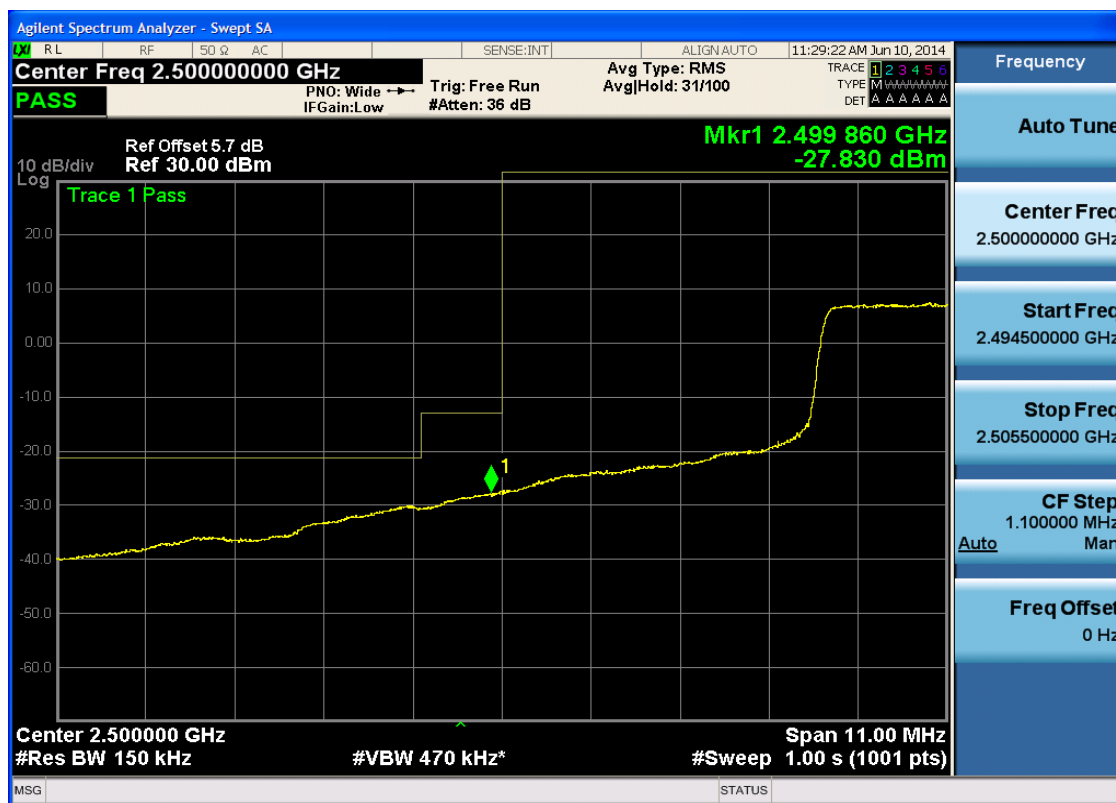


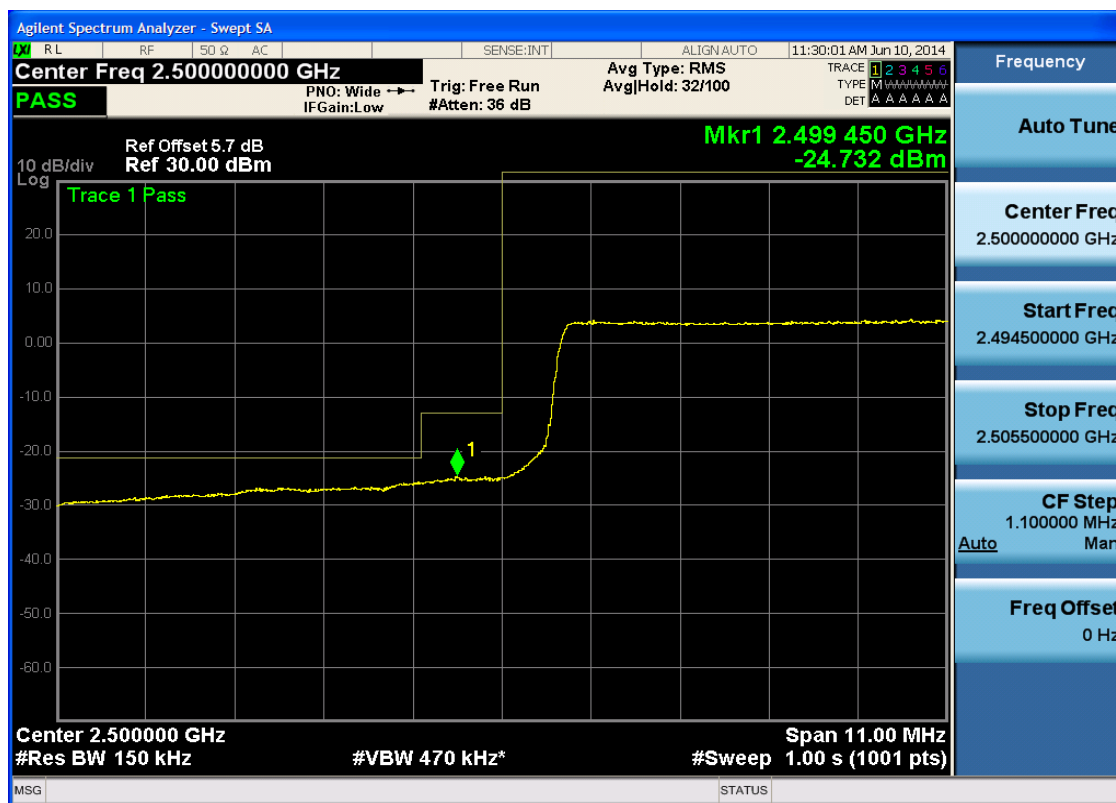


5.3.2.2.3.1.3 Test RB = RB36#18





5.3.2.2.3.1.4 Test RB = RB75#0





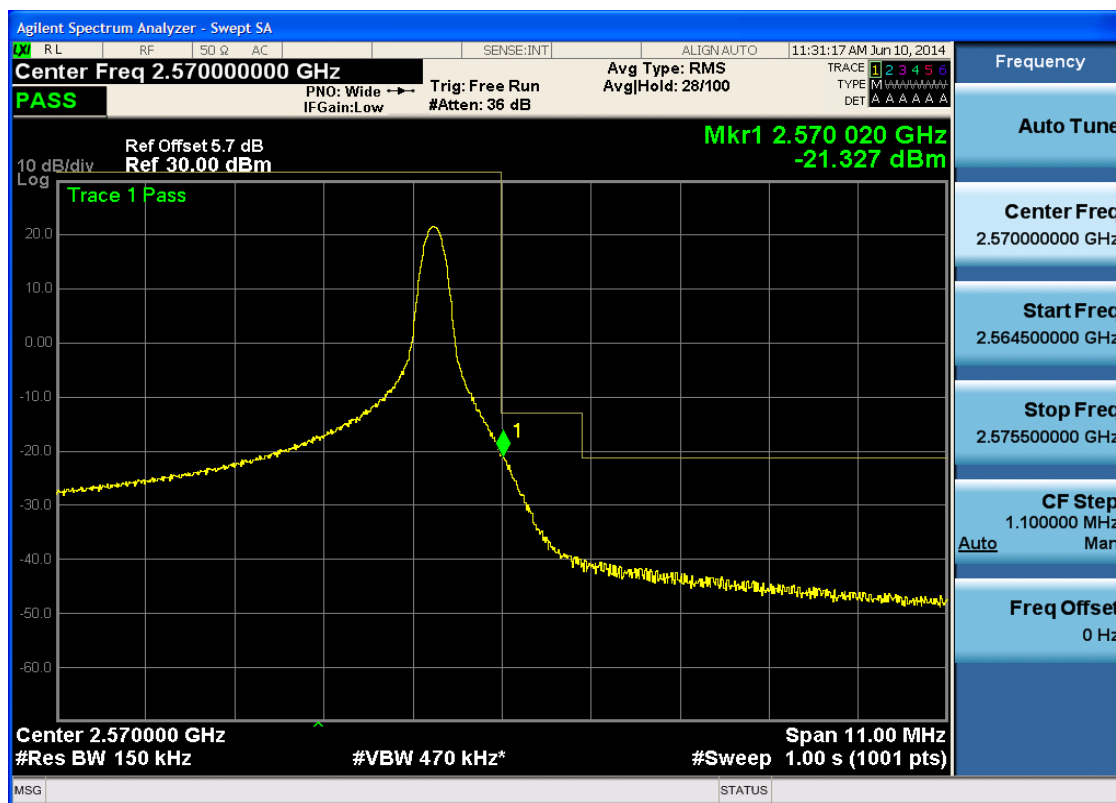
5.3.2.2.3.2 Test Channel = HCH

5.3.2.2.3.2.1 Test RB = RB1#0





5.3.2.2.3.2.2 Test RB = RB1#74



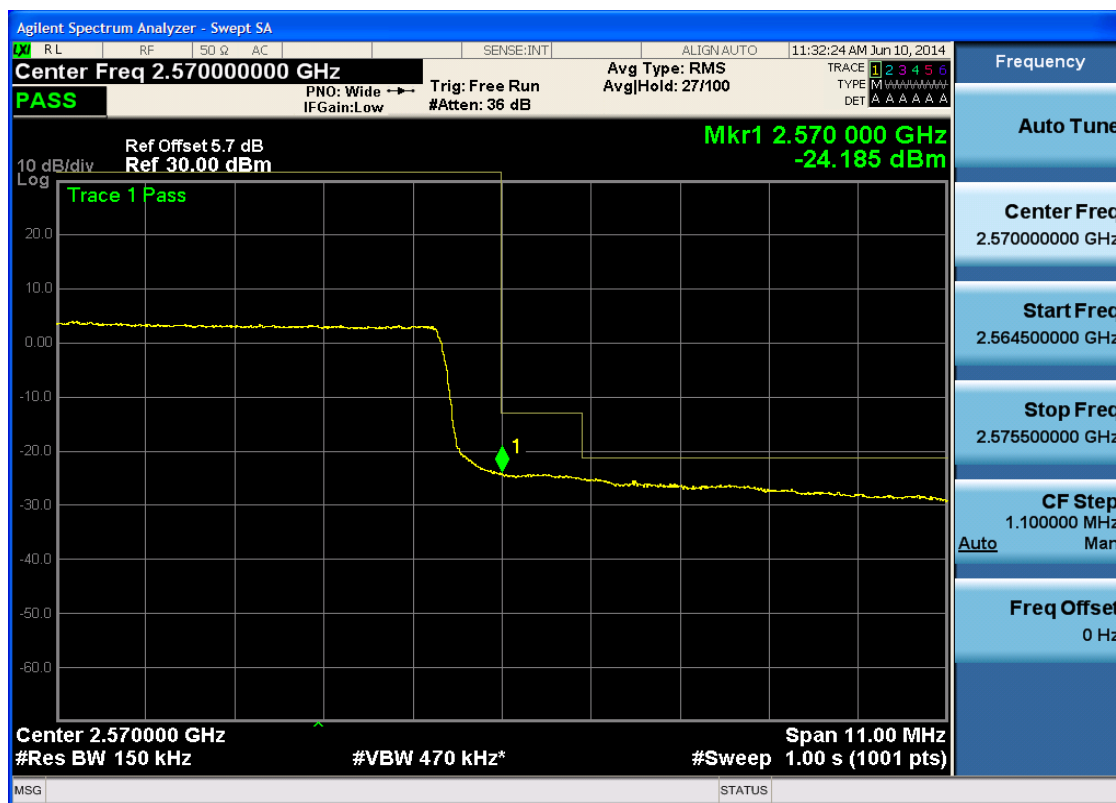


5.3.2.2.3.2.3 Test RB = RB36#18





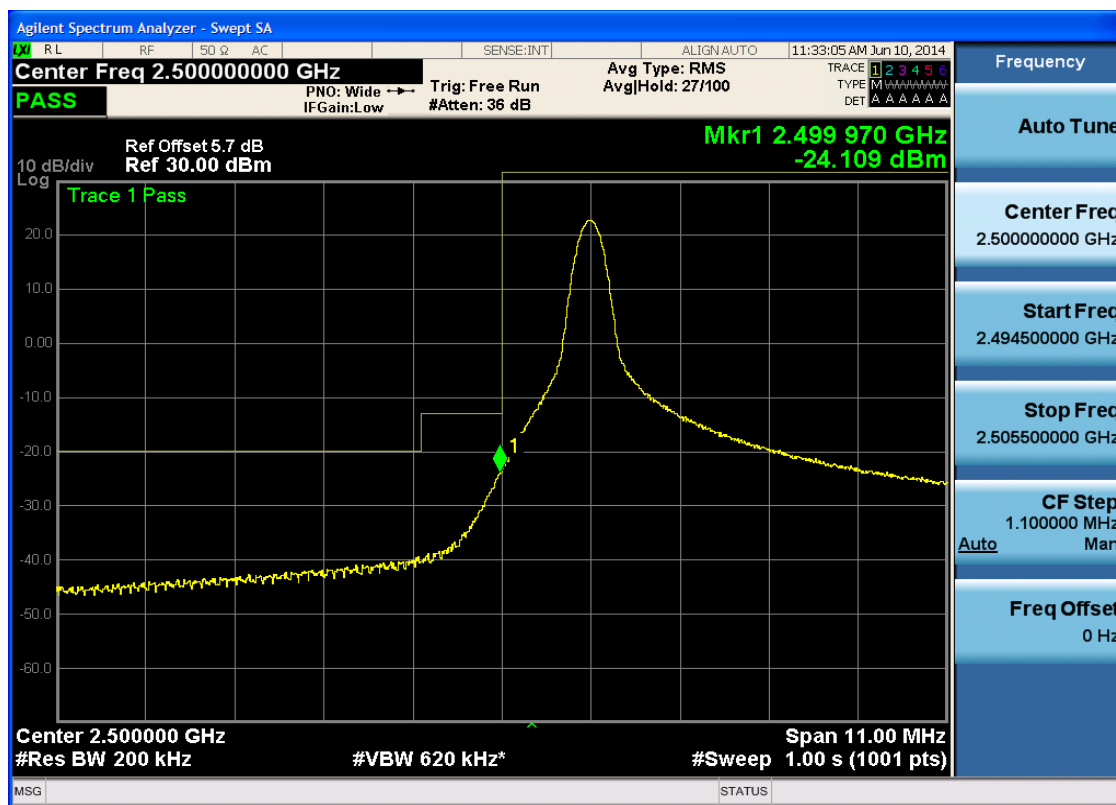
5.3.2.2.3.2.4 Test RB = RB75#0



5.3.2.2.4 Test Bandwidth = 20

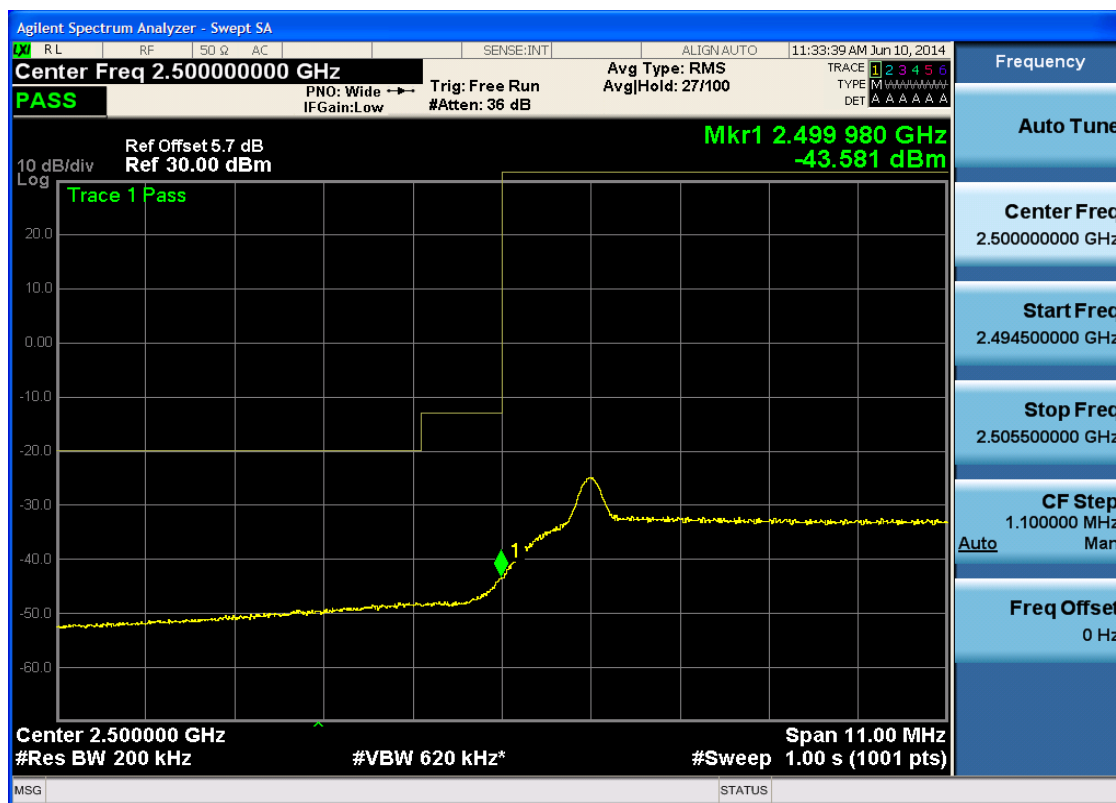
5.3.2.2.4.1 Test Channel = LCH

5.3.2.2.4.1.1 Test RB = RB1#0



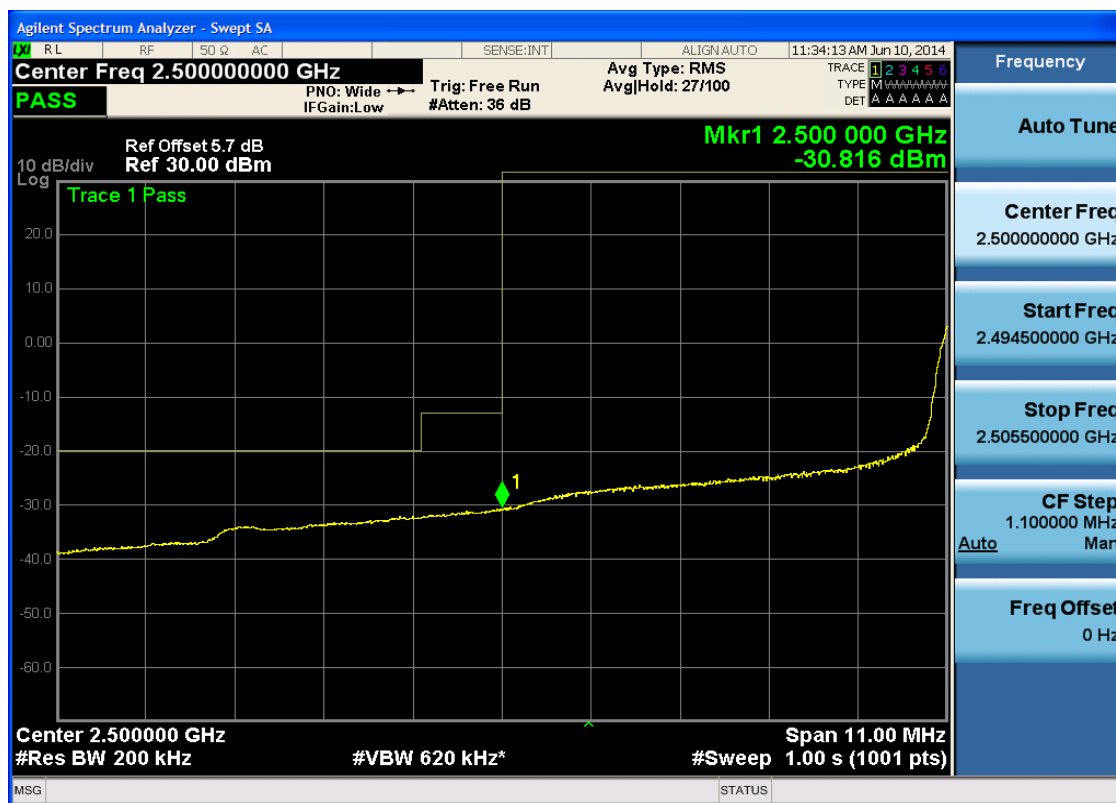


5.3.2.2.4.1.2 Test RB = RB1#99



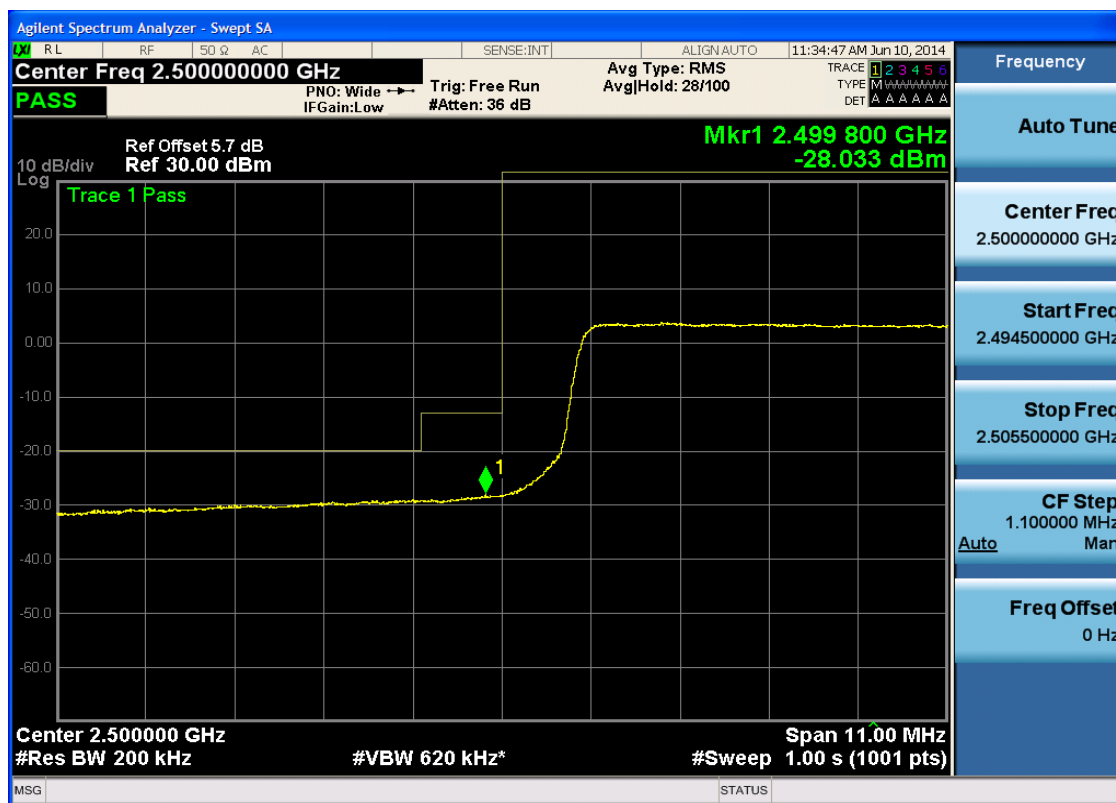


5.3.2.2.4.1.3 Test RB = RB50#25





5.3.2.2.4.1.4 Test RB = RB100#0



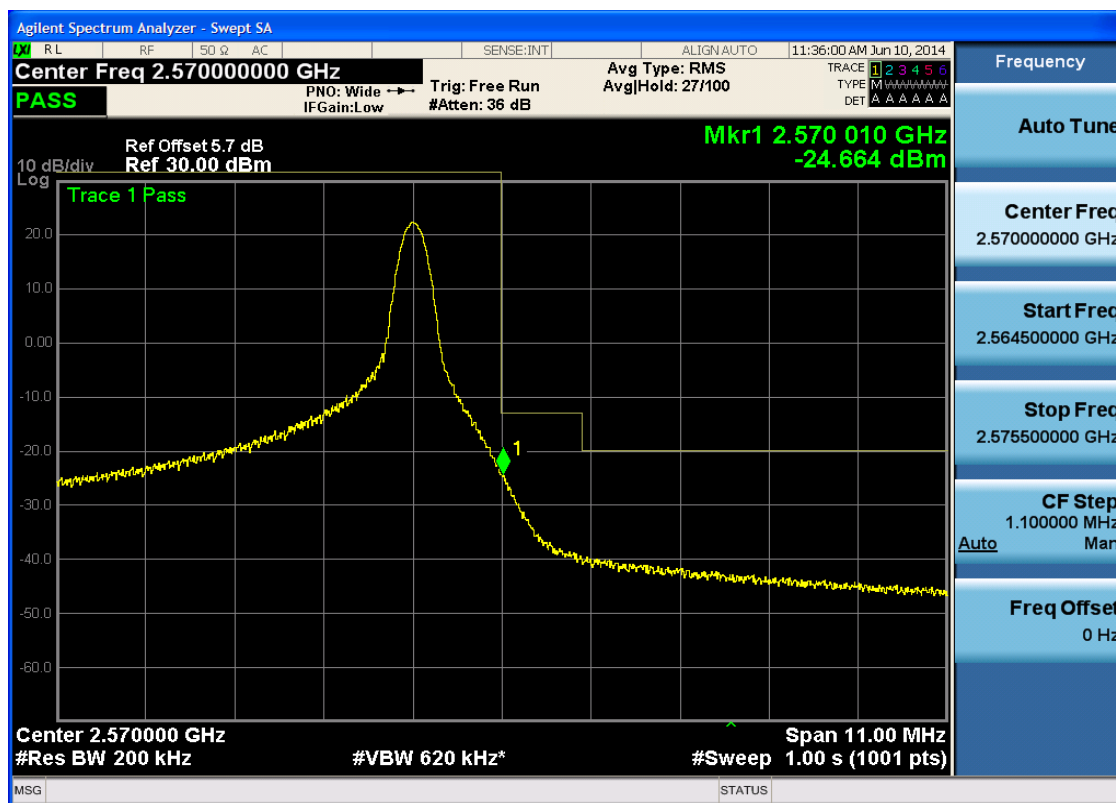
5.3.2.2.4.2 Test Channel = HCH

5.3.2.2.4.2.1 Test RB = RB1#0





5.3.2.2.4.2.2 Test RB = RB1#99





5.3.2.2.4.2.3 Test RB = RB50#25



5.3.2.2.4.2.4 Test RB = RB100#0



6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

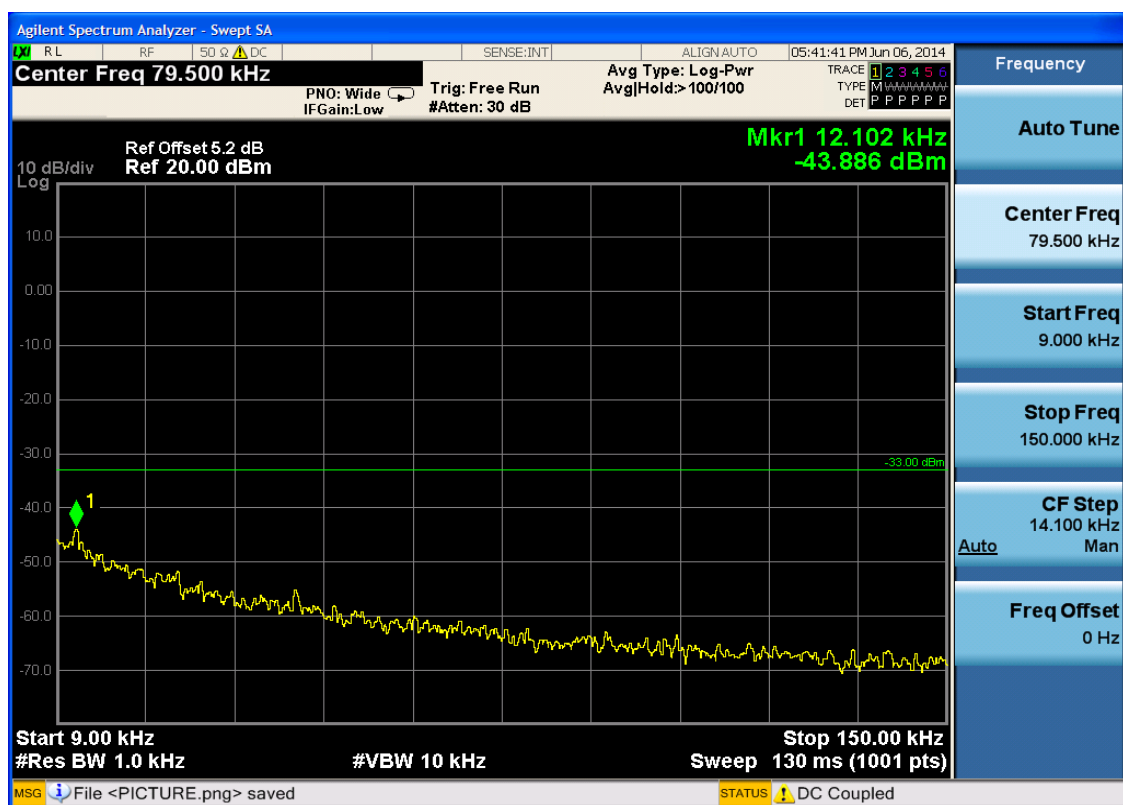
Part I - Test Plots

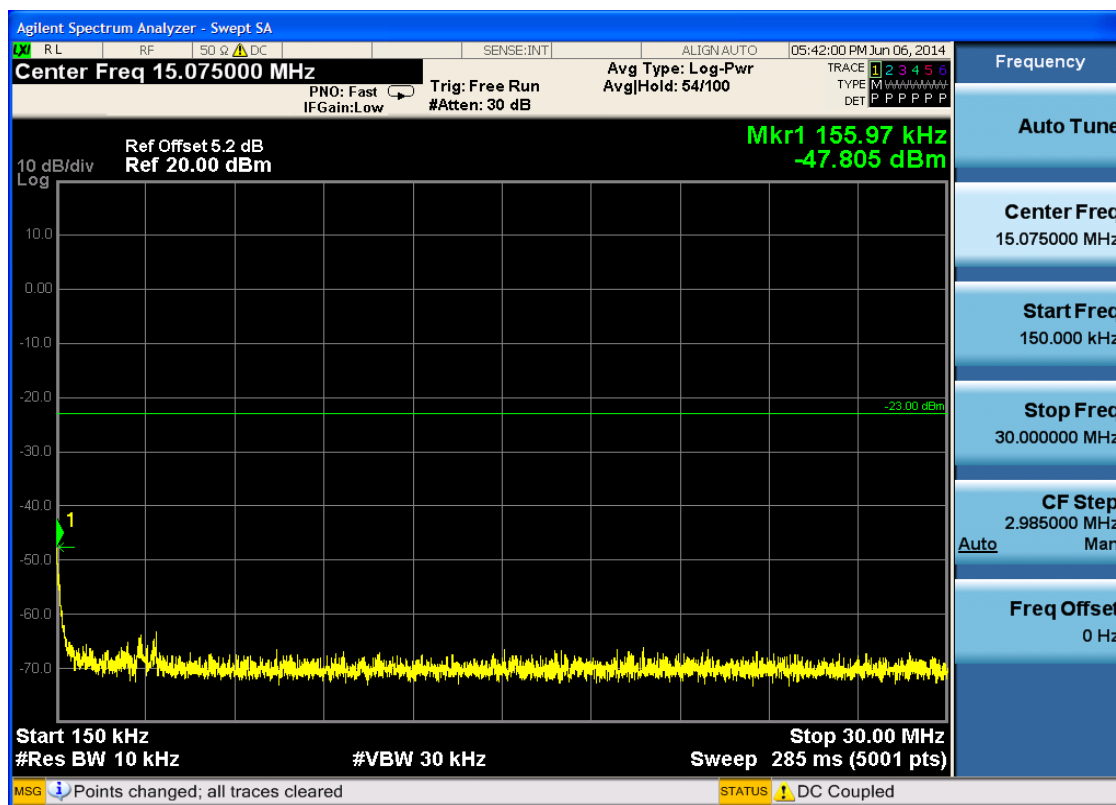
6.1 For GSM

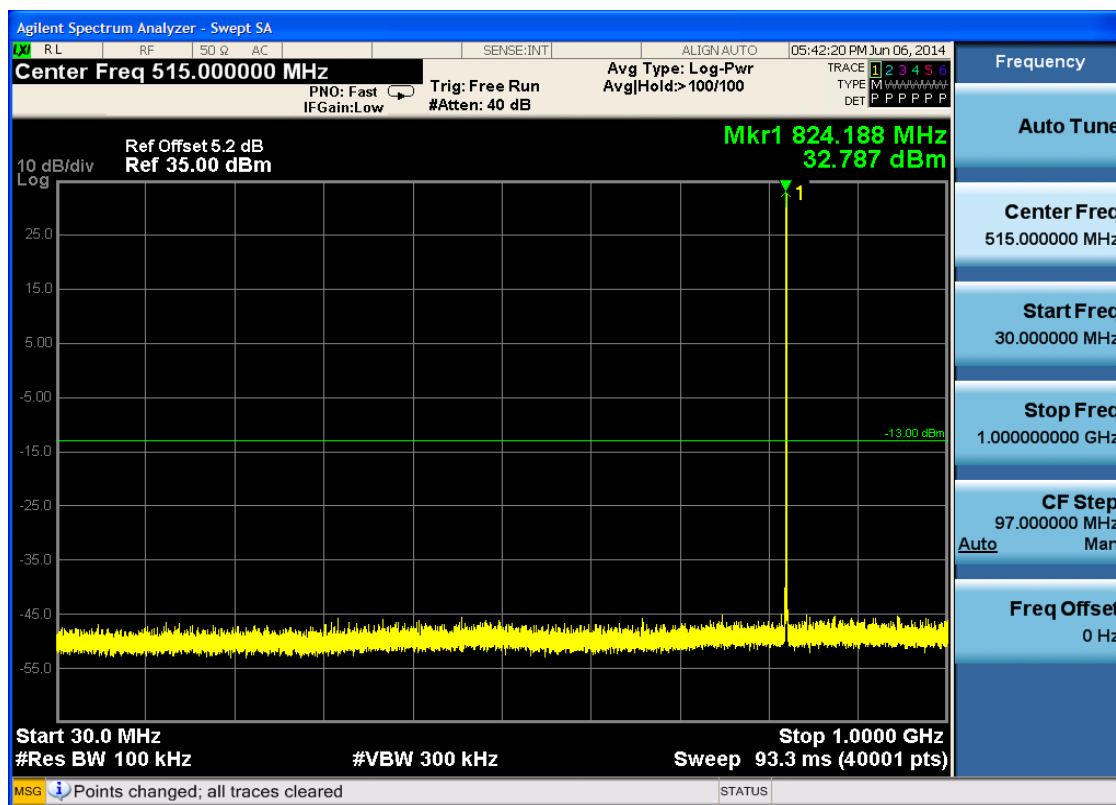
6.1.1 Test Band = GSM850

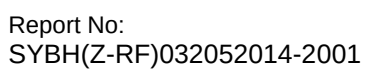
6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



