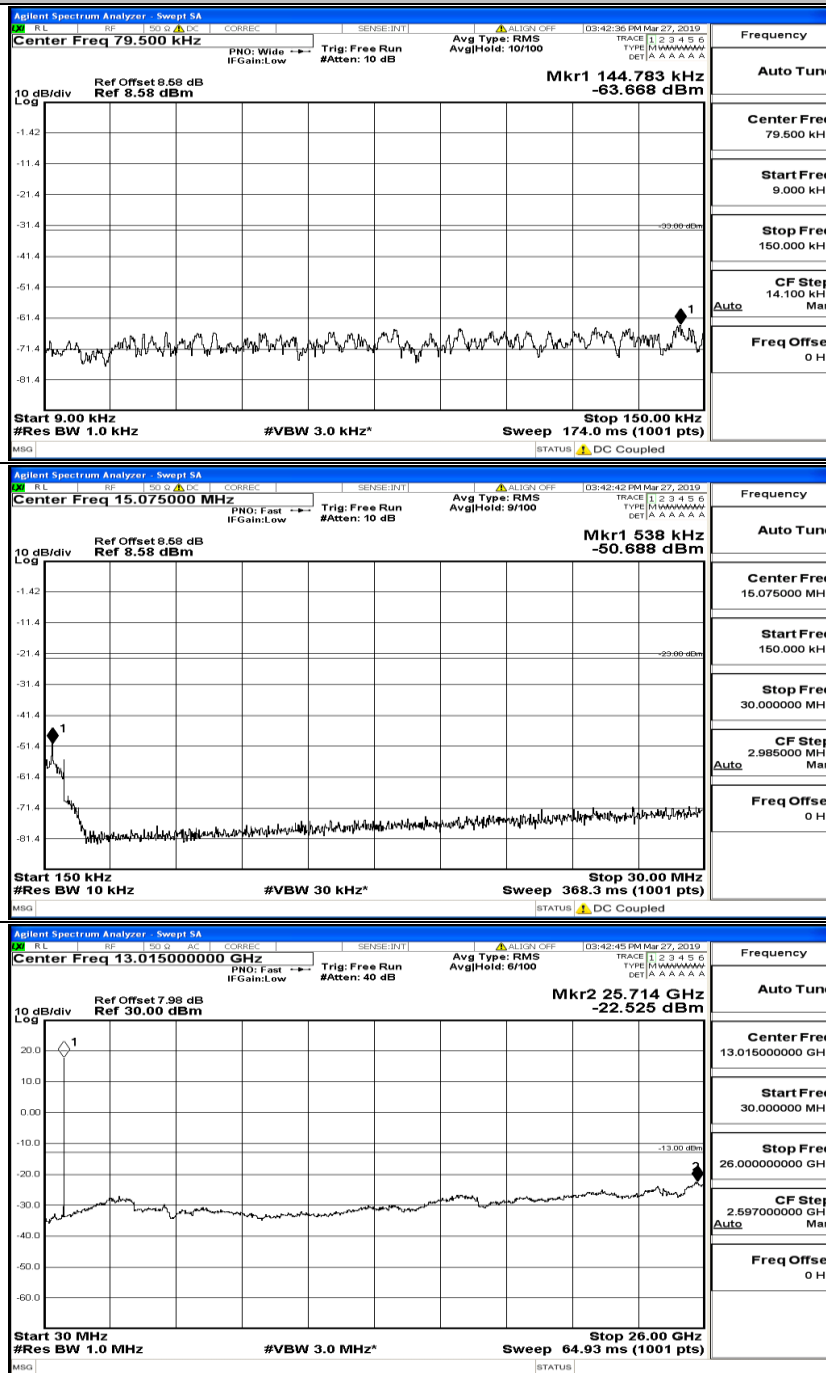
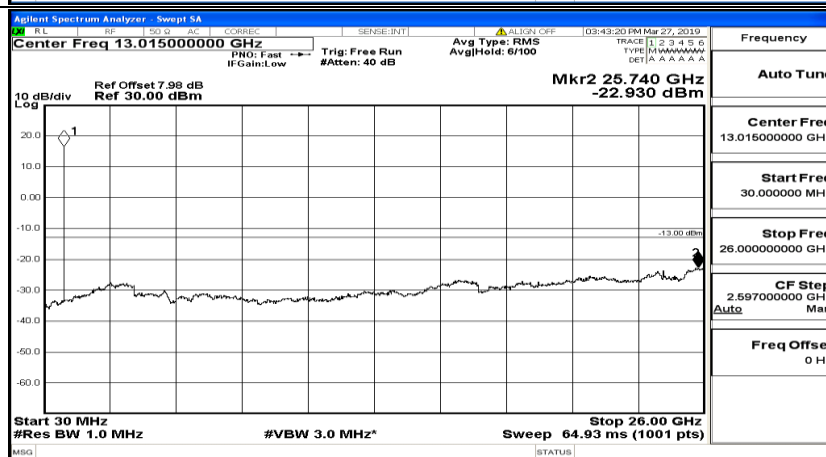
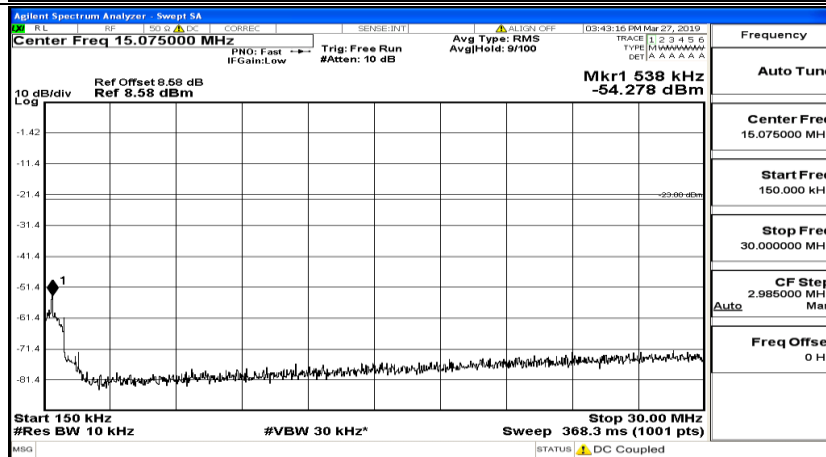
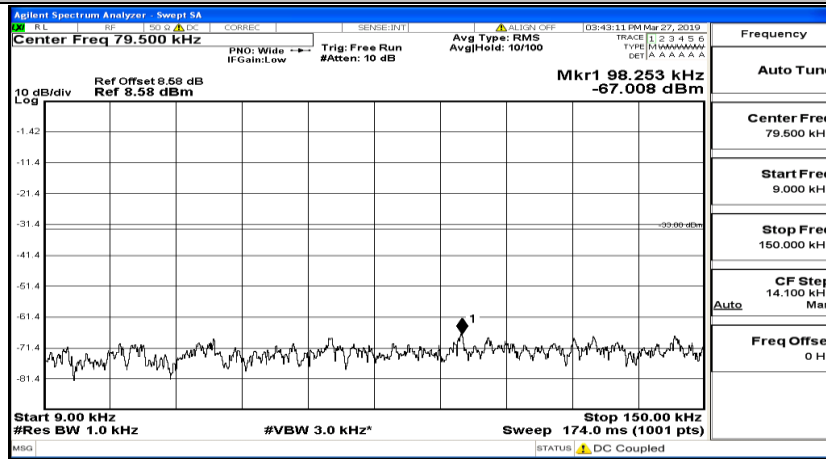


D.5 Conducted Spurious Emission

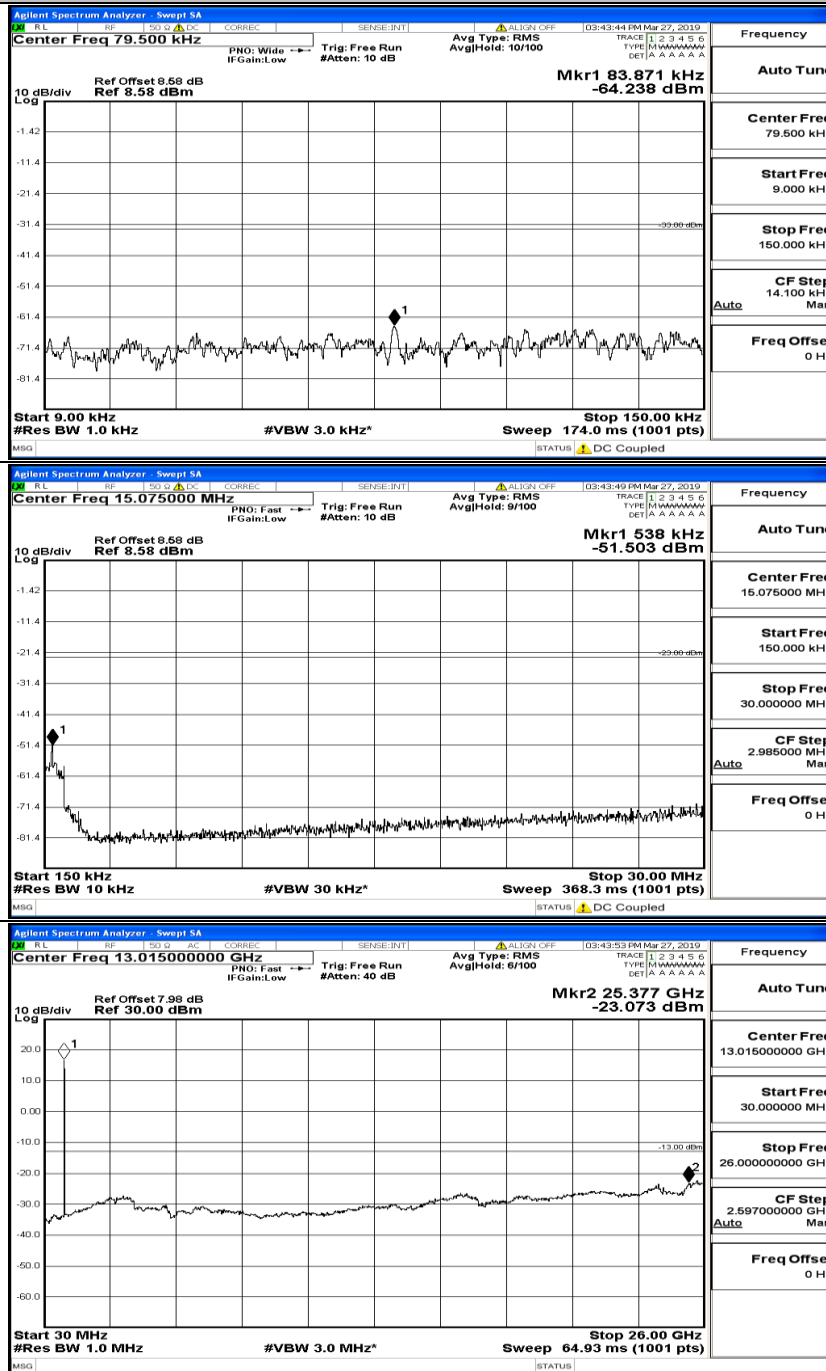
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



