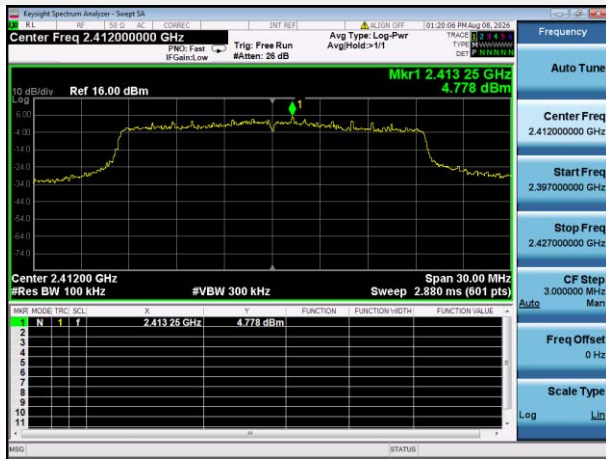
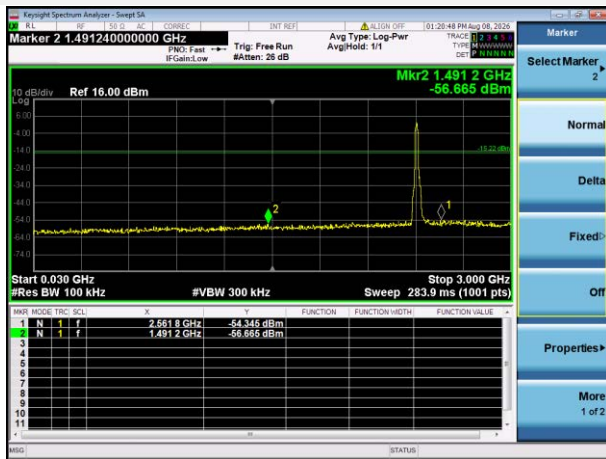


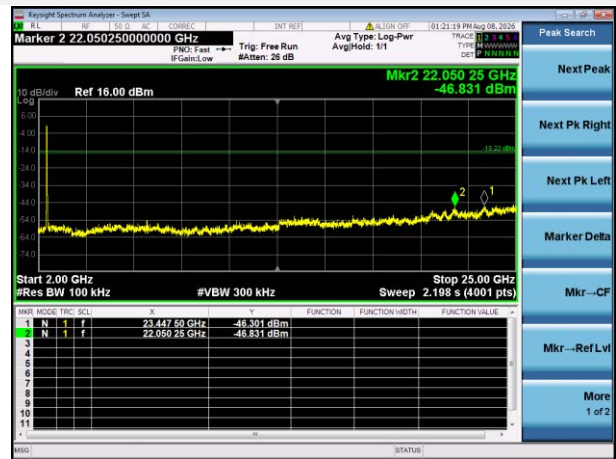
802.11ax-20 MHz (SU) LOW CHANNEL CARRIER LEVEL



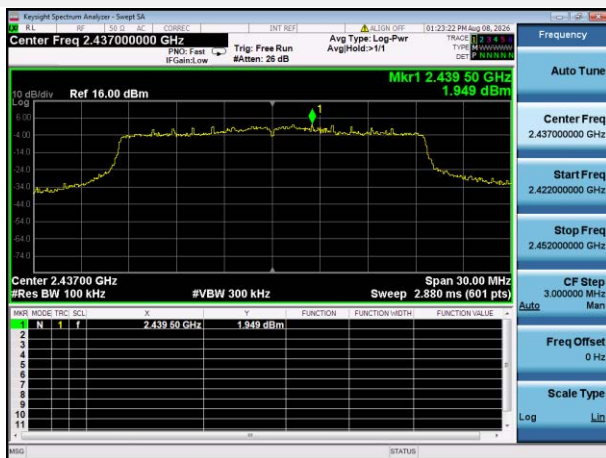
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



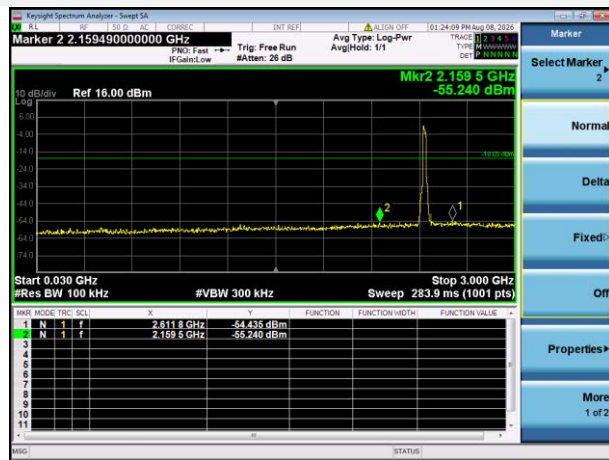
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



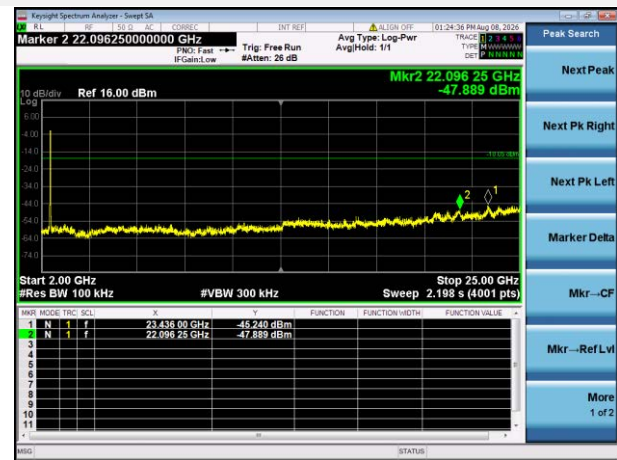
802.11ax-20 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



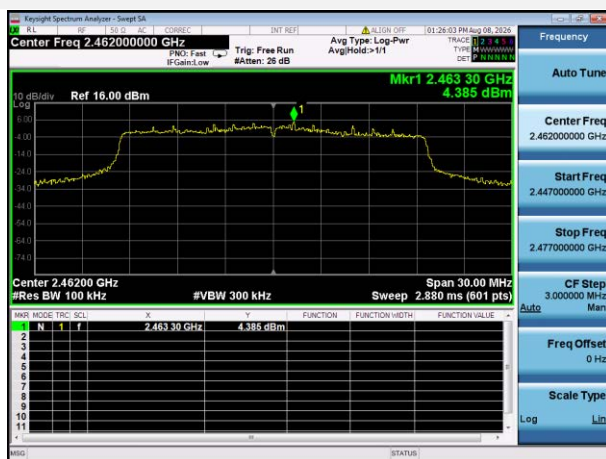
802.11ax-20 MHz (SU) MIDDLE CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



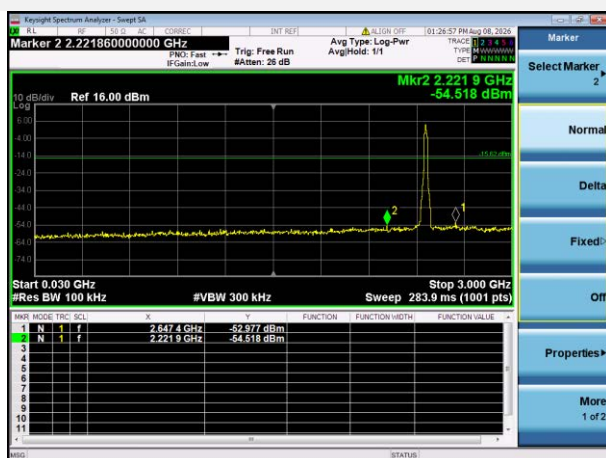
802.11ax-20 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
2 GHz ~ 25 GHz



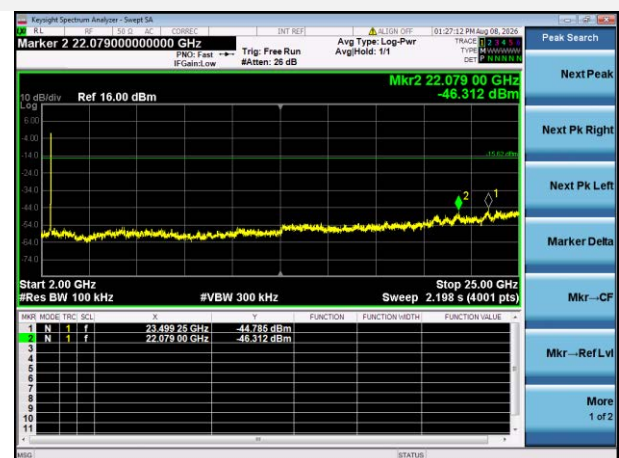
802.11ax-20 MHz (SU) HIGH CHANNEL CARRIER
LEVEL



