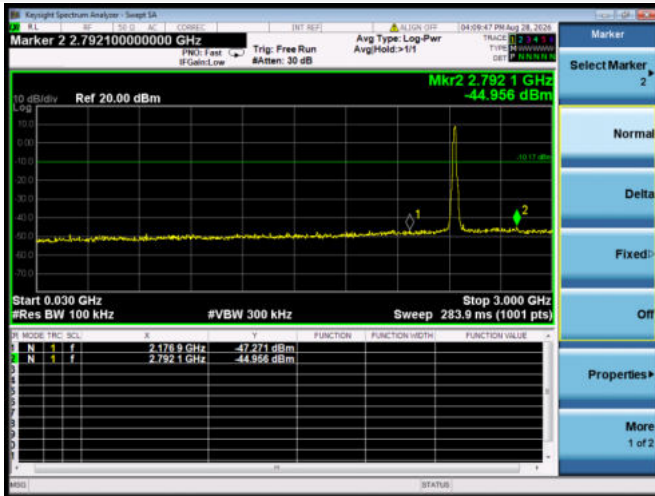
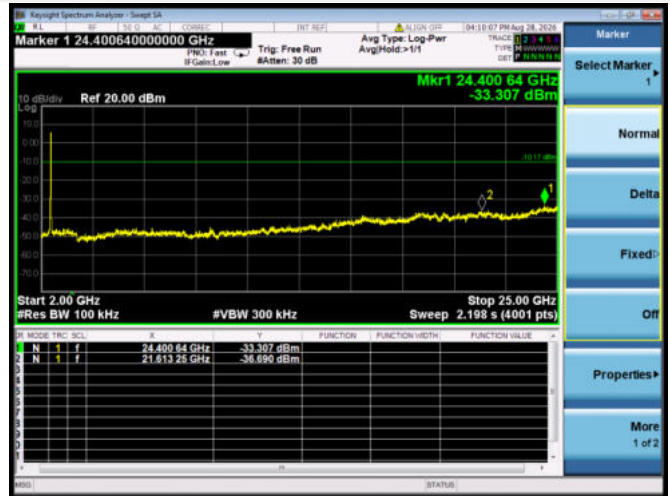


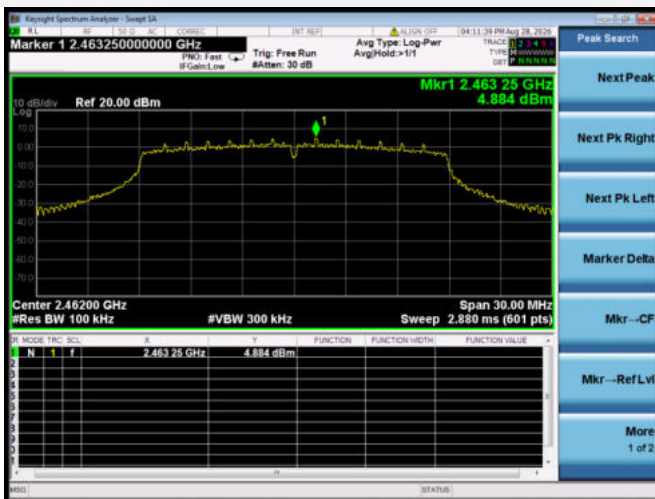
802.11n-20 MHz CH6, SPURIOUS 30 MHz ~ 3 GHz



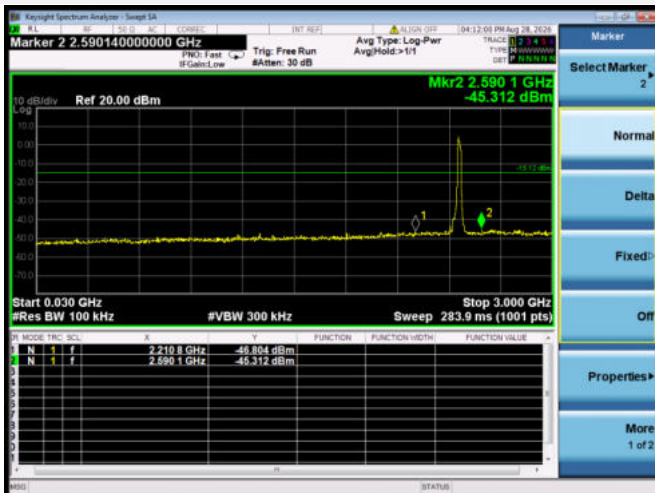
802.11n-20 MHz CH6, SPURIOUS 2 GHz ~ 25 GHz



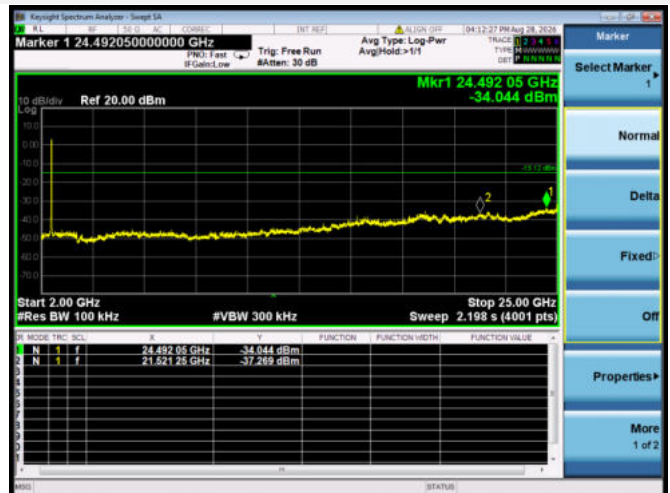
802.11n-20 MHz CH11 CARRIER LEVEL



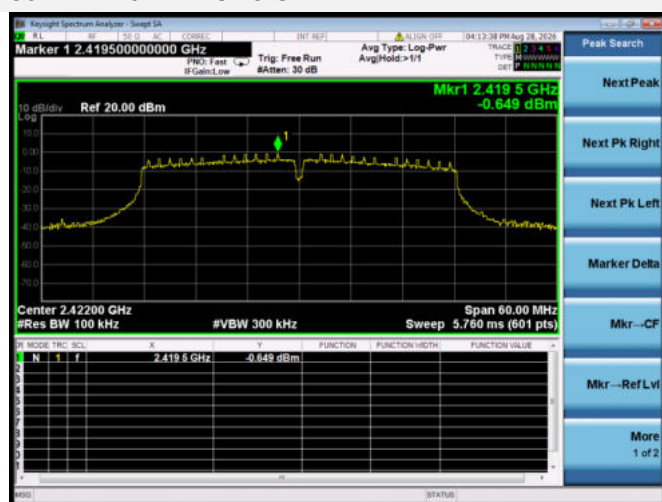
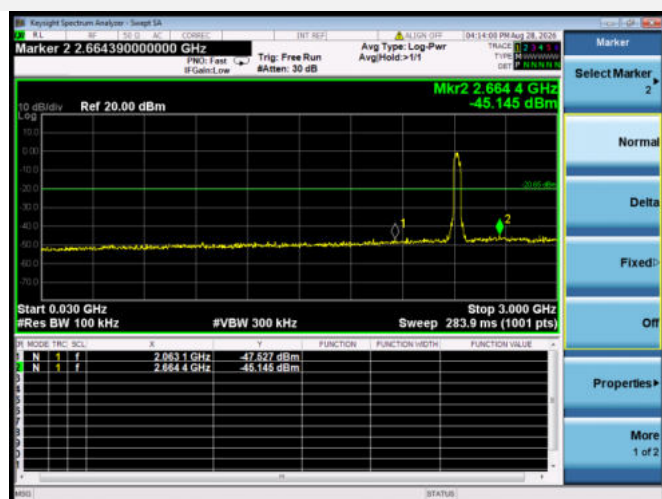
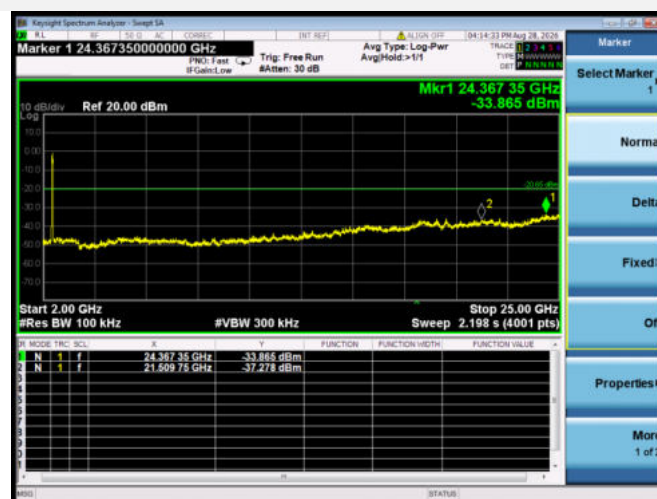
802.11n-20 MHz CH11, SPURIOUS 30 MHz ~ 3 GHz



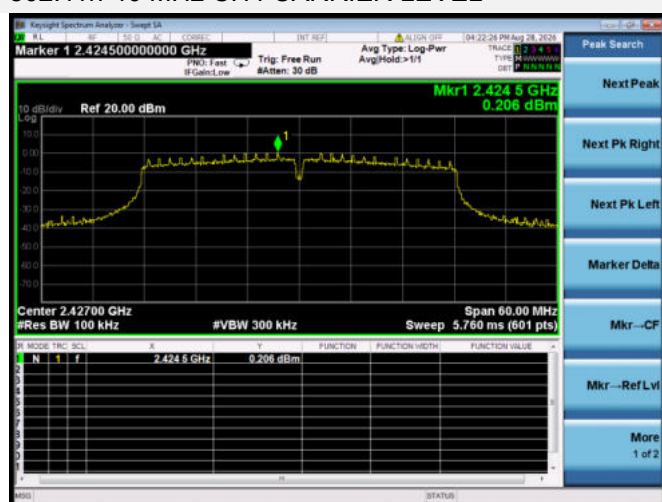
802.11n-20 MHz CH11, SPURIOUS 2 GHz ~ 25 GHz



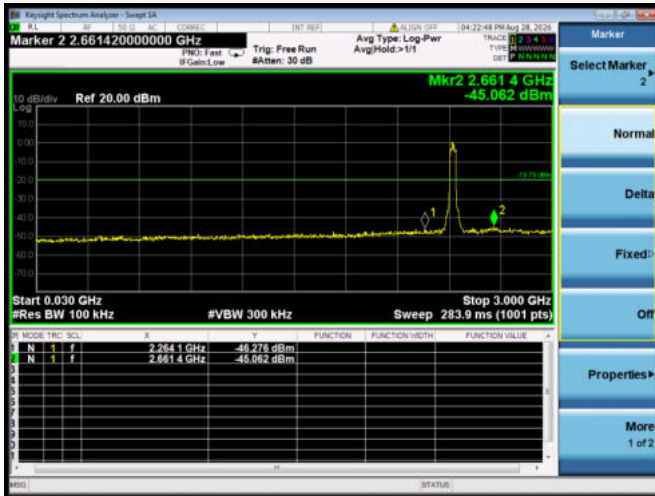
802.11n-40 MHz CH3 CARRIER LEVEL

802.11n-40 MHz CH3, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz CH3, SPURIOUS
2 GHz ~ 25 GHz

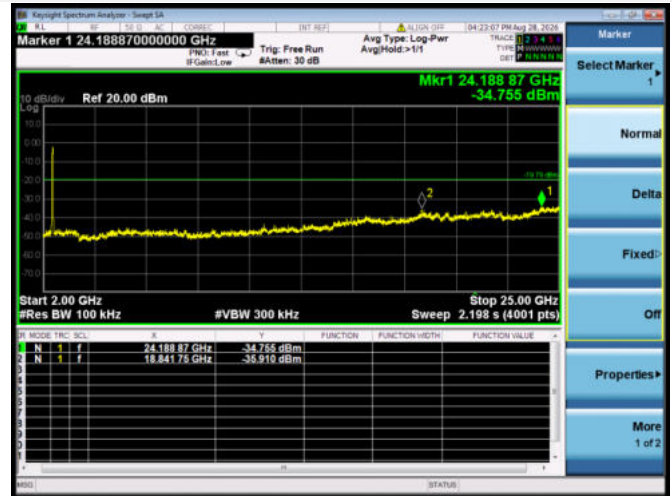
802.11n-40 MHz CH4 CARRIER LEVEL



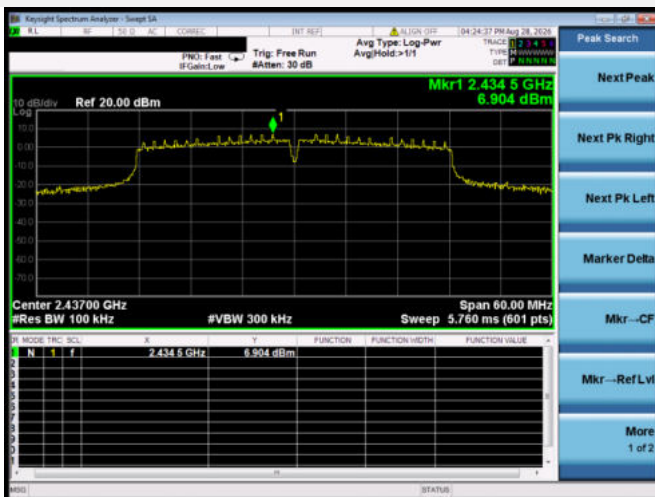
802.11n-40 MHz CH4, SPURIOUS 30 MHz ~ 3 GHz



