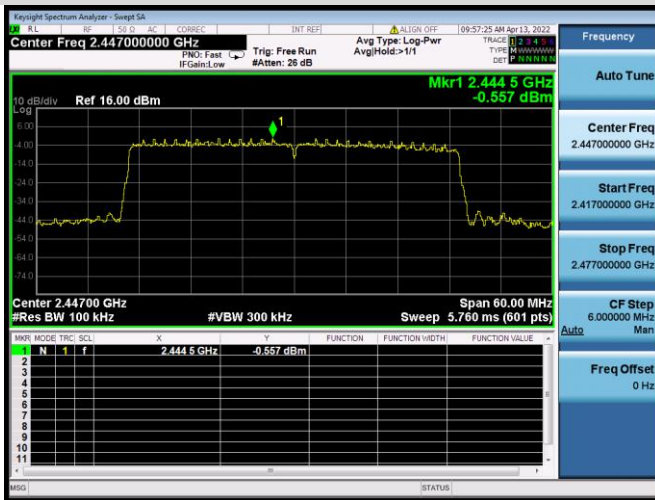
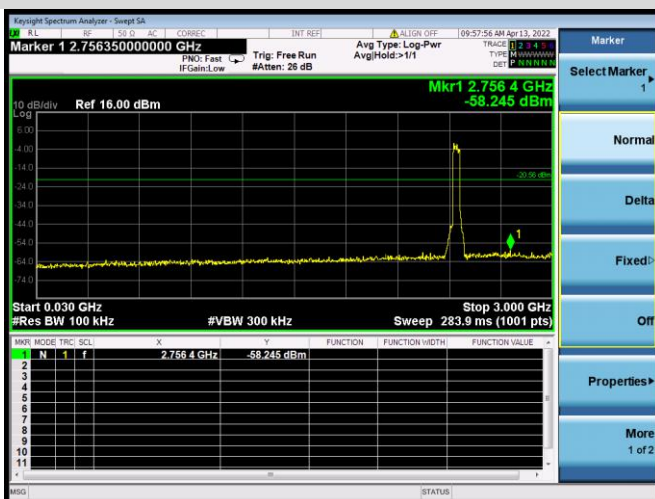
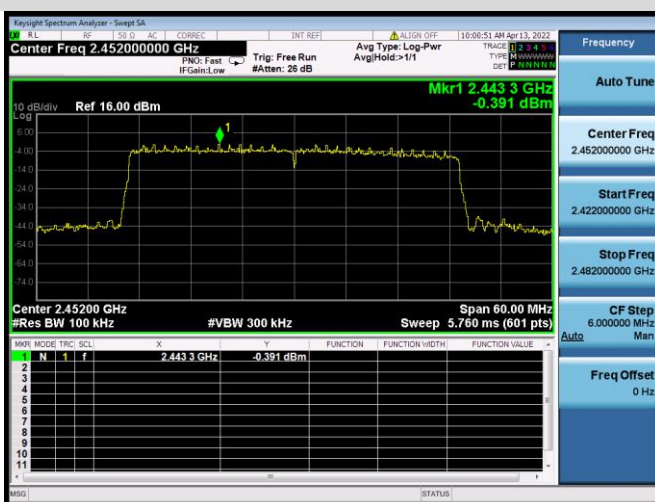
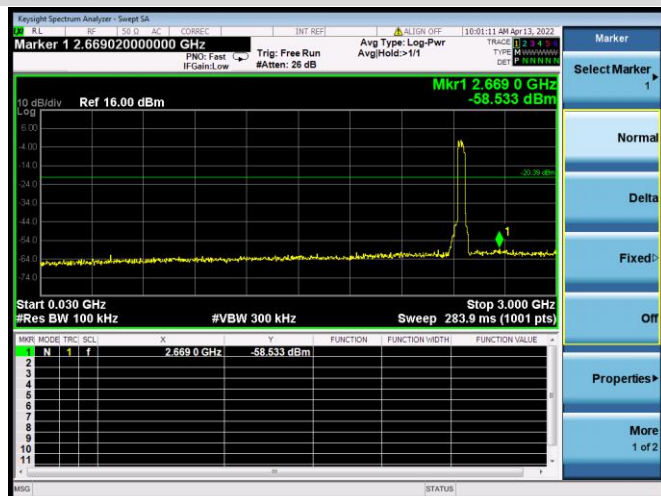
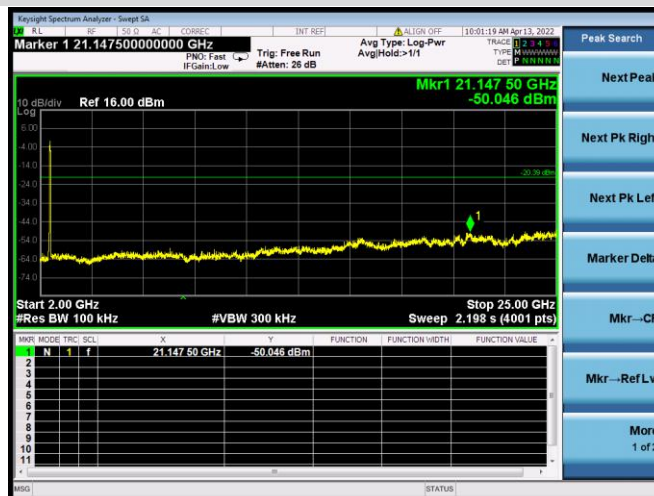


802.11ax-40 MHz CHANNEL 8 CARRIER LEVEL

802.11ax-40 MHz CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz

802.11ax-40 MHz CHANNEL 9 CARRIER LEVEL



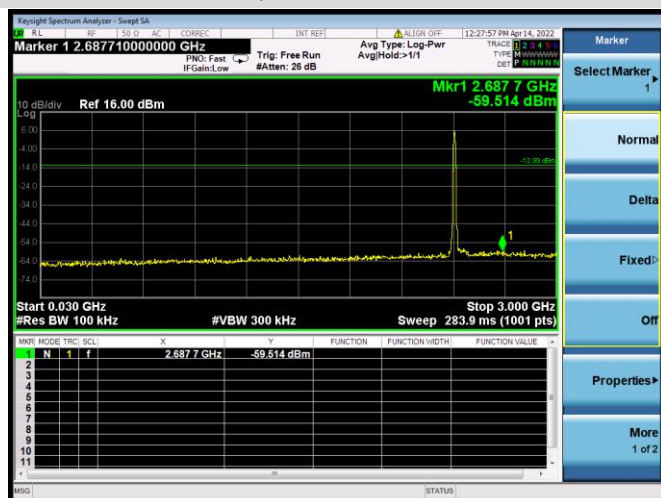
802.11ax-40 MHz CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz

Aux. Antenna

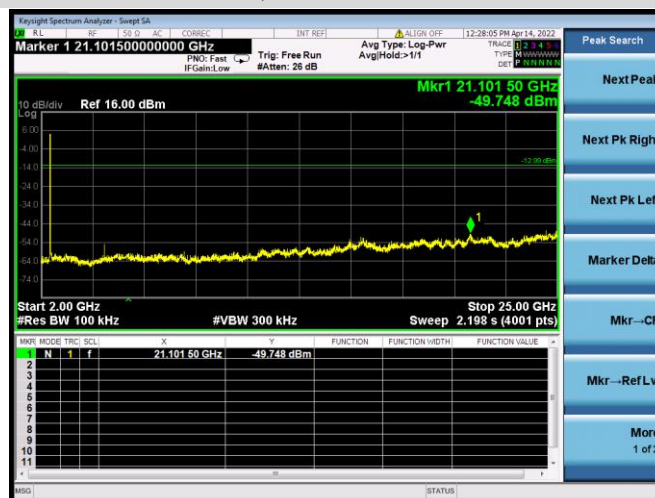
802.11b CHANNEL 1 CARRIER LEVEL



802.11b CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



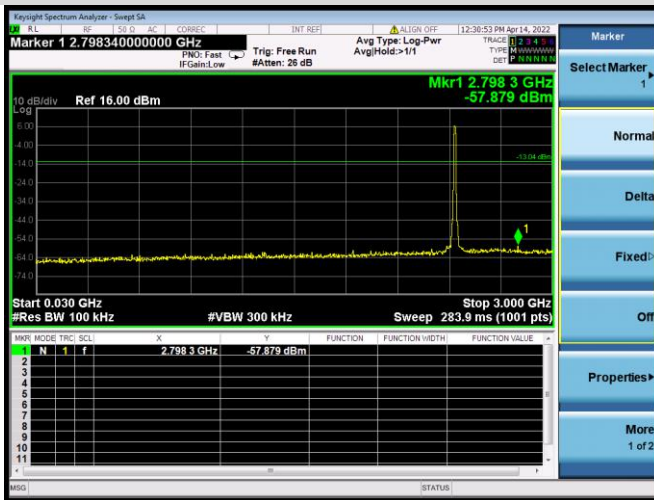
802.11b CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



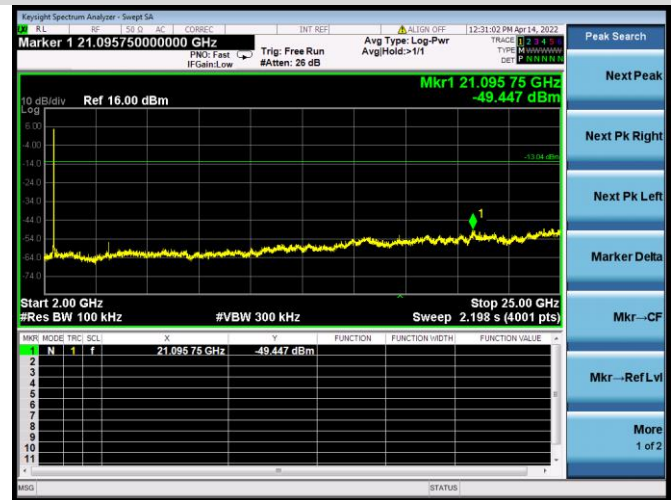
802.11b CHANNEL 6 CARRIER LEVEL



802.11b CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



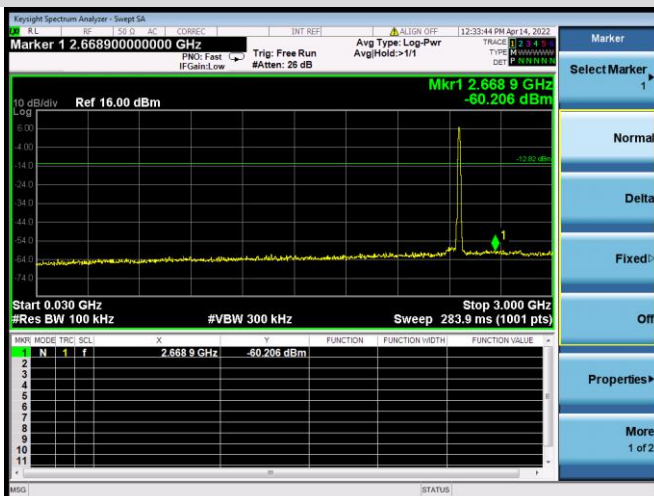
802.11b CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



