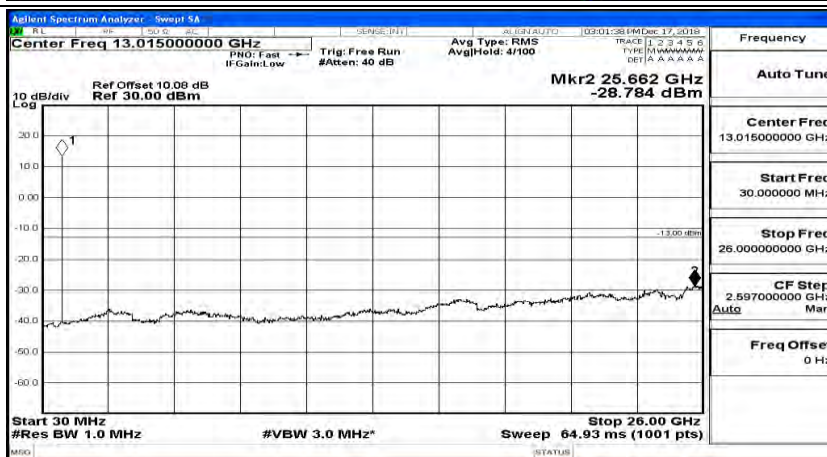
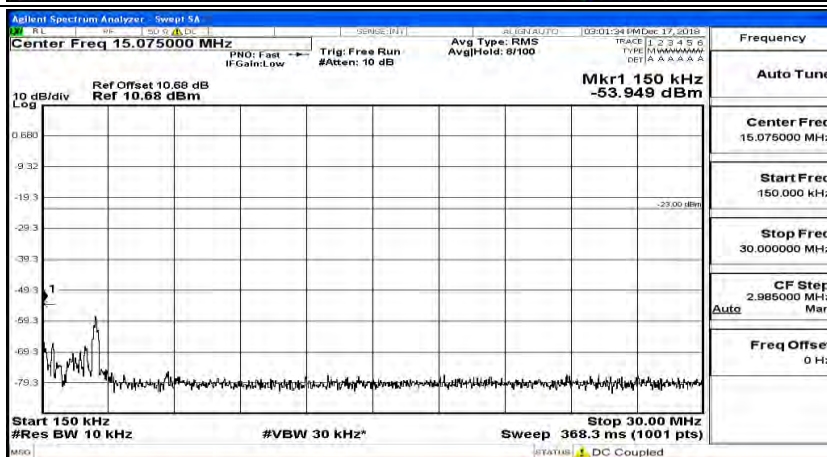
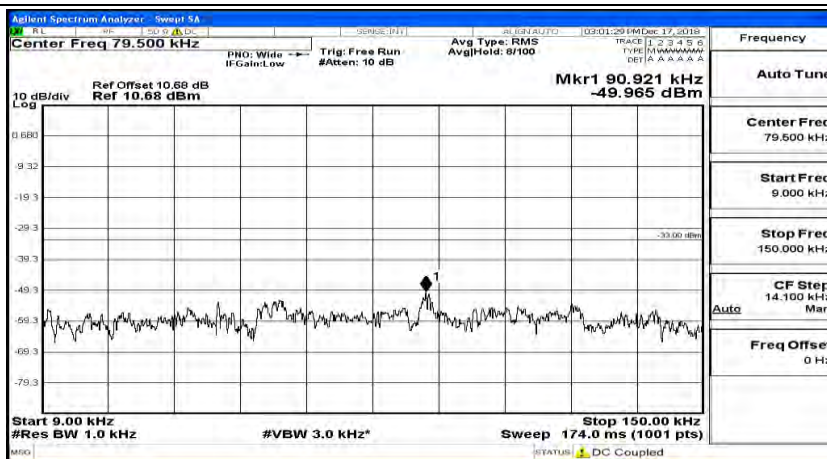
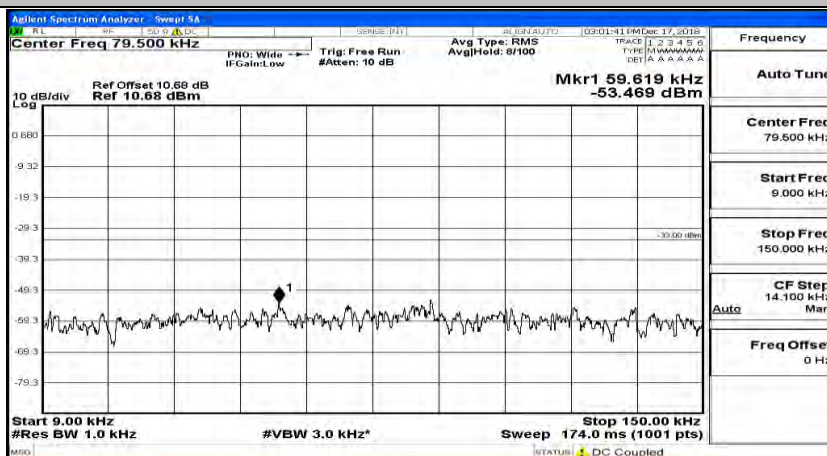
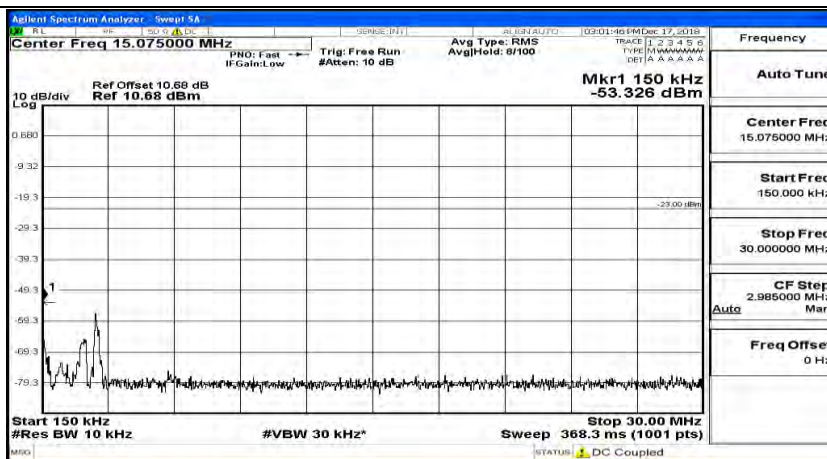


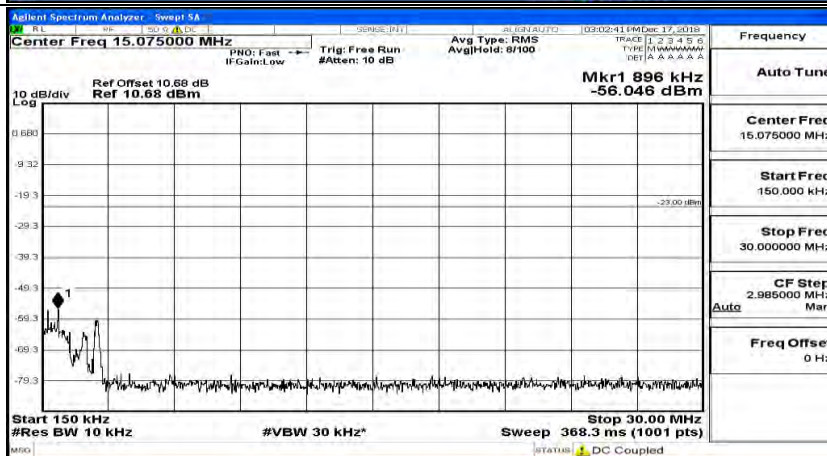
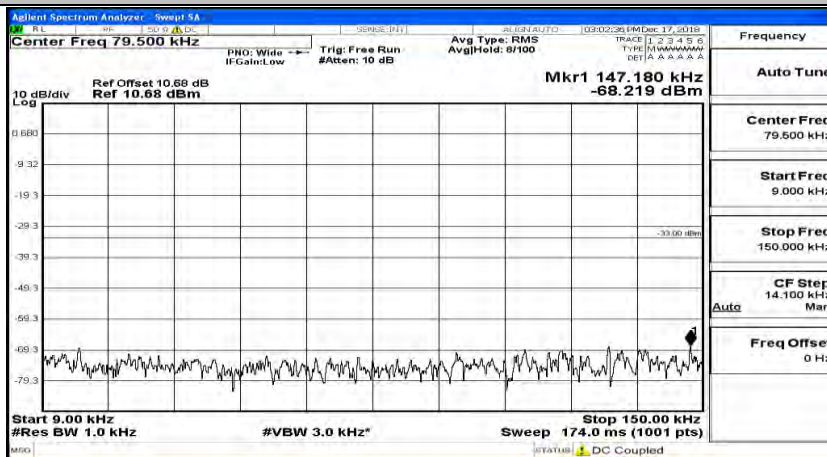


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



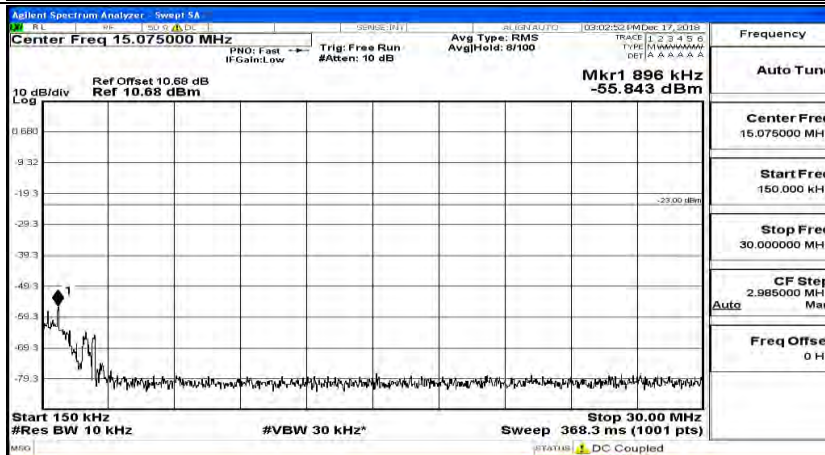
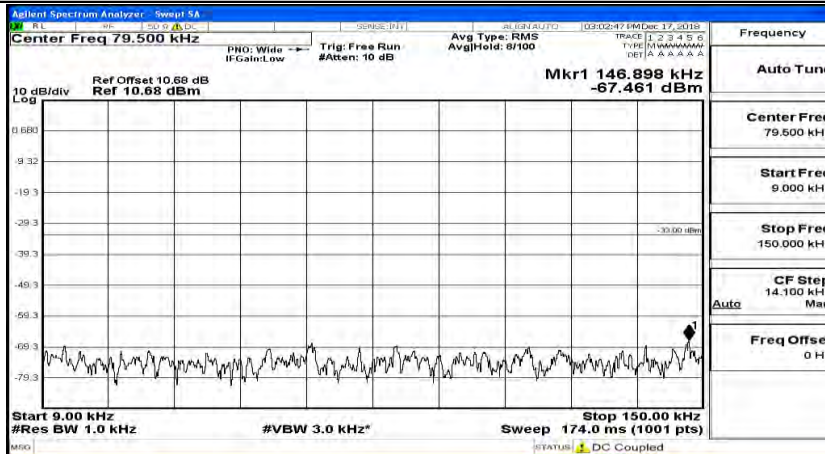


