	Peak	70.00	100	Vertical	N/A
2**	2413.400	95.51	-10.75	54.0	-41.51	AV	70.00	100	Vertical	N/A
3	2852.500	51.34	-8.35	74.0	22.66	Peak	320.00	150	Vertical	Pass
3**	2852.500	42.44	-8.35	54.0	11.56	AV	320.00	150	Vertical	Pass
4	5967.200	54.20	0.15	74.0	19.80	Peak	70.00	300	Vertical	Pass
4**	5967.200	45.28	0.15	54.0	8.72	AV	70.00	300	Vertical	Pass
5	7234.313	48.84	-3.39	74.0	25.16	Peak	309.00	150	Vertical	Pass
5**	7234.313	44.41	-3.39	54.0	9.59	AV	309.00	150	Vertical	Pass
6	13431.713	55.80	0.40	74.0	18.20	Peak	0.00	150	Vertical	Pass
6**	13431.713	46.40	0.40	54.0	7.60	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.400	42.25	-17.25	74.0	31.75	Peak	147.00	400	Horizontal	Pass
1**	1544.400	33.05	-17.25	54.0	20.95	AV	147.00	400	Horizontal	Pass
2	2434.500	109.35	-12.20	74.0	-35.35	Peak	52.00	200	Horizontal	N/A
2**	2434.500	101.00	-12.20	54.0	-47.00	AV	52.00	200	Horizontal	N/A
3	4702.800	51.40	-2.88	74.0	22.60	Peak	259.00	150	Horizontal	Pass
3**	4702.800	41.24	-2.88	54.0	12.76	AV	259.00	150	Horizontal	Pass
4	6155.000	54.91	0.13	74.0	19.09	Peak	17.00	200	Horizontal	Pass
4**	6155.000	44.92	0.13	54.0	9.08	AV	17.00	200	Horizontal	Pass
5	13457.438	55.37	0.67	74.0	18.63	Peak	98.00	150	Horizontal	Pass
5**	13457.438	46.11	0.67	54.0	7.89	AV	98.00	150	Horizontal	Pass
6	17432.474	56.08	3.36	74.0	17.92	Peak	212.00	400	Horizontal	Pass
6**	17432.474	47.80	3.36	54.0	6.20	AV	212.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.100	47.16	-17.62	74.0	26.84	Peak	0.00	300	Vertical	Pass
1**	1166.100	36.08	-17.62	54.0	17.92	AV	0.00	300	Vertical	Pass
2	2436.100	104.80	-12.13	74.0	-30.80	Peak	73.00	200	Vertical	N/A
2**	2436.100	97.64	-12.13	54.0	-43.64	AV	73.00	200	Vertical	N/A
3	4980.400	52.01	-1.58	74.0	21.99	Peak	296.00	200	Vertical	Pass
3**	4980.400	42.20	-1.58	54.0	11.80	AV	296.00	200	Vertical	Pass
4	6806.800	54.18	2.22	74.0	19.82	Peak	360.00	300	Vertical	Pass
4**	6806.800	46.76	2.22	54.0	7.24	AV	360.00	300	Vertical	Pass
5	13318.050	55.82	0.90	74.0	18.18	Peak	293.00	150	Vertical	Pass
5**	13318.050	46.50	0.90	54.0	7.50	AV	293.00	150	Vertical	Pass
6	17353.200	56.16	2.02	74.0	17.84	Peak	252.00	300	Vertical	Pass
6**	17353.200	46.56	2.02	54.0	7.44	AV	252.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	43.48	-16.97	74.0	30.52	Peak	122.00	300	Horizontal	Pass
1**	1330.500	33.29	-16.97	54.0	20.71	AV	122.00	300	Horizontal	Pass
2	2462.800	109.37	-11.82	74.0	-35.37	Peak	78.00	100	Horizontal	N/A
2**	2462.800	101.95	-11.82	54.0	-47.95	AV	78.00	100	Horizontal	N/A
3	4928.000	52.31	-2.38	74.0	21.69	Peak	279.00	150	Horizontal	Pass
3**	4928.000	44.48	-2.38	54.0	9.52	AV	279.00	150	Horizontal	Pass
4	6806.800	54.88	2.22	74.0	19.12	Peak	294.00	400	Horizontal	Pass
4**	6806.800	46.09	2.22	54.0	7.91	AV	294.00	400	Horizontal	Pass
5	13436.174	56.41	0.43	74.0	17.59	Peak	183.00	150	Horizontal	Pass
5**	13436.174	45.97	0.43	54.0	8.03	AV	183.00	150	Horizontal	Pass
6	15865.875	56.45	0.78	74.0	17.55	Peak	122.00	100	Horizontal	Pass
6**	15865.875	46.19	0.78	54.0	7.81	AV	122.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.300	45.61	-17.68	74.0	28.39	Peak	37.00	300	Vertical	Pass
1**	1161.300	35.76	-17.68	54.0	18.24	AV	37.00	300	Vertical	Pass
2	2464.900	105.31	-11.87	74.0	-31.31	Peak	71.00	100	Vertical	N/A
2**	2464.900	98.35	-11.87	54.0	-44.35	AV	71.00	100	Vertical	N/A
3	4933.600	52.12	-2.14	74.0	21.88	Peak	0.00	150	Vertical	Pass
3**	4933.600	42.75	-2.14	54.0	11.25	AV	0.00	150	Vertical	Pass
4	7386.400	48.84	-3.97	74.0	25.16	Peak	211.00	150	Vertical	Pass
4**	7386.400	44.33	-3.97	54.0	9.67	AV	211.00	150	Vertical	Pass
5	13295.213	55.34	0.84	74.0	18.66	Peak	290.00	150	Vertical	Pass
5**	13295.213	46.70	0.84	54.0	7.30	AV	290.00	150	Vertical	Pass
6	16024.688	55.73	0.66	74.0	18.27	Peak	360.00	400	Vertical	Pass
6**	16024.688	45.23	0.66	54.0	8.77	AV	360.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	43.47	-17.09	74.0	30.53	Peak	116.00	200	Horizontal	Pass
1**	1327.900	32.40	-17.09	54.0	21.60	AV	116.00	200	Horizontal	Pass
2	2416.900	106.93	-11.62	74.0	-32.93	Peak	52.00	150	Horizontal	N/A
2**	2416.900	99.45	-11.62	54.0	-45.45	AV	52.00	150	Horizontal	N/A
3	5012.200	51.95	-2.69	74.0	22.05	Peak	79.00	150	Horizontal	Pass
3**	5012.200	42.22	-2.69	54.0	11.78	AV	79.00	150	Horizontal	Pass
4	6841.800	54.40	0.95	74.0	19.60	Peak	321.00	300	Horizontal	Pass
4**	6841.800	45.35	0.95	54.0	8.65	AV	321.00	300	Horizontal	Pass
5	13327.500	56.13	0.93	74.0	17.87	Peak	232.00	150	Horizontal	Pass
5**	13327.500	46.62	0.93	54.0	7.38	AV	232.00	150	Horizontal	Pass
6	17415.412	56.20	3.65	74.0	17.80	Peak	339.00	100	Horizontal	Pass
6**	17415.412	47.50	3.65	54.0	6.50	AV	339.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.300	45.77	-17.59	74.0	28.23	Peak	333.00	300	Vertical	Pass
1**	1165.300	35.81	-17.59	54.0	18.19	AV	333.00	300	Vertical	Pass
2	2430.300	101.47	-12.47	74.0	-27.47	Peak	74.00	200	Vertical	N/A
2**	2430.300	94.11	-12.47	54.0	-40.11	AV	74.00	200	Vertical	N/A
3	4515.000	50.56	-3.23	74.0	23.44	Peak	225.00	150	Vertical	Pass
3**	4515.000	40.02	-3.23	54.0	13.98	AV	225.00	150	Vertical	Pass
4	6612.400	55.17	0.49	74.0	18.83	Peak	340.00	200	Vertical	Pass
4**	6612.400	45.28	0.49	54.0	8.72	AV	340.00	200	Vertical	Pass
5	13323.300	55.85	0.92	74.0	18.15	Peak	251.00	150	Vertical	Pass
5**	13323.300	46.61	0.92	54.0	7.39	AV	251.00	150	Vertical	Pass
6	17433.526	57.33	3.32	74.0	16.67	Peak	0.00	400	Vertical	Pass
6**	17433.526	47.05	3.32	54.0	6.95	AV	0.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1309.200	42.66	-16.94	74.0	31.34	Peak	52.00	100	Horizontal	Pass
1**	1309.200	33.77	-16.94	54.0	20.23	AV	52.00	100	Horizontal	Pass
2	2438.600	106.81	-12.25	74.0	-32.81	Peak	94.00	200	Horizontal	N/A
2**	2438.600	99.89	-12.25	54.0	-45.89	AV	94.00	200	Horizontal	N/A
3	5083.200	51.96	-2.16	74.0	22.04	Peak	127.00	150	Horizontal	Pass
3**	5083.200	42.53	-2.16	54.0	11.47	AV	127.00	150	Horizontal	Pass
4	6612.600	54.44	0.45	74.0	19.56	Peak	117.00	400	Horizontal	Pass
4**	6612.600	44.41	0.45	54.0	9.59	AV	117.00	400	Horizontal	Pass
5	13318.838	55.13	0.90	74.0	18.87	Peak	268.00	150	Horizontal	Pass
5**	13318.838	46.46	0.90	54.0	7.54	AV	268.00	150	Horizontal	Pass
6	17434.313	56.17	3.29	74.0	17.83	Peak	191.00	300	Horizontal	Pass
6**	17434.313	47.00	3.29	54.0	7.00	AV	191.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.900	45.79	-17.58	74.0	28.21	Peak	360.00	100	Vertical	Pass
1**	1164.900	33.34	-17.58	54.0	20.66	AV	360.00	100	Vertical	Pass
2	2433.900	102.38	-12.24	74.0	-28.38	Peak	70.00	200	Vertical	N/A
2**	2433.900	94.96	-12.24	54.0	-40.96	AV	70.00	200	Vertical	N/A
3	4875.200	51.77	-2.66	74.0	22.23	Peak	141.00	150	Vertical	Pass
3**	4875.200	43.16	-2.66	54.0	10.84	AV	141.00	150	Vertical	Pass
4	6337.400	54.76	-0.34	74.0	19.24	Peak	203.00	200	Vertical	Pass
4**	6337.400	44.63	-0.34	54.0	9.37	AV	203.00	200	Vertical	Pass
5	13412.550	55.27	0.46	74.0	18.73	Peak	64.00	150	Vertical	Pass
5**	13412.550	47.18	0.46	54.0	6.82	AV	64.00	150	Vertical	Pass
6	17345.587	56.45	1.73	74.0	17.55	Peak	44.00	400	Vertical	Pass
6**	17345.587	46.44	1.73	54.0	7.56	AV	44.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	42.88	-17.06	74.0	31.12	Peak	125.00	200	Horizontal	Pass
1**	1329.100	33.19	-17.06	54.0	20.81	AV	125.00	200	Horizontal	Pass
2	2448.300	106.82	-12.26	74.0	-32.82	Peak	89.00	100	Horizontal	N/A
2**	2448.300	98.80	-12.26	54.0	-44.80	AV	89.00	100	Horizontal	N/A
3	4841.200	51.79	-2.73	74.0	22.21	Peak	122.00	150	Horizontal	Pass
3**	4841.200	41.74	-2.73	54.0	12.26	AV	122.00	150	Horizontal	Pass
4	6973.600	54.20	1.18	74.0	19.80	Peak	228.00	200	Horizontal	Pass
4**	6973.600	45.78	1.18	54.0	8.22	AV	228.00	200	Horizontal	Pass
5	13418.063	55.71	0.40	74.0	18.29	Peak	321.00	150	Horizontal	Pass
5**	13418.063	46.77	0.40	54.0	7.23	AV	321.00	150	Horizontal	Pass
6	15807.337	56.33	2.22	74.0	17.67	Peak	258.00	300	Horizontal	Pass
6**	15807.337	46.59	2.22	54.0	7.41	AV	258.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.400	45.27	-17.67	74.0	28.73	Peak	0.00	300	Vertical	Pass
1**	1161.400	33.22	-17.67	54.0	20.78	AV	0.00	300	Vertical	Pass
2	2454.400	101.99	-12.14	74.0	-27.99	Peak	76.00	150	Vertical	N/A
2**	2454.400	93.95	-12.14	54.0	-39.95	AV	76.00	150	Vertical	N/A
3	4787.000	52.30	-3.09	74.0	21.70	Peak	299.00	150	Vertical	Pass
3**	4787.000	41.39	-3.09	54.0	12.61	AV	299.00	150	Vertical	Pass
4	6452.000	55.08	-1.10	74.0	18.92	Peak	190.00	100	Vertical	Pass
4**	6452.000	45.05	-1.10	54.0	8.95	AV	190.00	100	Vertical	Pass
5	13300.463	55.70	0.87	74.0	18.30	Peak	212.00	150	Vertical	Pass
5**	13300.463	46.19	0.87	54.0	7.81	AV	212.00	150	Vertical	Pass
6	17419.350	56.49	3.74	74.0	17.51	Peak	61.00	400	Vertical	Pass
6**	17419.350	47.56	3.74	54.0	6.44	AV	61.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	43.67	-17.07	74.0	30.33	Peak	118.00	300	Horizontal	Pass
1**	1327.300	32.68	-17.07	54.0	21.32	AV	118.00	300	Horizontal	Pass
2	2408.600	111.55	-10.31	74.0	-37.55	Peak	61.00	150	Horizontal	N/A
2**	2408.600	102.08	-10.31	54.0	-48.08	AV	61.00	150	Horizontal	N/A
3	4825.000	49.90	-2.29	74.0	24.10	Peak	304.00	150	Horizontal	Pass
3**	4825.000	45.56	-2.29	54.0	8.44	AV	304.00	150	Horizontal	Pass
4	7232.875	48.47	-3.32	74.0	25.53	Peak	0.00	150	Horizontal	Pass
4**	7232.875	43.62	-3.32	54.0	10.38	AV	0.00	150	Horizontal	Pass
5	13292.063	56.89	0.81	74.0	17.11	Peak	283.00	100	Horizontal	Pass
5**	13292.063	46.66	0.81	54.0	7.34	AV	283.00	100	Horizontal	Pass
6	15245.587	55.74	0.86	74.0	18.26	Peak	40.00	150	Horizontal	Pass
6**	15245.587	46.27	0.86	54.0	7.73	AV	40.00	150	Horizontal	Pass

