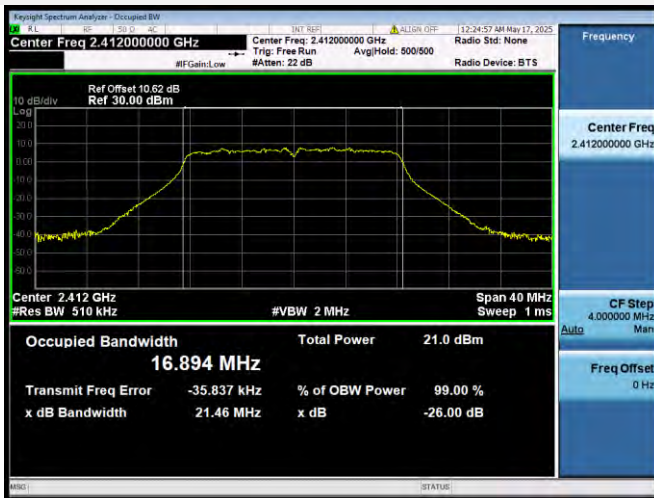


802.11ax-20 MHz(SU) LOW CHANNEL



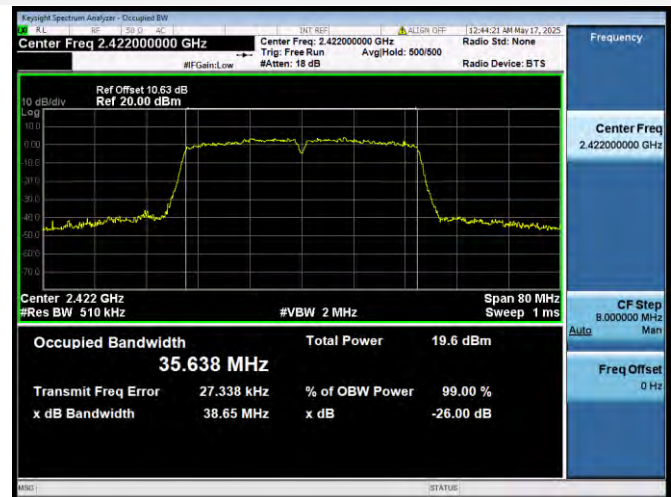
802.11ax-20 MHz(SU) MIDDLE CHANNEL



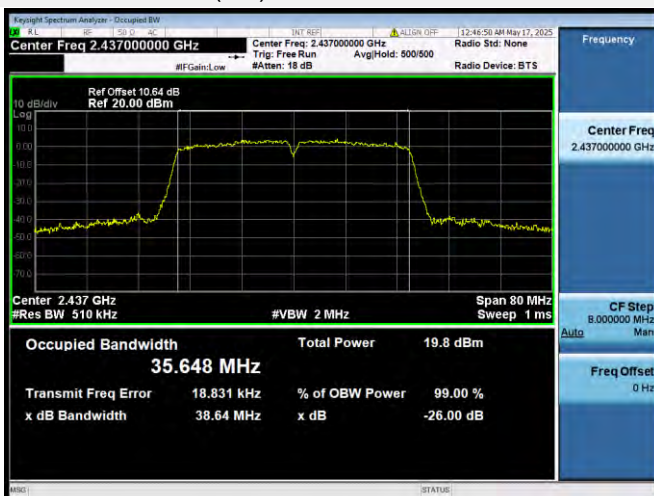
802.11ax-20 MHz(SU) HIGH CHANNEL



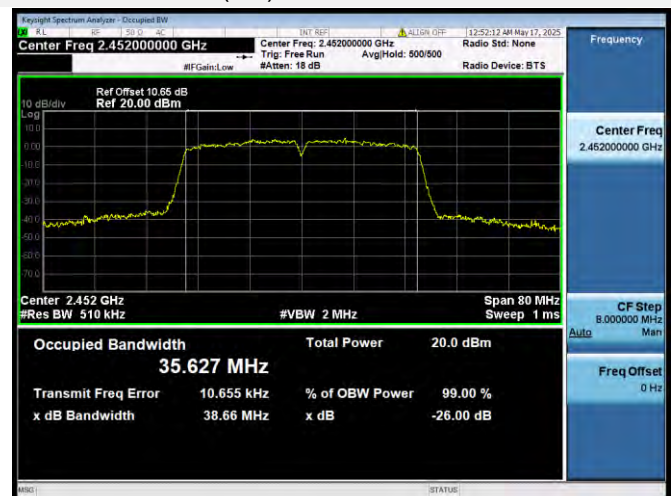
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



A.3 Conducted Spurious Emissions

Note ¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

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

SISO-Antenna 1

Test Data

802.11b Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-32.42	2.57	-17.43	Pass
Middle	-35.71	3.08	-16.93	Pass
High	-34.42	5.47	-14.53	Pass

802.11g Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-34.28	-0.96	-20.96	Pass
Middle	-35.58	-0.51	-20.51	Pass
High	-36.20	-0.20	-20.20	Pass

802.11n-20MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.00	-0.92	-20.92	Pass
Middle	-35.84	0.01	-19.99	Pass
High	-34.35	0.18	-19.82	Pass

802.11n-40MHz Mode:

Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-33.26	-3.60	-23.60	Pass
Middle	-33.42	-3.46	-23.46	Pass
High	-34.06	-3.28	-23.28	Pass

802.11ax-20 MHz(SU) Mode:

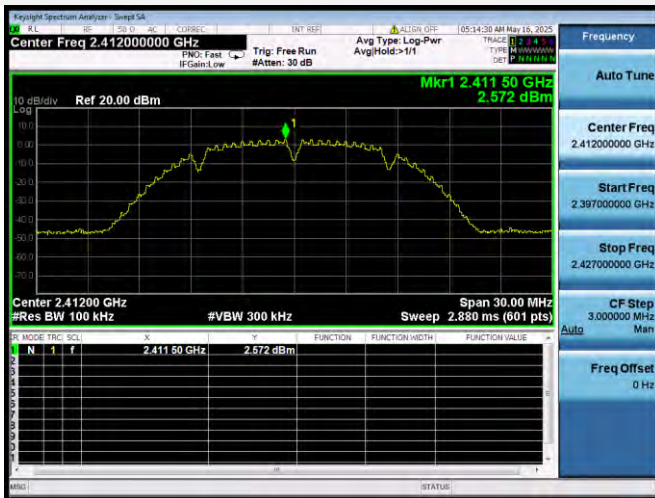
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-35.91	1.08	-18.92	Pass
Middle	-35.55	1.56	-18.44	Pass
High	-35.12	-0.08	-20.08	Pass

802.11ax-40 MHz(SU) Mode:

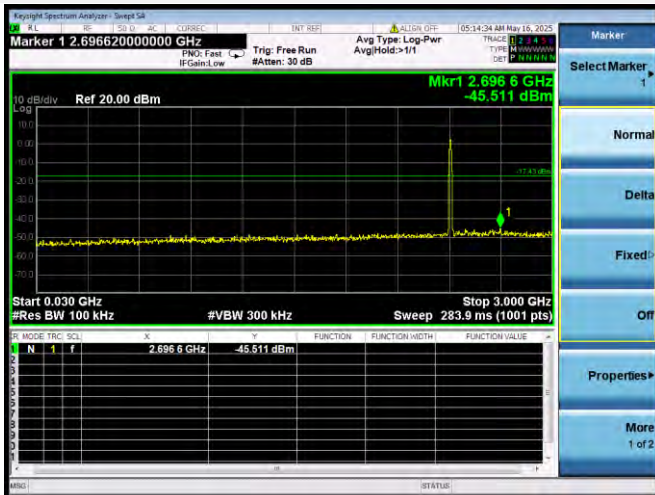
Channel	Measured Max. Out of Band Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-36.25	-3.39	-23.39	Pass
Middle	-35.95	-3.11	-23.11	Pass
High	-33.74	-2.96	-22.96	Pass

Test Plots

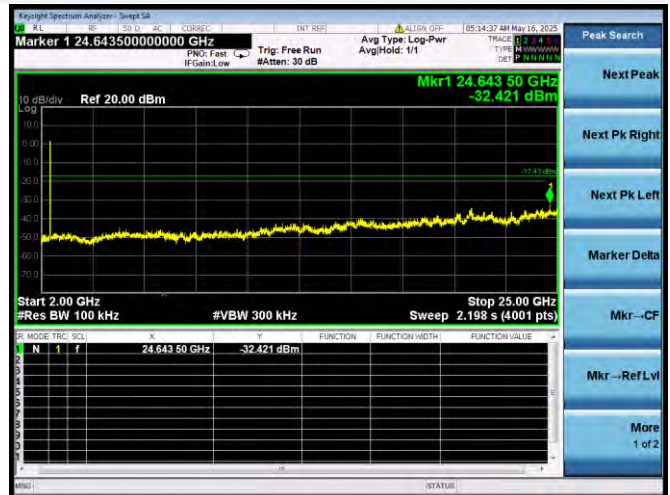
802.11b LOW CHANNEL CARRIER LEVEL



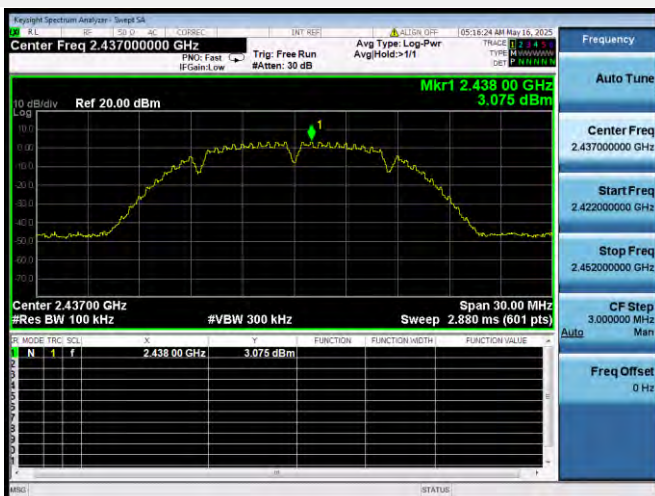
802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



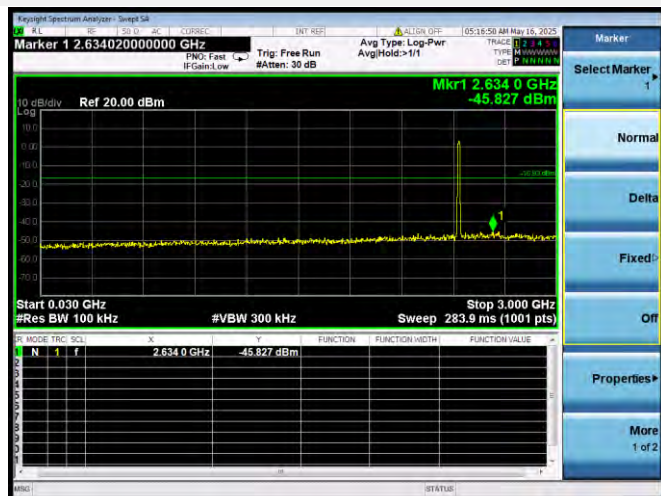
802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



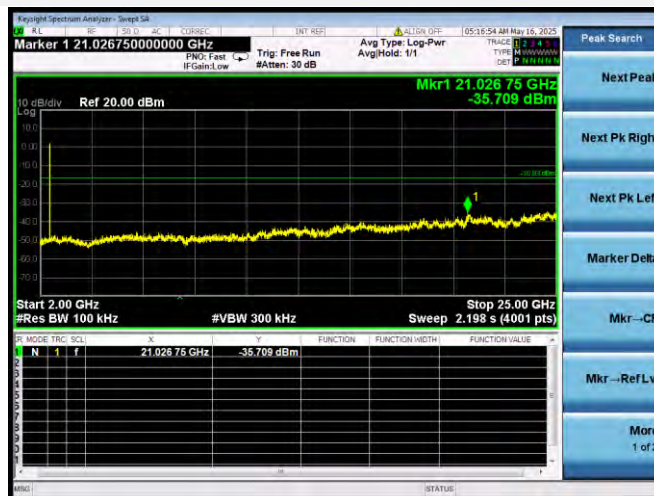
802.11b MIDDLE CHANNEL CARRIER LEVEL



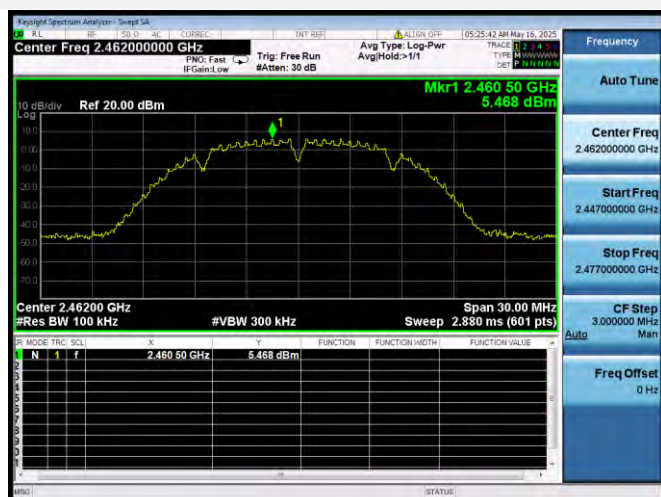
802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



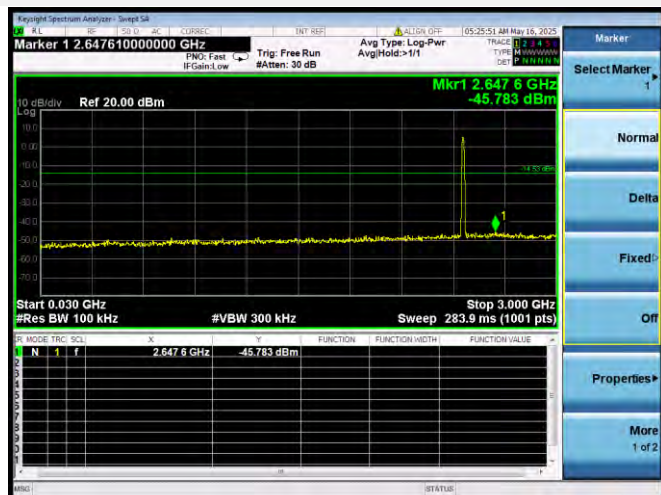
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



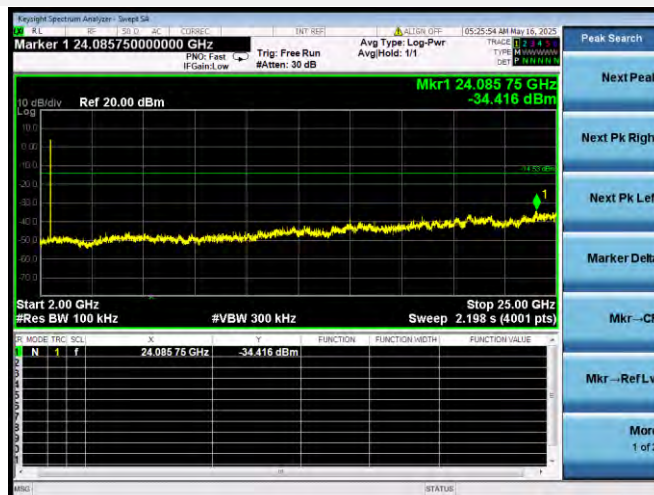
802.11b HIGH CHANNEL CARRIER LEVEL



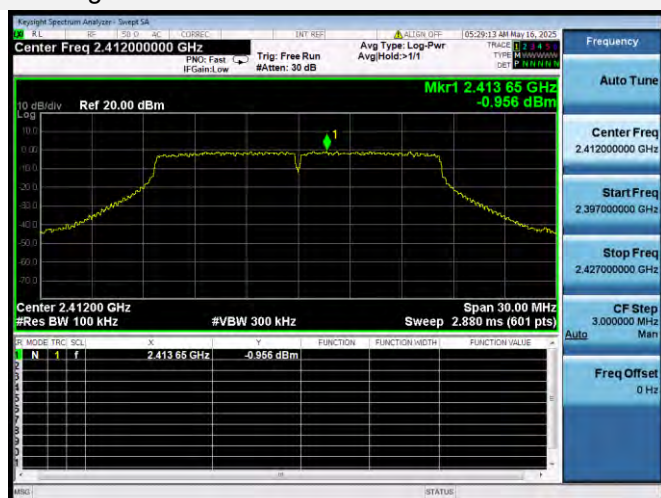
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



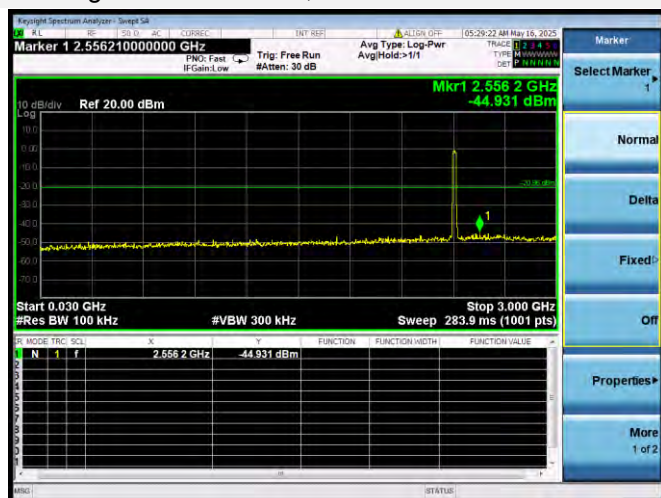
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



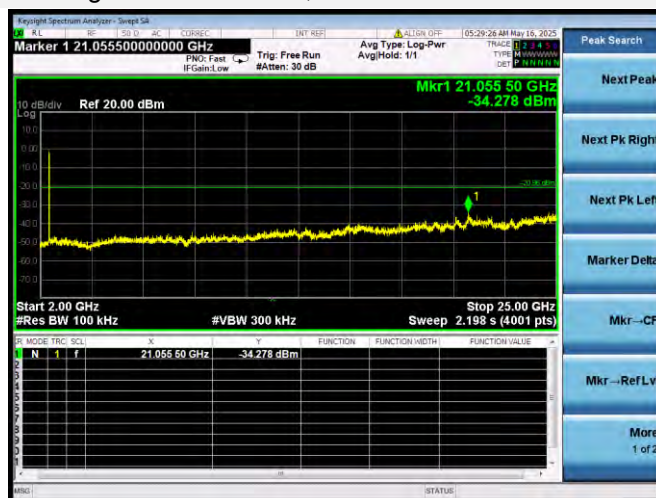
802.11g LOW CHANNEL CARRIER LEVEL



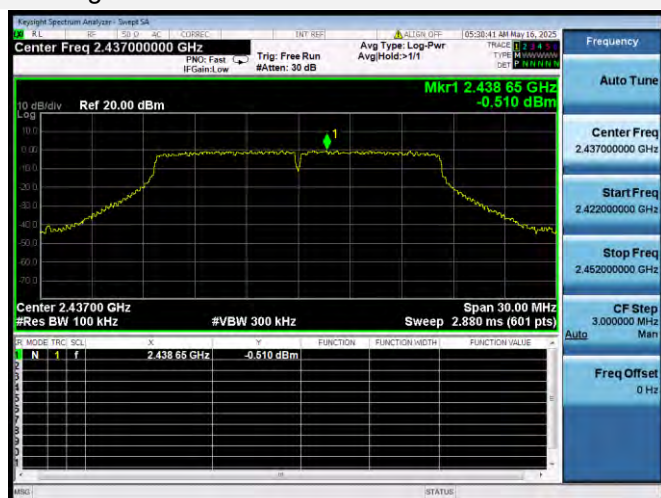
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



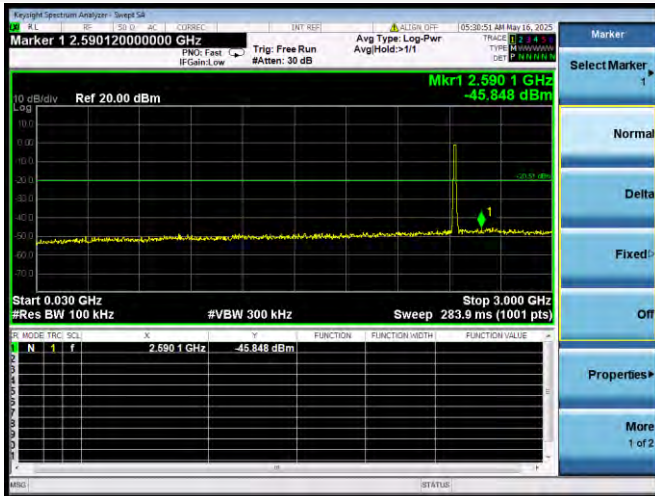
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



