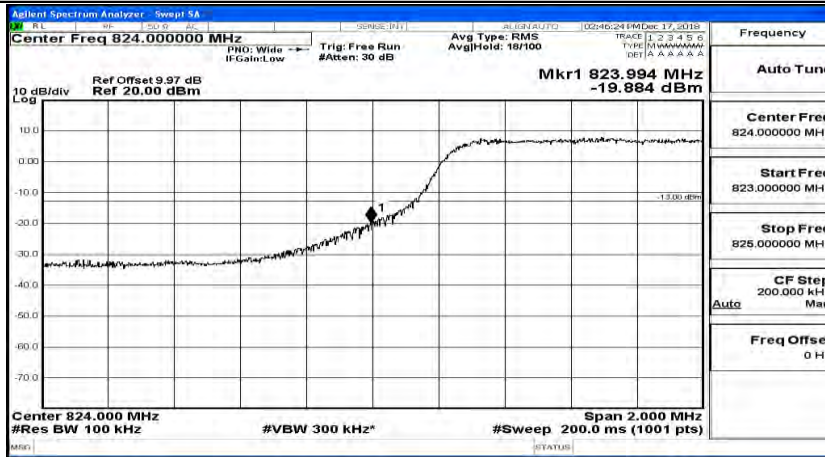
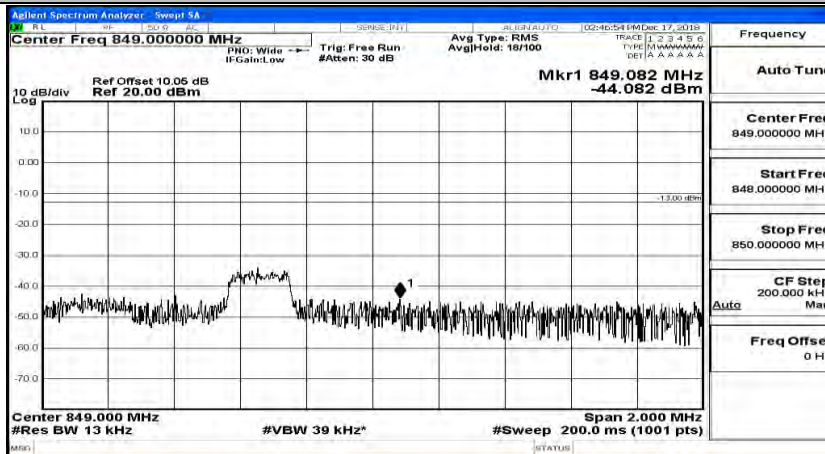


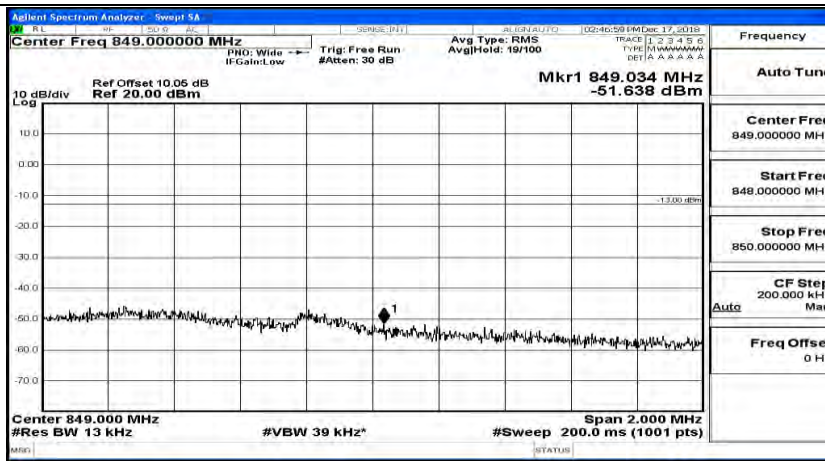
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



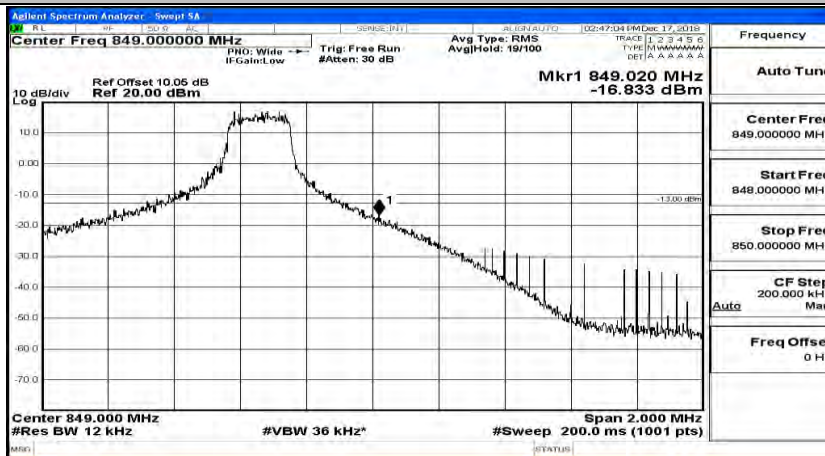
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



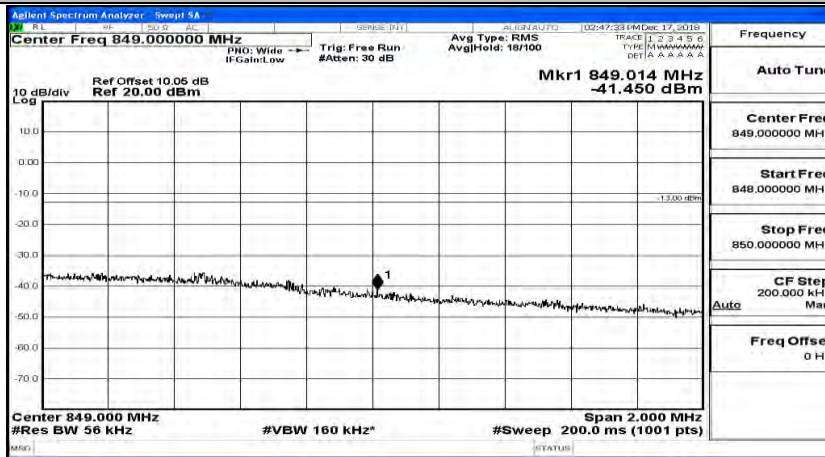
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



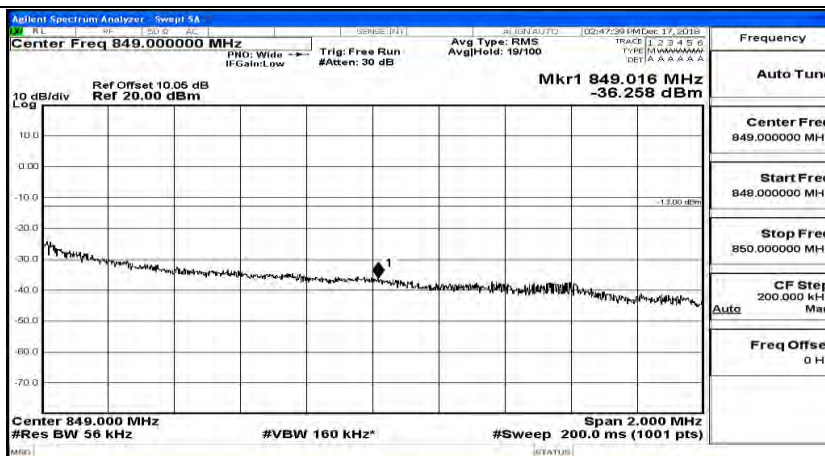
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24



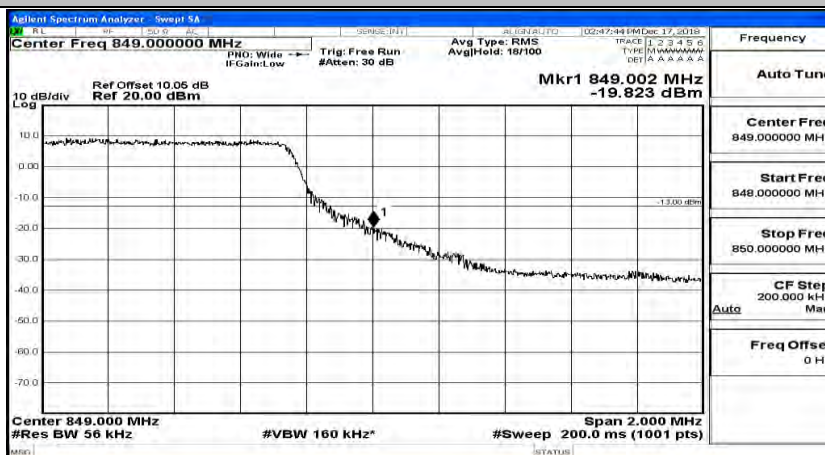
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#0



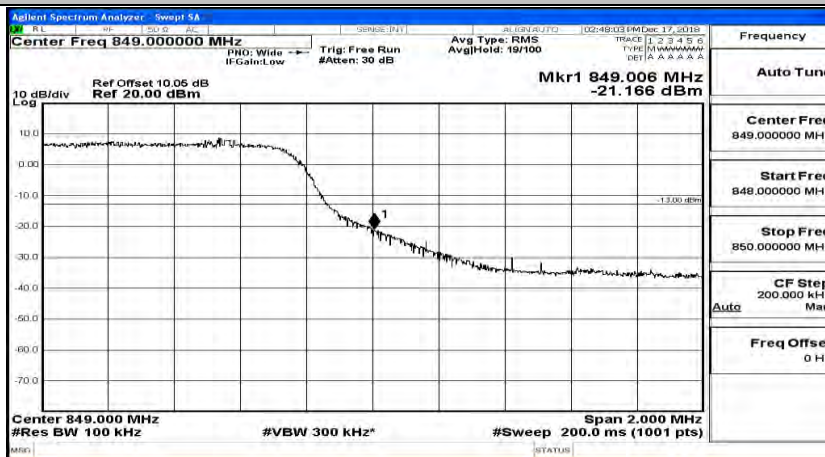
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#6



(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_12RB#13

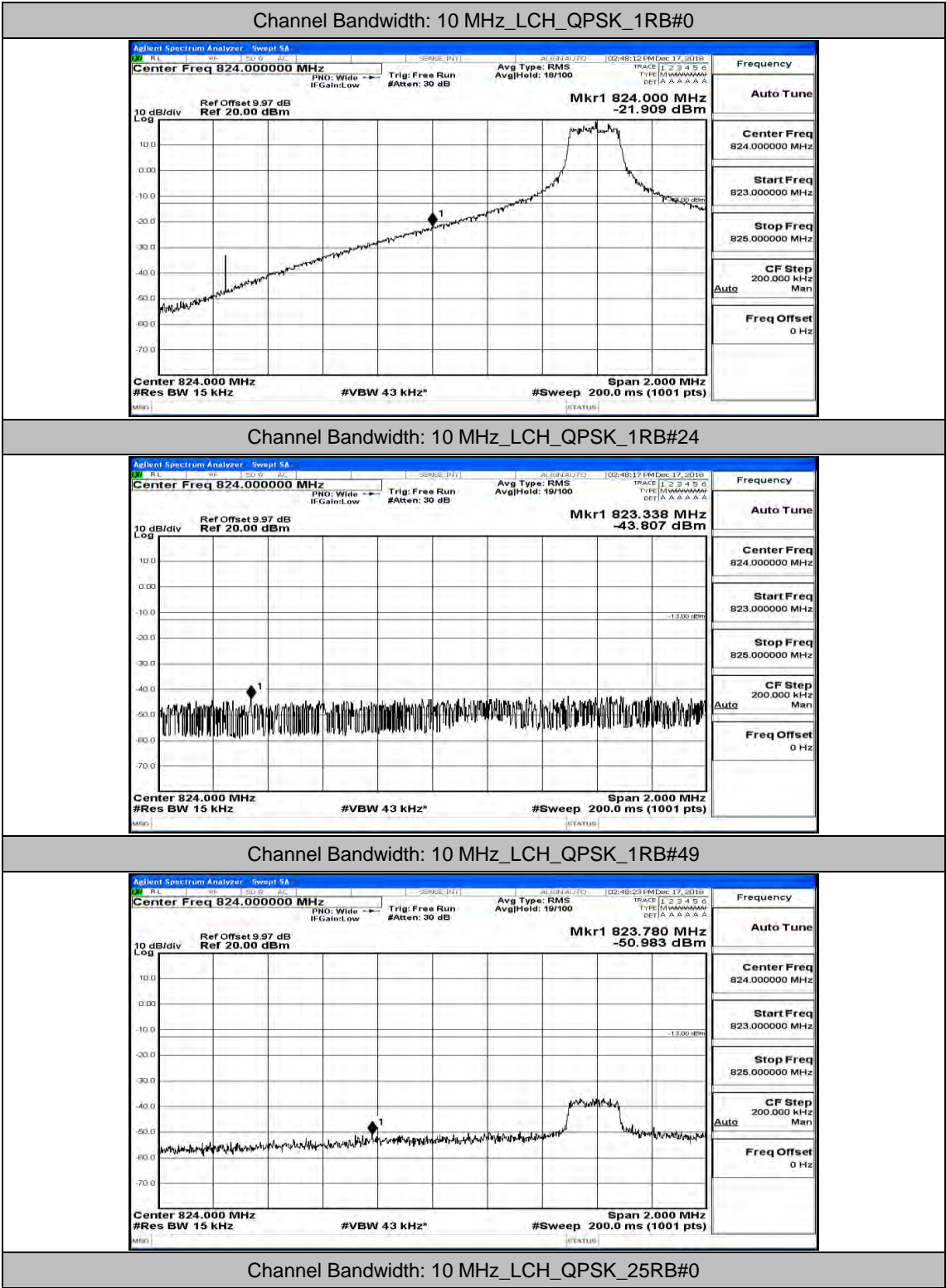


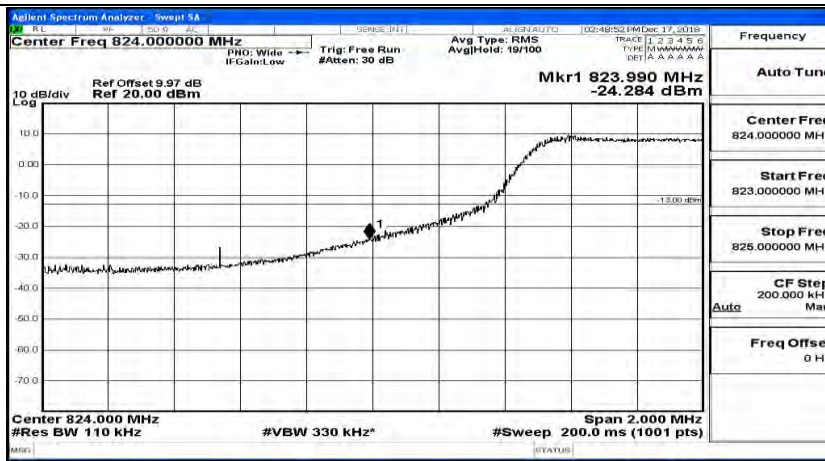
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



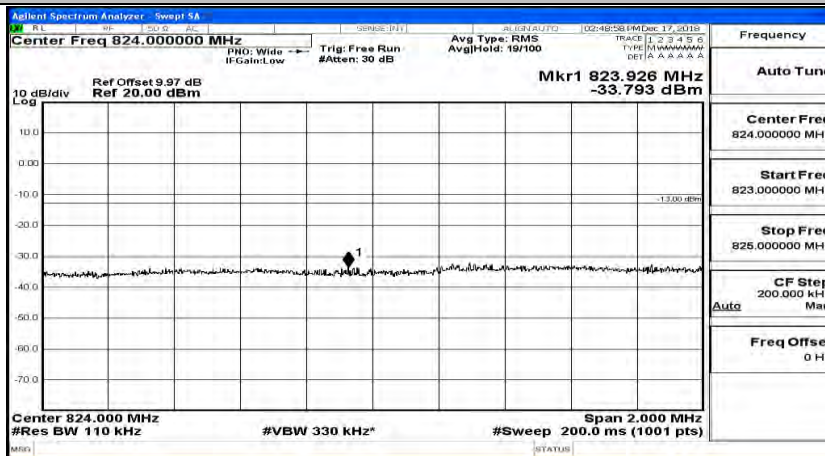


Channel Bandwidth: 10 MHz

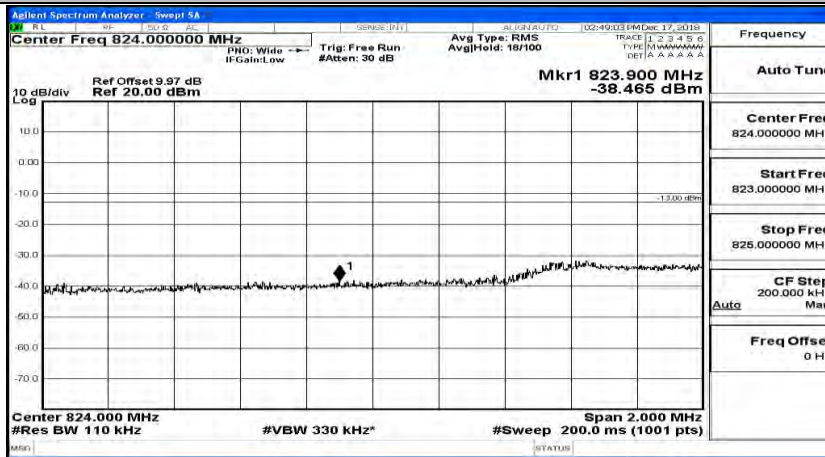




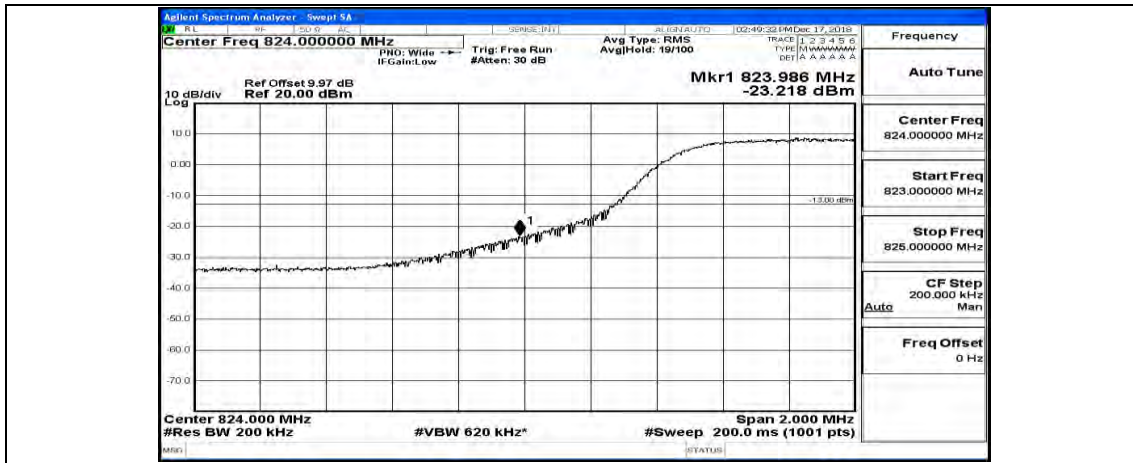
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#12



