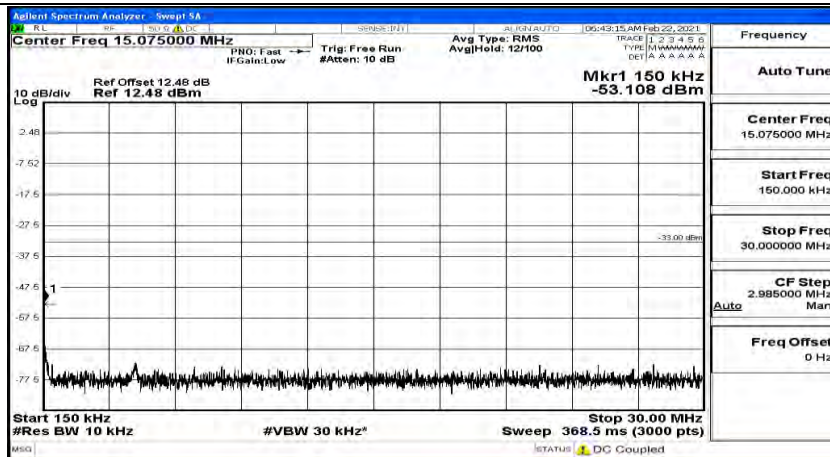
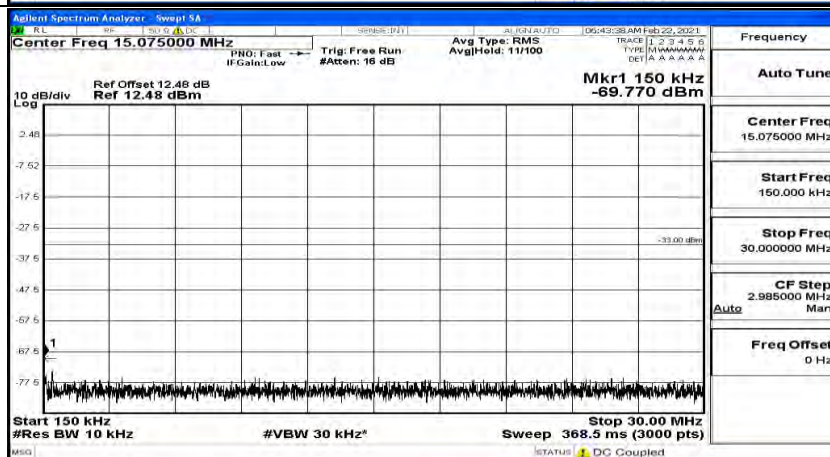
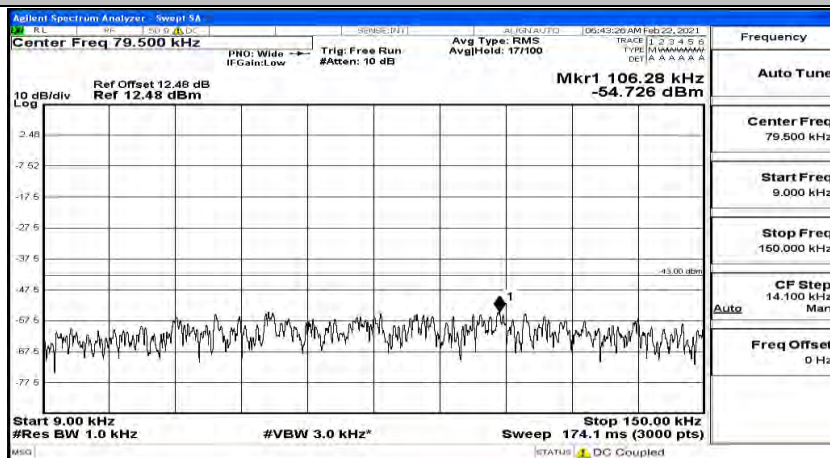


Frequency
<b>Auto Tune</b>
<b>Center Freq</b> 79.500 kHz
<b>Start Freq</b> 9.000 kHz
<b>Stop Freq</b> 150.000 kHz
<b>CF Step</b> 14.100 kHz
<b>Auto</b> <b>Man</b>
<b>Freq Offset</b> 0 Hz

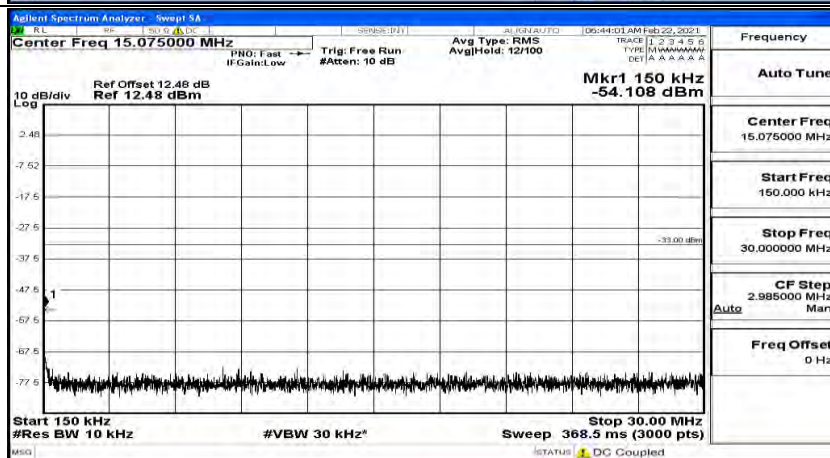
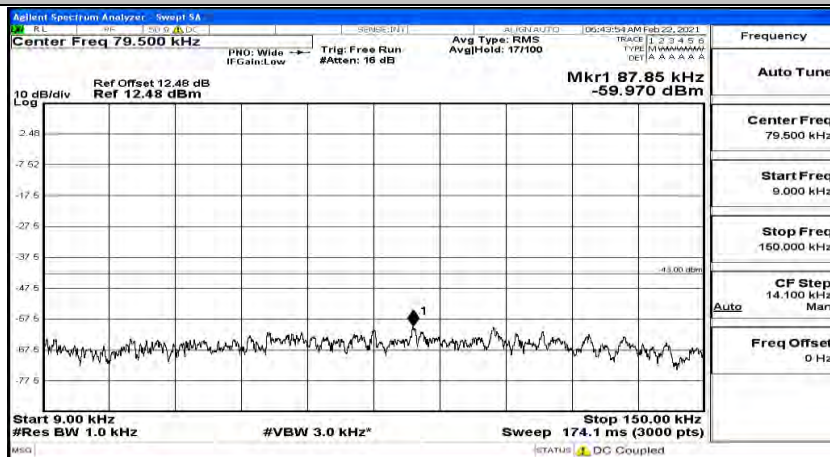


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12



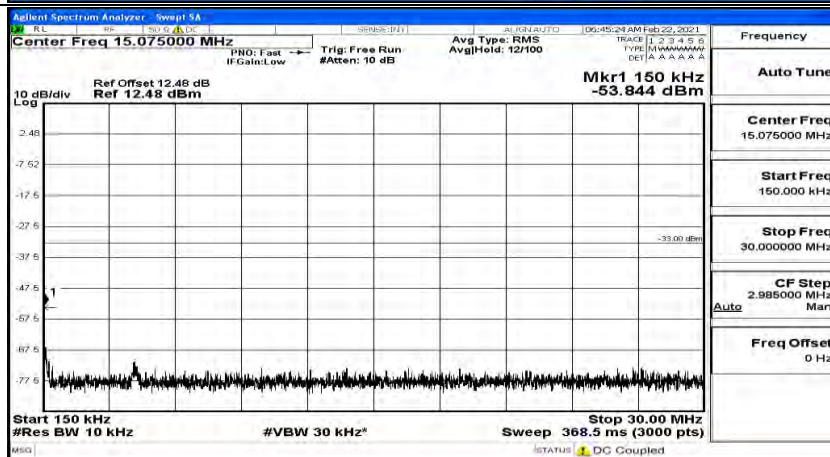
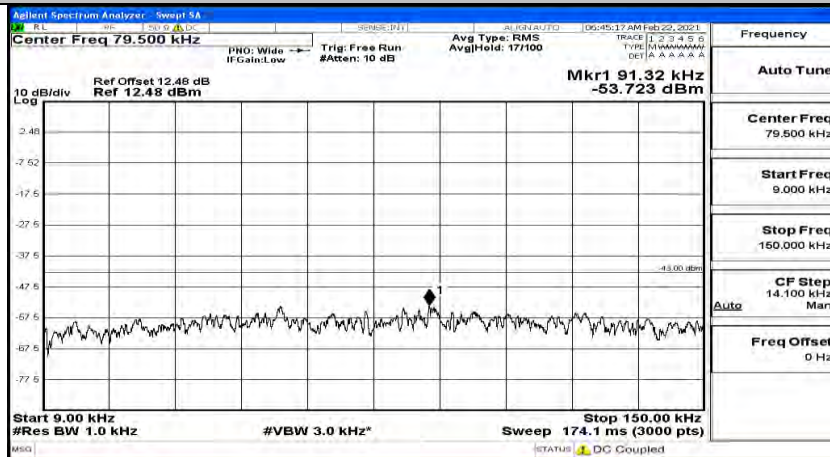


(Channel Bandwidth: 5 MHz) MCH\_QPSK\_1RB#24

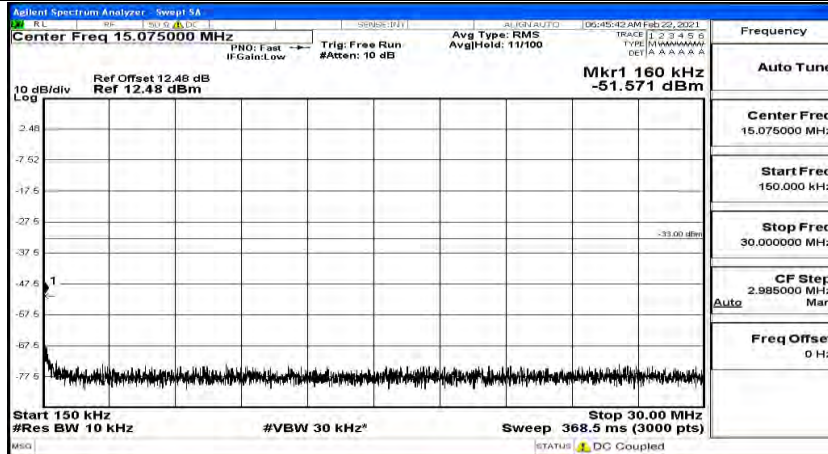
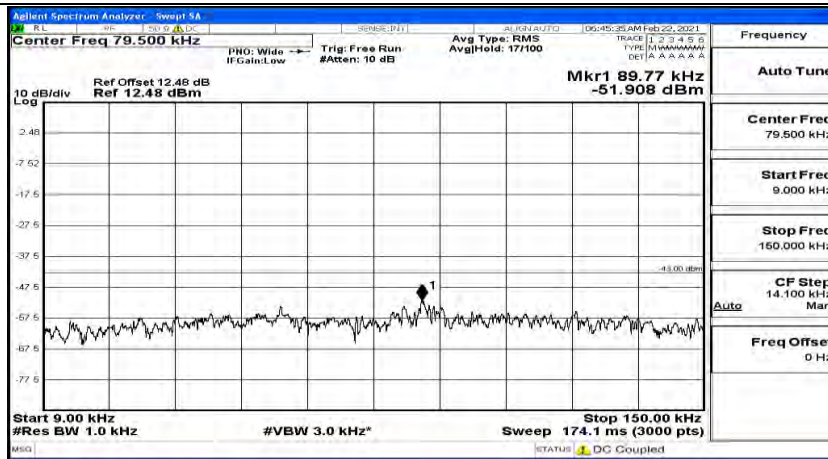




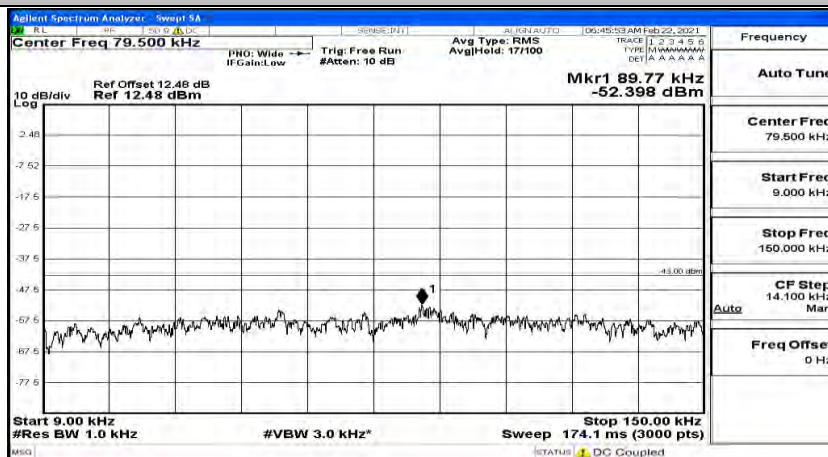
## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

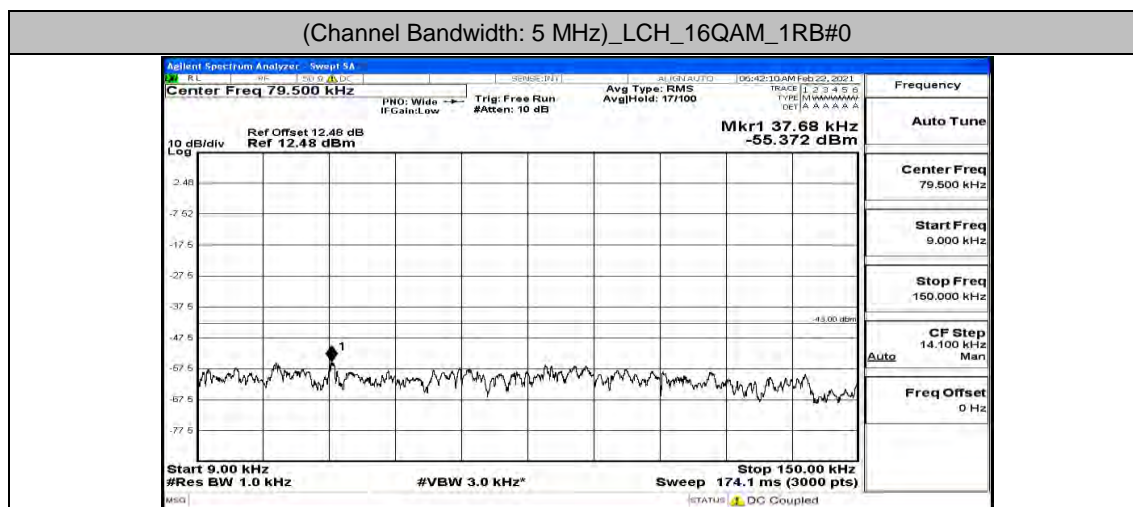


## (Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#12

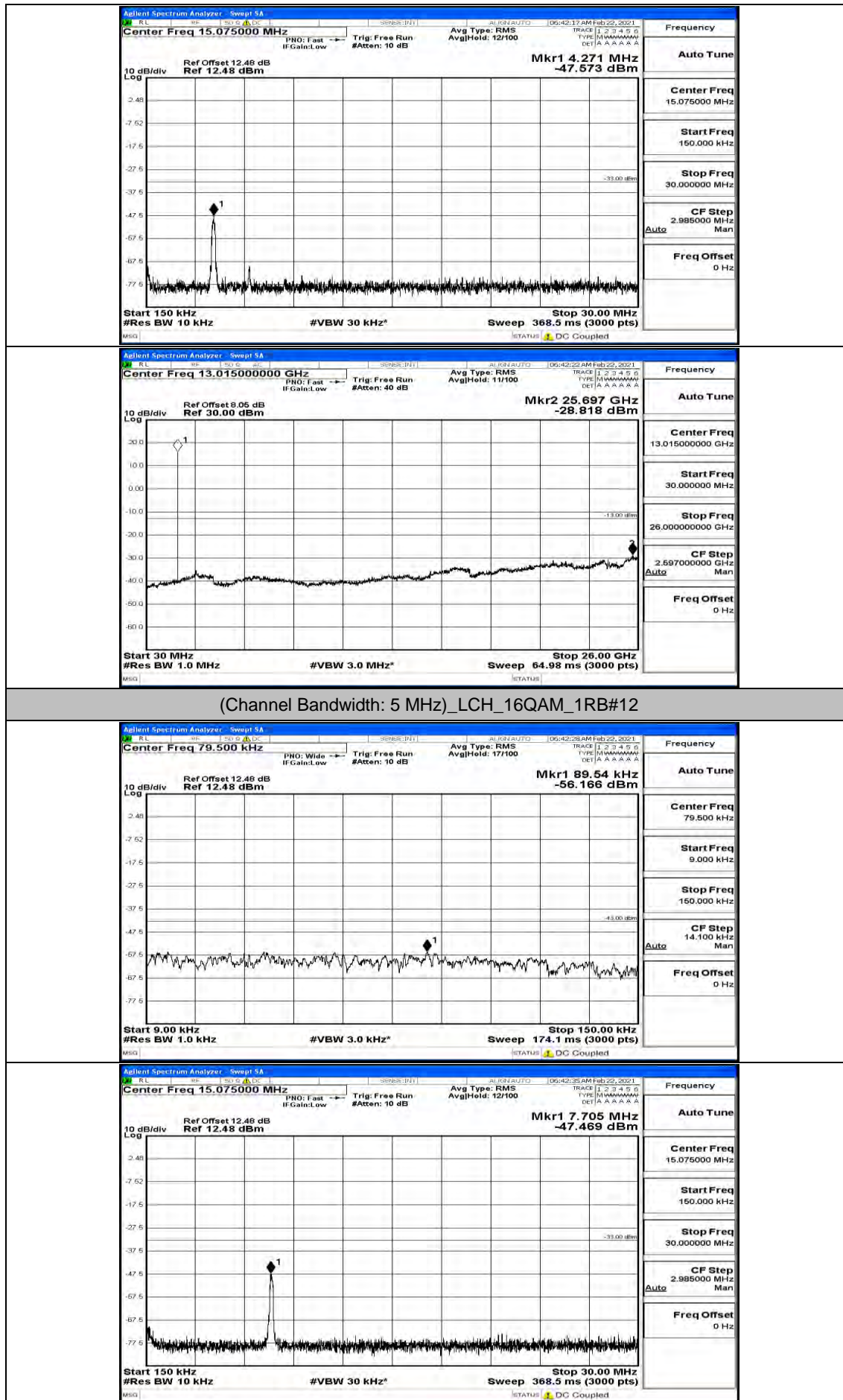


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24



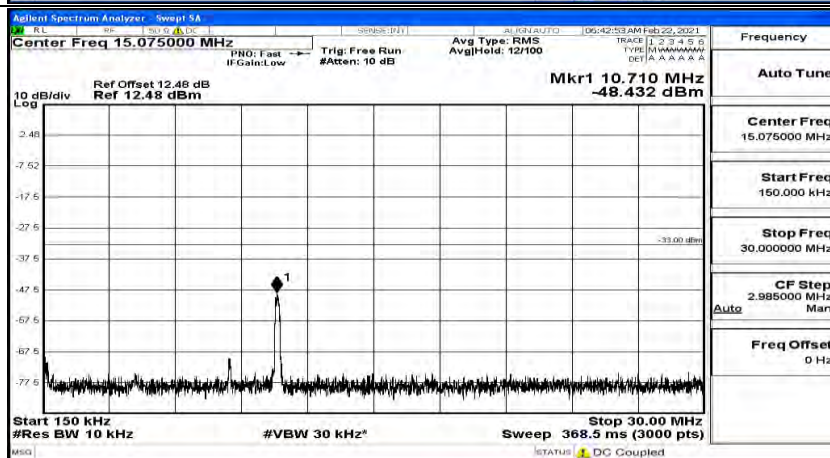
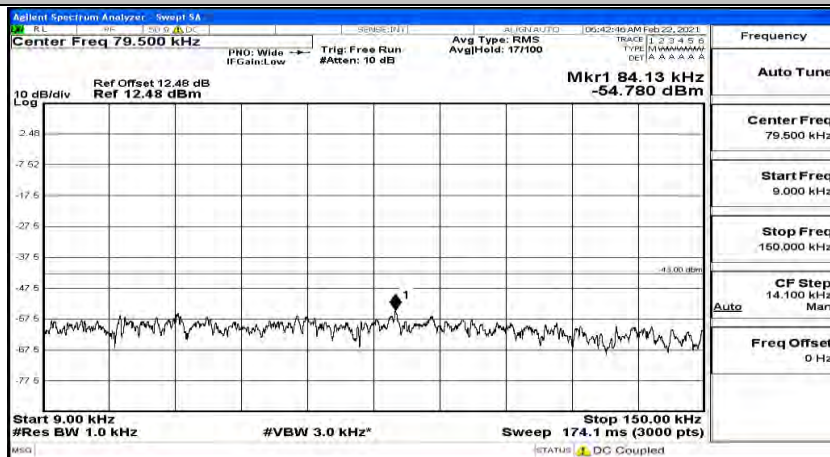






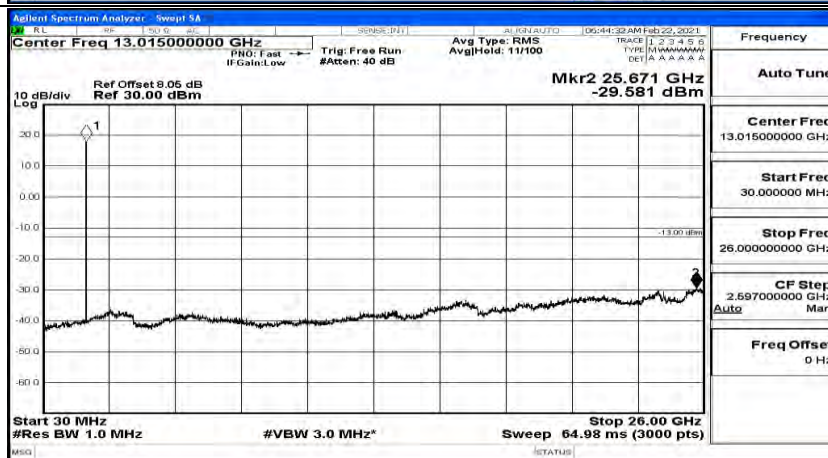
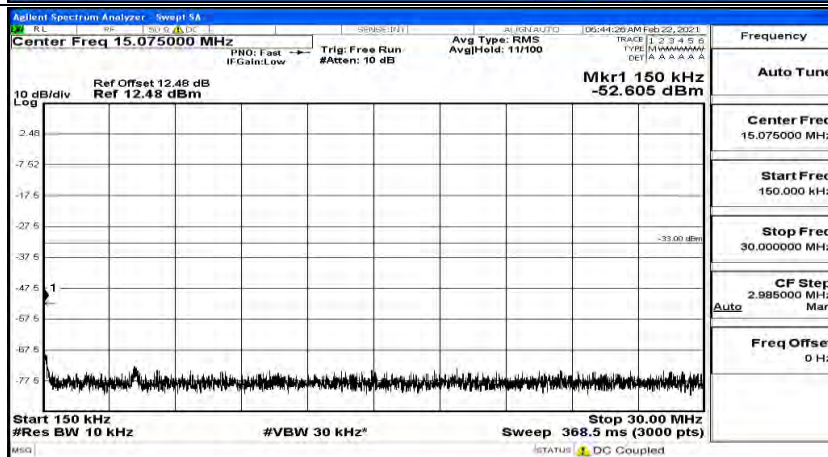
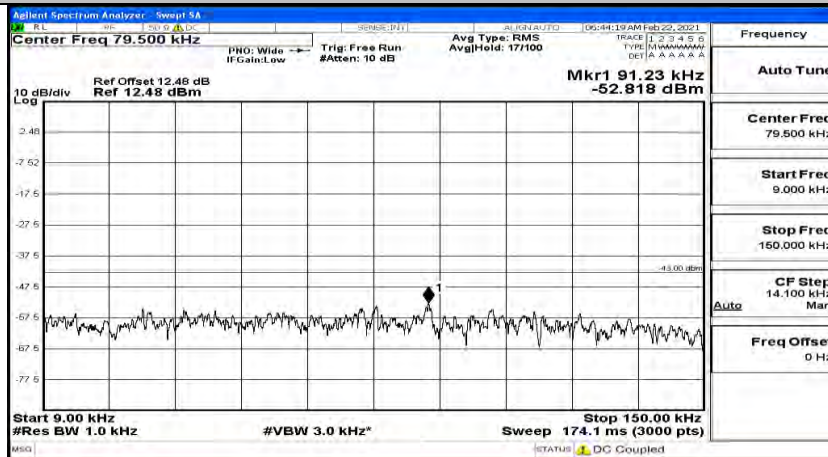


