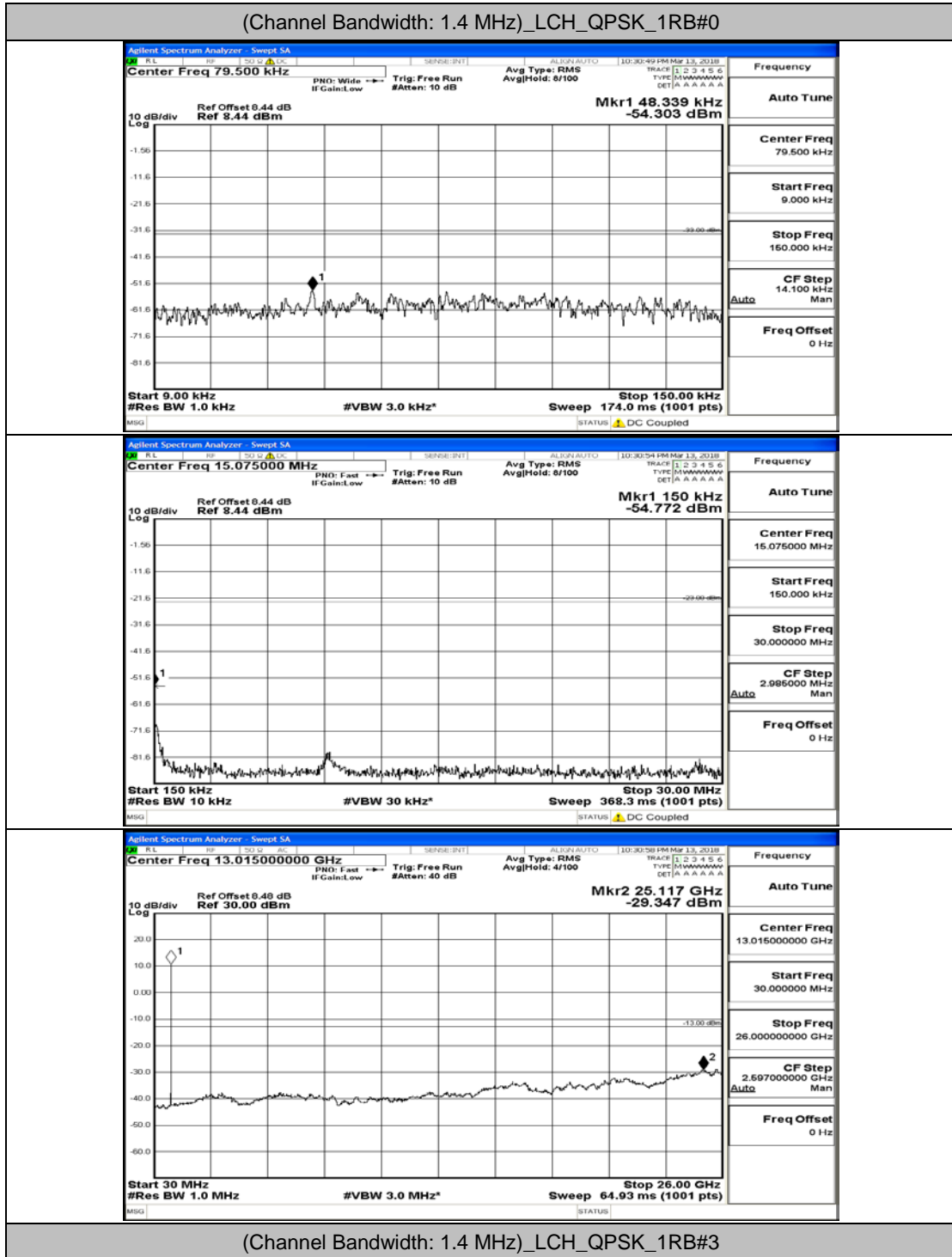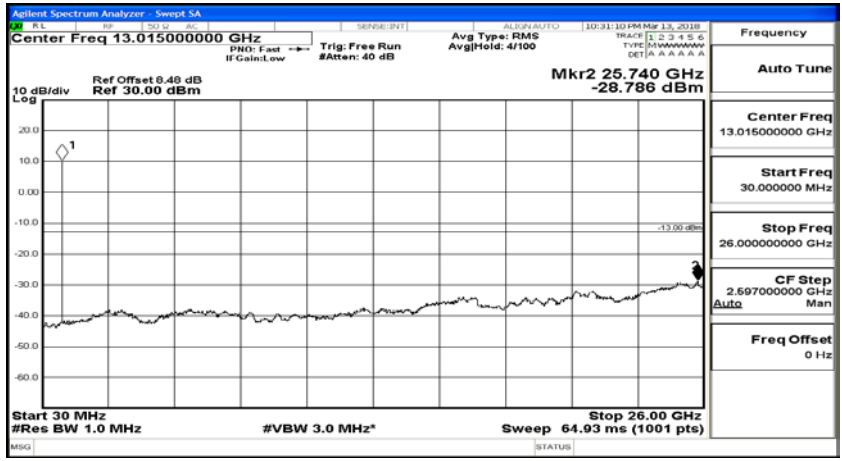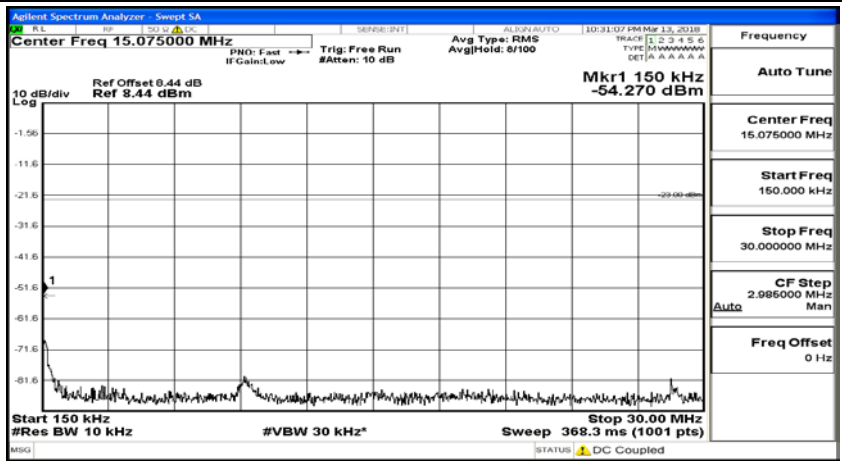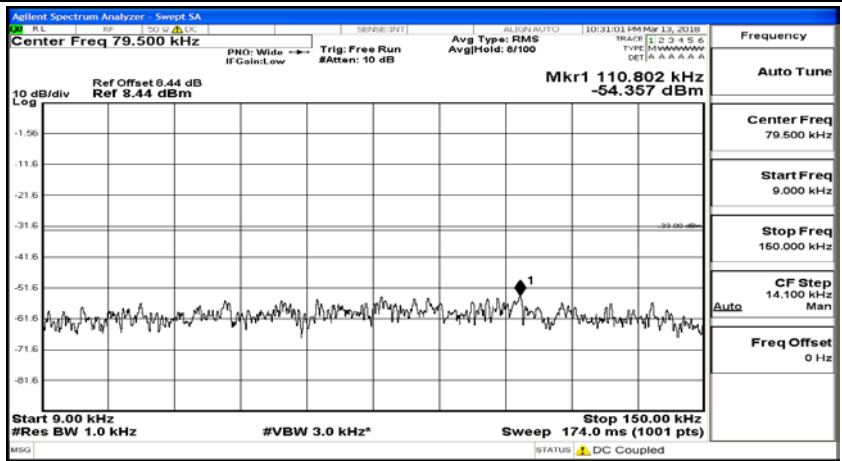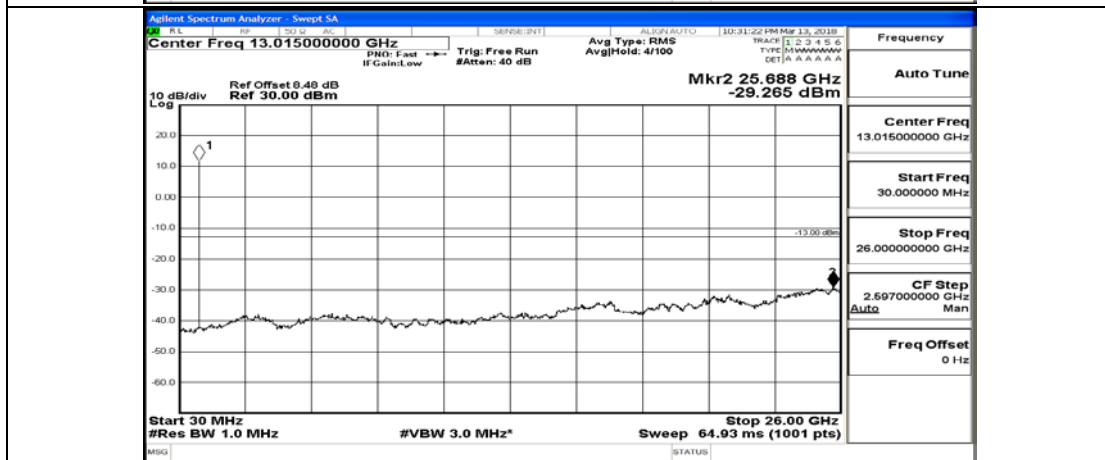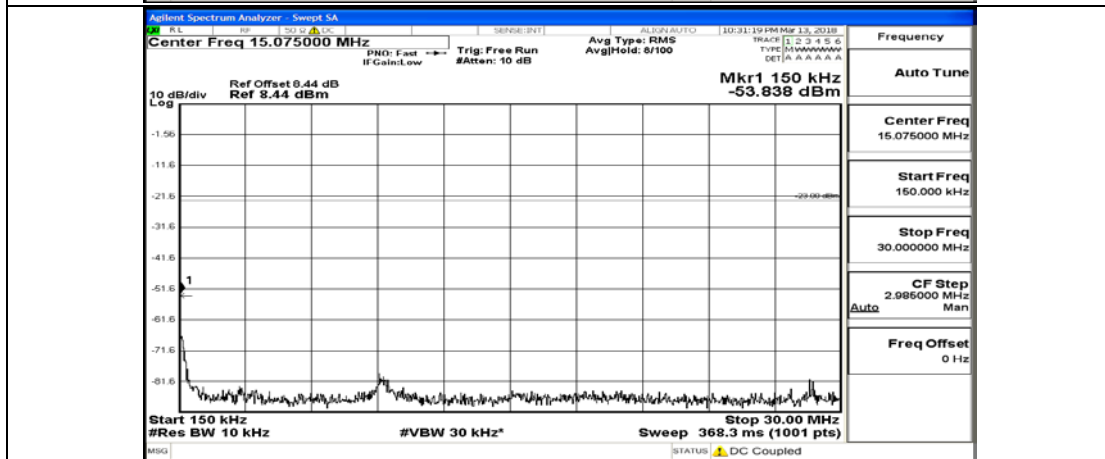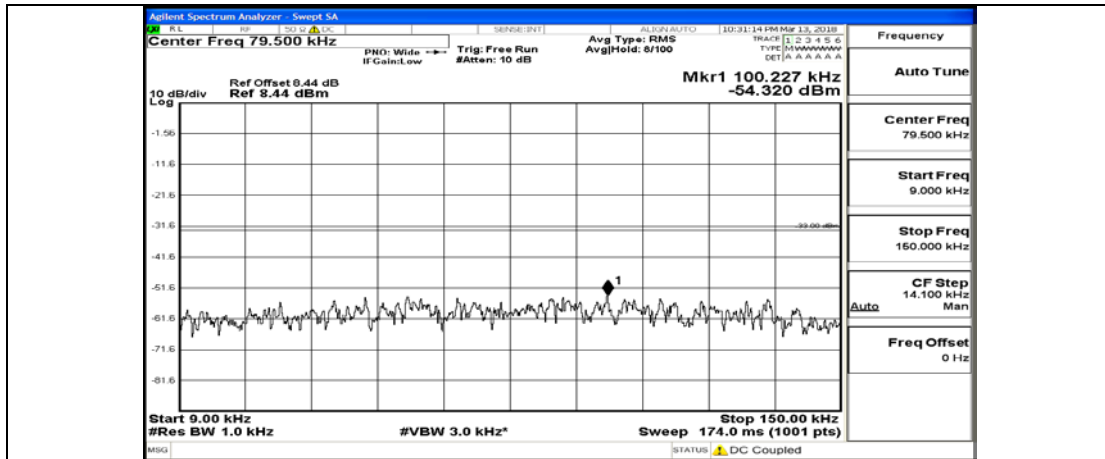# C.5: Conducted Spurious Emission

Test Graphs

Channel Bandwidth: 1.4 MHz
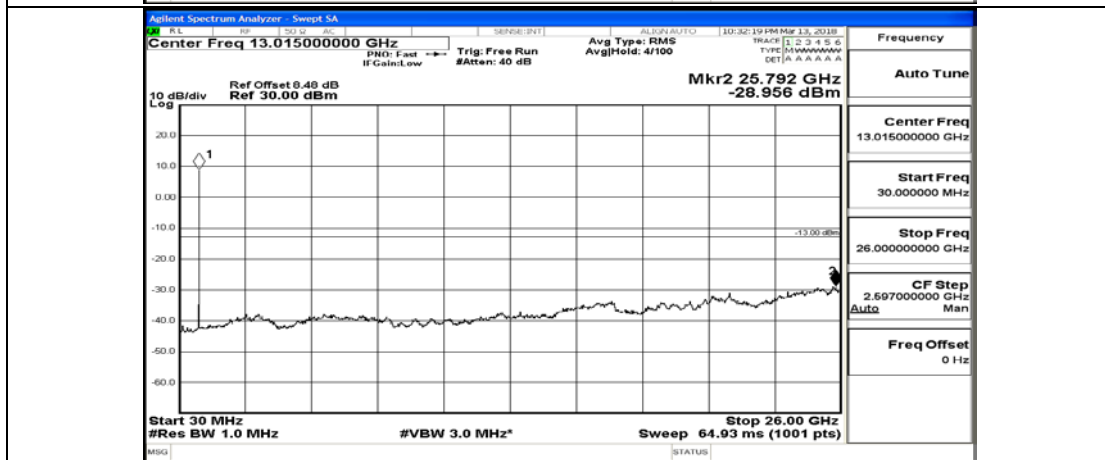
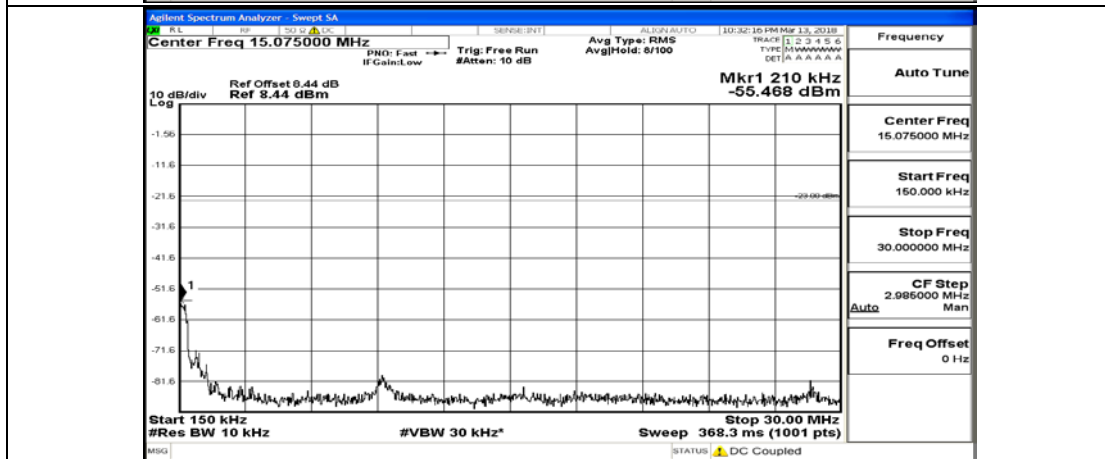| (Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0 |
| --- |

