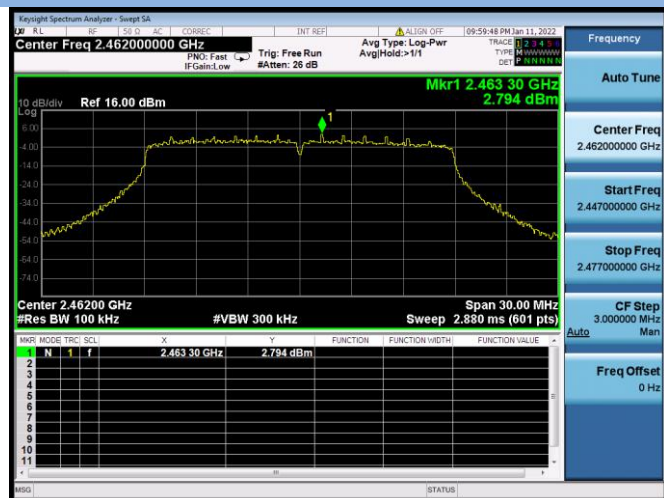
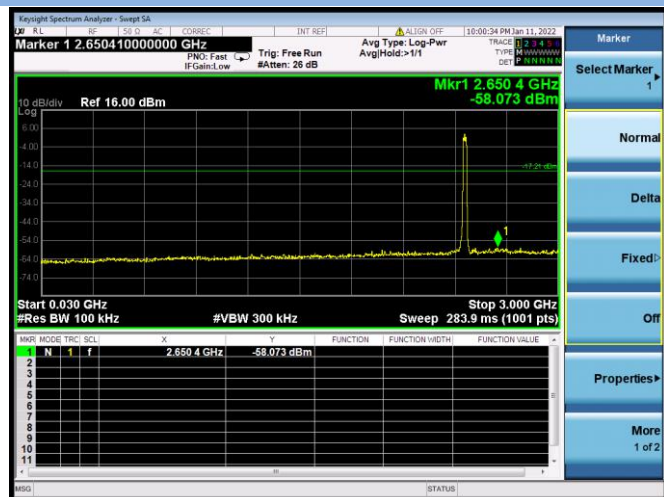


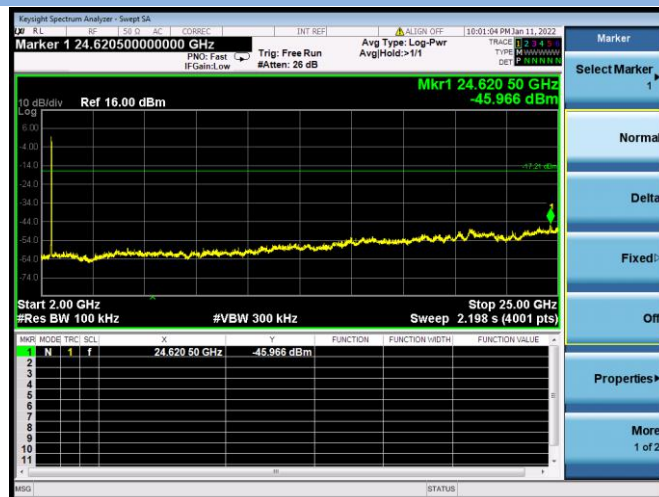
802.11n-20 11 CHANNEL CARRIER LEVEL



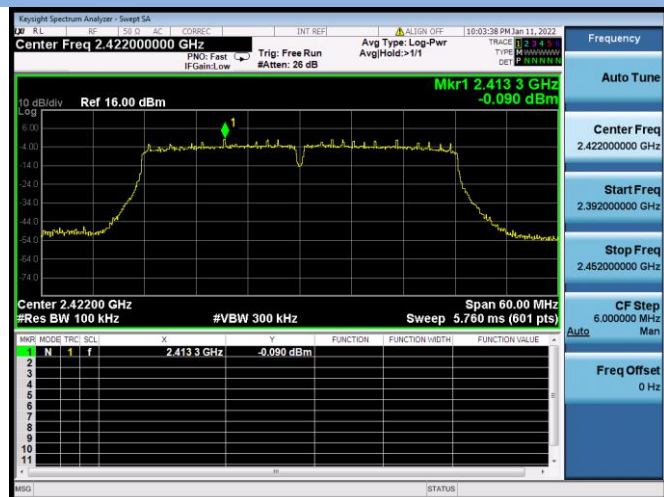
802.11n-20 11 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



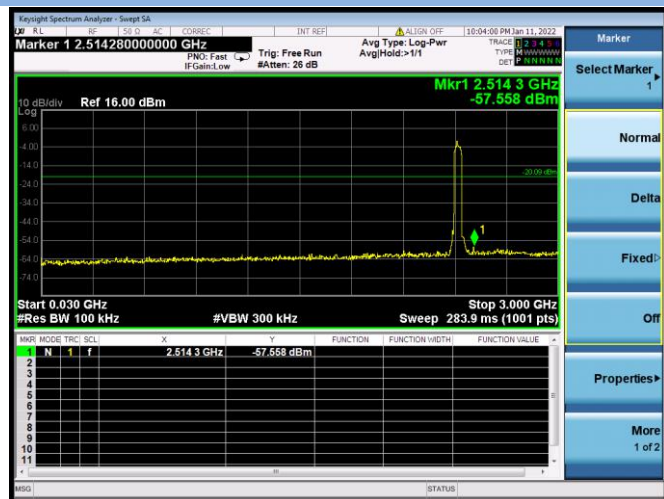
802.11n-20 11 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



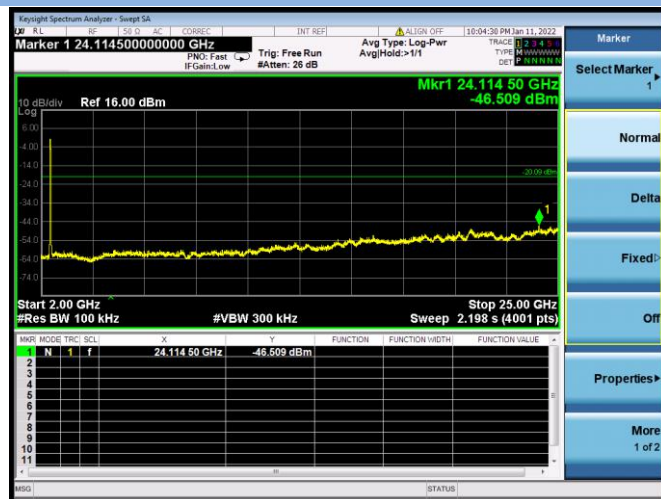
802.11n-40 3 CHANNEL CARRIER LEVEL



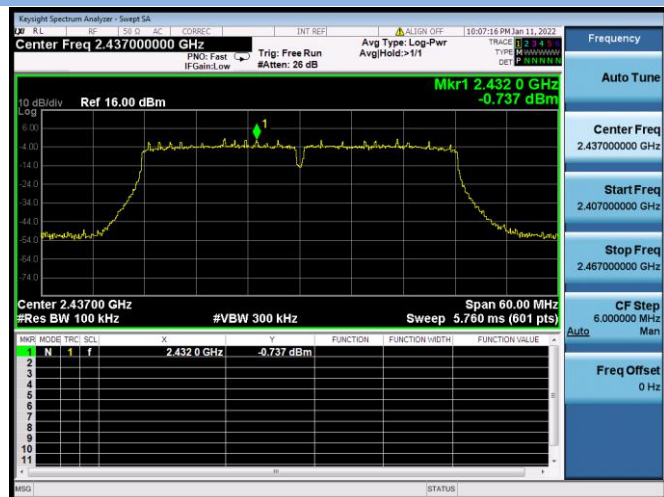
802.11n-40 3 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



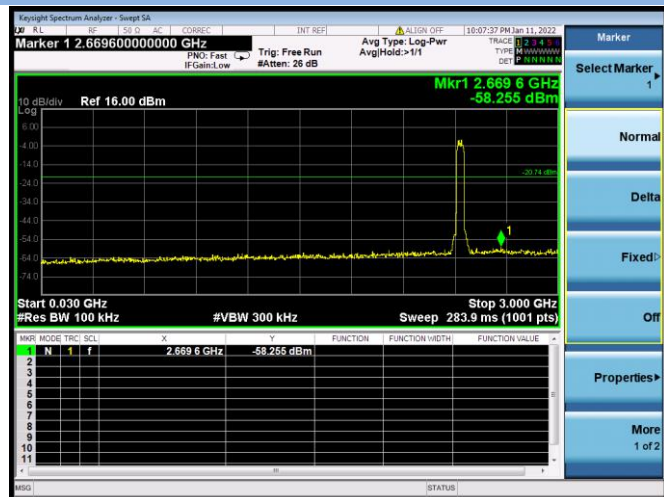
802.11n-40 3 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



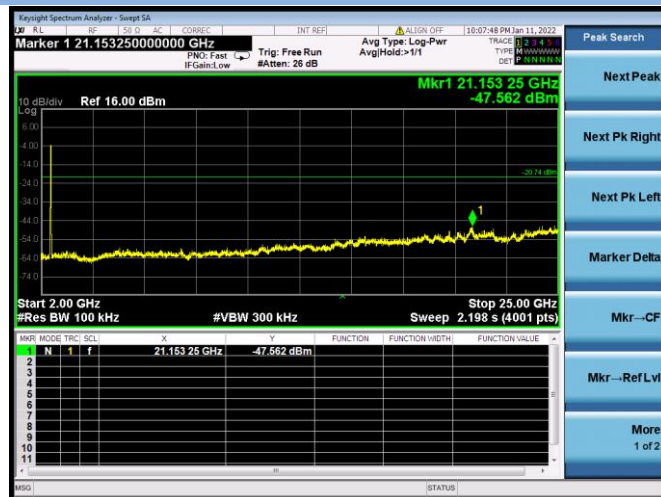
802.11n-40 6 CHANNEL CARRIER LEVEL



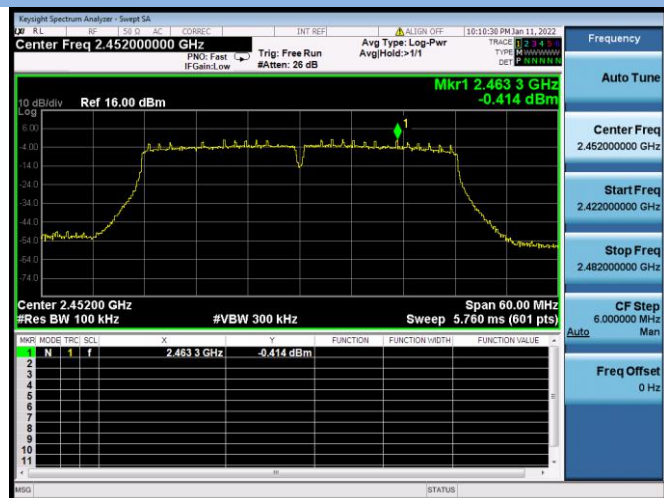
802.11n-40 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



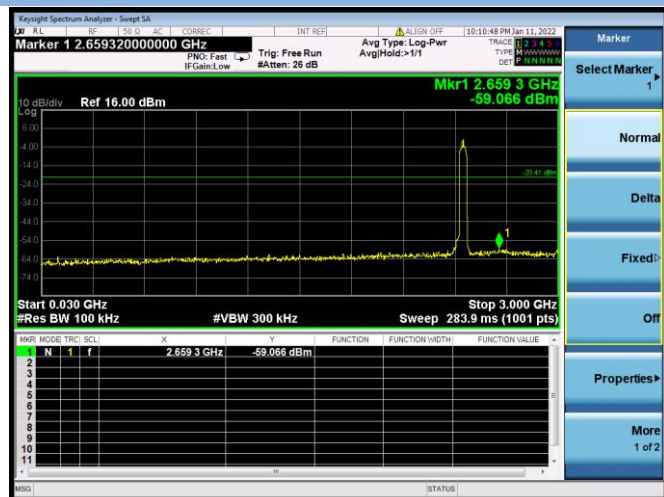
802.11n-40 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