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0

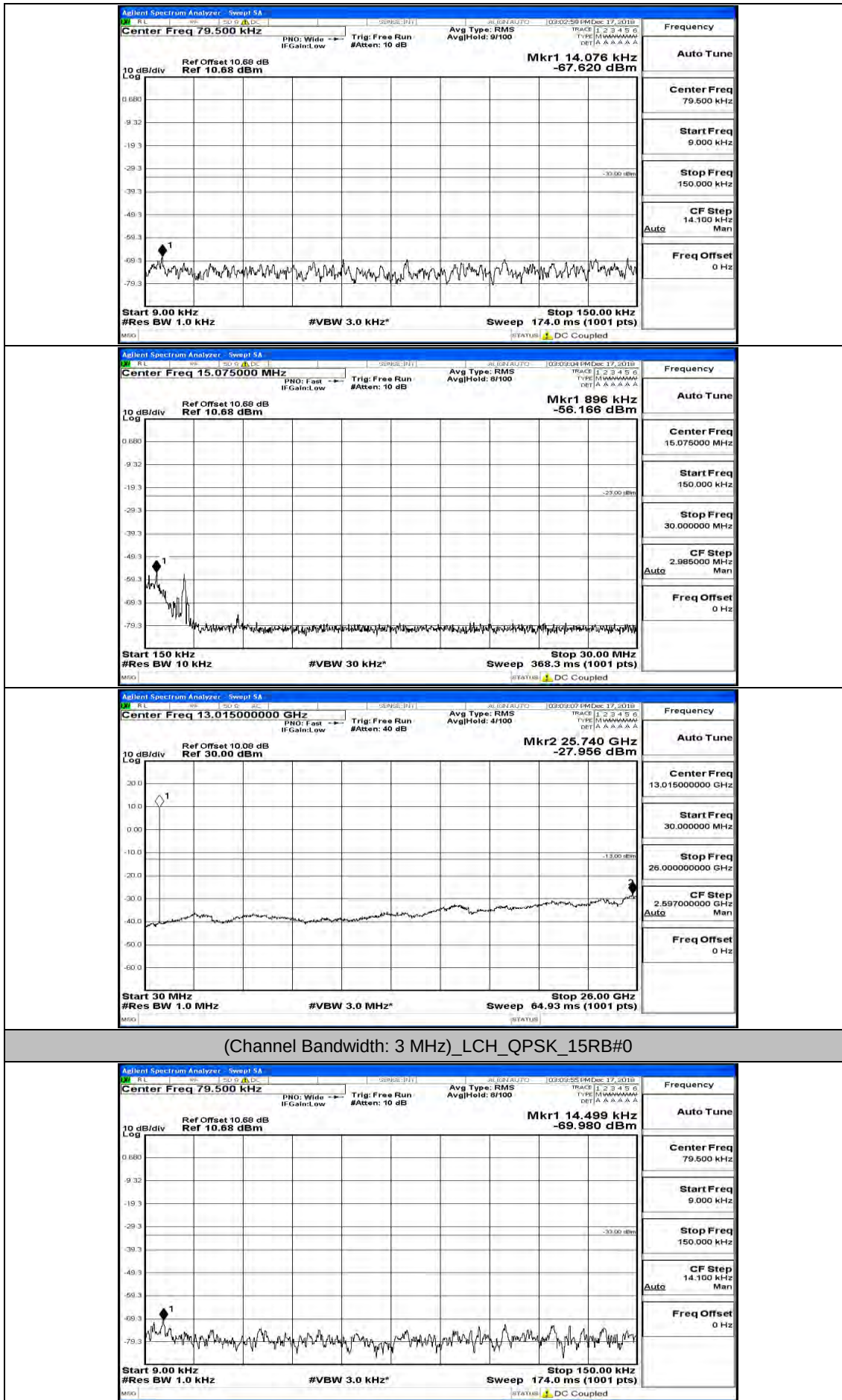


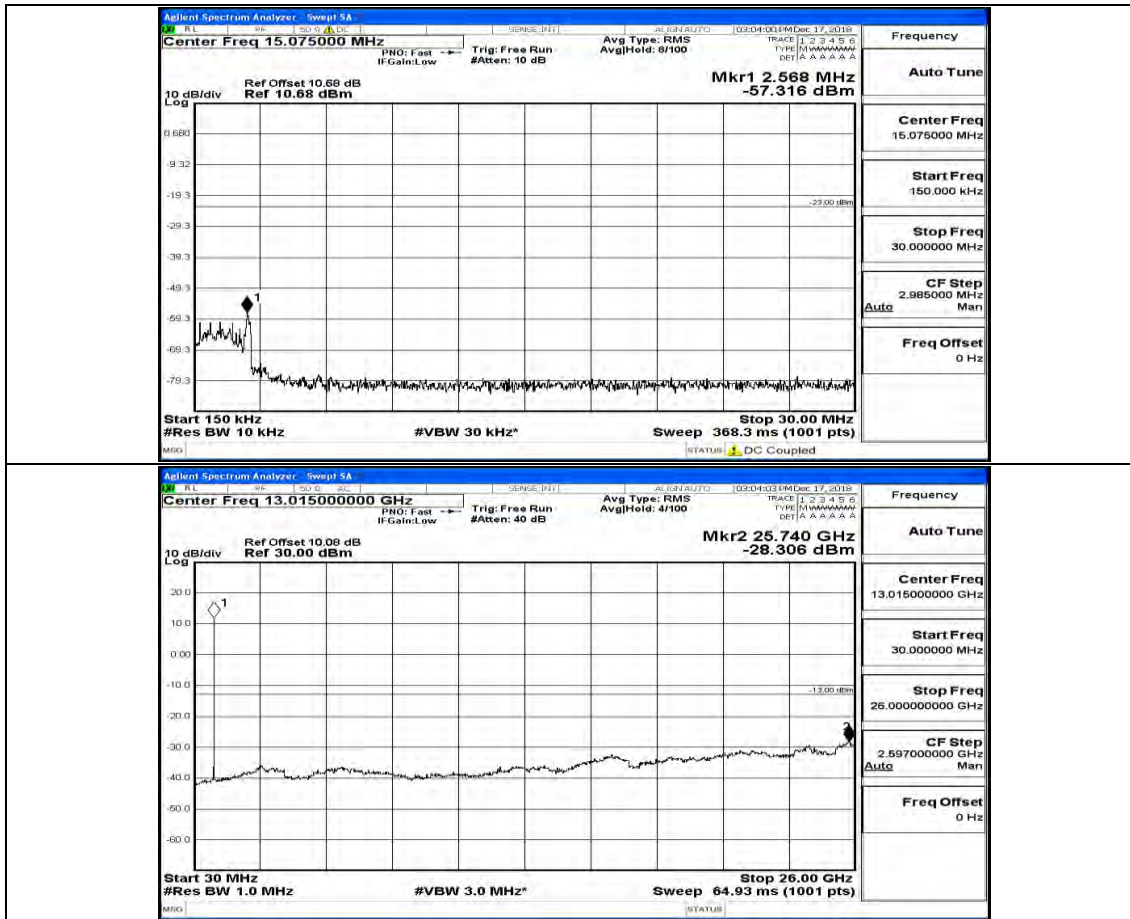


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4

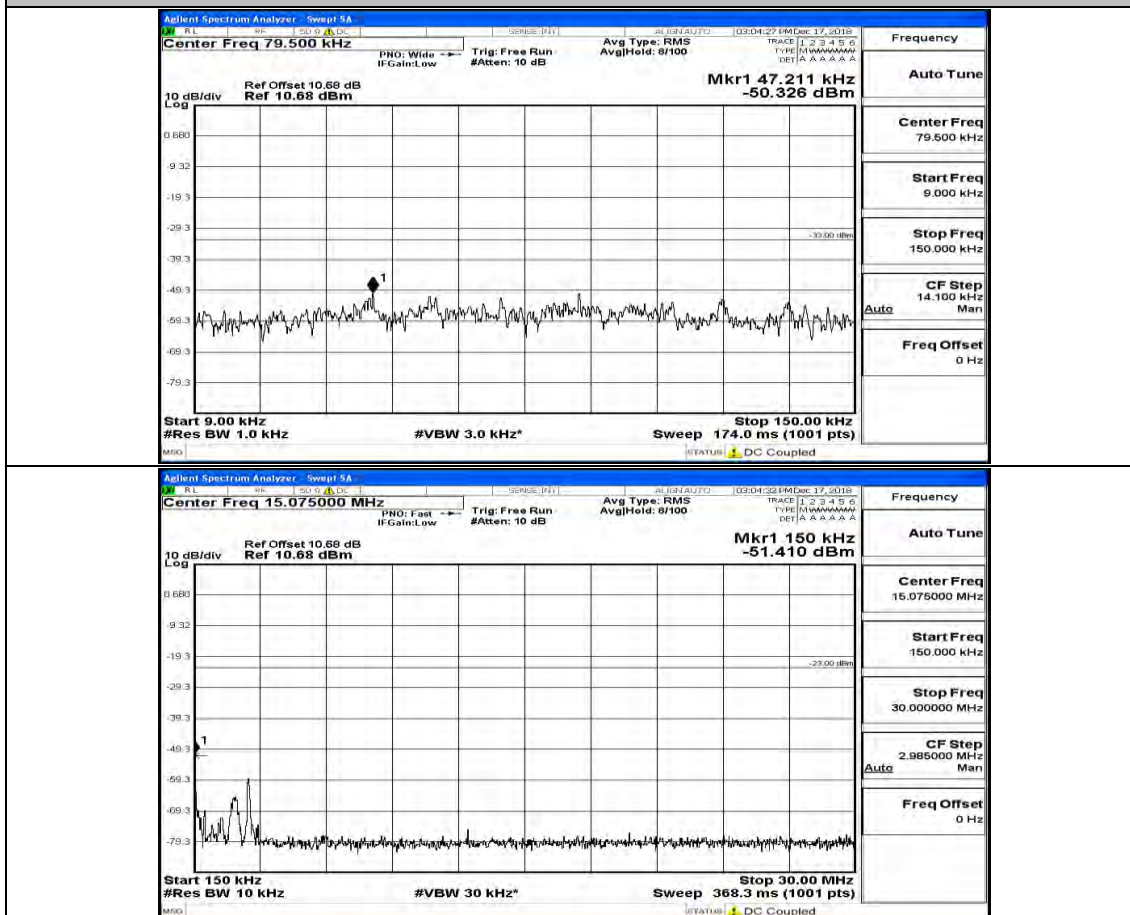


(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7



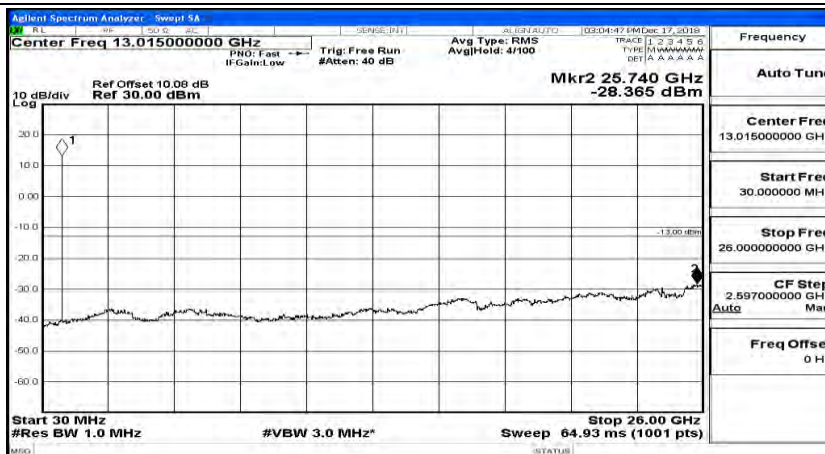
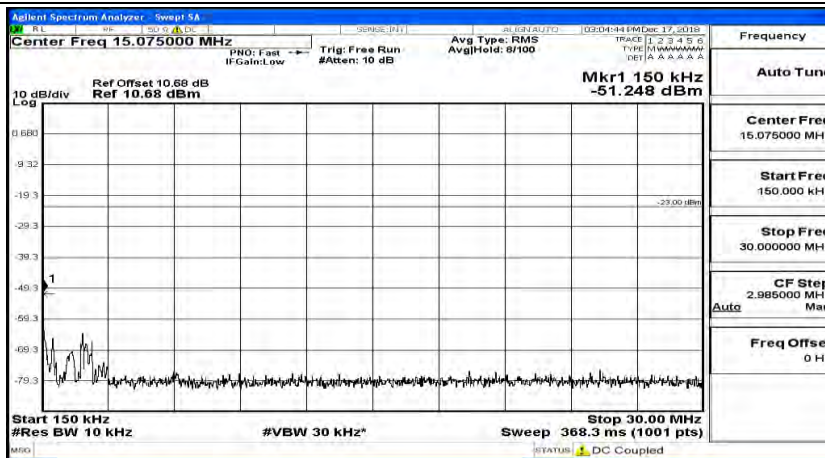
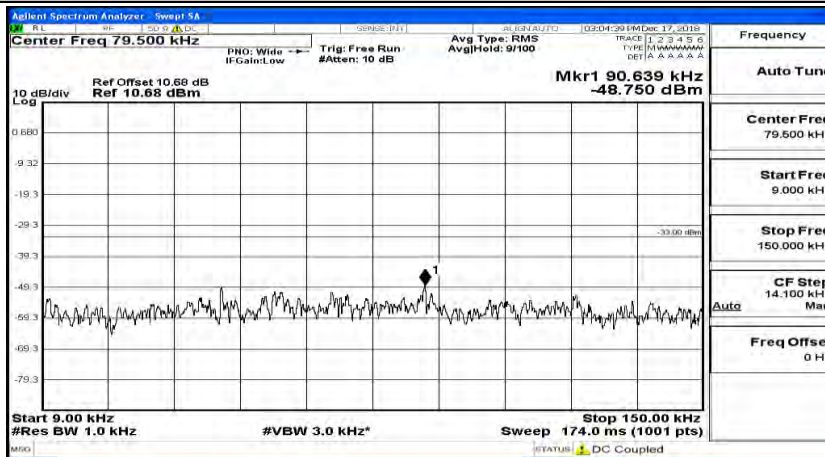


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0





(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14

Screenshot 1: 3 MHz Channel Bandwidth, 79.500 kHz Center Freq

Parameter	Value
Center Freq	79.500 kHz
Ref Offset	10.68 dB
Ref	10.68 dBm
Mkr1	47.211 kHz
Mkr1 Level	-50.326 dBm
Start Freq	9.000 kHz
Stop Freq	150.000 kHz
Res BW	1.0 kHz
VBW	3.0 kHz
Sweep	174.0 ms (1001 pts)

Setting	Value
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

Screenshot 2: 3 MHz Channel Bandwidth, 15.075000 MHz Center Freq

Parameter	Value
Center Freq	15.075000 MHz
Ref Offset	10.68 dB
Ref	10.68 dBm
Mkr1	150 kHz
Mkr1 Level	-51.410 dBm
Start Freq	150.000 kHz
Stop Freq	30.000000 MHz
Res BW	10 kHz
VBW	30 kHz
Sweep	368.3 ms (1001 pts)

Setting	Value
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

Screenshot 3: 3 MHz Channel Bandwidth, 13.015000000 GHz Center Freq

Parameter	Value
Center Freq	13.015000000 GHz
Ref Offset	10.00 dB
Ref	30.00 dBm
Mkr2	25.740 GHz
Mkr2 Level	-28.365 dBm
Start Freq	30.000000 MHz
Stop Freq	26.000000000 GHz
Res BW	1.0 MHz
VBW	3.0 MHz
Sweep	64.93 ms (1001 pts)

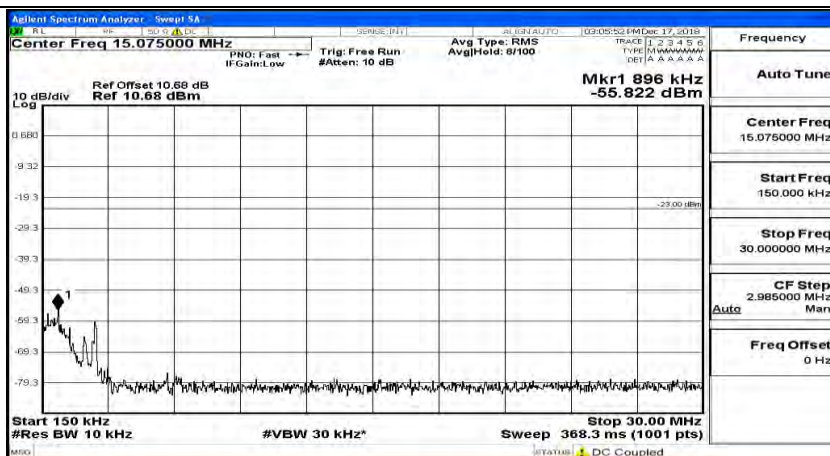
Setting	Value
Frequency	Auto Tune
Center Freq	13.015000000 GHz
Start Freq	30.000000 MHz
Stop Freq	26.000000000 GHz
CF Step	2.597000000 GHz
Auto	Man
Freq Offset	0 Hz

(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0

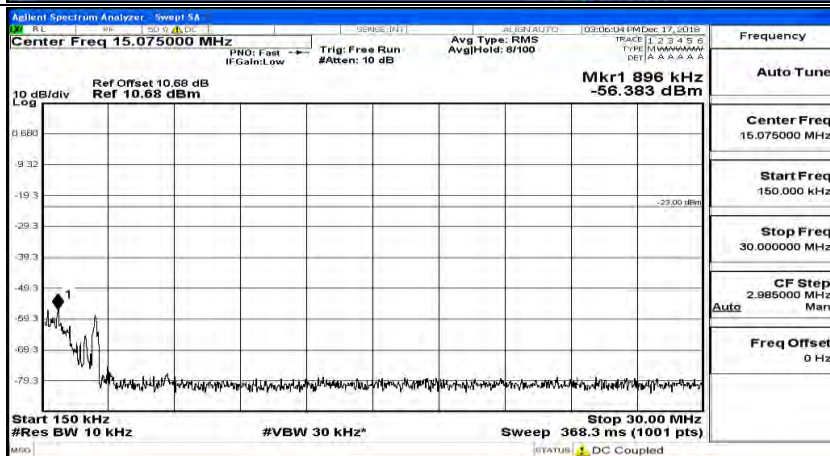
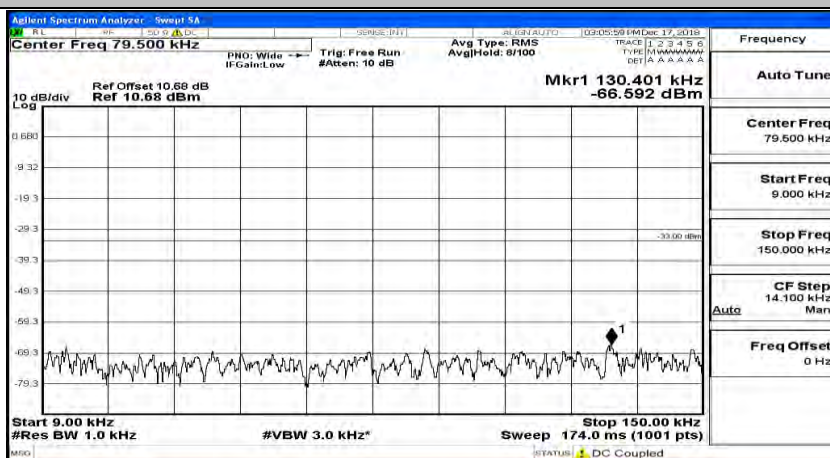
Screenshot 4: 3 MHz Channel Bandwidth, 79.500 kHz Center Freq

Parameter	Value
Center Freq	79.500 kHz
Ref Offset	10.68 dB
Ref	10.68 dBm
Mkr1	147.039 kHz
Mkr1 Level	-66.659 dBm
Start Freq	9.000 kHz
Stop Freq	150.000 kHz
Res BW	1.0 kHz
VBW	3.0 kHz
Sweep	174.0 ms (1001 pts)

Setting	Value
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

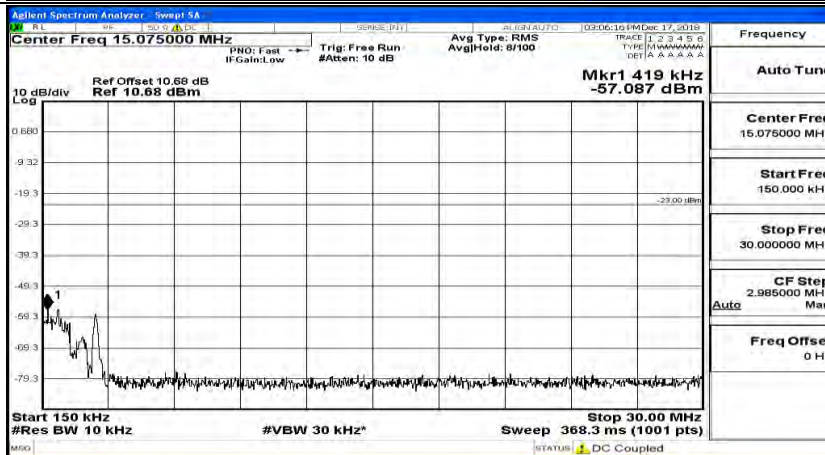
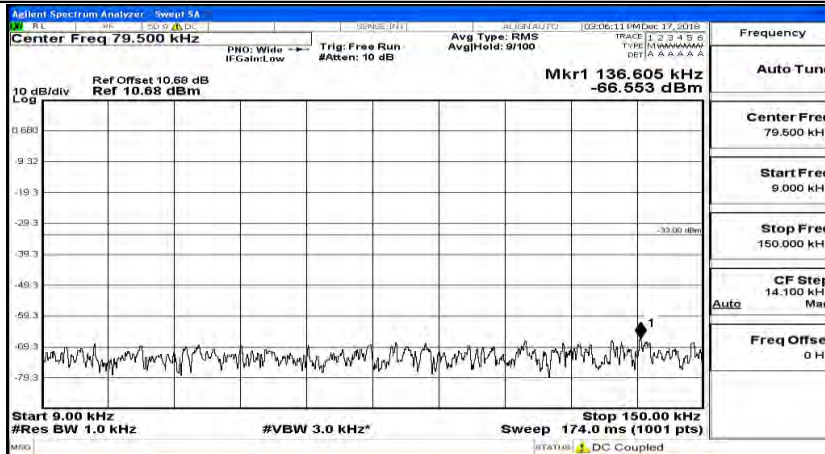


(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4

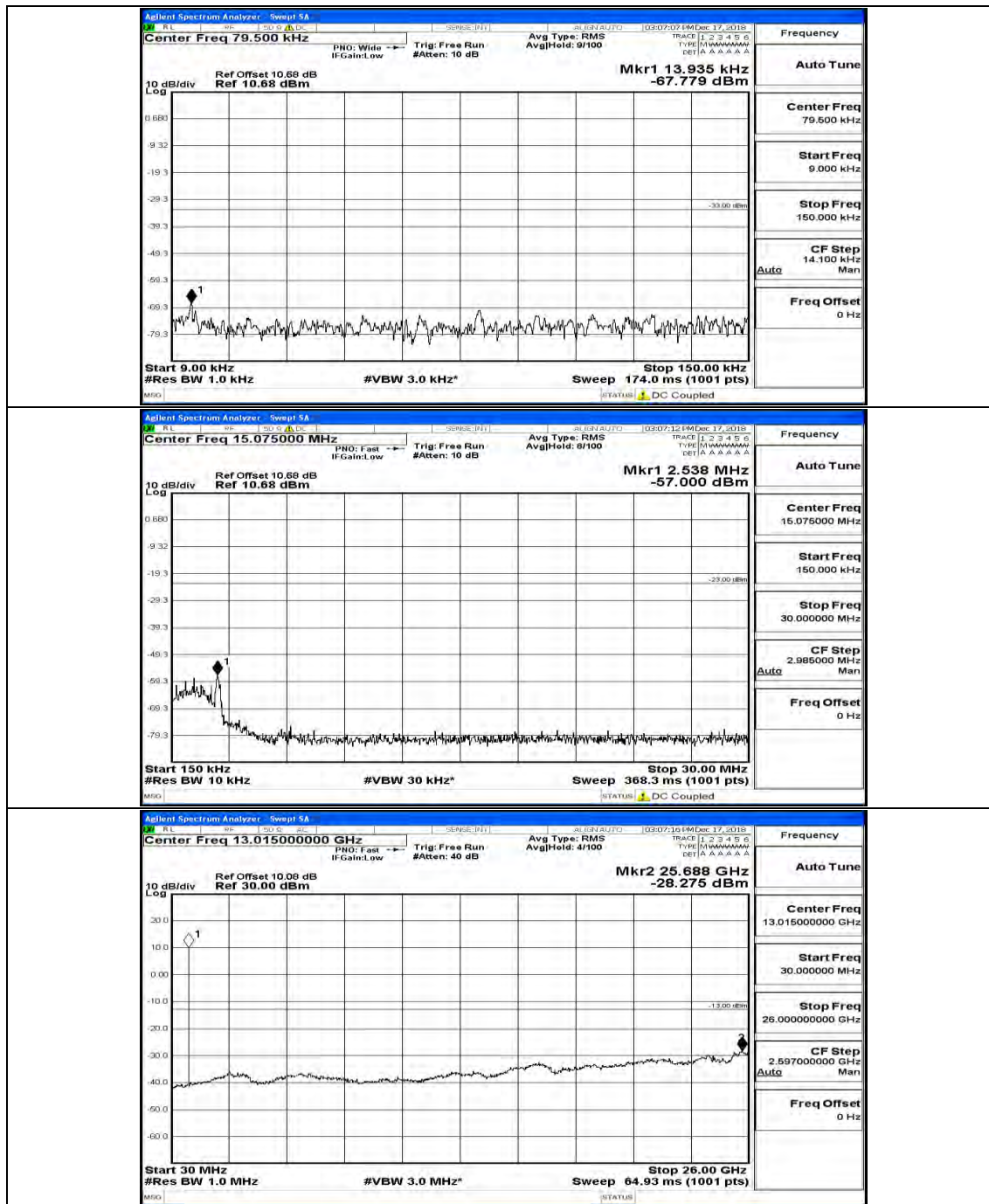




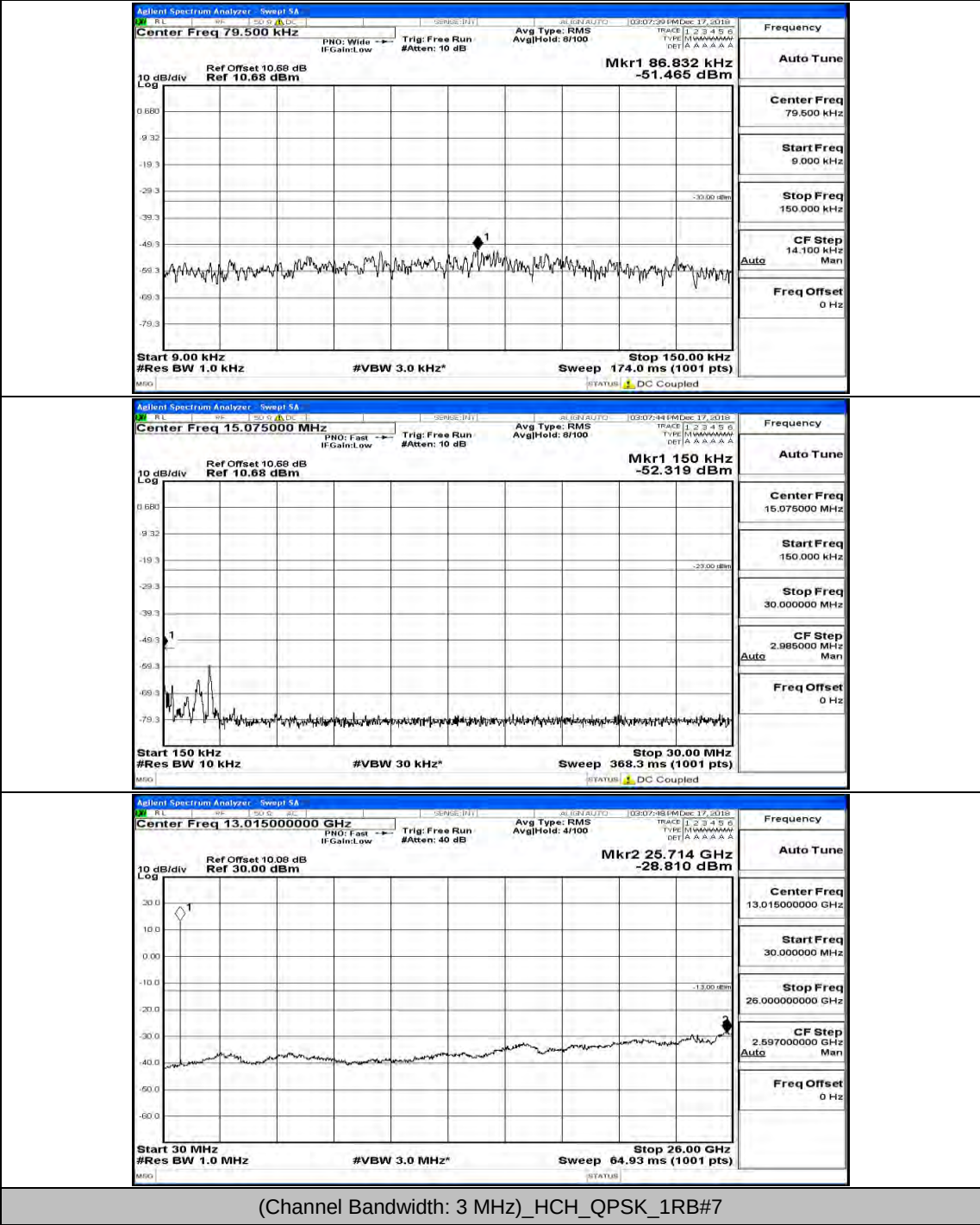
(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#7