(Channel Bandwidth: 5 MHz) LCH\_16QAM\_1RB#24

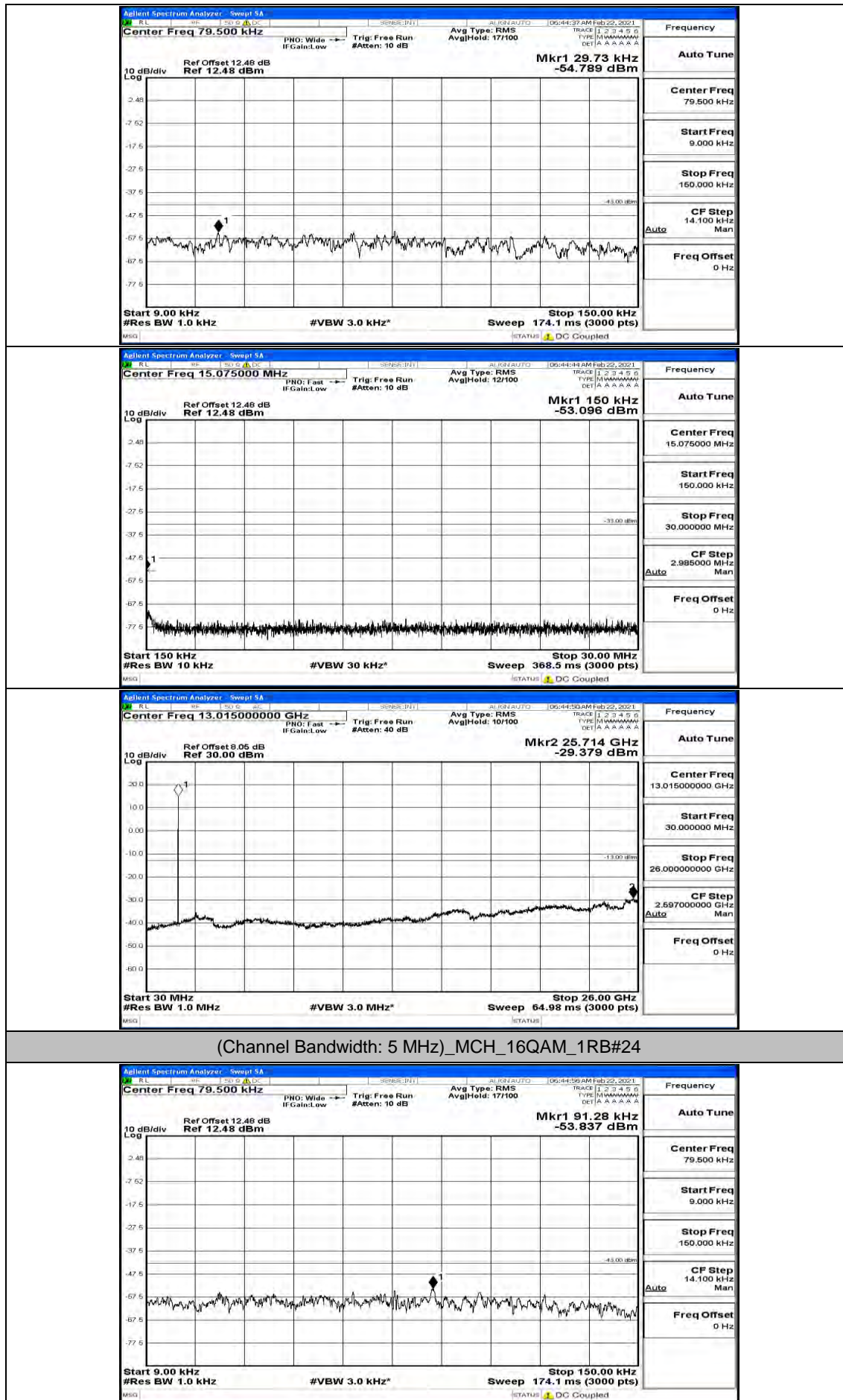


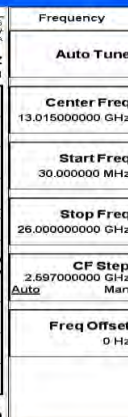
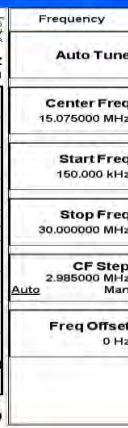


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0



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





Agilent Spectrum Analyzer - Sweet SA

Center Freq 79.500 kHz

Ref Offset 12.48 dB  
Ref 12.48 dBm

10 dBdiv  
Log

Start 9.00 kHz  
#Res BW 1.0 kHz

#VBW 3.0 kHz\*

Stop 150.00 kHz  
Sweep 174.1 ms (3000 pts)

Mkr1 84.13 kHz  
-55.315 dBm

Frequency

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.000 kHz

Stop Freq 150.000 kHz

CF Step 14.100 kHz  
Auto

Freq Offset 0 Hz

Trace 1 2 3 4 5 6  
Type AAAAAA  
Det A A A A A A

Source [P1]

Auto Auto

06:46:15 AM Feb 22, 2021

PHO: Wide →  
IF Gain: Low

Trig: Free Run  
#Acq: 10 dB

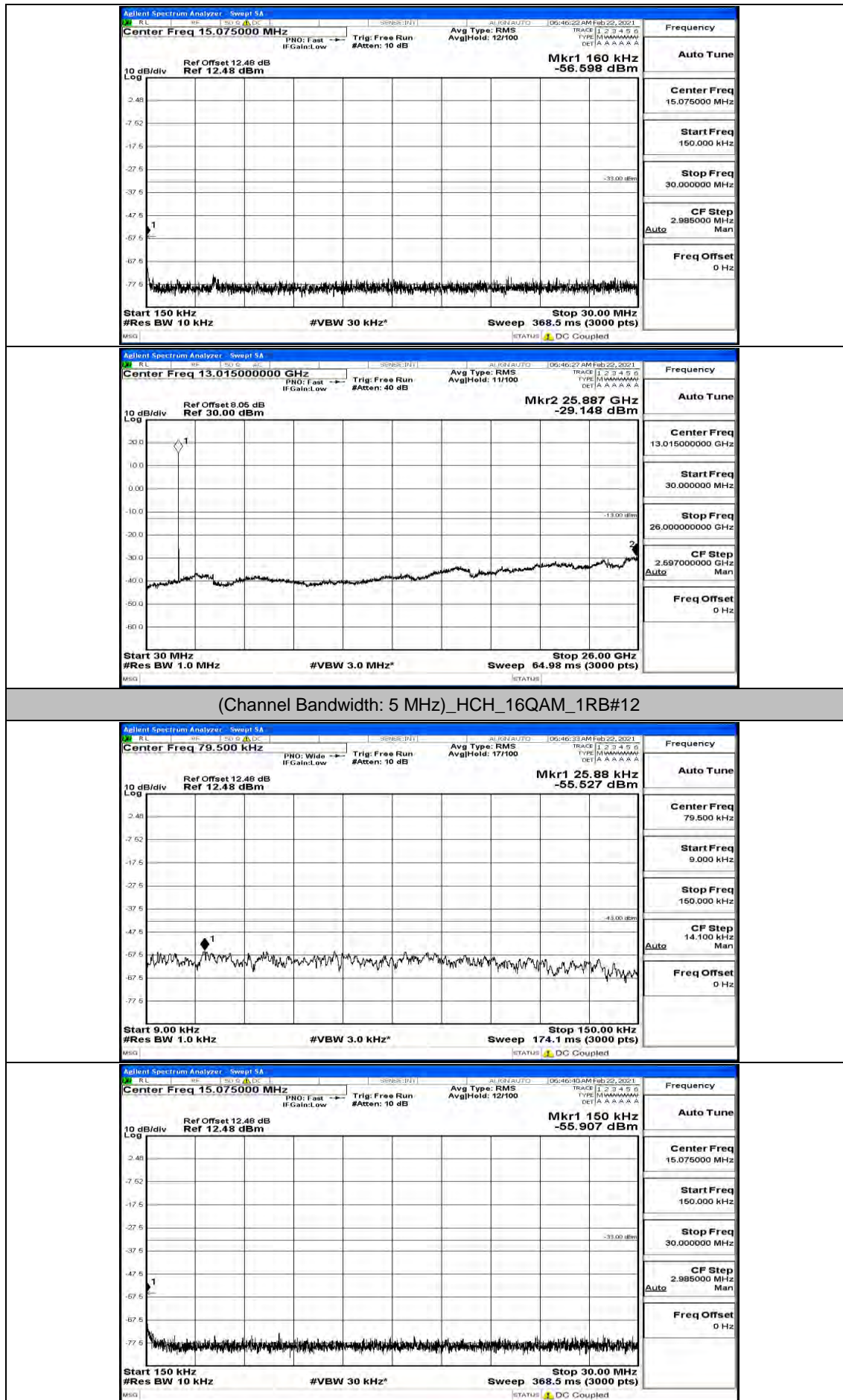
Avg Type: RMS  
Avalg Hold: 17/100

45.00 dBm

MSO

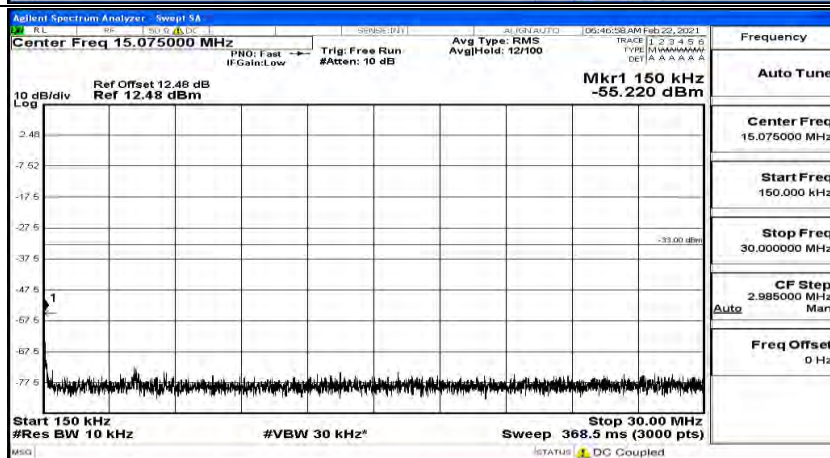
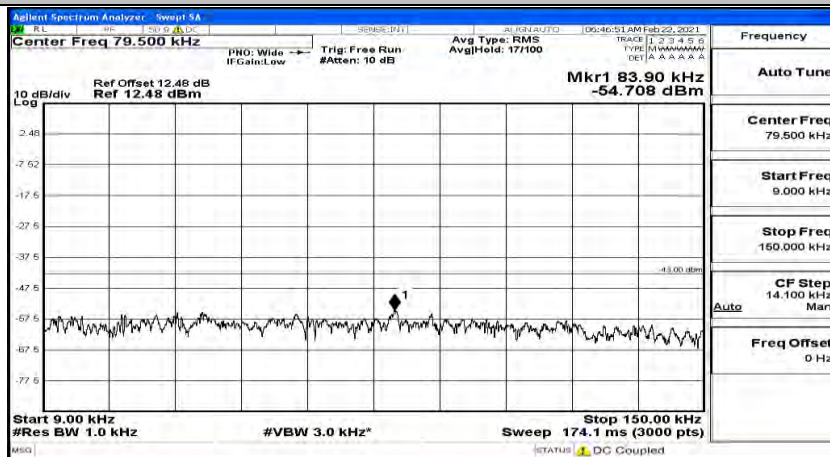
STATUS DC Coupled



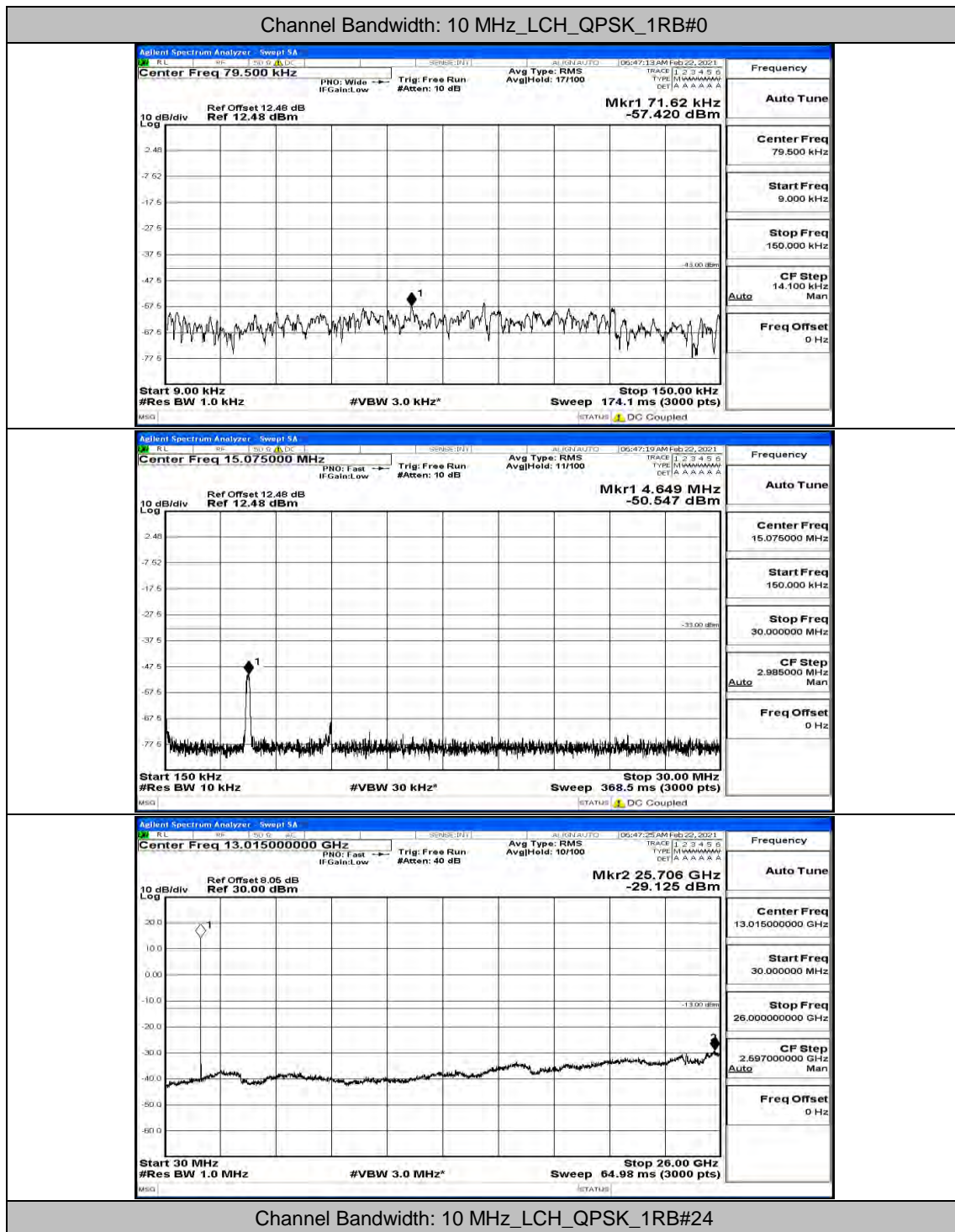




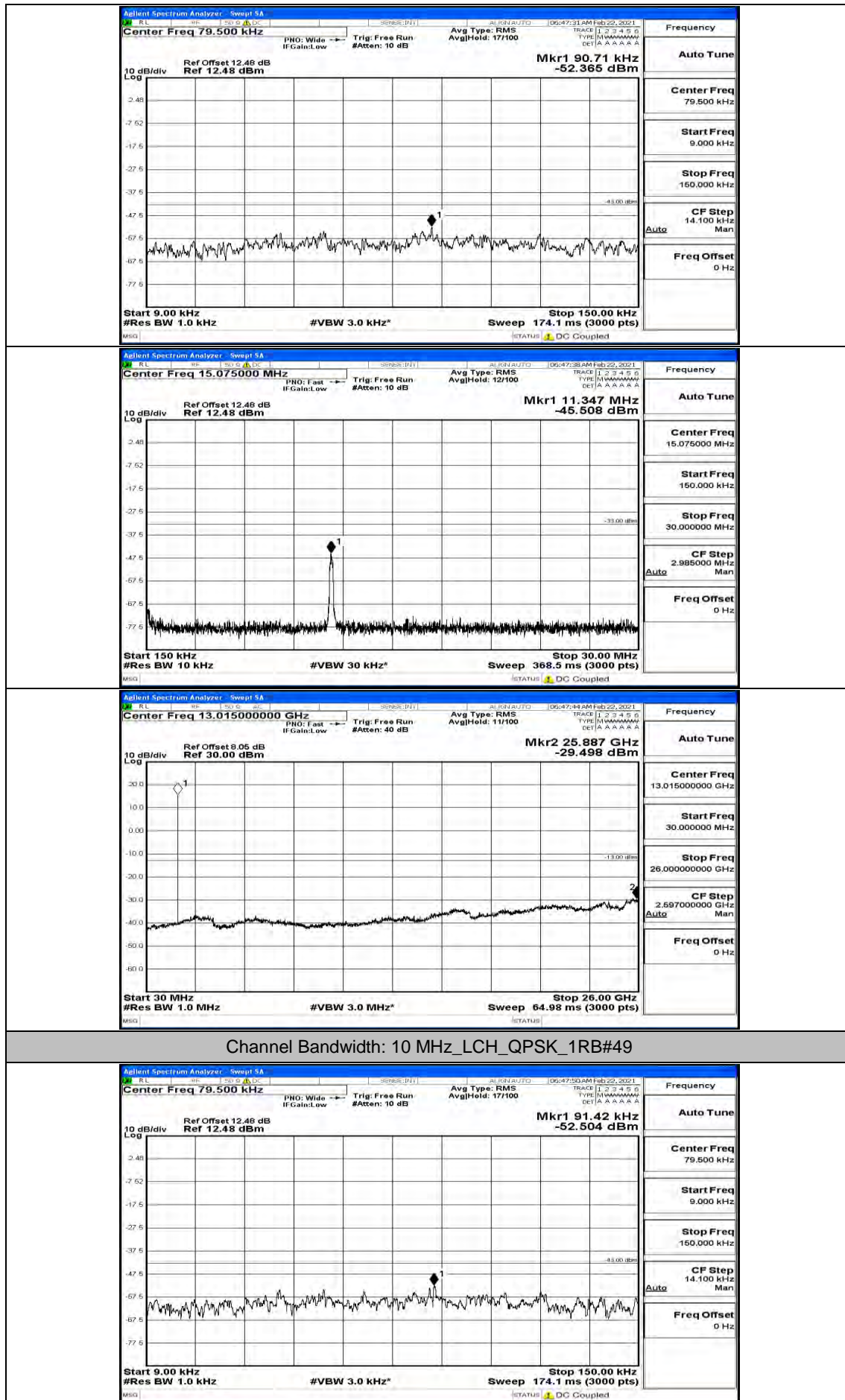
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24

