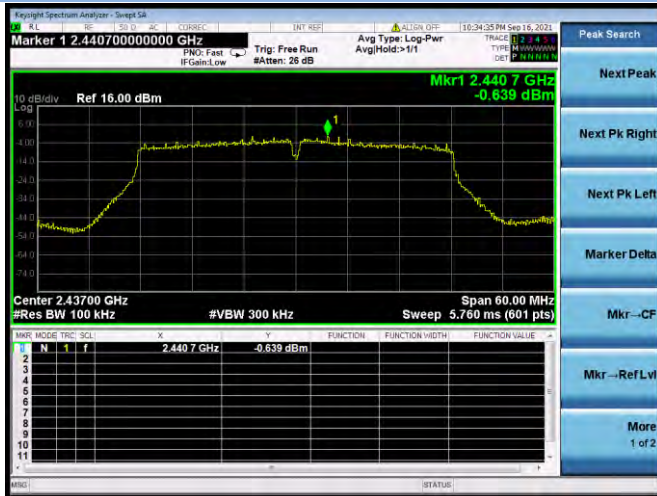
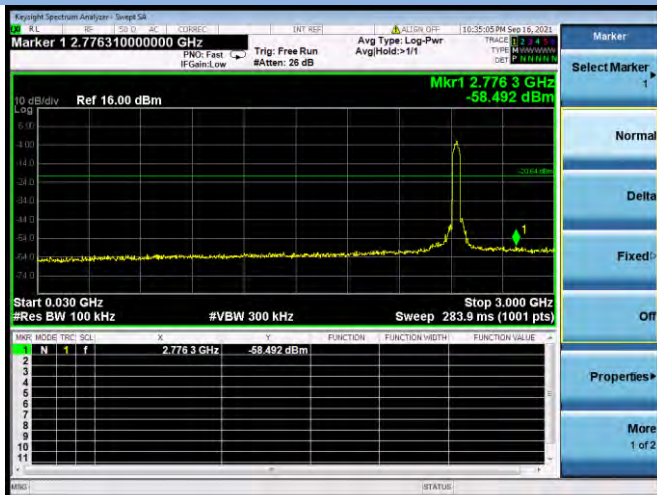


802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



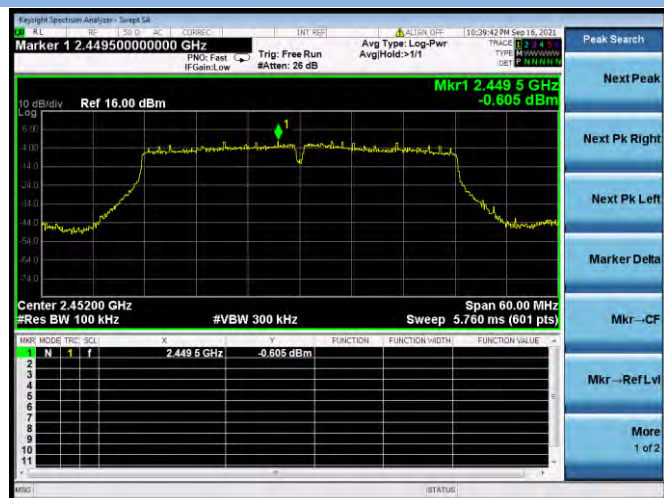
802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



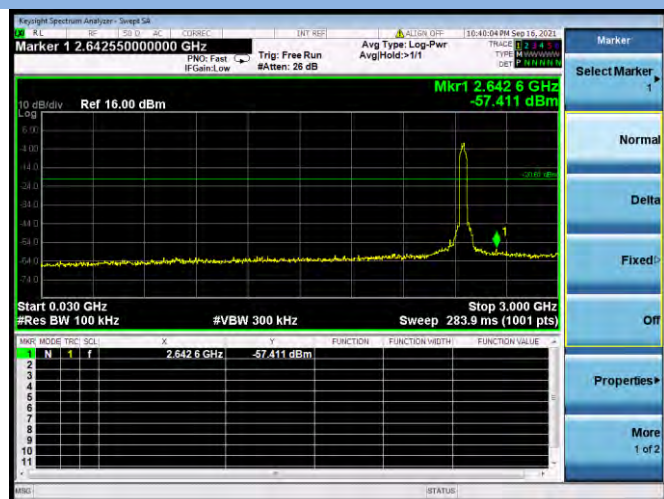
802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



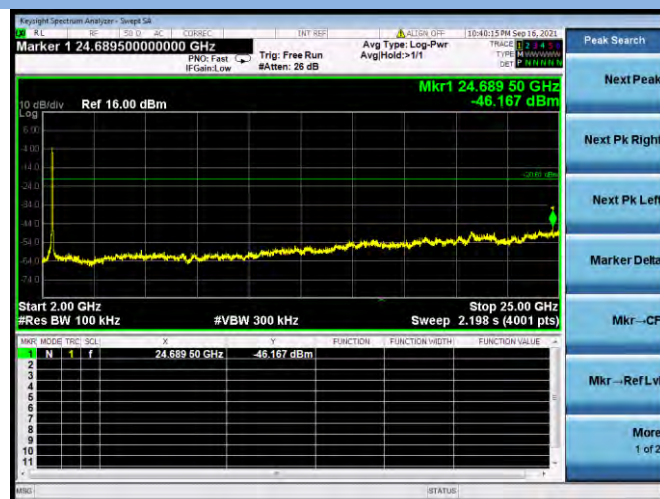
802.11n-40 HIGH CHANNEL CARRIER LEVEL



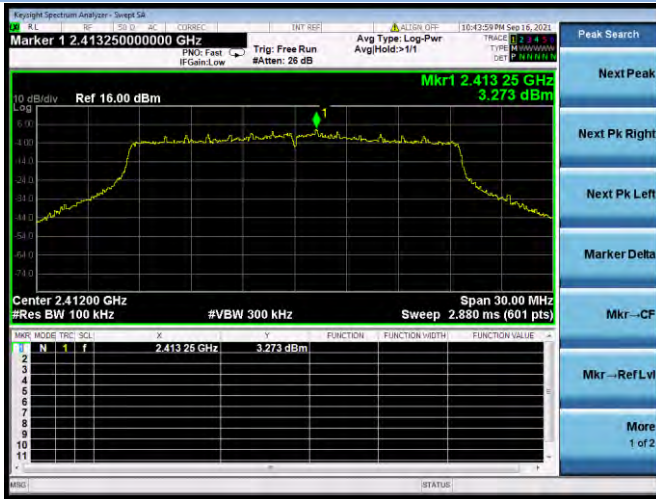
802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



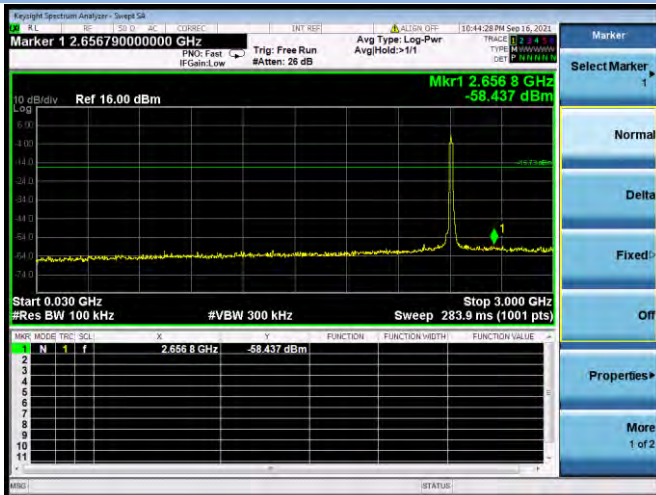
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



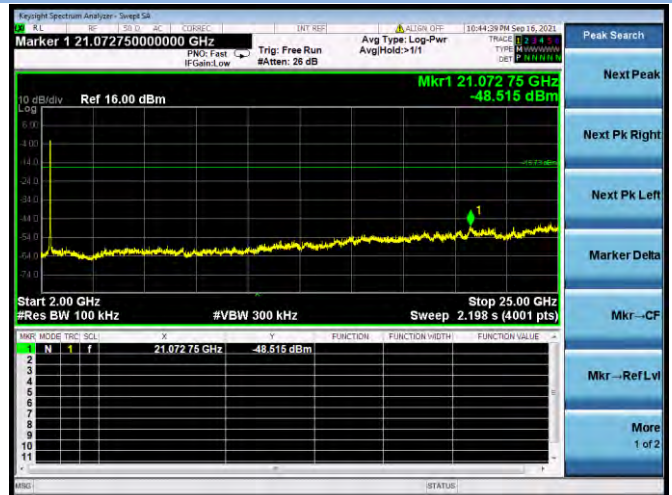
802.11ax-20 MHz(SU) LOW CHANNEL CARRIER LEVEL



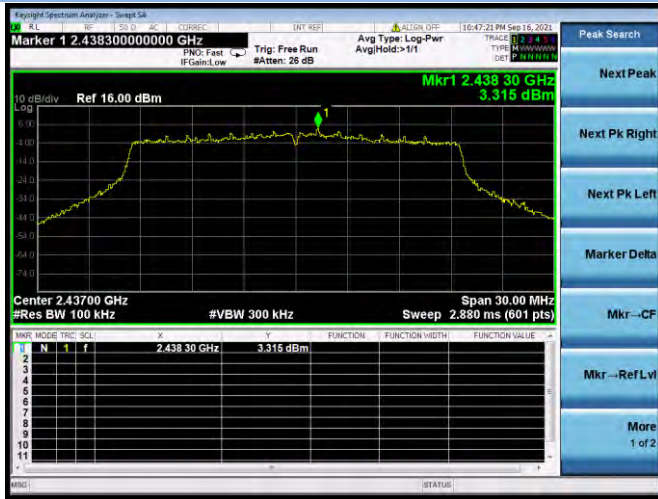
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



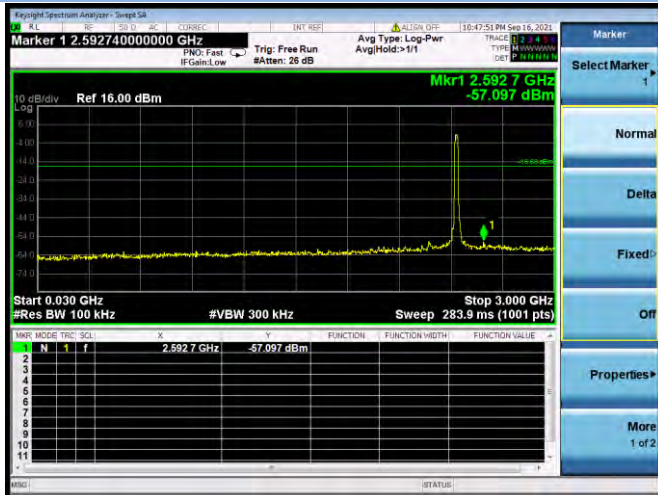
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



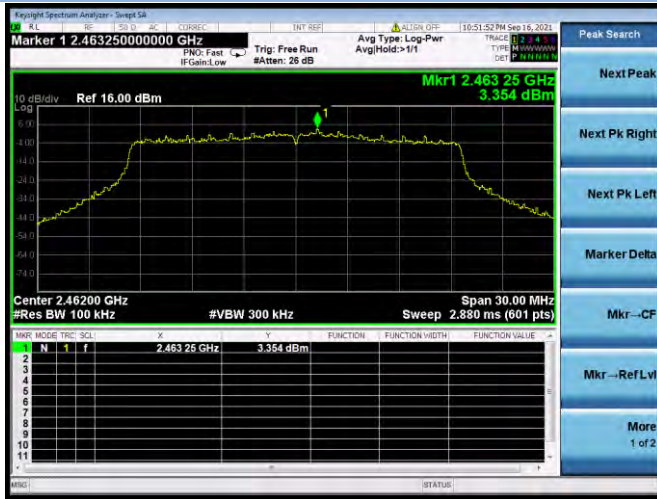
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



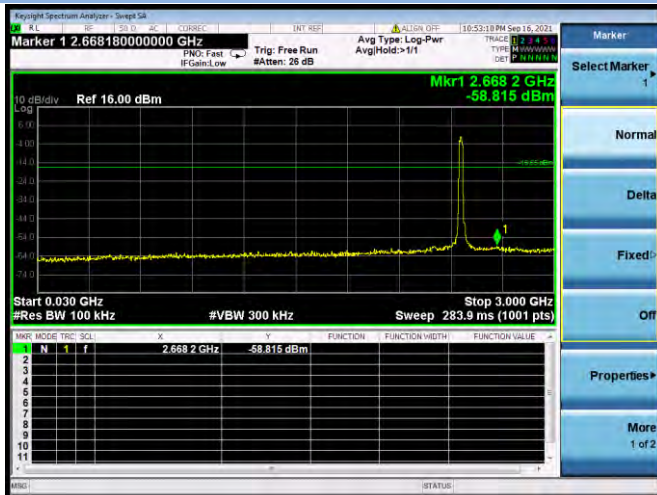
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



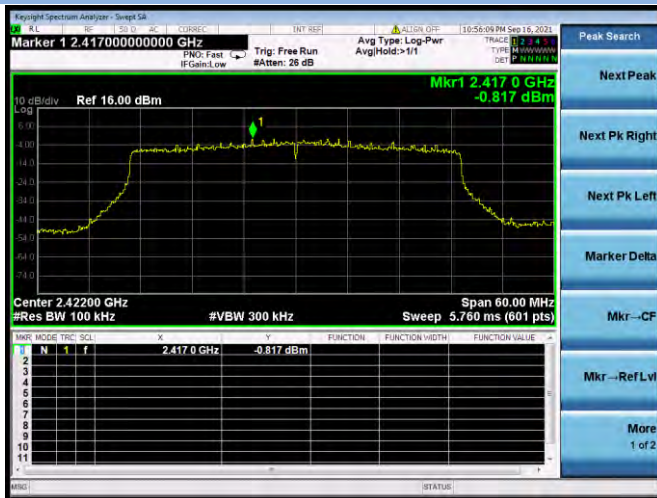
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



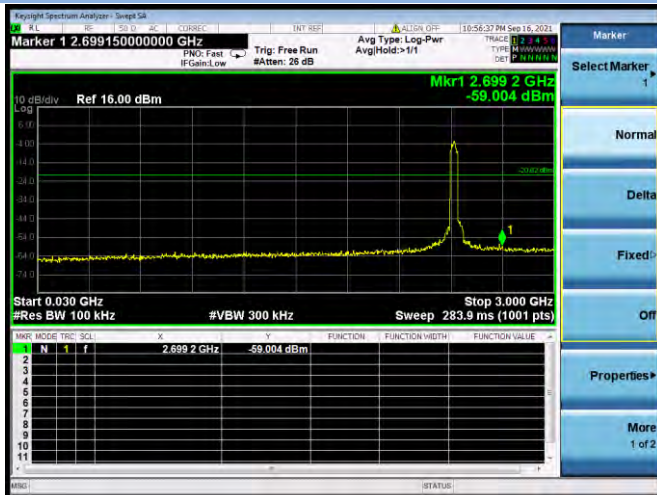
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



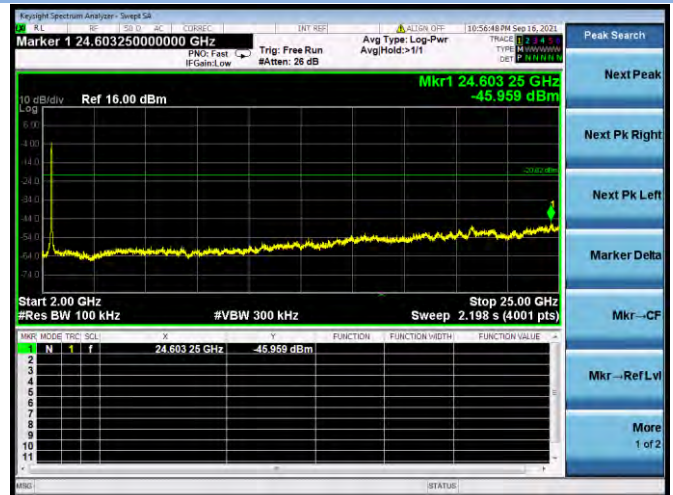
802.11ax-40 MHz(SU) LOW CHANNEL CARRIER LEVEL



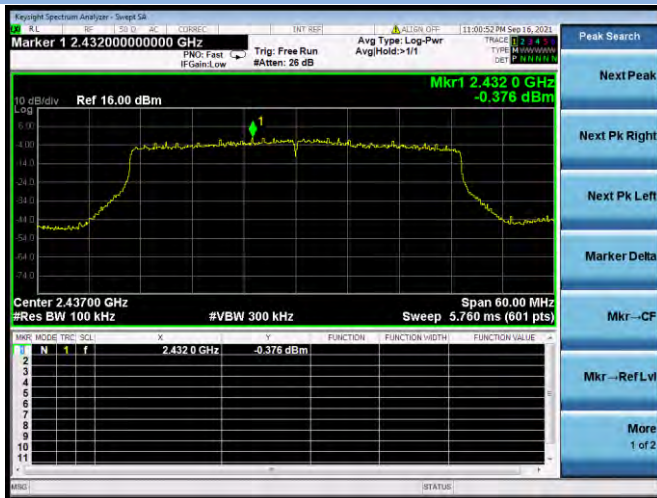
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



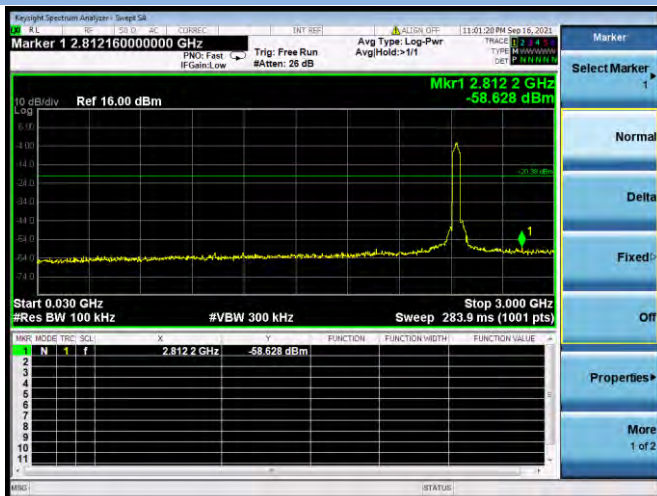
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