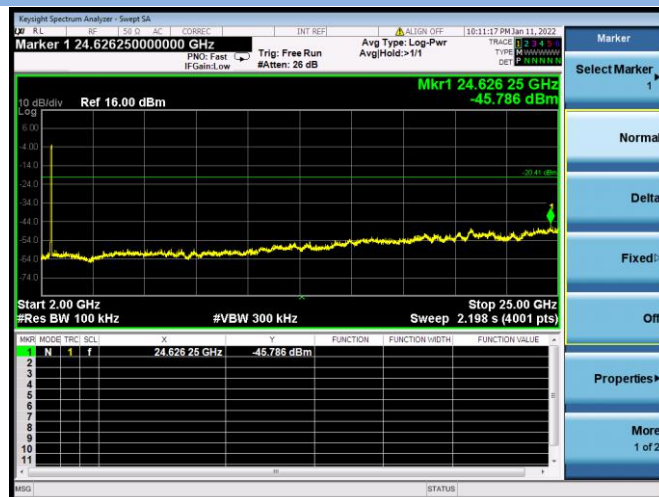
802.11n-40 9 CHANNEL CARRIER LEVEL



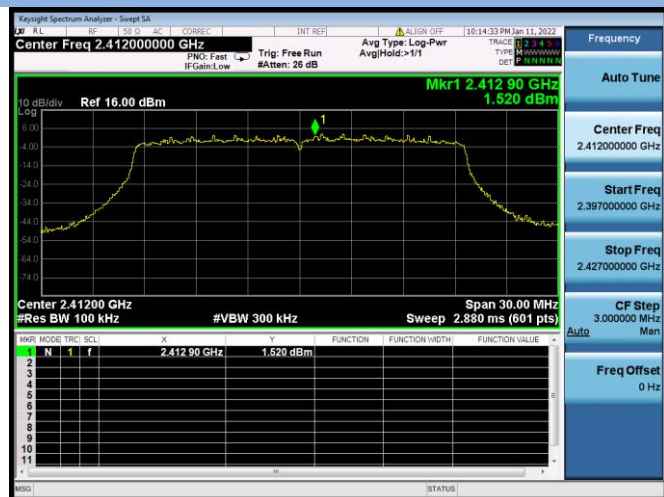
802.11n-40 9 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



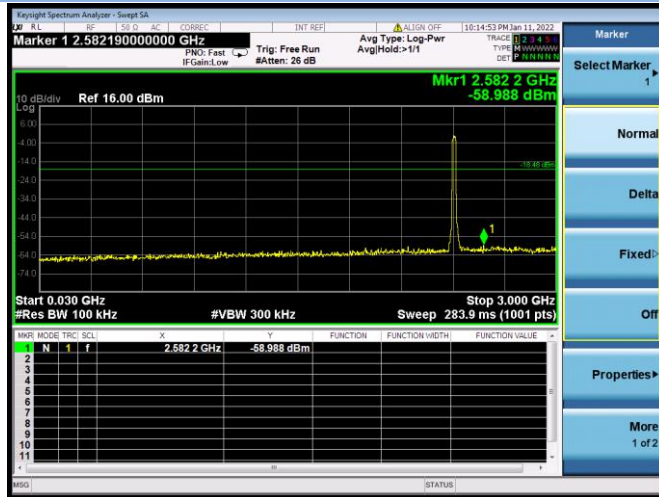
802.11n-40 9 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



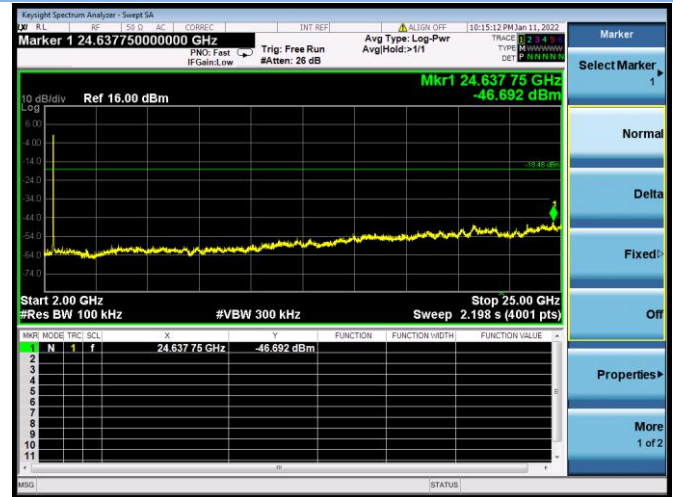
802.11ax-20 1 CHANNEL CARRIER LEVEL



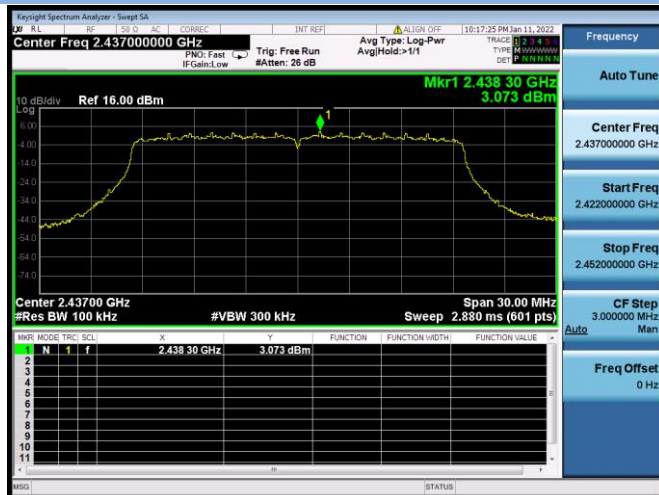
802.11ax-20 1 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



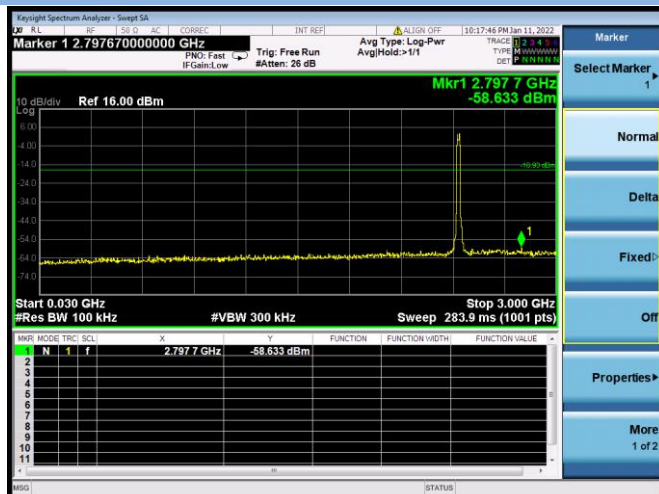
802.11ax-20 1 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



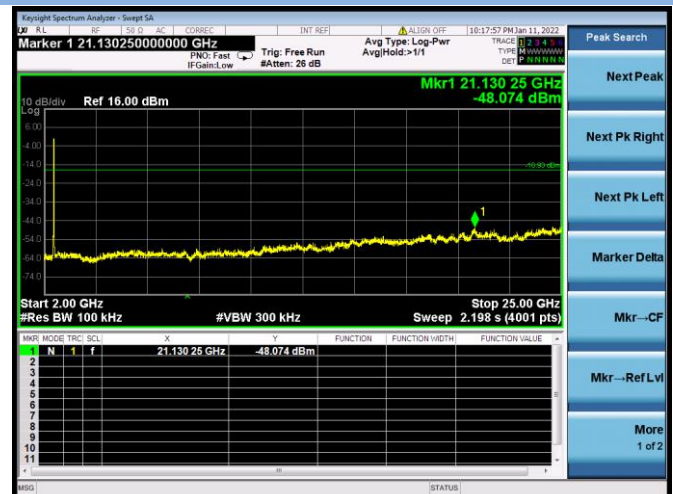
802.11ax-20 6 CHANNEL CARRIER LEVEL



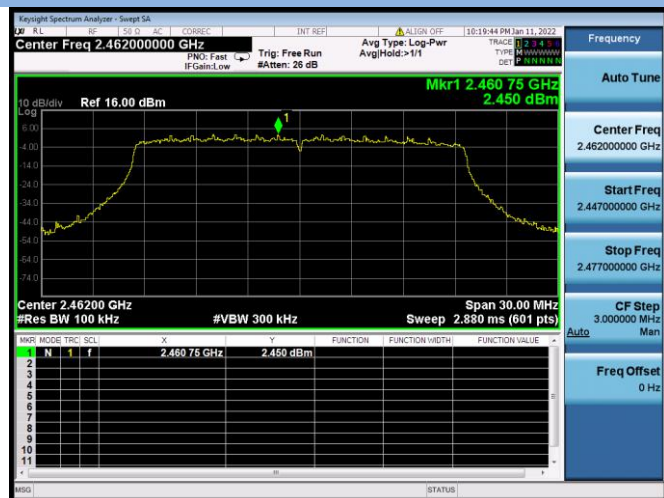
802.11ax-20 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



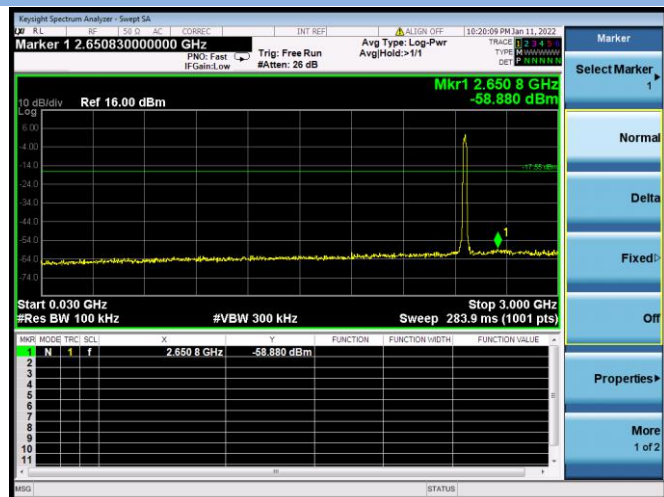
802.11ax-20 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



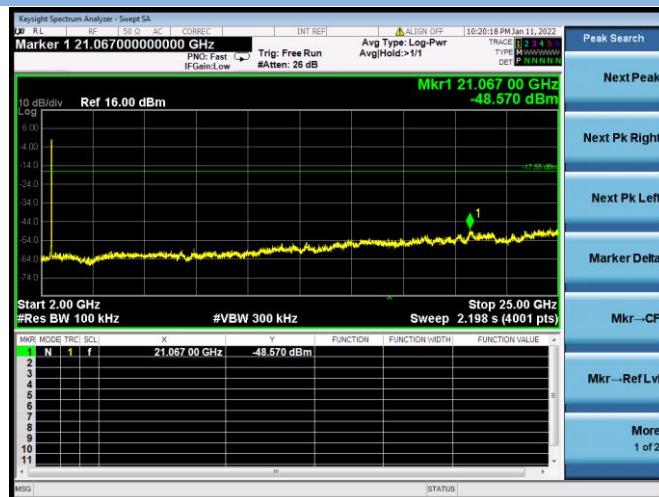
802.11ax-20 11 CHANNEL CARRIER LEVEL



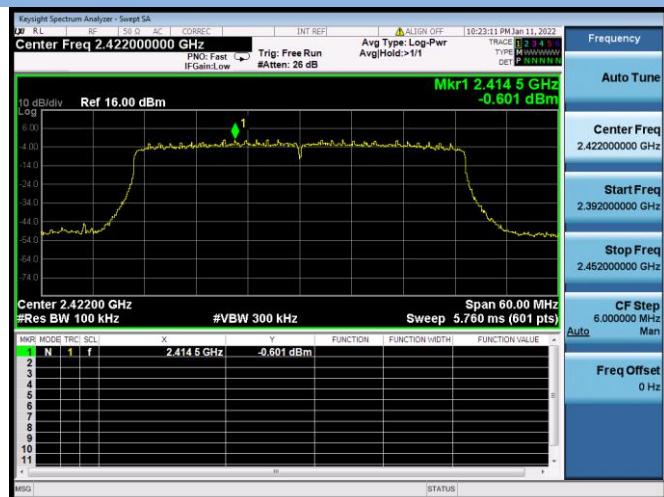
802.11ax-20 11 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



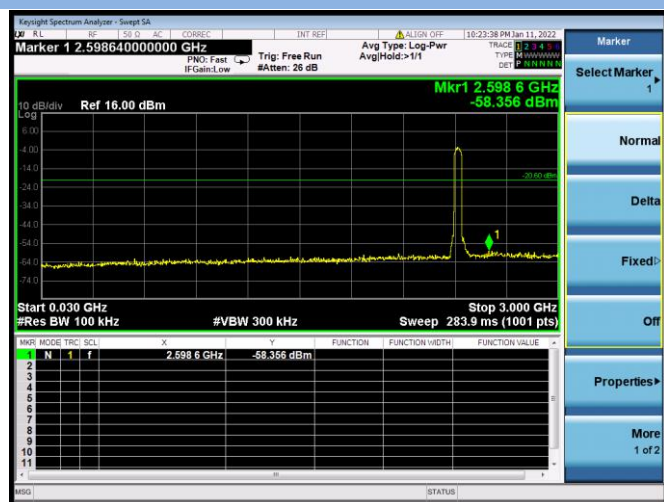
802.11ax-20 11 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



