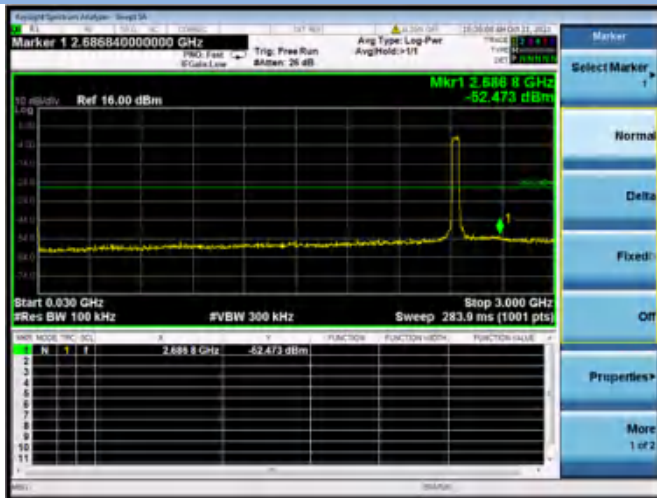
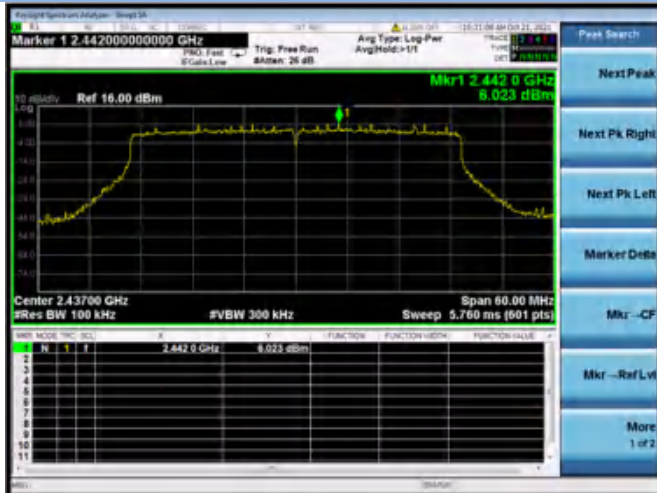
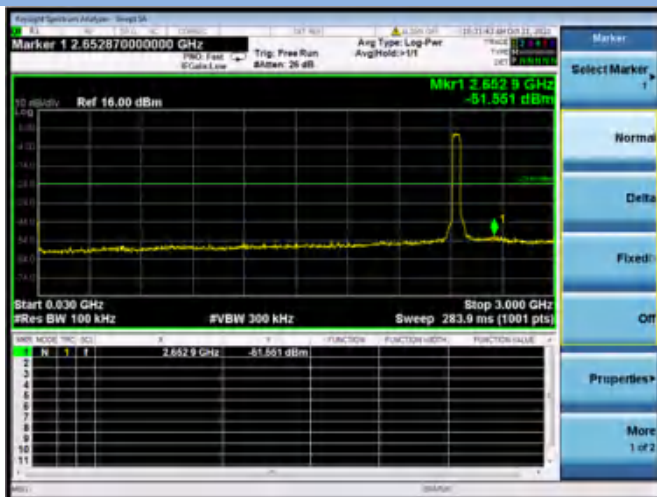


802.11ax-40(SU) CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz

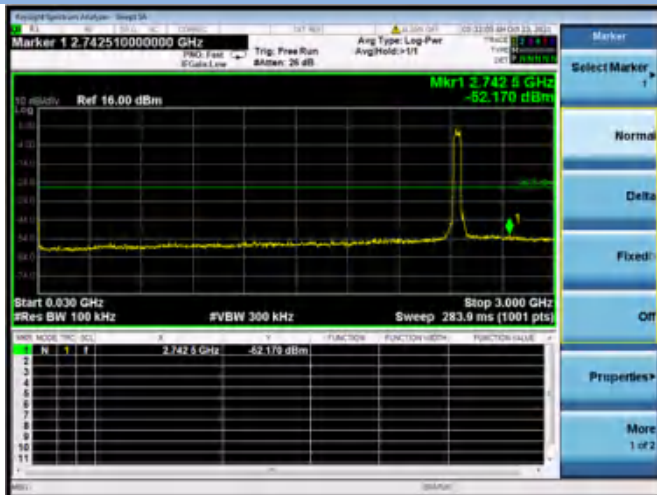

802.11ax-40(SU) CHANNEL 6 CARRIER LEVEL


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

802.11ax-40(SU) CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-40(SU) CHANNEL 7 CARRIER LEVEL



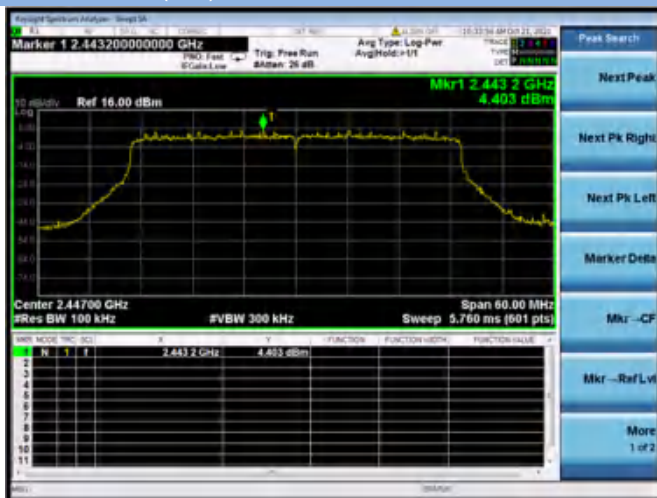
802.11ax-40(SU) CHANNEL 7, SPURIOUS 30 MHz ~ 3 GHz

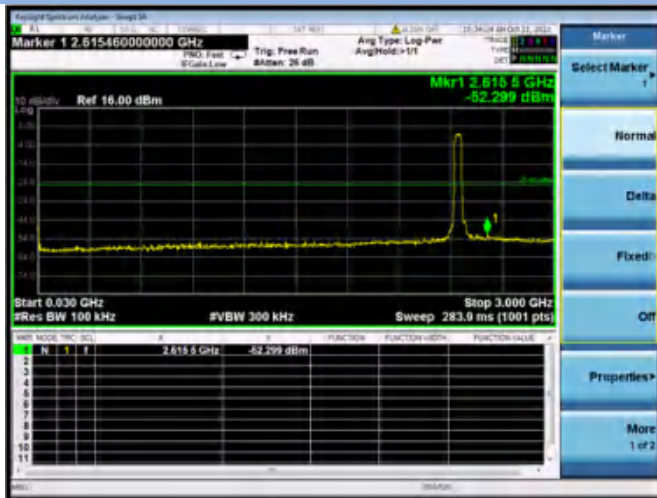


802.11ax-40(SU) CHANNEL 7, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-40(SU) CHANNEL 8 CARRIER LEVEL



802.11ax-40(SU) CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-40(SU) CHANNEL 9 CARRIER LEVEL


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

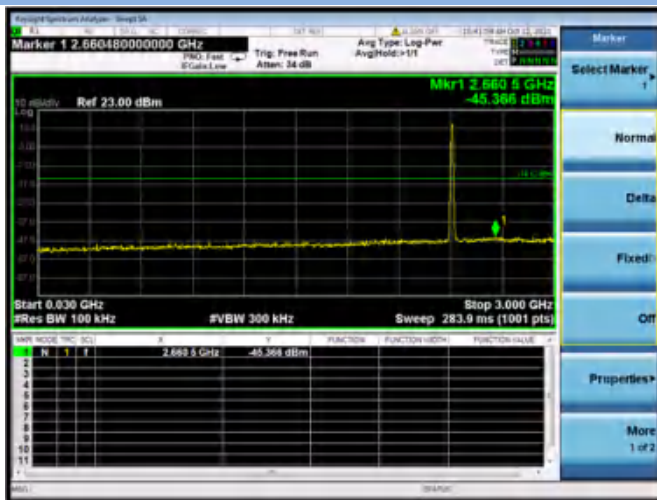
802.11ax-40(SU) CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz


Aux. Antenna

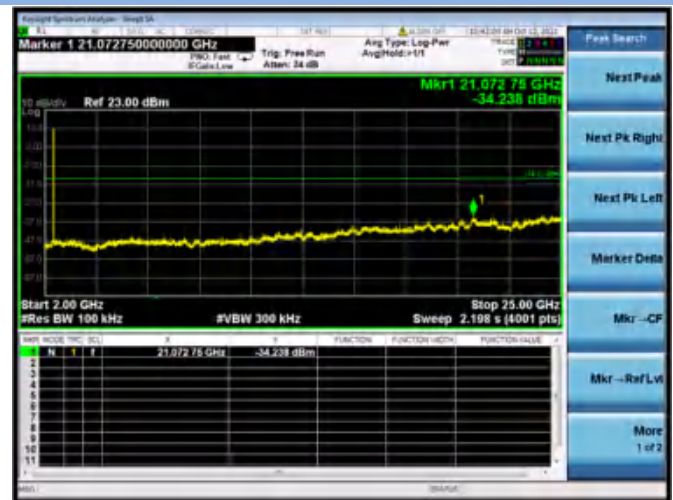
802.11b CHANNEL 1 CARRIER LEVEL



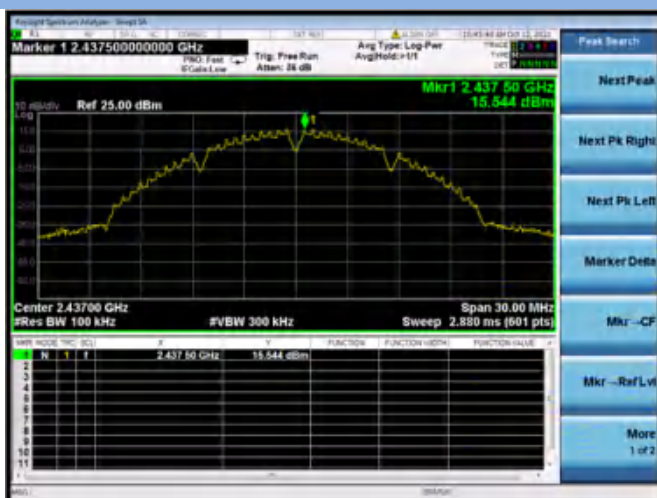
802.11b CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



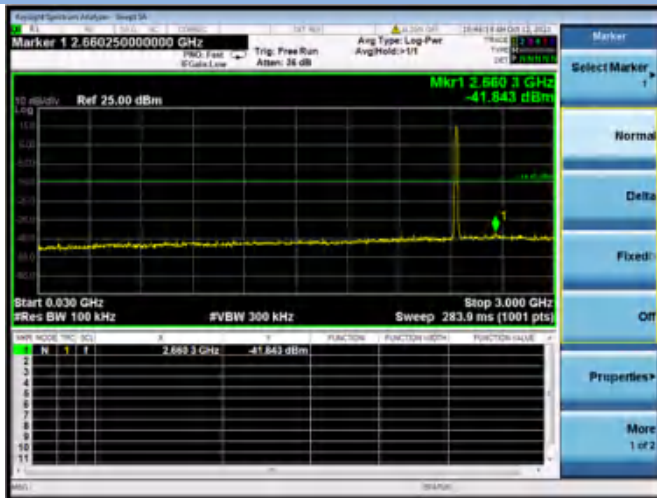
802.11b CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



802.11b CHANNEL 6 CARRIER LEVEL



802.11b CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



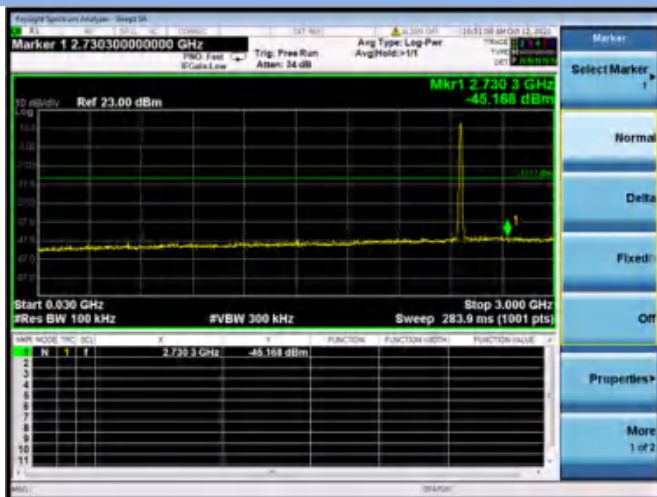
802.11b CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



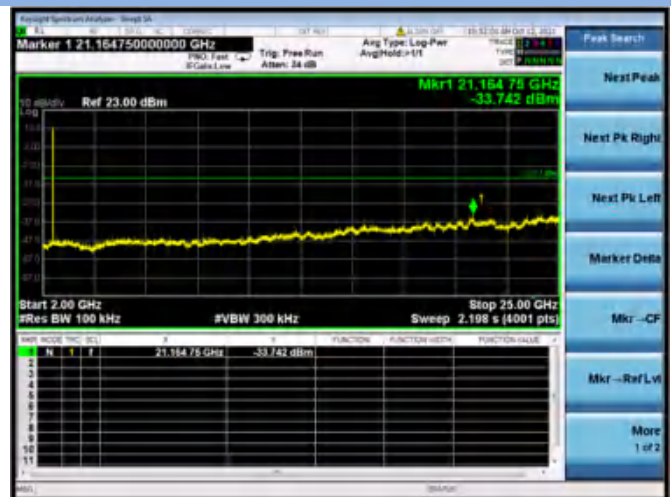
802.11b CHANNEL 11 CARRIER LEVEL



802.11b CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



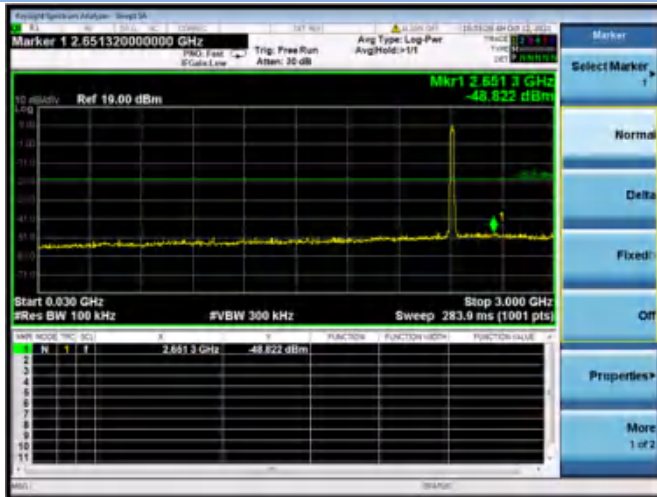
802.11b CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



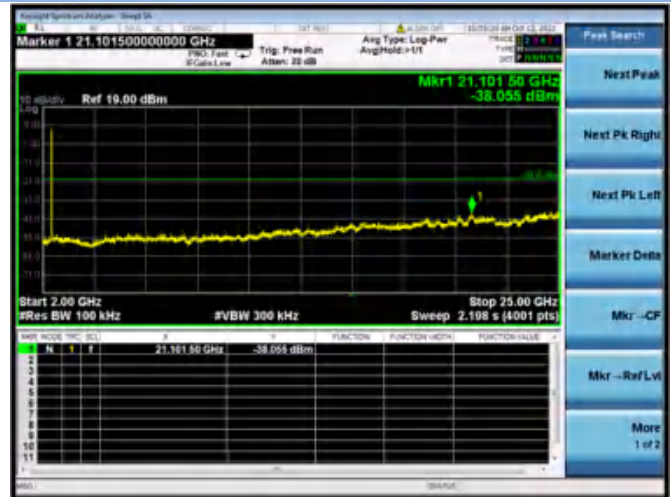
802.11g CHANNEL 1 CARRIER LEVEL



802.11g CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz

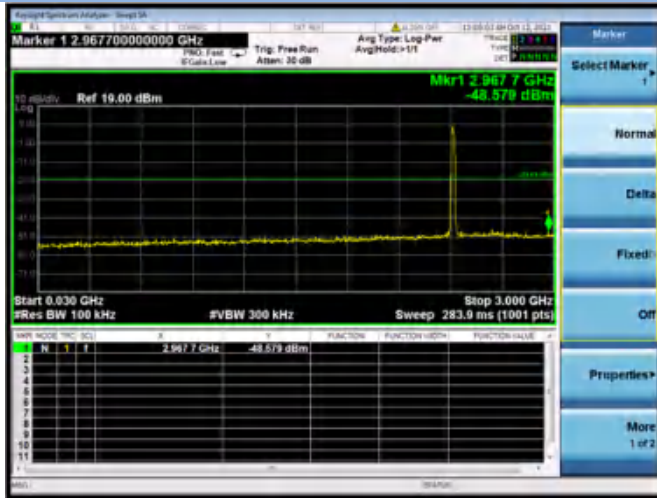


802.11g CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz

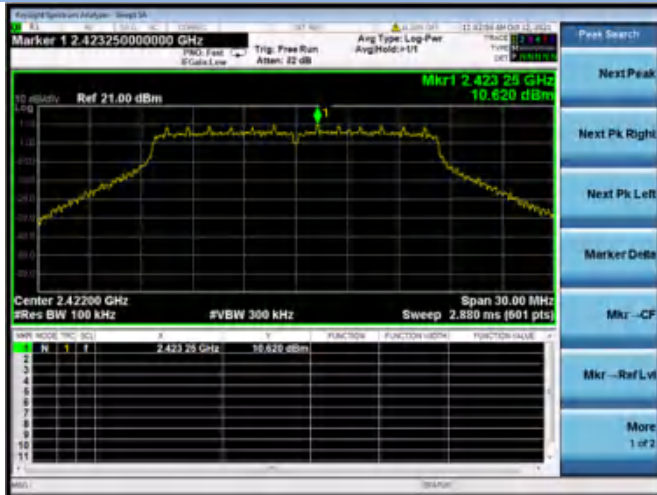
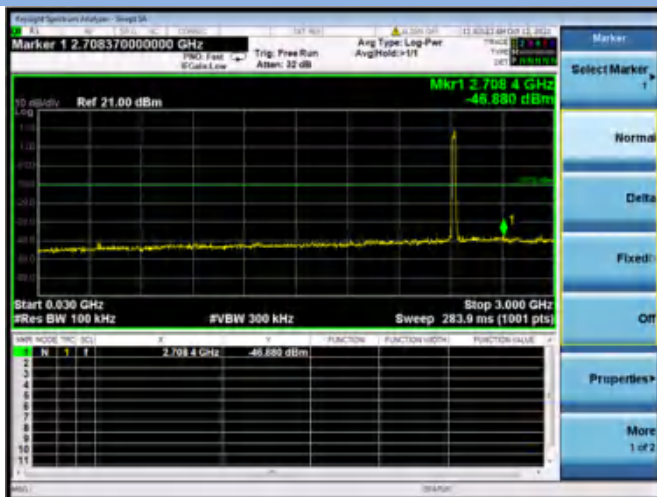


802.11g CHANNEL 2 CARRIER LEVEL

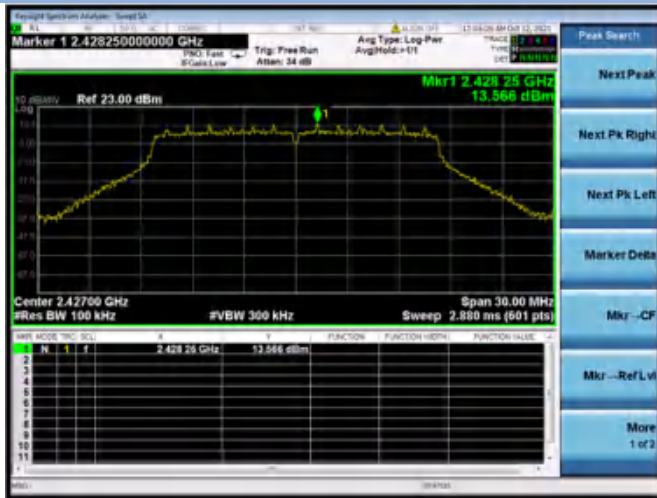


802.11g CHANNEL 2, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 2, SPURIOUS
2 GHz ~ 25 GHz

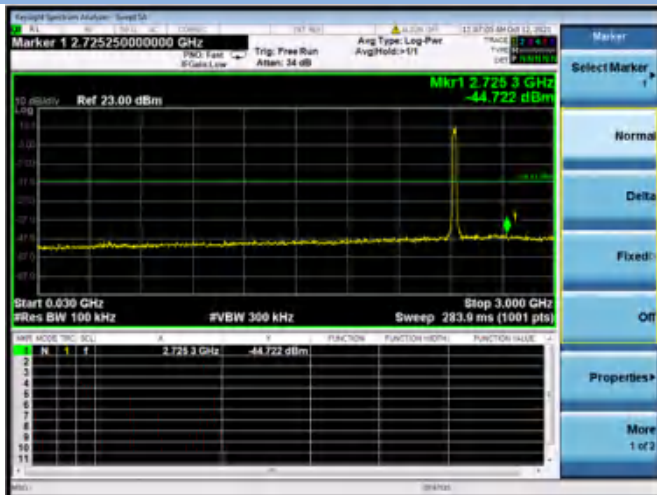

802.11g CHANNEL 3 CARRIER LEVEL


802.11g CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz


802.11g CHANNEL 4 CARRIER LEVEL



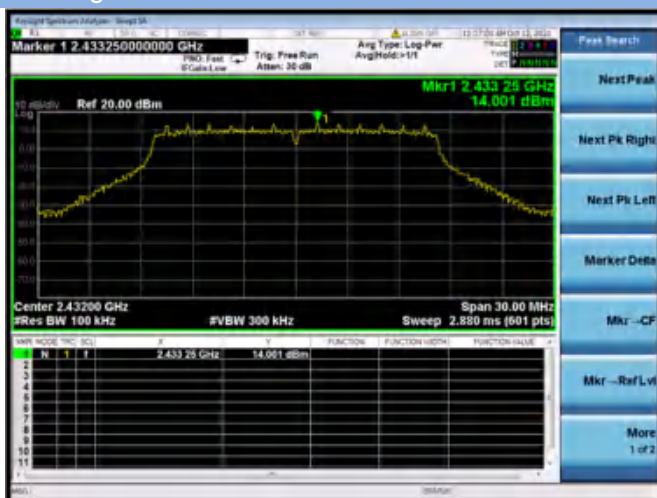
802.11g CHANNEL 4, SPURIOUS 30 MHz ~ 3 GHz

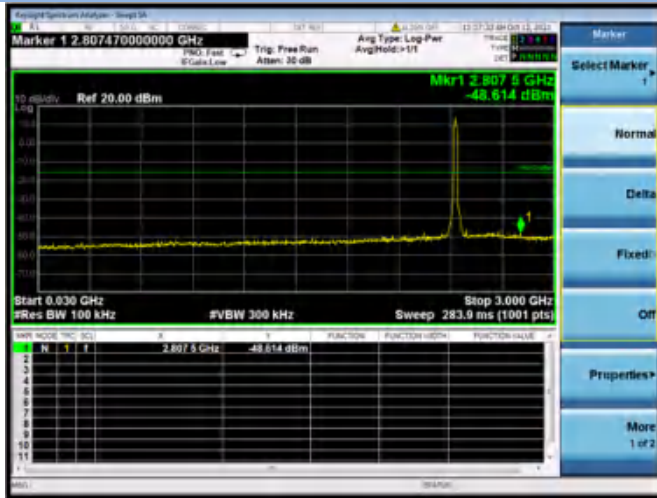
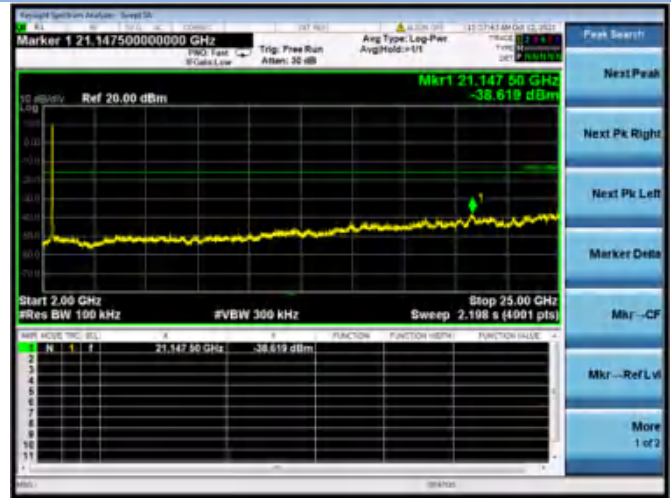


802.11g CHANNEL 4, SPURIOUS 2 GHz ~ 25 GHz

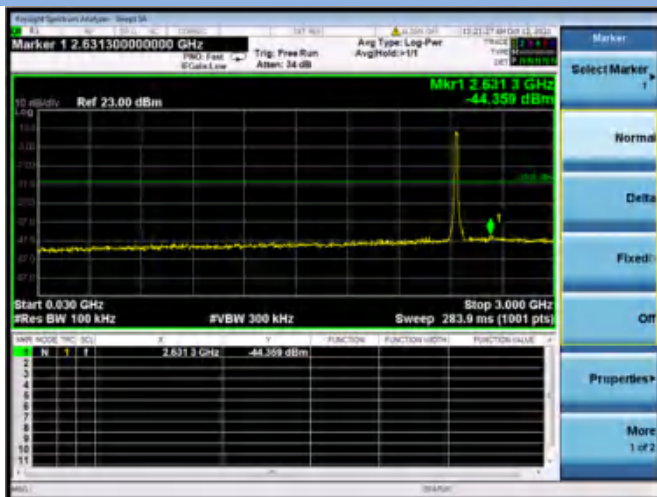


802.11g CHANNEL 5 CARRIER LEVEL



802.11g CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz


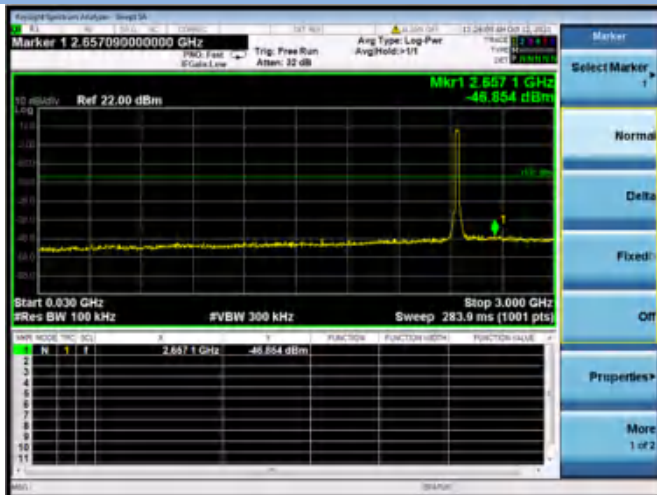
802.11g CHANNEL 6 CARRIER LEVEL


802.11g CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz


802.11g CHANNEL 7 CARRIER LEVEL



802.11g CHANNEL 7, SPURIOUS 30 MHz ~ 3 GHz



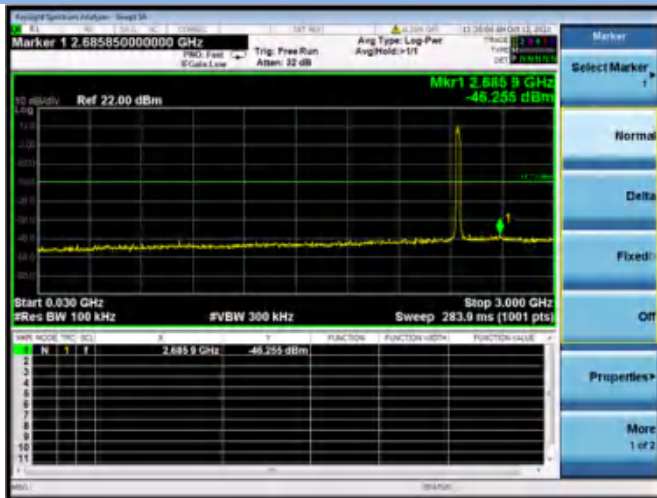
802.11g CHANNEL 7, SPURIOUS 2 GHz ~ 25 GHz



802.11g CHANNEL 8 CARRIER LEVEL



802.11g CHANNEL 8, SPURIOUS 30 MHz ~ 3 GHz



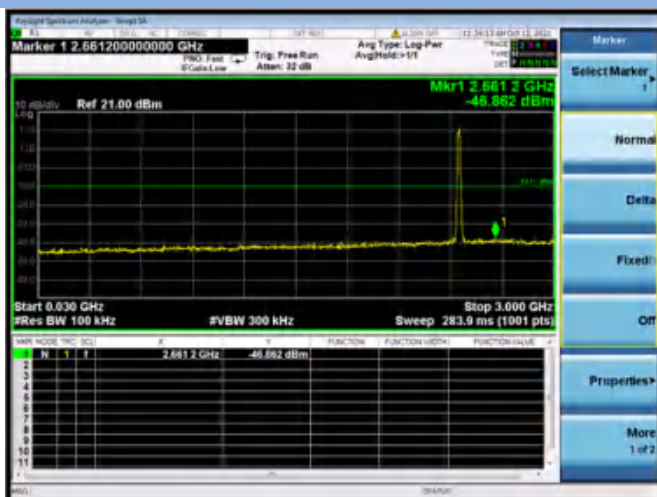
802.11g CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz



802.11g CHANNEL 9 CARRIER LEVEL



802.11g CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz



802.11g CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz



802.11g CHANNEL 10 CARRIER LEVEL



802.11g CHANNEL 10, SPURIOUS 30 MHz ~ 3 GHz



802.11g CHANNEL 10, SPURIOUS 2 GHz ~ 25 GHz



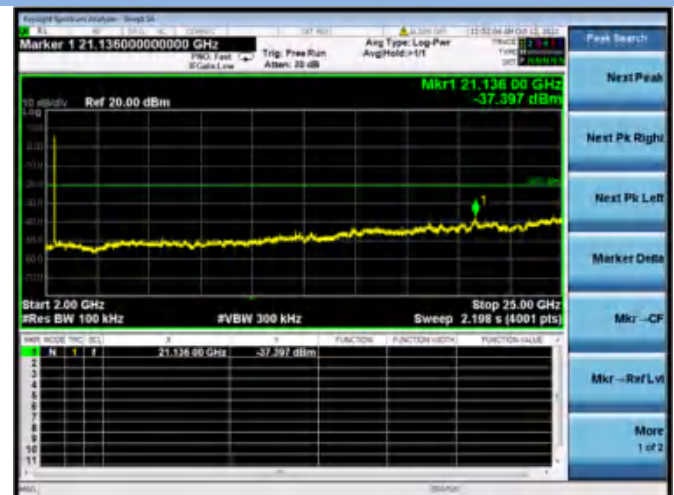
802.11g CHANNEL 11 CARRIER LEVEL



802.11g CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz



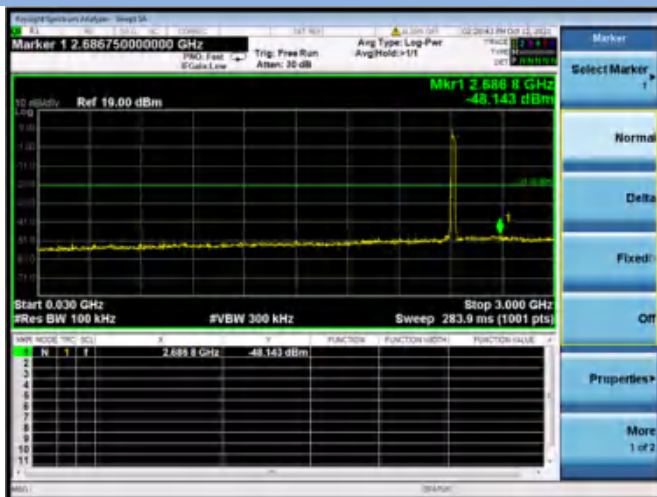
802.11n-20 CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



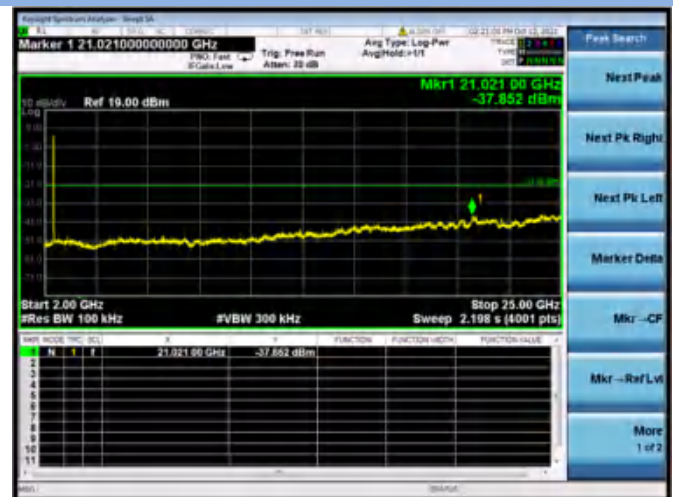
802.11n-20 CHANNEL 2 CARRIER LEVEL



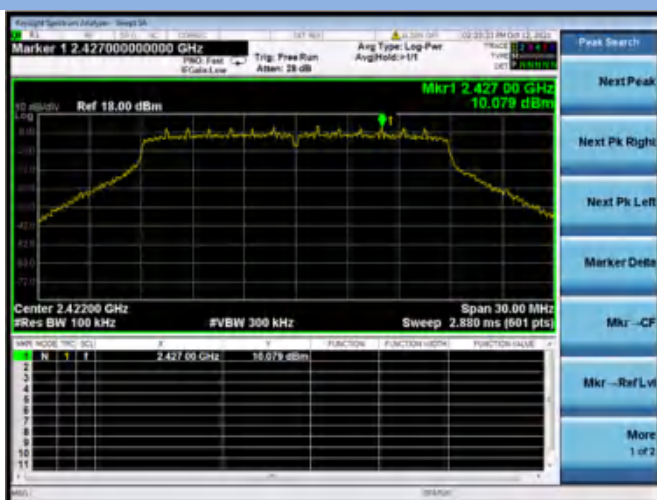
802.11n-20 CHANNEL 2, SPURIOUS 30 MHz ~ 3 GHz

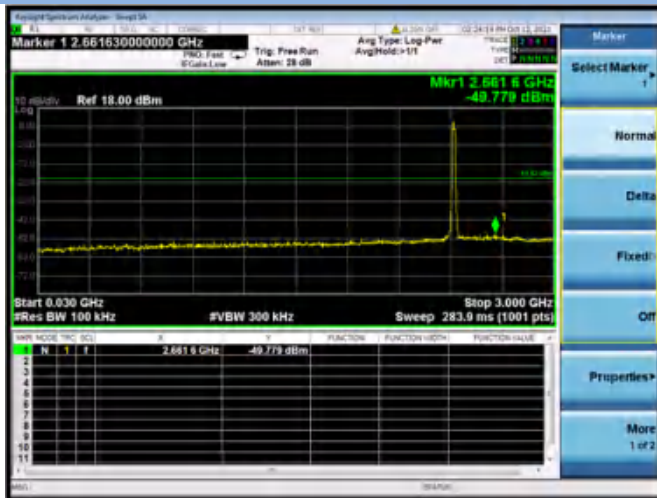


802.11n-20 CHANNEL 2, SPURIOUS 2 GHz ~ 25 GHz

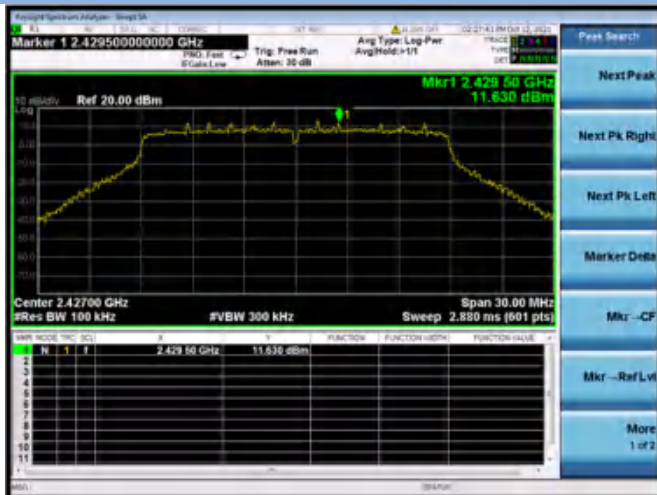
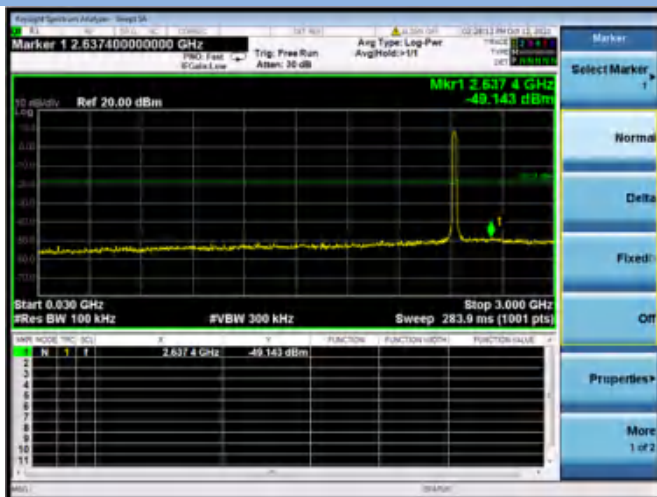


802.11n-20 CHANNEL 3 CARRIER LEVEL

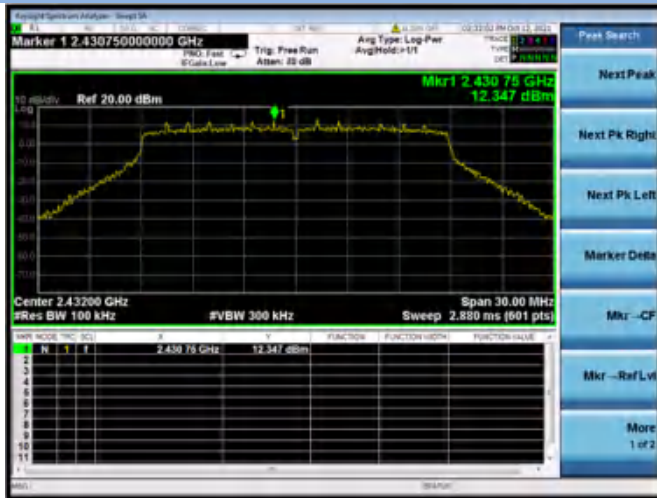


802.11n-20 CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

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

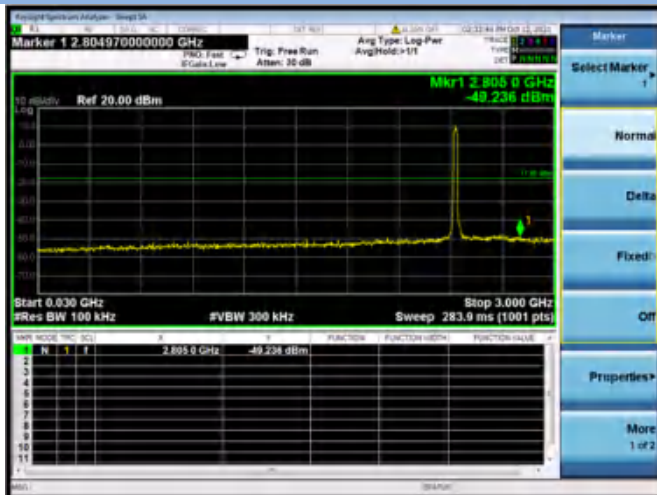

802.11n-20 CHANNEL 4 CARRIER LEVEL


802.11n-20 CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11n-20 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


802.11n-20 CHANNEL 5 CARRIER LEVEL



802.11n-20 CHANNEL 5, SPURIOUS 30 MHz ~ 3 GHz



802.11n-20 CHANNEL 5, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 CHANNEL 6 CARRIER LEVEL



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



Spectrum Analyzer: Setup

Marker 1 2.44325000000 GHz

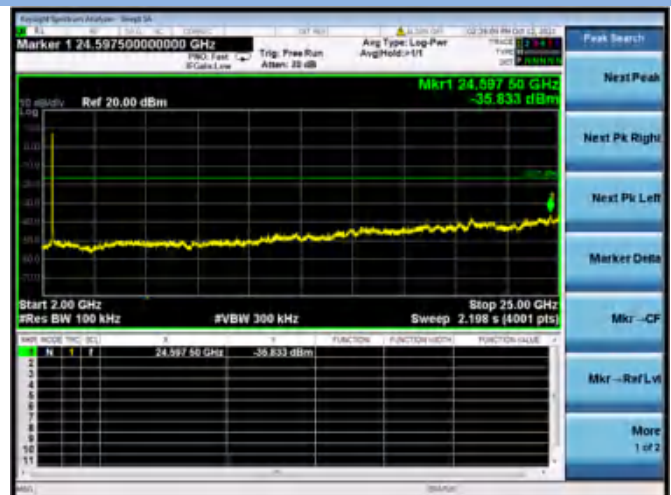
Ref 20.00 dBm

Mkr1 2.443 25 GHz 13.252 dBm

Center 2.44200 GHz Span 30.00 MHz

Res BW 100 kHz Sweep 2.880 ms (601 pts)

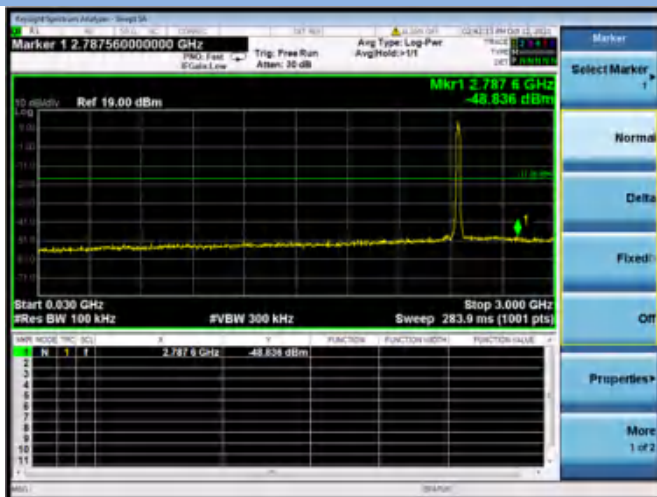
802.11n-20 CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz



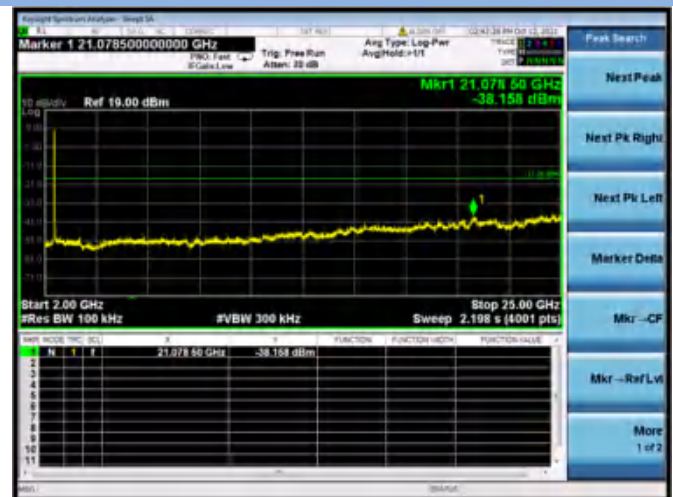
802.11n-20 CHANNEL 8 CARRIER LEVEL



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

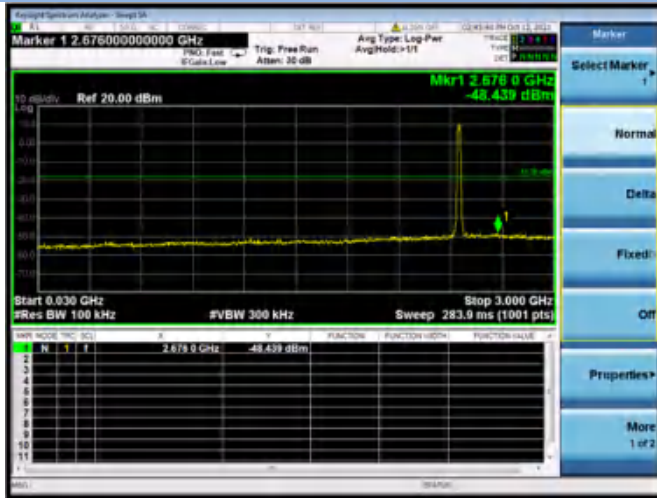
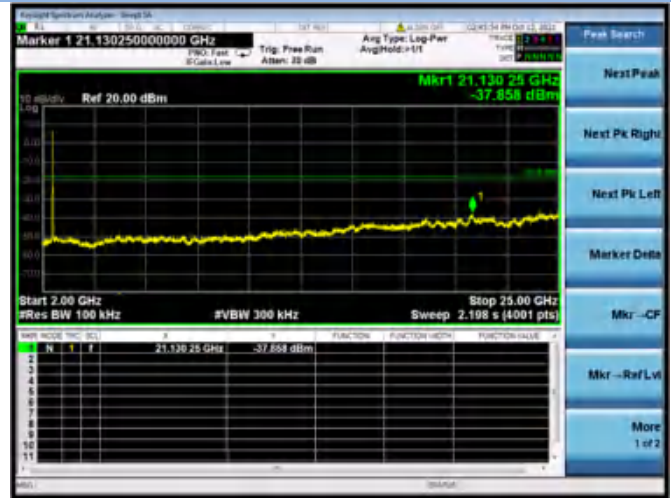


802.11n-20 CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz

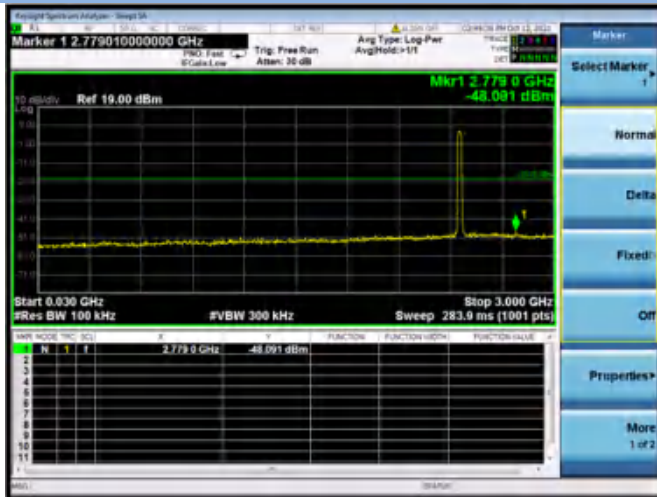


802.11n-20 CHANNEL 9 CARRIER LEVEL

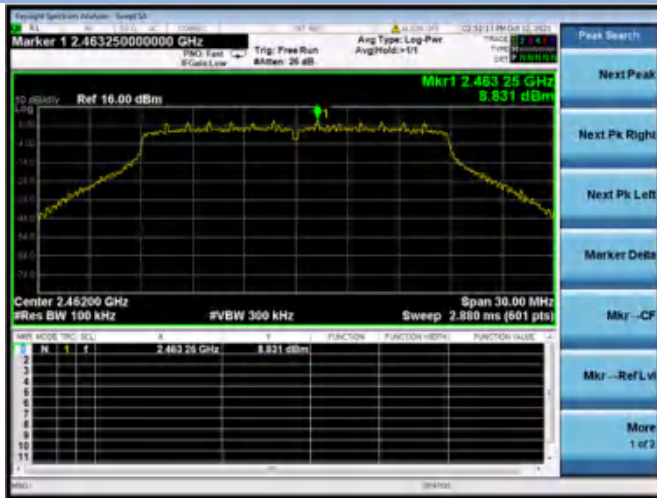


802.11n-20 CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

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


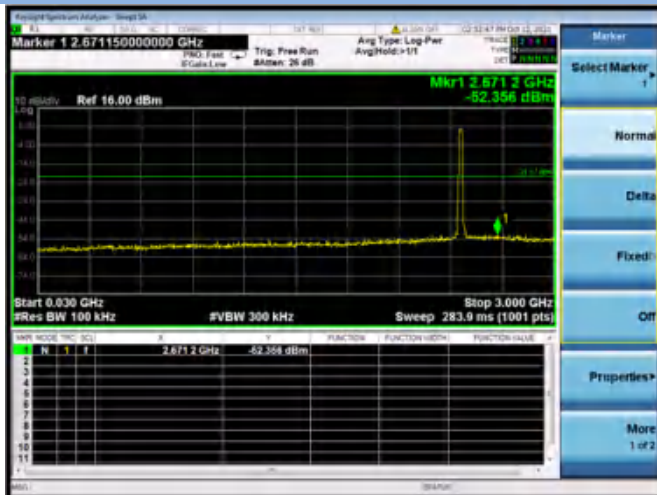
802.11n-20 CHANNEL 10 CARRIER LEVEL


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

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


802.11n-20 CHANNEL 11 CARRIER LEVEL



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



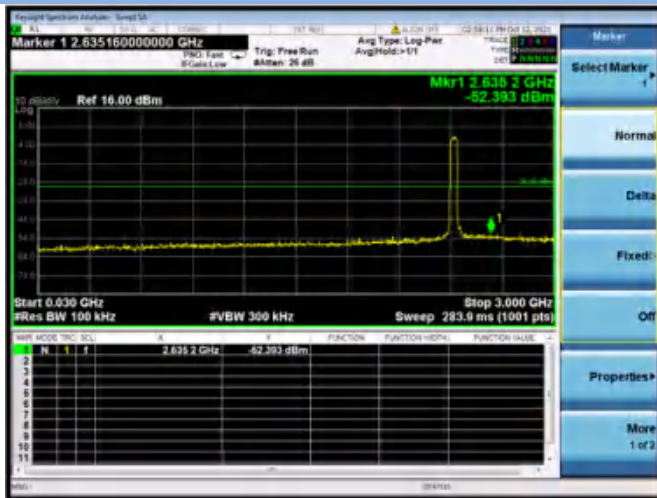
802.11n-20 CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



802.11n-40 CHANNEL 3 CARRIER LEVEL



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



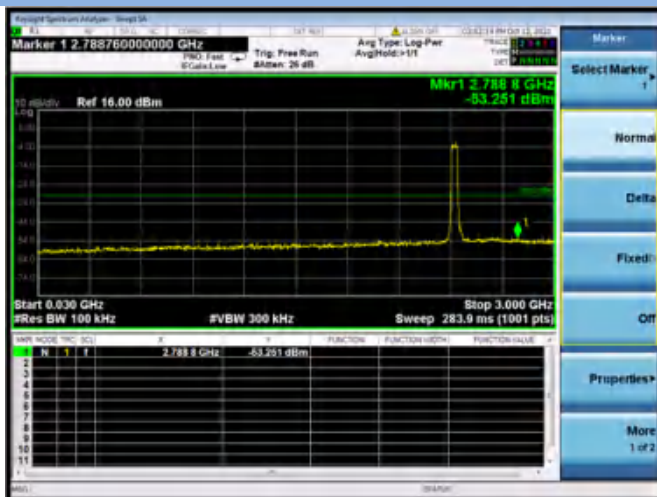
802.11n-40 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz



802.11n-40 CHANNEL 4 CARRIER LEVEL



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



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



802.11n-40 CHANNEL 5 CARRIER LEVEL



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

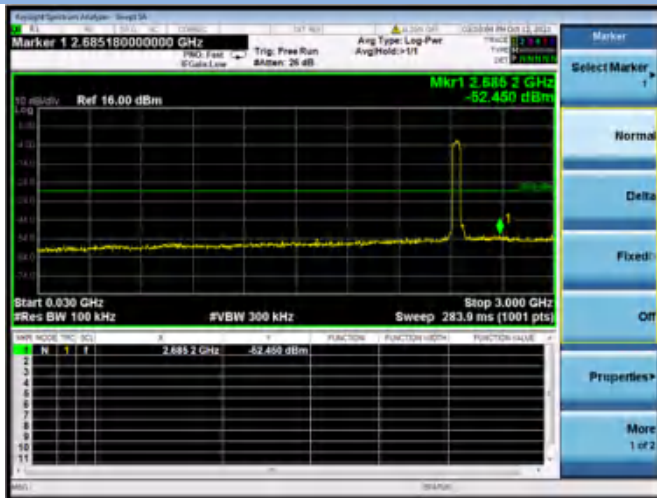


802.11n-40 CHANNEL 5, SPURIOUS 2 GHz ~ 25 GHz

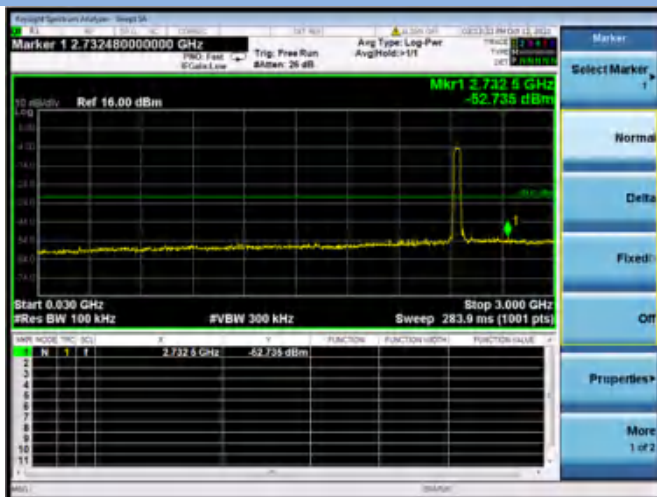


802.11n-40 CHANNEL 6 CARRIER LEVEL



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

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


802.11n-40 CHANNEL 7 CARRIER LEVEL


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

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


802.11n-40 CHANNEL 8 CARRIER LEVEL



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

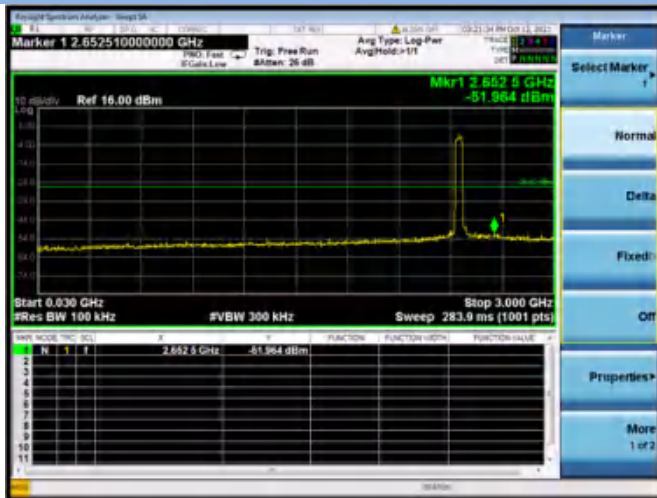


802.11n-40 CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz



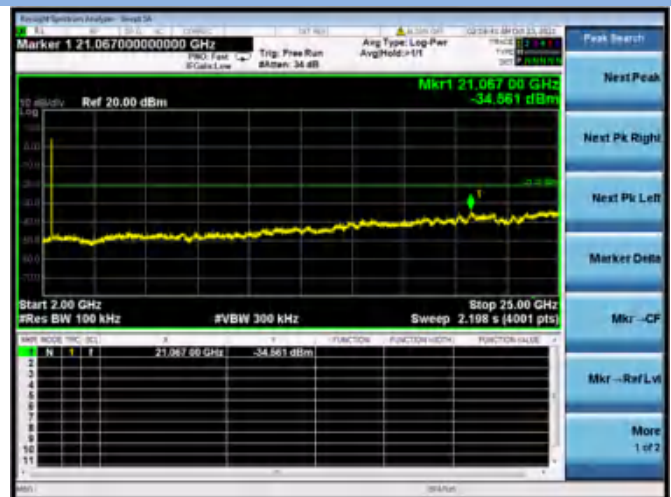
802.11n-40 CHANNEL 9 CARRIER LEVEL



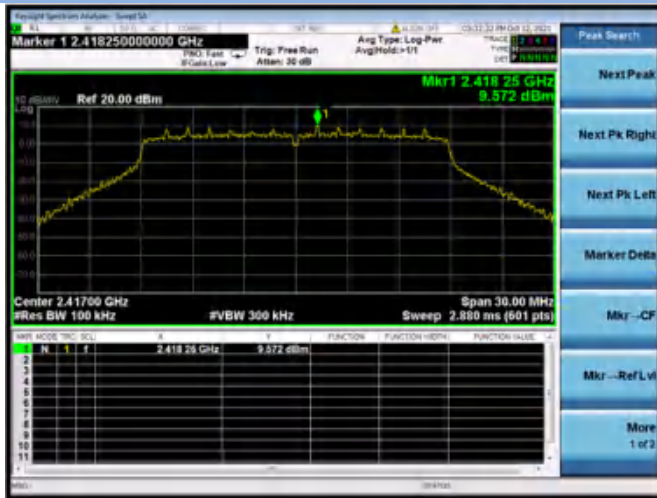
802.11n-40 CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

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


802.11VHT-20 CHANNEL 1 CARRIER LEVEL

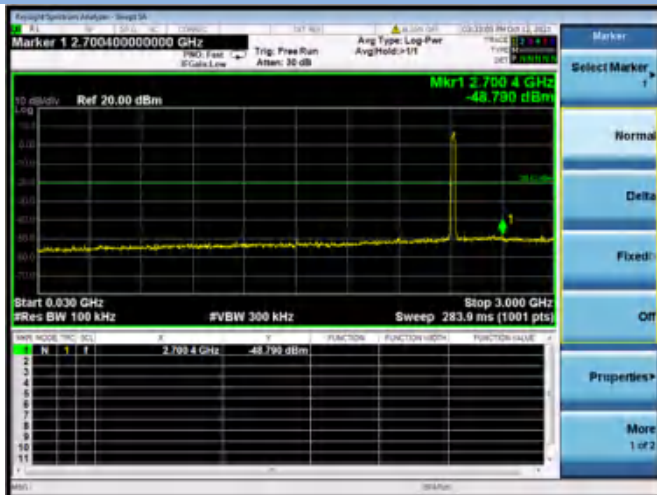

802.11VHT-20 CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-20 CHANNEL 2 CARRIER LEVEL