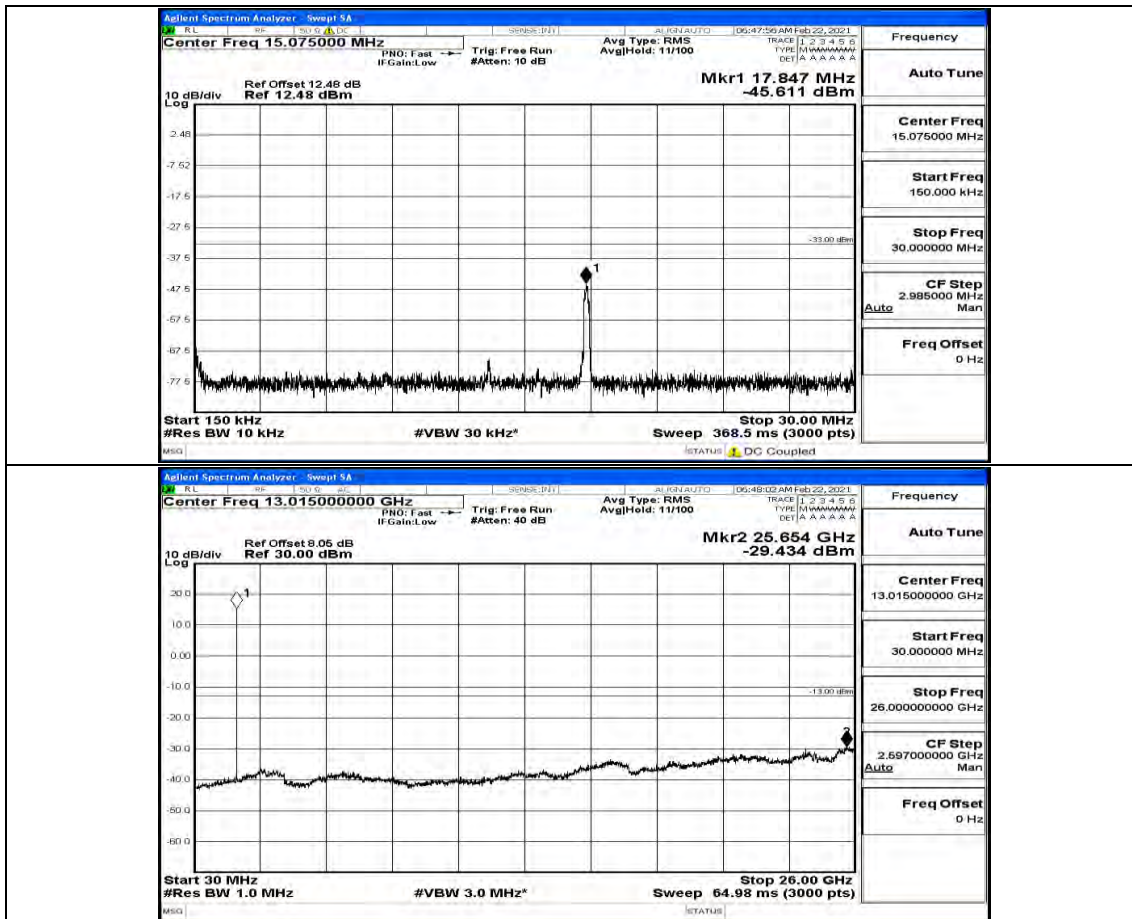


## Channel Bandwidth: 10 MHz

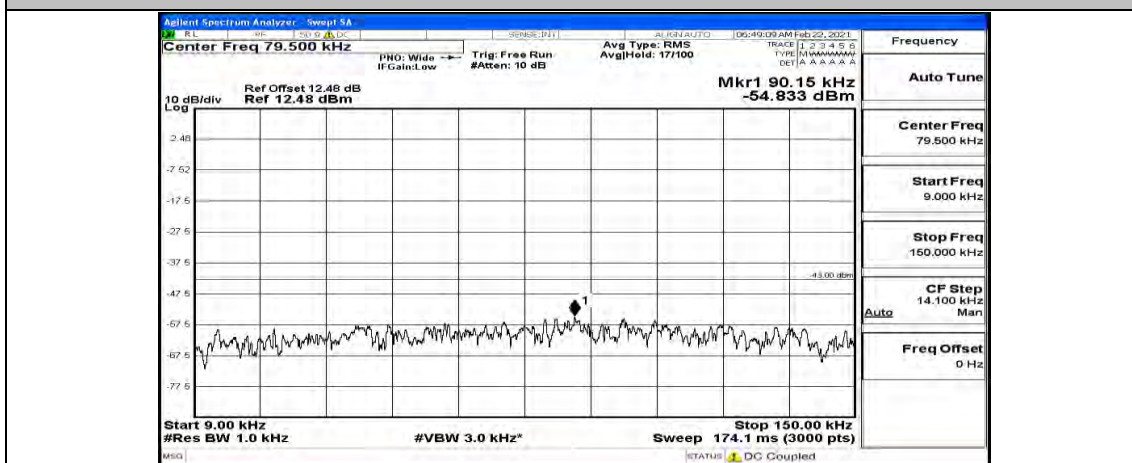


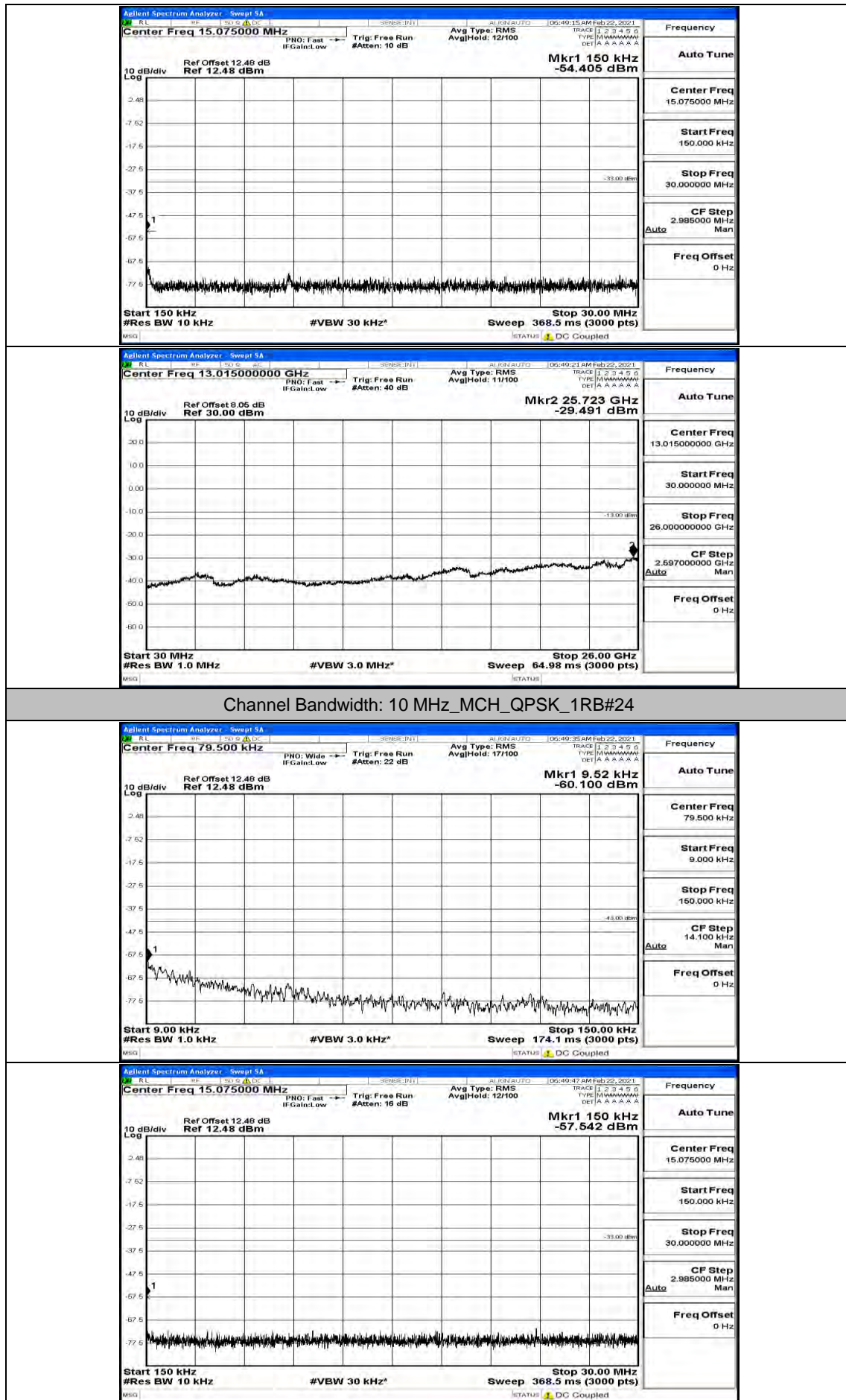




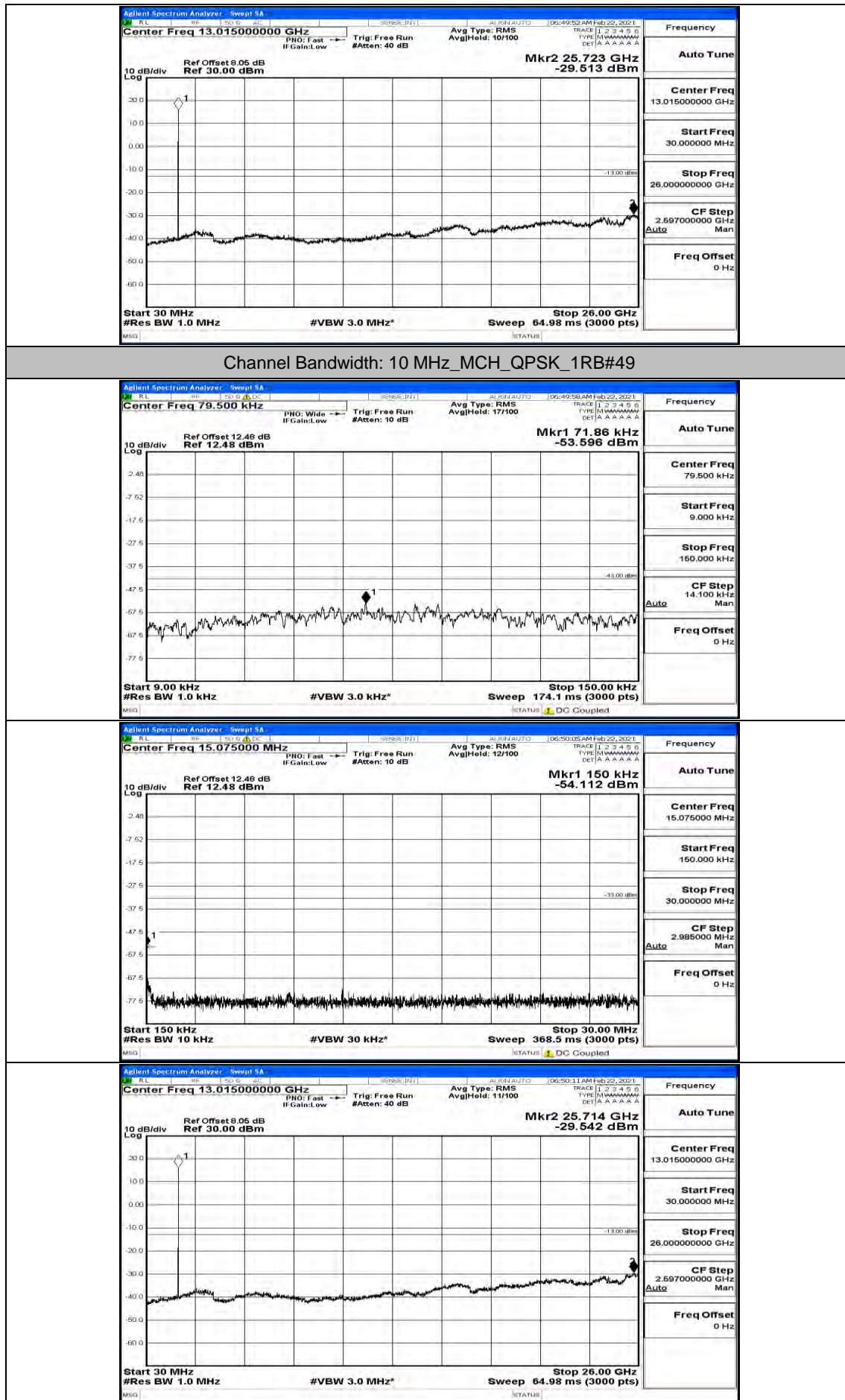


## Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

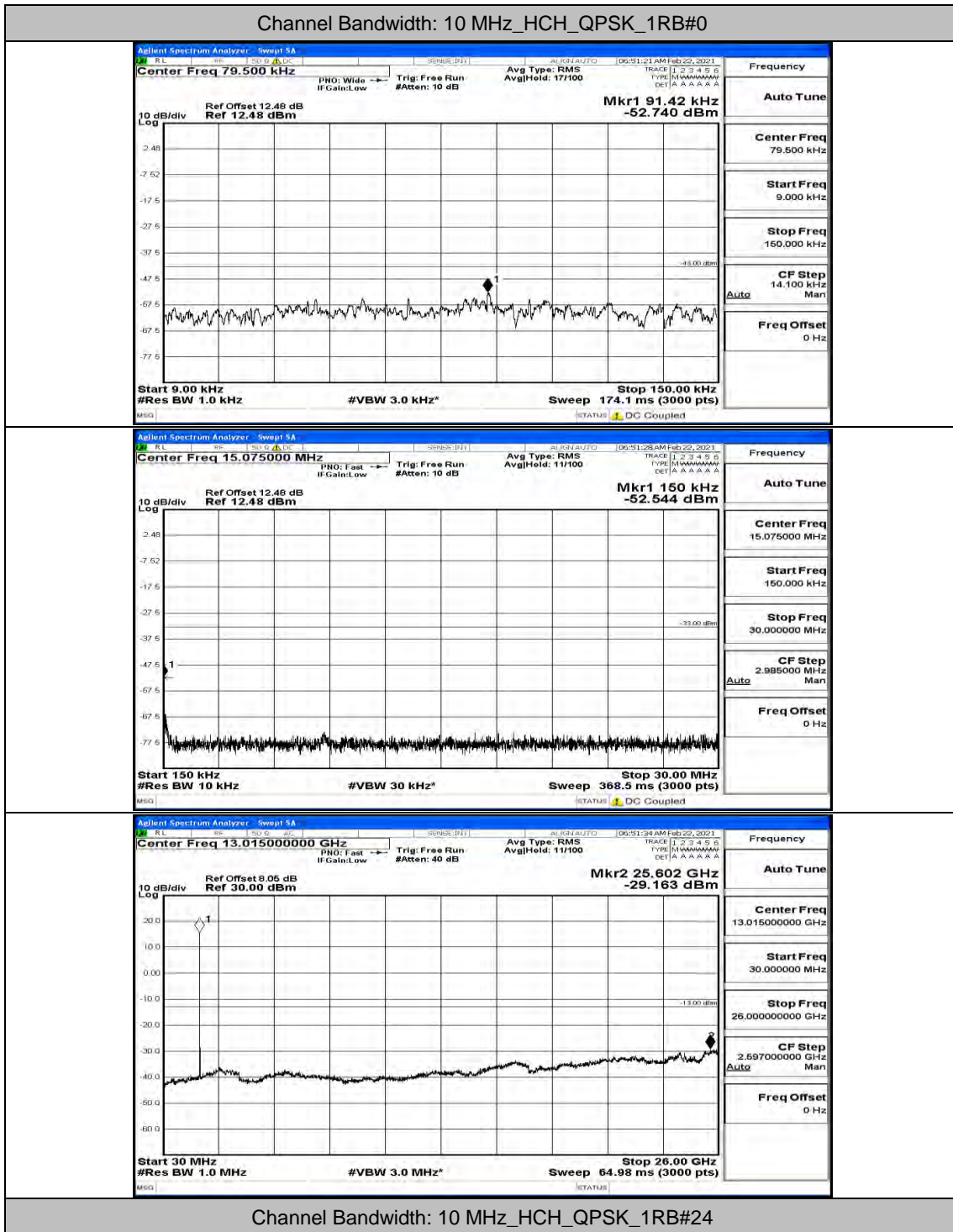


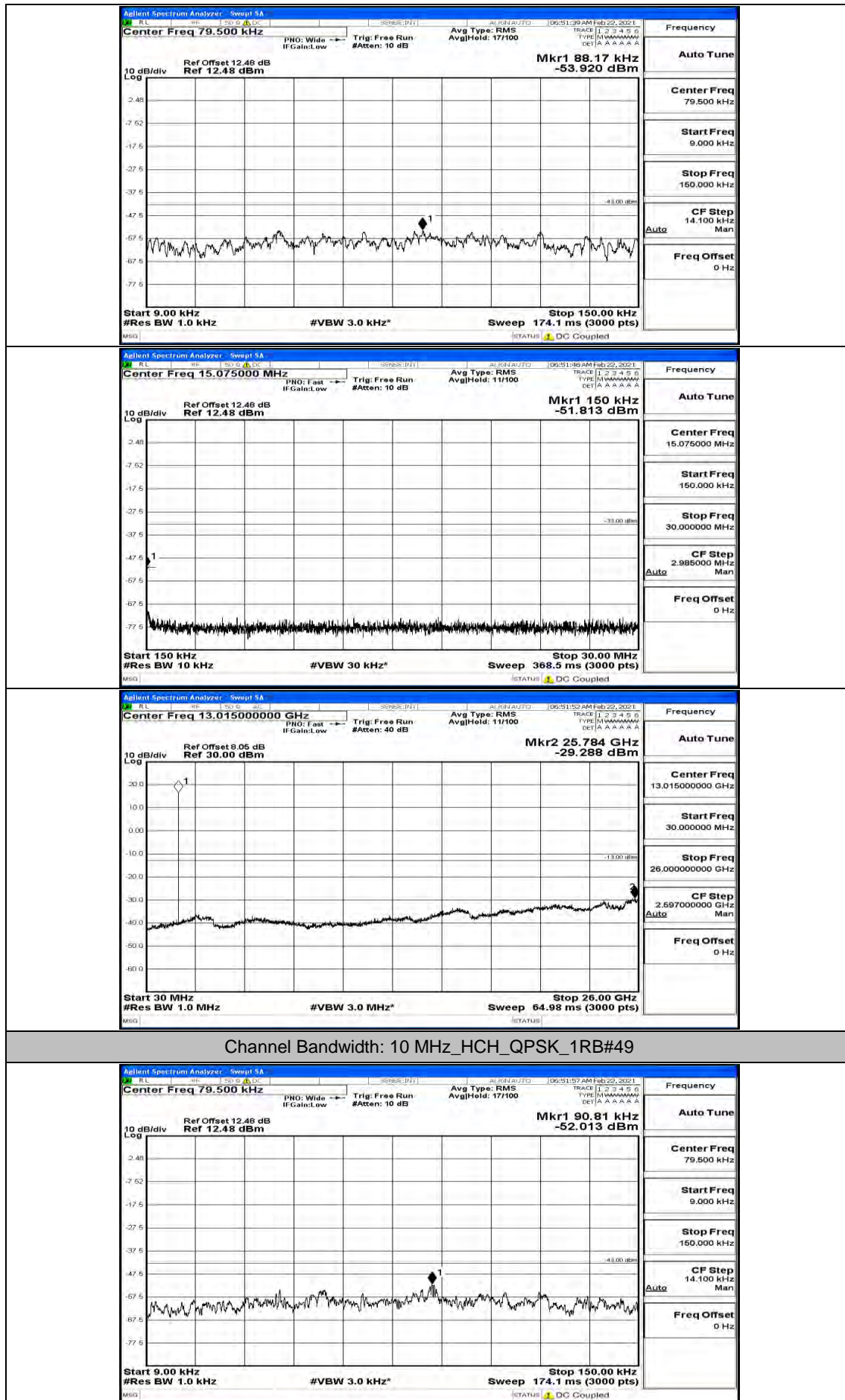




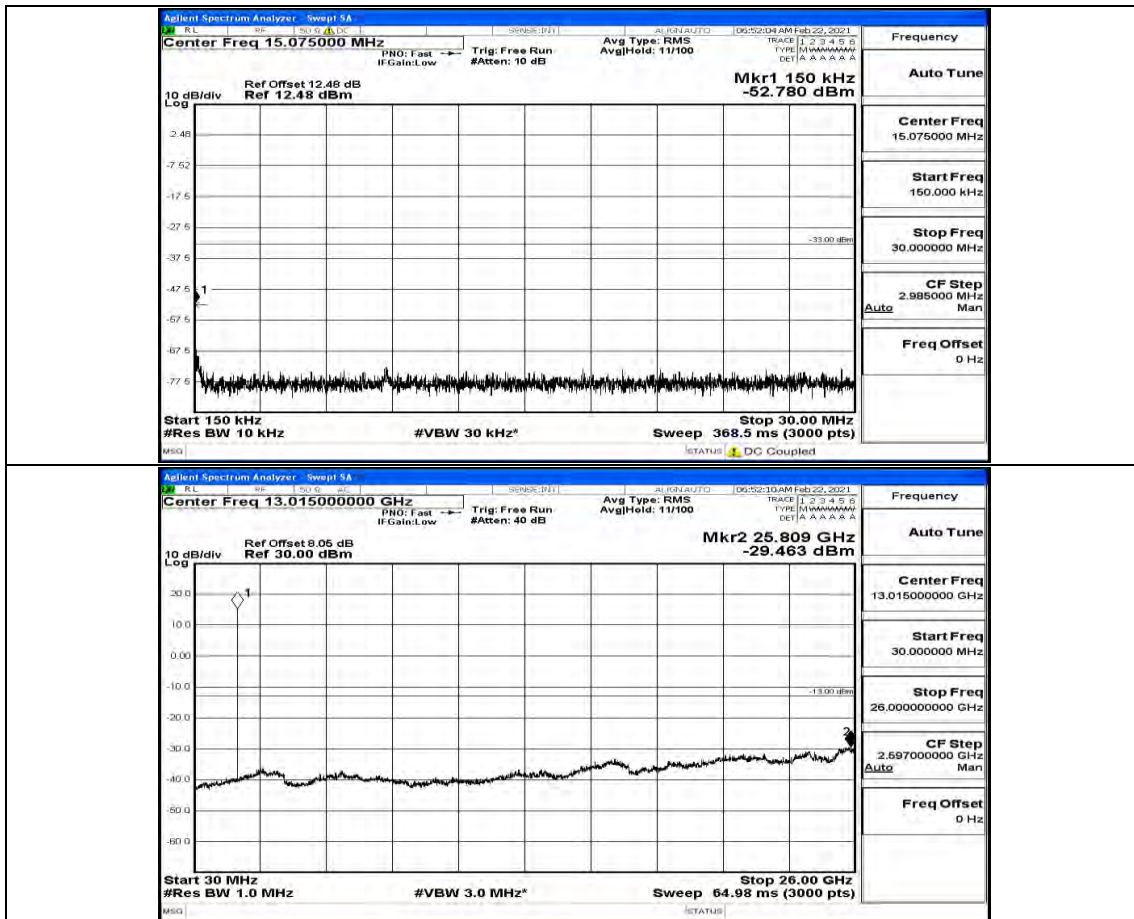


## Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0

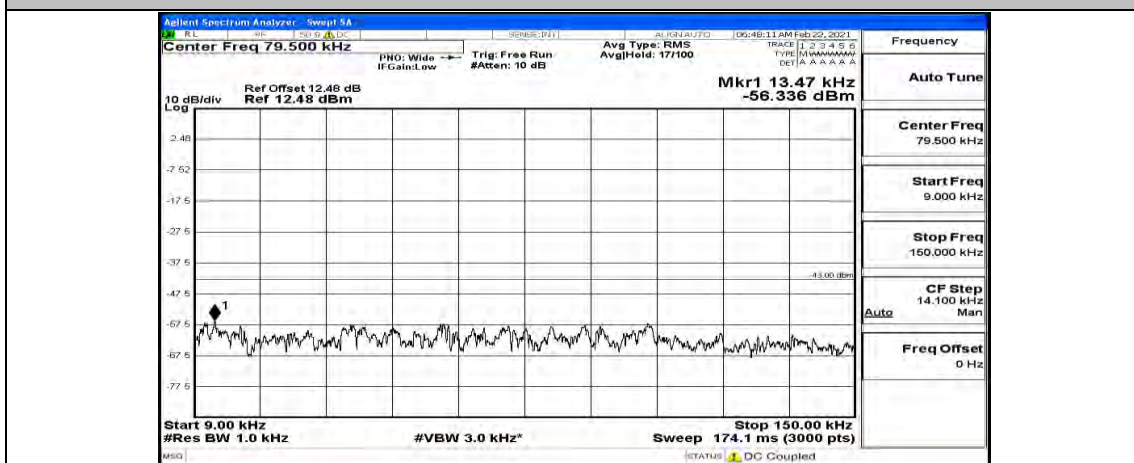


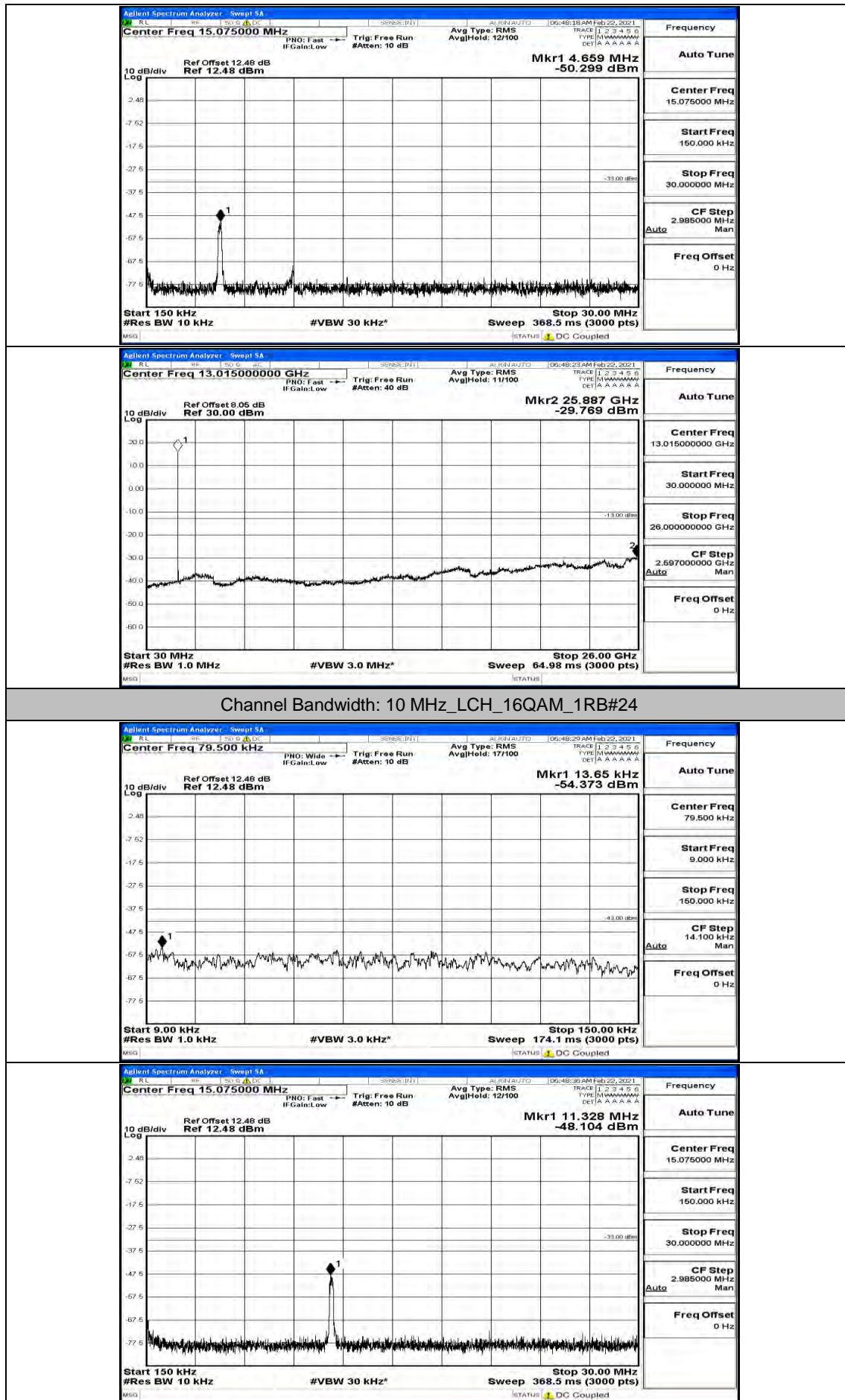