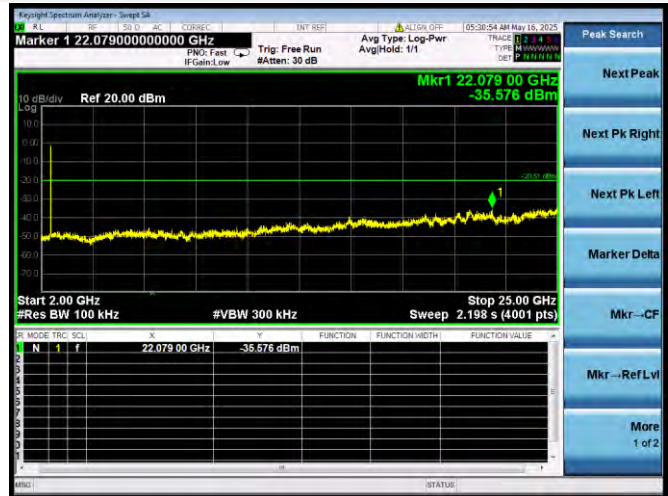
802.11g MIDDLE CHANNEL CARRIER LEVEL



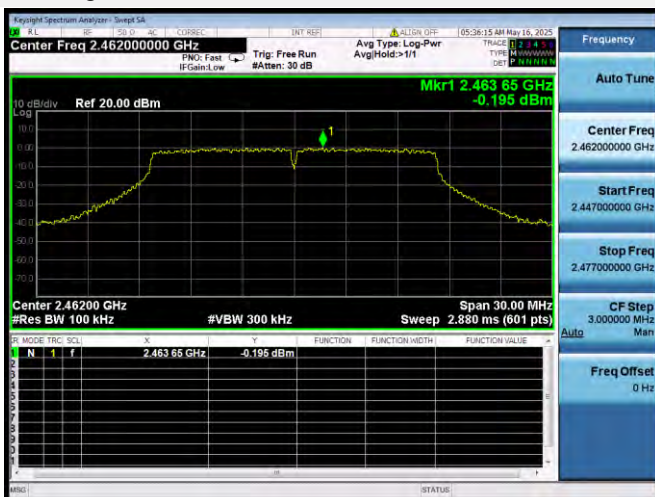
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



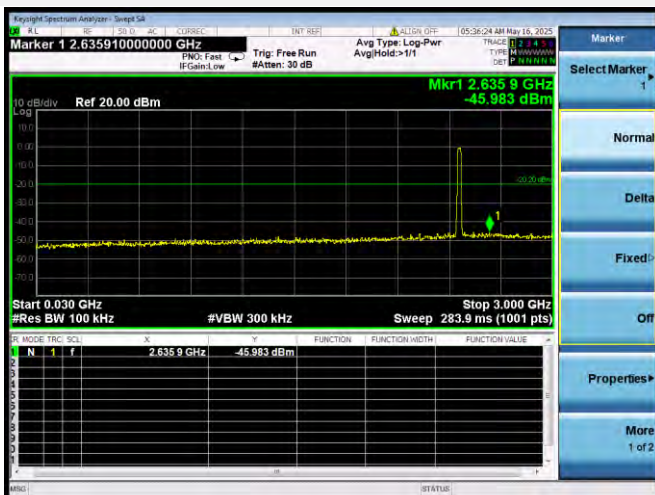
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



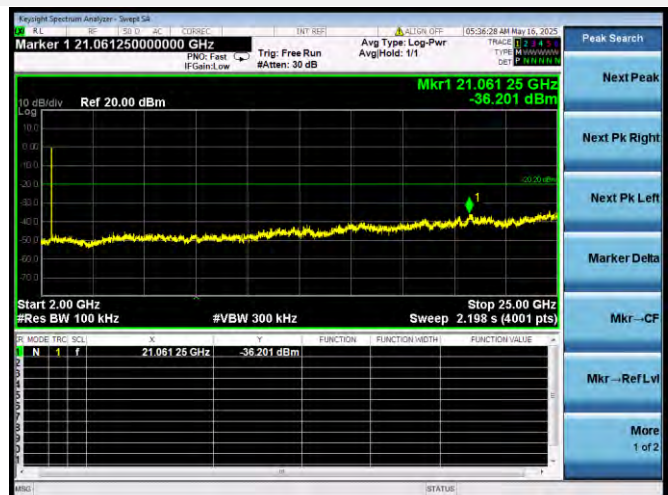
802.11g HIGH CHANNEL CARRIER LEVEL



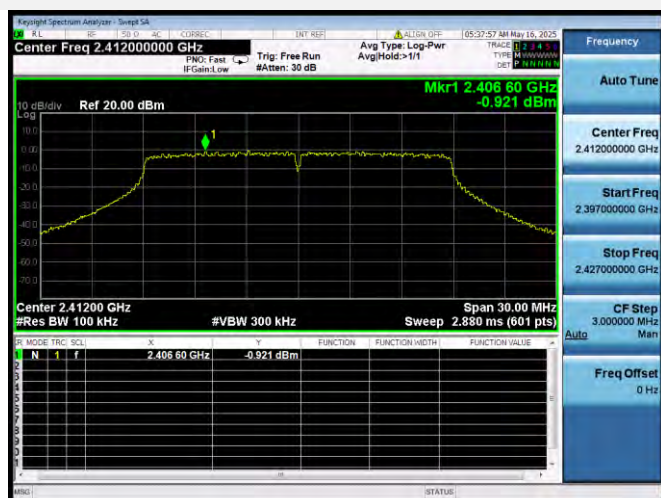
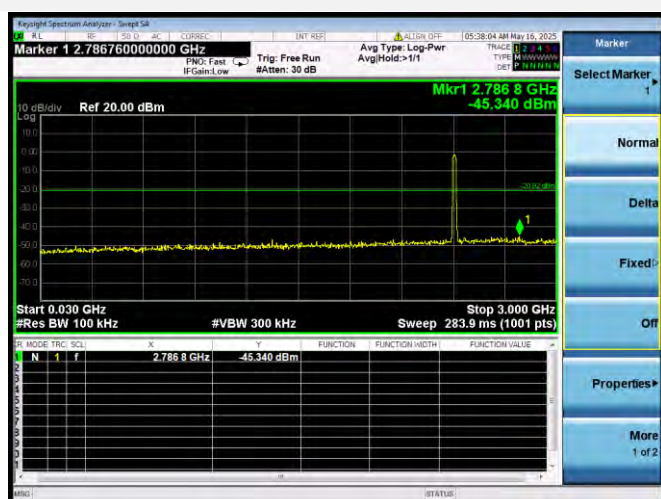
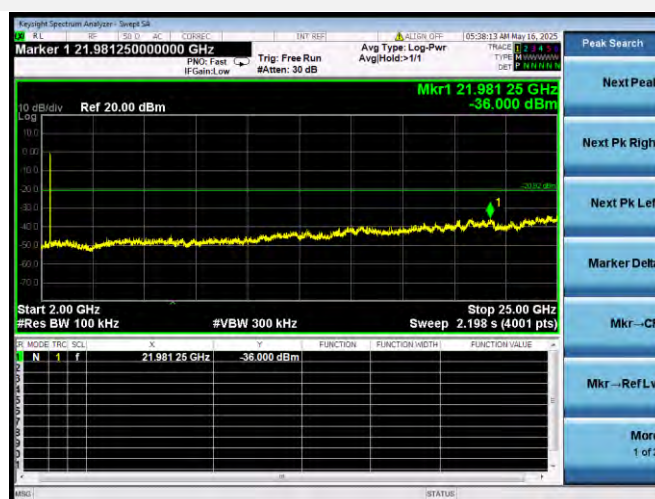
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



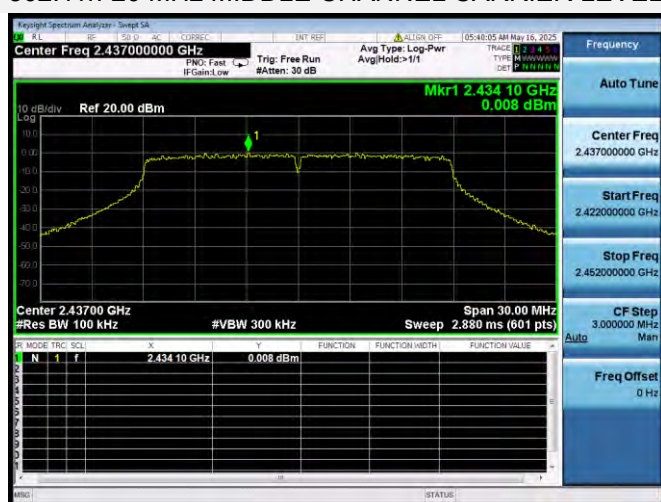
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



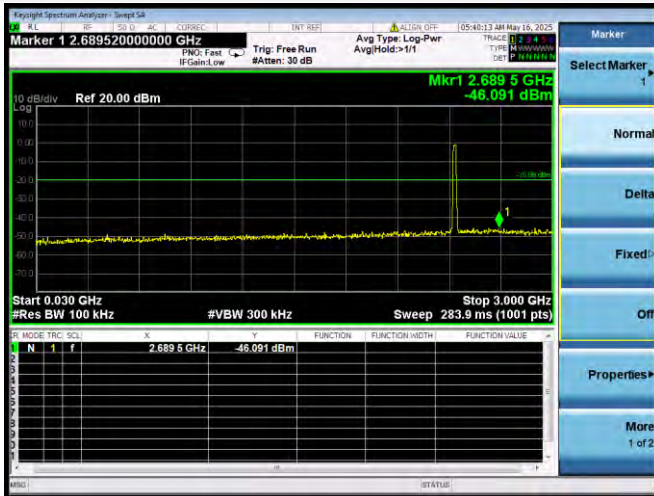
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

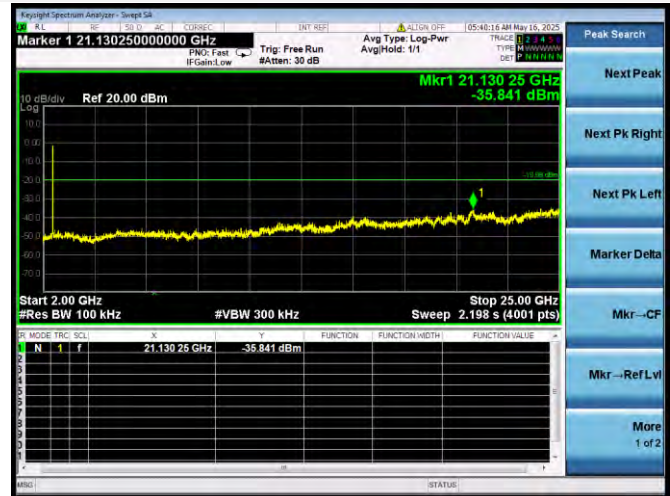
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



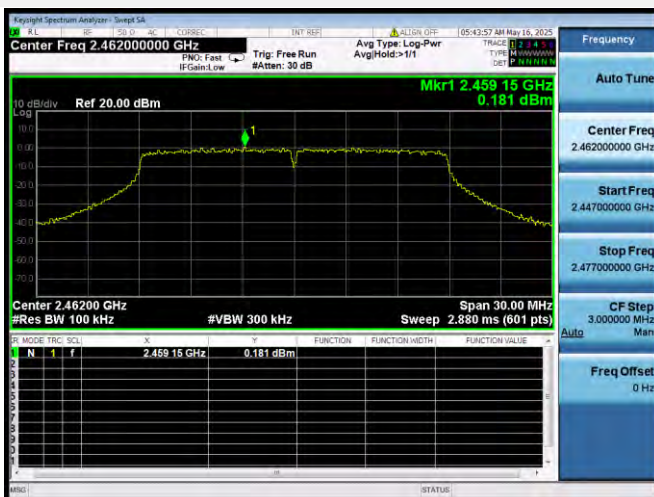
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



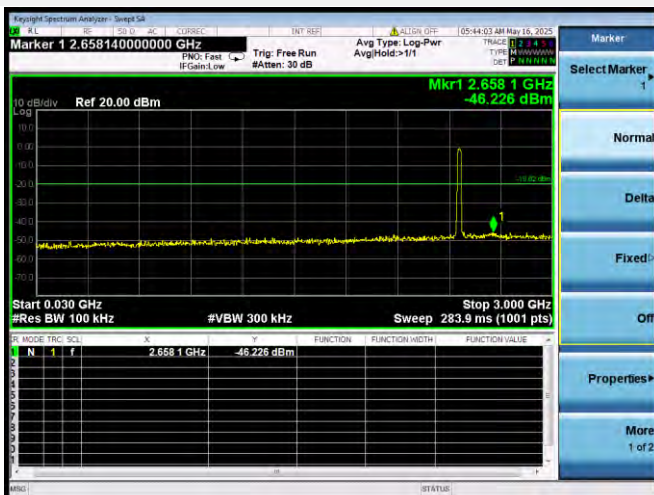
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



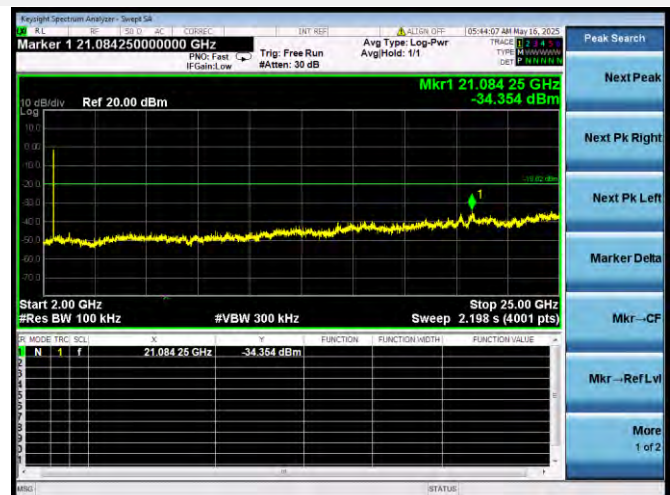
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



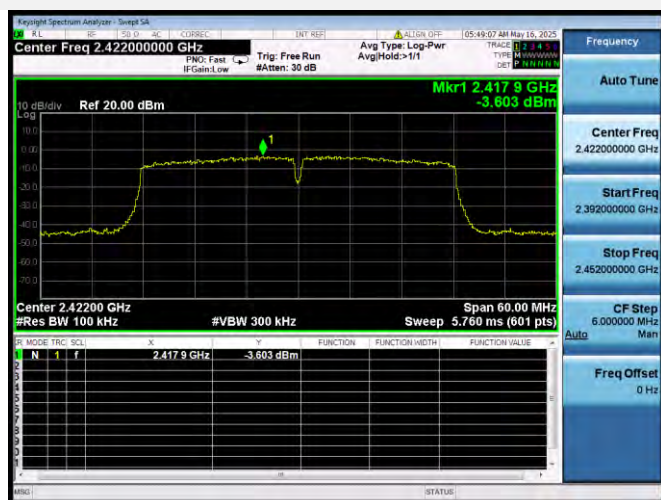
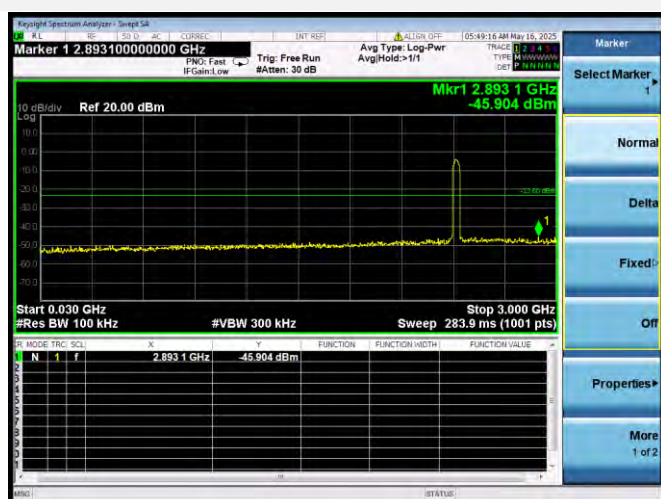
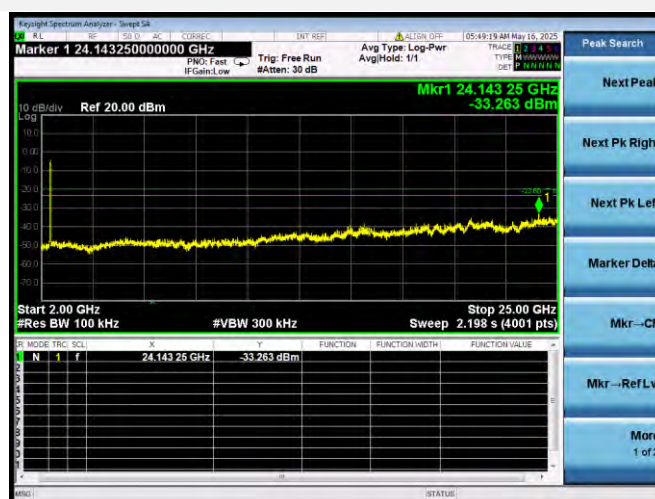
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



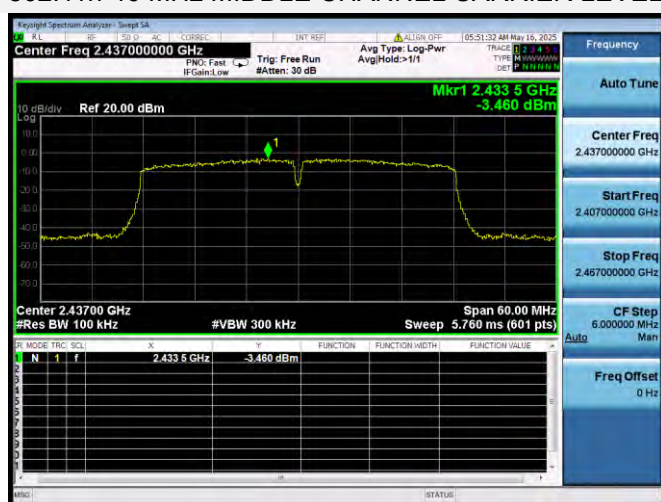
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



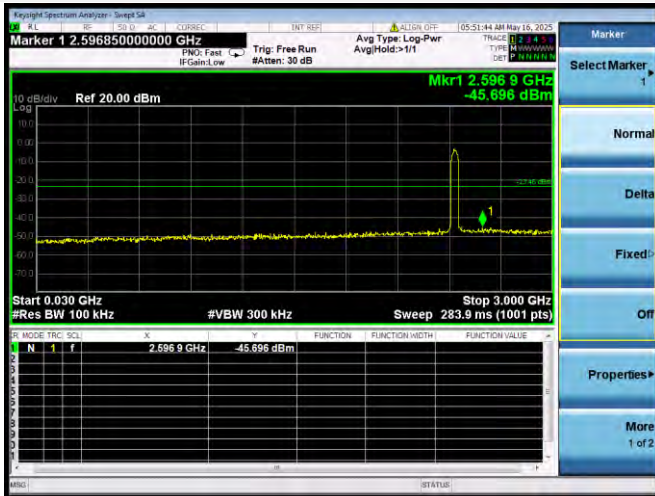
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

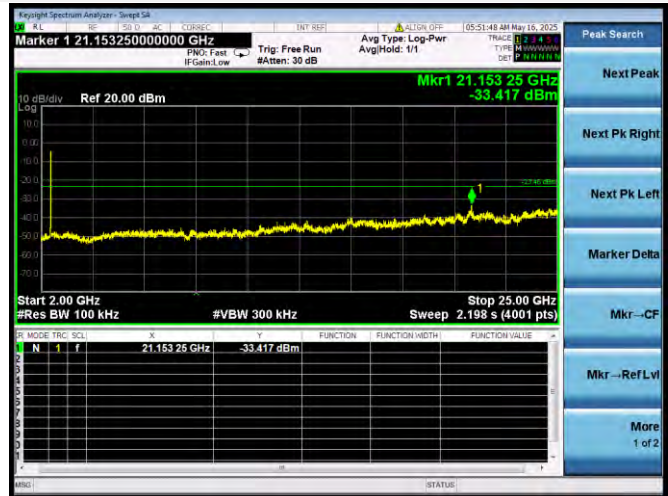
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