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

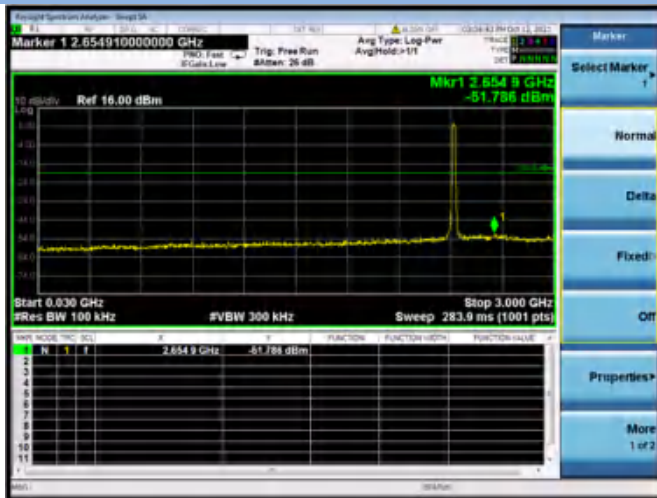


802.11VHT-20 CHANNEL 2, SPURIOUS 2 GHz ~ 25 GHz

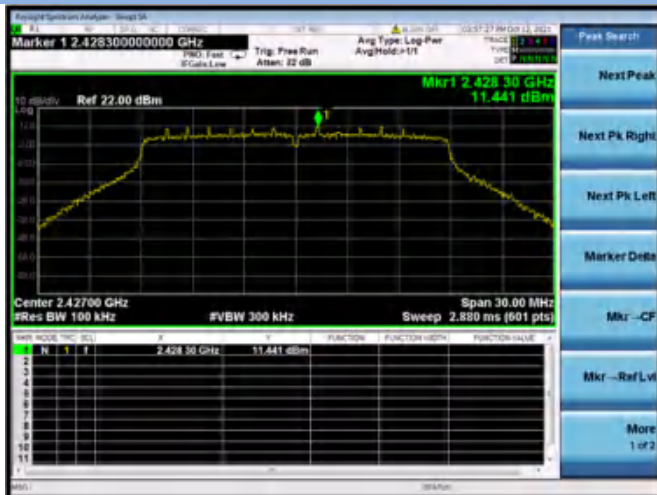
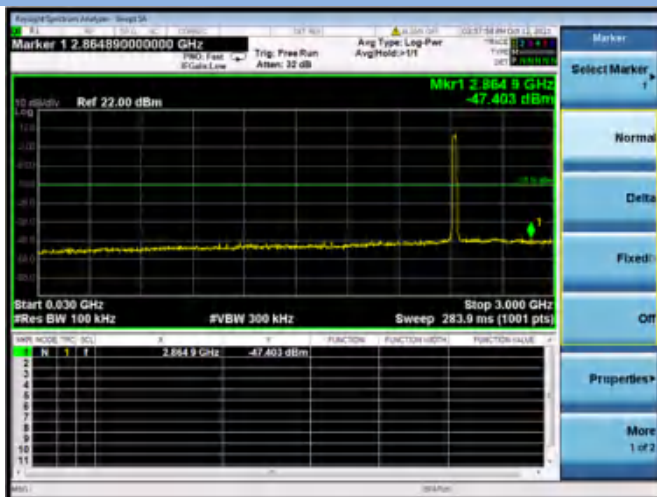


802.11VHT-20 CHANNEL 3 CARRIER LEVEL

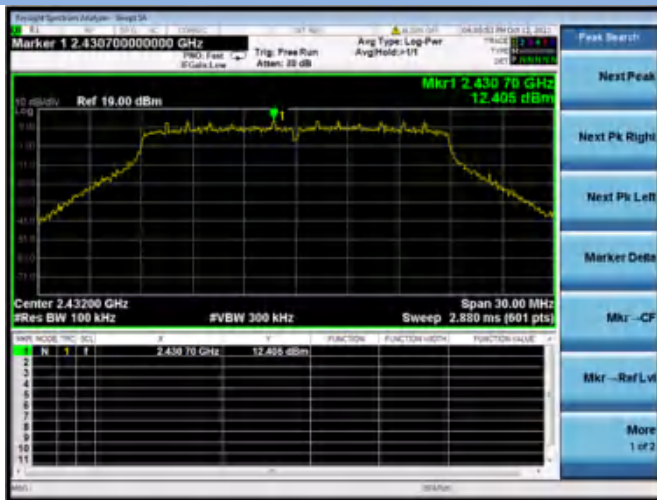


802.11VHT-20 CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz

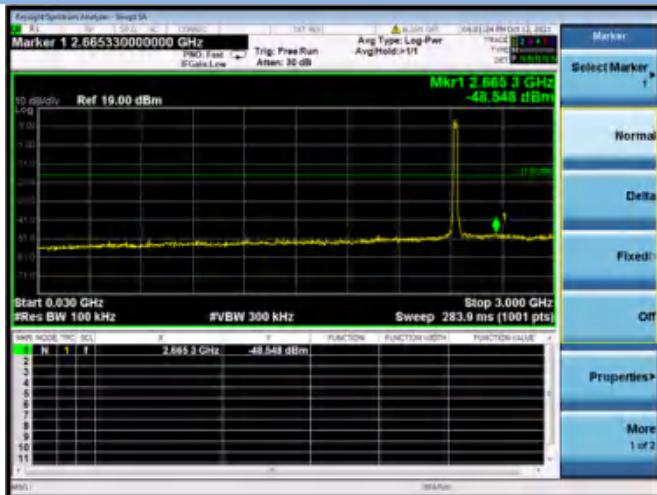

802.11VHT-20 CHANNEL 4 CARRIER LEVEL


802.11VHT-20 CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-20 CHANNEL 5 CARRIER LEVEL



802.11VHT-20 CHANNEL 5, SPURIOUS 30 MHz ~ 3 GHz

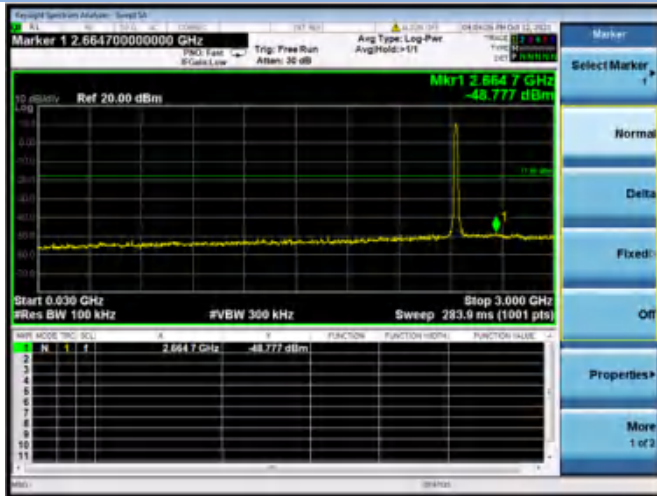
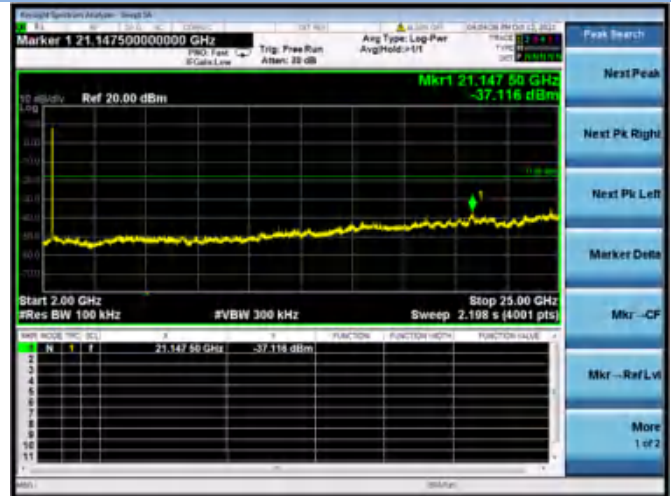


802.11VHT-20 CHANNEL 5, SPURIOUS 2 GHz ~ 25 GHz



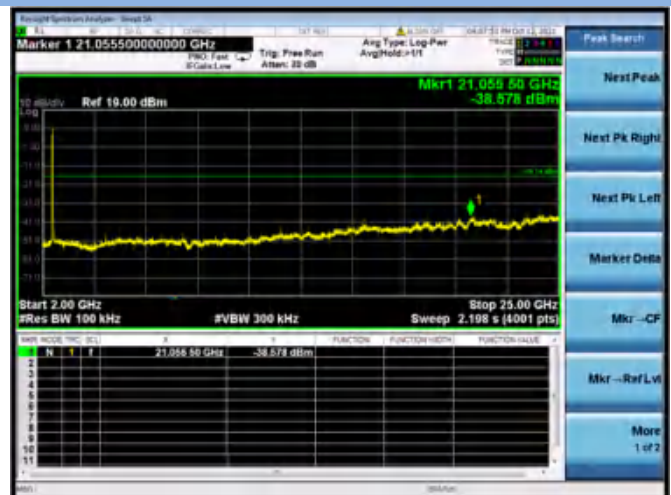
802.11VHT-20 CHANNEL 6 CARRIER LEVEL



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

802.11VHT-20 CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-20 CHANNEL 8 CARRIER LEVEL

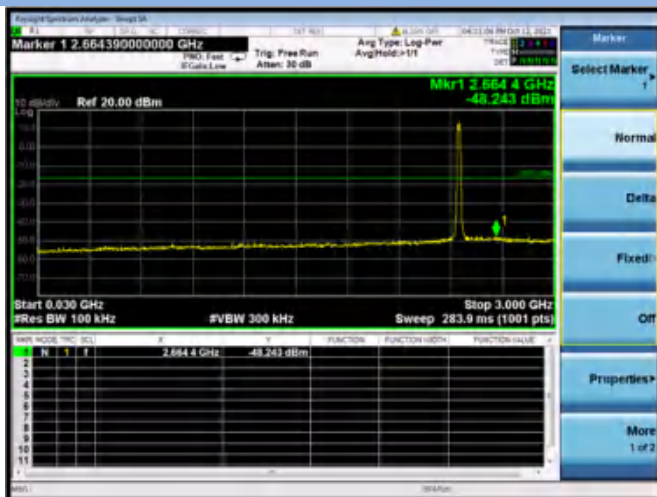

802.11VHT-20 CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


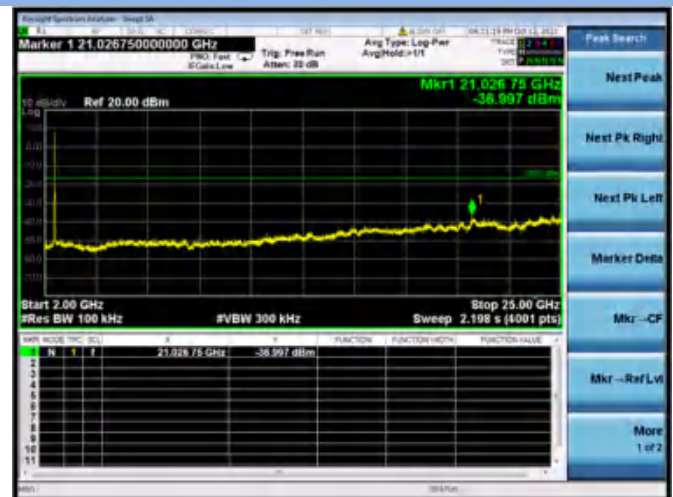
802.11VHT-20 CHANNEL 9 CARRIER LEVEL



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

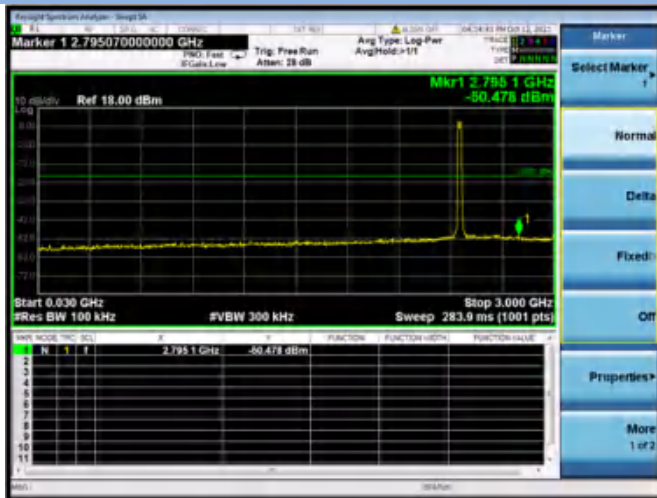


802.11VHT-20 CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz

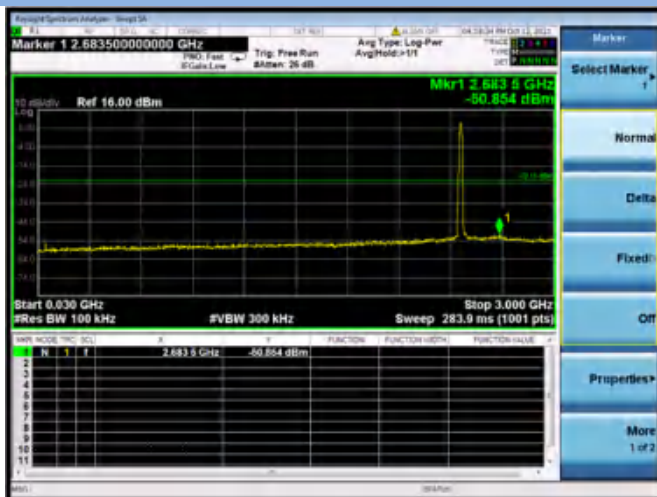


802.11VHT-20 CHANNEL 10 CARRIER LEVEL



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

802.11VHT-20 CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz

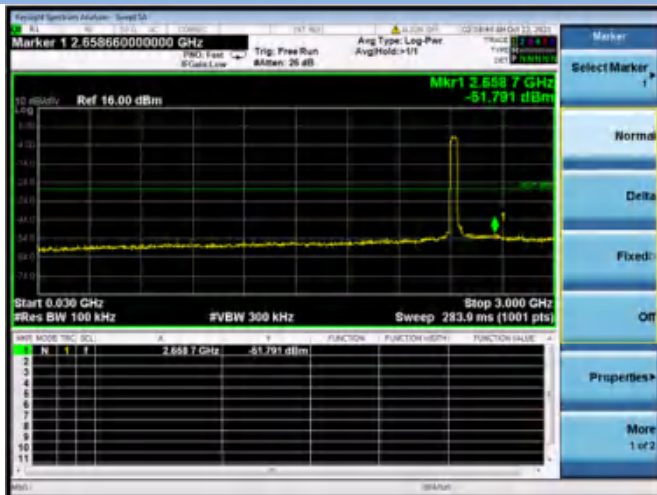

802.11VHT-20 CHANNEL 11 CARRIER LEVEL


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

802.11VHT-20 CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz

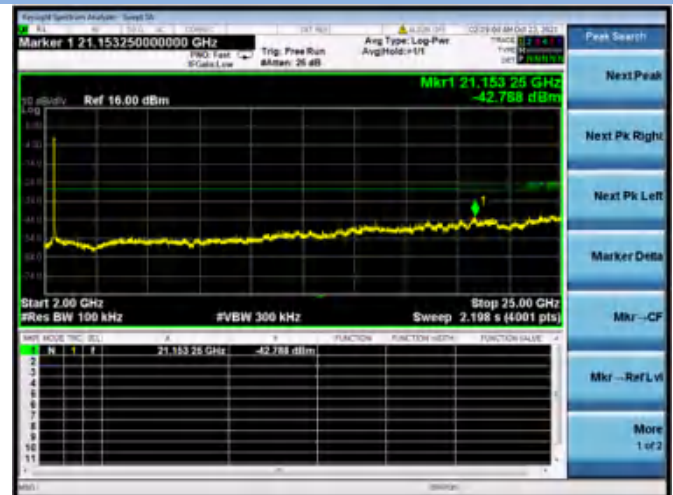

802.11VHT-40 CHANNEL 3 CARRIER LEVEL



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



802.11VHT-40 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz



802.11VHT-40 CHANNEL 4 CARRIER LEVEL



802.11VHT-40 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz



Frequency Spectrum Analyzer: Setup Tab

Marker 1 2.443200000000 GHz

PKG: Fast Trig: Free Run Avg Type: Log-Pwr

Q-Clock Low Attenu: 26 dB Avg Hold: >11

09:32:11 AM Oct 12, 2023

0.00 dBm

0.00 dBm

Ref 16.00 dBm

Mkr1 2.4432 GHz 0.471 dBm

Center 2.43200 GHz Span 60.00 MHz

#VBW 300 kHz Sweep 5.760 ms (601 pts)

WRT MODE TRG SCY X Y FUNCTION FUNCTION VALUE

WRT	MODE	TRG	SCY	X	Y	FUNCTION	FUNCTION VALUE
1	N	1	1	2.4432 GHz	0.471 dBm		
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

09:32:11

09:32:11

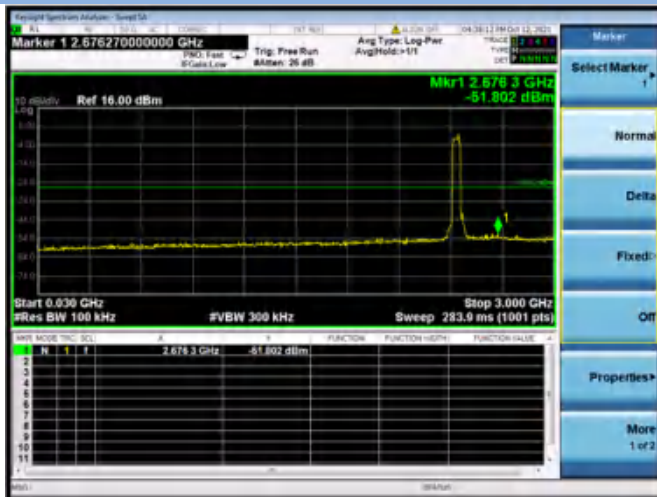
802.11VHT-40 CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz



802.11VHT-40 CHANNEL 6 CARRIER LEVEL



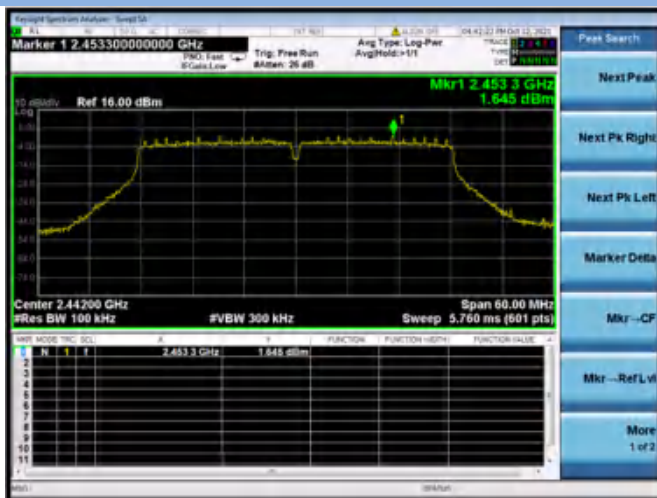
802.11VHT-40 CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz

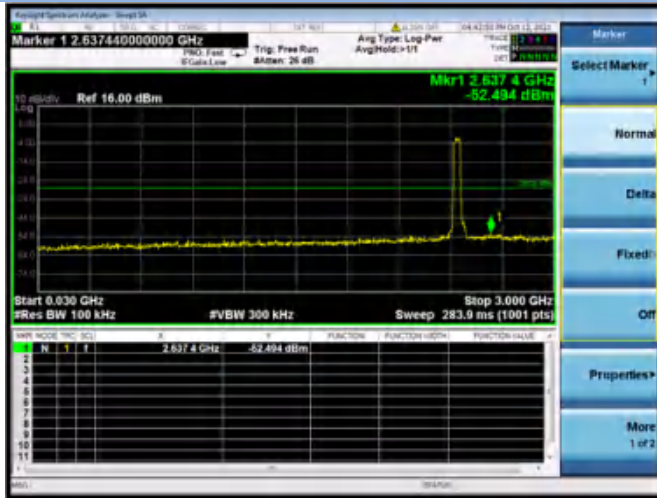


802.11VHT-40 CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz

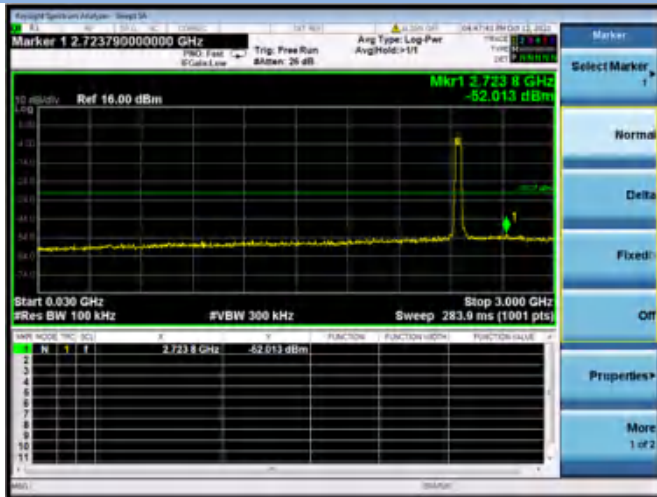


802.11VHT-40 CHANNEL 7 CARRIER LEVEL

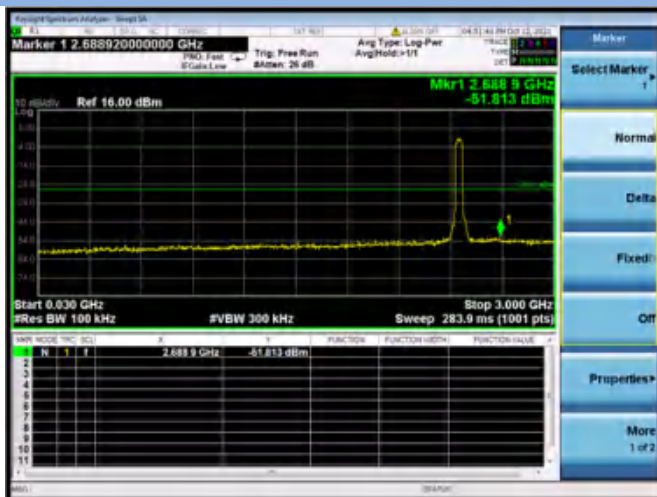


802.11VHT-40 CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz

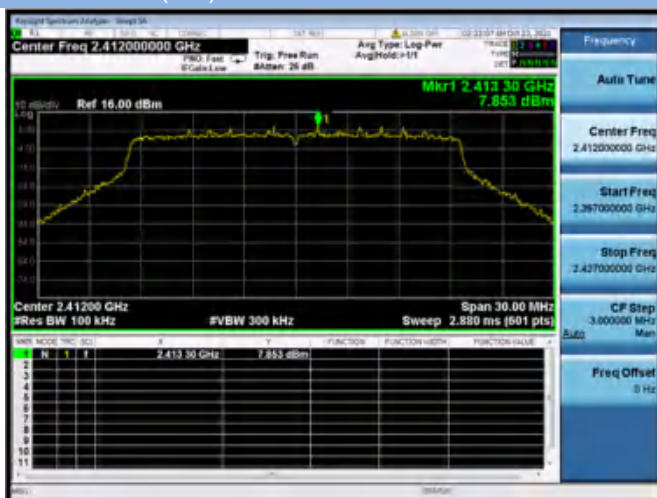

802.11VHT-40 CHANNEL 8 CARRIER LEVEL

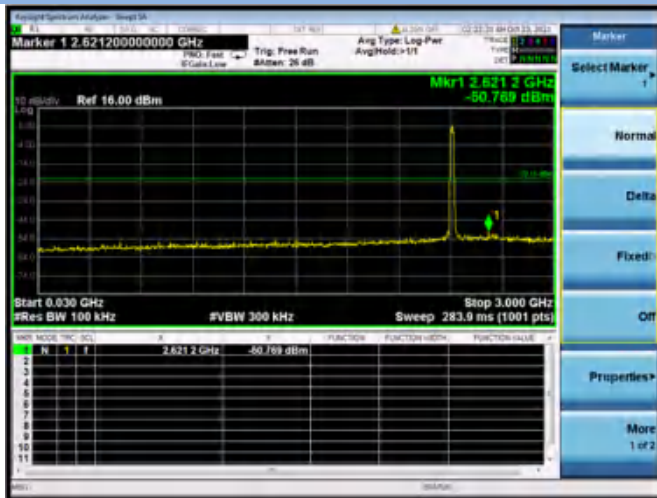
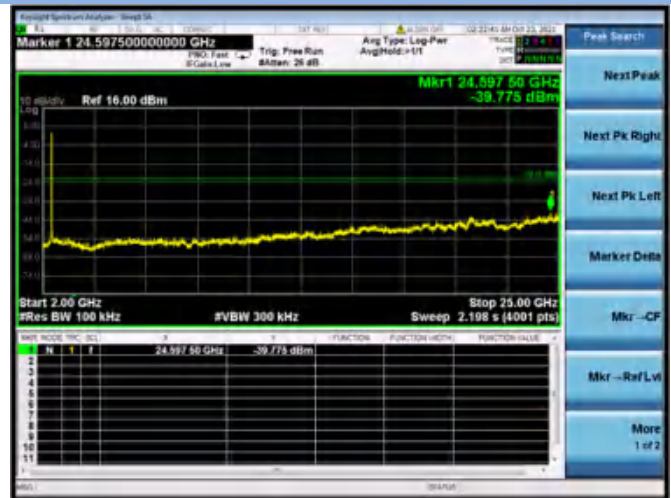

802.11VHT-40 CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-40 CHANNEL 9 CARRIER LEVEL

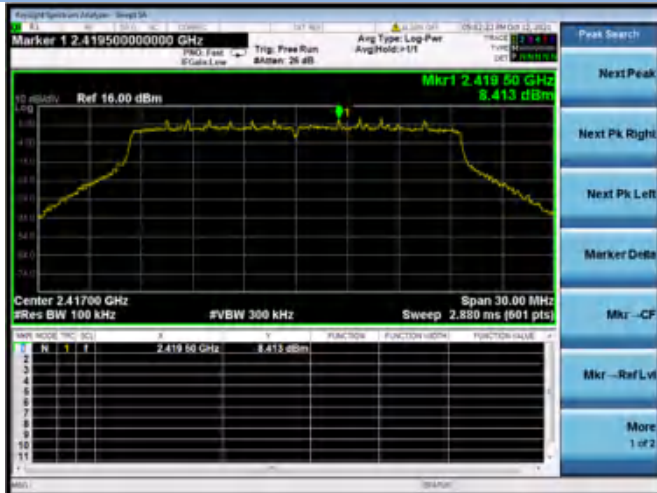
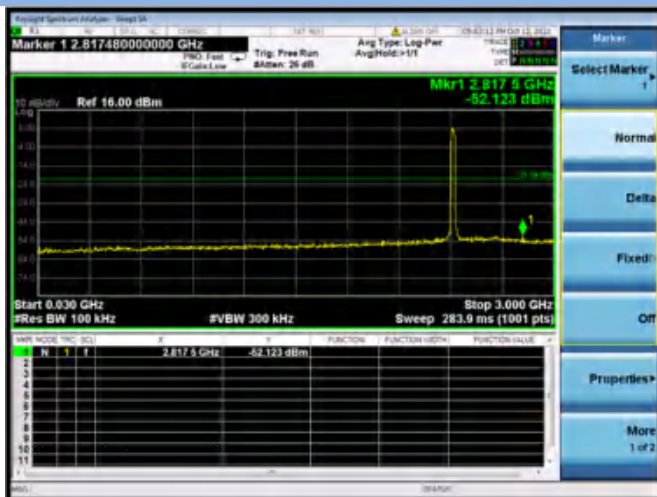

802.11VHT-40 CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-20(SU) CHANNEL 1 CARRIER LEVEL

