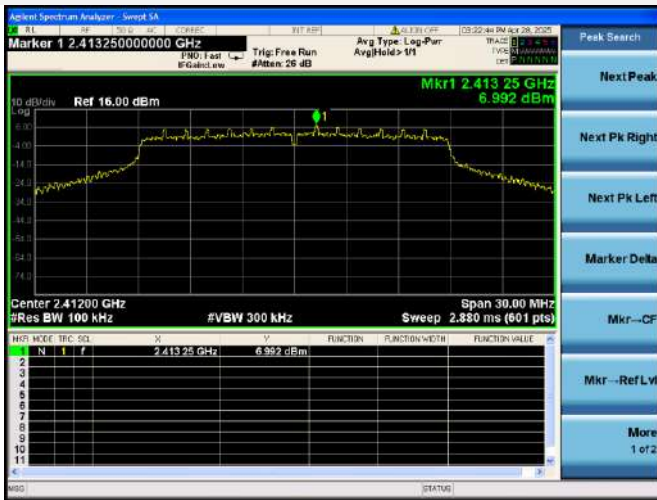
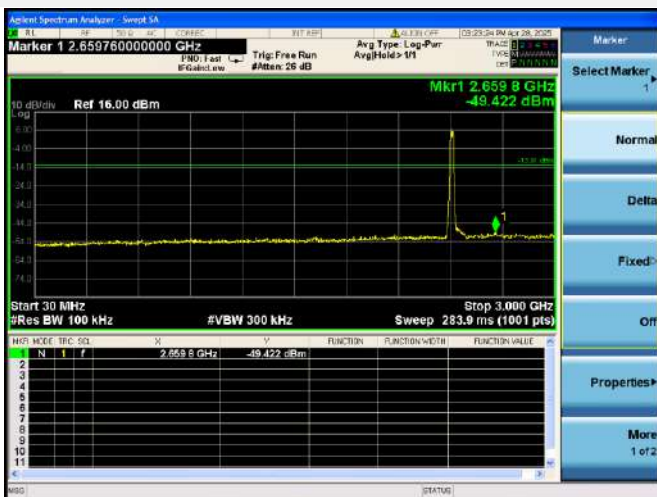


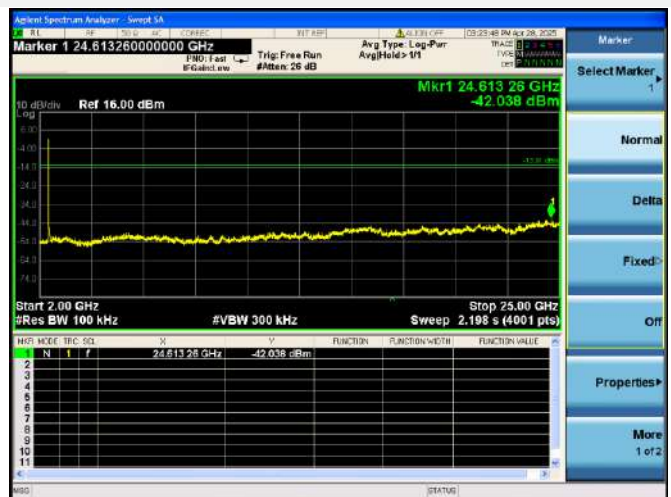
802.11n-20 MHz CHANNEL 1 CARRIER LEVEL



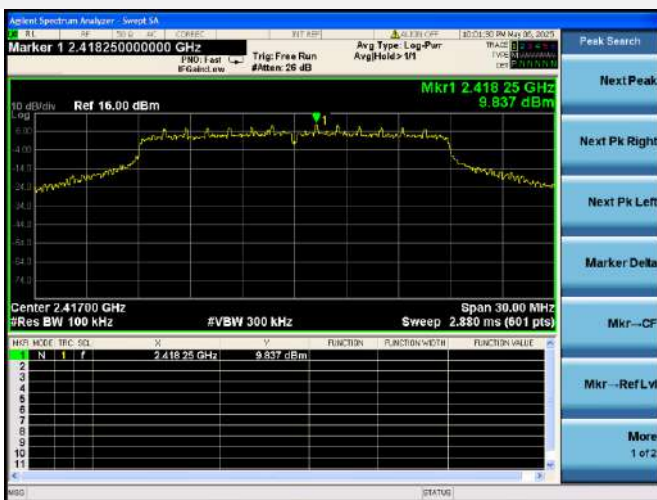
802.11n-20 MHz CHANNEL 1, SPURIOUS  
30 MHz ~ 3 GHz



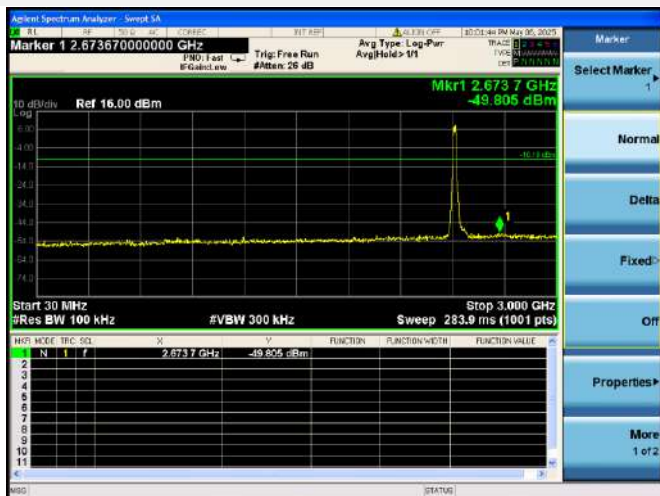
802.11n-20 MHz CHANNEL 1, SPURIOUS  
2 GHz ~ 25 GHz



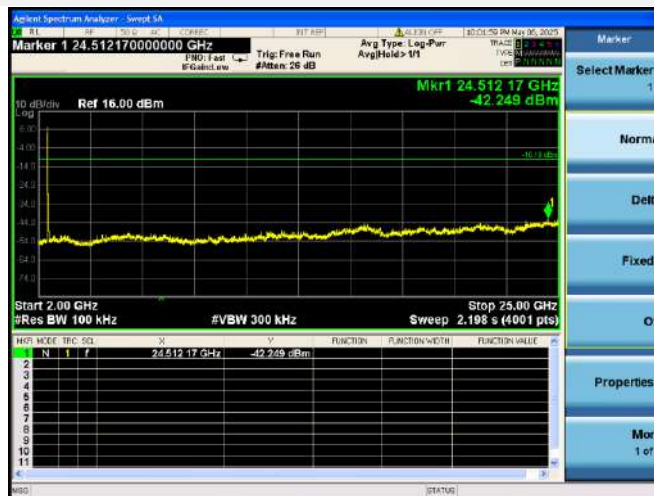
802.11n-20 MHz CHANNEL 2 CARRIER LEVEL



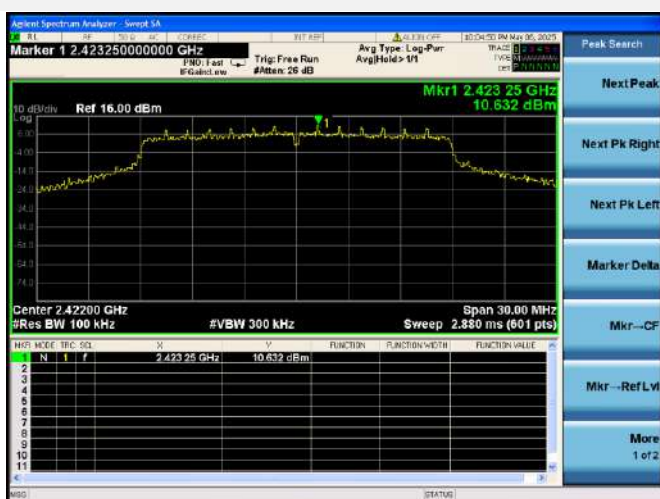
802.11n-20 MHz CHANNEL 2, SPURIOUS  
30 MHz ~ 3 GHz



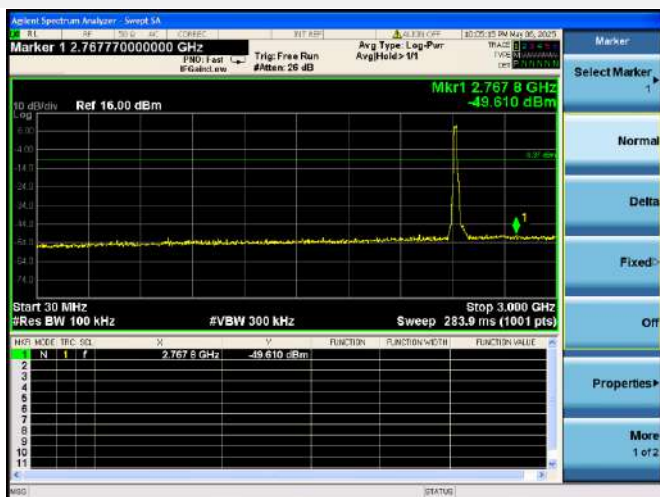
802.11n-20 MHz CHANNEL 2, SPURIOUS  
2 GHz ~ 25 GHz



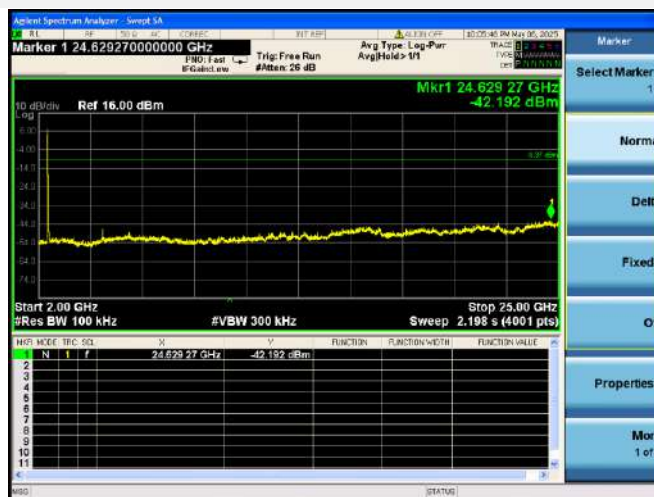
802.11n-20 MHz CHANNEL 3 CARRIER LEVEL



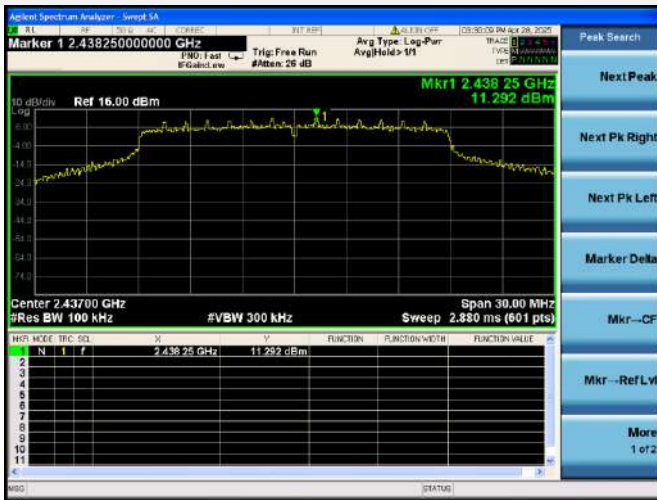
802.11n-20 MHz CHANNEL 3, SPURIOUS  
30 MHz ~ 3 GHz



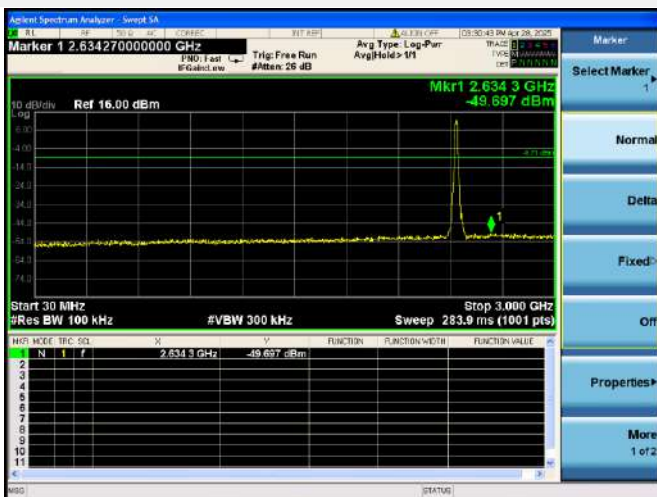
802.11n-20 MHz CHANNEL 3, SPURIOUS  
2 GHz ~ 25 GHz



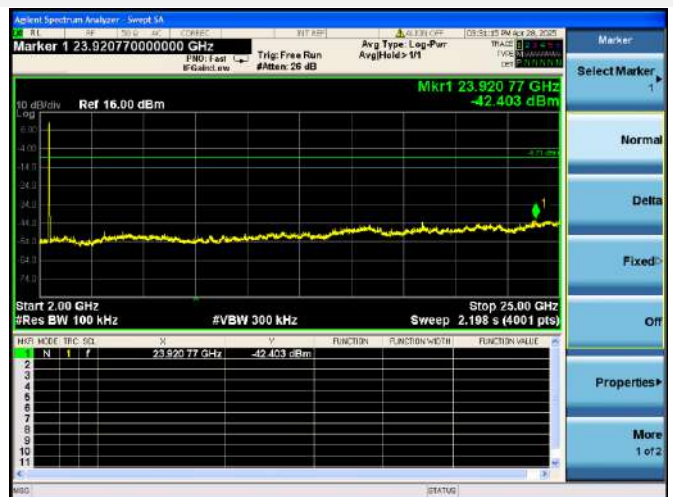
802.11n-20 MHz CHANNEL 6 CARRIER LEVEL



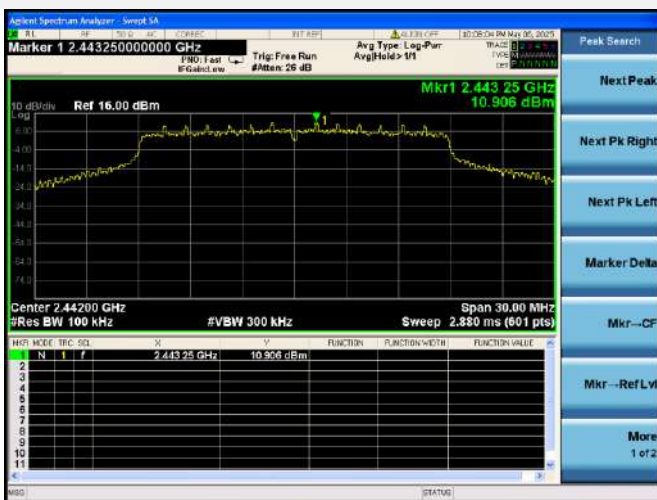
802.11n-20 MHz CHANNEL 6, SPURIOUS  
30 MHz ~ 3 GHz



