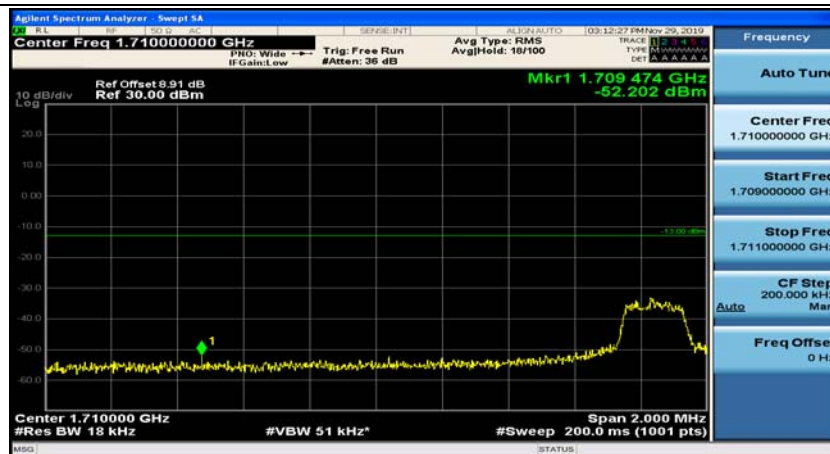
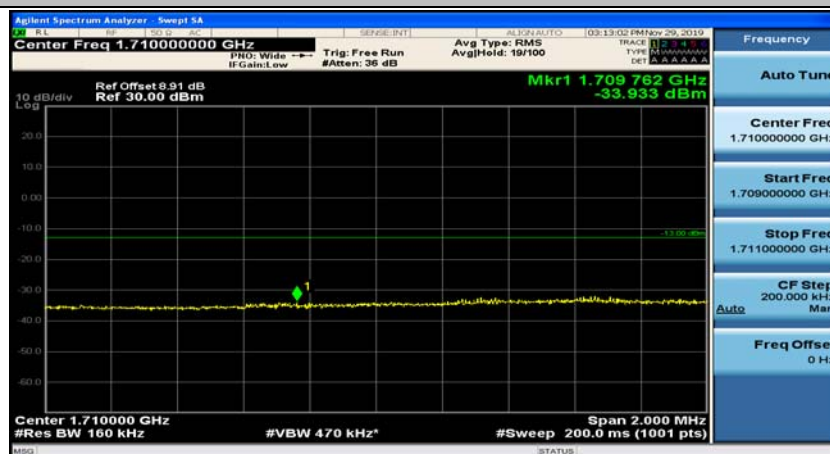




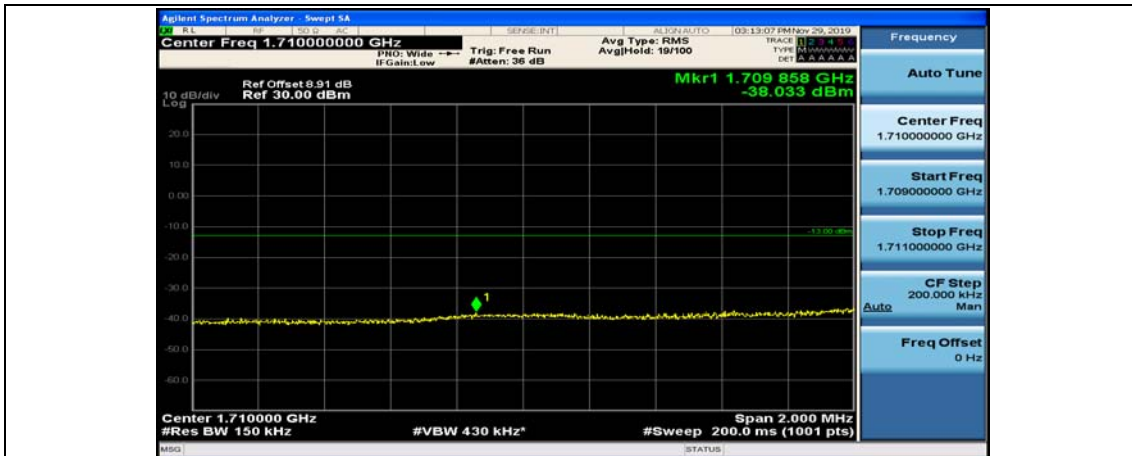
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



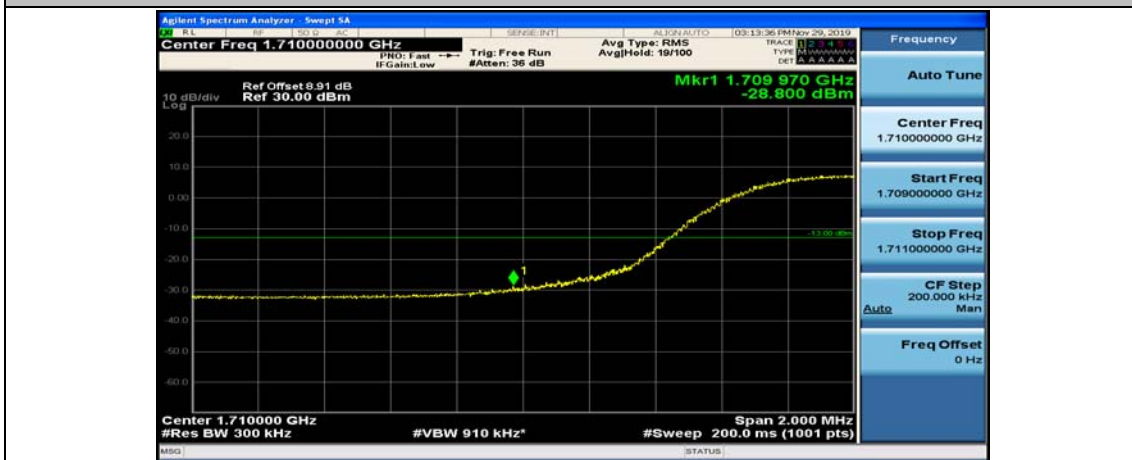
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



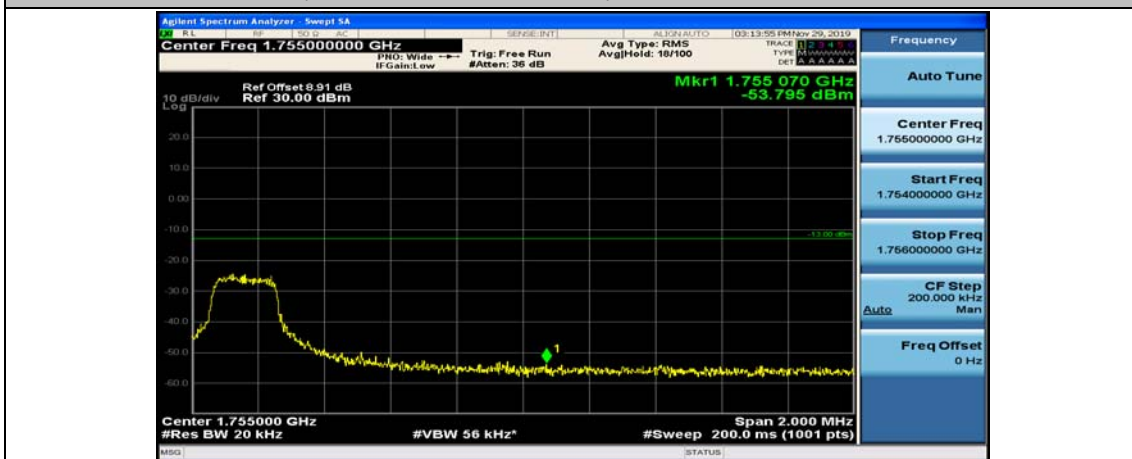
(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



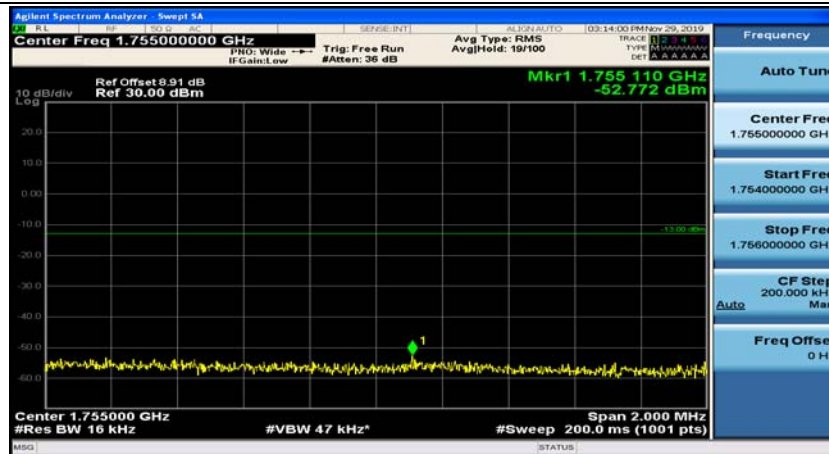
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



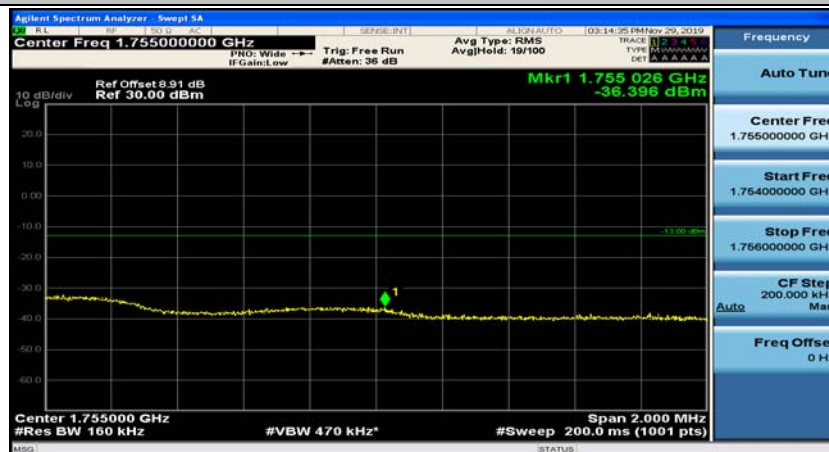
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



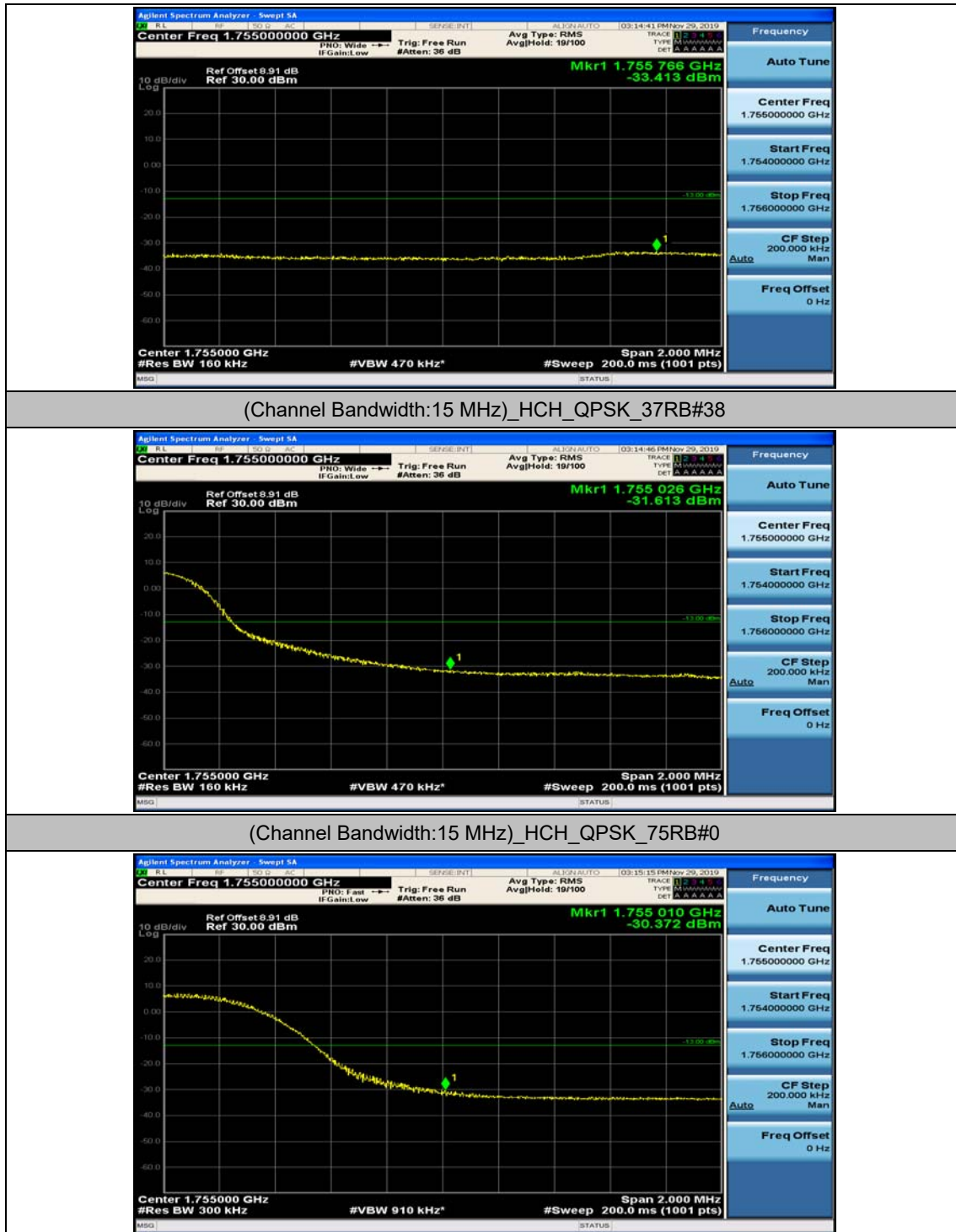
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



Agilent Spectrum Analyzer - Sweep 54

Center Freq 1.71000000 GHz

Ref Offset 8.91 dB
Ref 30.00 dBm

10 dB/div
Log

Center 1.710000 GHz
#Res BW 18 kHz
#VBW 51 kHz*
#Sweep 200.0 ms (1001 pts)

Span 2.000 MHz

Marker 1: 1.709 992 GHz, -30.750 dBm

Frequency: 1.71000000 GHz

Auto Tune

Center Freq: 1.71000000 GHz

Start Freq: 1.709000000 GHz

Stop Freq: 1.711000000 GHz

CF Step: 200.00 kHz

Auto

Freq Offset: 0 Hz

Agilent Spectrum Analyzer - Swept SA

0.01 MHz

Center Freq 1.71000000 GHz

PRF: Wide → IF Gain: Low

Trig: Free Run #atten: 35 dB

Avg Type: RMS Avg/Hold: 18/100

TRACE 0 1.71000000 GHz

TYPE ECHO

DET AAAAAA

Frequency

Auto Tun

Center Freq 1.710000000 GHz

Start Freq 1.709000000 GHz

Stop Freq 1.711000000 GHz

CF Step 200.000 kHz

Auto Manual

Freq Offset 0 Hz

10 dB/div

Ref Offset 5.91 dB

Ref 30.00 dBm

Mkr1 1.709 982 GHz -53.321 dBm

1

Center 1.710000 GHz

#Res BW 16 kHz

#VBW 47 kHz*

Span 2.000 MHz

#Sweep 200.0 ms (1001 pts)

MSO STATUS

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.710000000 GHz

PRF: Wide IF Gain: Low

Trig: Free Run #Atten: 36 dB

Avg Type: RMS Avg/Hold: 18/100

TRACE 0 1.709820 GHz -53.569 dBm

Frequency

Auto Tune

Center Freq 1.710000000 GHz

Start Freq 1.709000000 GHz

Stop Freq 1.711000000 GHz

CF Step 200.000 kHz

Auto

Freq Offset 0 Hz

Center 1.710000 GHz

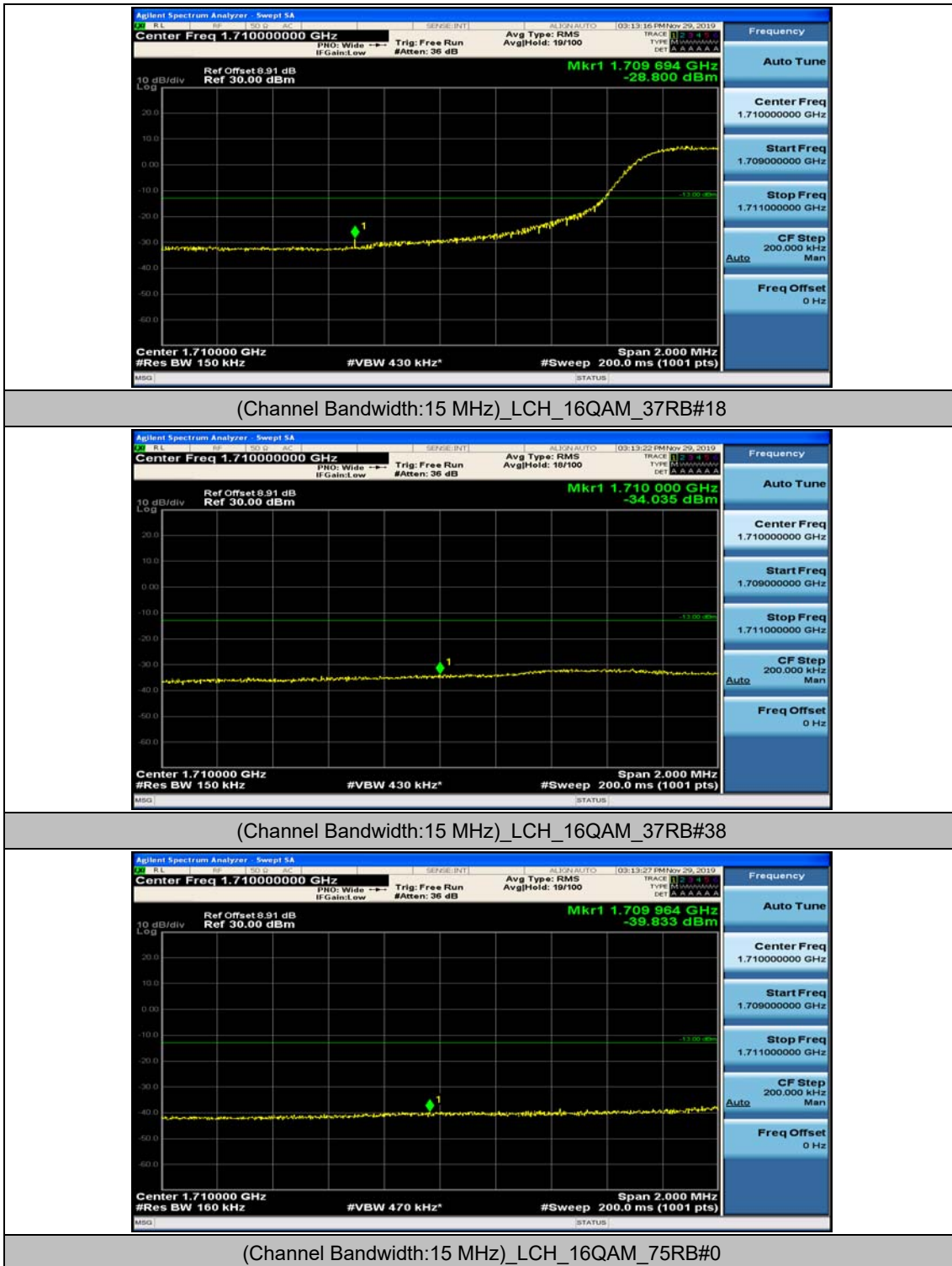
#Res BW 16 kHz

#VBW 47 kHz*

Span 2.000 MHz

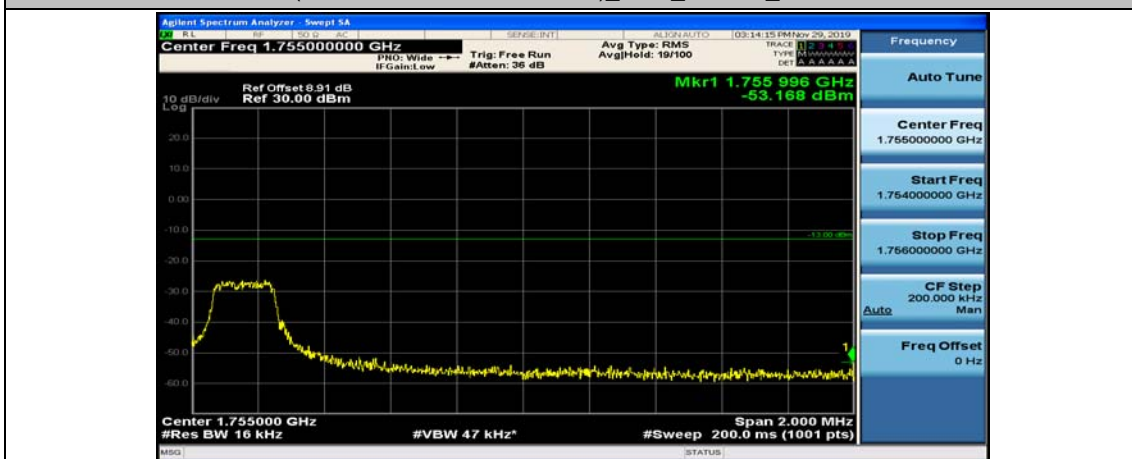
#Sweep 200.0 ms (1001 pts)