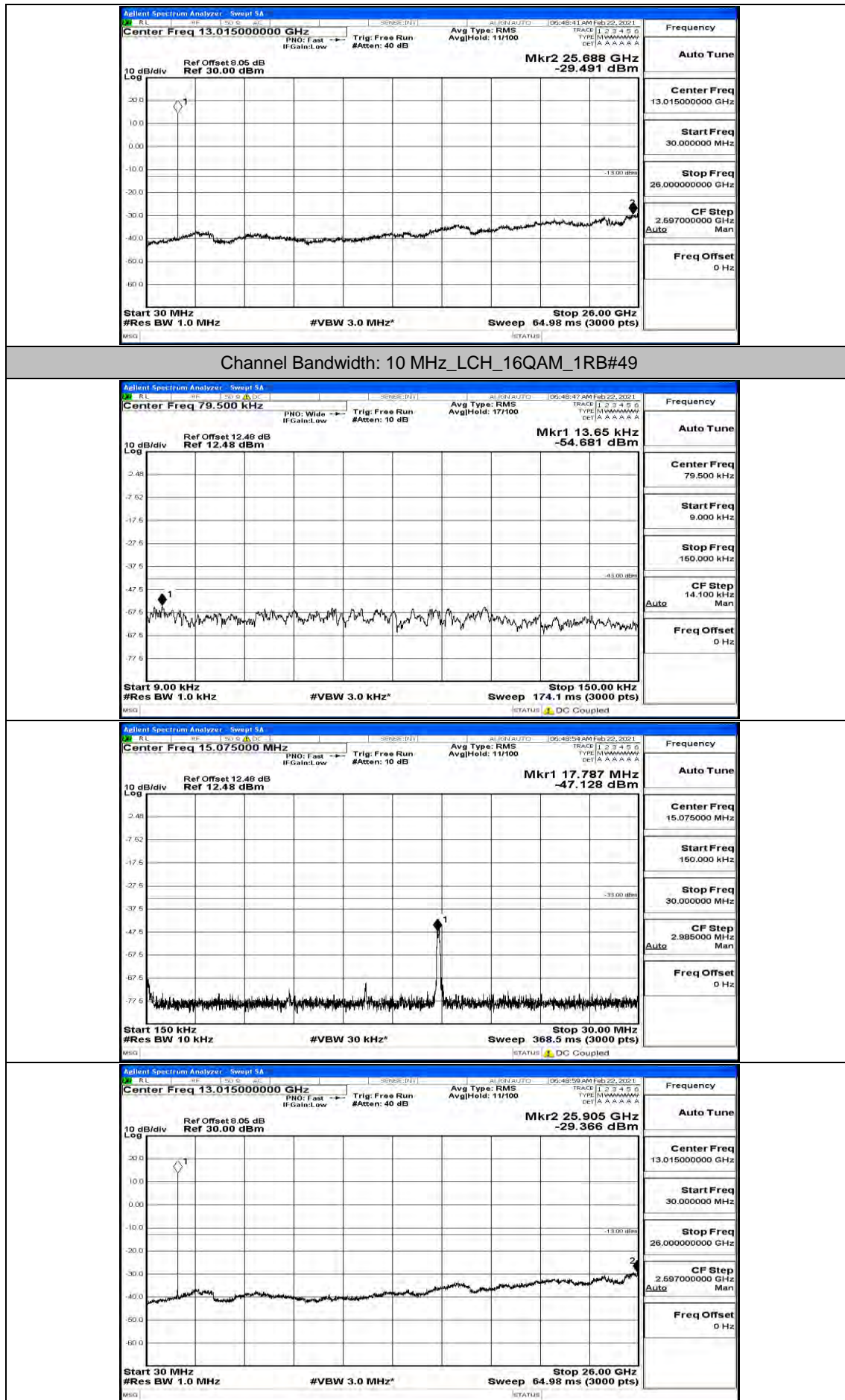




## Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0

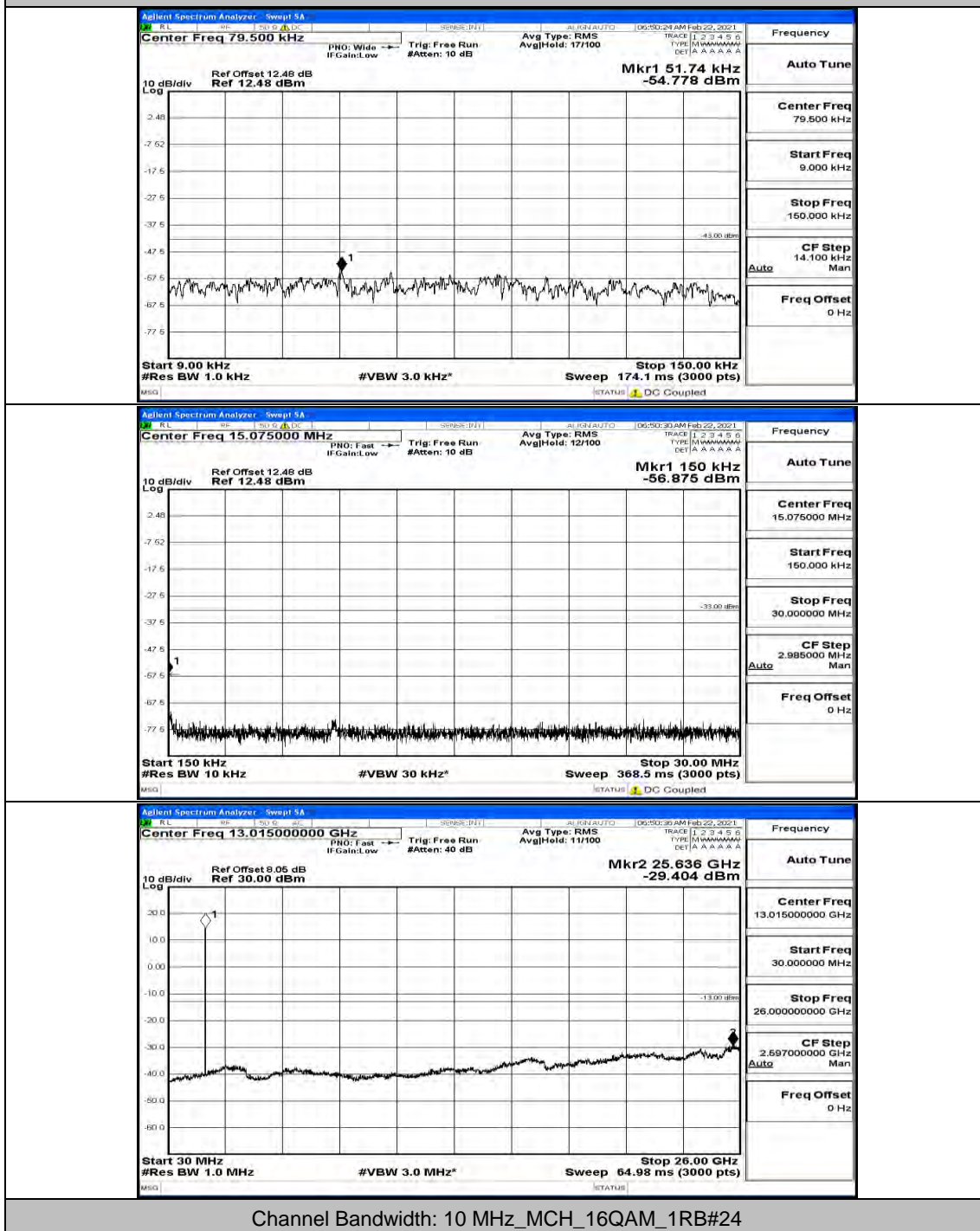


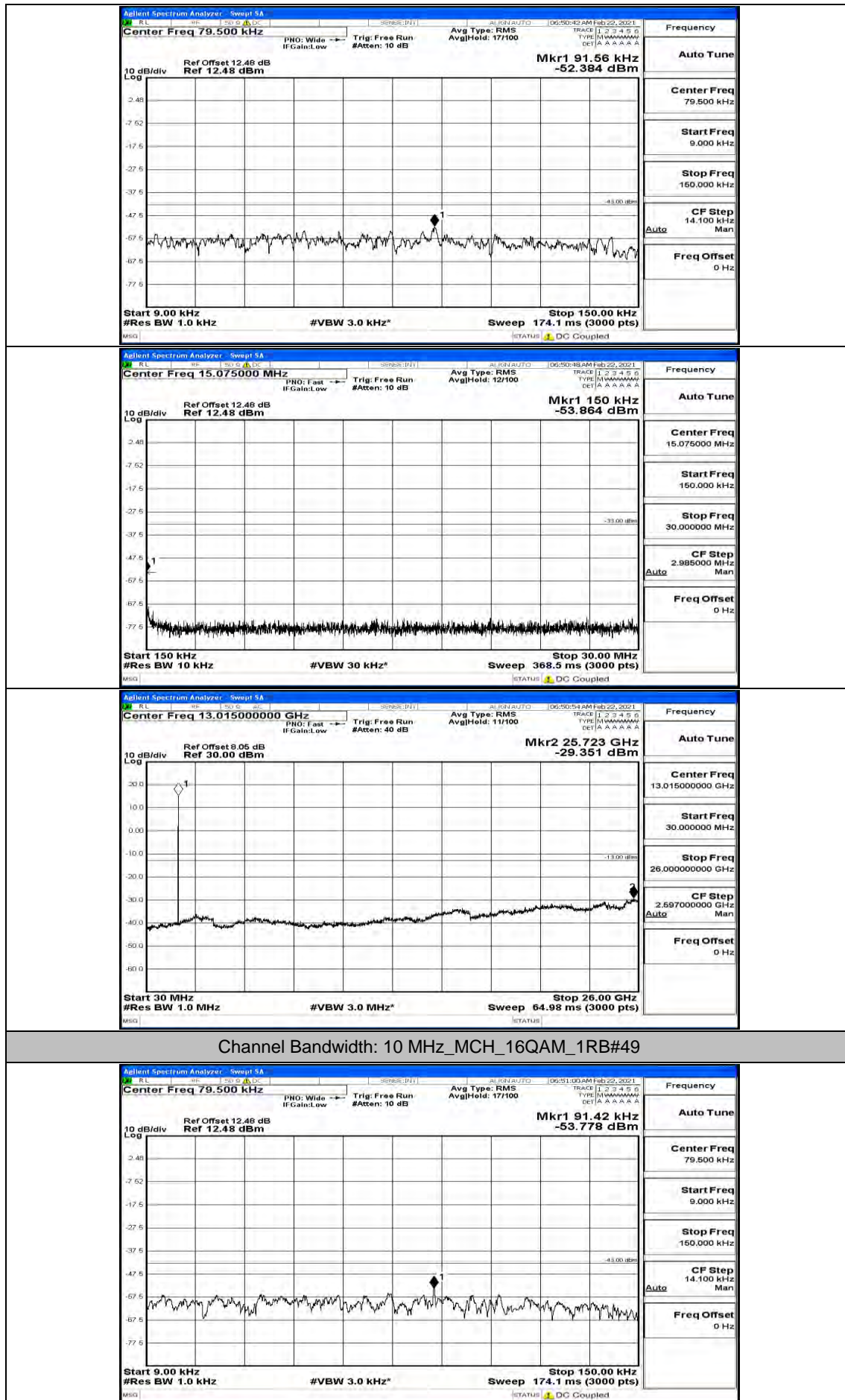


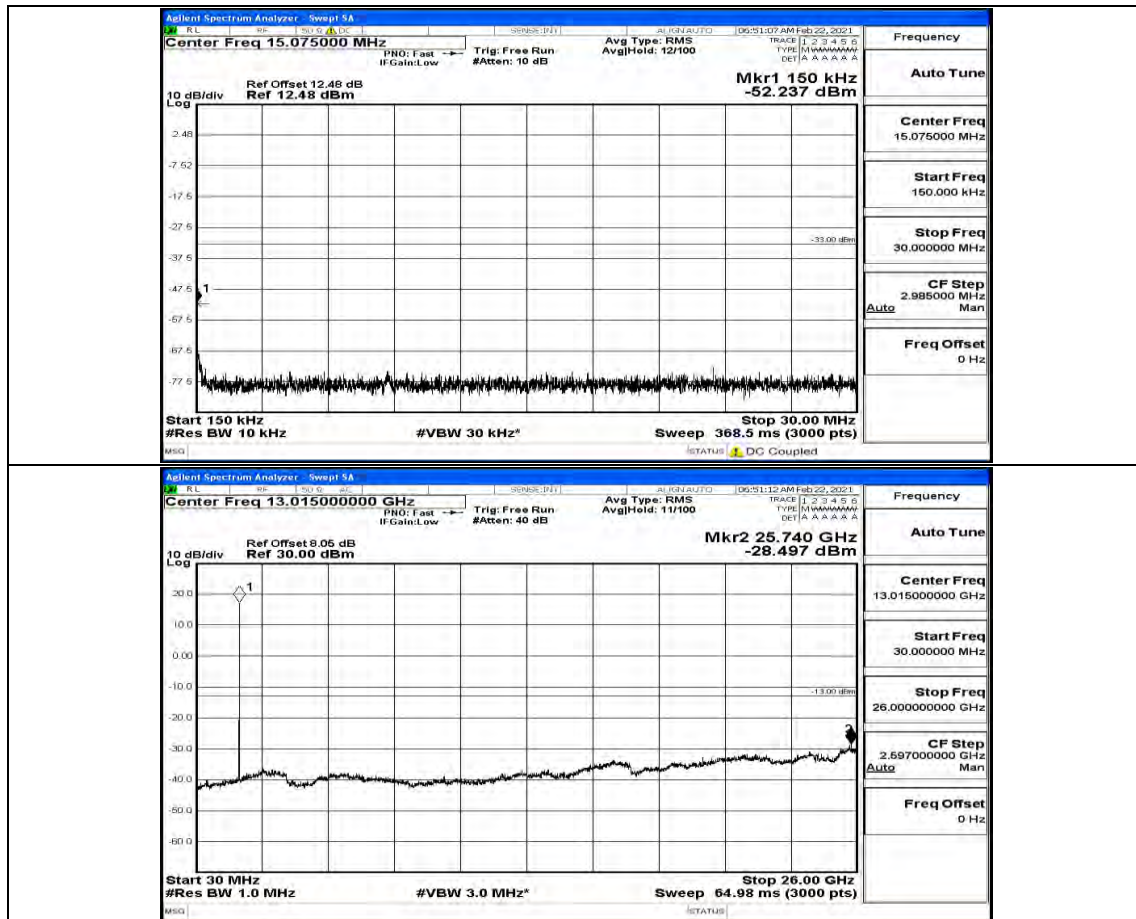




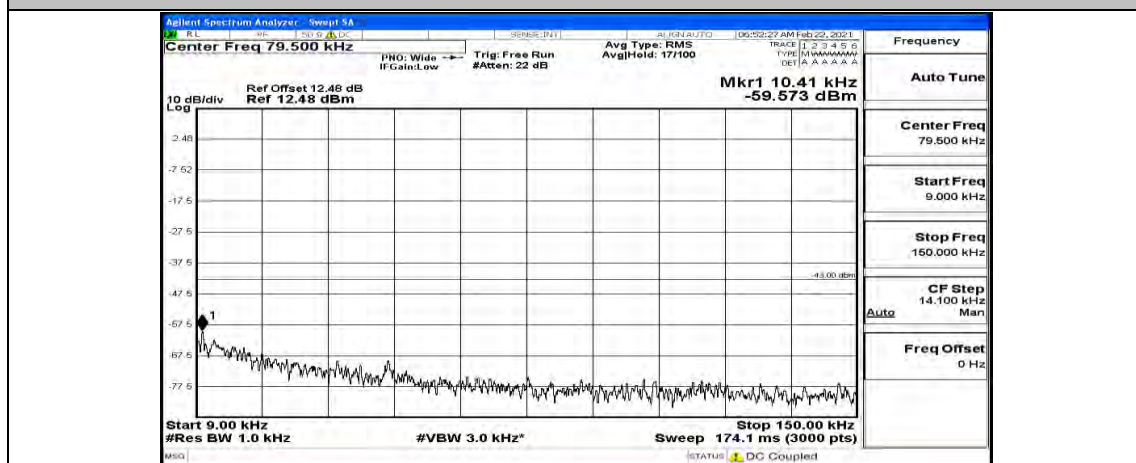
## Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



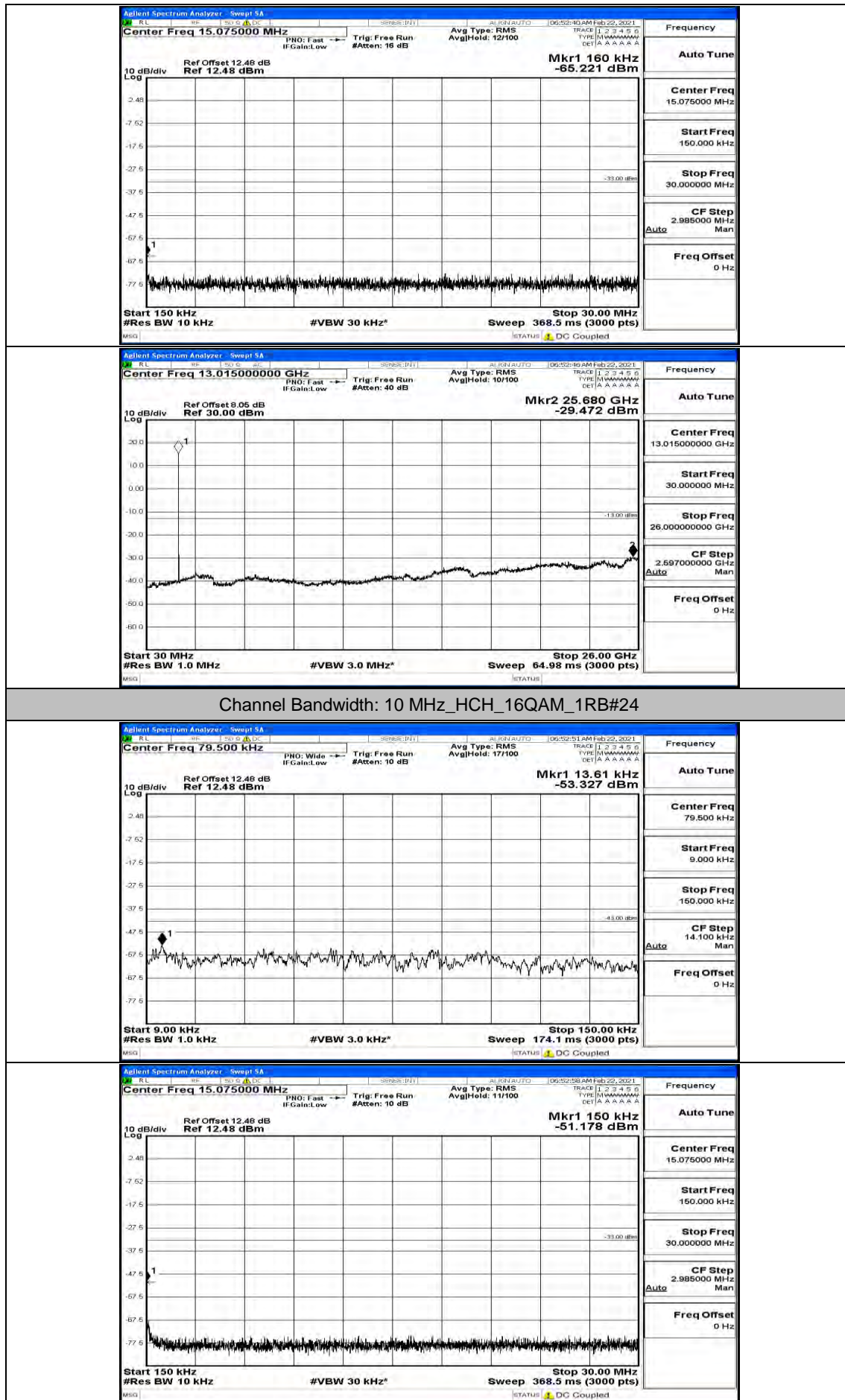


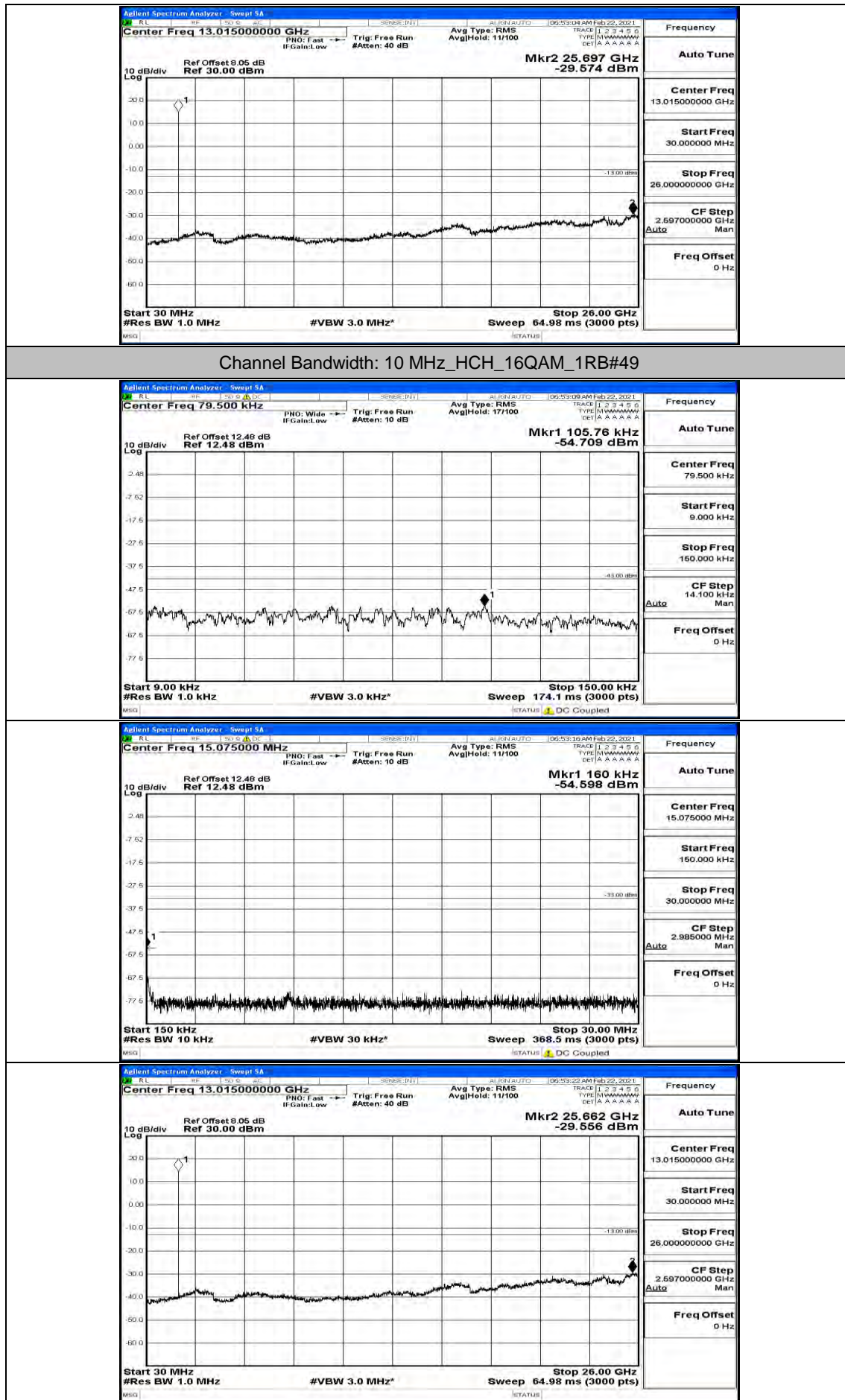


## Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



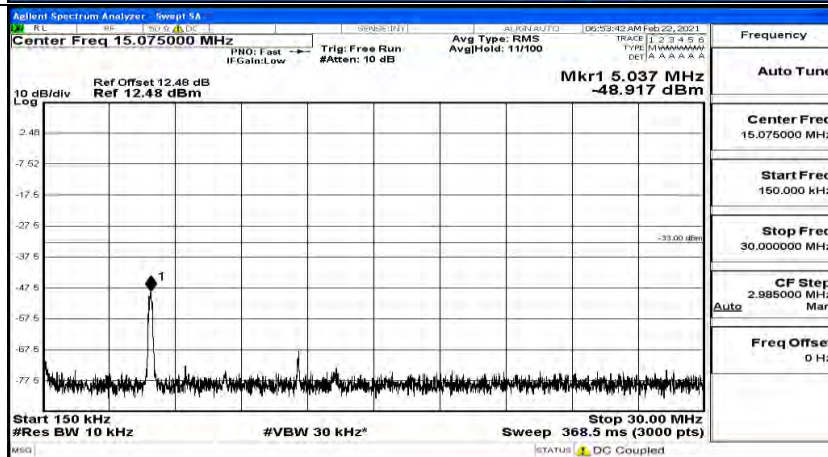
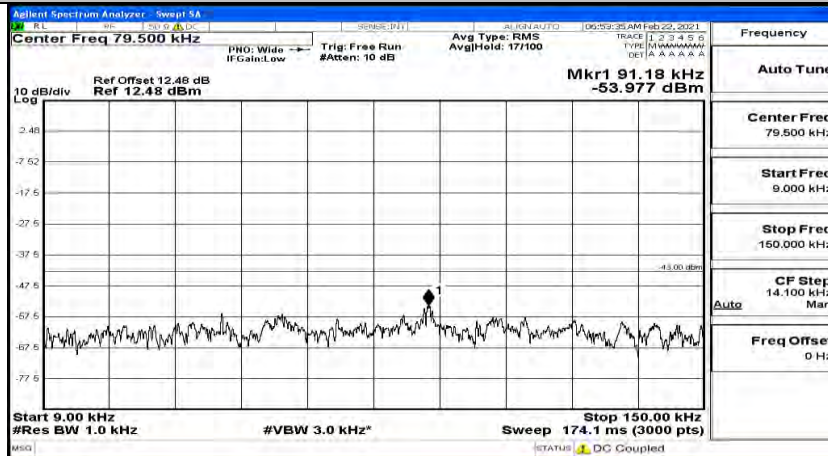