(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



Agilent Spectrum Analyzer - Sweep 5A

Center Freq 13.015000000 GHz

Ref Offset 10.68 dB
Ref 30.00 dBm

Mkr2 25.714 GHz
-28.810 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

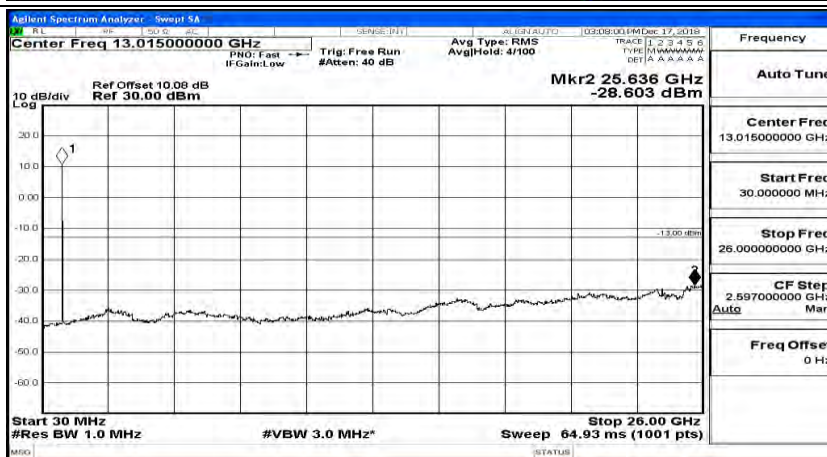
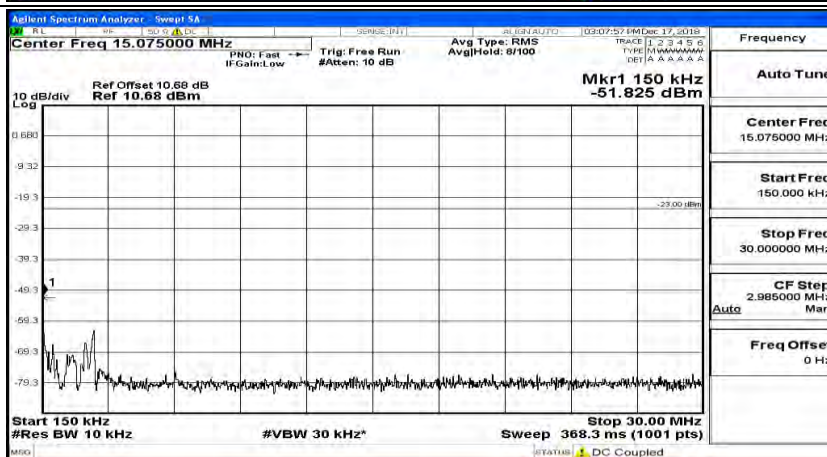
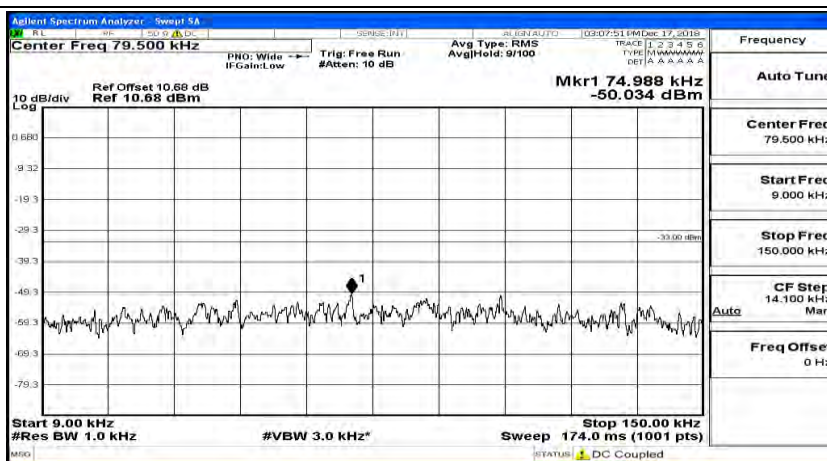
Start Freq
30.000000 MHz

Stop Freq
26.000000000 GHz

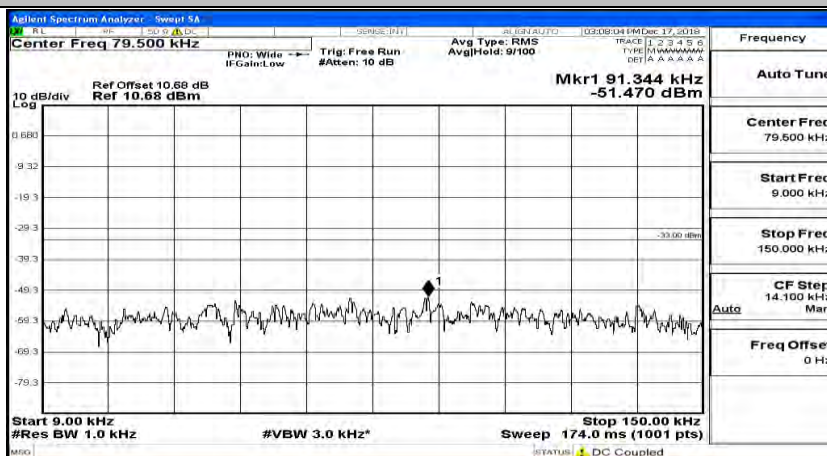
CF Step
2.597000000 GHz
Man

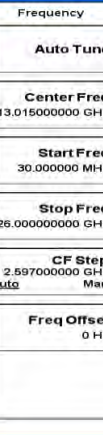
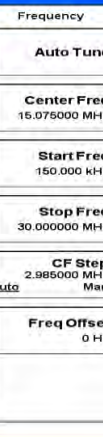
Freq Offset
0 Hz

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

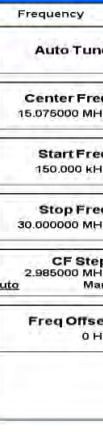


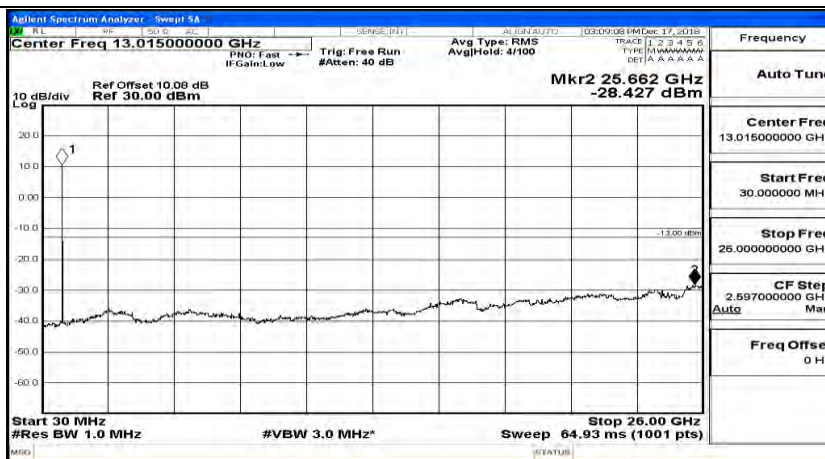
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



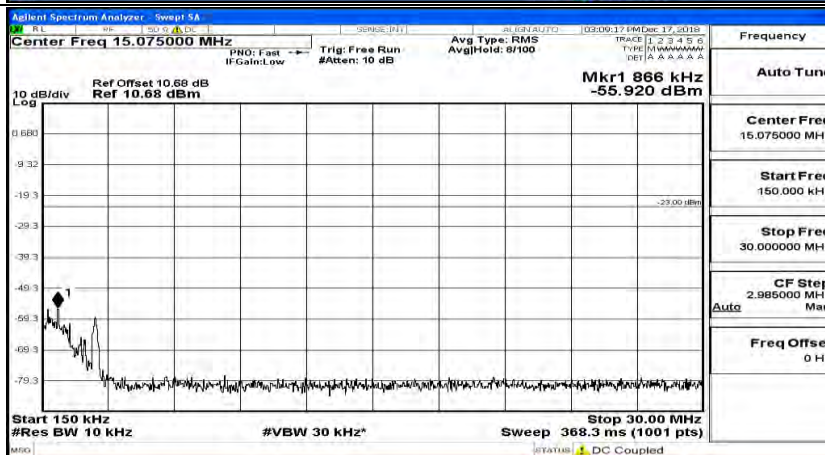
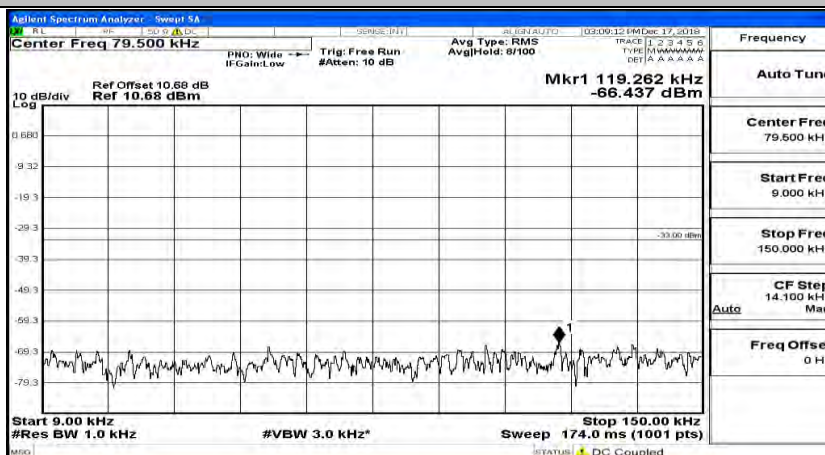


