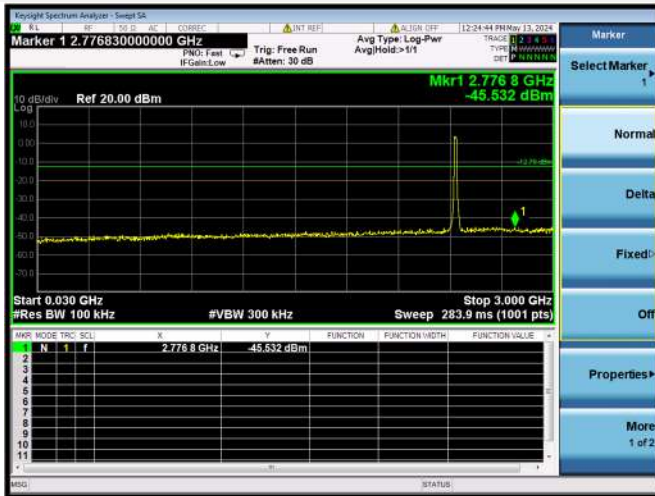


802.11g CH6, SPURIOUS  
30 MHz ~ 3 GHz



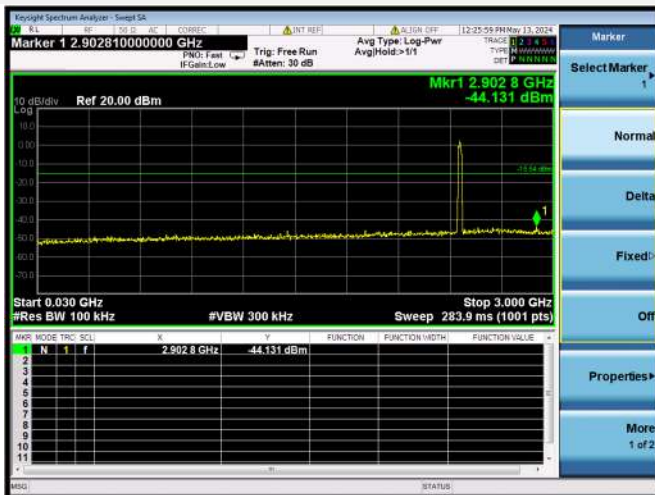
802.11g CH6, SPURIOUS  
2 GHz ~ 25 GHz



802.11g CH11 CARRIER LEVEL



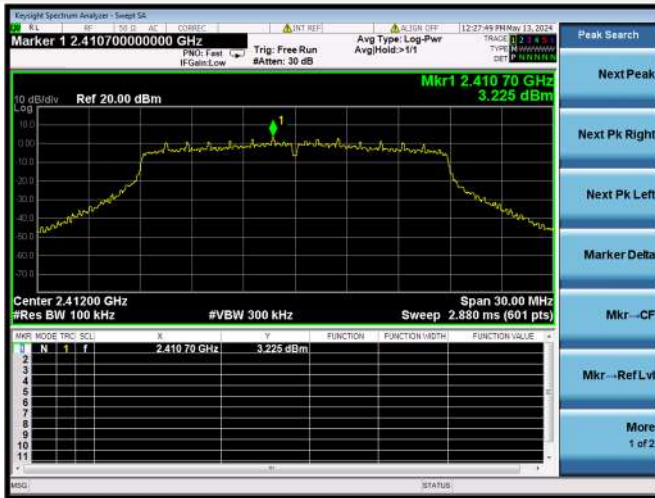
802.11g CH11, SPURIOUS  
30 MHz ~ 3 GHz



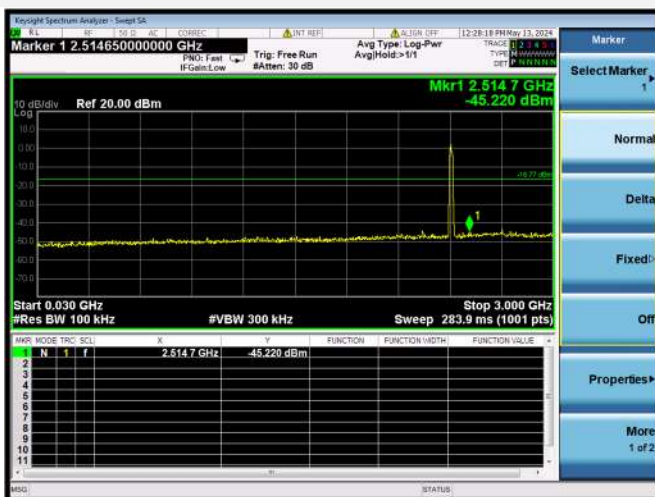
802.11g CH11, SPURIOUS  
2 GHz ~ 25 GHz



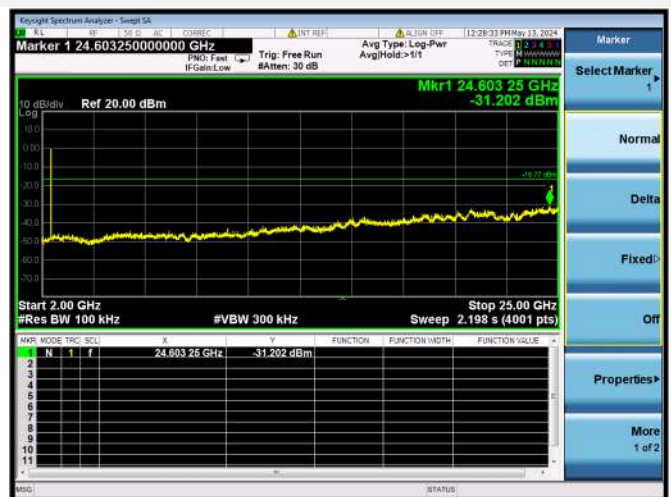
802.11n-20 MHz CH1 CARRIER LEVEL



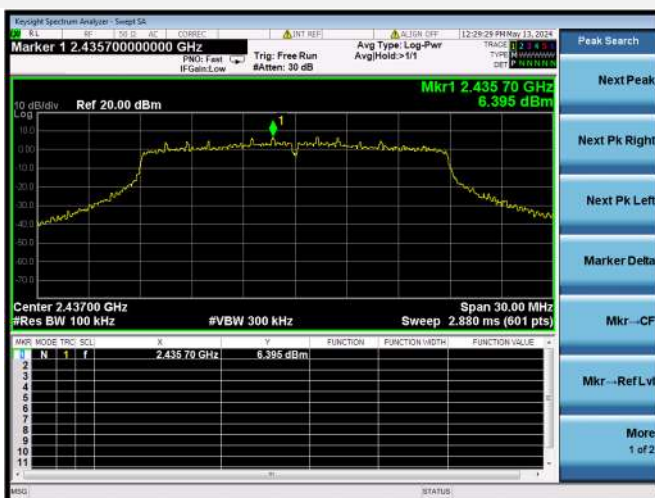
802.11n-20 MHz CH1, SPURIOUS  
 30 MHz ~ 3 GHz



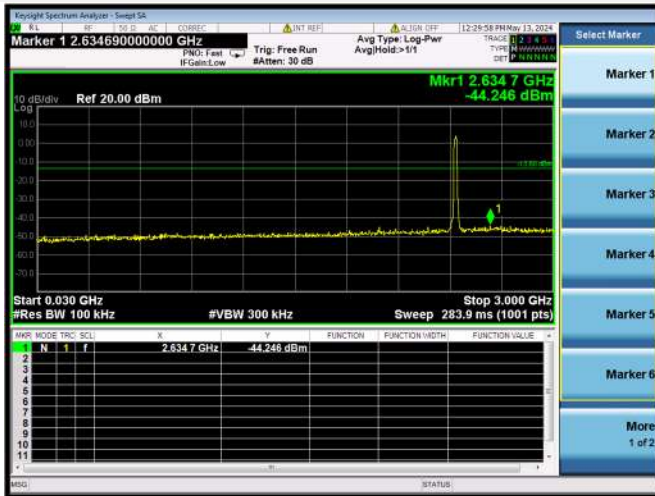
802.11n-20 MHz CH1, SPURIOUS  
 2 GHz ~ 25 GHz



802.11n-20 MHz CH6 CARRIER LEVEL



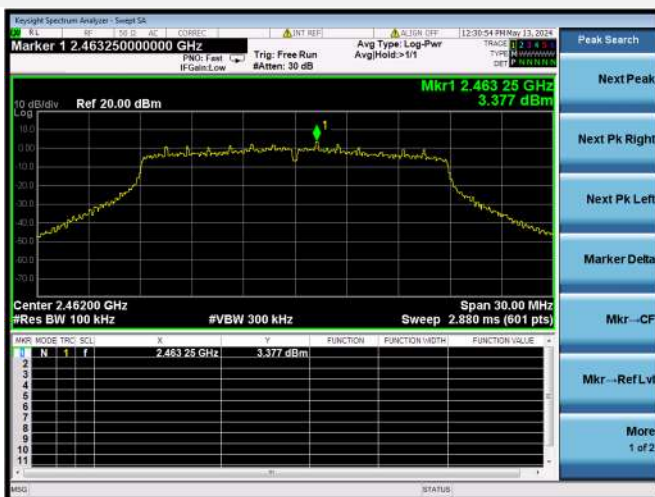
802.11n-20 MHz CH6, SPURIOUS  
30 MHz ~ 3 GHz



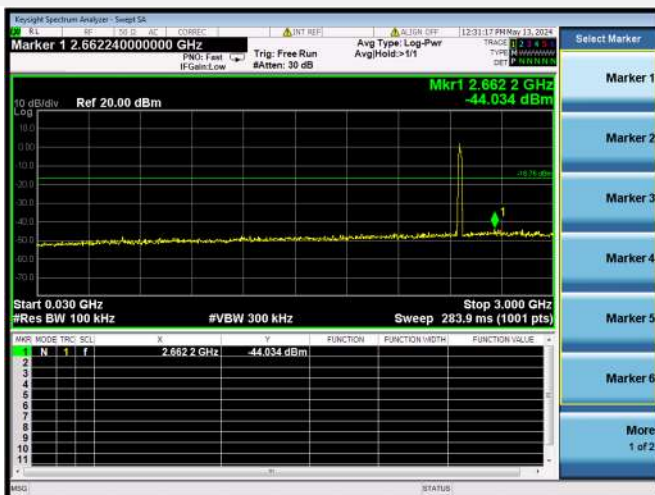
802.11n-20 MHz CH6, SPURIOUS  
2 GHz ~ 25 GHz



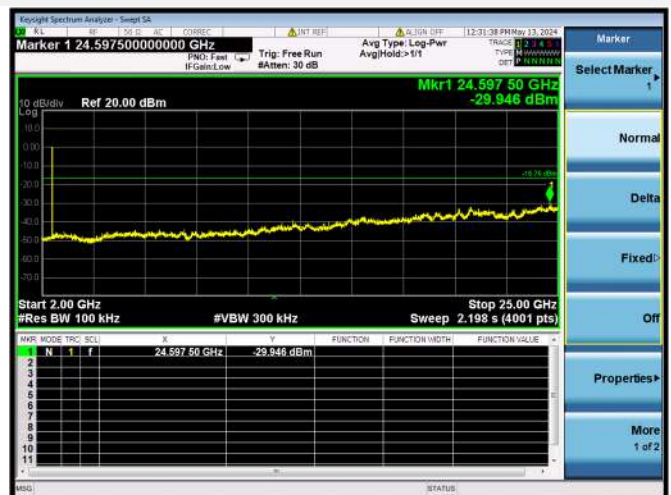
802.11n-20 MHz CH11 CARRIER LEVEL



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

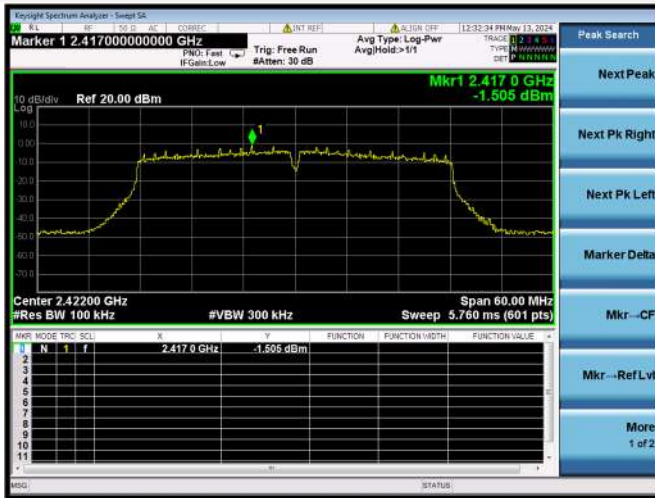


802.11n-20 MHz CH11, SPURIOUS  
2 GHz ~ 25 GHz

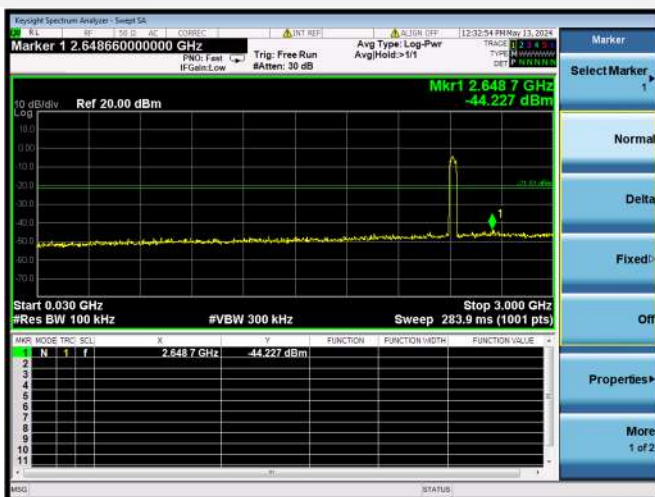




802.11n-40 MHz CH3 CARRIER LEVEL



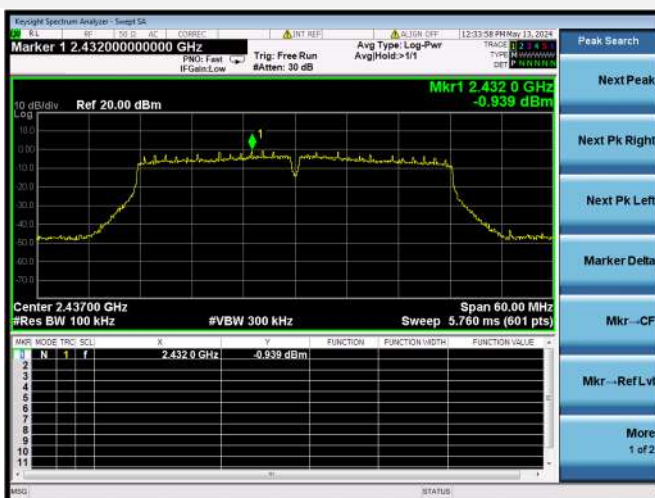
802.11n-40 MHz CH3, SPURIOUS  
30 MHz ~ 3 GHz



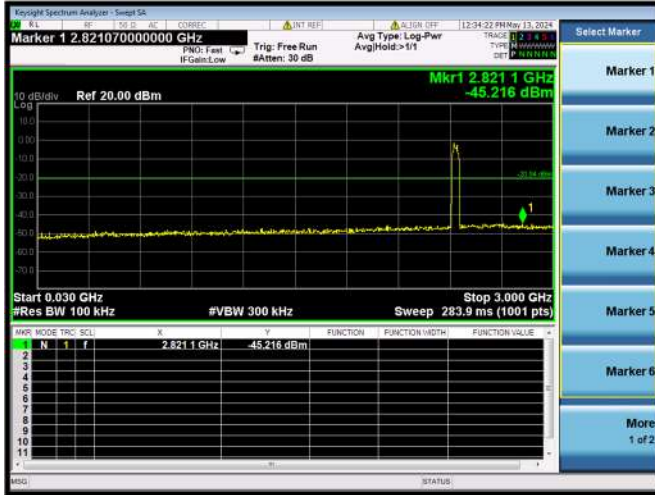
802.11n-40 MHz CH3, SPURIOUS  
2 GHz ~ 25 GHz



802.11n-40 MHz CH6 CARRIER LEVEL



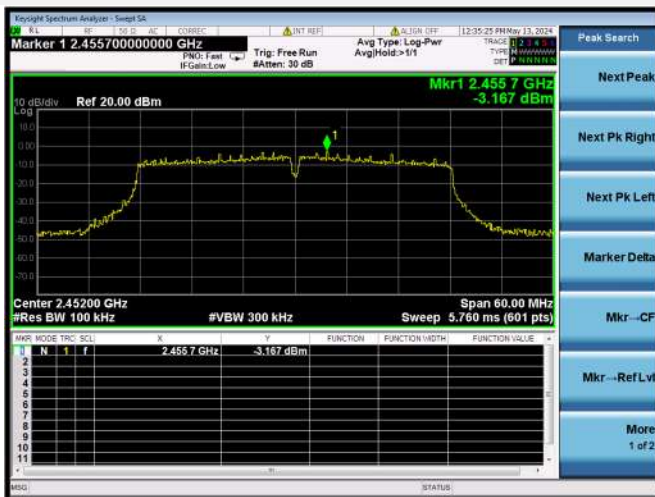
802.11n-40 MHz CH6, SPURIOUS  
30 MHz ~ 3 GHz



