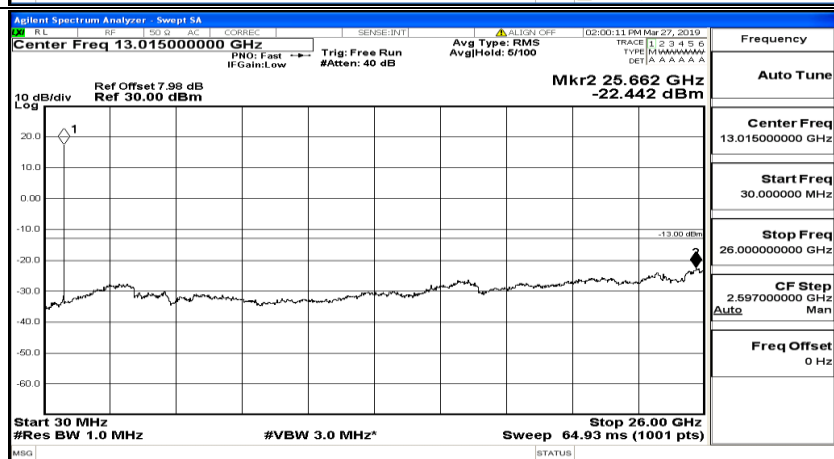
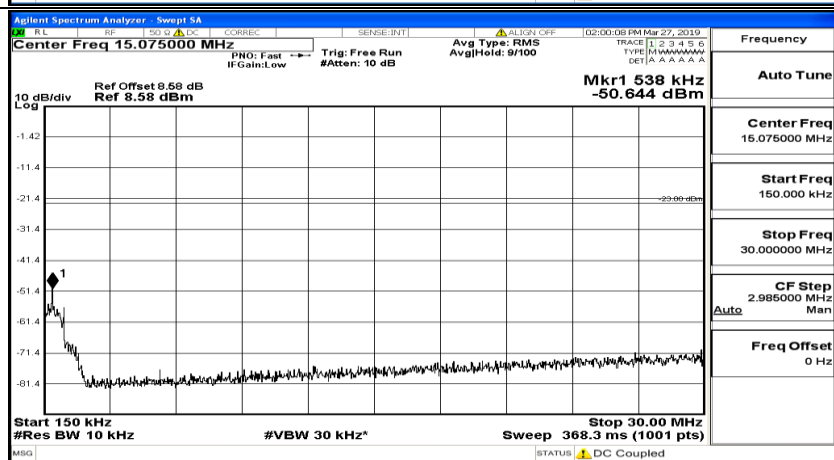
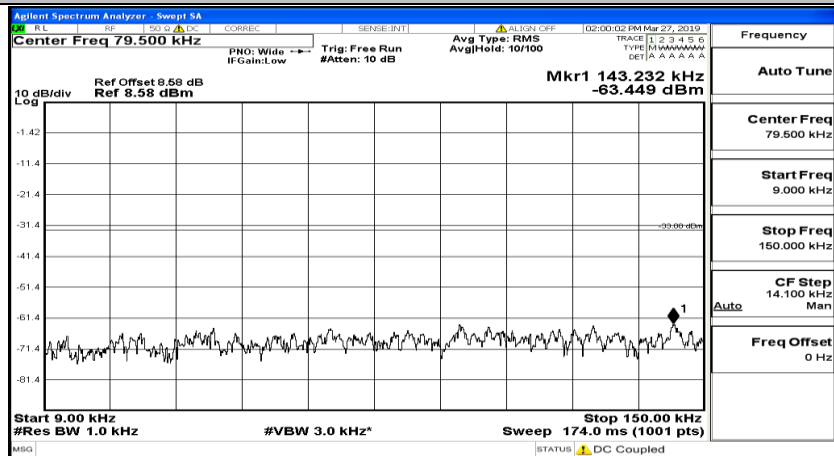
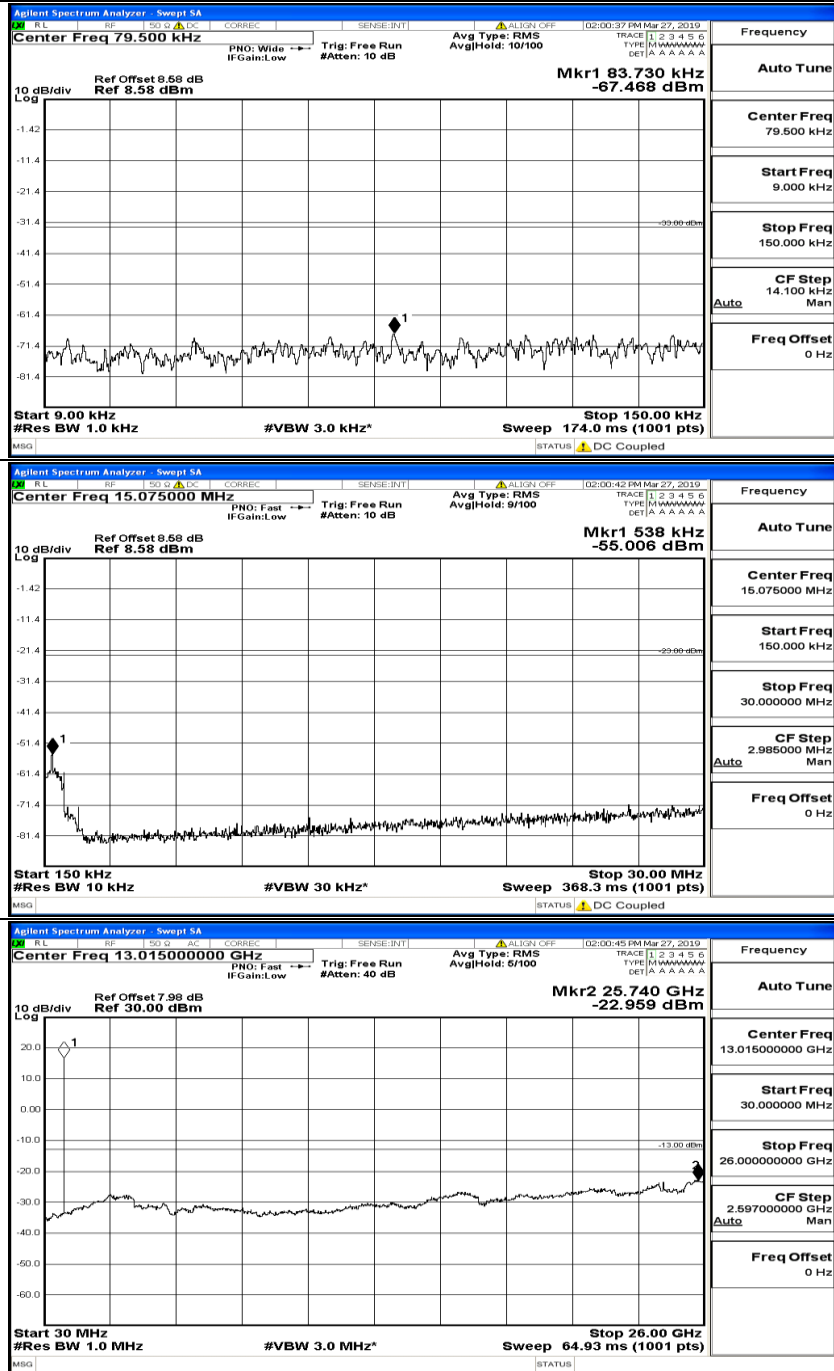