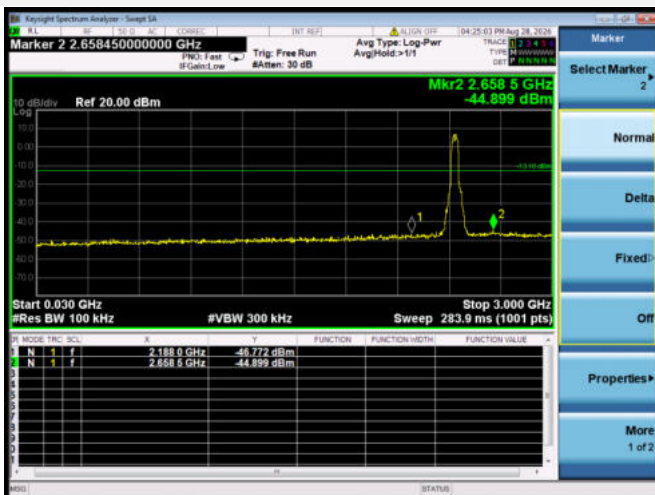
802.11n-40 MHz CH4, SPURIOUS 2 GHz ~ 25 GHz



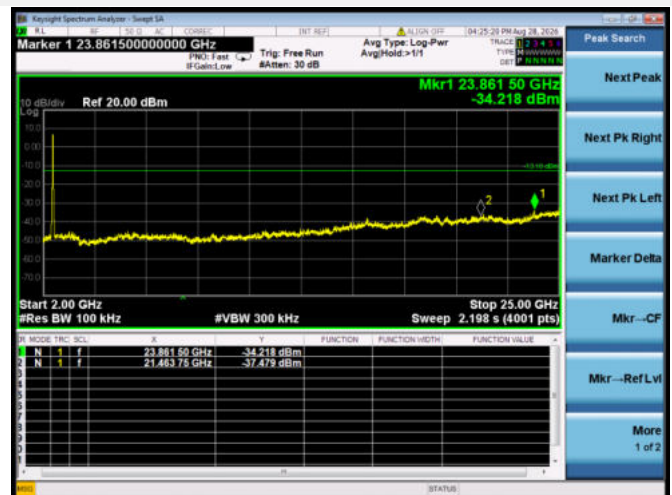
802.11n-40 MHz CH6 CARRIER LEVEL



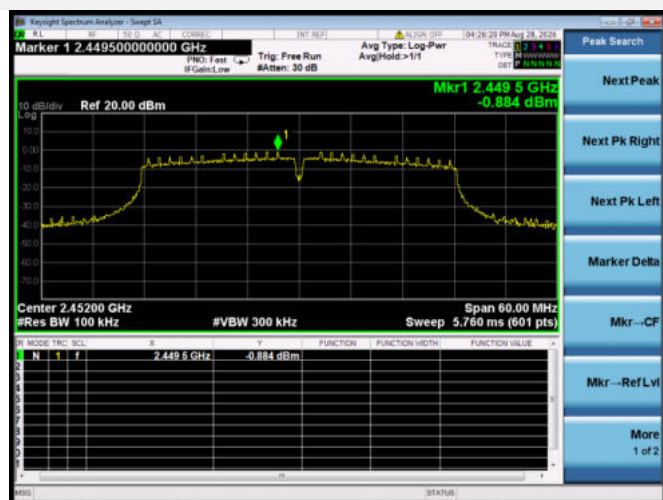
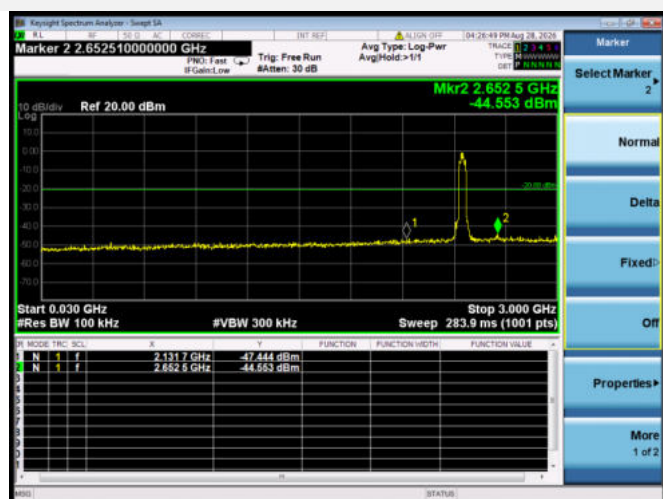
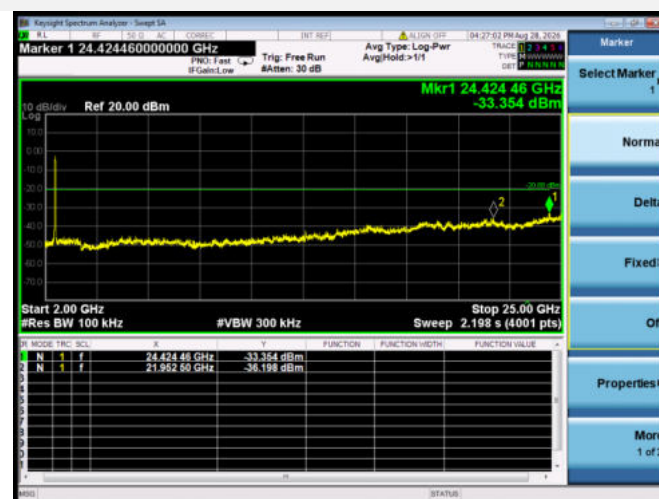
802.11n-40 MHz CH6, SPURIOUS 30 MHz ~ 3 GHz



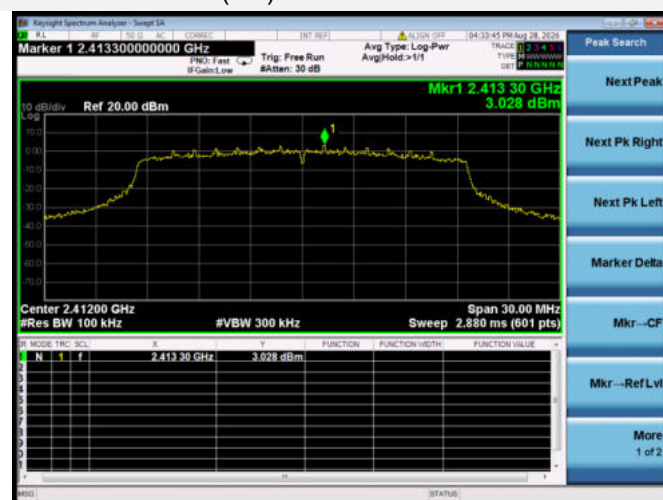
802.11n-40 MHz CH6, SPURIOUS 2 GHz ~ 25 GHz



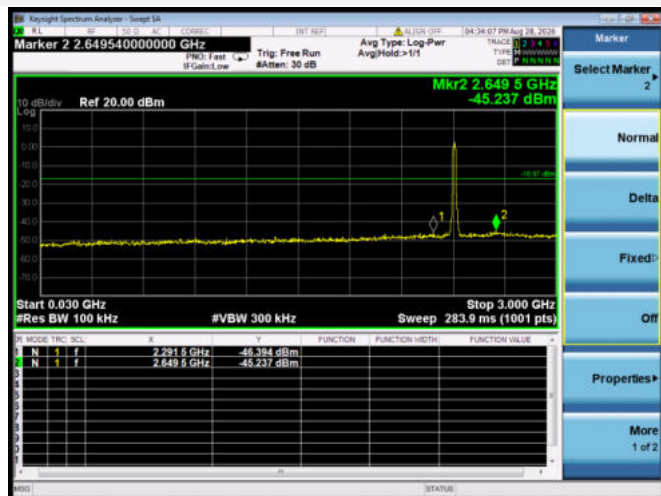
802.11n-40 MHz CH9 CARRIER LEVEL

802.11n-40 MHz CH9, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz CH9, SPURIOUS
2 GHz ~ 25 GHz

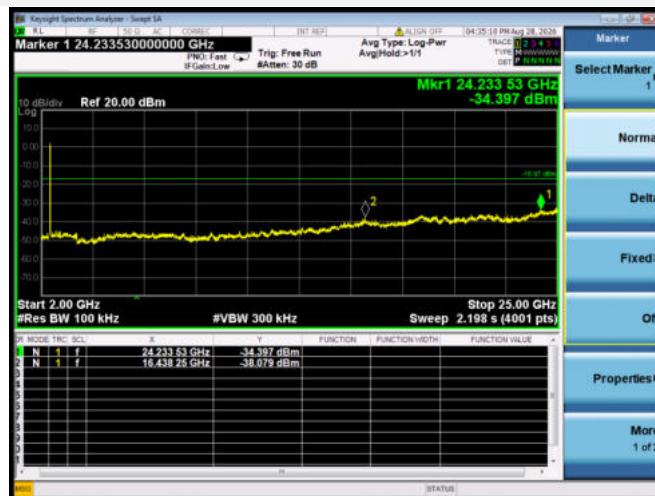
802.11ax-20 MHz(SU) CH1 CARRIER LEVEL



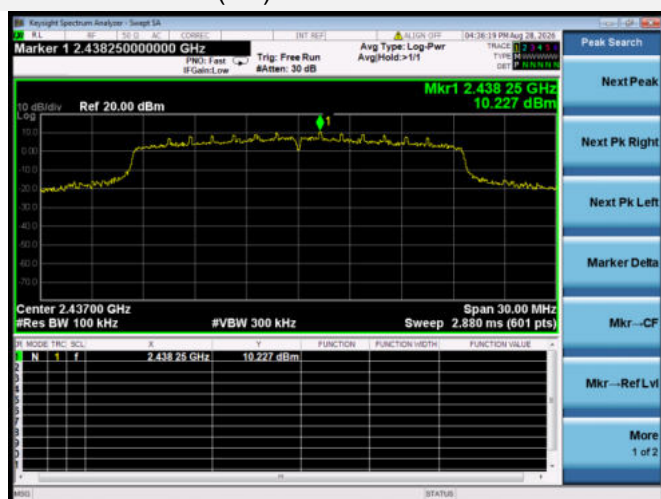
802.11ax-20 MHz(SU) CH1, SPURIOUS 30 MHz ~ 3 GHz



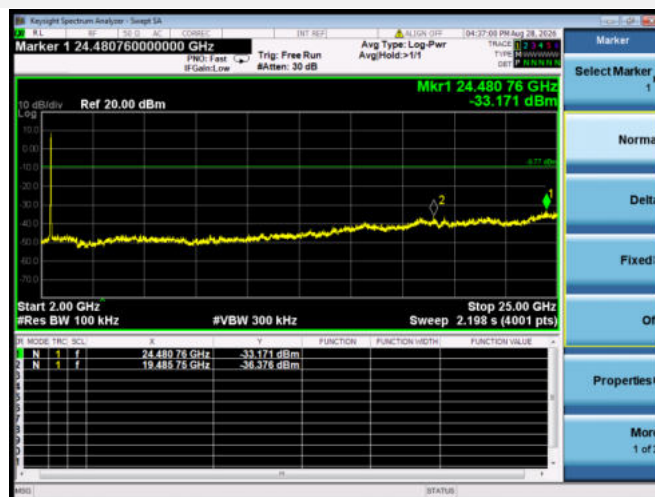
802.11ax-20 MHz(SU) CH1, SPURIOUS 2 GHz ~ 25 GHz



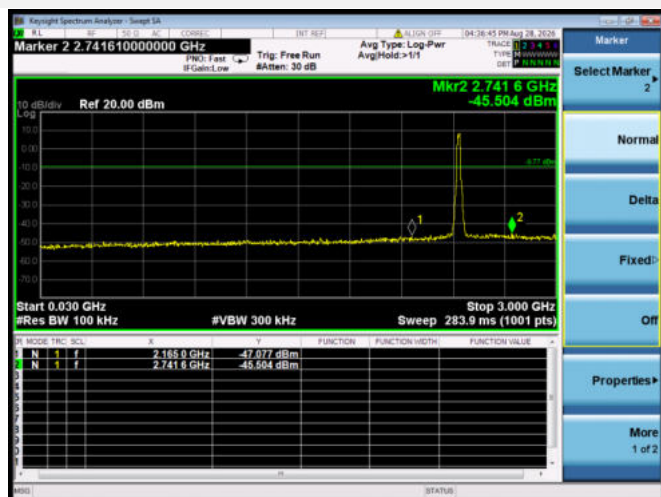
802.11ax-20 MHz(SU) CH6 CARRIER LEVEL



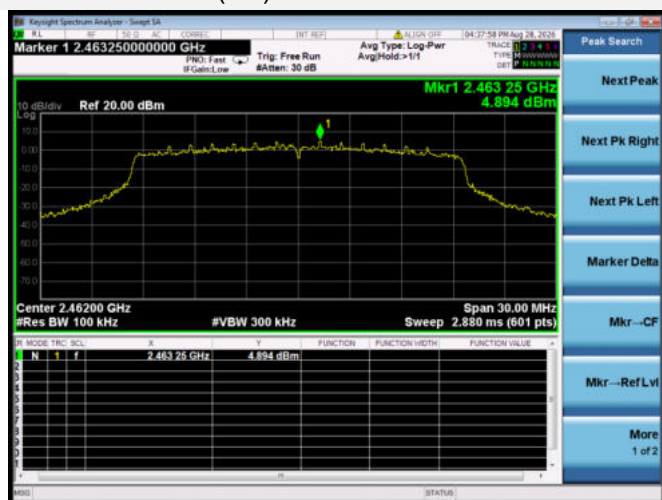
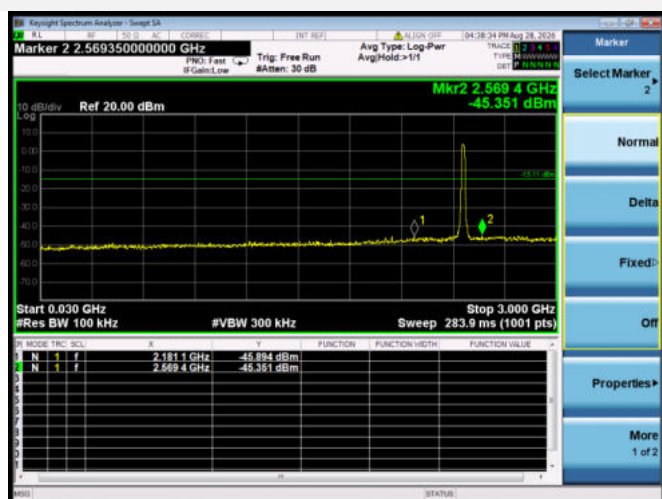
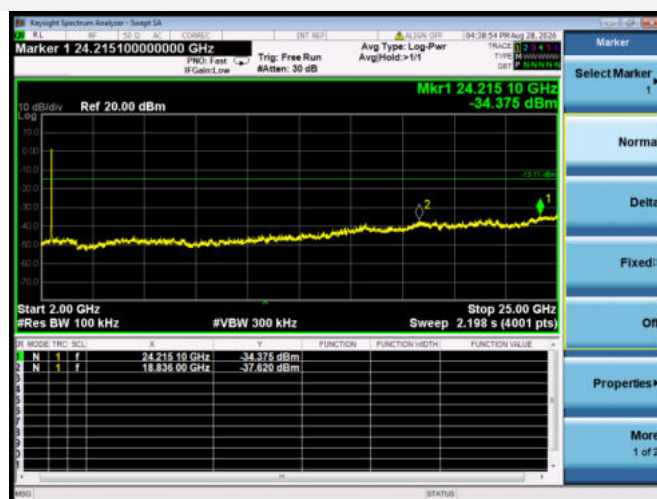
802.11ax-20 MHz(SU) CH6, SPURIOUS 2 GHz ~ 25 GHz