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0

(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
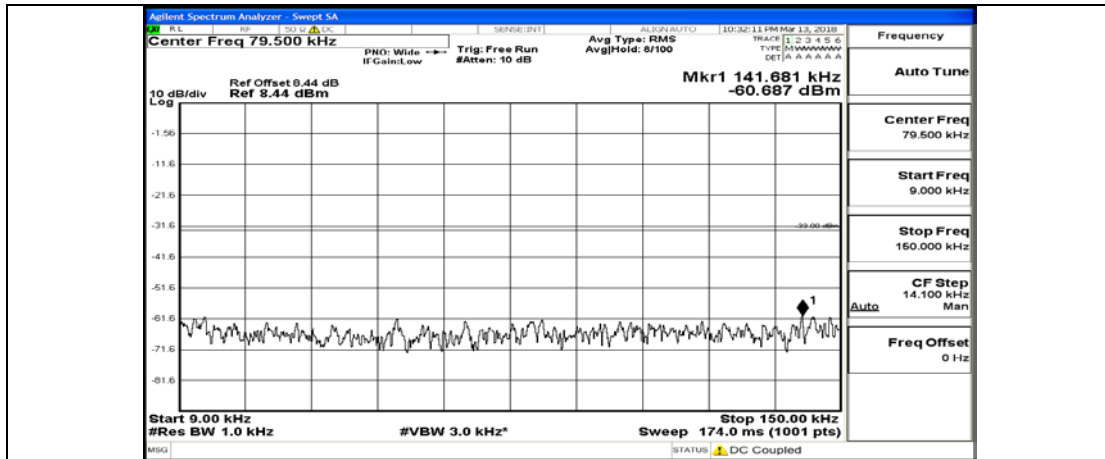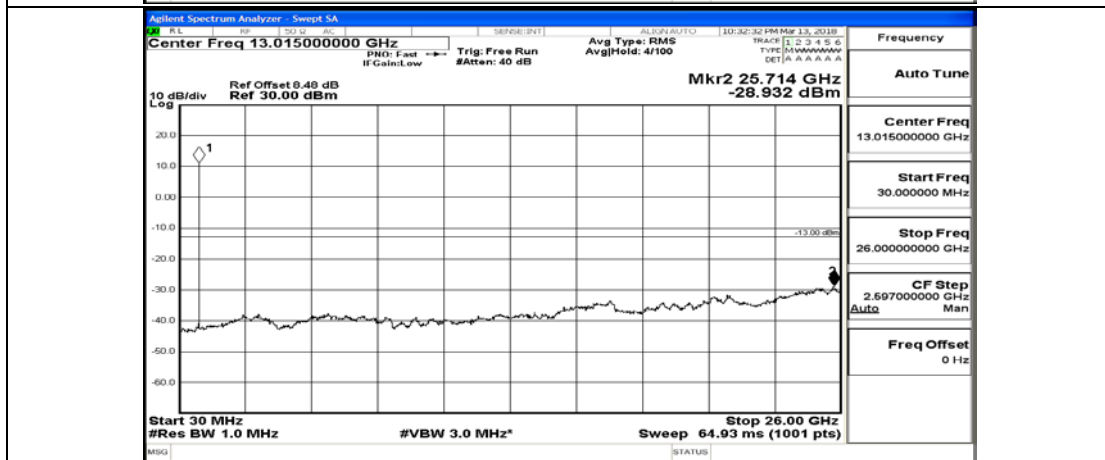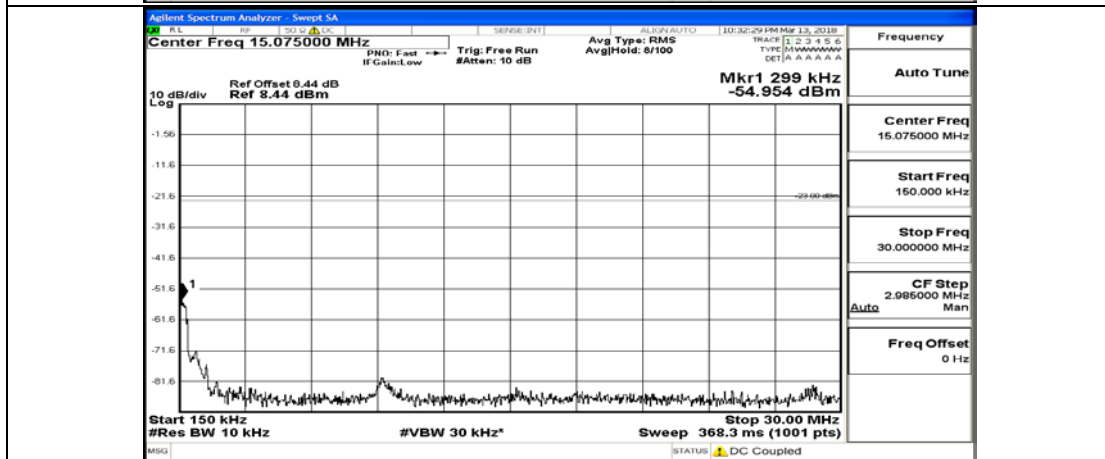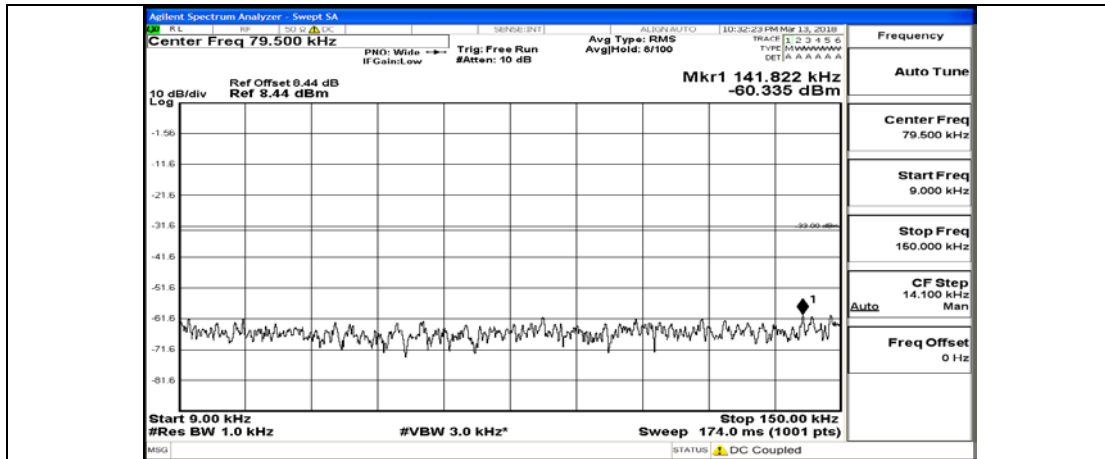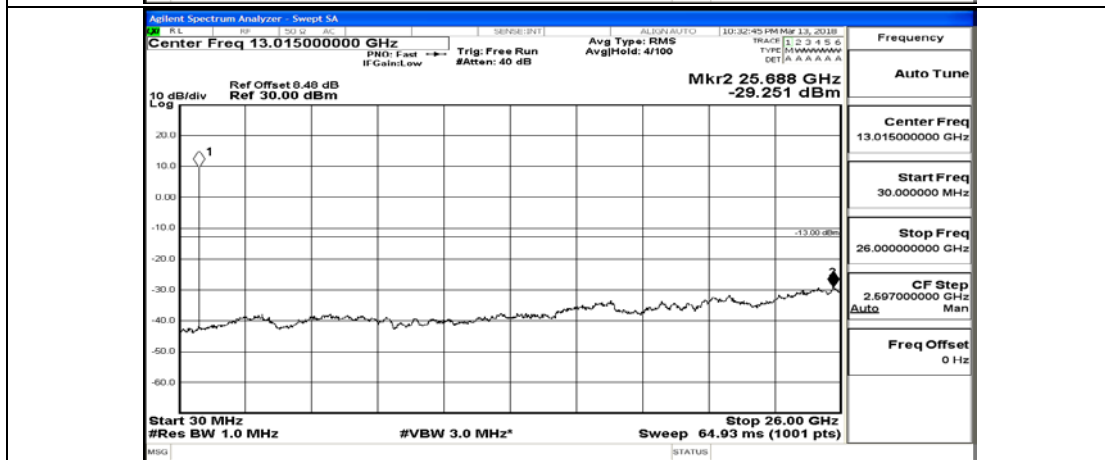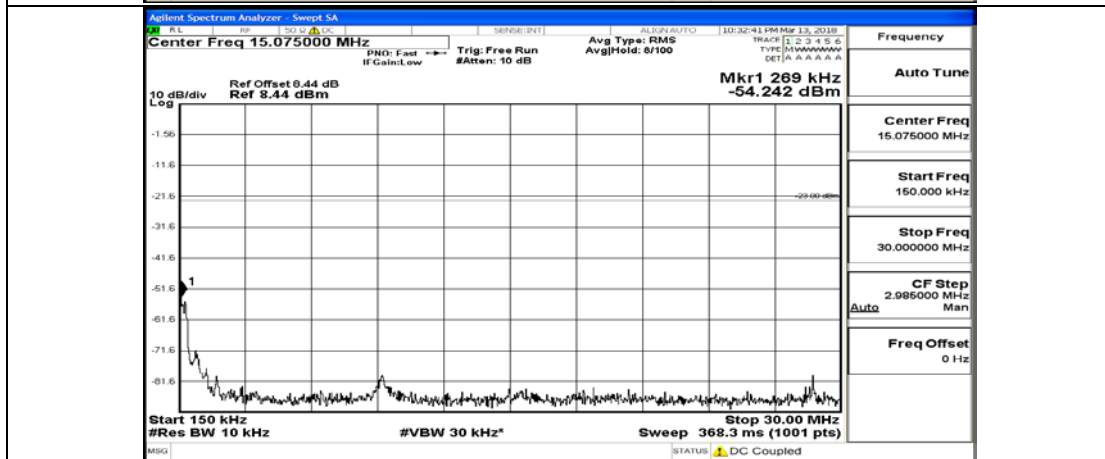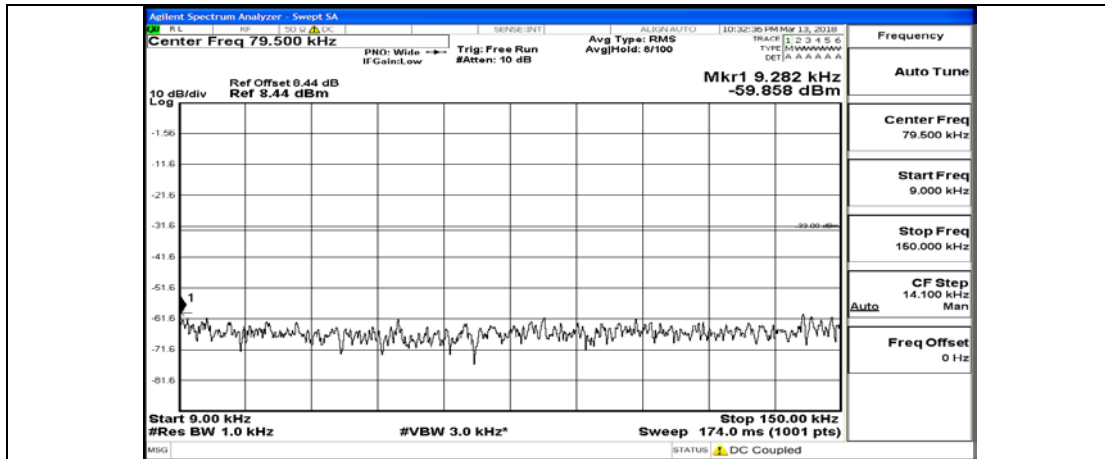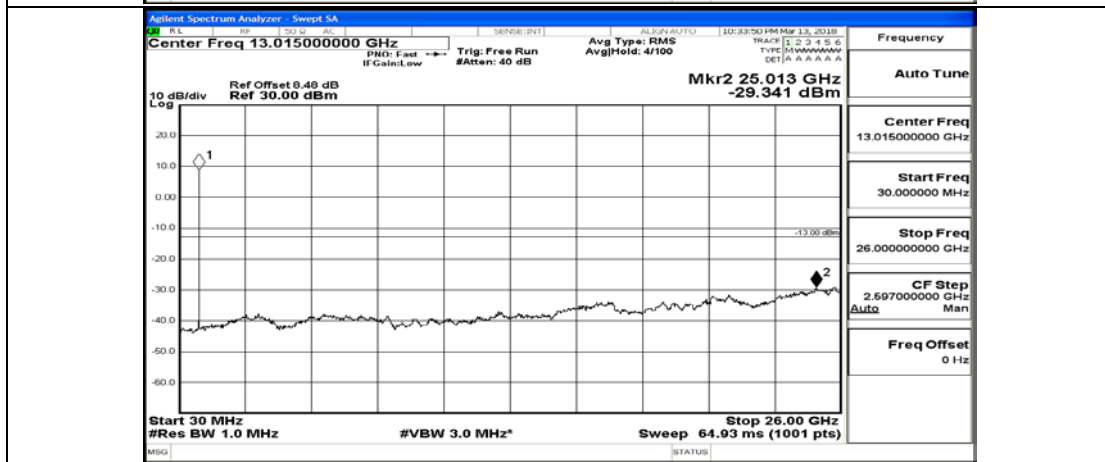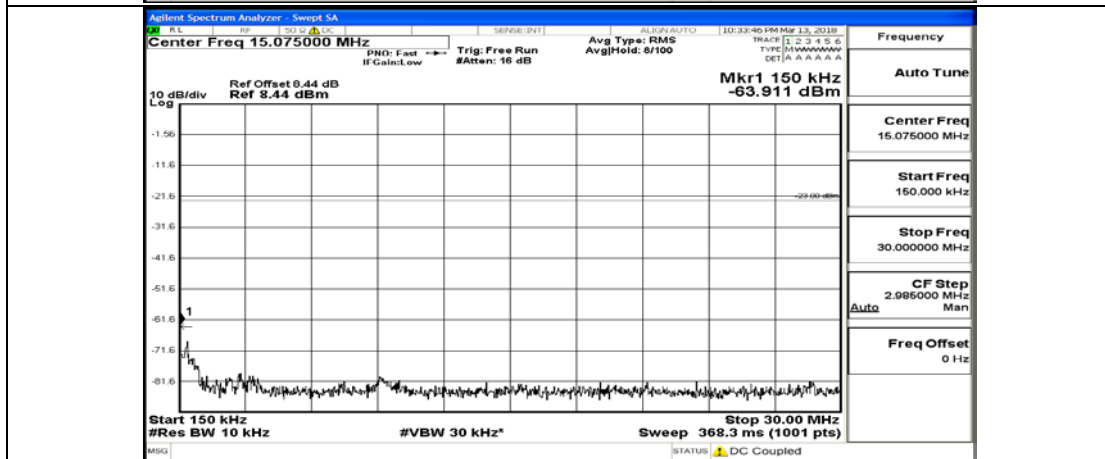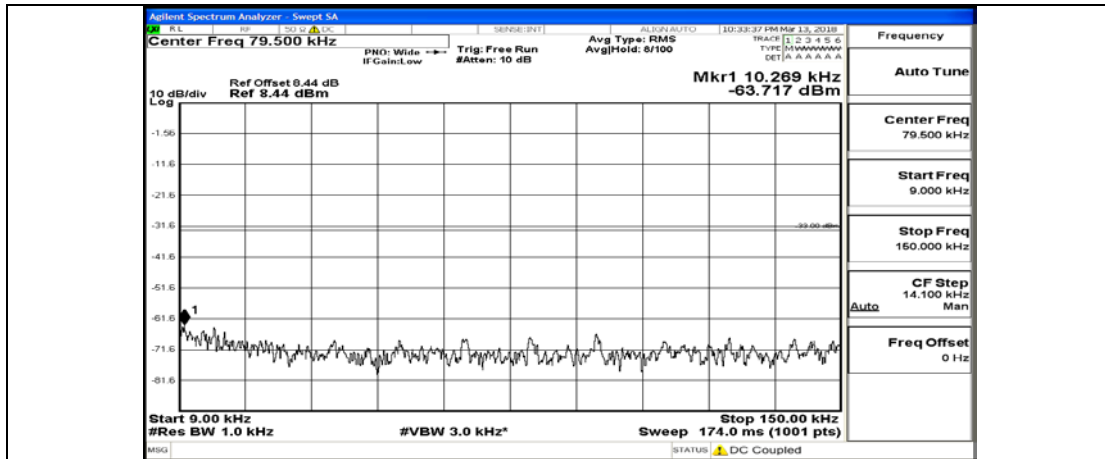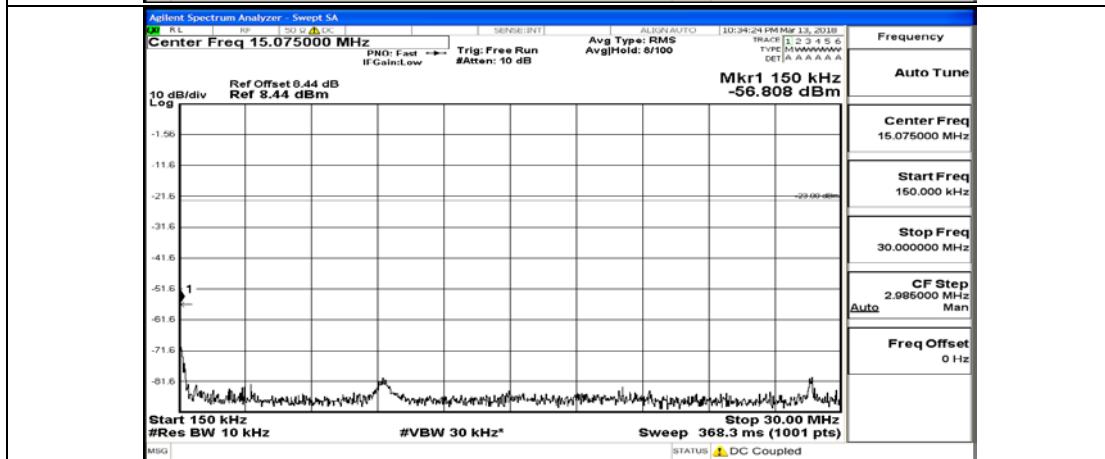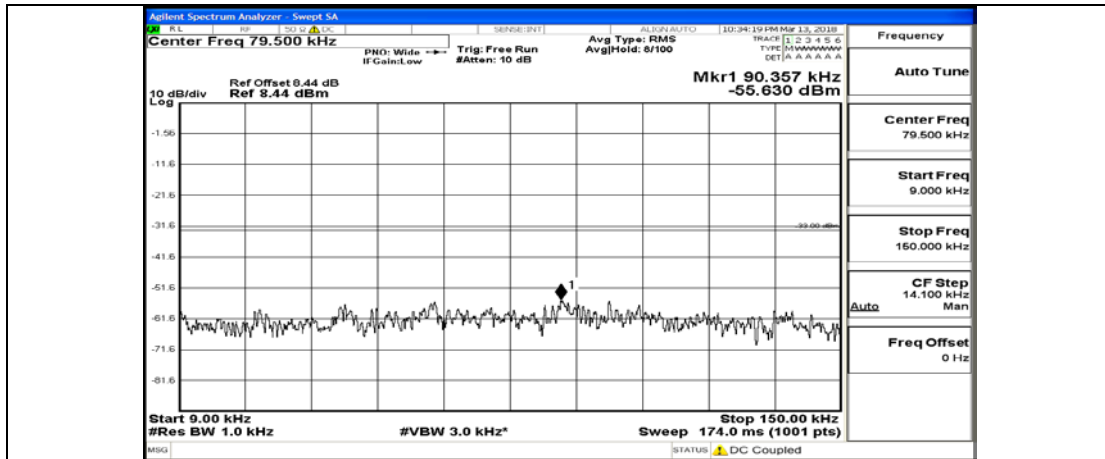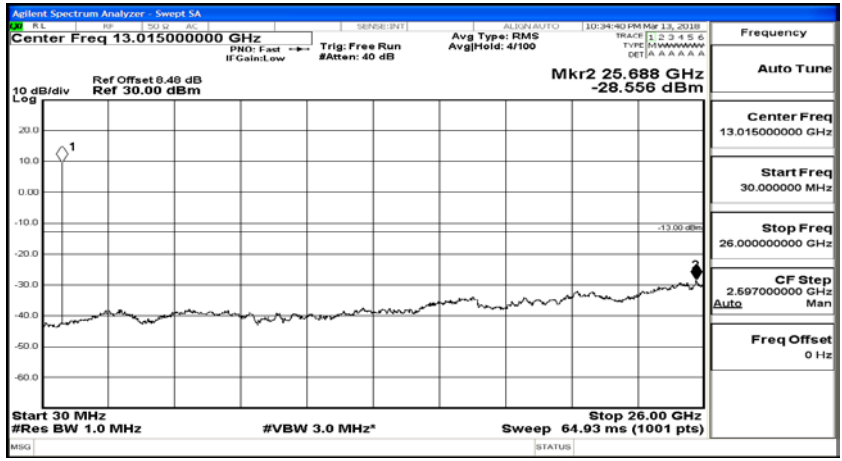