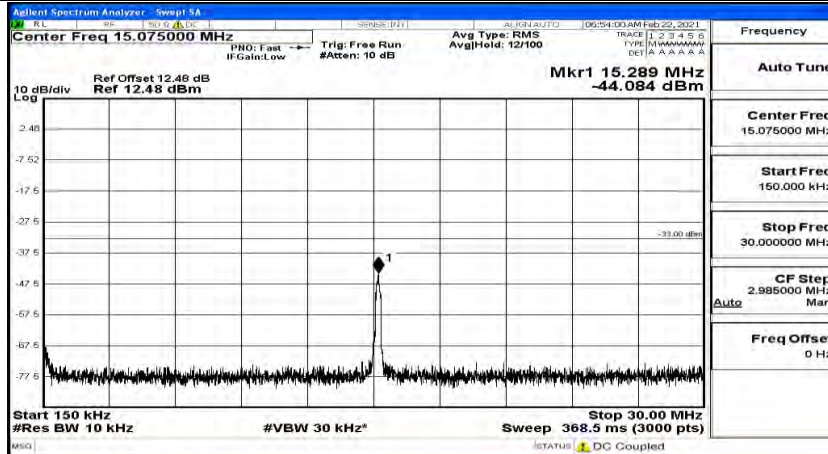
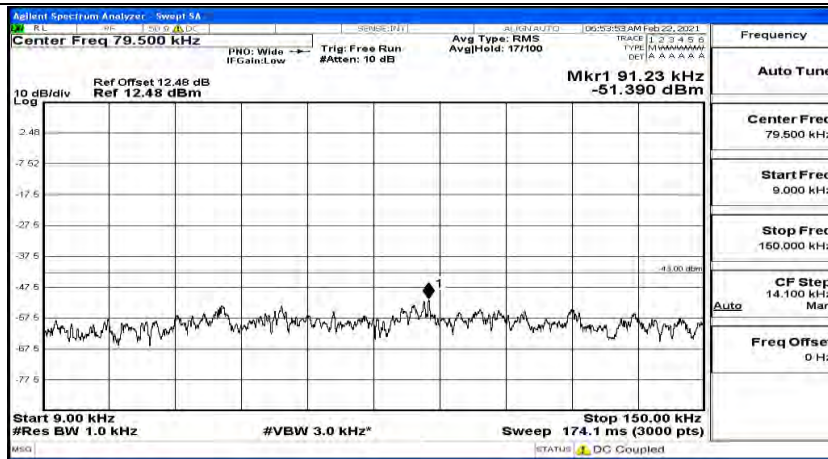
## Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#0

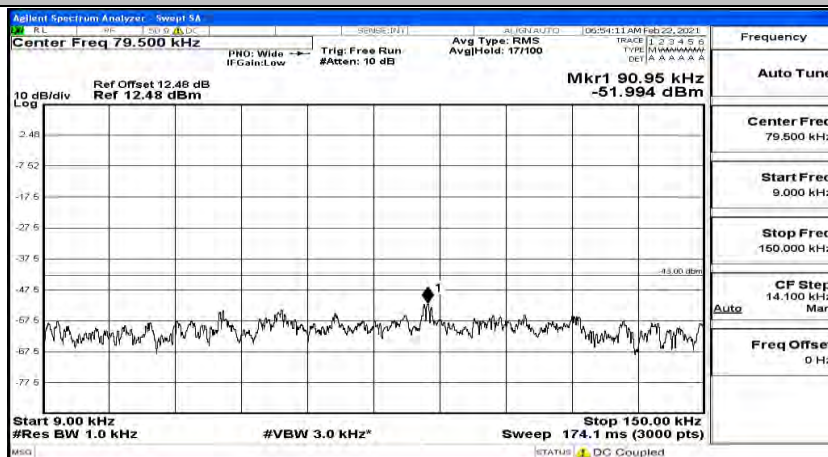


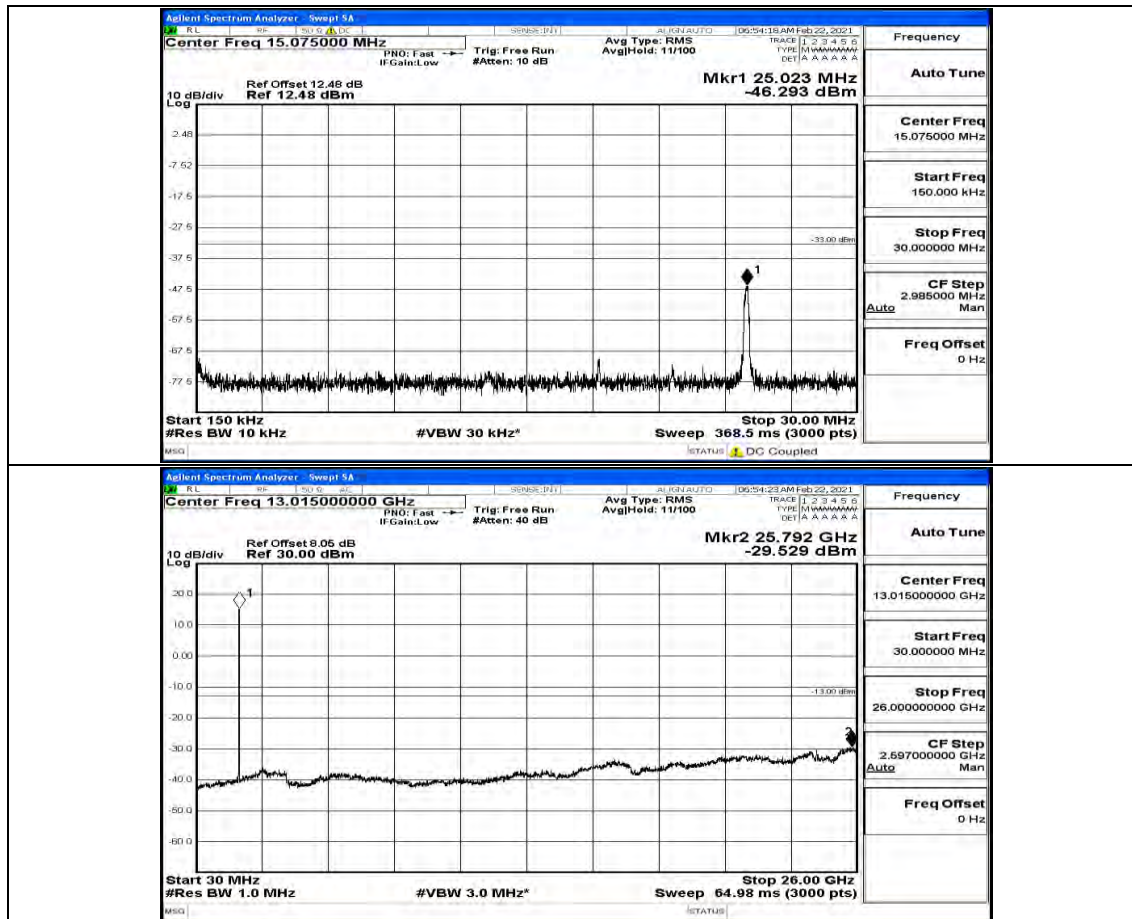
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#37



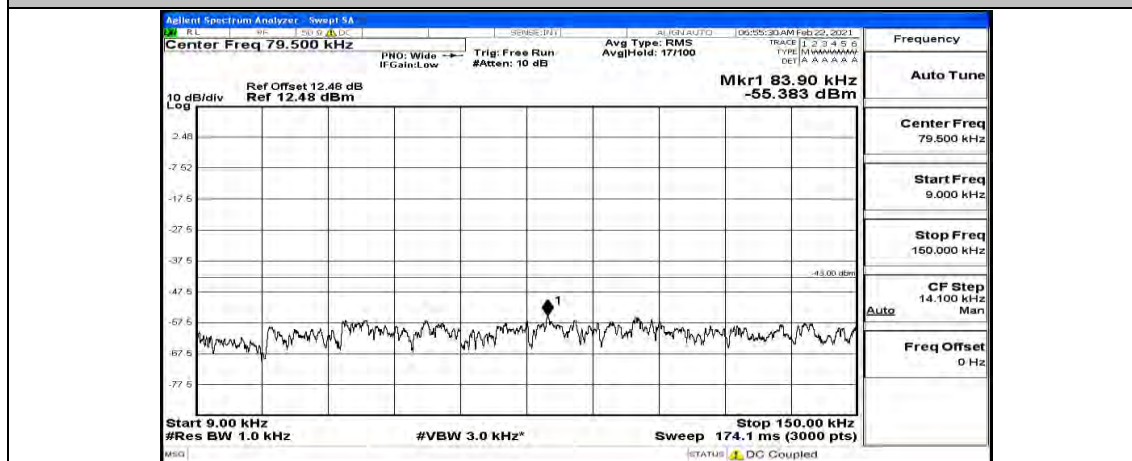


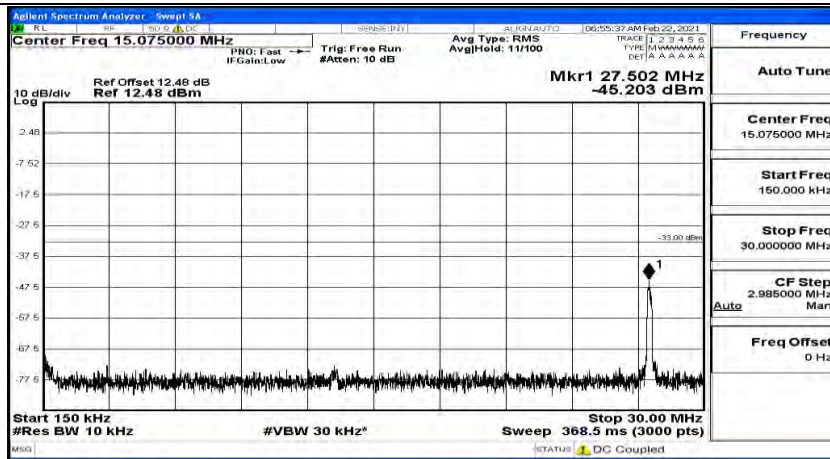
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_1RB#74



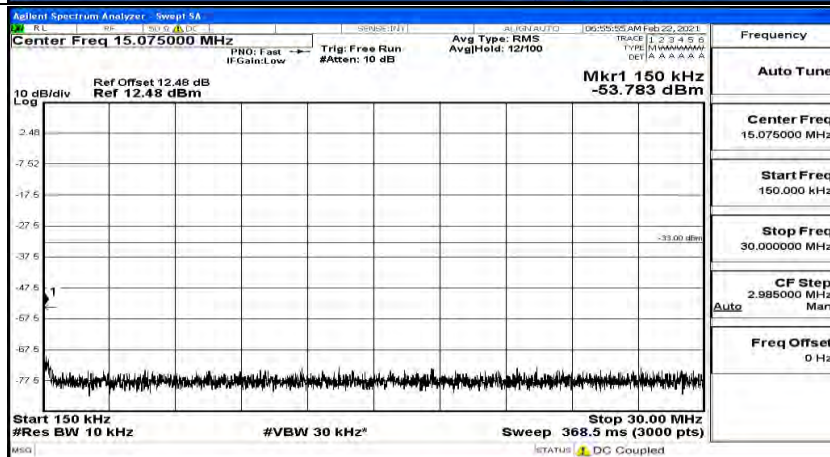
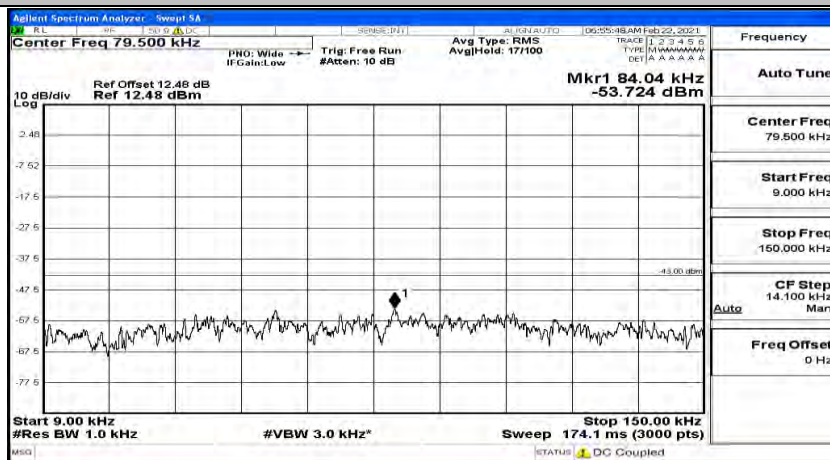


(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#0

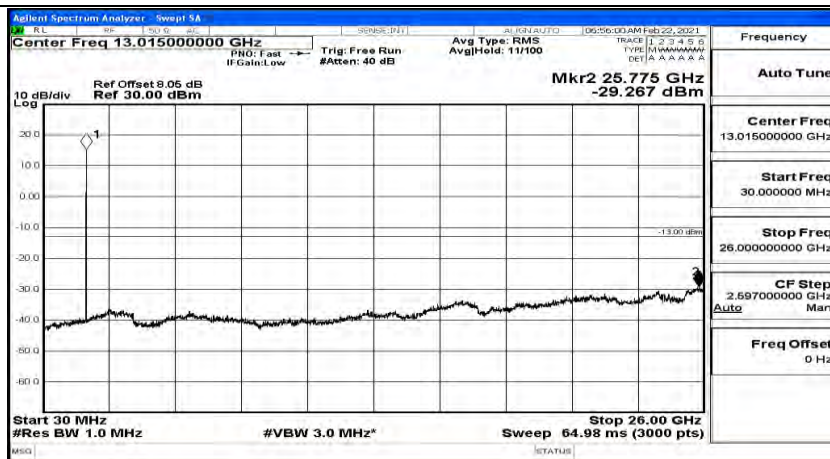




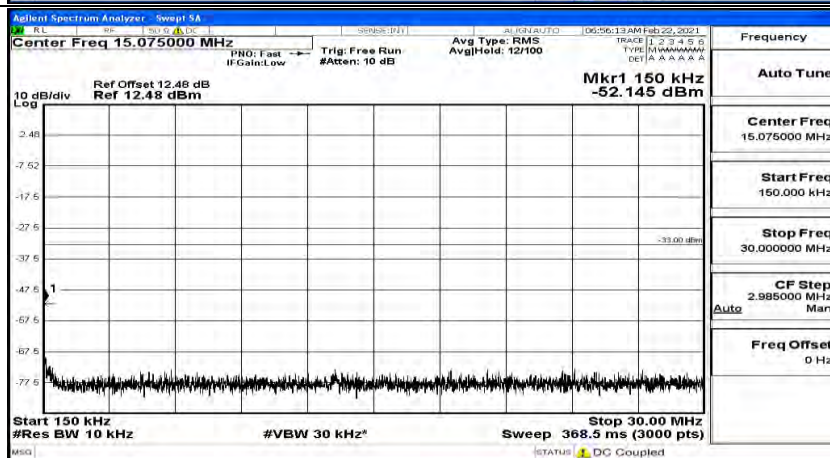
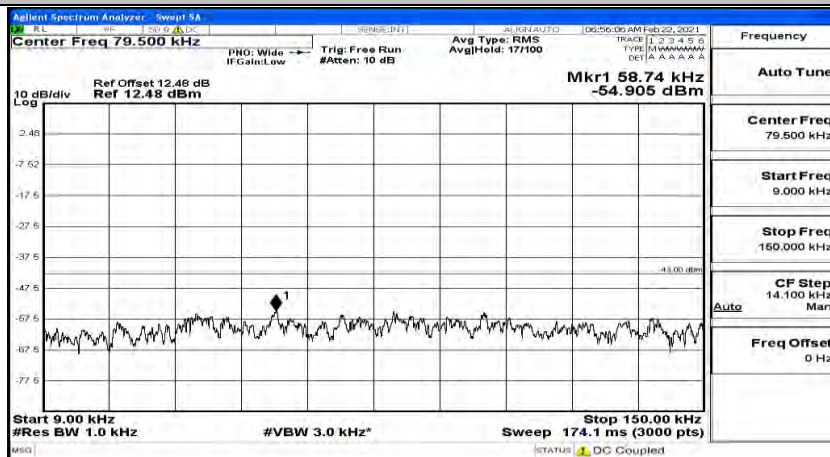
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#37



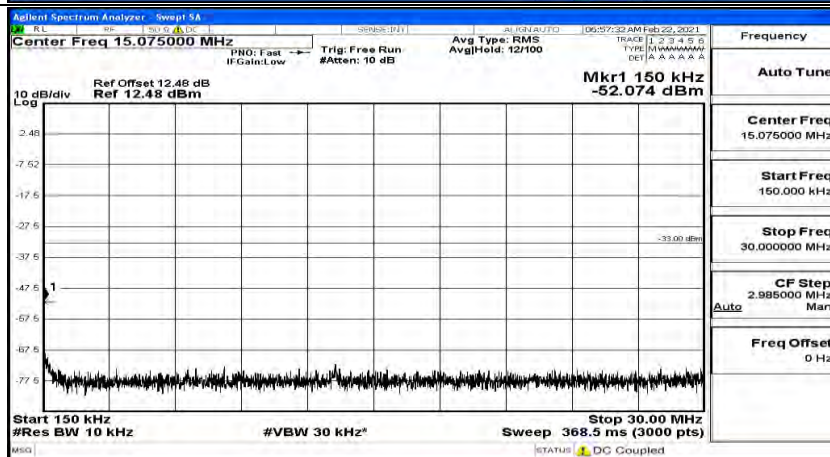
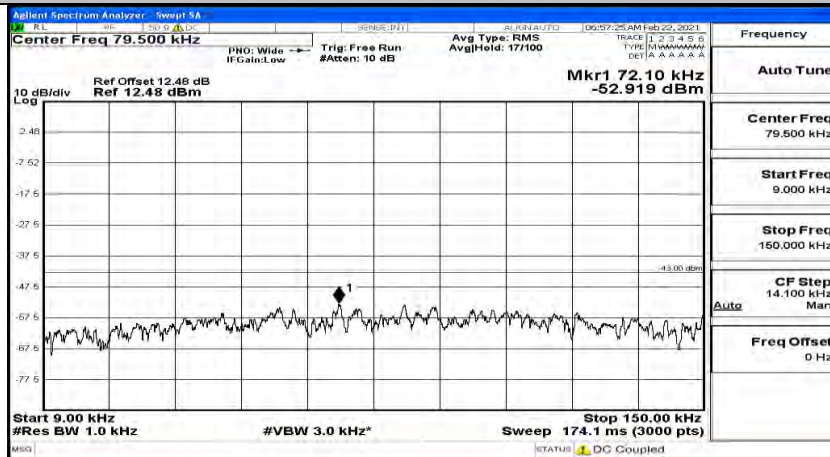




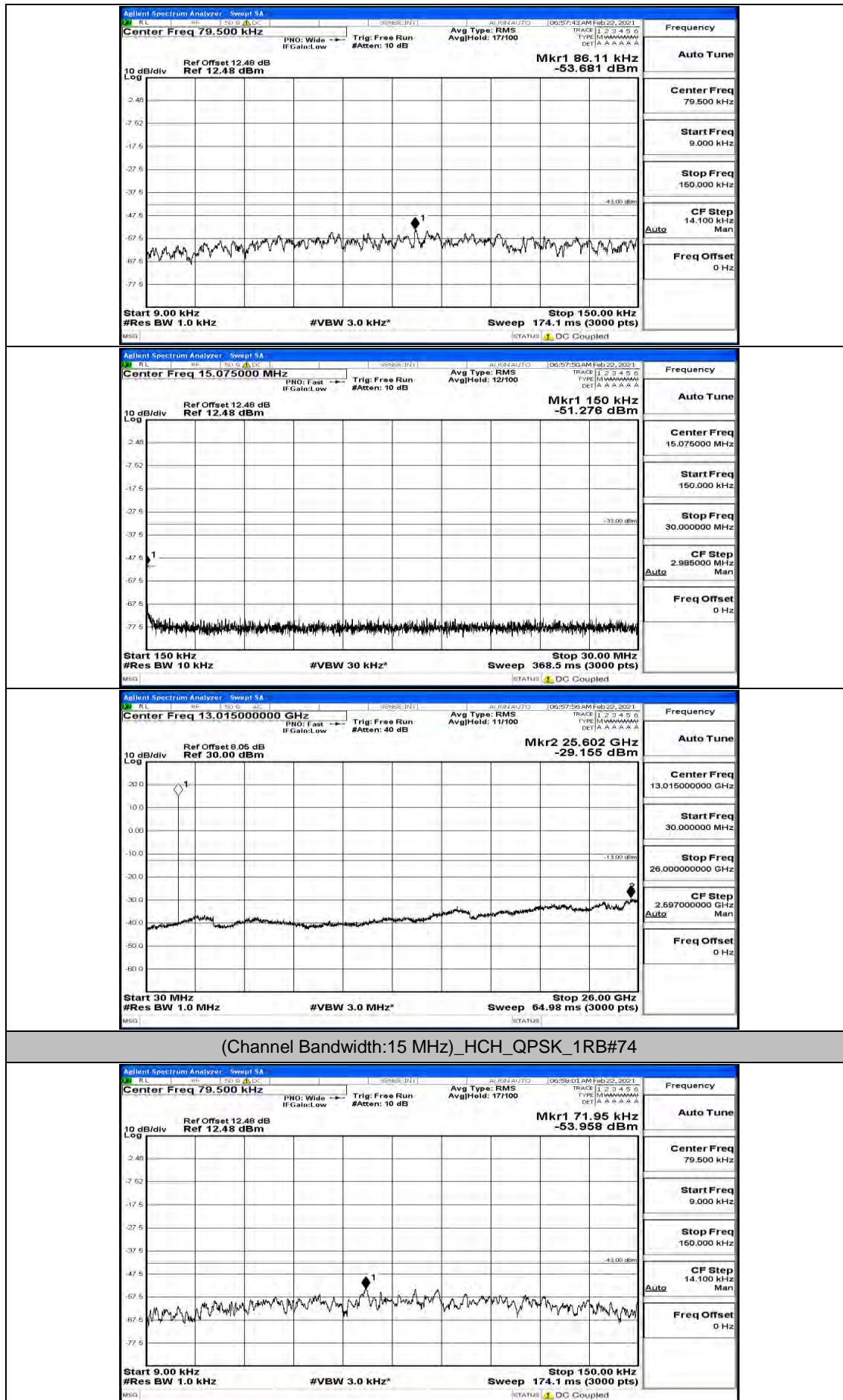
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_1RB#74