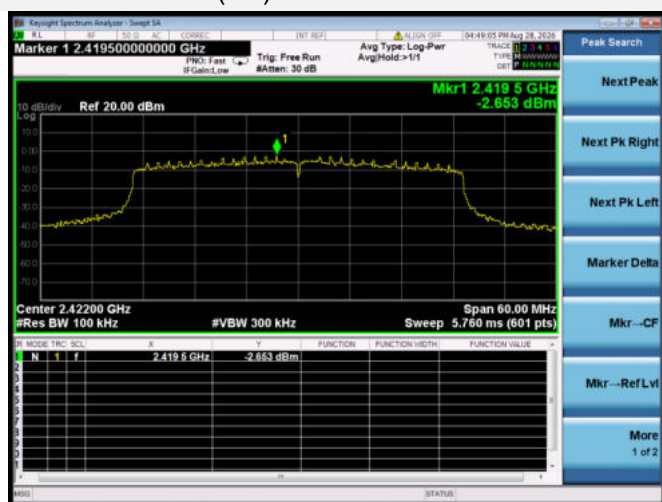
802.11ax-20 MHz(SU) CH6, SPURIOUS 30 MHz ~ 3 GHz



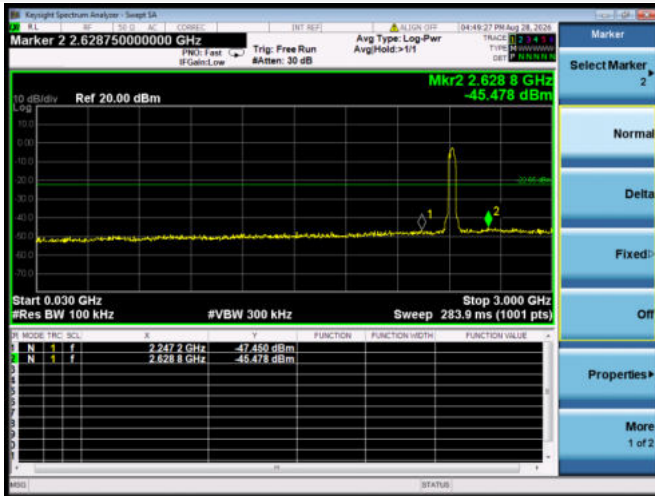
802.11ax-20 MHz(SU) CH11 CARRIER LEVEL

802.11ax-20 MHz(SU) CH11, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) CH11, SPURIOUS
2 GHz ~ 25 GHz

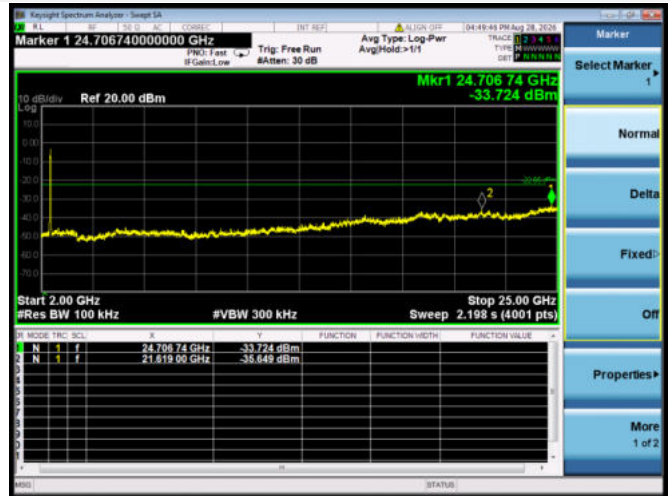
802.11ax-40 MHz(SU) CH3 CARRIER LEVEL



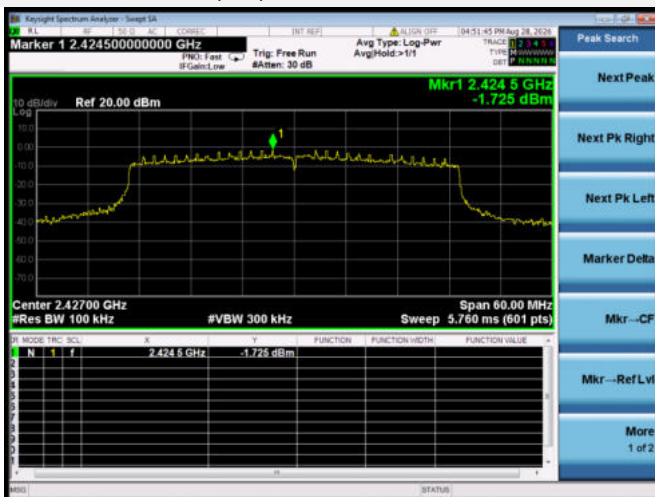
802.11ax-40 MHz(SU) CH3, SPURIOUS 30 MHz ~ 3 GHz



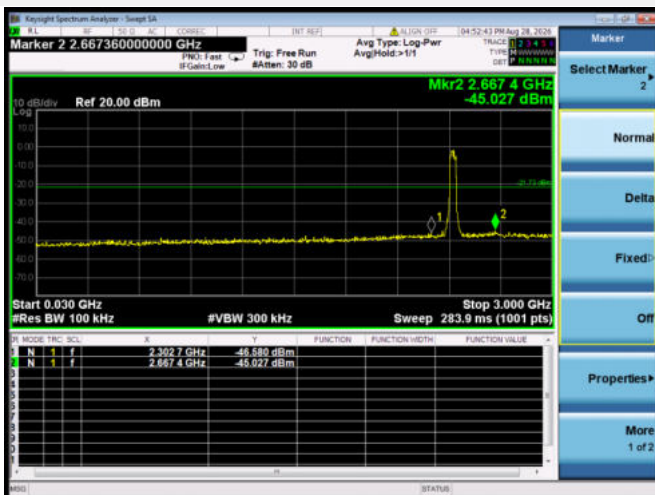
802.11ax-40 MHz(SU) CH3, SPURIOUS 2 GHz ~ 25 GHz



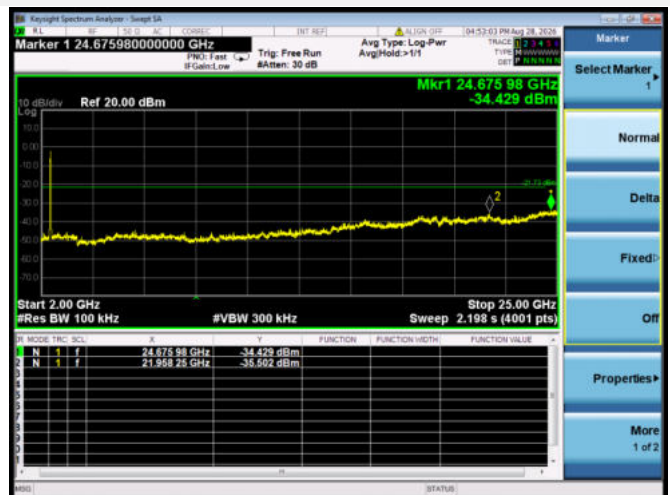
802.11ax-40 MHz(SU) CH4 CARRIER LEVEL



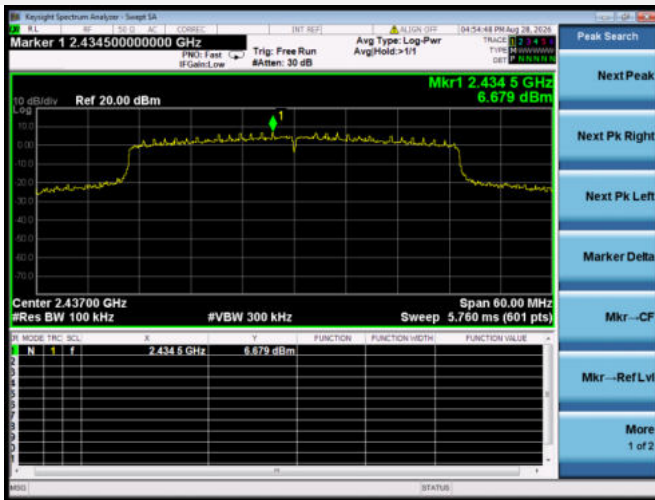
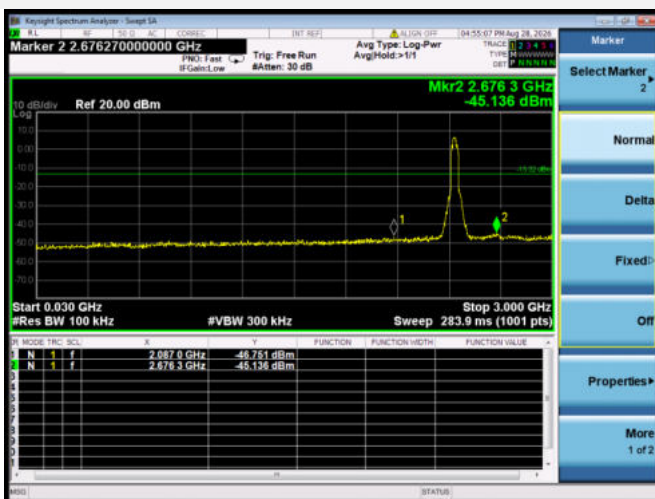
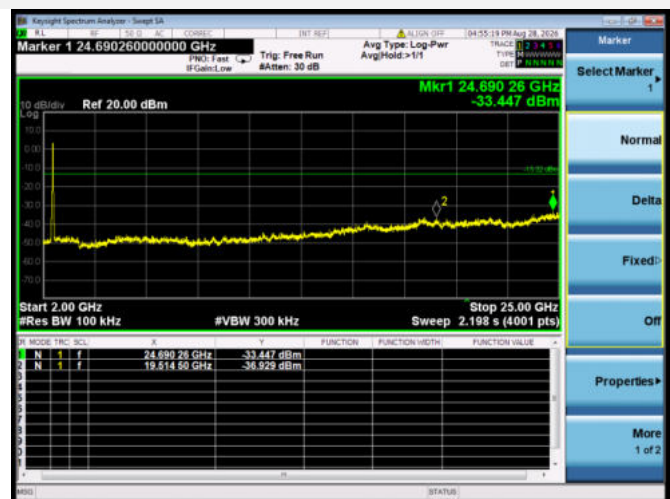
802.11ax-40 MHz(SU) CH4, SPURIOUS 30 MHz ~ 3 GHz



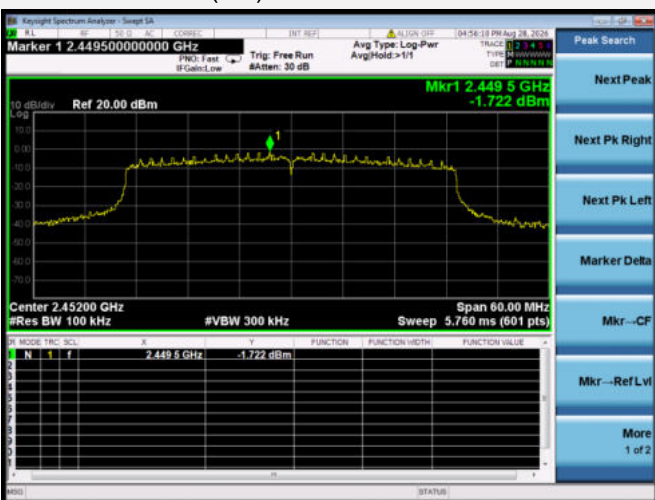
802.11ax-40 MHz(SU) CH4, SPURIOUS 2 GHz ~ 25 GHz



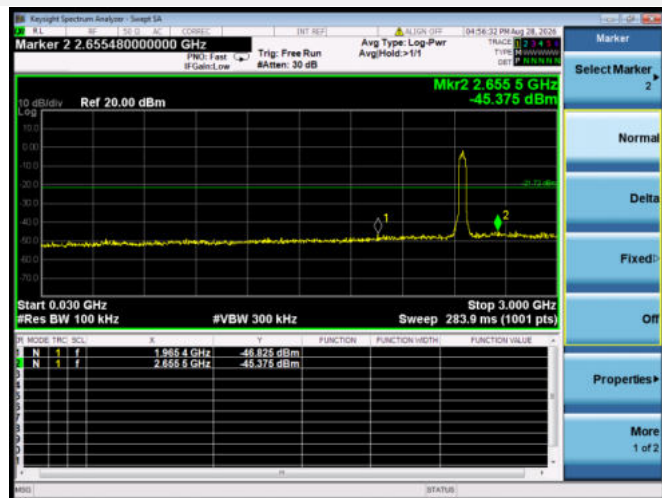
802.11ax-40 MHz(SU) CH6 CARRIER LEVEL

802.11ax-40 MHz(SU) CH6, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) CH6, SPURIOUS
2 GHz ~ 25 GHz