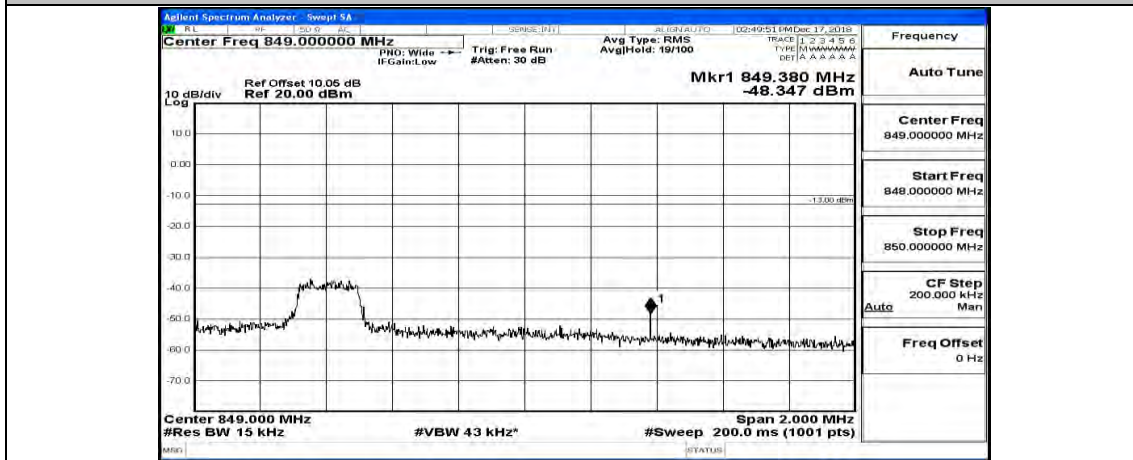
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_25RB#25



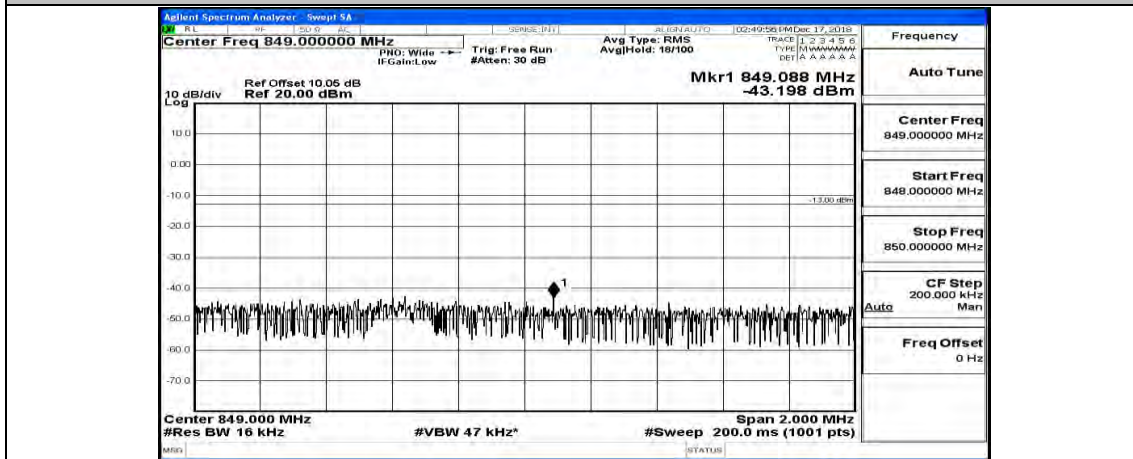
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0

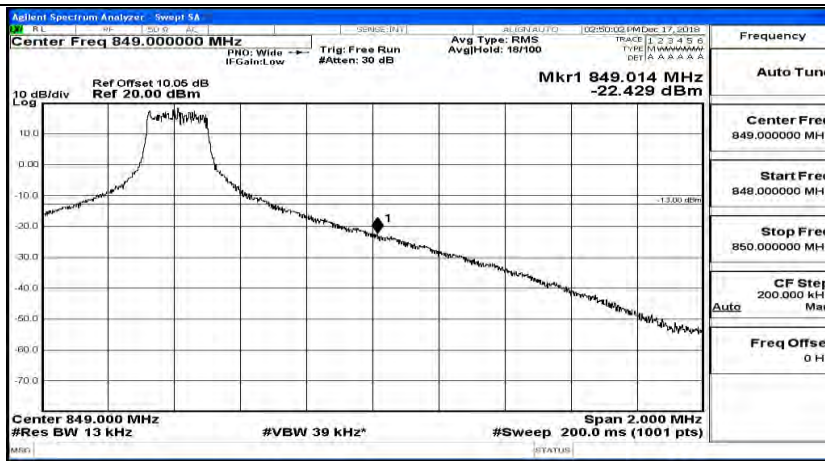


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24

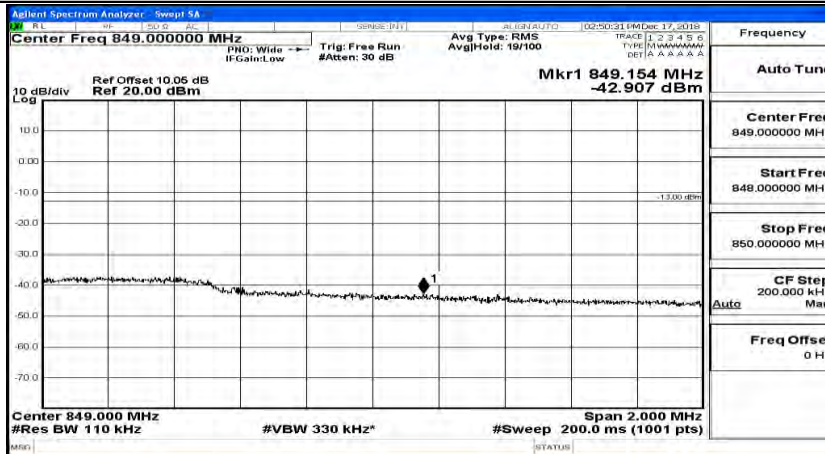


Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49

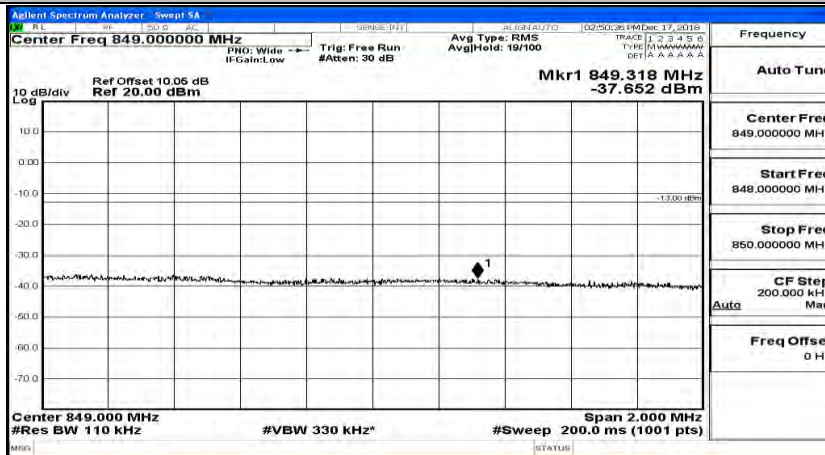




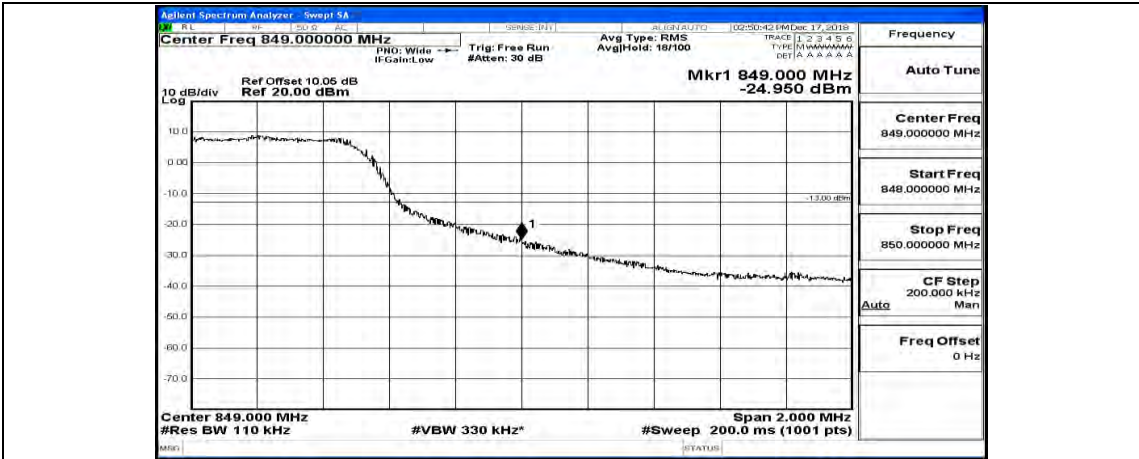
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#0



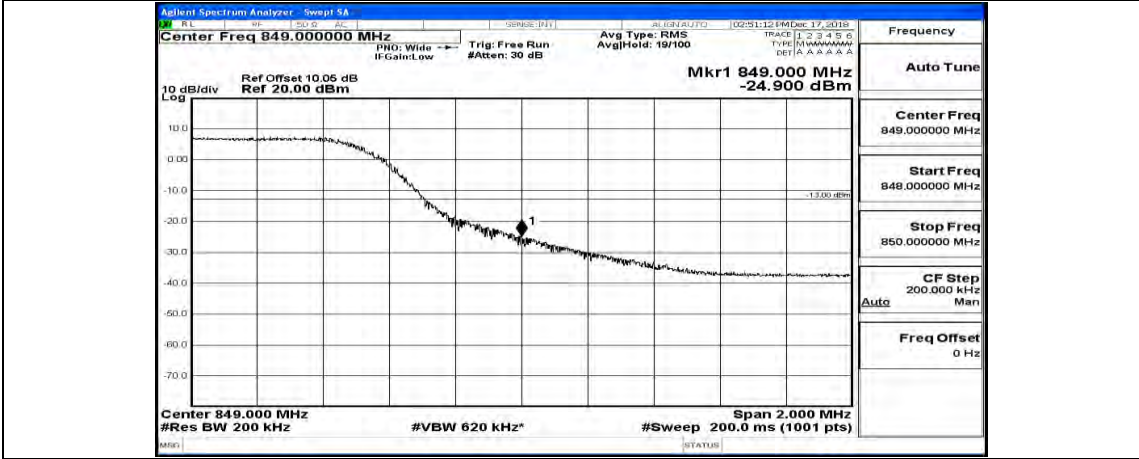
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#12



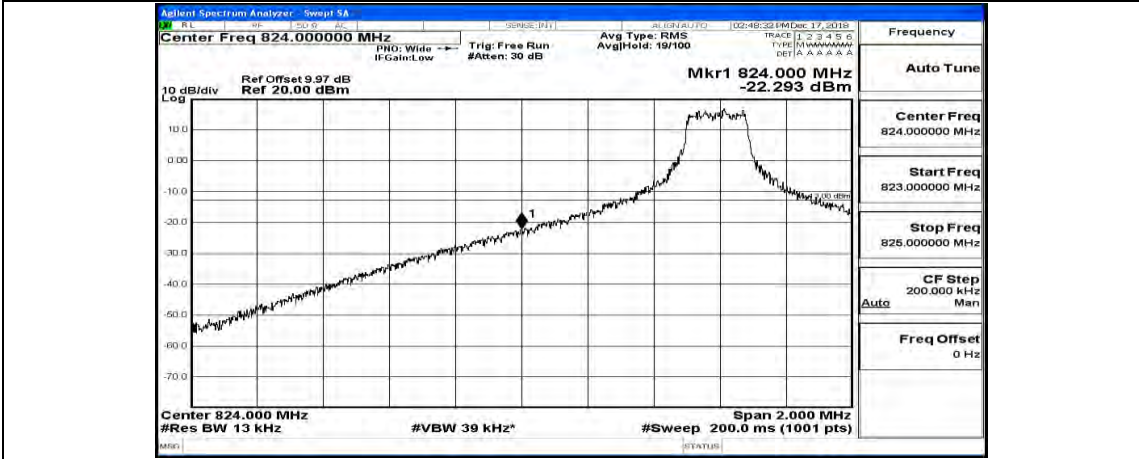
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_25RB#25



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0

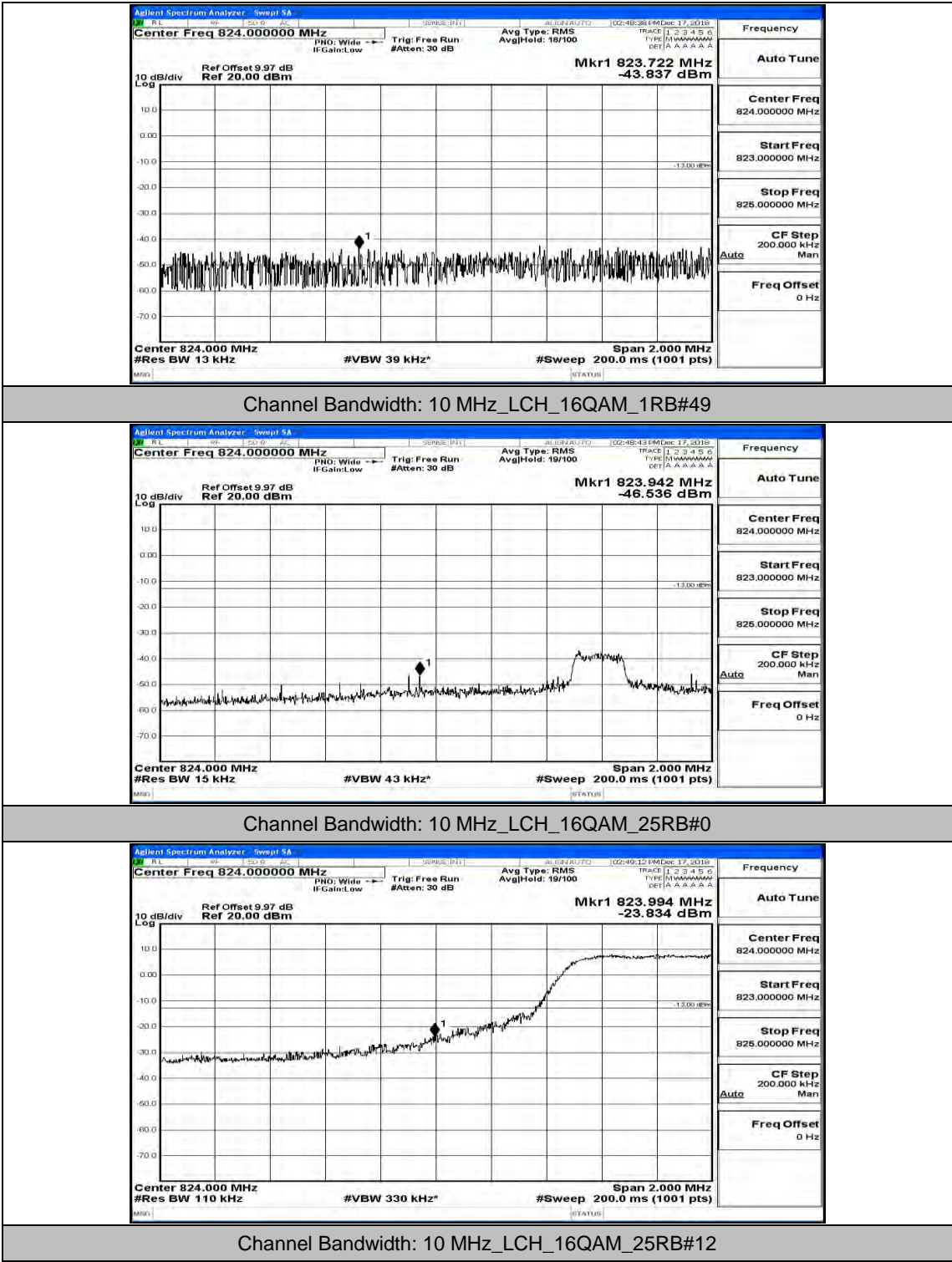


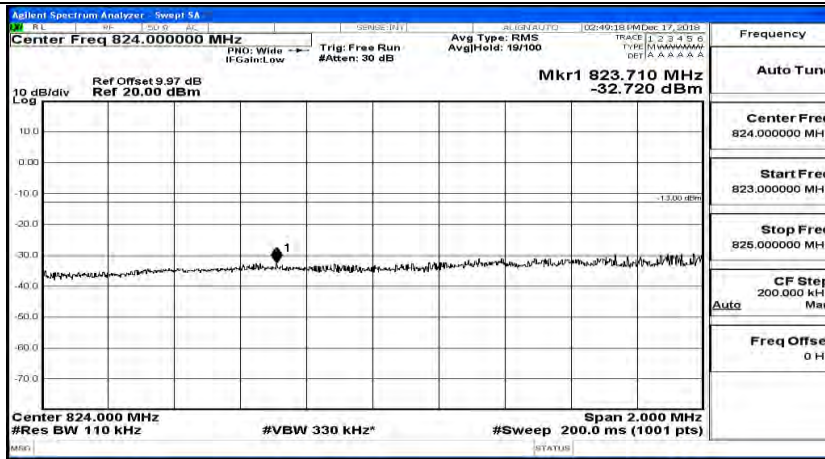
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



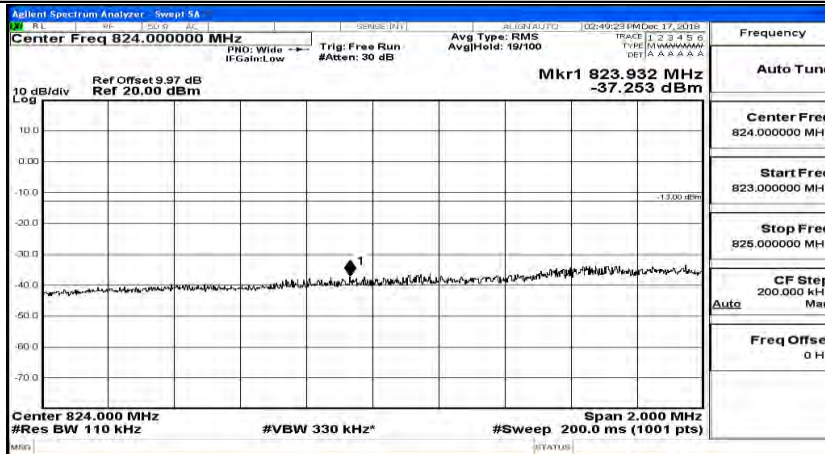
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24