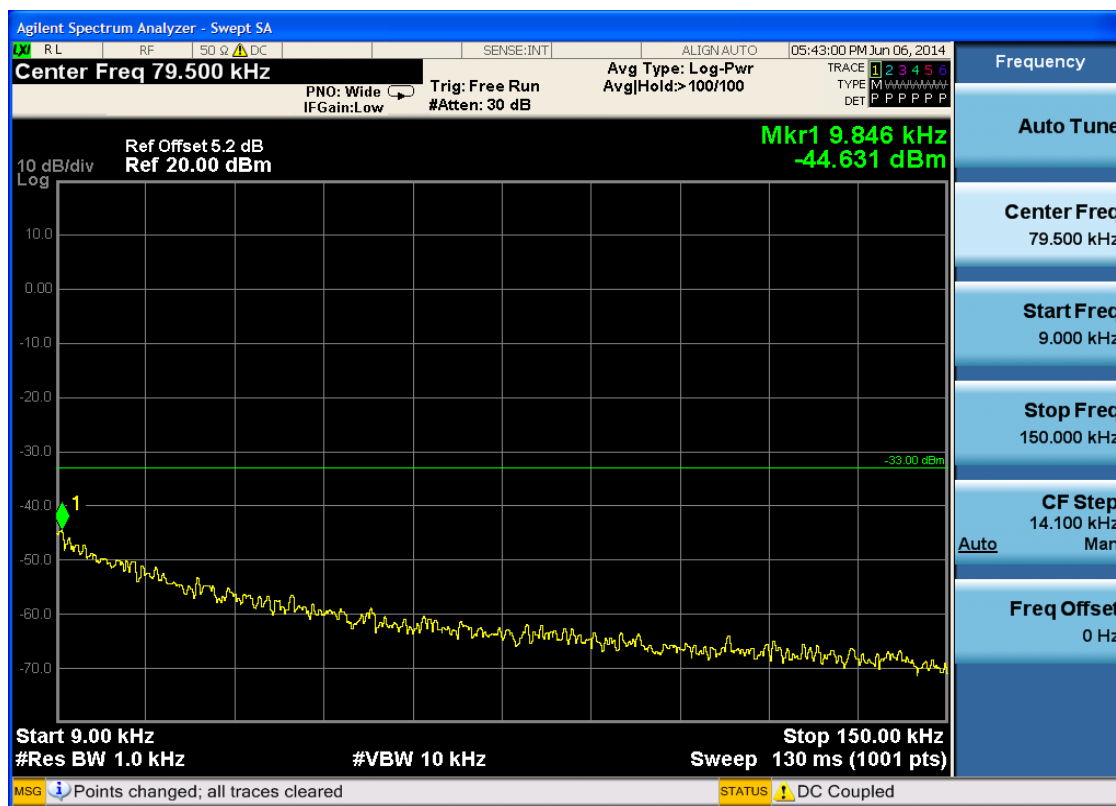


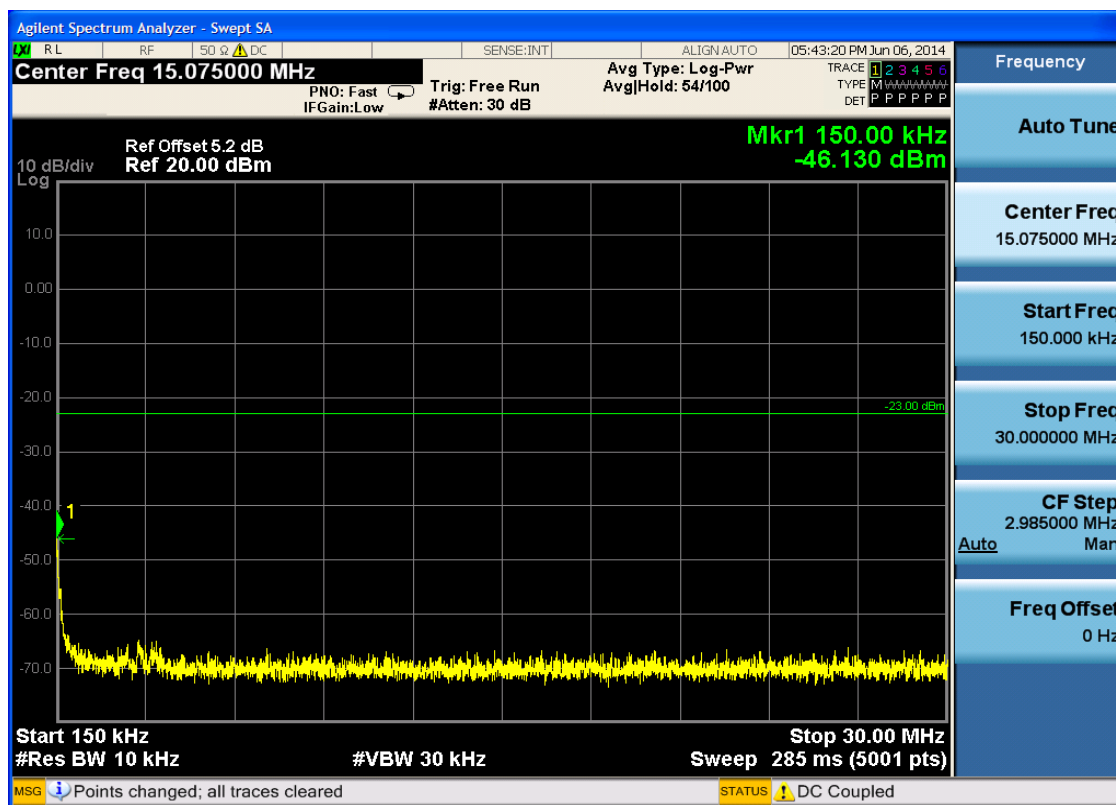


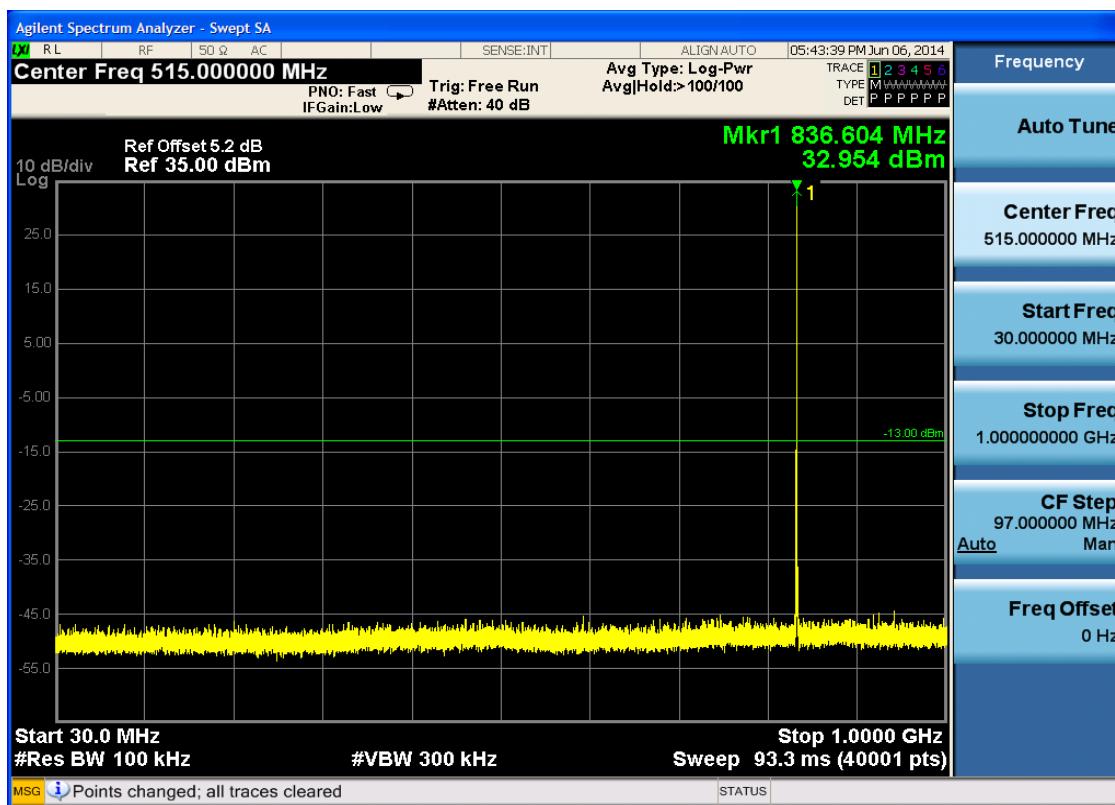


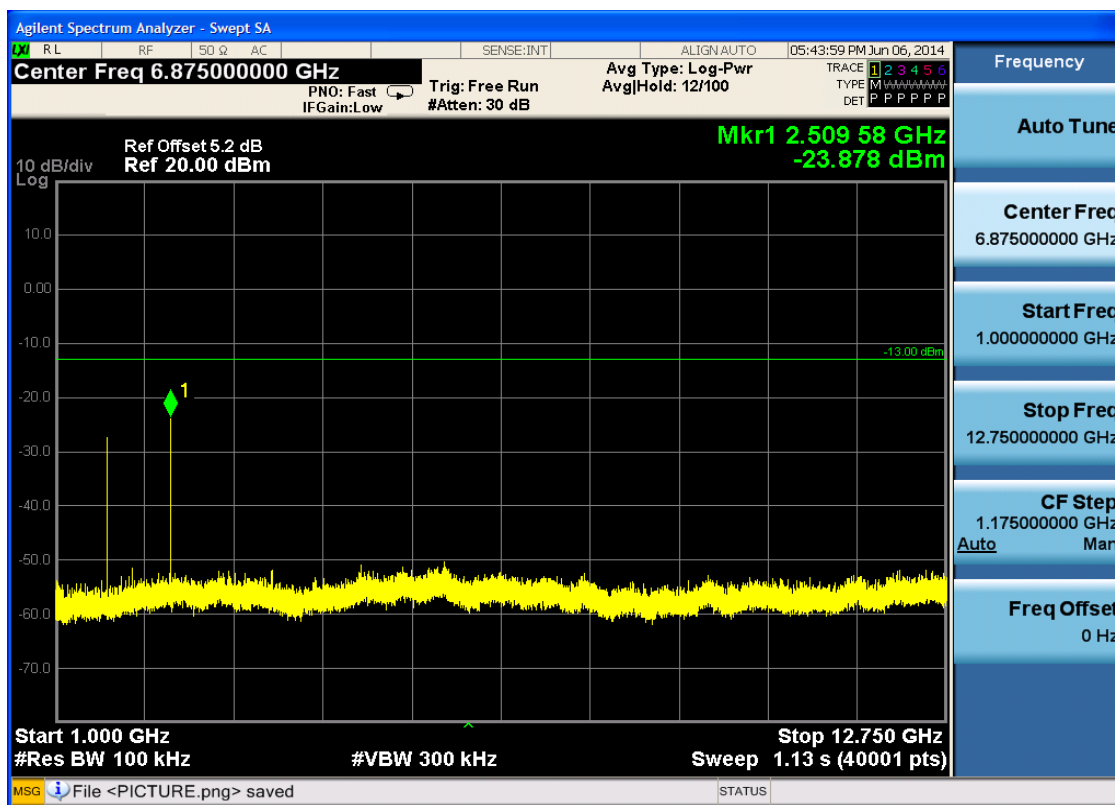


6.1.1.1.2 Test Channel = MCH

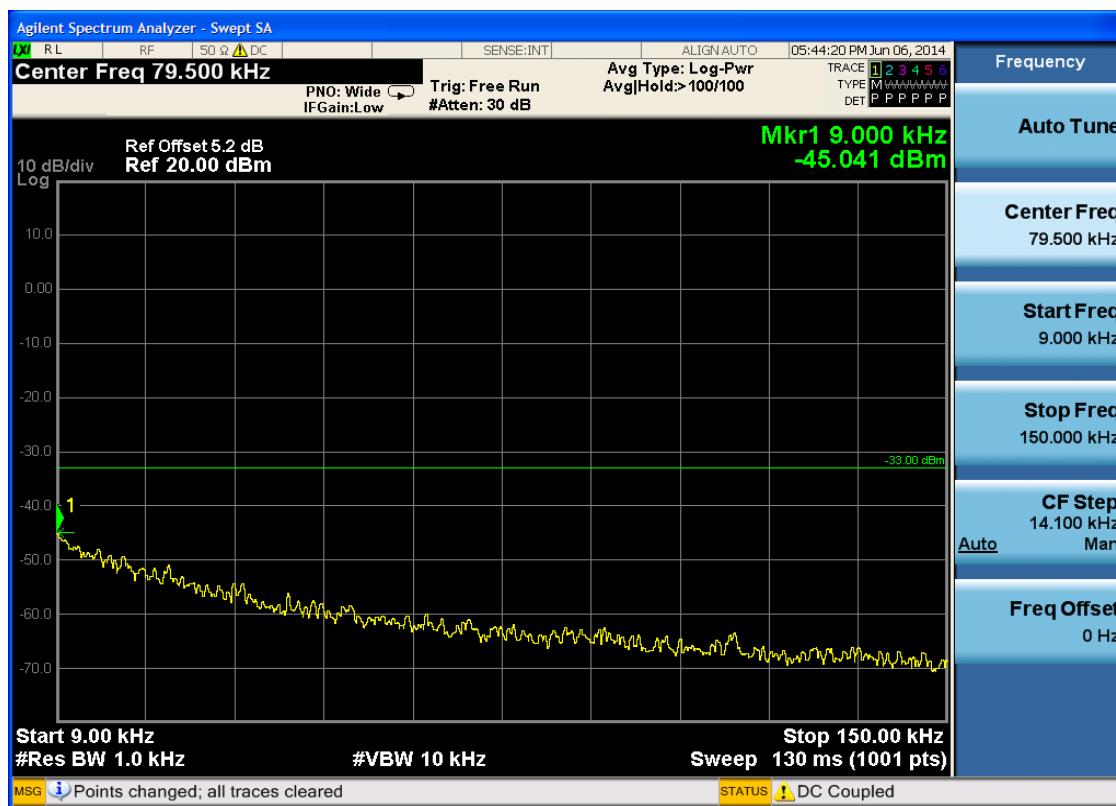


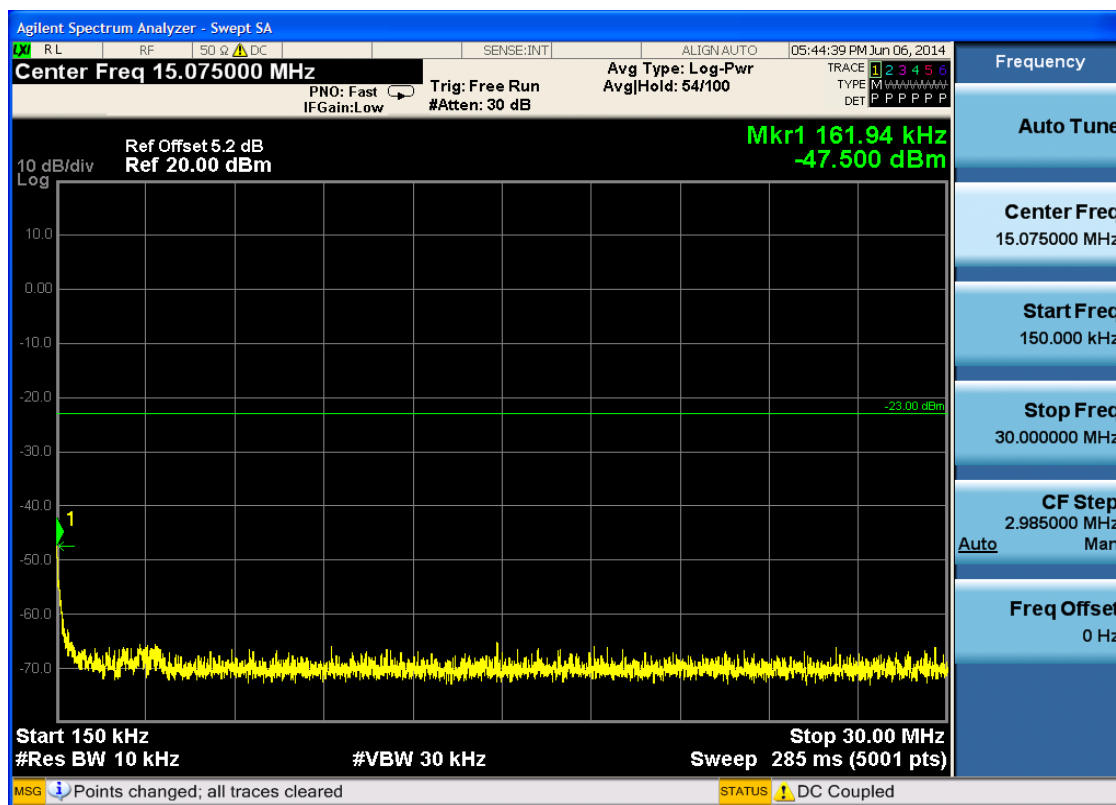


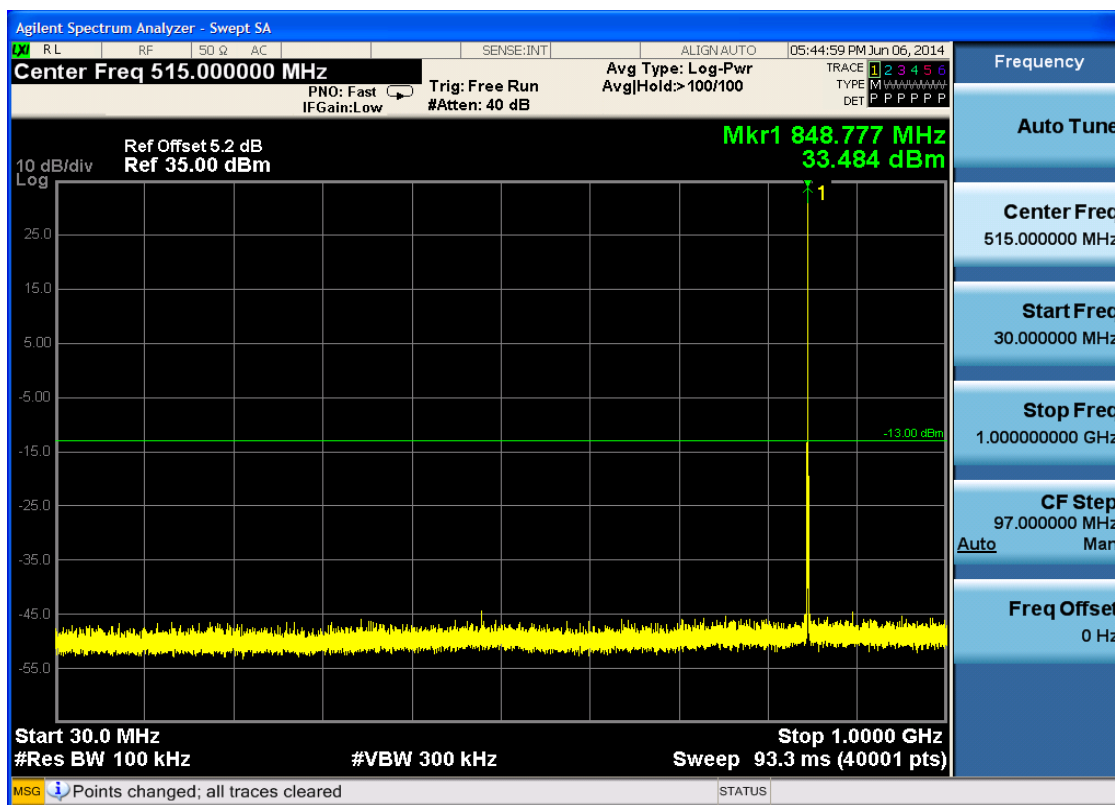


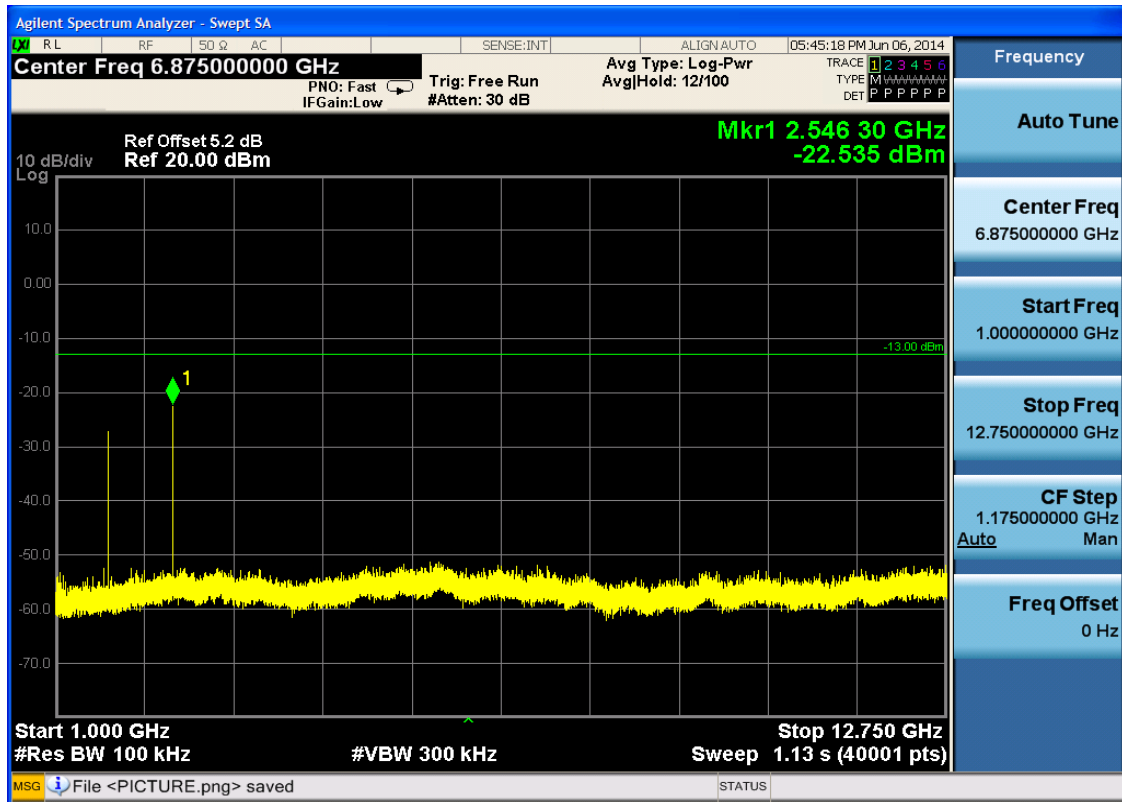


6.1.1.1.3 Test Channel = HCH