LTE Band 4

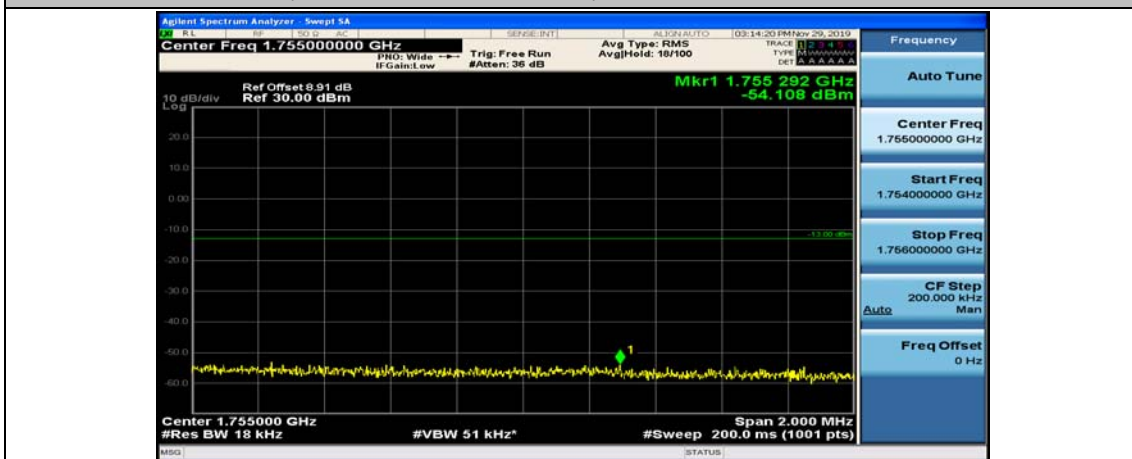




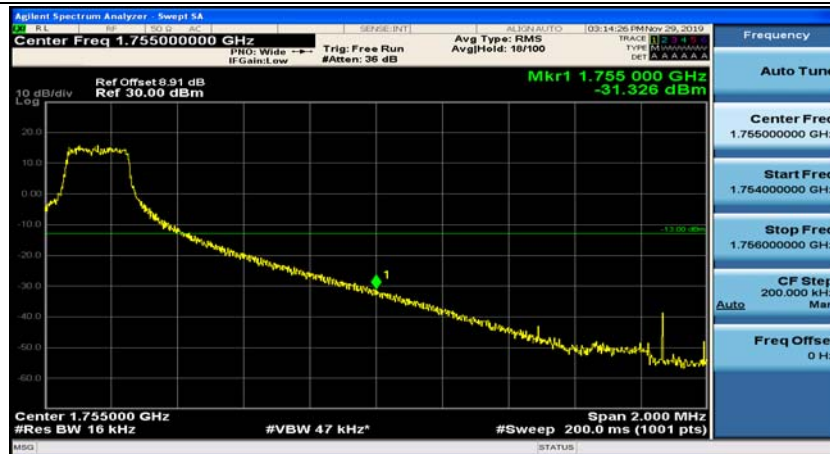
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



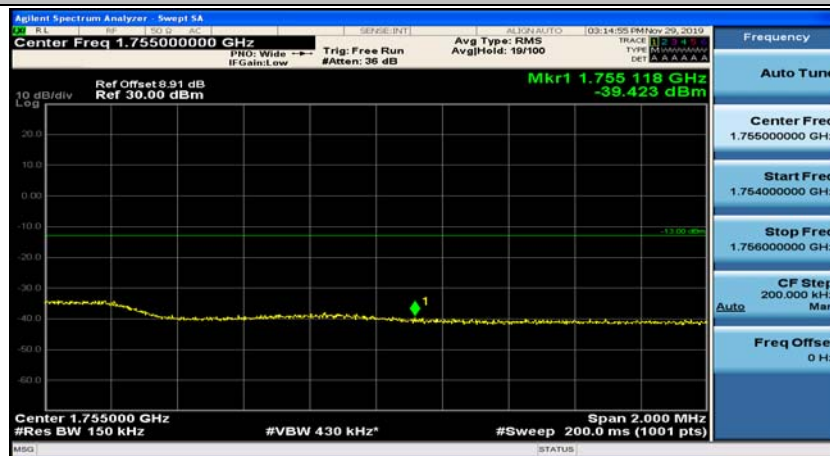
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



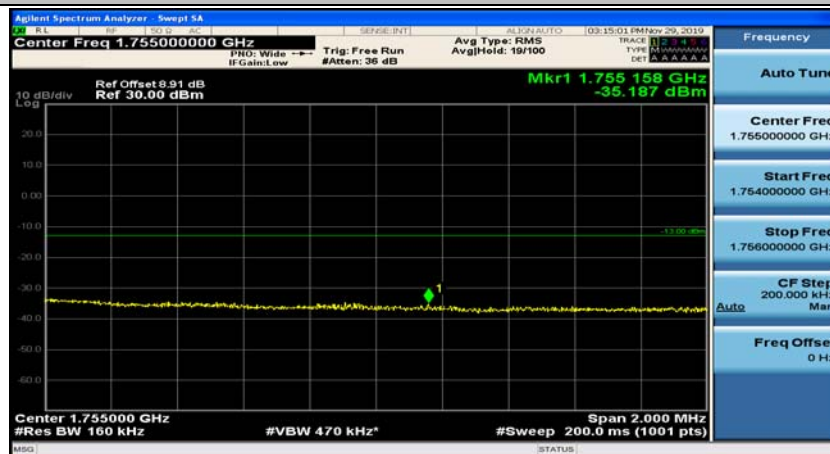
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



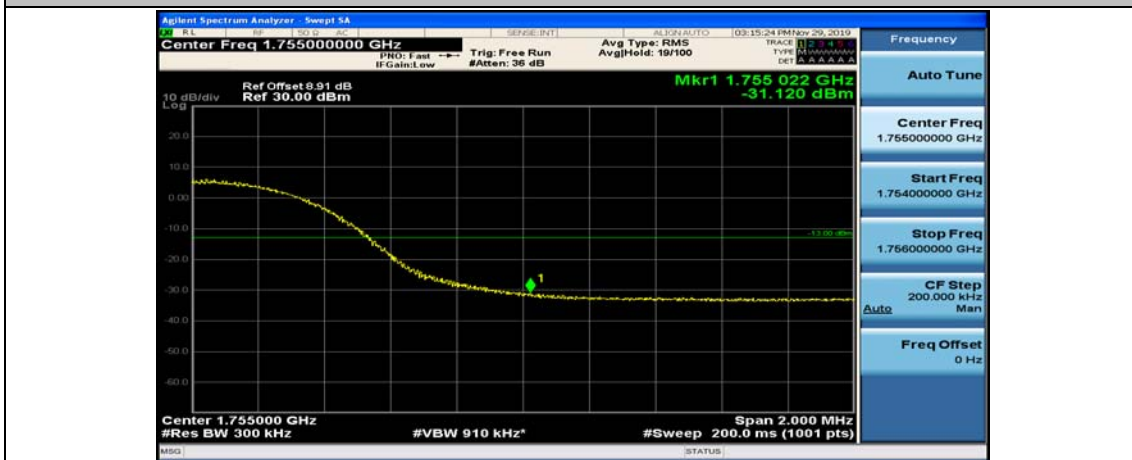
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



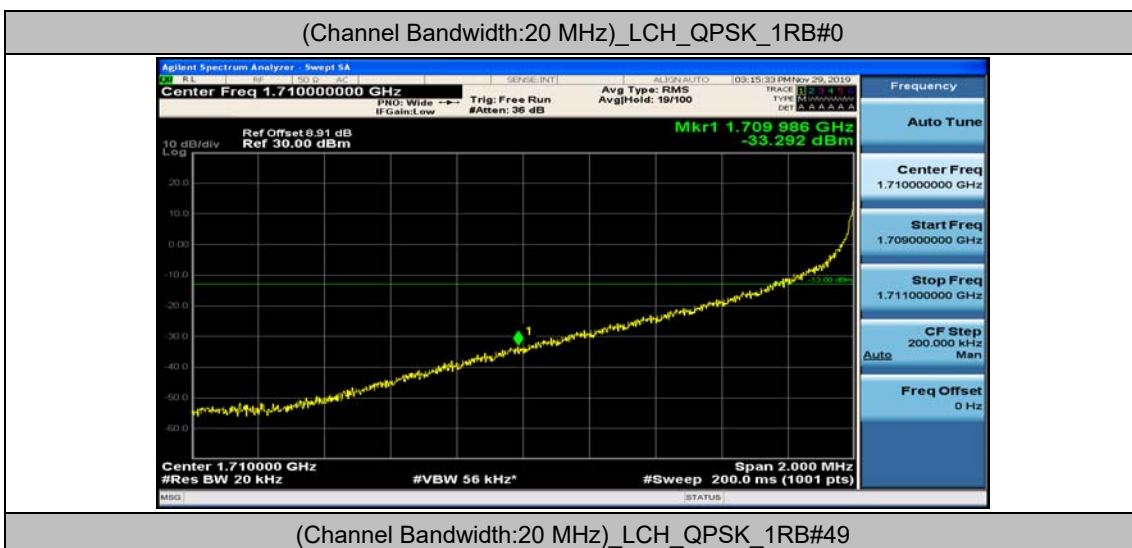
(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



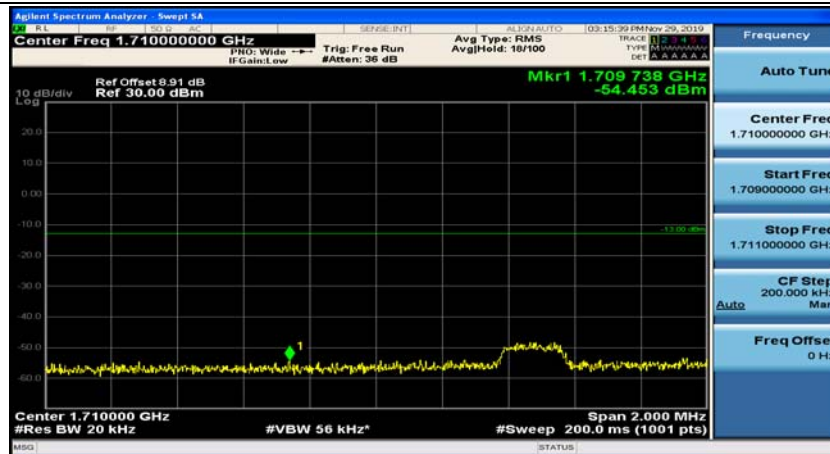
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



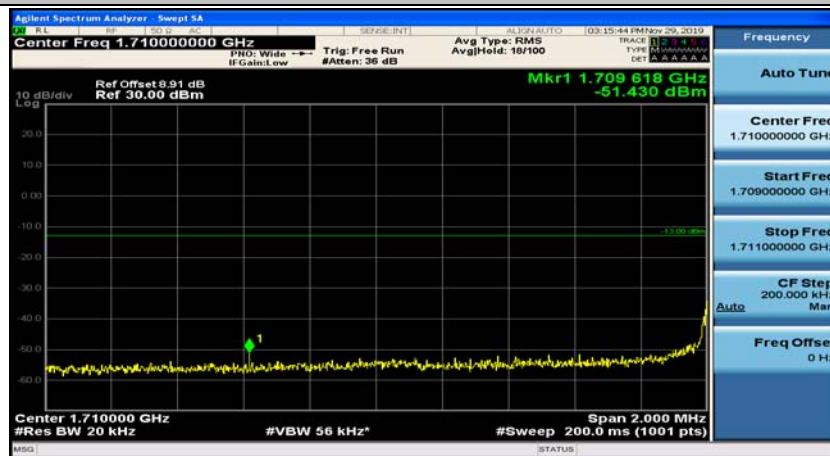
Channel Bandwidth: 20 MHz



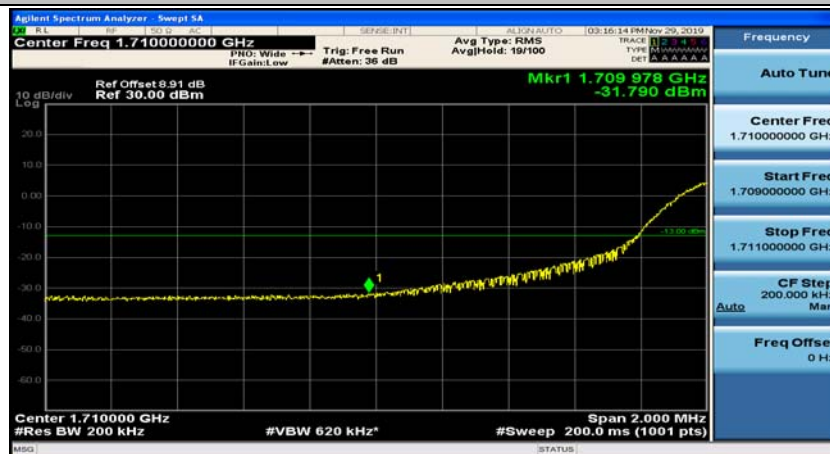
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



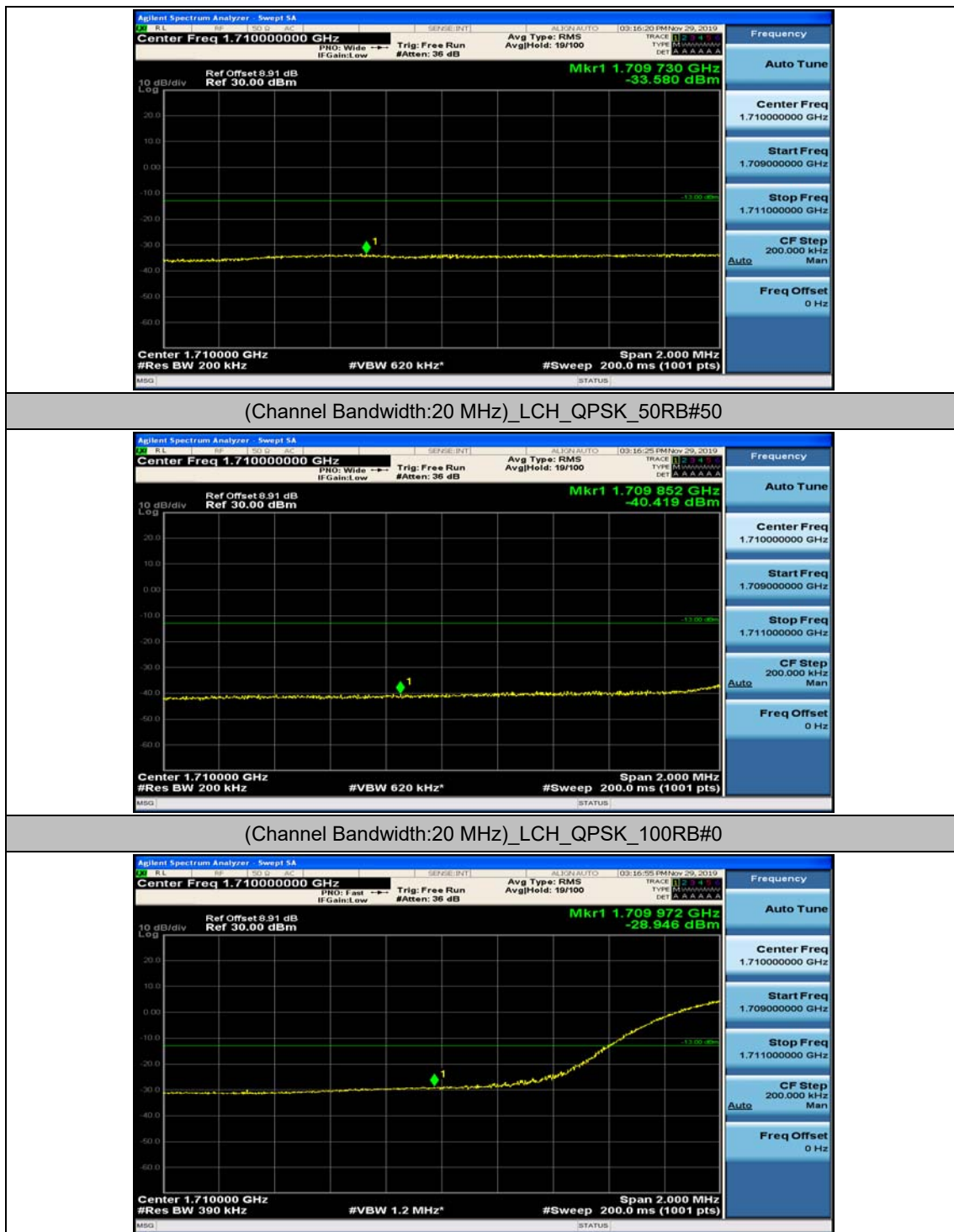
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



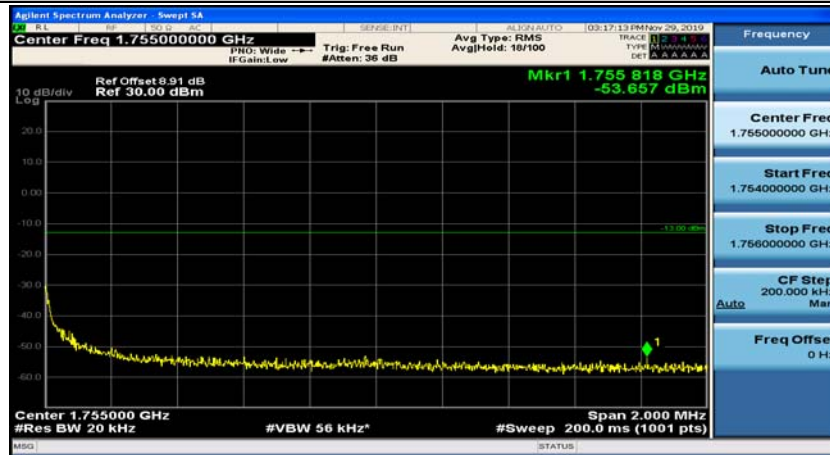
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



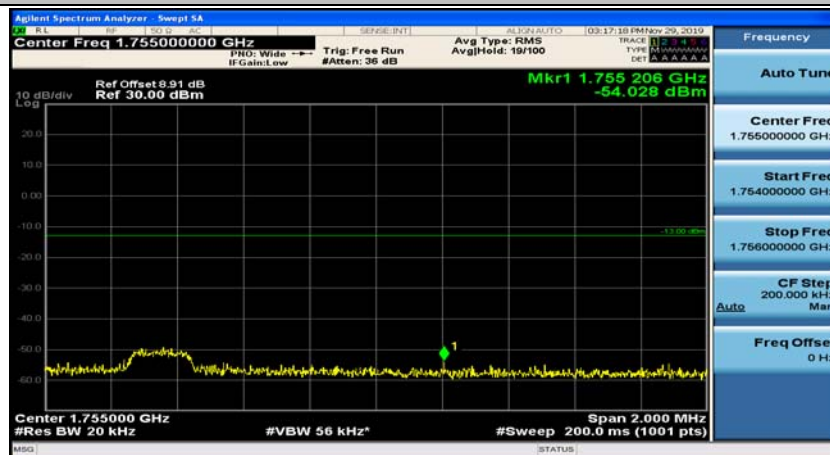
(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