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



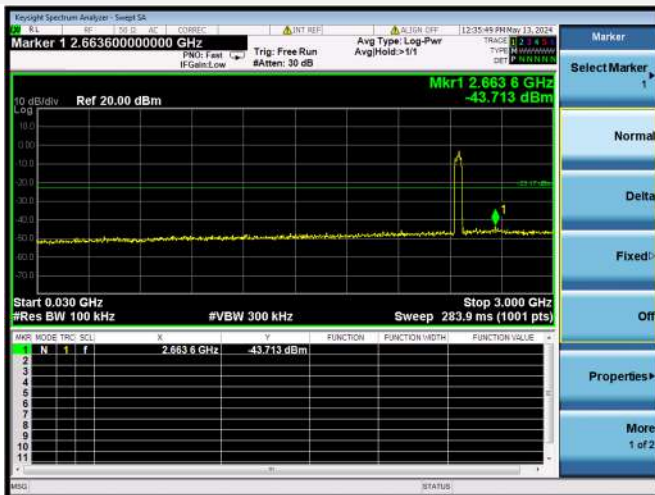
802.11n-40 MHz CH9 CARRIER LEVEL



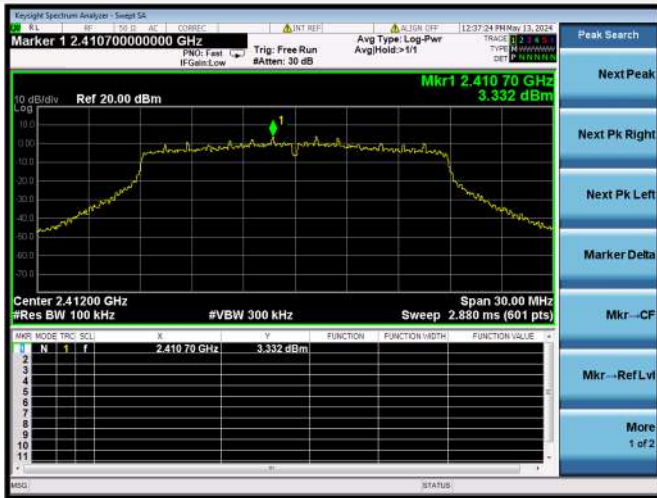
802.11n-40 MHz CH9, SPURIOUS  
2 GHz ~ 25 GHz



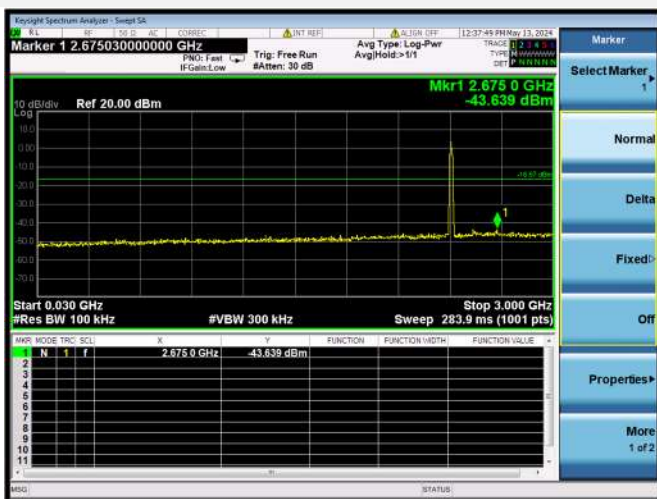
802.11n-40 MHz CH9, SPURIOUS  
30 MHz ~ 3 GHz



802.11n-40 MHz CH1 CARRIER LEVEL



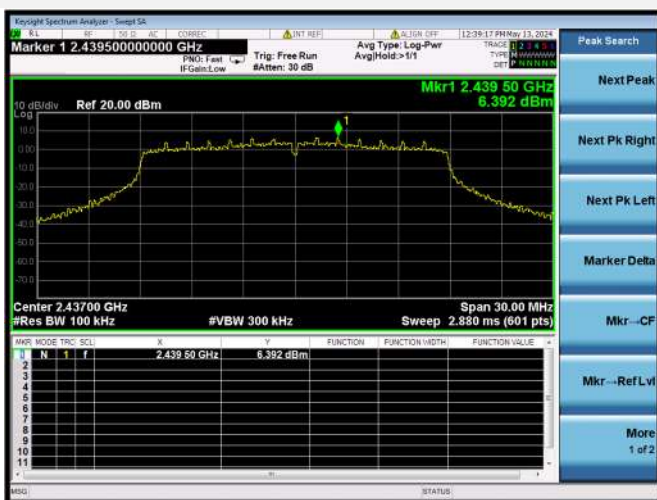
VHT20 CH1, SPURIOUS  
30 MHz ~ 3 GHz



VHT20 CH1, SPURIOUS  
2 GHz ~ 25 GHz

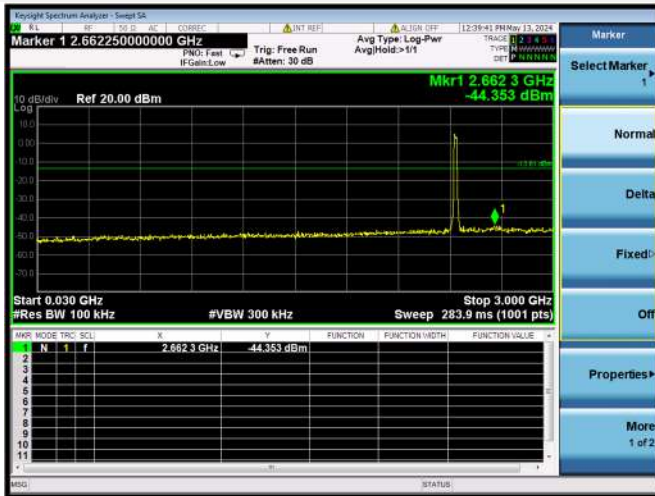


VHT20 CH6 CARRIER LEVEL





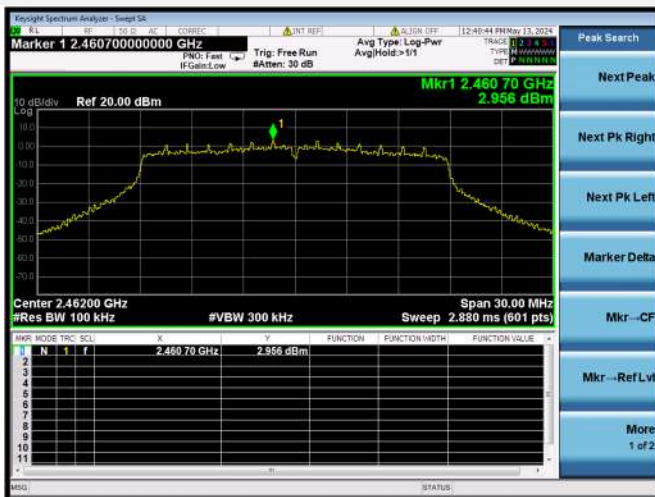
VHT20 CH6, SPURIOUS  
30 MHz ~ 3 GHz



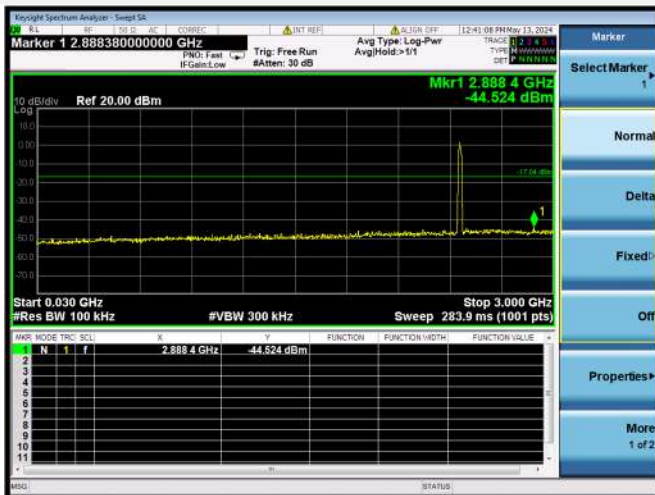
VHT20 CH6, SPURIOUS  
2 GHz ~ 25 GHz



VHT20 CH11 CARRIER LEVEL



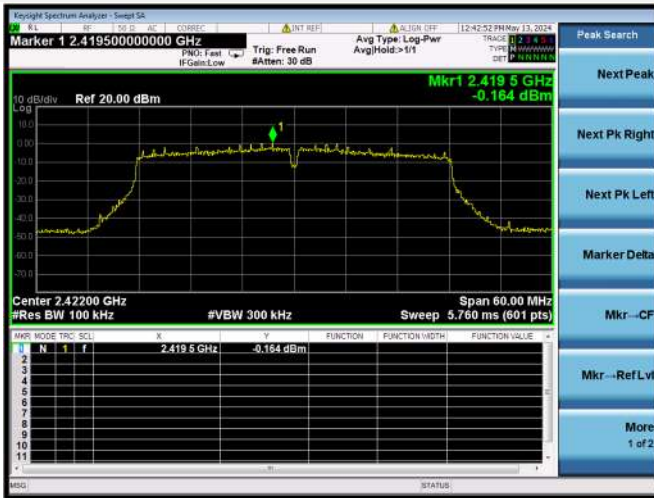
VHT20 CH11, SPURIOUS  
30 MHz ~ 3 GHz



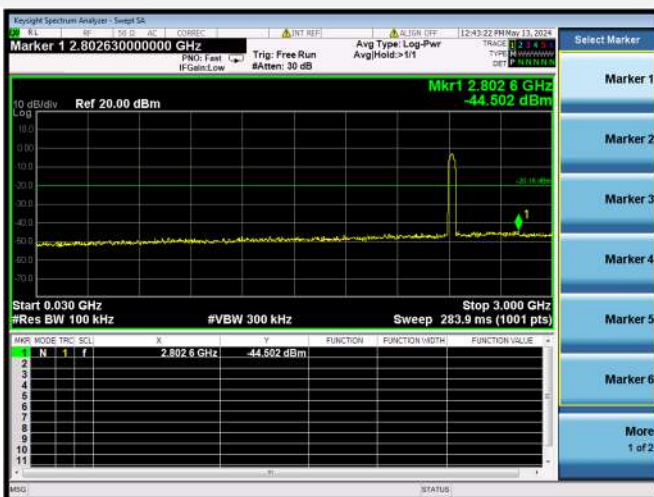
VHT20 CH11, SPURIOUS  
2 GHz ~ 25 GHz



### VHT40 CH3 CARRIER LEVEL



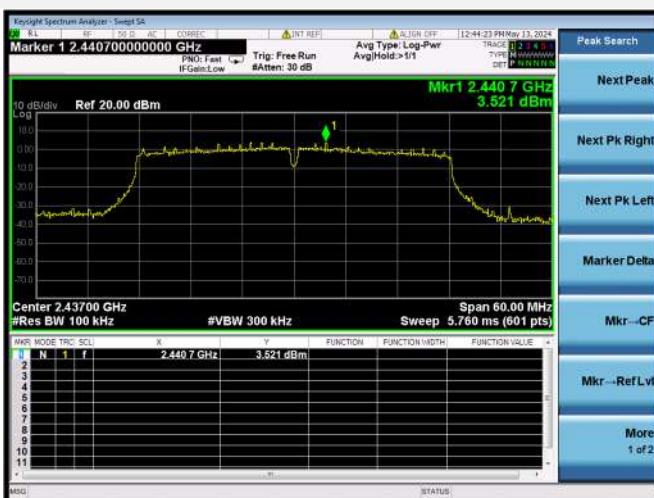
### VHT40 CH3, SPURIOUS 30 MHz ~ 3 GHz



### VHT40 CH3, SPURIOUS 2 GHz ~ 25 GHz

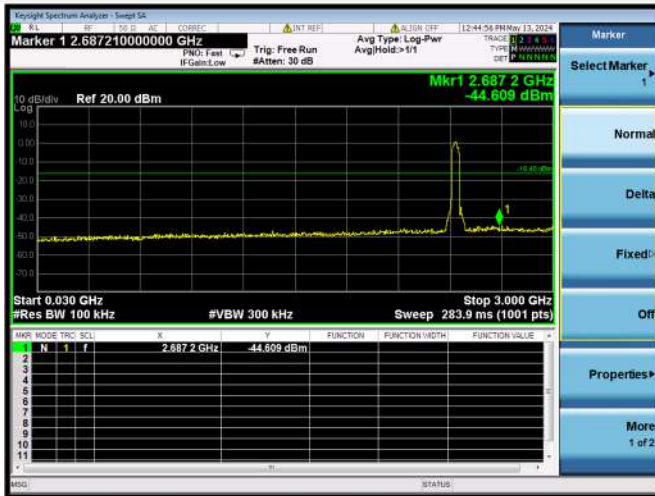


### VHT40 CH6 CARRIER LEVEL





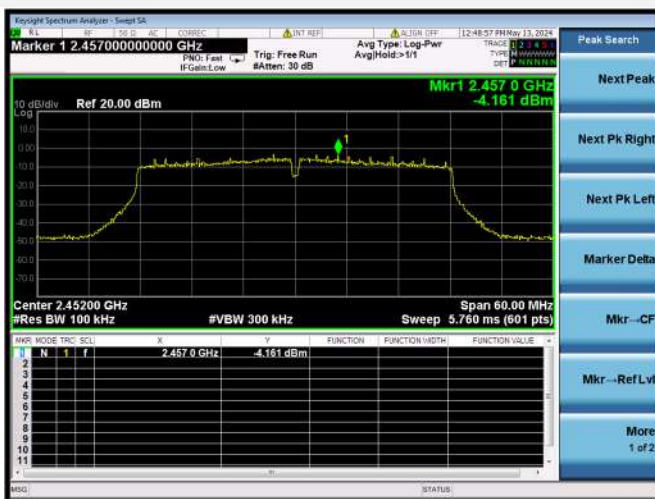
VHT40 CH6, SPURIOUS  
30 MHz ~ 3 GHz



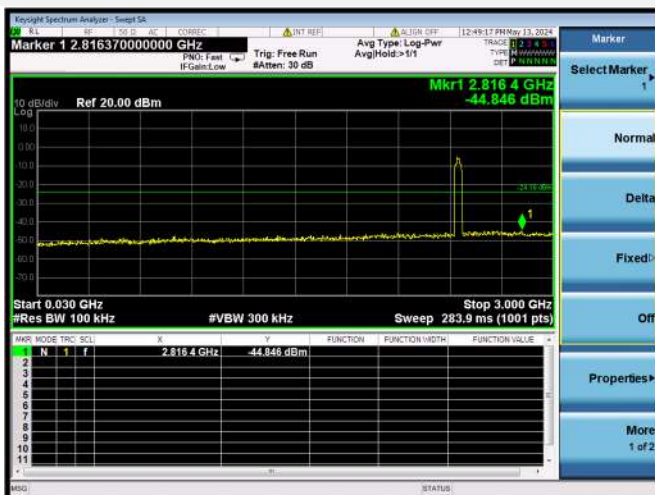
VHT40 CH6, SPURIOUS  
2 GHz ~ 25 GHz



VHT40 CH9 CARRIER LEVEL



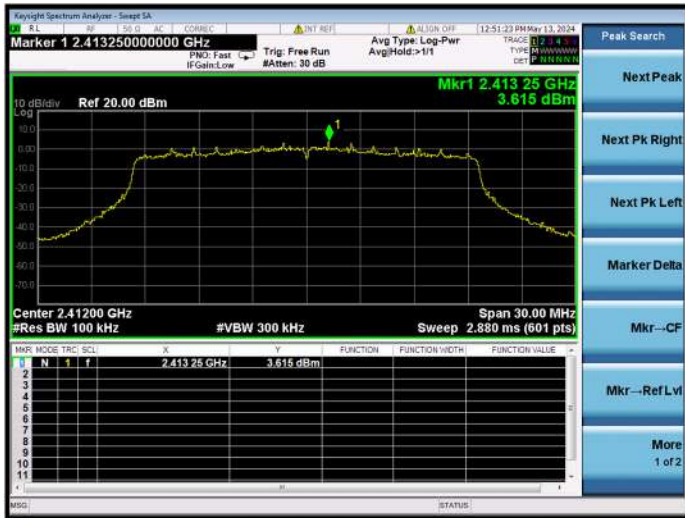
VHT40 CH9, SPURIOUS  
30 MHz ~ 3 GHz



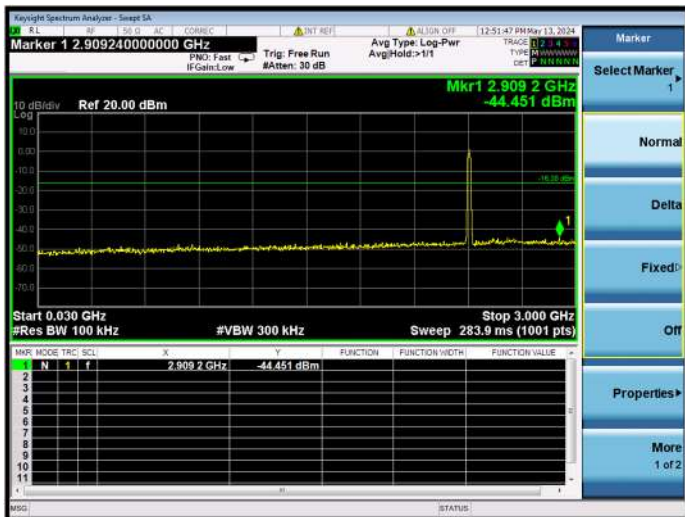
VHT40 CH9, SPURIOUS  
2 GHz ~ 25 GHz



802.11ax-20 MHz(SU) CH1 CARRIER LEVEL



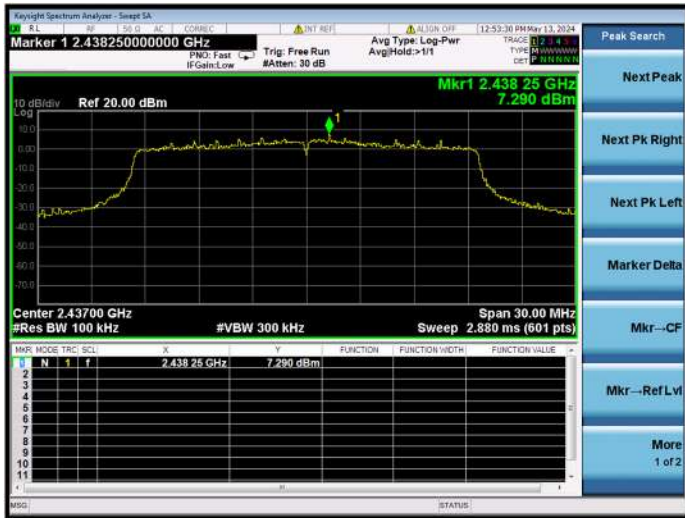
802.11ax-20 MHz(SU) CH1, SPURIOUS  
30 MHz ~ 3 GHz