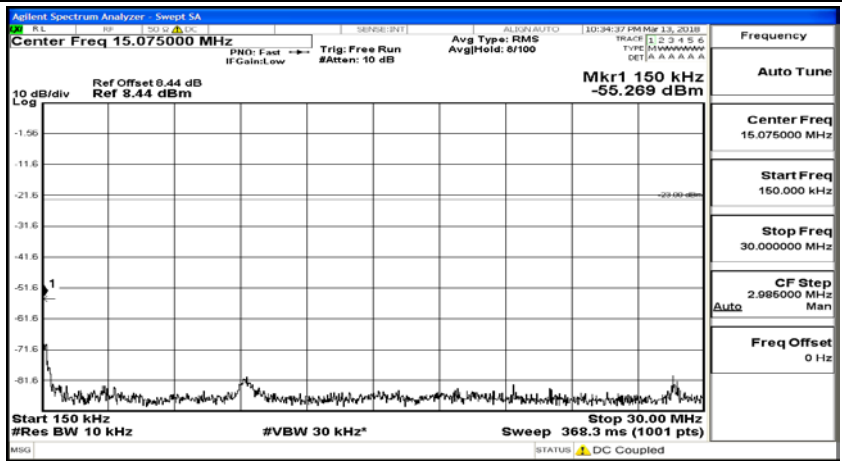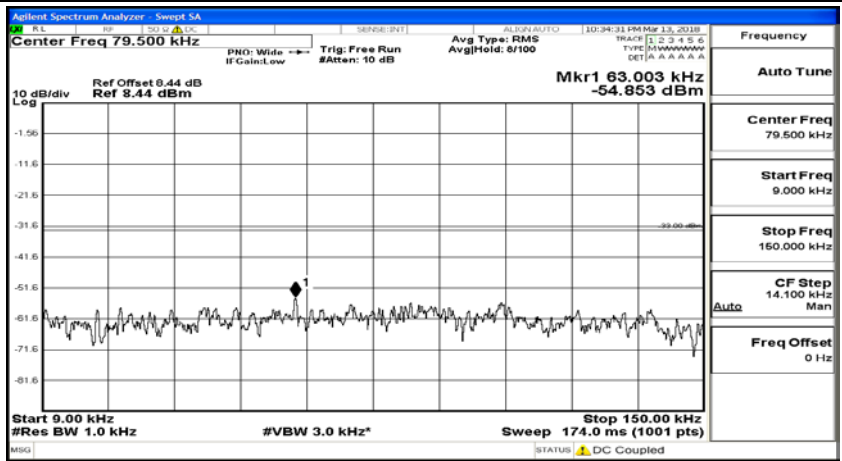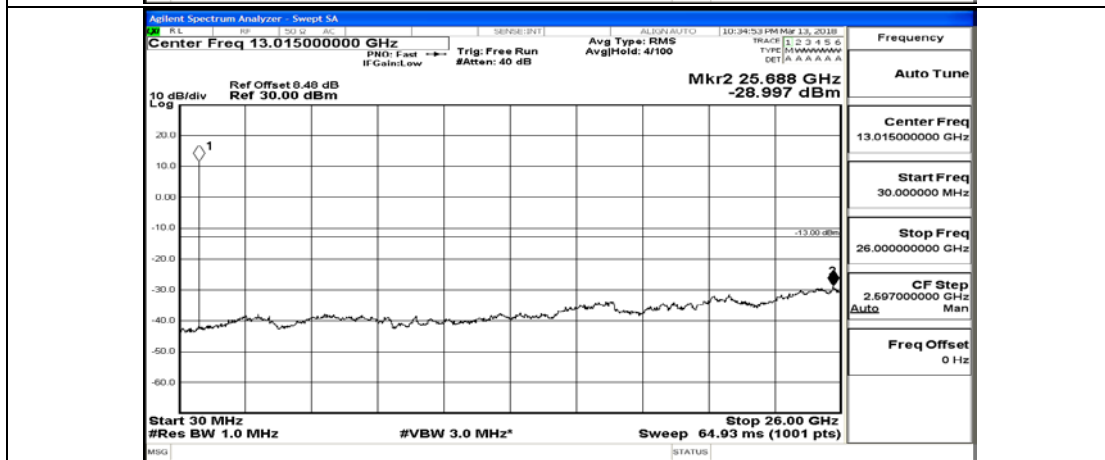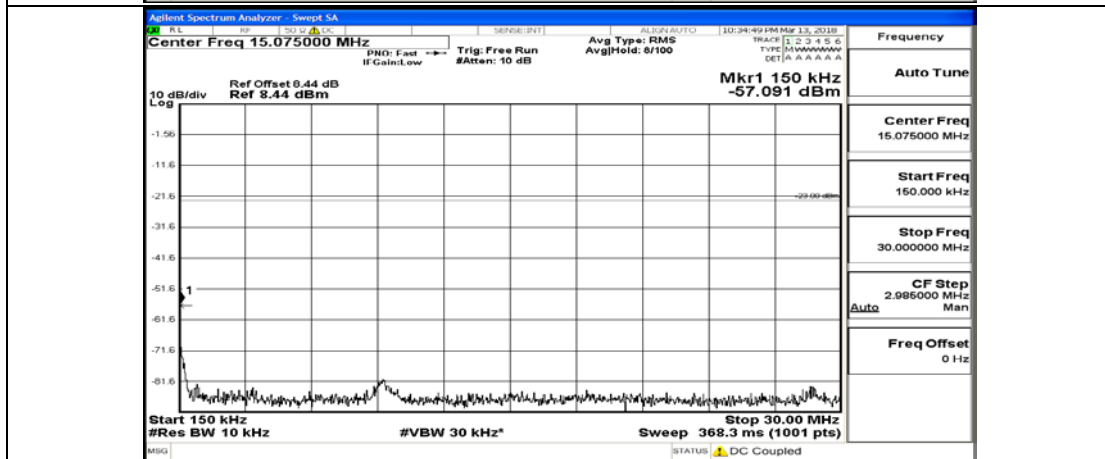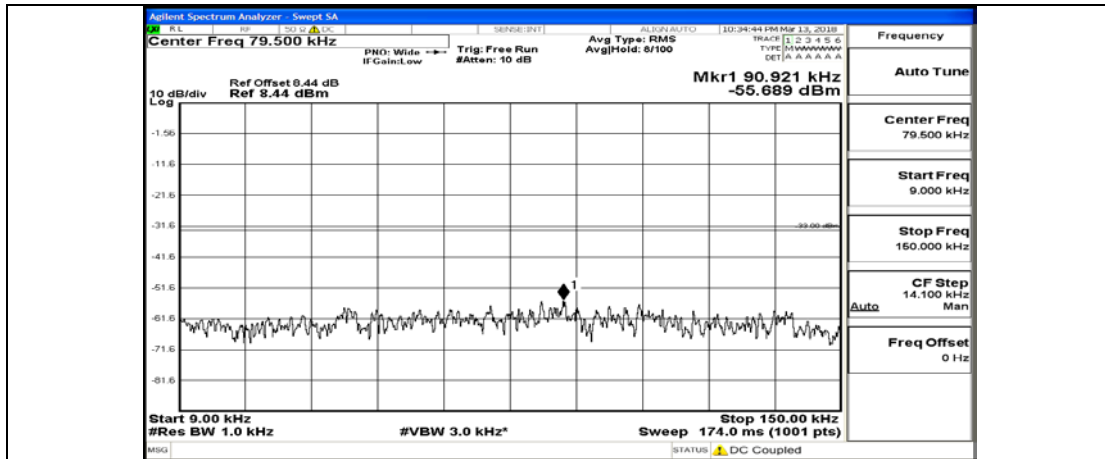
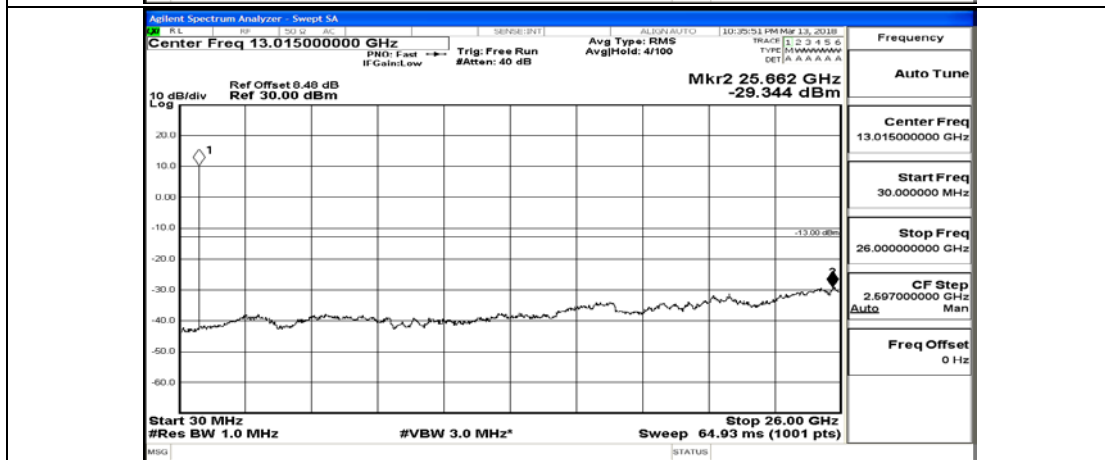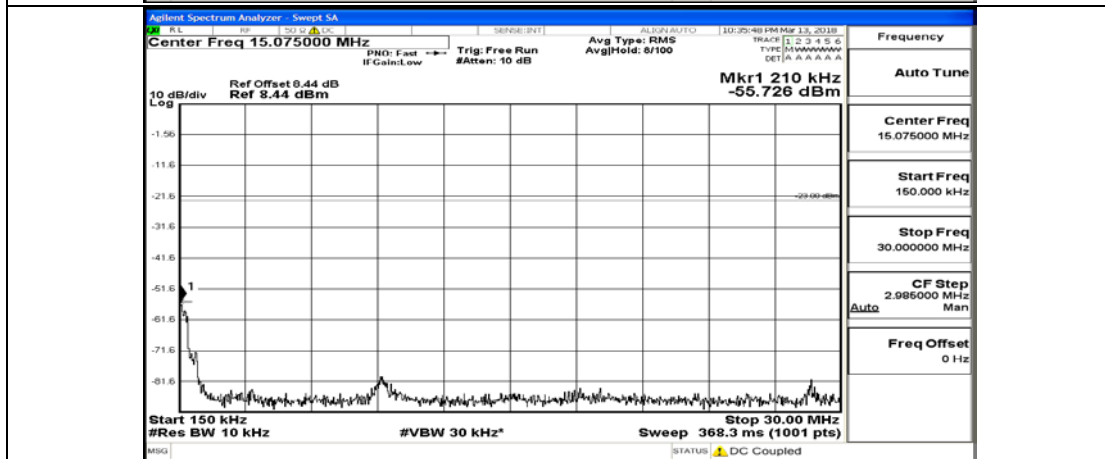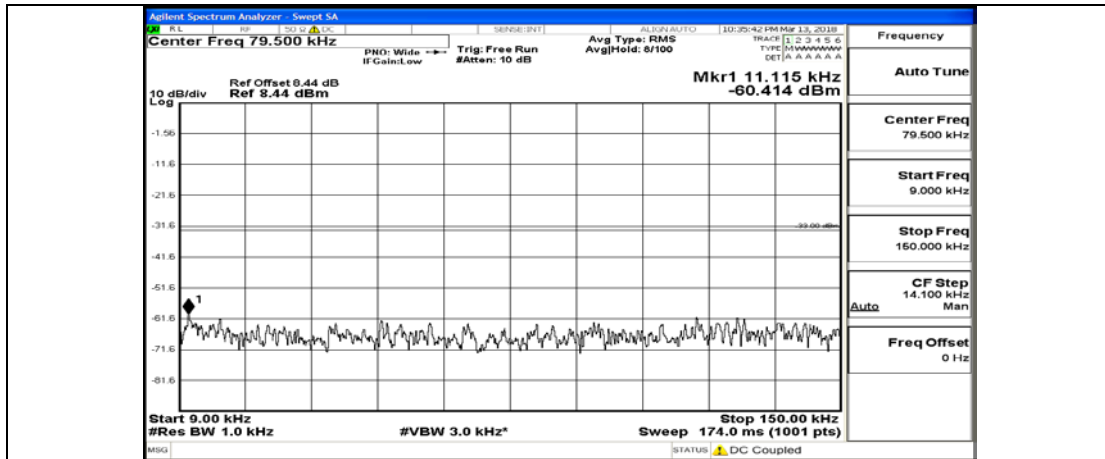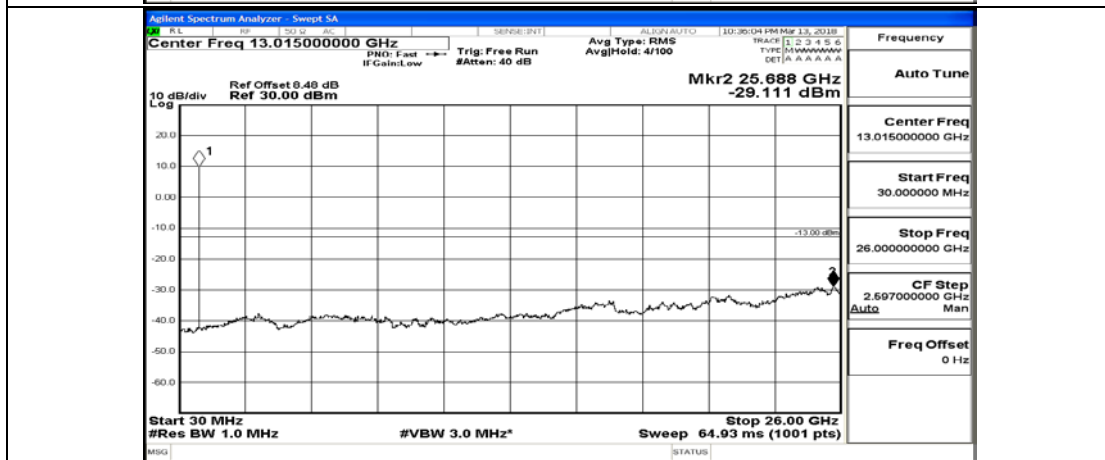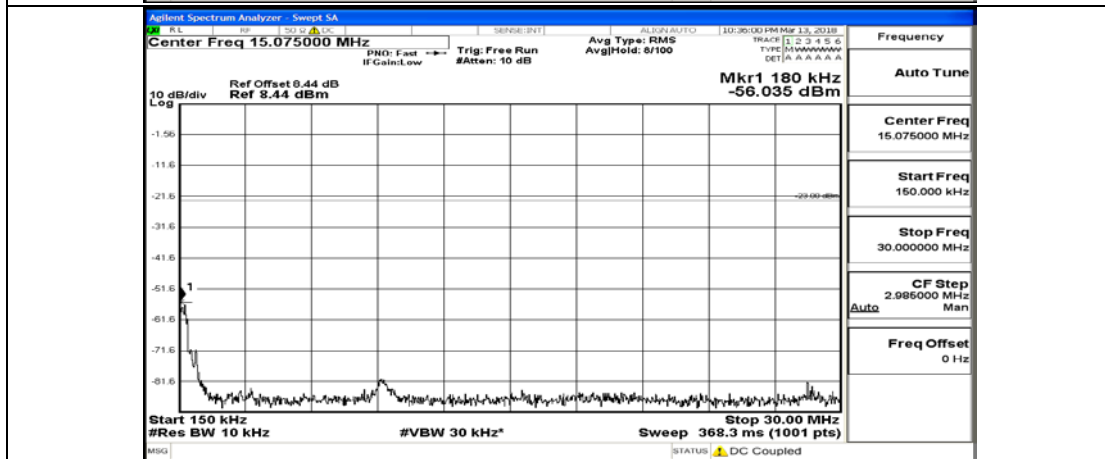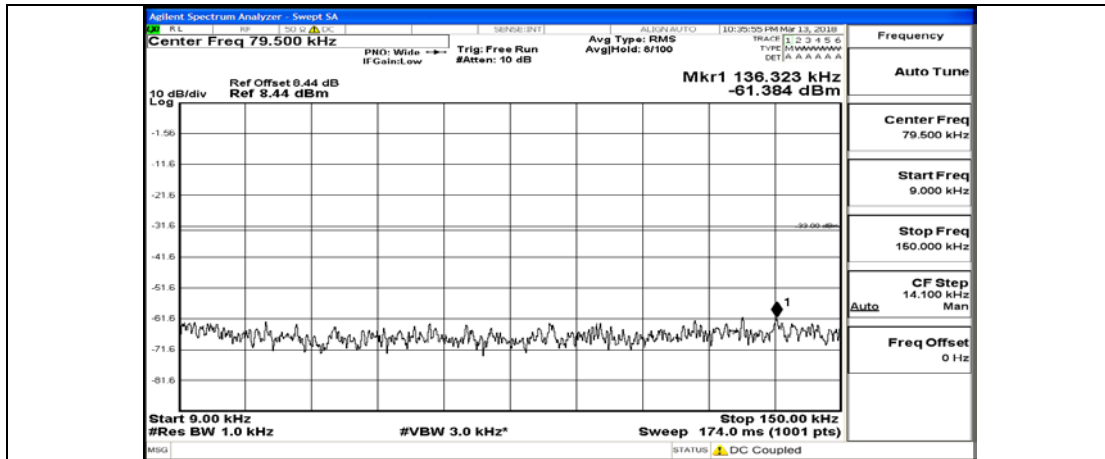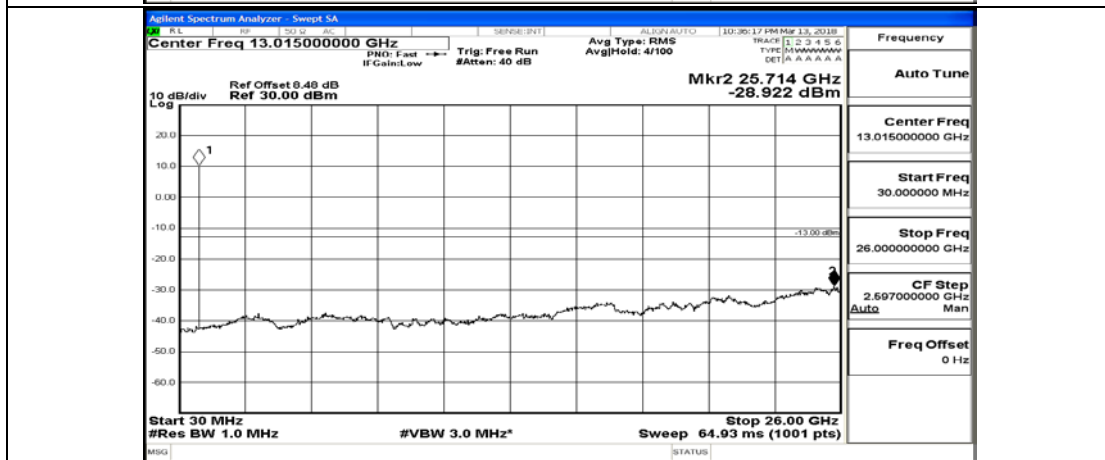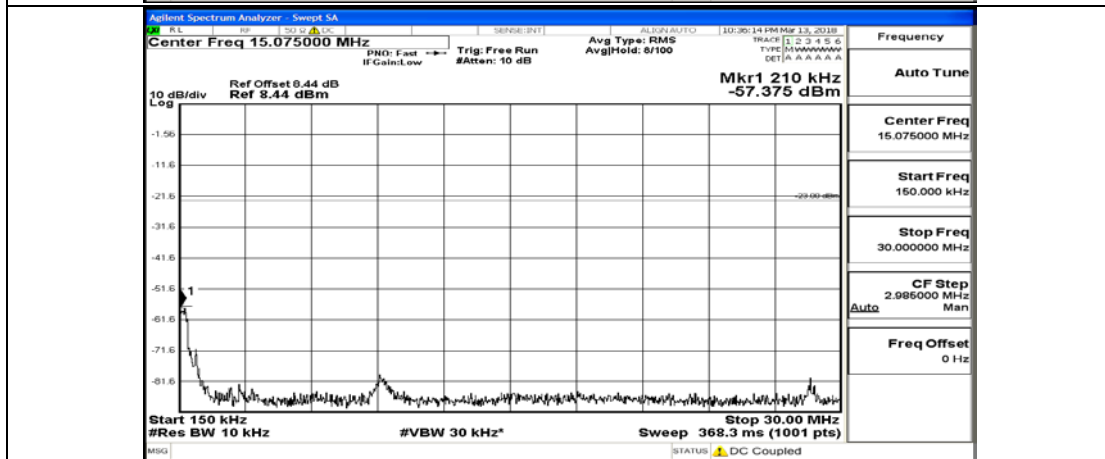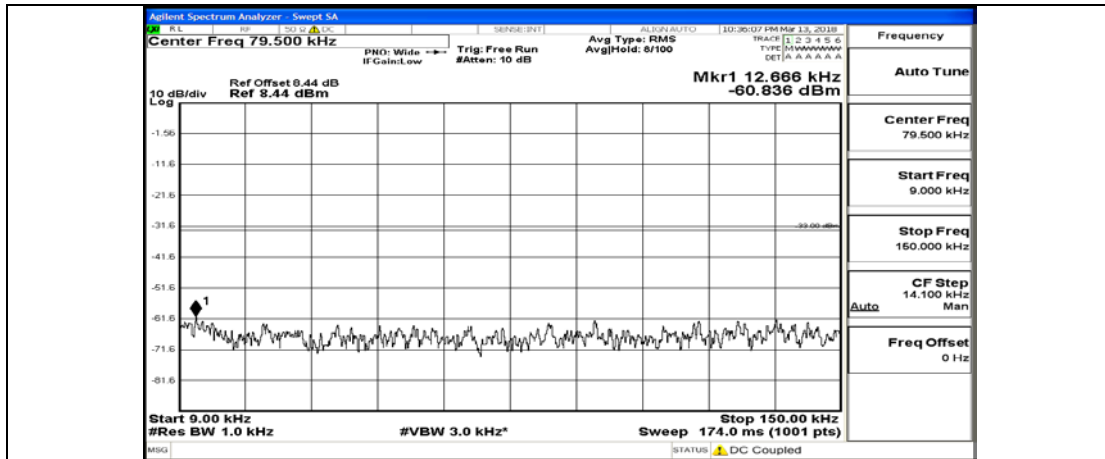(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