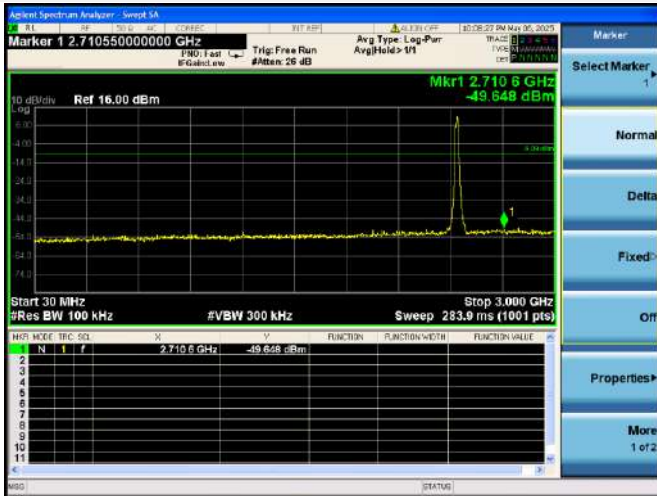
802.11n-20 MHz CHANNEL 6, SPURIOUS  
2 GHz ~ 25 GHz



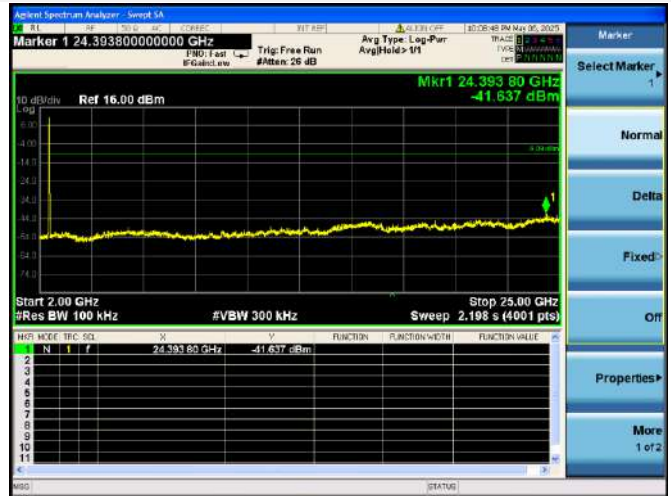
802.11n-20 MHz CHANNEL 7 CARRIER LEVEL



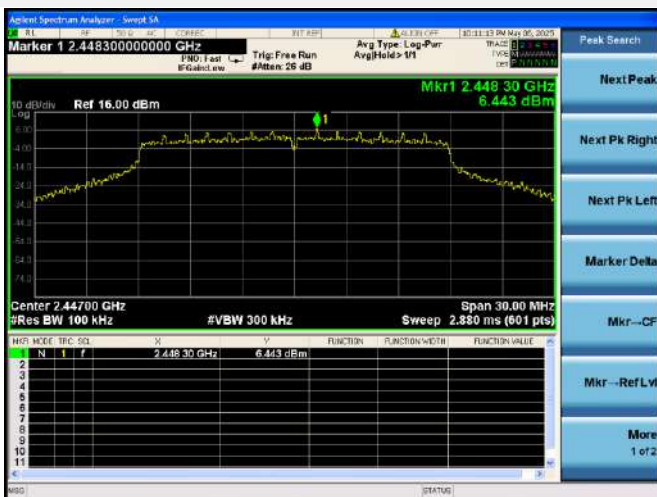
802.11n-20 MHz CHANNEL 7, SPURIOUS  
30 MHz ~ 3 GHz



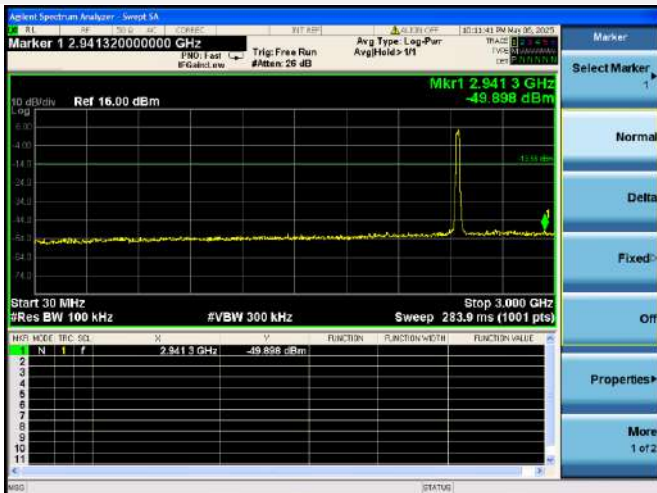
802.11n-20 MHz CHANNEL 7, SPURIOUS  
2 GHz ~ 25 GHz



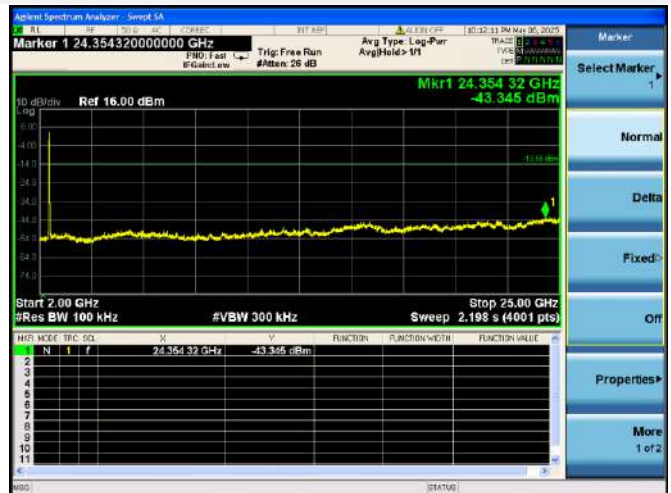
802.11n-20 MHz CHANNEL 8 CARRIER LEVEL



802.11n-20 MHz CHANNEL 8, SPURIOUS  
30 MHz ~ 3 GHz



802.11n-20 MHz CHANNEL 8, SPURIOUS  
2 GHz ~ 25 GHz

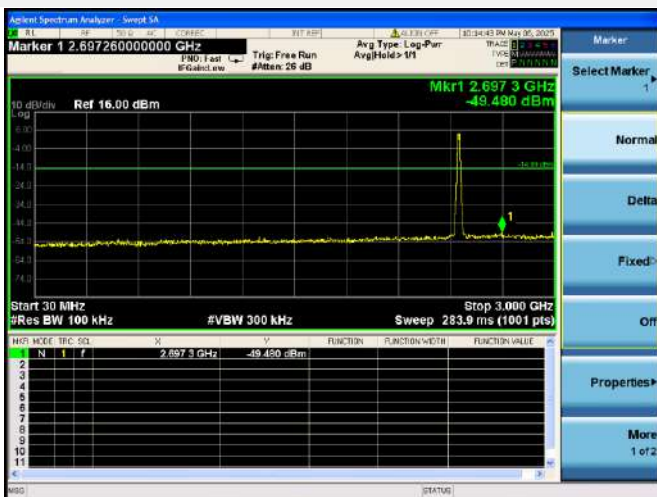




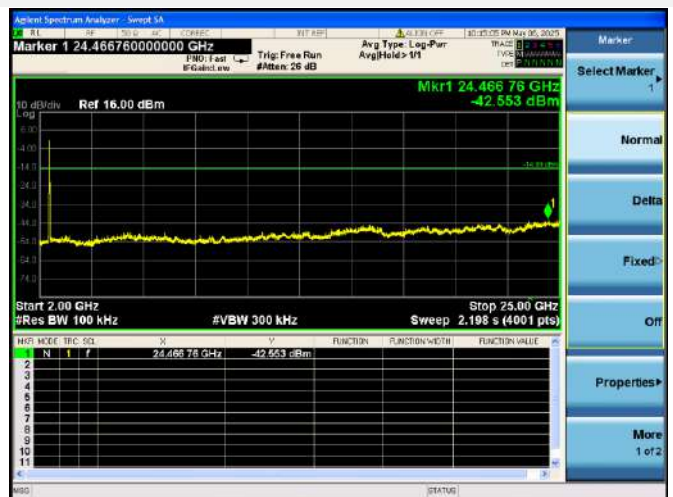
802.11n-20 MHz CHANNEL 9 CARRIER LEVEL



802.11n-20 MHz CHANNEL 9, SPURIOUS  
30 MHz ~ 3 GHz



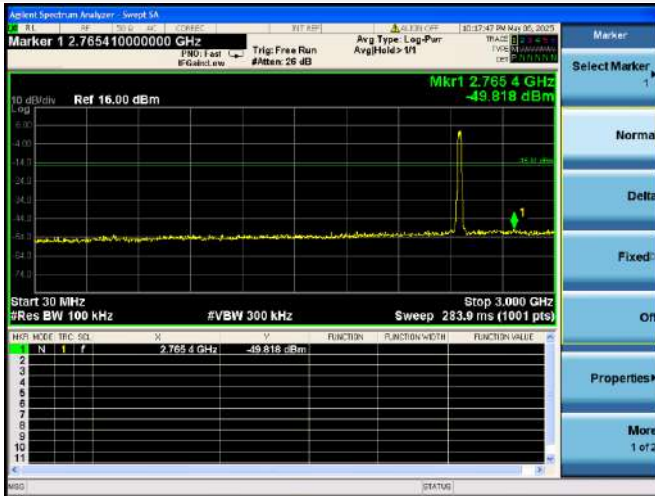
802.11n-20 MHz CHANNEL 9, SPURIOUS  
2 GHz ~ 25 GHz



802.11n-20 MHz CHANNEL 10 CARRIER LEVEL



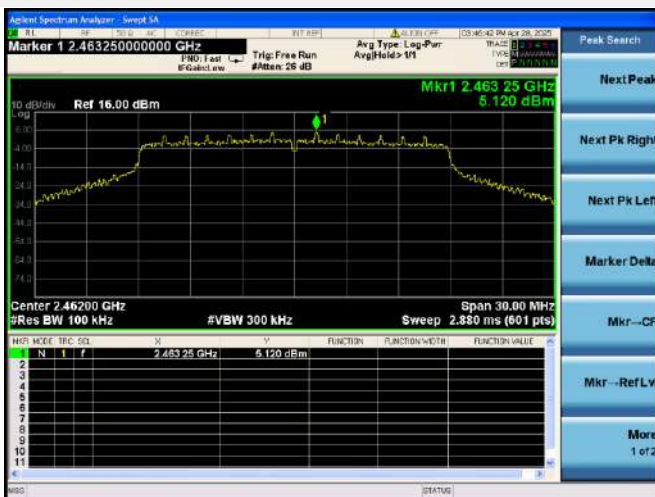
802.11n-20 MHz CHANNEL 10, SPURIOUS  
30 MHz ~ 3 GHz



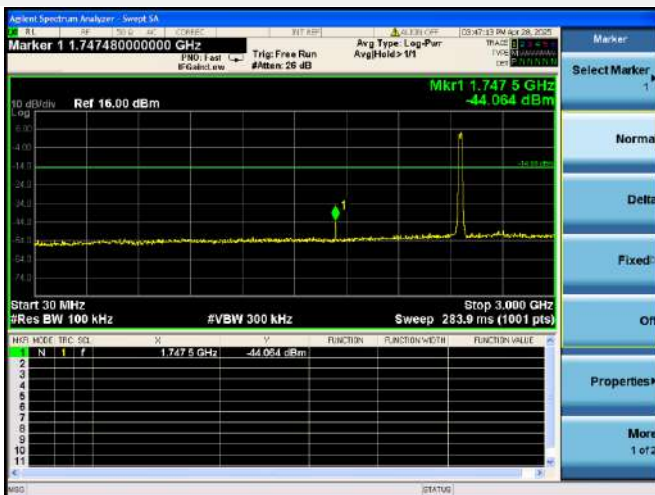
802.11n-20 MHz CHANNEL 10, SPURIOUS  
2 GHz ~ 25 GHz



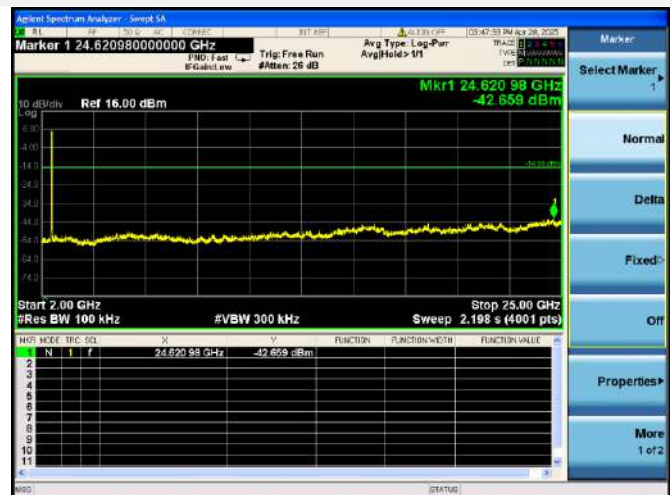
802.11n-20 MHz CHANNEL 11 CARRIER LEVEL



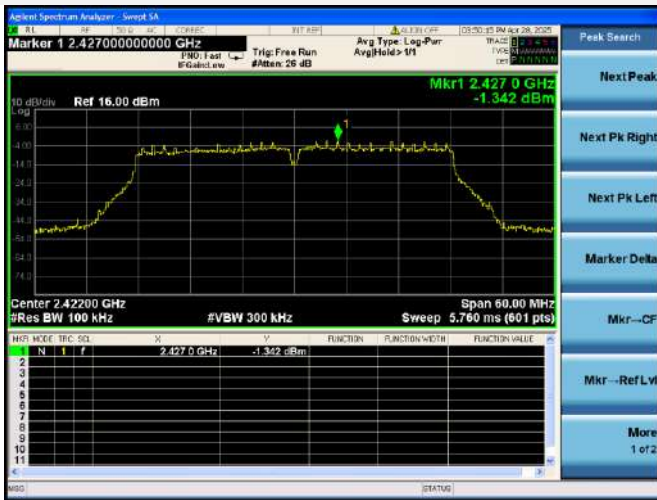
802.11n-20 MHz CHANNEL 11, SPURIOUS  
30 MHz ~ 3 GHz