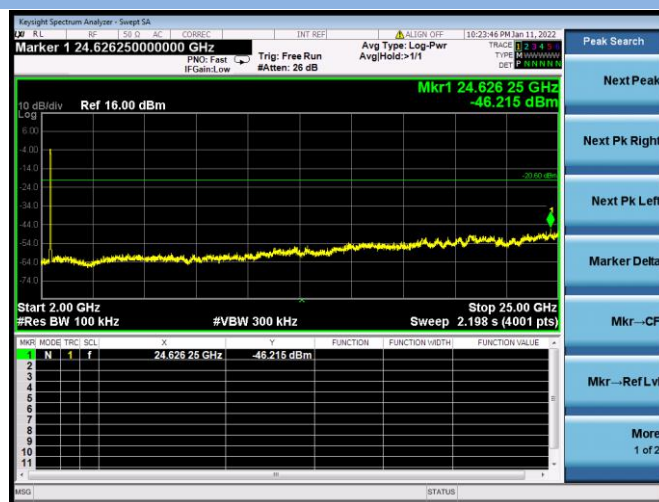
802.11ax-40 3 CHANNEL CARRIER LEVEL



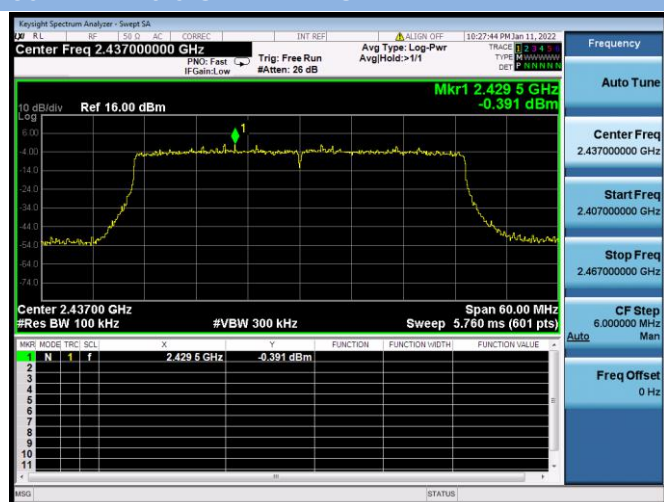
802.11ax-40 3 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



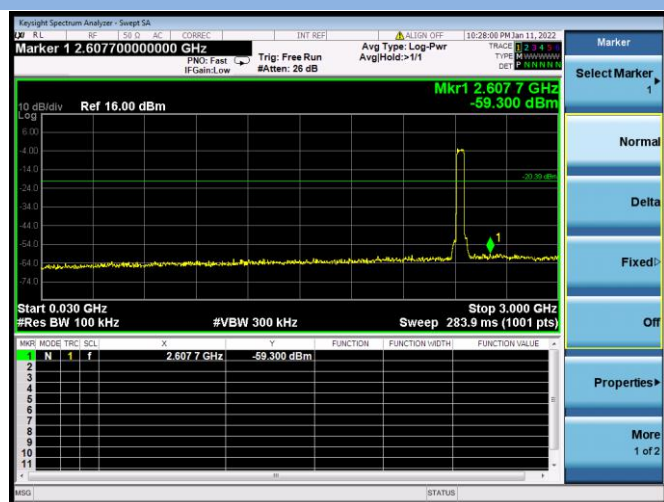
802.11ax-40 3 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



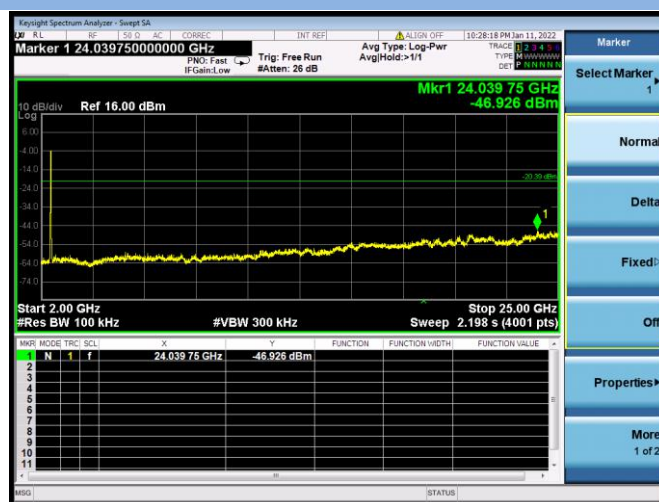
802.11ax-40 6 CHANNEL CARRIER LEVEL



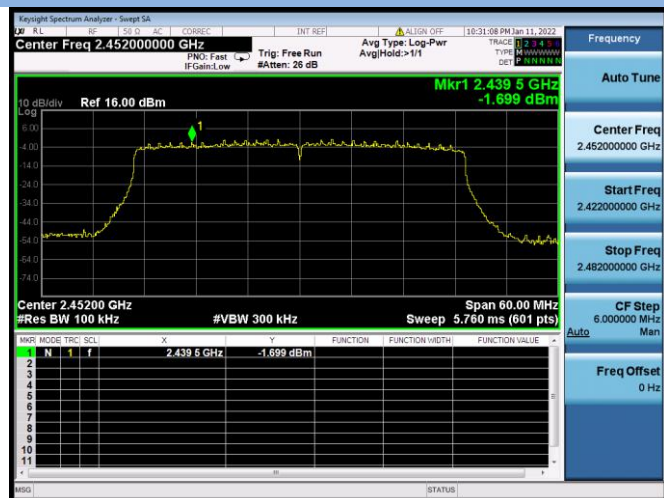
802.11ax-40 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



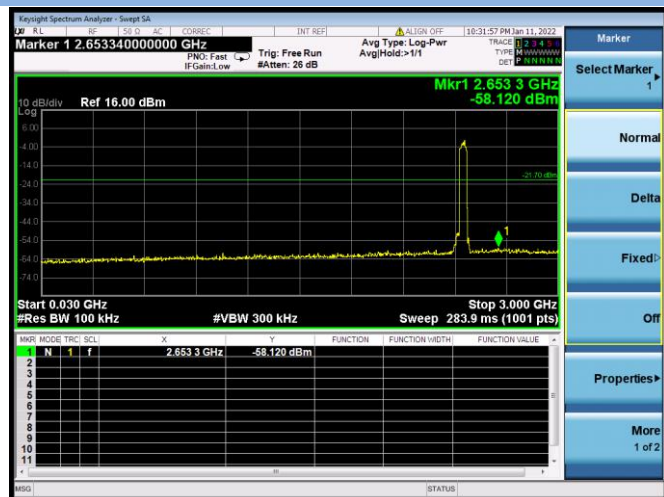
802.11ax-40 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



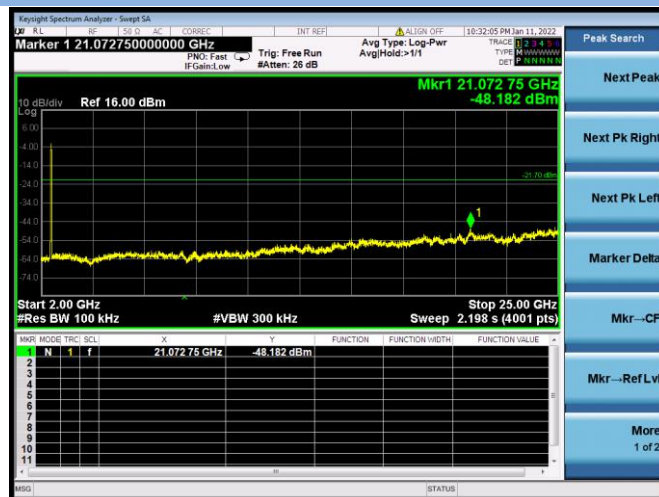
802.11ax-40 9 CHANNEL CARRIER LEVEL



802.11ax-40 9 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz

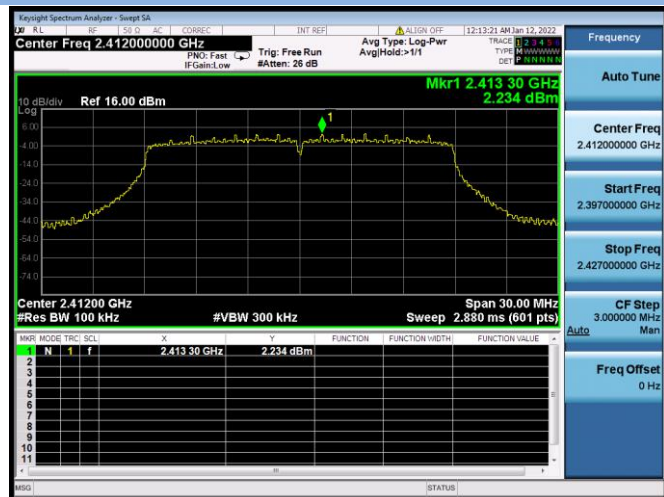


802.11ax-40 9 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

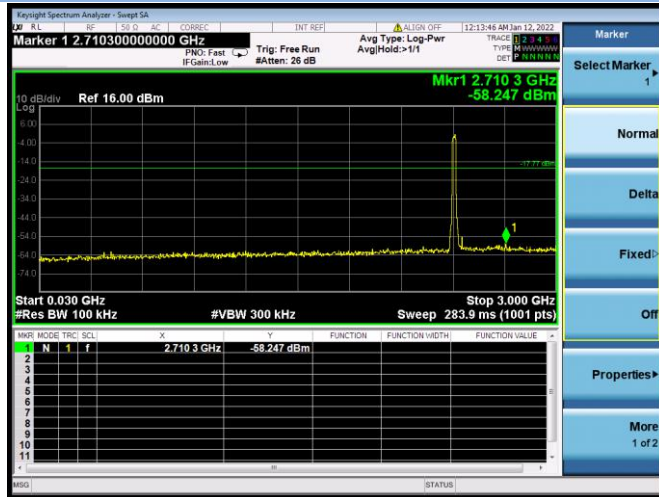


MIMO-Aux. Antenna

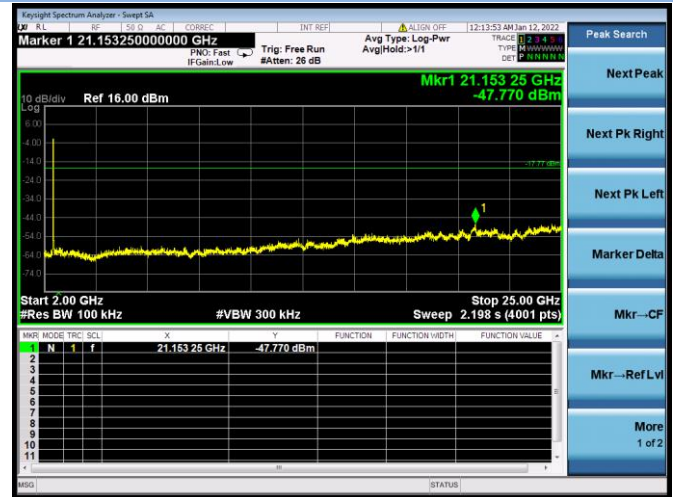
802.11n-20 1 CHANNEL CARRIER LEVEL



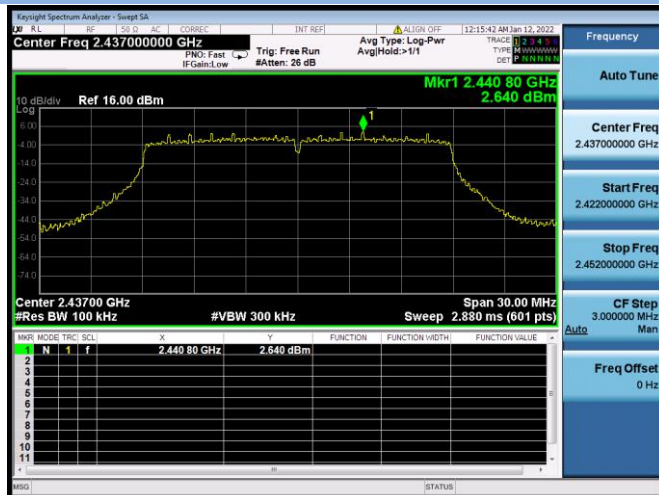
802.11n-20 1 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



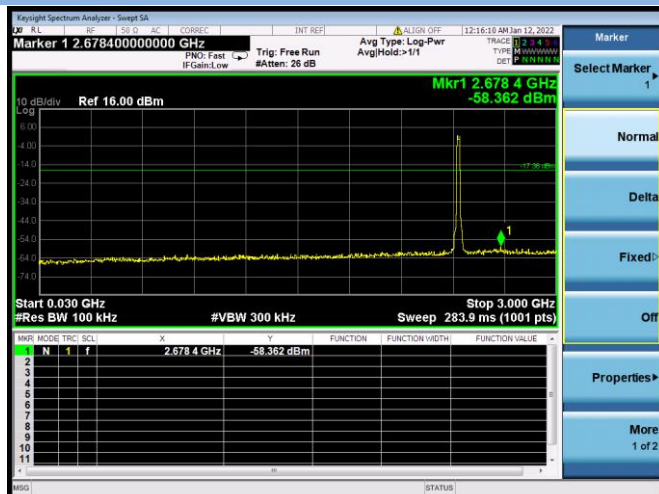
802.11n-20 1 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 6 CHANNEL CARRIER LEVEL