D.5 Conducted Spurious Emission

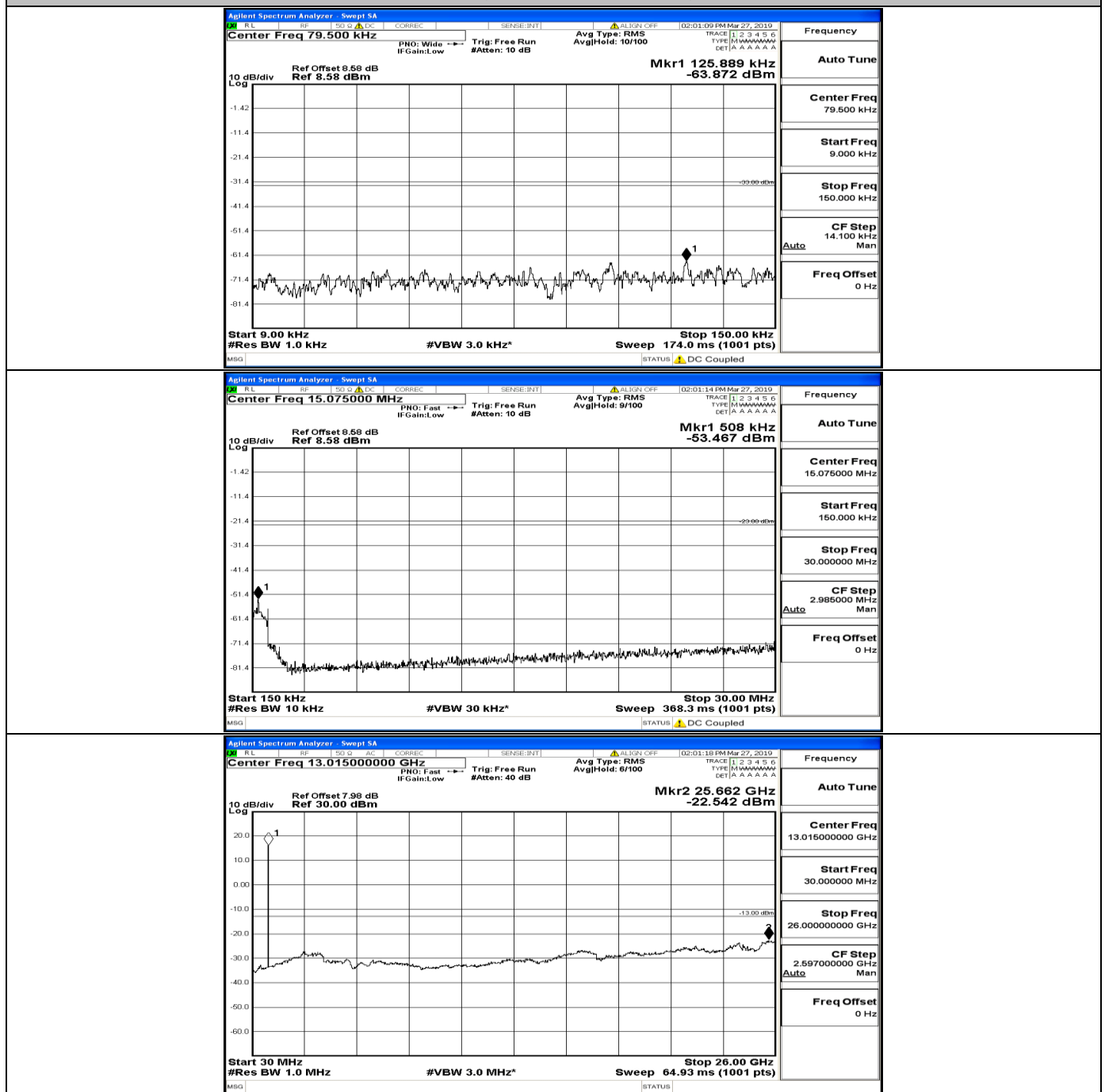
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



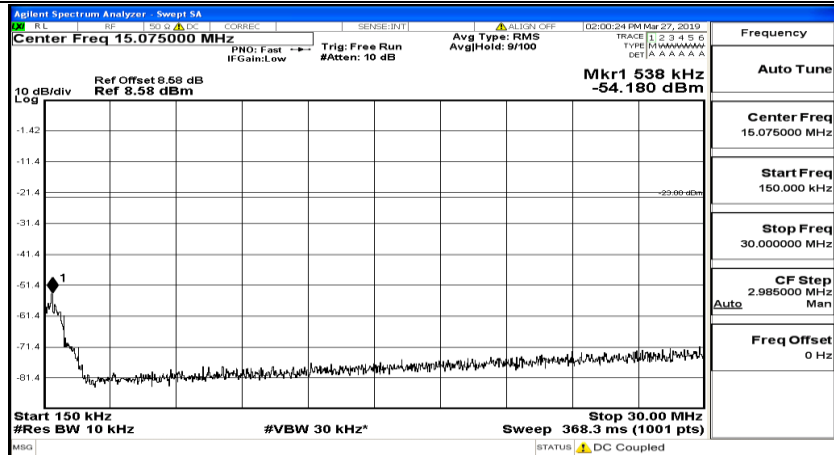
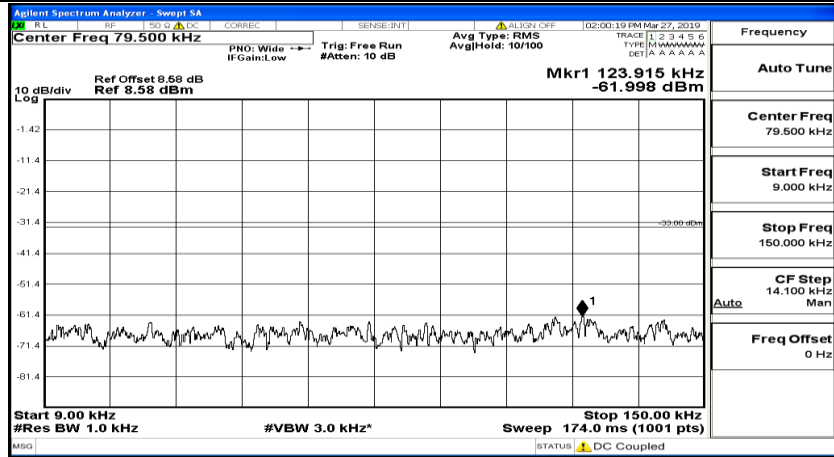
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



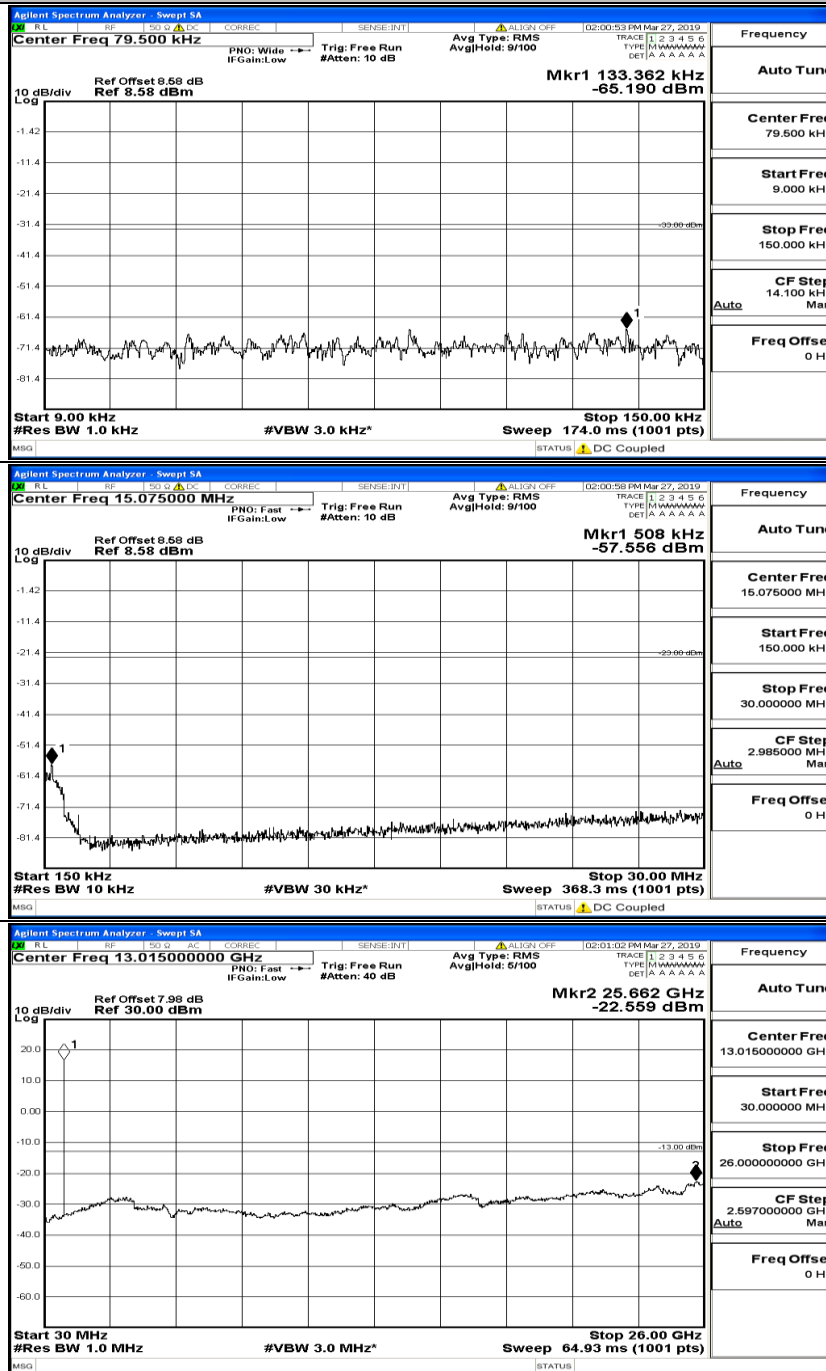
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