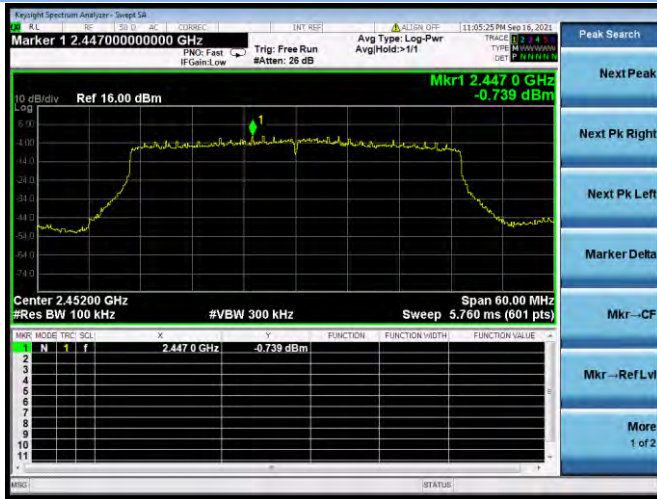
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



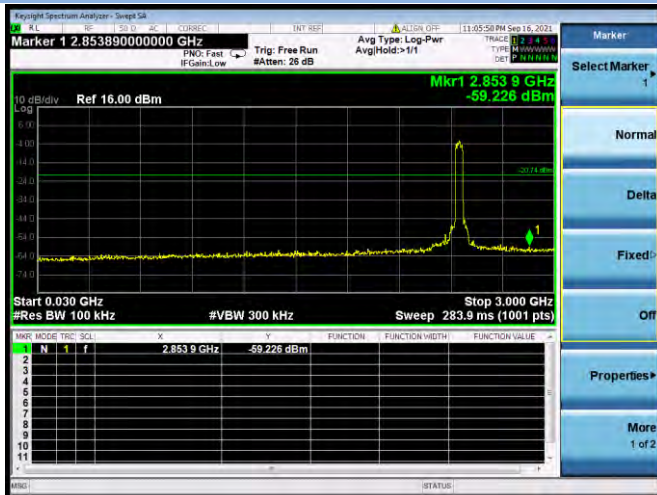
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



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

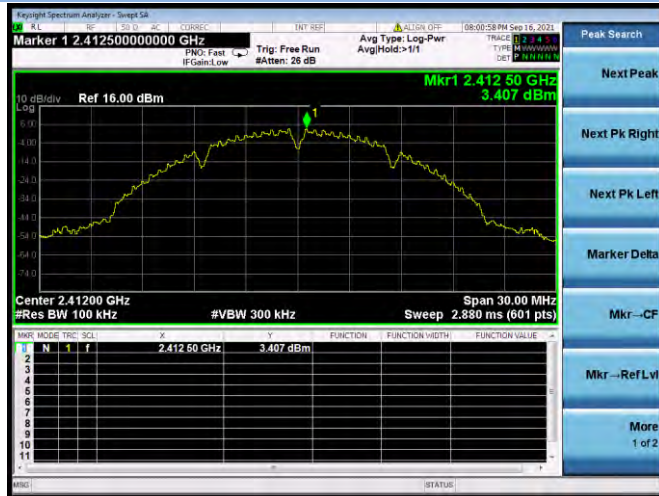


802.11ax-40 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

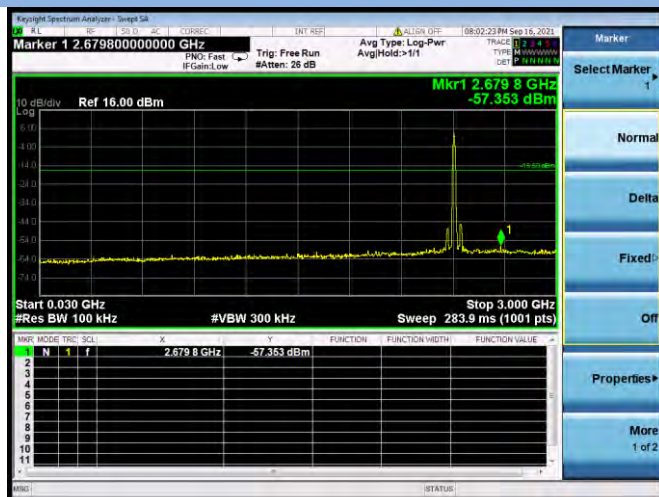


MIMO-Aux. Antenna

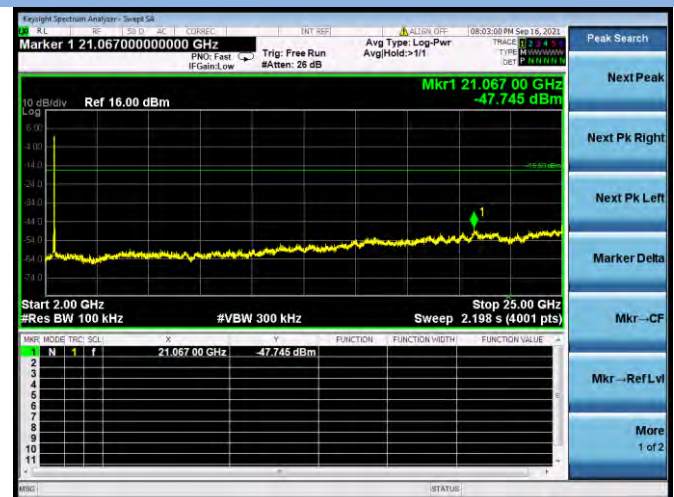
802.11b LOW CHANNEL CARRIER LEVEL



802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



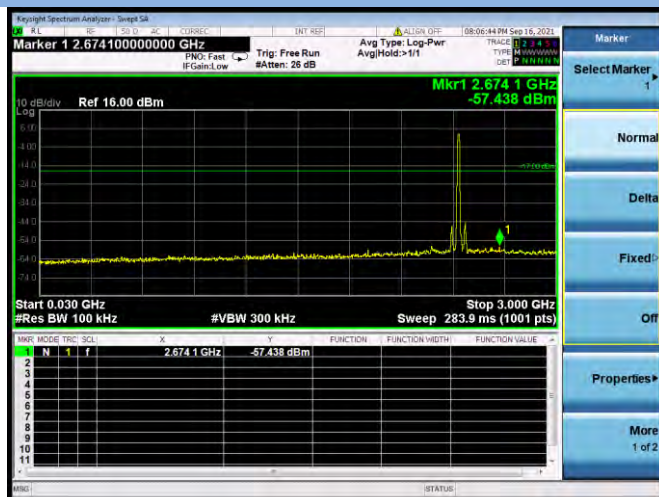
802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



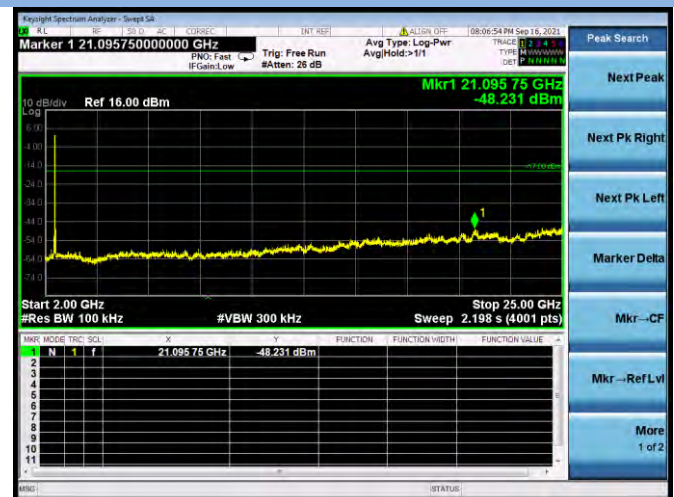
802.11b MIDDLE CHANNEL CARRIER LEVEL



802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



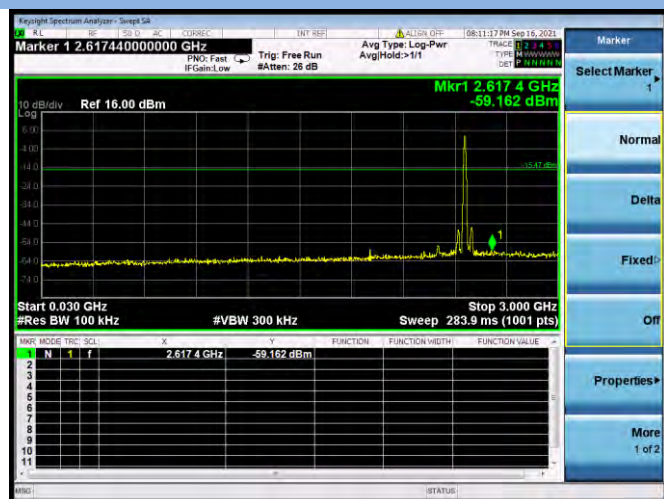
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



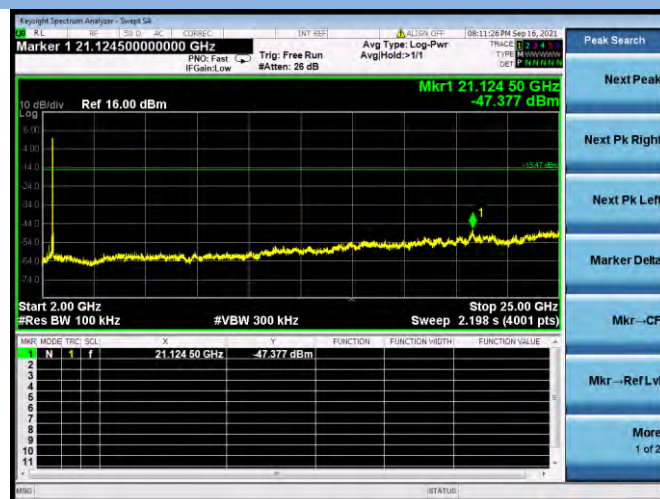
802.11b HIGH CHANNEL CARRIER LEVEL



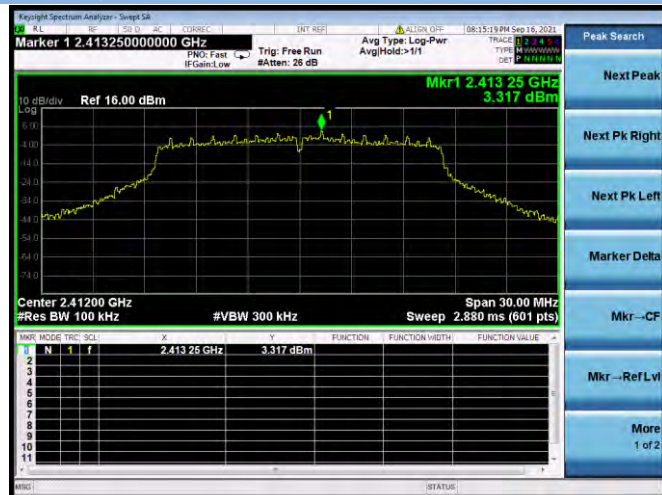
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



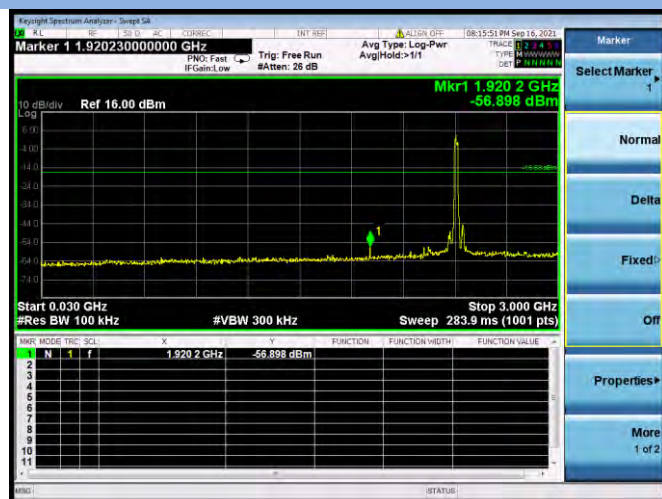
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



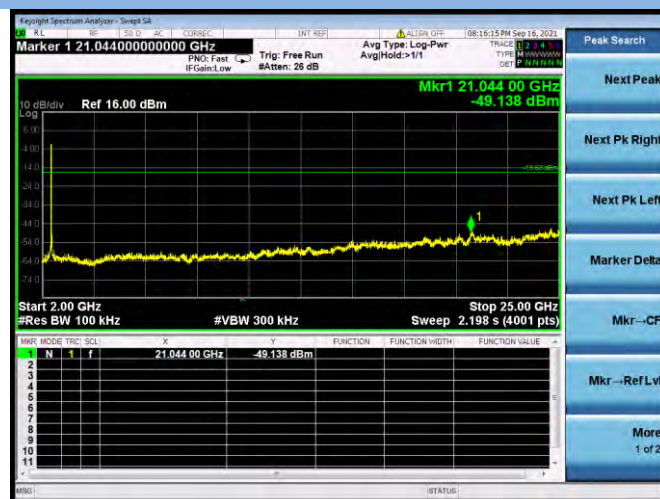
802.11g LOW CHANNEL CARRIER LEVEL



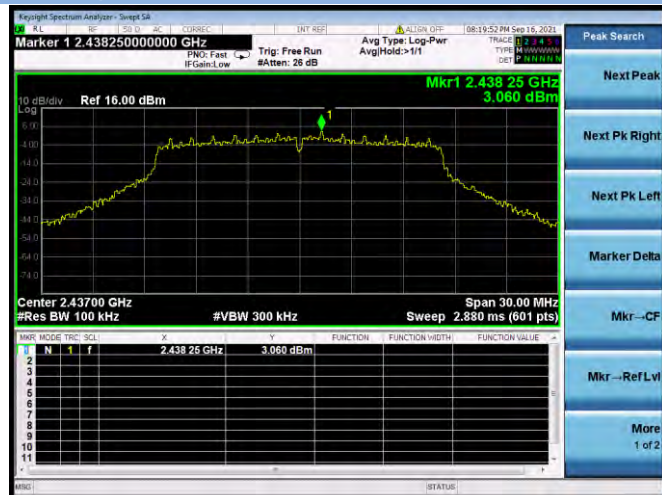
802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



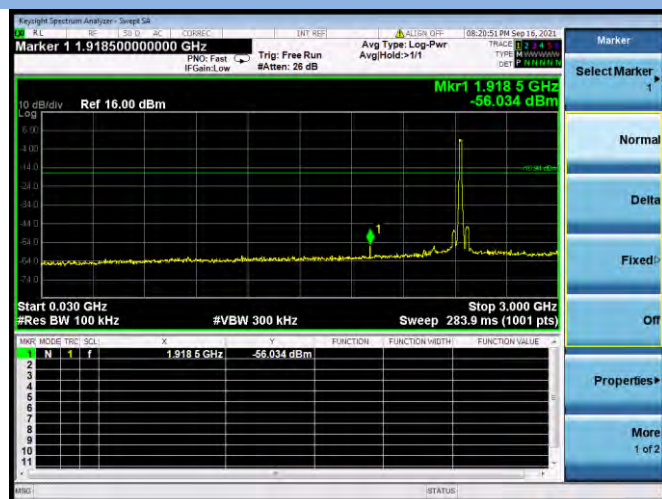
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



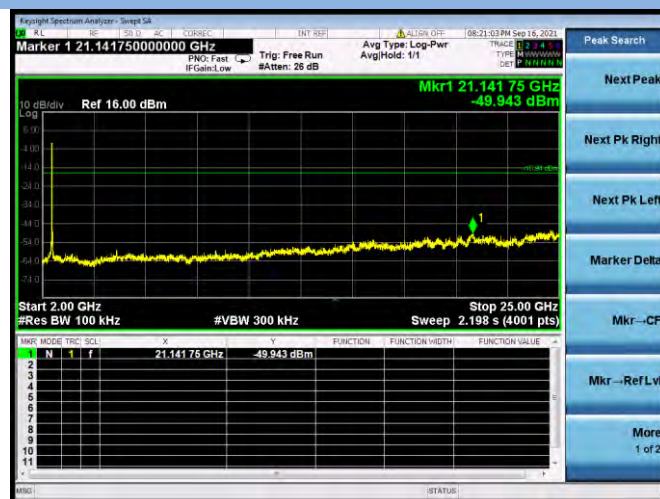
802.11g MIDDLE CHANNEL CARRIER LEVEL



802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



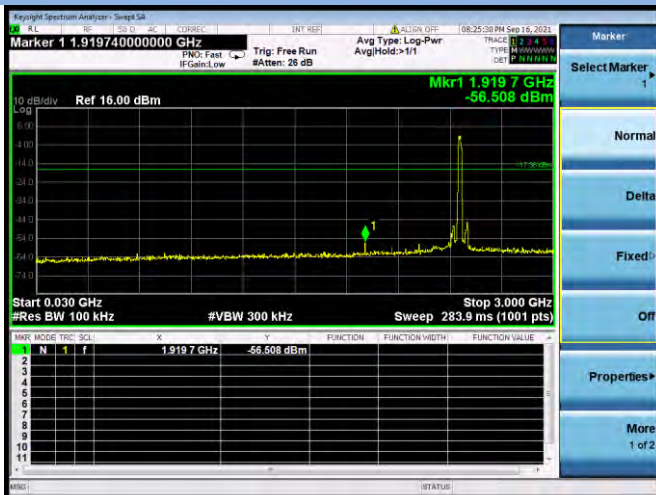
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11g HIGH CHANNEL CARRIER LEVEL



