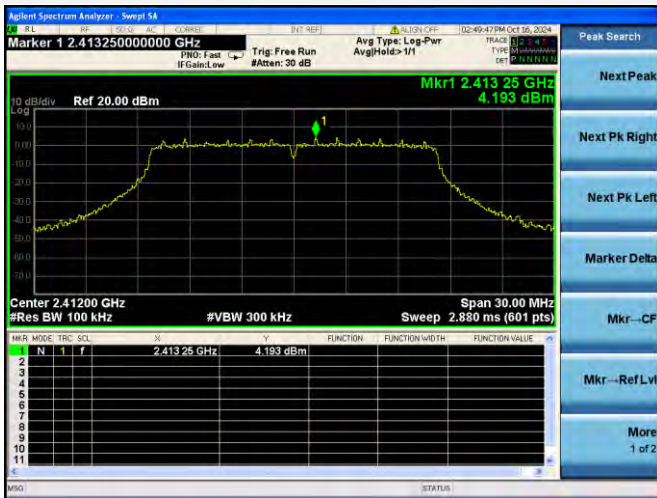
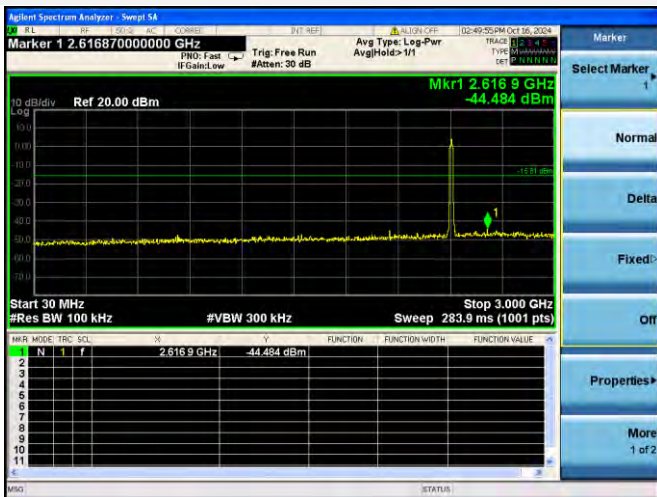


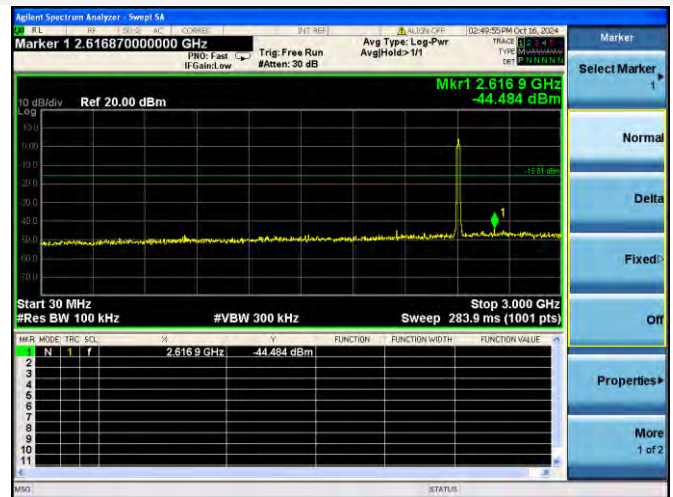
802.11g LOW CHANNEL CARRIER LEVEL



802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



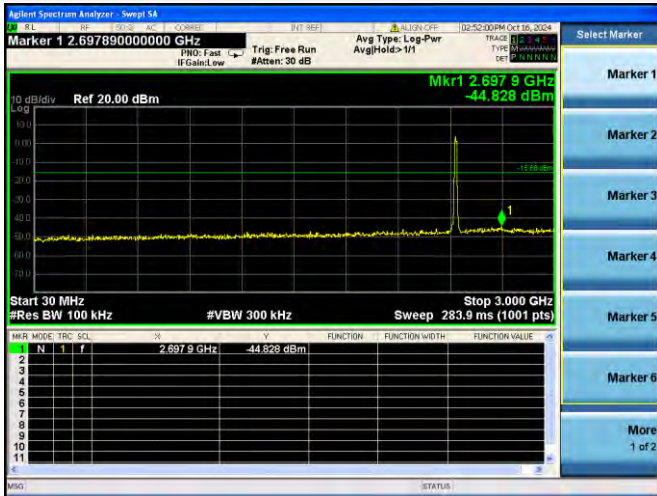
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



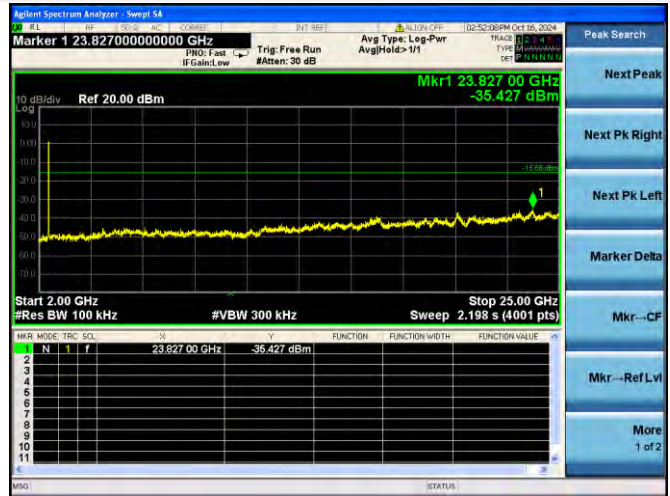
802.11g MIDDLE CHANNEL CARRIER LEVEL



802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



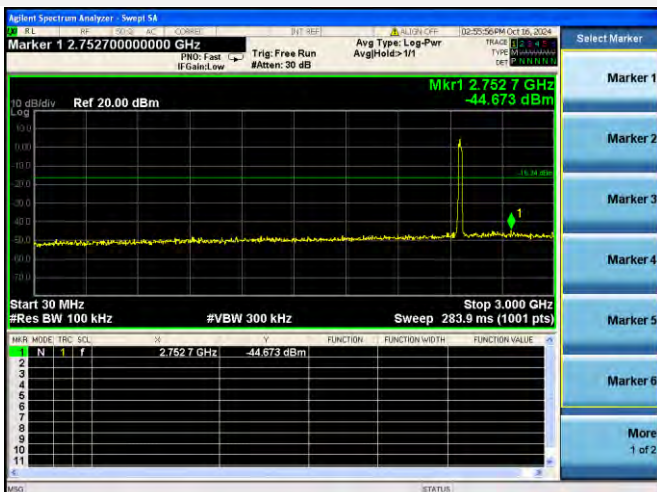
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



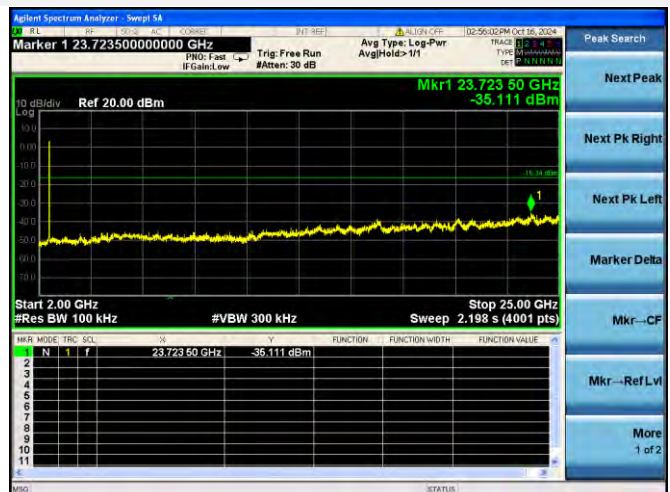
802.11g HIGH CHANNEL CARRIER LEVEL



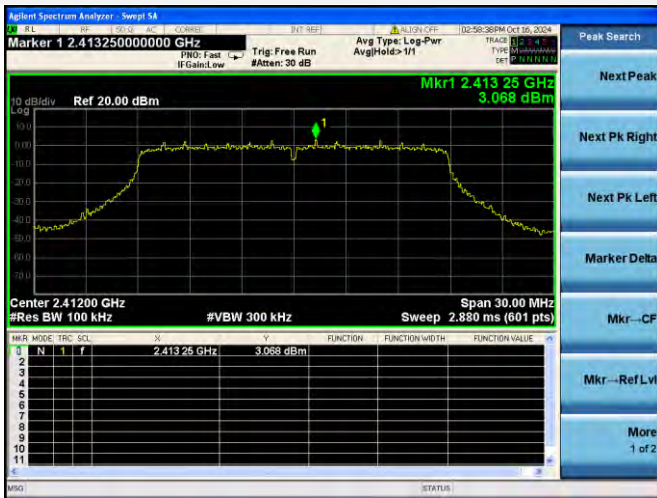
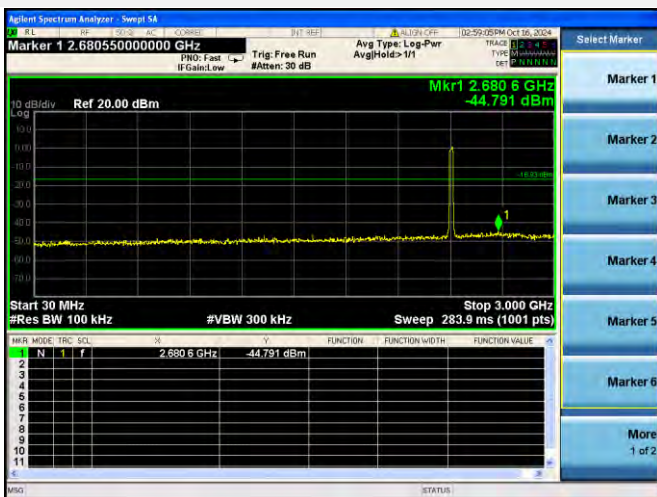
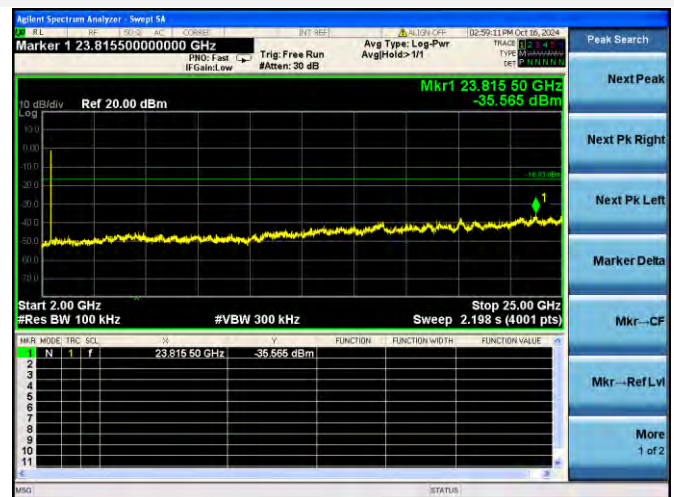
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



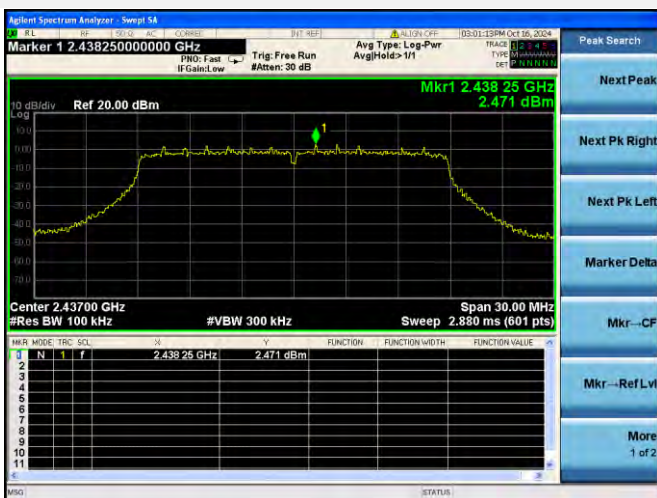
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



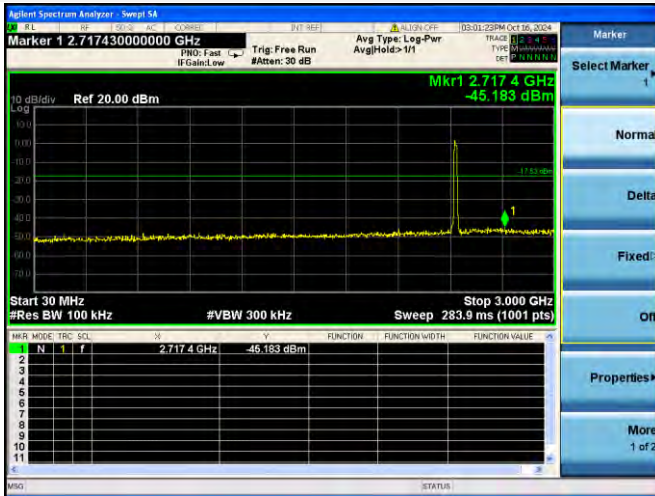
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

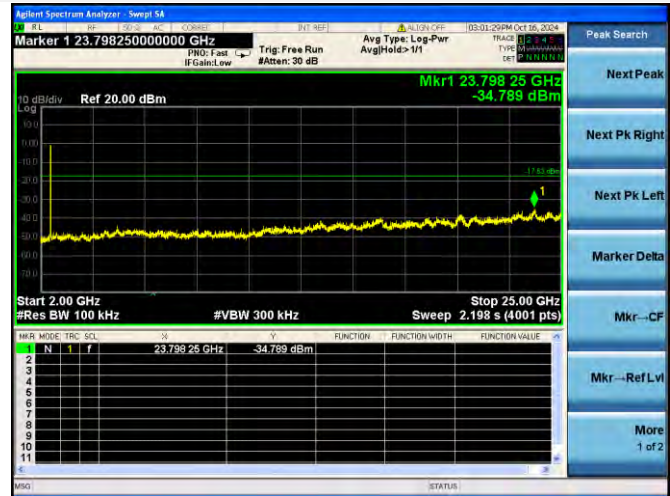
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



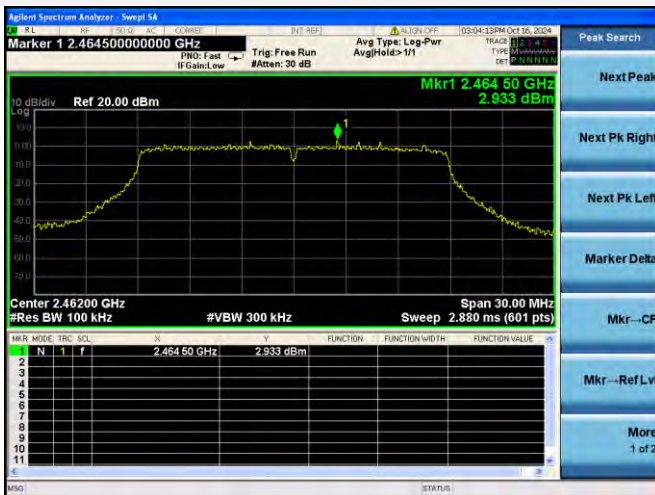
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



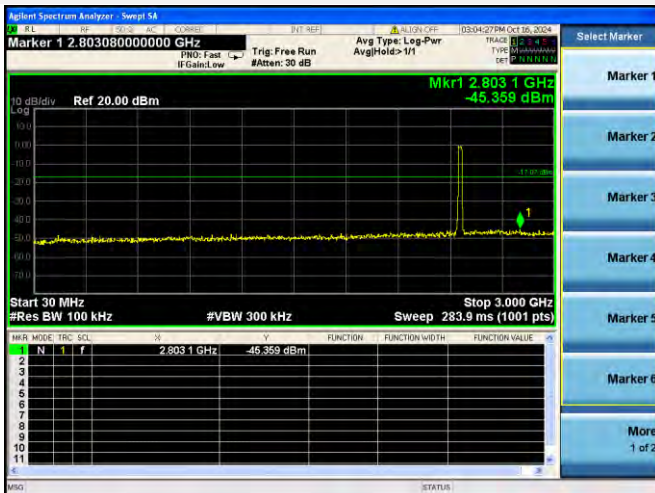
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



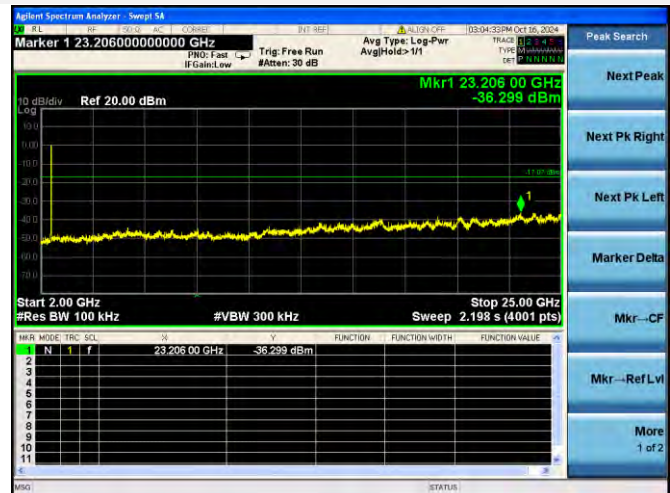
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



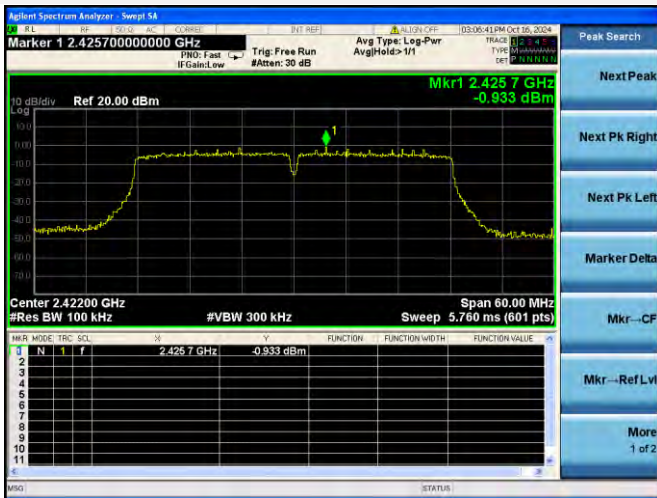
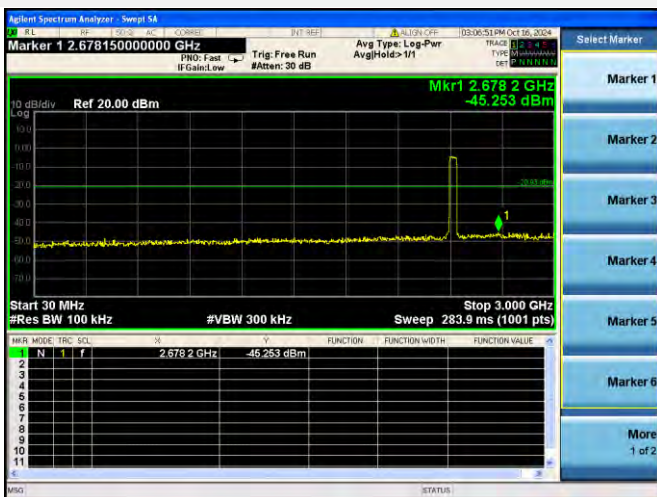
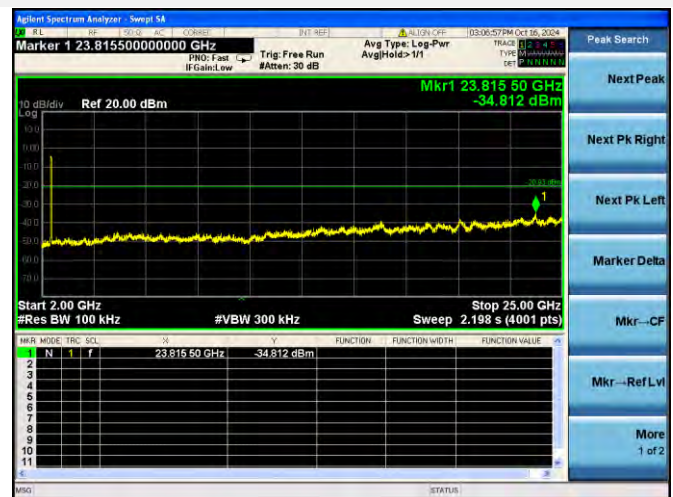
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



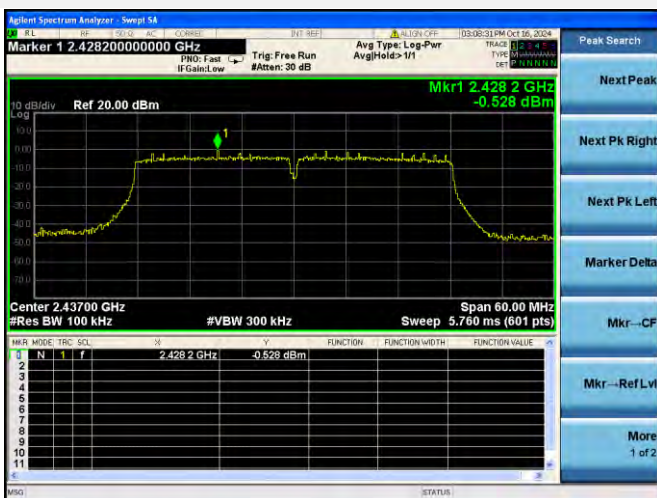
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



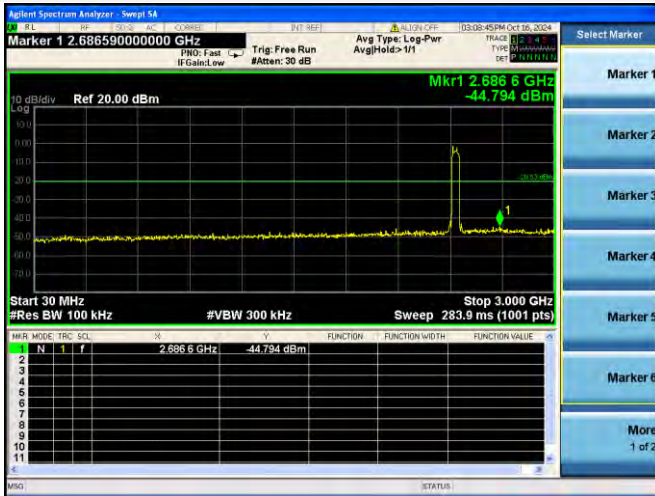
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