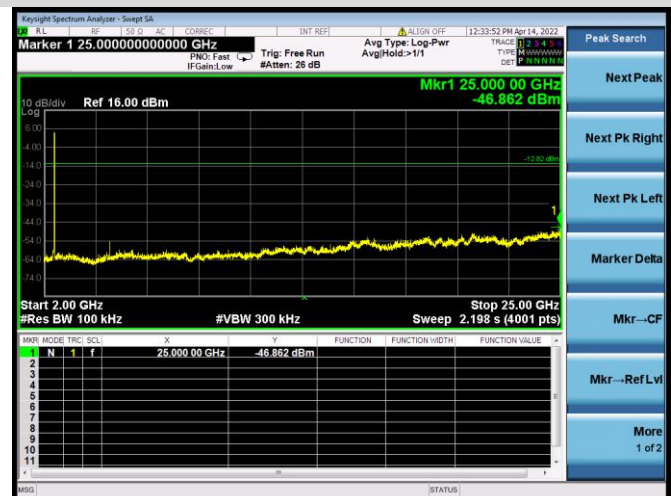
802.11b CHANNEL 11 CARRIER LEVEL



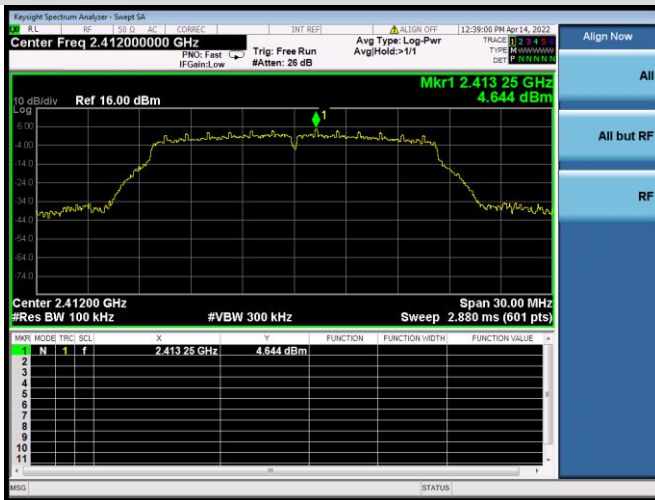
802.11b CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



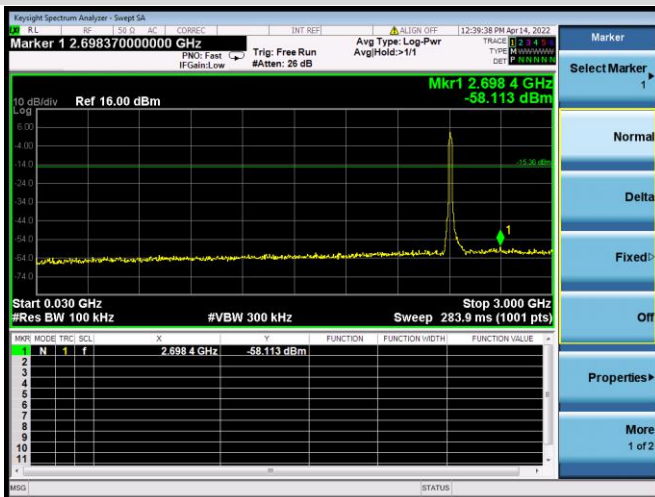
802.11b CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



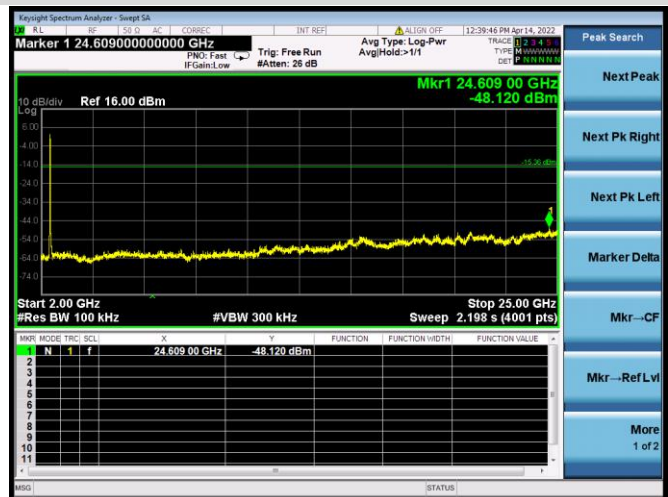
802.11g CHANNEL 1 CARRIER LEVEL



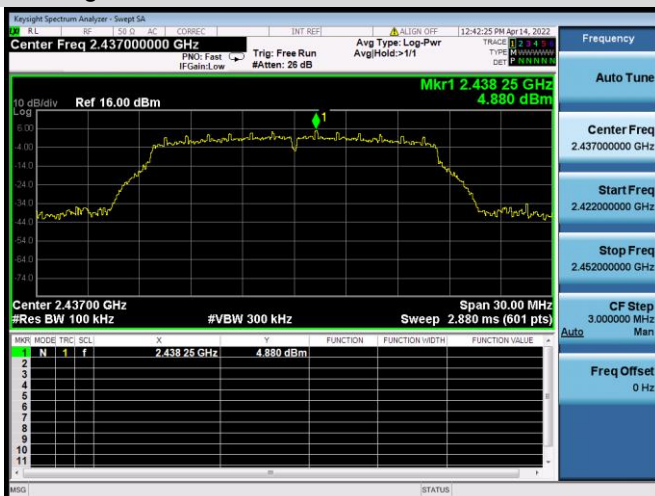
802.11g CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



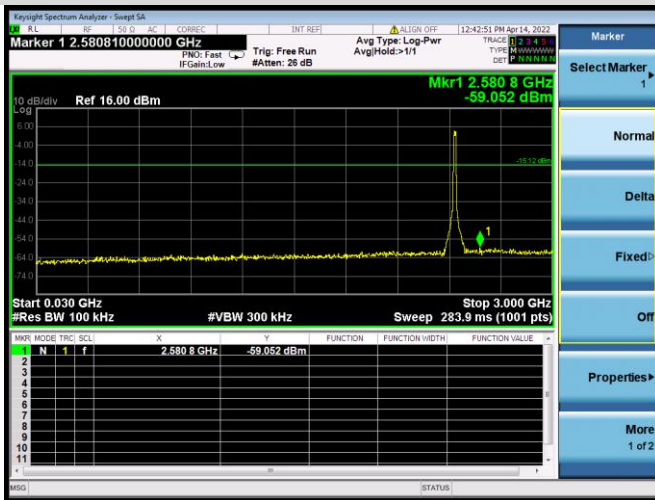
802.11g CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



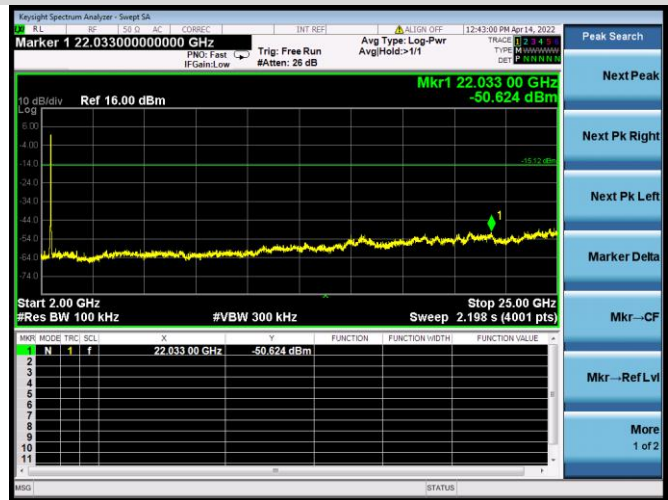
802.11g CHANNEL 6 CARRIER LEVEL



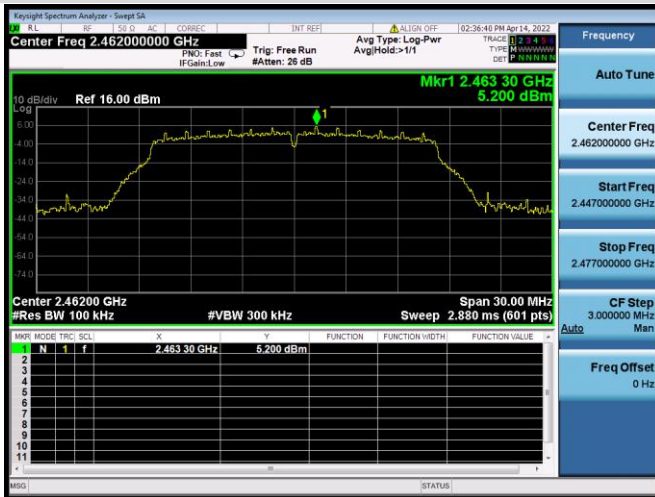
802.11g CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



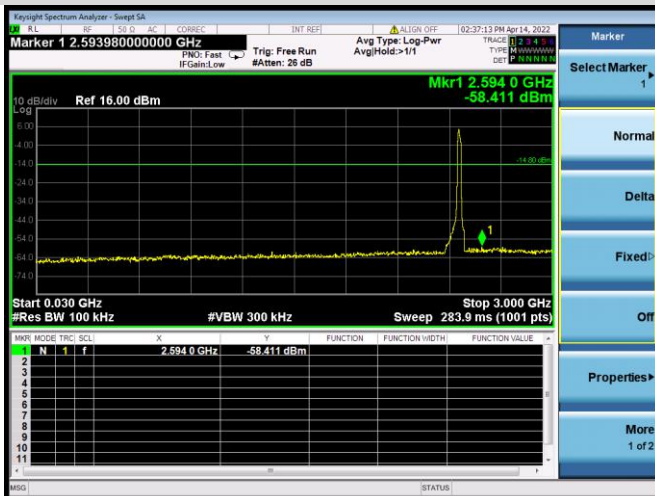
802.11g CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



802.11g CHANNEL 11 CARRIER LEVEL



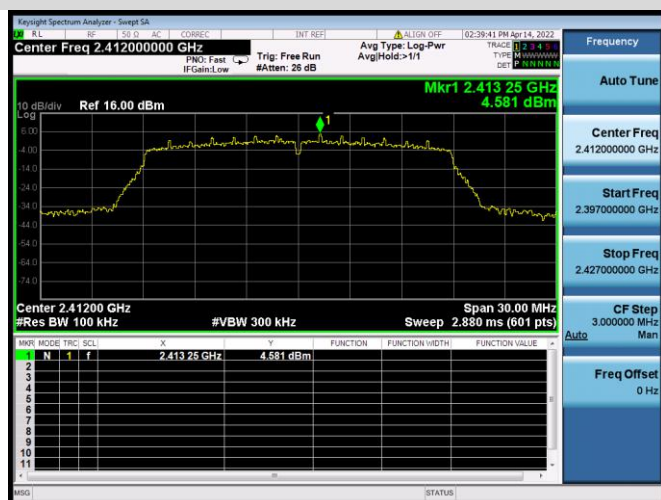
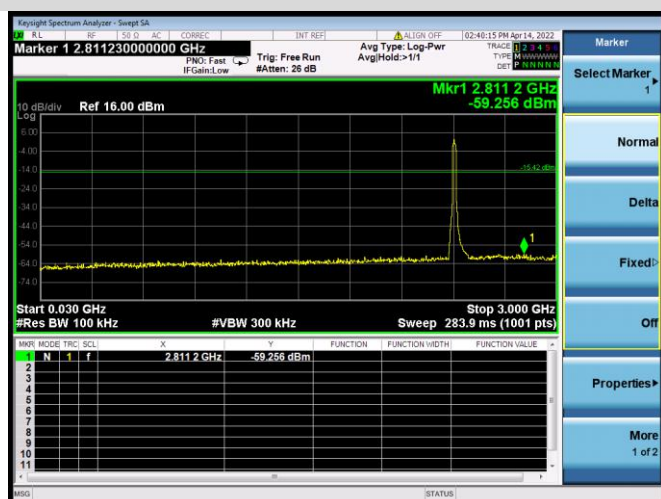
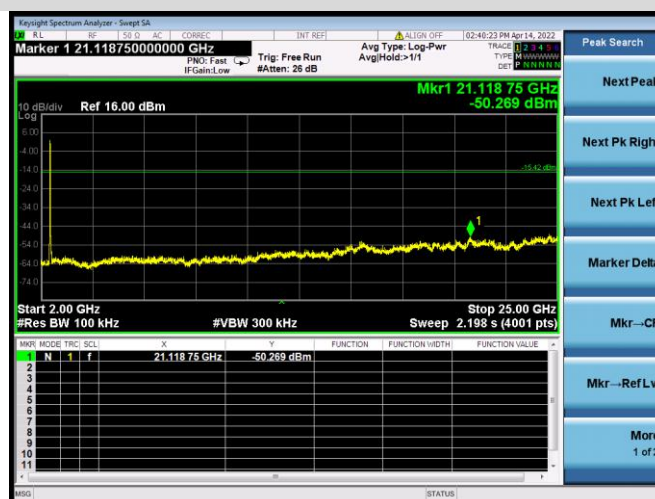
802.11g CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



