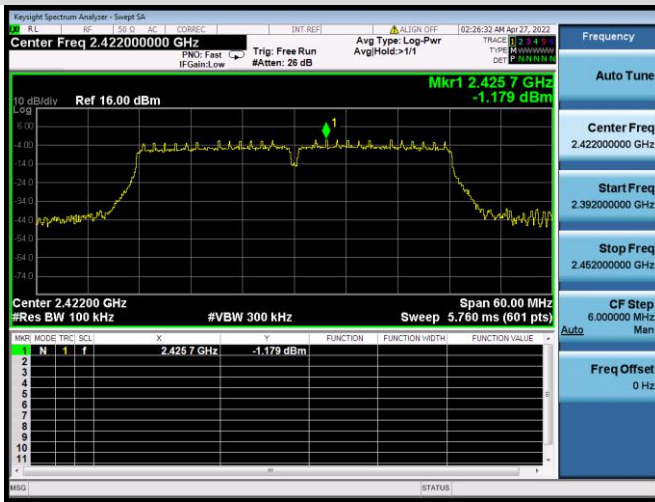
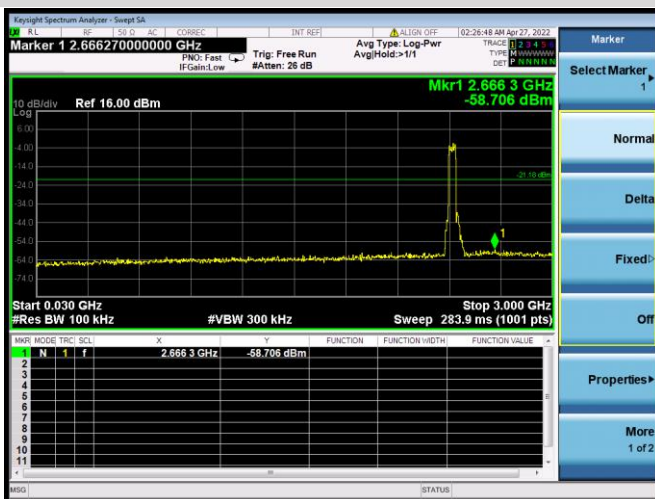


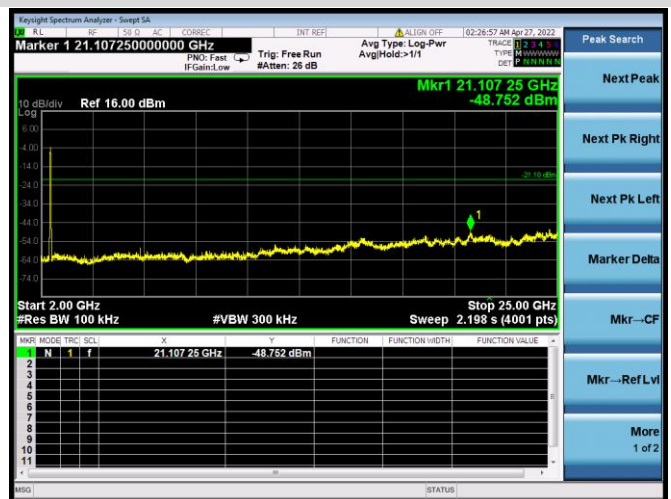
802.11n-40 MHz CHANNEL 3 CARRIER LEVEL



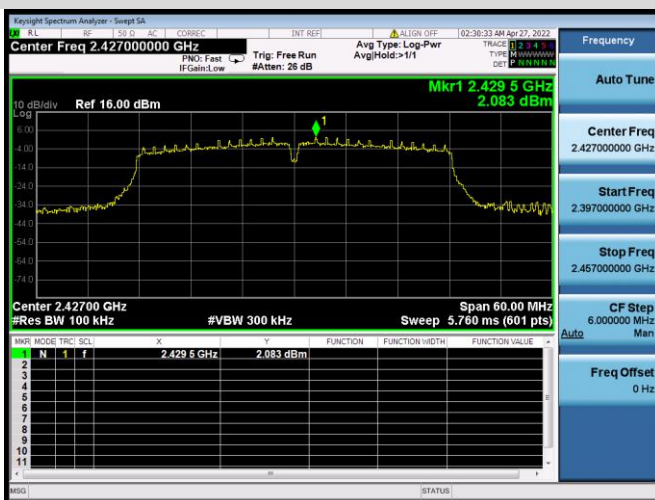
802.11n-40 MHz CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz



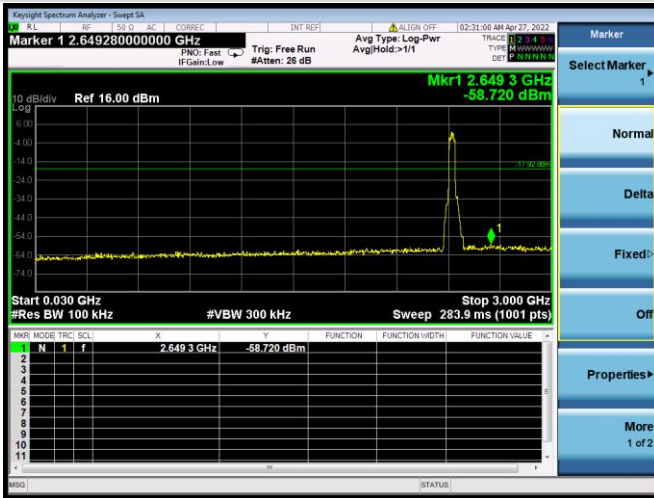
802.11n-40 MHz CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz



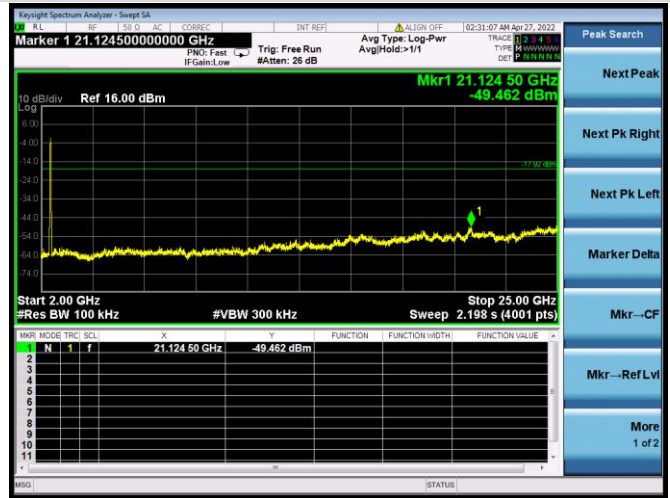
802.11n-40 MHz CHANNEL 4 CARRIER LEVEL



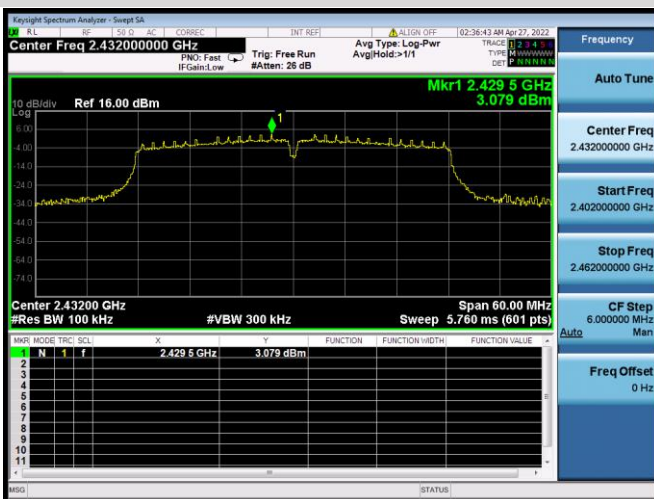
802.11n-40 MHz CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz



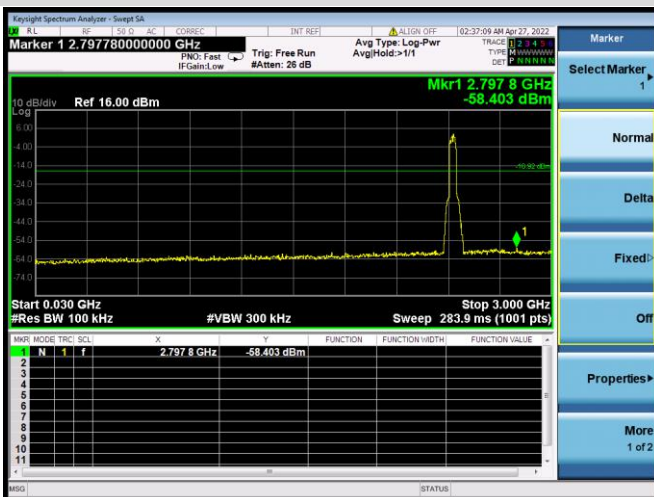
802.11n-40 MHz CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz



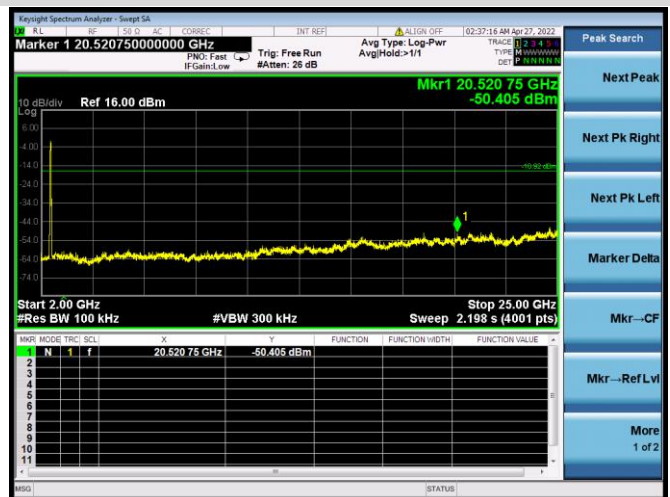
802.11n-40 MHz CHANNEL 5 CARRIER LEVEL



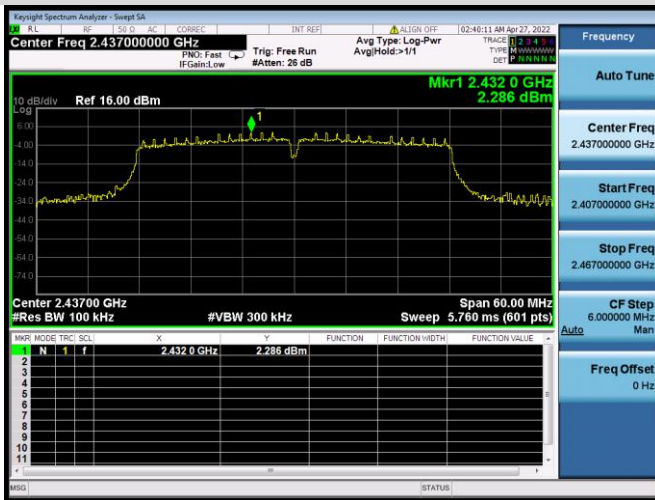
802.11n-40 MHz CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz



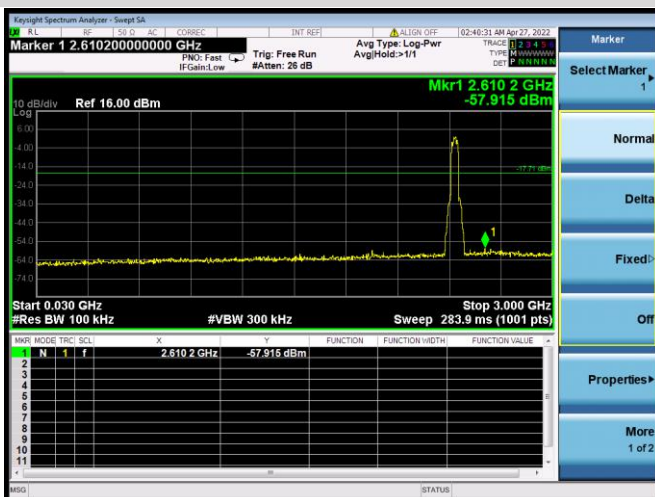
802.11n-40 MHz CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz



802.11n-40 MHz CHANNEL 6 CARRIER LEVEL



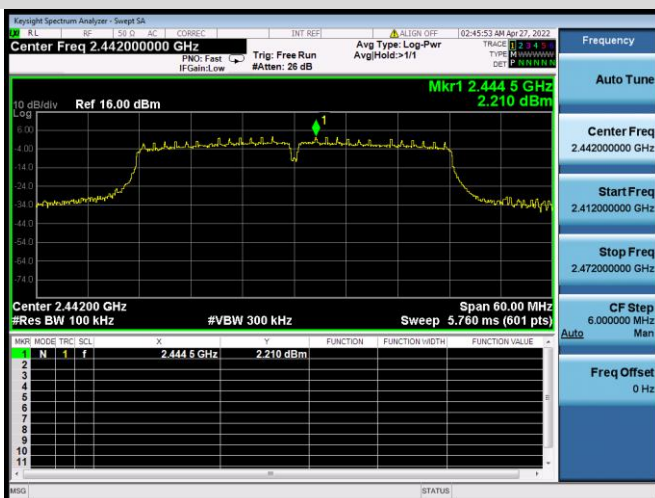
802.11n-40 MHz CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz