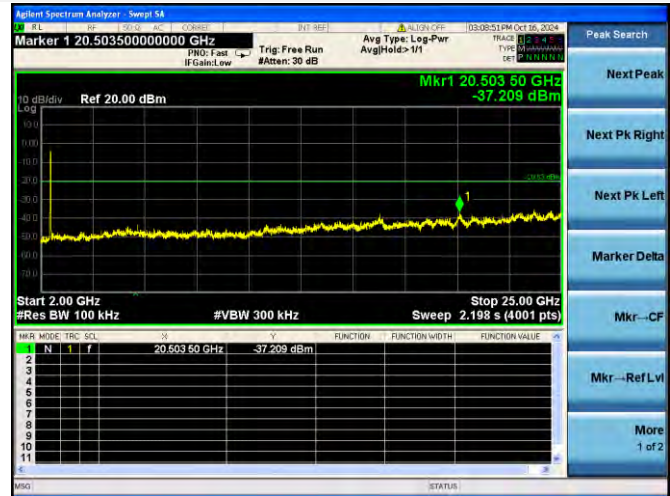
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



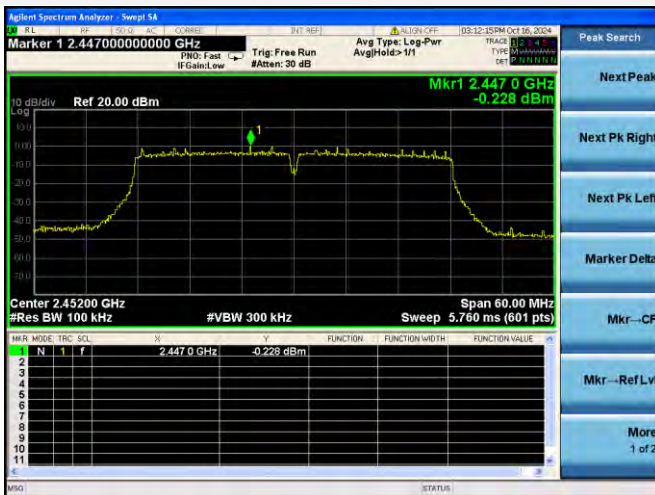
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



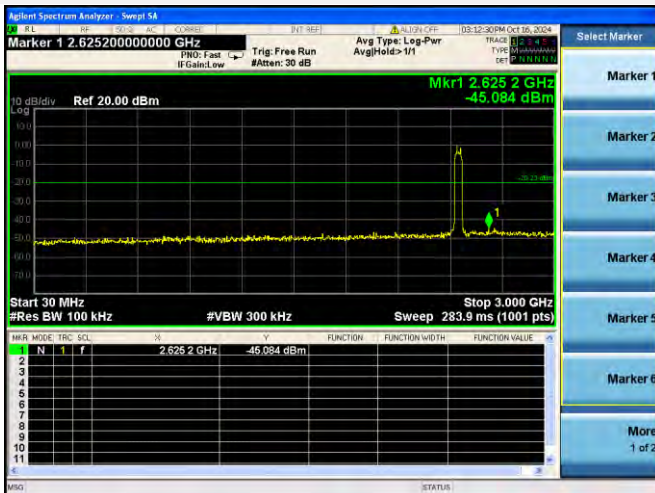
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



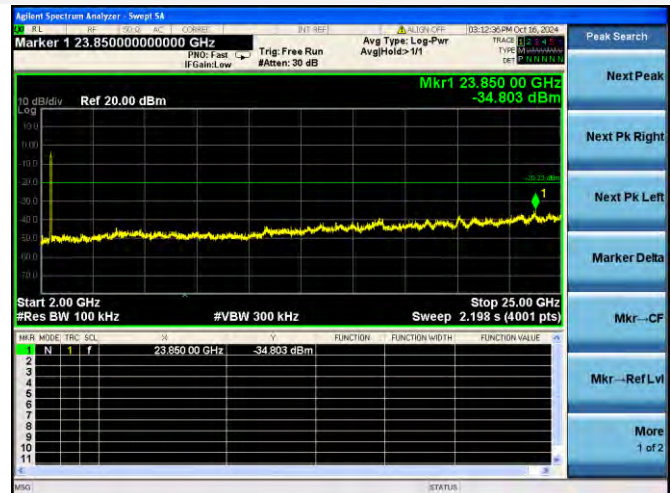
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



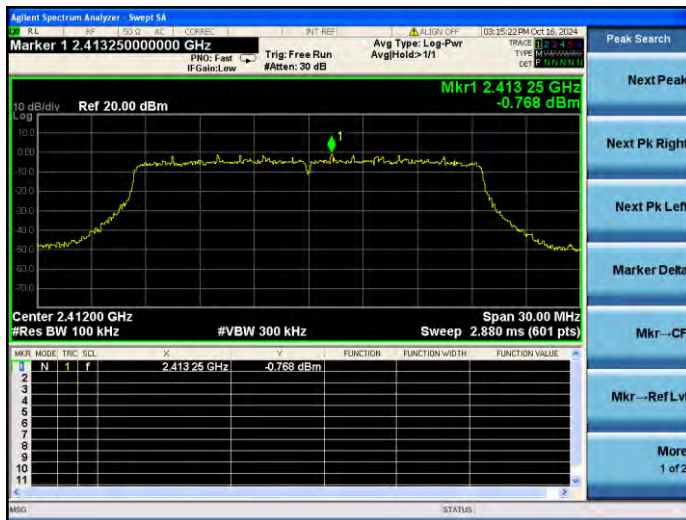
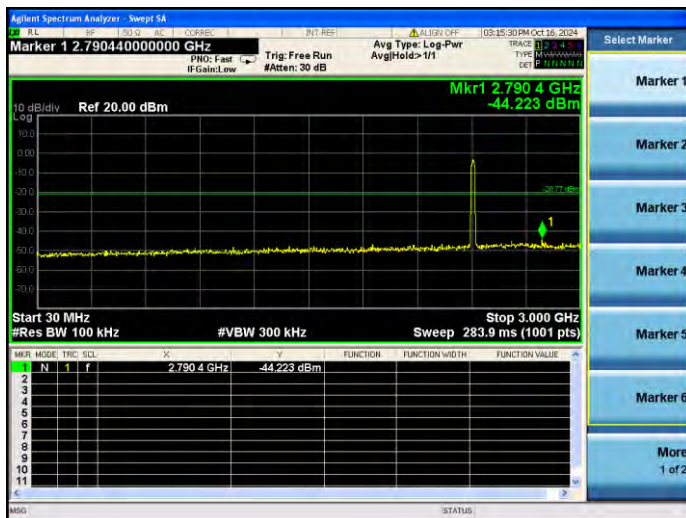
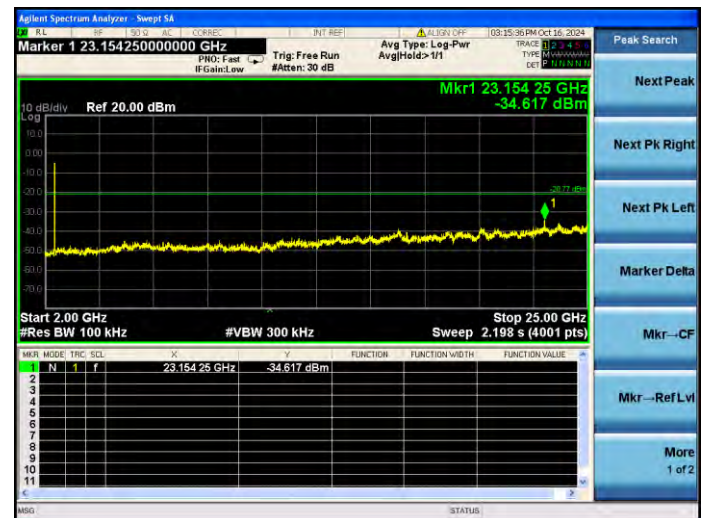
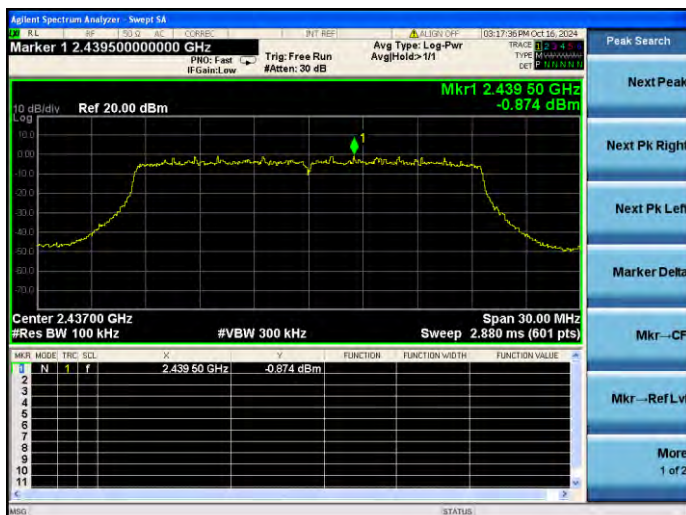
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



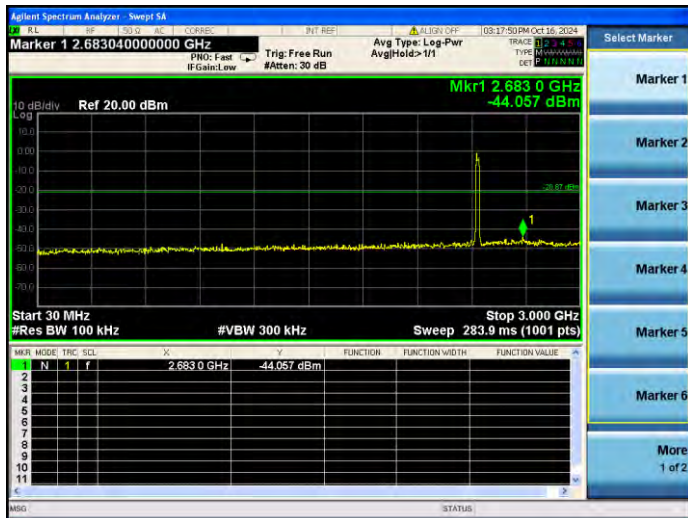
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



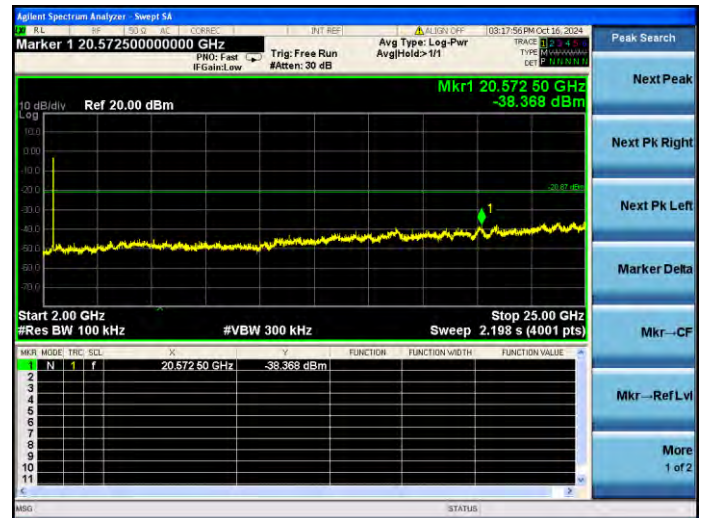
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

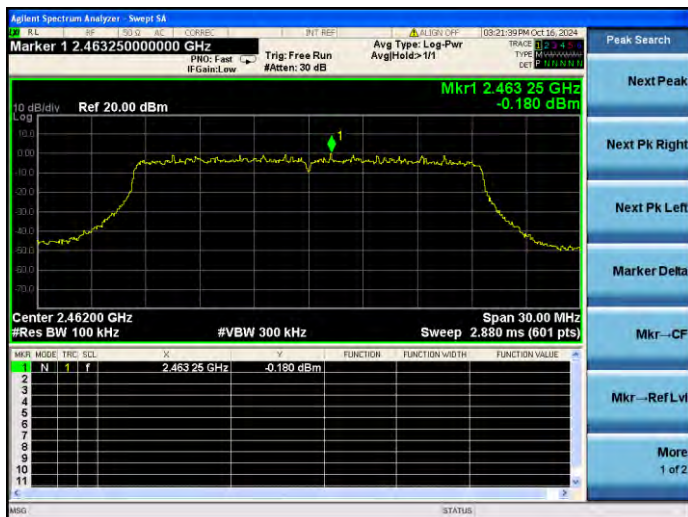
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



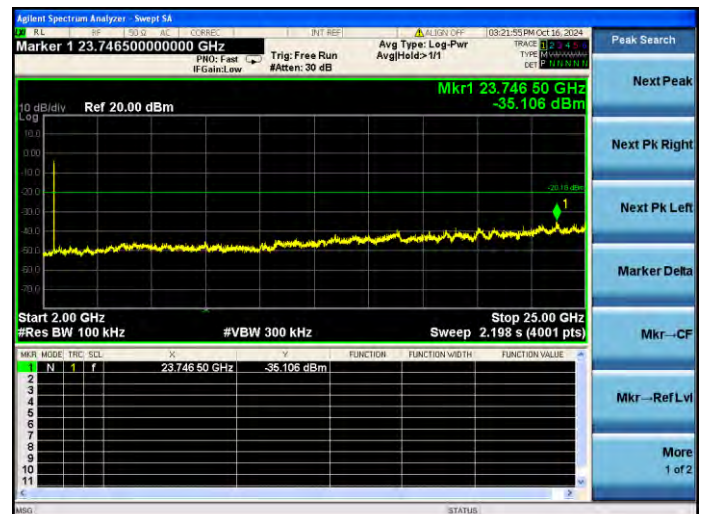
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



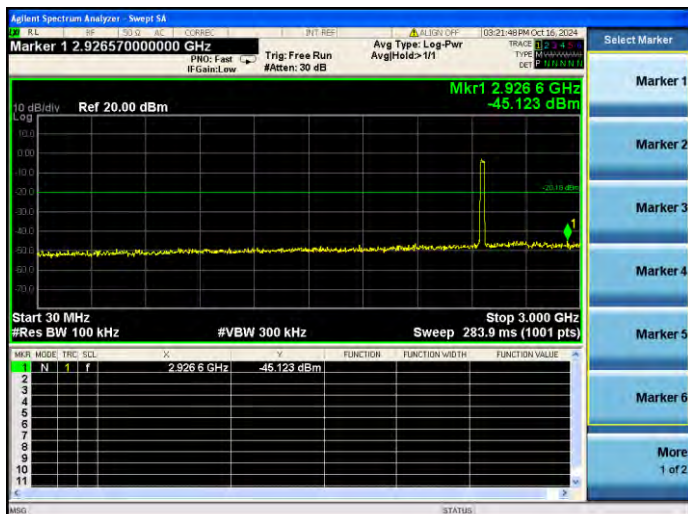
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



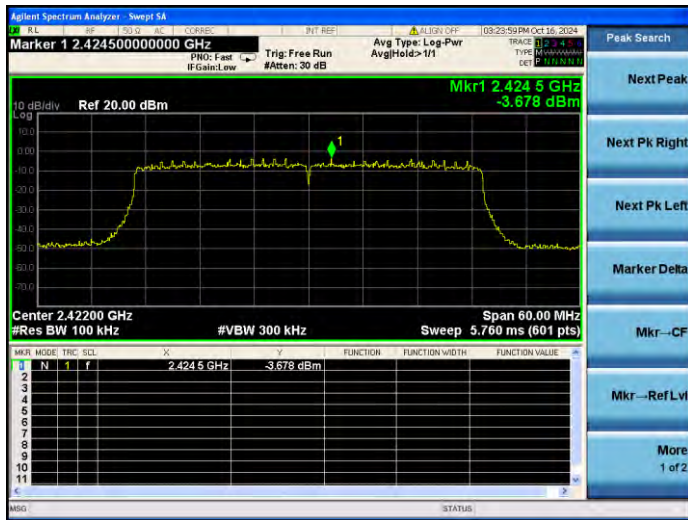
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



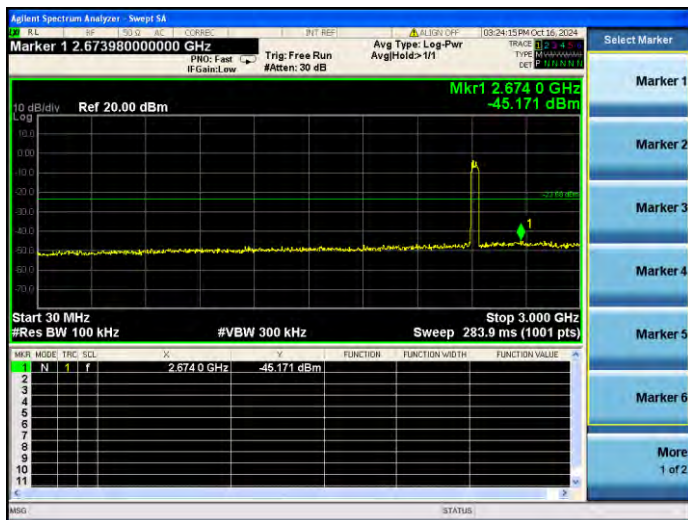
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



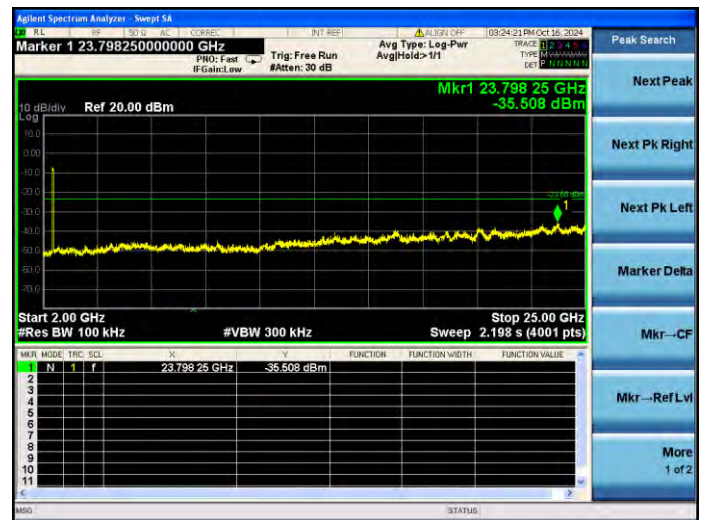
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



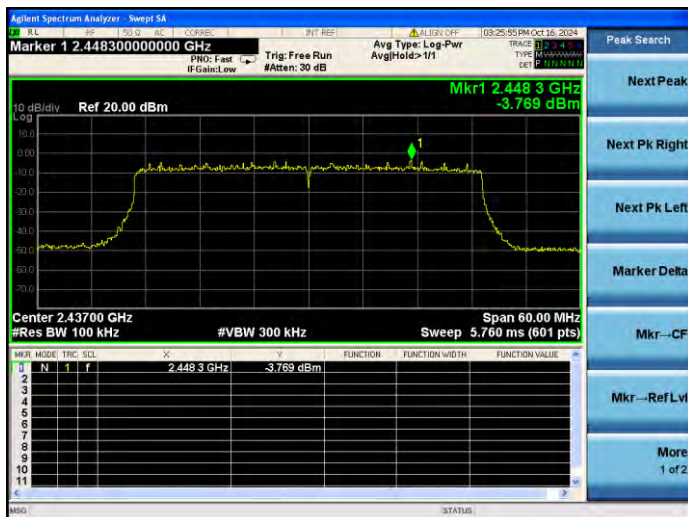
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



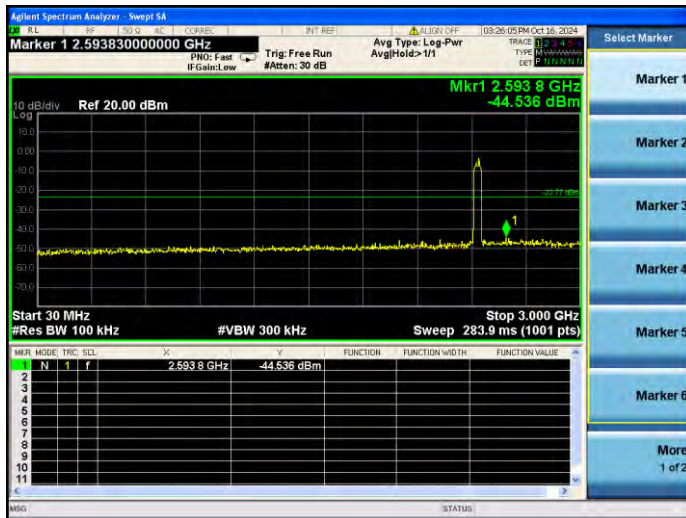
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



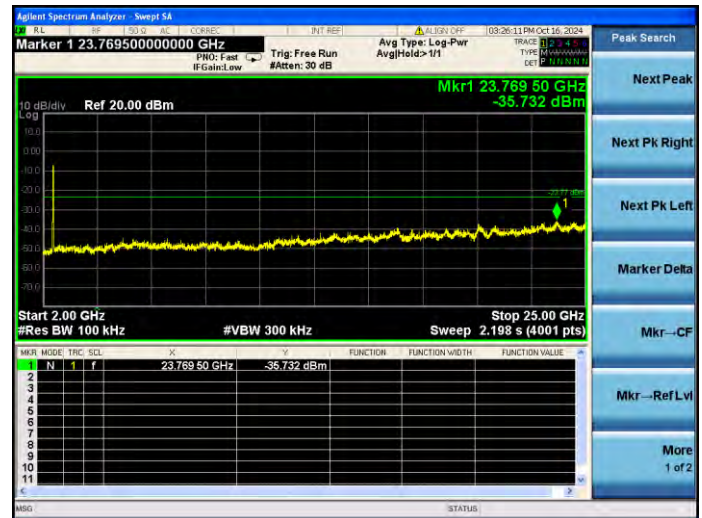
802.11ax-40 MHz(SU) MIDDLE CHANNEL CARRIER LEVEL



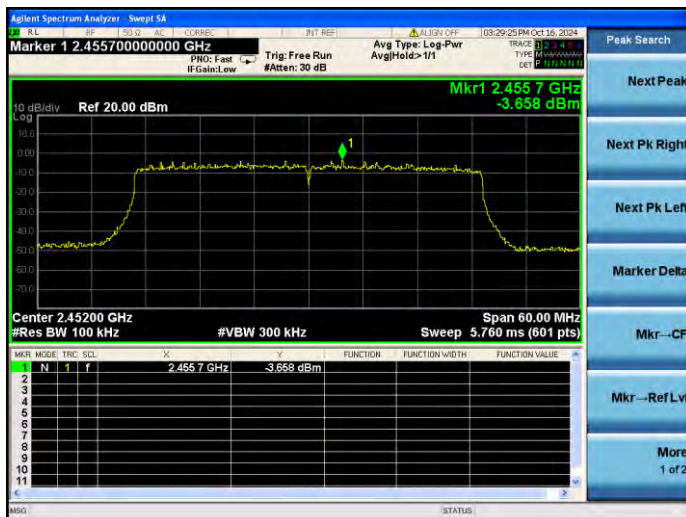
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