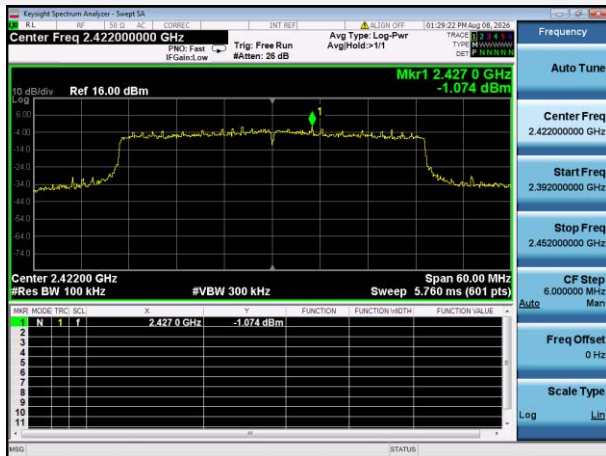
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



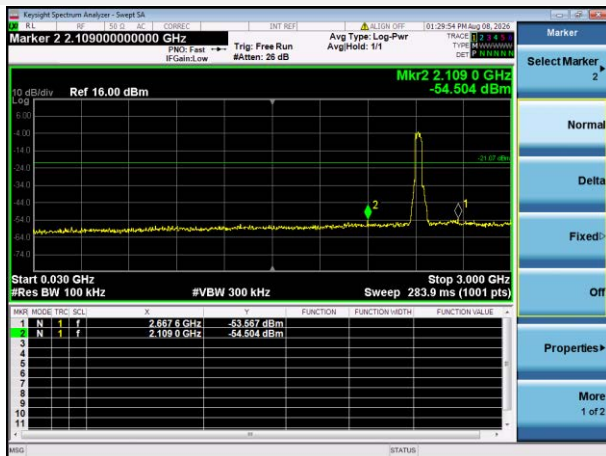
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



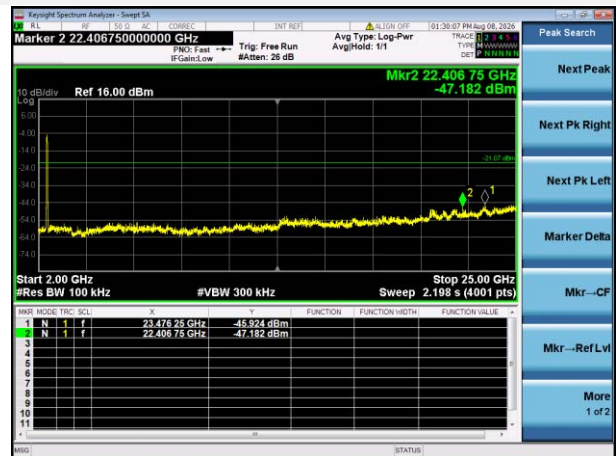
802.11ax-40 MHz (SU) LOW CHANNEL CARRIER LEVEL



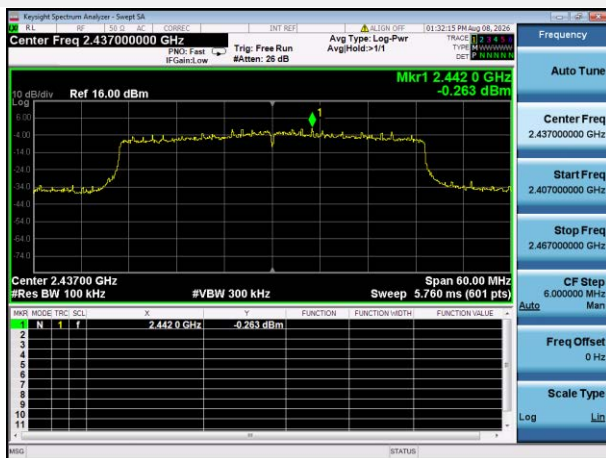
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



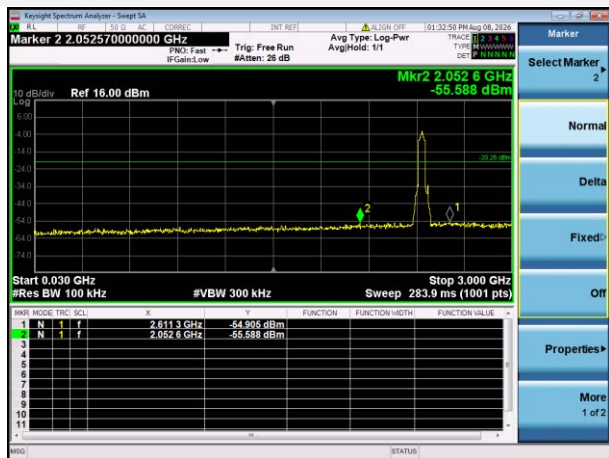
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



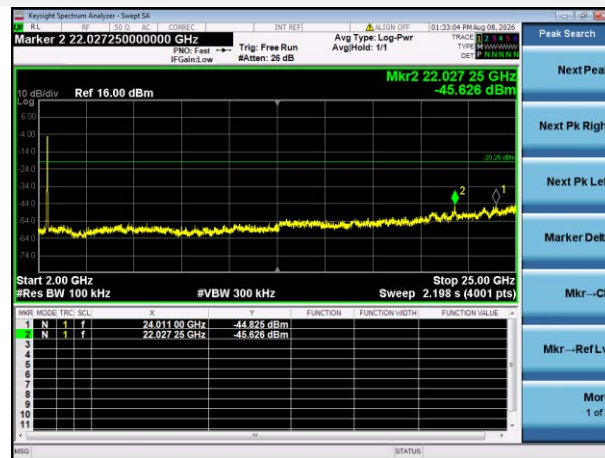
802.11ax-40 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



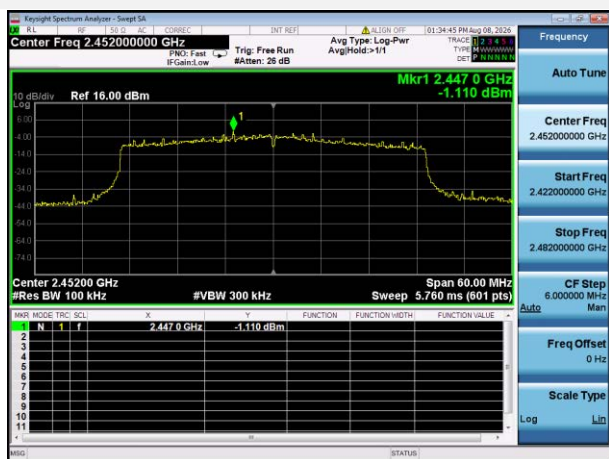
802.11ax-40 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
30 MHz ~ 3 GHz



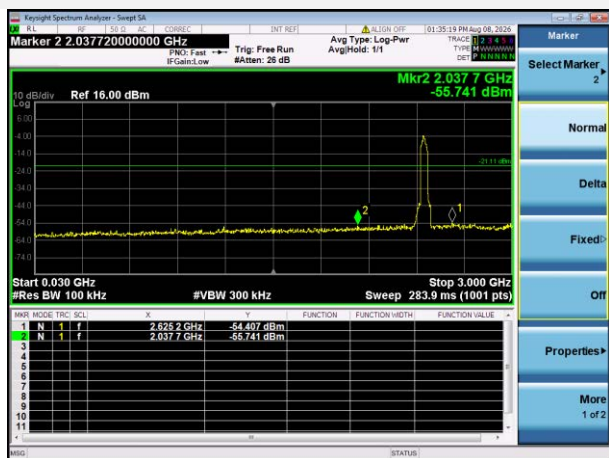
802.11ax-40 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
2 GHz ~ 25 GHz



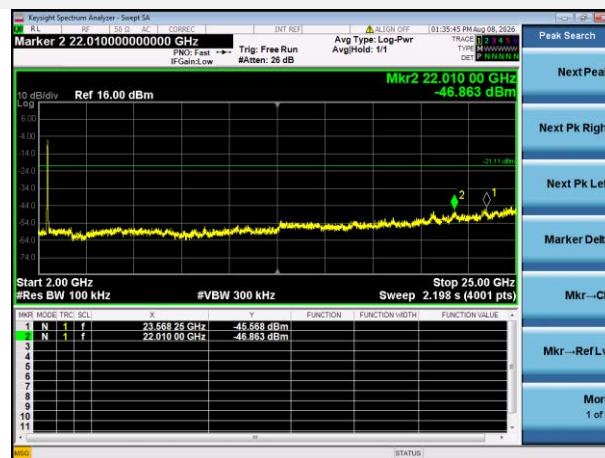
802.11ax-40 MHz (SU) HIGH CHANNEL CARRIER
LEVEL



