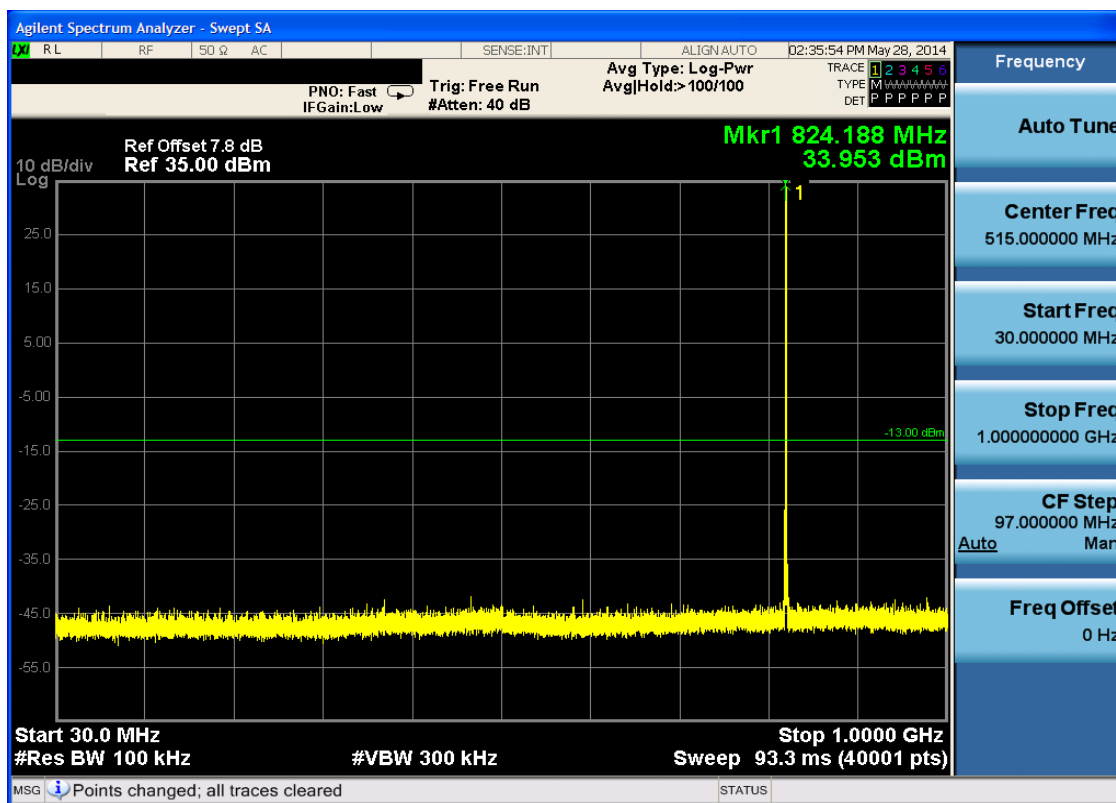
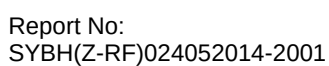








Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 02:36:42 PM May 28, 2014

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 P

Ref Offset 7.8 dB Mkr1 11.397 kHz
Ref 27.80 dBm -41.507 dBm

10 dB/div Log

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

MSG STATUS DC Coupled

Frequency

Auto Tune

Center Freq 79.500 kHz

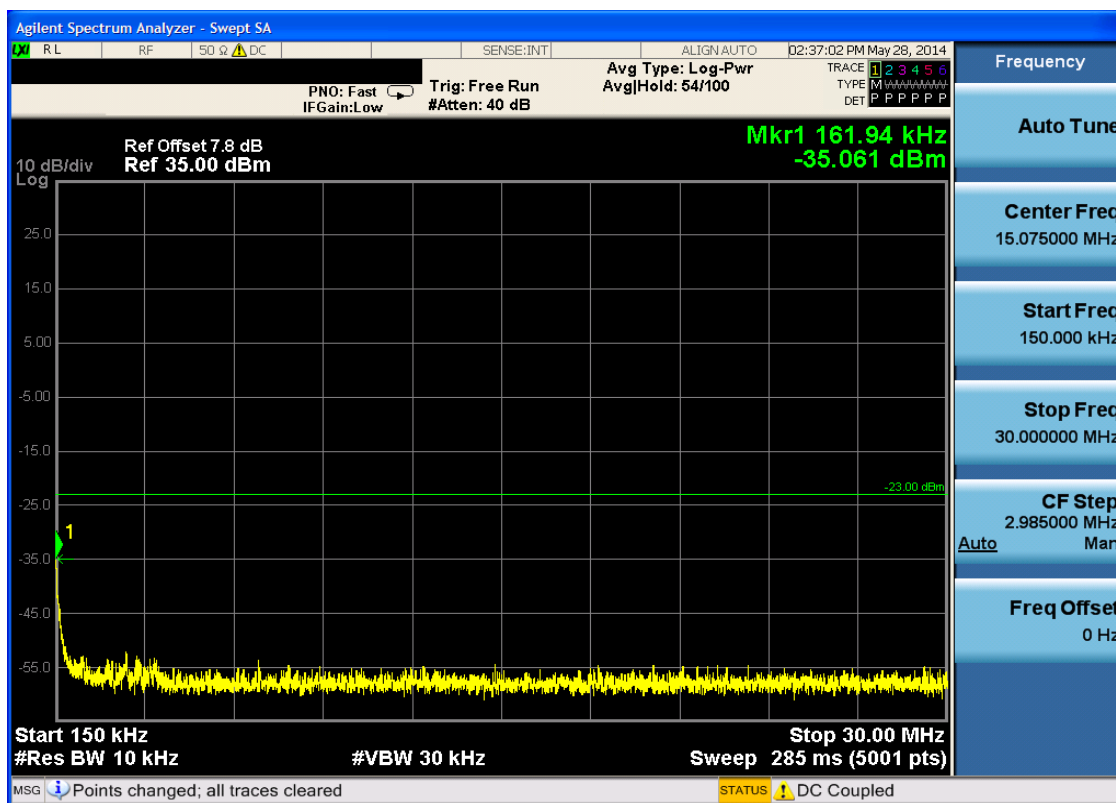
Start Freq 9.000 kHz

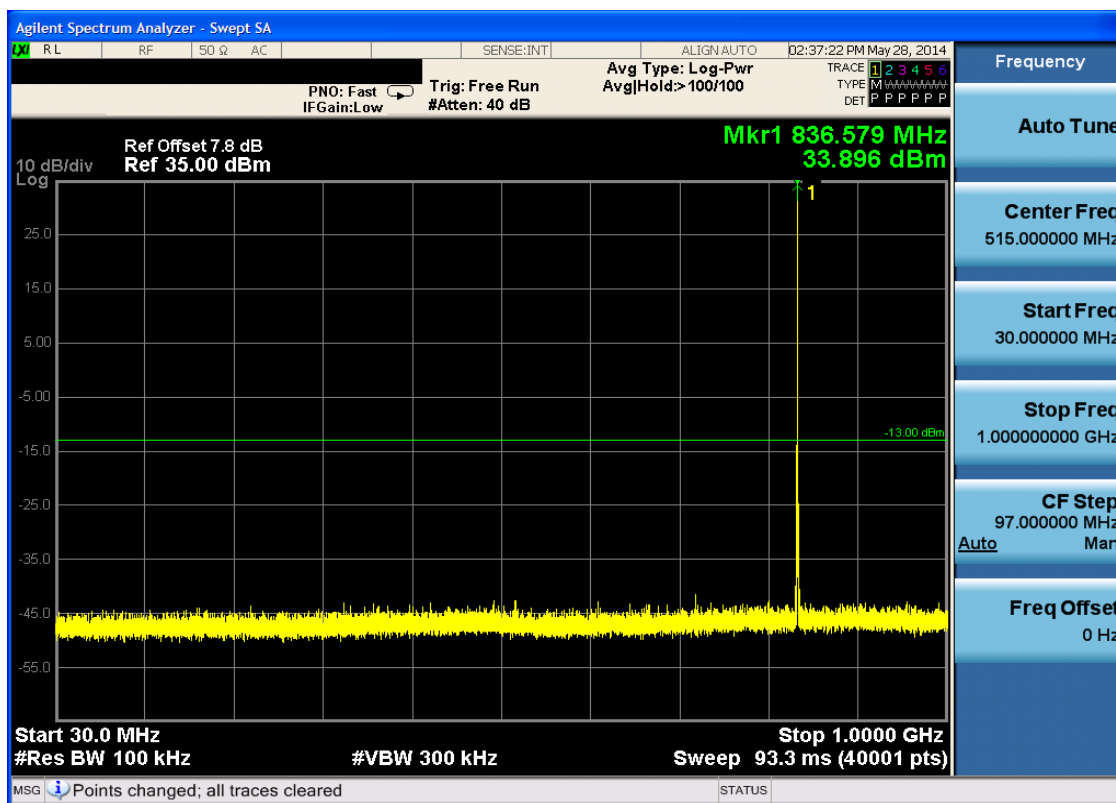
Stop Freq 150.000 kHz

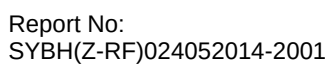
CF Step 14.100 kHz
Man

Auto

Freq Offset 0 Hz









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 02:38:12 PM May 28, 2014

PNO: Wide IFGain:Low Trig: Free Run #Atten: 30 dB 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 P

Ref Offset 7.8 dB Ref 27.80 dBm Mkr1 12.243 kHz -42.203 dBm

10 dB/div Log

17.8
7.80
-2.20
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2

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

MSG STATUS DC Coupled

Frequency

Auto Tune

Center Freq 79.500 kHz

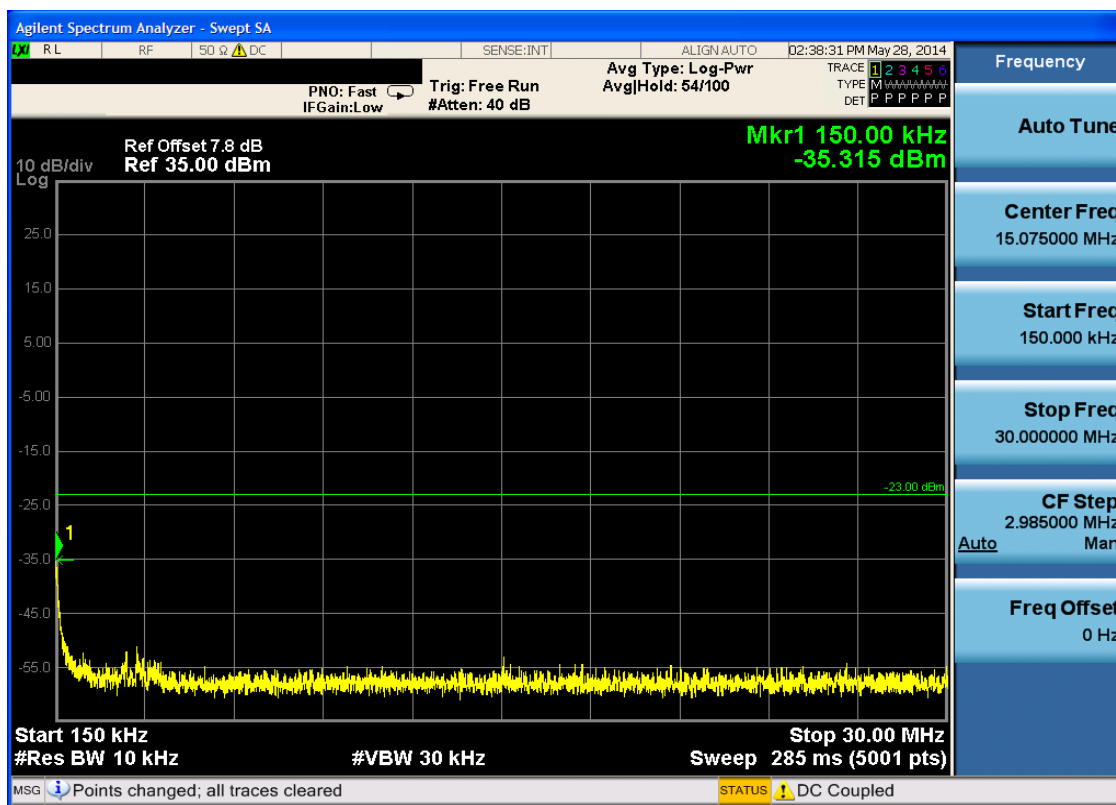
Start Freq 9.000 kHz

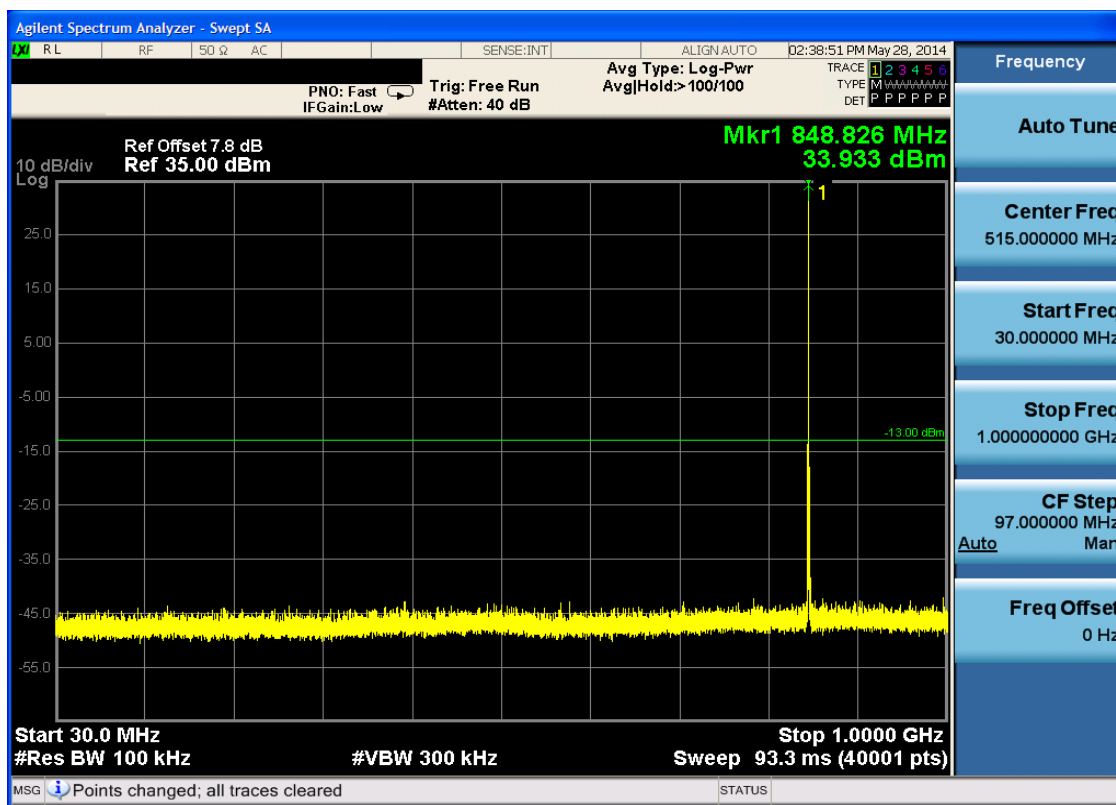
Stop Freq 150.000 kHz

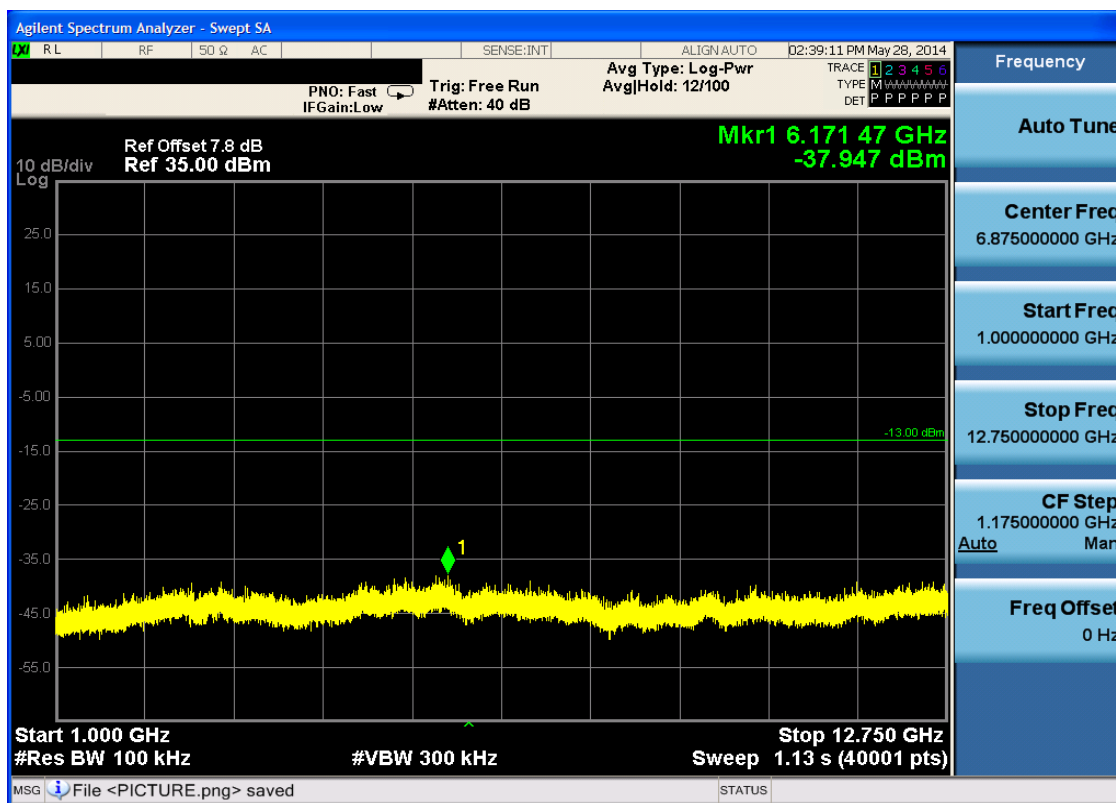
CF Step 14.100 kHz Man

Auto

Freq Offset 0 Hz



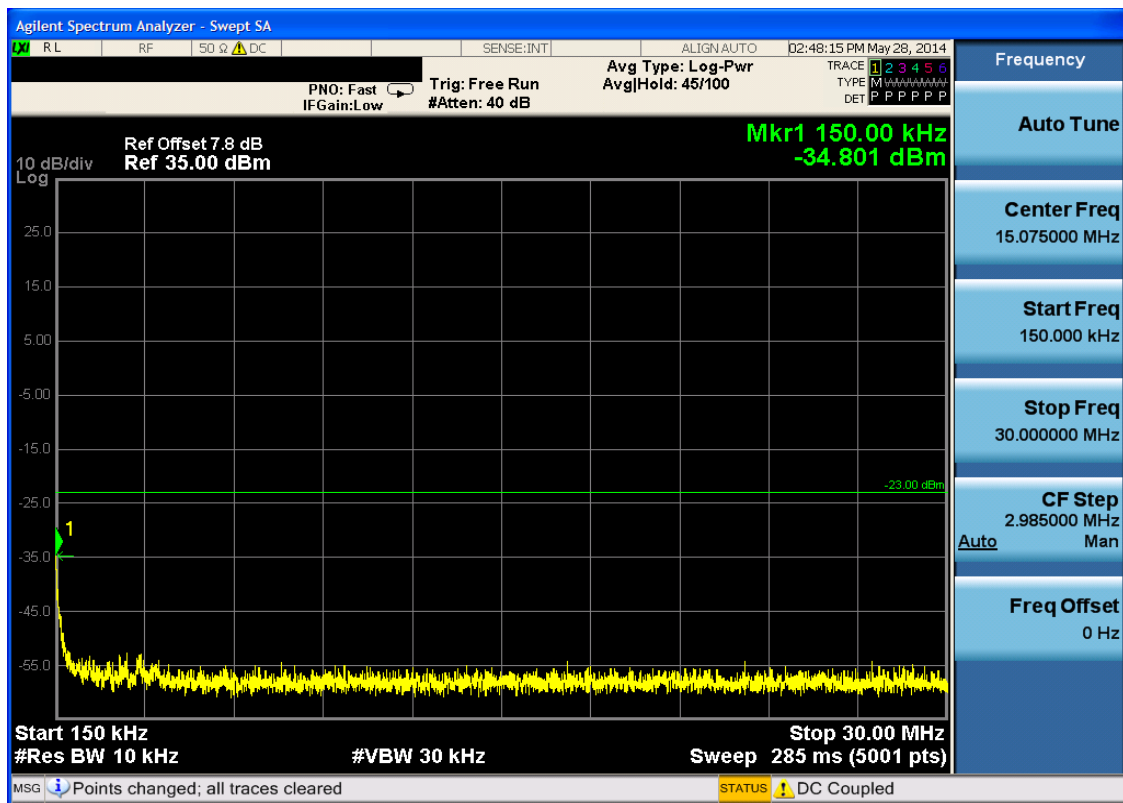


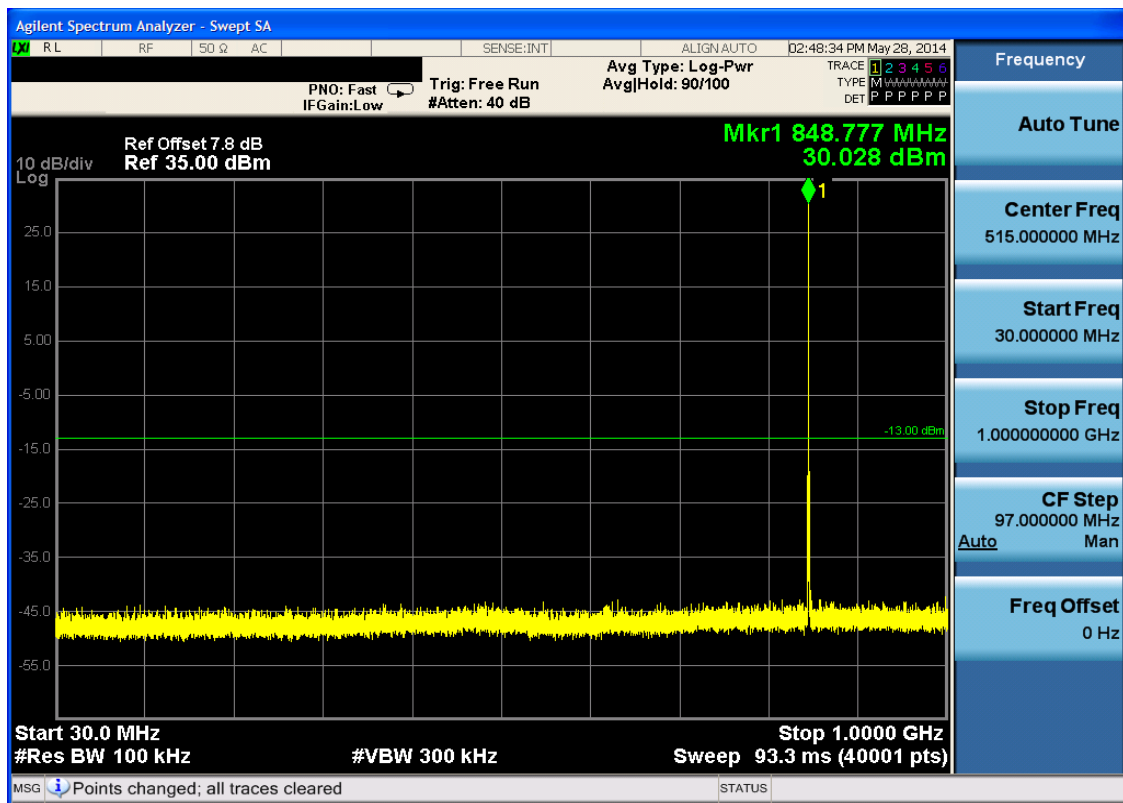


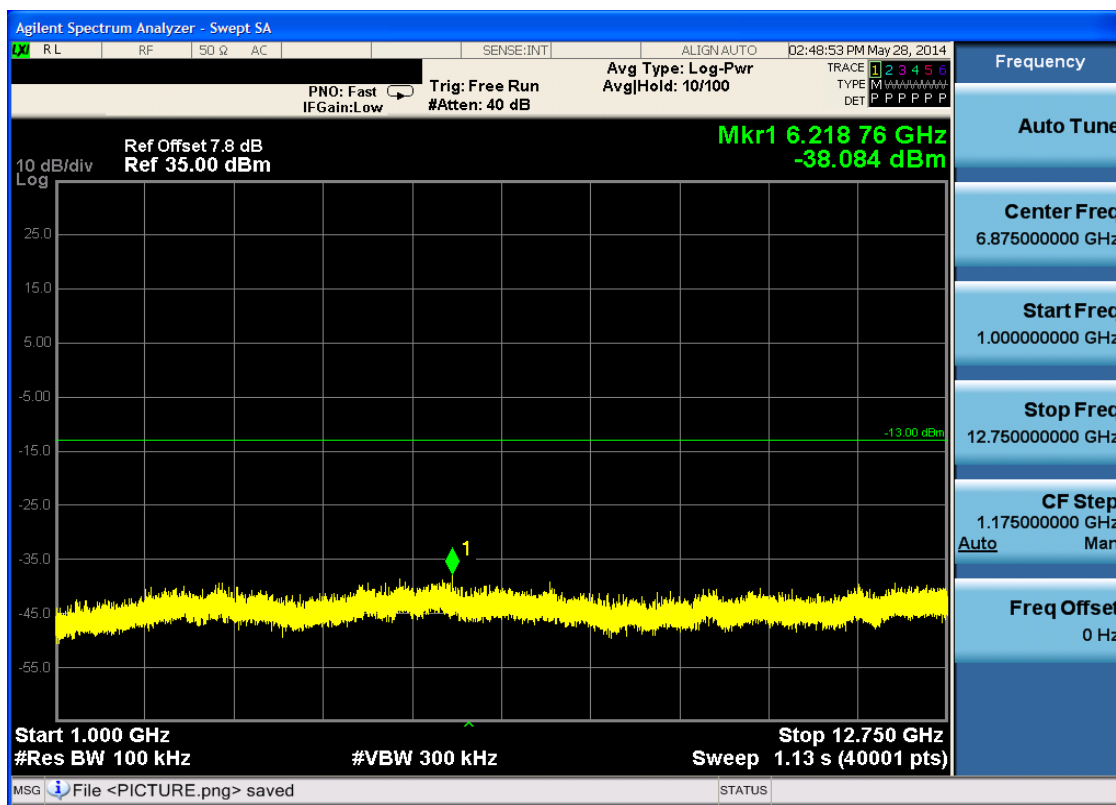
6.1.1.2 Test Mode = GSM/TM2

6.1.1.2.1 Test Channel = LCH











Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 02:49:20 PM May 28, 2014

PNO: Wide Trig: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 30 dB AvgHold: 90/100

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

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

10 dB/div
Log

Ref Offset 7.8 dB
Ref 27.80 dBm

Mkr1 9.282 kHz
-43.418 dBm

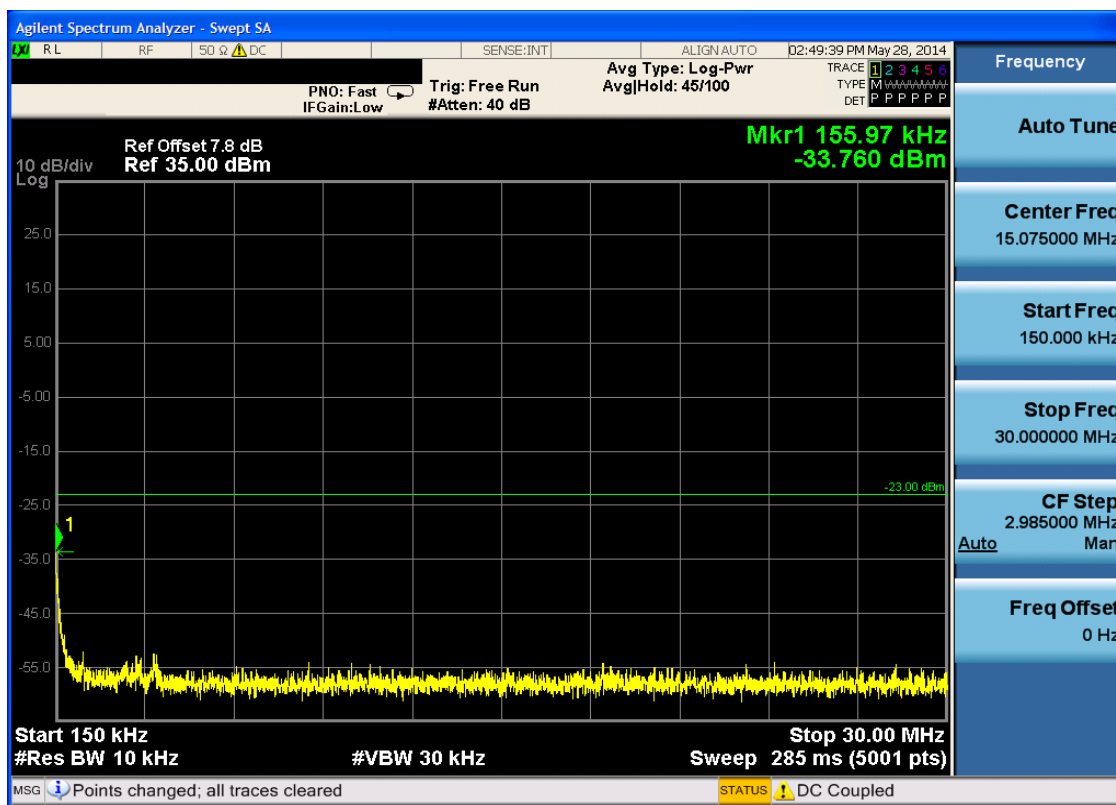
-33.00 dBm

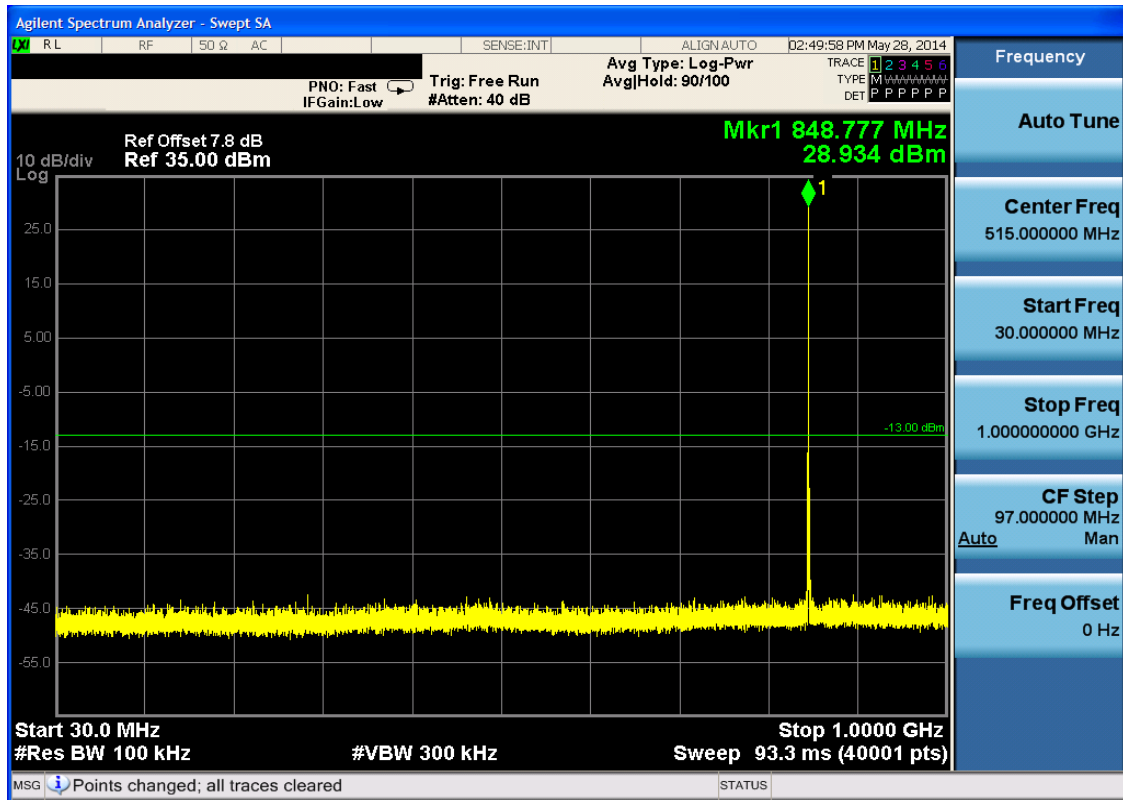
1

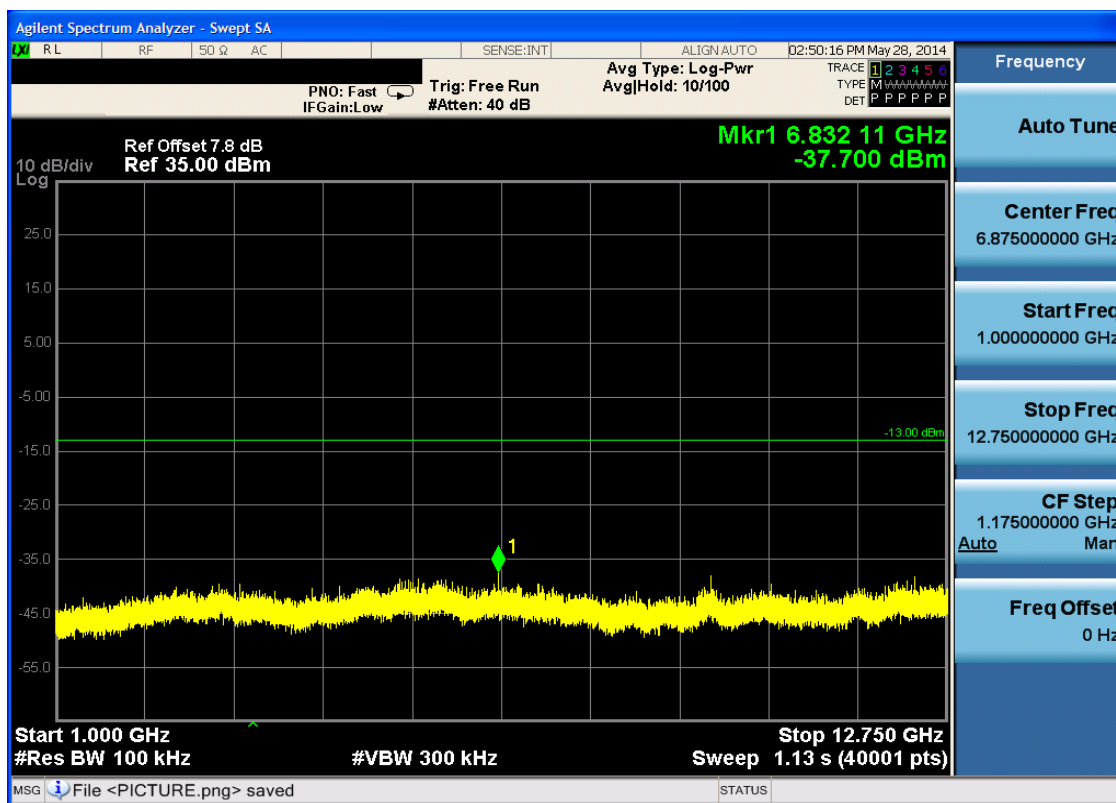
Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
#VBW 10 kHz
Sweep 130 ms (1001 pts)