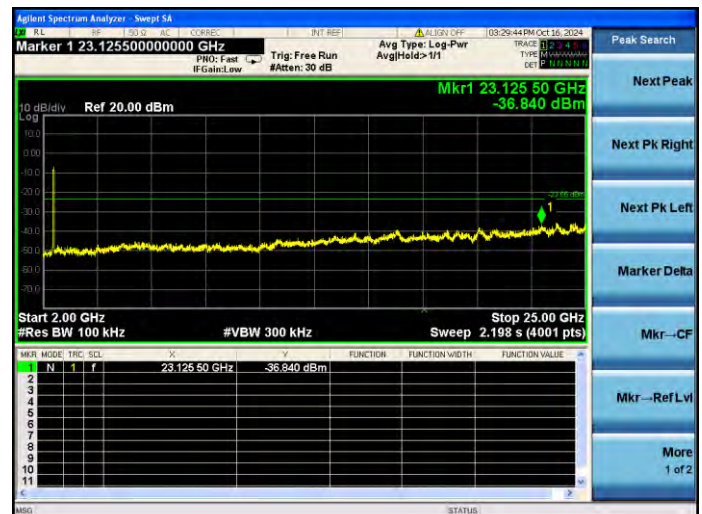
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



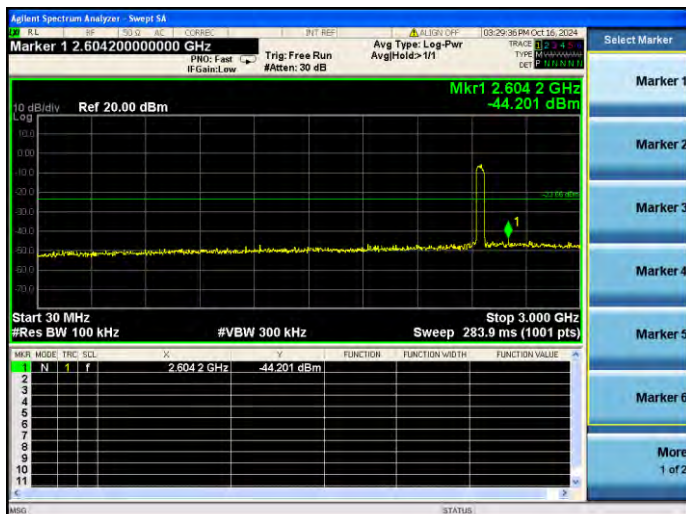
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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



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

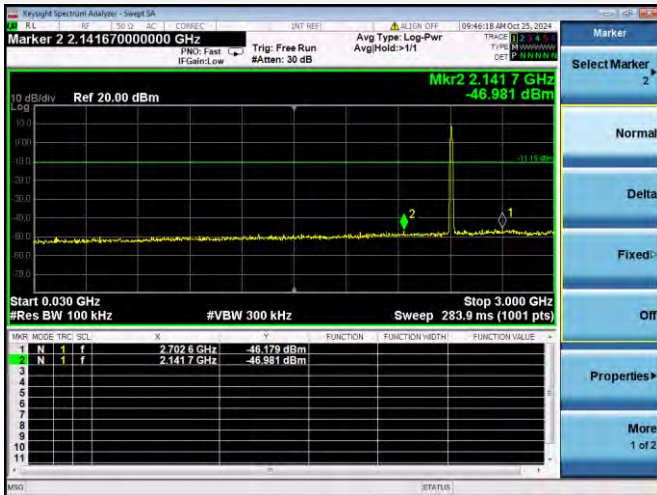


SISO-Antenna 2

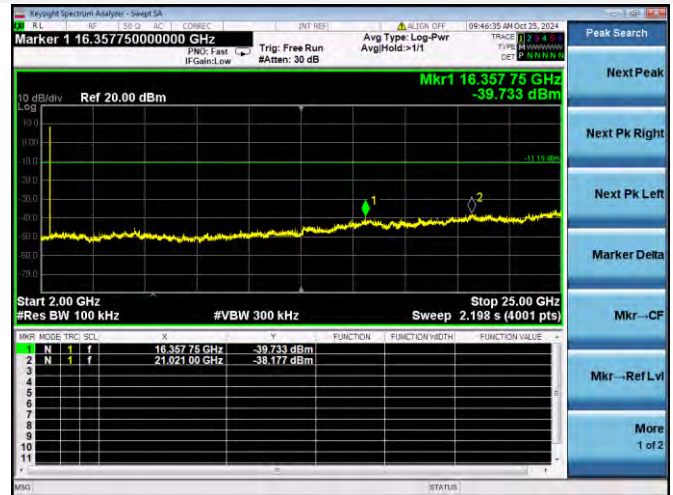
802.11b LOW CHANNEL CARRIER LEVEL



802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



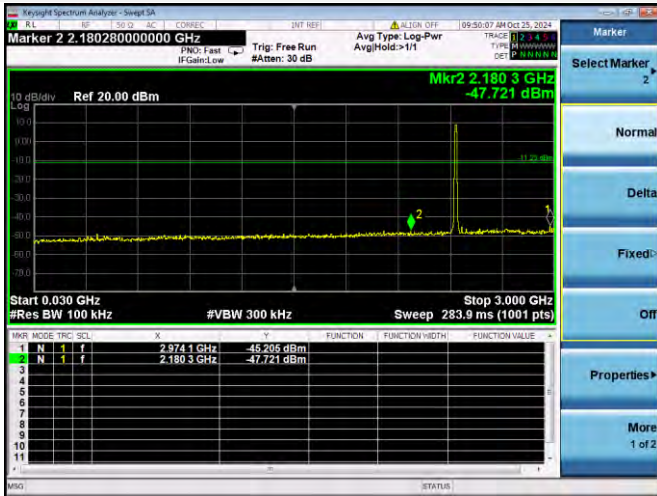
802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



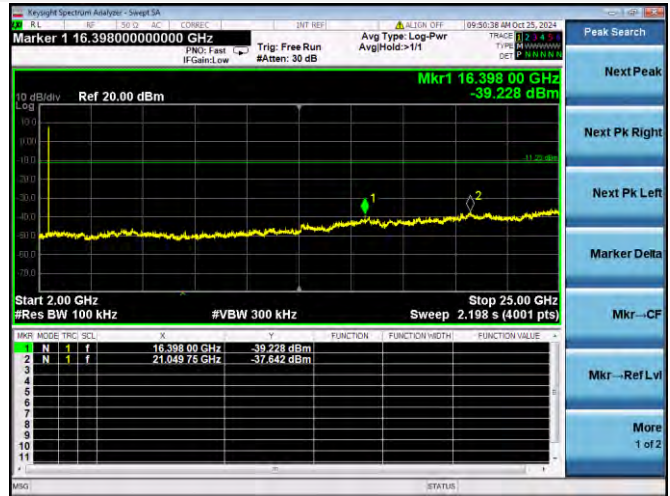
802.11b MIDDLE CHANNEL CARRIER LEVEL



802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



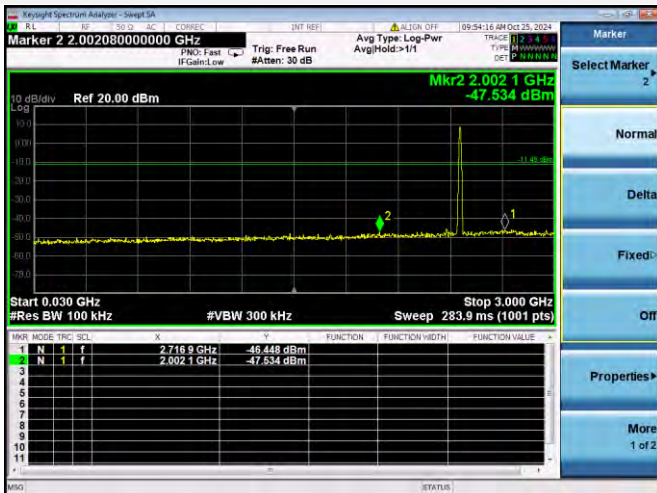
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11b HIGH CHANNEL CARRIER LEVEL



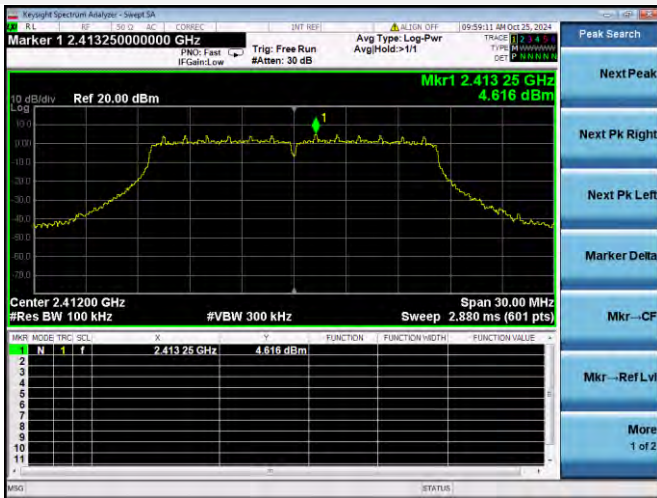
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



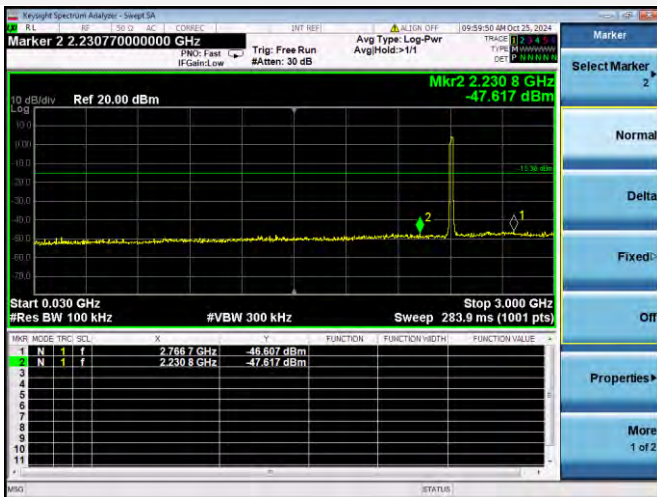
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11g LOW CHANNEL CARRIER LEVEL



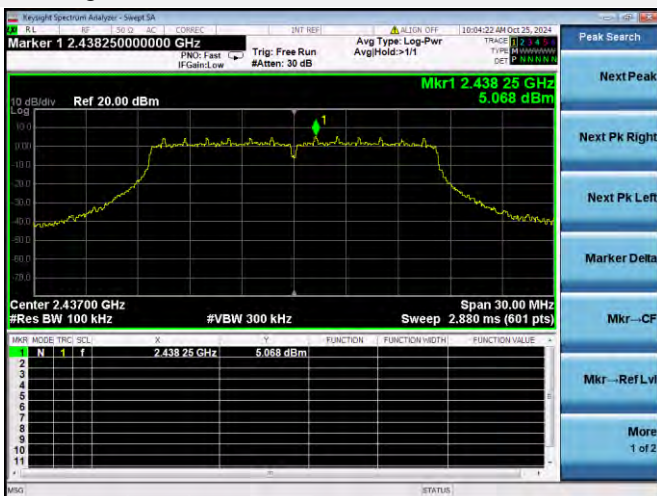
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



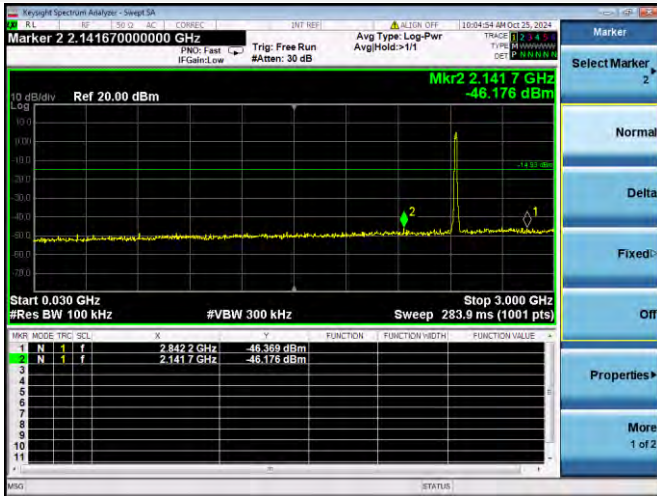
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



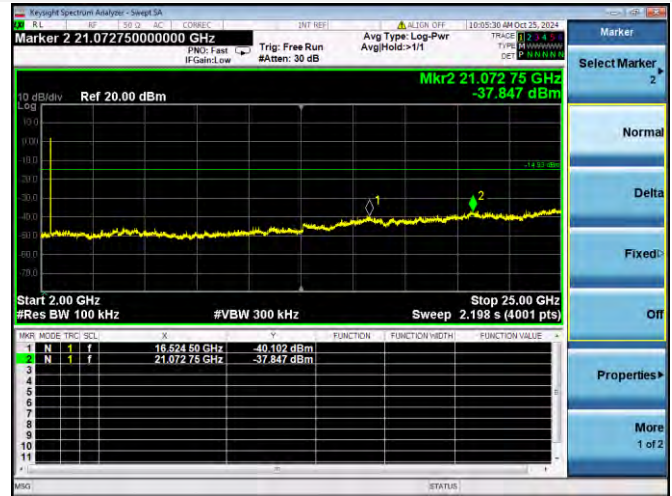
802.11g MIDDLE CHANNEL CARRIER LEVEL



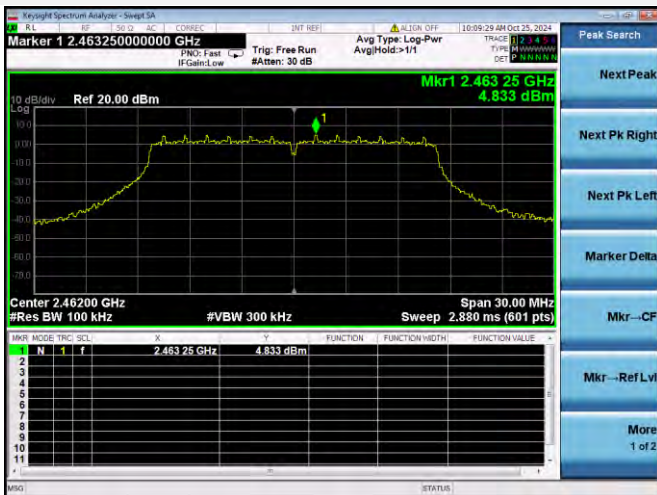
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



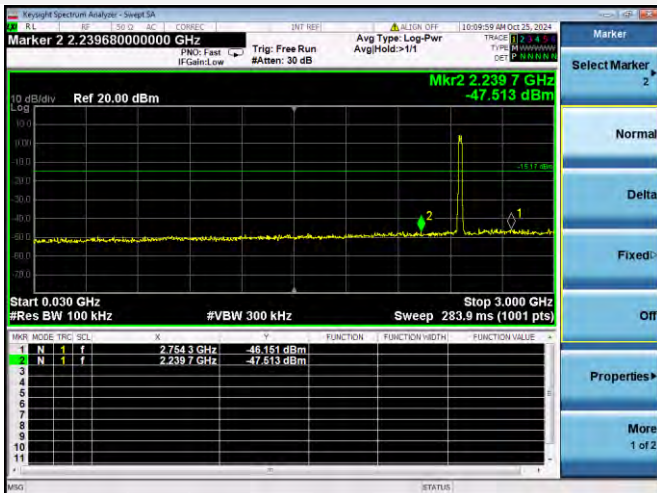
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



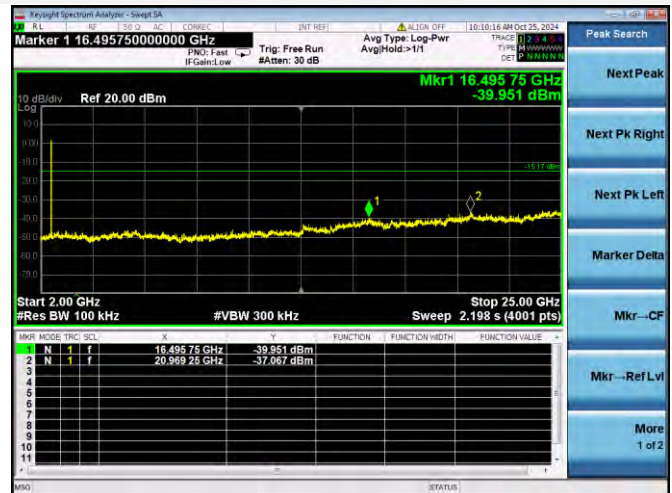
802.11g HIGH CHANNEL CARRIER LEVEL



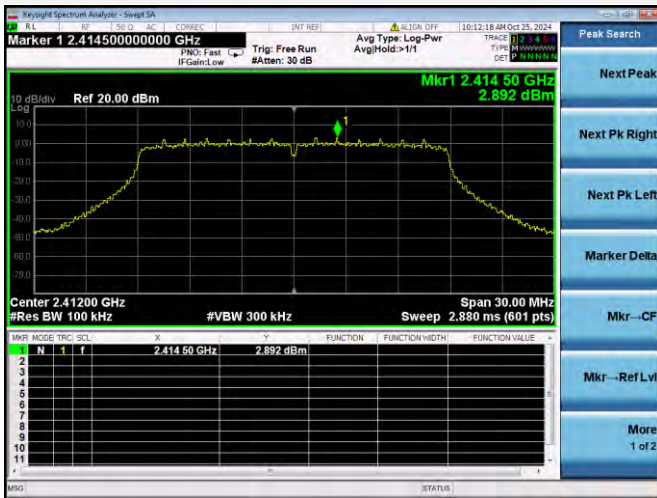
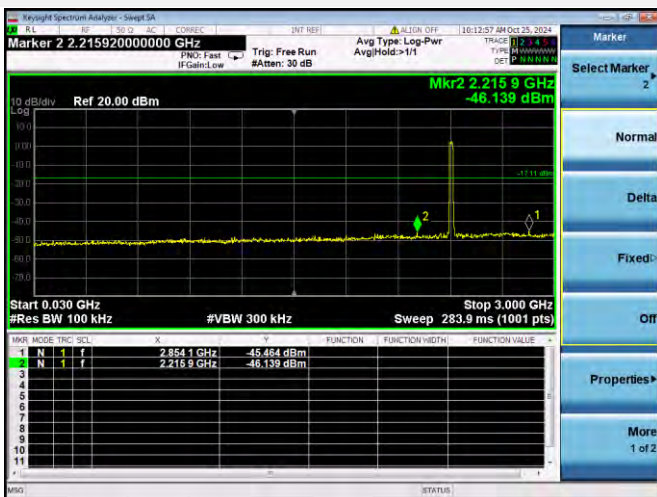
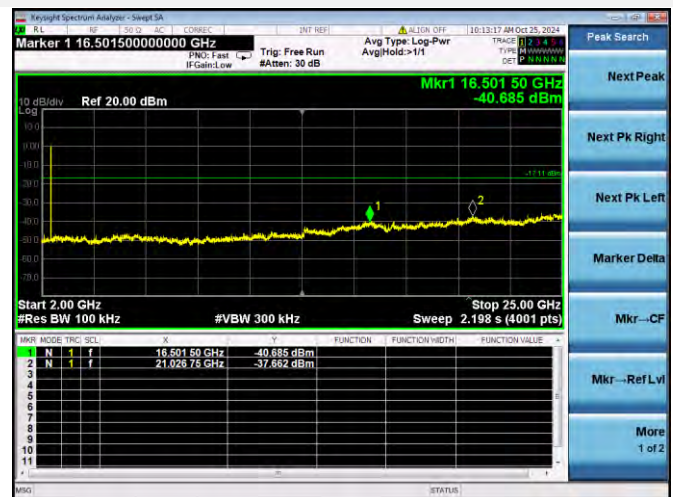
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



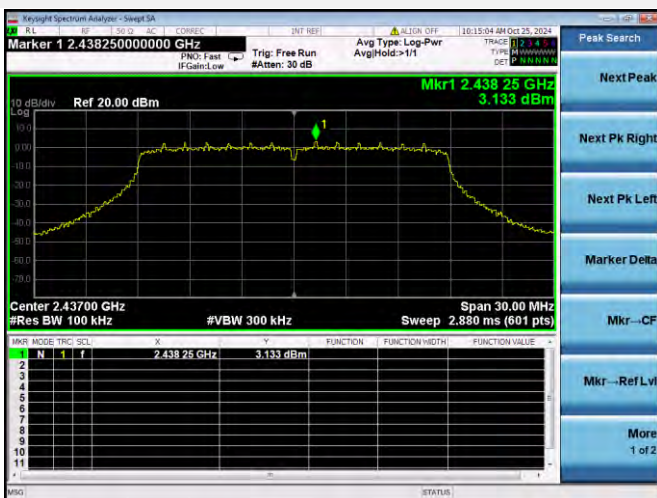
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



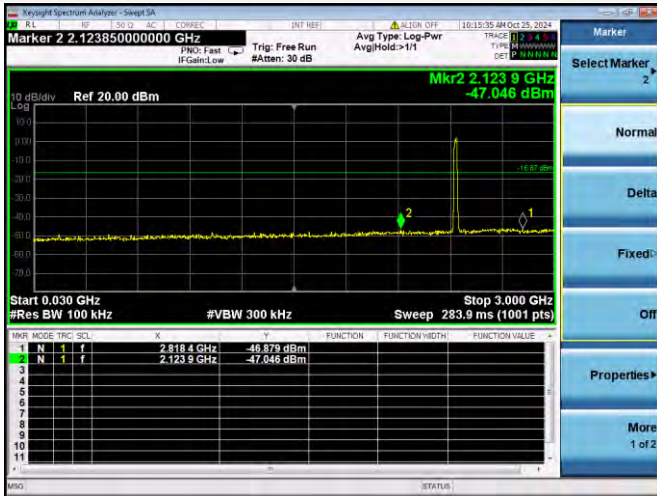
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

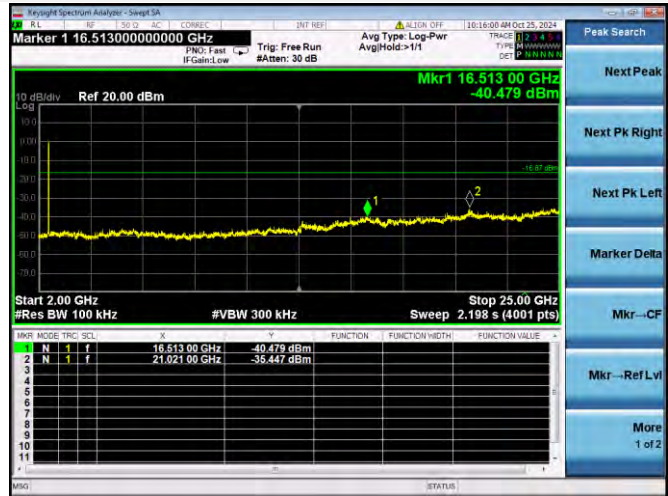
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