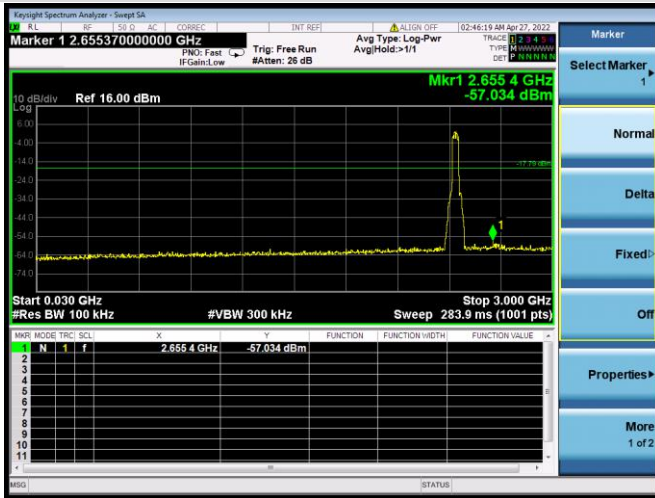
802.11n-40 MHz CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz



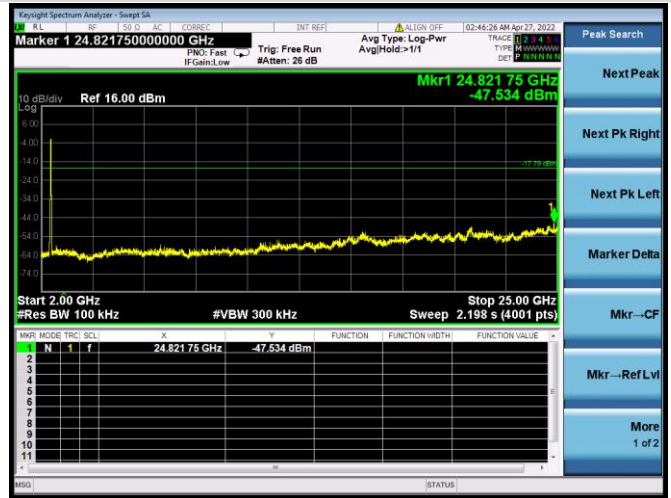
802.11n-40 MHz CHANNEL 7 CARRIER LEVEL



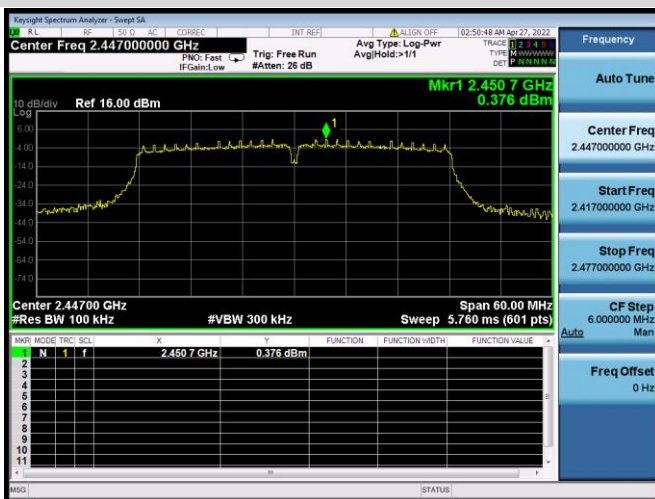
802.11n-40 MHz CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz



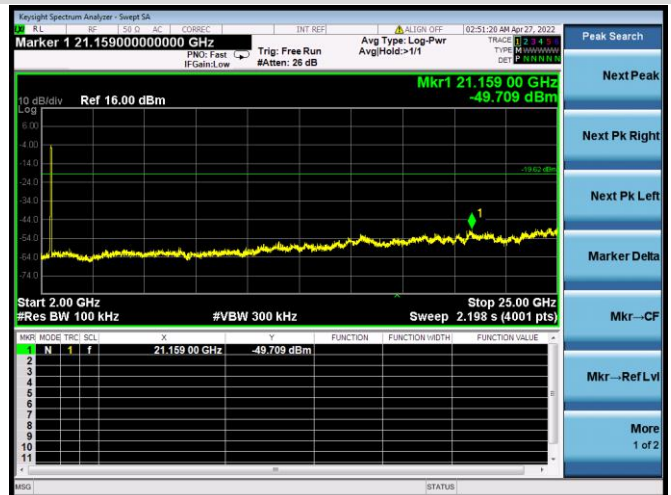
802.11n-40 MHz CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz



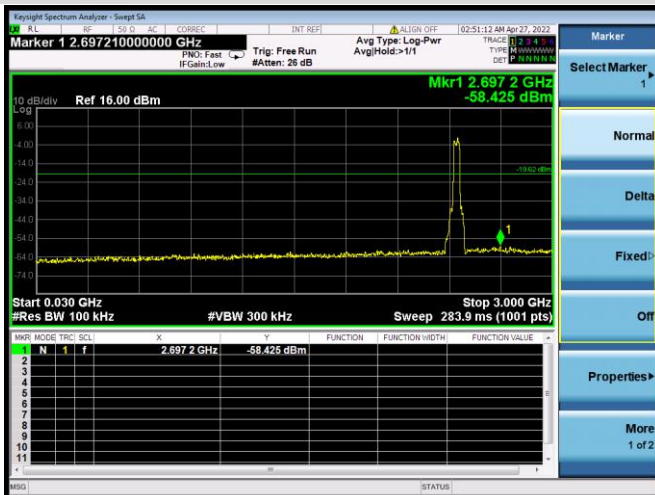
802.11n-40 MHz CHANNEL 8 CARRIER LEVEL



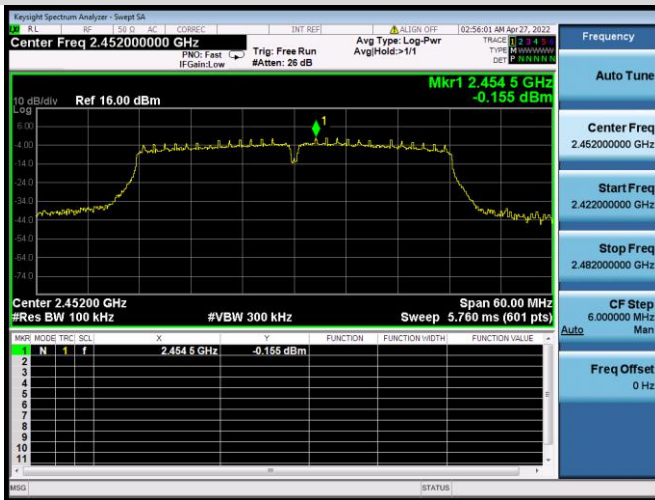
802.11n-40 MHz CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz



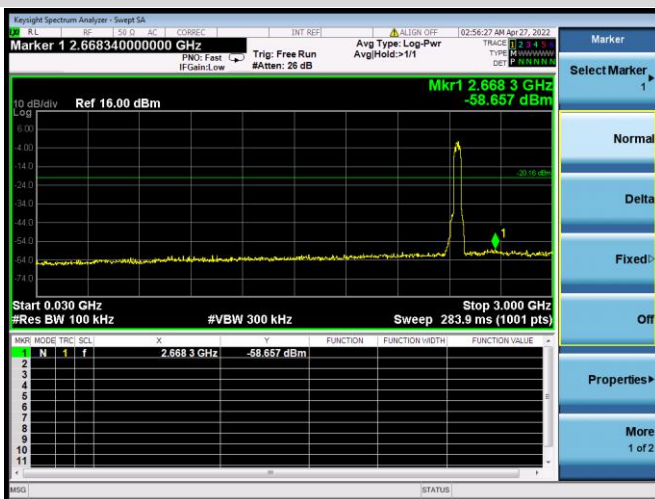
802.11n-40 MHz CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz



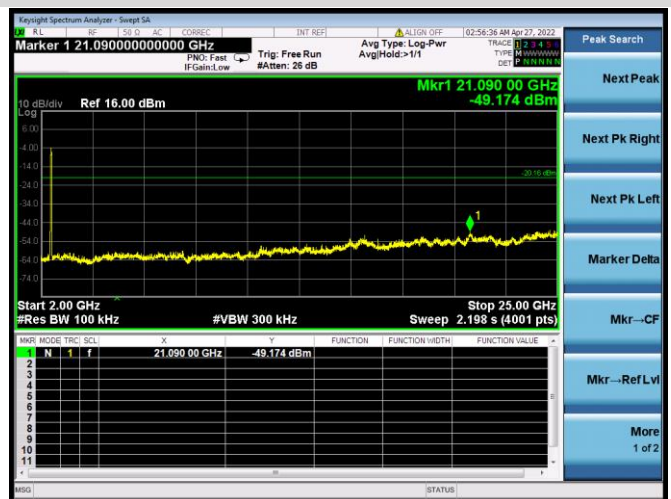
802.11n-40 MHz CHANNEL 9 CARRIER LEVEL



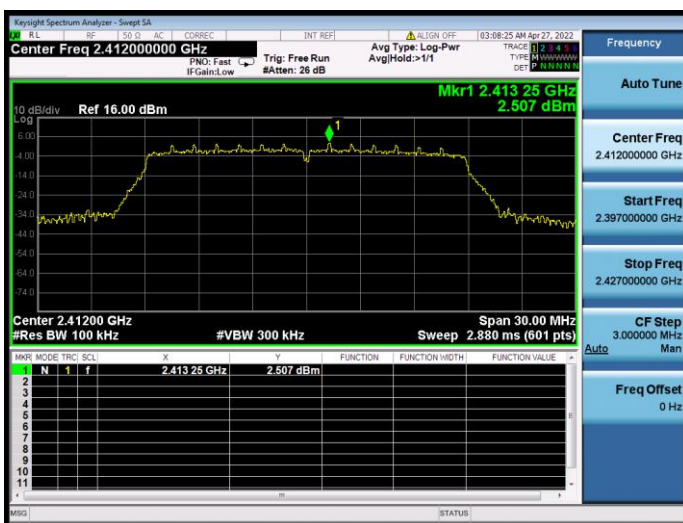
802.11n-40 MHz CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz



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

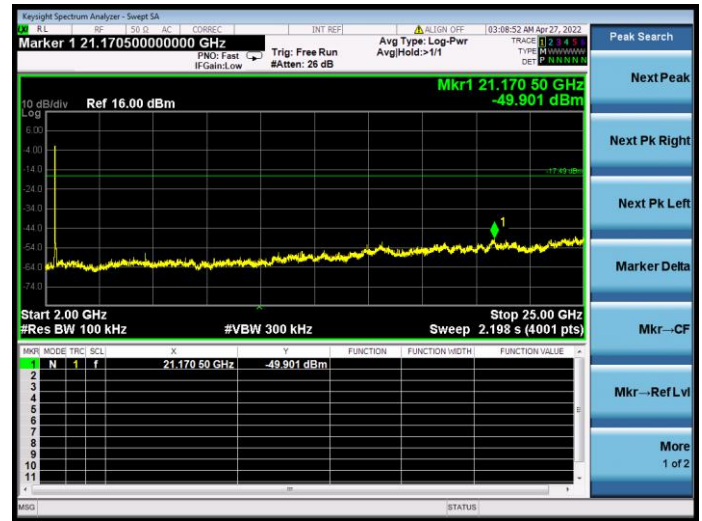
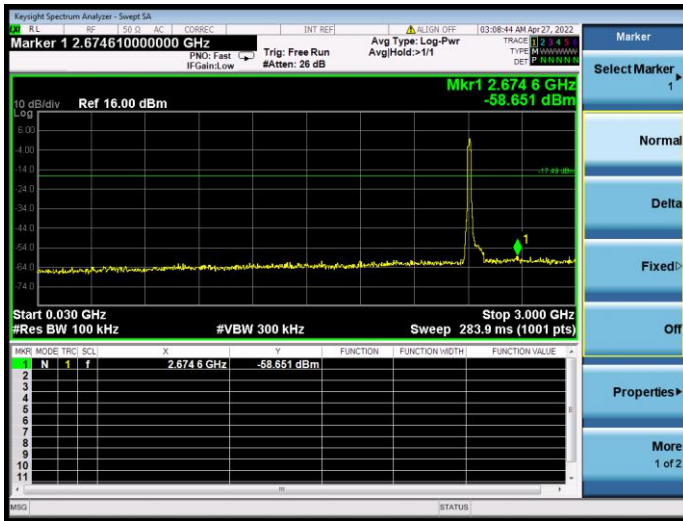