MSG STATUS DC Coupled









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 02:50:44 PM May 28, 2014

PNO: Wide Trig: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 30 dB AvgHold: 90/100

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

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

10 dB/div
Log

Ref Offset 7.8 dB
Ref 27.80 dBm

Mkr1 9.000 kHz
-40.485 dBm

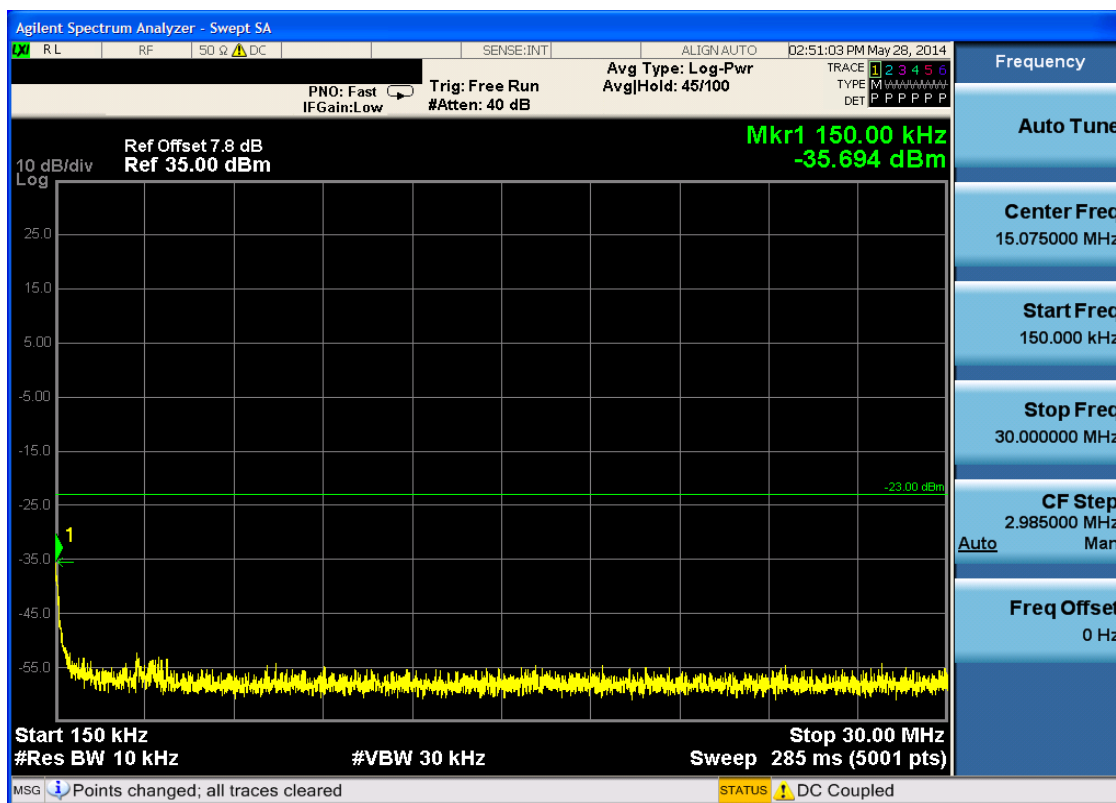
1

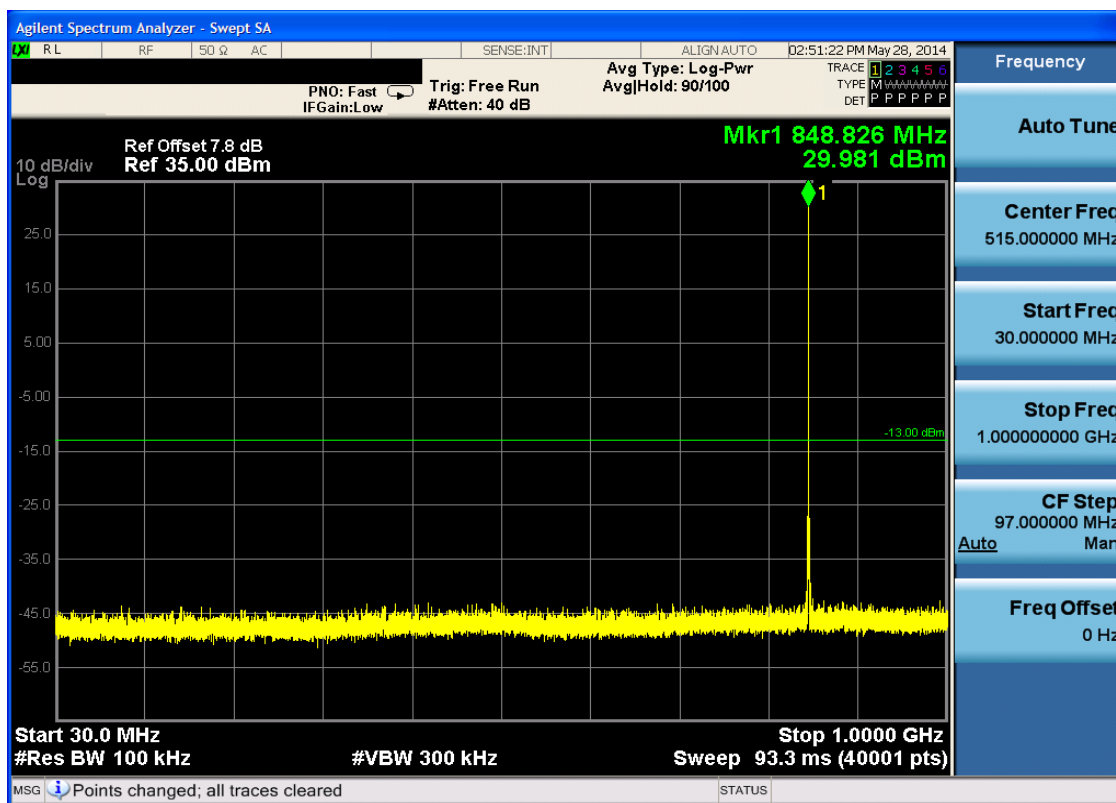
-33.10 dBm

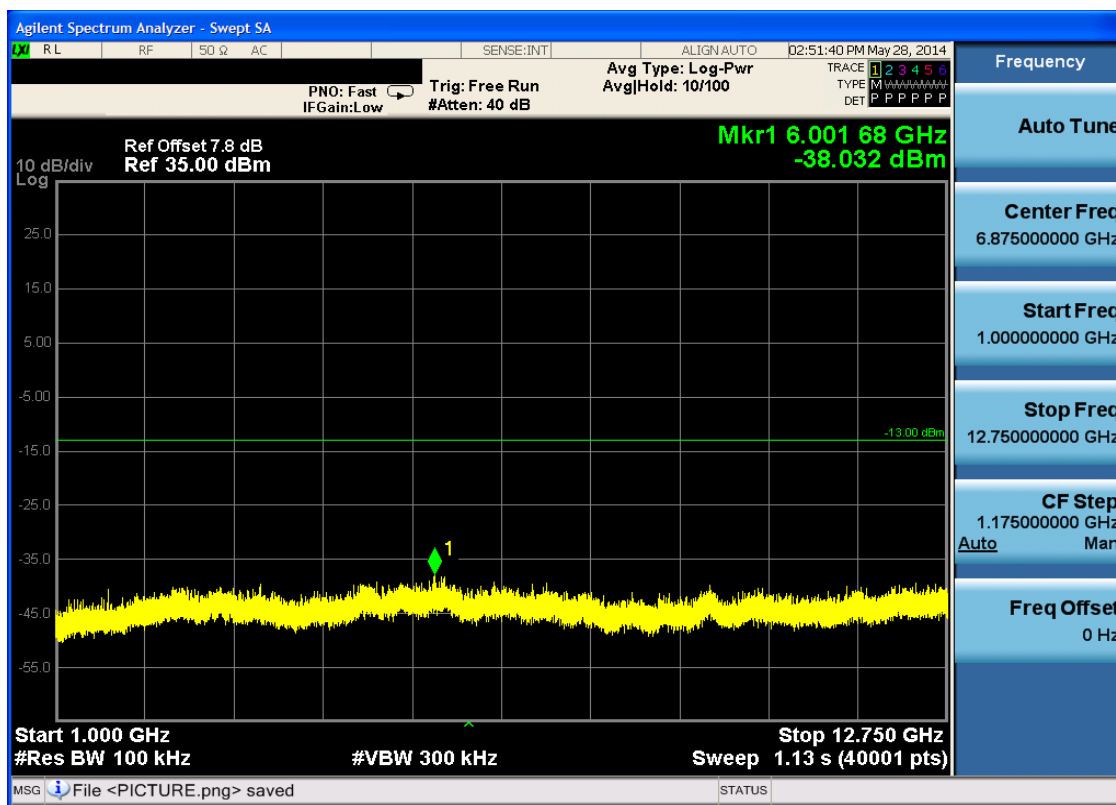
Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
#VBW 10 kHz
Sweep 130 ms (1001 pts)

MSG STATUS DC Coupled



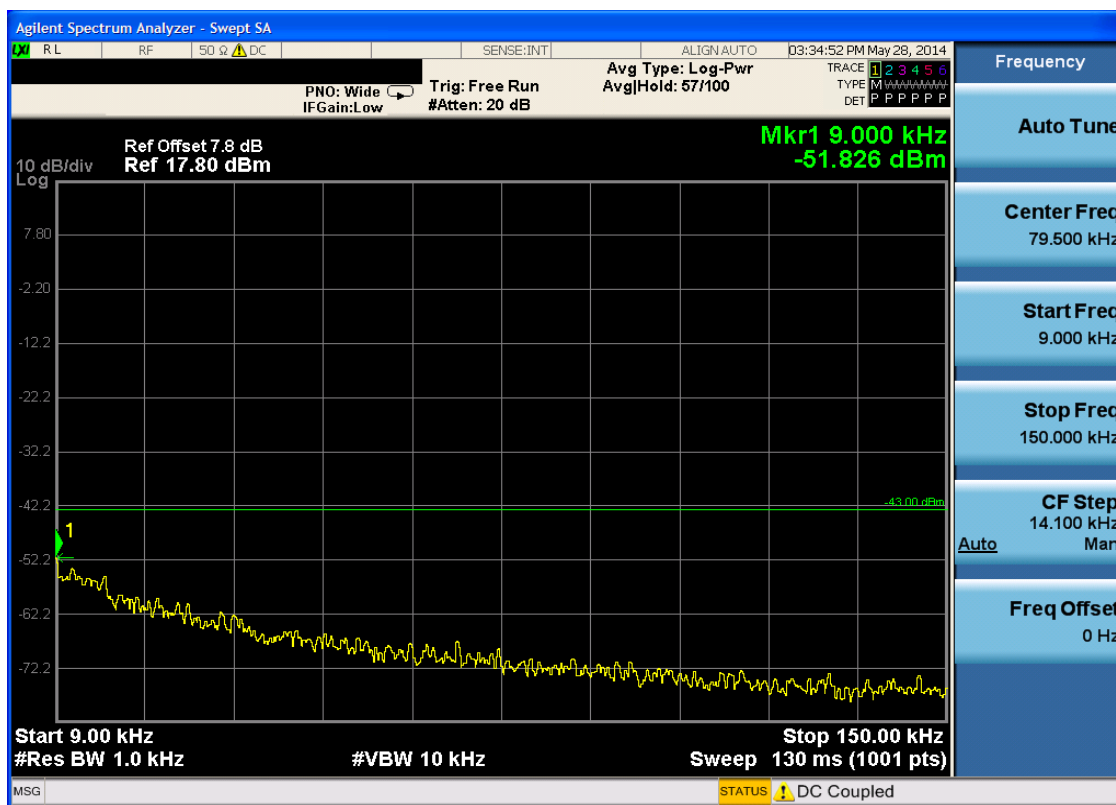


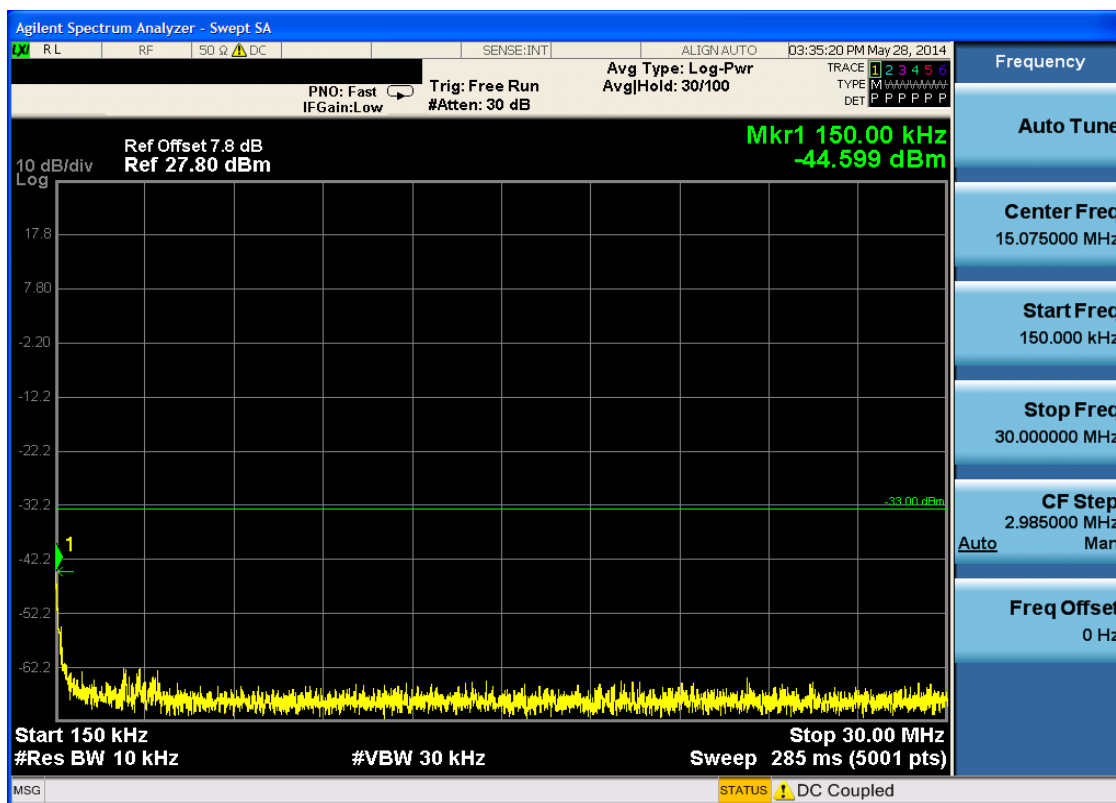


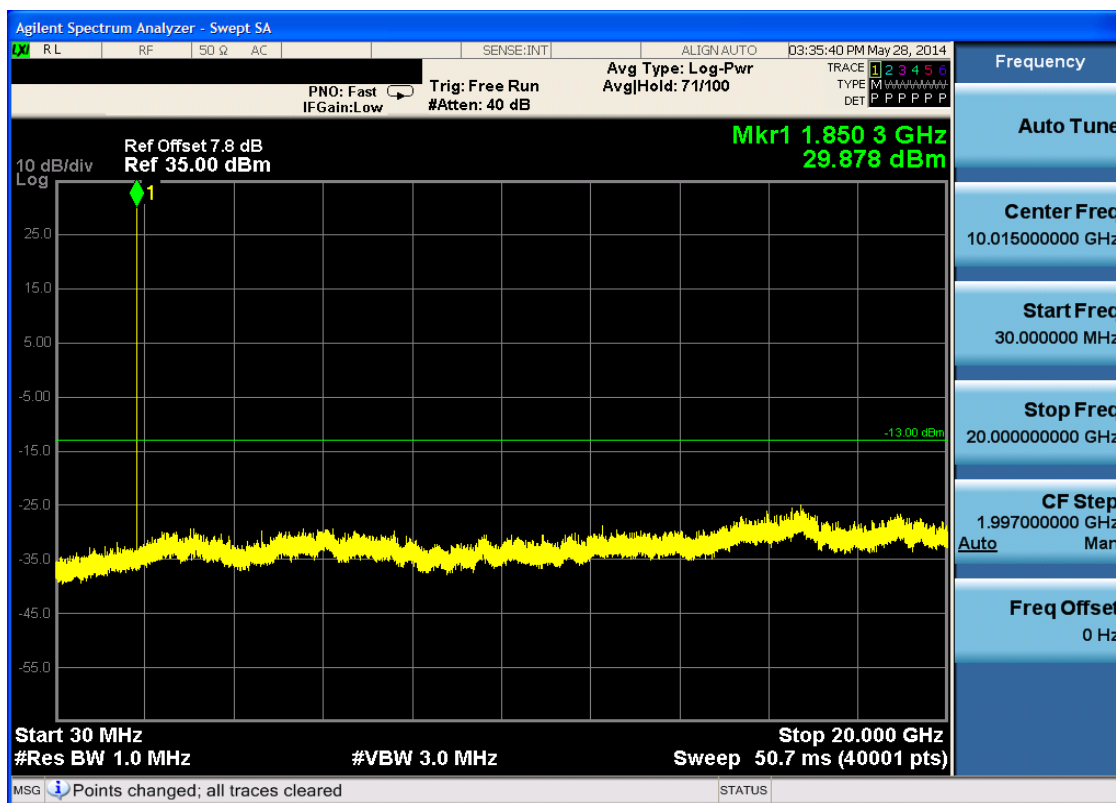
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH

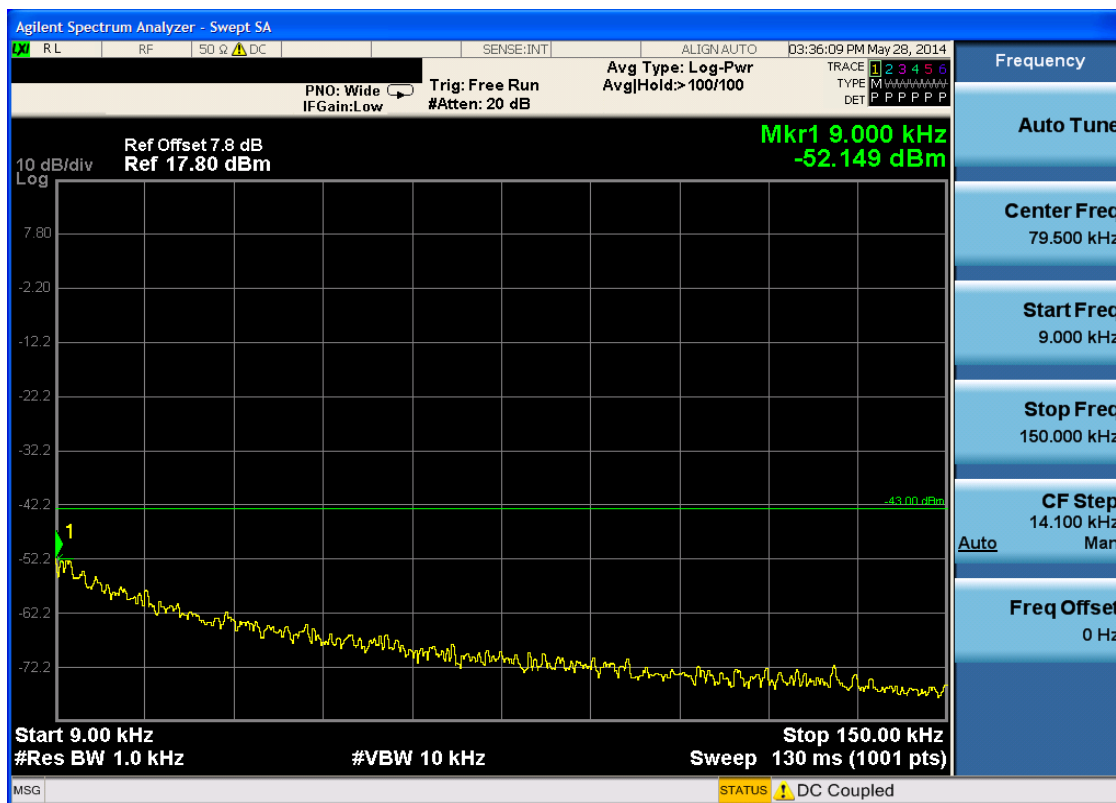


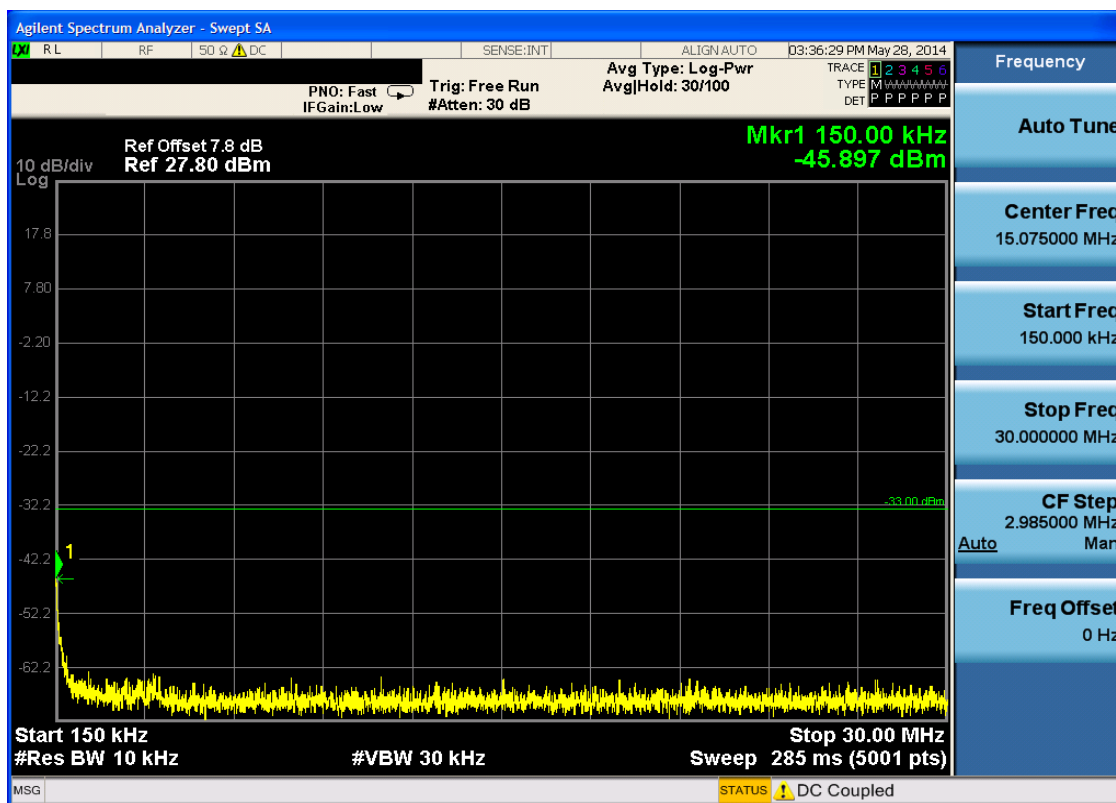


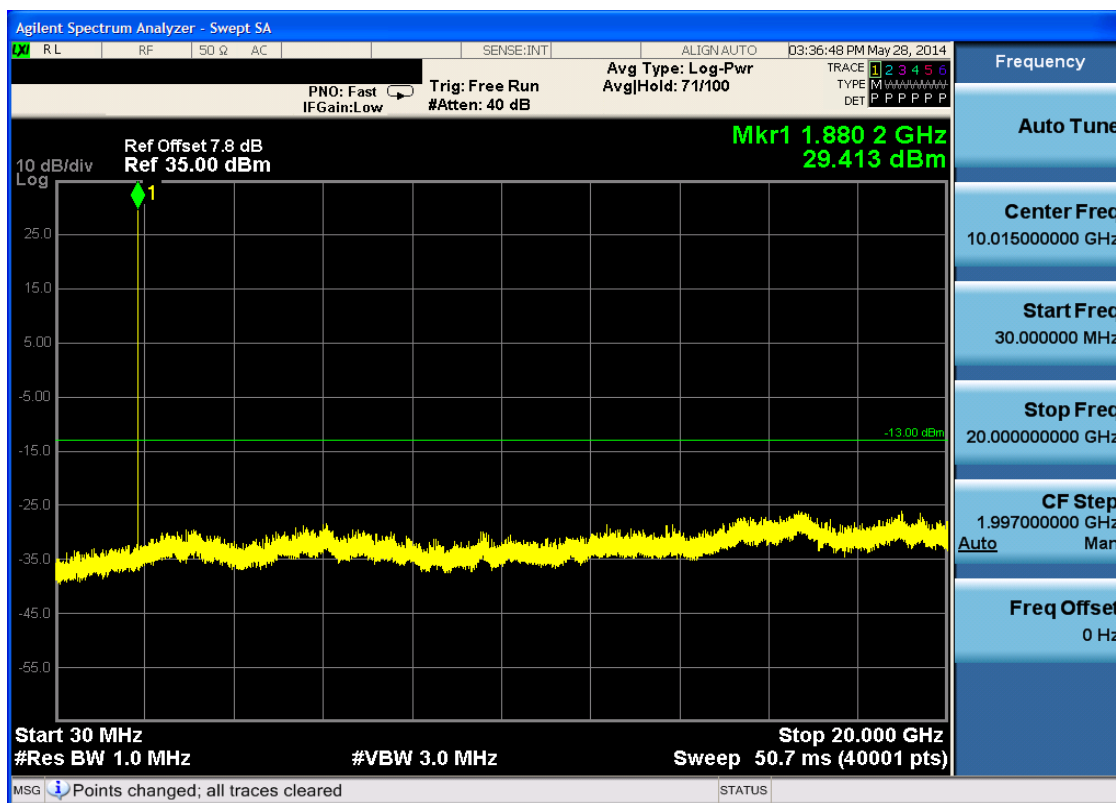




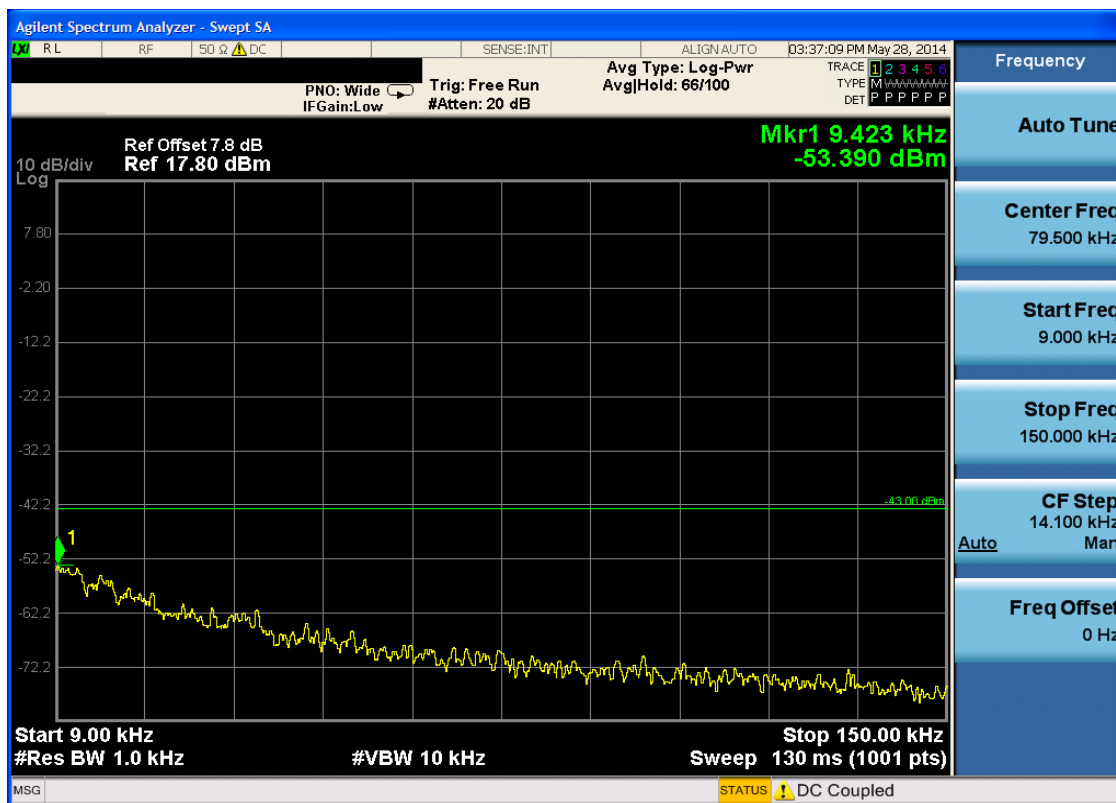
6.1.2.1.2 Test Channel = MCH

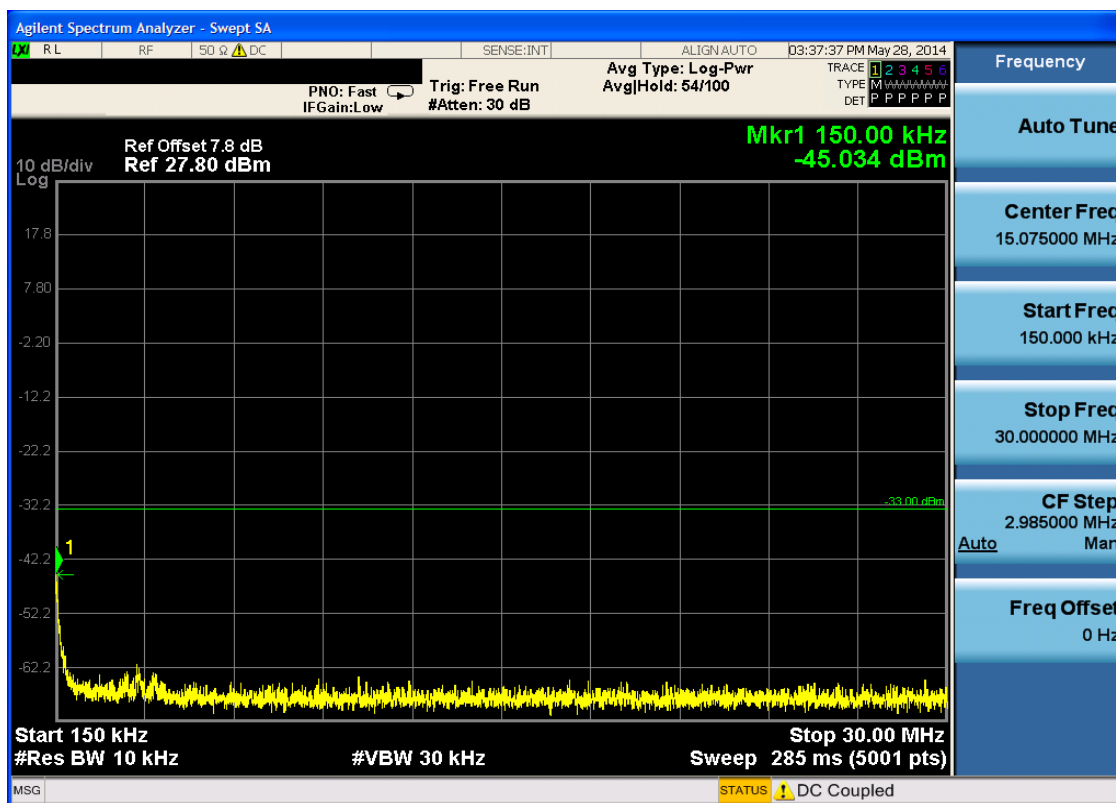


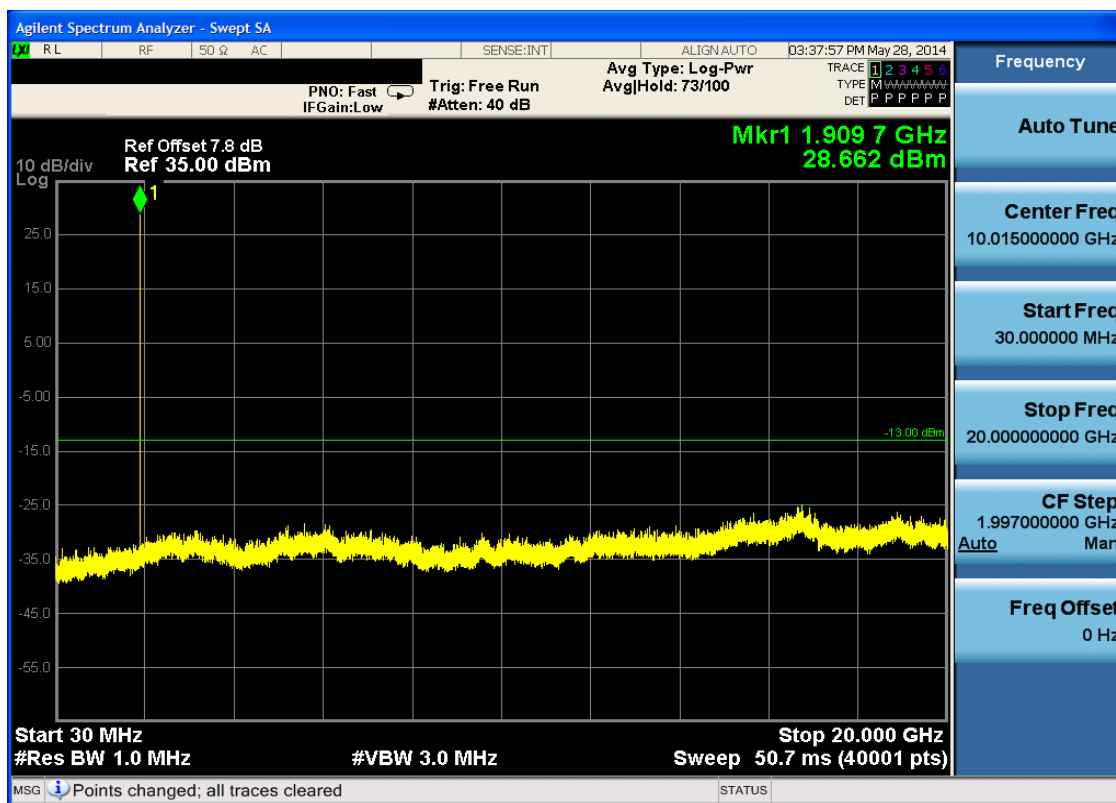




6.1.2.1.3 Test Channel = HCH

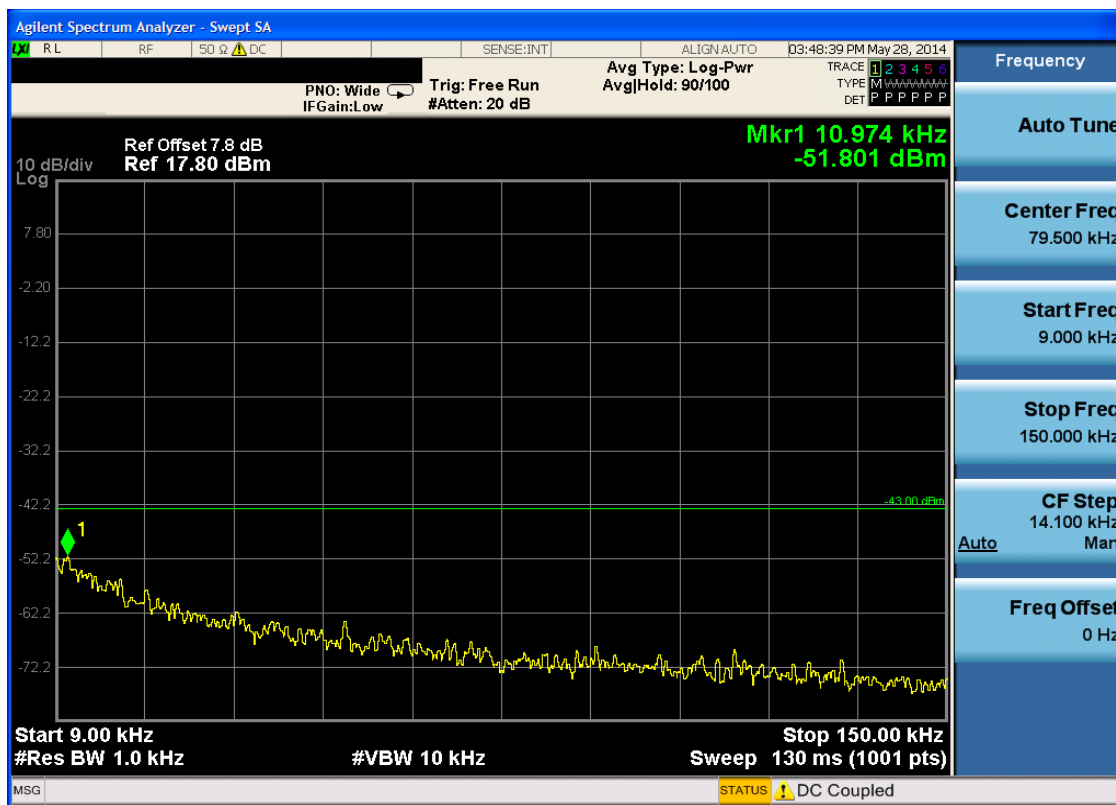


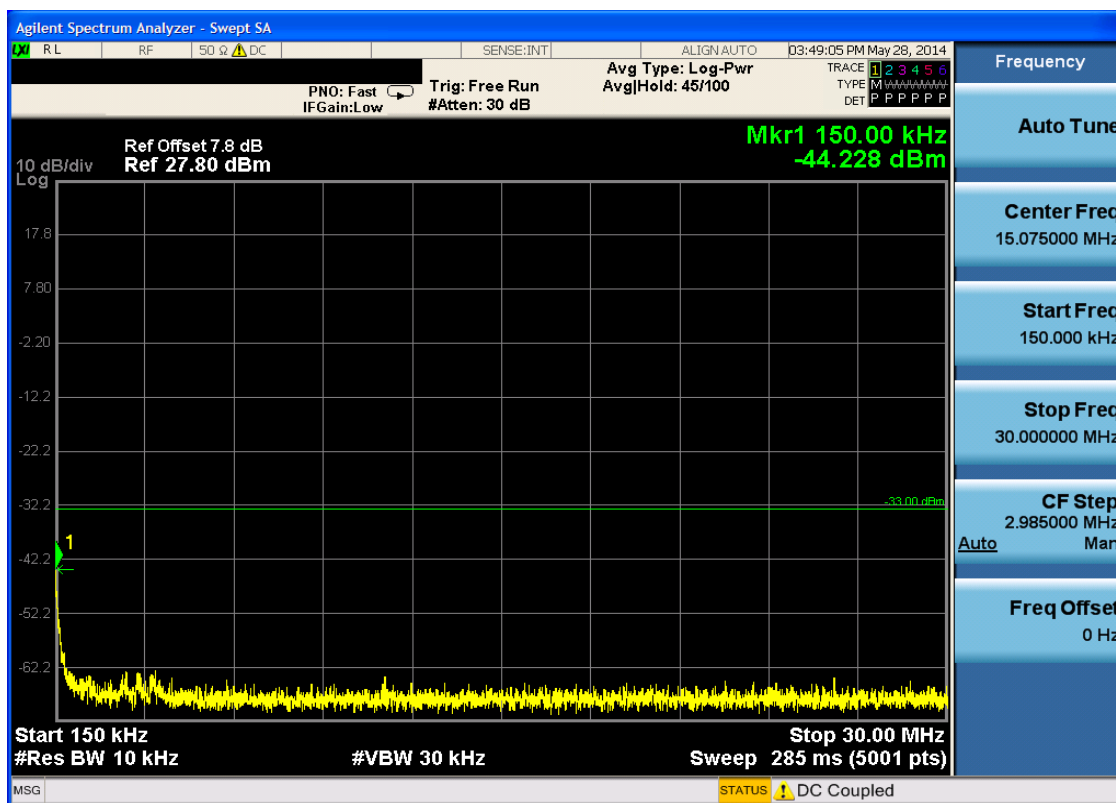


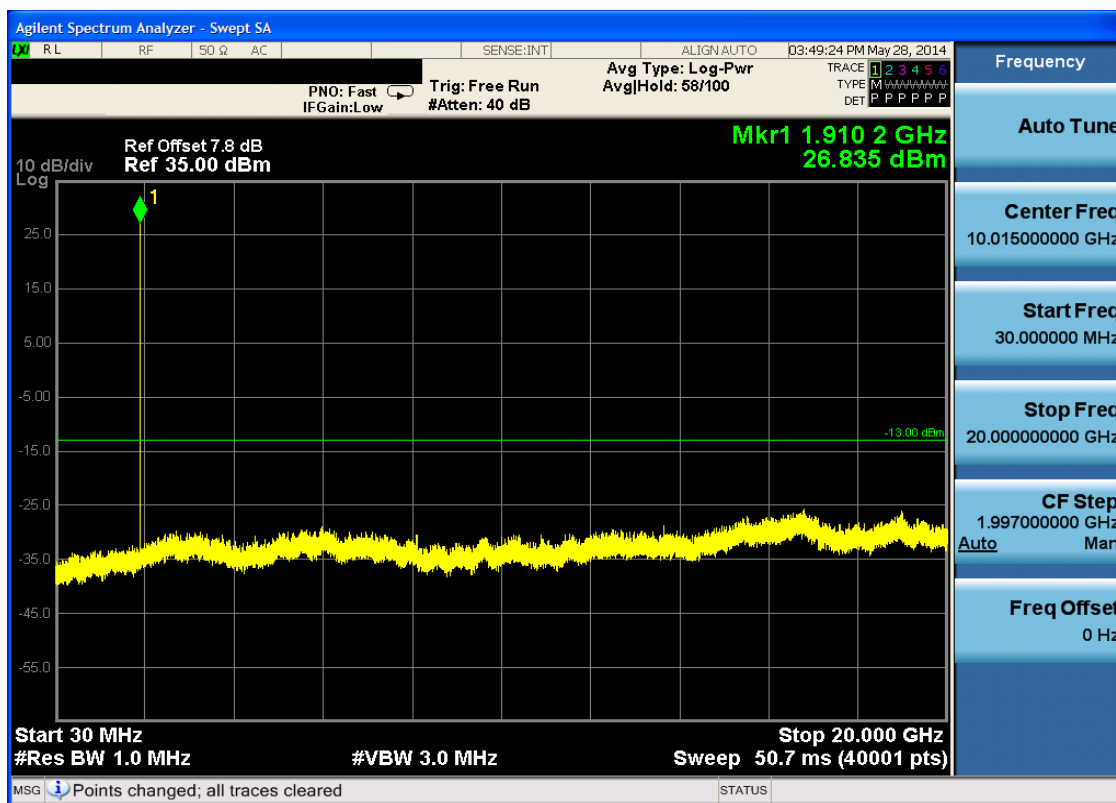


6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 03:49:49 PM May 28, 2014

PNO: Wide Trig: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 20 dB AvgHold: 90/100

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

Ref Offset 7.8 dB
Ref 17.80 dBm

Mkr1 9.423 kHz
-53.561 dBm

10 dB/div
Log

7.80
-2.20
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2
-72.2

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
#VBW 10 kHz
Sweep 130 ms (1001 pts)

MSG STATUS DC Coupled

Frequency

Auto Tune

Center Freq
79.500 kHz

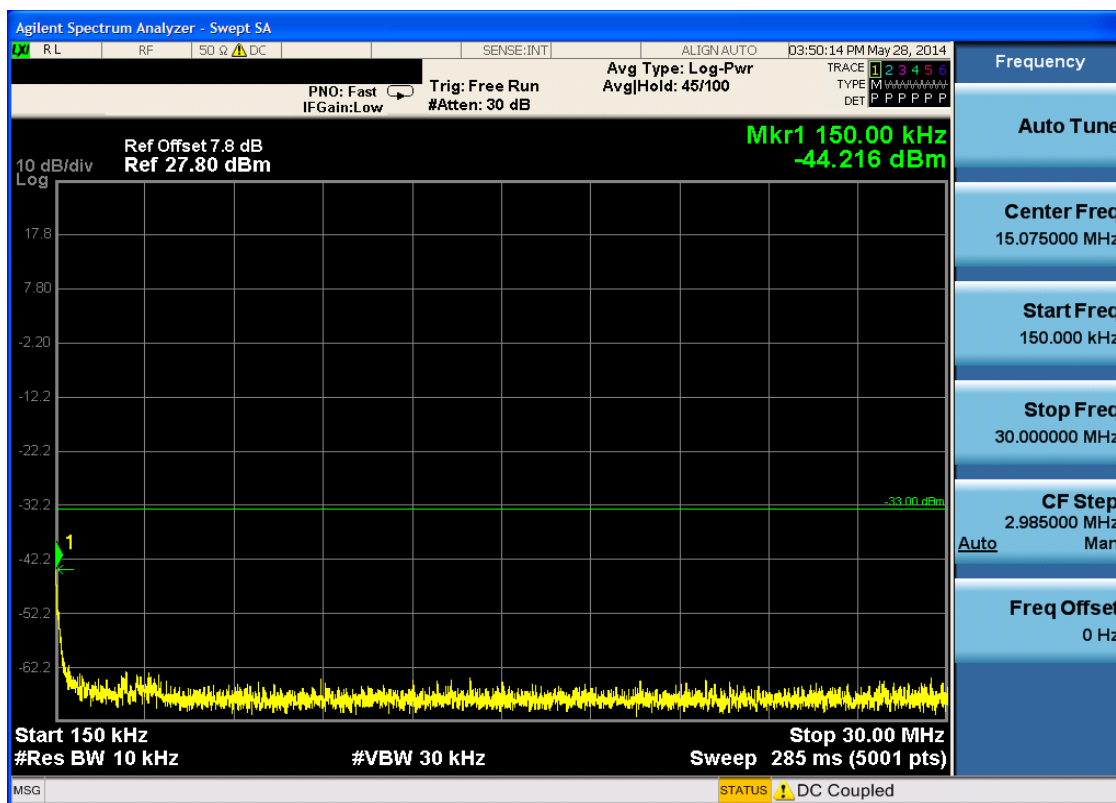
Start Freq
9.000 kHz

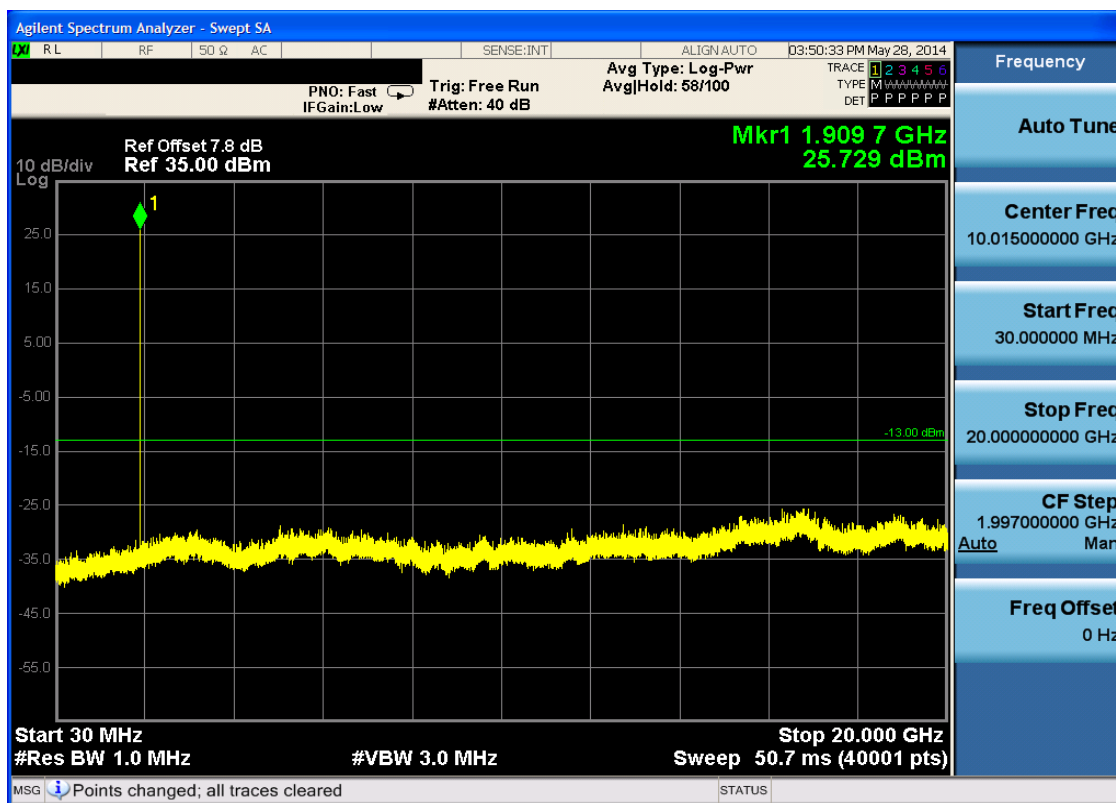
Stop Freq
150.000 kHz

CF Step
14.100 kHz
Man

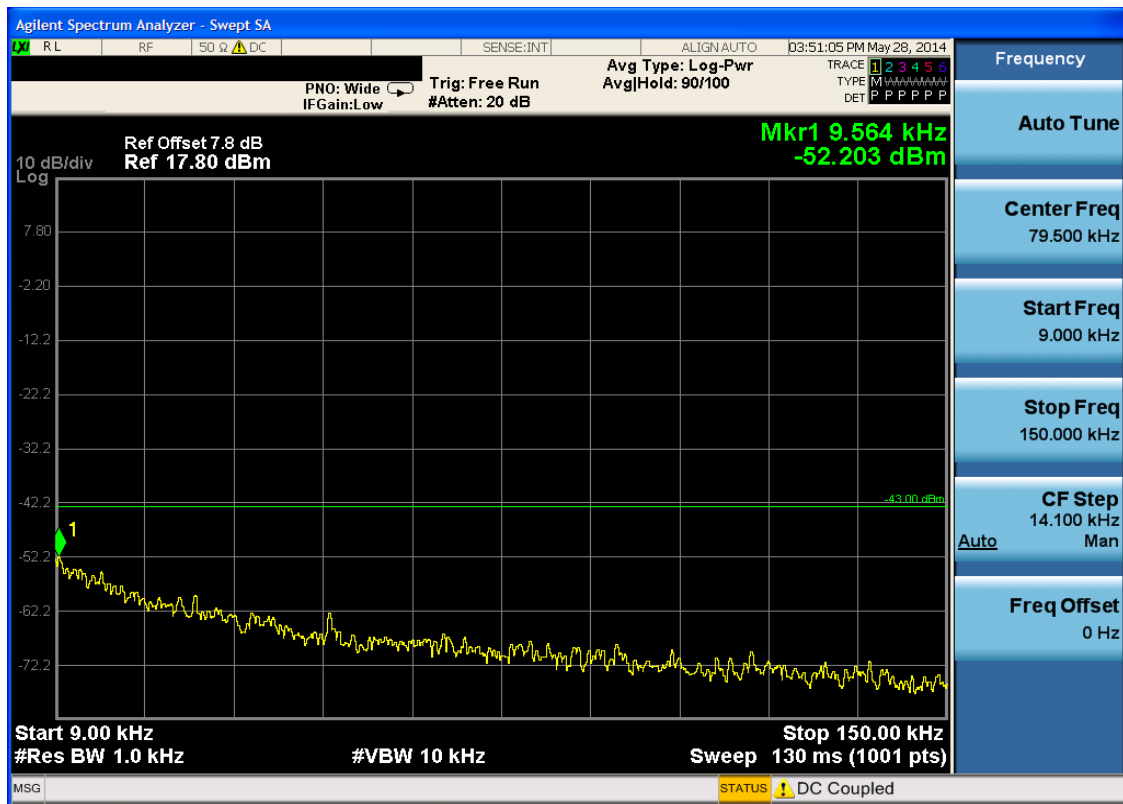
Auto

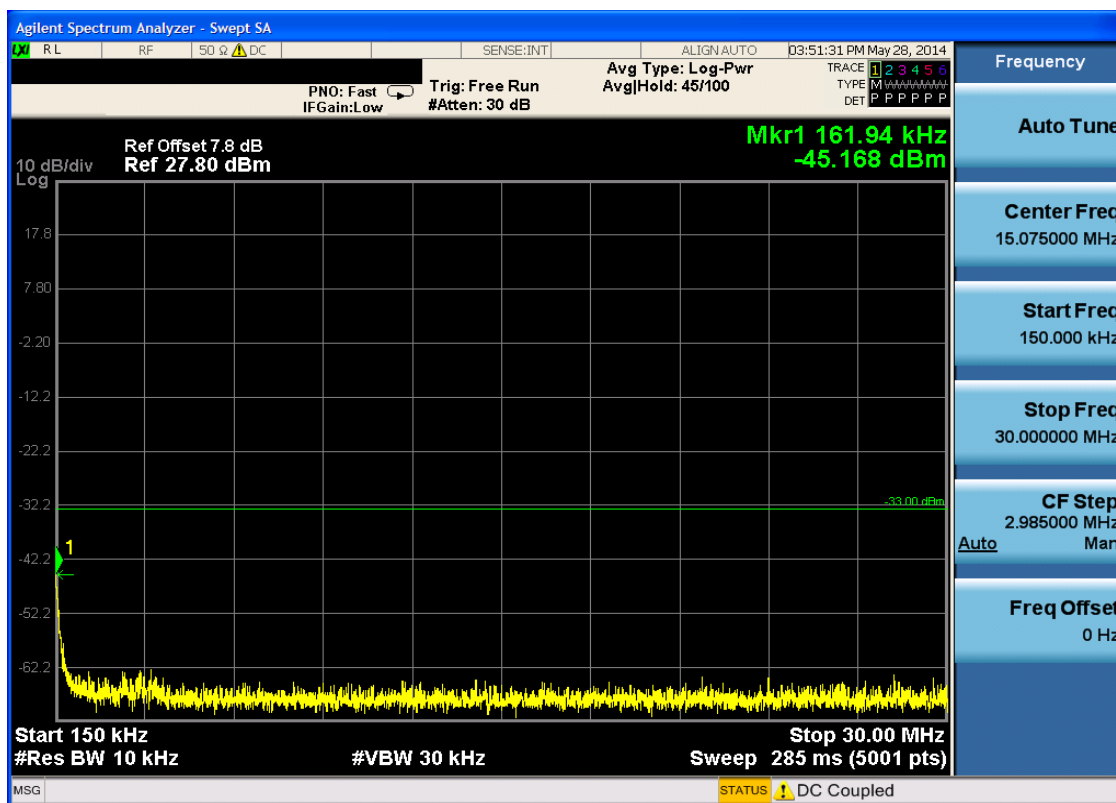
Freq Offset
0 Hz

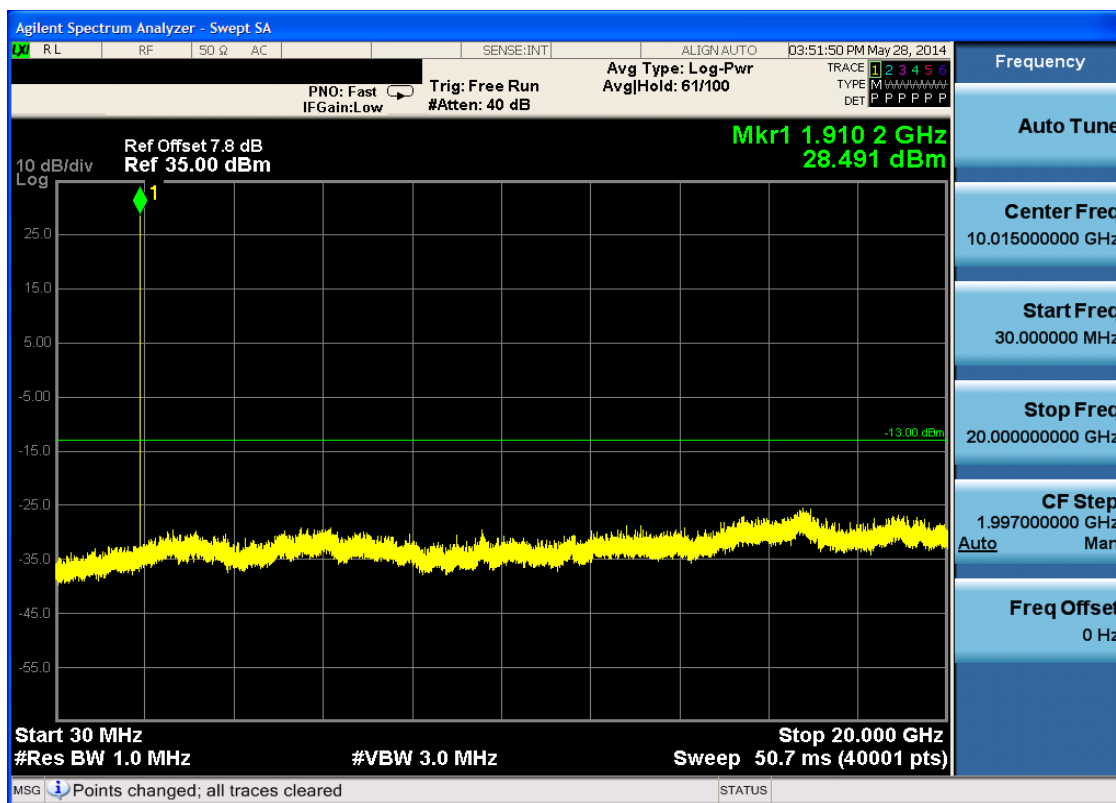




6.1.2.2.3 Test Channel = HCH





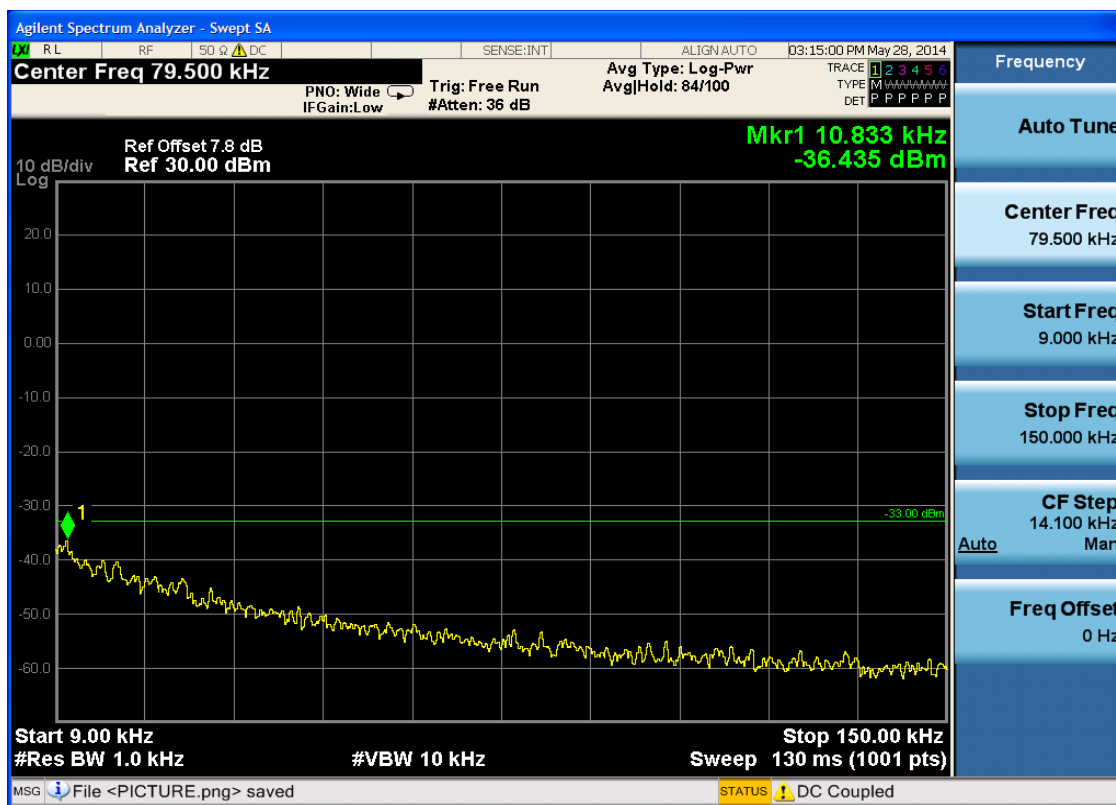


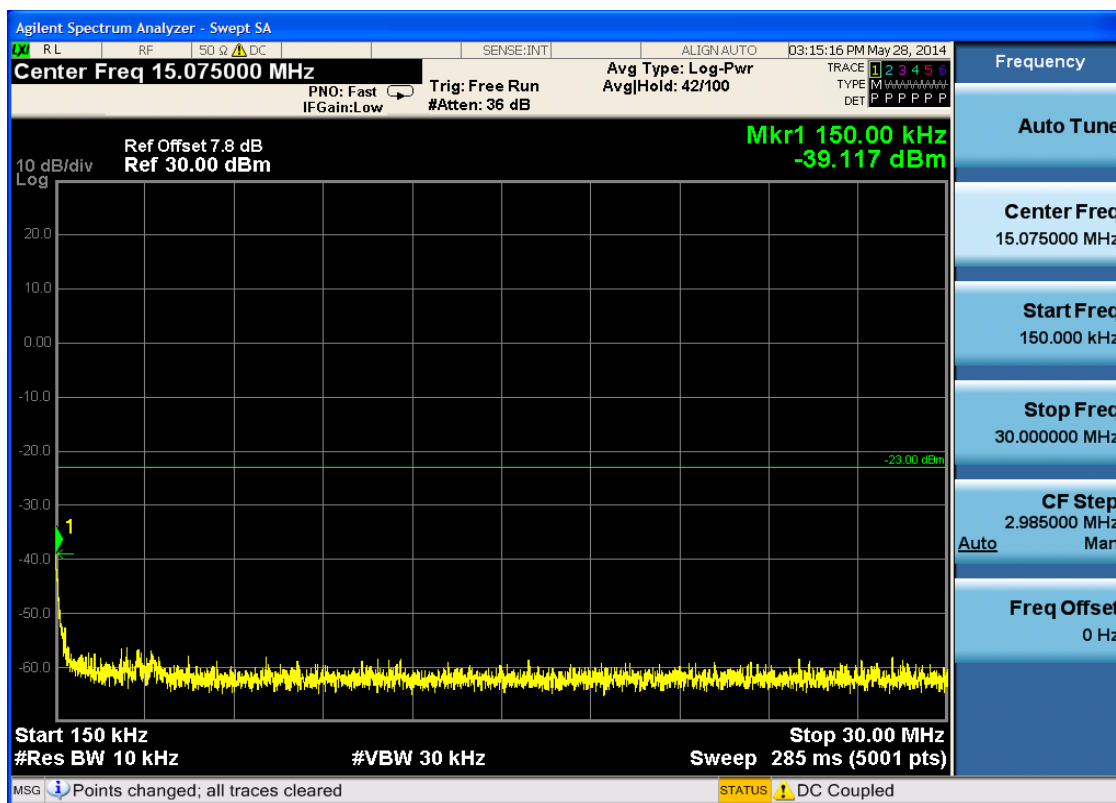
6.2 For UMTS

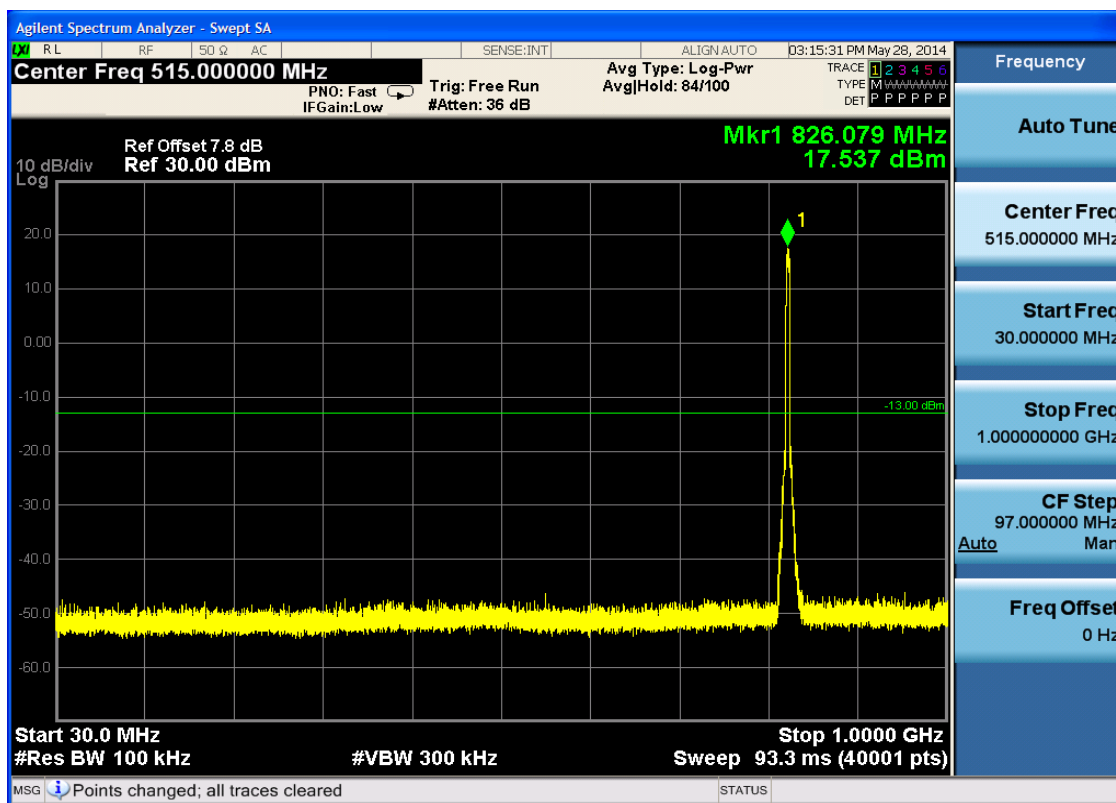
6.2.1 Test Band = WCDMA850

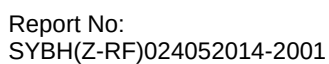
6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH











Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 03:16:04 PM May 28, 2014

Center Freq 79.500 kHz

PNO: Wide IFGain: Low Trig: Free Run #Atten: 36 dB

Avg Type: Log-Pwr Avg/Hold: 84/100

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 7.8 dB
Ref 30.00 dBm

Mkr1 9.846 kHz
-36.407 dBm

10 dB/div
Log

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 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

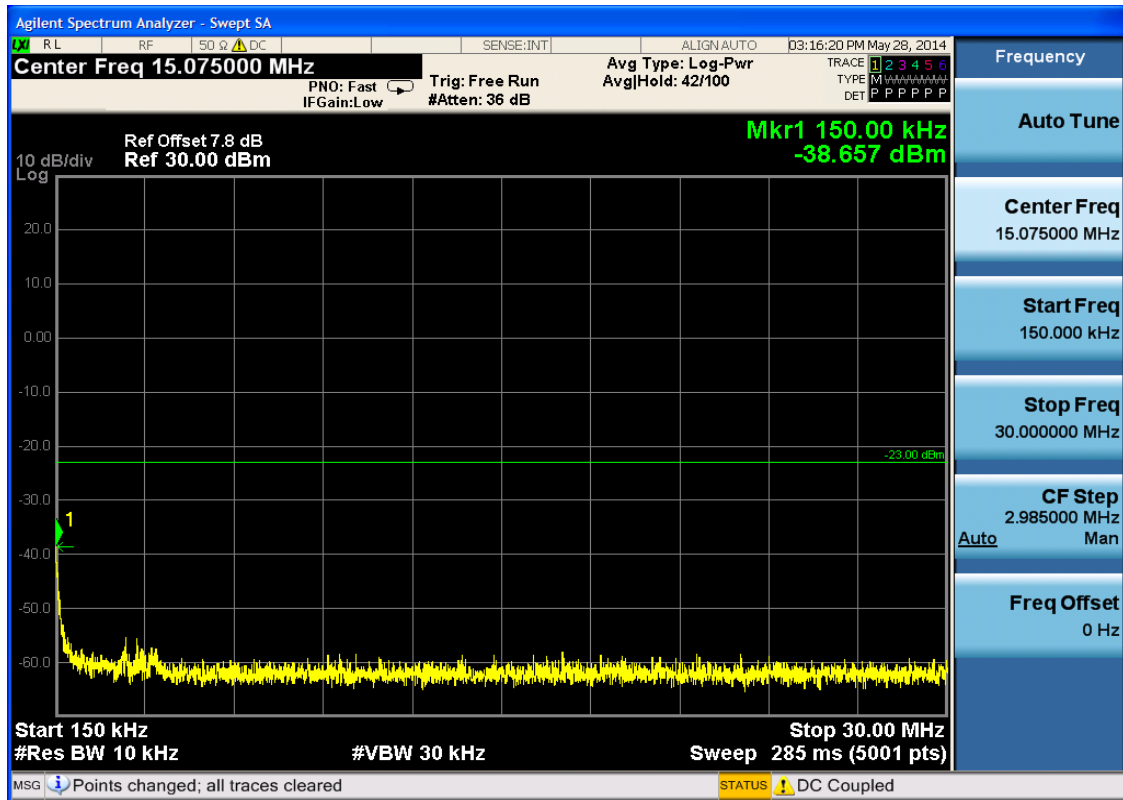
Start Freq
9.000 kHz

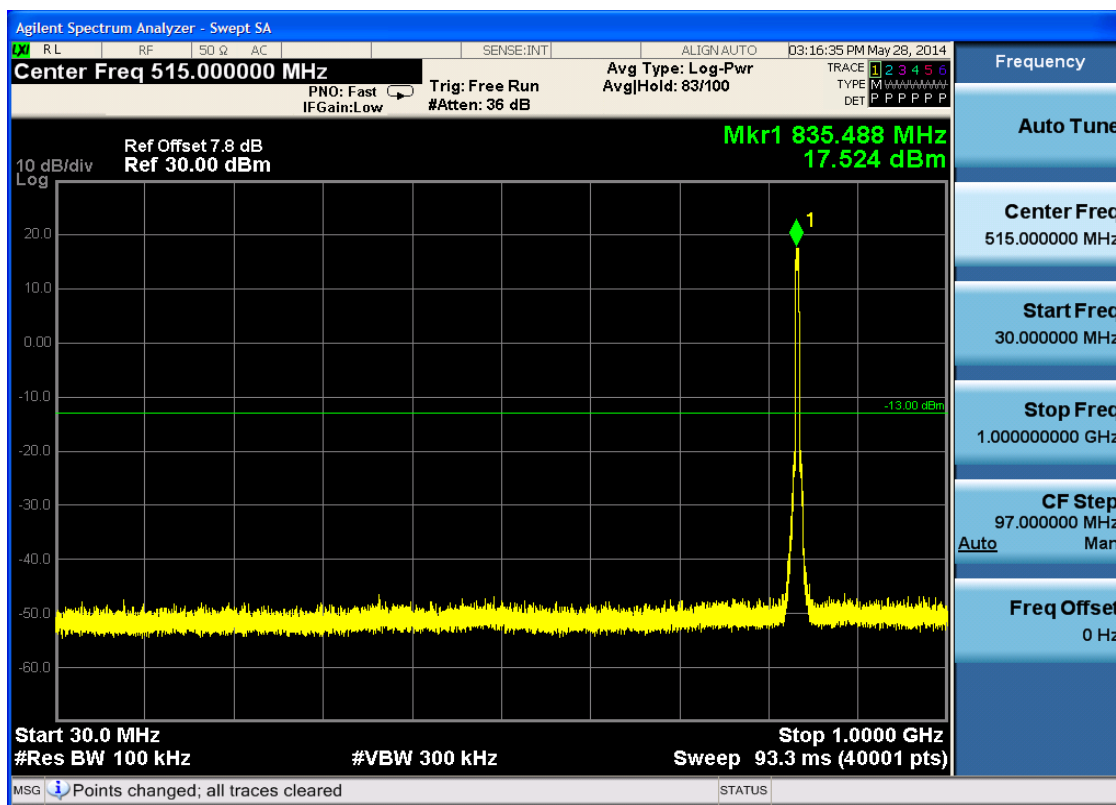
Stop Freq
150.000 kHz

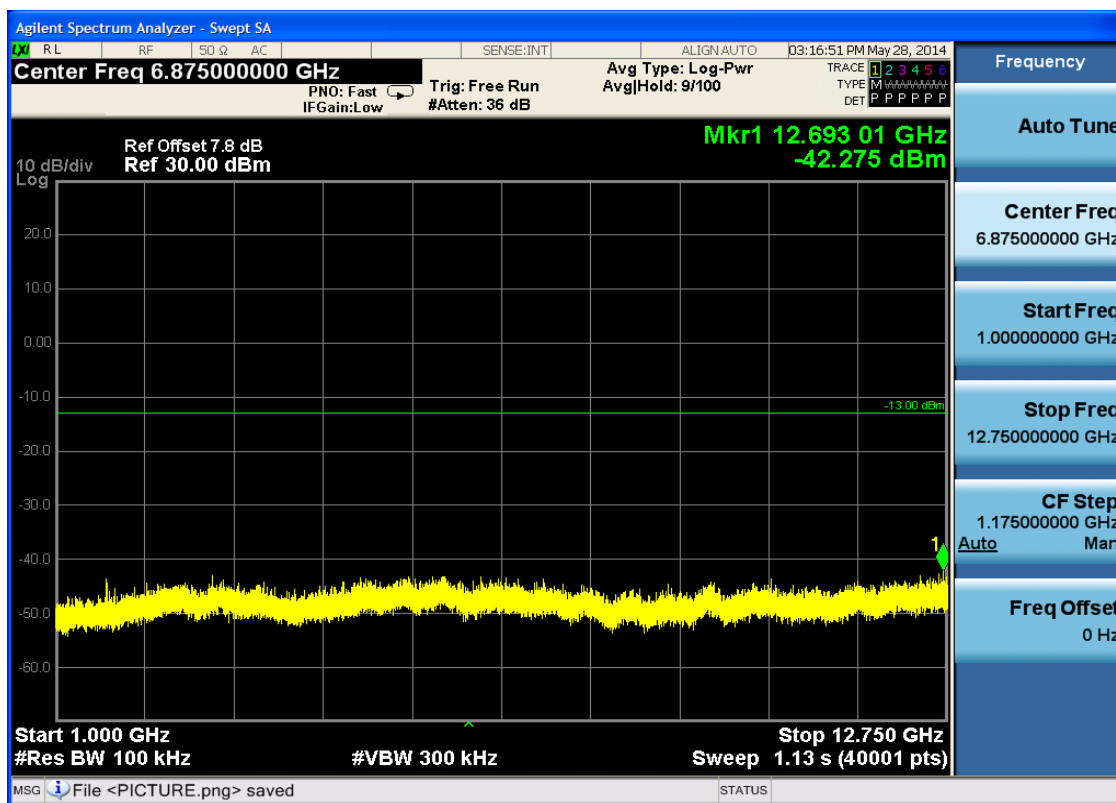
CF Step
14.100 kHz
Man

Auto

Freq Offset
0 Hz









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 03:17:08 PM May 28, 2014

Center Freq 79.500 kHz PNO: Wide Trg: Free Run Avg Type: Log-Pwr Avg|Hold: 84/100

IFGain:Low #Atten: 36 dB TYPE M P P P P P P DET P P P P P P

Ref Offset 7.8 dB Mkr1 10.551 kHz
Ref 30.00 dBm -37.608 dBm

10 dB/div Log

Start 9.000 kHz Stop 150.000 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

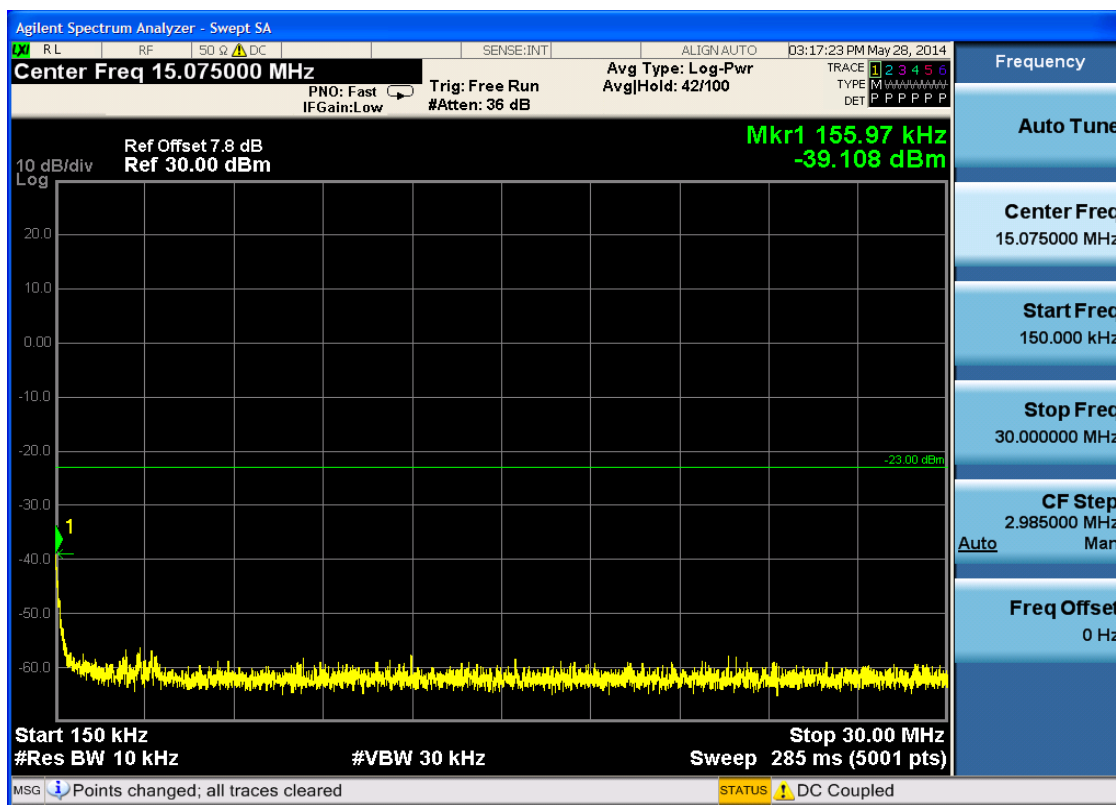
Start Freq 9.000 kHz

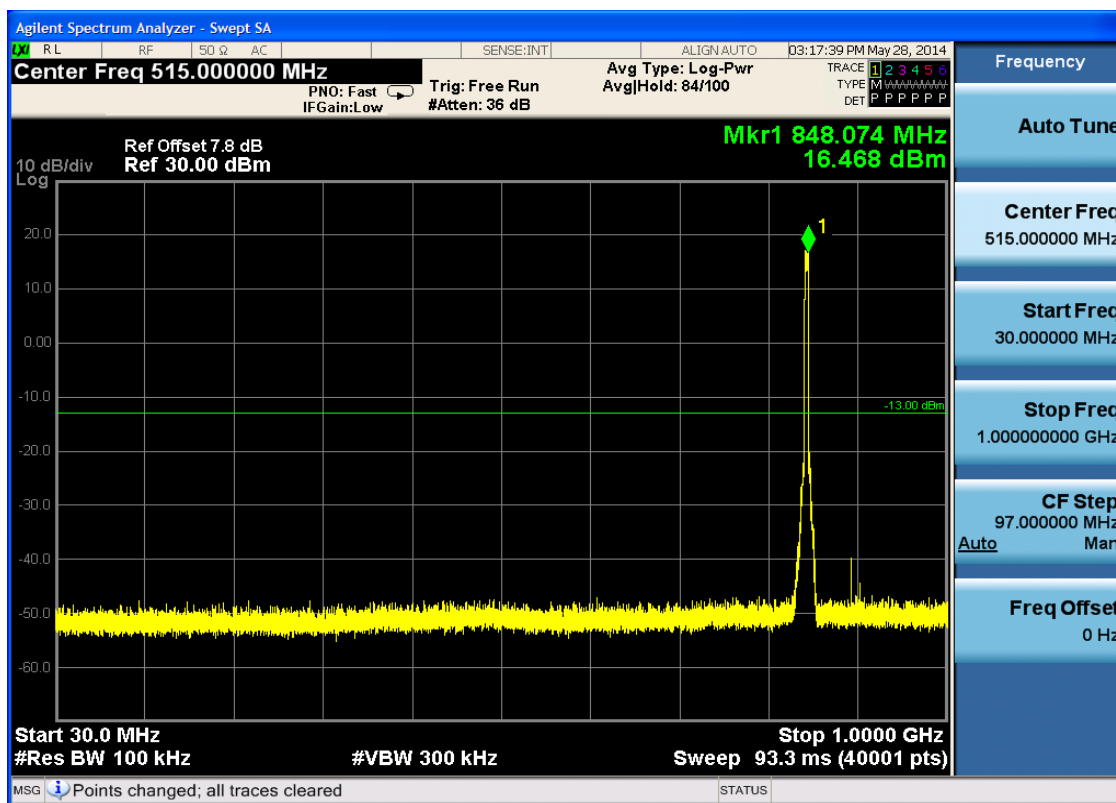
Stop Freq 150.000 kHz

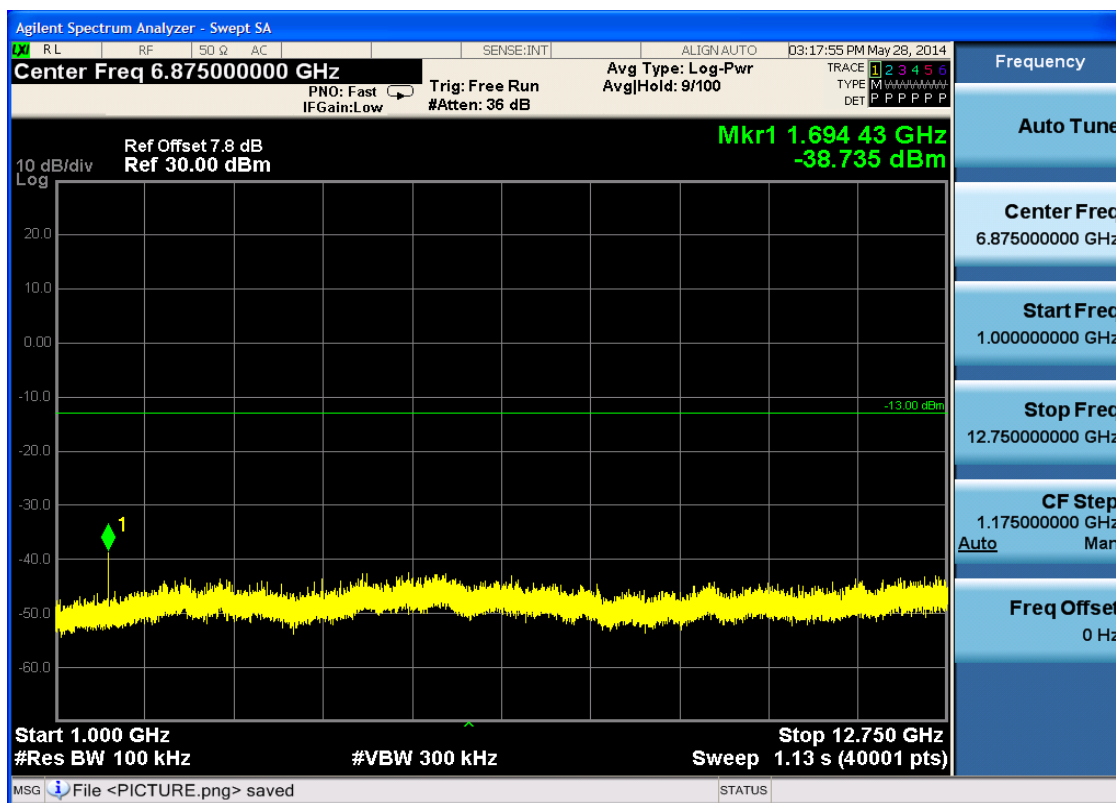
CF Step 14.100 kHz

Auto

Freq Offset 0 Hz



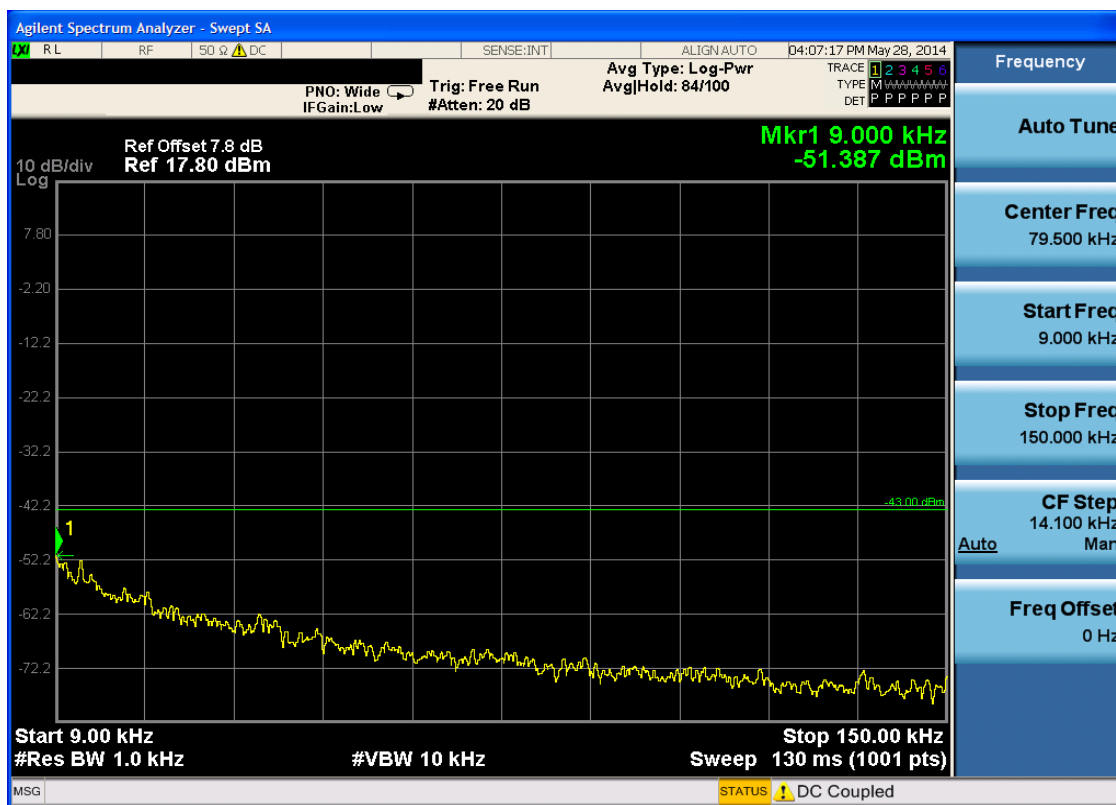


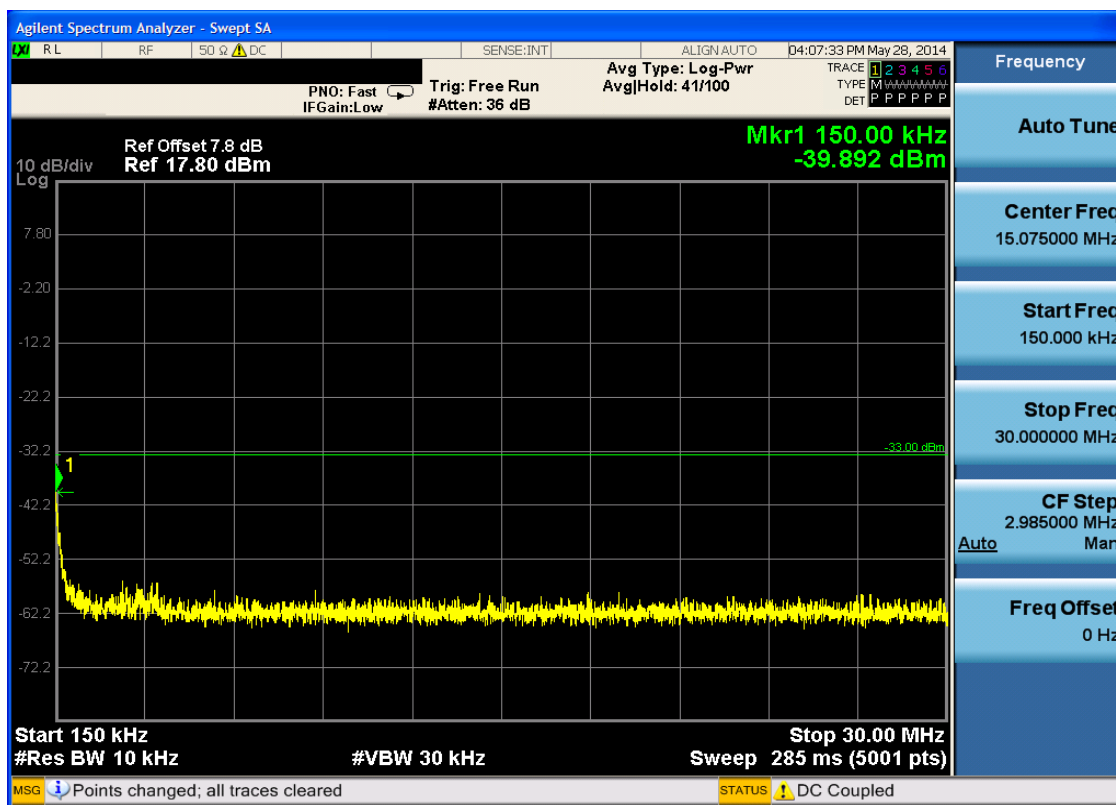


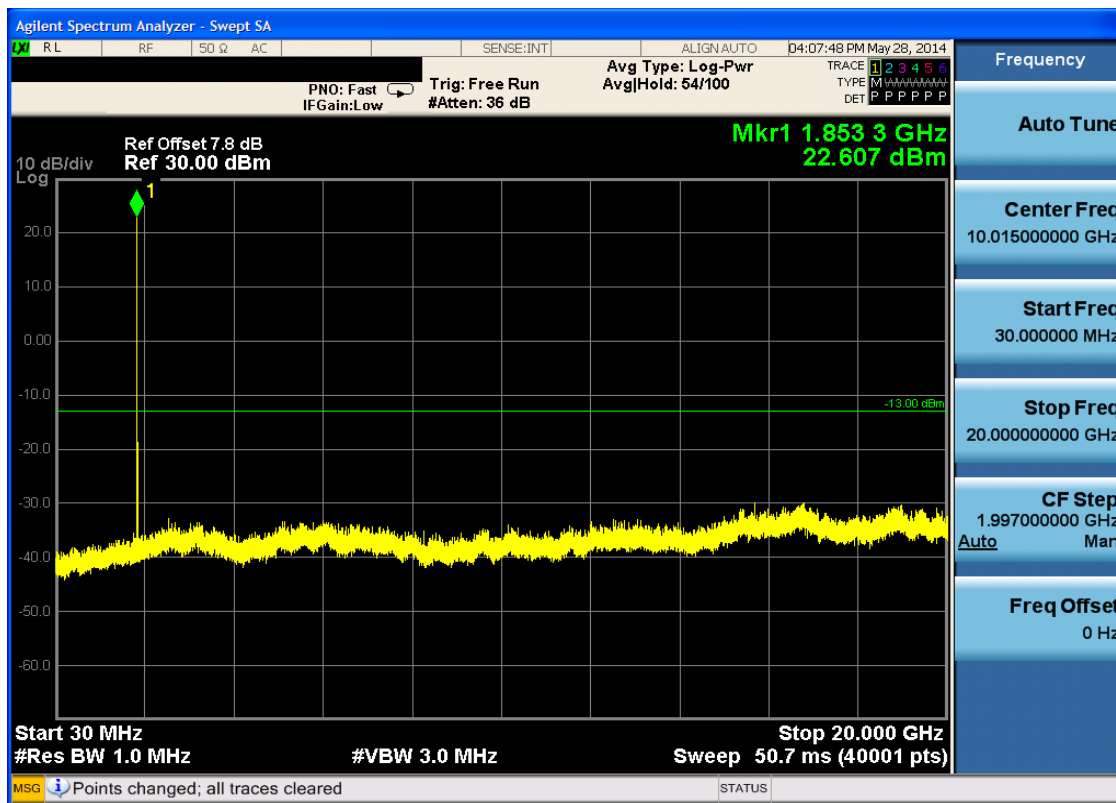
6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