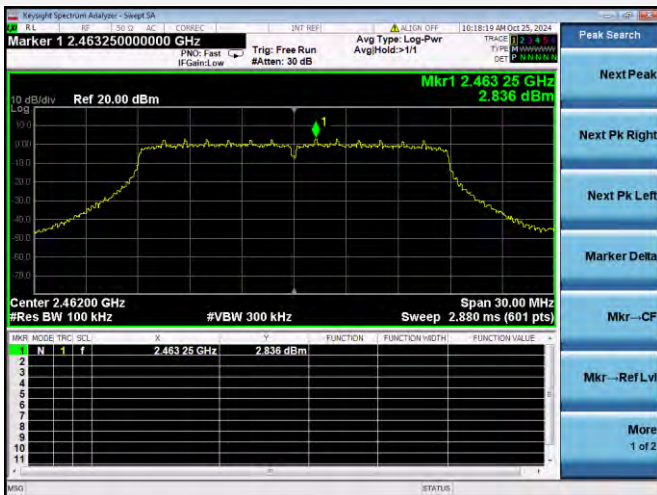
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



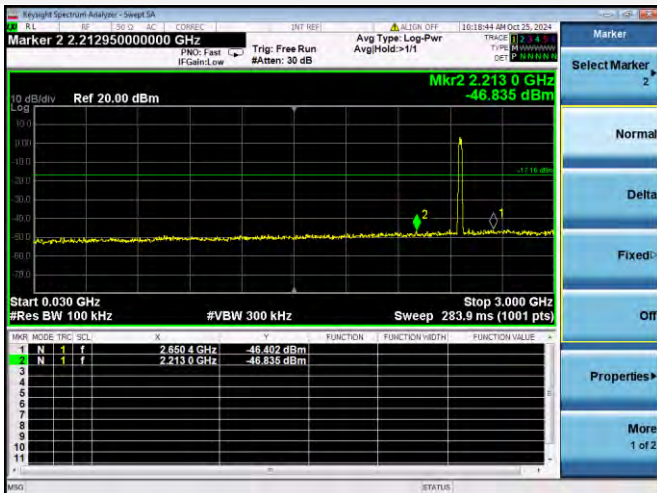
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



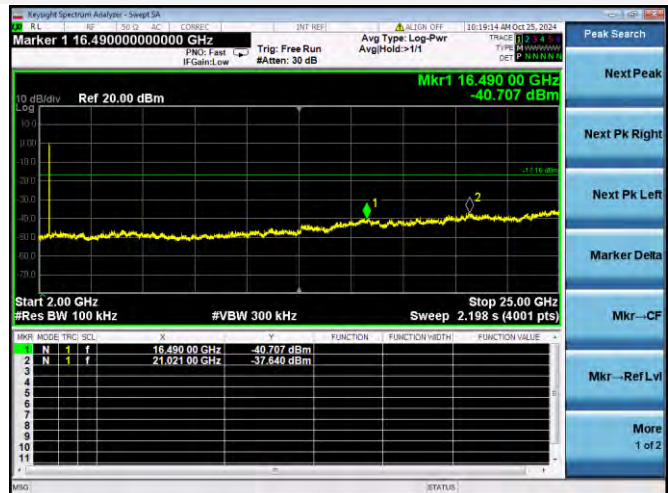
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



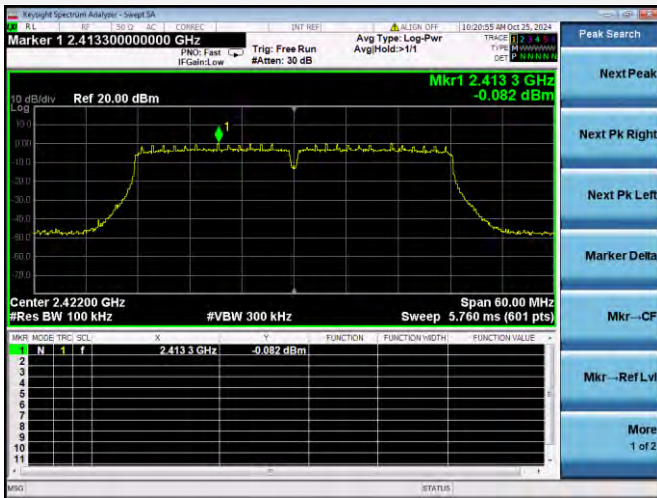
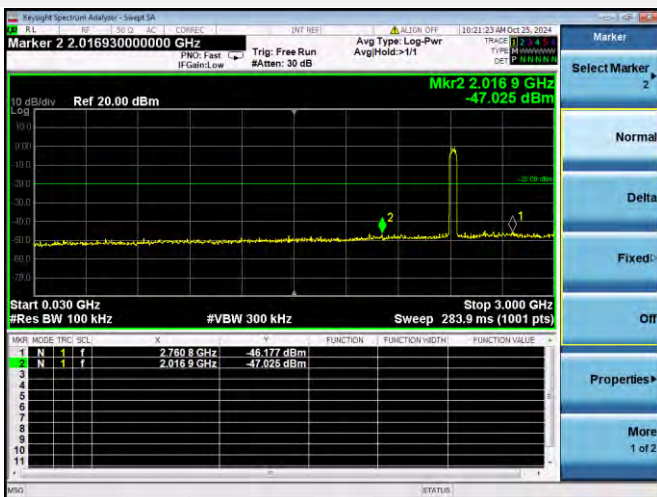
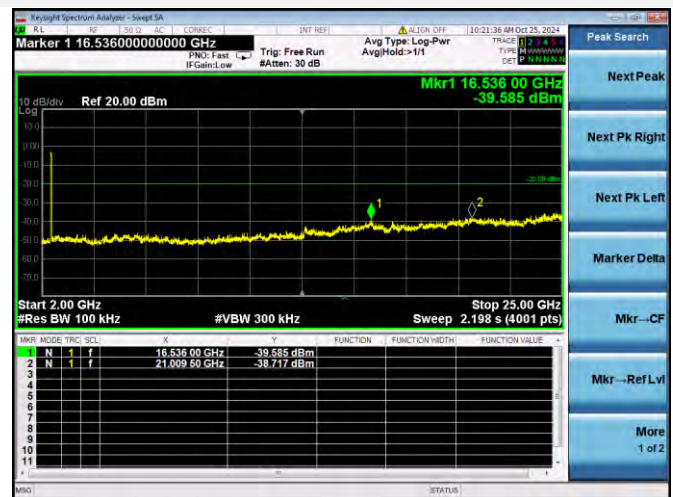
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



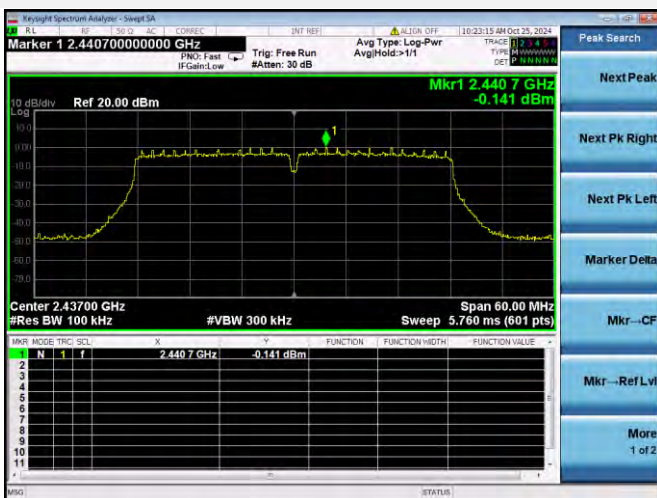
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



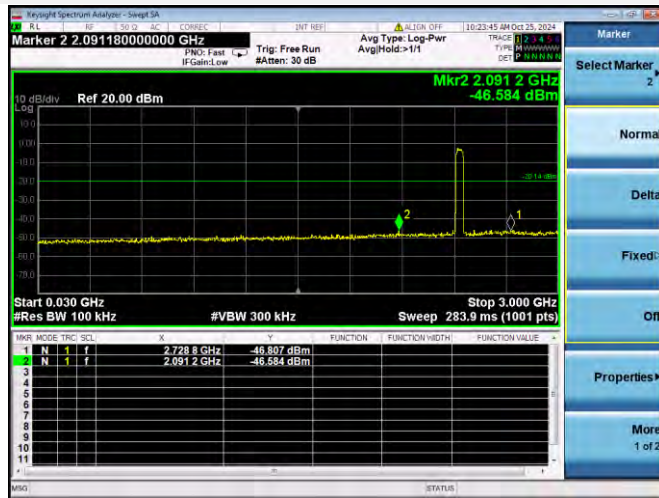
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

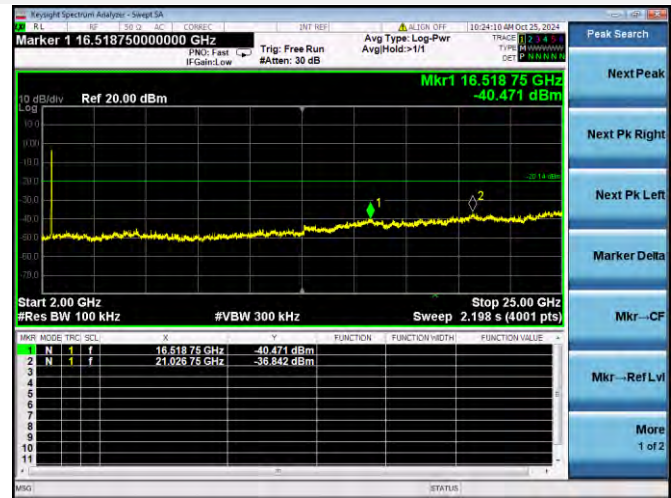
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



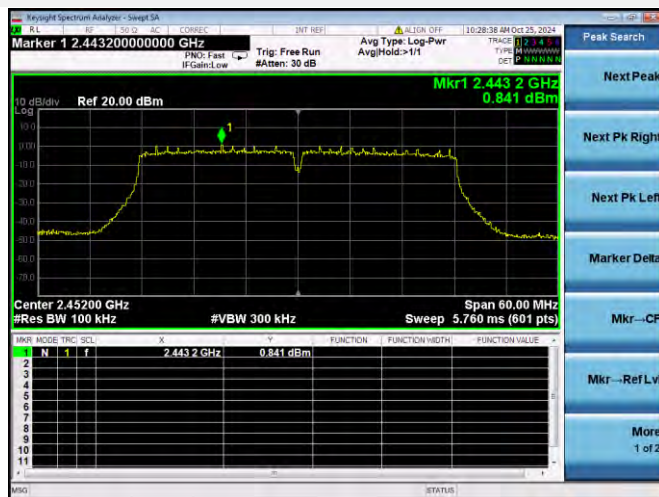
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



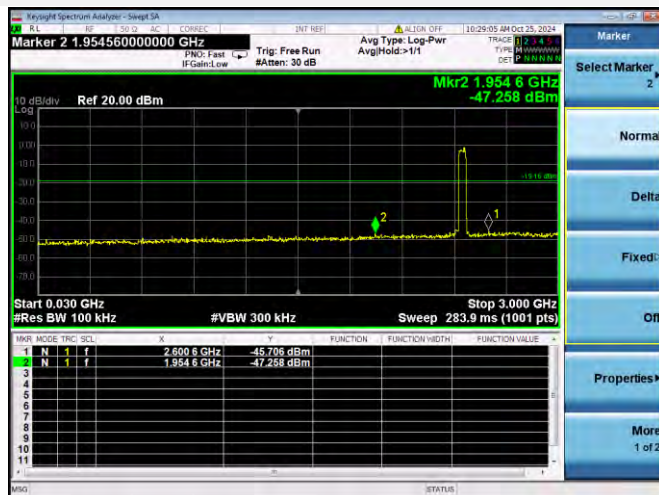
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



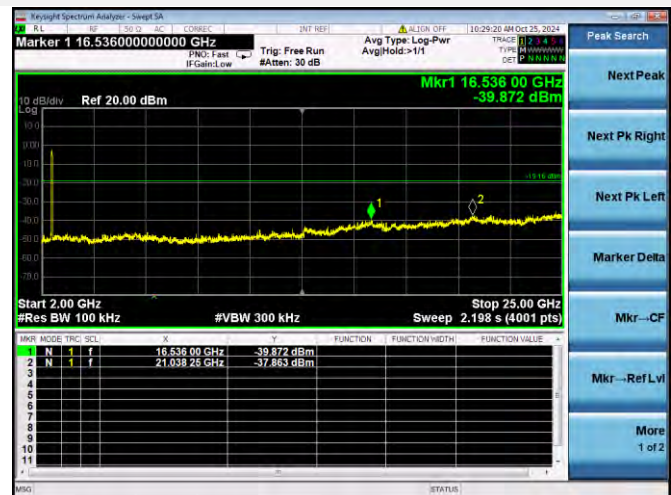
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



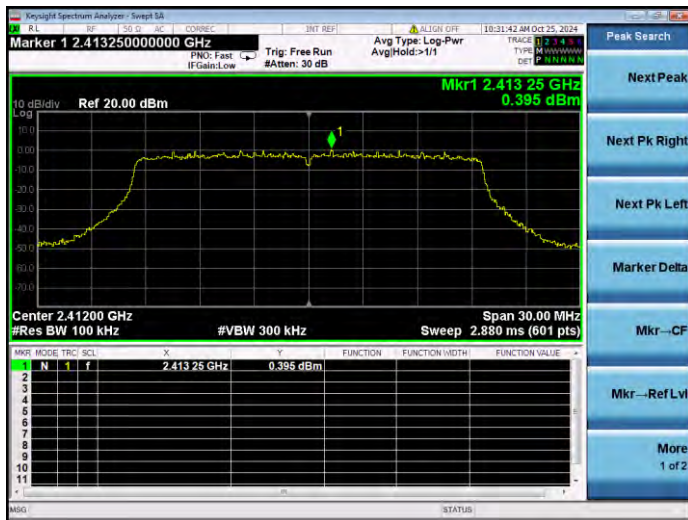
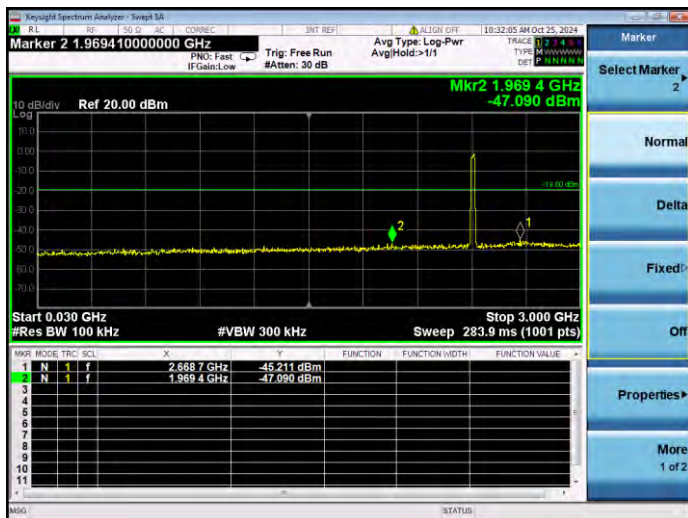
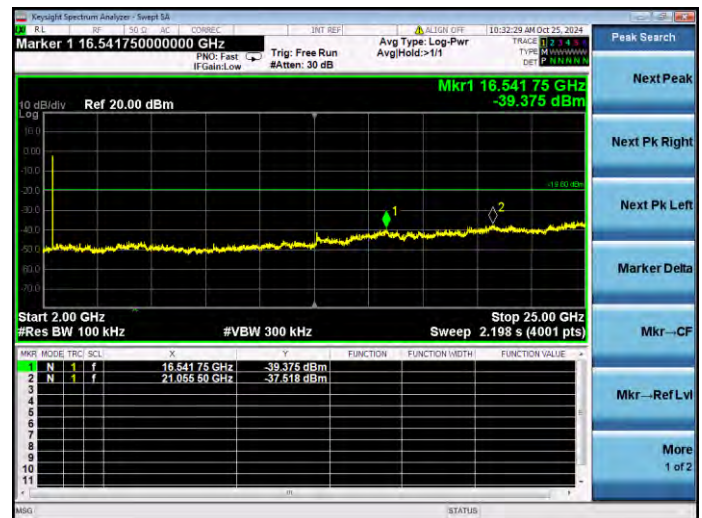
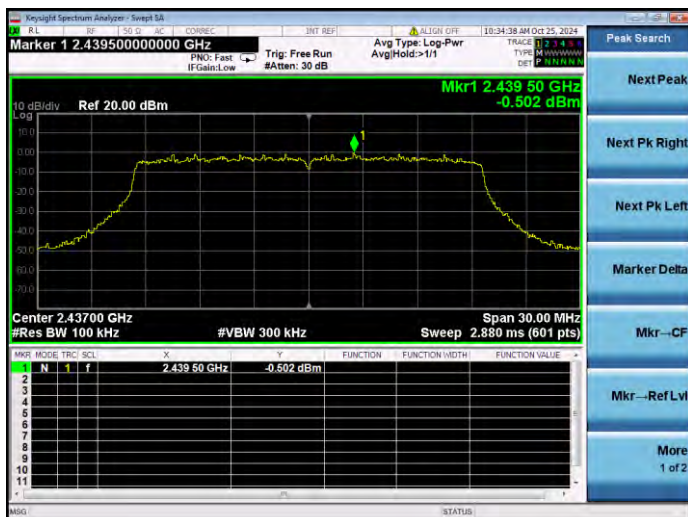
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



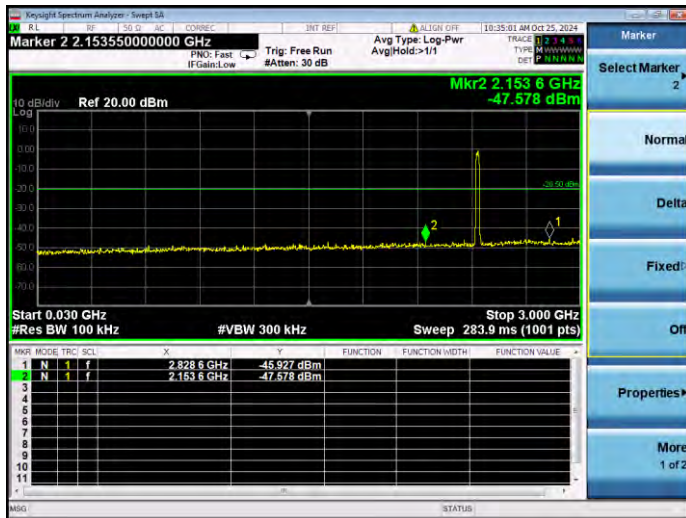
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



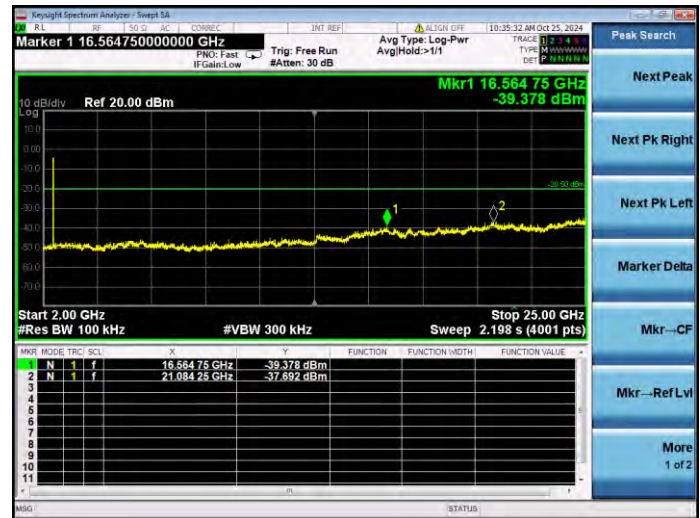
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

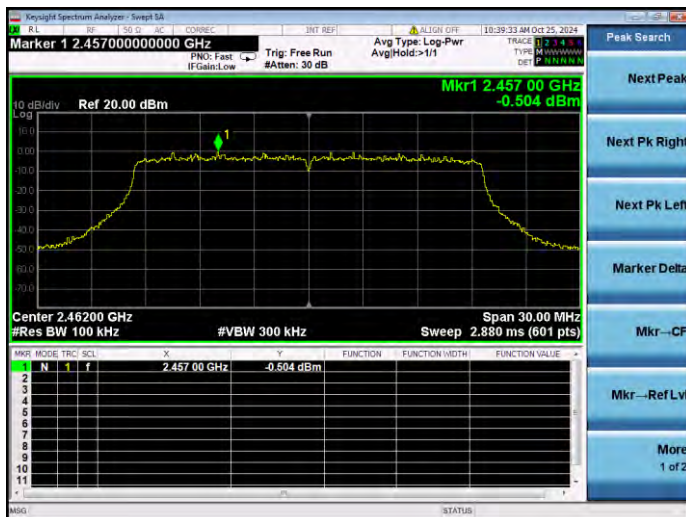
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



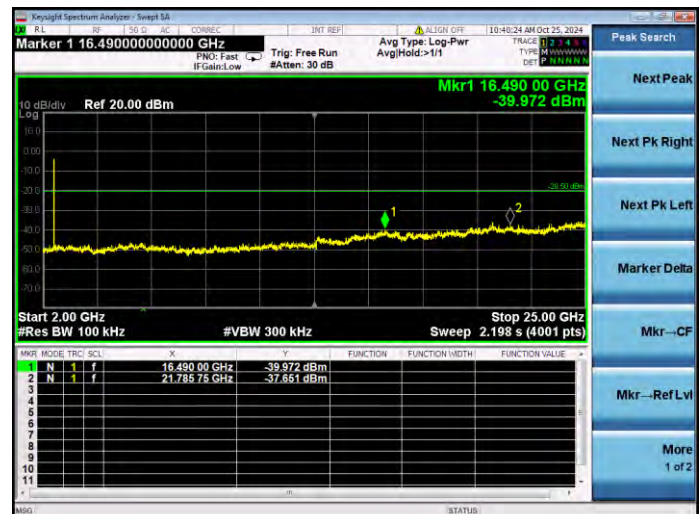
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



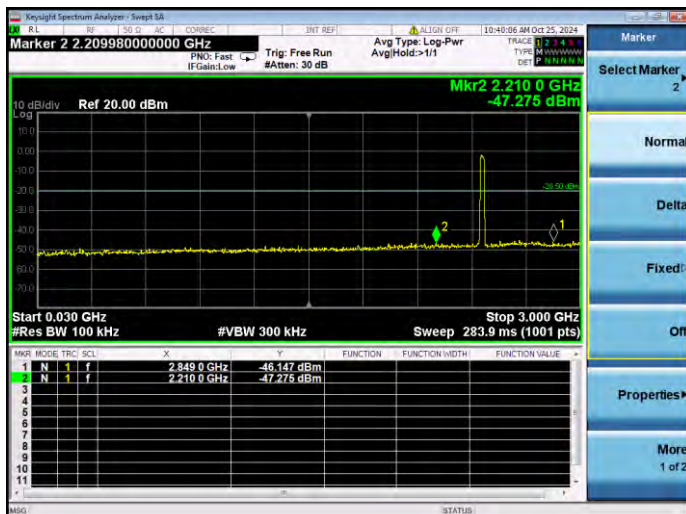
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