VHT(20 MHz) CHANNEL 1 CARRIER LEVEL

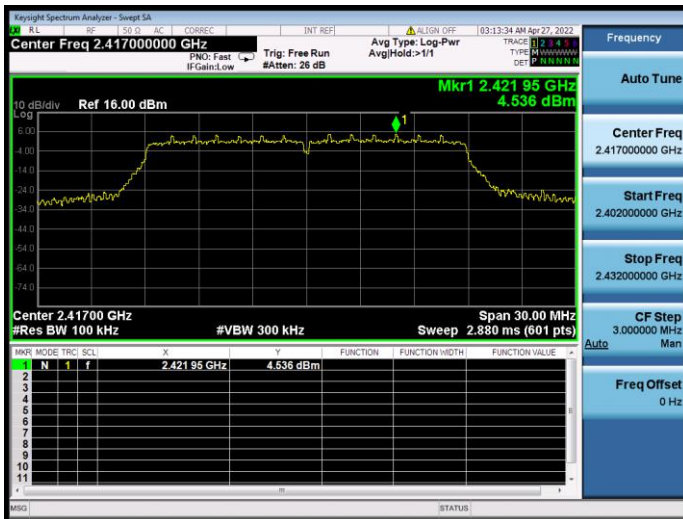


VHT(20 MHz) CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz

VHT(20 MHz) CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz

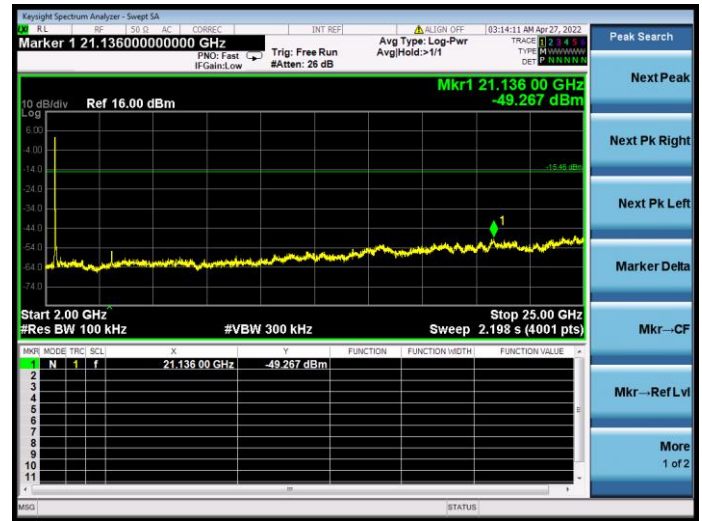
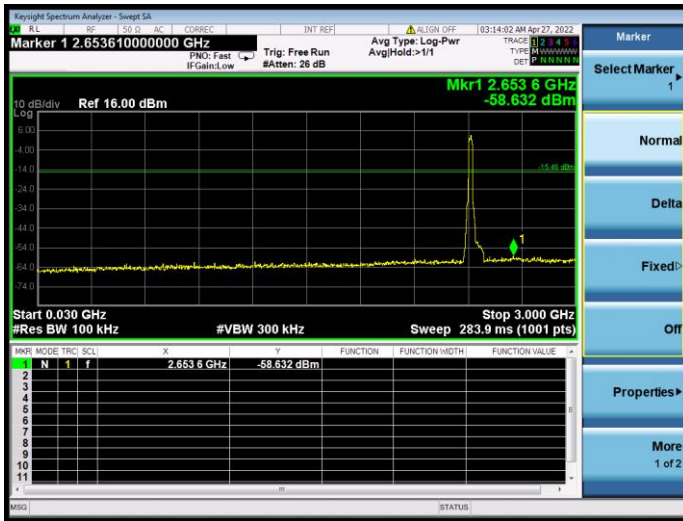


VHT(20 MHz) CHANNEL 2 CARRIER LEVEL

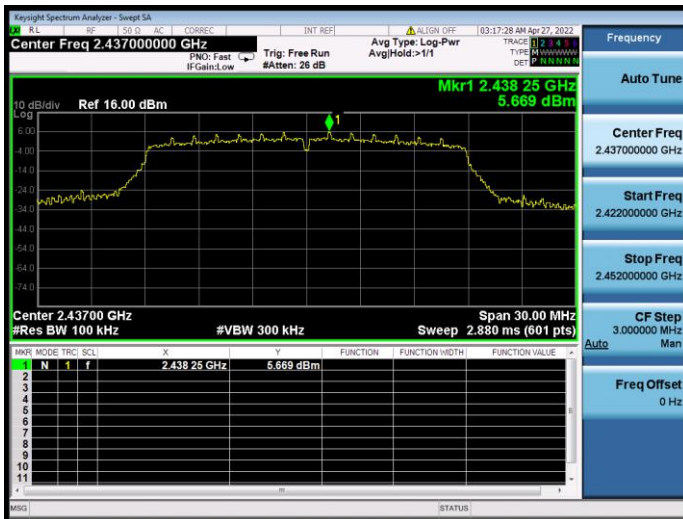


VHT(20 MHz) CHANNEL 2, SPURIOUS 30 MHz ~ 3 GHz

VHT(20 MHz) CHANNEL 2, SPURIOUS
2 GHz ~ 25 GHz

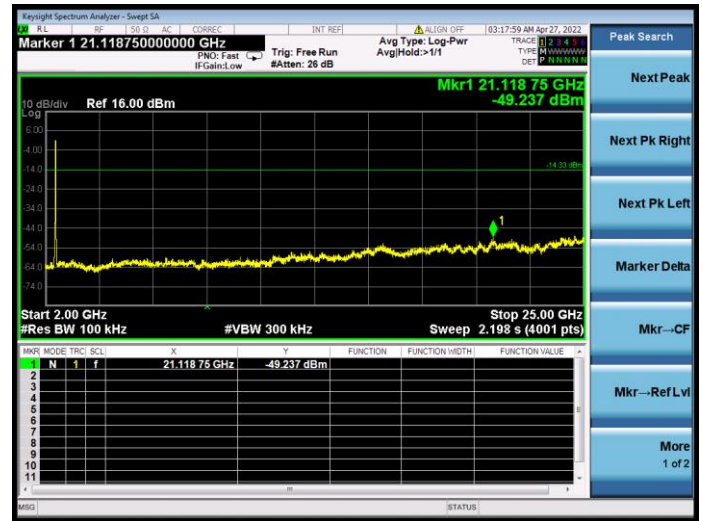
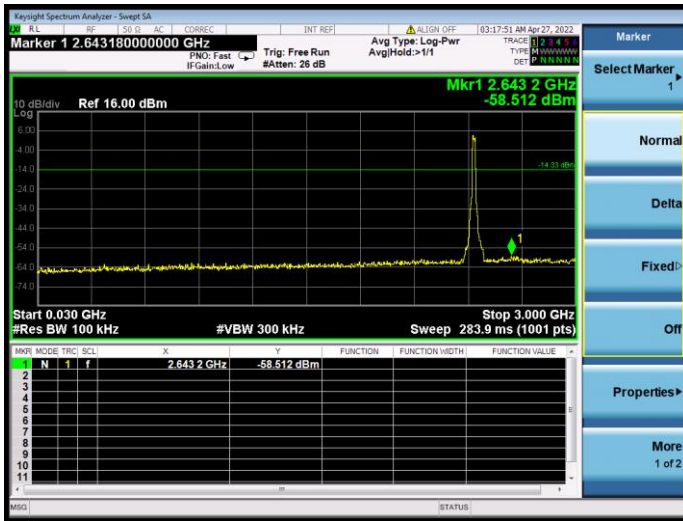


VHT(20 MHz) CHANNEL 6 CARRIER LEVEL

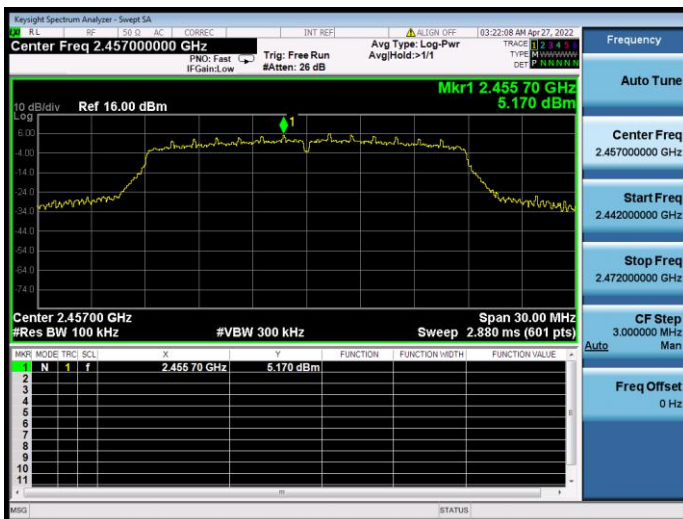


VHT(20 MHz) CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz

VHT(20 MHz) CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz



VHT(20 MHz) CHANNEL 10 CARRIER LEVEL



Frequency

Auto Tune

Center Freq
2.457000000 GHz

Start Freq
2.442000000 GHz

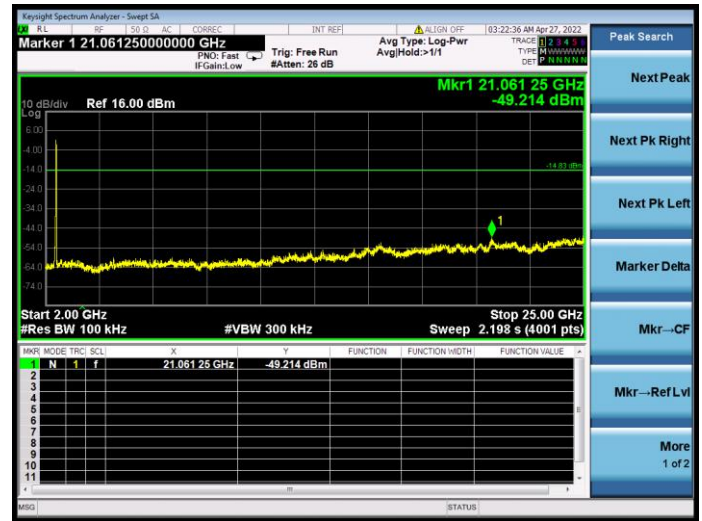
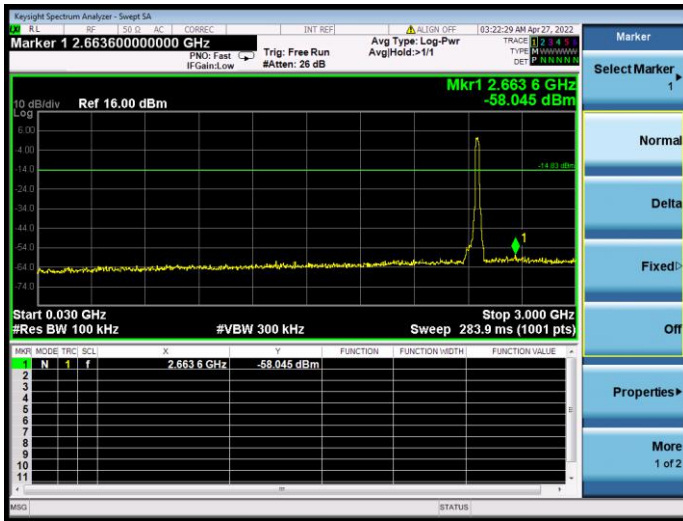
Stop Freq
2.472000000 GHz

CF Step
3.000000 MHz
Auto

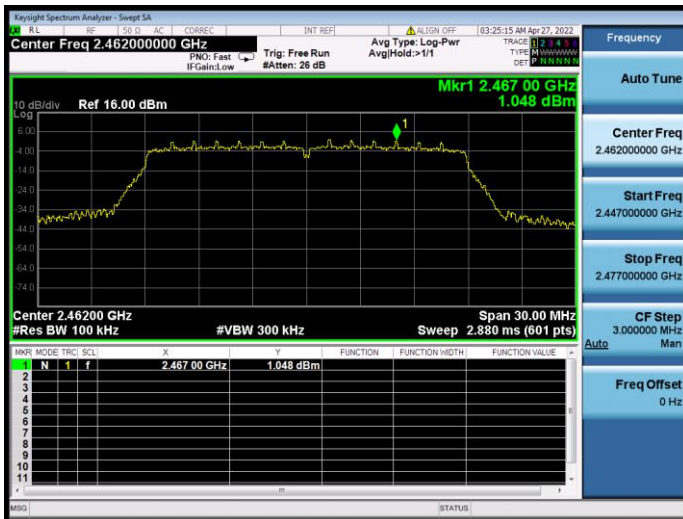
Freq Offset
0 Hz

VHT(20 MHz) CHANNEL 10, SPURIOUS
30 MHz ~ 3 GHz

VHT(20 MHz) CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz

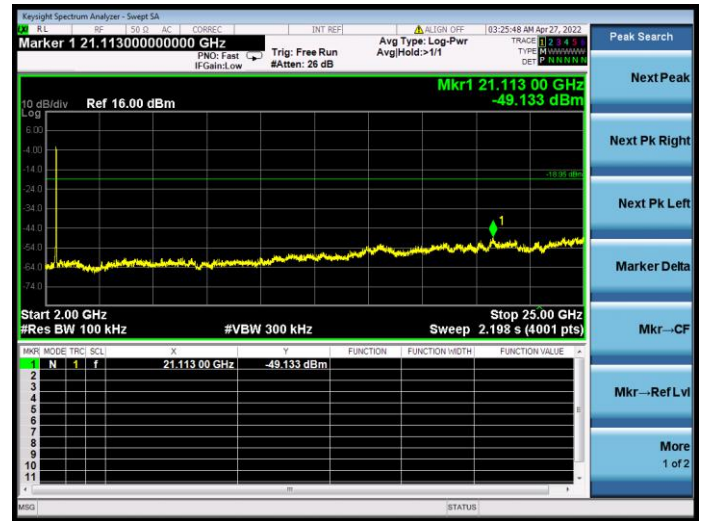
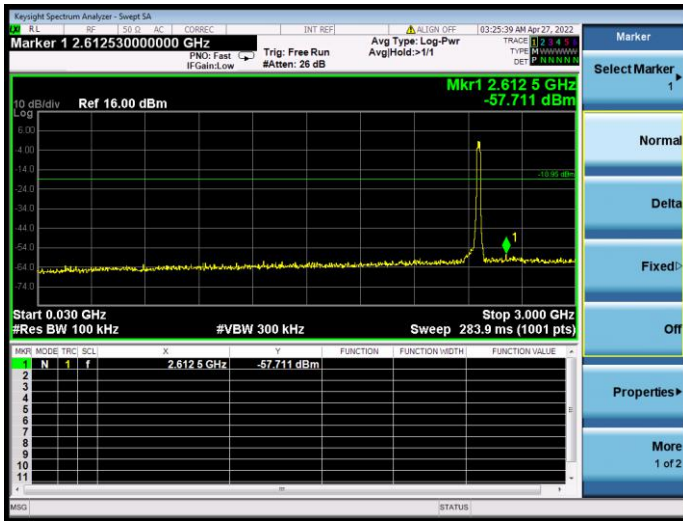