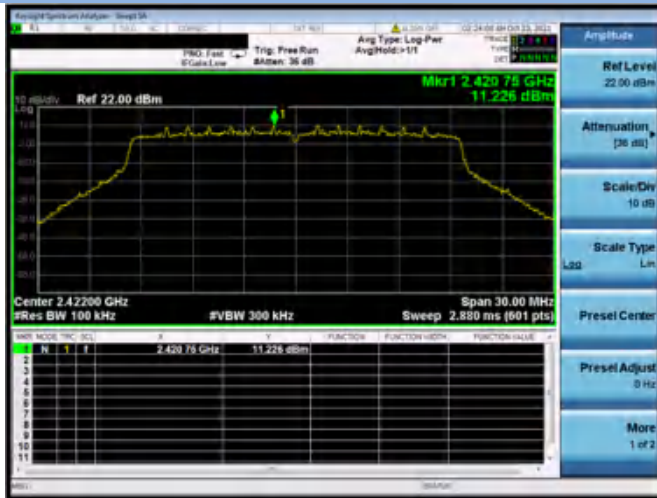


802.11ax-20(SU) CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz


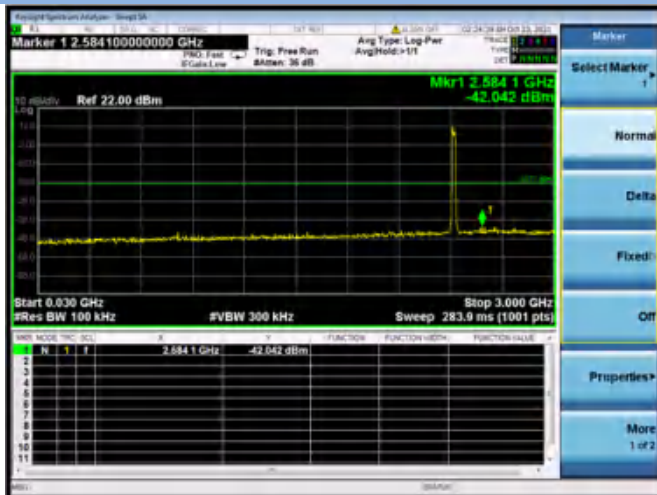
802.11ax-20(SU) CHANNEL 2 CARRIER LEVEL


802.11ax-20(SU) CHANNEL 2, SPURIOUS
30 MHz ~ 3 GHz

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


802.11ax-20(SU) CHANNEL 3 CARRIER LEVEL



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

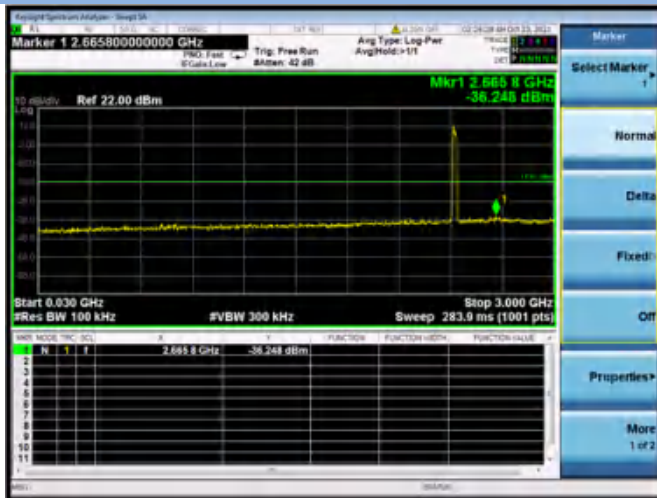
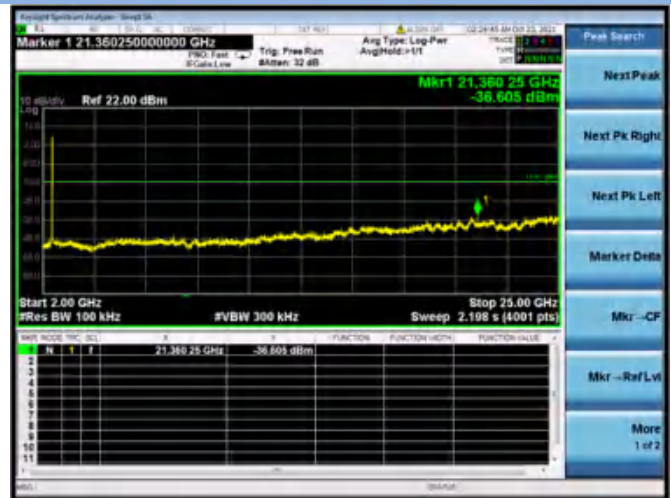


802.11ax-20(SU) CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

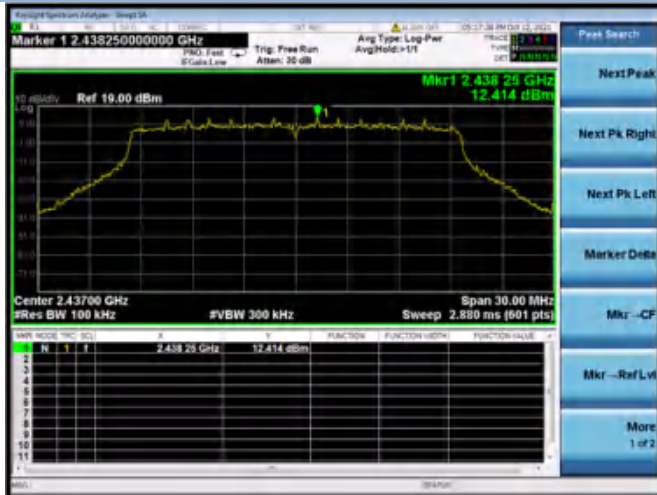
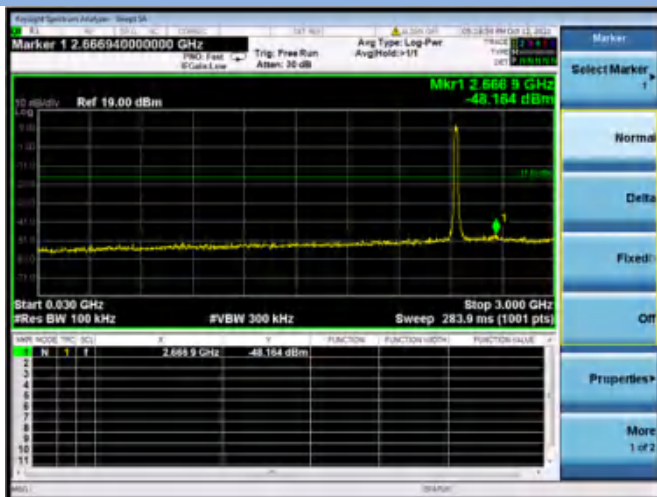
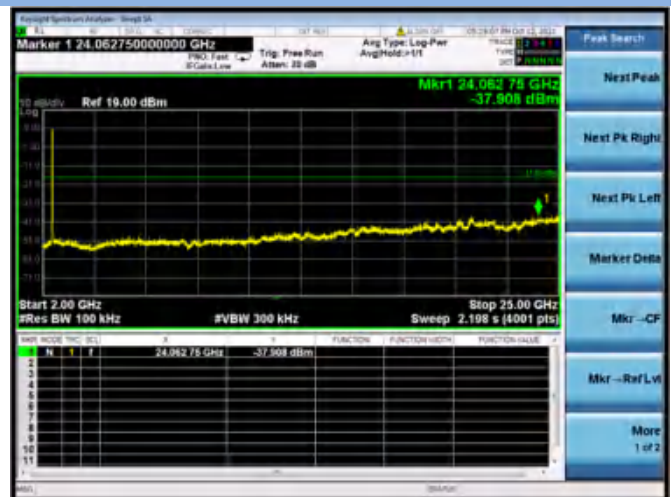


802.11ax-20(SU) CHANNEL 4 CARRIER LEVEL



802.11ax-20(SU) CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


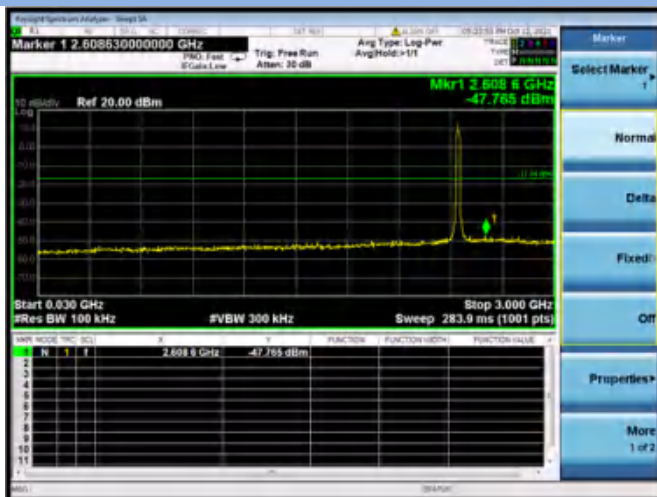
802.11ax-20(SU) CHANNEL 6 CARRIER LEVEL


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

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


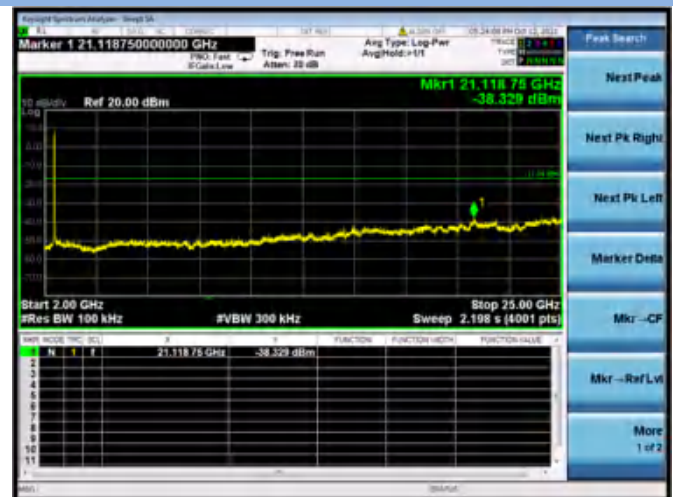
802.11ax-20(SU) CHANNEL 8 CARRIER LEVEL



802.11ax-20(SU) CHANNEL 8, SPURIOUS 30 MHz ~ 3 GHz

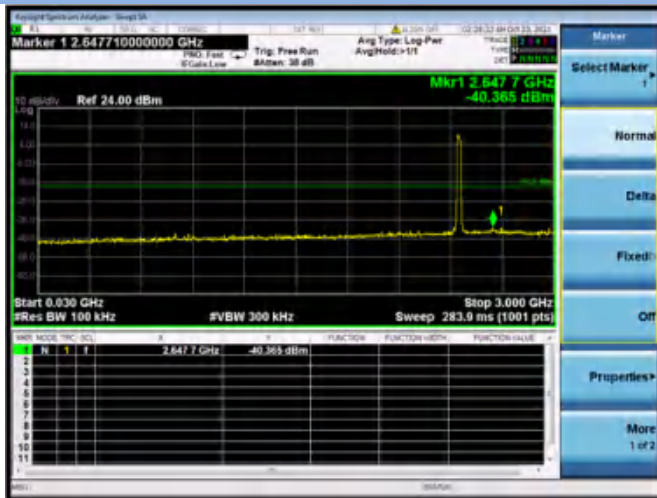


802.11ax-20(SU) CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz

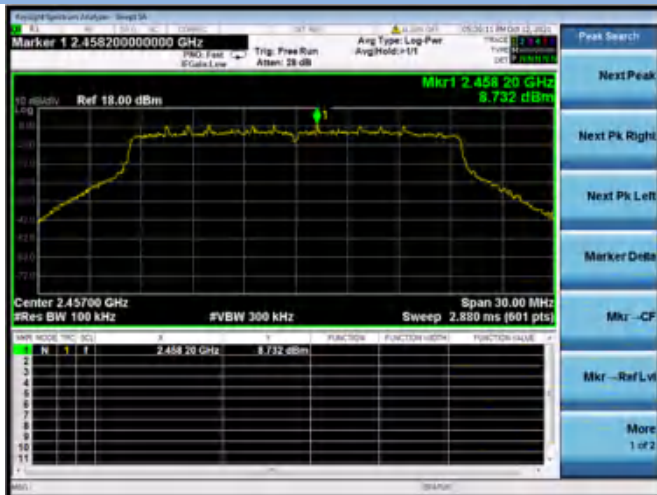
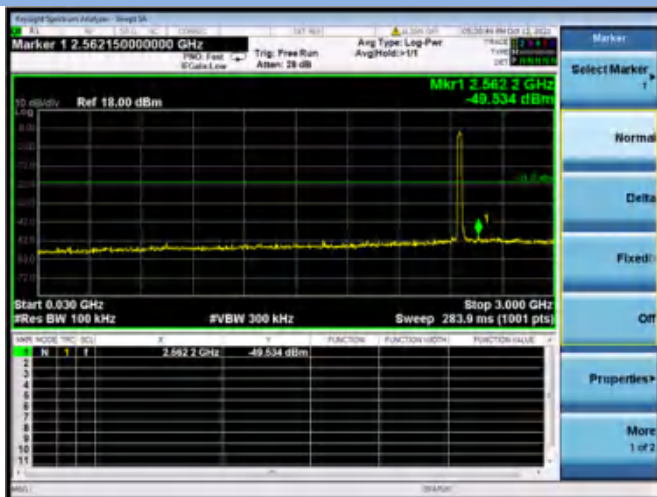


802.11ax-20(SU) CHANNEL 9 CARRIER LEVEL



802.11ax-20(SU) CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz

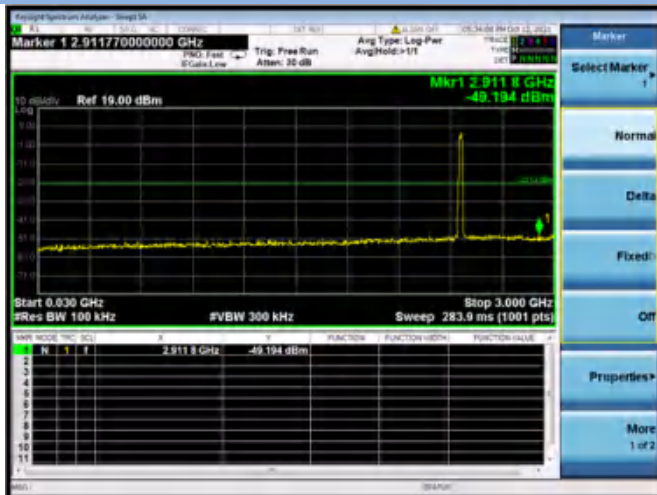

802.11ax-20(SU) CHANNEL 10 CARRIER LEVEL


802.11ax-20(SU) CHANNEL 10, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-20(SU) CHANNEL 11 CARRIER LEVEL



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

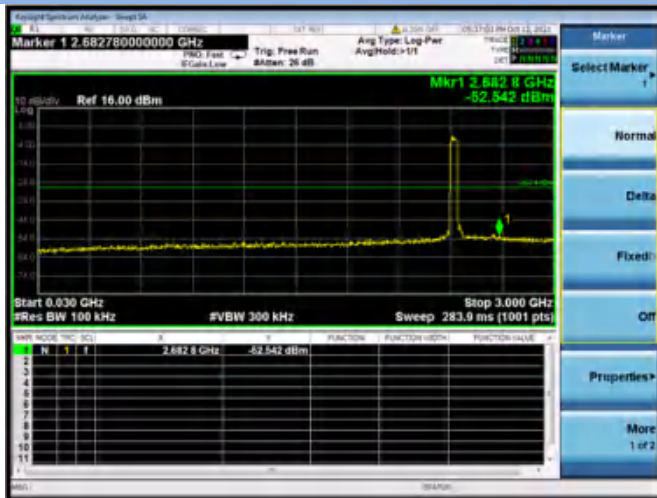


802.11ax-20(SU) CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz

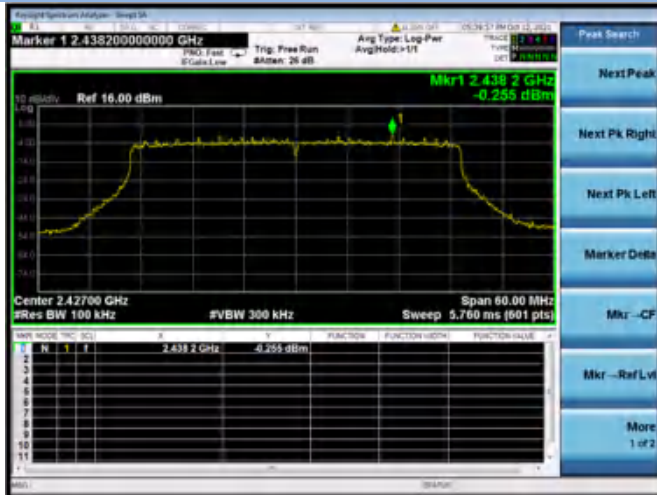
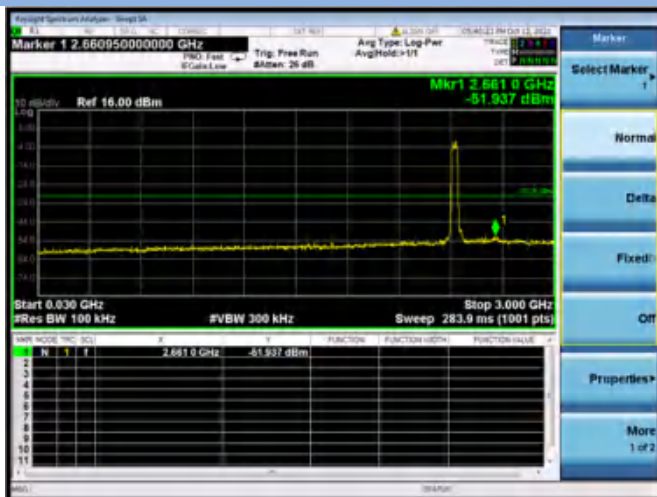


802.11ax-40(SU) CHANNEL 3 CARRIER LEVEL

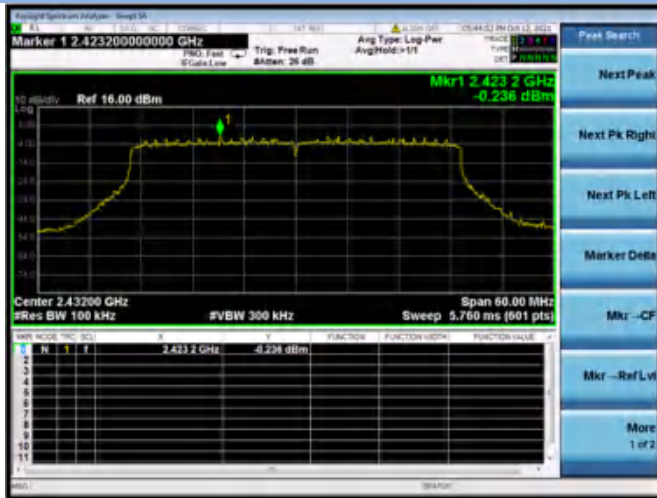


802.11ax-40(SU) CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz

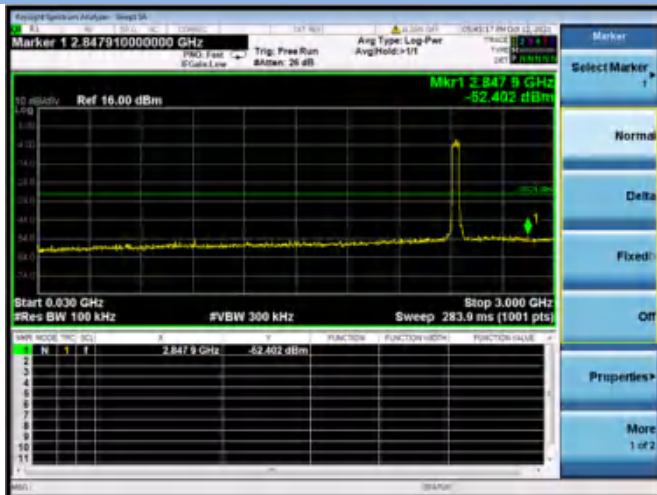

802.11ax-40(SU) CHANNEL 4 CARRIER LEVEL


802.11ax-40(SU) CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-40(SU) CHANNEL 5 CARRIER LEVEL



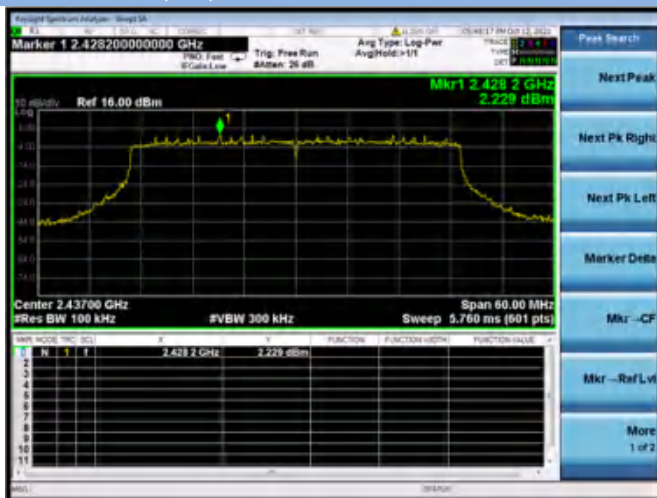
802.11ax-40(SU) CHANNEL 5, SPURIOUS 30 MHz ~ 3 GHz

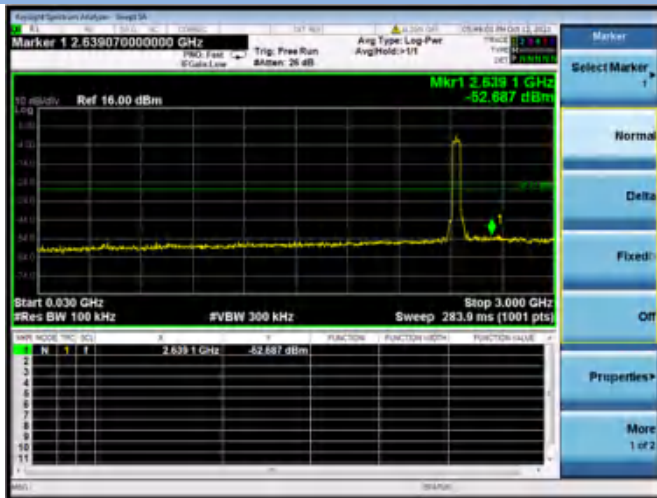


802.11ax-40(SU) CHANNEL 5, SPURIOUS 2 GHz ~ 25 GHz

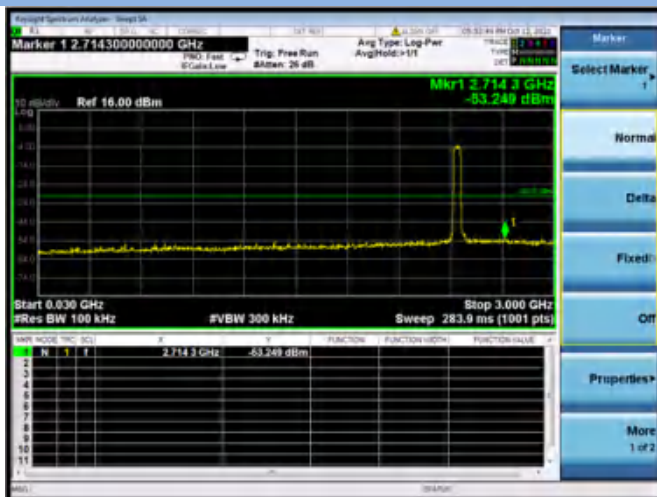


802.11ax-40(SU) CHANNEL 6 CARRIER LEVEL



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

802.11ax-40(SU) CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz

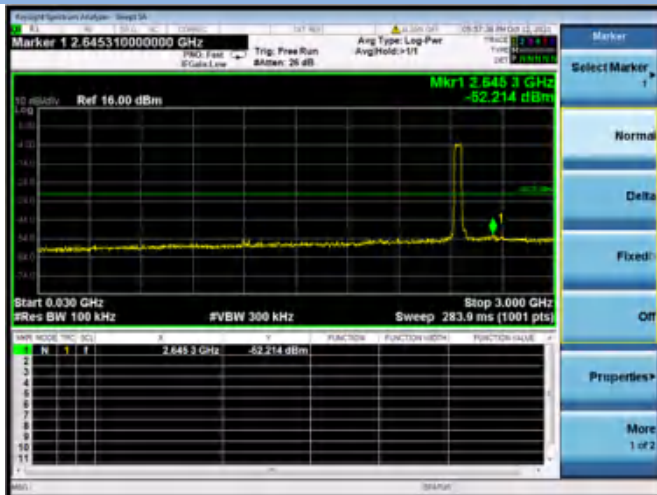

802.11ax-40(SU) CHANNEL 7 CARRIER LEVEL


802.11ax-40(SU) CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-40(SU) CHANNEL 8 CARRIER LEVEL



802.11ax-40(SU) CHANNEL 8, SPURIOUS 30 MHz ~ 3 GHz

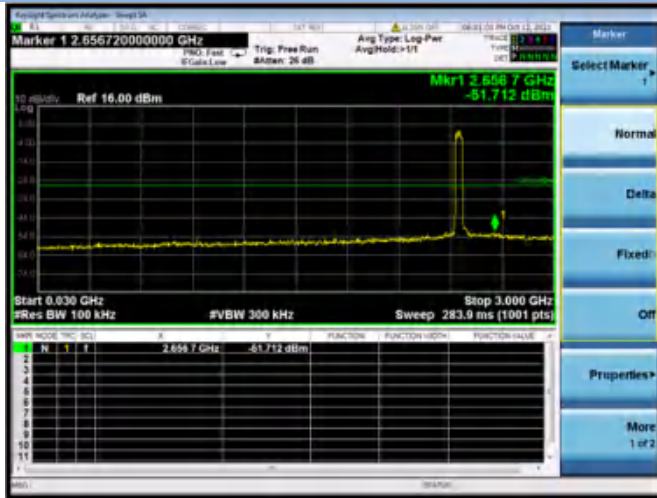
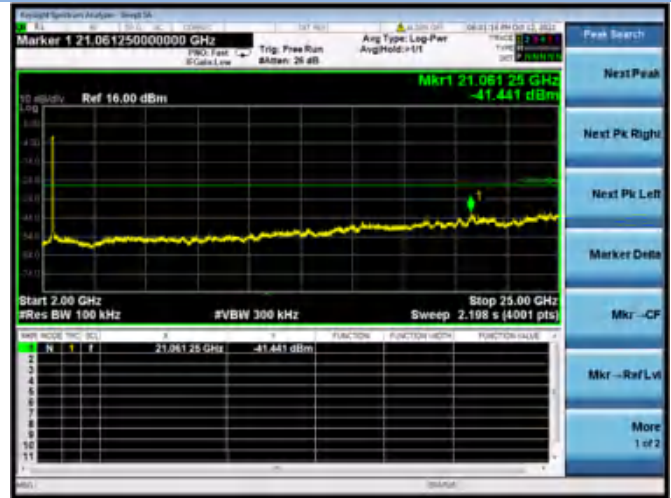


802.11ax-40(SU) CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-40(SU) CHANNEL 9 CARRIER LEVEL



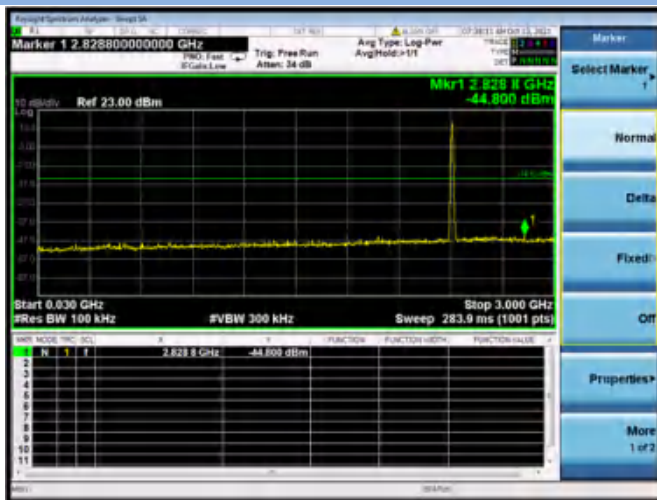
802.11ax-40(SU) CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz


MIMO-Mian Antenna

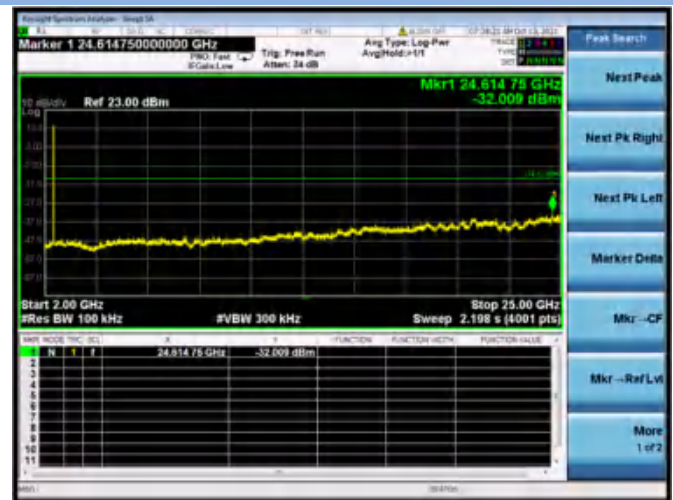
802.11b CHANNEL 1 CARRIER LEVEL



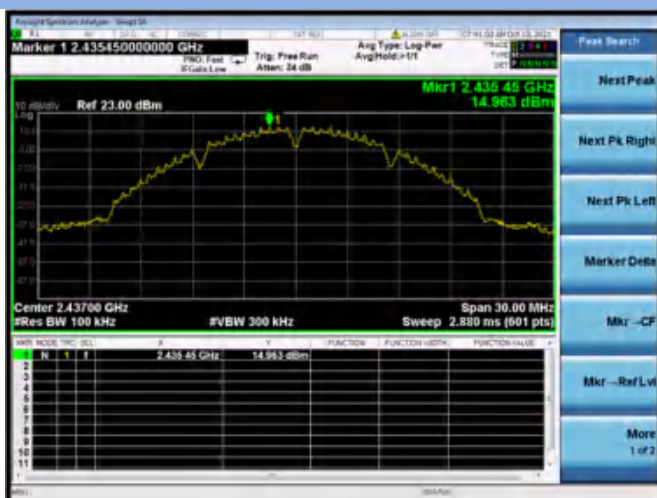
802.11b CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