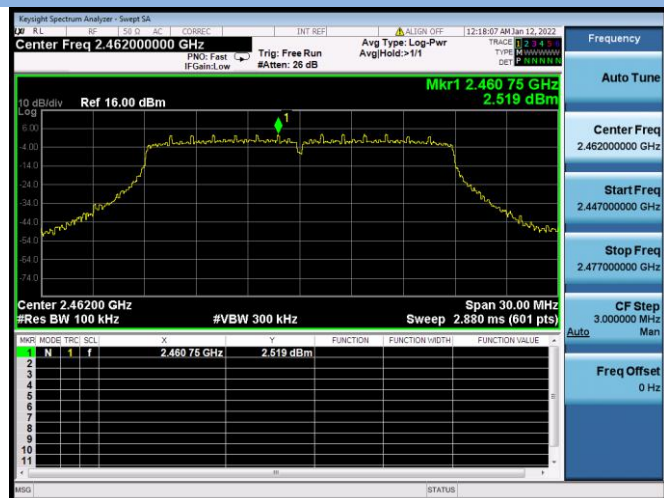
802.11n-20 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



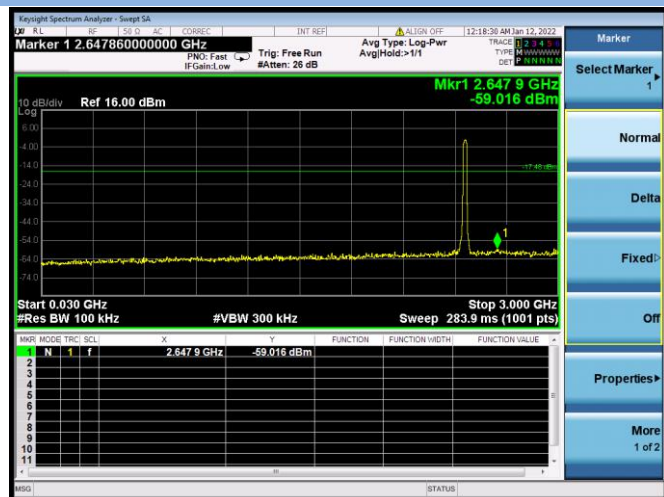
802.11n-20 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



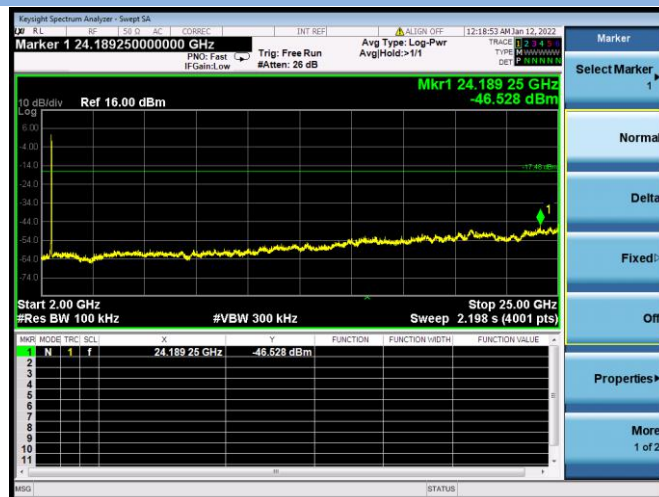
802.11n-20 11 CHANNEL CARRIER LEVEL



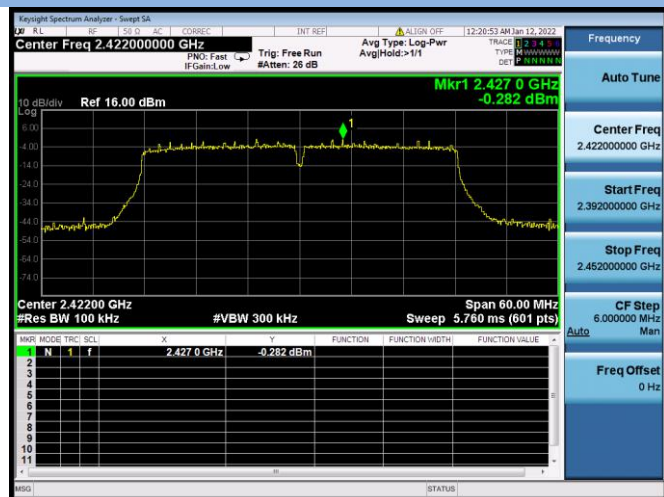
802.11n-20 11 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



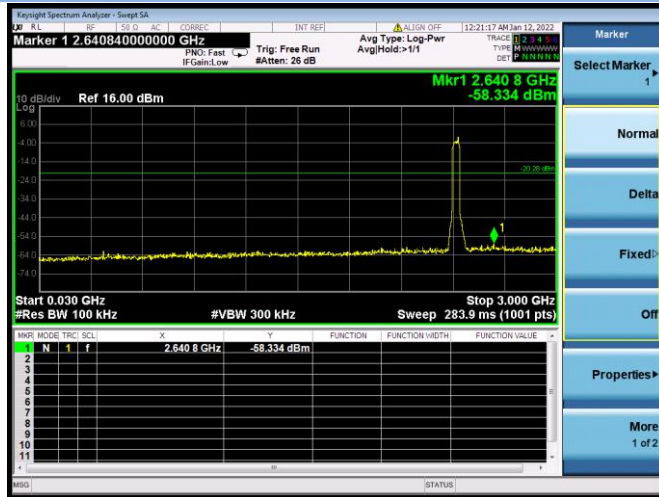
802.11n-20 11 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



802.11n-40 3 CHANNEL CARRIER LEVEL



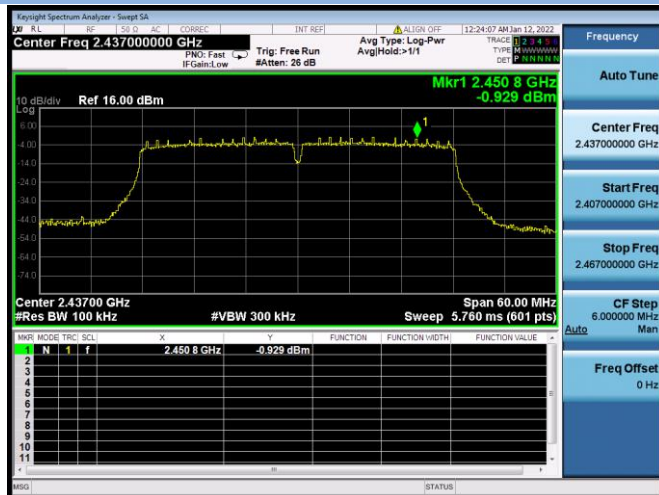
802.11n-40 3 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



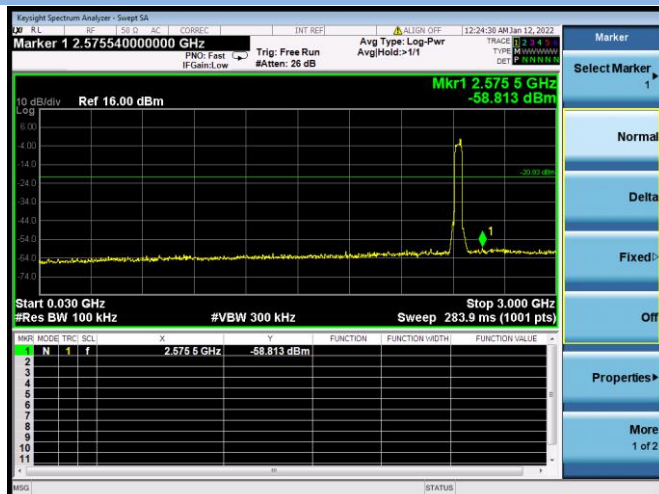
802.11n-40 3 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



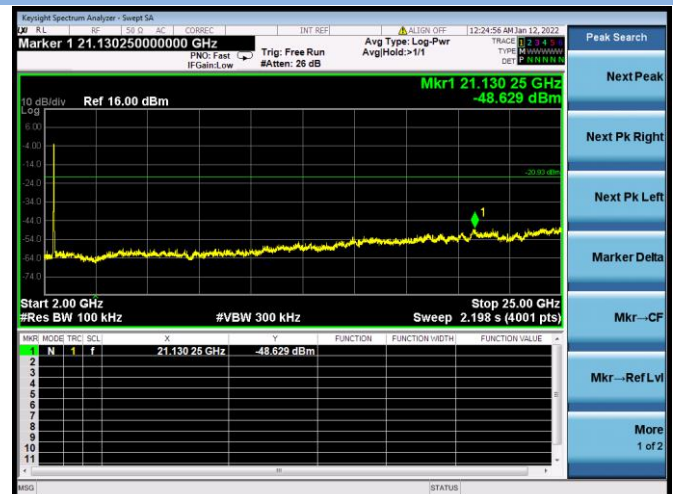
802.11n-40 6 CHANNEL CARRIER LEVEL



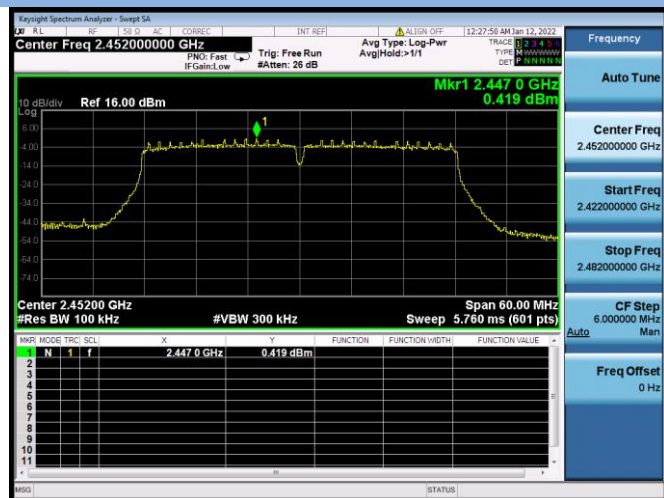
802.11n-40 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



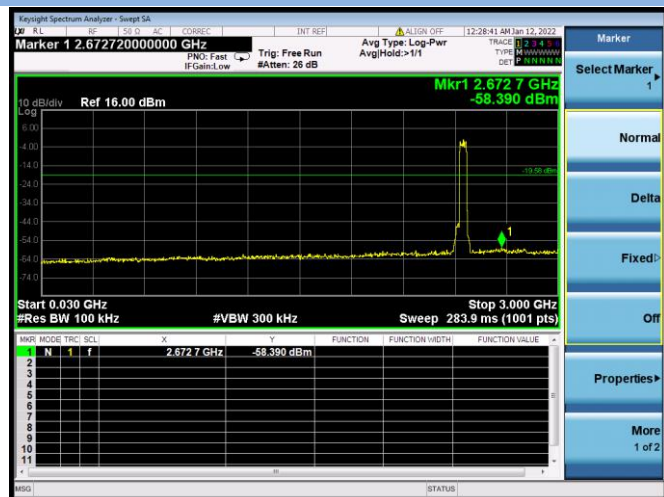
802.11n-40 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



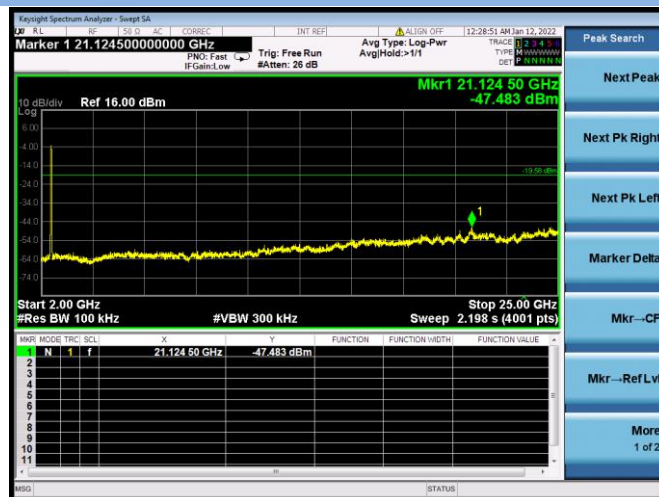
802.11n-40 9 CHANNEL CARRIER LEVEL



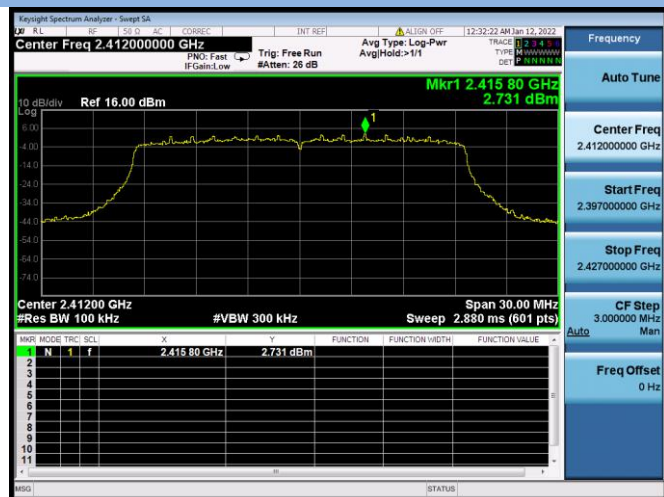
802.11n-40 9 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