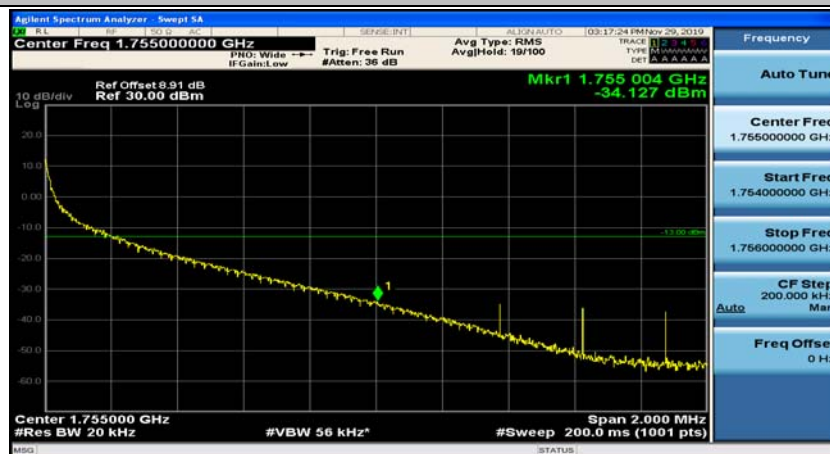
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



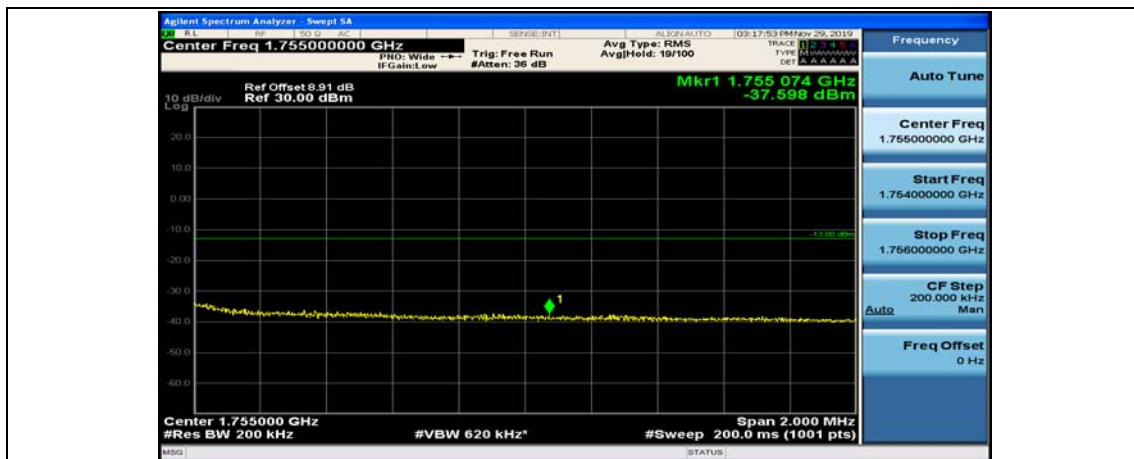
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#49



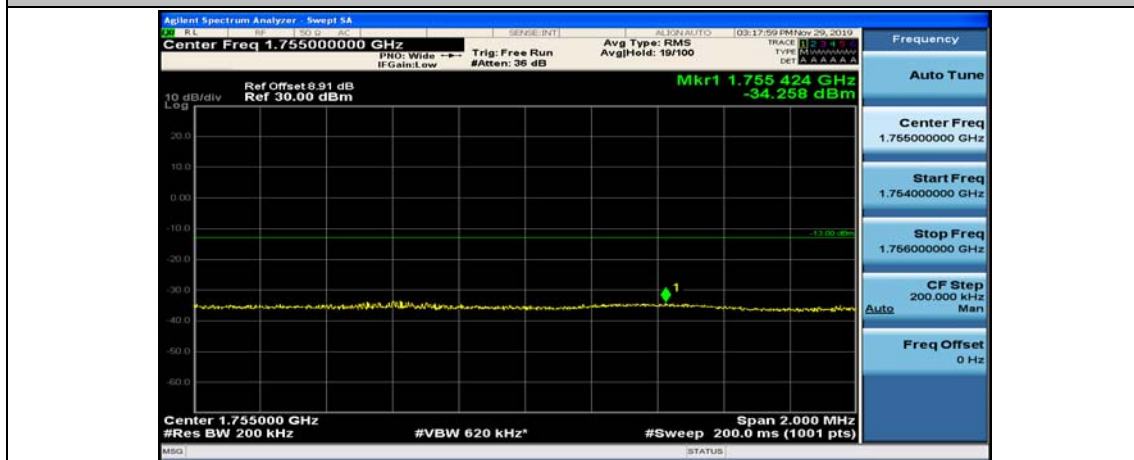
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



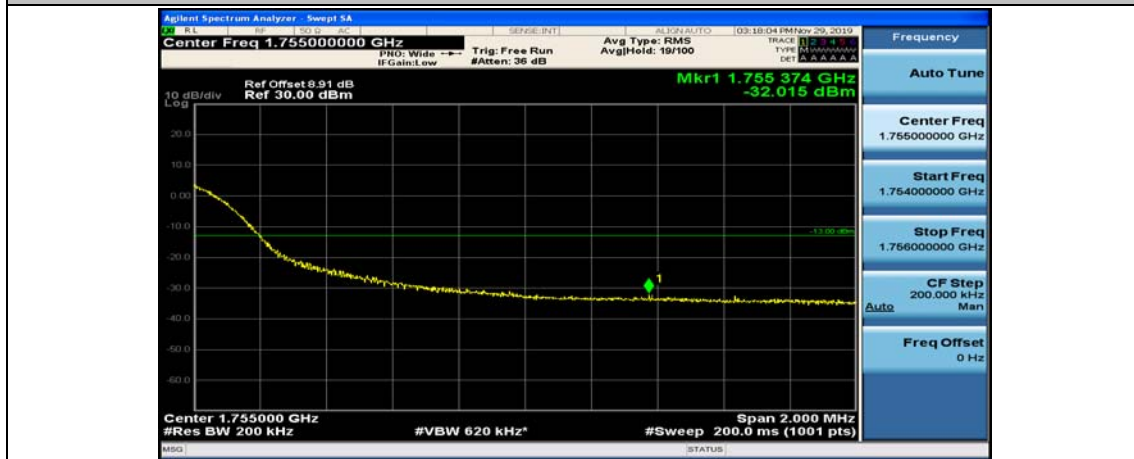
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#0



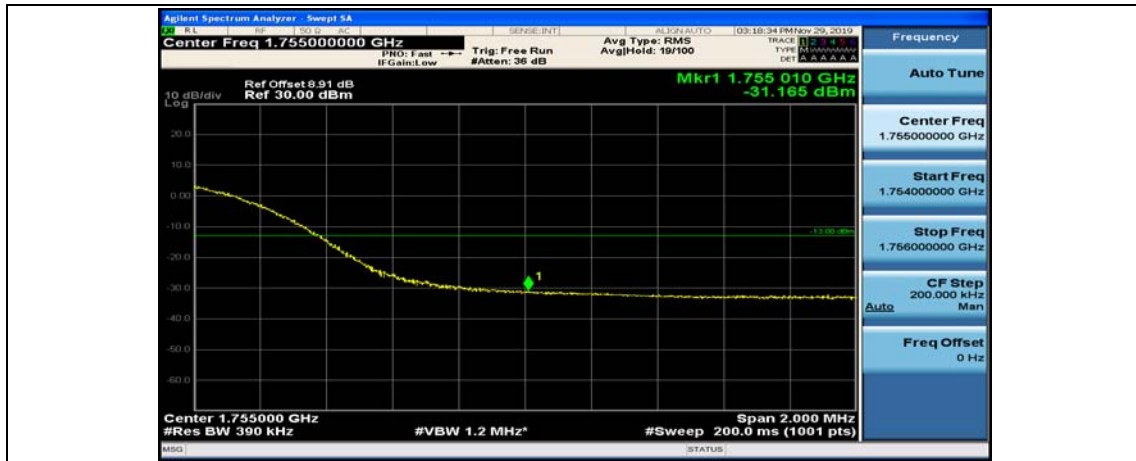
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#25



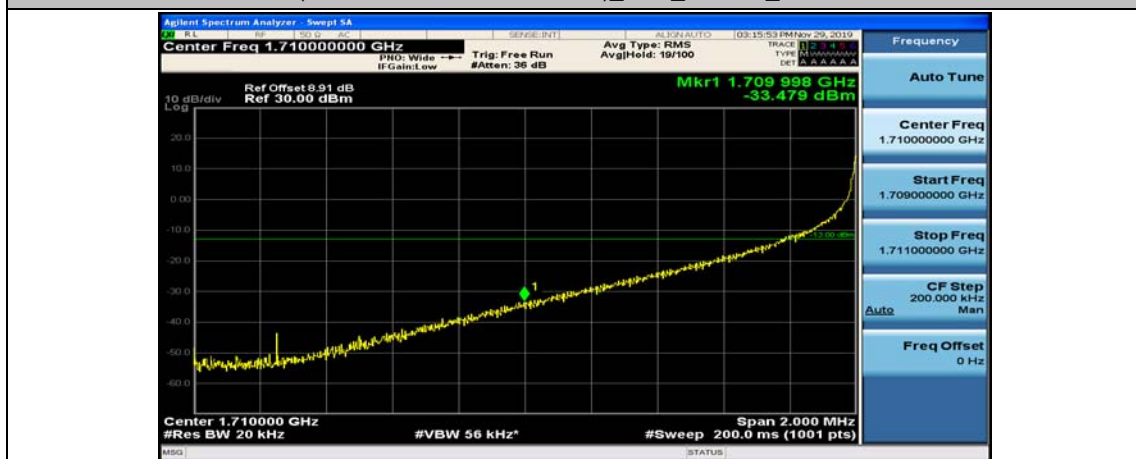
(Channel Bandwidth:20 MHz)_HCH_QPSK_50RB#50



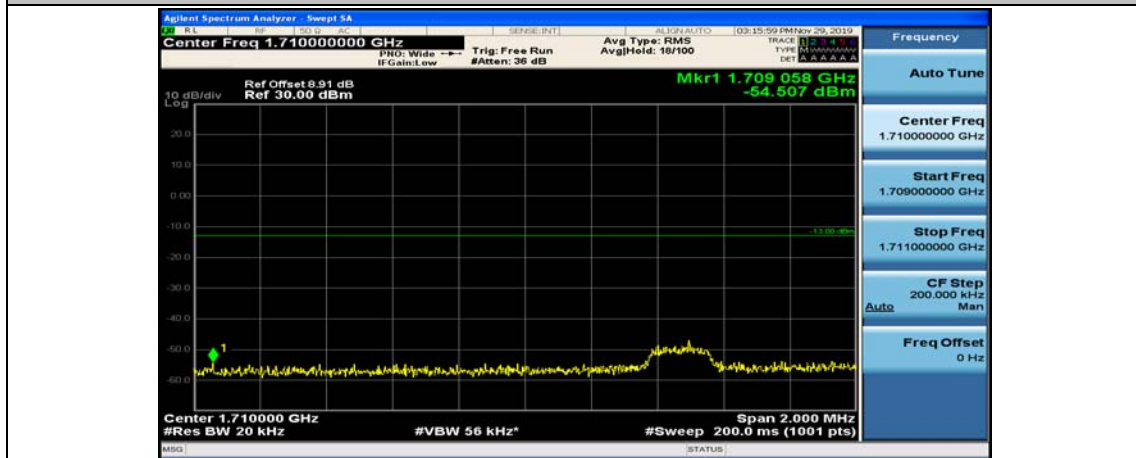
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



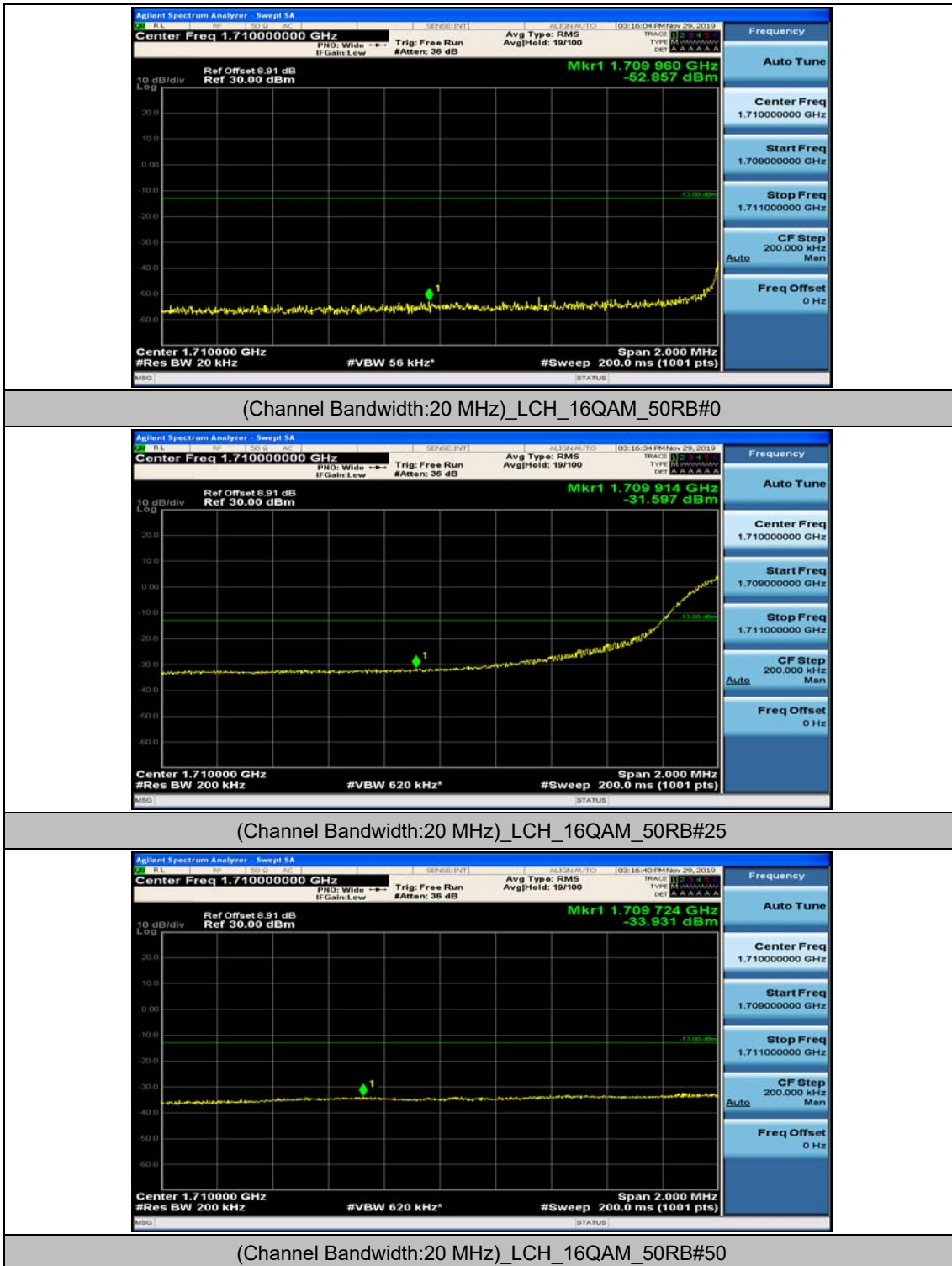
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0

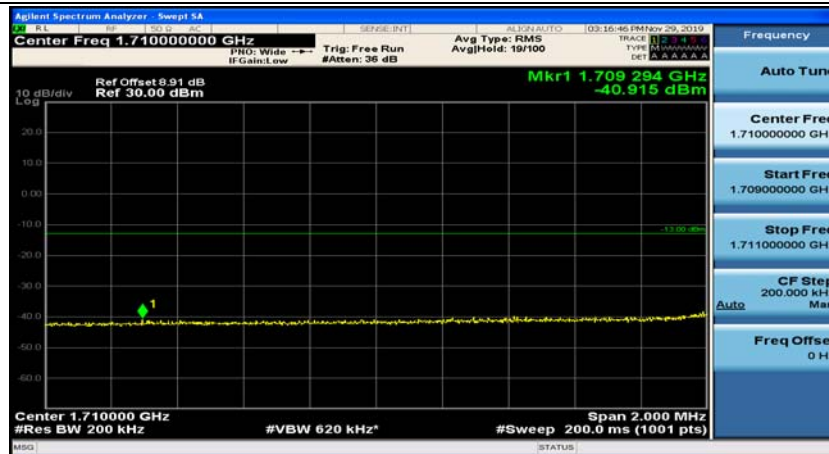


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49

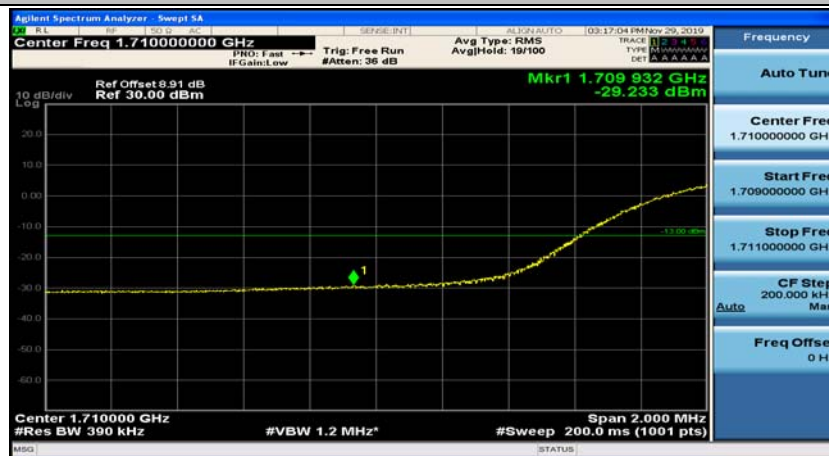


(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

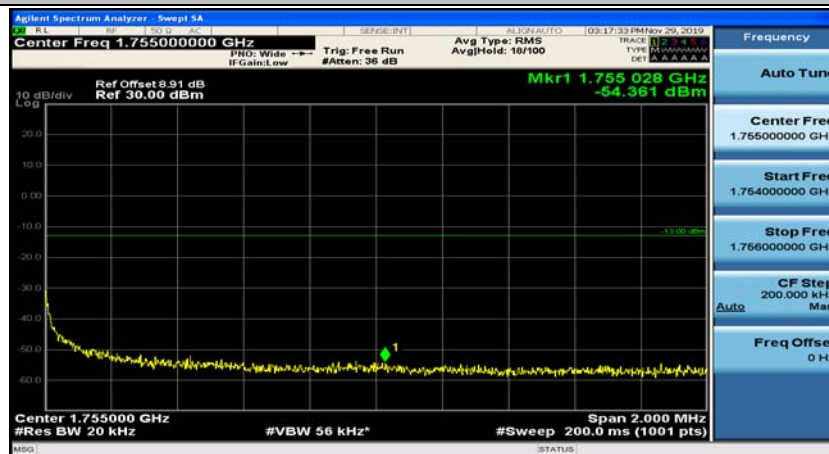




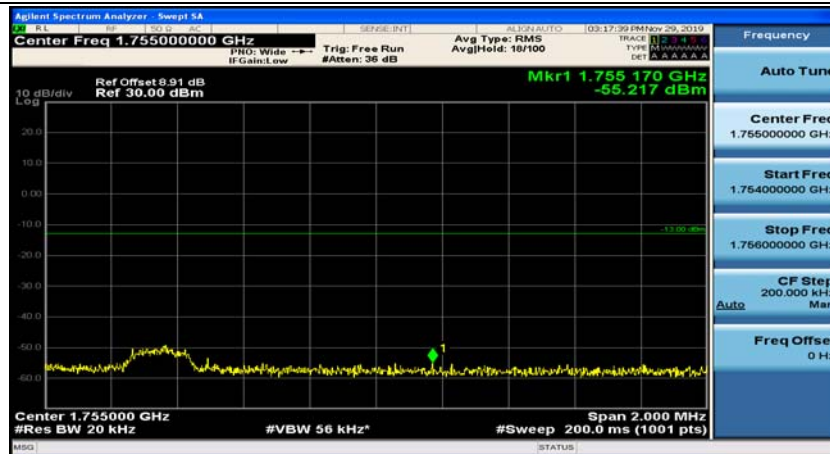
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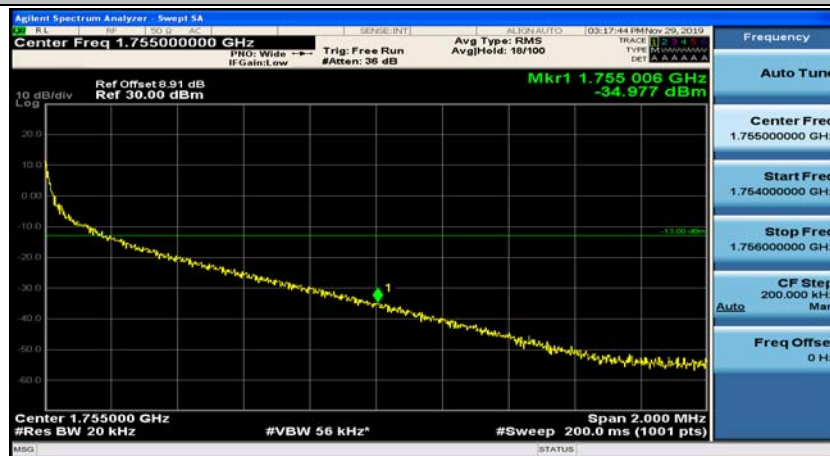
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0