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



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

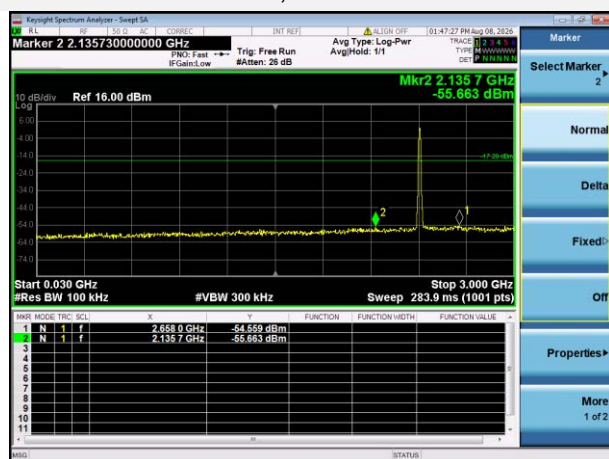
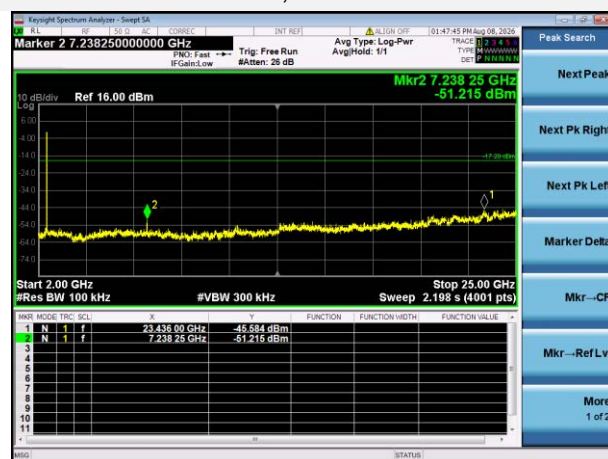


Aux. Antenna:

802.11b LOW CHANNEL CARRIER LEVEL



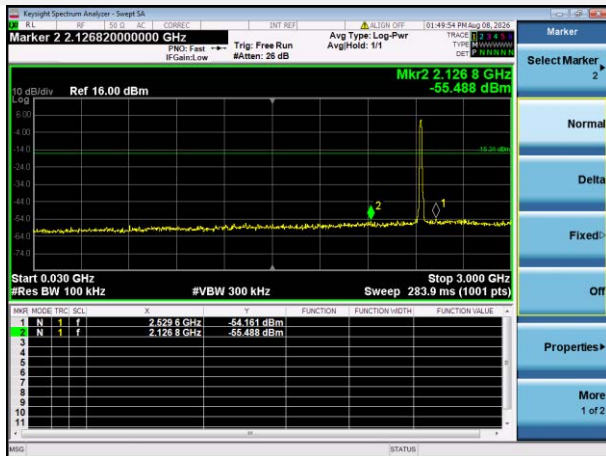
802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz 802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



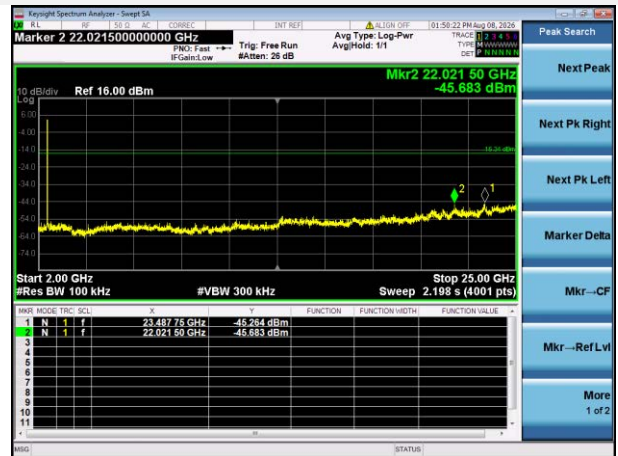
802.11b MIDDLE CHANNEL CARRIER LEVEL



802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



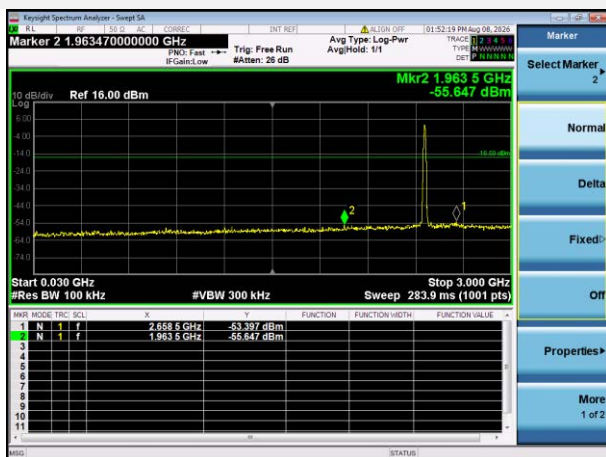
802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



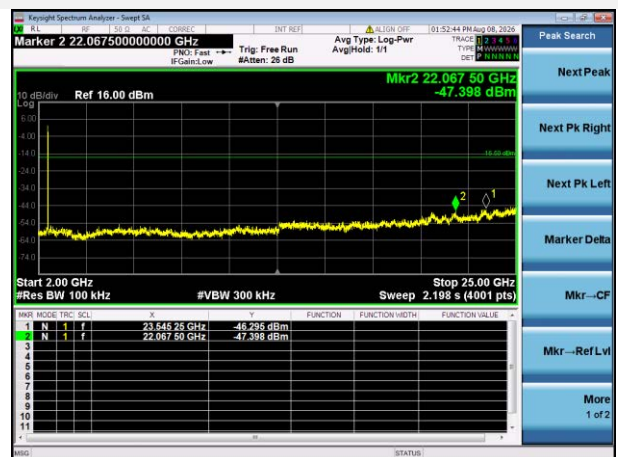
802.11b HIGH CHANNEL CARRIER LEVEL



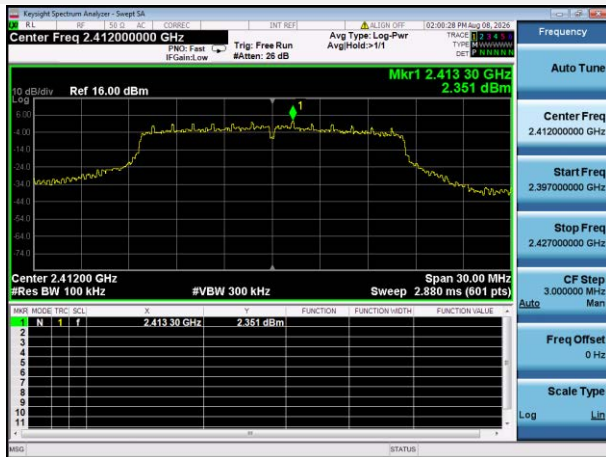
802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



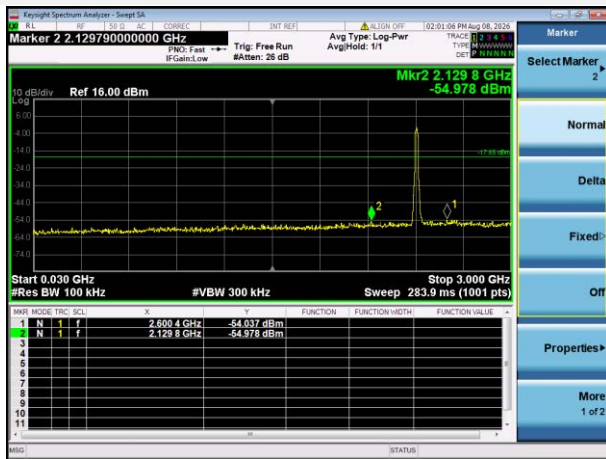
802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