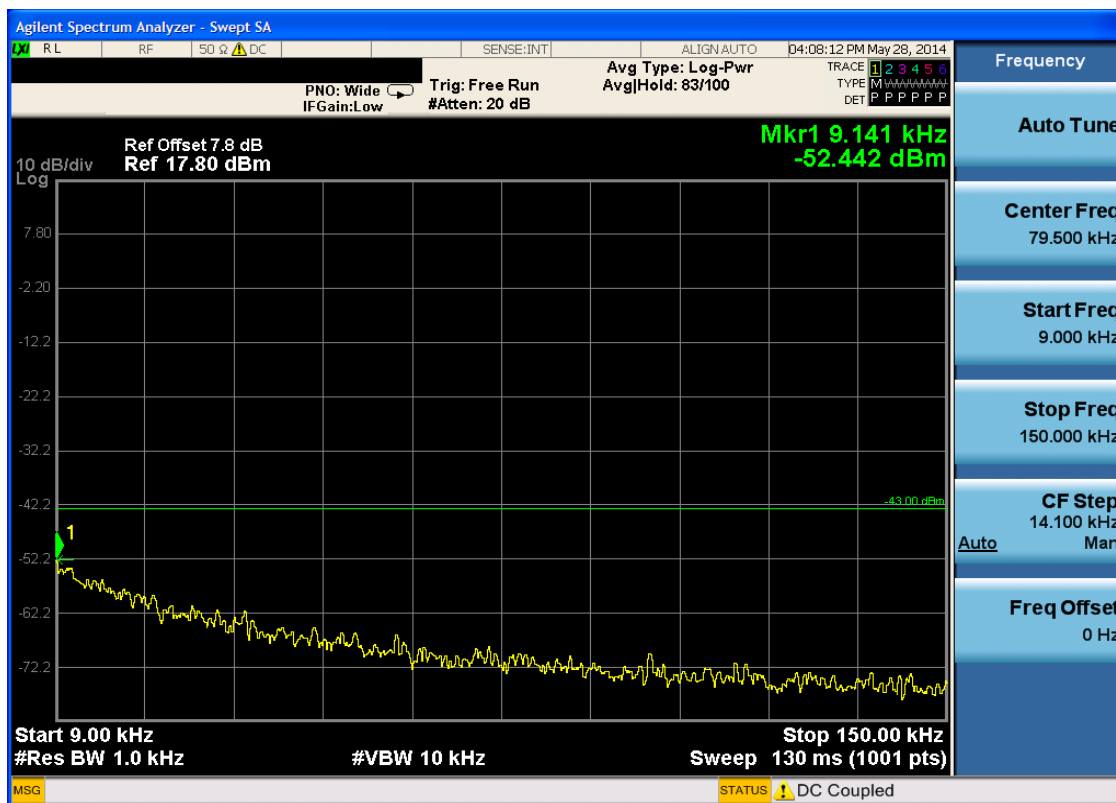
6.2.2.1.1 Test Channel = LCH

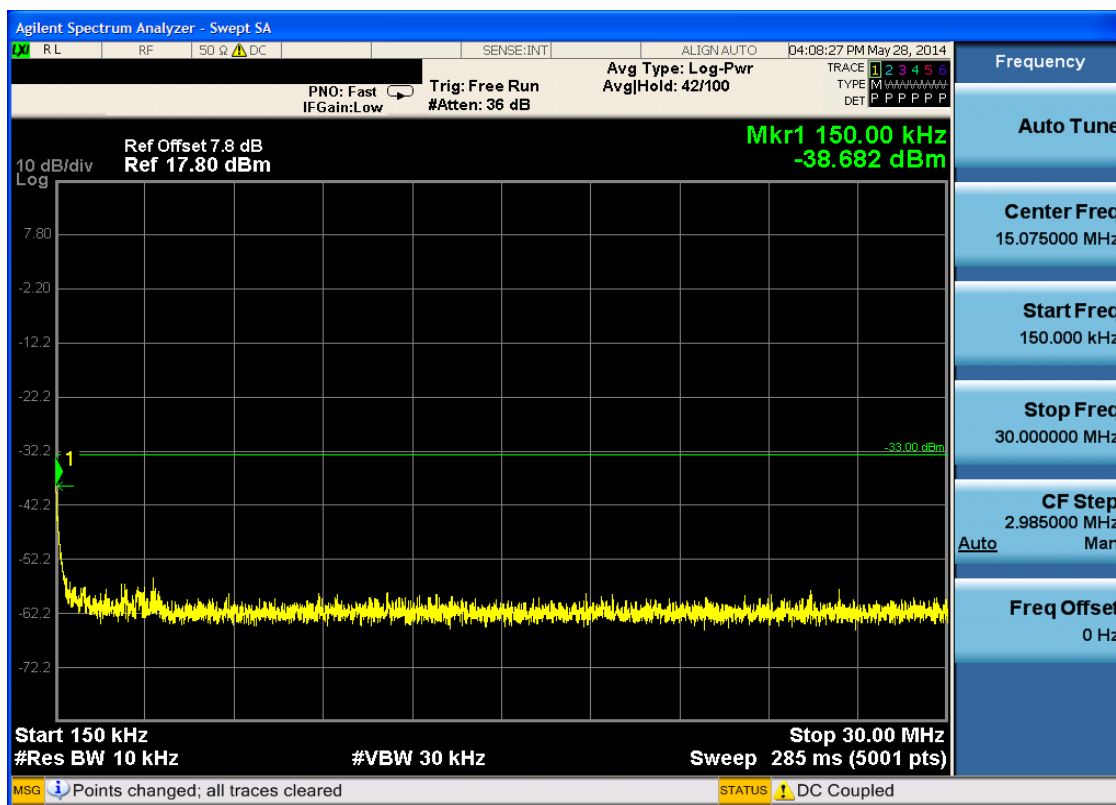


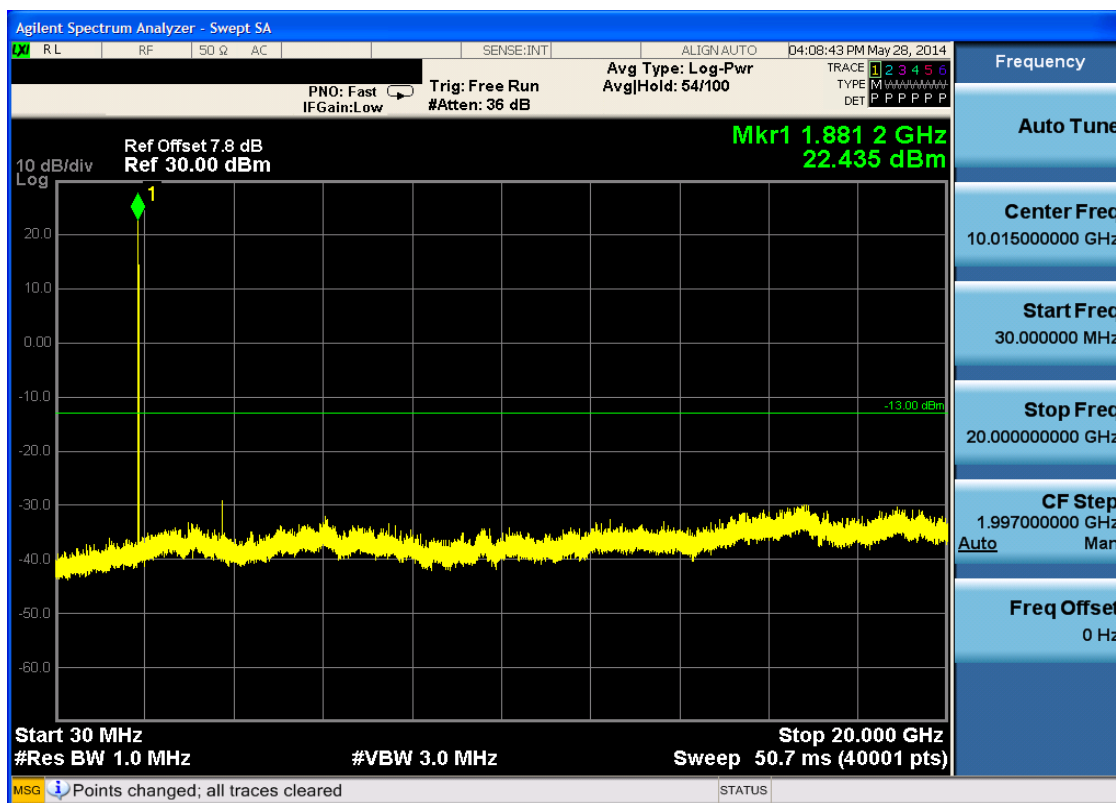




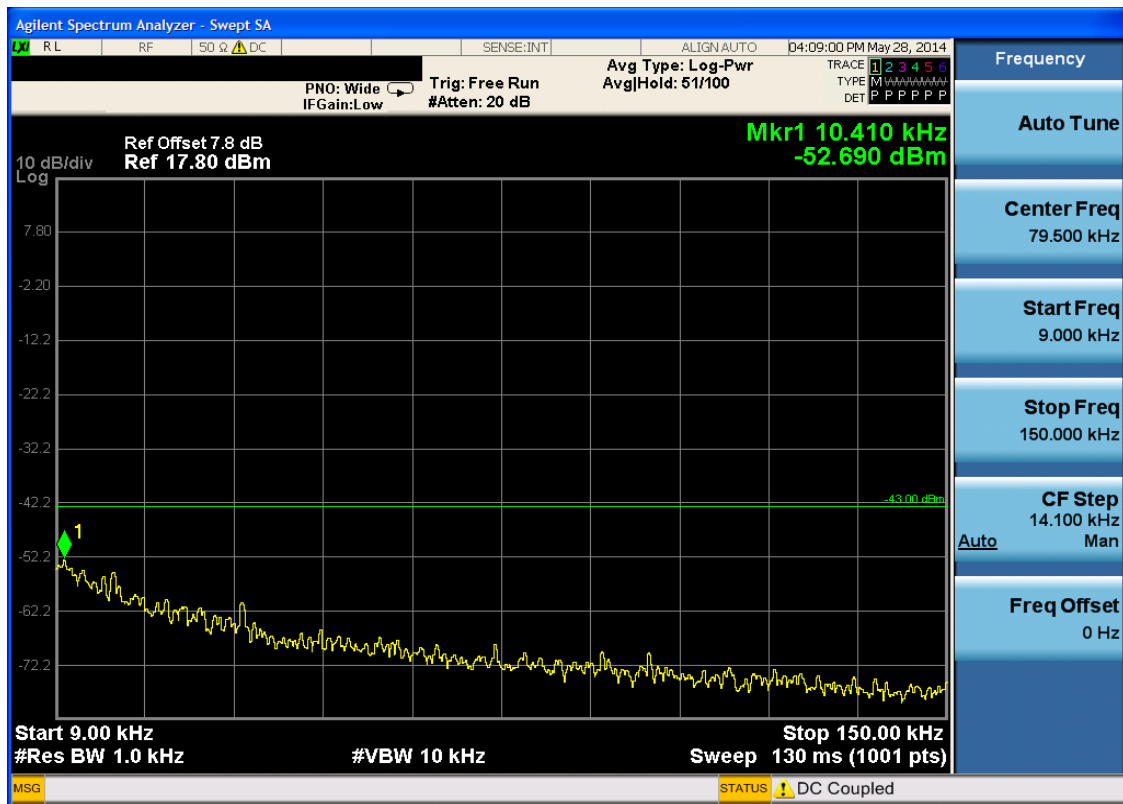
6.2.2.1.2 Test Channel = MCH

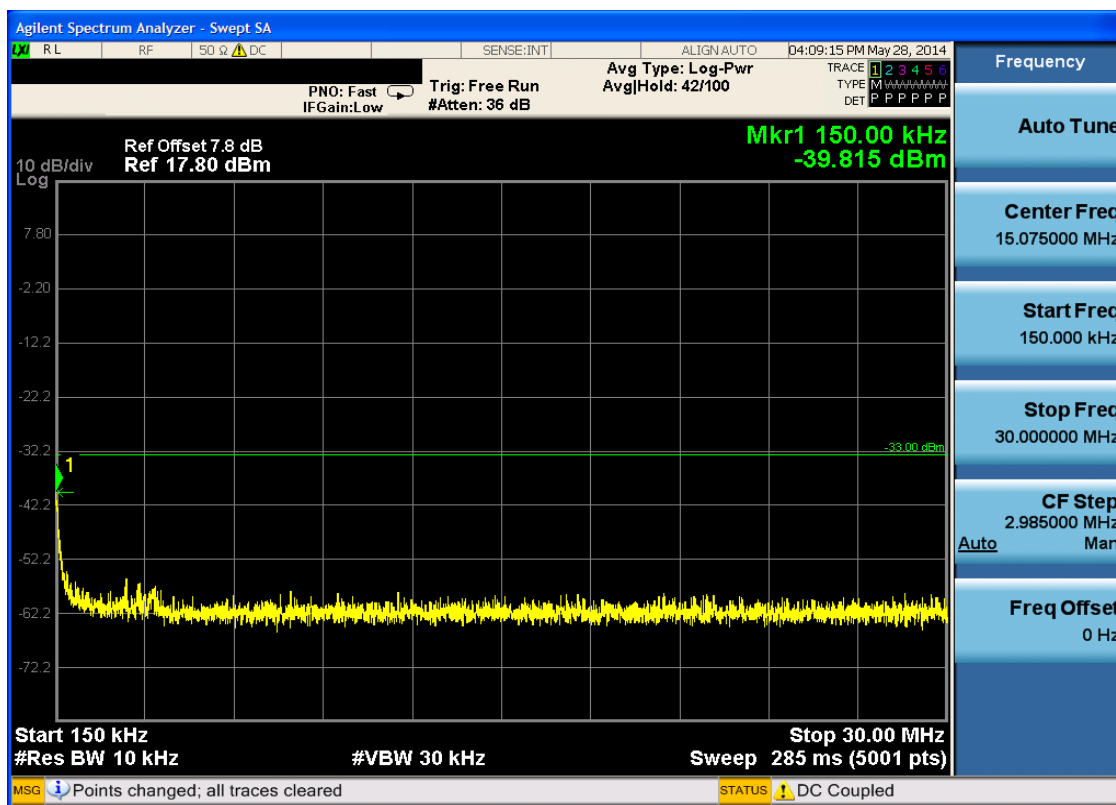


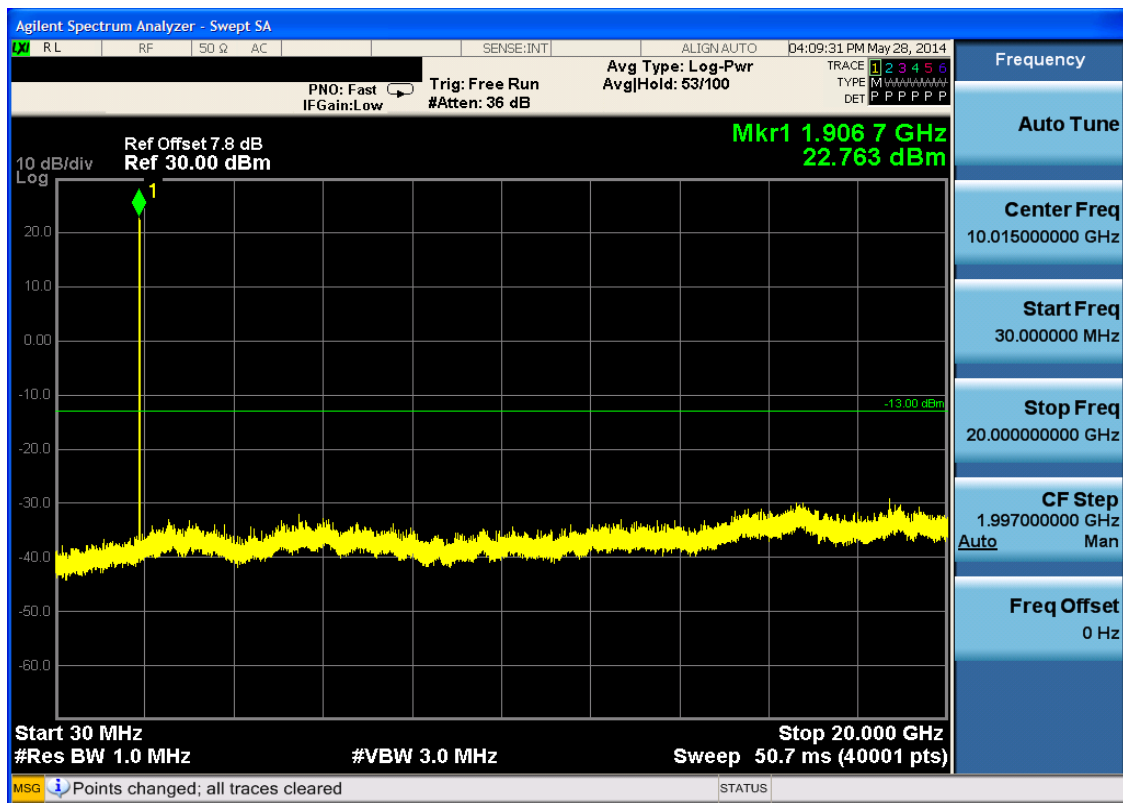




6.2.2.1.3 Test Channel = HCH



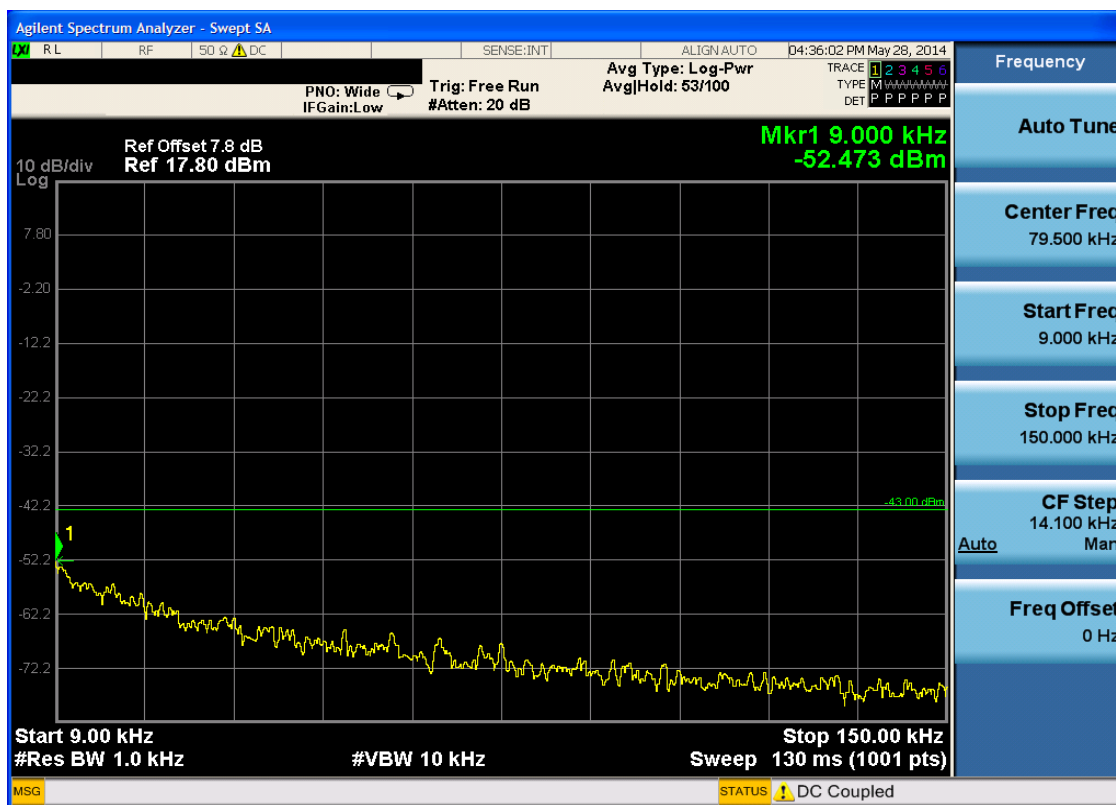


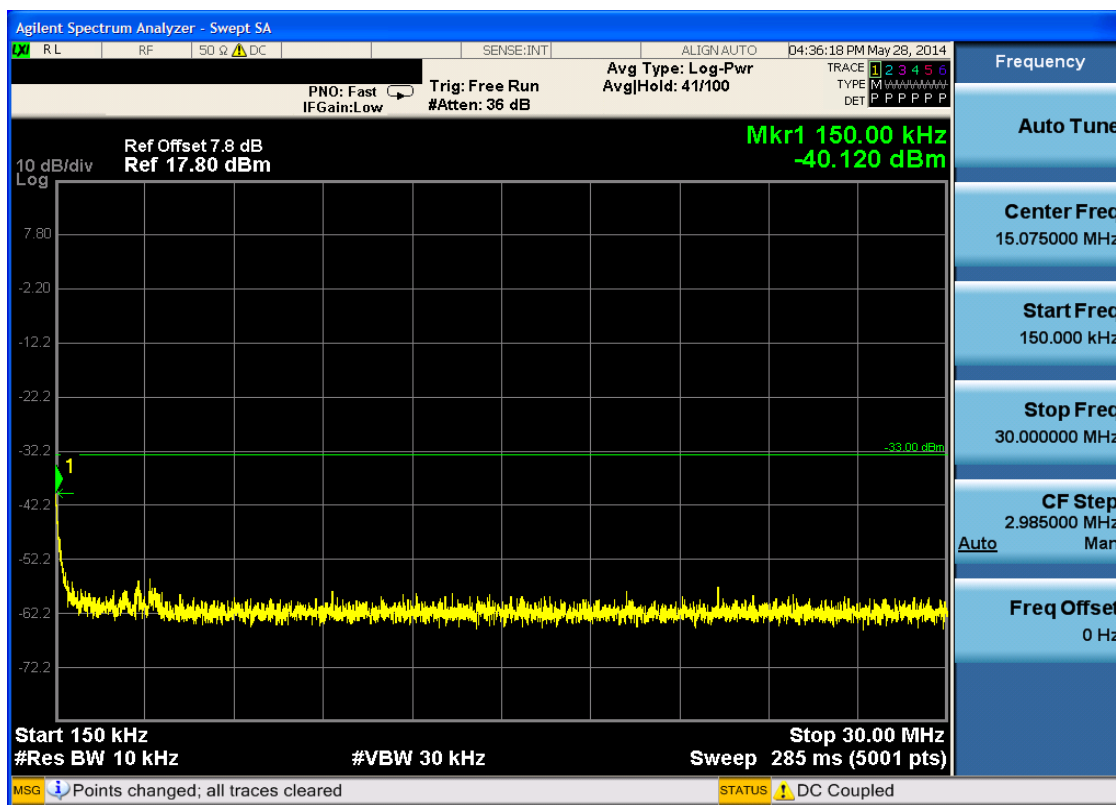


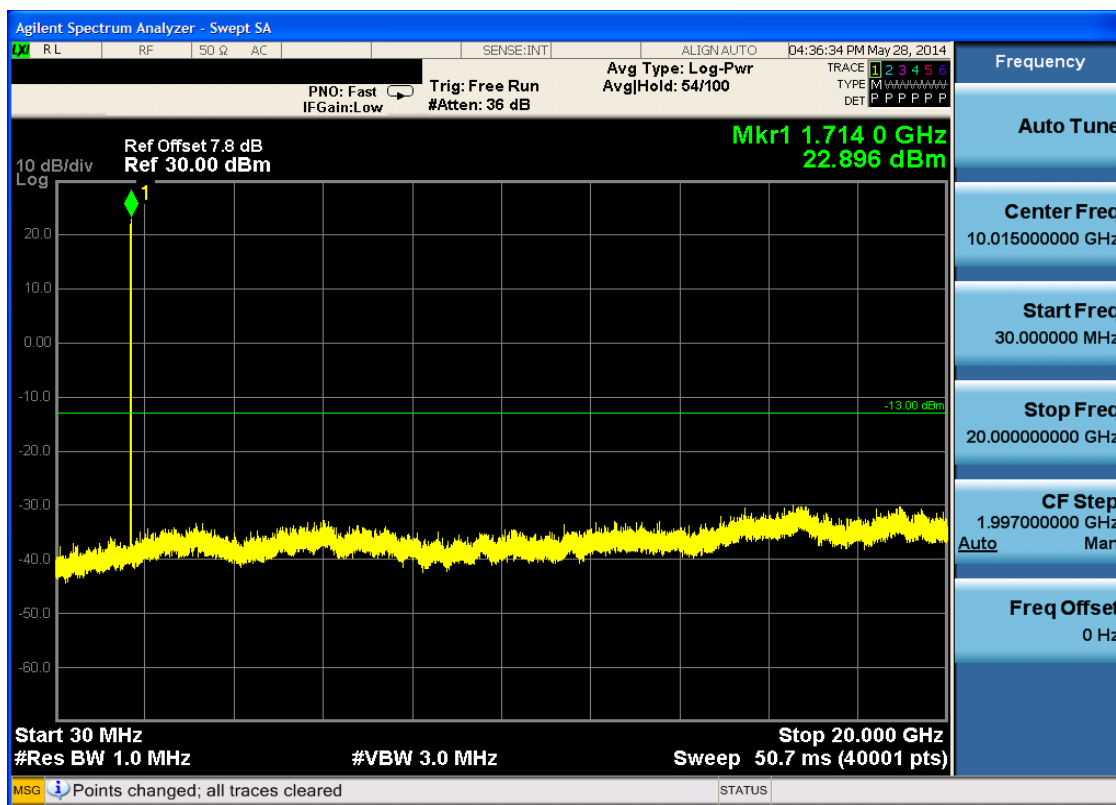
6.2.3 Test Band = WCDMA1700

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 04:36:52 PM May 28, 2014

PNO: Wide Trig: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 20 dB AvgHold: 44/100

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

Ref Offset 7.8 dB
Ref 17.80 dBm

Mkr1 10.833 kHz
-53.553 dBm

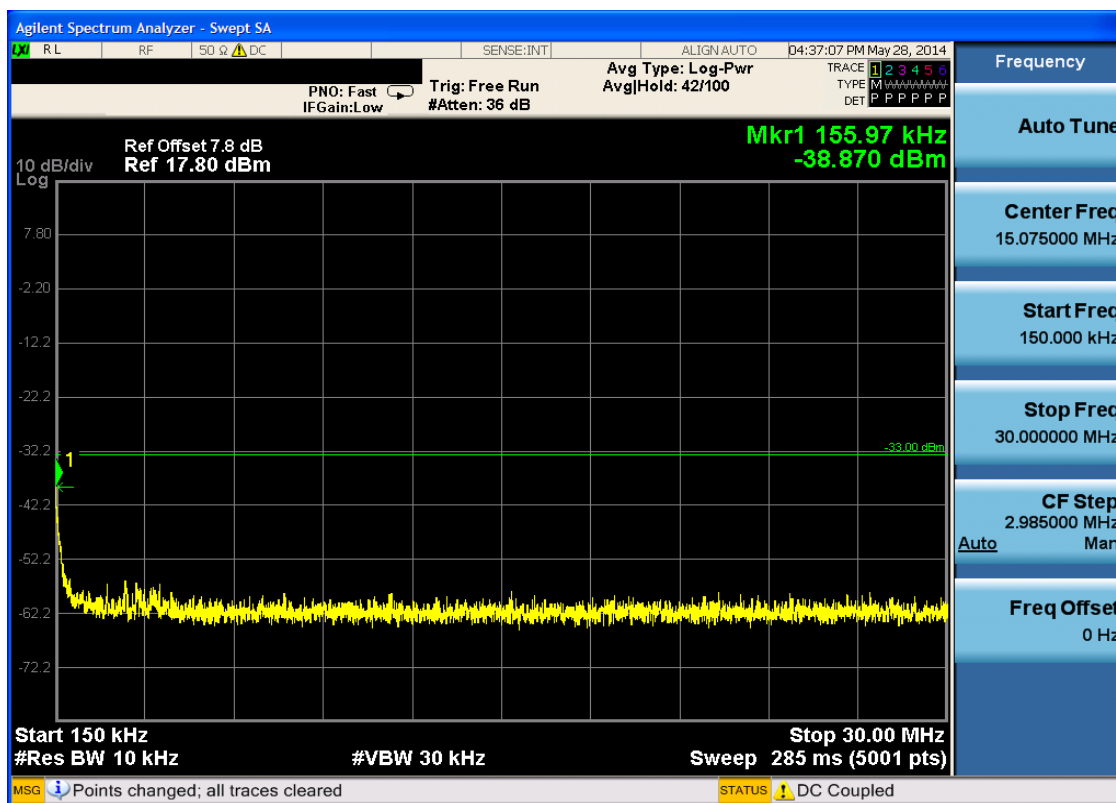
10 dB/div
Log

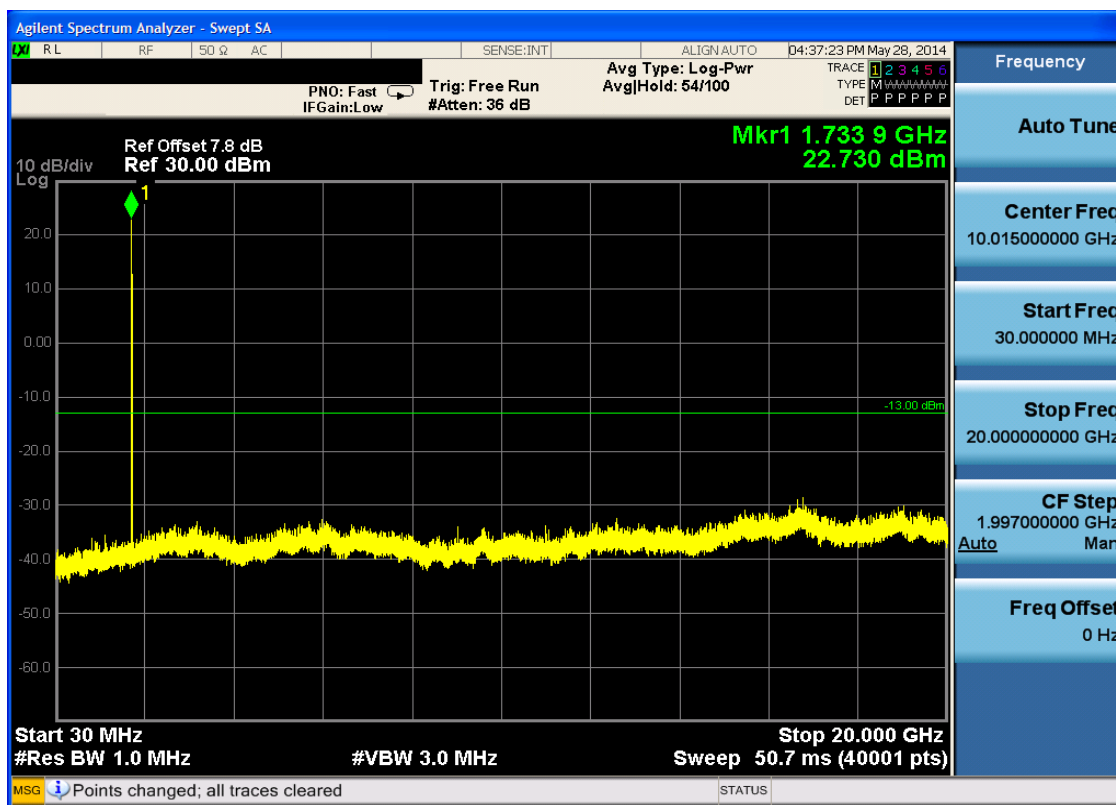
7.80
-2.20
-12.2
-22.2
-32.2
-42.2
-52.2
-62.2
-72.2

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

MSG STATUS DC Coupled

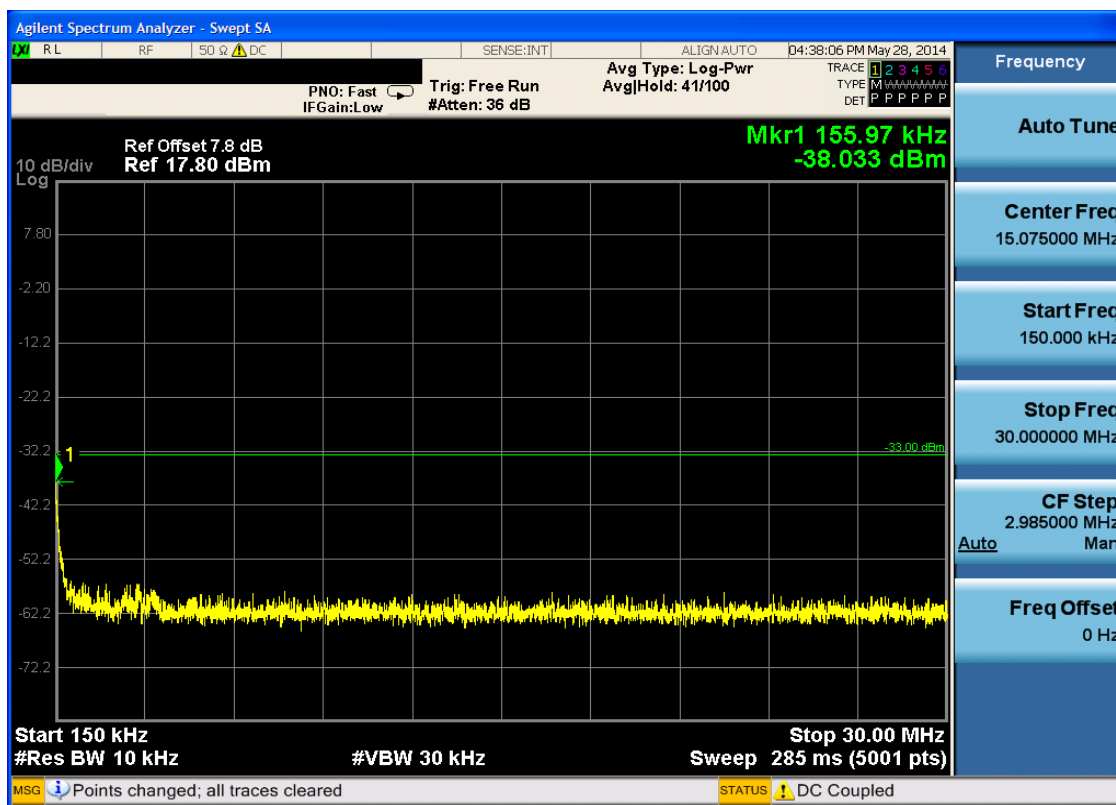
Frequency
Auto Tune
Center Freq
79.500 kHz
Start Freq
9.000 kHz
Stop Freq
150.000 kHz
CF Step
14.100 kHz
Auto
Freq Offset
0 Hz