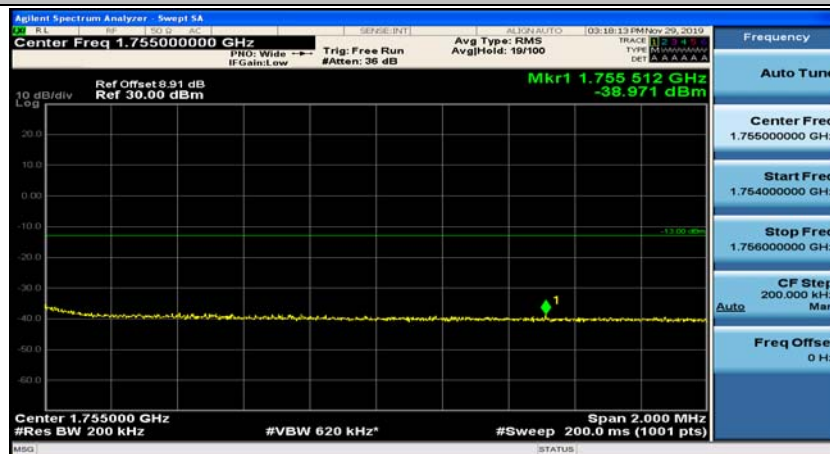
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



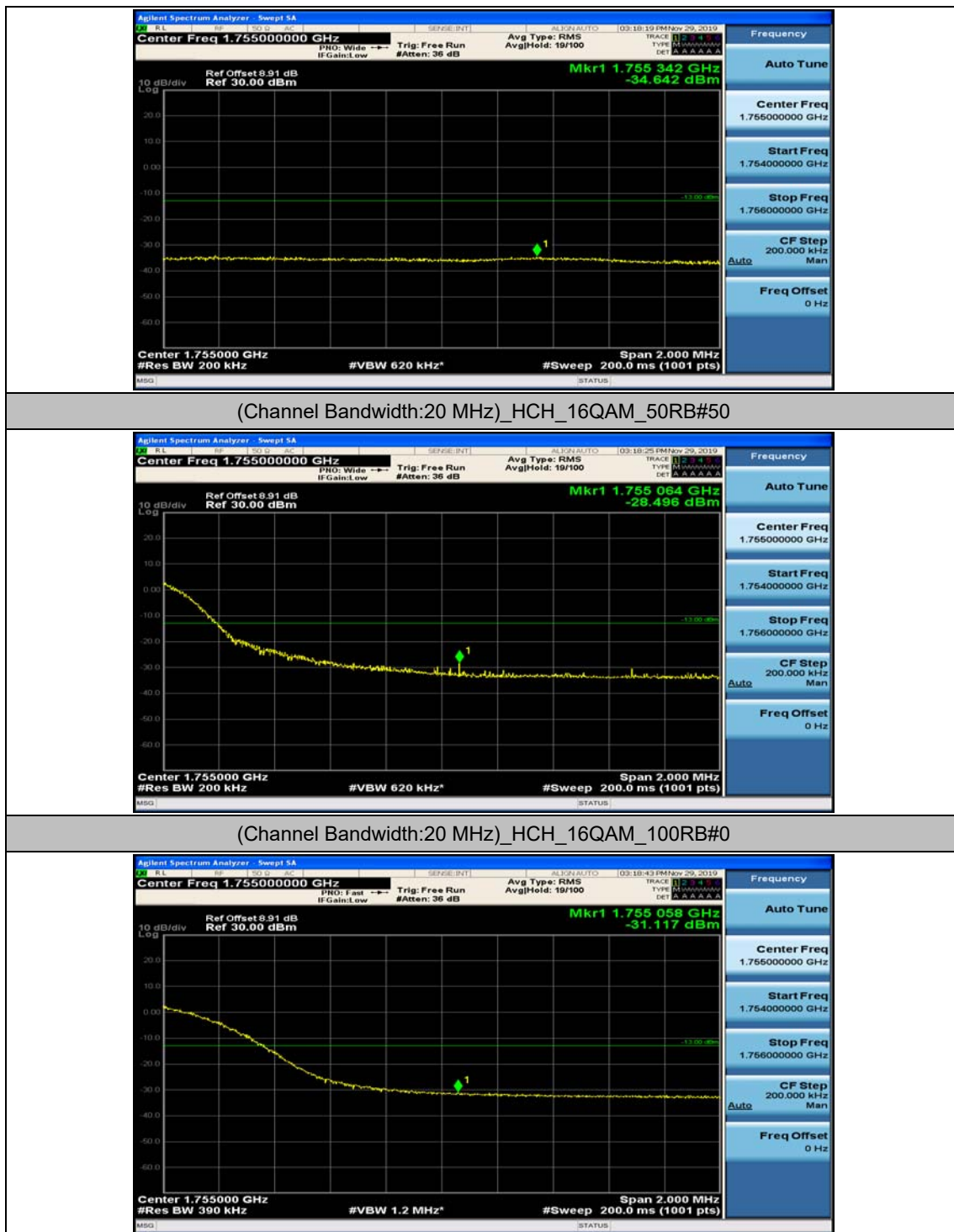
(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99



(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#0



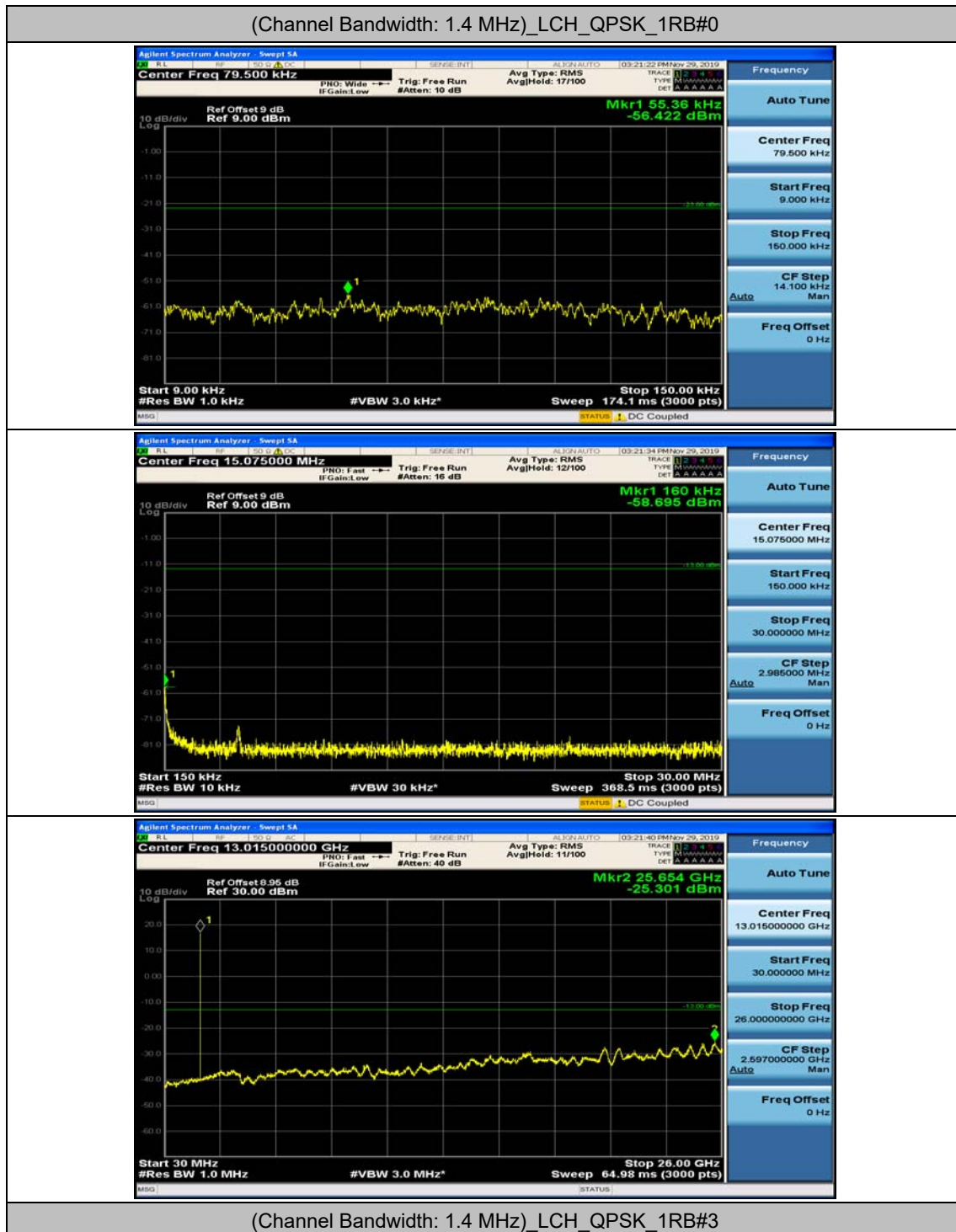
(Channel Bandwidth:20 MHz)_HCH_16QAM_50RB#25

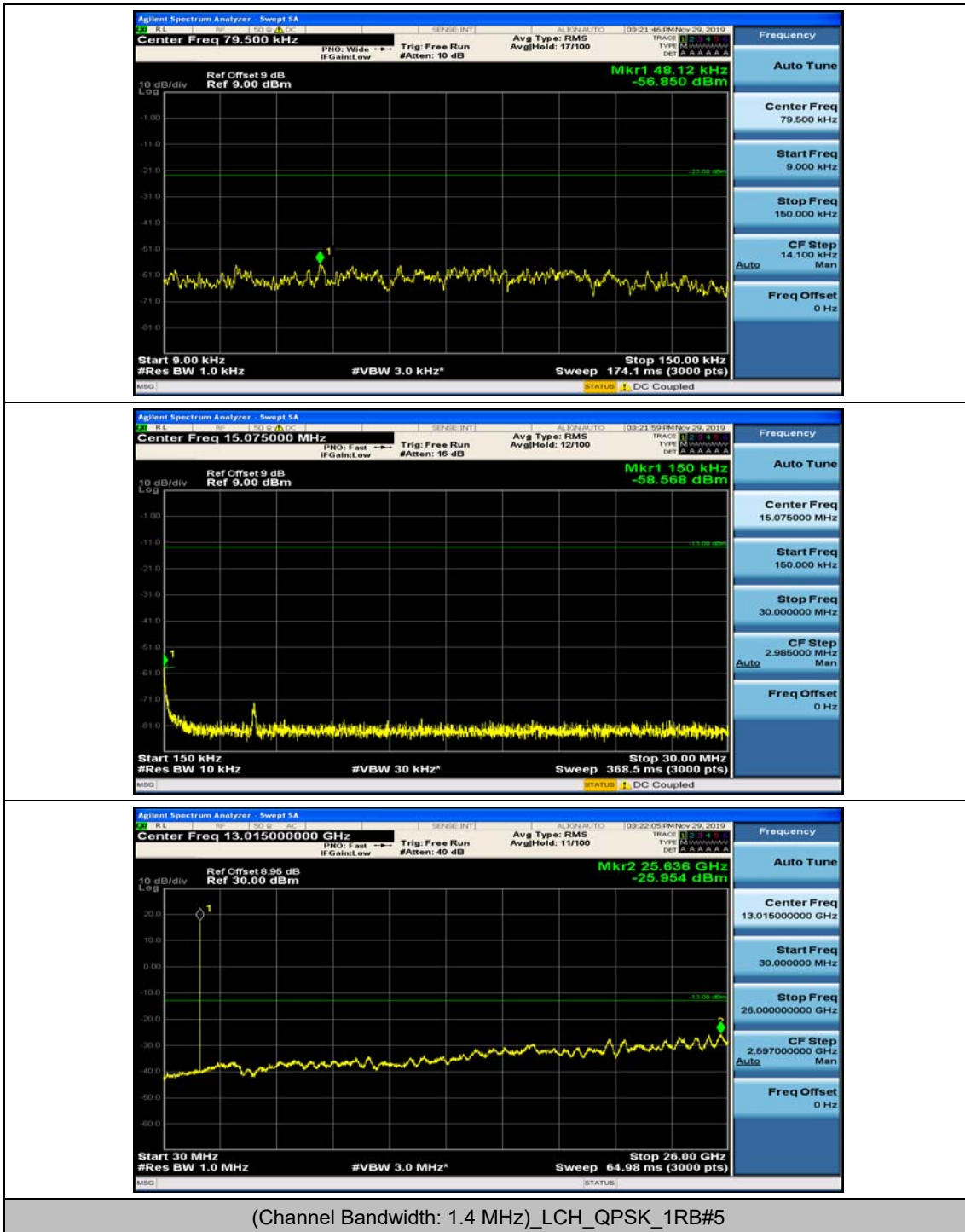


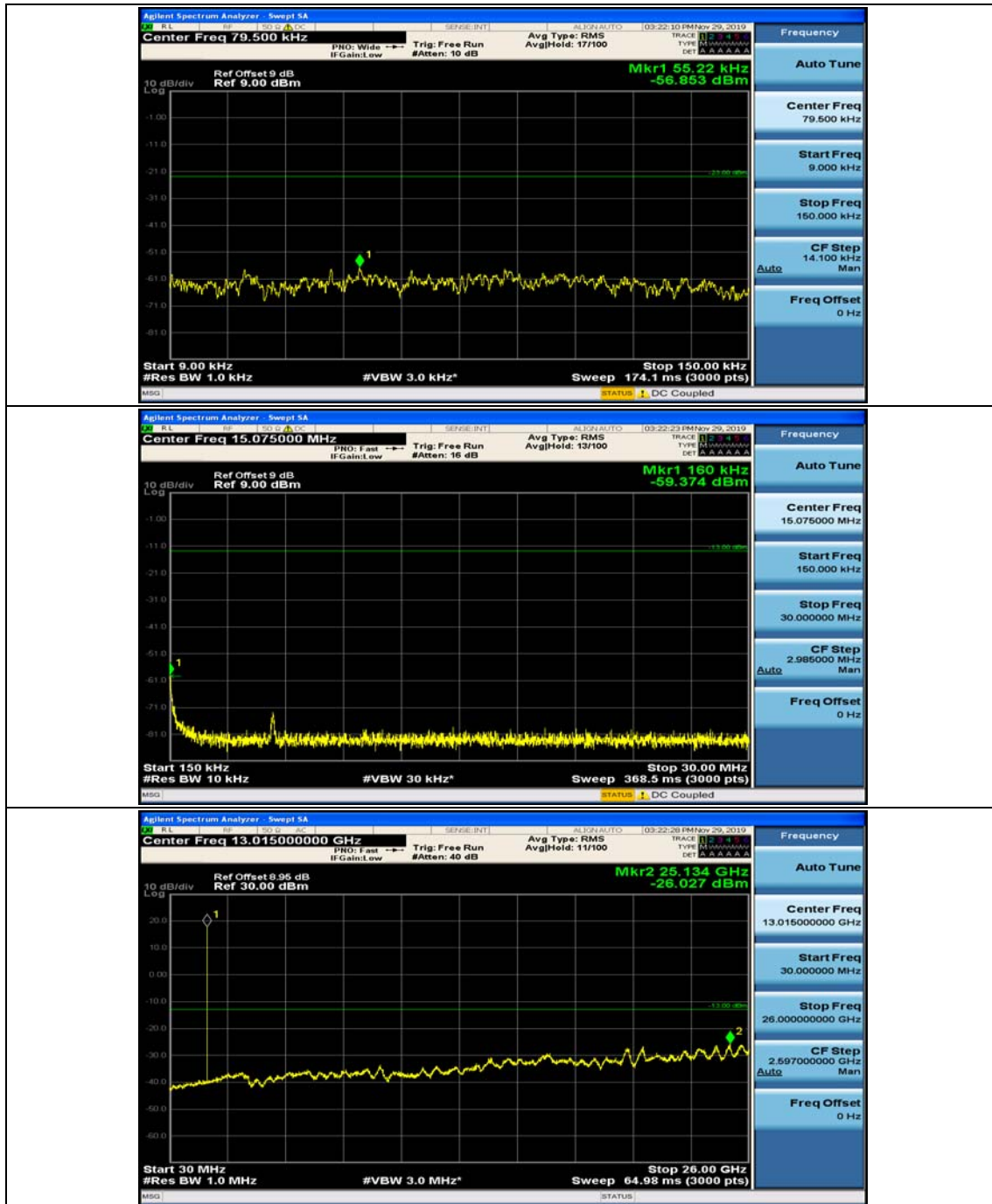
Appendix E: Conducted Spurious Emission

Test Graphs

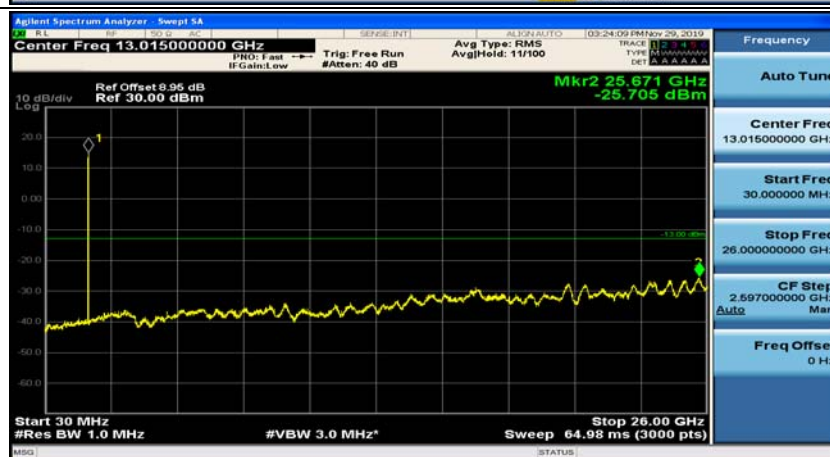
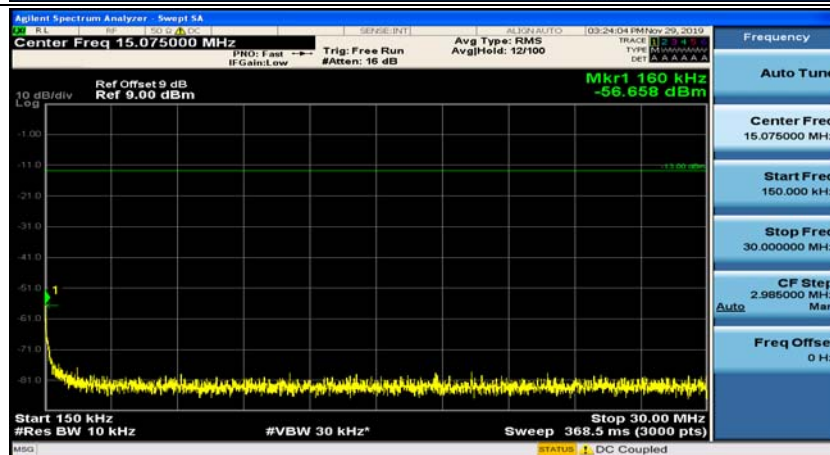
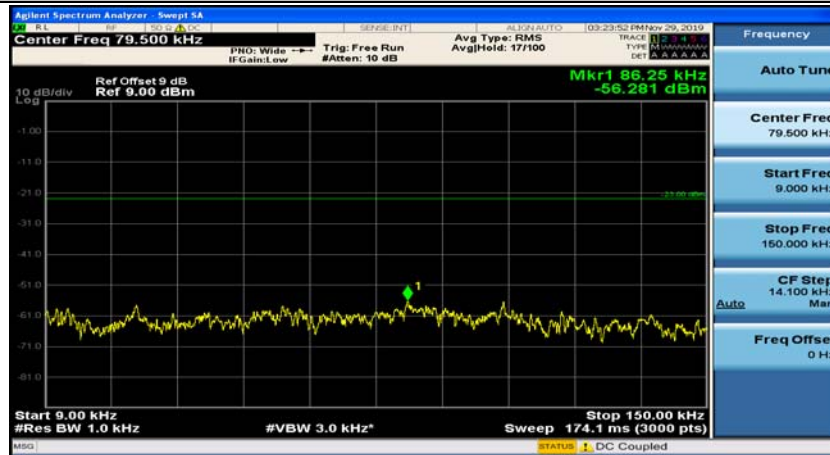
Channel Bandwidth: 1.4 MHz