1 GHz to 18 GHz, ANT V802.11ax20(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	45.65	-17.09	74.0	28.35	Peak	336.00	300	Vertical	Pass
1**	1332.100	37.62	-17.09	54.0	16.38	AV	336.00	300	Vertical	Pass
2	2415.200	103.84	-11.12	74.0	-29.84	Peak	75.00	400	Vertical	N/A
2**	2415.200	94.95	-11.12	54.0	-40.95	AV	75.00	400	Vertical	N/A
3	2773.300	51.41	-8.94	74.0	22.59	Peak	254.00	100	Vertical	Pass
3**	2773.300	42.43	-8.94	54.0	11.57	AV	254.00	100	Vertical	Pass
4	4988.400	51.74	-2.34	74.0	22.26	Peak	176.00	150	Vertical	Pass
4**	4988.400	42.37	-2.34	54.0	11.63	AV	176.00	150	Vertical	Pass
5	7233.450	48.37	-3.33	74.0	25.63	Peak	310.00	150	Vertical	Pass
5**	7233.450	45.06	-3.33	54.0	8.94	AV	310.00	150	Vertical	Pass
6	13311.487	55.14	0.86	74.0	18.86	Peak	0.00	150	Vertical	Pass
6**	13311.487	46.00	0.86	54.0	8.00	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1382.900	42.77	-17.14	74.0	31.23	Peak	161.00	300	Horizontal	Pass
1**	1382.900	32.31	-17.14	54.0	21.69	AV	161.00	300	Horizontal	Pass
2	2436.900	110.71	-12.13	74.0	-36.71	Peak	48.00	100	Horizontal	N/A
2**	2436.900	101.88	-12.13	54.0	-47.88	AV	48.00	100	Horizontal	N/A
3	4655.200	51.90	-2.57	74.0	22.10	Peak	25.00	150	Horizontal	Pass
3**	4655.200	41.36	-2.57	54.0	12.64	AV	25.00	150	Horizontal	Pass
4	6798.800	54.50	1.26	74.0	19.50	Peak	138.00	200	Horizontal	Pass
4**	6798.800	45.73	1.26	54.0	8.27	AV	138.00	200	Horizontal	Pass
5	13402.838	55.55	0.54	74.0	18.45	Peak	196.00	150	Horizontal	Pass
5**	13402.838	46.42	0.54	54.0	7.58	AV	196.00	150	Horizontal	Pass
6	15228.000	56.38	0.83	74.0	17.62	Peak	217.00	200	Horizontal	Pass
6**	15228.000	46.31	0.83	54.0	7.69	AV	217.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.200	47.10	-17.68	74.0	26.90	Peak	360.00	100	Vertical	Pass
1**	1161.200	31.60	-17.68	54.0	22.40	AV	360.00	100	Vertical	Pass
2	2433.400	105.45	-12.27	74.0	-31.45	Peak	73.00	200	Vertical	N/A
2**	2433.400	96.55	-12.27	54.0	-42.55	AV	73.00	200	Vertical	N/A
3	5876.600	54.53	-0.80	74.0	19.47	Peak	248.00	200	Vertical	Pass
3**	5876.600	44.42	-0.80	54.0	9.58	AV	248.00	200	Vertical	Pass
4	7313.087	50.01	-3.50	74.0	23.99	Peak	139.00	150	Vertical	Pass
4**	7313.087	43.61	-3.50	54.0	10.39	AV	139.00	150	Vertical	Pass
5	13303.875	55.85	0.87	74.0	18.15	Peak	343.00	150	Vertical	Pass
5**	13303.875	45.86	0.87	54.0	8.14	AV	343.00	150	Vertical	Pass
6	15815.213	56.22	2.05	74.0	17.78	Peak	0.00	200	Vertical	Pass
6**	15815.213	46.04	2.05	54.0	7.96	AV	0.00	200	Vertical	Pass