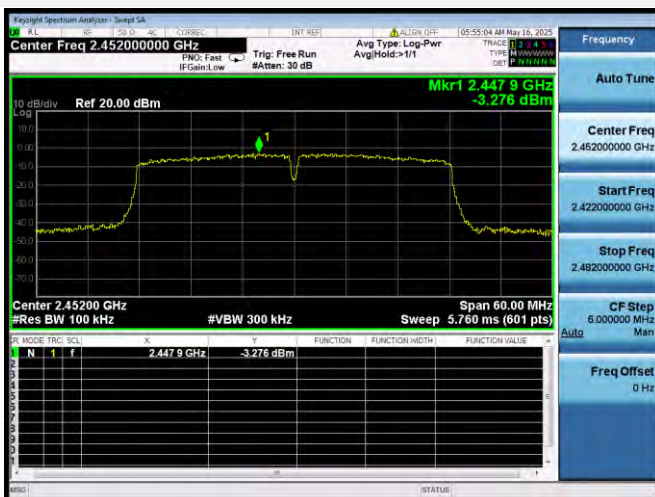
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



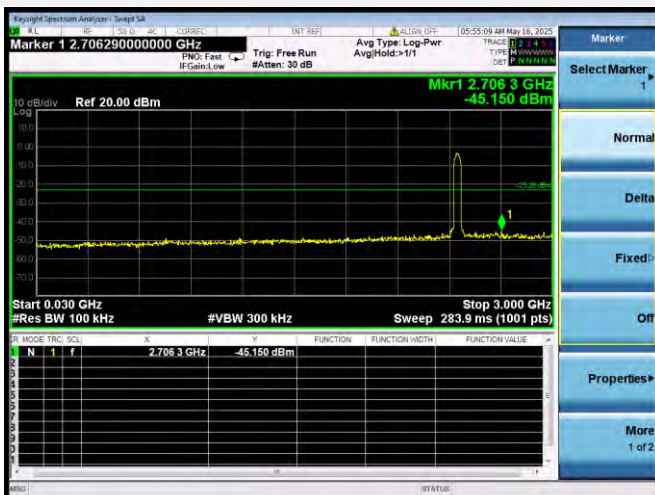
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



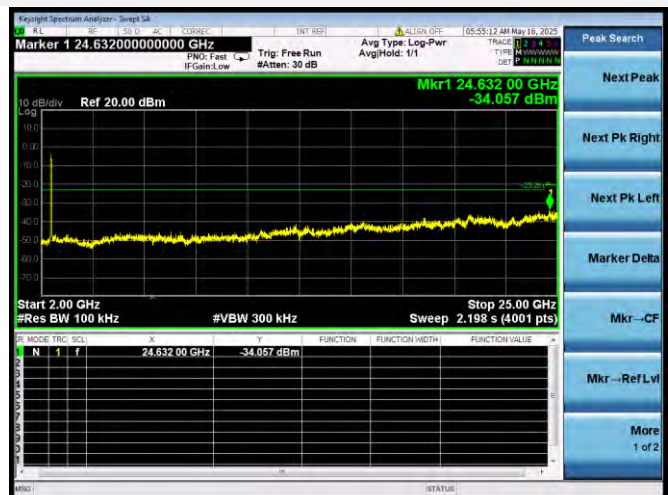
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



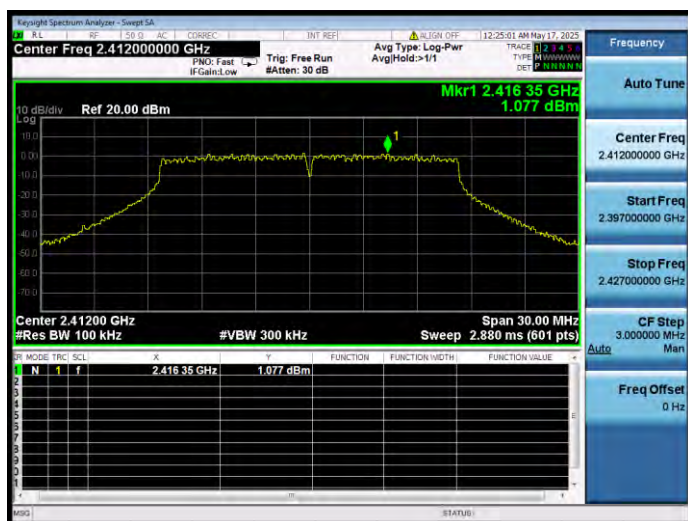
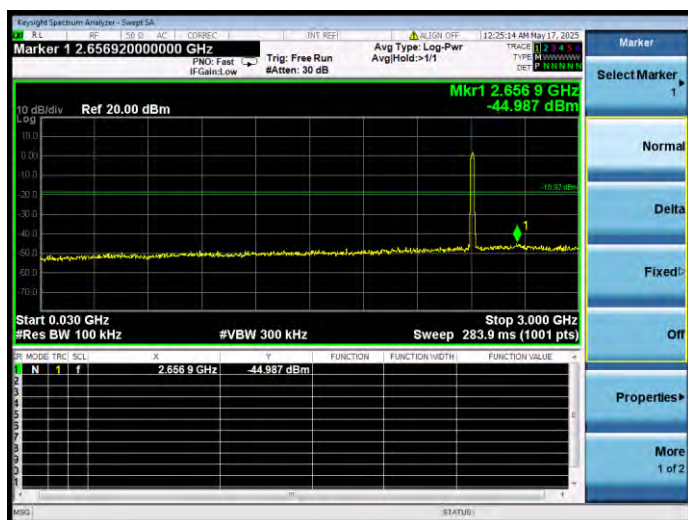
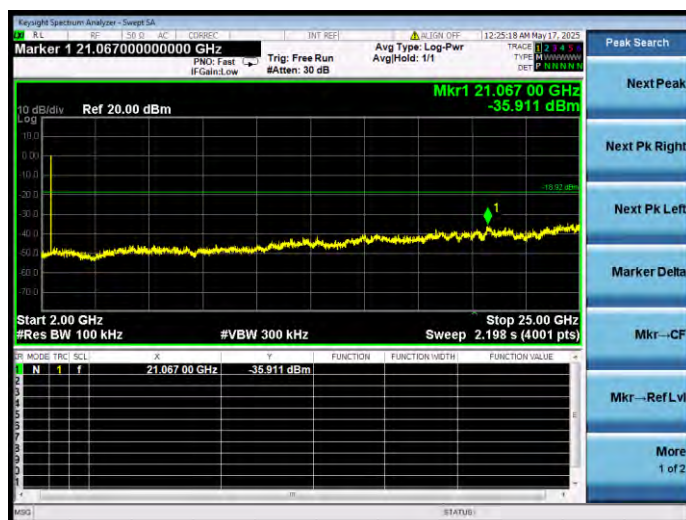
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



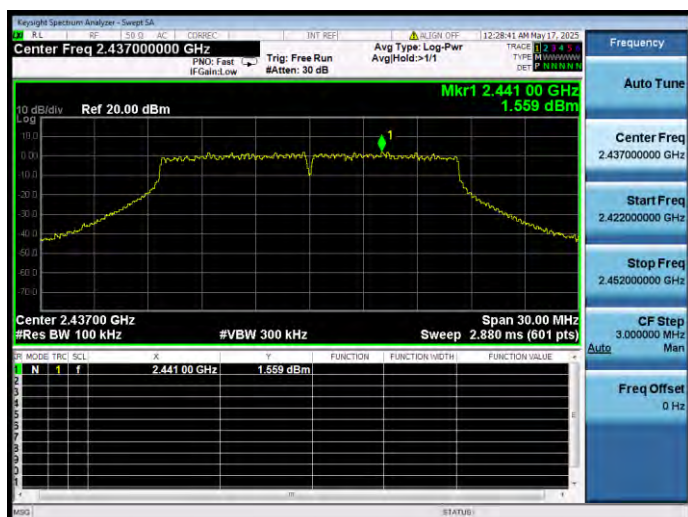
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



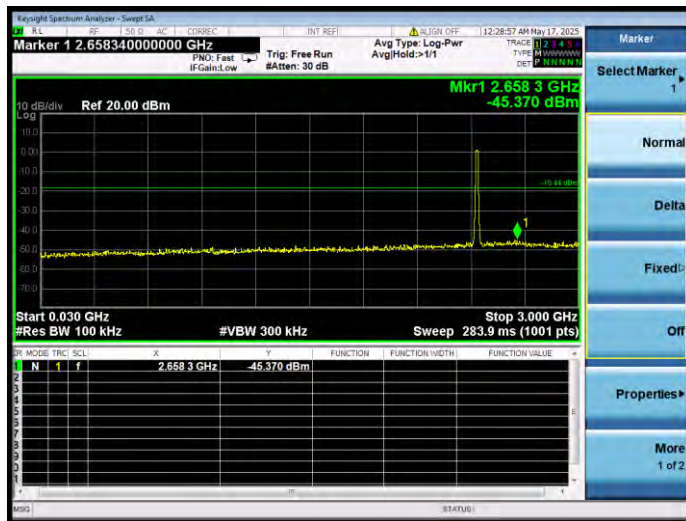
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

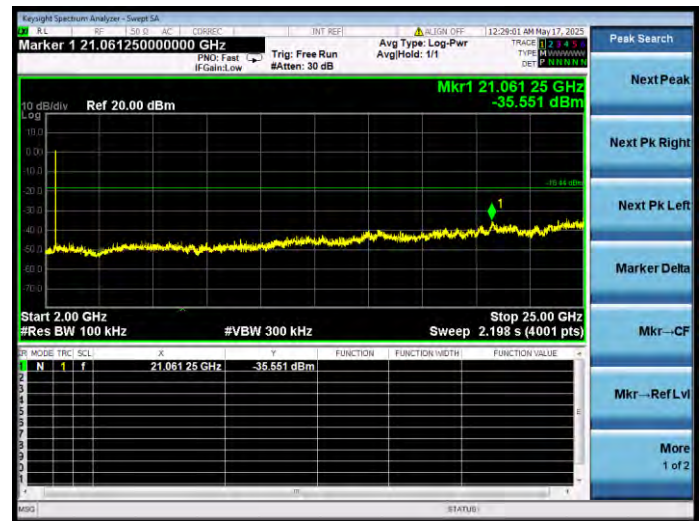
802.11ax-20 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



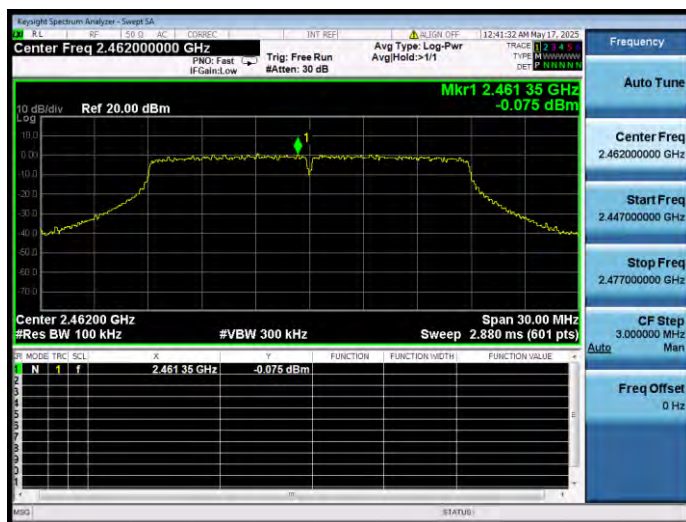
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



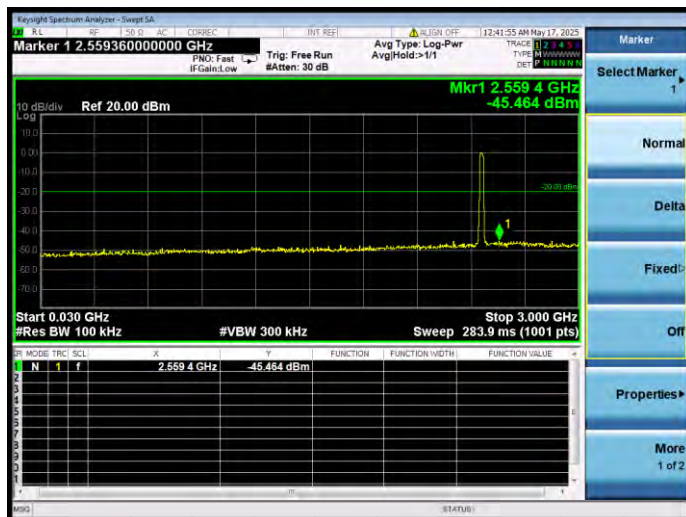
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



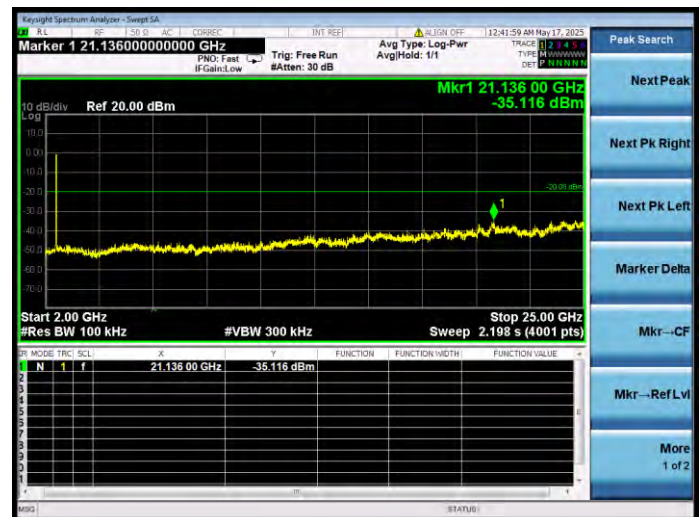
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



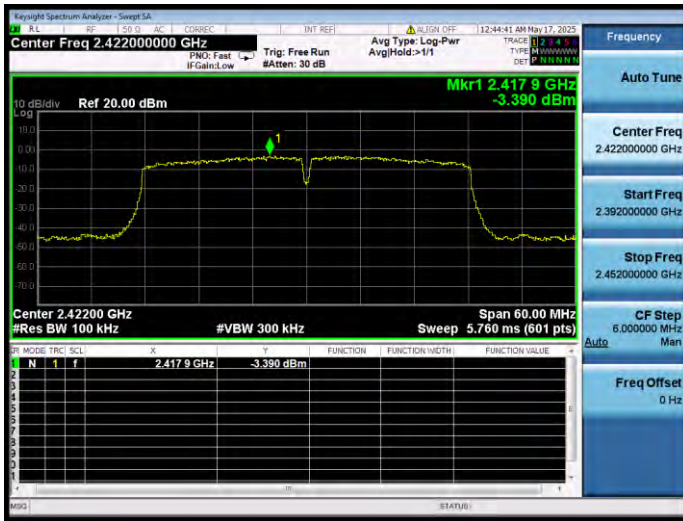
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



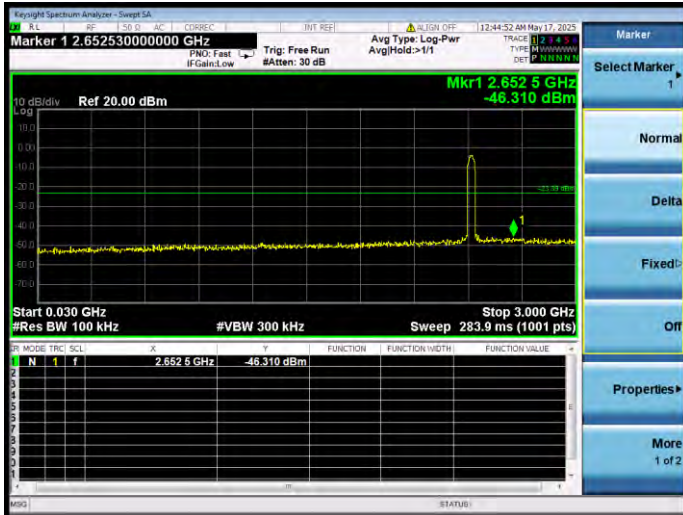
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



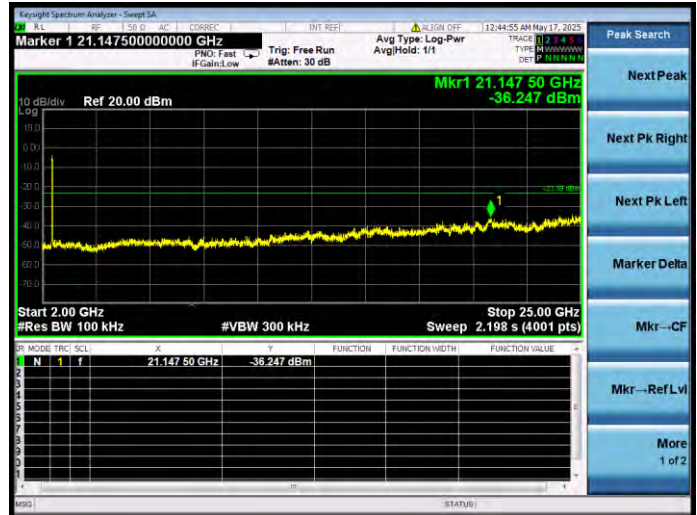
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



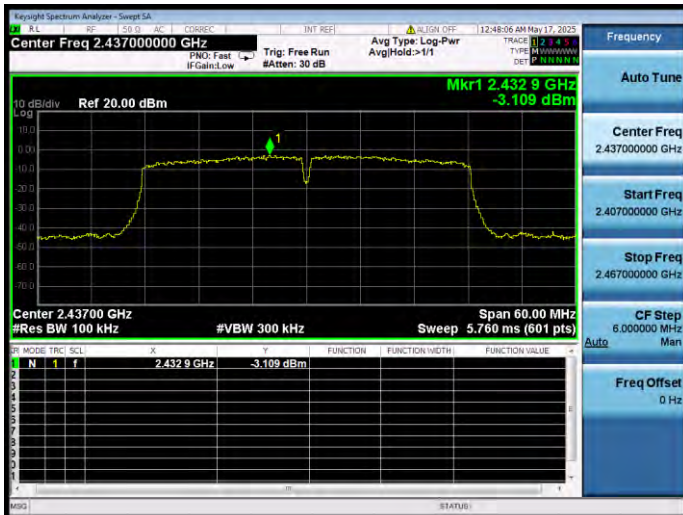
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



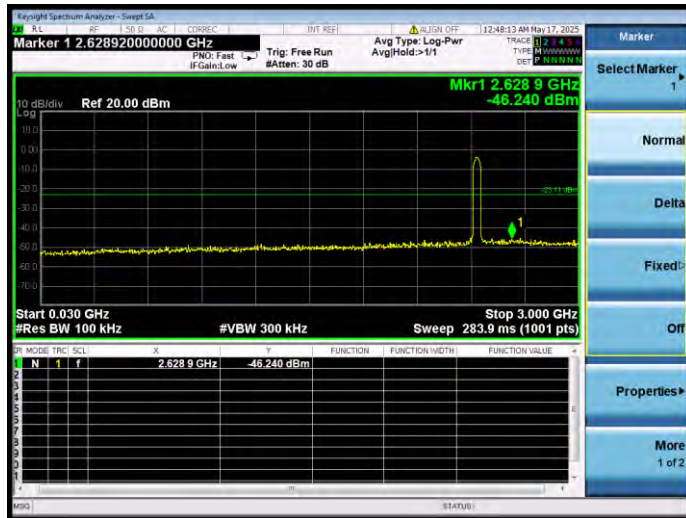
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



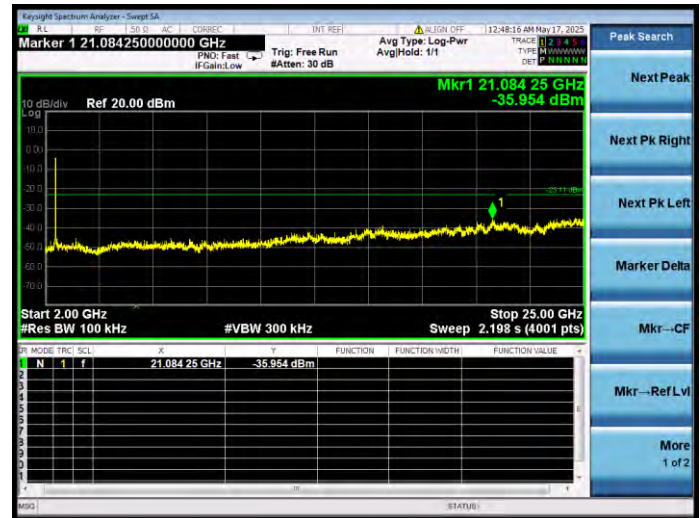
802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