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0

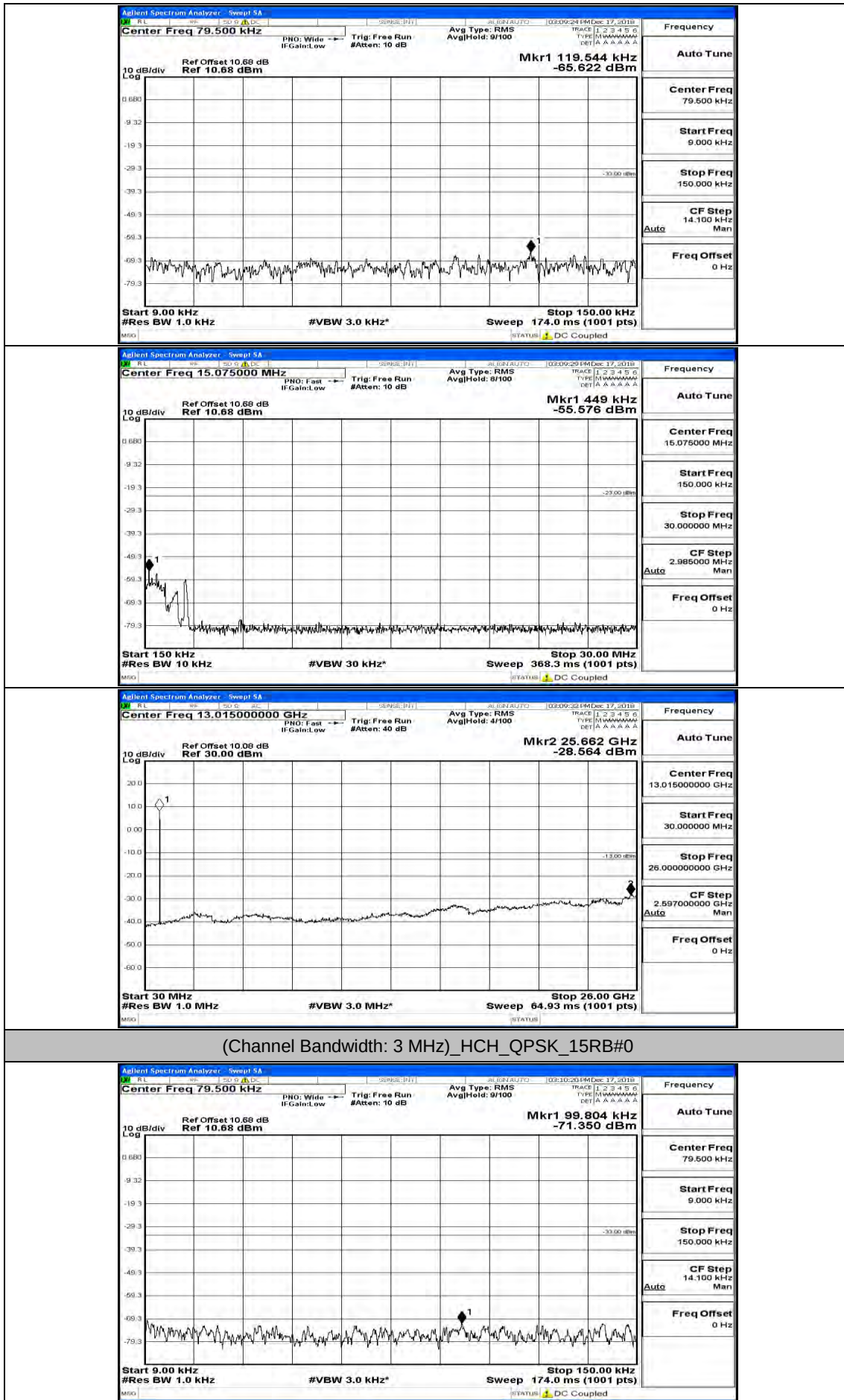


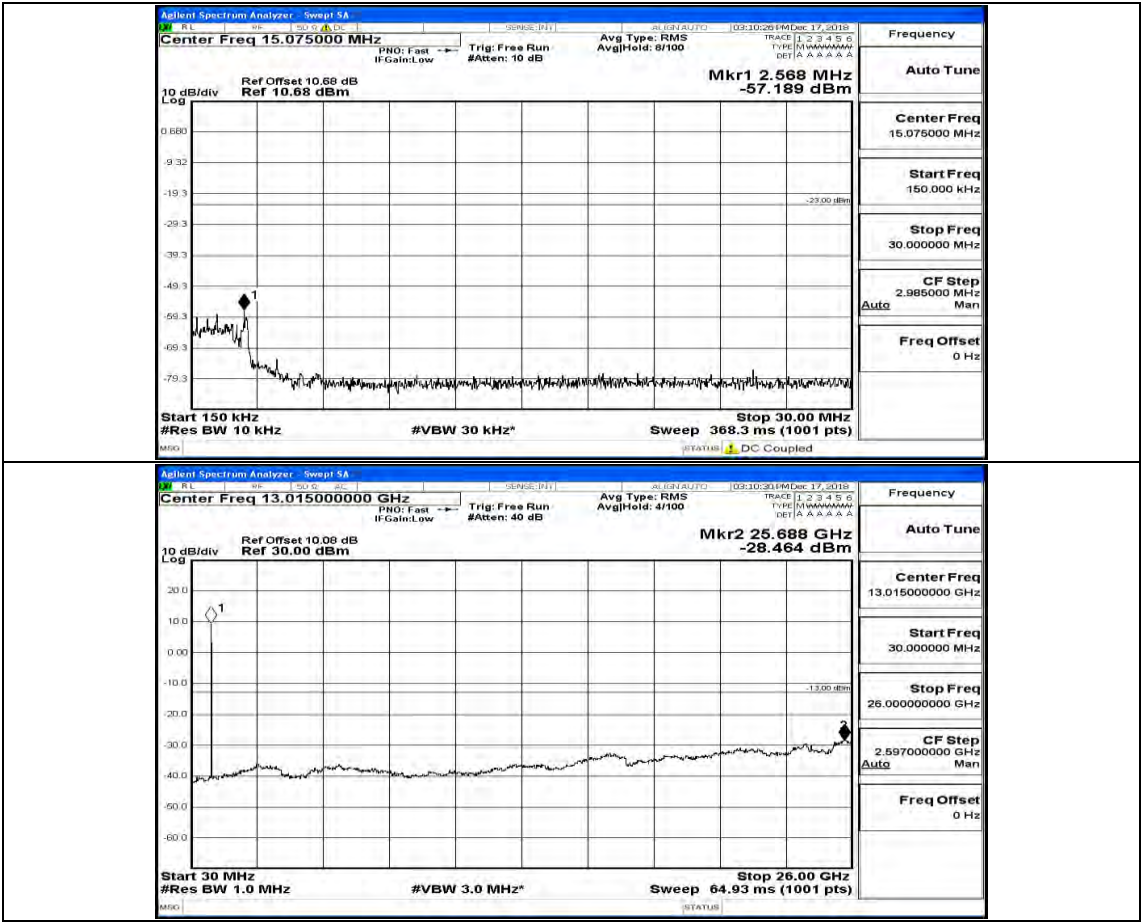


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

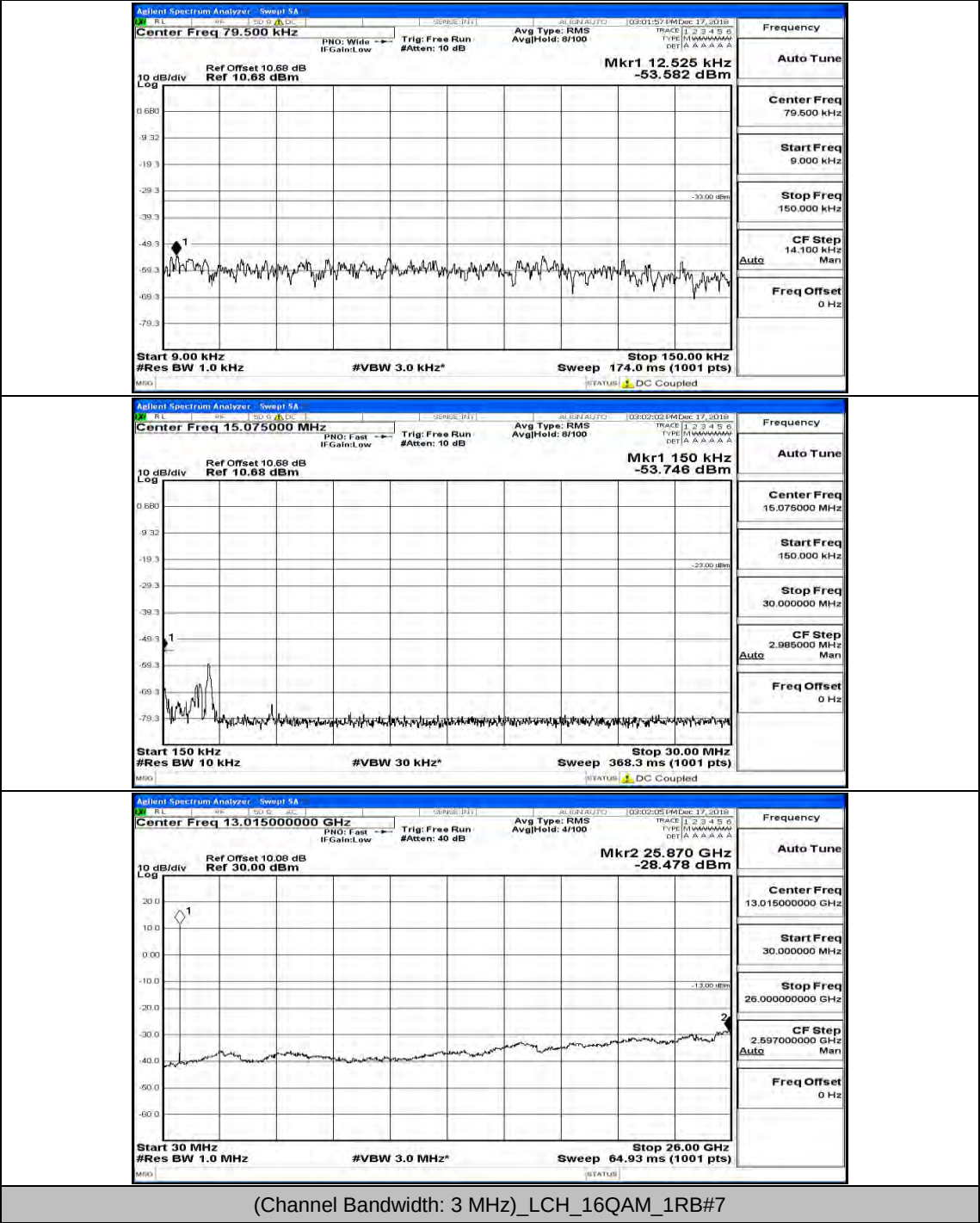


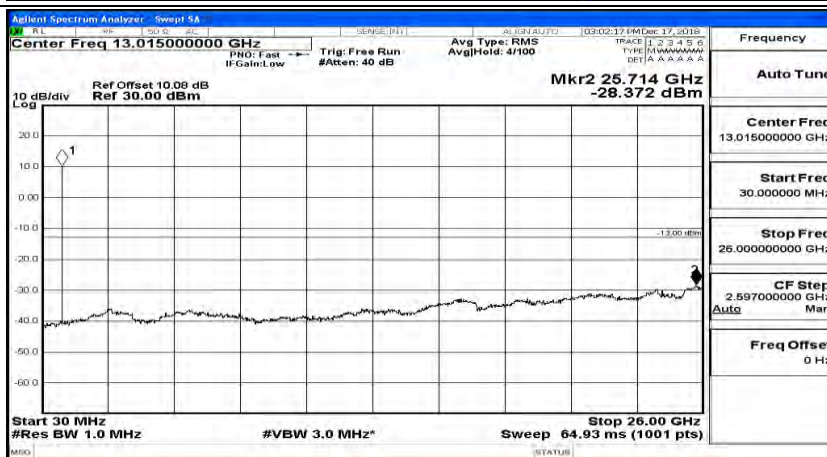
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7



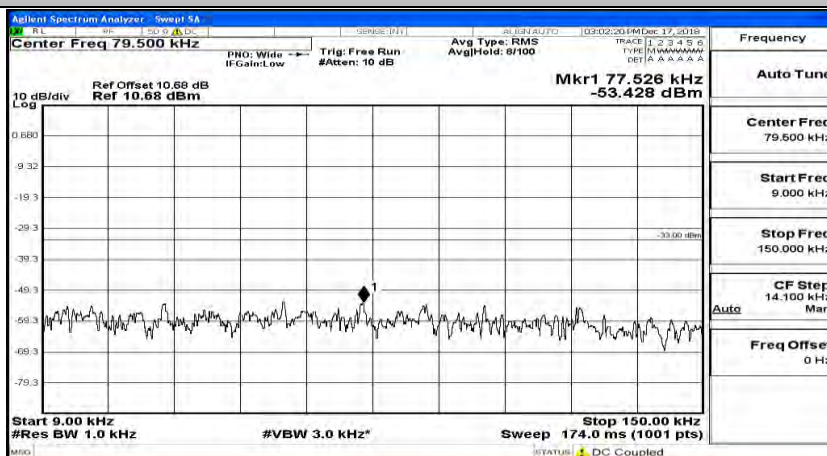


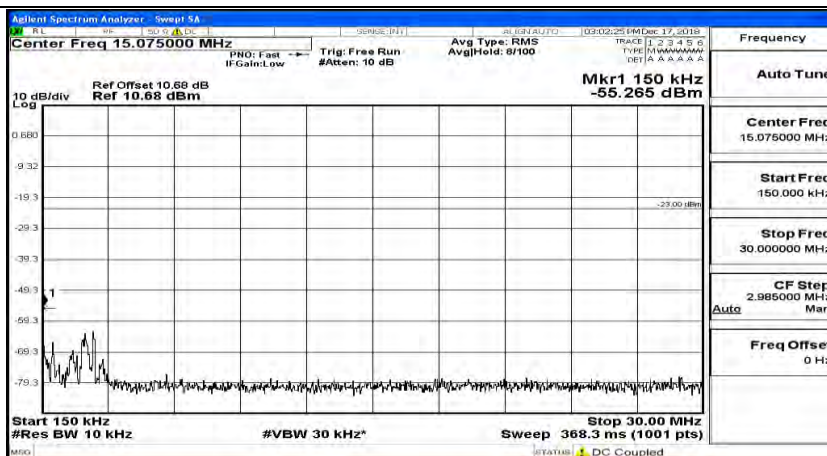
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



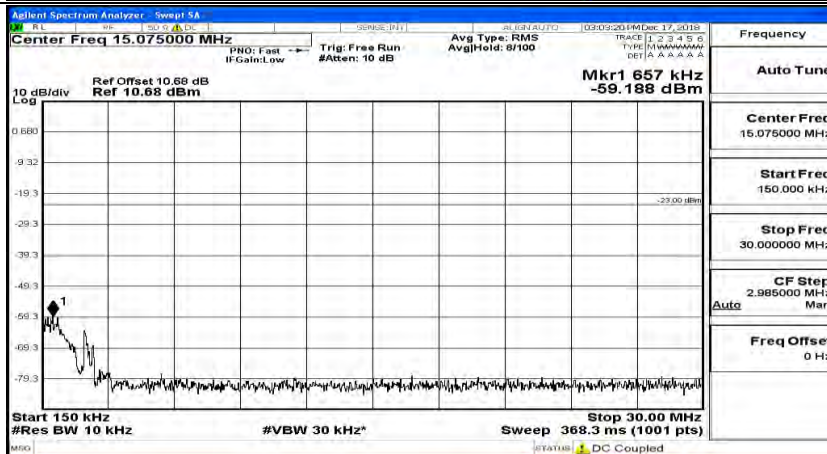
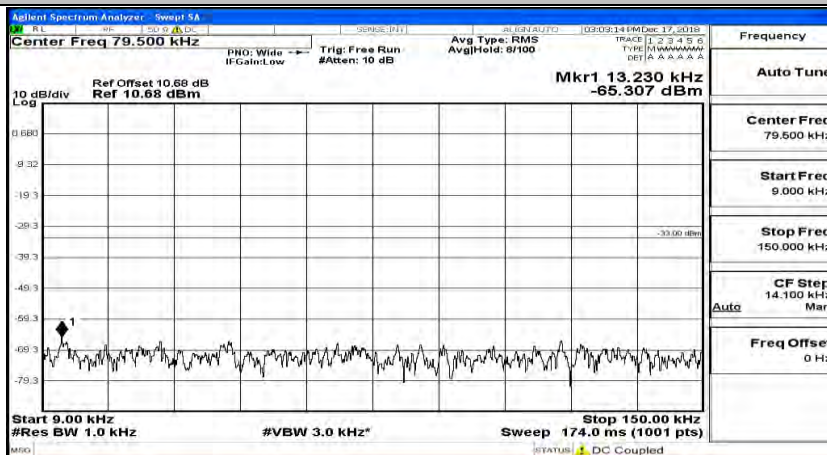


(Channel Bandwidth: 3 MHz) LCH 16QAM 1RB#14



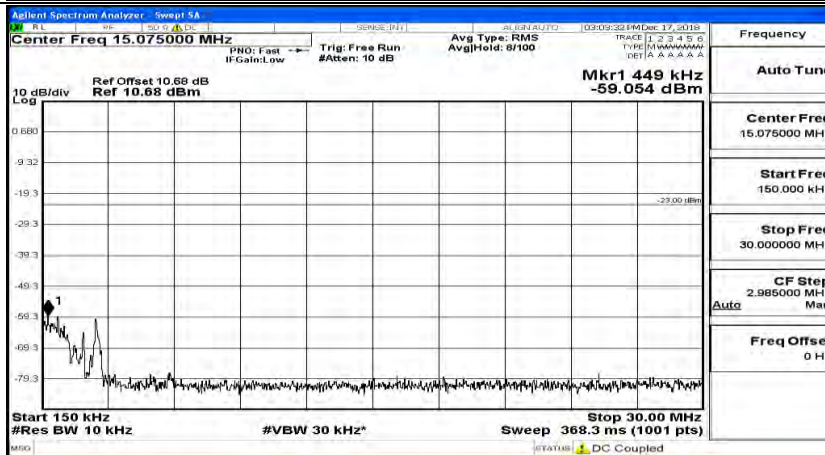
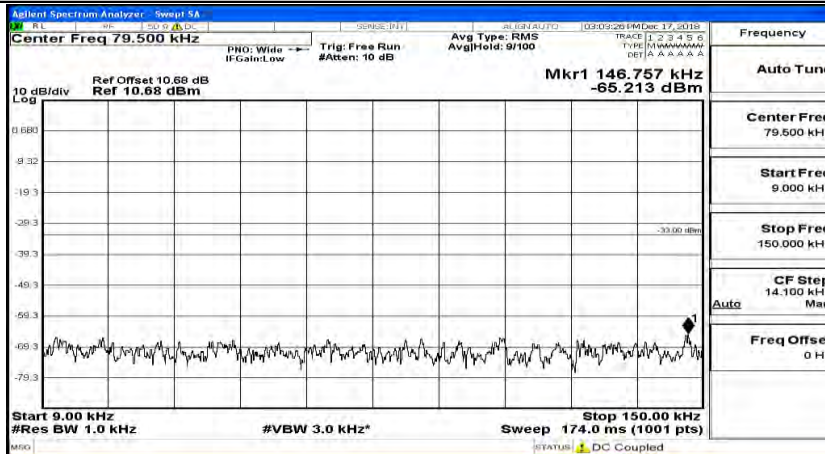