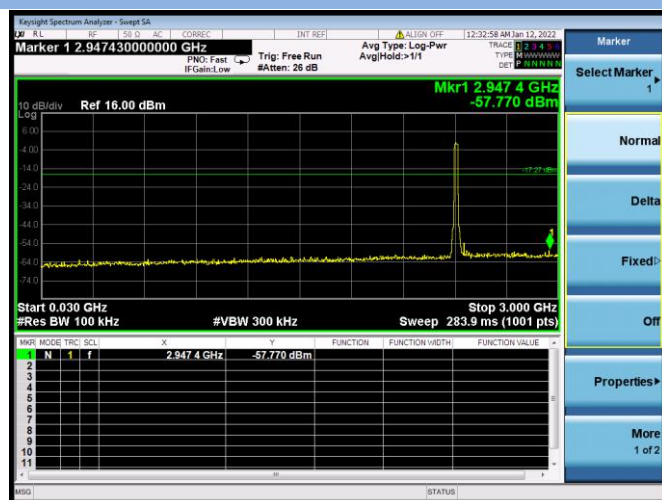
802.11n-40 9 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



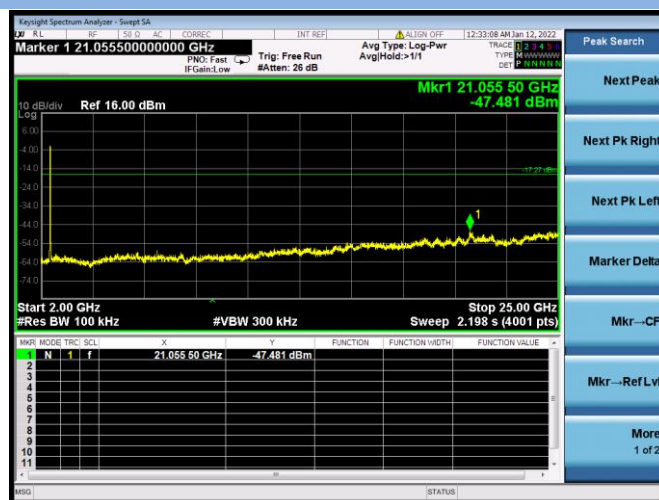
802.11ax-20 1 CHANNEL CARRIER LEVEL



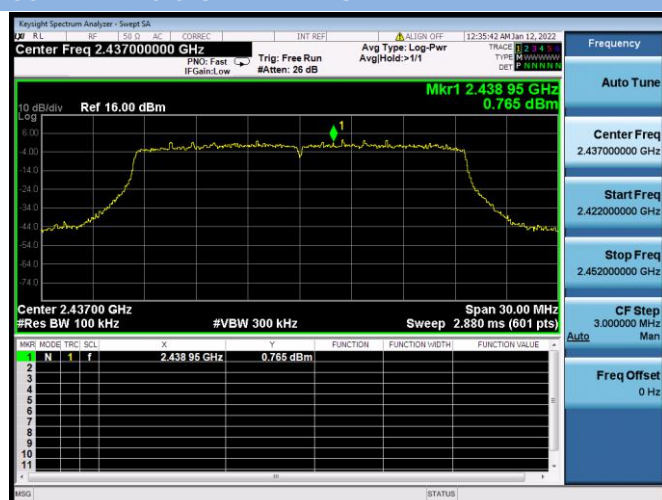
802.11ax-20 1 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



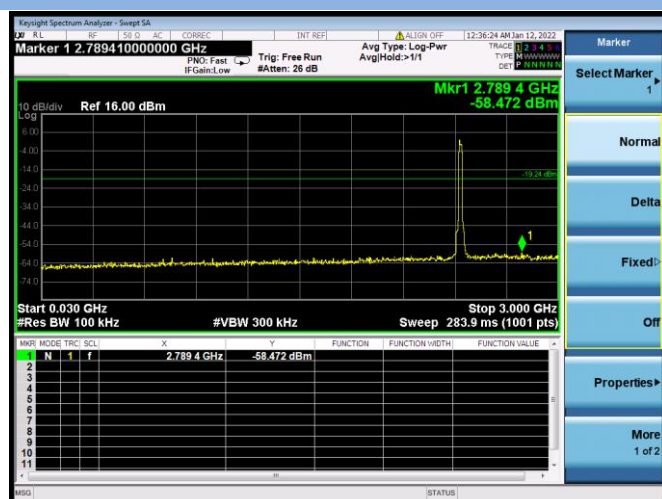
802.11ax-20 1 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



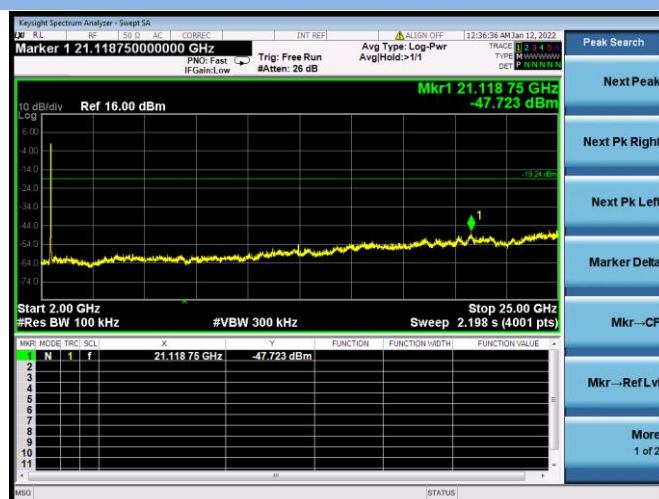
802.11ax-20 6 CHANNEL CARRIER LEVEL



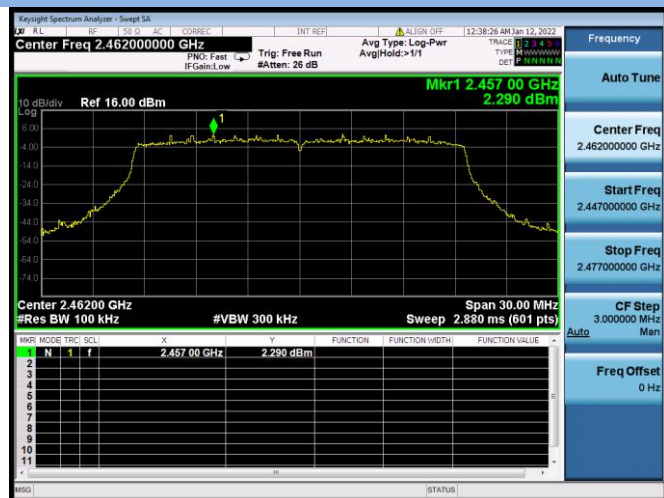
802.11ax-20 6 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



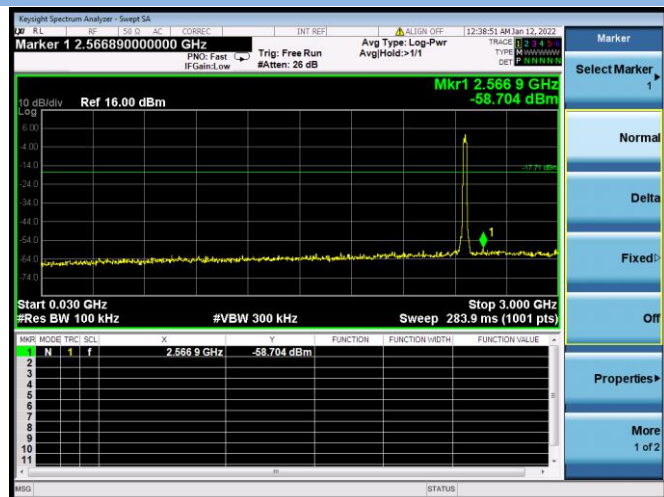
802.11ax-20 6 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



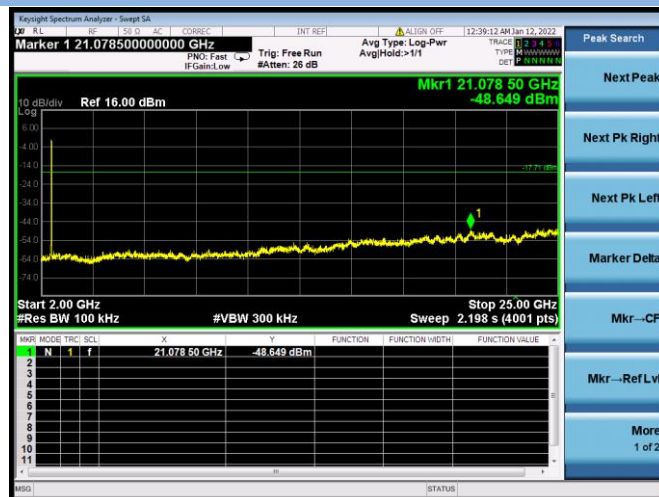
802.11ax-20 11 CHANNEL CARRIER LEVEL



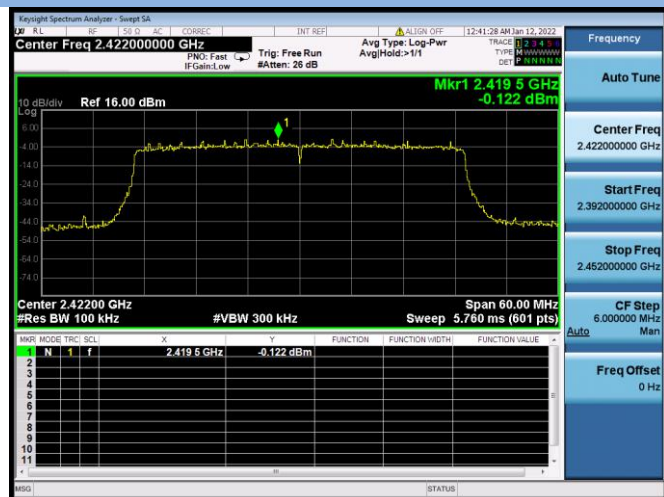
802.11ax-20 11 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



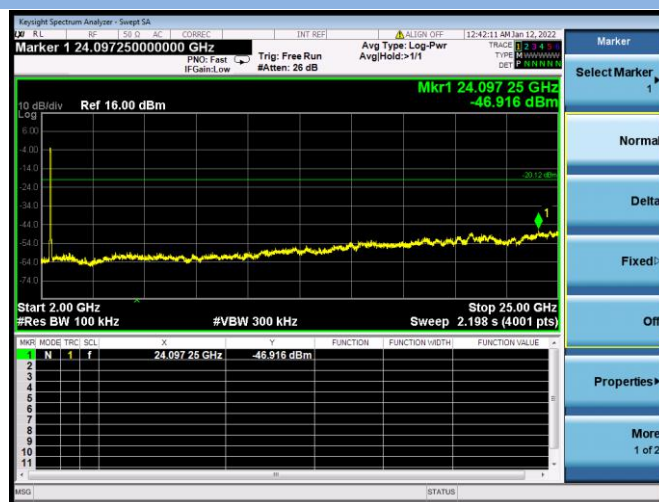
802.11ax-20 11 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



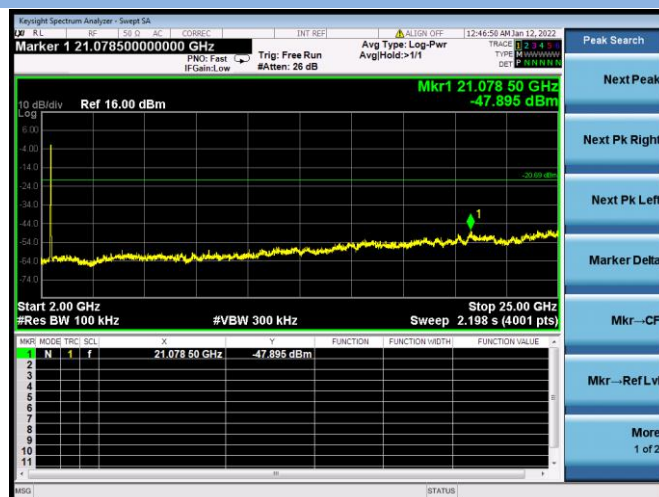
802.11ax-40 3 CHANNEL CARRIER LEVEL



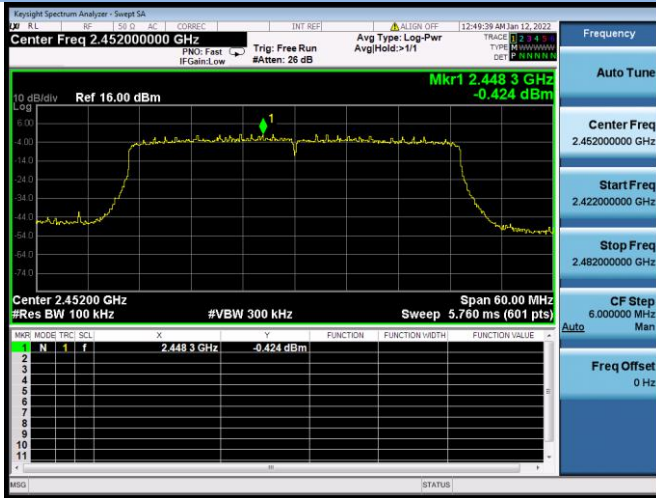
802.11ax-40 3 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