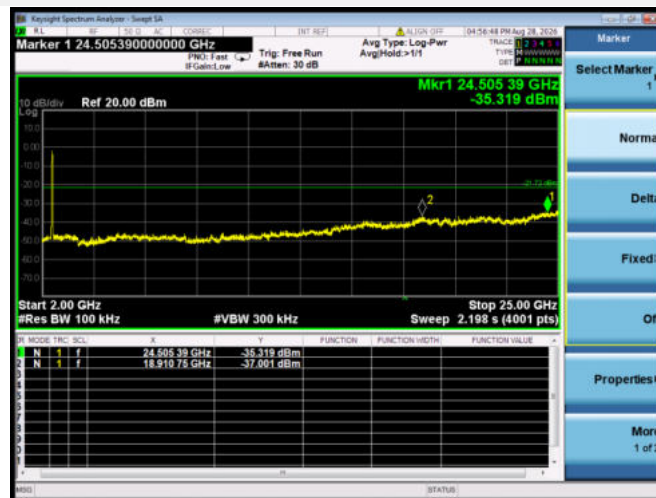
802.11ax-40 MHz(SU) CH9 CARRIER LEVEL



802.11ax-40 MHz(SU) CH9, SPURIOUS
30 MHz ~ 3 GHz

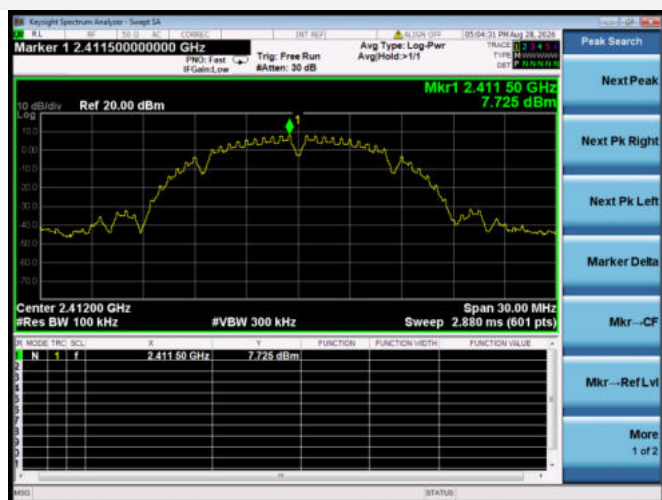


802.11ax-40 MHz(SU) CH9, SPURIOUS
2 GHz ~ 25 GHz

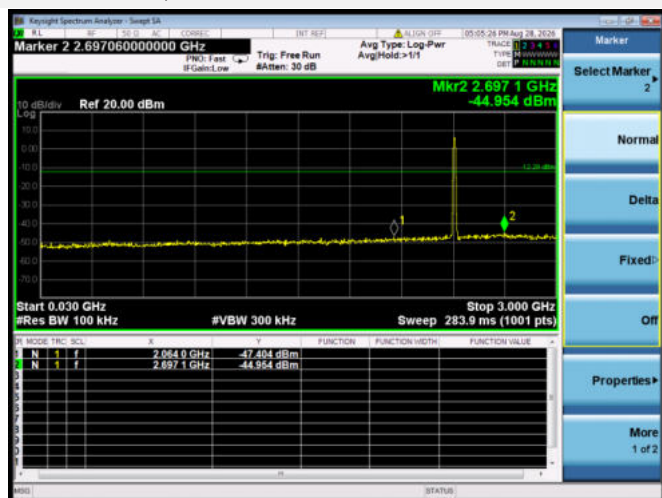


ANT1

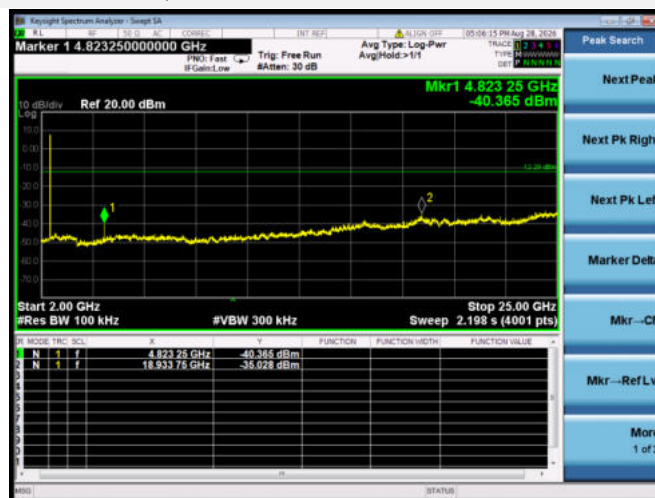
802.11b CH1 CARRIER LEVEL



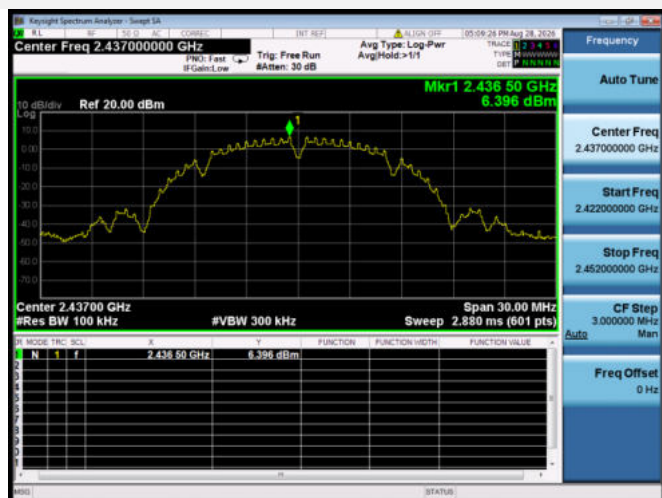
802.11b CH1, SPURIOUS 30 MHz ~ 3 GHz



802.11b CH1, SPURIOUS 2 GHz ~ 25 GHz

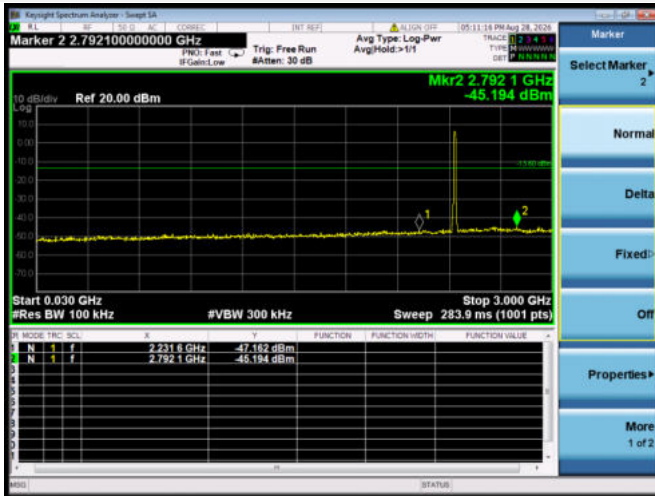


802.11b CH6 CARRIER LEVEL



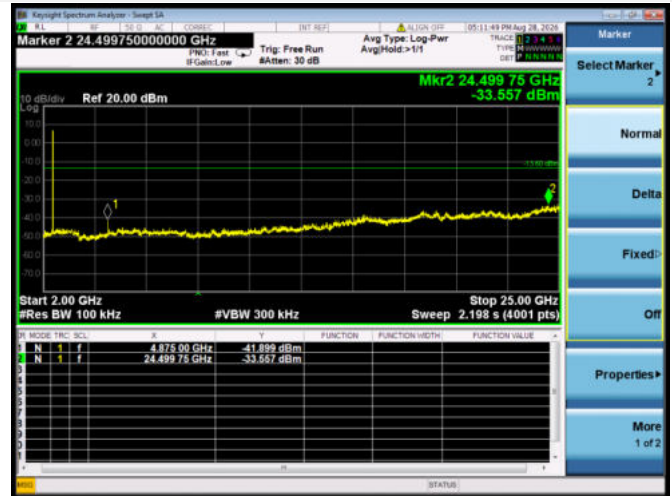
802.11b CH6, SPURIOUS

30 MHz ~ 3 GHz



802.11b CH6, SPURIOUS

2 GHz ~ 25 GHz

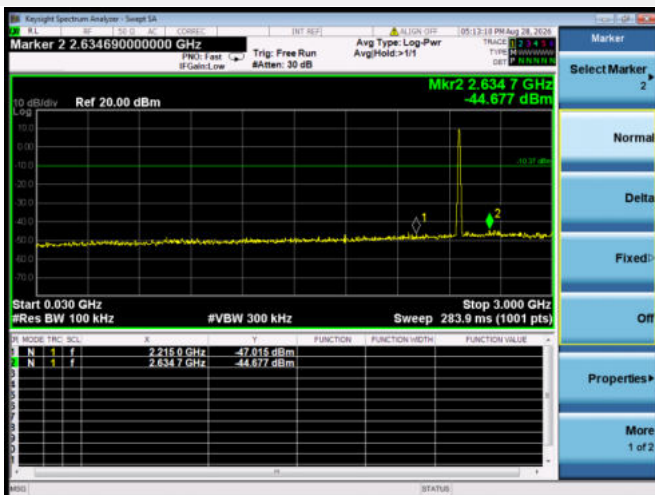


802.11b CH11 CARRIER LEVEL



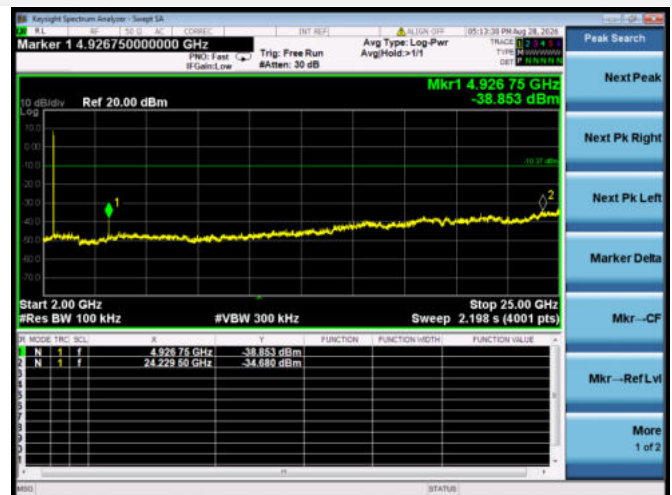
802.11b CH11, SPURIOUS

30 MHz ~ 3 GHz

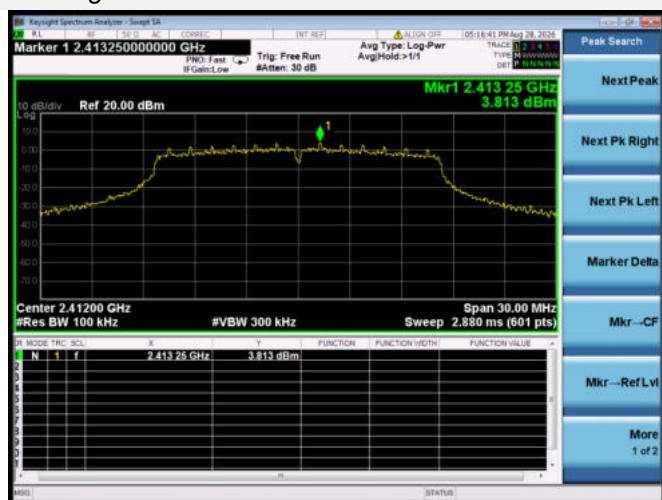


802.11b CH11, SPURIOUS

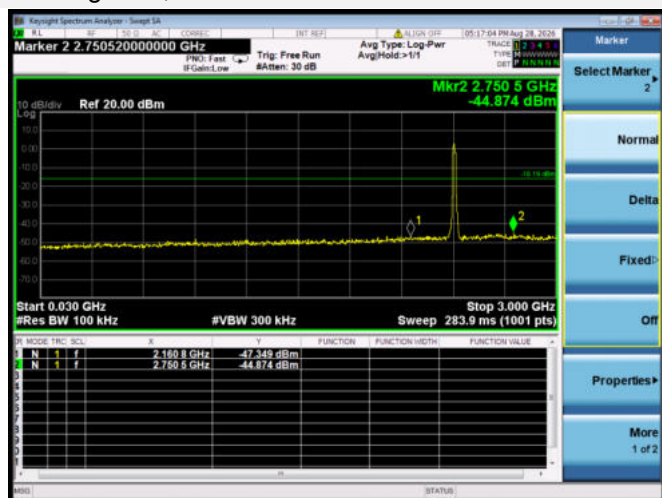
2 GHz ~ 25 GHz



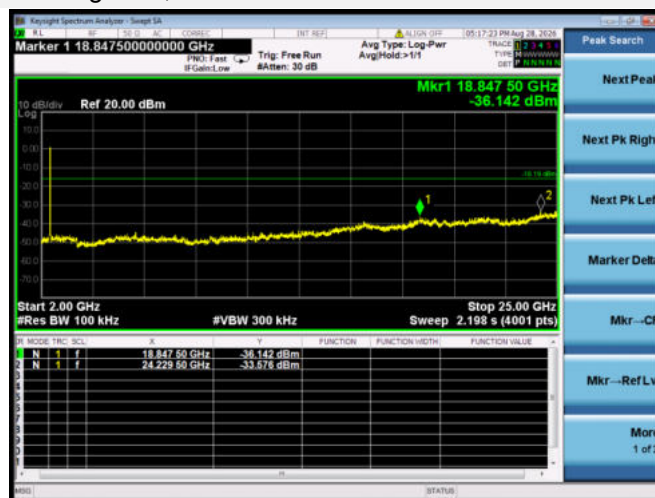
802.11g CH1 CARRIER LEVEL



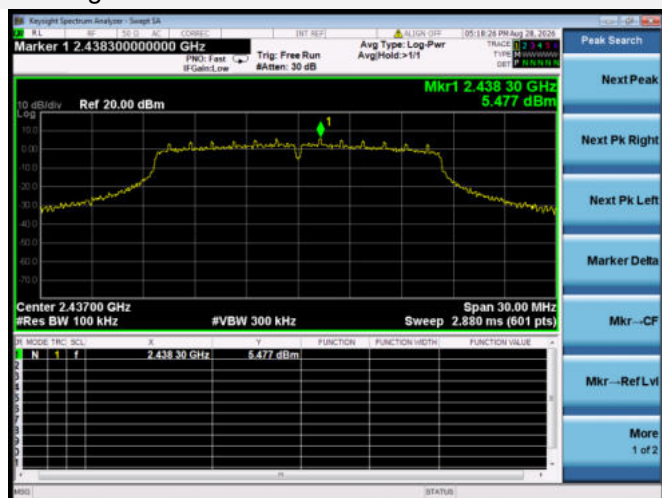
802.11g CH1, SPURIOUS 30 MHz ~ 3 GHz