Agilent Spectrum Analyzer - Swept SA
Center Freq 79.500 kHz
PNO: Wide   Trig: Free Run
IF Gain:Low   #Atten: 10 dB
Avg Type: RMS
Avg|Hold: 6/100
10:34:44 PM Mar 13, 2018
TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET A A A A A A

Ref Offset 8.44 dB
10 dB/div   Ref 8.44 dBm
Log

Mkr1 90.921 kHz
-55.689 dBm

-1.56
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-71.6
-81.6

-29.00 dBm
1

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

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

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast   Trig: Free Run
IF Gain:Low   #Atten: 10 dB
Avg Type: RMS
Avg|Hold: 8/100
10:34:49 PM Mar 13, 2018
TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET A A A A A A

Ref Offset 8.44 dB
10 dB/div   Ref 8.44 dBm
Log

Mkr1 150 kHz
-57.091 dBm

-1.56
-11.6
-21.6
-31.6
-41.6
-51.6
-61.6
-71.6
-81.6

-29.00 dBm
1

Start 150 kHz
#Res BW 10 kHz   #VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
MSG
STATUS ⚠ DC Coupled

Frequency
Auto Tune
Center Freq 15.075000 MHz
Start Freq 150.000 kHz
Stop Freq 30.000000 MHz
CF Step 2.985000 MHz
Auto   Man
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast   Trig: Free Run
IF Gain:Low   #Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
10:34:53 PM Mar 13, 2018
TRACE 1 2 3 4 5 6
TYPE M W W W W W
DET A A A A A A

Ref Offset 8.48 dB
10 dB/div   Ref 30.00 dBm
Log

Mkr2 25.688 GHz
-28.997 dBm

20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

1
-13.00 dBm
2

Start 30 MHz
#Res BW 1.0 MHz   #VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)
MSG
STATUS

Frequency
Auto Tune
Center Freq 13.015000000 GHz
Start Freq 30.000000 MHz
Stop Freq 26.000000000 GHz
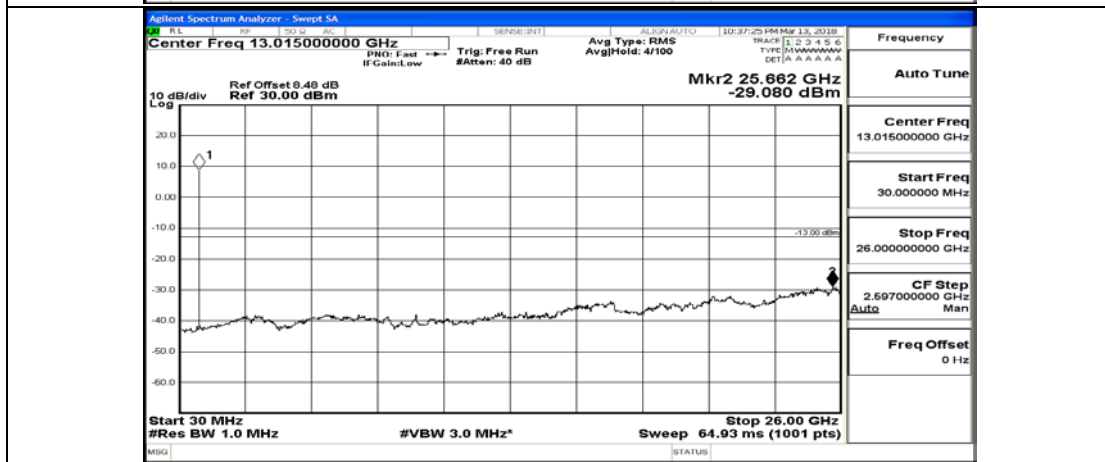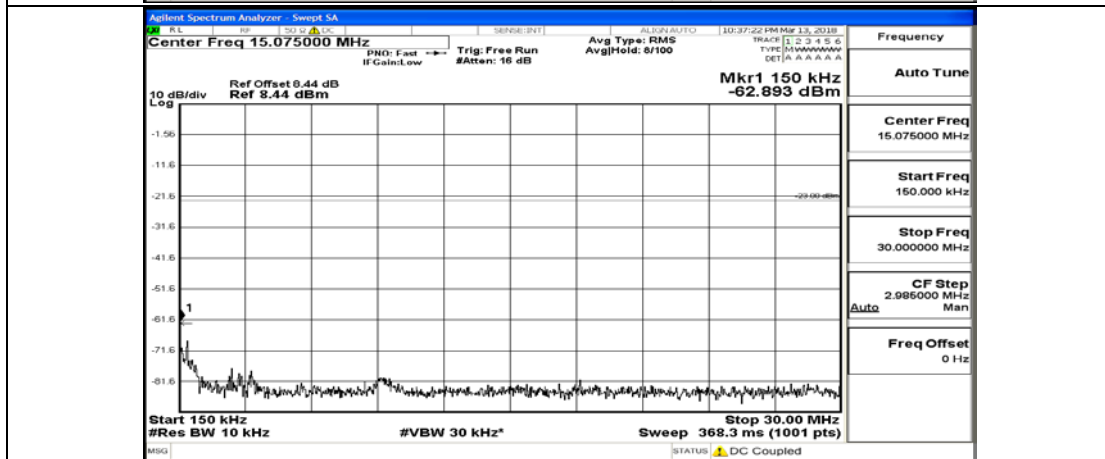CF Step 2.697000000 GHz
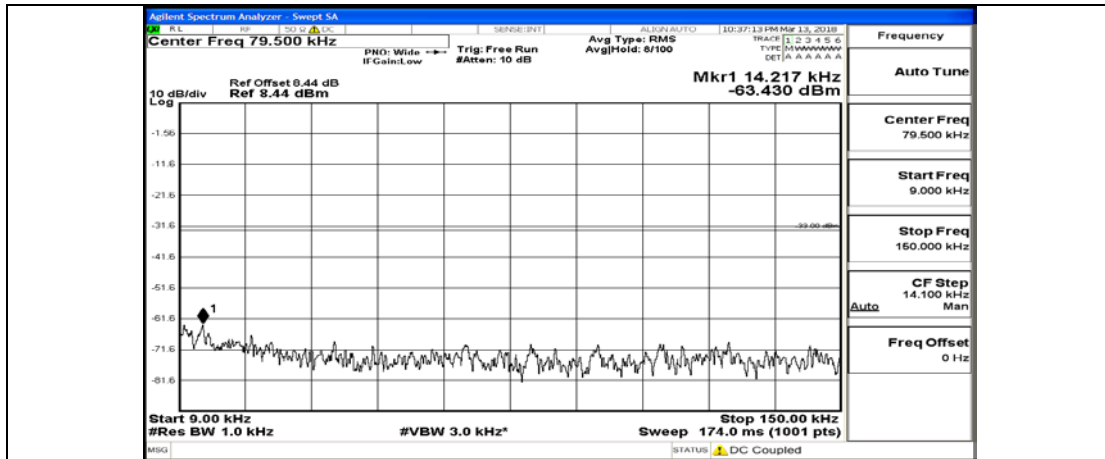Auto   Man
Freq Offset 0 Hz
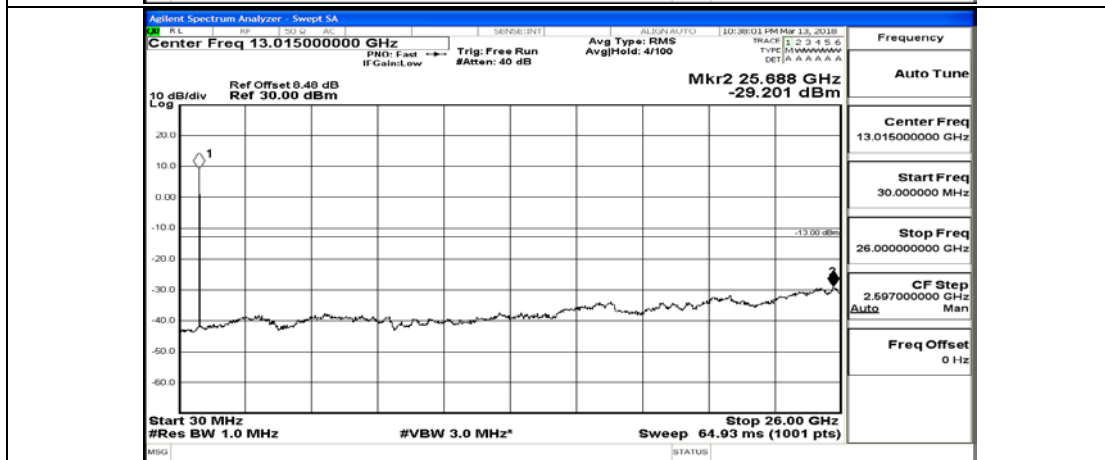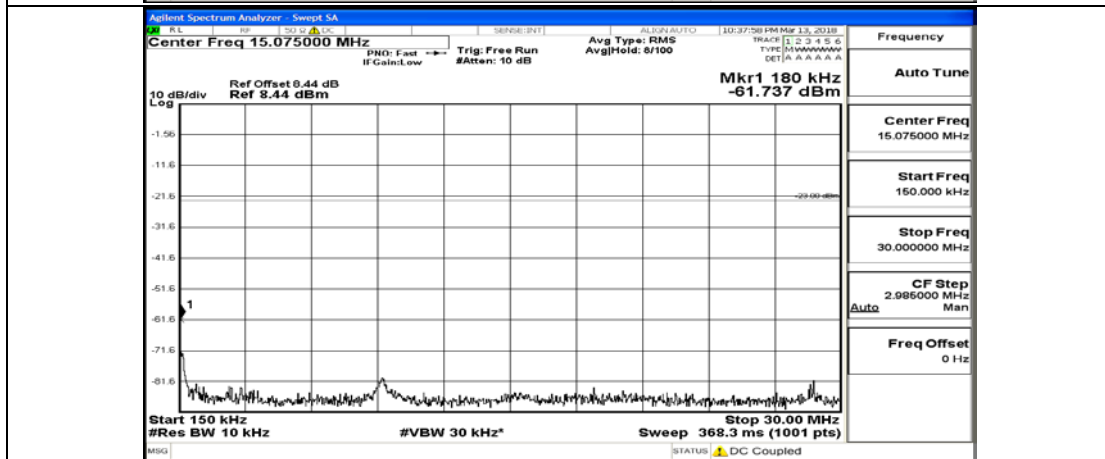
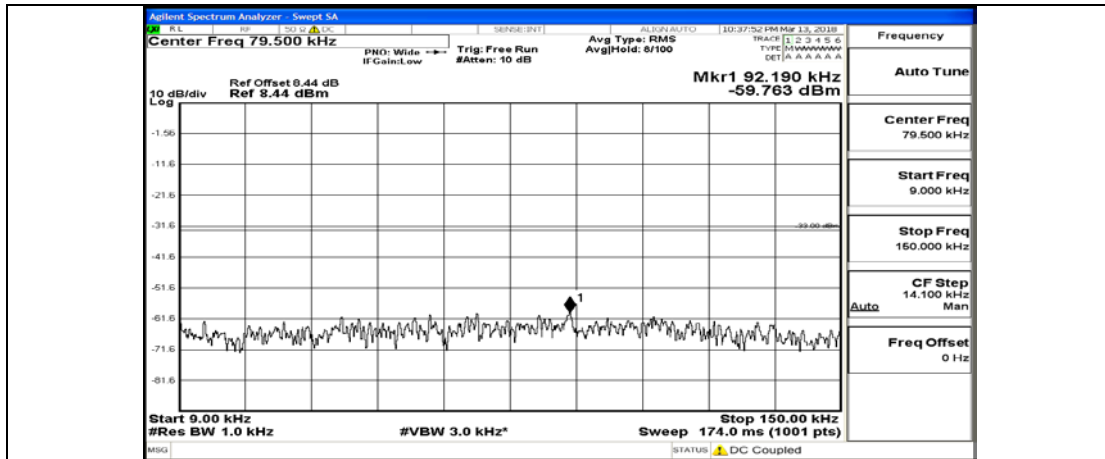(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2
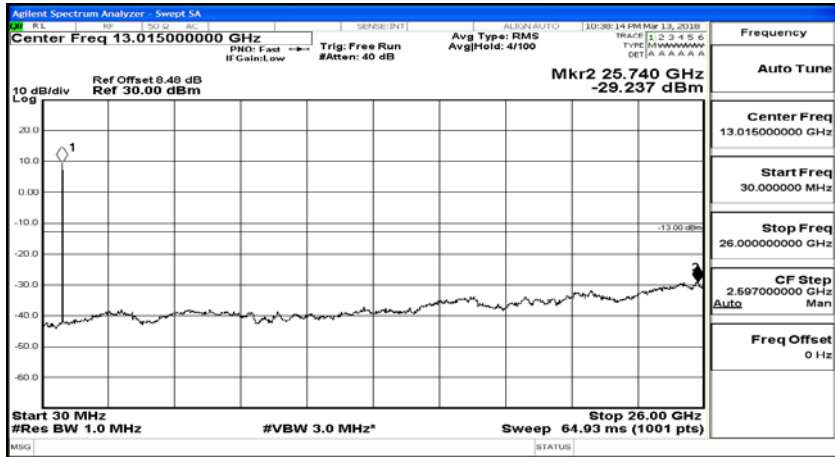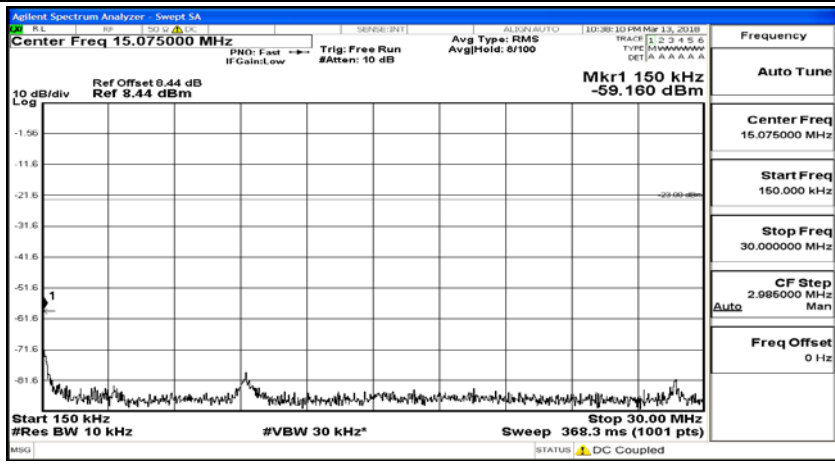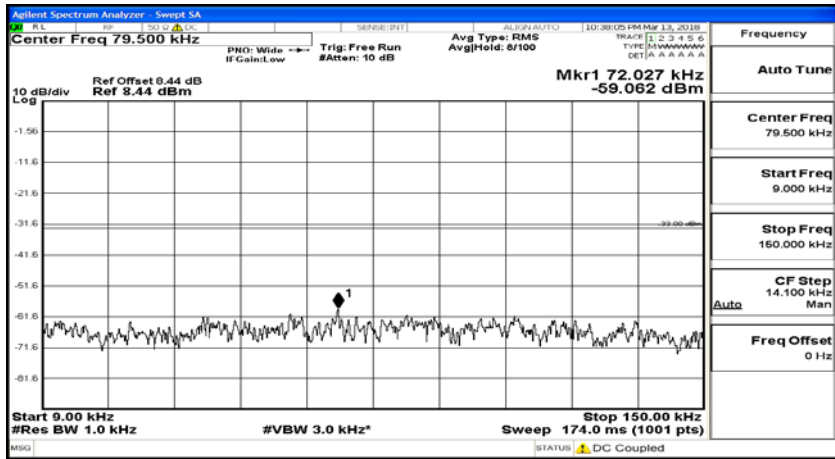
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#3