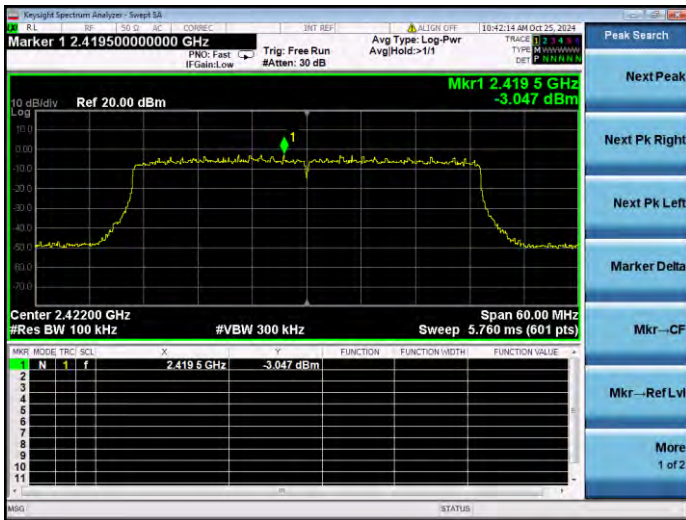
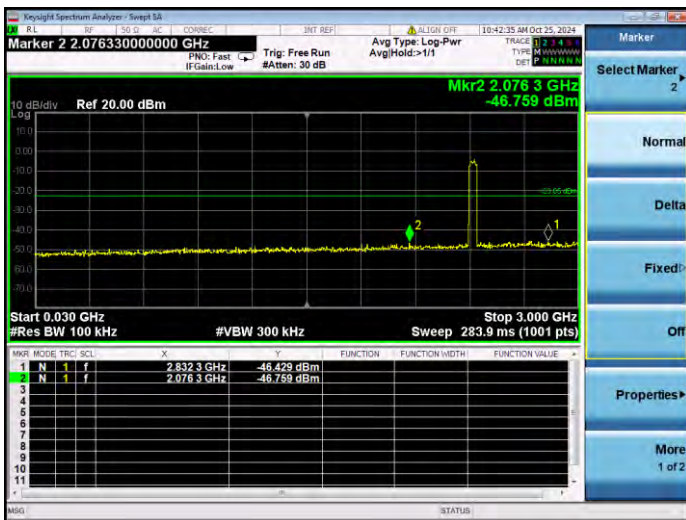
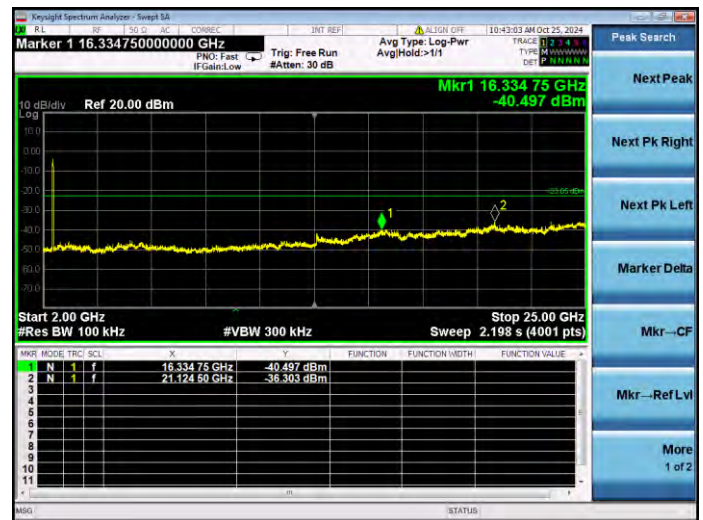
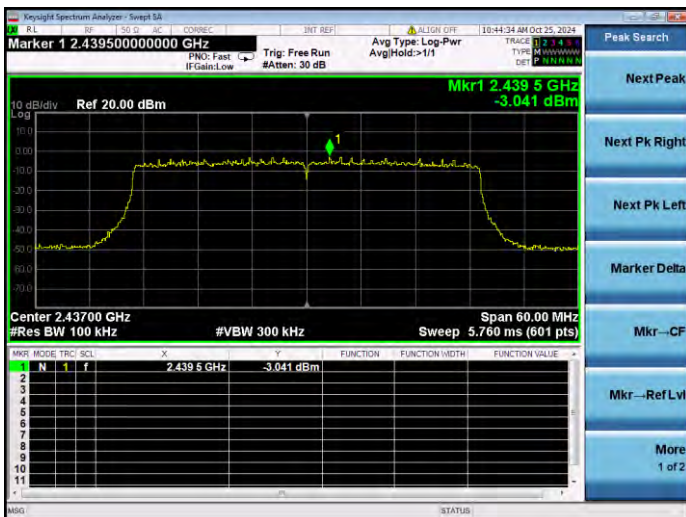
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



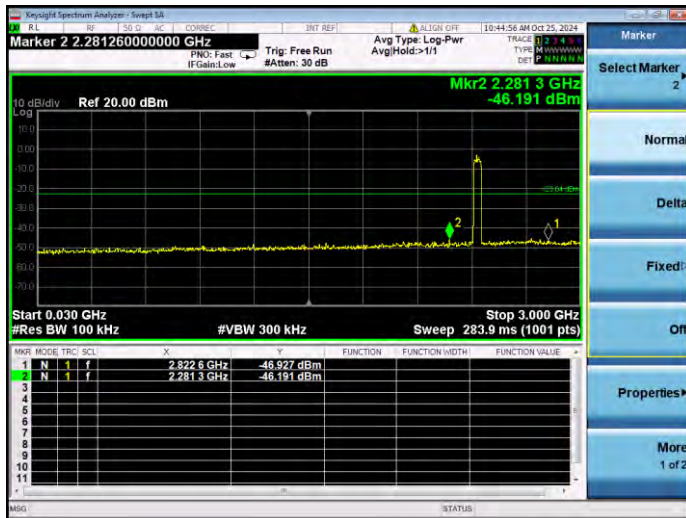
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



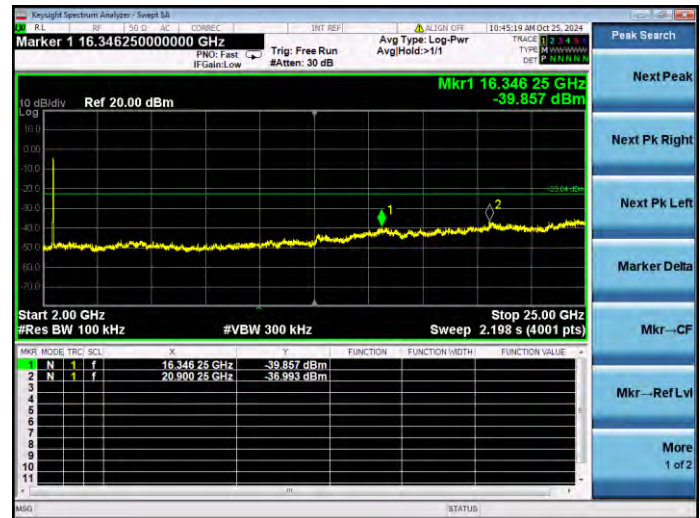
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL

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

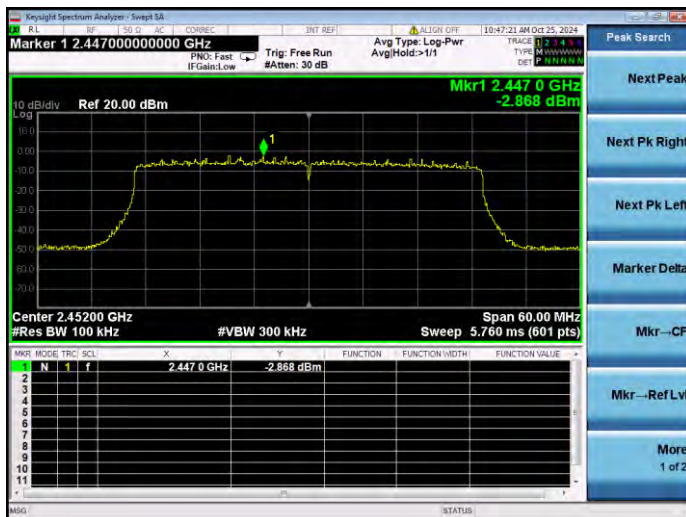
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



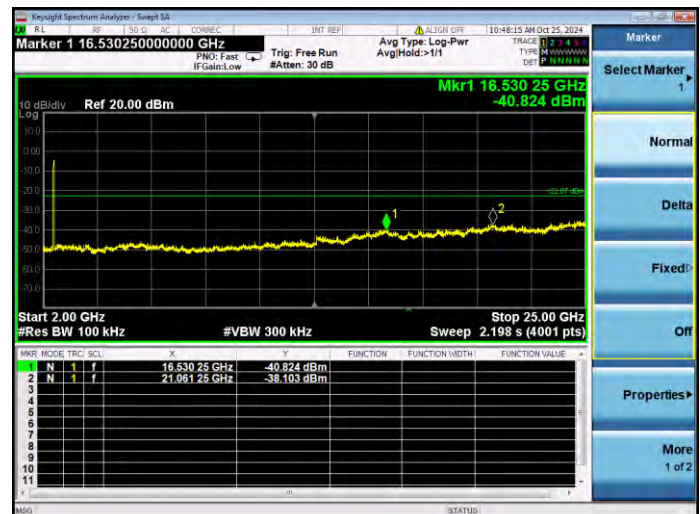
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



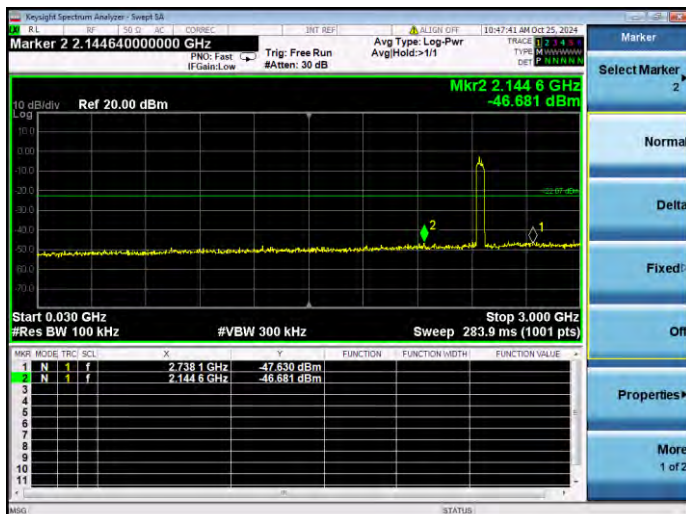
802.11ax-40 MHz(SU) HIGH CHANNEL CARRIER LEVEL



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



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

Test Data

SISO-Antenna 1

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.64	7.95	-12.05	Pass
High Channel	-48.64	9.20	-10.80	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.10	4.19	-15.81	Pass
High Channel	-47.44	3.66	-16.34	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.84	3.07	-16.93	Pass
High Channel	-47.36	2.93	-17.07	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.87	-0.93	-20.93	Pass
High Channel	-47.58	-0.23	-20.23	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	-40.33	-0.77	-20.77	Pass
High Channel	-48.63	-0.18	-20.18	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	-42.30	-3.68	-23.68	Pass
High Channel	-47.89	-3.66	-23.66	Pass

SISO-Antenna 2

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.50	8.85	-11.15	Pass
High Channel	-47.28	8.55	-11.45	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.78	4.62	-15.38	Pass
High Channel	-46.04	4.83	-15.17	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-38.62	2.89	-17.11	Pass
High Channel	-47.13	2.84	-17.16	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.27	-0.08	-20.08	Pass
High Channel	-47.16	0.84	-19.16	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	-41.27	0.40	-19.61	Pass
High Channel	-47.45	-0.50	-20.50	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	-45.22	-3.05	-23.05	Pass
High Channel	-47.90	-2.87	-22.87	Pass

Test Plots

SISO-Antenna 1

802.11b LOW CHANNEL, CARRIER LEVEL



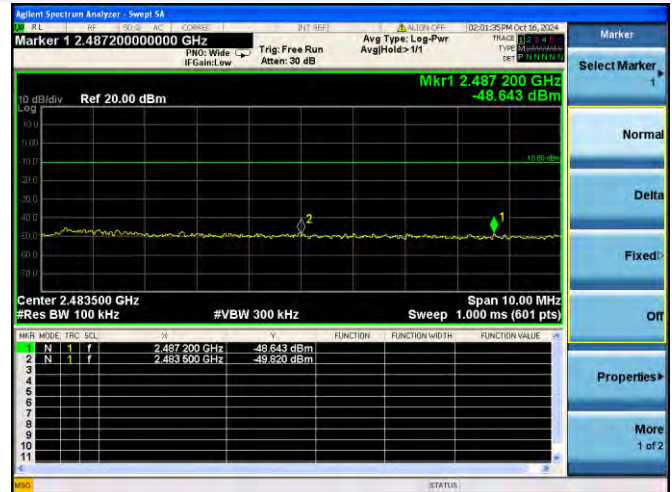
802.11b LOW CHANNEL, BAND EDGE



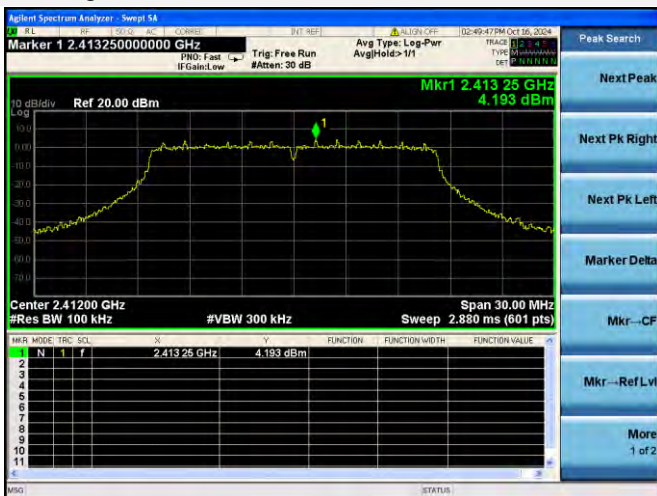
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



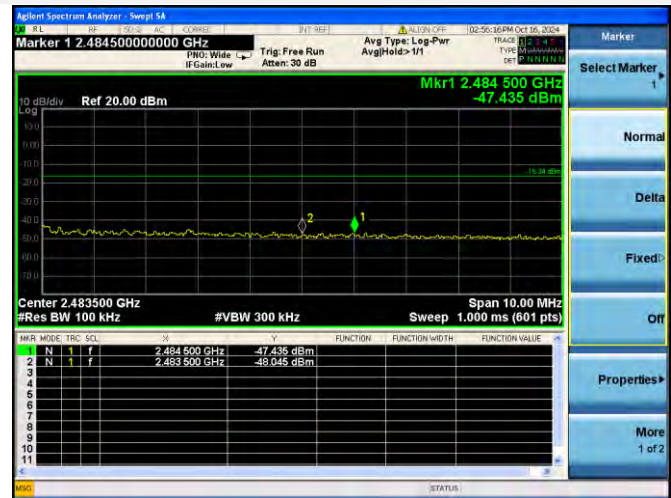
802.11g LOW CHANNEL, BAND EDGE



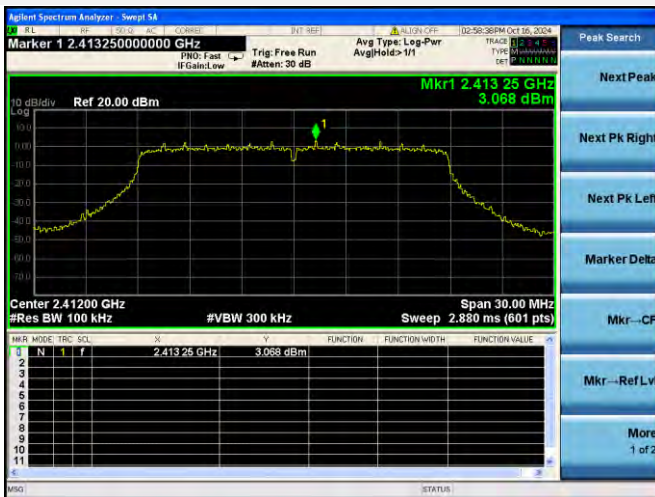
802.11g HIGH CHANNEL, CARRIER LEVEL



802.11g HIGH CHANNEL, BAND EDGE



802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



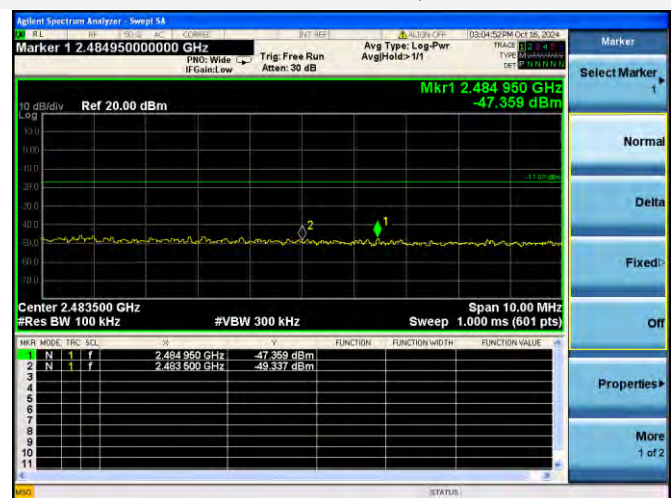
802.11n-20 MHz LOW CHANNEL, BAND EDGE



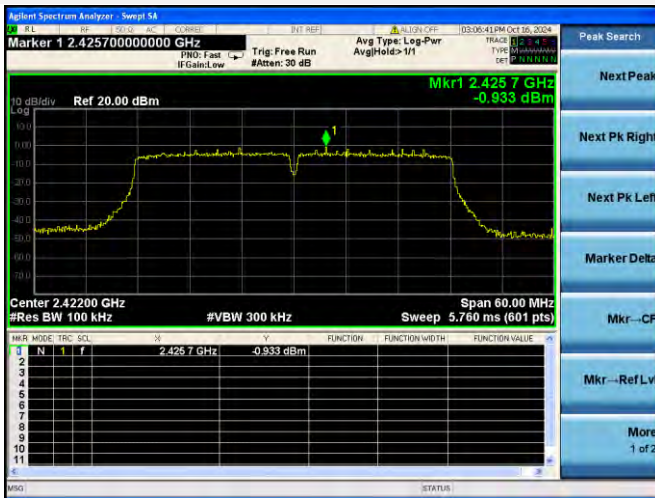
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-20 MHz HIGH CHANNEL, BAND EDGE



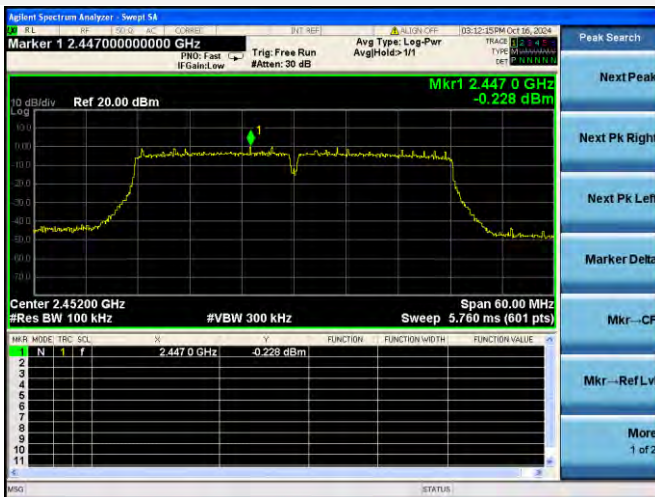
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



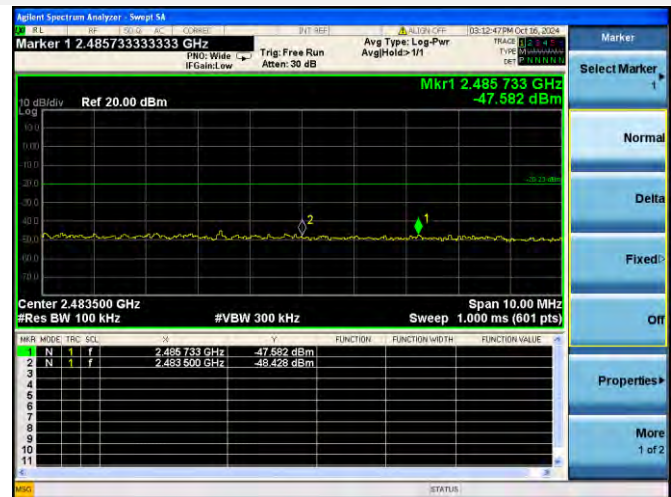
802.11n-40 MHz LOW CHANNEL, BAND EDGE



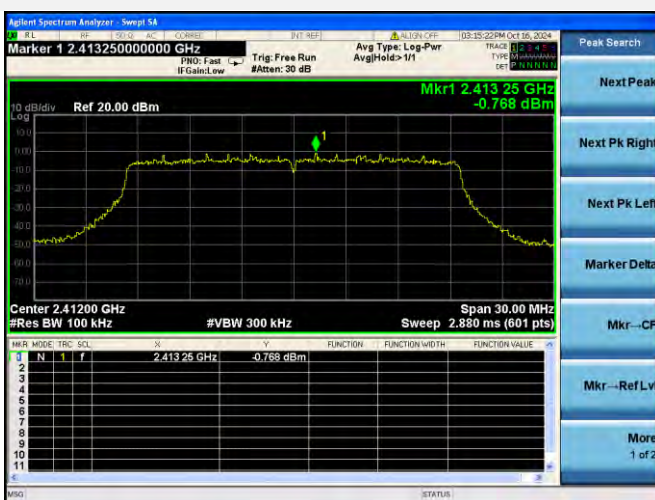
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



802.11n-40 MHz HIGH CHANNEL, BAND EDGE



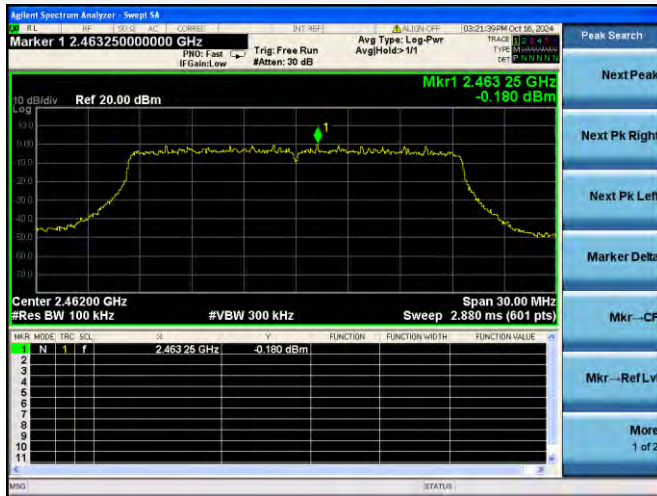
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



