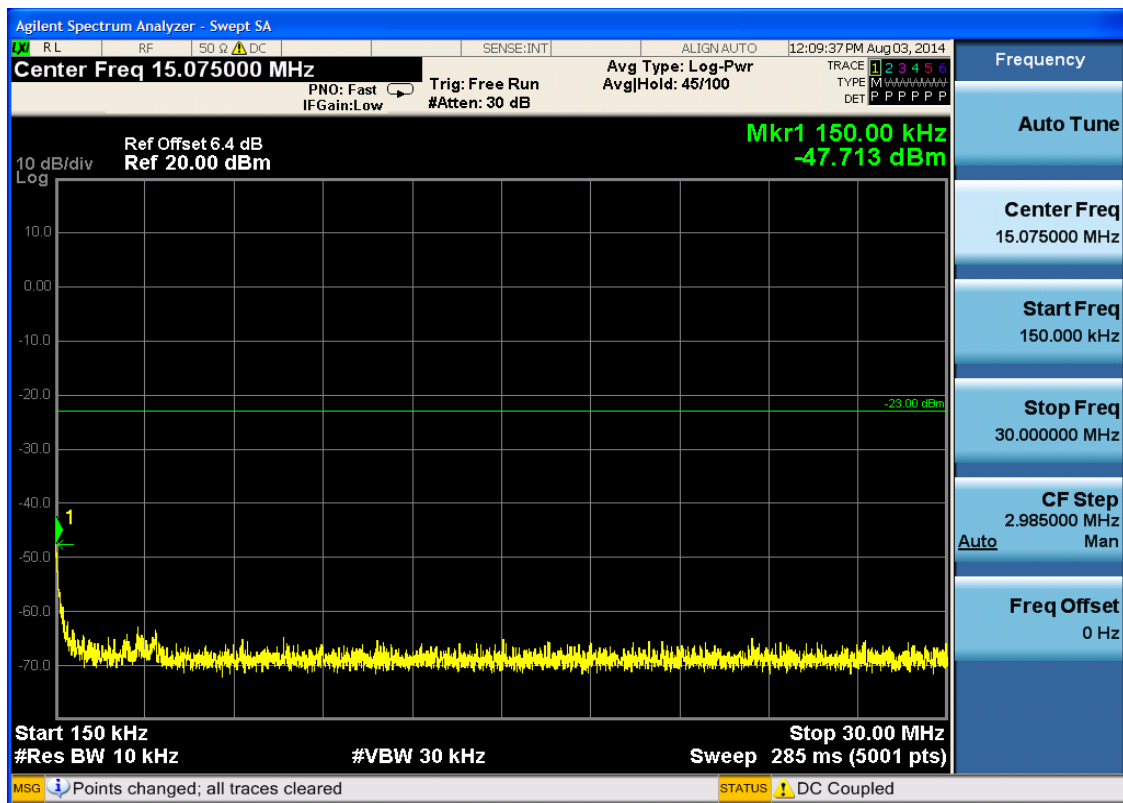
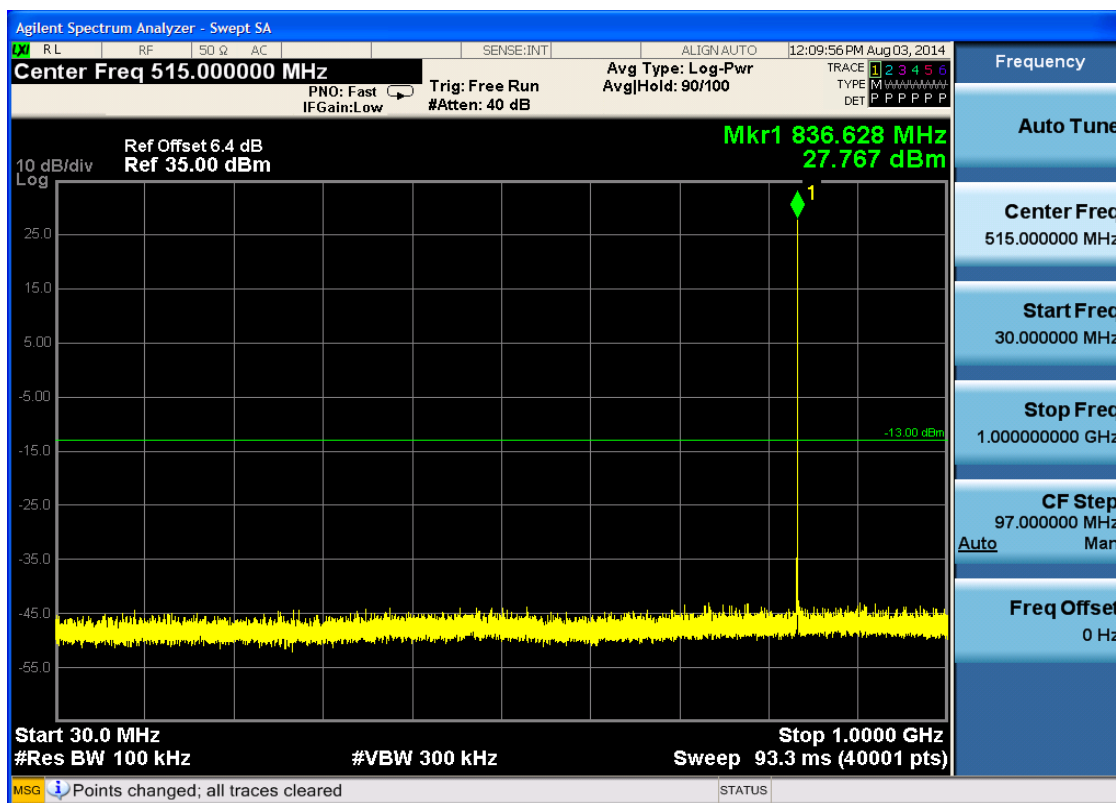
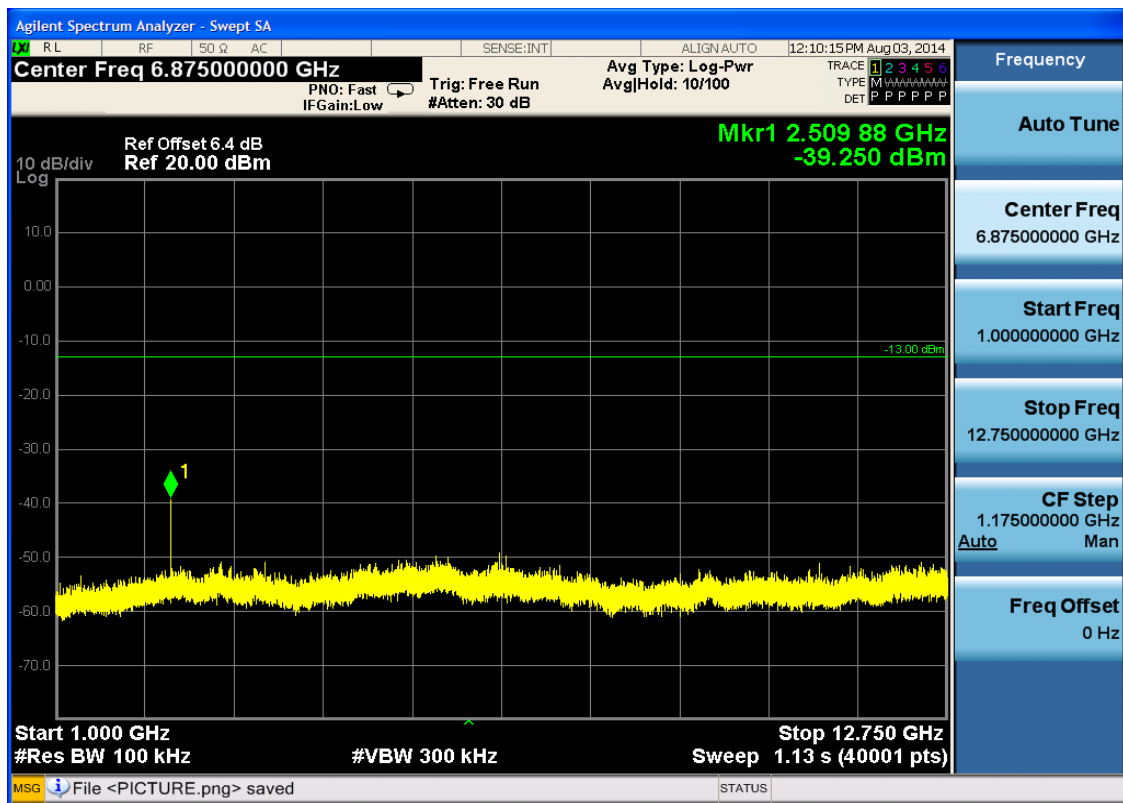


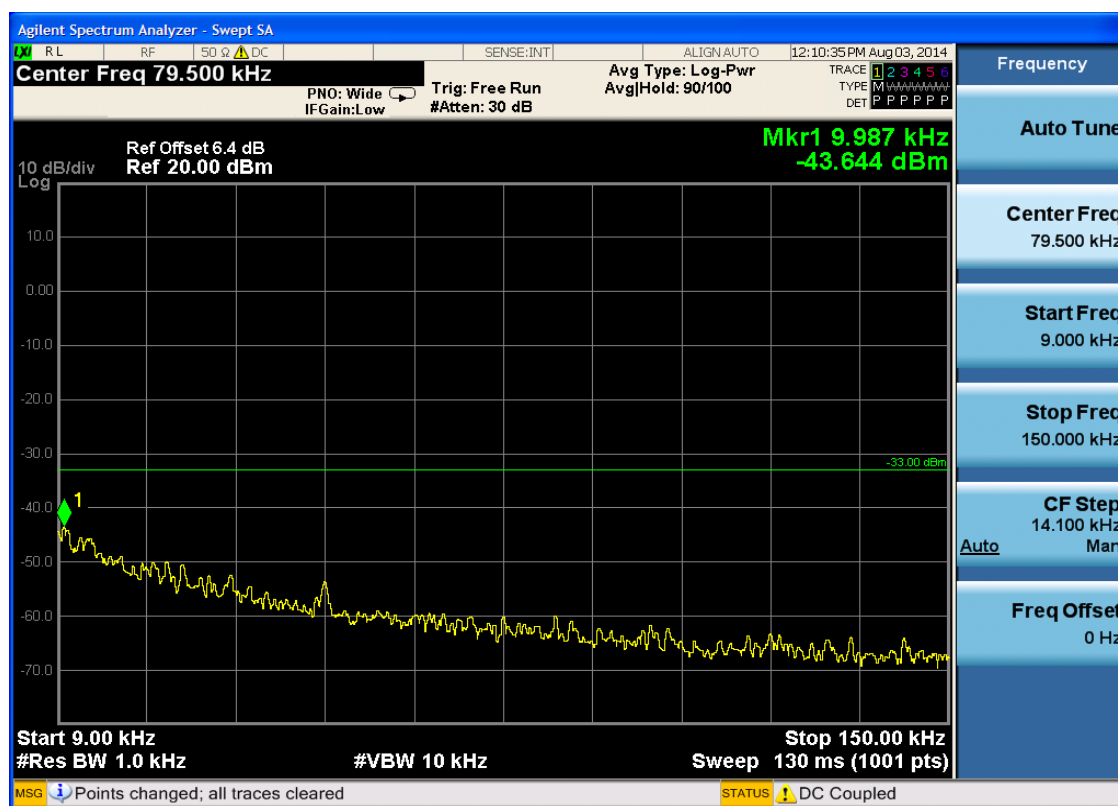


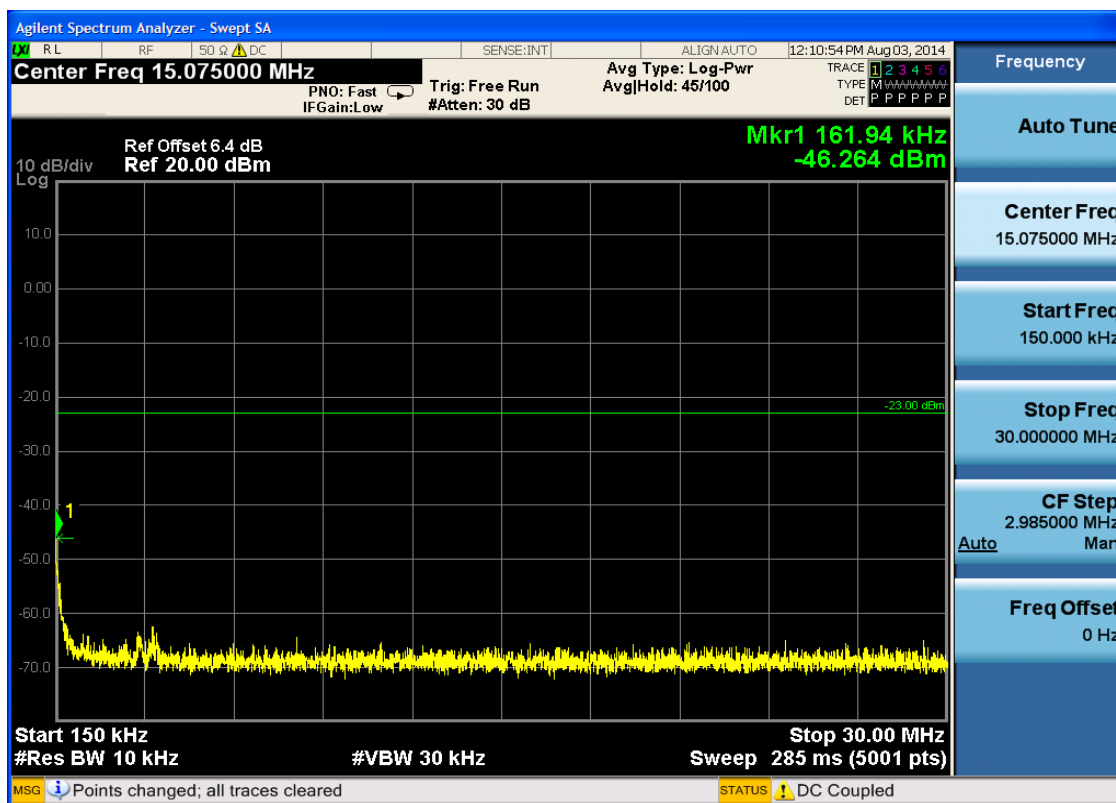


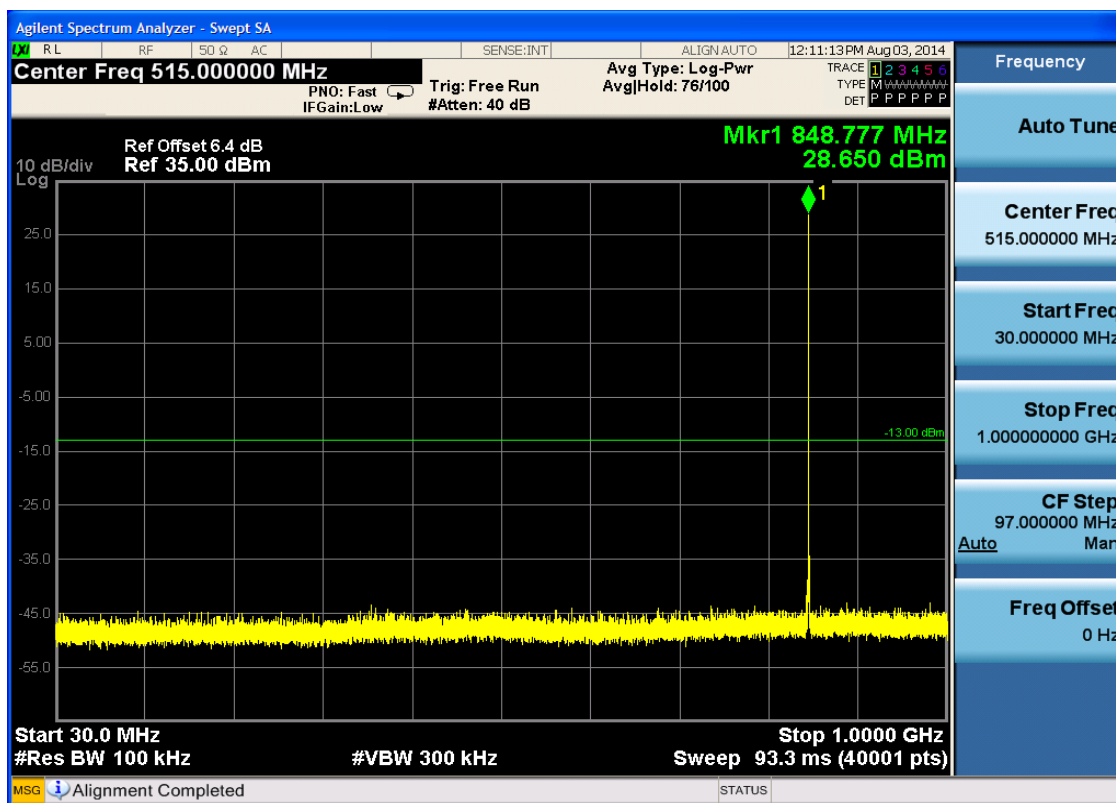


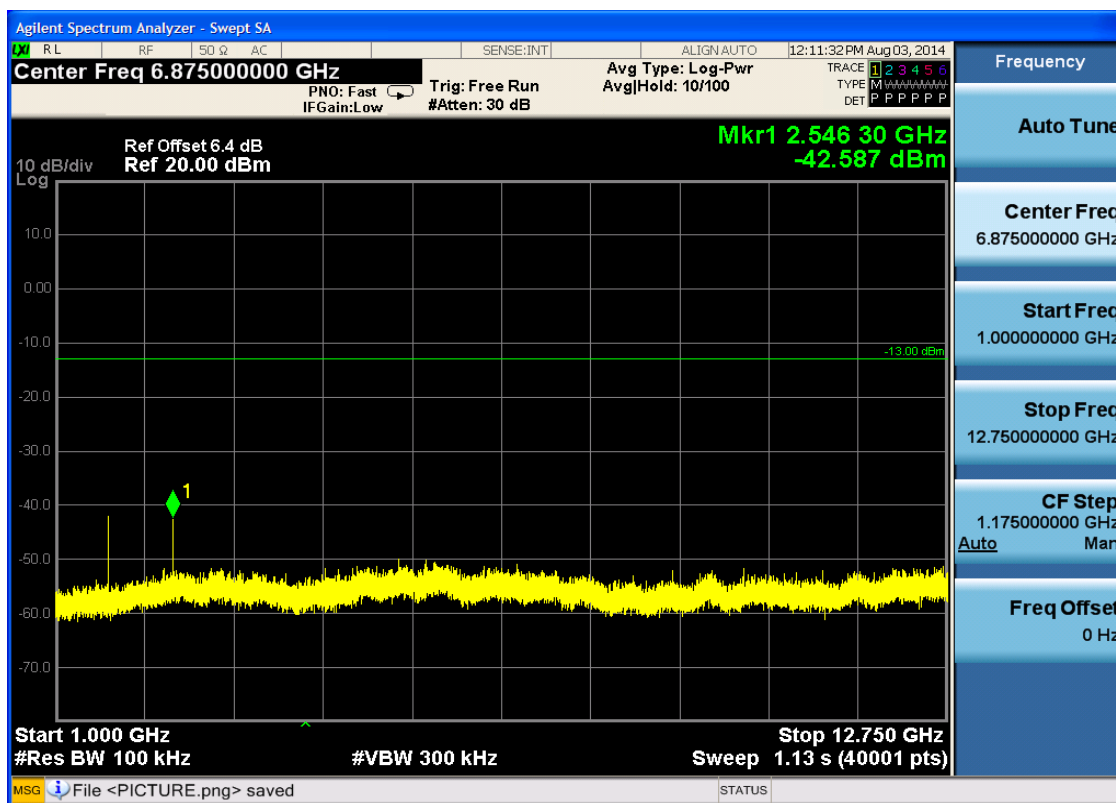


6.1.1.2.3 Test Channel = HCH







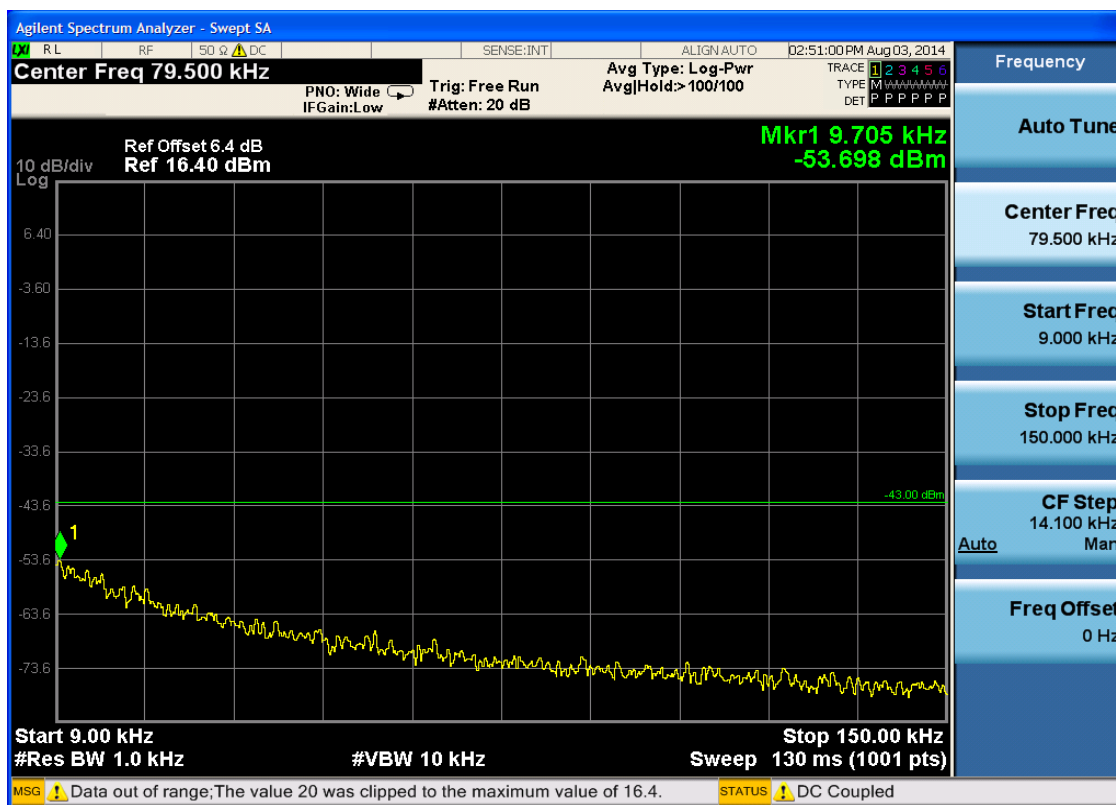


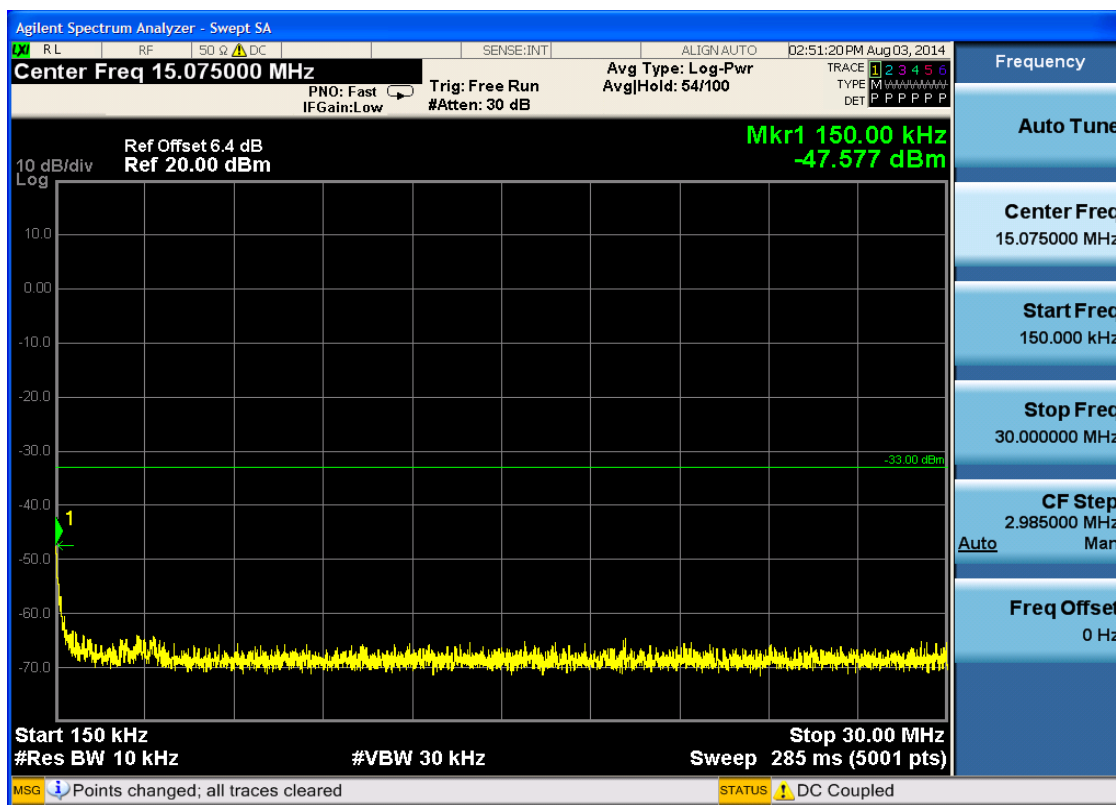


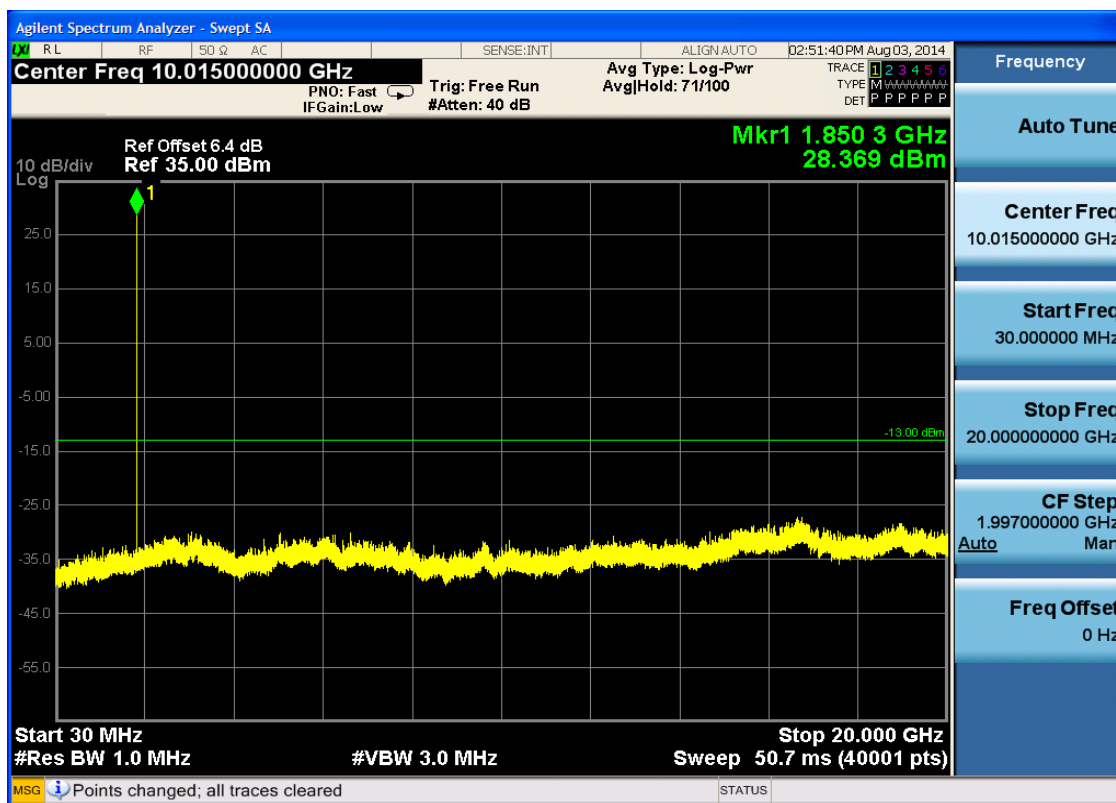
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 02:52:01 PM Aug 03, 2014

Center Freq 79.500 kHz PNO: Wide IFGain:Low Trig: Free Run Avg Type: Log-Pwr Avg|Hold> 100/100

TRACE 1 2 3 4 5 6 TYPE M M M M M M M M DET P P P P P P

Ref Offset 6.4 dB Ref 16.40 dBM Mkr1 9.000 kHz -54.460 dBm

10 dB/div Log

6.40 -3.60 -13.6 -23.6 -33.6 -43.6 -53.6 -63.6 -73.6

Start 9.00 kHz Stop 150.00 kHz #Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