## (Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#0



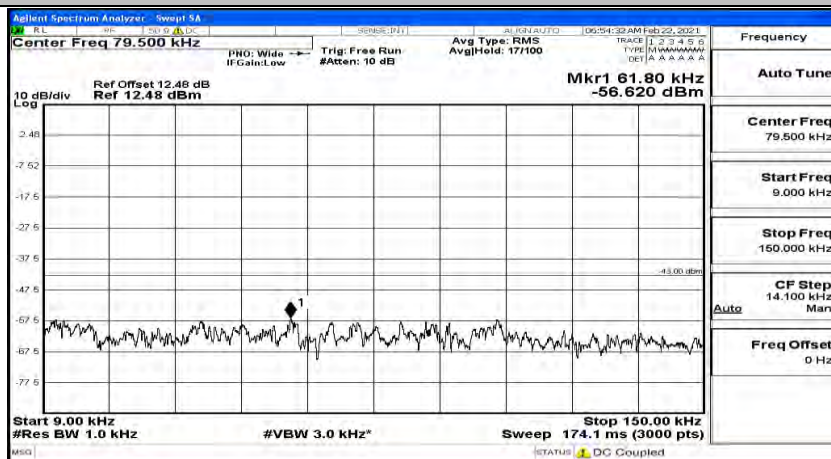
## (Channel Bandwidth:15 MHz)\_HCH\_QPSK\_1RB#37

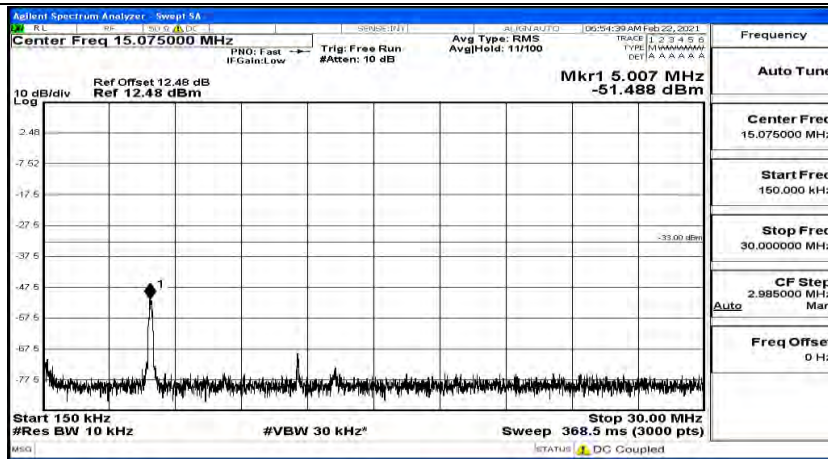




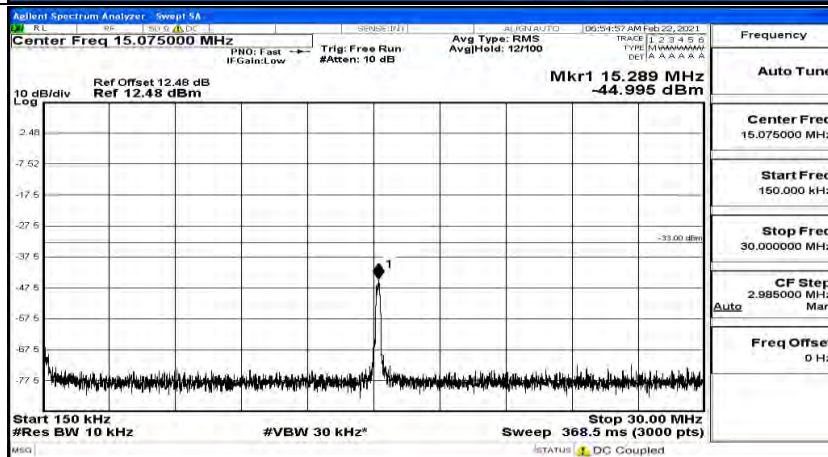
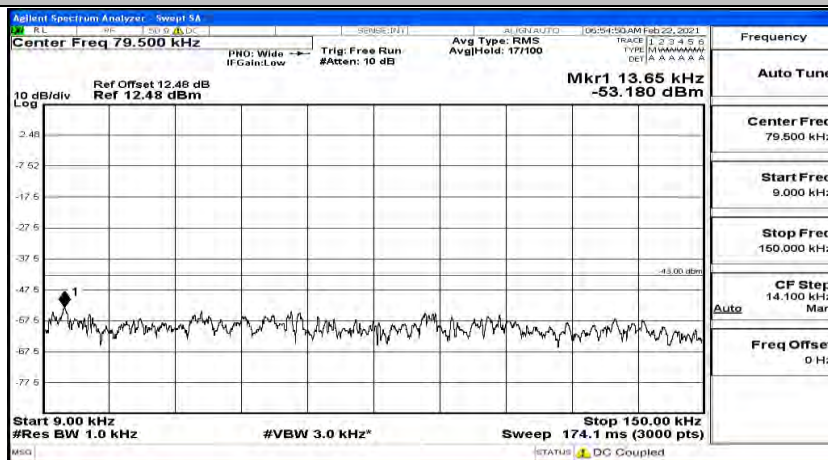


(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#0



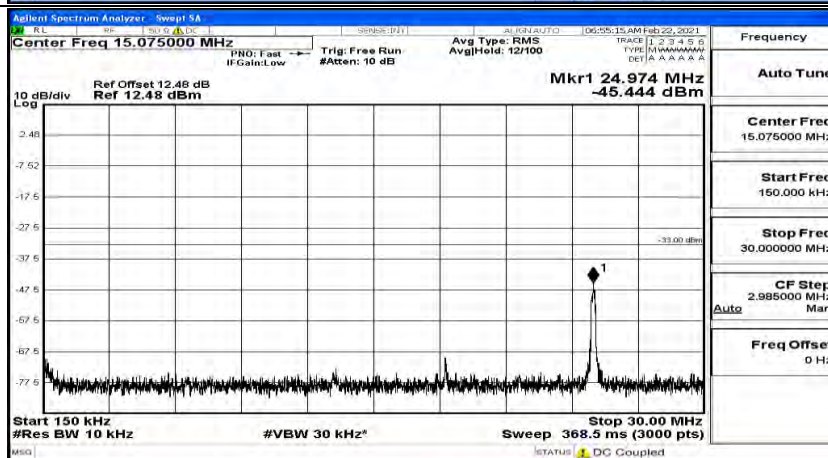
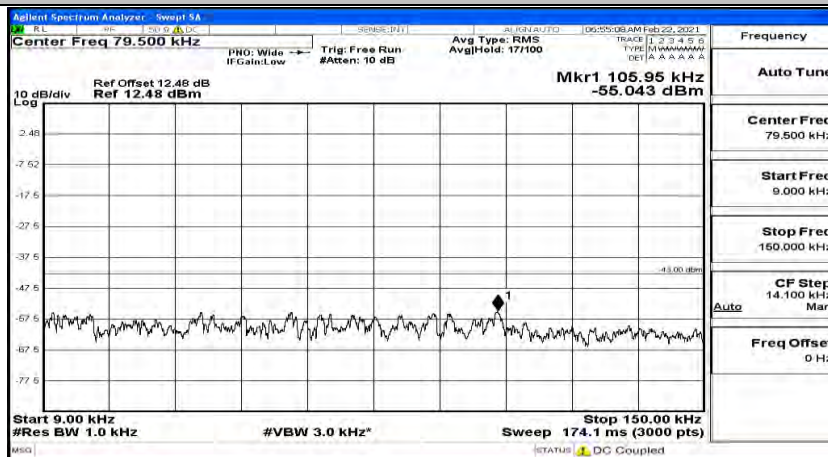


(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_1RB#37



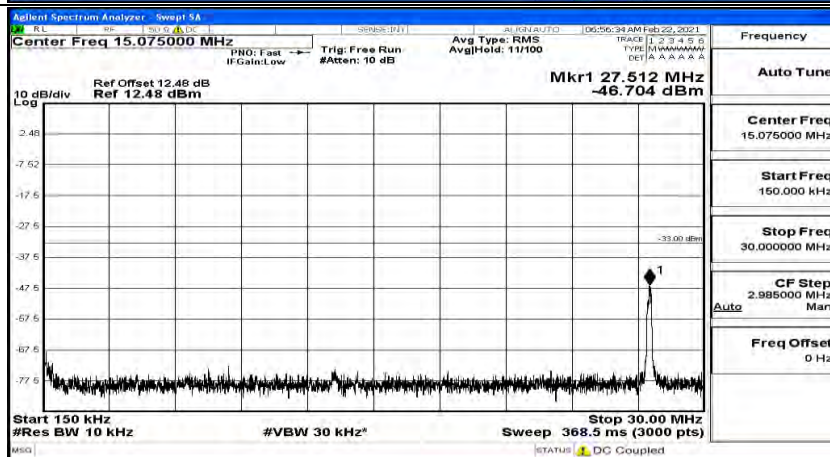
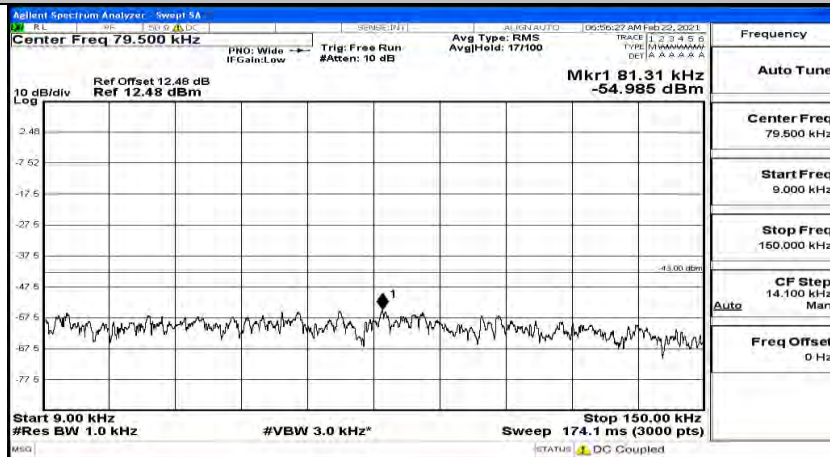


(Channel Bandwidth:15 MHz) LCH\_16QAM\_1RB#74

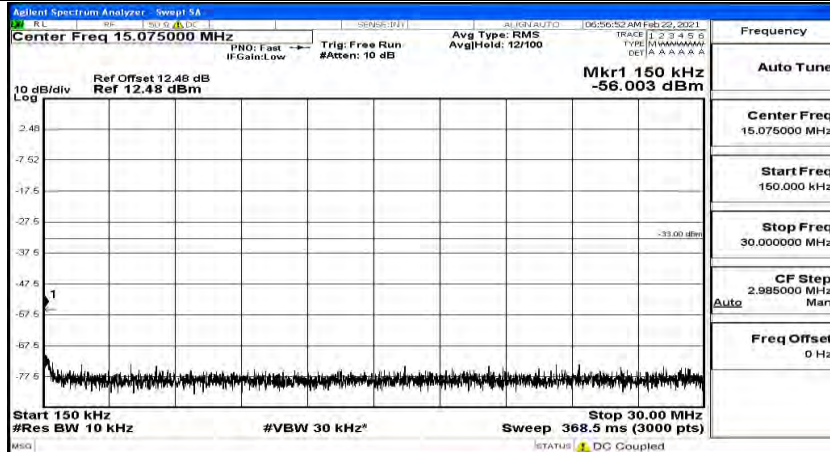
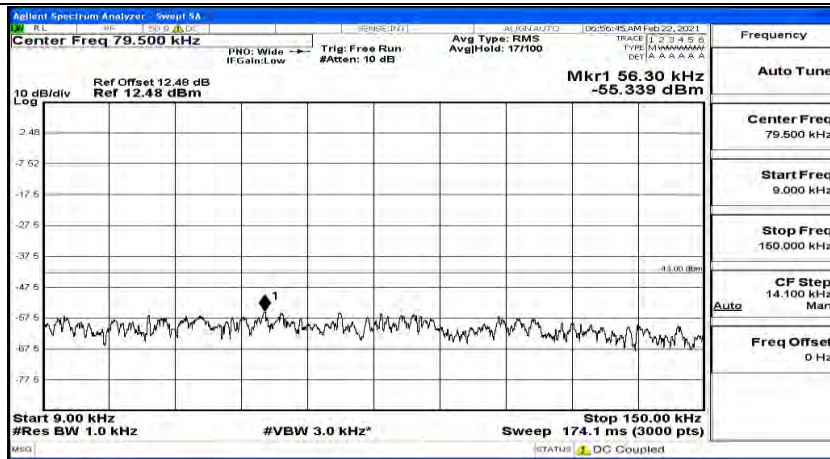




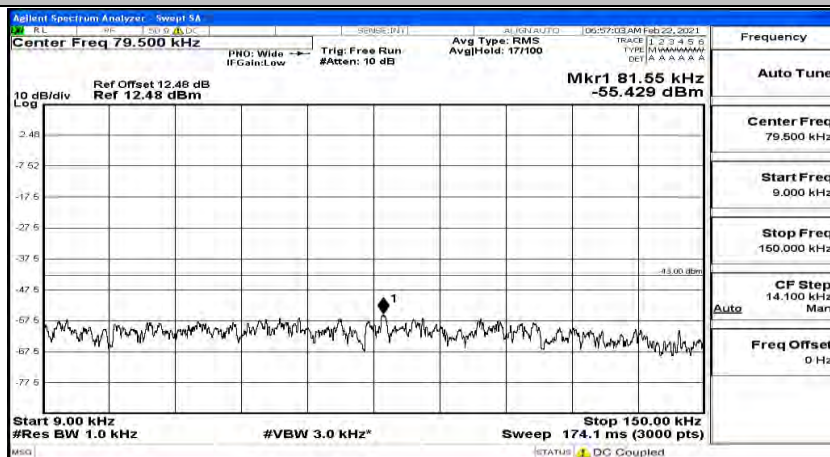
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#0

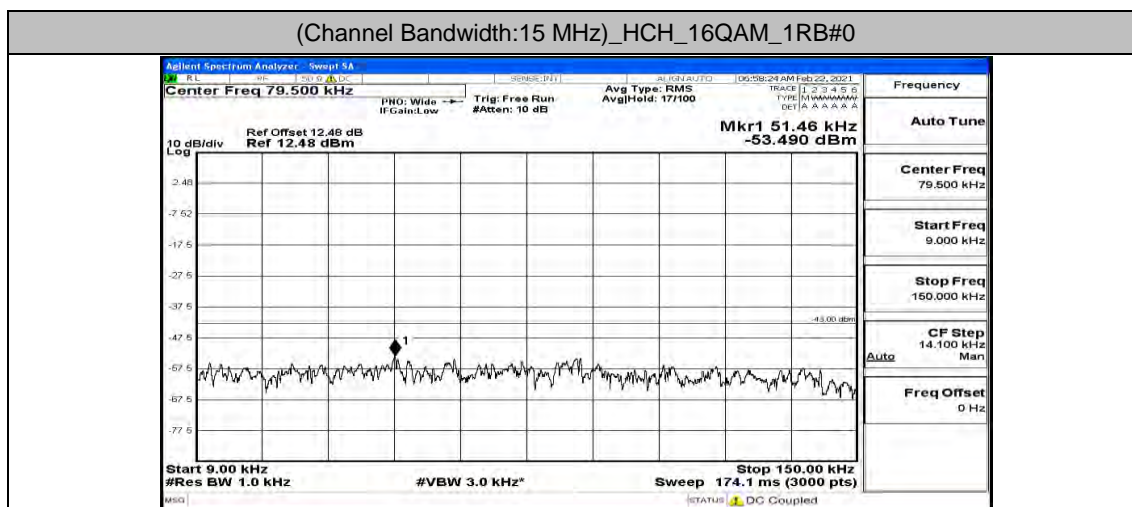
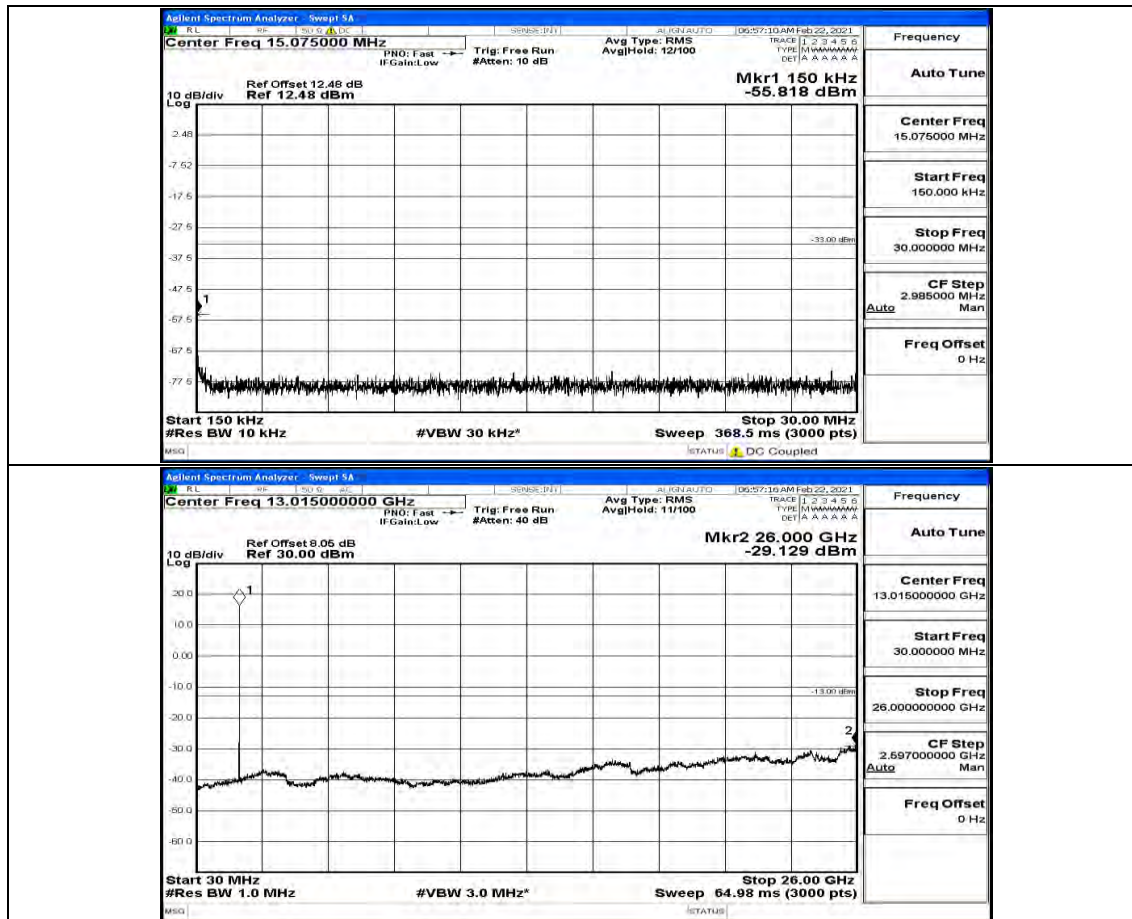


(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#37

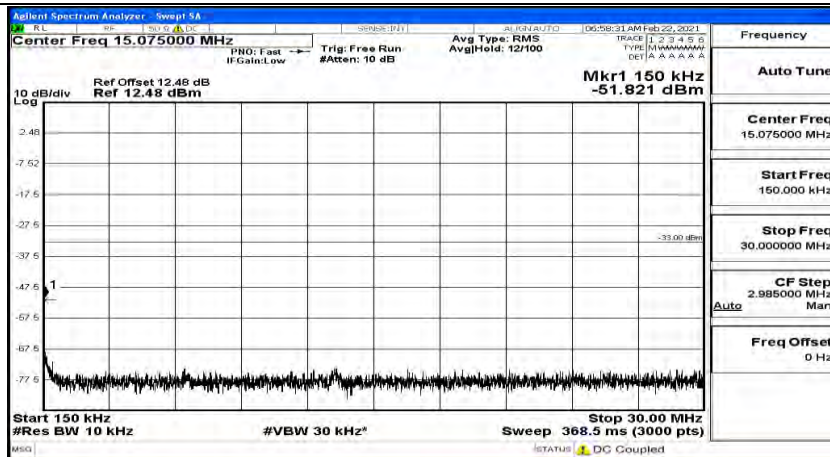


(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_1RB#74

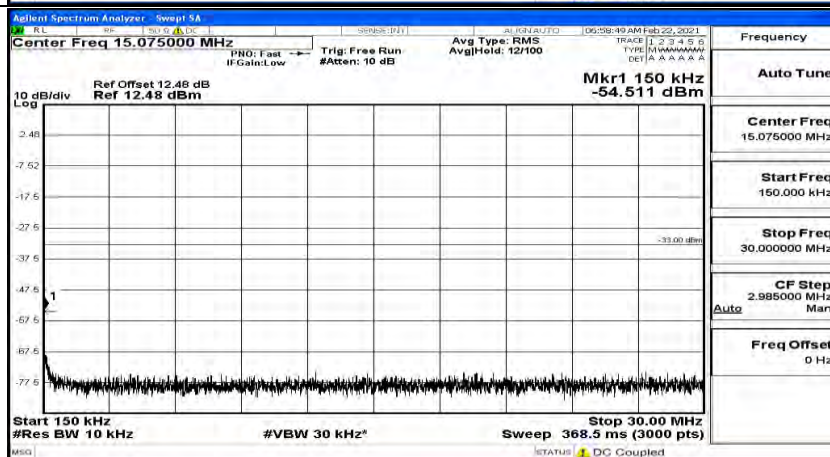
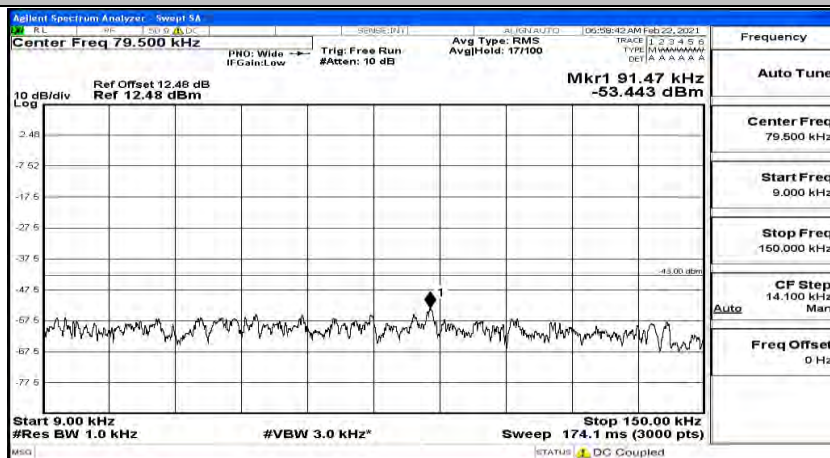