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

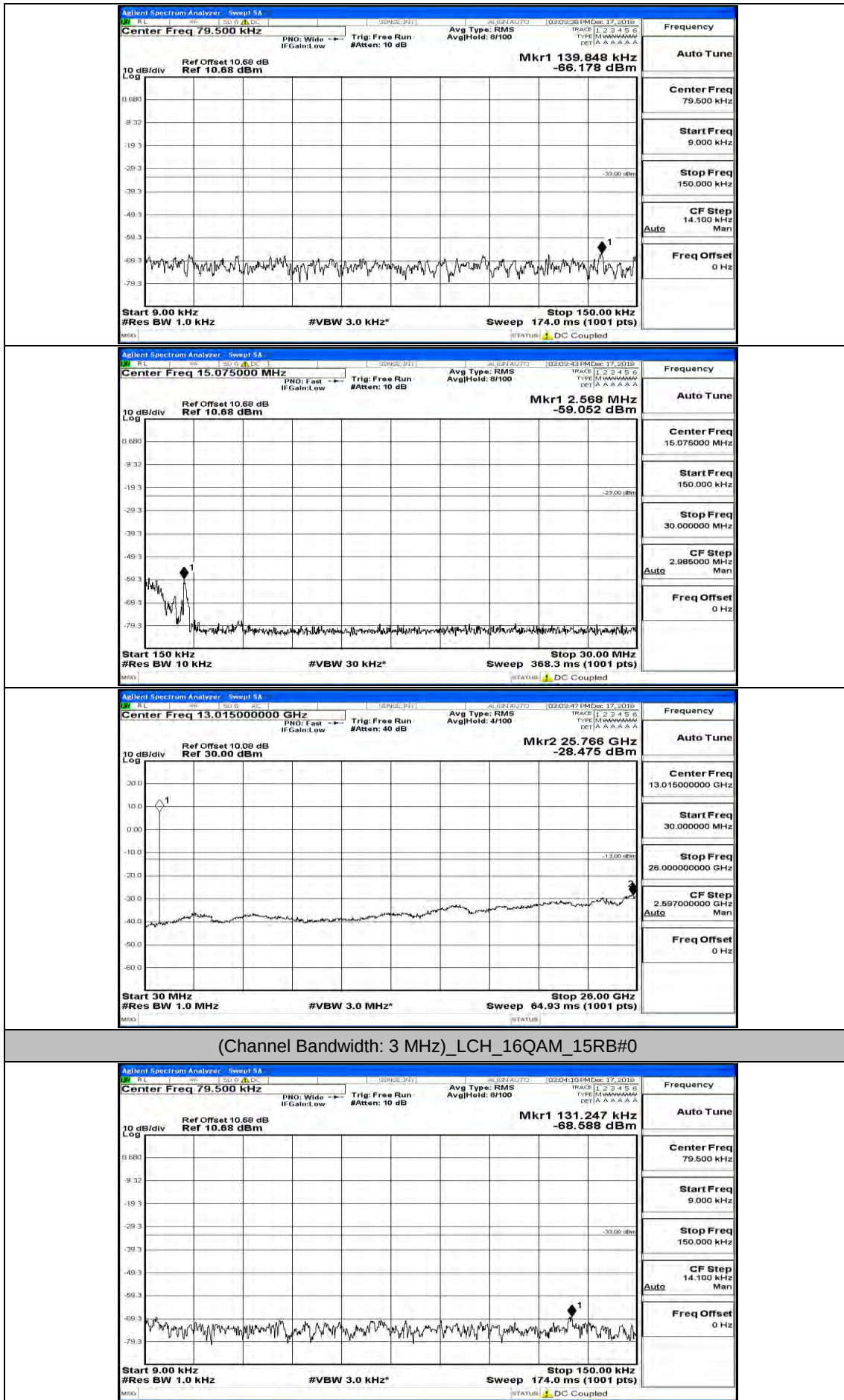


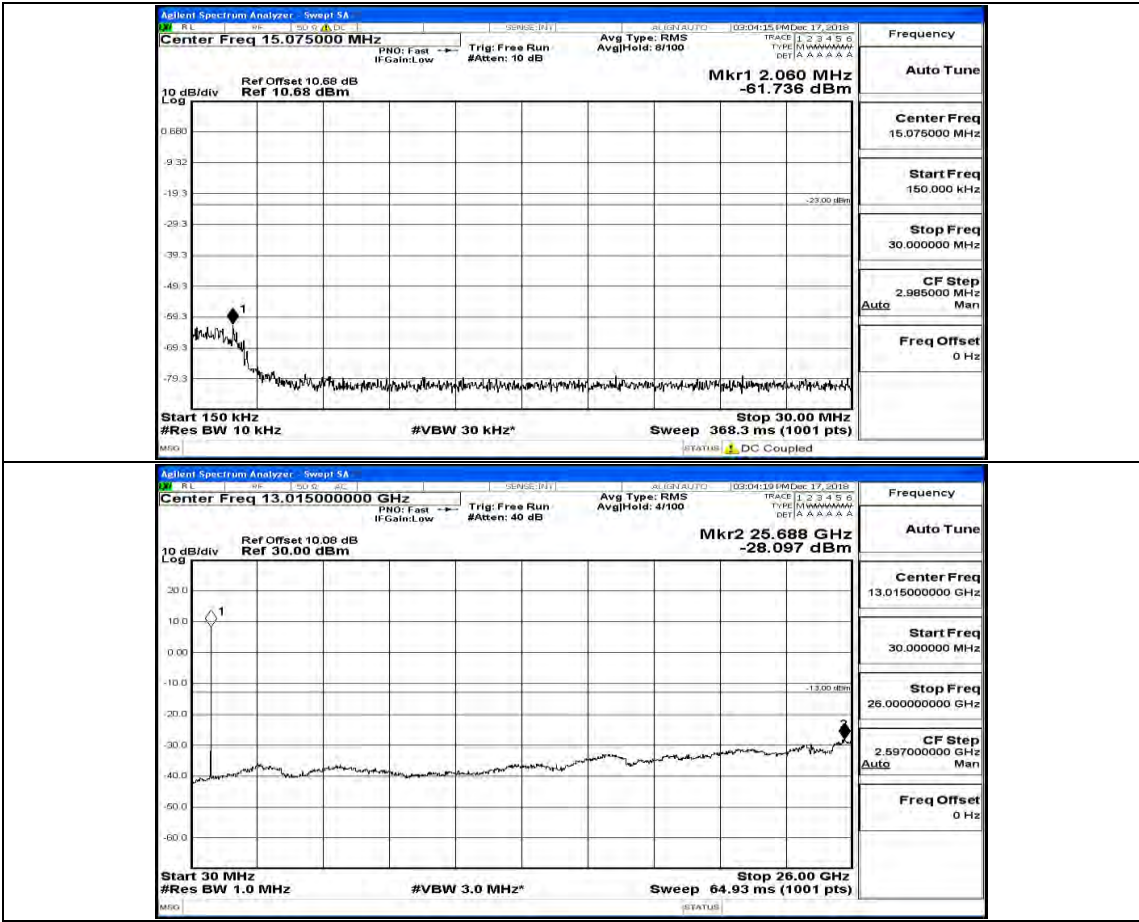


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4

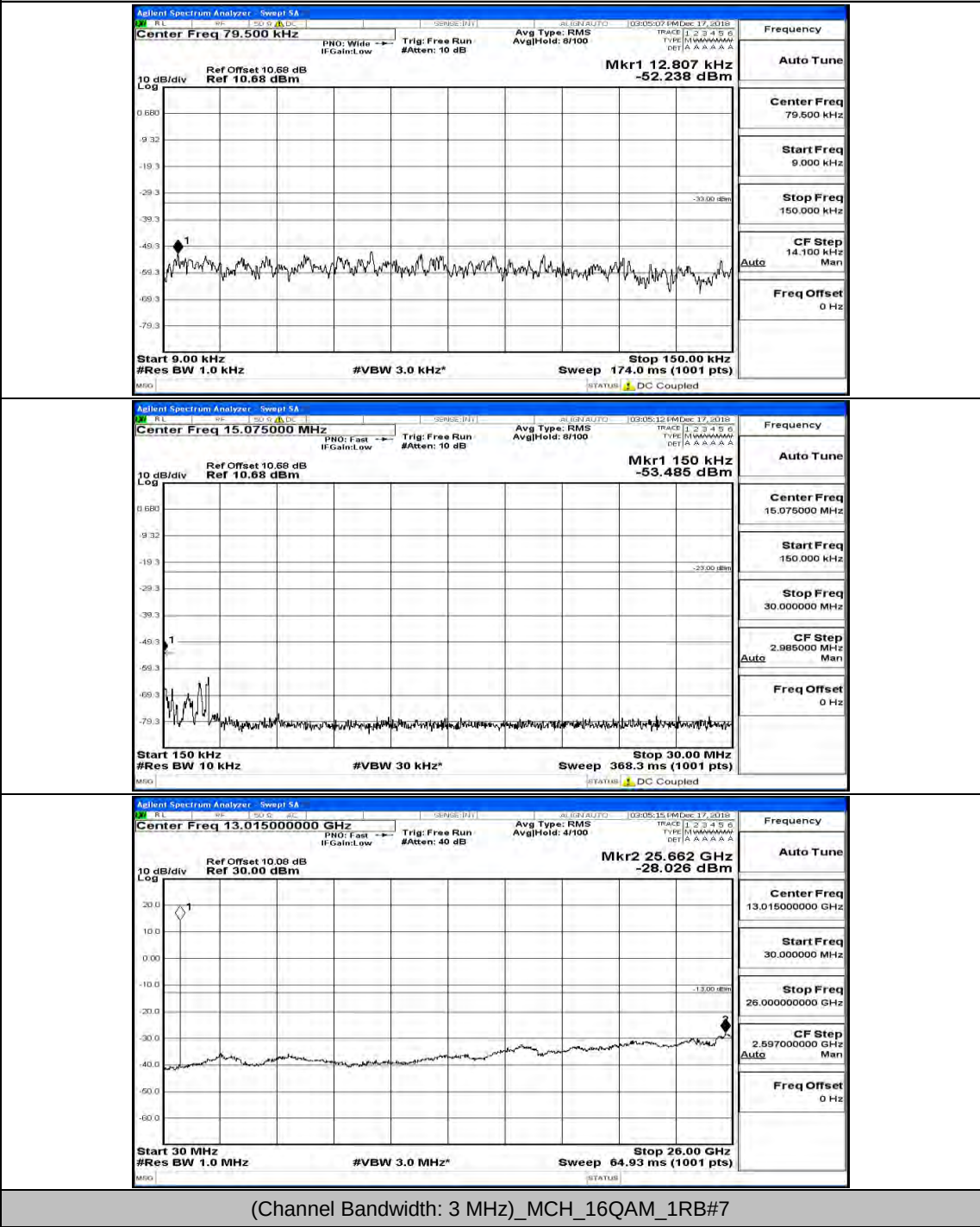


(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7

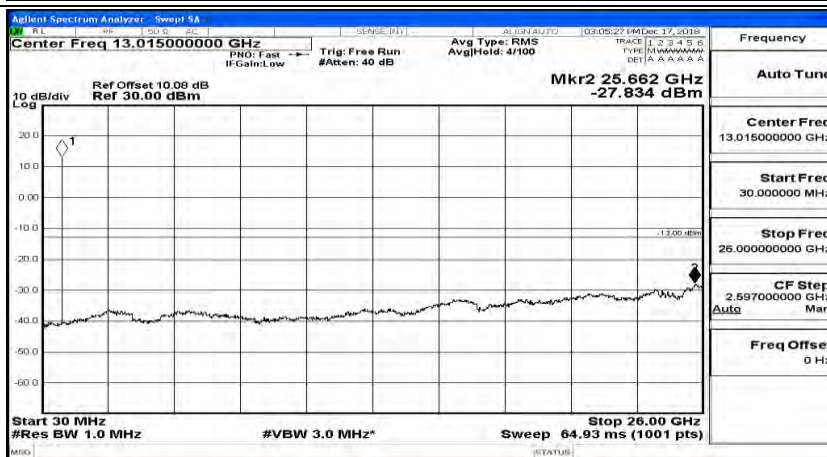
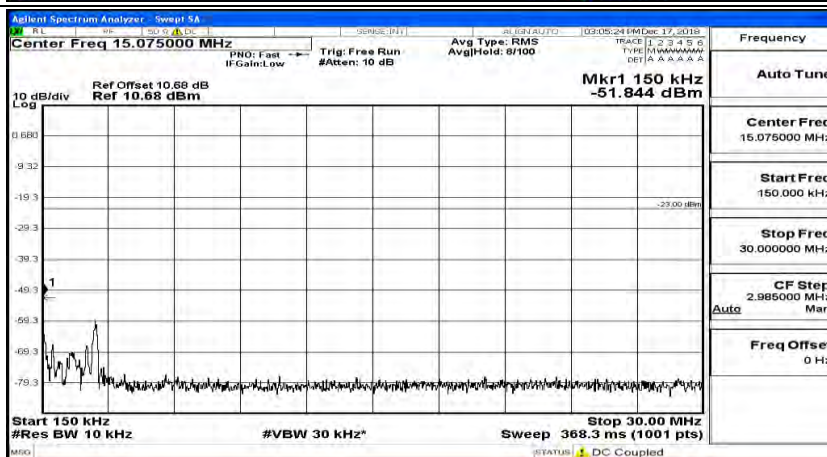
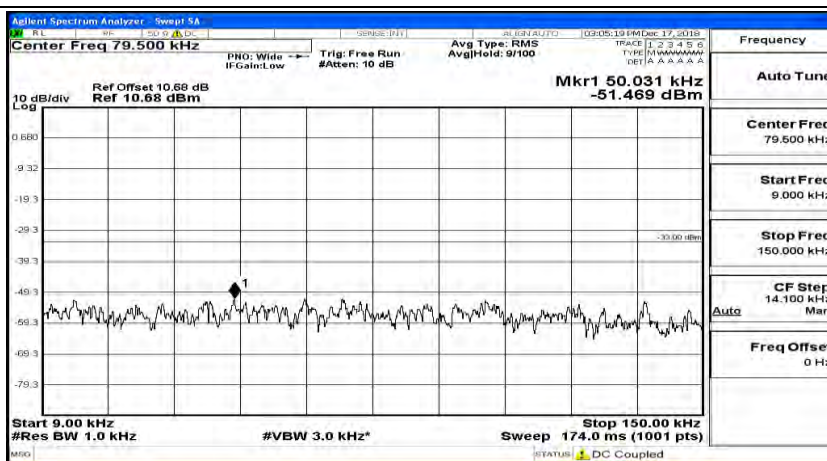




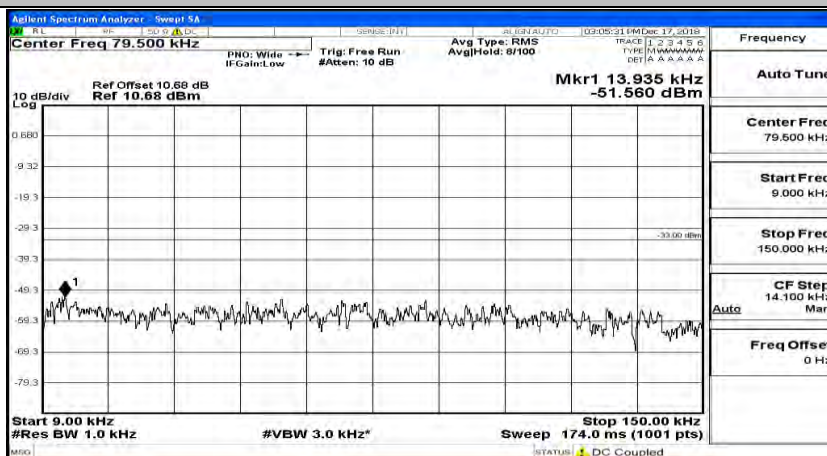
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

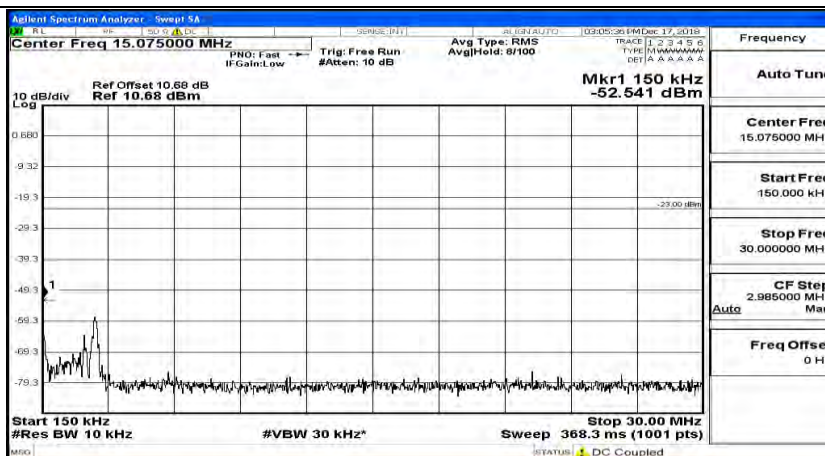


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

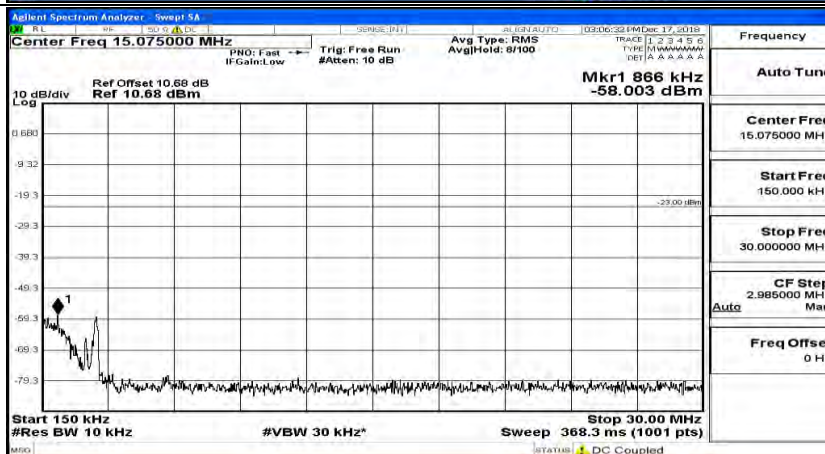
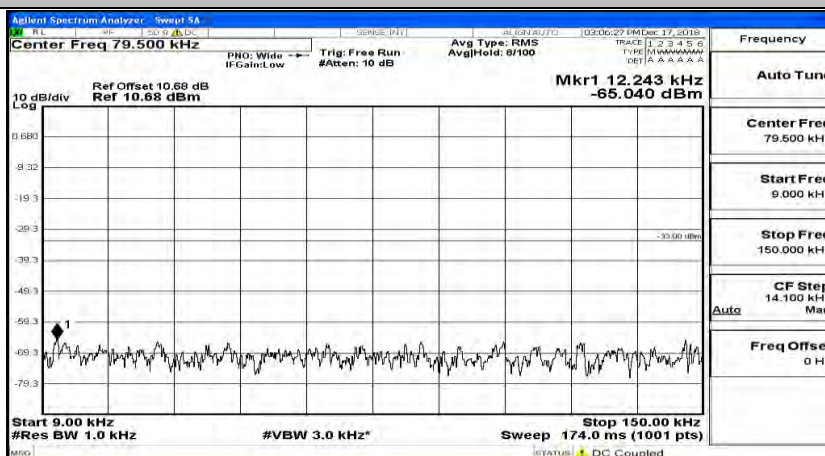


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



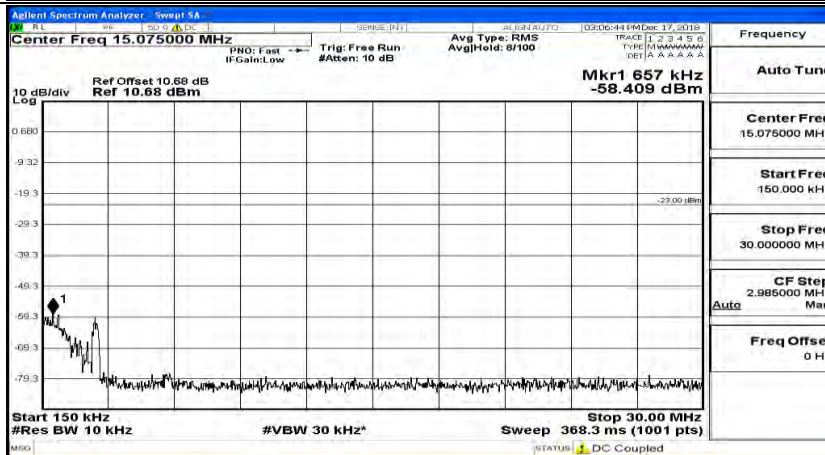
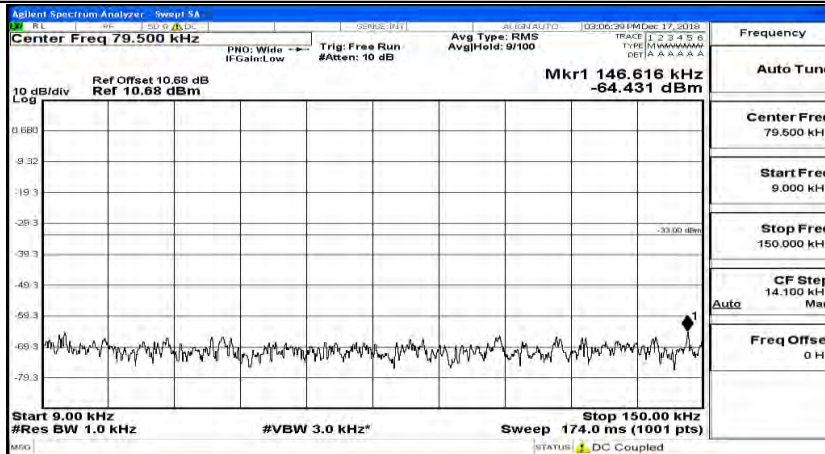