Frequency

Auto Tune

Center Freq 79.500 kHz

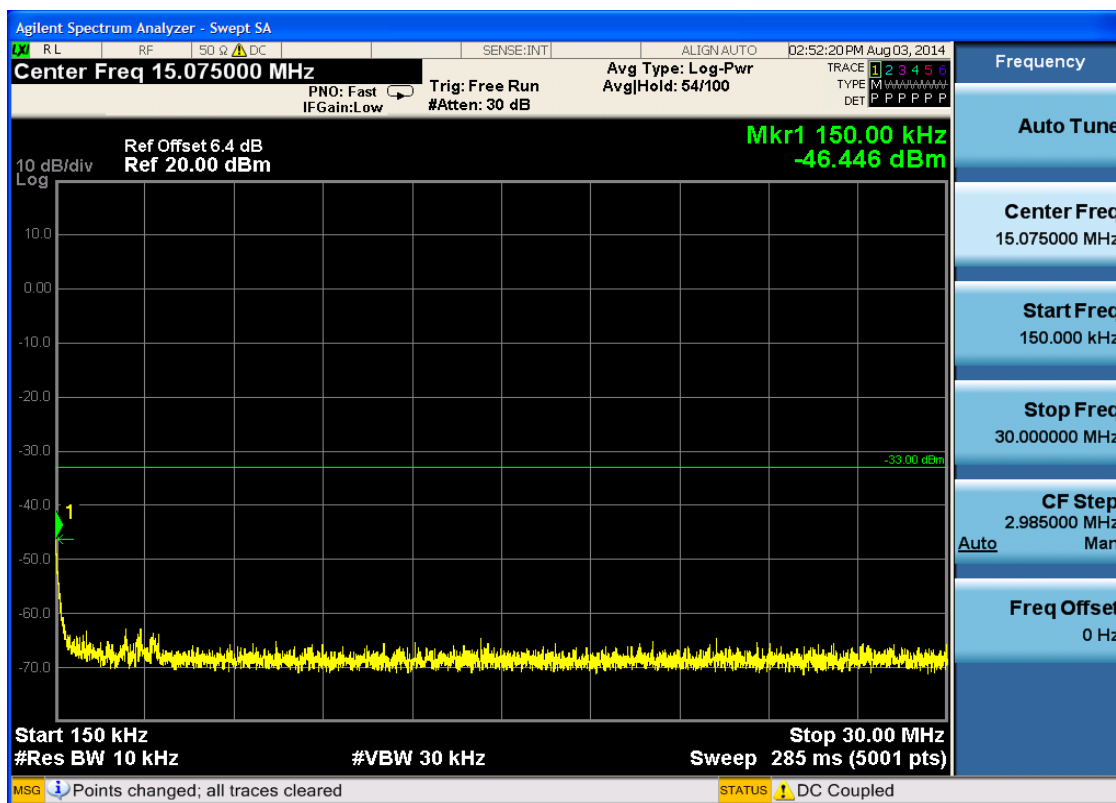
Start Freq 9.000 kHz

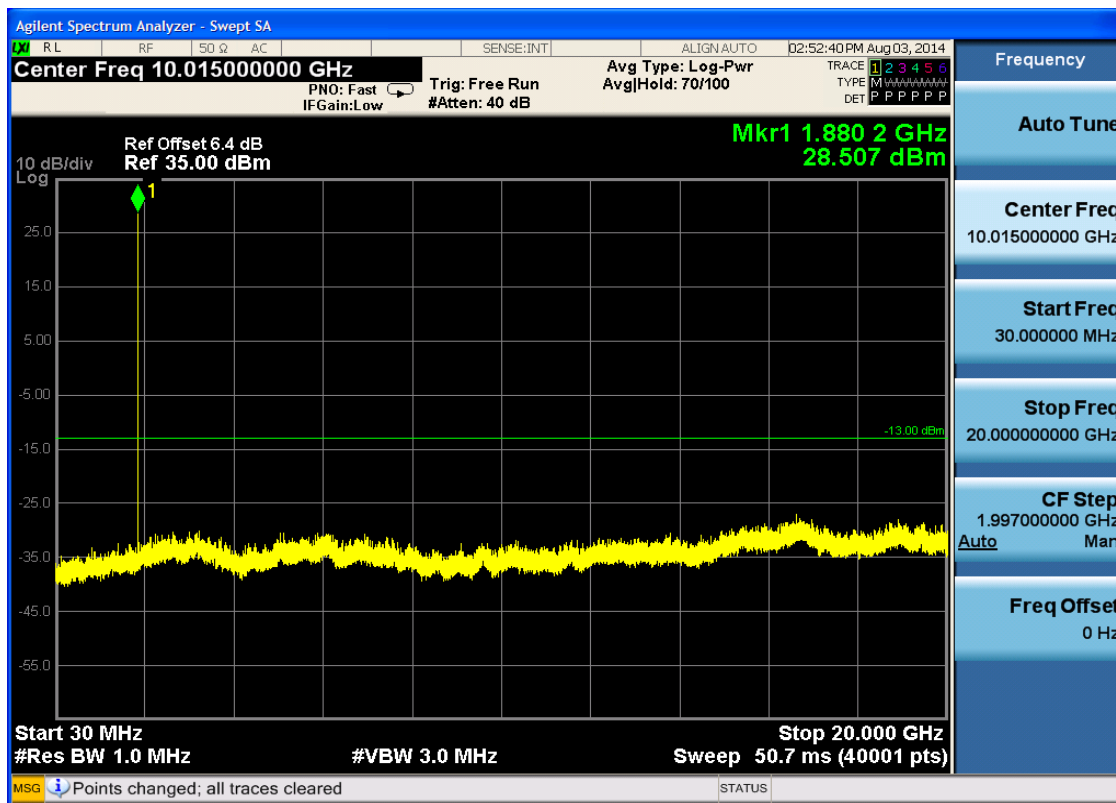
Stop Freq 150.000 kHz

CF Step 14.100 kHz Man

Auto

Freq Offset 0 Hz







Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 02:53:01PM Aug 03, 2014

Center Freq 79.500 kHz PNO: Wide Trg: Free Run Avg Type: Log-Pwr AvgHold>100/100

IFGain:Low #Atten: 20 dB TYPE M DET P P P P P

Ref Offset 6.4 dB Mkr1 10.269 kHz
Ref 16.40 dBm -54.356 dBm

10 dB/div Log

6.40
-3.60
-23.6
-33.6
-43.6
-53.6
-63.6
-73.6

-43.00 dBm

Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

Frequency

Auto Tune

Center Freq 79.500 kHz

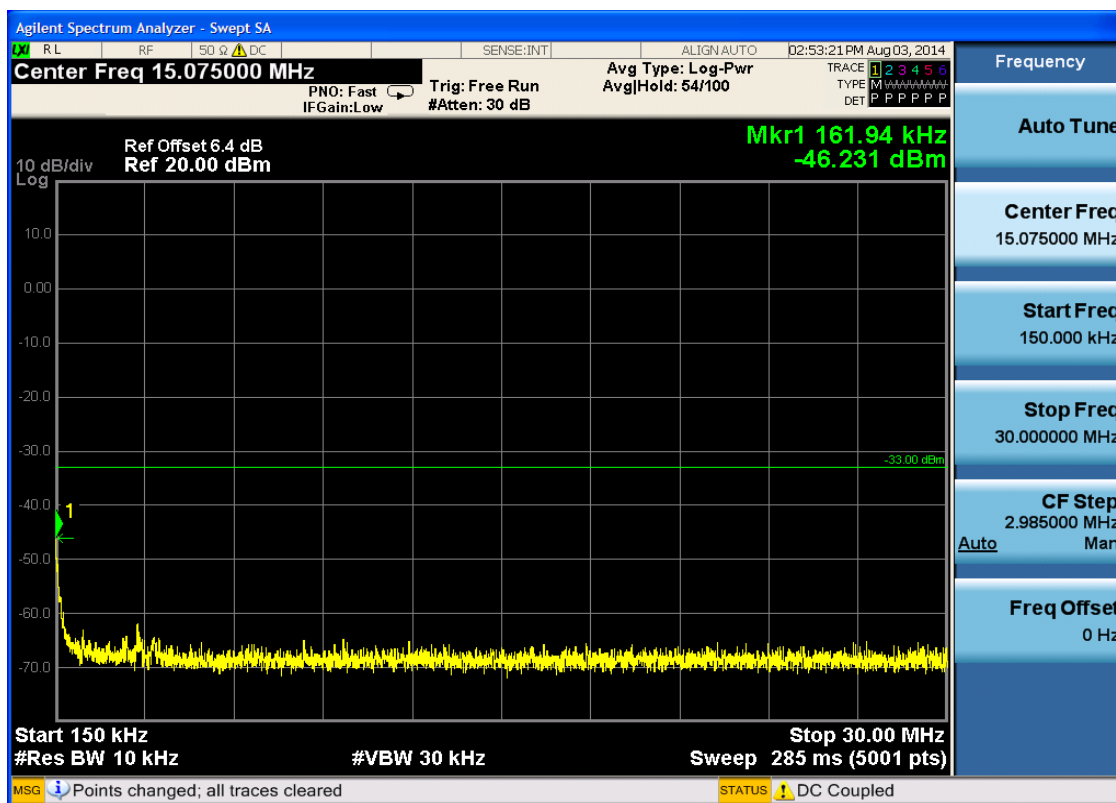
Start Freq 9.000 kHz

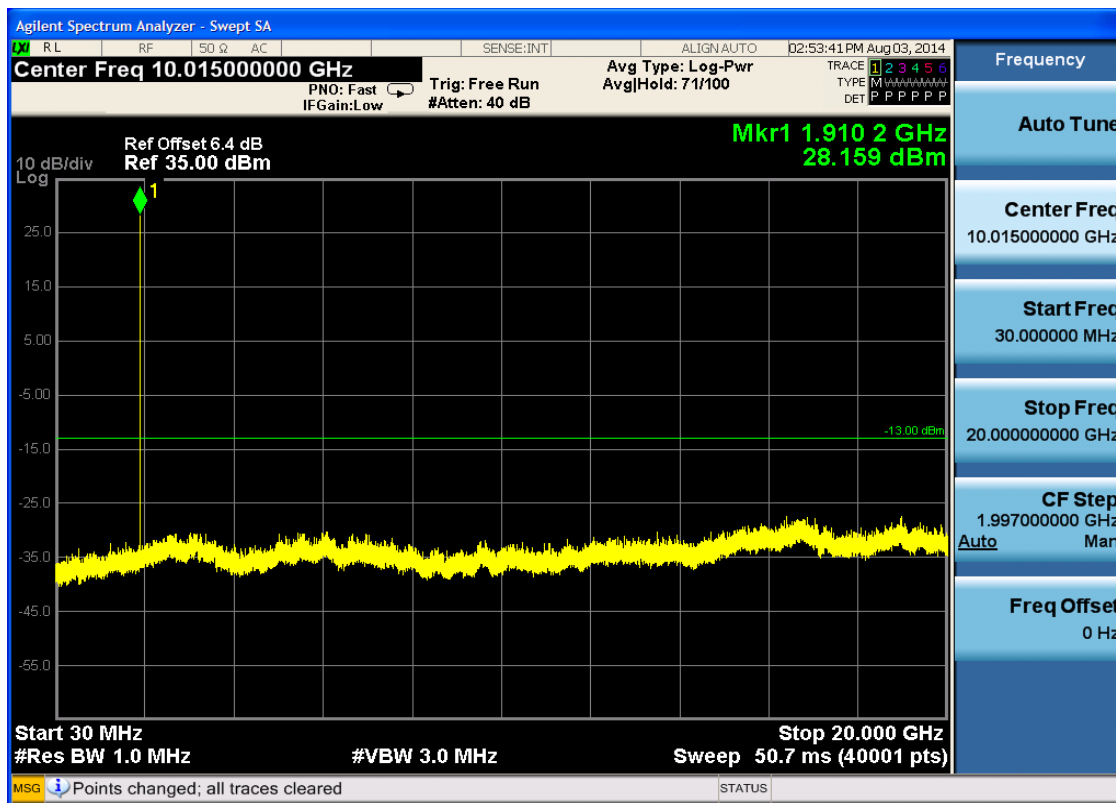
Stop Freq 150.000 kHz

CF Step 14.100 kHz

Auto

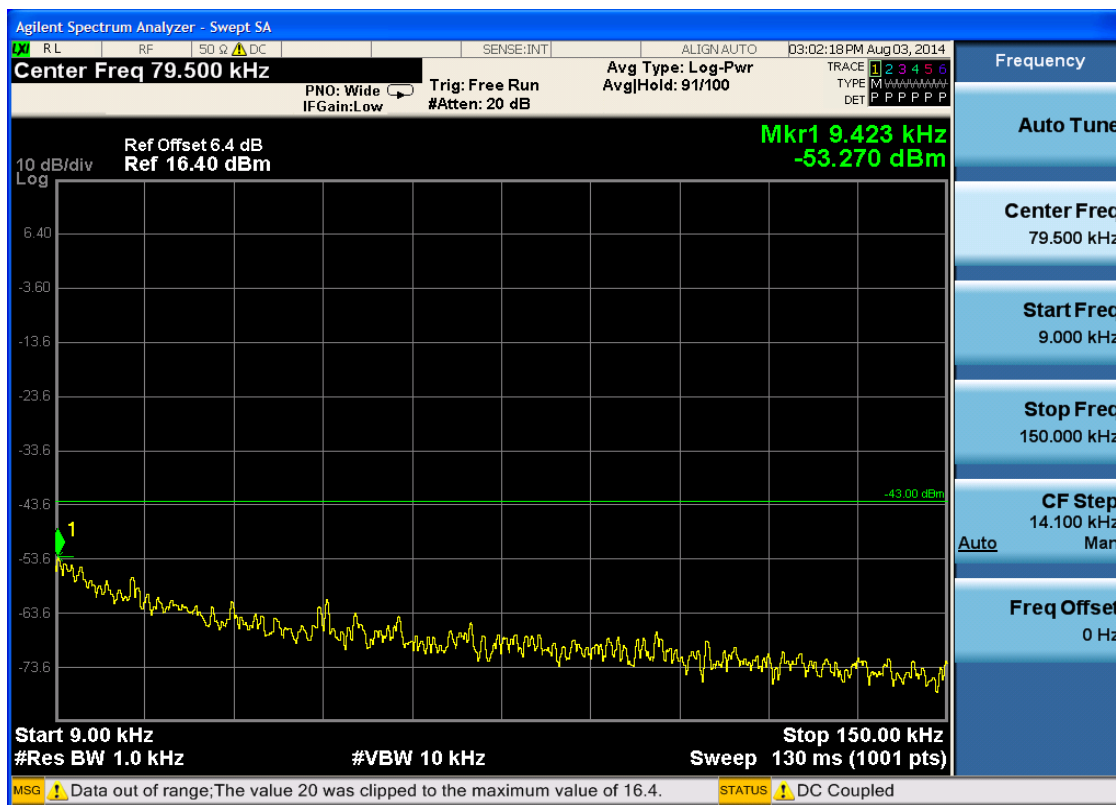
Freq Offset 0 Hz

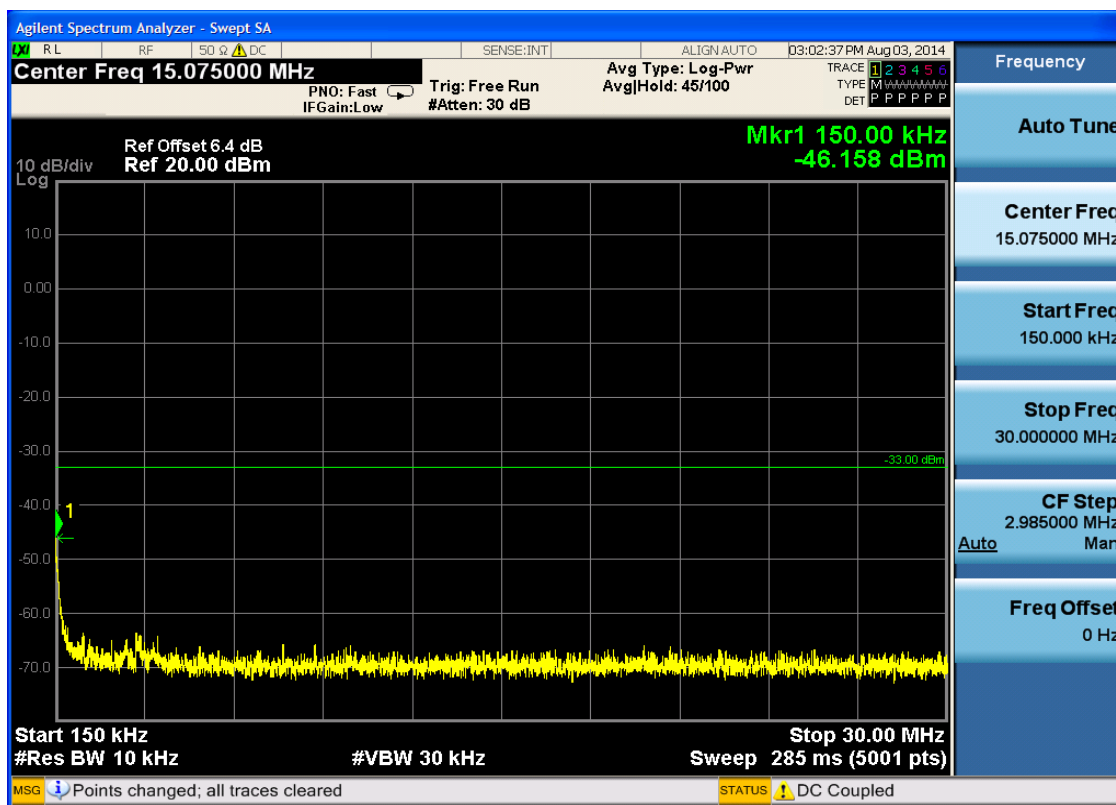


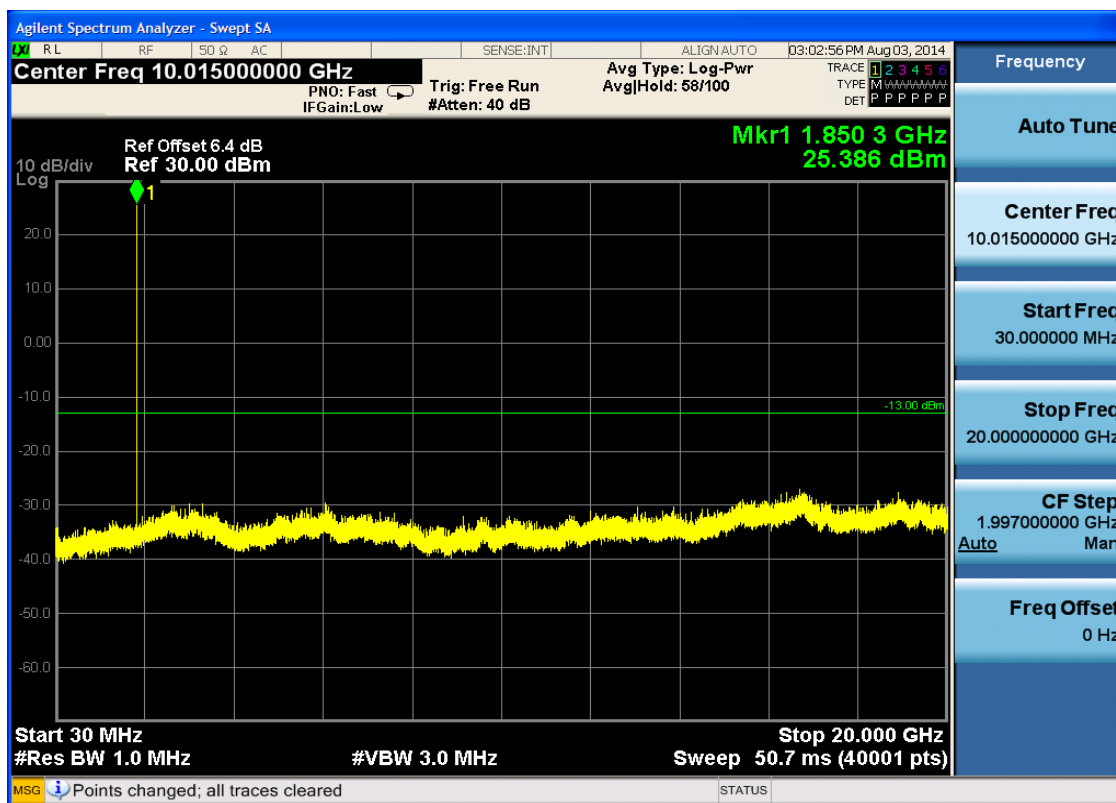


6.1.2.2 Test Mode = GSM/TM2

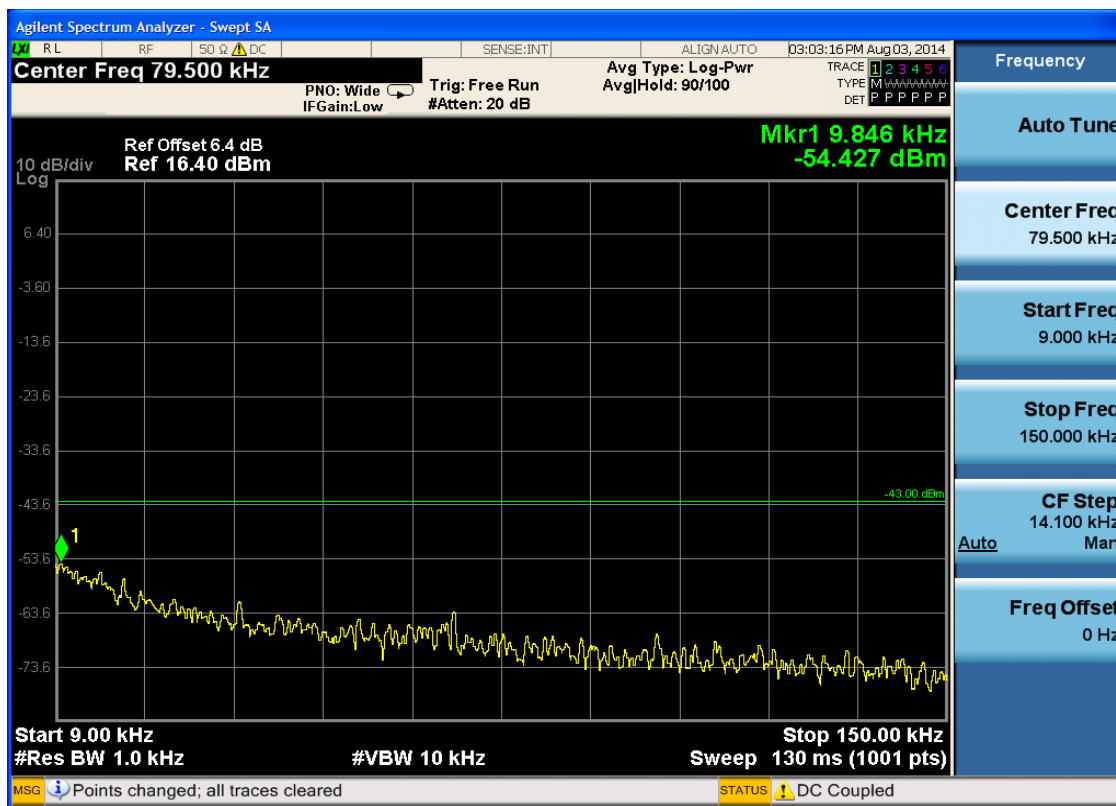
6.1.2.2.1 Test Channel = LCH

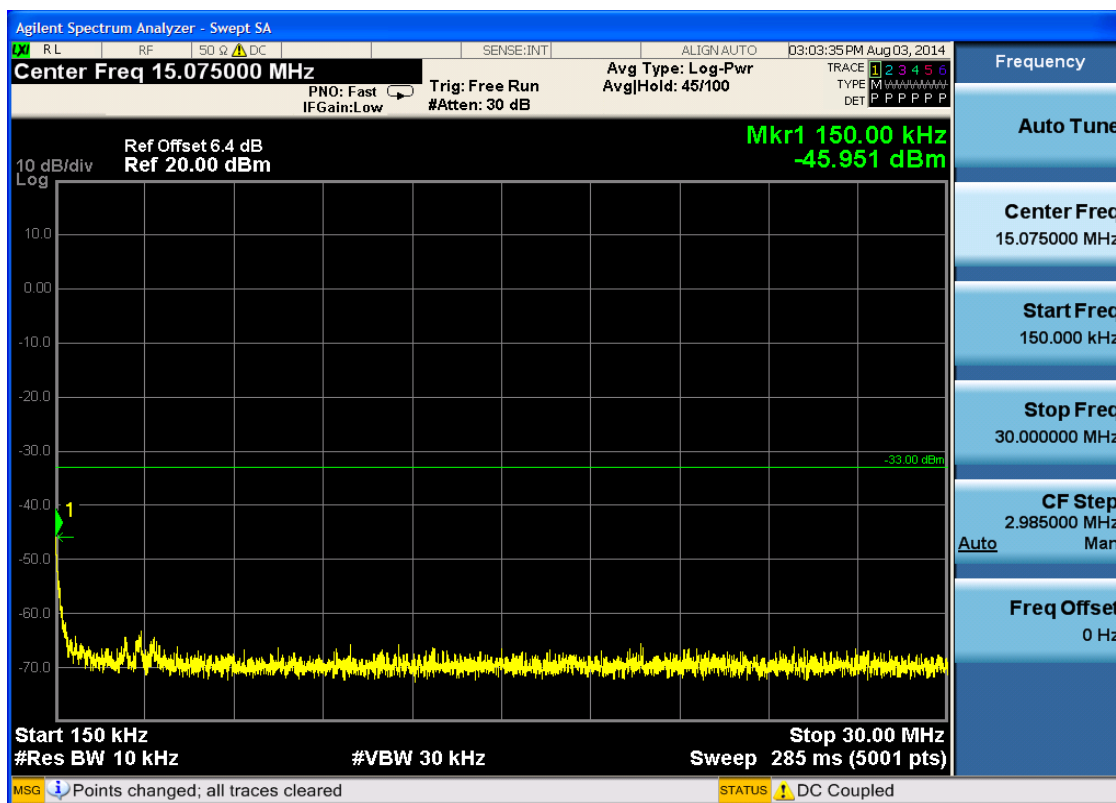


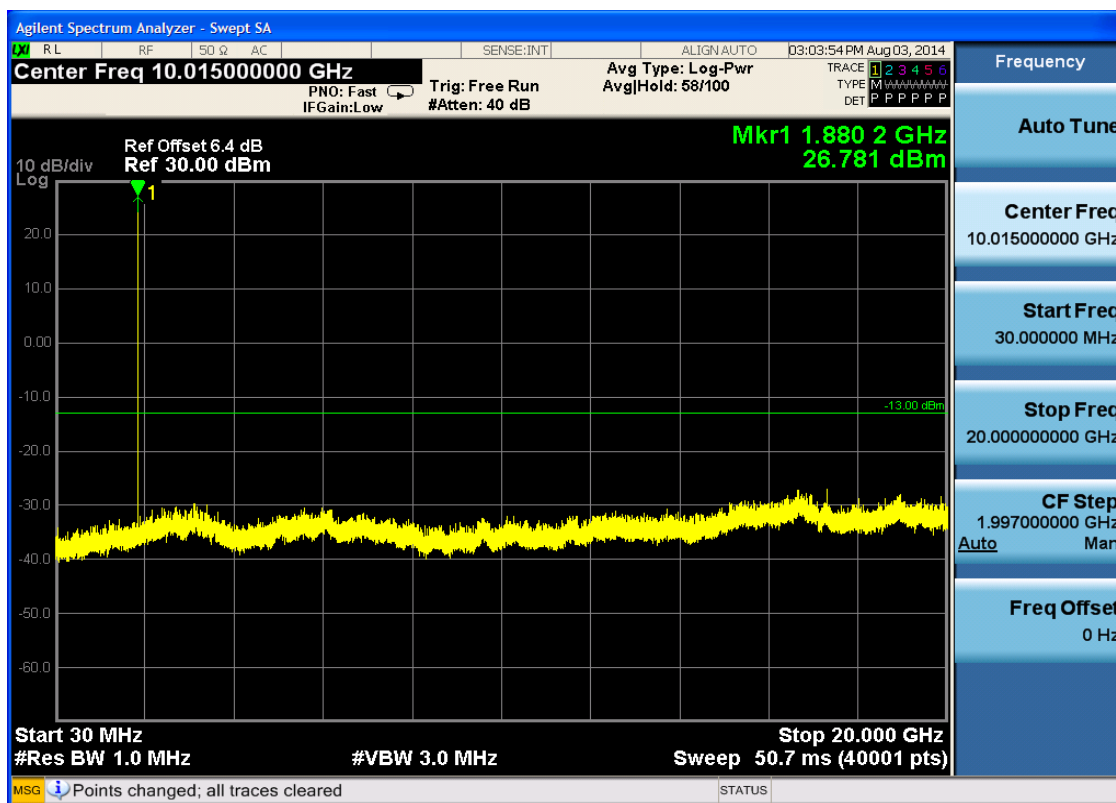




6.1.2.2.2 Test Channel = MCH









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 03:04:14 PM Aug 03, 2014

Center Freq 79.500 kHz PNO: Wide Trg: Free Run Avg Type: Log-Pwr AvgHold: 90/100

IFGain:Low #Atten: 20 dB TRACE 1 2 3 4 5 6 TYPE M P P P P P P DET P P P P P P P

Ref Offset 6.4 dB Mkr1 10.128 kHz
Ref 16.40 dBm -52.528 dBm

10 dB/div Log

6.40
-3.60
-13.6
-23.6
-33.6
-43.6
-53.6
-63.6
-73.6

-43.00 dBm

Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

Frequency

Auto Tune

Center Freq
79.500 kHz

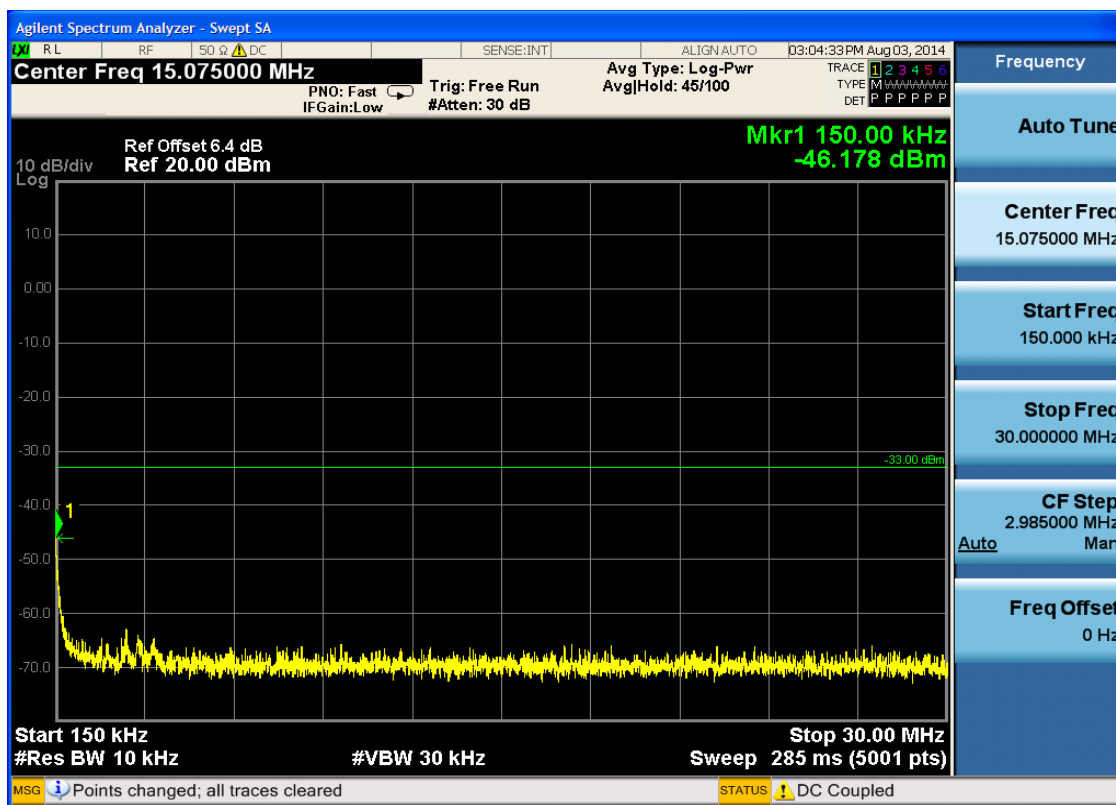
Start Freq
9.000 kHz

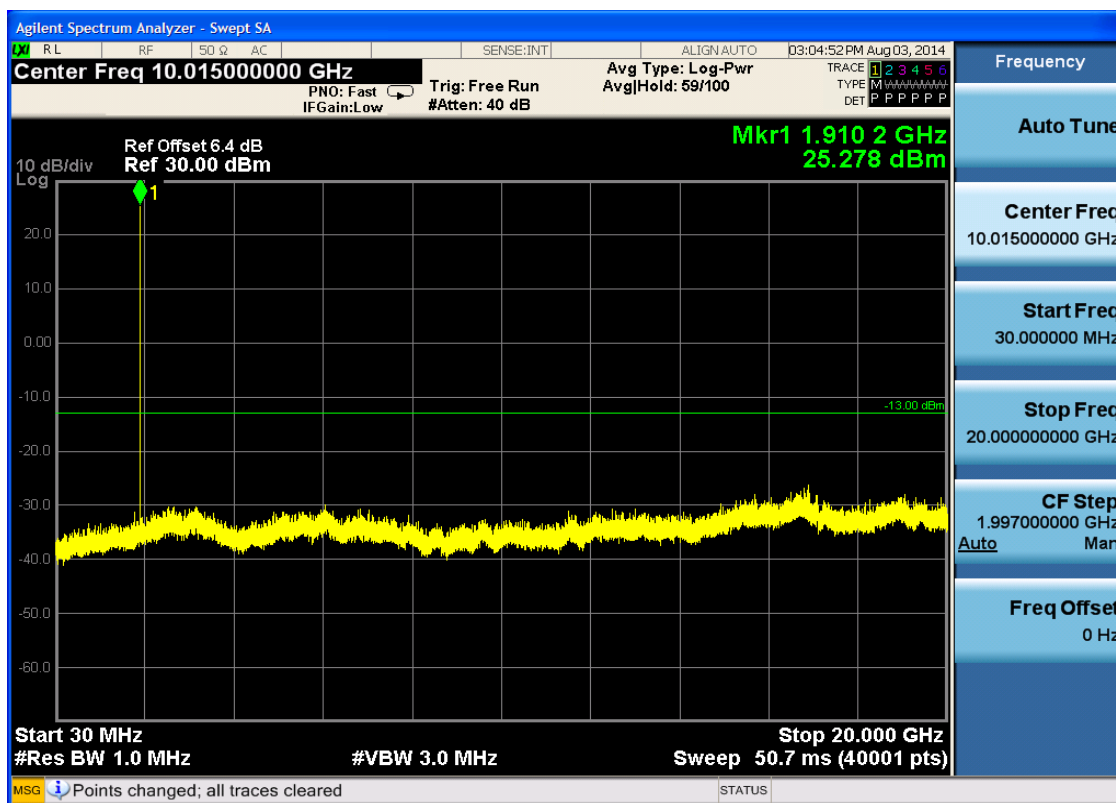
Stop Freq
150.000 kHz

CF Step
14.100 kHz
Man

Auto

Freq Offset
0 Hz



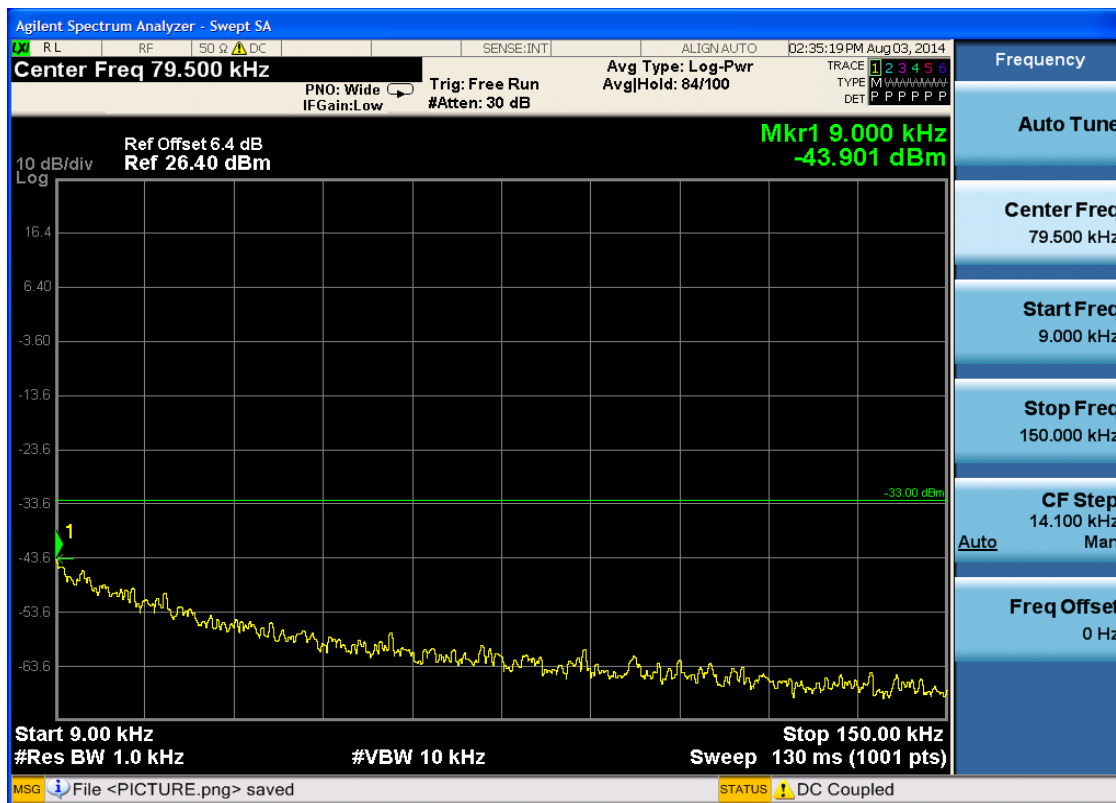


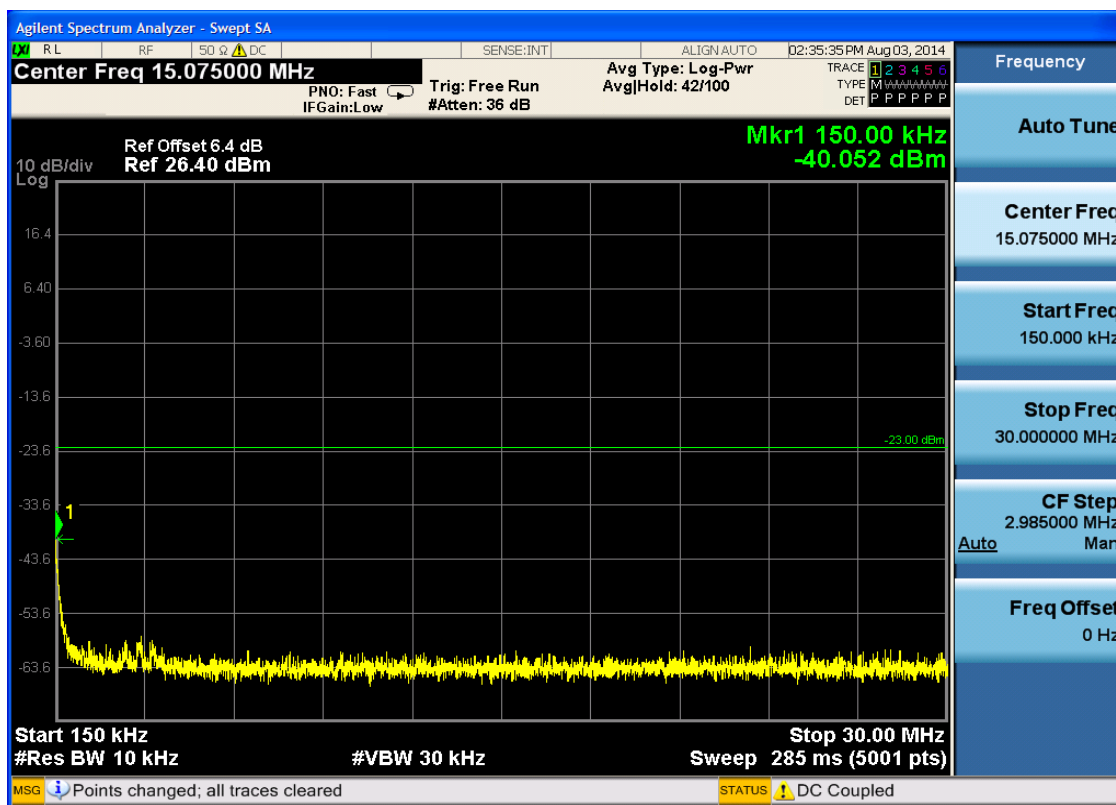
6.2 For UMTS

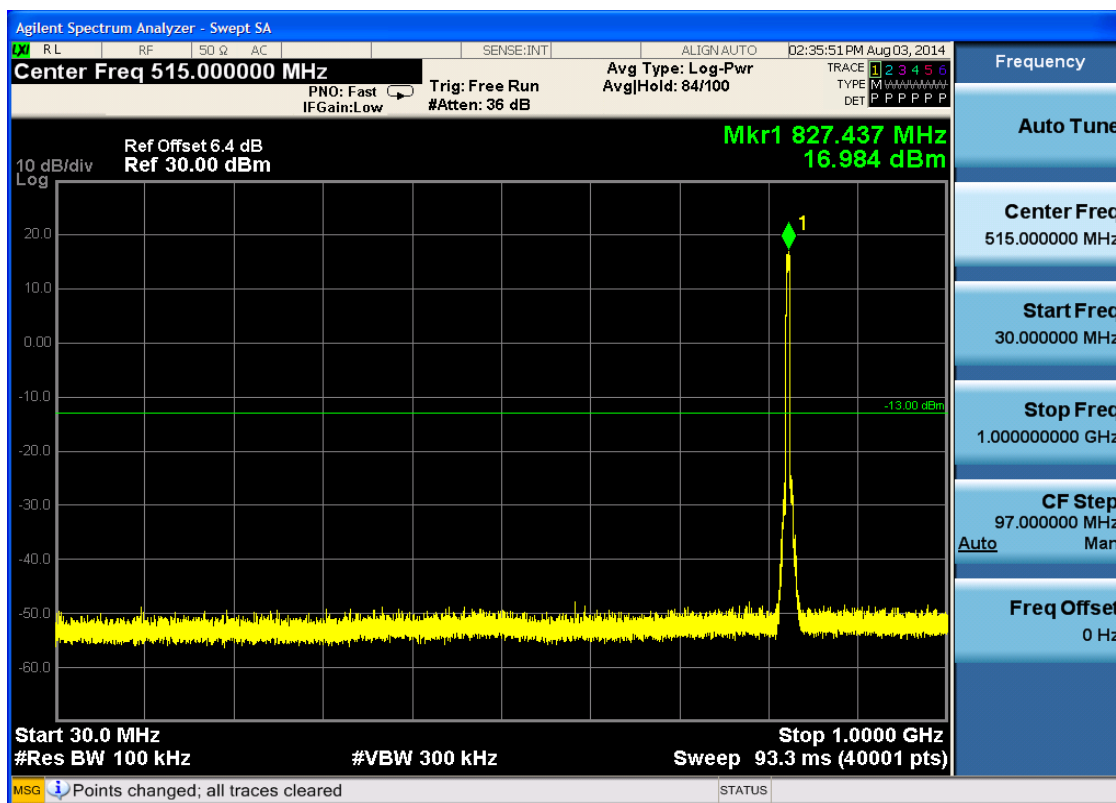
6.2.1 Test Band = WCDMA850

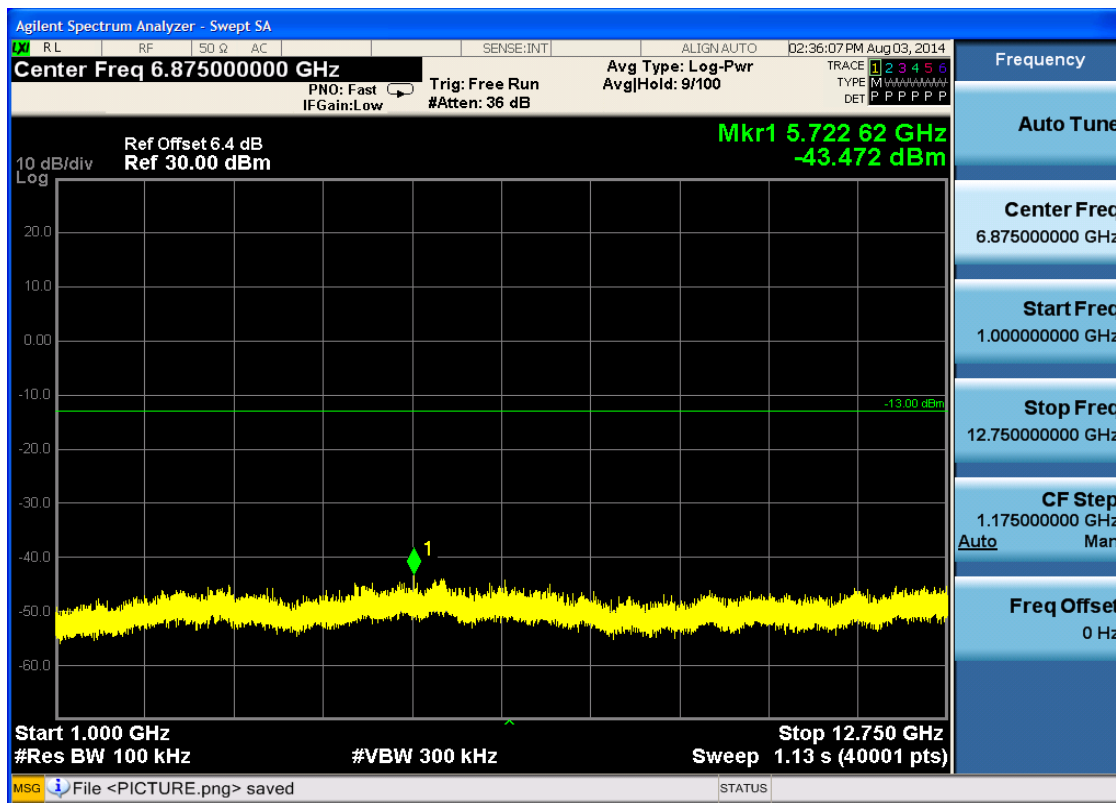
6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH

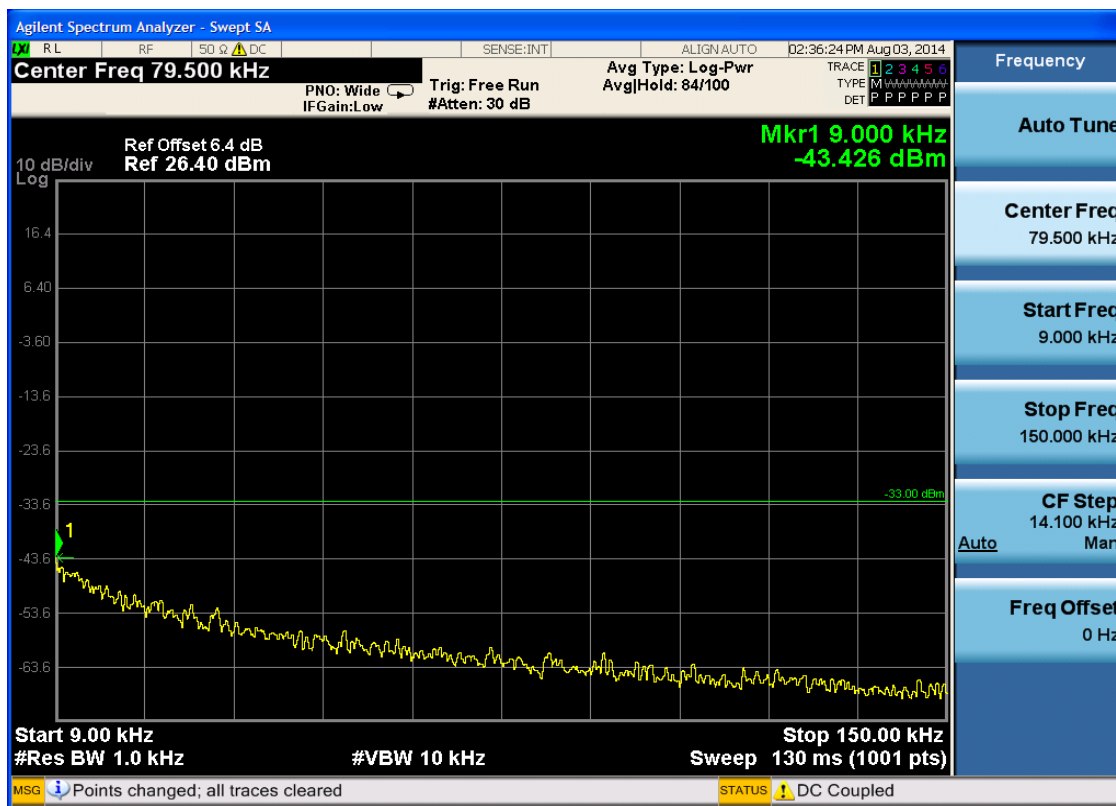


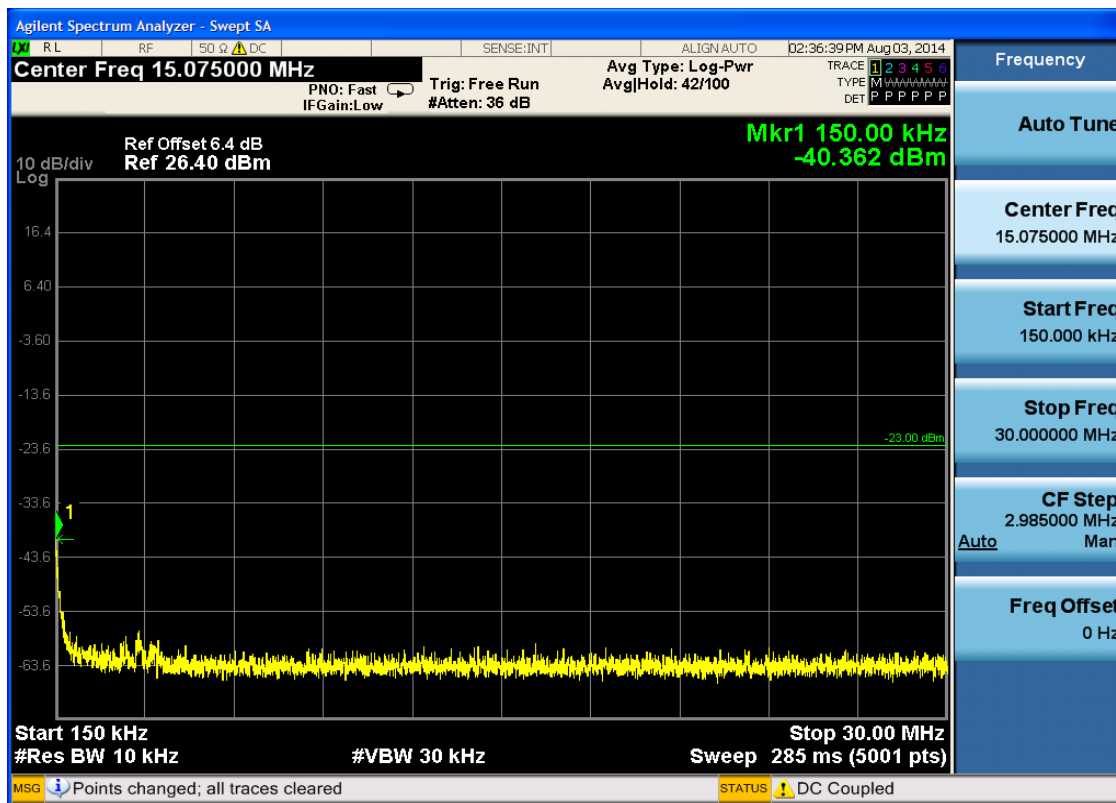


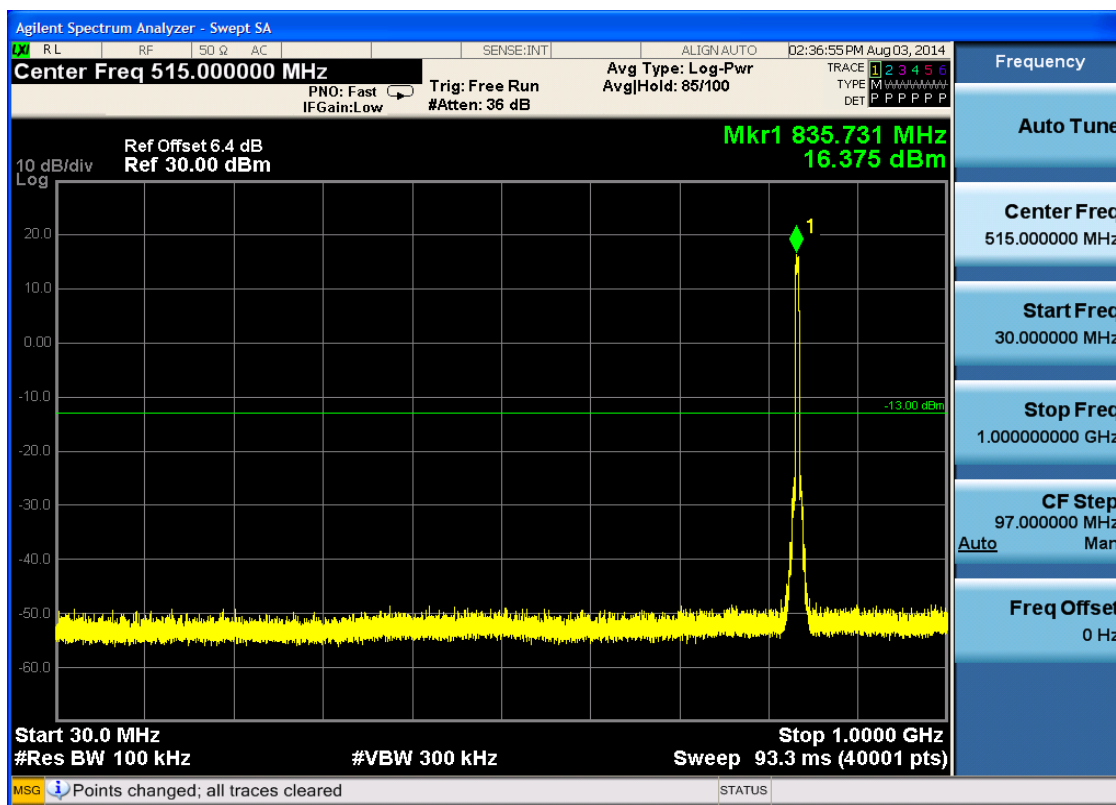


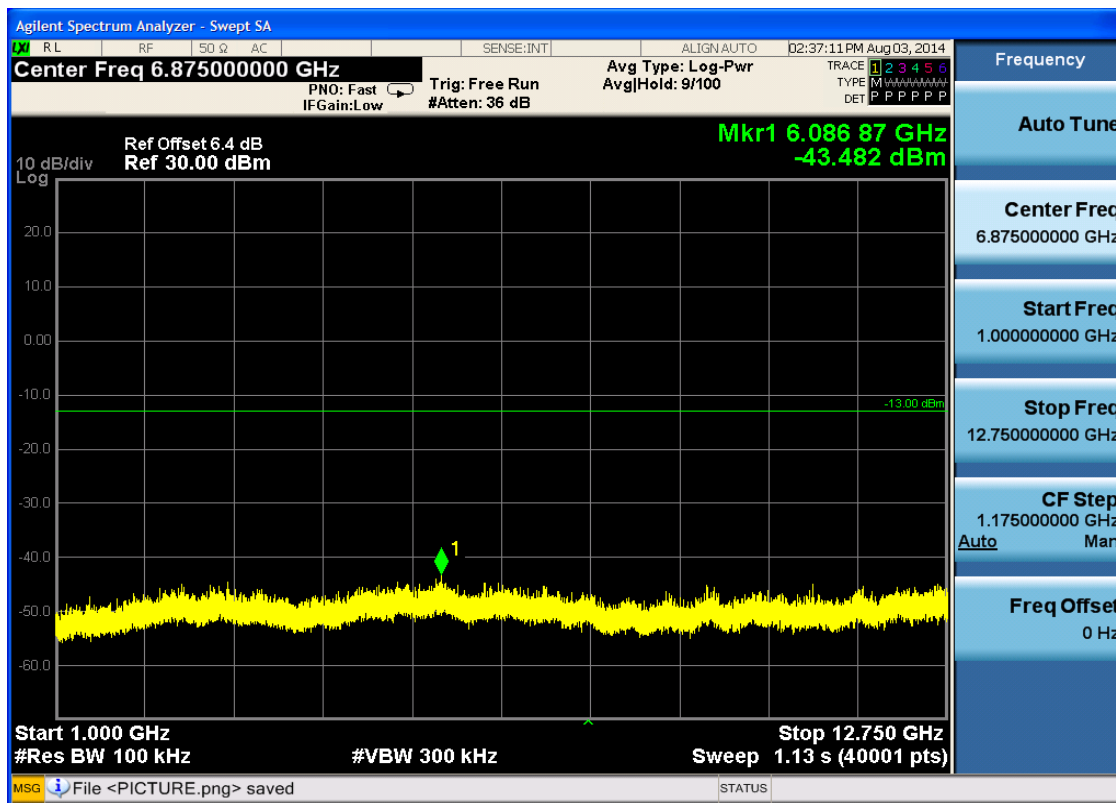


6.2.1.1.2 Test Channel = MCH

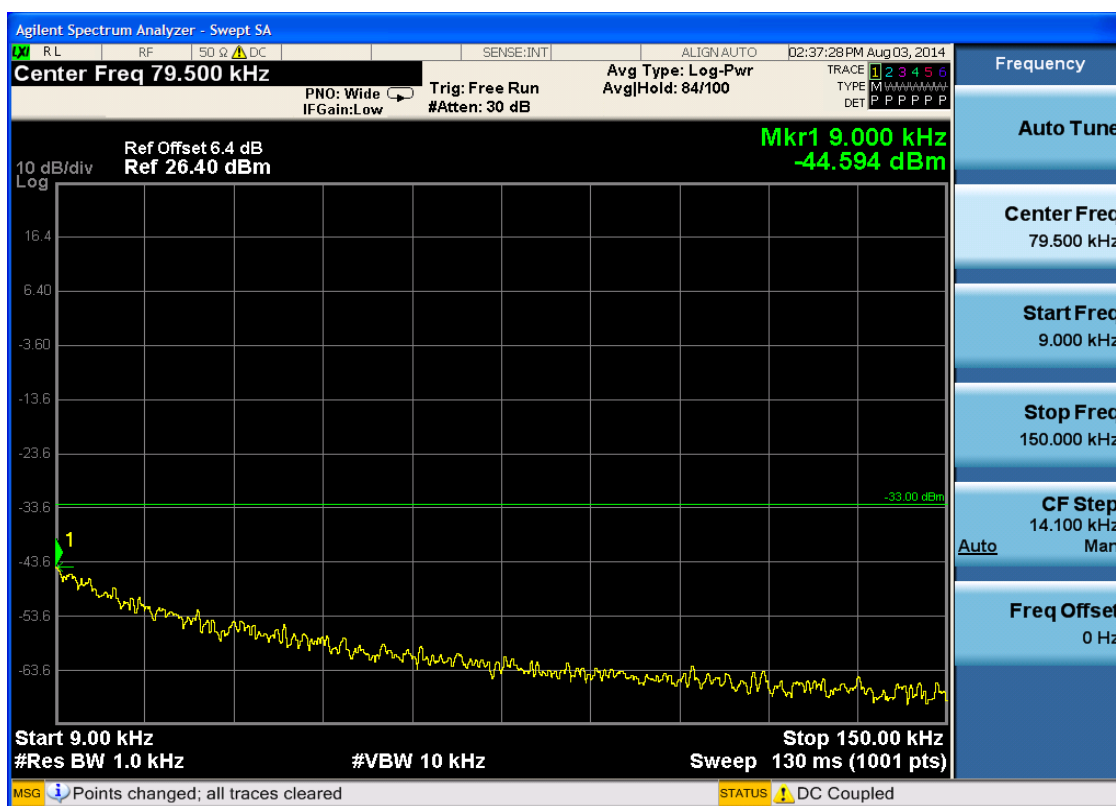


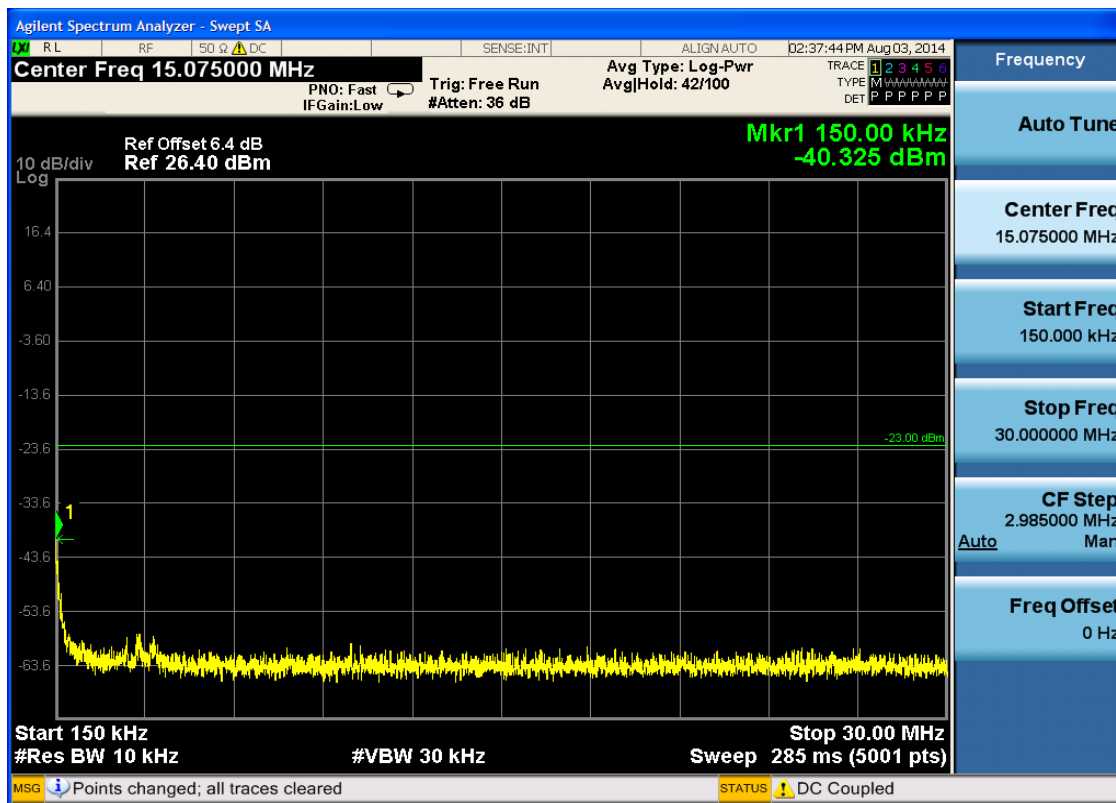


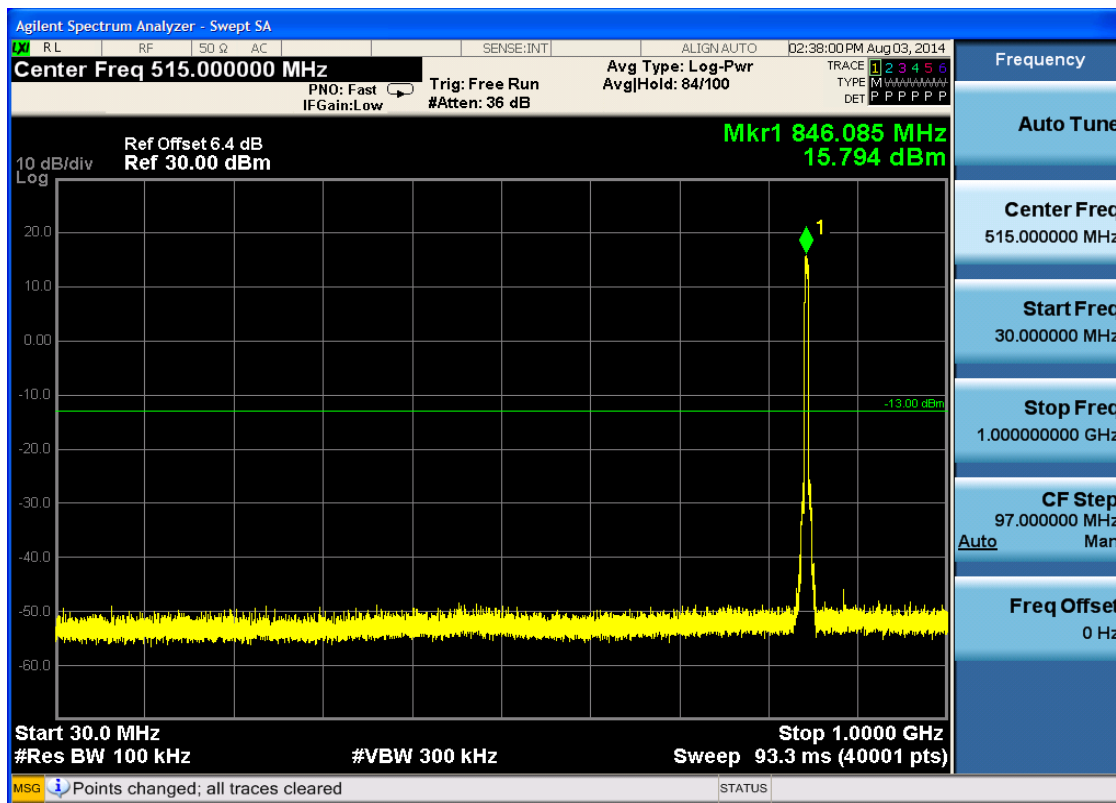


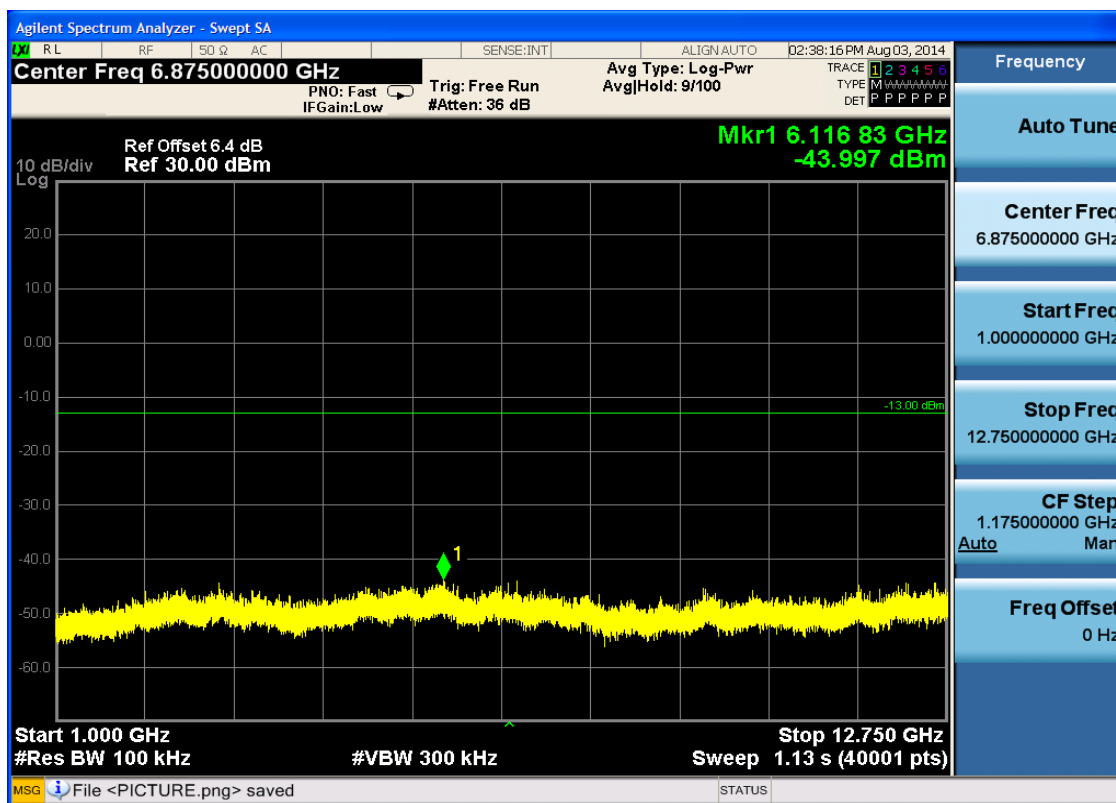


6.2.1.1.3 Test Channel = HCH







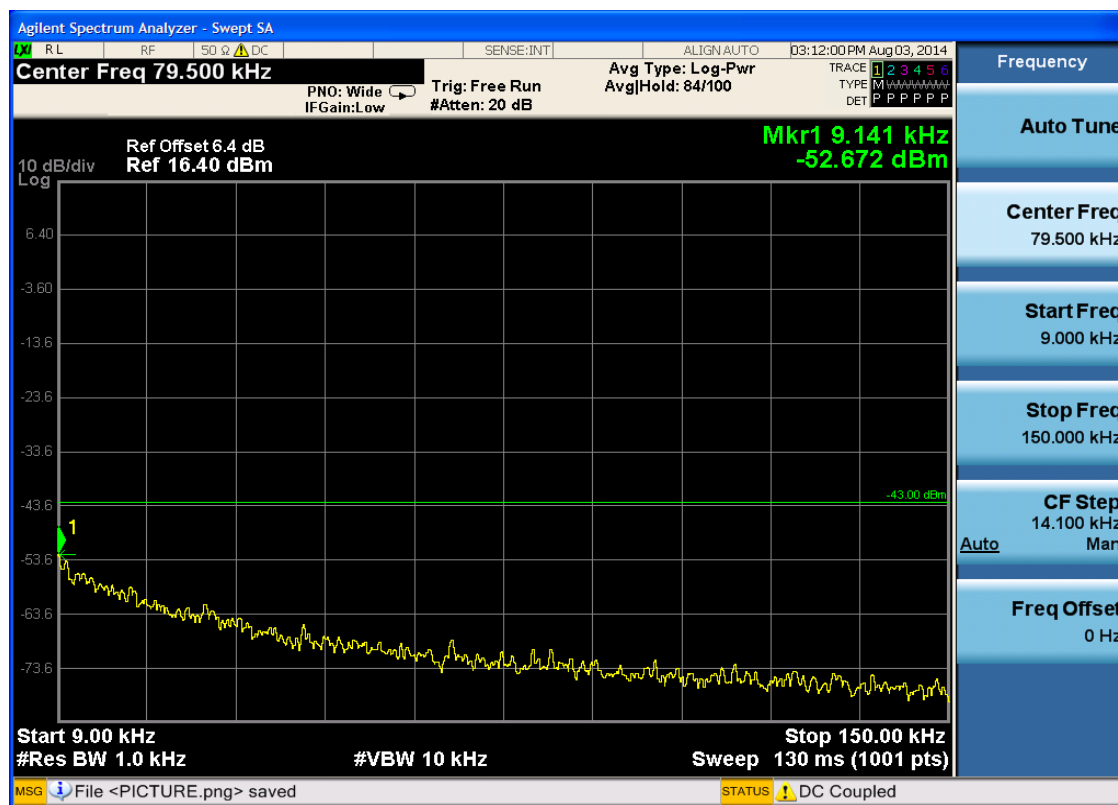


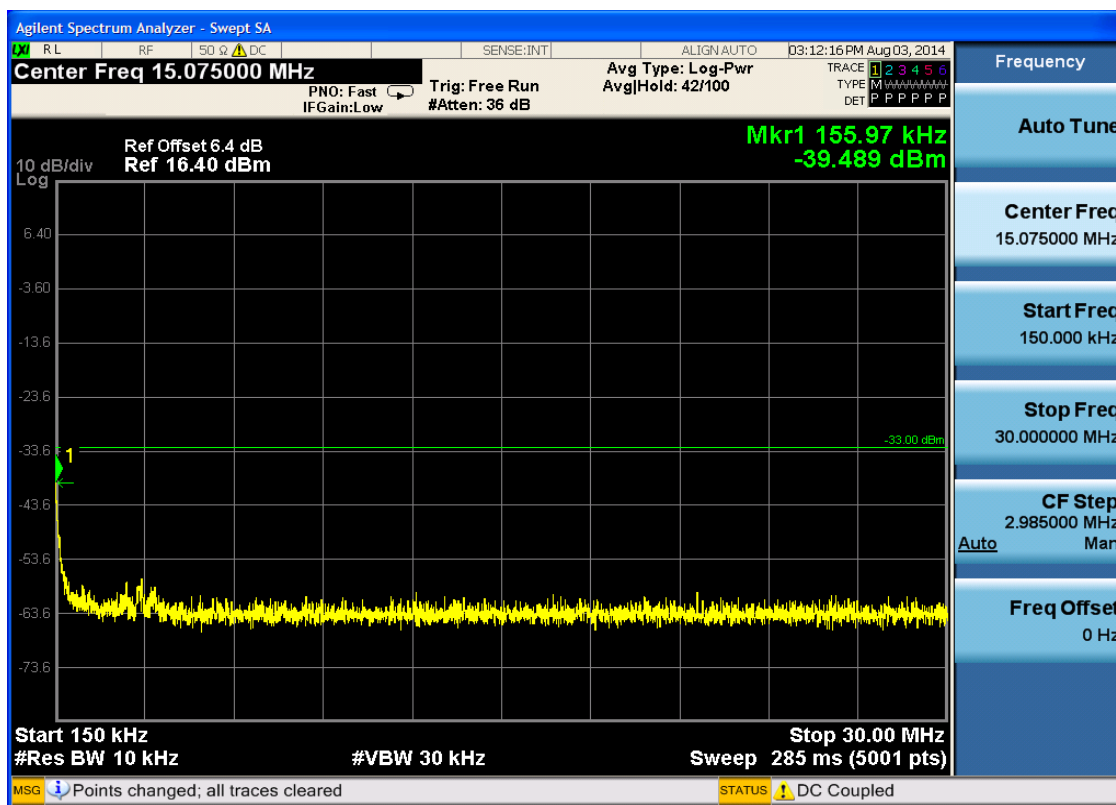


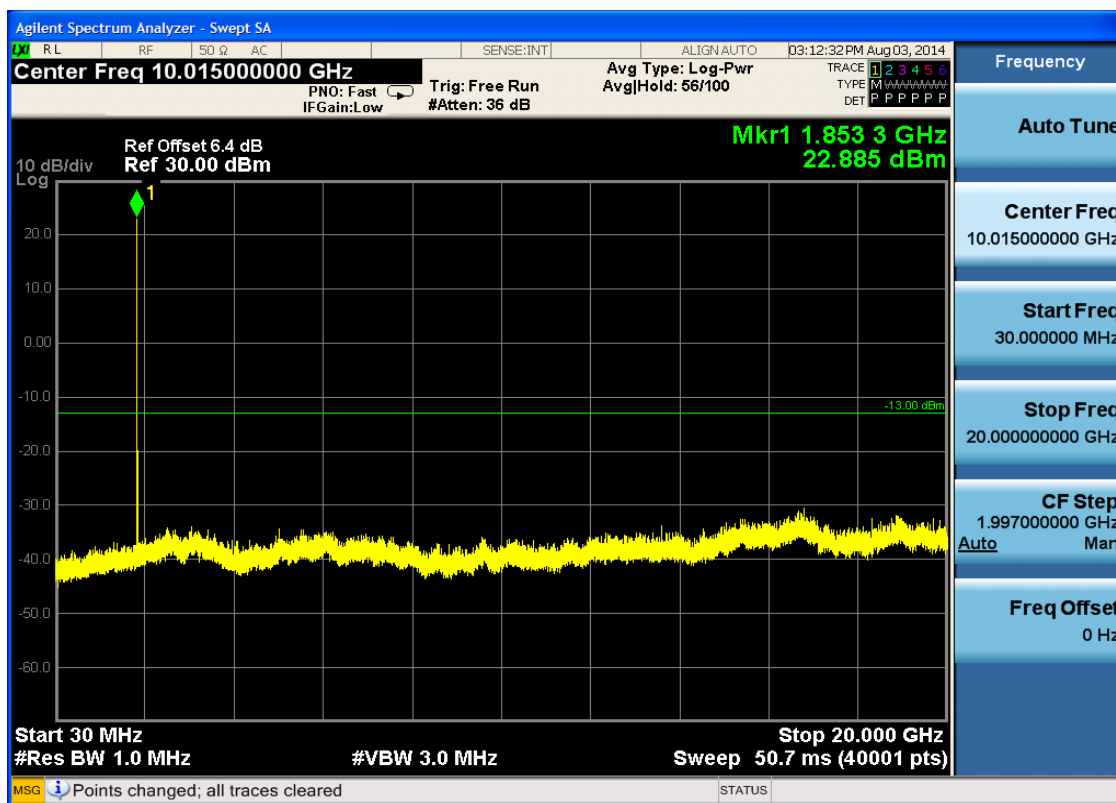
6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