1 GHz to 18 GHz, ANT H802.11ax20(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	43.14	-16.98	74.0	30.86	Peak	141.00	400	Horizontal	Pass
1**	1330.400	32.36	-16.98	54.0	21.64	AV	141.00	400	Horizontal	Pass
2	2464.300	110.39	-11.84	74.0	-36.39	Peak	89.00	100	Horizontal	N/A
2**	2464.300	101.56	-11.84	54.0	-47.56	AV	89.00	100	Horizontal	N/A
3	4473.600	50.71	-4.16	74.0	23.29	Peak	69.00	150	Horizontal	Pass
3**	4473.600	39.96	-4.16	54.0	14.04	AV	69.00	150	Horizontal	Pass
4	6428.400	54.94	-0.51	74.0	19.06	Peak	329.00	400	Horizontal	Pass
4**	6428.400	44.38	-0.51	54.0	9.62	AV	329.00	400	Horizontal	Pass
5	13307.813	55.30	0.86	74.0	18.70	Peak	246.00	150	Horizontal	Pass
5**	13307.813	46.49	0.86	54.0	7.51	AV	246.00	150	Horizontal	Pass
6	17408.588	55.82	3.41	74.0	18.18	Peak	286.00	100	Horizontal	Pass
6**	17408.588	46.16	3.41	54.0	7.84	AV	286.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.200	45.26	-17.10	74.0	28.74	Peak	340.00	300	Vertical	Pass
1**	1332.200	38.58	-17.10	54.0	15.42	AV	340.00	300	Vertical	Pass
2	2461.300	106.24	-12.02	74.0	-32.24	Peak	64.00	100	Vertical	N/A
2**	2461.300	97.57	-12.02	54.0	-43.57	AV	64.00	100	Vertical	N/A
3	4702.800	51.23	-2.88	74.0	22.77	Peak	227.00	150	Vertical	Pass
3**	4702.800	41.13	-2.88	54.0	12.87	AV	227.00	150	Vertical	Pass
4	6641.600	54.61	-0.88	74.0	19.39	Peak	28.00	400	Vertical	Pass
4**	6641.600	44.62	-0.88	54.0	9.38	AV	28.00	400	Vertical	Pass
5	13326.188	55.38	0.93	74.0	18.62	Peak	162.00	150	Vertical	Pass
5**	13326.188	46.20	0.93	54.0	7.80	AV	162.00	150	Vertical	Pass
6	15240.600	56.08	0.94	74.0	17.92	Peak	283.00	300	Vertical	Pass
6**	15240.600	46.23	0.94	54.0	7.77	AV	283.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	43.87	-17.12	74.0	30.13	Peak	124.00	400	Horizontal	Pass
1**	1333.000	32.57	-17.12	54.0	21.43	AV	124.00	400	Horizontal	Pass
2	2418.500	108.00	-11.91	74.0	-34.00	Peak	60.00	100	Horizontal	N/A
2**	2418.500	98.40	-11.91	54.0	-44.40	AV	60.00	100	Horizontal	N/A
3	4652.000	50.95	-2.49	74.0	23.05	Peak	12.00	150	Horizontal	Pass
3**	4652.000	42.18	-2.49	54.0	11.82	AV	12.00	150	Horizontal	Pass
4	6415.200	54.87	-0.88	74.0	19.13	Peak	340.00	200	Horizontal	Pass
4**	6415.200	44.44	-0.88	54.0	9.56	AV	340.00	200	Horizontal	Pass
5	13443.000	55.50	0.53	74.0	18.50	Peak	36.00	150	Horizontal	Pass
5**	13443.000	46.54	0.53	54.0	7.46	AV	36.00	150	Horizontal	Pass
6	17410.425	55.52	3.46	74.0	18.48	Peak	341.00	300	Horizontal	Pass
6**	17410.425	46.99	3.46	54.0	7.01	AV	341.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.200	46.75	-17.62	74.0	27.25	Peak	40.00	100	Vertical	Pass
1**	1162.200	35.74	-17.62	54.0	18.26	AV	40.00	100	Vertical	Pass
2	2431.000	102.47	-12.50	74.0	-28.47	Peak	57.00	100	Vertical	N/A
2**	2431.000	93.57	-12.50	54.0	-39.57	AV	57.00	100	Vertical	N/A
3	4979.200	52.72	-1.58	74.0	21.28	Peak	262.00	150	Vertical	Pass
3**	4979.200	42.47	-1.58	54.0	11.53	AV	262.00	150	Vertical	Pass
4	6616.200	54.97	0.21	74.0	19.03	Peak	195.00	300	Vertical	Pass
4**	6616.200	44.73	0.21	54.0	9.27	AV	195.00	300	Vertical	Pass
5	13317.787	55.82	0.90	74.0	18.18	Peak	318.00	150	Vertical	Pass
5**	13317.787	46.19	0.90	54.0	7.81	AV	318.00	150	Vertical	Pass
6	16028.363	56.12	0.70	74.0	17.88	Peak	227.00	300	Vertical	Pass
6**	16028.363	45.95	0.70	54.0	8.05	AV	227.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.900	43.07	-16.76	74.0	30.93	Peak	242.00	100	Horizontal	Pass
1**	1561.900	33.35	-16.76	54.0	20.65	AV	242.00	100	Horizontal	Pass
2	2432.900	107.20	-12.32	74.0	-33.20	Peak	87.00	150	Horizontal	N/A
2**	2432.900	98.43	-12.32	54.0	-44.43	AV	87.00	150	Horizontal	N/A
3	4653.200	51.85	-2.47	74.0	22.15	Peak	177.00	150	Horizontal	Pass
3**	4653.200	41.65	-2.47	54.0	12.35	AV	177.00	150	Horizontal	Pass
4	6805.200	54.73	1.94	74.0	19.27	Peak	177.00	300	Horizontal	Pass
4**	6805.200	45.27	1.94	54.0	8.73	AV	177.00	300	Horizontal	Pass
5	13322.512	55.44	0.92	74.0	18.56	Peak	149.00	150	Horizontal	Pass
5**	13322.512	46.25	0.92	54.0	7.75	AV	149.00	150	Horizontal	Pass
6	17342.437	56.09	1.61	74.0	17.91	Peak	105.00	100	Horizontal	Pass
6**	17342.437	46.45	1.61	54.0	7.55	AV	105.00	100	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.200	45.87	-17.12	74.0	28.13	Peak	76.00	100	Vertical	Pass
1**	1333.200	32.50	-17.12	54.0	21.50	AV	76.00	100	Vertical	Pass
2	2433.800	104.11	-12.25	74.0	-30.11	Peak	71.00	100	Vertical	N/A
2**	2433.800	94.93	-12.25	54.0	-40.93	AV	71.00	100	Vertical	N/A
3	4764.600	51.16	-2.99	74.0	22.84	Peak	312.00	150	Vertical	Pass
3**	4764.600	41.80	-2.99	54.0	12.20	AV	312.00	150	Vertical	Pass
4	6789.000	54.62	0.53	74.0	19.38	Peak	271.00	300	Vertical	Pass
4**	6789.000	45.99	0.53	54.0	8.01	AV	271.00	300	Vertical	Pass
5	13438.537	55.29	0.45	74.0	18.71	Peak	196.00	150	Vertical	Pass
5**	13438.537	47.40	0.45	54.0	6.60	AV	196.00	150	Vertical	Pass
6	16592.474	56.57	0.86	74.0	17.43	Peak	233.00	300	Vertical	Pass
6**	16592.474	45.69	0.86	54.0	8.31	AV	233.00	300	Vertical	Pass

1 GHz to 18 GHz, ANT H 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	42.98	-16.98	74.0	31.02	Peak	130.00	100	Horizontal	Pass
1**	1330.400	32.33	-16.98	54.0	21.67	AV	130.00	100	Horizontal	Pass
2	2450.700	108.86	-12.24	74.0	-34.86	Peak	91.00	200	Horizontal	N/A
2**	2450.700	98.96	-12.24	54.0	-44.96	AV	91.00	200	Horizontal	N/A
3	5390.600	53.64	-2.04	74.0	20.36	Peak	121.00	150	Horizontal	Pass
3**	5390.600	43.53	-2.04	54.0	10.47	AV	121.00	150	Horizontal	Pass
4	6805.200	54.37	1.94	74.0	19.63	Peak	272.00	300	Horizontal	Pass
4**	6805.200	46.16	1.94	54.0	7.84	AV	272.00	300	Horizontal	Pass
5	13431.187	55.15	0.40	74.0	18.85	Peak	201.00	150	Horizontal	Pass
5**	13431.187	46.53	0.40	54.0	7.47	AV	201.00	150	Horizontal	Pass
6	17405.438	55.74	3.33	74.0	18.26	Peak	0.00	300	Horizontal	Pass
6**	17405.438	47.13	3.33	54.0	6.87	AV	0.00	300	Horizontal	Pass

1 GHz to 18 GHz, ANT V 802.11ax40(SU) High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	44.85	-17.00	74.0	29.15	Peak	354.00	100	Vertical	Pass
1**	1330.000	35.36	-17.00	54.0	18.64	AV	354.00	100	Vertical	Pass
2	2453.500	102.79	-12.17	74.0	-28.79	Peak	69.00	200	Vertical	N/A
2**	2453.500	94.72	-12.17	54.0	-40.72	AV	69.00	200	Vertical	N/A
3	4814.000	51.42	-2.16	74.0	22.58	Peak	233.00	150	Vertical	Pass
3**	4814.000	41.76	-2.16	54.0	12.24	AV	233.00	150	Vertical	Pass
4	6807.200	54.92	2.09	74.0	19.08	Peak	158.00	400	Vertical	Pass
4**	6807.200	46.48	2.09	54.0	7.52	AV	158.00	400	Vertical	Pass
5	13413.075	56.62	0.45	74.0	17.38	Peak	183.00	150	Vertical	Pass
5**	13413.075	47.32	0.45	54.0	6.68	AV	183.00	150	Vertical	Pass
6	17425.125	57.01	3.62	74.0	16.99	Peak	162.00	100	Vertical	Pass
6**	17425.125	46.74	3.62	54.0	7.26	AV	162.00	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.

