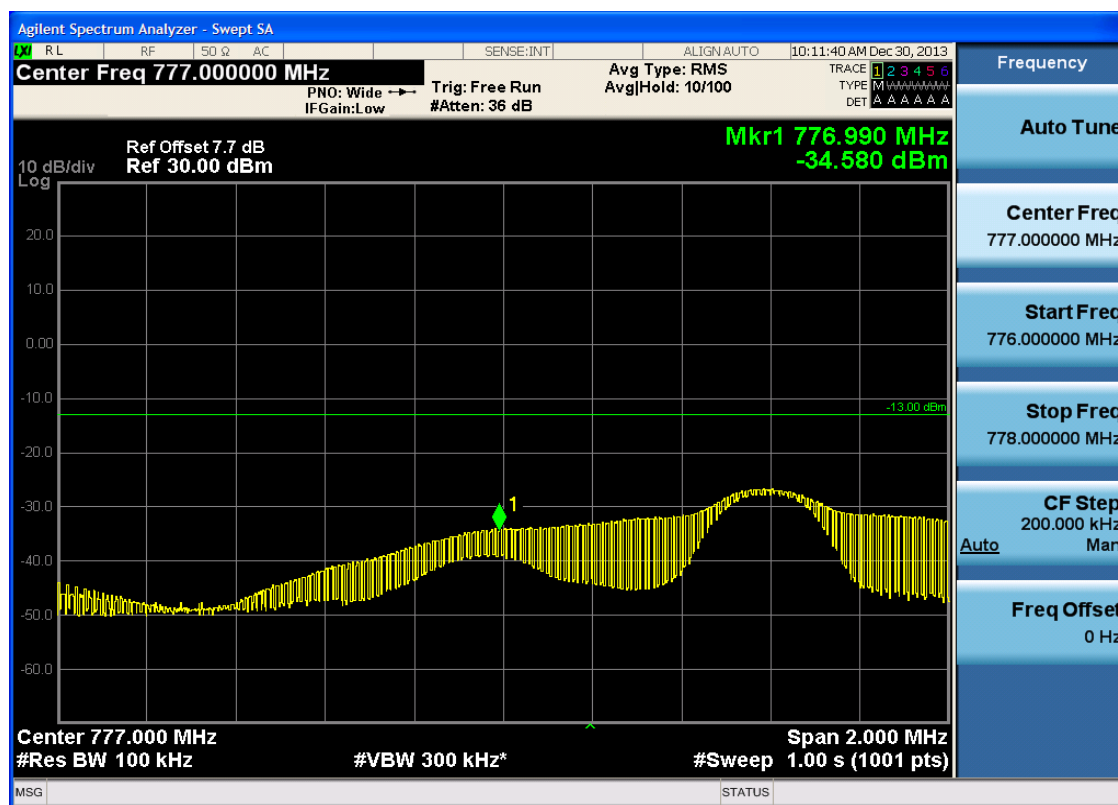


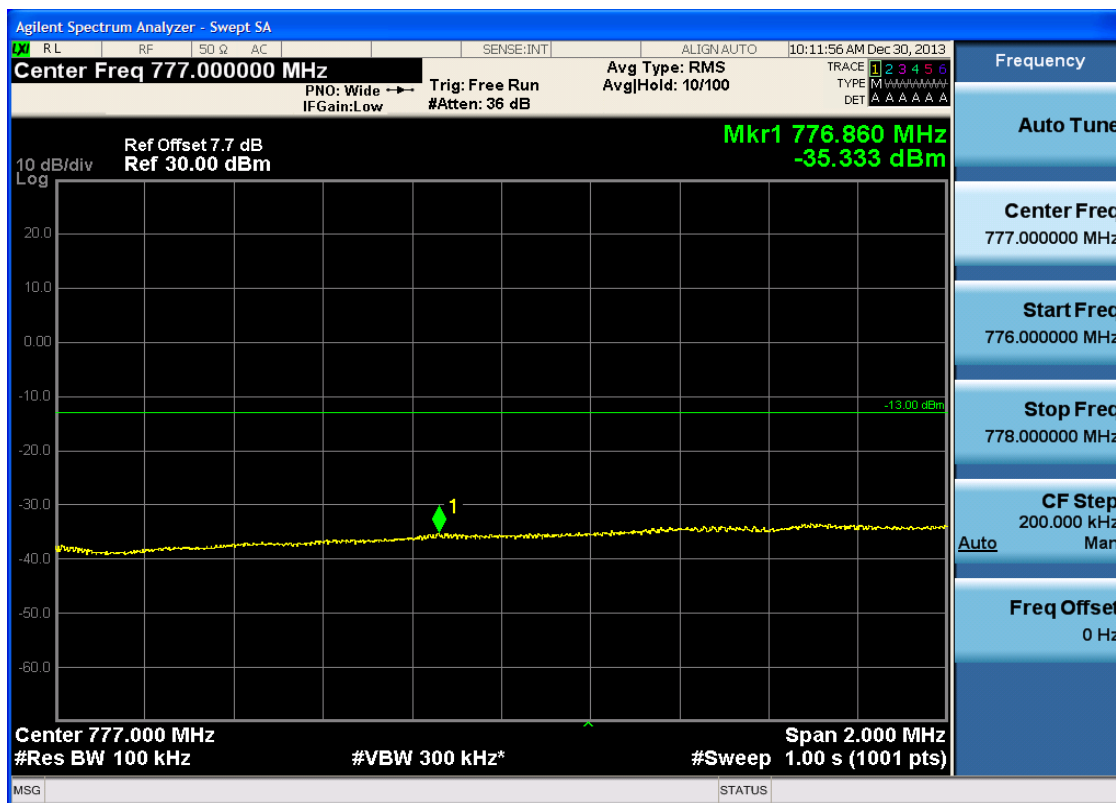


5.1.7.2.2.2 Test RB = RB1#49



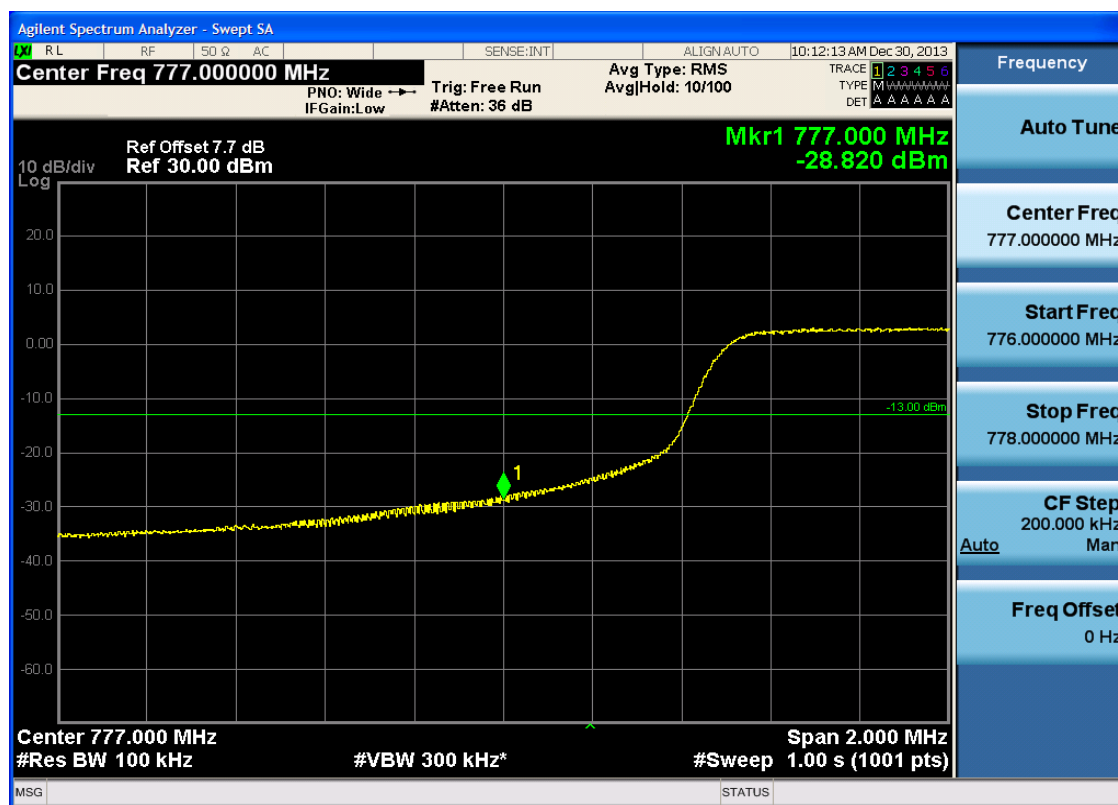


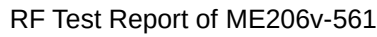
5.1.7.2.2.3 Test RB = RB25#13





5.1.7.2.2.4 Test RB = RB50#0



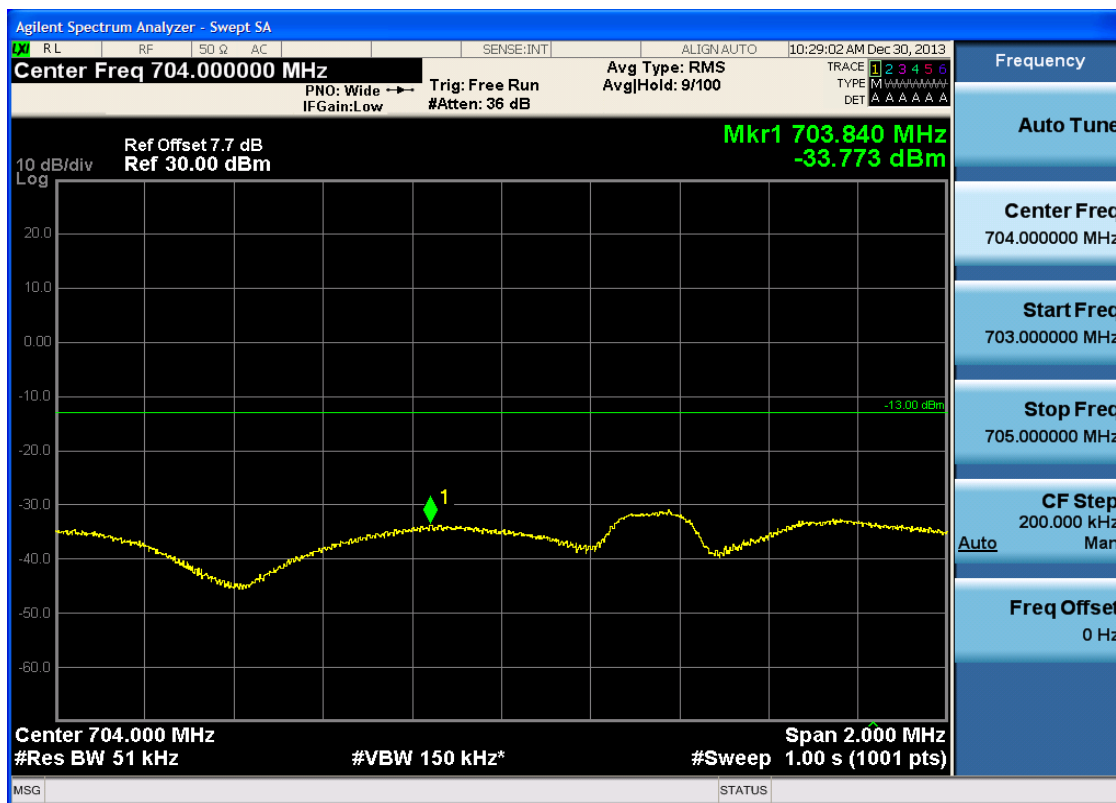


5.1.8.1.1.1.1 Test RB = RB1#0



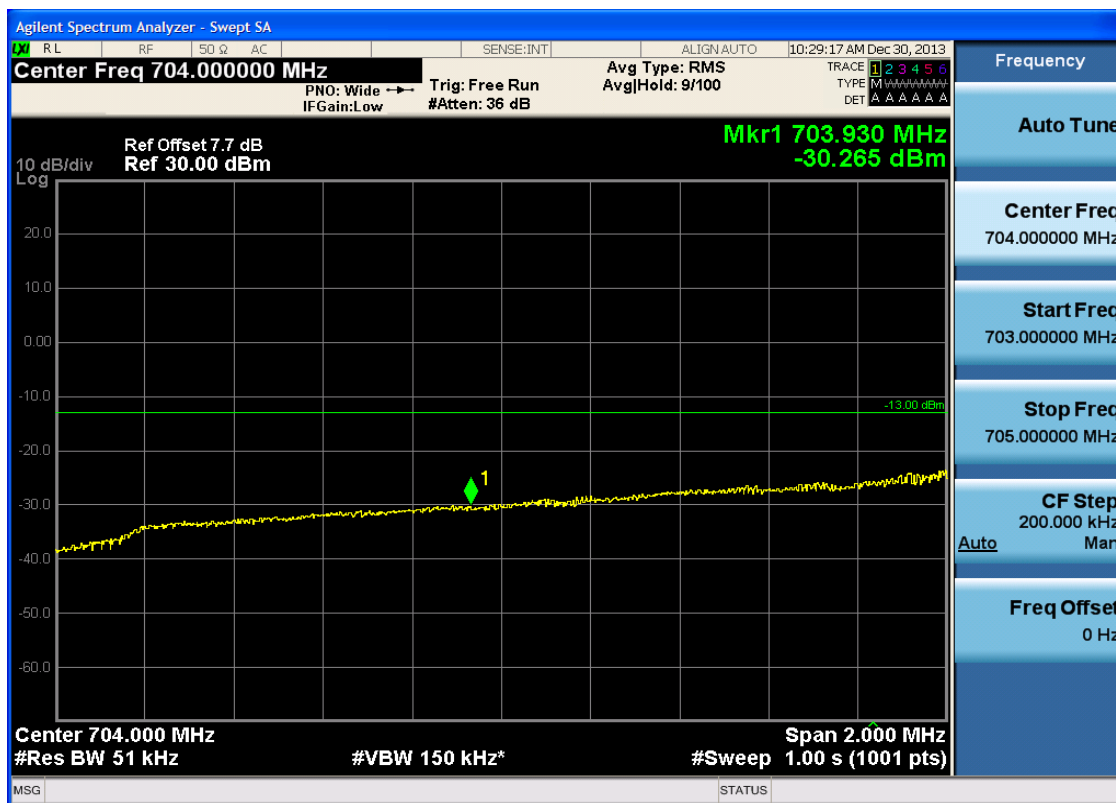


5.1.8.1.1.2 Test RB = RB1#24



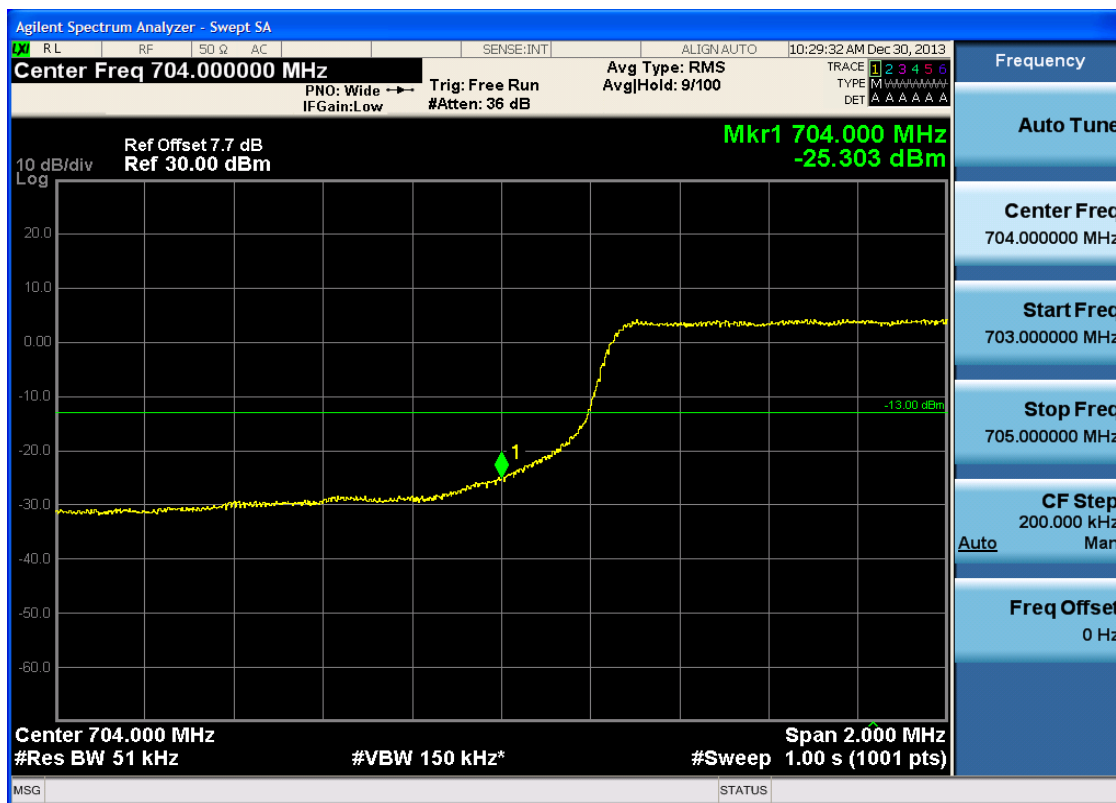


5.1.8.1.1.3 Test RB = RB12#6





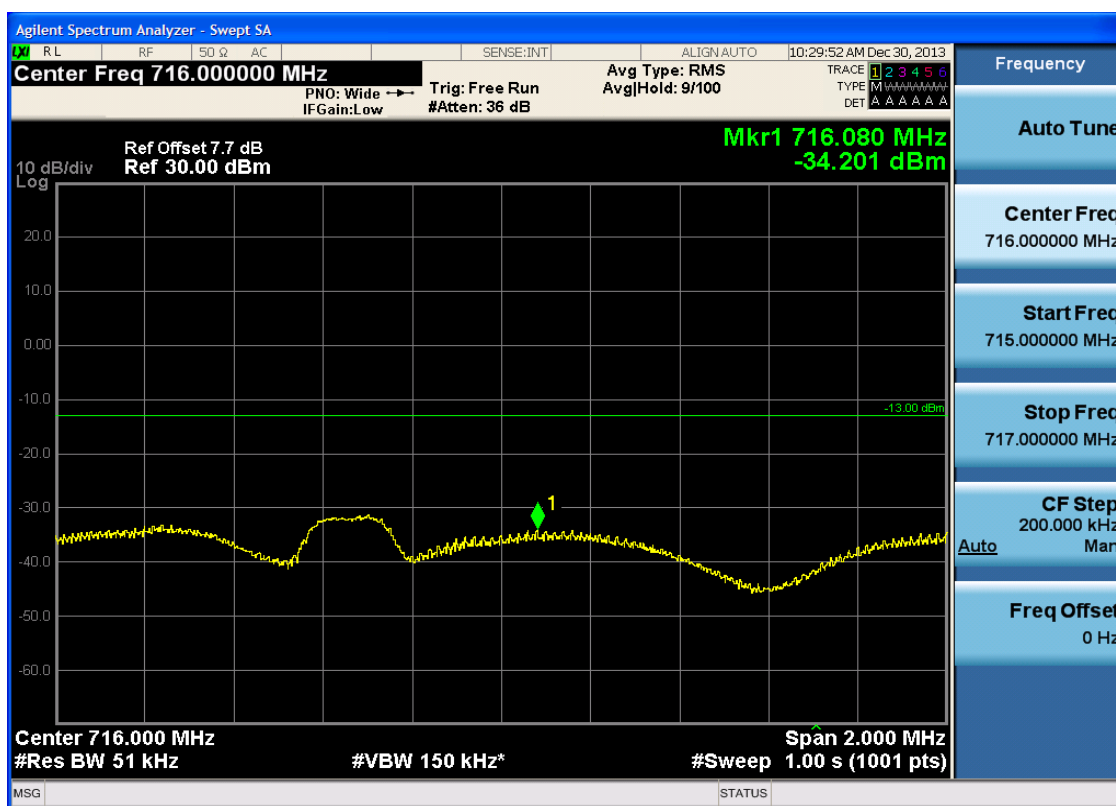
5.1.8.1.1.4 Test RB = RB25#0





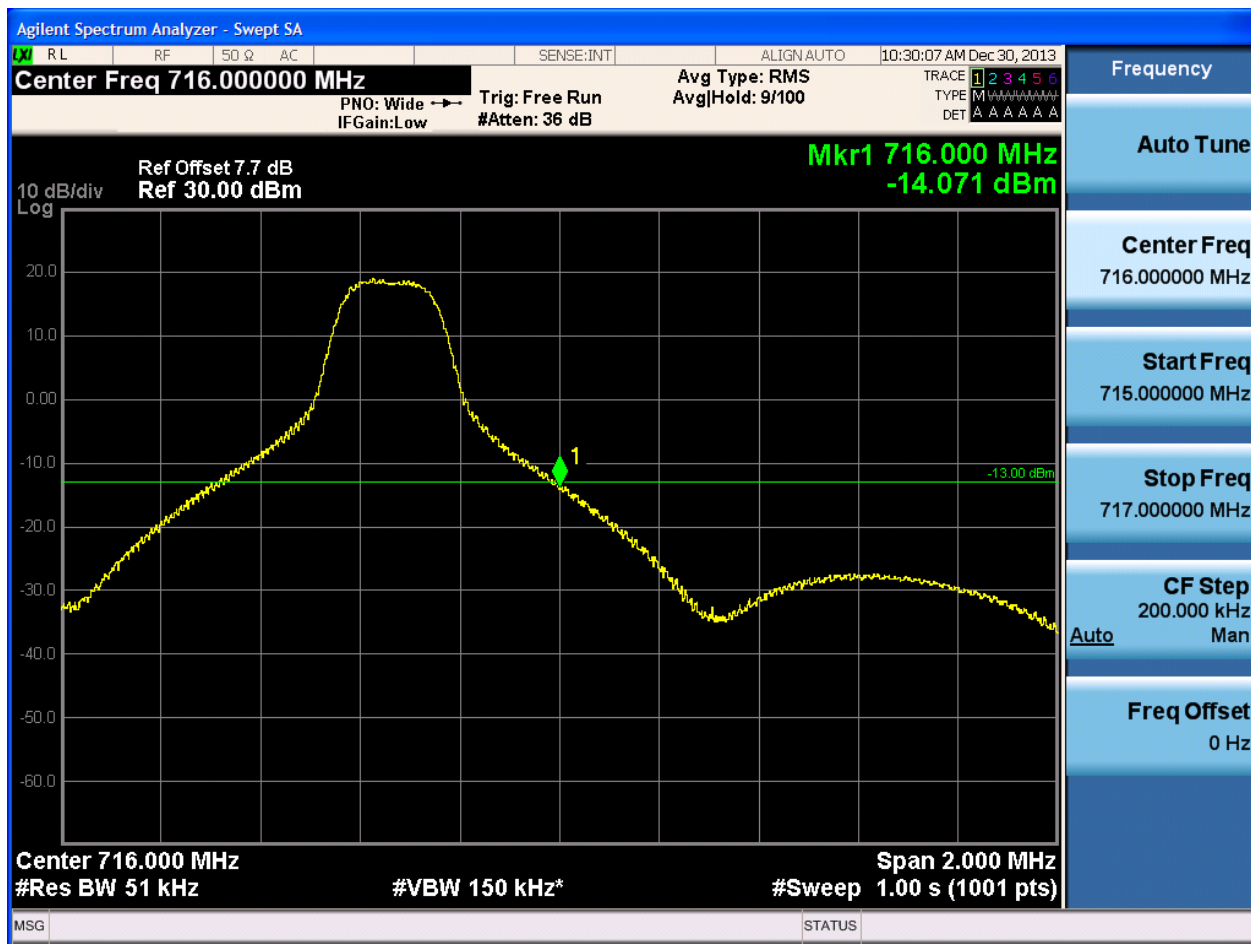
5.1.8.1.1.2 Test Channel = HCH

5.1.8.1.1.2.1 Test RB = RB1#0





5.1.8.1.1.2.2 Test RB = RB1#24





5.1.8.1.1.2.3 Test RB = RB12#6





5.1.8.1.1.2.4 Test RB = RB25#0

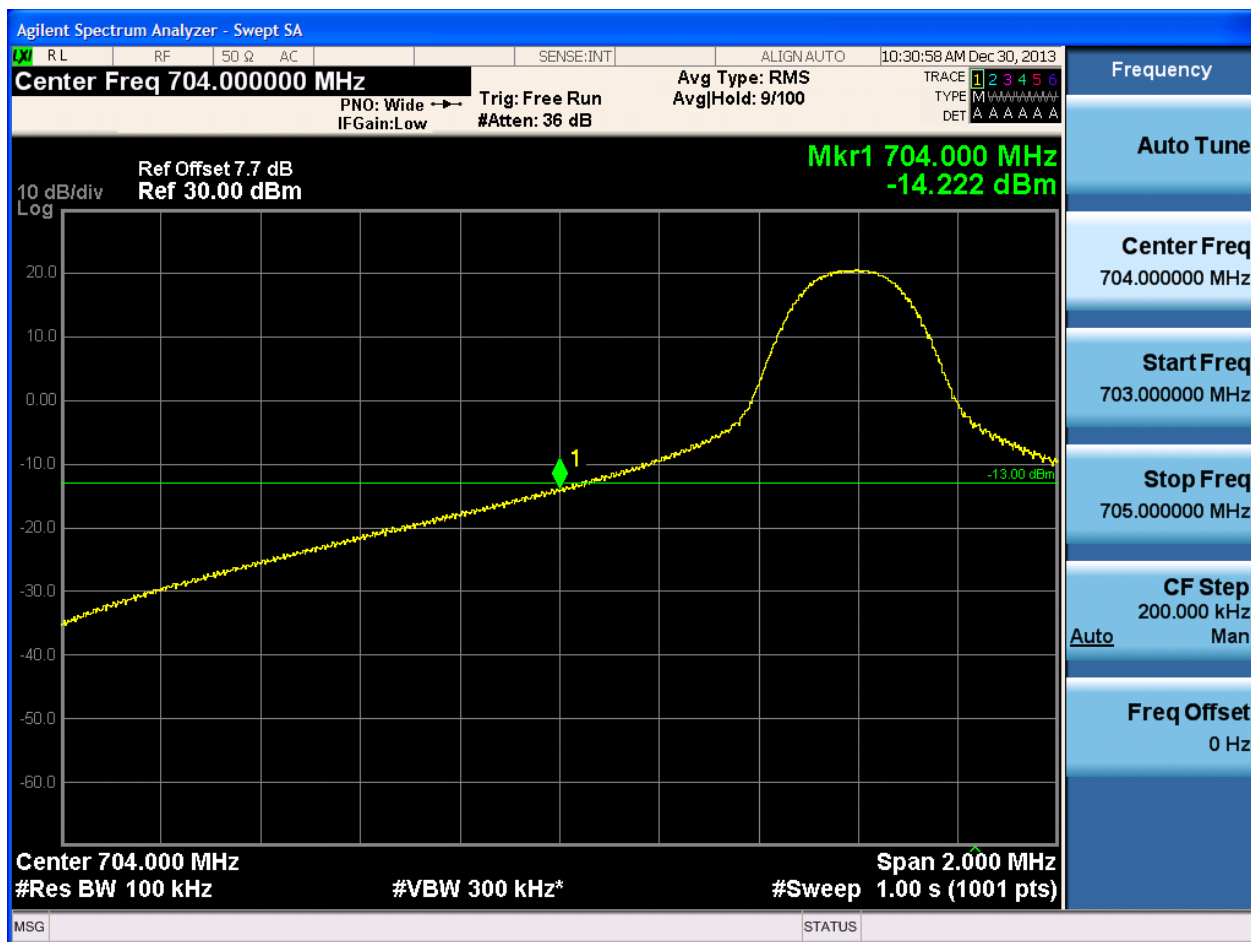




5.1.8.1.2 Test Bandwidth = 10

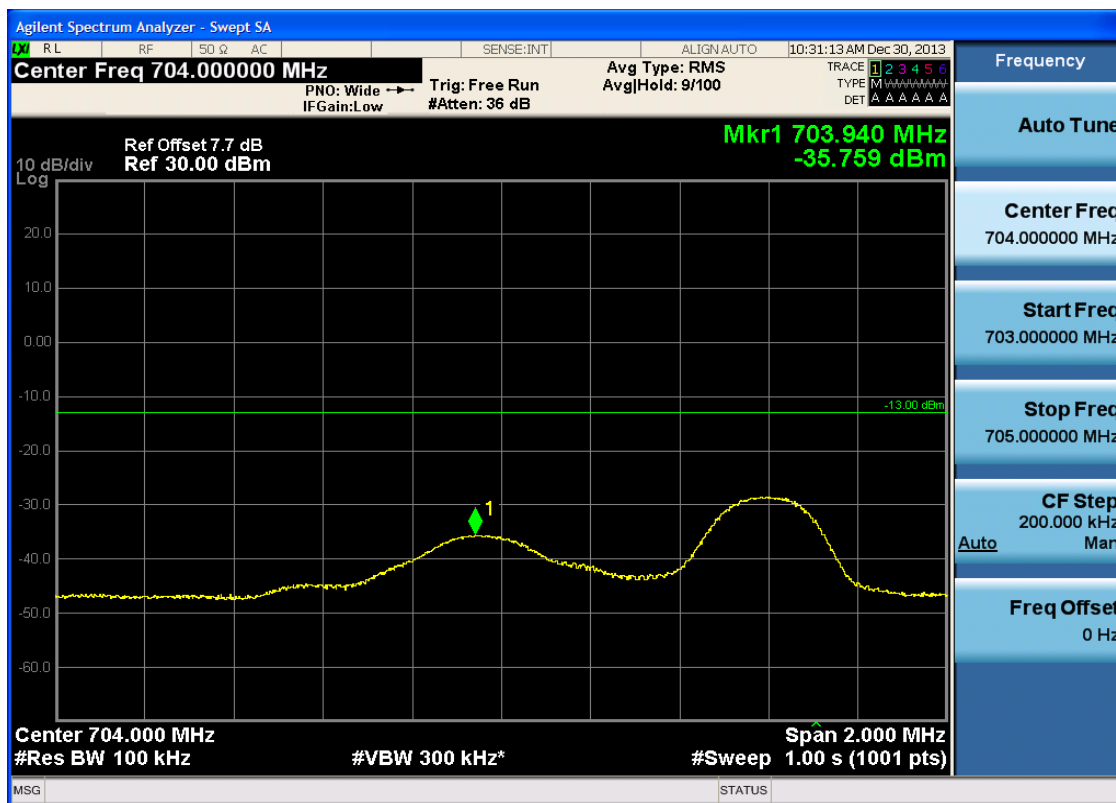
5.1.8.1.2.1 Test Channel = LCH

5.1.8.1.2.1.1 Test RB = RB1#0



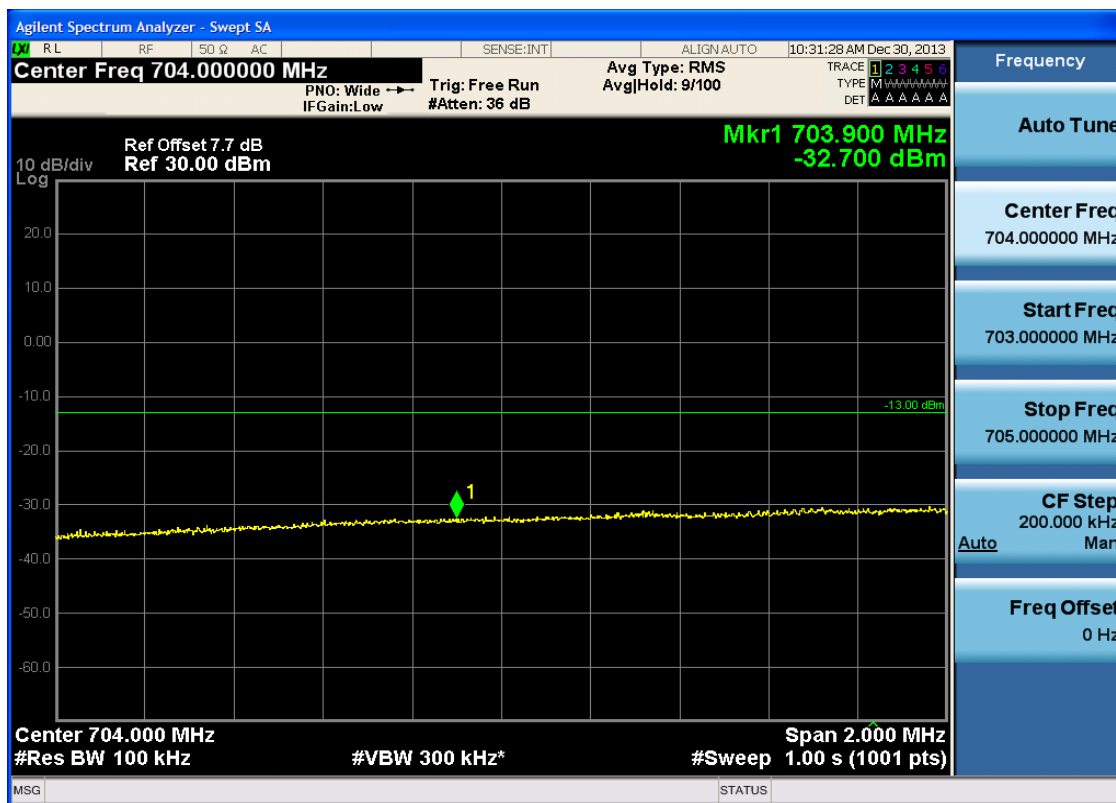


5.1.8.1.2.1.2 Test RB = RB1#49



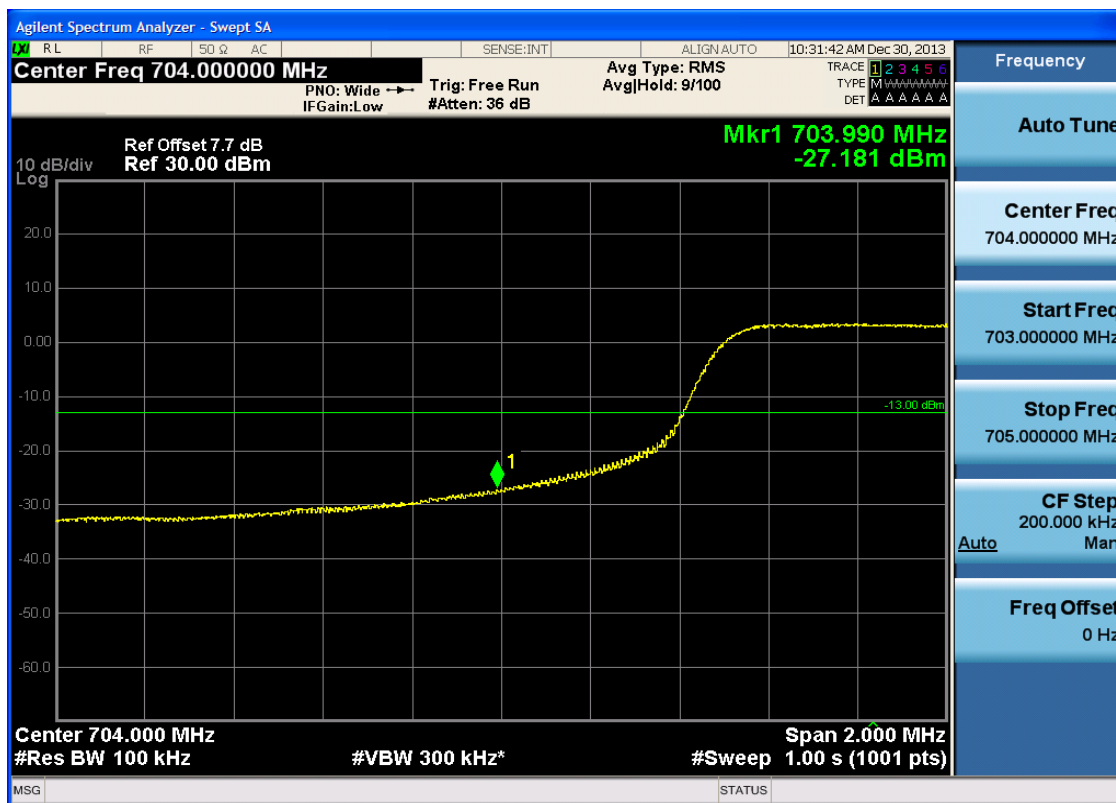


5.1.8.1.2.1.3 Test RB = RB25#13





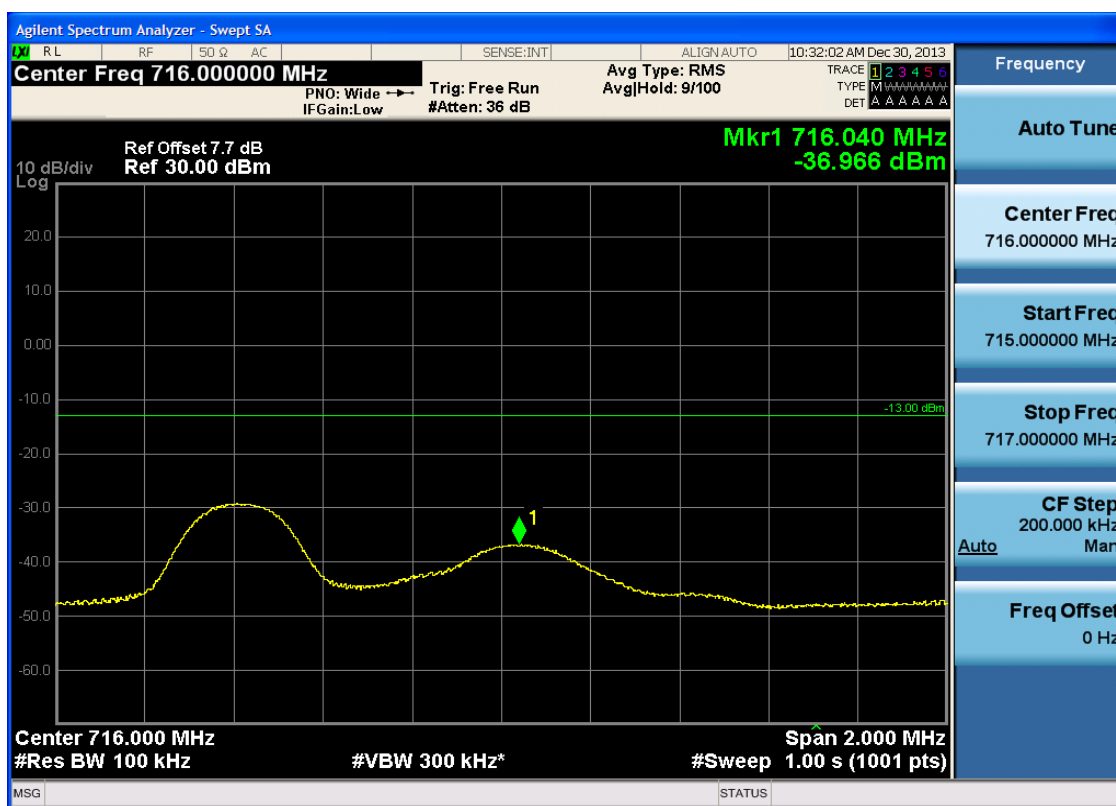
5.1.8.1.2.1.4 Test RB = RB50#0





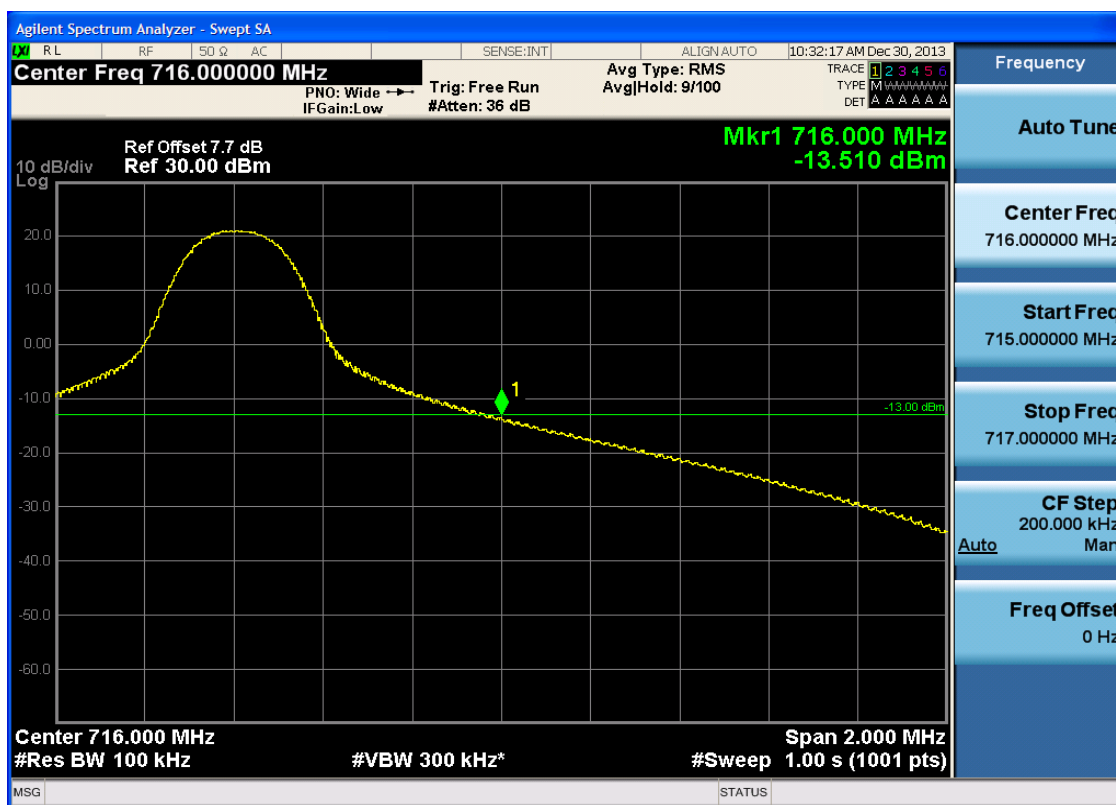
5.1.8.1.2.2 Test Channel = HCH

5.1.8.1.2.2.1 Test RB = RB1#0



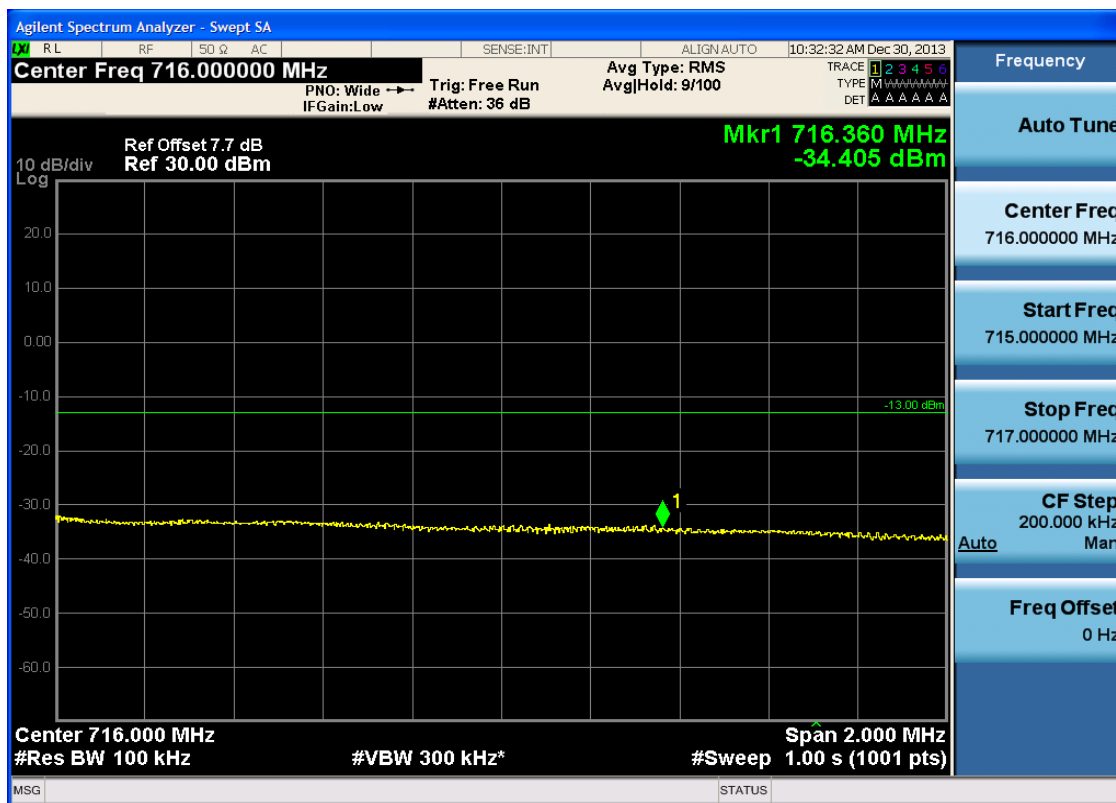


5.1.8.1.2.2 Test RB = RB1#49



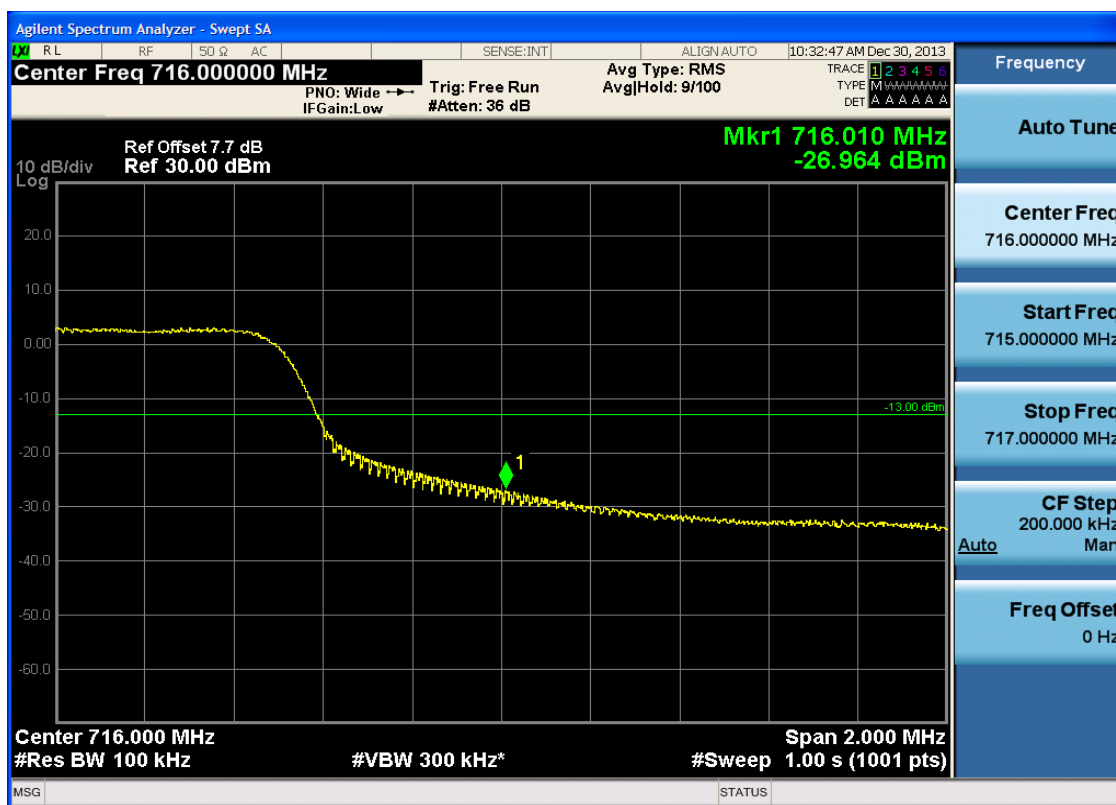


5.1.8.1.2.3 Test RB = RB25#13