VHT(20 MHz) CHANNEL 11 CARRIER LEVEL

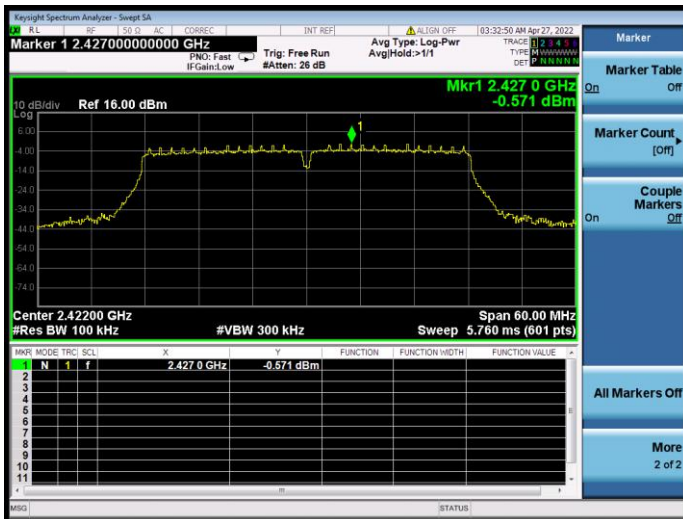


VHT(20 MHz) CHANNEL 11, SPURIOUS
30 MHz ~ 3 GHz

VHT(20 MHz) CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz

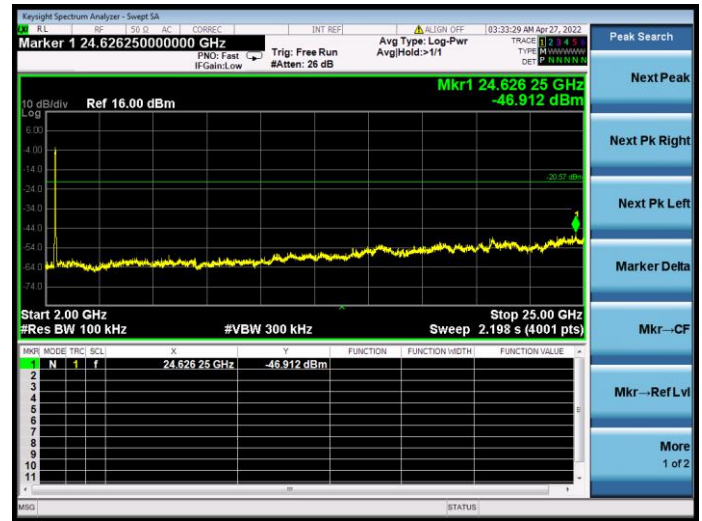
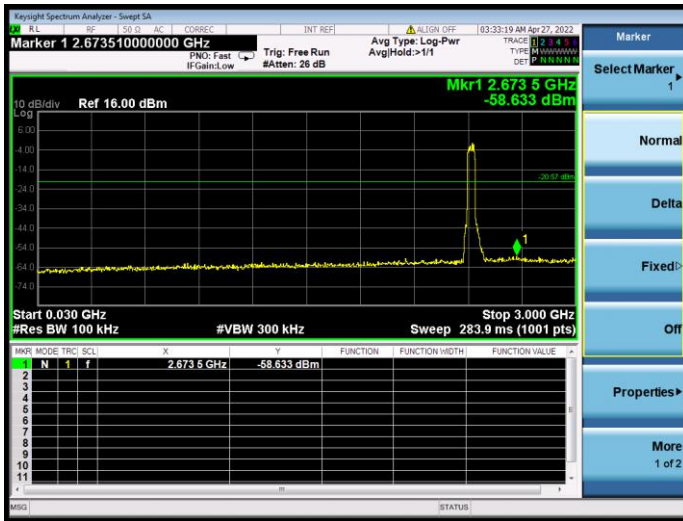


VHT(40 MHz) CHANNEL 3 CARRIER LEVEL

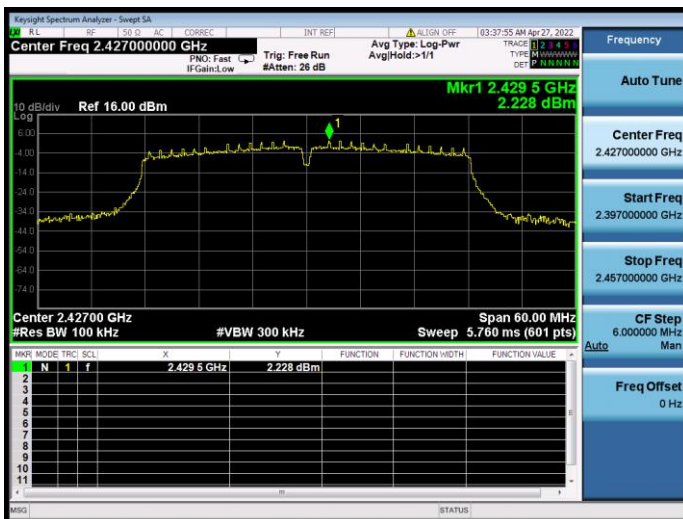


VHT(40 MHz) CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz

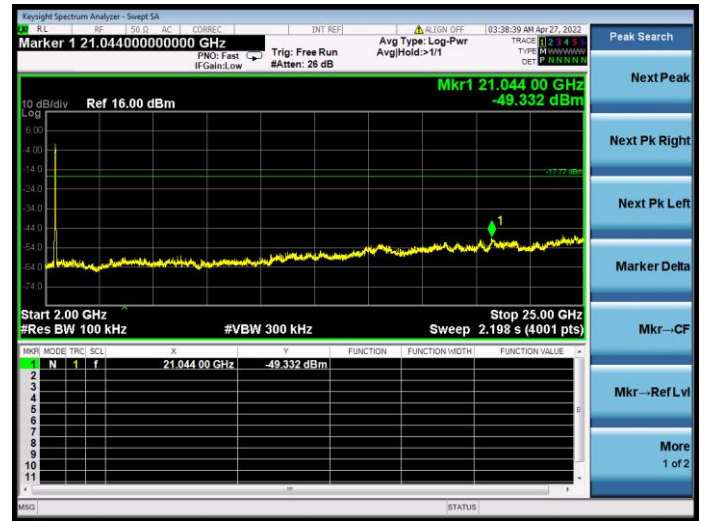
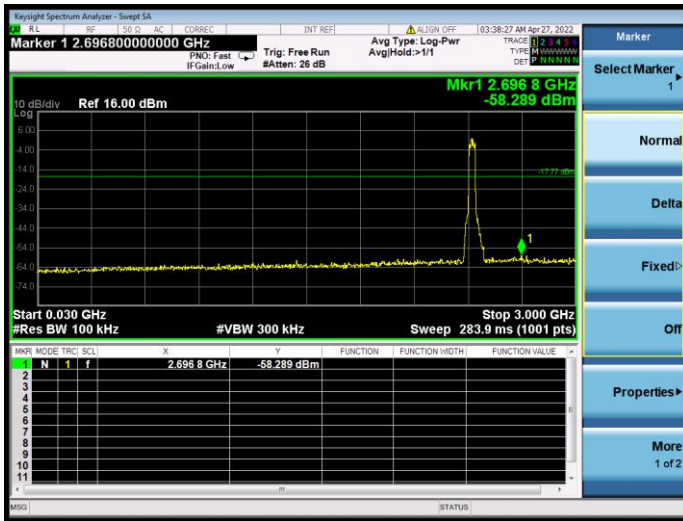


VHT(40 MHz) CHANNEL 4 CARRIER LEVEL

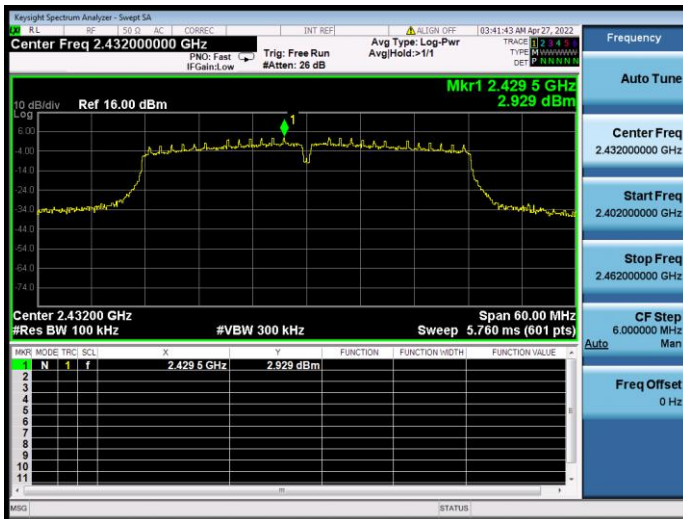


VHT(40 MHz) CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz



VHT(40 MHz) CHANNEL 5 CARRIER LEVEL



Frequency

Auto Tune

Center Freq
2.432000000 GHz

Start Freq
2.402000000 GHz

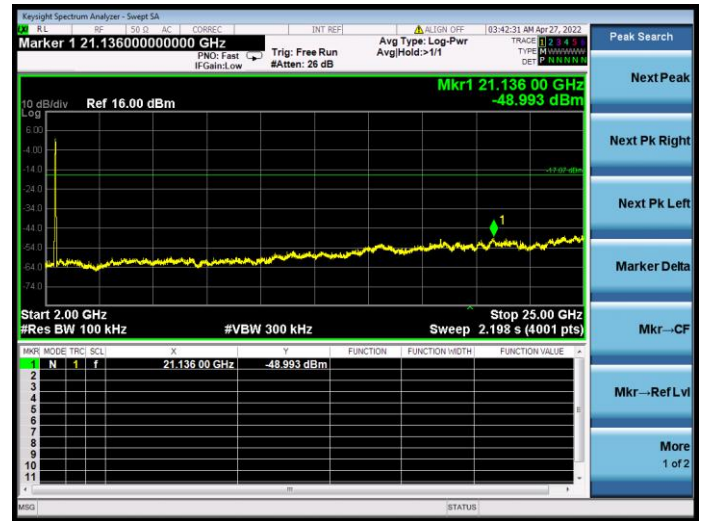
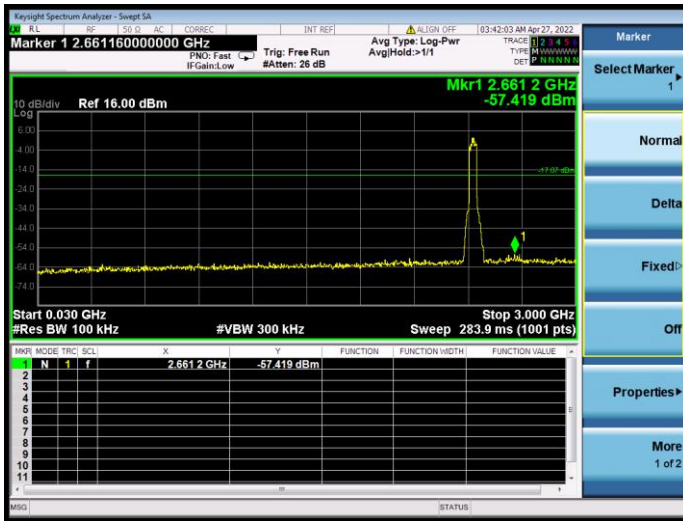
Stop Freq
2.462000000 GHz