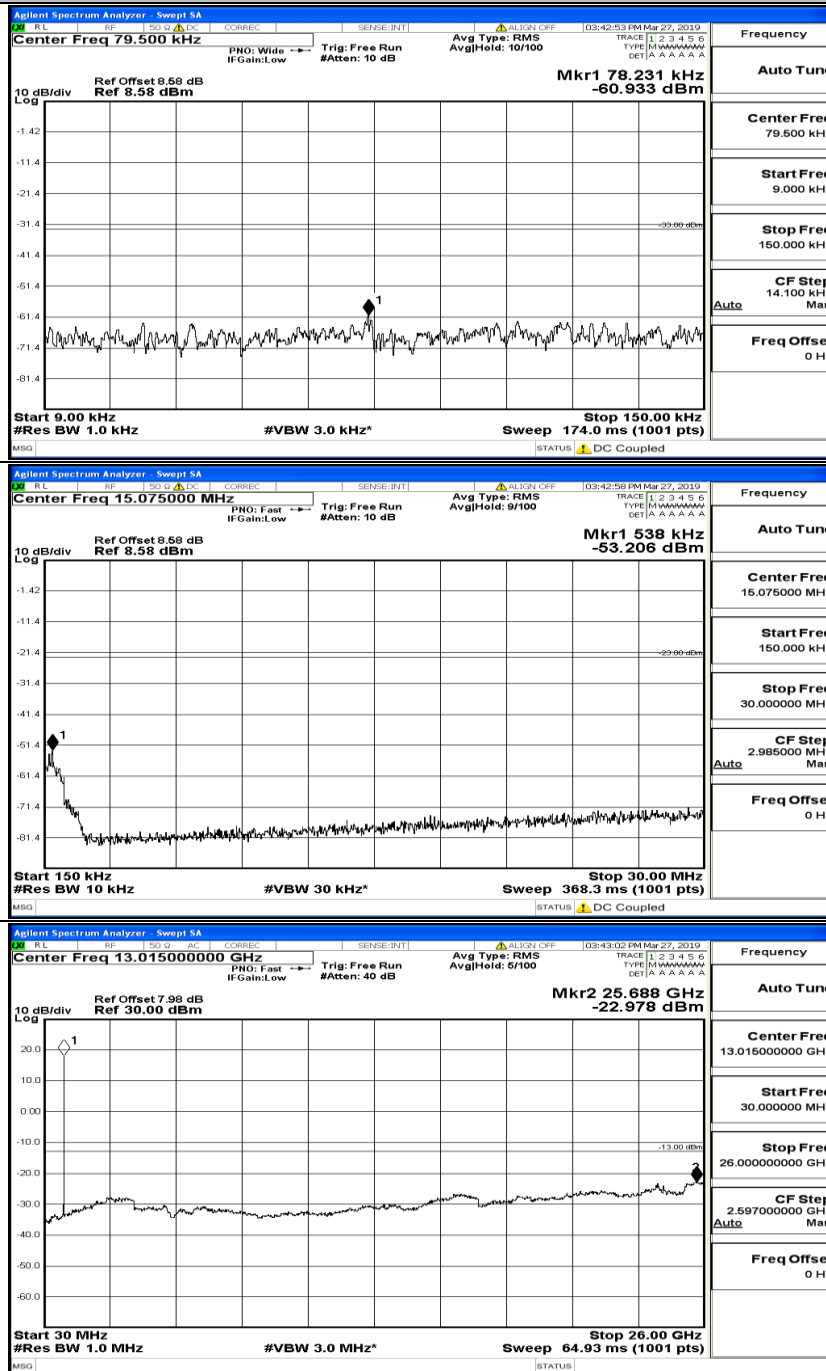
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



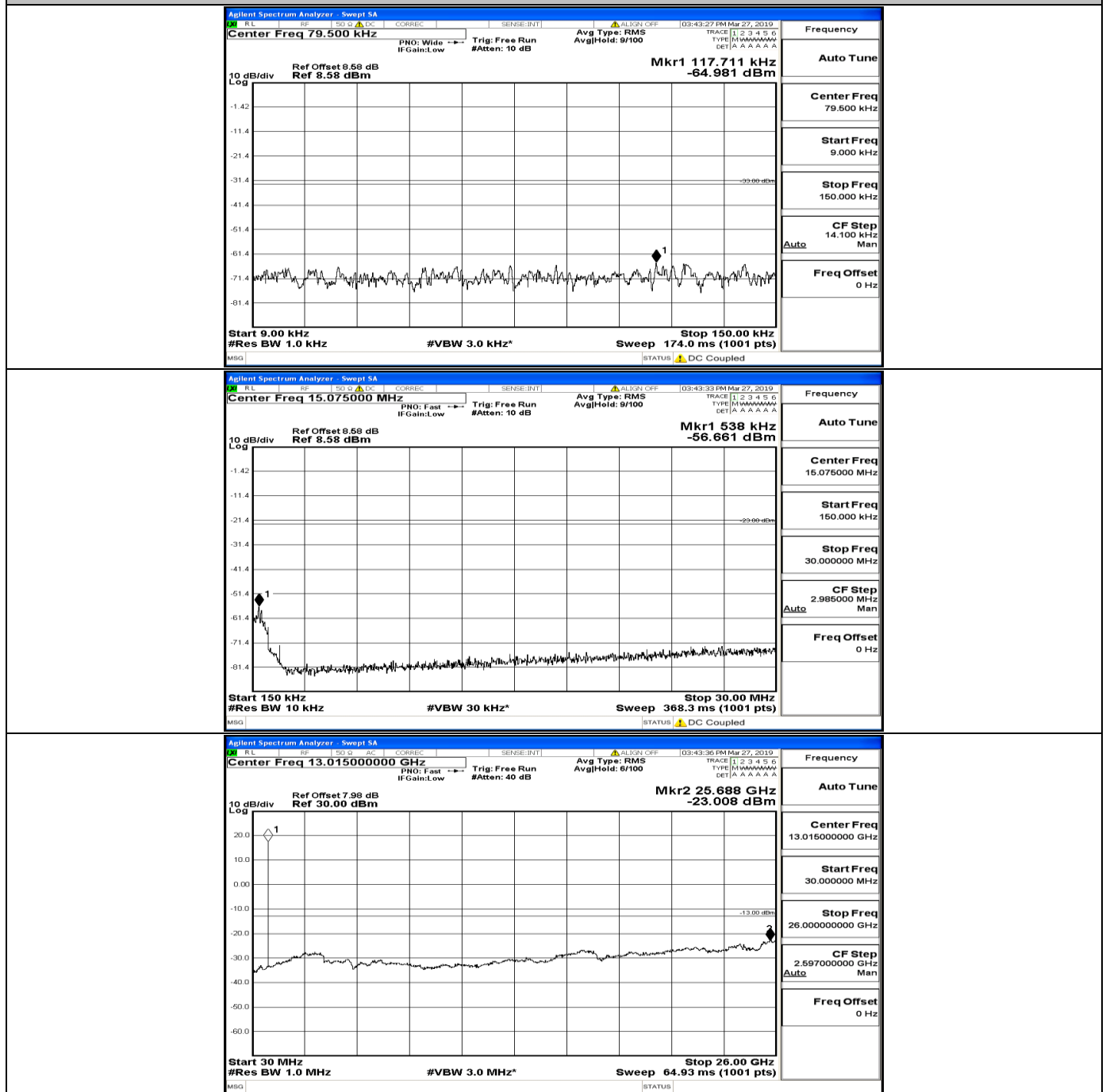
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