5.1.8.1.2.2.4 Test RB = RB50#0

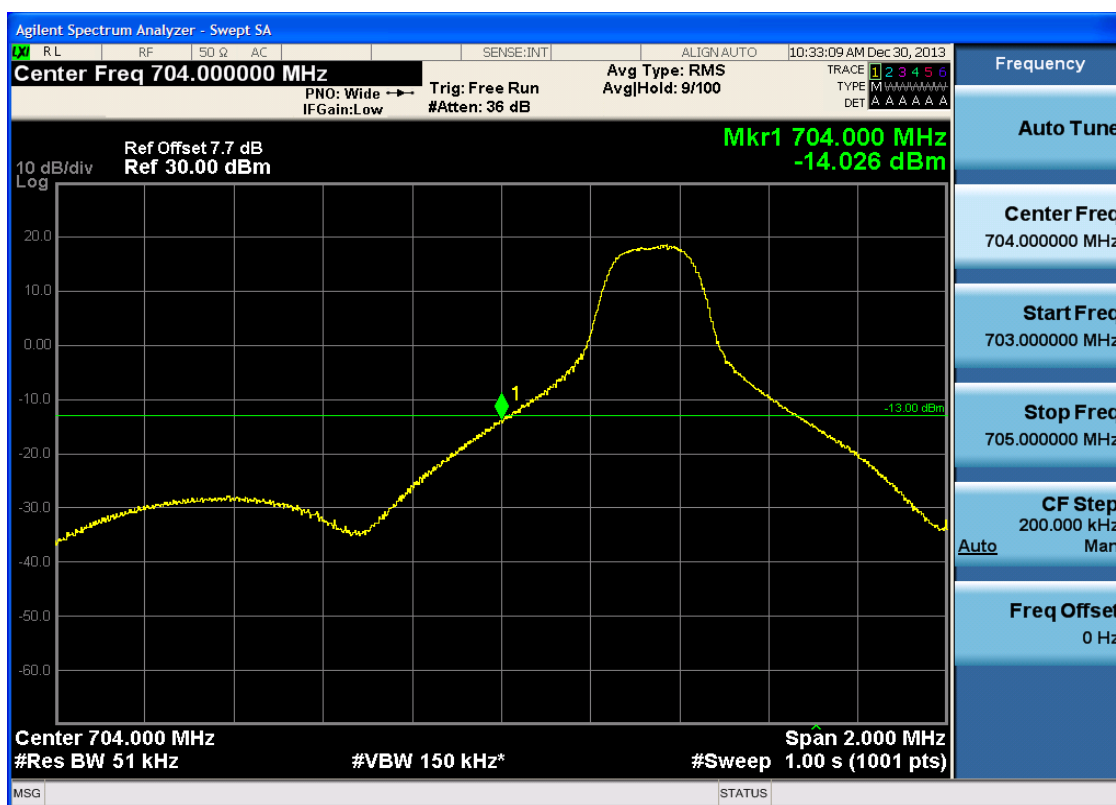


5.1.8.2 Test Mode = LTE/TM2

5.1.8.2.1 Test Bandwidth = 5

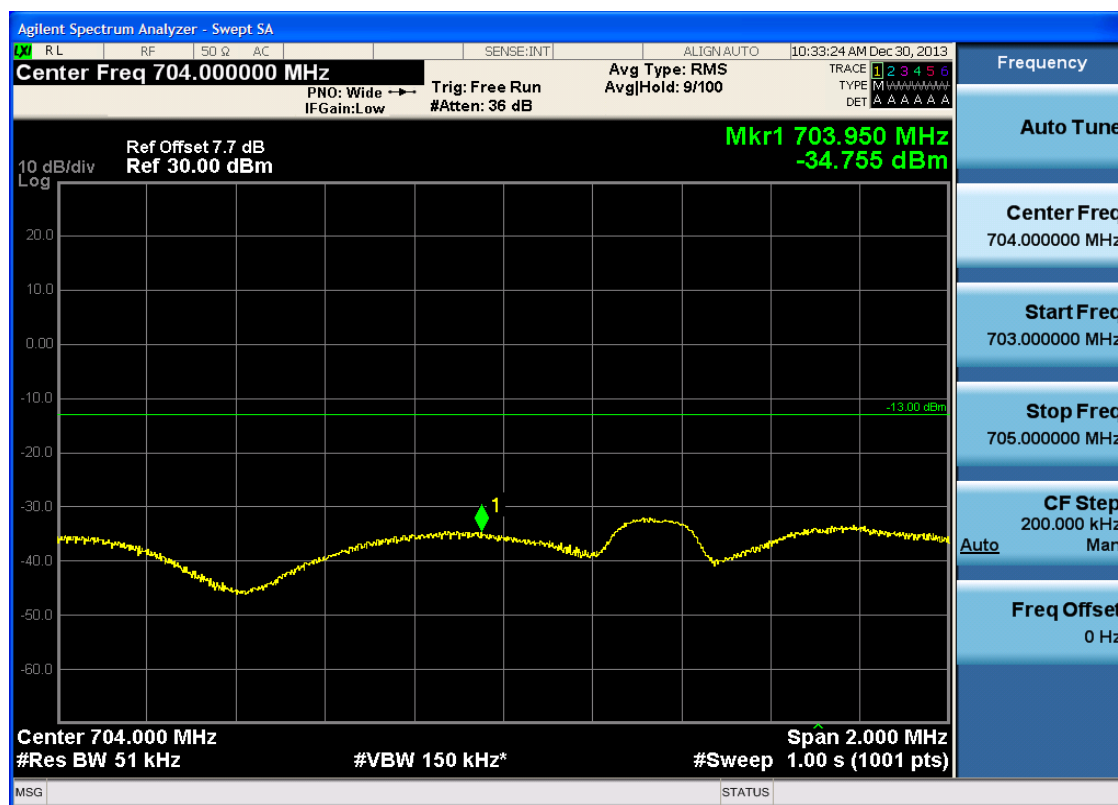
5.1.8.2.1.1 Test Channel = LCH

5.1.8.2.1.1.1 Test RB = RB1#0



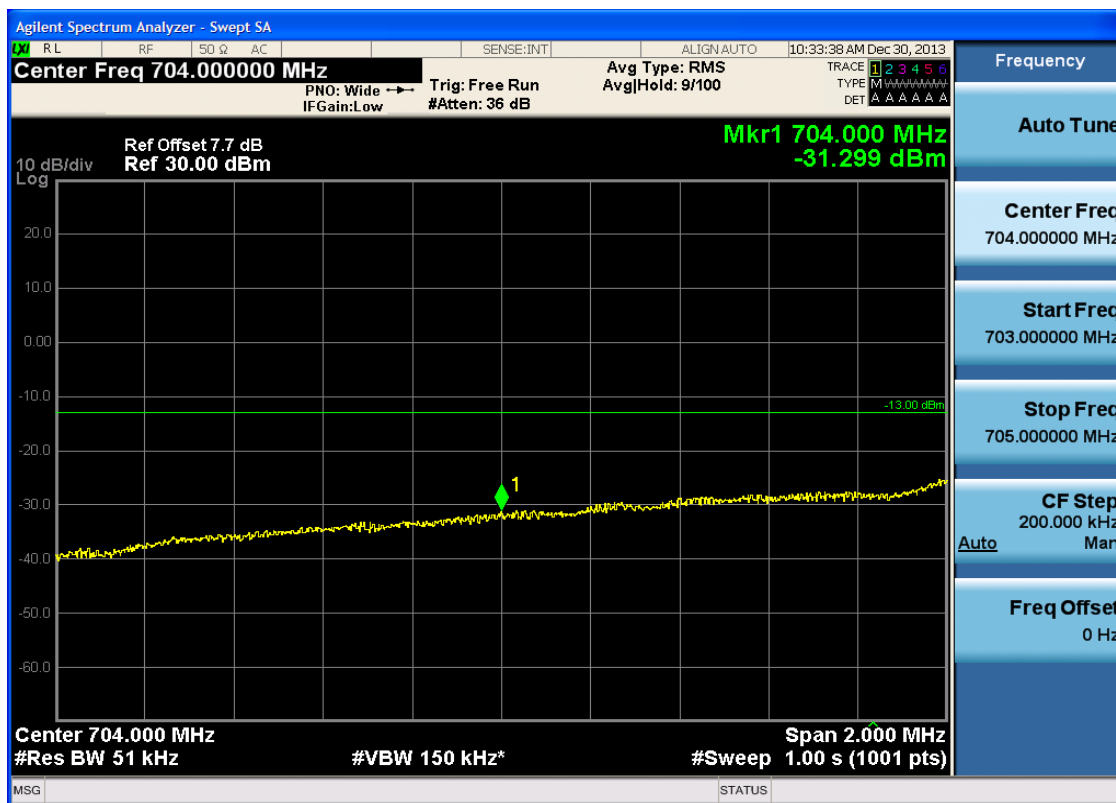


5.1.8.2.1.1.2 Test RB = RB1#24



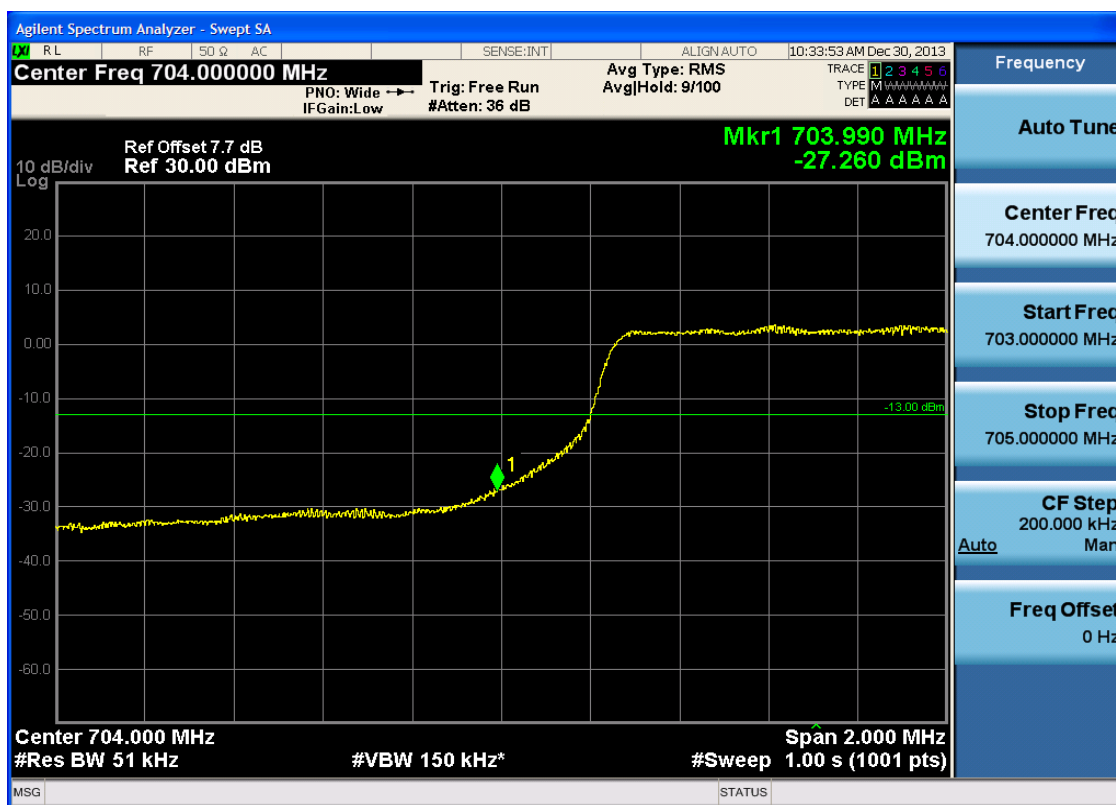


5.1.8.2.1.1.3 Test RB = RB12#6





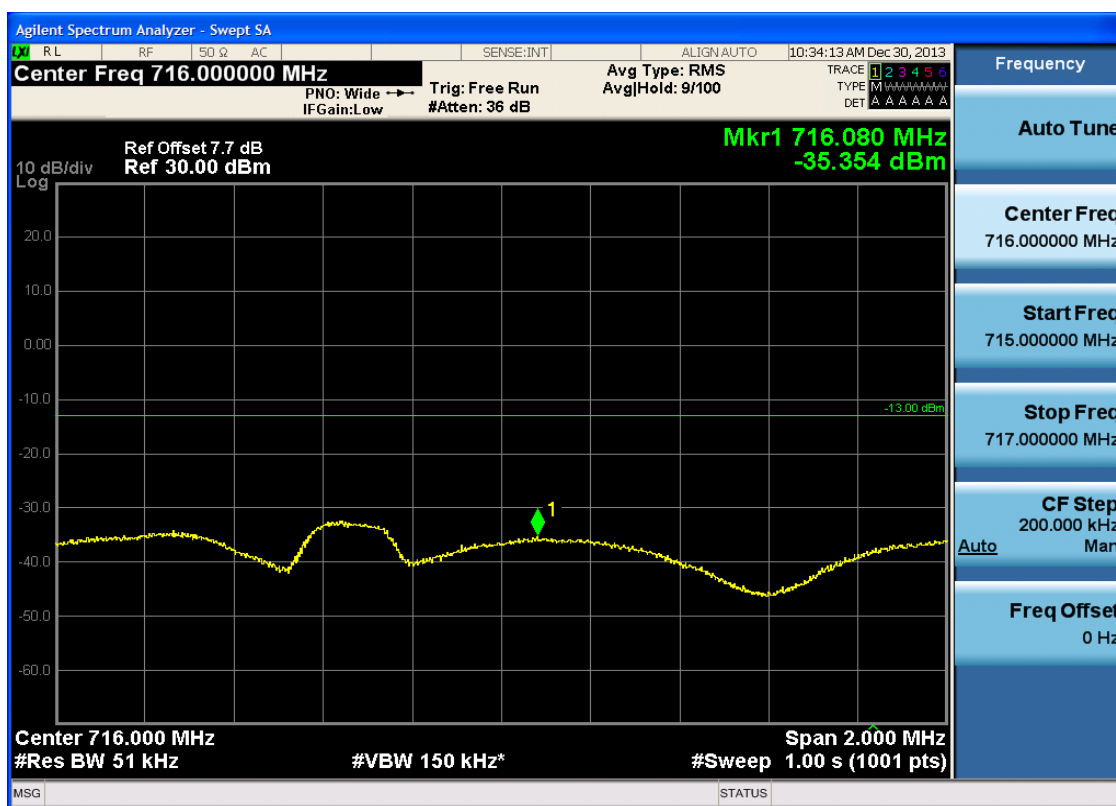
5.1.8.2.1.1.4 Test RB = RB25#0





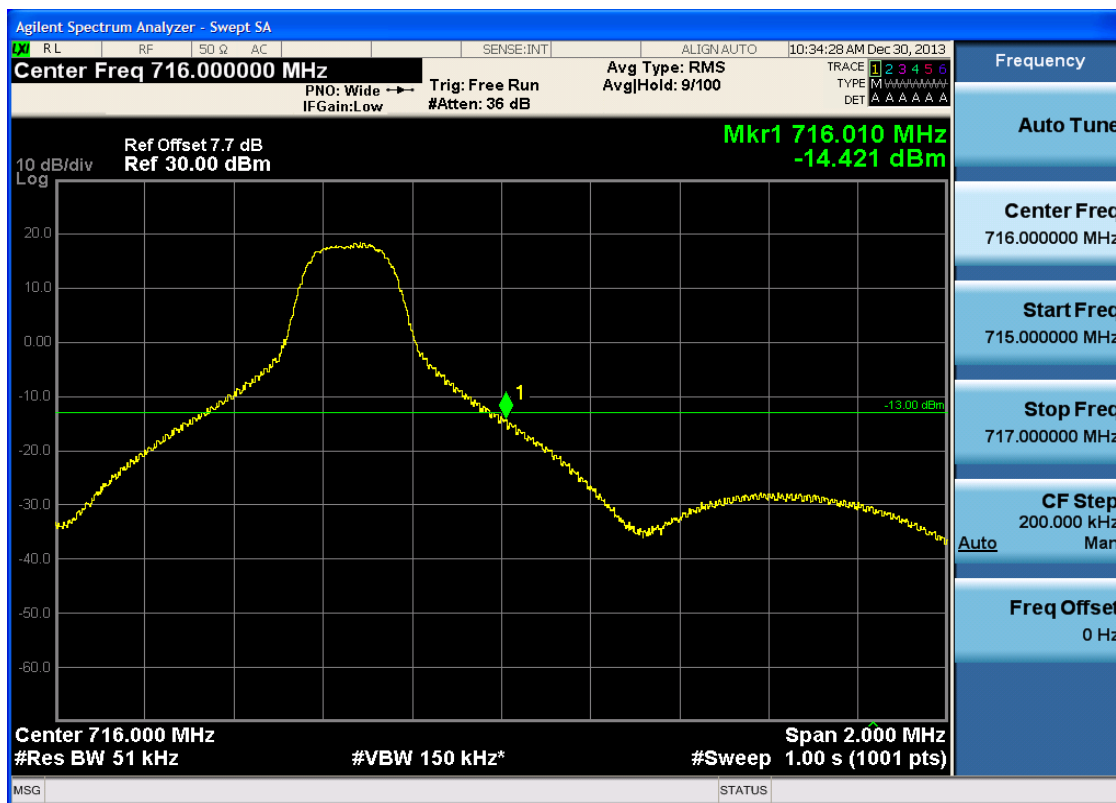
5.1.8.2.1.2 Test Channel = HCH

5.1.8.2.1.2.1 Test RB = RB1#0





5.1.8.2.1.2.2 Test RB = RB1#24





5.1.8.2.1.2.3 Test RB = RB12#6





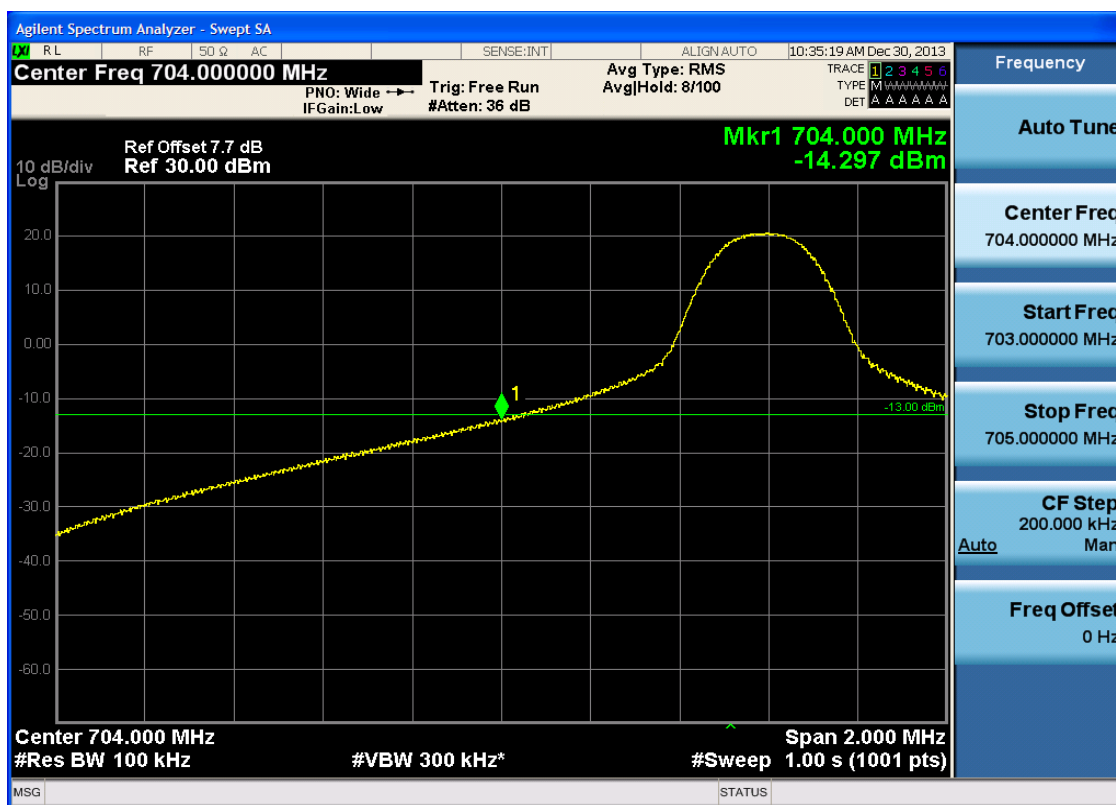
5.1.8.2.1.2.4 Test RB = RB25#0



5.1.8.2.2 Test Bandwidth = 10

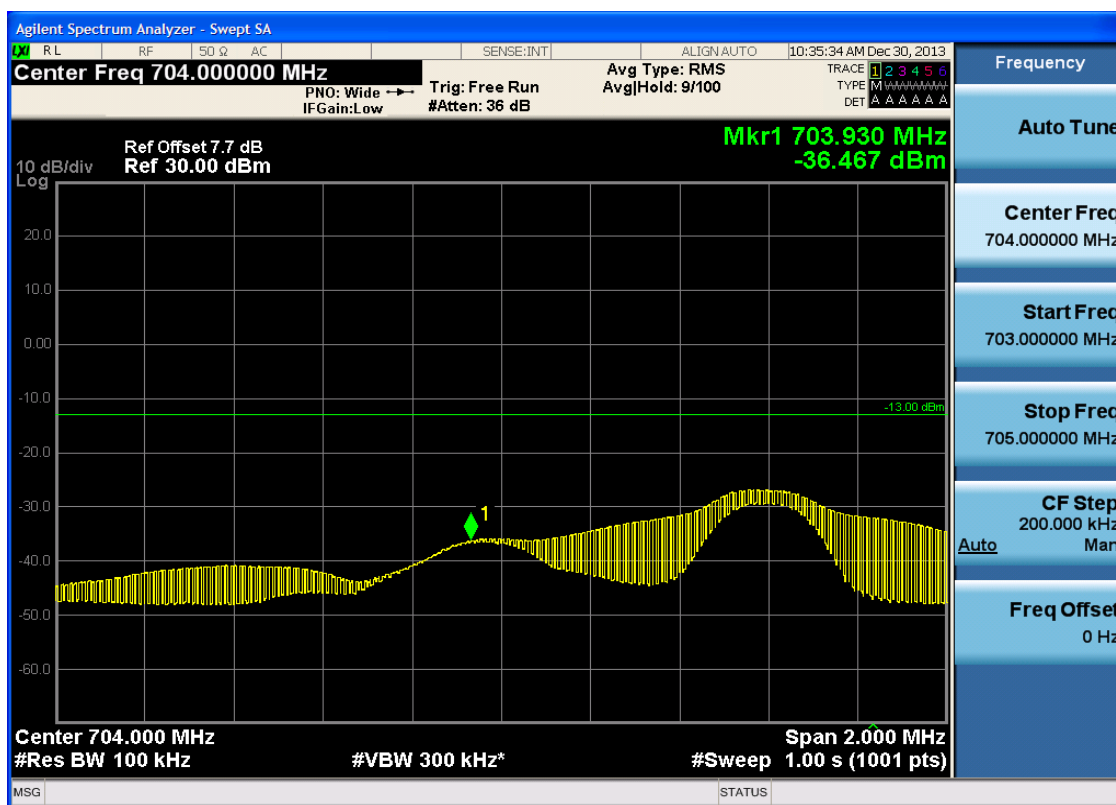
5.1.8.2.2.1 Test Channel = LCH

5.1.8.2.2.1.1 Test RB = RB1#0



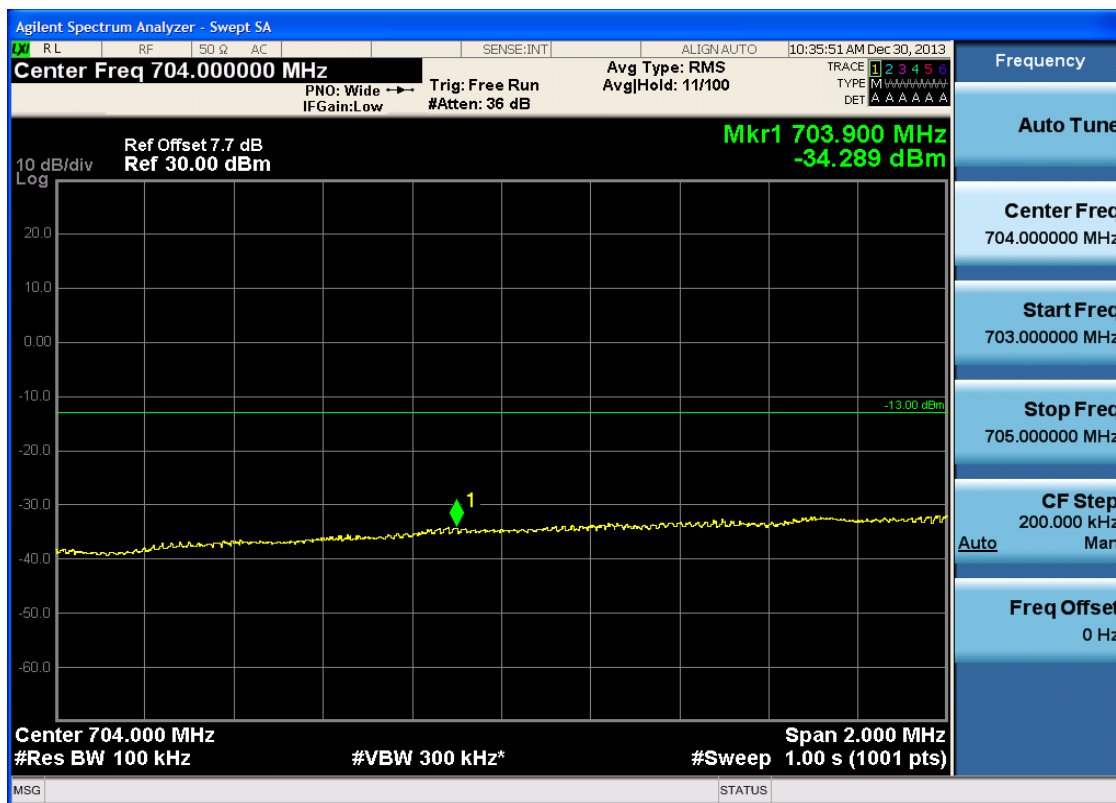


5.1.8.2.2.1.2 Test RB = RB1#49



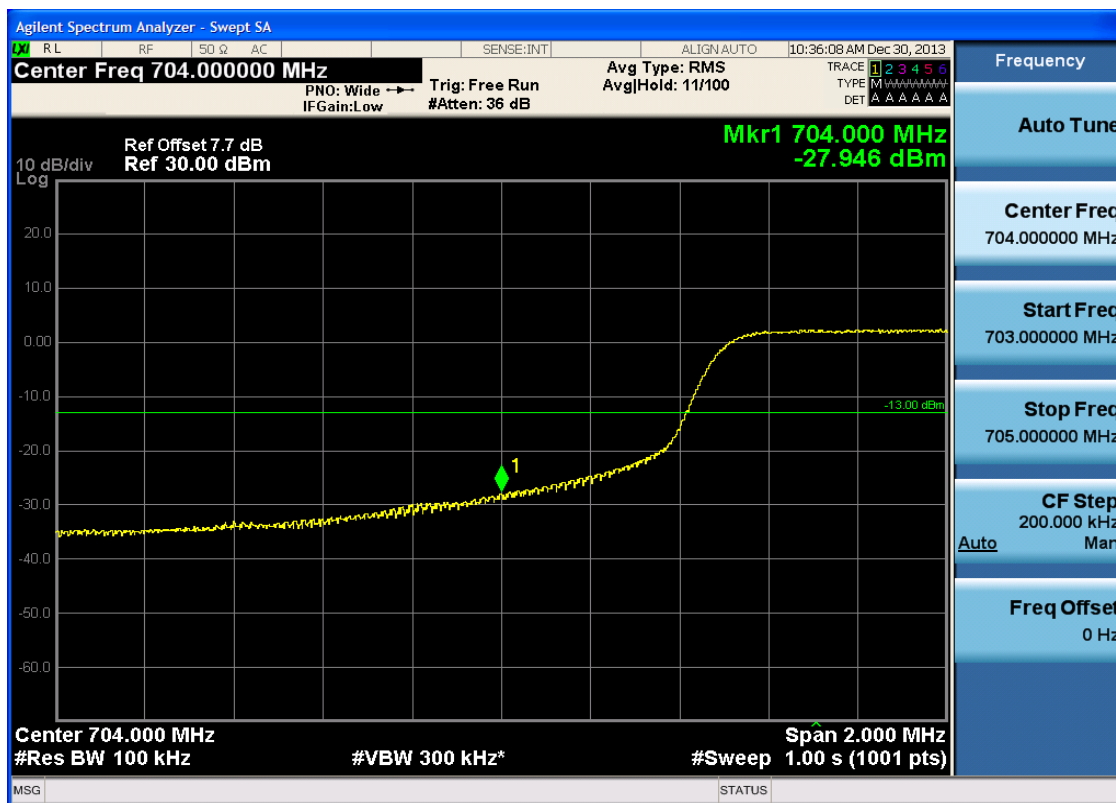


5.1.8.2.2.1.3 Test RB = RB25#13



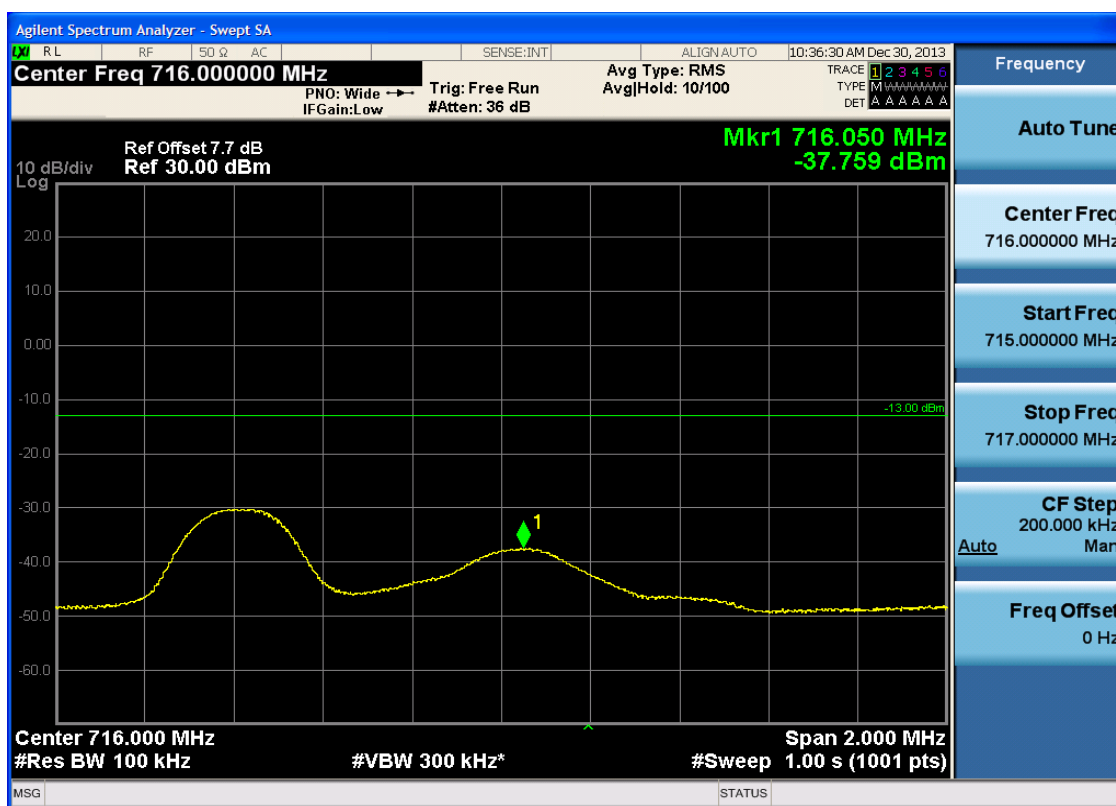


5.1.8.2.2.1.4 Test RB = RB50#0



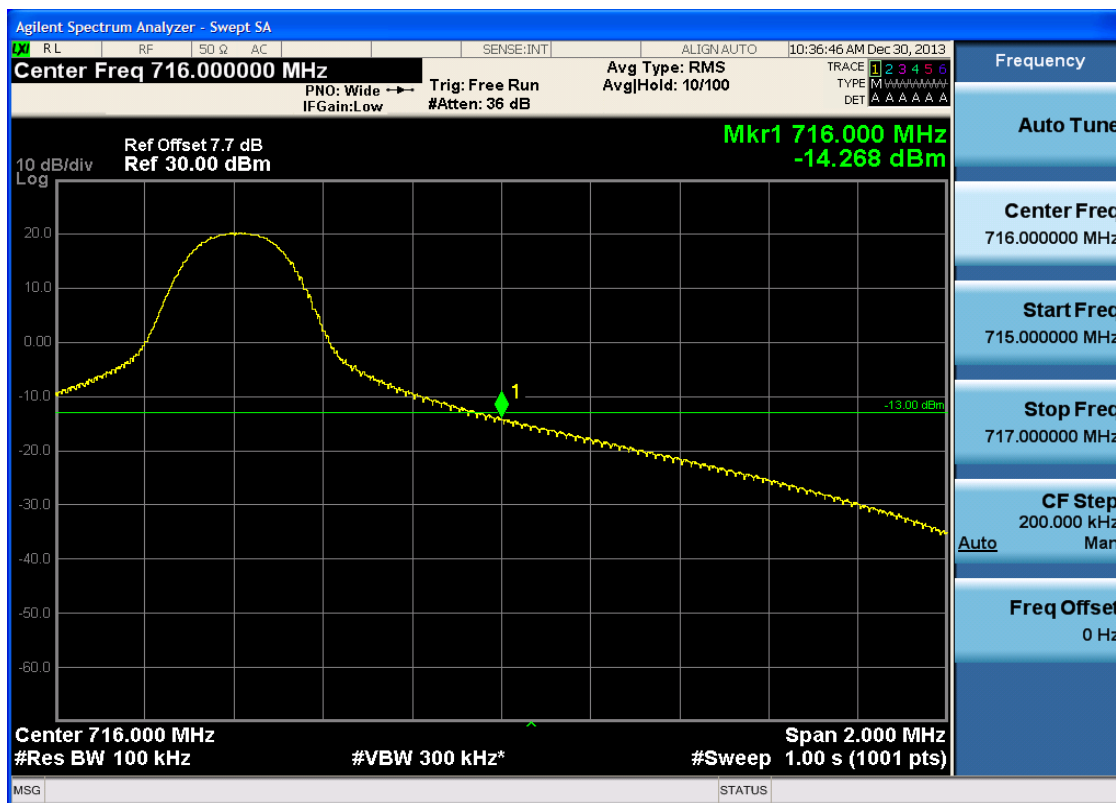
5.1.8.2.2.2 Test Channel = HCH

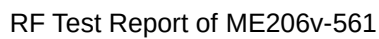
5.1.8.2.2.2.1 Test RB = RB1#0





5.1.8.2.2.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:37:03 AM Dec 30, 2013

Center Freq 716.000000 MHz

PNO: Wide $\leftrightarrow$ Trig: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB AvgHold: 10/100