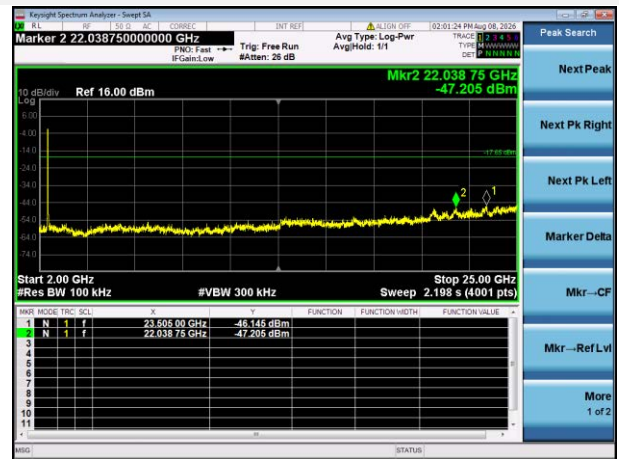
802.11g LOW CHANNEL CARRIER LEVEL



802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



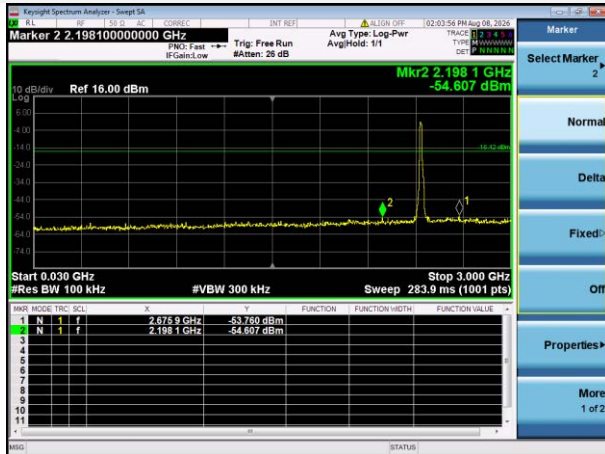
802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



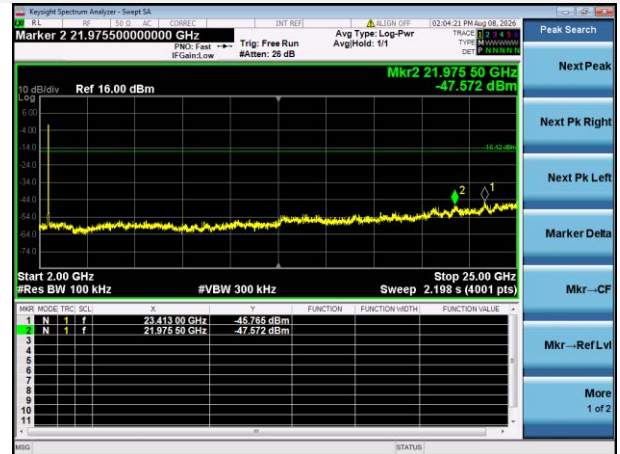
802.11g MIDDLE CHANNEL CARRIER LEVEL



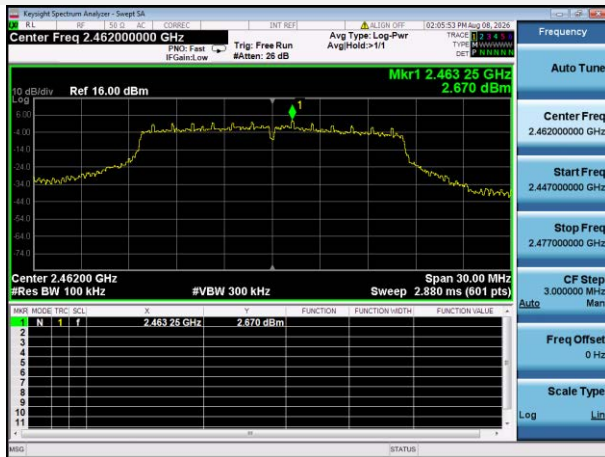
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



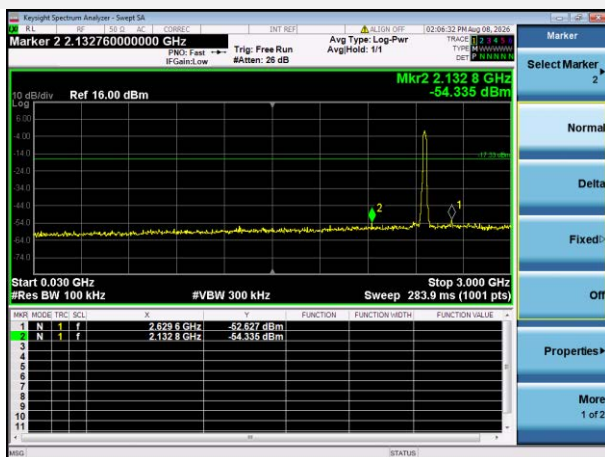
802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11g HIGH CHANNEL CARRIER LEVEL



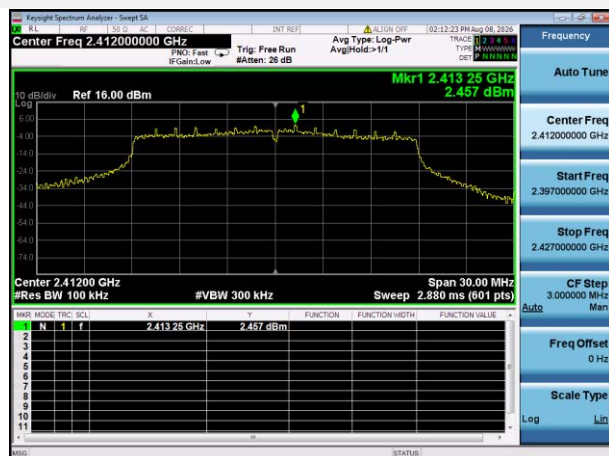
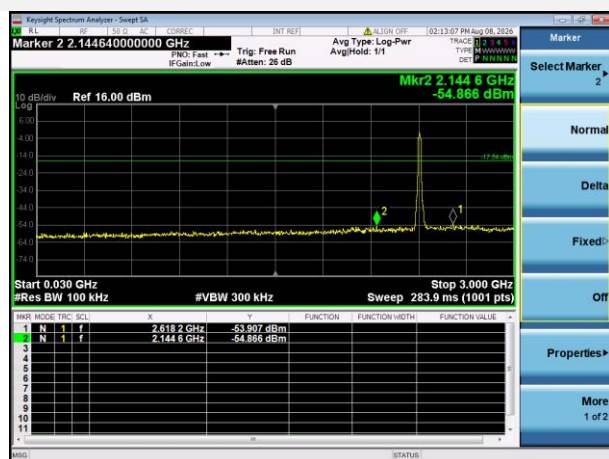
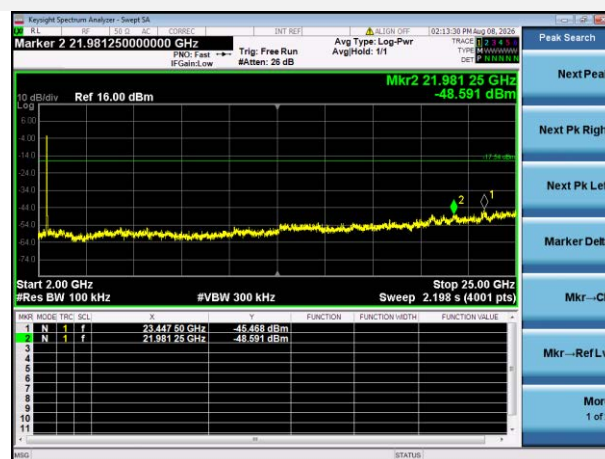
802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



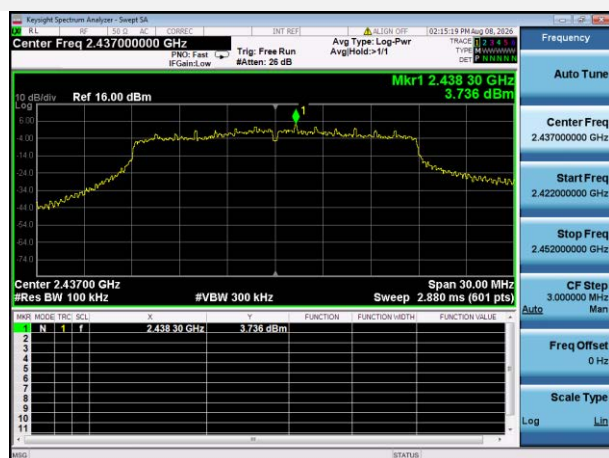
802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