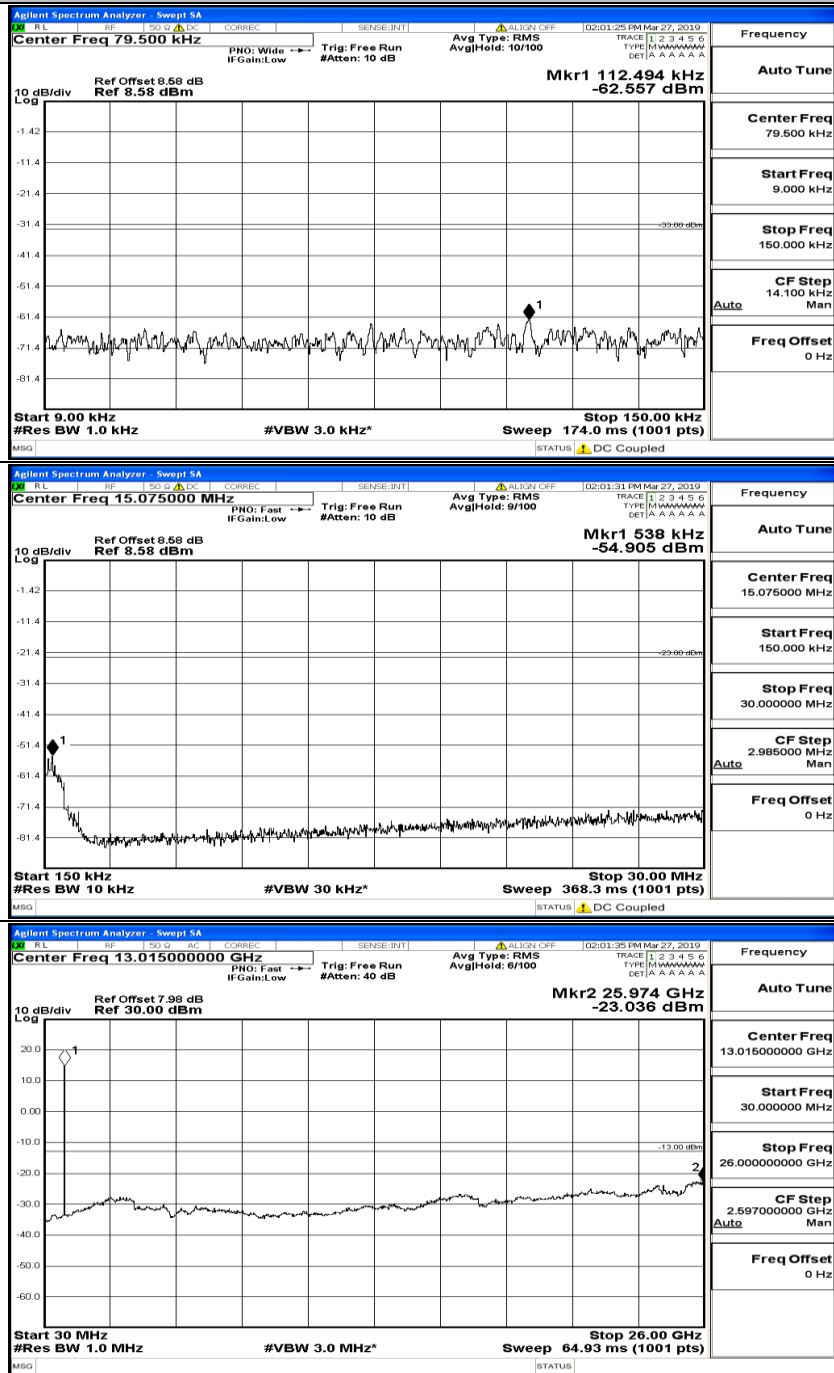
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



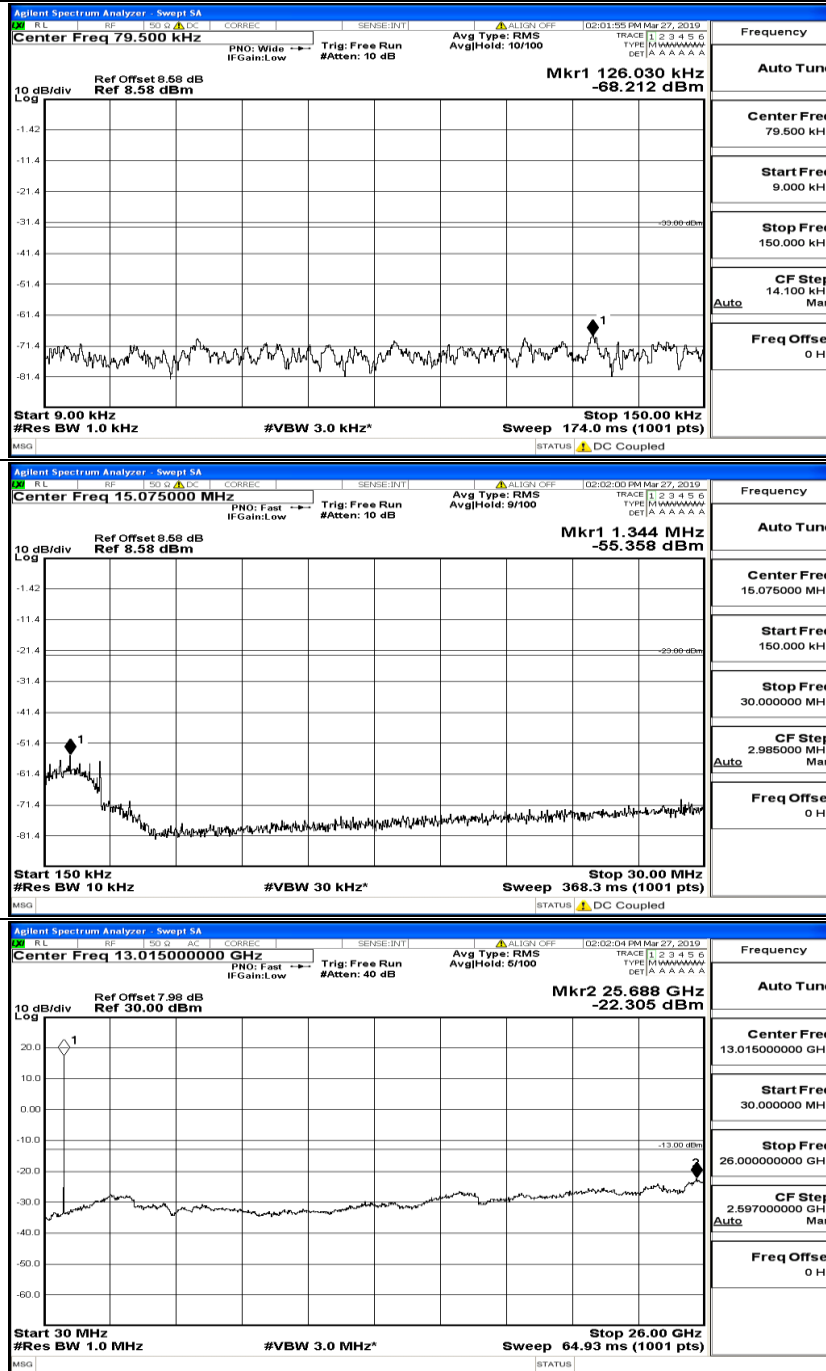
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



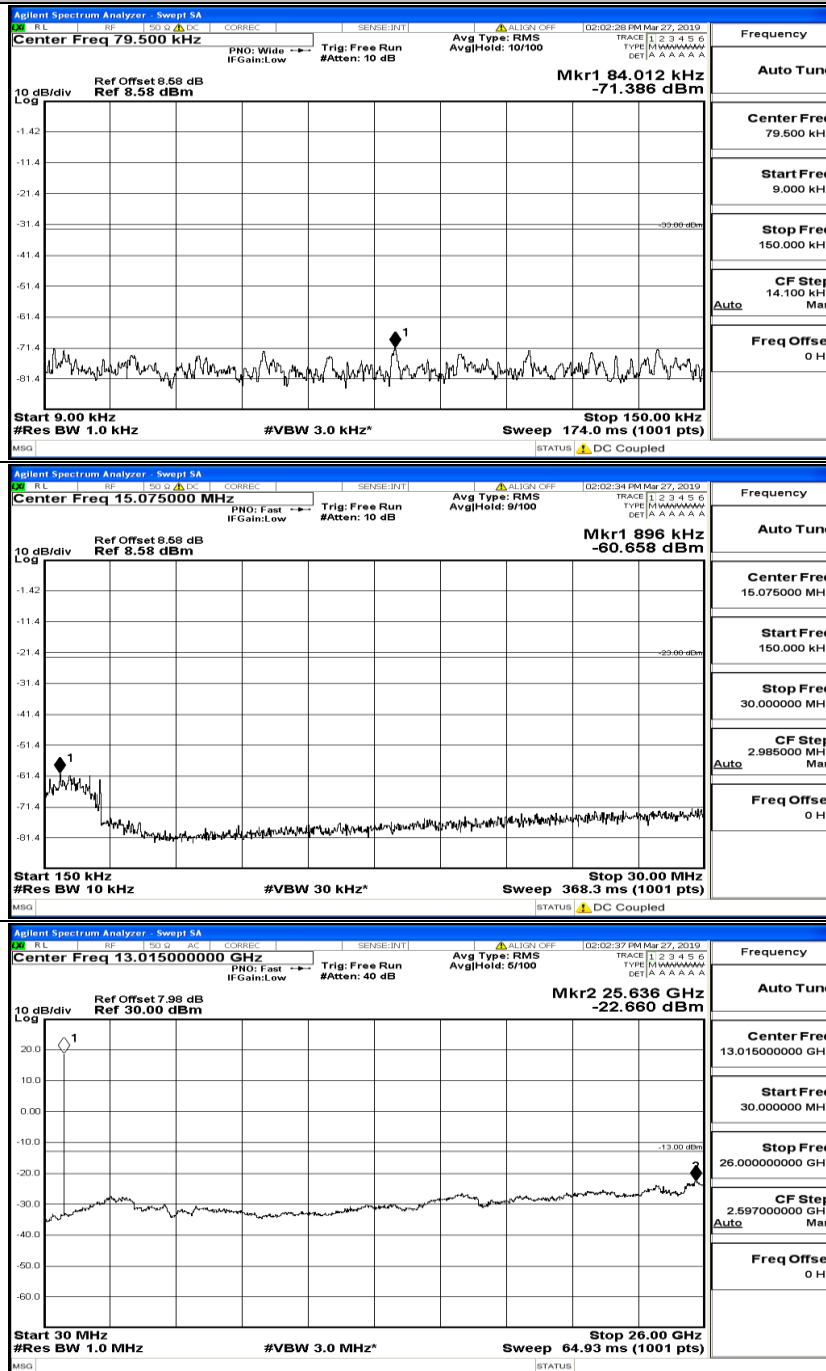
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