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

Ref Offset 7.7 dB
Ref 30.00 dBm

Mkr1 716.210 MHz
-35.653 dBm

10 dB/div
Log

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

-13.00 dBm

Center Freq 716.000000 MHz

Start Freq 715.000000 MHz

Stop Freq 717.000000 MHz

CF Step 200.000 kHz
Auto Mar

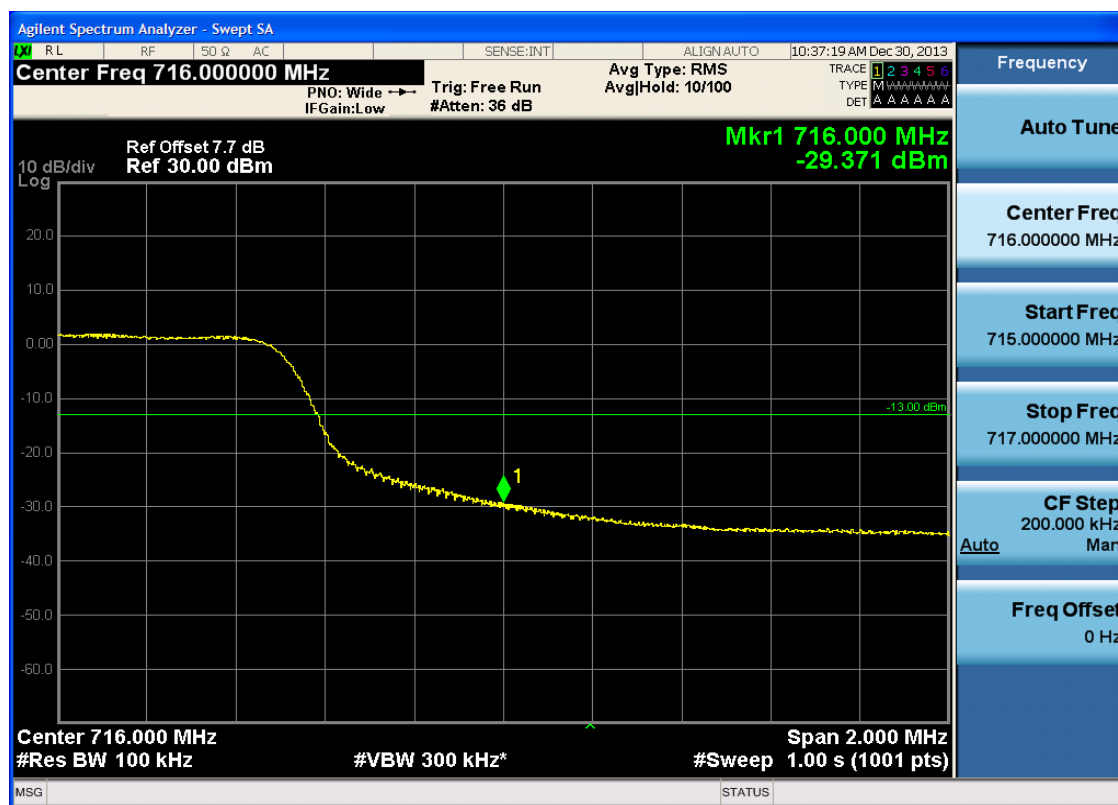
Freq Offset 0 Hz

Center 716.000 MHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS



5.1.8.2.2.4 Test RB = RB50#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

6.3 For LTE

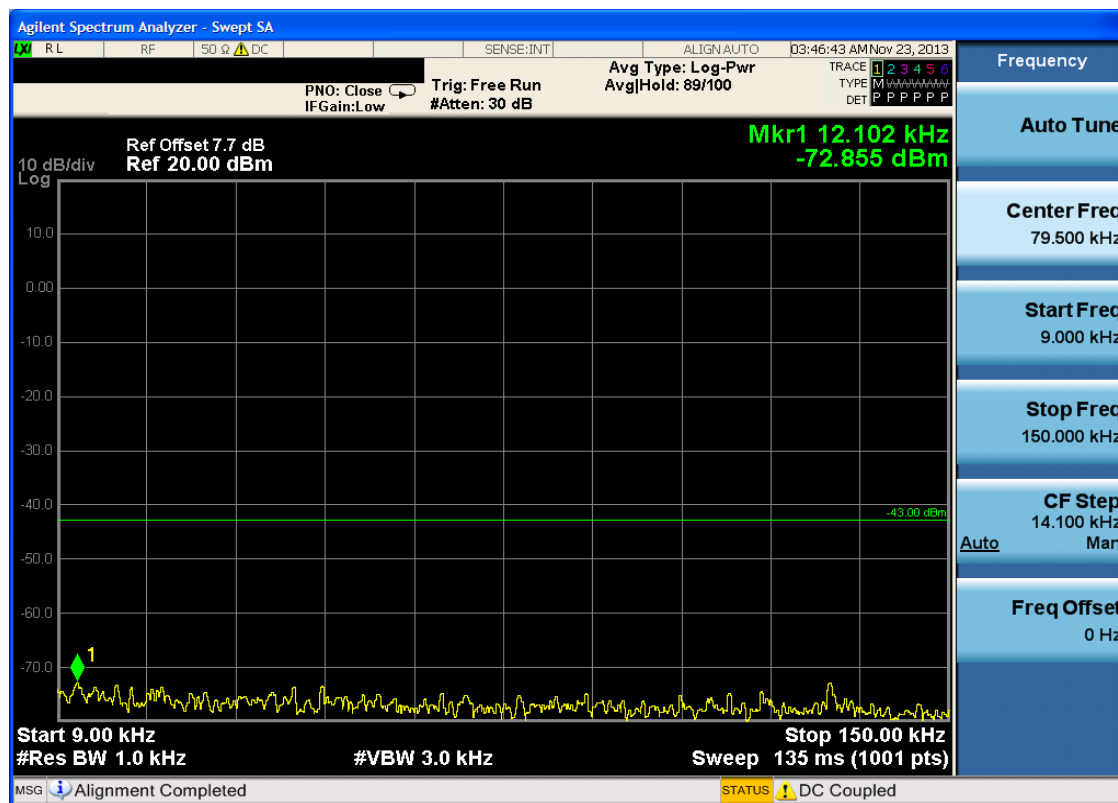
6.3.1 Test Band = BAND2

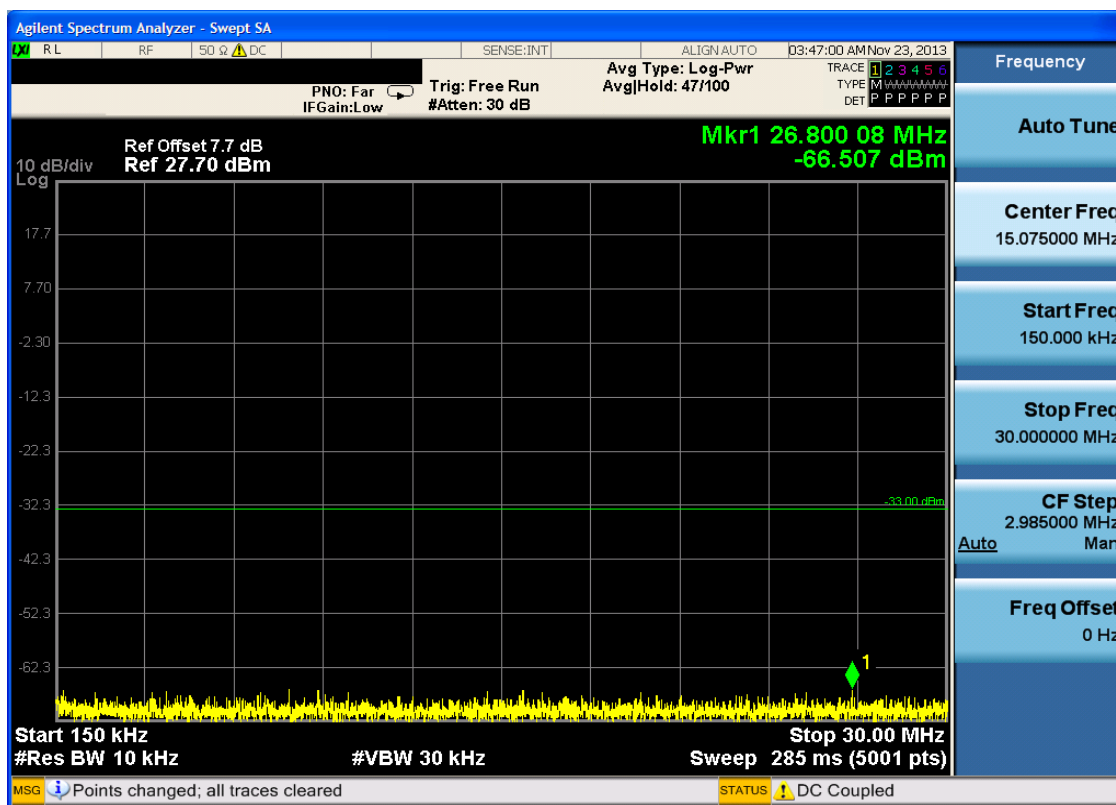
6.3.1.1 Test Mode = LTE/TM1

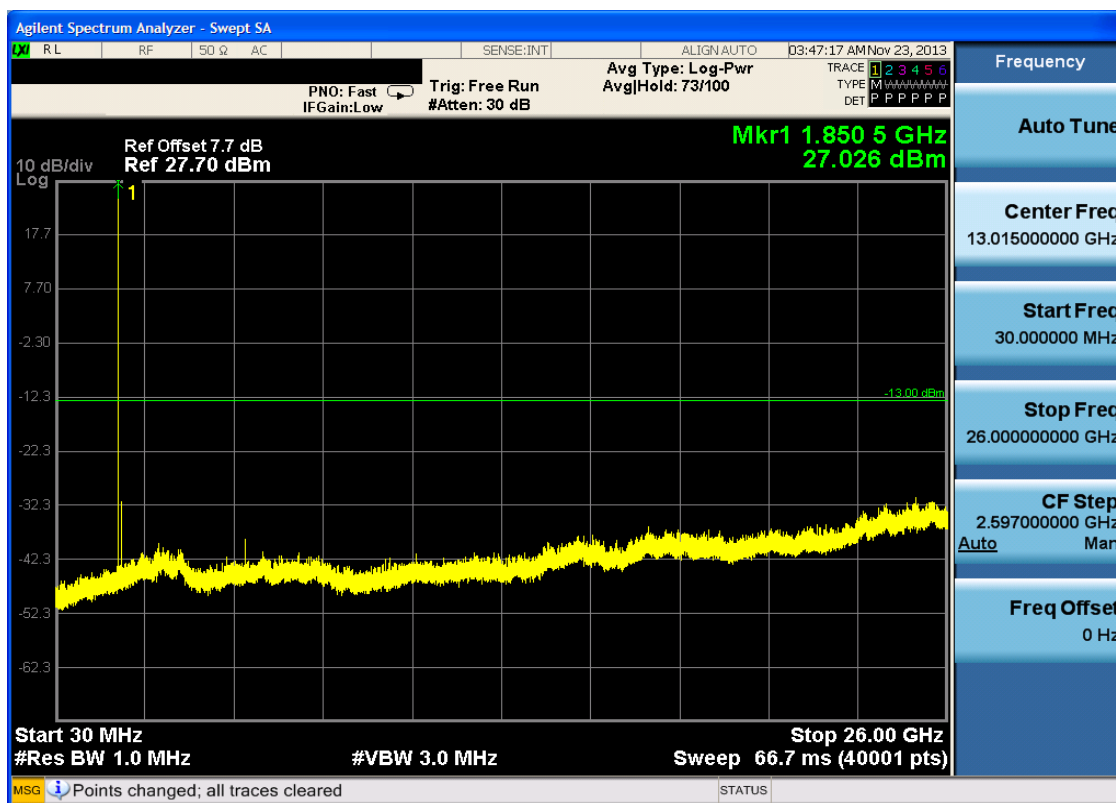
6.3.1.1.1 Test Bandwidth = 1.4

6.3.1.1.1.1 Test Channel = LCH

6.3.1.1.1.1.1 Test RB = RB1#0

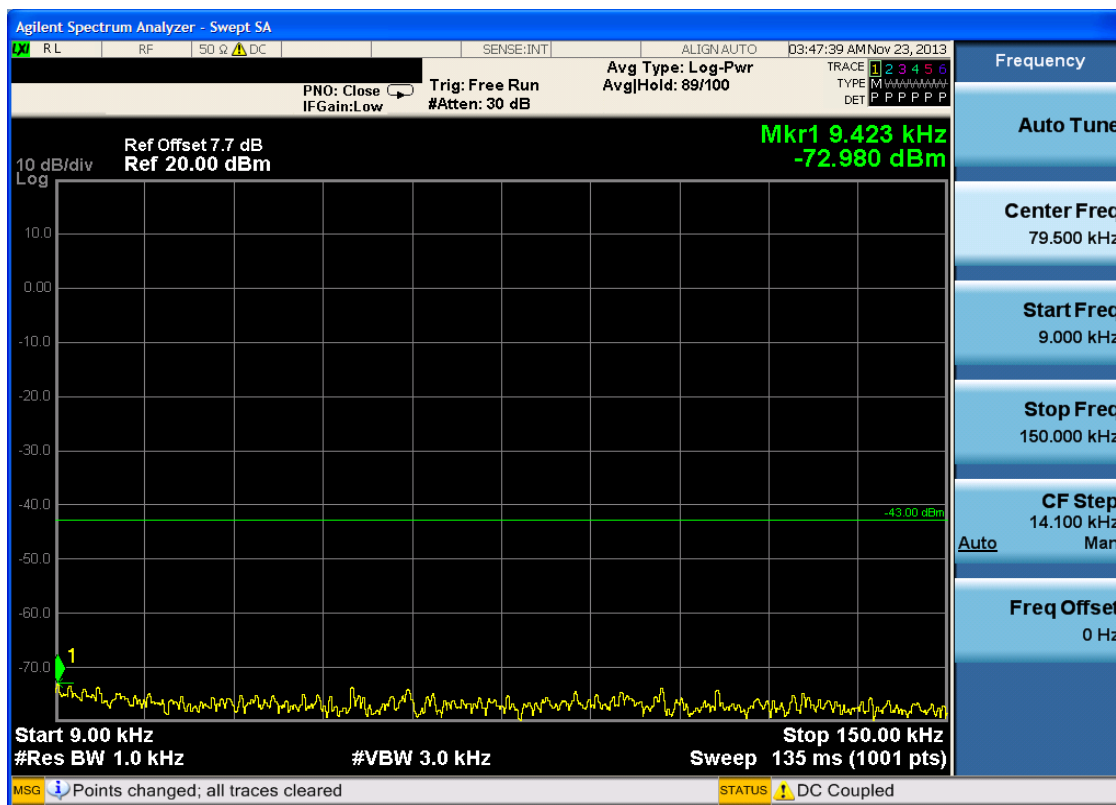