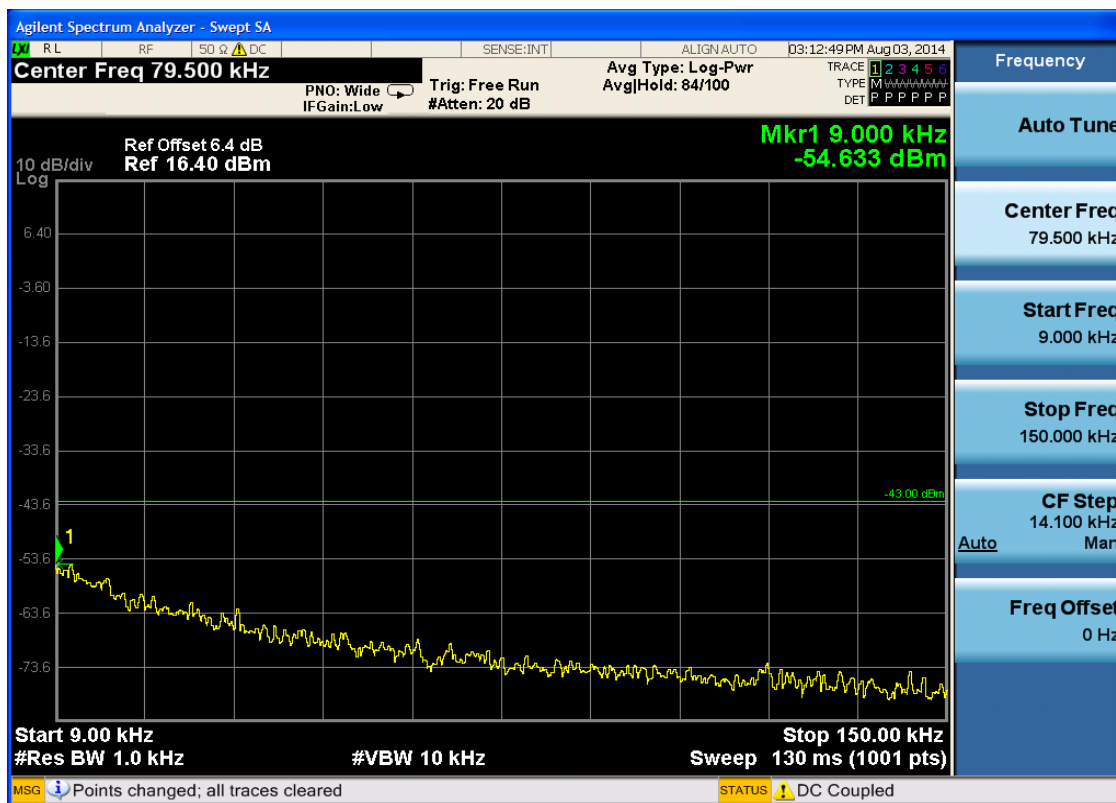
6.2.2.1.1 Test Channel = LCH

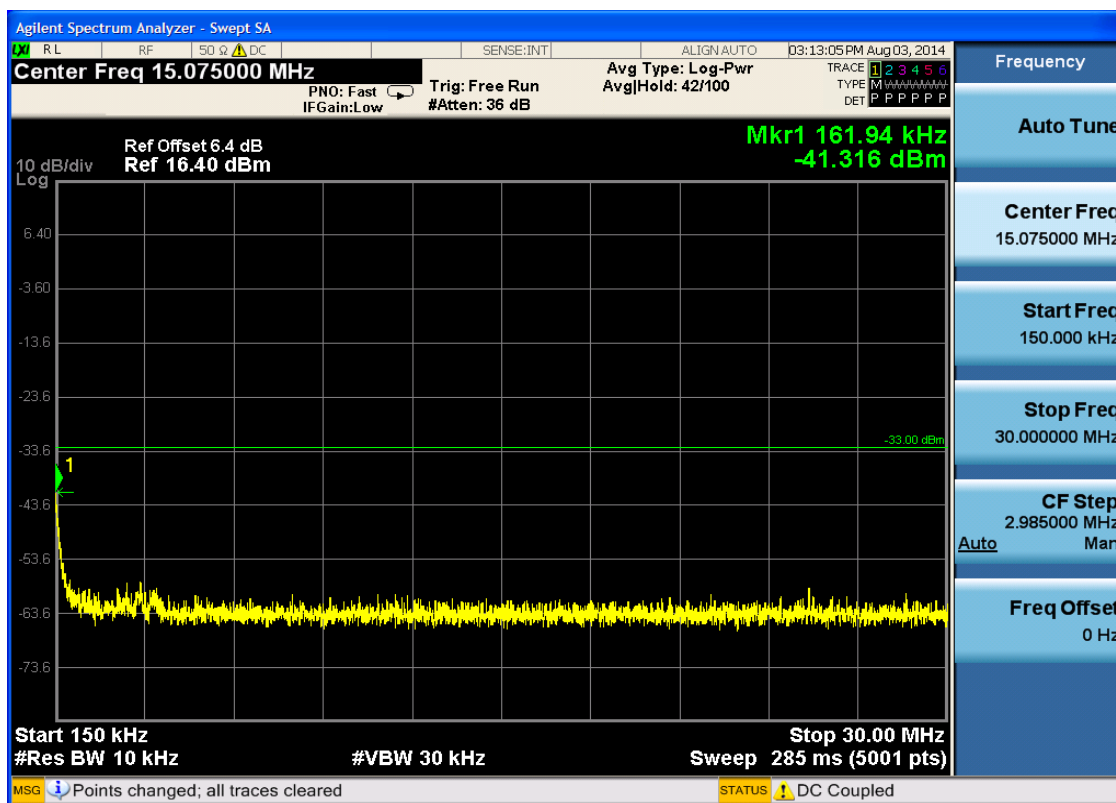


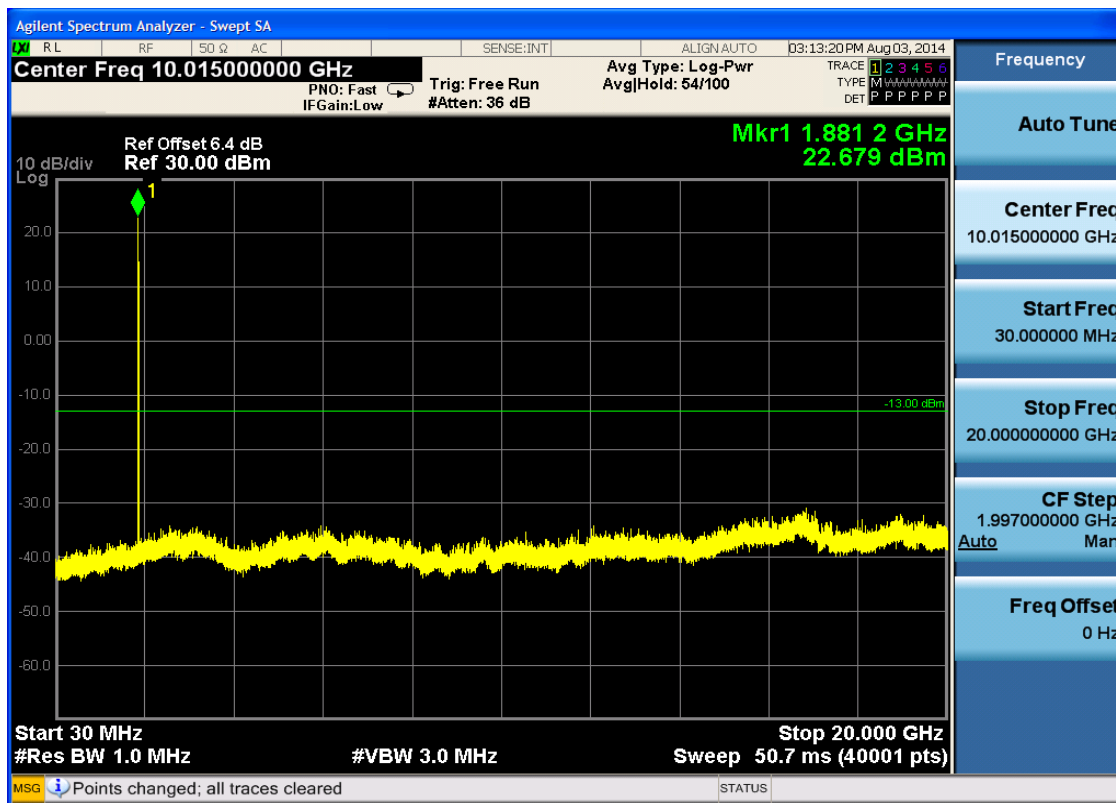




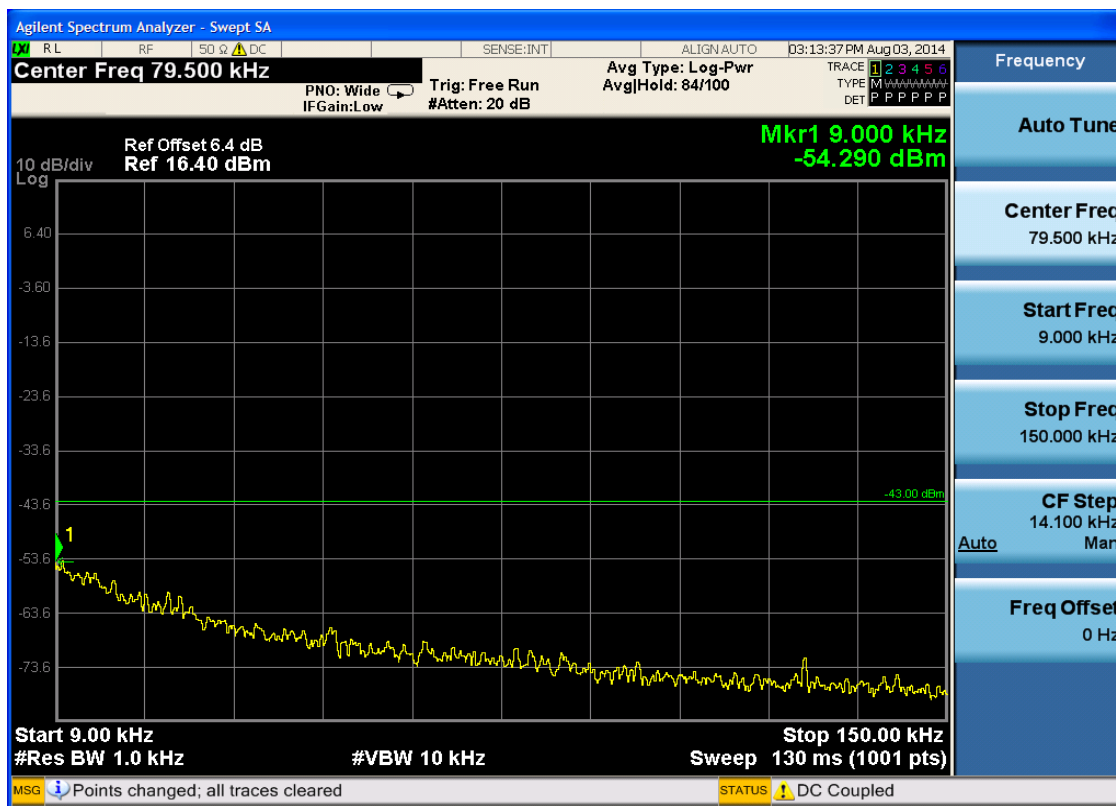
6.2.2.1.2 Test Channel = MCH

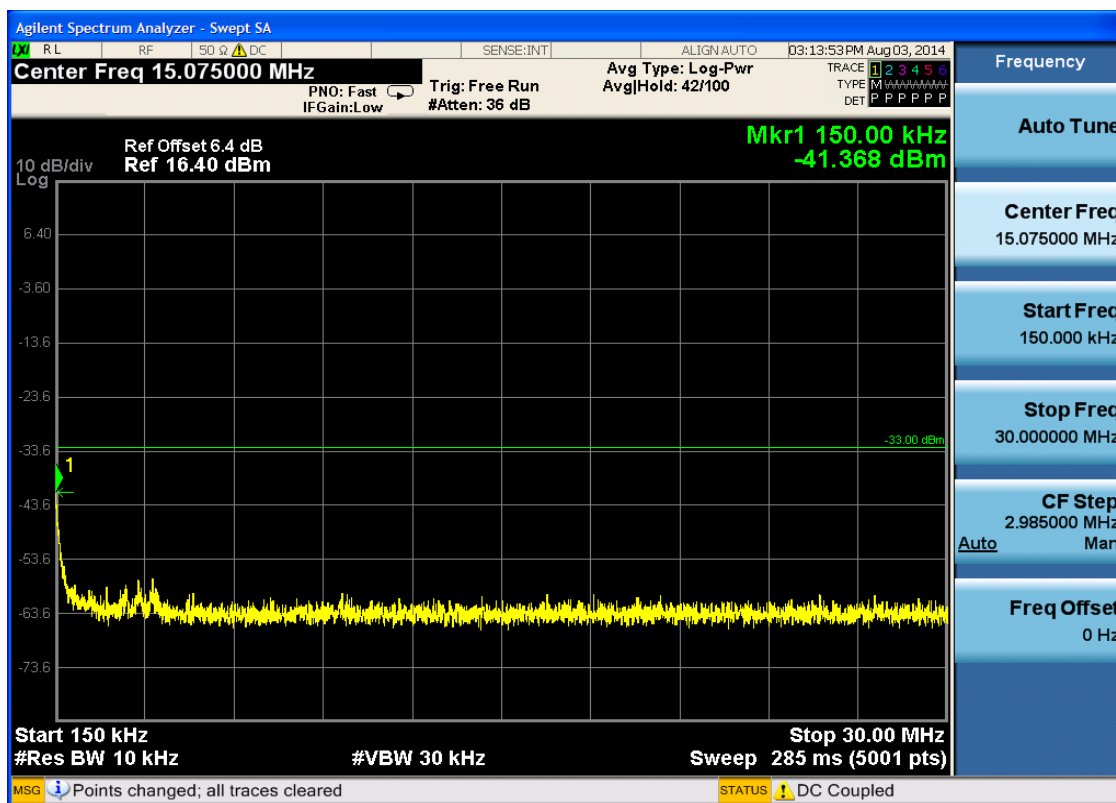


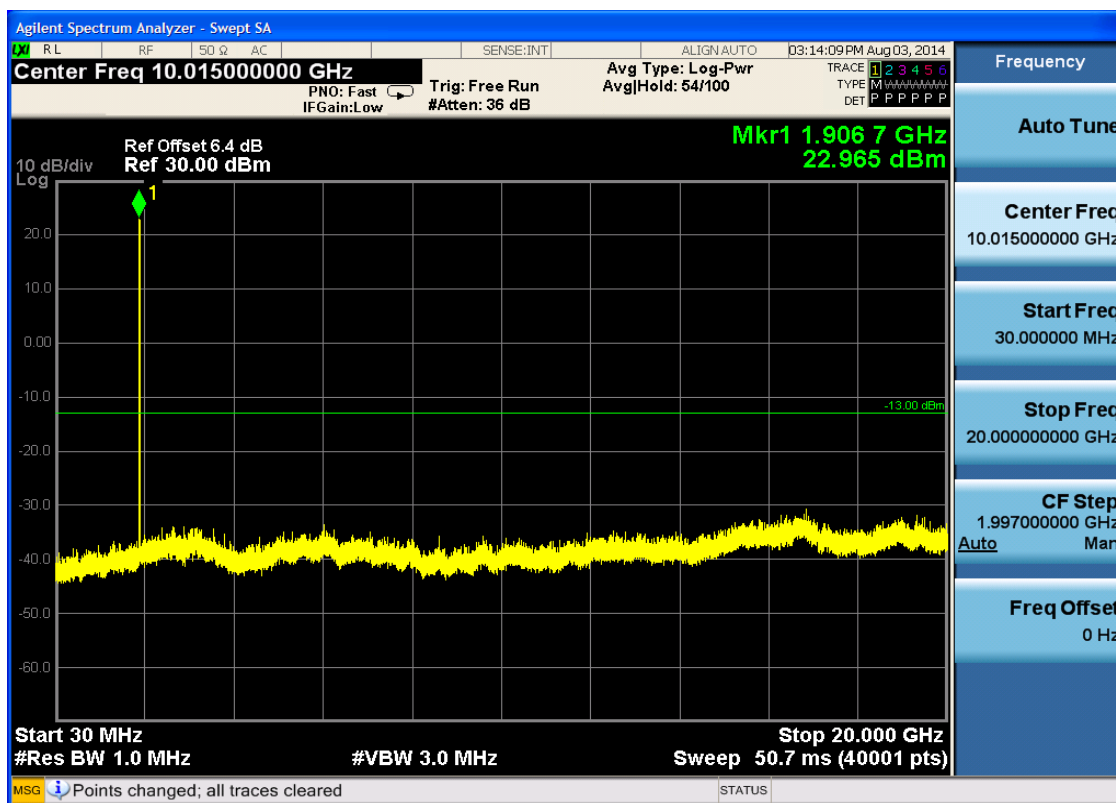




6.2.2.1.3 Test Channel = HCH



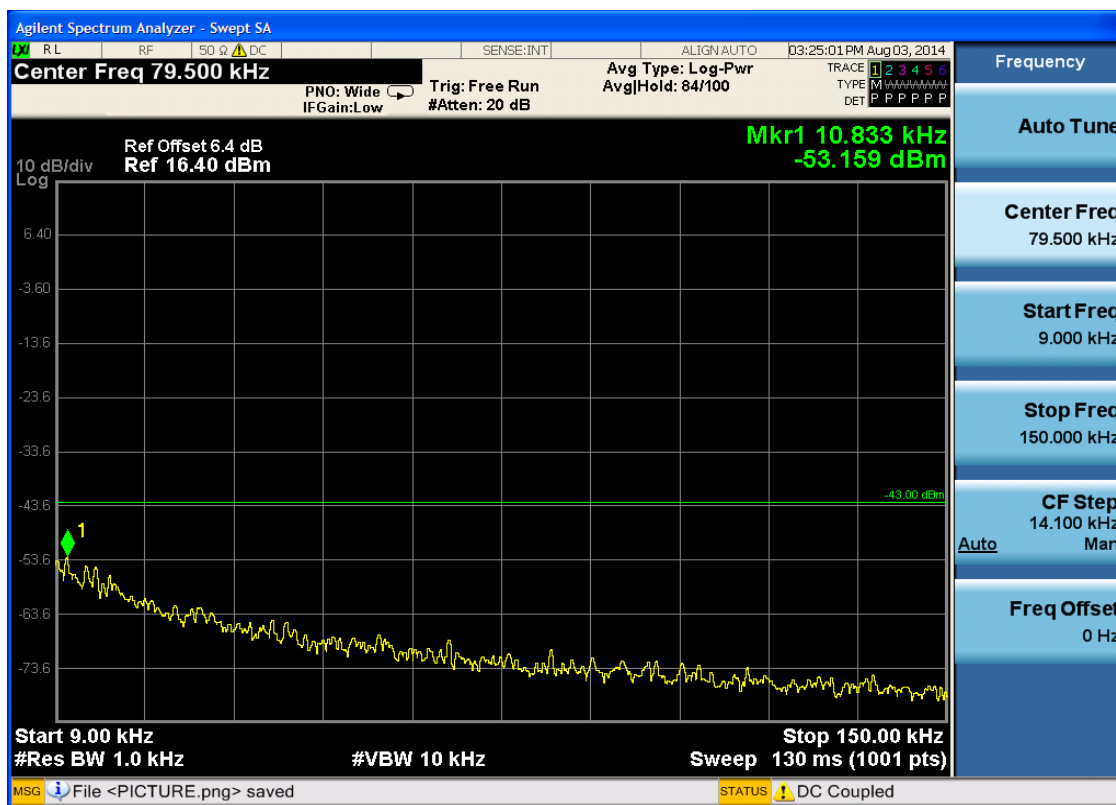


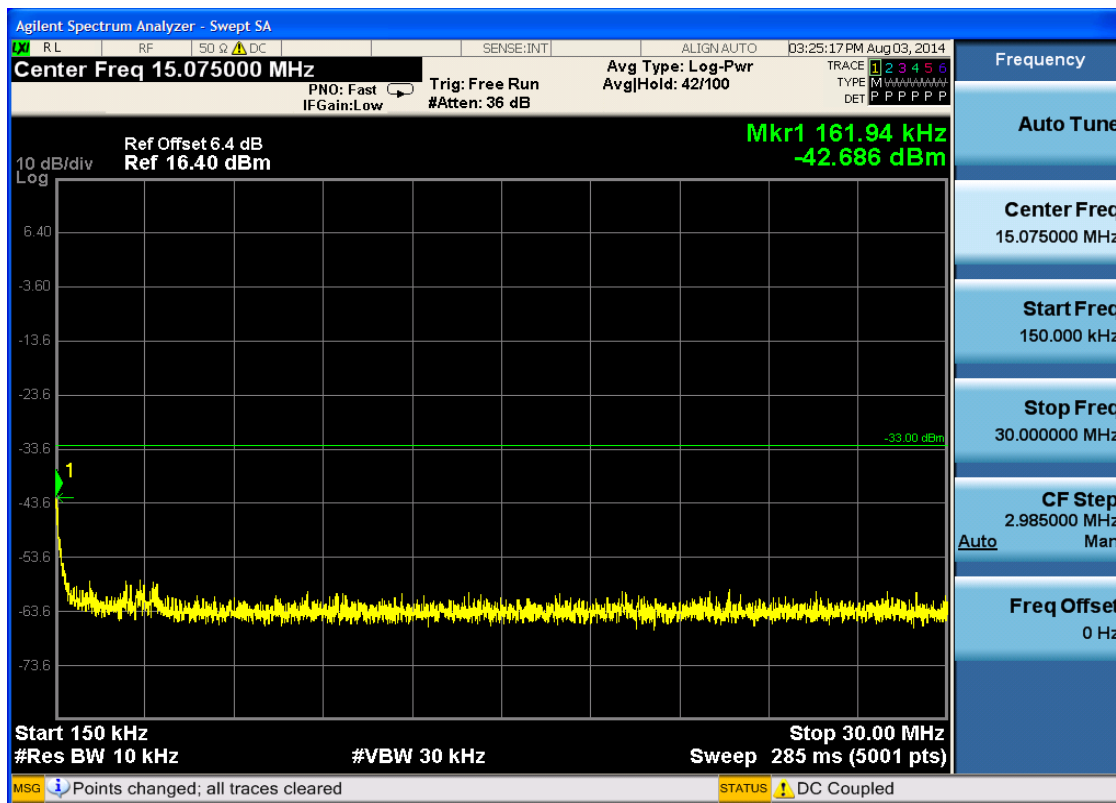


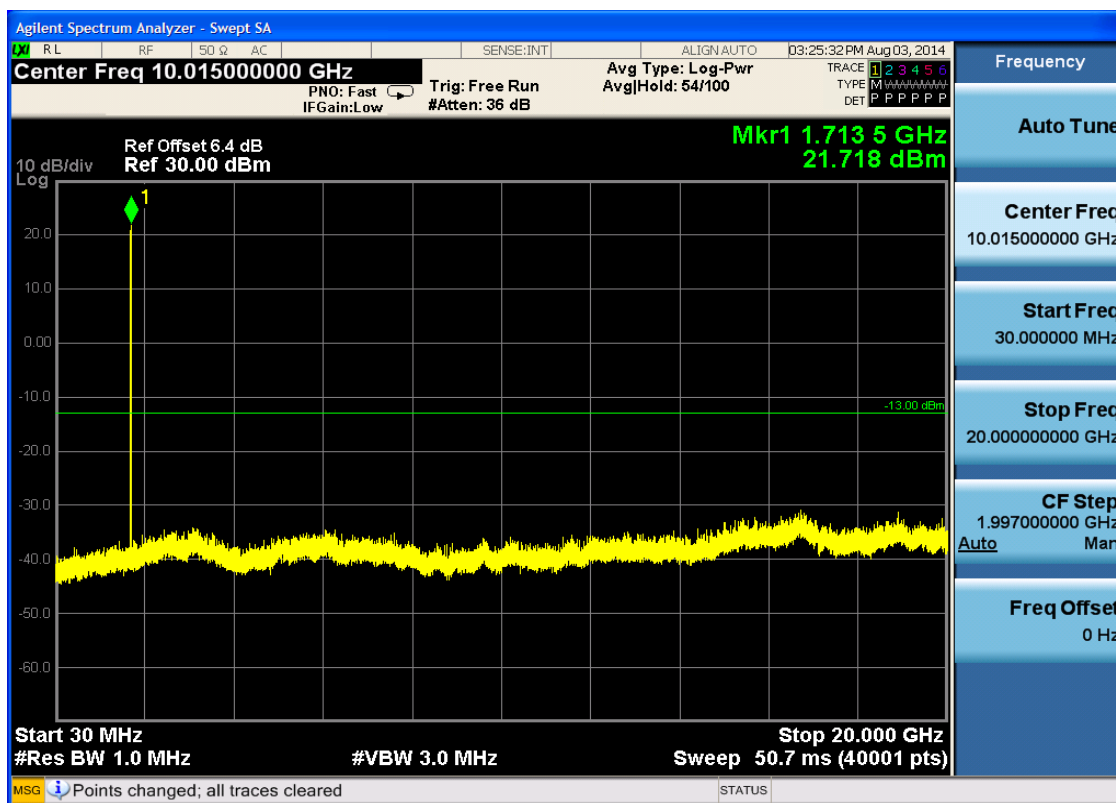
6.2.3 Test Band = WCDMA1700

6.2.3.1 Test Mode = UMTS/TM1

6.2.3.1.1 Test Channel = LCH









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 03:25:50 PM Aug 03, 2014

Center Freq 79.500 kHz PNO: Wide IFGain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 85/100

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P P P P P P P

Ref Offset 6.4 dB
Ref 16.40 dBm

Mkr1 9.141 kHz
-54.385 dBm

10 dB/div
Log

6.40
-3.60
-13.6
-23.6
-33.6
-43.6
-53.6
-63.6
-73.6

-43.00 dBm

1

Start 9.00 kHz
#Res BW 1.0 kHz

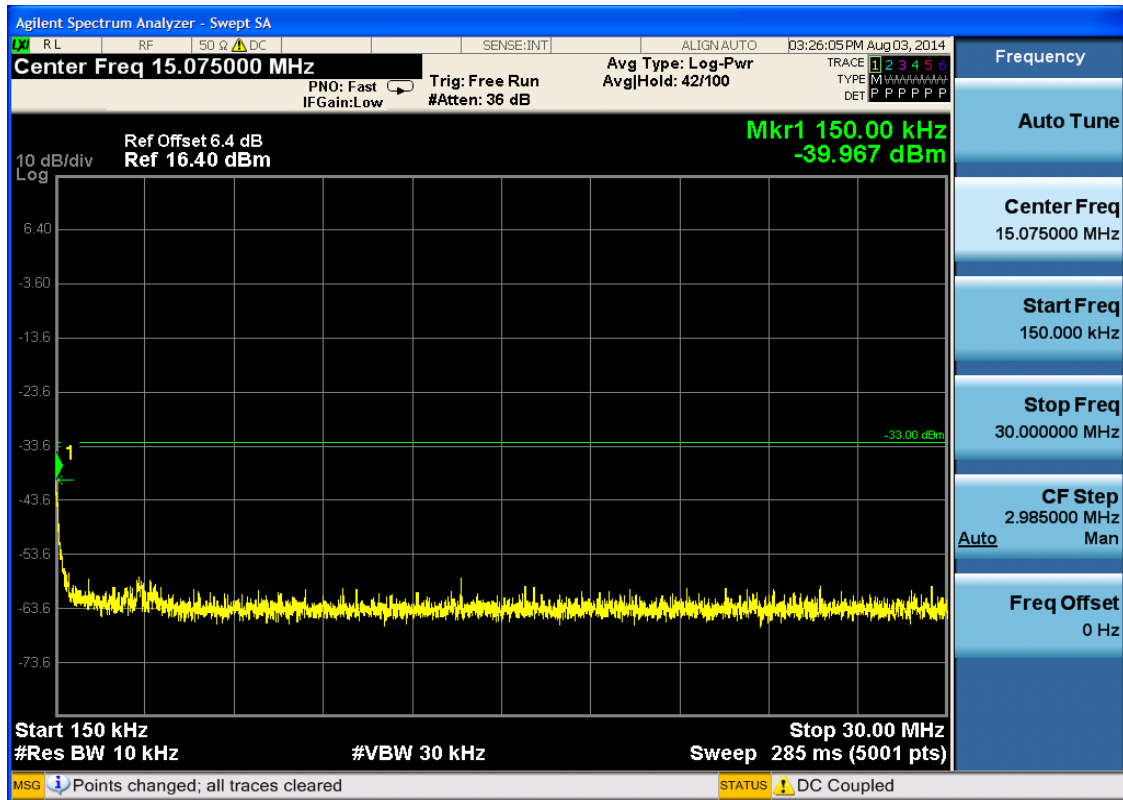
Stop 150.00 kHz
Sweep 130 ms (1001 pts)

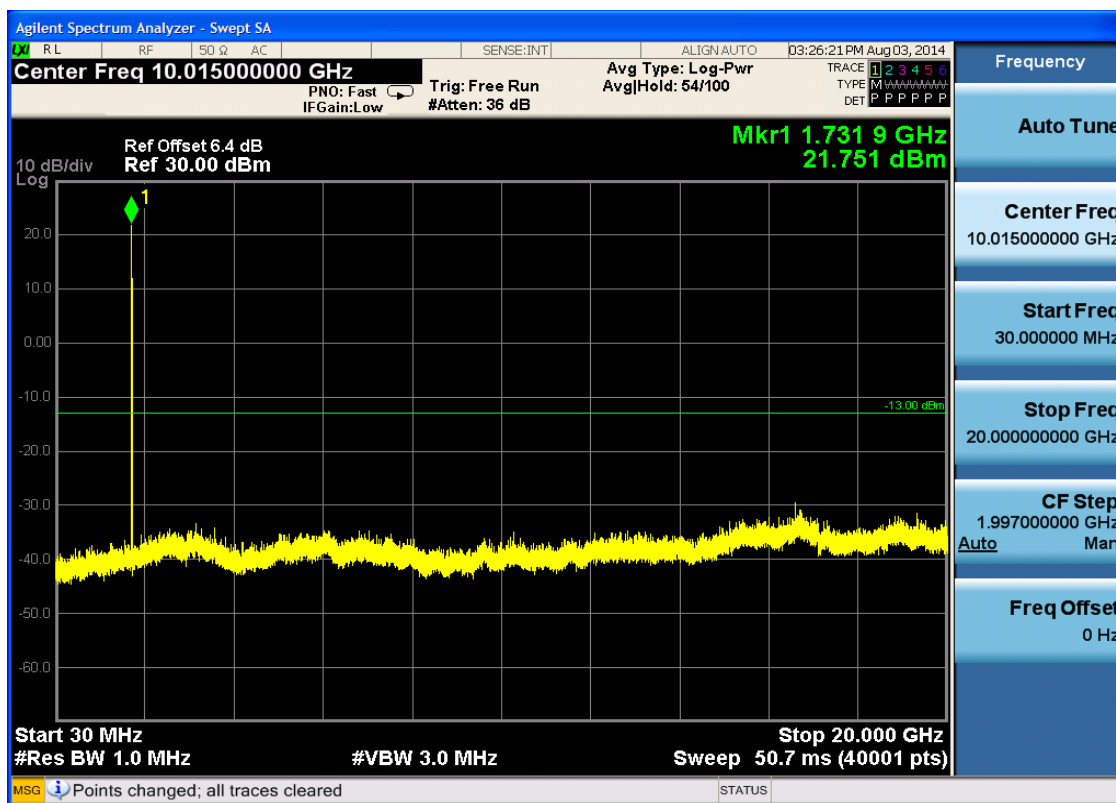
#VBW 10 kHz

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

MSG Points changed; all traces cleared

STATUS DC Coupled







Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 03:26:38 PM Aug 03, 2014

Center Freq 79.500 kHz PNO: Wide IFGain:Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 83/100