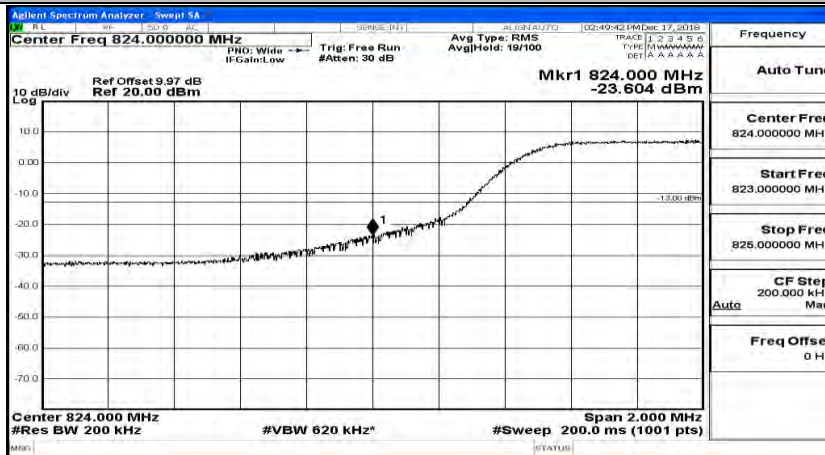




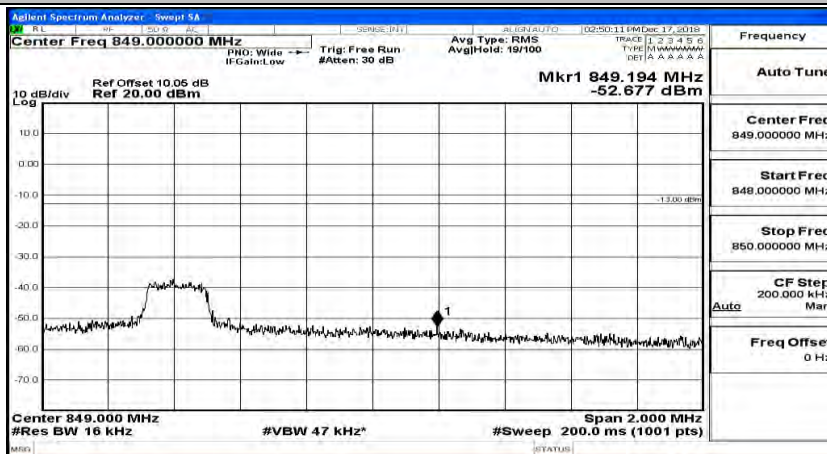
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_25RB#25



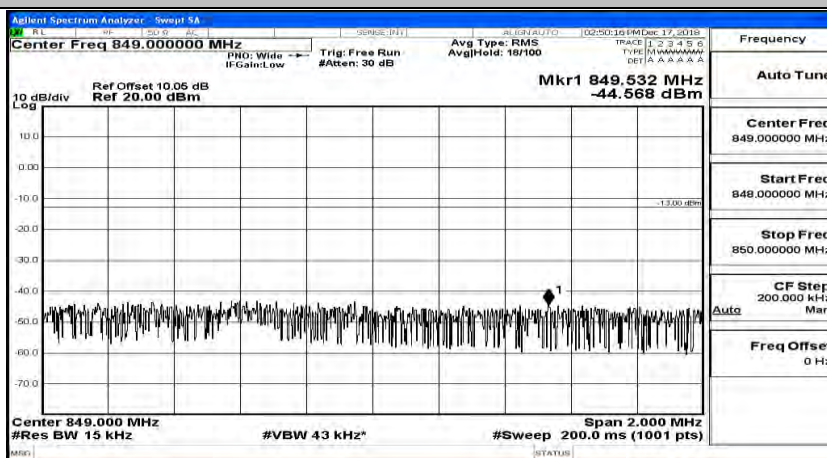
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



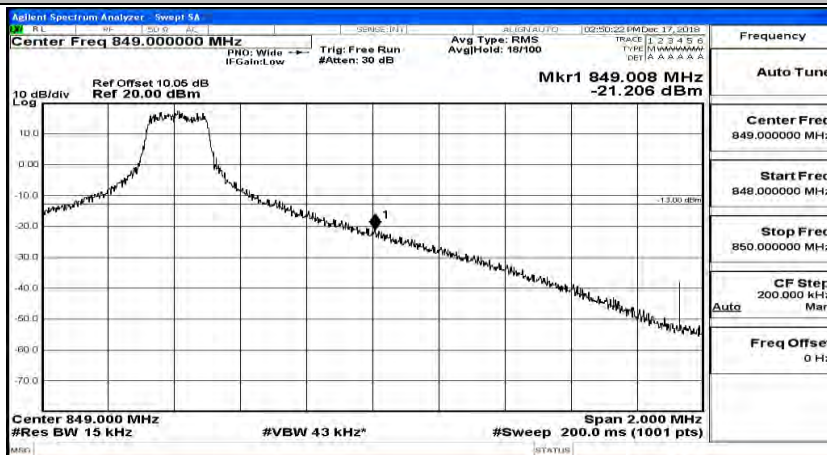
## Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



## Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24

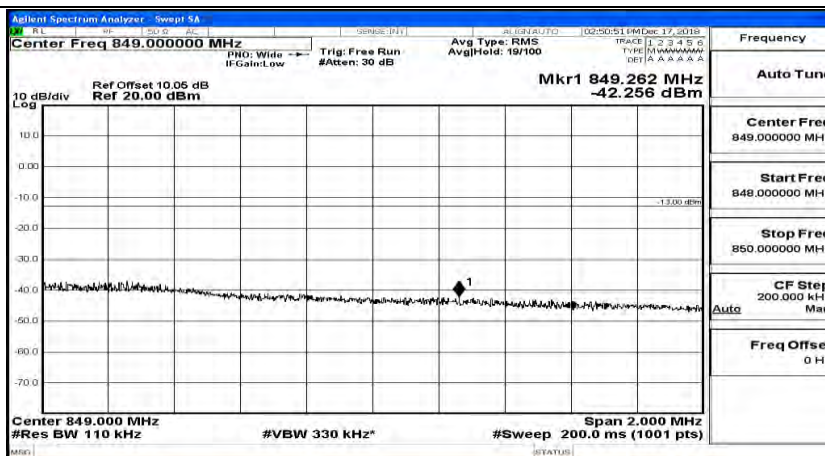


## Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49

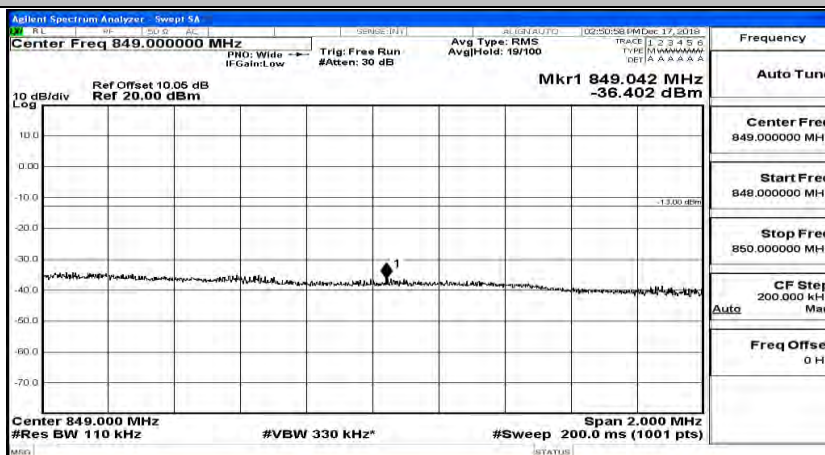


## Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#0

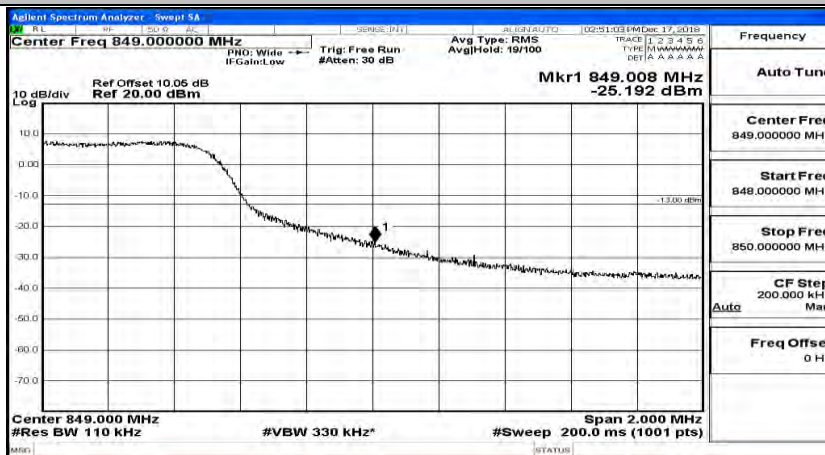




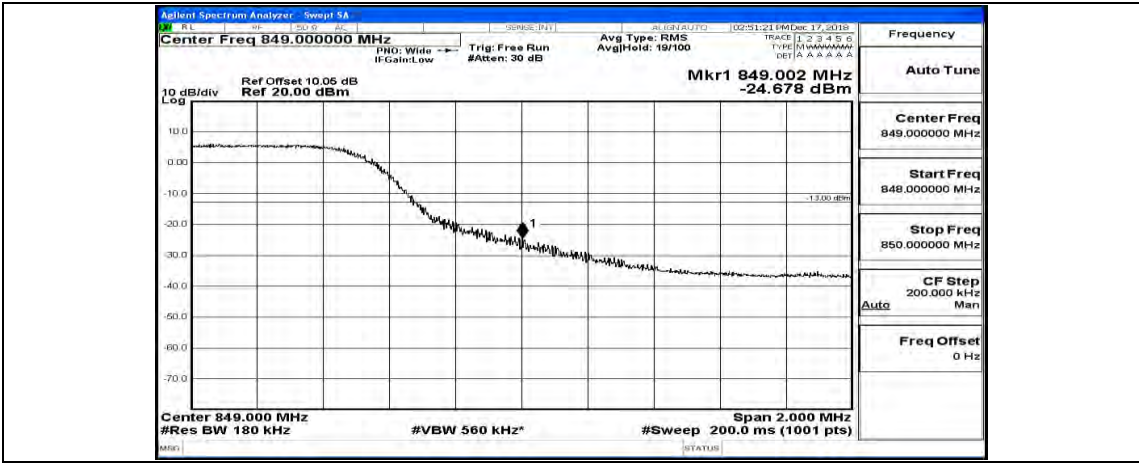
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#12



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_25RB#25



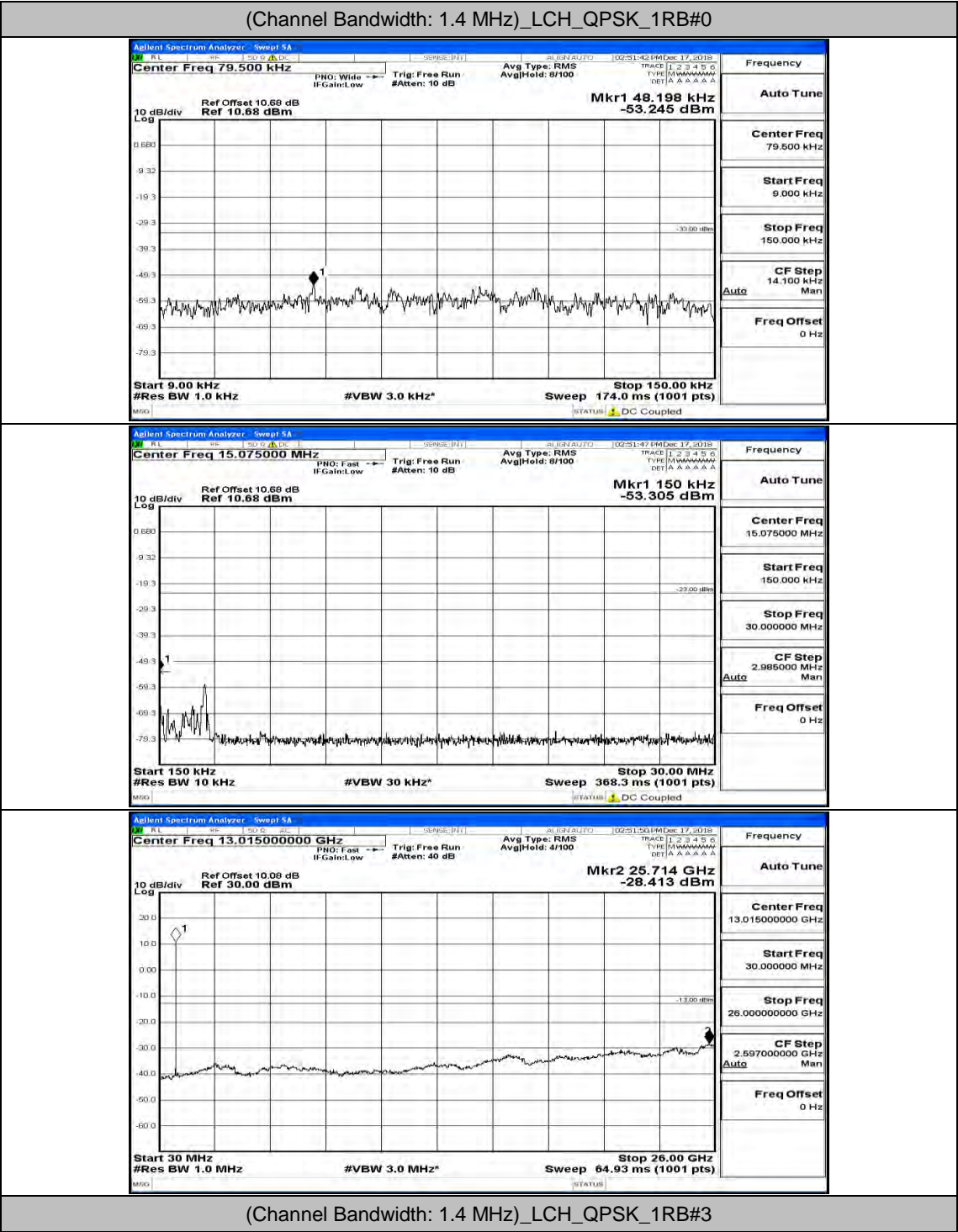
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0



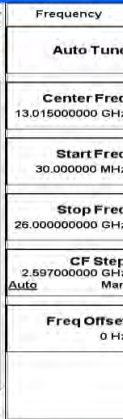
E.5 Conducted Spurious Emission

Test Graphs

Channel Bandwidth: 1.4 MHz







Agilent Spectrum Analyzer - Sweet SA

AL Low 100 Hz 100 kHz 10 MHz 100 MHz 1 GHz 10 GHz 100 GHz 1 THz

Center Freq 79.500 kHz

PRF: Wide → IF Gain: Low

Trig: Free Run #Atten: 10 dB

Avg Type: RMS Avg/Hold: 5/100

00255-06144 Dec 17, 2019

TRACE 1 2 3 4 5 6

TYPE AAAAAA

DET A A A A A A

Frequency

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.000 kHz

Stop Freq 150.000 kHz

CF Step 14.100 kHz

Auto Man

Freq Offset 0 Hz

10 dB/div Log

Ref Offset 10.68 dB

Ref 10.68 dBm

Mkr1 59.478 kHz -53.646 dBm

-33.00 dBm

1

Start 9.00 kHz

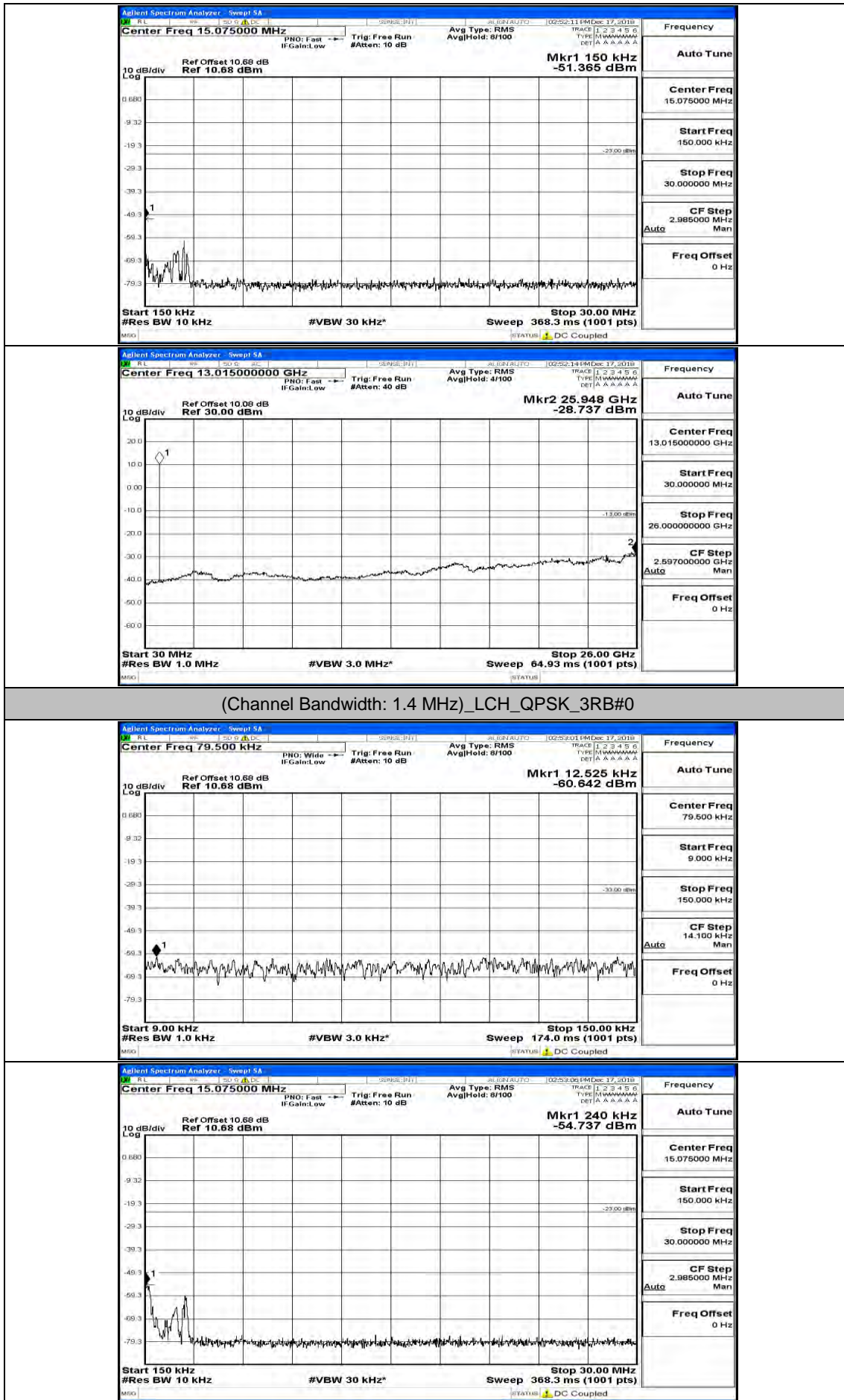
#Res BW 1.0 kHz

#VBW 3.0 kHz\*

Sweep 174.0 ms (1001 pts)