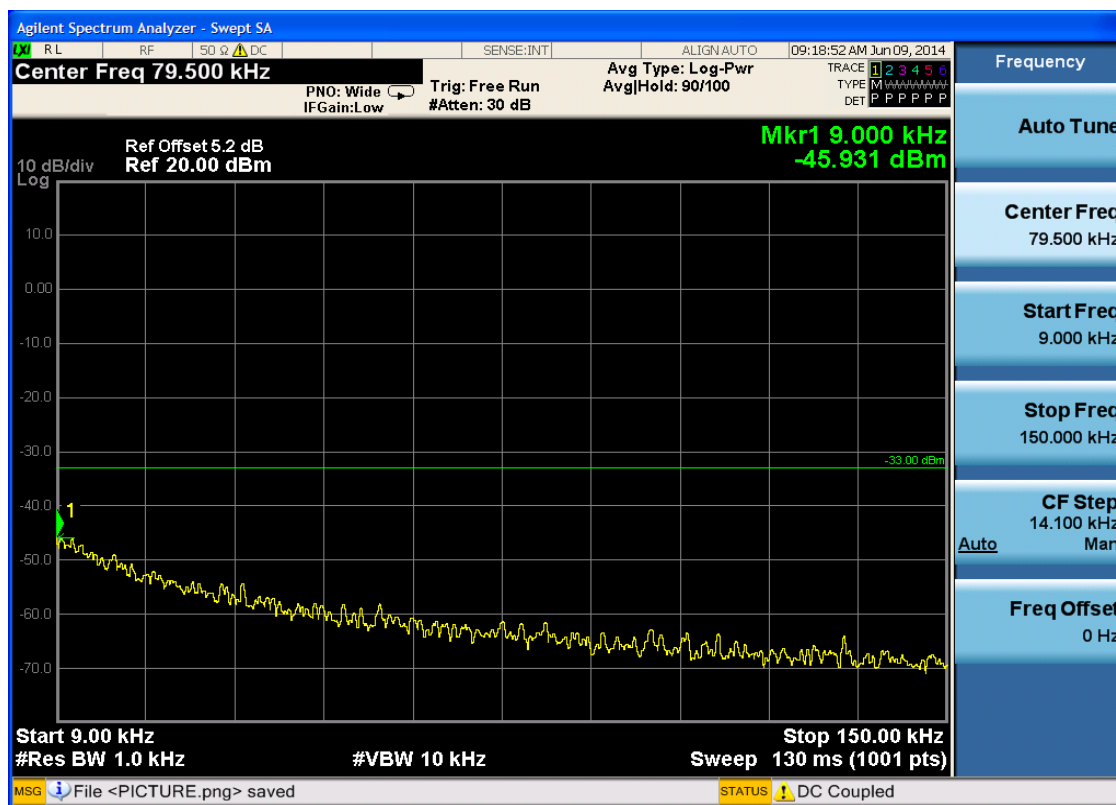


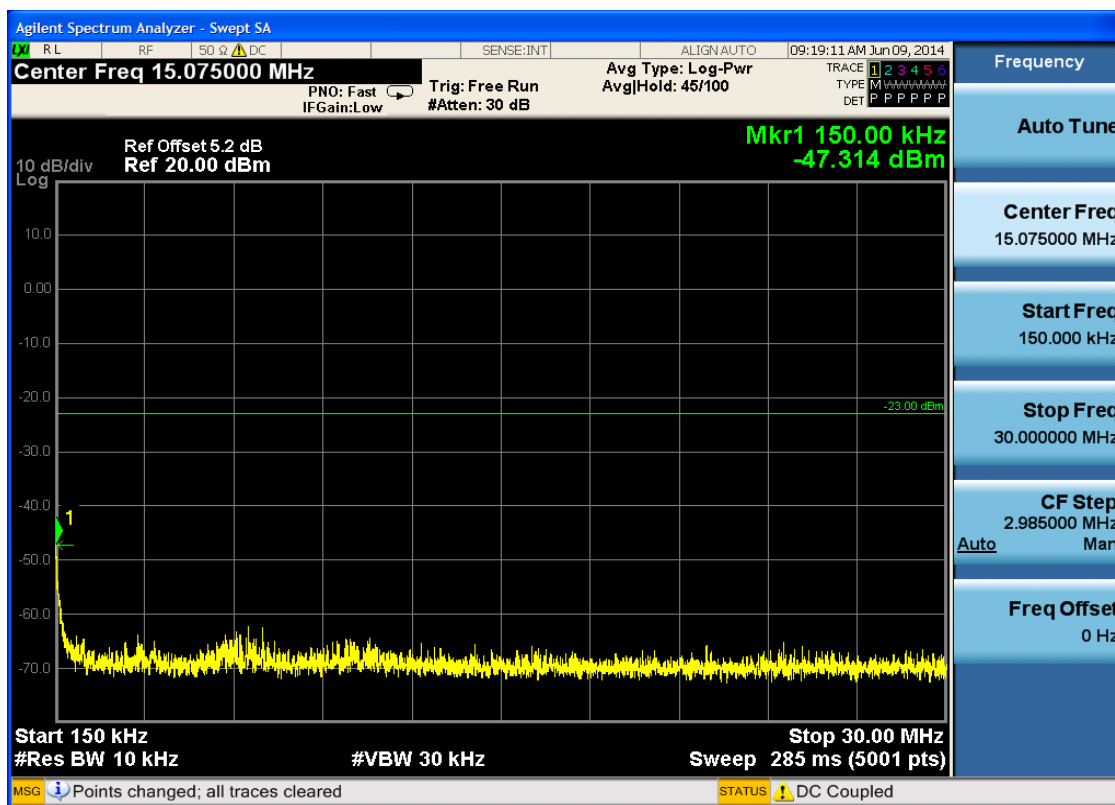


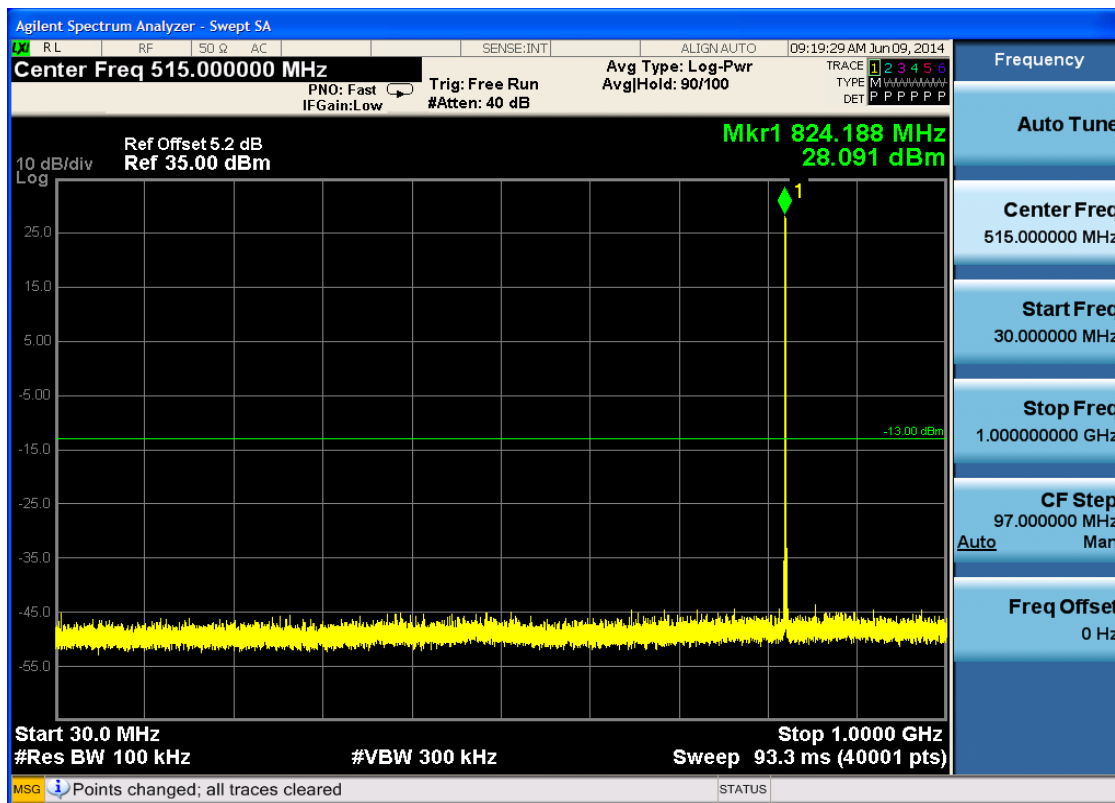


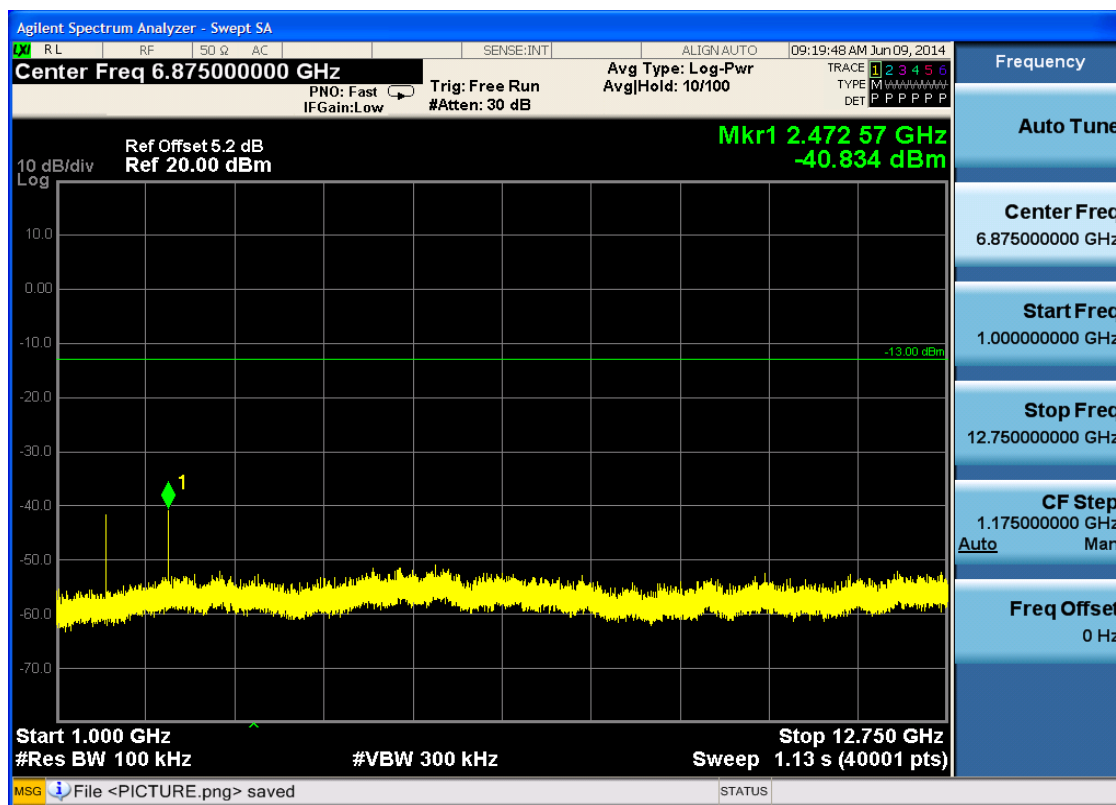


6.1.1.2.1 Test Channel = LCH



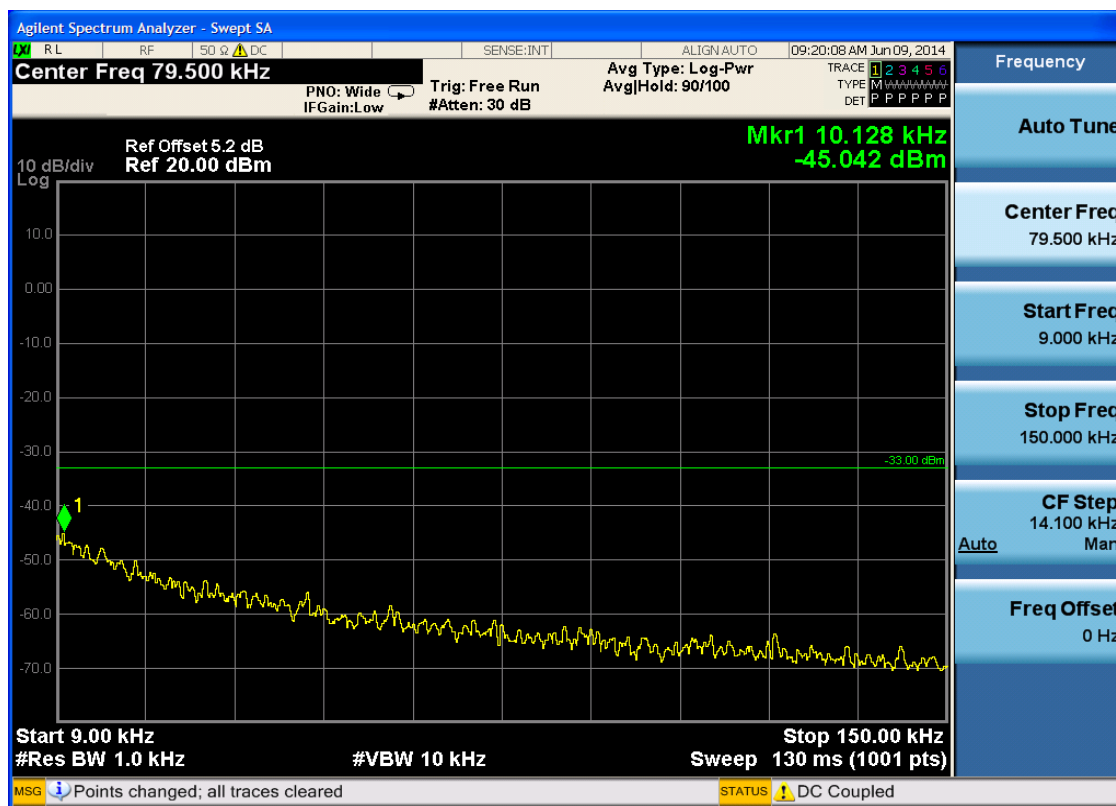


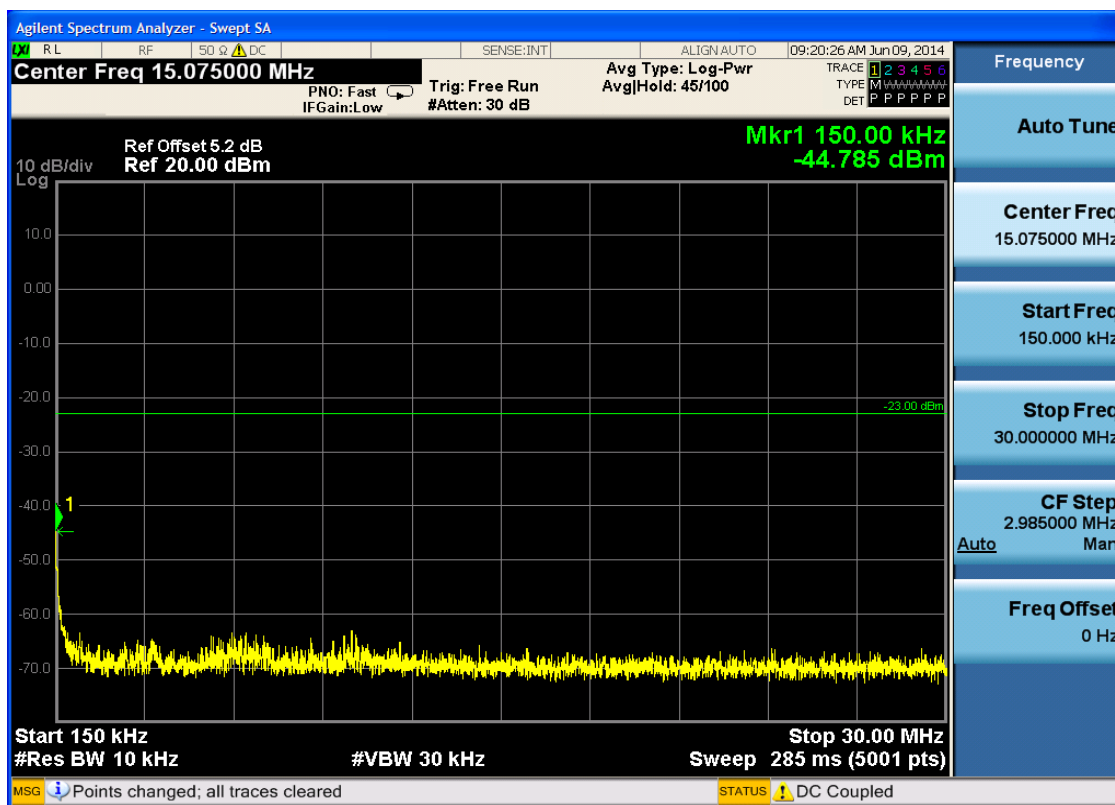


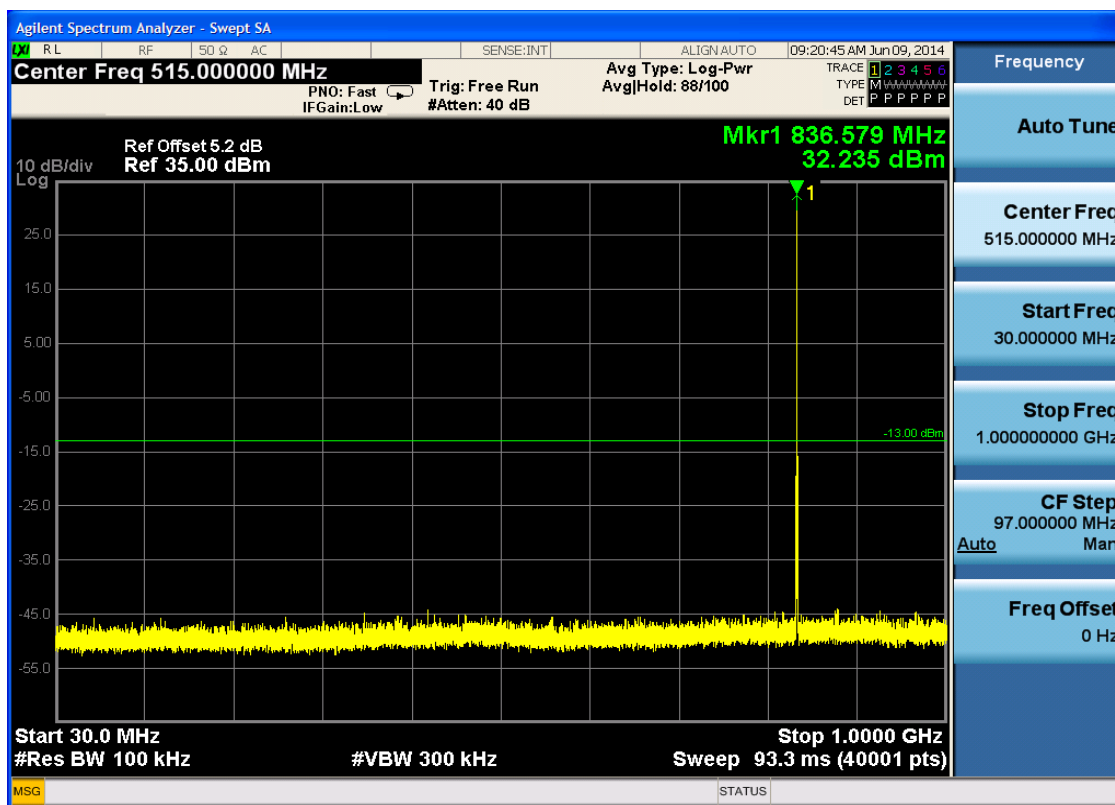


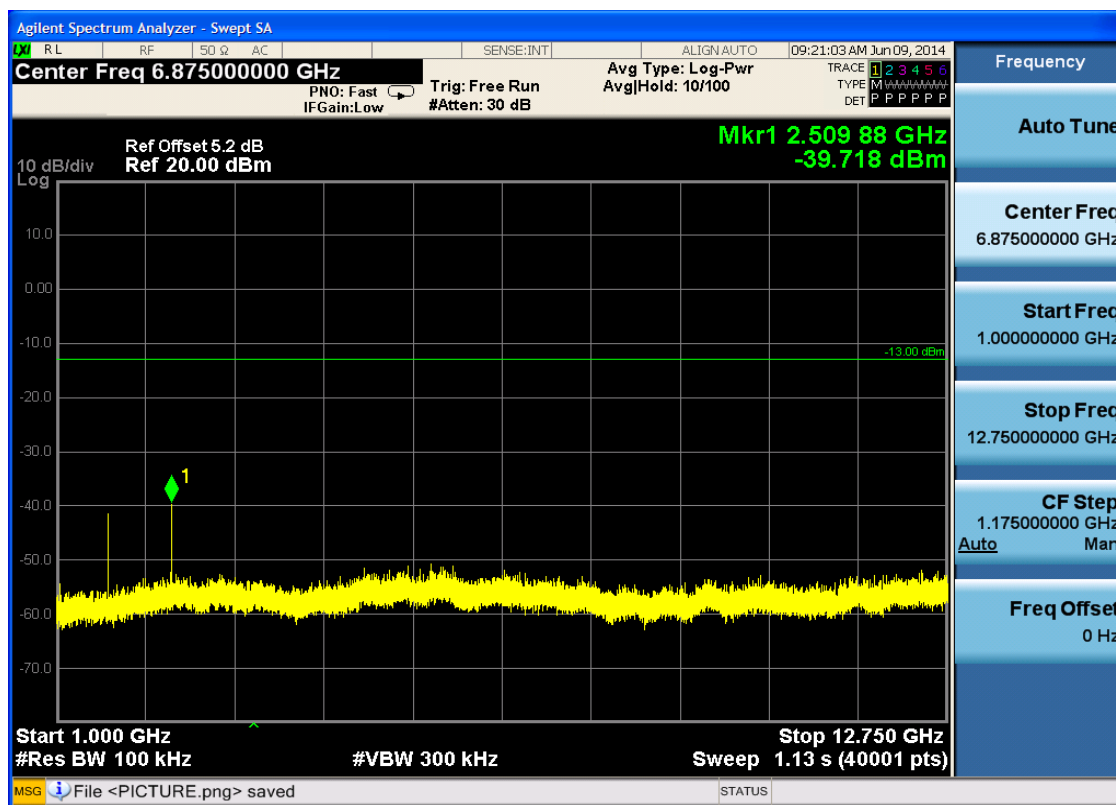


6.1.1.2.2 Test Channel = MCH