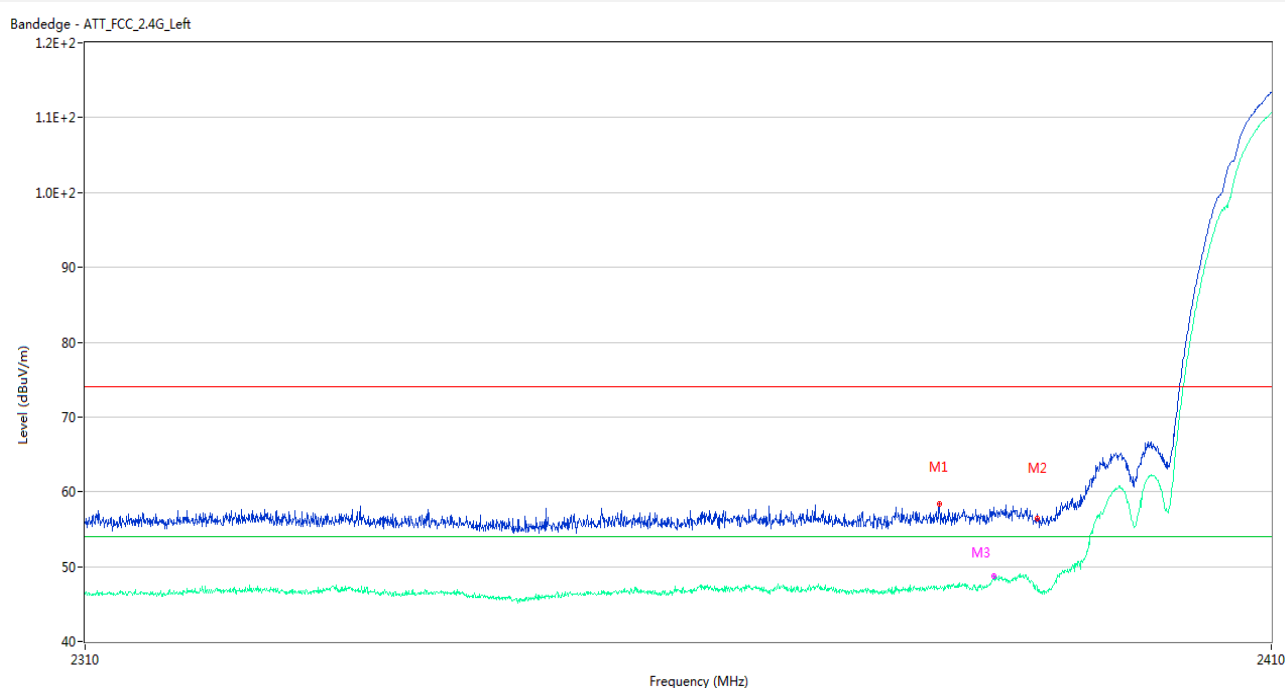
Note 2: The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.

Note 3: According the ANSI C63.10-2013, 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 antenna were pre tested, but only the worst case has been reported in this report.

SISO-0 Test Data and Plots

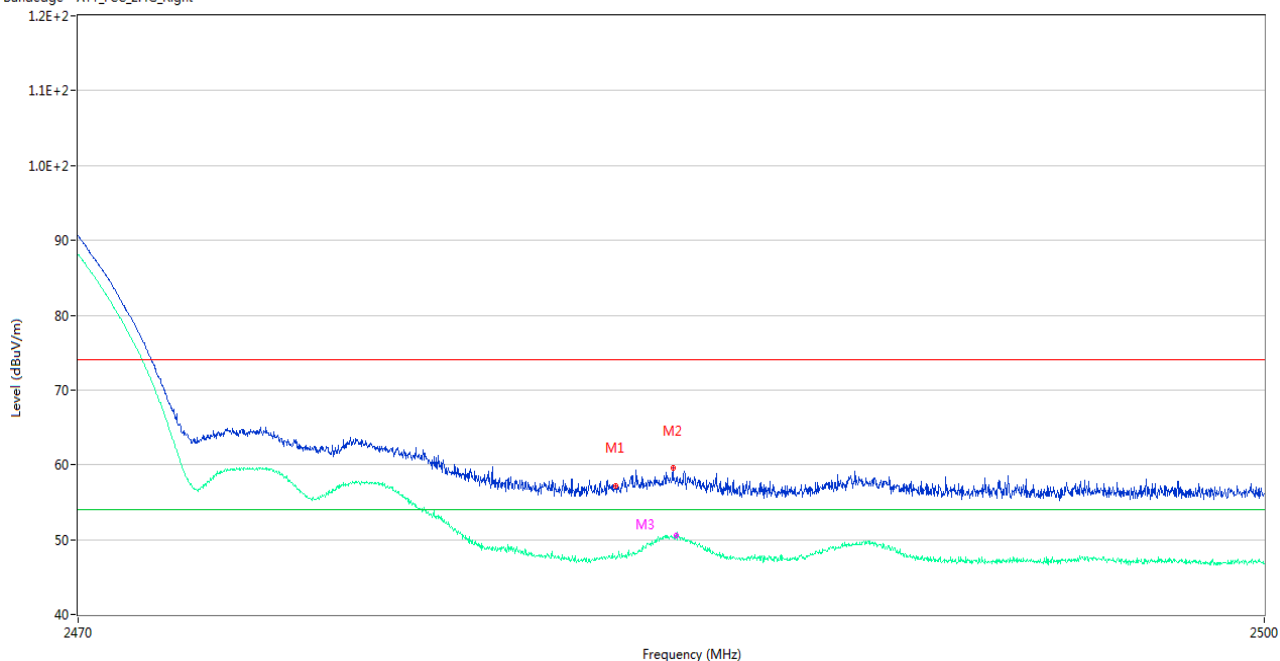
802.11b LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2381.600	58.32	2.20	74.0	15.68	Peak	71.00	100	Horizontal	Pass
1**	2381.600	47.04	2.20	54.0	6.96	AV	71.00	100	Horizontal	Pass
2	2389.950	56.37	1.92	74.0	17.63	Peak	218.00	150	Horizontal	Pass
2**	2389.950	46.71	1.92	54.0	7.29	AV	218.00	150	Horizontal	Pass
3	2386.250	57.23	2.41	74.0	16.77	Peak	44.00	150	Horizontal	Pass
3**	2386.250	48.72	2.41	54.0	5.28	AV	44.00	150	Horizontal	Pass

802.11b HIGH CHANNEL

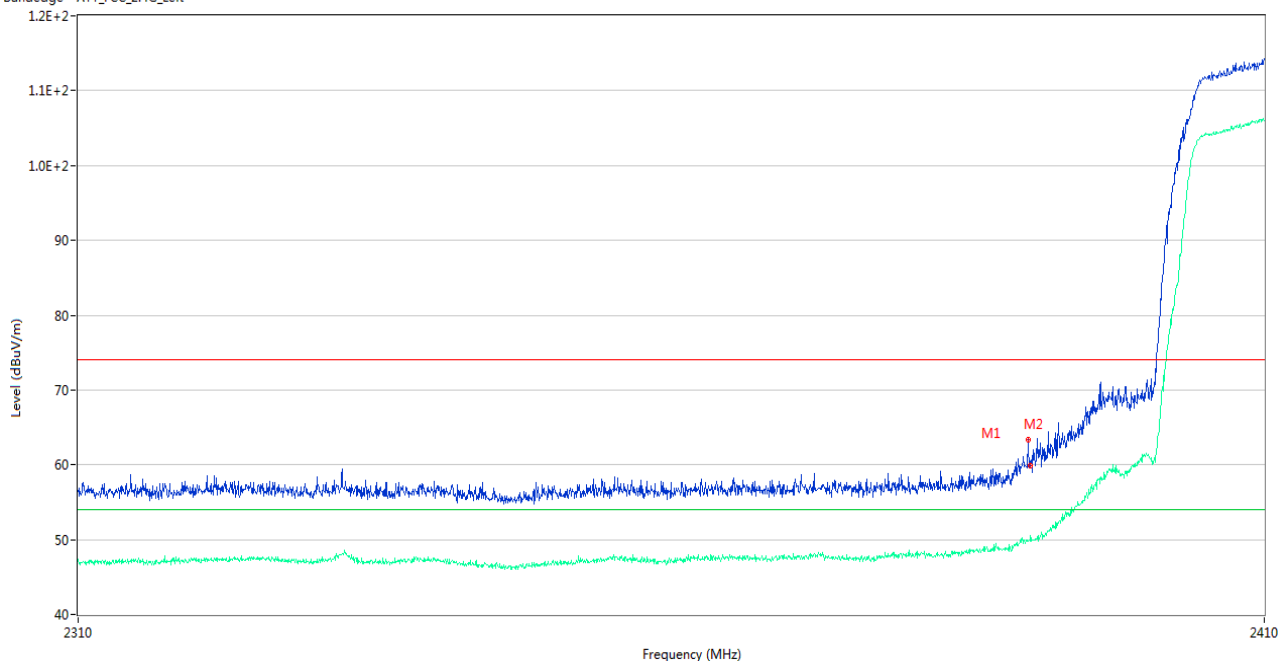
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.545	57.25	2.11	74.0	16.75	Peak	71.00	200	Horizontal	Pass
1**	2483.545	47.34	2.11	54.0	6.66	AV	71.00	200	Horizontal	Pass
2	2485.000	59.55	2.06	74.0	14.45	Peak	53.00	150	Horizontal	Pass
2**	2485.000	50.26	2.06	54.0	3.74	AV	53.00	150	Horizontal	Pass
3	2485.075	57.93	2.05	74.0	16.07	Peak	71.00	150	Horizontal	Pass
3**	2485.075	50.62	2.05	54.0	3.38	AV	71.00	150	Horizontal	Pass