(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0

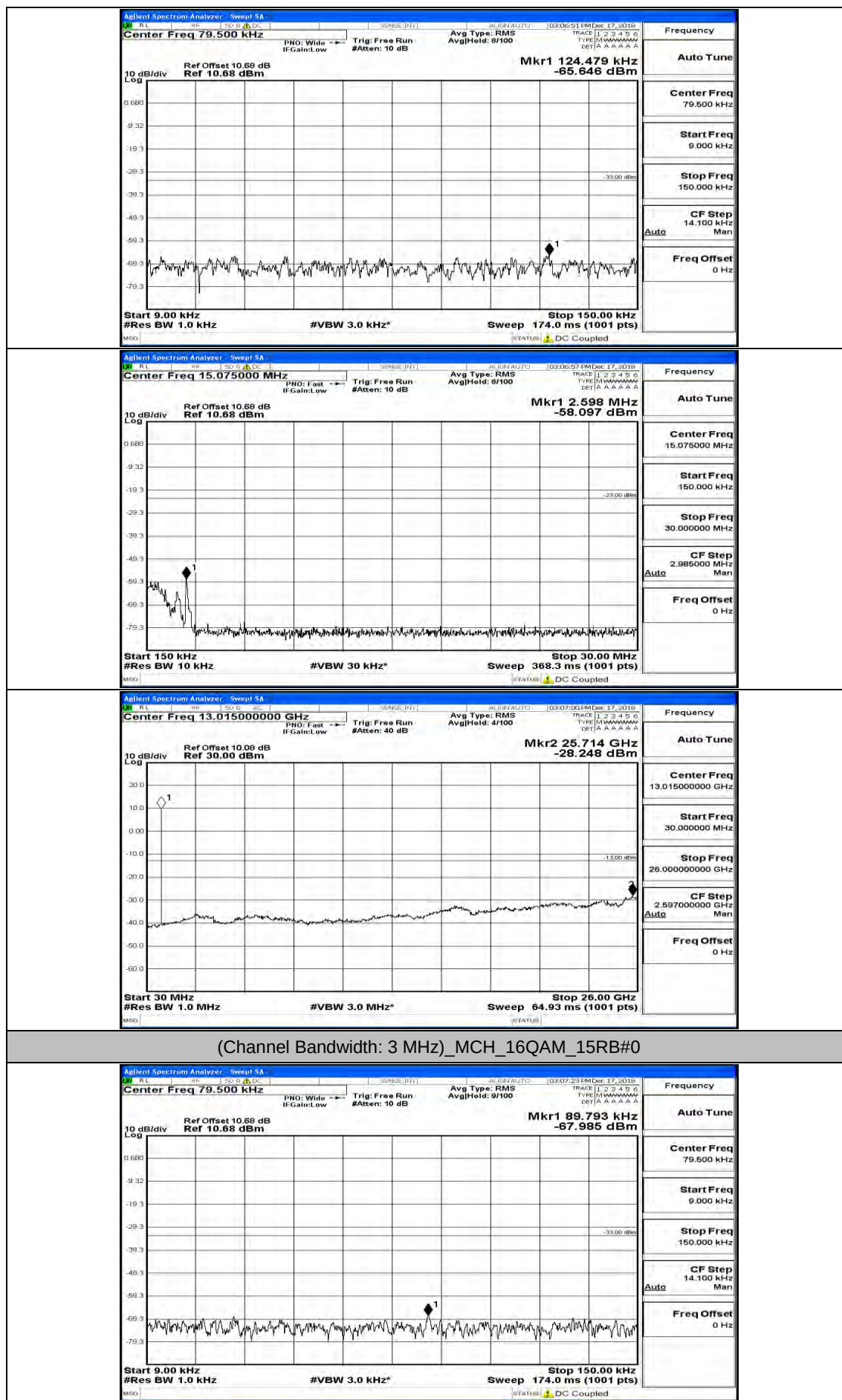


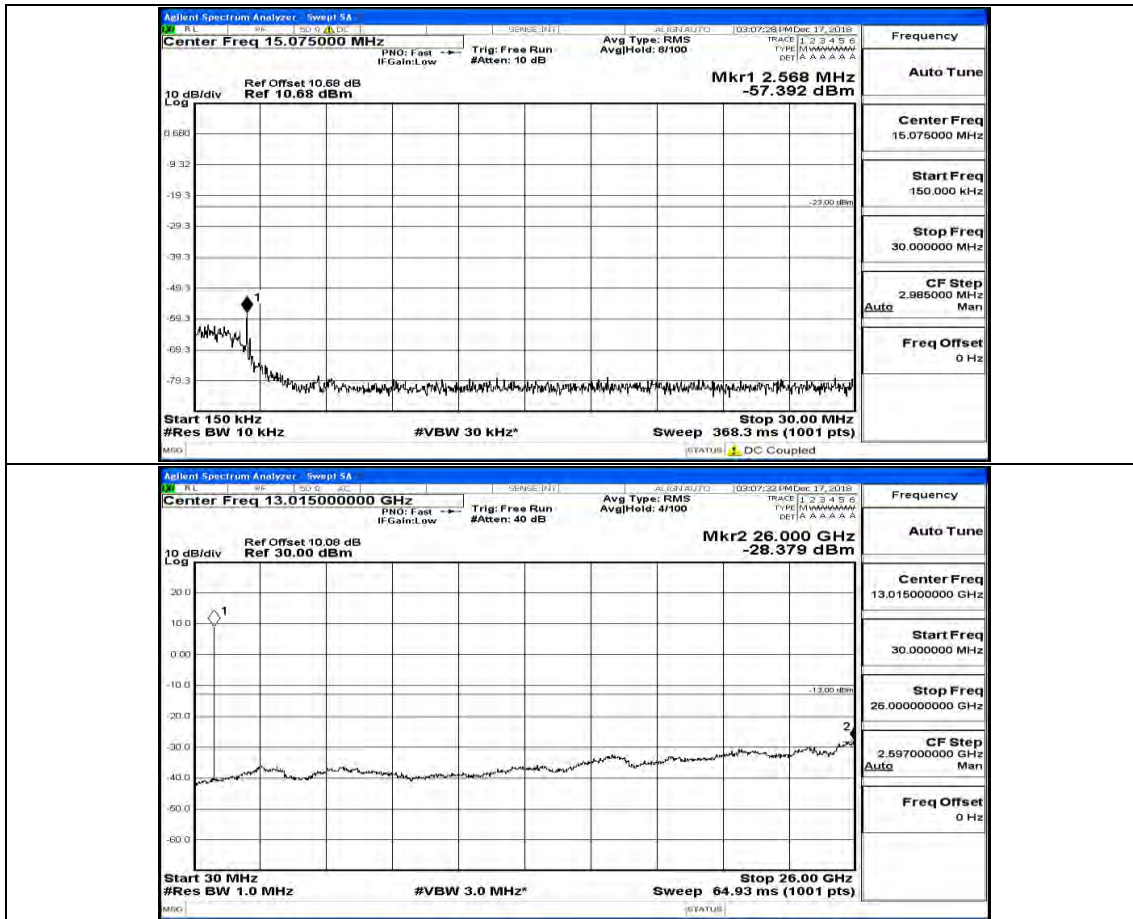


(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4

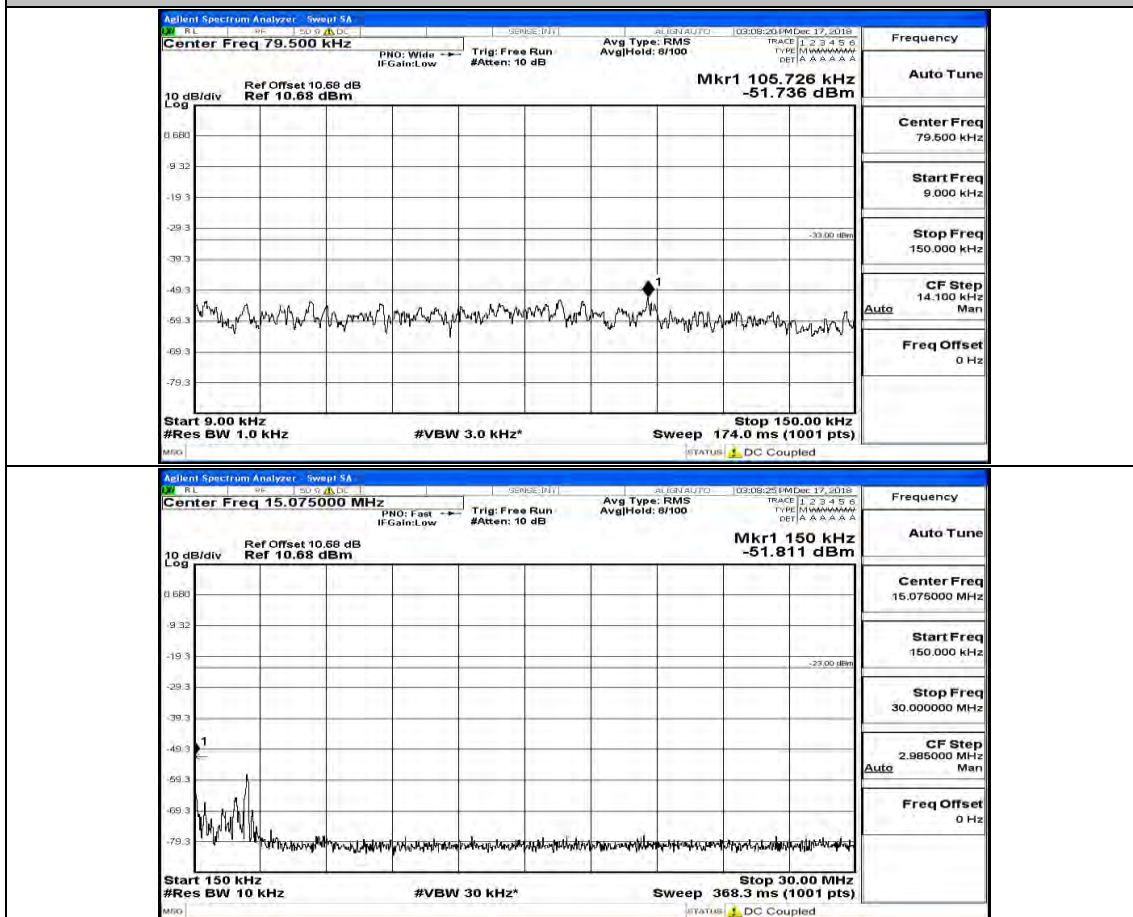


(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#7



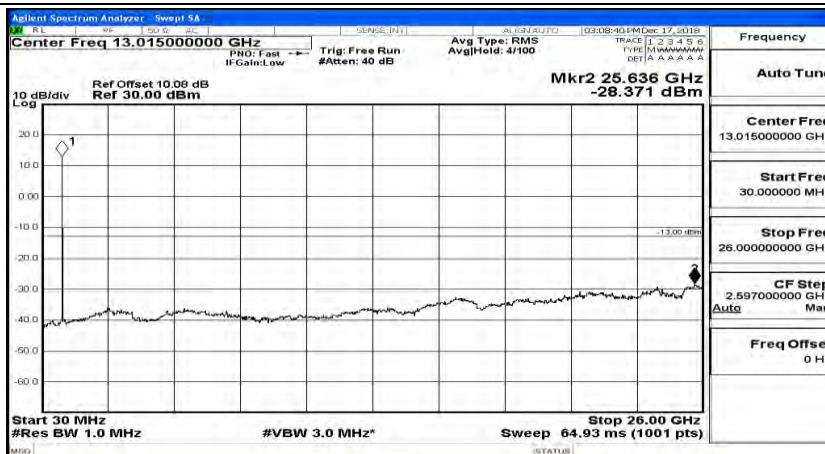
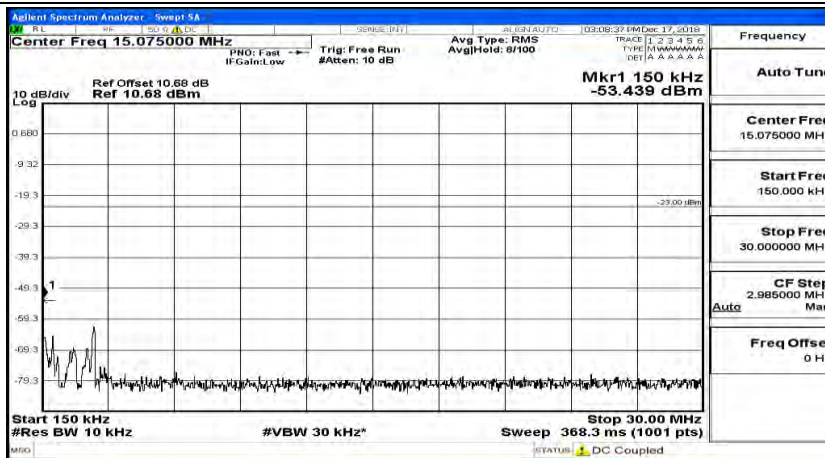
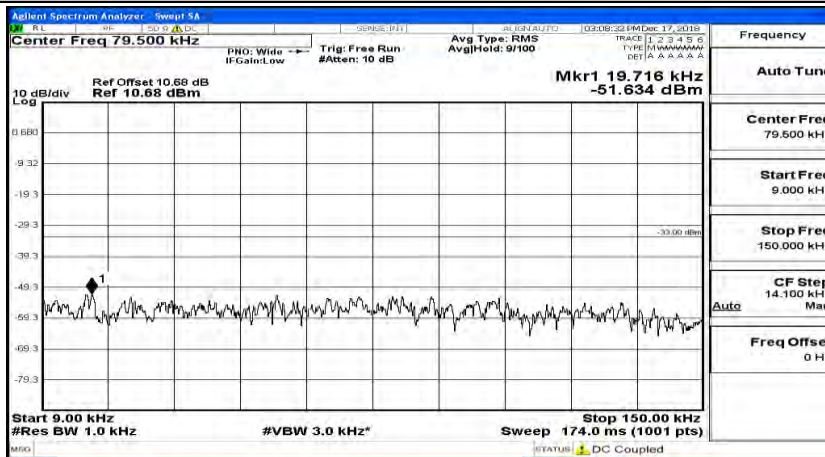


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

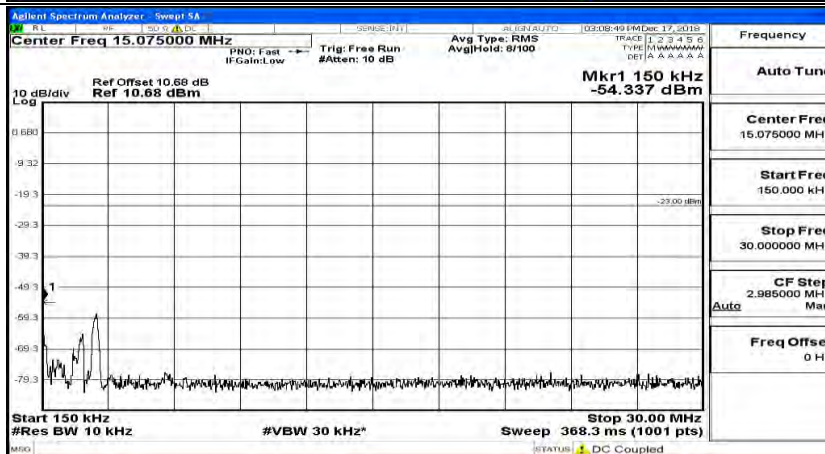
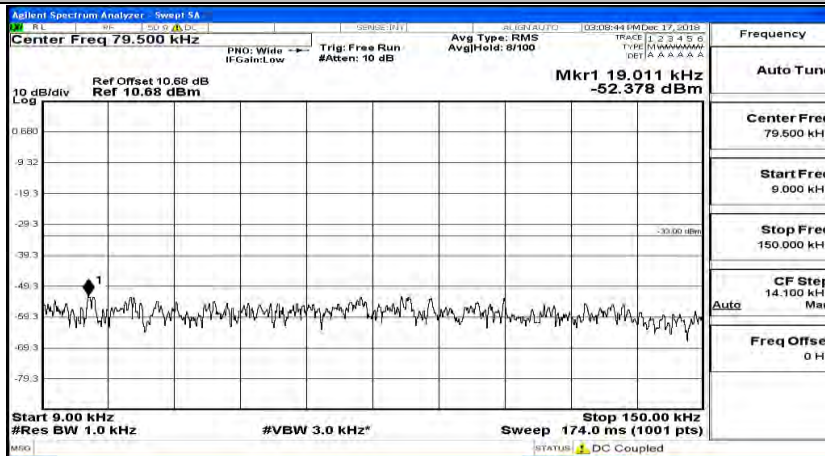




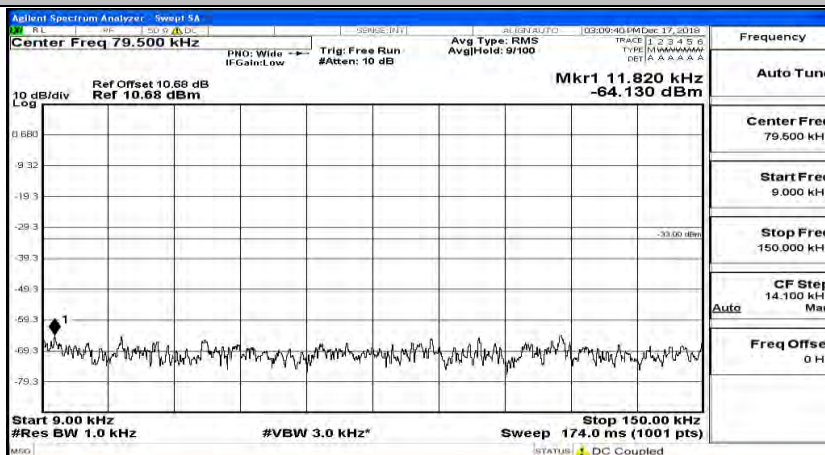
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7

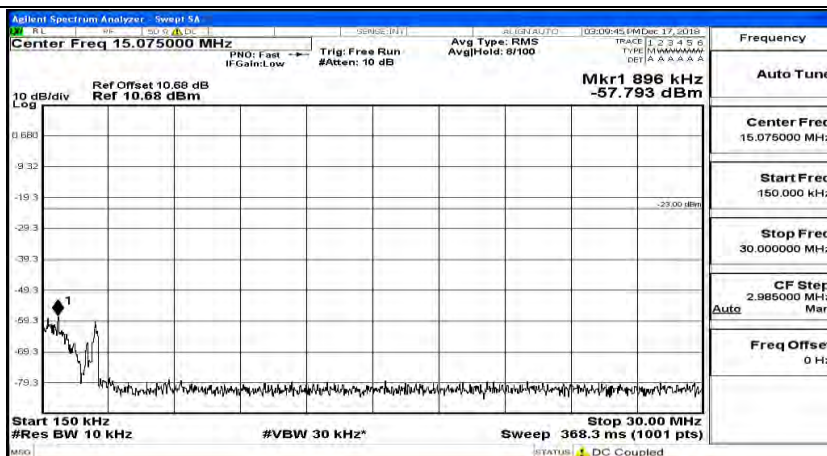


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

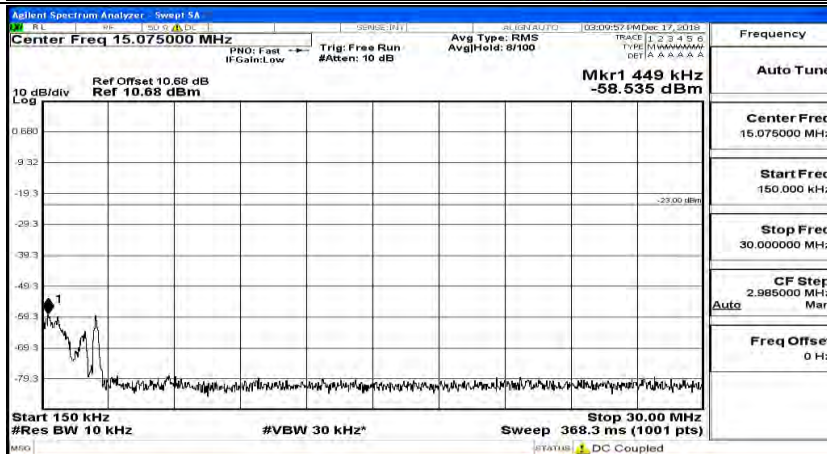
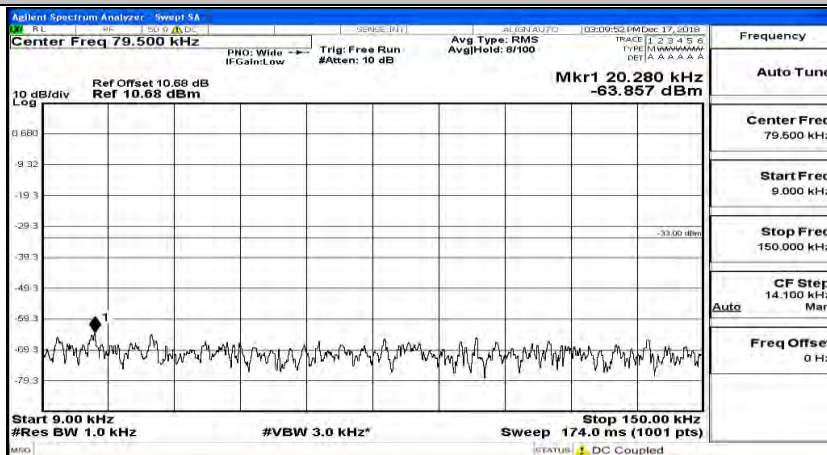


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



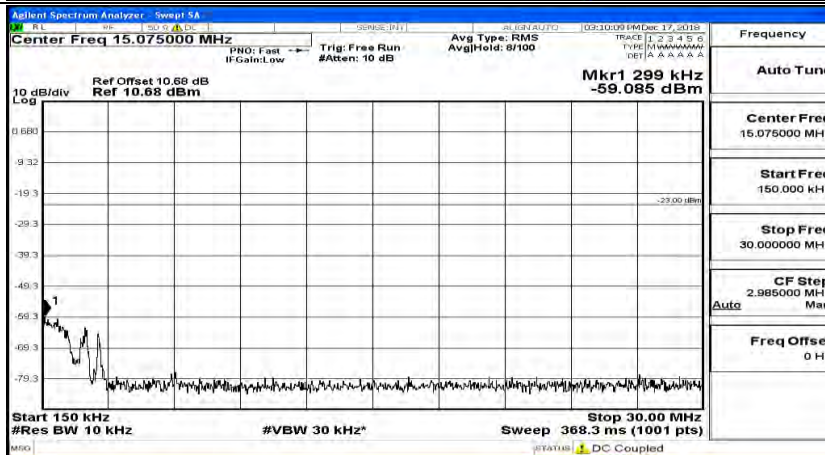
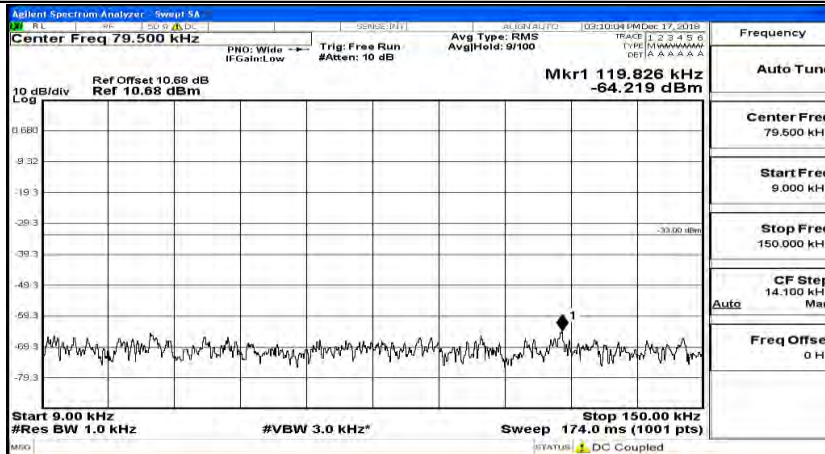