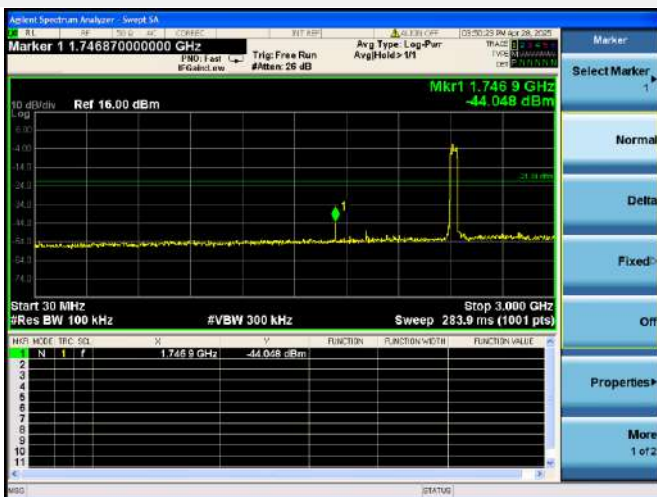
802.11n-20 MHz CHANNEL 11, SPURIOUS  
2 GHz ~ 25 GHz



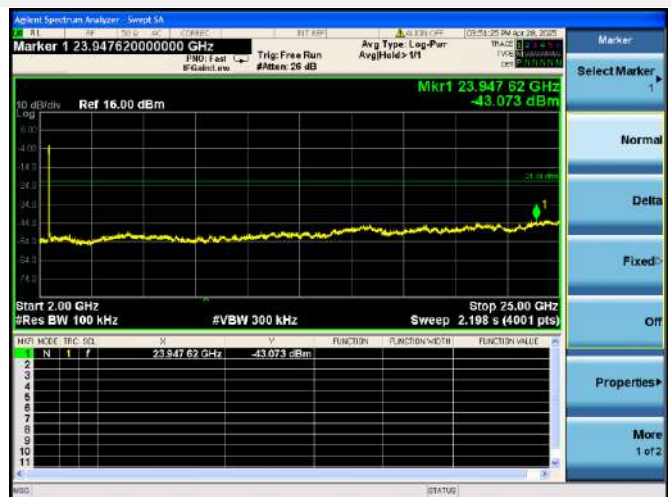
802.11n-40 MHz CHANNEL 3 CARRIER LEVEL



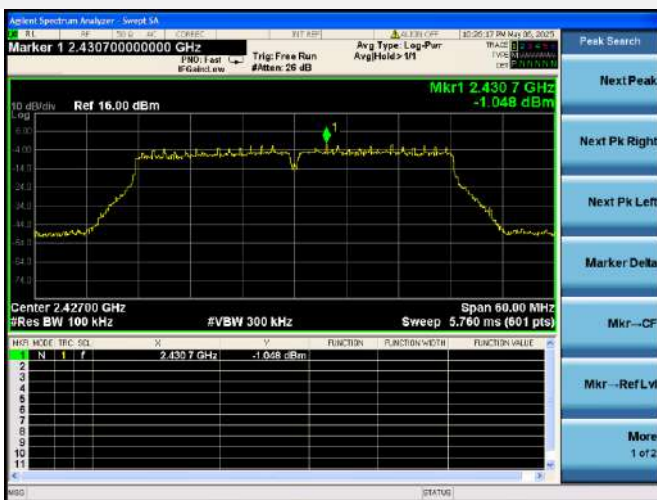
802.11n-40 MHz CHANNEL 3, SPURIOUS  
30 MHz ~ 3 GHz



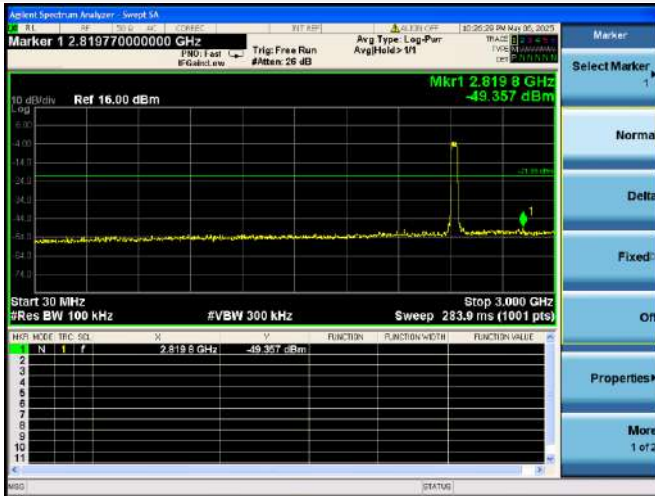
802.11n-40 MHz CHANNEL 3, SPURIOUS  
2 GHz ~ 25 GHz



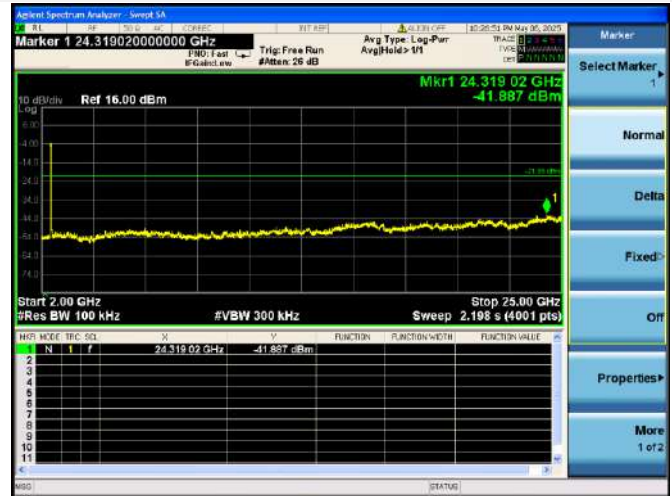
802.11n-40 MHz CHANNEL 4 CARRIER LEVEL



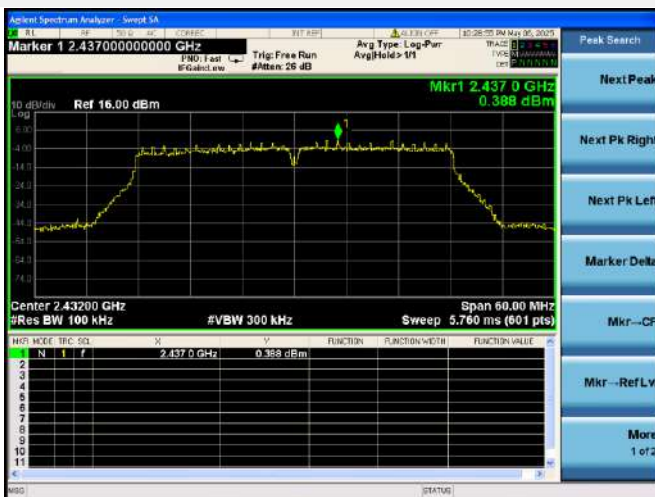
802.11n-40 MHz CHANNEL 4, SPURIOUS  
30 MHz ~ 3 GHz



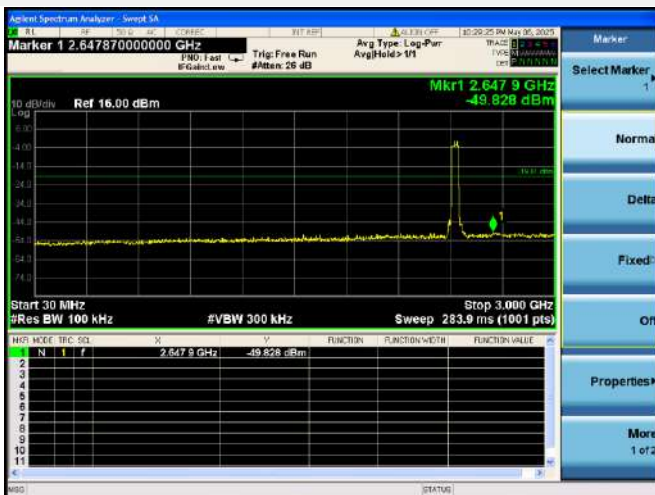
802.11n-40 MHz CHANNEL 4, SPURIOUS  
2 GHz ~ 25 GHz



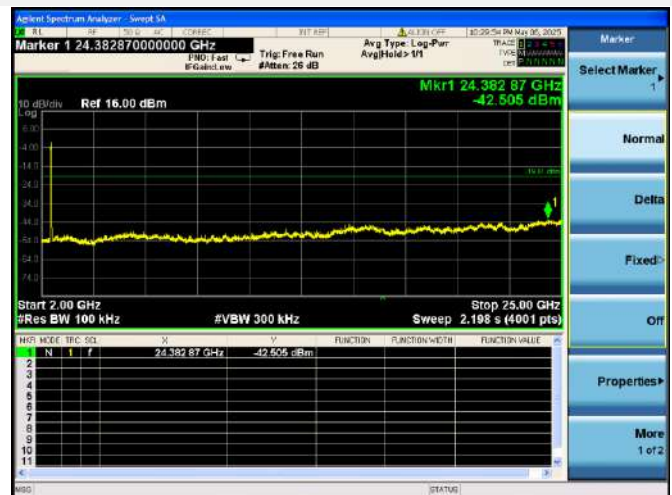
802.11n-40 MHz CHANNEL 5 CARRIER LEVEL



802.11n-40 MHz CHANNEL 5, SPURIOUS  
30 MHz ~ 3 GHz



802.11n-40 MHz CHANNEL 5, SPURIOUS  
2 GHz ~ 25 GHz

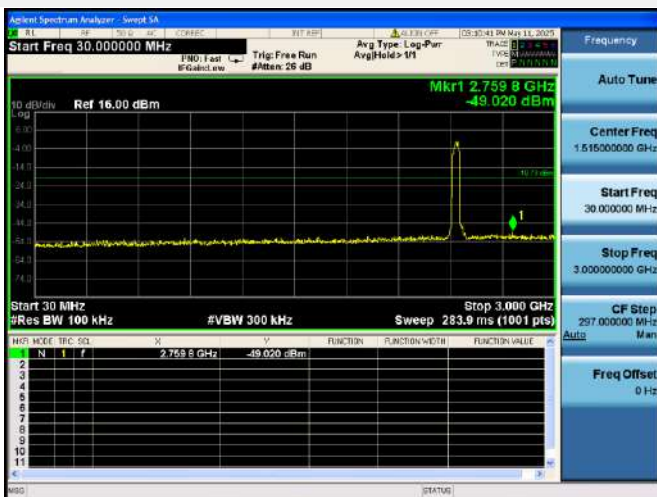




802.11n-40 MHz CHANNEL 6 CARRIER LEVEL



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



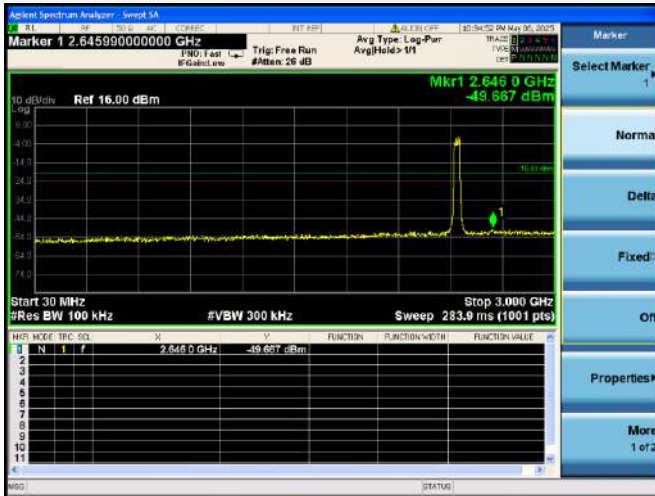
802.11n-40 MHz CHANNEL 6, SPURIOUS  
2 GHz ~ 25 GHz



802.11n-40 MHz CHANNEL 7 CARRIER LEVEL



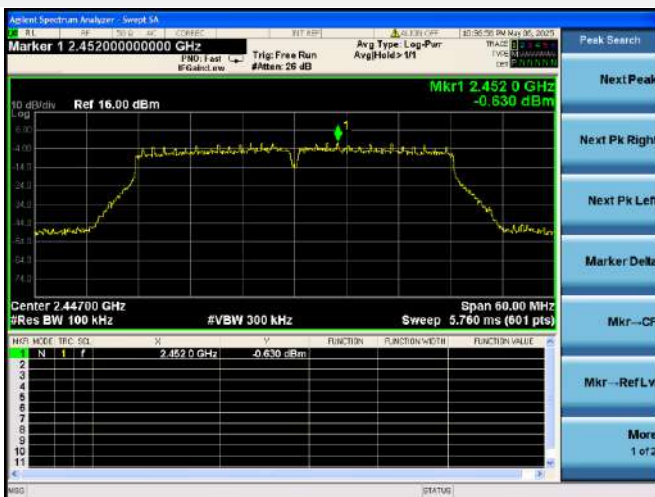
802.11n-40 MHz CHANNEL 7, SPURIOUS  
30 MHz ~ 3 GHz