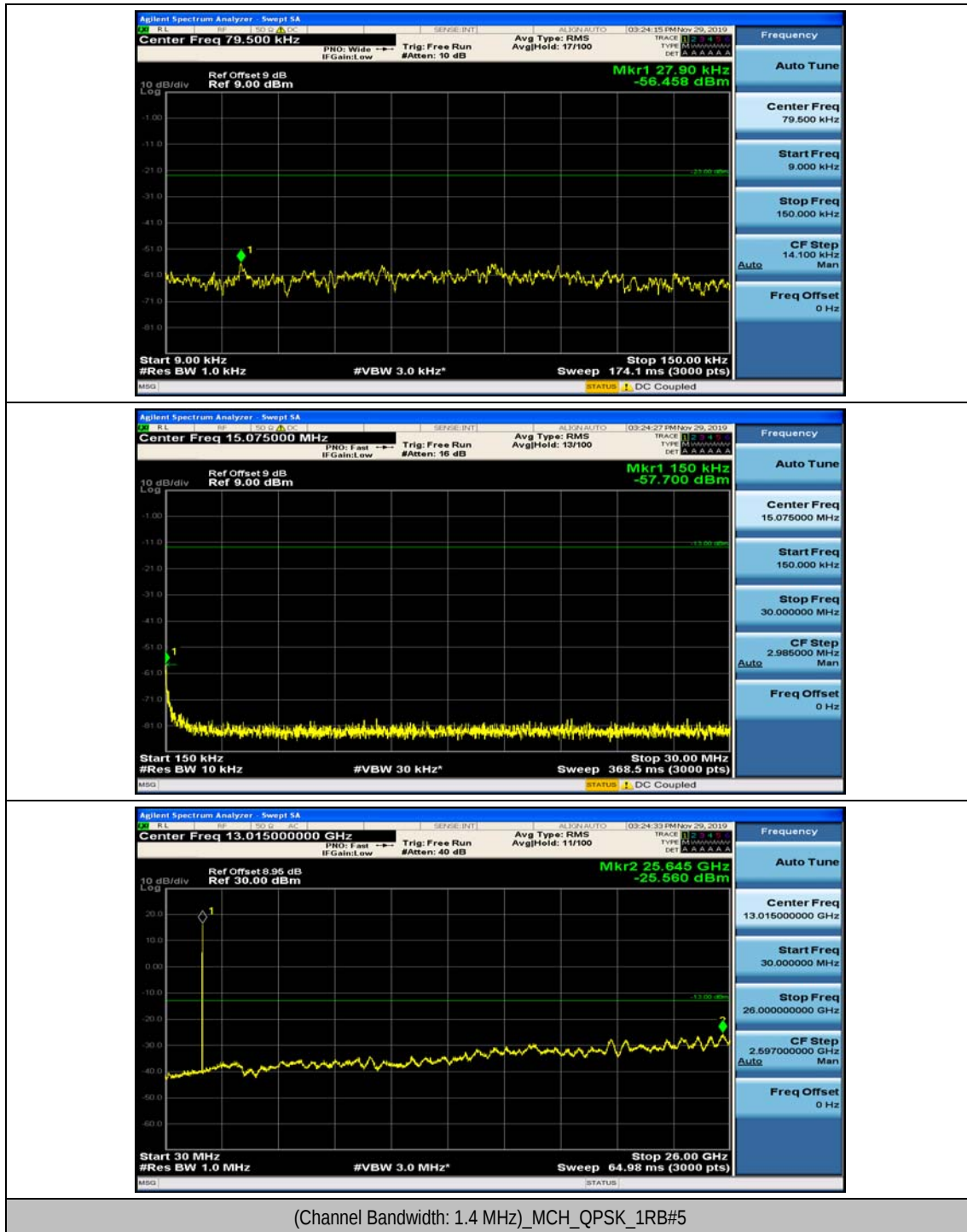


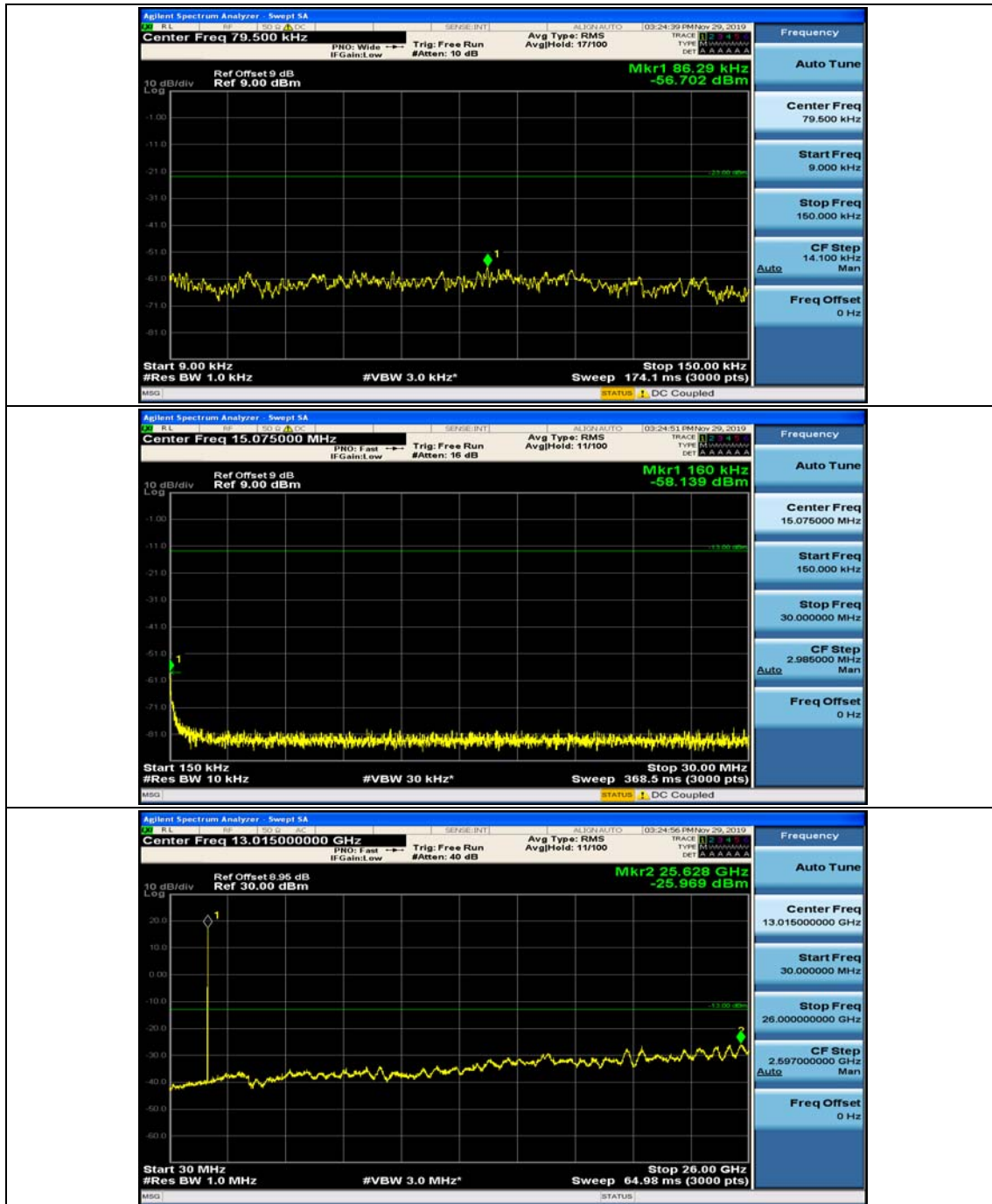


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

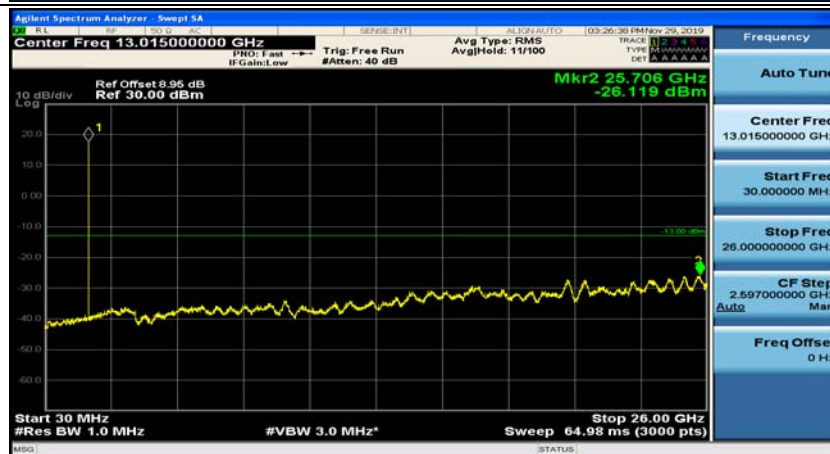
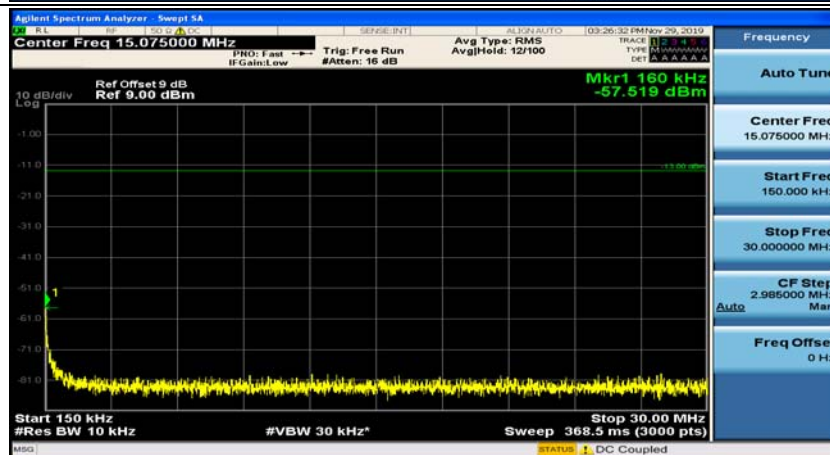
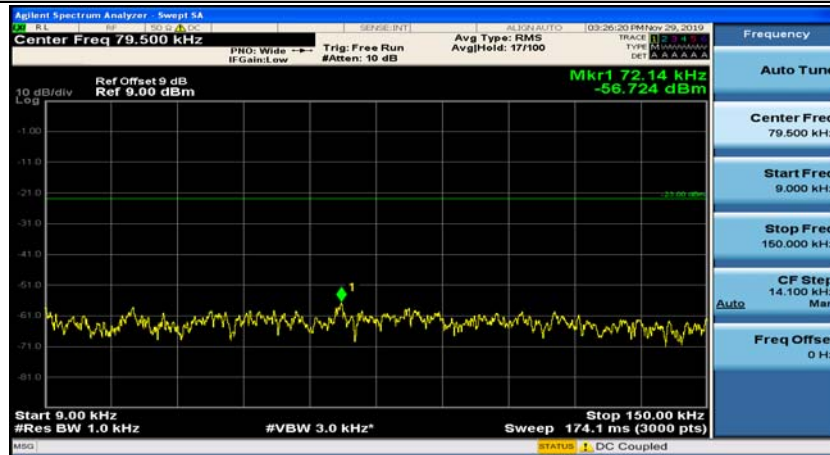