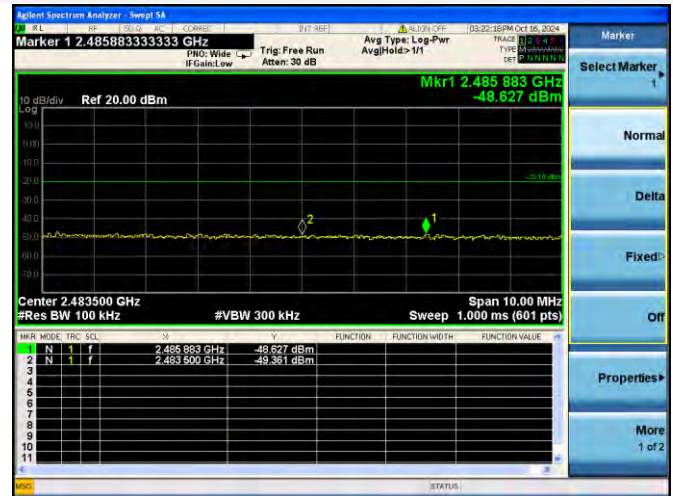
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



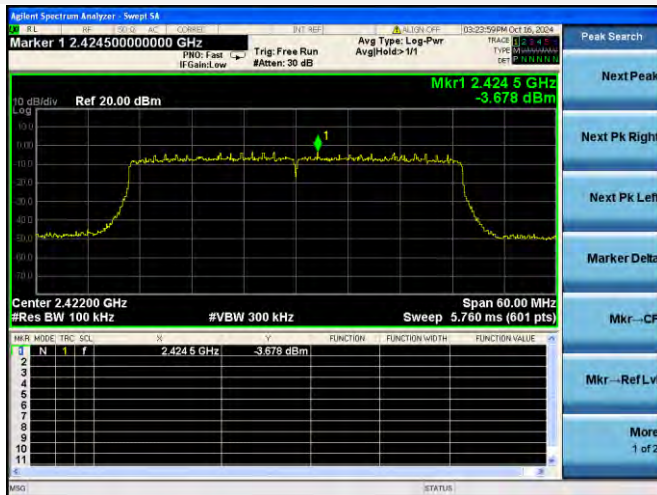
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



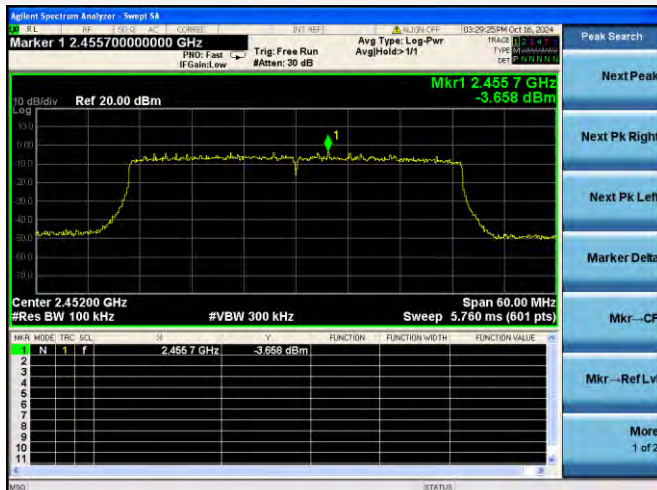
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



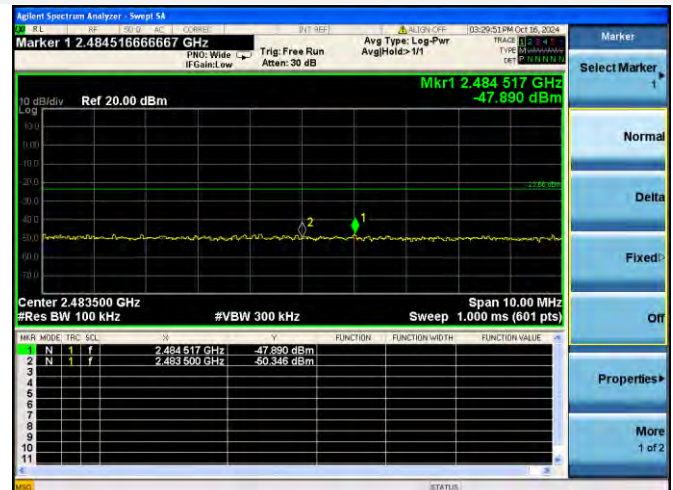
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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



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



SISO-Antenna 2

802.11b LOW CHANNEL, CARRIER LEVEL



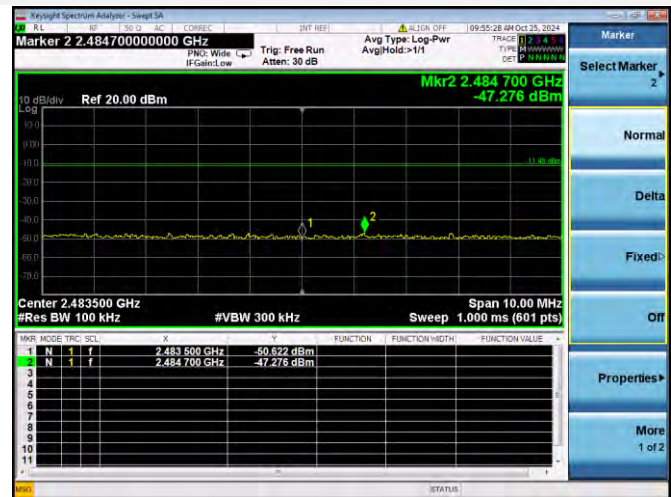
802.11b LOW CHANNEL, BAND EDGE



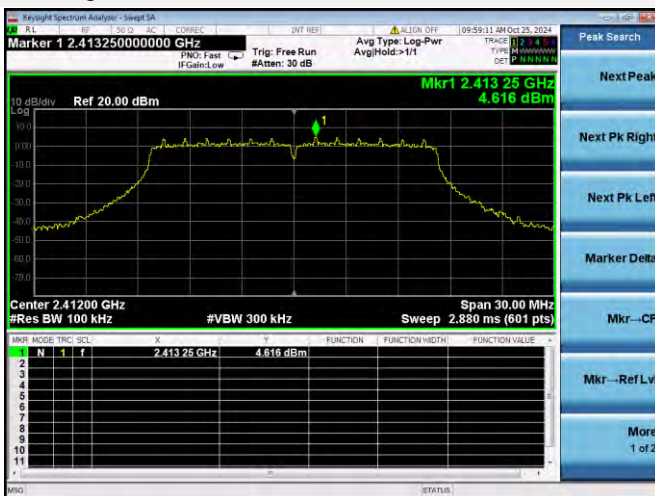
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



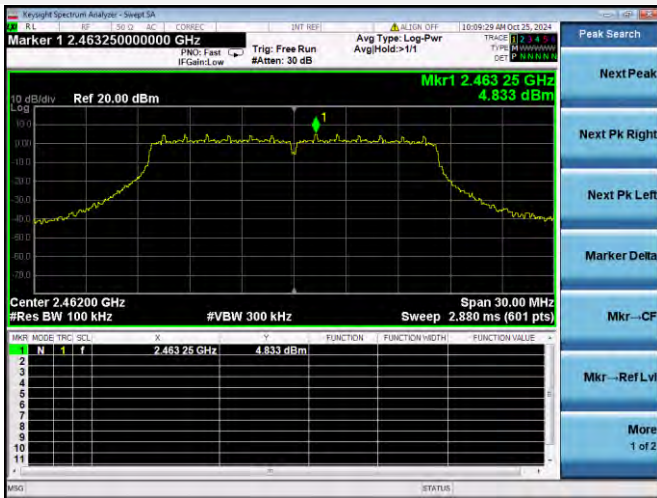
802.11g LOW CHANNEL, CARRIER LEVEL



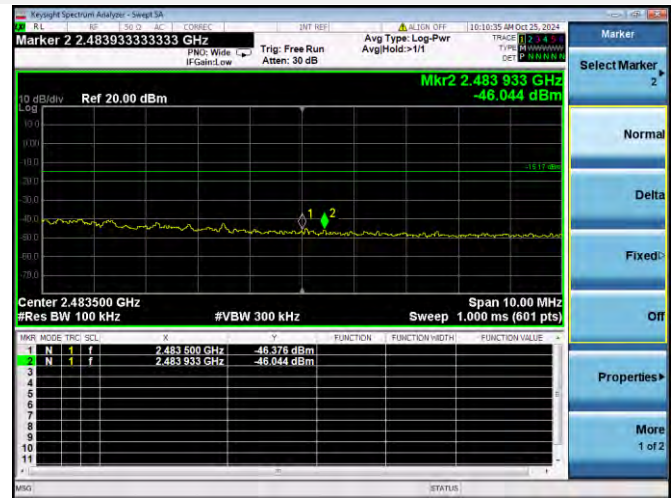
802.11g LOW CHANNEL, BAND EDGE



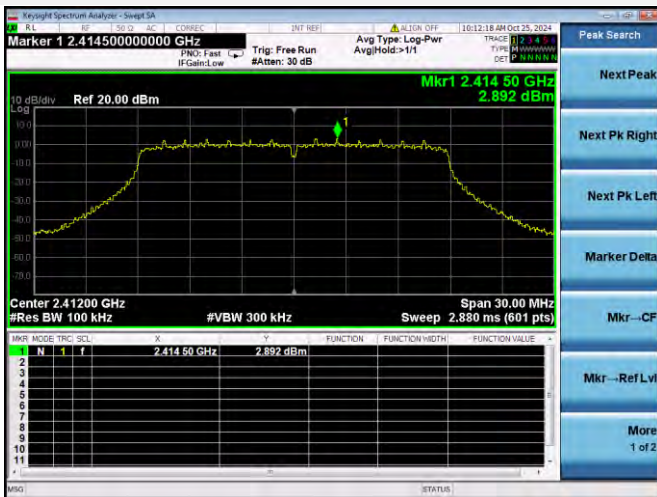
802.11g HIGH CHANNEL, CARRIER LEVEL



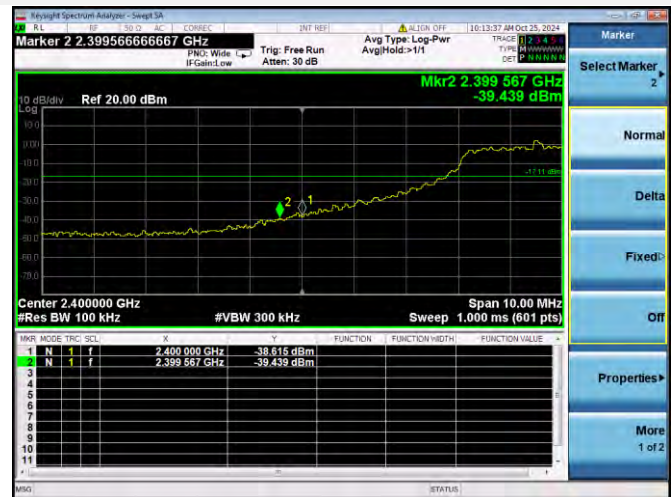
802.11g HIGH CHANNEL, BAND EDGE



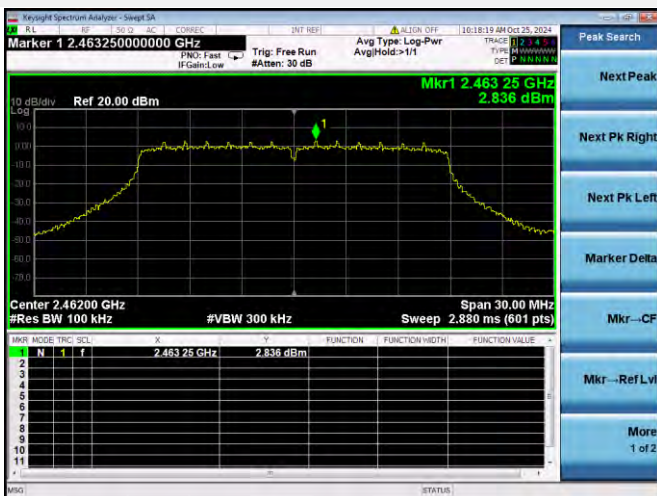
802.11n-20 MHz LOW CHANNEL, CARRIER LEVEL



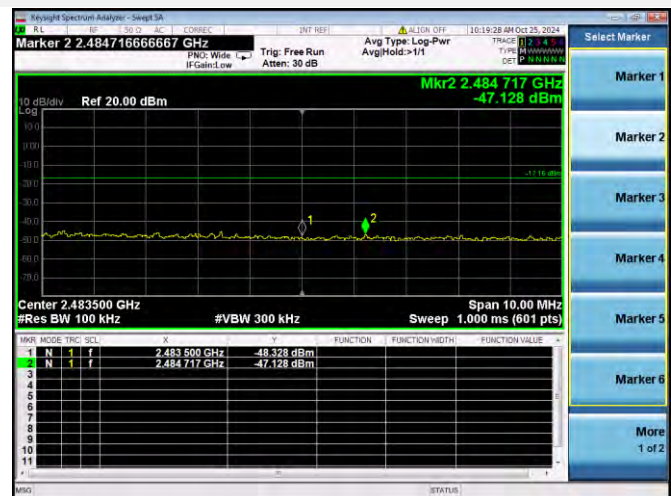
802.11n-20 MHz LOW CHANNEL, BAND EDGE



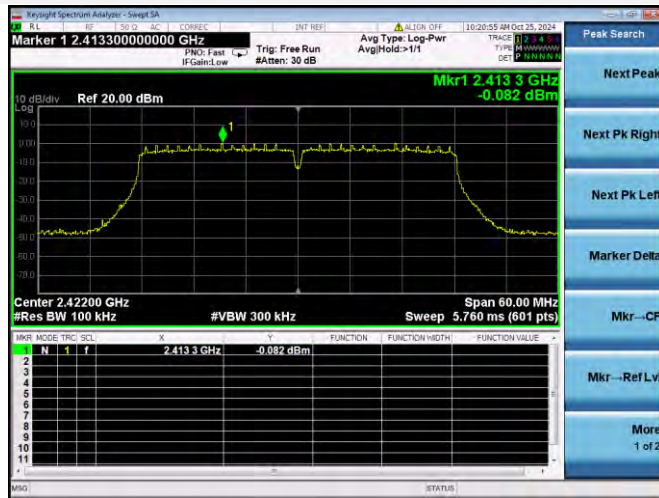
802.11n-20 MHz HIGH CHANNEL, CARRIER LEVEL



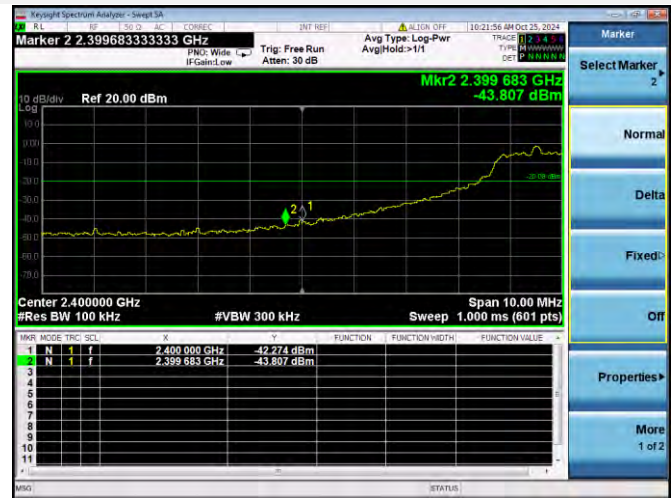
802.11n-20 MHz HIGH CHANNEL, BAND EDGE



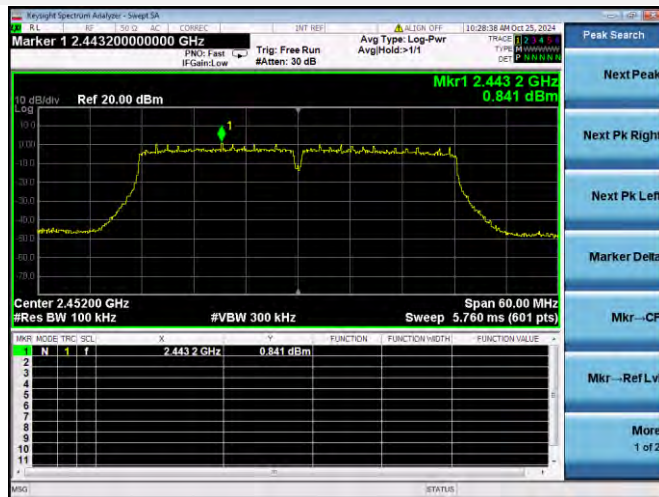
802.11n-40 MHz LOW CHANNEL, CARRIER LEVEL



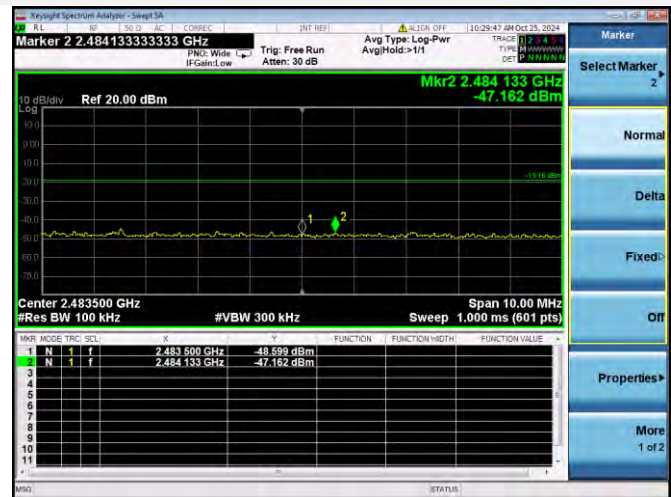
802.11n-40 MHz LOW CHANNEL, BAND EDGE



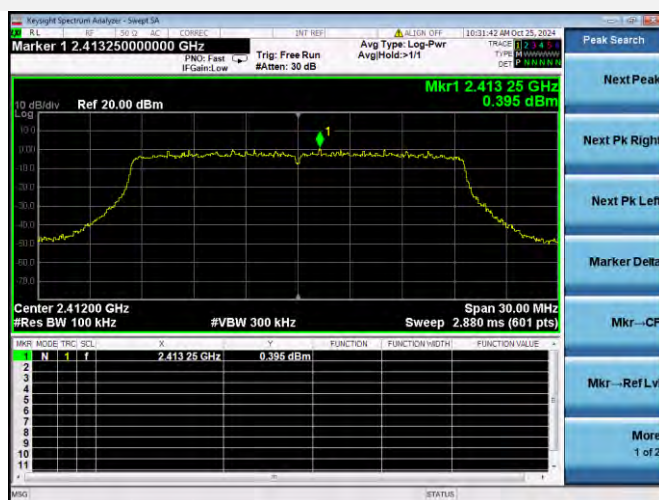
802.11n-40 MHz HIGH CHANNEL, CARRIER LEVEL



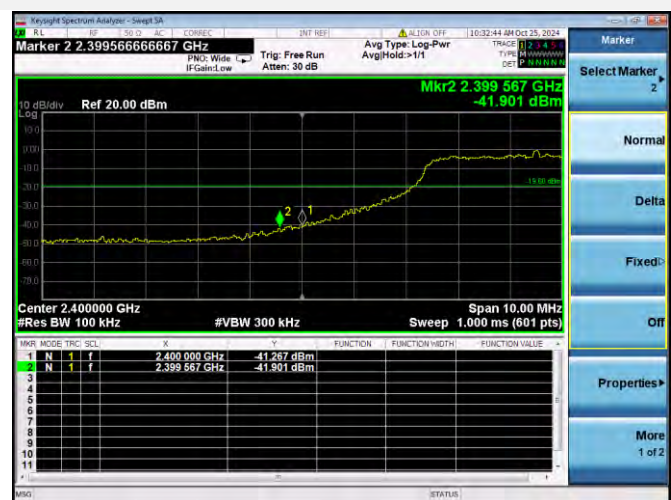
802.11n-40 MHz HIGH CHANNEL, BAND EDGE



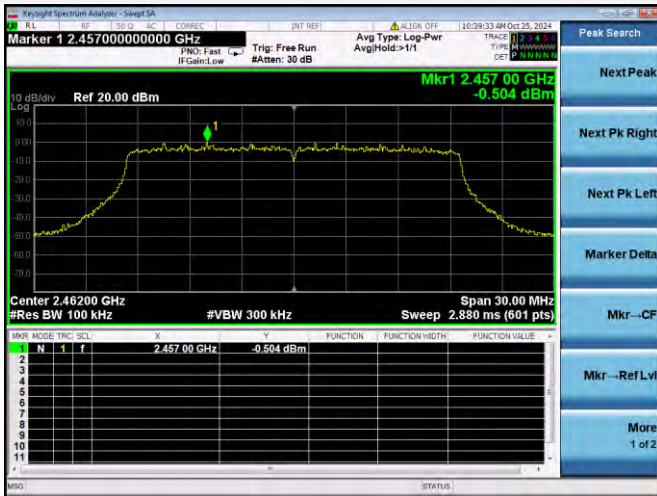
802.11ax-20 MHz(SU) LOW CHANNEL, CARRIER LEVEL



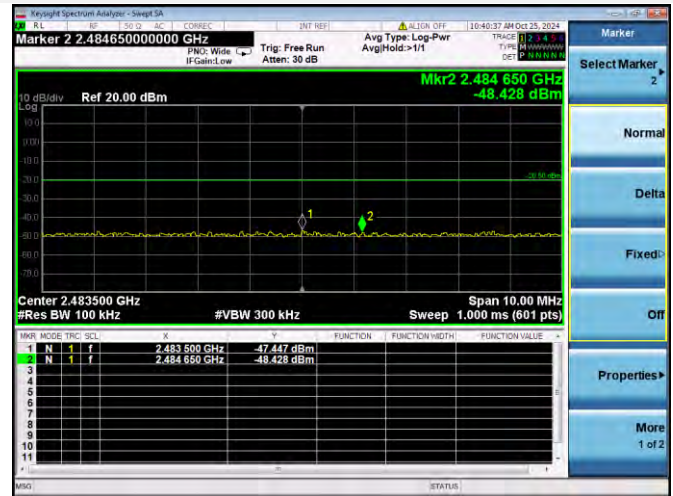
802.11ax-20 MHz(SU) LOW CHANNEL, BAND EDGE



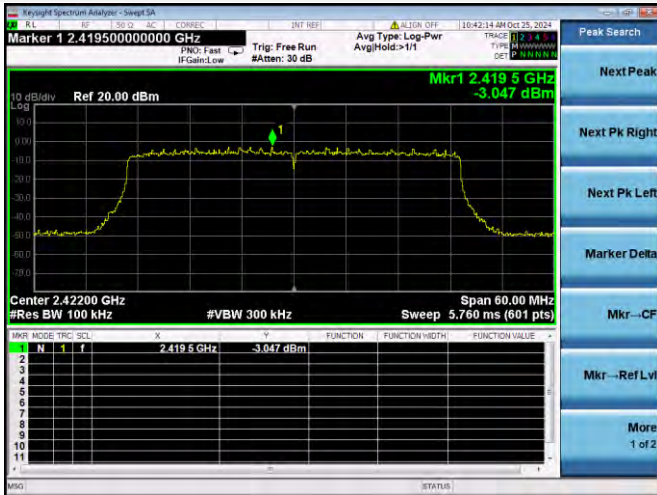
802.11ax-20 MHz(SU) HIGH CHANNEL, CARRIER LEVEL



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



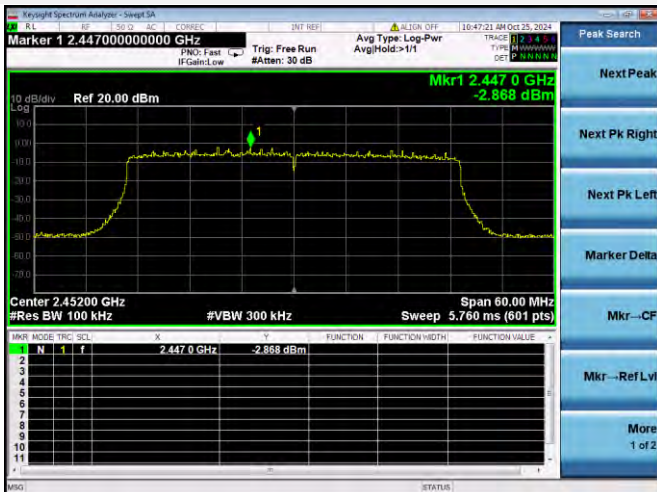
802.11ax-40 MHz(SU) LOW CHANNEL, CARRIER LEVEL



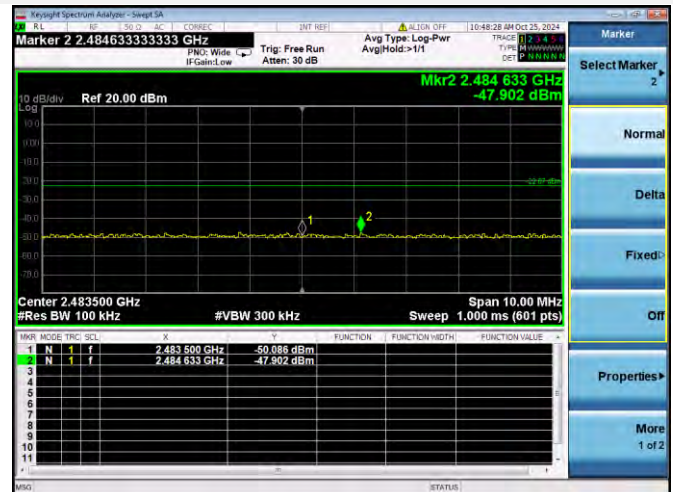
802.11ax-40 MHz(SU) LOW CHANNEL, BAND EDGE



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.