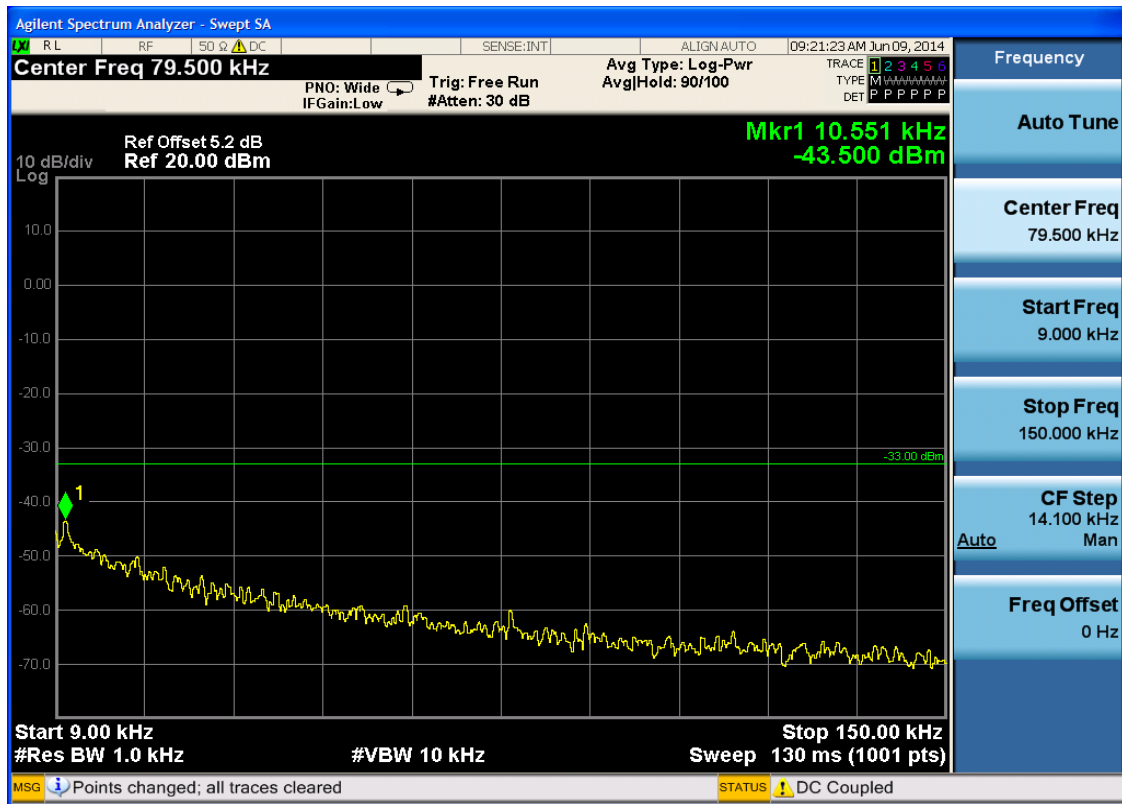


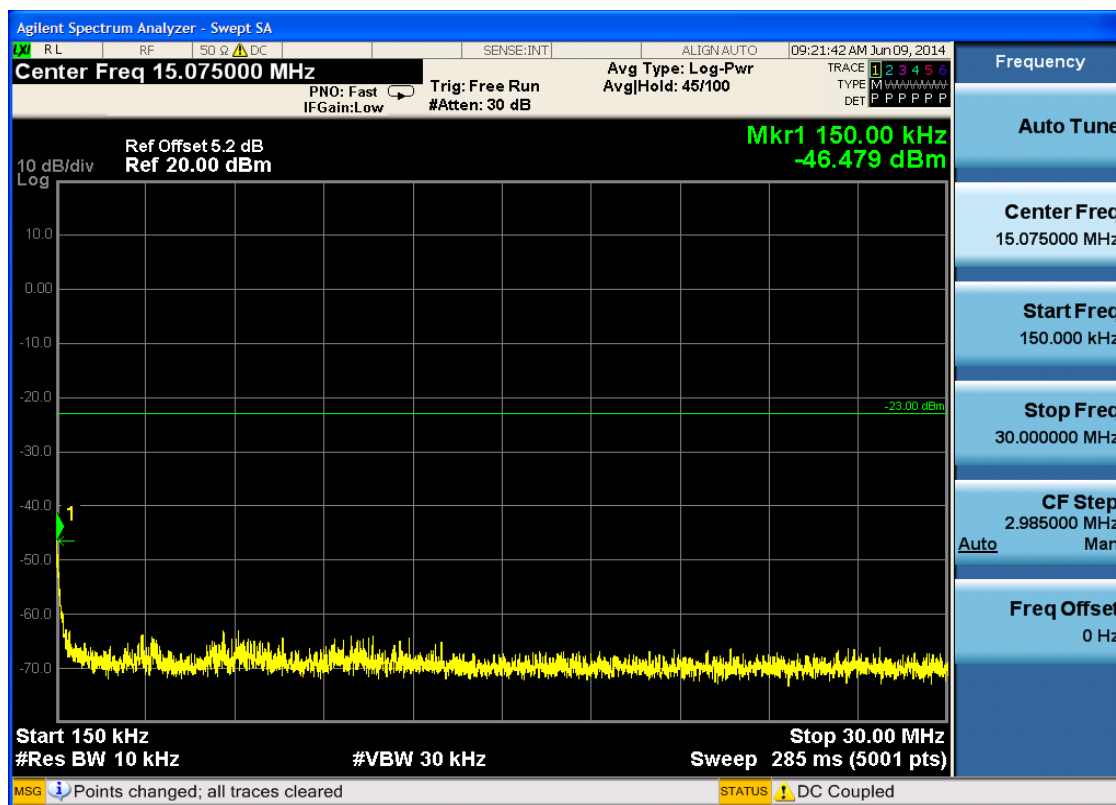


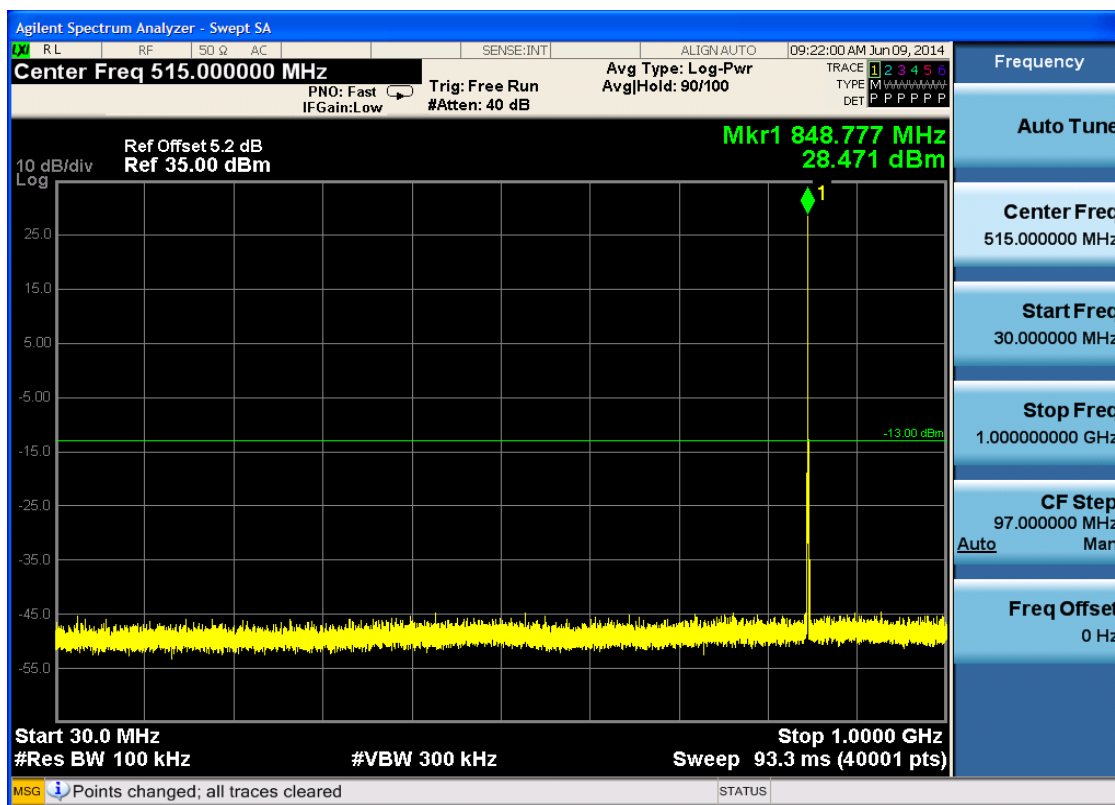


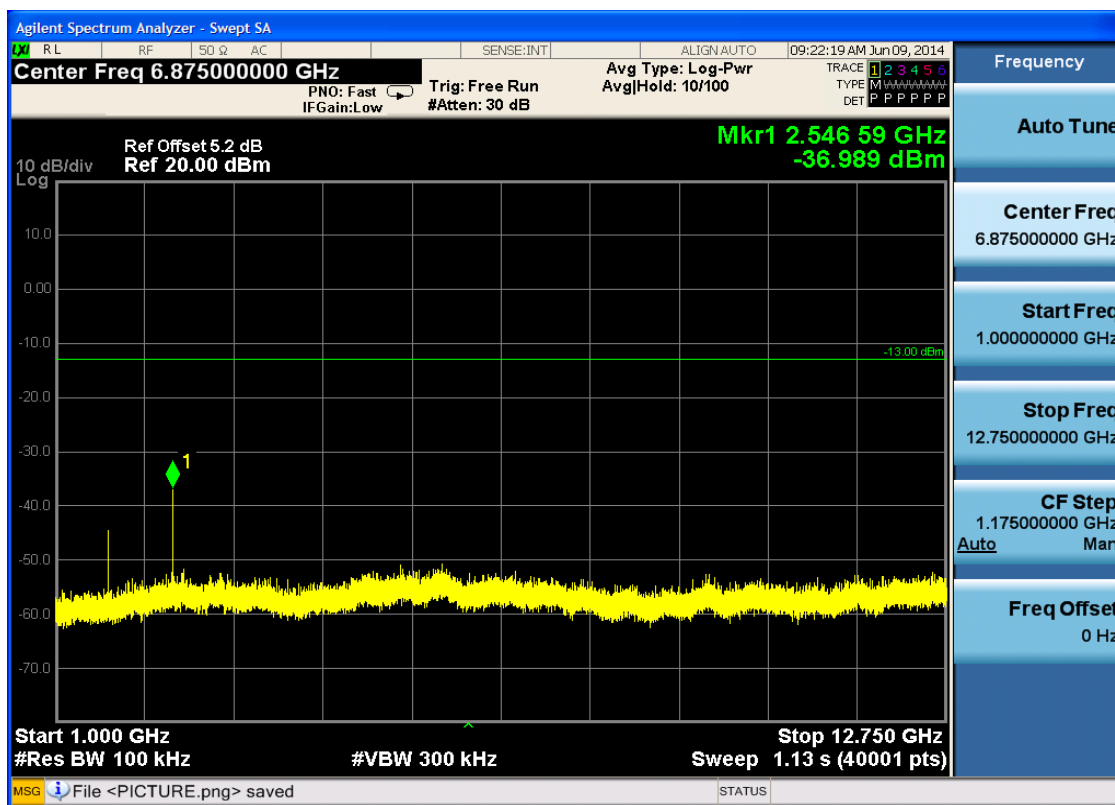


6.1.1.2.3 Test Channel = HCH





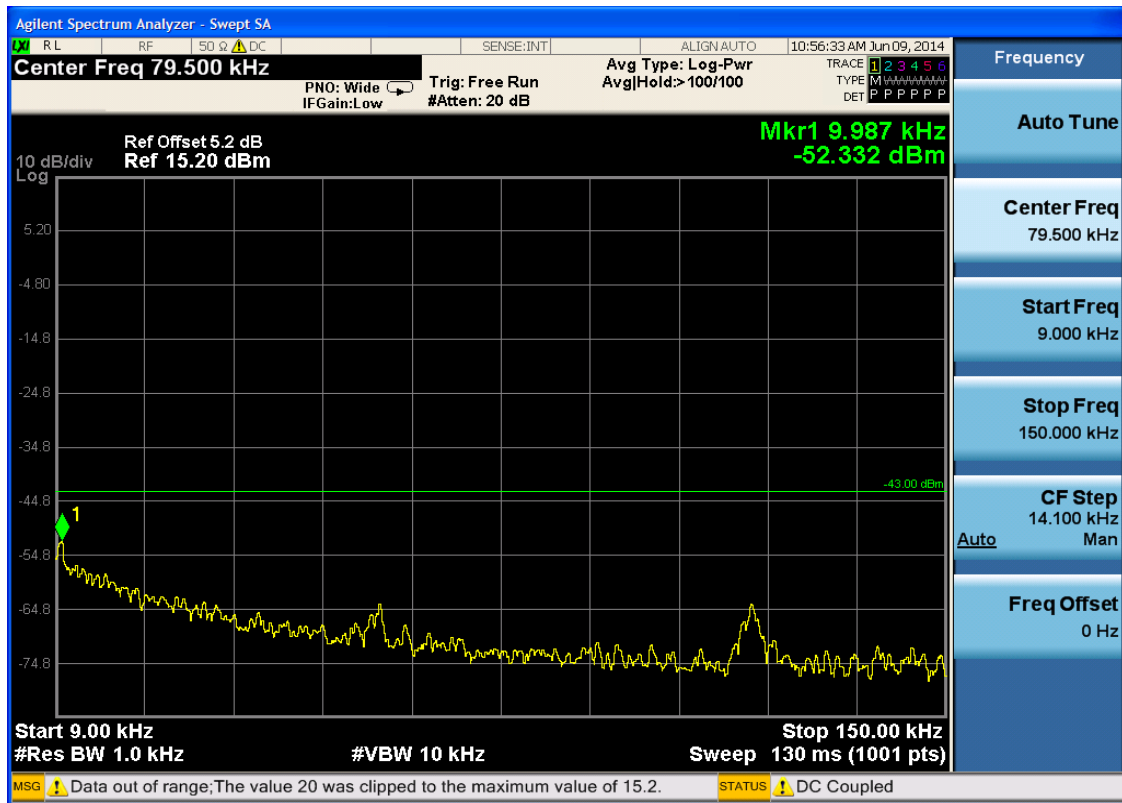


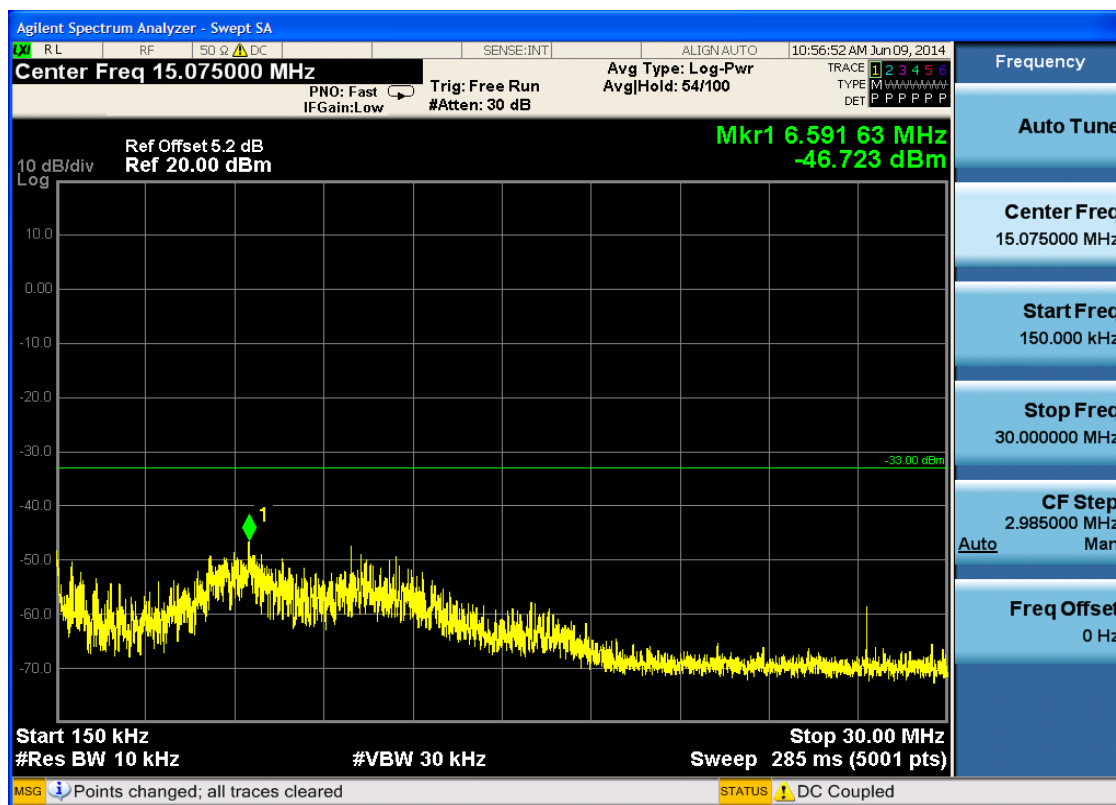


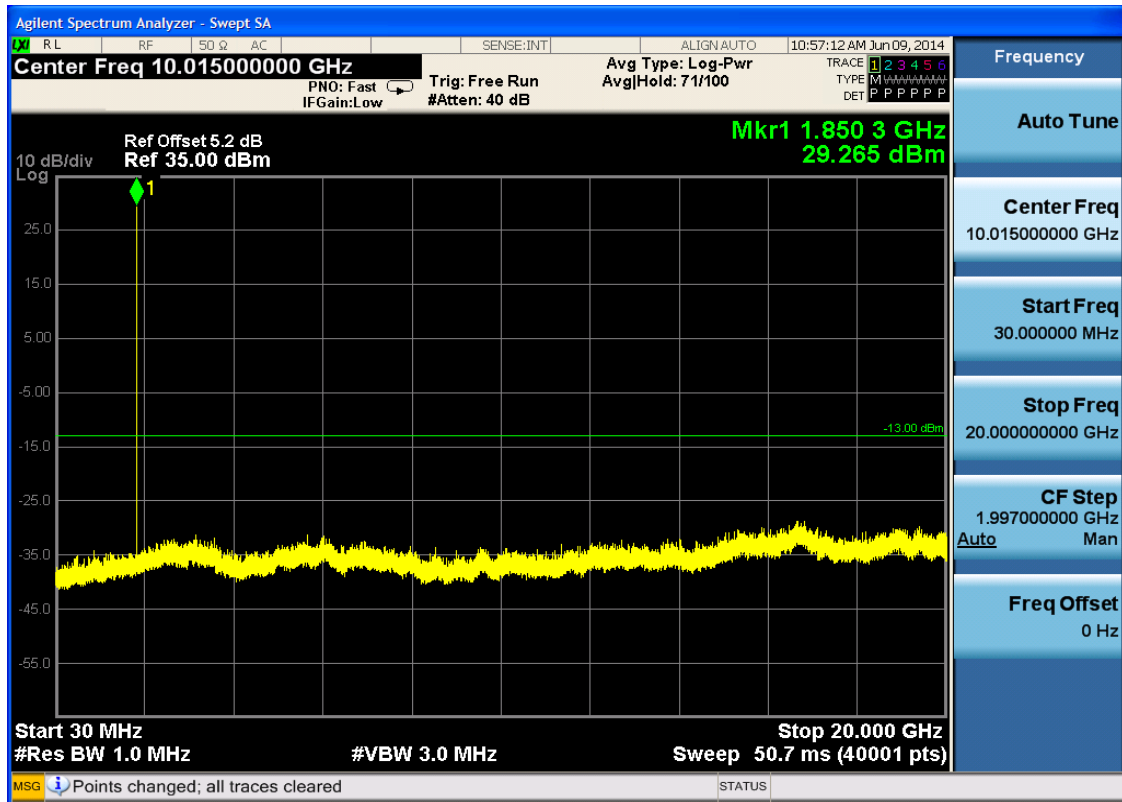
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