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P P P P P P

Ref Offset 6.4 dB
Ref 16.40 dBm

Mkr1 9.846 kHz
-54.700 dBm

10 dB/div
Log

6.40
-3.60
-13.6
-23.6
-33.6
-43.6
-53.6
-63.6
-73.6

-43.00 dBm

Start 9.00 kHz Stop 14.100 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

Frequency

Auto Tune

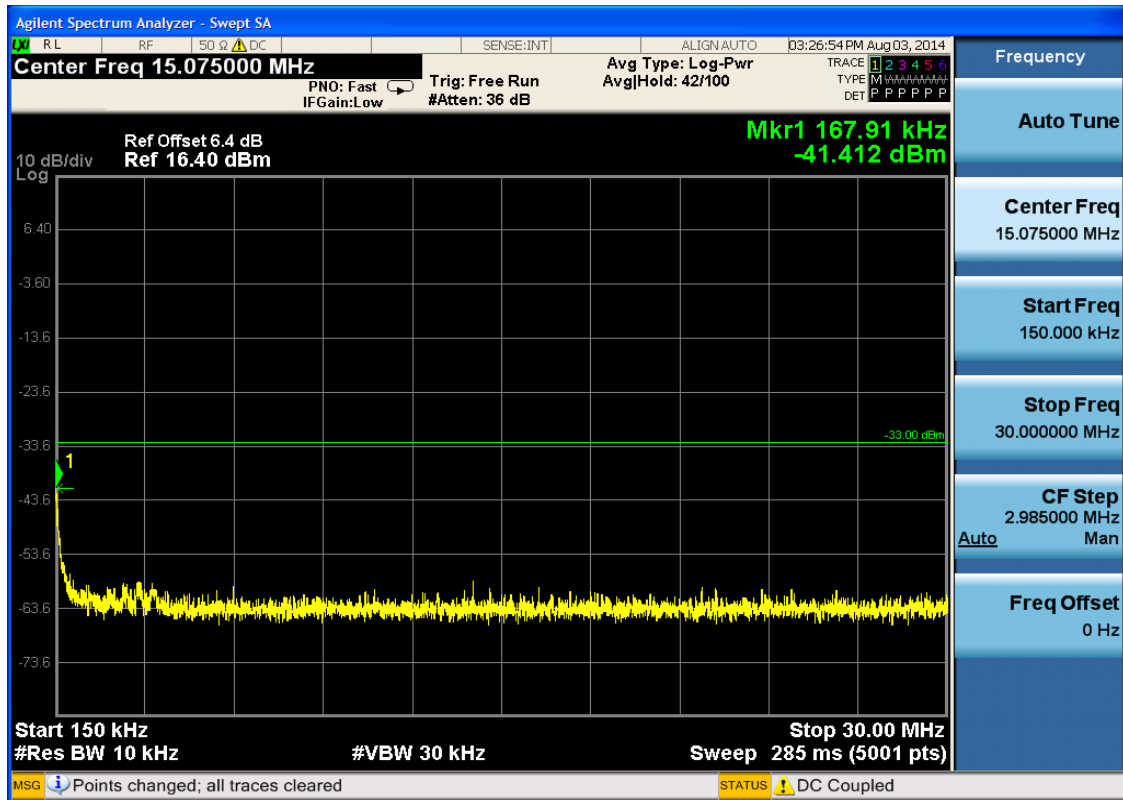
Center Freq
79.500 kHz

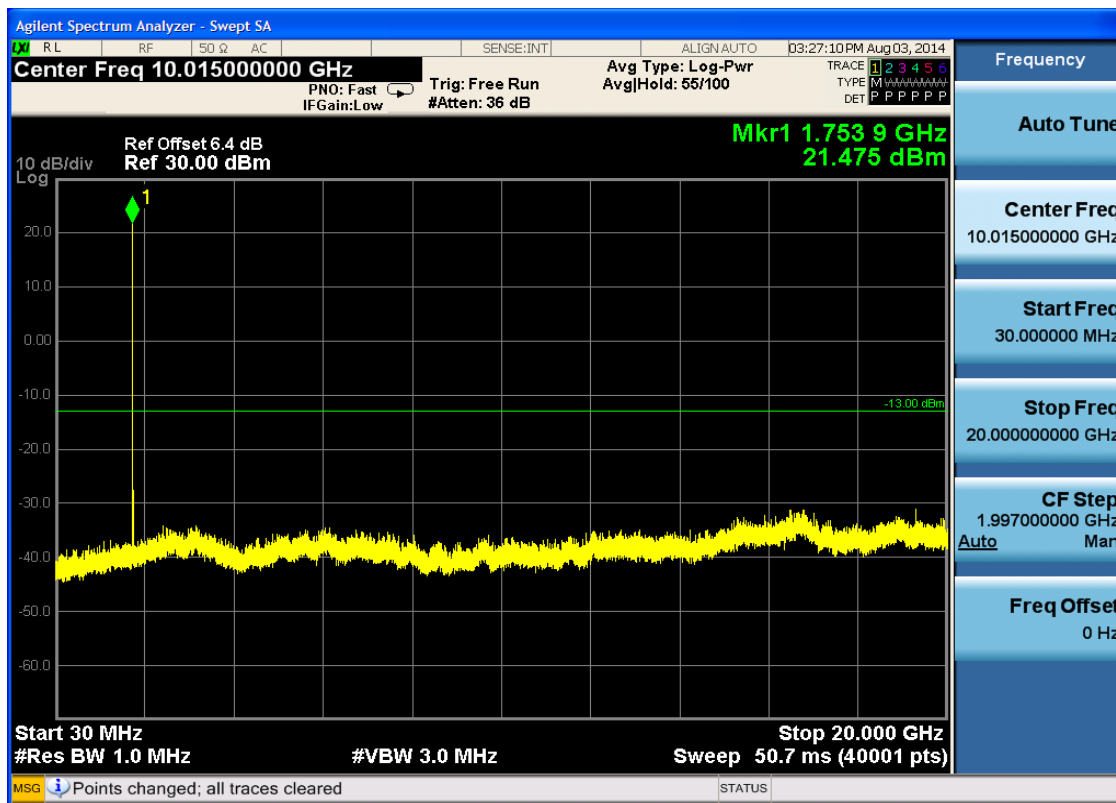
Start Freq
9.000 kHz

Stop Freq
150.000 kHz

CF Step
14.100 kHz
Auto Man

Freq Offset
0 Hz





6.3 For LTE

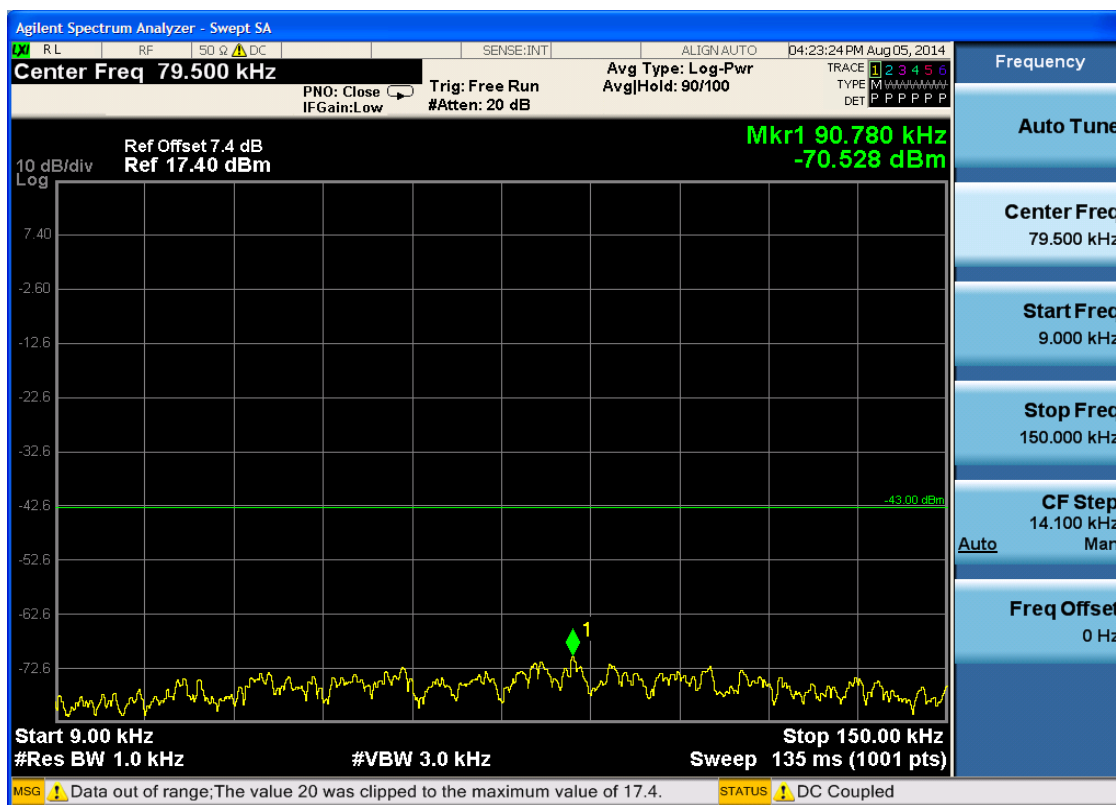
6.3.1 Test Band = BAND2

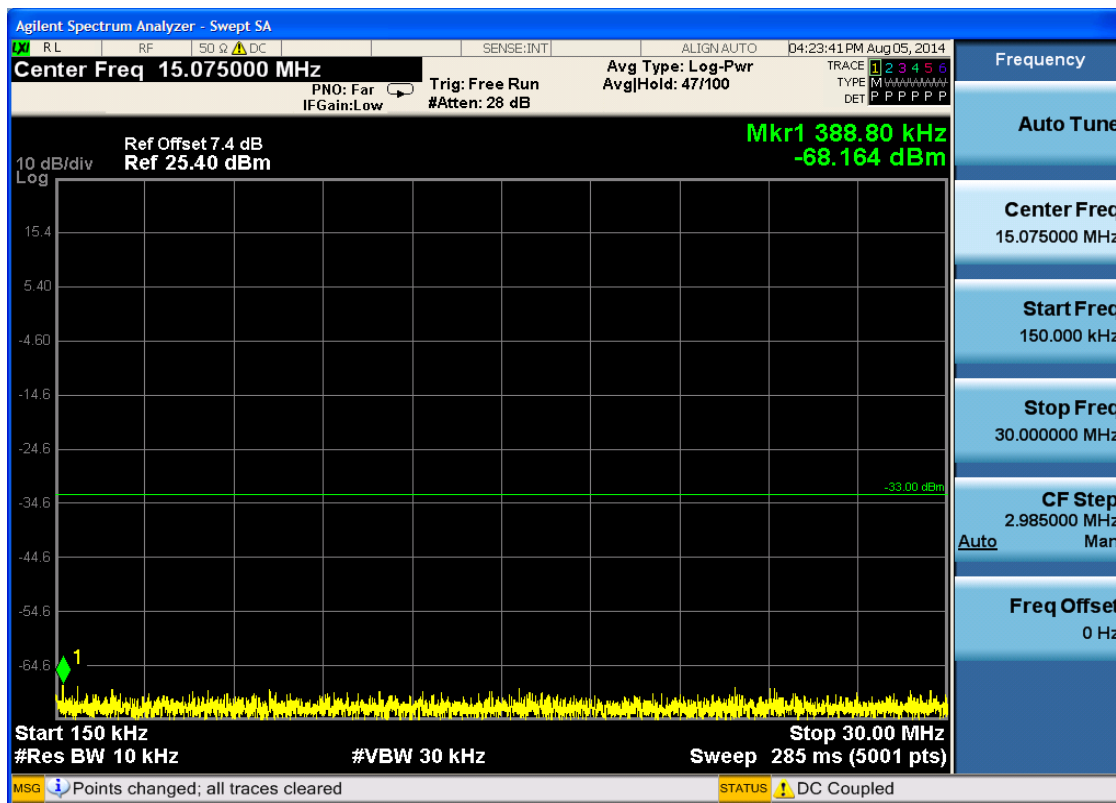
6.3.1.1 Test Mode = LTE/TM1

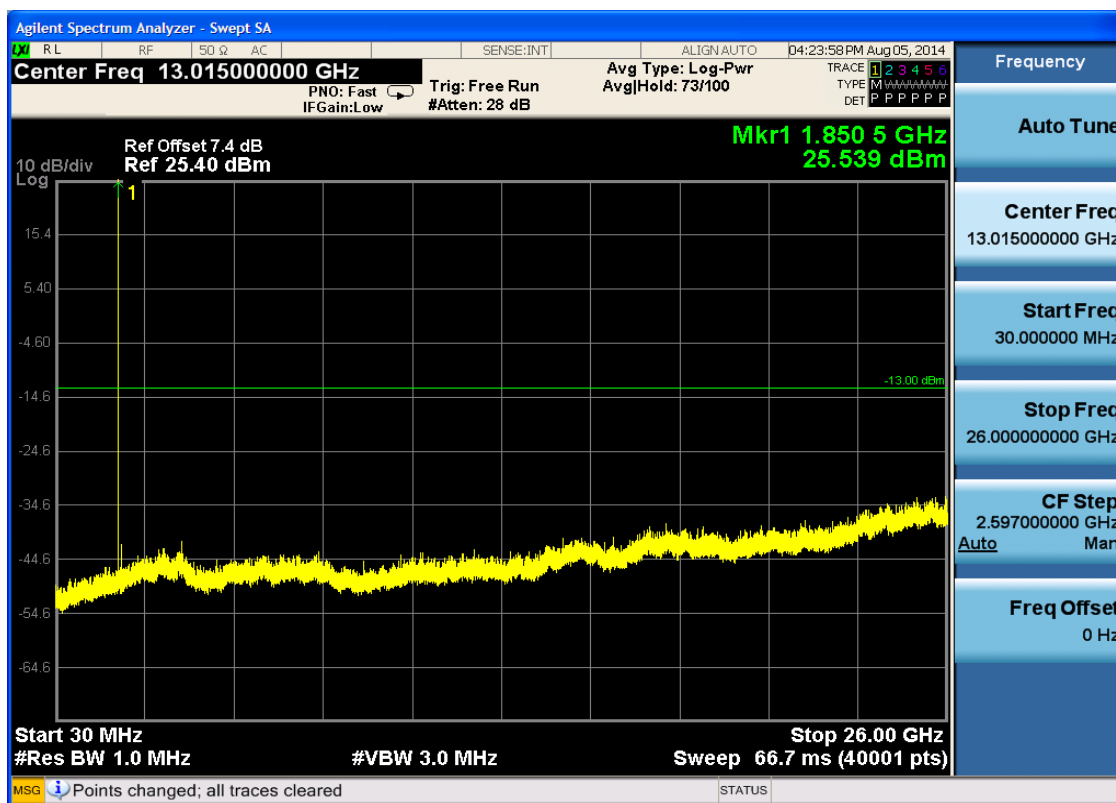
6.3.1.1.1 Test Bandwidth = 1.4

6.3.1.1.1.1 Test Channel = LCH

6.3.1.1.1.1.1 Test RB = RB1#0

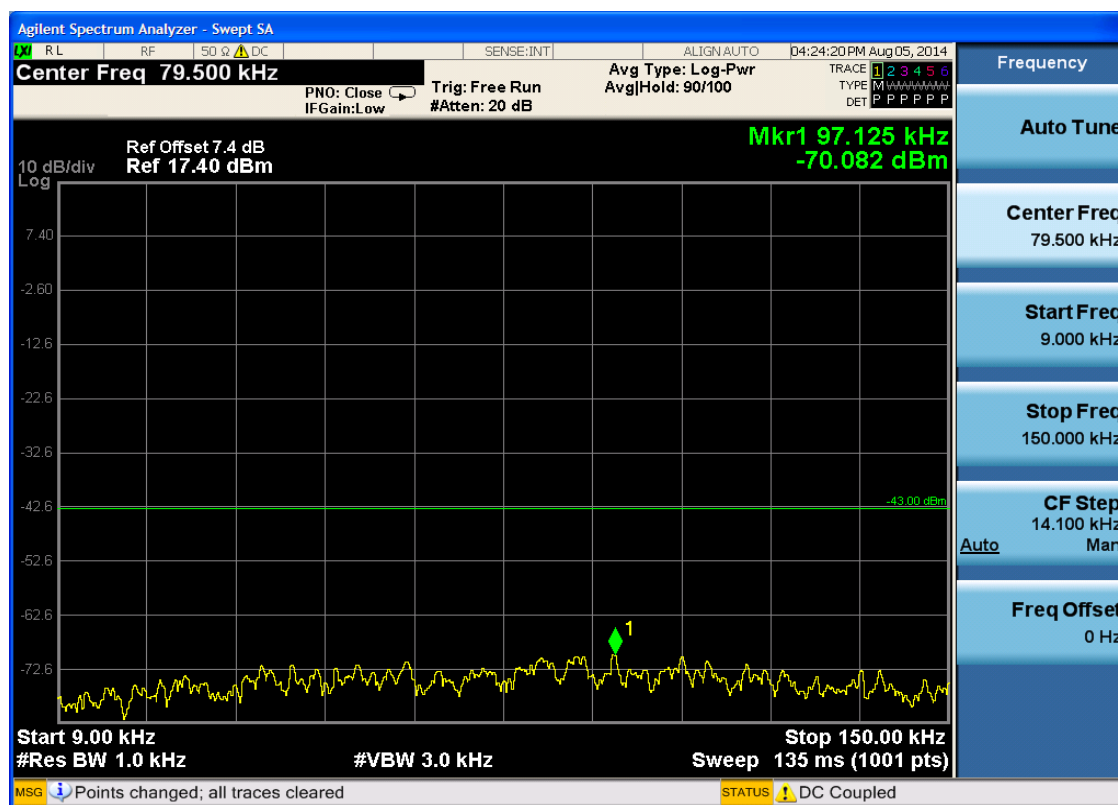


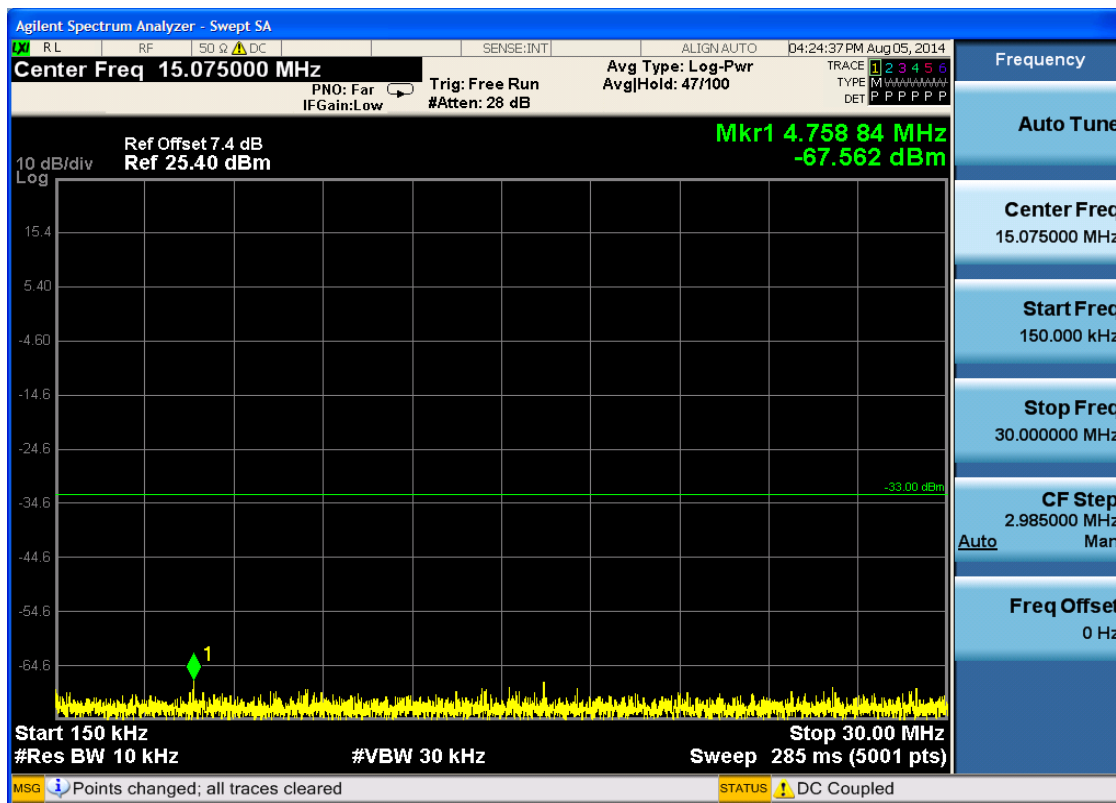


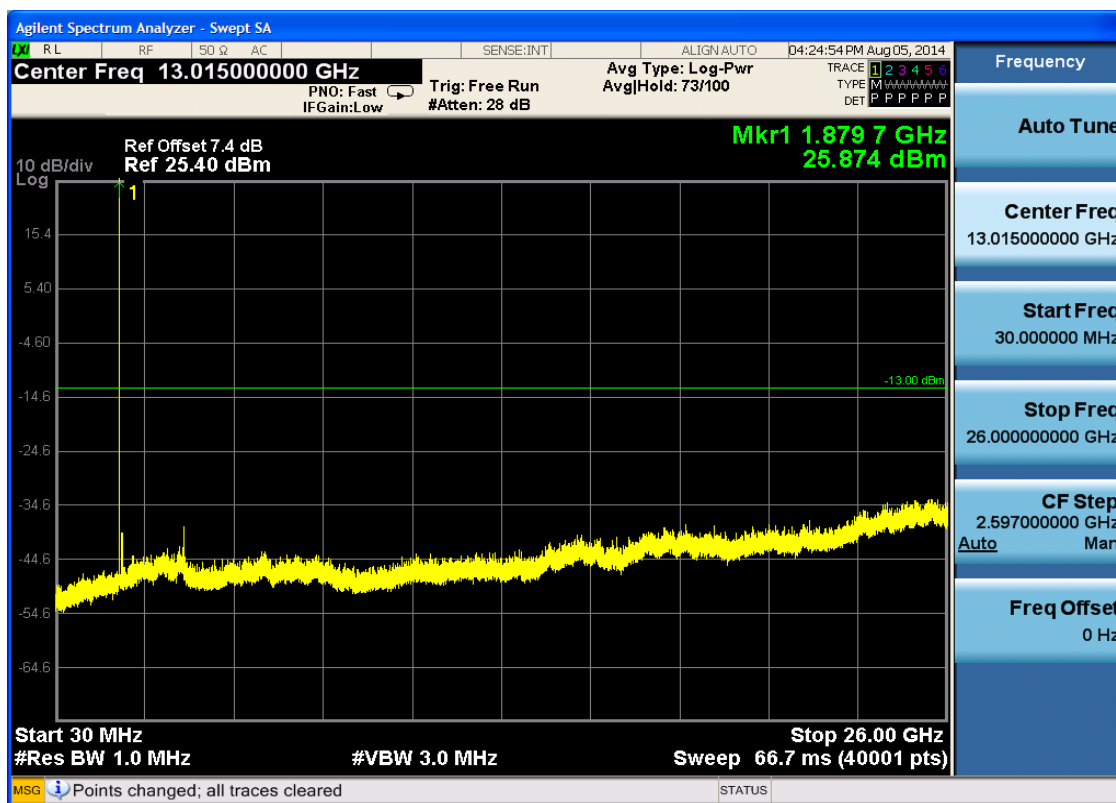


6.3.1.1.1.2 Test Channel = MCH

6.3.1.1.1.2.1 Test RB = RB1#0

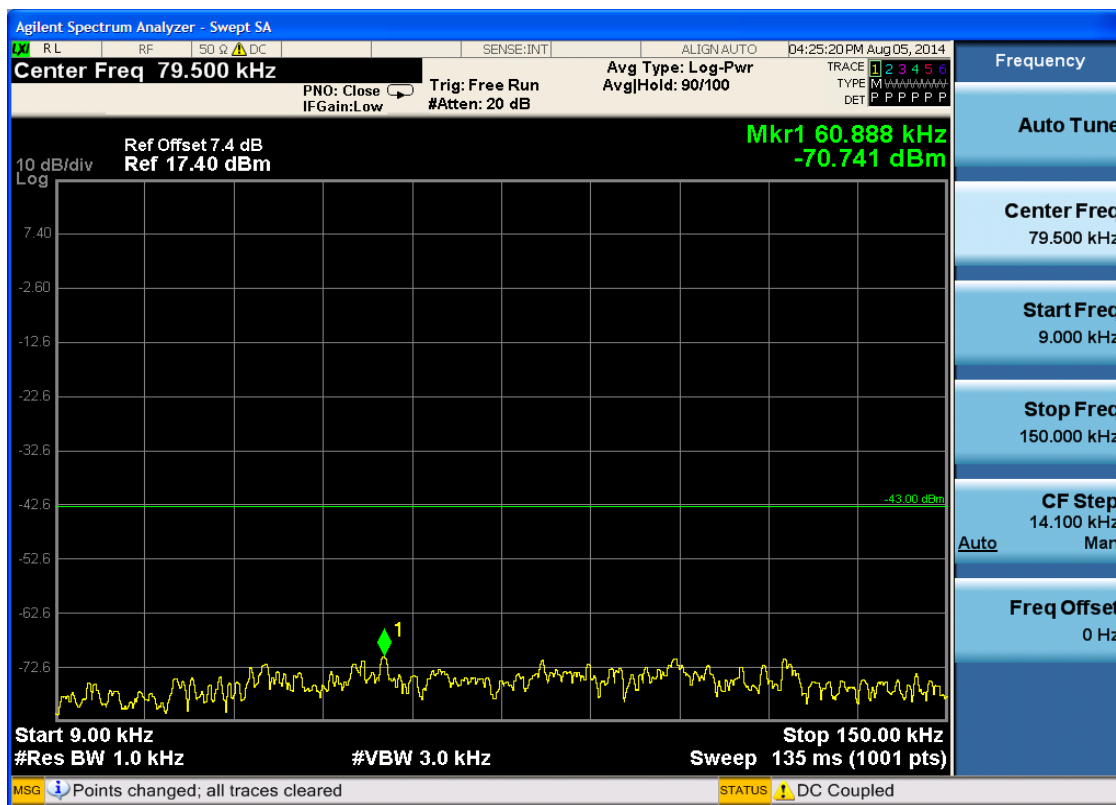