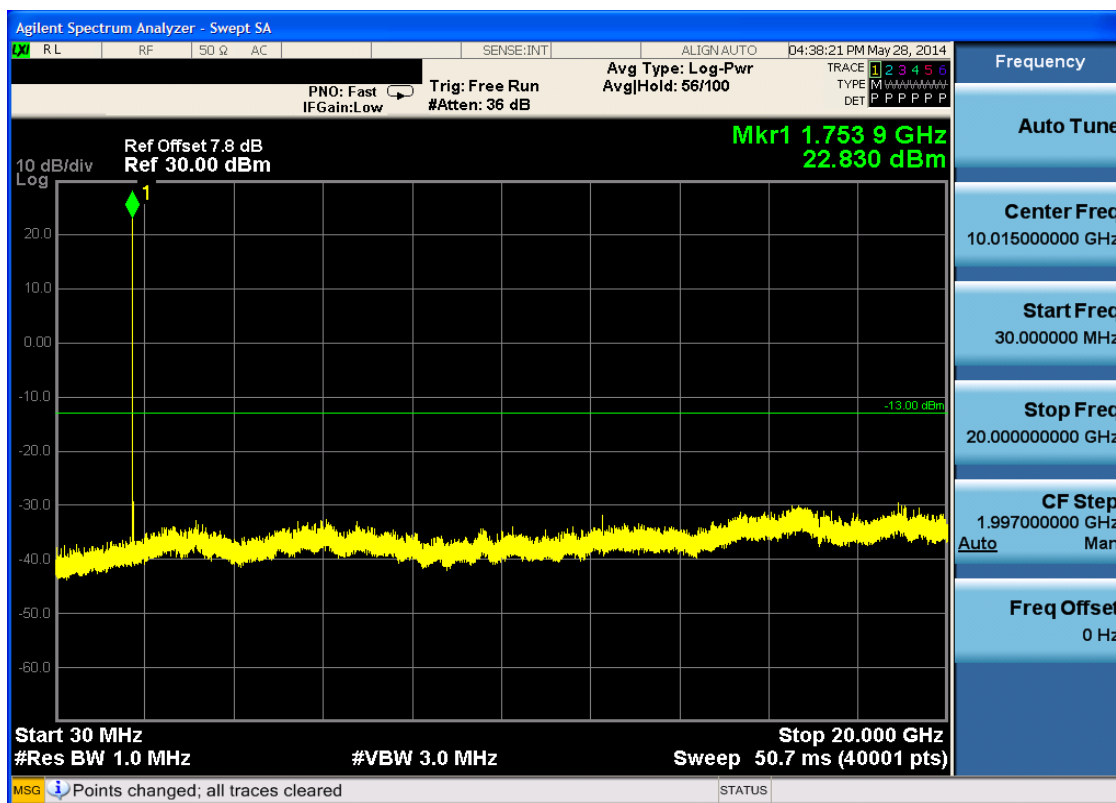




6.2.3.1.3 Test Channel = HCH







6.3 For LTE

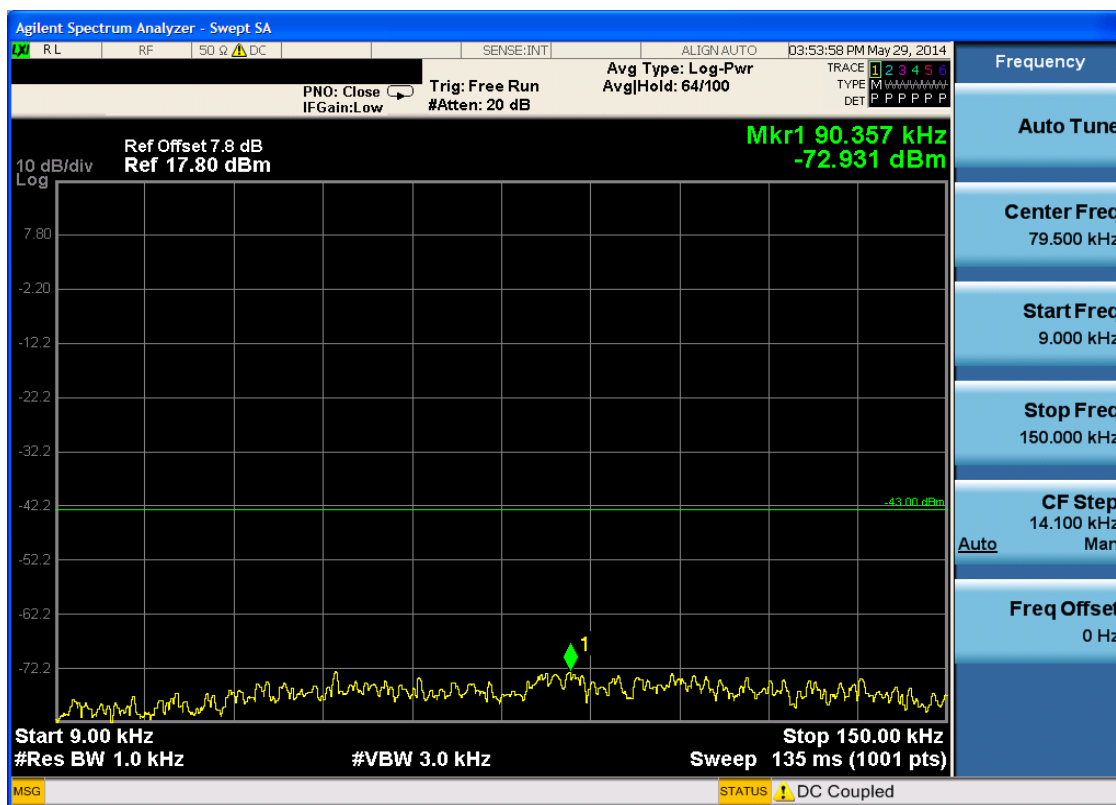
6.3.1 Test Band = BAND4

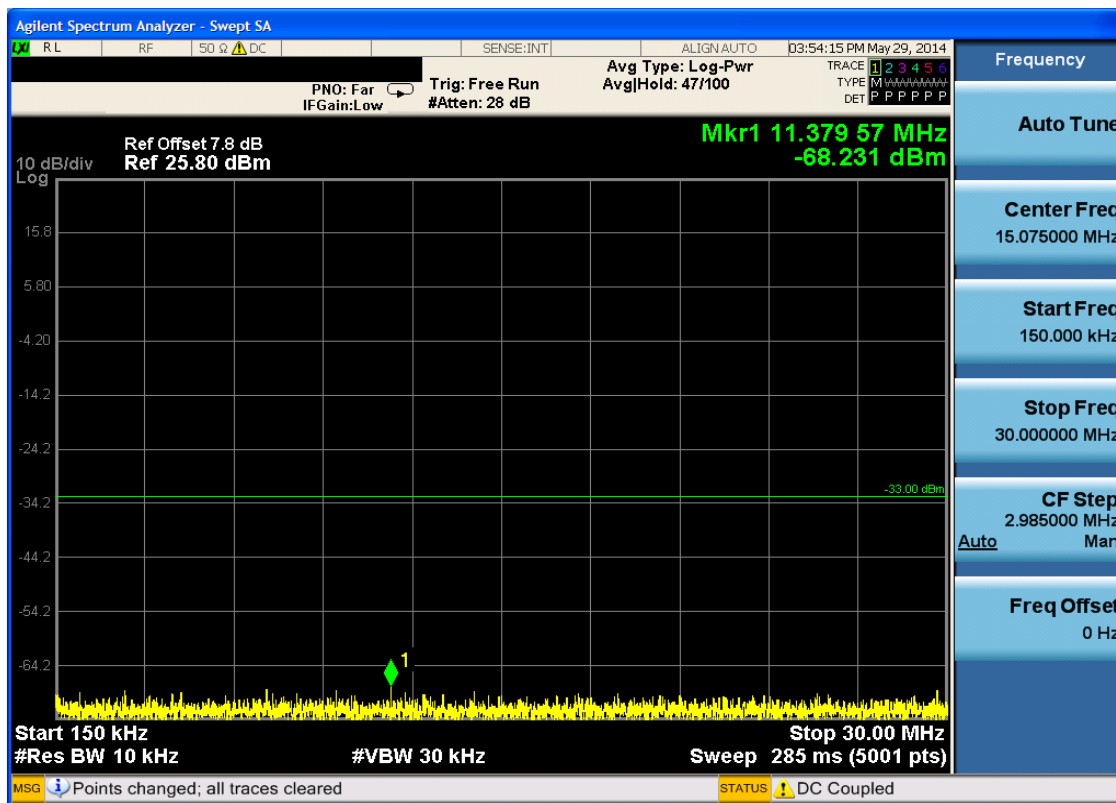
6.3.1.1 Test Mode = LTE/TM1

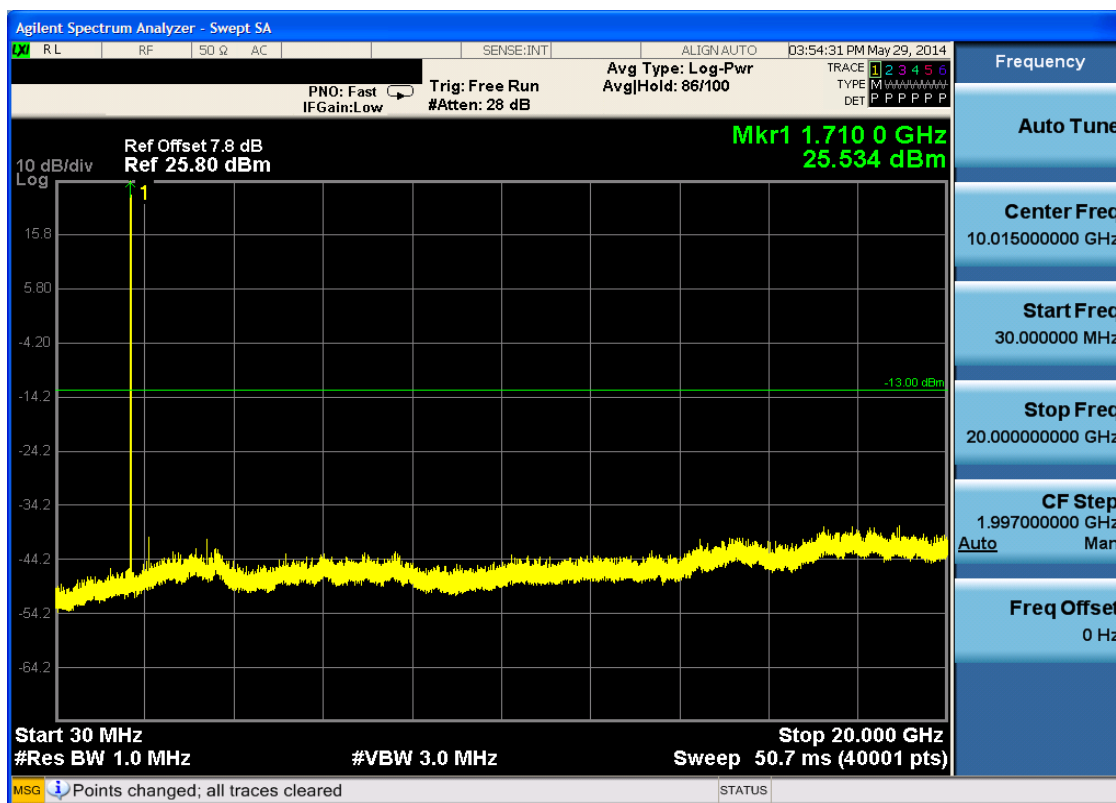
6.3.1.1.1 Test Bandwidth = 1.4

6.3.1.1.1.1 Test Channel = LCH

6.3.1.1.1.1.1 Test RB = RB1#0

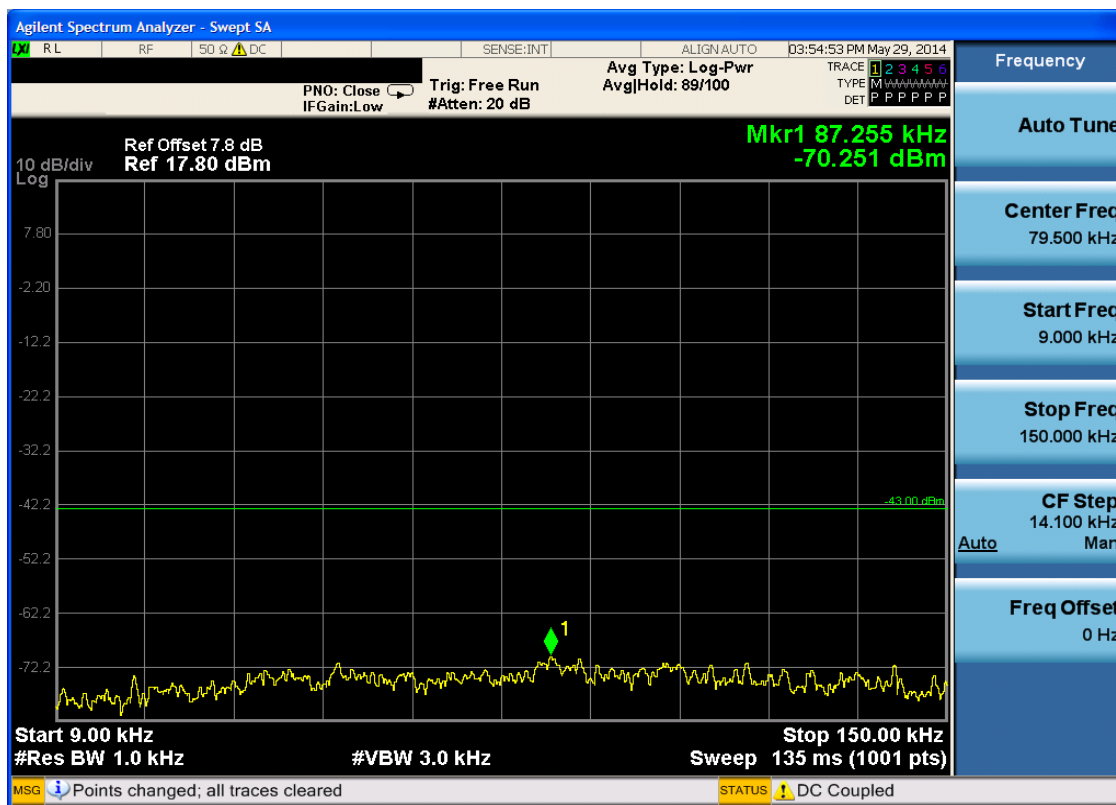


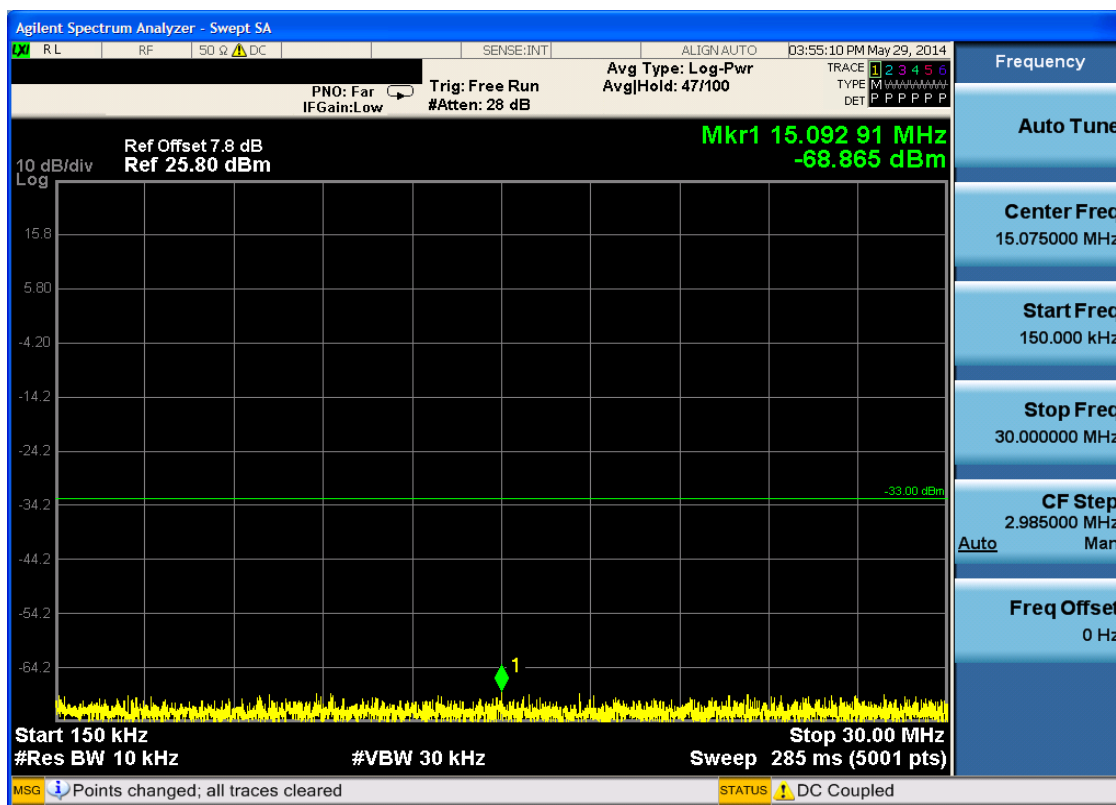


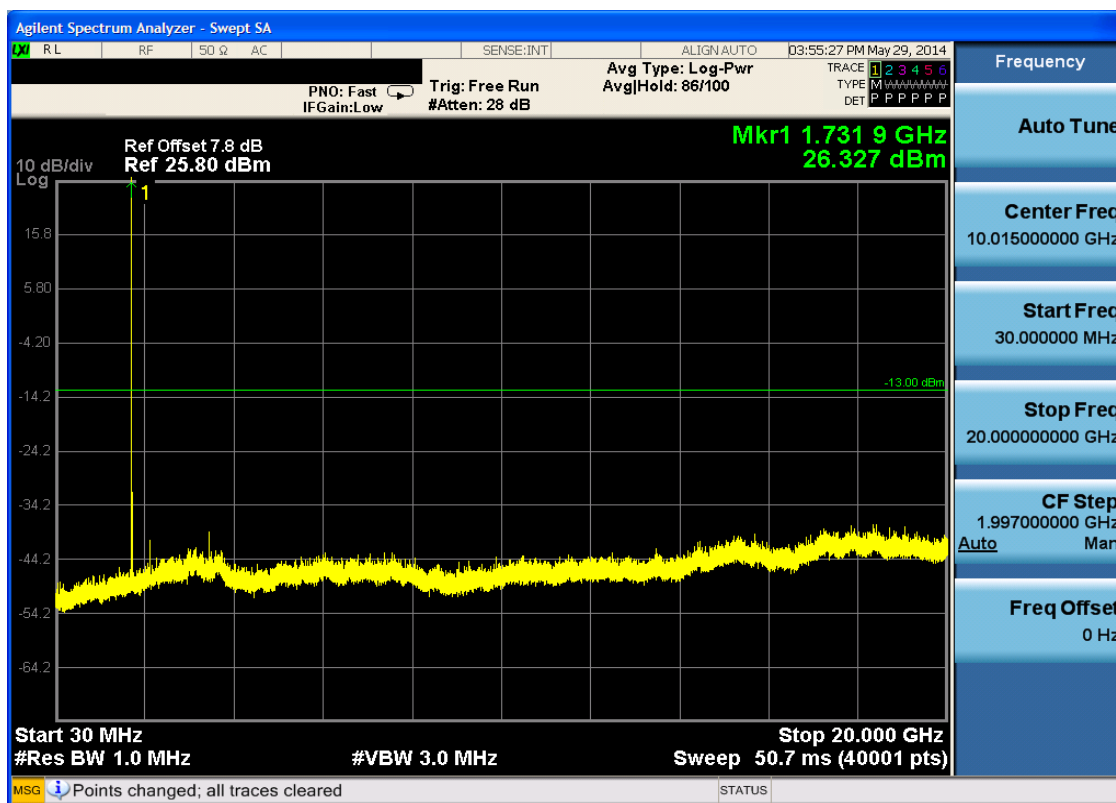


6.3.1.1.1.2 Test Channel = MCH

6.3.1.1.1.2.1 Test RB = RB1#0



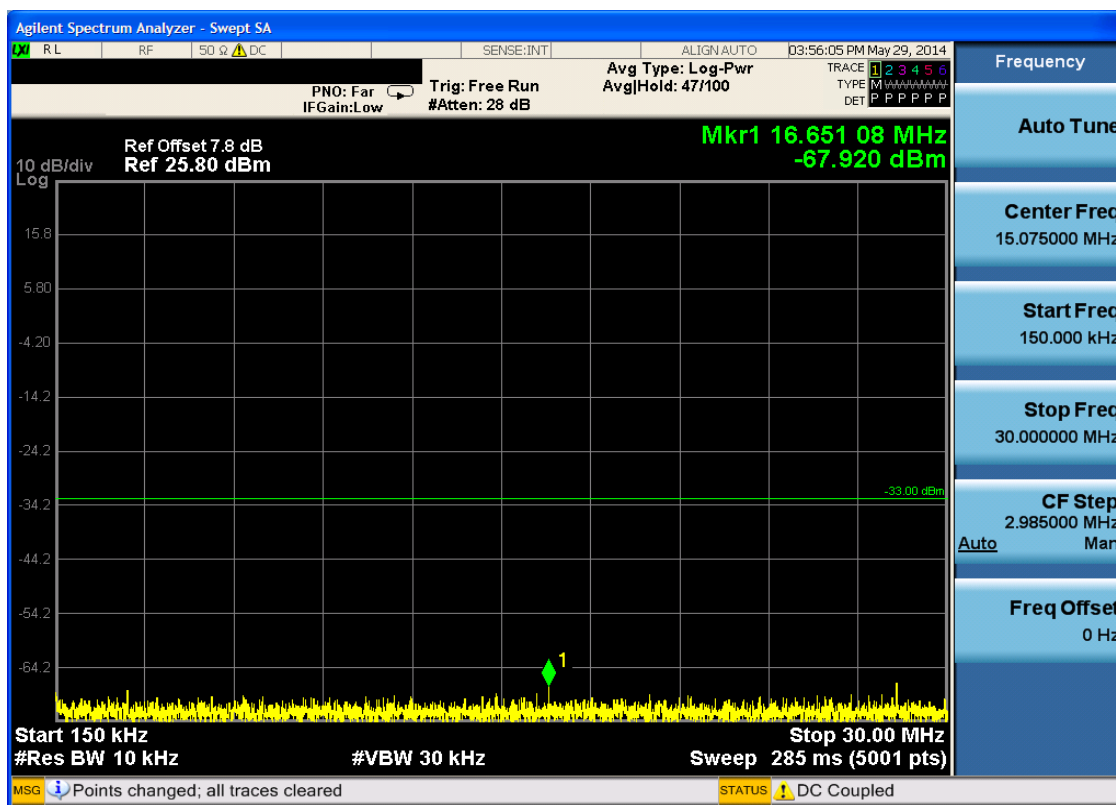


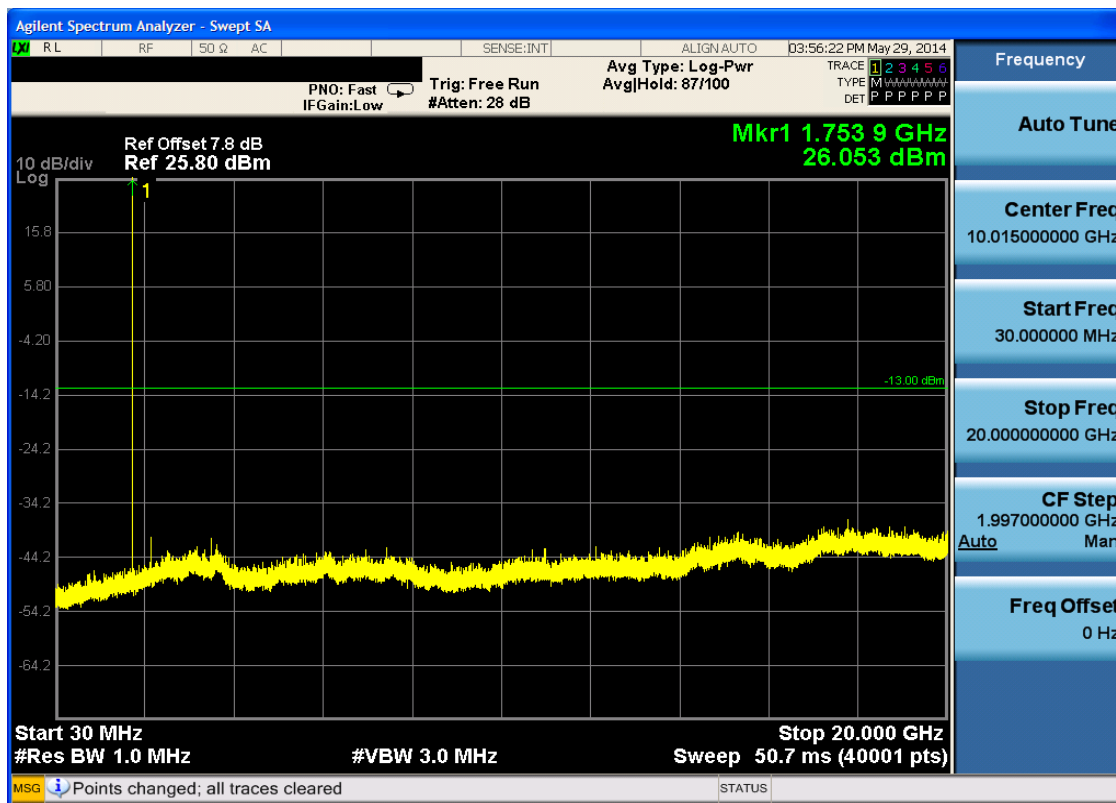


6.3.1.1.1.3 Test Channel = HCH

6.3.1.1.1.3.1 Test RB = RB1#0





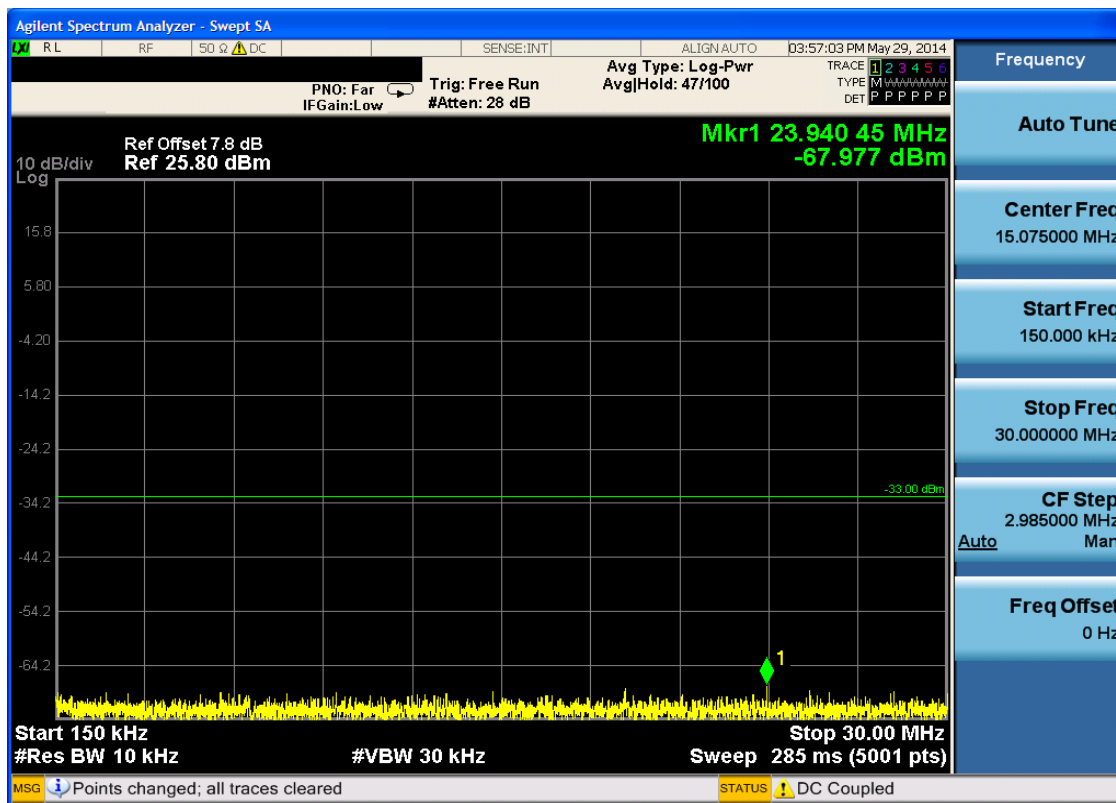


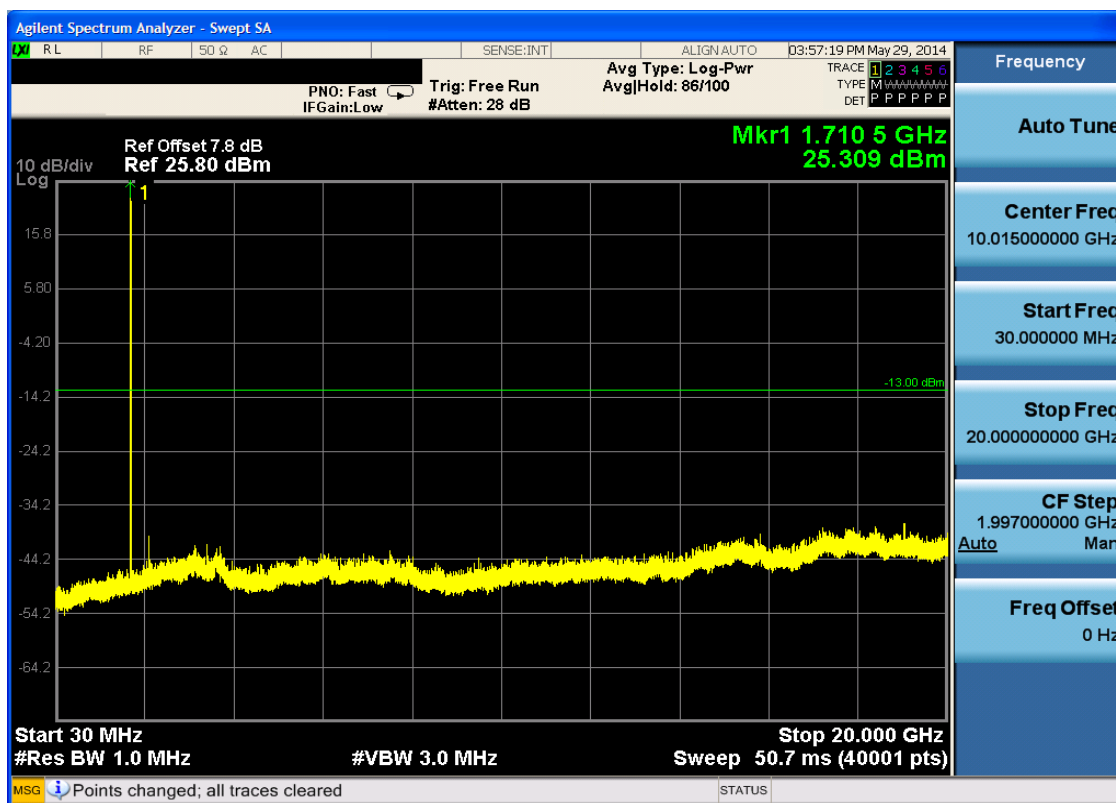
6.3.1.1.2 Test Bandwidth = 3

6.3.1.1.2.1 Test Channel = LCH

6.3.1.1.2.1.1 Test RB = RB1#0