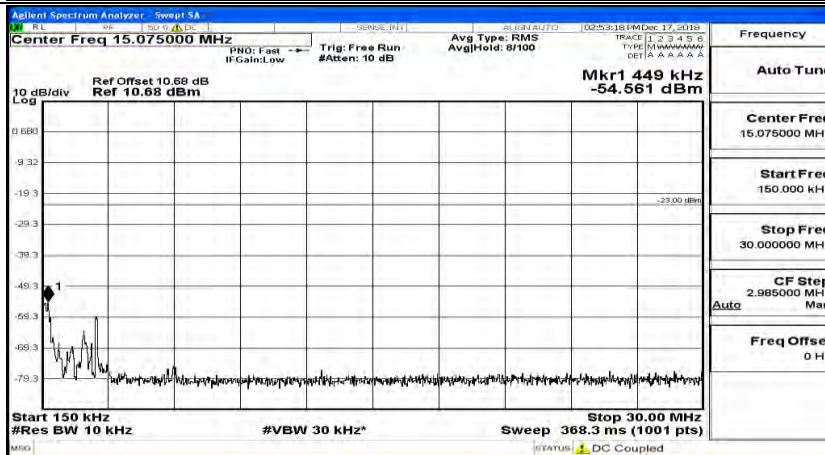
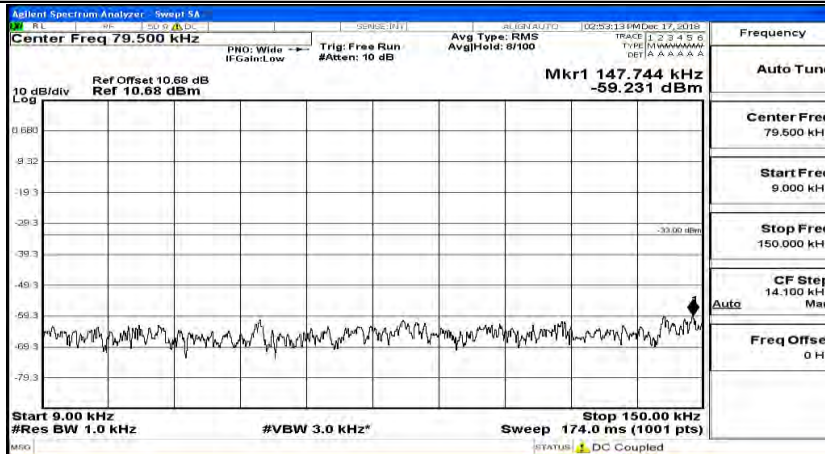
Stop 150.00 kHz

STATUS: DC Coupled



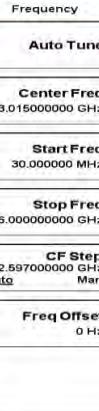


(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#2



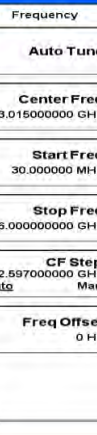
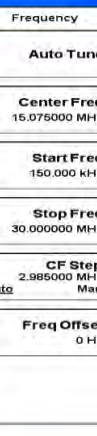
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_3RB#3



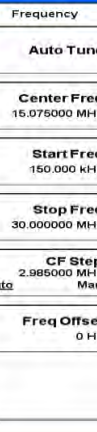


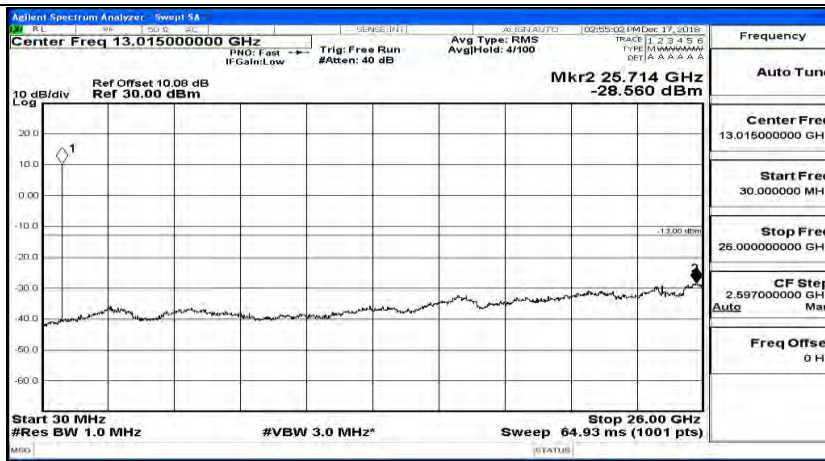
(Channel Bandwidth: 1.4 MHz)\_LCH\_QPSK\_6RB#0



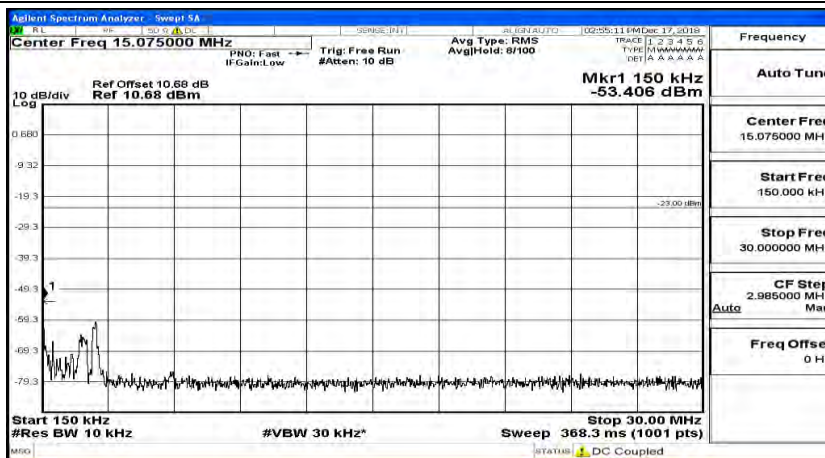
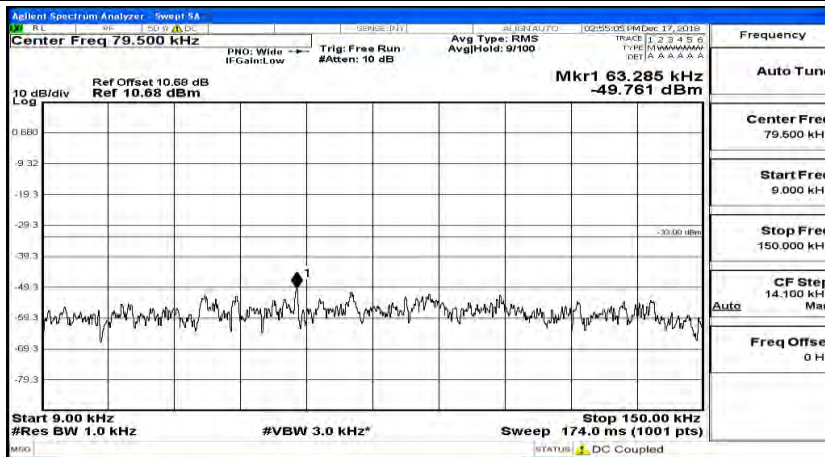


Frequency
<b>Auto Tune</b>
<b>Center Frequency</b> 79.500 kHz
<b>Start Frequency</b> 9.000 kHz
<b>Stop Frequency</b> 150.000 kHz
<b>CF Step</b> 14.100 kHz Main
<b>Freq Offset</b> 0 Hz



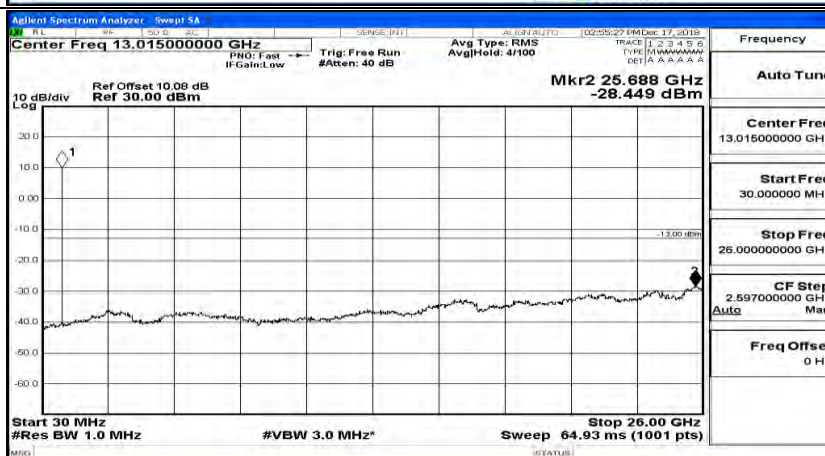
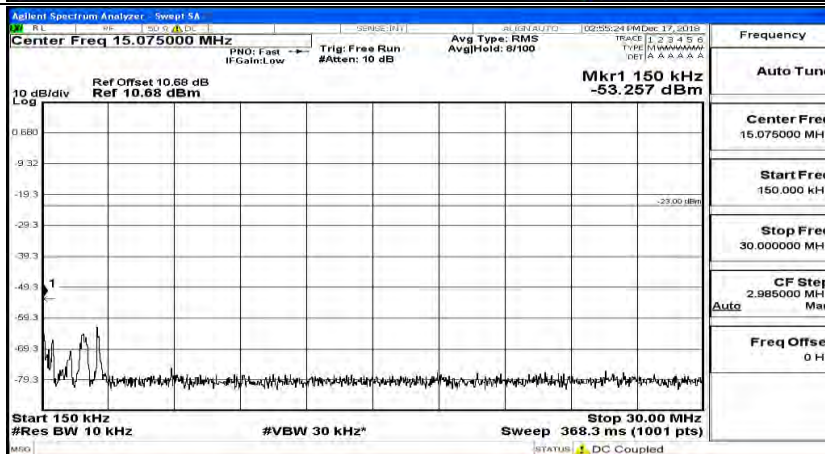
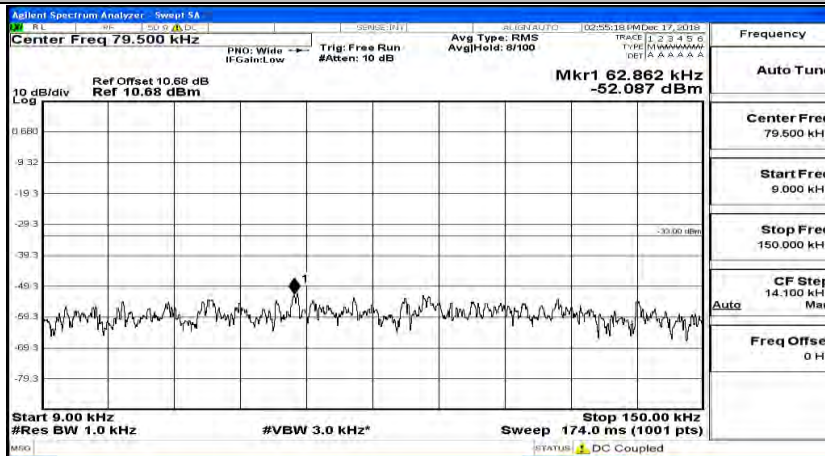


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#3

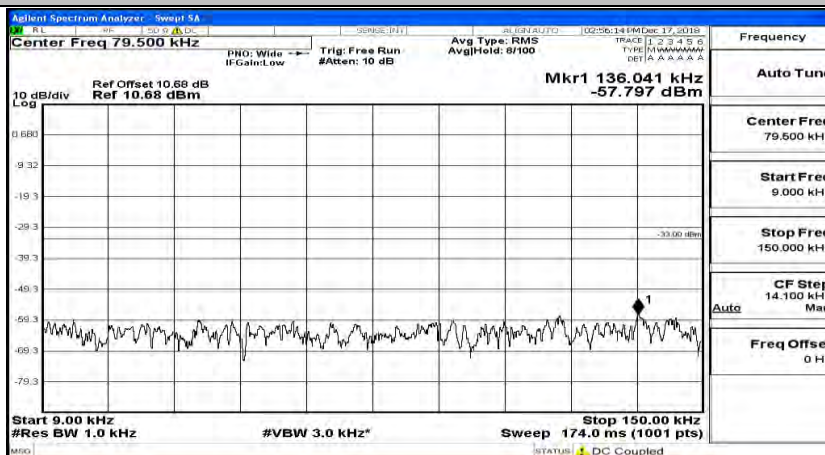


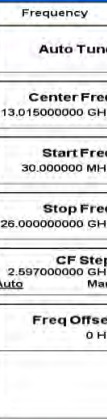
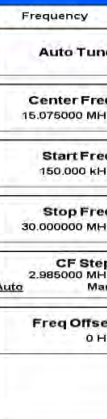


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_1RB#5

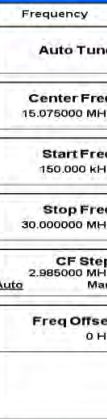


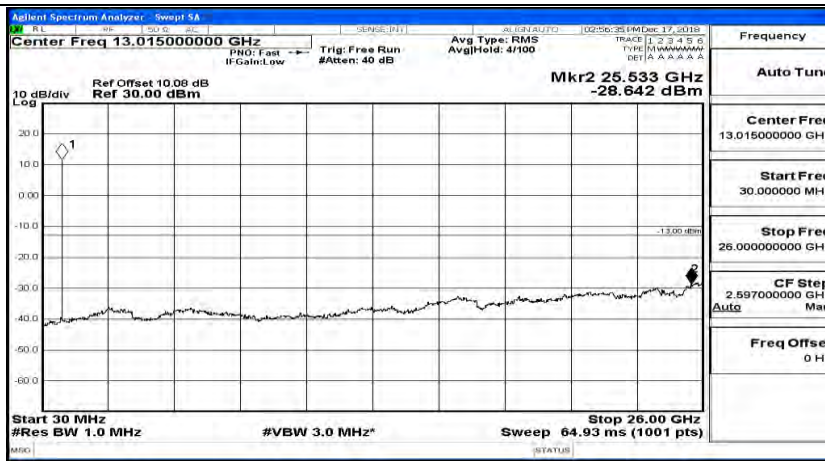
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#0



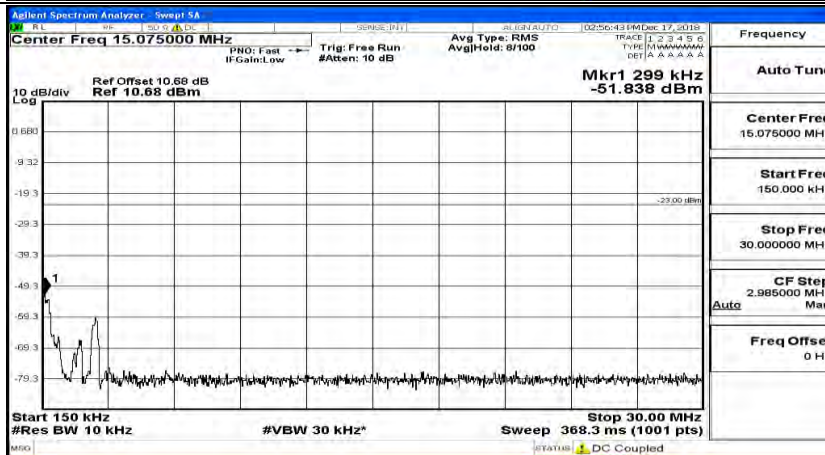
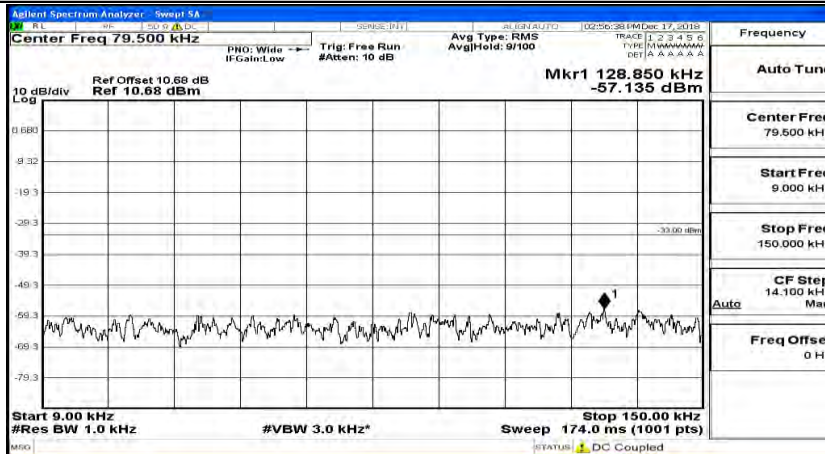