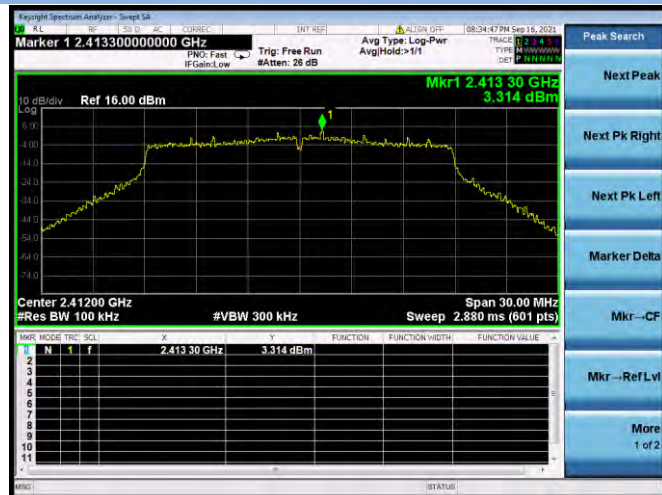
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



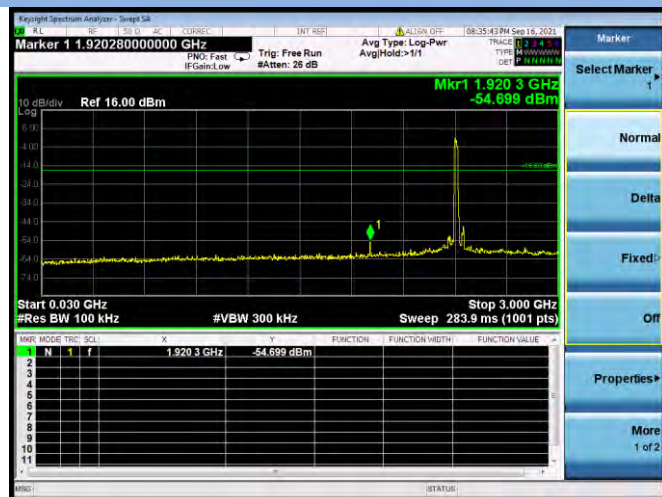
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



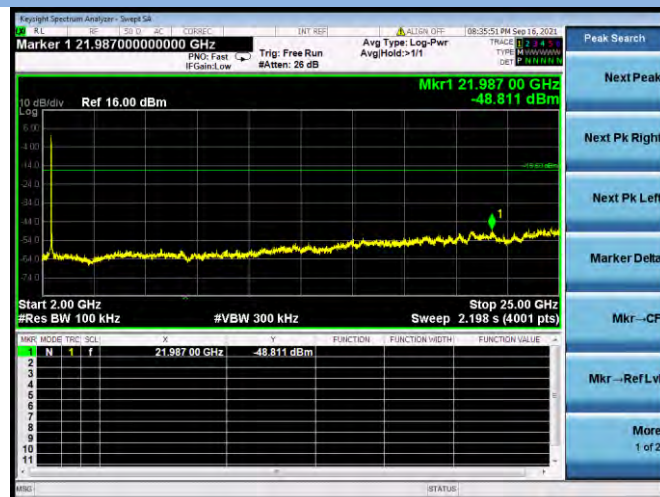
802.11n-20 LOW CHANNEL CARRIER LEVEL



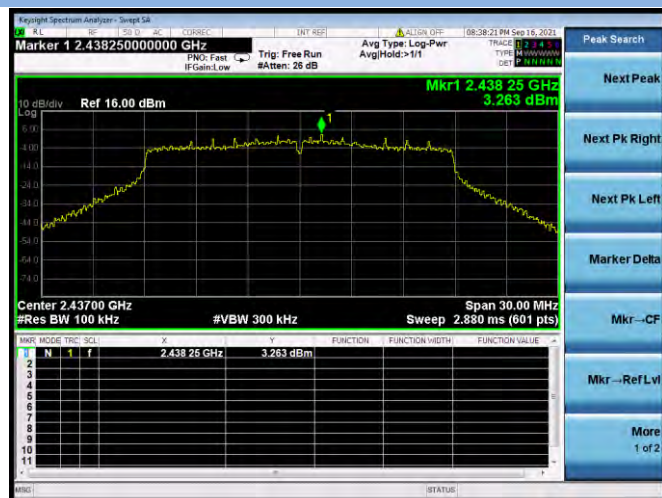
802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



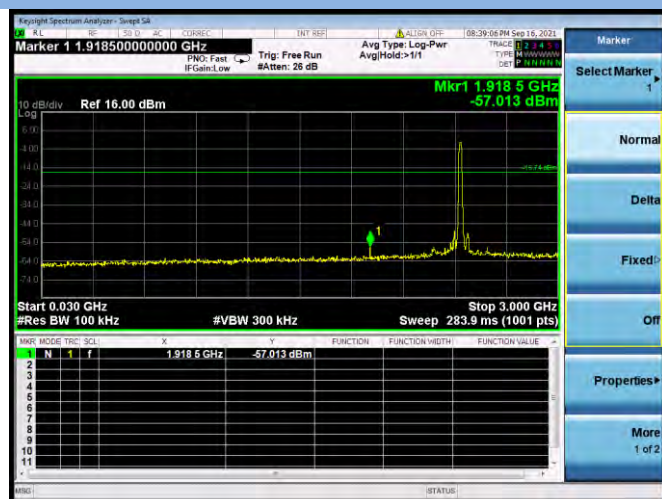
802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



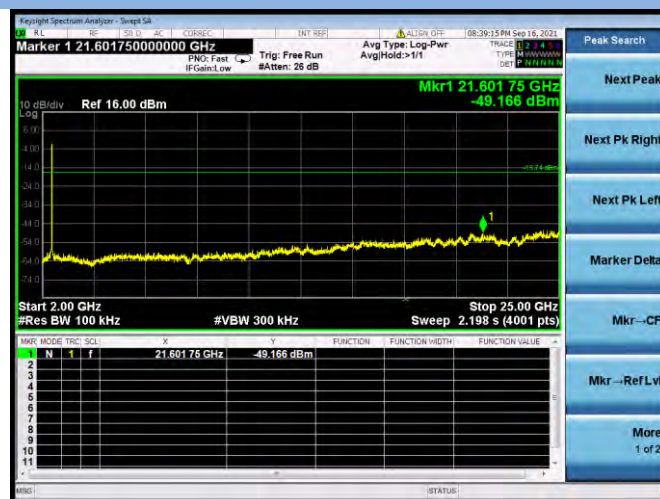
802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



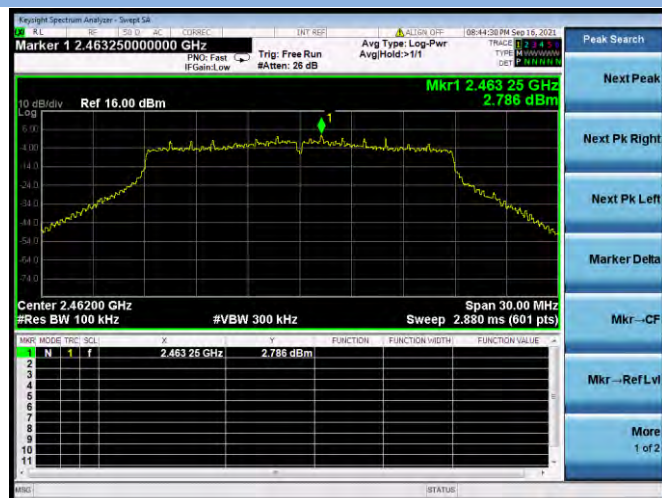
802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



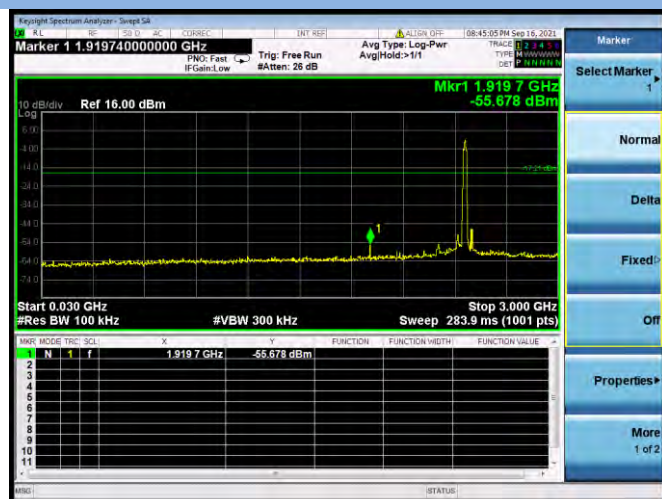
802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



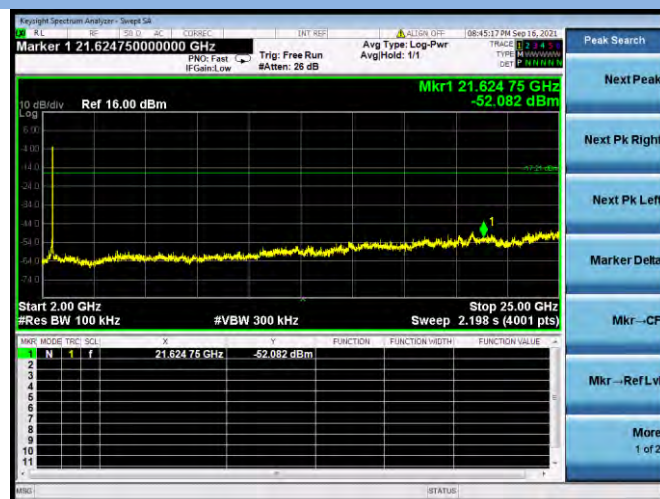
802.11n-20 HIGH CHANNEL CARRIER LEVEL



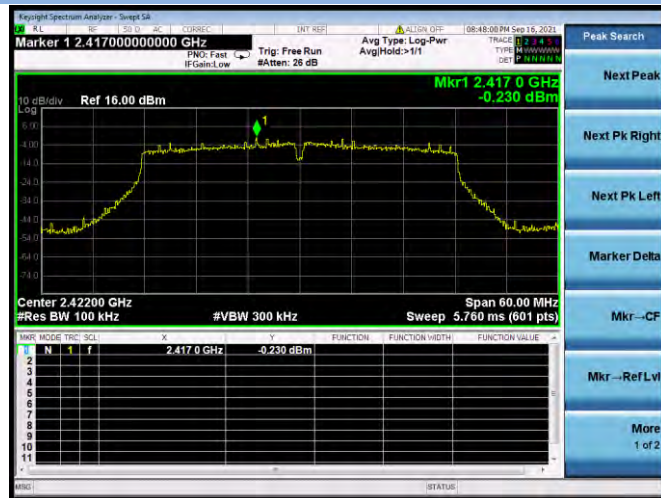
802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



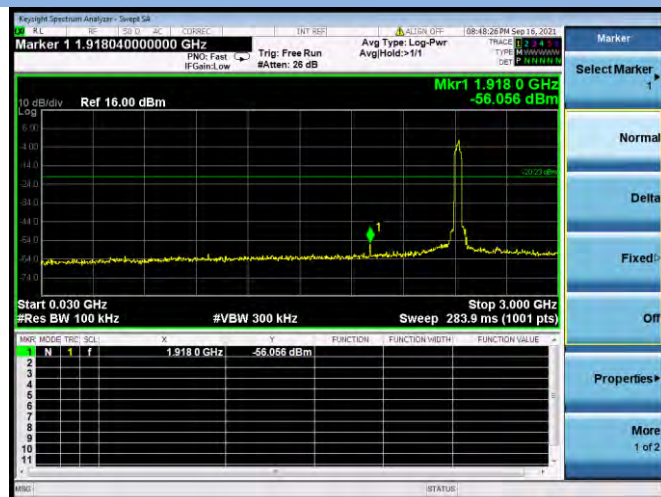
802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



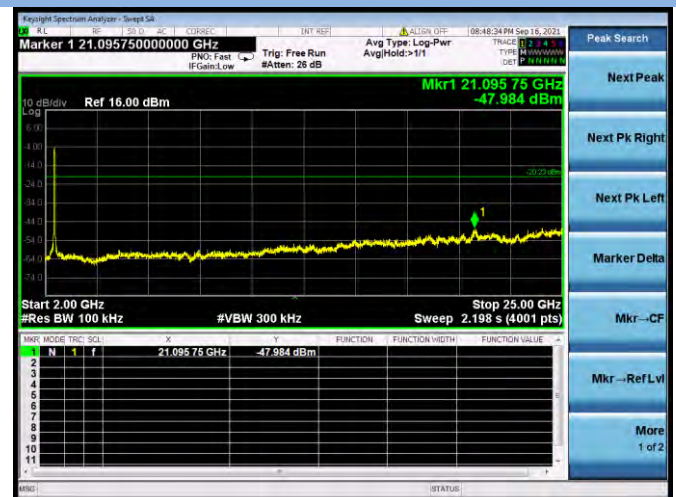
802.11n-40 LOW CHANNEL CARRIER LEVEL



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



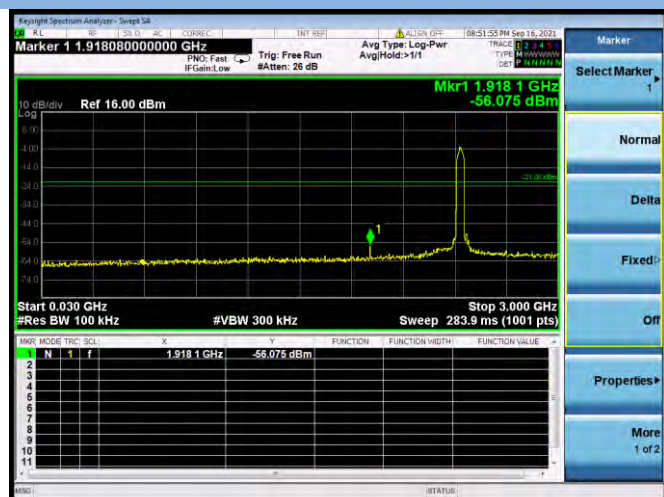
802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



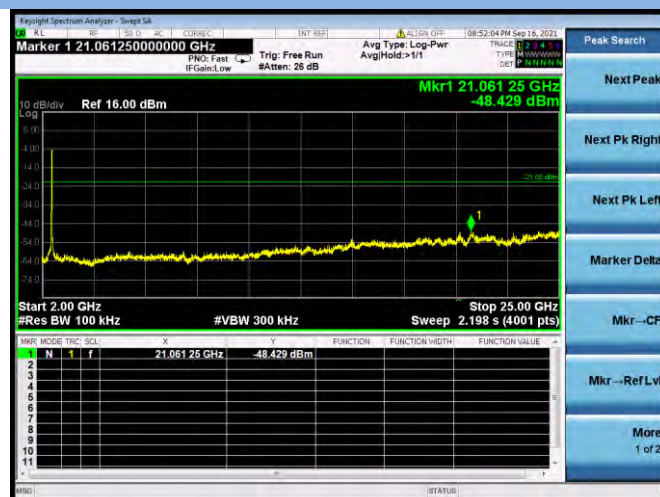
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



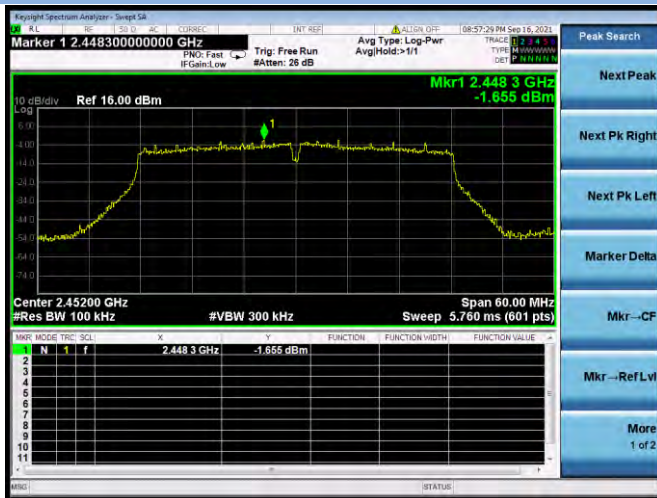
802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



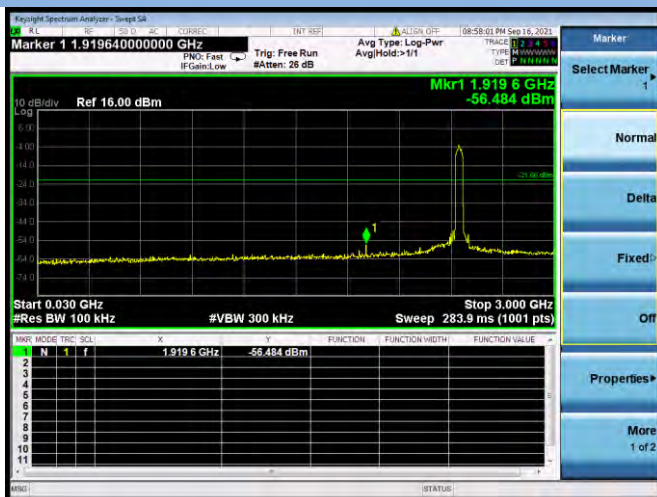
802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



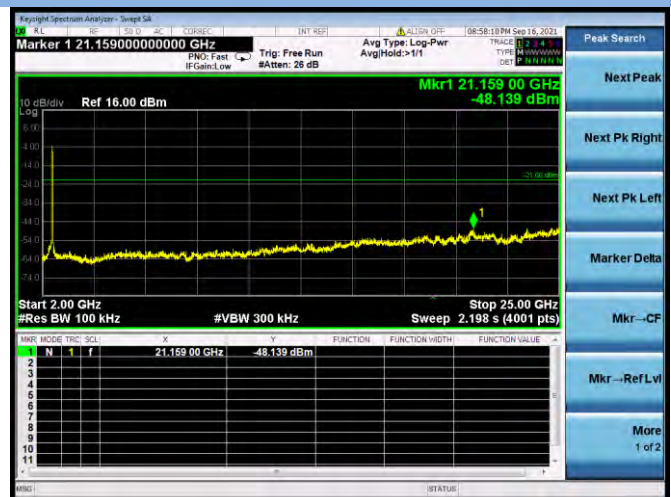
802.11n-40 HIGH CHANNEL CARRIER LEVEL



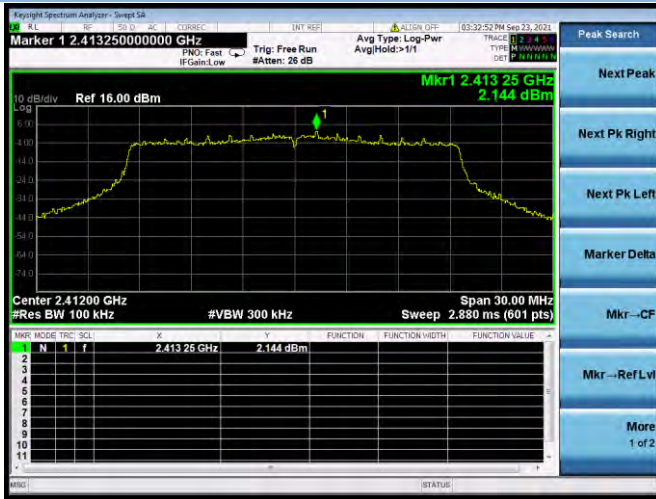
802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