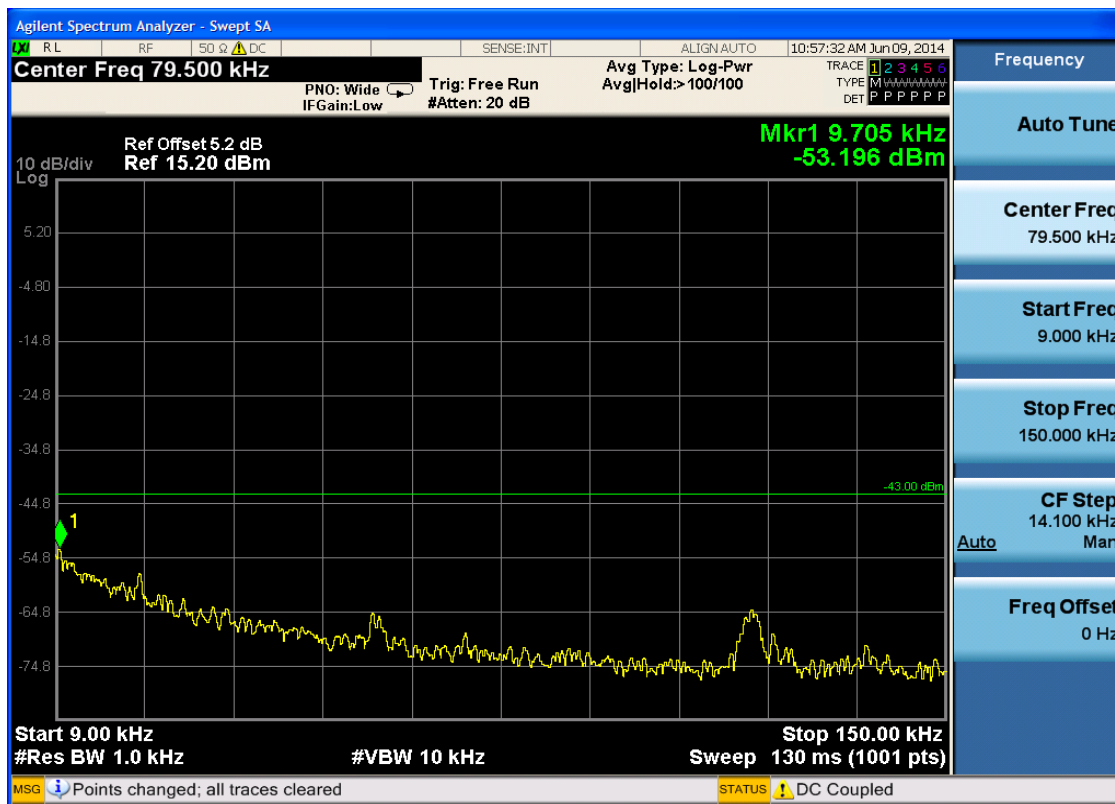
6.1.2.1.1 Test Channel = LCH

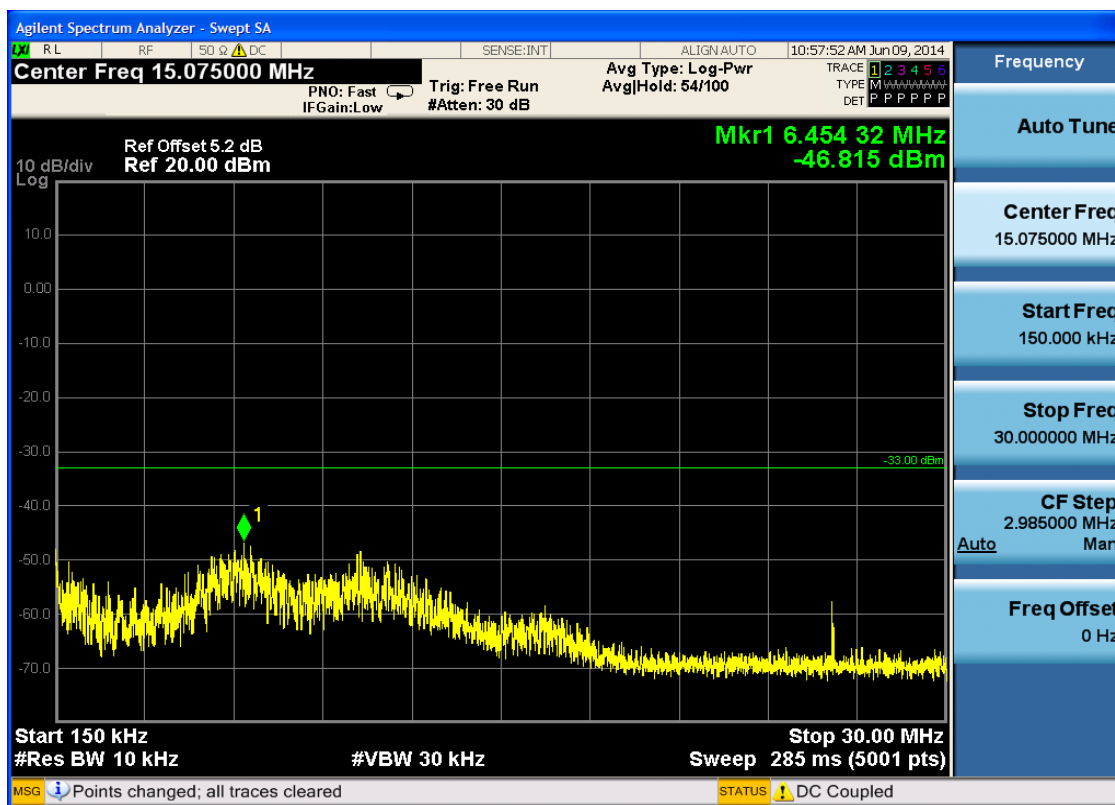


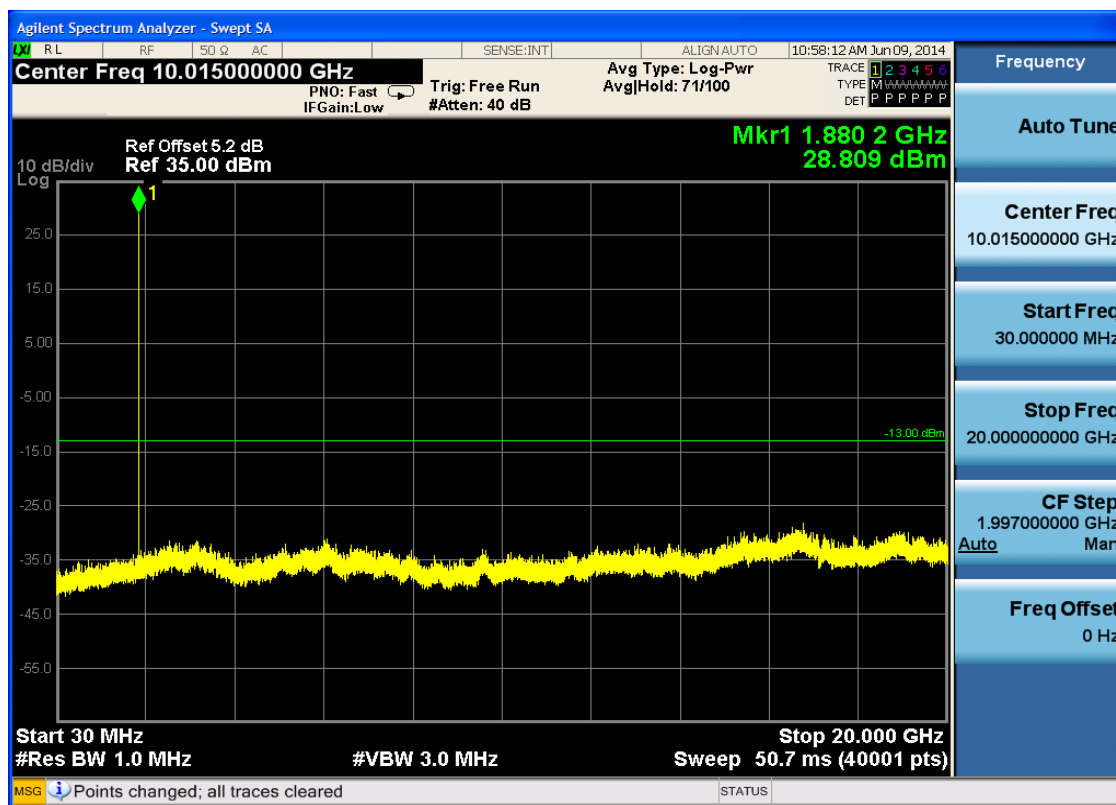




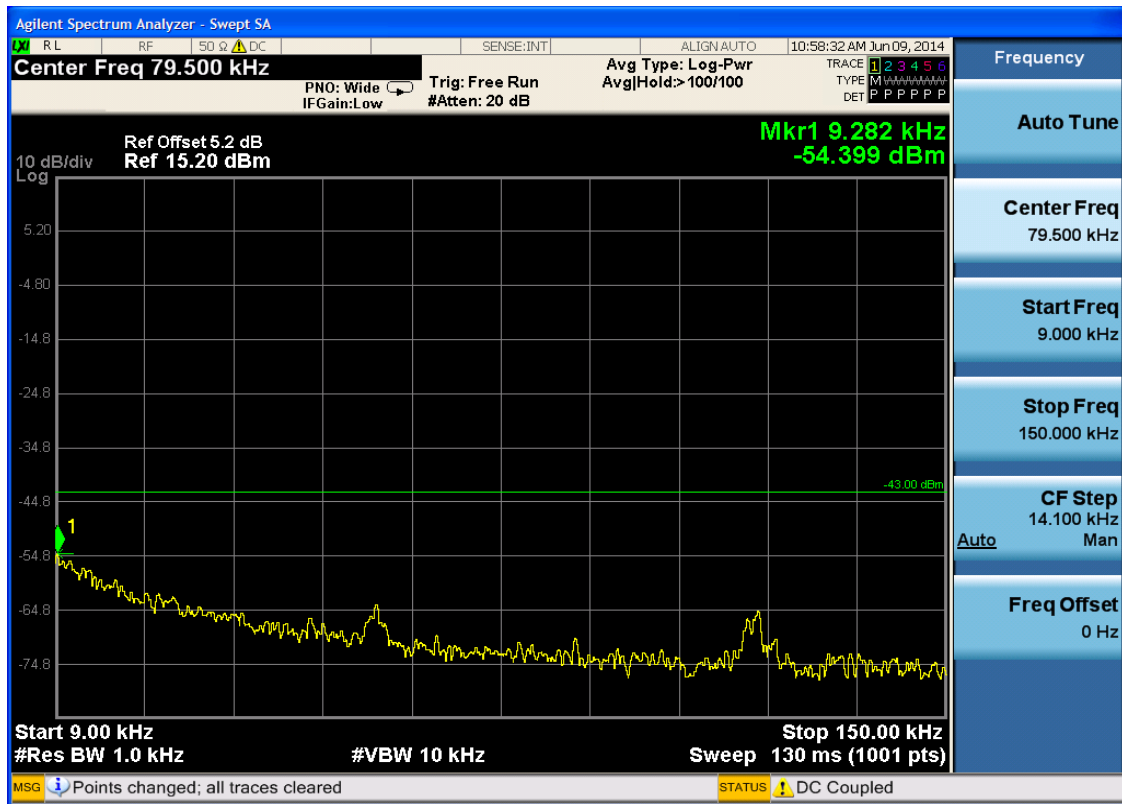
6.1.2.1.2 Test Channel = MCH

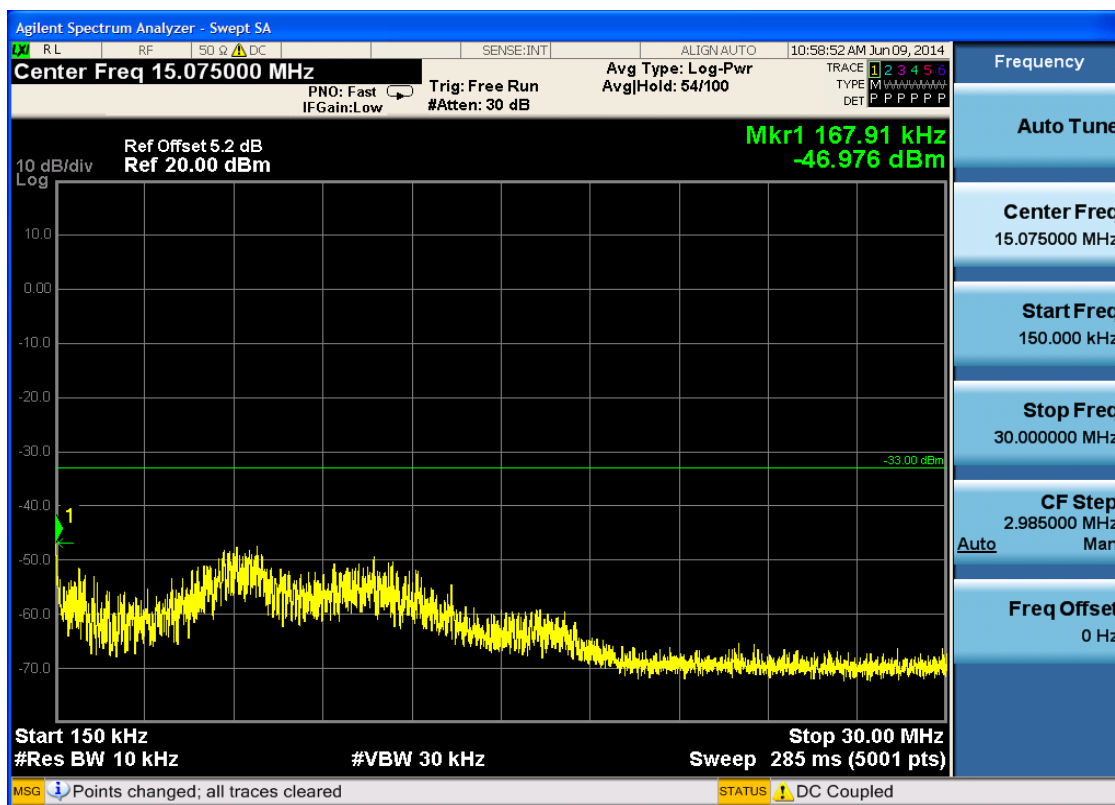


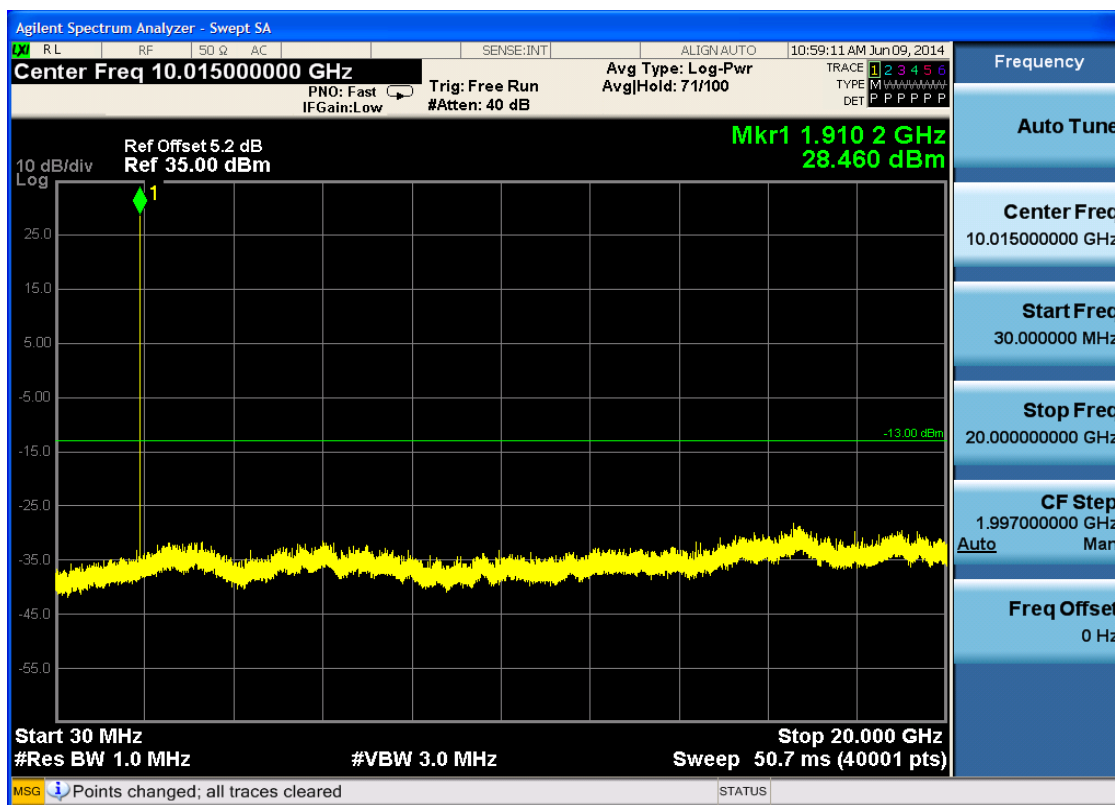




6.1.2.1.3 Test Channel = HCH

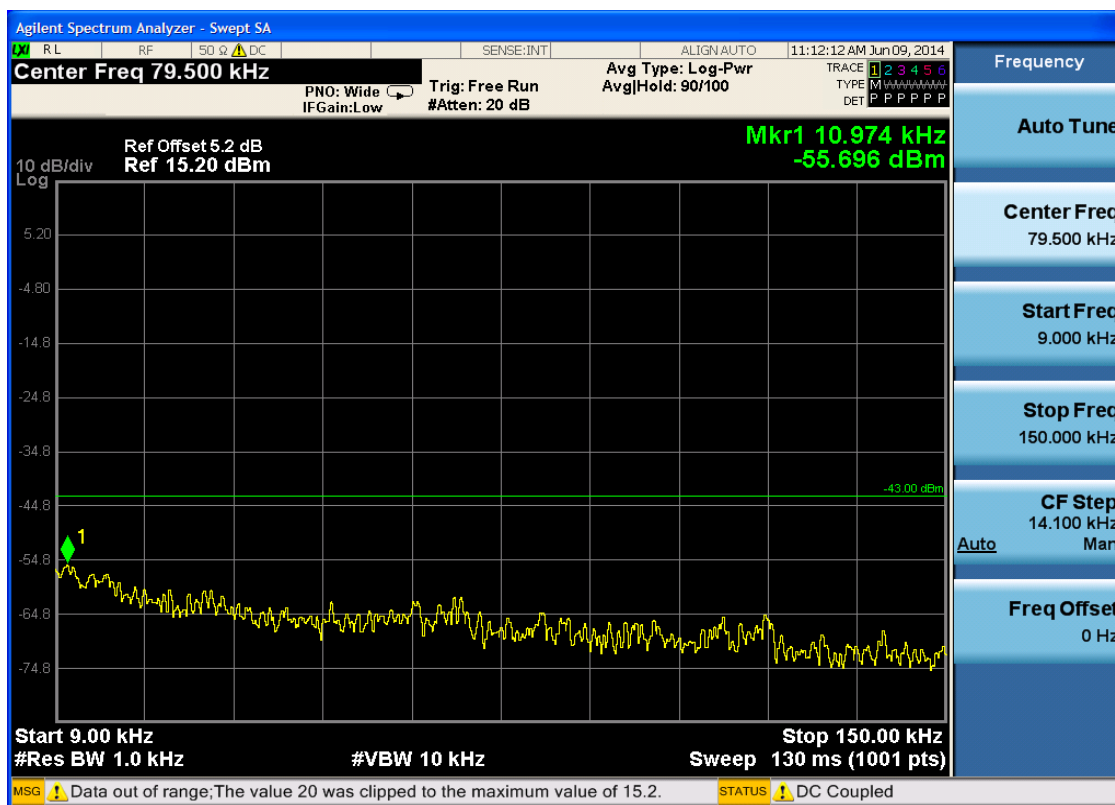


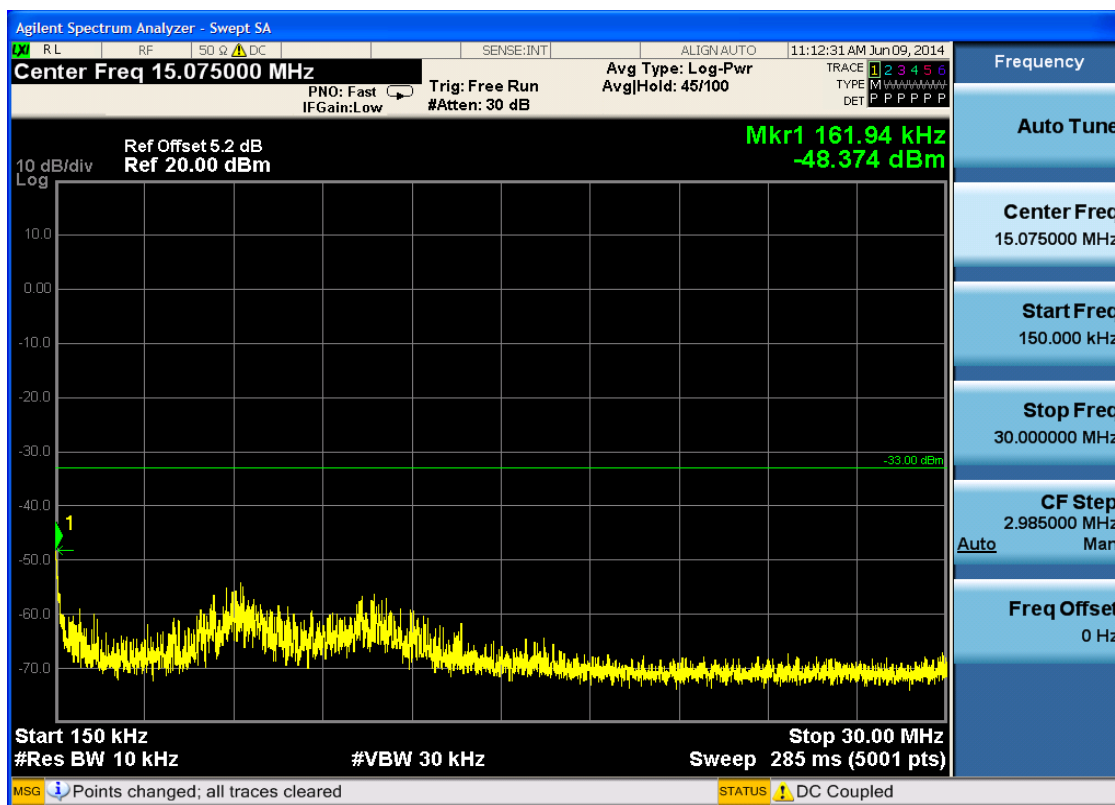


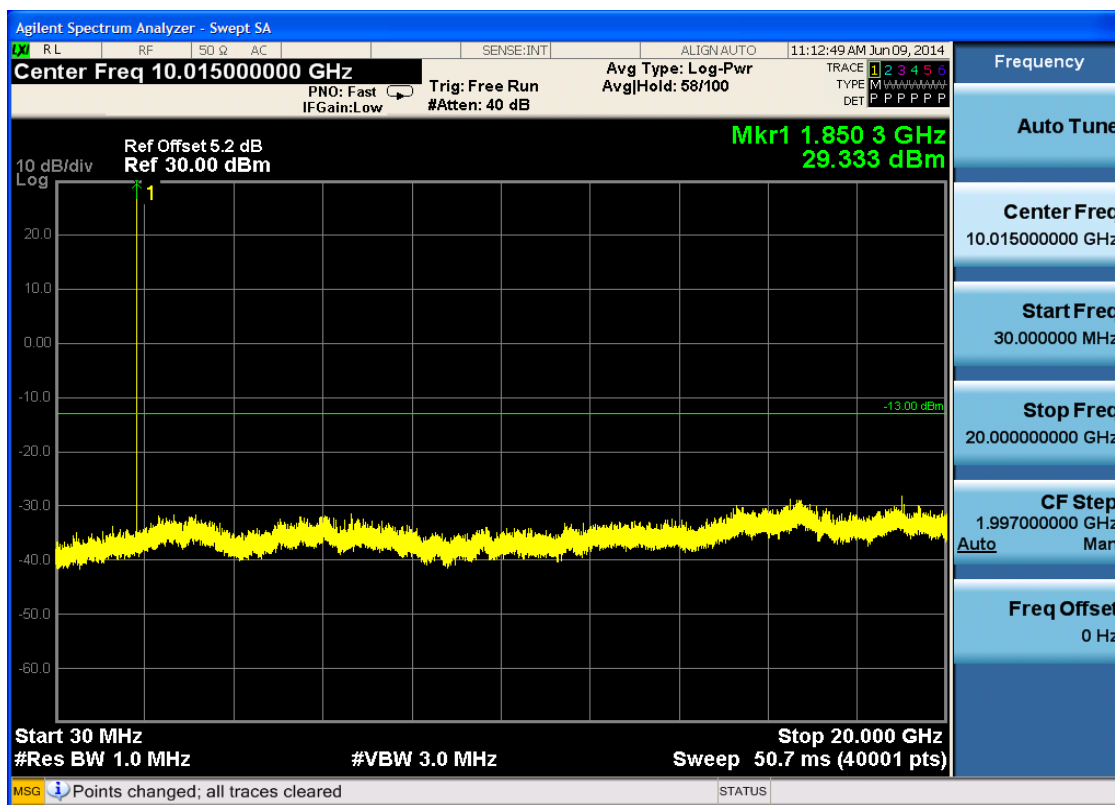


6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH









Agilent Spectrum Analyzer - Swept SA

Center Freq 79.500 kHz

Ref Offset 5.2 dB
Ref 15.20 dBm

10 dB/div
Log

Mkr1 9.987 kHz
-54.598 dBm

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
Sweep 130 ms (1001 pts)

