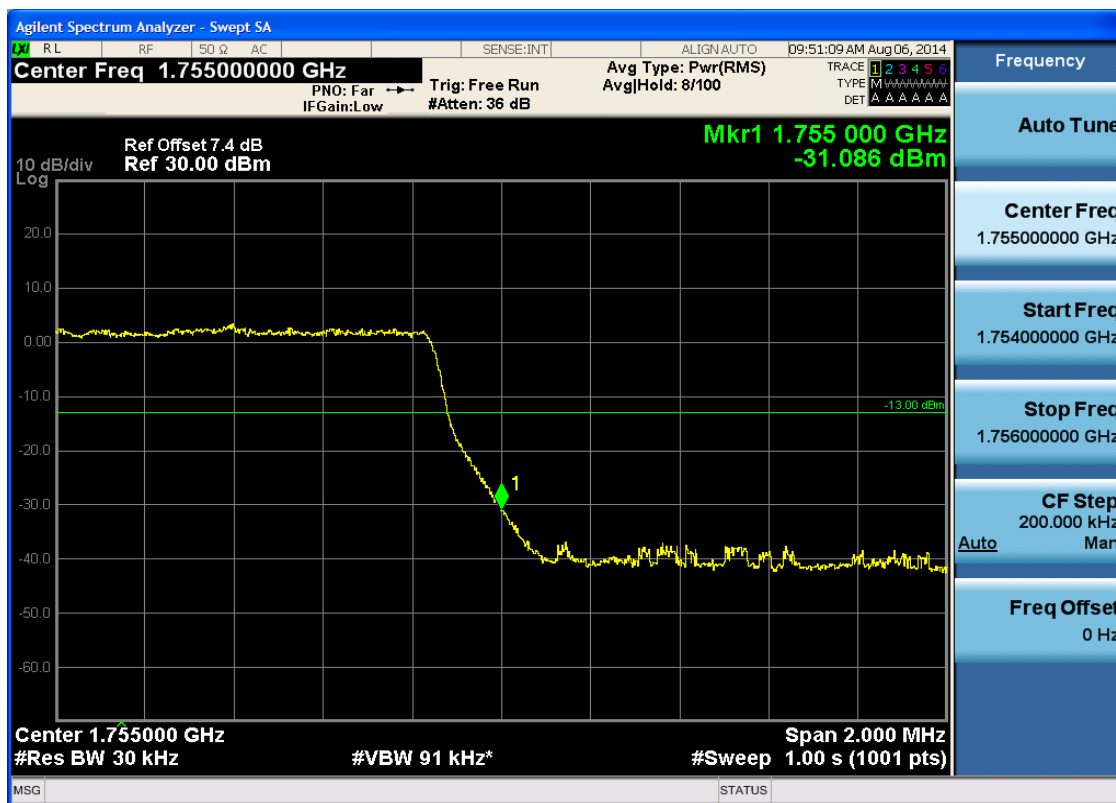




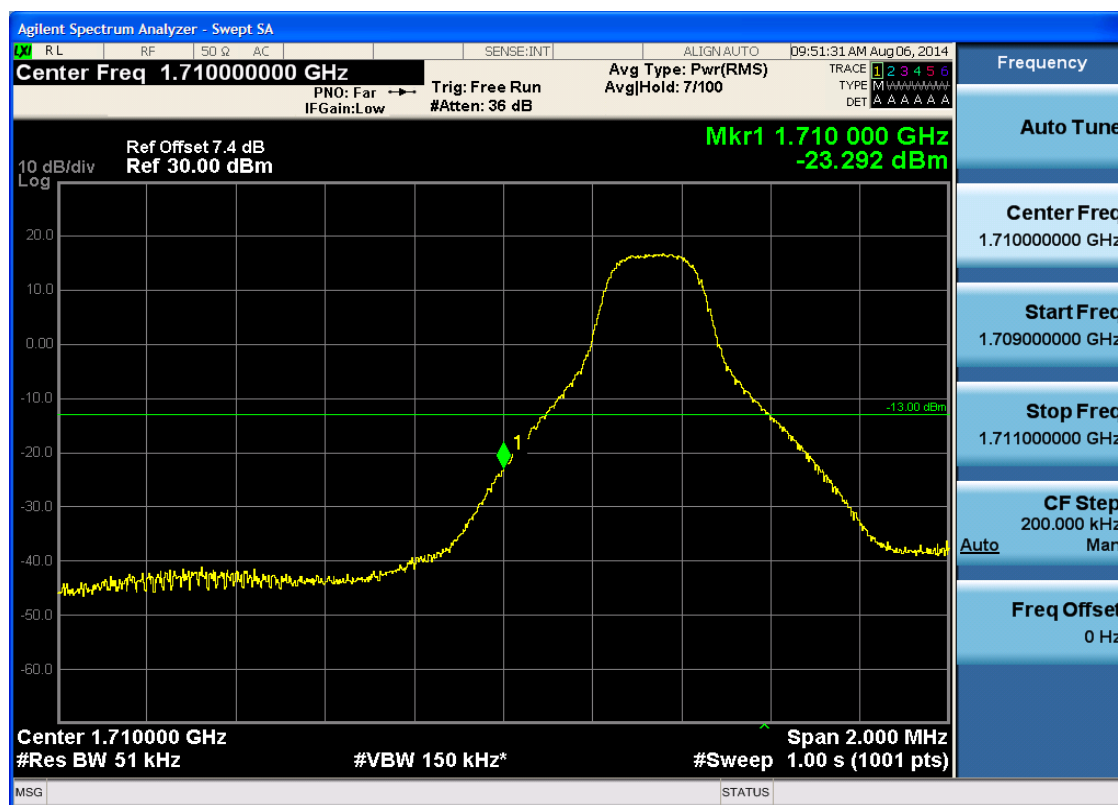
5.3.2.2.2.4 Test RB = RB15#0



5.3.2.2.3 Test Bandwidth = 5