802.11g CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



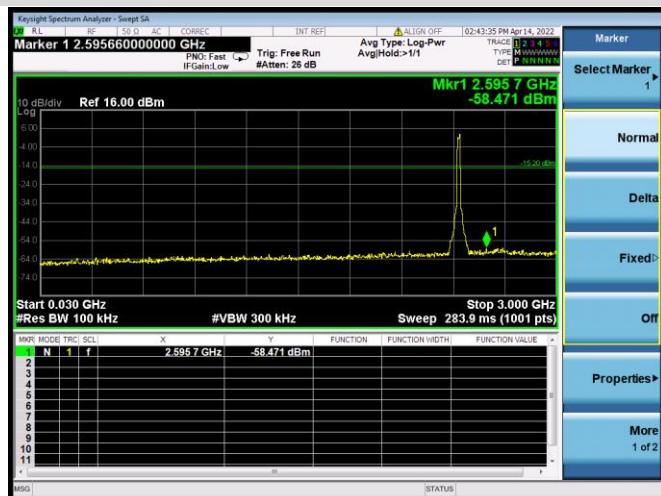
802.11n-20 MHz CHANNEL 1 CARRIER LEVEL

802.11n-20 MHz CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz802.11n-20 MHz CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz

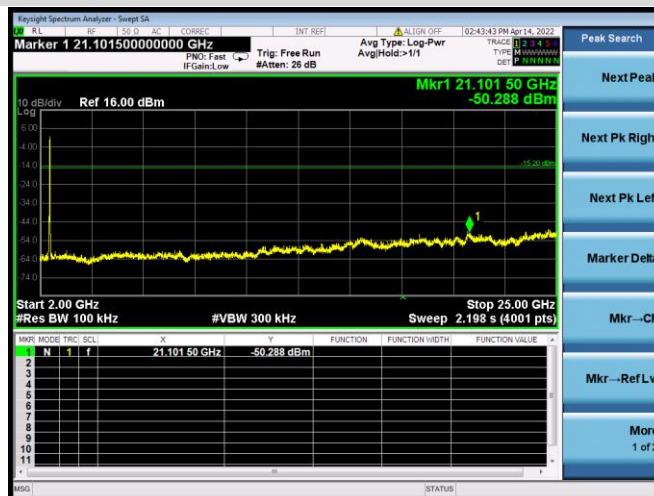
802.11n-20 MHz CHANNEL 6 CARRIER LEVEL



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



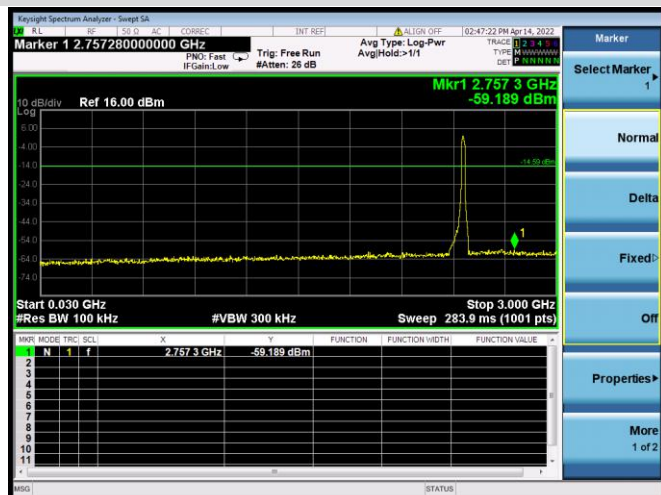
802.11n-20 MHz CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



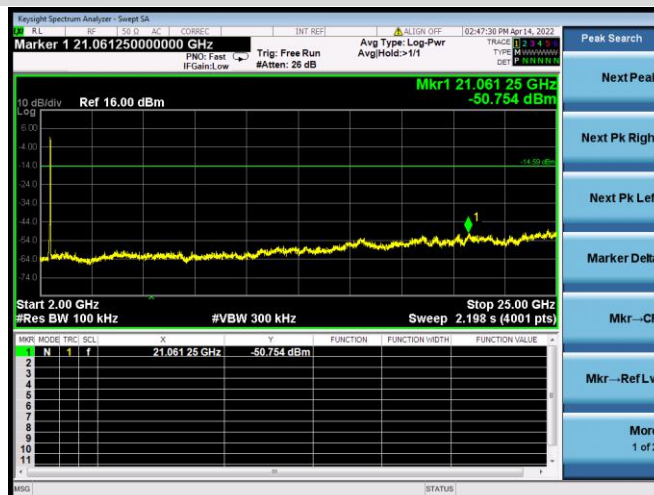
802.11n-20 MHz CHANNEL 11 CARRIER LEVEL



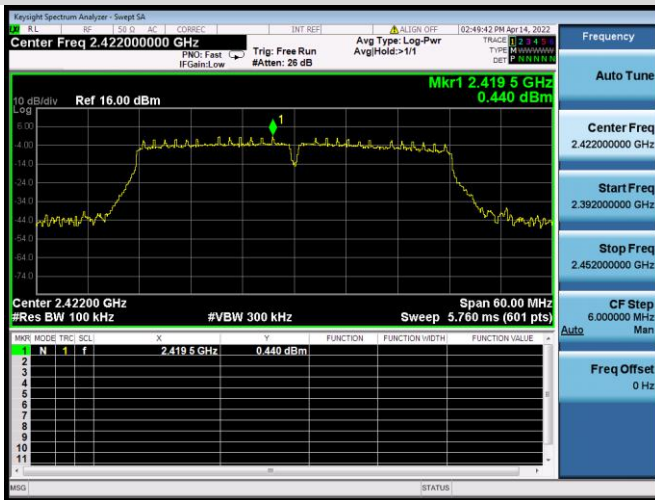
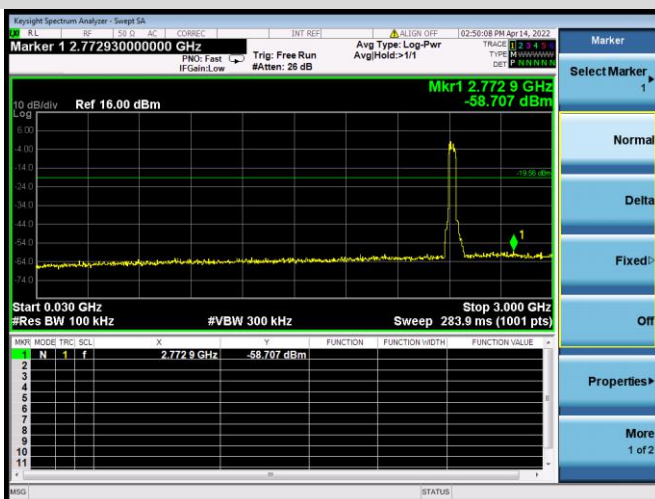
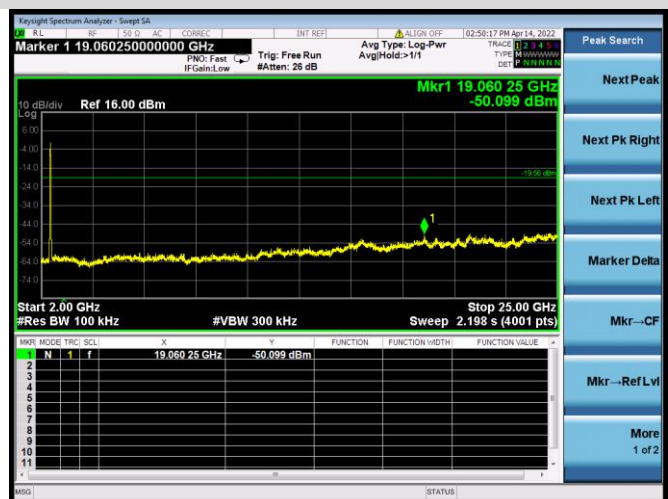
802.11n-20 MHz CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



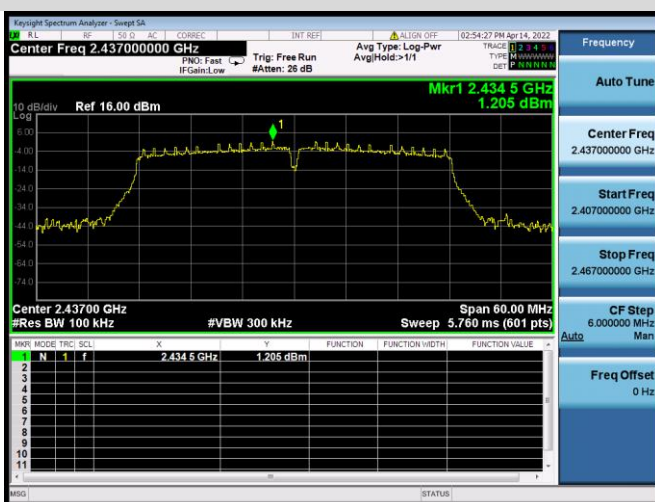
802.11n-20 MHz CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



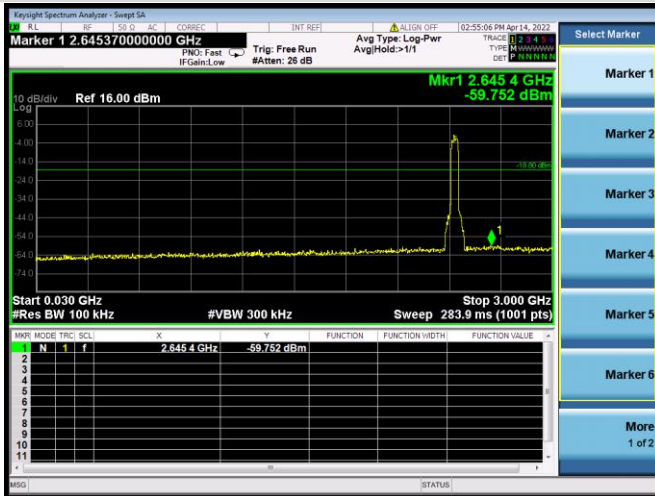
802.11n-40 MHz CHANNEL 3 CARRIER LEVEL

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

802.11n-40 MHz CHANNEL 6 CARRIER LEVEL



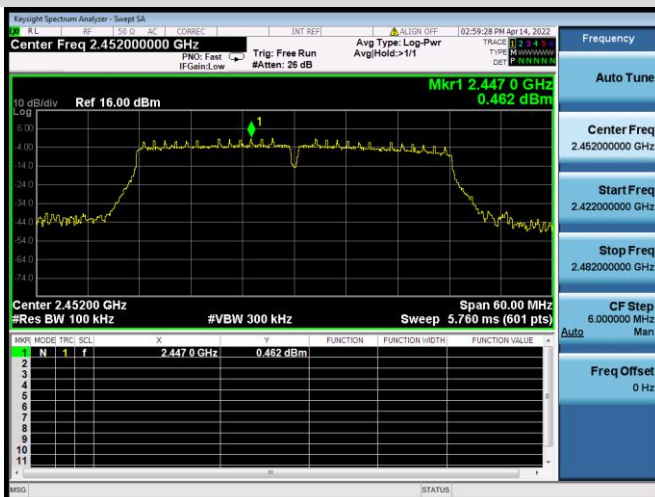
802.11n-40 MHz CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