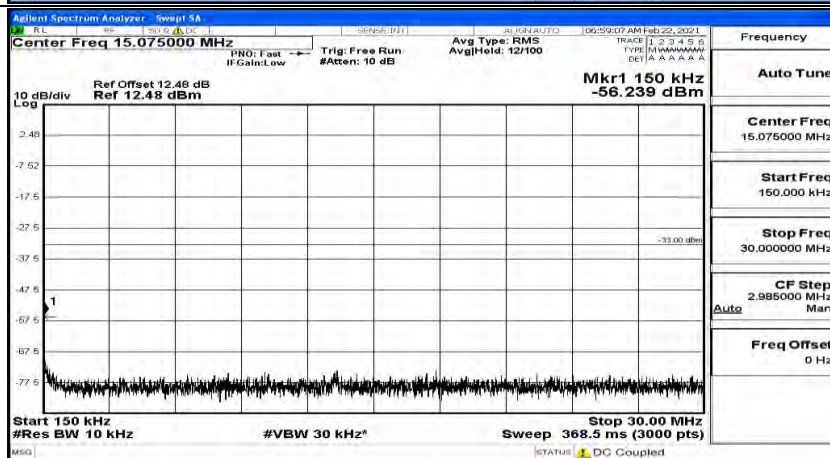
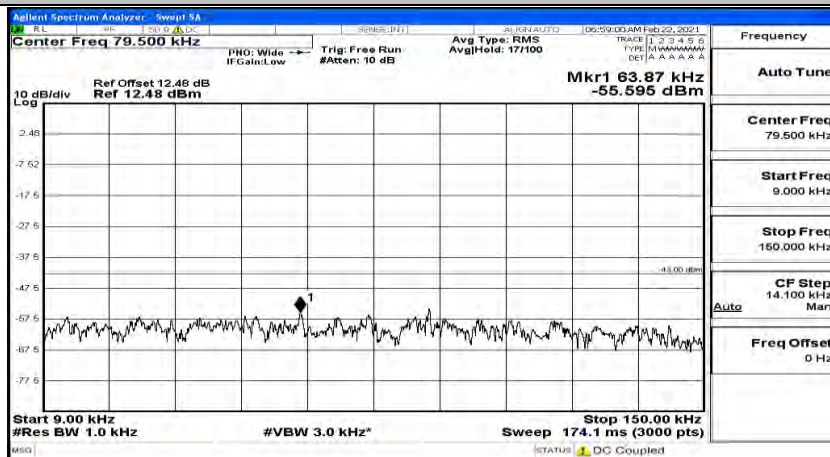


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#37



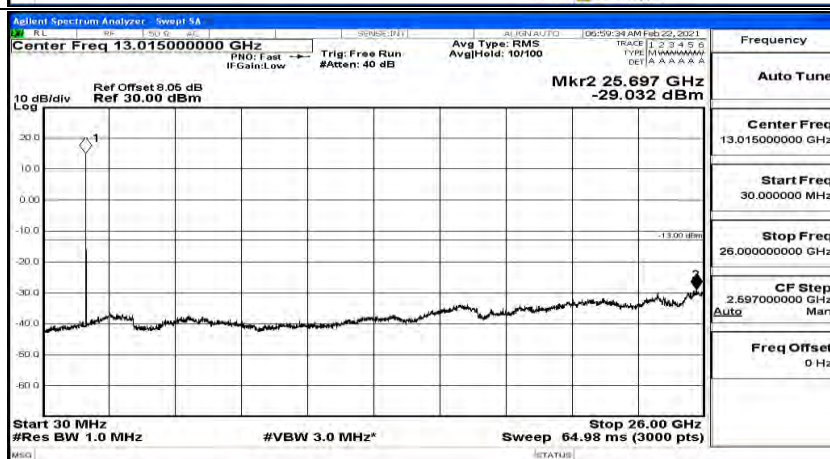
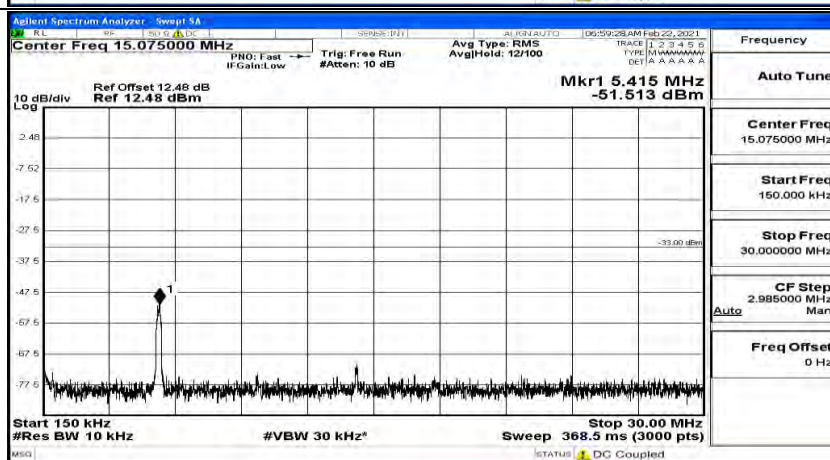
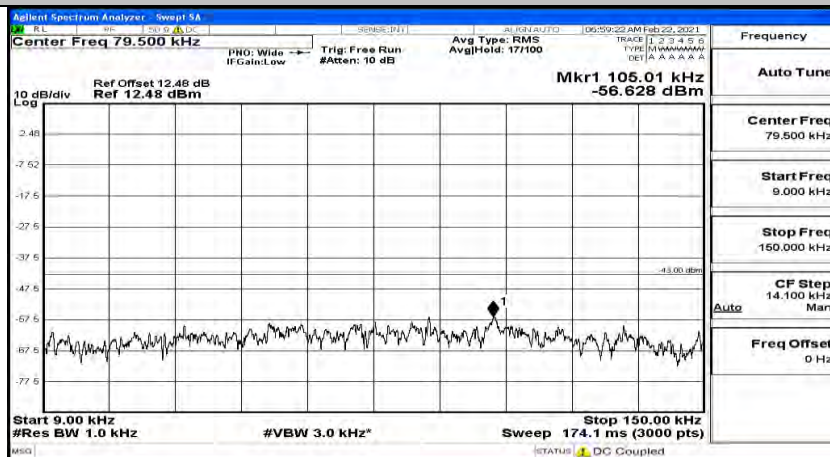


(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_1RB#74



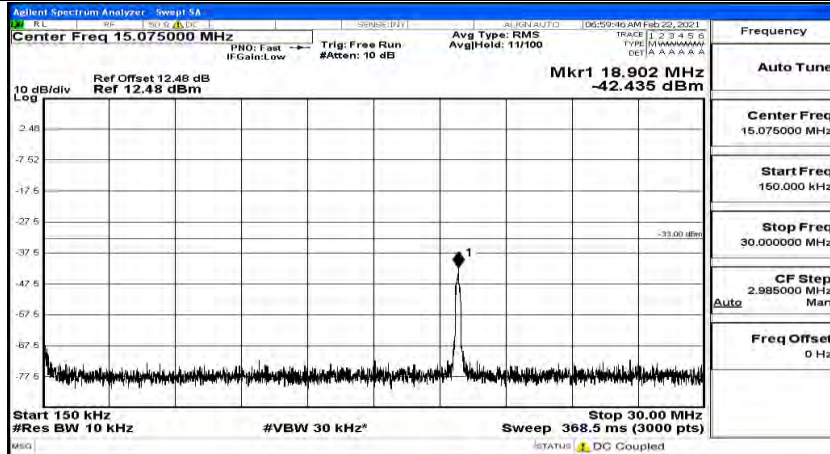
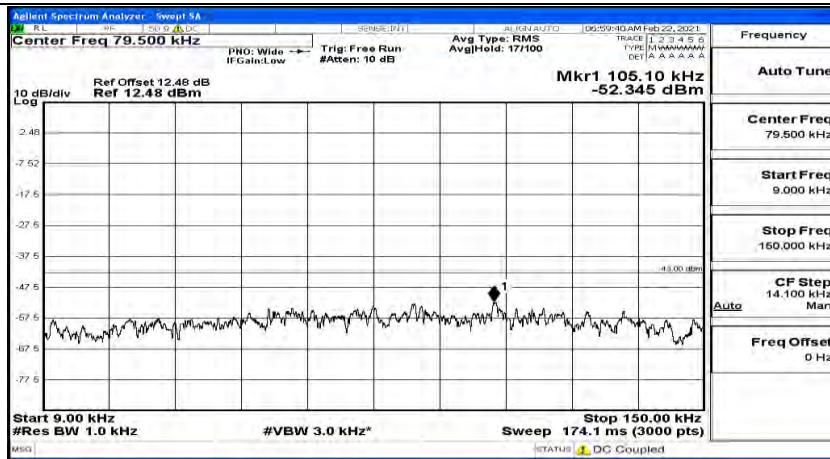
## Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_1RB#0

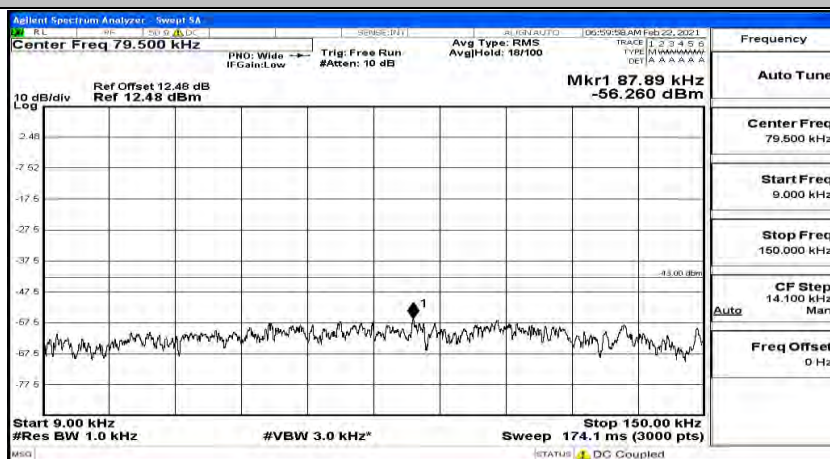


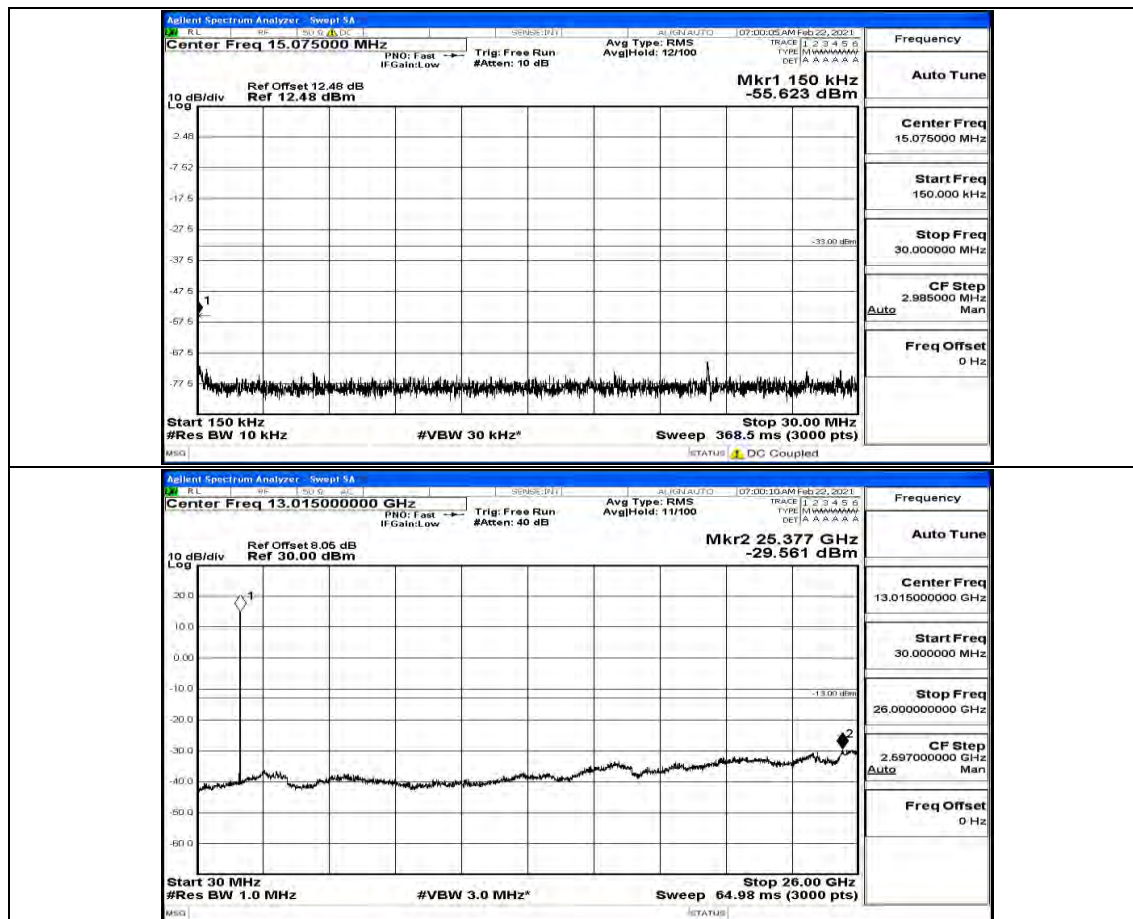
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_1RB#49



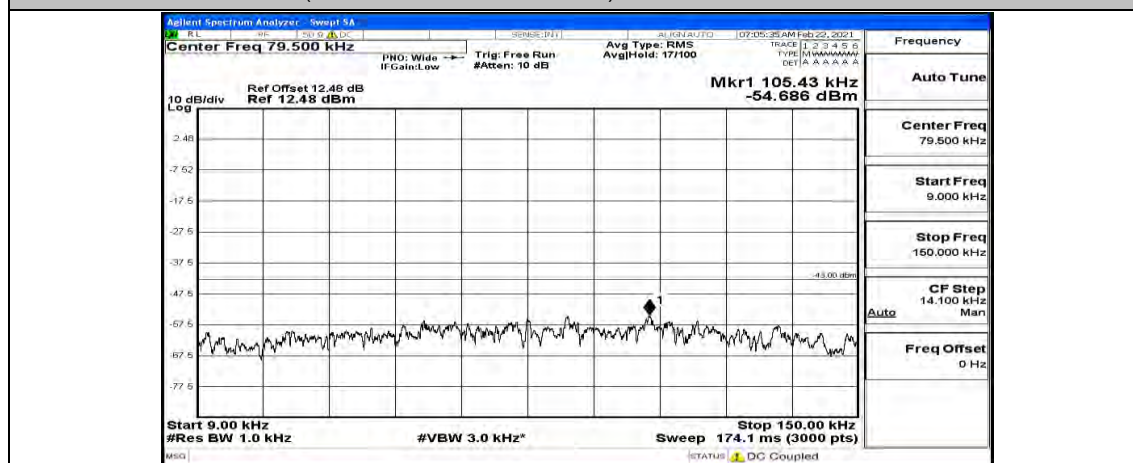


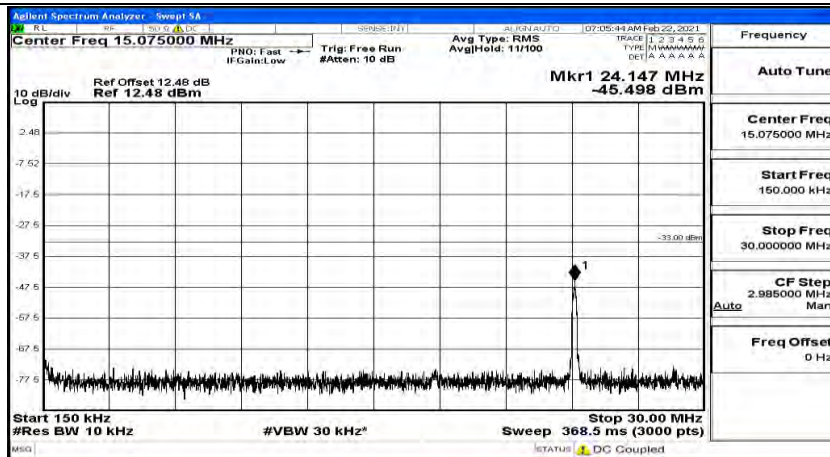
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_1RB#99



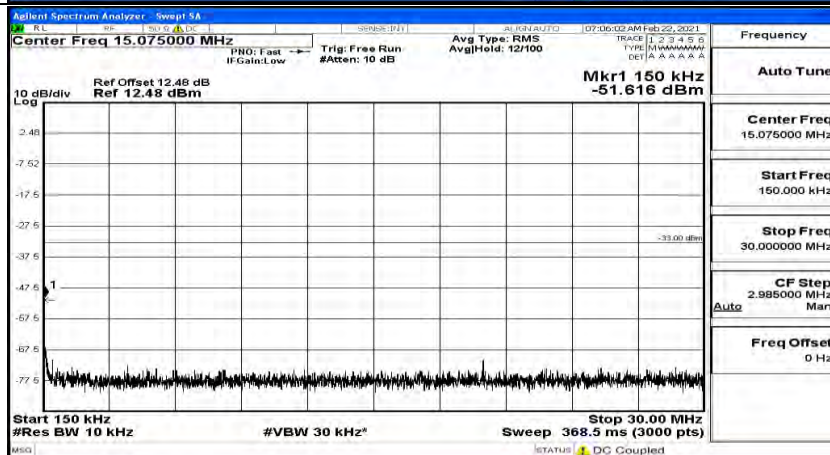
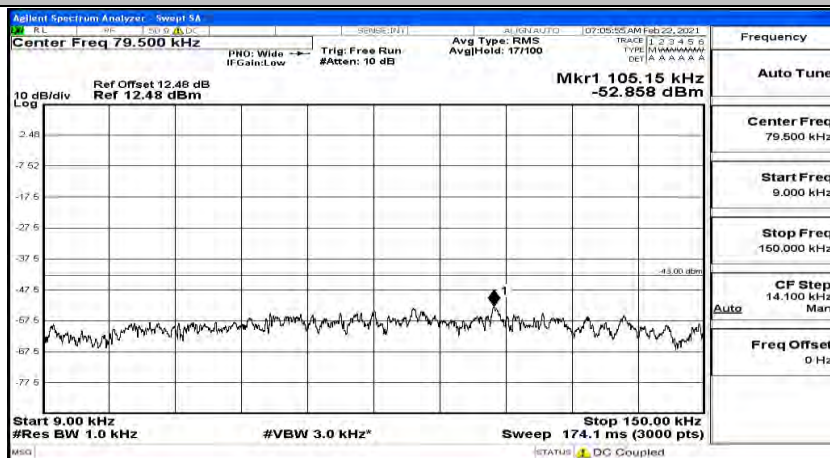


(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#0

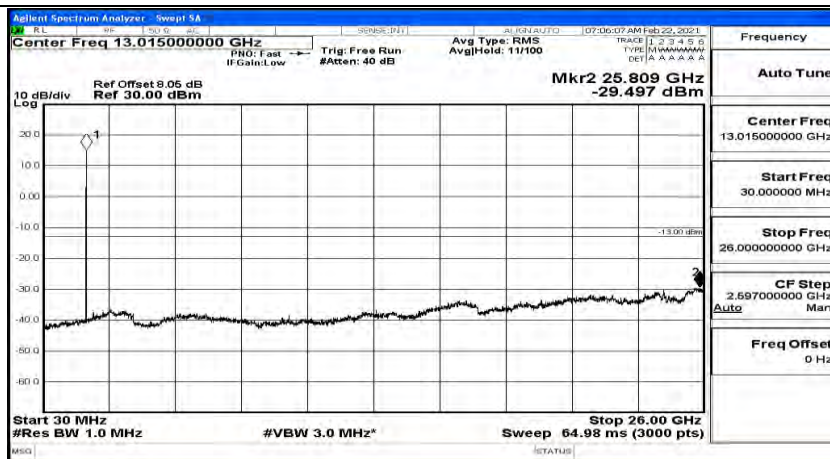




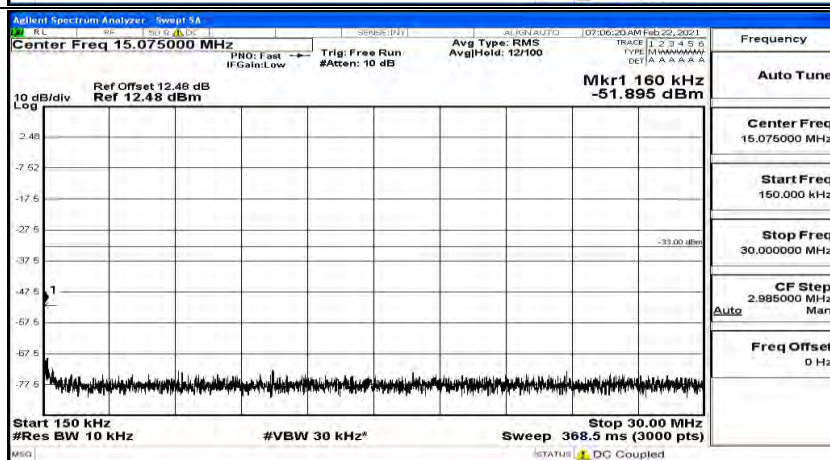
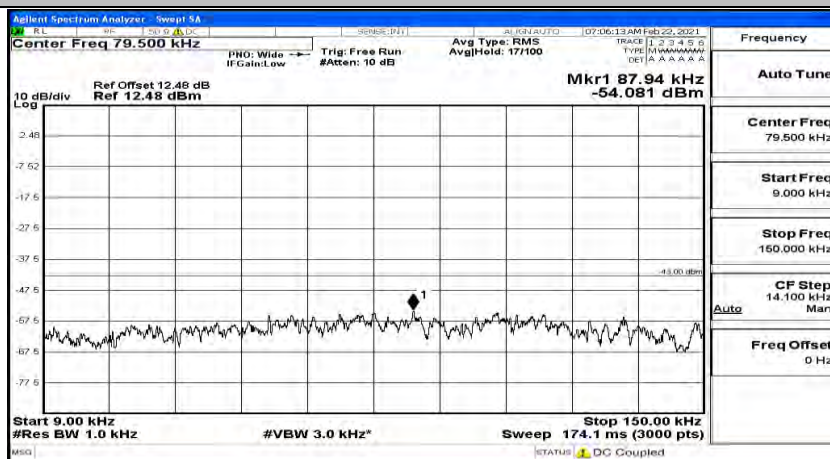
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#49



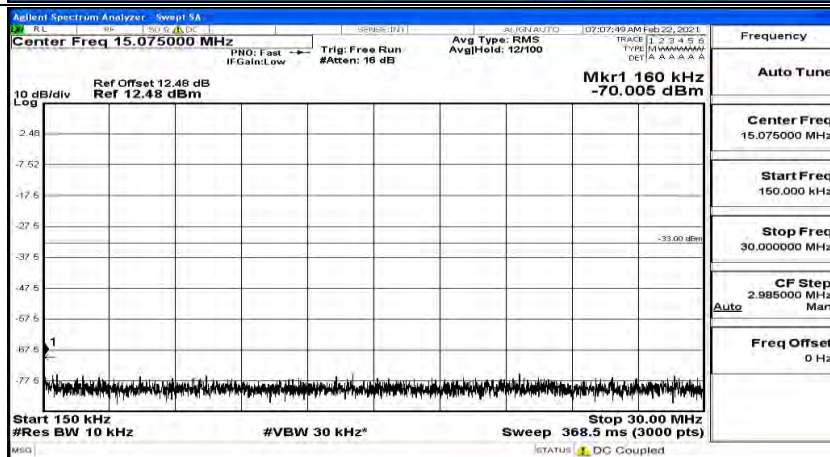
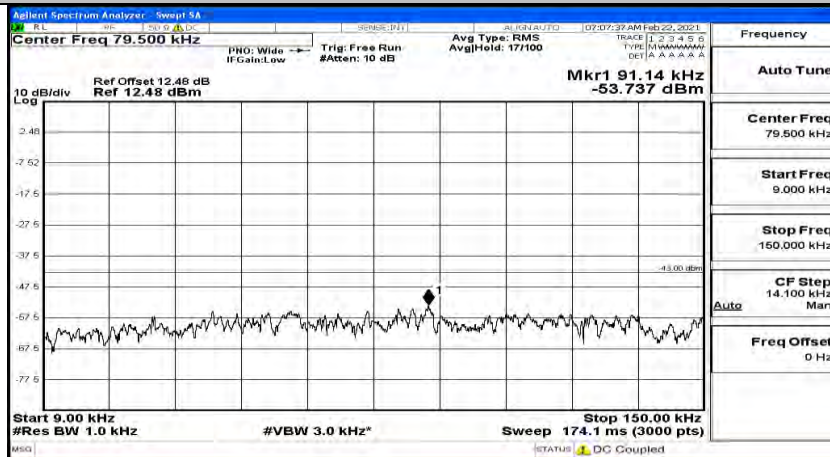