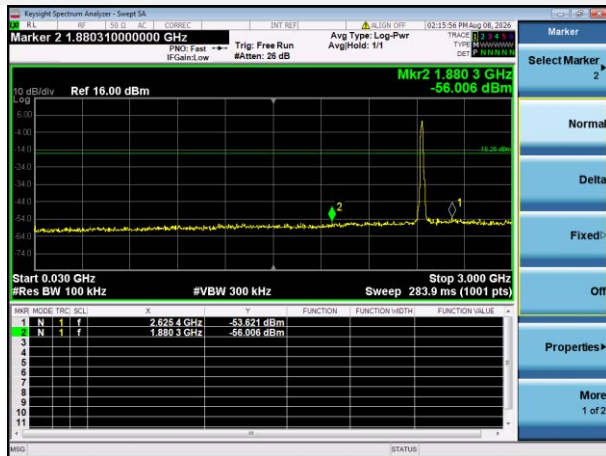
802.11n-20 MHz LOW CHANNEL CARRIER LEVEL

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

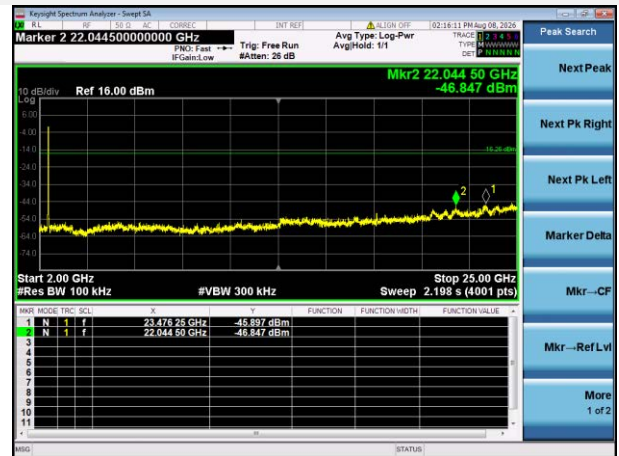
802.11n-20 MHz MIDDLE CHANNEL CARRIER LEVEL



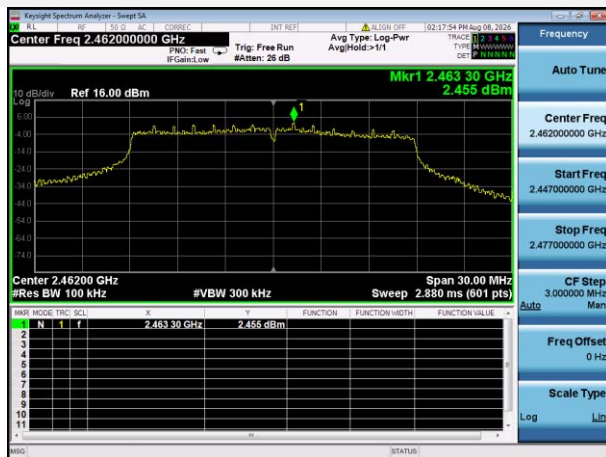
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



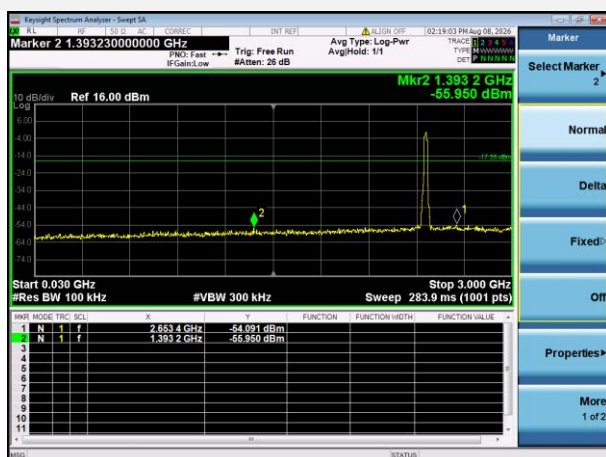
802.11n-20 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



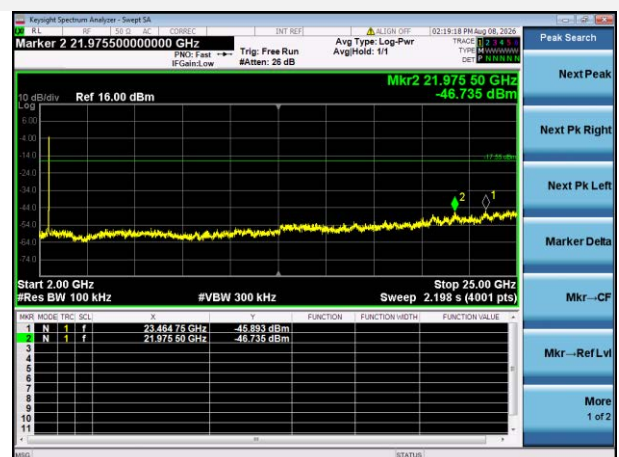
802.11n-20 MHz HIGH CHANNEL CARRIER LEVEL



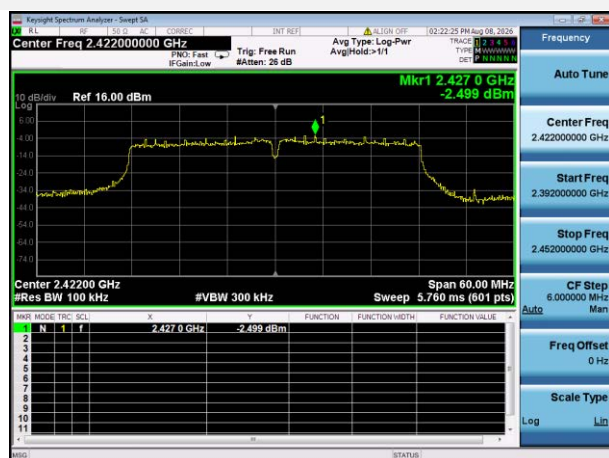
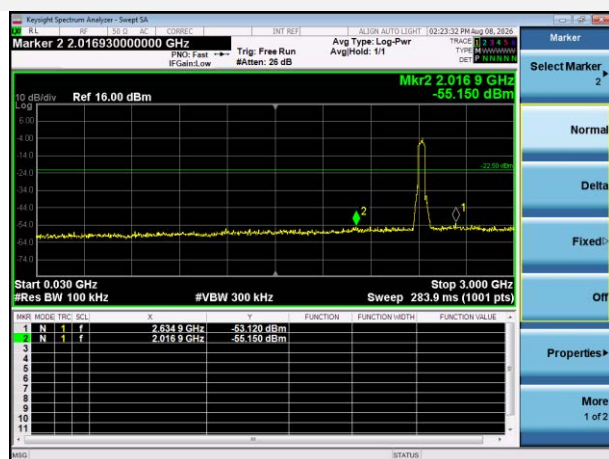
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



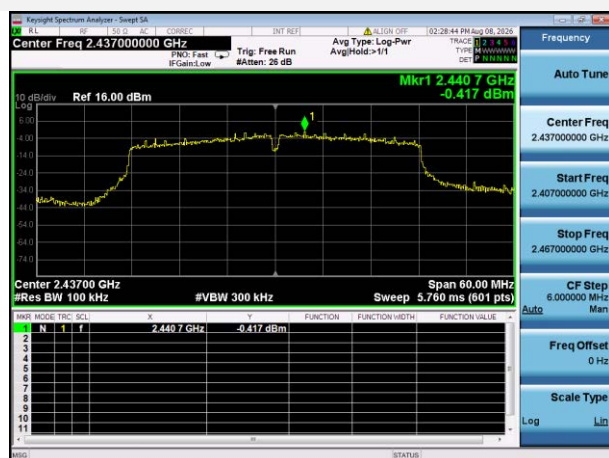
802.11n-20 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



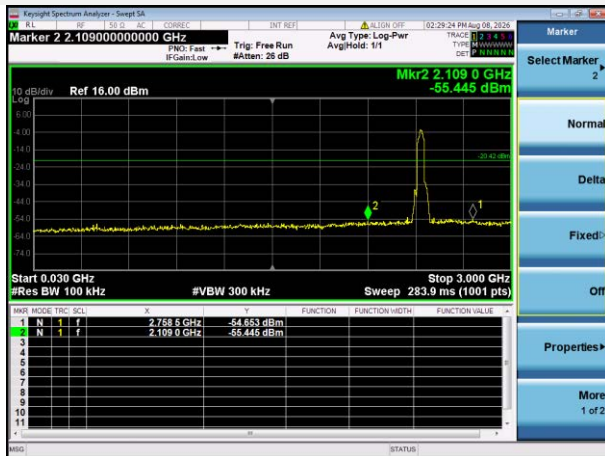
802.11n-40 MHz LOW CHANNEL CARRIER LEVEL