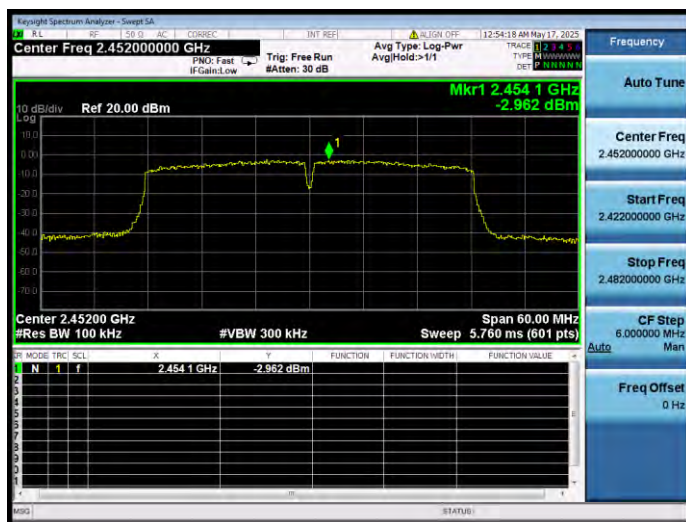
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



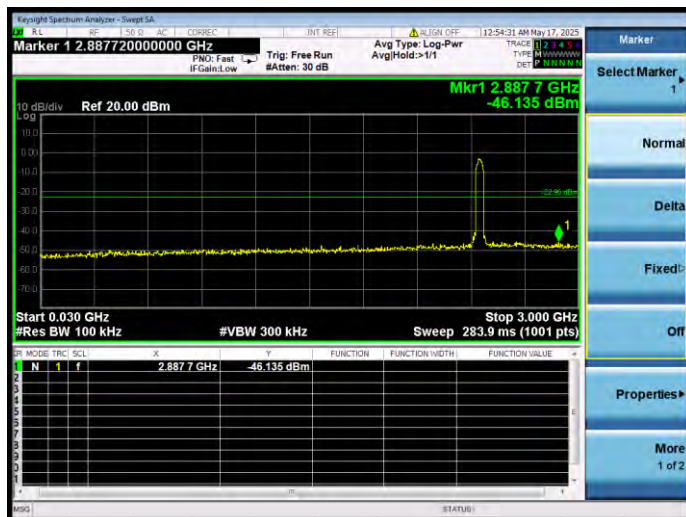
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



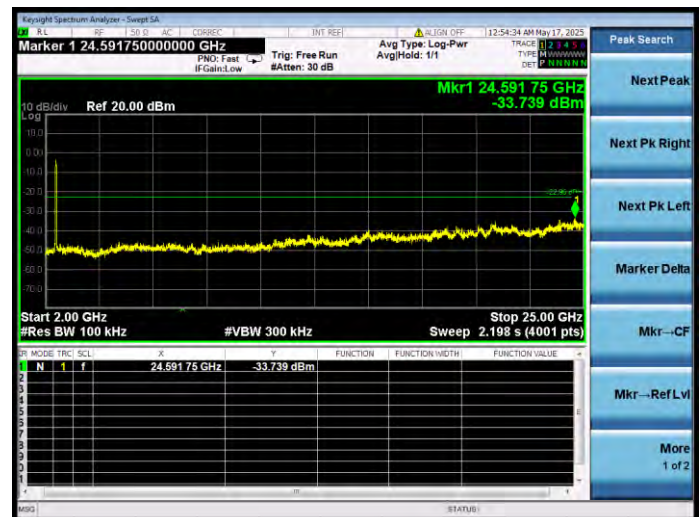
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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)

Note¹: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note³: All antenna were pre tested, but only the worst case has been reported in this report.

SISO-Antenna 1

Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-46.71	2.57	-17.43	Pass
High Channel	-47.77	5.47	-14.53	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.43	-0.96	-20.96	Pass
High Channel	-46.33	-0.20	-20.20	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-34.63	-0.92	-20.92	Pass
High Channel	-45.75	0.18	-19.82	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-44.31	-3.60	-23.60	Pass
High Channel	-44.26	-3.28	-23.28	Pass

802.11ax-20 MHz(SU) Mode:

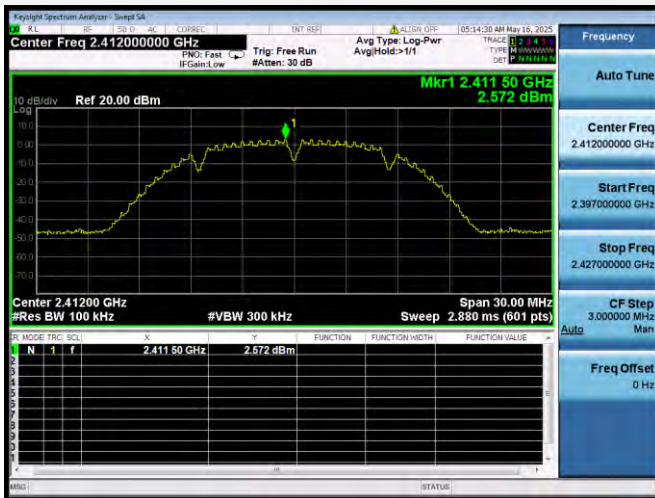
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-35.44	1.08	-18.92	Pass
High Channel	-45.86	-0.08	-20.08	Pass

802.11ax-40 MHz(SU) Mode:

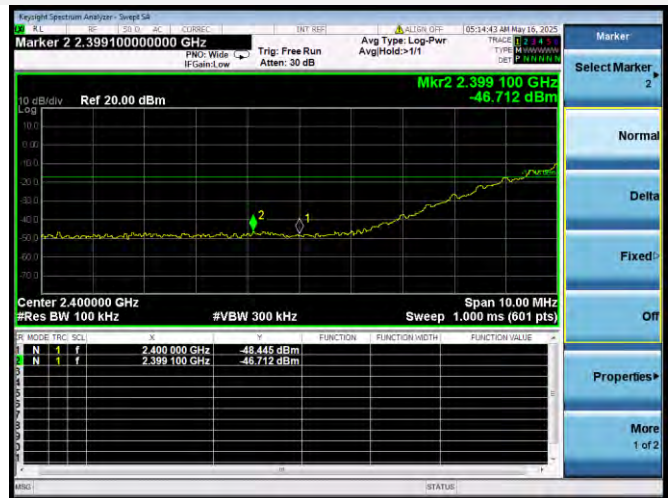
Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-44.56	-3.39	-23.39	Pass
High Channel	-45.07	-2.96	-22.96	Pass

Test Plots

802.11b LOW CHANNEL, CARRIER LEVEL



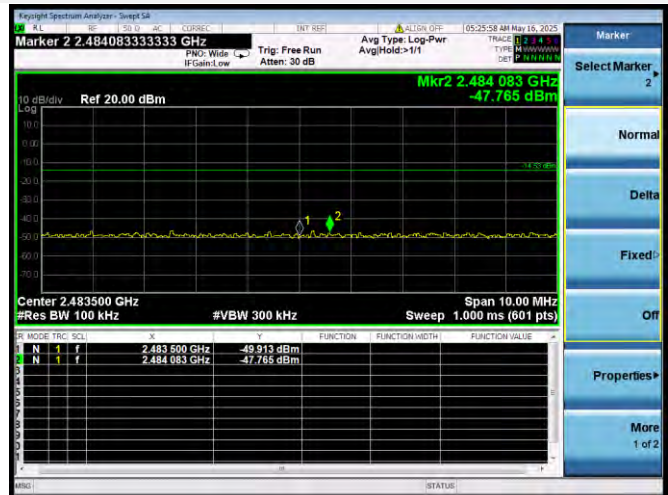
802.11b LOW CHANNEL, BAND EDGE



802.11b HIGH CHANNEL, CARRIER LEVEL



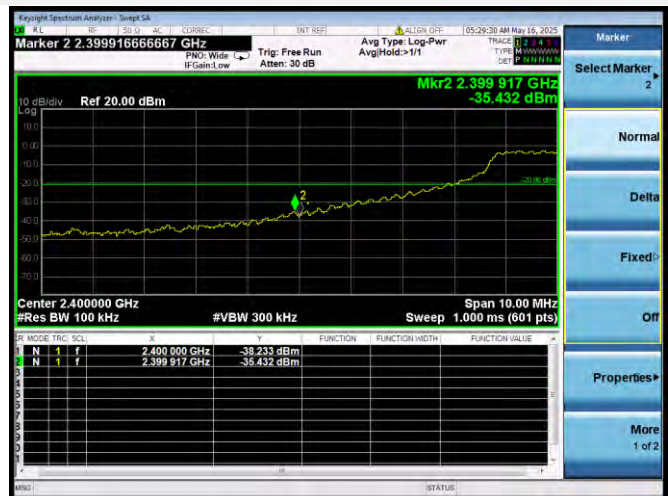
802.11b HIGH CHANNEL, BAND EDGE



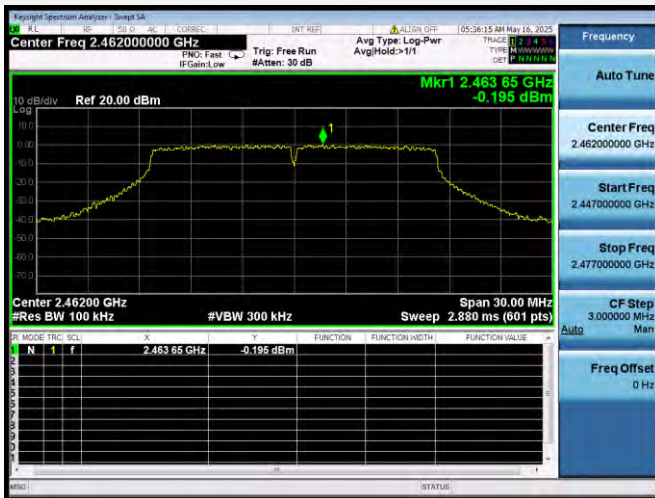
802.11g LOW CHANNEL, CARRIER LEVEL



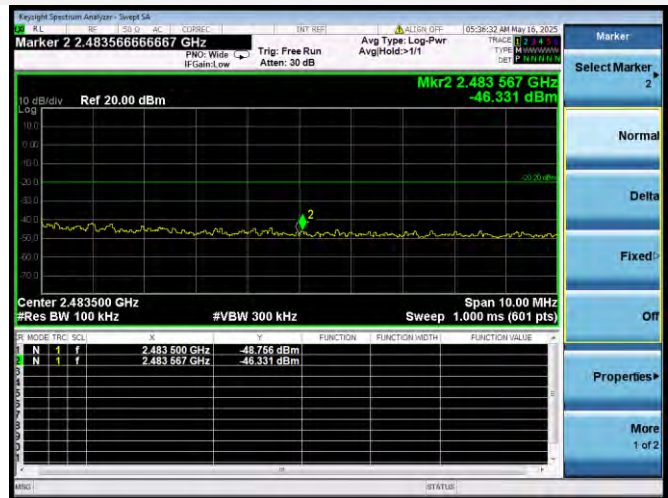
802.11g LOW CHANNEL, BAND EDGE



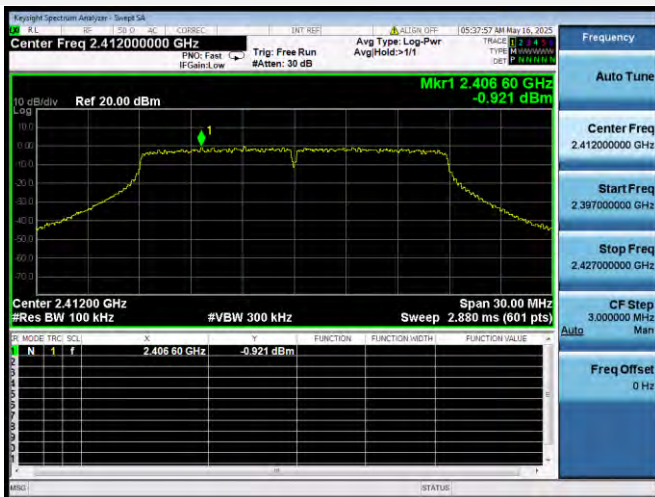
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



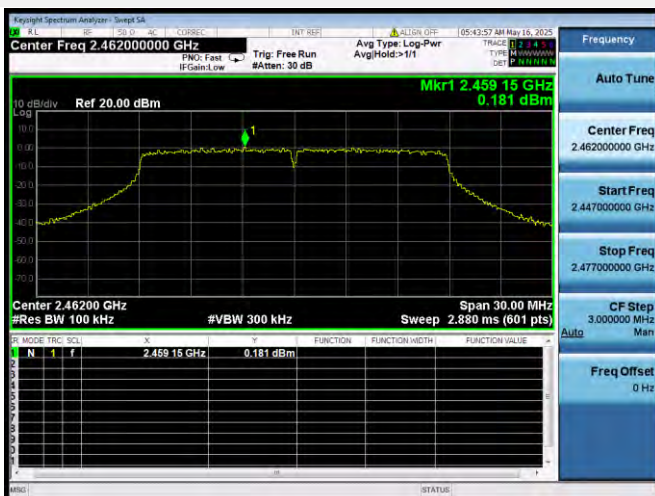
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



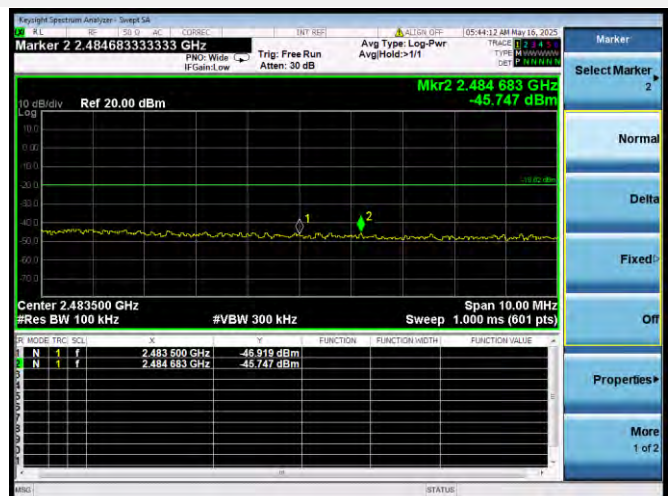
802.11n-20 MHz LOW CHANNEL, BAND EDGE



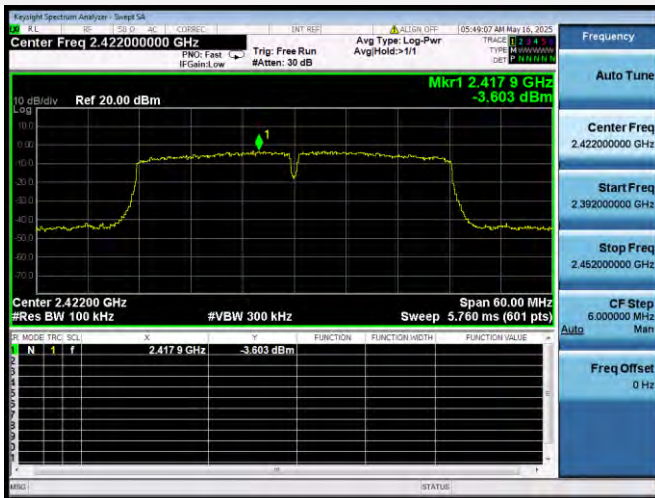
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



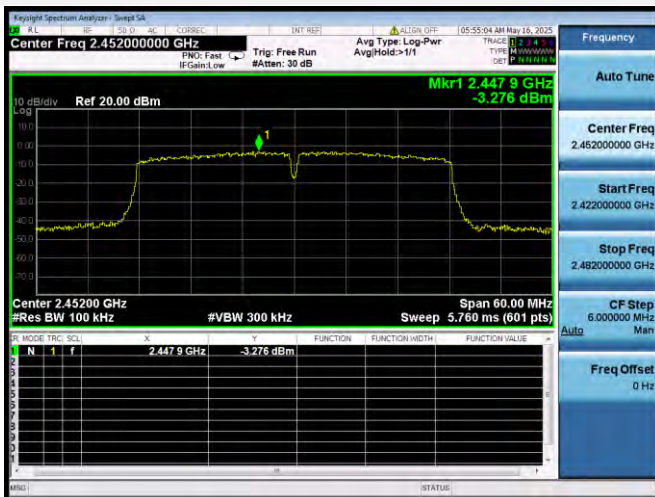
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



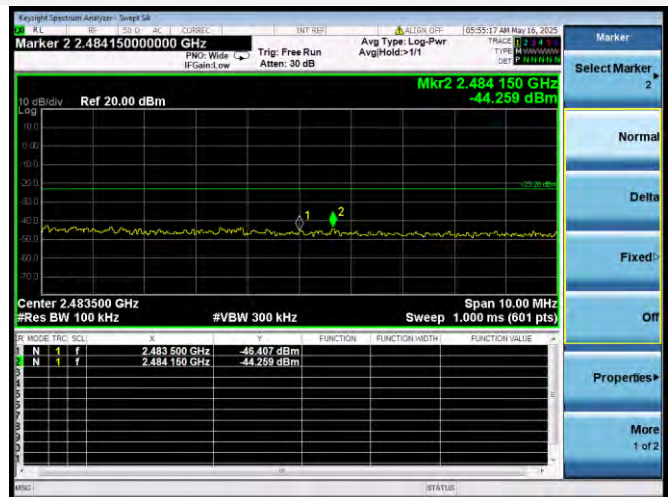
802.11n-40 MHz LOW CHANNEL, BAND EDGE



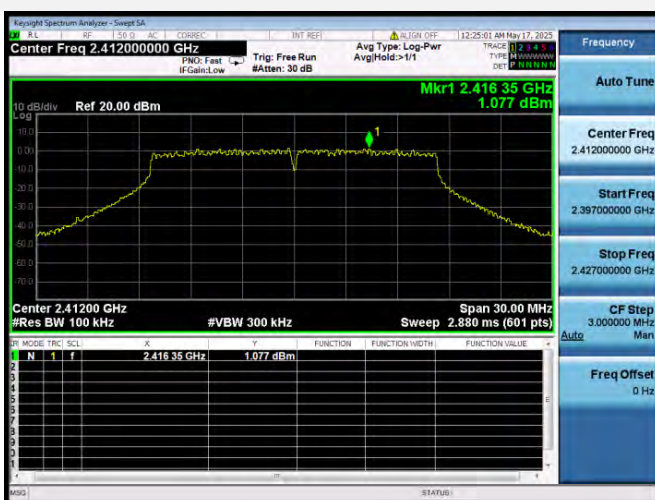
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



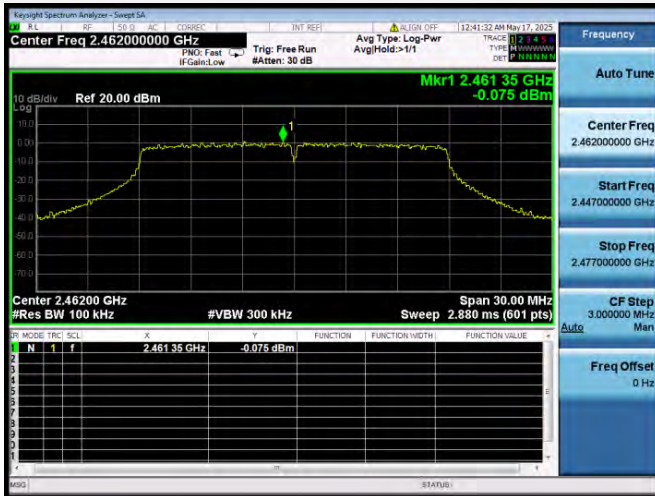
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