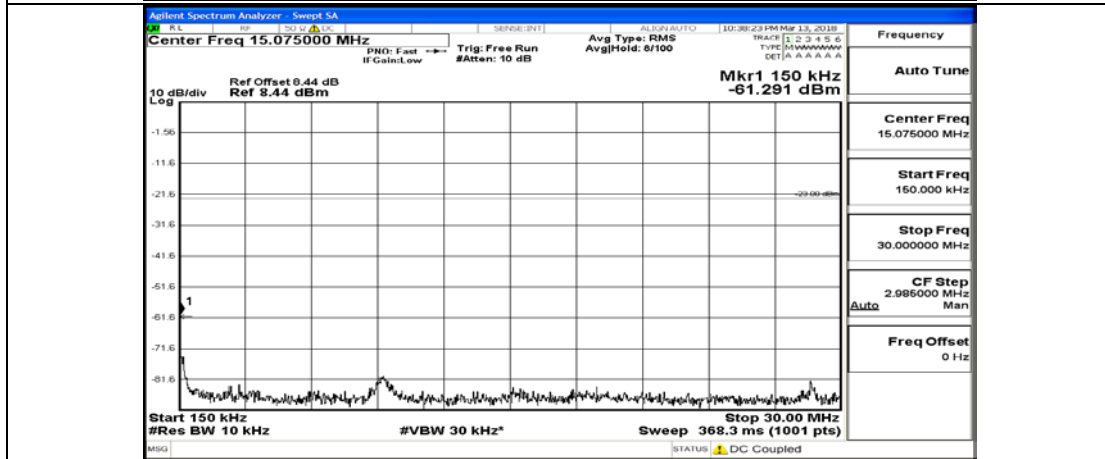(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0
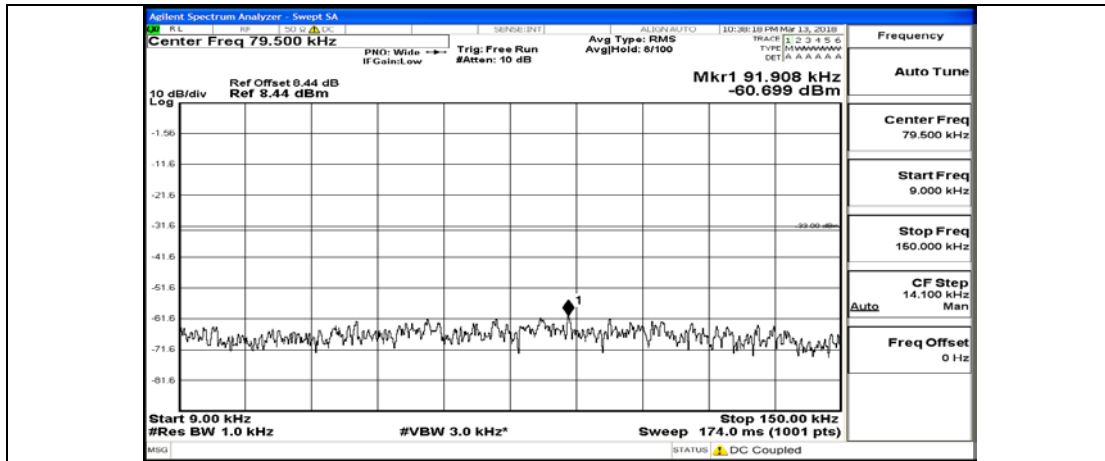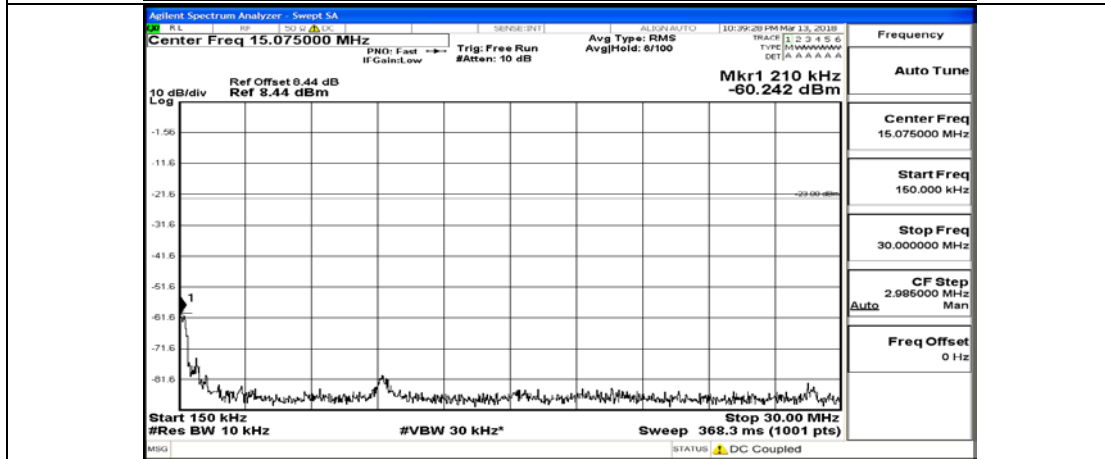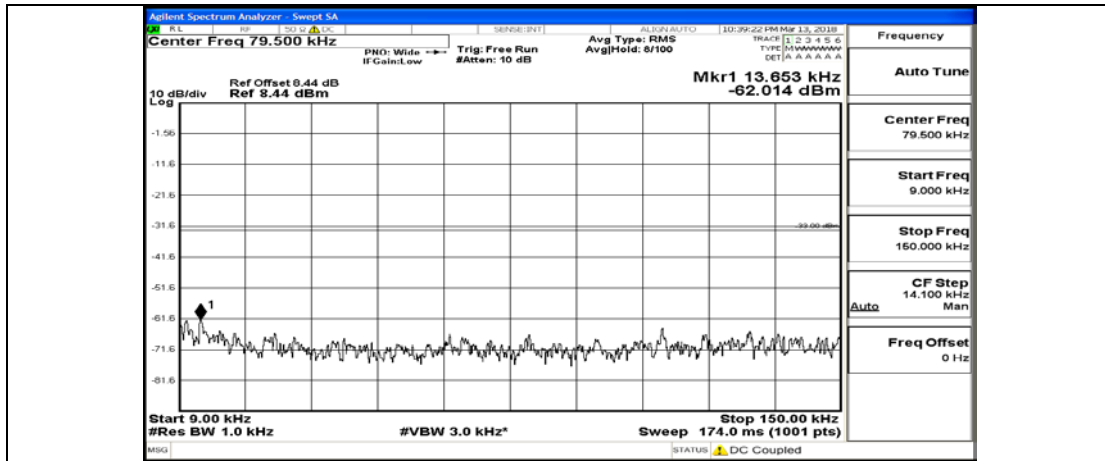
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