802.11g LOW CHANNEL

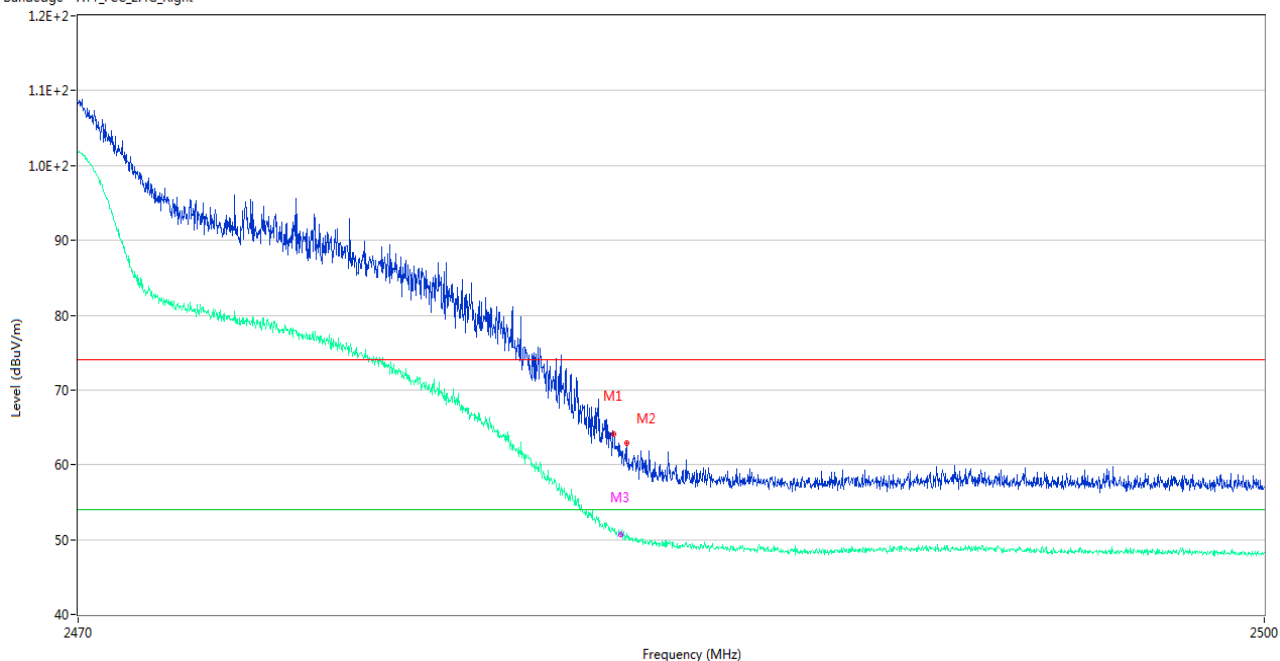
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2389.750	63.34	1.92	74.0	10.66	Peak	53.00	150	Horizontal	Pass
1**	2389.750	49.77	1.92	54.0	4.23	AV	53.00	150	Horizontal	Pass
2	2389.950	59.83	1.92	74.0	14.17	Peak	89.00	100	Horizontal	Pass
2**	2389.950	50.50	1.92	54.0	3.50	AV	89.00	100	Horizontal	Pass

802.11g HIGH CHANNEL

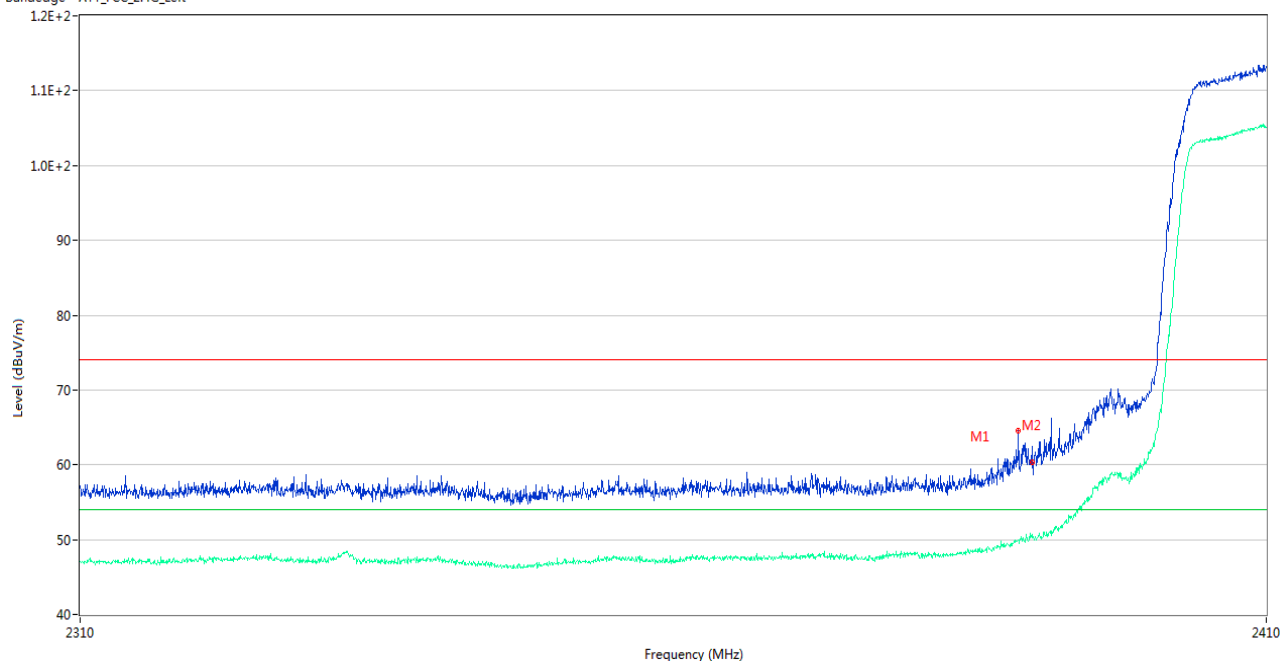
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	64.16	2.11	74.0	9.84	Peak	91.00	200	Horizontal	Pass
1**	2483.500	50.96	2.11	54.0	3.04	AV	91.00	200	Horizontal	Pass
2	2483.830	62.87	2.12	74.0	11.13	Peak	91.00	150	Horizontal	Pass
2**	2483.830	50.92	2.12	54.0	3.08	AV	91.00	150	Horizontal	Pass
3	2483.680	61.31	2.11	74.0	12.69	Peak	91.00	150	Horizontal	Pass
3**	2483.680	50.67	2.11	54.0	3.33	AV	91.00	150	Horizontal	Pass

802.11n20 LOW CHANNEL

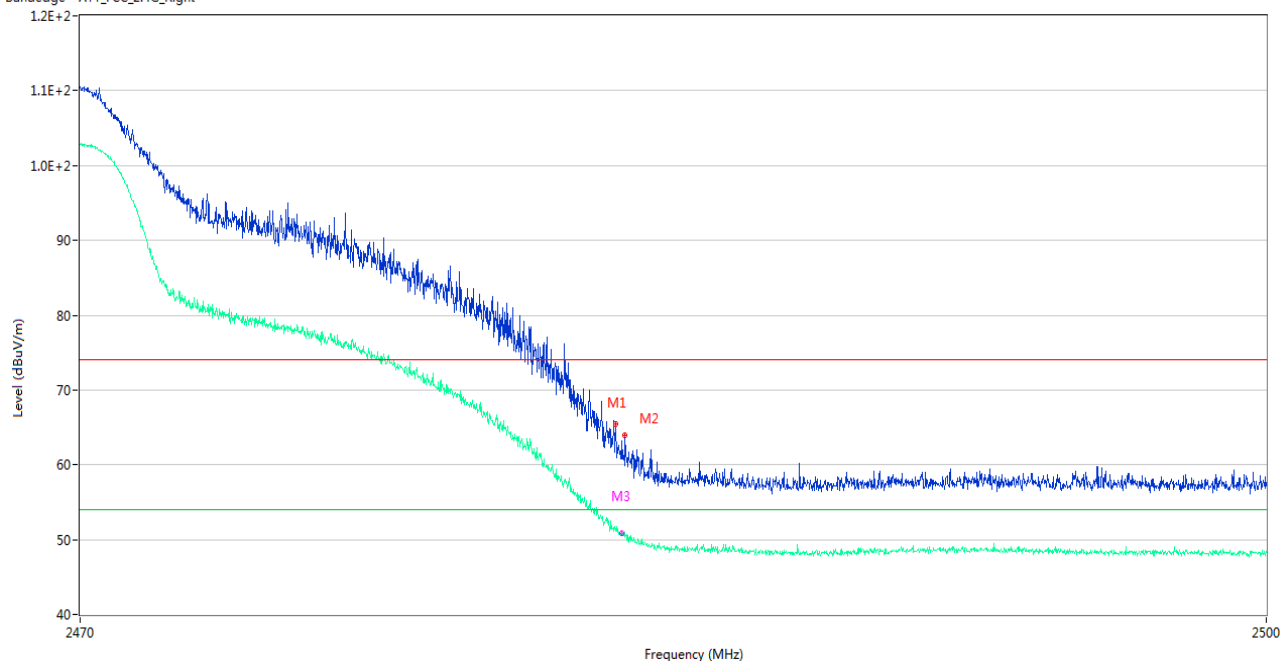
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.750	64.50	1.90	74.0	9.50	Peak	59.00	200	Horizontal	Pass
1**	2388.750	49.93	1.90	54.0	4.07	AV	59.00	200	Horizontal	Pass
2	2389.950	60.38	1.92	74.0	13.62	Peak	64.00	100	Horizontal	Pass
2**	2389.950	50.63	1.92	54.0	3.37	AV	64.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL

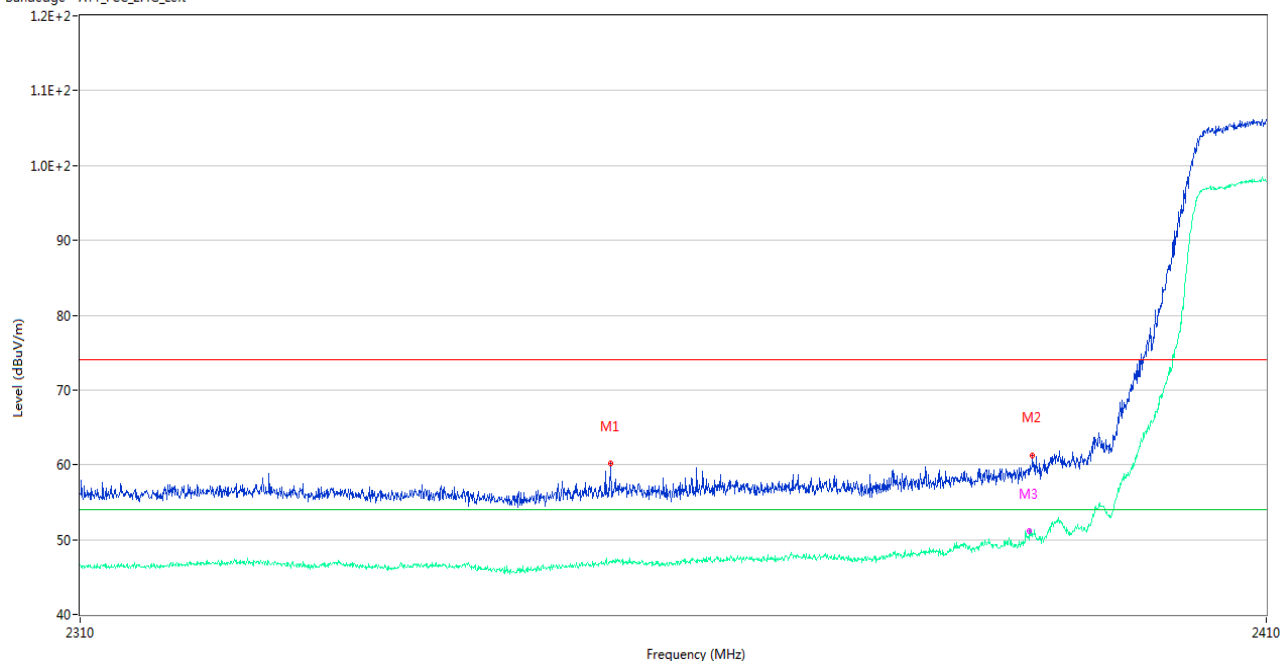
Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	65.51	2.11	74.0	8.49	Peak	64.00	100	Horizontal	Pass
1**	2483.500	50.92	2.11	54.0	3.08	AV	64.00	100	Horizontal	Pass
2	2483.740	63.90	2.12	74.0	10.10	Peak	62.00	100	Horizontal	Pass
2**	2483.740	50.44	2.12	54.0	3.56	AV	62.00	100	Horizontal	Pass
3	2483.650	60.79	2.11	74.0	13.21	Peak	72.00	150	Horizontal	Pass
3**	2483.650	50.82	2.11	54.0	3.18	AV	72.00	150	Horizontal	Pass

802.11n40 LOW CHANNEL

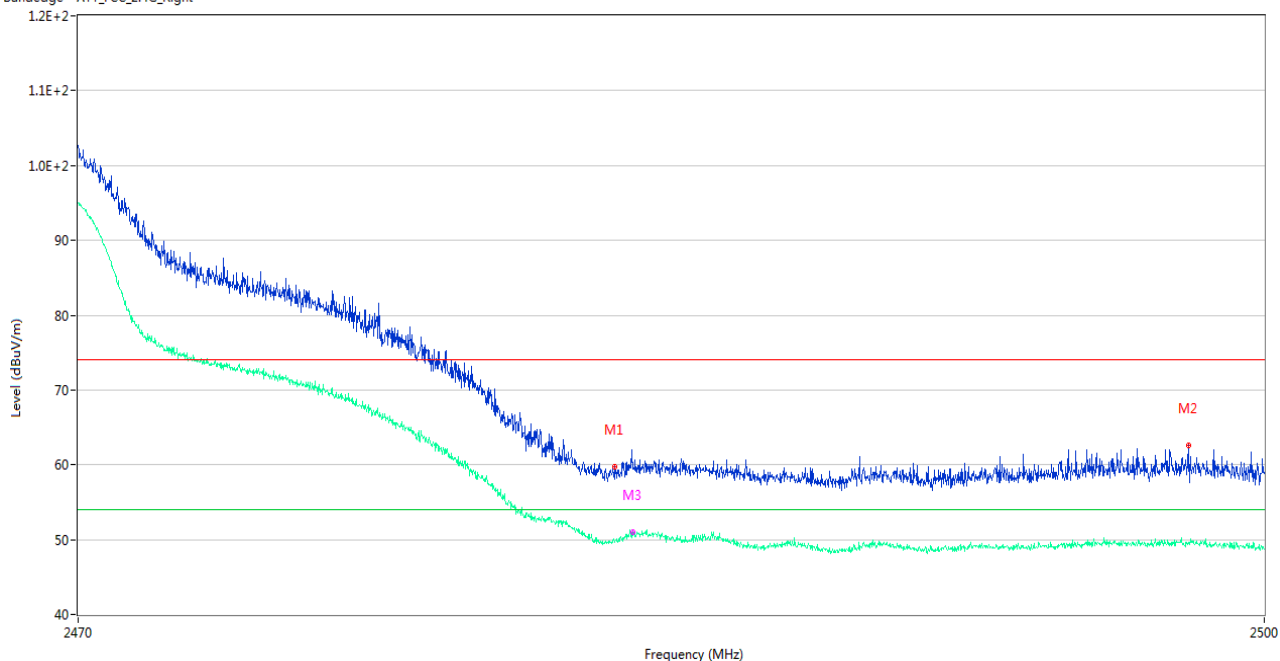
Bandedge - ATT_FCC_2.4G_Left



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2354.200	60.12	1.52	74.0	13.88	Peak	69.00	100	Horizontal	Pass
1**	2354.200	47.03	1.52	54.0	6.97	AV	69.00	100	Horizontal	Pass
2	2389.950	61.30	1.92	74.0	12.70	Peak	53.00	200	Horizontal	Pass
2**	2389.950	50.91	1.92	54.0	3.09	AV	53.00	200	Horizontal	Pass
3	2389.700	58.64	1.92	74.0	15.36	Peak	55.00	150	Horizontal	Pass
3**	2389.700	50.98	1.92	54.0	3.02	AV	55.00	150	Horizontal	Pass

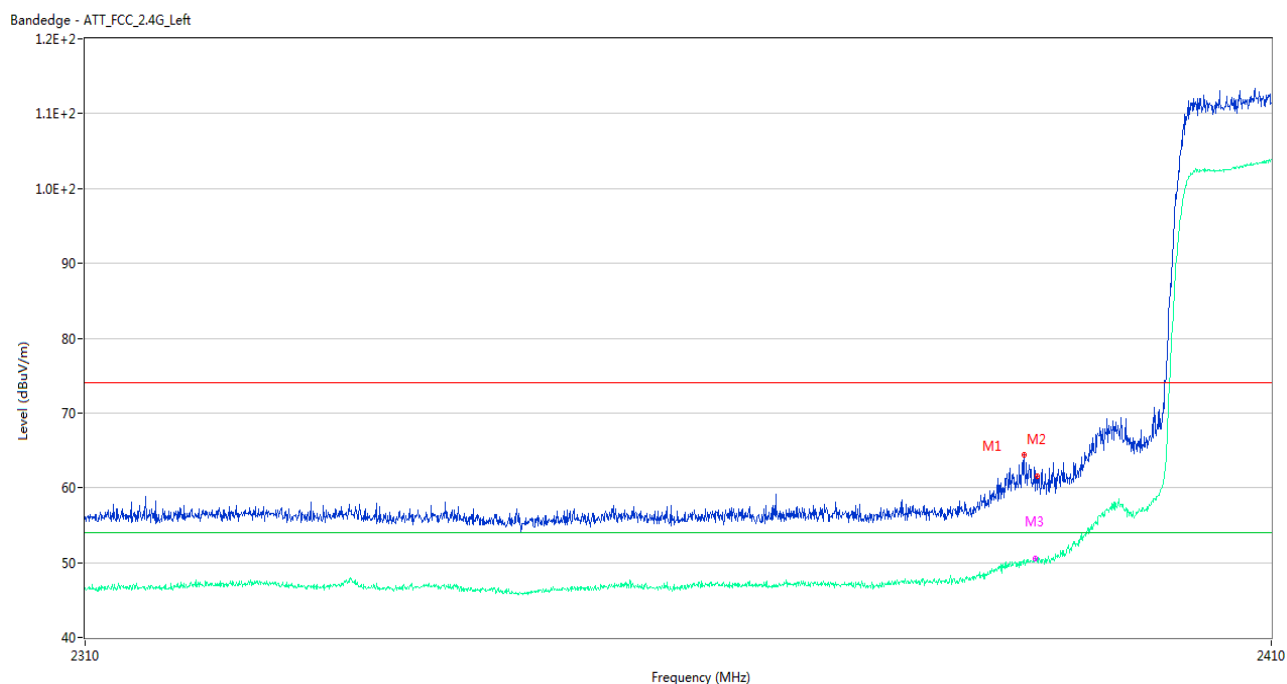
802.11n40 HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	59.67	2.11	74.0	14.33	Peak	53.00	200	Horizontal	Pass
1**	2483.515	49.60	2.11	54.0	4.40	AV	53.00	200	Horizontal	Pass
2	2498.065	62.52	1.67	74.0	11.48	Peak	49.00	200	Horizontal	Pass
2**	2498.065	49.57	1.67	54.0	4.43	AV	49.00	200	Horizontal	Pass
3	2483.980	60.34	2.13	74.0	13.66	Peak	56.00	150	Horizontal	Pass
3**	2483.980	50.99	2.13	54.0	3.01	AV	56.00	150	Horizontal	Pass