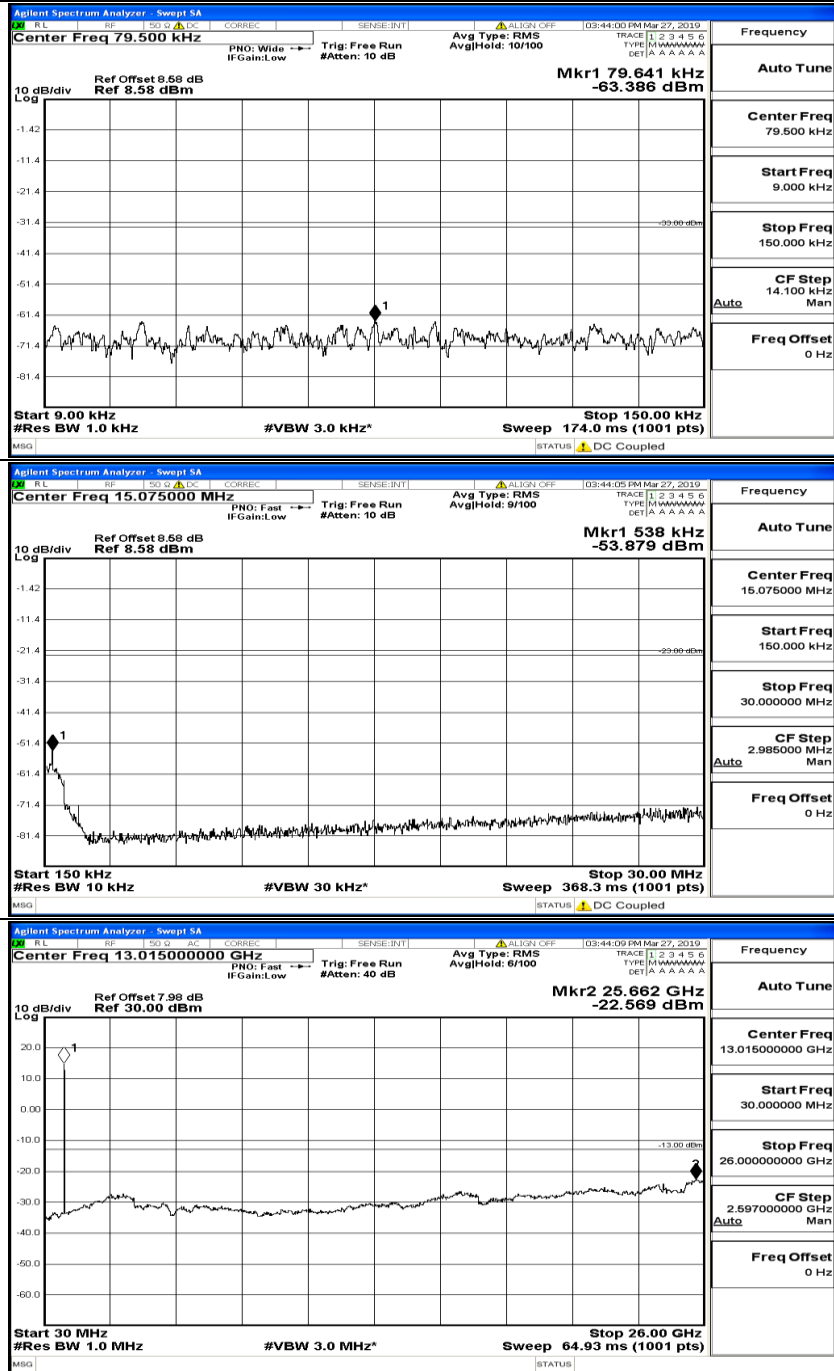
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



Agilent Spectrum Analyzer - Swept SA

RL RF 150.0 kHz DC CORREC SENSE:INT ALIGN OFF 03:44:28 PM Mar 27, 2019

Center Freq 79.500 kHz PNO: Wide Trg: Free Run Avg Type: RMS
IFGain: Low #Atten: 10 dB AvgHeld: 10/100

TRACE 1 2 3 4 5 6
TYPE: WAAAAAAW
DET: AAAAAA

Frequency Auto Tun

Center Freq 79.500 kHz

Start Freq 9.00 kHz

Stop Freq 150.00 kHz

CF Stop 14.100 kHz
Auto Mar

Freq Offset 0 Hz

10 dB/div Log

Ref Offset 9.58 dB
Ref 8.58 dBm

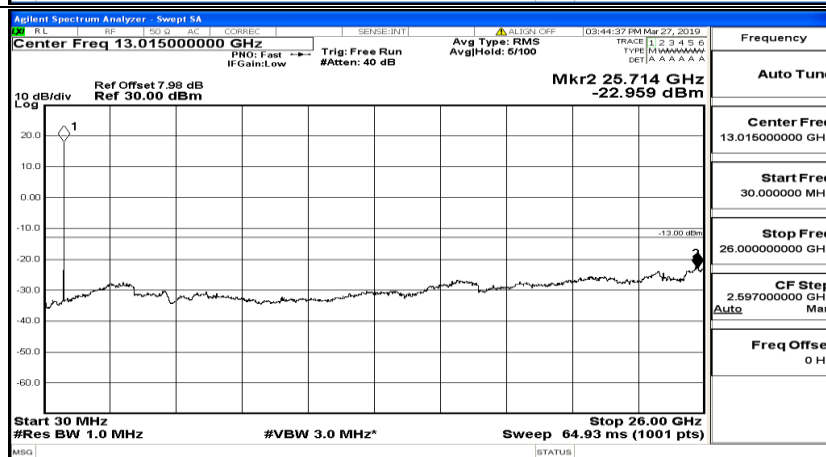
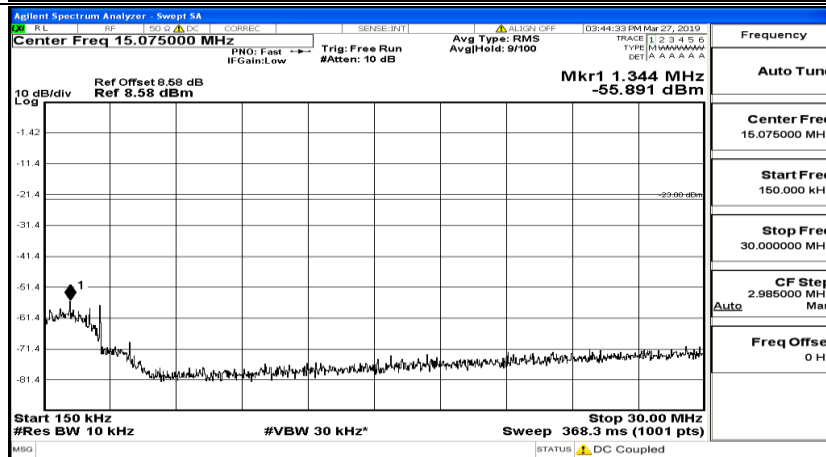
Mkr1 97.971 kHz
-68.035 dBm

Start 9.00 kHz
#Res BW 1.0 kHz

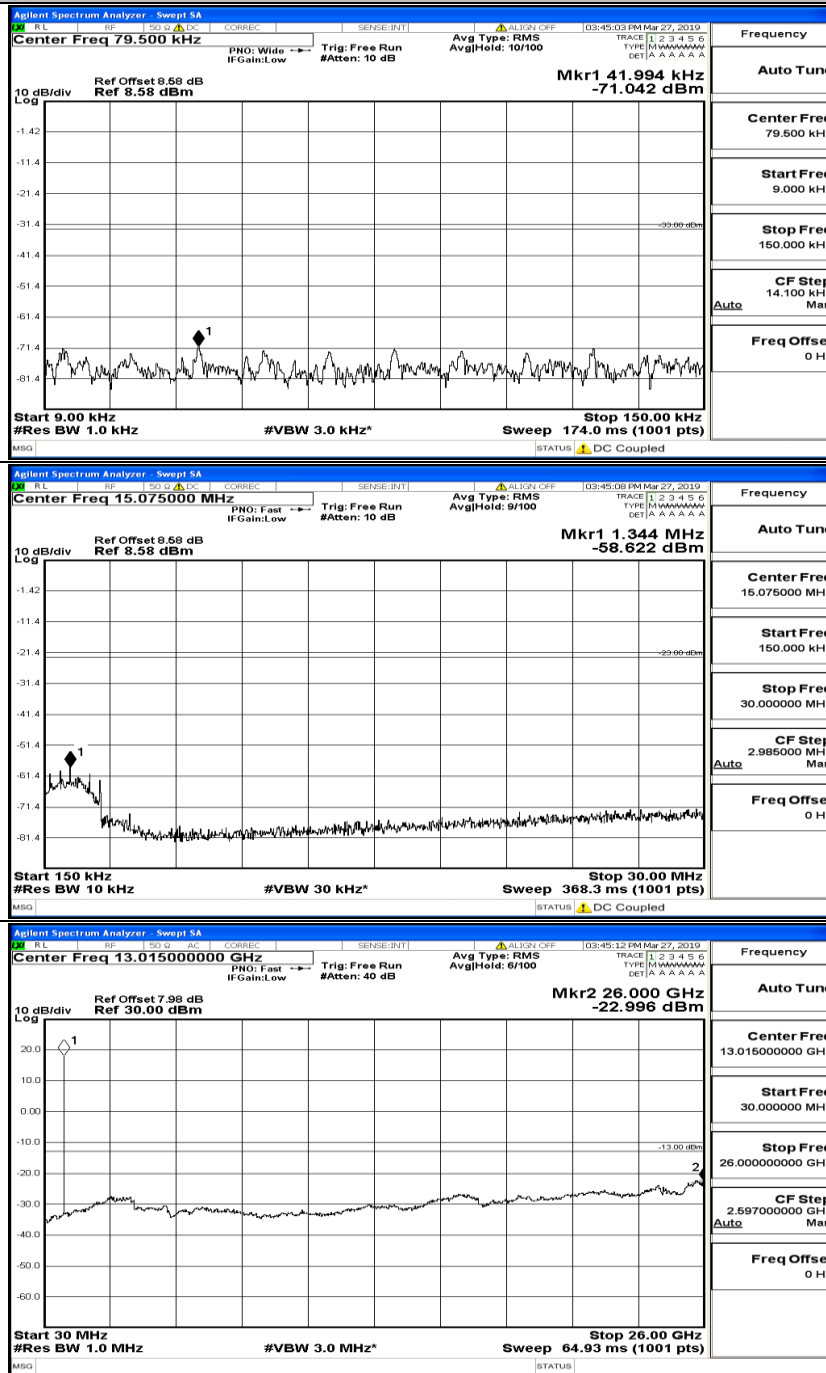
#VBW 3.0 kHz*

Stop 150.00 kHz
Sweep 174.0 ms (1001 pts)