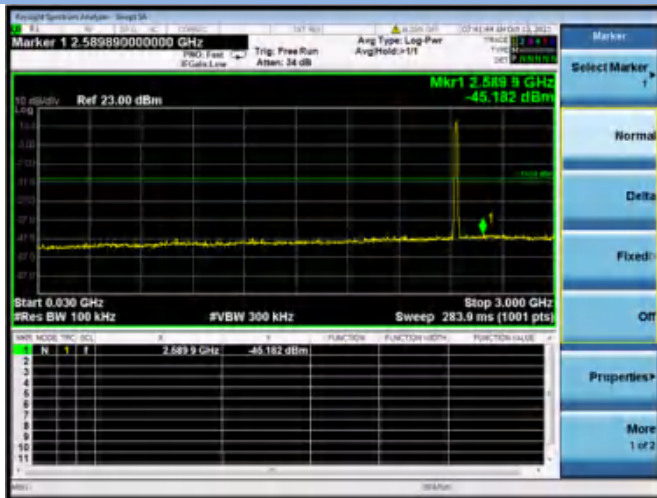
802.11b CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



802.11b CHANNEL 6 CARRIER LEVEL



802.11b CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz



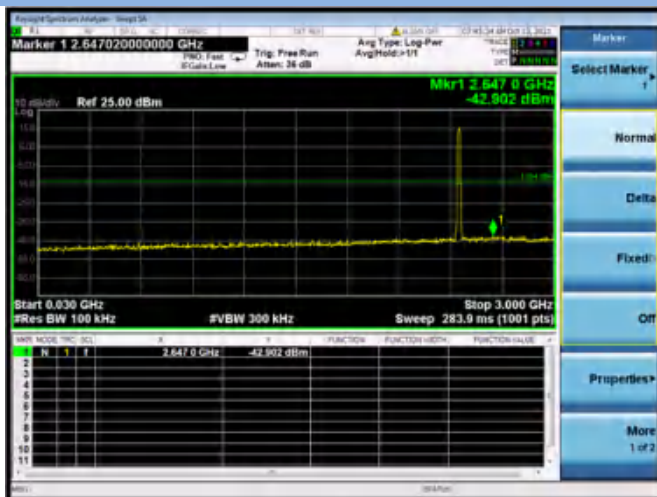
802.11b CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



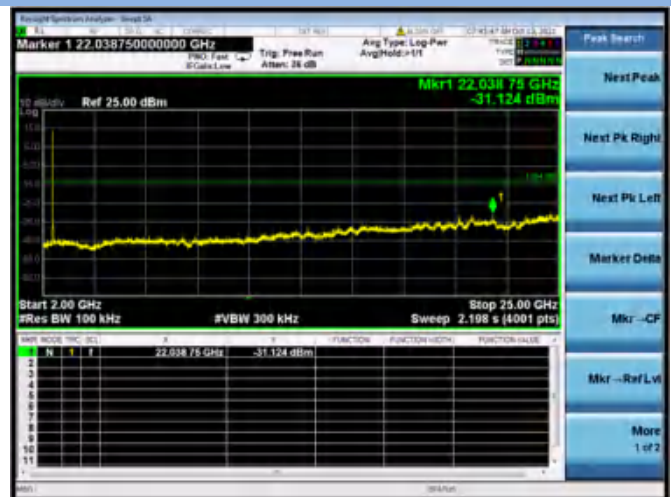
802.11b CHANNEL 9 CARRIER LEVEL



802.11b CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz



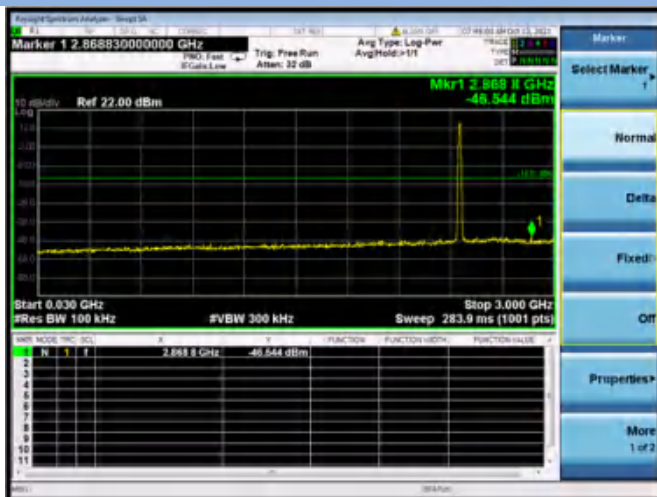
802.11b CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz



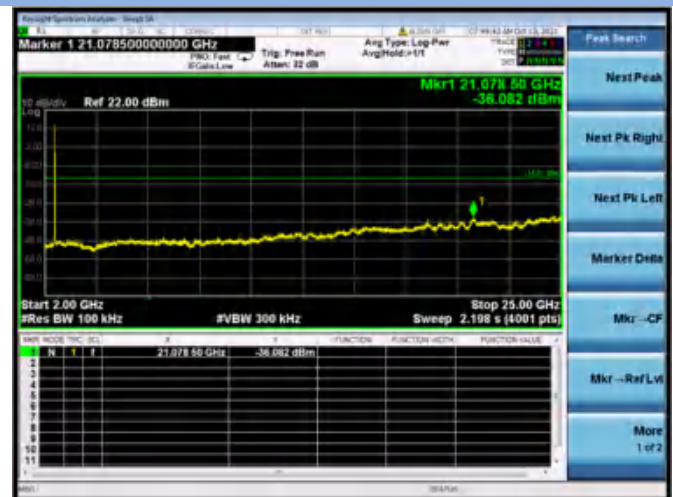
802.11b CHANNEL 10 CARRIER LEVEL



802.11b CHANNEL 10, SPURIOUS 30 MHz ~ 3 GHz

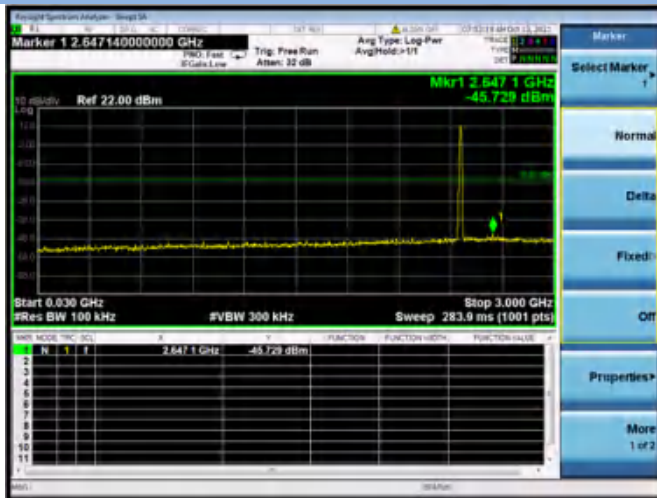


802.11b CHANNEL 10, SPURIOUS 2 GHz ~ 25 GHz



802.11b CHANNEL 11 CARRIER LEVEL

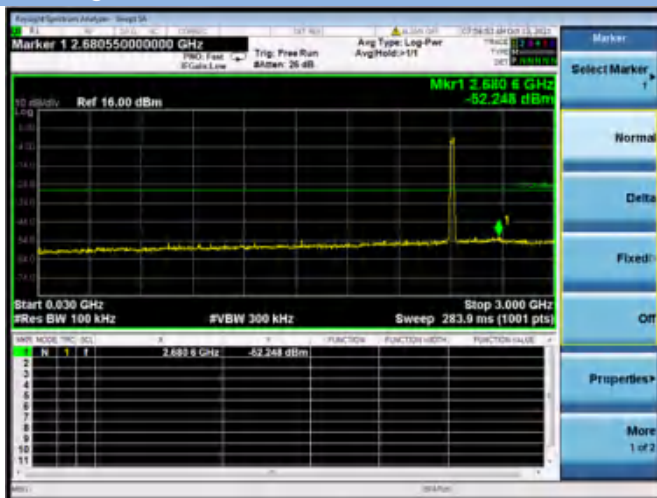


802.11b CHANNEL 11, SPURIOUS
30 MHz ~ 3 GHz

802.11b CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz


802.11g CHANNEL 1 CARRIER LEVEL



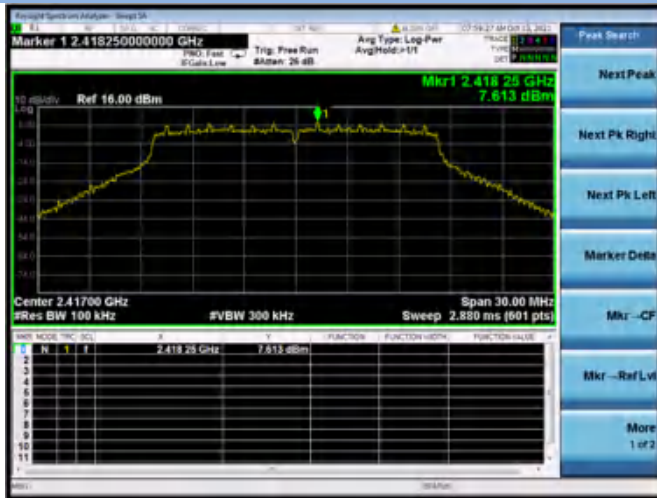
802.11g CHANNEL 1, SPURIOUS 30 MHz ~ 3 GHz



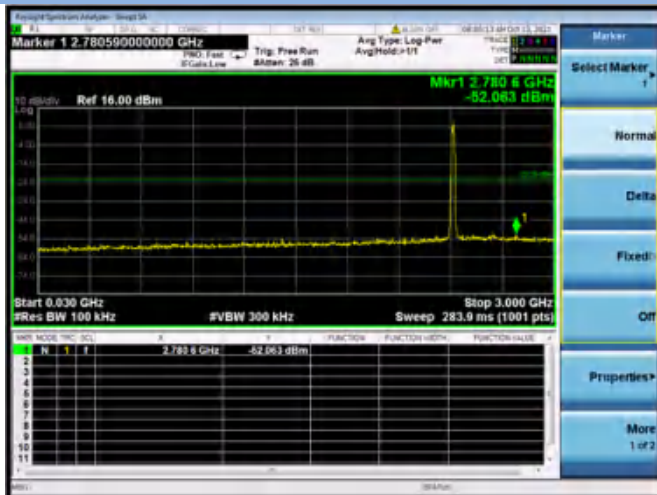
802.11g CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



802.11g CHANNEL 2 CARRIER LEVEL



802.11g CHANNEL 2, SPURIOUS 30 MHz ~ 3 GHz

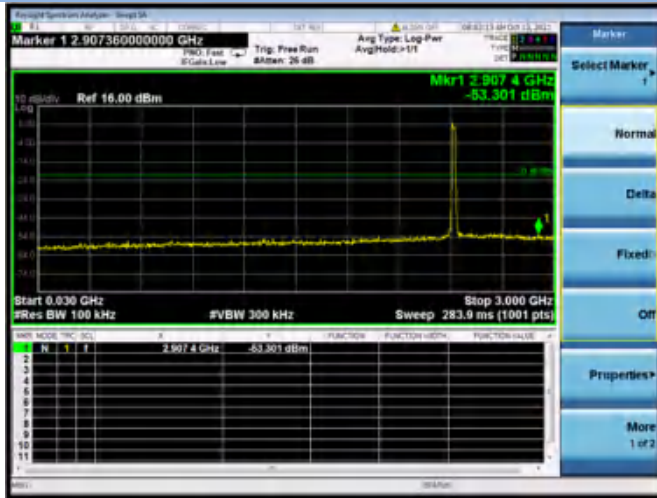


802.11g CHANNEL 2, SPURIOUS 2 GHz ~ 25 GHz

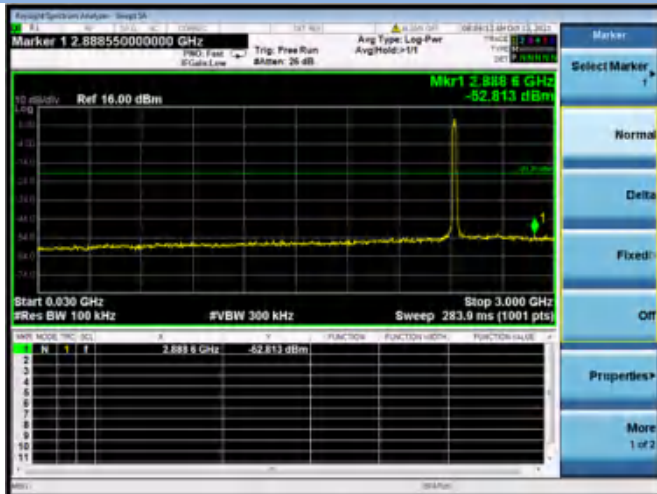
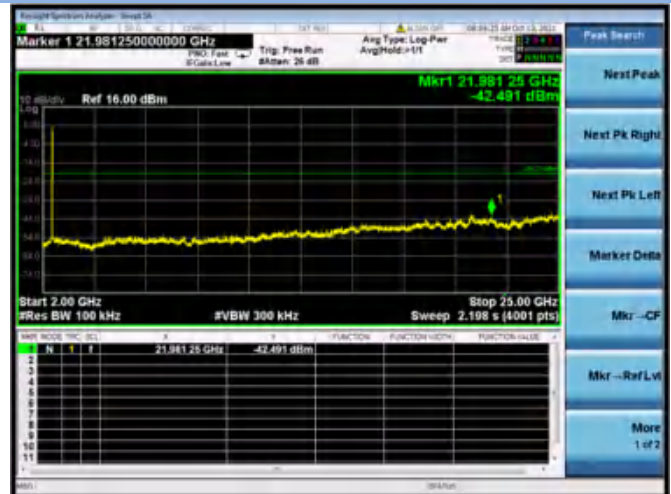


802.11g CHANNEL 3 CARRIER LEVEL



802.11g CHANNEL 3, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 3, SPURIOUS
2 GHz ~ 25 GHz

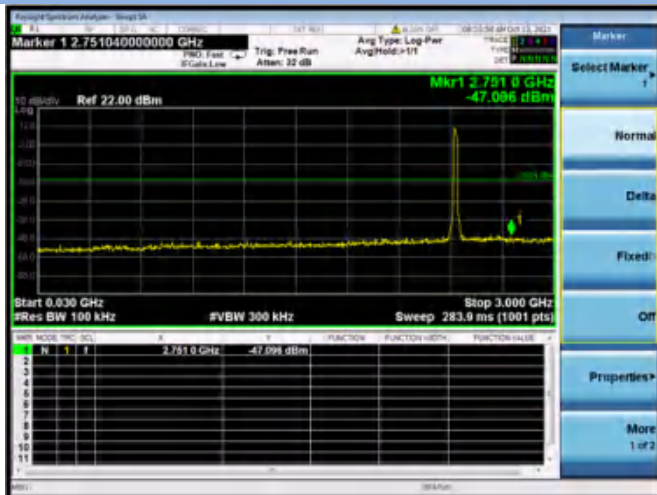

802.11g CHANNEL 4 CARRIER LEVEL


802.11g CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


802.11g CHANNEL 5 CARRIER LEVEL



802.11g CHANNEL 5, SPURIOUS 30 MHz ~ 3 GHz

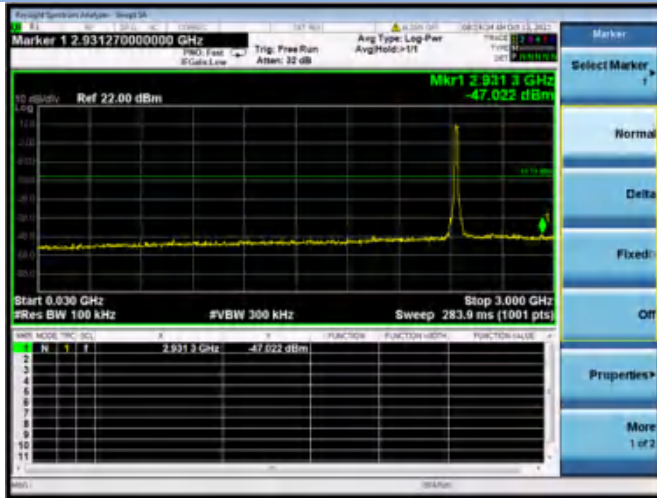
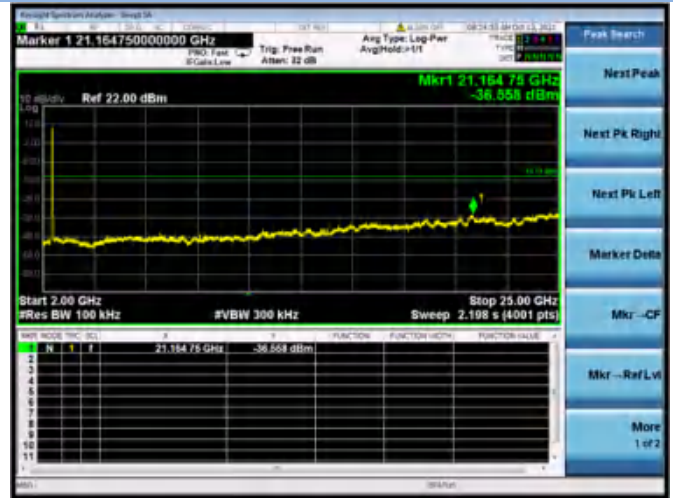


802.11g CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz

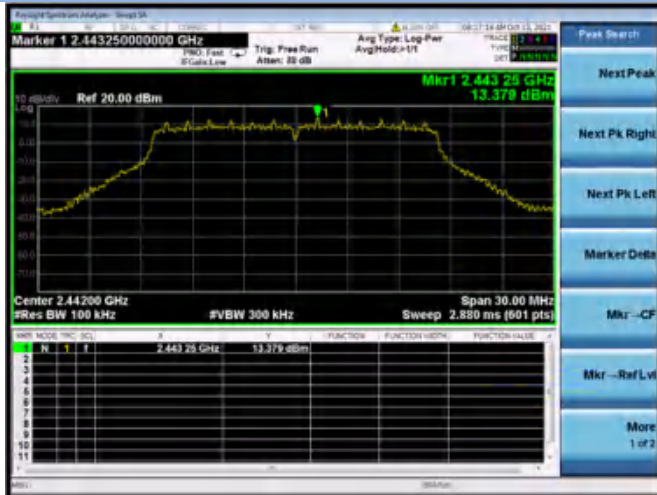
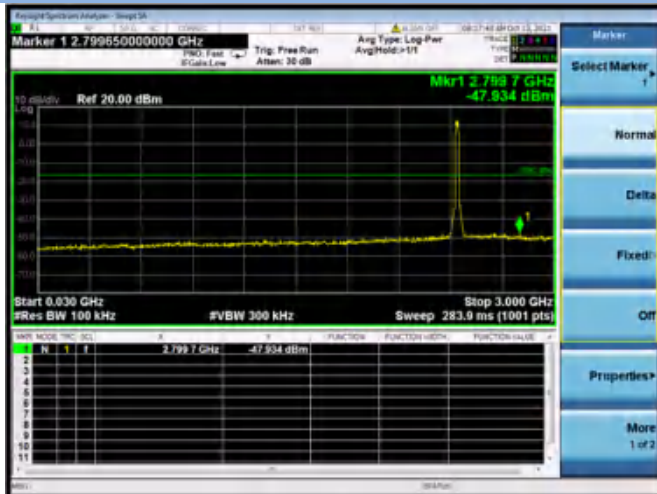


802.11g CHANNEL 6 CARRIER LEVEL

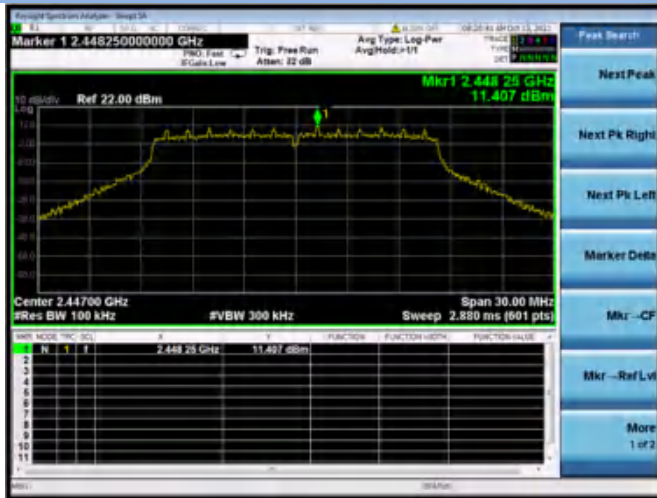


802.11g CHANNEL 6, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 6, SPURIOUS
2 GHz ~ 25 GHz


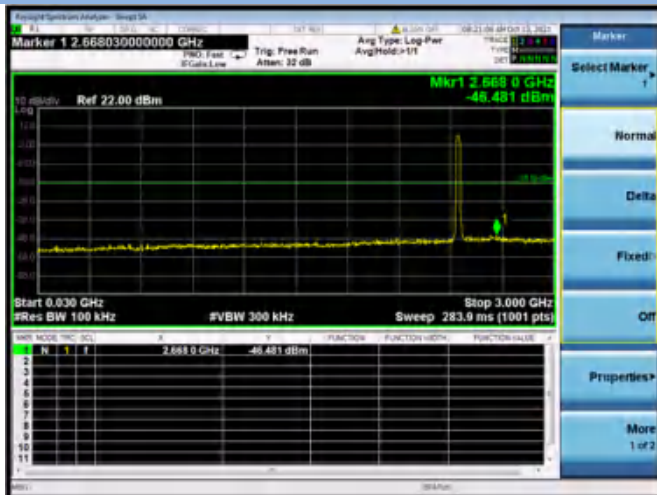
802.11g CHANNEL 7 CARRIER LEVEL


802.11g CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz


802.11g CHANNEL 8 CARRIER LEVEL



802.11g CHANNEL 8, SPURIOUS 30 MHz ~ 3 GHz

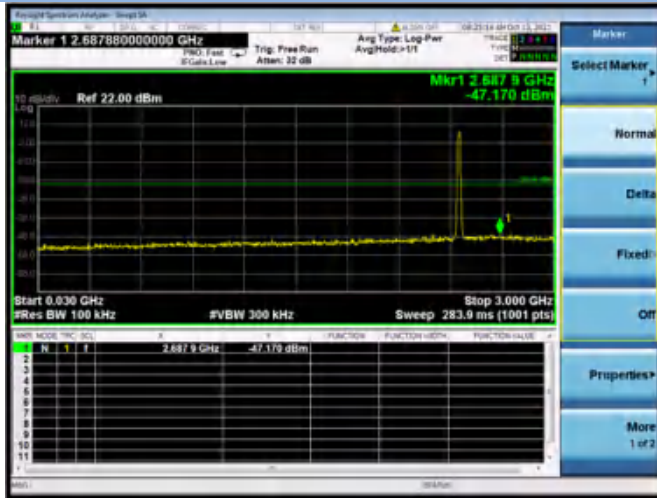
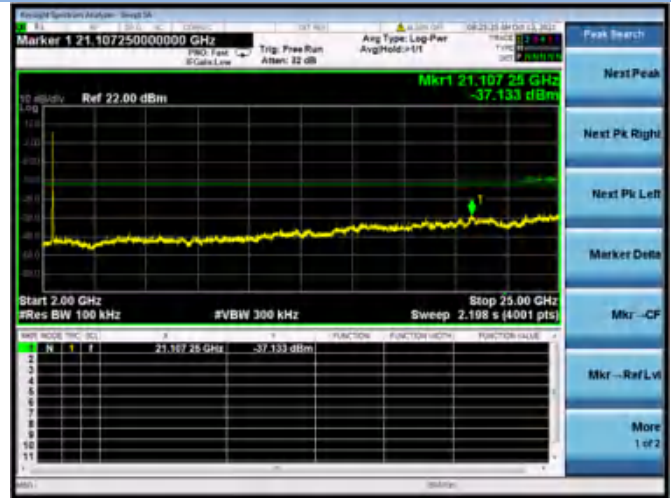


802.11g CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz

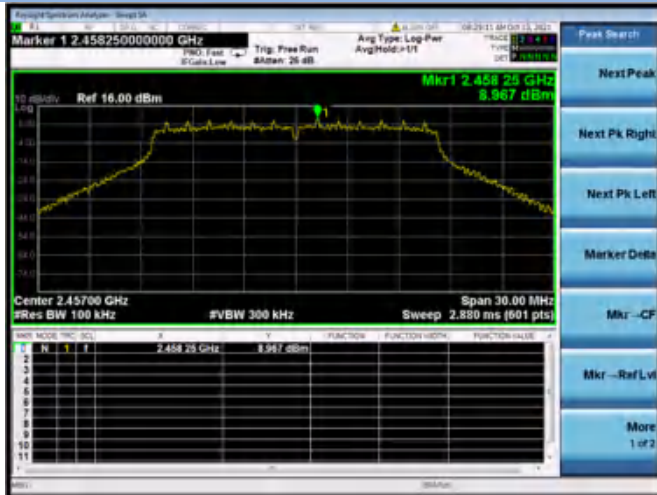
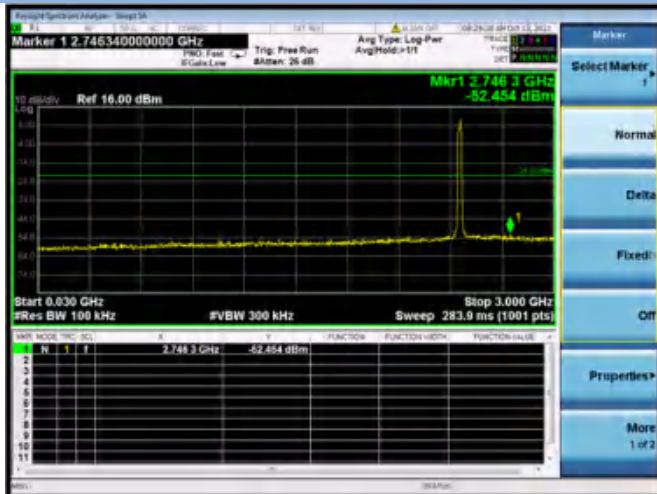


802.11g CHANNEL 9 CARRIER LEVEL



802.11g CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz


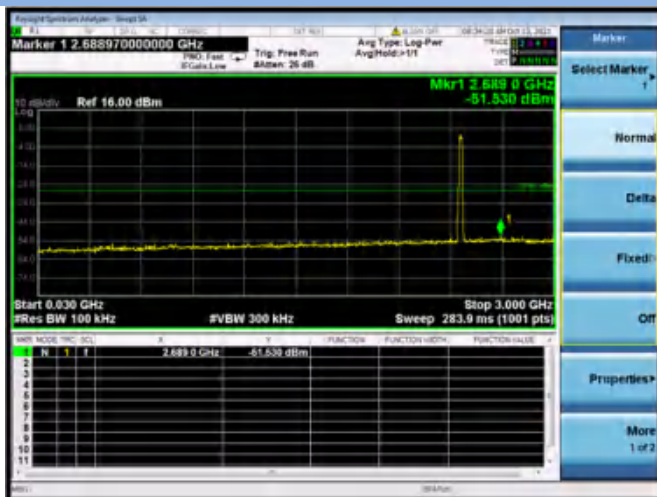
802.11g CHANNEL 10 CARRIER LEVEL


802.11g CHANNEL 10, SPURIOUS
30 MHz ~ 3 GHz

802.11g CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz

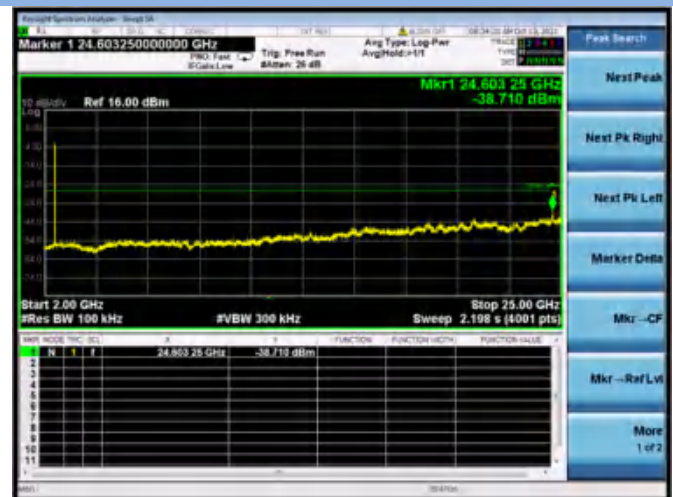

802.11g CHANNEL 11 CARRIER LEVEL



802.11g CHANNEL 11, SPURIOUS 30 MHz ~ 3 GHz



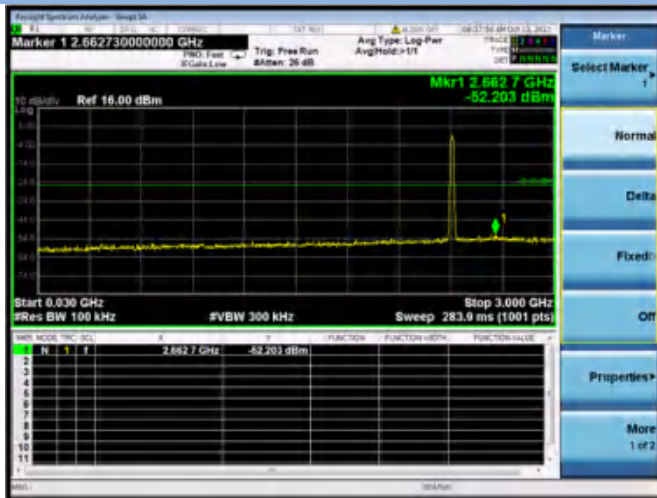
802.11g CHANNEL 11, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 CHANNEL 1 CARRIER LEVEL