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

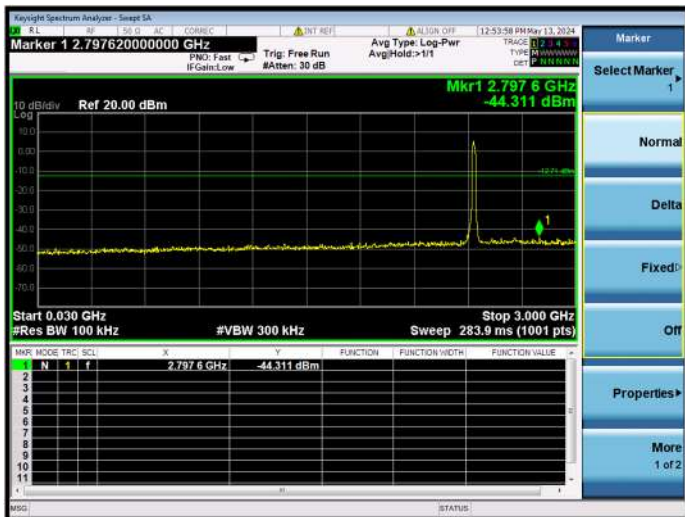


802.11ax-20 MHz(SU) CH6 CARRIER LEVEL



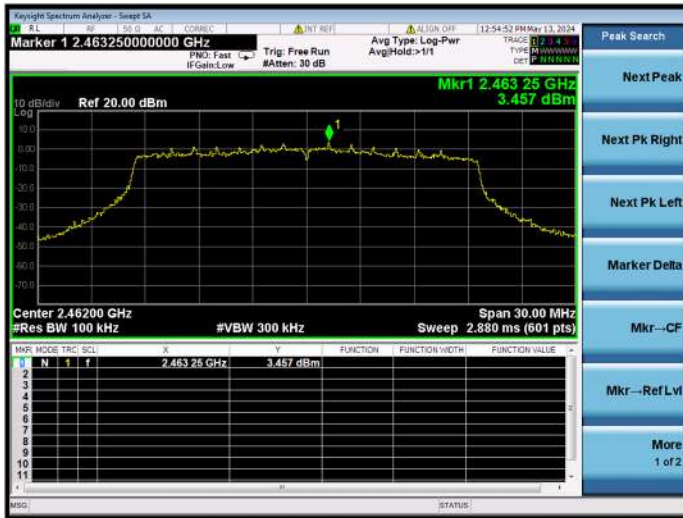
802.11ax-20 MHz(SU) CH6, SPURIOUS 30 MHz ~ 3 GHz

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

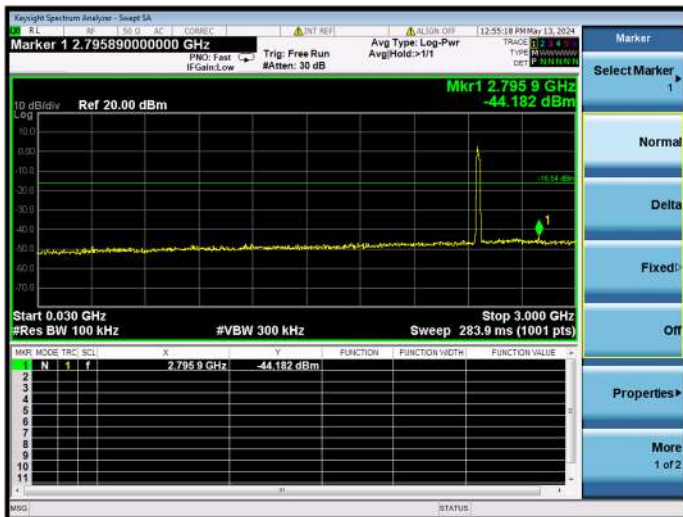




802.11ax-20 MHz(SU) CH11 CARRIER LEVEL



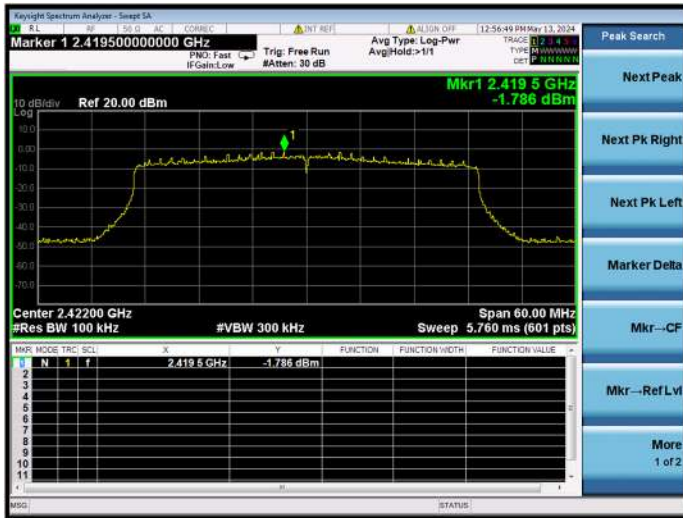
802.11ax-20 MHz(SU) CH11, SPURIOUS 30 MHz ~ 3 GHz



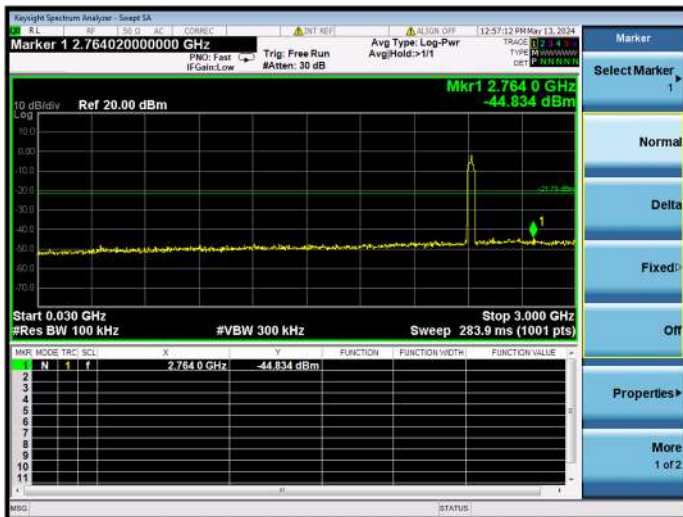
802.11ax-20 MHz(SU) CH11, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-40 MHz(SU) CH3 CARRIER LEVEL



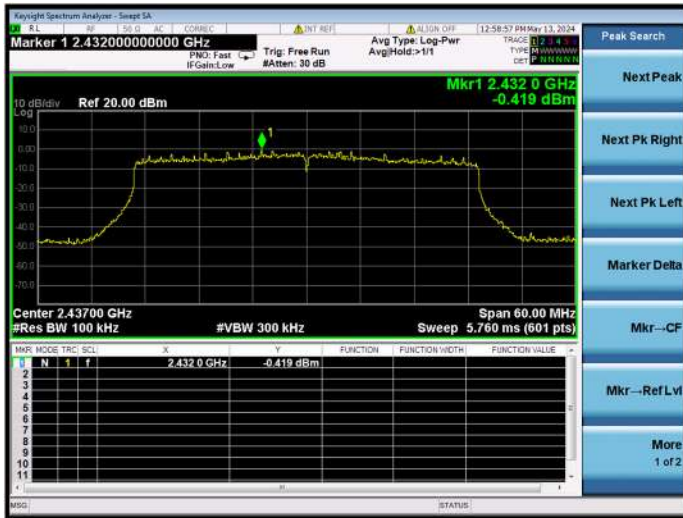
802.11ax-40 MHz(SU) CH3, SPURIOUS  
30 MHz ~ 3 GHz



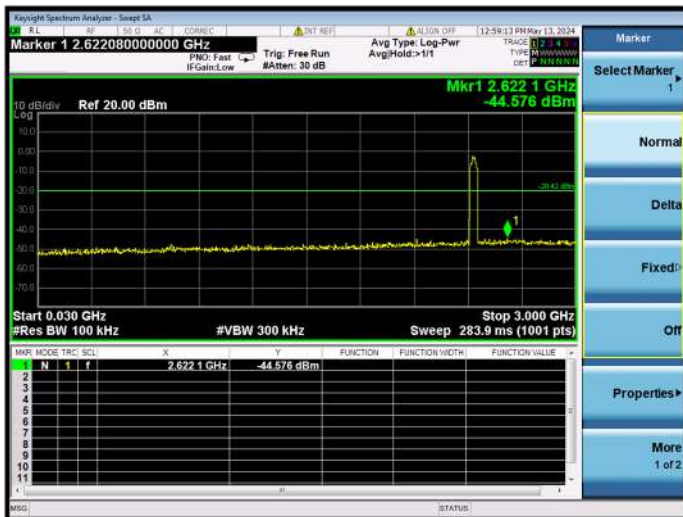
802.11ax-40 MHz(SU) CH3, SPURIOUS  
2 GHz ~ 25 GHz



802.11ax-40 MHz(SU) CH6 CARRIER LEVEL



802.11ax-40 MHz(SU) CH6, SPURIOUS  
 30 MHz ~ 3 GHz

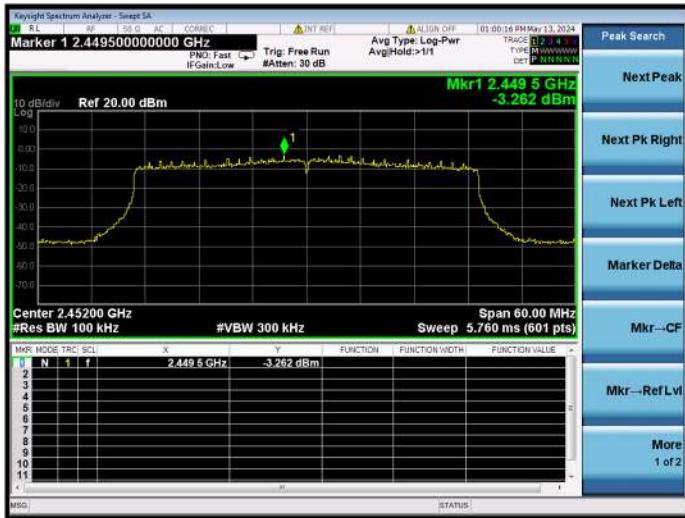


802.11ax-40 MHz(SU) CH6, SPURIOUS  
 2 GHz ~ 25 GHz

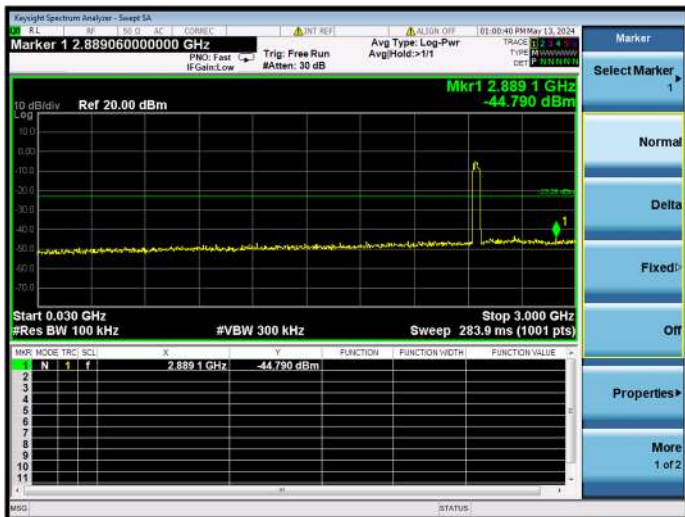




802.11ax-40 MHz(SU) CH9 CARRIER LEVEL



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)

Note 1: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Note 2: All the configurations were pre tested, only the worst configuration has been reported in this report.

### Test Data

#### ANT 0:

##### 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-42.03	8.13	-11.87	Pass
CH11	-46.58	8.68	-11.32	Pass

##### 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-37.84	4.66	-15.34	Pass
CH11	-46.51	4.46	-15.54	Pass

##### 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-34.70	3.36	-16.64	Pass
CH11	-45.85	3.01	-16.99	Pass

##### 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-39.65	-1.17	-21.17	Pass
CH9	-45.99	-2.77	-22.77	Pass

##### VHT20 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-34.32	3.56	-16.44	Pass
CH11	-46.15	3.40	-16.60	Pass

## VHT40 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-41.08	-1.30	-21.30	Pass
CH9	-46.34	-2.78	-22.78	Pass

## 802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-41.08	-1.30	-21.30	Pass
CH11	-46.34	-2.78	-22.78	Pass

## 802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-41.85	-1.22	-21.22	Pass
CH9	-46.66	-2.98	-22.98	Pass

ANT 1:

## 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-44.13	6.89	-13.11	Pass
CH11	-47.24	8.35	-11.66	Pass

## 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-37.29	4.83	-15.17	Pass
CH11	-45.98	4.58	-15.42	Pass

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-36.11	3.46	-16.55	Pass
CH11	-46.22	3.33	-16.67	Pass



## 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-42.19	-1.65	-21.65	Pass
CH9	-47.11	-3.52	-23.52	Pass

## VHT20 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-35.34	3.73	-16.27	Pass
CH11	-46.83	3.12	-16.88	Pass

## VHT40 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-42.41	-1.83	-21.83	Pass
CH9	-47.18	-5.32	-25.32	Pass

## 802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-22.83	3.71	-16.29	Pass
CH11	-44.52	2.95	-17.05	Pass

## 802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-40.76	-1.76	-21.76	Pass
CH9	-45.89	-3.00	-23.00	Pass

**MIMO ANT 0:****802.11b Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-44.36	6.54	-13.46	Pass
CH11	-46.12	7.01	-12.99	Pass

**802.11g Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-44.36	6.54	-13.46	Pass
CH11	-46.12	7.01	-12.99	Pass

**802.11n-20 MHz Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-44.36	6.54	-13.46	Pass
CH11	-46.12	7.01	-12.99	Pass

**802.11n-40 MHz Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-41.01	-1.86	-21.86	Pass
CH9	-46.86	-3.46	-23.46	Pass

**VHT20 Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-41.01	-1.86	-21.86	Pass
CH11	-46.86	-3.46	-23.46	Pass

**VHT40 Mode:**

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-41.51	-1.21	-21.21	Pass
CH9	-46.81	-3.01	-23.01	Pass

## 802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-36.09	2.06	-17.94	Pass
CH11	-46.87	1.90	-18.10	Pass

## 802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-40.75	-1.29	-21.29	Pass
CH9	-45.96	-3.29	-23.29	Pass

MIMO ANT 1:

## 802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-45.55	6.97	-13.03	Pass
CH11	-45.72	7.32	-12.68	Pass

## 802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-36.40	4.89	-15.11	Pass
CH11	-46.38	4.46	-15.54	Pass

## 802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-35.81	3.23	-16.77	Pass
CH11	-35.75	3.38	-16.62	Pass

## 802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-42.08	-1.51	-21.51	Pass
CH9	-46.52	-3.17	-23.17	Pass

## VHT20 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-36.60	3.33	-16.67	Pass
CH11	-45.54	2.96	-17.04	Pass

## VHT40 Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-40.63	-0.16	-20.16	Pass
CH9	-46.39	-4.16	-24.16	Pass

## 802.11ax-20 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH1	-36.58	3.62	-16.39	Pass
CH11	-45.70	3.46	-16.54	Pass

## 802.11ax-40 MHz(SU) Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
CH3	-40.82	-1.79	-21.79	Pass
CH9	-46.34	-3.26	-23.26	Pass



Test Plots

ANT 0:

802.11b CH1, CARRIER LEVEL



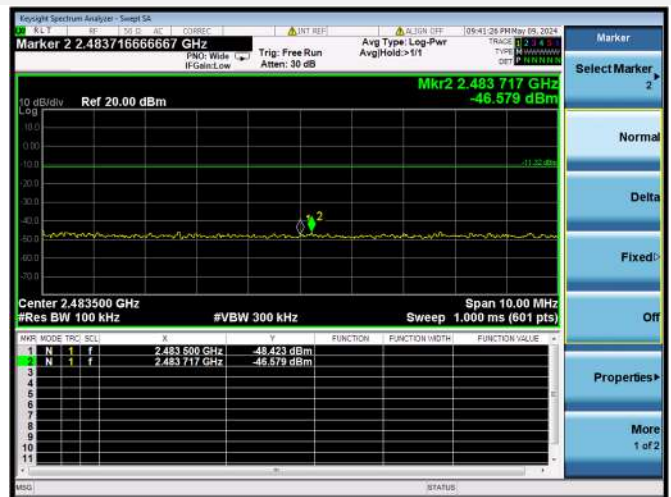
802.11b CH1, BAND EDGE



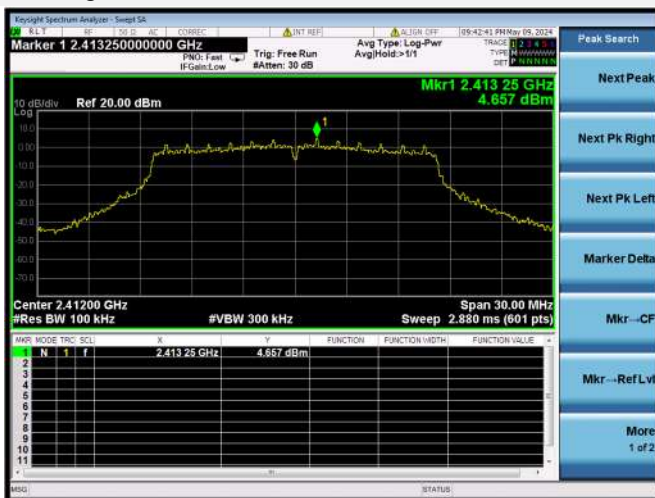
802.11b CH11, CARRIER LEVEL



802.11b CH11, BAND EDGE



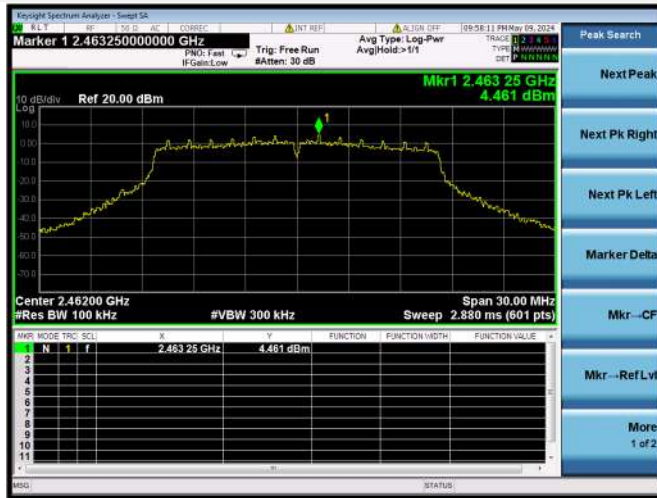
802.11g CH1, CARRIER LEVEL



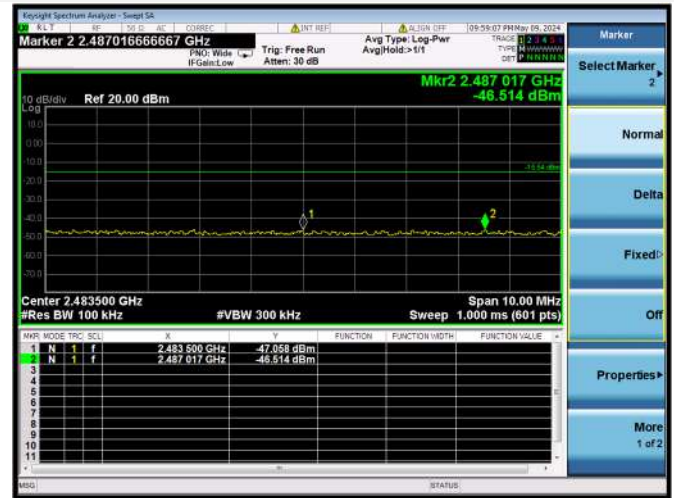
802.11g CH1, BAND EDGE



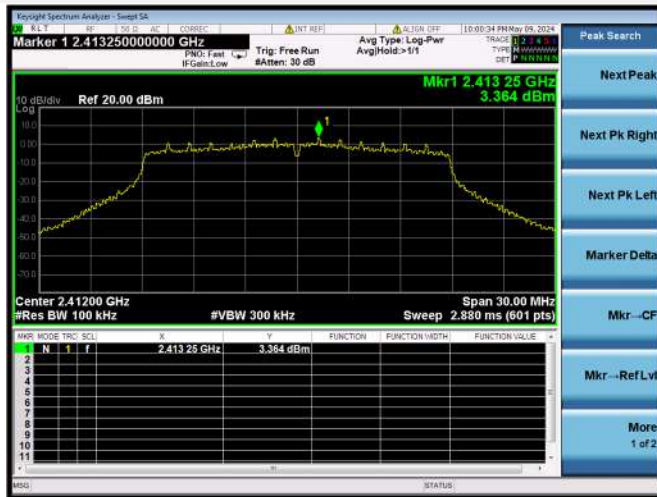
802.11g CH11, CARRIER LEVEL



802.11g CH11, BAND EDGE



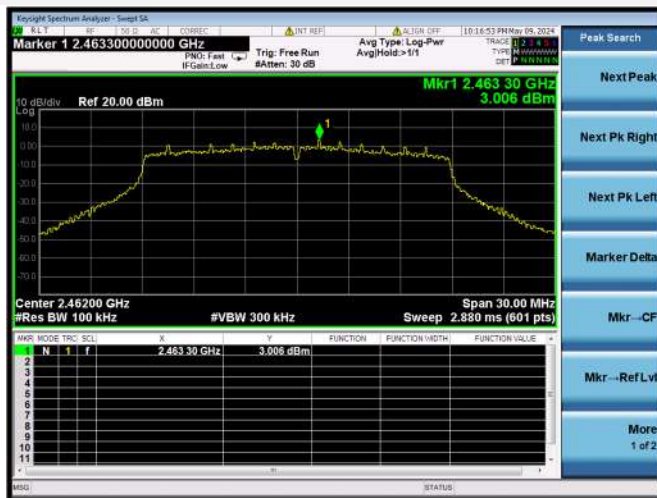
802.11n-20 MHz CH1, CARRIER LEVEL



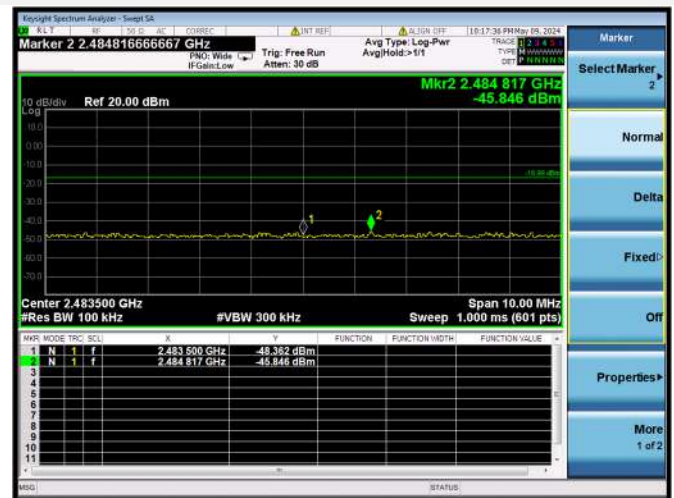
802.11n-20 MHz CH1, BAND EDGE



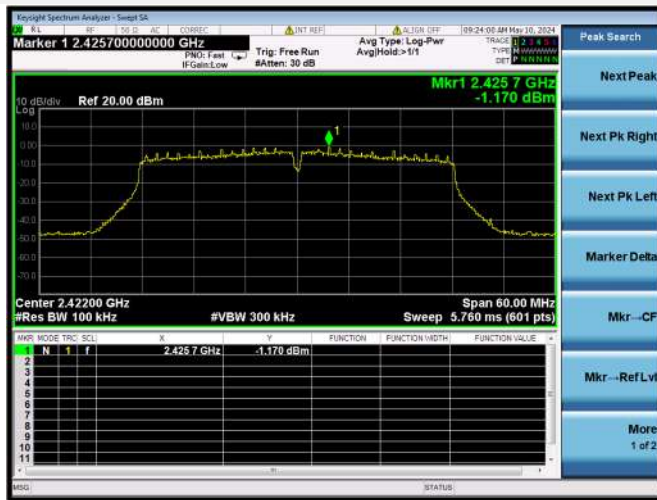
802.11n-20 MHz CH11, CARRIER LEVEL



802.11n-20 MHz CH11, BAND EDGE



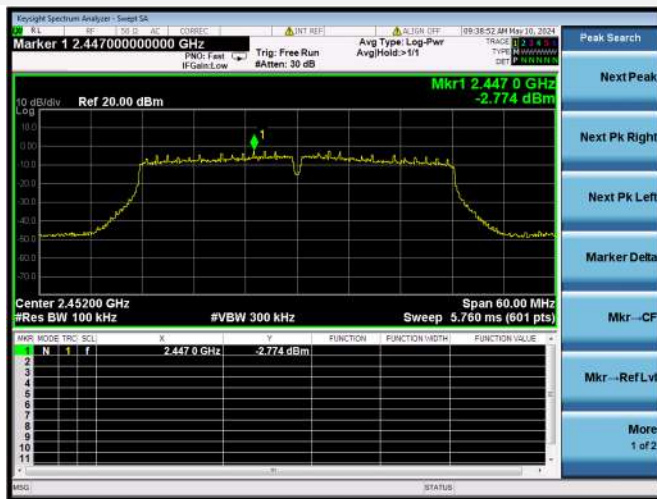
802.11n-40 MHz CH3, CARRIER LEVEL



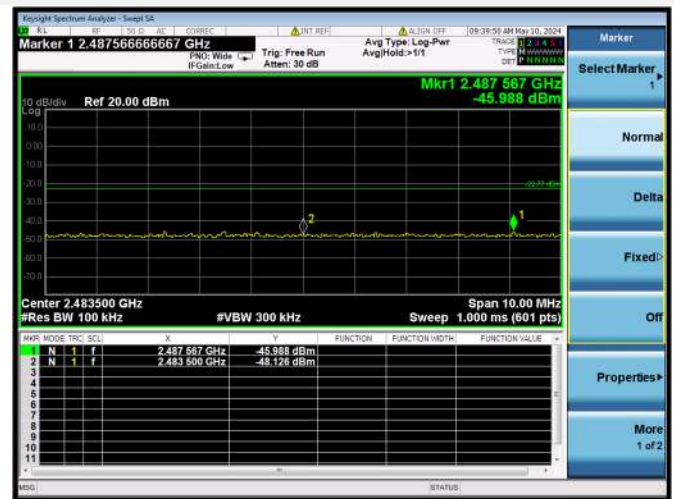
802.11n-40 MHz CH3, BAND EDGE



802.11n-40 MHz CH9, CARRIER LEVEL

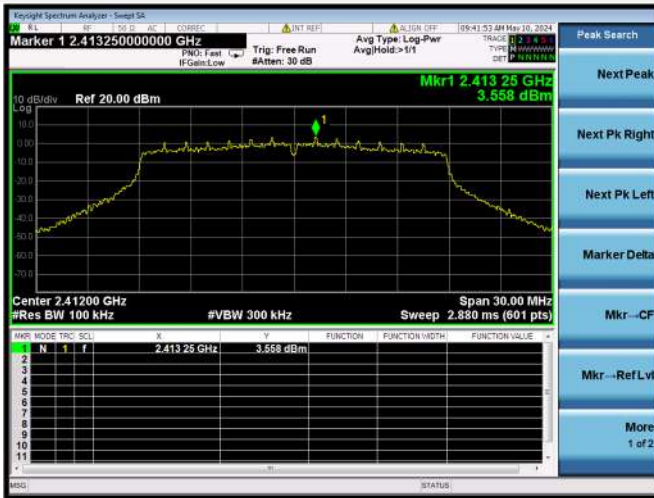


802.11n-40 MHz CH9, BAND EDGE