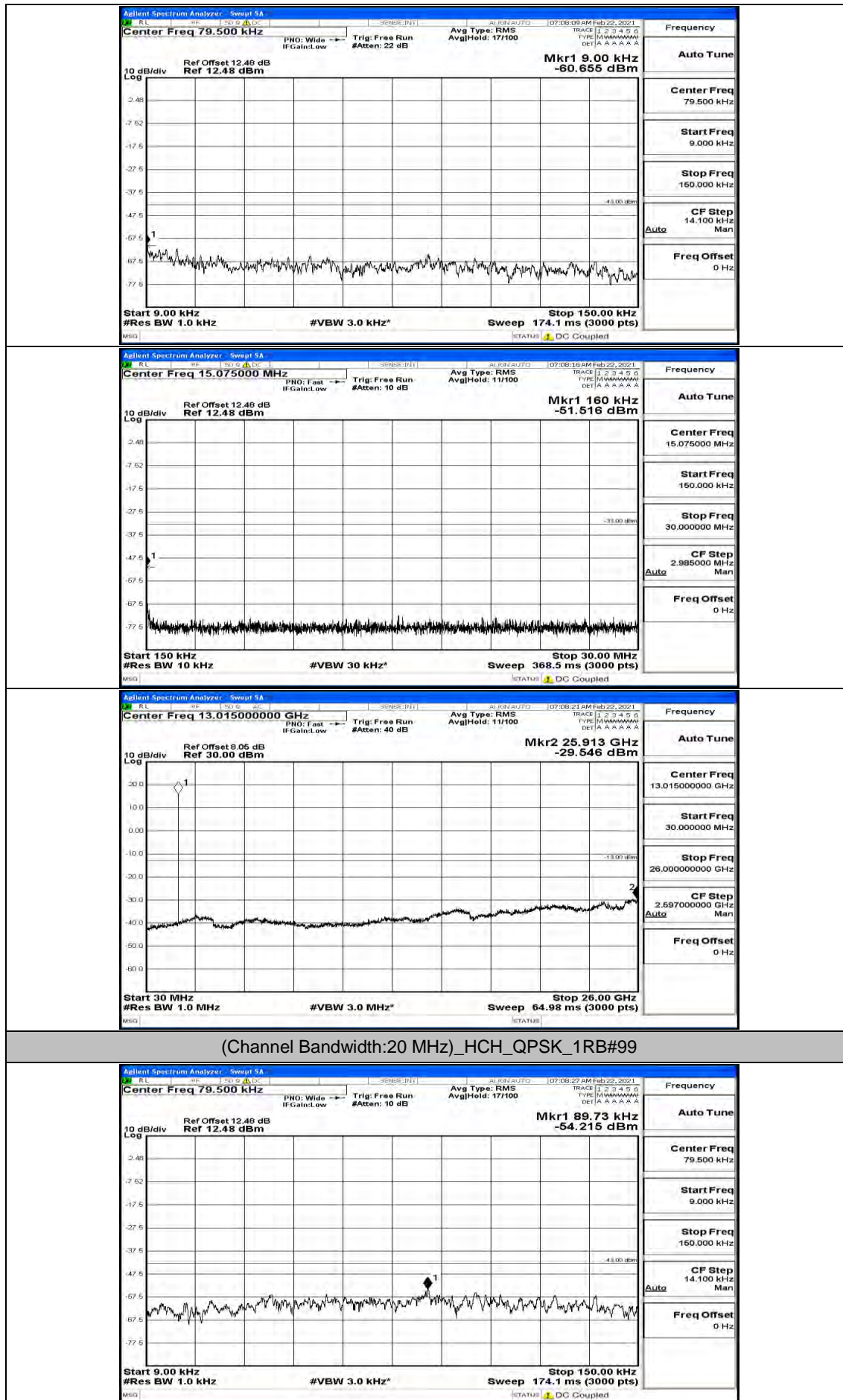
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_1RB#99



## (Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#0



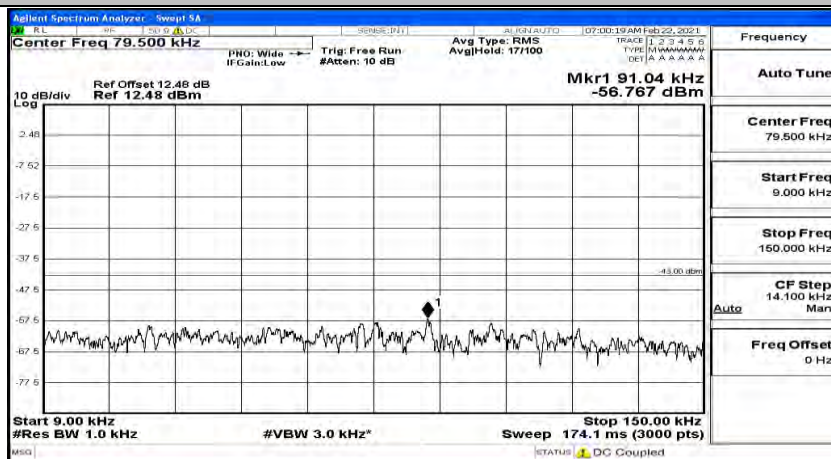
## (Channel Bandwidth:20 MHz)\_HCH\_QPSK\_1RB#49

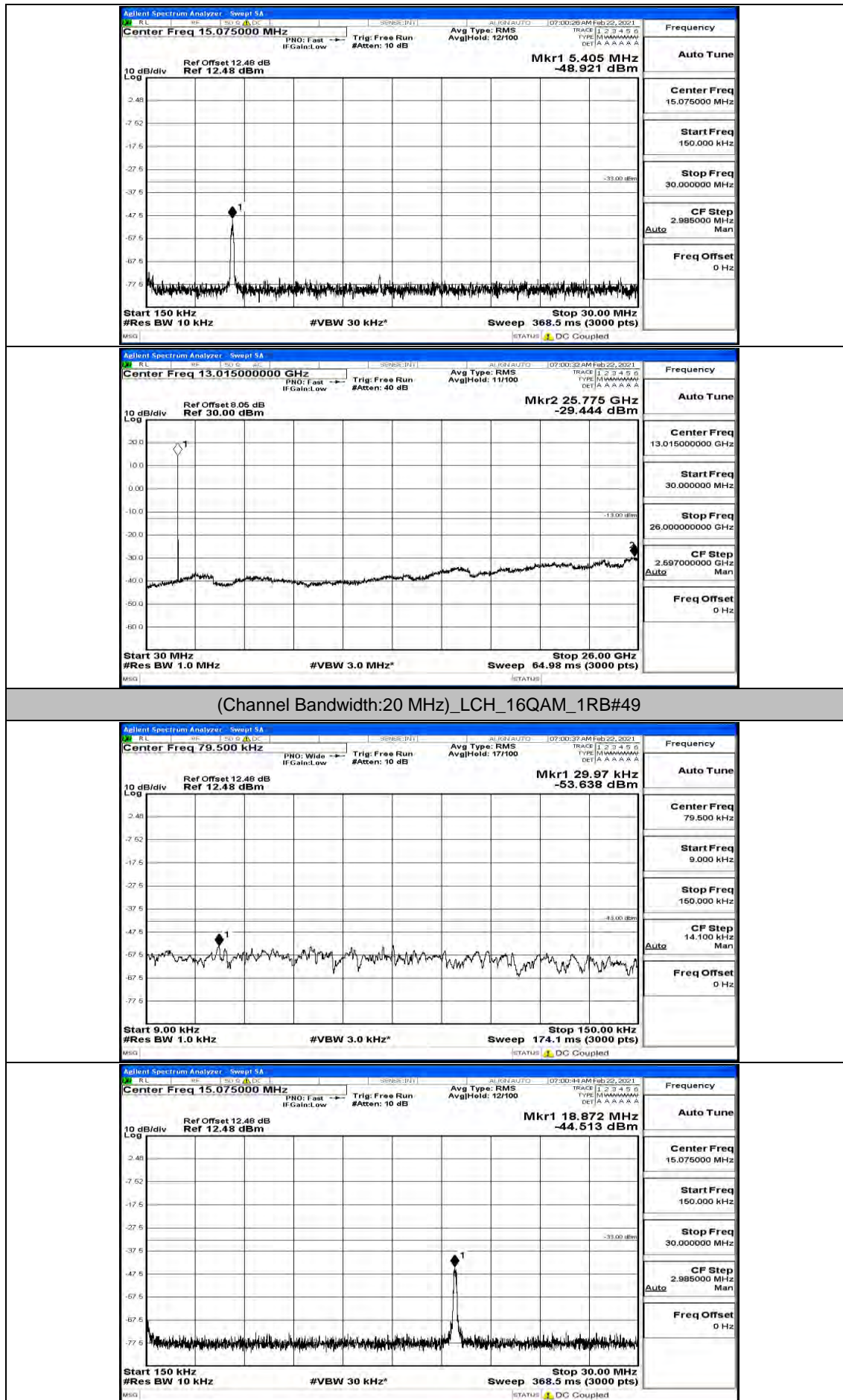






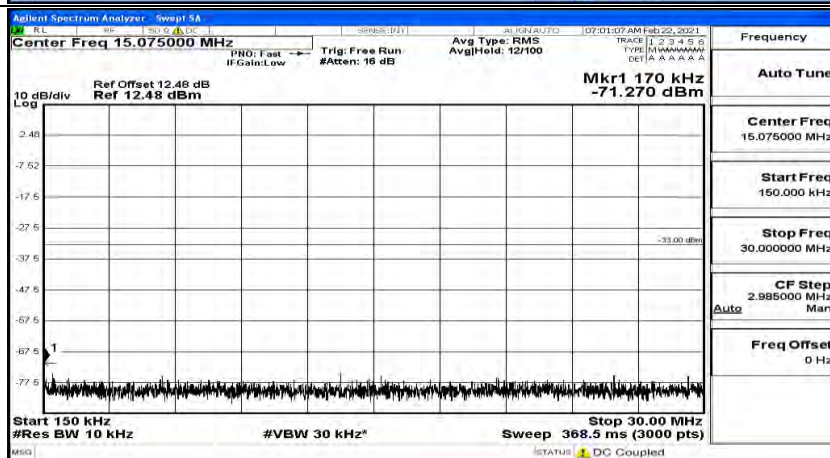
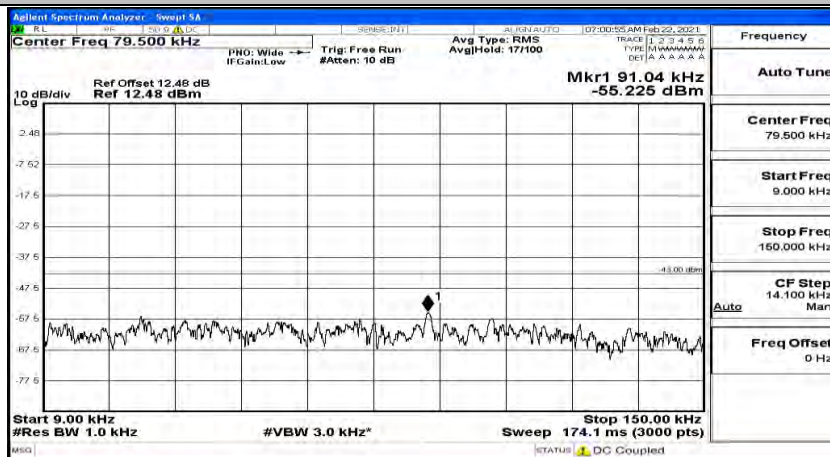
(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_1RB#0





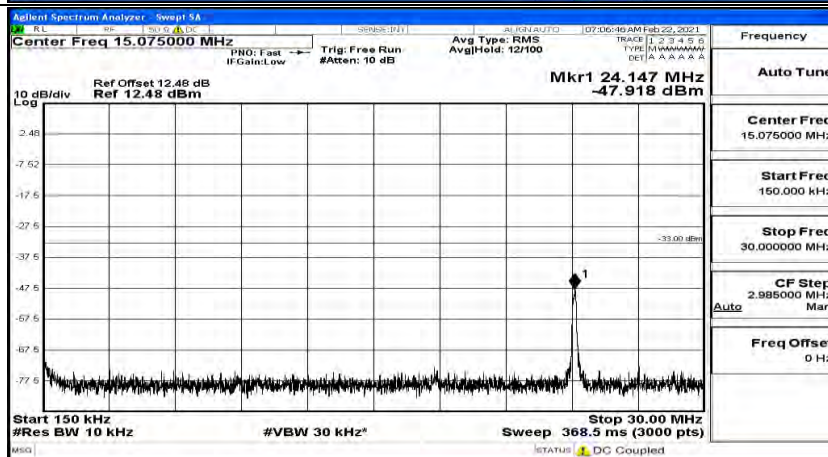
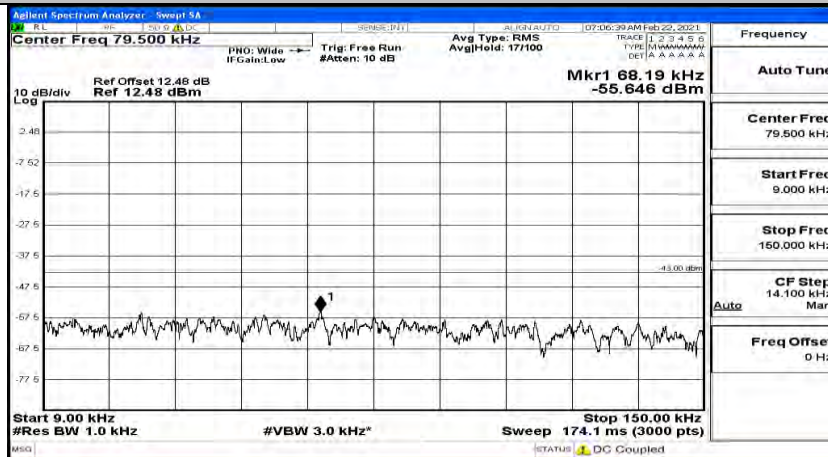


(Channel Bandwidth:20 MHz) LCH\_16QAM\_1RB#99

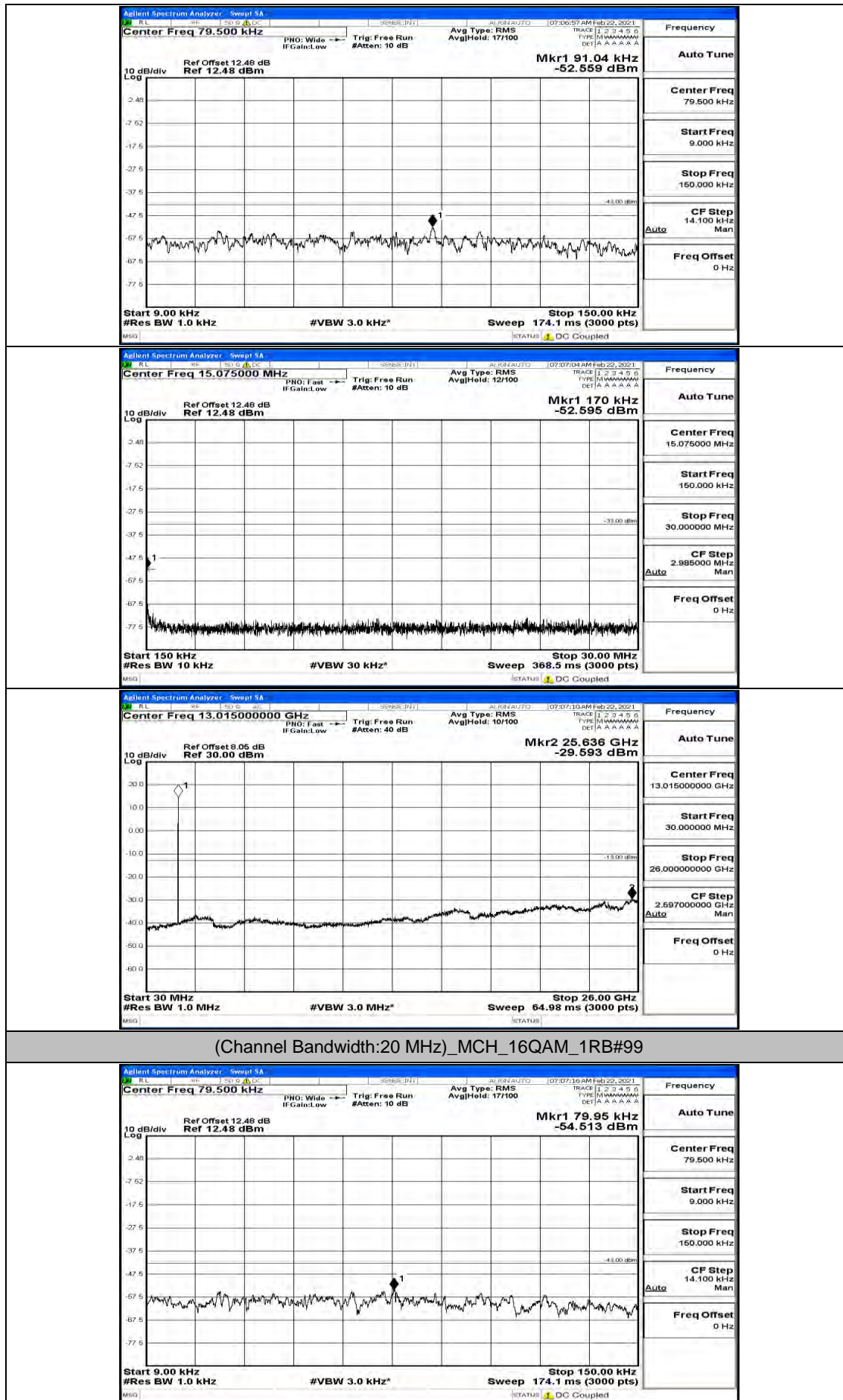


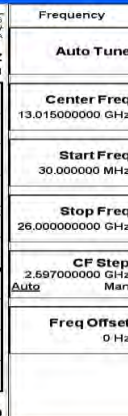
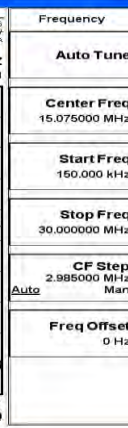


(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#0



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_1RB#49





**Instant Spectrum Analyzer - Setup SA**

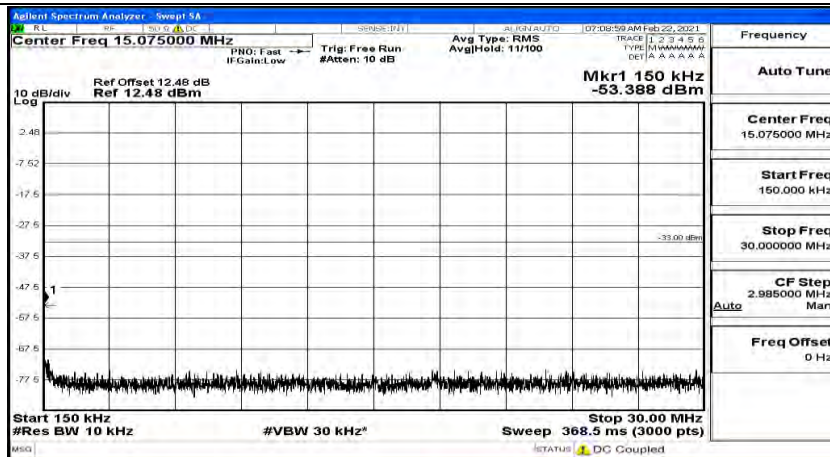
RL	WFO	-20.0 dB/Div	SOURCE: [P1]	AU: [K4-AUTO]	[07:10:52 AM Feb 25, 2021]
<b>Center Freq 79.500 kHz</b>			PNO: Wide → IF Gain: Low	Trig: Free Run #Att: 10 dB	Avg Type: RMS Avg/Hold: 17/100
			Mkr1 15.54 kHz -55.548 dBm	TRACE [1 2 3 4 5 6] TYPE [A W A M A M A M A M] DET [A A A A A A]	Frequency
10 dB/div Log			Ref Offset 12.48 dB Ref 12.48 dBm		Auto Tune

Start 9.00 kHz      Stop 150.00 kHz  
#Res BW 1.0 kHz      #VBW 3.0 kHz\*      Sweep 174.1 ms (3000 pts)

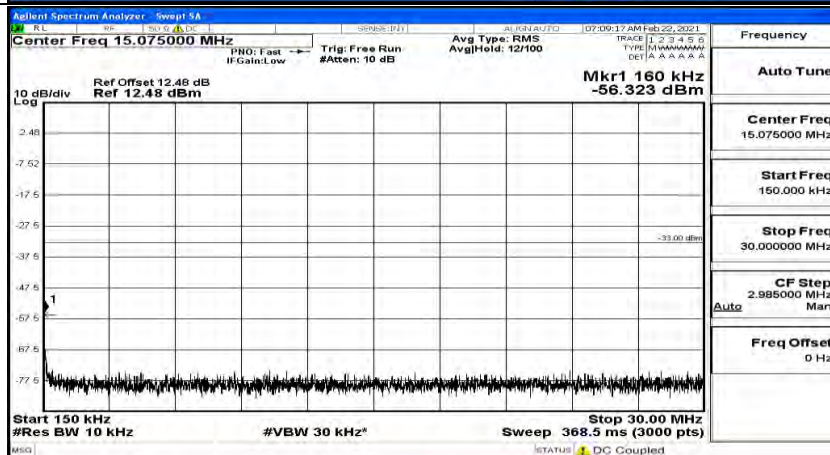
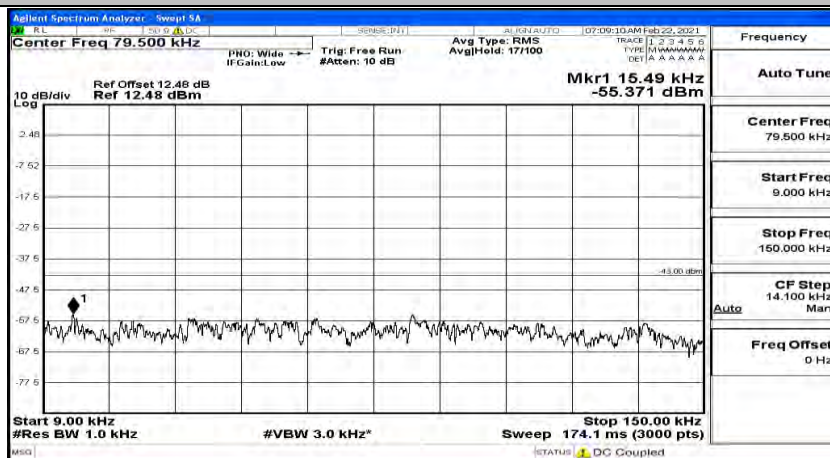
MSO [STATUS] [DC Coupled]

Center Freq	79.500 kHz
Start Freq	9.000 kHz
Stop Freq	160.000 kHz
CF Step	14.100 kHz
Auto	Man
Freq Offset	0 Hz





(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#49





(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_1RB#99