#VBW 10 kHz

Auto

Frequency

Auto Tune

Center Freq
79.500 kHz

Start Freq
9.000 kHz

Stop Freq
150.000 kHz

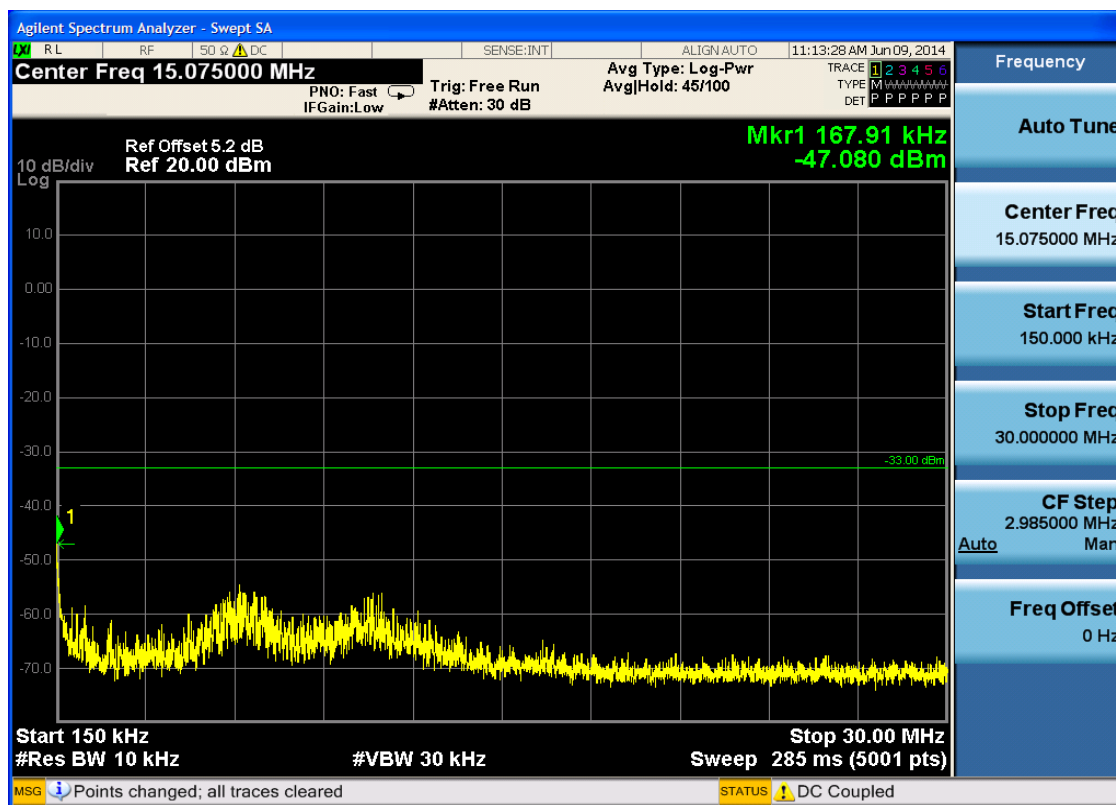
CF Step
14.100 kHz
Man

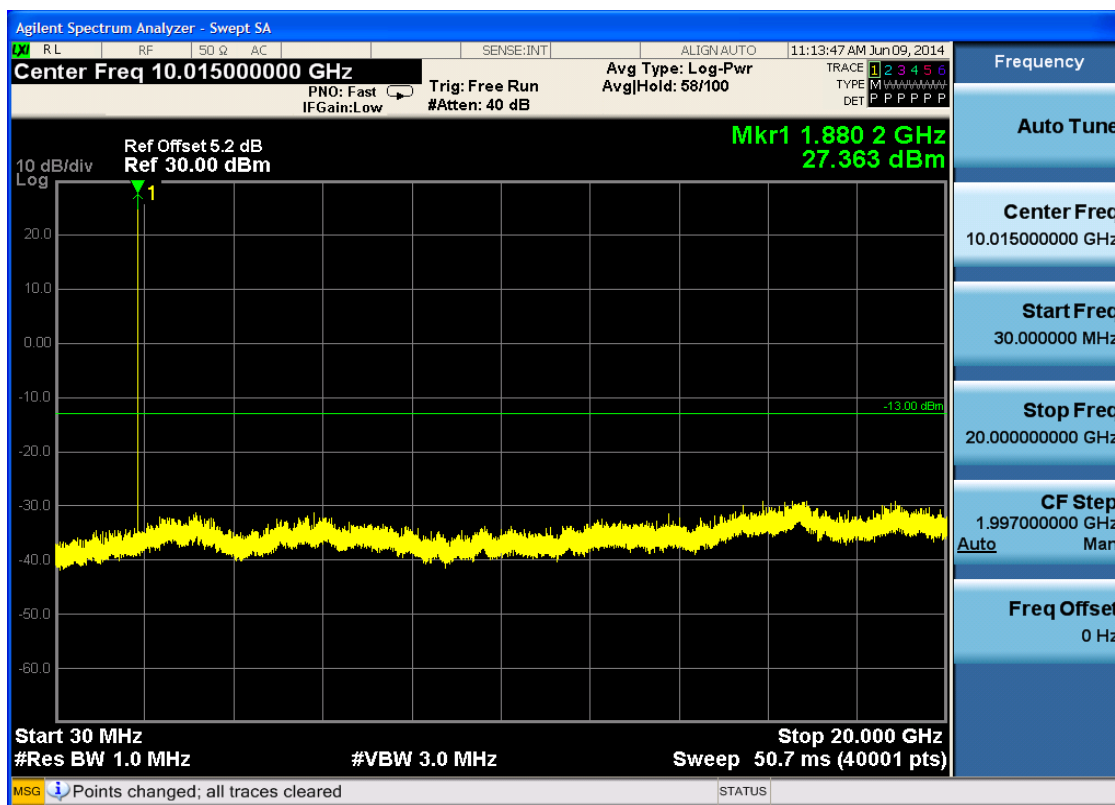
Freq Offset
0 Hz

MSG Points changed; all traces cleared

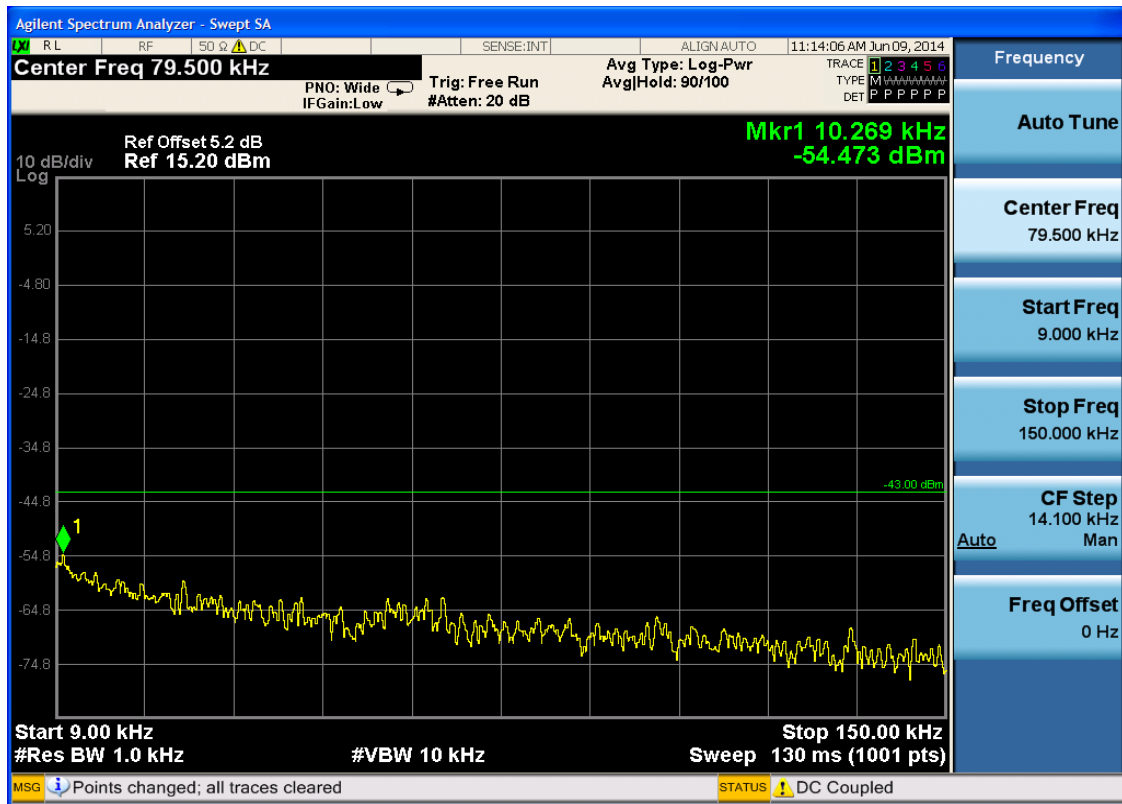
STATUS DC Coupled

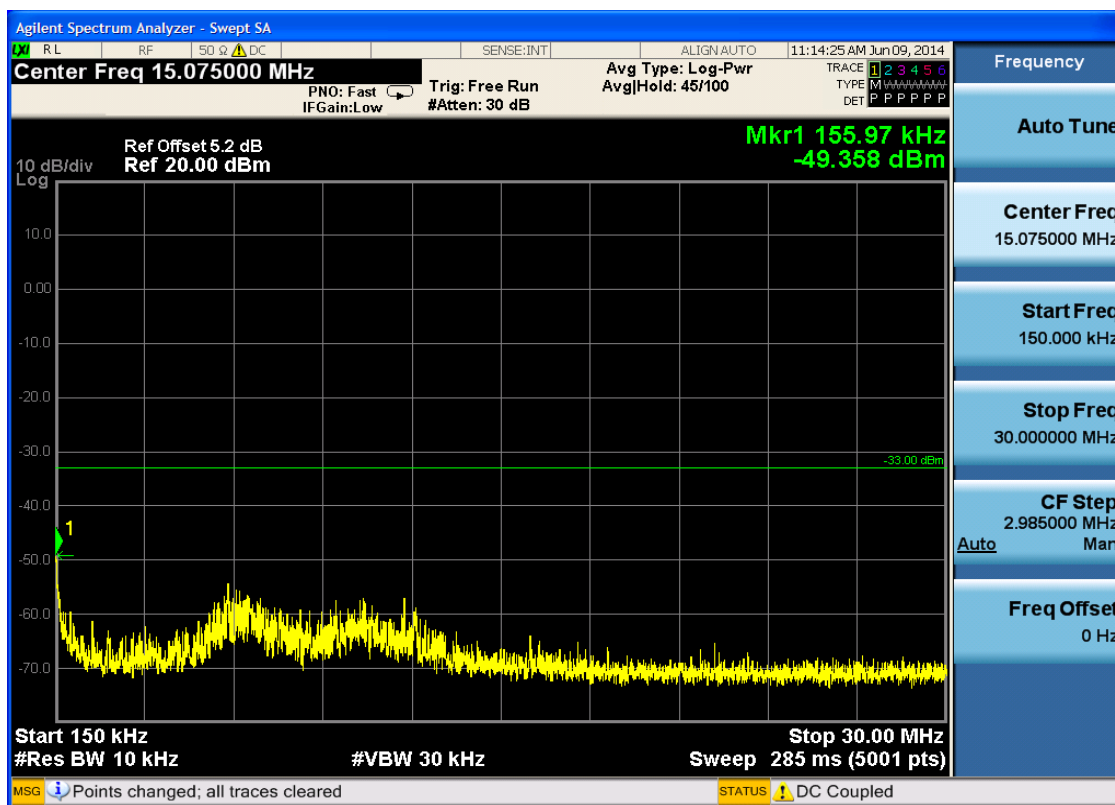
 Points changed; all traces cleared' and 'STATUS DC Coupled'."/>