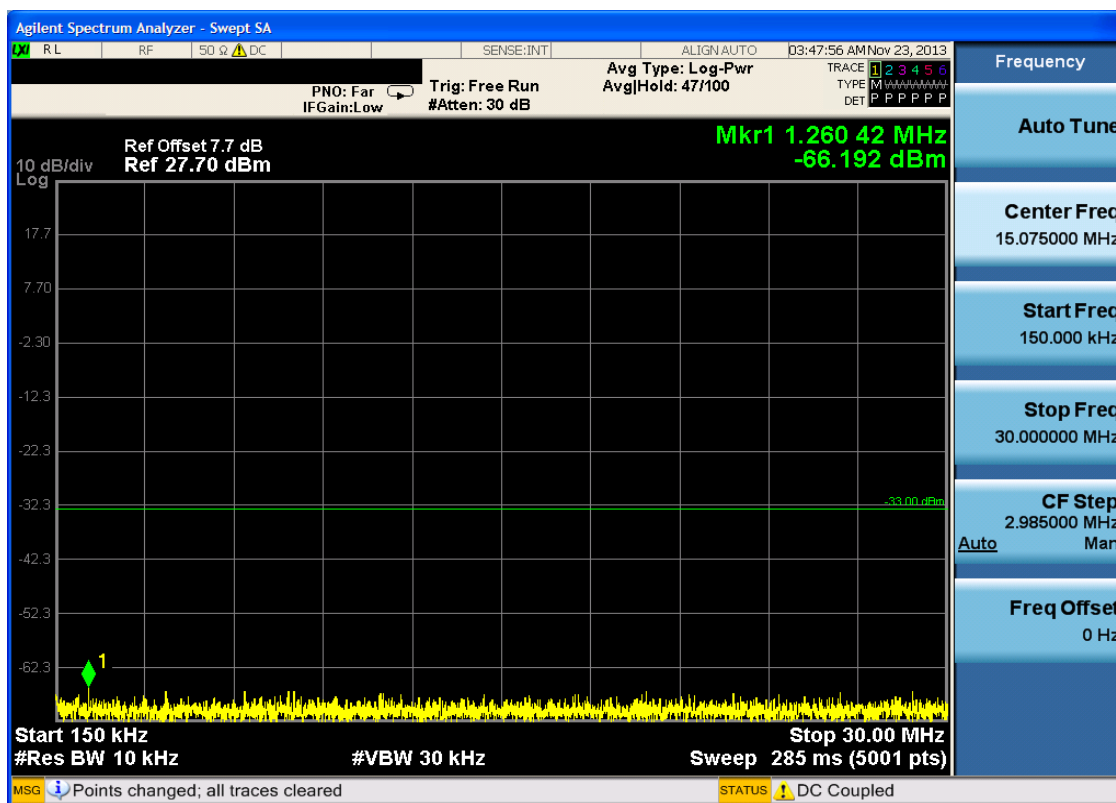


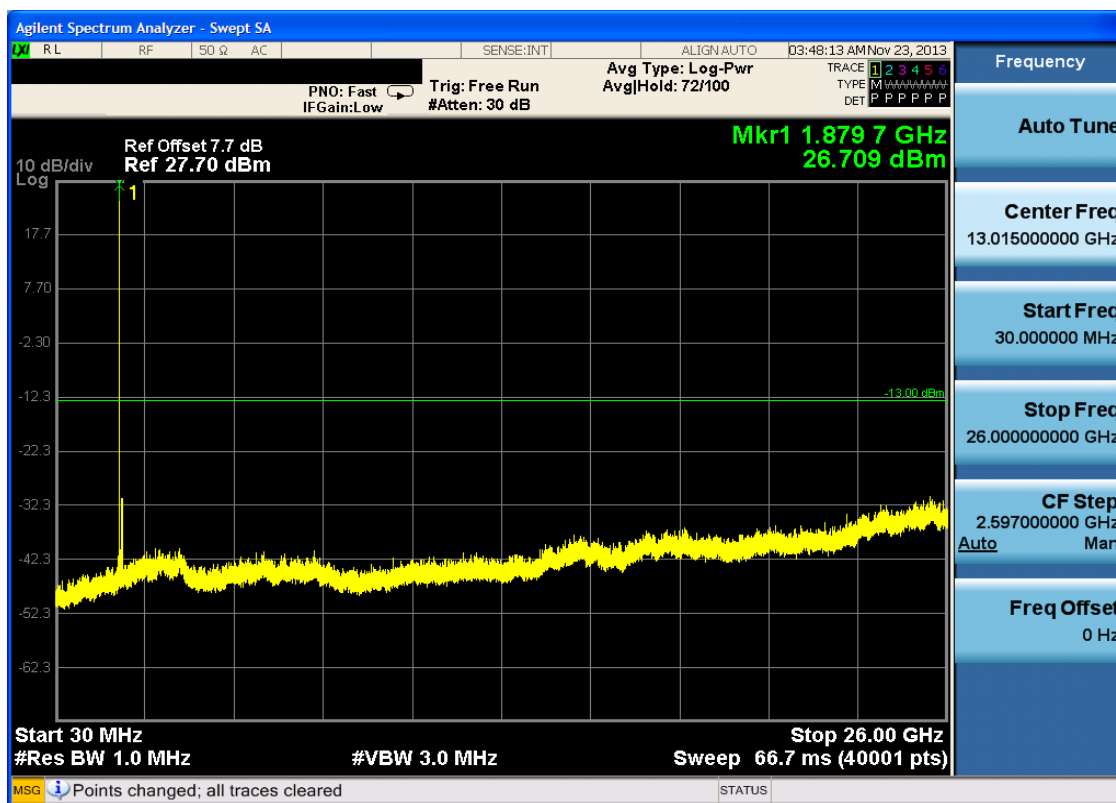


6.3.1.1.1.2 Test Channel = MCH

6.3.1.1.1.2.1 Test RB = RB1#0

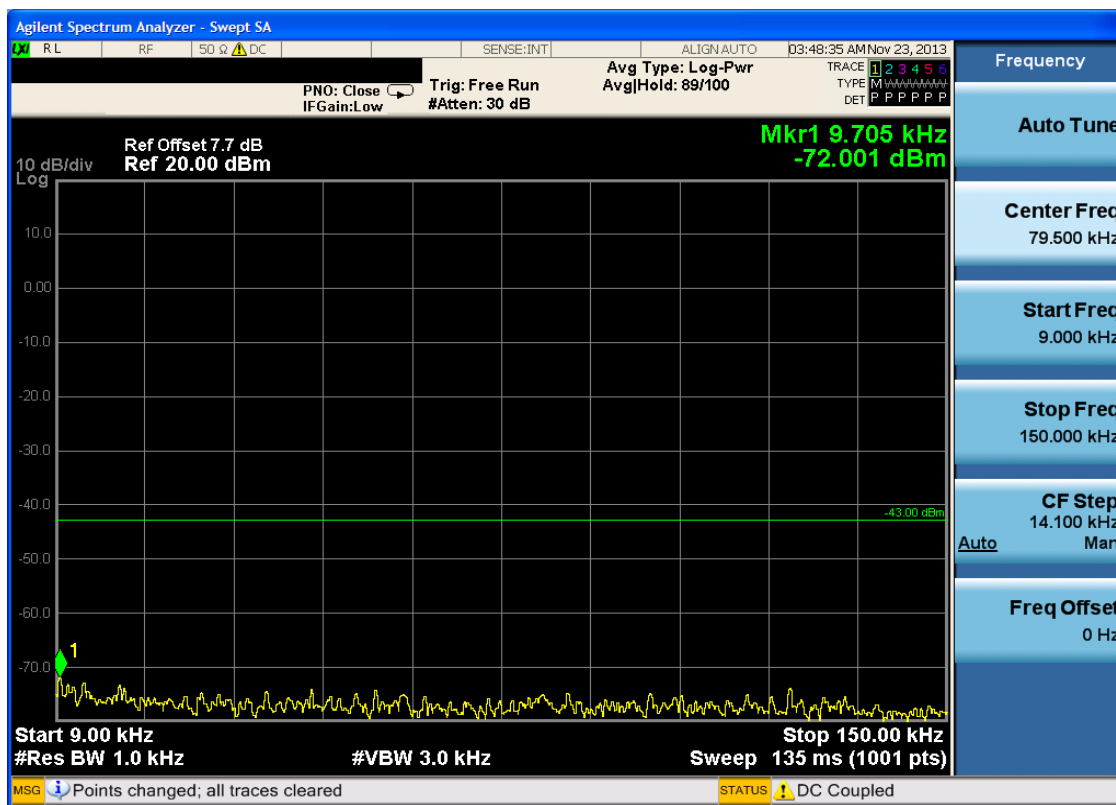


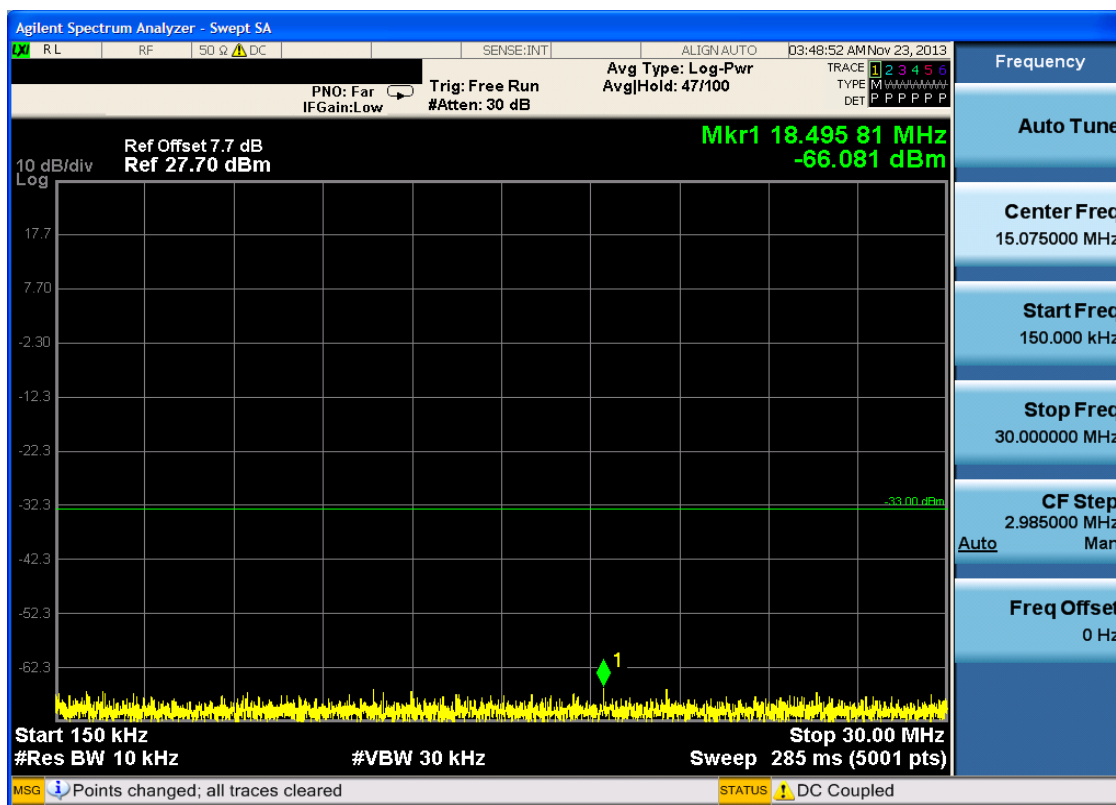


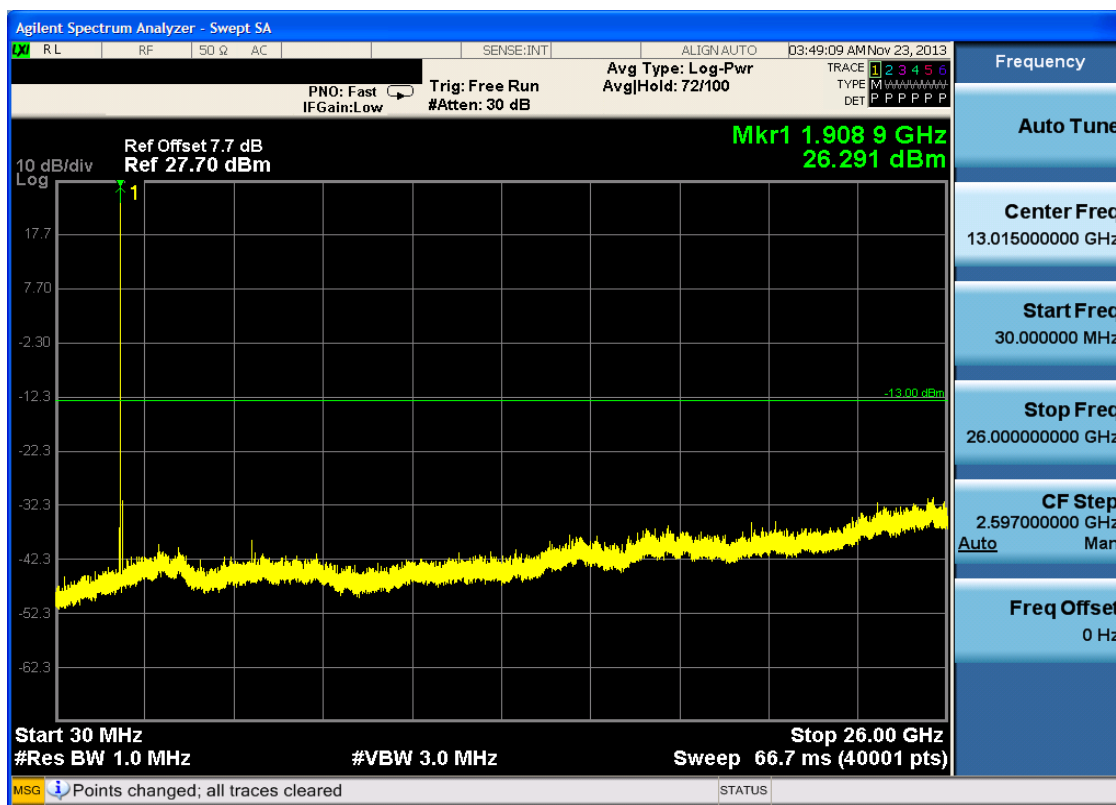


6.3.1.1.1.3 Test Channel = HCH

6.3.1.1.1.3.1 Test RB = RB1#0





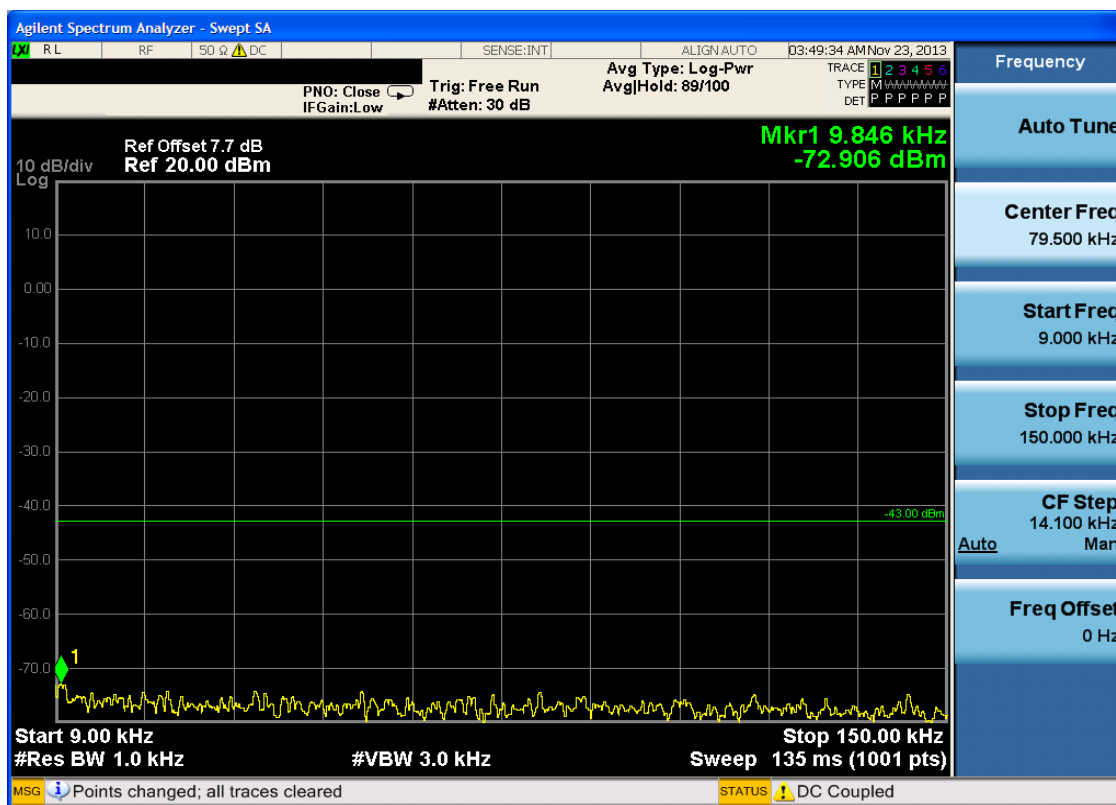


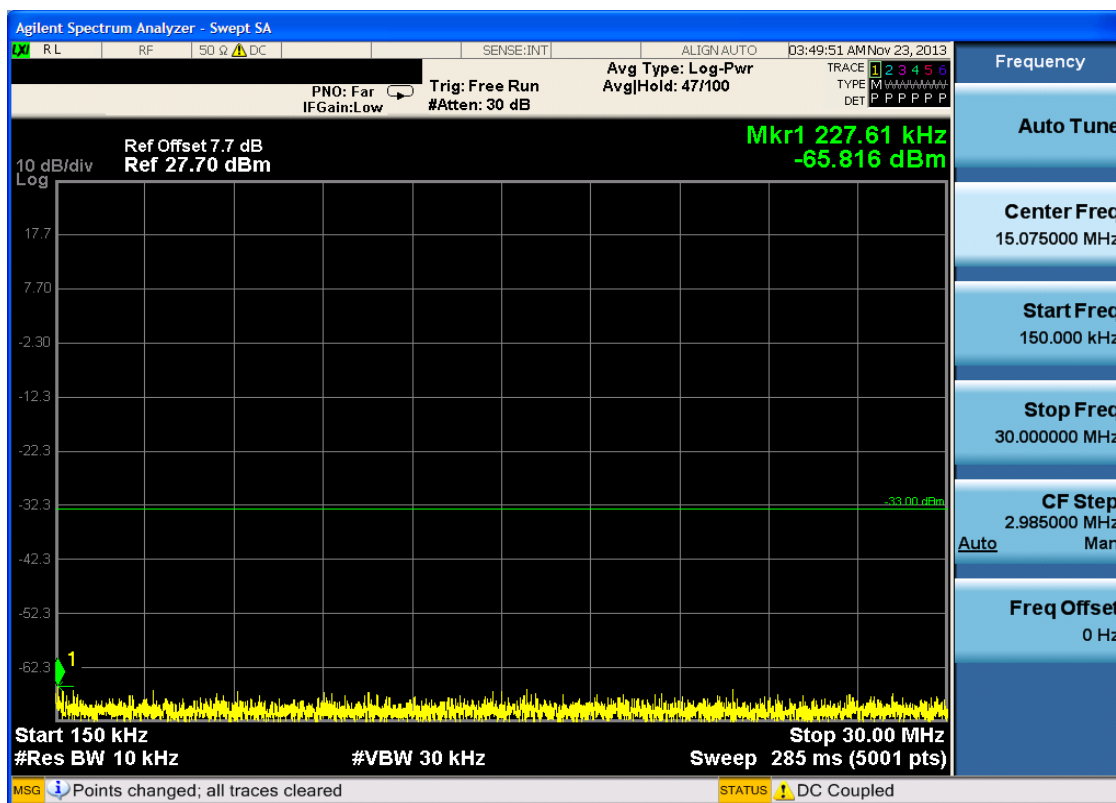


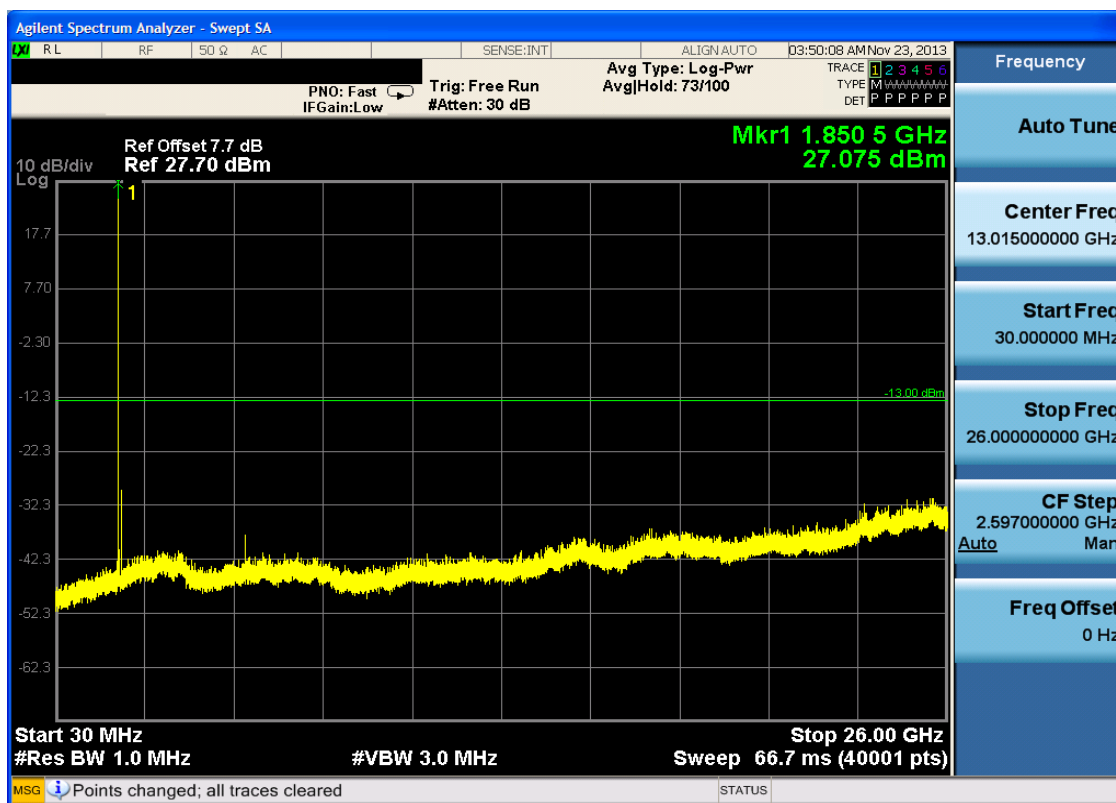
6.3.1.1.2 Test Bandwidth = 3

6.3.1.1.2.1 Test Channel = LCH

6.3.1.1.2.1.1 Test RB = RB1#0

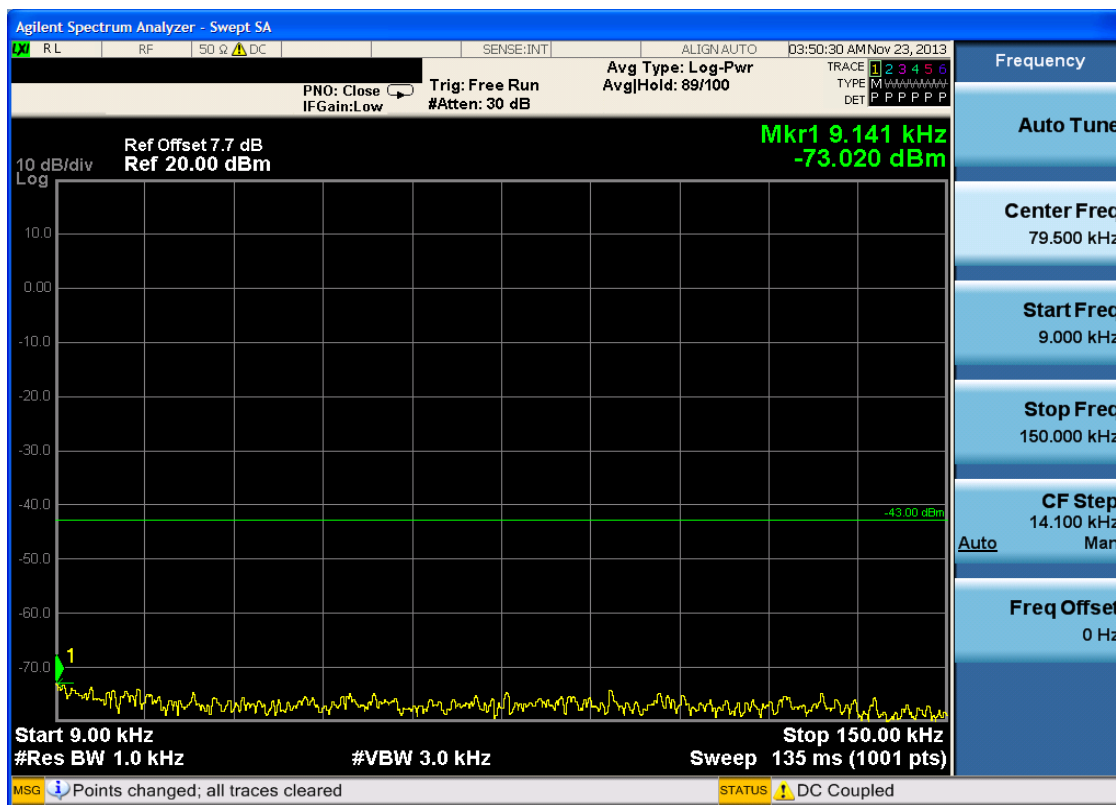


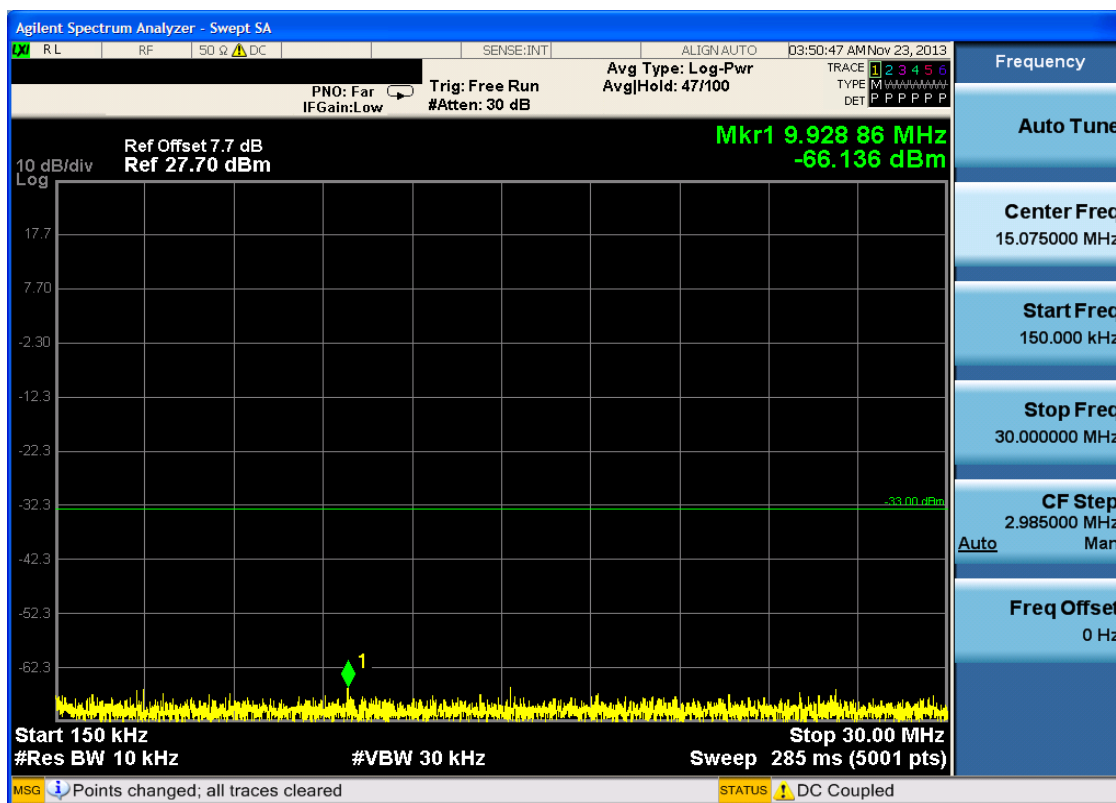


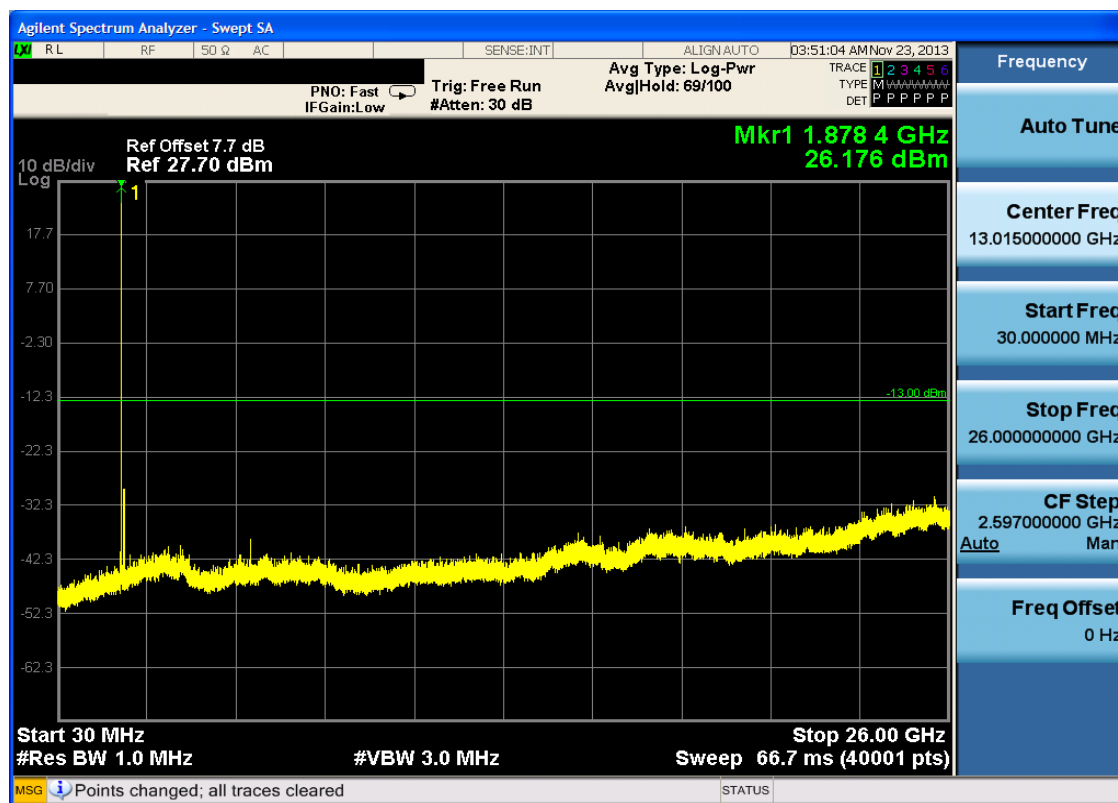


6.3.1.1.2.2 Test Channel = MCH

6.3.1.1.2.2.1 Test RB = RB1#0

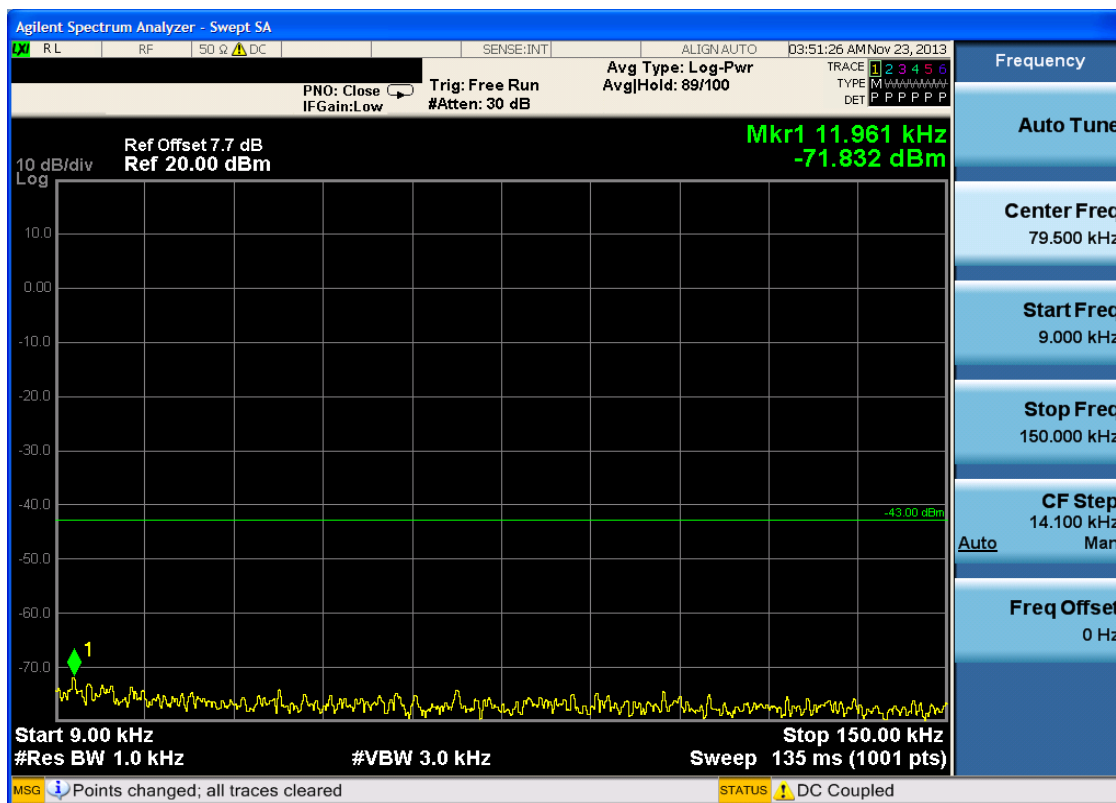


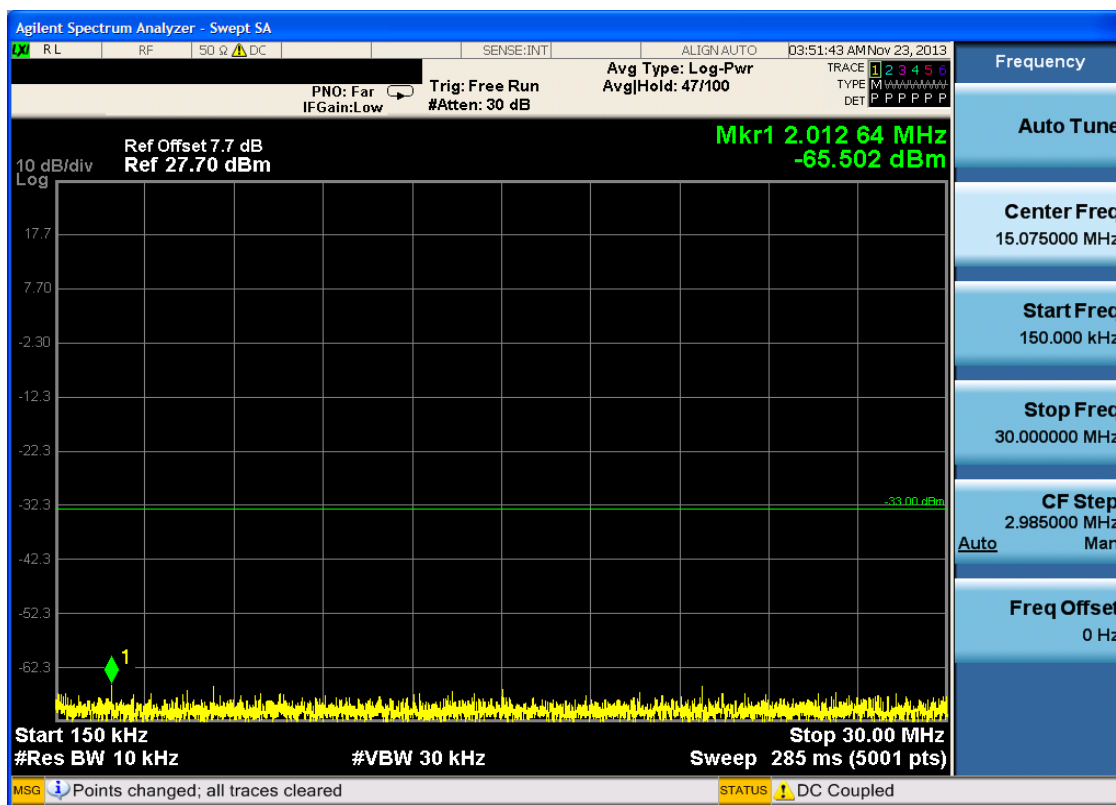