(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

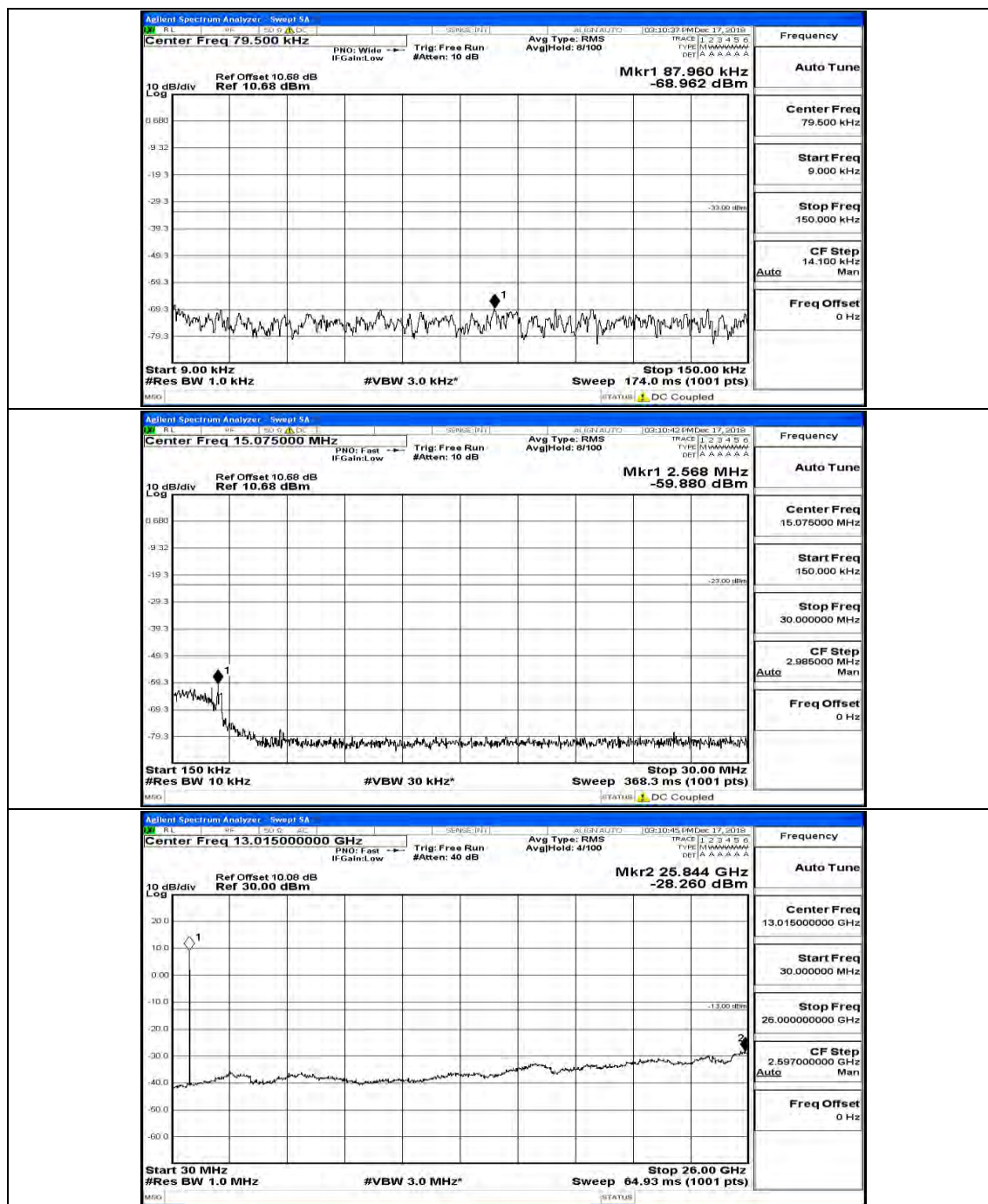




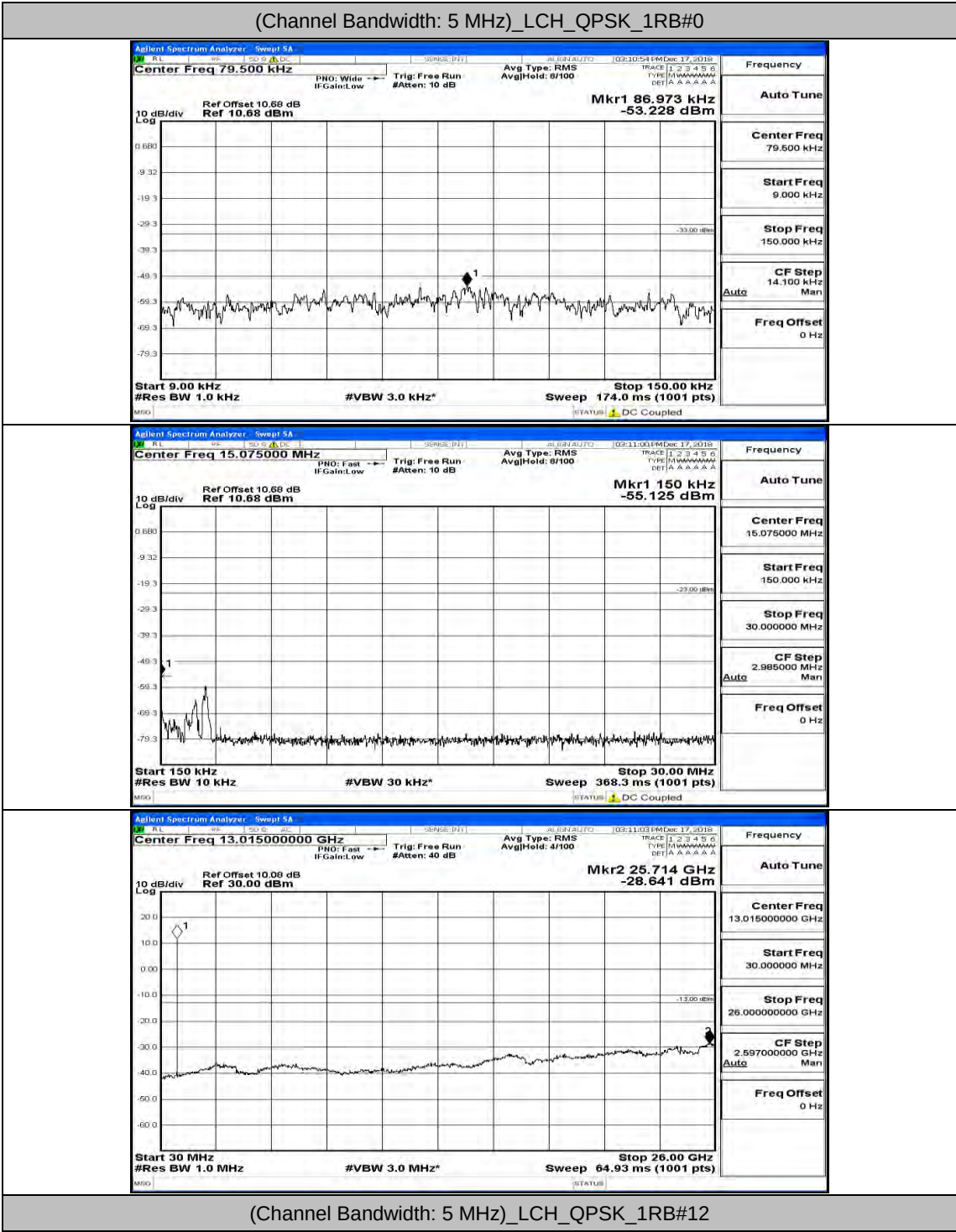
(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

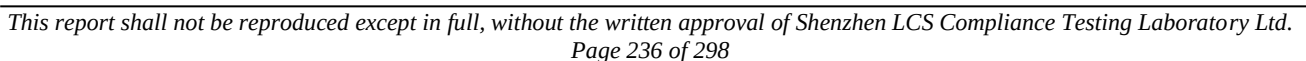


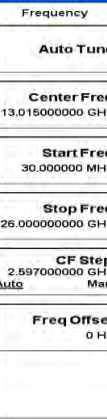
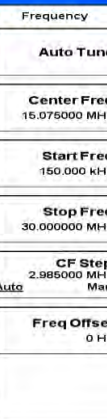
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



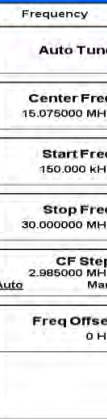
Channel Bandwidth: 5 MHz





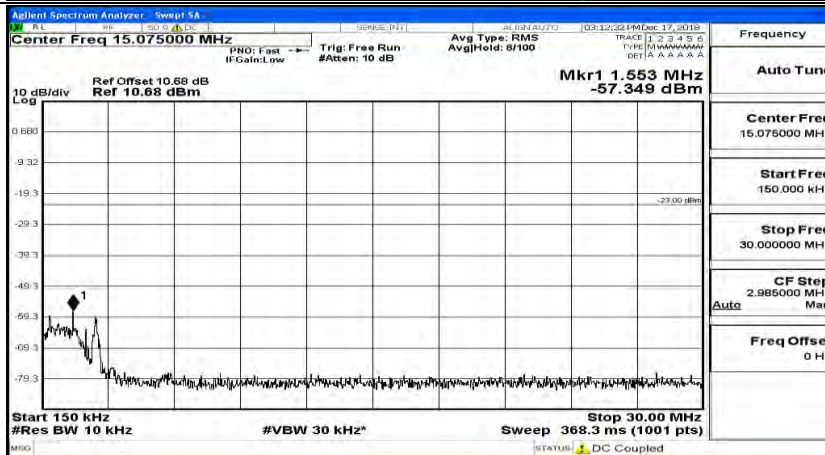
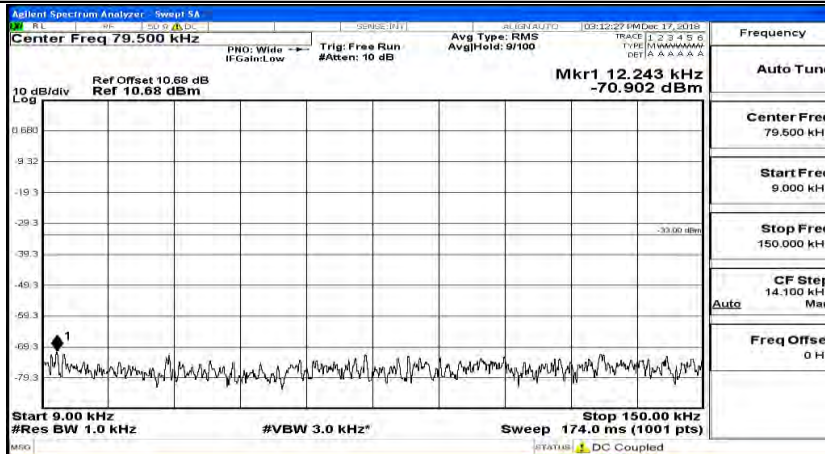