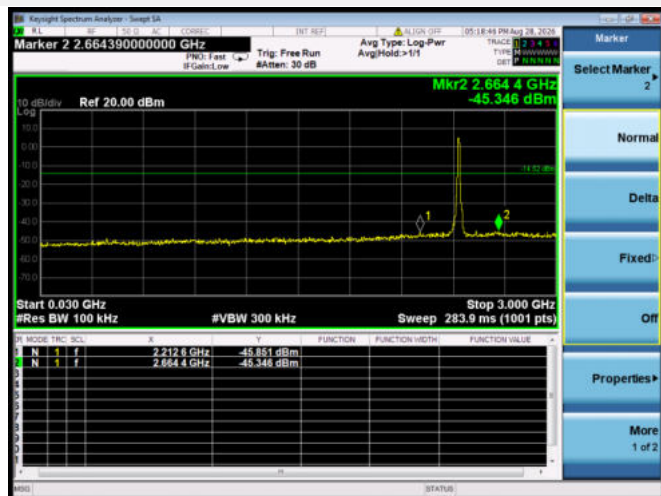
802.11g CH1, SPURIOUS 2 GHz ~ 25 GHz



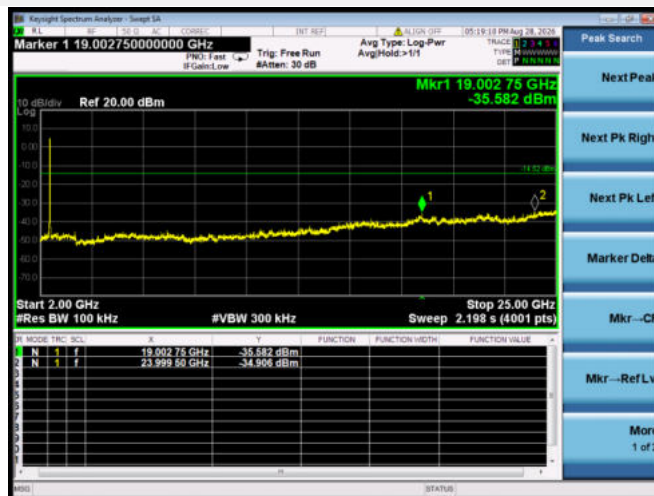
802.11g CH6 CARRIER LEVEL



30 MHz ~ 3 GHz



2 GHz ~ 25 GHz



Keysight Spectrum Analyzer - Sweet LA

Marker 1 2.463300000000 GHz

Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr Avg/Hold: >1/1

Center 2.46200 GHz

Span 30.00 MHz

#Res BW 100 kHz

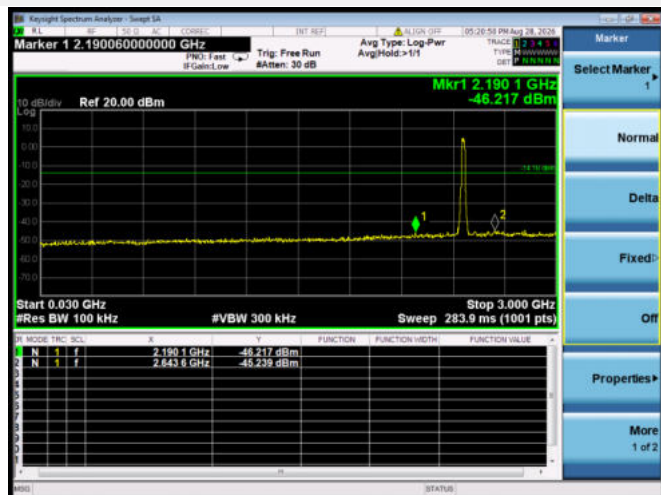
#VBW 300 kHz

Sweep 2.880 ms (601 pts)

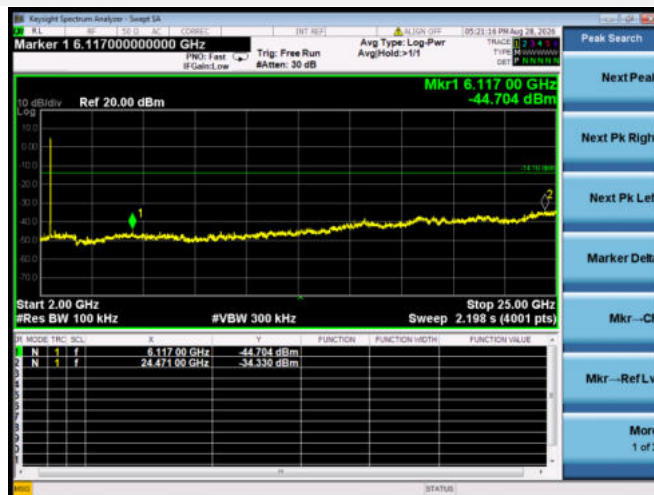
Mkr1 2.46330 GHz 20.00 dBm

MARKER	FREQ (GHz)	LEVEL (dBm)
1	2.46330	20.00

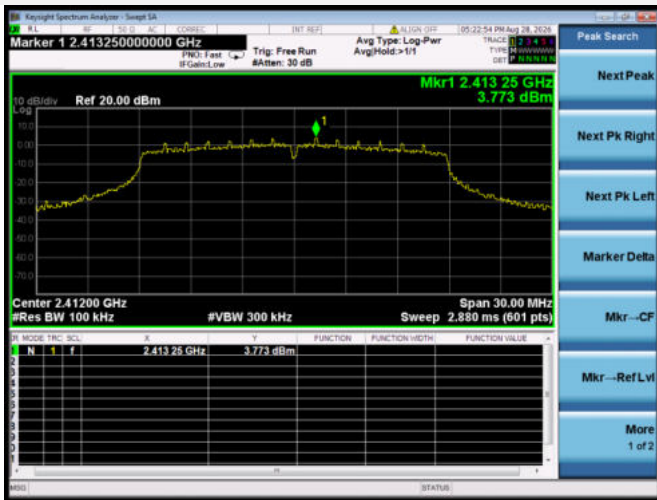
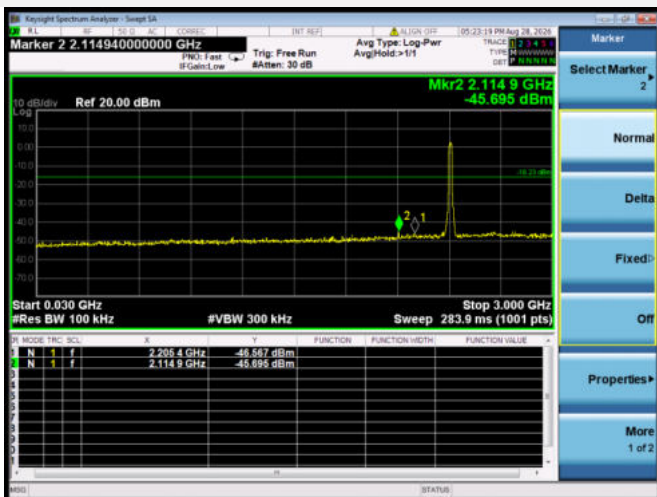
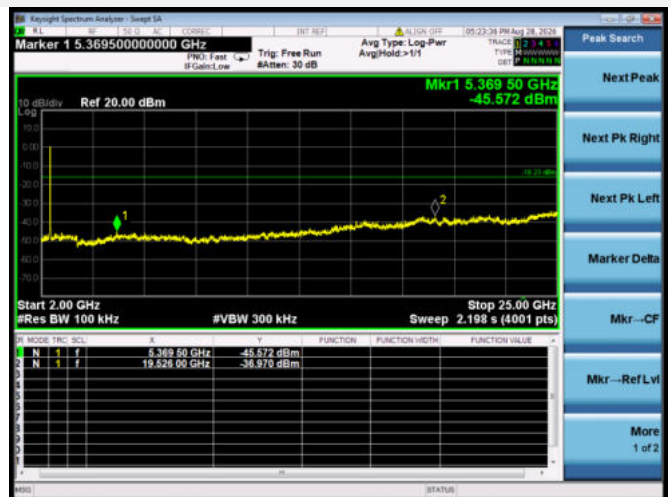
30 MHz ~ 3 GHz



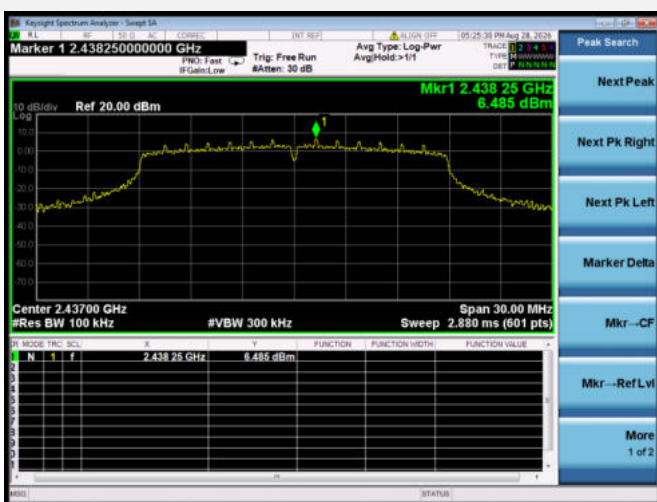
2 GHz ~ 25 GHz



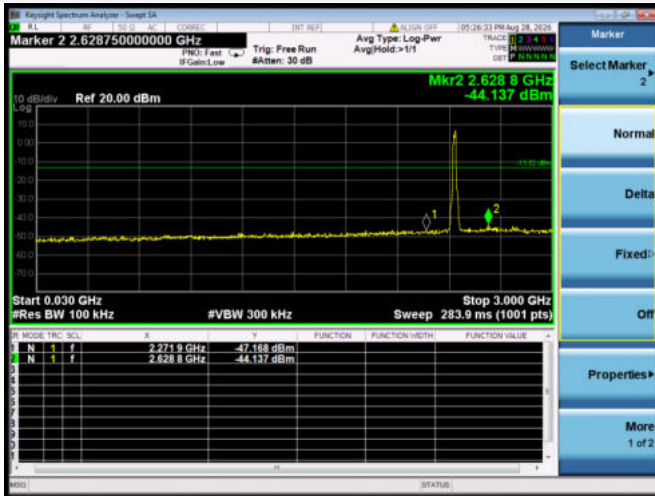
802.11n-20 MHz CH1 CARRIER LEVEL

802.11n-20 MHz CH1, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz CH1, SPURIOUS
2 GHz ~ 25 GHz

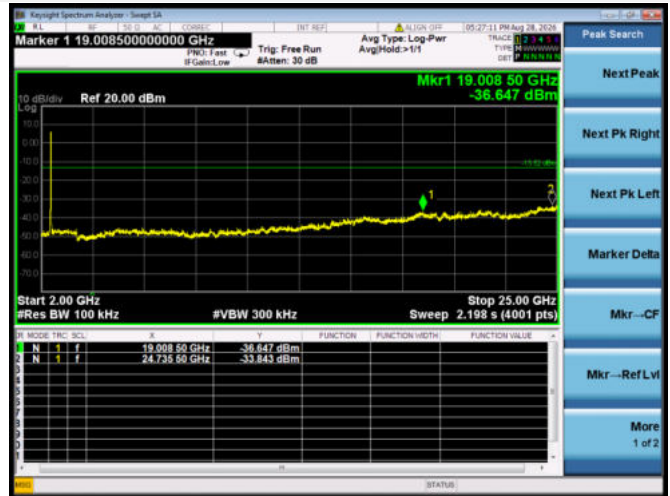
802.11n-20 MHz CH6 CARRIER LEVEL



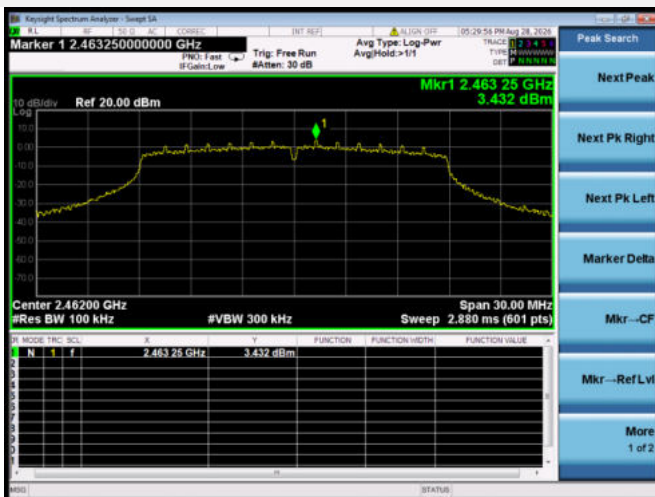
802.11n-20 MHz CH6, SPURIOUS 30 MHz ~ 3 GHz