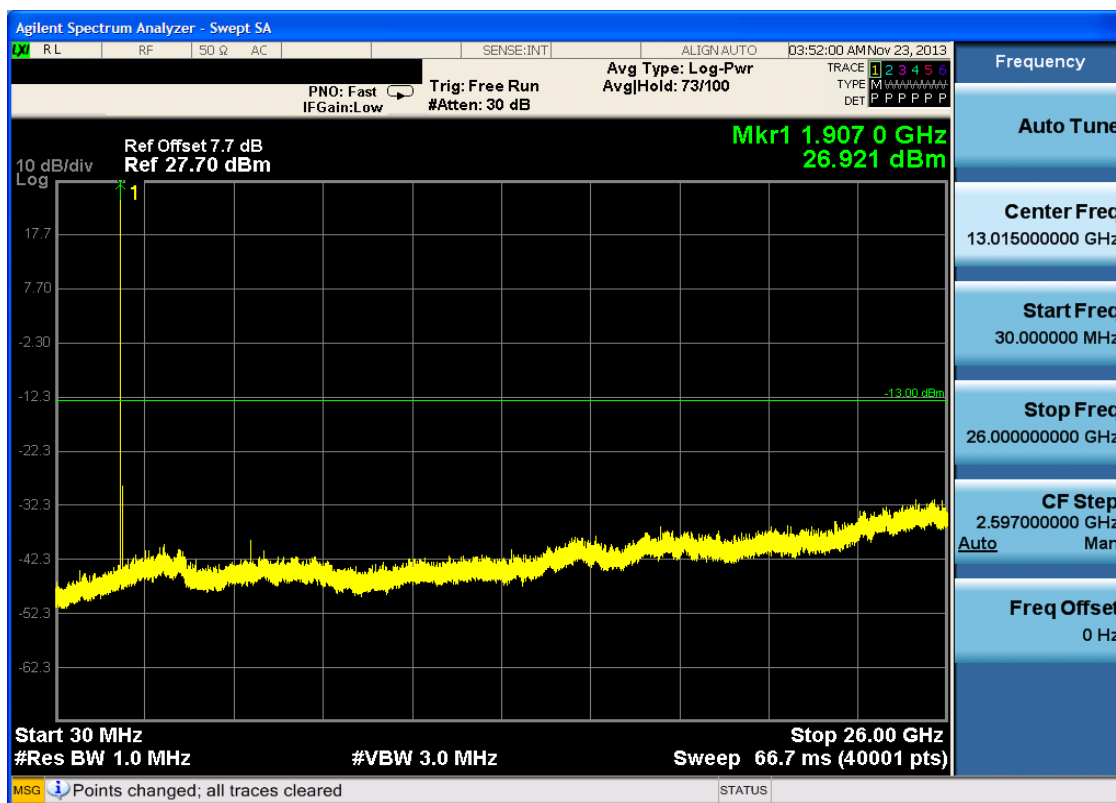


6.3.1.1.2.3 Test Channel = HCH

6.3.1.1.2.3.1 Test RB = RB1#0



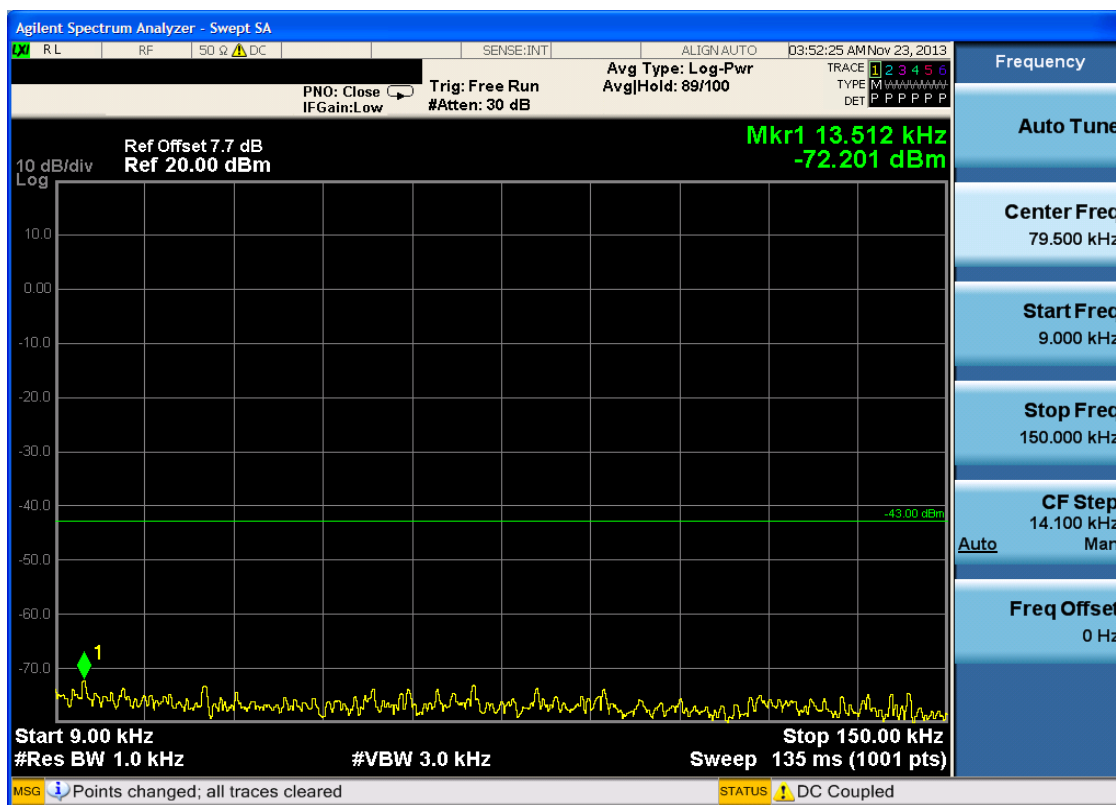


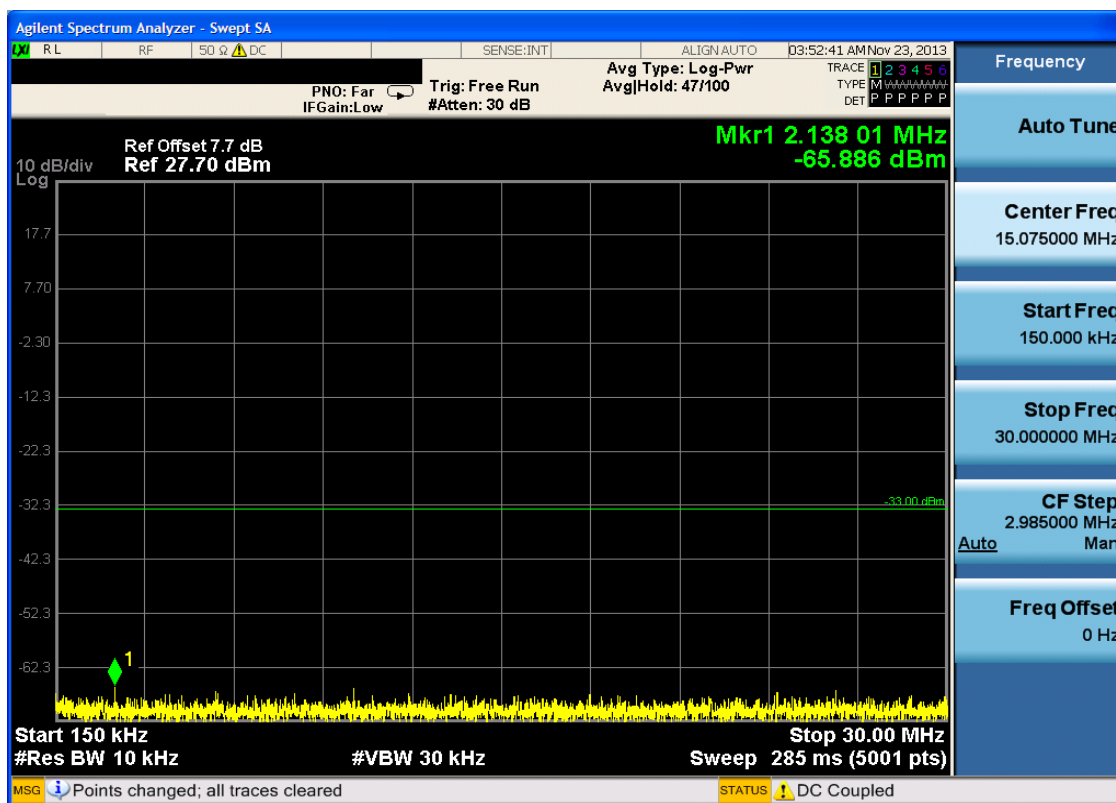


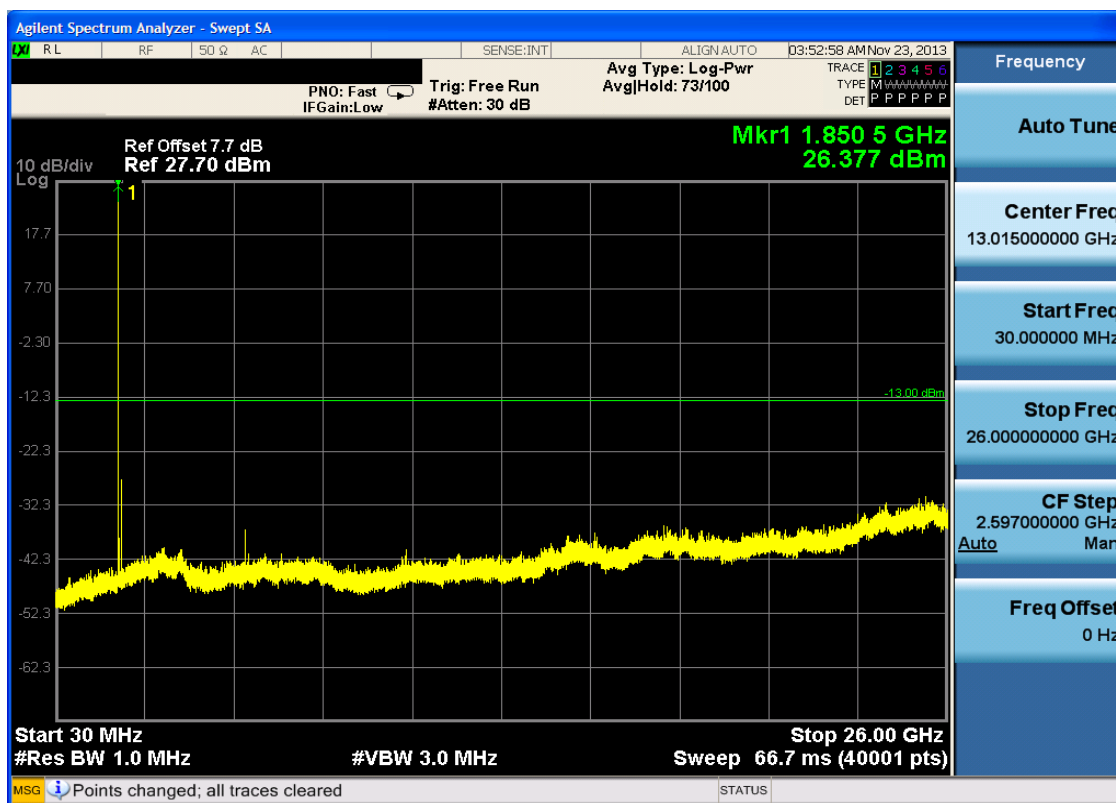
6.3.1.1.3 Test Bandwidth = 5

6.3.1.1.3.1 Test Channel = LCH

6.3.1.1.3.1.1 Test RB = RB1#0

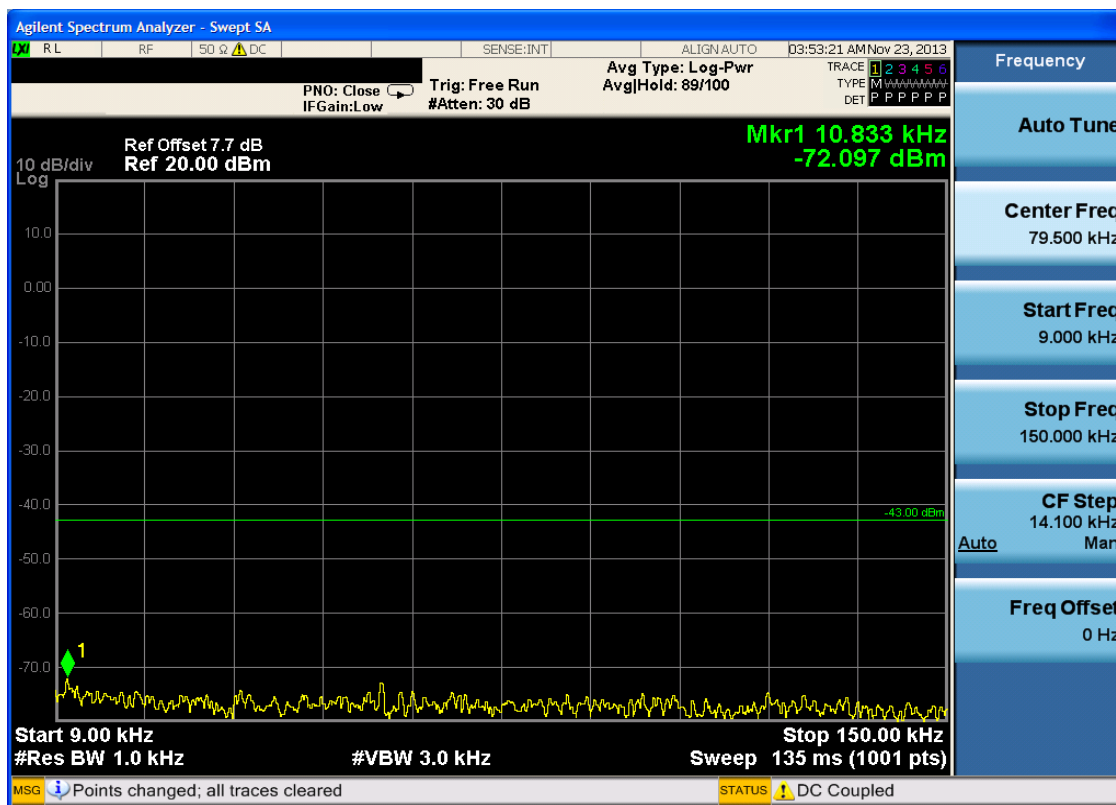


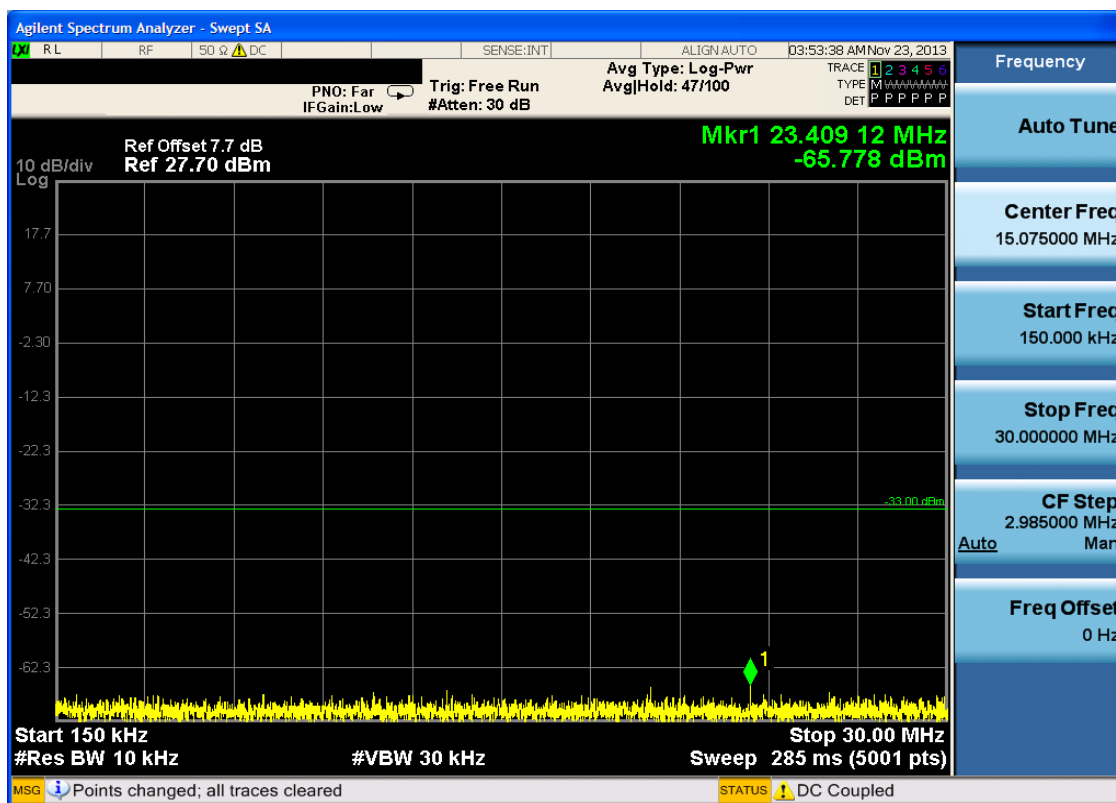


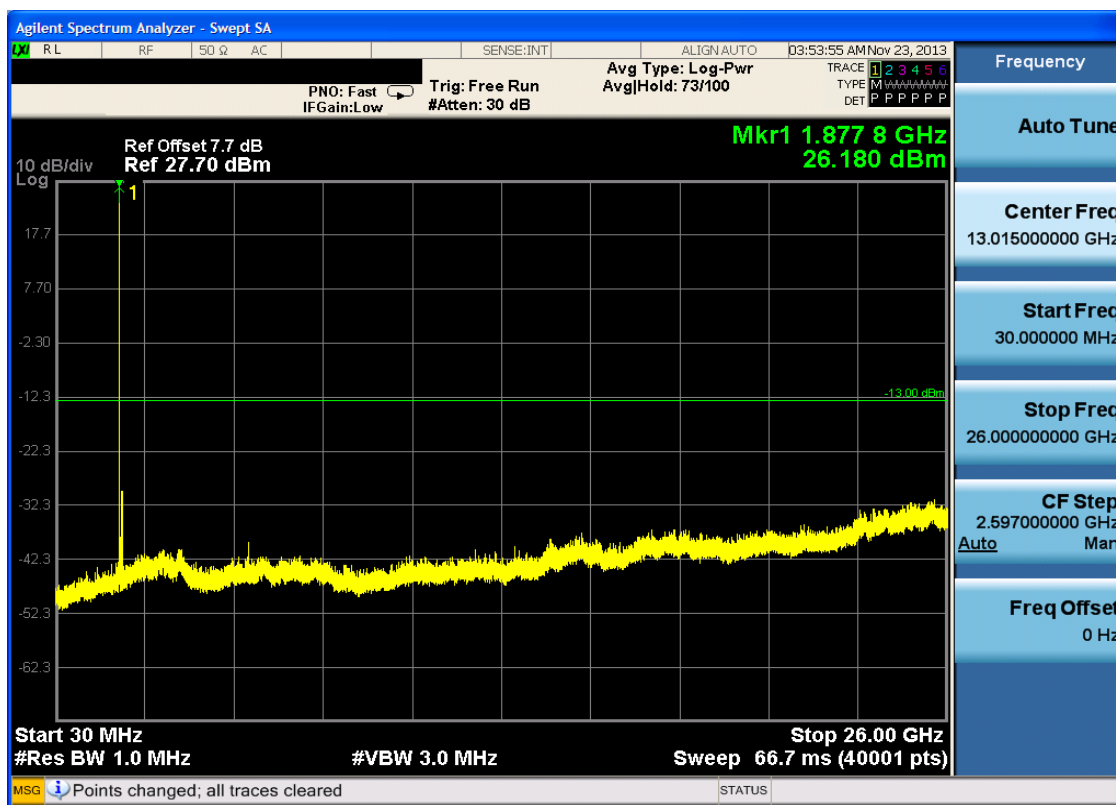


6.3.1.1.3.2 Test Channel = MCH

6.3.1.1.3.2.1 Test RB = RB1#0

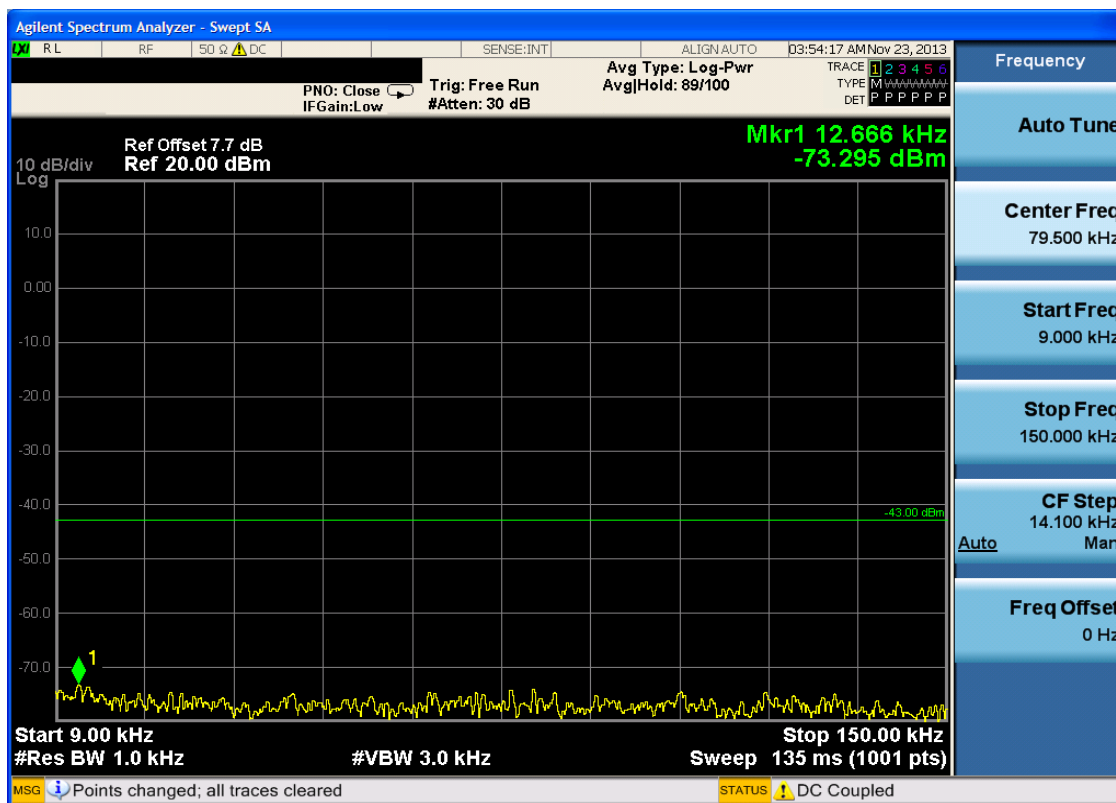


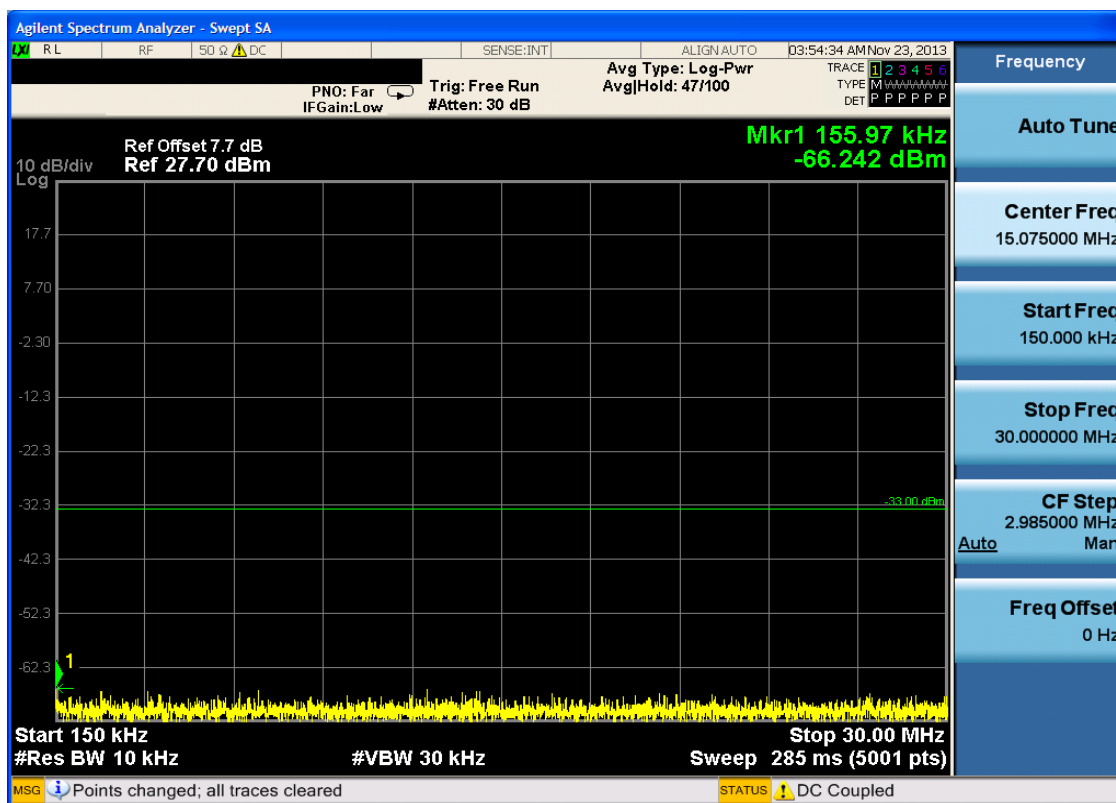


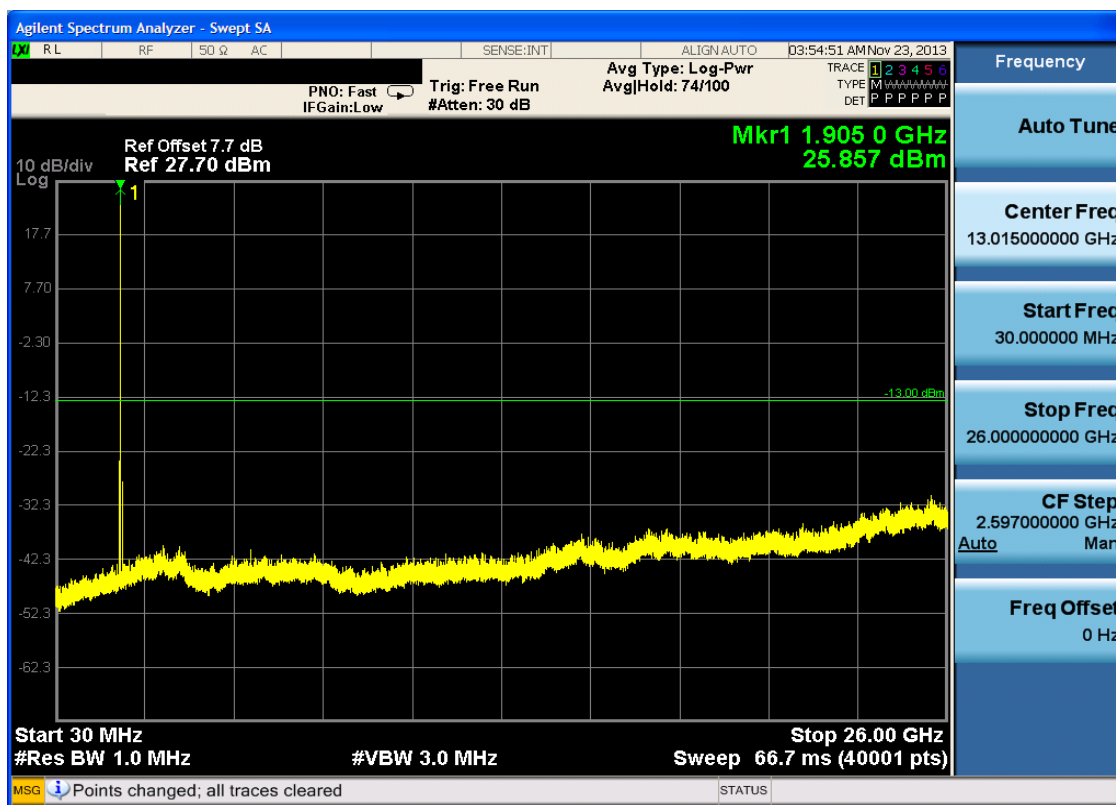


6.3.1.1.3.3 Test Channel = HCH

6.3.1.1.3.3.1 Test RB = RB1#0



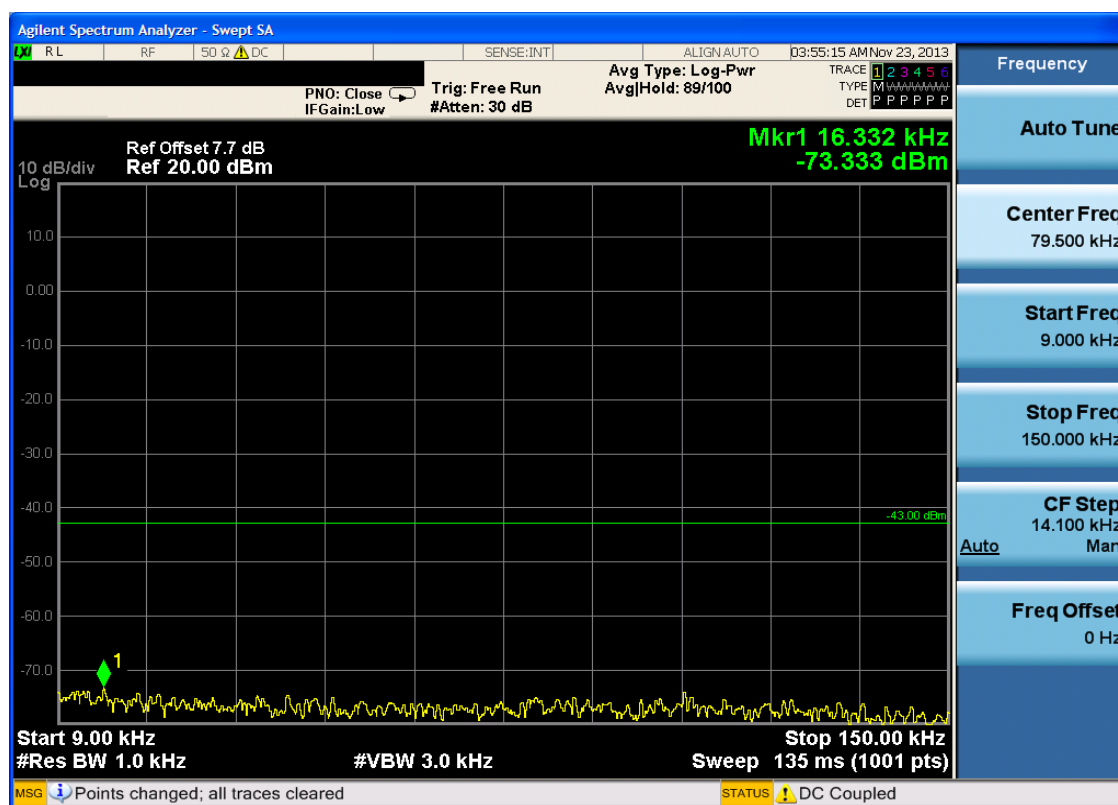


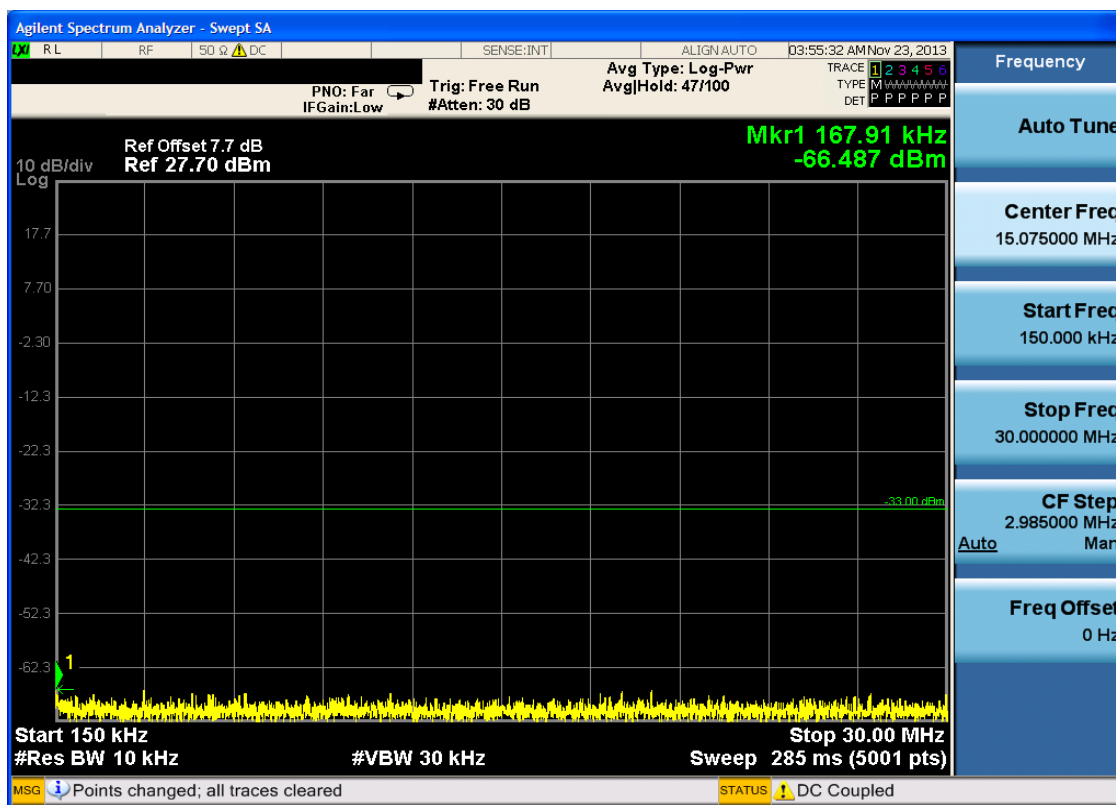


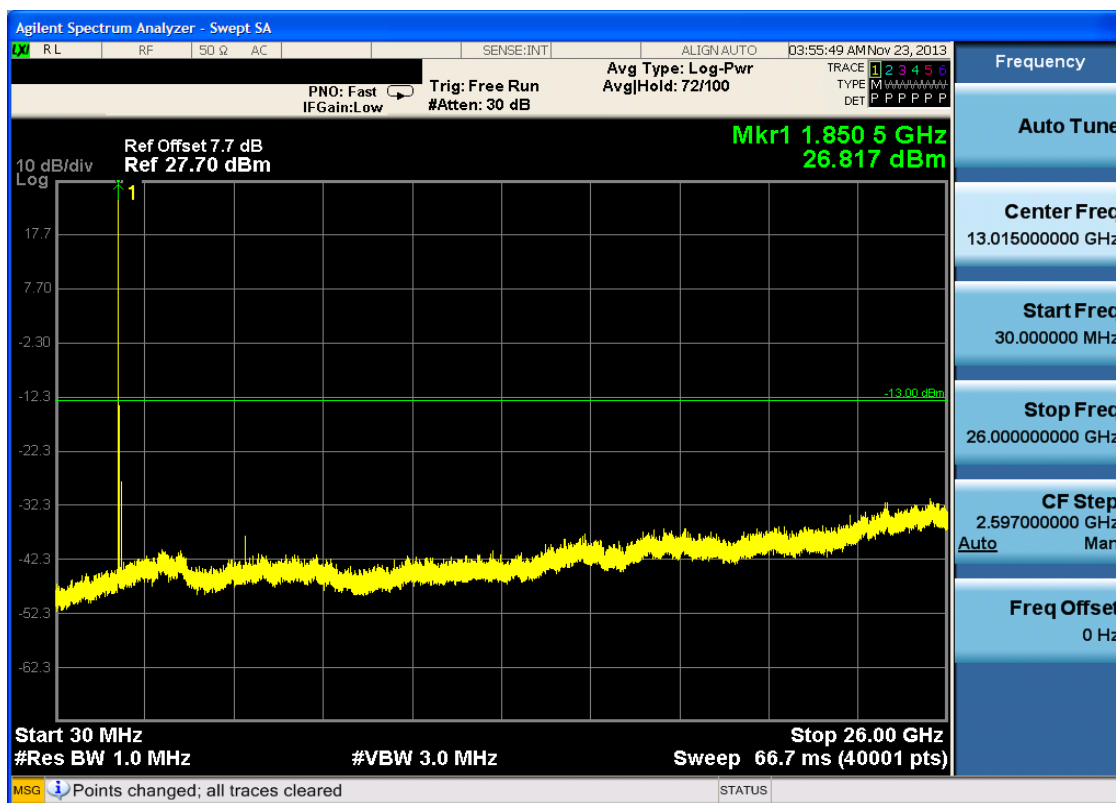
6.3.1.1.4 Test Bandwidth = 10