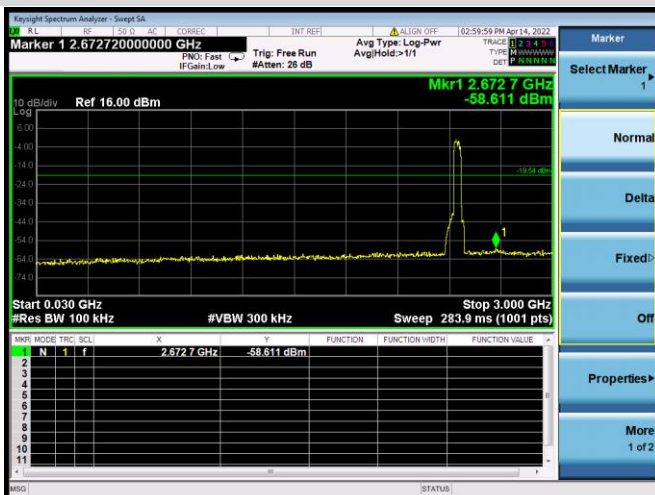
802.11n-40 MHz CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



802.11n-40 MHz CHANNEL 9 CARRIER LEVEL



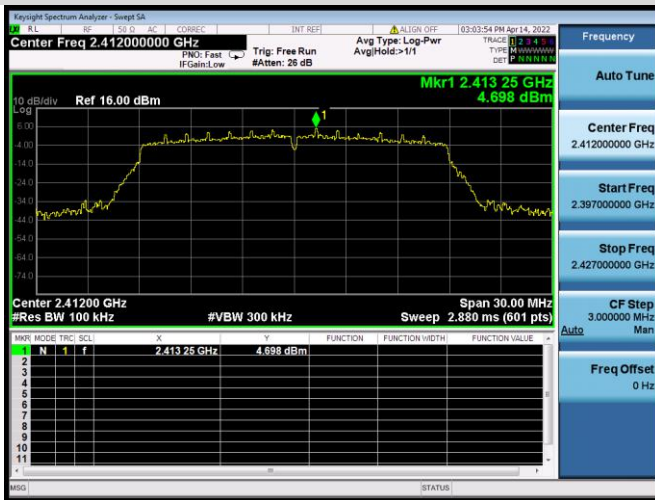
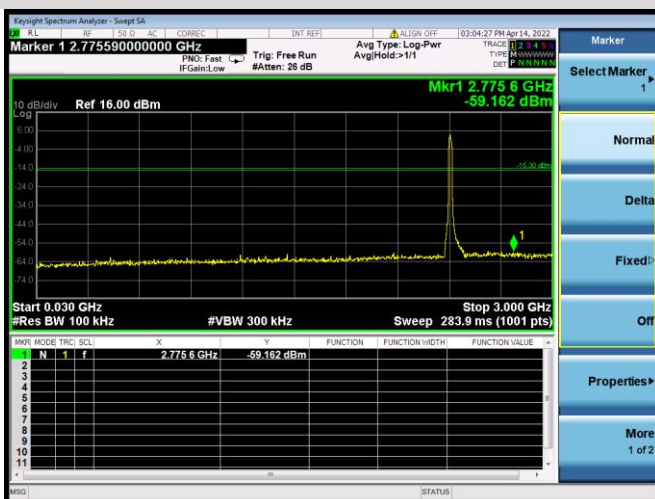
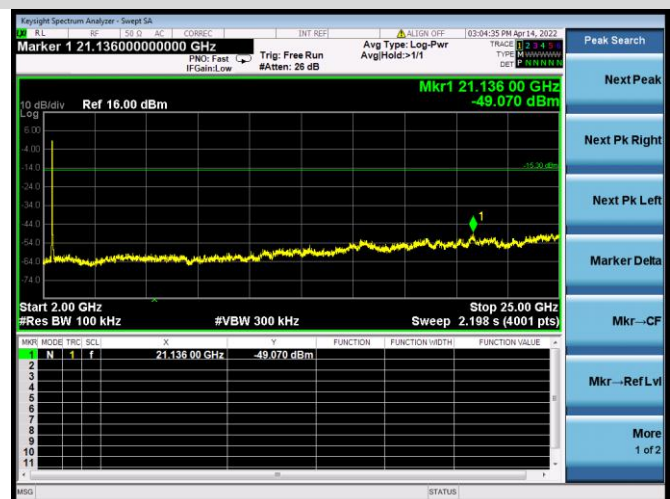
802.11n-40 MHz CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz



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



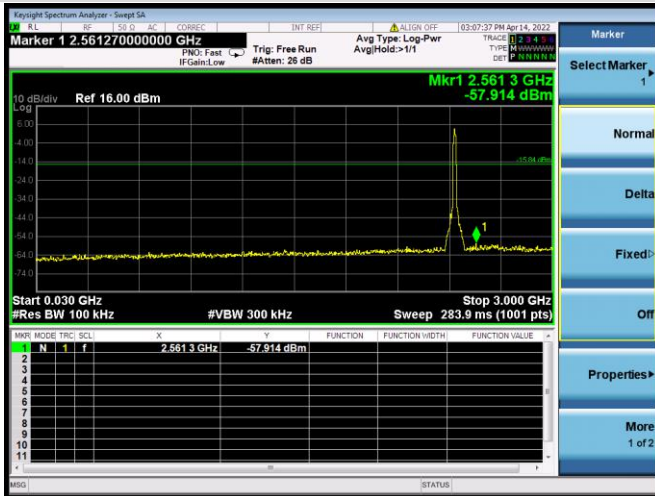
VHT-20 MHz CHANNEL 1 CARRIER LEVEL

VHT-20 MHz CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHzVHT-20 MHz CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz

VHT-20 MHz CHANNEL 6 CARRIER LEVEL



VHT-20 MHz CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



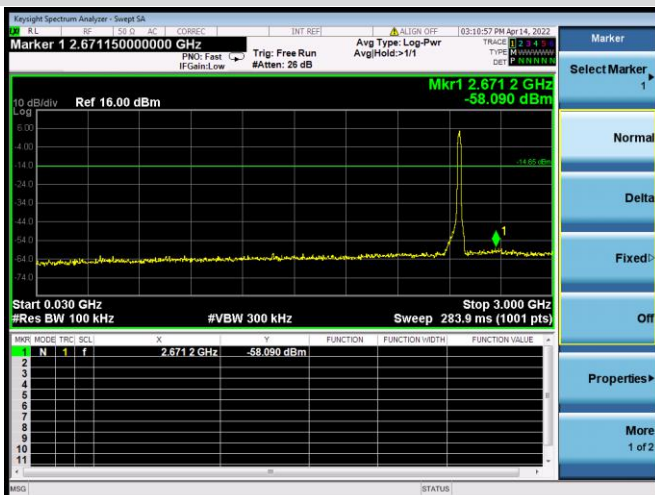
VHT-20 MHz CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



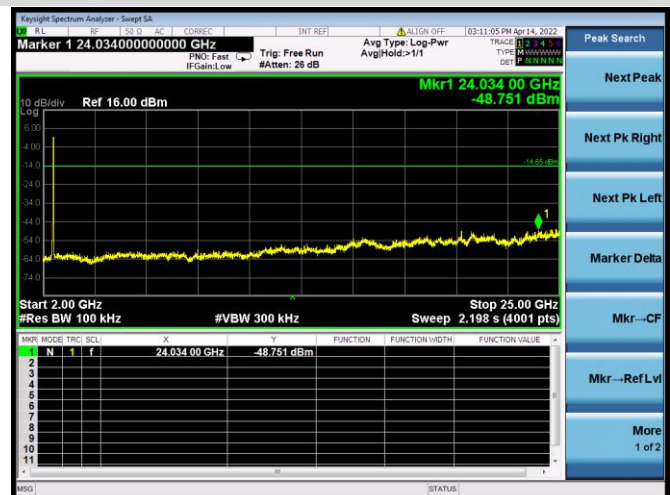
VHT-20 MHz CHANNEL 11 CARRIER LEVEL



VHT-20 MHz CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



VHT-20 MHz CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



Kaysight Spectrum Analyzer - Sweep SA

R/L RF IF EQ ZF CAL CORRECT ENT REF ALIGN OFF

Date Time: 03-13-12 PM Apr 14, 2022

Center Freq 2.42200000 GHz Trg: Free Run Avg Type: Log-Pwr Avg/Hold > 1/1 TUNE: REZ 1A TYPE: N WWWW DET: R NRNRN

FWD: Fast I/F Gain Low #Atten: 26 dB

Mkr1 2.419 S GHZ
0.496 dBm

10 dB/div Ref 16.00 dBm

Log

Center 2.42200 GHz Res BW 100 kHz Span 60.00 MHz

#VBW 300 kHz Sweep 5.760 ms (601 pts)

MR	MODE	TBW	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
N	I	f		2.419 S GHz	0.496 dBm			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Keysight Spectrum Analyzer - Sweep 5A

Marker 1 2.758080000000 GHz

Trig: Free Run
#Atten: 26 dB

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

03:13:38 PM Apr 14, 2022

Trace File: N/A

Type: N

Def: N

10 dB/dIV Ref 16.00 dBm

Log

6.00

-4.00

-14.0

-24.0

-34.0

-44.0

-54.0

-64.0

-74.0

Mkr1 2.7581 GHz
-59.327 dBm

03:50 dBm

1

Start 0.030 GHz
#Res BW 100 kHz

Stop 3.000 GHz
#VBW 300 kHz
Sweep 283.9 ms (1001 pts)

Marker	Mode	Type	SQL	F	T	Function	Function Width	Function Value
1	N	f	2.7581 GHz	-59.327 dBm				

Properties >

More 1 of 2

[illegible]

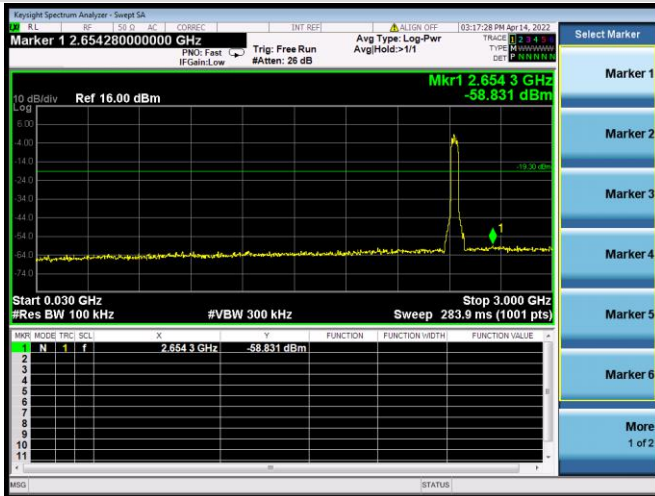
The screenshot displays the Keysight Spectrum Analyzer software interface. At the top, the title bar reads "Keysight Spectrum Analyzer - Swept SA". The main window is divided into several sections:

- Top Panel:** Contains controls for RF, FID, DC, CORRECTION, ENT REF, and a date/time stamp: 03:16:59 PM Apr 14, 2022.
- Center Frequency:** Set to 2.43700000 GHz.
- Resolution Bandwidth (RBW):** Set to 300 kHz.
- Sweep Time:** 5.760 ms (601 pts).
- Span:** 60.00 MHz.
- Reference Level:** 16.00 dBm.
- Marker:** A single marker is present at 2.4345 GHz with a level of 0.699 dBm.
- Trig:** Free Run.
- Avg Type:** Log-Pwr.
- Avg/Hold:** >1/1.
- IF Gain:** Low.
- #Atten:** 26 dB.