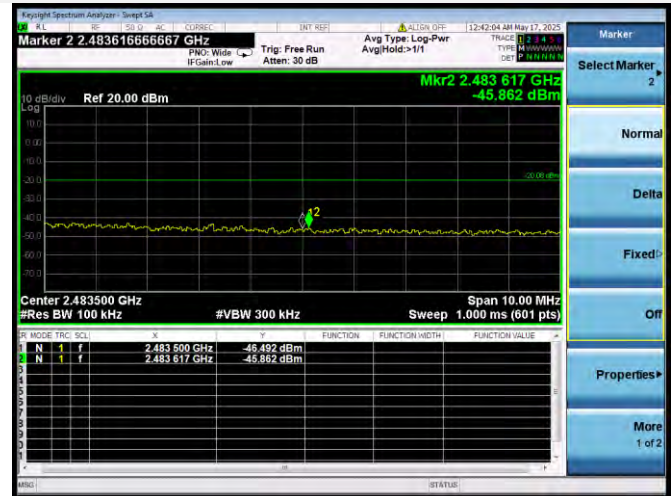
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



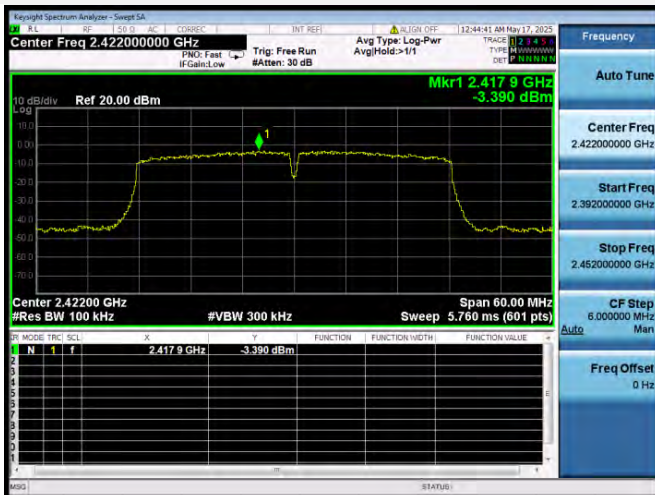
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



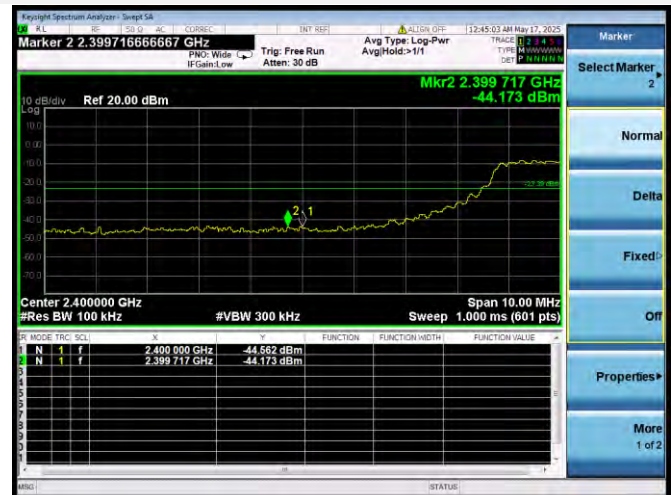
802.11ax-20 MHz(SU) HIGH CHANNEL, BAND EDGE



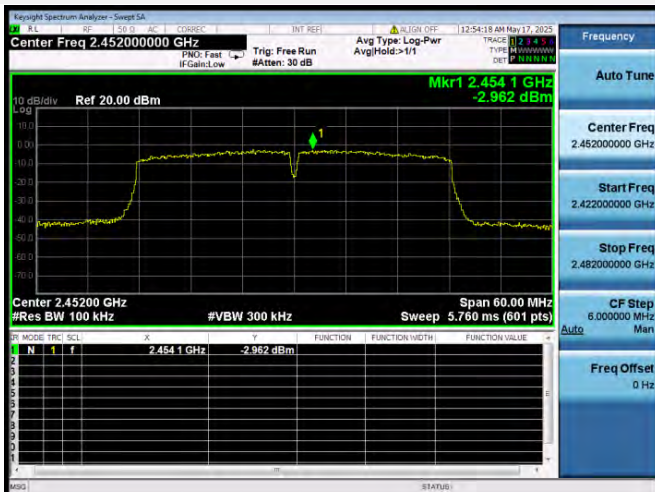
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



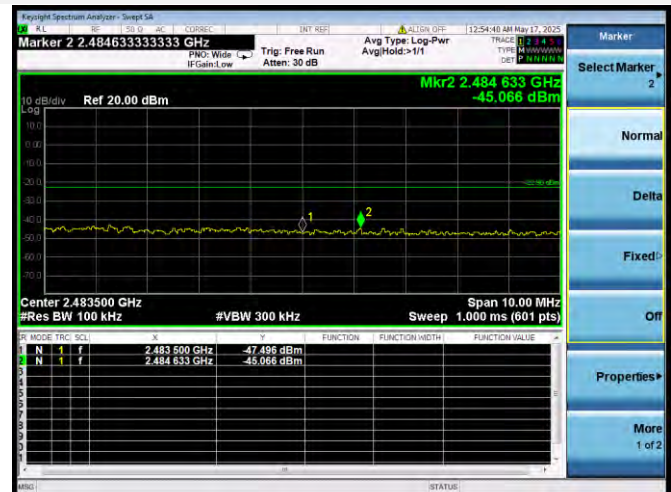
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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.

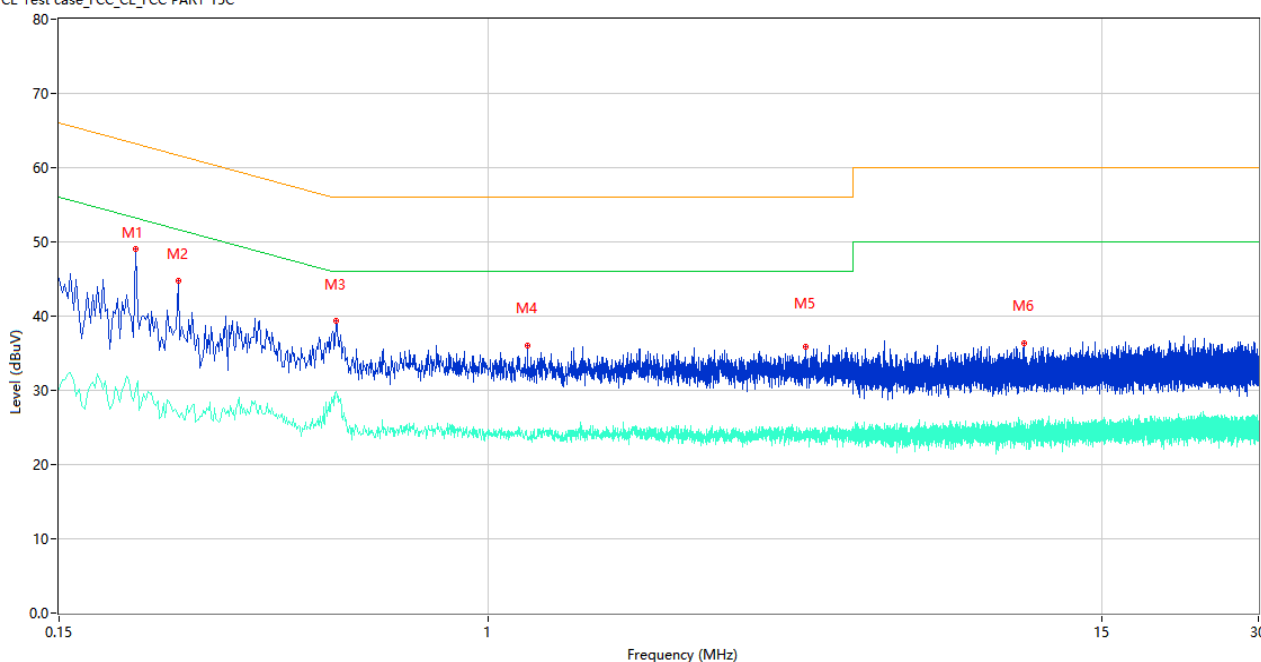
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

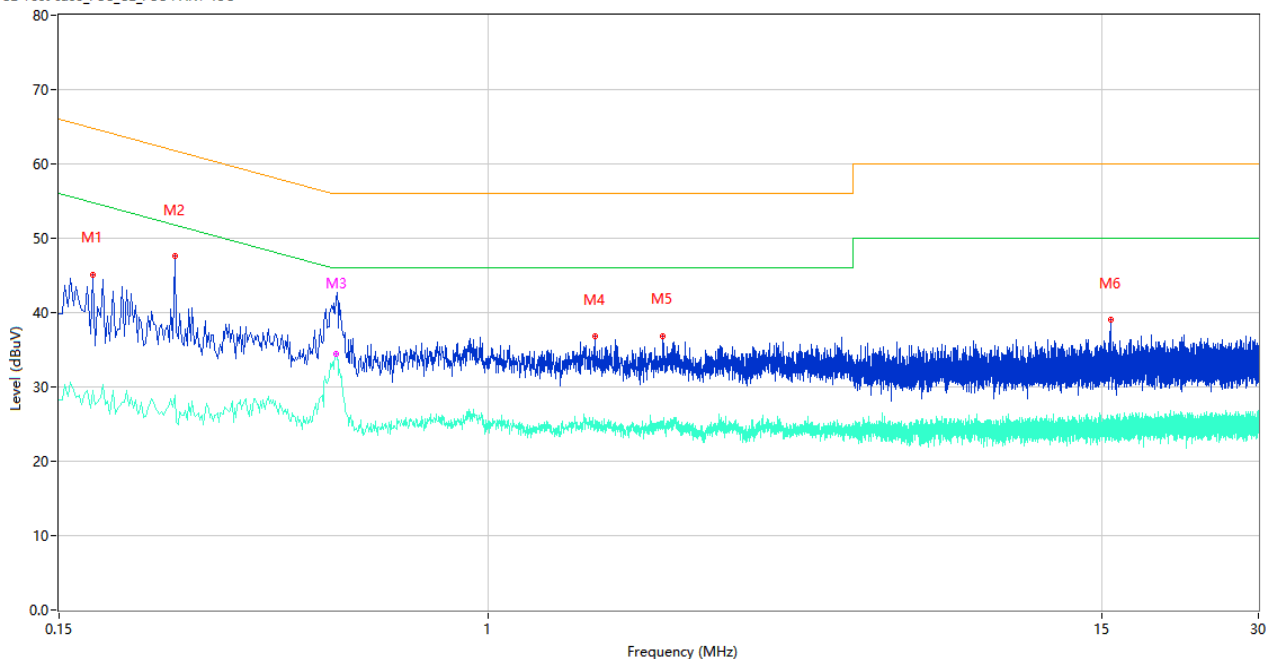
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.210	49.02	9.83	63.21	14.19	Peak	L	Pass
1**	0.210	30.23	9.83	53.21	22.98	AV	L	Pass
2	0.254	44.77	9.82	61.63	16.86	Peak	L	Pass
2**	0.254	26.50	9.82	51.63	25.13	AV	L	Pass
3	0.510	39.31	10.00	56.00	16.69	Peak	L	Pass
3**	0.510	29.79	10.00	46.00	16.21	AV	L	Pass
4	1.188	36.09	10.01	56.00	19.91	Peak	L	Pass
4**	1.188	23.34	10.01	46.00	22.66	AV	L	Pass
5	4.052	35.86	10.36	56.00	20.14	Peak	L	Pass
5**	4.052	24.04	10.36	46.00	21.96	AV	L	Pass
6	10.650	36.41	10.39	60.00	23.59	Peak	L	Pass
6**	10.650	25.02	10.39	50.00	24.98	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	45.14	9.83	64.77	19.63	Peak	N	Pass
1**	0.174	29.51	9.83	54.77	25.26	AV	N	Pass
2	0.250	47.63	9.82	61.76	14.13	Peak	N	Pass
2**	0.250	28.97	9.82	51.76	22.79	AV	N	Pass
3	0.510	41.81	10.00	56.00	14.19	Peak	N	Pass
3**	0.510	34.52	10.00	46.00	11.48	AV	N	Pass
4	1.600	36.80	9.88	56.00	19.20	Peak	N	Pass
4**	1.600	25.42	9.88	46.00	20.58	AV	N	Pass
5	2.162	36.87	10.15	56.00	19.13	Peak	N	Pass
5**	2.162	25.05	10.15	46.00	20.95	AV	N	Pass
6	15.618	39.02	10.84	60.00	20.98	Peak	N	Pass
6**	15.618	26.19	10.84	50.00	23.81	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.

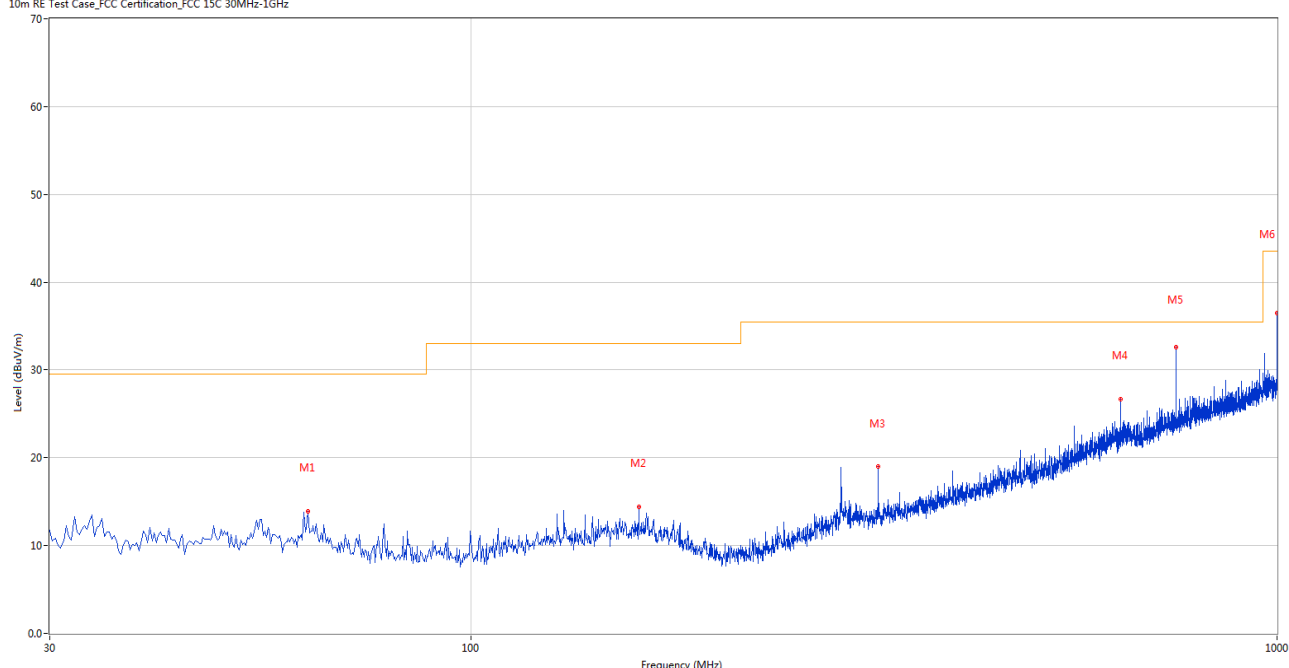
Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

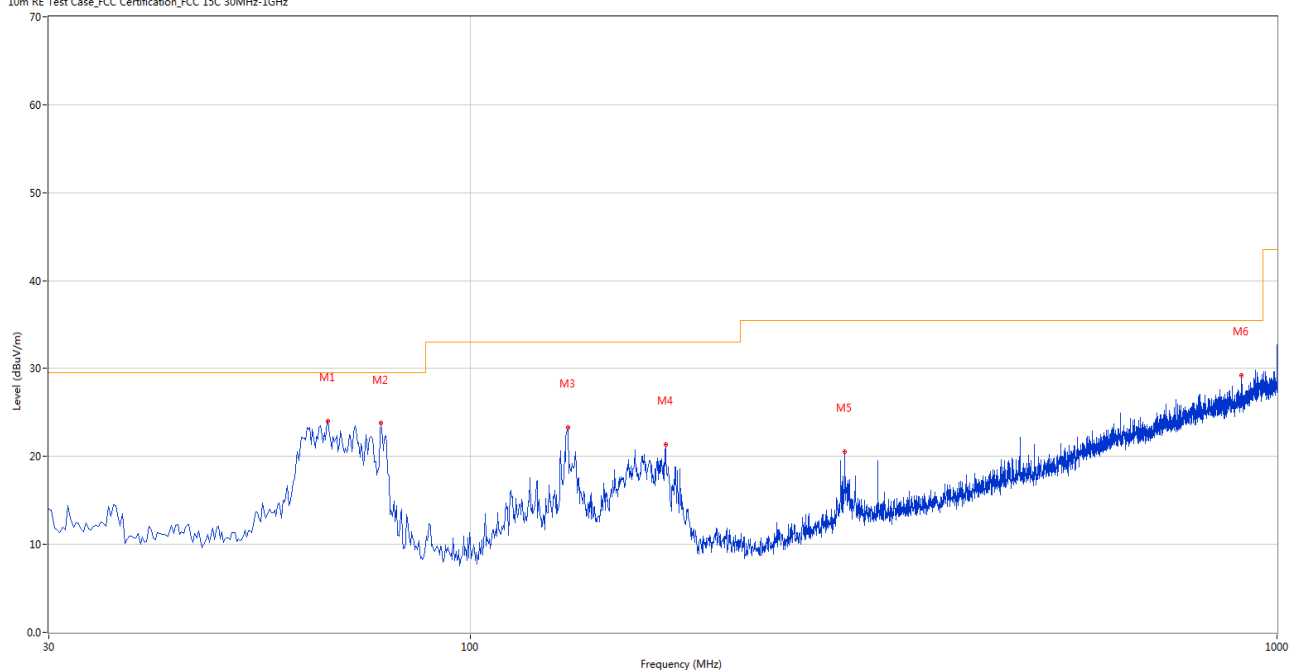
10m RE Test Case_FCC Certification_FCC 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	62.729	13.95	-27.72	29.5	15.55	Peak	360.00	200	Horizontal	Pass
2	161.402	14.42	-26.31	33.0	18.58	Peak	360.00	200	Horizontal	Pass
3	319.958	18.96	-25.22	35.5	16.54	Peak	112.00	200	Horizontal	Pass
4	639.978	26.66	-16.24	35.5	8.84	Peak	335.00	100	Horizontal	Pass
5	749.803	32.48	-13.59	35.5	3.02	Peak	360.00	100	Horizontal	Pass
6	1000.000	36.51	-9.11	43.5	6.99	Peak	249.00	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	66.608	23.99	-28.70	29.5	5.51	Peak	188.00	100	Vertical	Pass
2	77.518	23.76	-29.87	29.5	5.74	Peak	145.00	200	Vertical	Pass
3	132.067	23.27	-27.19	33.0	9.73	Peak	302.00	200	Vertical	Pass
4	174.494	21.34	-27.33	33.0	11.66	Peak	199.00	100	Vertical	Pass
5	291.350	20.59	-25.64	35.5	14.91	Peak	167.00	100	Vertical	Pass
6	903.024	29.24	-10.61	35.5	6.26	Peak	150.00	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 the configurations were pre tested, only the worst configuration has been reported in this report.

Note ⁴: All antenna were pre tested, but only the worst case has been reported in this report.