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#2



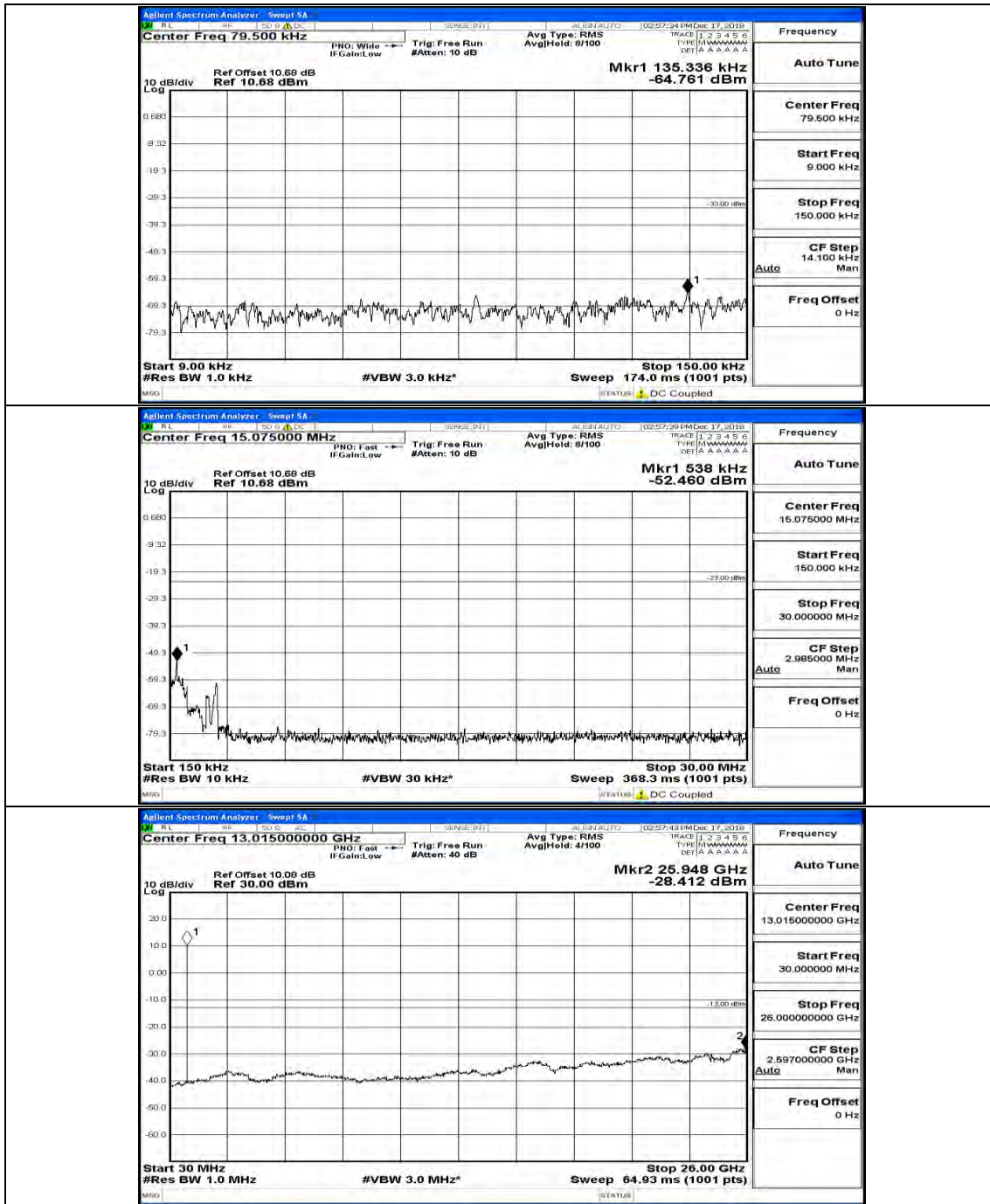


(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_3RB#3

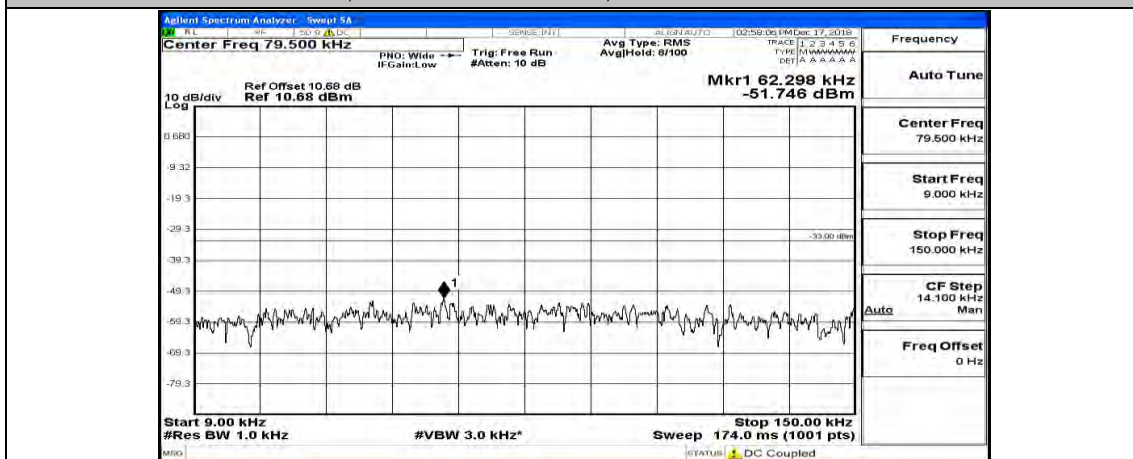


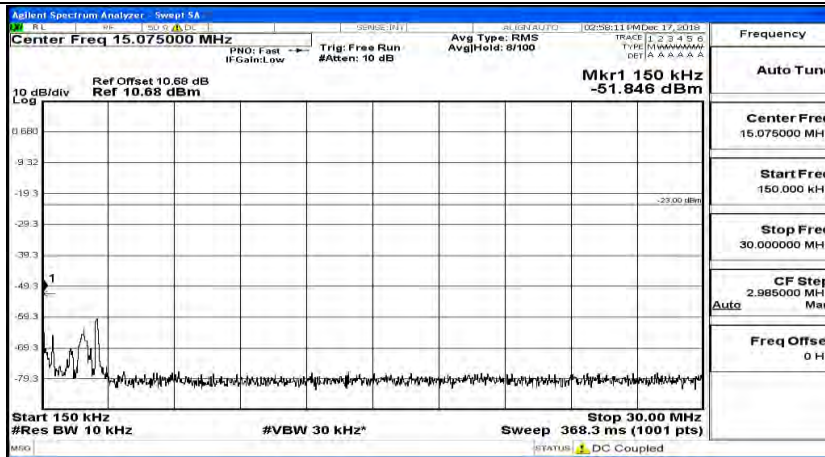
(Channel Bandwidth: 1.4 MHz)\_MCH\_QPSK\_6RB#0



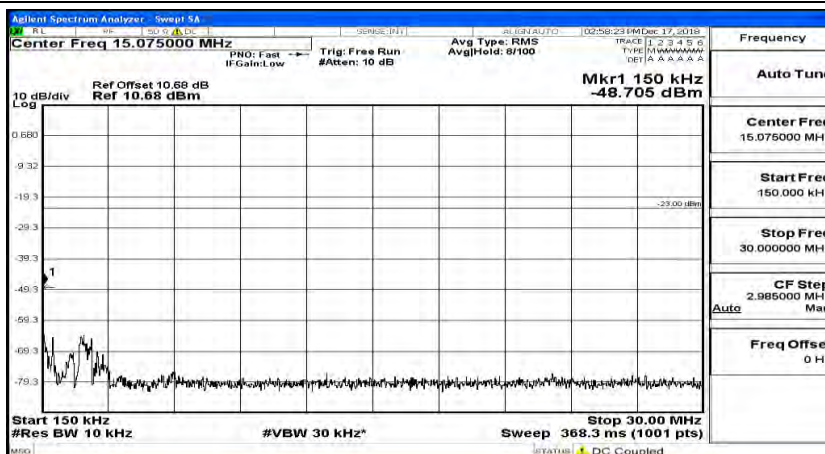
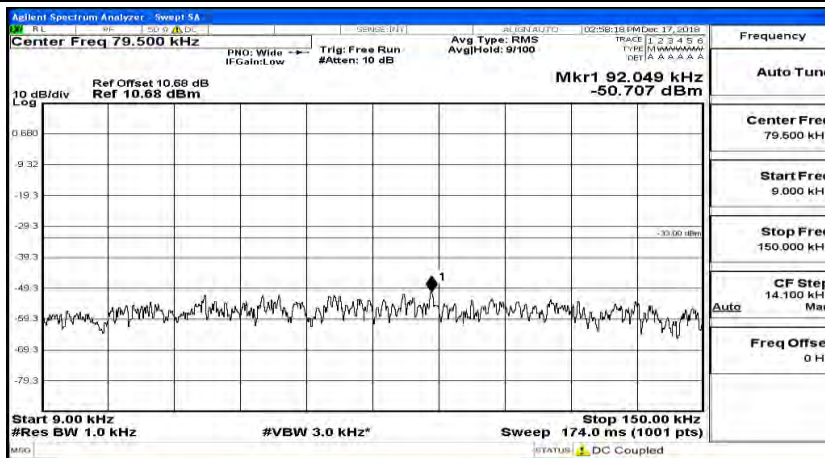


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#0



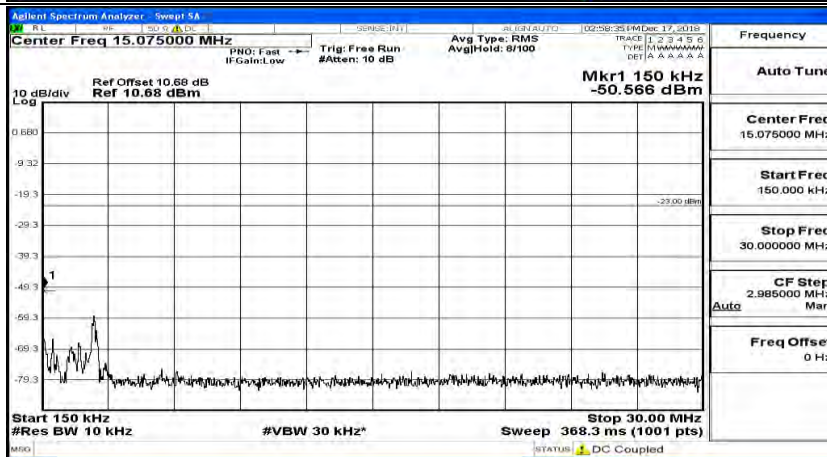
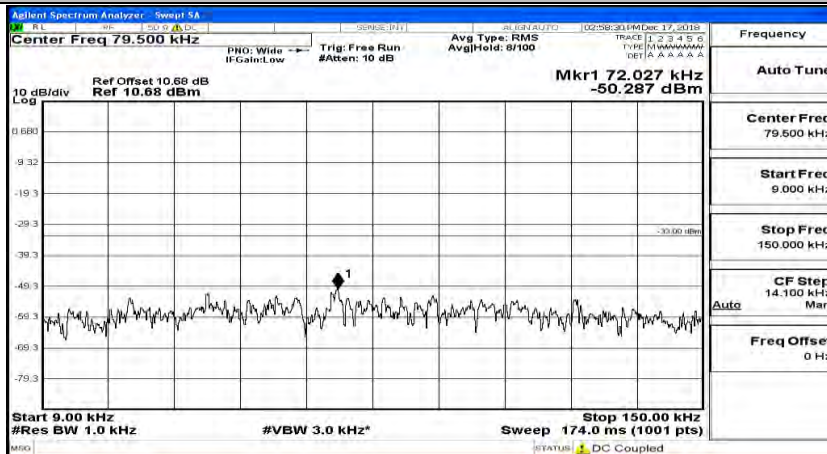


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#3



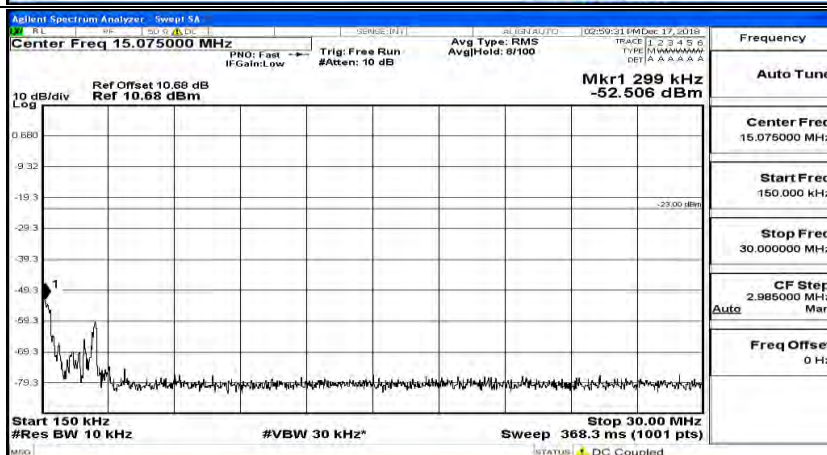
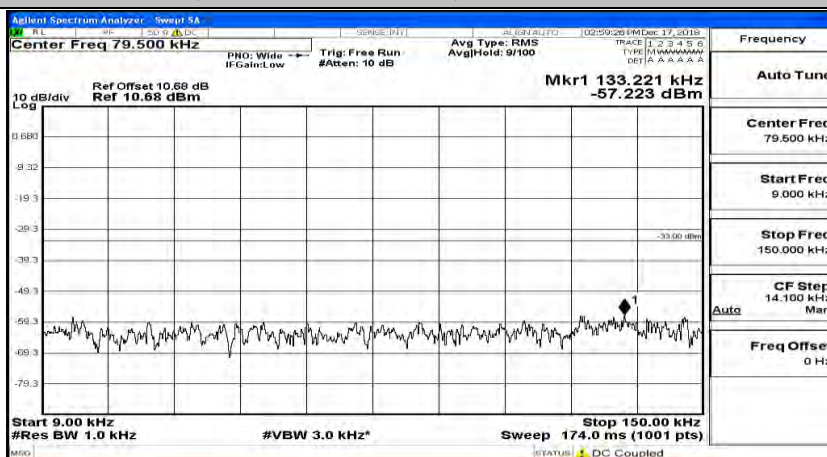