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

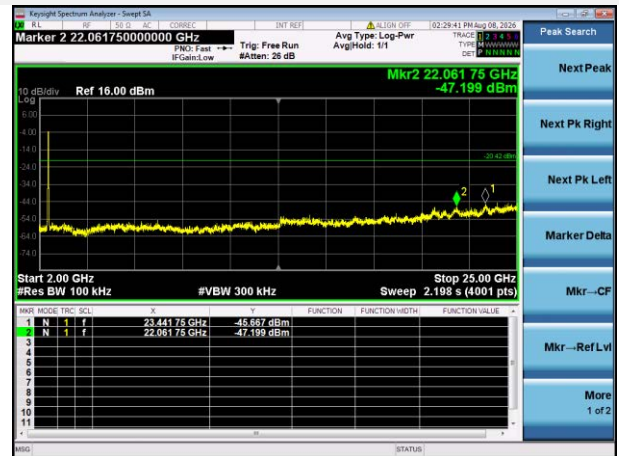
802.11n-40 MHz MIDDLE CHANNEL CARRIER LEVEL



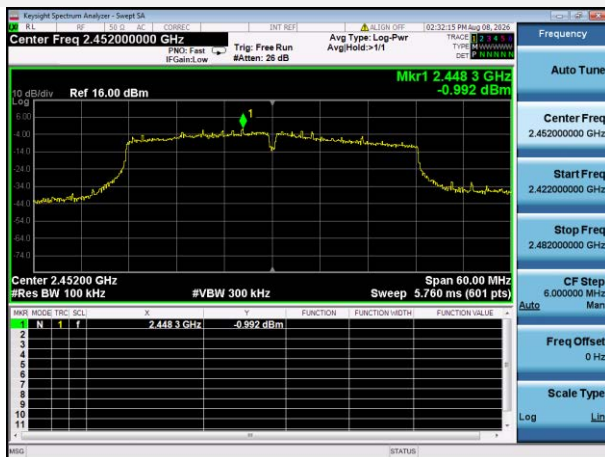
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



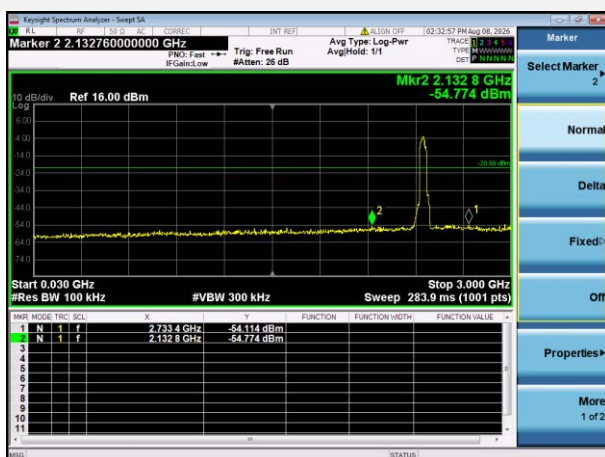
802.11n-40 MHz MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



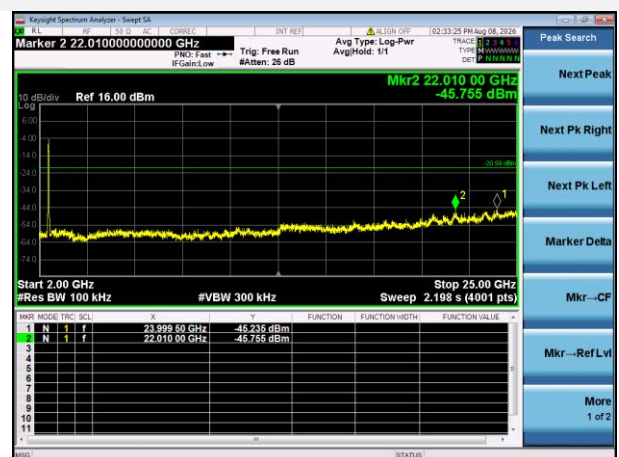
802.11n-40 MHz HIGH CHANNEL CARRIER LEVEL



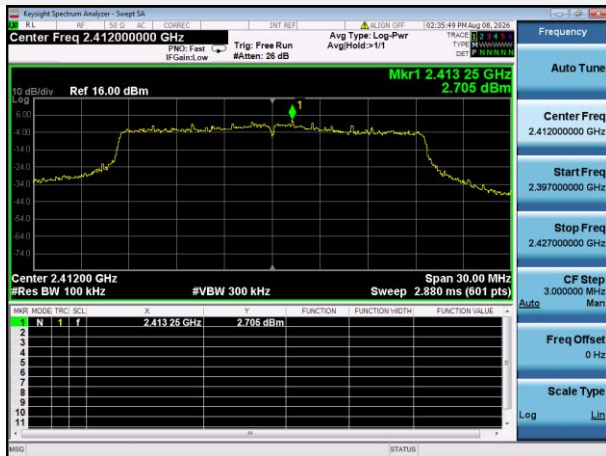
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



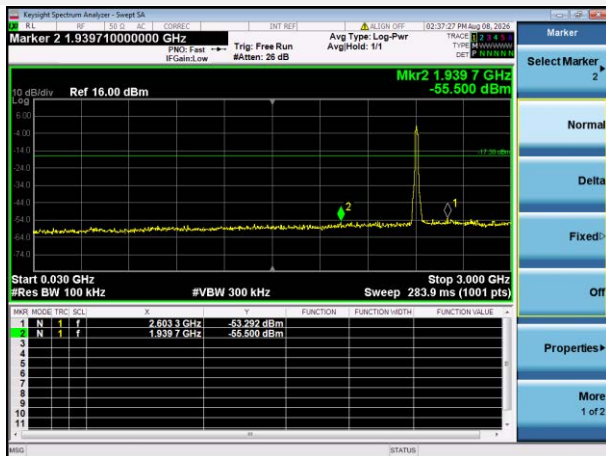
802.11n-40 MHz HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



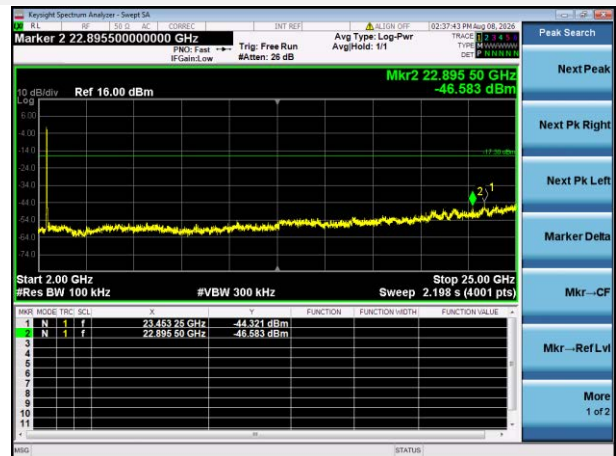
802.11ax-20 MHz (SU) LOW CHANNEL CARRIER LEVEL



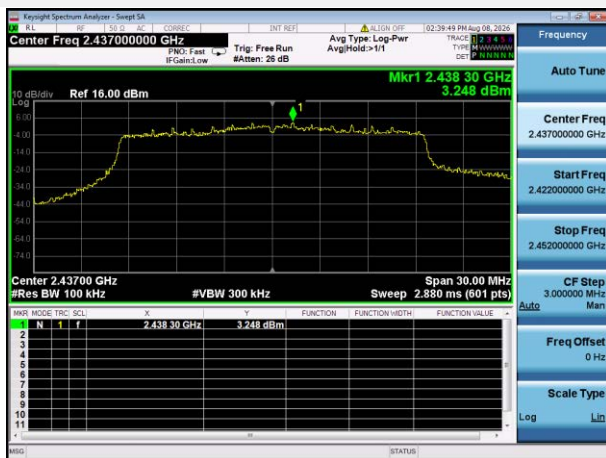
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



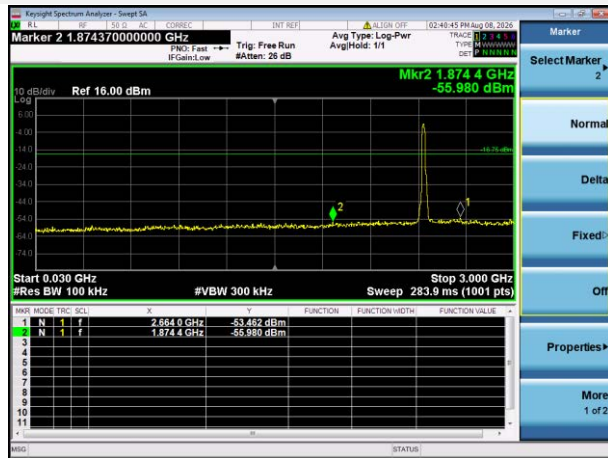
802.11ax-20 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