6.3.1.1.4.1 Test Channel = LCH

6.3.1.1.4.1.1 Test RB = RB1#0

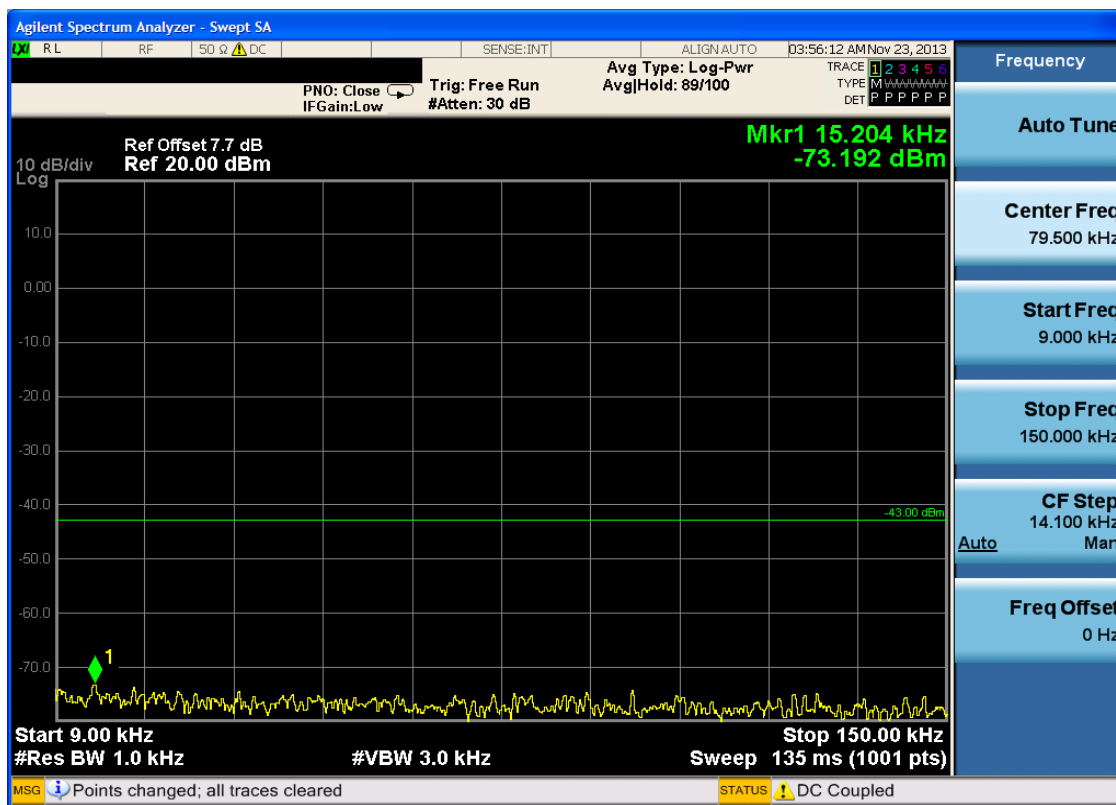


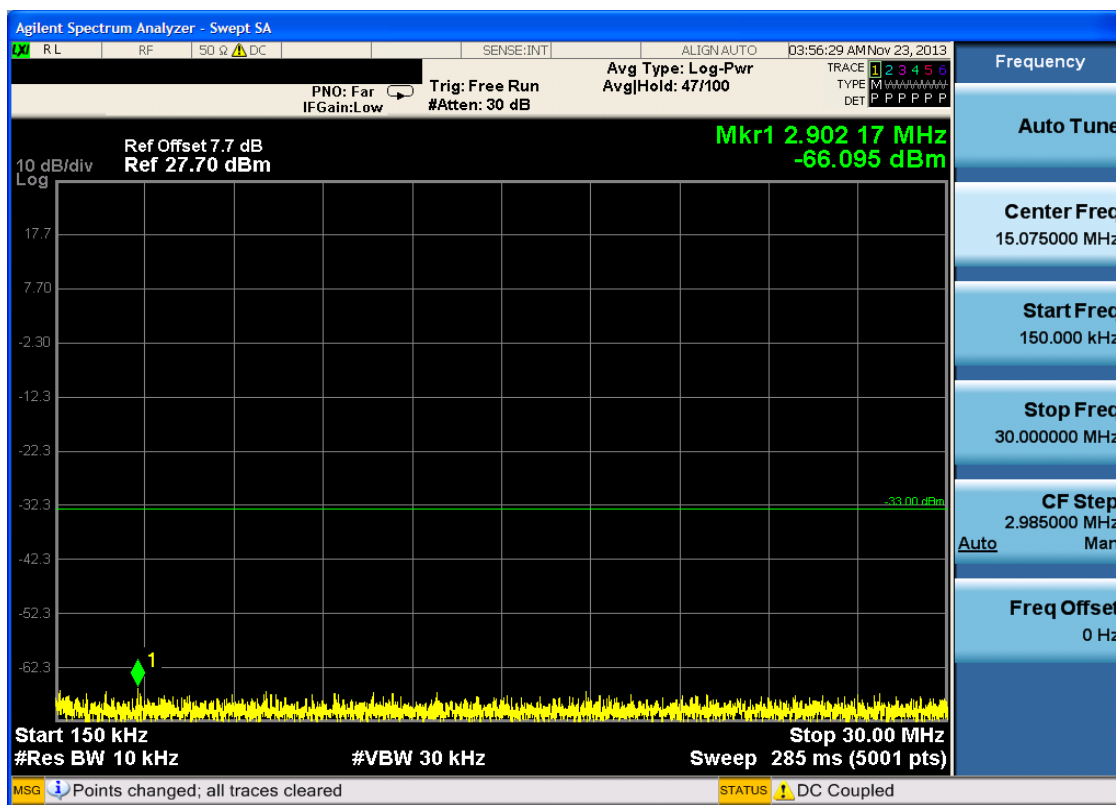


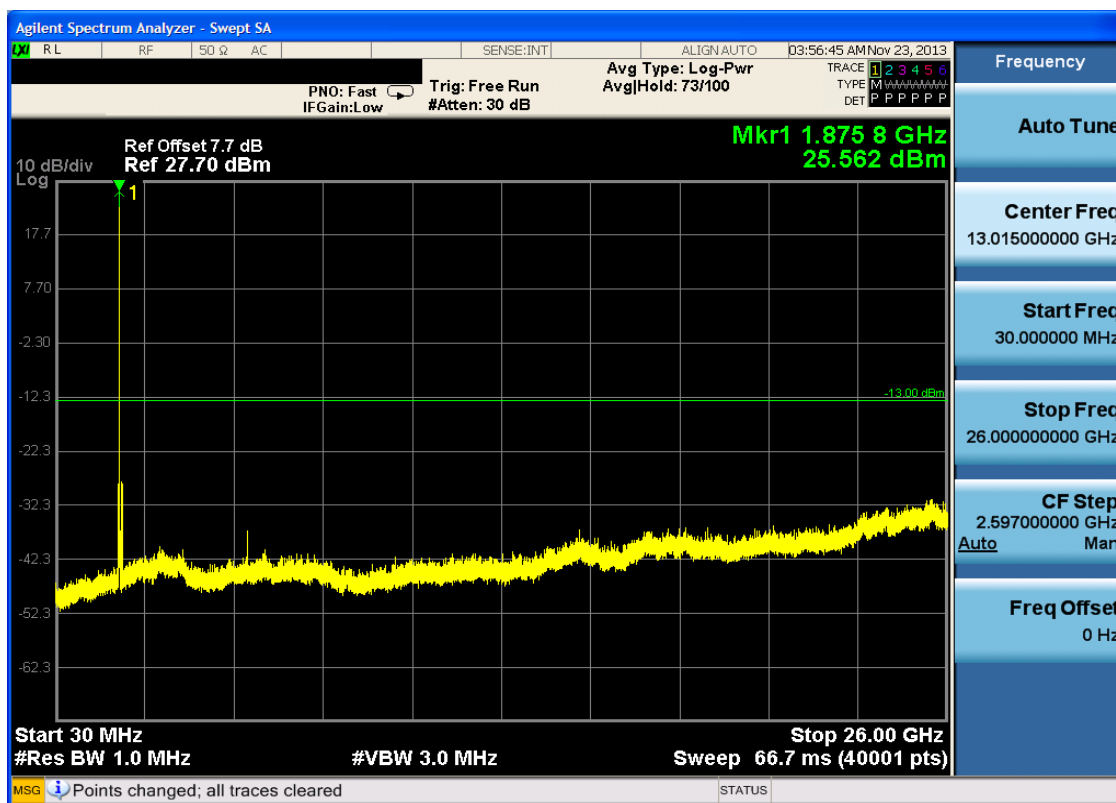


6.3.1.1.4.2 Test Channel = MCH

6.3.1.1.4.2.1 Test RB = RB1#0

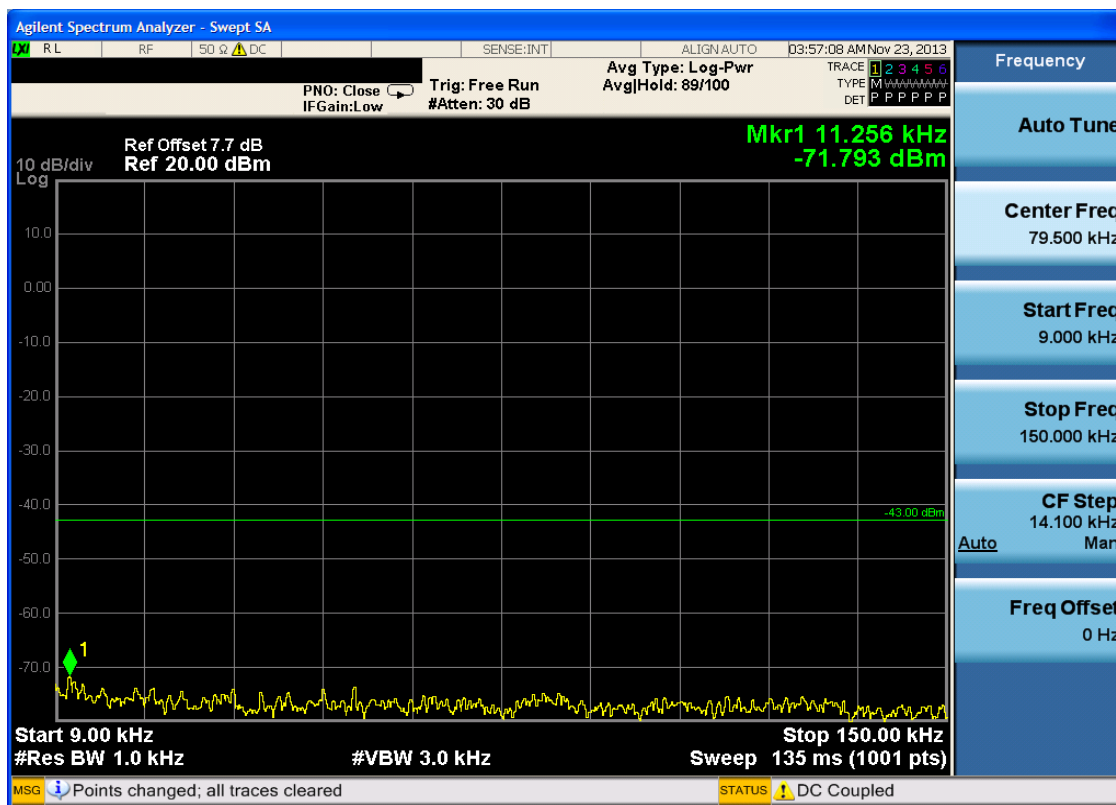


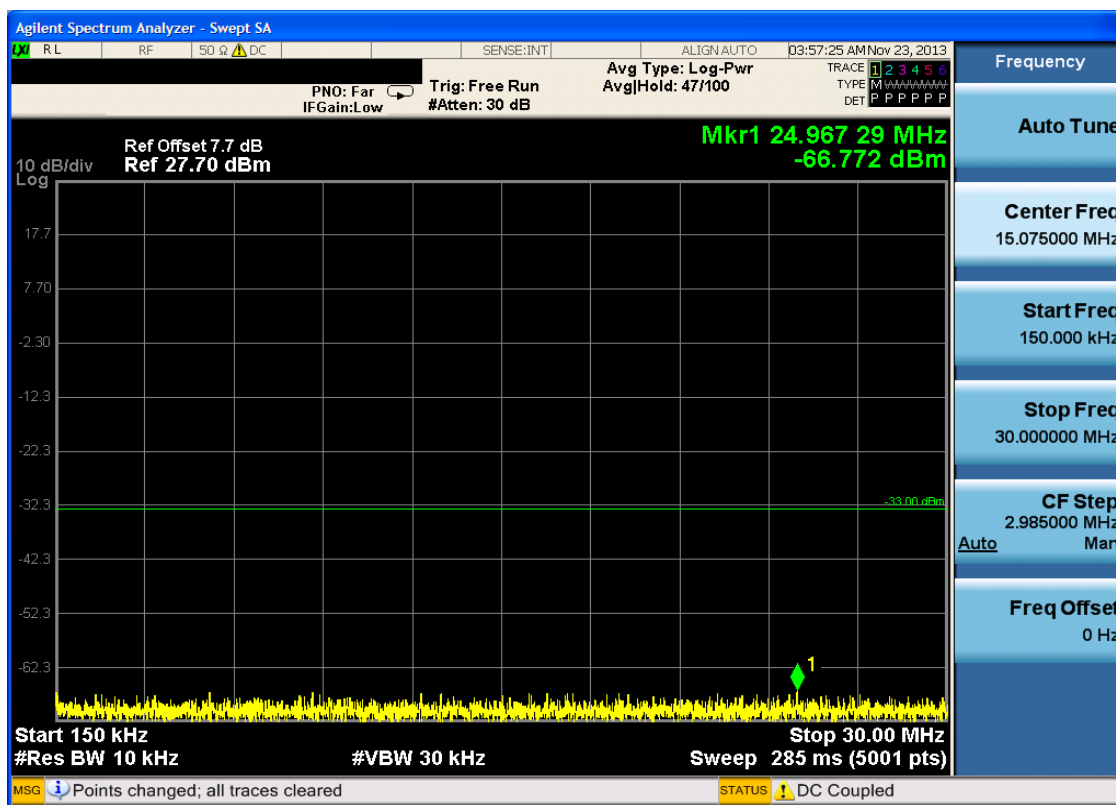


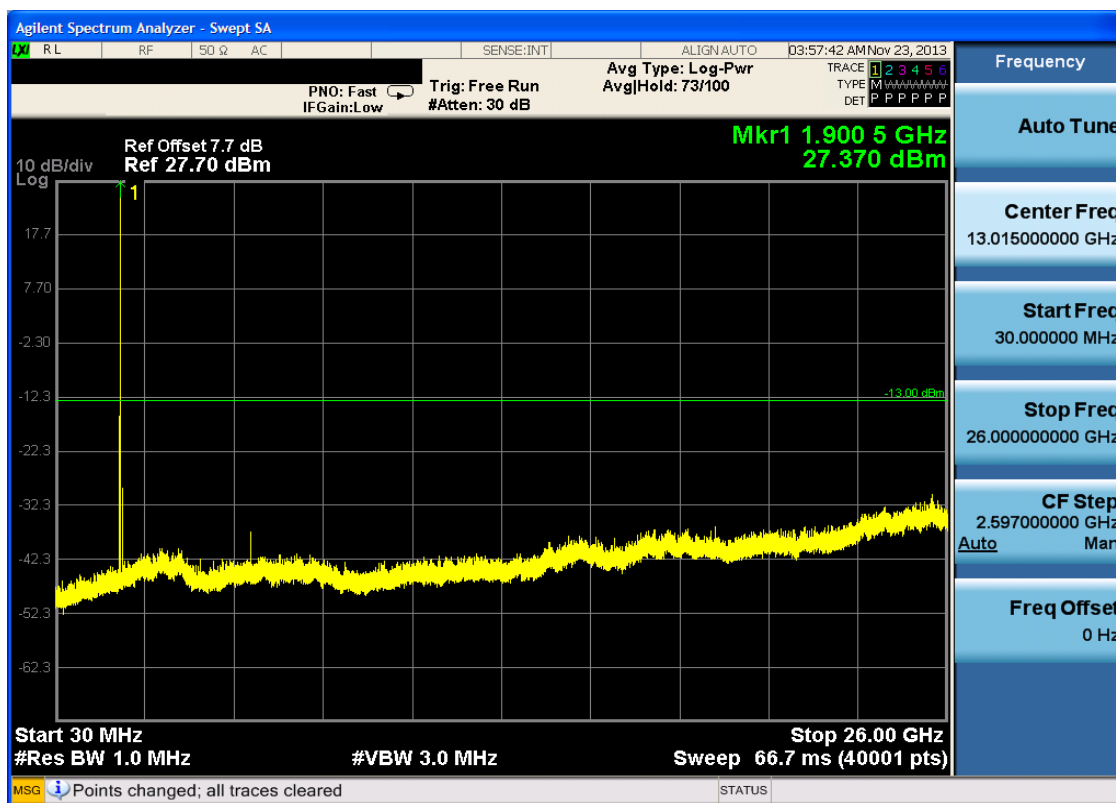


6.3.1.1.4.3 Test Channel = HCH

6.3.1.1.4.3.1 Test RB = RB1#0





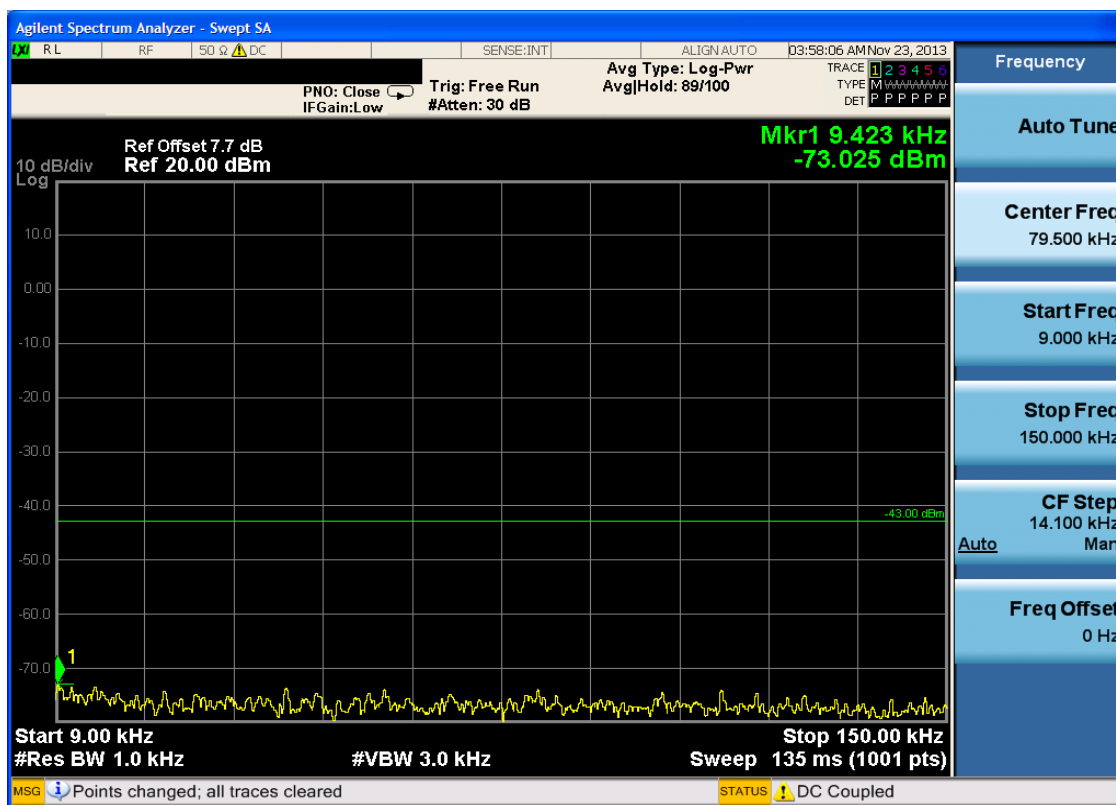


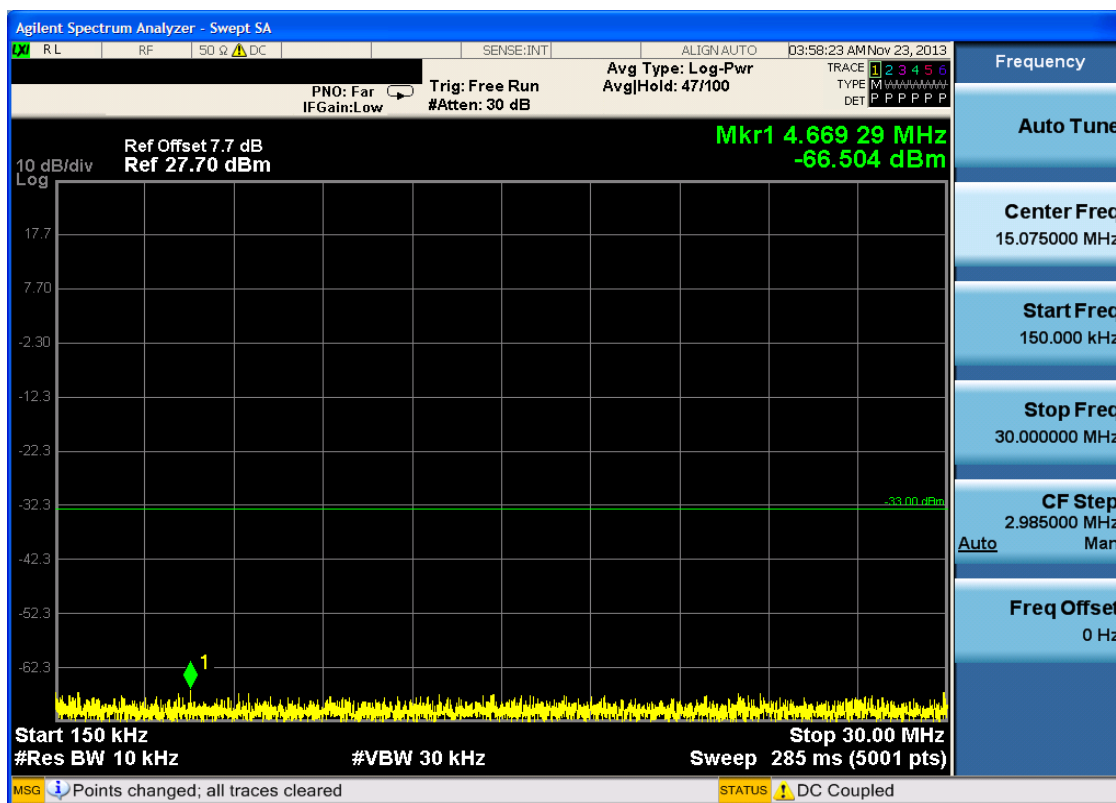


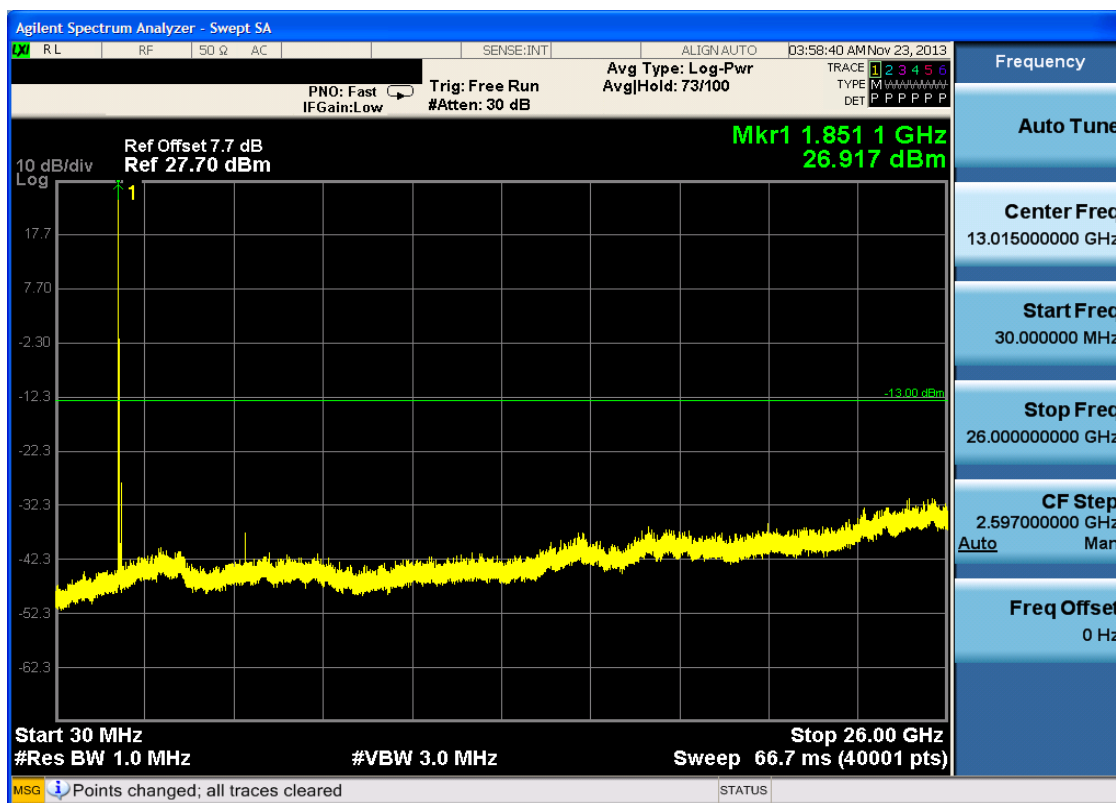
6.3.1.1.5 Test Bandwidth = 15

6.3.1.1.5.1 Test Channel = LCH

6.3.1.1.5.1.1 Test RB = RB1#0

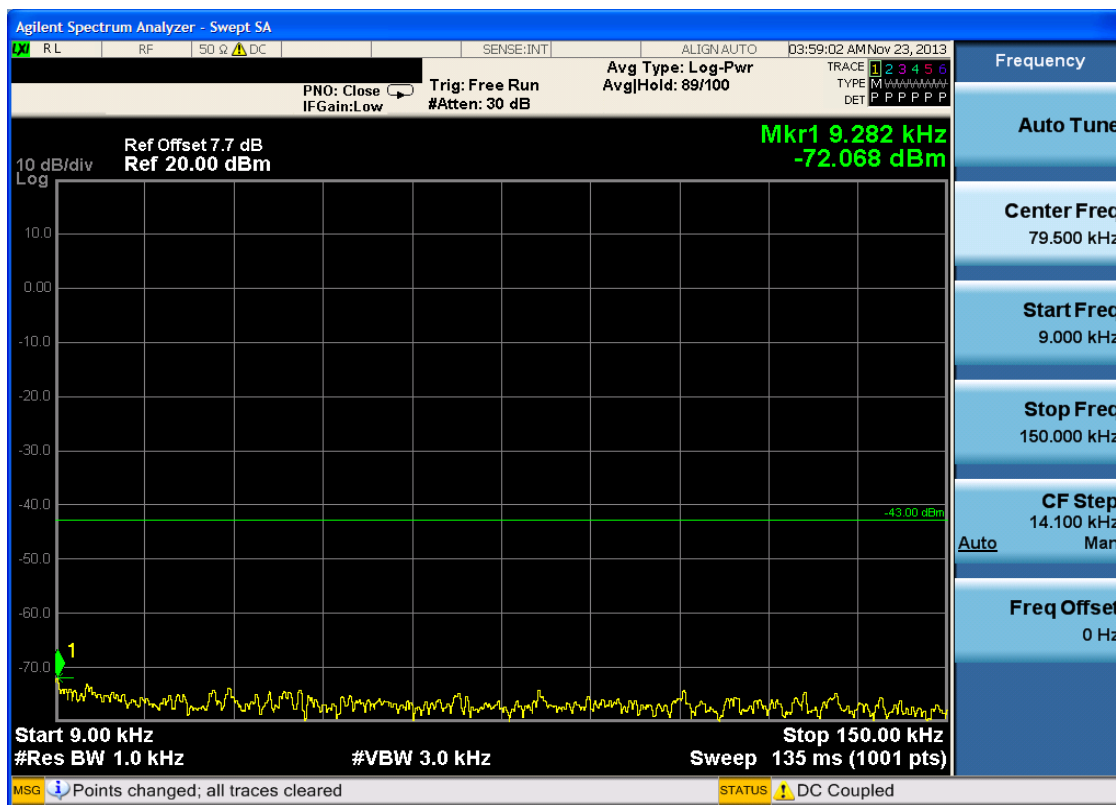


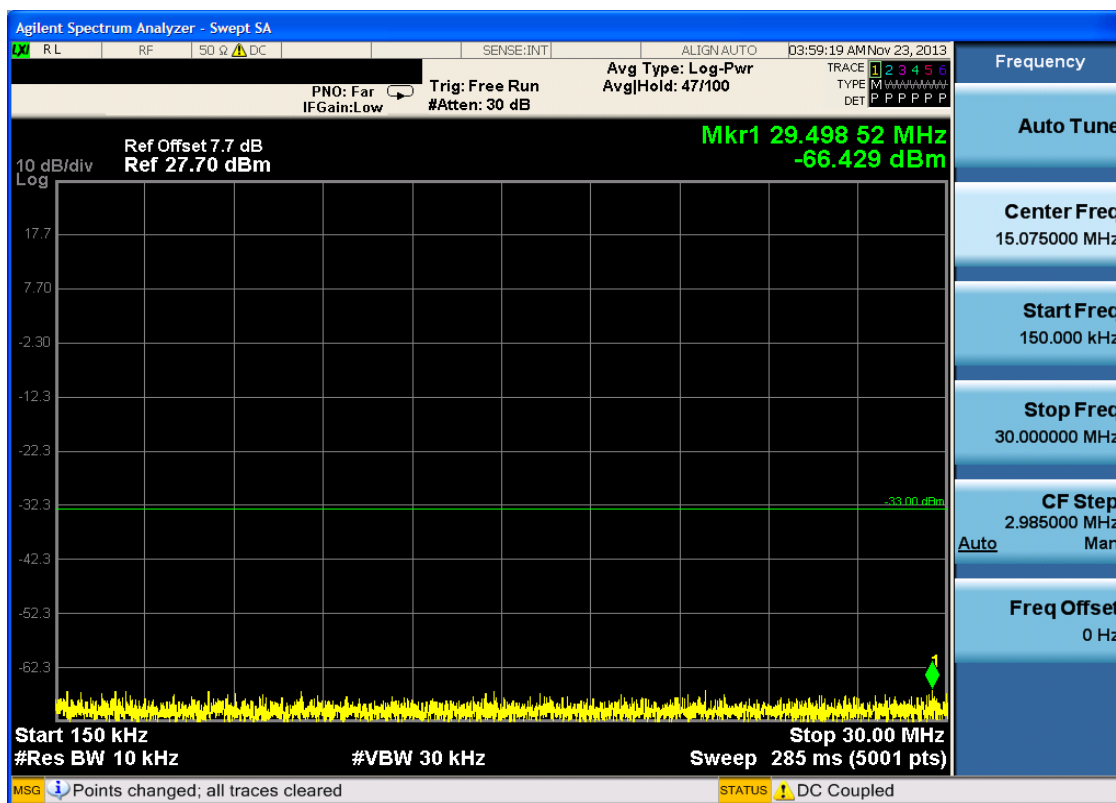


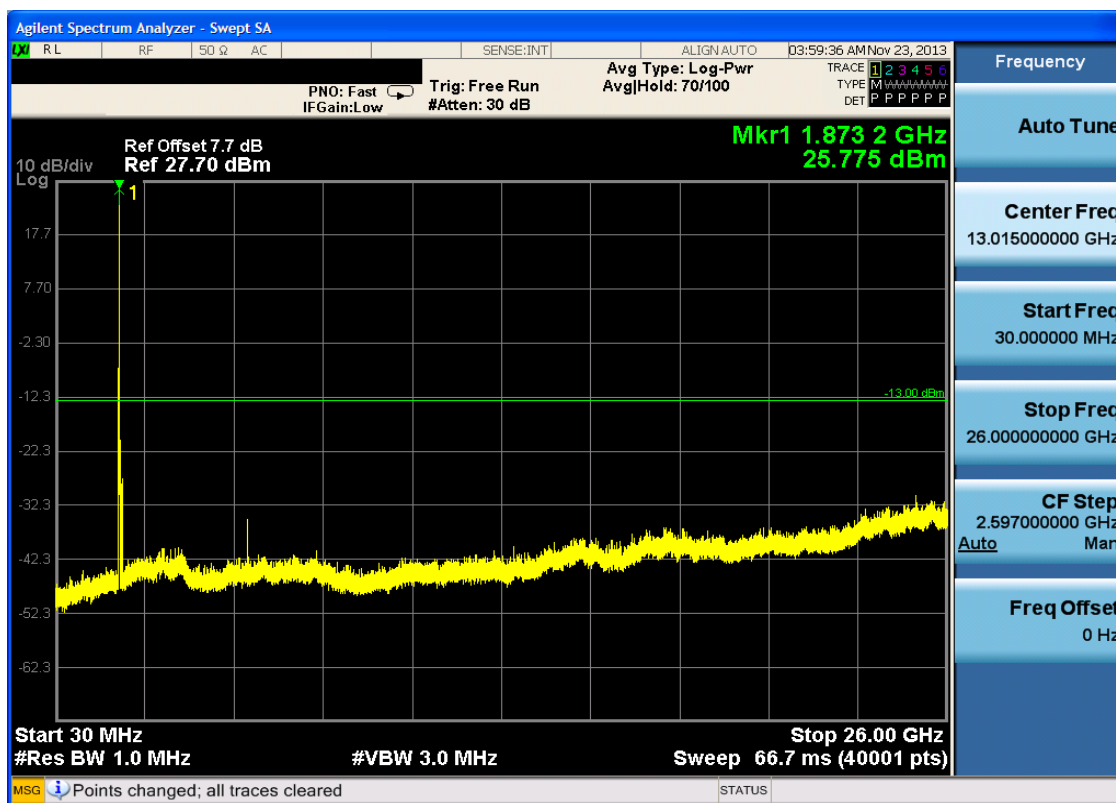


6.3.1.1.5.2 Test Channel = MCH