(Channel Bandwidth: 1.4 MHz)\_HCH\_QPSK\_1RB#5

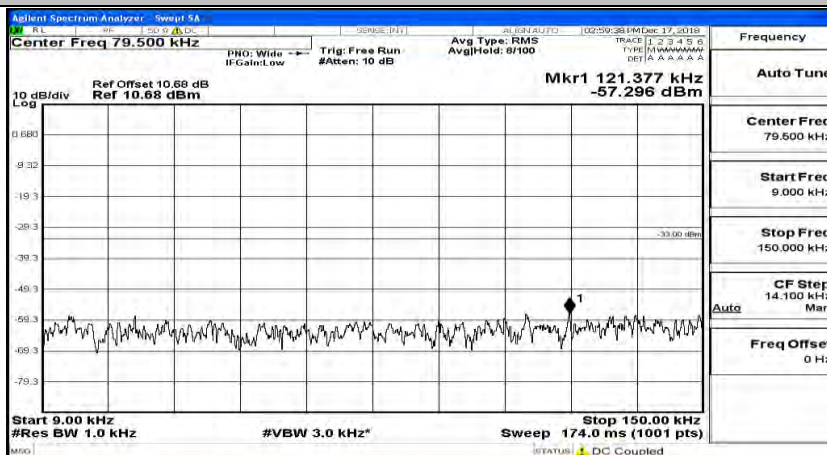


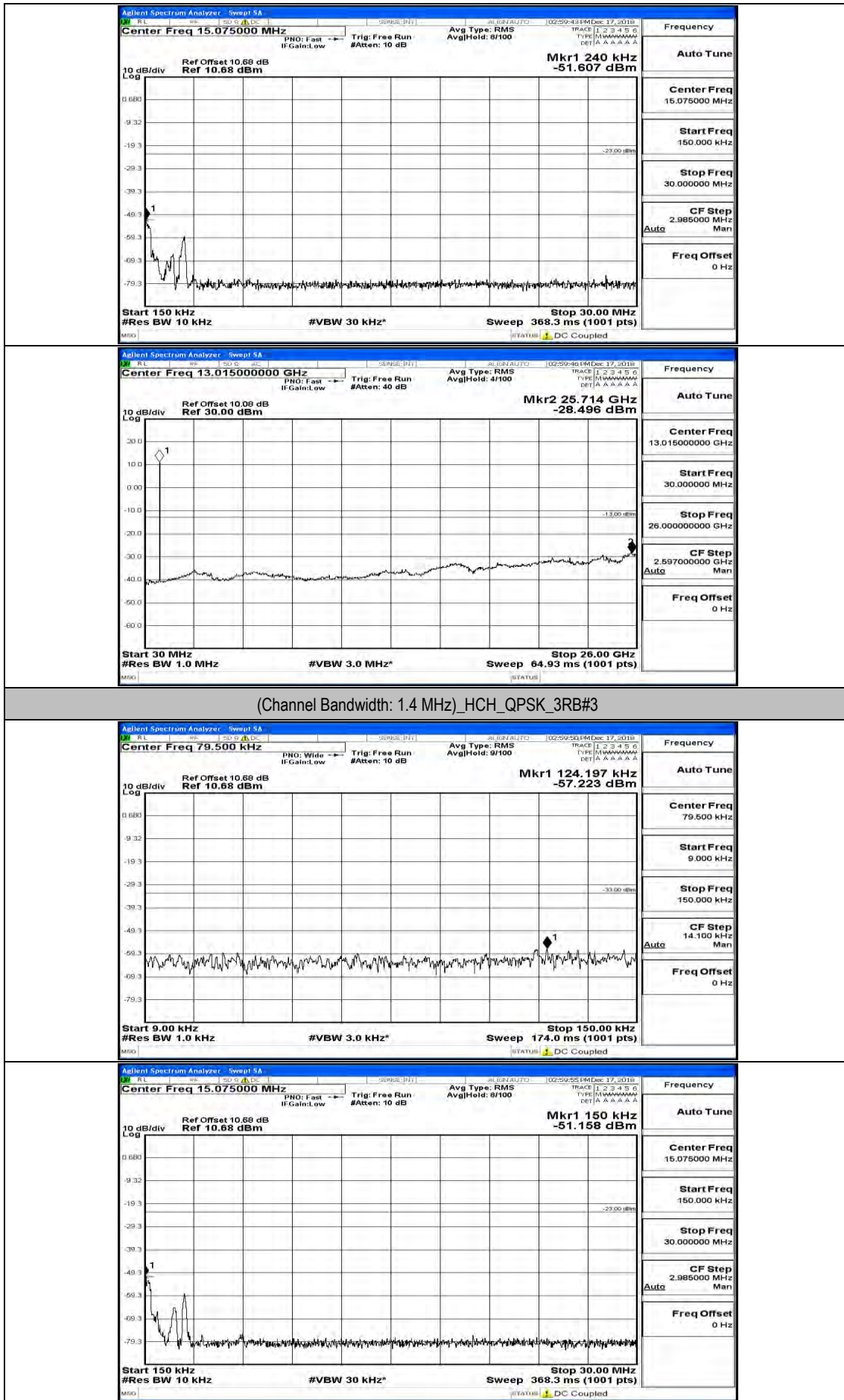


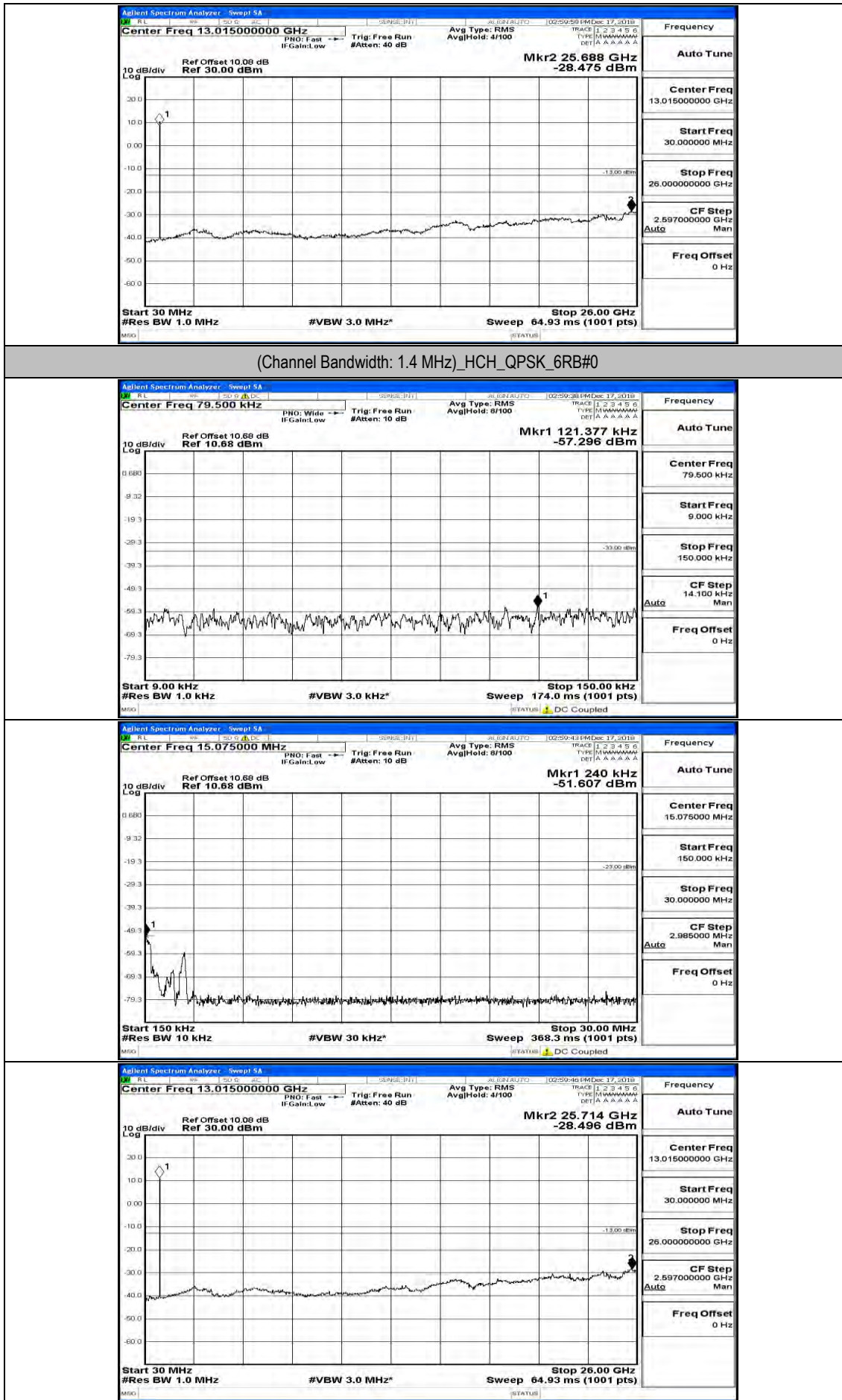
(Channel Bandwidth: 1.4 MHz) HCH QPSK 3RB#0



(Channel Bandwidth: 1.4 MHz) HCH\_QPSK\_3RB#2

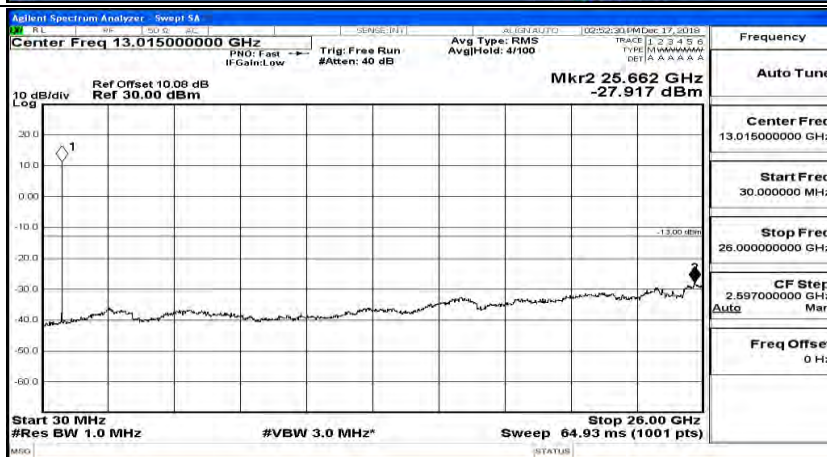
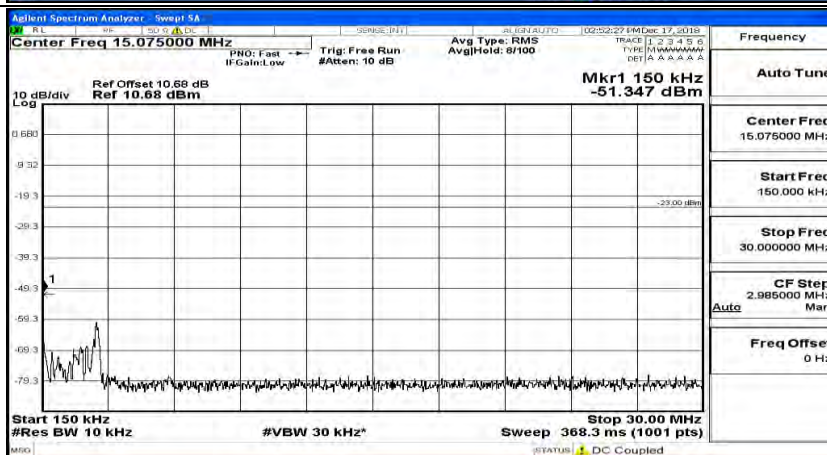
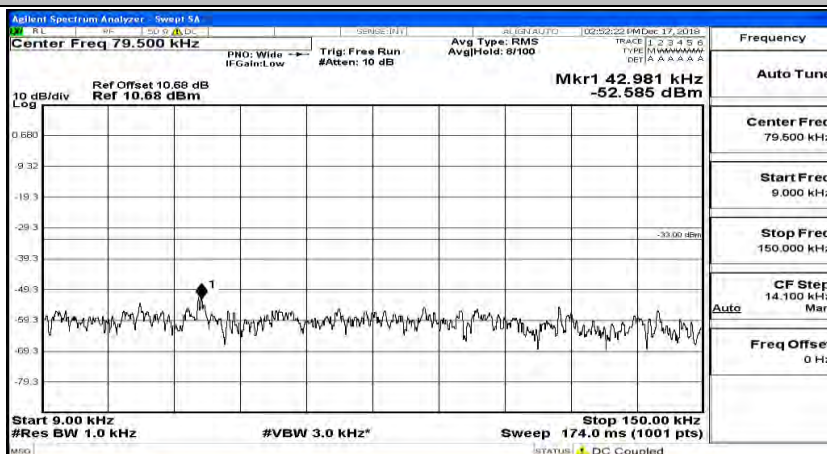




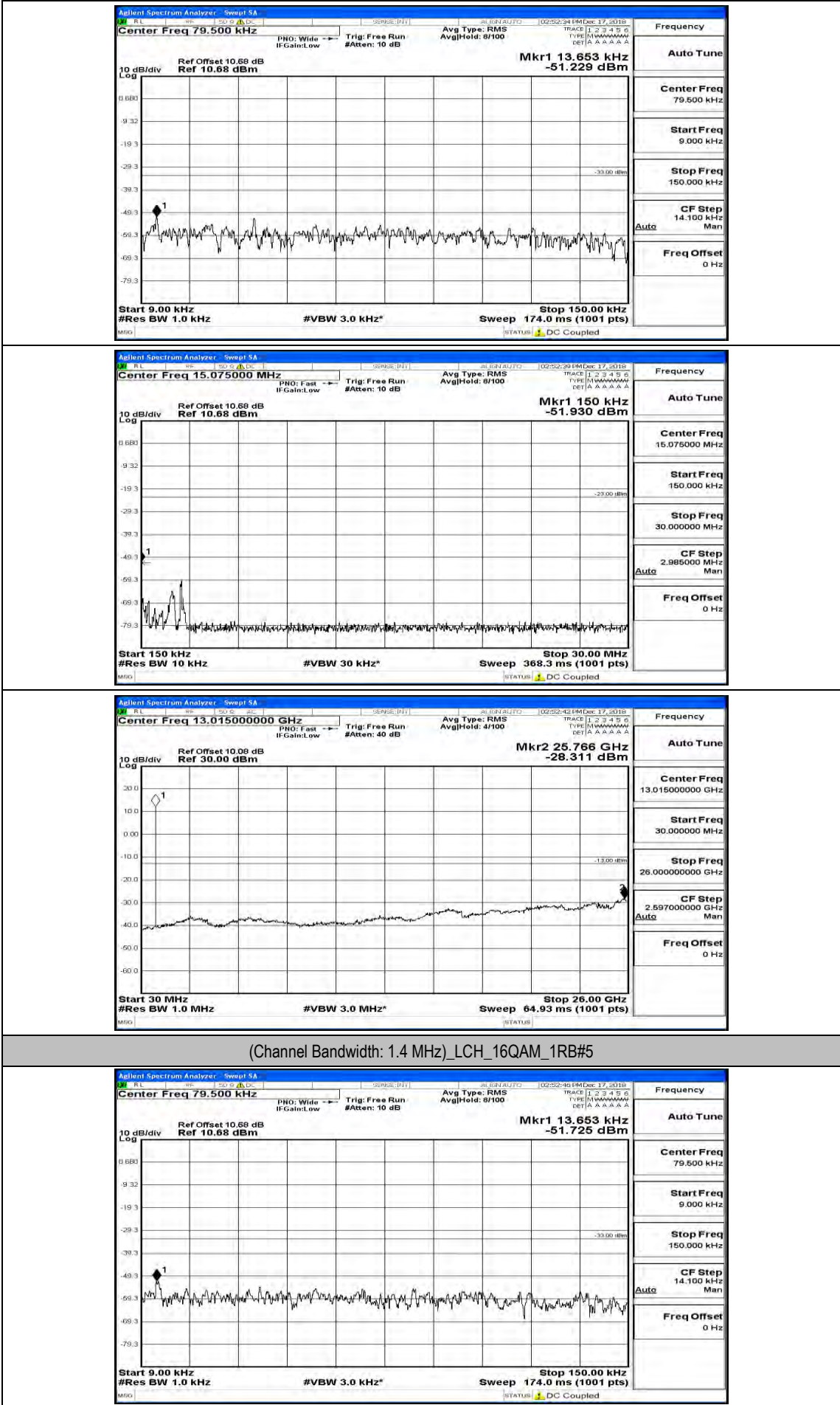




(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#0



(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#3



Agilent Spectrum Analyzer - Sweep 5A

Center Freq 13.015000000 GHz

Ref Offset 10.68 dB  
Ref 30.00 dBm

Mkr2 25.766 GHz  
-28.311 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz\*

Stop 26.00 GHz  
Sweep 64.93 ms (1001 pts)

Frequency

Auto Tune

Center Freq  
13.015000000 GHz

Start Freq  
30.000000 MHz

Stop Freq  
26.000000000 GHz

CF Step  
2.597000000 GHz  
Man

Freq Offset  
0 Hz

(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_1RB#5

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 79.500 kHz

Ref Offset 10.68 dB  
Ref 10.68 dBm

Mkr1 13.653 kHz  
-51.725 dBm

Start 9.00 kHz  
#Res BW 1.0 kHz

#VBW 3.0 kHz\*

Stop 150.00 kHz  
Sweep 174.0 ms (1001 pts)

Frequency

Auto Tune

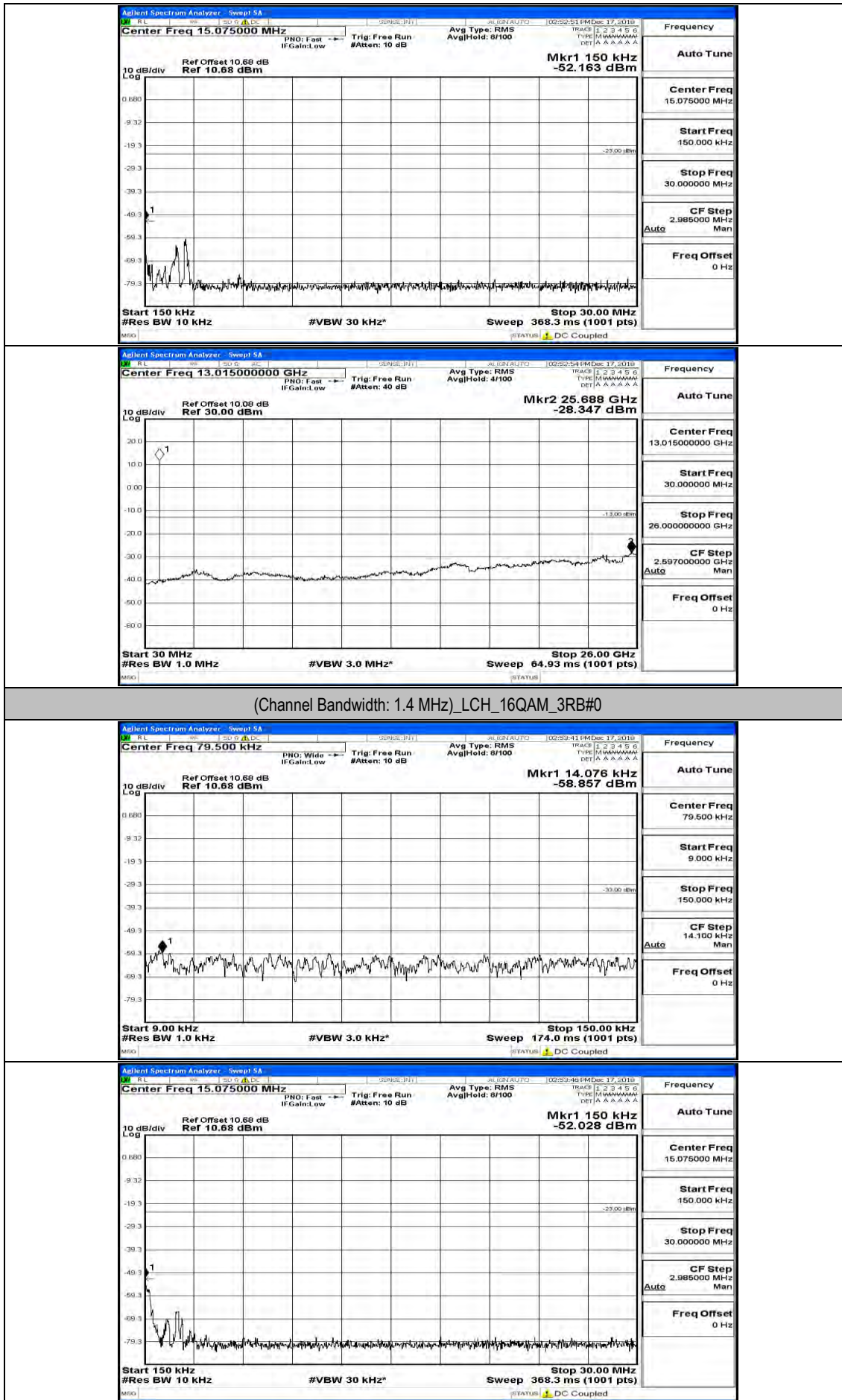
Center Freq  
79.500 kHz

Start Freq  
9.000 kHz

Stop Freq  
150.000 kHz

CF Step  
14.100 kHz  
Man

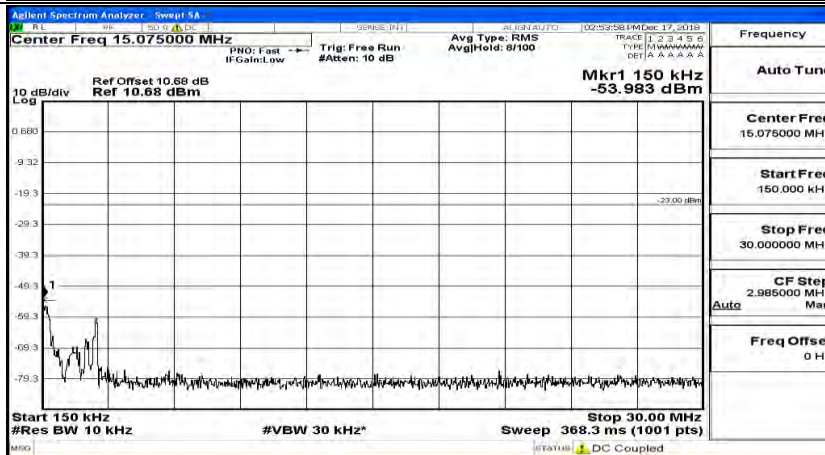
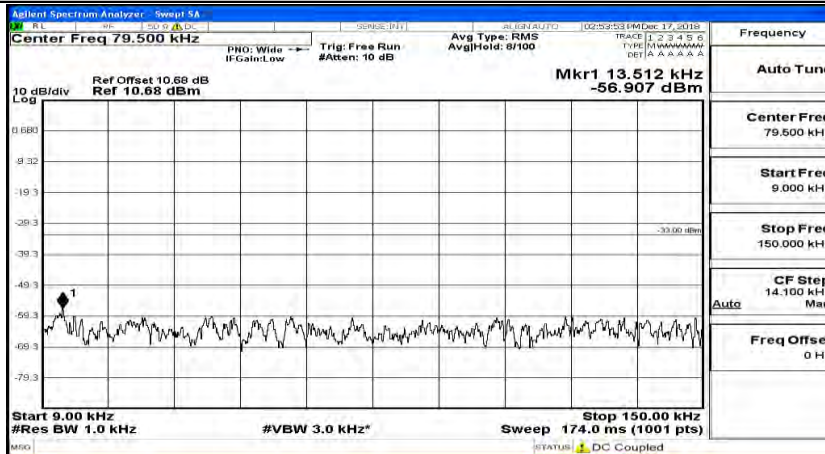
Freq Offset  
0 Hz