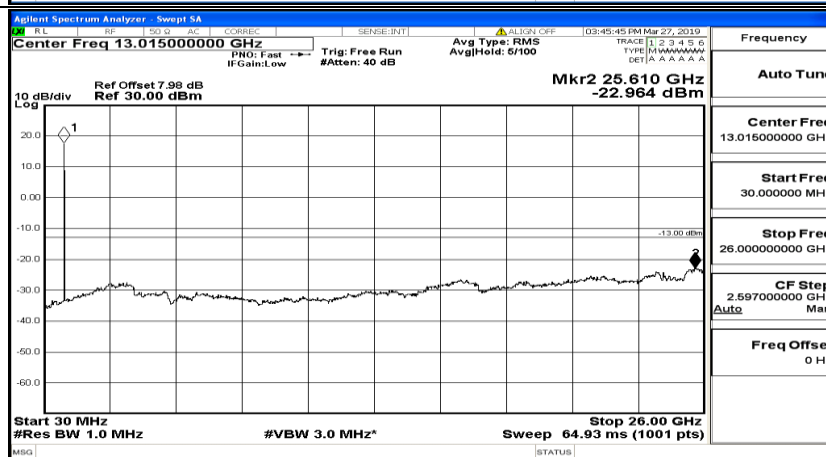
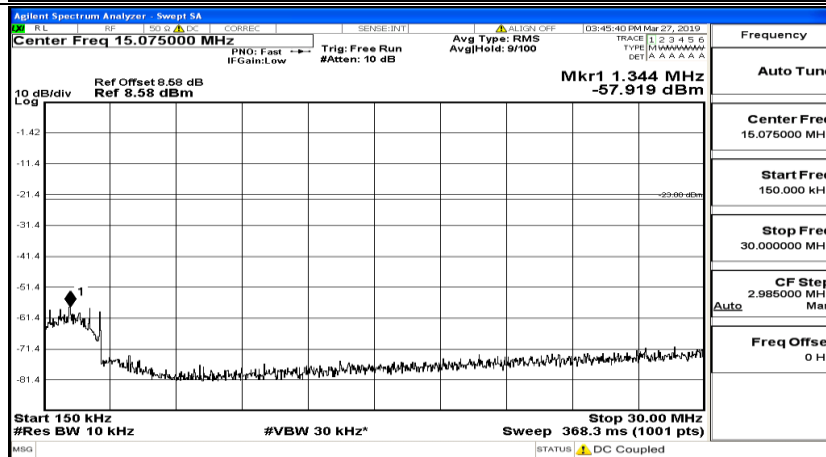
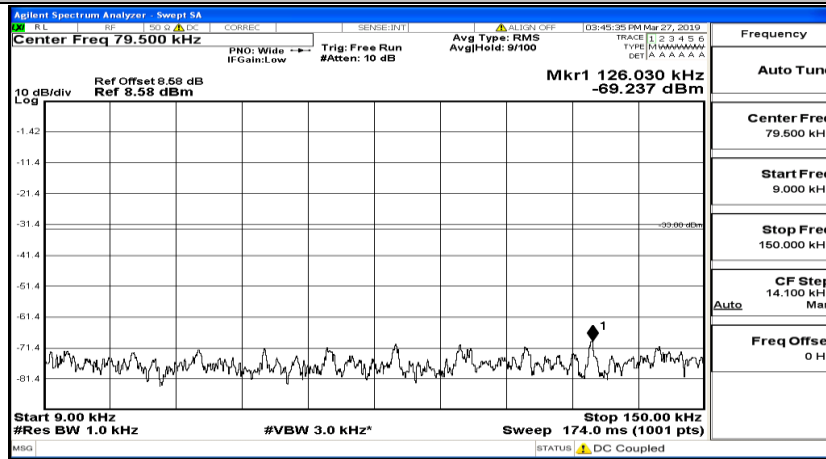
MSG STATUS DC Coupled



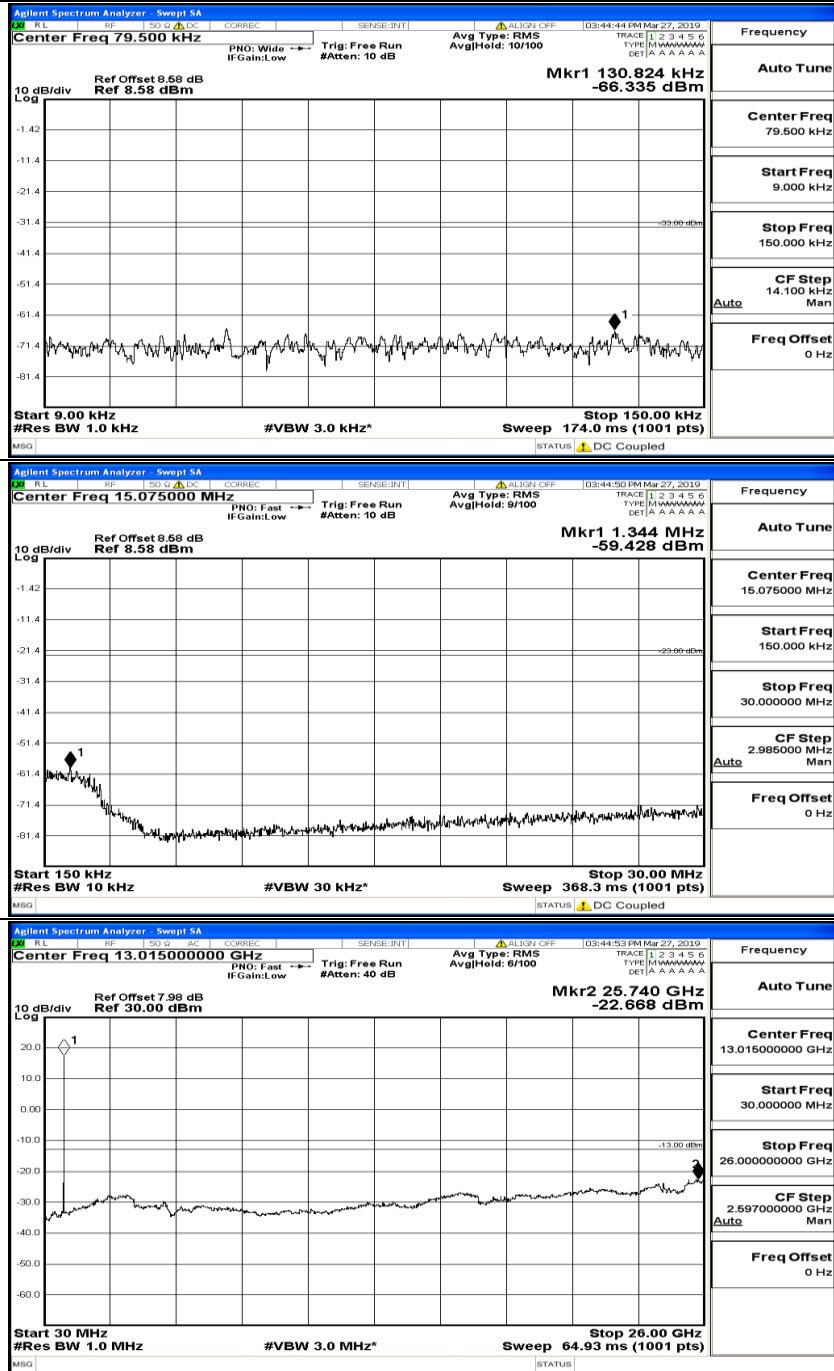
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 79.500 kHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 130.824 kHz
-69.196 dBm

Start 9.000 kHz
#Res BW 1.0 kHz
#VBW 3.0 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

DC Coupled

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 15.075000 MHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 538 kHz
-61.523 dBm

Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Sweep 368.3 ms (1001 pts)

Frequency

Auto Tune

Center Freq 15.075000 MHz

Start Freq 150.000 kHz

Stop Freq 30.000000 MHz

CF Step 2.985000 MHz
Man

Freq Offset 0 Hz

DC Coupled

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 13.015000000 GHz

Ref Offset 7.98 dB
Ref 30.00 dBm

Mkr2 25.948 GHz
-23.086 dBm

Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
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

DC Coupled

CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_CH_16QAM

The figure displays three screenshots of an Agilent Spectrum Analyzer, showing test results for different channels. Each screenshot includes a plot of power (dBm) versus frequency (kHz or GHz), a table of key parameters, and a table of measurement settings.