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



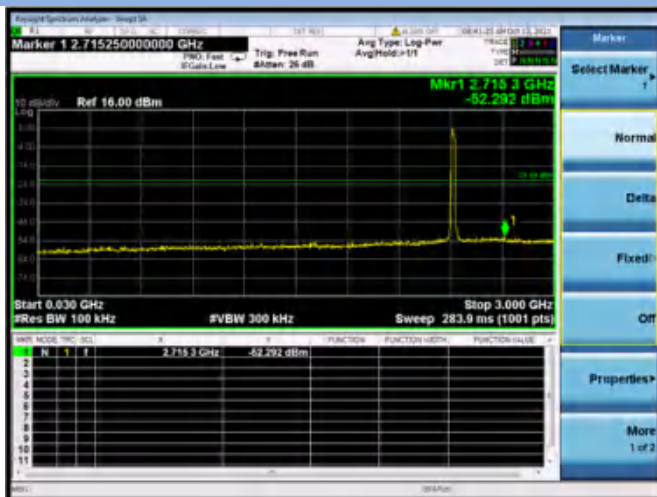
802.11n-20 CHANNEL 1, SPURIOUS 2 GHz ~ 25 GHz



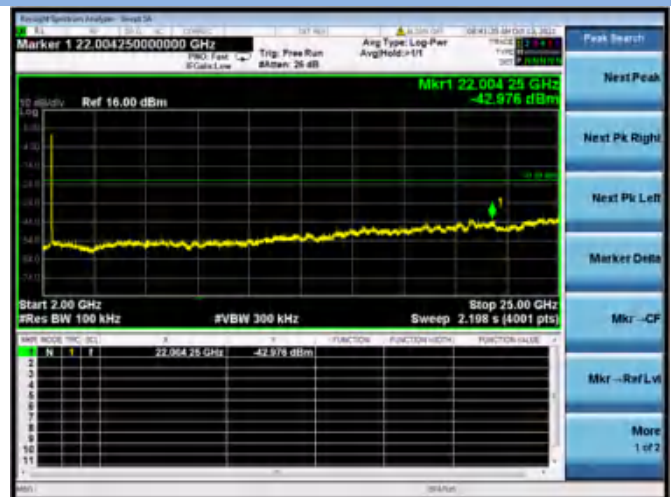
802.11n-20 CHANNEL 2 CARRIER LEVEL



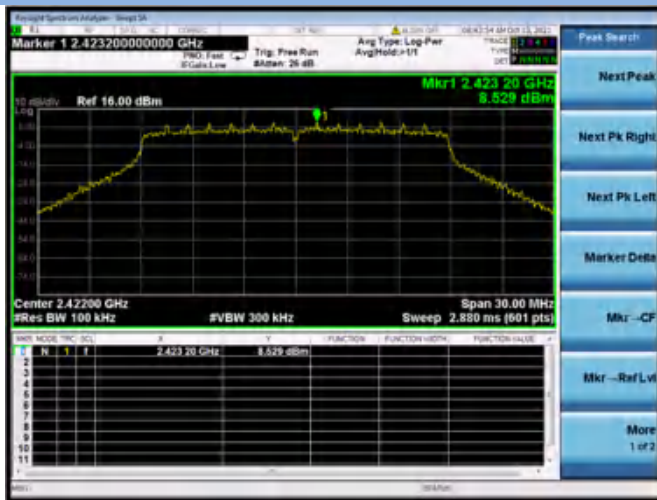
802.11n-20 CHANNEL 2, SPURIOUS 30 MHz ~ 3 GHz



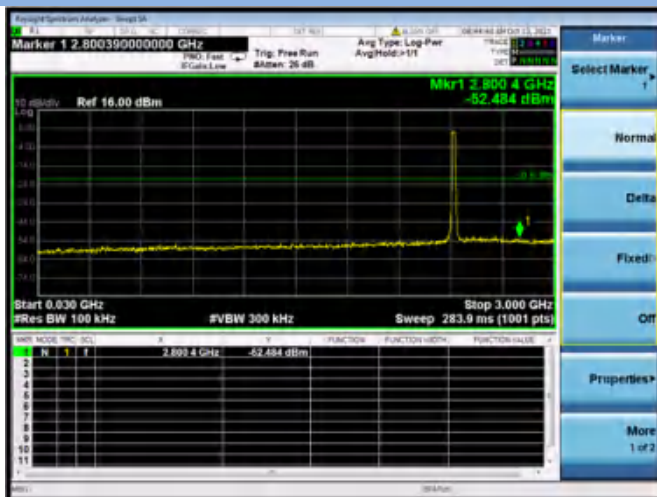
802.11n-20 CHANNEL 2, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 CHANNEL 3 CARRIER LEVEL



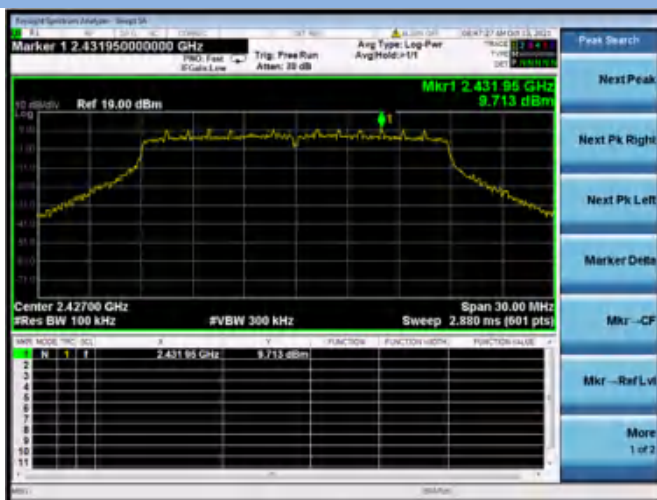
802.11n-20 CHANNEL 3, SPURIOUS 30 MHz ~ 3 GHz

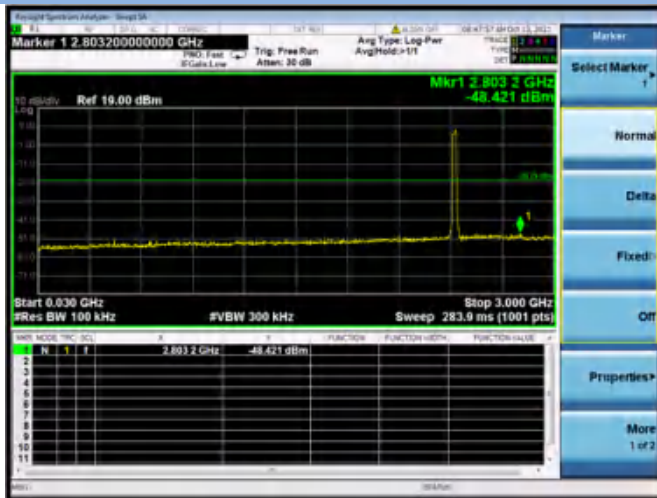


802.11n-20 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

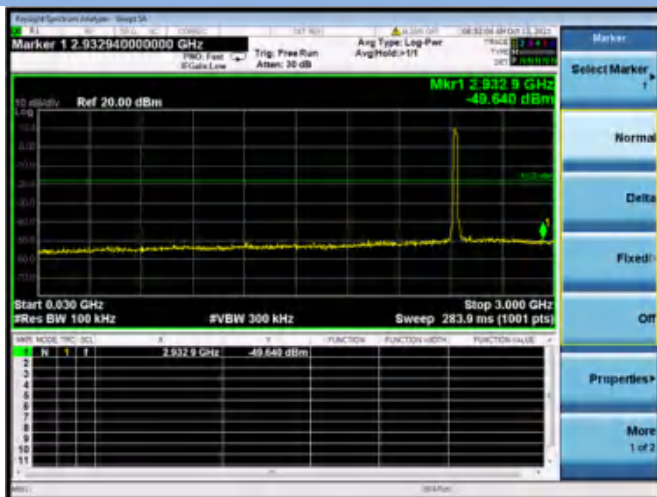
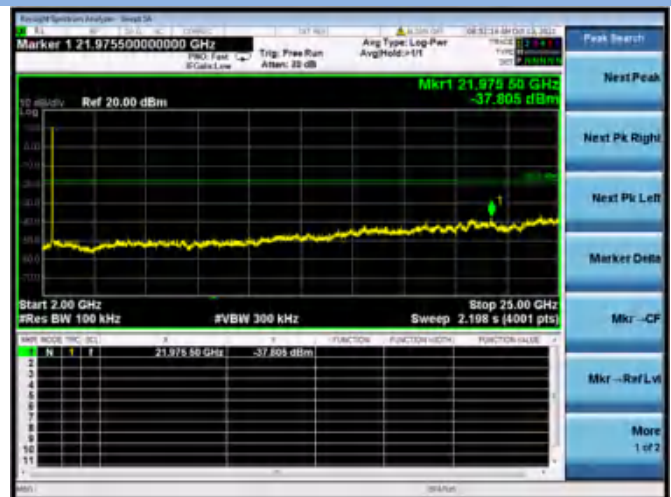


802.11n-20 CHANNEL 4 CARRIER LEVEL



802.11n-20 CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11n-20 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz

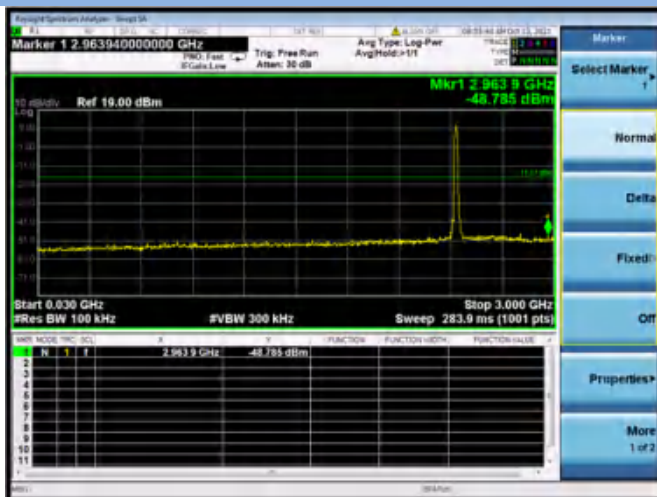

802.11n-20 CHANNEL 5 CARRIER LEVEL


802.11n-20 CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11n-20 CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz


802.11n-20 CHANNEL 6 CARRIER LEVEL



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



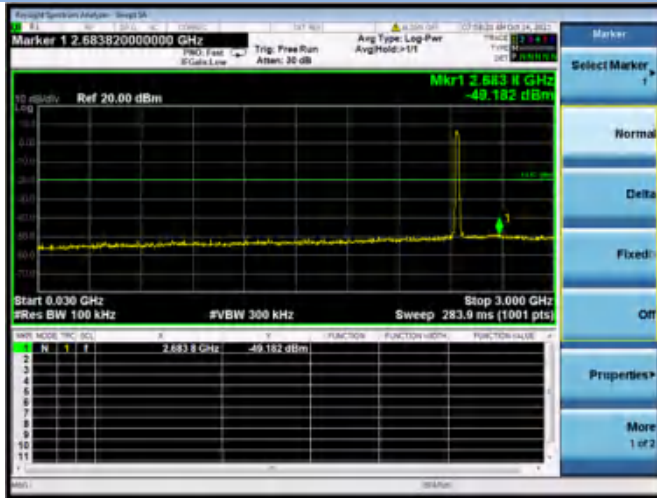
802.11n-20 CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



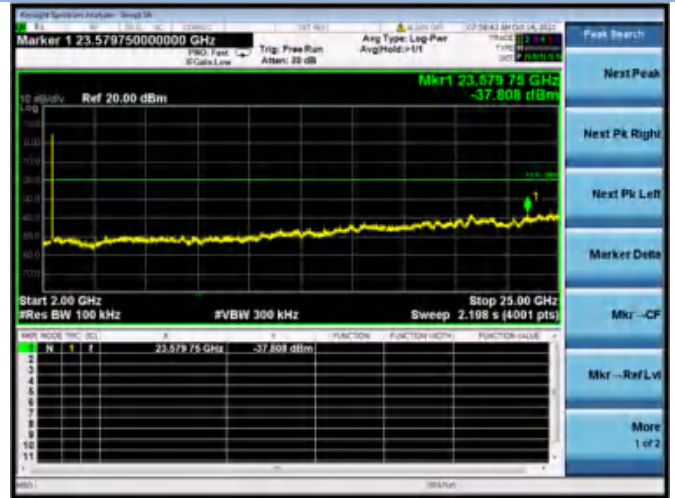
802.11n-20 CHANNEL 7 CARRIER LEVEL



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



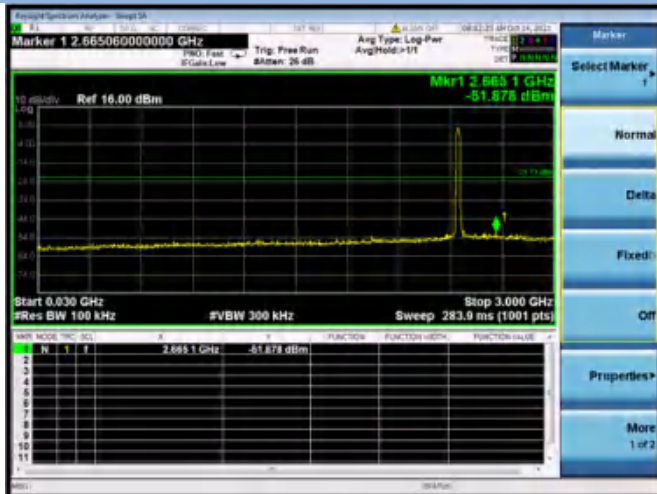
802.11n-20 CHANNEL 7, SPURIOUS 2 GHz ~ 25 GHz



802.11n-20 CHANNEL 8 CARRIER LEVEL



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



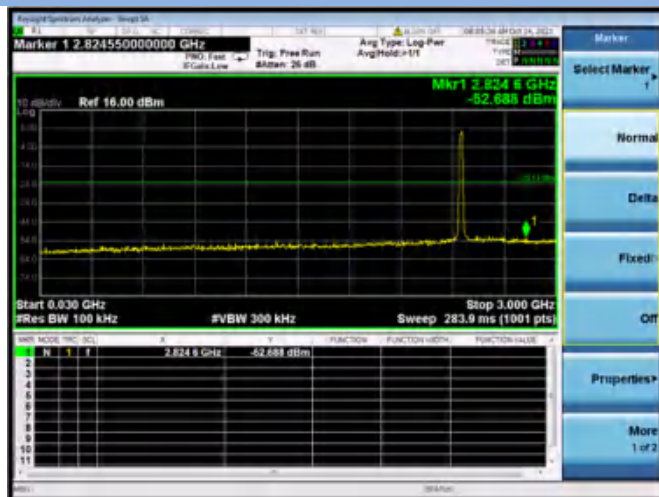
802.11n-20 CHANNEL 8, SPURIOUS 2 GHz ~ 25 GHz



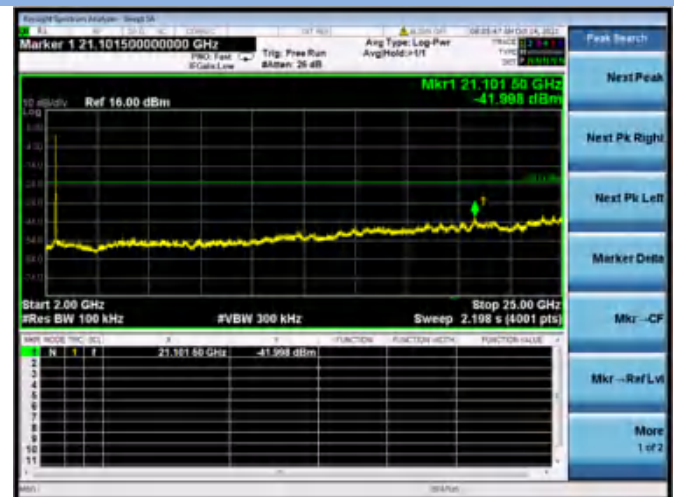
802.11n-20 CHANNEL 9 CARRIER LEVEL



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



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



802.11n-20 CHANNEL 10 CARRIER LEVEL



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



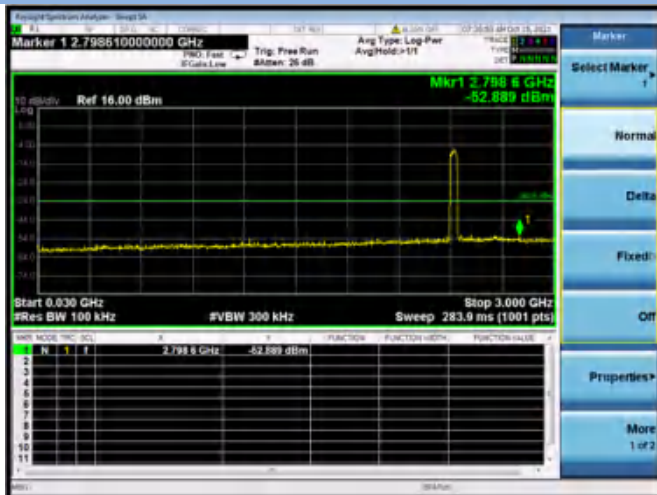
802.11n-20 CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz



802.11n-40 CHANNEL 3 CARRIER LEVEL



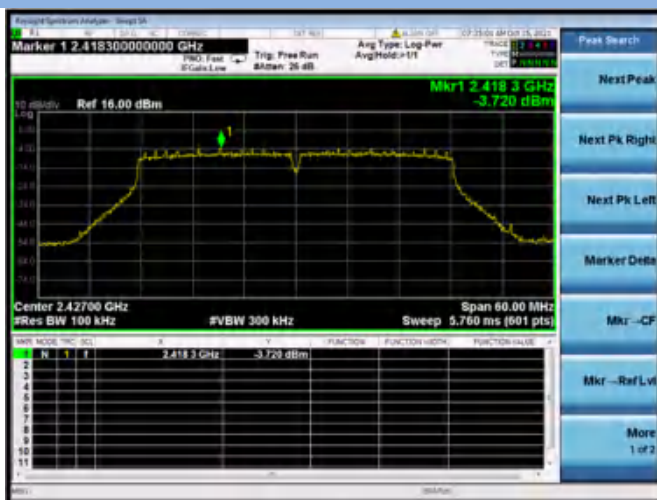
802.11n-40 CHANNEL 3, SPURIOUS 30 MHz ~ 3 GHz

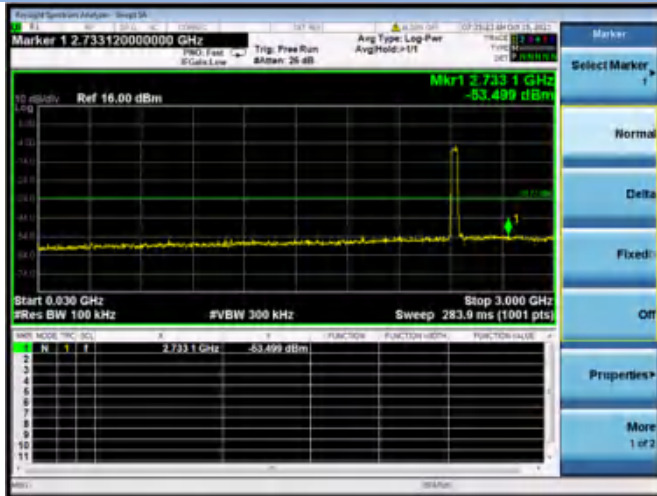


802.11n-40 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

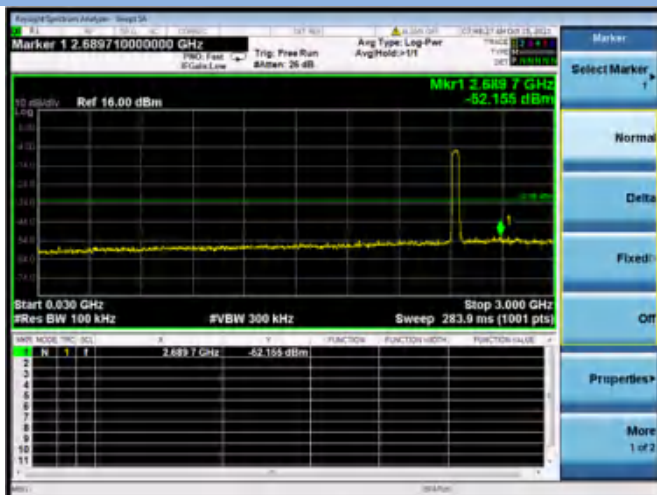
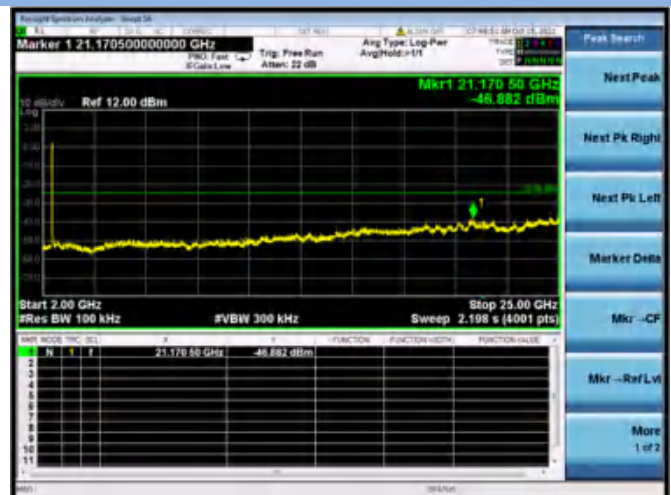


802.11n-40 CHANNEL 4 CARRIER LEVEL



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

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

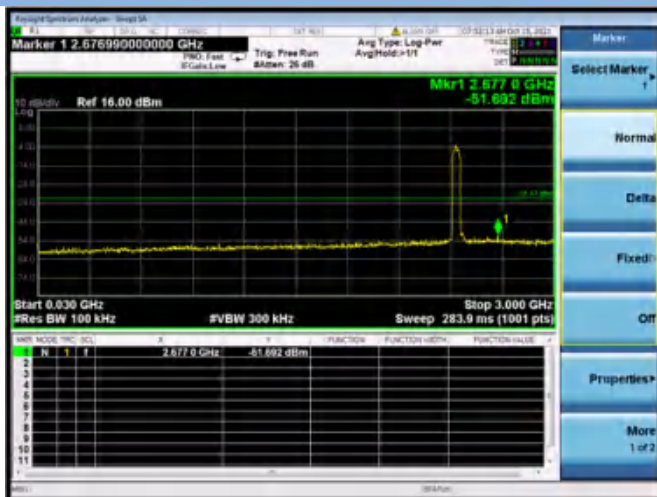

802.11n-40 CHANNEL 5 CARRIER LEVEL


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

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


802.11n-40 CHANNEL 6 CARRIER LEVEL



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

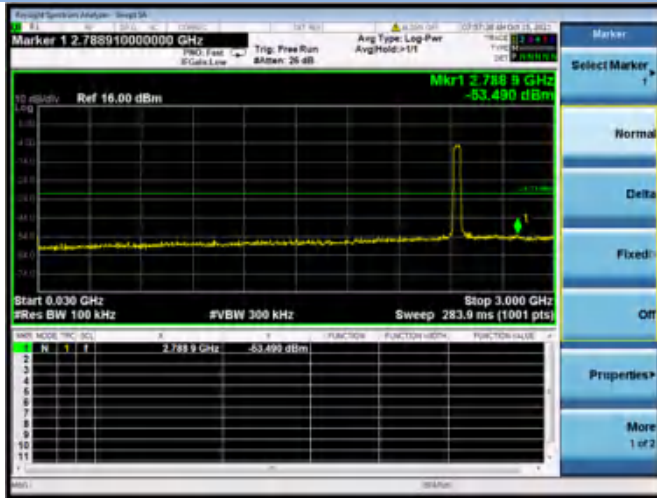
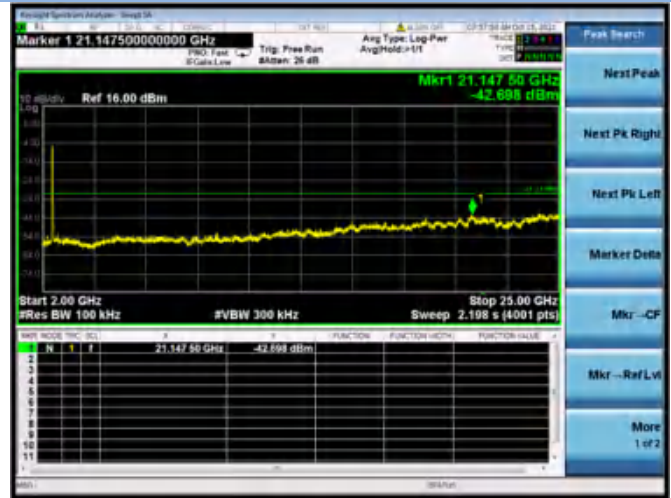


802.11n-40 CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz

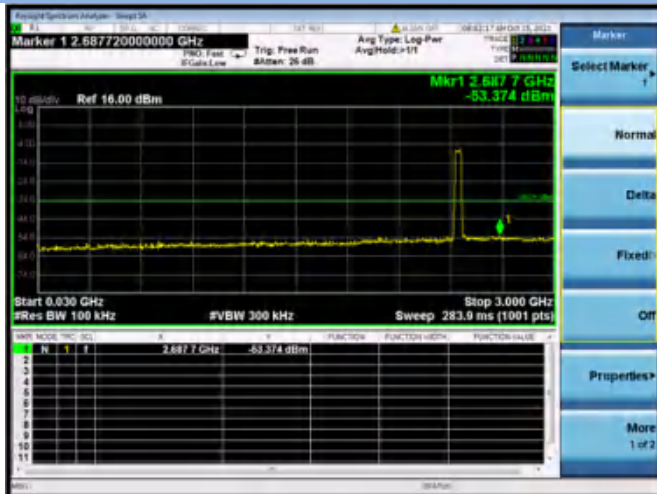


802.11n-40 CHANNEL 7 CARRIER LEVEL



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

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


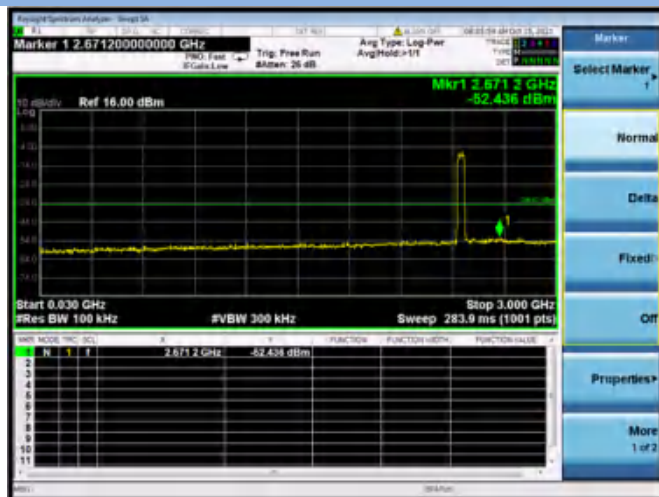
802.11n-40 CHANNEL 8 CARRIER LEVEL


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

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


802.11n-40 CHANNEL 9 CARRIER LEVEL



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



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



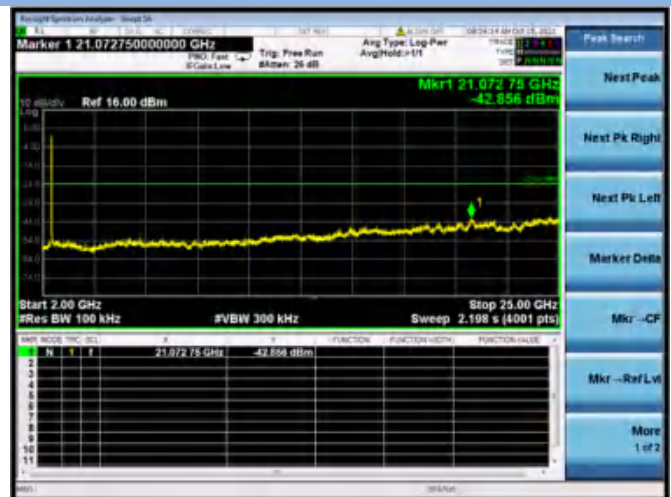
802.11VHT-20 CHANNEL 1 CARRIER LEVEL



802.11VHT-20 CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz



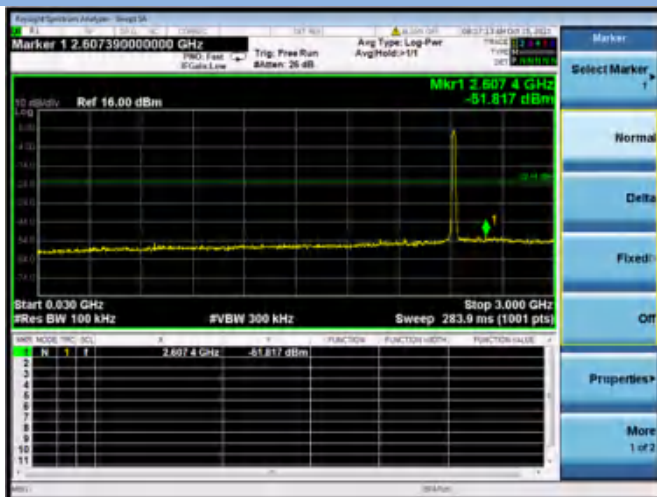
802.11VHT-20 CHANNEL 2, SPURIOUS
2 GHz ~ 25 GHz