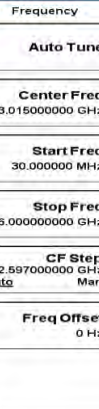




(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#2

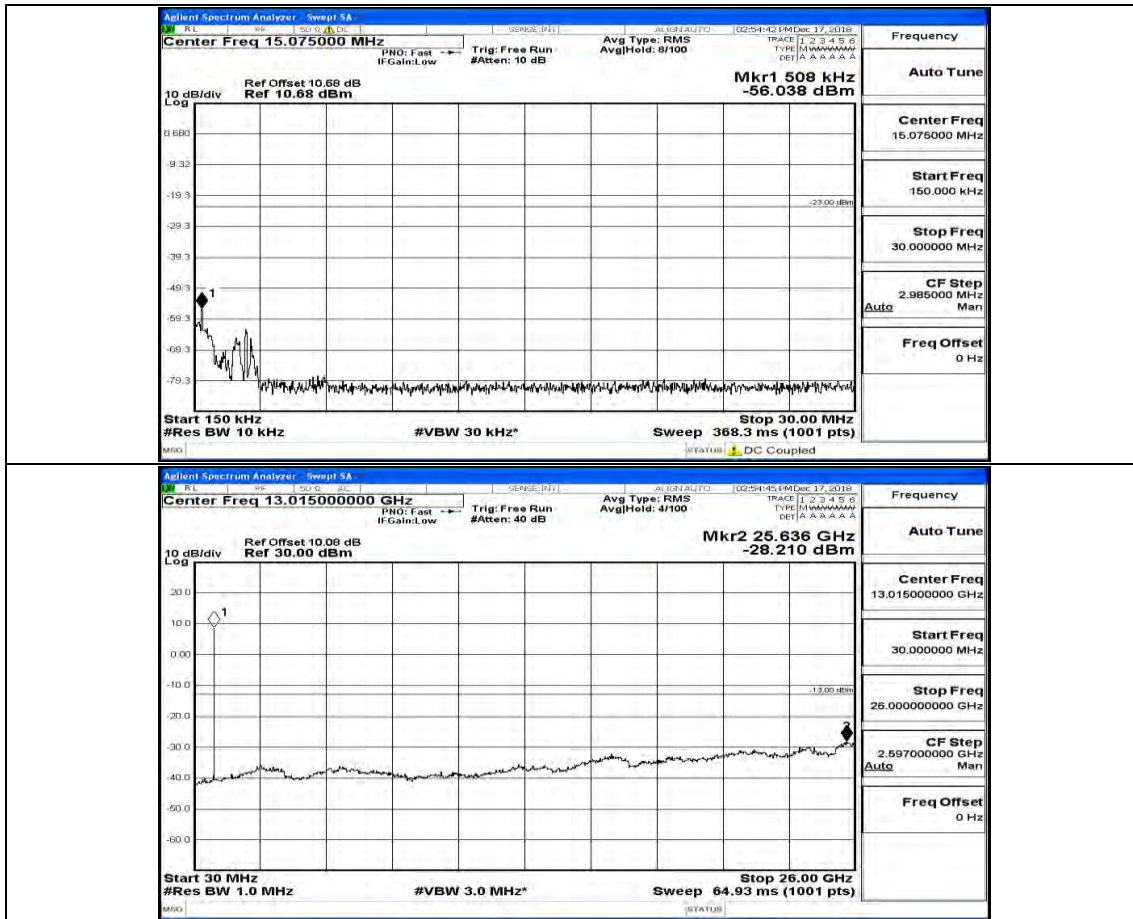


(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_3RB#3

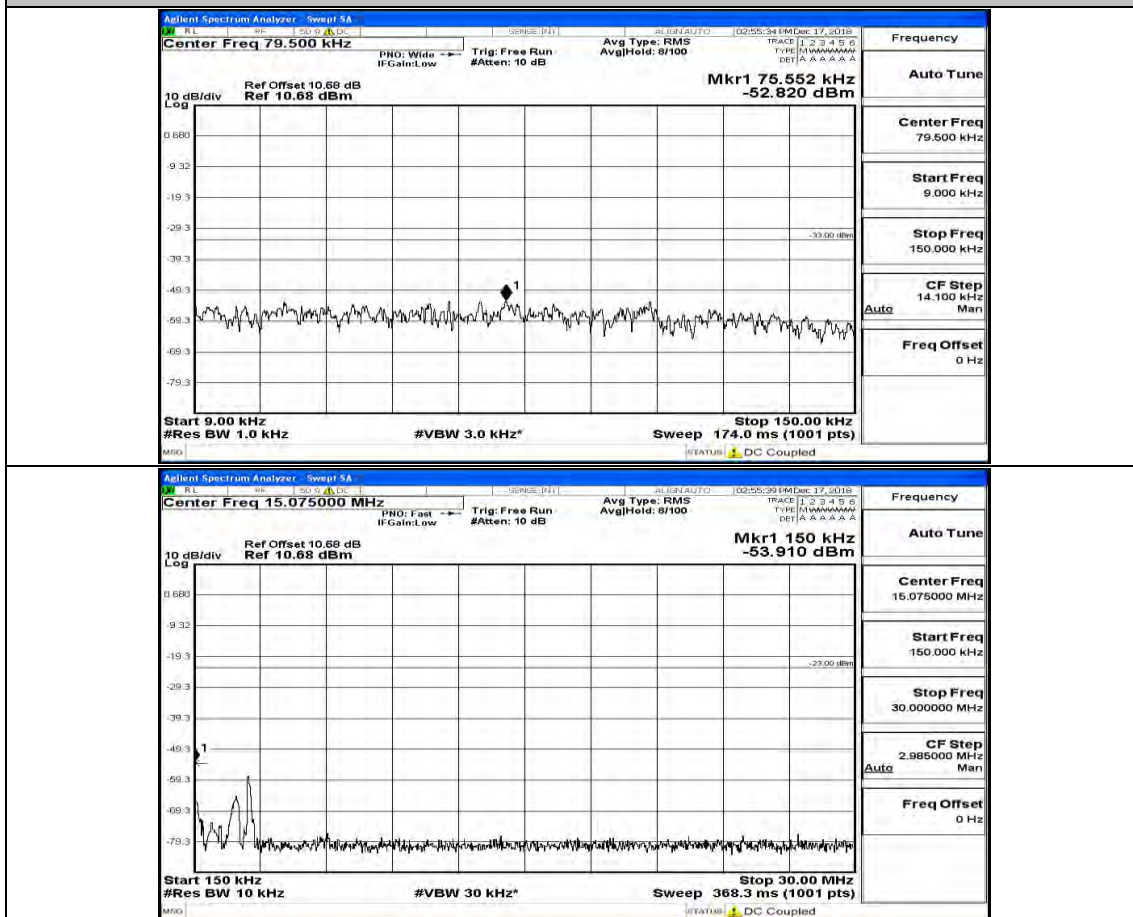


(Channel Bandwidth: 1.4 MHz) LCH\_16QAM\_6RB#0

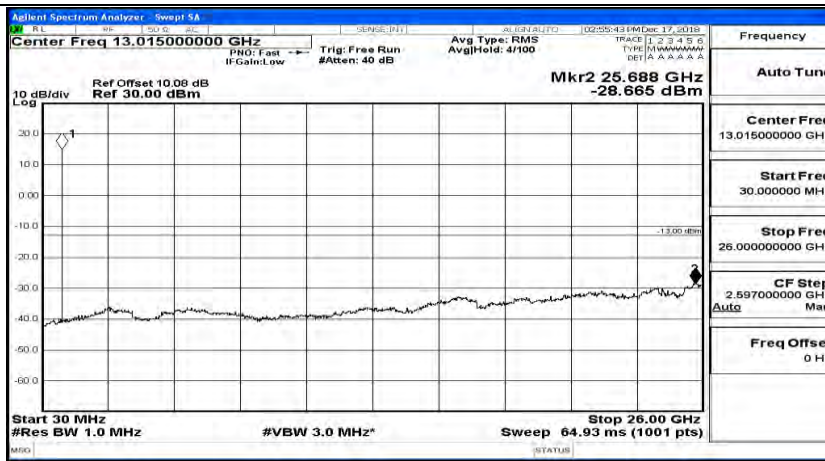




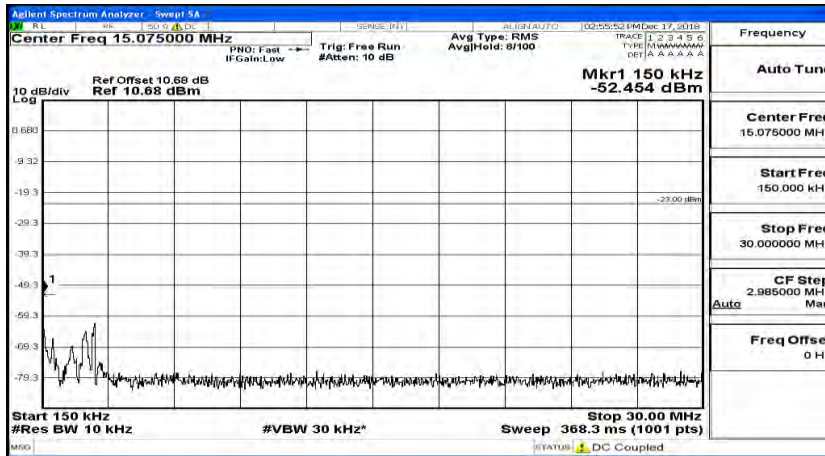
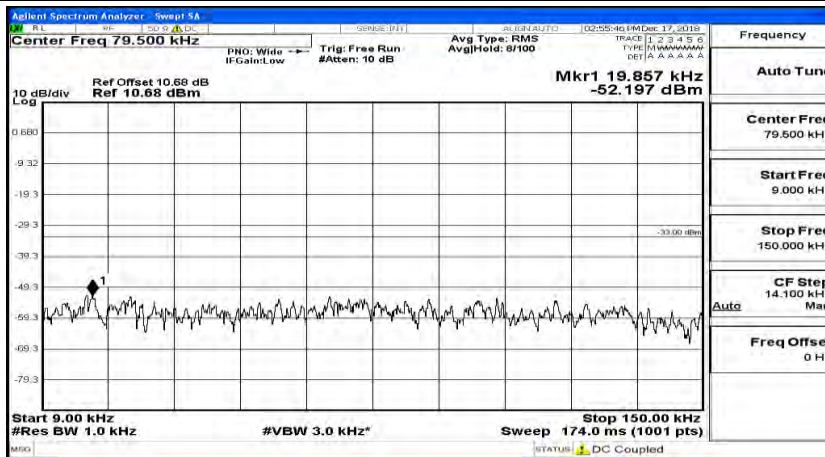
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#0



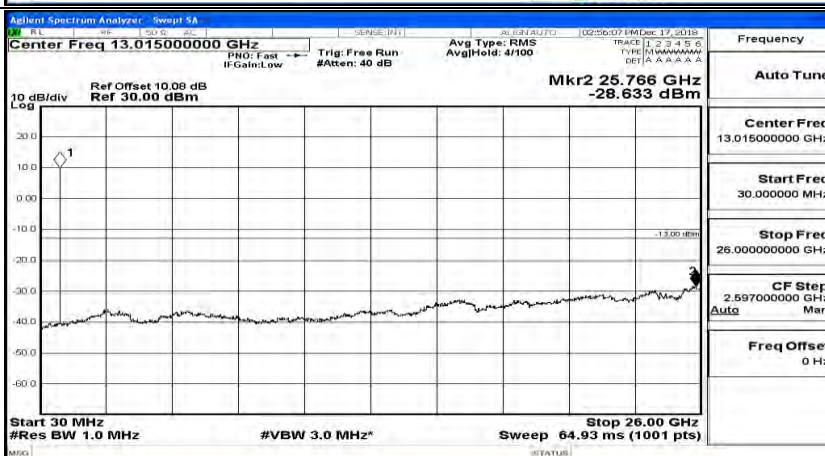
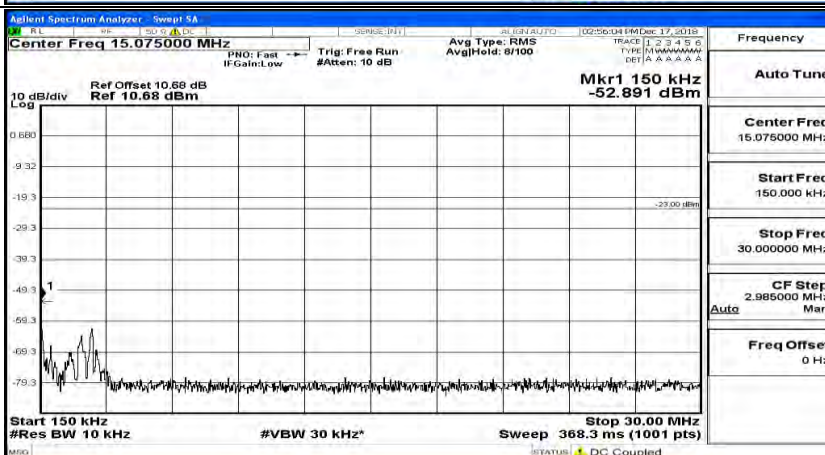
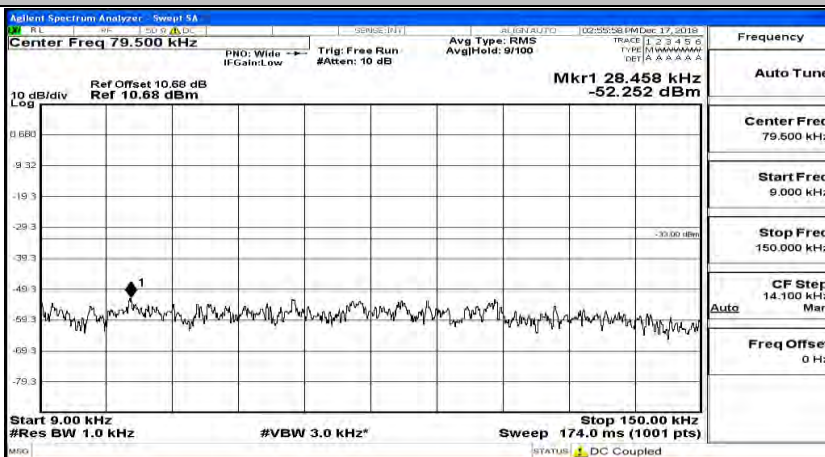




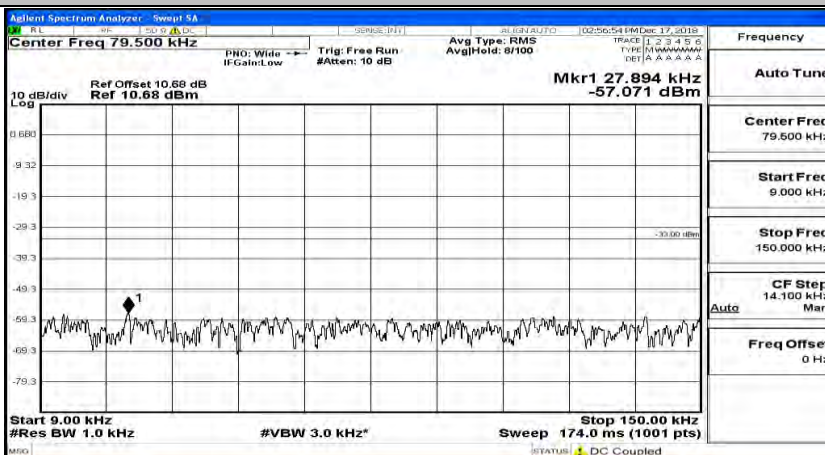
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#3

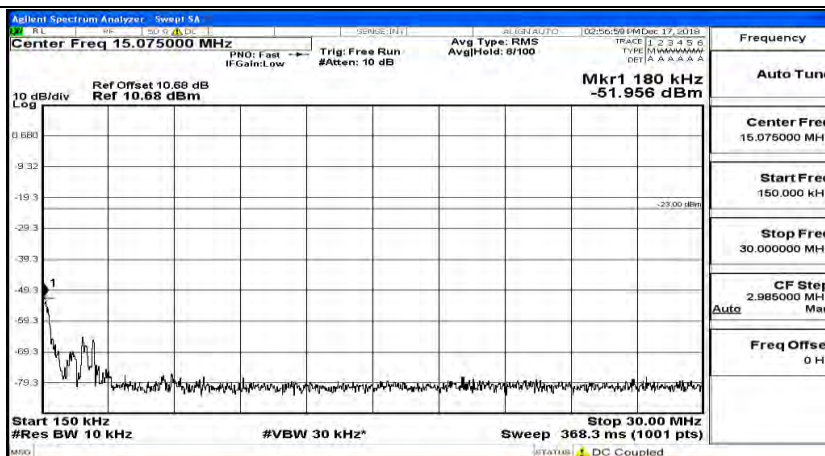


(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_1RB#5

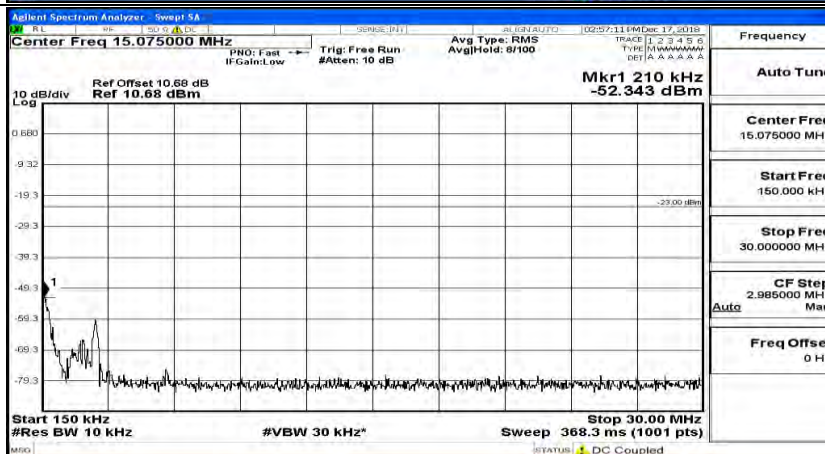
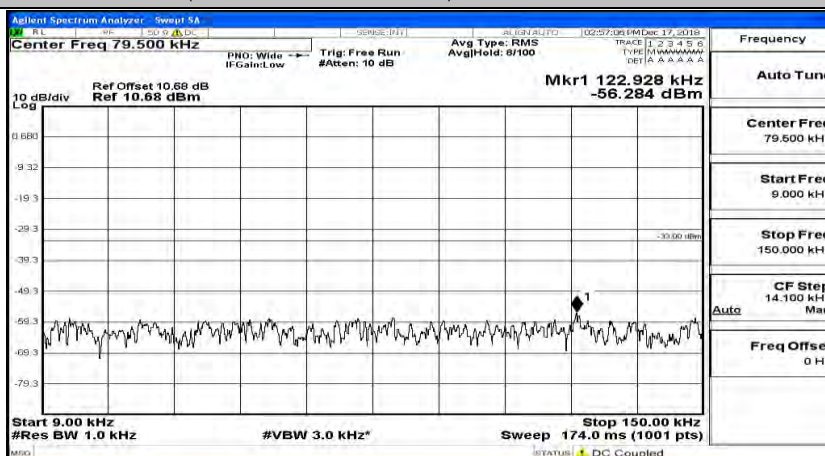