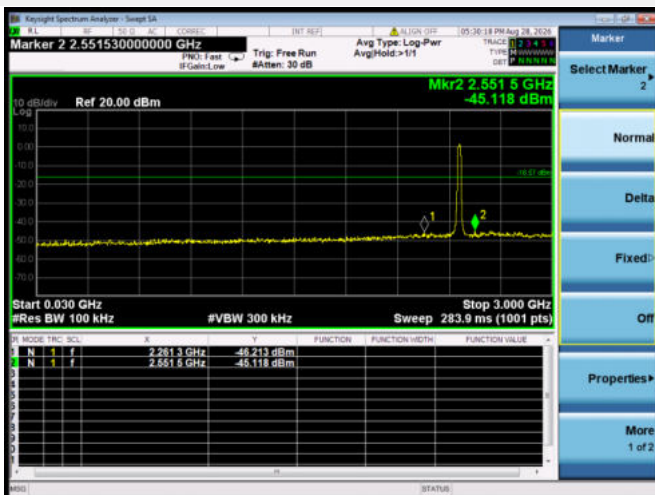
802.11n-20 MHz CH6, SPURIOUS 2 GHz ~ 25 GHz



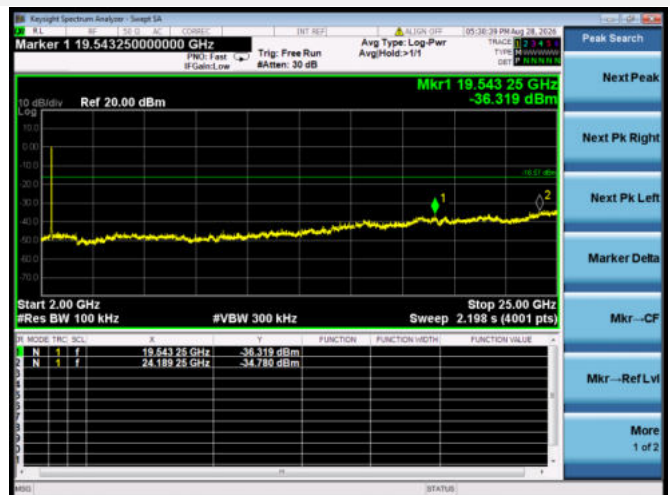
802.11n-20 MHz CH11 CARRIER LEVEL



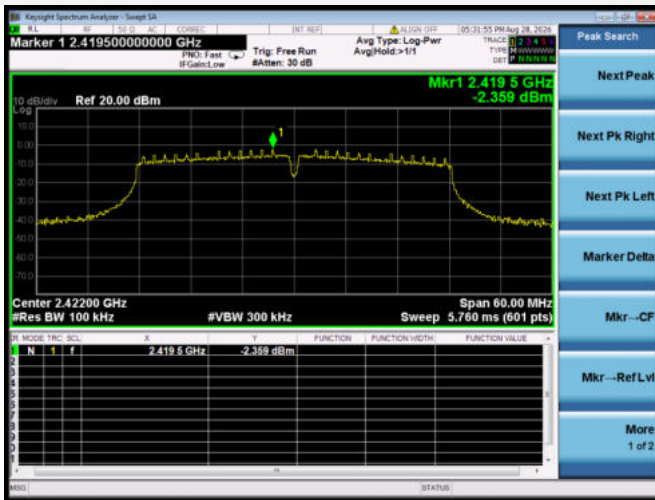
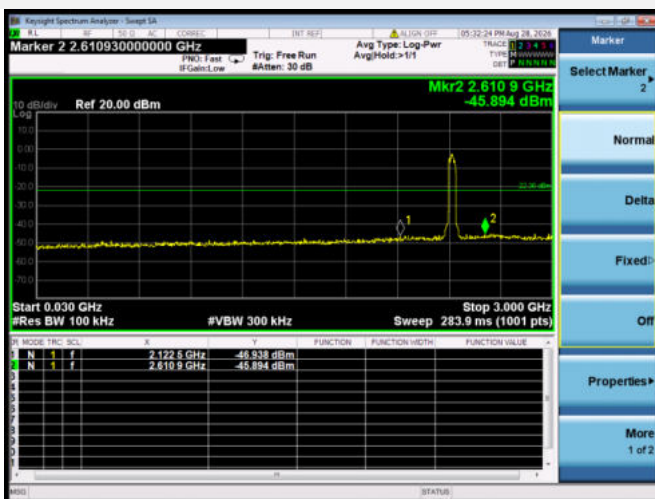
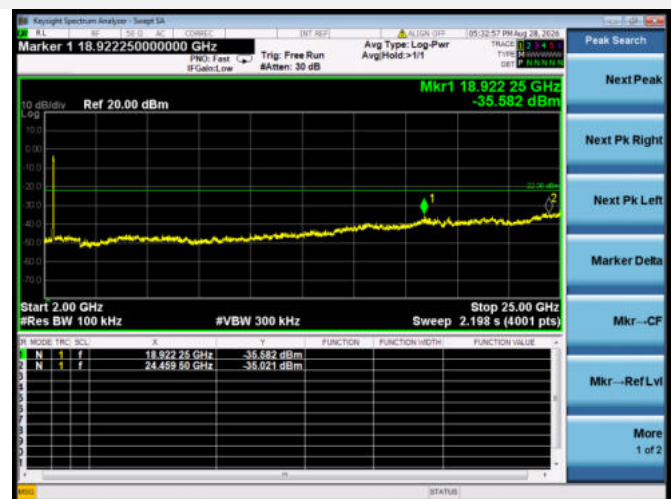
802.11n-20 MHz CH11, SPURIOUS 30 MHz ~ 3 GHz



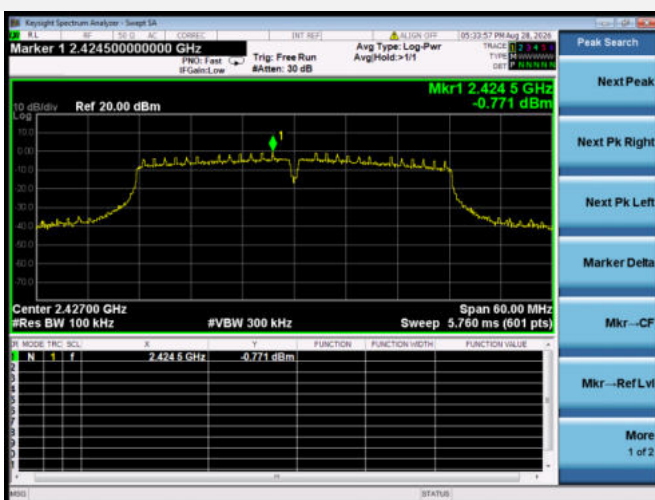
802.11n-20 MHz CH11, SPURIOUS 2 GHz ~ 25 GHz



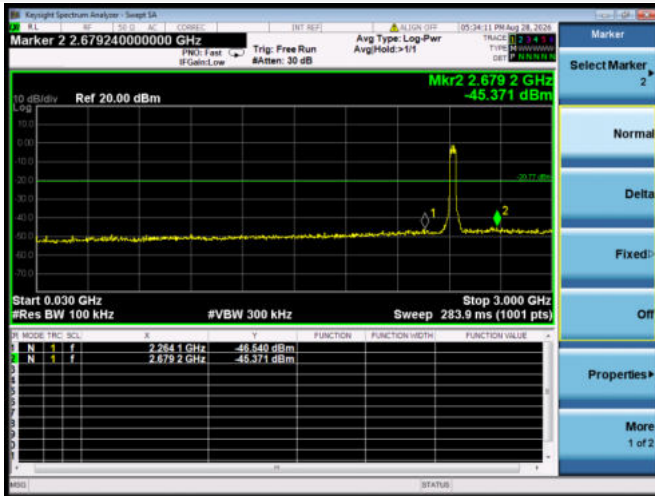
802.11n-40 MHz CH3 CARRIER LEVEL

802.11n-40 MHz CH3, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz CH3, SPURIOUS
2 GHz ~ 25 GHz

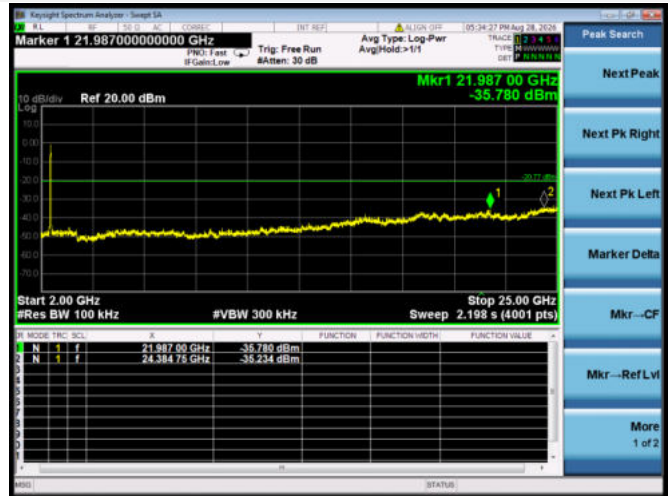
802.11n-40 MHz CH4 CARRIER LEVEL



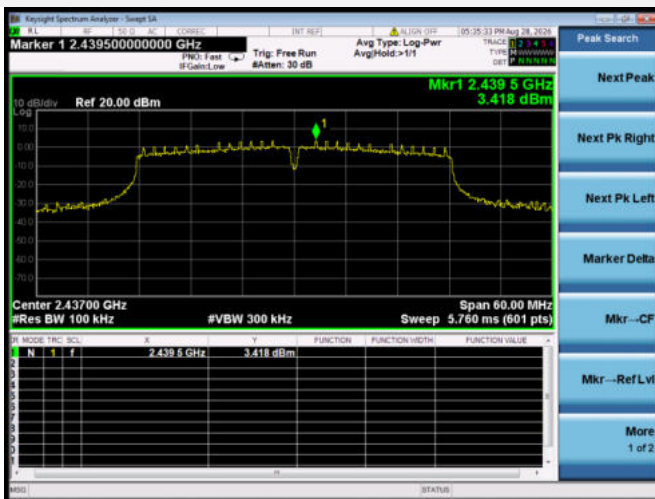
802.11n-40 MHz CH4, SPURIOUS 30 MHz ~ 3 GHz



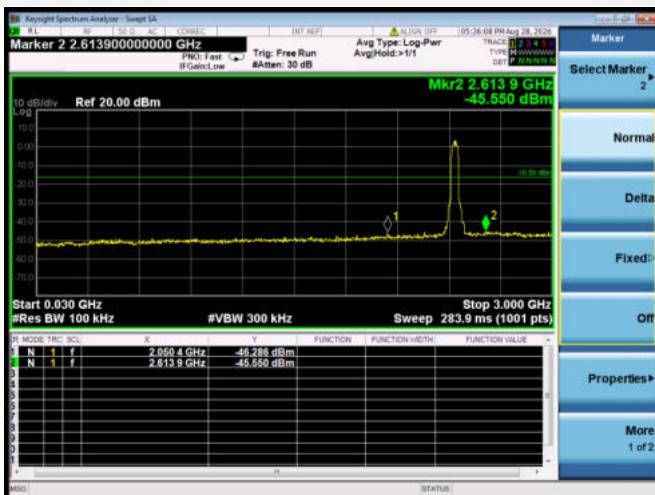
802.11n-40 MHz CH4, SPURIOUS 2 GHz ~ 25 GHz



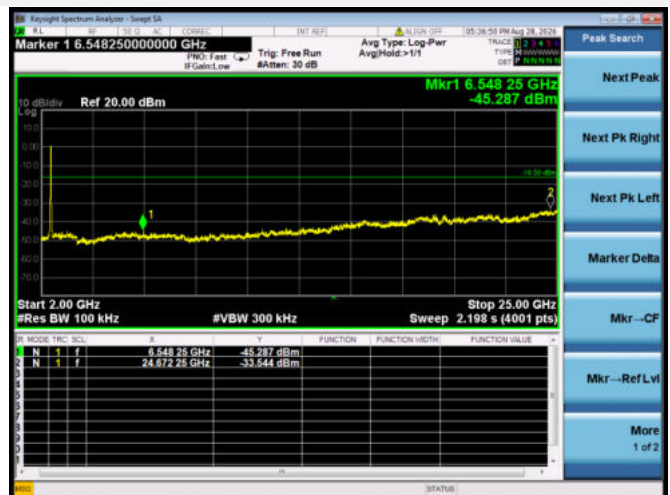
802.11n-40 MHz CH6 CARRIER LEVEL



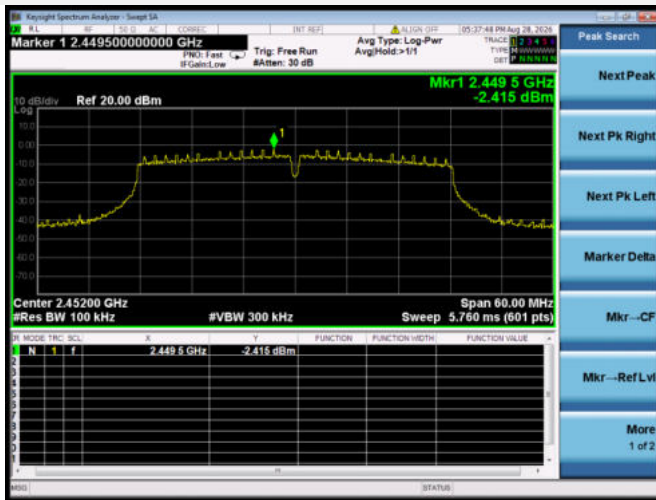
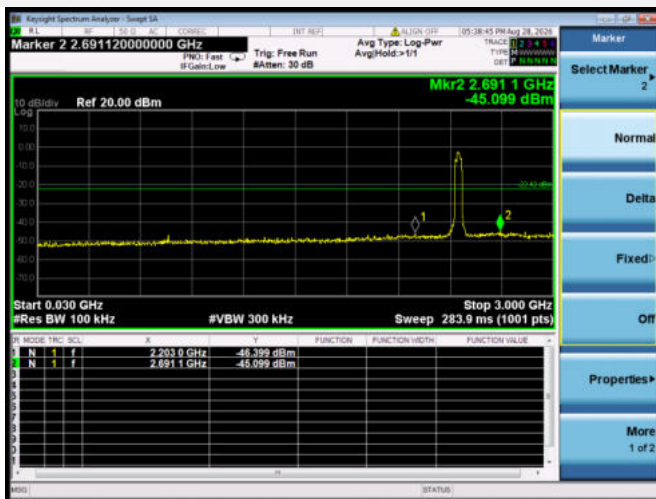
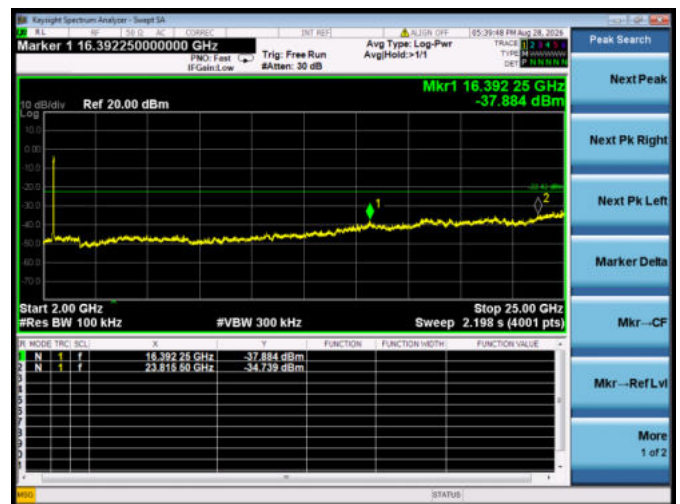
802.11n-40 MHz CH6, SPURIOUS 30 MHz ~ 3 GHz