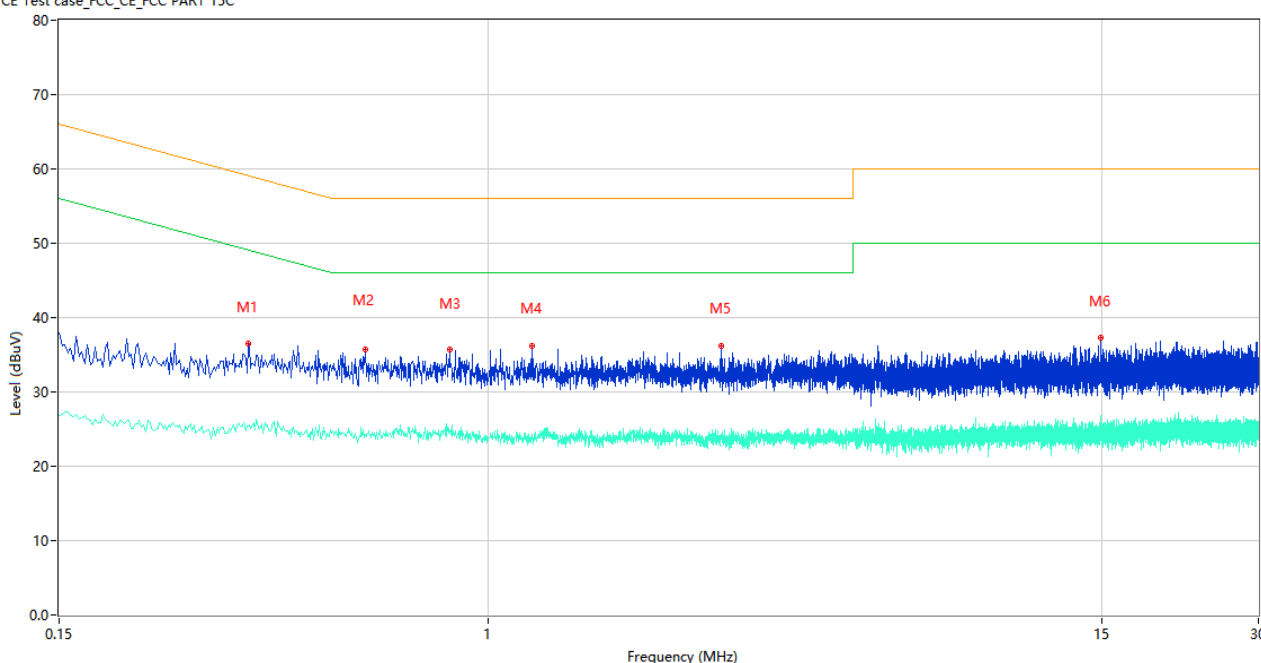
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

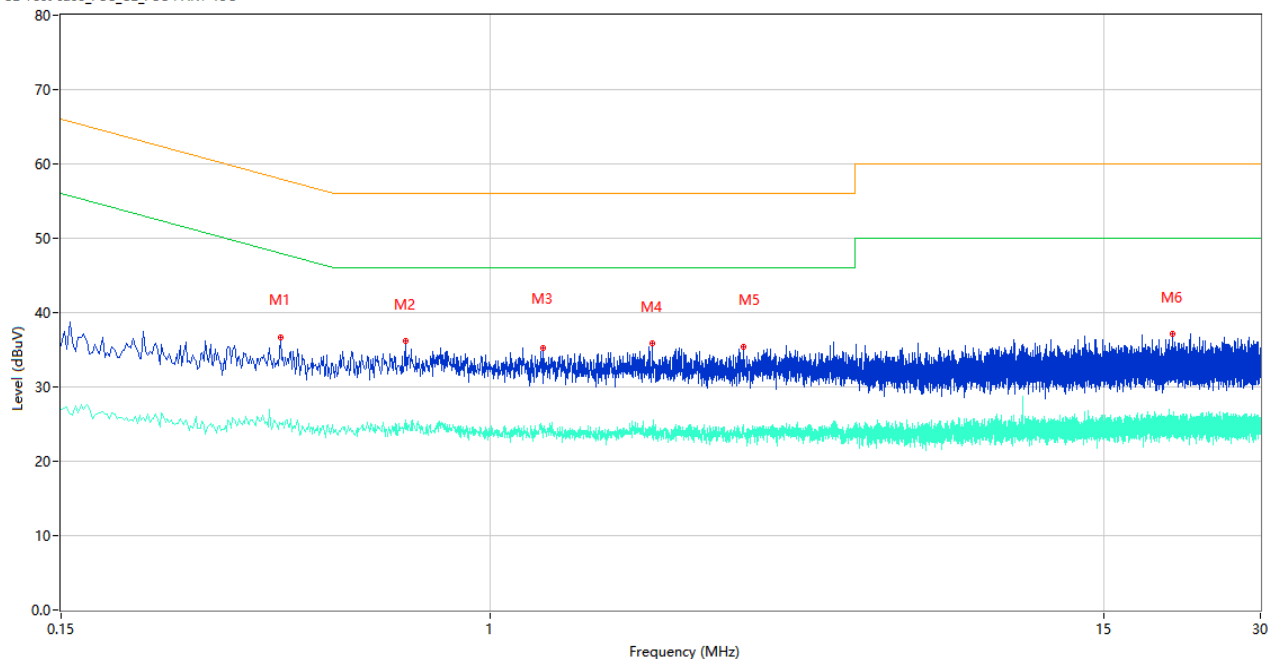
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.346	36.49	10.68	59.06	22.57	Peak	L	Pass
1**	0.346	25.36	10.68	49.06	23.70	AV	L	Pass
2	0.580	35.69	10.11	56.00	20.31	Peak	L	Pass
2**	0.580	24.34	10.11	46.00	21.66	AV	L	Pass
3	0.842	35.74	10.61	56.00	20.26	Peak	L	Pass
3**	0.842	24.84	10.61	46.00	21.16	AV	L	Pass
4	1.210	36.27	10.02	56.00	19.73	Peak	L	Pass
4**	1.210	24.09	10.02	46.00	21.91	AV	L	Pass
5	2.790	36.25	10.36	56.00	19.75	Peak	L	Pass
5**	2.790	24.26	10.36	46.00	21.74	AV	L	Pass
6	14.926	37.23	11.02	60.00	22.77	Peak	L	Pass
6**	14.926	26.79	11.02	50.00	23.21	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	0.396	36.67	10.57	57.94	21.27	Peak	N	Pass
1**	0.396	25.12	10.57	47.94	22.82	AV	N	Pass
2	0.686	36.13	10.54	56.00	19.87	Peak	N	Pass
2**	0.686	25.53	10.54	46.00	20.47	AV	N	Pass
3	1.264	35.17	10.47	56.00	20.83	Peak	N	Pass
3**	1.264	24.18	10.47	46.00	21.82	AV	N	Pass
4	2.046	35.80	10.49	56.00	20.20	Peak	N	Pass
4**	2.046	24.80	10.49	46.00	21.20	AV	N	Pass
5	3.054	35.34	10.06	56.00	20.66	Peak	N	Pass
5**	3.054	24.60	10.06	46.00	21.40	AV	N	Pass
6	20.368	37.12	10.84	60.00	22.88	Peak	N	Pass
6**	20.368	25.55	10.84	50.00	24.45	AV	N	Pass

A.6 Radiated Emission

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

Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, 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.

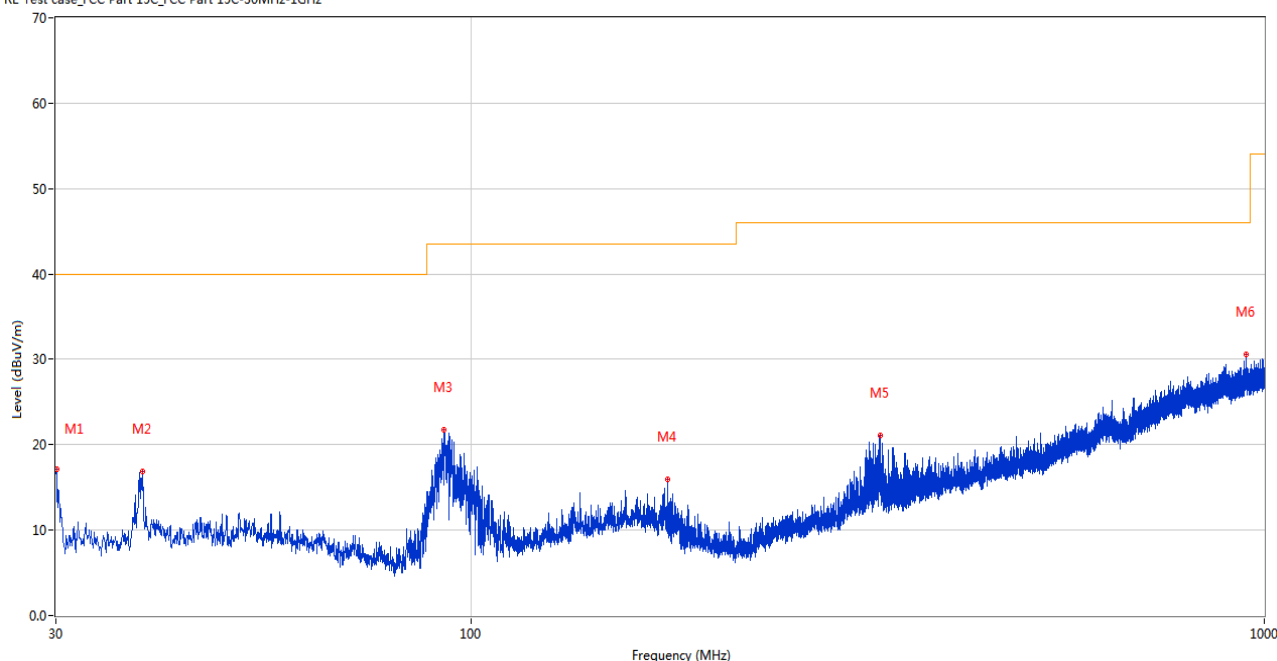
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

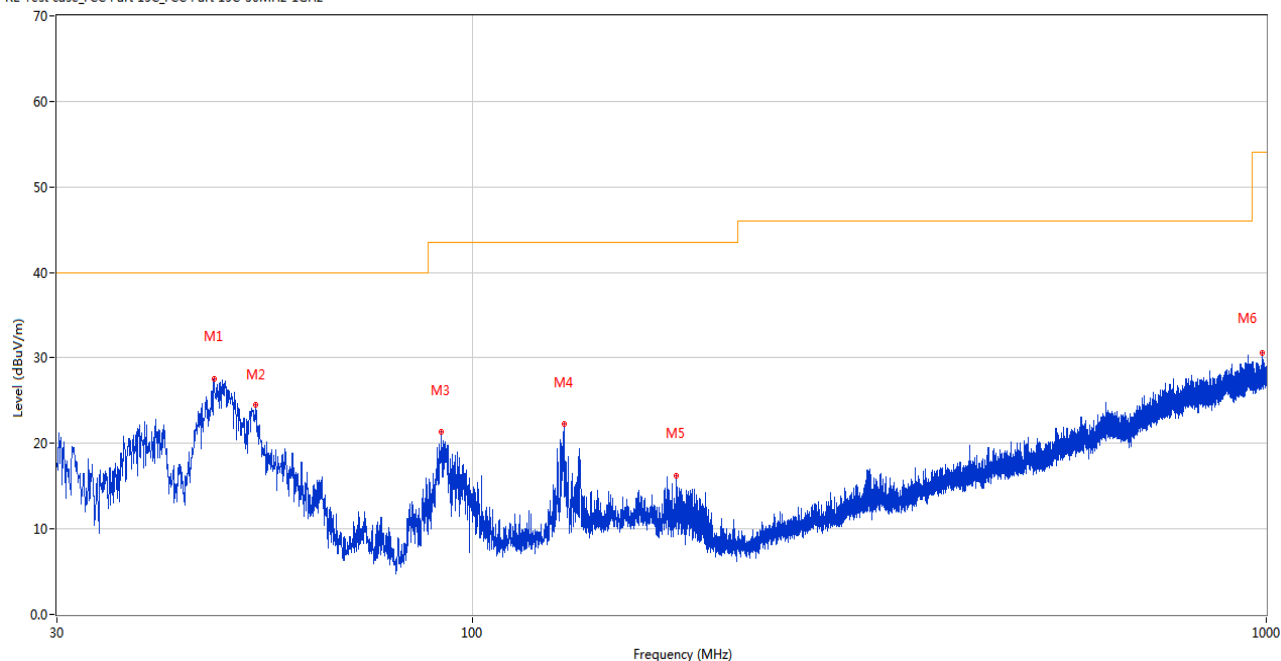
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.049	17.14	-27.72	40.0	22.86	Peak	117.00	200	Horizontal	Pass
2	38.633	16.86	-26.81	40.0	23.14	Peak	232.00	100	Horizontal	Pass
3	92.565	21.81	-30.34	43.5	21.69	Peak	184.00	200	Horizontal	Pass
4	176.906	16.01	-26.68	43.5	27.49	Peak	202.00	200	Horizontal	Pass
5	328.323	21.15	-23.47	46.0	24.85	Peak	250.00	100	Horizontal	Pass
6	947.571	30.60	-10.00	46.0	15.40	Peak	104.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.363	27.55	-26.68	40.0	12.45	Peak	227.00	100	Vertical	Pass
2	53.377	24.49	-26.83	40.0	15.51	Peak	320.00	100	Vertical	Pass
3	91.547	21.30	-30.26	43.5	22.20	Peak	238.00	100	Vertical	Pass
4	130.492	22.21	-27.37	43.5	21.29	Peak	112.00	100	Vertical	Pass
5	180.932	16.27	-27.62	43.5	27.23	Peak	360.00	100	Vertical	Pass
6	987.536	30.53	-9.79	54.0	23.47	Peak	42.00	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.

Note ⁴: All the configurations were pre tested, only the worst configuration has been reported in this report.