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

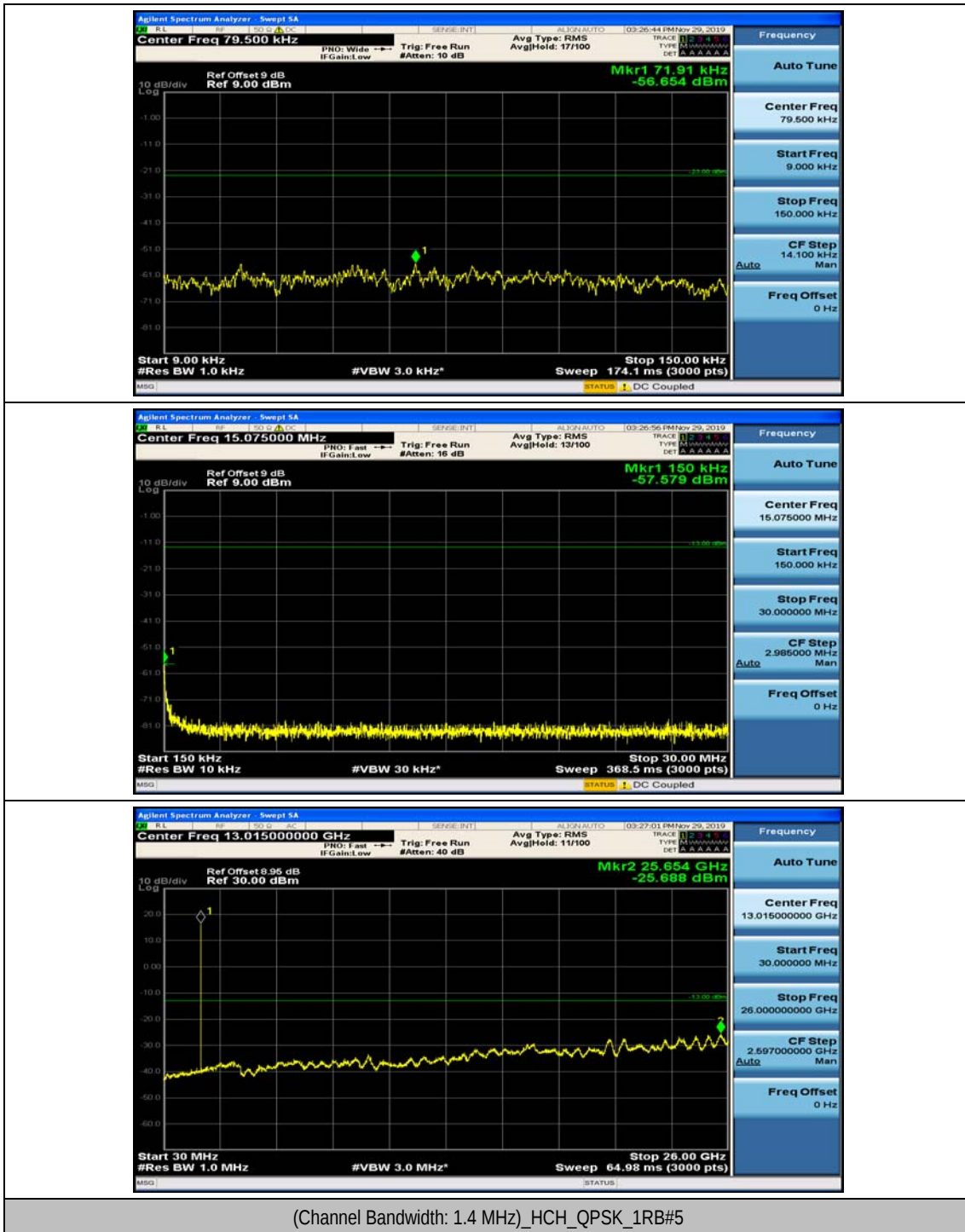


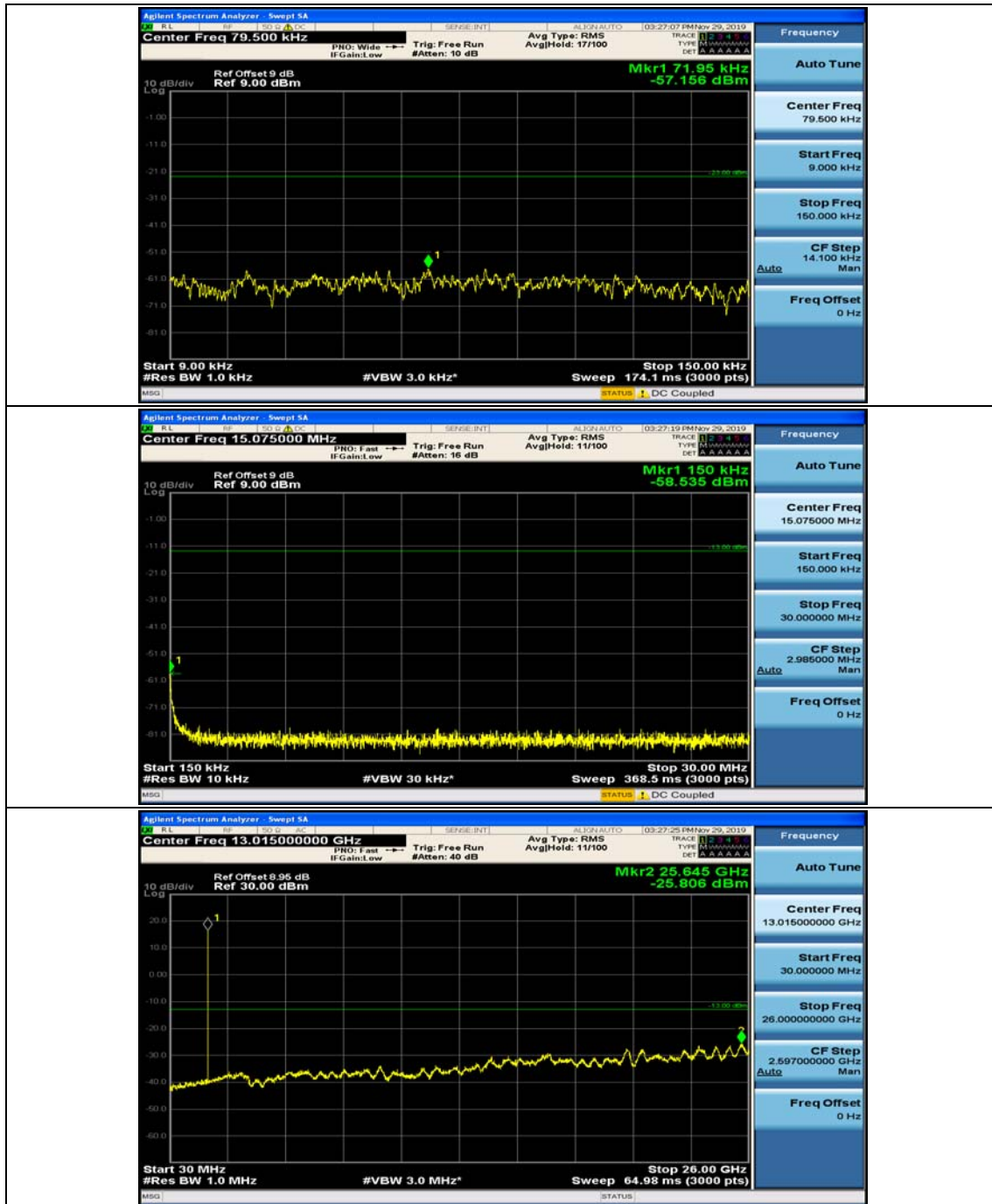


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

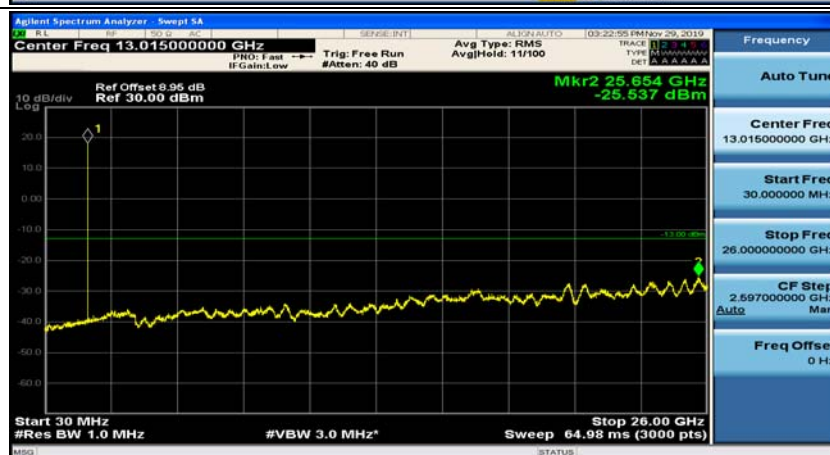
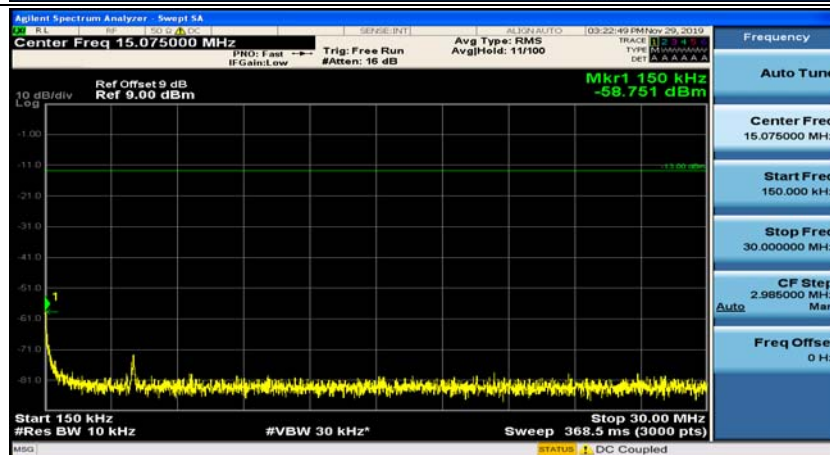
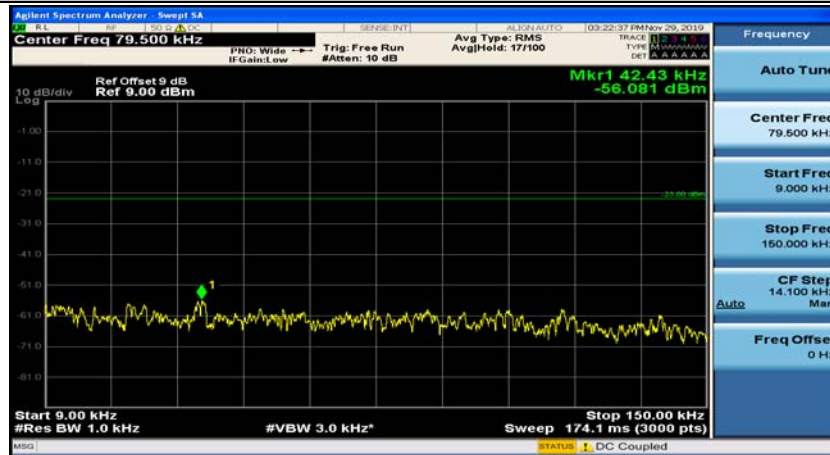


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

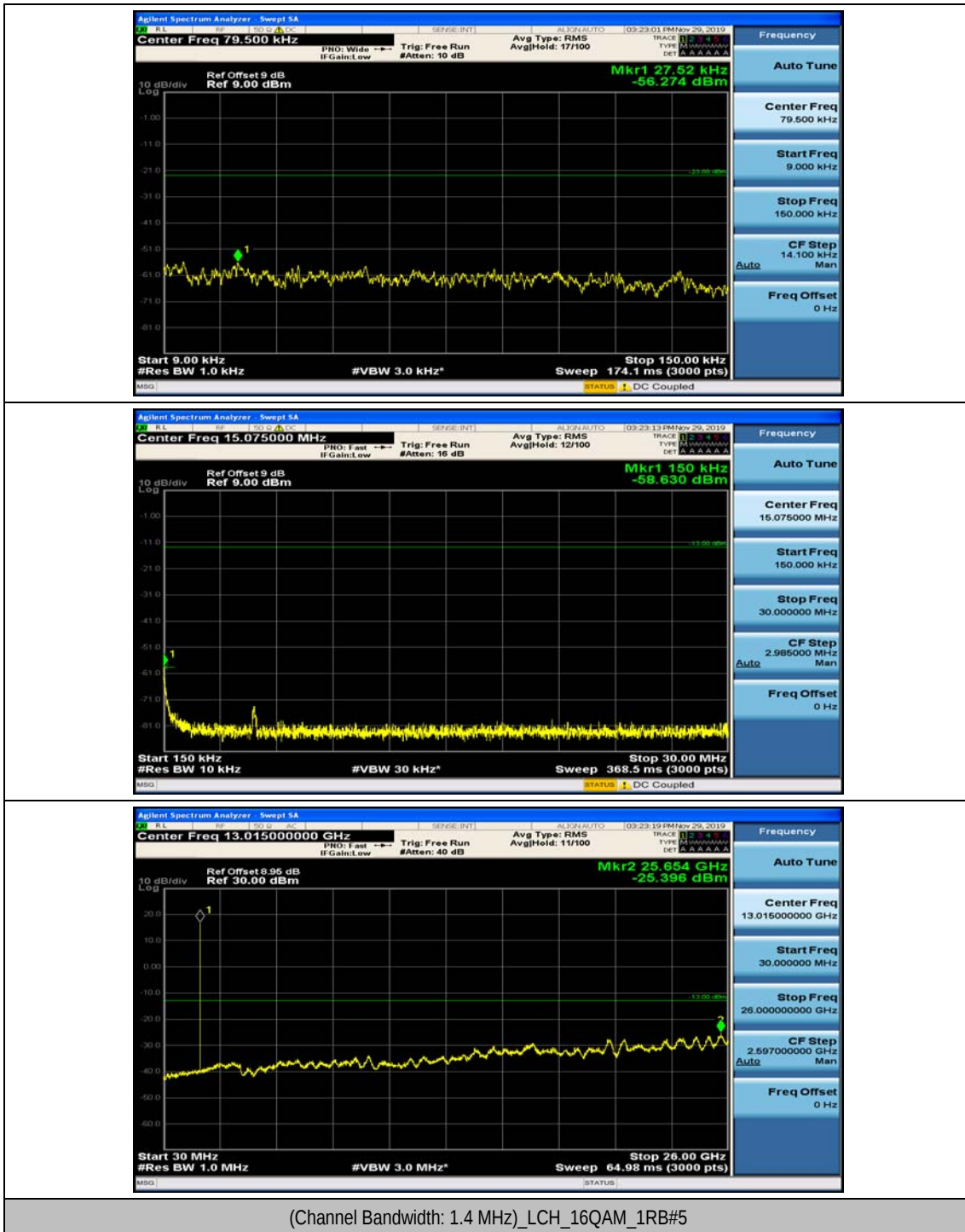


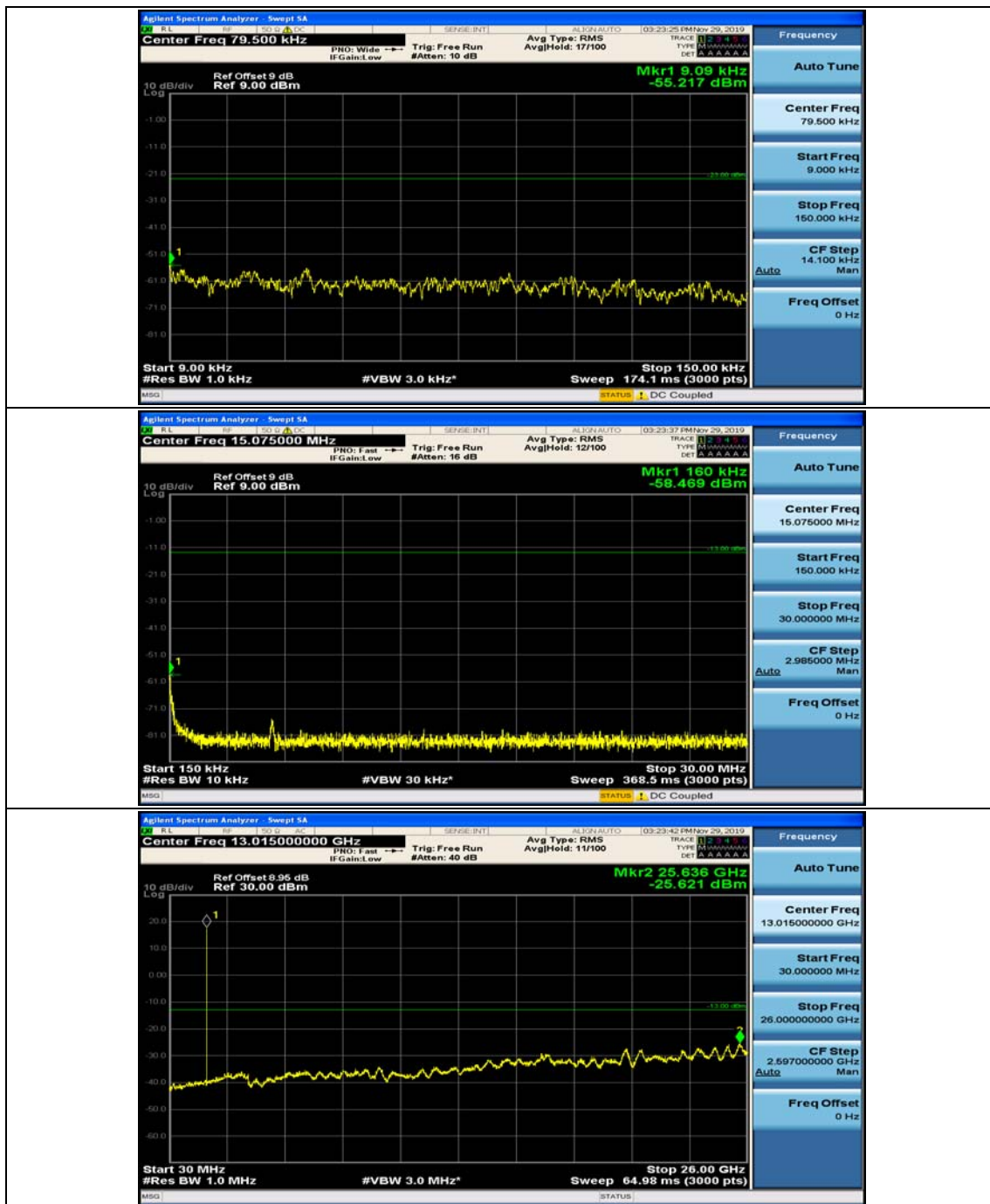


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0

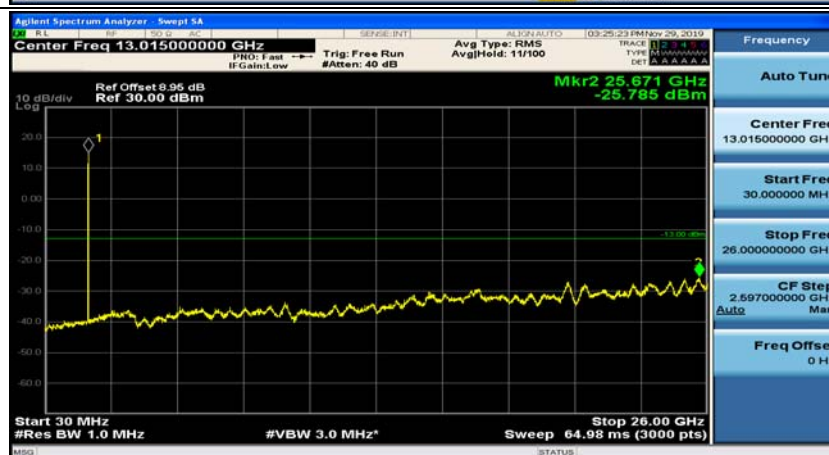
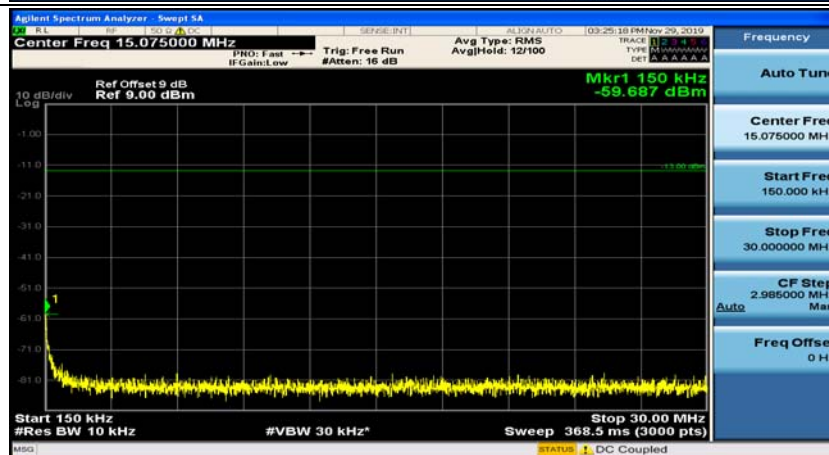
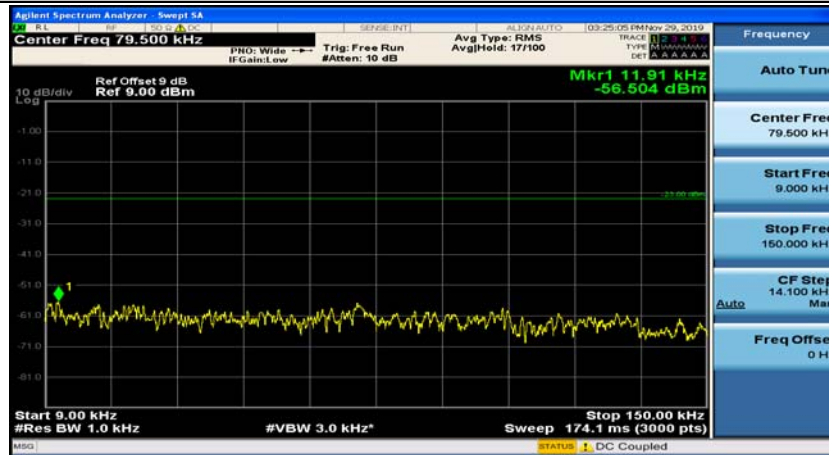


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

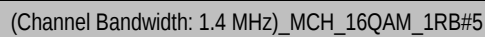


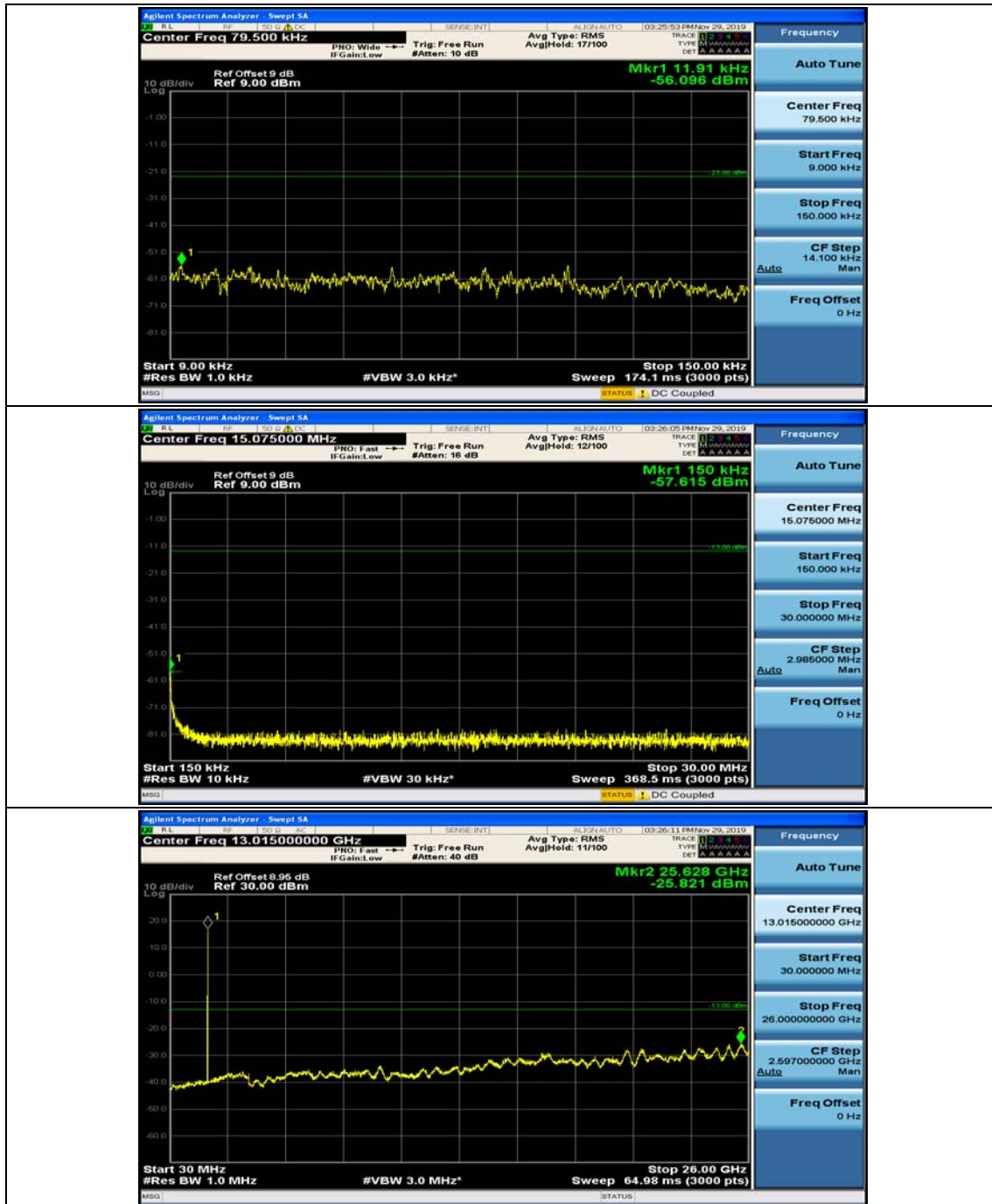


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

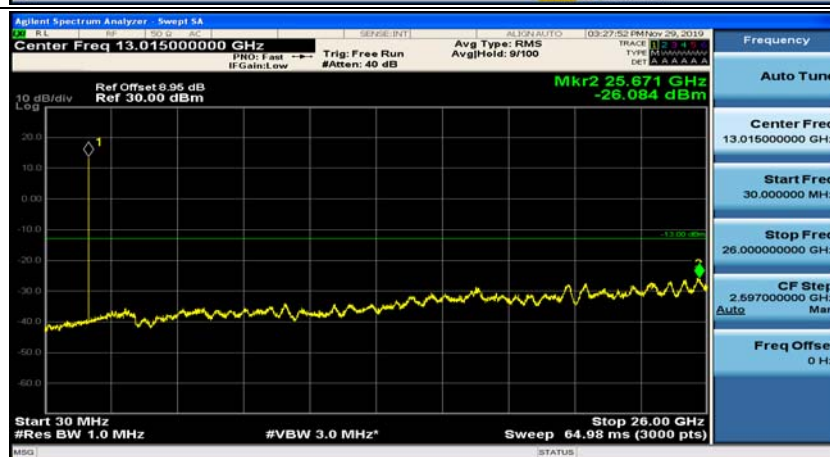
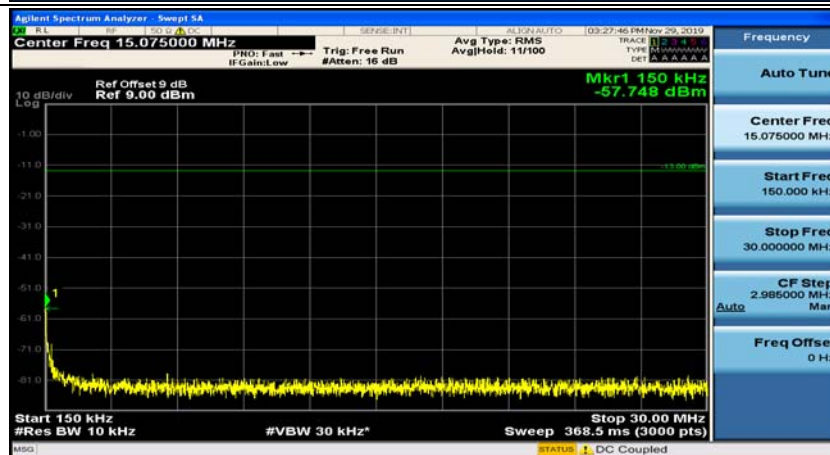