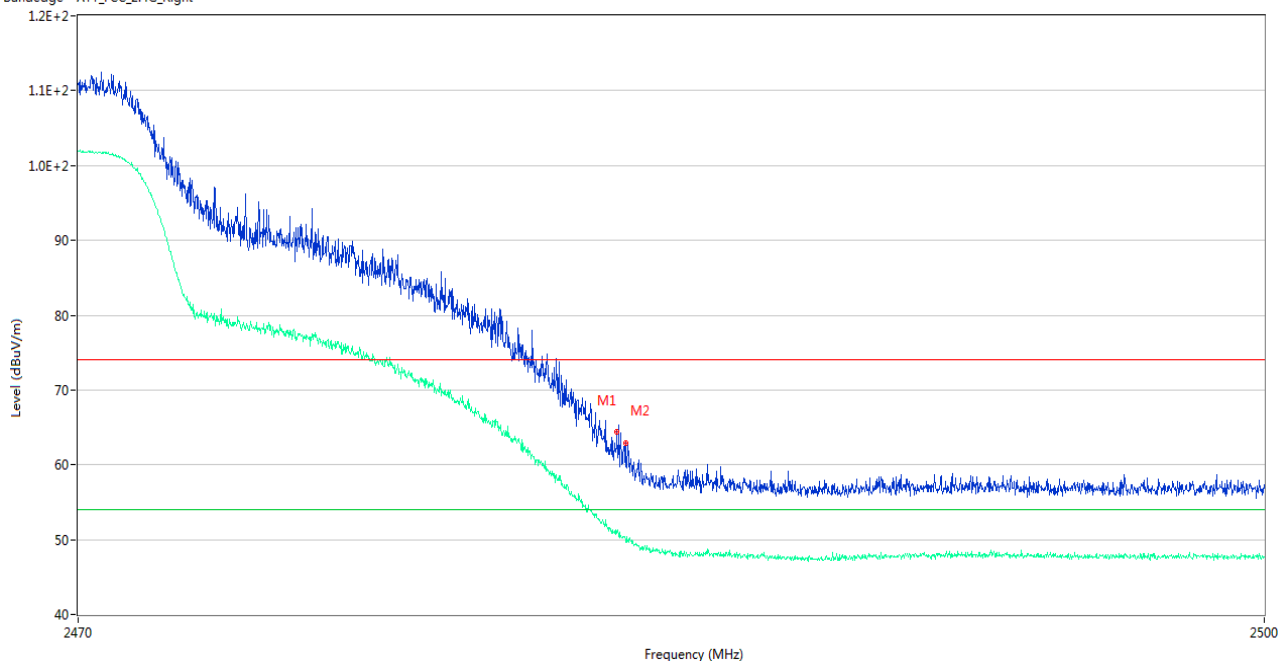
802.11ax20(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2388.800	64.36	1.90	74.0	9.64	Peak	37.00	150	Horizontal	Pass
1**	2388.800	49.98	1.90	54.0	4.02	AV	37.00	150	Horizontal	Pass
2	2389.950	61.58	1.92	74.0	12.42	Peak	63.00	200	Horizontal	Pass
2**	2389.950	50.20	1.92	54.0	3.80	AV	63.00	200	Horizontal	Pass
3	2389.750	62.03	1.92	74.0	11.97	Peak	61.00	150	Horizontal	Pass
3**	2389.750	50.52	1.92	54.0	3.48	AV	61.00	150	Horizontal	Pass

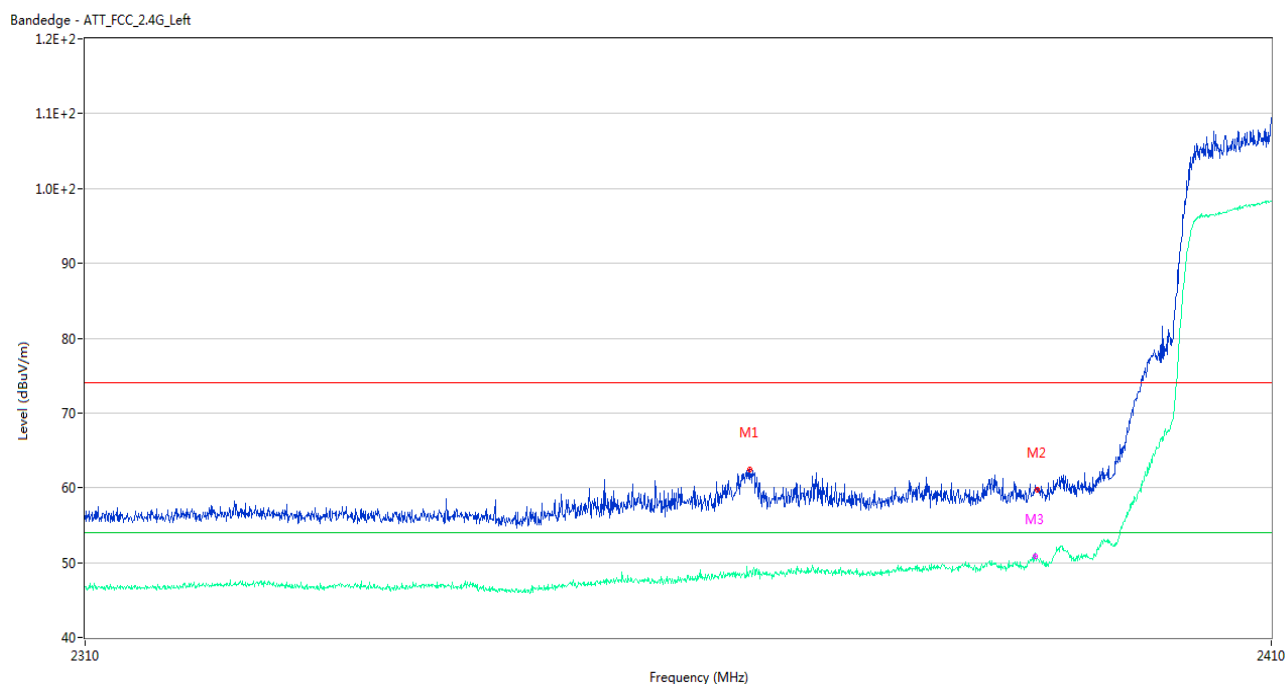
802.11 ax20(SU) HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.590	64.34	2.11	74.0	9.66	Peak	66.00	150	Horizontal	Pass
1**	2483.590	50.94	2.11	54.0	3.06	AV	66.00	150	Horizontal	Pass
2	2483.815	62.88	2.12	74.0	11.12	Peak	58.00	200	Horizontal	Pass
2**	2483.815	49.71	2.12	54.0	4.29	AV	58.00	200	Horizontal	Pass

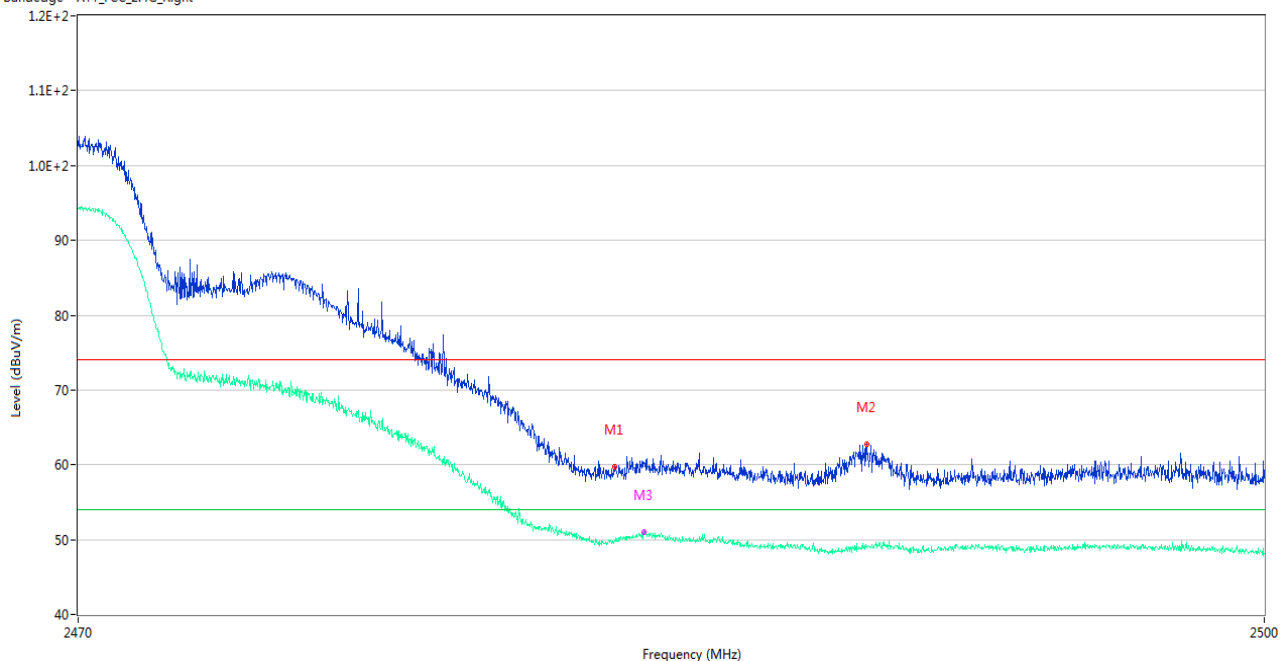
802.11ax40(SU) LOW CHANNEL



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2365.550	62.47	1.78	74.0	11.53	Peak	66.00	100	Horizontal	Pass
1**	2365.550	48.88	1.78	54.0	5.12	AV	66.00	100	Horizontal	Pass
2	2389.950	59.74	1.92	74.0	14.26	Peak	74.00	100	Horizontal	Pass
2**	2389.950	50.51	1.92	54.0	3.49	AV	74.00	100	Horizontal	Pass
3	2389.800	60.33	1.92	74.0	13.67	Peak	74.00	150	Horizontal	Pass
3**	2389.800	50.78	1.92	54.0	3.22	AV	74.00	150	Horizontal	Pass