MIMO

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	1332.742	45.48	74.0	28.52	Peak	131.00	400	Horizontal	Pass
1**	1332.742	36.33	54.0	17.67	AV	131.00	400	Horizontal	Pass
2	2995.440	47.60	74.0	26.40	Peak	125.00	200	Horizontal	Pass
2**	2995.440	43.40	54.0	10.60	AV	125.00	200	Horizontal	Pass
3	4932.237	50.37	74.0	23.63	Peak	71.00	200	Horizontal	Pass
3**	4932.237	39.69	54.0	14.31	AV	71.00	200	Horizontal	Pass
4	6810.232	54.41	74.0	19.59	Peak	259.00	300	Horizontal	Pass
4**	6810.232	46.17	54.0	7.83	AV	259.00	300	Horizontal	Pass
5	13410.505	54.40	74.0	19.60	Peak	19.00	200	Horizontal	Pass
5**	13410.505	45.24	54.0	8.76	AV	19.00	200	Horizontal	Pass
6	17423.229	53.74	74.0	20.26	Peak	94.00	100	Horizontal	Pass
6**	17423.229	49.02	54.0	4.98	AV	94.00	100	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	1333.349	44.18	74.0	29.82	Peak	212.00	200	Vertical	Pass
1**	1333.349	39.71	54.0	14.29	AV	212.00	200	Vertical	Pass
2	2982.472	53.14	74.0	20.86	Peak	260.00	100	Vertical	Pass
2**	2982.472	42.57	54.0	11.43	AV	260.00	100	Vertical	Pass
3	4854.747	49.16	74.0	24.84	Peak	182.00	200	Vertical	Pass
3**	4854.747	39.34	54.0	14.66	AV	182.00	200	Vertical	Pass
4	6609.347	55.03	74.0	18.97	Peak	313.00	300	Vertical	Pass
4**	6609.347	47.01	54.0	6.99	AV	313.00	300	Vertical	Pass
5	13437.648	57.71	74.0	16.29	Peak	293.00	400	Vertical	Pass
5**	13437.648	49.05	54.0	4.95	AV	293.00	400	Vertical	Pass
6	17420.945	59.59	74.0	14.41	Peak	222.00	300	Vertical	Pass
6**	17420.945	46.99	54.0	7.01	AV	222.00	300	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	1331.413	45.87	74.0	28.13	Peak	204.00	400	Horizontal	Pass
1**	1331.413	39.39	54.0	14.61	AV	204.00	400	Horizontal	Pass
2	2999.392	49.57	74.0	24.43	Peak	329.00	300	Horizontal	Pass
2**	2999.392	43.71	54.0	10.29	AV	329.00	300	Horizontal	Pass
3	4930.421	54.36	74.0	19.64	Peak	301.00	200	Horizontal	Pass
3**	4930.421	40.63	54.0	13.37	AV	301.00	200	Horizontal	Pass
4	6809.740	56.06	74.0	17.94	Peak	161.00	100	Horizontal	Pass
4**	6809.740	42.69	54.0	11.31	AV	161.00	100	Horizontal	Pass
5	13413.303	57.46	74.0	16.54	Peak	90.00	400	Horizontal	Pass
5**	13413.303	44.27	54.0	9.73	AV	90.00	400	Horizontal	Pass
6	17425.791	54.21	74.0	19.79	Peak	281.00	100	Horizontal	Pass
6**	17425.791	45.03	54.0	8.97	AV	281.00	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	1334.282	47.18	74.0	26.82	Peak	109.00	100	Vertical	Pass
1**	1334.282	36.26	54.0	17.74	AV	109.00	100	Vertical	Pass
2	2980.698	50.73	74.0	23.27	Peak	165.00	300	Vertical	Pass
2**	2980.698	41.91	54.0	12.09	AV	165.00	300	Vertical	Pass
3	4854.717	48.12	74.0	25.88	Peak	185.00	200	Vertical	Pass
3**	4854.717	39.47	54.0	14.53	AV	185.00	200	Vertical	Pass
4	6611.054	53.60	74.0	20.40	Peak	303.00	300	Vertical	Pass
4**	6611.054	43.21	54.0	10.79	AV	303.00	300	Vertical	Pass
5	13434.434	52.72	74.0	21.28	Peak	334.00	200	Vertical	Pass
5**	13434.434	45.42	54.0	8.58	AV	334.00	200	Vertical	Pass
6	17417.385	57.81	74.0	16.19	Peak	273.00	100	Vertical	Pass
6**	17417.385	45.26	54.0	8.74	AV	273.00	100	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	1330.682	42.57	74.0	31.43	Peak	201.00	300	Horizontal	Pass
1**	1330.682	33.99	54.0	20.01	AV	201.00	300	Horizontal	Pass
2	2997.958	52.92	74.0	21.08	Peak	198.00	400	Horizontal	Pass
2**	2997.958	43.98	54.0	10.02	AV	198.00	400	Horizontal	Pass
3	4930.926	53.13	74.0	20.87	Peak	154.00	200	Horizontal	Pass
3**	4930.926	43.27	54.0	10.73	AV	154.00	200	Horizontal	Pass
4	6809.283	54.50	74.0	19.50	Peak	101.00	200	Horizontal	Pass
4**	6809.283	46.39	54.0	7.61	AV	101.00	200	Horizontal	Pass
5	13411.995	55.22	74.0	18.78	Peak	248.00	300	Horizontal	Pass
5**	13411.995	44.47	54.0	9.53	AV	248.00	300	Horizontal	Pass
6	17427.286	56.15	74.0	17.85	Peak	97.00	300	Horizontal	Pass
6**	17427.286	48.36	54.0	5.64	AV	97.00	300	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	1331.244	42.78	74.0	31.22	Peak	241.00	100	Vertical	Pass
1**	1331.244	36.97	54.0	17.03	AV	241.00	100	Vertical	Pass
2	2981.734	50.16	74.0	23.84	Peak	248.00	400	Vertical	Pass
2**	2981.734	38.82	54.0	15.18	AV	248.00	400	Vertical	Pass
3	4850.360	47.40	74.0	26.60	Peak	348.00	200	Vertical	Pass
3**	4850.360	38.84	54.0	15.16	AV	348.00	200	Vertical	Pass
4	6608.627	54.86	74.0	19.14	Peak	14.00	200	Vertical	Pass
4**	6608.627	42.47	54.0	11.53	AV	14.00	200	Vertical	Pass
5	13434.106	57.84	74.0	16.16	Peak	43.00	300	Vertical	Pass
5**	13434.106	46.45	54.0	7.55	AV	43.00	300	Vertical	Pass
6	17415.243	56.45	74.0	17.55	Peak	218.00	400	Vertical	Pass
6**	17415.243	47.57	54.0	6.43	AV	218.00	400	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	1326.936	46.41	74.0	27.59	Peak	268.00	100	Horizontal	Pass
1**	1326.936	36.99	54.0	17.01	AV	268.00	100	Horizontal	Pass
2	2992.760	50.97	74.0	23.03	Peak	114.00	300	Horizontal	Pass
2**	2992.760	38.56	54.0	15.44	AV	114.00	300	Horizontal	Pass
3	4930.967	54.28	74.0	19.72	Peak	325.00	200	Horizontal	Pass
3**	4930.967	42.44	54.0	11.56	AV	325.00	200	Horizontal	Pass
4	6805.335	55.04	74.0	18.96	Peak	157.00	400	Horizontal	Pass
4**	6805.335	43.98	54.0	10.02	AV	157.00	400	Horizontal	Pass
5	13413.414	56.72	74.0	17.28	Peak	171.00	400	Horizontal	Pass
5**	13413.414	45.47	54.0	8.53	AV	171.00	400	Horizontal	Pass
6	17427.843	57.90	74.0	16.10	Peak	19.00	400	Horizontal	Pass
6**	17427.843	47.23	54.0	6.77	AV	19.00	400	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	1332.316	42.65	74.0	31.35	Peak	296.00	200	Vertical	Pass
1**	1332.316	35.29	54.0	18.71	AV	296.00	200	Vertical	Pass
2	2983.614	50.53	74.0	23.47	Peak	275.00	200	Vertical	Pass
2**	2983.614	44.27	54.0	9.73	AV	275.00	200	Vertical	Pass
3	4853.601	47.11	74.0	26.89	Peak	190.00	200	Vertical	Pass
3**	4853.601	41.74	54.0	12.26	AV	190.00	200	Vertical	Pass
4	6608.834	55.54	74.0	18.46	Peak	298.00	400	Vertical	Pass
4**	6608.834	43.30	54.0	10.70	AV	298.00	400	Vertical	Pass
5	13435.581	57.13	74.0	16.87	Peak	149.00	300	Vertical	Pass
5**	13435.581	45.58	54.0	8.42	AV	149.00	300	Vertical	Pass
6	17414.104	56.62	74.0	17.38	Peak	8.00	300	Vertical	Pass
6**	17414.104	49.68	54.0	4.32	AV	8.00	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	1330.346	44.74	74.0	29.26	Peak	333.00	300	Horizontal	Pass
1**	1330.346	36.77	54.0	17.23	AV	333.00	300	Horizontal	Pass
2	2995.221	53.22	74.0	20.78	Peak	103.00	200	Horizontal	Pass
2**	2995.221	38.50	54.0	15.50	AV	103.00	200	Horizontal	Pass
3	4933.331	53.47	74.0	20.53	Peak	19.00	200	Horizontal	Pass
3**	4933.331	42.74	54.0	11.26	AV	19.00	200	Horizontal	Pass
4	6810.088	55.60	74.0	18.40	Peak	143.00	400	Horizontal	Pass
4**	6810.088	45.96	54.0	8.04	AV	143.00	400	Horizontal	Pass
5	13413.819	56.07	74.0	17.93	Peak	44.00	100	Horizontal	Pass
5**	13413.819	46.37	54.0	7.63	AV	44.00	100	Horizontal	Pass
6	17427.921	58.44	74.0	15.56	Peak	196.00	100	Horizontal	Pass
6**	17427.921	47.22	54.0	6.78	AV	196.00	100	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	1330.839	42.83	74.0	31.17	Peak	312.00	400	Vertical	Pass
1**	1330.839	39.76	54.0	14.24	AV	312.00	400	Vertical	Pass
2	2985.217	51.08	74.0	22.92	Peak	81.00	300	Vertical	Pass
2**	2985.217	41.99	54.0	12.01	AV	81.00	300	Vertical	Pass
3	4851.231	50.34	74.0	23.66	Peak	208.00	200	Vertical	Pass
3**	4851.231	37.69	54.0	16.31	AV	208.00	200	Vertical	Pass
4	6608.236	55.29	74.0	18.71	Peak	252.00	300	Vertical	Pass
4**	6608.236	46.66	54.0	7.34	AV	252.00	300	Vertical	Pass
5	13432.189	54.95	74.0	19.05	Peak	314.00	100	Vertical	Pass
5**	13432.189	44.70	54.0	9.30	AV	314.00	100	Vertical	Pass
6	17418.214	59.36	74.0	14.64	Peak	195.00	400	Vertical	Pass
6**	17418.214	49.97	54.0	4.03	AV	195.00	400	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	1329.183	41.75	74.0	32.25	Peak	233.00	400	Horizontal	Pass
1**	1329.183	39.41	54.0	14.59	AV	233.00	400	Horizontal	Pass
2	2997.987	51.74	74.0	22.26	Peak	110.00	100	Horizontal	Pass
2**	2997.987	42.14	54.0	11.86	AV	110.00	100	Horizontal	Pass
3	4933.984	51.85	74.0	22.15	Peak	98.00	200	Horizontal	Pass
3**	4933.984	41.35	54.0	12.65	AV	98.00	200	Horizontal	Pass
4	6807.778	56.68	74.0	17.32	Peak	219.00	300	Horizontal	Pass
4**	6807.778	44.11	54.0	9.89	AV	219.00	300	Horizontal	Pass
5	13409.131	57.65	74.0	16.35	Peak	163.00	100	Horizontal	Pass
5**	13409.131	44.46	54.0	9.54	AV	163.00	100	Horizontal	Pass
6	17428.982	56.55	74.0	17.45	Peak	115.00	100	Horizontal	Pass
6**	17428.982	50.24	54.0	3.76	AV	115.00	100	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	1336.692	47.51	74.0	26.49	Peak	289.00	200	Vertical	Pass
1**	1336.692	36.75	54.0	17.25	AV	289.00	200	Vertical	Pass
2	2978.729	49.54	74.0	24.46	Peak	39.00	200	Vertical	Pass
2**	2978.729	38.93	54.0	15.07	AV	39.00	200	Vertical	Pass
3	4853.667	50.16	74.0	23.84	Peak	329.00	200	Vertical	Pass
3**	4853.667	41.00	54.0	13.00	AV	329.00	200	Vertical	Pass
4	6609.789	51.72	74.0	22.28	Peak	96.00	100	Vertical	Pass
4**	6609.789	42.64	54.0	11.36	AV	96.00	100	Vertical	Pass
5	13434.850	57.41	74.0	16.59	Peak	276.00	200	Vertical	Pass
5**	13434.850	47.10	54.0	6.90	AV	276.00	200	Vertical	Pass
6	17418.940	55.13	74.0	18.87	Peak	234.00	400	Vertical	Pass
6**	17418.940	47.69	54.0	6.31	AV	234.00	400	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	1331.187	47.42	74.0	26.58	Peak	180.00	300	Horizontal	Pass
1**	1331.187	35.09	54.0	18.91	AV	180.00	300	Horizontal	Pass
2	2993.942	50.04	74.0	23.96	Peak	78.00	200	Horizontal	Pass
2**	2993.942	41.88	54.0	12.12	AV	78.00	200	Horizontal	Pass
3	4931.219	49.04	74.0	24.96	Peak	332.00	200	Horizontal	Pass
3**	4931.219	41.70	54.0	12.30	AV	332.00	200	Horizontal	Pass
4	6807.776	53.00	74.0	21.00	Peak	286.00	200	Horizontal	Pass
4**	6807.776	46.67	54.0	7.33	AV	286.00	200	Horizontal	Pass
5	13413.244	57.23	74.0	16.77	Peak	204.00	400	Horizontal	Pass
5**	13413.244	44.82	54.0	9.18	AV	204.00	400	Horizontal	Pass
6	17423.413	59.00	74.0	15.00	Peak	298.00	300	Horizontal	Pass
6**	17423.413	47.81	54.0	6.19	AV	298.00	300	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	1334.212	44.09	74.0	29.91	Peak	318.00	200	Vertical	Pass
1**	1334.212	39.70	54.0	14.30	AV	318.00	200	Vertical	Pass
2	2984.155	48.51	74.0	25.49	Peak	333.00	400	Vertical	Pass
2**	2984.155	42.38	54.0	11.62	AV	333.00	400	Vertical	Pass
3	4852.150	47.72	74.0	26.28	Peak	303.00	200	Vertical	Pass
3**	4852.150	43.63	54.0	10.37	AV	303.00	200	Vertical	Pass
4	6604.750	56.31	74.0	17.69	Peak	191.00	200	Vertical	Pass
4**	6604.750	43.16	54.0	10.84	AV	191.00	200	Vertical	Pass
5	13438.502	55.22	74.0	18.78	Peak	64.00	100	Vertical	Pass
5**	13438.502	48.14	54.0	5.86	AV	64.00	100	Vertical	Pass
6	17415.662	55.35	74.0	18.65	Peak	203.00	300	Vertical	Pass
6**	17415.662	47.43	54.0	6.57	AV	203.00	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	1328.557	41.79	74.0	32.21	Peak	158.00	400	Horizontal	Pass
1**	1328.557	38.28	54.0	15.72	AV	158.00	400	Horizontal	Pass
2	2999.648	50.26	74.0	23.74	Peak	63.00	300	Horizontal	Pass
2**	2999.648	38.59	54.0	15.41	AV	63.00	300	Horizontal	Pass
3	4930.459	51.25	74.0	22.75	Peak	214.00	200	Horizontal	Pass
3**	4930.459	42.40	54.0	11.60	AV	214.00	200	Horizontal	Pass
4	6808.078	52.09	74.0	21.91	Peak	324.00	300	Horizontal	Pass
4**	6808.078	43.31	54.0	10.69	AV	324.00	300	Horizontal	Pass
5	13413.981	53.96	74.0	20.04	Peak	24.00	400	Horizontal	Pass
5**	13413.981	47.75	54.0	6.25	AV	24.00	400	Horizontal	Pass
6	17425.171	58.70	74.0	15.30	Peak	24.00	100	Horizontal	Pass
6**	17425.171	48.59	54.0	5.41	AV	24.00	100	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	1334.048	47.01	74.0	26.99	Peak	337.00	200	Vertical	Pass
1**	1334.048	35.82	54.0	18.18	AV	337.00	200	Vertical	Pass
2	2981.920	52.22	74.0	21.78	Peak	330.00	200	Vertical	Pass
2**	2981.920	44.49	54.0	9.51	AV	330.00	200	Vertical	Pass
3	4856.825	48.41	74.0	25.59	Peak	265.00	200	Vertical	Pass
3**	4856.825	42.83	54.0	11.17	AV	265.00	200	Vertical	Pass
4	6603.249	57.21	74.0	16.79	Peak	198.00	400	Vertical	Pass
4**	6603.249	46.08	54.0	7.92	AV	198.00	400	Vertical	Pass
5	13434.231	54.34	74.0	19.66	Peak	265.00	300	Vertical	Pass
5**	13434.231	45.85	54.0	8.15	AV	265.00	300	Vertical	Pass
6	17417.007	57.83	74.0	16.17	Peak	150.00	300	Vertical	Pass
6**	17417.007	47.37	54.0	6.63	AV	150.00	300	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	1327.355	47.33	74.0	26.67	Peak	91.00	200	Horizontal	Pass
1**	1327.355	37.46	54.0	16.54	AV	91.00	200	Horizontal	Pass
2	2995.026	51.50	74.0	22.50	Peak	49.00	300	Horizontal	Pass
2**	2995.026	39.13	54.0	14.87	AV	49.00	300	Horizontal	Pass
3	4931.954	50.60	74.0	23.40	Peak	292.00	200	Horizontal	Pass
3**	4931.954	39.91	54.0	14.09	AV	292.00	200	Horizontal	Pass
4	6810.180	55.91	74.0	18.09	Peak	238.00	300	Horizontal	Pass
4**	6810.180	46.00	54.0	8.00	AV	238.00	300	Horizontal	Pass
5	13407.249	57.32	74.0	16.68	Peak	143.00	400	Horizontal	Pass
5**	13407.249	46.63	54.0	7.37	AV	143.00	400	Horizontal	Pass
6	17426.641	57.76	74.0	16.24	Peak	99.00	100	Horizontal	Pass
6**	17426.641	48.22	54.0	5.78	AV	99.00	100	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	1331.776	43.65	74.0	30.35	Peak	338.00	400	Vertical	Pass
1**	1331.776	39.22	54.0	14.78	AV	338.00	400	Vertical	Pass
2	2985.894	51.24	74.0	22.76	Peak	68.00	400	Vertical	Pass
2**	2985.894	39.35	54.0	14.65	AV	68.00	400	Vertical	Pass
3	4856.594	50.31	74.0	23.69	Peak	99.00	200	Vertical	Pass
3**	4856.594	39.10	54.0	14.90	AV	99.00	200	Vertical	Pass
4	6607.074	56.19	74.0	17.81	Peak	195.00	200	Vertical	Pass
4**	6607.074	44.97	54.0	9.03	AV	195.00	200	Vertical	Pass
5	13437.920	57.28	74.0	16.72	Peak	85.00	400	Vertical	Pass
5**	13437.920	44.05	54.0	9.95	AV	85.00	400	Vertical	Pass
6	17415.193	55.99	74.0	18.01	Peak	10.00	300	Vertical	Pass
6**	17415.193	46.38	54.0	7.62	AV	10.00	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	1331.360	47.44	74.0	26.56	Peak	238.00	200	Horizontal	Pass
1**	1331.360	34.53	54.0	19.47	AV	238.00	200	Horizontal	Pass
2	2995.479	49.37	74.0	24.63	Peak	230.00	300	Horizontal	Pass
2**	2995.479	41.87	54.0	12.13	AV	230.00	300	Horizontal	Pass
3	4930.523	48.72	74.0	25.28	Peak	265.00	200	Horizontal	Pass
3**	4930.523	40.87	54.0	13.13	AV	265.00	200	Horizontal	Pass
4	6808.187	56.64	74.0	17.36	Peak	55.00	200	Horizontal	Pass
4**	6808.187	44.71	54.0	9.29	AV	55.00	200	Horizontal	Pass
5	13414.768	57.06	74.0	16.94	Peak	181.00	100	Horizontal	Pass
5**	13414.768	45.84	54.0	8.16	AV	181.00	100	Horizontal	Pass
6	17427.625	57.00	74.0	17.00	Peak	51.00	400	Horizontal	Pass
6**	17427.625	48.93	54.0	5.07	AV	51.00	400	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	1334.633	42.46	74.0	31.54	Peak	96.00	400	Vertical	Pass
1**	1334.633	35.04	54.0	18.96	AV	96.00	400	Vertical	Pass
2	2981.814	50.96	74.0	23.04	Peak	67.00	400	Vertical	Pass
2**	2981.814	44.59	54.0	9.41	AV	67.00	400	Vertical	Pass
3	4850.287	50.73	74.0	23.27	Peak	65.00	200	Vertical	Pass
3**	4850.287	43.54	54.0	10.46	AV	65.00	200	Vertical	Pass
4	6604.352	56.08	74.0	17.92	Peak	10.00	400	Vertical	Pass
4**	6604.352	43.07	54.0	10.93	AV	10.00	400	Vertical	Pass
5	13438.166	53.52	74.0	20.48	Peak	19.00	200	Vertical	Pass
5**	13438.166	47.32	54.0	6.68	AV	19.00	200	Vertical	Pass
6	17416.407	55.86	74.0	18.14	Peak	80.00	300	Vertical	Pass
6**	17416.407	46.71	54.0	7.29	AV	80.00	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	1333.442	46.00	74.0	28.00	Peak	189.00	100	Horizontal	Pass
1**	1333.442	39.44	54.0	14.56	AV	189.00	100	Horizontal	Pass
2	2997.093	48.69	74.0	25.31	Peak	218.00	300	Horizontal	Pass
2**	2997.093	38.97	54.0	15.03	AV	218.00	300	Horizontal	Pass
3	4930.811	49.35	74.0	24.65	Peak	293.00	200	Horizontal	Pass
3**	4930.811	43.66	54.0	10.34	AV	293.00	200	Horizontal	Pass
4	6808.150	57.34	74.0	16.66	Peak	18.00	200	Horizontal	Pass
4**	6808.150	46.25	54.0	7.75	AV	18.00	200	Horizontal	Pass
5	13409.661	54.48	74.0	19.52	Peak	43.00	400	Horizontal	Pass
5**	13409.661	47.74	54.0	6.26	AV	43.00	400	Horizontal	Pass
6	17429.074	55.53	74.0	18.47	Peak	102.00	300	Horizontal	Pass
6**	17429.074	45.77	54.0	8.23	AV	102.00	300	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	1336.495	43.86	74.0	30.14	Peak	75.00	100	Vertical	Pass
1**	1336.495	36.21	54.0	17.79	AV	75.00	100	Vertical	Pass
2	2981.162	52.28	74.0	21.72	Peak	173.00	300	Vertical	Pass
2**	2981.162	43.56	54.0	10.44	AV	173.00	300	Vertical	Pass
3	4851.630	51.32	74.0	22.68	Peak	47.00	200	Vertical	Pass
3**	4851.630	42.16	54.0	11.84	AV	47.00	200	Vertical	Pass
4	6606.927	53.68	74.0	20.32	Peak	173.00	200	Vertical	Pass
4**	6606.927	43.82	54.0	10.18	AV	173.00	200	Vertical	Pass
5	13436.538	55.52	74.0	18.48	Peak	33.00	400	Vertical	Pass
5**	13436.538	47.18	54.0	6.82	AV	33.00	400	Vertical	Pass
6	17416.391	60.08	74.0	13.92	Peak	4.00	400	Vertical	Pass
6**	17416.391	50.04	54.0	3.96	AV	4.00	400	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	1333.449	47.33	74.0	26.67	Peak	69.00	300	Horizontal	Pass
1**	1333.449	39.69	54.0	14.31	AV	69.00	300	Horizontal	Pass
2	2998.872	48.99	74.0	25.01	Peak	162.00	400	Horizontal	Pass
2**	2998.872	38.68	54.0	15.32	AV	162.00	400	Horizontal	Pass
3	4934.587	53.34	74.0	20.66	Peak	253.00	200	Horizontal	Pass
3**	4934.587	39.12	54.0	14.88	AV	253.00	200	Horizontal	Pass
4	6810.028	55.75	74.0	18.25	Peak	340.00	200	Horizontal	Pass
4**	6810.028	43.51	54.0	10.49	AV	340.00	200	Horizontal	Pass
5	13411.333	55.10	74.0	18.90	Peak	5.00	300	Horizontal	Pass
5**	13411.333	49.39	54.0	4.61	AV	5.00	300	Horizontal	Pass
6	17427.571	58.59	74.0	15.41	Peak	352.00	100	Horizontal	Pass
6**	17427.571	49.93	54.0	4.07	AV	352.00	100	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	1330.598	43.70	74.0	30.30	Peak	31.00	400	Vertical	Pass
1**	1330.598	38.56	54.0	15.44	AV	31.00	400	Vertical	Pass
2	2980.566	52.85	74.0	21.15	Peak	40.00	300	Vertical	Pass
2**	2980.566	40.13	54.0	13.87	AV	40.00	300	Vertical	Pass
3	4856.963	51.62	74.0	22.38	Peak	186.00	200	Vertical	Pass
3**	4856.963	41.82	54.0	12.18	AV	186.00	200	Vertical	Pass
4	6606.842	52.75	74.0	21.25	Peak	36.00	400	Vertical	Pass
4**	6606.842	47.11	54.0	6.89	AV	36.00	400	Vertical	Pass
5	13437.304	54.51	74.0	19.49	Peak	28.00	400	Vertical	Pass
5**	13437.304	45.27	54.0	8.73	AV	28.00	400	Vertical	Pass
6	17414.208	54.61	74.0	19.39	Peak	115.00	400	Vertical	Pass
6**	17414.208	47.55	54.0	6.45	AV	115.00	400	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	1330.275	45.20	74.0	28.80	Peak	129.00	300	Horizontal	Pass
1**	1330.275	39.14	54.0	14.86	AV	129.00	300	Horizontal	Pass
2	2995.643	49.70	74.0	24.30	Peak	325.00	200	Horizontal	Pass
2**	2995.643	41.78	54.0	12.22	AV	325.00	200	Horizontal	Pass
3	4937.432	49.34	74.0	24.66	Peak	43.00	200	Horizontal	Pass
3**	4937.432	39.56	54.0	14.44	AV	43.00	200	Horizontal	Pass
4	6804.908	55.17	74.0	18.83	Peak	219.00	100	Horizontal	Pass
4**	6804.908	44.53	54.0	9.47	AV	219.00	100	Horizontal	Pass
5	13409.764	54.27	74.0	19.73	Peak	324.00	100	Horizontal	Pass
5**	13409.764	44.21	54.0	9.79	AV	324.00	100	Horizontal	Pass
6	17424.780	57.48	74.0	16.52	Peak	286.00	100	Horizontal	Pass
6**	17424.780	45.61	54.0	8.39	AV	286.00	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	1333.100	45.49	74.0	28.51	Peak	323.00	100	Vertical	Pass
1**	1333.100	38.13	54.0	15.87	AV	323.00	100	Vertical	Pass
2	2978.502	51.77	74.0	22.23	Peak	133.00	400	Vertical	Pass
2**	2978.502	40.84	54.0	13.16	AV	133.00	400	Vertical	Pass
3	4857.017	52.19	74.0	21.81	Peak	273.00	200	Vertical	Pass
3**	4857.017	37.90	54.0	16.10	AV	273.00	200	Vertical	Pass
4	6611.141	51.56	74.0	22.44	Peak	28.00	100	Vertical	Pass
4**	6611.141	43.68	54.0	10.32	AV	28.00	100	Vertical	Pass
5	13437.900	56.80	74.0	17.20	Peak	56.00	400	Vertical	Pass
5**	13437.900	47.54	54.0	6.46	AV	56.00	400	Vertical	Pass
6	17419.209	59.09	74.0	14.91	Peak	162.00	100	Vertical	Pass
6**	17419.209	49.71	54.0	4.29	AV	162.00	100	Vertical	Pass