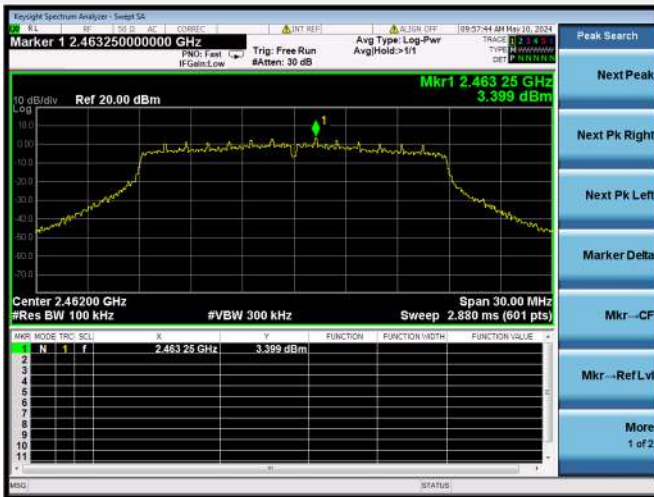
VHT20 CH1, CARRIER LEVEL



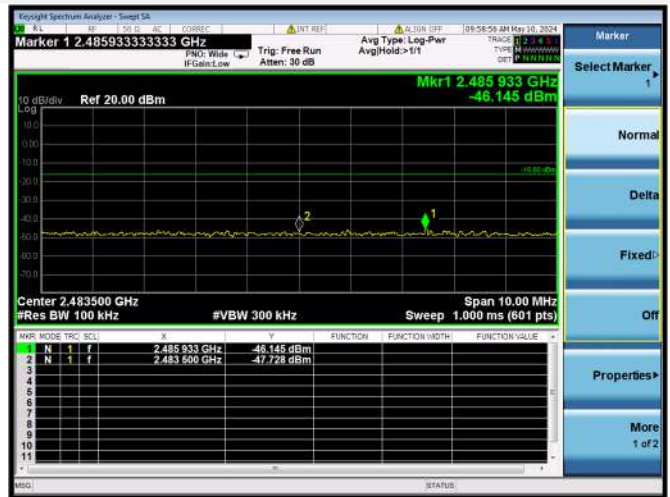
VHT20 CH1, BAND EDGE



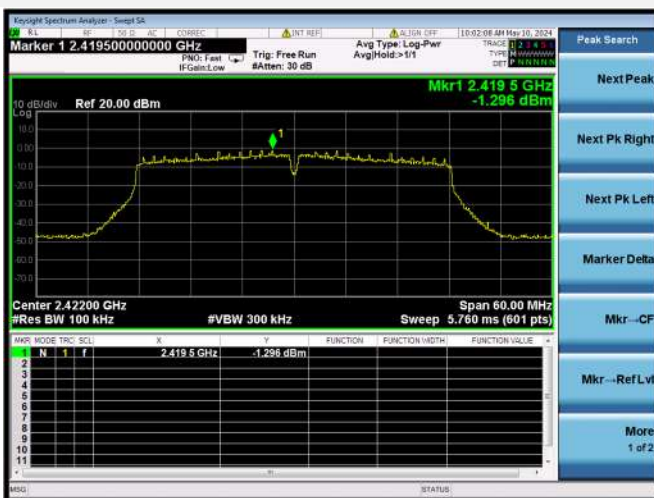
VHT20 CH11, CARRIER LEVEL



VHT20 CH11, BAND EDGE



VHT40 CH3, CARRIER LEVEL

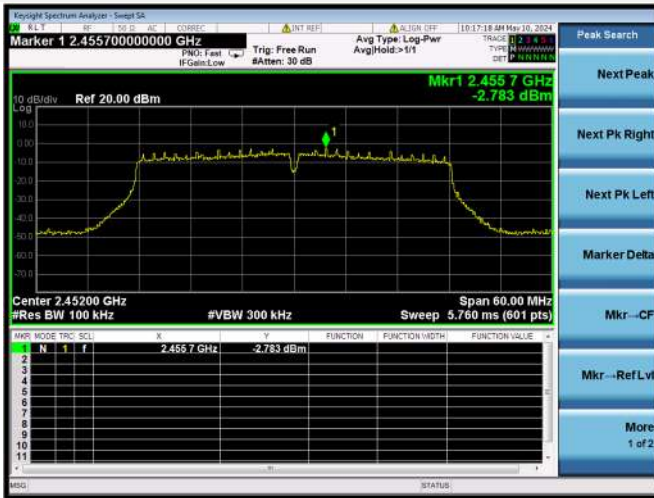


VHT40 CH3, BAND EDGE

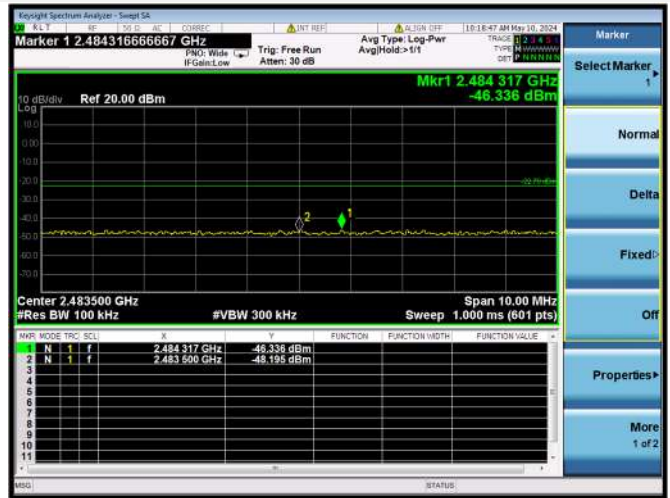




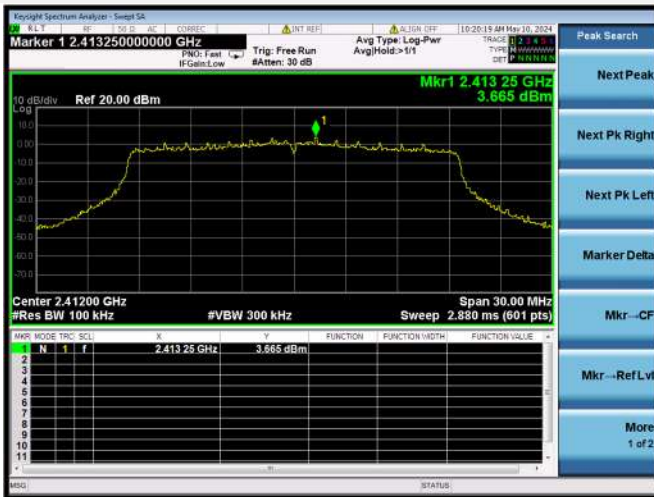
VHT40 CH9, CARRIER LEVEL



VHT40 CH9, BAND EDGE



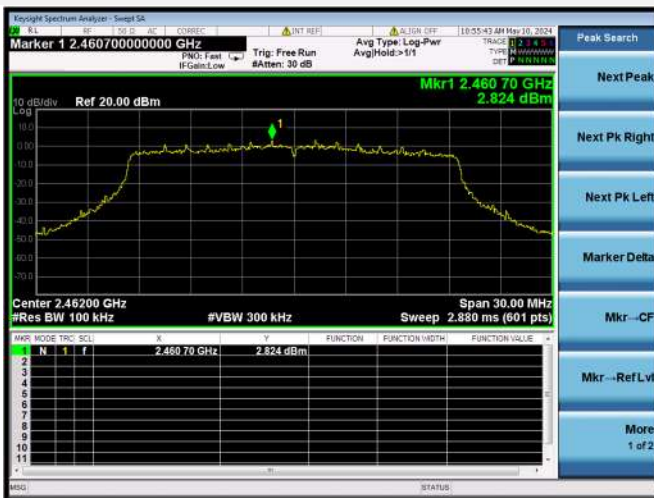
802.11ax-20 MHz(SU) CH1, CARRIER LEVEL



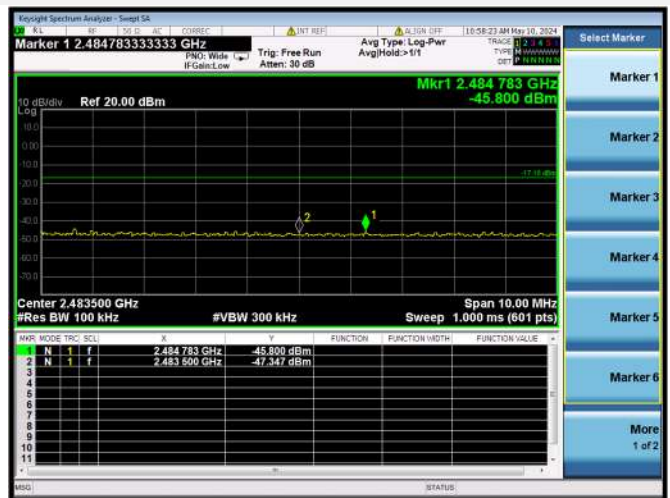
802.11ax-20 MHz(SU) CH1, BAND EDGE



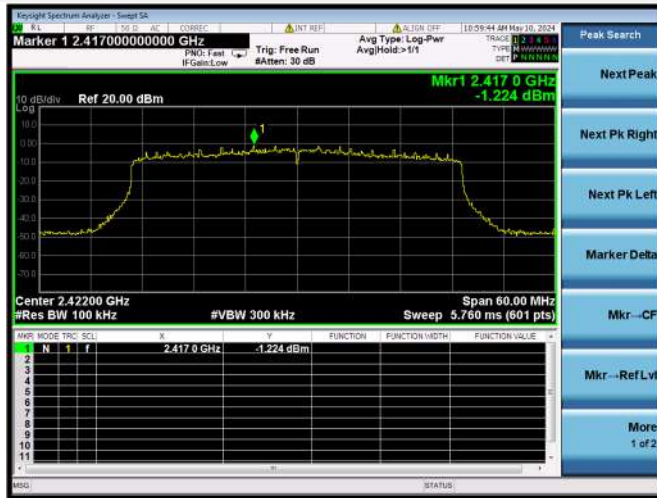
802.11ax-20 MHz(SU) CH11, CARRIER LEVEL



802.11ax-20 MHz(SU) CH11, BAND EDGE



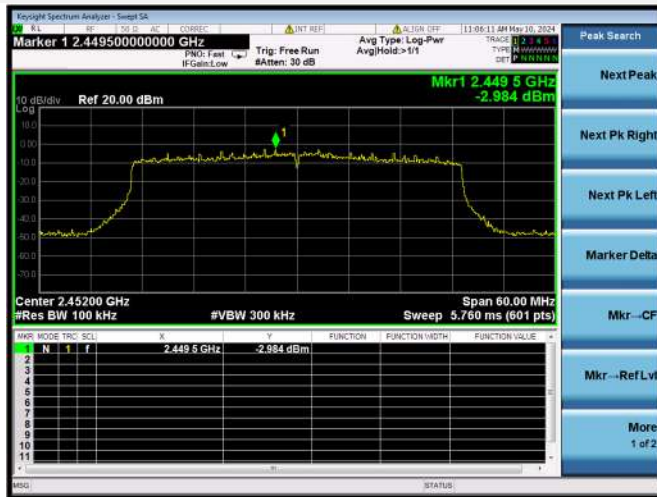
802.11ax-40 MHz(SU) CH3, CARRIER LEVEL



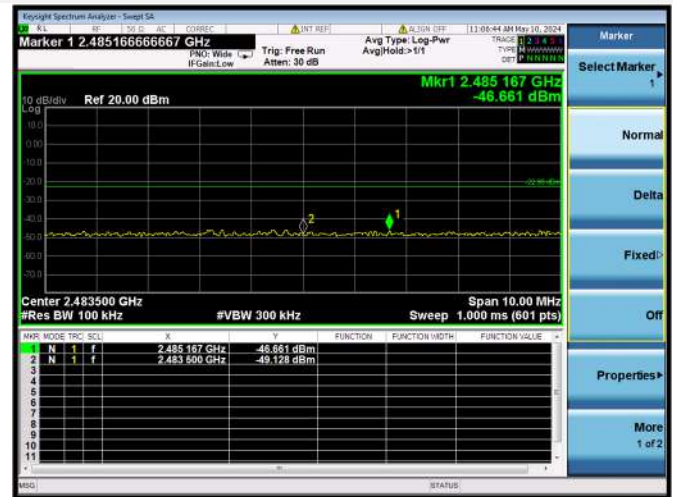
802.11ax-40 MHz(SU) CH3, BAND EDGE



802.11ax-40 MHz(SU) CH9, CARRIER LEVEL



802.11ax-40 MHz(SU) CH9, BAND EDGE



ANT 1:

802.11b CH1, CARRIER LEVEL



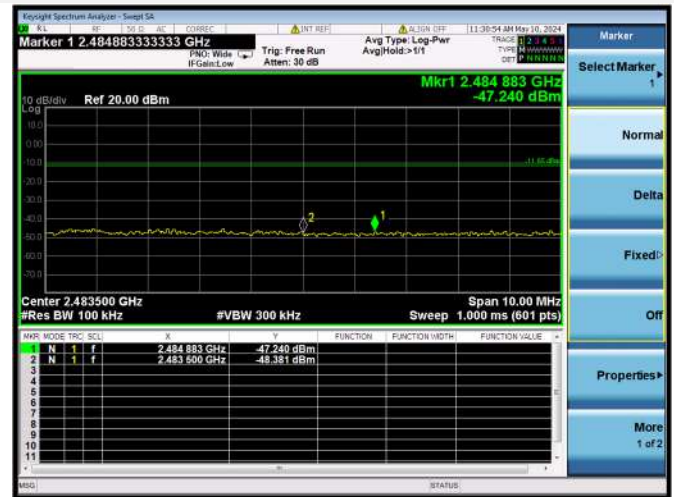
802.11b CH1, BAND EDGE



802.11b CH11, CARRIER LEVEL



802.11b CH11, BAND EDGE



802.11g CH1, CARRIER LEVEL

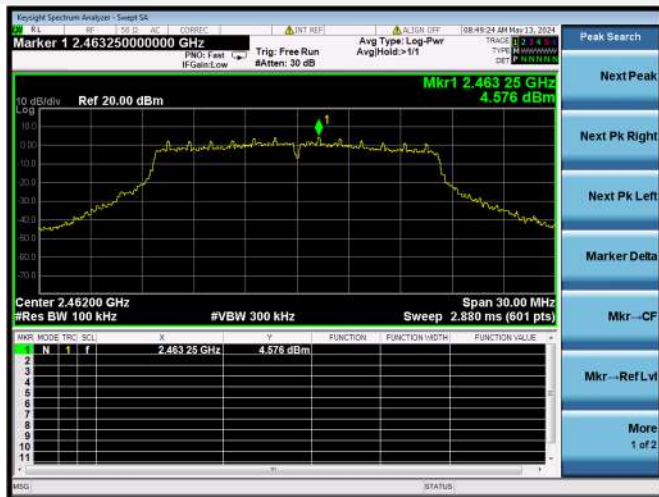


802.11g CH1, BAND EDGE

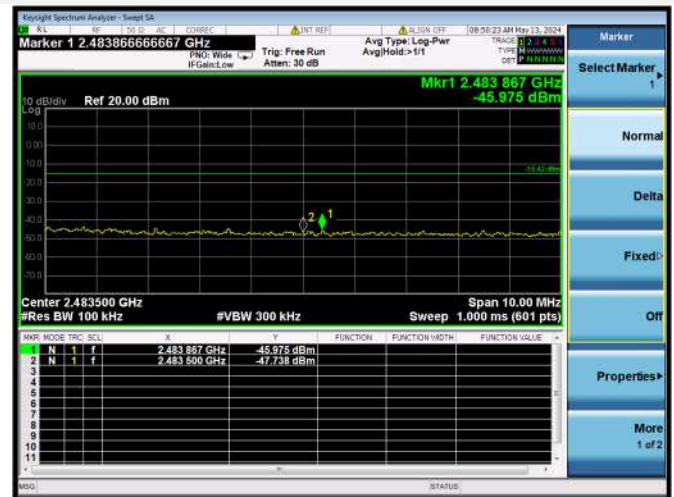




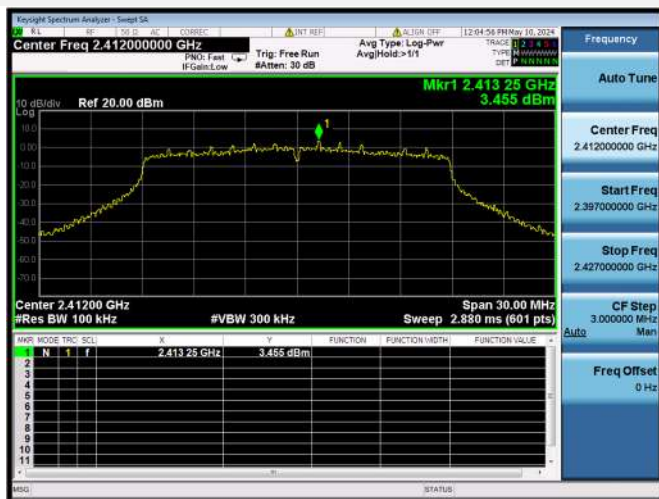
802.11g CH11, CARRIER LEVEL



802.11g CH11, BAND EDGE



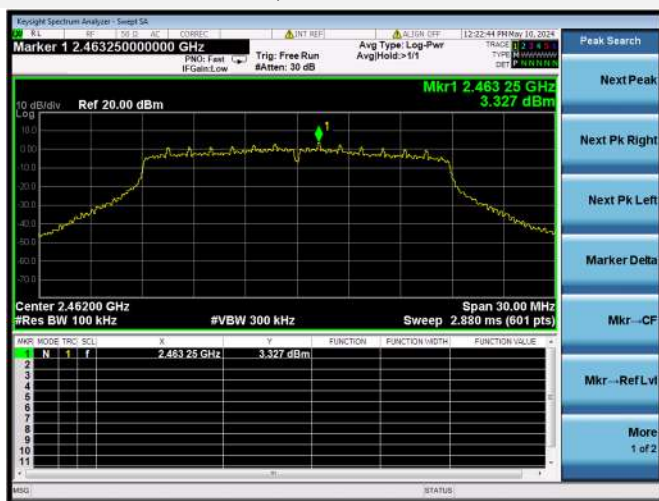
802.11n-20 MHz CH1, CARRIER LEVEL



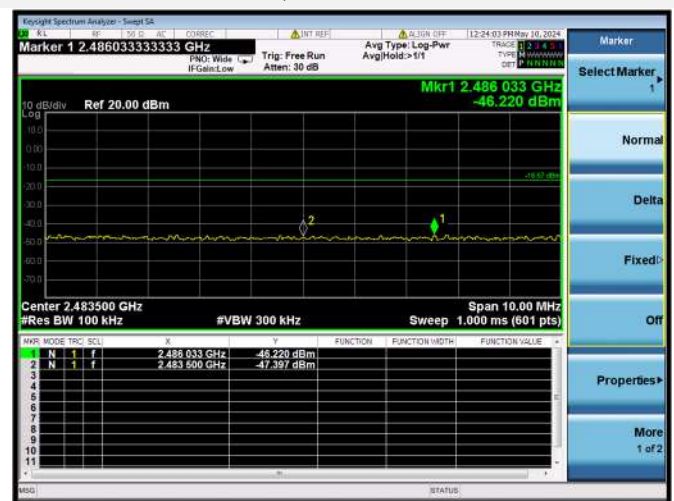
802.11n-20 MHz CH1, BAND EDGE



802.11n-20 MHz CH11, CARRIER LEVEL

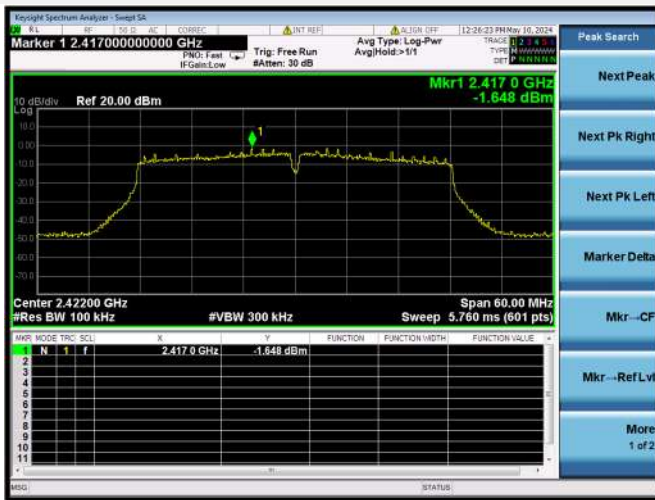


802.11n-20 MHz CH11, BAND EDGE





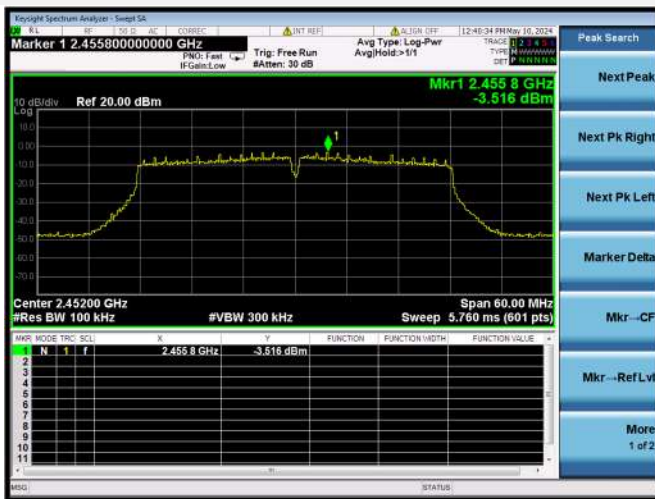
802.11n-40 MHz CH3, CARRIER LEVEL



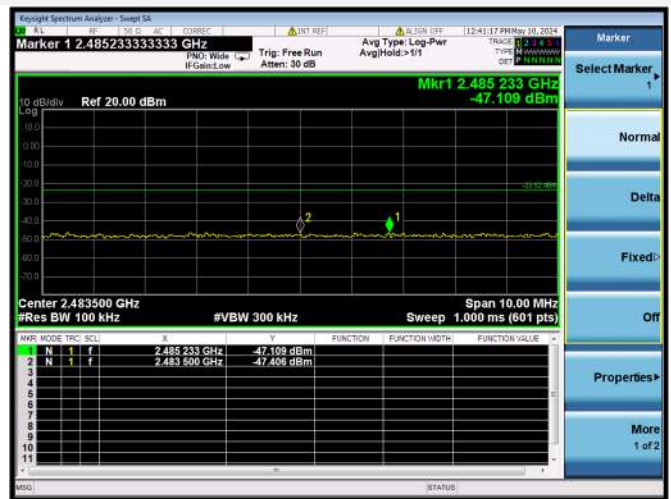
802.11n-40 MHz CH3, BAND EDGE



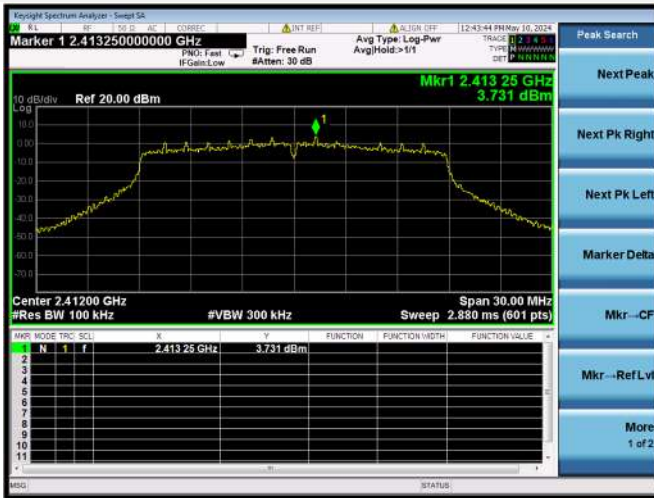
802.11n-40 MHz CH9, CARRIER LEVEL



802.11n-40 MHz CH9, BAND EDGE



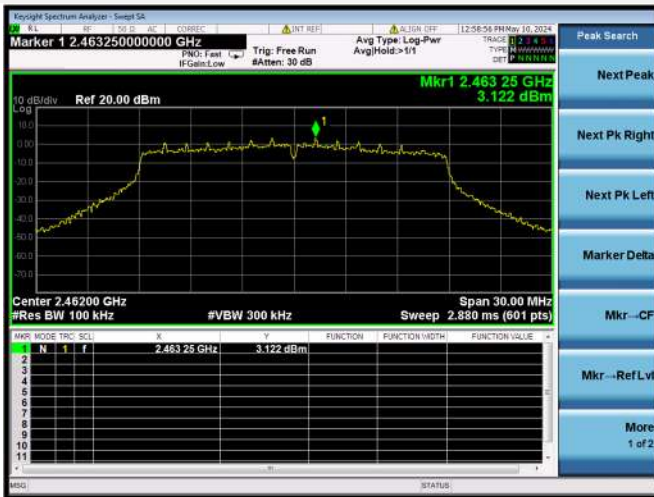
VHT20 CH1, CARRIER LEVEL



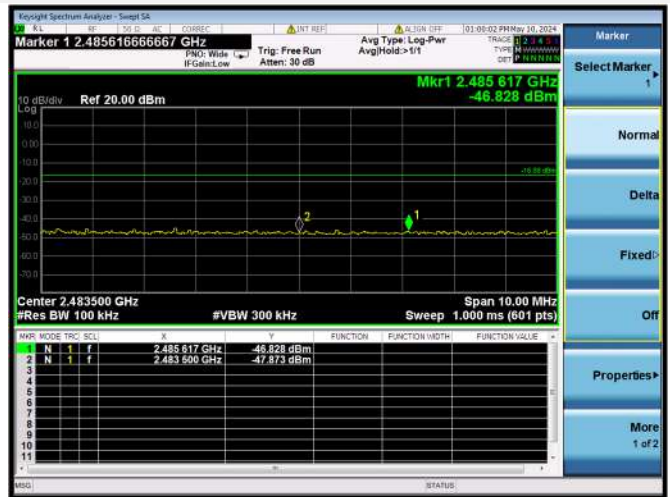
VHT20 CH1, BAND EDGE



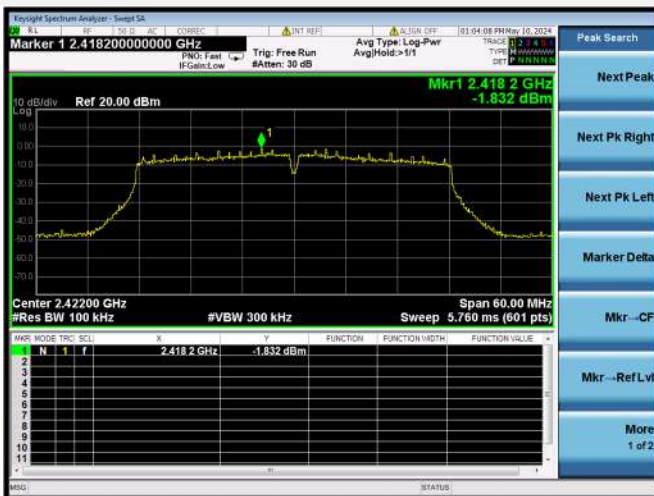
VHT20 CH11, CARRIER LEVEL



VHT20 CH11, BAND EDGE



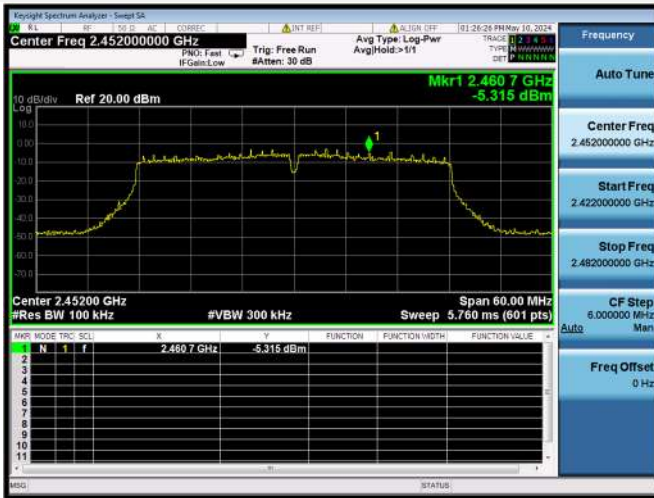
VHT40 CH3, CARRIER LEVEL



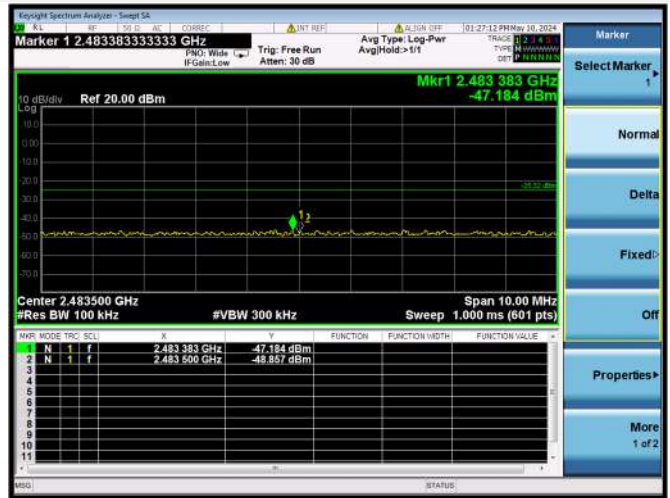
VHT40 CH3, BAND EDGE



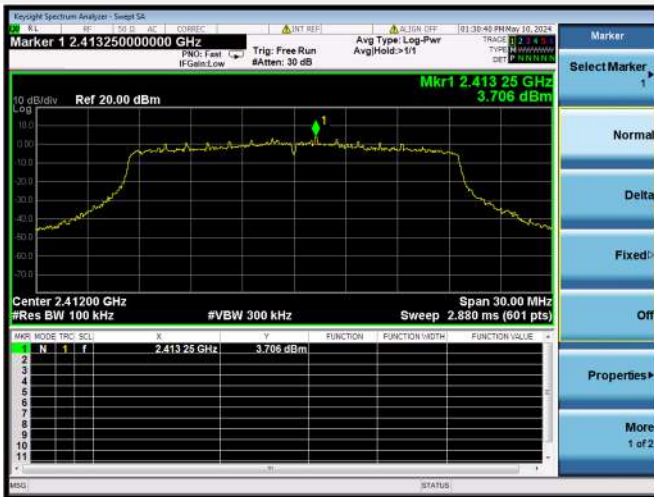
VHT40 CH9, CARRIER LEVEL



VHT40 CH9, BAND EDGE



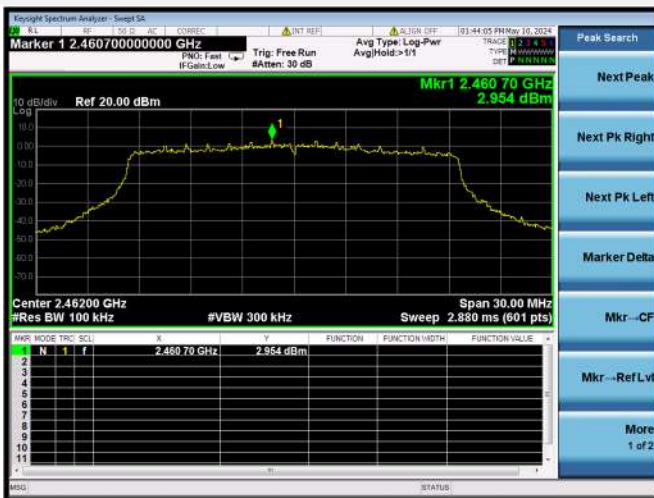
802.11ax-20 MHz(SU) CH1, CARRIER LEVEL



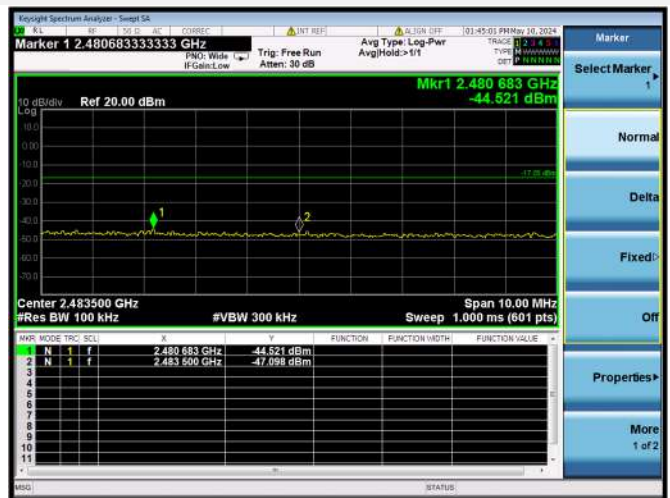
802.11ax-20 MHz(SU) CH1, BAND EDGE



802.11ax-20 MHz(SU) CH11, CARRIER LEVEL

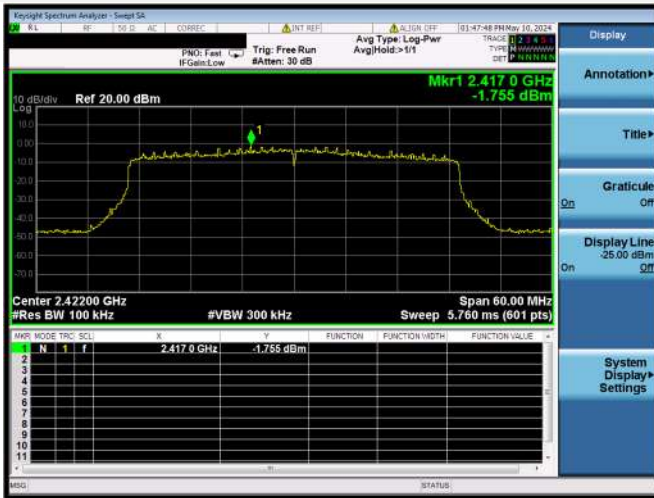


802.11ax-20 MHz(SU) CH11, BAND EDGE





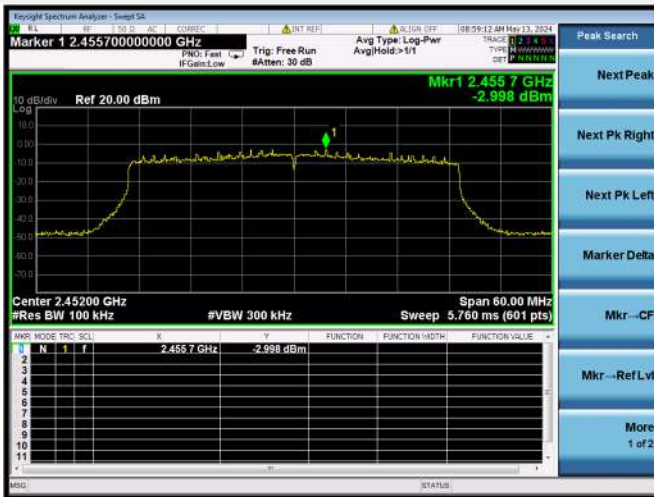
802.11ax-40 MHz(SU) CH3, CARRIER LEVEL



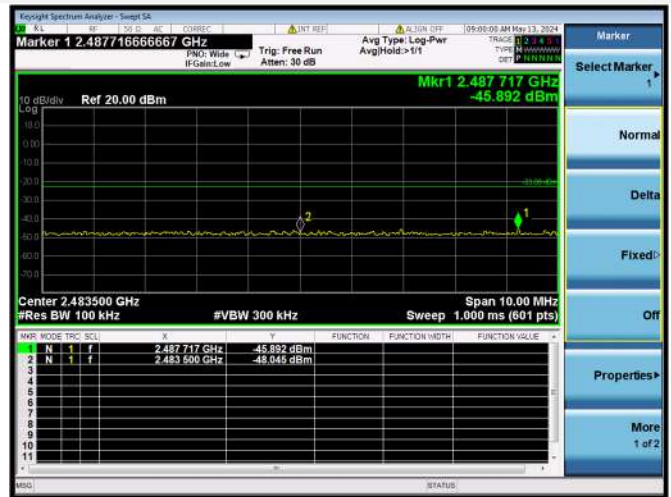
802.11ax-40 MHz(SU) CH3, BAND EDGE



802.11ax-40 MHz(SU) CH9, CARRIER LEVEL



802.11ax-40 MHz(SU) CH9, BAND EDGE





MIMO ANT 0:

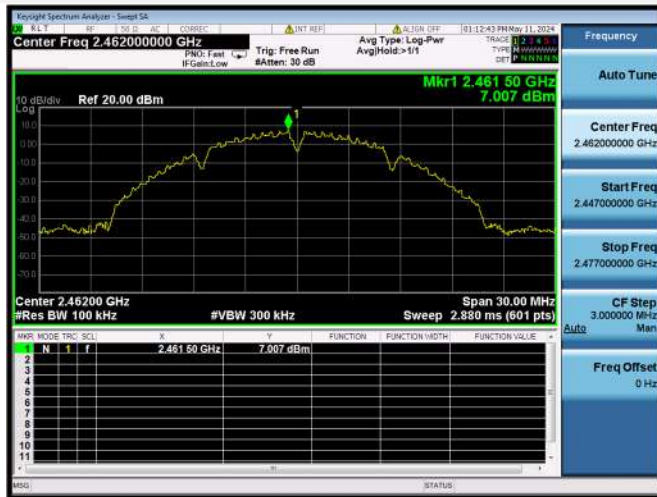
802.11b CH1, CARRIER LEVEL



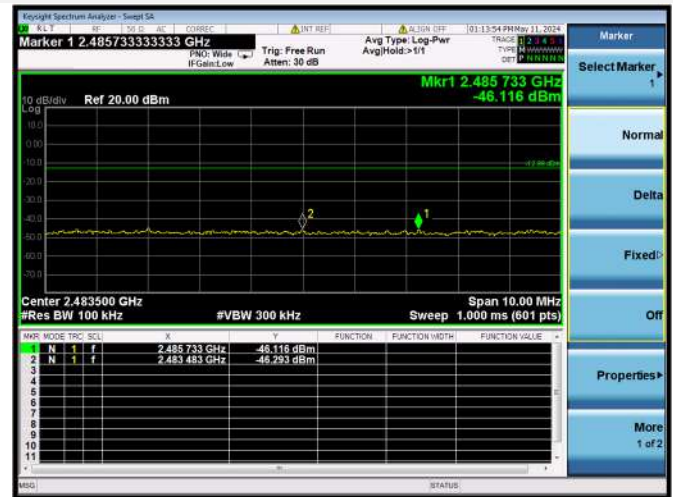
802.11b CH1, BAND EDGE



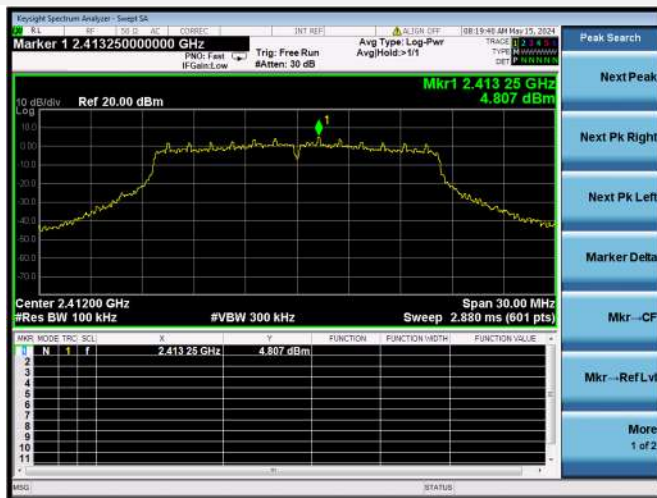
802.11b CH11, CARRIER LEVEL



802.11b CH11, BAND EDGE



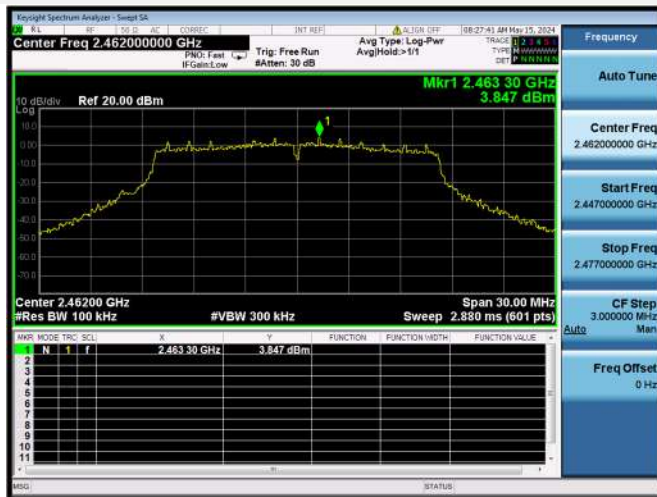
802.11g CH1, CARRIER LEVEL



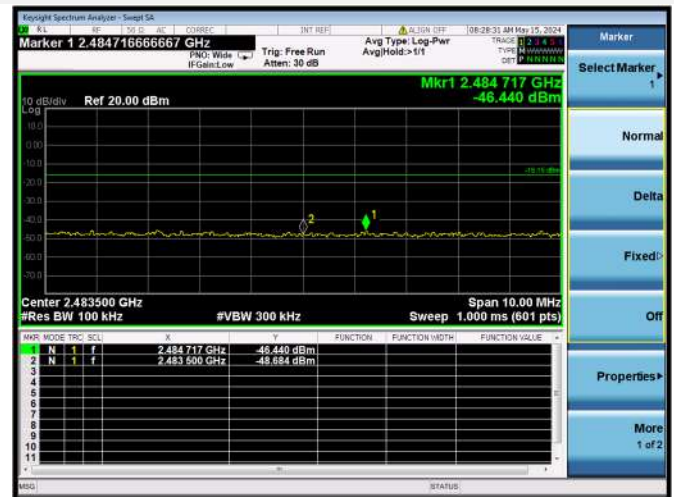
802.11g CH1, BAND EDGE



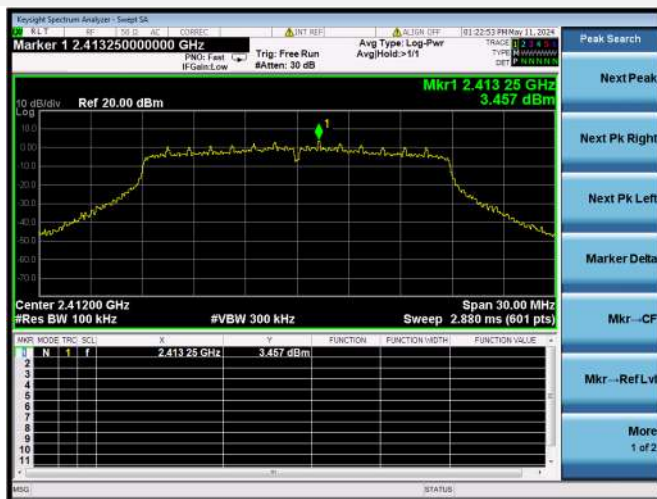
802.11g CH11, CARRIER LEVEL



802.11g CH11, BAND EDGE



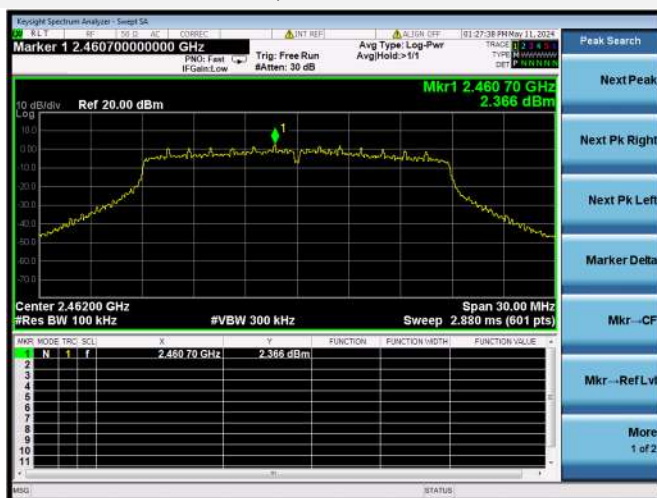
802.11n-20 MHz CH1, CARRIER LEVEL



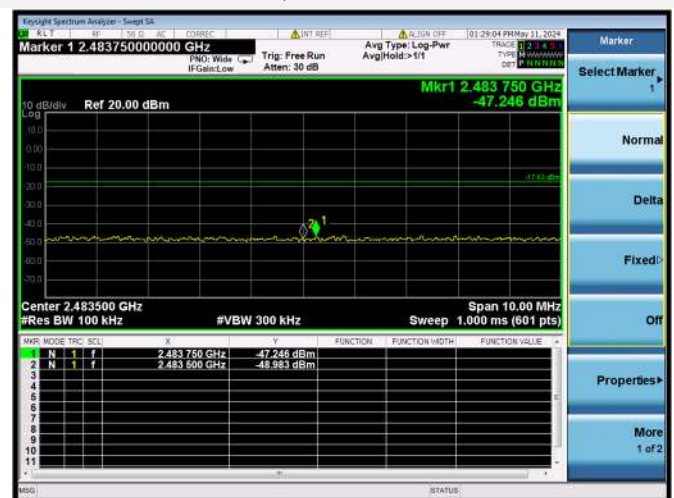
802.11n-20 MHz CH1, BAND EDGE



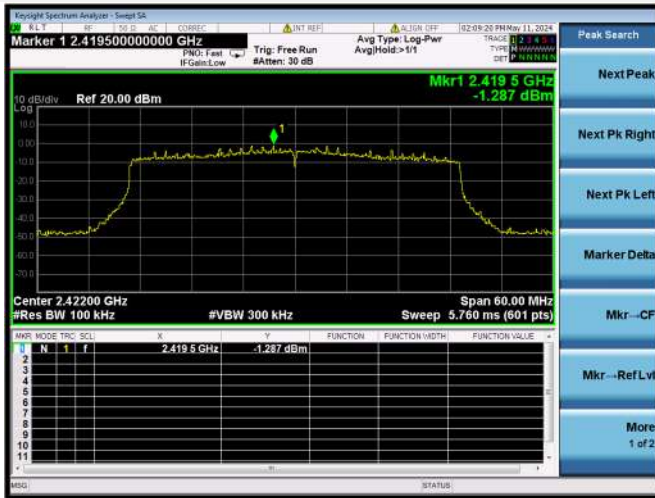
802.11n-20 MHz CH11, CARRIER LEVEL



802.11n-20 MHz CH11, BAND EDGE



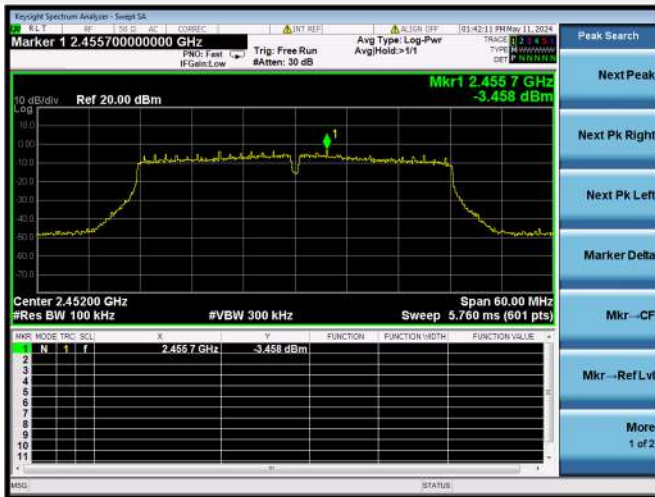
802.11n-40 MHz CCH3, CARRIER LEVEL



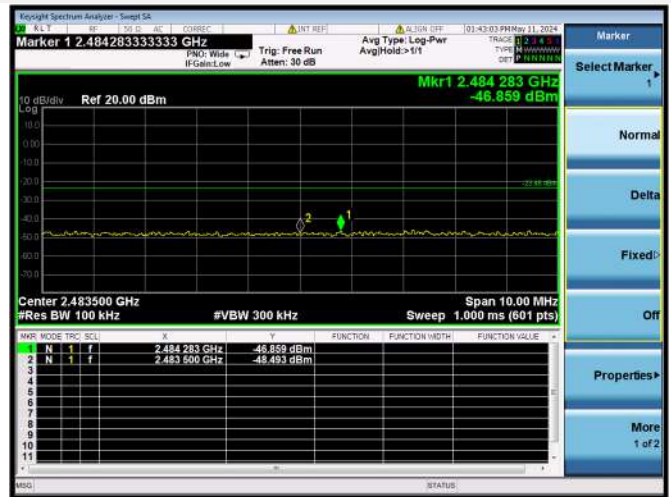
802.11n-40 MHz CH3, BAND EDGE



802.11n-40 MHz CH9, CARRIER LEVEL

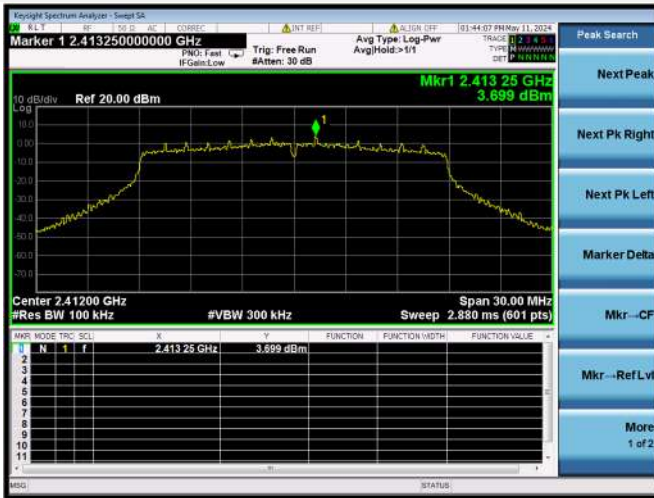


802.11n-40 MHz CH9, BAND EDGE





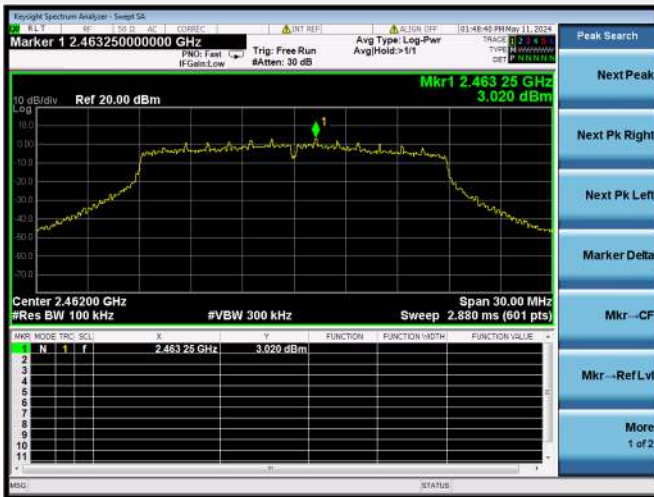
VHT20 CH1, CARRIER LEVEL



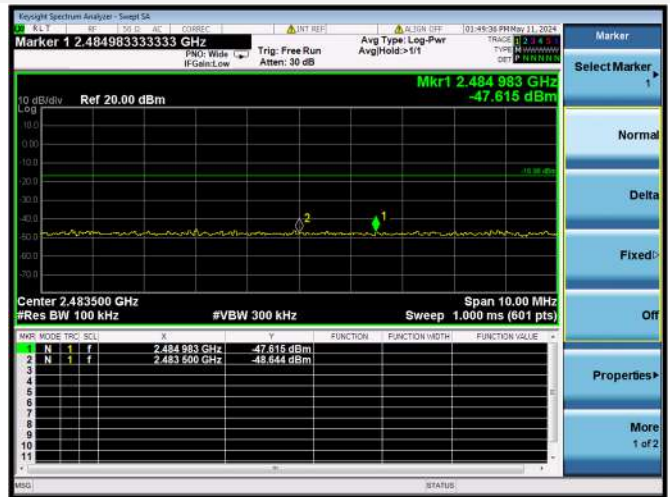
VHT20 CH1, BAND EDGE



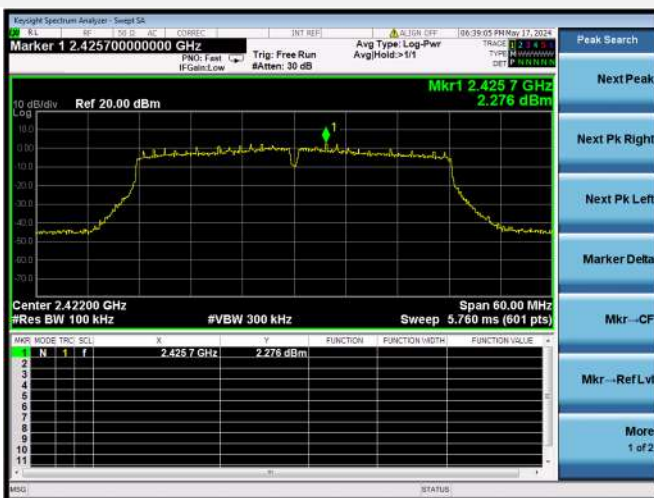
VHT20 CH11, CARRIER LEVEL



VHT20 CH11, BAND EDGE



VHT40 CH3, CARRIER LEVEL

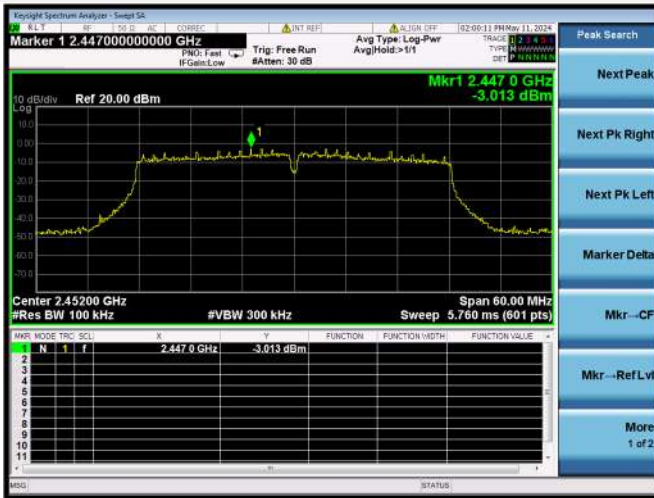


VHT40 CH3, BAND EDGE

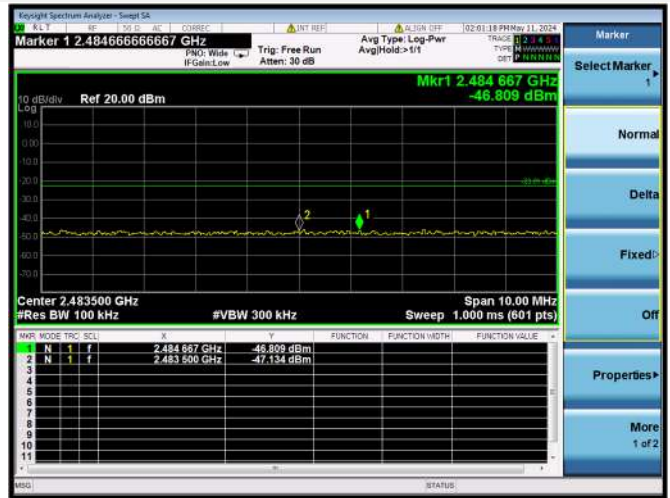




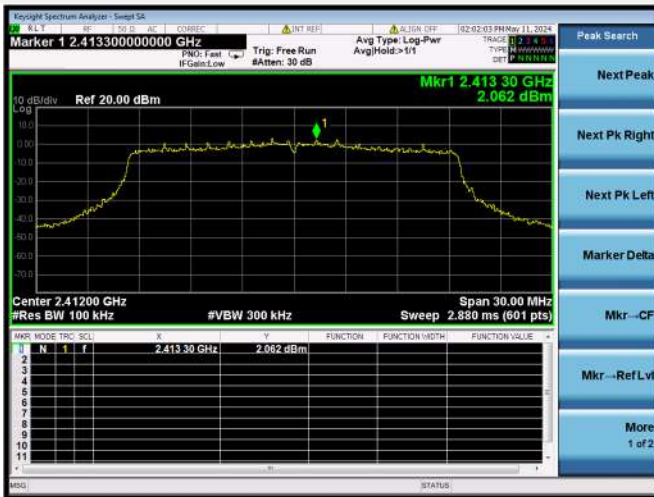
VHT40 CH9, CARRIER LEVEL



VHT40 CH9, BAND EDGE