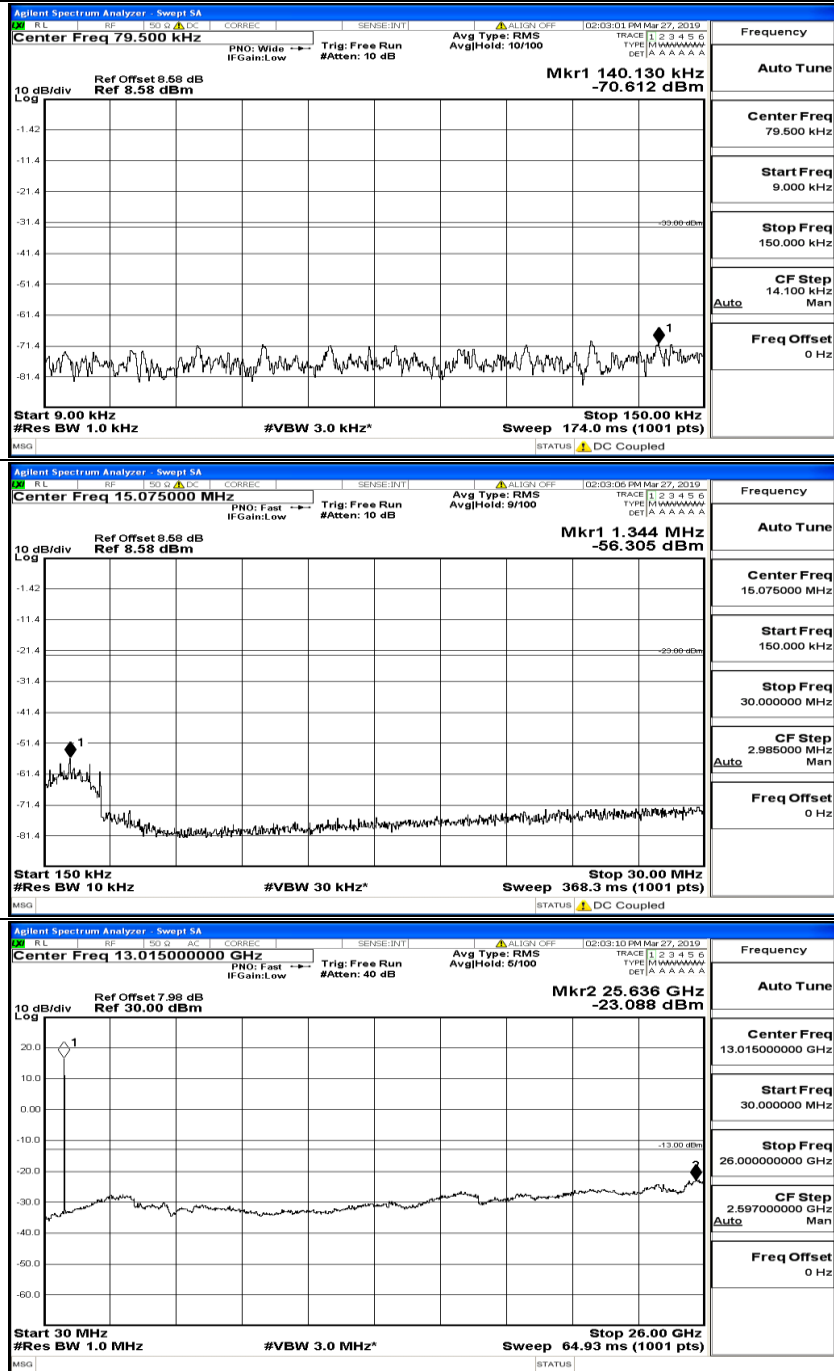
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



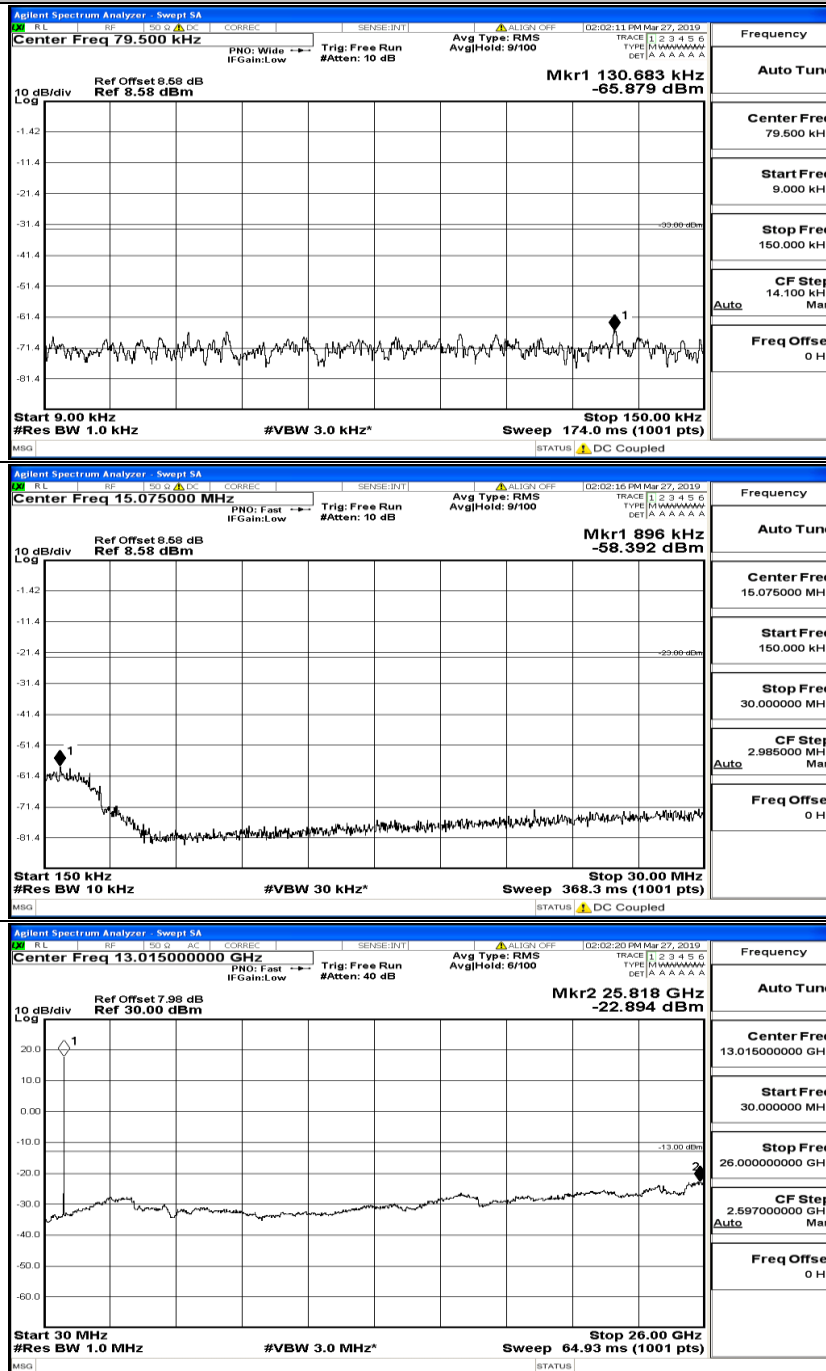
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



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 130.965 kHz
-69.826 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

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 15.075000 MHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 896 kHz
-62.312 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