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0

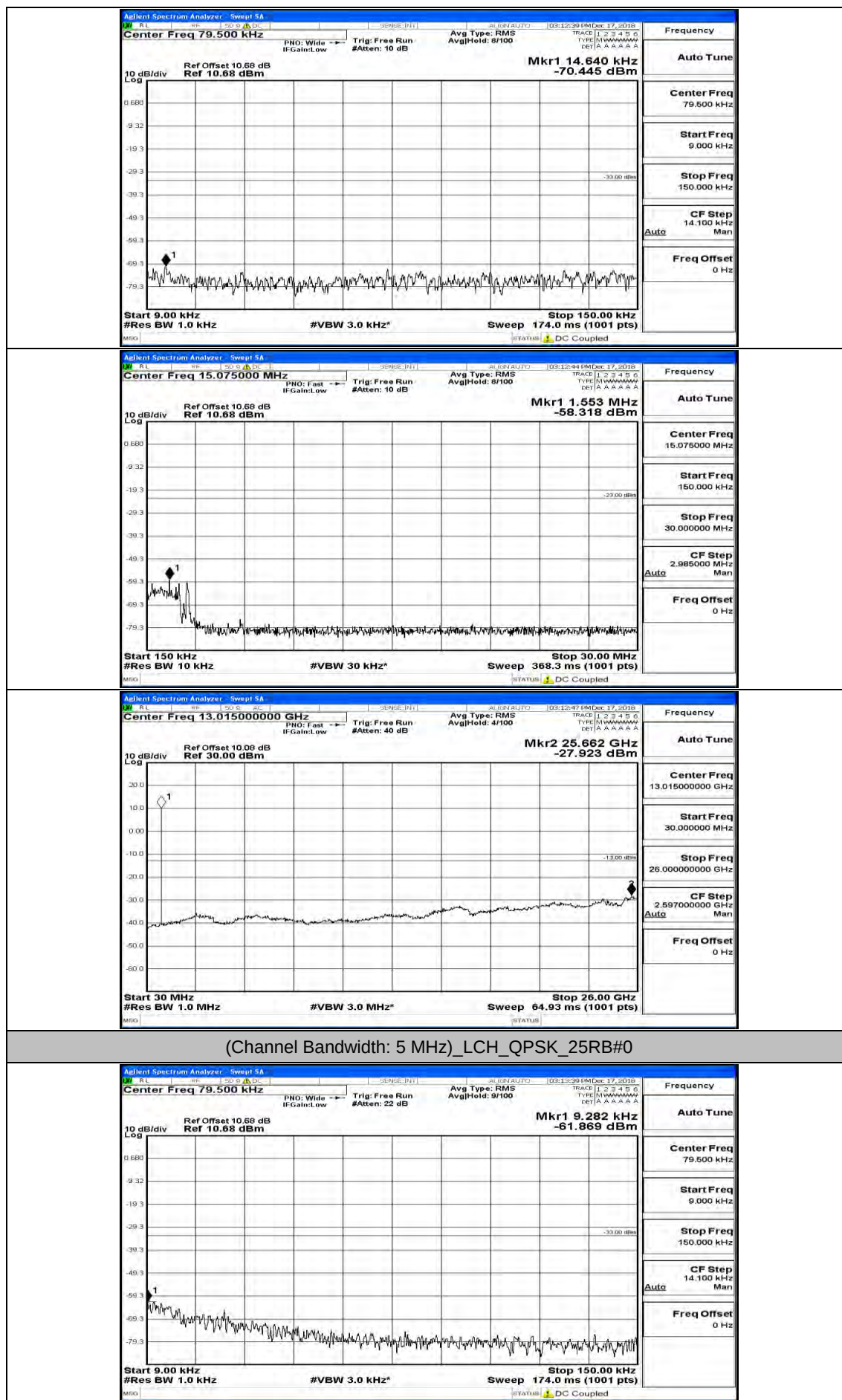


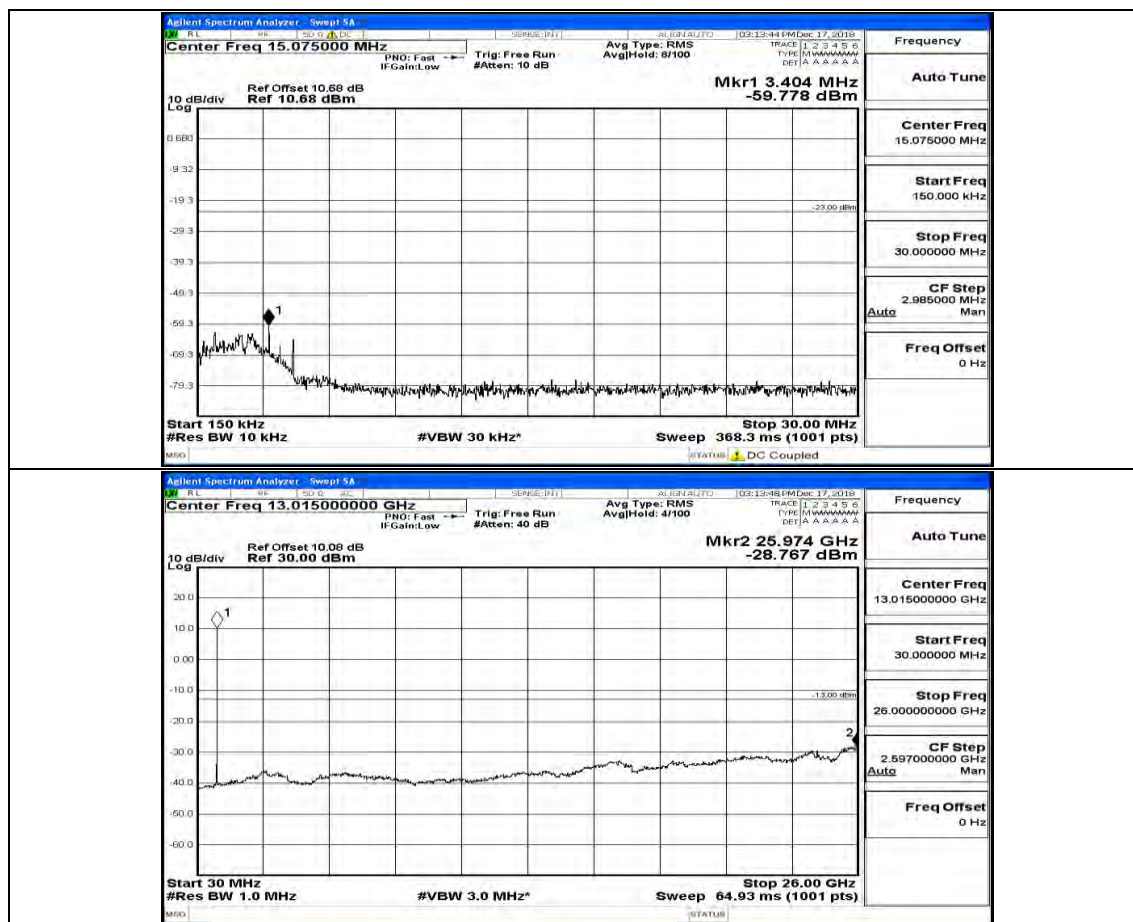


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6

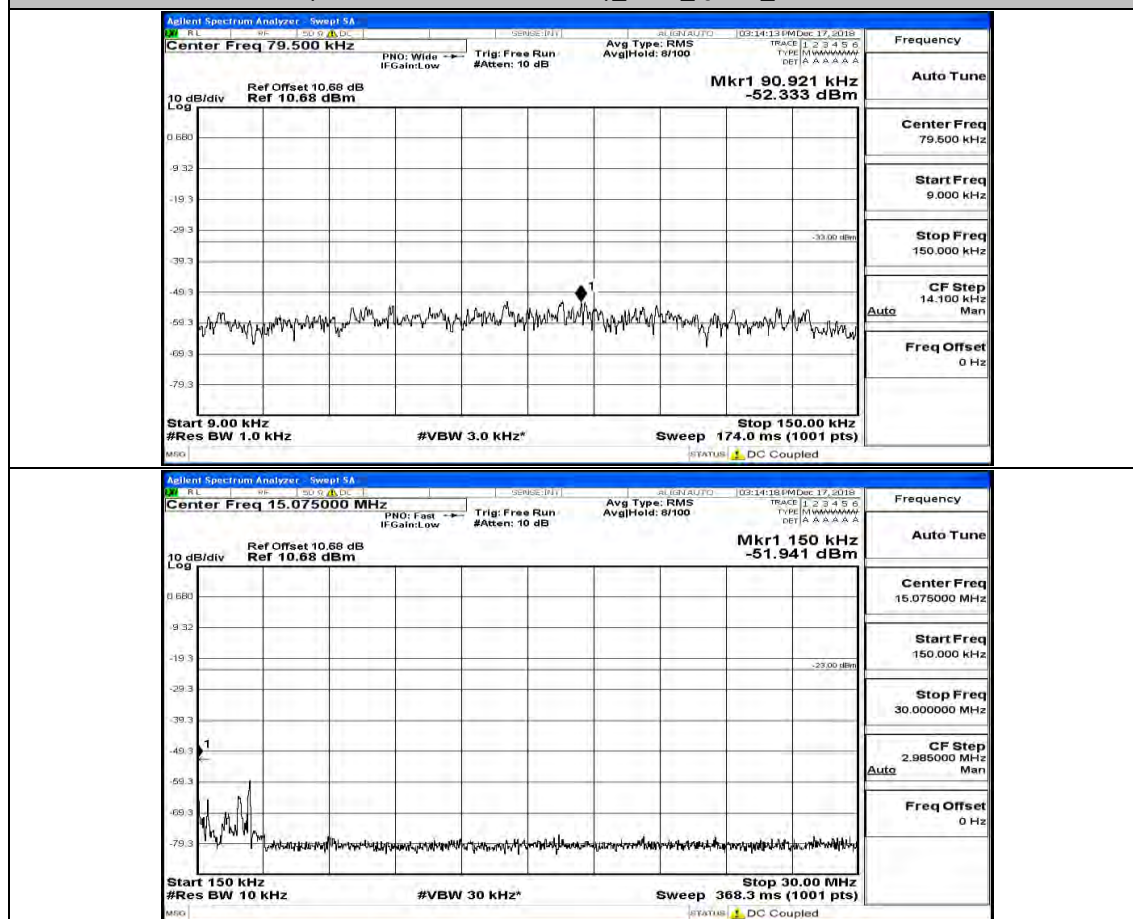


(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



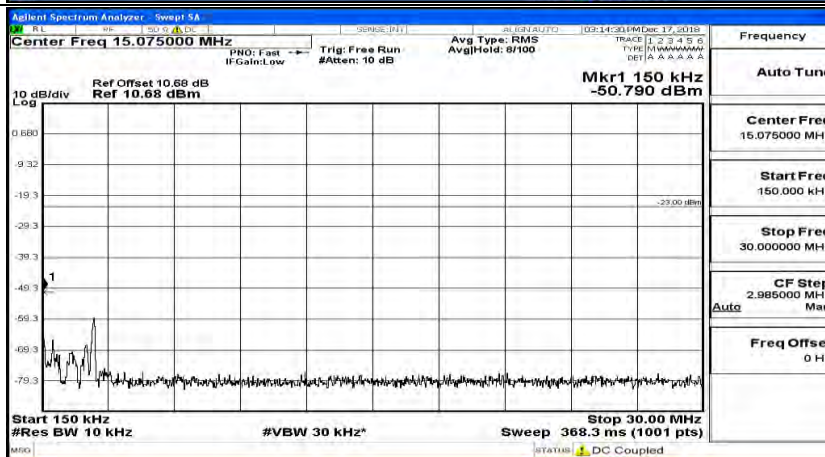
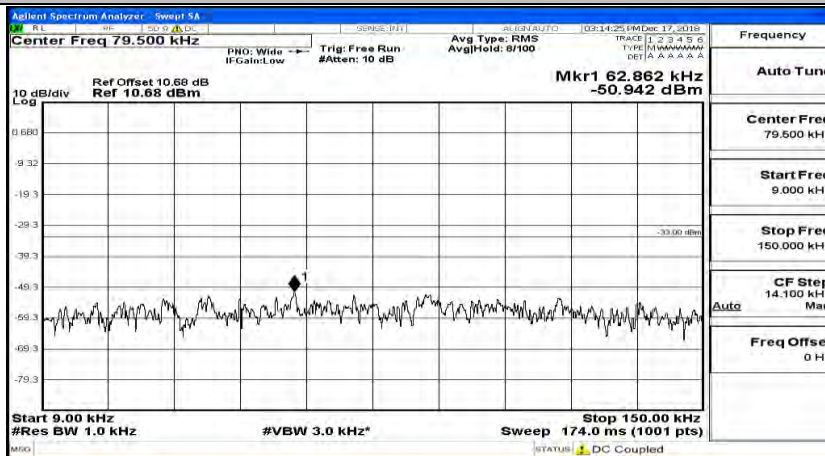


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

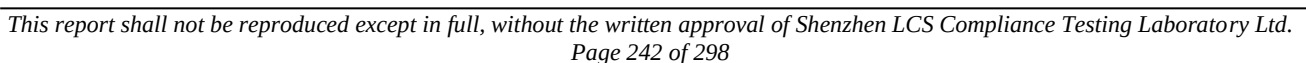


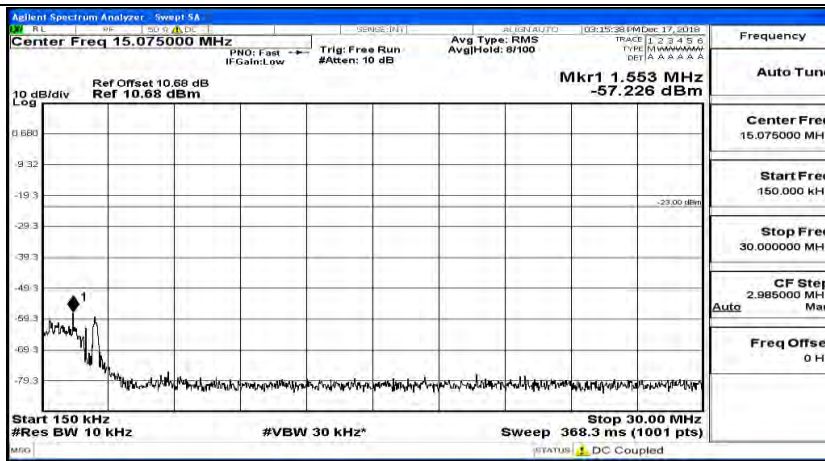


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

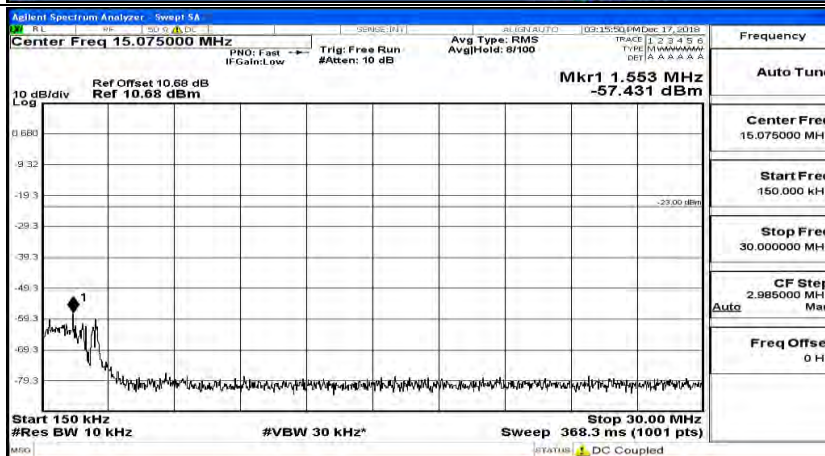
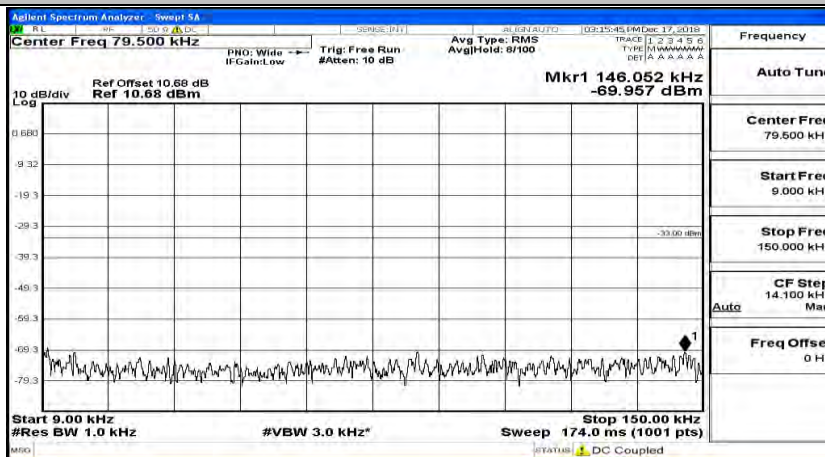


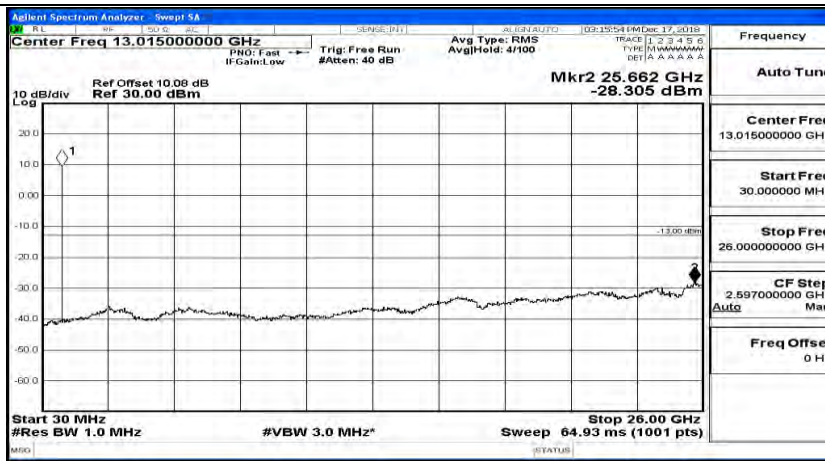
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



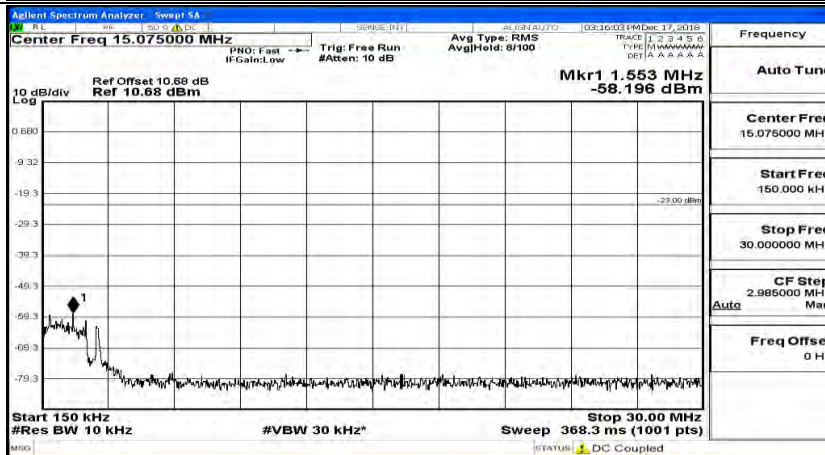
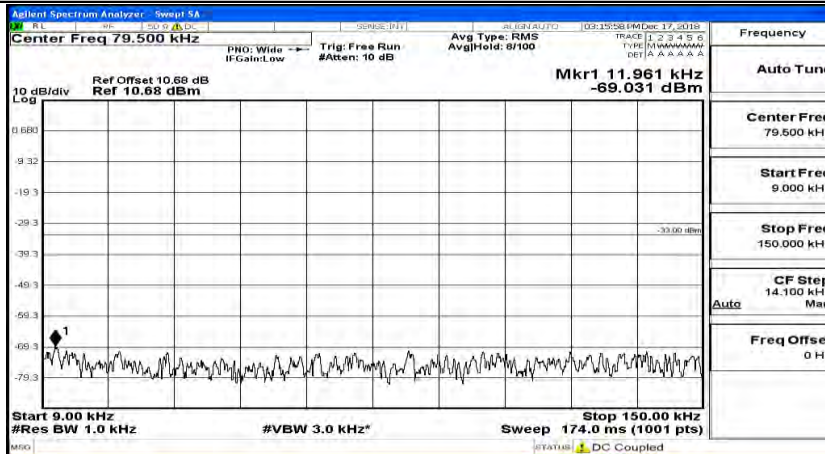


(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#6

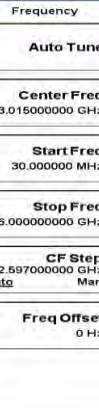




(Channel Bandwidth: 5 MHz)_MCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



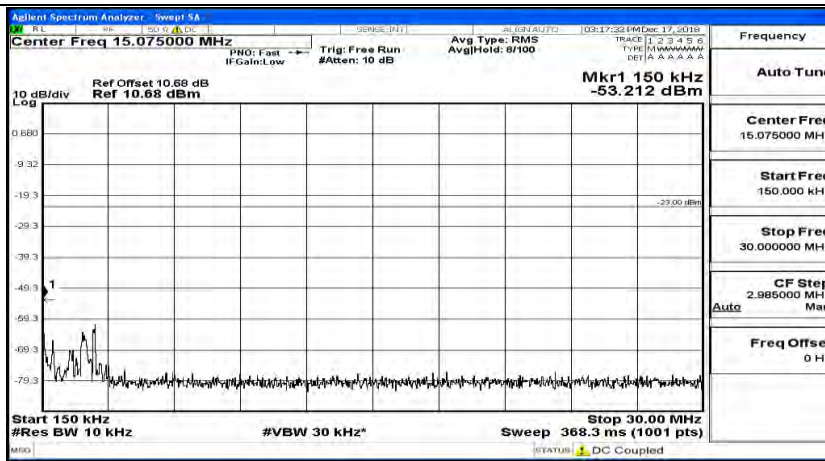
Rohde & Schwarz Spectrum Analyzer - Sweep SA

Freq: 79.500 kHz
PRF: Wide → IF Gain: Low
Trig: Free Run #Atten: 10 dB
Avg Type: RMS Avg Hold: 9/100
Mkr1 90.498 kHz -52.385 dBm

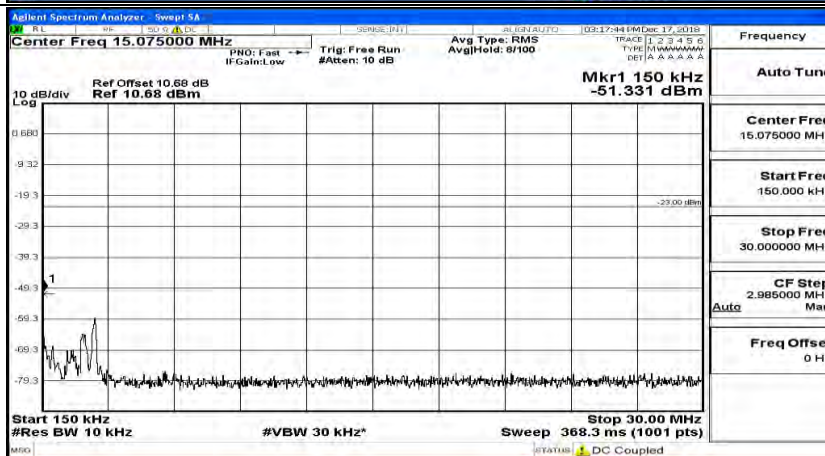
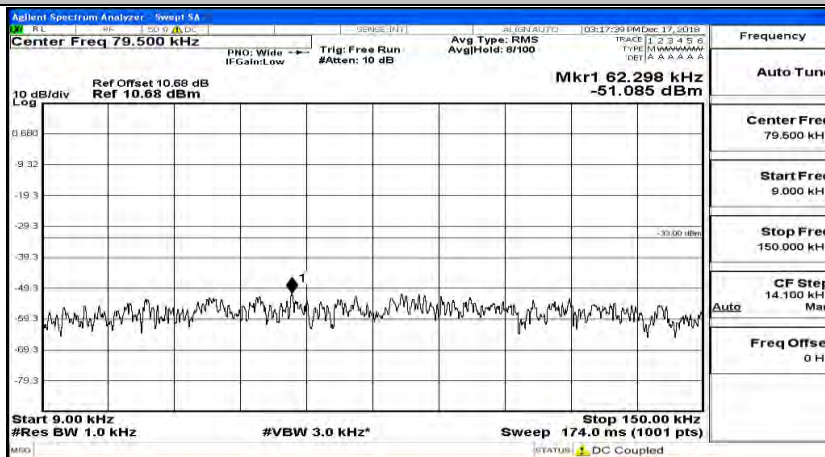
10 dB/div Log
Ref Offset 10.68 dB Ref 10.68 dBm

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 Mar Auto Freq Offset 0 Hz

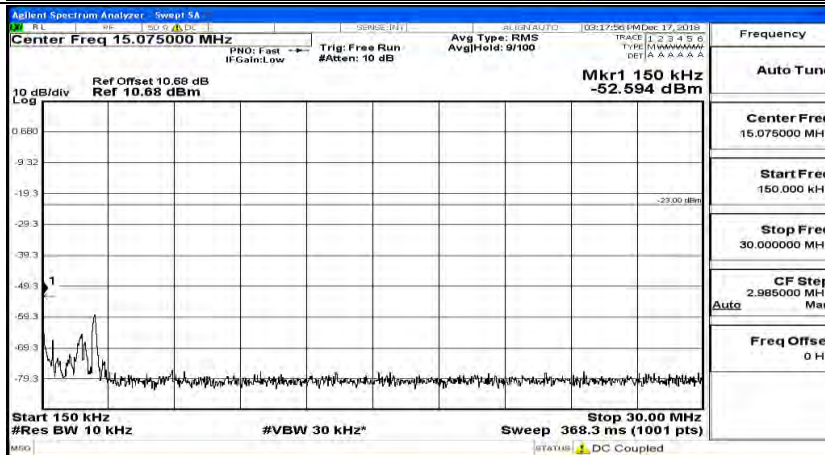
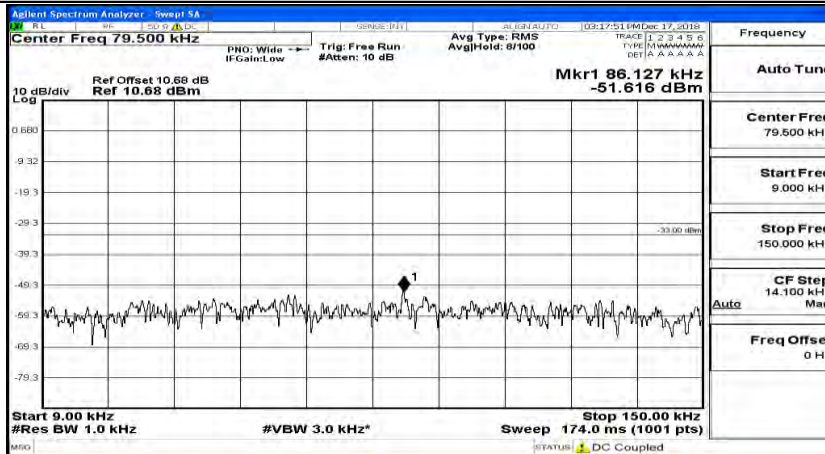


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

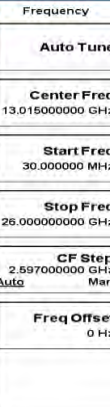
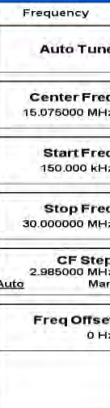




(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz) HCH QPSK 12RB#6