(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

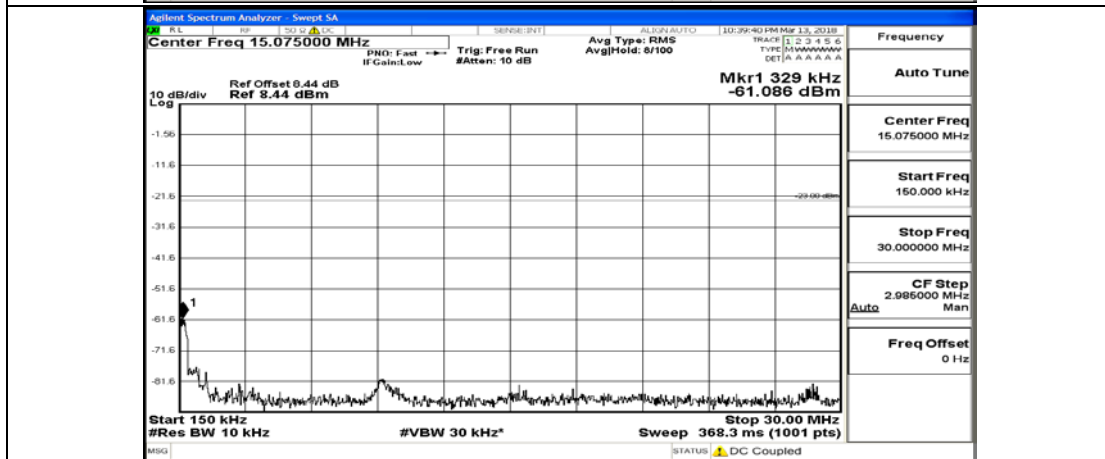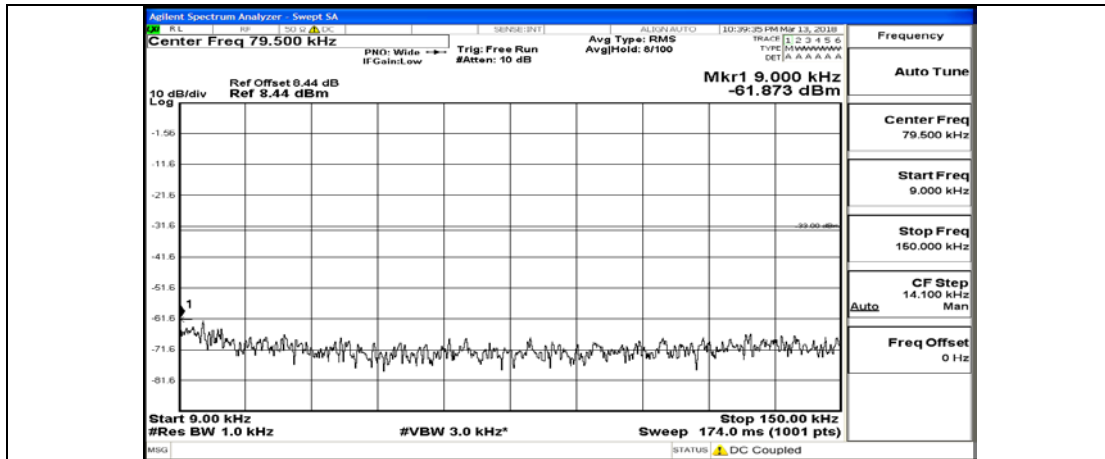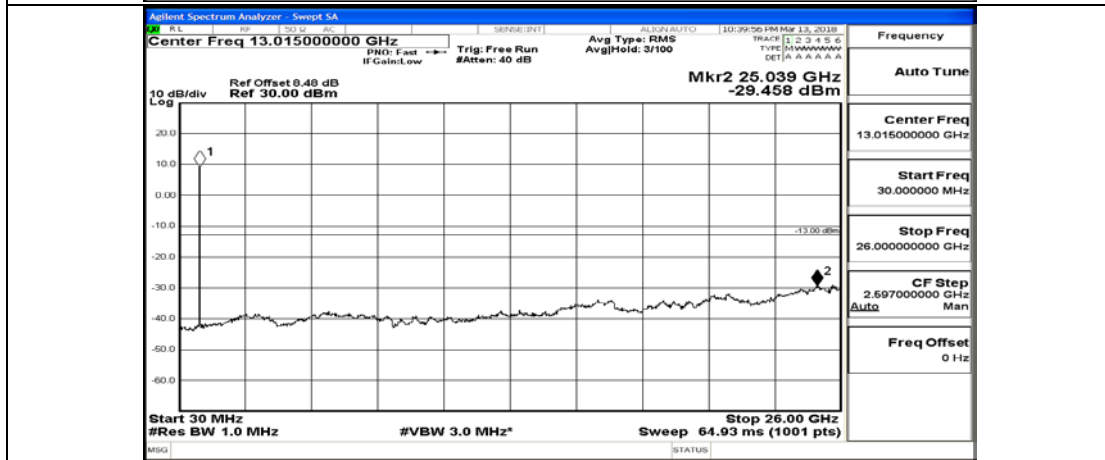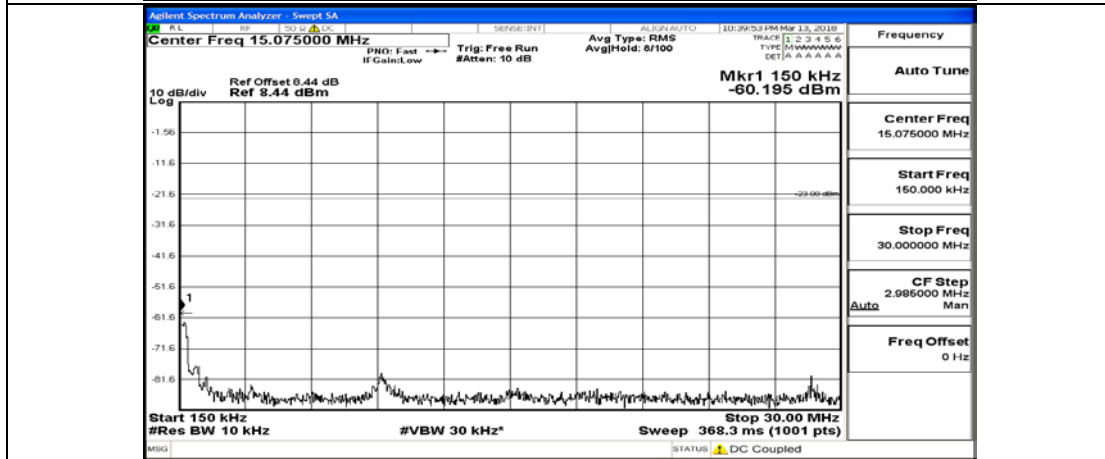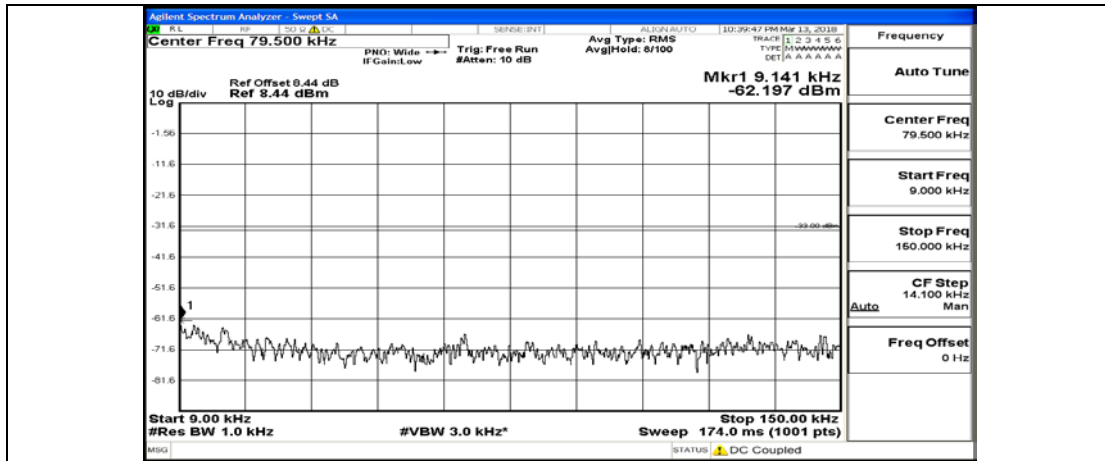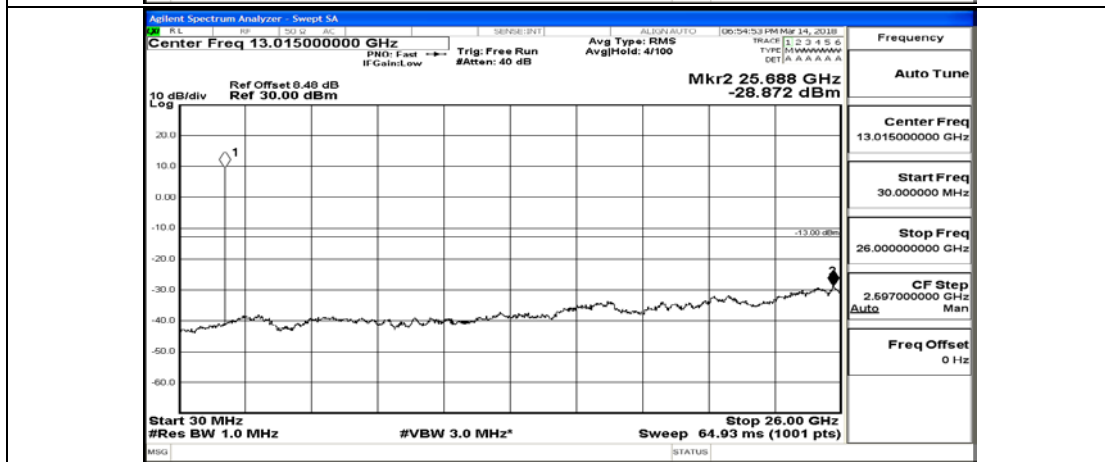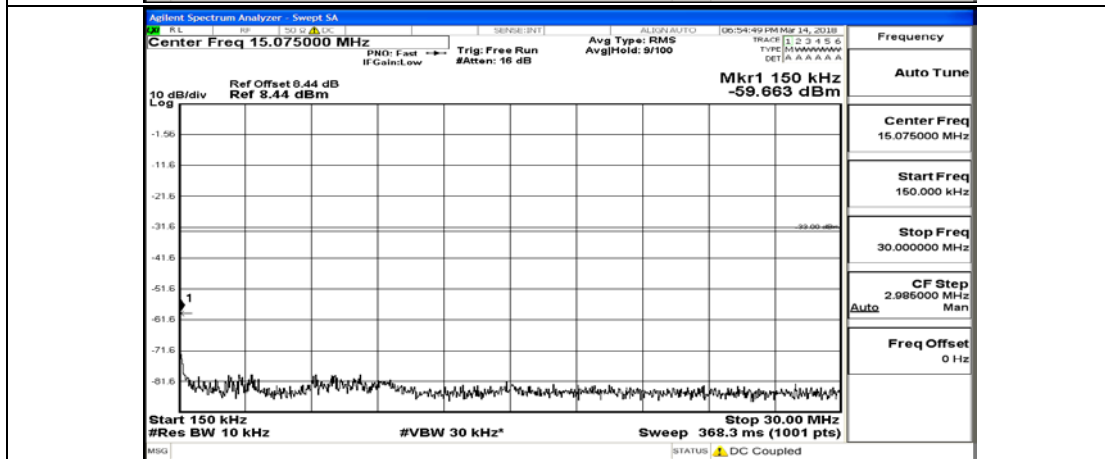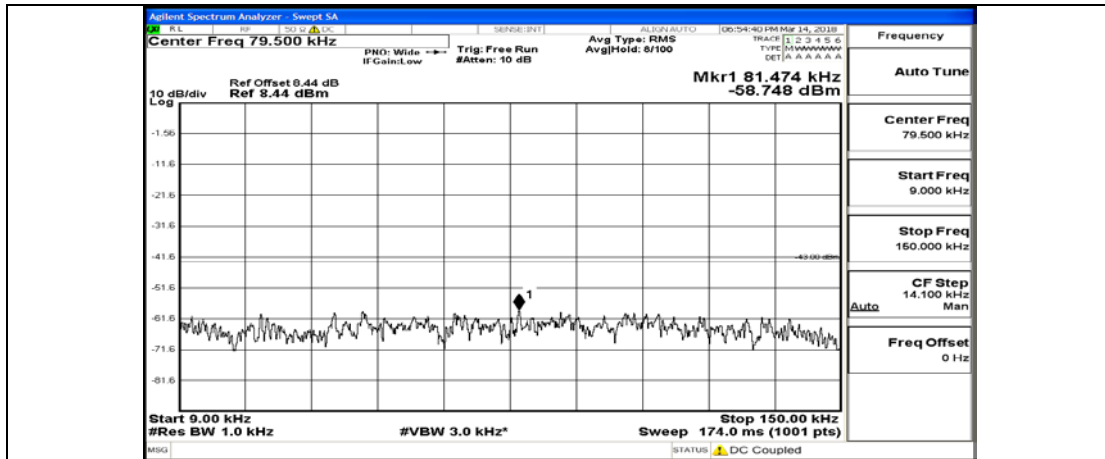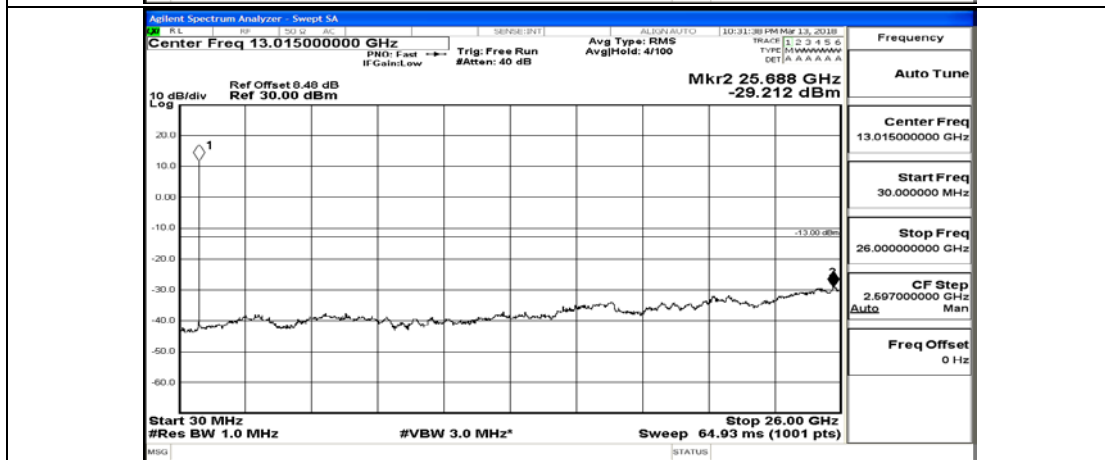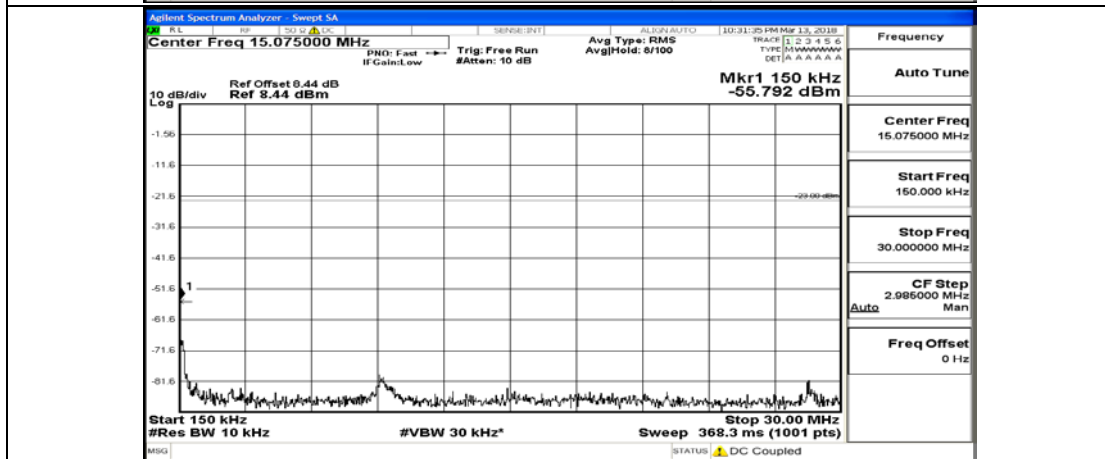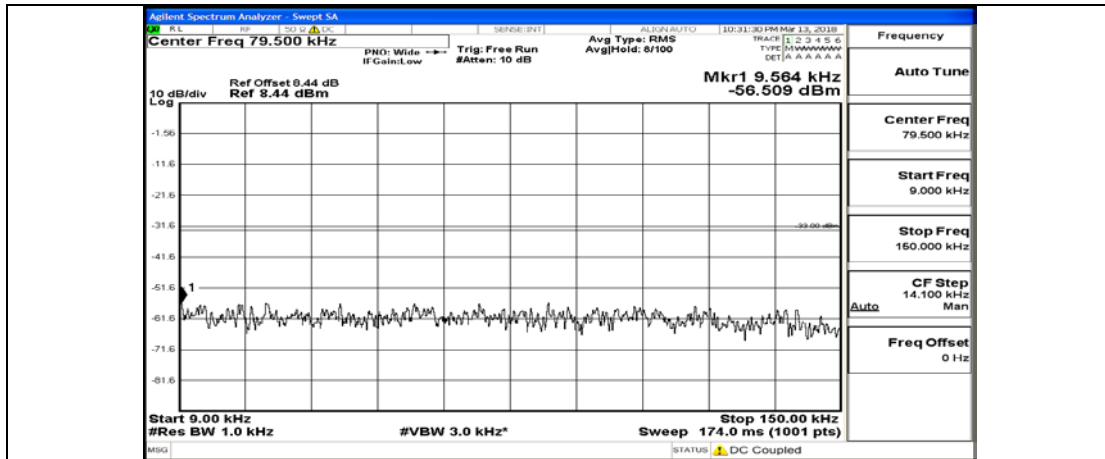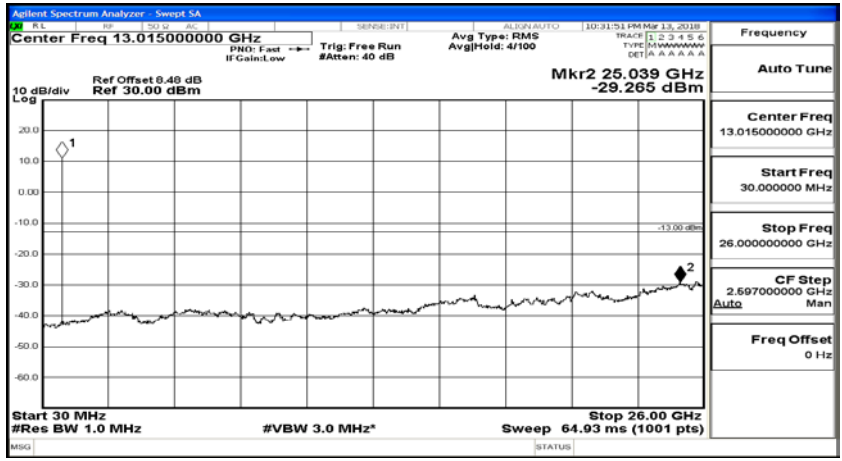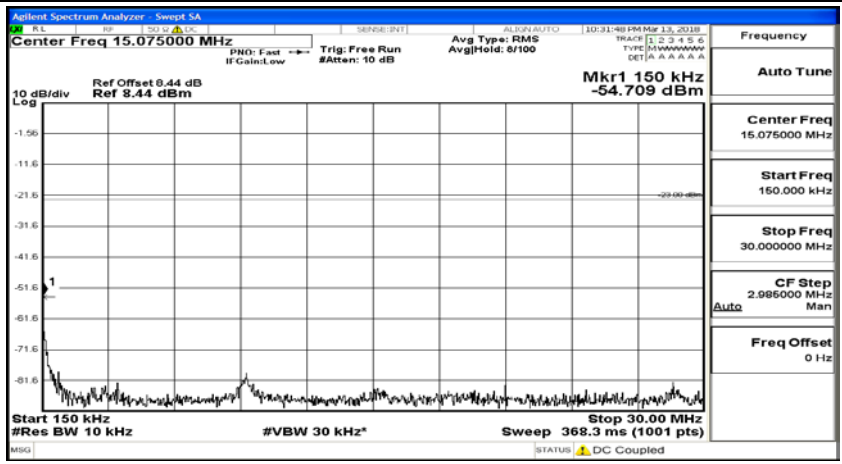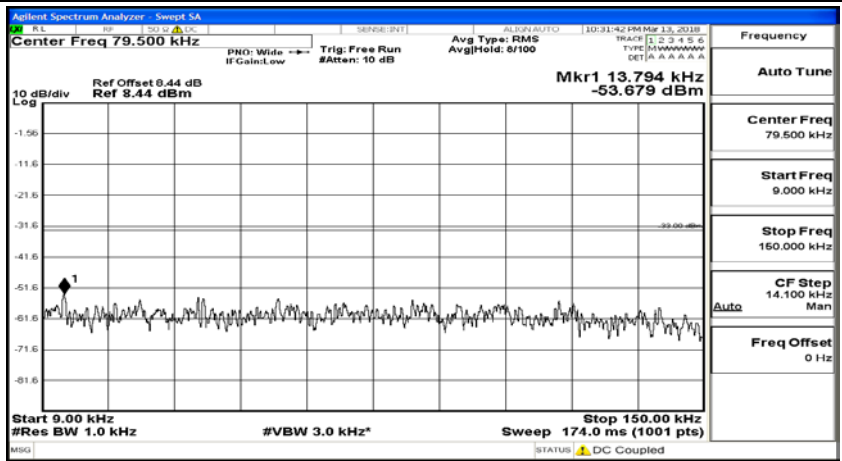(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2