CF Step
6.000000 MHz
Man

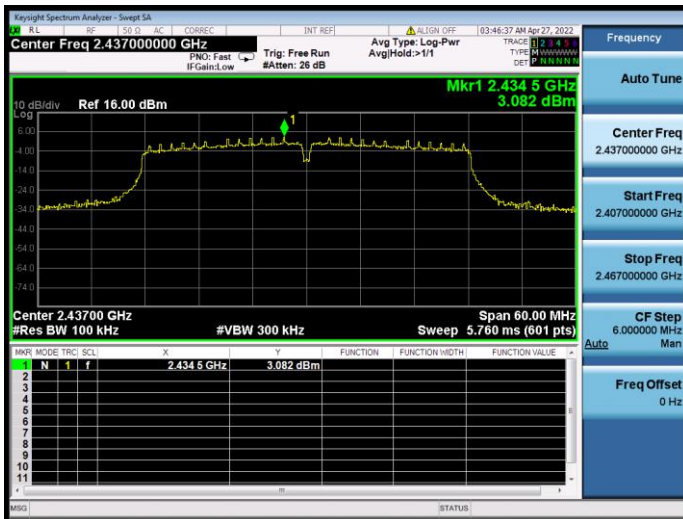
Freq Offset
0 Hz

VHT(40 MHz) CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz



VHT(40 MHz) CHANNEL 6 CARRIER LEVEL



Frequency

Auto Tune

Center Freq
2.437000000 GHz

Start Freq
2.407000000 GHz

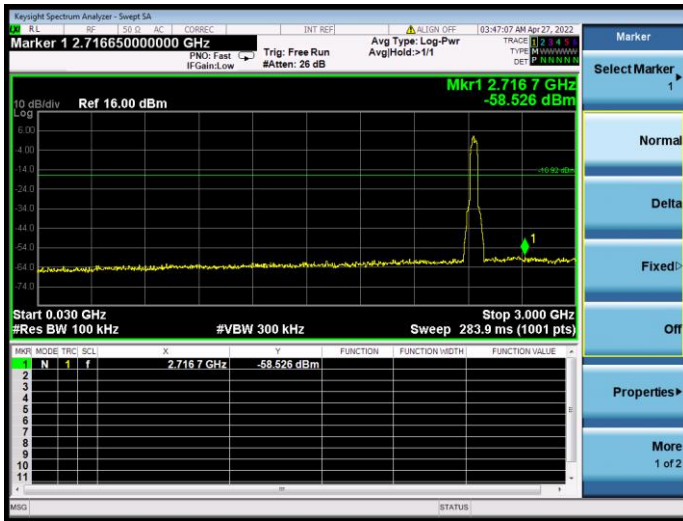
Stop Freq
2.467000000 GHz

CF Step
6.000000 MHz
Man

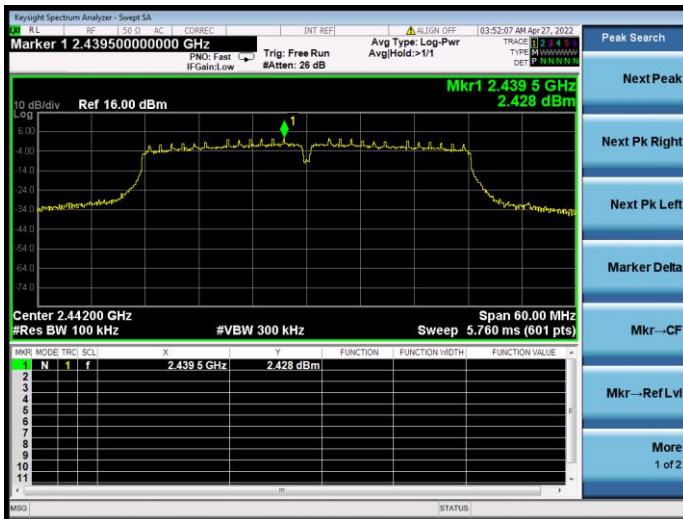
Freq Offset
0 Hz

VHT(40 MHz) CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz

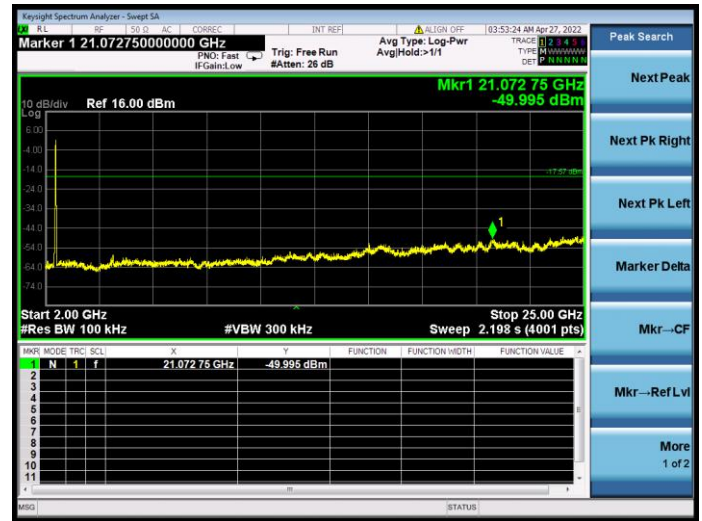
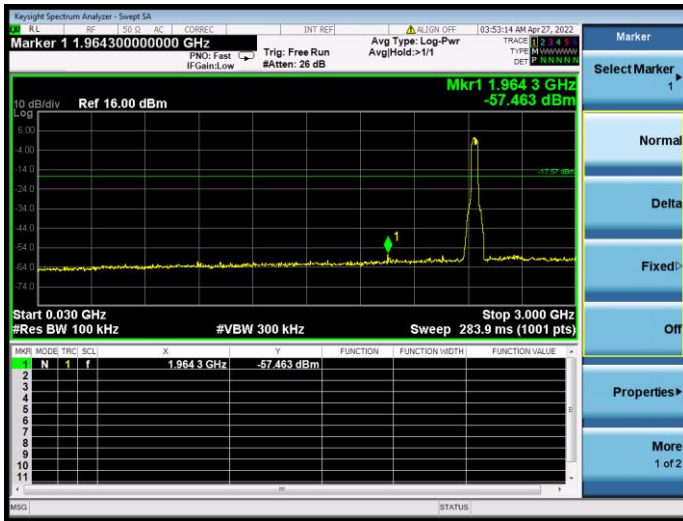


VHT(40 MHz) CHANNEL 7 CARRIER LEVEL

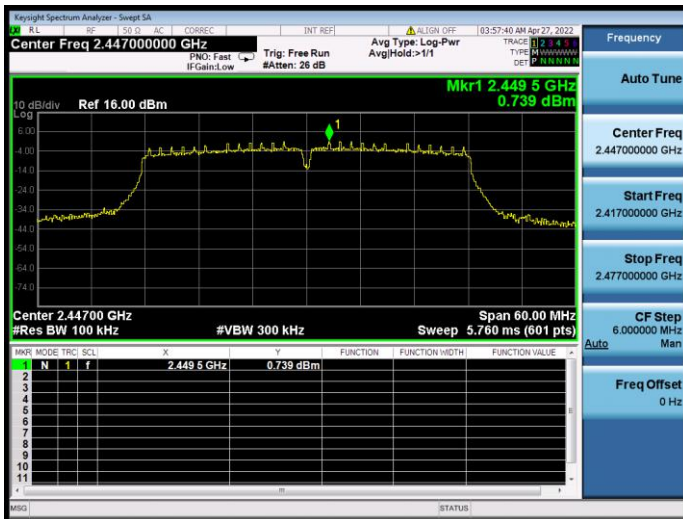


VHT(40 MHz) CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz



VHT(40 MHz) CHANNEL 8 CARRIER LEVEL



Frequency

Auto Tune

Center Freq
2.447000000 GHz

Start Freq
2.417000000 GHz

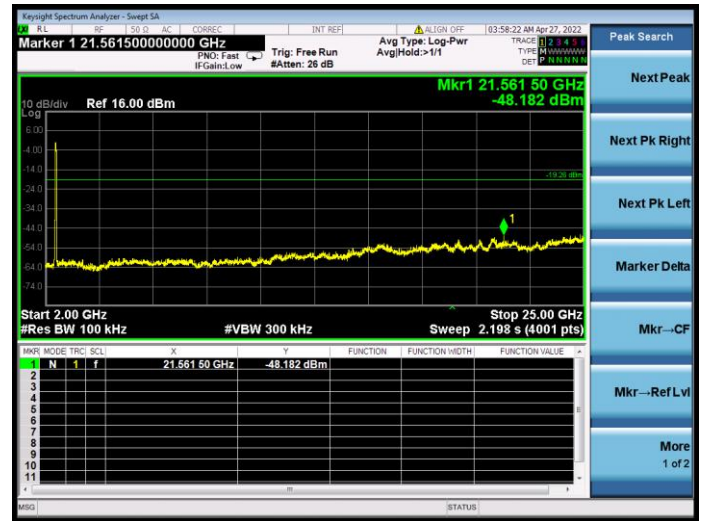
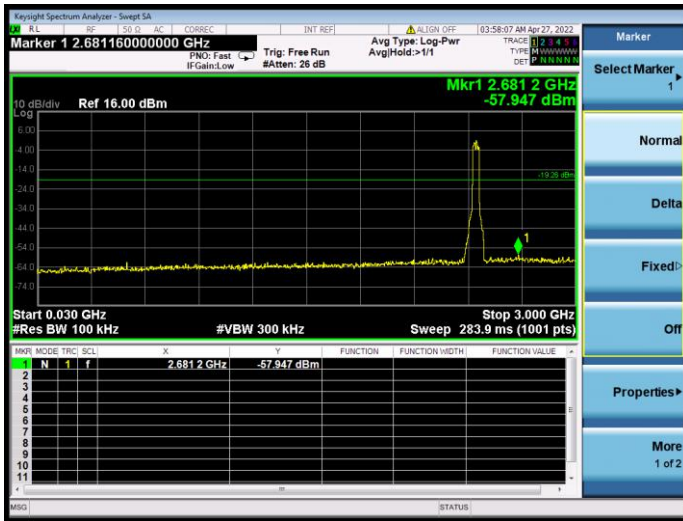
Stop Freq
2.477000000 GHz

CF Step
6.000000 MHz
Auto

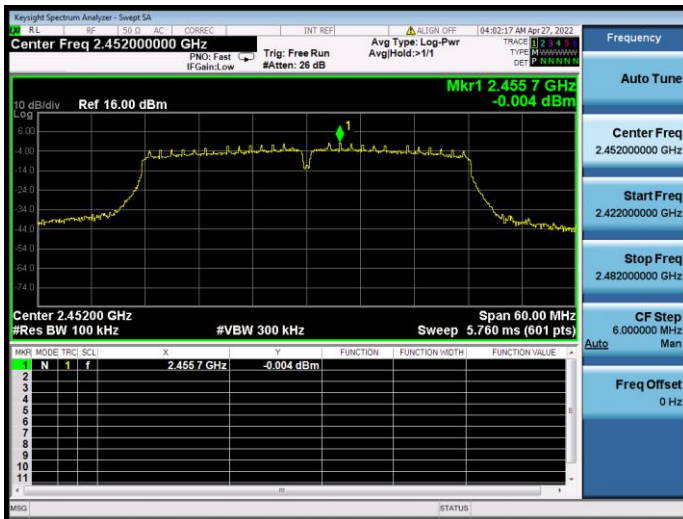
Freq Offset
0 Hz

VHT(40 MHz) CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 MHz) CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz



VHT(40 MHz) CHANNEL 9 CARRIER LEVEL



Frequency

Auto Tune

Center Freq
2.45200000 GHz

Start Freq
2.42200000 GHz

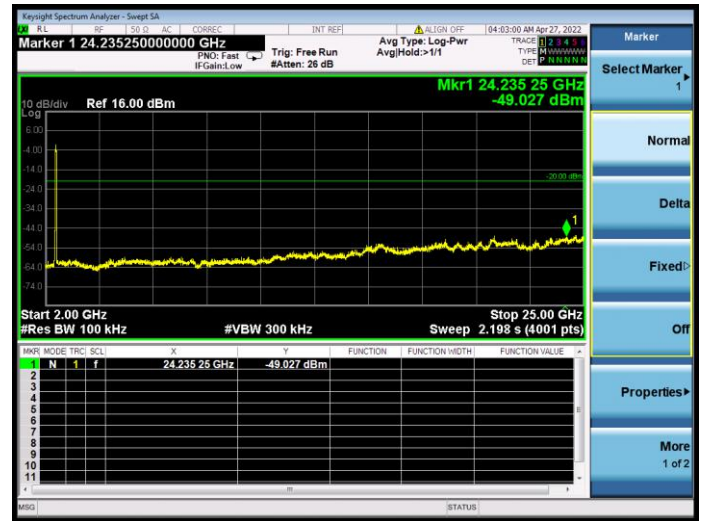
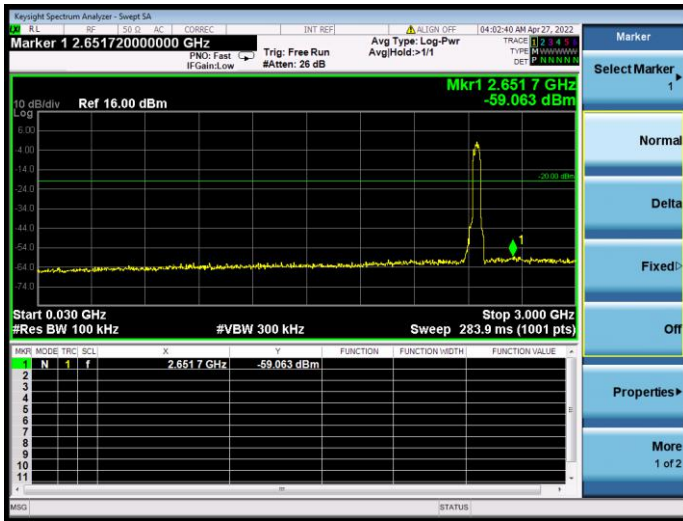
Stop Freq
2.48200000 GHz

CF Step
6.000000 MHz
Auto

Freq Offset
0 Hz

VHT(40 MHz) CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

VHT(40 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	
1	-47.19	5.75	-14.25	Pass
2	-54.36	6.08	-13.92	Pass
3	-56.88	4.88	-15.12	Pass
4	-56.60	6.13	-13.87	Pass
5	-56.27	6.32	-13.68	Pass
7	-56.79	6.25	-13.75	Pass
8	-56.85	5.62	-14.38	Pass
9	-56.97	5.56	-14.44	Pass
10	-57.21	4.34	-15.66	Pass
11	-56.97	4.25	-15.75	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-33.64	3.87	-16.13	Pass
2	-36.13	4.71	-15.29	Pass
10	-51.45	5.76	-14.24	Pass
11	-52.15	2.25	-17.75	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-37.73	2.03	-17.97	Pass
2	-35.51	4.56	-15.44	Pass
10	-51.14	5.45	-14.55	Pass
11	-51.59	2.31	-17.69	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-40.77	-1.18	-21.18	Pass
4	-39.06	2.08	-17.92	Pass
5	-37.47	3.08	-16.92	Pass
7	-46.15	2.21	-17.79	Pass
8	-47.63	0.38	-19.62	Pass
9	-48.16	-0.16	-20.16	Pass

VHT(20 MHz) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
1	-37.90	2.51	-17.49	Pass
2	-35.27	4.54	-15.46	Pass
10	-51.58	5.17	-14.83	Pass
11	-52.17	1.05	-18.95	Pass

VHT(40 MHz) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
3	-40.09	-0.57	-20.57	Pass
4	-39.96	2.23	-17.77	Pass
5	-38.22	2.93	-17.07	Pass
7	-45.64	2.43	-17.57	Pass
8	-47.41	0.74	-19.26	Pass
9	-47.55	0.00	-20.00	Pass