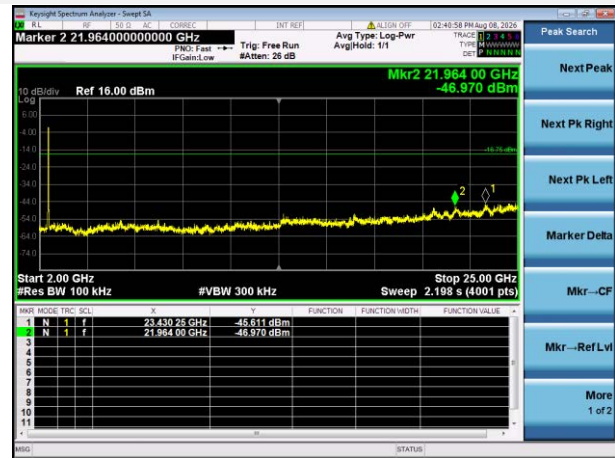
802.11ax-20 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



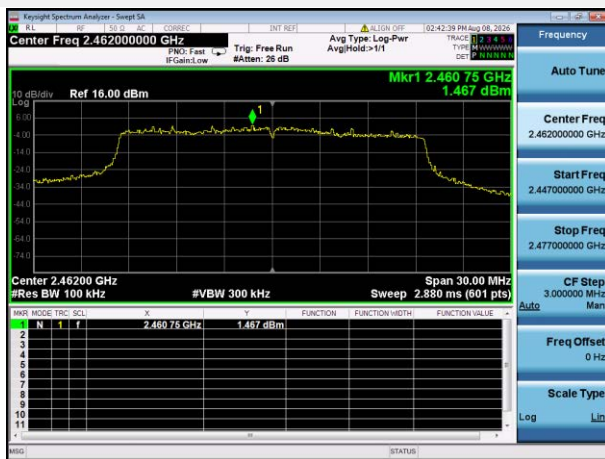
802.11ax-20 MHz (SU) MIDDLE CHANNEL,
SPURIOUS 30 MHz ~ 3 GHz



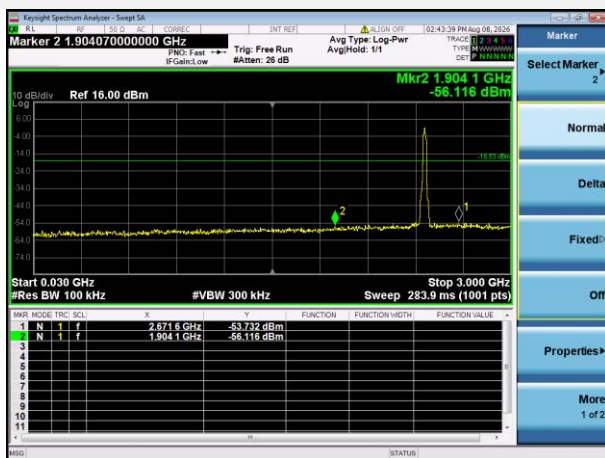
802.11ax-20 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
2 GHz ~ 25 GHz



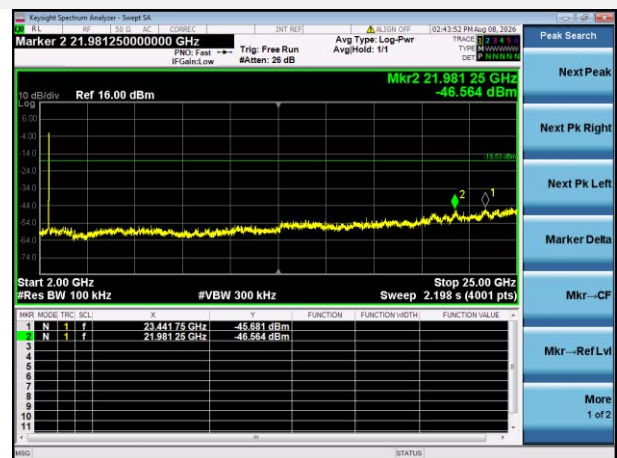
802.11ax-20 MHz (SU) HIGH CHANNEL CARRIER
LEVEL



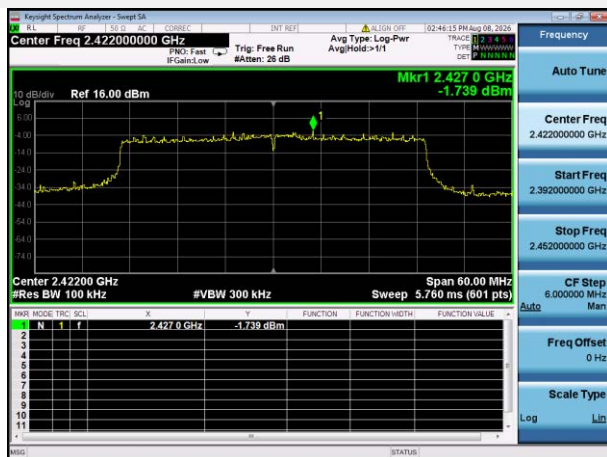
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS
30 MHz ~ 3 GHz



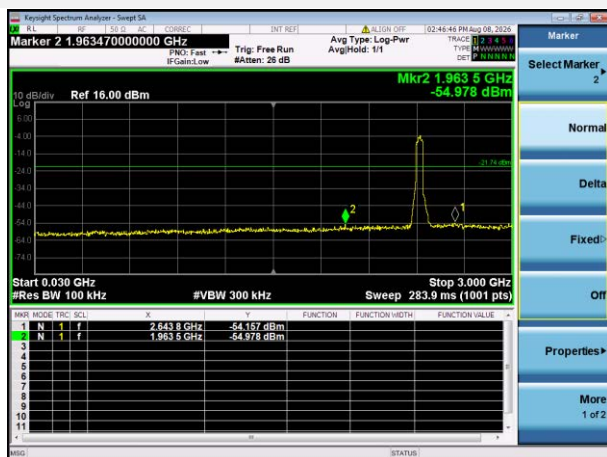
802.11ax-20 MHz (SU) HIGH CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



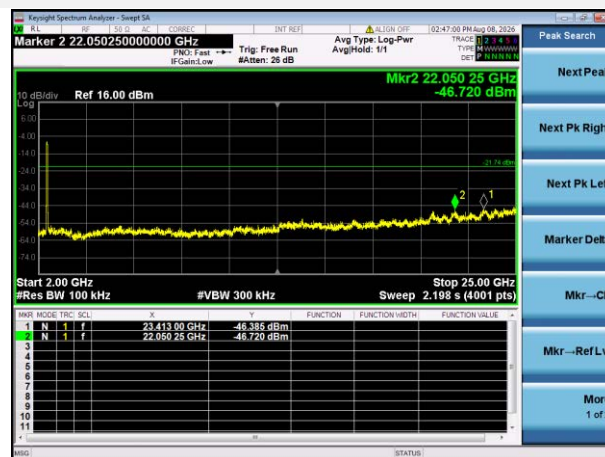
802.11ax-40 MHz (SU) LOW CHANNEL CARRIER LEVEL



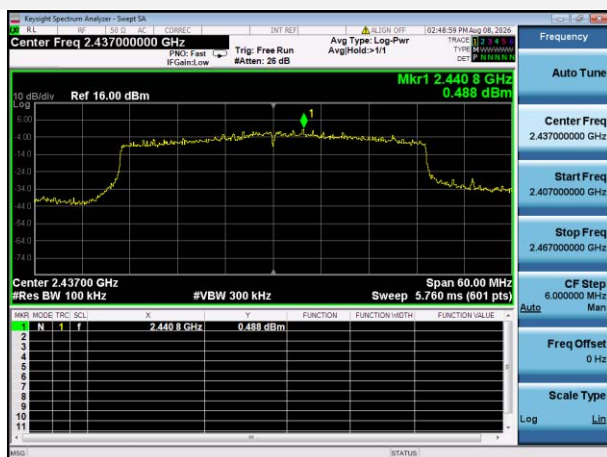
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