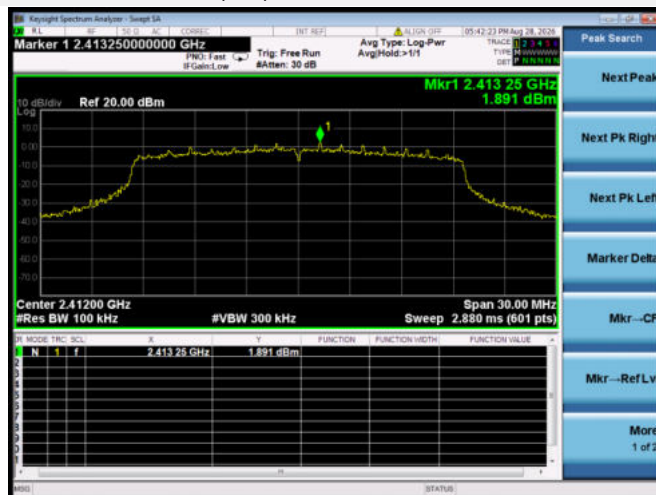
802.11n-40 MHz CH6, SPURIOUS 2 GHz ~ 25 GHz



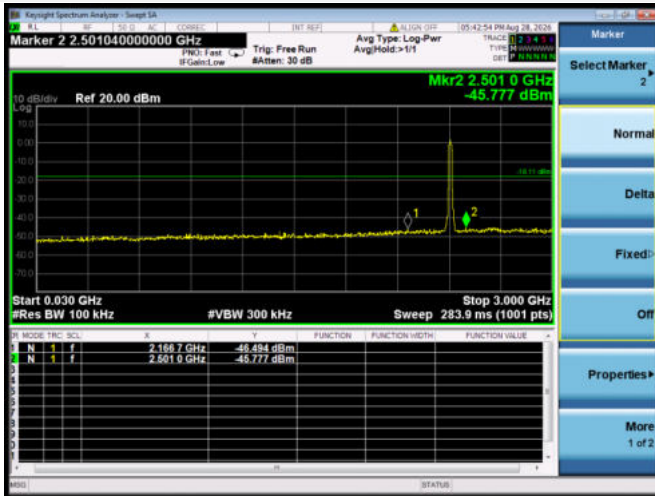
802.11n-40 MHz CH9 CARRIER LEVEL

802.11n-40 MHz CH9, SPURIOUS
30 MHz ~ 3 GHz802.11n-40 MHz CH9, SPURIOUS
2 GHz ~ 25 GHz

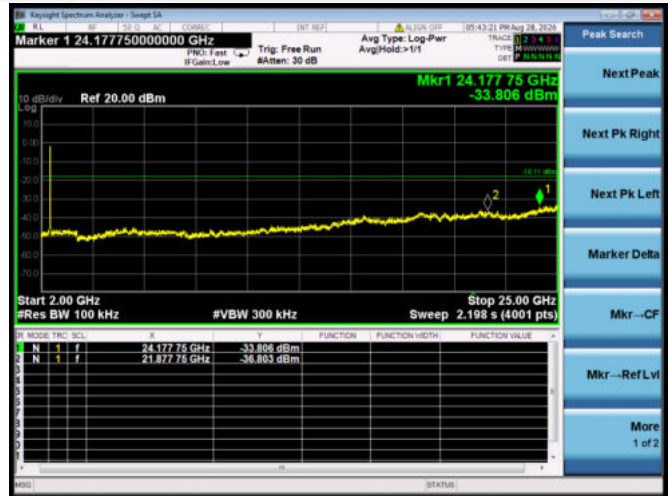
802.11ax-20 MHz(SU) CH1 CARRIER LEVEL



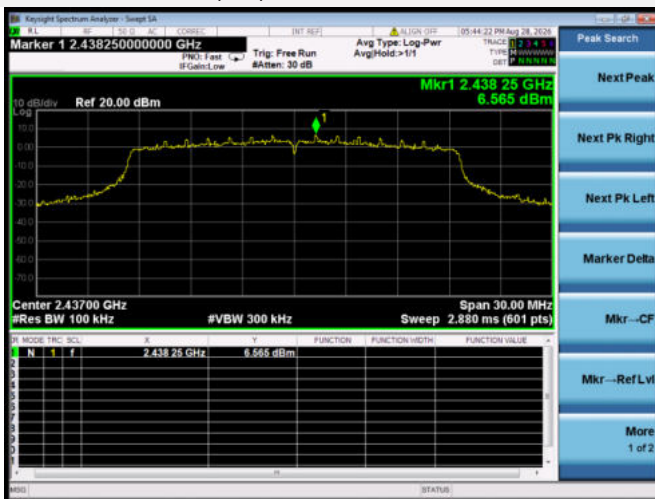
802.11ax-20 MHz(SU) CH1, SPURIOUS 30 MHz ~ 3 GHz



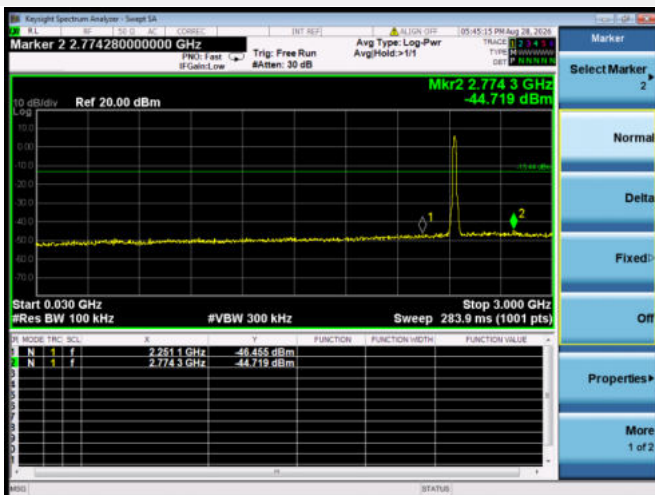
802.11ax-20 MHz(SU) CH1, SPURIOUS 2 GHz ~ 25 GHz



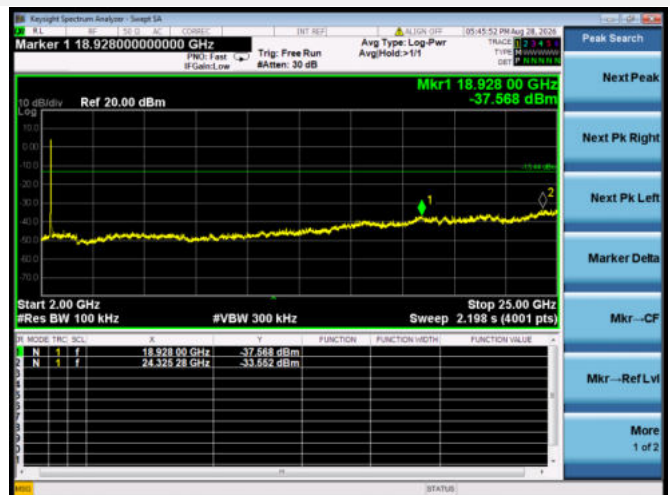
802.11ax-20 MHz(SU) CH6 CARRIER LEVEL



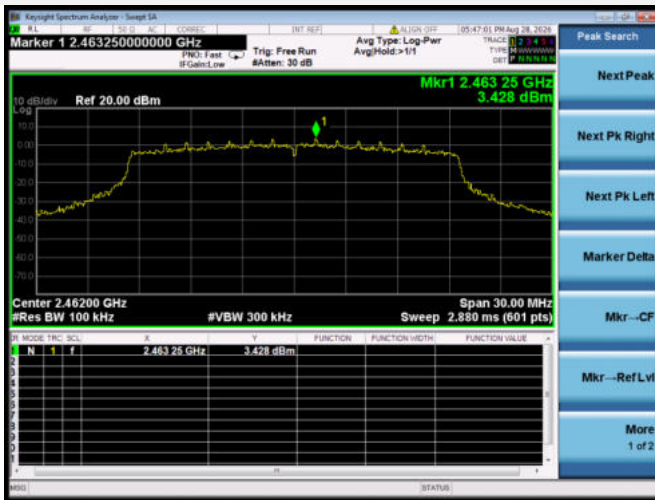
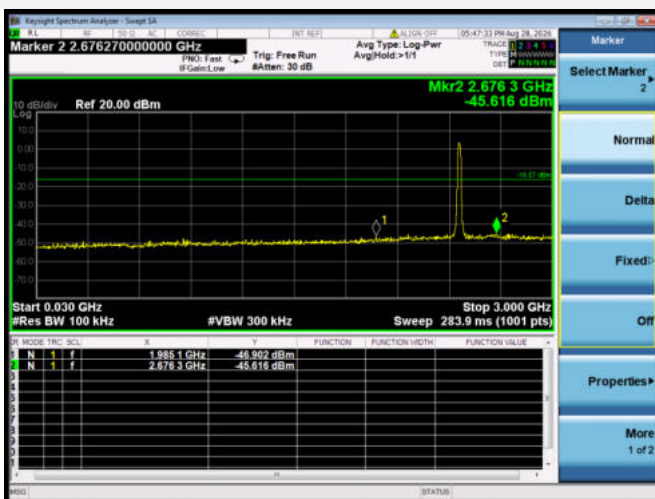
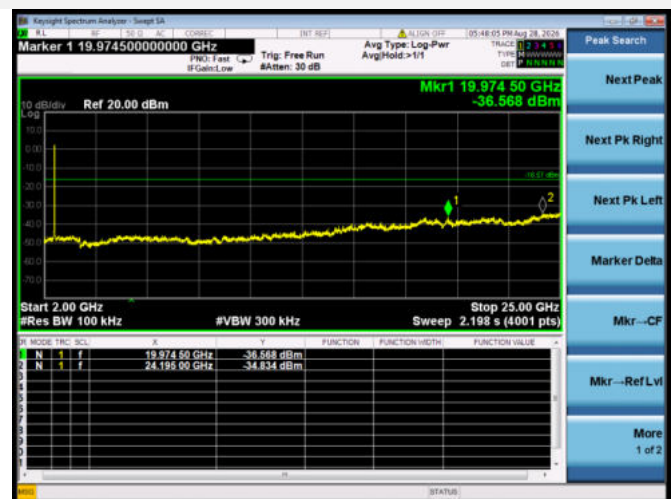
802.11ax-20 MHz(SU) CH6, SPURIOUS 30 MHz ~ 3 GHz



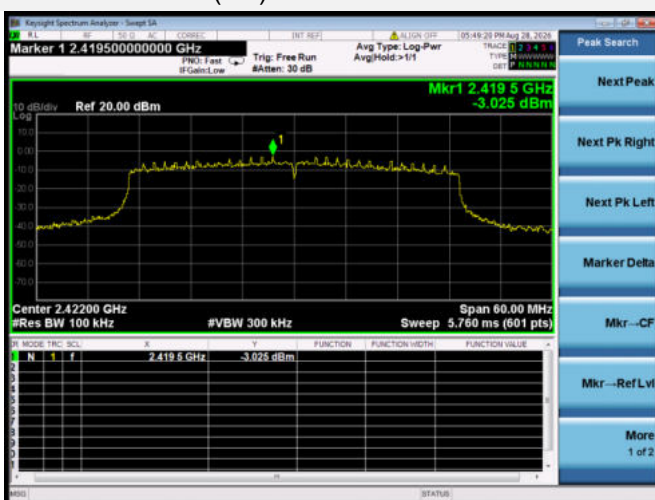
802.11ax-20 MHz(SU) CH6, SPURIOUS 2 GHz ~ 25 GHz