SISO-Antenna 1

Test Data

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.119	42.55	74.0	31.45	Peak	261.00	400	Horizontal	Pass
1**	1327.119	38.43	54.0	15.57	AV	261.00	400	Horizontal	Pass
2	2993.994	50.00	74.0	24.00	Peak	201.00	200	Horizontal	Pass
2**	2993.994	41.16	54.0	12.84	AV	201.00	200	Horizontal	Pass
3	4936.393	52.88	74.0	21.12	Peak	172.00	200	Horizontal	Pass
3**	4936.393	44.44	54.0	9.56	AV	172.00	200	Horizontal	Pass
4	6808.769	54.21	74.0	19.79	Peak	277.00	400	Horizontal	Pass
4**	6808.769	43.38	54.0	10.62	AV	277.00	400	Horizontal	Pass
5	13408.043	55.99	74.0	18.01	Peak	160.00	200	Horizontal	Pass
5**	13408.043	45.75	54.0	8.25	AV	160.00	200	Horizontal	Pass
6	17429.074	55.58	74.0	18.42	Peak	344.00	200	Horizontal	Pass
6**	17429.074	45.99	54.0	8.01	AV	344.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.658	45.01	74.0	28.99	Peak	142.00	300	Vertical	Pass
1**	1336.658	38.61	54.0	15.39	AV	142.00	300	Vertical	Pass
2	2980.028	53.07	74.0	20.93	Peak	61.00	100	Vertical	Pass
2**	2980.028	42.84	54.0	11.16	AV	61.00	100	Vertical	Pass
3	4855.025	49.95	74.0	24.05	Peak	78.00	200	Vertical	Pass
3**	4855.025	41.30	54.0	12.70	AV	78.00	200	Vertical	Pass
4	6611.059	51.97	74.0	22.03	Peak	111.00	200	Vertical	Pass
4**	6611.059	47.39	54.0	6.61	AV	111.00	200	Vertical	Pass
5	13434.460	56.96	74.0	17.04	Peak	163.00	300	Vertical	Pass
5**	13434.460	43.53	54.0	10.47	AV	163.00	300	Vertical	Pass
6	17415.635	56.52	74.0	17.48	Peak	164.00	100	Vertical	Pass
6**	17415.635	45.65	54.0	8.35	AV	164.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.217	46.15	74.0	27.85	Peak	167.00	200	Horizontal	Pass
1**	1330.217	37.61	54.0	16.39	AV	167.00	200	Horizontal	Pass
2	2998.694	48.74	74.0	25.26	Peak	328.00	200	Horizontal	Pass
2**	2998.694	43.58	54.0	10.42	AV	328.00	200	Horizontal	Pass
3	4933.023	51.97	74.0	22.03	Peak	360.00	200	Horizontal	Pass
3**	4933.023	42.20	54.0	11.80	AV	360.00	200	Horizontal	Pass
4	6809.283	53.12	74.0	20.88	Peak	198.00	400	Horizontal	Pass
4**	6809.283	43.64	54.0	10.36	AV	198.00	400	Horizontal	Pass
5	13409.784	56.38	74.0	17.62	Peak	77.00	400	Horizontal	Pass
5**	13409.784	49.19	54.0	4.81	AV	77.00	400	Horizontal	Pass
6	17429.870	58.19	74.0	15.81	Peak	310.00	100	Horizontal	Pass
6**	17429.870	49.17	54.0	4.83	AV	310.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.283	47.46	74.0	26.54	Peak	351.00	400	Vertical	Pass
1**	1332.283	38.59	54.0	15.41	AV	351.00	400	Vertical	Pass
2	2980.550	53.29	74.0	20.71	Peak	277.00	100	Vertical	Pass
2**	2980.550	42.91	54.0	11.09	AV	277.00	100	Vertical	Pass
3	4852.029	47.42	74.0	26.58	Peak	156.00	200	Vertical	Pass
3**	4852.029	40.66	54.0	13.34	AV	156.00	200	Vertical	Pass
4	6606.191	56.96	74.0	17.04	Peak	86.00	300	Vertical	Pass
4**	6606.191	46.74	54.0	7.26	AV	86.00	300	Vertical	Pass
5	13434.182	55.37	74.0	18.63	Peak	65.00	400	Vertical	Pass
5**	13434.182	48.40	54.0	5.60	AV	65.00	400	Vertical	Pass
6	17413.461	57.90	74.0	16.10	Peak	35.00	300	Vertical	Pass
6**	17413.461	44.37	54.0	9.63	AV	35.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.232	46.61	74.0	27.39	Peak	280.00	100	Horizontal	Pass
1**	1326.232	36.24	54.0	17.76	AV	280.00	100	Horizontal	Pass
2	2994.766	49.67	74.0	24.33	Peak	279.00	200	Horizontal	Pass
2**	2994.766	41.10	54.0	12.90	AV	279.00	200	Horizontal	Pass
3	4933.814	53.73	74.0	20.27	Peak	350.00	200	Horizontal	Pass
3**	4933.814	44.34	54.0	9.66	AV	350.00	200	Horizontal	Pass
4	6806.066	56.28	74.0	17.72	Peak	88.00	300	Horizontal	Pass
4**	6806.066	43.79	54.0	10.21	AV	88.00	300	Horizontal	Pass
5	13411.036	53.24	74.0	20.76	Peak	62.00	300	Horizontal	Pass
5**	13411.036	48.99	54.0	5.01	AV	62.00	300	Horizontal	Pass
6	17429.073	58.02	74.0	15.98	Peak	166.00	200	Horizontal	Pass
6**	17429.073	50.11	54.0	3.89	AV	166.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.264	43.22	74.0	30.78	Peak	107.00	200	Vertical	Pass
1**	1329.264	35.53	54.0	18.47	AV	107.00	200	Vertical	Pass
2	2985.500	48.61	74.0	25.39	Peak	79.00	100	Vertical	Pass
2**	2985.500	41.68	54.0	12.32	AV	79.00	100	Vertical	Pass
3	4850.518	50.81	74.0	23.19	Peak	304.00	200	Vertical	Pass
3**	4850.518	42.74	54.0	11.26	AV	304.00	200	Vertical	Pass
4	6605.189	51.52	74.0	22.48	Peak	194.00	400	Vertical	Pass
4**	6605.189	47.84	54.0	6.16	AV	194.00	400	Vertical	Pass
5	13435.058	57.13	74.0	16.87	Peak	228.00	100	Vertical	Pass
5**	13435.058	49.20	54.0	4.80	AV	228.00	100	Vertical	Pass
6	17414.537	56.84	74.0	17.16	Peak	216.00	200	Vertical	Pass
6**	17414.537	46.60	54.0	7.40	AV	216.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.158	47.07	74.0	26.93	Peak	253.00	100	Horizontal	Pass
1**	1330.158	38.28	54.0	15.72	AV	253.00	100	Horizontal	Pass
2	2996.612	50.77	74.0	23.23	Peak	266.00	400	Horizontal	Pass
2**	2996.612	38.52	54.0	15.48	AV	266.00	400	Horizontal	Pass
3	4931.787	54.06	74.0	19.94	Peak	162.00	200	Horizontal	Pass
3**	4931.787	41.07	54.0	12.93	AV	162.00	200	Horizontal	Pass
4	6807.270	53.41	74.0	20.59	Peak	210.00	100	Horizontal	Pass
4**	6807.270	43.94	54.0	10.06	AV	210.00	100	Horizontal	Pass
5	13411.833	56.30	74.0	17.70	Peak	16.00	300	Horizontal	Pass
5**	13411.833	46.58	54.0	7.42	AV	16.00	300	Horizontal	Pass
6	17423.676	54.46	74.0	19.54	Peak	172.00	200	Horizontal	Pass
6**	17423.676	49.27	54.0	4.73	AV	172.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.029	47.35	74.0	26.65	Peak	331.00	300	Vertical	Pass
1**	1329.029	35.98	54.0	18.02	AV	331.00	300	Vertical	Pass
2	2980.954	50.50	74.0	23.50	Peak	7.00	400	Vertical	Pass
2**	2980.954	40.30	54.0	13.70	AV	7.00	400	Vertical	Pass
3	4852.957	47.65	74.0	26.35	Peak	5.00	200	Vertical	Pass
3**	4852.957	42.80	54.0	11.20	AV	5.00	200	Vertical	Pass
4	6607.799	56.70	74.0	17.30	Peak	34.00	200	Vertical	Pass
4**	6607.799	45.47	54.0	8.53	AV	34.00	200	Vertical	Pass
5	13432.204	54.35	74.0	19.65	Peak	224.00	400	Vertical	Pass
5**	13432.204	47.06	54.0	6.94	AV	224.00	400	Vertical	Pass
6	17416.684	54.68	74.0	19.32	Peak	13.00	300	Vertical	Pass
6**	17416.684	46.50	54.0	7.50	AV	13.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.848	43.38	74.0	30.62	Peak	135.00	100	Horizontal	Pass
1**	1332.848	37.51	54.0	16.49	AV	135.00	100	Horizontal	Pass
2	2996.848	52.34	74.0	21.66	Peak	39.00	400	Horizontal	Pass
2**	2996.848	42.87	54.0	11.13	AV	39.00	400	Horizontal	Pass
3	4932.079	53.98	74.0	20.02	Peak	131.00	200	Horizontal	Pass
3**	4932.079	41.86	54.0	12.14	AV	131.00	200	Horizontal	Pass
4	6805.564	55.36	74.0	18.64	Peak	134.00	200	Horizontal	Pass
4**	6805.564	42.74	54.0	11.26	AV	134.00	200	Horizontal	Pass
5	13411.378	52.71	74.0	21.29	Peak	341.00	200	Horizontal	Pass
5**	13411.378	45.71	54.0	8.29	AV	341.00	200	Horizontal	Pass
6	17425.416	56.50	74.0	17.50	Peak	227.00	400	Horizontal	Pass
6**	17425.416	46.79	54.0	7.21	AV	227.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.992	46.75	74.0	27.25	Peak	34.00	300	Vertical	Pass
1**	1330.992	36.50	54.0	17.50	AV	34.00	300	Vertical	Pass
2	2981.556	48.22	74.0	25.78	Peak	282.00	100	Vertical	Pass
2**	2981.556	40.27	54.0	13.73	AV	282.00	100	Vertical	Pass
3	4854.530	50.73	74.0	23.27	Peak	279.00	200	Vertical	Pass
3**	4854.530	42.41	54.0	11.59	AV	279.00	200	Vertical	Pass
4	6607.229	56.89	74.0	17.11	Peak	180.00	300	Vertical	Pass
4**	6607.229	45.21	54.0	8.79	AV	180.00	300	Vertical	Pass
5	13434.471	55.87	74.0	18.13	Peak	23.00	200	Vertical	Pass
5**	13434.471	44.89	54.0	9.11	AV	23.00	200	Vertical	Pass
6	17418.693	57.77	74.0	16.23	Peak	179.00	200	Vertical	Pass
6**	17418.693	47.78	54.0	6.22	AV	179.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.622	42.11	74.0	31.89	Peak	135.00	300	Horizontal	Pass
1**	1332.622	37.17	54.0	16.83	AV	135.00	300	Horizontal	Pass
2	2999.560	48.77	74.0	25.23	Peak	310.00	400	Horizontal	Pass
2**	2999.560	43.02	54.0	10.98	AV	310.00	400	Horizontal	Pass
3	4935.329	50.14	74.0	23.86	Peak	106.00	200	Horizontal	Pass
3**	4935.329	43.71	54.0	10.29	AV	106.00	200	Horizontal	Pass
4	6809.596	52.84	74.0	21.16	Peak	132.00	300	Horizontal	Pass
4**	6809.596	46.60	54.0	7.40	AV	132.00	300	Horizontal	Pass
5	13409.520	54.65	74.0	19.35	Peak	311.00	100	Horizontal	Pass
5**	13409.520	47.86	54.0	6.14	AV	311.00	100	Horizontal	Pass
6	17425.139	56.28	74.0	17.72	Peak	332.00	300	Horizontal	Pass
6**	17425.139	46.57	54.0	7.43	AV	332.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.910	47.11	74.0	26.89	Peak	225.00	300	Vertical	Pass
1**	1329.910	39.53	54.0	14.47	AV	225.00	300	Vertical	Pass
2	2980.693	50.81	74.0	23.19	Peak	199.00	300	Vertical	Pass
2**	2980.693	44.12	54.0	9.88	AV	199.00	300	Vertical	Pass
3	4857.153	52.44	74.0	21.56	Peak	12.00	200	Vertical	Pass
3**	4857.153	39.30	54.0	14.70	AV	12.00	200	Vertical	Pass
4	6609.340	55.46	74.0	18.54	Peak	276.00	100	Vertical	Pass
4**	6609.340	46.51	54.0	7.49	AV	276.00	100	Vertical	Pass
5	13433.920	57.51	74.0	16.49	Peak	62.00	100	Vertical	Pass
5**	13433.920	45.40	54.0	8.60	AV	62.00	100	Vertical	Pass
6	17420.704	54.37	74.0	19.63	Peak	155.00	300	Vertical	Pass
6**	17420.704	44.48	54.0	9.52	AV	155.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.457	42.92	74.0	31.08	Peak	182.00	400	Horizontal	Pass
1**	1327.457	35.73	54.0	18.27	AV	182.00	400	Horizontal	Pass
2	2996.079	51.01	74.0	22.99	Peak	80.00	400	Horizontal	Pass
2**	2996.079	40.50	54.0	13.50	AV	80.00	400	Horizontal	Pass
3	4930.443	52.78	74.0	21.22	Peak	36.00	200	Horizontal	Pass
3**	4930.443	39.48	54.0	14.52	AV	36.00	200	Horizontal	Pass
4	6803.841	55.99	74.0	18.01	Peak	321.00	100	Horizontal	Pass
4**	6803.841	42.27	54.0	11.73	AV	321.00	100	Horizontal	Pass
5	13408.493	53.37	74.0	20.63	Peak	115.00	400	Horizontal	Pass
5**	13408.493	46.99	54.0	7.01	AV	115.00	400	Horizontal	Pass
6	17428.557	57.89	74.0	16.11	Peak	341.00	400	Horizontal	Pass
6**	17428.557	50.07	54.0	3.93	AV	341.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.809	46.11	74.0	27.89	Peak	49.00	200	Vertical	Pass
1**	1330.809	40.59	54.0	13.41	AV	49.00	200	Vertical	Pass
2	2984.697	53.30	74.0	20.70	Peak	132.00	100	Vertical	Pass
2**	2984.697	42.28	54.0	11.72	AV	132.00	100	Vertical	Pass
3	4854.092	49.79	74.0	24.21	Peak	226.00	200	Vertical	Pass
3**	4854.092	39.31	54.0	14.69	AV	226.00	200	Vertical	Pass
4	6609.235	52.16	74.0	21.84	Peak	133.00	100	Vertical	Pass
4**	6609.235	46.83	54.0	7.17	AV	133.00	100	Vertical	Pass
5	13437.614	52.92	74.0	21.08	Peak	79.00	400	Vertical	Pass
5**	13437.614	46.55	54.0	7.45	AV	79.00	400	Vertical	Pass
6	17419.296	58.12	74.0	15.88	Peak	347.00	300	Vertical	Pass
6**	17419.296	45.05	54.0	8.95	AV	347.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.423	46.62	74.0	27.38	Peak	129.00	100	Horizontal	Pass
1**	1329.423	39.32	54.0	14.68	AV	129.00	100	Horizontal	Pass
2	2999.511	51.04	74.0	22.96	Peak	50.00	200	Horizontal	Pass
2**	2999.511	41.97	54.0	12.03	AV	50.00	200	Horizontal	Pass
3	4936.826	50.62	74.0	23.38	Peak	323.00	200	Horizontal	Pass
3**	4936.826	42.78	54.0	11.22	AV	323.00	200	Horizontal	Pass
4	6805.637	51.62	74.0	22.38	Peak	79.00	300	Horizontal	Pass
4**	6805.637	42.62	54.0	11.38	AV	79.00	300	Horizontal	Pass
5	13408.590	54.10	74.0	19.90	Peak	191.00	100	Horizontal	Pass
5**	13408.590	45.96	54.0	8.04	AV	191.00	100	Horizontal	Pass
6	17423.808	54.70	74.0	19.30	Peak	85.00	200	Horizontal	Pass
6**	17423.808	46.88	54.0	7.12	AV	85.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.460	45.64	74.0	28.36	Peak	233.00	200	Vertical	Pass
1**	1335.460	39.45	54.0	14.55	AV	233.00	200	Vertical	Pass
2	2980.516	51.89	74.0	22.11	Peak	32.00	300	Vertical	Pass
2**	2980.516	41.58	54.0	12.42	AV	32.00	300	Vertical	Pass
3	4856.470	51.18	74.0	22.82	Peak	342.00	200	Vertical	Pass
3**	4856.470	42.89	54.0	11.11	AV	342.00	200	Vertical	Pass
4	6605.068	55.04	74.0	18.96	Peak	162.00	100	Vertical	Pass
4**	6605.068	43.14	54.0	10.86	AV	162.00	100	Vertical	Pass
5	13433.461	53.28	74.0	20.72	Peak	261.00	400	Vertical	Pass
5**	13433.461	47.31	54.0	6.69	AV	261.00	400	Vertical	Pass
6	17419.327	58.74	74.0	15.26	Peak	250.00	200	Vertical	Pass
6**	17419.327	50.29	54.0	3.71	AV	250.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.076	43.41	74.0	30.59	Peak	222.00	300	Horizontal	Pass
1**	1326.076	35.53	54.0	18.47	AV	222.00	300	Horizontal	Pass
2	2993.055	48.92	74.0	25.08	Peak	231.00	300	Horizontal	Pass
2**	2993.055	42.60	54.0	11.40	AV	231.00	300	Horizontal	Pass
3	4933.398	52.00	74.0	22.00	Peak	280.00	200	Horizontal	Pass
3**	4933.398	40.03	54.0	13.97	AV	280.00	200	Horizontal	Pass
4	6805.228	54.09	74.0	19.91	Peak	163.00	400	Horizontal	Pass
4**	6805.228	43.47	54.0	10.53	AV	163.00	400	Horizontal	Pass
5	13412.248	52.86	74.0	21.14	Peak	143.00	300	Horizontal	Pass
5**	13412.248	43.70	54.0	10.30	AV	143.00	300	Horizontal	Pass
6	17425.379	56.09	74.0	17.91	Peak	338.00	300	Horizontal	Pass
6**	17425.379	49.55	54.0	4.45	AV	338.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.927	42.99	74.0	31.01	Peak	275.00	400	Vertical	Pass
1**	1334.927	37.84	54.0	16.16	AV	275.00	400	Vertical	Pass
2	2982.565	52.30	74.0	21.70	Peak	92.00	300	Vertical	Pass
2**	2982.565	41.54	54.0	12.46	AV	92.00	300	Vertical	Pass
3	4852.370	50.68	74.0	23.32	Peak	274.00	200	Vertical	Pass
3**	4852.370	39.61	54.0	14.39	AV	274.00	200	Vertical	Pass
4	6603.819	51.57	74.0	22.43	Peak	154.00	200	Vertical	Pass
4**	6603.819	46.83	54.0	7.17	AV	154.00	200	Vertical	Pass
5	13432.647	54.65	74.0	19.35	Peak	198.00	400	Vertical	Pass
5**	13432.647	46.83	54.0	7.17	AV	198.00	400	Vertical	Pass
6	17420.454	58.45	74.0	15.55	Peak	222.00	300	Vertical	Pass
6**	17420.454	48.66	54.0	5.34	AV	222.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1326.426	45.97	74.0	28.03	Peak	337.00	300	Horizontal	Pass
1**	1326.426	37.75	54.0	16.25	AV	337.00	300	Horizontal	Pass
2	2997.176	52.22	74.0	21.78	Peak	262.00	100	Horizontal	Pass
2**	2997.176	40.60	54.0	13.40	AV	262.00	100	Horizontal	Pass
3	4936.798	52.11	74.0	21.89	Peak	196.00	200	Horizontal	Pass
3**	4936.798	41.46	54.0	12.54	AV	196.00	200	Horizontal	Pass
4	6810.969	57.21	74.0	16.79	Peak	358.00	100	Horizontal	Pass
4**	6810.969	42.40	54.0	11.60	AV	358.00	100	Horizontal	Pass
5	13409.862	54.83	74.0	19.17	Peak	350.00	100	Horizontal	Pass
5**	13409.862	44.25	54.0	9.75	AV	350.00	100	Horizontal	Pass
6	17425.366	57.96	74.0	16.04	Peak	237.00	300	Horizontal	Pass
6**	17425.366	45.97	54.0	8.03	AV	237.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.236	42.69	74.0	31.31	Peak	270.00	300	Vertical	Pass
1**	1331.236	38.82	54.0	15.18	AV	270.00	300	Vertical	Pass
2	2981.834	48.95	74.0	25.05	Peak	168.00	400	Vertical	Pass
2**	2981.834	43.15	54.0	10.85	AV	168.00	400	Vertical	Pass
3	4857.236	48.63	74.0	25.37	Peak	225.00	200	Vertical	Pass
3**	4857.236	40.82	54.0	13.18	AV	225.00	200	Vertical	Pass
4	6610.616	56.40	74.0	17.60	Peak	153.00	100	Vertical	Pass
4**	6610.616	46.10	54.0	7.90	AV	153.00	100	Vertical	Pass
5	13432.529	58.29	74.0	15.71	Peak	126.00	200	Vertical	Pass
5**	13432.529	43.73	54.0	10.27	AV	126.00	200	Vertical	Pass
6	17413.586	56.56	74.0	17.44	Peak	284.00	300	Vertical	Pass
6**	17413.586	44.66	54.0	9.34	AV	284.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.482	46.50	74.0	27.50	Peak	297.00	400	Horizontal	Pass
1**	1332.482	38.65	54.0	15.35	AV	297.00	400	Horizontal	Pass
2	2995.238	48.20	74.0	25.80	Peak	208.00	200	Horizontal	Pass
2**	2995.238	40.25	54.0	13.75	AV	208.00	200	Horizontal	Pass
3	4934.143	53.80	74.0	20.20	Peak	227.00	200	Horizontal	Pass
3**	4934.143	41.73	54.0	12.27	AV	227.00	200	Horizontal	Pass
4	6809.706	56.78	74.0	17.22	Peak	322.00	200	Horizontal	Pass
4**	6809.706	44.56	54.0	9.44	AV	322.00	200	Horizontal	Pass
5	13413.068	58.13	74.0	15.87	Peak	200.00	400	Horizontal	Pass
5**	13413.068	43.83	54.0	10.17	AV	200.00	400	Horizontal	Pass
6	17425.252	54.40	74.0	19.60	Peak	252.00	400	Horizontal	Pass
6**	17425.252	45.57	54.0	8.43	AV	252.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.786	42.69	74.0	31.31	Peak	11.00	400	Vertical	Pass
1**	1334.786	36.95	54.0	17.05	AV	11.00	400	Vertical	Pass
2	2985.970	52.79	74.0	21.21	Peak	9.00	400	Vertical	Pass
2**	2985.970	41.46	54.0	12.54	AV	9.00	400	Vertical	Pass
3	4857.773	48.44	74.0	25.56	Peak	184.00	200	Vertical	Pass
3**	4857.773	39.79	54.0	14.21	AV	184.00	200	Vertical	Pass
4	6605.738	51.63	74.0	22.37	Peak	11.00	400	Vertical	Pass
4**	6605.738	42.31	54.0	11.69	AV	11.00	400	Vertical	Pass
5	13431.500	53.10	74.0	20.90	Peak	153.00	300	Vertical	Pass
5**	13431.500	45.30	54.0	8.70	AV	153.00	300	Vertical	Pass
6	17420.042	58.70	74.0	15.30	Peak	118.00	300	Vertical	Pass
6**	17420.042	49.42	54.0	4.58	AV	118.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.441	47.19	74.0	26.81	Peak	174.00	100	Horizontal	Pass
1**	1332.441	35.66	54.0	18.34	AV	174.00	100	Horizontal	Pass
2	2996.628	49.08	74.0	24.92	Peak	151.00	300	Horizontal	Pass
2**	2996.628	38.81	54.0	15.19	AV	151.00	300	Horizontal	Pass
3	4935.673	53.37	74.0	20.63	Peak	73.00	200	Horizontal	Pass
3**	4935.673	40.91	54.0	13.09	AV	73.00	200	Horizontal	Pass
4	6808.571	53.59	74.0	20.41	Peak	321.00	100	Horizontal	Pass
4**	6808.571	47.08	54.0	6.92	AV	321.00	100	Horizontal	Pass
5	13409.287	56.56	74.0	17.44	Peak	218.00	100	Horizontal	Pass
5**	13409.287	45.79	54.0	8.21	AV	218.00	100	Horizontal	Pass
6	17428.897	54.13	74.0	19.87	Peak	77.00	200	Horizontal	Pass
6**	17428.897	49.21	54.0	4.79	AV	77.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.762	43.01	74.0	30.99	Peak	16.00	300	Vertical	Pass
1**	1336.762	38.26	54.0	15.74	AV	16.00	300	Vertical	Pass
2	2983.079	51.39	74.0	22.61	Peak	30.00	400	Vertical	Pass
2**	2983.079	39.42	54.0	14.58	AV	30.00	400	Vertical	Pass
3	4853.958	51.21	74.0	22.79	Peak	212.00	200	Vertical	Pass
3**	4853.958	42.32	54.0	11.68	AV	212.00	200	Vertical	Pass
4	6610.303	53.70	74.0	20.30	Peak	128.00	200	Vertical	Pass
4**	6610.303	46.90	54.0	7.10	AV	128.00	200	Vertical	Pass
5	13438.253	52.83	74.0	21.17	Peak	9.00	200	Vertical	Pass
5**	13438.253	45.60	54.0	8.40	AV	9.00	200	Vertical	Pass
6	17418.736	59.50	74.0	14.50	Peak	120.00	100	Vertical	Pass
6**	17418.736	45.28	54.0	8.72	AV	120.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.027	43.77	74.0	30.23	Peak	84.00	400	Horizontal	Pass
1**	1330.027	39.15	54.0	14.85	AV	84.00	400	Horizontal	Pass
2	2999.073	47.55	74.0	26.45	Peak	151.00	100	Horizontal	Pass
2**	2999.073	39.80	54.0	14.20	AV	151.00	100	Horizontal	Pass
3	4936.248	49.31	74.0	24.69	Peak	206.00	200	Horizontal	Pass
3**	4936.248	43.86	54.0	10.14	AV	206.00	200	Horizontal	Pass
4	6804.335	56.39	74.0	17.61	Peak	194.00	100	Horizontal	Pass
4**	6804.335	42.20	54.0	11.80	AV	194.00	100	Horizontal	Pass
5	13409.752	53.01	74.0	20.99	Peak	39.00	400	Horizontal	Pass
5**	13409.752	47.70	54.0	6.30	AV	39.00	400	Horizontal	Pass
6	17427.533	53.24	74.0	20.76	Peak	41.00	100	Horizontal	Pass
6**	17427.533	47.45	54.0	6.55	AV	41.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.395	44.73	74.0	29.27	Peak	209.00	200	Vertical	Pass
1**	1332.395	36.75	54.0	17.25	AV	209.00	200	Vertical	Pass
2	2985.703	52.82	74.0	21.18	Peak	185.00	200	Vertical	Pass
2**	2985.703	43.11	54.0	10.89	AV	185.00	200	Vertical	Pass
3	4855.094	47.37	74.0	26.63	Peak	112.00	200	Vertical	Pass
3**	4855.094	40.88	54.0	13.12	AV	112.00	200	Vertical	Pass
4	6607.424	56.44	74.0	17.56	Peak	298.00	400	Vertical	Pass
4**	6607.424	44.17	54.0	9.83	AV	298.00	400	Vertical	Pass
5	13432.254	55.65	74.0	18.35	Peak	336.00	300	Vertical	Pass
5**	13432.254	46.11	54.0	7.89	AV	336.00	300	Vertical	Pass
6	17418.059	55.05	74.0	18.95	Peak	217.00	300	Vertical	Pass
6**	17418.059	49.71	54.0	4.29	AV	217.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.764	46.85	74.0	27.15	Peak	308.00	400	Horizontal	Pass
1**	1331.764	34.86	54.0	19.14	AV	308.00	400	Horizontal	Pass
2	2992.752	50.77	74.0	23.23	Peak	224.00	100	Horizontal	Pass
2**	2992.752	40.69	54.0	13.31	AV	224.00	100	Horizontal	Pass
3	4936.611	53.86	74.0	20.14	Peak	18.00	200	Horizontal	Pass
3**	4936.611	42.55	54.0	11.45	AV	18.00	200	Horizontal	Pass
4	6805.904	55.22	74.0	18.78	Peak	110.00	200	Horizontal	Pass
4**	6805.904	45.78	54.0	8.22	AV	110.00	200	Horizontal	Pass
5	13413.524	58.43	74.0	15.57	Peak	89.00	100	Horizontal	Pass
5**	13413.524	44.52	54.0	9.48	AV	89.00	100	Horizontal	Pass
6	17427.830	55.72	74.0	18.28	Peak	235.00	300	Horizontal	Pass
6**	17427.830	47.09	54.0	6.91	AV	235.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.511	46.89	74.0	27.11	Peak	2.00	400	Vertical	Pass
1**	1335.511	35.76	54.0	18.24	AV	2.00	400	Vertical	Pass
2	2985.618	52.97	74.0	21.03	Peak	176.00	200	Vertical	Pass
2**	2985.618	42.85	54.0	11.15	AV	176.00	200	Vertical	Pass
3	4851.159	47.09	74.0	26.91	Peak	282.00	200	Vertical	Pass
3**	4851.159	39.16	54.0	14.84	AV	282.00	200	Vertical	Pass
4	6607.772	52.48	74.0	21.52	Peak	89.00	200	Vertical	Pass
4**	6607.772	44.71	54.0	9.29	AV	89.00	200	Vertical	Pass
5	13437.302	52.78	74.0	21.22	Peak	278.00	400	Vertical	Pass
5**	13437.302	43.94	54.0	10.06	AV	278.00	400	Vertical	Pass
6	17413.618	55.39	74.0	18.61	Peak	157.00	100	Vertical	Pass
6**	17413.618	44.49	54.0	9.51	AV	157.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.879	43.35	74.0	30.65	Peak	88.00	400	Horizontal	Pass
1**	1328.879	35.12	54.0	18.88	AV	88.00	400	Horizontal	Pass
2	3000.492	48.38	74.0	25.62	Peak	127.00	100	Horizontal	Pass
2**	3000.492	39.06	54.0	14.94	AV	127.00	100	Horizontal	Pass
3	4935.041	49.63	74.0	24.37	Peak	314.00	200	Horizontal	Pass
3**	4935.041	39.38	54.0	14.62	AV	314.00	200	Horizontal	Pass
4	6803.757	56.57	74.0	17.43	Peak	40.00	300	Horizontal	Pass
4**	6803.757	46.30	54.0	7.70	AV	40.00	300	Horizontal	Pass
5	13408.817	55.24	74.0	18.76	Peak	183.00	300	Horizontal	Pass
5**	13408.817	46.71	54.0	7.29	AV	183.00	300	Horizontal	Pass
6	17428.655	57.61	74.0	16.39	Peak	211.00	400	Horizontal	Pass
6**	17428.655	49.67	54.0	4.33	AV	211.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.204	46.19	74.0	27.81	Peak	206.00	100	Vertical	Pass
1**	1331.204	35.11	54.0	18.89	AV	206.00	100	Vertical	Pass
2	2980.991	51.78	74.0	22.22	Peak	70.00	300	Vertical	Pass
2**	2980.991	41.36	54.0	12.64	AV	70.00	300	Vertical	Pass
3	4858.102	51.53	74.0	22.47	Peak	240.00	200	Vertical	Pass
3**	4858.102	42.74	54.0	11.26	AV	240.00	200	Vertical	Pass
4	6605.010	54.57	74.0	19.43	Peak	122.00	400	Vertical	Pass
4**	6605.010	47.44	54.0	6.56	AV	122.00	400	Vertical	Pass
5	13432.487	52.93	74.0	21.07	Peak	177.00	400	Vertical	Pass
5**	13432.487	48.20	54.0	5.80	AV	177.00	400	Vertical	Pass
6	17415.885	58.47	74.0	15.53	Peak	160.00	100	Vertical	Pass
6**	17415.885	46.74	54.0	7.26	AV	160.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.665	45.97	74.0	28.03	Peak	28.00	400	Horizontal	Pass
1**	1331.665	35.74	54.0	18.26	AV	28.00	400	Horizontal	Pass
2	2997.427	47.72	74.0	26.28	Peak	111.00	300	Horizontal	Pass
2**	2997.427	43.21	54.0	10.79	AV	111.00	300	Horizontal	Pass
3	4936.879	51.97	74.0	22.03	Peak	310.00	200	Horizontal	Pass
3**	4936.879	39.24	54.0	14.76	AV	310.00	200	Horizontal	Pass
4	6803.382	51.90	74.0	22.10	Peak	81.00	400	Horizontal	Pass
4**	6803.382	46.39	54.0	7.61	AV	81.00	400	Horizontal	Pass
5	13410.843	56.02	74.0	17.98	Peak	304.00	200	Horizontal	Pass
5**	13410.843	45.52	54.0	8.48	AV	304.00	200	Horizontal	Pass
6	17425.713	58.09	74.0	15.91	Peak	45.00	300	Horizontal	Pass
6**	17425.713	50.16	54.0	3.84	AV	45.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.374	42.62	74.0	31.38	Peak	115.00	400	Vertical	Pass
1**	1329.374	39.80	54.0	14.20	AV	115.00	400	Vertical	Pass
2	2984.438	47.62	74.0	26.38	Peak	102.00	200	Vertical	Pass
2**	2984.438	44.17	54.0	9.83	AV	102.00	200	Vertical	Pass
3	4853.871	47.23	74.0	26.77	Peak	82.00	200	Vertical	Pass
3**	4853.871	43.38	54.0	10.62	AV	82.00	200	Vertical	Pass
4	6608.268	56.62	74.0	17.38	Peak	260.00	100	Vertical	Pass
4**	6608.268	45.00	54.0	9.00	AV	260.00	100	Vertical	Pass
5	13433.968	52.52	74.0	21.48	Peak	70.00	100	Vertical	Pass
5**	13433.968	46.33	54.0	7.67	AV	70.00	100	Vertical	Pass
6	17414.416	56.67	74.0	17.33	Peak	98.00	200	Vertical	Pass
6**	17414.416	45.87	54.0	8.13	AV	98.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.147	42.41	74.0	31.59	Peak	291.00	200	Horizontal	Pass
1**	1327.147	37.22	54.0	16.78	AV	291.00	200	Horizontal	Pass
2	2997.353	47.81	74.0	26.19	Peak	170.00	200	Horizontal	Pass
2**	2997.353	39.17	54.0	14.83	AV	170.00	200	Horizontal	Pass
3	4932.902	53.39	74.0	20.61	Peak	142.00	200	Horizontal	Pass
3**	4932.902	38.67	54.0	15.33	AV	142.00	200	Horizontal	Pass
4	6803.058	54.08	74.0	19.92	Peak	70.00	300	Horizontal	Pass
4**	6803.058	44.23	54.0	9.77	AV	70.00	300	Horizontal	Pass
5	13411.166	58.47	74.0	15.53	Peak	2.00	100	Horizontal	Pass
5**	13411.166	45.98	54.0	8.02	AV	2.00	100	Horizontal	Pass
6	17426.579	54.37	74.0	19.63	Peak	195.00	400	Horizontal	Pass
6**	17426.579	48.44	54.0	5.56	AV	195.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.461	47.93	74.0	26.07	Peak	122.00	300	Vertical	Pass
1**	1333.461	36.33	54.0	17.67	AV	122.00	300	Vertical	Pass
2	2978.429	52.62	74.0	21.38	Peak	112.00	200	Vertical	Pass
2**	2978.429	43.29	54.0	10.71	AV	112.00	200	Vertical	Pass
3	4851.962	49.63	74.0	24.37	Peak	206.00	200	Vertical	Pass
3**	4851.962	43.52	54.0	10.48	AV	206.00	200	Vertical	Pass
4	6604.647	52.50	74.0	21.50	Peak	330.00	300	Vertical	Pass
4**	6604.647	42.48	54.0	11.52	AV	330.00	300	Vertical	Pass
5	13433.555	56.37	74.0	17.63	Peak	315.00	400	Vertical	Pass
5**	13433.555	45.72	54.0	8.28	AV	315.00	400	Vertical	Pass
6	17415.445	59.32	74.0	14.68	Peak	142.00	100	Vertical	Pass
6**	17415.445	47.51	54.0	6.49	AV	142.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.755	43.04	74.0	30.96	Peak	20.00	300	Horizontal	Pass
1**	1325.755	34.40	54.0	19.60	AV	20.00	300	Horizontal	Pass
2	2994.774	48.48	74.0	25.52	Peak	150.00	100	Horizontal	Pass
2**	2994.774	42.39	54.0	11.61	AV	150.00	100	Horizontal	Pass
3	4936.535	51.68	74.0	22.32	Peak	56.00	200	Horizontal	Pass
3**	4936.535	42.75	54.0	11.25	AV	56.00	200	Horizontal	Pass
4	6803.886	52.39	74.0	21.61	Peak	61.00	300	Horizontal	Pass
4**	6803.886	42.05	54.0	11.95	AV	61.00	300	Horizontal	Pass
5	13415.024	55.81	74.0	18.19	Peak	169.00	400	Horizontal	Pass
5**	13415.024	44.58	54.0	9.42	AV	169.00	400	Horizontal	Pass
6	17429.340	54.53	74.0	19.47	Peak	349.00	300	Horizontal	Pass
6**	17429.340	49.55	54.0	4.45	AV	349.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.341	42.35	74.0	31.65	Peak	162.00	100	Vertical	Pass
1**	1335.341	37.49	54.0	16.51	AV	162.00	100	Vertical	Pass
2	2984.881	49.78	74.0	24.22	Peak	110.00	300	Vertical	Pass
2**	2984.881	42.33	54.0	11.67	AV	110.00	300	Vertical	Pass
3	4855.838	47.59	74.0	26.41	Peak	221.00	200	Vertical	Pass
3**	4855.838	43.62	54.0	10.38	AV	221.00	200	Vertical	Pass
4	6603.551	52.66	74.0	21.34	Peak	30.00	100	Vertical	Pass
4**	6603.551	47.03	54.0	6.97	AV	30.00	100	Vertical	Pass
5	13438.089	55.09	74.0	18.91	Peak	151.00	100	Vertical	Pass
5**	13438.089	43.84	54.0	10.16	AV	151.00	100	Vertical	Pass
6	17417.845	55.63	74.0	18.37	Peak	321.00	100	Vertical	Pass
6**	17417.845	45.57	54.0	8.43	AV	321.00	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 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.