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

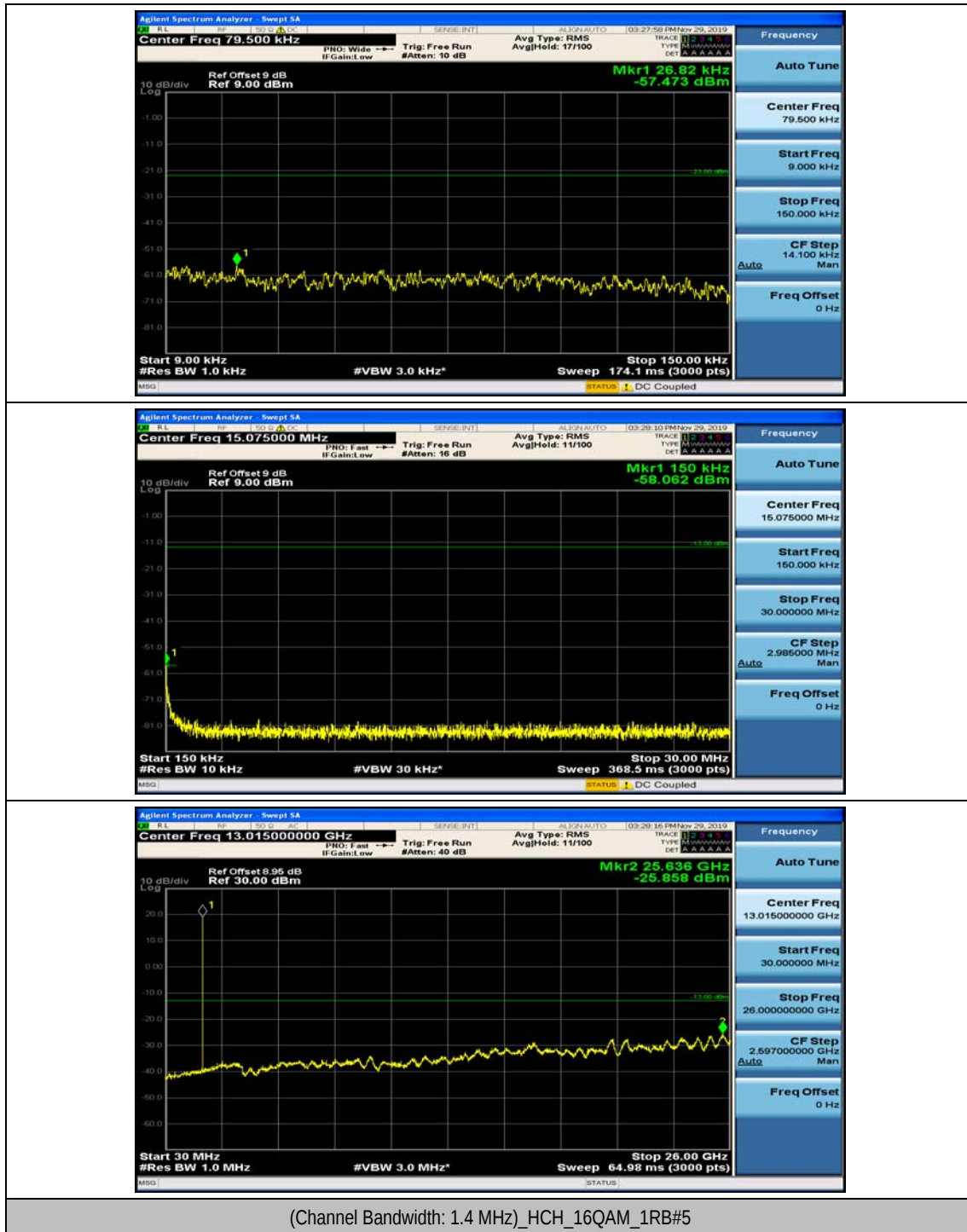


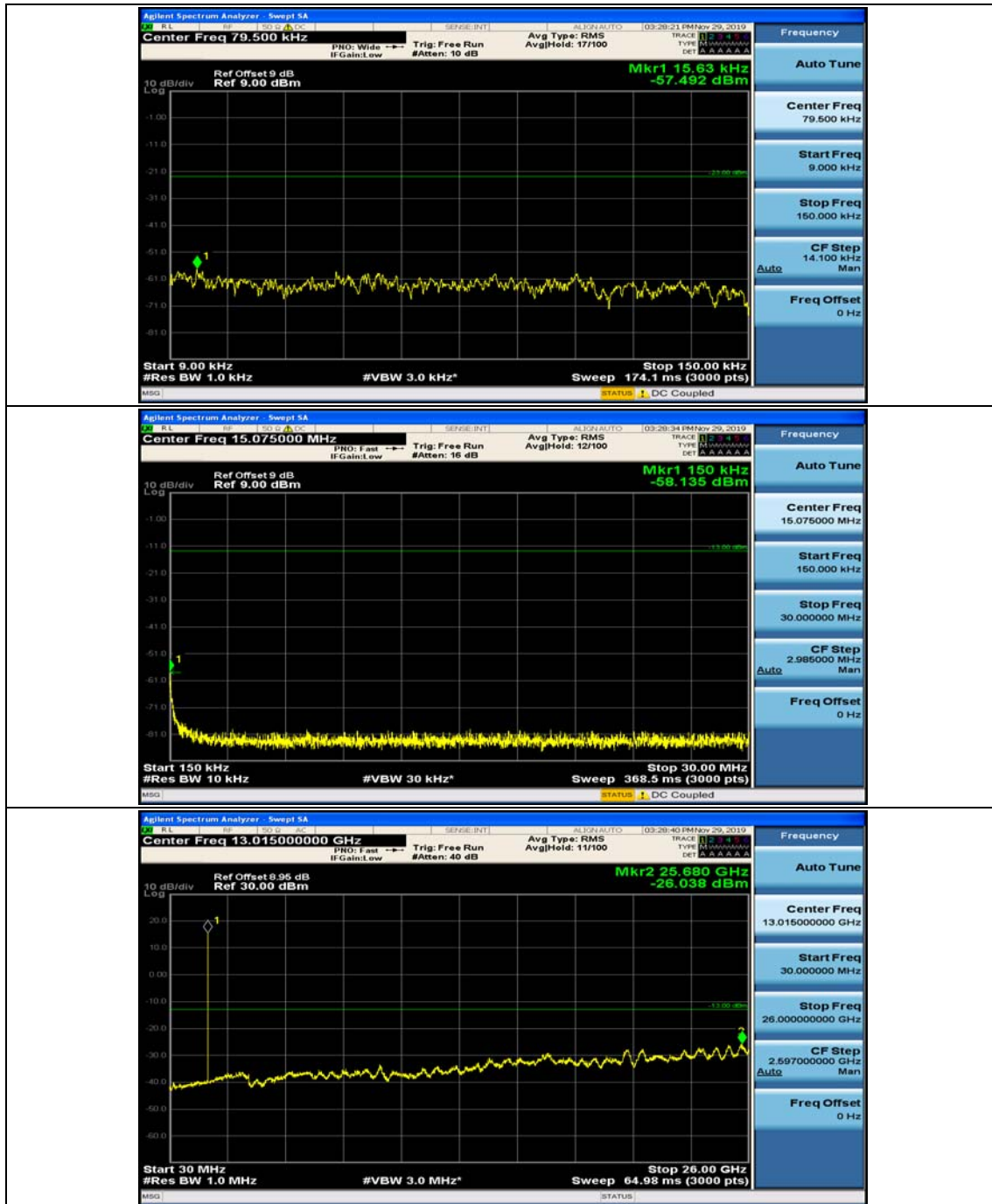


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

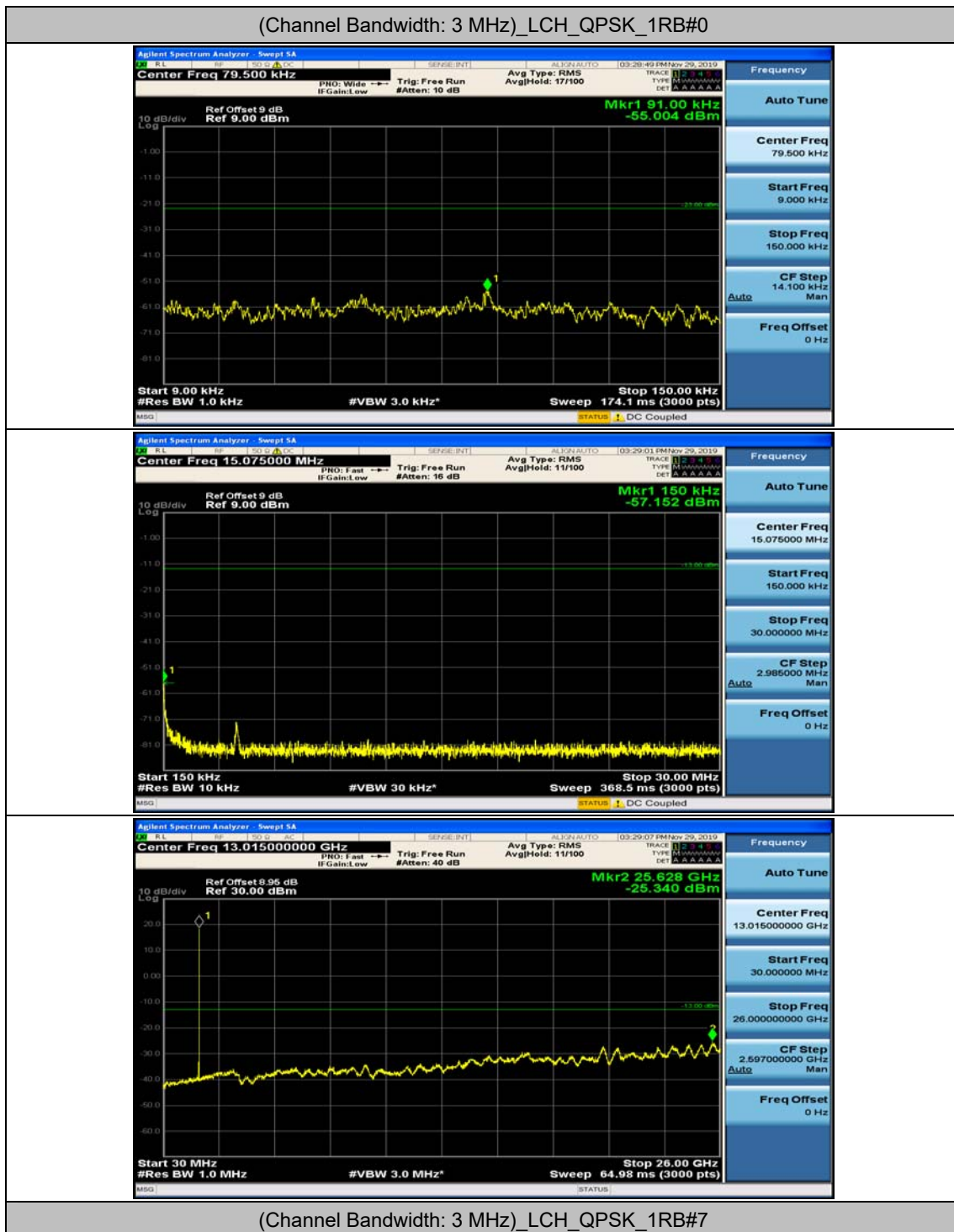


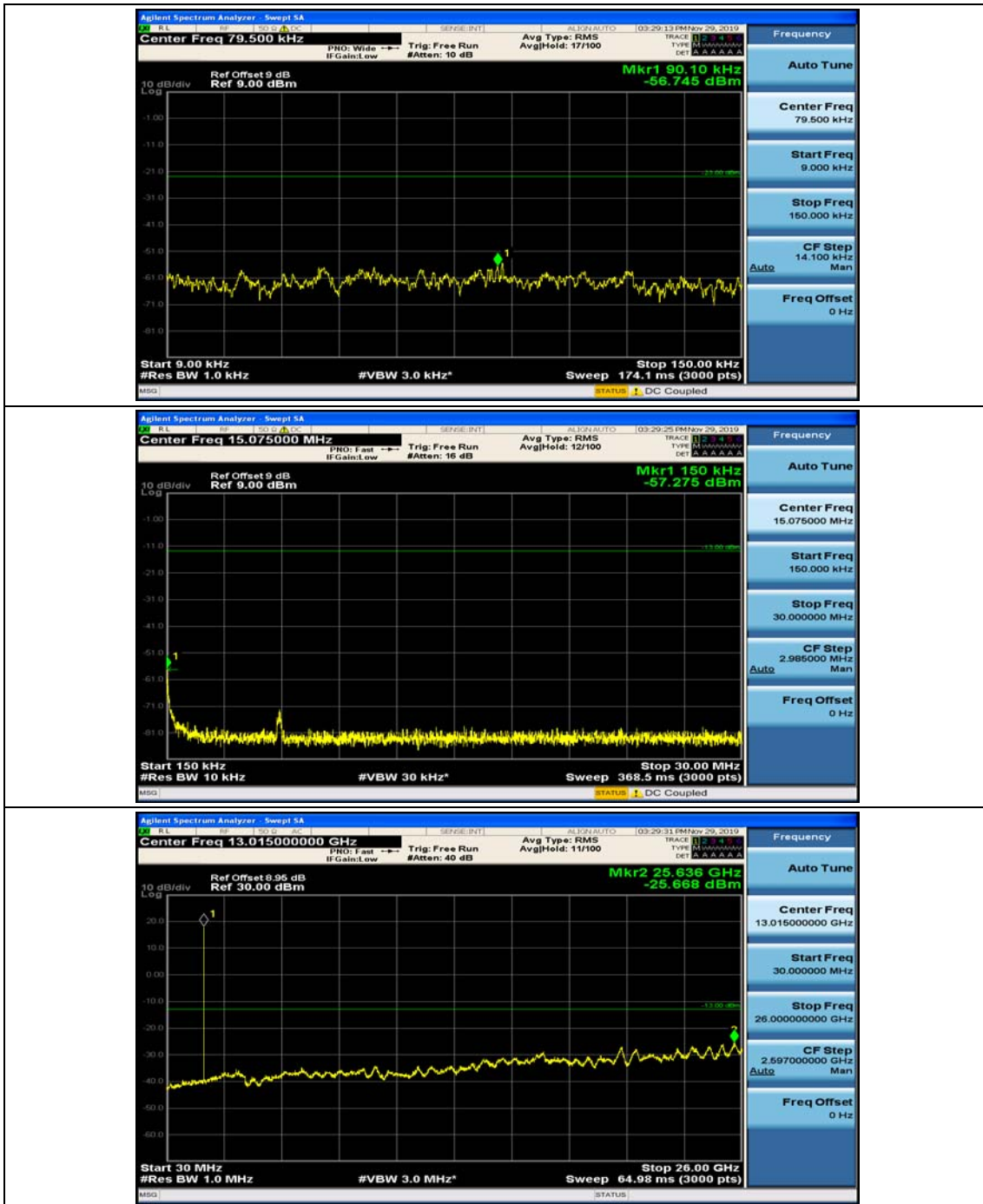
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



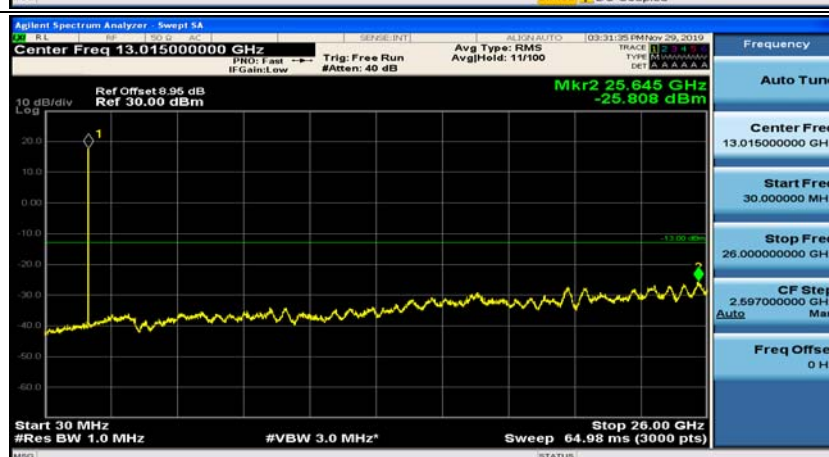
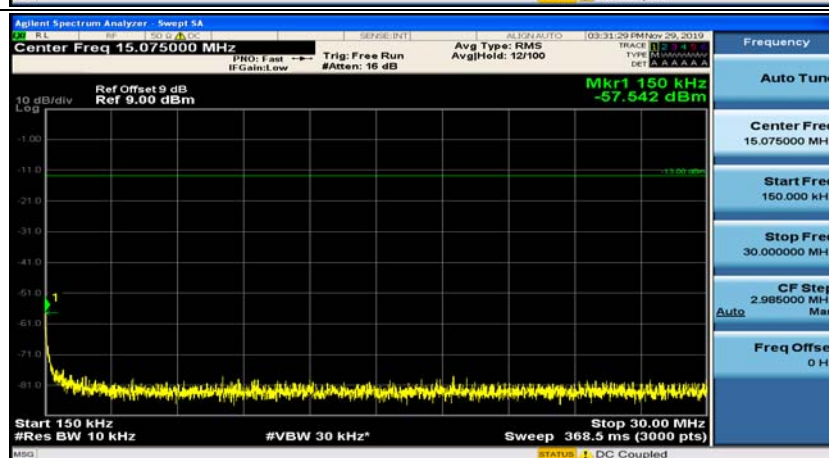
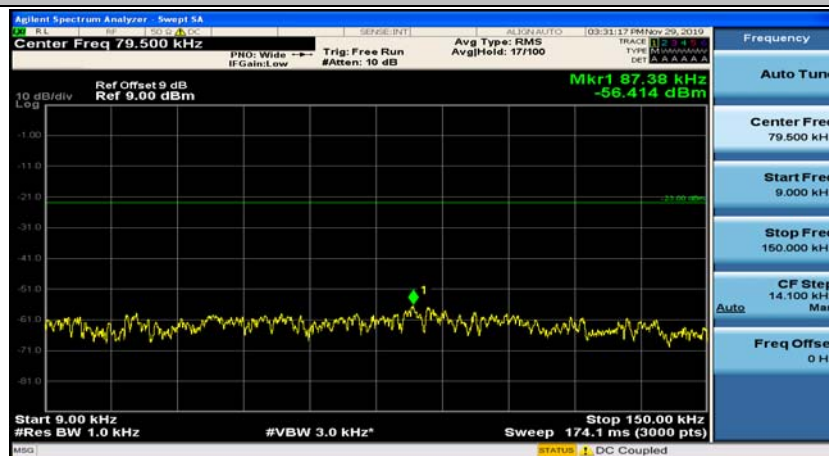