[illegible]

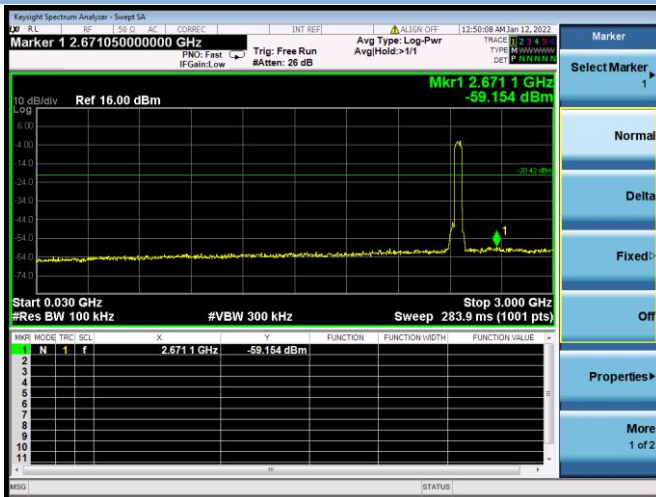
802.11ax-40 6 CHANNEL, SPURIOUS
2 GHz ~ 25 GHz



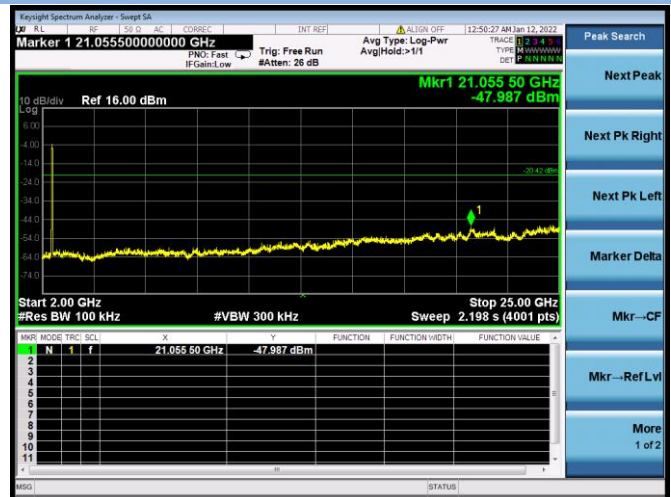
802.11ax-40 9 CHANNEL CARRIER LEVEL



802.11ax-40 9 CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11ax-40 9 CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



A.4 Band Edge (Authorized-band band-edge)

Test Data

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

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-45.53	9.59	-10.41	Pass
11	-56.96	9.49	-10.51	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-40.14	5.41	-14.59	Pass
11	-55.40	5.35	-14.65	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.07	5.52	-14.48	Pass
11	-54.86	4.30	-15.70	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-41.34	2.43	-17.57	Pass
9	-51.22	2.68	-17.32	Pass

802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.58	5.51	-14.49	Pass
11	-54.56	5.28	-14.72	Pass

802.11ax-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-41.78	2.36	-17.64	Pass
9	-50.88	2.63	-17.38	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-49.68	7.74	-12.26	Pass
11	-56.85	9.35	-10.65	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.39	5.12	-14.89	Pass
11	-52.54	4.84	-15.17	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-39.26	4.75	-15.26	Pass
11	-51.54	5.49	-14.51	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-40.43	2.63	-17.37	Pass
7	-52.12	2.17	-17.83	Pass
8	-51.99	1.66	-18.35	Pass
9	-50.06	1.86	-18.14	Pass

802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-38.71	4.26	-15.74	Pass
11	-50.31	4.91	-15.10	Pass

802.11ax-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-40.62	2.55	-17.46	Pass
7	-51.49	2.67	-17.34	Pass
8	-51.76	1.94	-18.06	Pass
9	-48.62	1.25	-18.75	Pass

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-43.98	2.43	-17.57	Pass
11	-56.50	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	
3	-47.94	-0.09	-20.09	Pass
9	-56.39	-0.41	-20.41	Pass

802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-44.47	1.52	-18.48	Pass
11	-55.54	2.45	-17.55	Pass

802.11ax-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-48.11	-0.60	-20.60	Pass
9	-55.91	-1.70	-21.70	Pass

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-42.94	2.23	-17.77	Pass
11	-54.62	2.52	-17.48	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-45.72	-0.28	-20.28	Pass
9	-53.34	0.42	-19.58	Pass

802.11ax-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-41.93	2.73	-17.27	Pass
11	-53.54	2.29	-17.71	Pass

802.11ax-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-45.51	-0.12	-20.12	Pass
9	-53.28	-0.42	-20.42	Pass