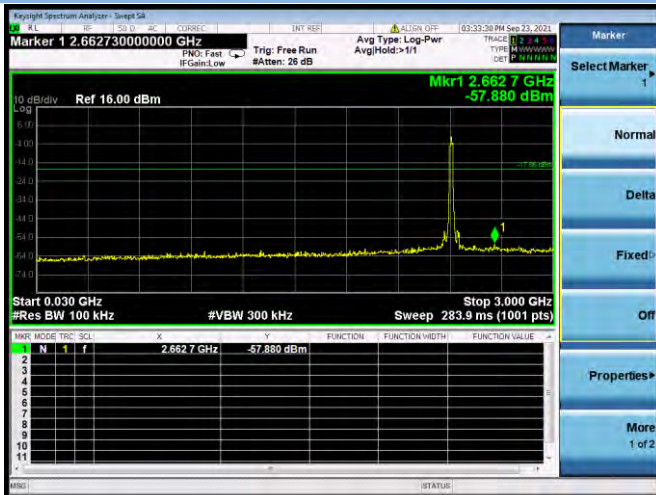
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



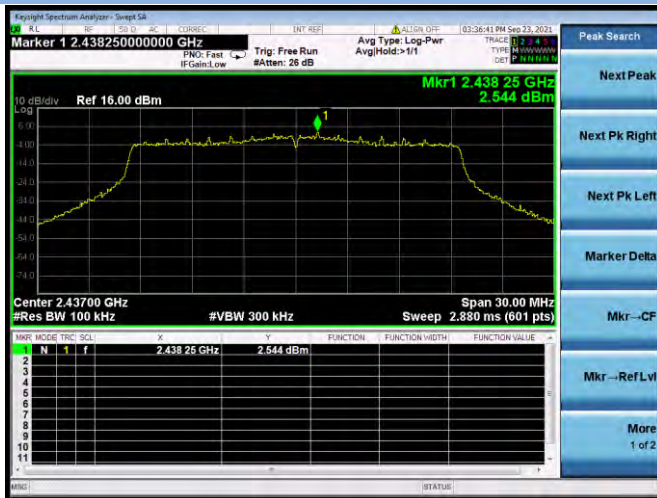
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



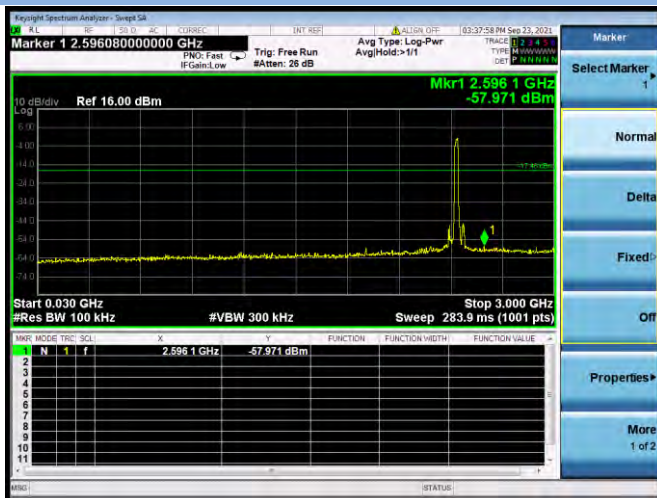
802.11ax-20 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



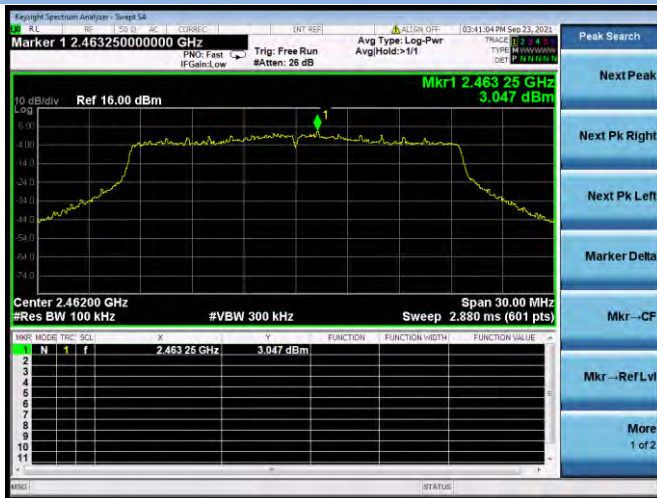
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



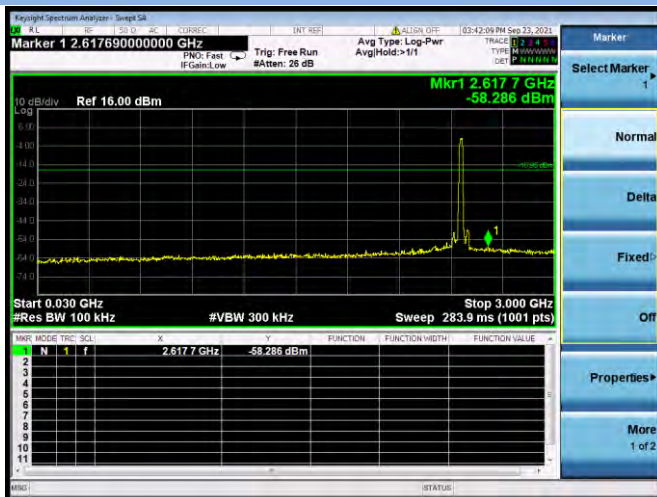
802.11ax-20 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



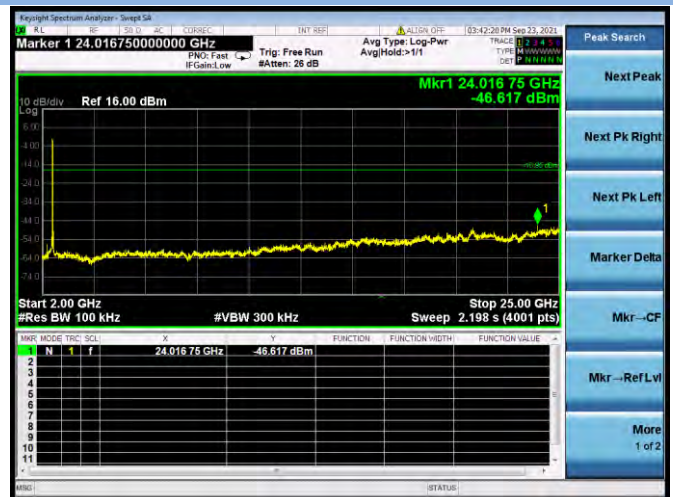
802.11ax-20 MHz(SU) HIGH CHANNEL CARRIER LEVEL



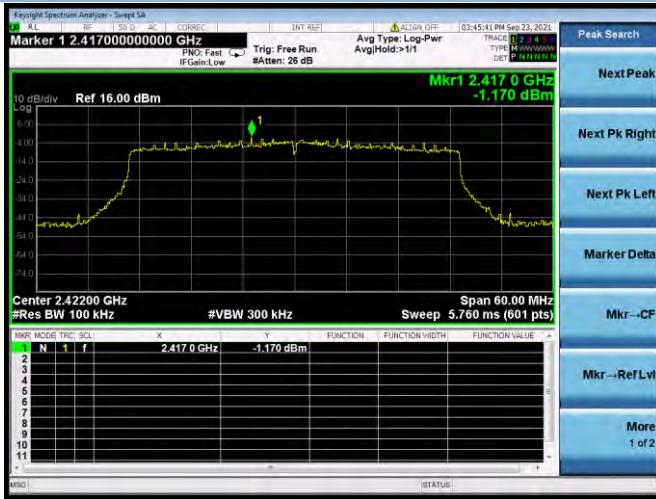
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



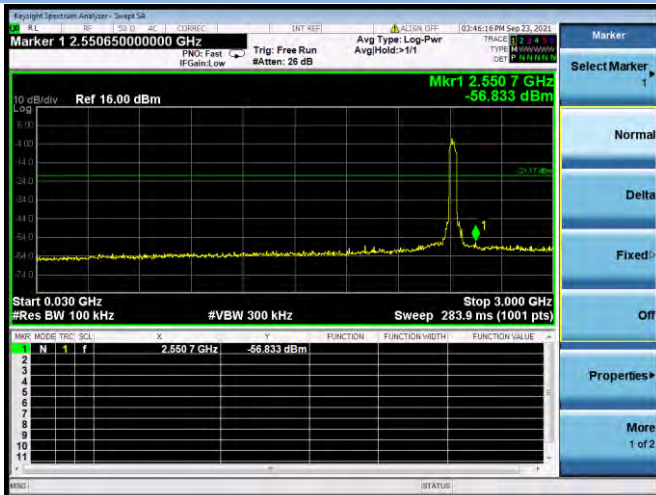
802.11ax-20 MHz(SU) HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



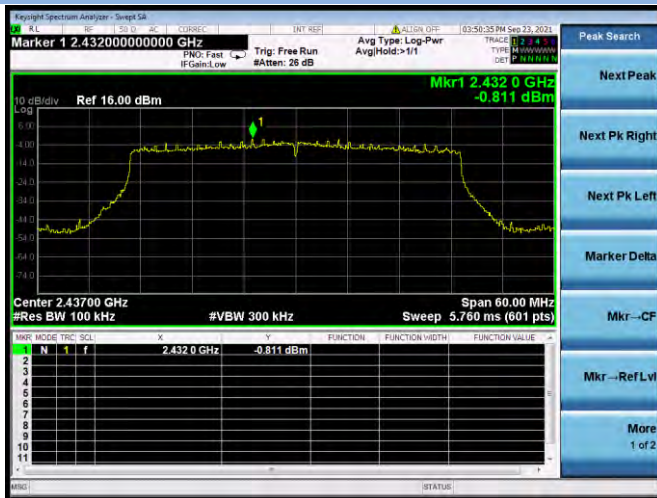
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



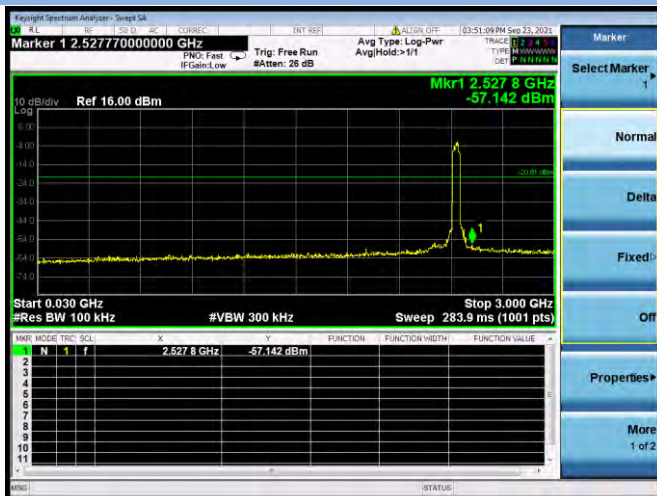
802.11ax-40 MHz(SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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



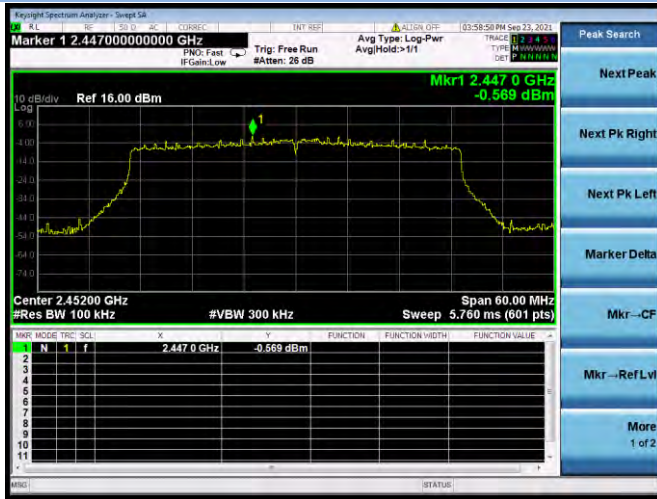
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



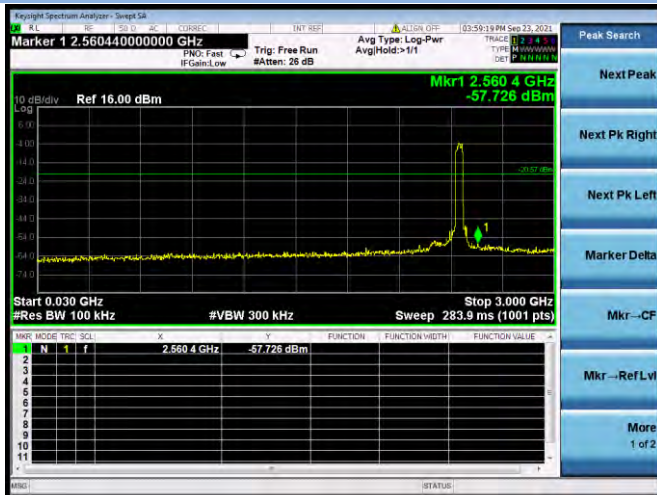
802.11ax-40 MHz(SU) MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



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)

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

Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

MIMO-Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.92	3.30	-16.70	Pass
High Channel	-56.96	4.17	-15.83	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.22	2.87	-17.13	Pass
High Channel	-53.13	3.54	-16.46	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.90	3.75	-16.25	Pass
High Channel	-50.49	3.64	-16.36	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.39	-0.43	-20.43	Pass
High Channel	-43.30	-0.61	-20.61	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	-36.94	3.27	-16.73	Pass
High Channel	-47.97	3.35	-16.65	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	-40.76	-0.82	-20.82	Pass
High Channel	-45.53	-0.74	-20.74	Pass

MIMO-Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-53.15	3.41	-16.59	Pass
High Channel	-56.45	4.53	-15.47	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.89	3.32	-16.68	Pass
High Channel	-54.94	2.64	-17.36	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.80	3.31	-16.69	Pass
High Channel	-55.09	2.79	-17.21	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.06	-0.23	-20.23	Pass
High Channel	-50.35	-1.66	-21.66	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	-36.90	2.14	-17.86	Pass
High Channel	-53.53	3.05	-16.95	Pass

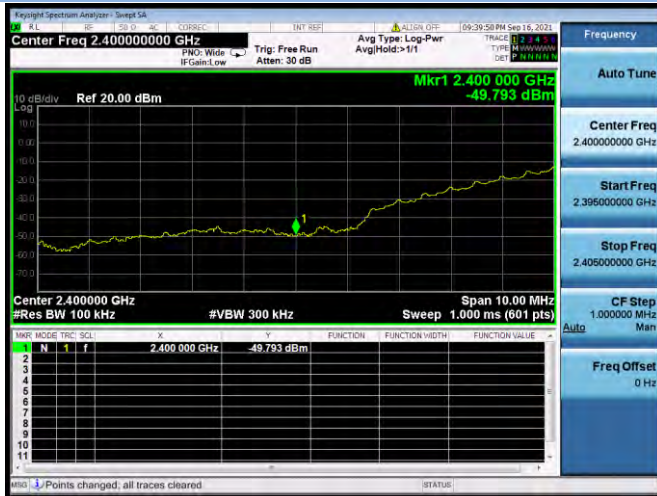
802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.85	-1.17	-21.17	Pass
High Channel	-49.67	-0.57	-20.57	Pass