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 13.015000000 GHz

Ref Offset 7.98 dB
Ref 30.00 dBm

Mkr2 26.000 GHz
-22.775 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

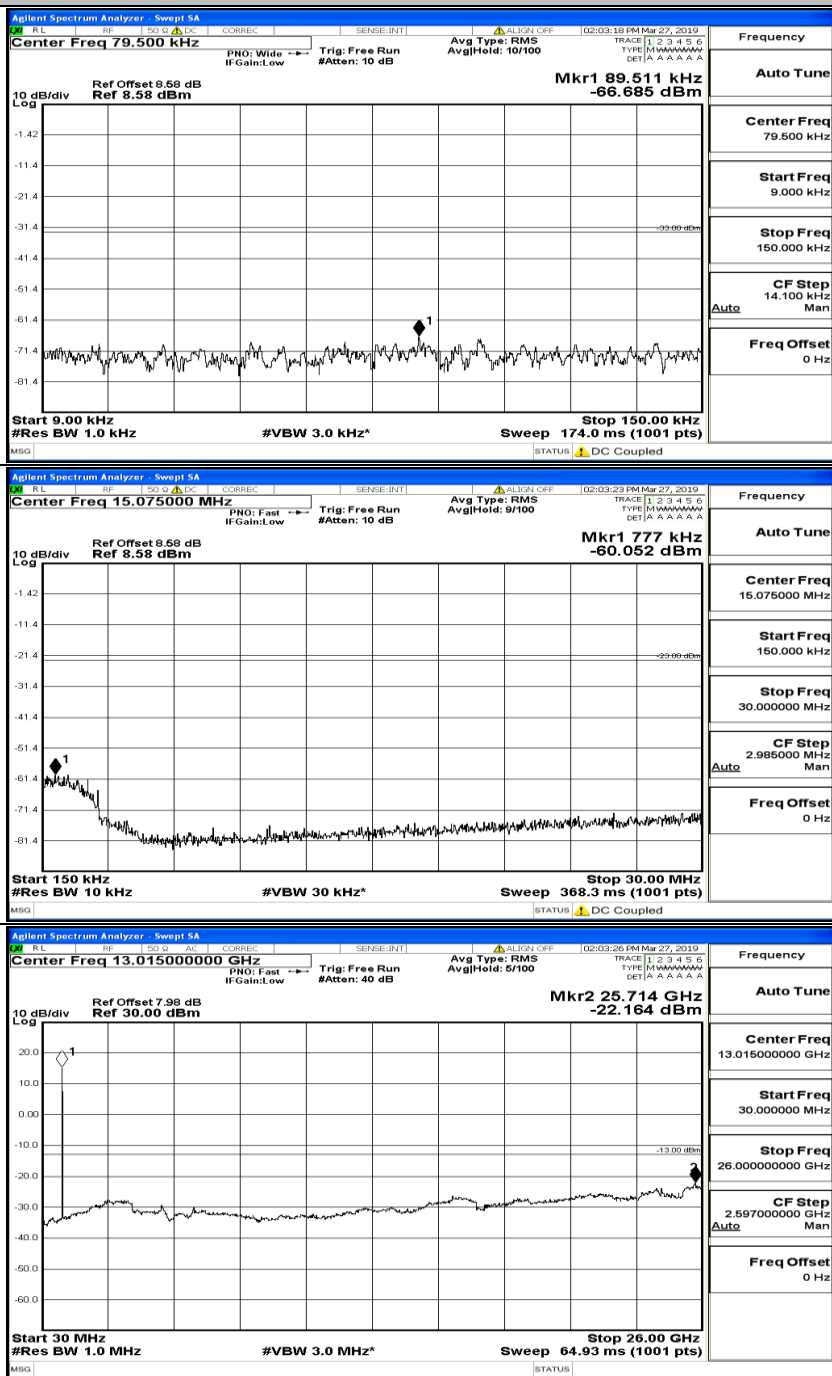
Start Freq
30.000000 MHz

Stop Freq
26.000000000 GHz

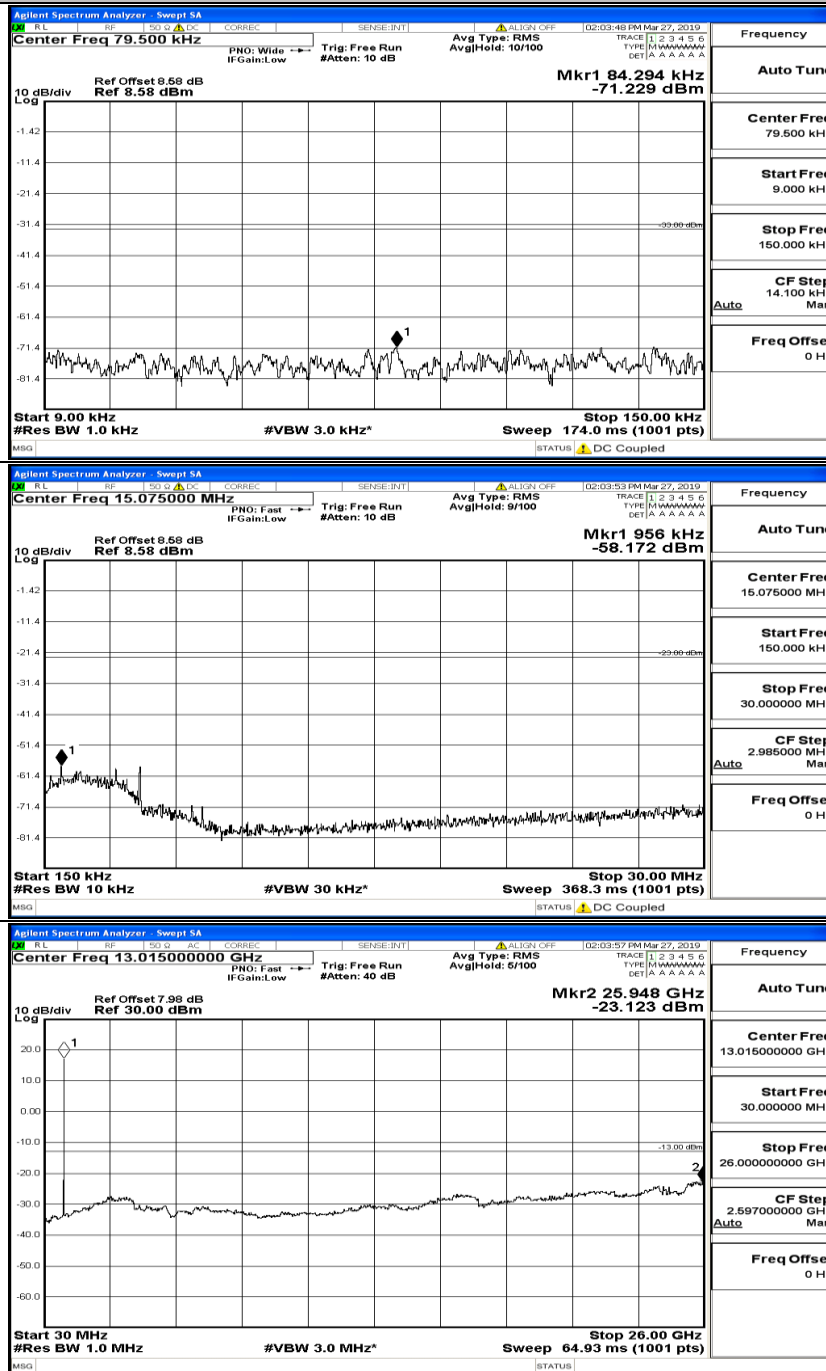
CF Step
2.597000000 GHz
Man

Freq Offset
0 Hz

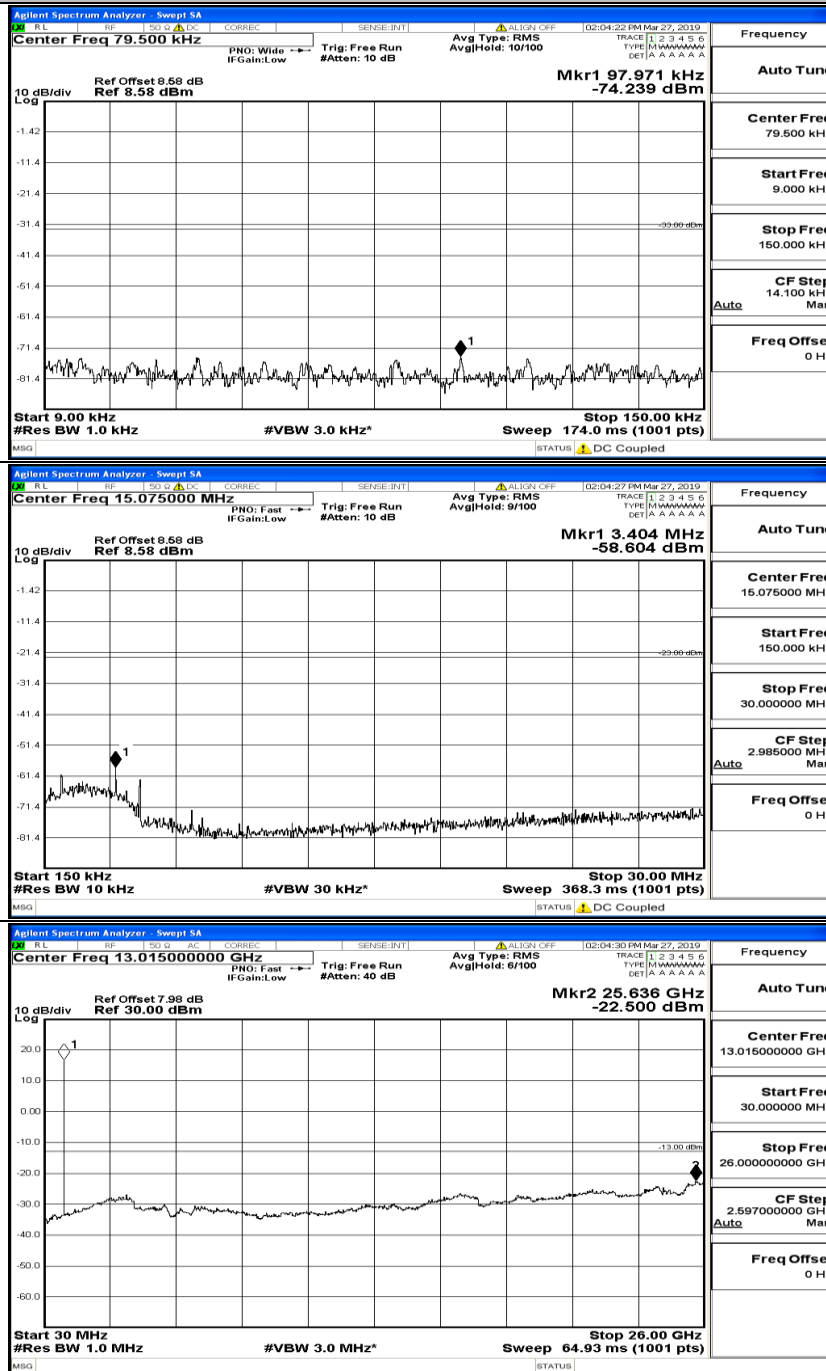
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



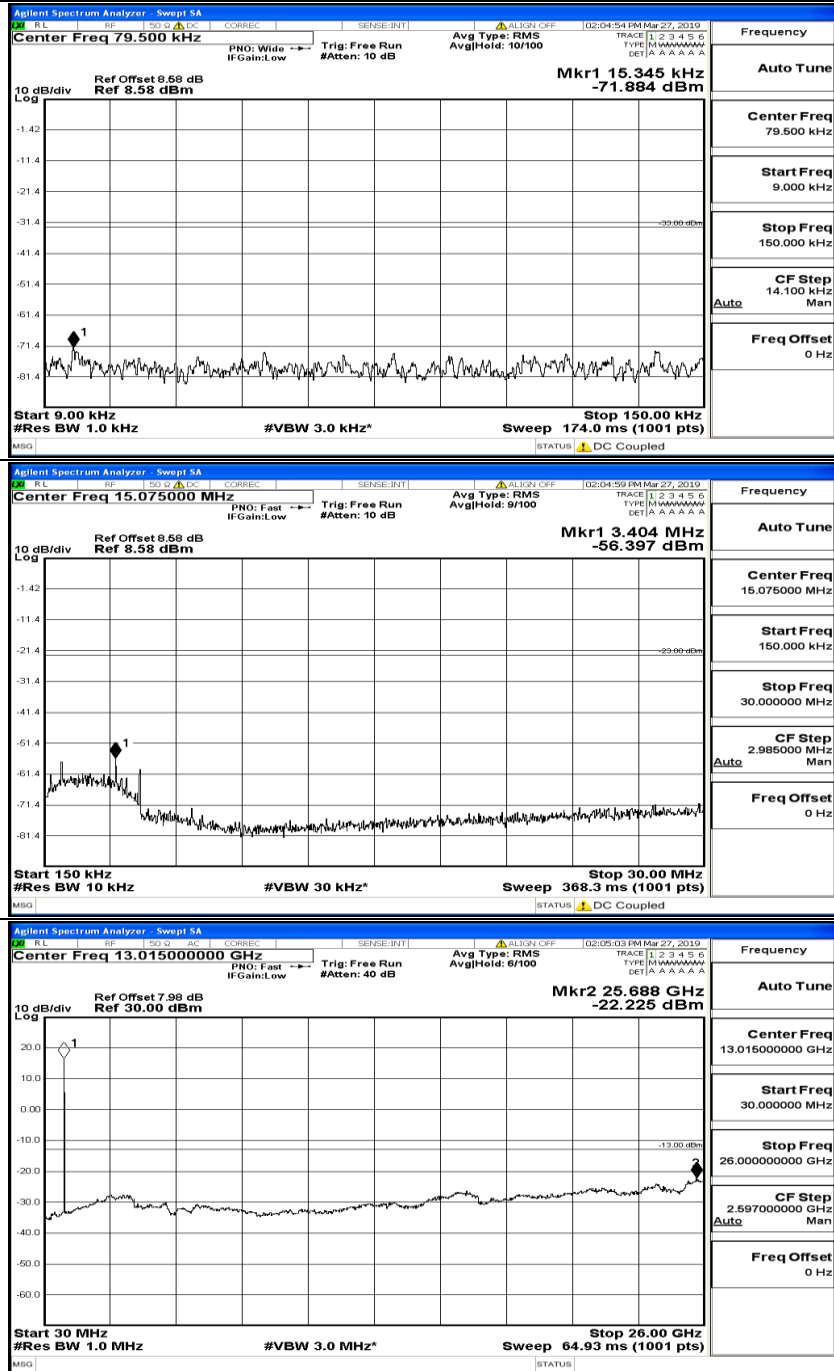
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 79.500 kHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 134.631 kHz
-65.466 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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 15.075000 MHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 3.404 MHz
-59.646 dBm

Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*

Stop 30.00 MHz
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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 13.015000000 GHz

Ref Offset 7.98 dB
Ref 30.00 dBm

Mkr2 26.000 GHz
-22.671 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

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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 79.500 kHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 135.054 kHz
-69.390 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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 15.075000 MHz