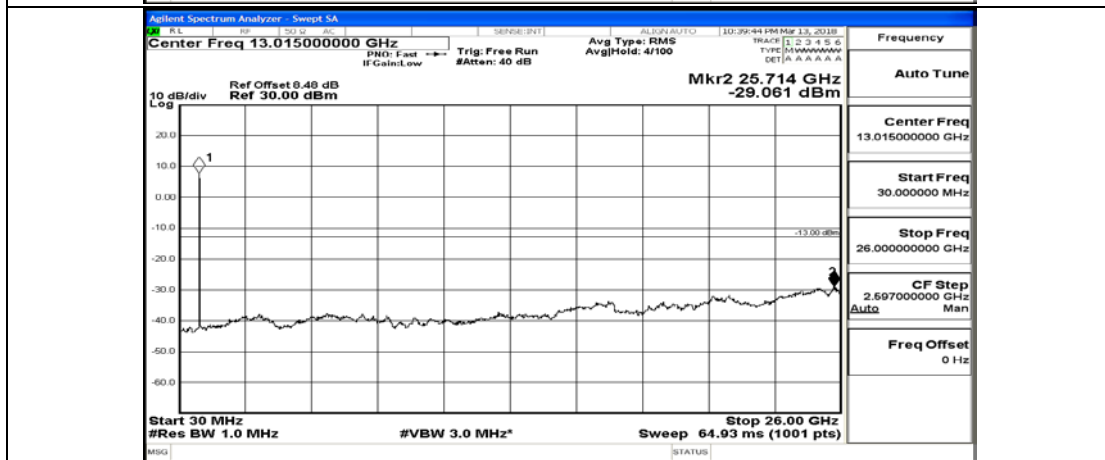
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3
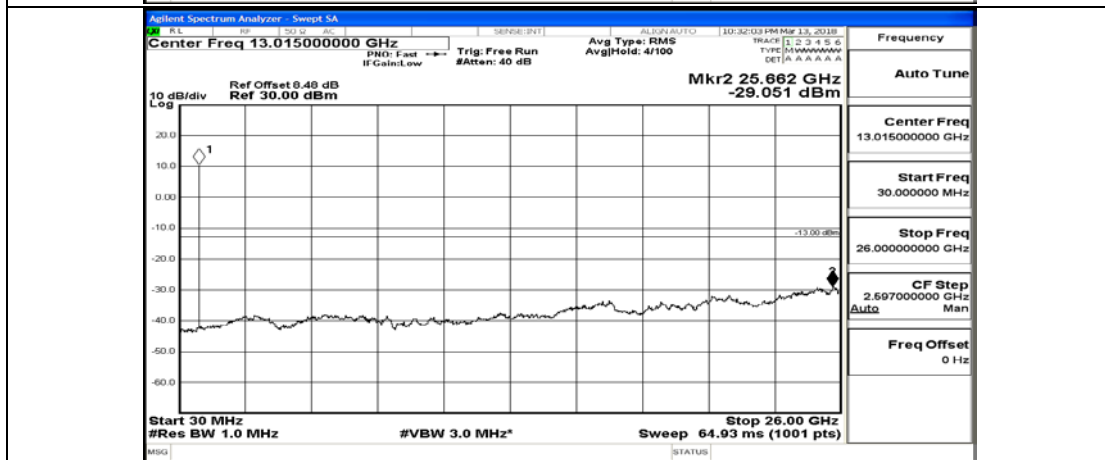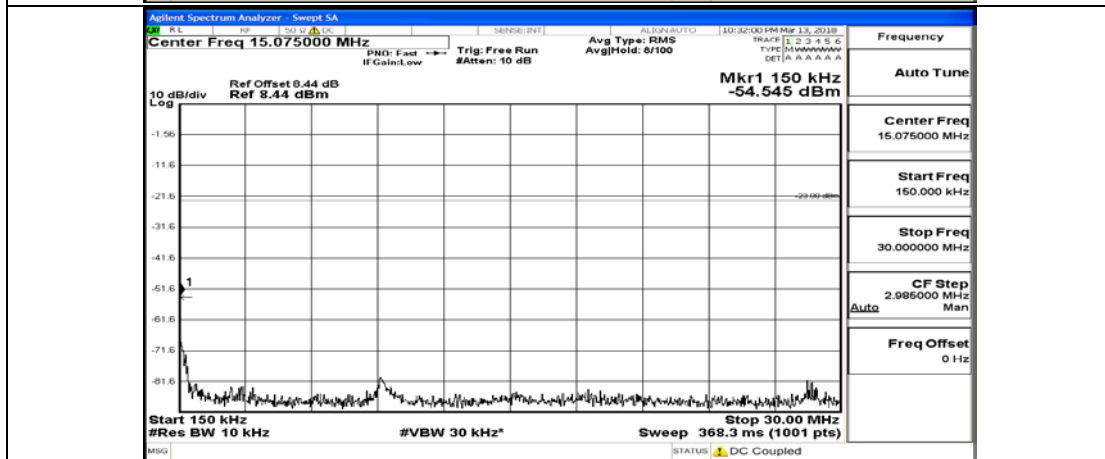
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0
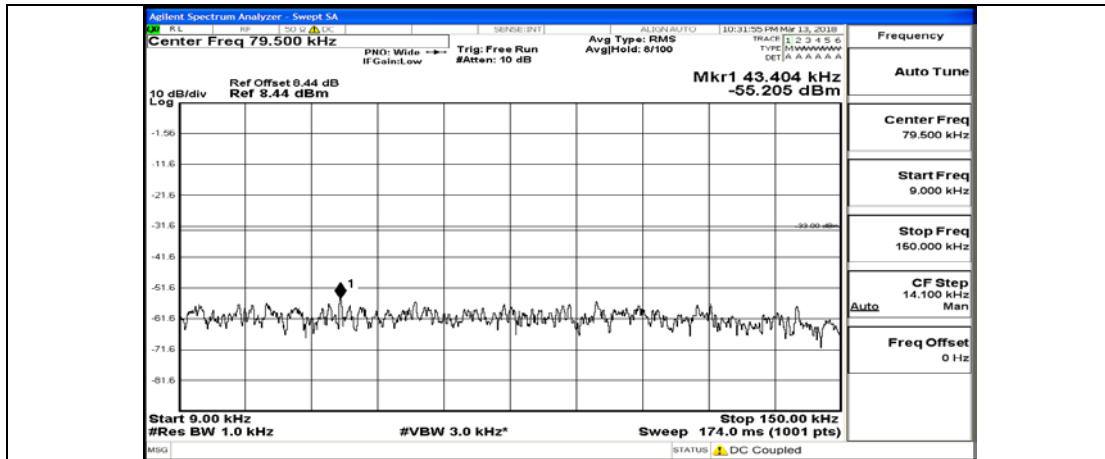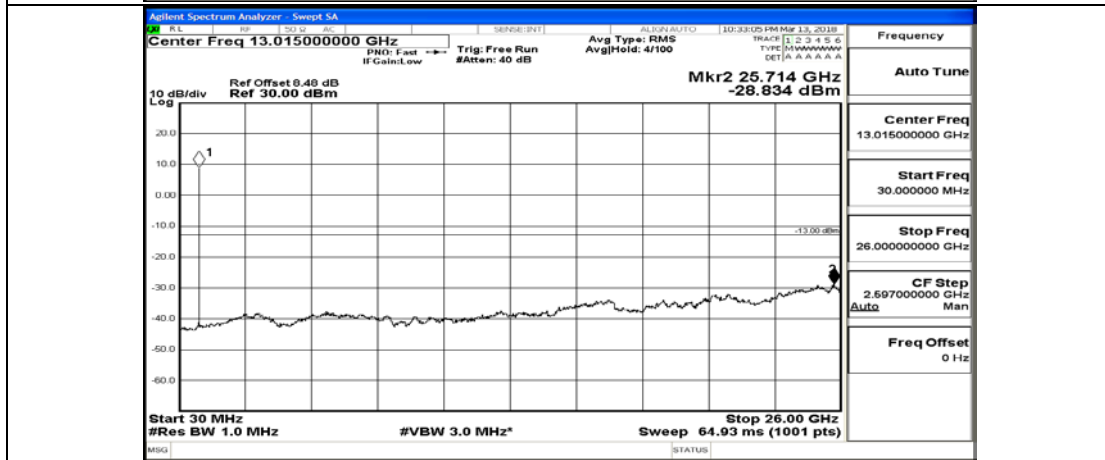
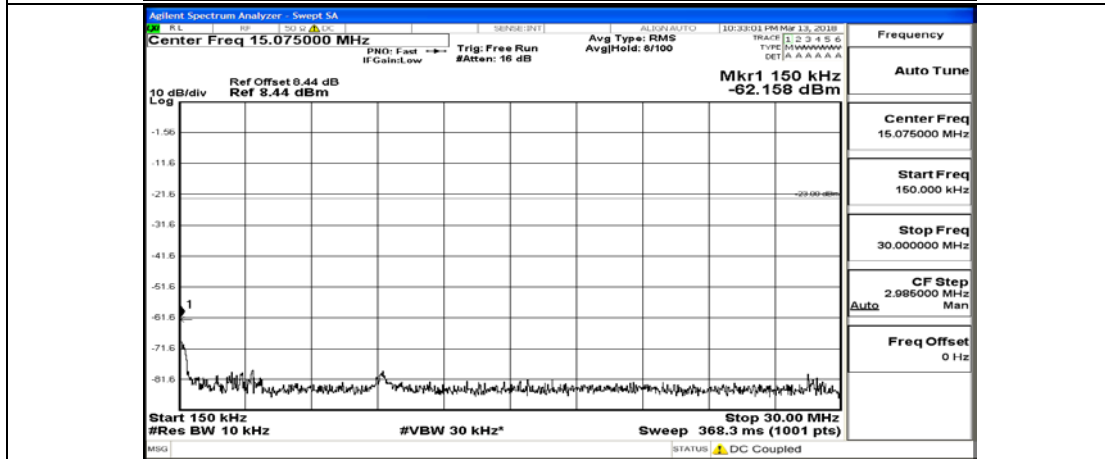(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0
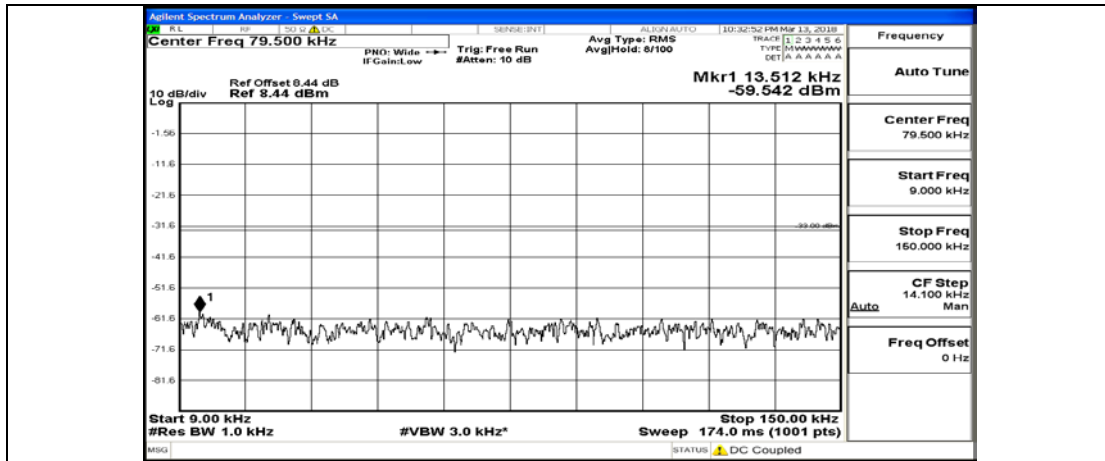
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0
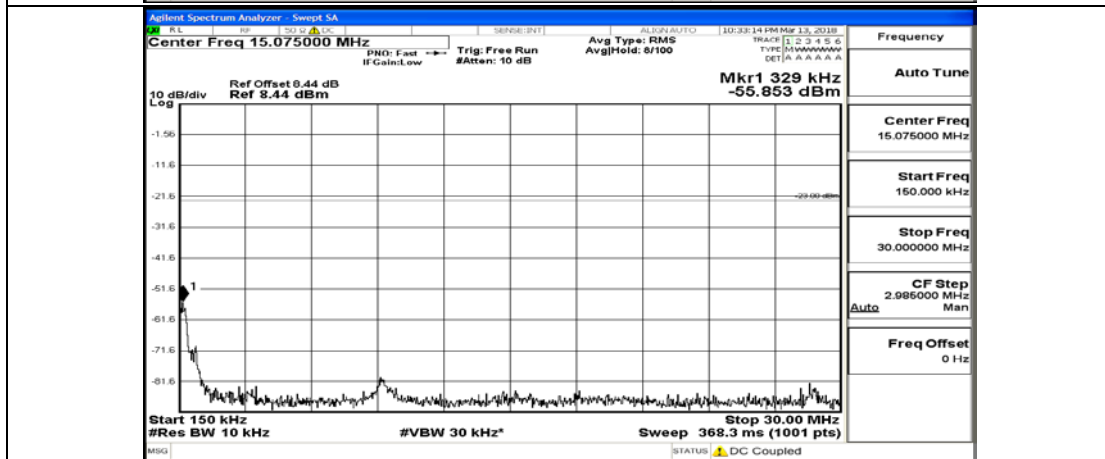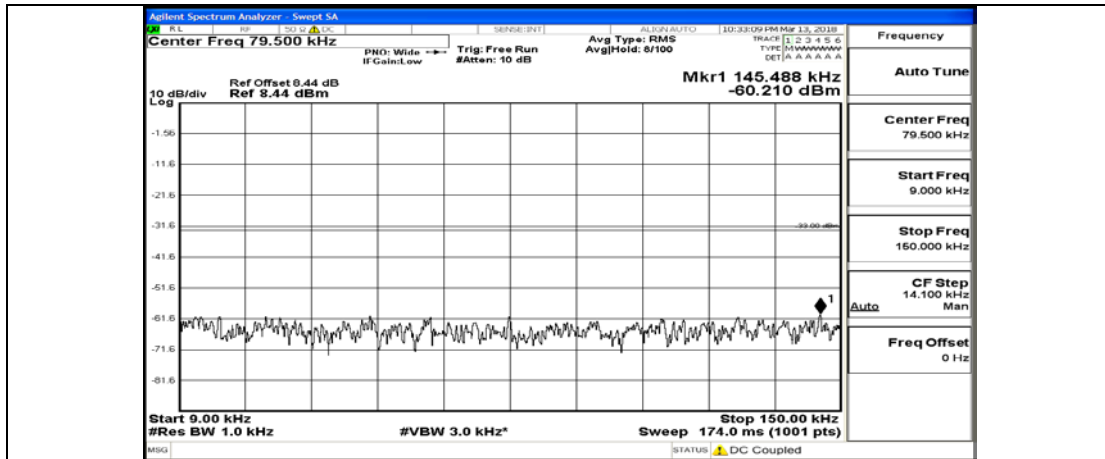
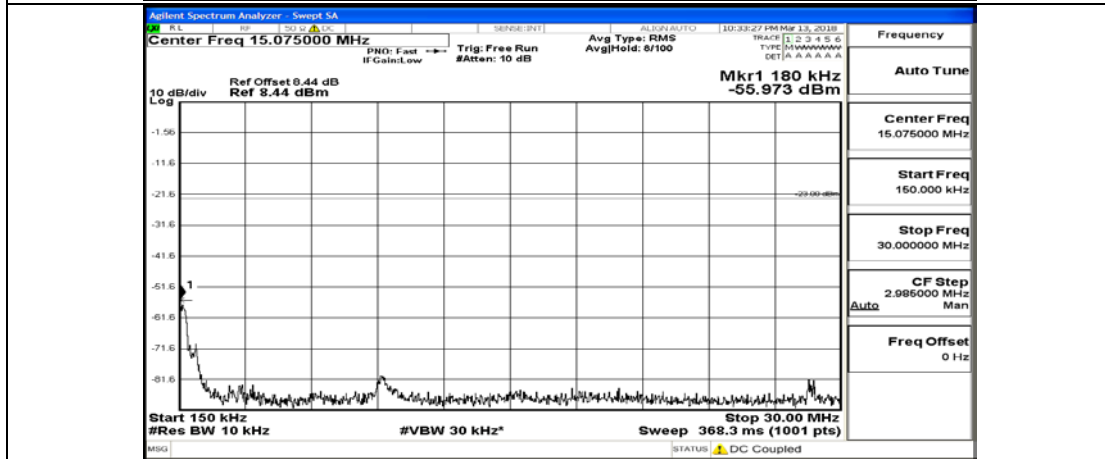(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2