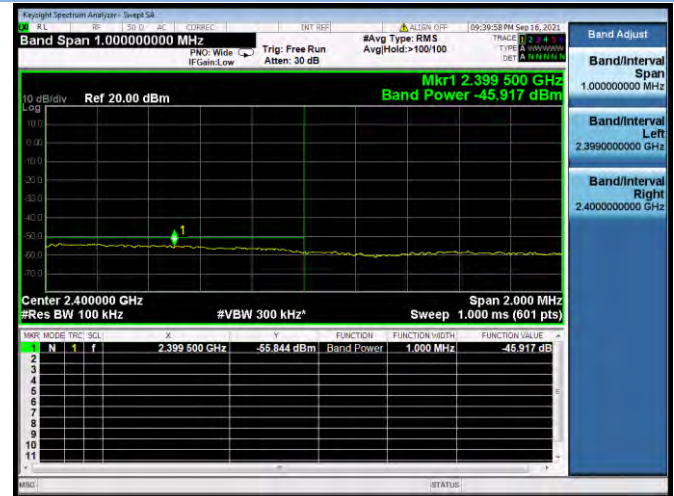
Test Plots

MIMO-Main Antenna

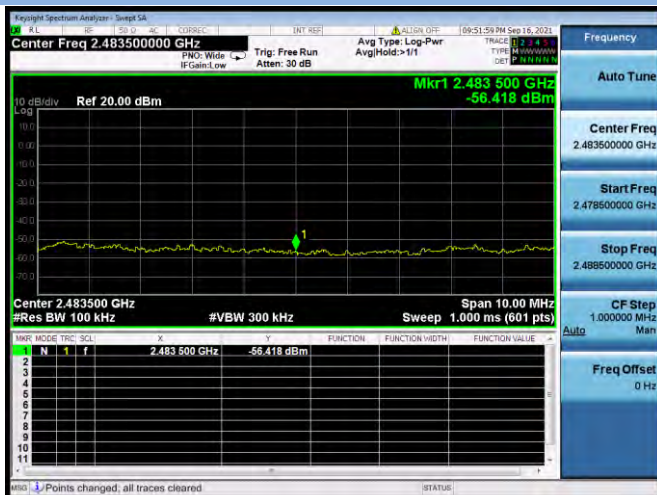
802.11b LOW CHANNEL, Carrier level



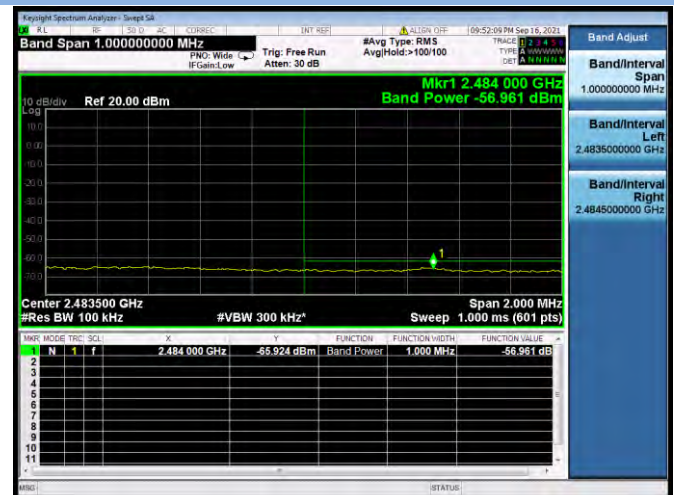
802.11b LOW CHANNEL, Reference level



802.11b HIGH CHANNEL, Carrier level



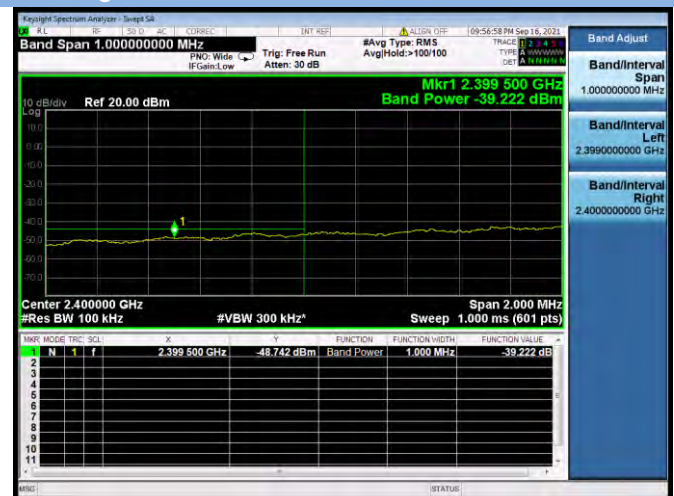
802.11b HIGH CHANNEL, Reference level



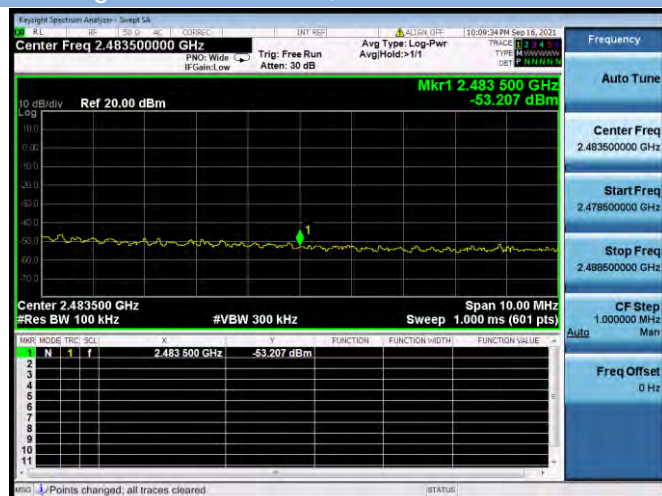
802.11g LOW CHANNEL, Carrier level



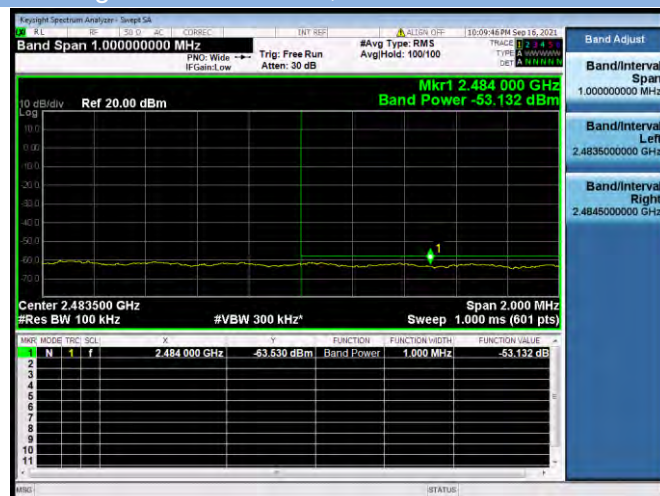
802.11g LOW CHANNEL, Reference level



802.11g HIGH CHANNEL, Carrier level



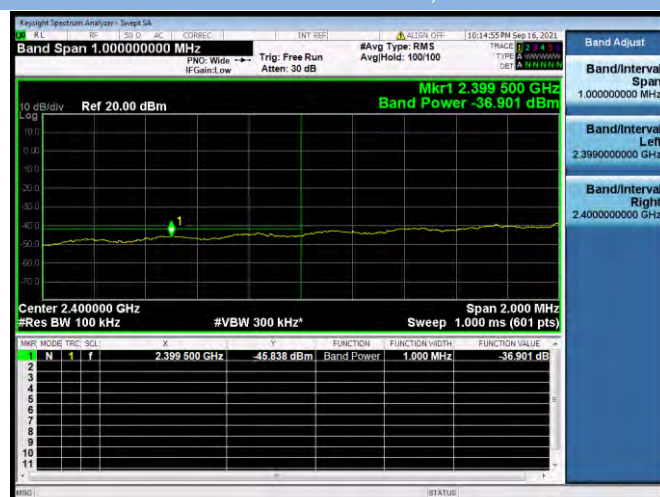
802.11g HIGH CHANNEL, Reference level



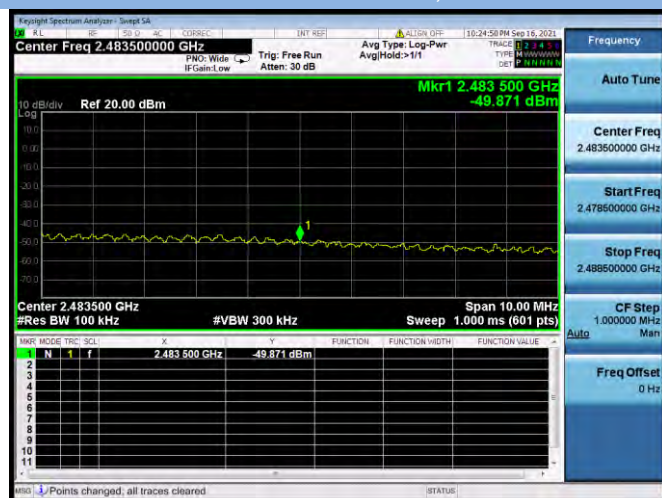
802.11n-20 MHz LOW CHANNEL, Carrier level



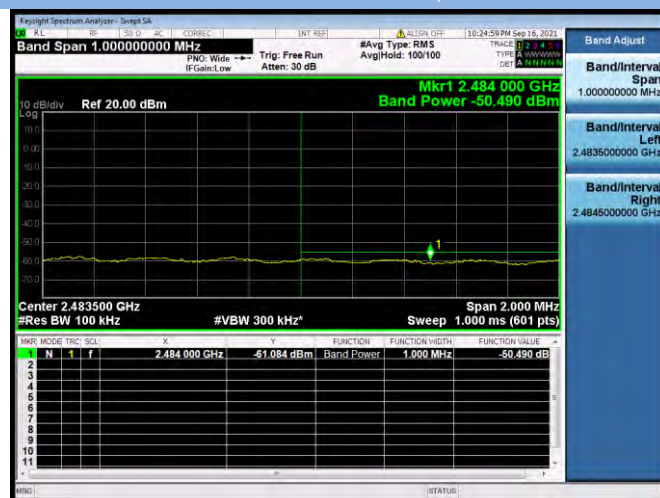
802.11n-20 MHz LOW CHANNEL, Reference level



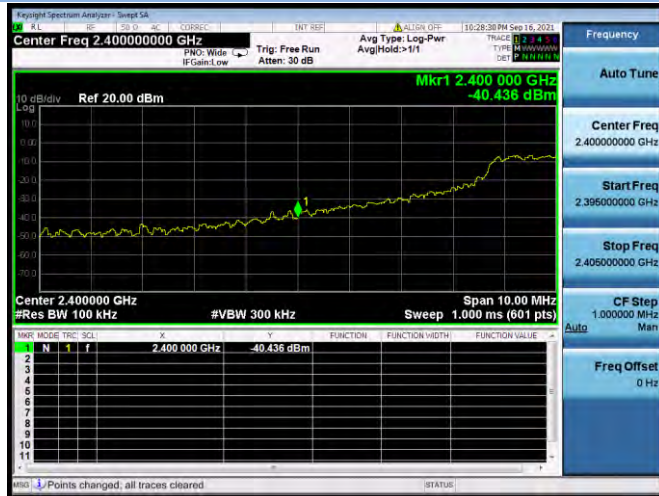
802.11n-20 MHz HIGH CHANNEL, Carrier level



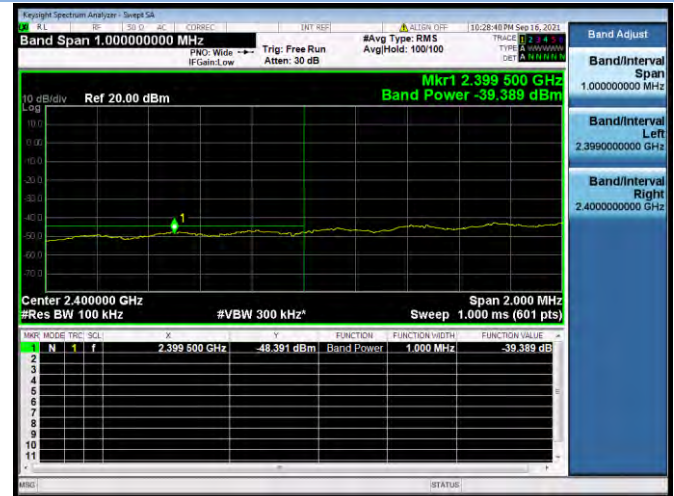
802.11n-20 MHz HIGH CHANNEL, Reference level



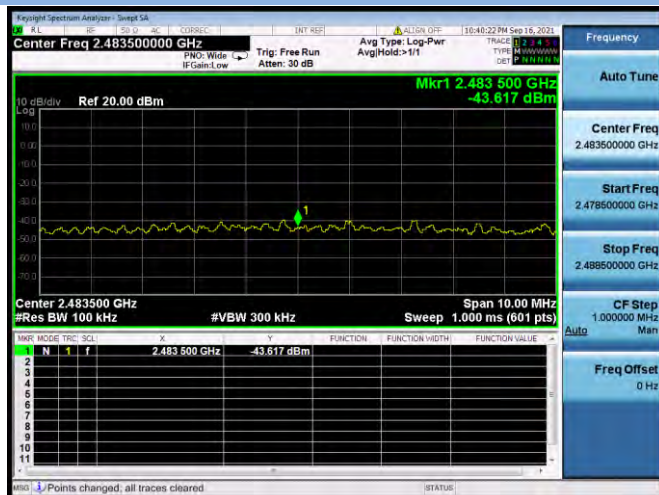
802.11n-40 MHz LOW CHANNEL, Carrier level



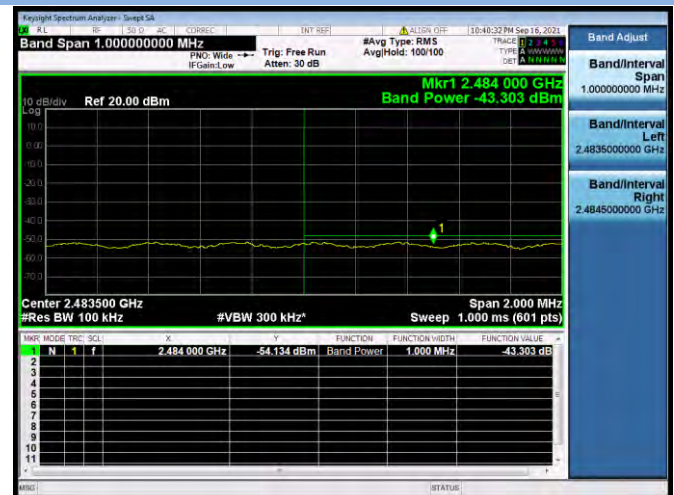
802.11n-40 MHz LOW CHANNEL, Reference level



802.11n-40 MHz HIGH CHANNEL, Carrier level



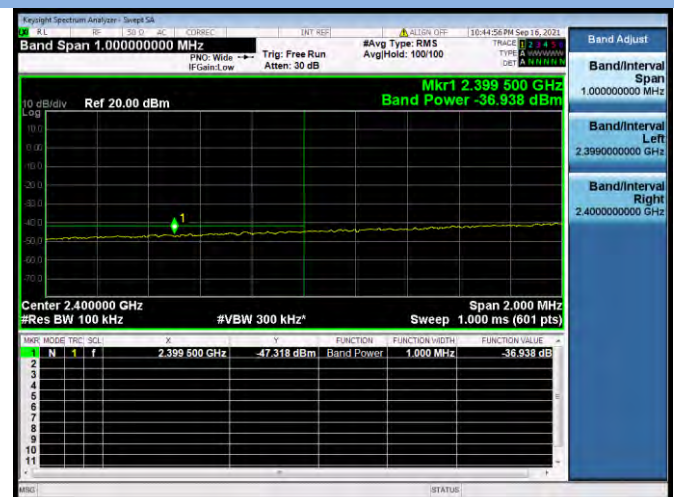
802.11n-40 MHz HIGH CHANNEL, Reference level



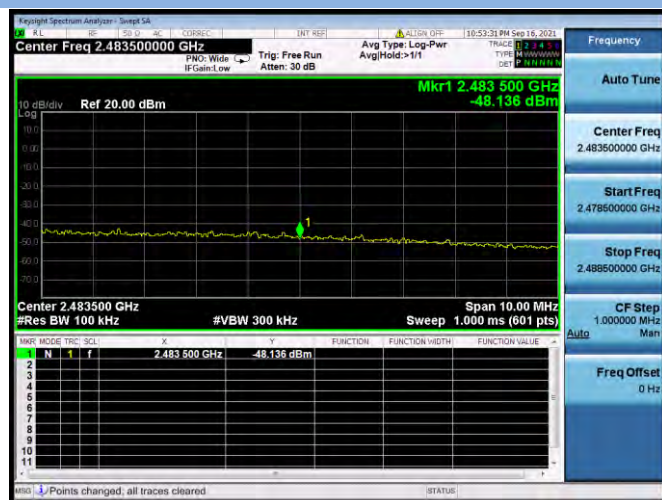
802.11ax-20 MHz(SU) LOW CHANNEL, Carrier level



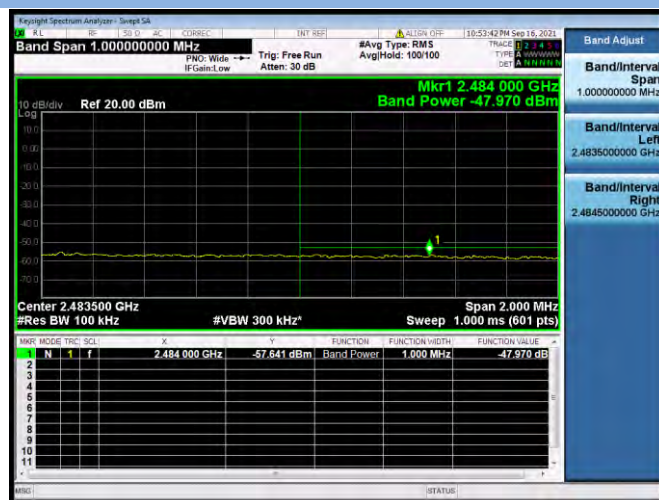
802.11ax-20 MHz(SU) LOW CHANNEL, Reference level



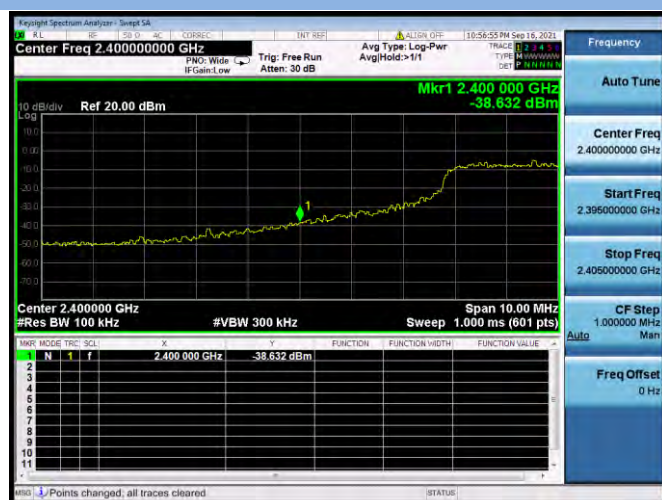
802.11ax-20 MHz(SU) HIGH CHANNEL, Carrier level