Channel Bandwidth: 3 MHz

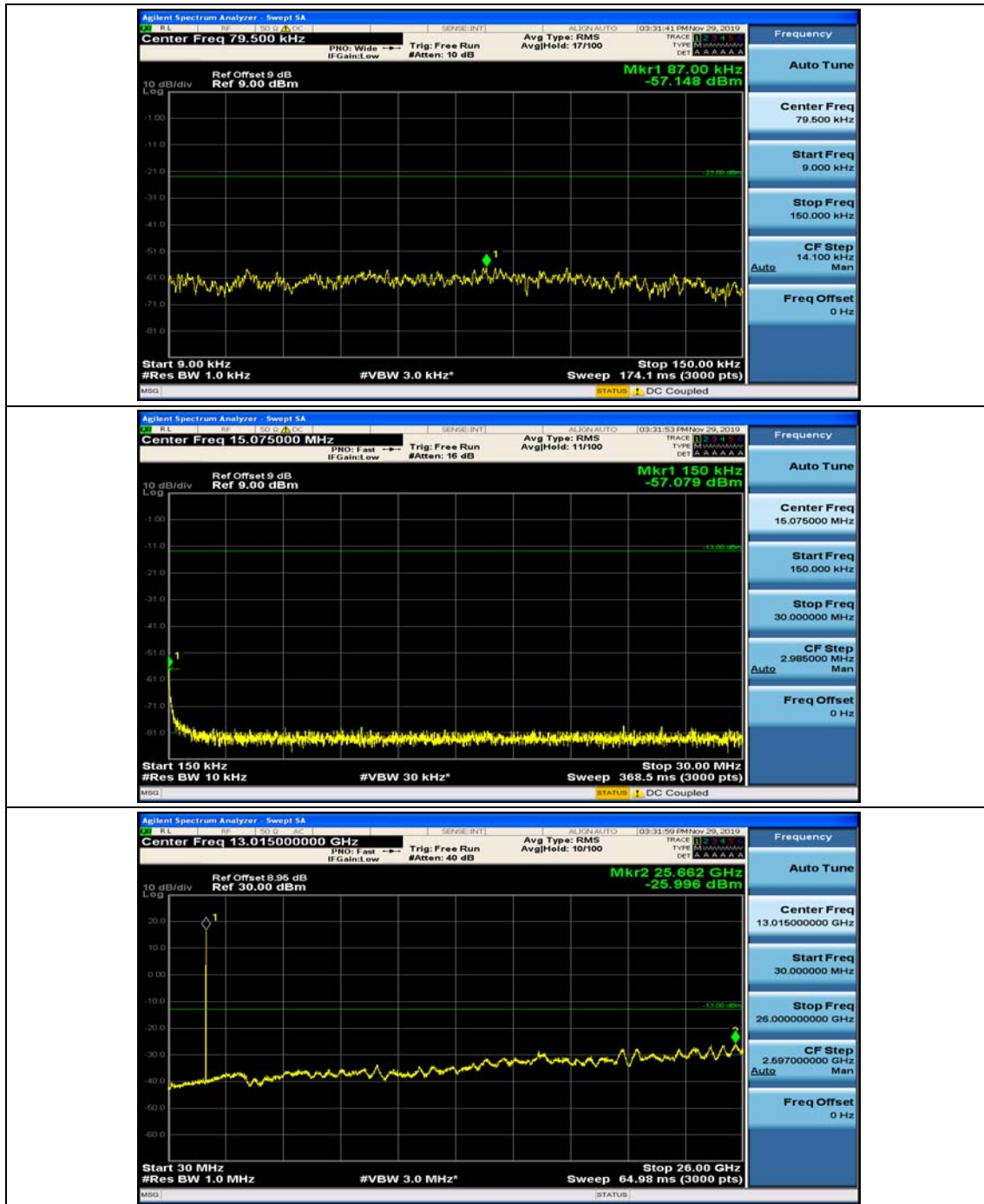




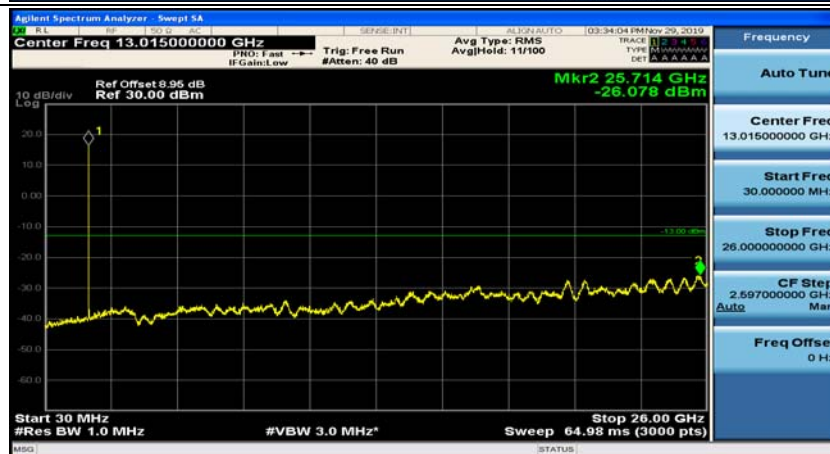
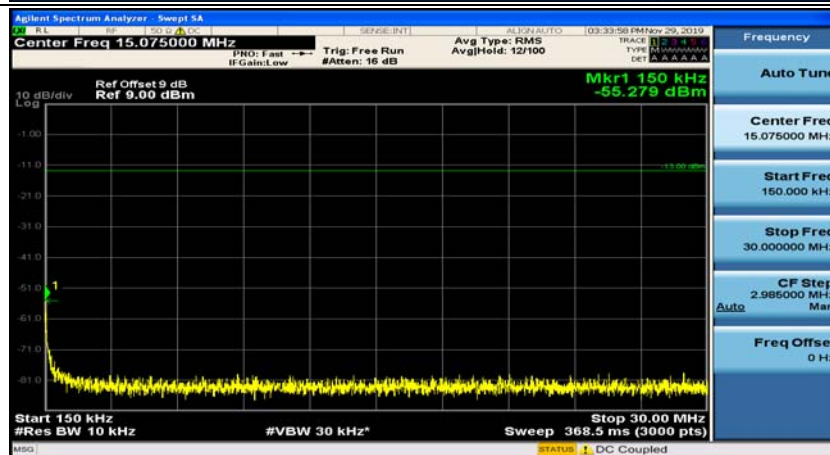
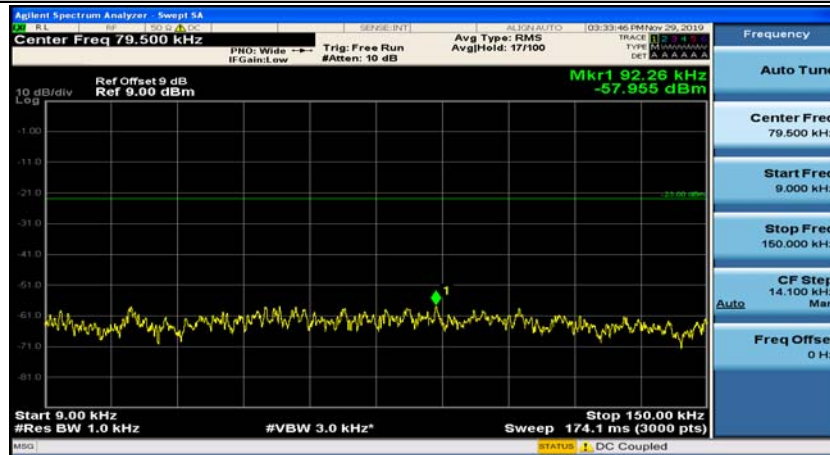
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



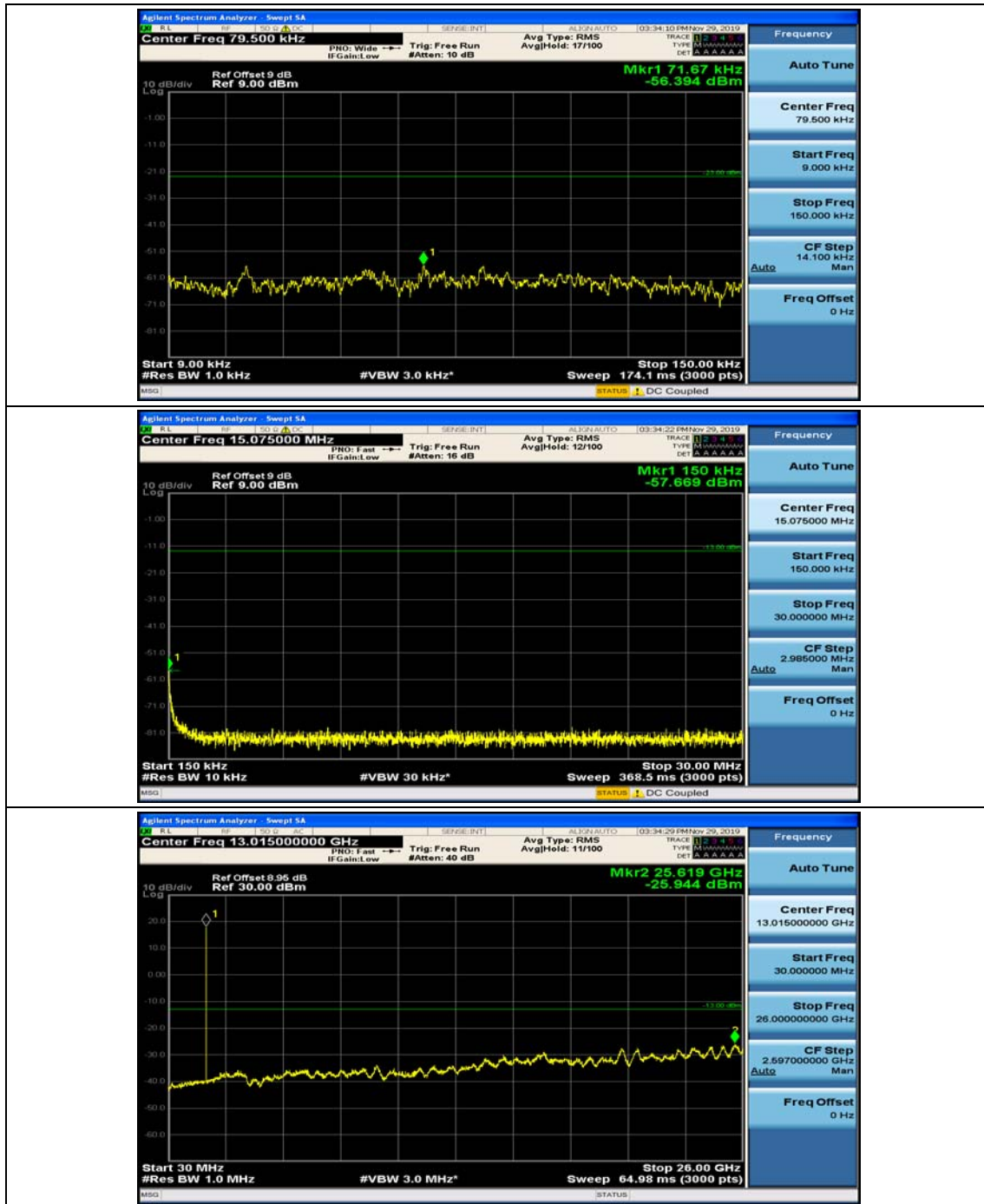
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



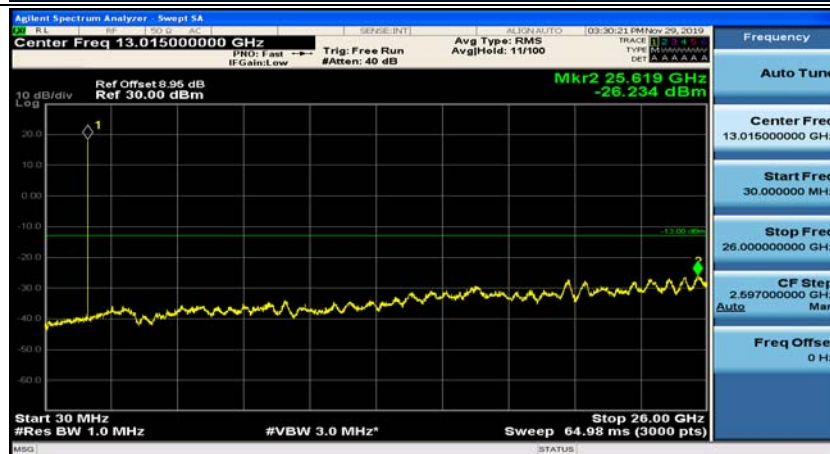
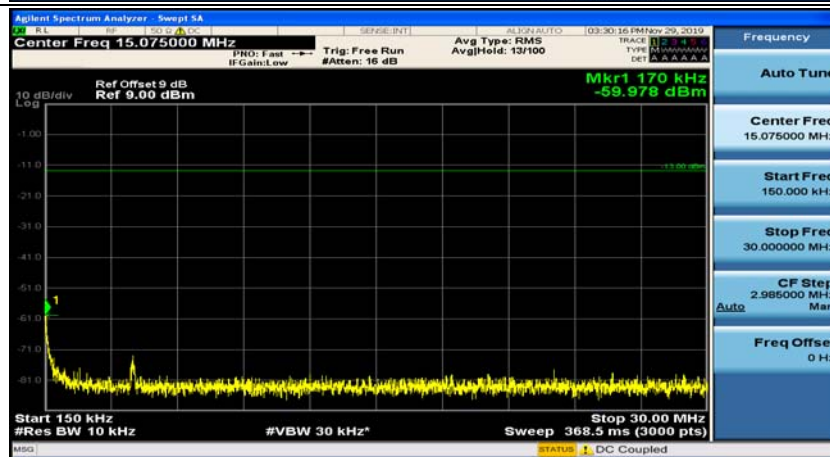
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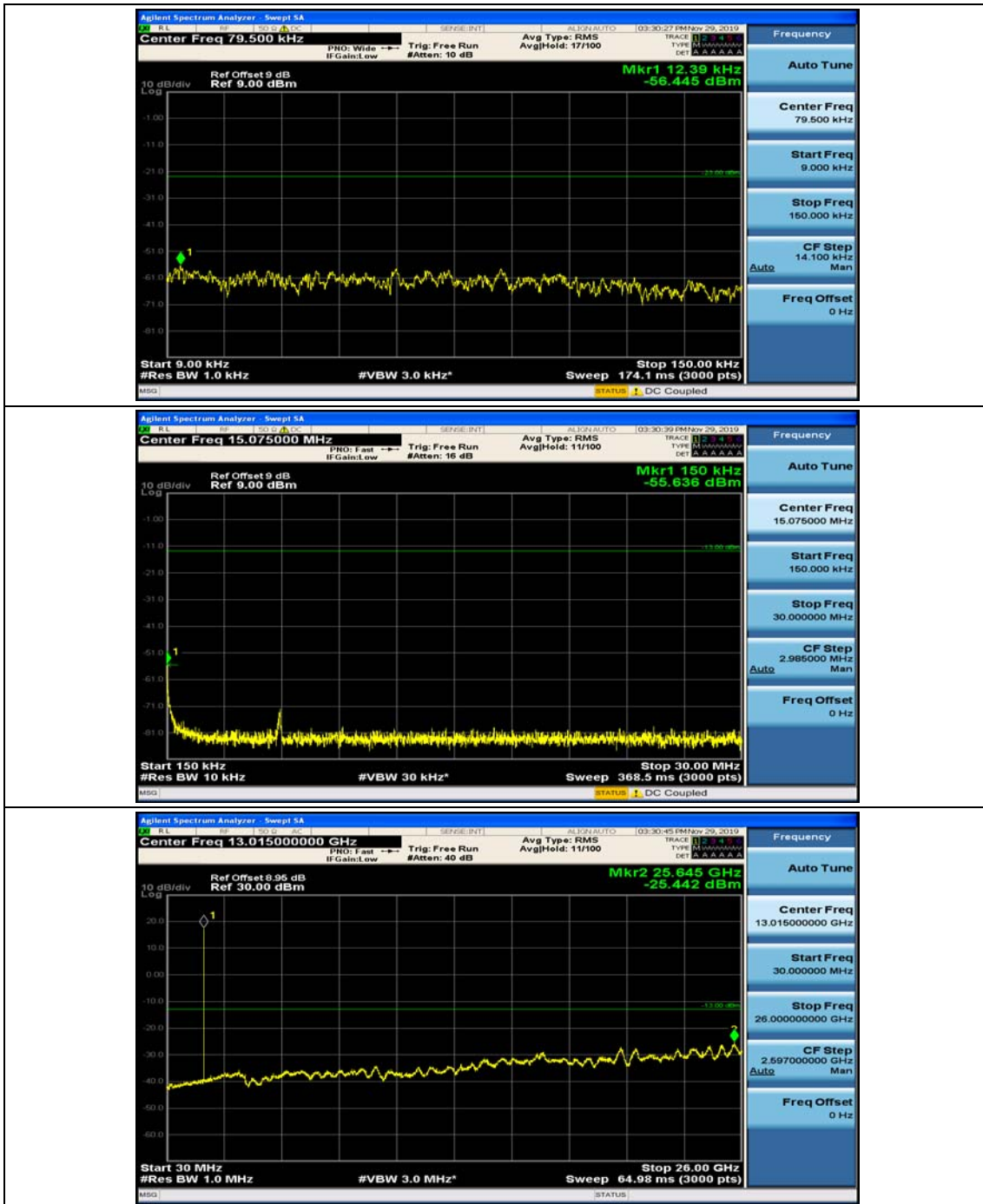
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



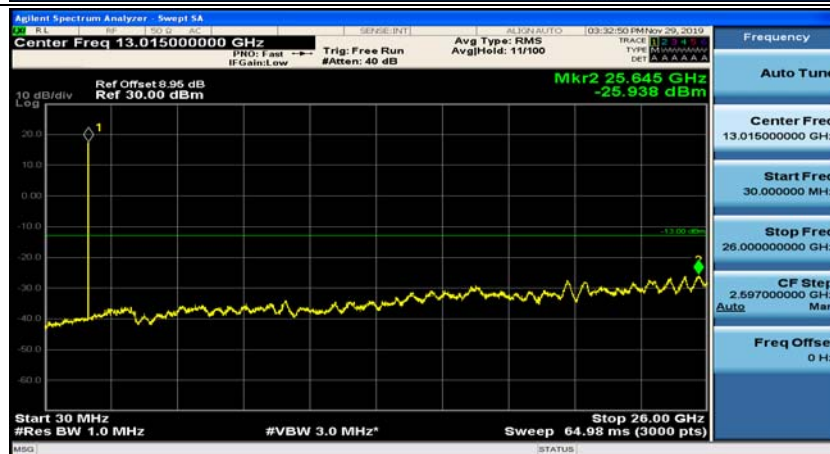
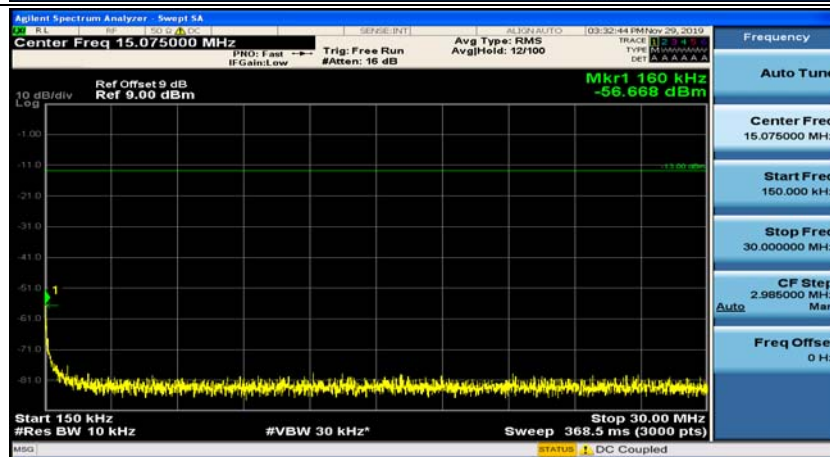
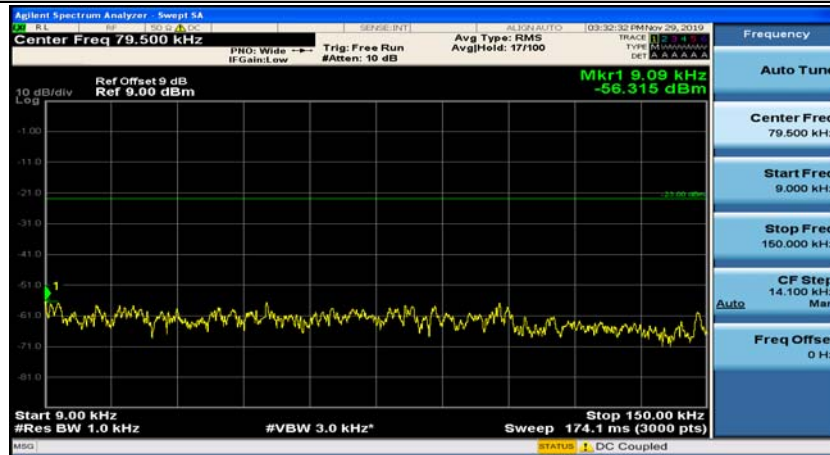
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7