Test Plots

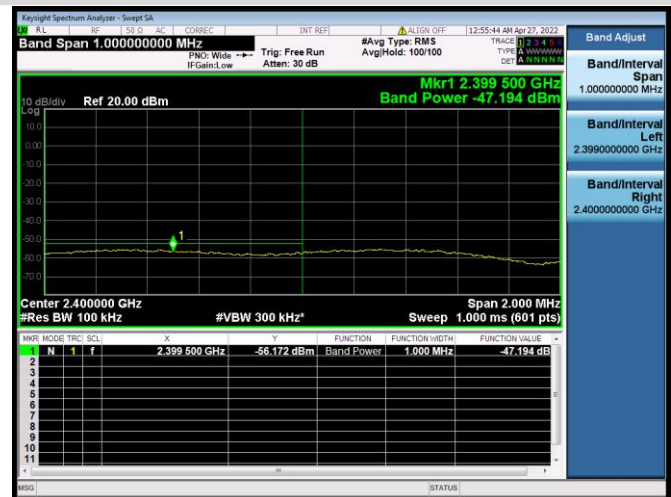
802.11b CHANNEL 1, CARRIER LEVEL



802.11b CHANNEL 1, REFERENCE LEVEL



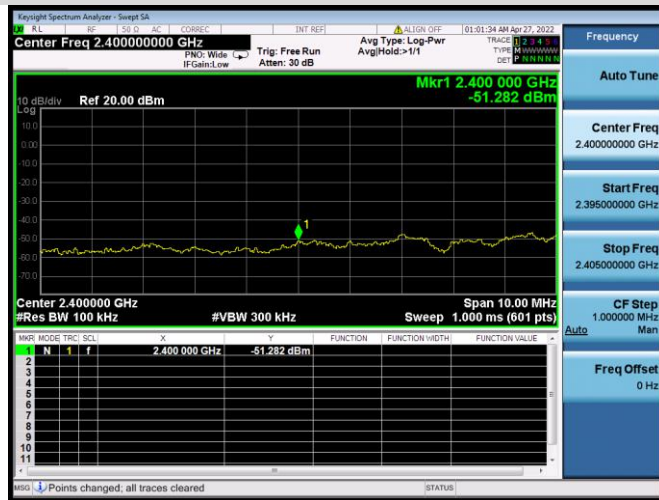
802.11b CHANNEL 1, BAND EDGE



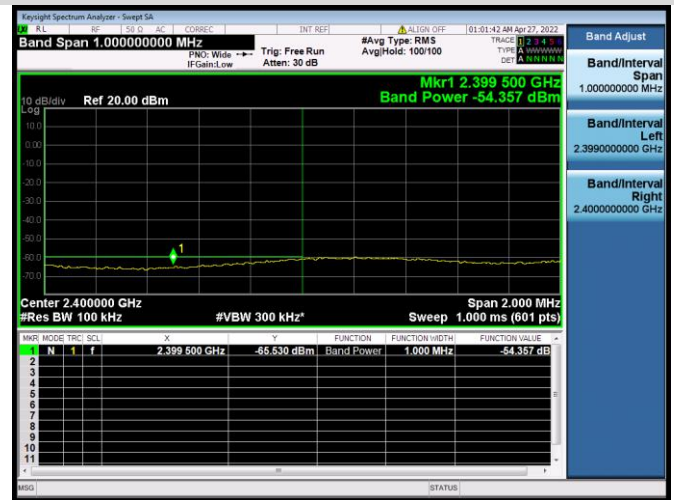
802.11b CHANNEL 2, CARRIER LEVEL



802.11b CHANNEL 2, REFERENCE LEVEL



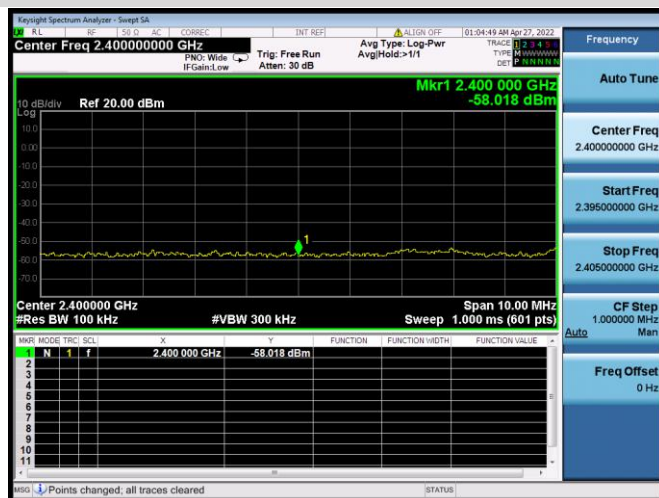
802.11b CHANNEL 2, BAND EDGE



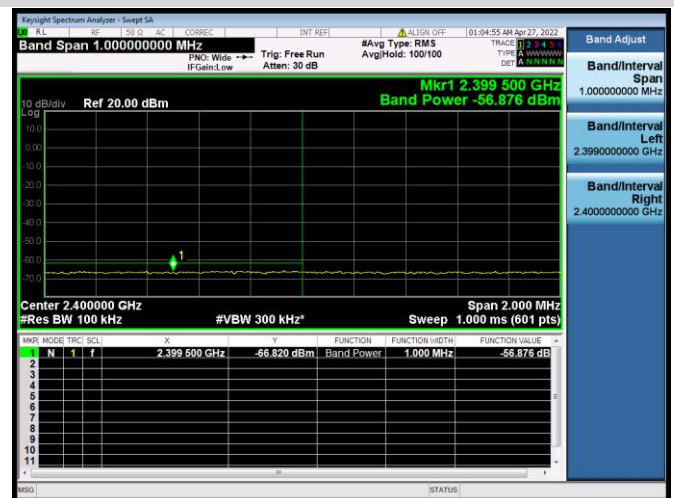
802.11b CHANNEL 3, CARRIER LEVEL



802.11b CHANNEL 3, REFERENCE LEVEL



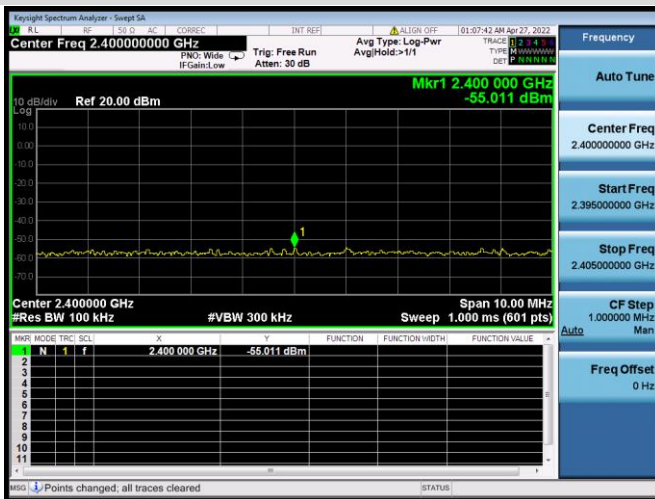
802.11b CHANNEL 3, BAND EDGE



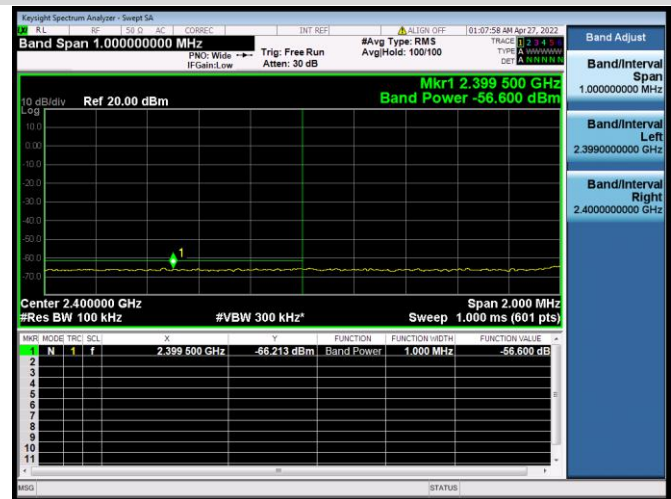
802.11b CHANNEL 4, CARRIER LEVEL



802.11b CHANNEL 4, REFERENCE LEVEL



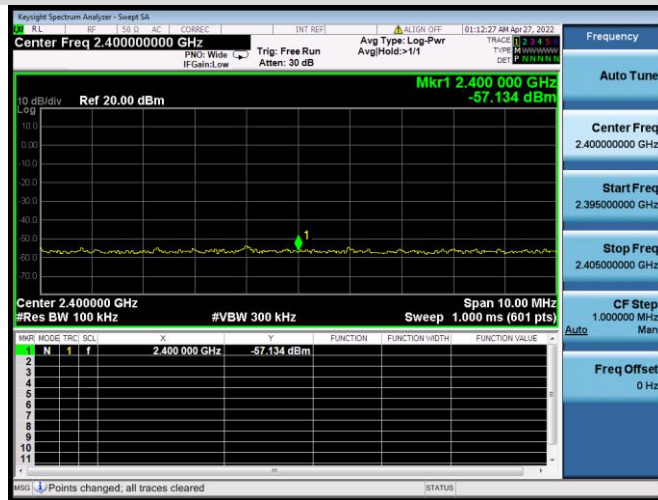
802.11b CHANNEL 4, BAND EDGE



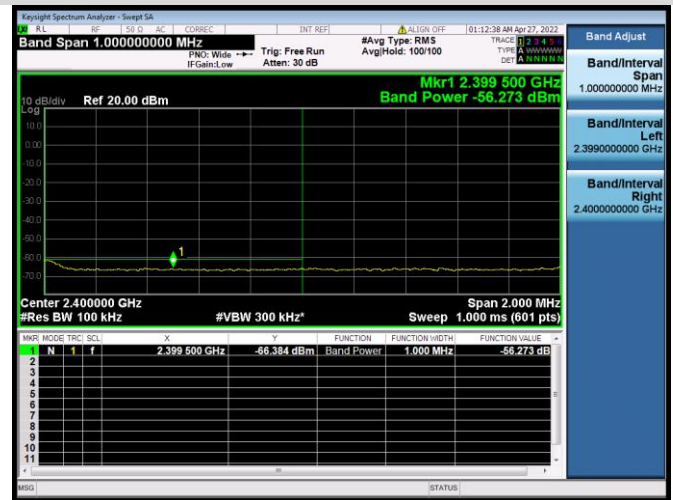
802.11b CHANNEL 5, CARRIER LEVEL



802.11b CHANNEL 5, REFERENCE LEVEL



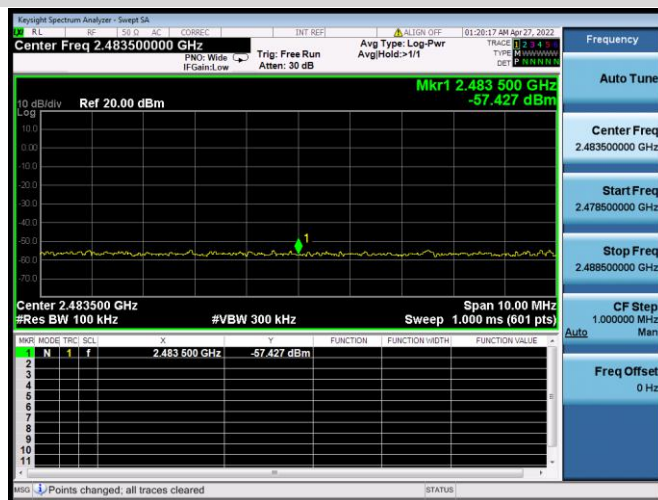
802.11b CHANNEL 5, BAND EDGE



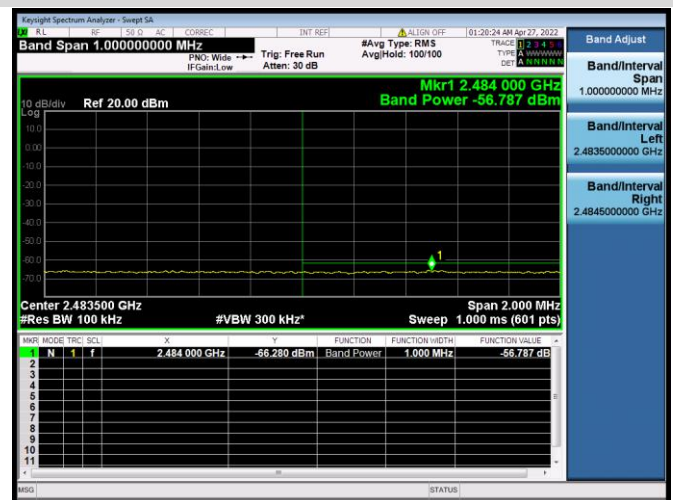
802.11b CHANNEL 7, CARRIER LEVEL



802.11b CHANNEL 7, REFERENCE LEVEL



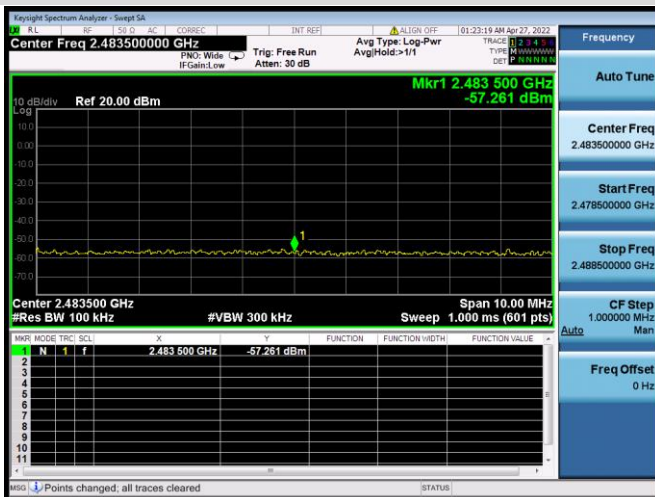