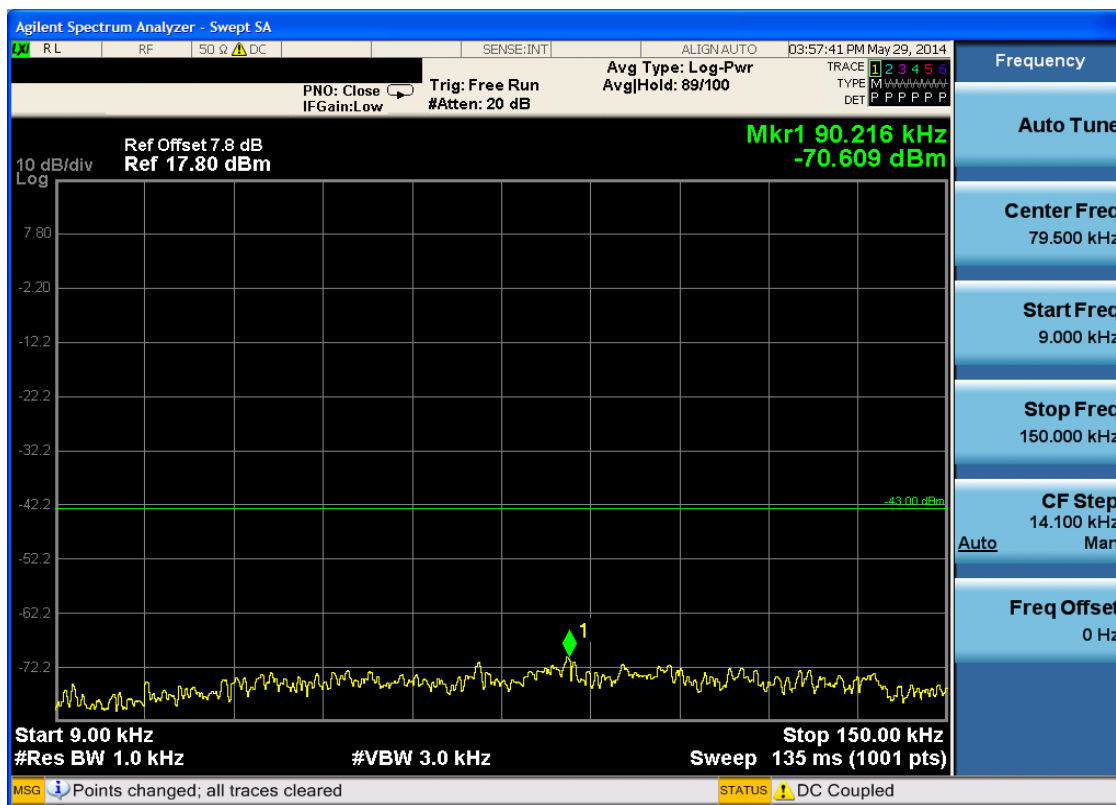


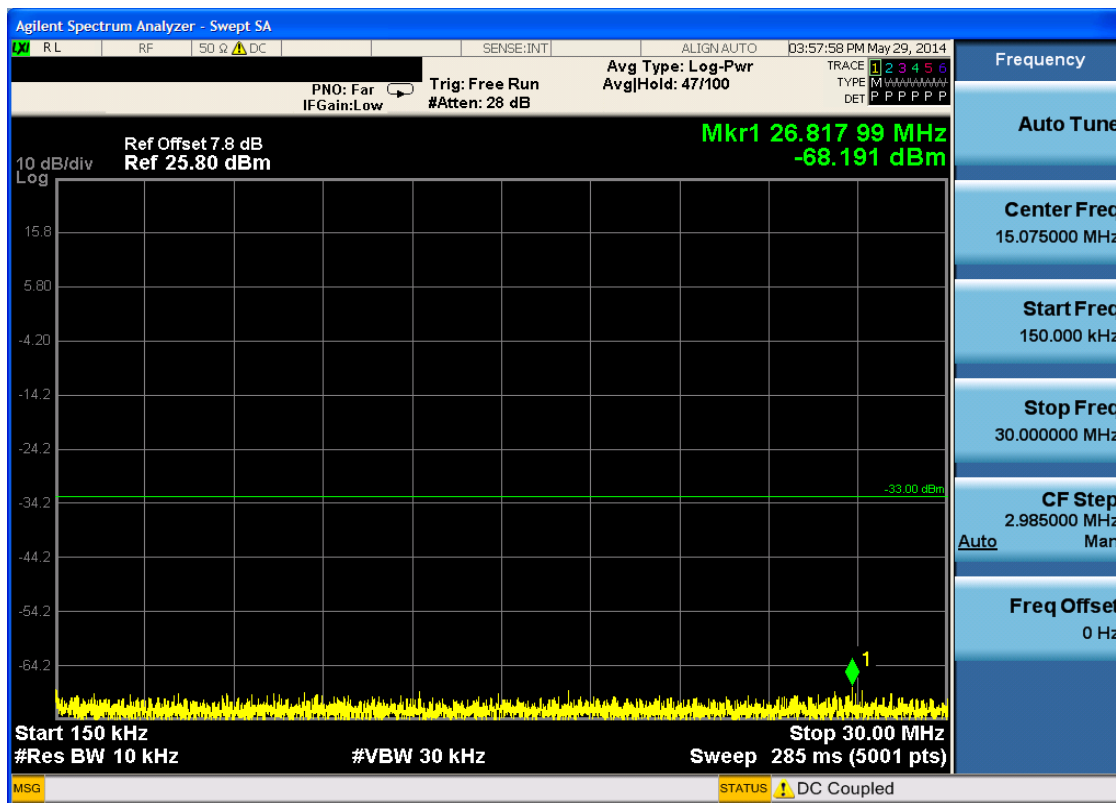


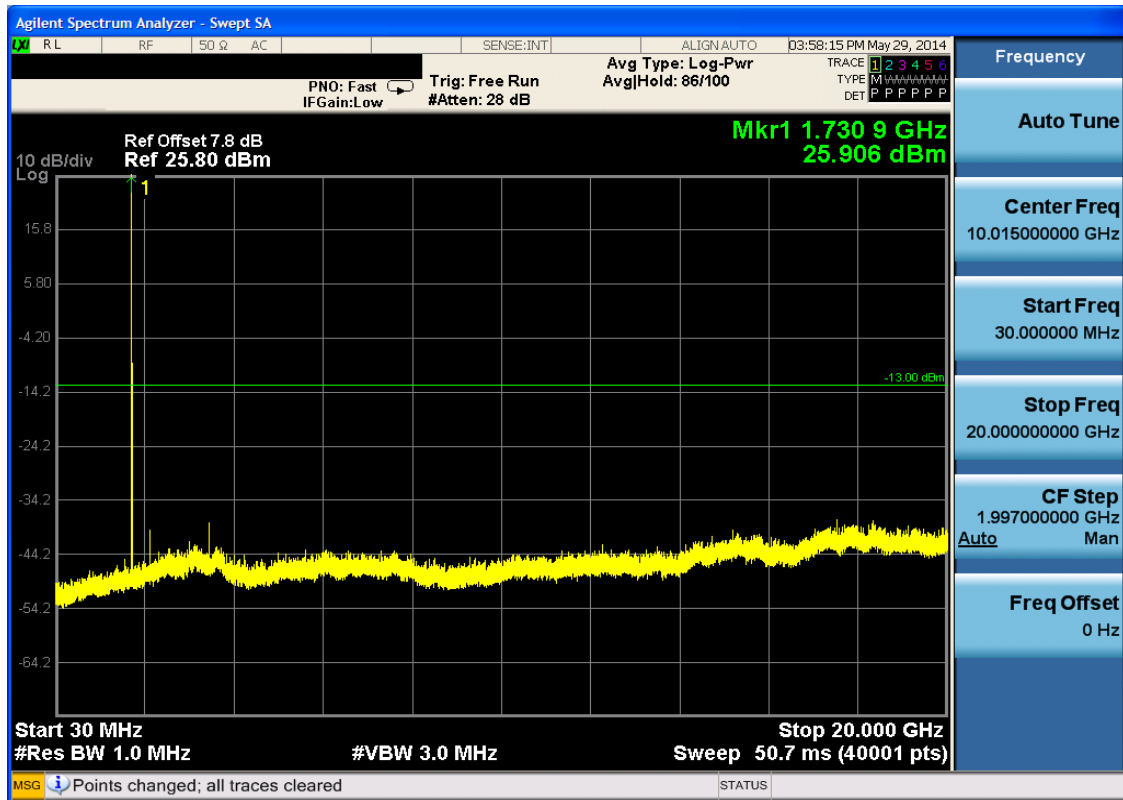


6.3.1.1.2.2 Test Channel = MCH

6.3.1.1.2.2.1 Test RB = RB1#0

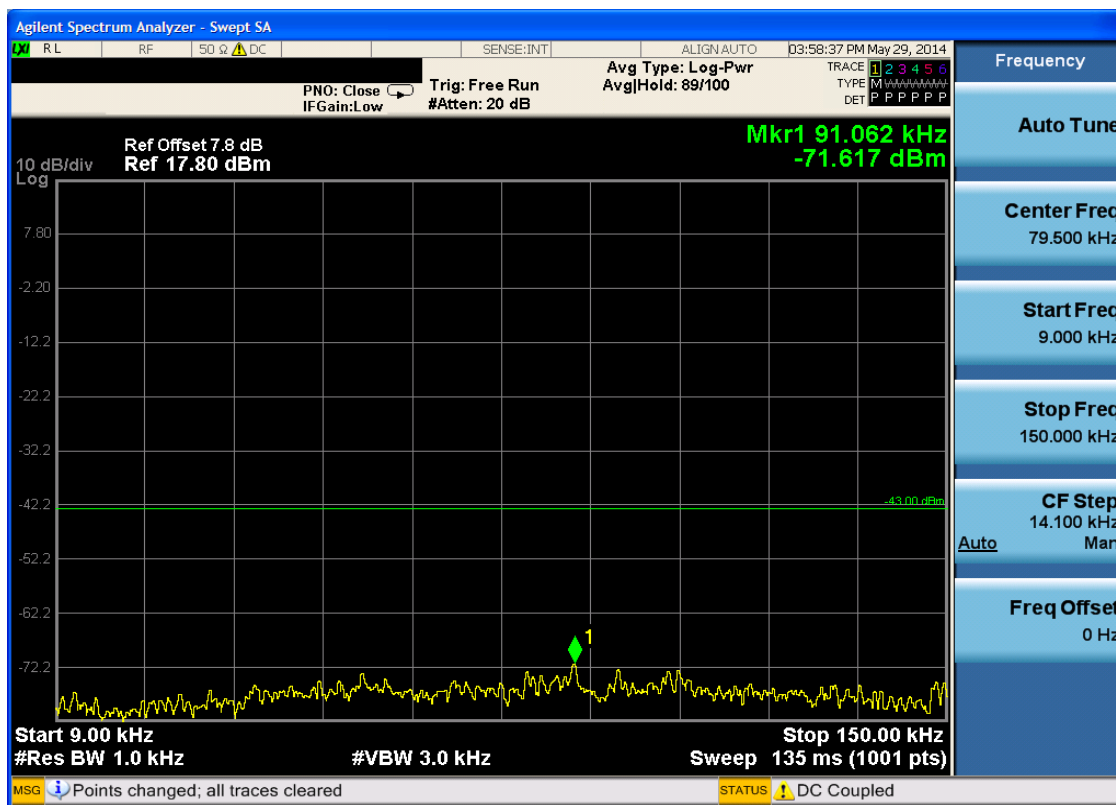


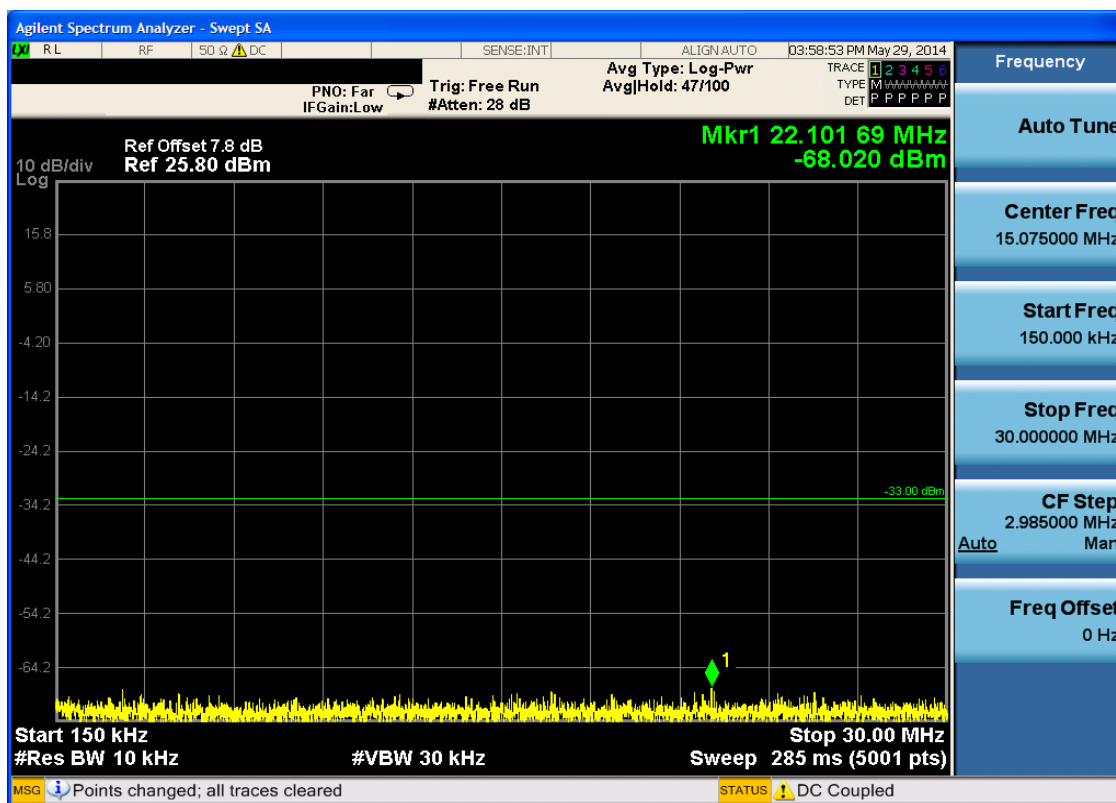


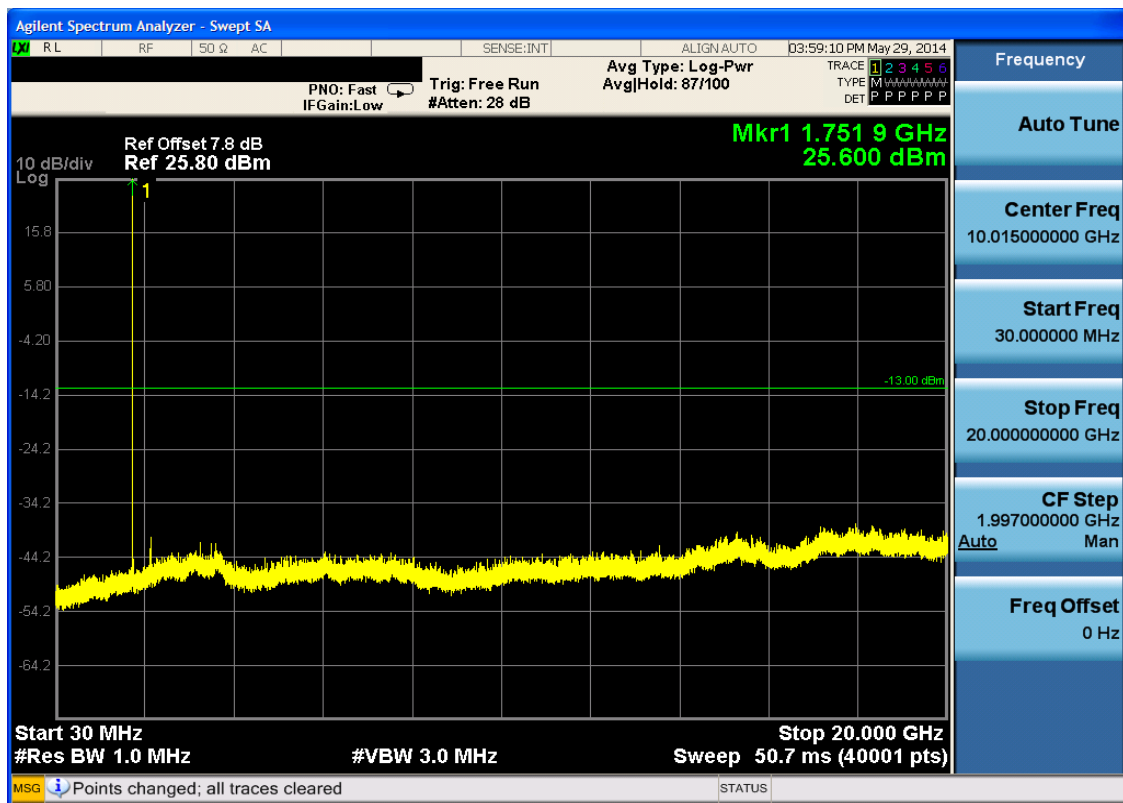


6.3.1.1.2.3 Test Channel = HCH

6.3.1.1.2.3.1 Test RB = RB1#0



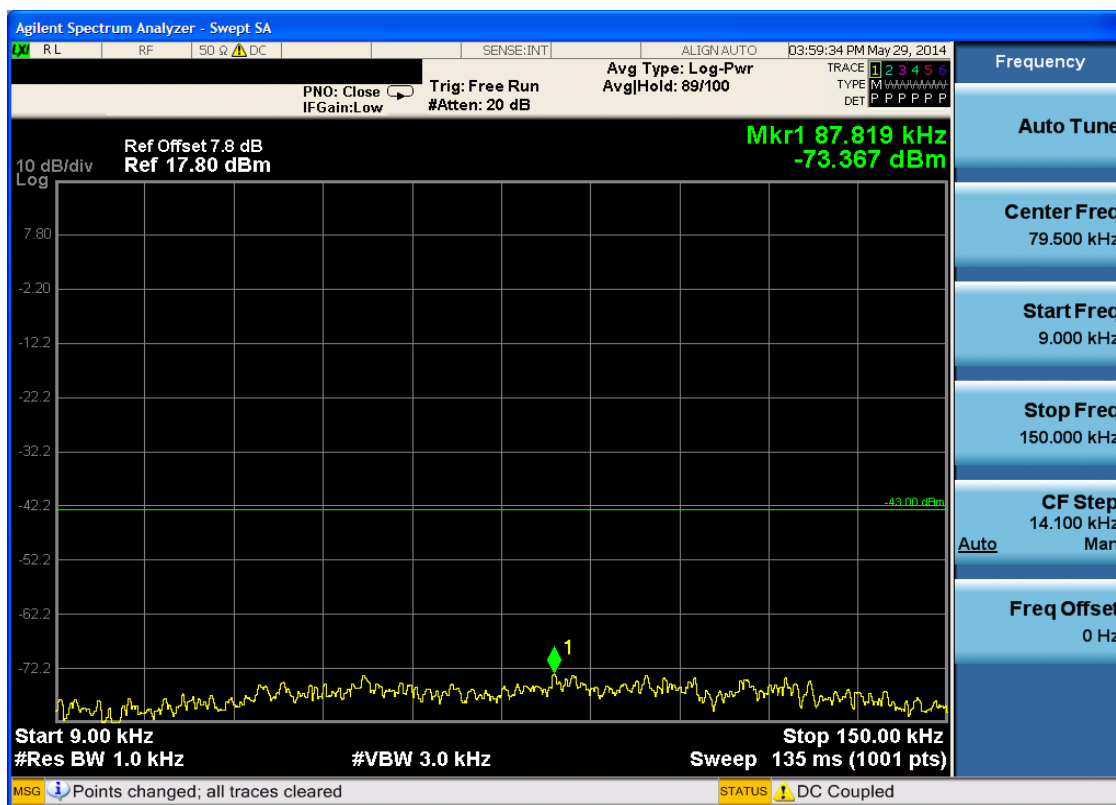


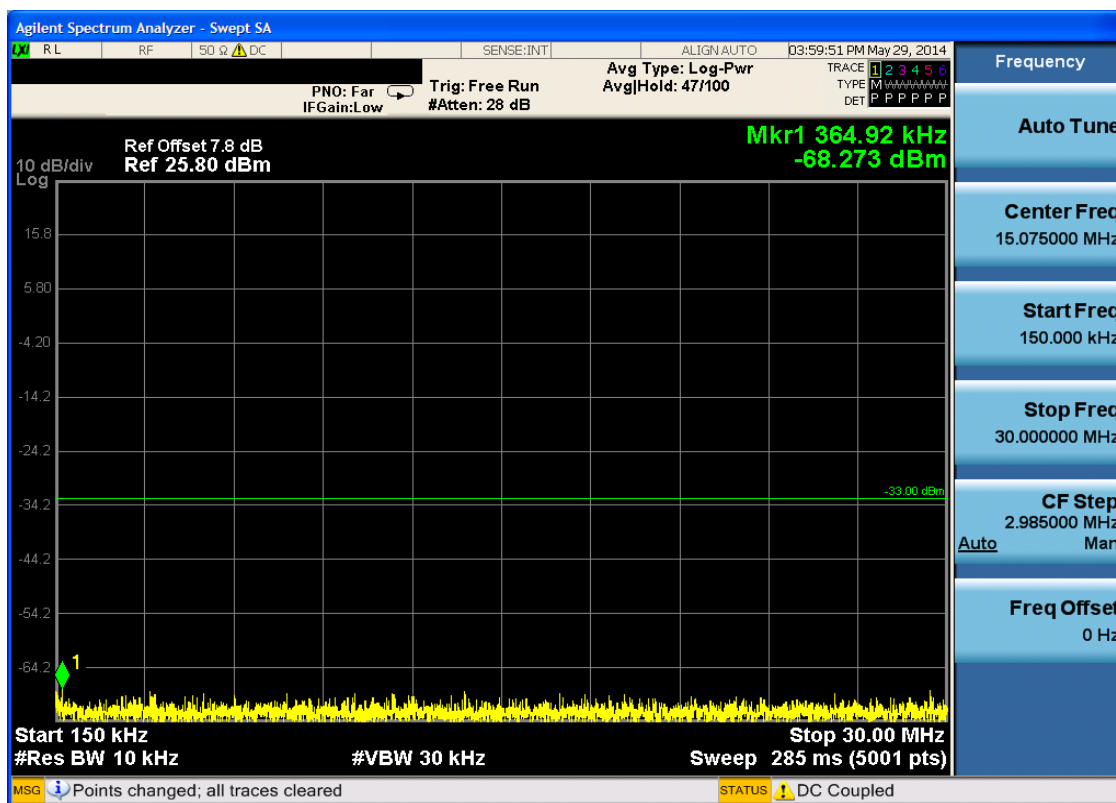


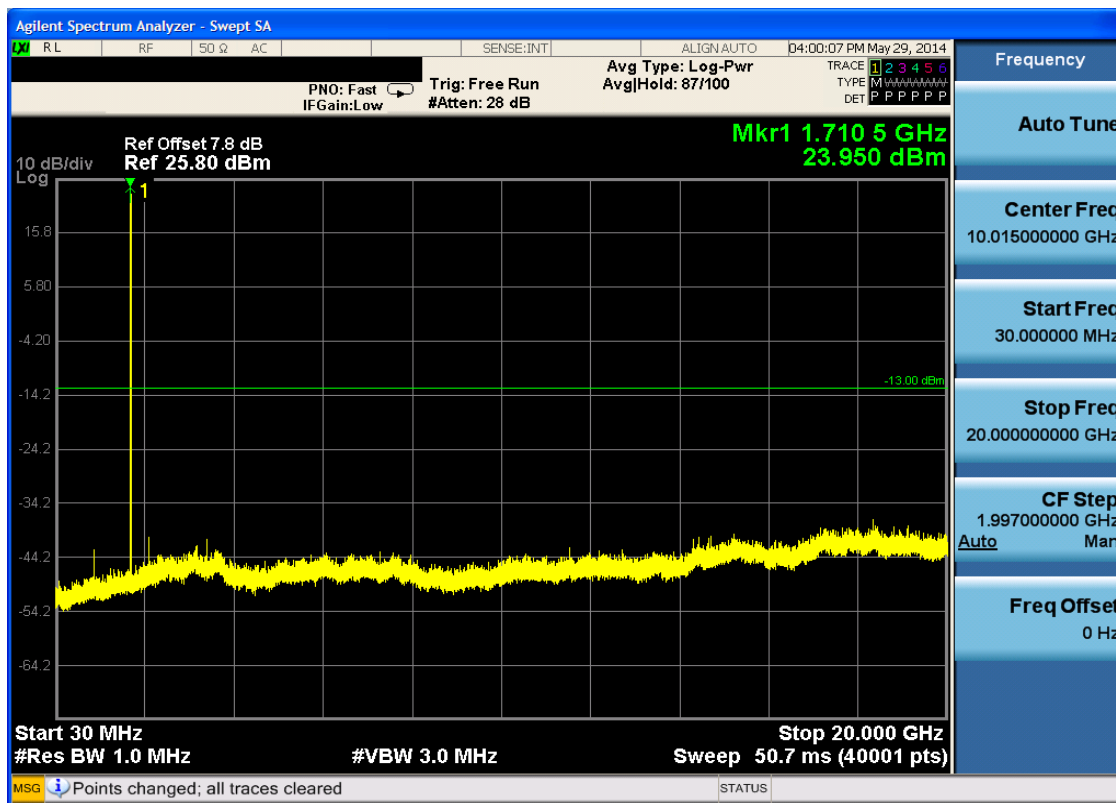
6.3.1.1.3 Test Bandwidth = 5

6.3.1.1.3.1 Test Channel = LCH

6.3.1.1.3.1.1 Test RB = RB1#0

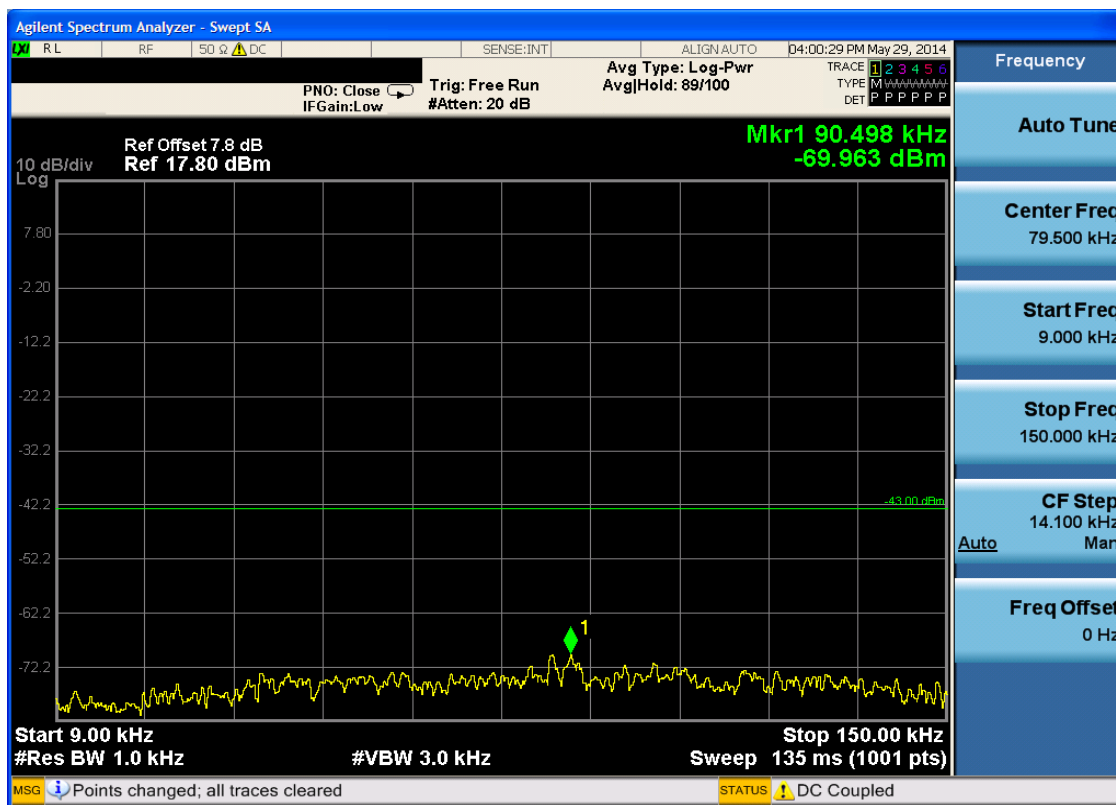


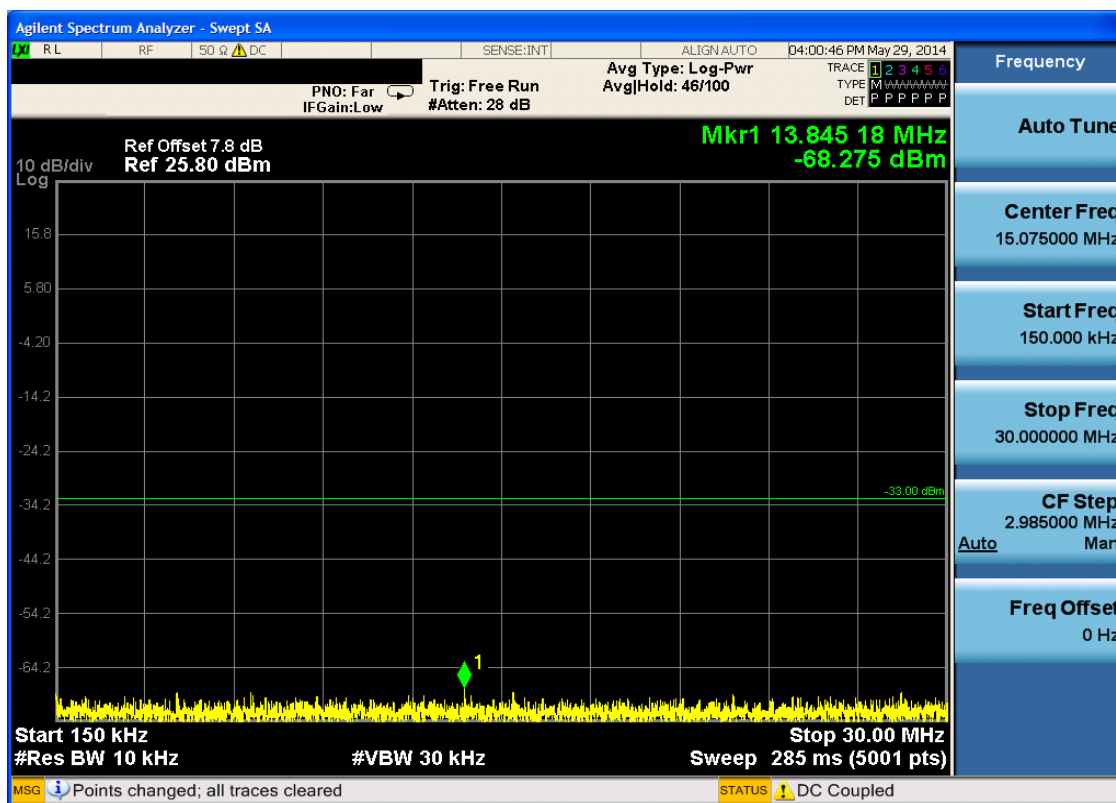


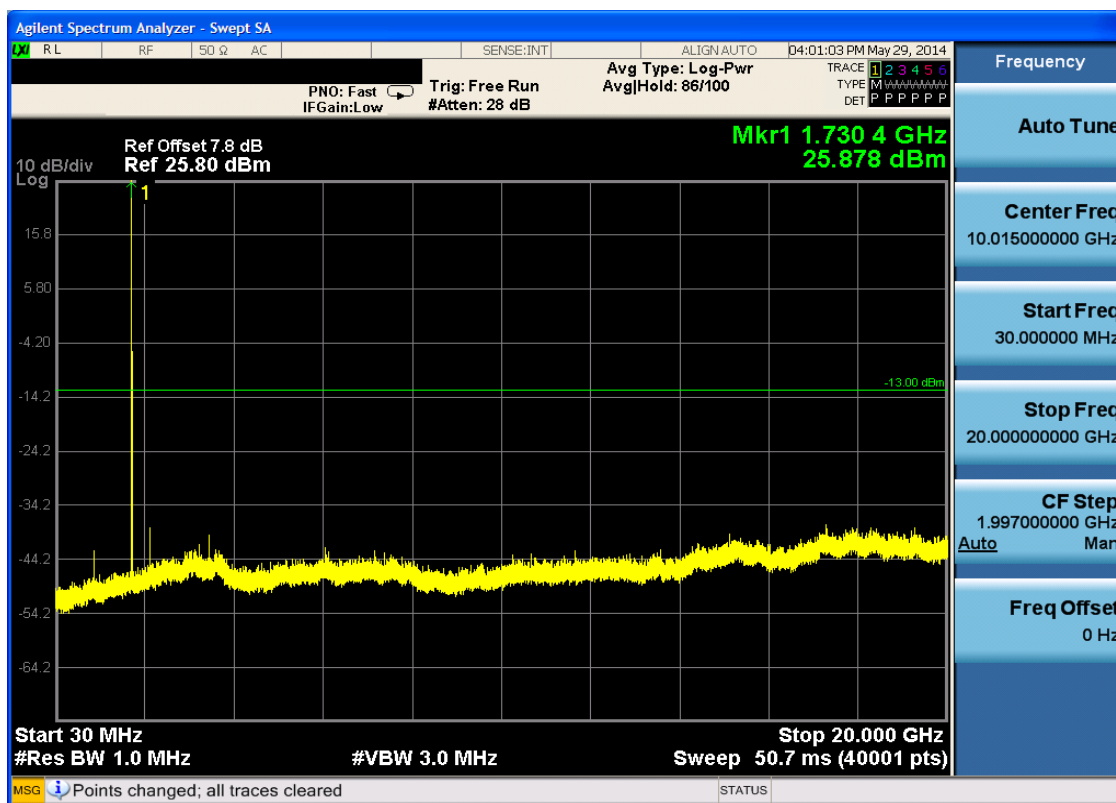


6.3.1.1.3.2 Test Channel = MCH

6.3.1.1.3.2.1 Test RB = RB1#0

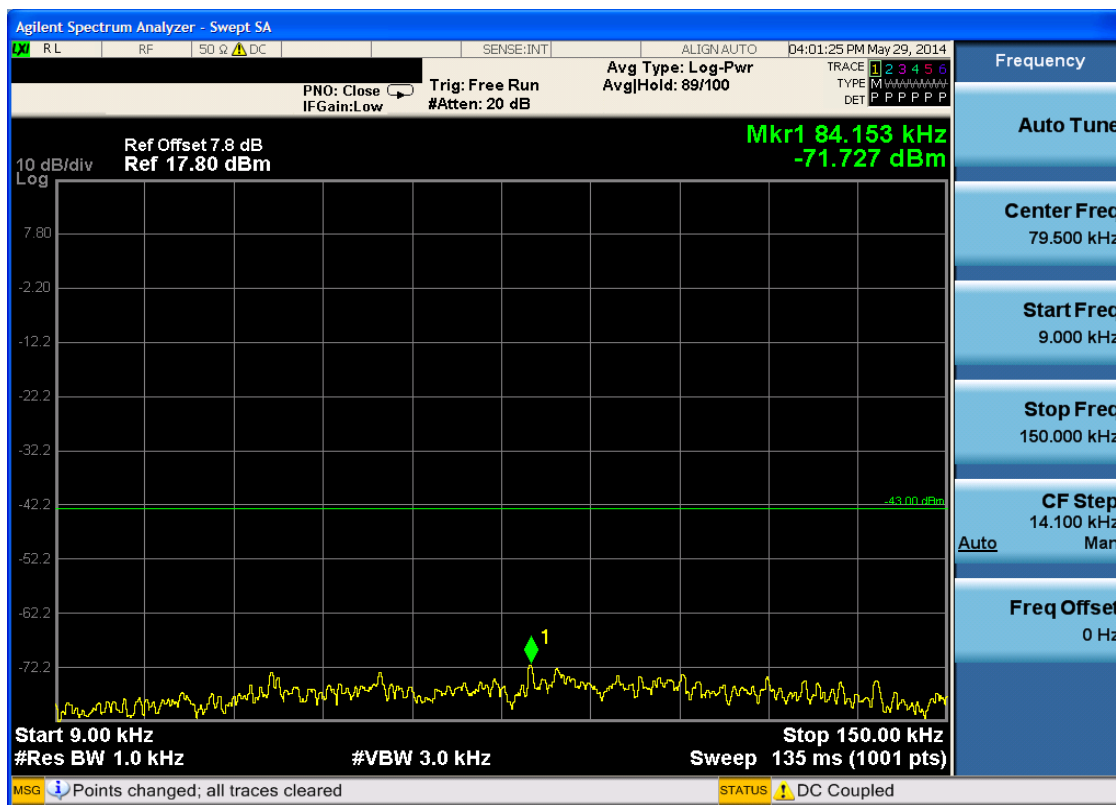


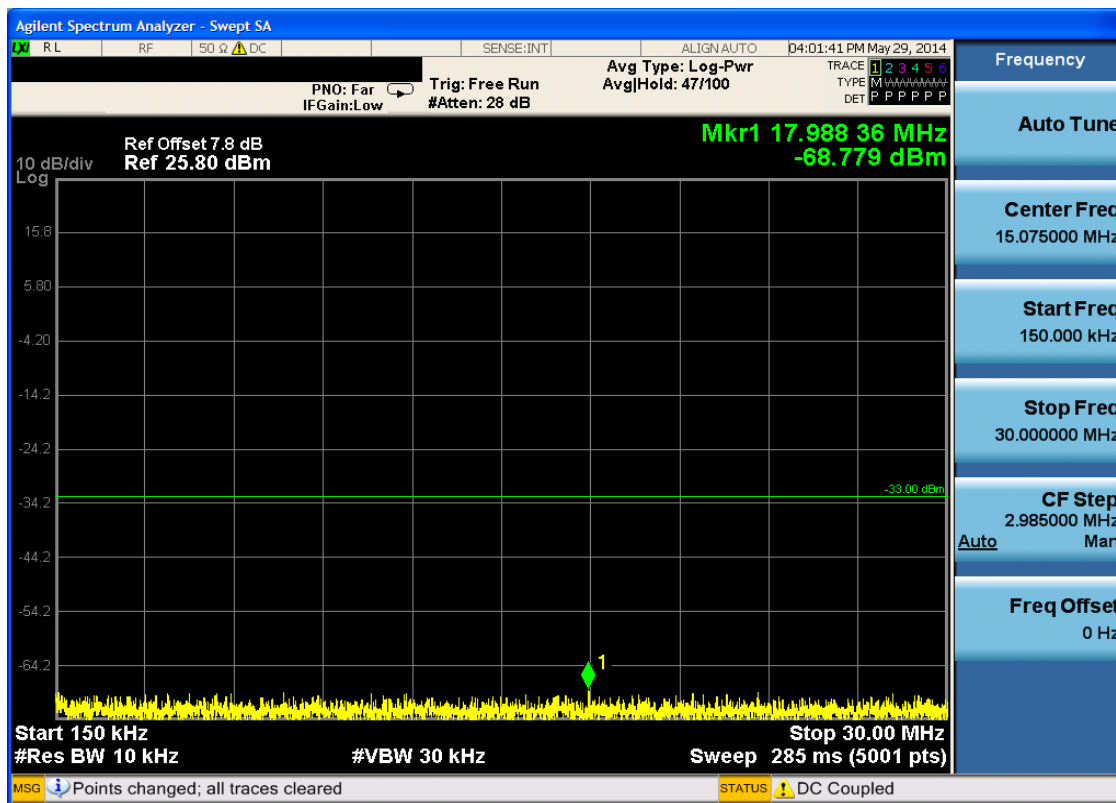


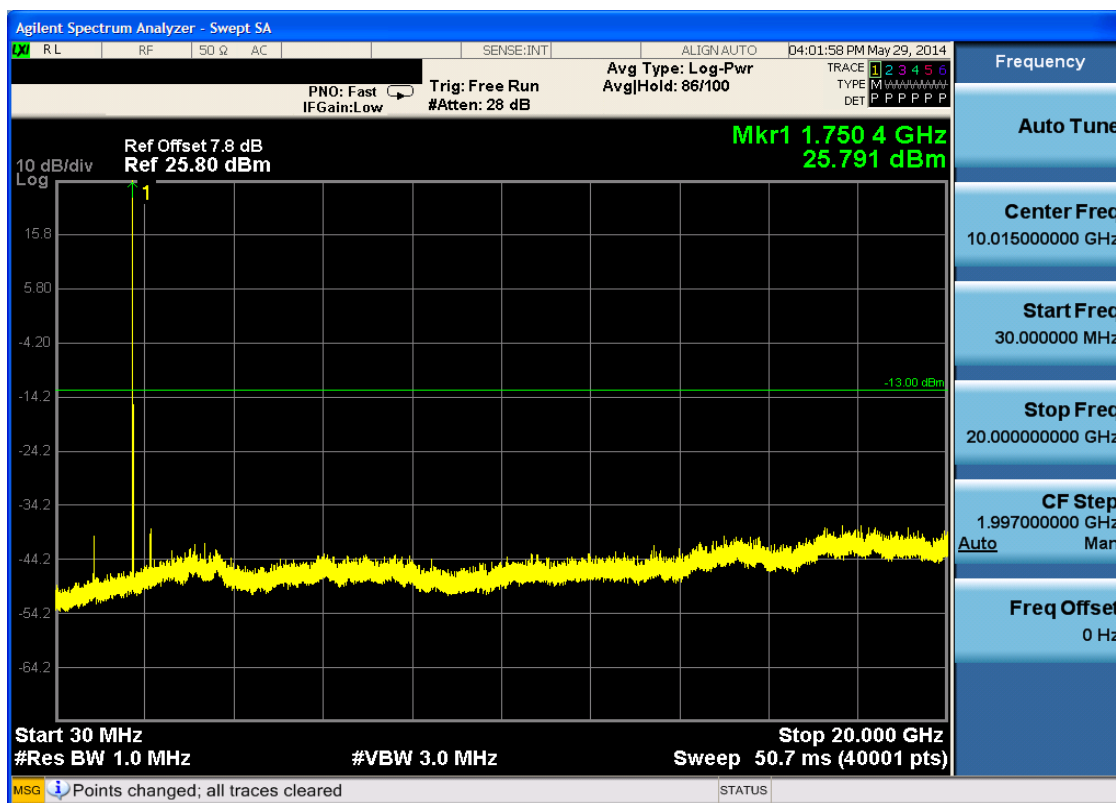