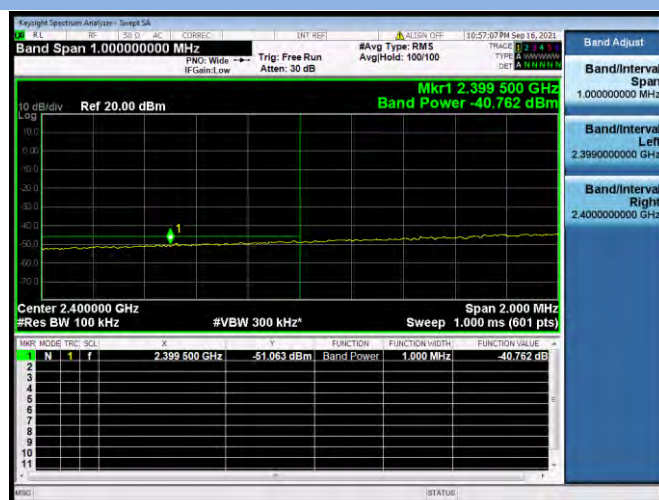
802.11ax-20 MHz(SU) HIGH CHANNEL, Reference level



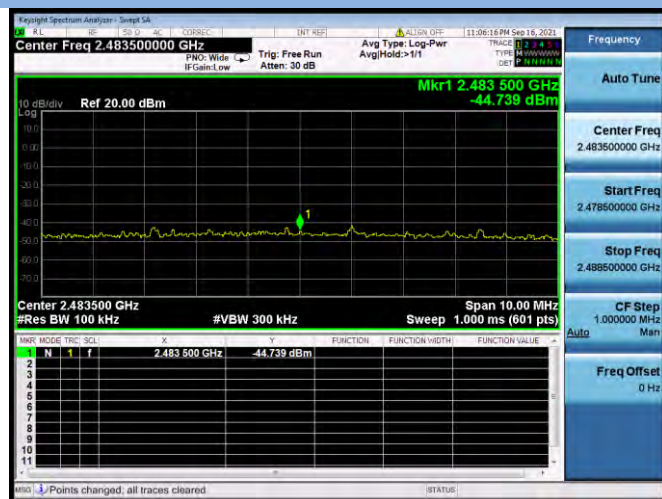
802.11ax-40 MHz(SU) LOW CHANNEL, Carrier level



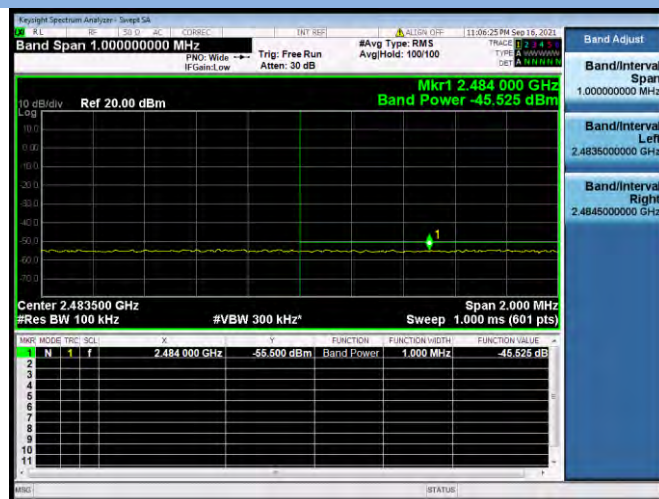
802.11ax-40 MHz(SU) LOW CHANNEL, Reference level



802.11ax-40 MHz(SU) HIGH CHANNEL, Carrier level



802.11ax-40 MHz(SU) HIGH CHANNEL, Reference level

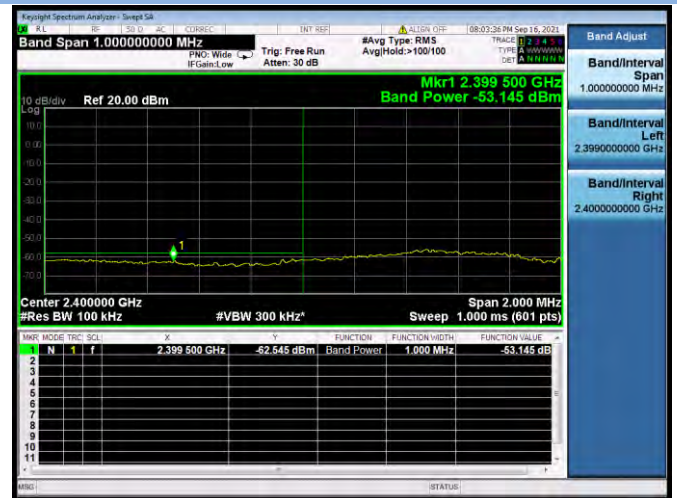


MIMO-Aux. Antenna

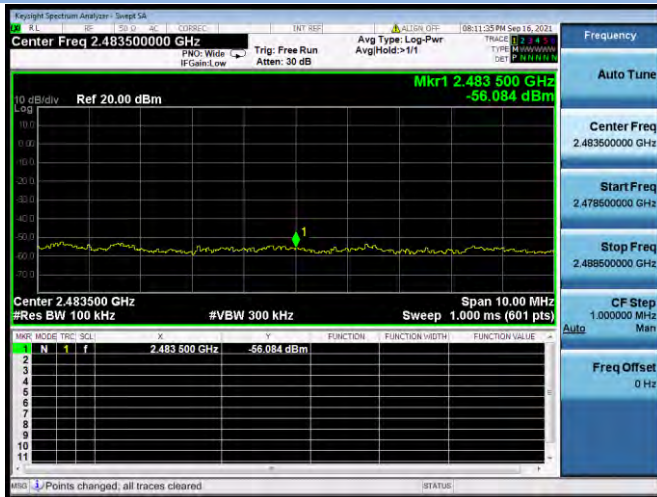
802.11b LOW CHANNEL, Carrier level



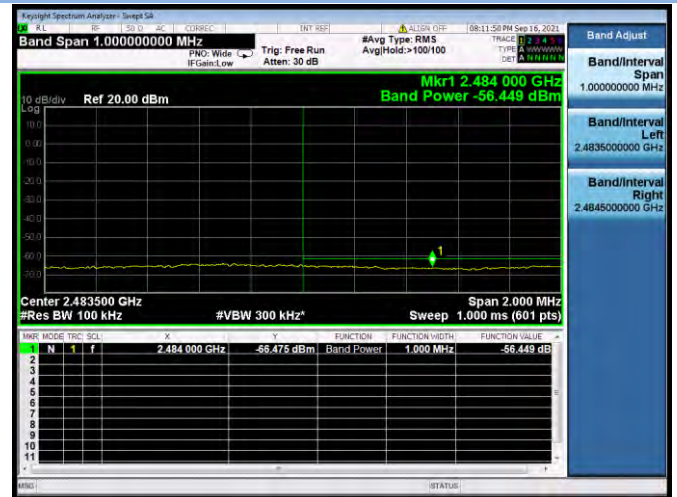
802.11b LOW CHANNEL, Reference level



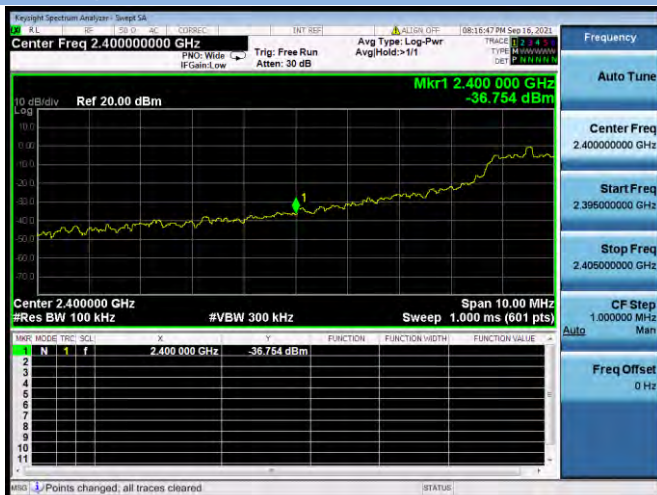
802.11b HIGH CHANNEL, Carrier level



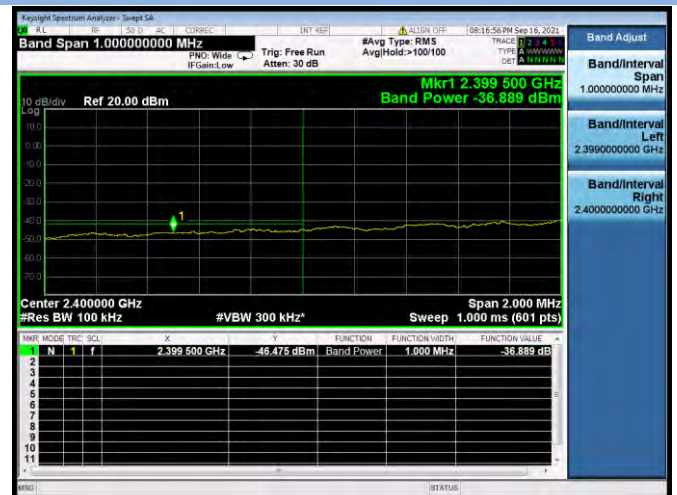
802.11b HIGH CHANNEL, Reference level



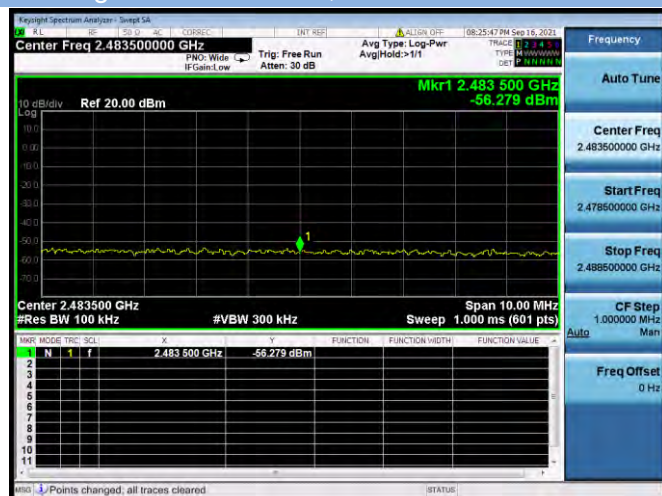
802.11g LOW CHANNEL, Carrier level



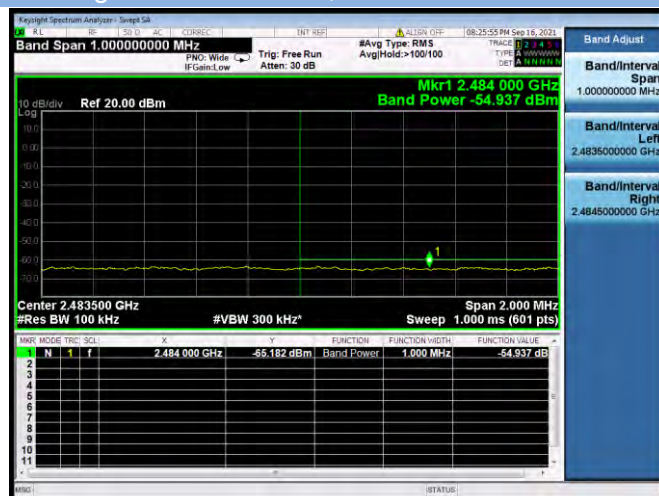
802.11g LOW CHANNEL, Reference level



802.11g HIGH CHANNEL, Carrier level



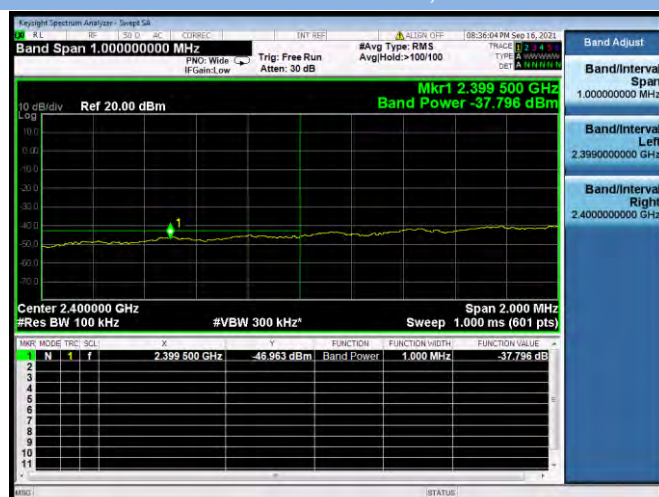
802.11g HIGH CHANNEL, Reference level



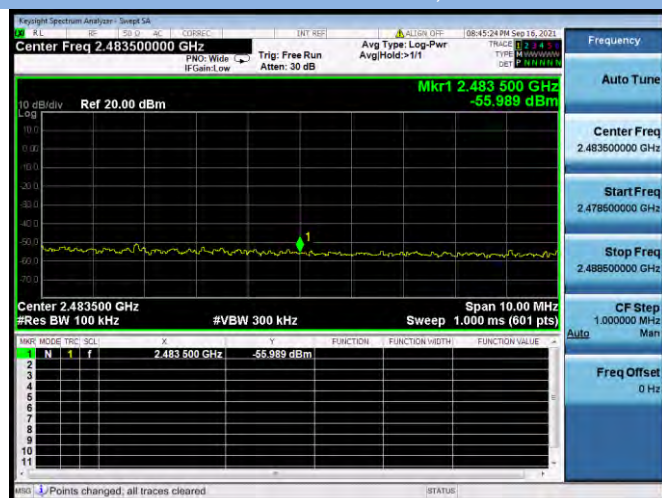
802.11n-20 MHz LOW CHANNEL, Carrier level



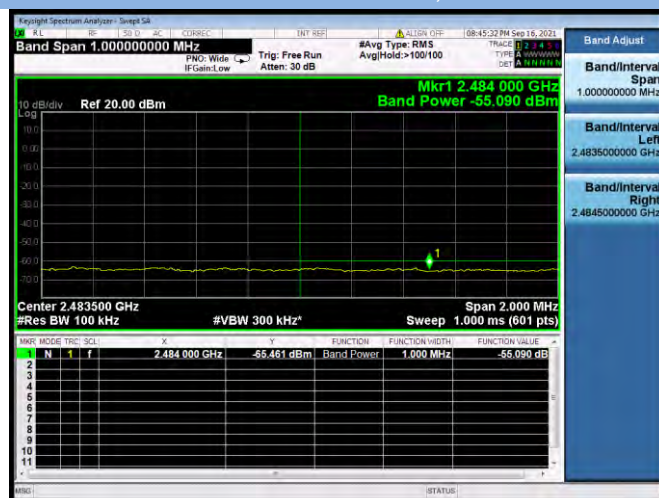
802.11n-20 MHz LOW CHANNEL, Reference level



802.11n-20 MHz HIGH CHANNEL, Carrier level



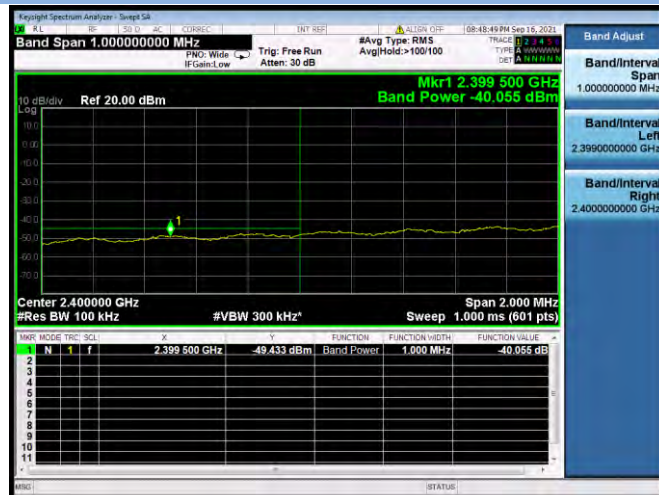
802.11n-20 MHz HIGH CHANNEL, Reference level



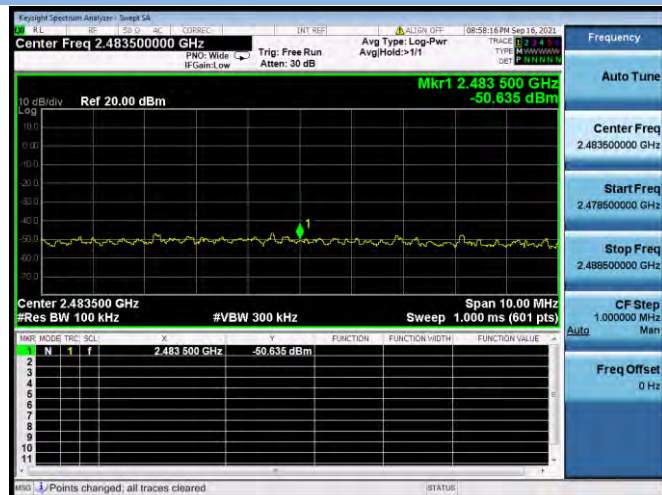
802.11n-40 MHz LOW CHANNEL, Carrier level



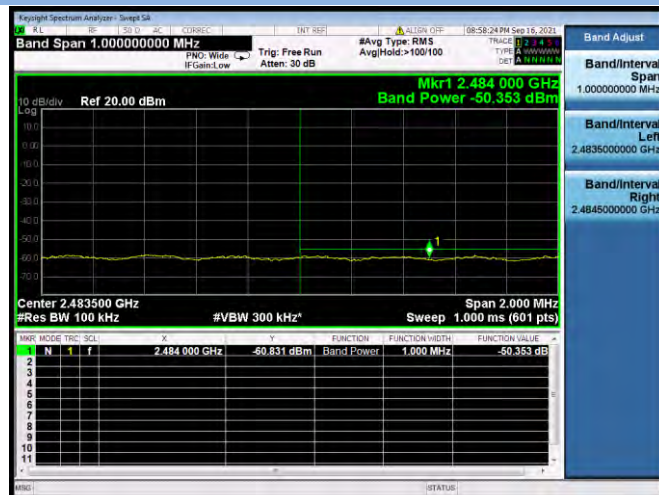
802.11n-40 MHz LOW CHANNEL, Reference level