802.11b CHANNEL 7, BAND EDGE



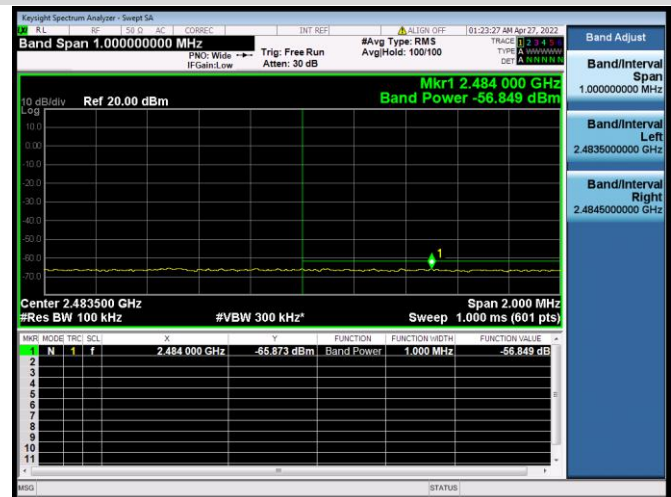
802.11b CHANNEL 8, CARRIER LEVEL



802.11b CHANNEL 8, REFERENCE LEVEL



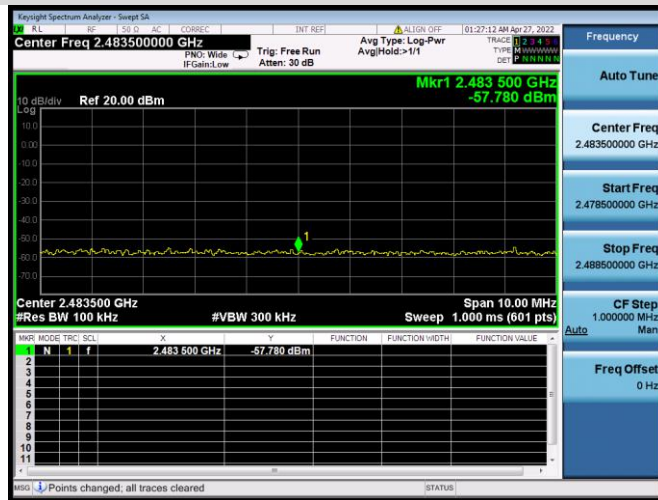
802.11b CHANNEL 8, BAND EDGE



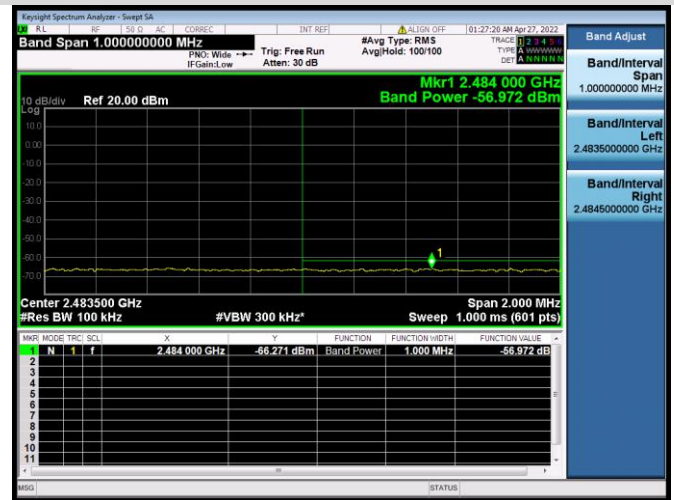
802.11b CHANNEL 9, CARRIER LEVEL



802.11b CHANNEL 9, REFERENCE LEVEL



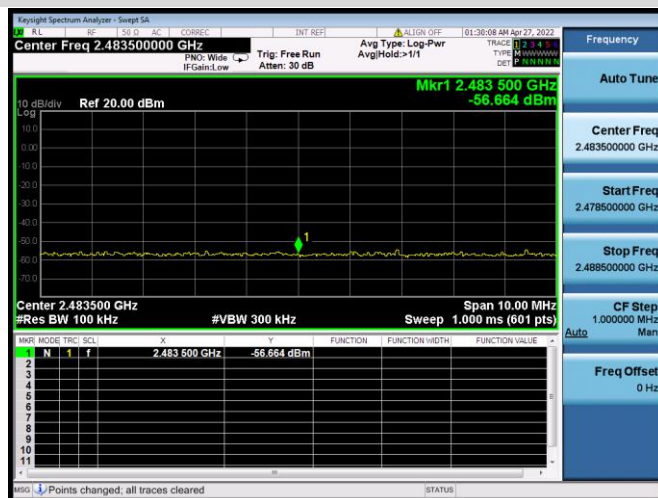
802.11b CHANNEL 9, BAND EDGE



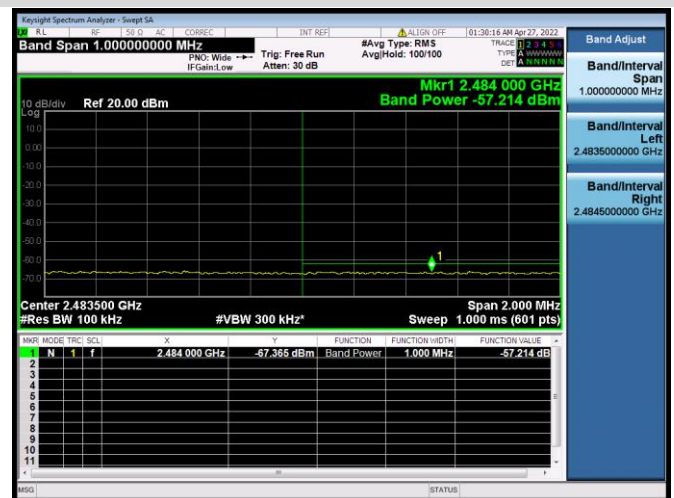
802.11b CHANNEL 10, CARRIER LEVEL



802.11b CHANNEL 10, REFERENCE LEVEL



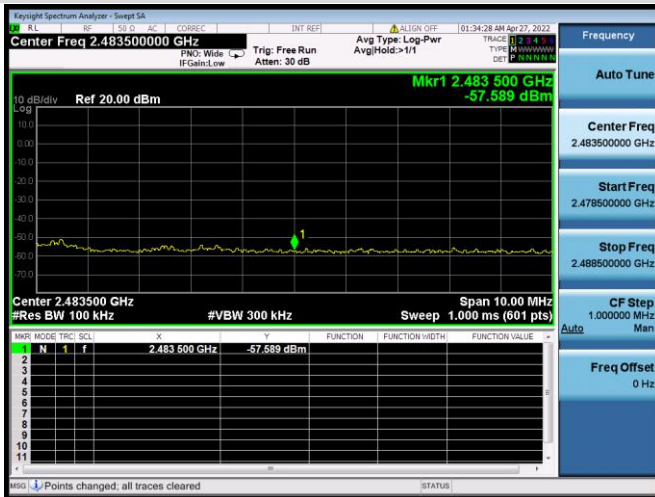
802.11b CHANNEL 10, BAND EDGE



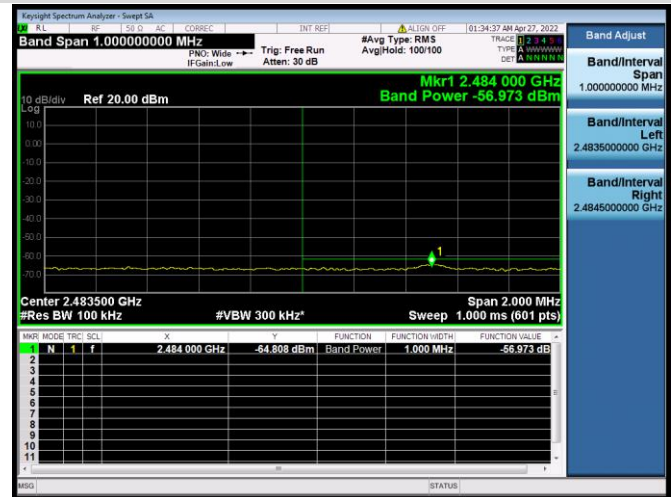
802.11b CHANNEL 11, CARRIER LEVEL



802.11b CHANNEL 11, REFERENCE LEVEL



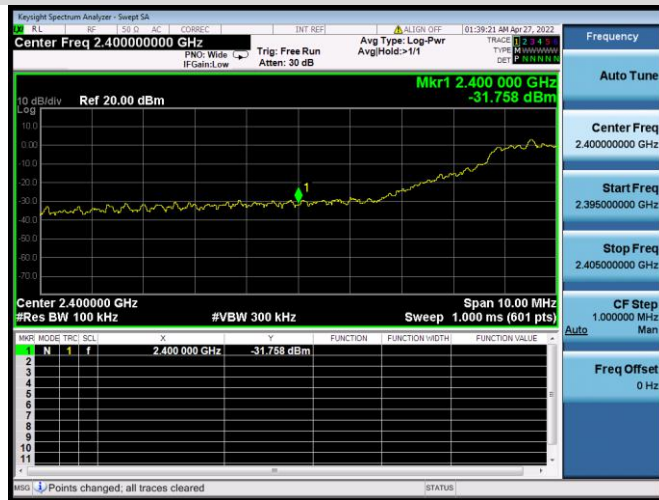
802.11b CHANNEL 11, BAND EDGE



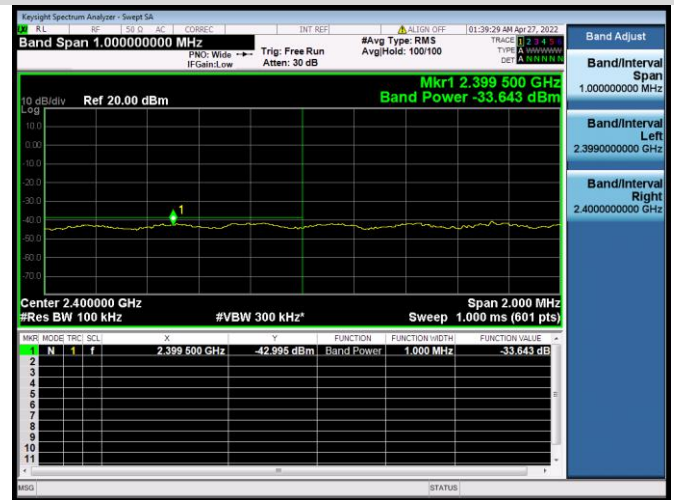
802.11g CHANNEL 1, CARRIER LEVEL



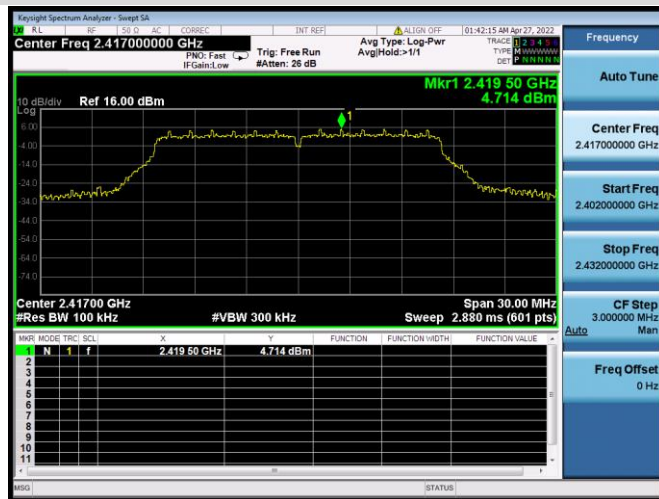
802.11g CHANNEL 1, REFERENCE LEVEL



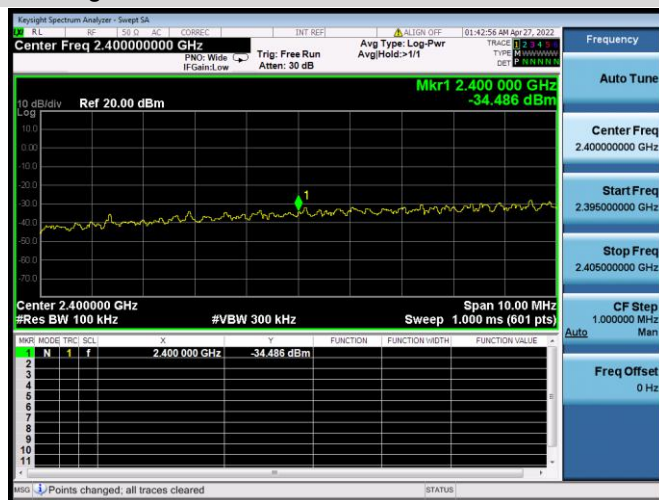
802.11g CHANNEL 1, BAND EDGE



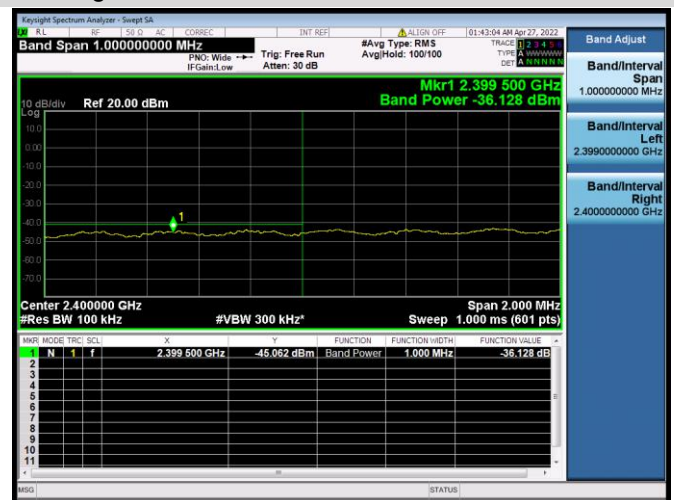
802.11g CHANNEL 2, CARRIER LEVEL