6.3.1.1.3.3 Test Channel = HCH

6.3.1.1.3.3.1 Test RB = RB1#0



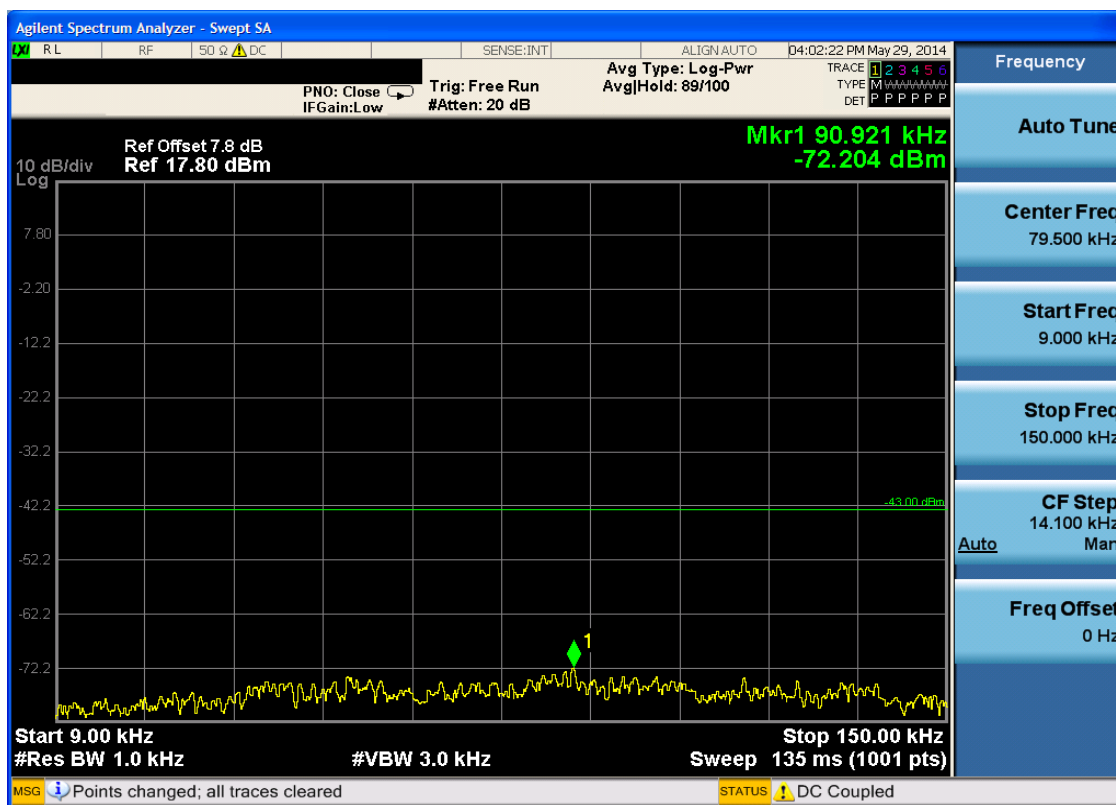


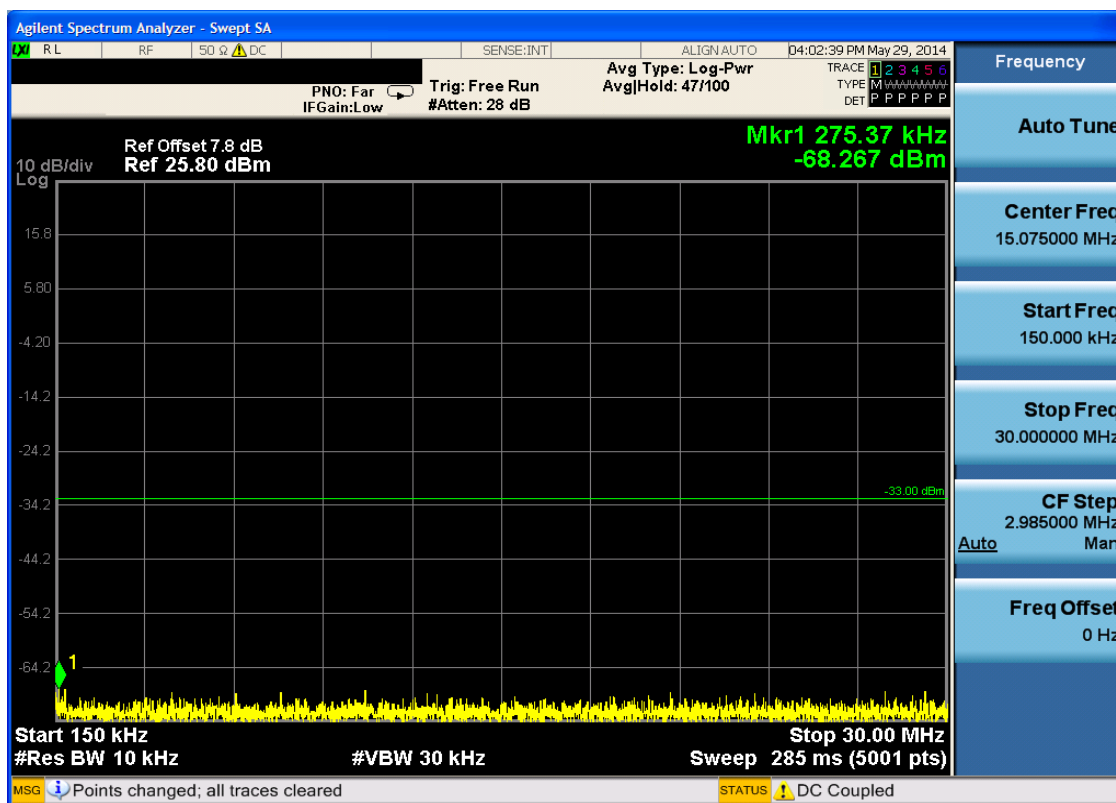


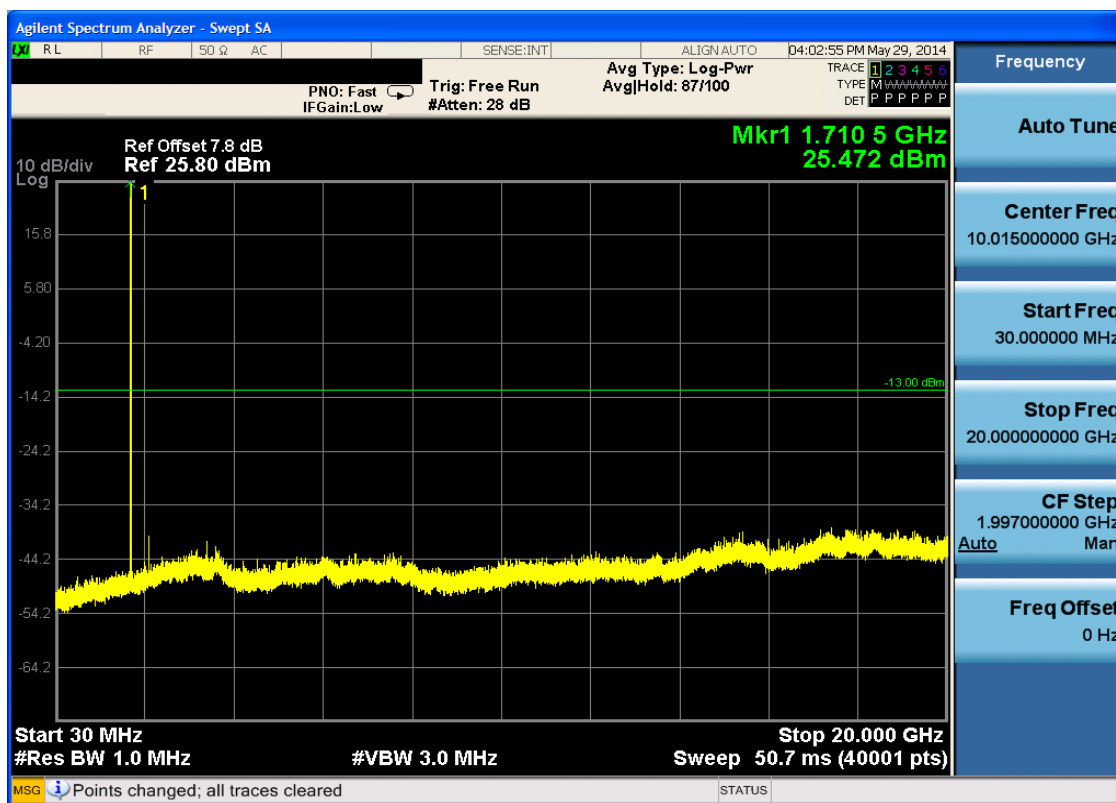
6.3.1.1.4 Test Bandwidth = 10

6.3.1.1.4.1 Test Channel = LCH

6.3.1.1.4.1.1 Test RB = RB1#0

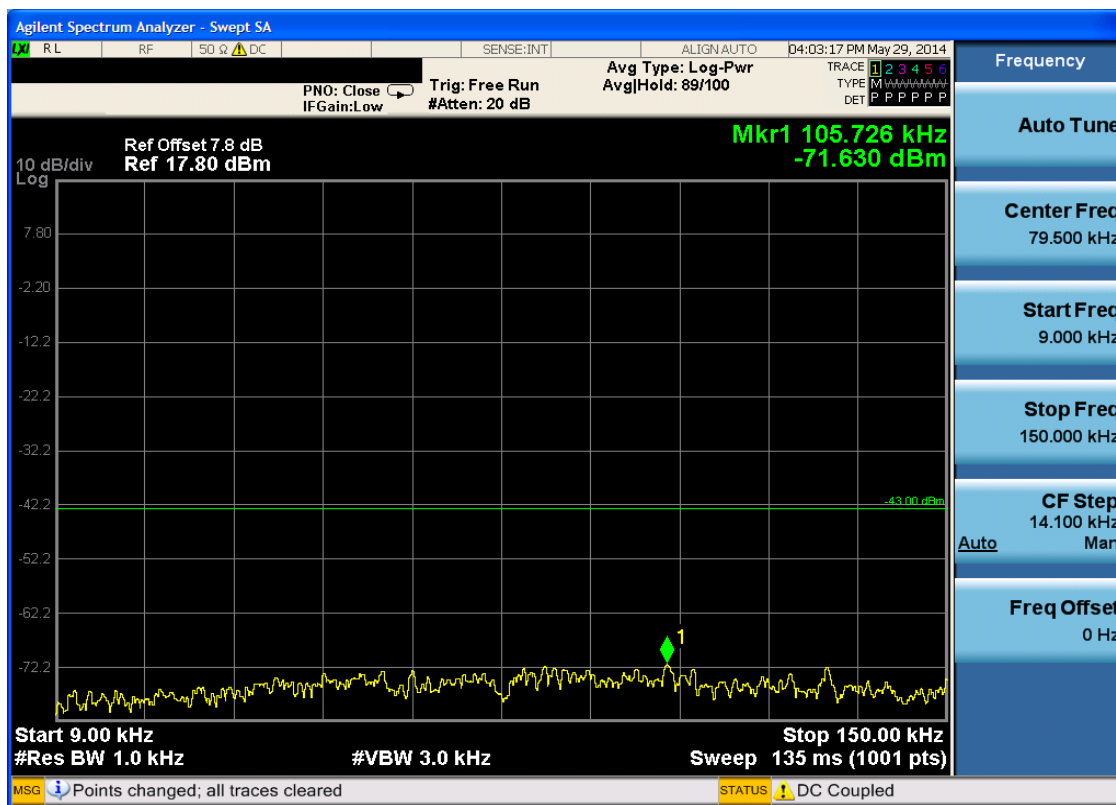


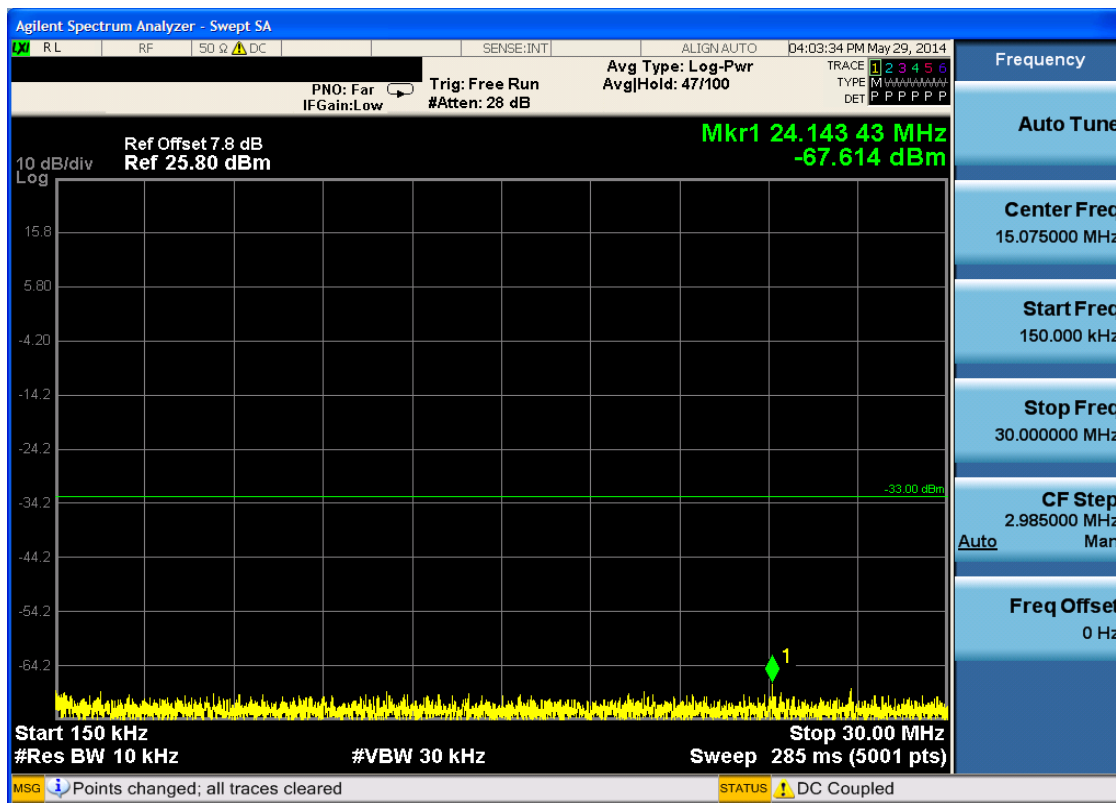


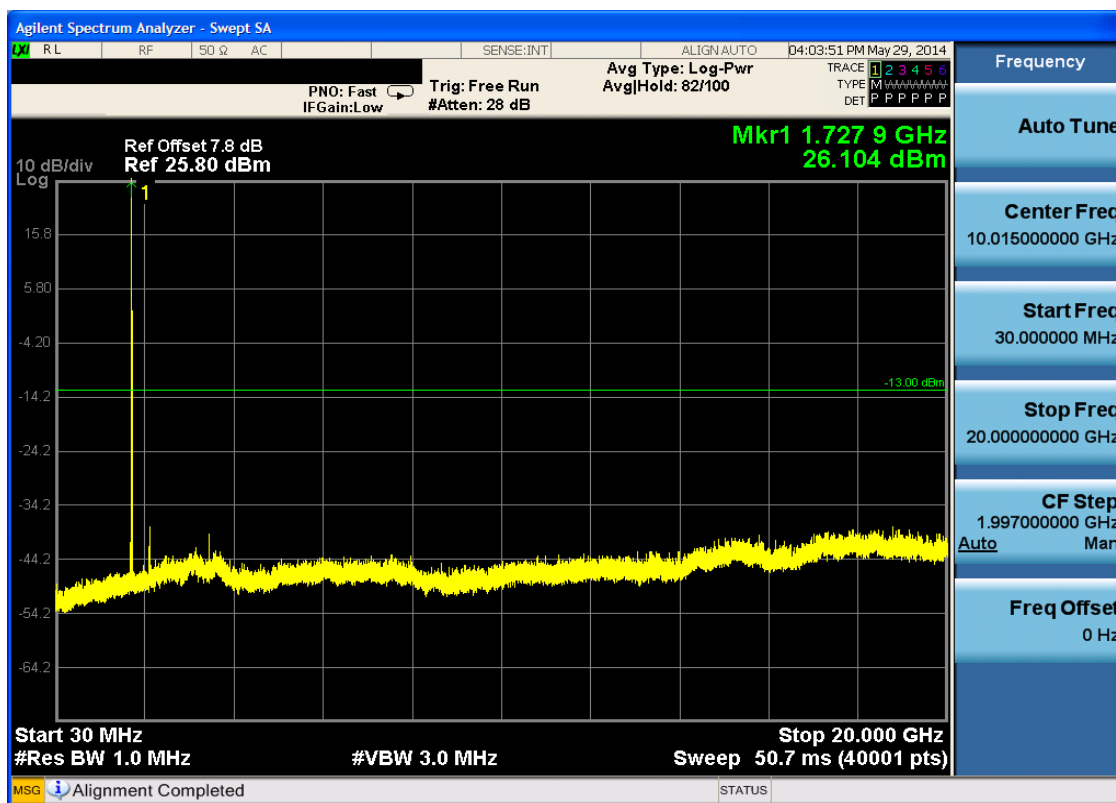


6.3.1.1.4.2 Test Channel = MCH

6.3.1.1.4.2.1 Test RB = RB1#0

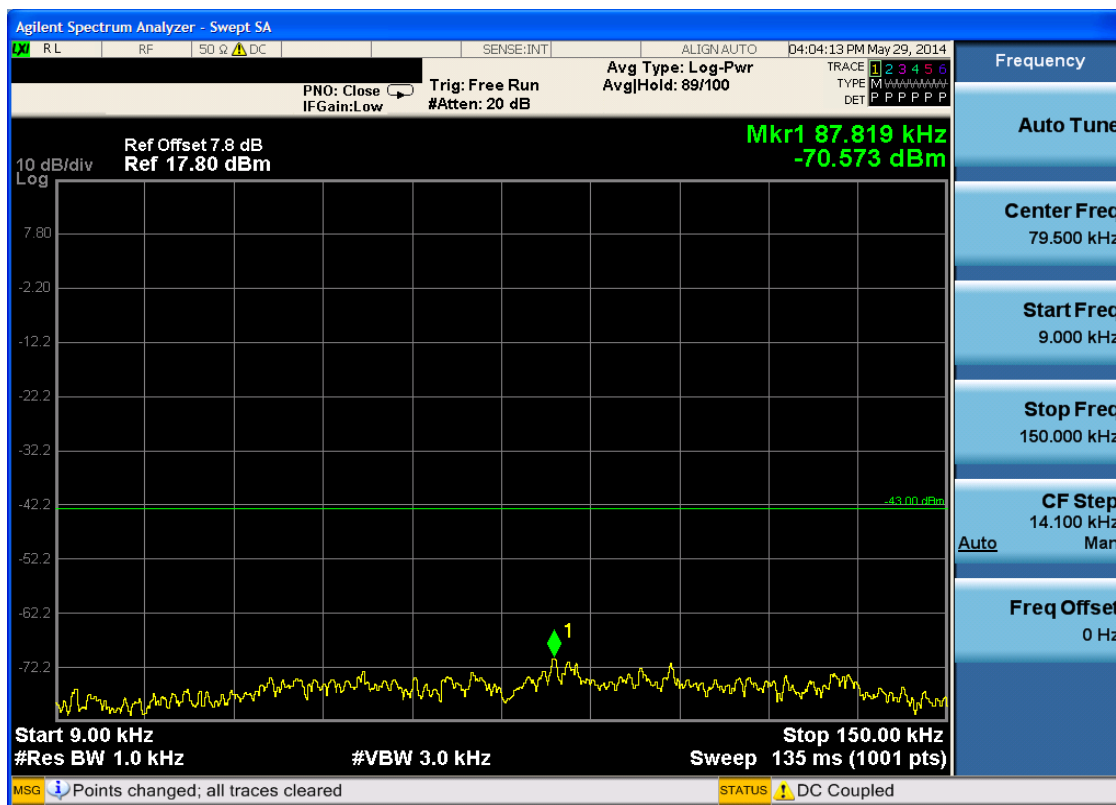


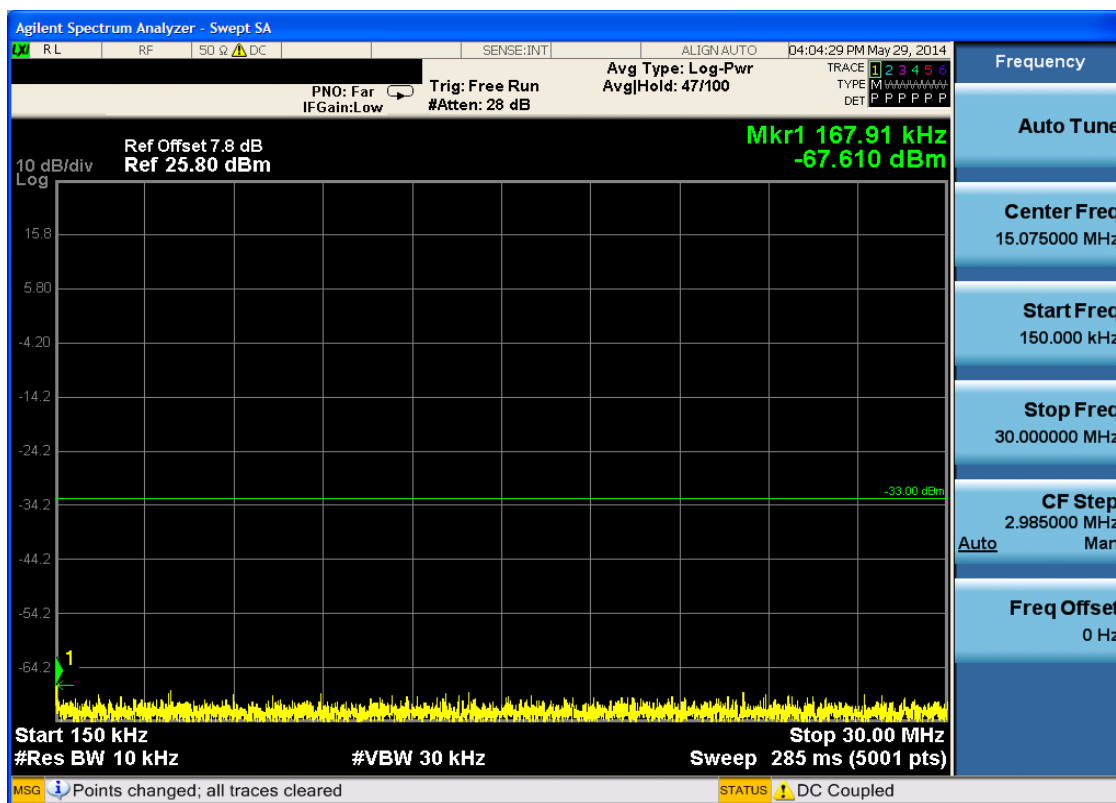


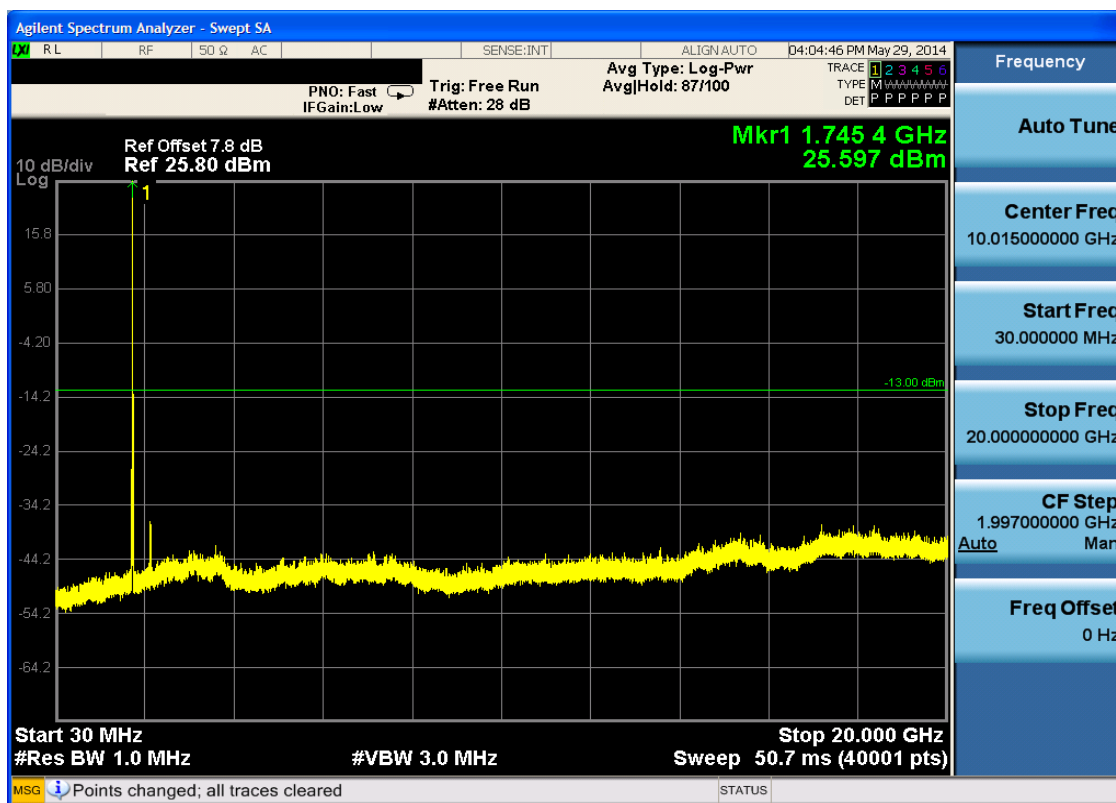


6.3.1.1.4.3 Test Channel = HCH

6.3.1.1.4.3.1 Test RB = RB1#0



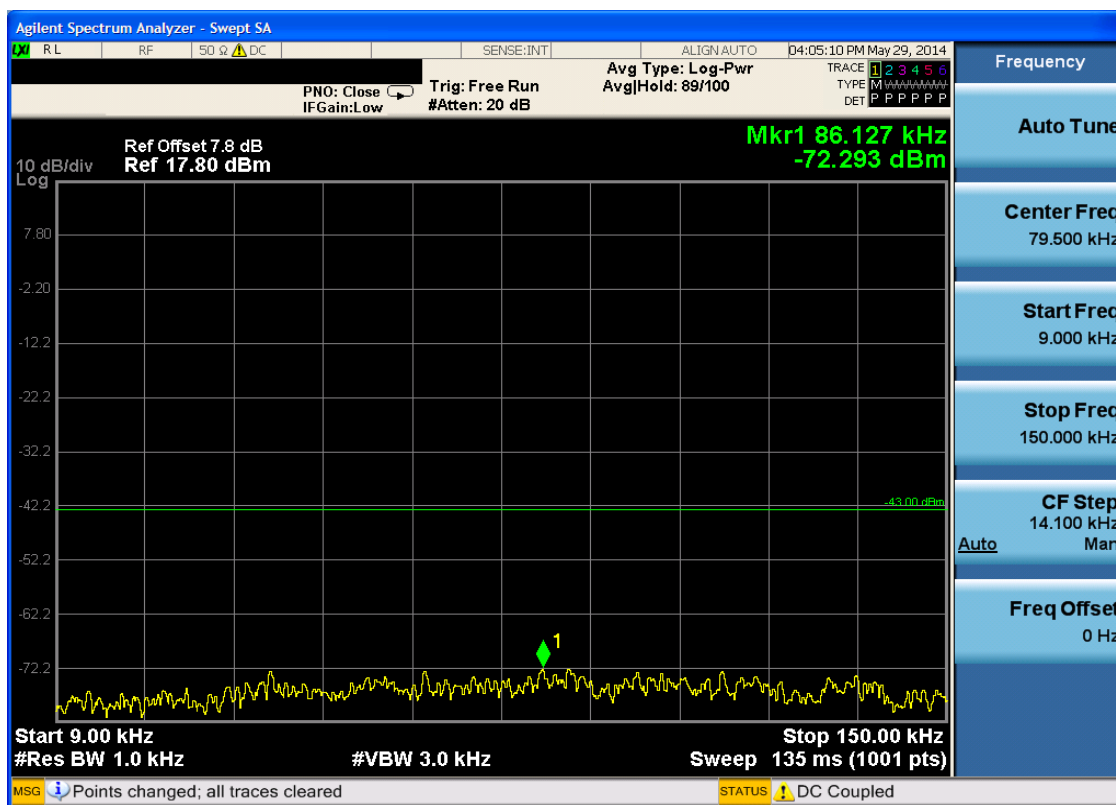


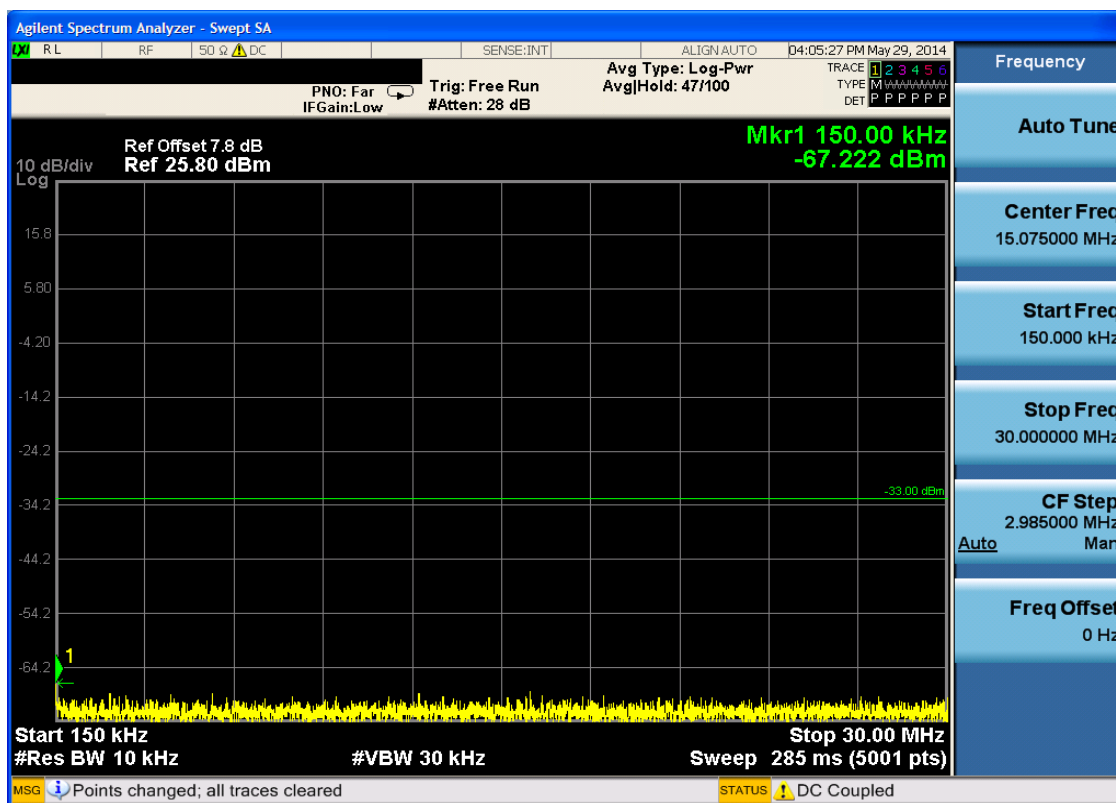


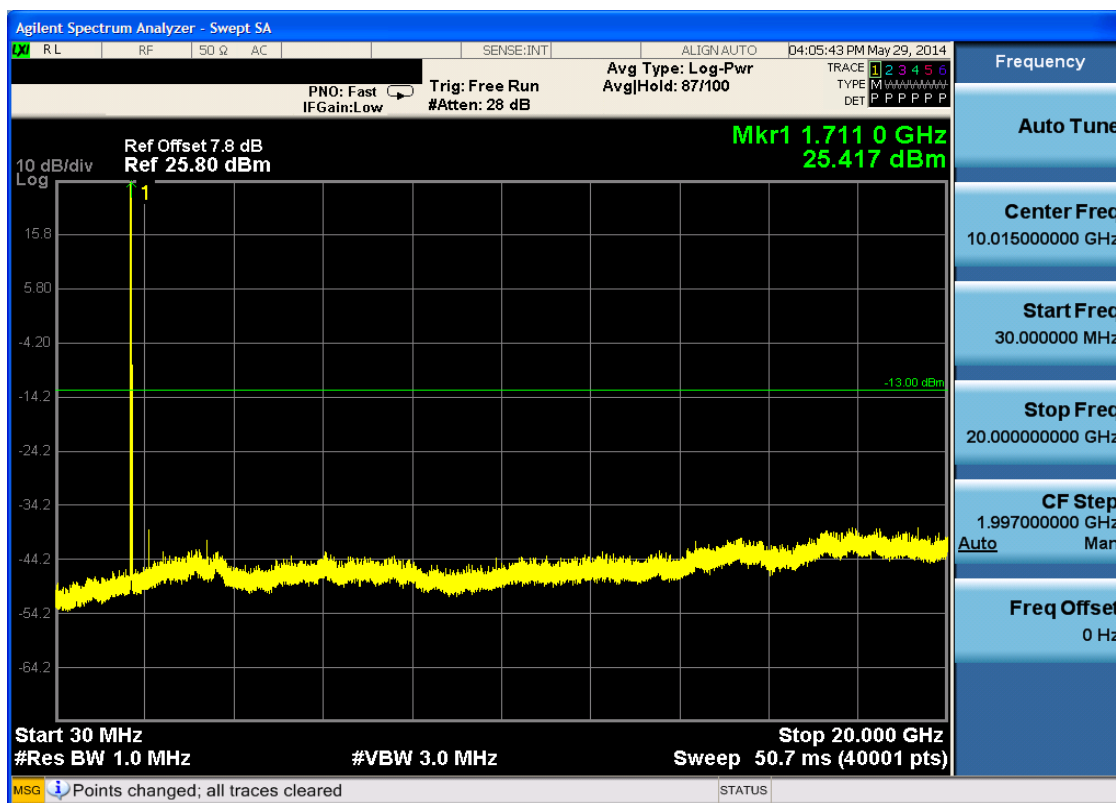
6.3.1.1.5 Test Bandwidth = 15

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