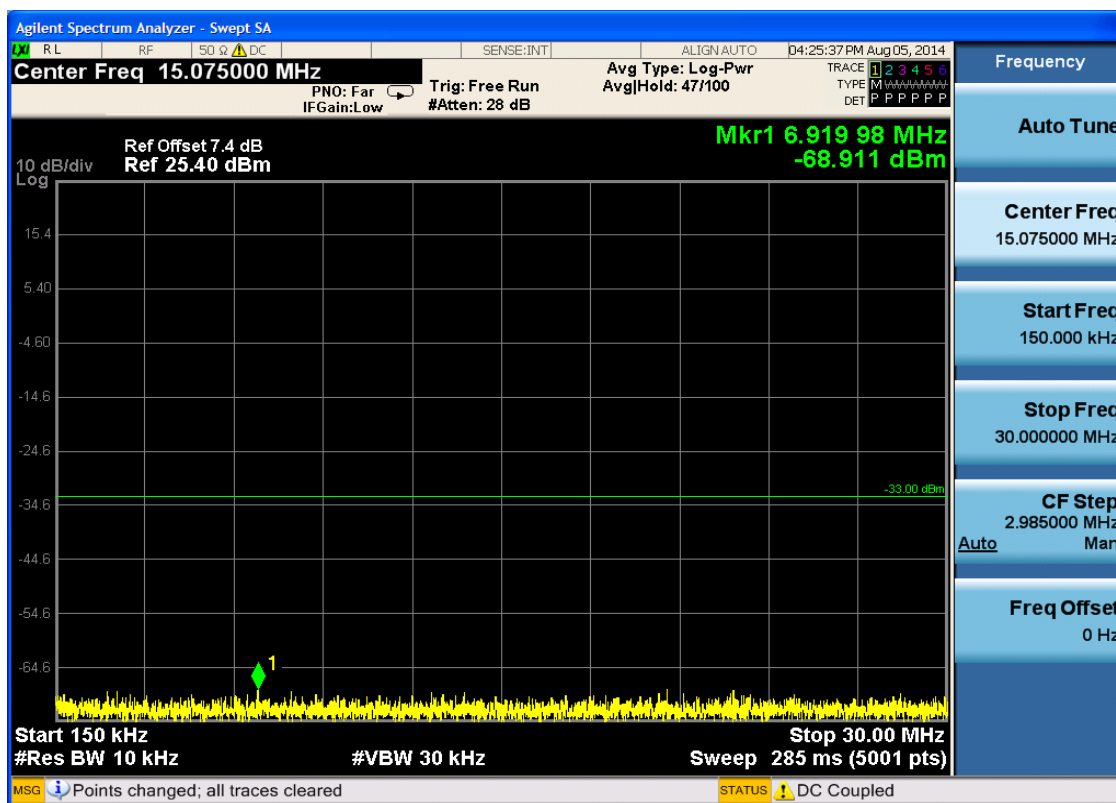


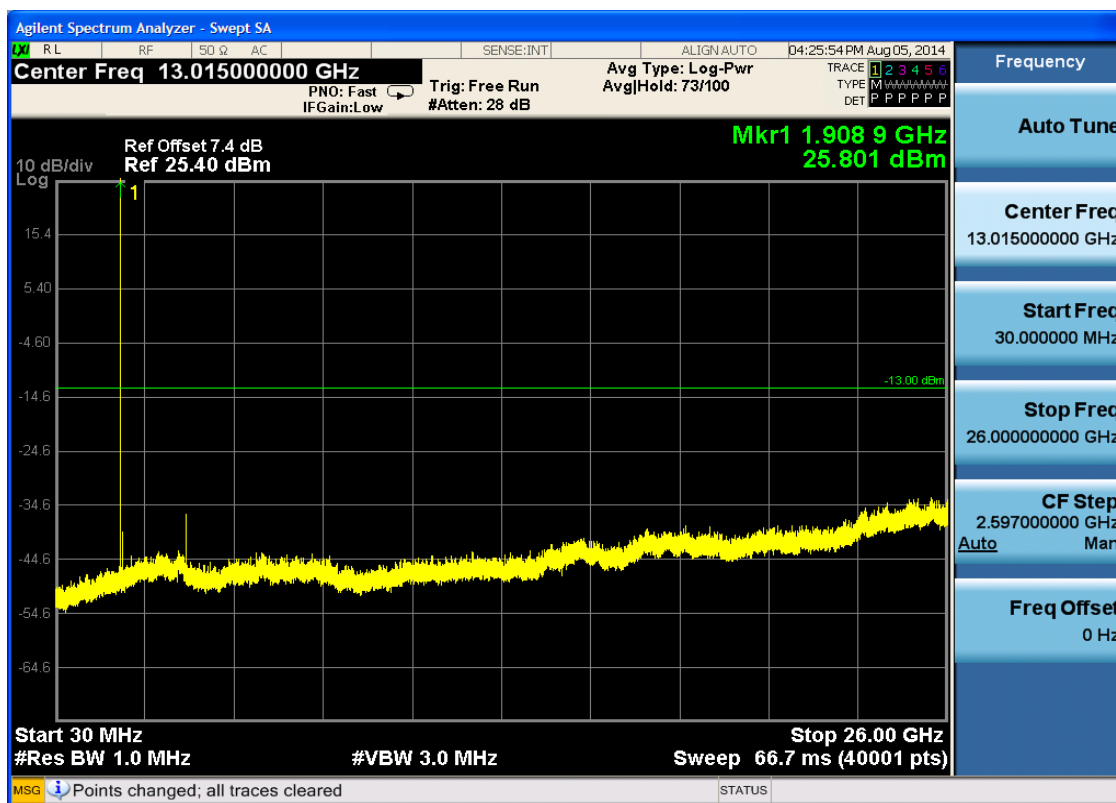


6.3.1.1.1.3 Test Channel = HCH

6.3.1.1.1.3.1 Test RB = RB1#0



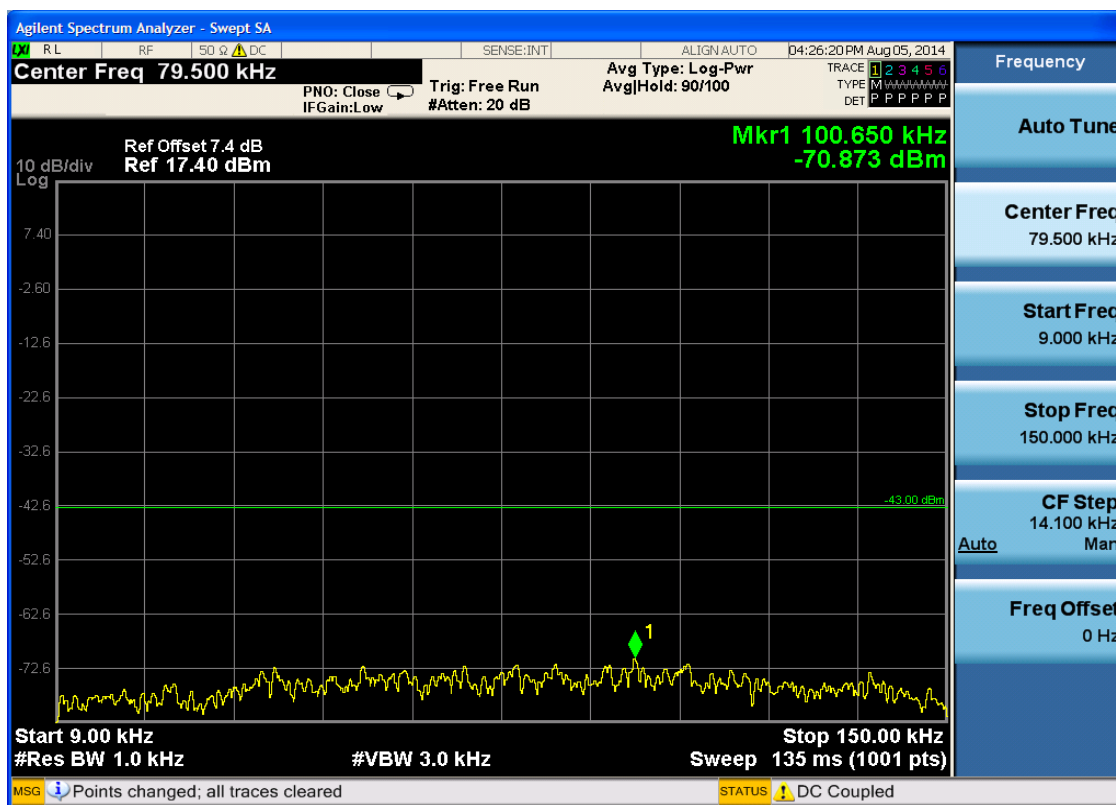


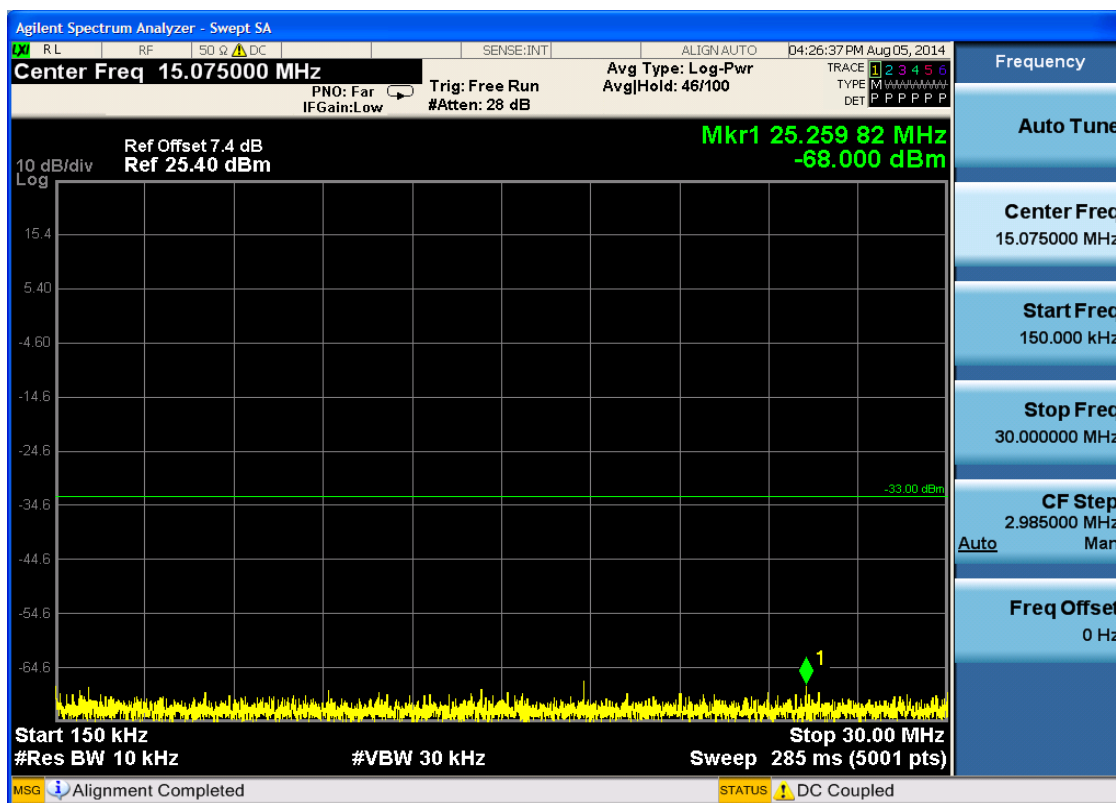


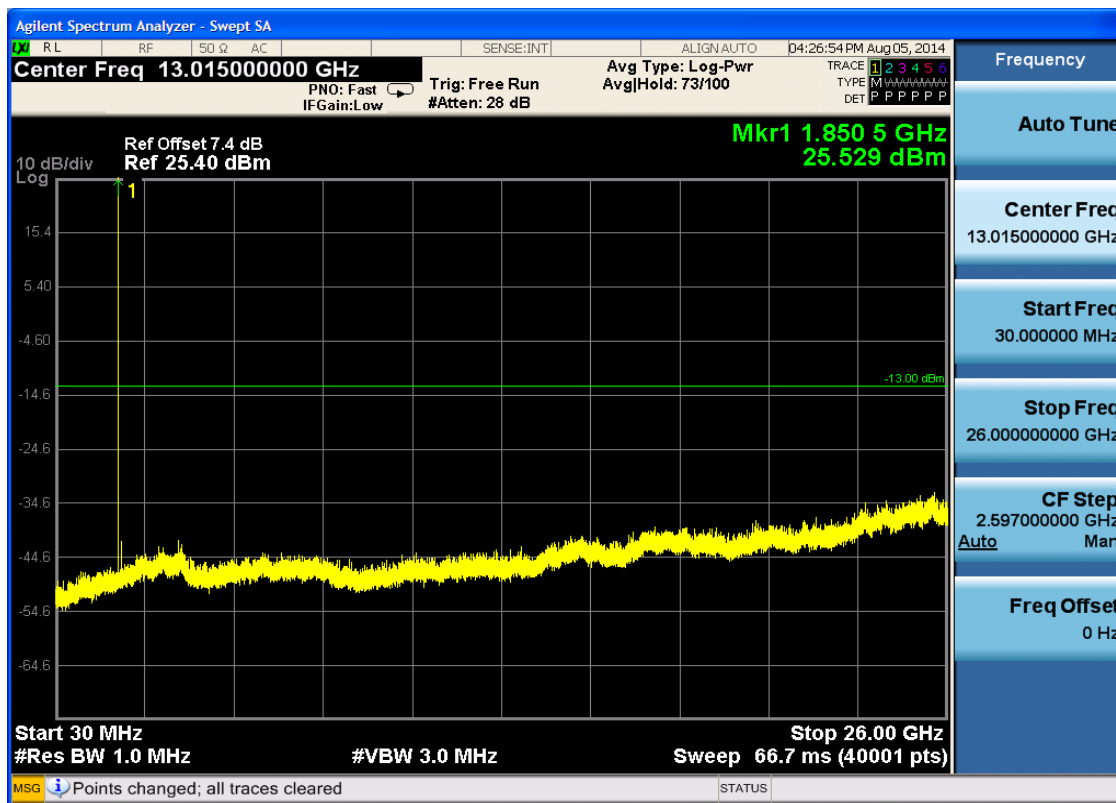
6.3.1.1.2 Test Bandwidth = 3

6.3.1.1.2.1 Test Channel = LCH

6.3.1.1.2.1.1 Test RB = RB1#0

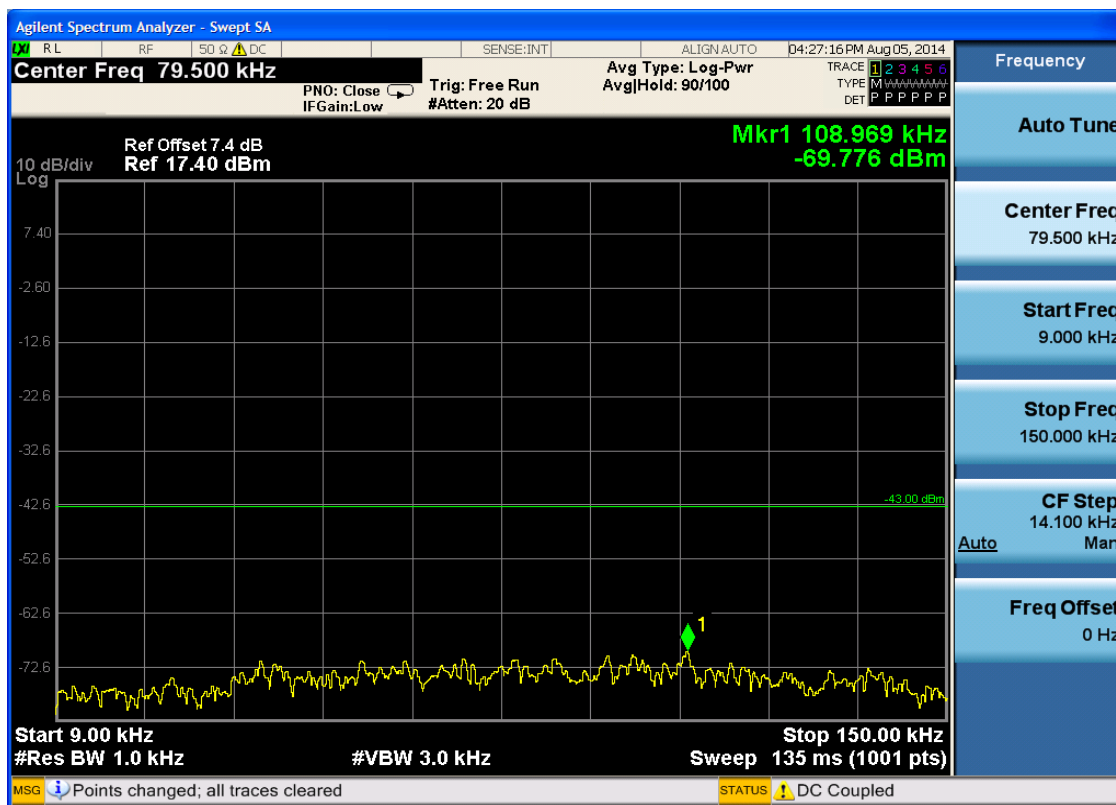


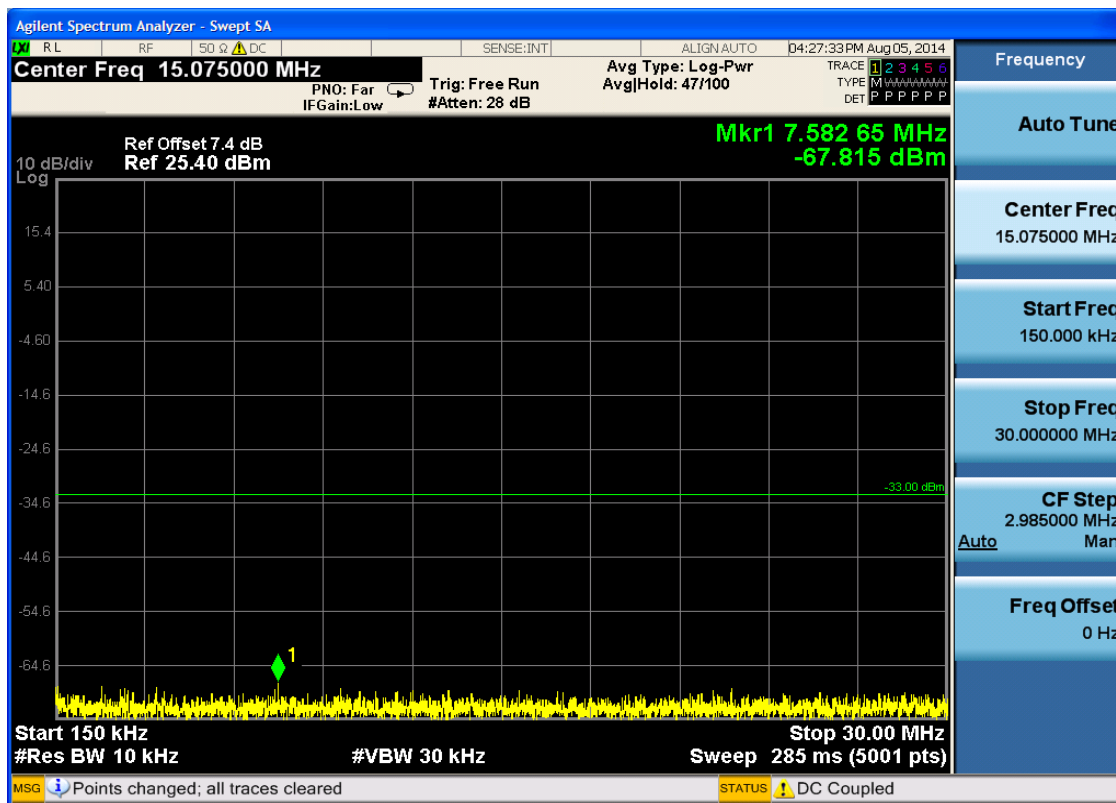


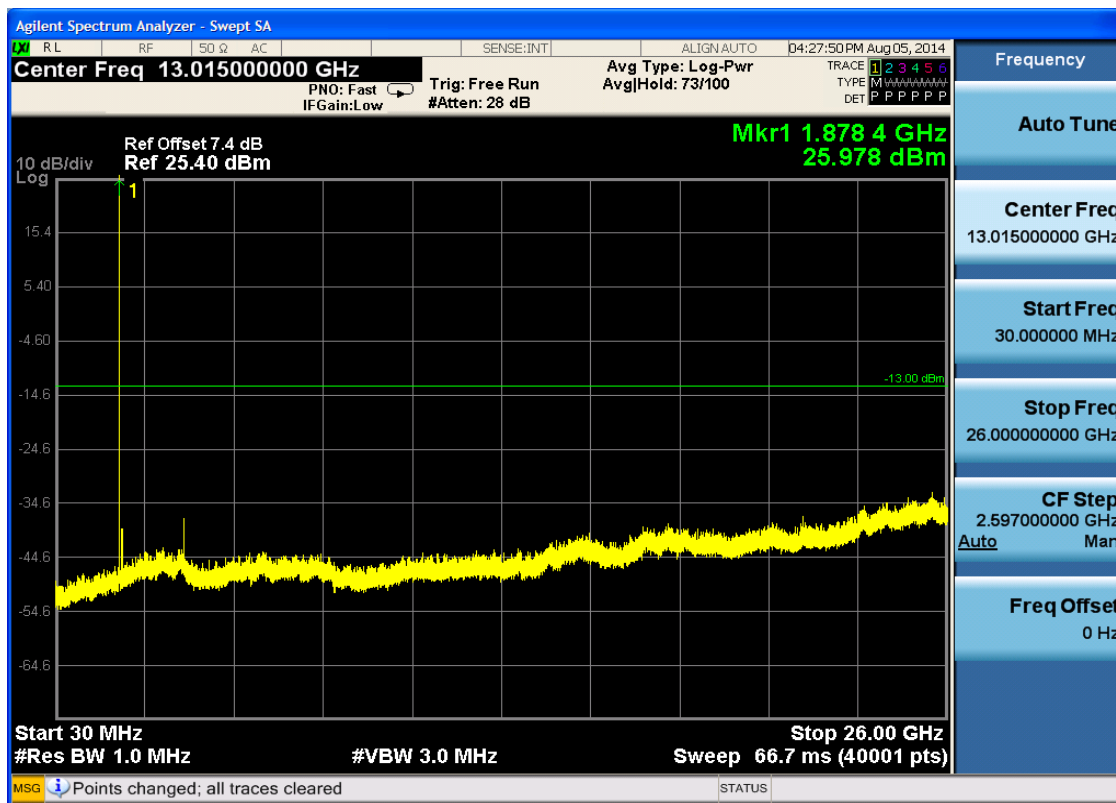


6.3.1.1.2.2 Test Channel = MCH

6.3.1.1.2.2.1 Test RB = RB1#0

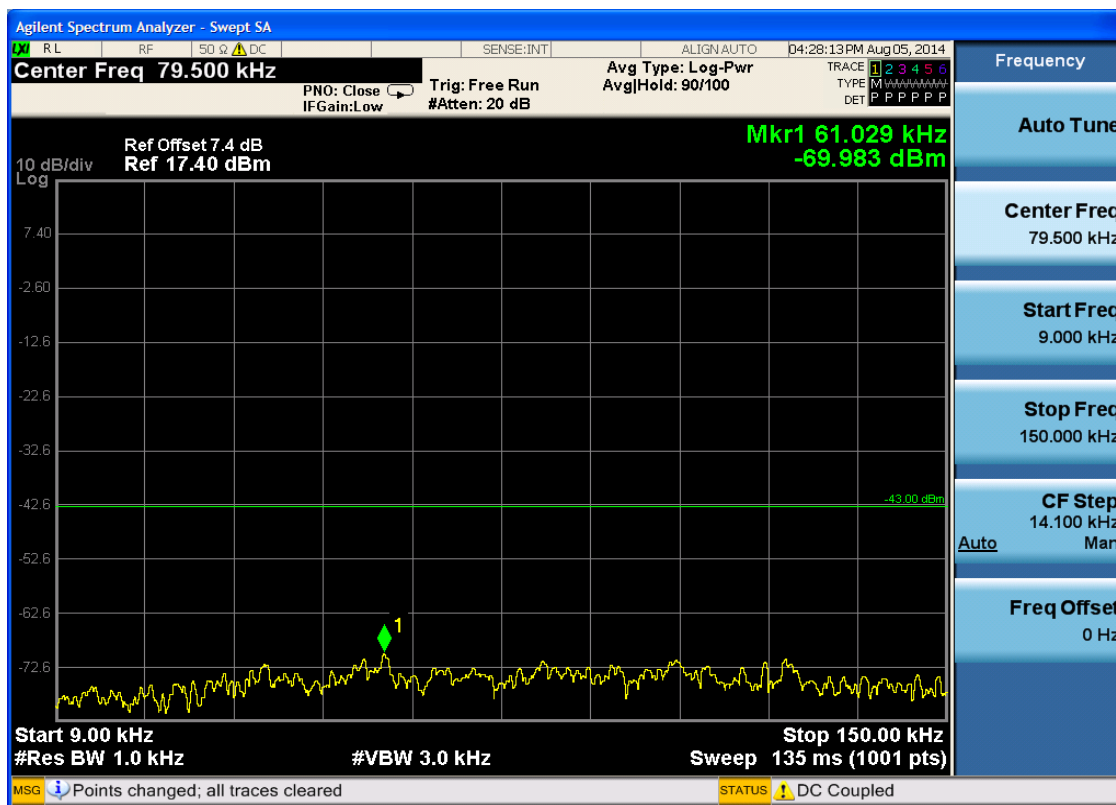


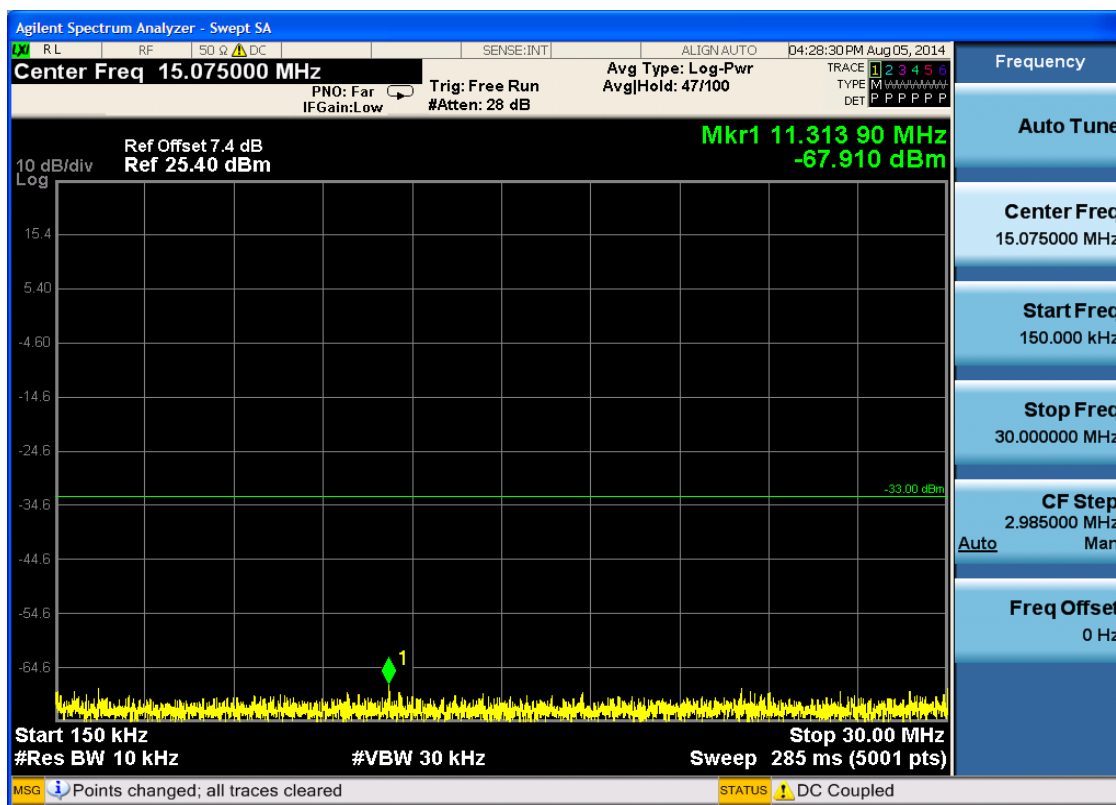


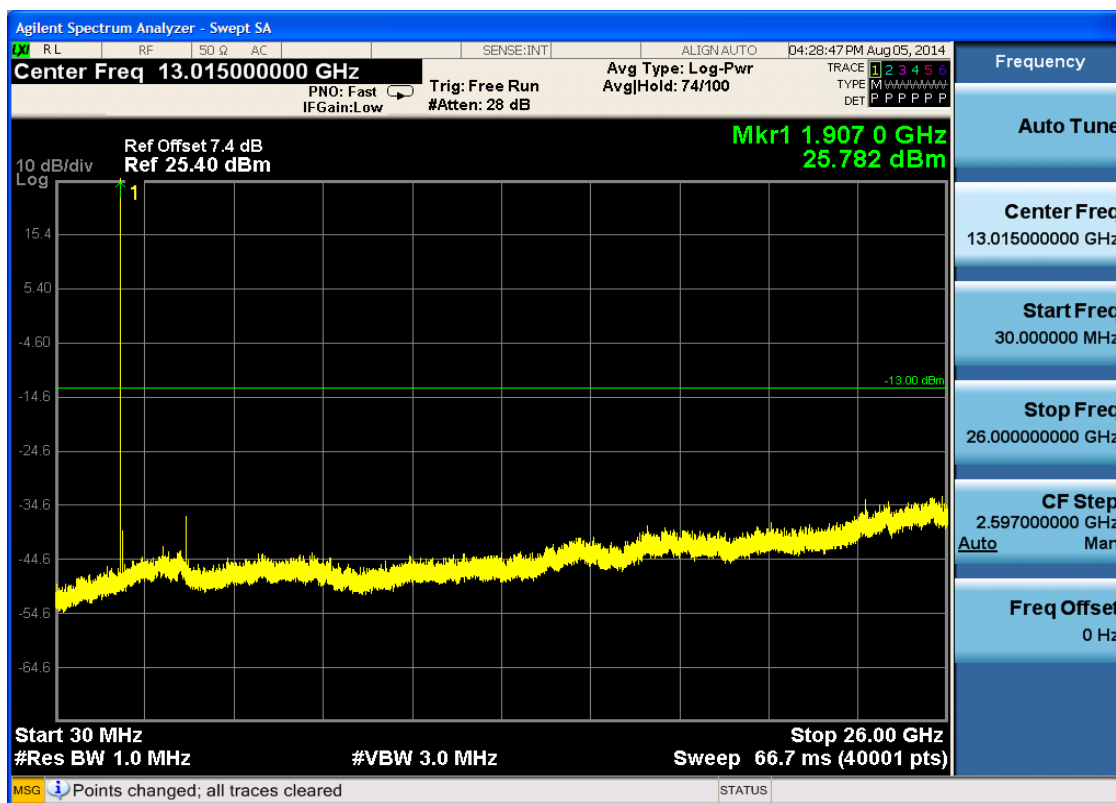


6.3.1.1.2.3 Test Channel = HCH

6.3.1.1.2.3.1 Test RB = RB1#0



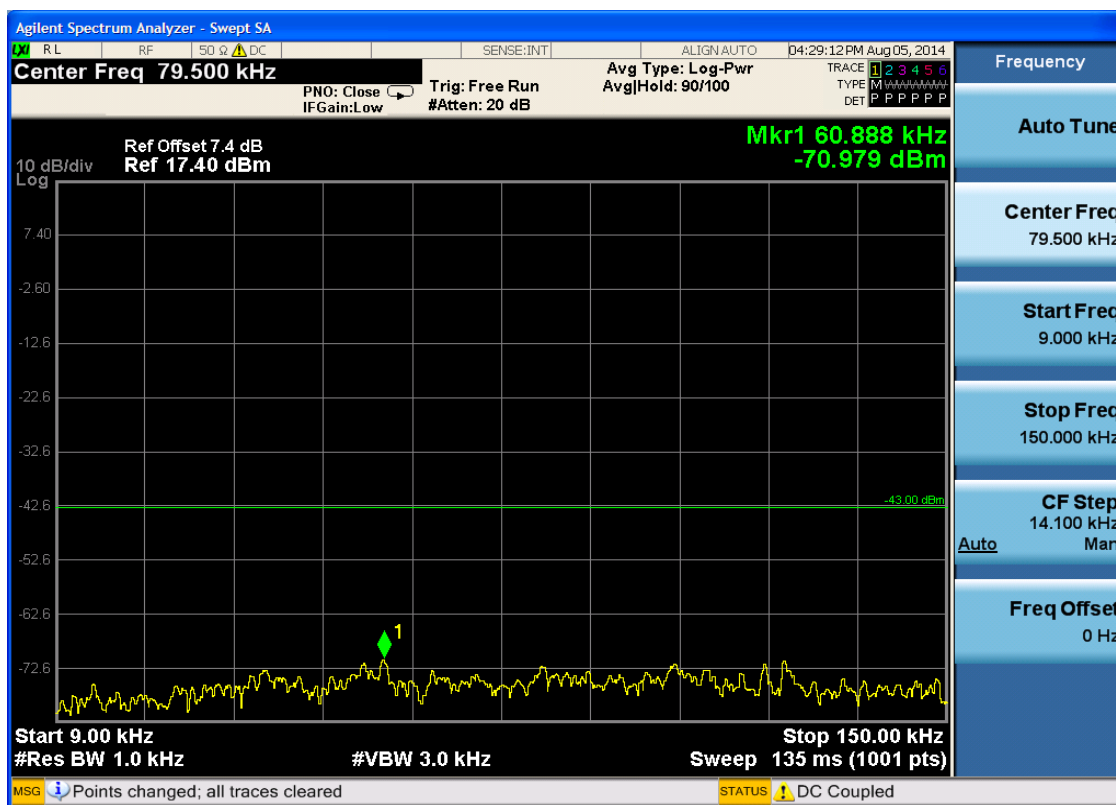


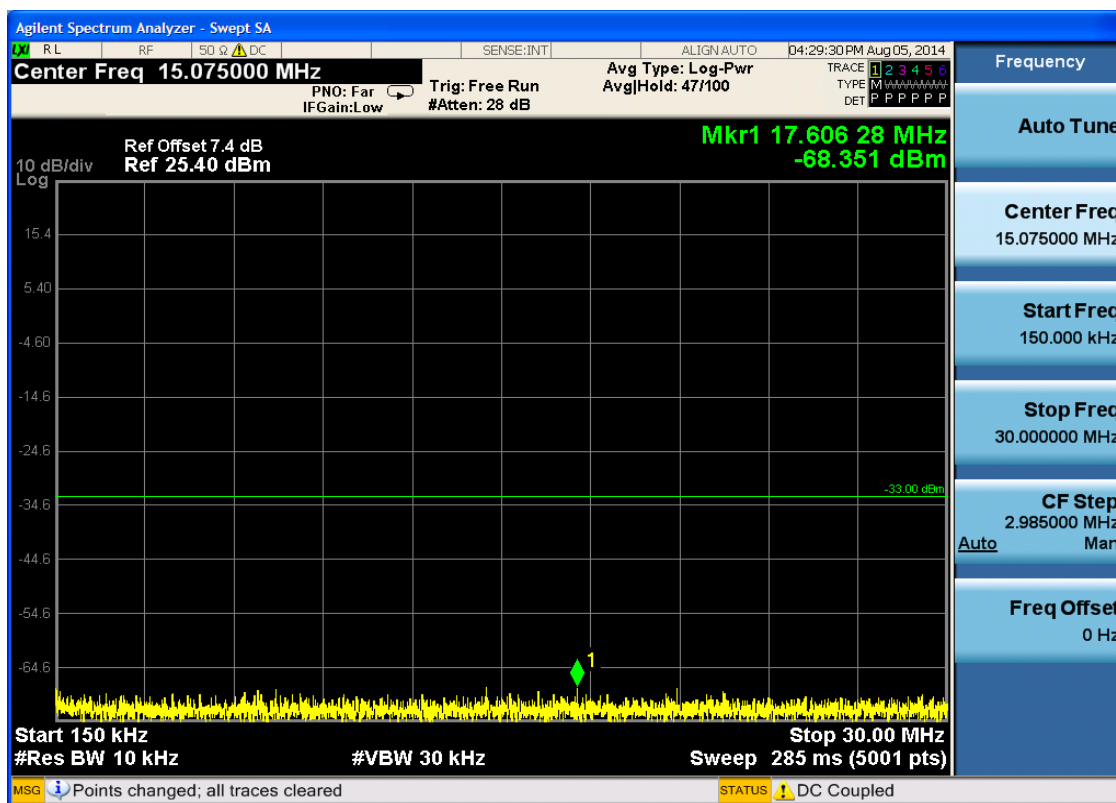


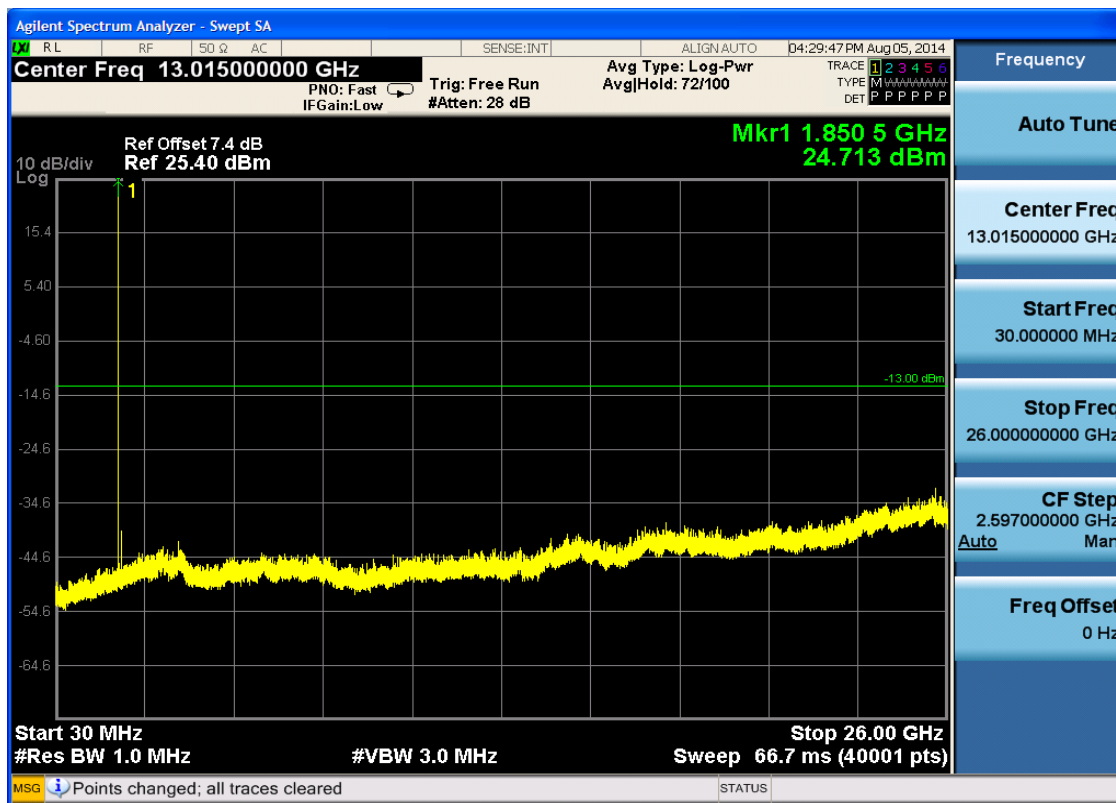
6.3.1.1.3 Test Bandwidth = 5

6.3.1.1.3.1 Test Channel = LCH

6.3.1.1.3.1.1 Test RB = RB1#0