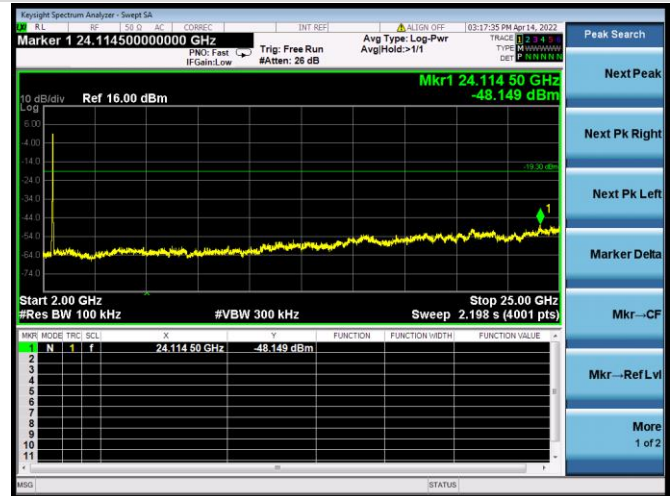
The central plot area shows a frequency spectrum from approximately 2.377 GHz to 2.497 GHz. The y-axis represents power in dBm, ranging from -74.0 to 10.0. A yellow trace shows the signal spectrum, with a prominent peak at the marked frequency of 2.4345 GHz.

On the right side, there are additional panels for "Frequency" (Auto Tune), "Center Freq" (2.437000000 GHz), "Start Freq" (2.407000000 GHz), "Stop Freq" (2.467000000 GHz), "CF Step" (6.000000 MHz), and "Freq Offset" (0 Hz). The bottom status bar indicates "MSO" and "STATUS".

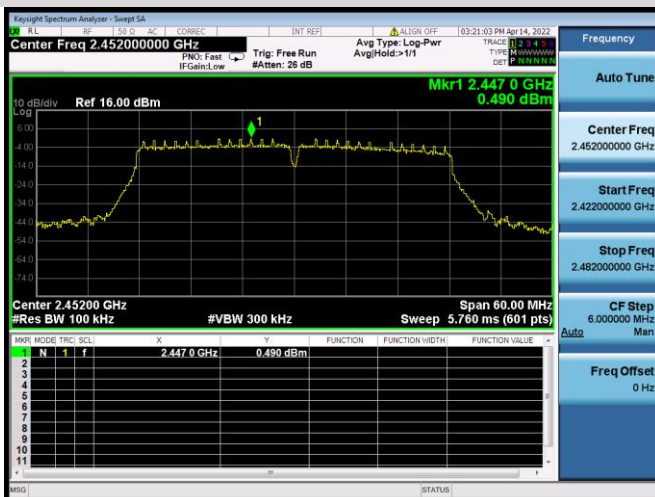
VHT-40 MHz CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



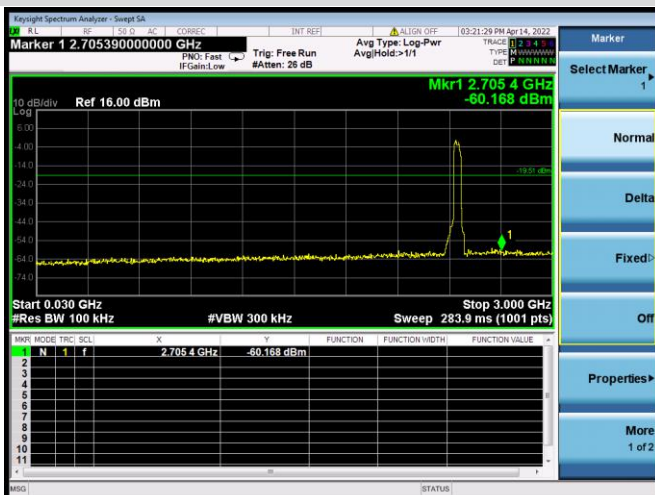
VHT-40 MHz CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



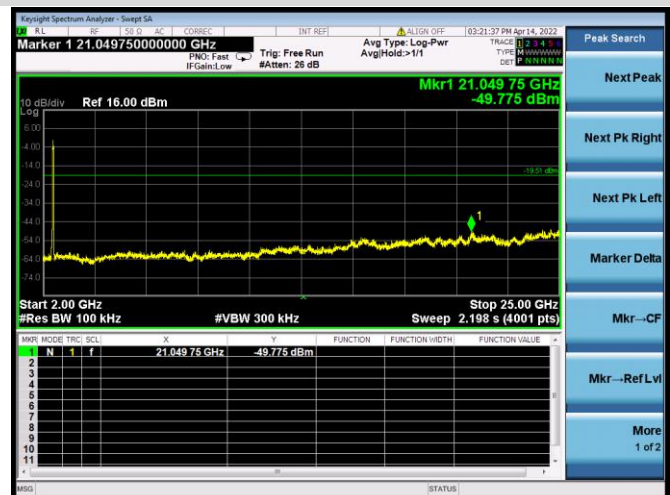
VHT-40 MHz CHANNEL 9 CARRIER LEVEL



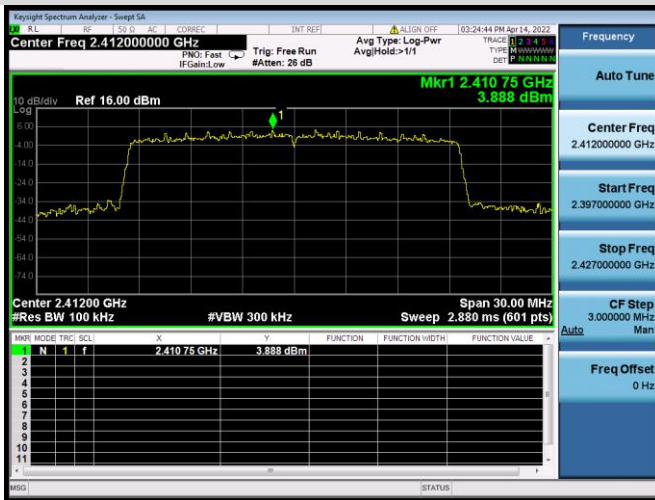
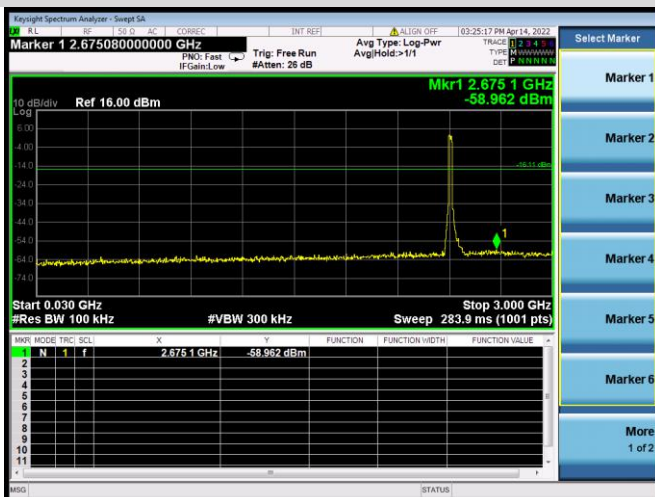
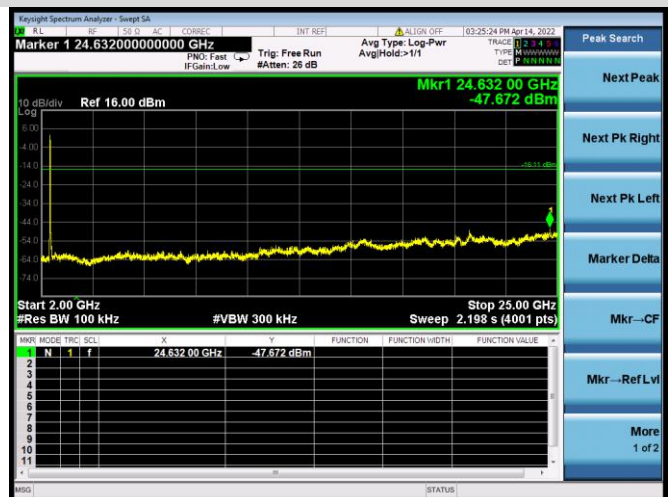
VHT-40 MHz CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz



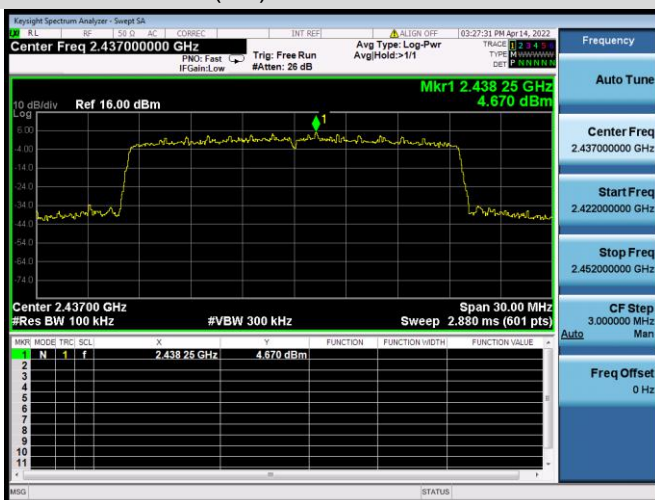
VHT-40 MHz CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz



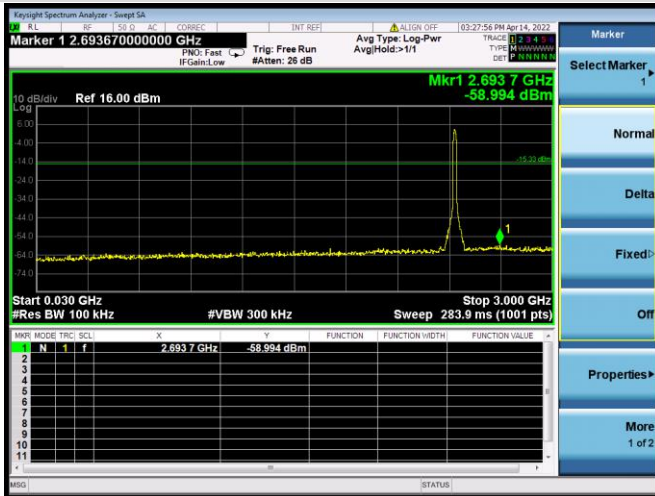
802.11ax-20 MHz(SU) CHANNEL 1 CARRIER LEVEL

802.11ax-20 MHz(SU) CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz802.11ax-20 MHz(SU) CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz

802.11ax-20 MHz(SU) CHANNEL 6 CARRIER LEVEL



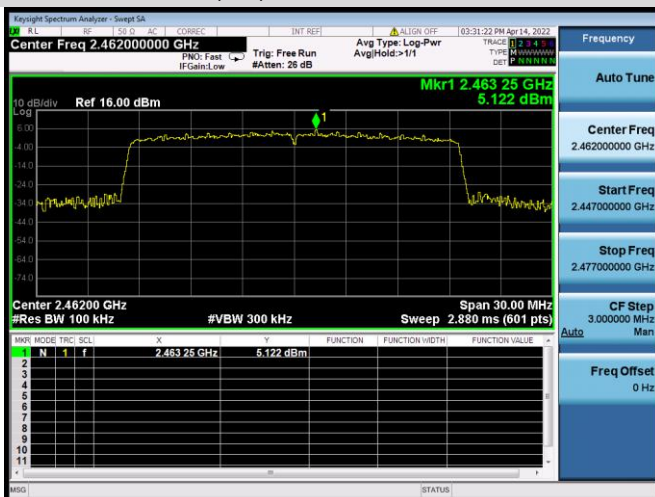
802.11ax-20 MHz(SU) CHANNEL 6, SPURIOUS MHz ~ 3 GHz