Test Plots

Main Antenna

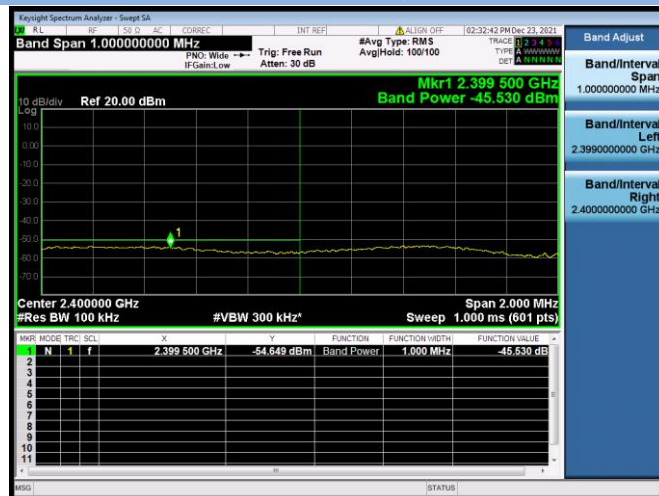
802.11b 1 CHANNEL, Carrier level



802.11b 1 CHANNEL, Reference level



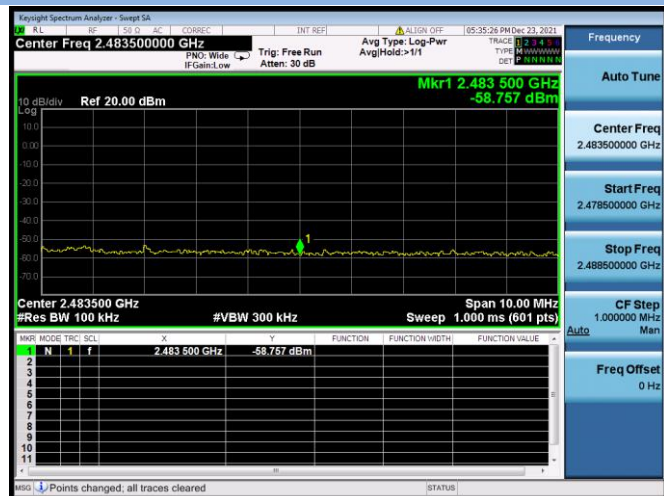
802.11b 1 CHANNEL, Band Edge



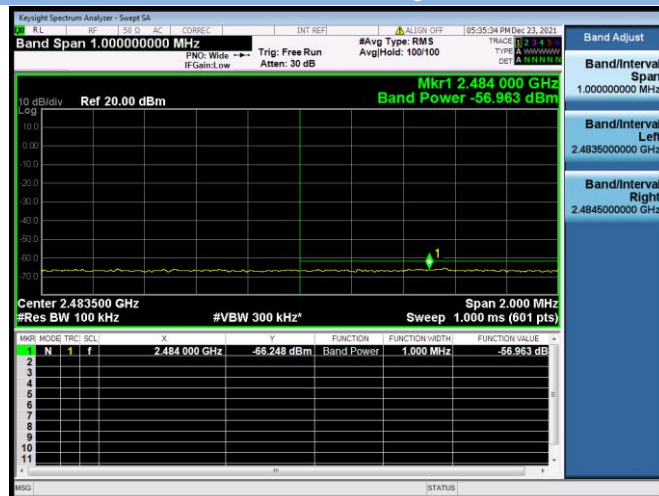
802.11b 11 CHANNEL, Carrier level



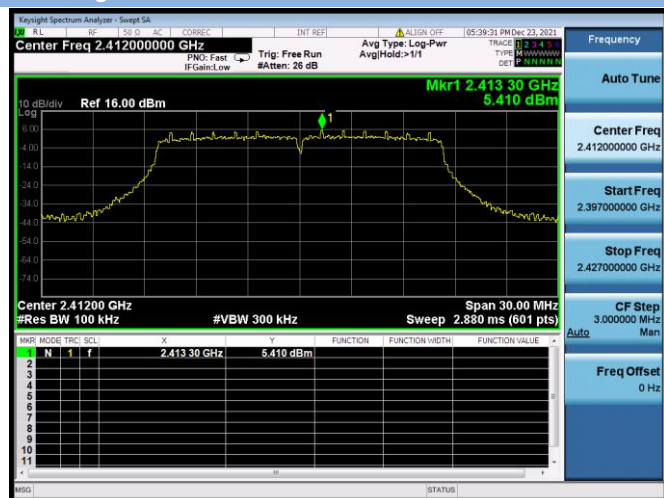
802.11b 11 CHANNEL, Reference level



802.11b 11 CHANNEL, Band Edge



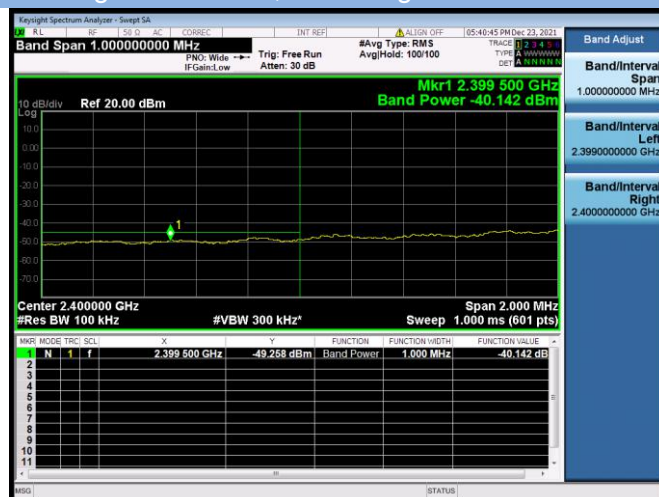
802.11g 1 CHANNEL, Carrier level



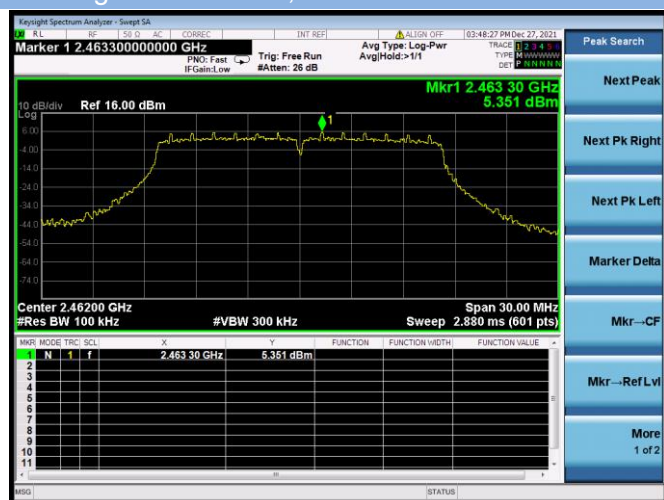
802.11g 1 CHANNEL, Reference level



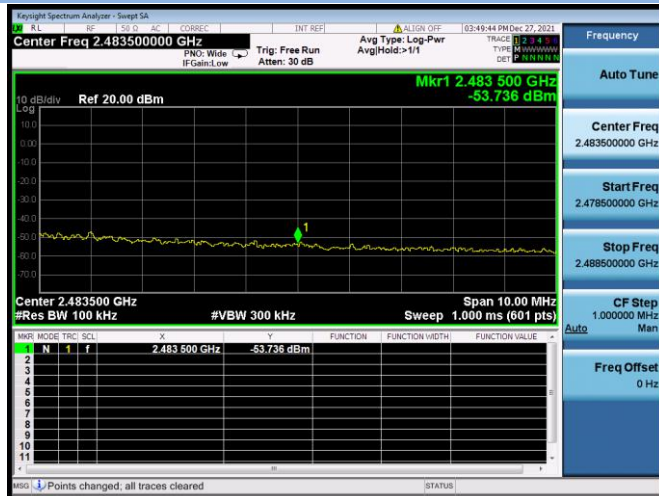
802.11g 1 CHANNEL, Band Edge



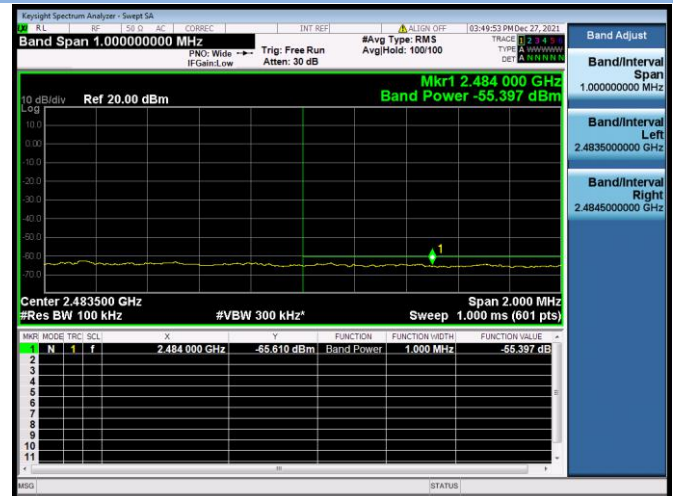
802.11g 11 CHANNEL, Carrier level



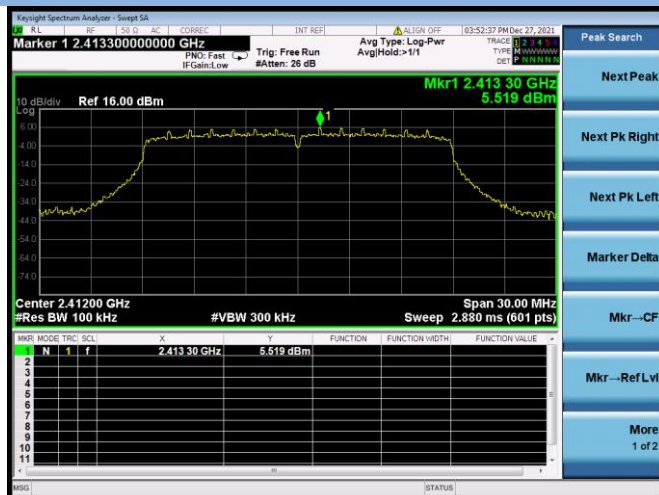
802.11g 11 CHANNEL, Reference level



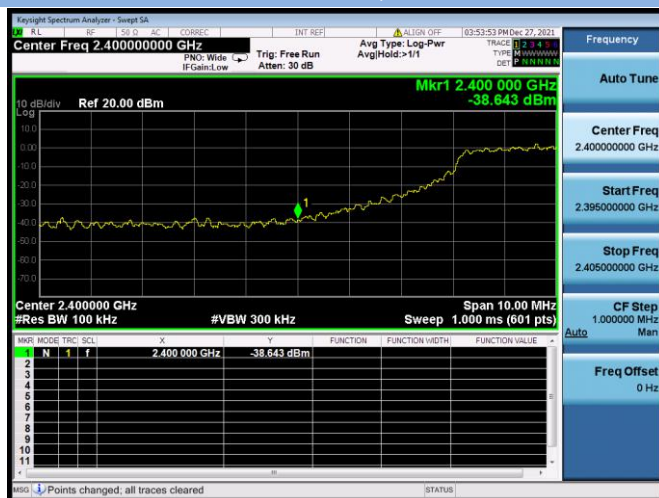
802.11g 11 CHANNEL, Band Edge



802.11n-20 MHz 1 CHANNEL, Carrier level



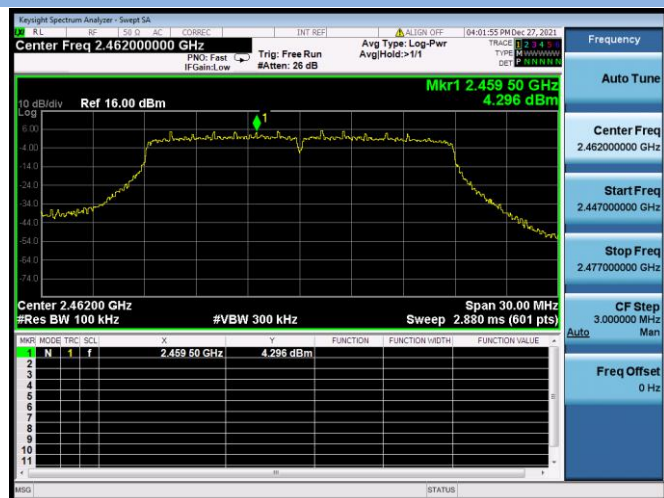
802.11n-20 MHz 1 CHANNEL, Reference level



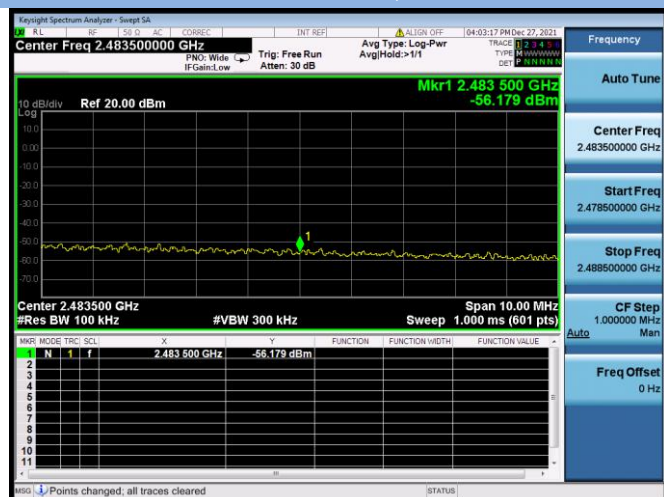
802.11n-20 MHz 1 CHANNEL, Band Edge



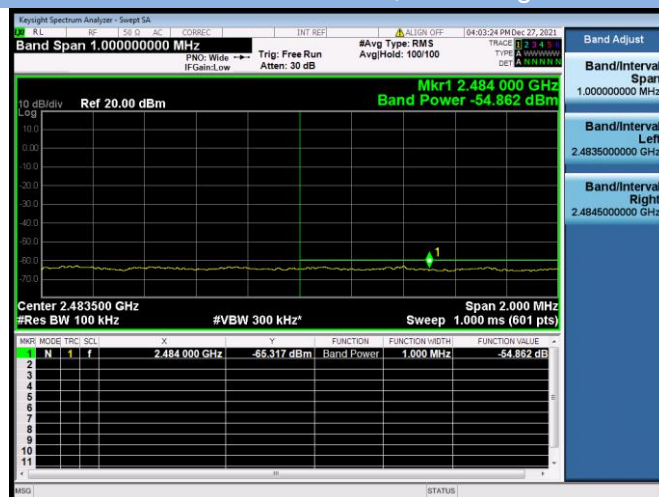
802.11n-20 MHz 11 CHANNEL, Carrier level



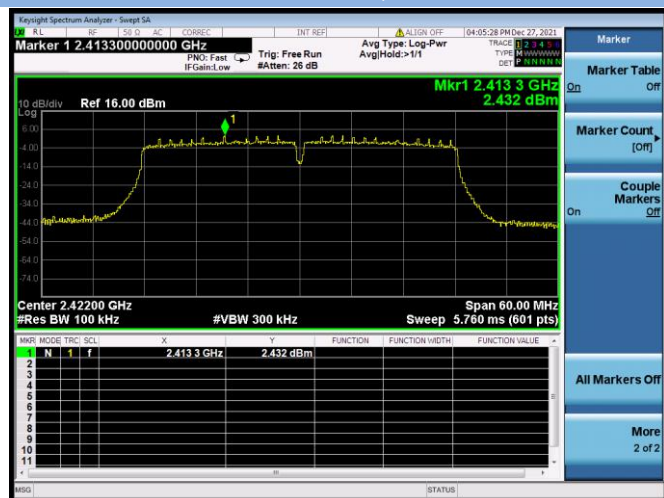
802.11n-20 MHz 11 CHANNEL, Reference level



802.11n-20 MHz 11 CHANNEL, Band Edge



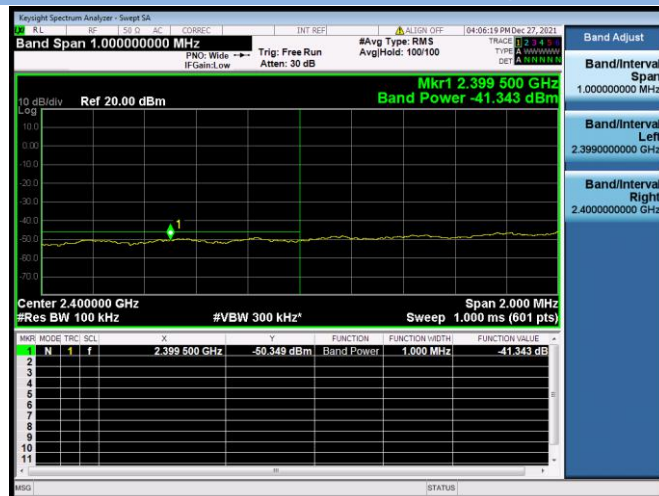
802.11n-40 MHz 3 CHANNEL, Carrier level



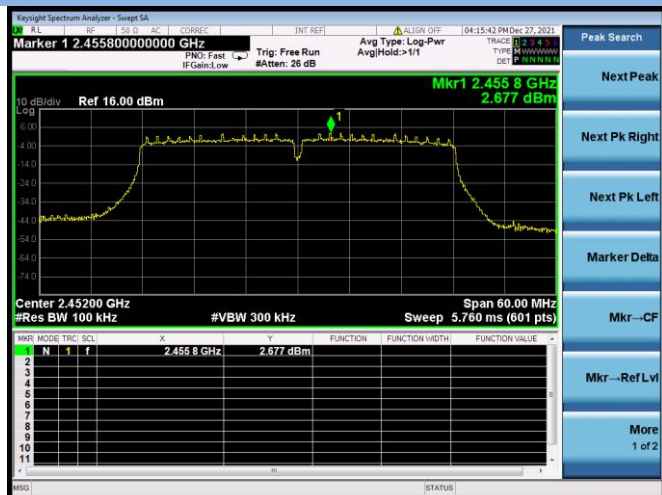
802.11n-40 MHz 3 CHANNEL, Reference level



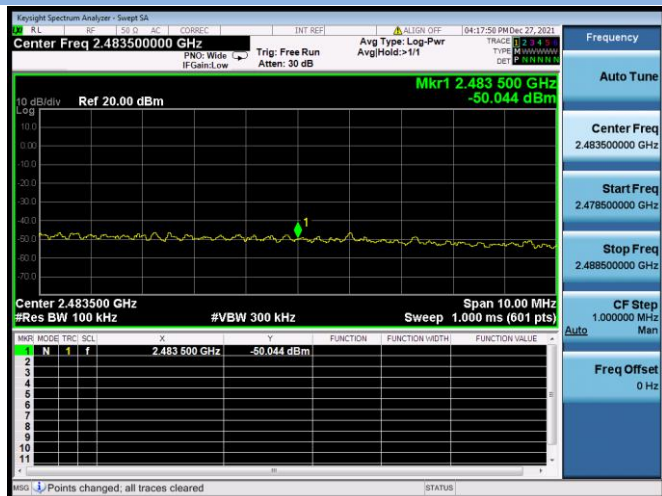
802.11n-40 MHz 3 CHANNEL, Band Edge



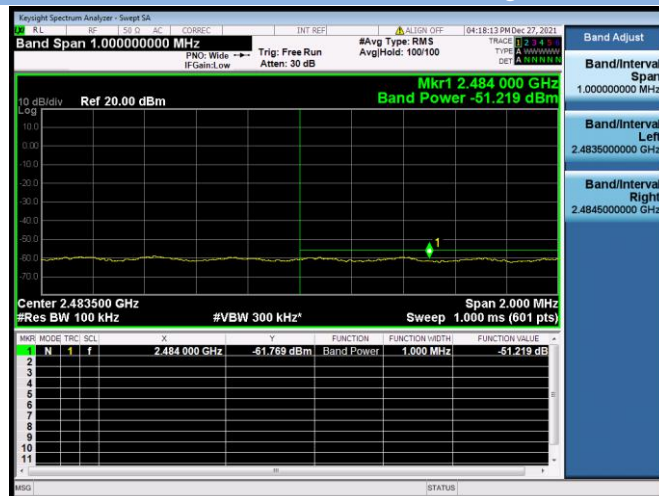
802.11n-40 MHz 9 CHANNEL, Carrier level



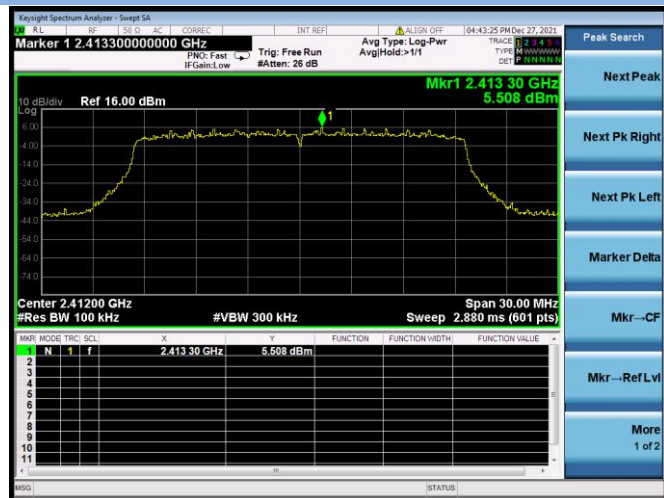
802.11n-40 MHz 9 CHANNEL, Reference level