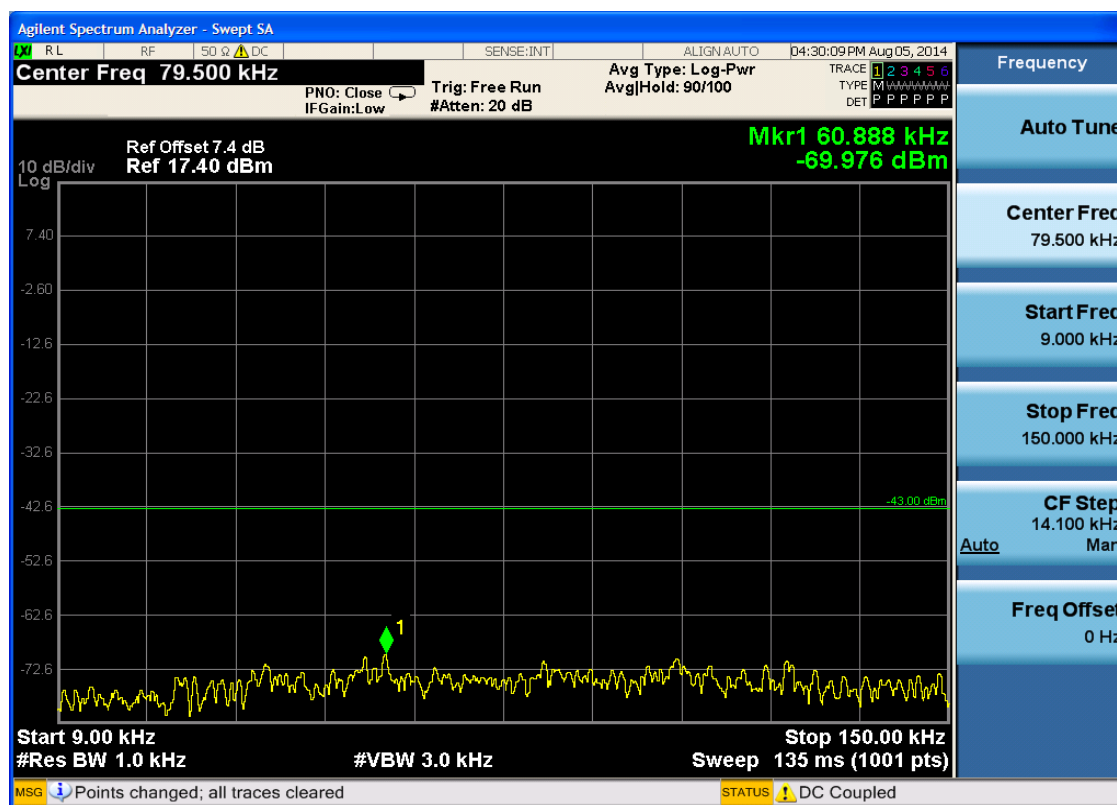


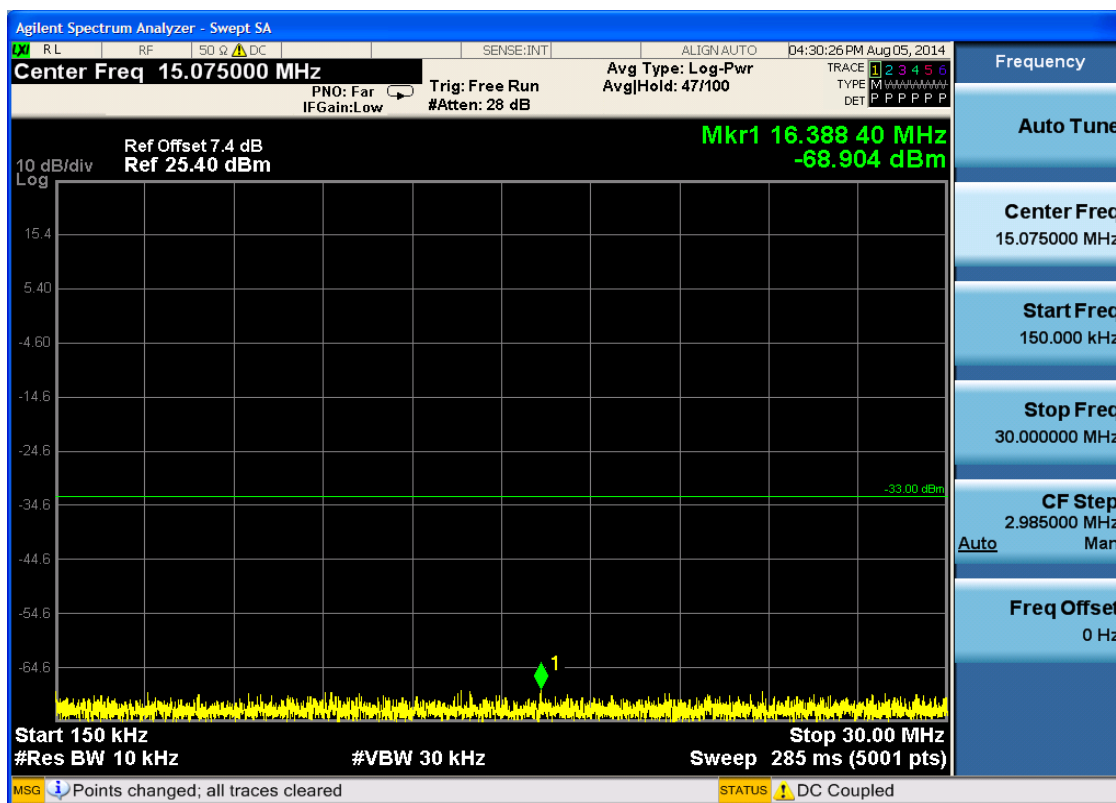


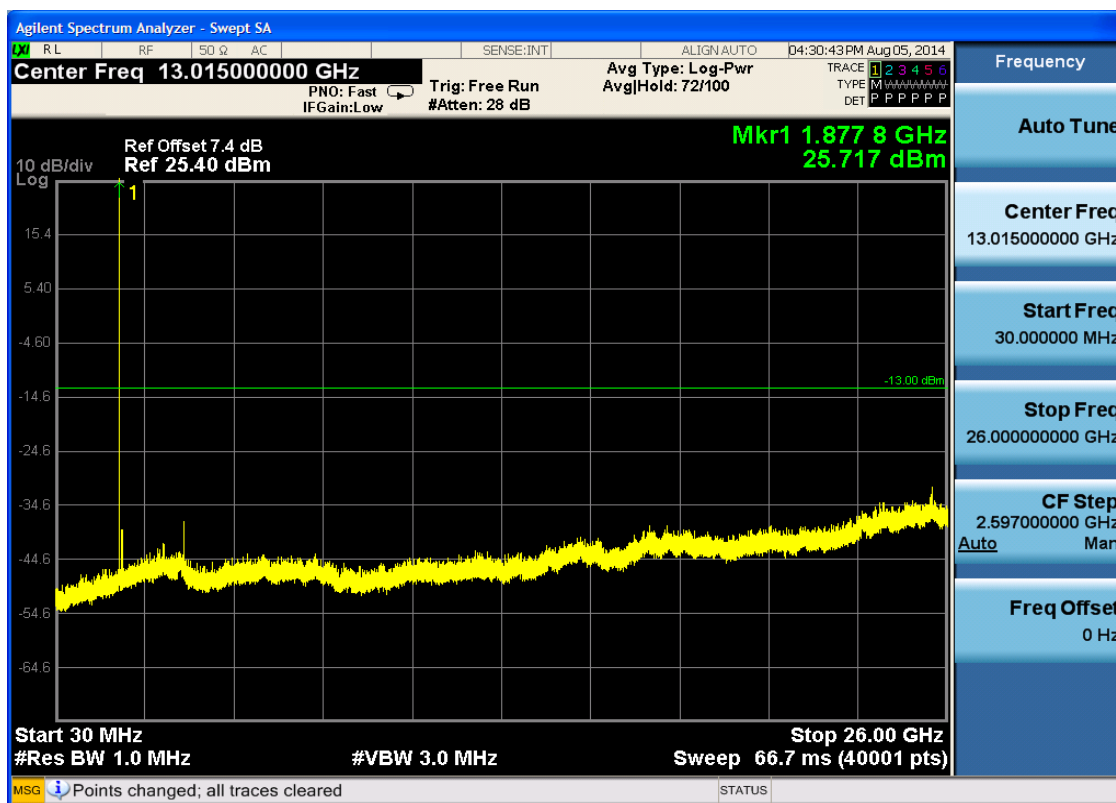




6.3.1.1.3.2.1 Test RB = RB1#0

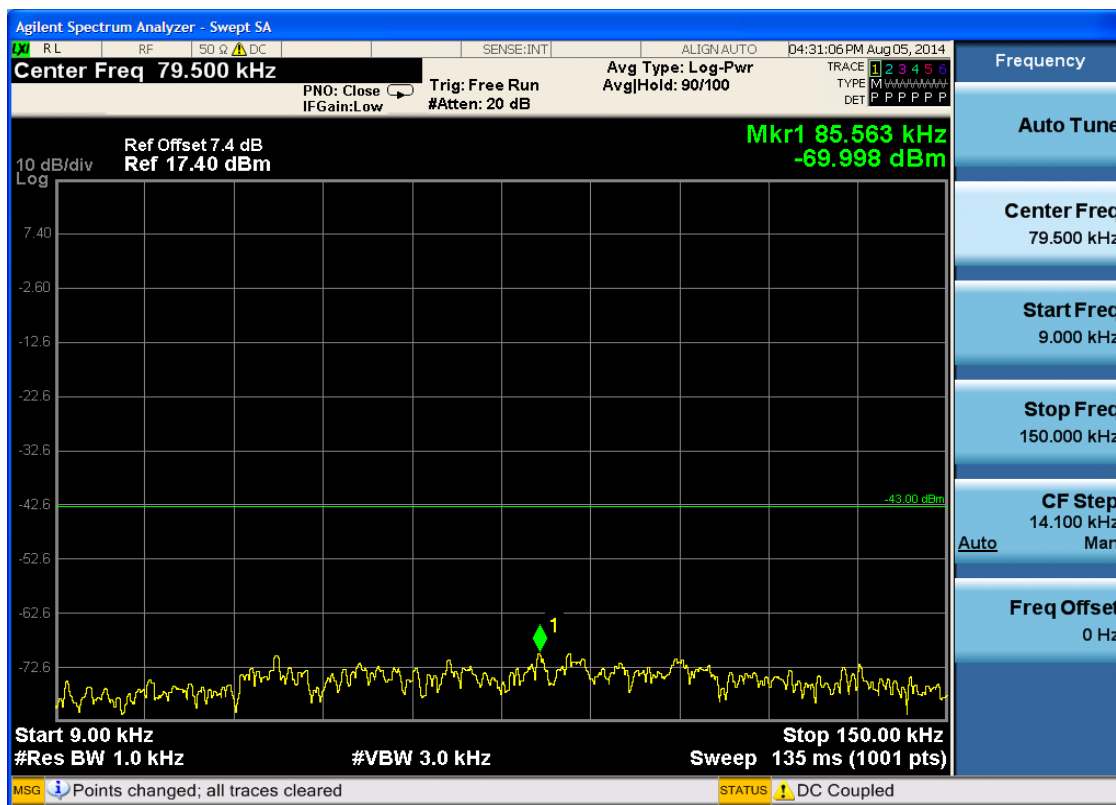


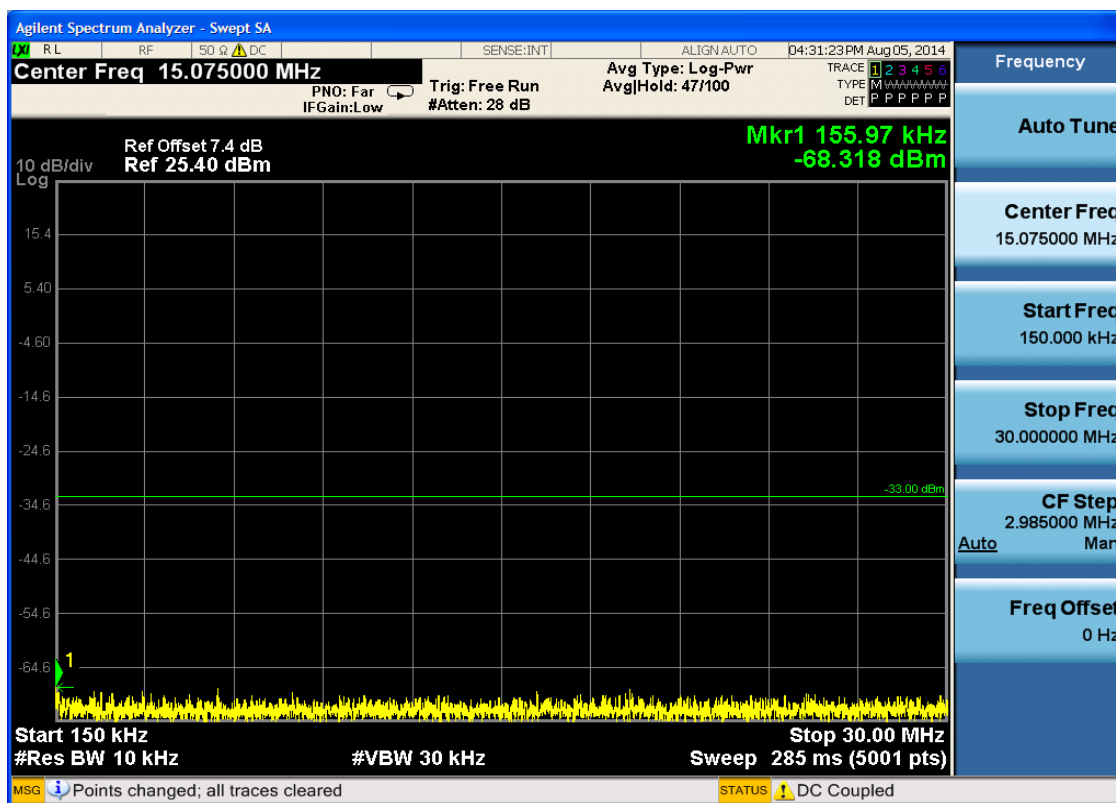


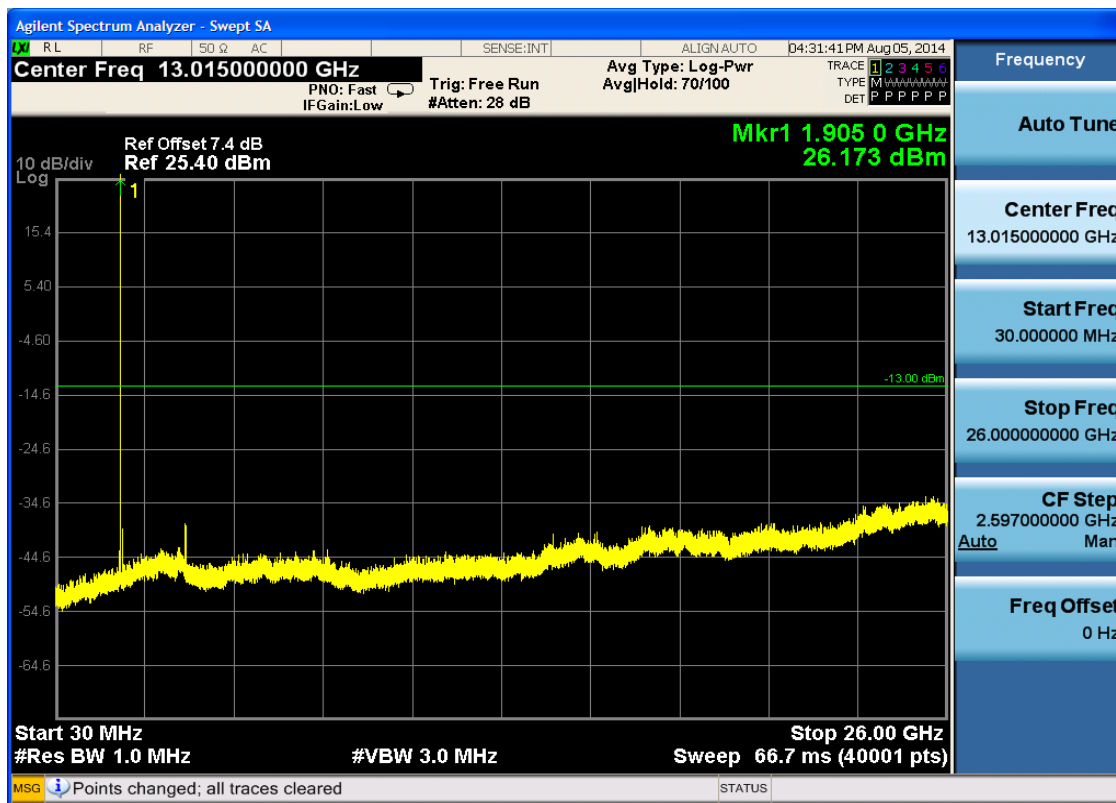


6.3.1.1.3.3 Test Channel = HCH

6.3.1.1.3.3.1 Test RB = RB1#0



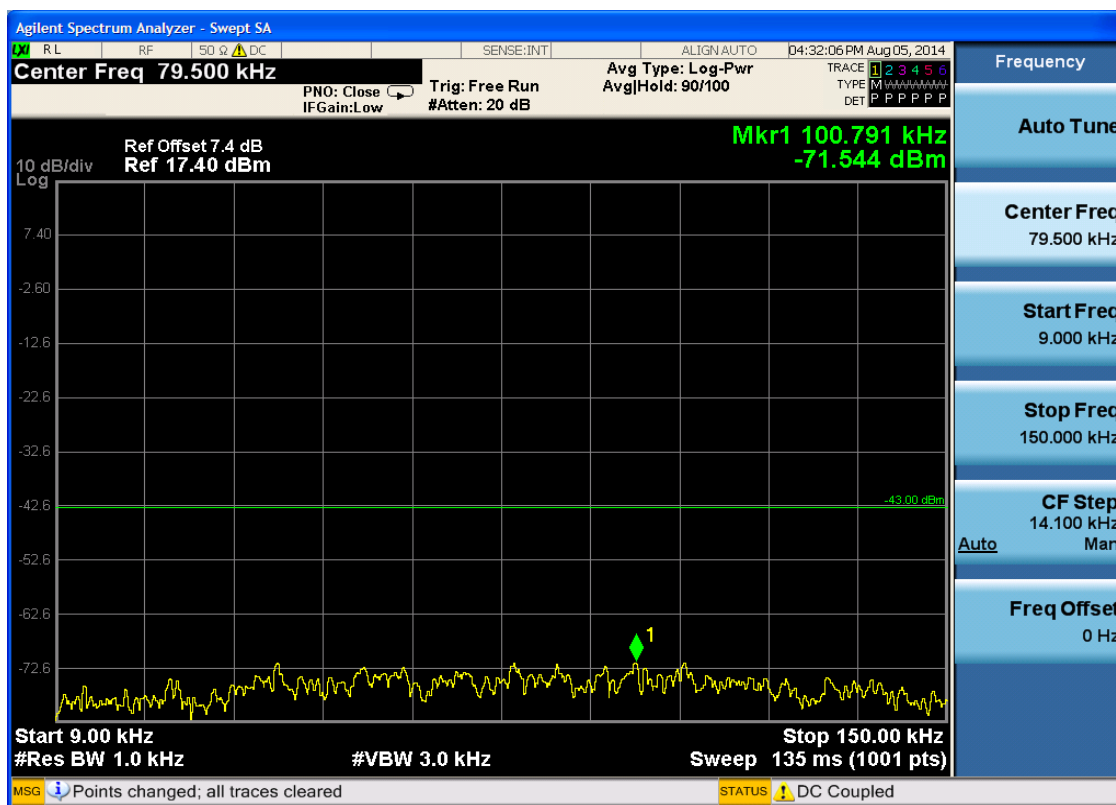


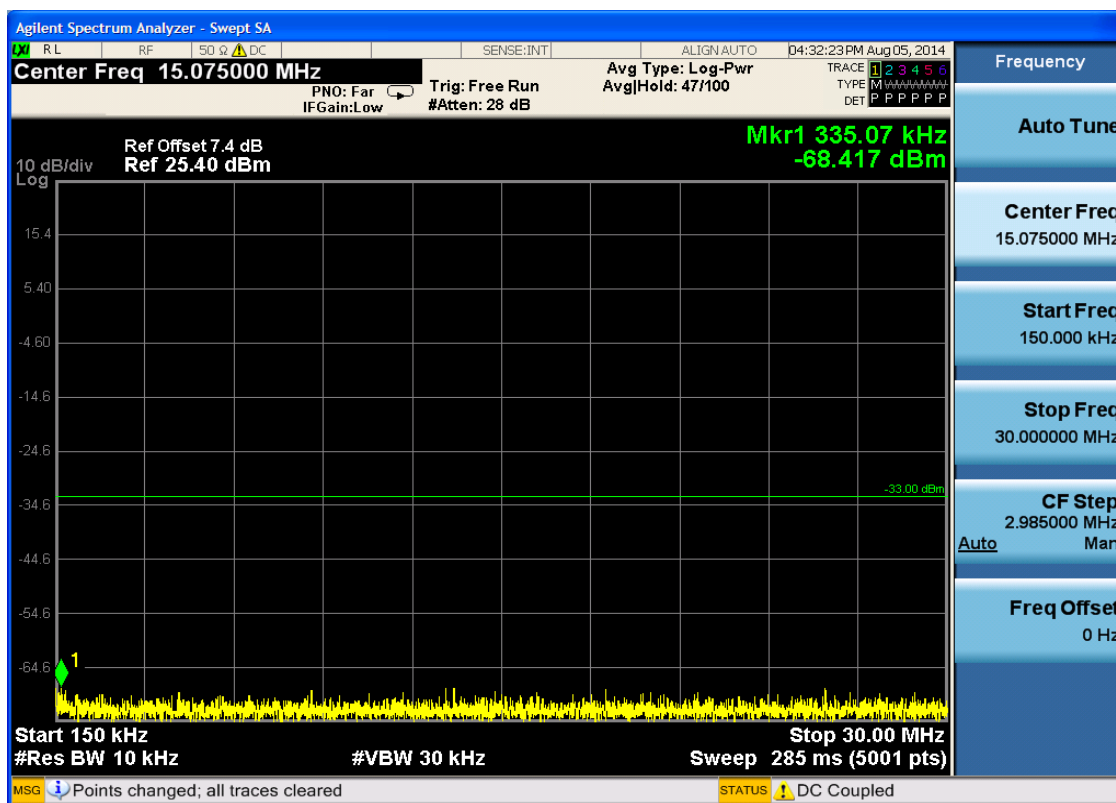


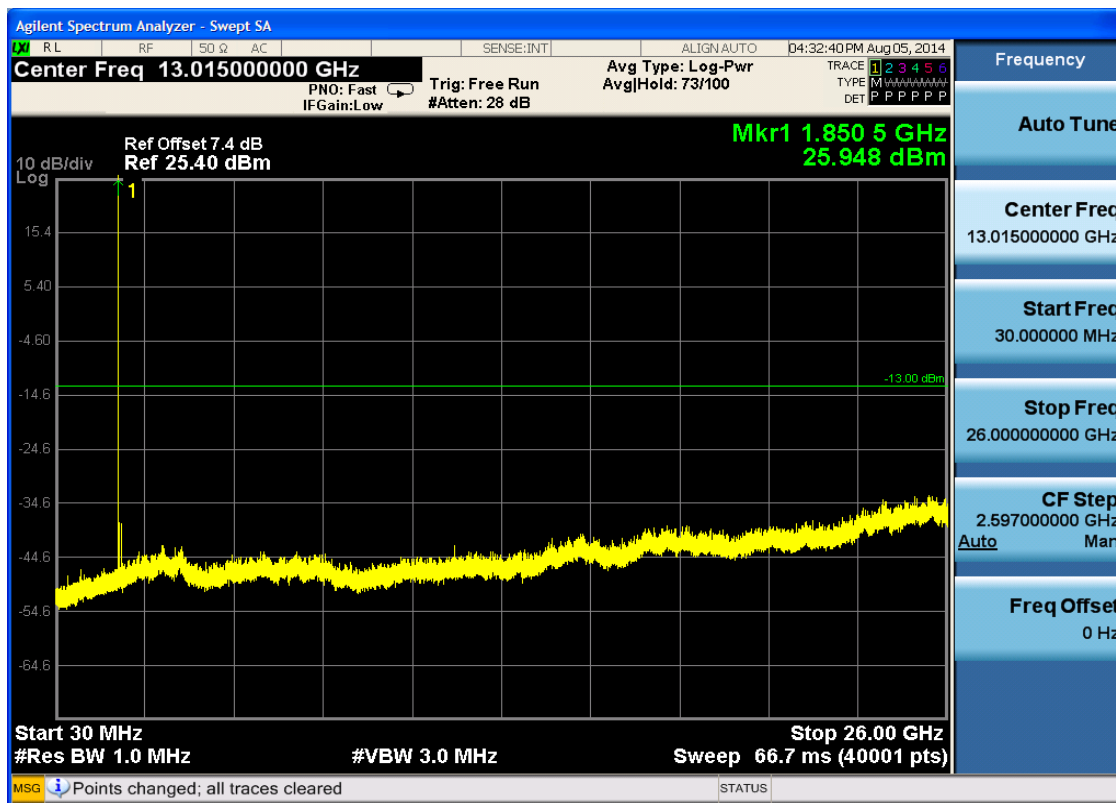
6.3.1.1.4 Test Bandwidth = 10

6.3.1.1.4.1 Test Channel = LCH

6.3.1.1.4.1.1 Test RB = RB1#0

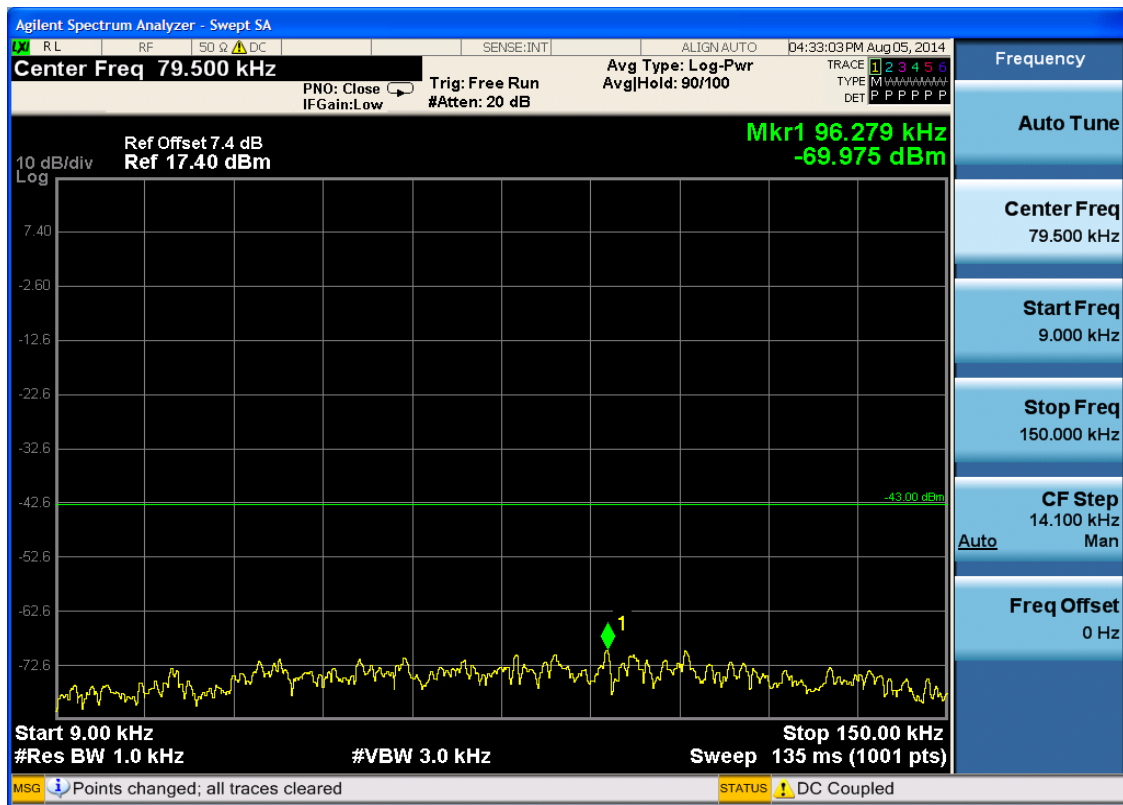


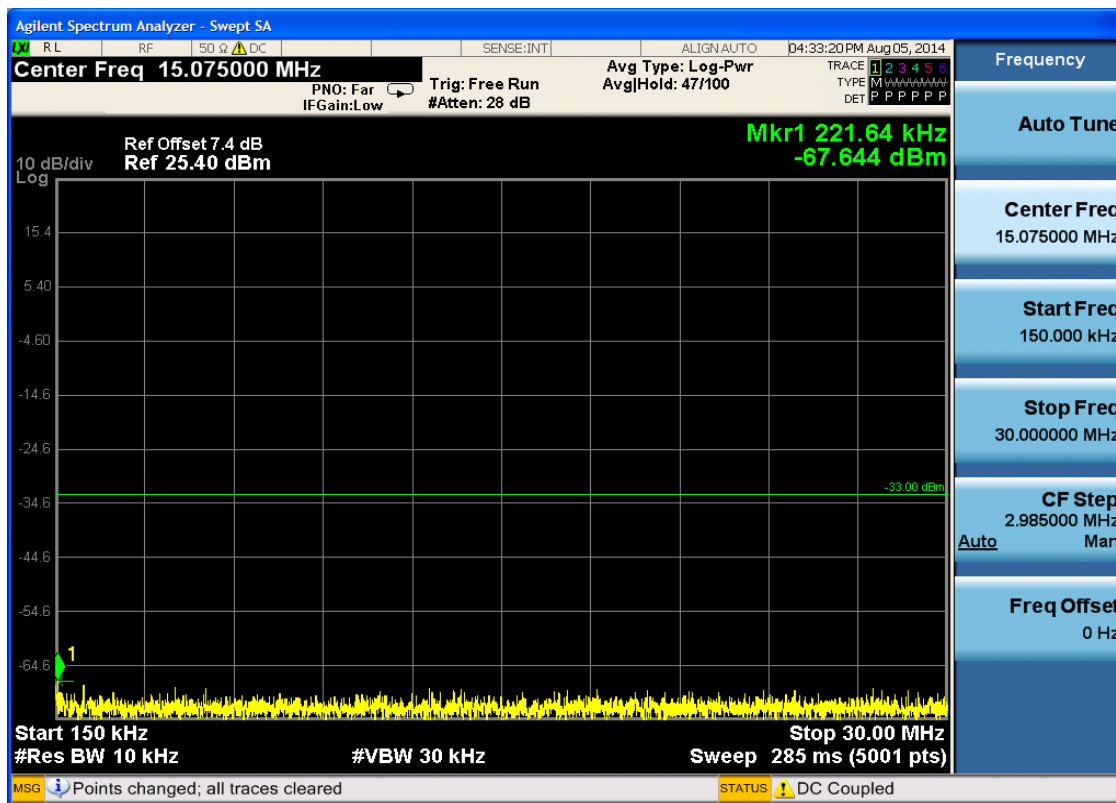


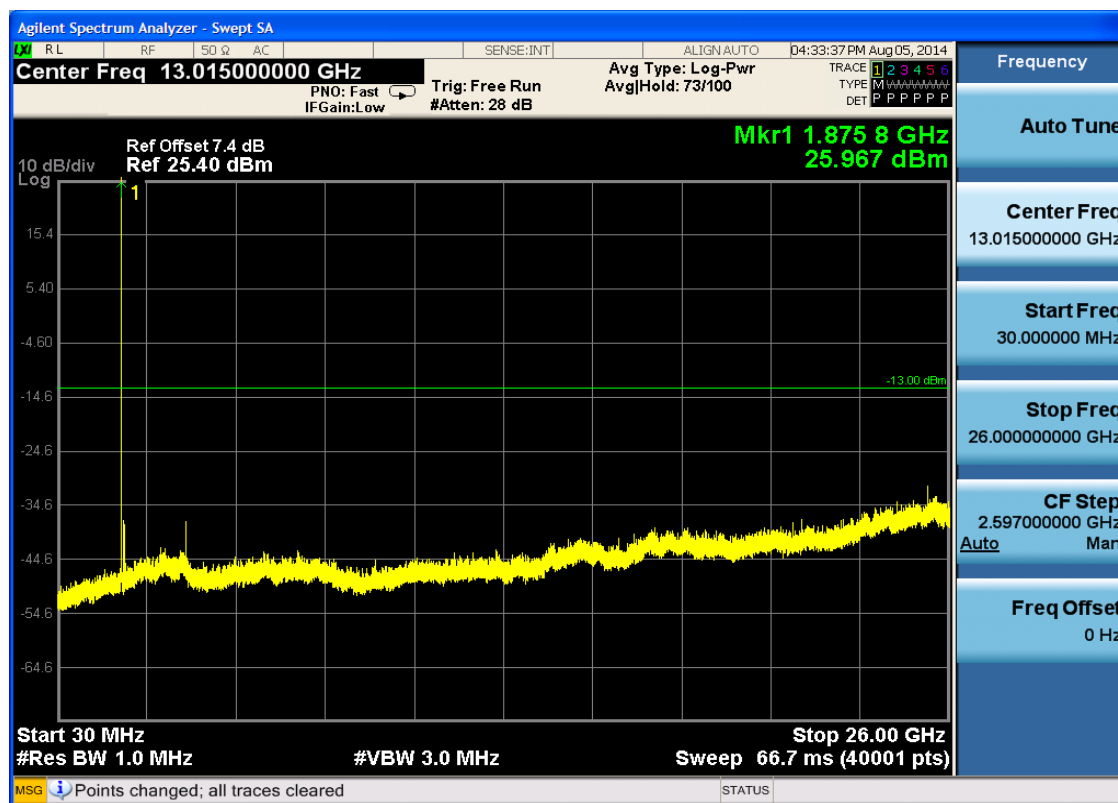


6.3.1.1.4.2 Test Channel = MCH

6.3.1.1.4.2.1 Test RB = RB1#0

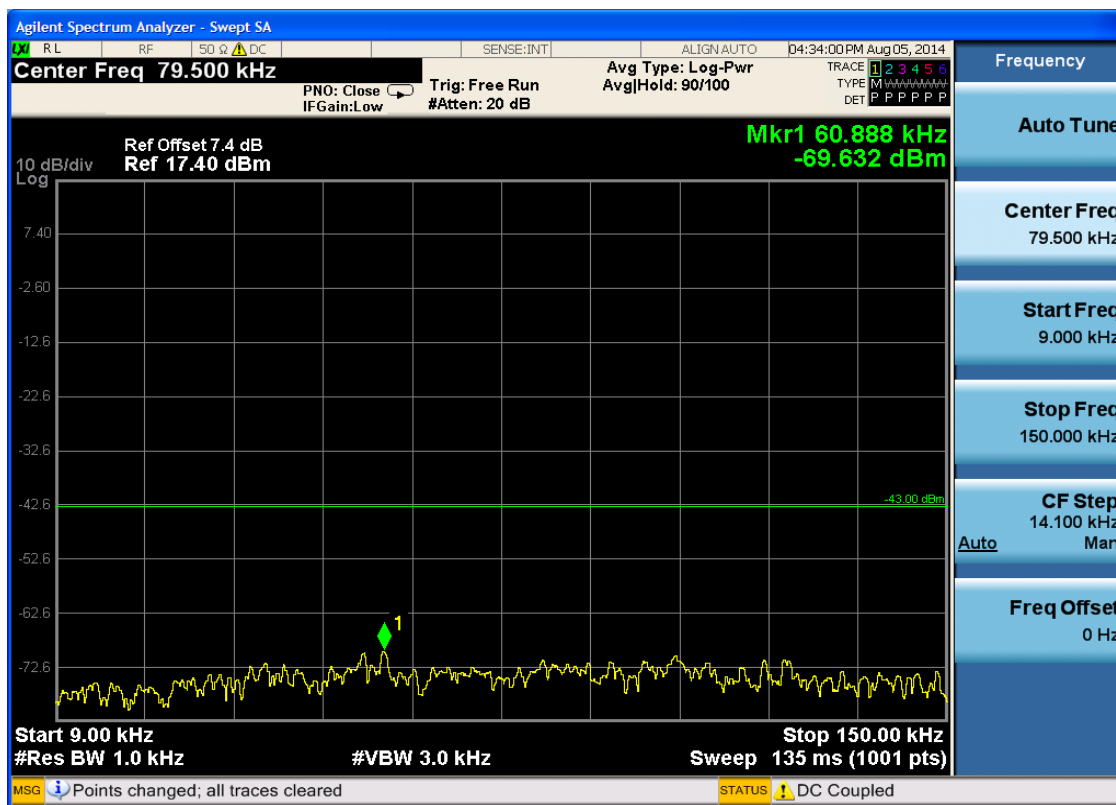


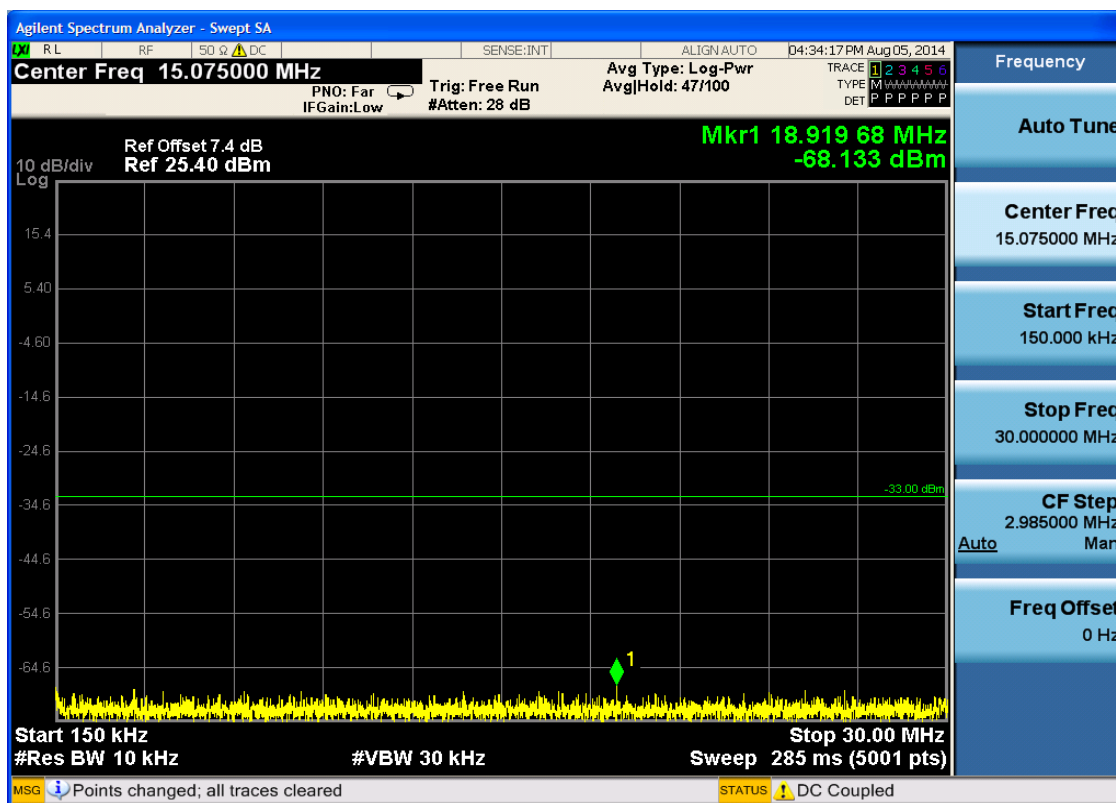


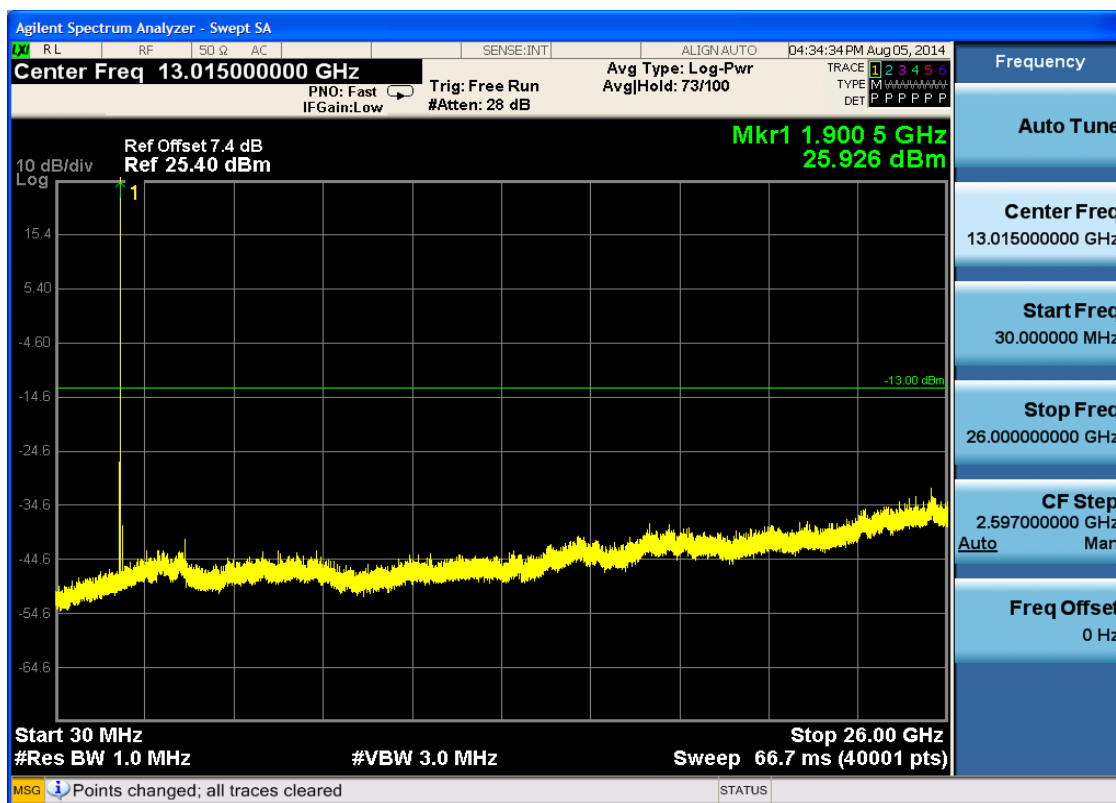


6.3.1.1.4.3 Test Channel = HCH

6.3.1.1.4.3.1 Test RB = RB1#0



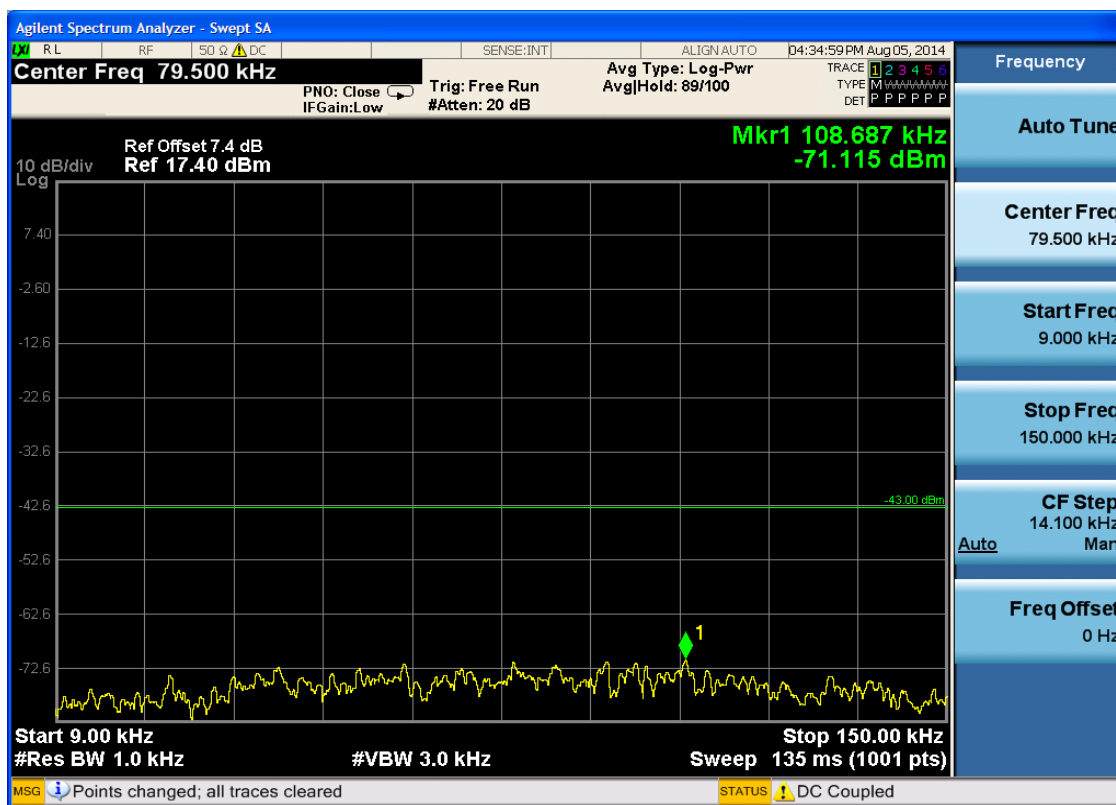


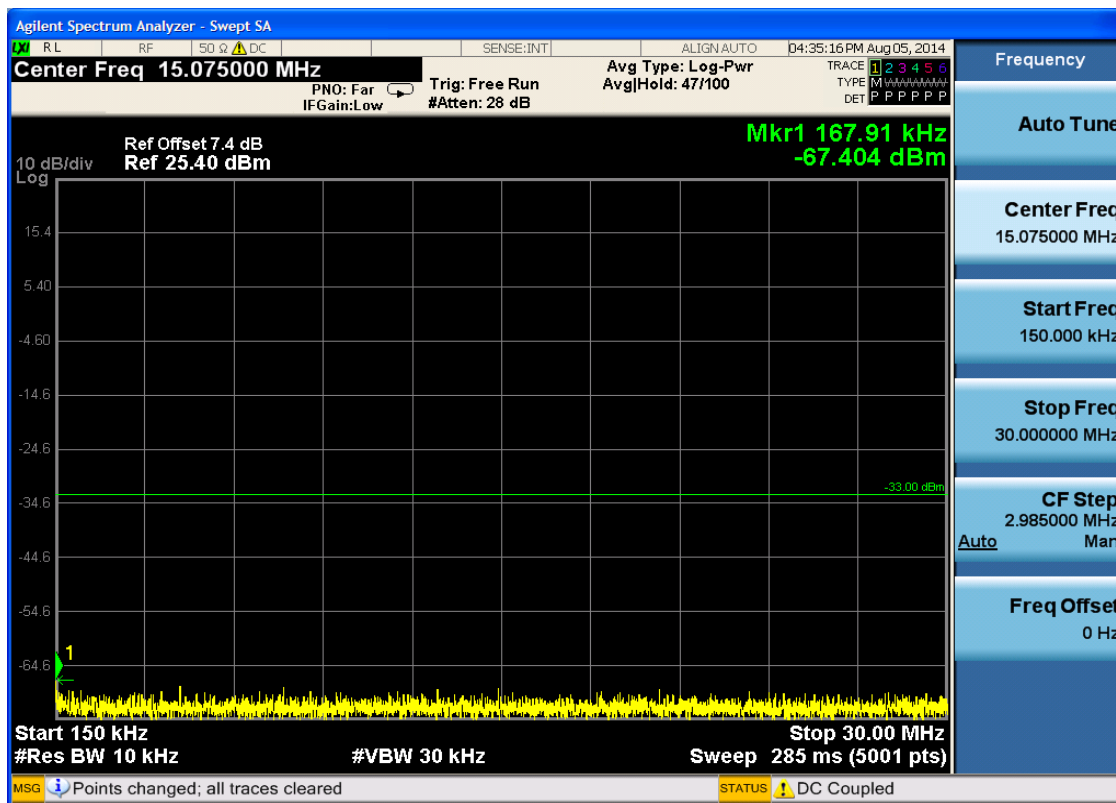