6.3.1.1.5.2.1 Test RB = RB1#0

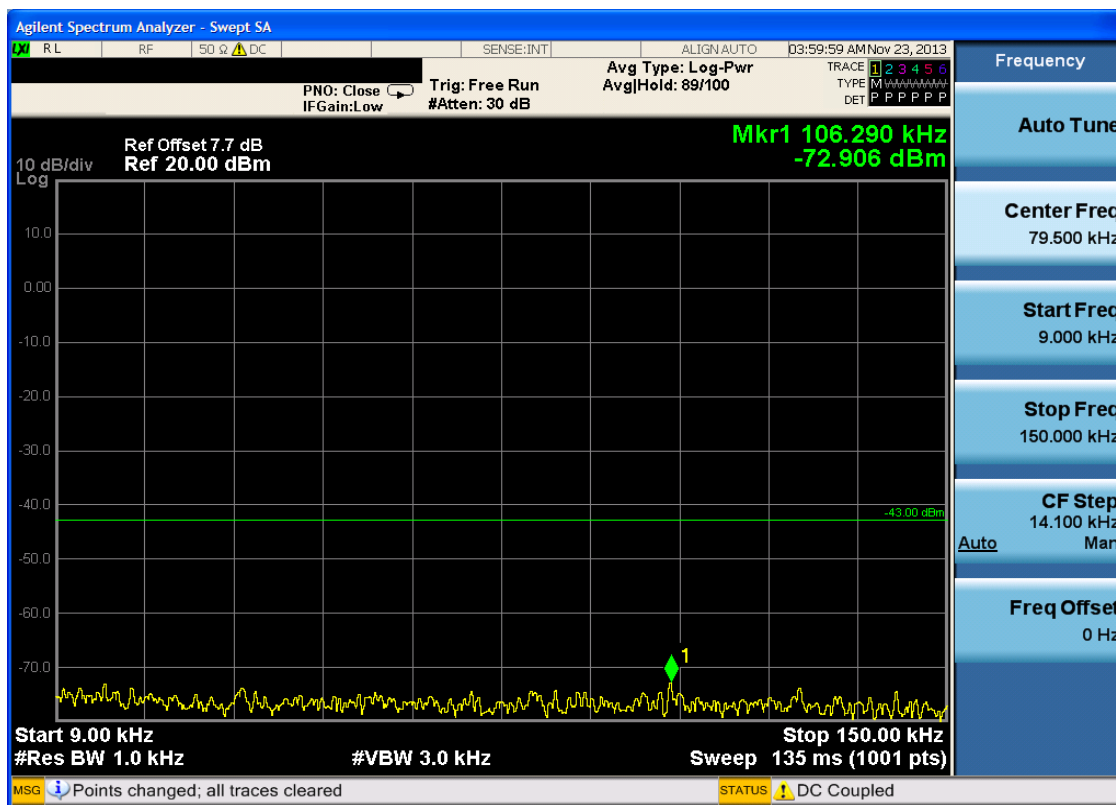


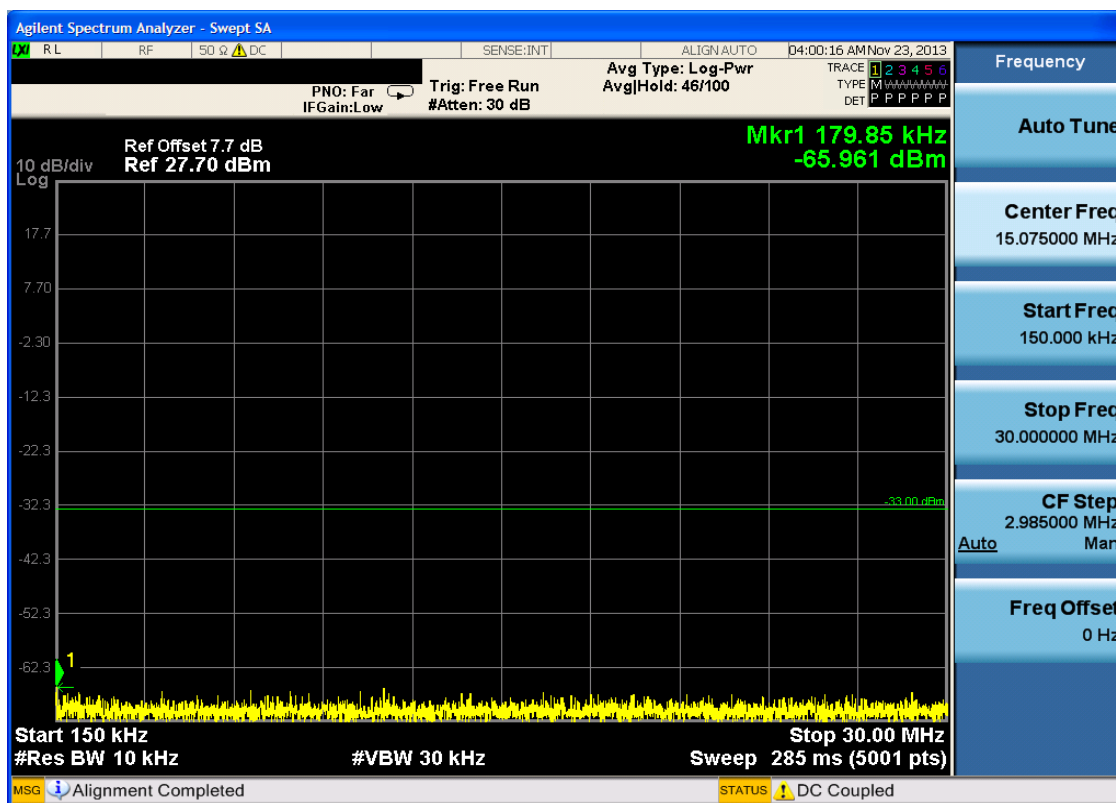


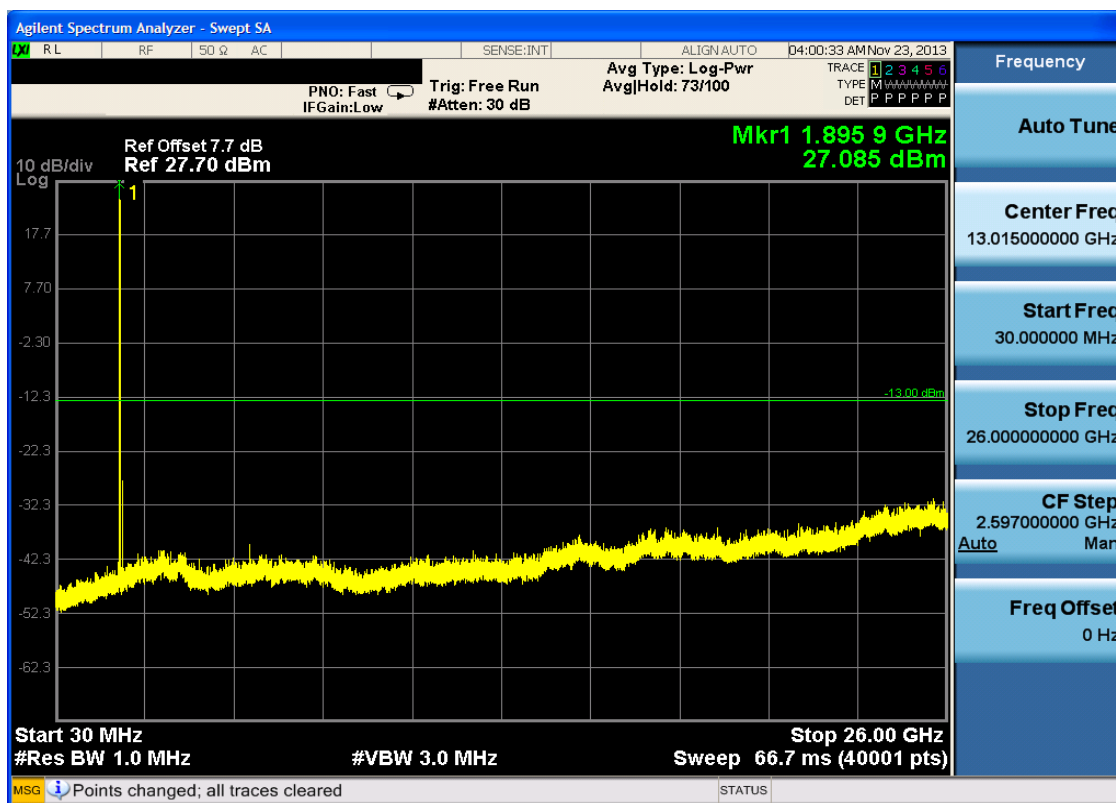


6.3.1.1.5.3 Test Channel = HCH

6.3.1.1.5.3.1 Test RB = RB1#0



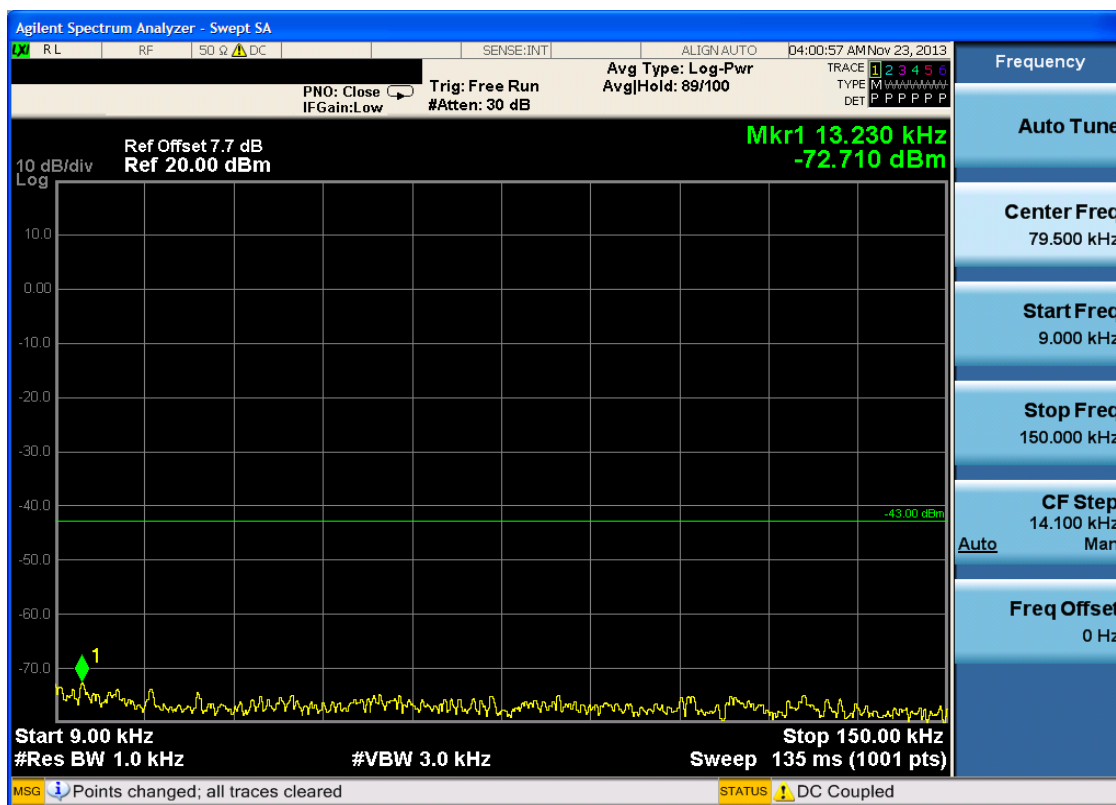


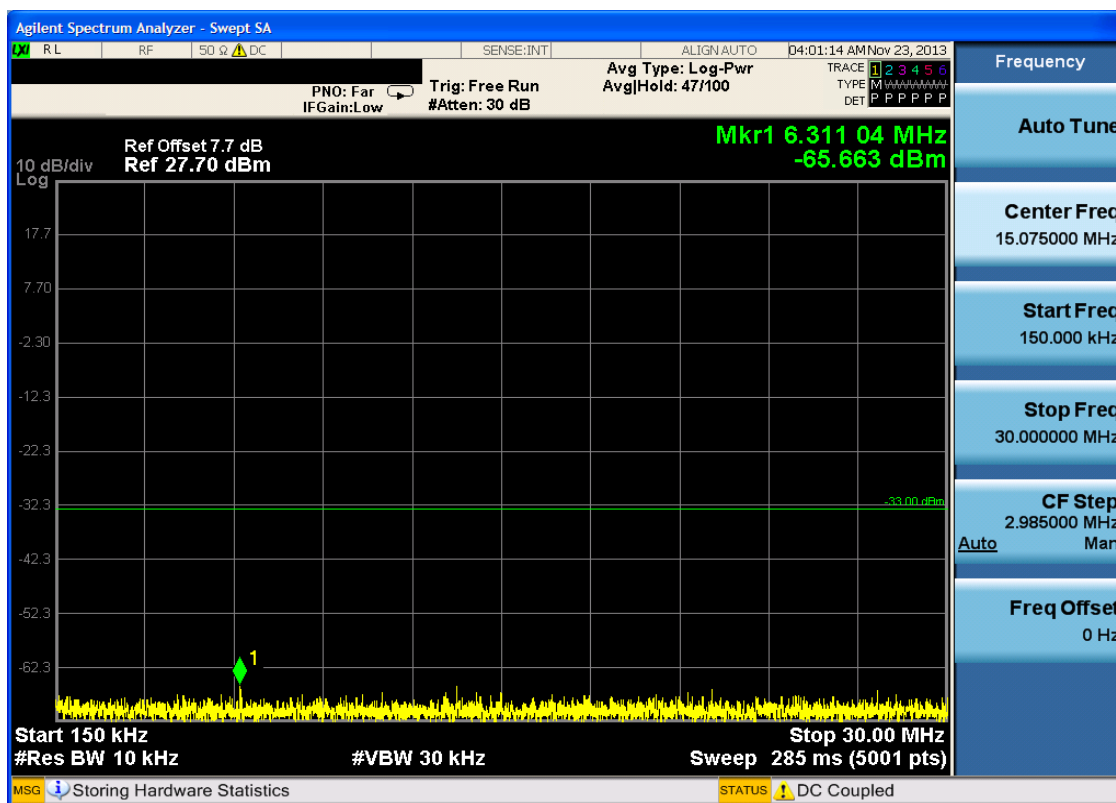


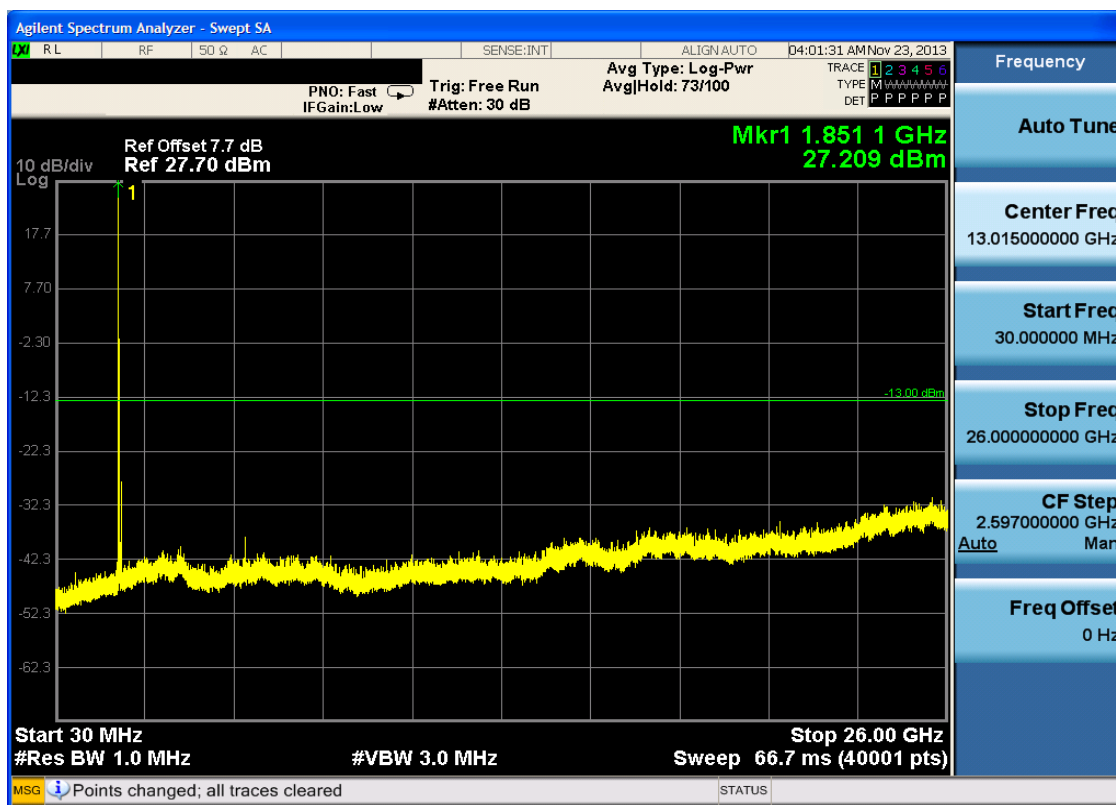
6.3.1.1.6 Test Bandwidth = 20

6.3.1.1.6.1 Test Channel = LCH

6.3.1.1.6.1.1 Test RB = RB1#0

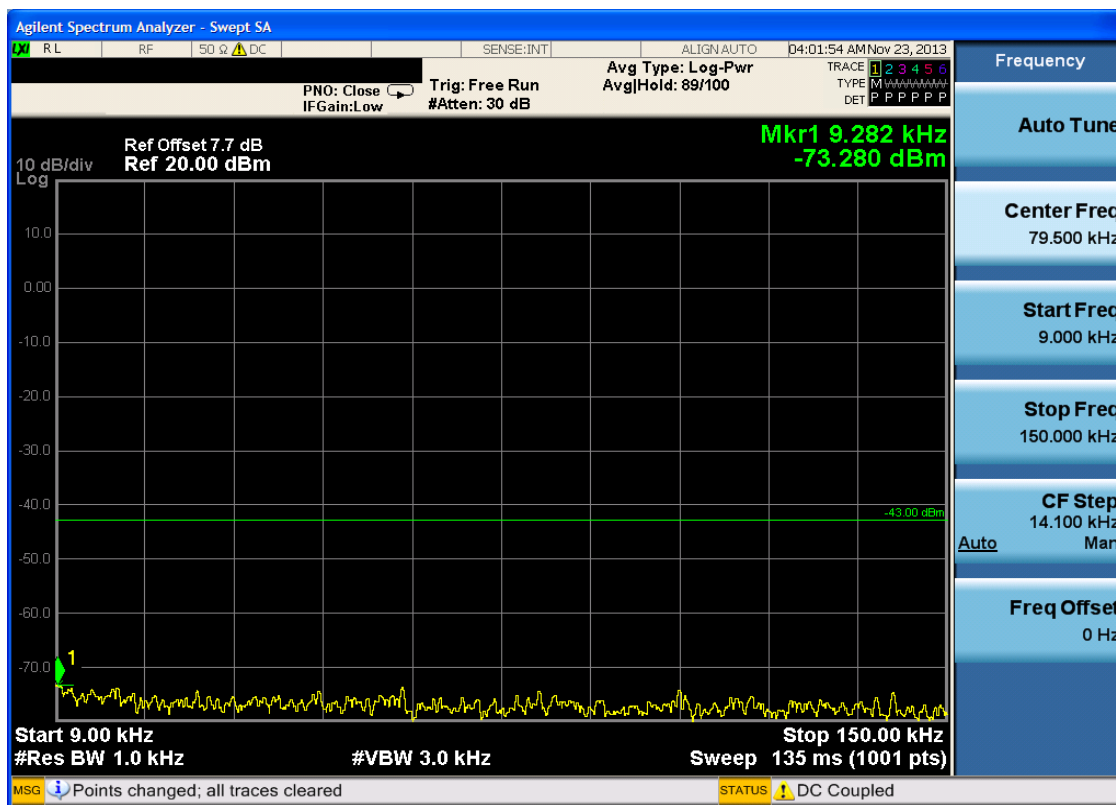


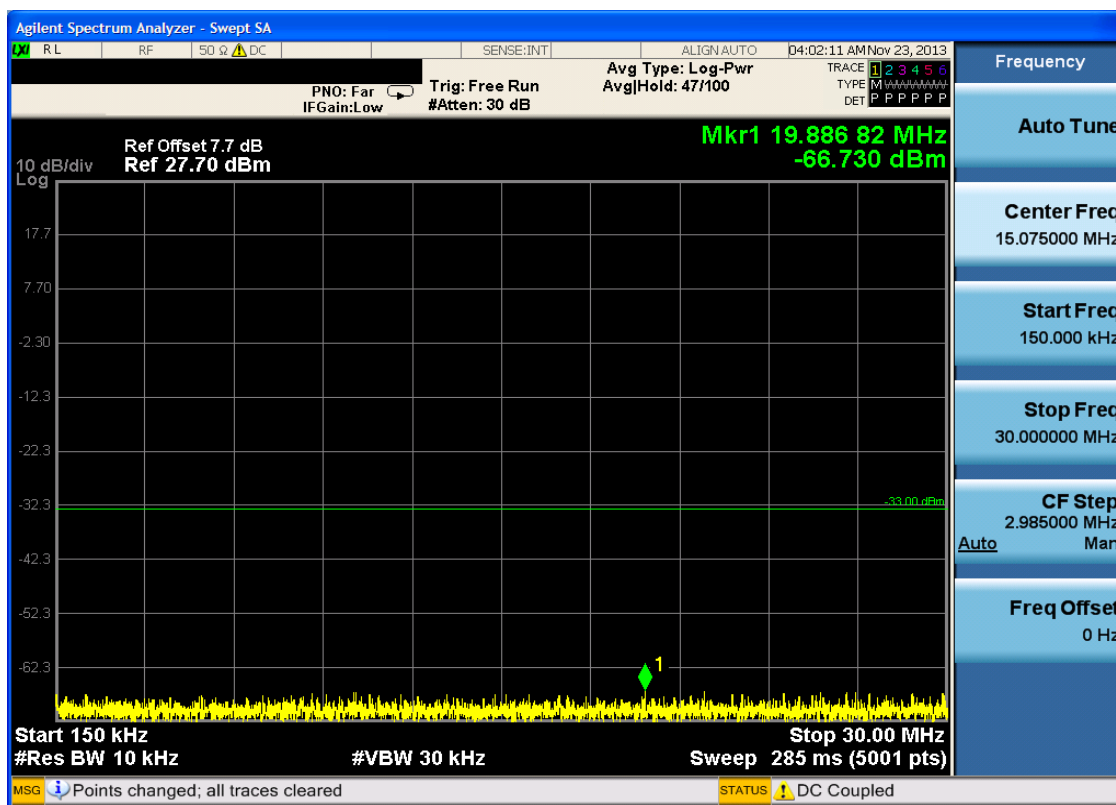


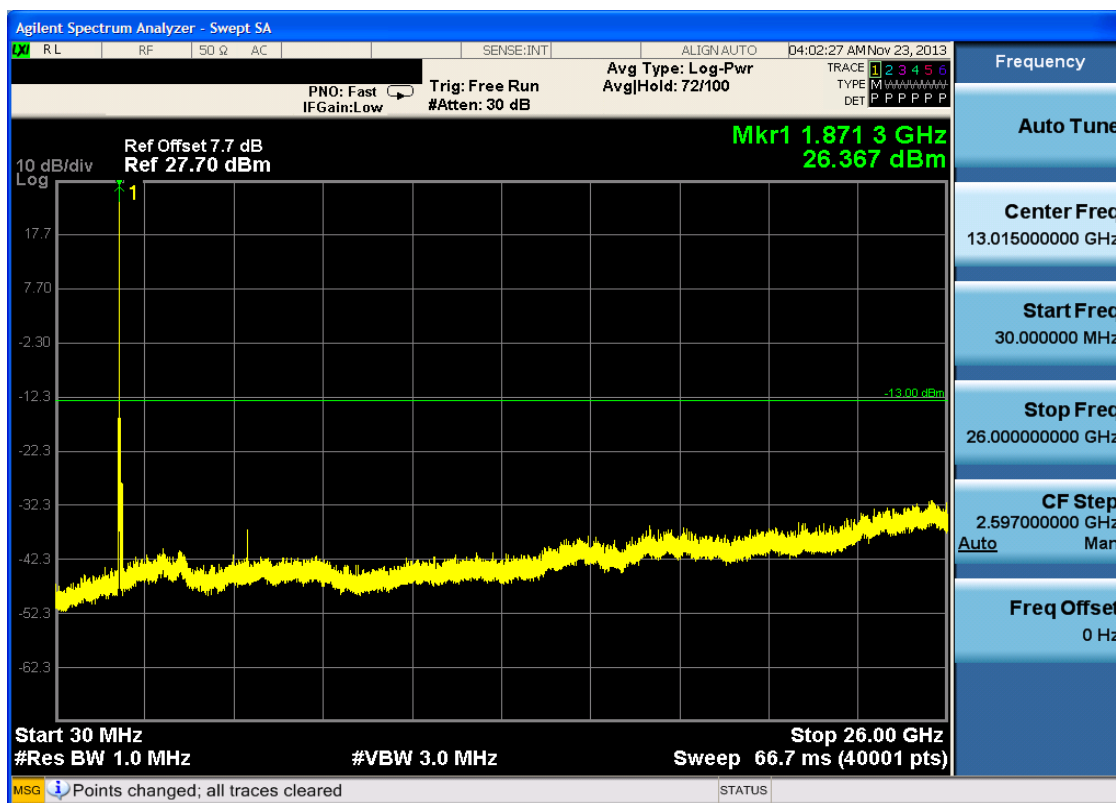


6.3.1.1.6.2 Test Channel = MCH

6.3.1.1.6.2.1 Test RB = RB1#0

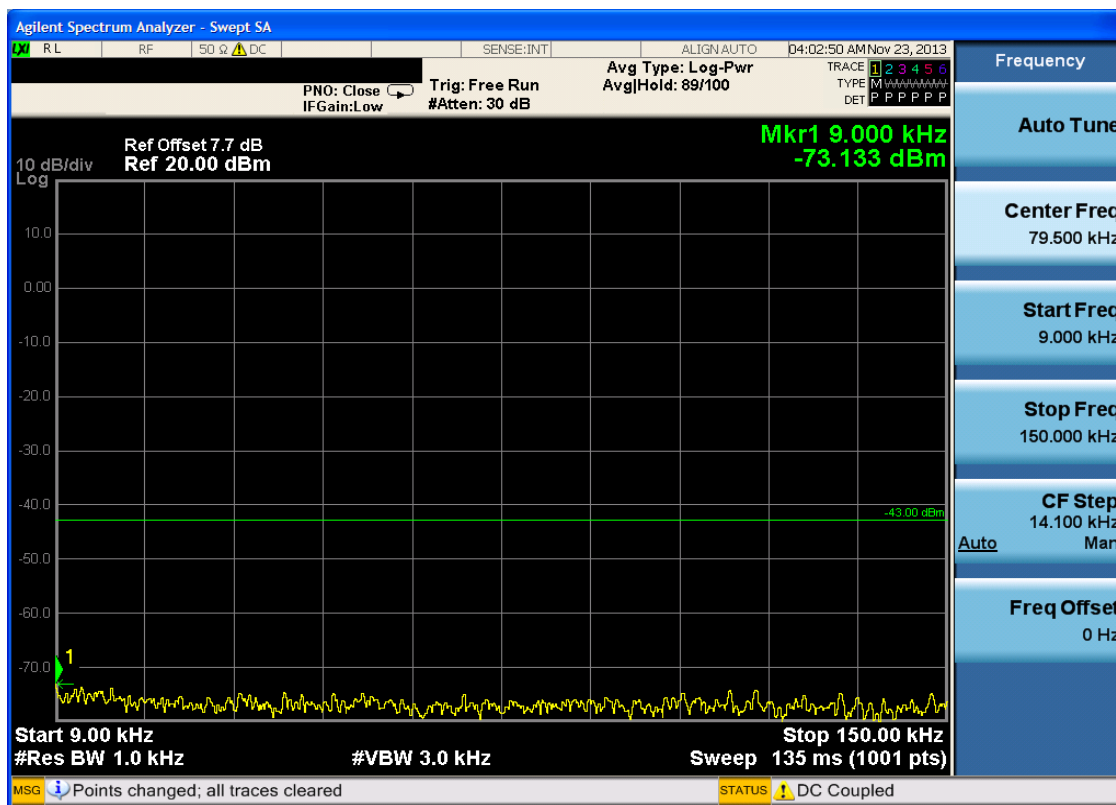


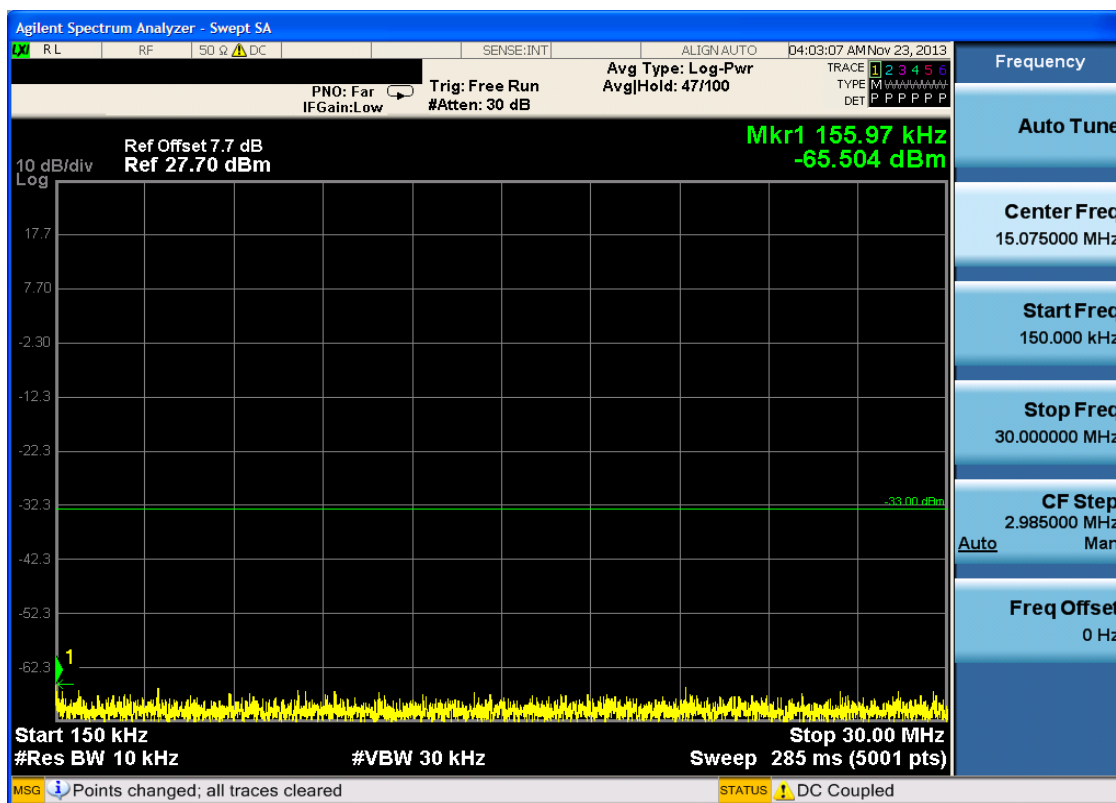




6.3.1.1.6.3 Test Channel = HCH

6.3.1.1.6.3.1 Test RB = RB1#0





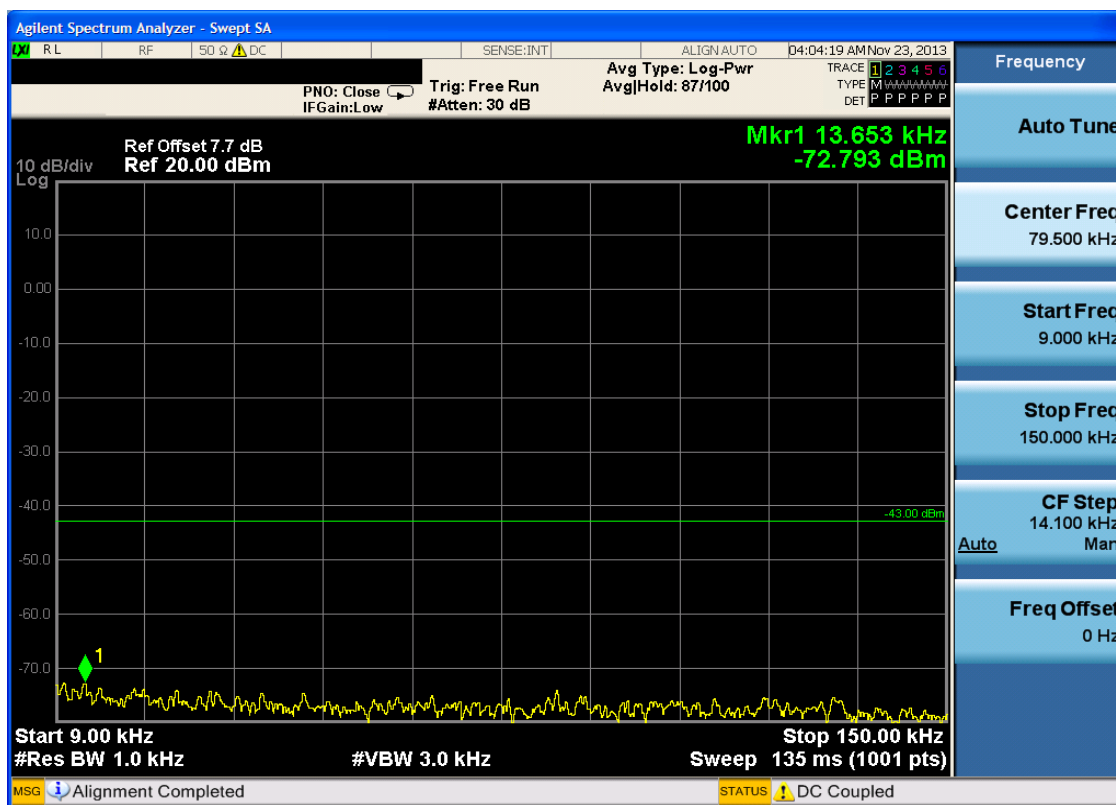


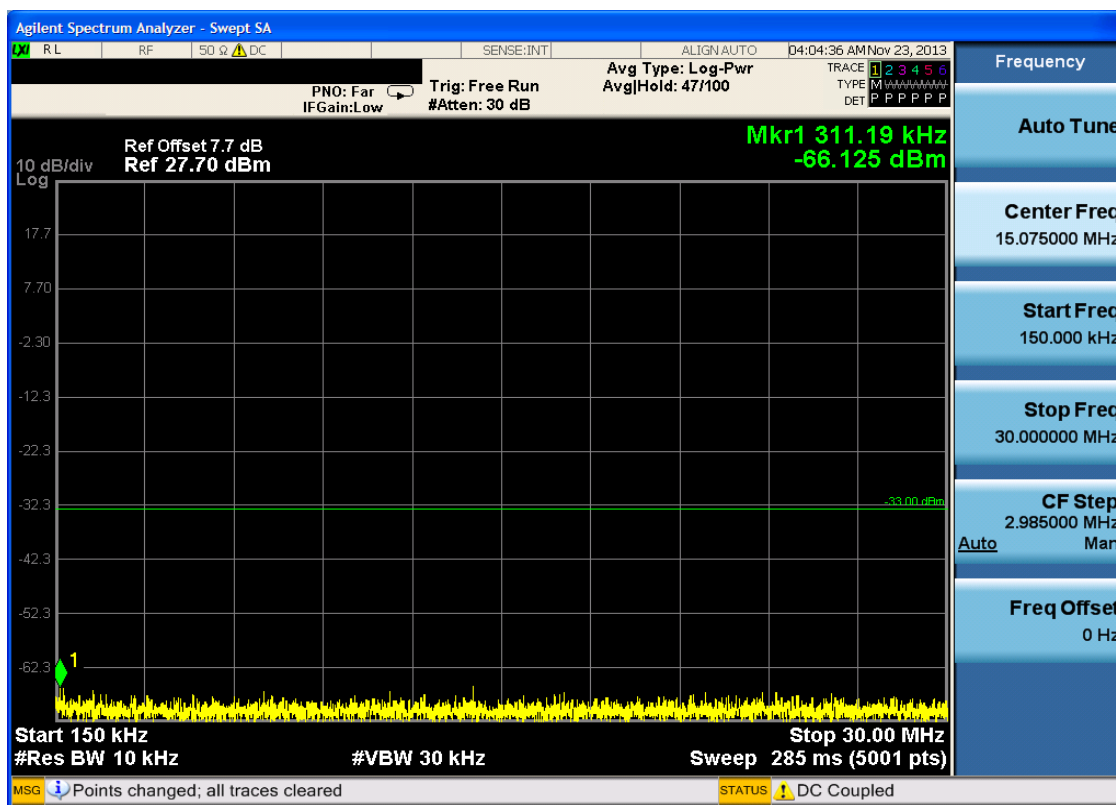