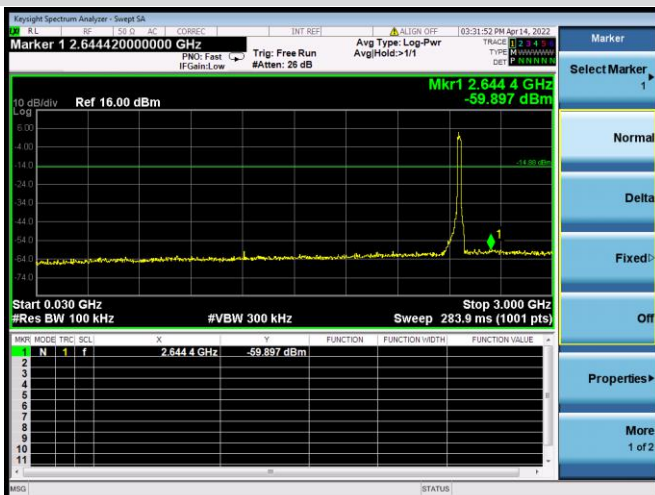
802.11ax-20 MHz(SU) CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-20 MHz(SU) CHANNEL 11 CARRIER LEVEL



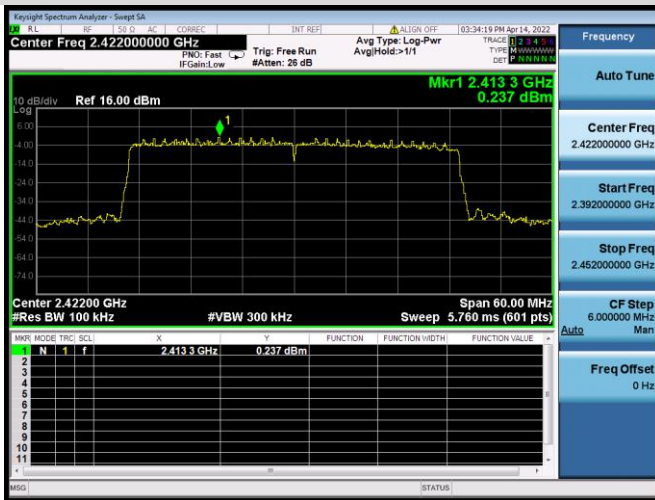
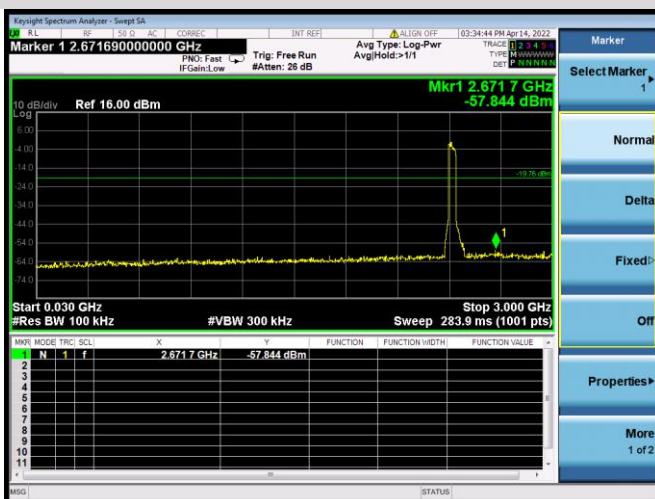
802.11ax-20 MHz(SU) CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



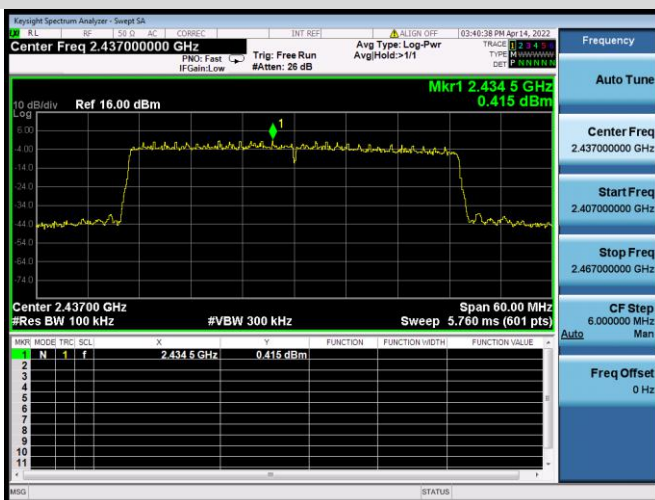
802.11ax-20 MHz(SU) CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



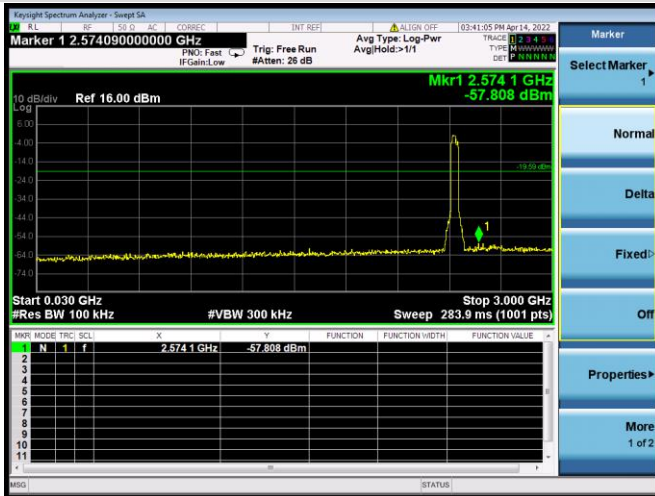
802.11ax-40 MHz CHANNEL 3 CARRIER LEVEL

802.11ax-40 MHz CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz802.11ax-40 MHz CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz

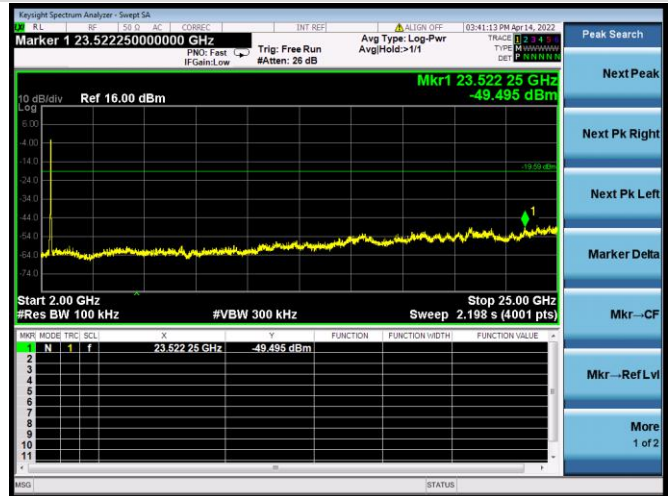
802.11ax-40 MHz CHANNEL 6 CARRIER LEVEL



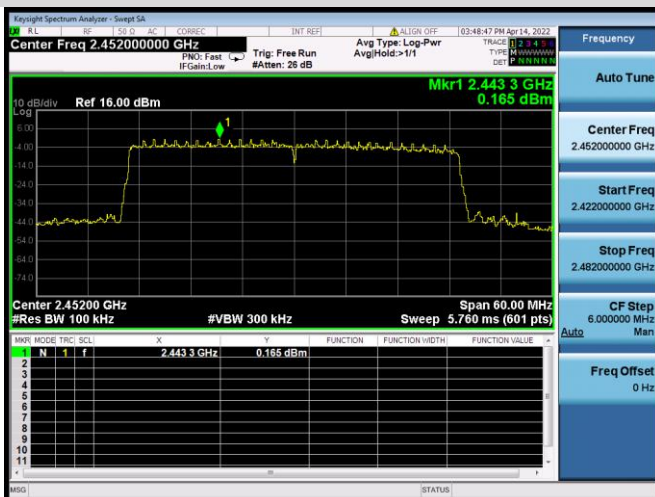
802.11ax-40 MHz CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



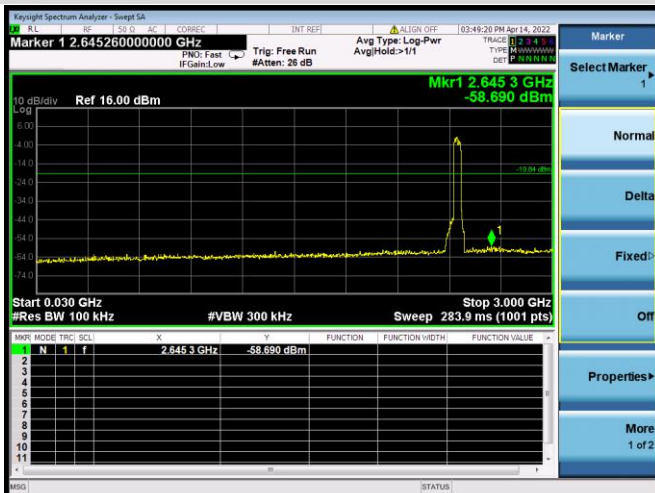
802.11ax-40 MHz CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