802.11VHT-20 CHANNEL 3 CARRIER LEVEL



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

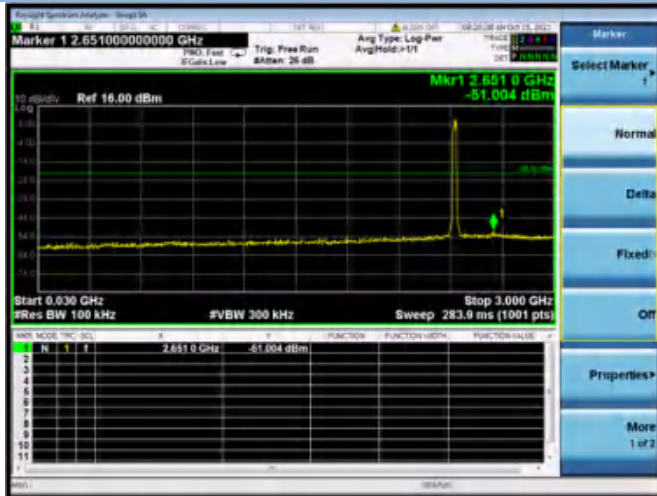


802.11VHT-20 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

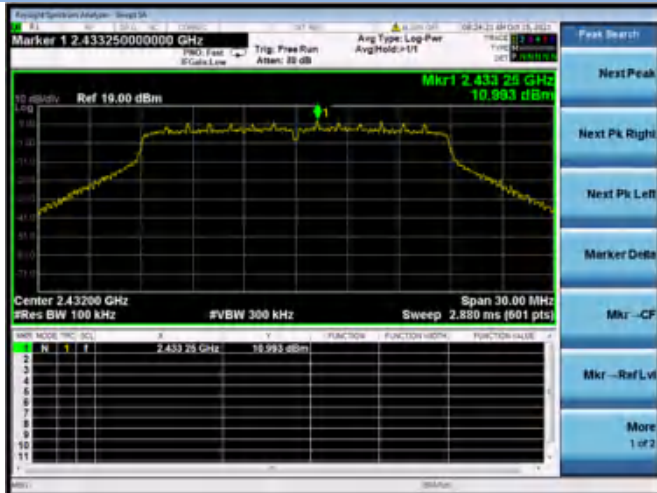
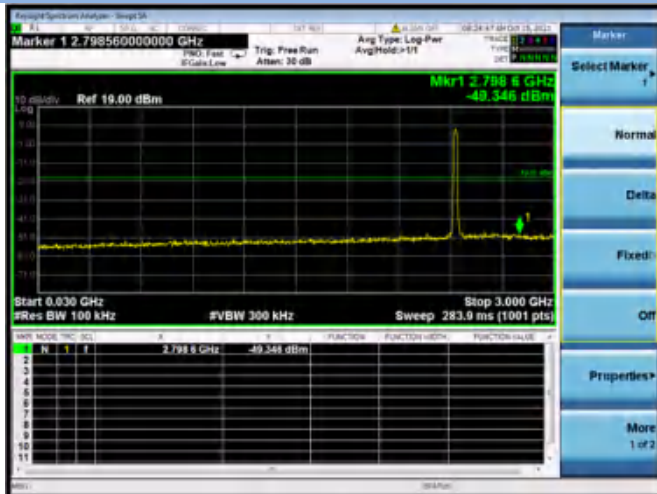
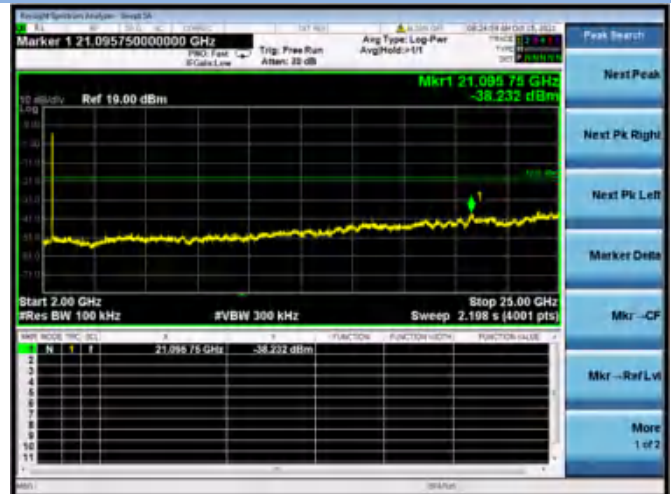


802.11VHT-20 CHANNEL 4 CARRIER LEVEL



802.11VHT-20 CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-20 CHANNEL 5 CARRIER LEVEL


802.11VHT-20 CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-20 CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz


Microsoft Spectrum Analyzer - Sweep 20
 2.43825 GHz 30.00 MHz 0.000000
 Marker 1 2.438250000000000 GHz
 PKG: Fast Trg: Free Run Avg Type: Log-Pwr
 S/Gate Low Attm: 20 dB Avg Hold: >1/1
 08:28:43 da 04 15, 2013
 0.00 dBm/Hz
 30 dB/div Ref 10.00 dBm
 Mkr1 2.438 25 GHz 12.916 dBm
 Center 2.43700 GHz Span 30.00 MHz
 RBW 100 kHz #VBW 300 kHz Sweep 2.880 ms (601 pts)
 Mkr--CF
 Mkr--Ref Lvl
 More
 1 of 2

Power Spectrum Analyzer - Stop1 SA

File Edit View Window Help

Marker 1 2.824350000000 GHz

PSD: Fast

Trig: Free Run

Avg Type: Log-Pwr

Avg Hold: >1T

08/29/17 09:00:15, 2017

Ref 10.00 dBm

Mkr1 2.824 GHz

-48.792 dBm

Start 0.030 GHz

Stop 3.000 GHz

#VBW 300 kHz

Sweep 283.9 ms (1001 pts)

SWR Mode (Hz) (dB)

N	F	F
1	2.824 GHz	-48.792 dBm
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Marker

Select Marker

Normal

Delta

Fixed

Off

Properties

More

1 of 2

Keysight Spectrum Analyzer - Sweep 5A

Marker 1 21.078500000000 GHz

21.0785 GHz

Ref 19.00 dBm

Mkr1 21.078 50 GHz
-38.406 dBm

Start 2.00 GHz
#Res BW 100 kHz

Stop 25.00 GHz
Sweep 2.198 s (4001 pts)

#VBW 300 kHz

TRIG: Free Run
ATTN: 20 dB

Peak Search

Next Peak

Next PK Right

Next PK Left

Marker Data

Mkr--CF

Mkr--Ref Lvl

More 1 of 2

Received Spectrum Analyzer - Stop SA

2.44325 GHz

Marker 1 2.443250000000 GHz

PRF: Fast
3.0 GHz Low

Trig: Free Run
Atten: 20 dB

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

08:33:41 2010/10/15, 2012

Trace 1 1 0.0
Type: Main
Det: Average

Ref 20.00 dBm

Mkr1 2.443 25 GHz
11.048 dBm

Center 2.44200 GHz
#VBW 300 kHz

Span 30.00 MHz
Sweep 2.880 ms (601 pts)

MARK MODE (MHz) dB

	F	F	SEARCH	FUNCTION	FUNCTIONAL
1	N	1	1		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					

2.443 25 GHz 11.048 dBm

Next Peak

Next Pk Right

Next Pk Left

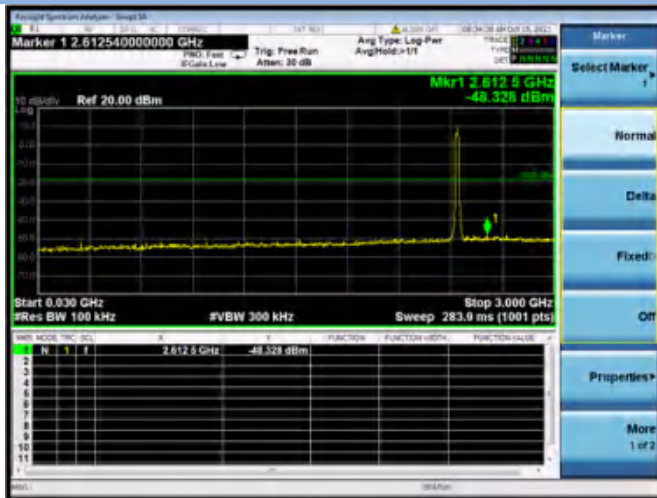
Marker Details

Mkr - CF

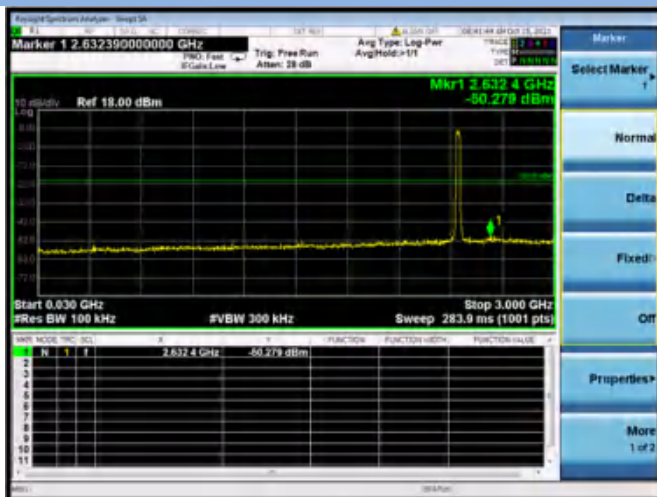
Mkr - Ref Lvl

More

1 of 2

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

802.11VHT-20 CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz

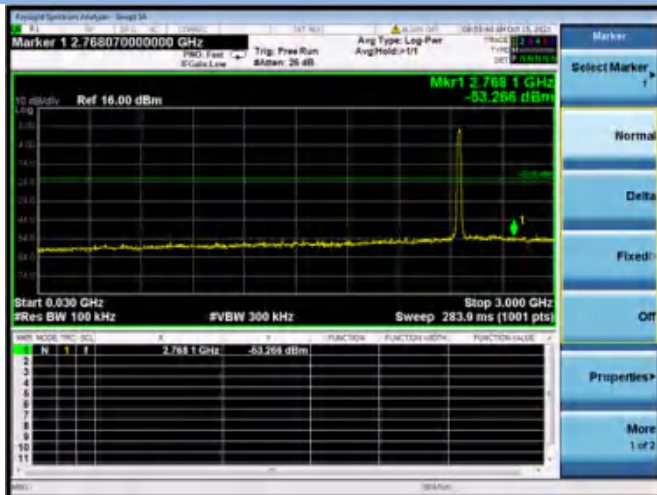

802.11VHT-20 CHANNEL 8 CARRIER LEVEL


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

802.11VHT-20 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-20 CHANNEL 9 CARRIER LEVEL



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



802.11VHT-20 CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz



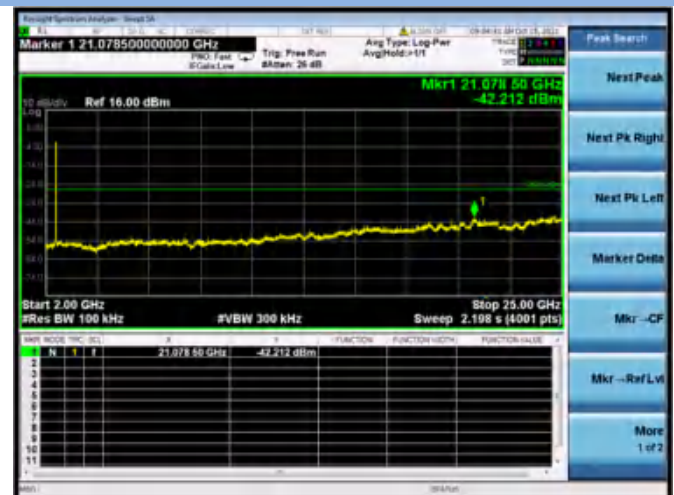
802.11VHT-20 CHANNEL 10 CARRIER LEVEL



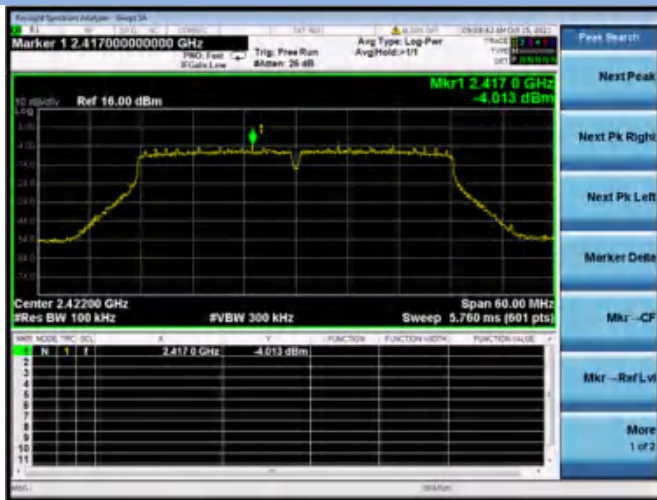
802.11VHT-20 CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz



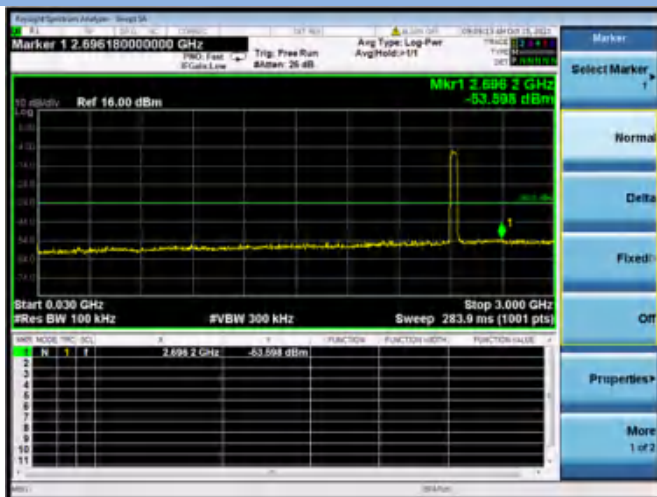
802.11VHT-20 CHANNEL 11, SPURIOUS
2 GHz ~ 25 GHz



802.11VHT-40 CHANNEL 3 CARRIER LEVEL



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

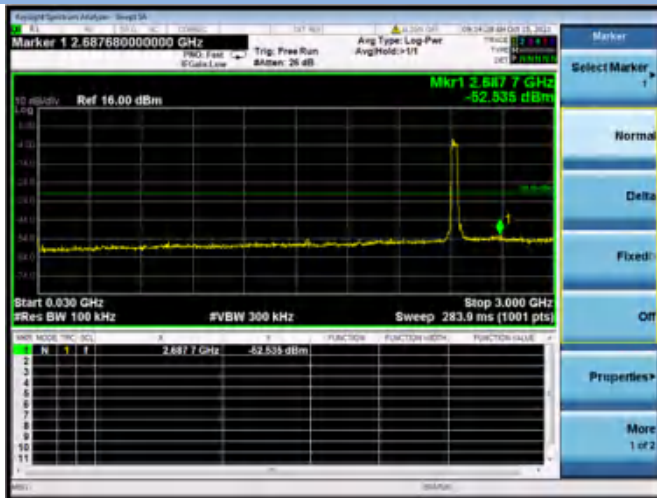


802.11VHT-40 CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

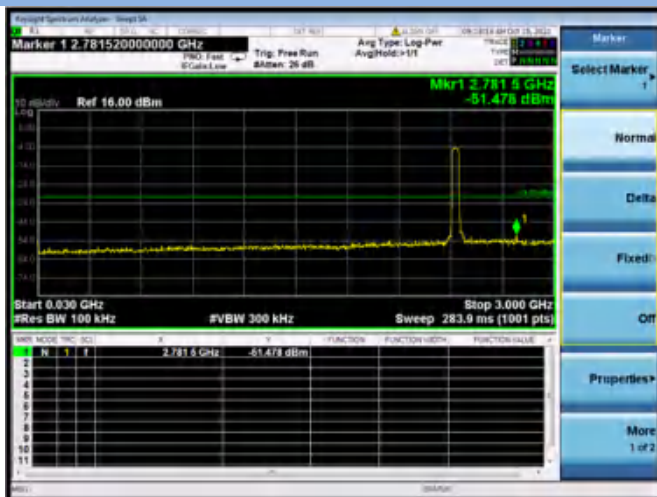


802.11VHT-40 CHANNEL 4 CARRIER LEVEL



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

802.11VHT-40 CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz

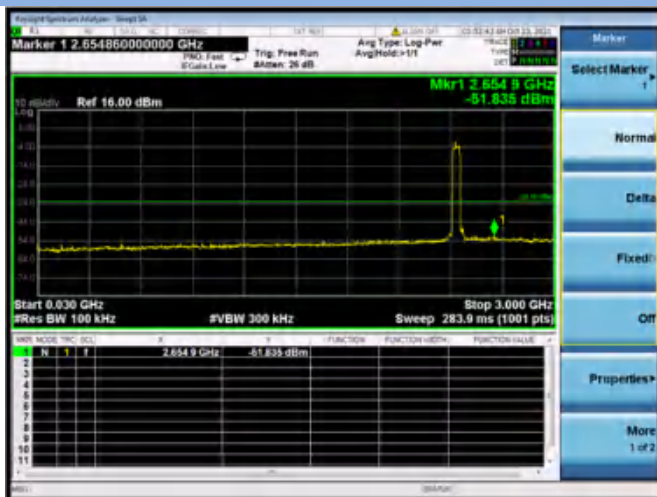

802.11VHT-40 CHANNEL 5 CARRIER LEVEL


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

802.11VHT-40 CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz

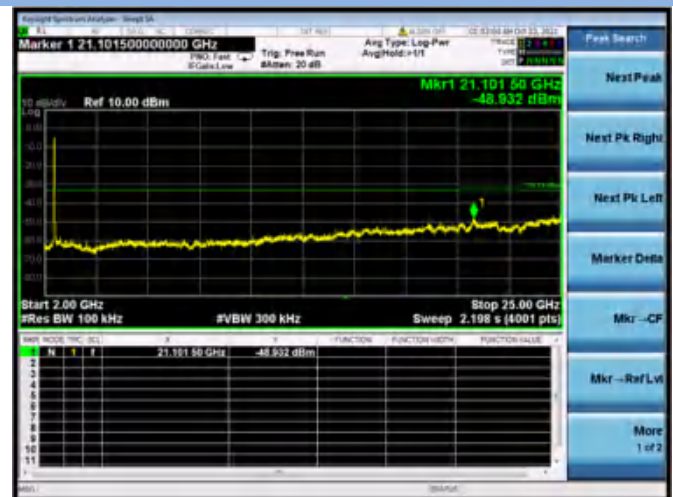

802.11VHT-40 CHANNEL 6 CARRIER LEVEL



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

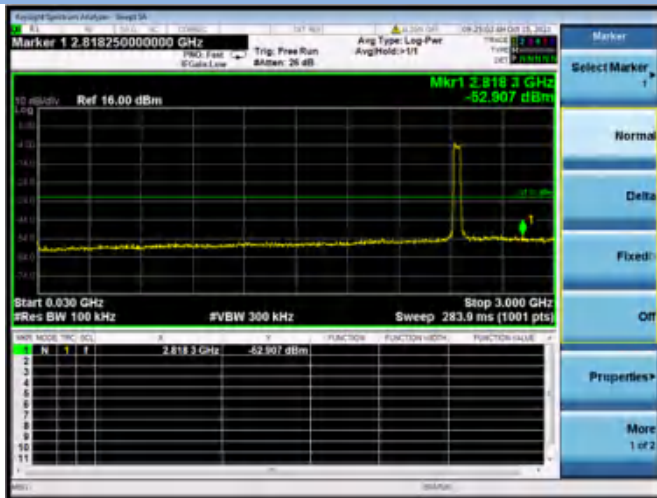


802.11VHT-40 CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz

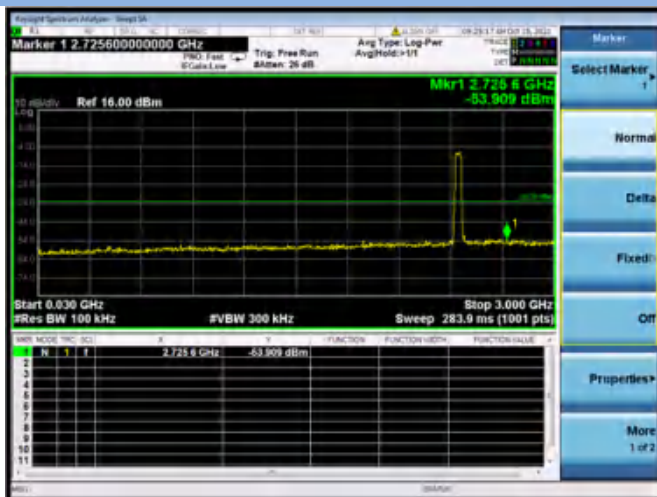


802.11VHT-40 CHANNEL 7 CARRIER LEVEL

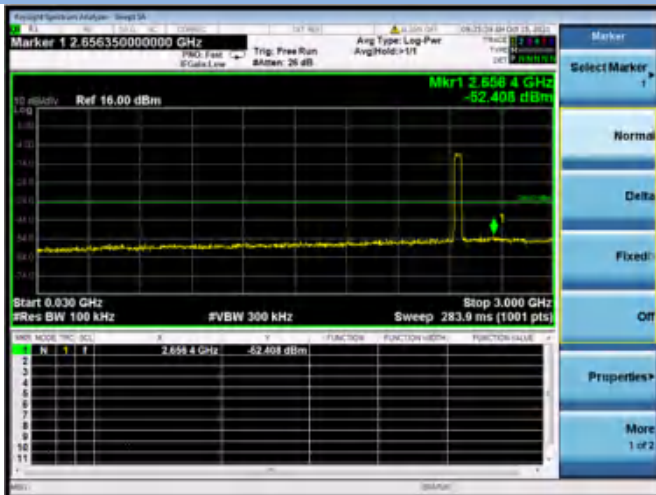


802.11VHT-40 CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-40 CHANNEL 8 CARRIER LEVEL

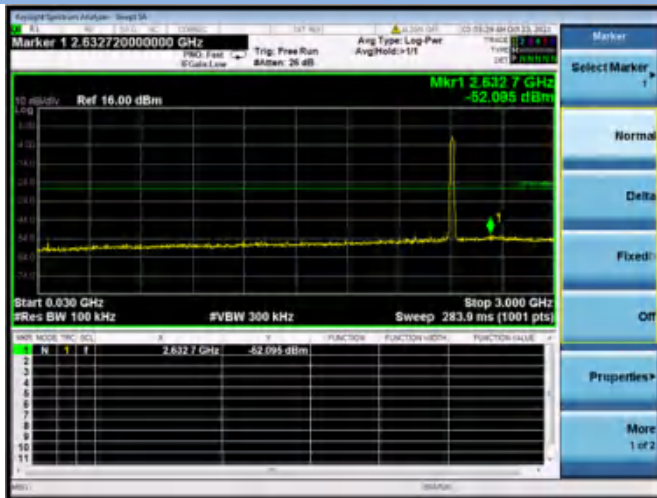

802.11VHT-40 CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


802.11VHT-40 CHANNEL 9 CARRIER LEVEL

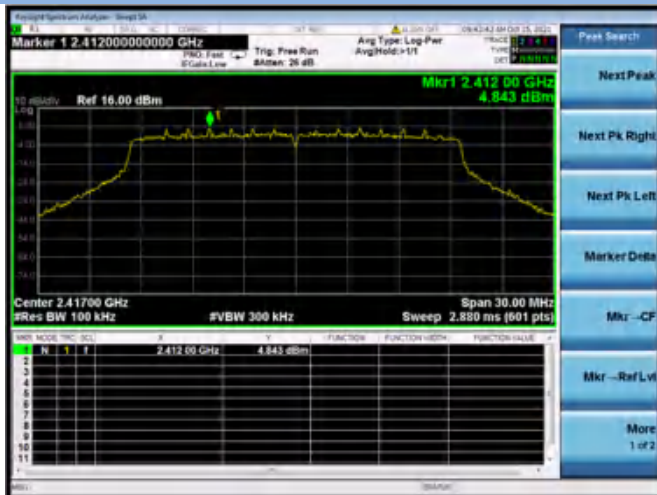

802.11VHT-40 CHANNEL 9, SPURIOUS
30 MHz ~ 3 GHz

802.11VHT-40 CHANNEL 9, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-20(SU) CHANNEL 1 CARRIER LEVEL



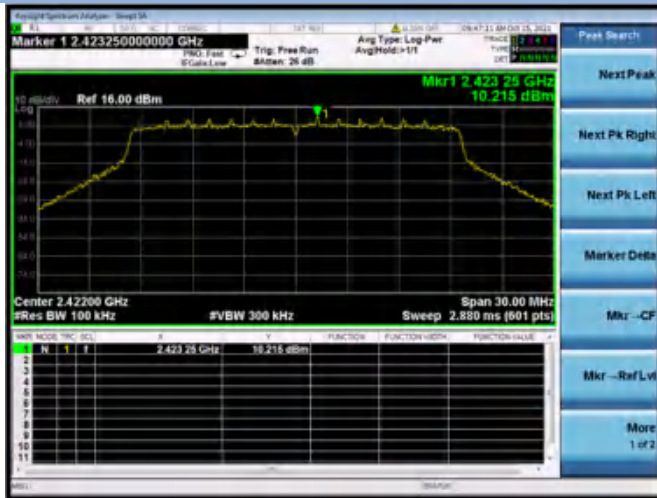
802.11ax-20(SU) CHANNEL 1, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 1, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-20(SU) CHANNEL 2 CARRIER LEVEL

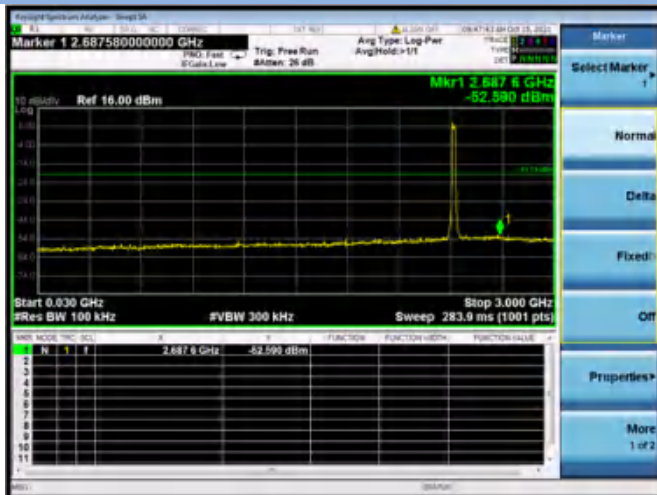

802.11ax-20(SU) CHANNEL 2, SPURIOUS
30 MHz ~ 3 GHz

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

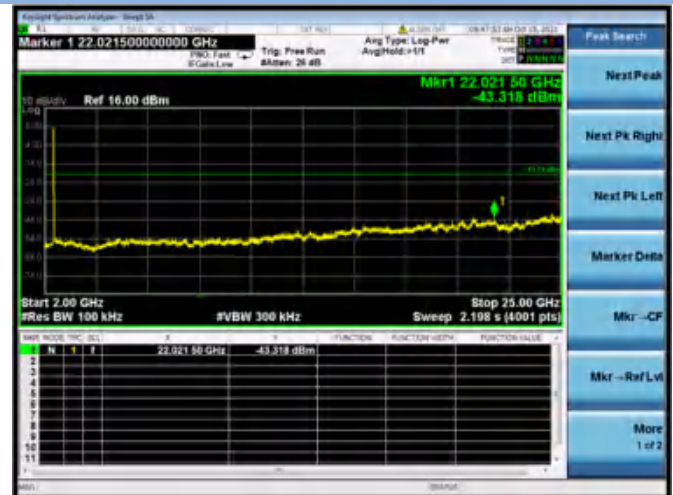

802.11ax-20(SU) CHANNEL 3 CARRIER LEVEL



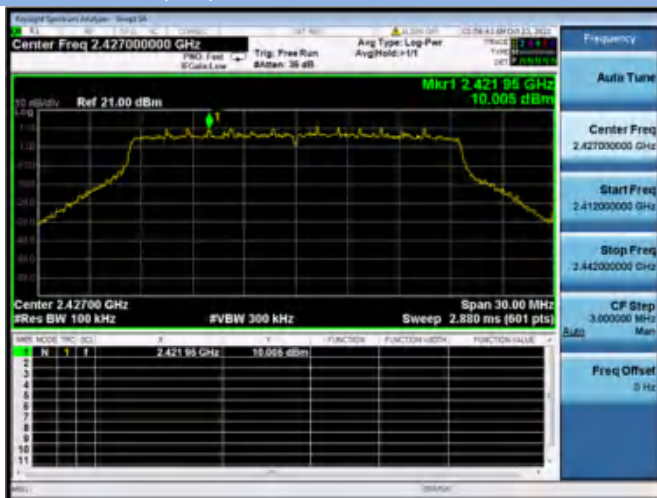
802.11ax-20(SU) CHANNEL 3, SPURIOUS 30 MHz ~ 3 GHz