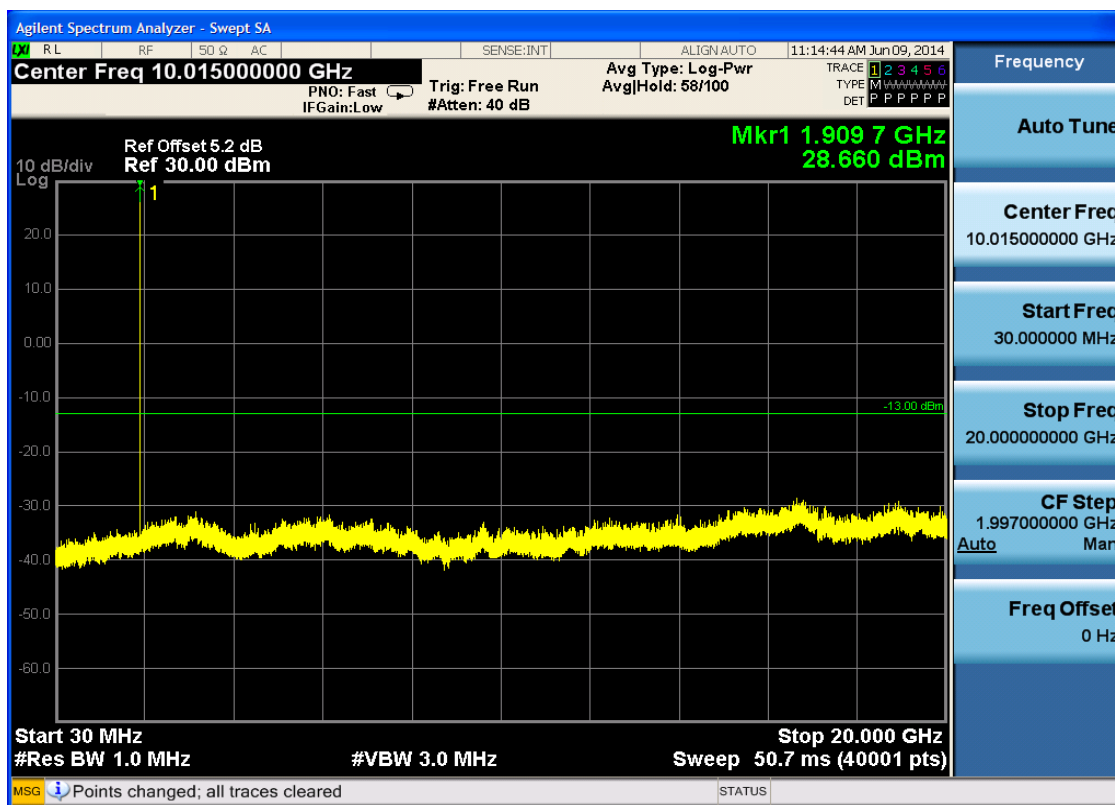




6.1.2.2.3 Test Channel = HCH





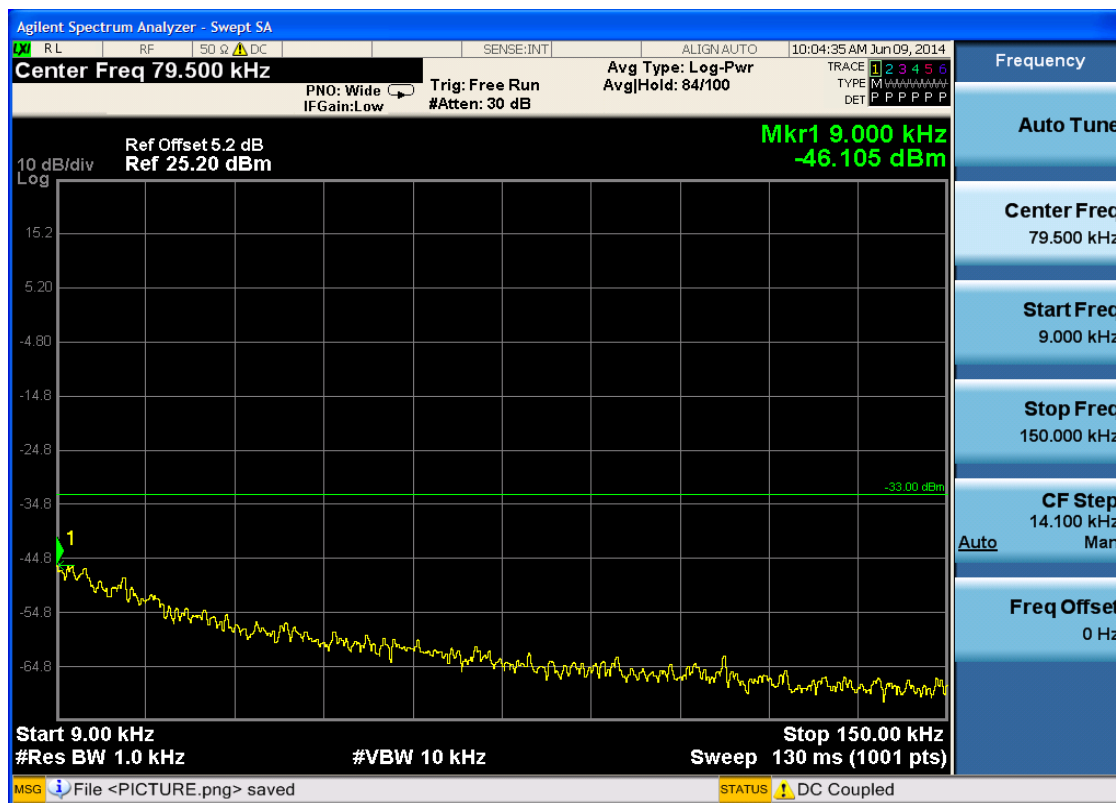


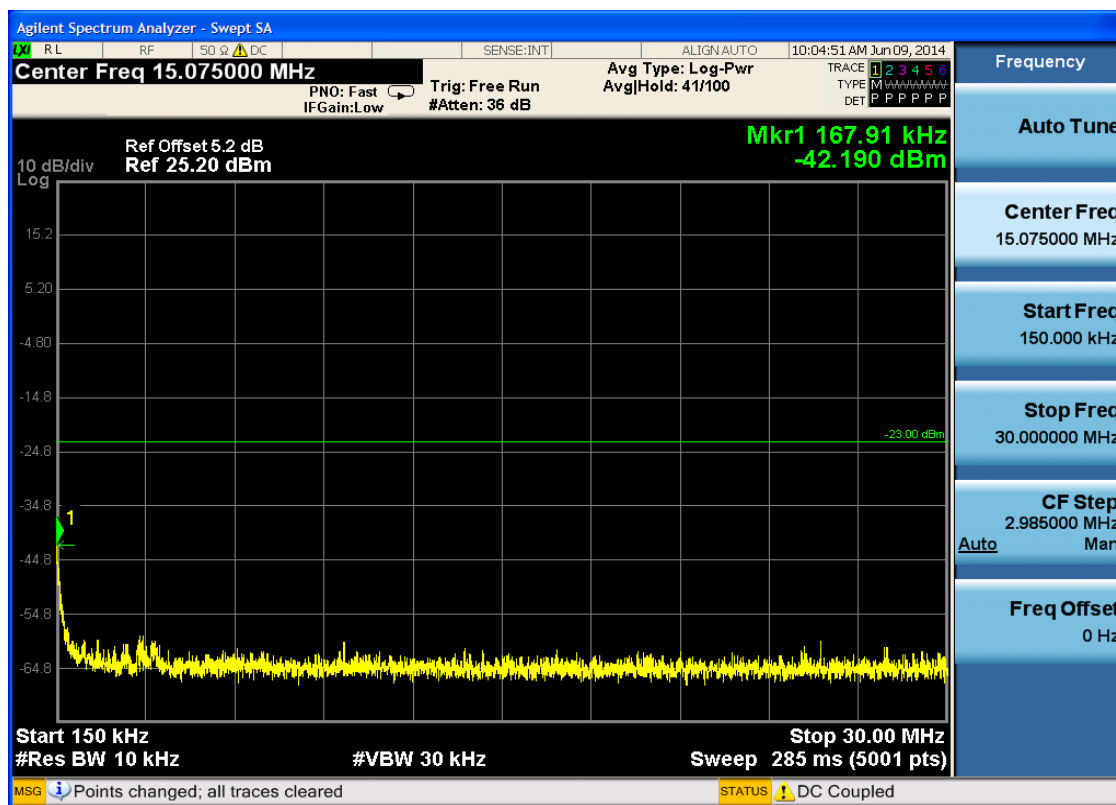
6.2 For UMTS

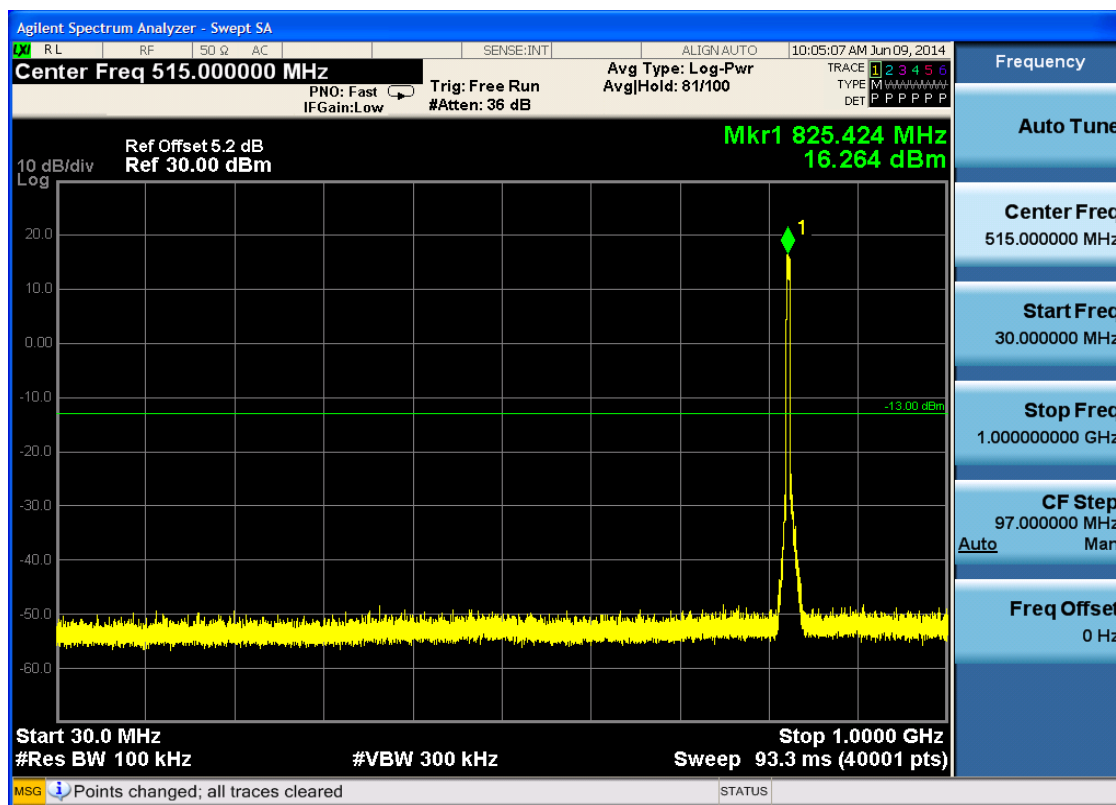
6.2.1 Test Band = WCDMA850

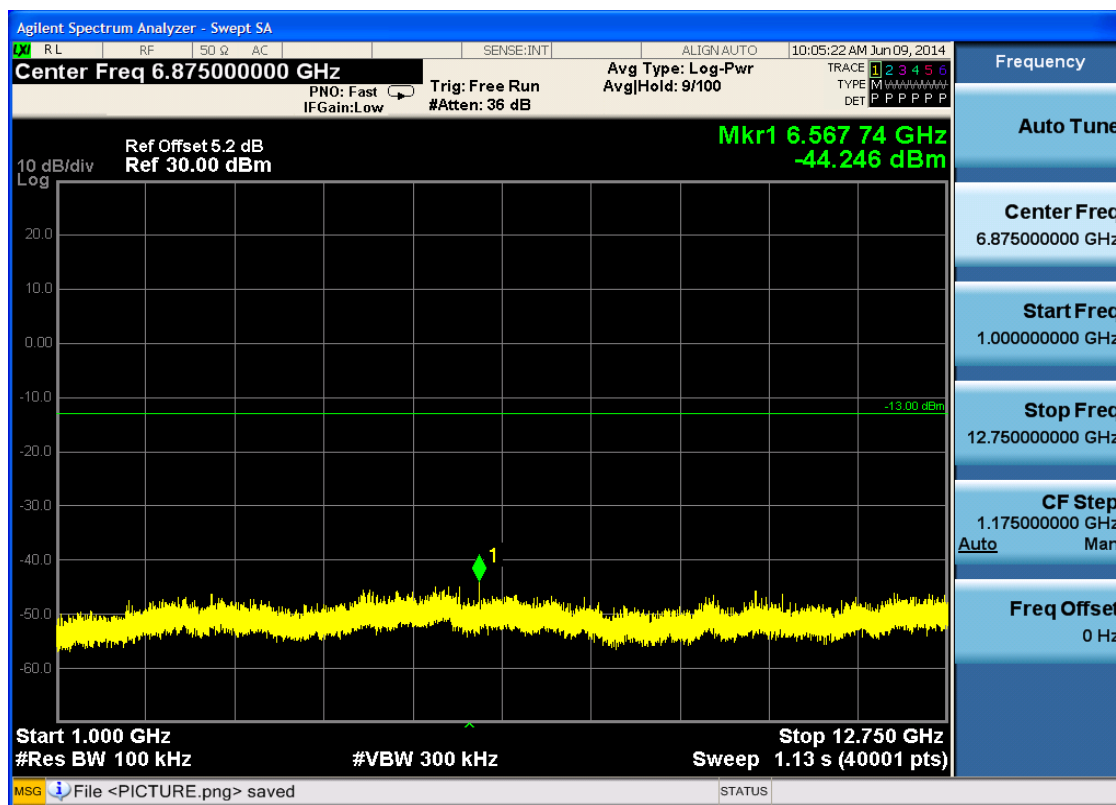
6.2.1.1 Test Mode = UMTS/TM1

6.2.1.1.1 Test Channel = LCH

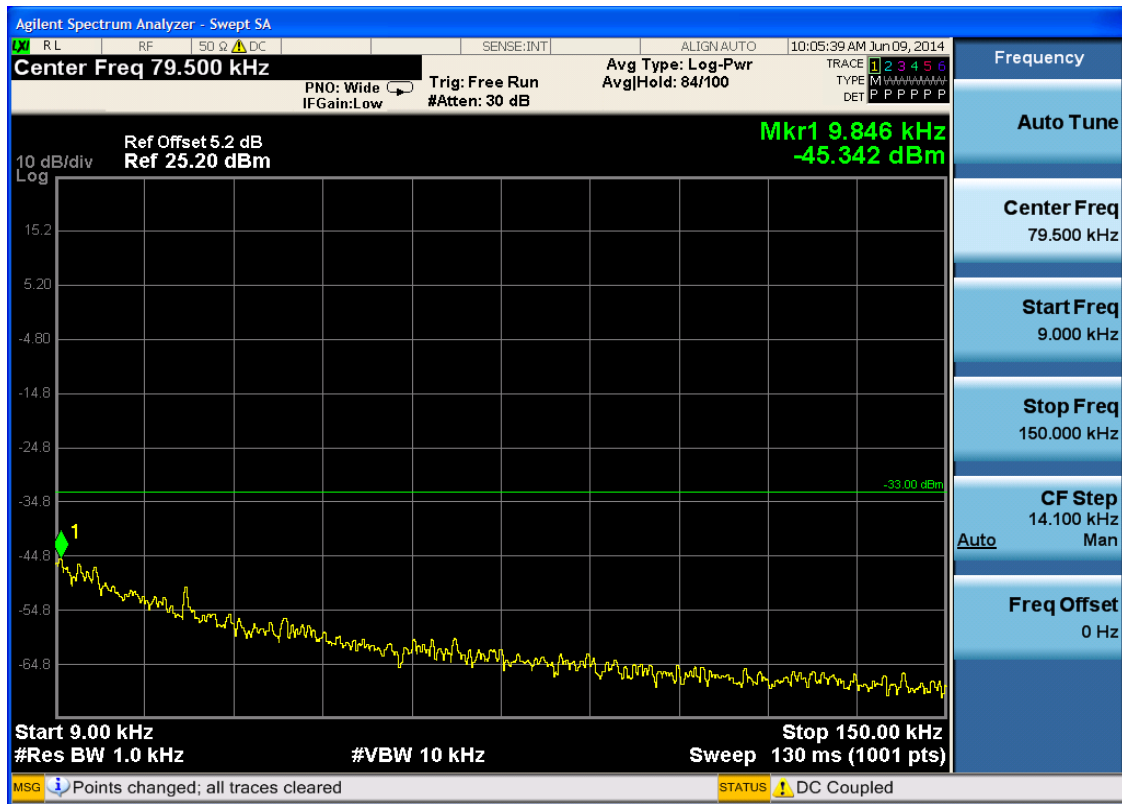


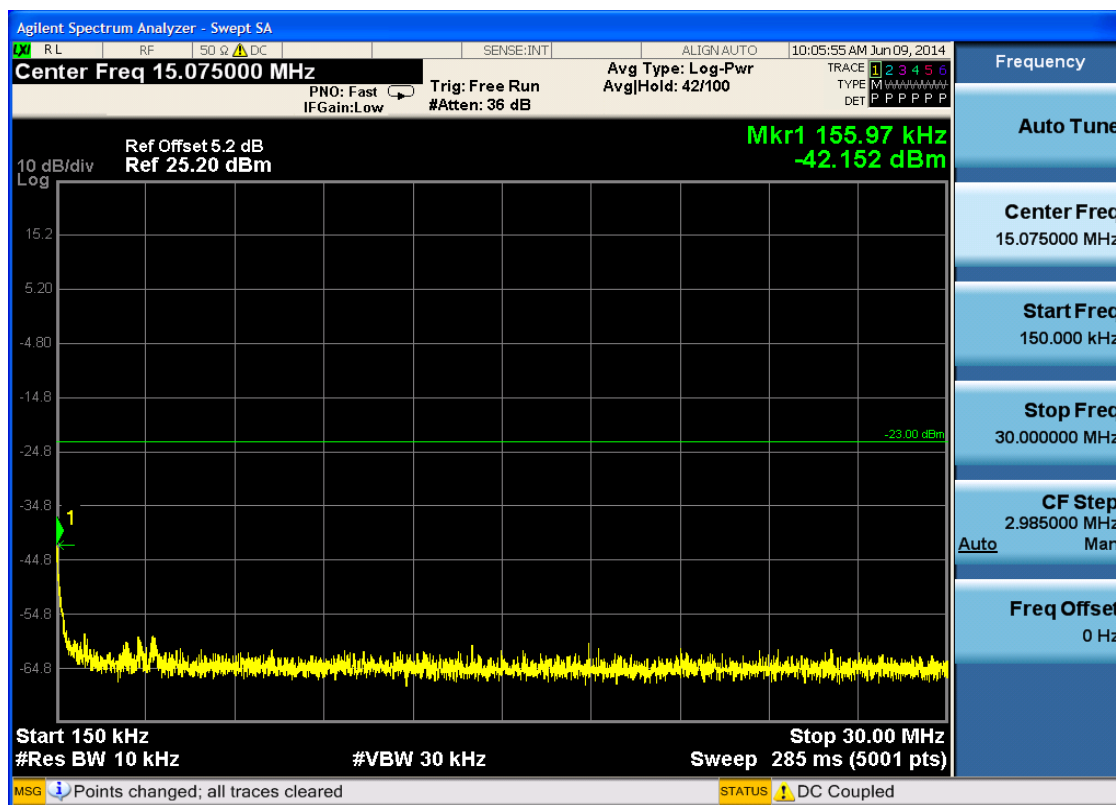


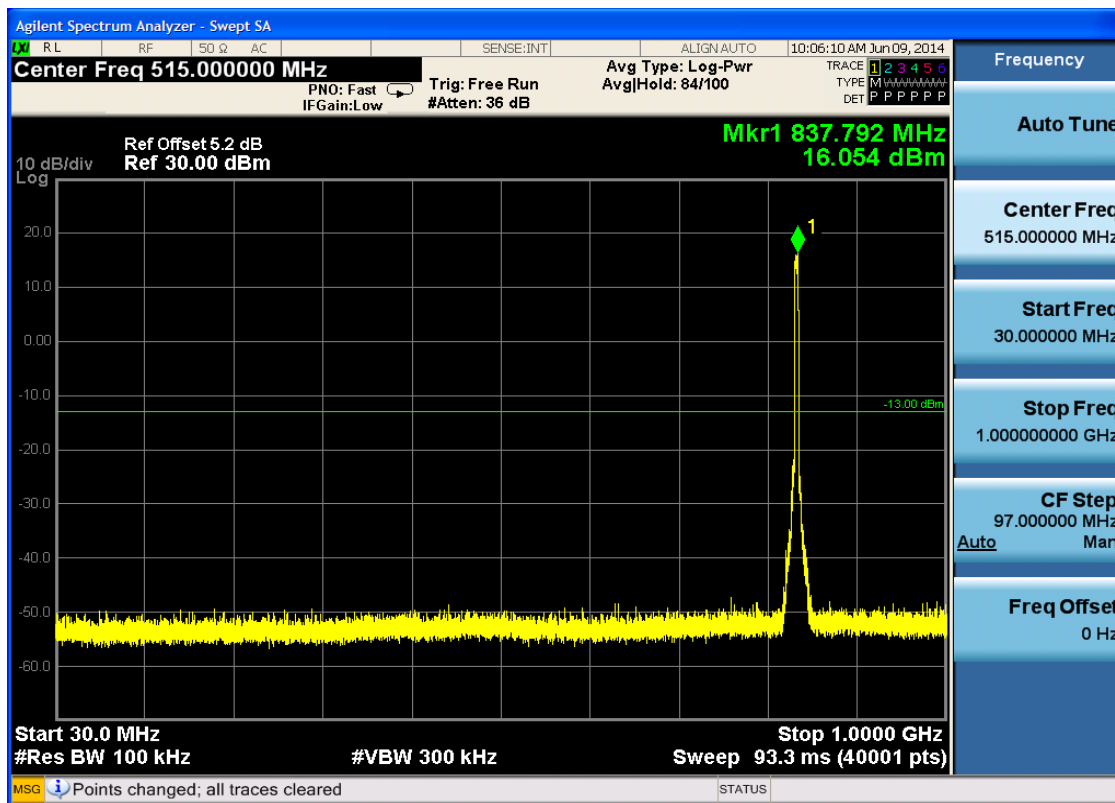


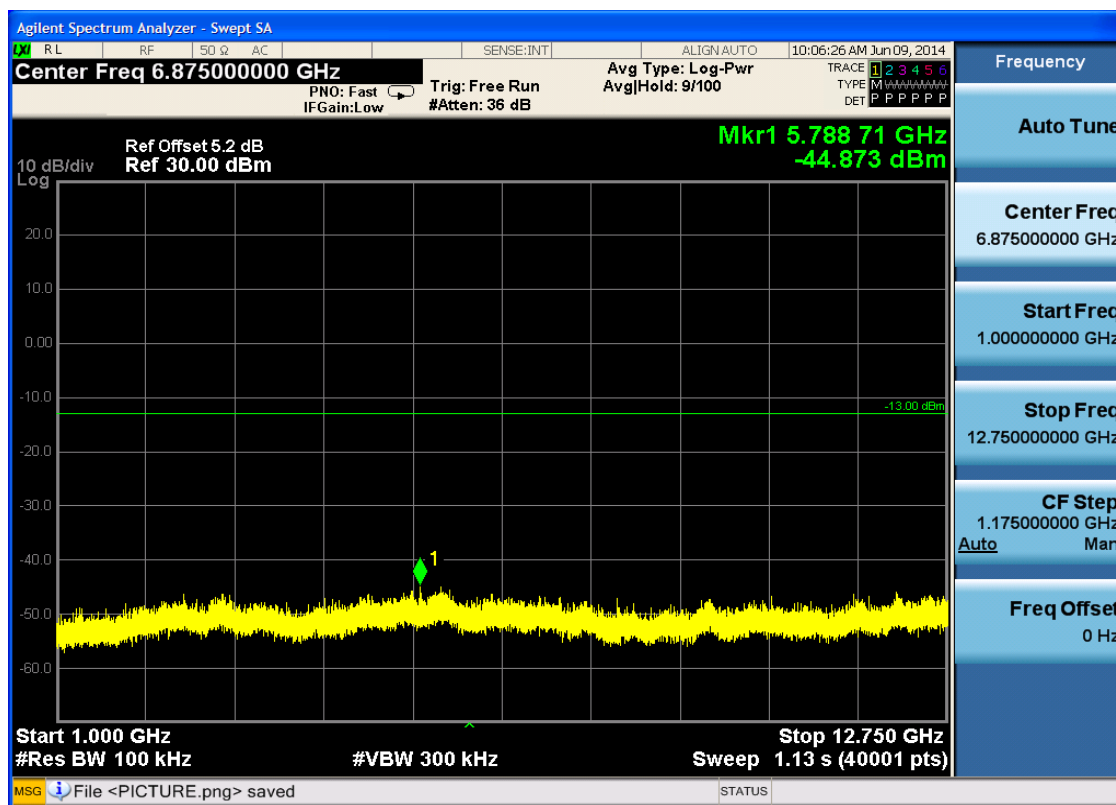


6.2.1.1.2 Test Channel = MCH











Agilent Spectrum Analyzer - Swept SA

☒ R.L. RF 50 Ω DC SENSE:INT ALIGN:AUTO 10:06:43 AM Jun 09, 2014

Center Freq 79.500 kHz

PNO: Wide Trig: Free Run Avg Type: Log-Pwr TRACE 1 2 3 4 5 6
 IFGain: Low #Atten: 30 dB Avg/Hold: 83/100 TYPE M M M M M M M M
 DET P P P P P P

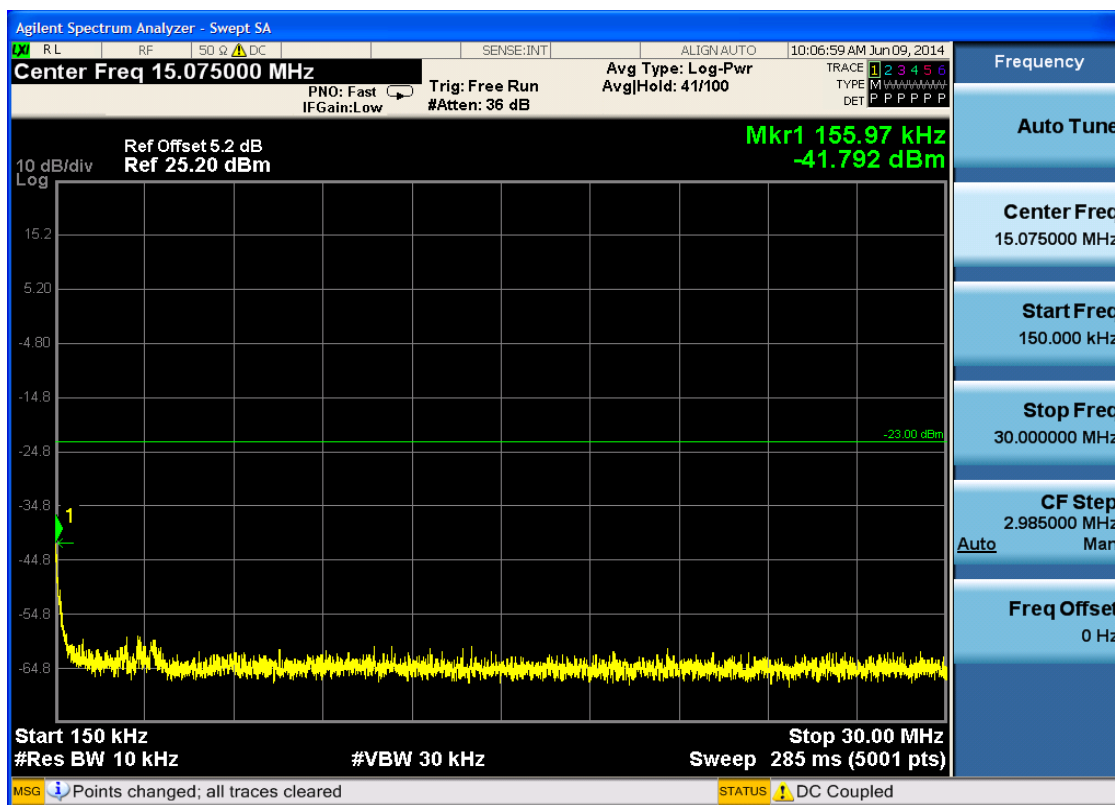
Ref Offset 5.2 dB Mkr1 9.000 kHz
 Ref 25.20 dBm -45.954 dBm

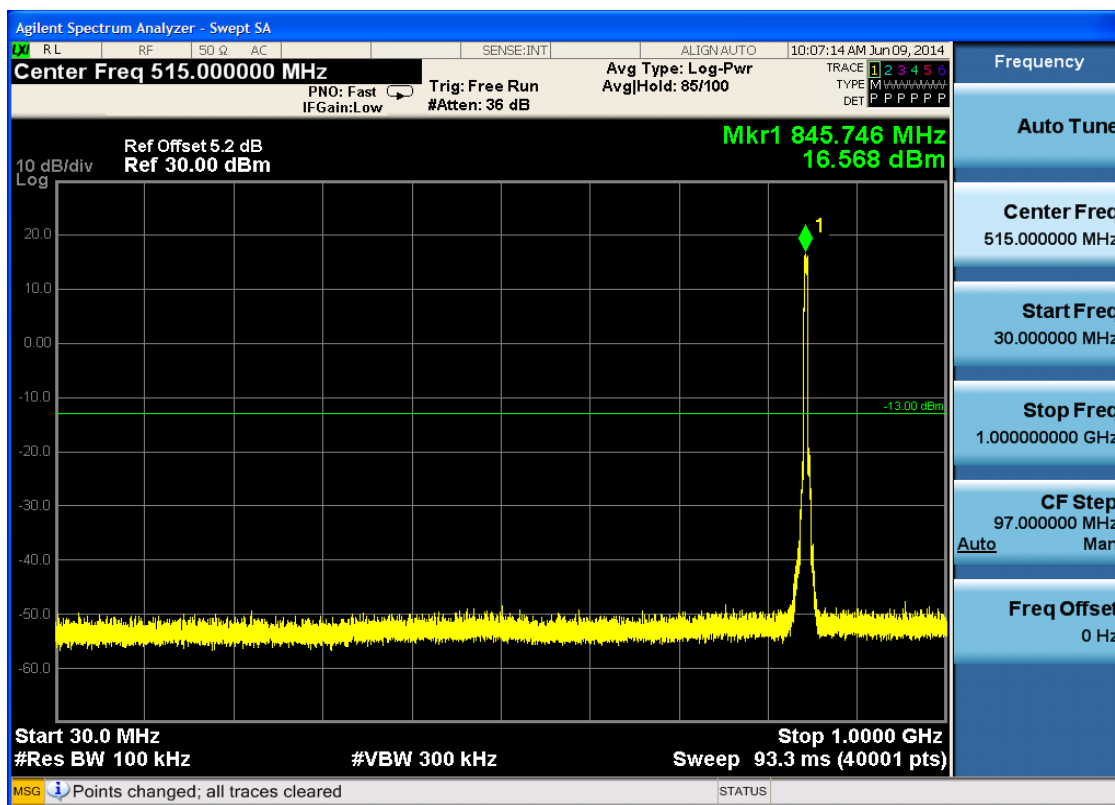
10 dB/div
 Log

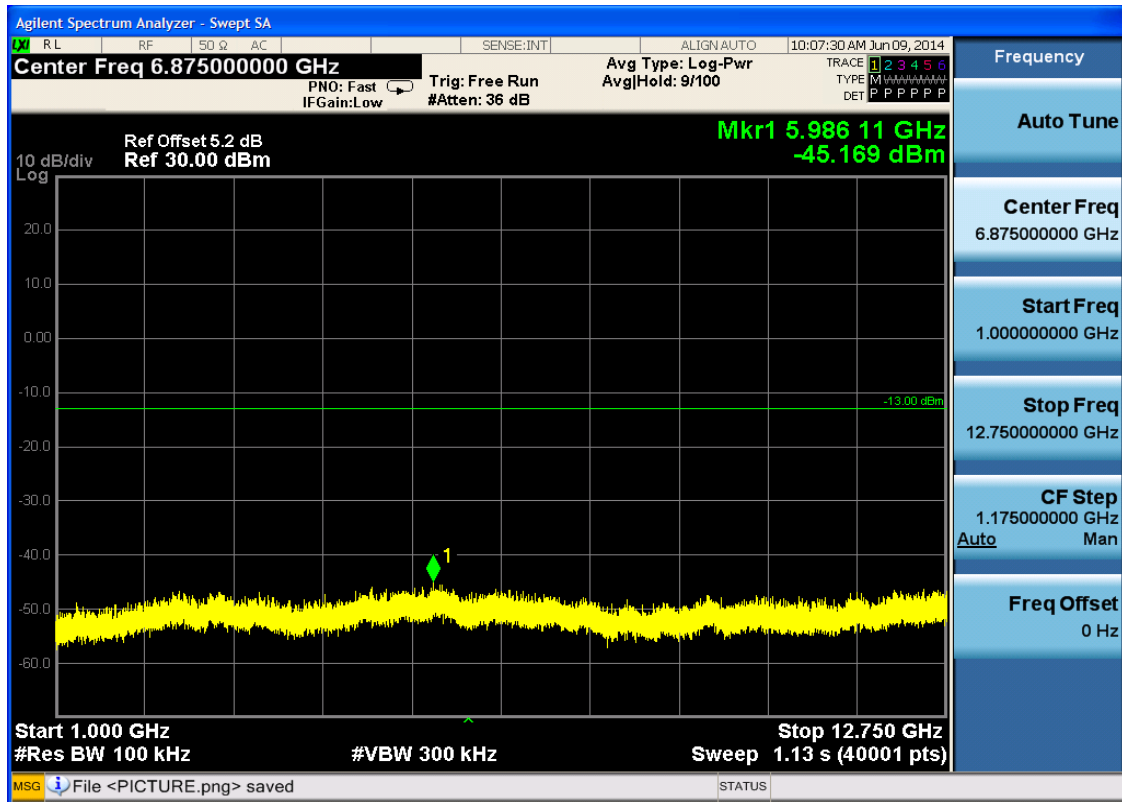
Start 9.00 kHz Stop 150.00 kHz
 #Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

Frequency
 Auto Tune
 Center Freq 79.500 kHz
 Start Freq 9.000 kHz
 Stop Freq 150.00 kHz
 CF Step 14.100 kHz
 Auto Man
 Freq Offset 0 Hz