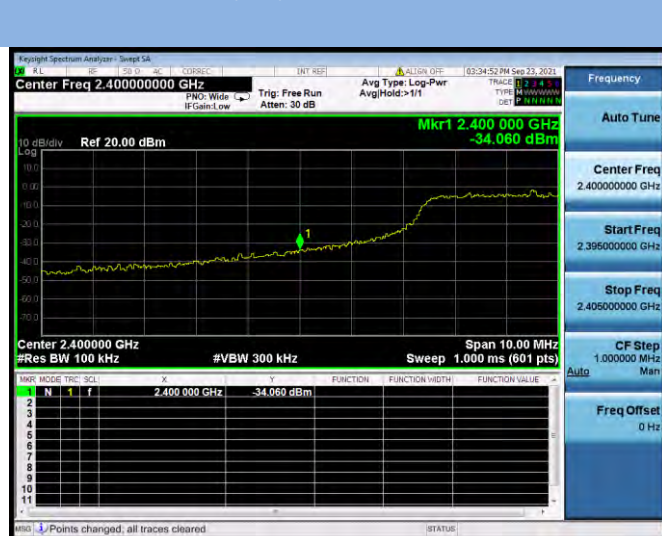
802.11n-40 MHz HIGH CHANNEL, Carrier level



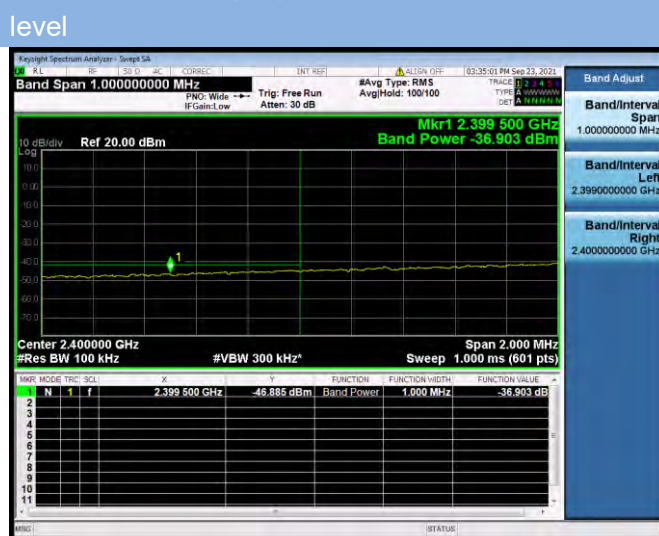
802.11n-40 MHz HIGH CHANNEL, Reference level



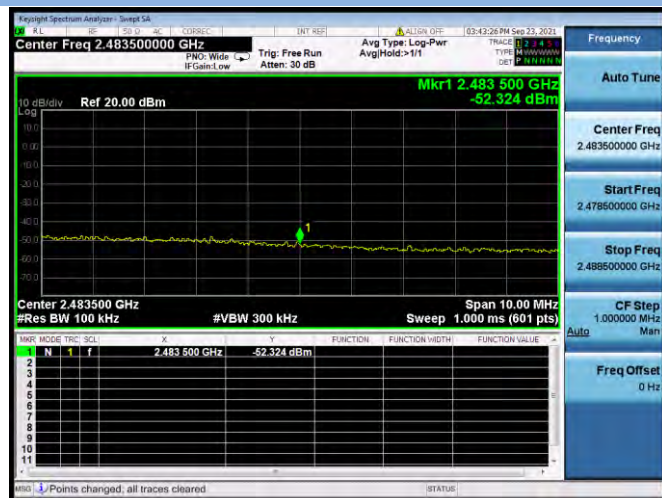
802.11ax-20 MHz(SU) LOW CHANNEL, Carrier level



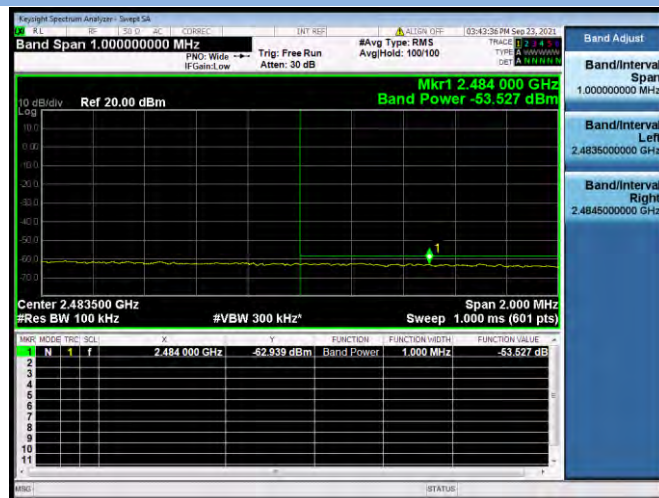
802.11ax-20 MHz(SU) LOW CHANNEL, Reference level



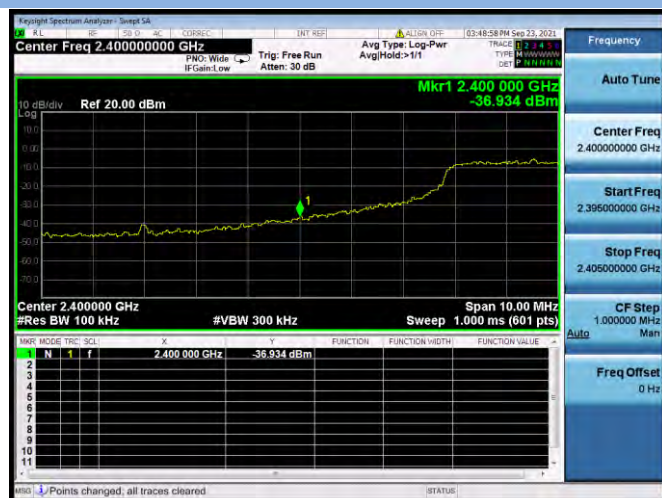
802.11ax-20 MHz(SU) HIGH CHANNEL, Carrier level



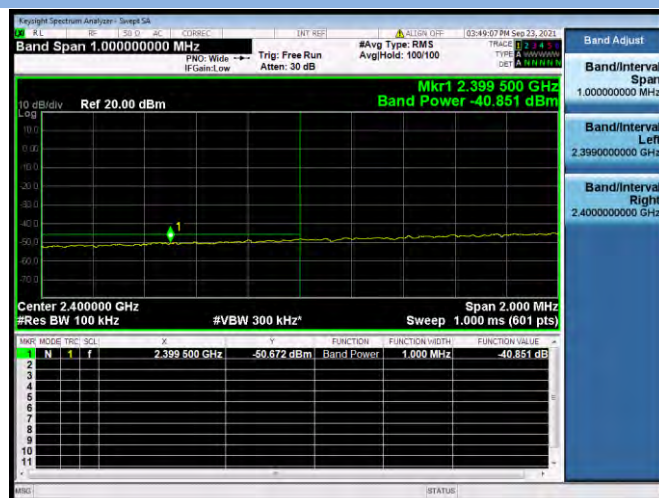
802.11ax-20 MHz(SU) HIGH CHANNEL, Reference level



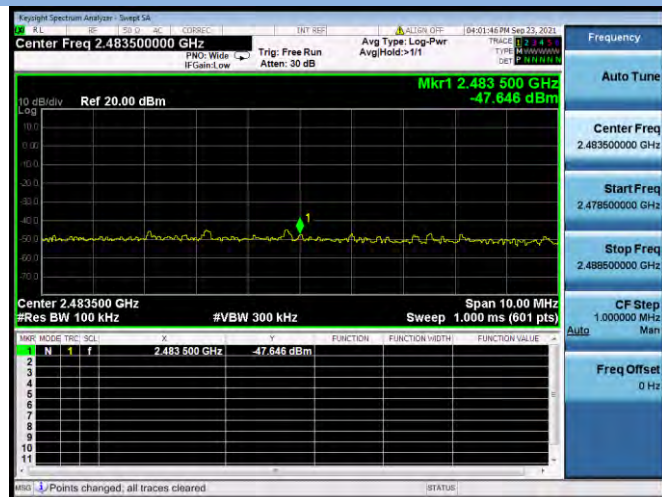
802.11ax-40 MHz(SU) LOW CHANNEL, Carrier level



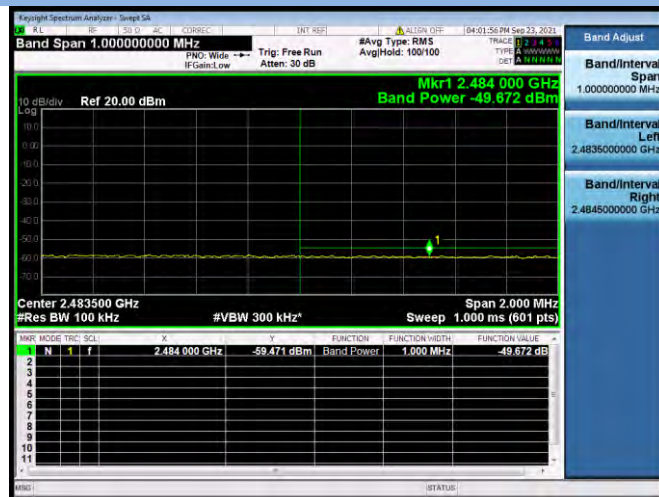
802.11ax-40 MHz(SU) LOW CHANNEL, Reference level



802.11ax-40 MHz(SU) HIGH CHANNEL, Carrier level



802.11ax-40 MHz(SU) HIGH CHANNEL, Reference level



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.

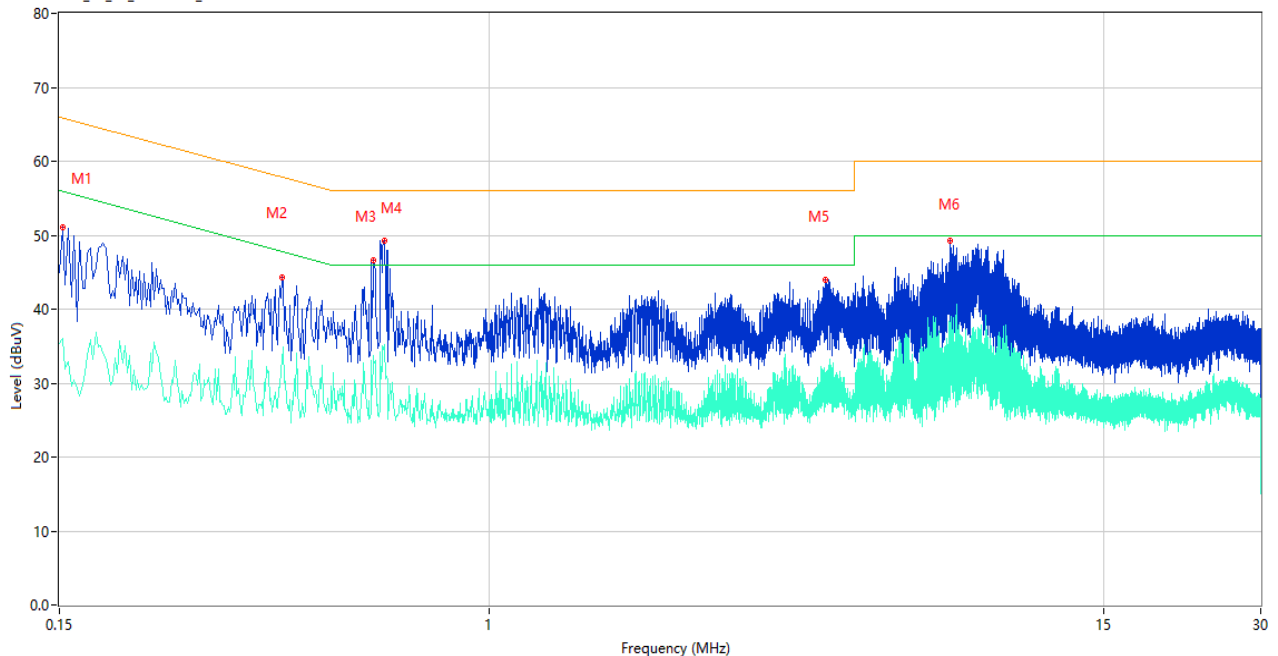
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration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

Note ³: The product comes with two adapters (3.25A/65W and 6.75A/135W) and two cpus (AMD R7 5800H and AMD R5 5600H). All configuration modes have been tested, but only the worst configuration (AMD R7 5800H+6.75A/135W) is shown in this report.

Test Data and Plots

PHASE L

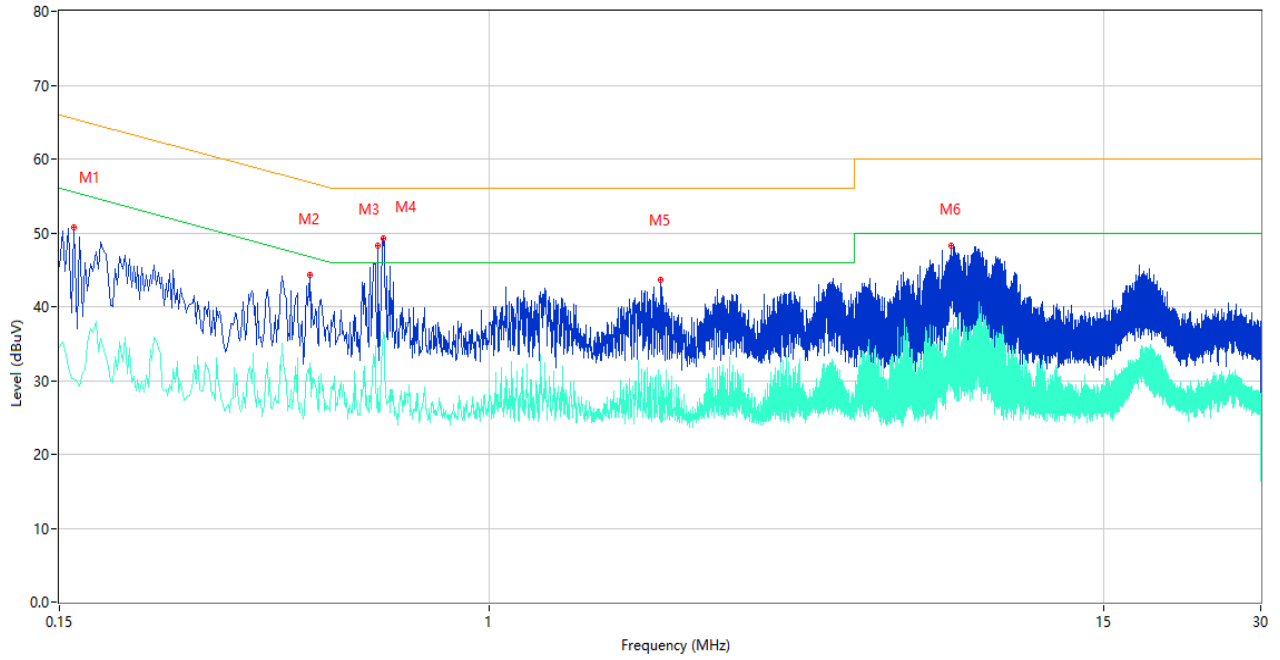
CE Test case_CE_EN 55032_ Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	51.16	10.99	65.89	-14.73	Peak	L	Pass
1**	0.152	36.09	10.99	55.89	-19.80	AV	L	Pass
2	0.400	44.33	10.90	57.85	-13.52	Peak	L	Pass
2**	0.400	33.09	10.90	47.85	-14.76	AV	L	Pass
3	0.600	46.68	10.88	56.00	-9.32	Peak	L	Pass
3**	0.600	33.10	10.88	46.00	-12.90	AV	L	Pass
4	0.628	49.26	10.86	56.00	-6.74	Peak	L	Pass
4**	0.628	36.21	10.86	46.00	-9.79	AV	L	Pass
5	4.408	43.98	10.70	56.00	-12.02	Peak	L	Pass
5**	4.408	31.25	10.70	46.00	-14.75	AV	L	Pass
6	7.622	49.22	10.67	60.00	-10.78	Peak	L	Pass
6**	7.622	38.19	10.67	50.00	-11.81	AV	L	Pass

PHASE N

CE Test case_CE_EN 55032_ Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	50.74	10.99	65.46	-14.72	Peak	N	Pass
1**	0.160	30.32	10.99	55.46	-25.14	AV	N	Pass
2	0.452	44.25	10.91	56.84	-12.59	Peak	N	Pass
2**	0.452	32.33	10.91	46.84	-14.51	AV	N	Pass
3	0.612	48.22	10.87	56.00	-7.78	Peak	N	Pass
3**	0.612	28.94	10.87	46.00	-17.06	AV	N	Pass
4	0.626	49.20	10.87	56.00	-6.80	Peak	N	Pass
4**	0.626	37.60	10.87	46.00	-8.40	AV	N	Pass
5	2.130	43.57	10.74	56.00	-12.43	Peak	N	Pass
5**	2.130	30.82	10.74	46.00	-15.18	AV	N	Pass
6	7.644	48.22	10.67	60.00	-11.78	Peak	N	Pass
6**	7.644	32.27	10.67	50.00	-17.73	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.