Top Screenshot: 3 MHz Channel

- Center Freq:** 79.500 kHz
- Mkr1:** 139.989 kHz, -67.564 dBm
- Start Freq:** 9.000 kHz
- Stop Freq:** 150.000 kHz
- CF Step:** 14.100 kHz
- Freq Offset:** 0 Hz
- Settings:** PNO: Wide, Trig: Free Run, #Atten: 10 dB, Avg Type: RMS, Avg/Hold: 10/100, #VBW 3.0 kHz*, Sweep 174.0 ms (1001 pts)

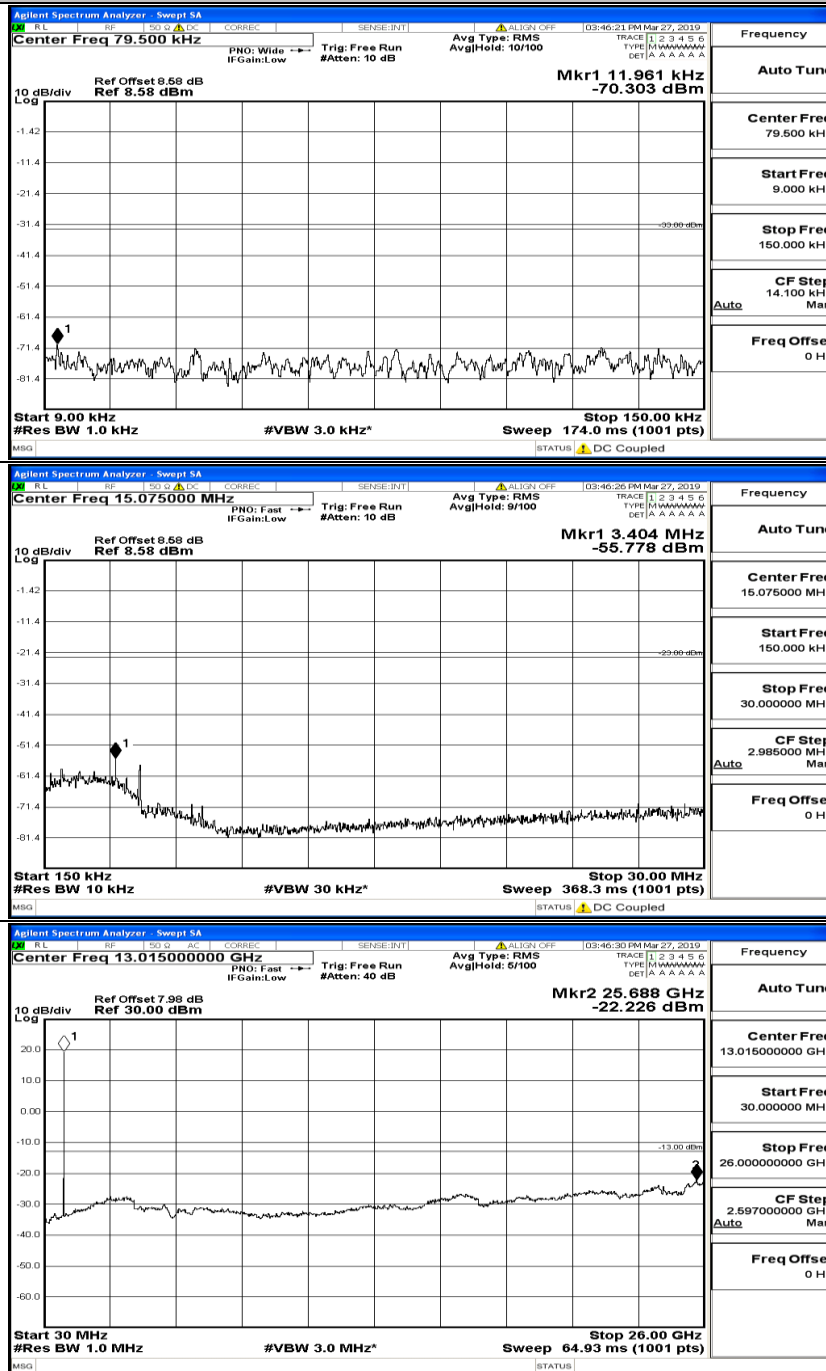
Middle Screenshot: 15.075000 MHz Channel

- Center Freq:** 15.075000 MHz
- Mkr1:** 1.344 MHz, -59.287 dBm
- Start Freq:** 150.000 kHz
- Stop Freq:** 30.000000 MHz
- CF Step:** 2.985000 MHz
- Freq Offset:** 0 Hz
- Settings:** PNO: Fast, Trig: Free Run, #Atten: 10 dB, Avg Type: RMS, Avg/Hold: 9/100, #VBW 30 kHz*, Sweep 368.3 ms (1001 pts)

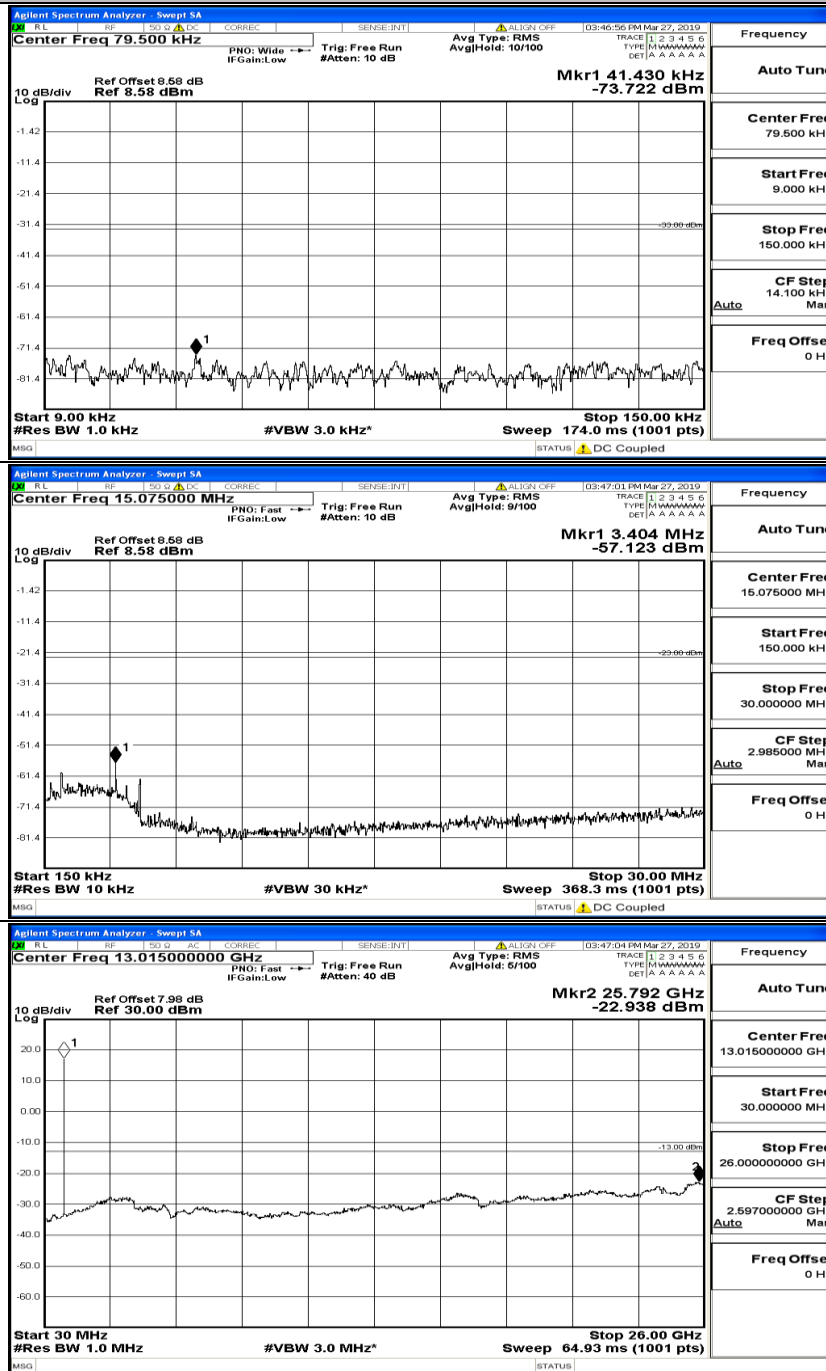
Bottom Screenshot: 25.740 GHz Channel

- Center Freq:** 13.015000000 GHz
- Mkr2:** 25.740 GHz, -22.260 dBm
- Start Freq:** 30.000000 MHz
- Stop Freq:** 26.000000000 GHz
- CF Step:** 2.597000000 GHz
- Freq Offset:** 0 Hz
- Settings:** PNO: Fast, Trig: Free Run, #Atten: 40 dB, Avg Type: RMS, Avg/Hold: 6/100, #VBW 3.0 MHz*, Sweep 64.93 ms (1001 pts)