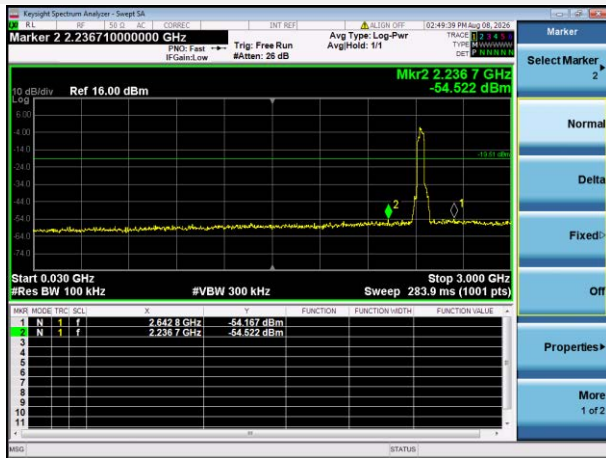
802.11ax-40 MHz (SU) LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



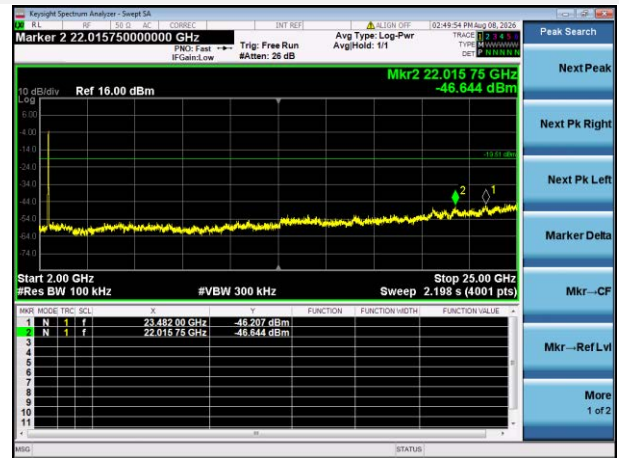
802.11ax-40 MHz (SU) MIDDLE CHANNEL CARRIER LEVEL



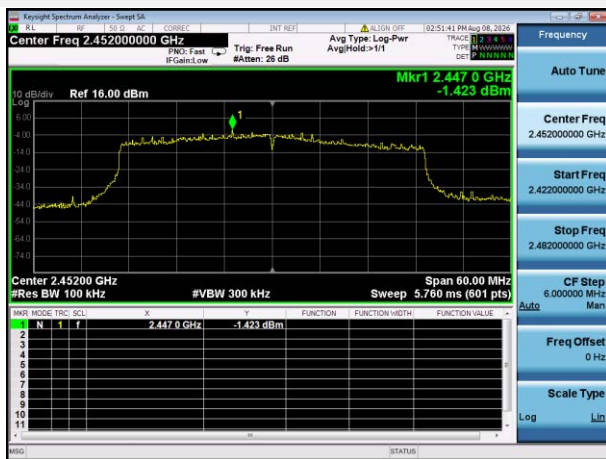
802.11ax-40 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
30 MHz ~ 3 GHz



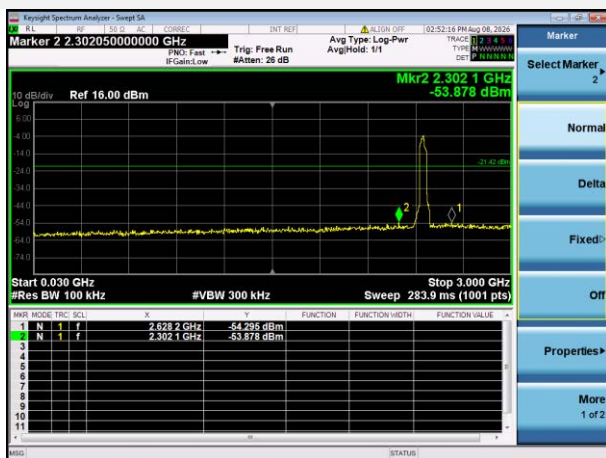
802.11ax-40 MHz (SU) MIDDLE CHANNEL,
SPURIOUS
2 GHz ~ 25 GHz



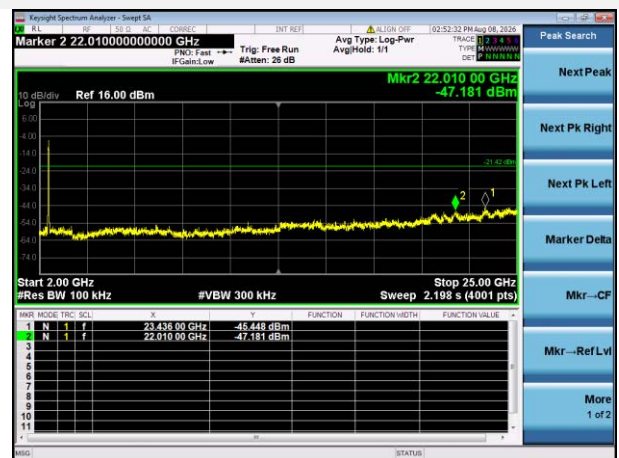
802.11ax-40 MHz (SU) HIGH CHANNEL CARRIER
LEVEL



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

Main Antenna:

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-39.69	4.52	-15.48	Pass
High	-54.02	5.47	-14.53	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-29.62	4.17	-15.83	Pass
High	-41.13	4.48	-15.52	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-28.49	4.56	-15.44	Pass
High	-39.23	4.46	-15.54	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-30.53	-0.88	-20.88	Pass
High	-34.13	0.27	-19.73	Pass

802.11ax-20 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-28.84	4.78	-15.22	Pass
High	-37.15	4.38	-15.62	Pass

802.11ax-40 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-30.10	-1.07	-21.07	Pass
High	-37.42	-1.11	-21.11	Pass

Aux. Antenna:

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-40.37	2.80	-17.20	Pass
High	-54.47	3.50	-16.50	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-30.71	2.35	-17.65	Pass
High	-47.21	2.67	-17.33	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-28.48	2.46	-17.54	Pass
High	-44.94	2.45	-17.55	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-31.09	-2.50	-22.50	Pass
High	-35.93	-0.99	-20.99	Pass

802.11ax-20 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-27.77	2.70	-17.30	Pass
High	-40.60	1.47	-18.53	Pass

802.11ax-40 MHz (SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low	-30.76	-1.74	-21.74	Pass
High	-40.20	-1.42	-21.42	Pass

Test Plots

Main Antenna:

802.11b LOW CHANNEL, CARRIER LEVEL



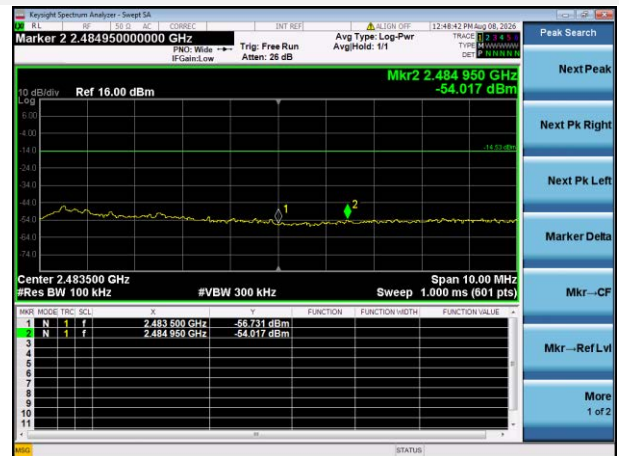
802.11b LOW CHANNEL, BAND EDGE



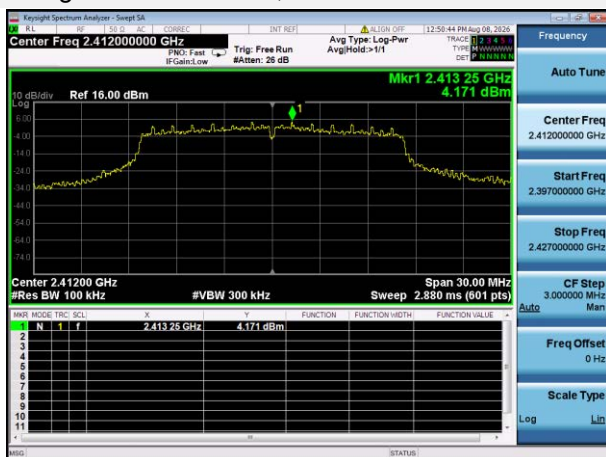
802.11b HIGH CHANNEL, CARRIER LEVEL



802.11b HIGH CHANNEL, BAND EDGE



802.11g LOW CHANNEL, CARRIER LEVEL



802.11g LOW CHANNEL, BAND EDGE