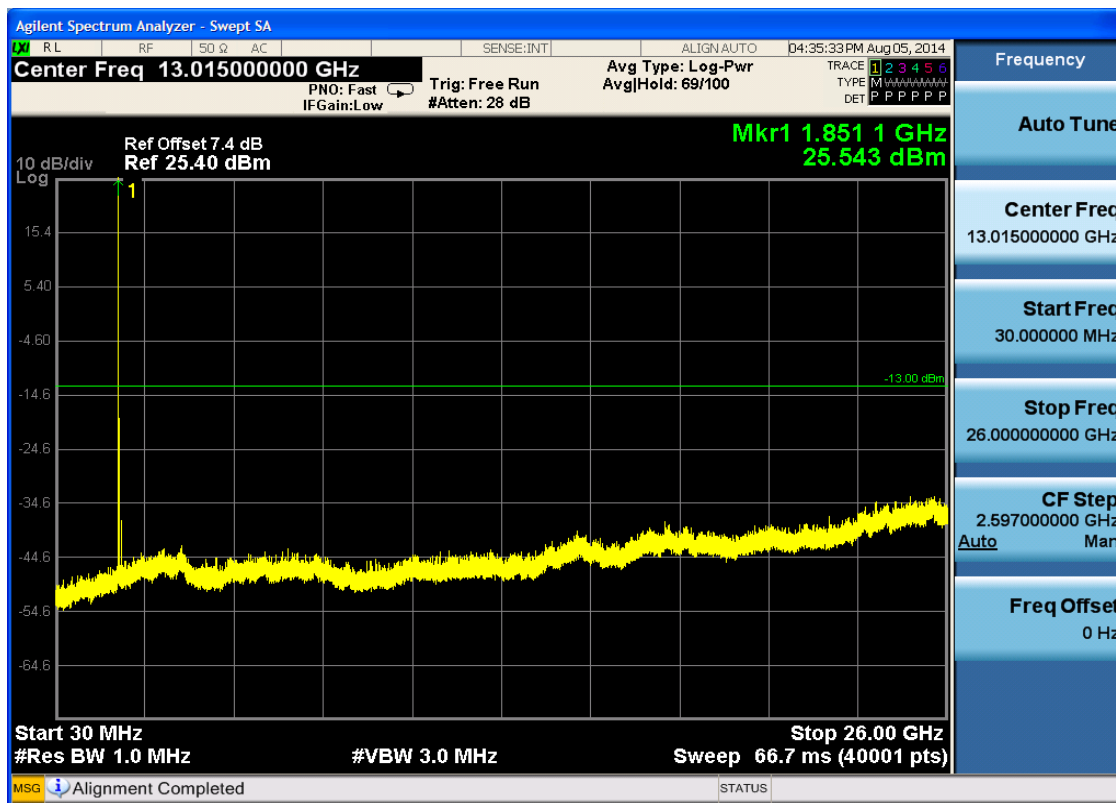
6.3.1.1.5 Test Bandwidth = 15

6.3.1.1.5.1 Test Channel = LCH

6.3.1.1.5.1.1 Test RB = RB1#0

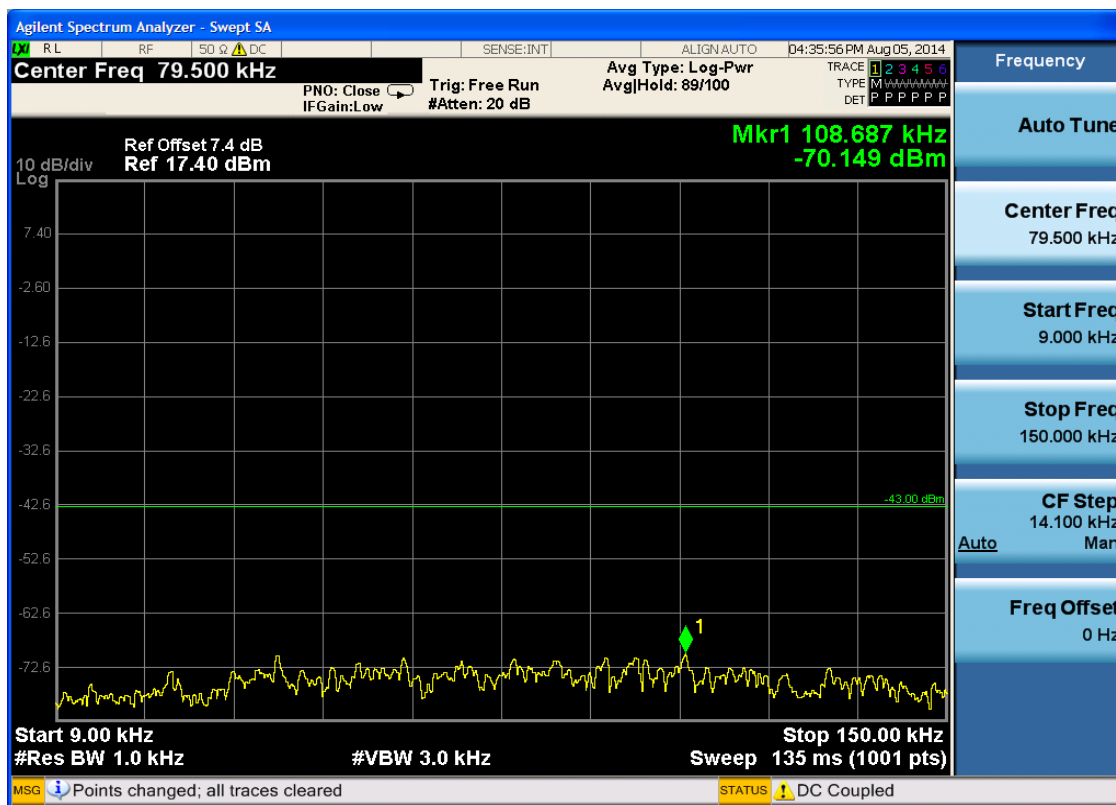


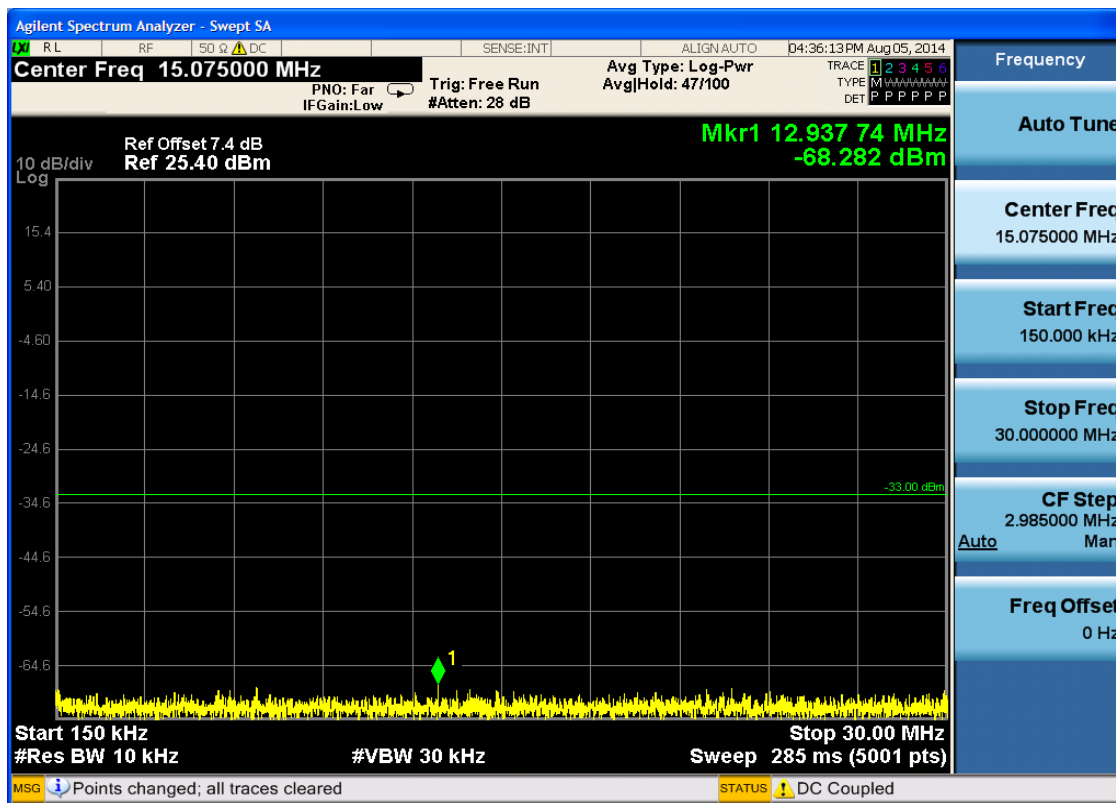


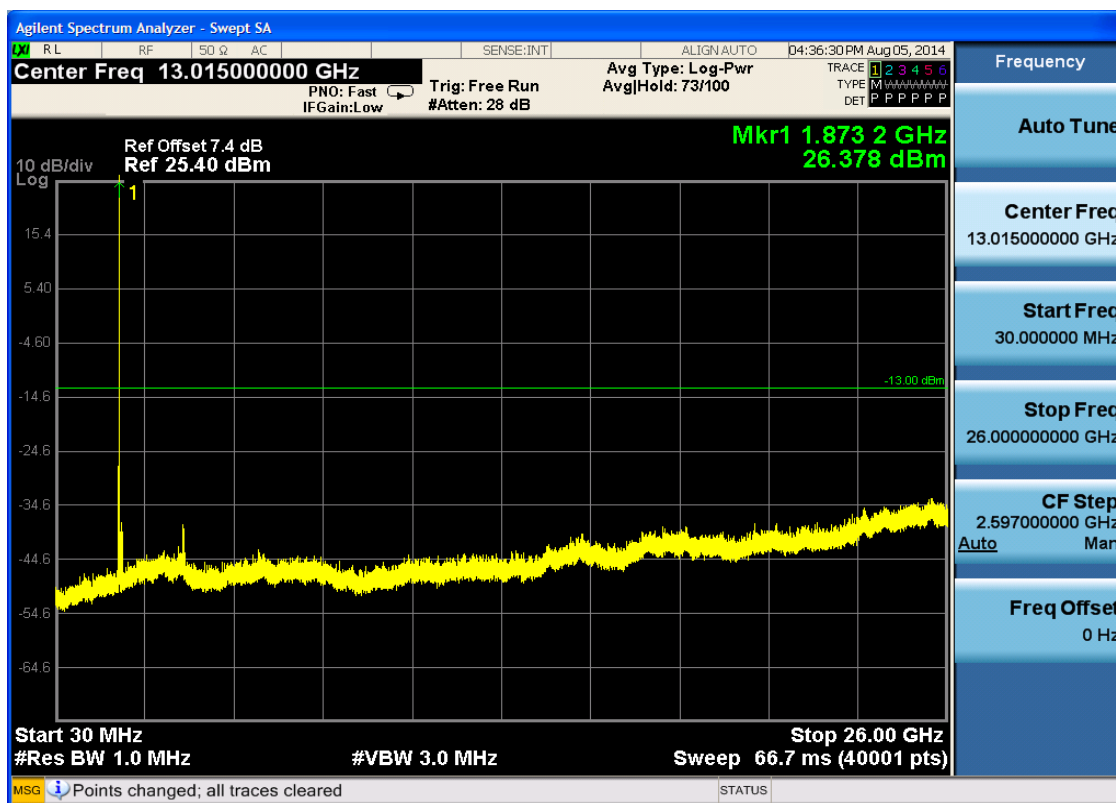


6.3.1.1.5.2 Test Channel = MCH

6.3.1.1.5.2.1 Test RB = RB1#0

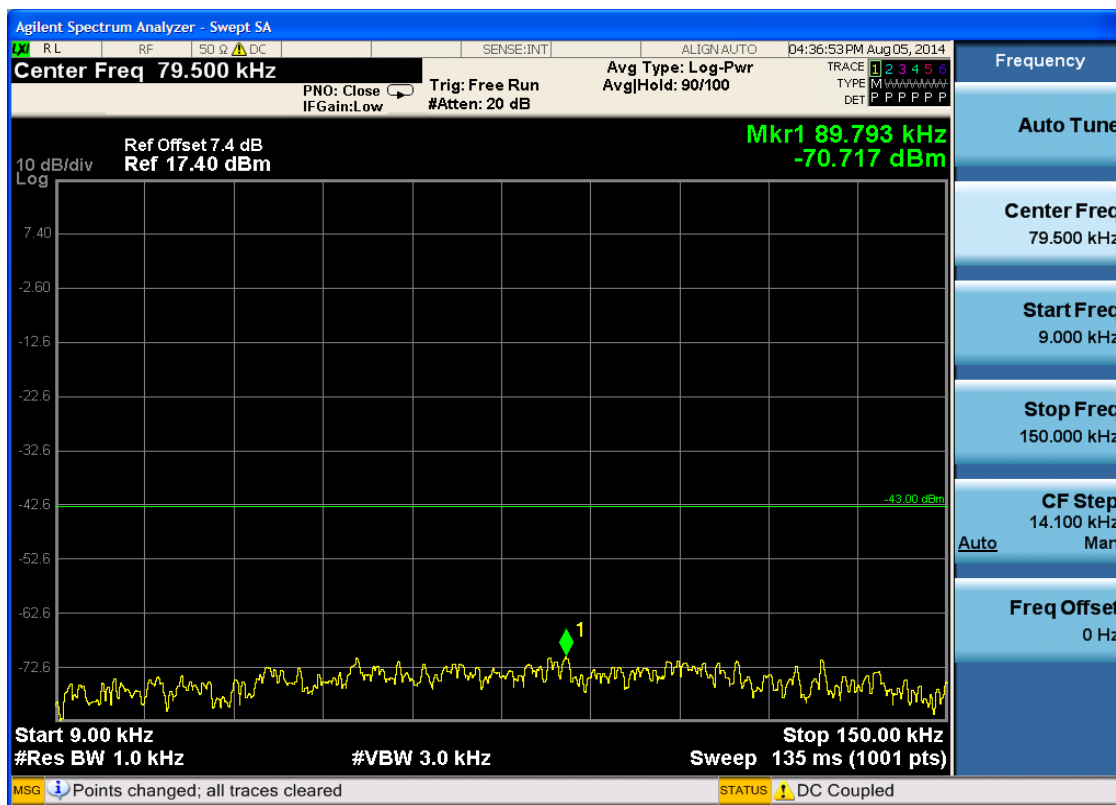


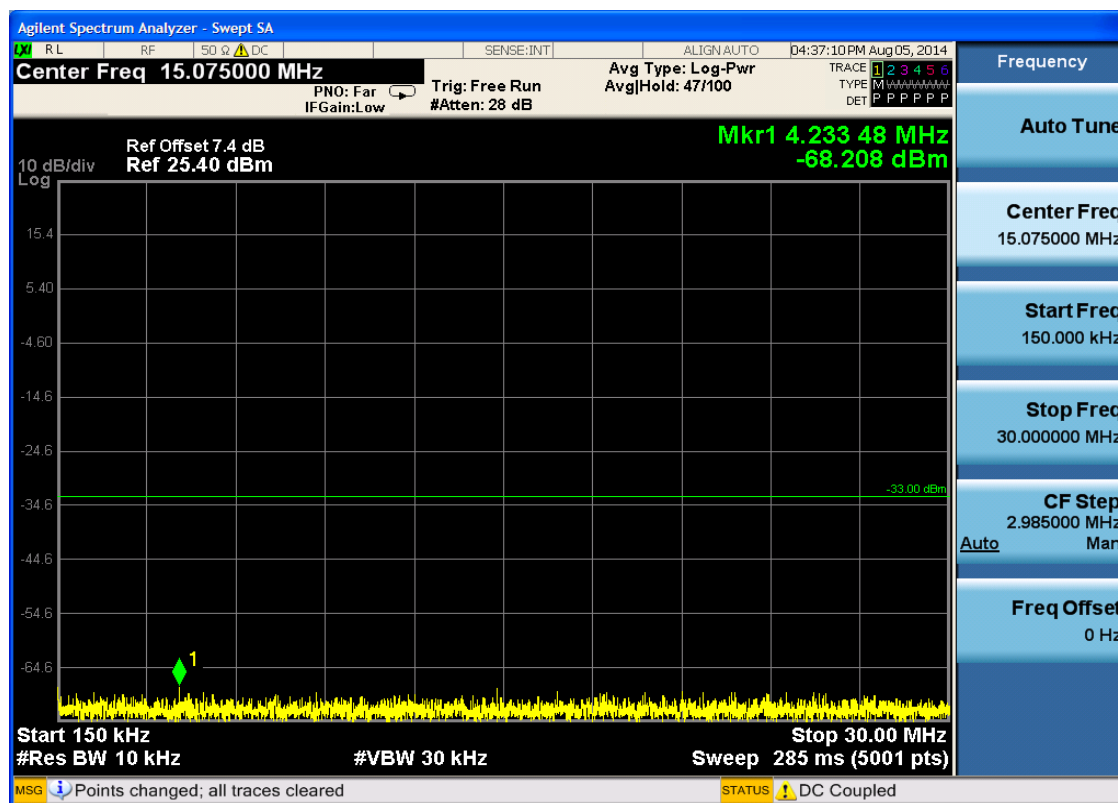


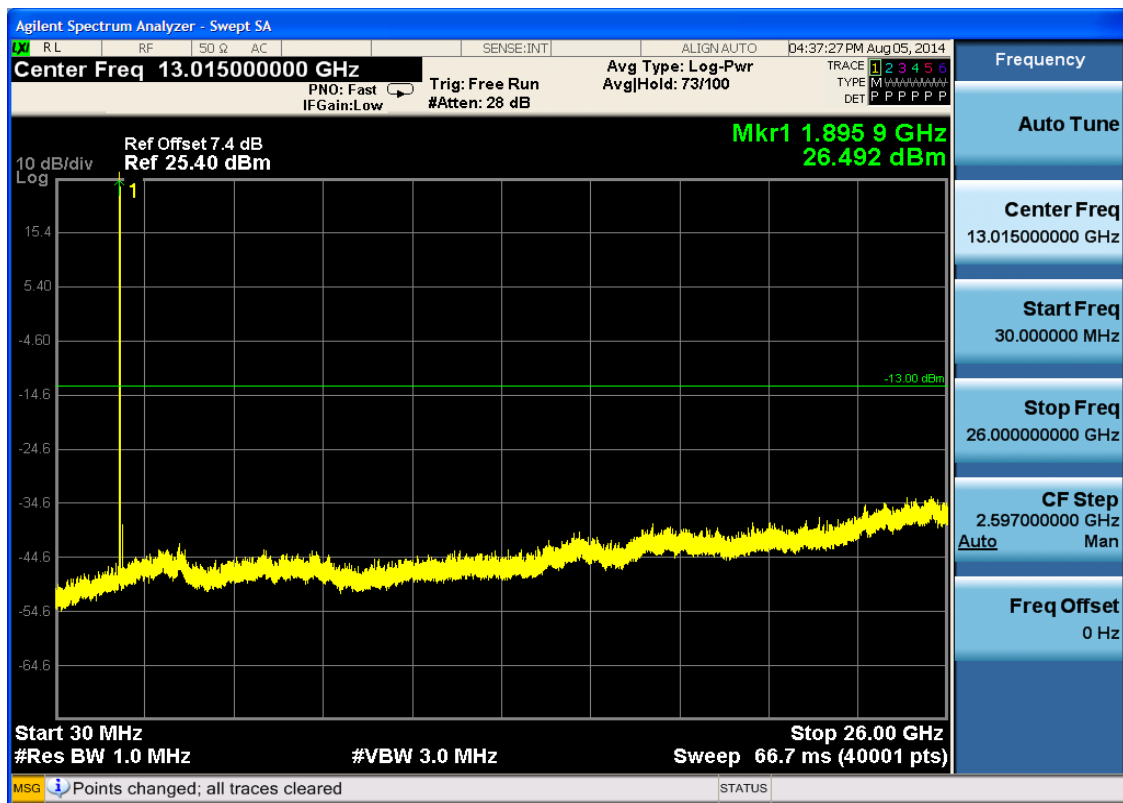


6.3.1.1.5.3 Test Channel = HCH

6.3.1.1.5.3.1 Test RB = RB1#0



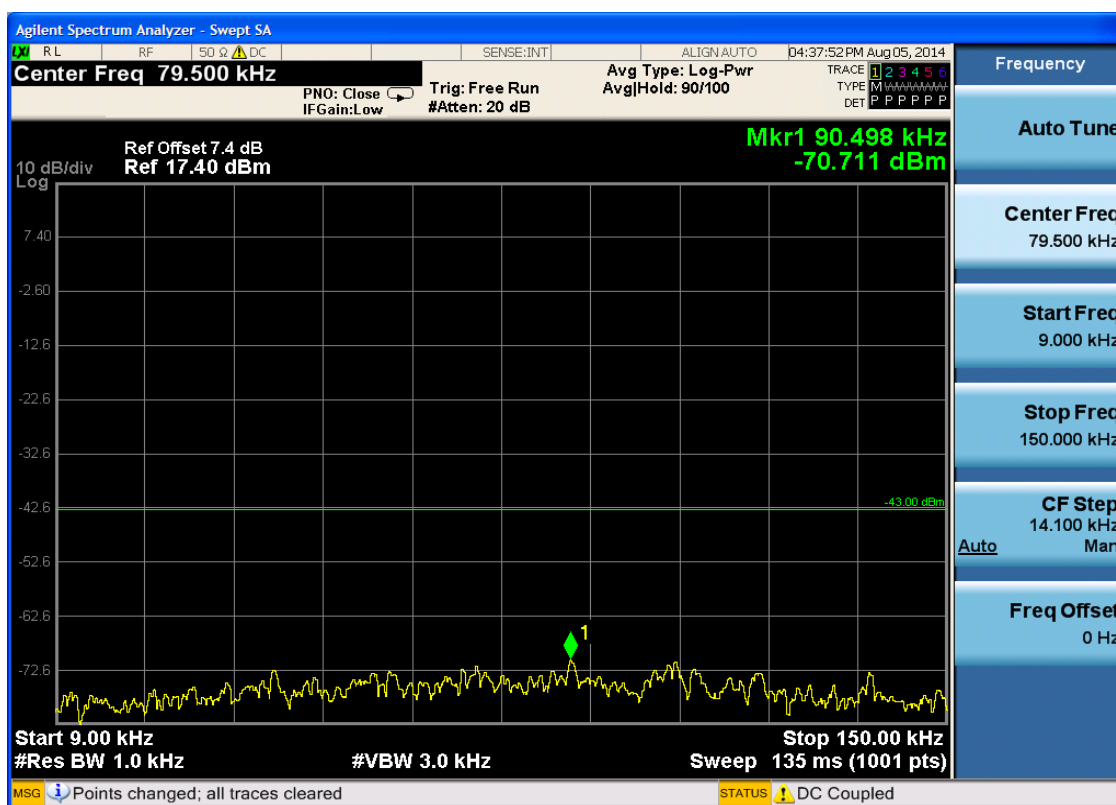


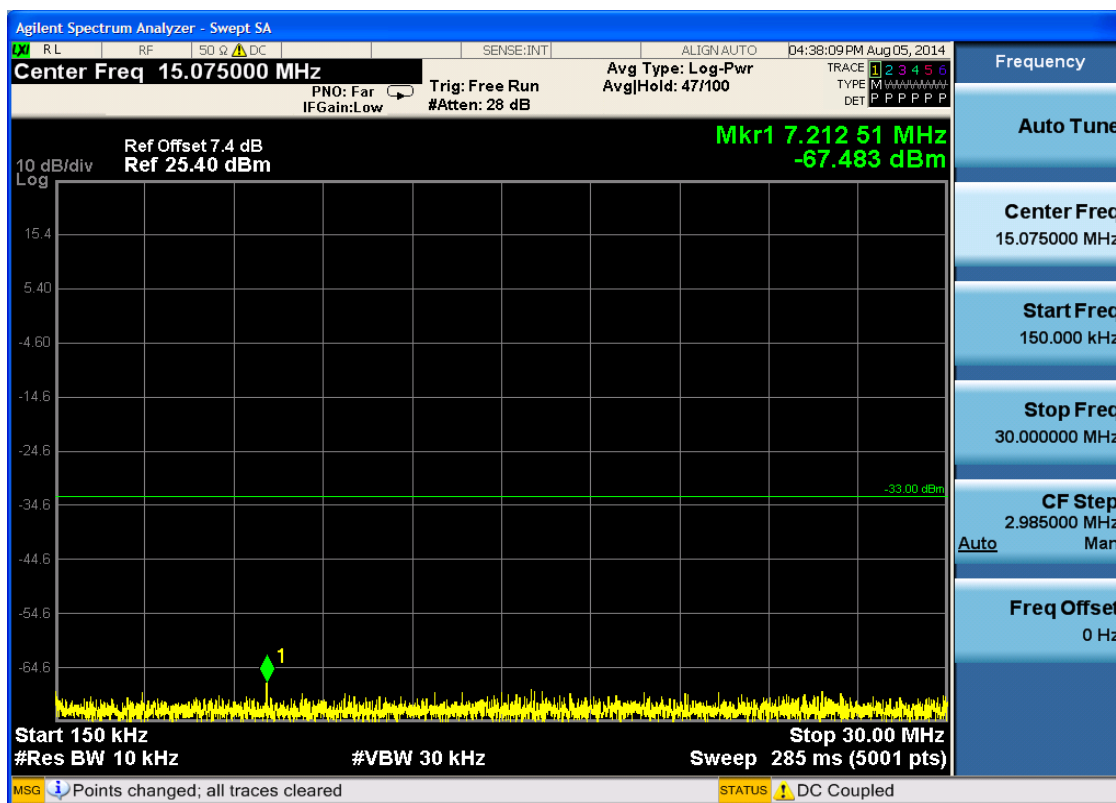


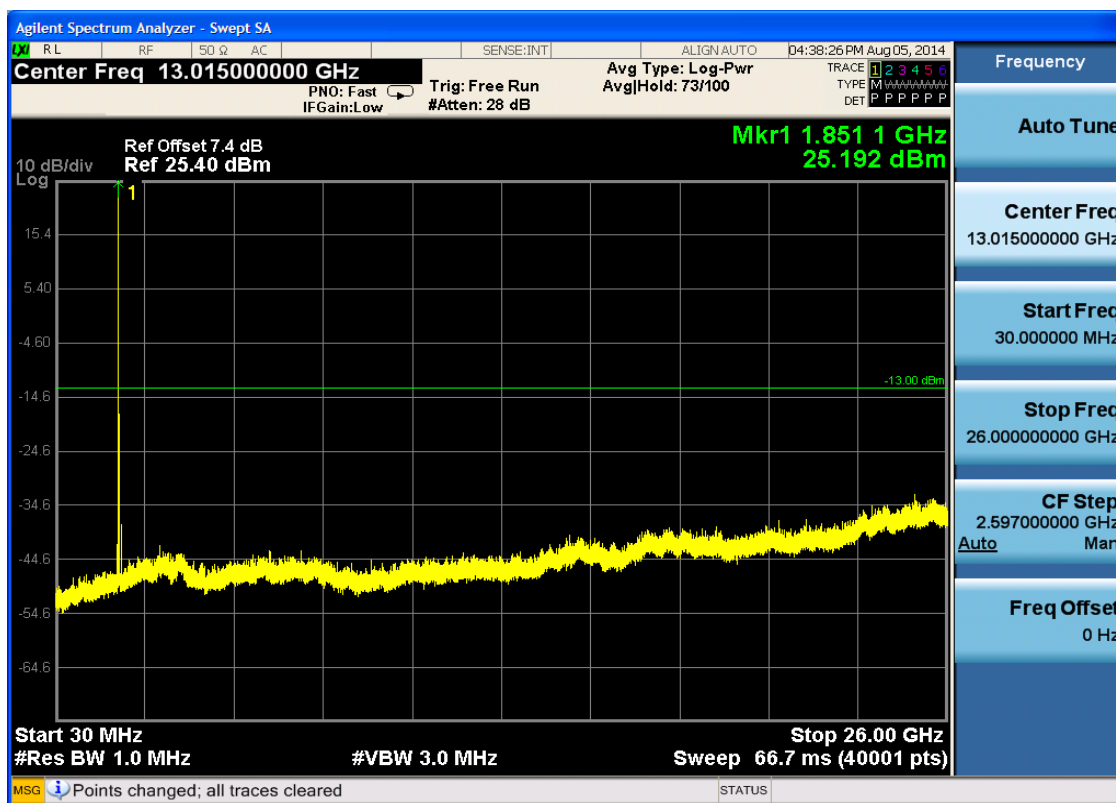
6.3.1.1.6 Test Bandwidth = 20

6.3.1.1.6.1 Test Channel = LCH

6.3.1.1.6.1.1 Test RB = RB1#0

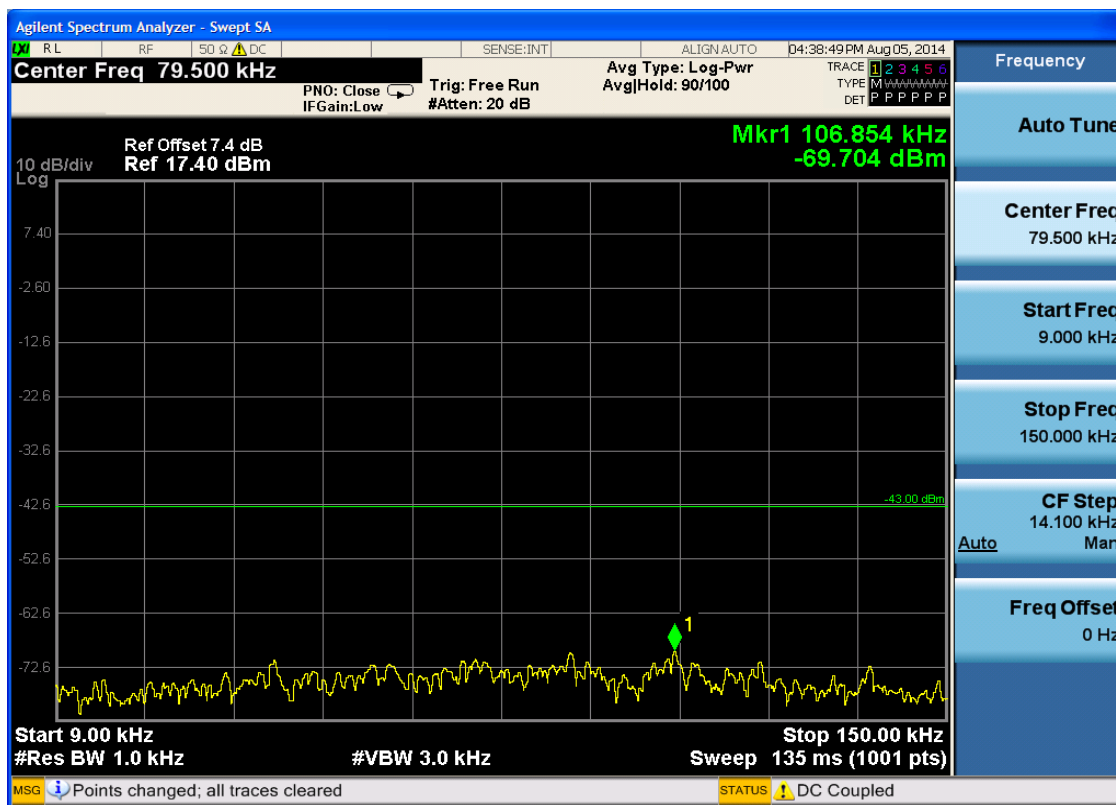


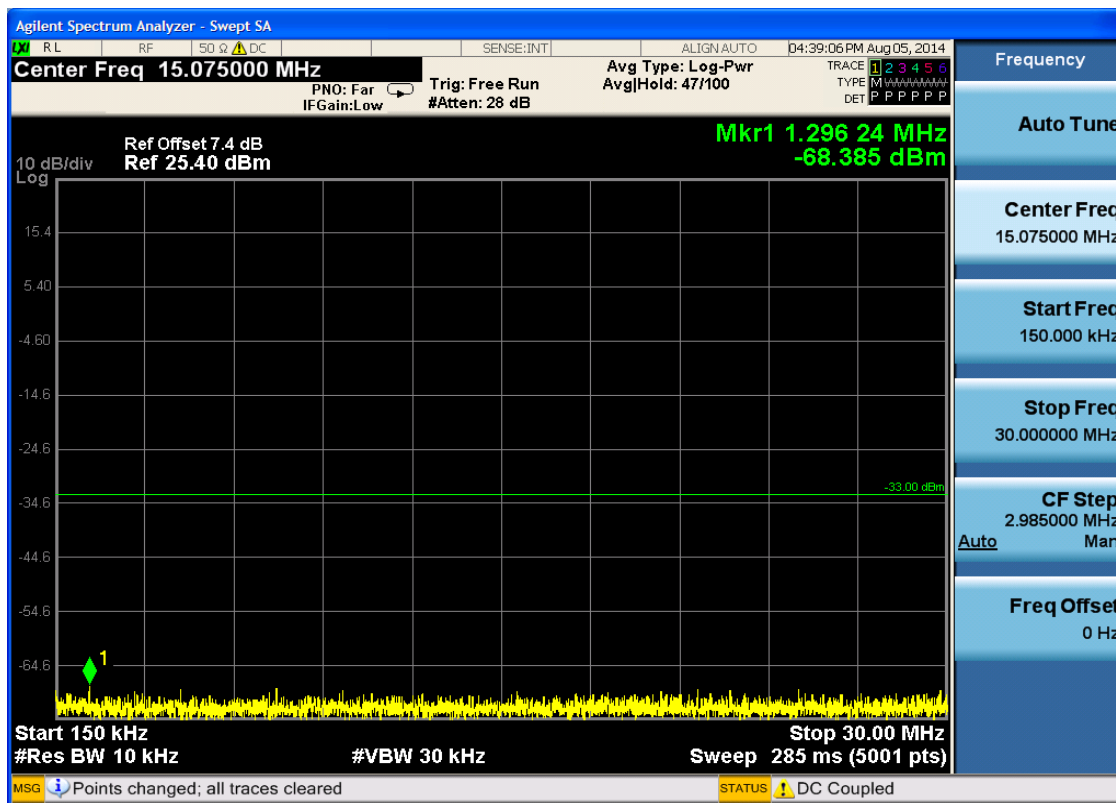


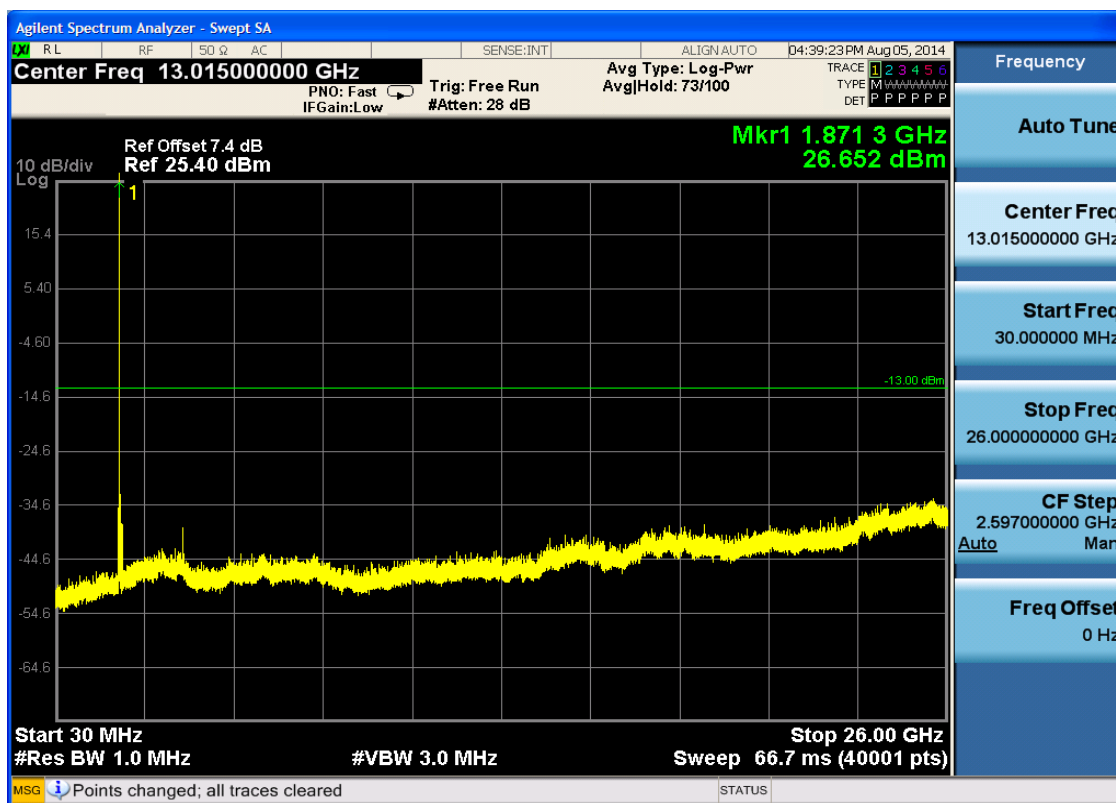


6.3.1.1.6.2 Test Channel = MCH

6.3.1.1.6.2.1 Test RB = RB1#0







6.3.1.1.6.3 Test Channel = HCH

6.3.1.1.6.3.1 Test RB = RB1#0