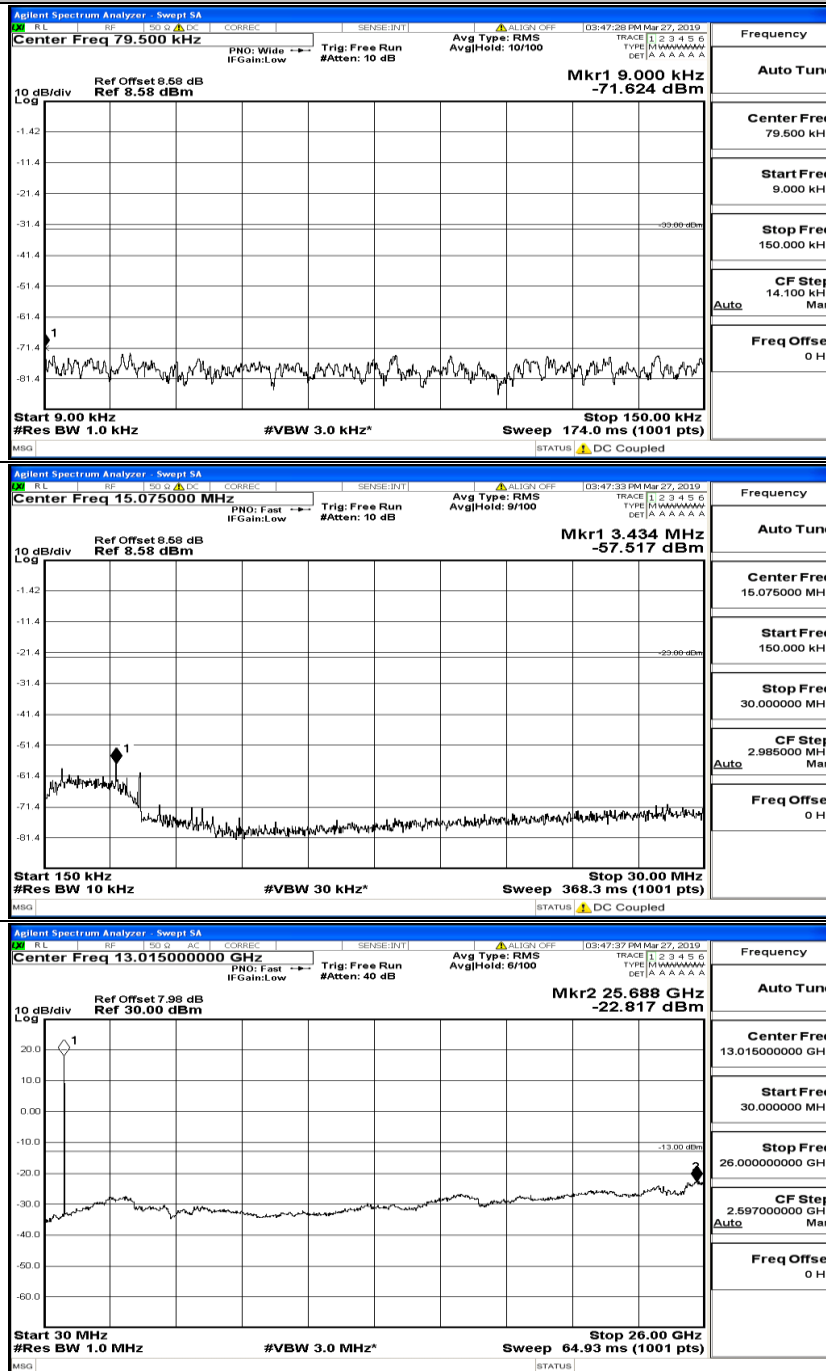
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



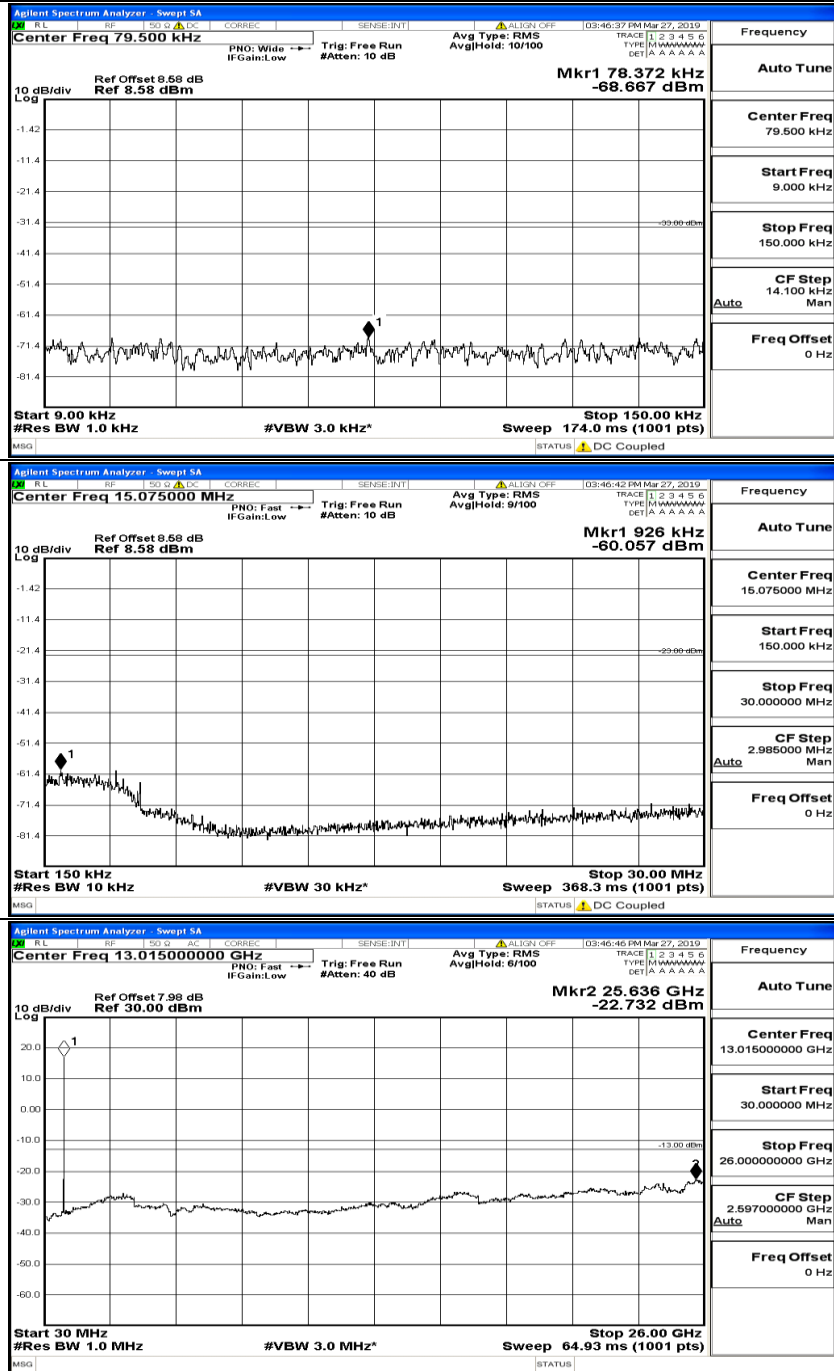
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



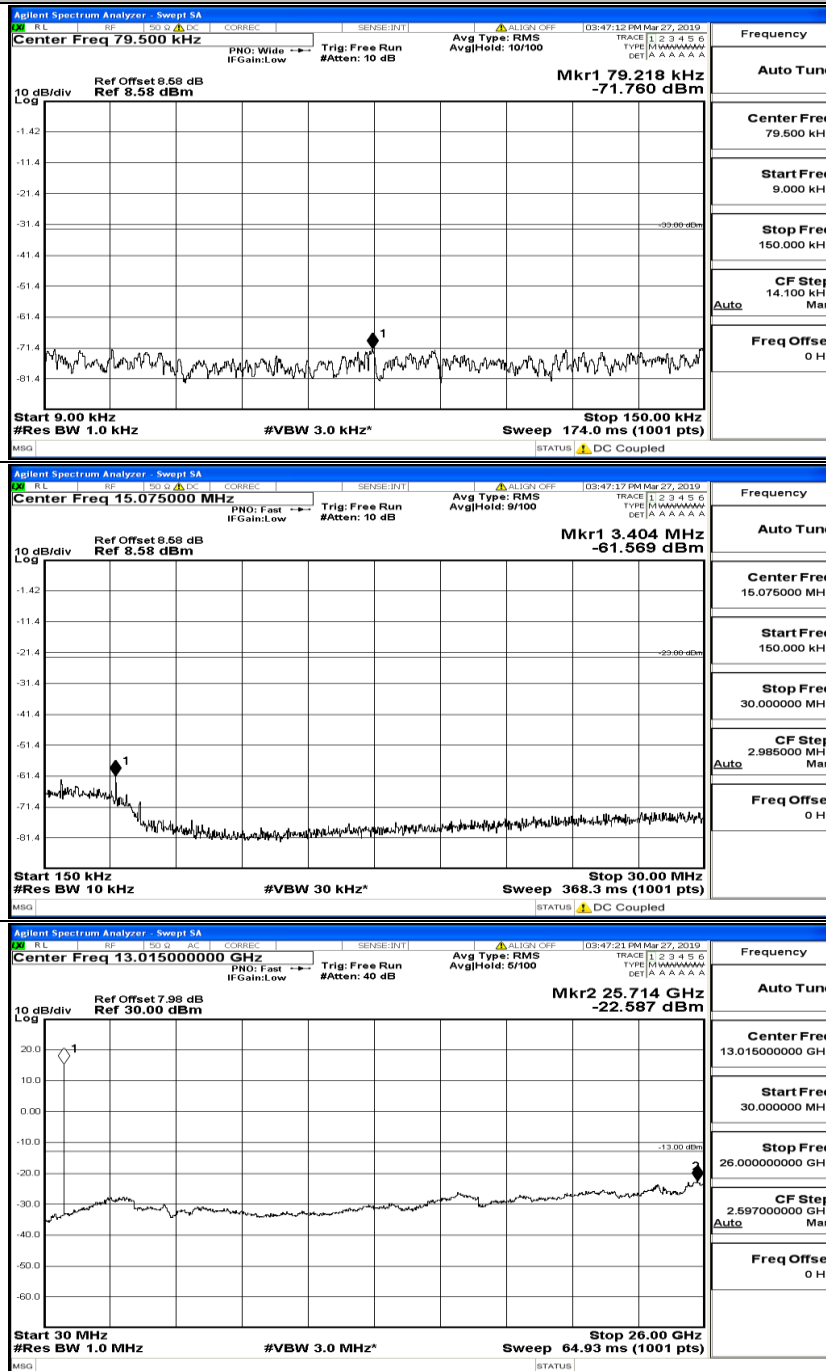
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