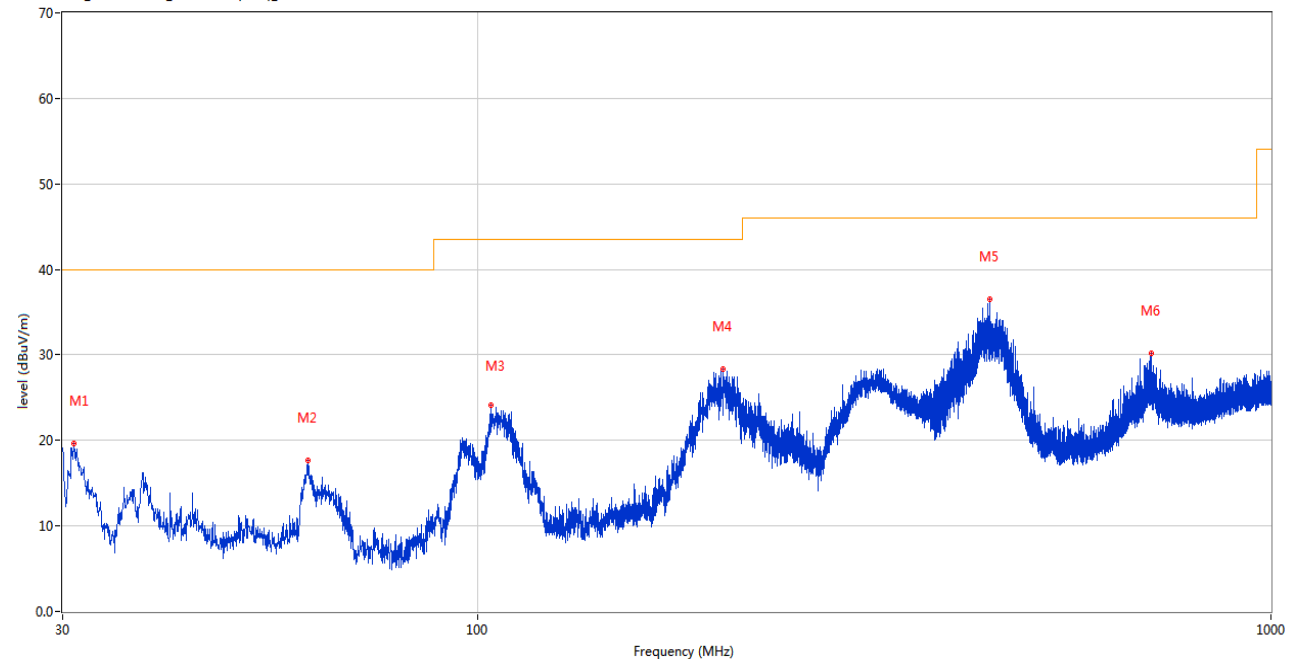
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note⁵: The product comes with two adapters (3.25A/65W and 6.75A/135W) and two cpus (AMD R7 5800H and AMD R5 5600H). All configuration modes have been tested, but only the worst configuration (AMD R7 5800H+6.75A/135W) is shown in this report.

Test Data and Plots

30 MHz to 1 GHz, ANT H

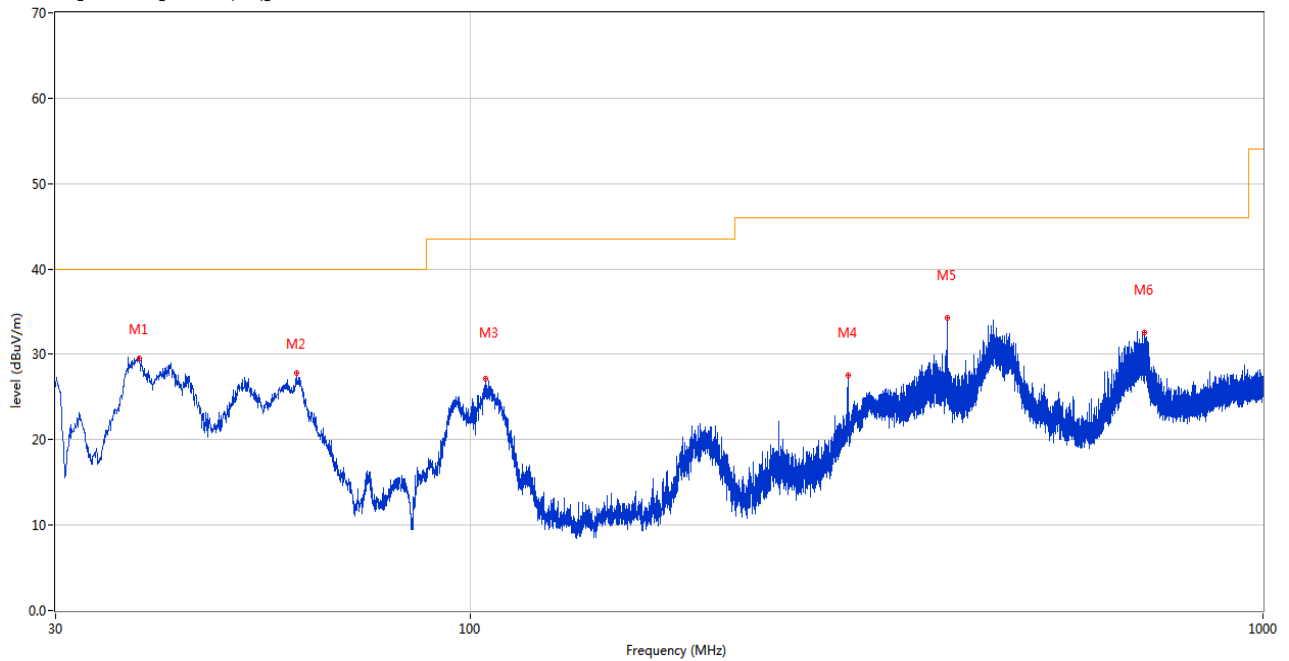
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.970	19.64	-27.17	40.0	-20.36	Peak	333.00	100	Horizontal	Pass
2	61.185	17.61	-27.41	40.0	-22.39	Peak	0.00	100	Horizontal	Pass
3	104.011	24.10	-28.84	43.5	-19.40	Peak	132.00	100	Horizontal	Pass
4	203.776	28.35	-28.57	43.5	-15.15	Peak	0.00	100	Horizontal	Pass
5	442.056	36.53	-20.31	46.0	-9.47	Peak	172.00	100	Horizontal	Pass
6	706.138	30.23	-14.30	46.0	-15.77	Peak	132.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.294	29.53	-26.38	40.0	-10.47	Peak	325.00	100	Vertical	Pass
2	60.410	27.76	-27.60	40.0	-12.24	Peak	299.00	100	Vertical	Pass
3	104.739	27.16	-28.76	43.5	-16.34	Peak	5.00	100	Vertical	Pass
4	299.902	27.52	-24.01	46.0	-18.48	Peak	343.00	100	Vertical	Pass
5	399.909	34.30	-21.53	46.0	-11.70	Peak	0.00	200	Vertical	Pass
6	708.224	32.60	-14.55	46.0	-13.40	Peak	27.00	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.

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1082.100	40.65	-14.93	74.0	-33.35	Peak	0.00	150	Horizontal	Pass
1**	1082.100	30.77	-14.93	54.0	-23.23	AV	0.00	150	Horizontal	Pass
2	2411.000	93.91	-10.37	74.0	19.91	Peak	262.00	150	Horizontal	N/A
2**	2411.000	92.19	-10.37	54.0	38.19	AV	262.00	150	Horizontal	N/A
3	4773.600	48.13	-2.22	74.0	-25.87	Peak	322.00	150	Horizontal	Pass
3**	4773.600	38.62	-2.22	54.0	-15.38	AV	322.00	150	Horizontal	Pass
4	6752.600	52.64	4.33	74.0	-21.36	Peak	219.00	150	Horizontal	Pass
4**	6752.600	42.05	4.33	54.0	-11.95	AV	219.00	150	Horizontal	Pass
5	9636.088	47.81	18.92	74.0	-26.19	Peak	258.00	150	Horizontal	Pass
5**	9636.088	36.82	18.92	54.0	-17.18	AV	258.00	150	Horizontal	Pass
6	17483.926	55.94	23.96	74.0	-18.06	Peak	104.00	150	Horizontal	Pass
6**	17483.926	44.31	23.96	54.0	-9.69	AV	104.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.800	42.78	-14.91	74.0	-31.22	Peak	133.00	150	Vertical	Pass
1**	1080.800	33.98	-14.91	54.0	-20.02	AV	133.00	150	Vertical	Pass
2	2411.100	97.40	-10.37	74.0	23.40	Peak	339.00	150	Vertical	N/A
2**	2411.100	95.85	-10.37	54.0	41.85	AV	339.00	150	Vertical	N/A
3	4653.000	47.83	-1.71	74.0	-26.17	Peak	188.00	150	Vertical	Pass
3**	4653.000	37.82	-1.71	54.0	-16.18	AV	188.00	150	Vertical	Pass
4	6761.800	51.85	4.13	74.0	-22.15	Peak	6.00	150	Vertical	Pass
4**	6761.800	44.01	4.13	54.0	-9.99	AV	6.00	150	Vertical	Pass
5	9611.650	48.23	18.78	74.0	-25.77	Peak	316.00	150	Vertical	Pass
5**	9611.650	35.67	18.78	54.0	-18.33	AV	316.00	150	Vertical	Pass
6	17241.113	56.06	24.21	74.0	-17.94	Peak	109.00	150	Vertical	Pass
6**	17241.113	44.15	24.21	54.0	-9.85	AV	109.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.700	39.54	-15.11	74.0	-34.46	Peak	259.00	150	Horizontal	Pass
1**	1599.700	26.25	-15.11	54.0	-27.75	AV	259.00	150	Horizontal	Pass
2	2437.800	92.39	-10.60	74.0	18.39	Peak	125.00	150	Horizontal	N/A
2**	2437.800	90.13	-10.60	54.0	36.13	AV	125.00	150	Horizontal	N/A
3	2476.200	47.04	-10.48	74.0	-26.96	Peak	131.00	150	Horizontal	Pass
3**	2476.200	43.84	-10.48	54.0	-10.16	AV	131.00	150	Horizontal	Pass
4	6570.400	51.12	2.99	74.0	-22.88	Peak	337.00	150	Horizontal	Pass
4**	6570.400	41.44	2.99	54.0	-12.56	AV	337.00	150	Horizontal	Pass
5	9993.737	47.84	17.67	74.0	-26.16	Peak	42.00	150	Horizontal	Pass
5**	9993.737	36.78	17.67	54.0	-17.22	AV	42.00	150	Horizontal	Pass
6	15889.762	54.28	23.31	74.0	-19.72	Peak	21.00	150	Horizontal	Pass
6**	15889.762	42.28	23.31	54.0	-11.72	AV	21.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	39.84	-15.18	74.0	-34.16	Peak	9.00	150	Vertical	Pass
1**	1597.000	25.54	-15.18	54.0	-28.46	AV	9.00	150	Vertical	Pass
2	2437.800	97.41	-10.60	74.0	23.41	Peak	334.00	150	Vertical	N/A
2**	2437.800	95.27	-10.60	54.0	41.27	AV	334.00	150	Vertical	N/A
3	4848.400	49.62	-1.25	74.0	-24.38	Peak	23.00	150	Vertical	Pass
3**	4848.400	38.96	-1.25	54.0	-15.04	AV	23.00	150	Vertical	Pass
4	6752.600	53.17	4.33	74.0	-20.83	Peak	188.00	150	Vertical	Pass
4**	6752.600	41.63	4.33	54.0	-12.37	AV	188.00	150	Vertical	Pass
5	9069.425	48.75	18.18	74.0	-25.25	Peak	153.00	150	Vertical	Pass
5**	9069.425	37.08	18.18	54.0	-16.92	AV	153.00	150	Vertical	Pass
6	15938.326	54.91	23.88	74.0	-19.09	Peak	129.00	150	Vertical	Pass
6**	15938.326	44.09	23.88	54.0	-9.91	AV	129.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.100	41.53	-15.19	74.0	-32.47	Peak	196.00	150	Horizontal	Pass
1**	1597.100	25.33	-15.19	54.0	-28.67	AV	196.00	150	Horizontal	Pass
2	2462.800	92.92	-10.46	74.0	18.92	Peak	145.00	150	Horizontal	N/A
2**	2462.800	90.89	-10.46	54.0	36.89	AV	145.00	150	Horizontal	N/A
3	4880.000	48.52	-1.25	74.0	-25.48	Peak	204.00	150	Horizontal	Pass
3**	4880.000	39.27	-1.25	54.0	-14.73	AV	204.00	150	Horizontal	Pass
4	6967.800	52.28	5.10	74.0	-21.72	Peak	204.00	150	Horizontal	Pass
4**	6967.800	42.46	5.10	54.0	-11.54	AV	204.00	150	Horizontal	Pass
5	9937.675	49.39	17.84	74.0	-24.61	Peak	287.00	150	Horizontal	Pass
5**	9937.675	36.72	17.84	54.0	-17.28	AV	287.00	150	Horizontal	Pass
6	15950.401	55.20	23.95	74.0	-18.80	Peak	0.00	150	Horizontal	Pass
6**	15950.401	42.56	23.95	54.0	-11.44	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.500	40.66	-15.23	74.0	-33.34	Peak	191.00	150	Vertical	Pass
1**	1597.500	27.36	-15.23	54.0	-26.64	AV	191.00	150	Vertical	Pass
2	2462.800	96.55	-10.46	74.0	22.55	Peak	15.00	150	Vertical	N/A
2**	2462.800	94.48	-10.46	54.0	40.48	AV	15.00	150	Vertical	N/A
3	4315.200	47.09	-3.21	74.0	-26.91	Peak	8.00	150	Vertical	Pass
3**	4315.200	37.02	-3.21	54.0	-16.98	AV	8.00	150	Vertical	Pass
4	6599.000	51.95	3.09	74.0	-22.05	Peak	104.00	150	Vertical	Pass
4**	6599.000	41.52	3.09	54.0	-12.48	AV	104.00	150	Vertical	Pass
5	10387.900	48.70	18.46	74.0	-25.30	Peak	109.00	150	Vertical	Pass
5**	10387.900	36.45	18.46	54.0	-17.55	AV	109.00	150	Vertical	Pass
6	17433.262	55.54	23.64	74.0	-18.46	Peak	220.00	150	Vertical	Pass
6**	17433.262	45.08	23.64	54.0	-8.92	AV	220.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1311.600	37.14	-14.67	74.0	-36.86	Peak	225.00	150	Horizontal	Pass
1**	1311.600	27.37	-14.67	54.0	-26.63	AV	225.00	150	Horizontal	Pass
2	2410.300	101.74	-10.41	74.0	27.74	Peak	249.00	150	Horizontal	N/A
2**	2410.300	95.27	-10.41	54.0	41.27	AV	249.00	150	Horizontal	N/A
3	4430.600	47.68	-2.22	74.0	-26.32	Peak	358.00	150	Horizontal	Pass
3**	4430.600	37.82	-2.22	54.0	-16.18	AV	358.00	150	Horizontal	Pass
4	6652.400	53.23	4.62	74.0	-20.77	Peak	192.00	150	Horizontal	Pass
4**	6652.400	42.93	4.62	54.0	-11.07	AV	192.00	150	Horizontal	Pass
5	9395.162	48.33	17.34	74.0	-25.67	Peak	15.00	150	Horizontal	Pass
5**	9395.162	37.32	17.34	54.0	-16.68	AV	15.00	150	Horizontal	Pass
6	15936.224	55.49	23.86	74.0	-18.51	Peak	154.00	150	Horizontal	Pass
6**	15936.224	43.62	23.86	54.0	-10.38	AV	154.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1077.500	38.70	-15.03	74.0	-35.30	Peak	197.00	150	Vertical	Pass
1**	1077.500	25.02	-15.03	54.0	-28.98	AV	197.00	150	Vertical	Pass
2	2411.000	99.93	-10.37	74.0	25.93	Peak	319.00	150	Vertical	N/A
2**	2411.000	94.23	-10.37	54.0	40.23	AV	319.00	150	Vertical	N/A
3	4389.400	47.27	-3.52	74.0	-26.73	Peak	299.00	150	Vertical	Pass
3**	4389.400	37.80	-3.52	54.0	-16.20	AV	299.00	150	Vertical	Pass
4	6997.800	53.32	4.06	74.0	-20.68	Peak	52.00	150	Vertical	Pass
4**	6997.800	43.09	4.06	54.0	-10.91	AV	52.00	150	Vertical	Pass
5	9647.300	49.05	18.95	74.0	-24.95	Peak	305.00	150	Vertical	Pass
5**	9647.300	37.44	18.95	54.0	-16.56	AV	305.00	150	Vertical	Pass
6	15587.888	55.49	23.57	74.0	-18.51	Peak	203.00	150	Vertical	Pass
6**	15587.888	43.99	23.57	54.0	-10.01	AV	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.400	40.42	-15.25	74.0	-33.58	Peak	247.00	150	Horizontal	Pass
1**	1598.400	25.41	-15.25	54.0	-28.59	AV	247.00	150	Horizontal	Pass
2	2435.600	101.38	-10.62	74.0	27.38	Peak	123.00	150	Horizontal	N/A
2**	2435.600	94.90	-10.62	54.0	40.90	AV	123.00	150	Horizontal	N/A
3	4332.400	46.77	-2.91	74.0	-27.23	Peak	144.00	150	Horizontal	Pass
3**	4332.400	36.83	-2.91	54.0	-17.17	AV	144.00	150	Horizontal	Pass
4	6966.400	52.75	4.94	74.0	-21.25	Peak	27.00	150	Horizontal	Pass
4**	6966.400	43.82	4.94	54.0	-10.18	AV	27.00	150	Horizontal	Pass
5	9616.825	48.65	18.79	74.0	-25.35	Peak	106.00	150	Horizontal	Pass
5**	9616.825	37.98	18.79	54.0	-16.02	AV	106.00	150	Horizontal	Pass
6	15462.412	55.70	23.55	74.0	-18.30	Peak	190.00	150	Horizontal	Pass
6**	15462.412	44.89	23.55	54.0	-9.11	AV	190.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1172.900	36.54	-15.12	74.0	-37.46	Peak	290.00	150	Vertical	Pass
1**	1172.900	25.07	-15.12	54.0	-28.93	AV	290.00	150	Vertical	Pass
2	2435.500	101.04	-10.62	74.0	27.04	Peak	320.00	150	Vertical	N/A
2**	2435.500	93.69	-10.62	54.0	39.69	AV	320.00	150	Vertical	N/A
3	4438.200	47.49	-2.09	74.0	-26.51	Peak	138.00	150	Vertical	Pass
3**	4438.200	38.65	-2.09	54.0	-15.35	AV	138.00	150	Vertical	Pass
4	6923.200	52.74	4.29	74.0	-21.26	Peak	157.00	150	Vertical	Pass
4**	6923.200	43.09	4.29	54.0	-10.91	AV	157.00	150	Vertical	Pass
5	9412.125	48.62	17.35	74.0	-25.38	Peak	226.00	150	Vertical	Pass
5**	9412.125	38.19	17.35	54.0	-15.81	AV	226.00	150	Vertical	Pass
6	15480.787	55.19	23.66	74.0	-18.81	Peak	256.00	150	Vertical	Pass
6**	15480.787	43.85	23.66	54.0	-10.15	AV	256.00	150	Vertical	Pass