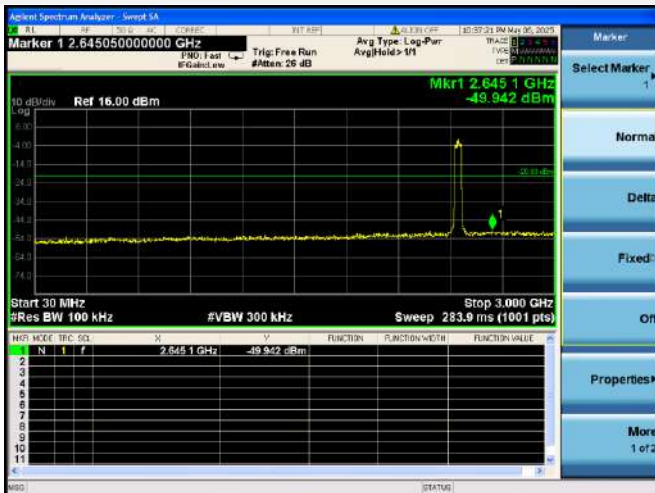
802.11n-40 MHz CHANNEL 7, SPURIOUS  
2 GHz ~ 25 GHz



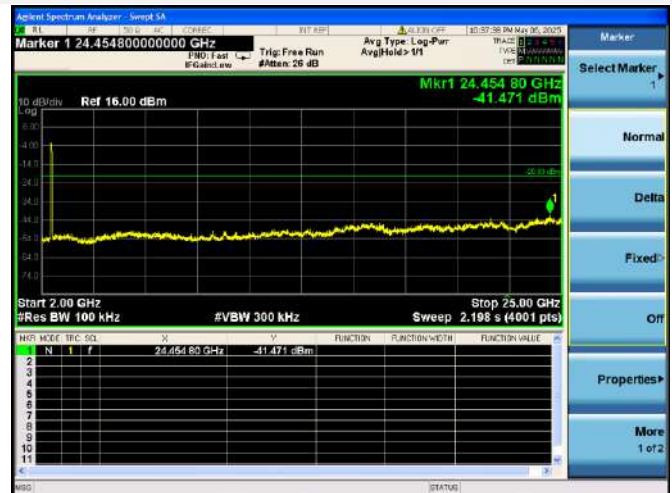
802.11n-40 MHz CHANNEL 8 CARRIER LEVEL



802.11n-40 MHz CHANNEL 8, SPURIOUS  
30 MHz ~ 3 GHz



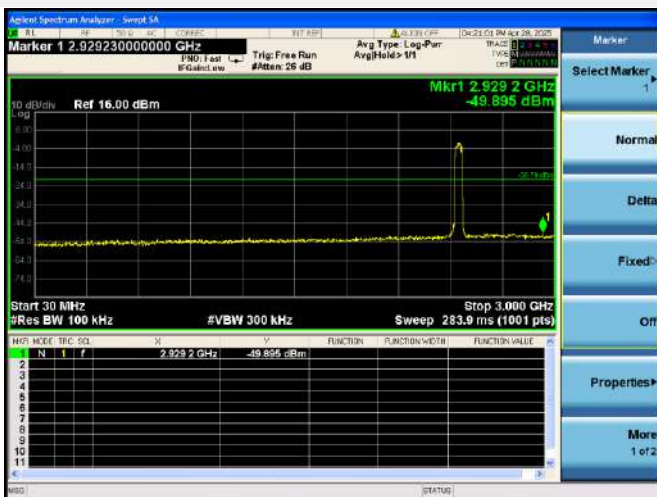
802.11n-40 MHz CHANNEL 8, SPURIOUS  
2 GHz ~ 25 GHz



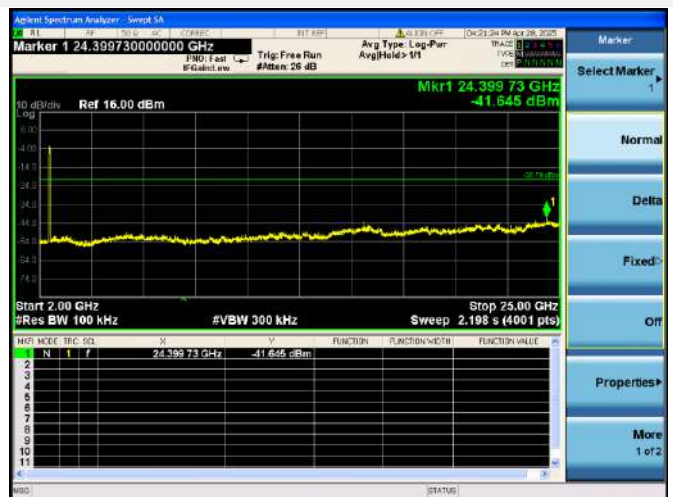
802.11n-40 MHz CHANNEL 9 CARRIER LEVEL



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



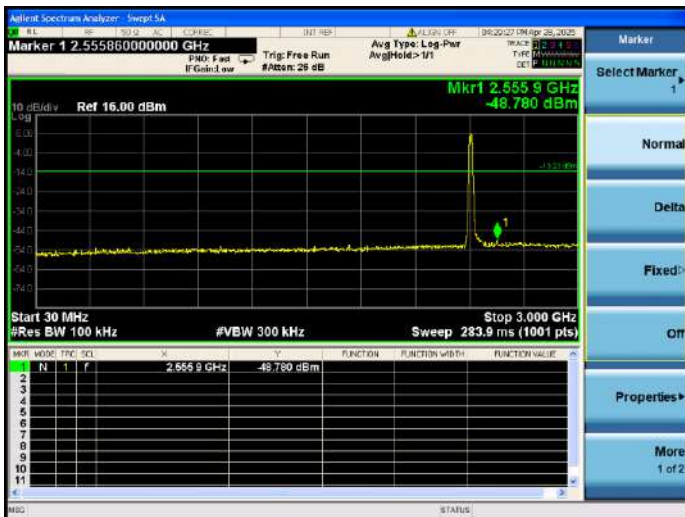
802.11n-40 MHz CHANNEL 9, SPURIOUS  
2 GHz ~ 25 GHz



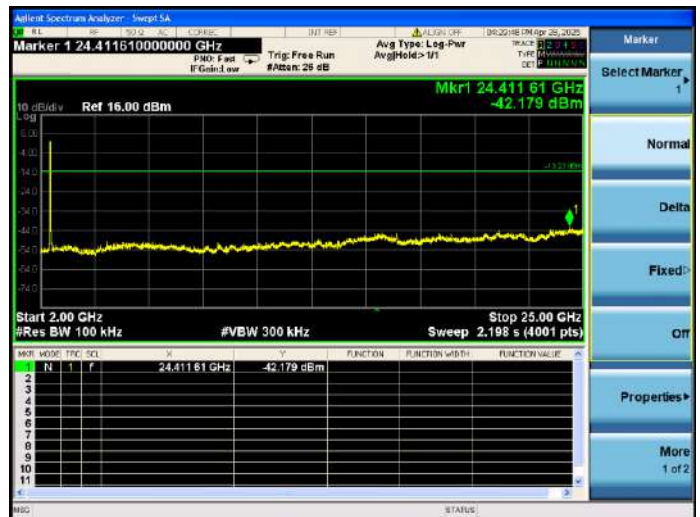
VHT20 MHz CHANNEL 1 CARRIER LEVEL



VHT20 MHz CHANNEL 1, SPURIOUS  
30 MHz ~ 3 GHz



VHT20 MHz CHANNEL 1, SPURIOUS  
2 GHz ~ 25 GHz

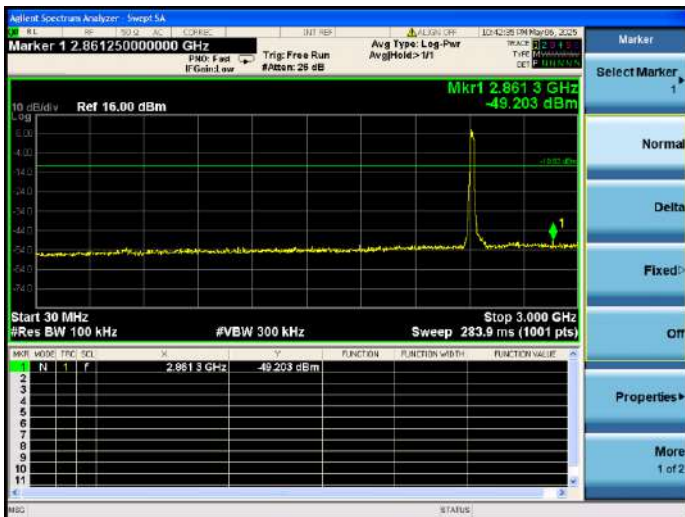




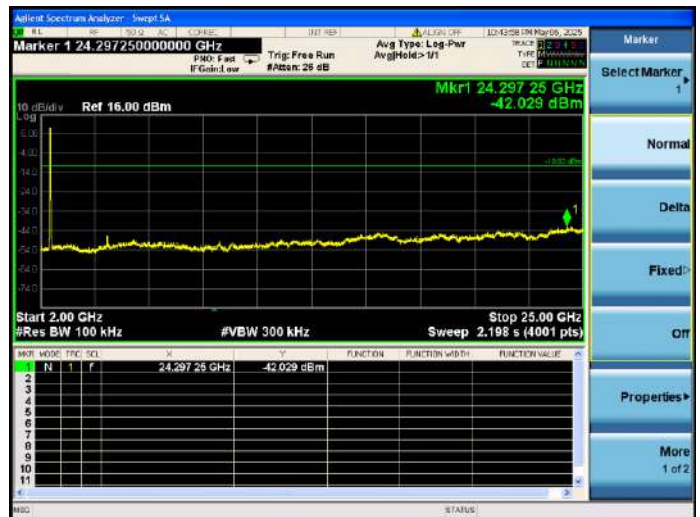
VHT20 MHz CHANNEL 2 CARRIER LEVEL



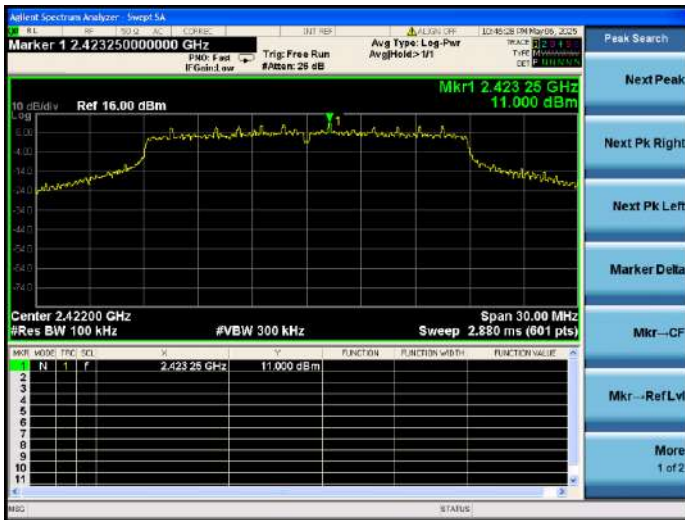
VHT20 MHz CHANNEL 2, SPURIOUS  
30 MHz ~ 3 GHz



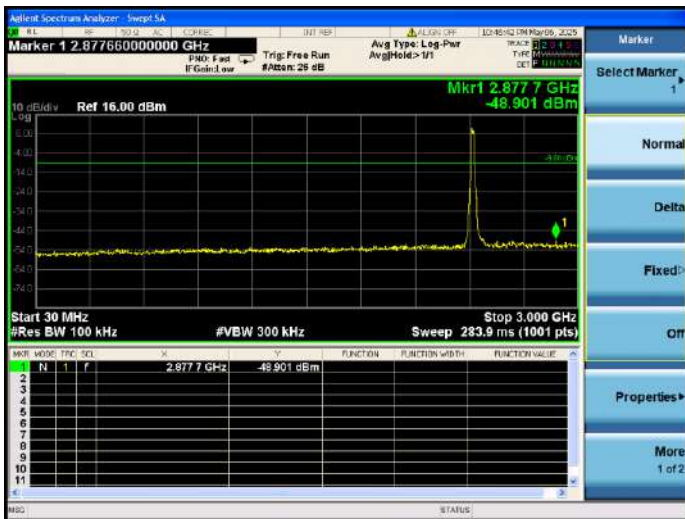
VHT20 MHz CHANNEL 2, SPURIOUS  
2 GHz ~ 25 GHz



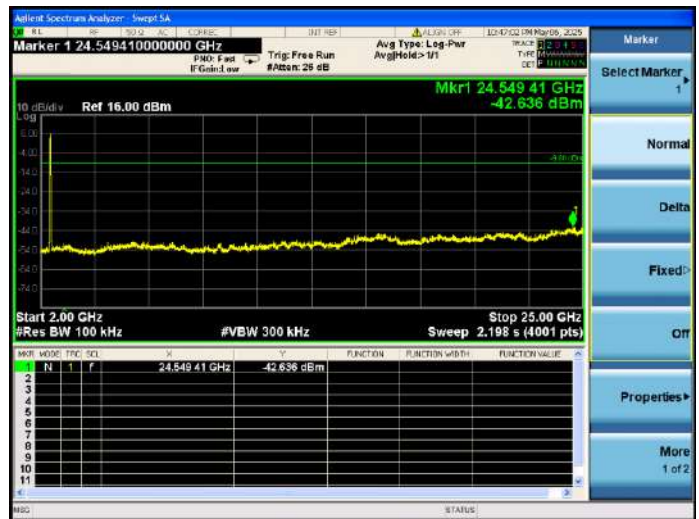
VHT20 MHz CHANNEL 3 CARRIER LEVEL



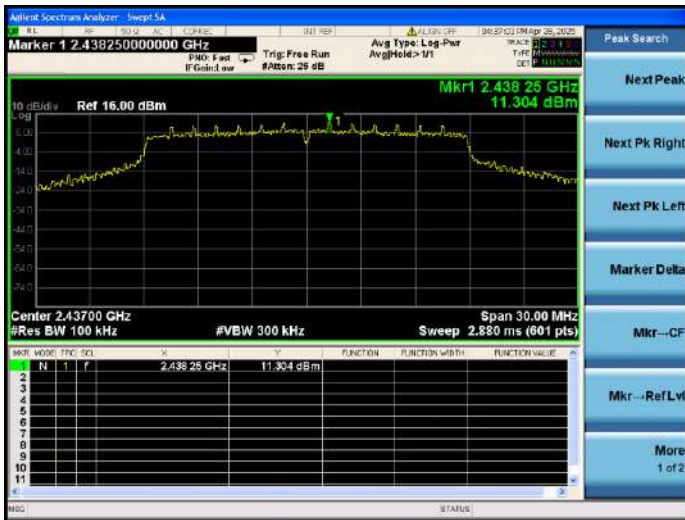
VHT20 MHz CHANNEL 3, SPURIOUS  
30 MHz ~ 3 GHz