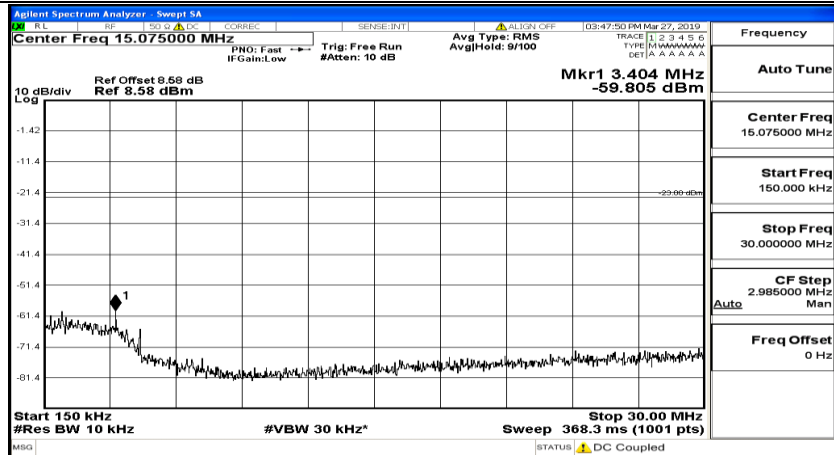
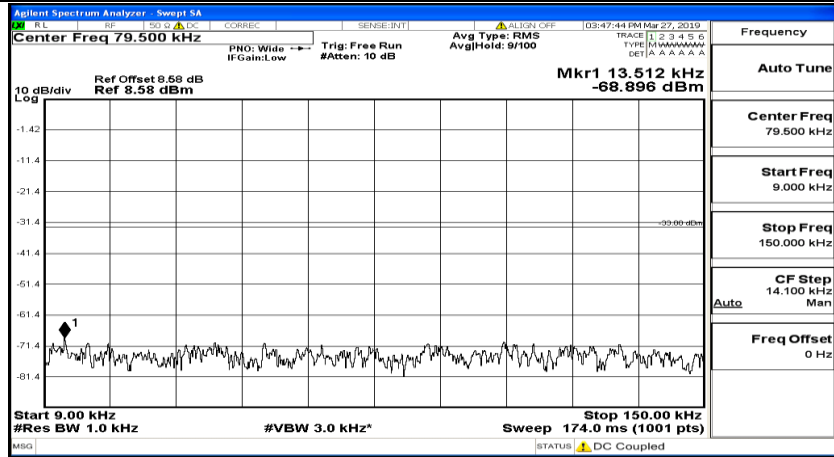
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



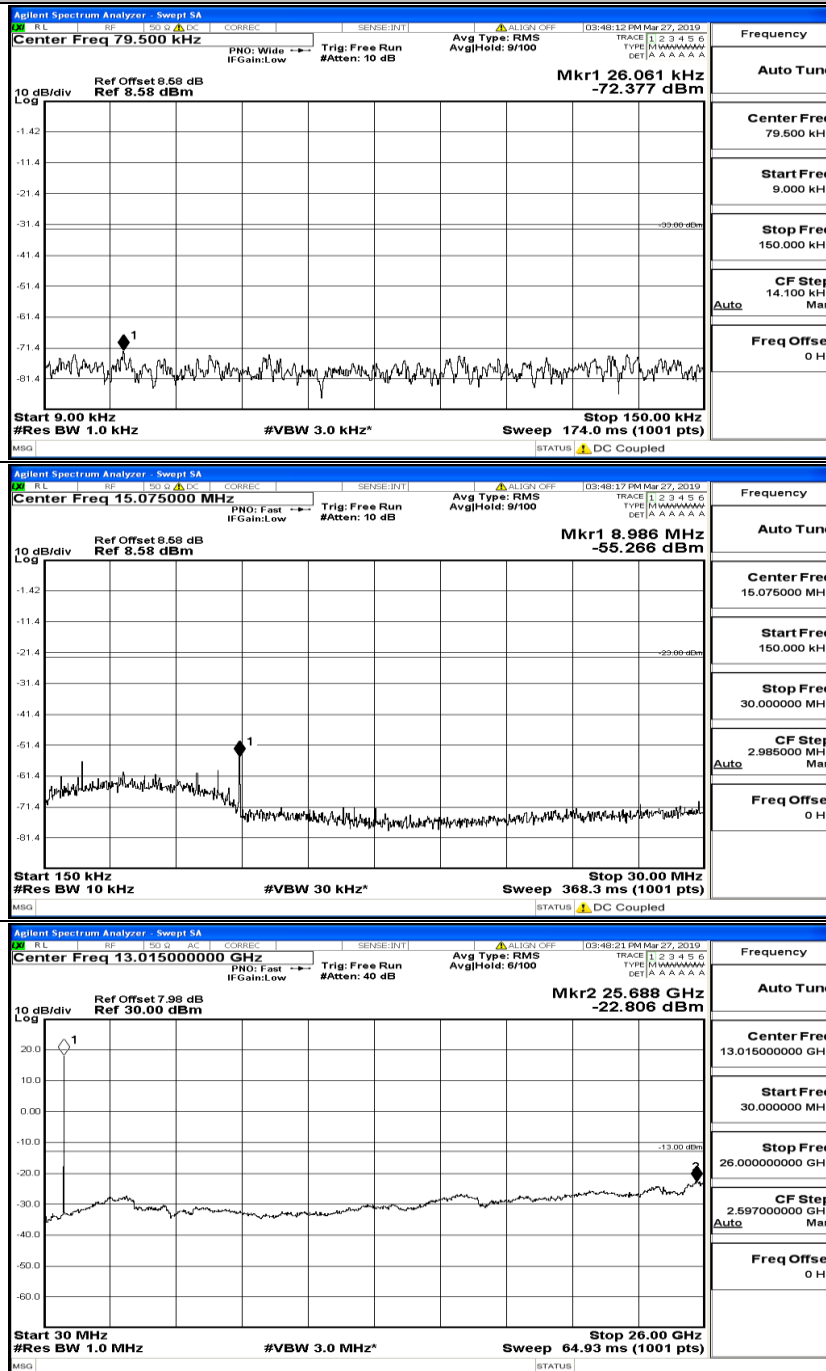
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



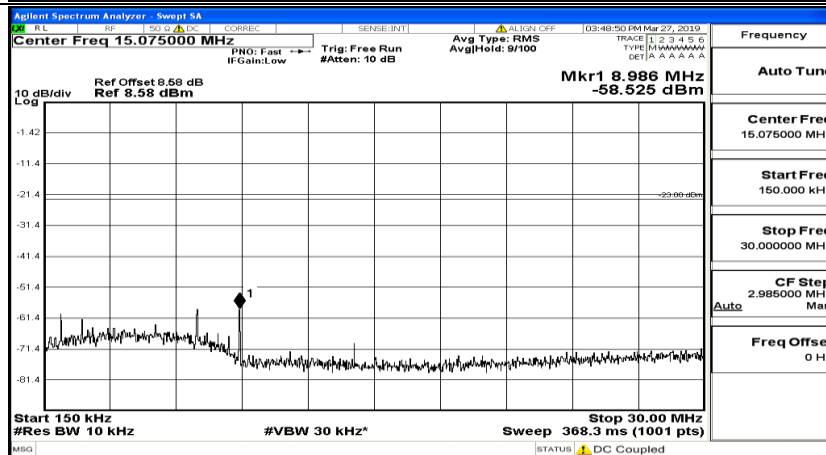
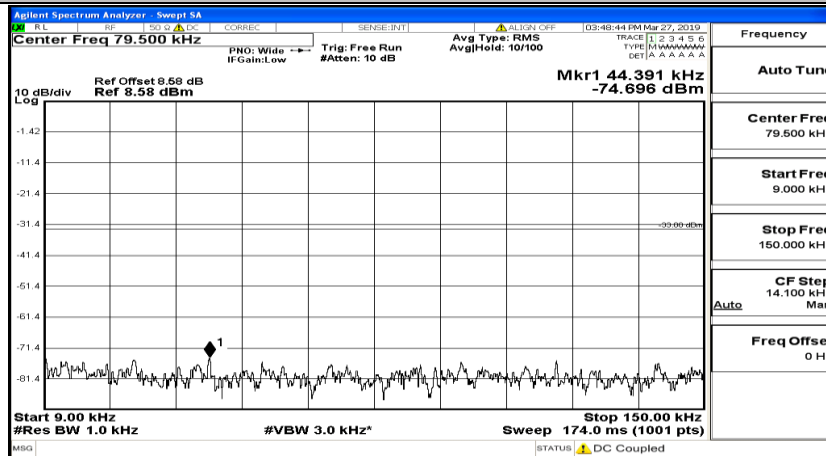
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