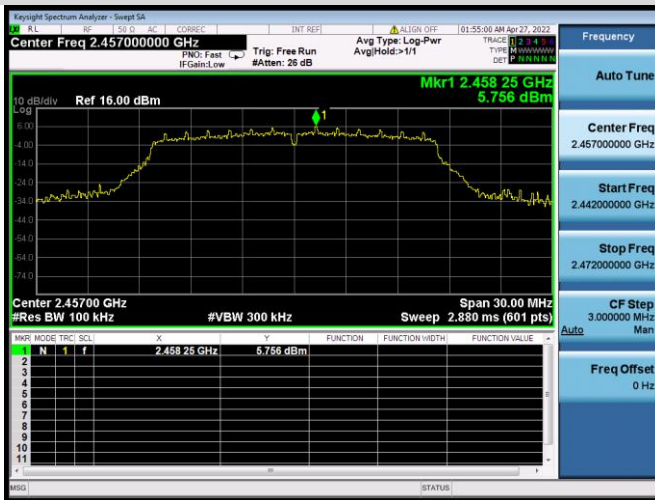
802.11g CHANNEL 2, REFERENCE LEVEL



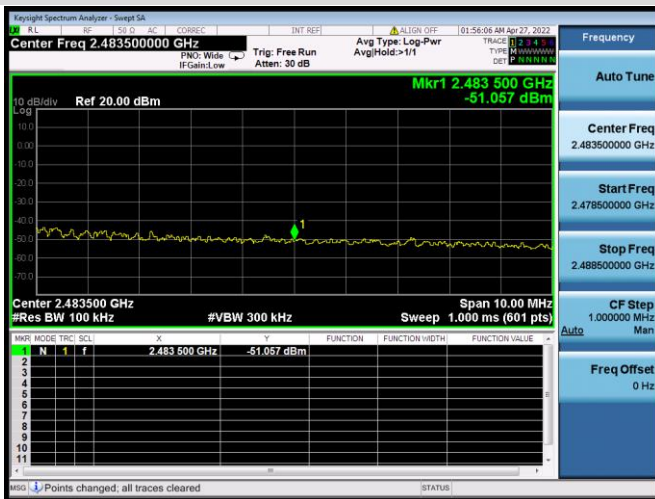
802.11g CHANNEL 2, BAND EDGE



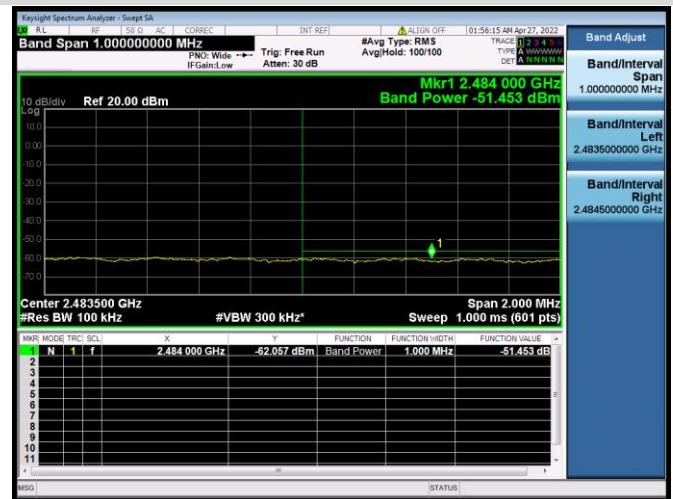
802.11g CHANNEL 10, CARRIER LEVEL



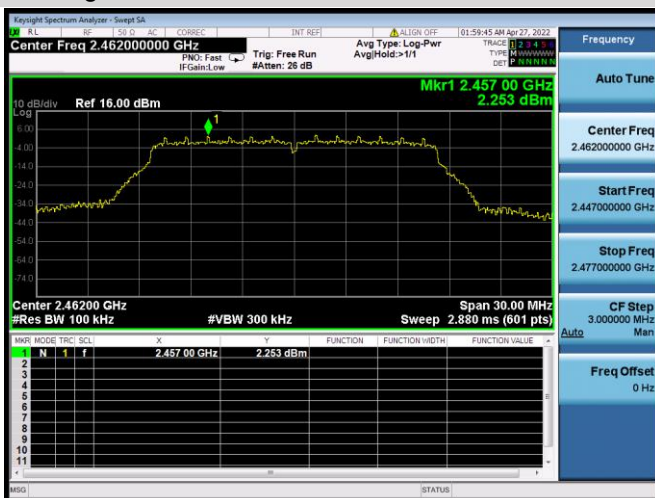
802.11g CHANNEL 10, REFERENCE LEVEL



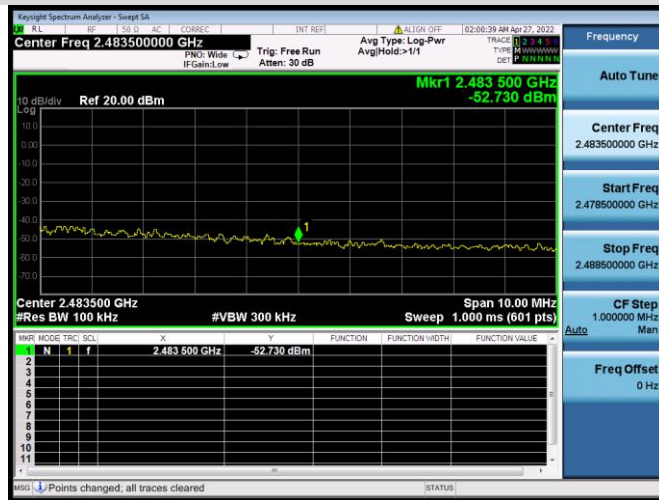
802.11g CHANNEL 10, BAND EDGE



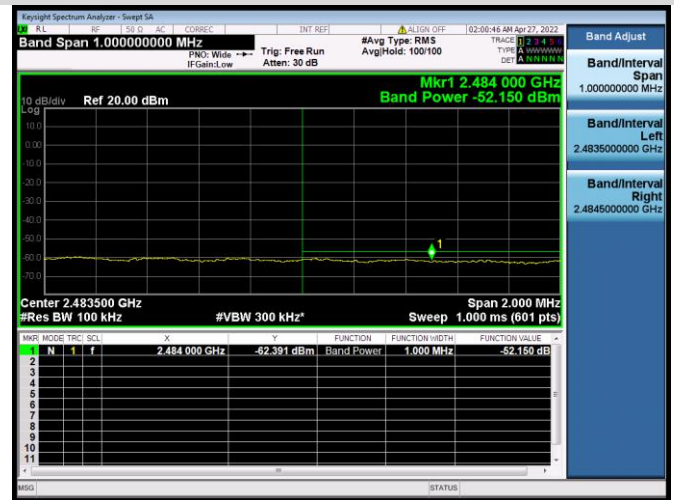
802.11g CHANNEL 11, CARRIER LEVEL



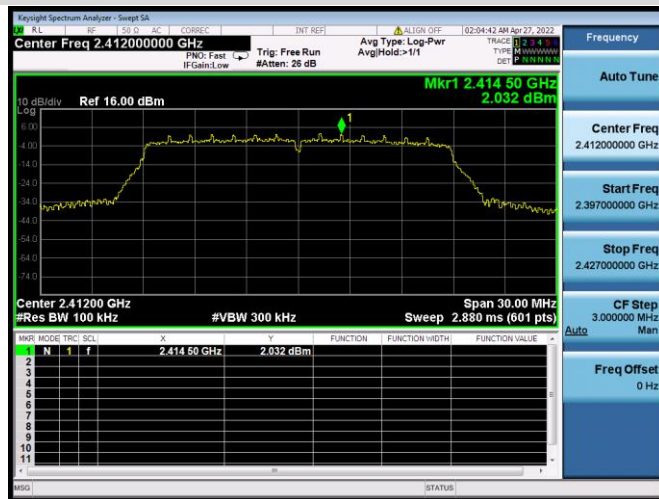
802.11g CHANNEL 11, REFERENCE LEVEL



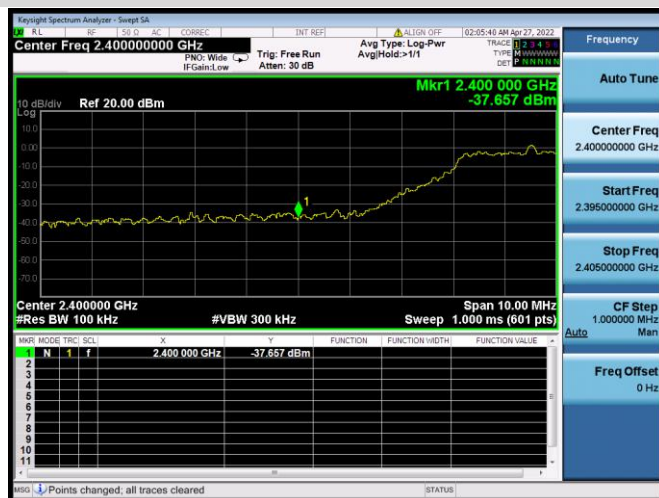
802.11g CHANNEL 11, BAND EDGE



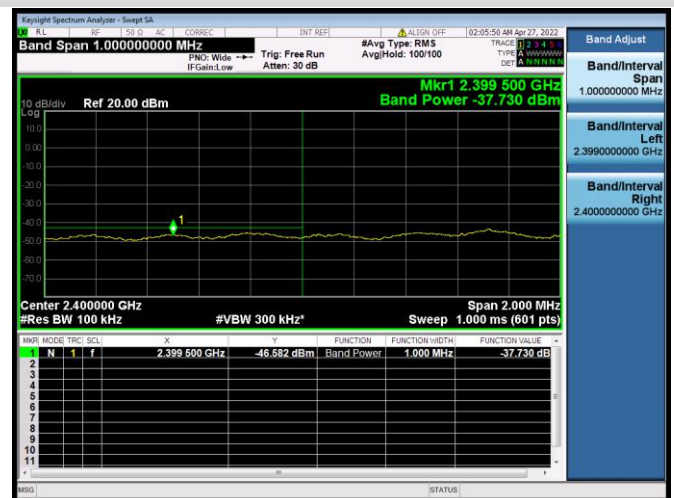
802.11n-20 MHz CHANNEL 1, CARRIER LEVEL



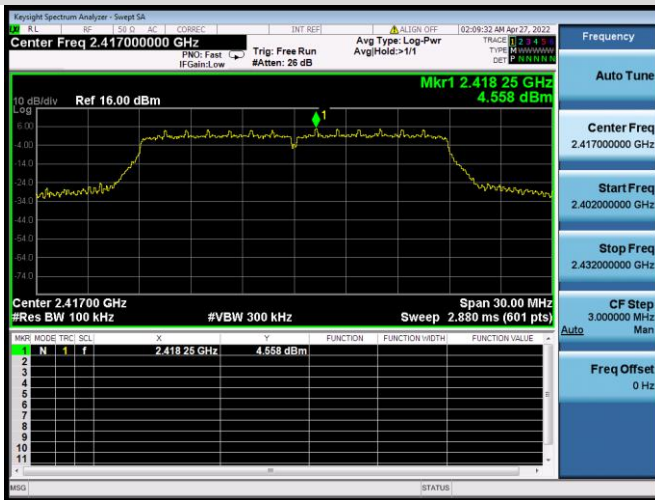
802.11n-20 MHz CHANNEL 1, REFERENCE LEVEL



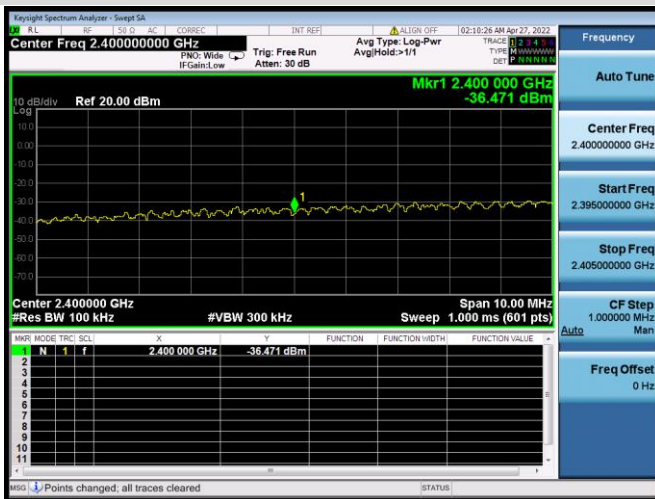
802.11n-20 MHz CHANNEL 1, BAND EDGE



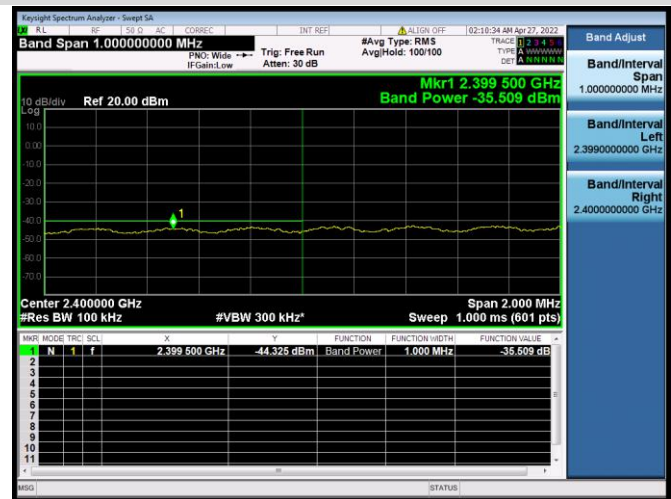
802.11n-20 MHz CHANNEL 2, CARRIER LEVEL



802.11n-20 MHz CHANNEL 2, REFERENCE LEVEL



802.11n-20 MHz CHANNEL 2, BAND EDGE



802.11n-20 MHz CHANNEL 10, CARRIER LEVEL