Ref Offset 8.58 dB
Ref 8.58 dBm

Mkr1 3.404 MHz
-60.837 dBm

Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*

Stop 30.00 MHz
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

Agilent Spectrum Analyzer - Sweep SA

Center Freq 13.015000000 GHz

Ref Offset 7.98 dB
Ref 30.00 dBm

Mkr2 25.688 GHz
-21.990 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

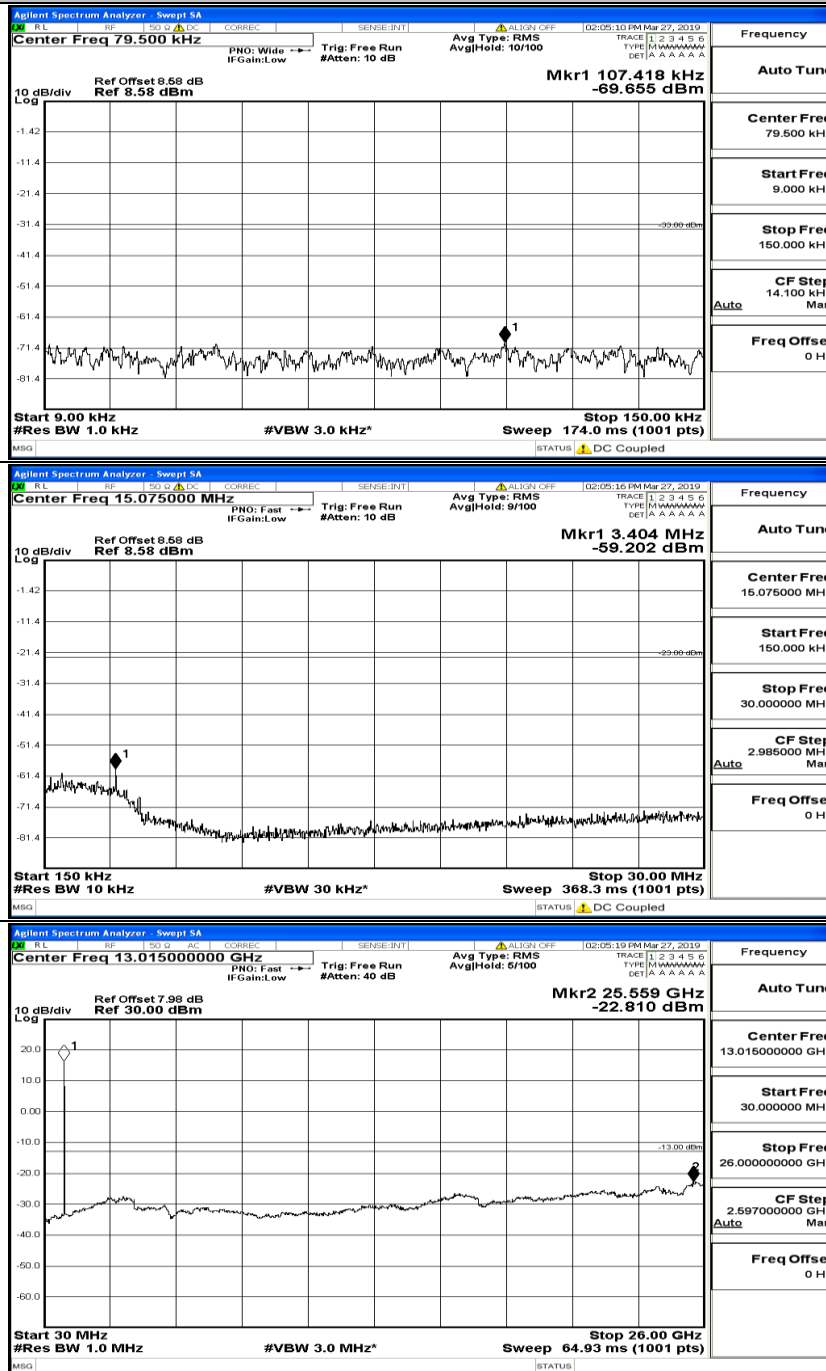
Start Freq
30.000000 MHz

Stop Freq
26.000000000 GHz

CF Step
2.597000000 GHz
Man

Freq Offset
0 Hz

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



Agilent Spectrum Analyzer - Swept SA

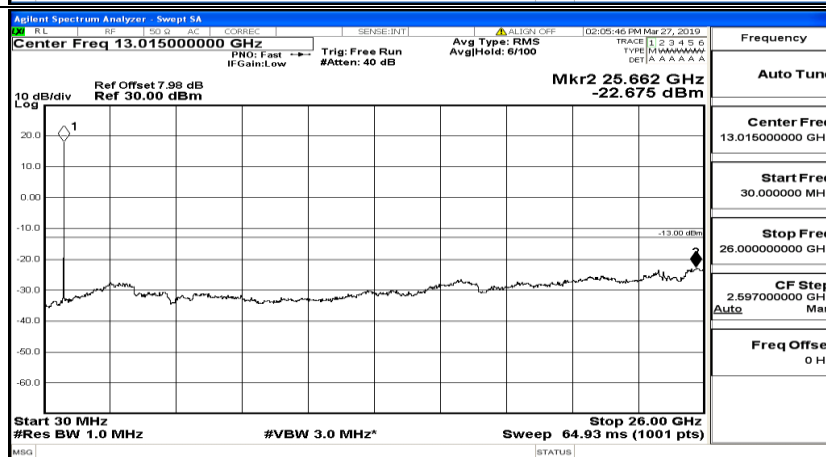
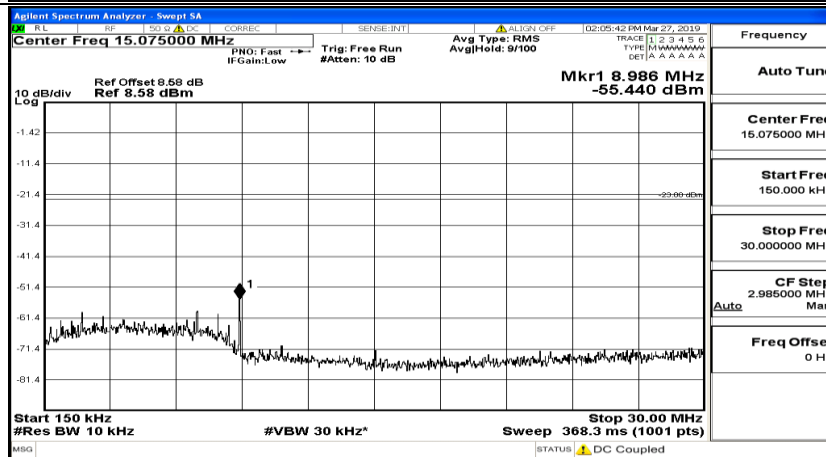
RL RF 150 kHz DC CORREC SENSE:INT ALIGN OFF 02:05:37 PM Mar 27, 2019

Center Freq 79.500 kHz PNO: Wide Trg: Free Run Avg Type: RMS Mkr1 9.705 kHz
IFGain: Low #Atten: 10 dB AvgHeld: 10/10 Type: [A WAAAAA] -72.575 dBm
DET: [A A A A A A]

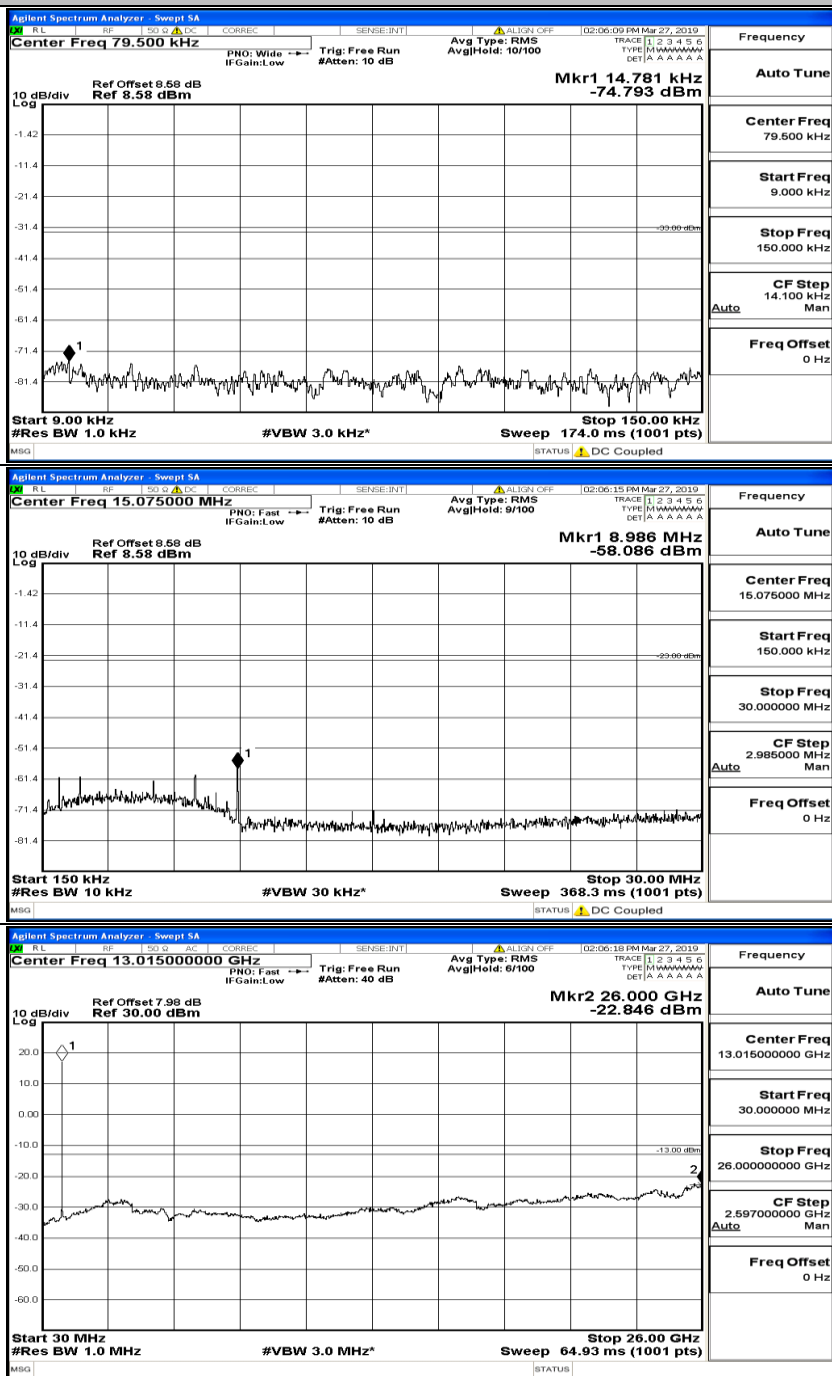
10 dB/div Ref Offset 9.58 dB
Log Ref 8.58 dBm

Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (1001 pts)