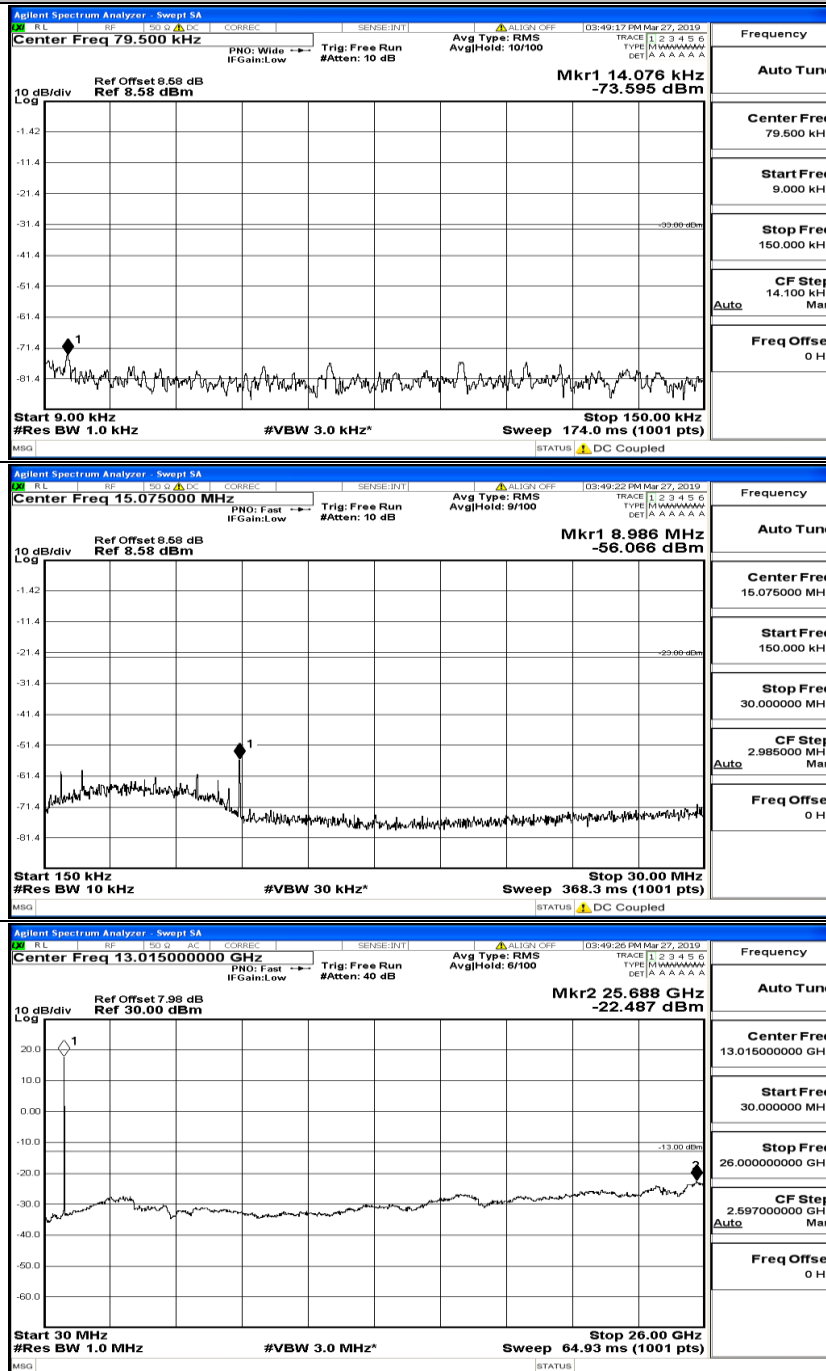
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



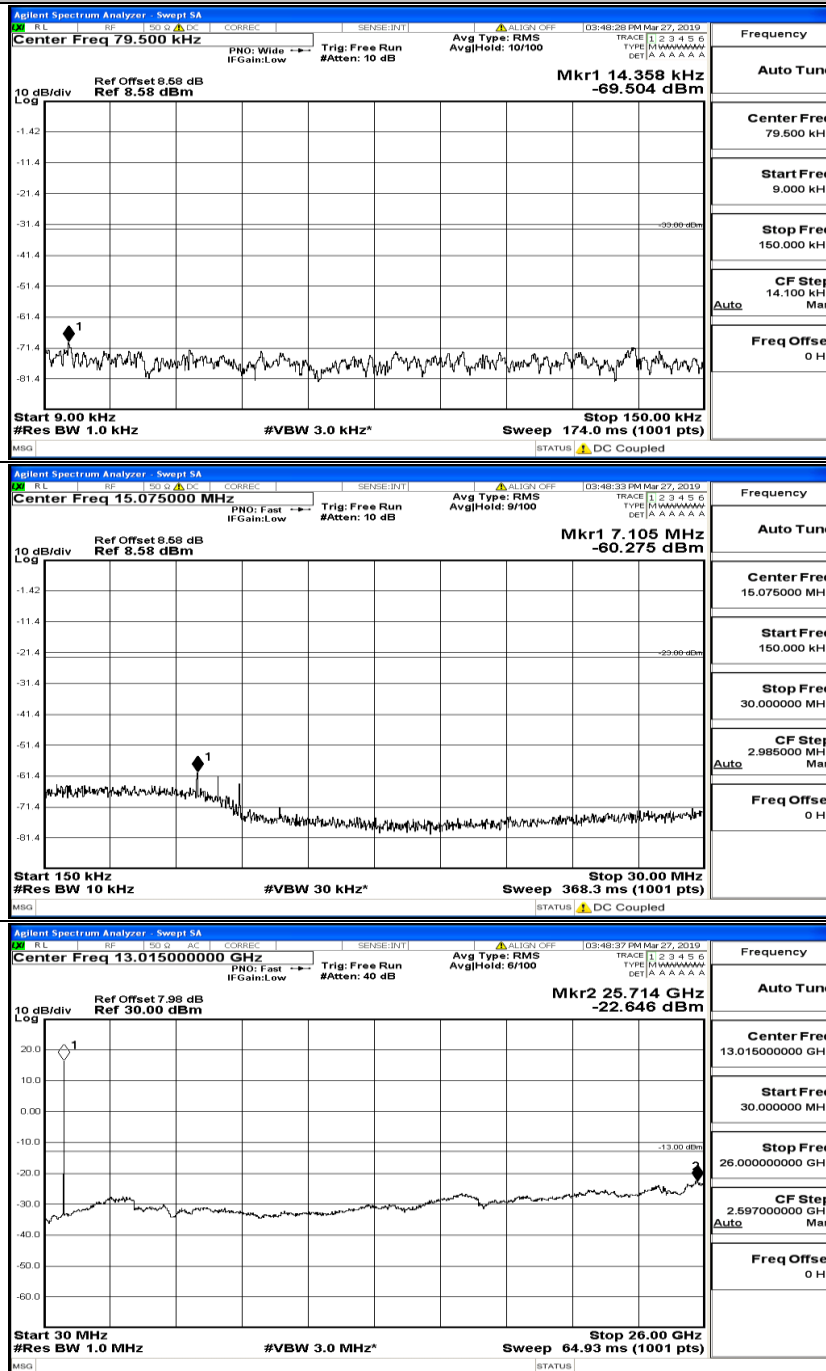
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



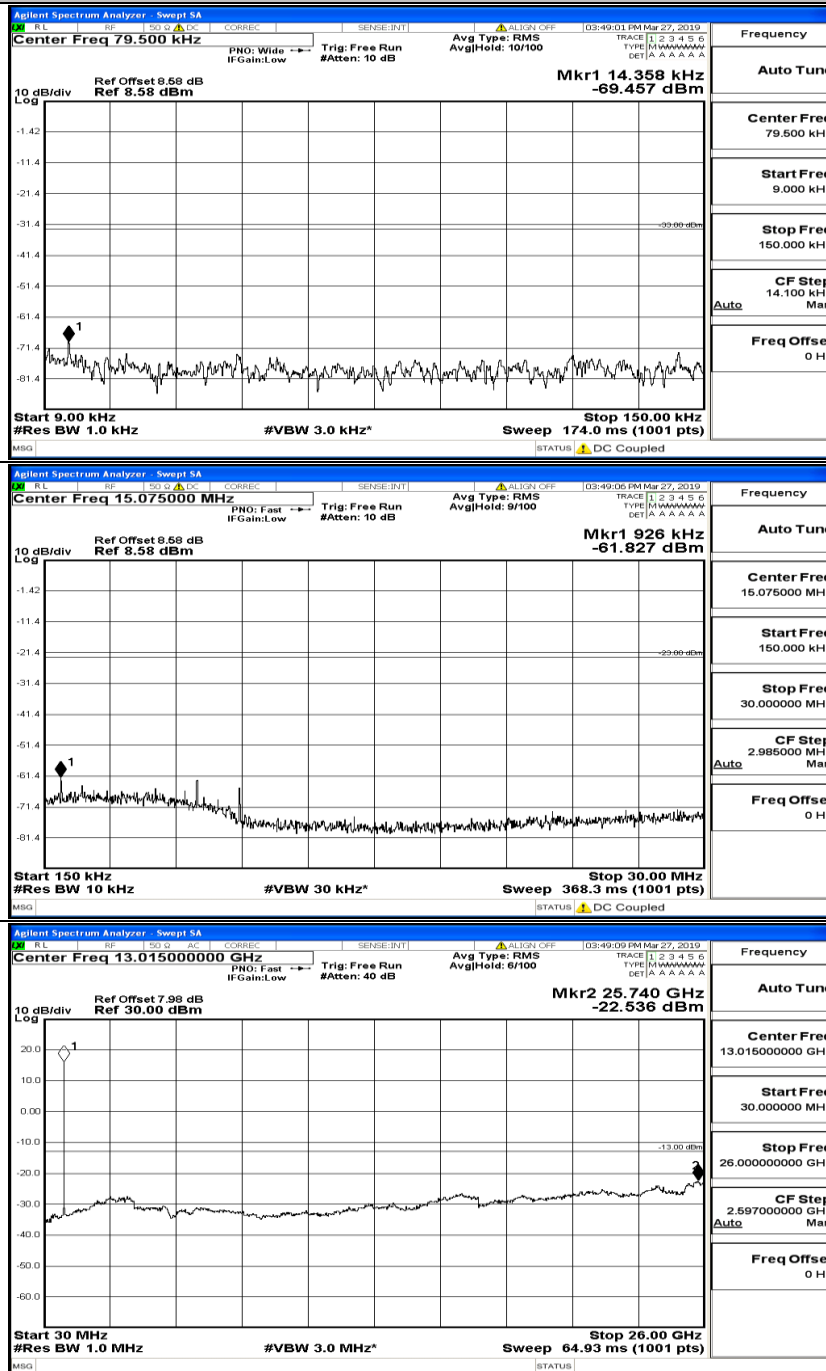
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