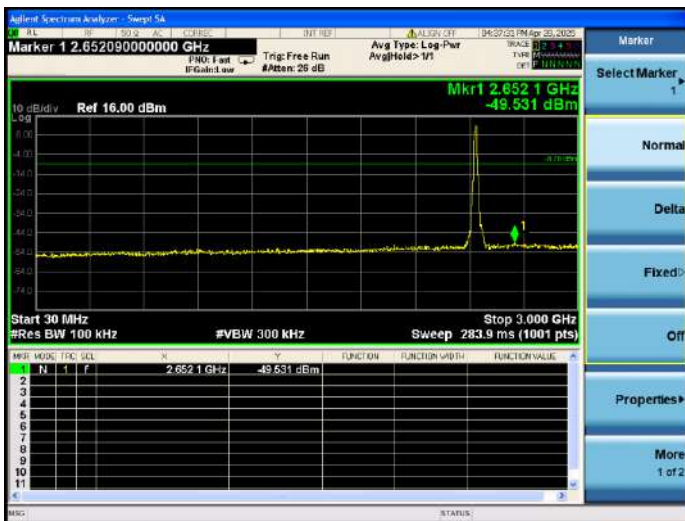
VHT20 MHz CHANNEL 3, SPURIOUS  
2 GHz ~ 25 GHz



VHT20 MHz CHANNEL 6 CARRIER LEVEL



VHT20 MHz CHANNEL 6, SPURIOUS  
30 MHz ~ 3 GHz



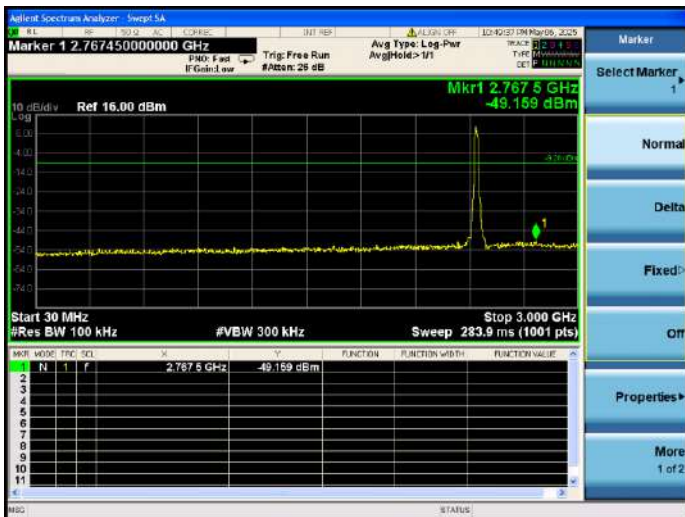
VHT20 MHz CHANNEL 6, SPURIOUS  
2 GHz ~ 25 GHz



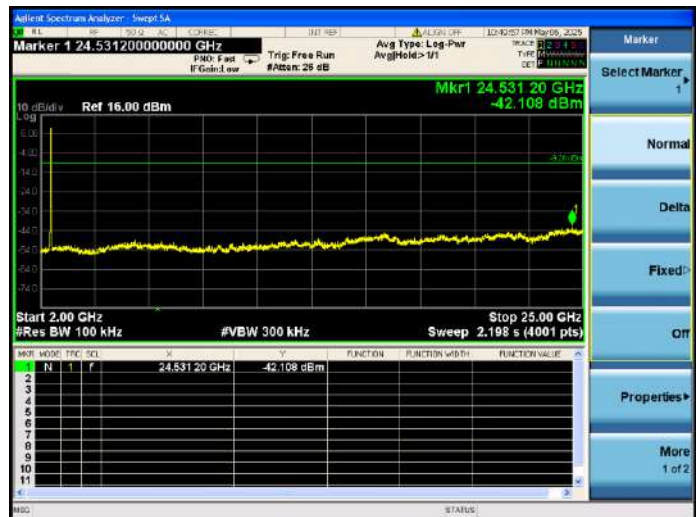
VHT20 MHz CHANNEL 7 CARRIER LEVEL



VHT20 MHz CHANNEL 7, SPURIOUS  
30 MHz ~ 3 GHz



VHT20 MHz CHANNEL 7, SPURIOUS  
2 GHz ~ 25 GHz

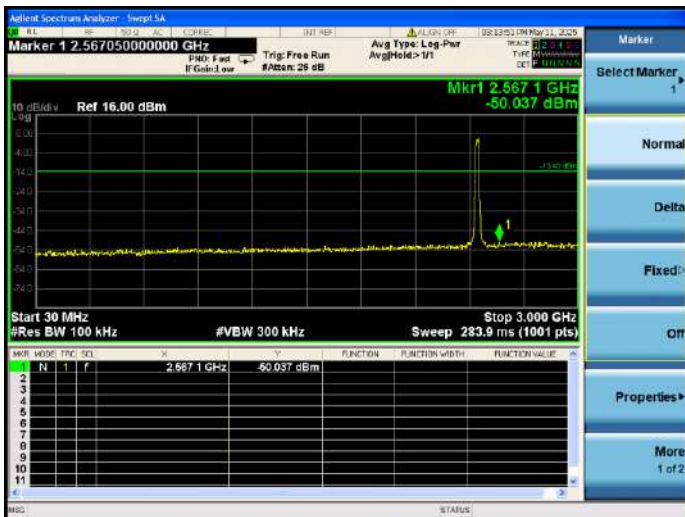




VHT20 MHz CHANNEL 8 CARRIER LEVEL



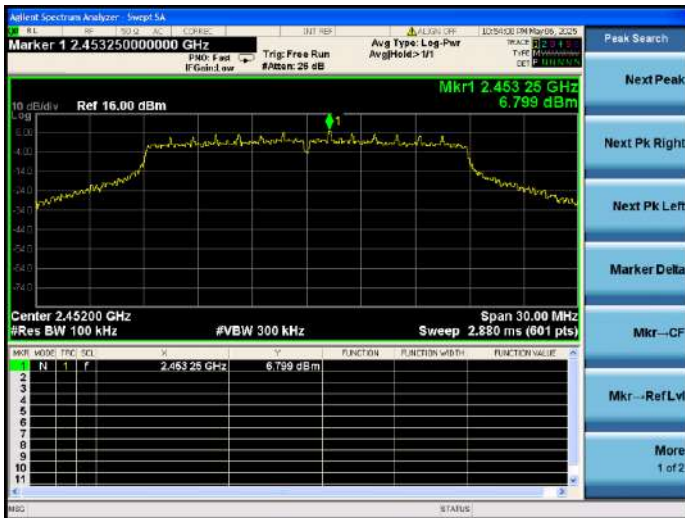
VHT20 MHz CHANNEL 8, SPURIOUS  
30 MHz ~ 3 GHz



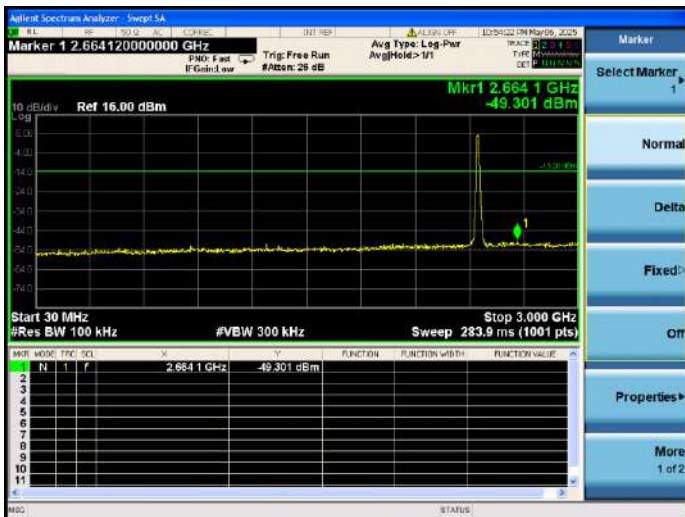
VHT20 MHz CHANNEL 8, SPURIOUS  
2 GHz ~ 25 GHz



VHT20 MHz CHANNEL 9 CARRIER LEVEL



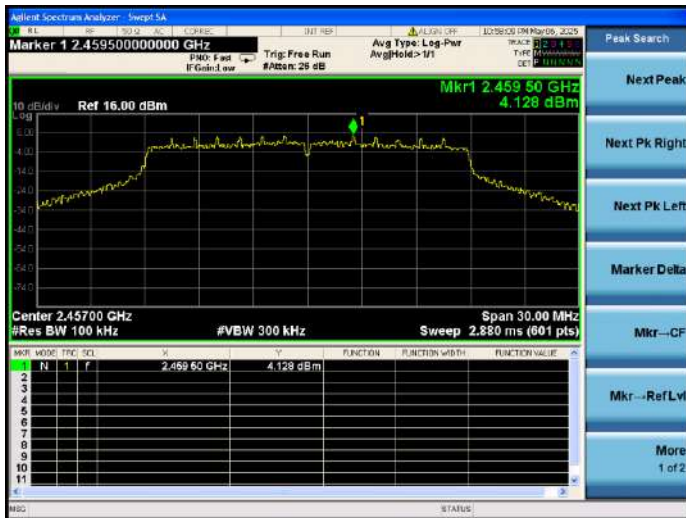
VHT20 MHz CHANNEL 9, SPURIOUS  
30 MHz ~ 3 GHz



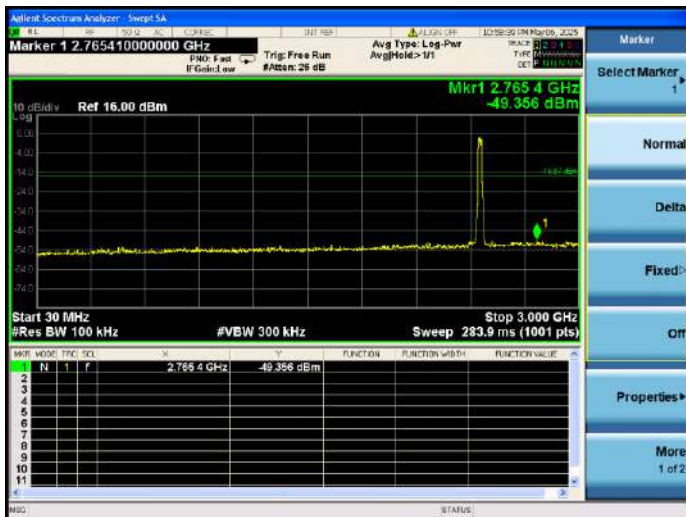
VHT20 MHz CHANNEL 9, SPURIOUS  
2 GHz ~ 25 GHz



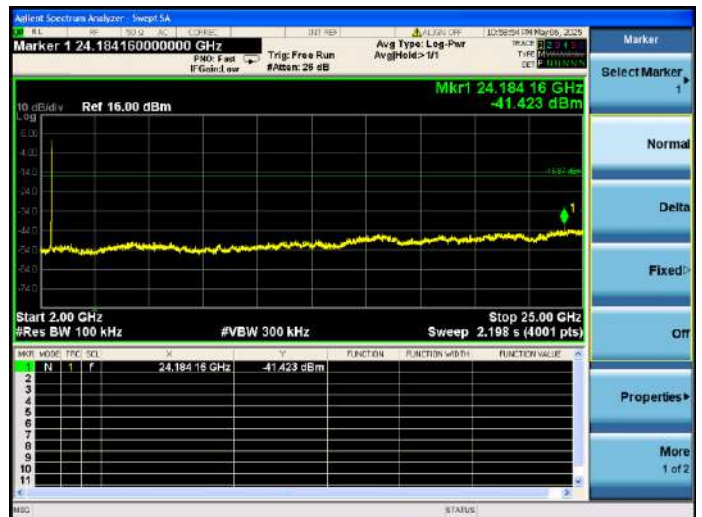
VHT20 MHz CHANNEL 10 CARRIER LEVEL



VHT20 MHz CHANNEL 10, SPURIOUS  
30 MHz ~ 3 GHz



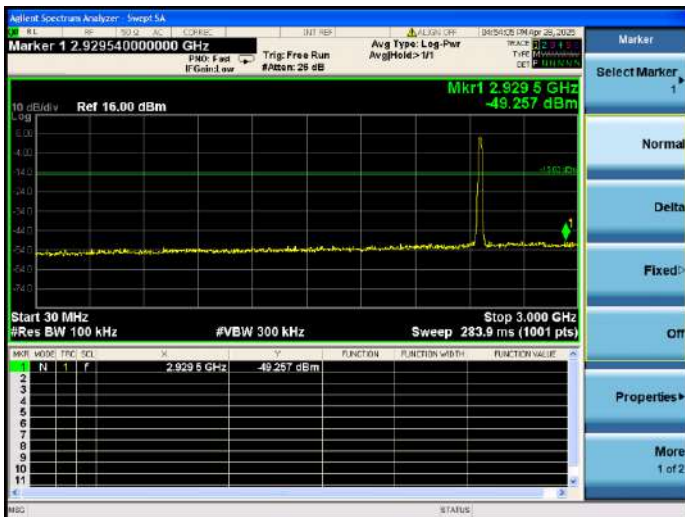
VHT20 MHz CHANNEL 10, SPURIOUS  
2 GHz ~ 25 GHz