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Test Data

802.11b LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.511	57.54	74.0	16.46	Peak	113.00	100	Horizontal	Pass
1**	2384.511	48.77	54.0	5.23	AV	113.00	100	Horizontal	Pass
2	2390.000	56.26	74.0	17.74	Peak	189.00	100	Horizontal	Pass
2**	2390.000	46.19	54.0	7.81	AV	189.00	100	Horizontal	Pass

802.11b HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.44	74.0	16.56	Peak	271.00	200	Horizontal	Pass
1**	2483.500	46.7	54.0	7.30	AV	271.00	200	Horizontal	Pass
2	2486.530	57.17	74.0	16.83	Peak	219.00	300	Horizontal	Pass
2**	2486.530	44.45	54.0	9.55	AV	219.00	300	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	2383.720	58.84	74.0	15.16	Peak	60.00	300	Horizontal	Pass
1**	2383.720	47.11	54.0	6.89	AV	60.00	300	Horizontal	Pass
2	2390.000	54.24	74.0	19.76	Peak	329.00	200	Horizontal	Pass
2**	2390.000	46.55	54.0	7.45	AV	329.00	200	Horizontal	Pass

802.11g HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.18	74.0	16.82	Peak	226.00	300	Horizontal	Pass
1**	2483.500	46.93	54.0	7.07	AV	226.00	300	Horizontal	Pass
2	2486.095	60.21	74.0	13.79	Peak	184.00	100	Horizontal	Pass
2**	2486.095	45.5	54.0	8.50	AV	184.00	100	Horizontal	Pass

802.11n20 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.406	56.71	74.0	17.29	Peak	38.00	100	Horizontal	Pass
1**	2385.406	48.47	54.0	5.53	AV	38.00	100	Horizontal	Pass
2	2390.000	53.33	74.0	20.67	Peak	27.00	100	Horizontal	Pass
2**	2390.000	46.43	54.0	7.57	AV	27.00	100	Horizontal	Pass

802.11n20 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	54.57	74.0	19.43	Peak	248.00	100	Horizontal	Pass
1**	2483.500	46.56	54.0	7.44	AV	248.00	100	Horizontal	Pass
2	2486.234	59.49	74.0	14.51	Peak	330.00	100	Horizontal	Pass
2**	2486.234	47.43	54.0	6.57	AV	330.00	100	Horizontal	Pass

802.11n40 LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2385.966	57.46	74.0	16.54	Peak	60.00	100	Horizontal	Pass
1**	2385.966	48.09	54.0	5.91	AV	60.00	100	Horizontal	Pass
2	2390.000	55.47	74.0	18.53	Peak	254.00	100	Horizontal	Pass
2**	2390.000	46.21	54.0	7.79	AV	254.00	100	Horizontal	Pass

802.11n40 HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	56.48	74.0	17.52	Peak	358.00	200	Horizontal	Pass
1**	2483.500	45.87	54.0	8.13	AV	358.00	200	Horizontal	Pass
2	2485.972	56.68	74.0	17.32	Peak	305.00	200	Horizontal	Pass
2**	2485.972	46.08	54.0	7.92	AV	305.00	200	Horizontal	Pass