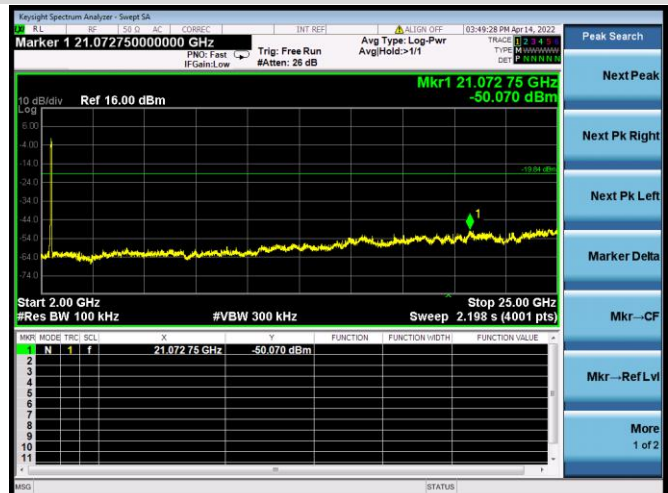
802.11ax-40 MHz CHANNEL 9 CARRIER LEVEL



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



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

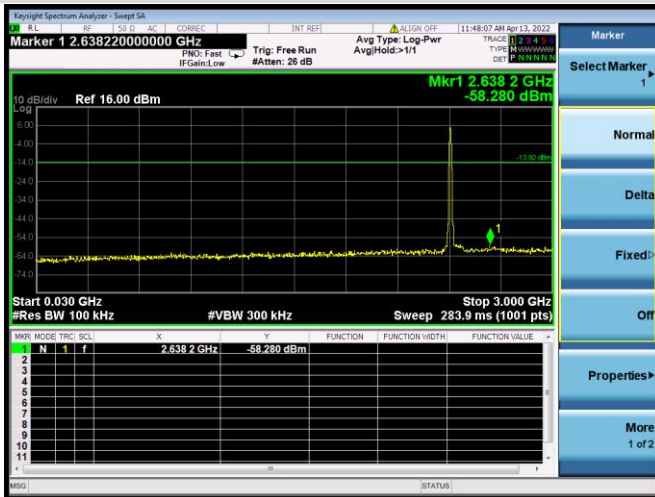


MIMO-Main Antenna

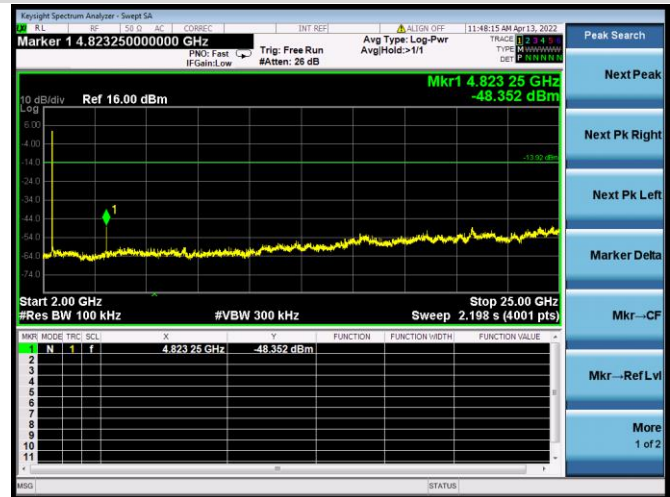
802.11b CHANNEL 1 CARRIER LEVEL



802.11b CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



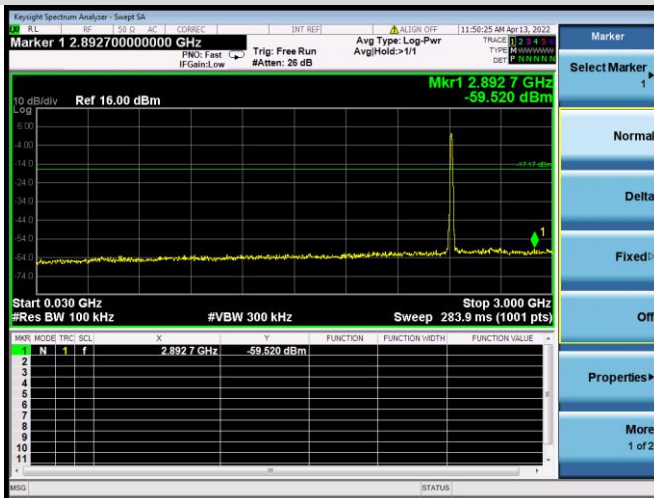
802.11b CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



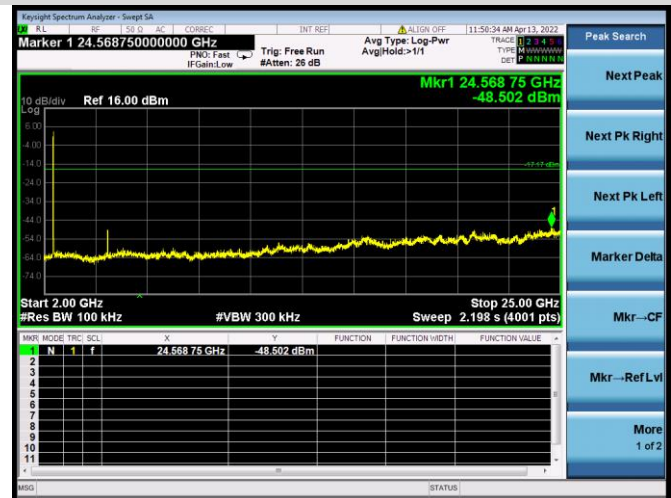
802.11b CHANNEL 2 CARRIER LEVEL



802.11b CHANNEL 2, SPURIOUS 30 MHz ~ 3 GHz



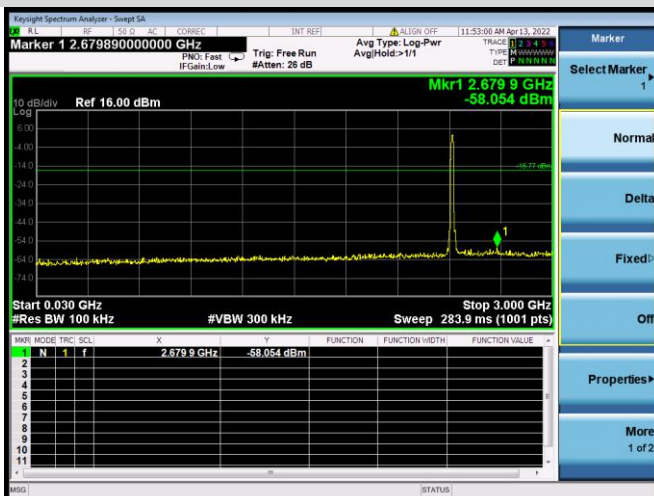
802.11b CHANNEL 2, SPURIOUS 2 GHz ~ 25 GHz



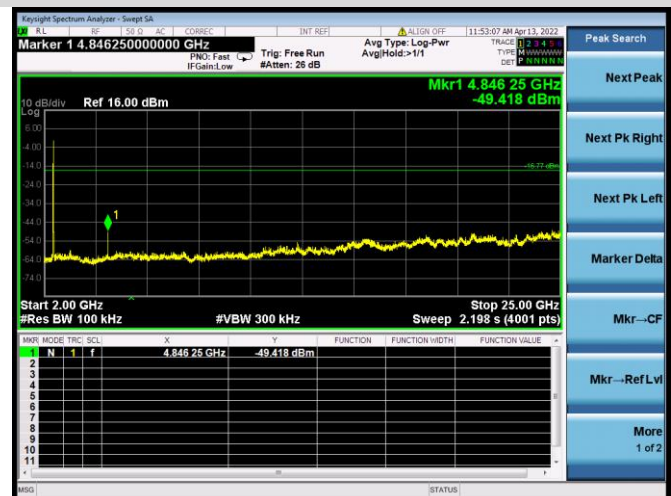
802.11b CHANNEL 3 CARRIER LEVEL



802.11b CHANNEL 3, SPURIOUS 30 MHz ~ 3 GHz



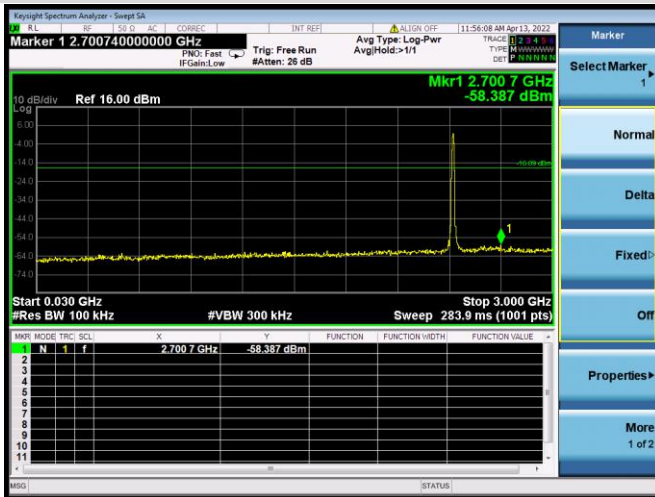
802.11b CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz



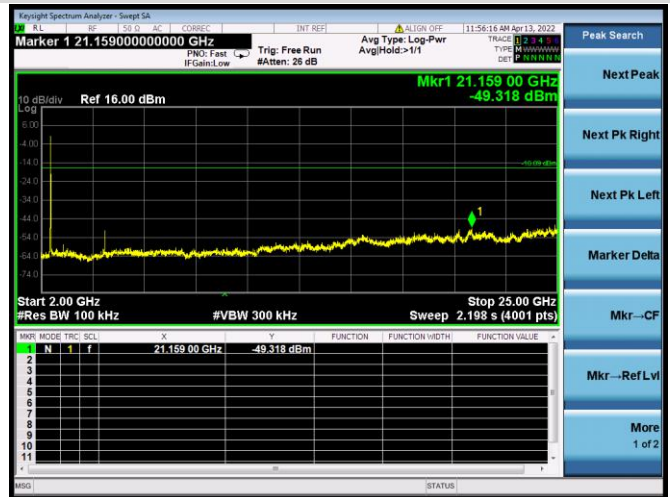
802.11b CHANNEL 4 CARRIER LEVEL



802.11b CHANNEL 4, SPURIOUS 30 MHz ~ 3 GHz



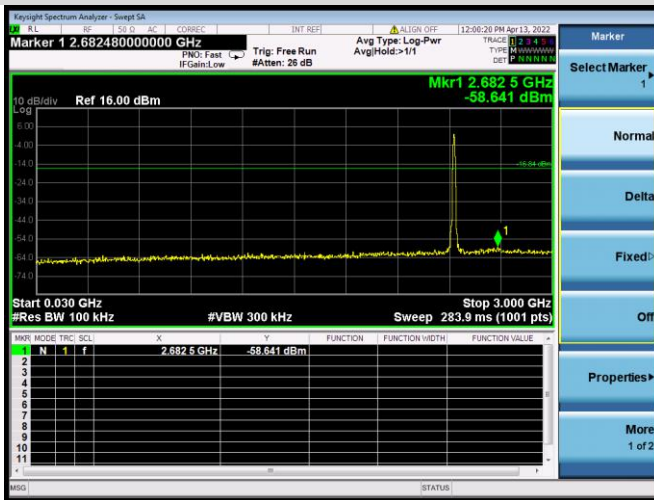
802.11b CHANNEL 4, SPURIOUS 2 GHz ~ 25 GHz



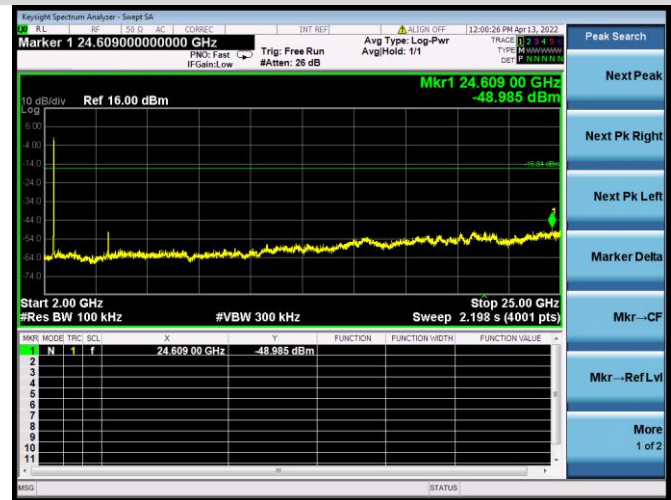
802.11b CHANNEL 5 CARRIER LEVEL



802.11b CHANNEL 5, SPURIOUS 30 MHz ~ 3 GHz



802.11b CHANNEL 5, SPURIOUS 2 GHz ~ 25 GHz



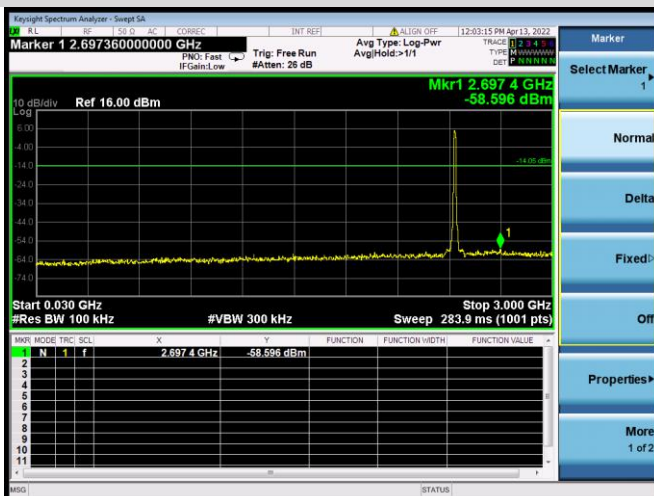
802.11b CHANNEL 6 CARRIER LEVEL



802.11b CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



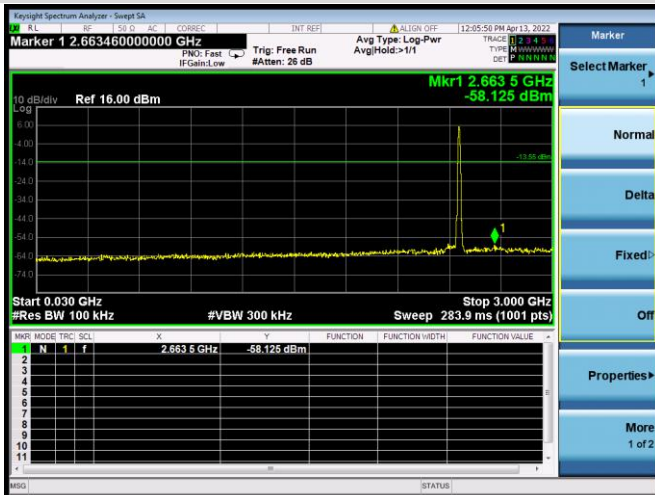
802.11b CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