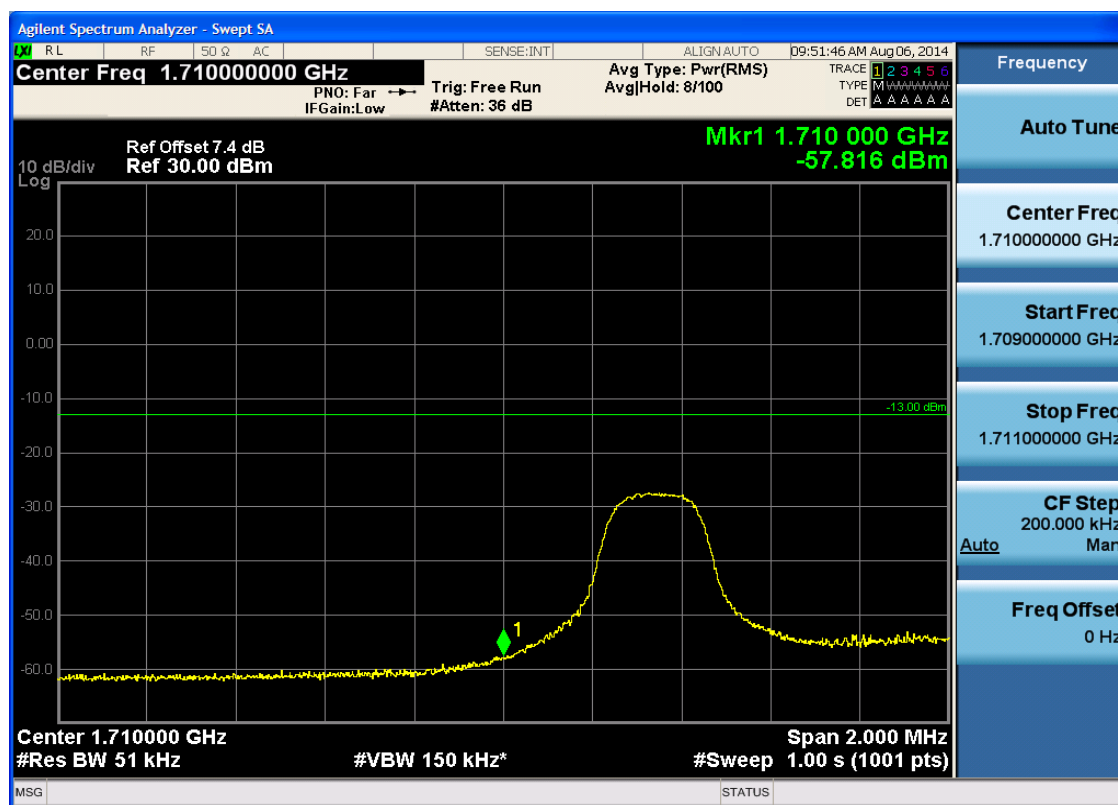
5.3.2.2.3.1 Test Channel = LCH

5.3.2.2.3.1.1 Test RB = RB1#0