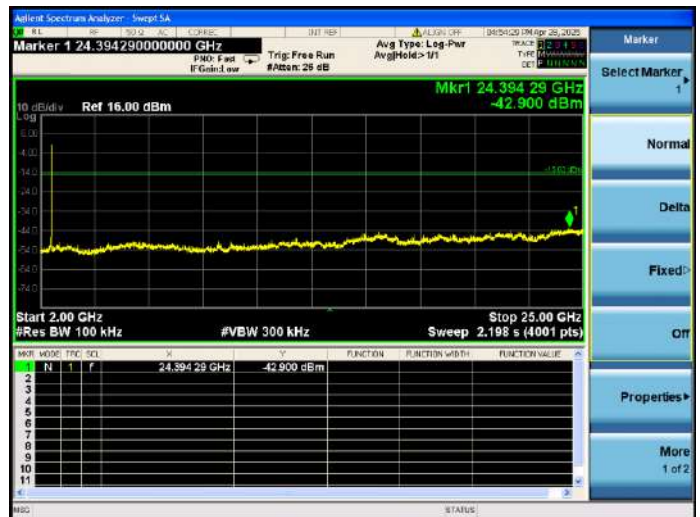
VHT20 MHz CHANNEL 11 CARRIER LEVEL



VHT20 MHz CHANNEL 11, SPURIOUS  
 30 MHz ~ 3 GHz

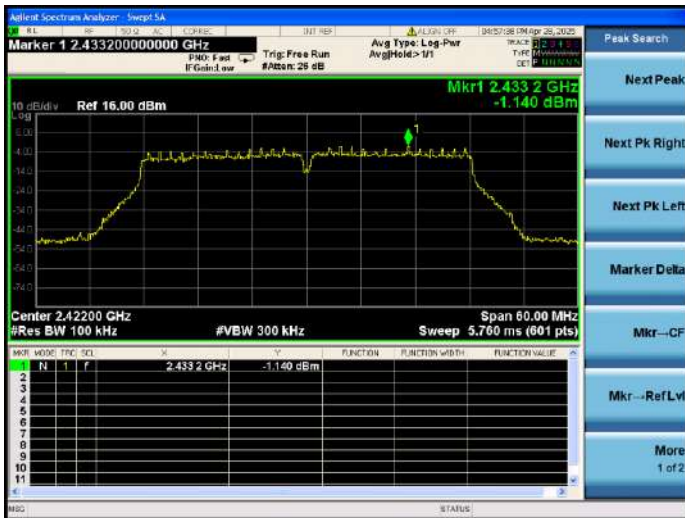


VHT20 MHz CHANNEL 11, SPURIOUS  
 2 GHz ~ 25 GHz

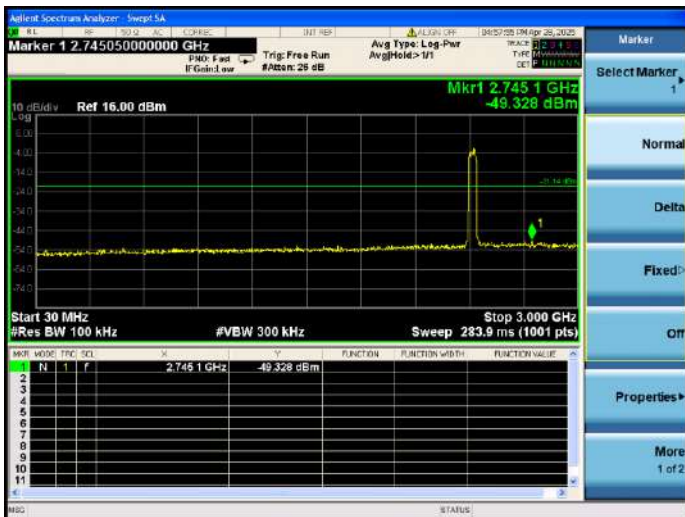




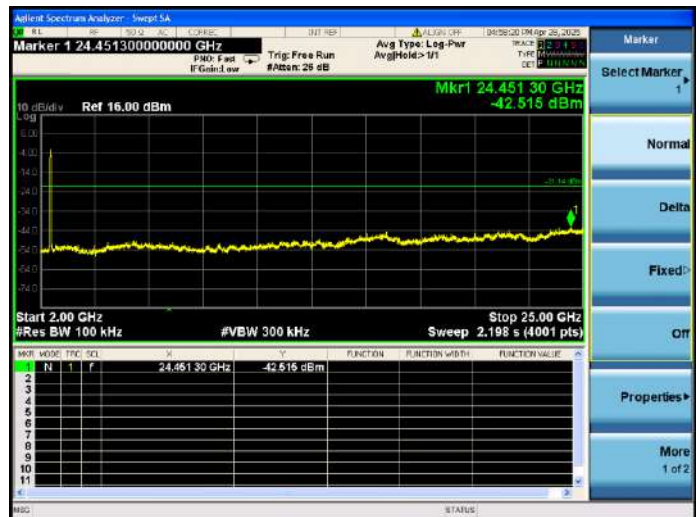
VHT40 MHz CHANNEL 3 CARRIER LEVEL



VHT40 MHz CHANNEL 3, SPURIOUS  
30 MHz ~ 3 GHz



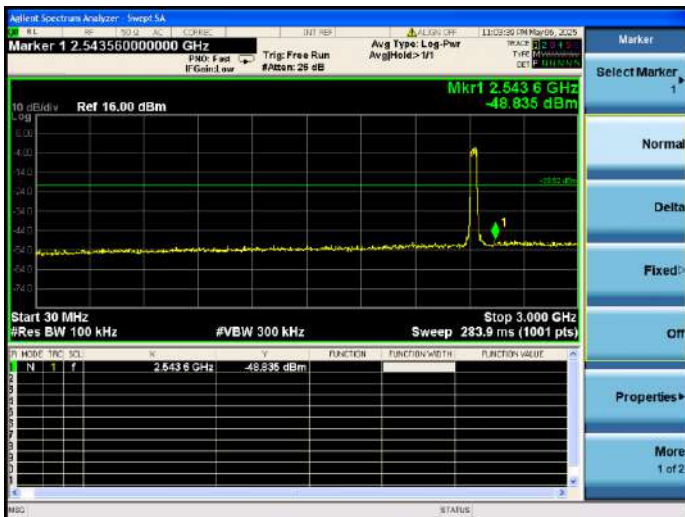
VHT40 MHz CHANNEL 3, SPURIOUS  
2 GHz ~ 25 GHz



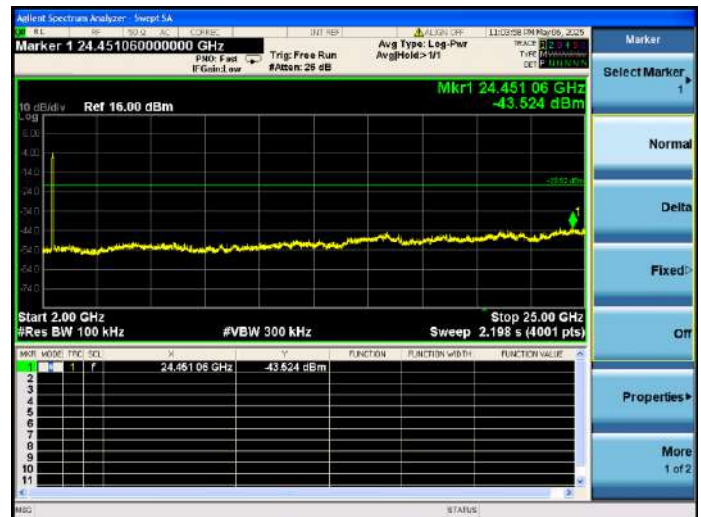
VHT40 MHz CHANNEL 4 CARRIER LEVEL



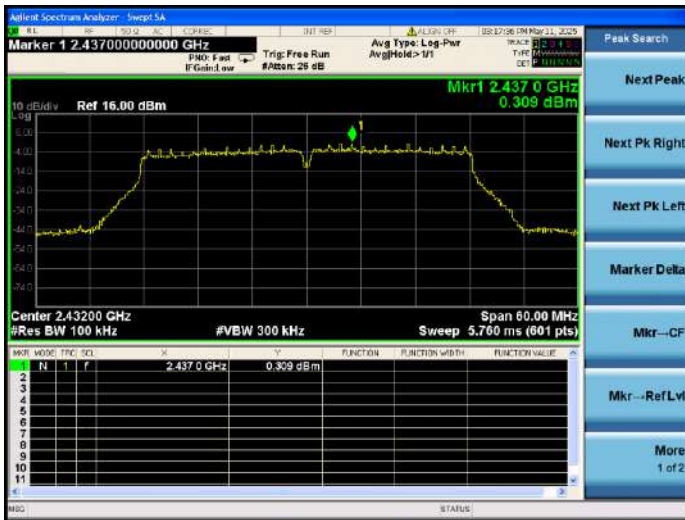
VHT40 MHz CHANNEL 4, SPURIOUS  
30 MHz ~ 3 GHz



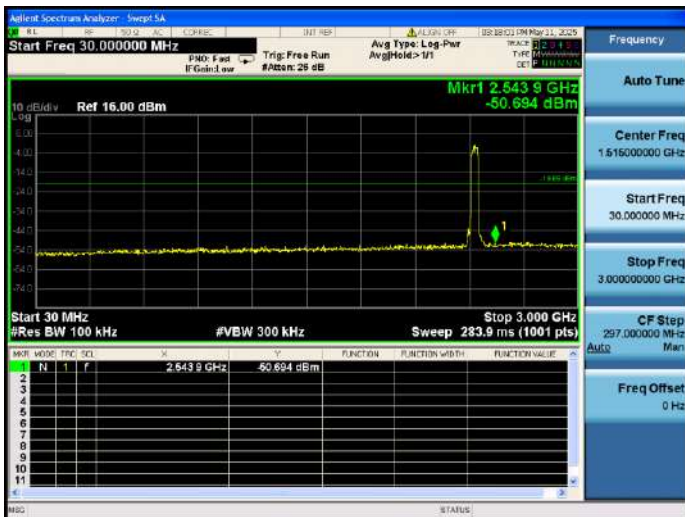
VHT40 MHz CHANNEL 4, SPURIOUS  
2 GHz ~ 25 GHz



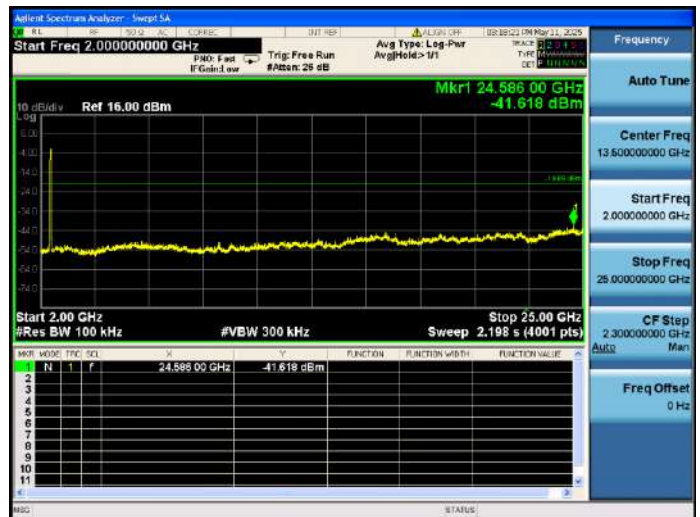
VHT40 MHz CHANNEL 5 CARRIER LEVEL



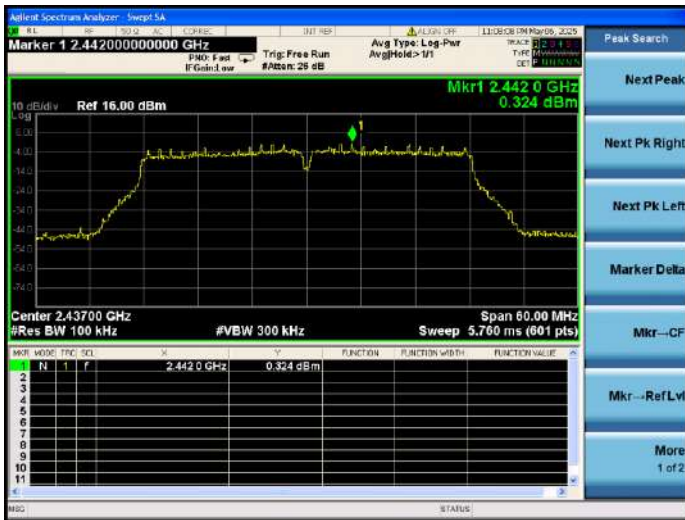
VHT40 MHz CHANNEL 5, SPURIOUS  
30 MHz ~ 3 GHz



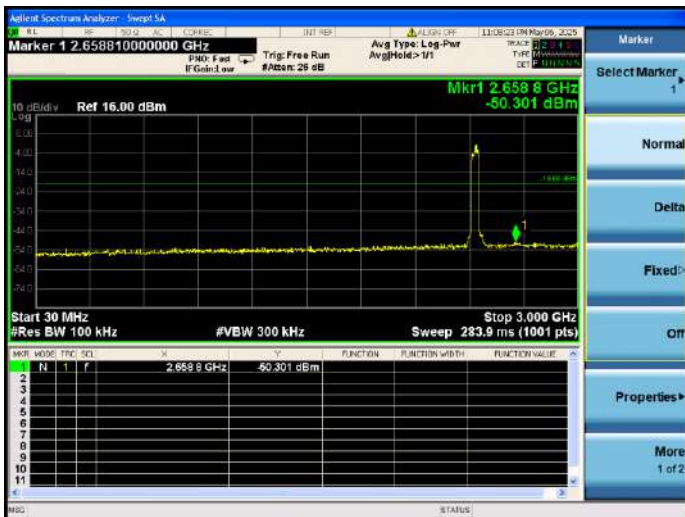
VHT40 MHz CHANNEL 5, SPURIOUS  
2 GHz ~ 25 GHz