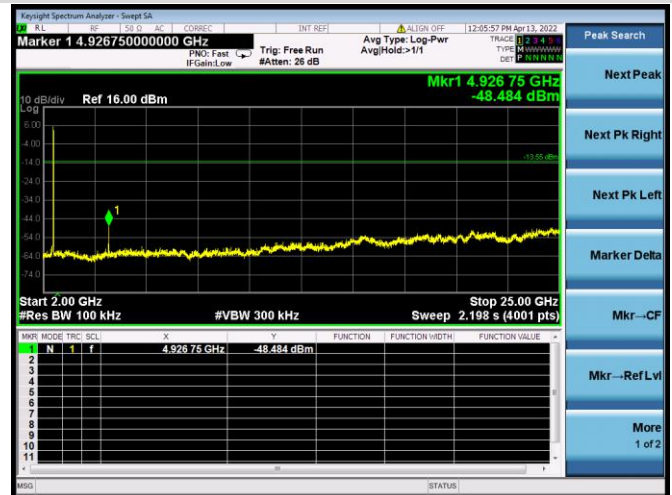
802.11b CHANNEL 11 CARRIER LEVEL



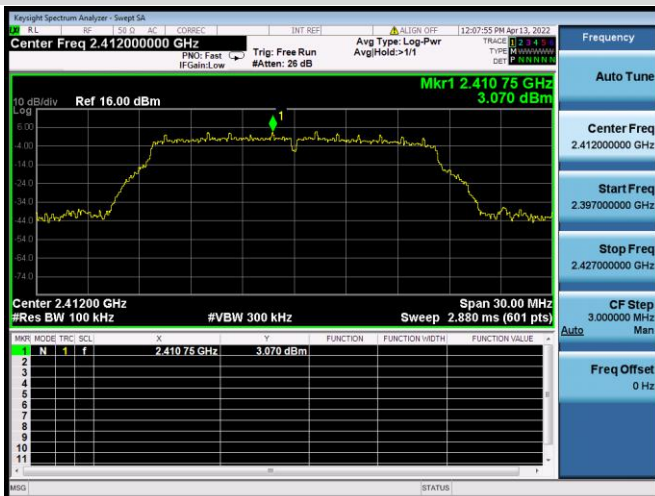
802.11b CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



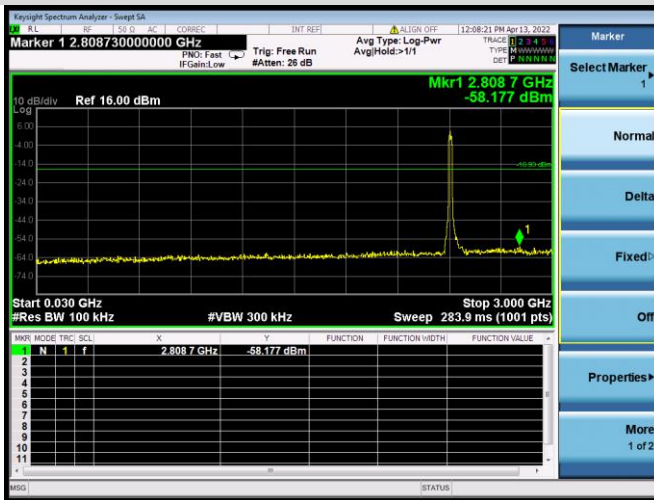
802.11b CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



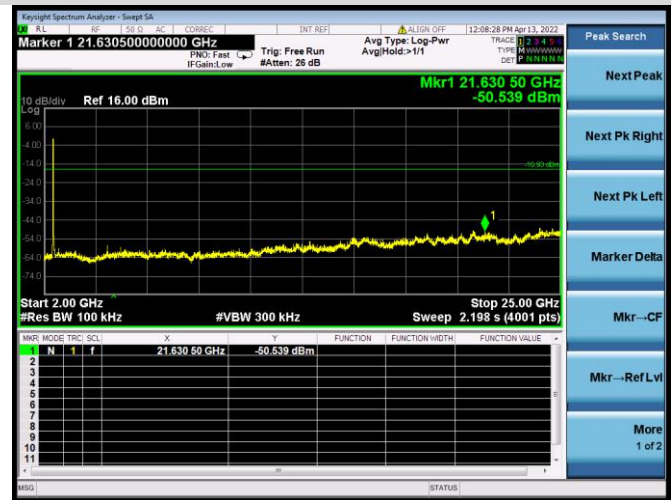
802.11g CHANNEL 1 CARRIER LEVEL



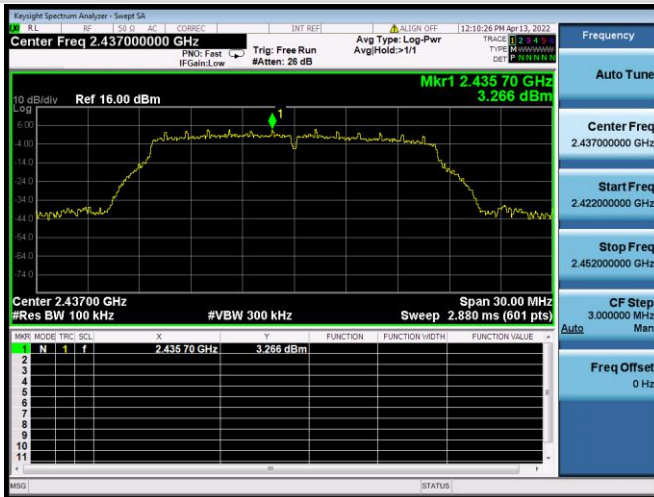
802.11g CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



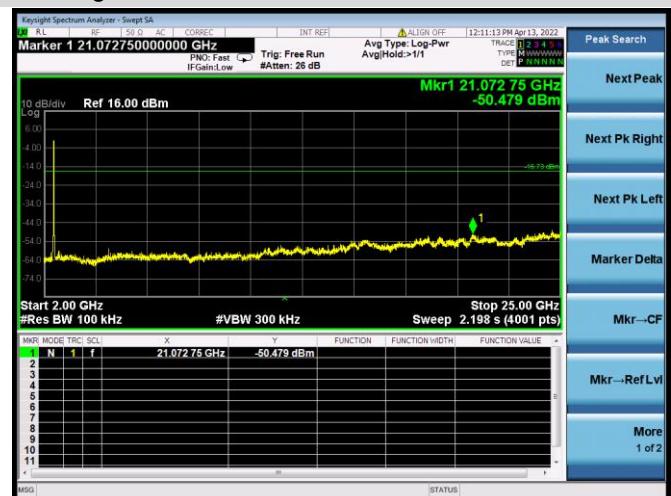
802.11g CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



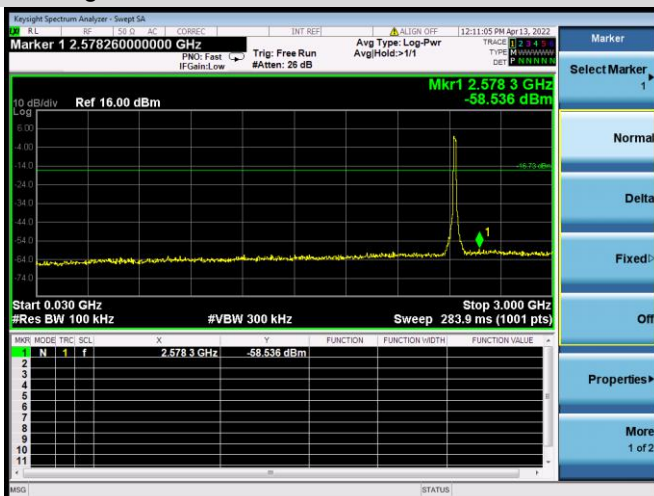
802.11g CHANNEL 6 CARRIER LEVEL



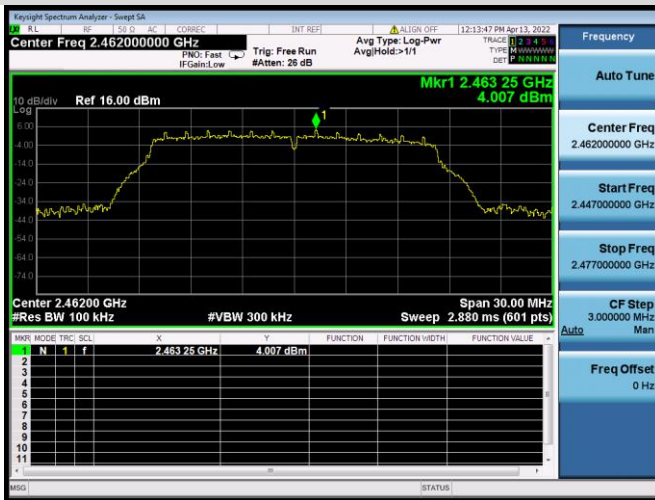
802.11g CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



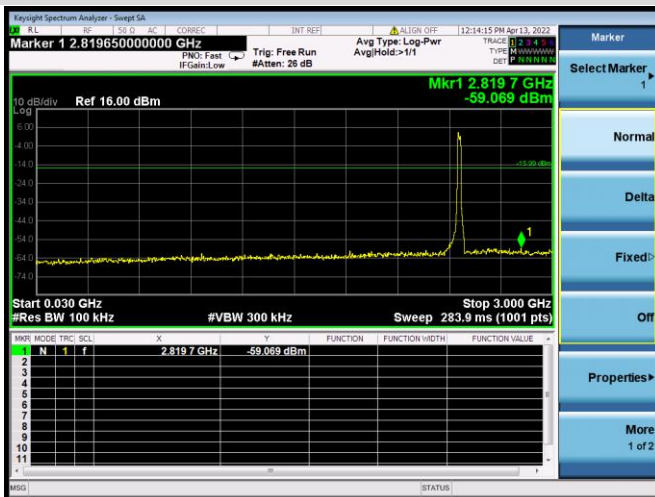
802.11g CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



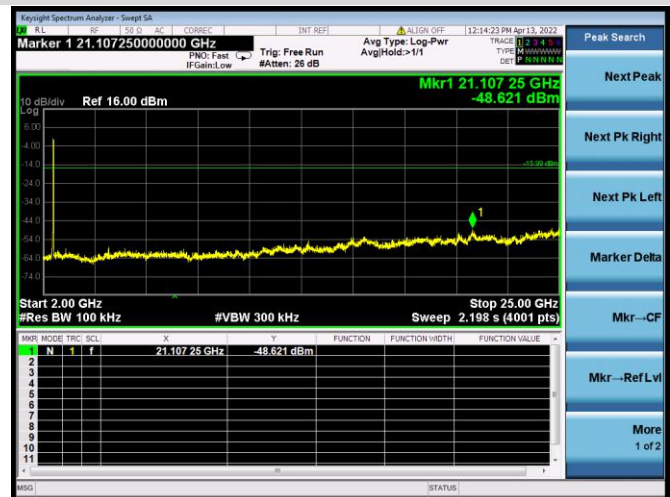
802.11g CHANNEL 11 CARRIER LEVEL



802.11g CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



802.11g CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 MHz CHANNEL 1 CARRIER LEVEL