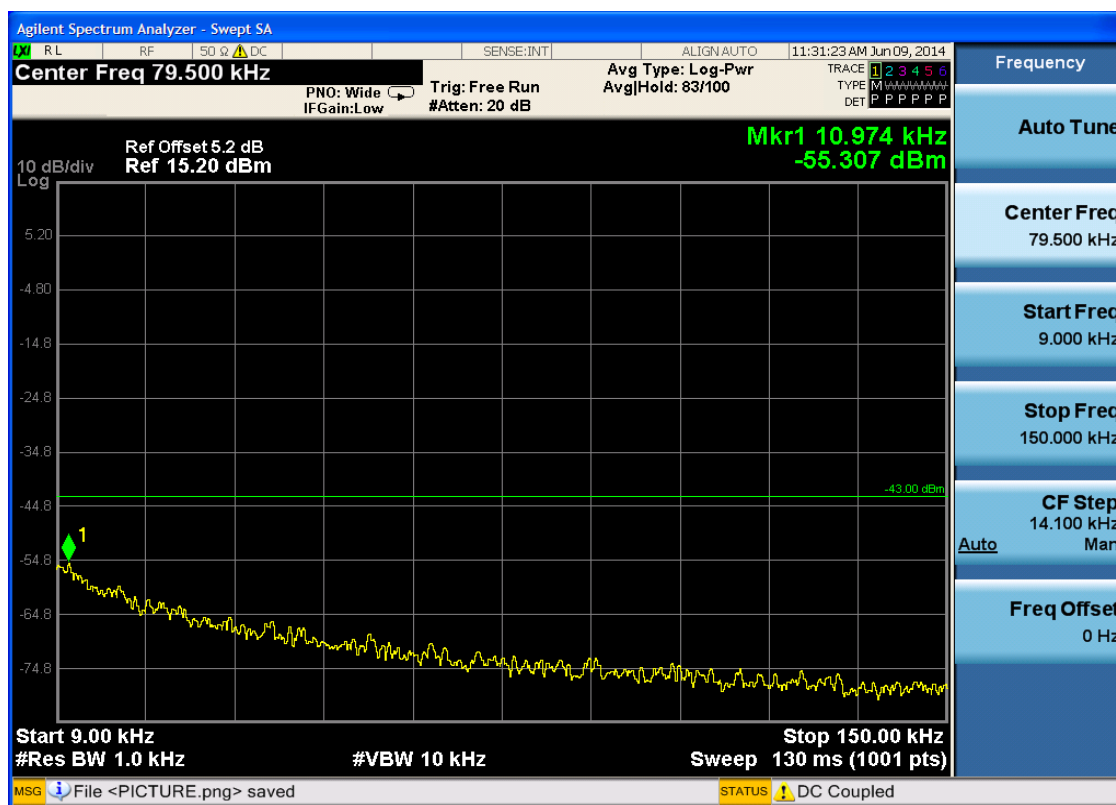


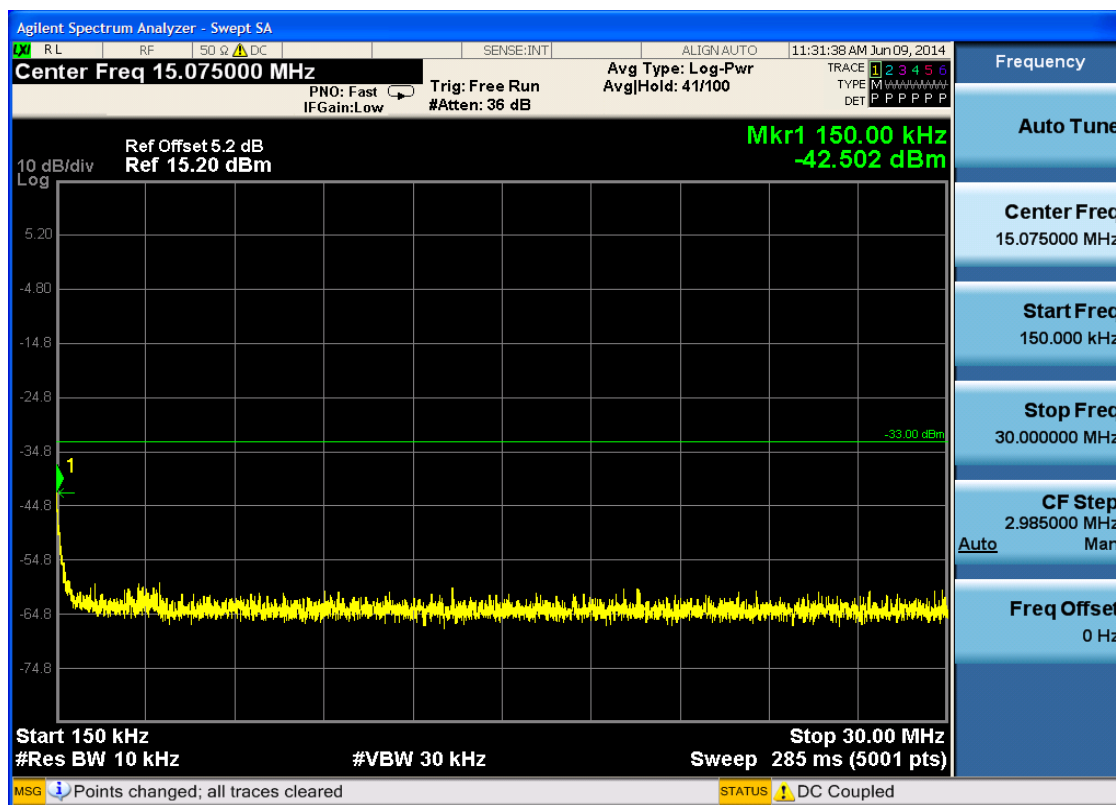


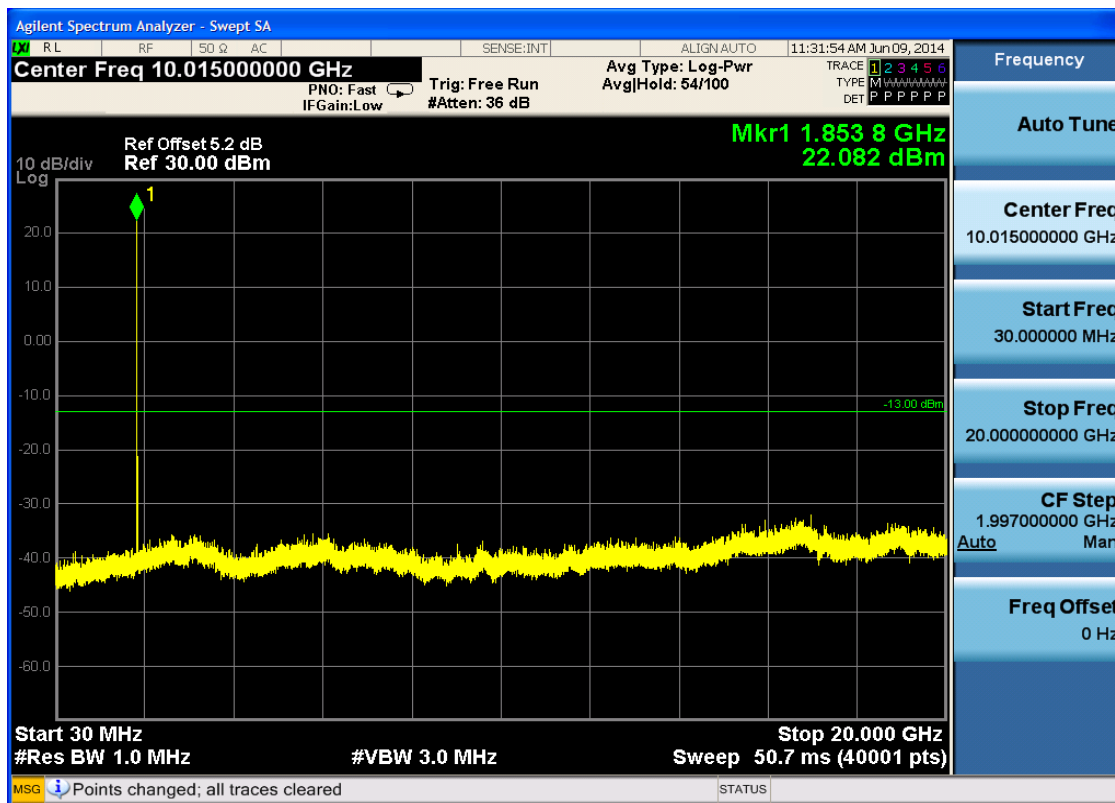
6.2.2 Test Band = WCDMA1900

6.2.2.1 Test Mode = UMTS/TM1

6.2.2.1.1 Test Channel = LCH

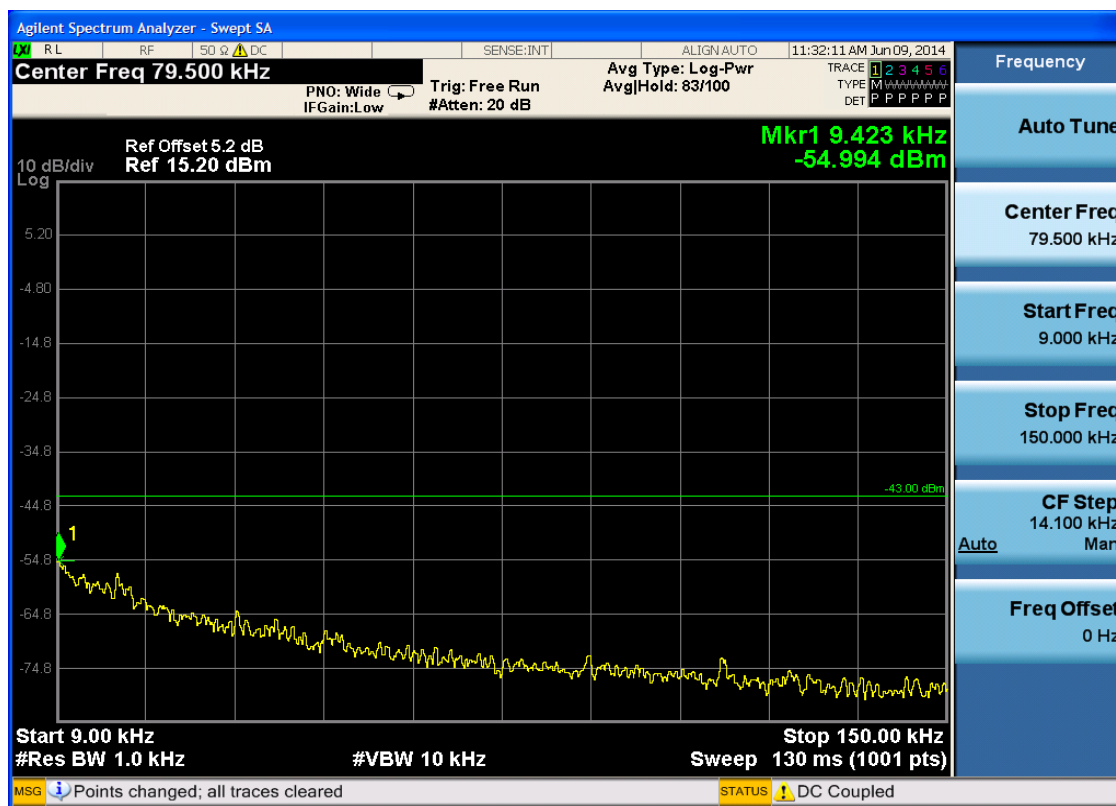


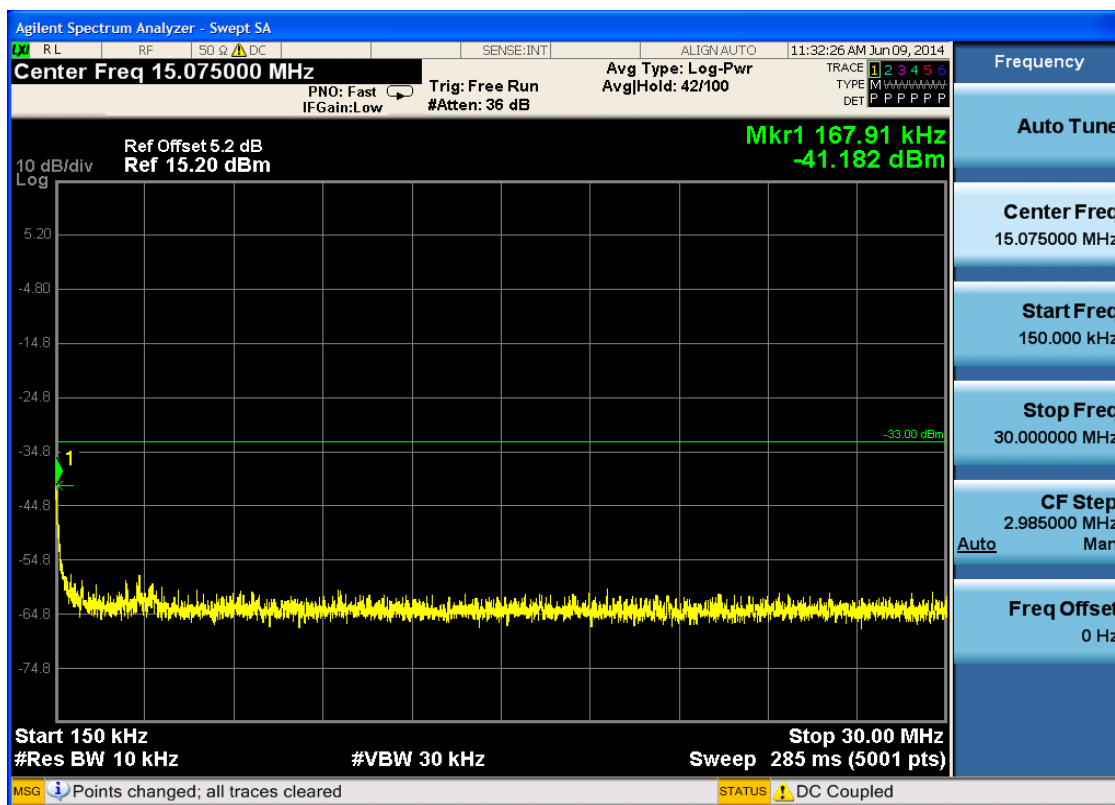


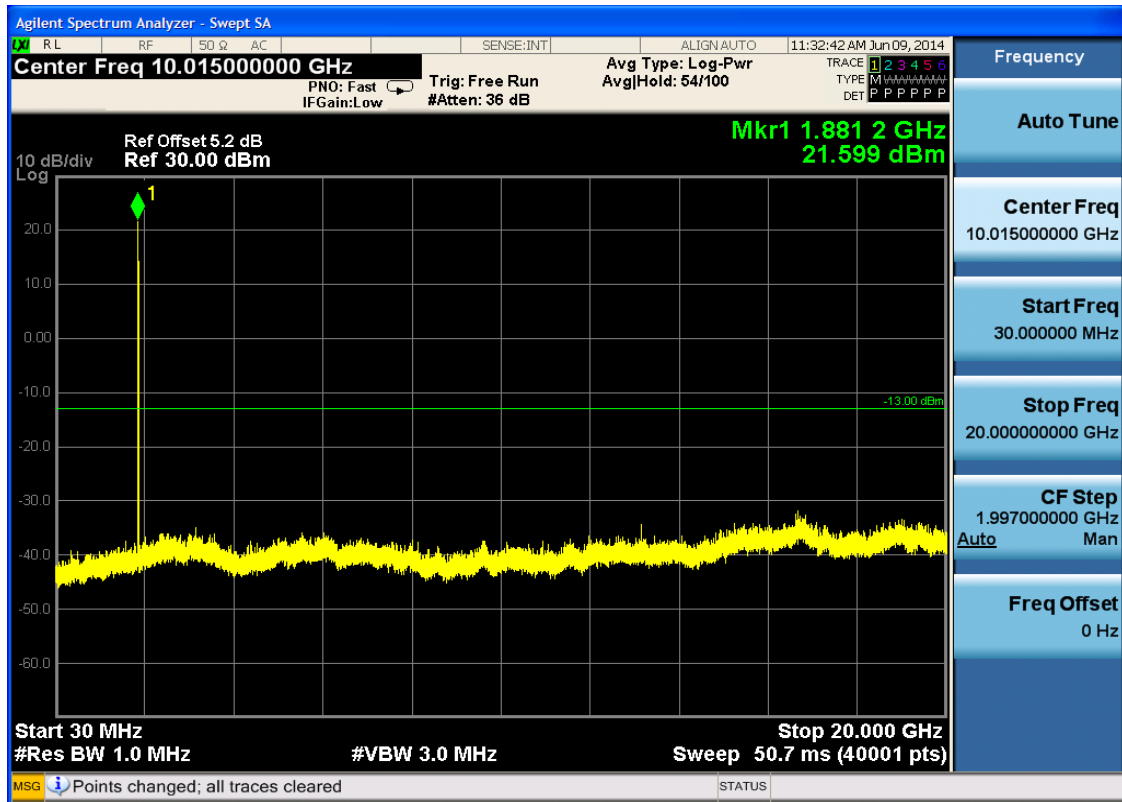


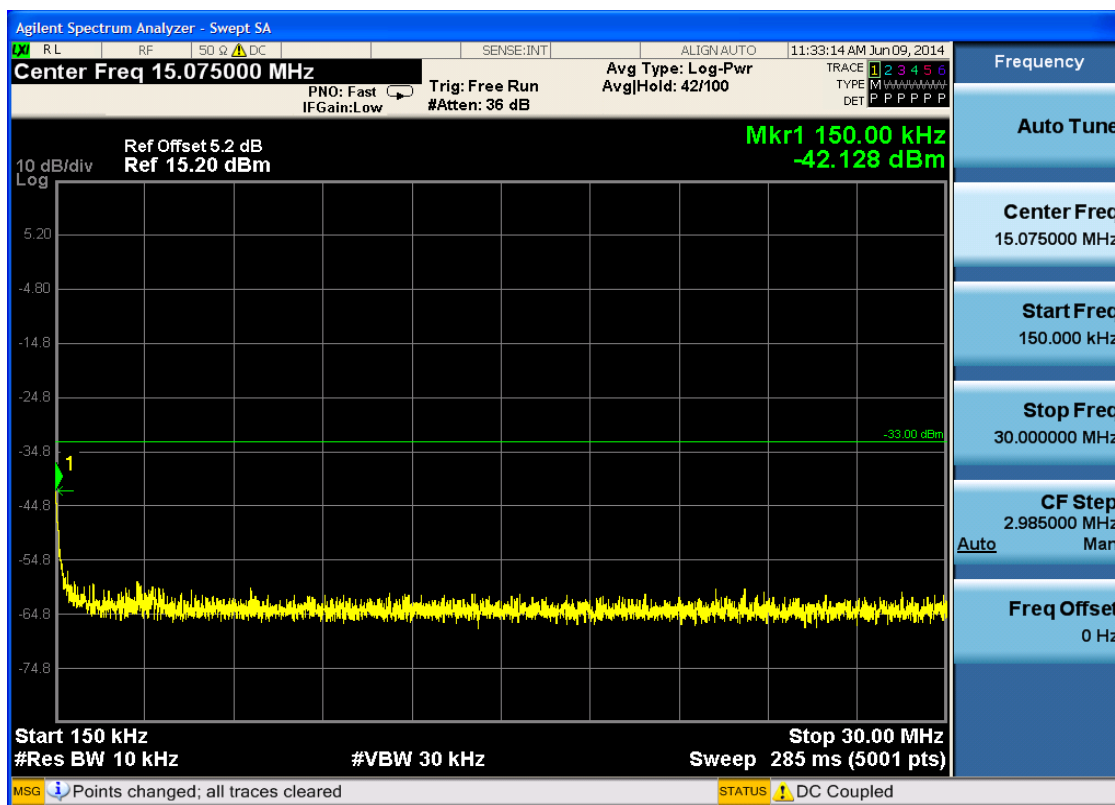


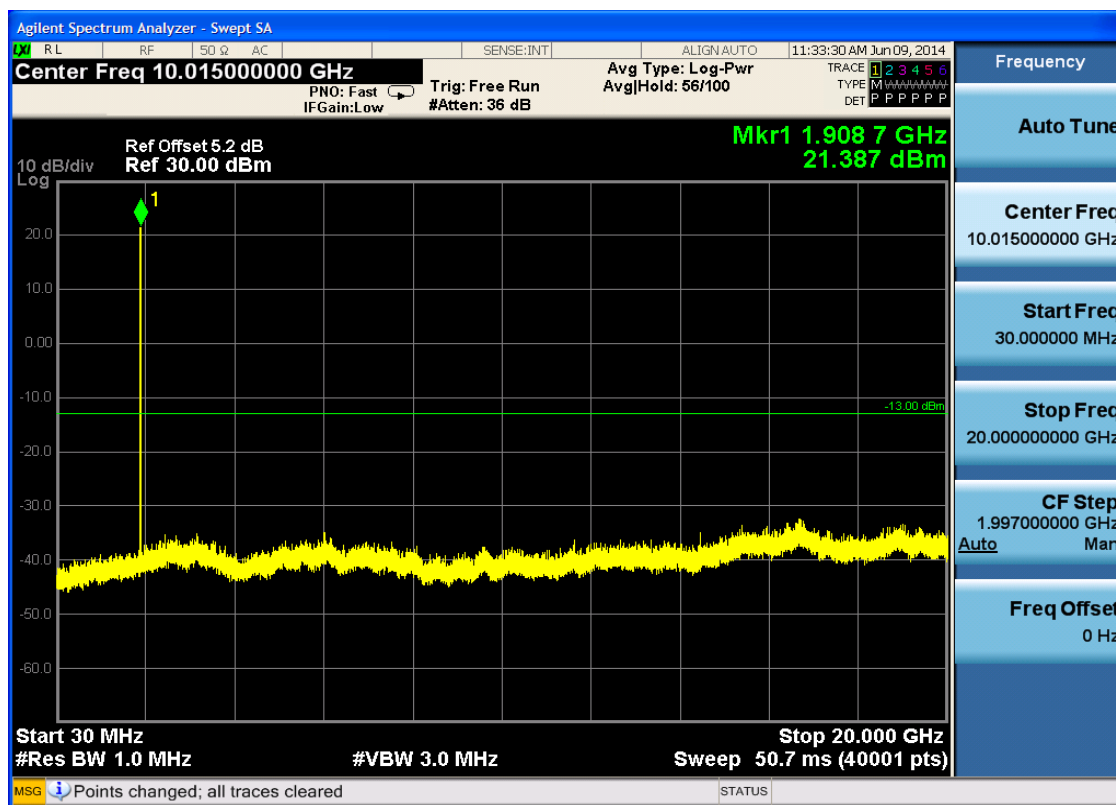
6.2.2.1.2 Test Channel = MCH











6.3 For LTE

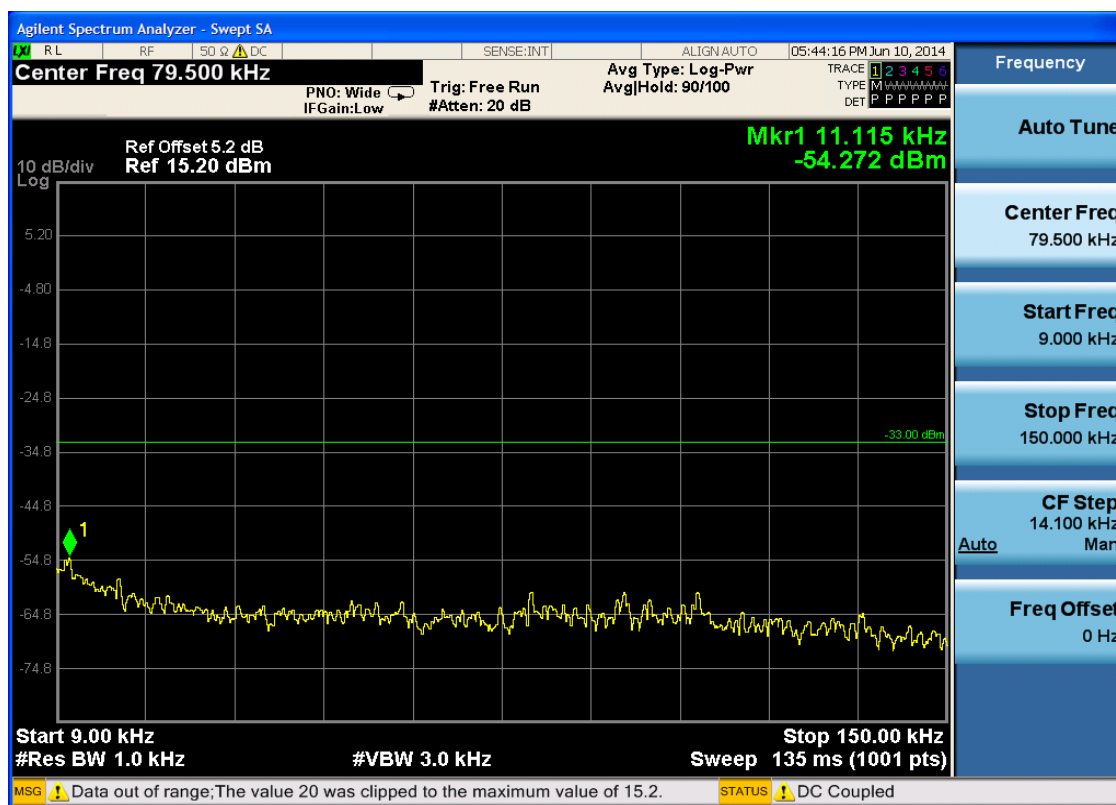
6.3.1 Test Band = BAND5

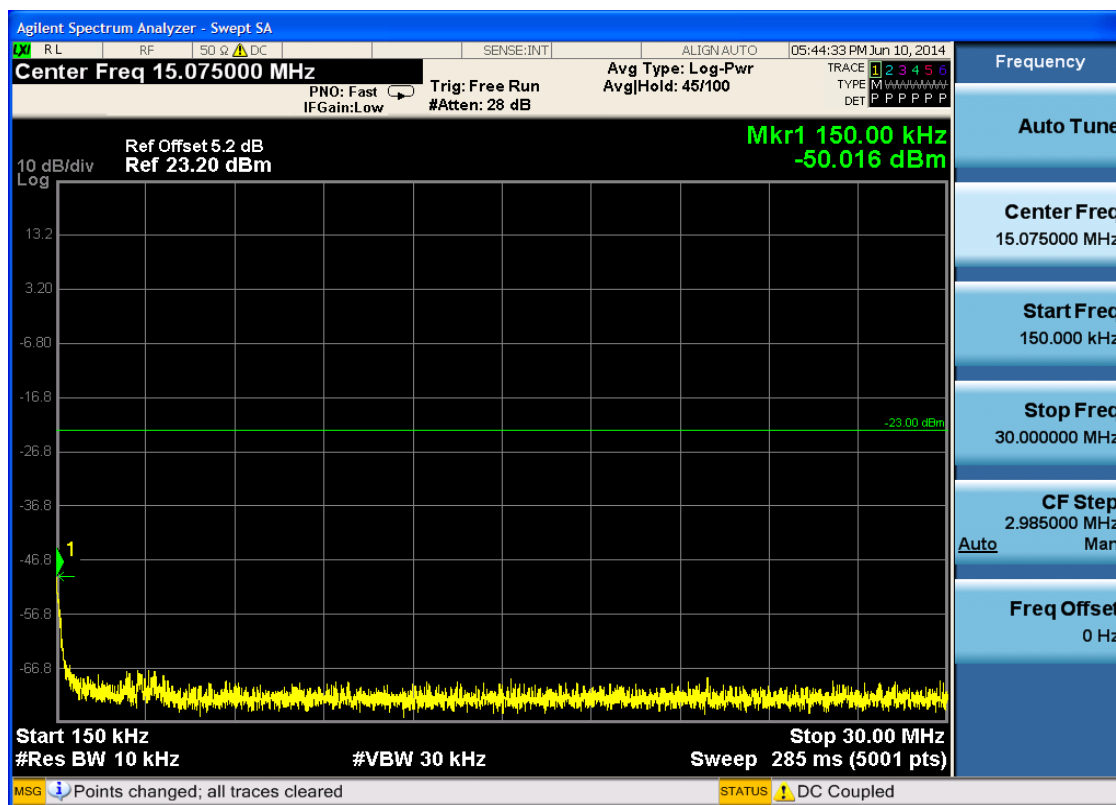
6.3.1.1 Test Mode = LTE/TM1

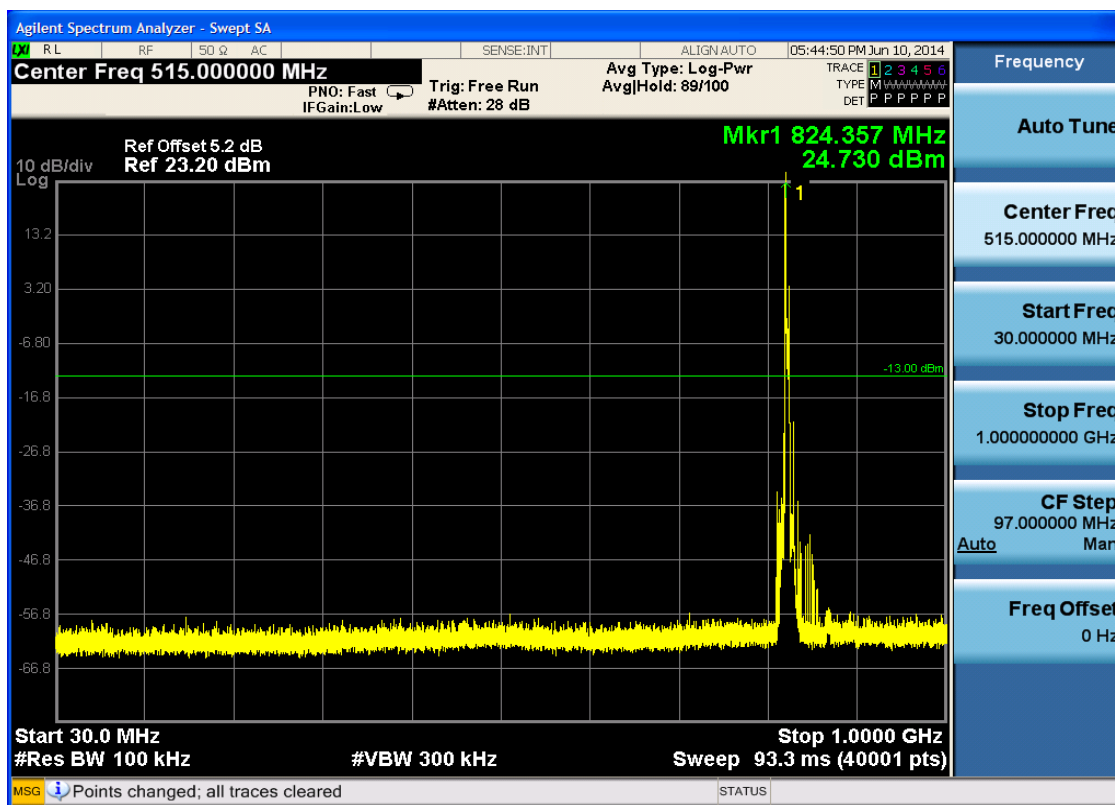
6.3.1.1.1 Test Bandwidth = 5

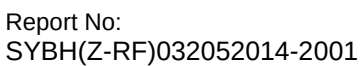
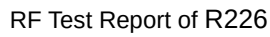
6.3.1.1.1.1 Test Channel = LCH

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