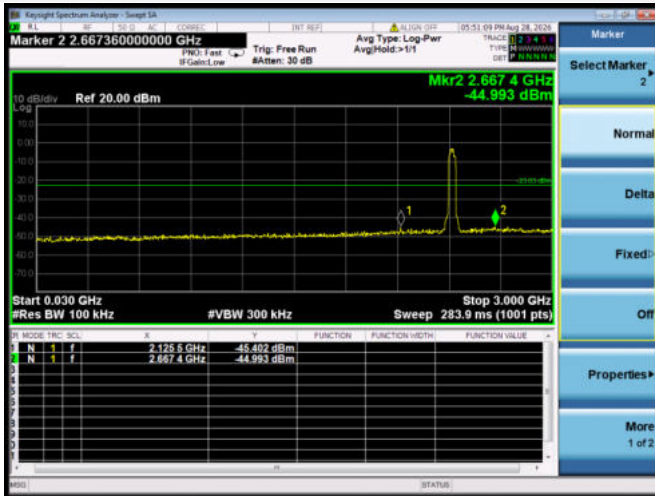
802.11ax-20 MHz(SU) CH11 CARRIER LEVEL

802.11ax-20 MHz(SU) CH11, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) CH11, SPURIOUS
2 GHz ~ 25 GHz

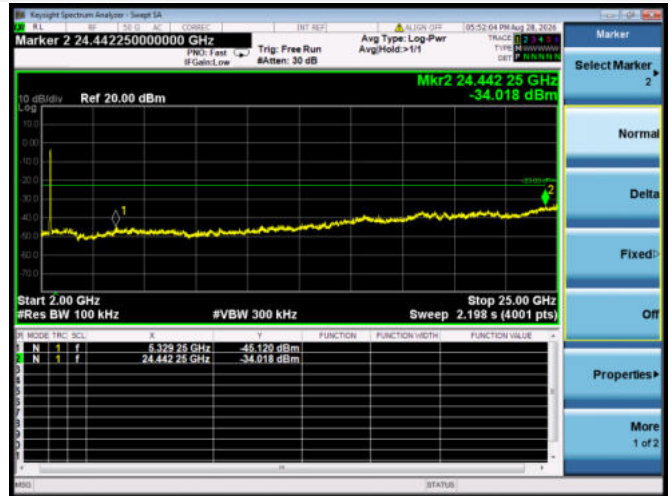
802.11ax-40 MHz(SU) CH3 CARRIER LEVEL



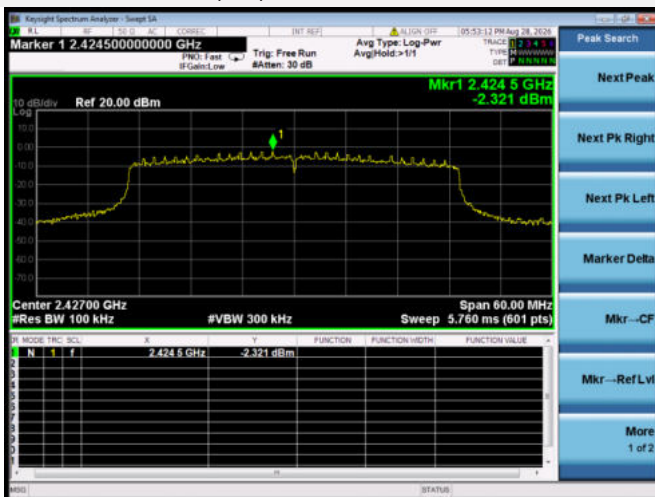
802.11ax-40 MHz(SU) CH3, SPURIOUS 30 MHz ~ 3 GHz



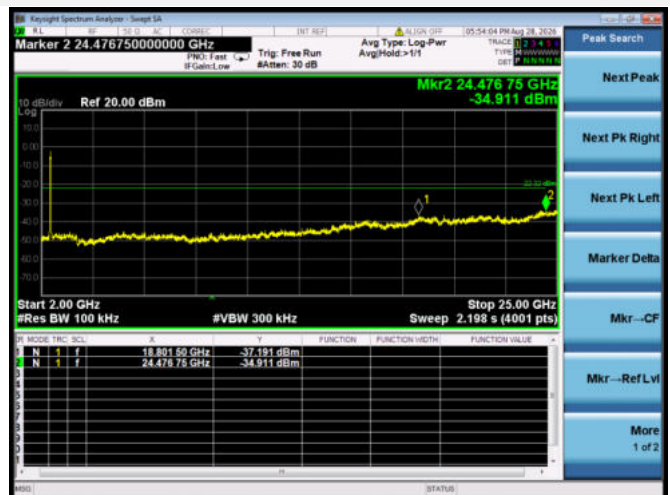
802.11ax-40 MHz(SU) CH3, SPURIOUS 2 GHz ~ 25 GHz



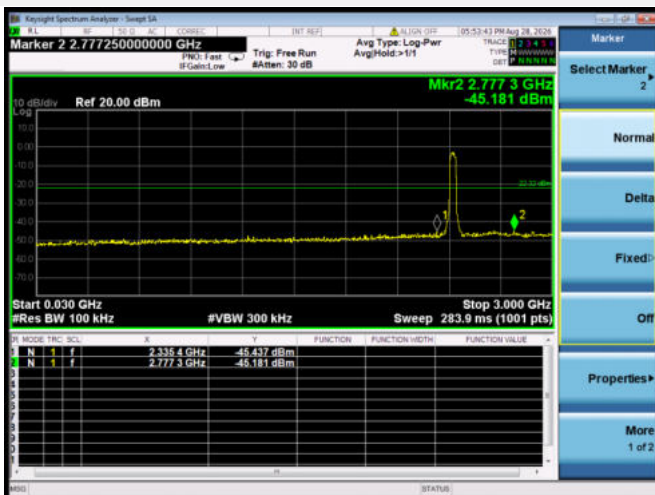
802.11ax-40 MHz(SU) CH4 CARRIER LEVEL



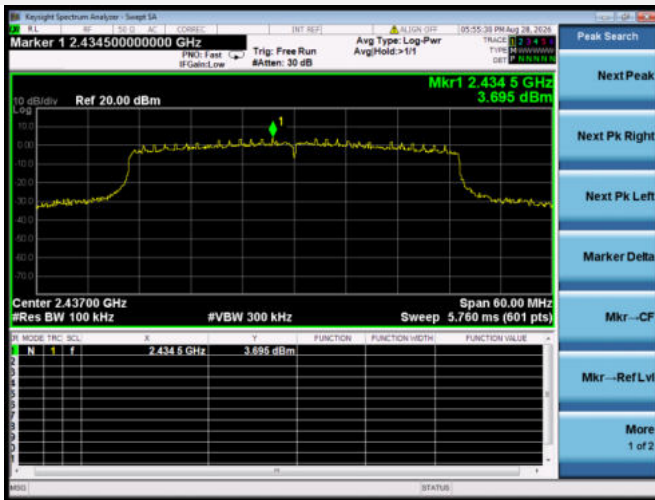
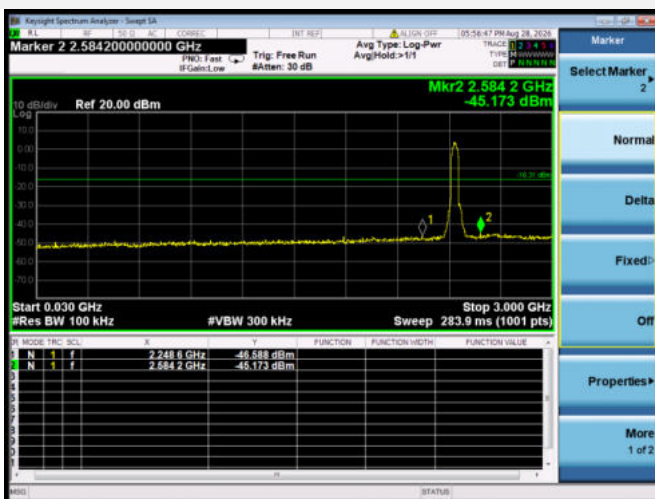
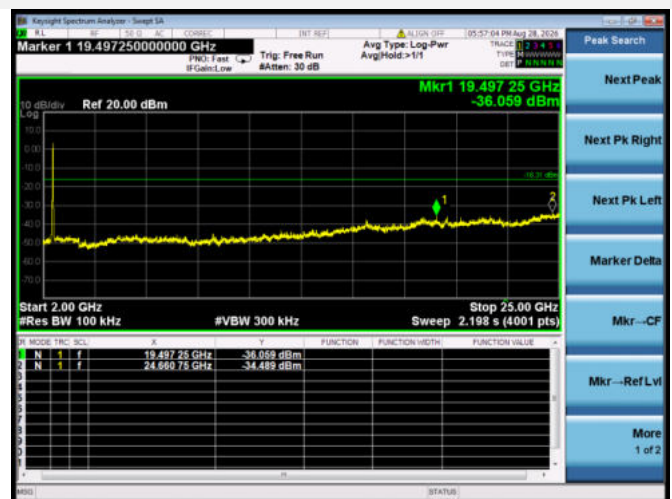
802.11ax-40 MHz(SU) CH4, SPURIOUS 2 GHz ~ 25 GHz



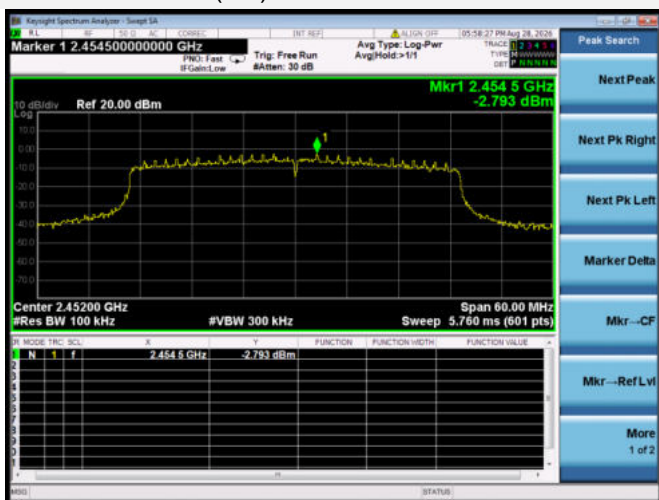
802.11ax-40 MHz(SU) CH4, SPURIOUS 30 MHz ~ 3 GHz



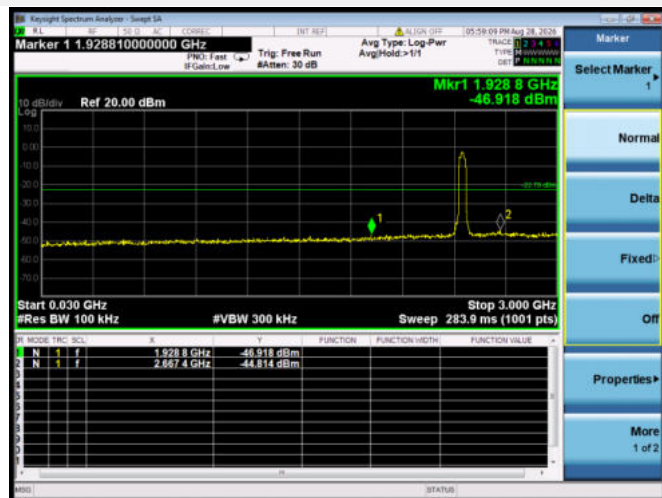
802.11ax-40 MHz(SU) CH6 CARRIER LEVEL

802.11ax-40 MHz(SU) CH6, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz(SU) CH6, SPURIOUS
2 GHz ~ 25 GHz

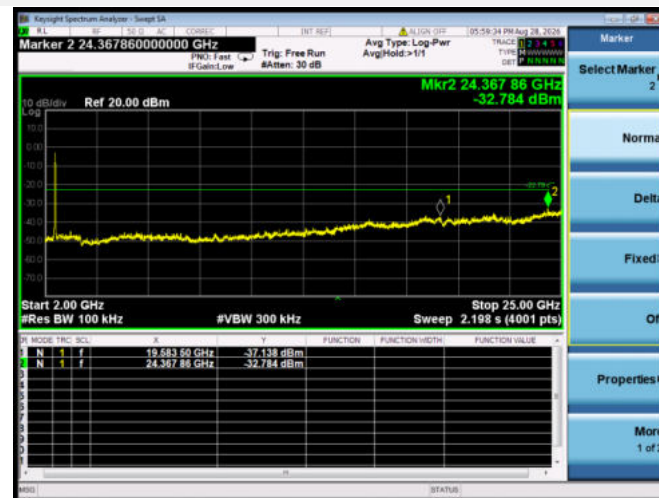
802.11ax-40 MHz(SU) CH9 CARRIER LEVEL



802.11ax-40 MHz(SU) CH9, SPURIOUS
30 MHz ~ 3 GHz



802.11ax-40 MHz(SU) CH9, SPURIOUS
2 GHz ~ 25 GHz



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

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

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

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

Test Data

ANT0

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-42.08	3.97	-16.03	Pass
CH11	-44.94	10.52	-9.48	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-29.13	4.73	-15.27	Pass
CH11	-39.39	5.73	-14.27	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-26.46	4.69	-15.32	Pass
CH11	-38.82	4.88	-15.12	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-33.57	-0.65	-20.65	Pass
CH4	-33.72	0.21	-19.79	Pass
CH9	-36.98	-0.88	-20.88	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-29.22	3.03	-16.97	Pass
CH11	-39.35	4.89	-15.11	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-34.03	-2.65	-22.65	Pass
CH4	-37.89	-1.73	-21.73	Pass
CH9	-41.45	-1.72	-21.72	Pass

ANT1**802.11b Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-40.89	7.73	-12.28	Pass
CH11	-46.42	9.63	-10.37	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-28.40	3.81	-16.19	Pass
CH11	-37.99	5.84	-14.16	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-26.57	3.77	-16.23	Pass
CH11	-42.35	3.43	-16.57	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-36.02	-2.36	-22.36	Pass
CH4	-36.78	-0.77	-20.77	Pass
CH9	-42.18	-2.42	-22.42	Pass

802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-30.34	1.89	-18.11	Pass
CH11	-40.61	3.43	-16.57	Pass

802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-34.41	-3.03	-23.03	Pass
CH4	-37.57	-2.32	-22.32	Pass
CH9	-41.82	-2.79	-22.79	Pass