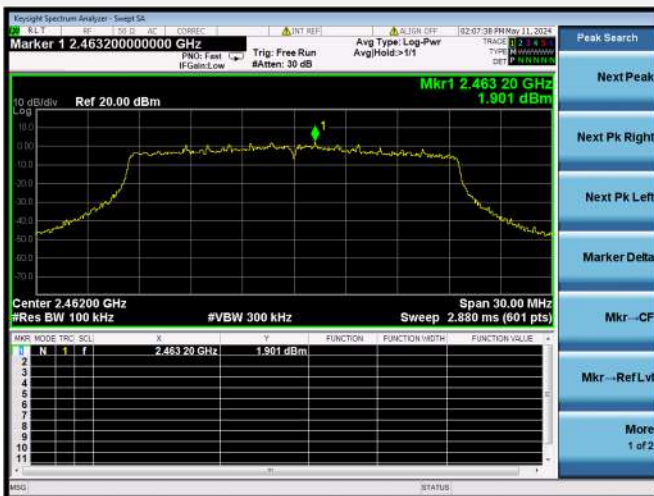
802.11ax-20 MHz(SU) CH1, CARRIER LEVEL



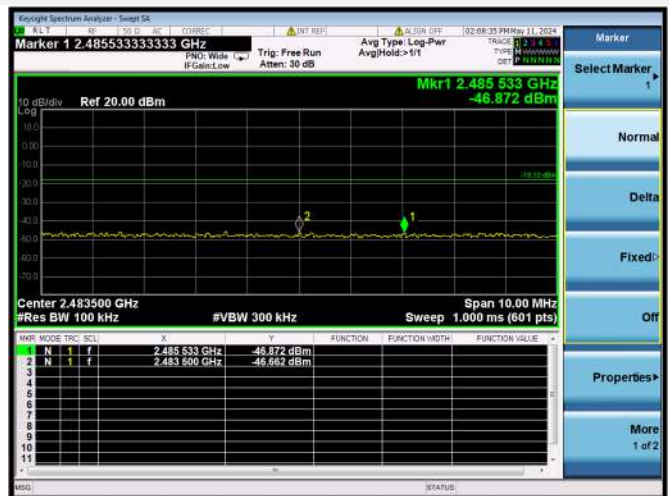
802.11ax-20 MHz(SU) CH1, BAND EDGE



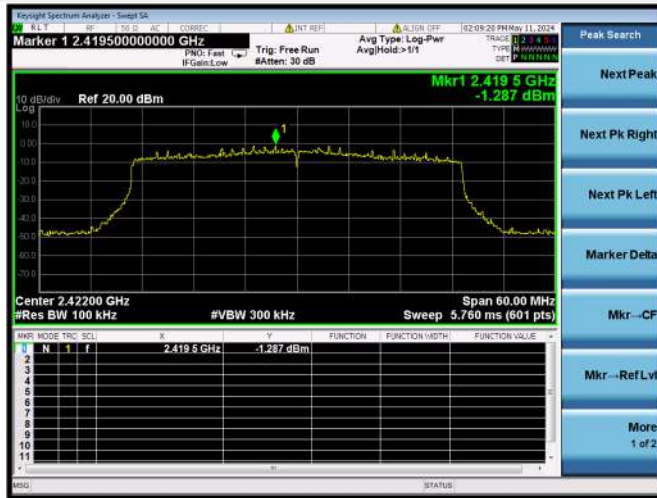
802.11ax-20 MHz(SU) CH11, CARRIER LEVEL



802.11ax-20 MHz(SU) CH11, BAND EDGE



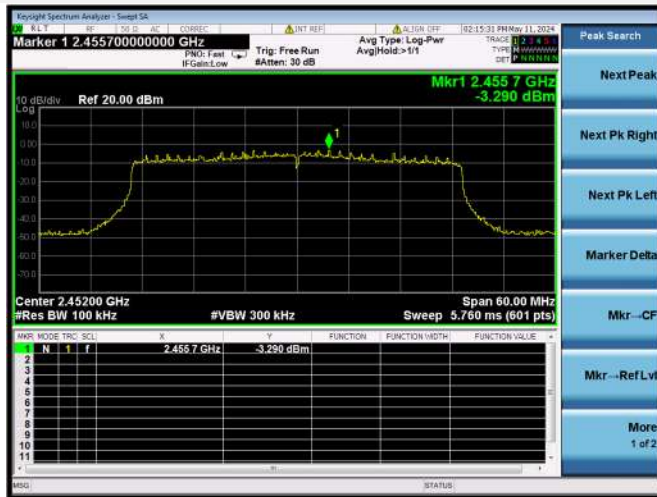
802.11ax-40 MHz(SU) CH3, CARRIER LEVEL



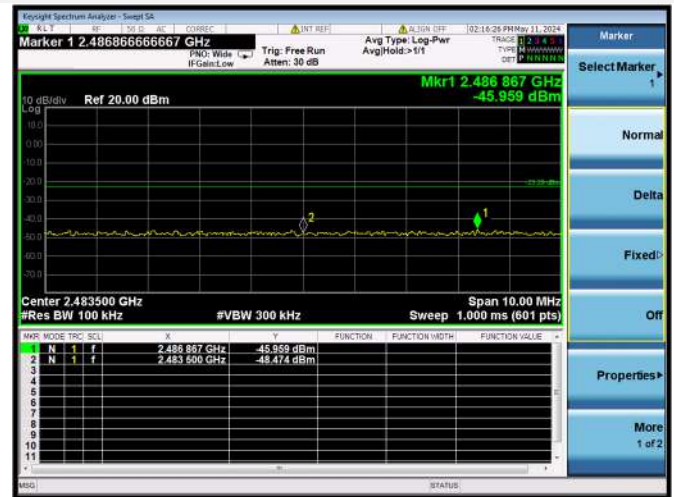
802.11ax-40 MHz(SU) CH3, BAND EDGE



802.11ax-40 MHz(SU) CH9, CARRIER LEVEL

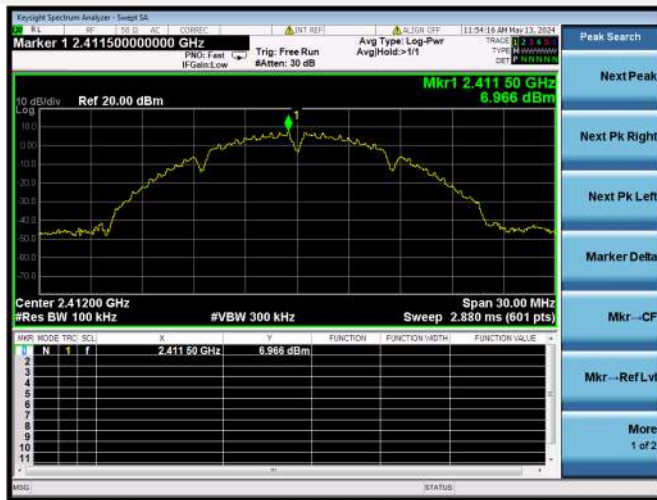


802.11ax-40 MHz(SU) CH9, BAND EDGE



MIMO ANT 1:

802.11b CH1, CARRIER LEVEL



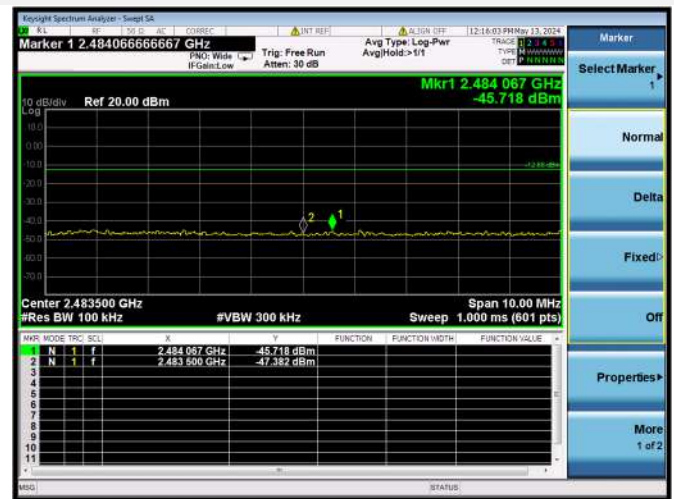
802.11b CH1, BAND EDGE



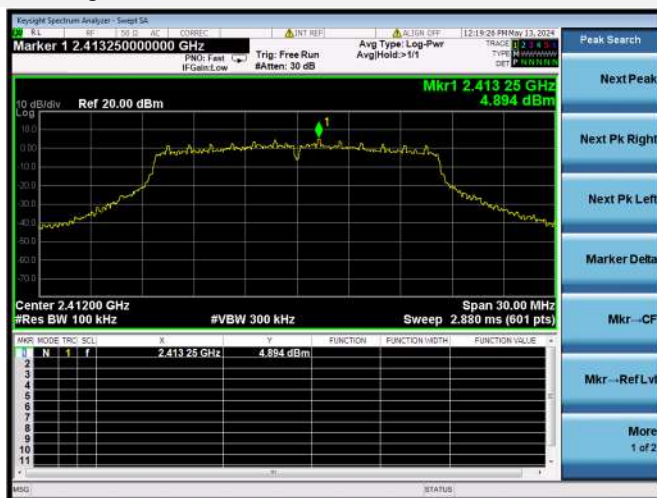
802.11b CH11, CARRIER LEVEL



802.11b CH11, BAND EDGE



802.11g CH1, CARRIER LEVEL

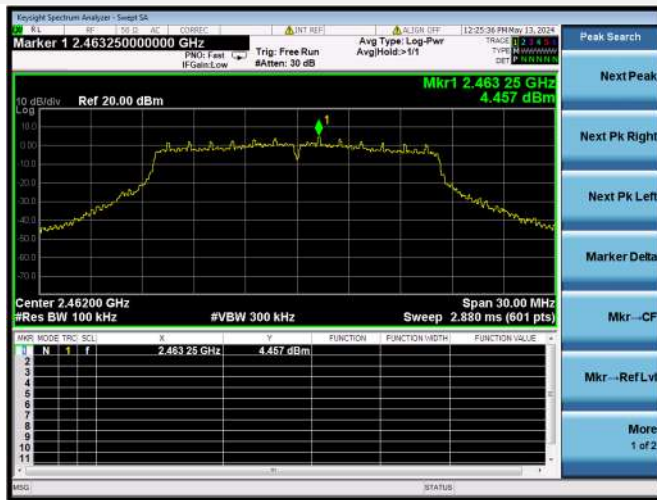


802.11g CH1, BAND EDGE

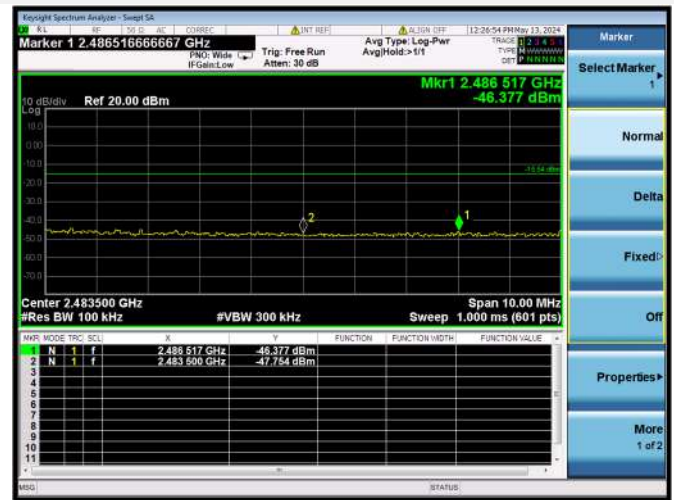




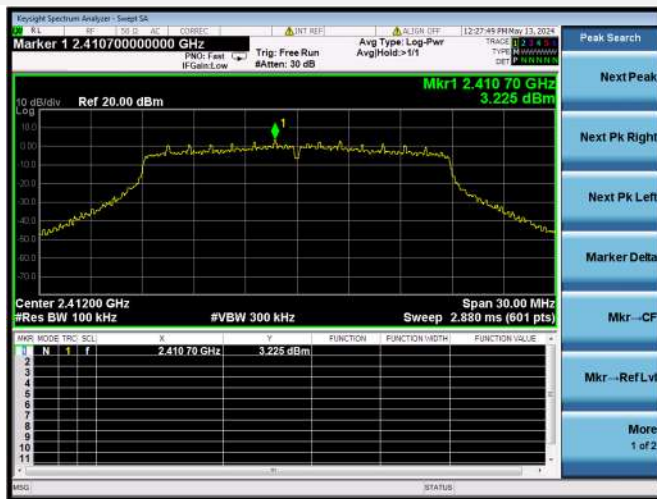
802.11g CH11, CARRIER LEVEL



802.11g CH11, BAND EDGE



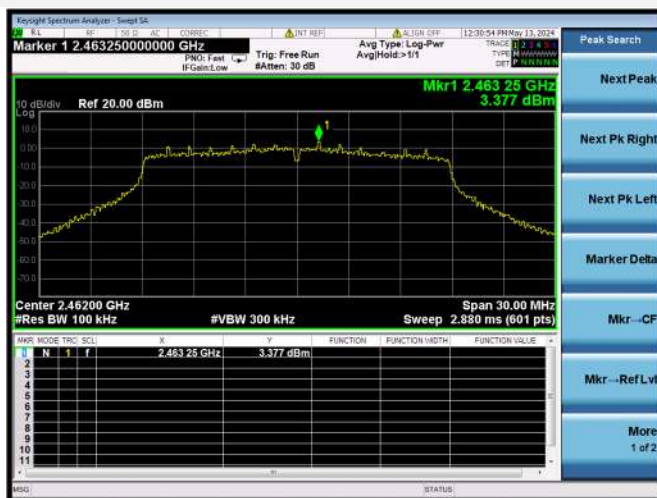
802.11n-20 MHz CH1, CARRIER LEVEL



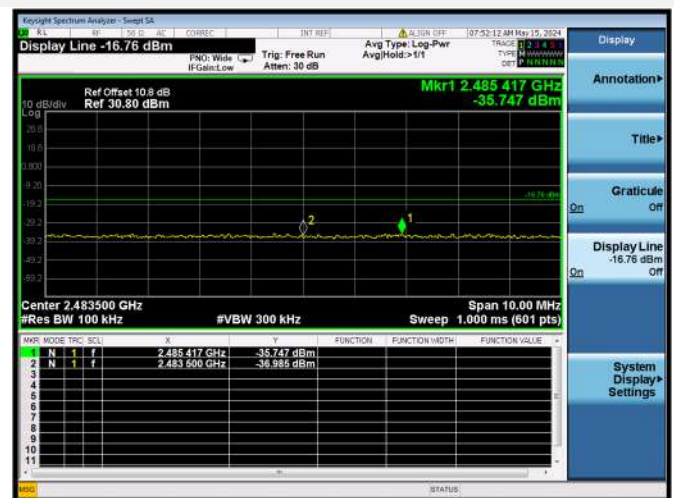
802.11n-20 MHz CH1, BAND EDGE



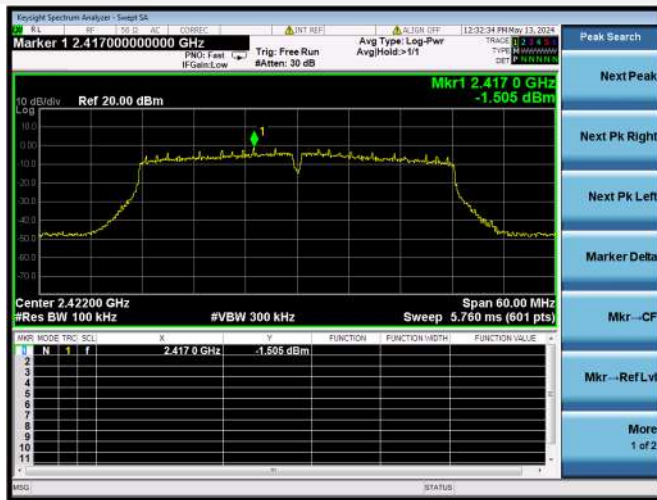
802.11n-20 MHz CH11, CARRIER LEVEL



802.11n-20 MHz CH11, BAND EDGE



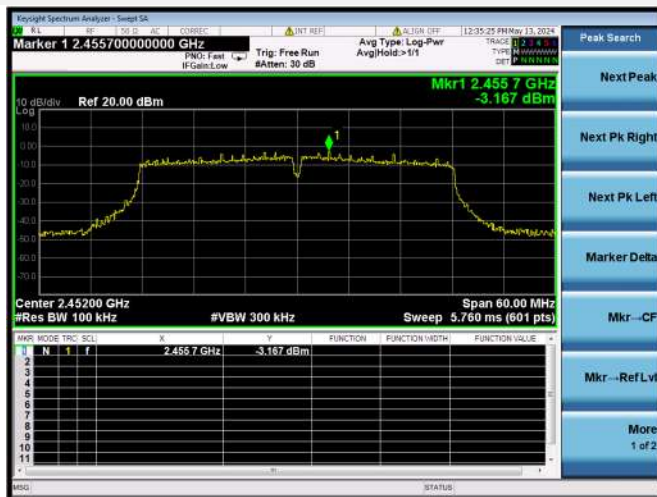
802.11n-40 MHz CH3, CARRIER LEVEL



802.11n-40 MHz CH3, BAND EDGE



802.11n-40 MHz CH9, CARRIER LEVEL



802.11n-40 MHz CH9, BAND EDGE