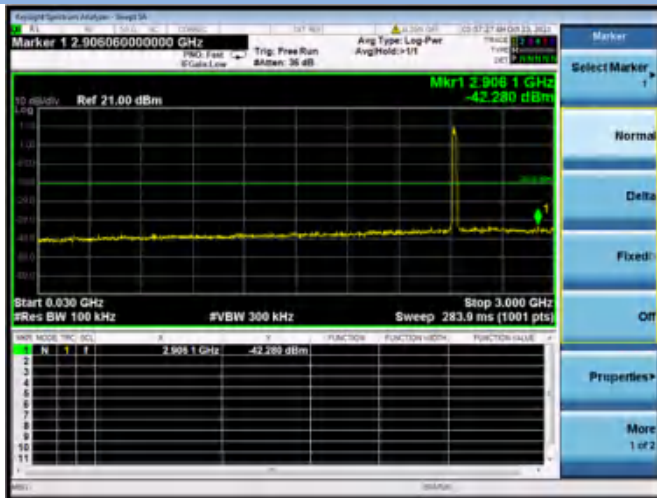


802.11ax-20(SU) CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

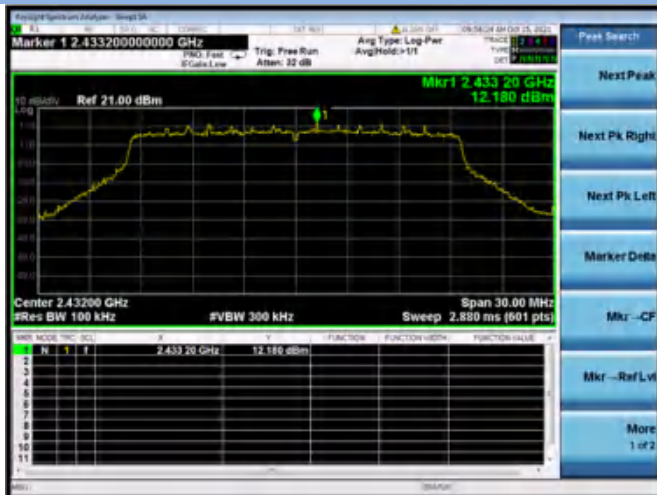
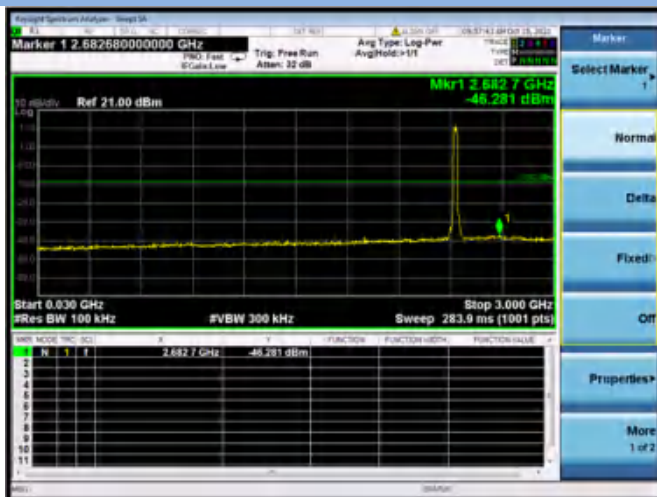


802.11ax-20(SU) CHANNEL 4 CARRIER LEVEL

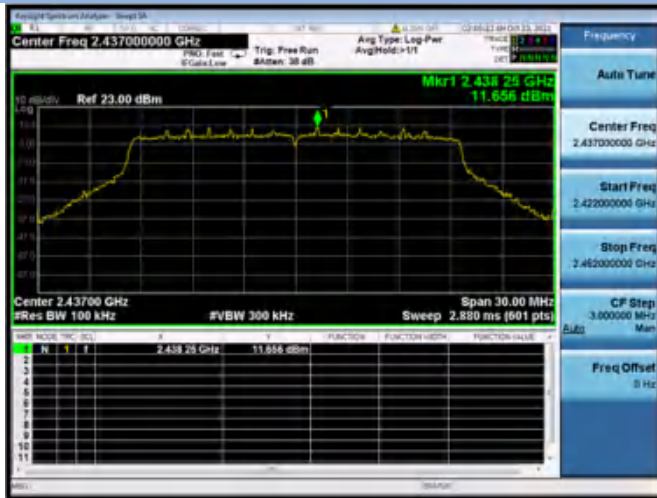


802.11ax-20(SU) CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz

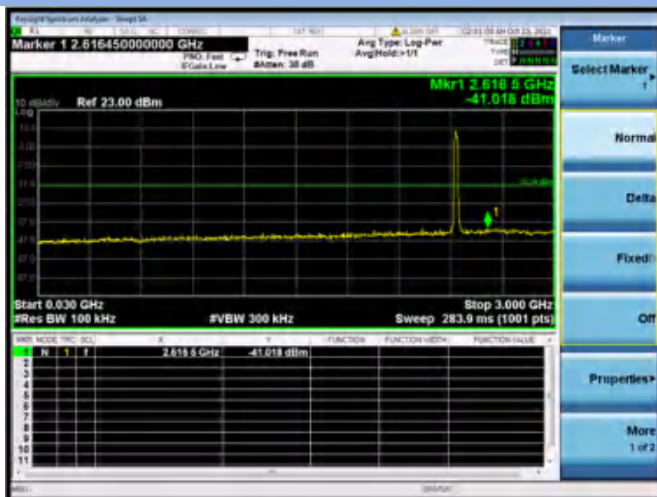

802.11ax-20(SU) CHANNEL 5 CARRIER LEVEL


802.11ax-20(SU) CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz

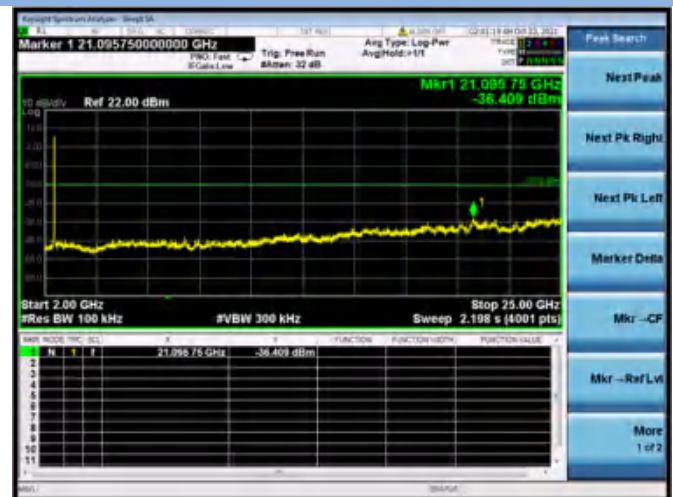

802.11ax-20(SU) CHANNEL 6 CARRIER LEVEL



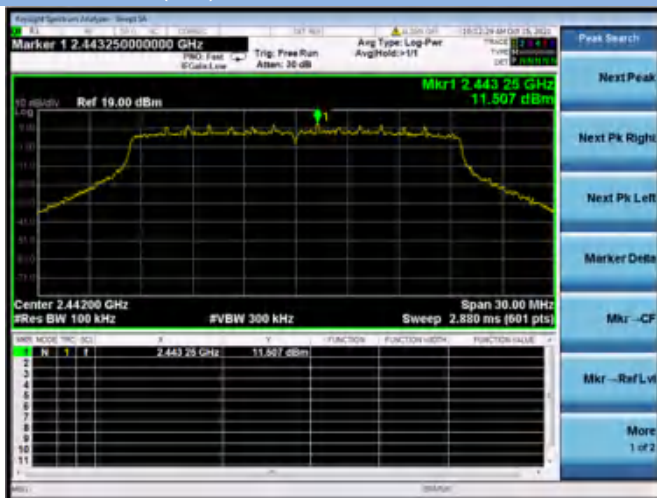
802.11ax-20(SU) CHANNEL 6, SPURIOUS 30 MHz ~ 3 GHz

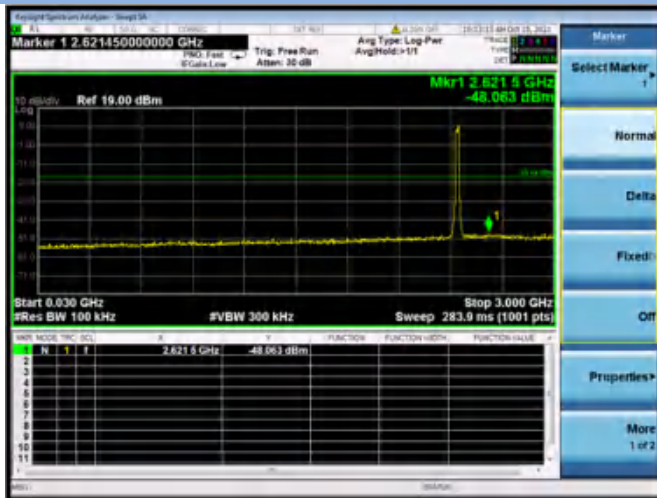


802.11ax-20(SU) CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz

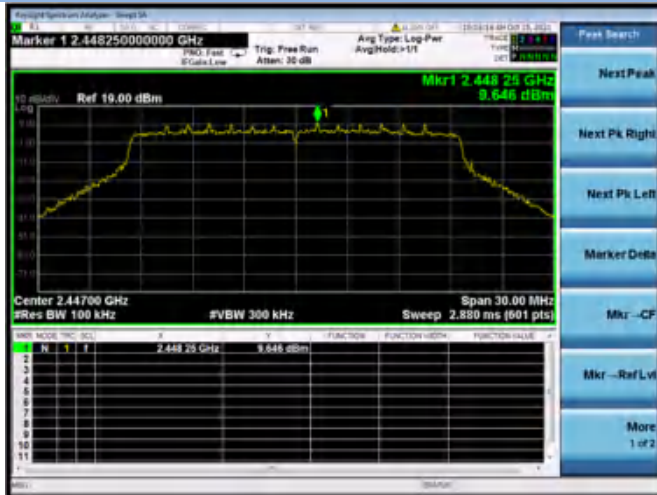
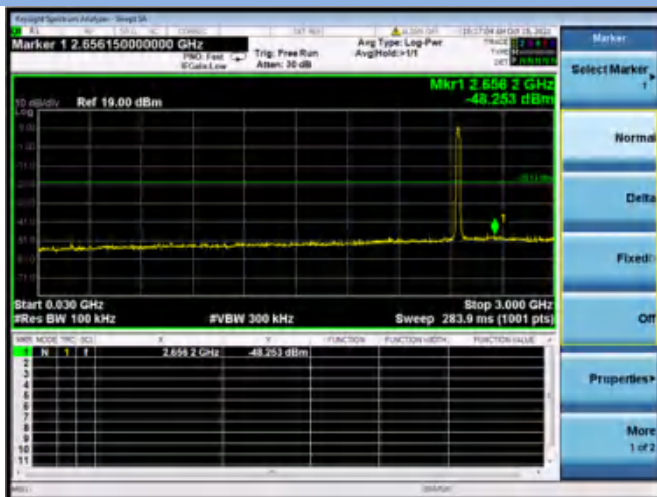


802.11ax-20(SU) CHANNEL 7 CARRIER LEVEL

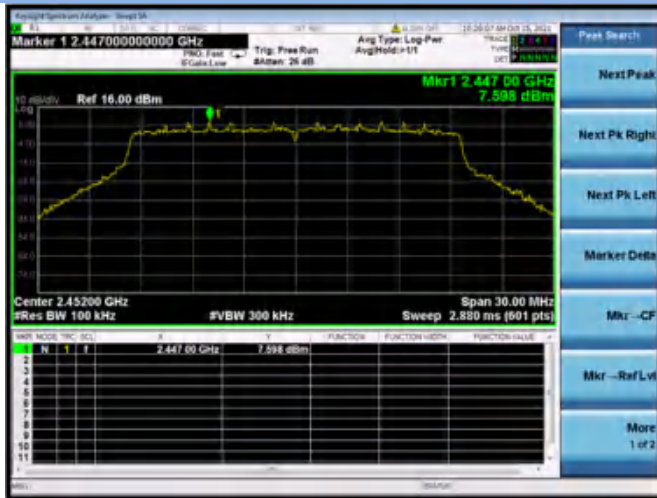


802.11ax-20(SU) CHANNEL 7, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz

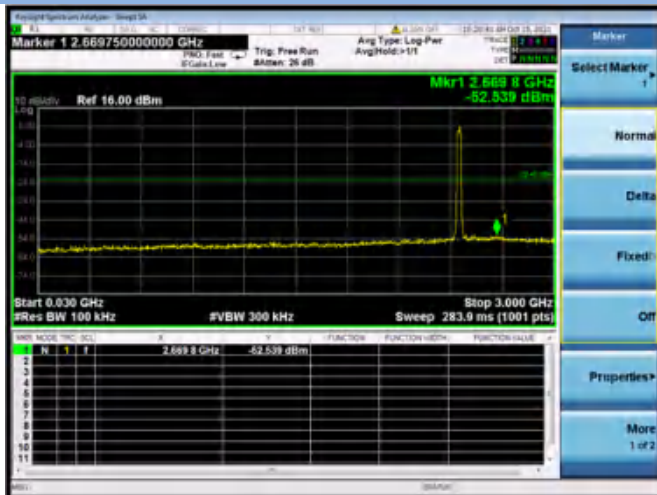

802.11ax-20(SU) CHANNEL 8 CARRIER LEVEL


802.11ax-20(SU) CHANNEL 8, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-20(SU) CHANNEL 9 CARRIER LEVEL



802.11ax-20(SU) CHANNEL 9, SPURIOUS 30 MHz ~ 3 GHz

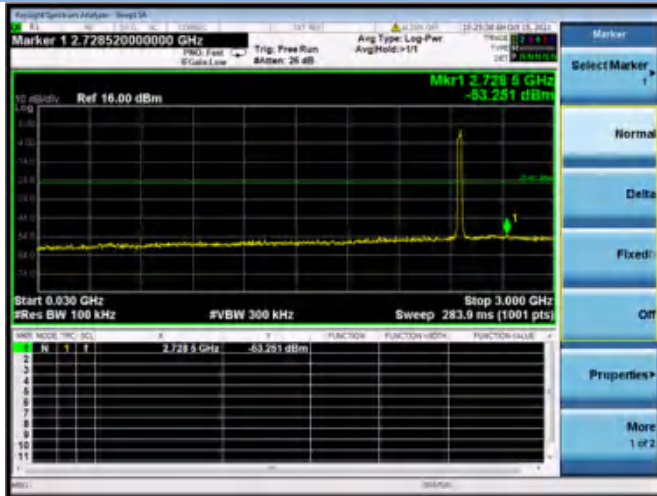


802.11ax-20(SU) CHANNEL 9, SPURIOUS 2 GHz ~ 25 GHz

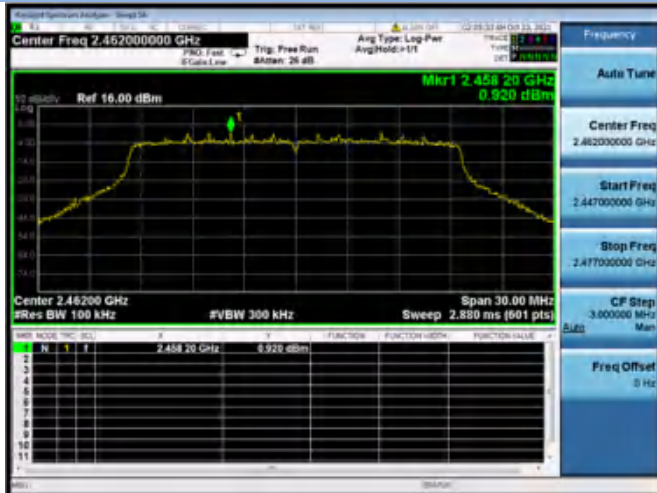
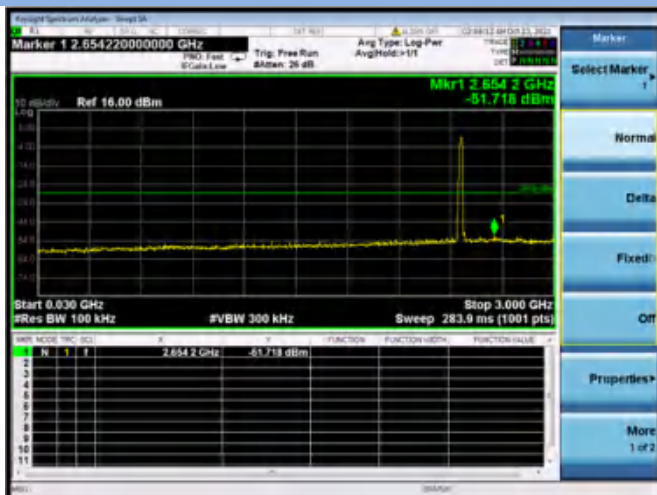


802.11ax-20(SU) CHANNEL 10 CARRIER LEVEL

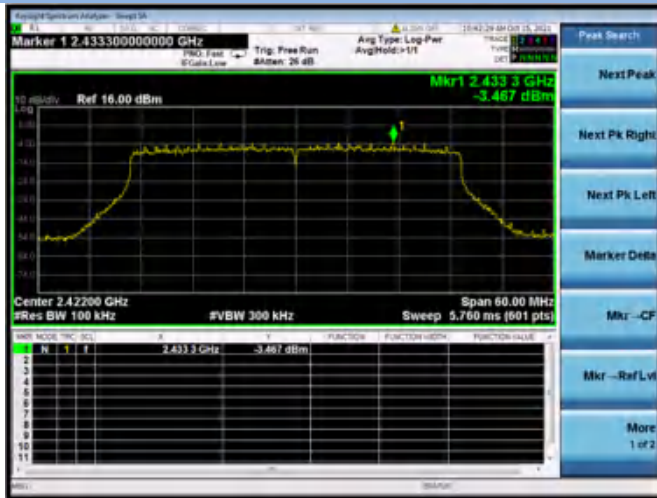


802.11ax-20(SU) CHANNEL 10, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-20(SU) CHANNEL 10, SPURIOUS
2 GHz ~ 25 GHz

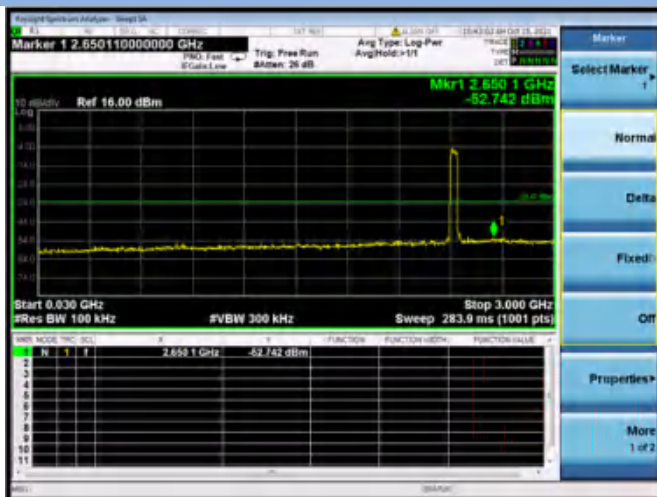

802.11ax-20(SU) CHANNEL 11 CARRIER LEVEL


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

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


802.11ax-40(SU) CHANNEL 3 CARRIER LEVEL



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

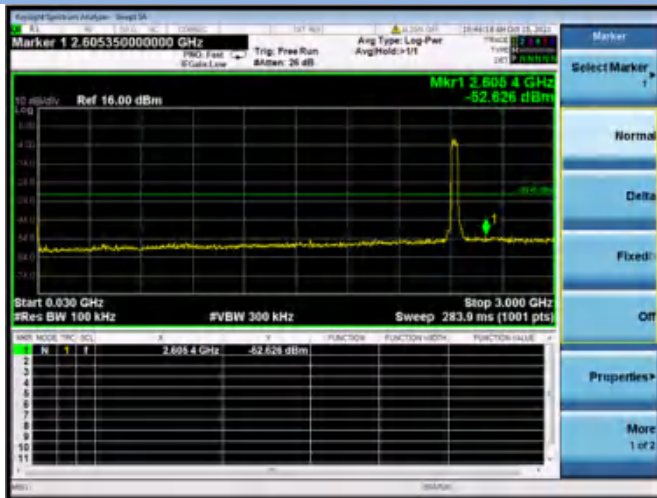


802.11ax-40(SU) CHANNEL 3, SPURIOUS 2 GHz ~ 25 GHz

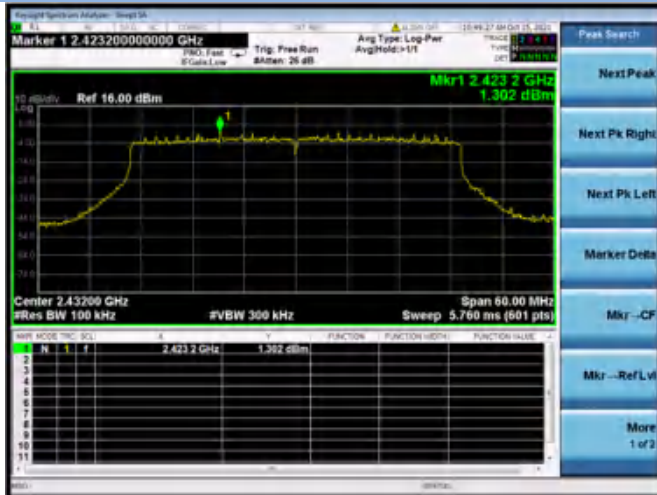
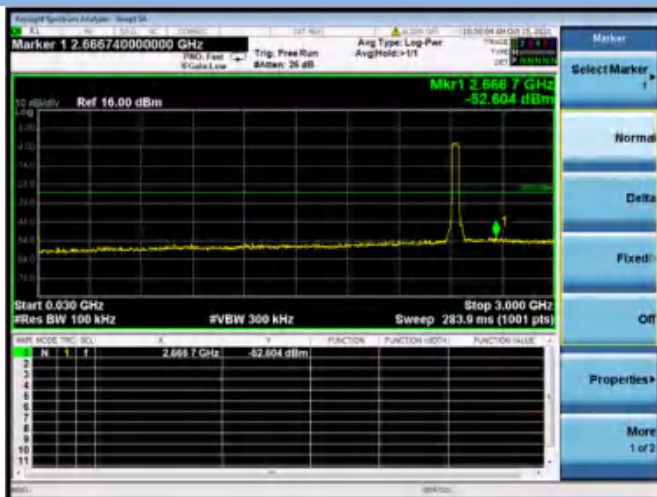


802.11ax-40(SU) CHANNEL 4 CARRIER LEVEL

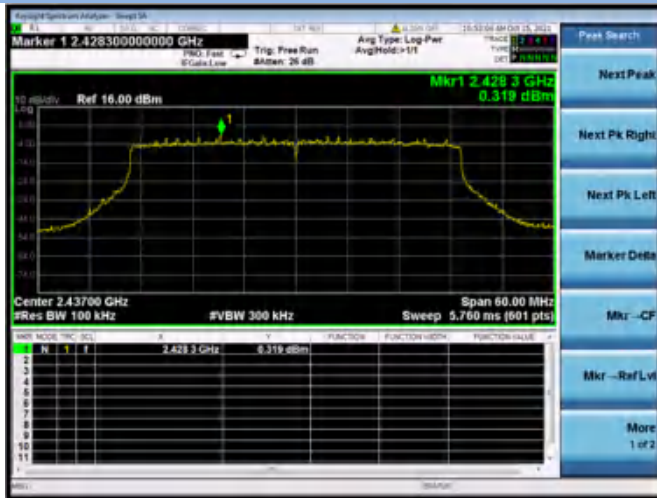


802.11ax-40(SU) CHANNEL 4, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 4, SPURIOUS
2 GHz ~ 25 GHz

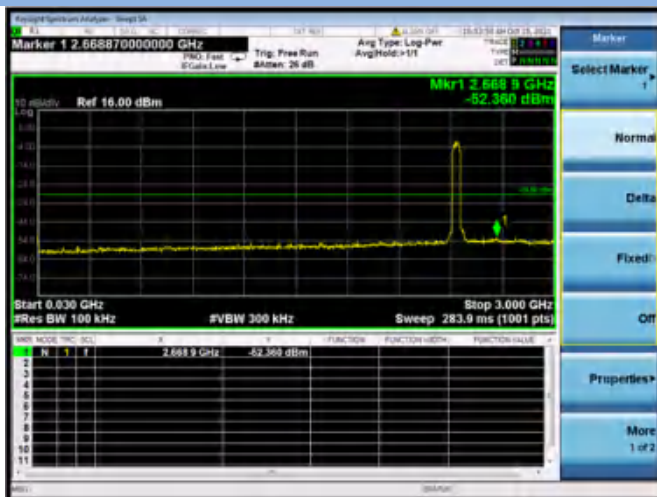

802.11ax-40(SU) CHANNEL 5 CARRIER LEVEL


802.11ax-40(SU) CHANNEL 5, SPURIOUS
30 MHz ~ 3 GHz

802.11ax-40(SU) CHANNEL 5, SPURIOUS
2 GHz ~ 25 GHz


802.11ax-40(SU) CHANNEL 6 CARRIER LEVEL



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



802.11ax-40(SU) CHANNEL 6, SPURIOUS 2 GHz ~ 25 GHz



802.11ax-40(SU) CHANNEL 7 CARRIER LEVEL



802.11ax-40(SU) CHANNEL 7, SPURIOUS
2 GHz ~ 25 GHz



802.11ax-40(SU) CHANNEL 8, SPURIOUS
2 GHz ~ 25 GHz



The screenshot shows a Spectrum Analyzer interface. The main display is a frequency plot with a yellow trace showing a signal. A green marker is placed at the peak of the signal. The plot is labeled with 'Ref 16.00 dBm' and 'Mkr1 2.447 0 GHz -5.087 dBm'. The plot shows a signal centered at 2.447 GHz with a span of 60.0 MHz. The plot is labeled with 'Center 2.45200 GHz', 'Span 60.0 MHz', 'Sweep 5.760 ms (800 pts)', and '#VBW 300 kHz'. The plot is also labeled with 'Marker 1 2.447000000000 GHz', 'FREQ: Fast', 'Trig: Free Run', 'AvgType: Log-Pwr', 'AvgHold: >1T', and 'PWR: Low'. The plot is also labeled with '10 dBm' and '10.000 GHz'. The plot is also labeled with 'Peak Search', 'Next Peak', 'Next Pk Right', 'Next Pk Left', 'Marker Data', 'Mkr--CF', 'Mkr--RefLvl', and 'More 1 of 2'.

MARK	MODE	FREQ (GHz)	AMPL (dBm)	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	2.447 0 GHz	-5.087 dBm			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						

Received Spectrum Analyzer - Sweep 5A

1 2.5747 GHz 100 kHz 101 dBm

Marker 1 2.574710000000 GHz

PRB: Fine

Trig: Free Run

Avg Type: Log-Pwr

Avg Hold: >11

11-04-03 04:09:13, 2010

Trace 1 2.5747 GHz

Type 2 Auto

101

Marker 1 2.5747 GHz

-52.380 dBm

Ref: 16.00 dBm

Start 0.030 GHz

Stop 3.000 GHz

Res BW 100 kHz

#VBW 300 kHz

Sweep 283.9 ms (1001 pts)

WRR MODE TRIG SC

2.5747 GHz -52.380 dBm

FUNCTION VALUE

	N	F
1	N	F
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Marker

Select Marker

Normal

Delta

Fixed

Off

Properties

More

1 of 2

Copyright Spectrum Analyser - Sweep 5A

Marker 1 21.141750000000 GHz

180. Fast Trig: Free Run 20.00 dB

Avg Type: Log-Pwr AvgHold: 1/1

12:08:11 AM Oct 18, 2012

Trace 1 0.0 dBm

Y-axis: dBm

Peak Search

Next Peak

Next PK Right

Next PK Left

Marker Data

Mkr - CF

Mkr - Ref Lvl

More 1 of 2

Start 2.00 GHz Stop 25.00 GHz

#Res BW 100 kHz #VBW 300 kHz Sweep 2.198 s (4001 pts)

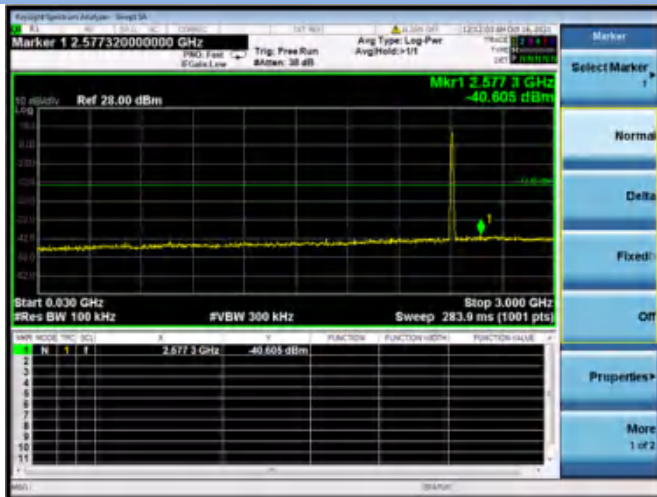
MNR	MODE	FREQ	SC	dB	FUNCTION	FUNCTION VALUE	FUNCTION VALUE
1	N	1	f	21.14175 GHz	-43.641 dBm		
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

MIMO-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