6.3.1.2 Test Mode = LTE/TM2

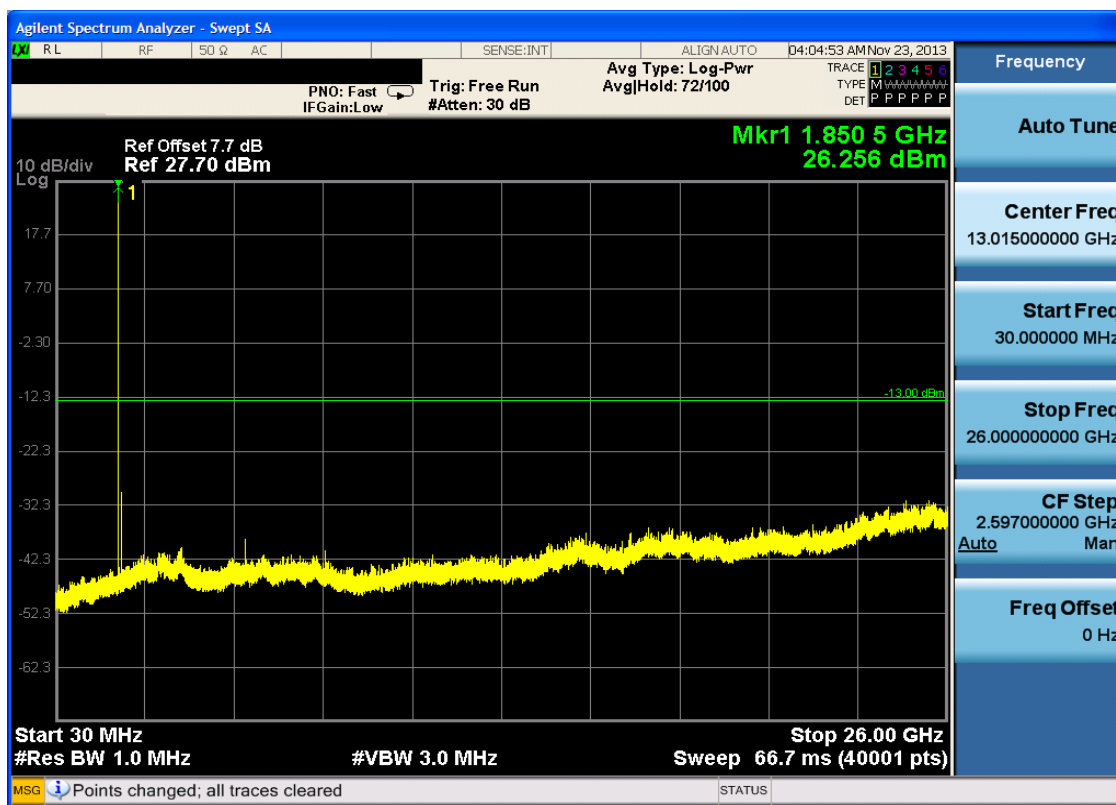
6.3.1.2.1 Test Bandwidth = 1.4

6.3.1.2.1.1 Test Channel = LCH

6.3.1.2.1.1.1 Test RB = RB1#0

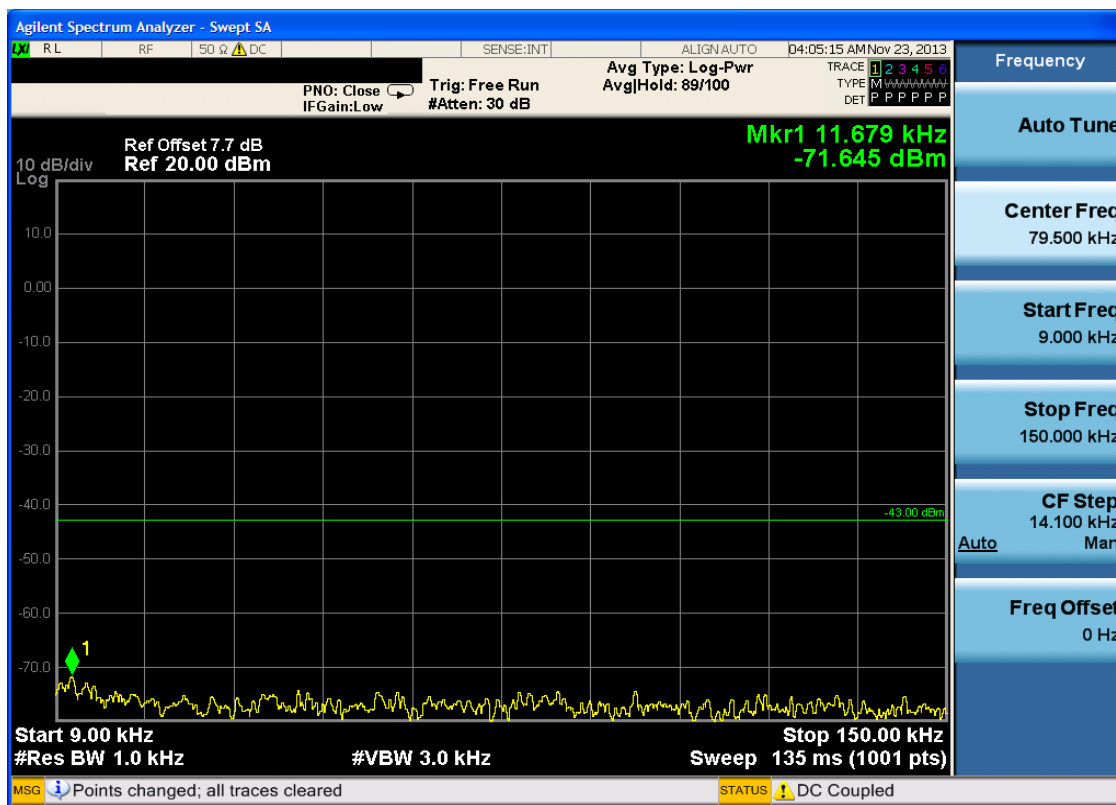


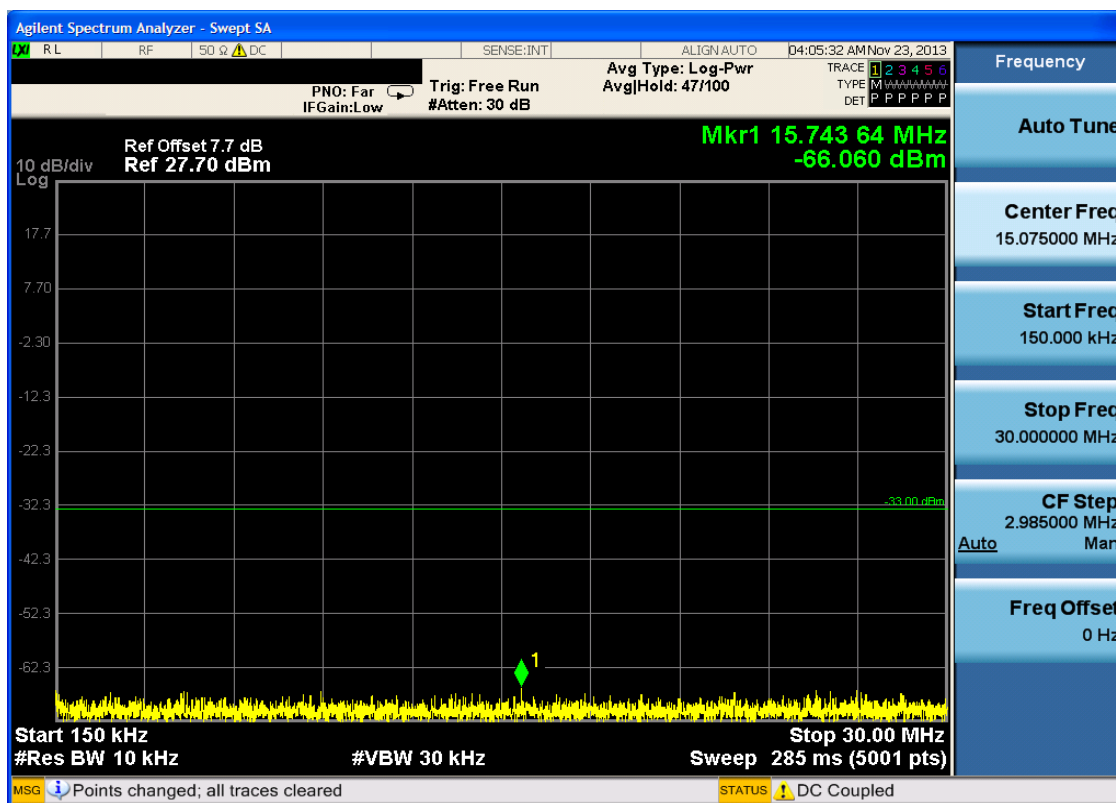


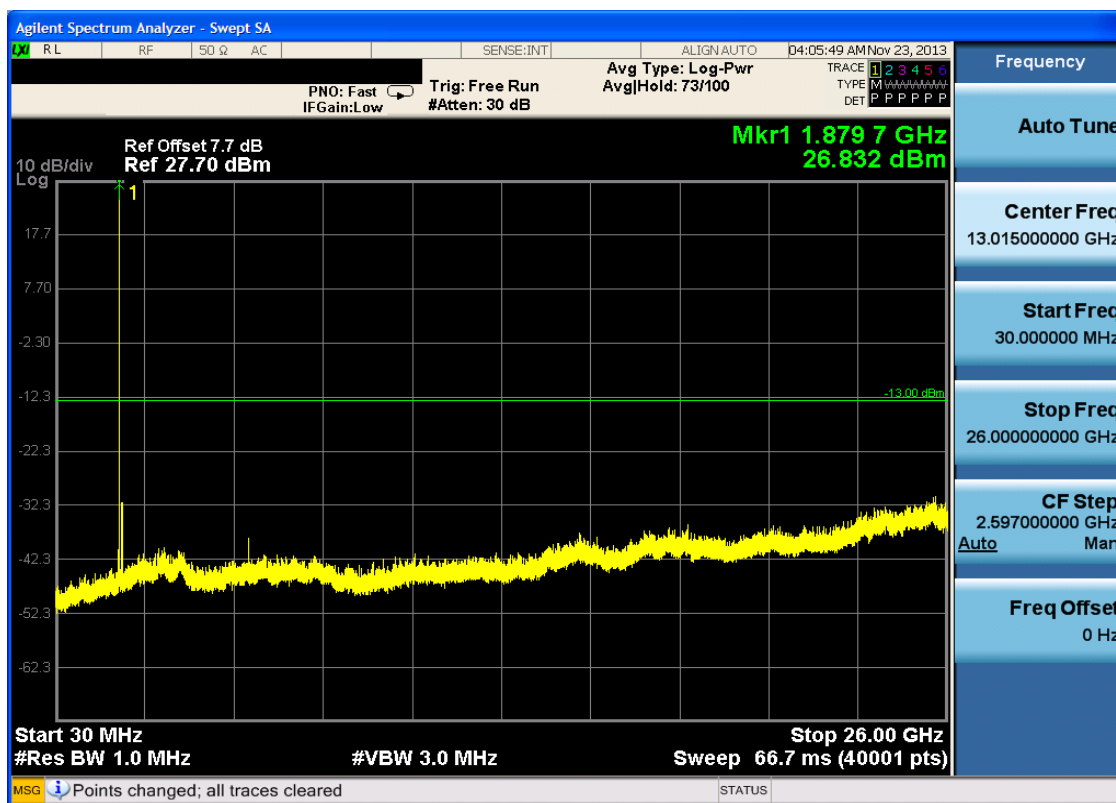


6.3.1.2.1.2 Test Channel = MCH

6.3.1.2.1.2.1 Test RB = RB1#0

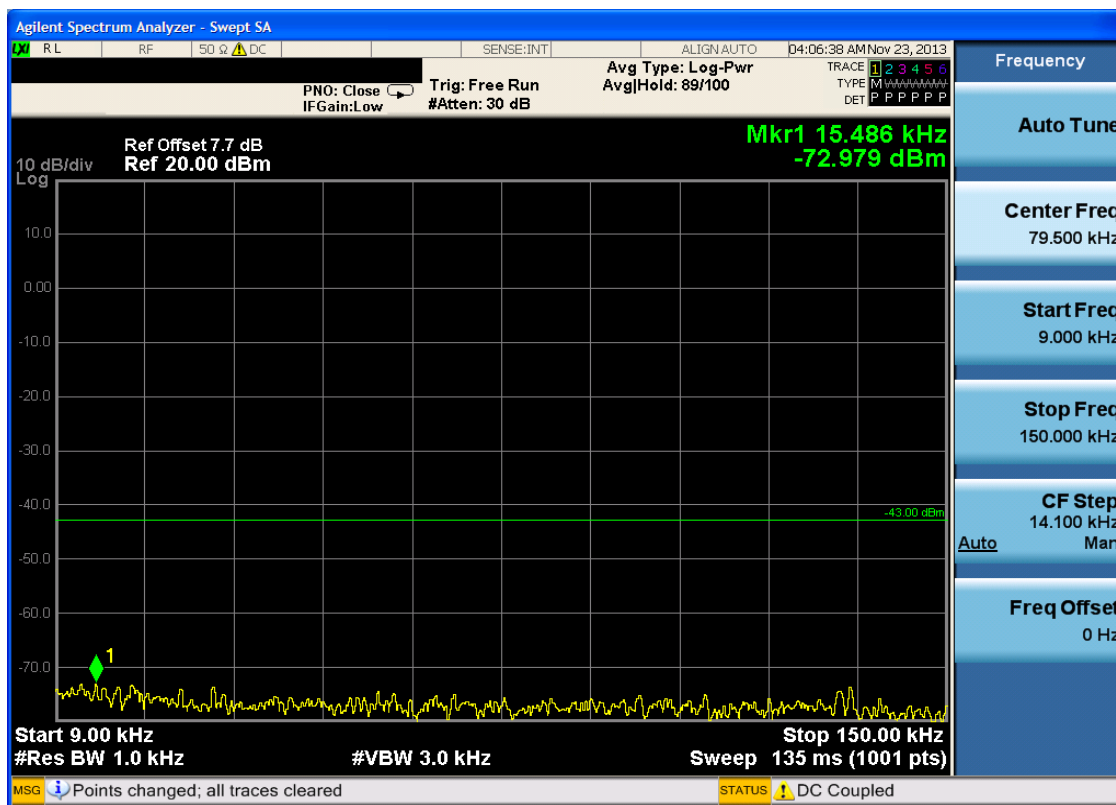


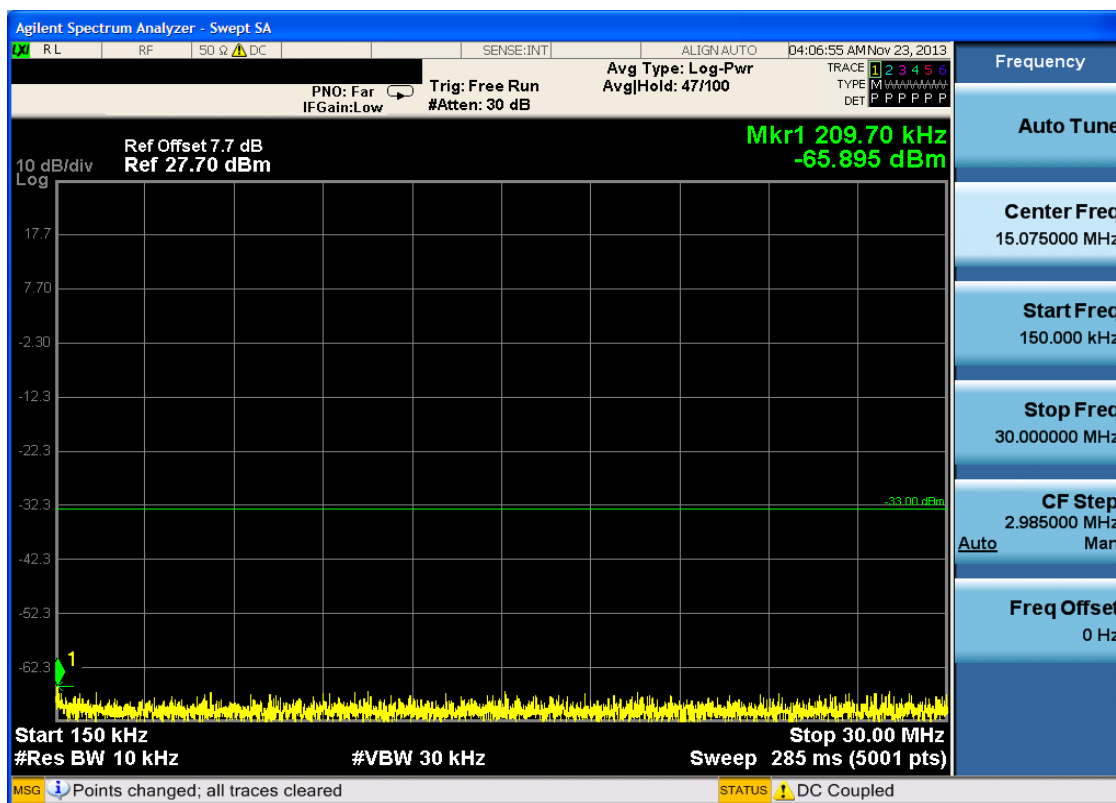


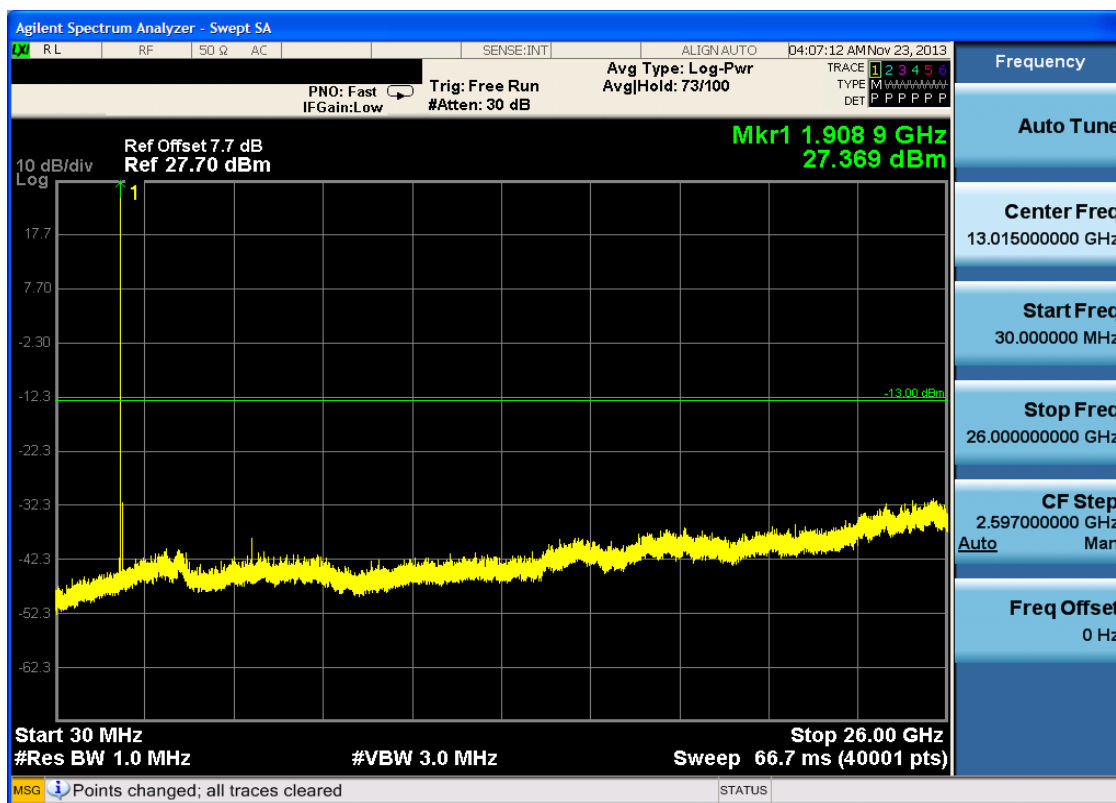


6.3.1.2.1.3 Test Channel = HCH

6.3.1.2.1.3.1 Test RB = RB1#0



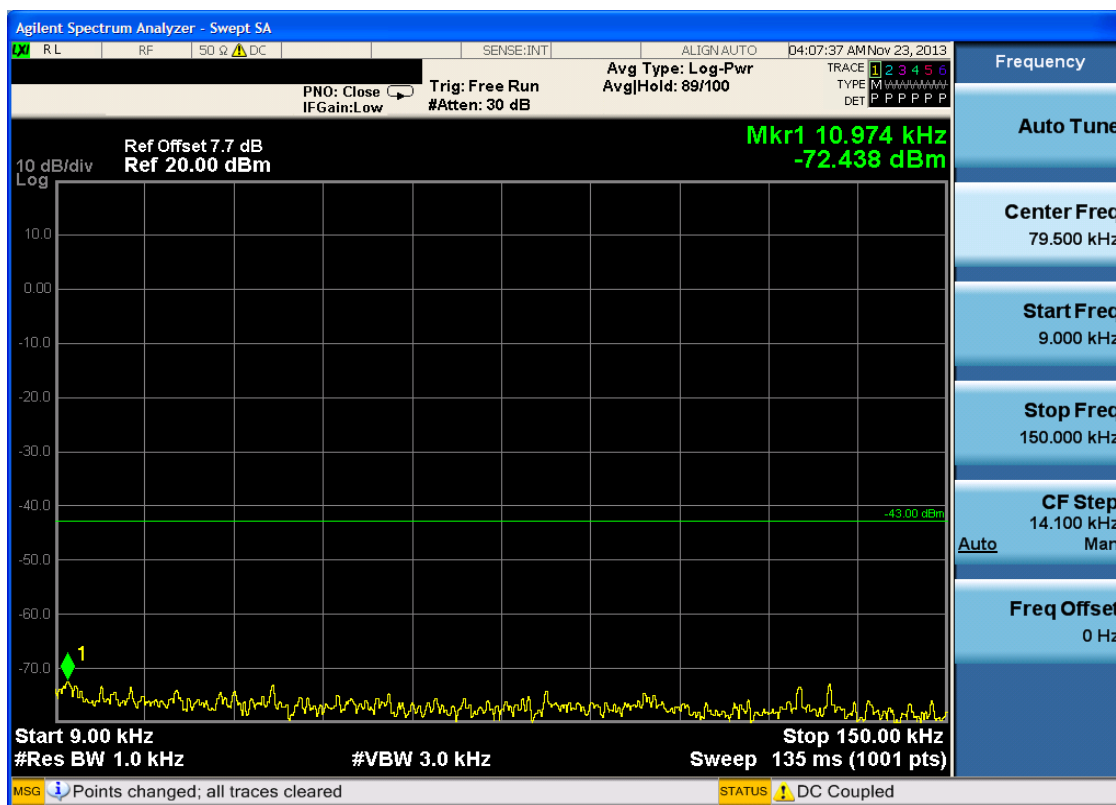


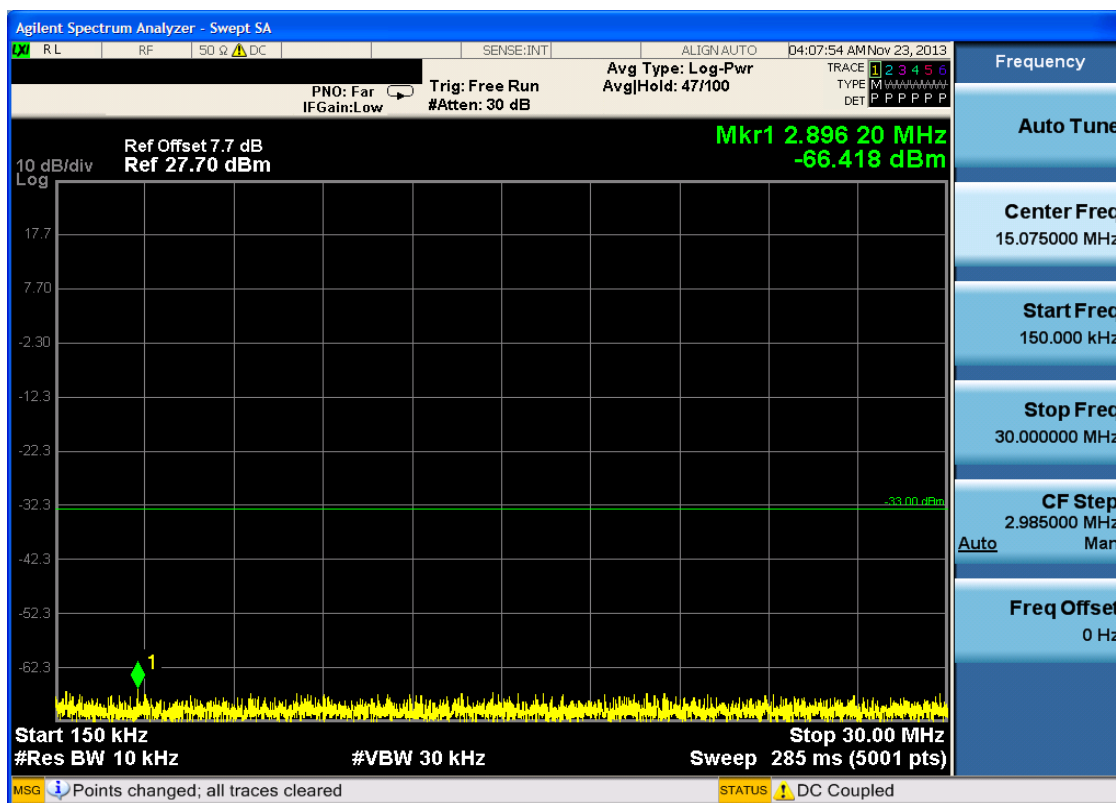


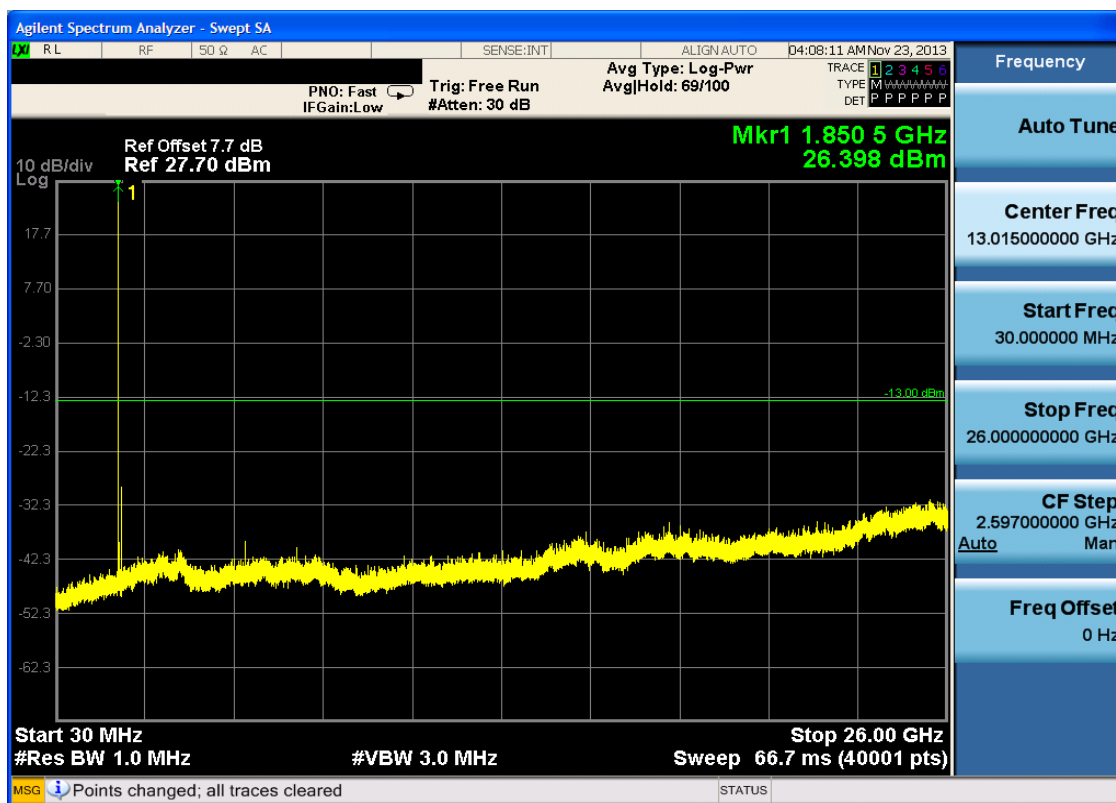
6.3.1.2.2 Test Bandwidth = 3

6.3.1.2.2.1 Test Channel = LCH

6.3.1.2.2.1.1 Test RB = RB1#0







6.3.1.2.2.2 Test Channel = MCH

6.3.1.2.2.2.1 Test RB = RB1#0