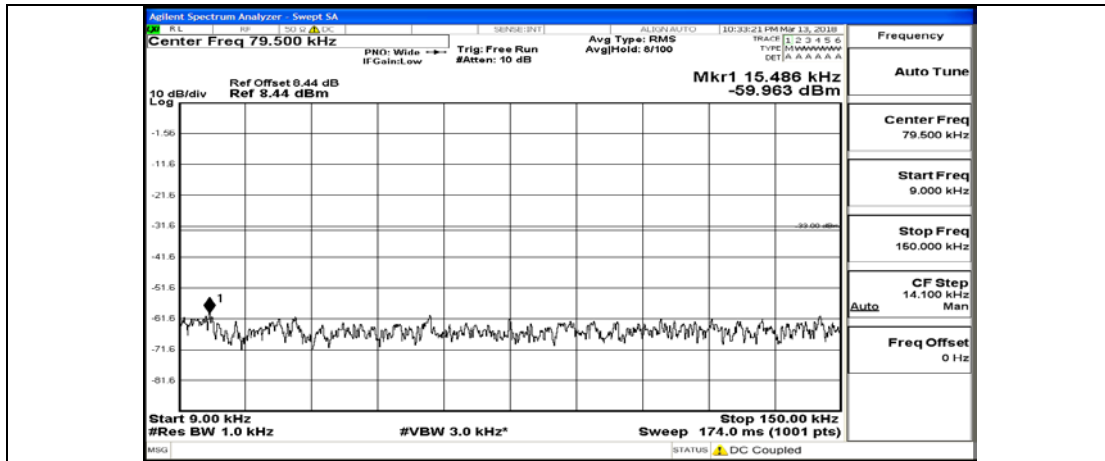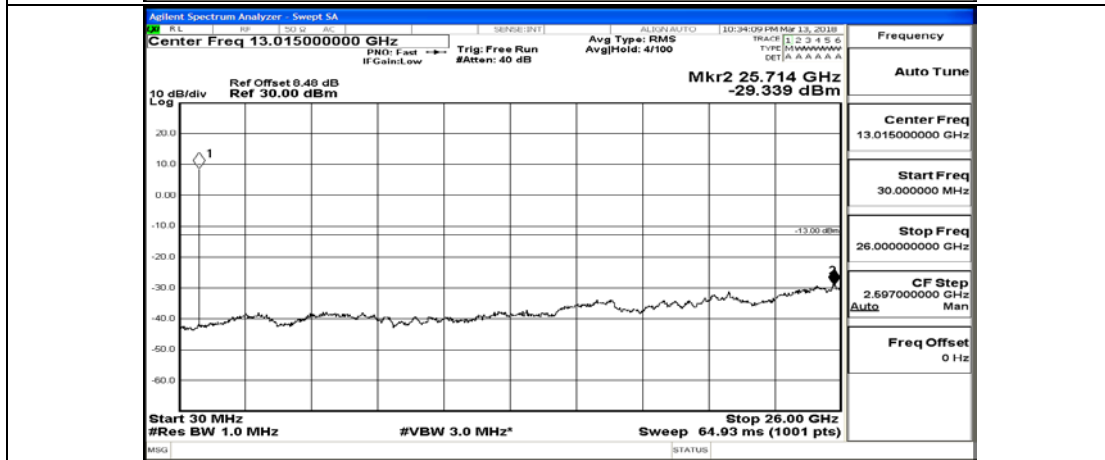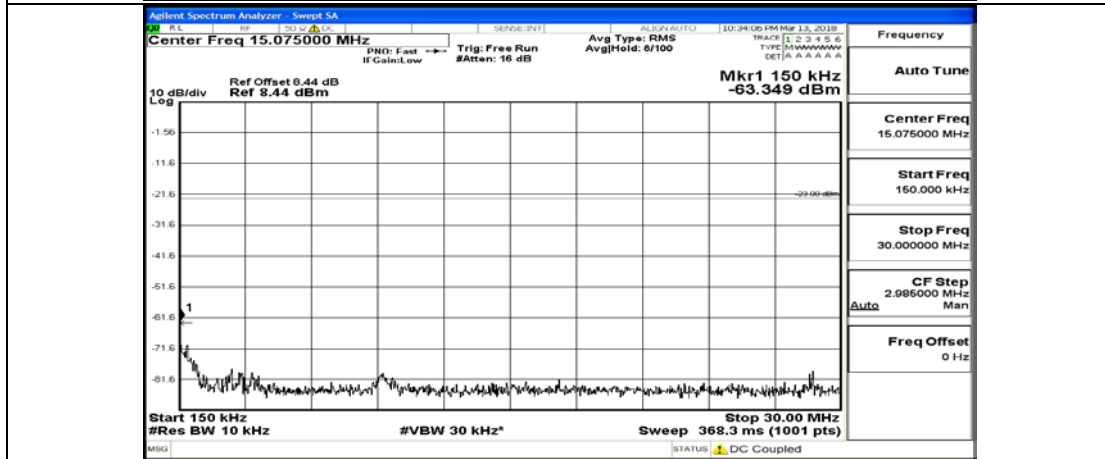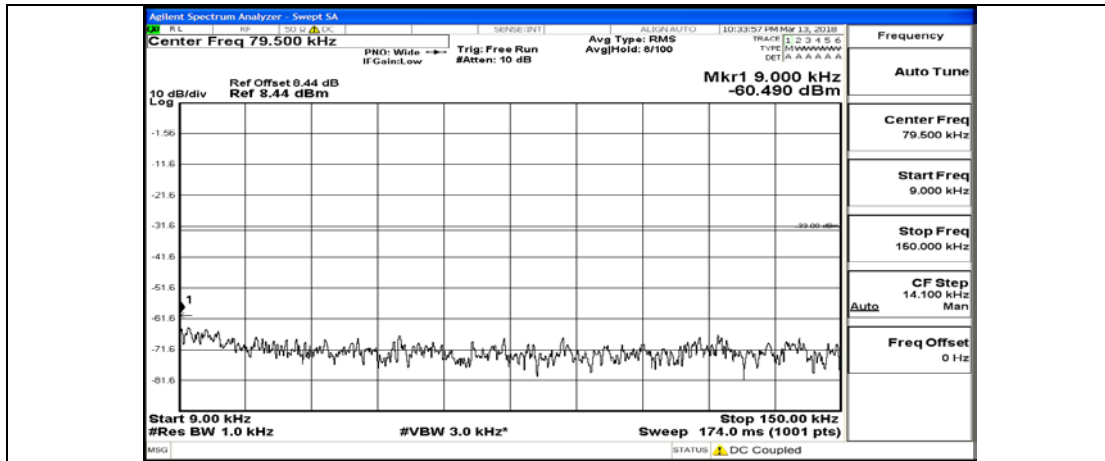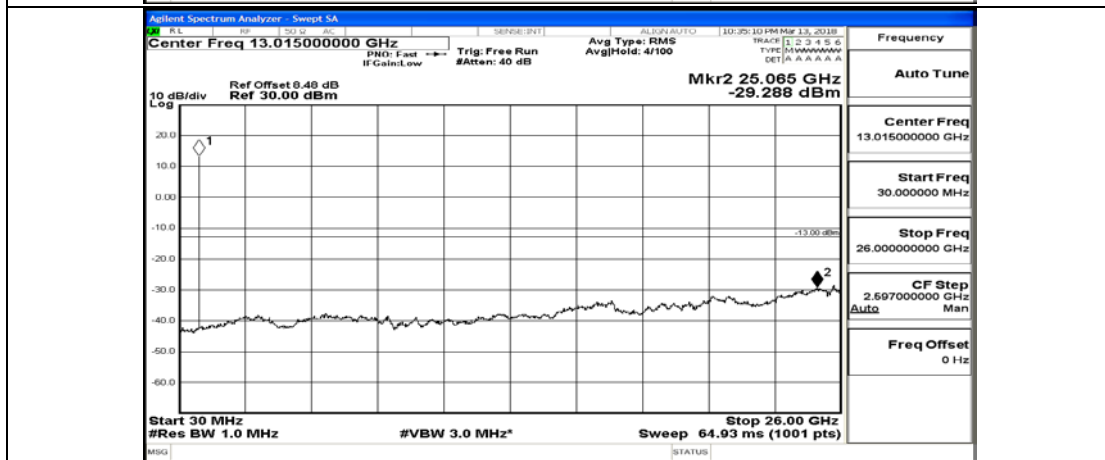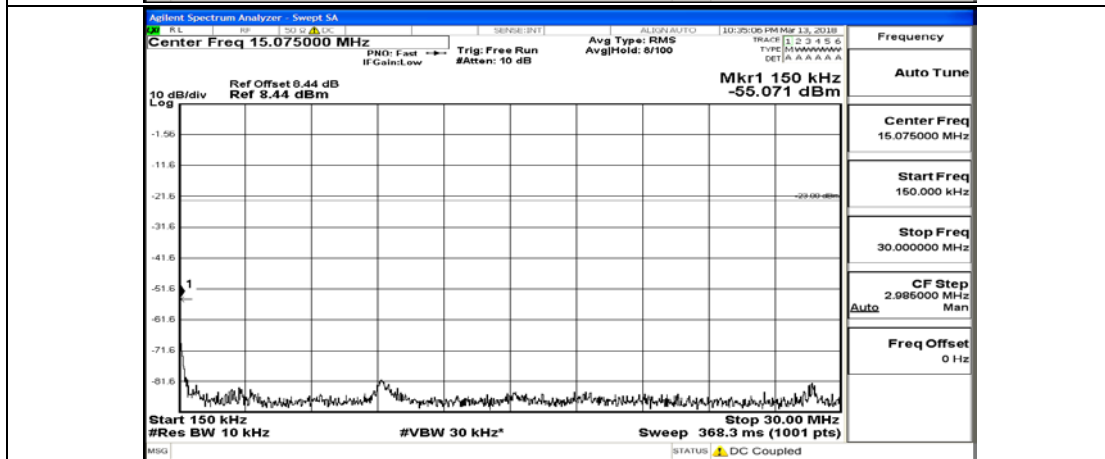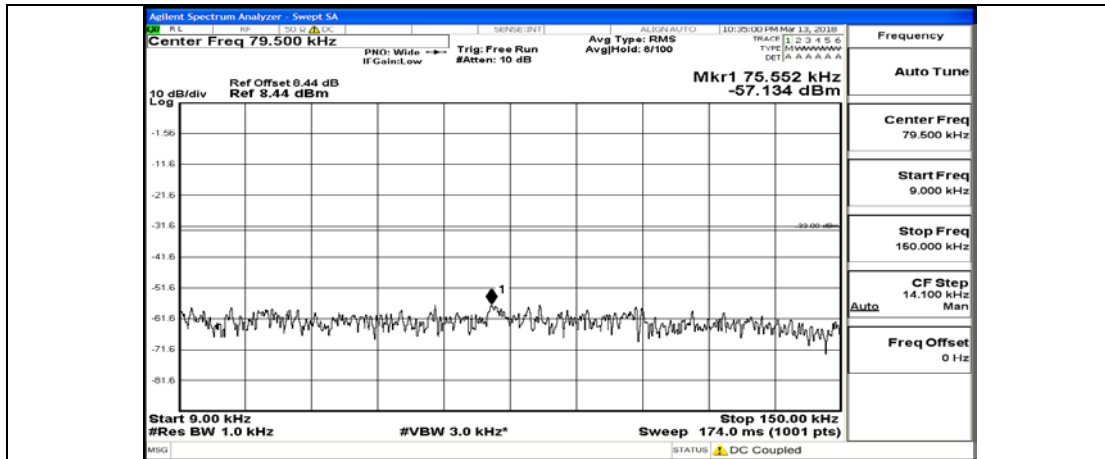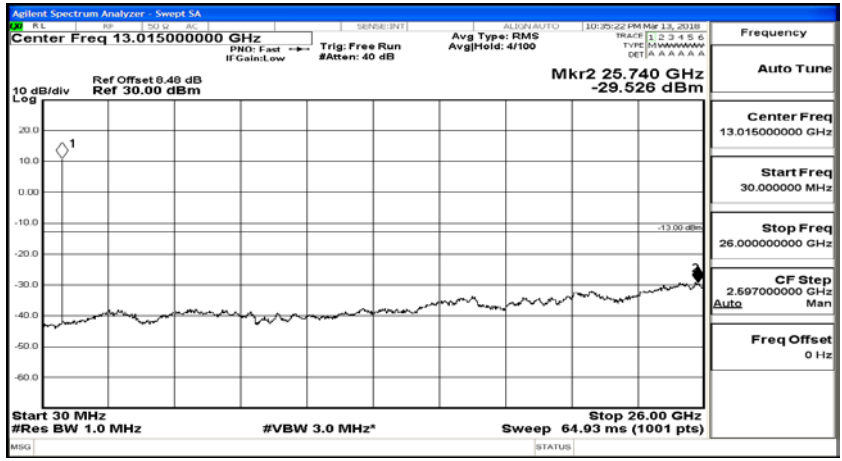(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3
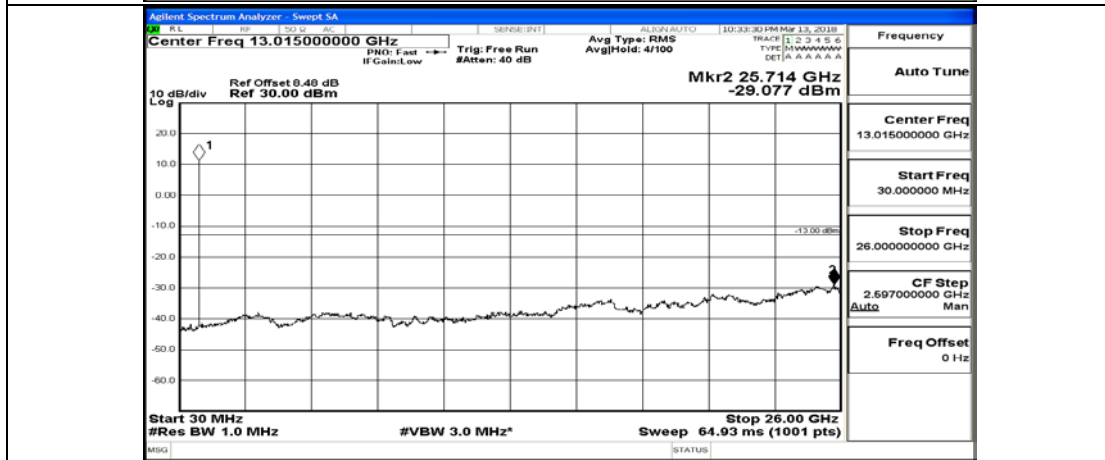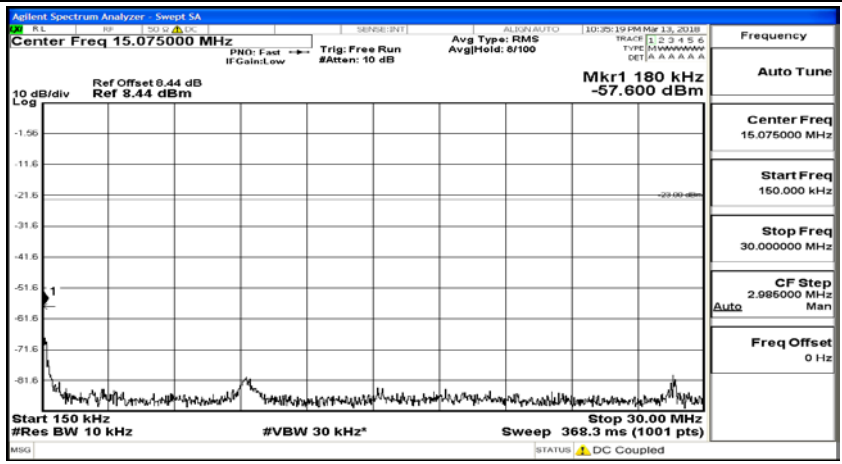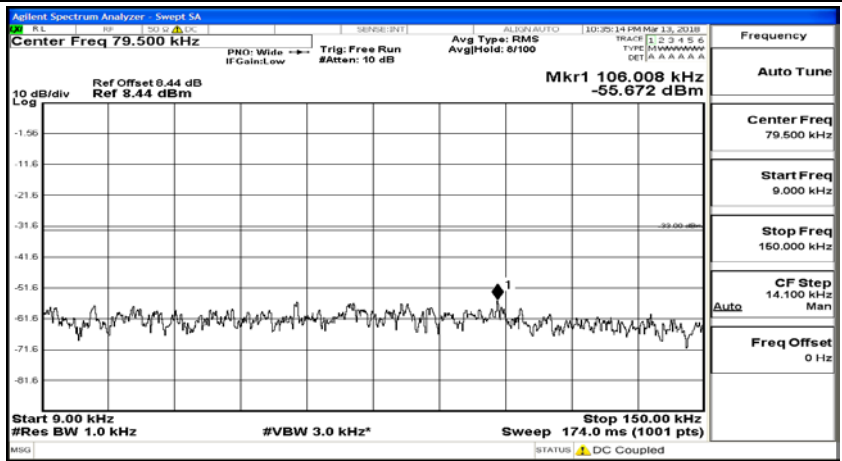
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

(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