(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#0





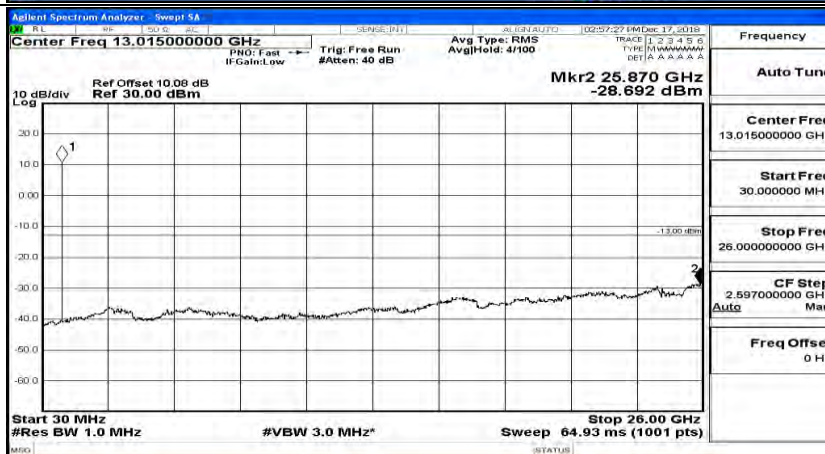
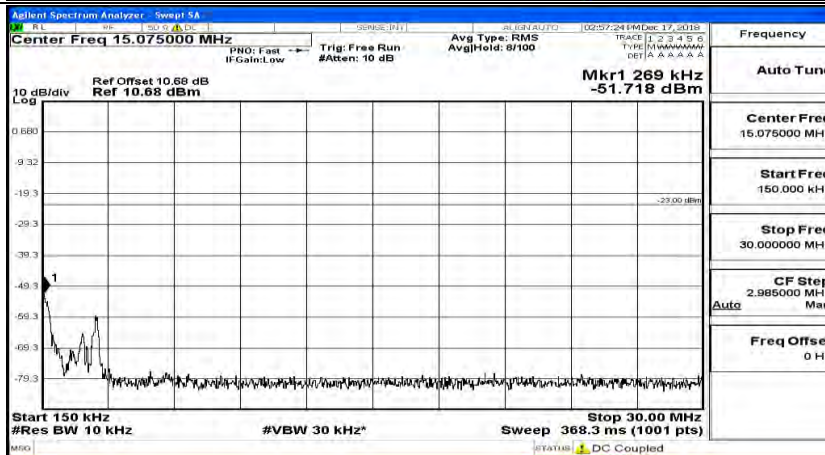
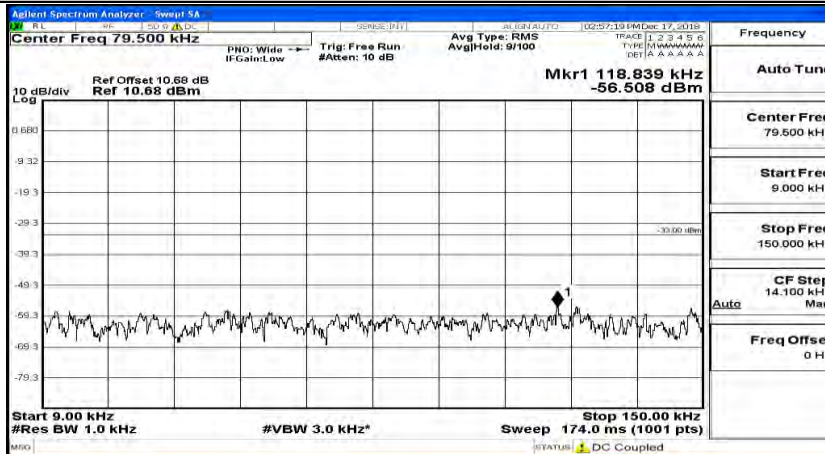
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#2



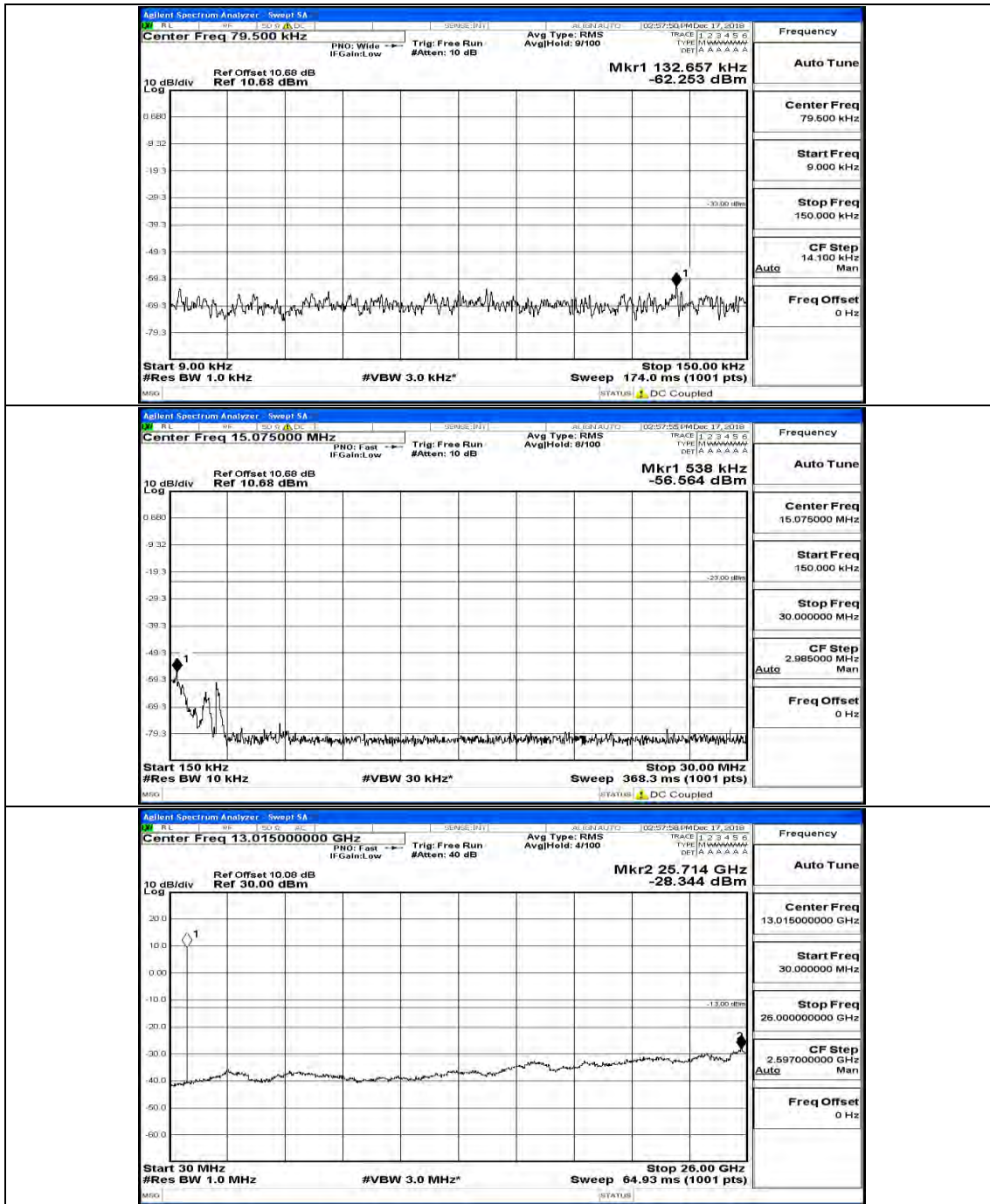




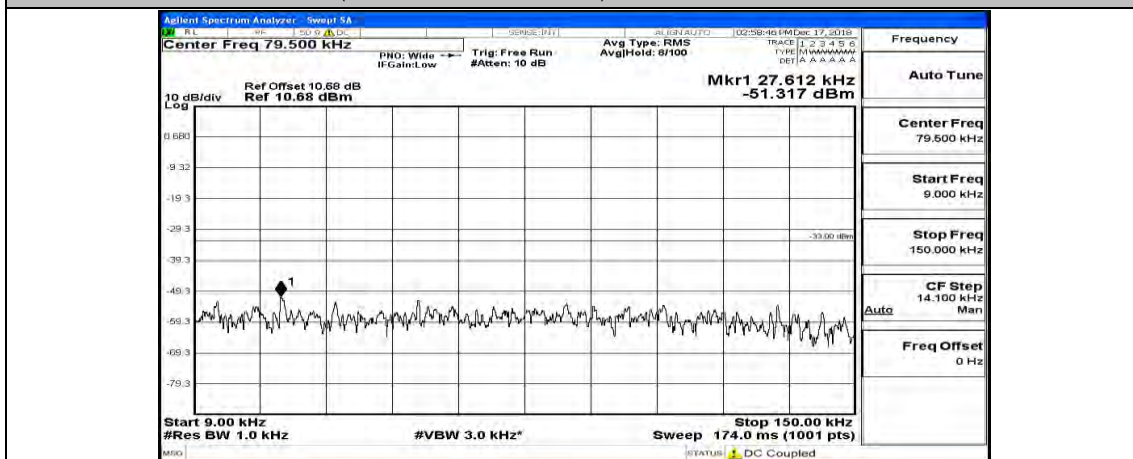
(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_3RB#3

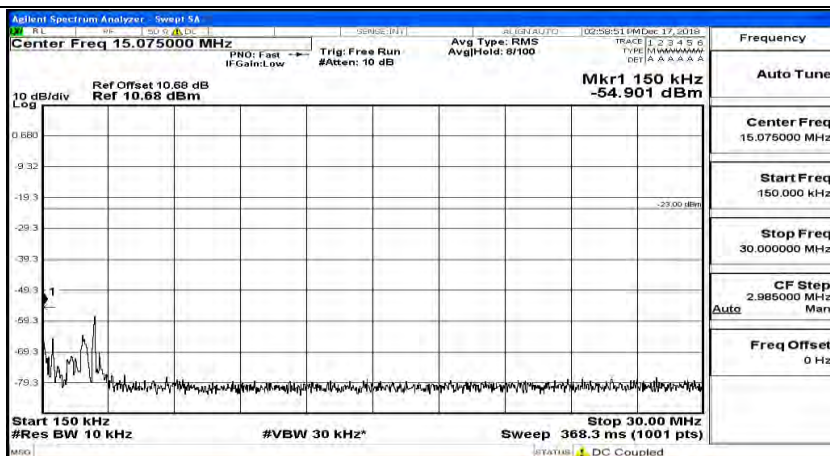


(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_6RB#0

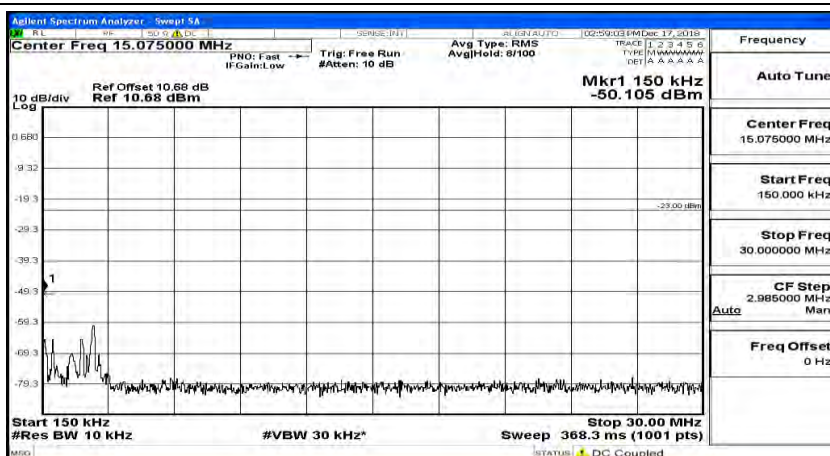
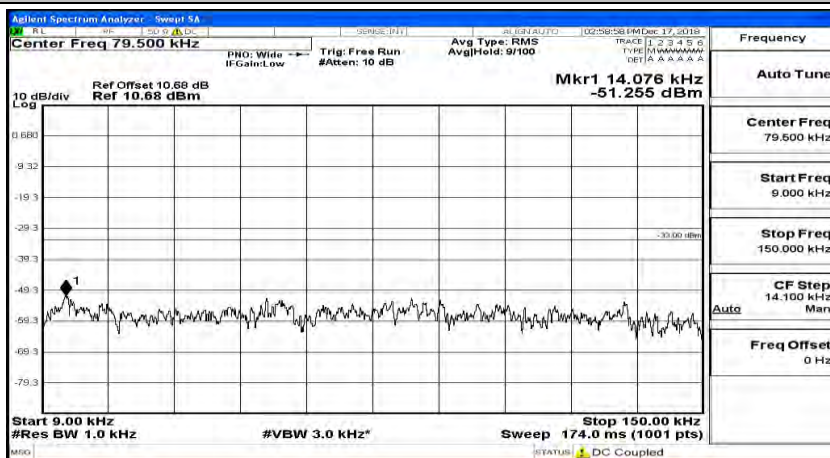


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#0





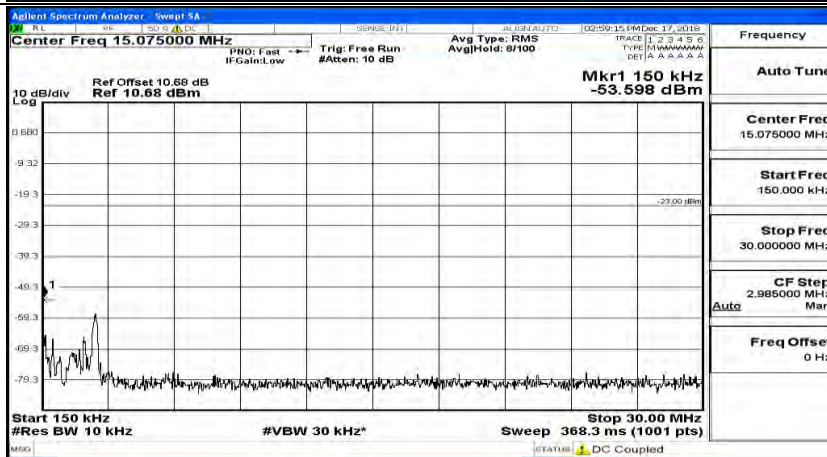
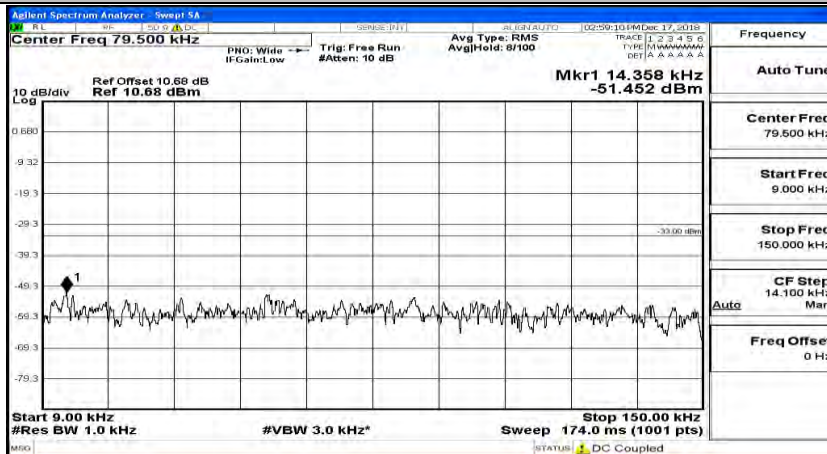
(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#3



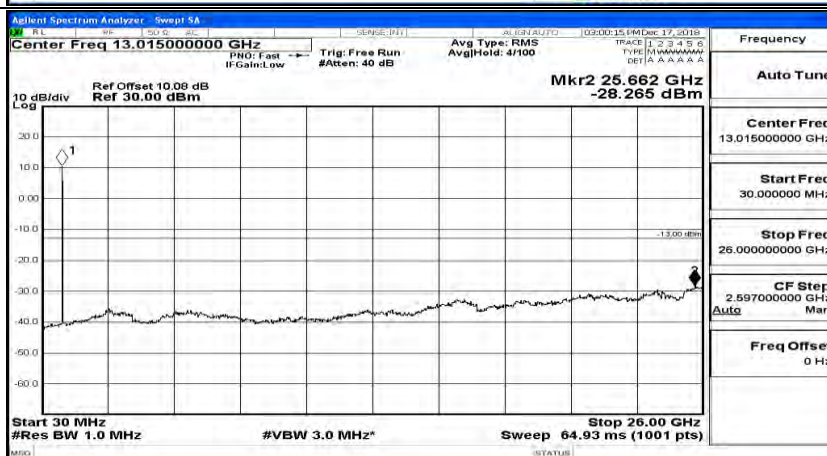
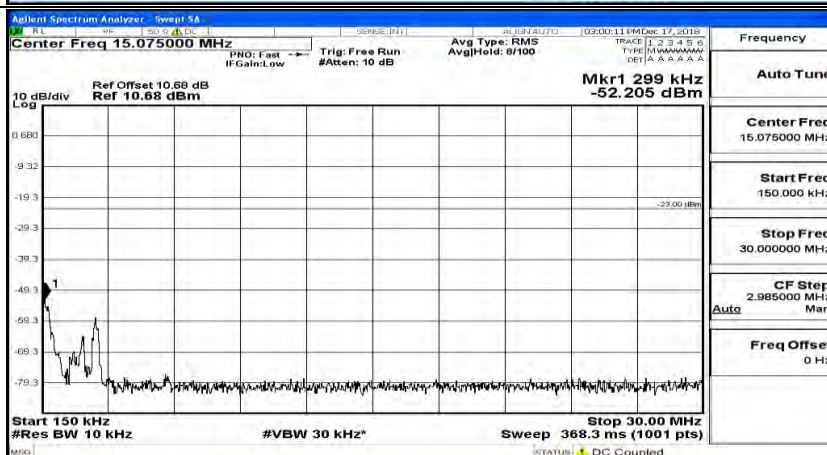
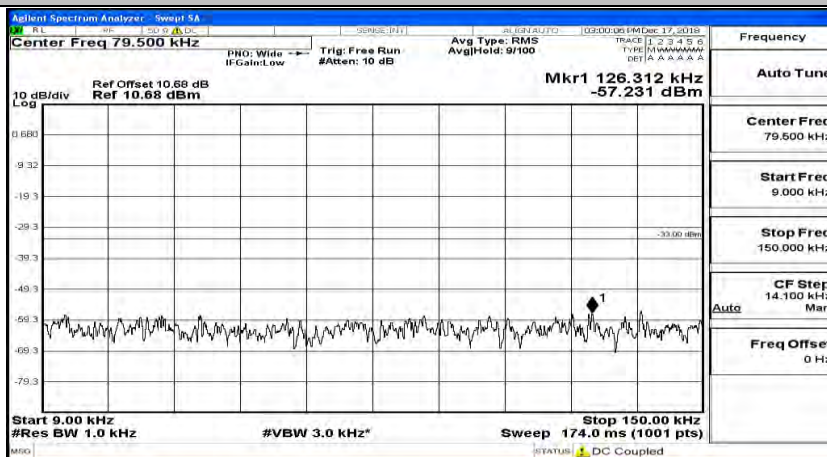




(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_1RB#5



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_3RB#0



(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_3RB#2