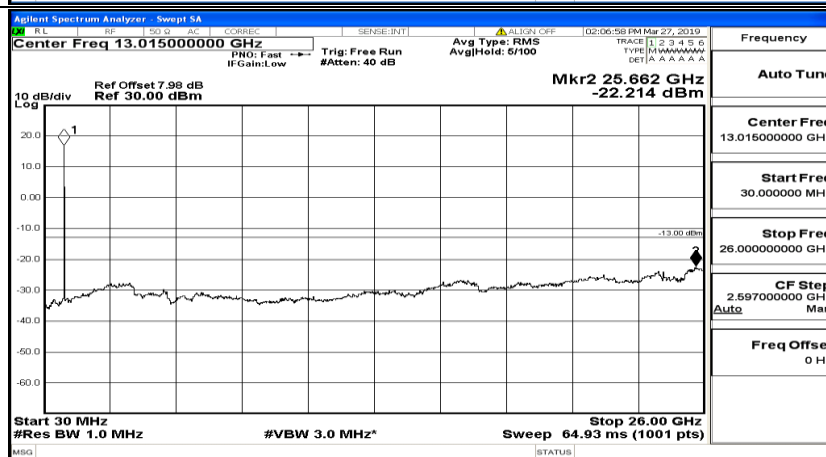
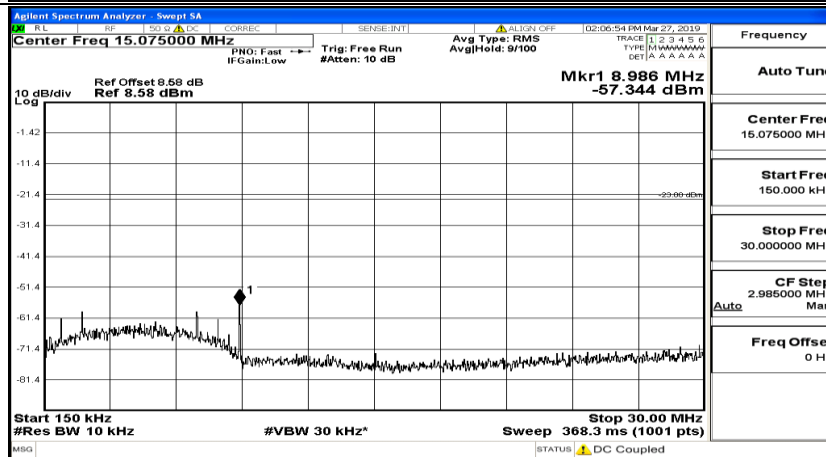
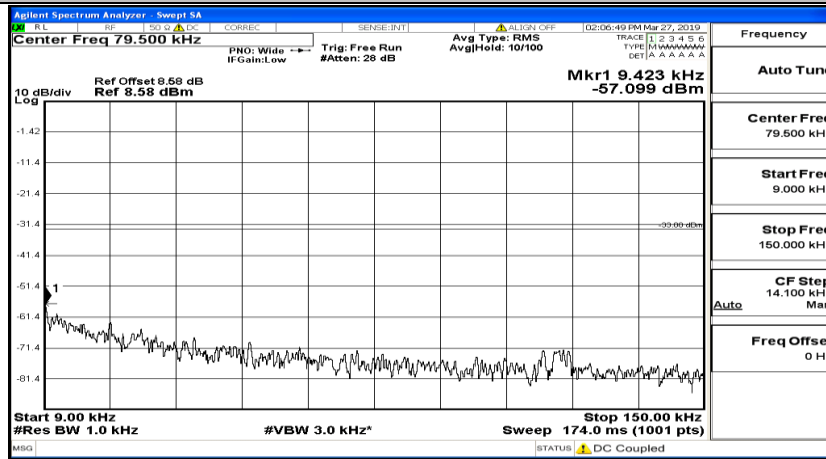
MSG STATUS DC Coupled



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



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



Agilent Spectrum Analyzer - Swept SA

RL RF 150.0 kHz DC CORREC SENSE:INT ALIGN OFF 02:05:53 PM Mar 27, 2019

Center Freq 79.500 kHz PNO: Wide -> Trg: Free Run #Atten: 10 dB Avg Type: RMS AvgHeld: 10/100 TRACE 1 2 3 4 5 6 TYPE: IAWAAAAW DET: AAAAAA

10 dB/div Ref Offset 9.58 dB Ref 8.58 dBm

Mkr1 13.935 kHz -70.005 dBm

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.00 kHz

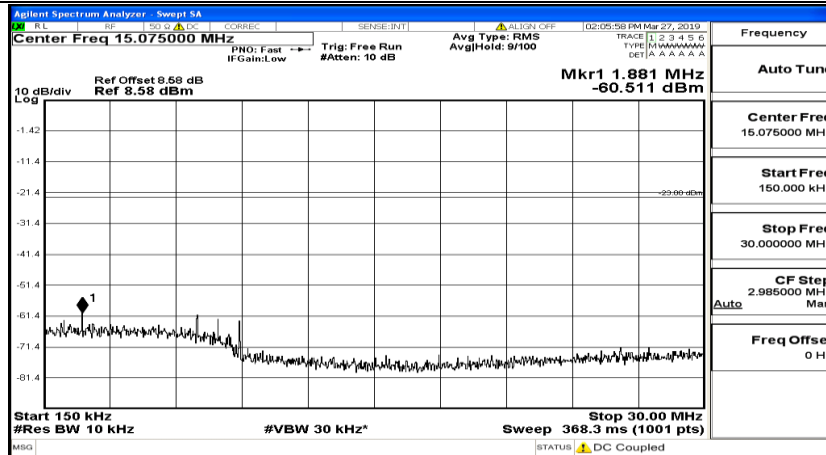
Stop Freq 150.00 kHz

CF Step 14.100 kHz Marker Auto

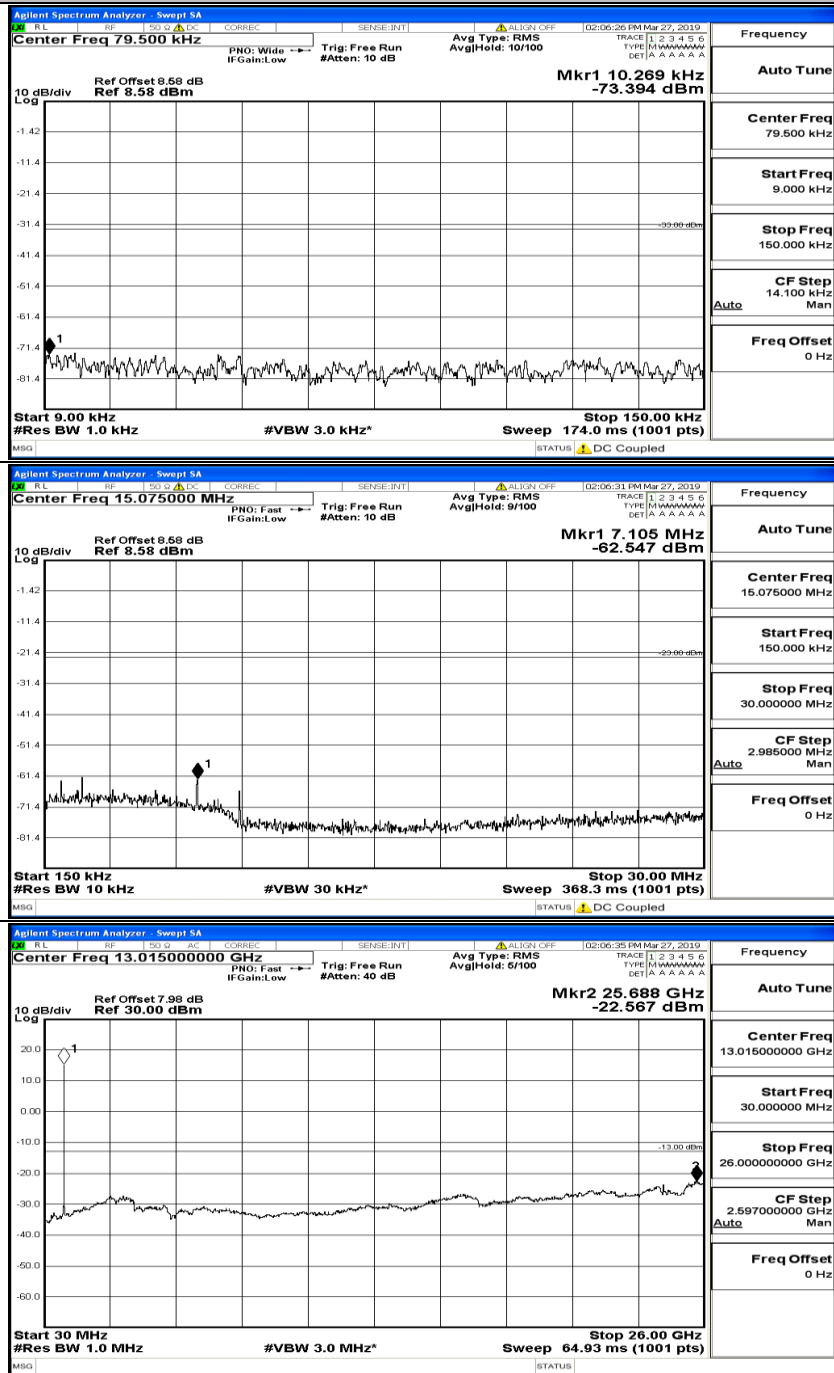
Freq Offset 0 Hz

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: 10 MHz)_MCH_16QAM



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