802.11 ax40(SU) HIGH CHANNEL

Bandedge - ATT_FCC_2.4G_Right



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.515	59.68	2.11	74.0	14.32	Peak	68.00	200	Horizontal	Pass
1**	2483.515	49.84	2.11	54.0	4.16	AV	68.00	200	Horizontal	Pass
2	2489.905	62.68	1.69	74.0	11.32	Peak	73.00	150	Horizontal	Pass
2**	2489.905	48.94	1.69	54.0	5.06	AV	73.00	150	Horizontal	Pass
3	2484.265	60.38	2.14	74.0	13.62	Peak	73.00	150	Horizontal	Pass
3**	2484.265	50.93	2.14	54.0	3.07	AV	73.00	150	Horizontal	Pass

A.8 Power Spectral Density (PSD)

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

SISO-0 Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-5.91	8
Middle	-7.02	8
High	-6.57	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-8.17	8
Middle	-9.22	8
High	-7.00	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-9.74	8
Middle	-7.44	8
High	-9.12	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.43	8
Middle	-10.47	8
High	-14.37	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-11.61	8
Middle	-9.65	8
High	-9.40	8

802.11ax-40 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.48	8
Middle	-11.61	8
High	-15.67	8

SISO-0 Test Plots

802.11b LOW CHANNEL



802.11b MIDDLE CHANNEL



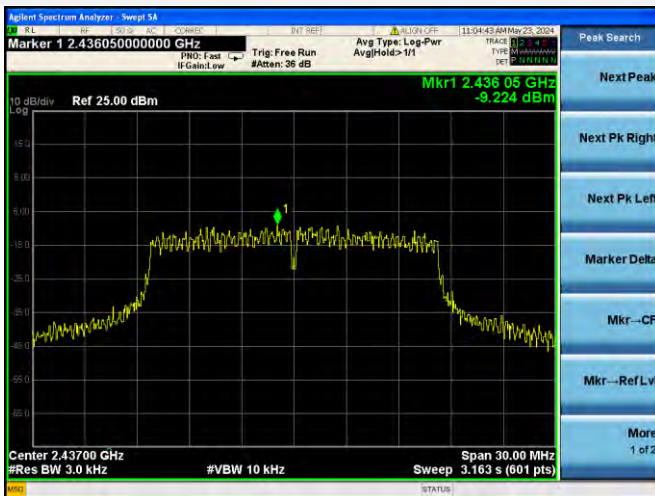
802.11b HIGH CHANNEL



802.11g LOW CHANNEL



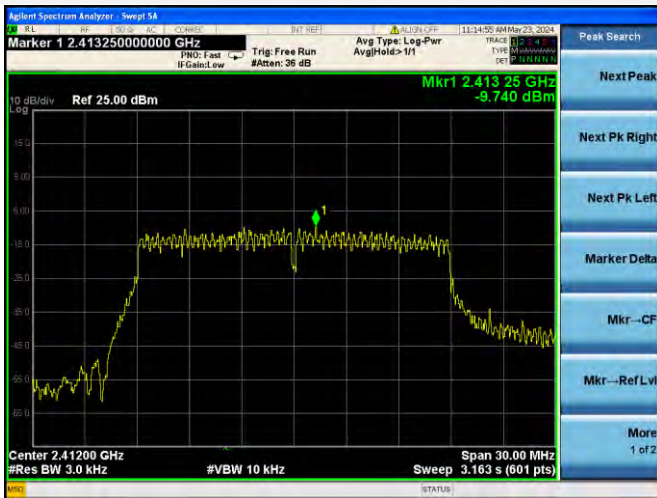
802.11g MIDDLE CHANNEL



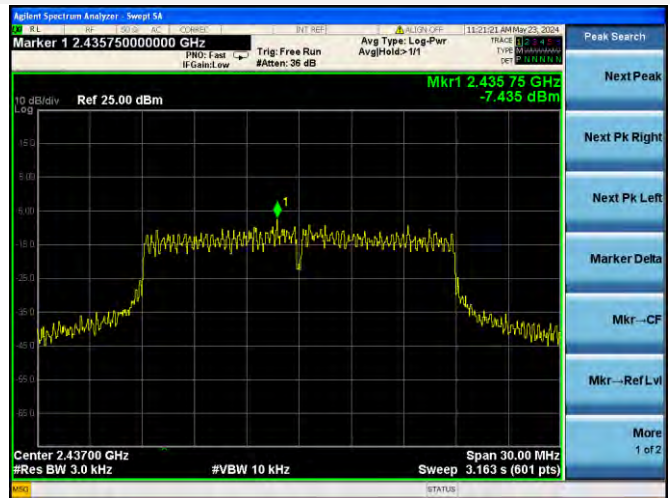
802.11g HIGH CHANNEL



802.11n-20 MHz LOW CHANNEL



802.11n-20 MHz MIDDLE CHANNEL



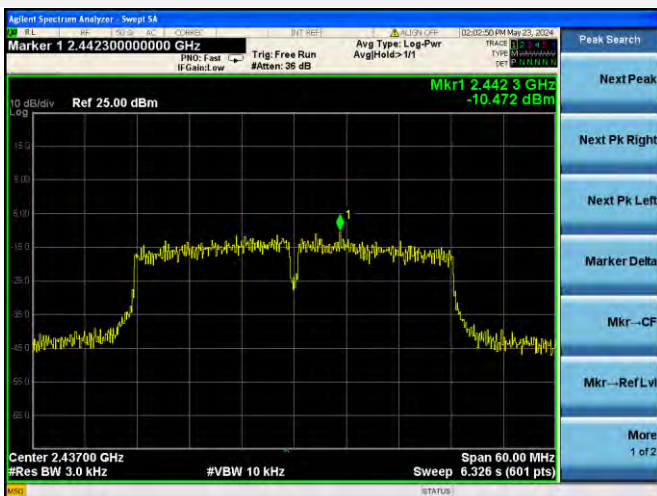
802.11n-20 MHz HIGH CHANNEL



802.11n-40 MHz LOW CHANNEL



802.11n-40 MHz MIDDLE CHANNEL



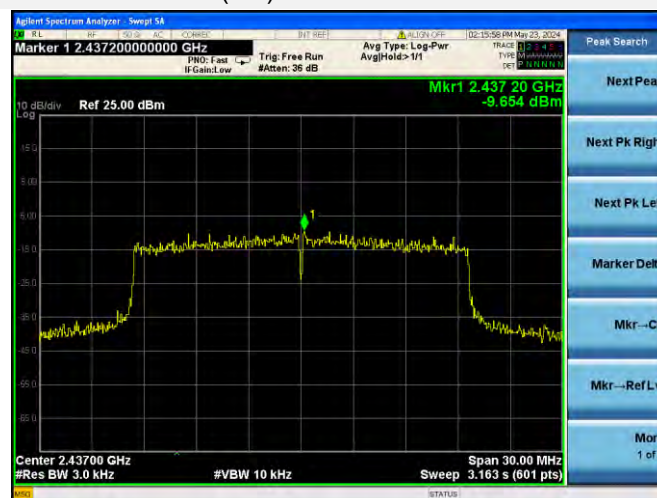
802.11n-40 MHz HIGH CHANNEL



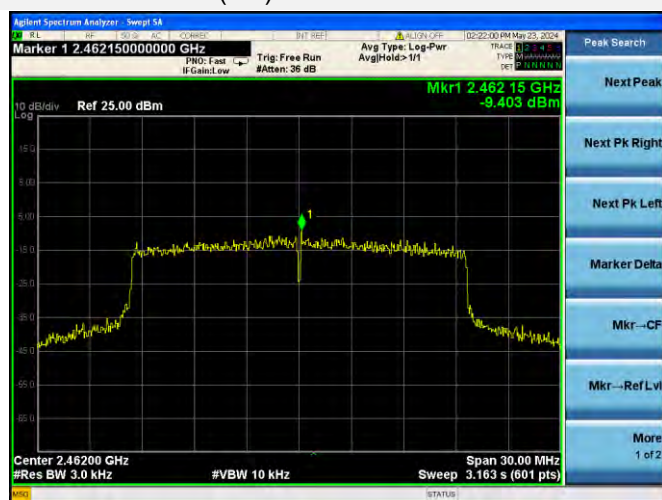
802.11ax-20 MHz(SU) LOW CHANNEL



802.11ax-20 MHz(SU) MIDDLE CHANNEL



802.11ax-20 MHz(SU) HIGH CHANNEL



802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2450163-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2450163-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2450163-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
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7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--