802.11n-40 MHz 9 CHANNEL, Band Edge



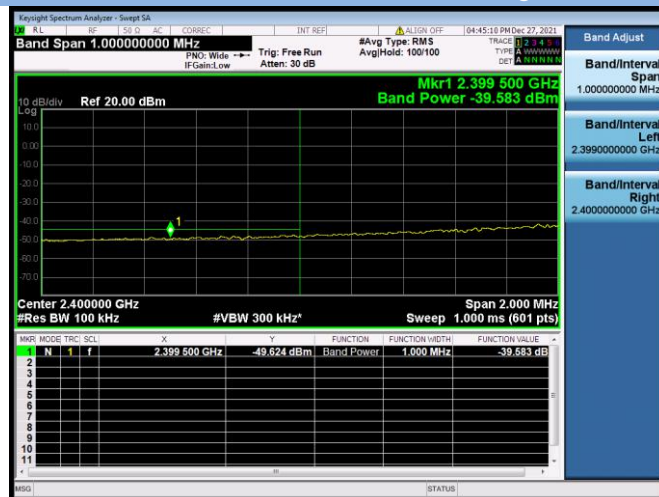
802.11ax-20 MHz 1 CHANNEL, Carrier level



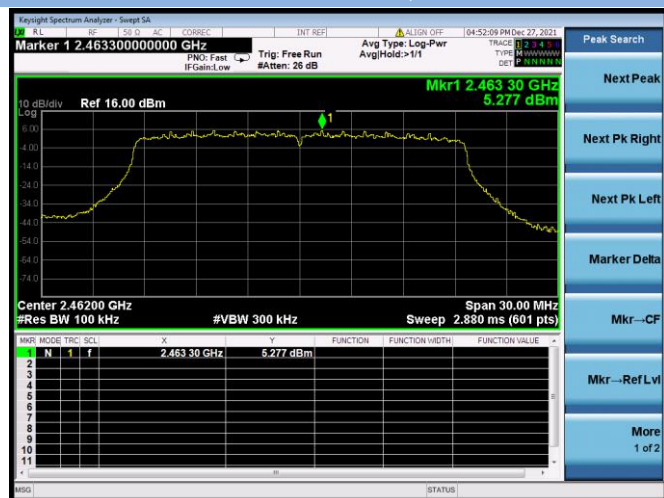
802.11ax-20 MHz 1 CHANNEL, Reference level



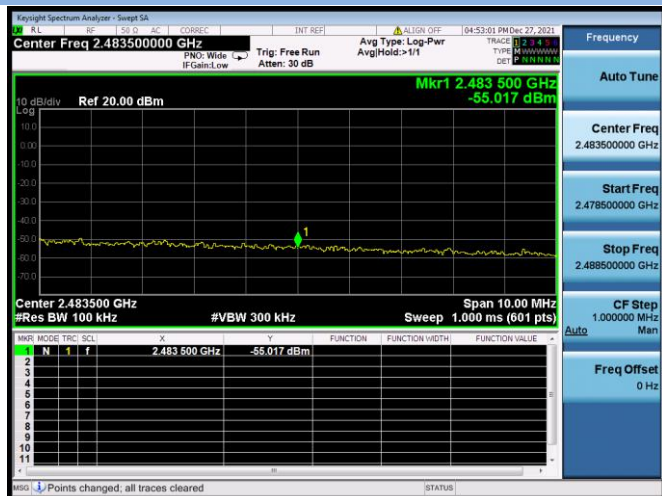
802.11ax-20 MHz 1 CHANNEL, Band Edge



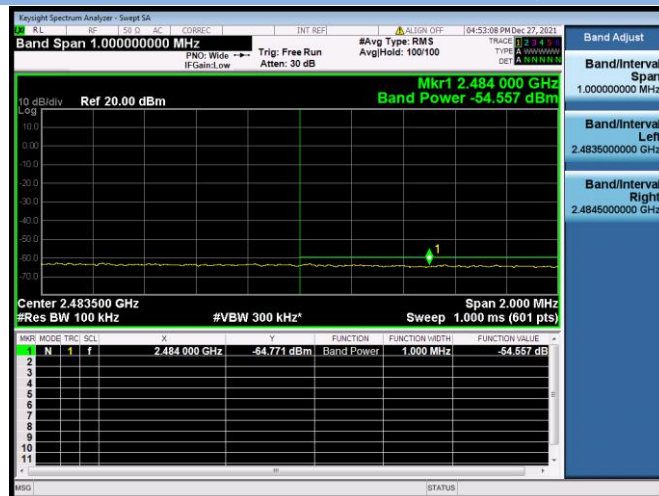
802.11ax-20 MHz 11 CHANNEL, Carrier level



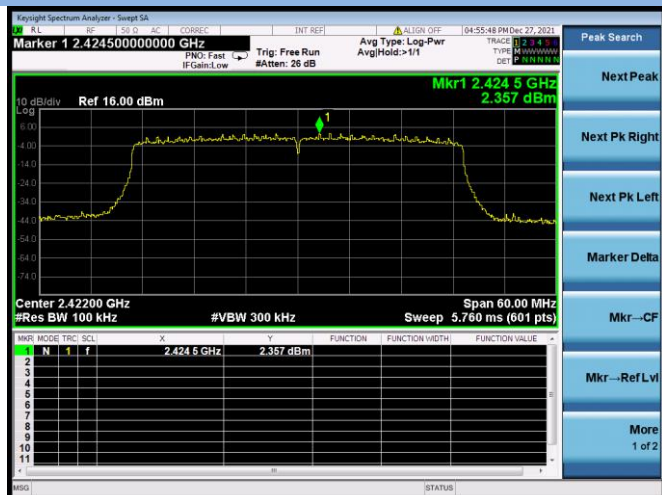
802.11ax-20 MHz 11 CHANNEL, Reference level



802.11ax-20 MHz 11 CHANNEL, Band Edge



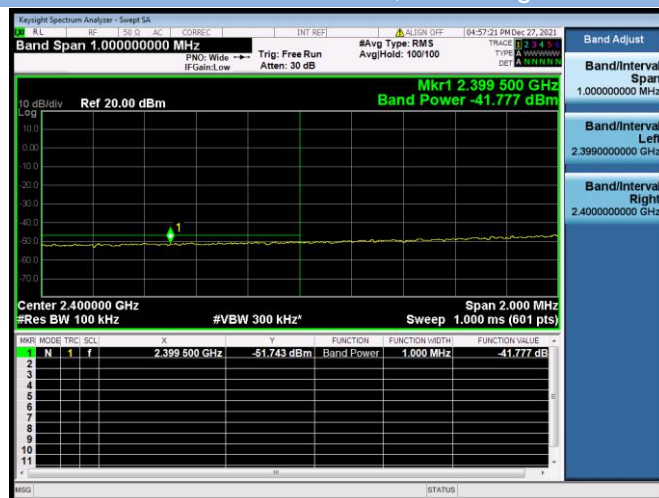
802.11ax-40 MHz 3 CHANNEL, Carrier level



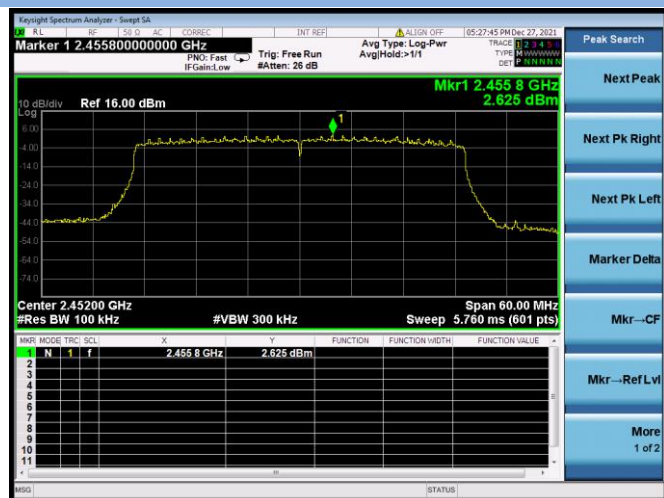
802.11ax-40 MHz 3 CHANNEL, Reference level



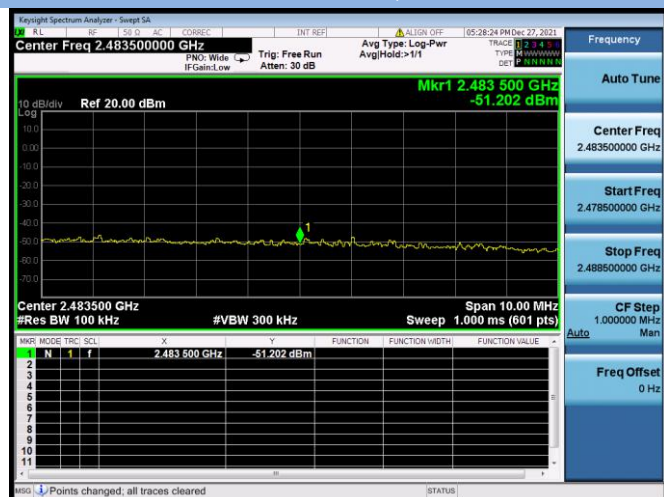
802.11ax-40 MHz 3 CHANNEL, Band Edge



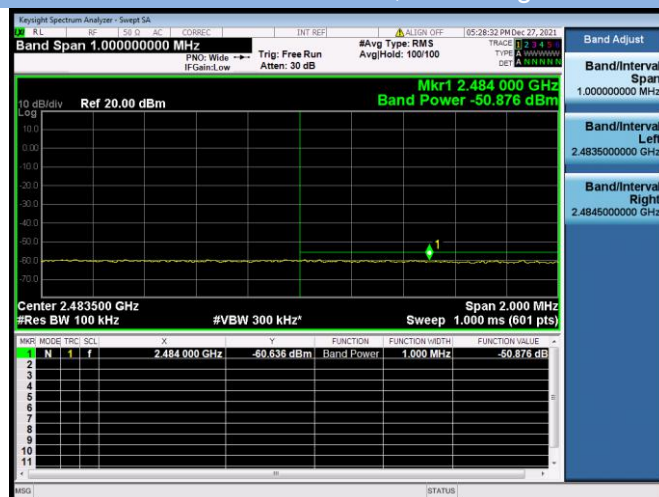
802.11ax-40 MHz 9 CHANNEL, Carrier level



802.11ax-40 MHz 9 CHANNEL, Reference level



802.11ax-40 MHz 9 CHANNEL, Band Edge



Aux. Antenna

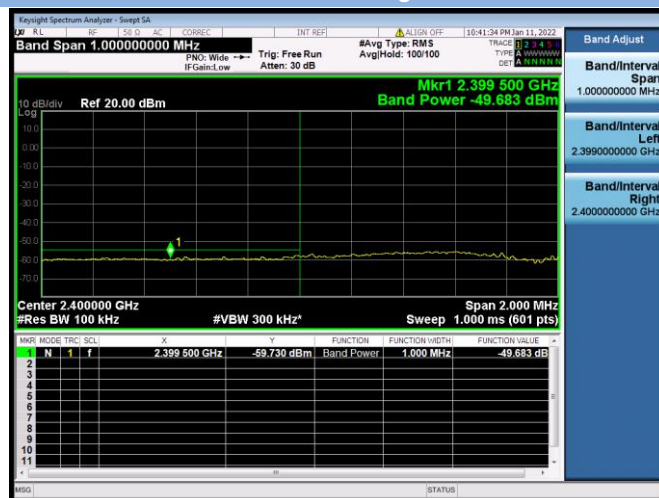
802.11b 1 CHANNEL, Carrier level



802.11b 1 CHANNEL, Reference level



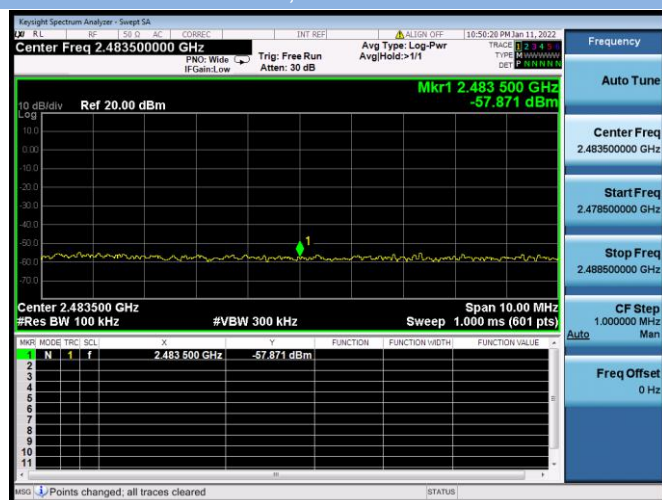
802.11b 1 CHANNEL, Band Edge



802.11b 11 CHANNEL, Carrier level



802.11b 11 CHANNEL, Reference level



802.11b 11 CHANNEL, Band Edge