802.11ax20(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2384.854	59.81	74.0	14.19	Peak	82.00	300	Horizontal	Pass
1**	2384.854	48.97	54.0	5.03	AV	82.00	300	Horizontal	Pass
2	2390.000	56.73	74.0	17.27	Peak	247.00	300	Horizontal	Pass
2**	2390.000	47.34	54.0	6.66	AV	247.00	300	Horizontal	Pass

802.11ax20(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.53	74.0	16.47	Peak	72.00	300	Horizontal	Pass
1**	2483.500	44.17	54.0	9.83	AV	72.00	300	Horizontal	Pass
2	2486.357	57.88	74.0	16.12	Peak	237.00	200	Horizontal	Pass
2**	2486.357	45.73	54.0	8.27	AV	237.00	200	Horizontal	Pass

802.11ax40(SU) LOW CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2383.488	58.85	74.0	15.15	Peak	122.00	200	Horizontal	Pass
1**	2383.488	45.97	54.0	8.03	AV	122.00	200	Horizontal	Pass
2	2390.000	56.34	74.0	17.66	Peak	35.00	200	Horizontal	Pass
2**	2390.000	43.57	54.0	10.43	AV	35.00	200	Horizontal	Pass

802.11ax40(SU) HIGH CHANNEL

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2483.500	57.74	74.0	16.26	Peak	44.00	100	Horizontal	Pass
1**	2483.500	44.22	54.0	9.78	AV	44.00	100	Horizontal	Pass
2	2486.112	59.37	74.0	14.63	Peak	314.00	300	Horizontal	Pass
2**	2486.112	45.2	54.0	8.80	AV	314.00	300	Horizontal	Pass

A.8 Power Spectral Density (PSD)

Note ¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

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

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Test Data

802.11b Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-17.44	8
Middle	-16.87	8
High	-16.38	8

802.11g Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.45	8
Middle	-14.72	8
High	-14.36	8

802.11n-20 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-14.13	8
Middle	-13.60	8
High	-14.00	8

802.11n-40 MHz Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-16.48	8
Middle	-14.45	8
High	-16.69	8

802.11ax-20 MHz(SU) Mode:

Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-12.19	8
Middle	-12.16	8
High	-13.08	8

802.11ax-40 MHz(SU) Mode:

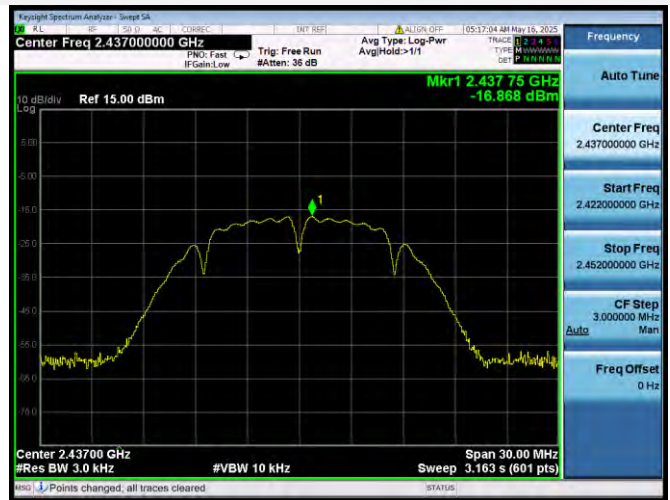
Channel	Spectral power density (dBm/3kHz)	Limit (dBm/3kHz)
Low	-15.63	8
Middle	-17.04	8
High	-15.10	8

Test Plots

802.11b LOW CHANNEL



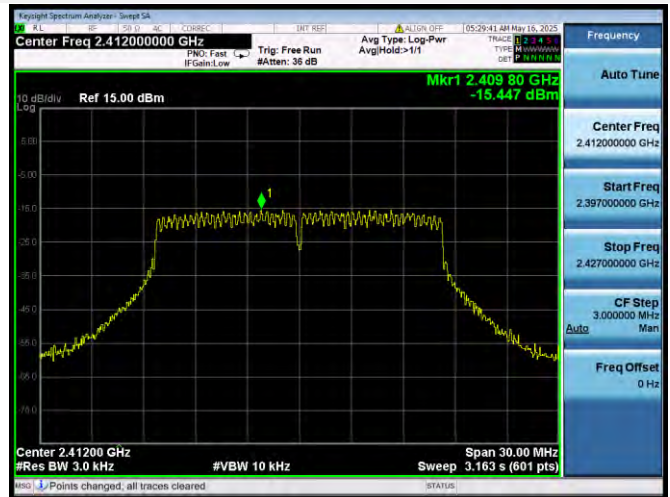
802.11b MIDDLE CHANNEL



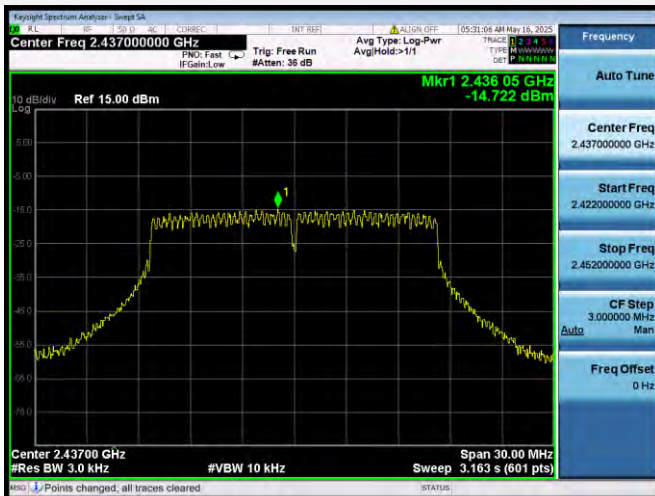
802.11b HIGH CHANNEL



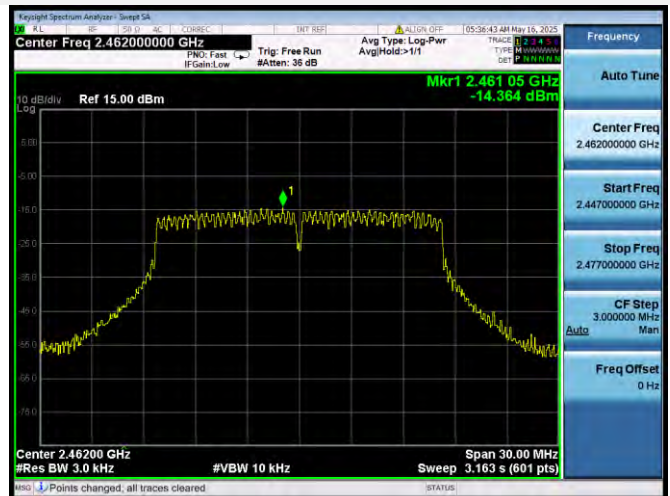
802.11g LOW CHANNEL



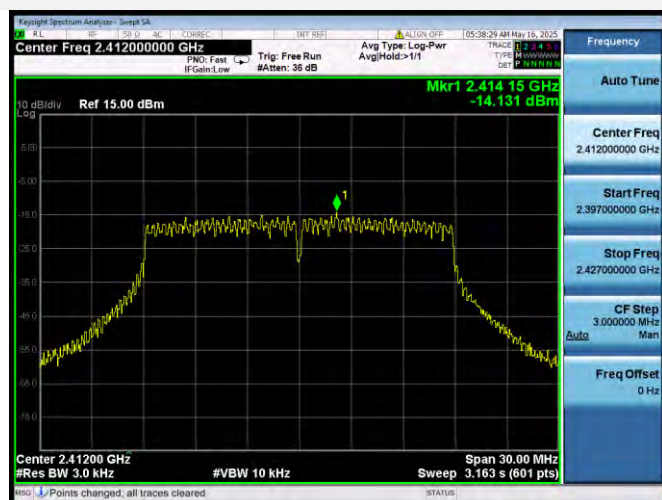
802.11g MIDDLE CHANNEL



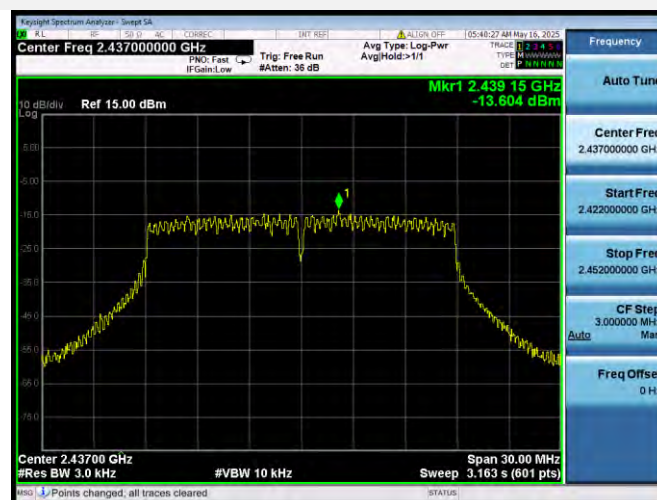
802.11g HIGH CHANNEL



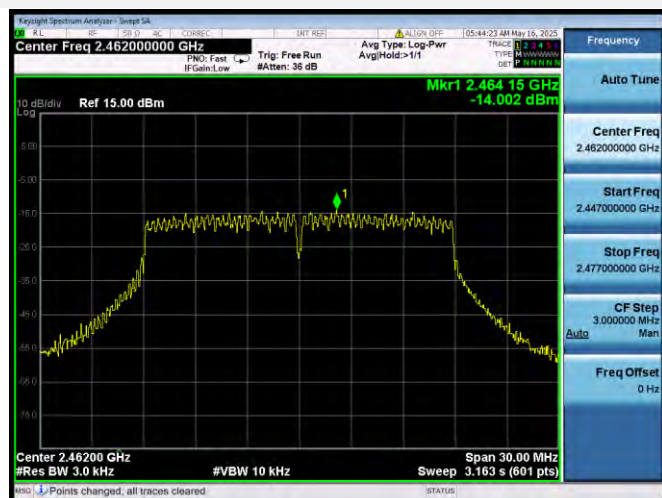
802.11n-20 MHz LOW CHANNEL



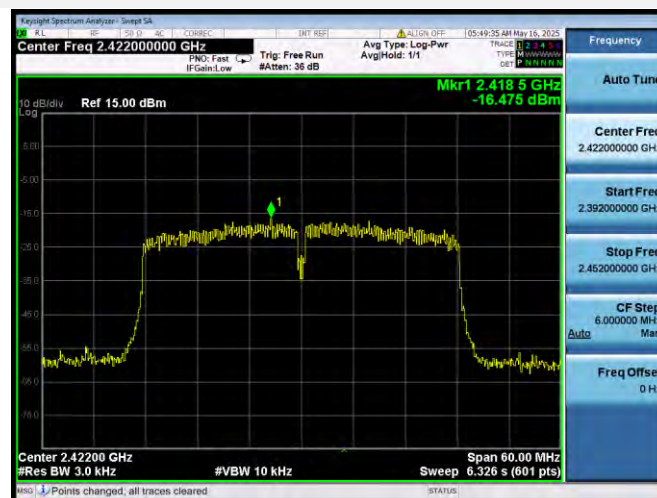
802.11n-20 MHz MIDDLE CHANNEL



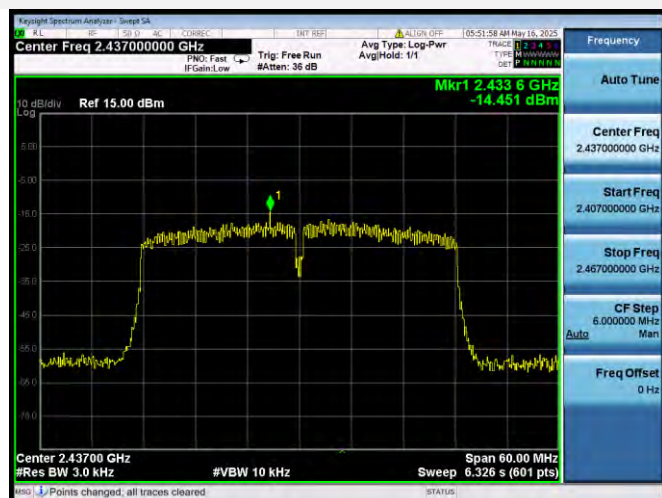
802.11n-20 MHz HIGH CHANNEL



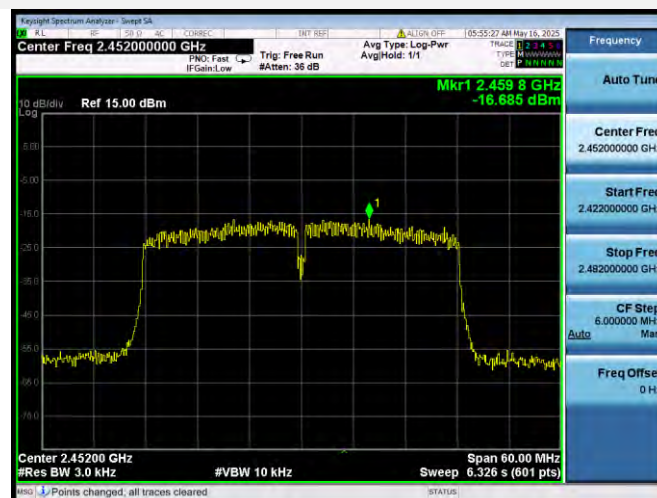
802.11n-40 MHz LOW CHANNEL



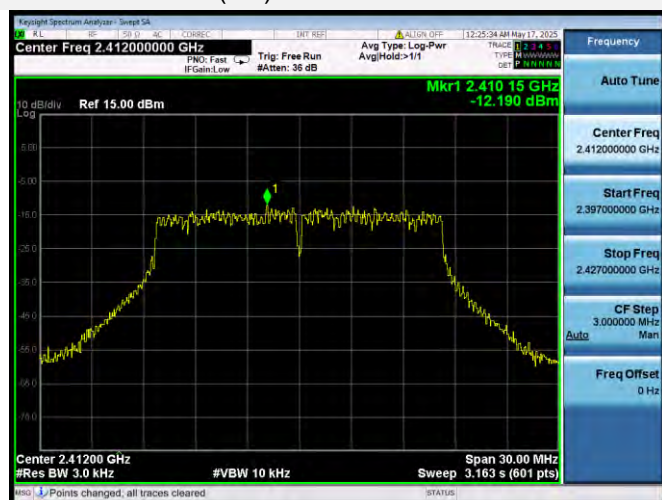
802.11n-40 MHz MIDDLE CHANNEL



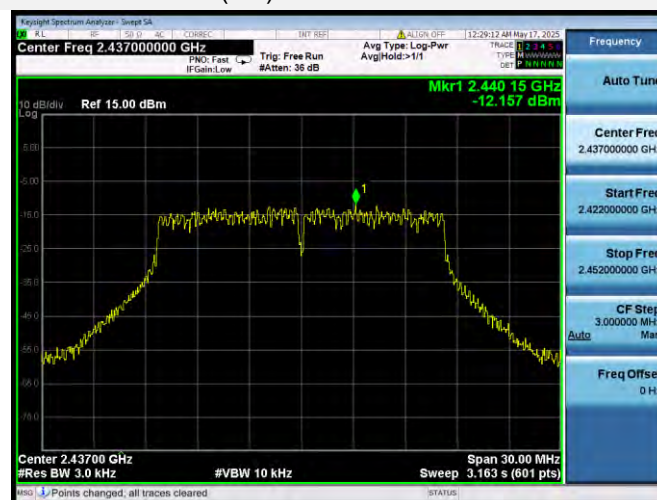
802.11n-40 MHz HIGH CHANNEL



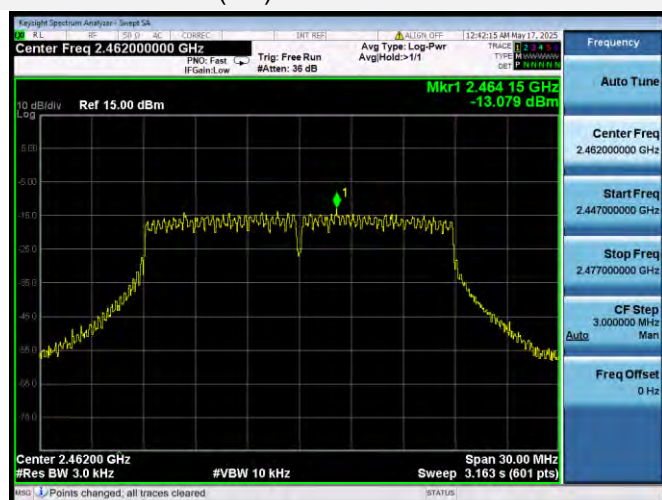
802.11ax-20 MHz(SU) LOW CHANNEL



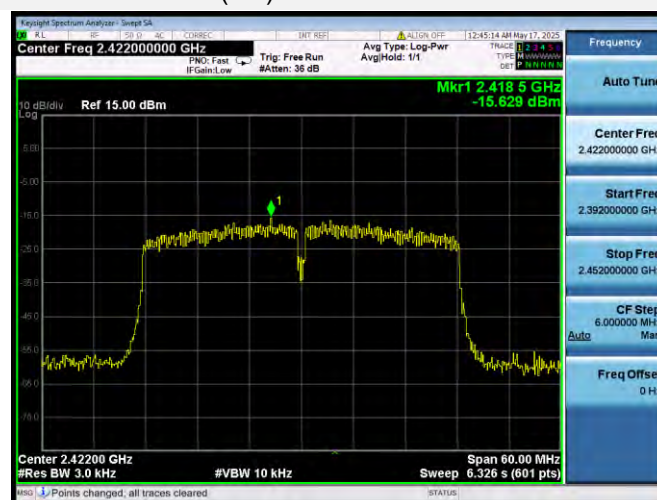
802.11ax-20 MHz(SU) MIDDLE CHANNEL



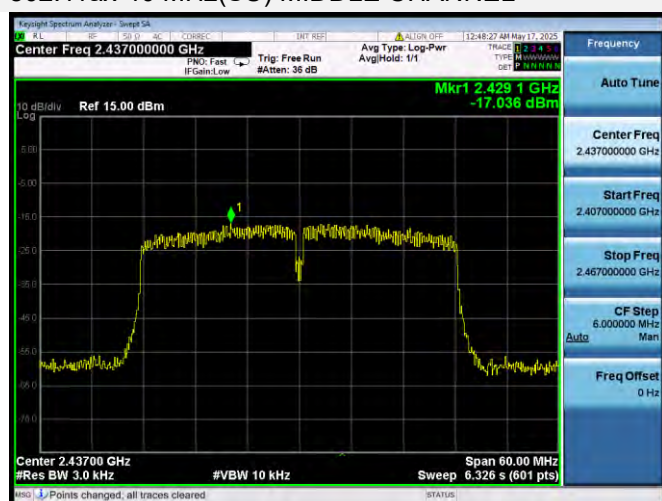
802.11ax-20 MHz(SU) HIGH CHANNEL



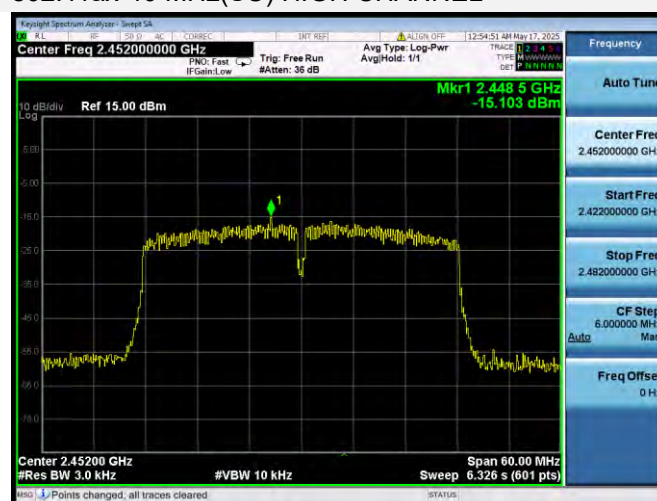
802.11ax-40 MHz(SU) LOW CHANNEL



802.11ax-40 MHz(SU) MIDDLE CHANNEL



802.11ax-40 MHz(SU) HIGH CHANNEL



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2541655-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2541655-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2541655-AI.PDF”.

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--END OF REPORT--