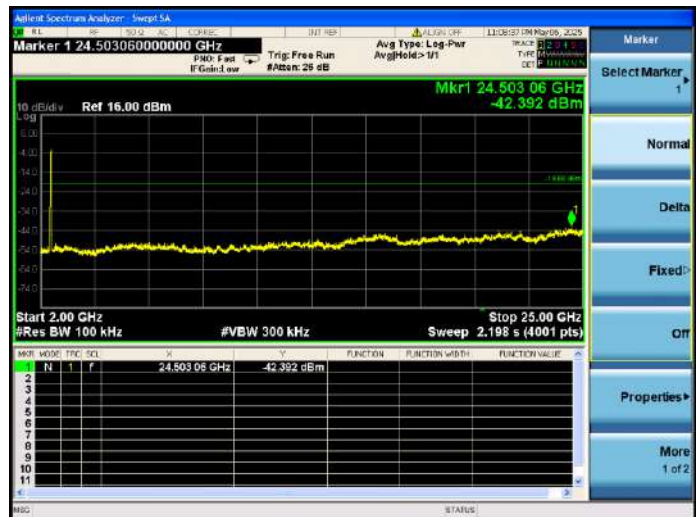
VHT40 MHz CHANNEL 6 CARRIER LEVEL



VHT40 MHz CHANNEL 6, SPURIOUS  
30 MHz ~ 3 GHz

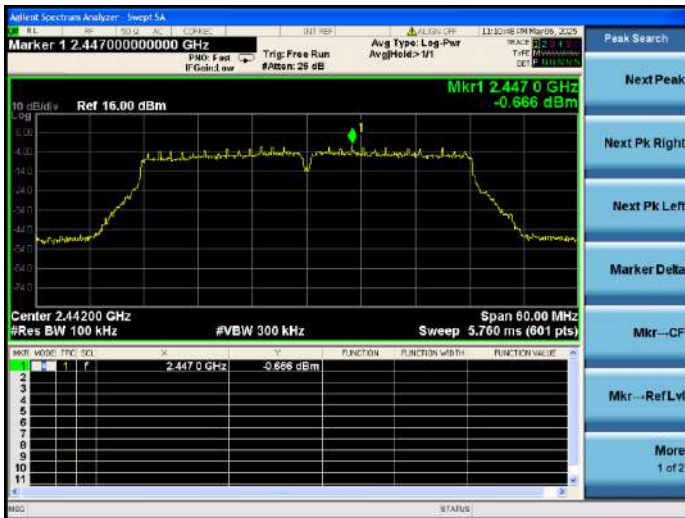


VHT40 MHz CHANNEL 6, SPURIOUS  
2 GHz ~ 25 GHz

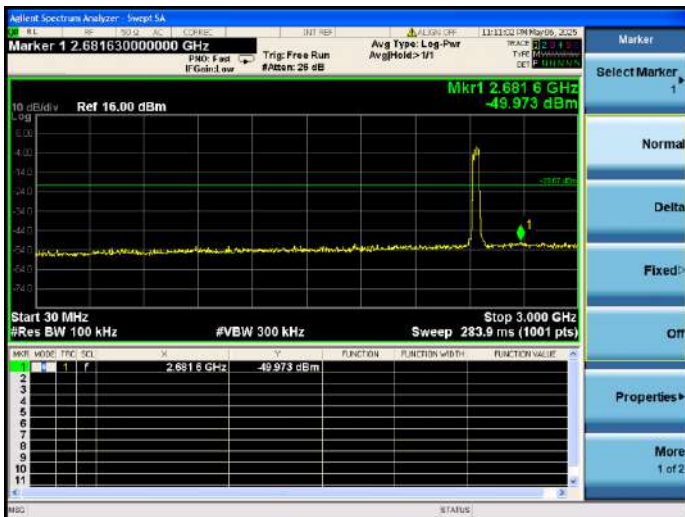




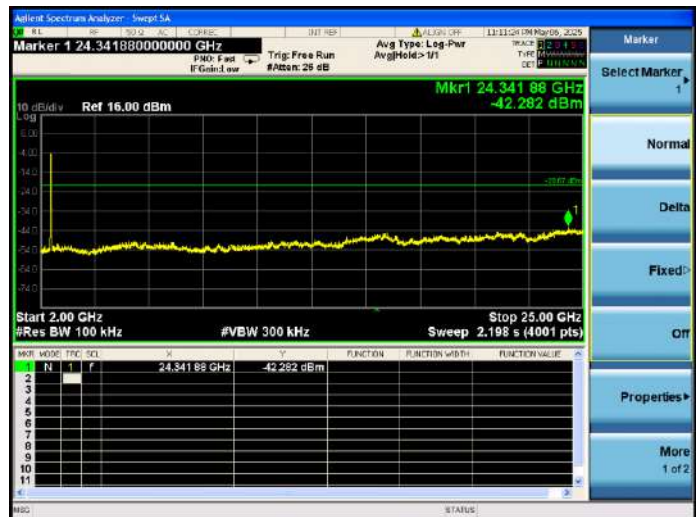
VHT40 MHz CHANNEL 7 CARRIER LEVEL



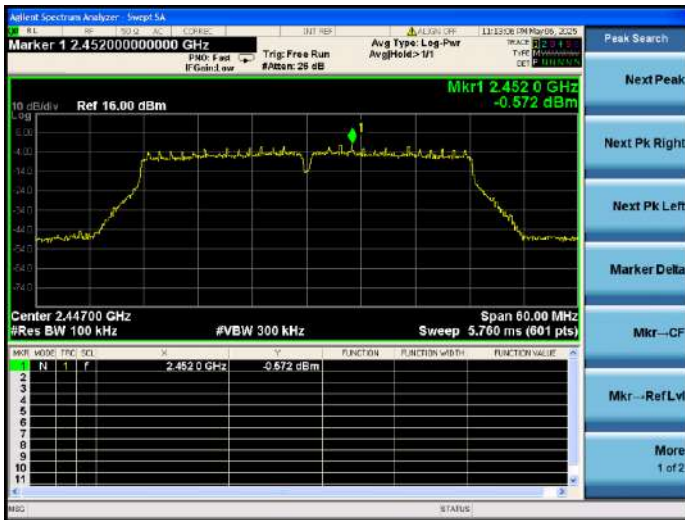
VHT40 MHz CHANNEL 7, SPURIOUS  
30 MHz ~ 3 GHz



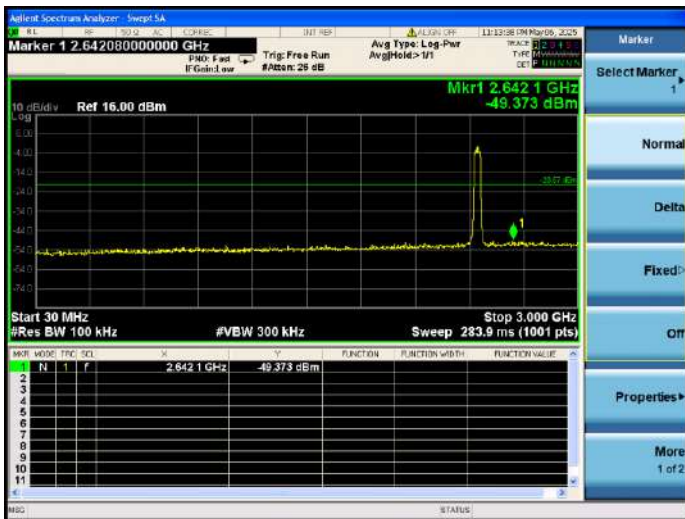
VHT40 MHz CHANNEL 7, SPURIOUS  
2 GHz ~ 25 GHz



VHT40 MHz CHANNEL 8 CARRIER LEVEL



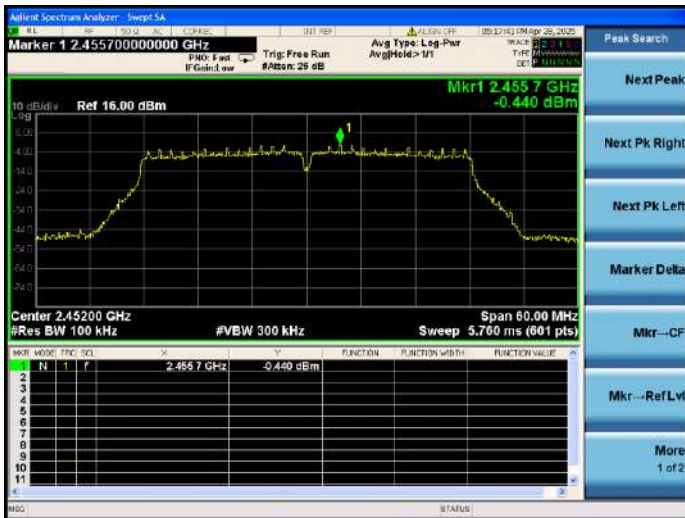
VHT40 MHz CHANNEL 8, SPURIOUS  
30 MHz ~ 3 GHz



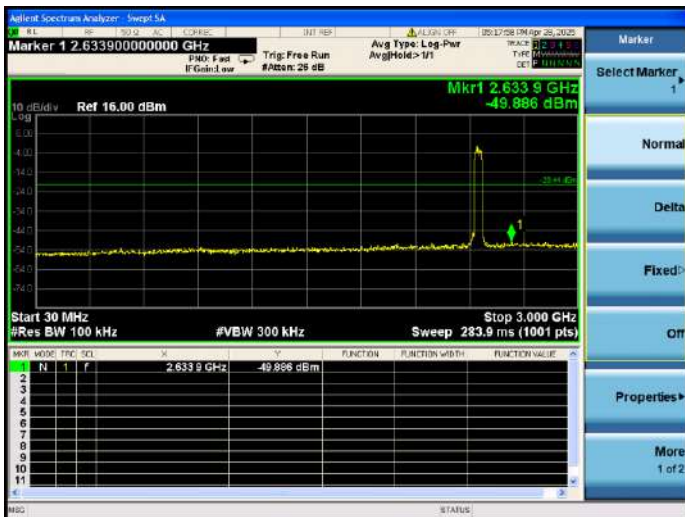
VHT40 MHz CHANNEL 8, SPURIOUS  
2 GHz ~ 25 GHz



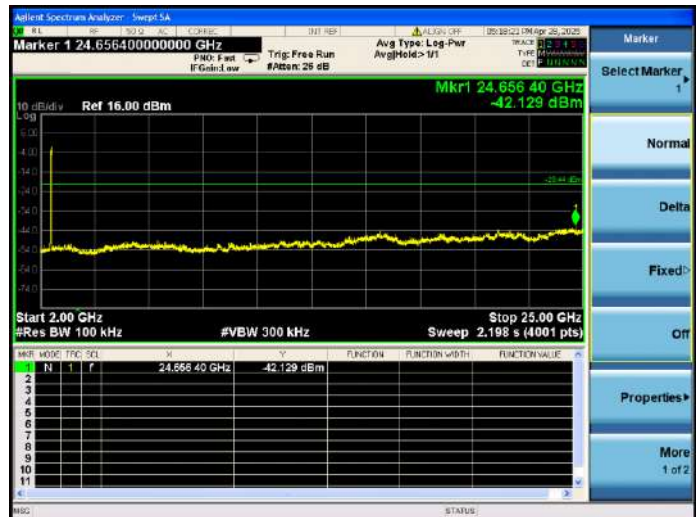
VHT40 MHz CHANNEL 9 CARRIER LEVEL



VHT40 MHz CHANNEL 9, SPURIOUS  
30 MHz ~ 3 GHz



VHT40 MHz CHANNEL 9, 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.

### Test Data

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 1	-35.63	8.85	-11.15	Pass
CH 11	-50.87	8.90	-11.10	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 1	-21.72	6.91	-13.09	Pass
CH 2	-28.66	9.61	-10.39	Pass
CH 3	-35.02	11.00	-9.00	Pass
CH 7	-45.37	10.68	-9.32	Pass
CH 8	-48.16	7.53	-12.47	Pass
CH 9	-47.60	7.00	-13.00	Pass
CH 10	-46.76	6.42	-13.58	Pass
CH 11	-46.76	4.12	-15.88	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 1	-20.62	6.99	-13.01	Pass
CH 2	-28.63	9.84	-10.16	Pass
CH 3	-35.02	10.63	-9.37	Pass
CH 7	-46.41	10.91	-9.09	Pass
CH 8	-48.89	6.44	-13.56	Pass
CH 9	-48.67	5.02	-14.99	Pass
CH 10	-47.29	4.39	-15.61	Pass
CH 11	-47.04	5.12	-14.88	Pass



## 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 3	-37.55	-1.34	-21.34	Pass
CH 4	-45.08	-1.05	-21.05	Pass
CH 5	-41.50	0.39	-19.61	Pass
CH 7	-49.07	0.17	-19.83	Pass
CH 8	-48.82	-0.63	-20.63	Pass
CH 9	-47.40	-0.79	-20.79	Pass

## VHT20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 1	-21.14	6.77	-13.23	Pass
CH 2	-27.54	9.07	-10.93	Pass
CH 3	-35.36	11.00	-9.00	Pass
CH 7	-45.43	10.72	-9.28	Pass
CH 8	-49.21	6.57	-13.43	Pass
CH 9	-48.59	6.80	-13.20	Pass
CH 10	-48.65	4.13	-15.87	Pass
CH 11	-47.16	4.97	-15.03	Pass

## VHT40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH 3	-37.56	-1.14	-21.14	Pass
CH 4	-45.09	-0.92	-20.92	Pass
CH 5	-42.31	0.31	-19.69	Pass
CH 7	-49.14	-0.67	-20.67	Pass
CH 8	-48.74	-0.57	-20.57	Pass
CH 9	-48.34	-0.44	-20.44	Pass

Test Plots

802.11b CHANNEL 1, CARRIER LEVEL



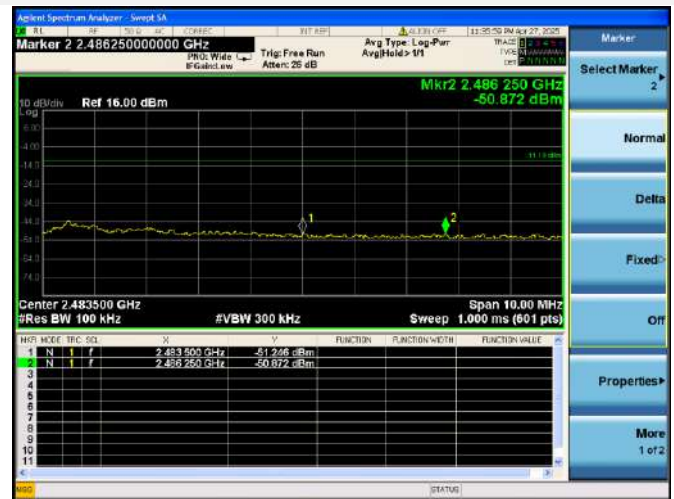
802.11b CHANNEL 1, BAND EDGE



802.11b CHANNEL 11, CARRIER LEVEL



802.11b CHANNEL 11, BAND EDGE



802.11g CHANNEL 1, CARRIER LEVEL



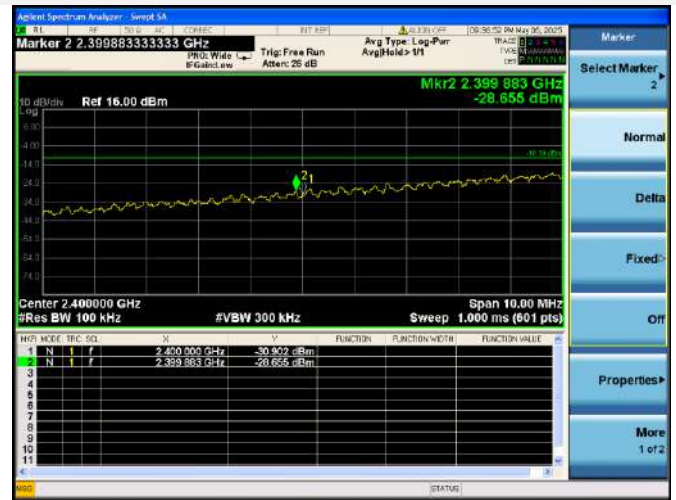
802.11g CHANNEL 1, BAND EDGE



802.11g CHANNEL 2, CARRIER LEVEL



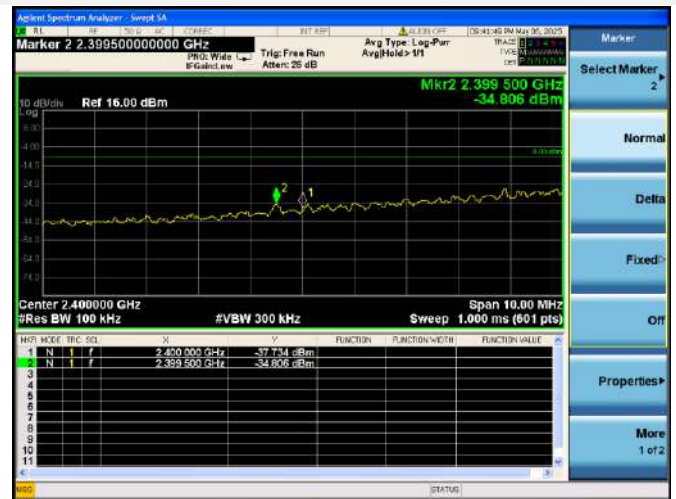
802.11g CHANNEL 2, BAND EDGE



802.11g CHANNEL 3, CARRIER LEVEL



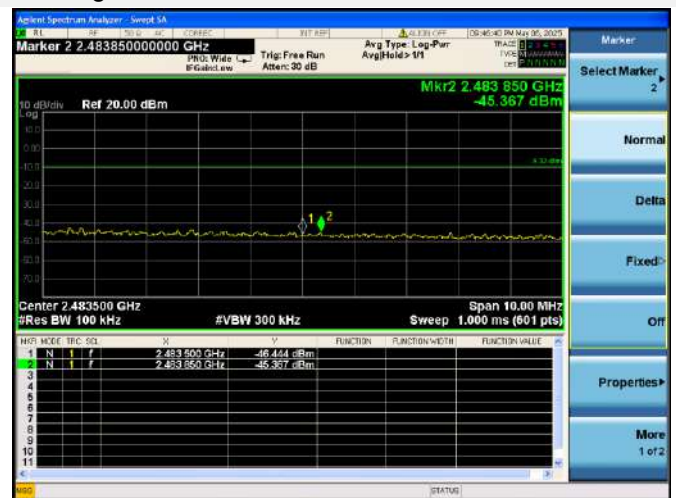
802.11g CHANNEL 3, BAND EDGE



802.11g CHANNEL 7, CARRIER LEVEL



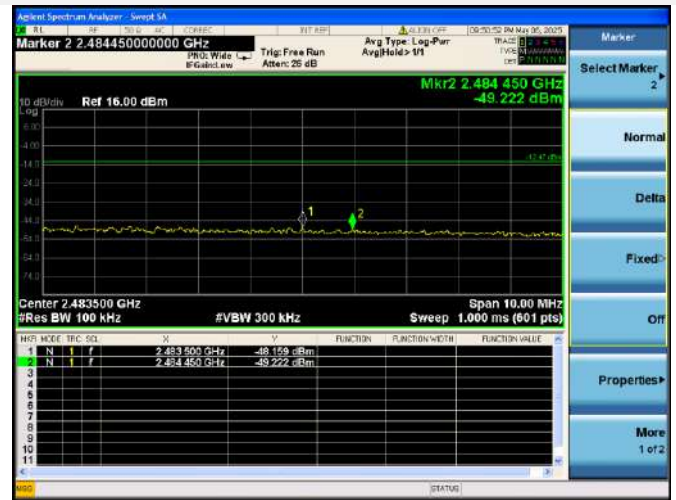
802.11g CHANNEL 7, BAND EDGE



802.11g CHANNEL 8, CARRIER LEVEL



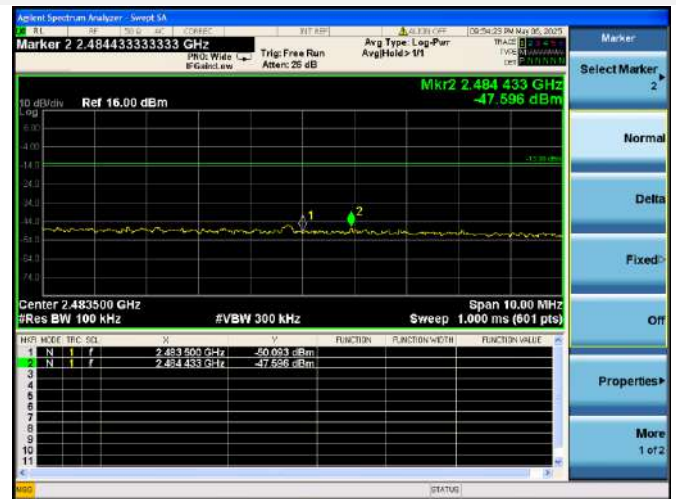
802.11g CHANNEL 8, BAND EDGE



802.11g CHANNEL 9, CARRIER LEVEL



802.11g CHANNEL 9, BAND EDGE



802.11g CHANNEL 10, CARRIER LEVEL



802.11g CHANNEL 10, BAND EDGE

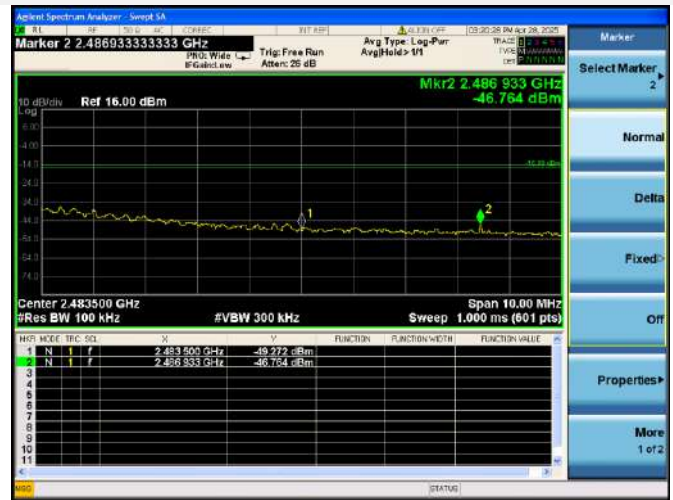




802.11g CHANNEL 11, CARRIER LEVEL



802.11g CHANNEL 11, BAND EDGE



802.11n-20 MHz CHANNEL 1, CARRIER LEVEL



802.11n-20 MHz CHANNEL 1, BAND EDGE



802.11n-20 MHz CHANNEL 2, CARRIER LEVEL



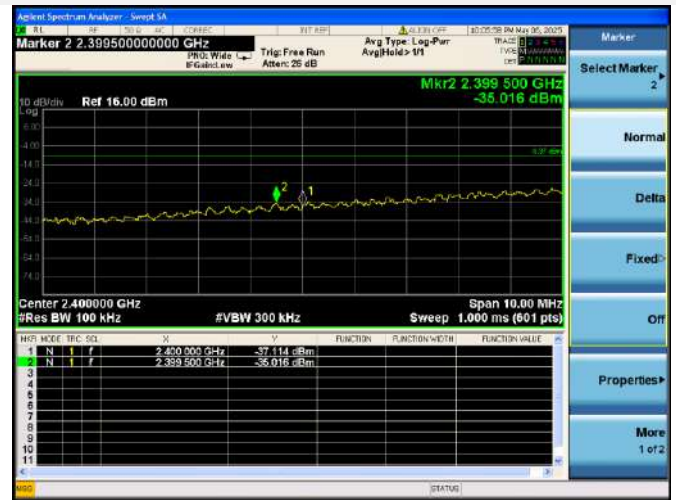
802.11n-20 MHz CHANNEL 2, BAND EDGE



802.11n-20 MHz CHANNEL 3, CARRIER LEVEL



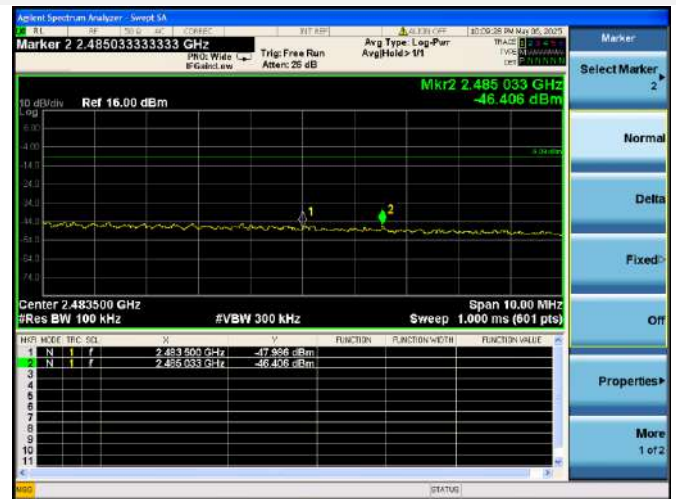
802.11n-20 MHz CHANNEL 3, BAND EDGE



802.11n-20 MHz CHANNEL 7, CARRIER LEVEL



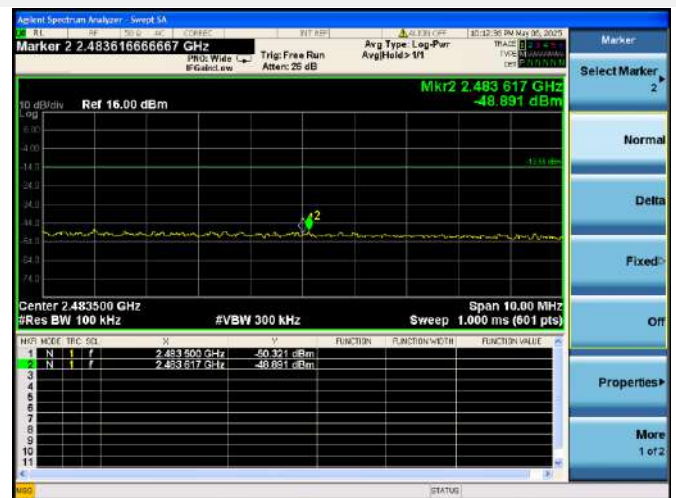
802.11n-20 MHz CHANNEL 7, BAND EDGE



802.11n-20 MHz CHANNEL 8, CARRIER LEVEL



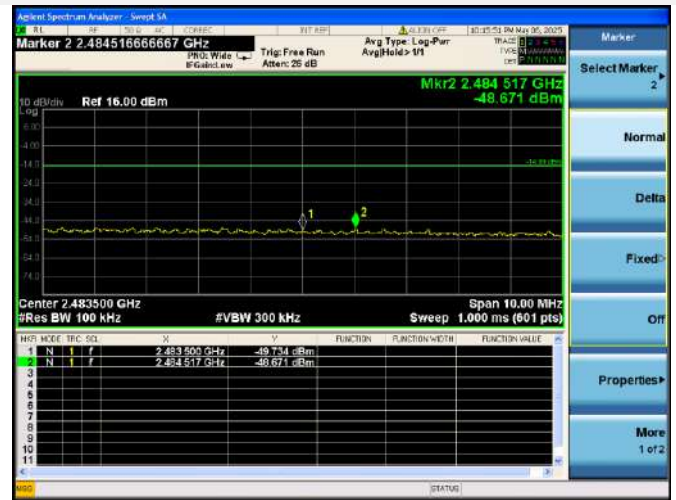
802.11n-20 MHz CHANNEL 8, BAND EDGE



802.11n-20 MHz CHANNEL 9, CARRIER LEVEL



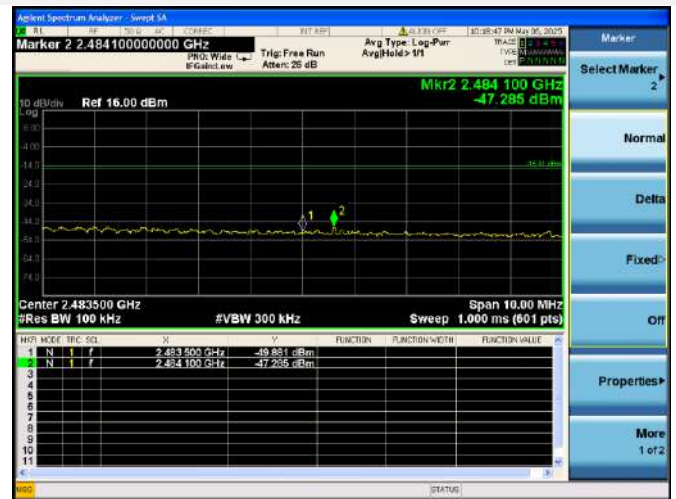
802.11n-20 MHz CHANNEL 9, BAND EDGE



802.11n-20 MHz CHANNEL 10, CARRIER LEVEL



802.11n-20 MHz CHANNEL 10, BAND EDGE



802.11n-20 MHz CHANNEL 11, CARRIER LEVEL



802.11n-20 MHz CHANNEL 11, BAND EDGE