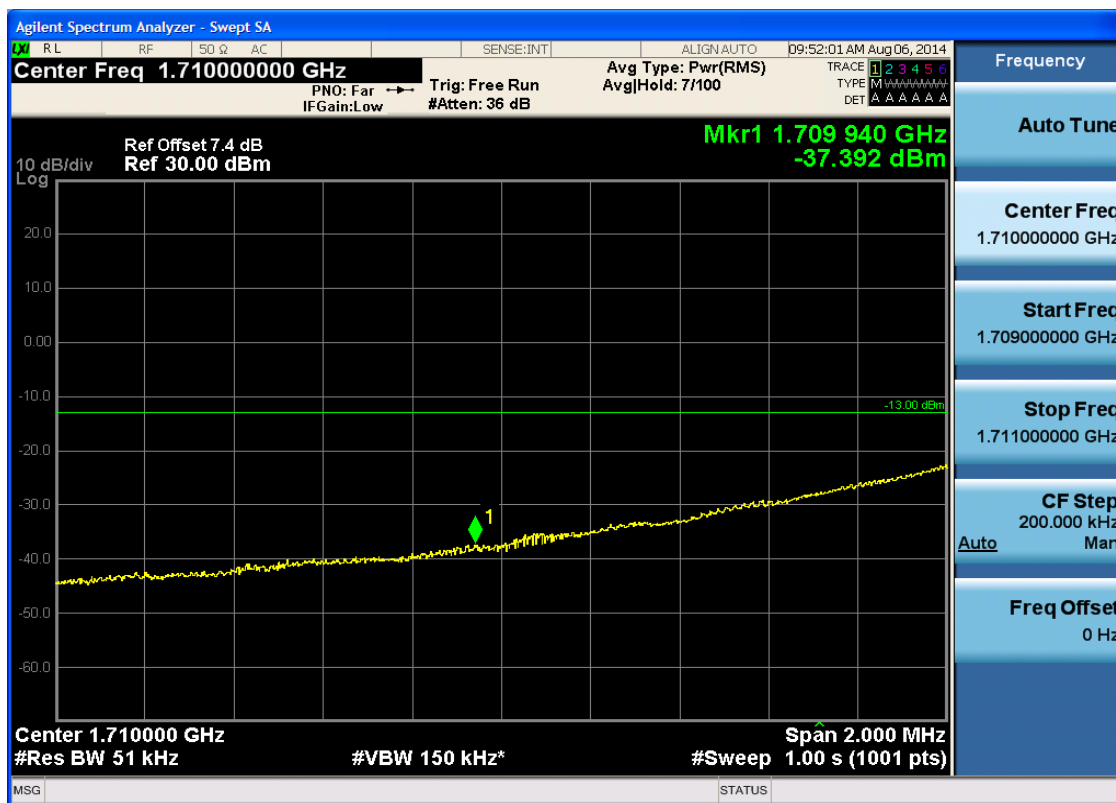


5.3.2.2.3.1.2 Test RB = RB1#24



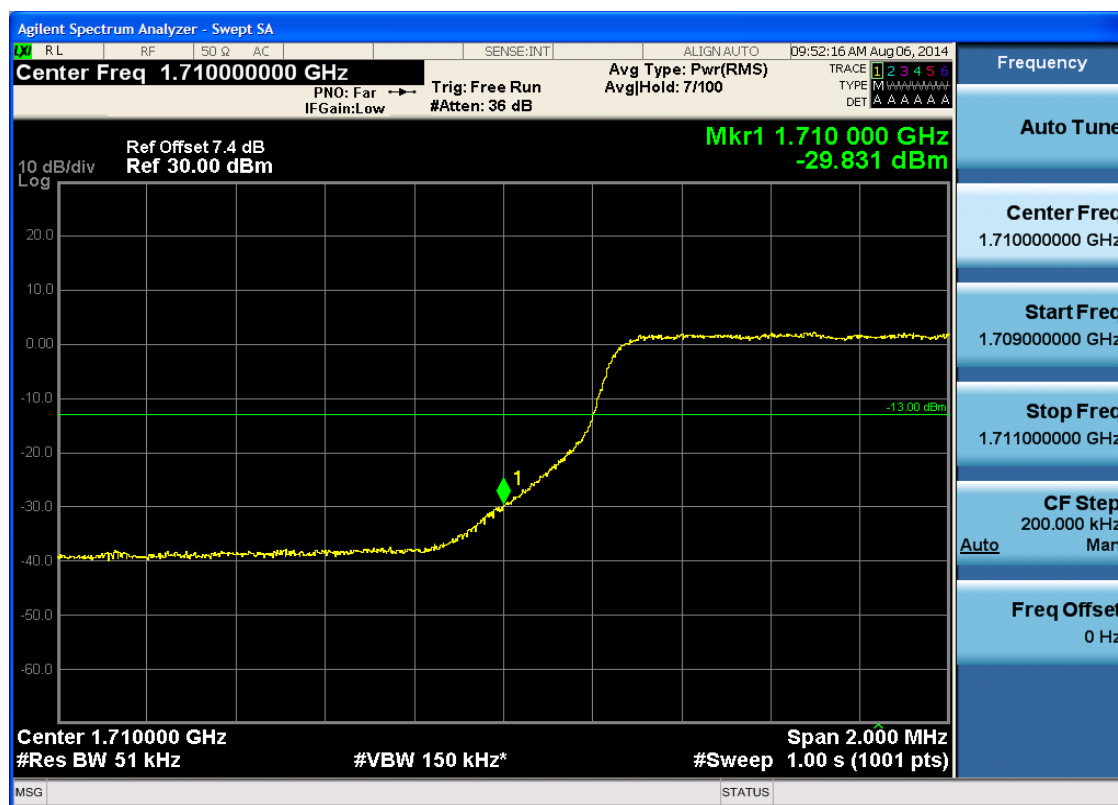


5.3.2.2.3.1.3 Test RB = RB12#6



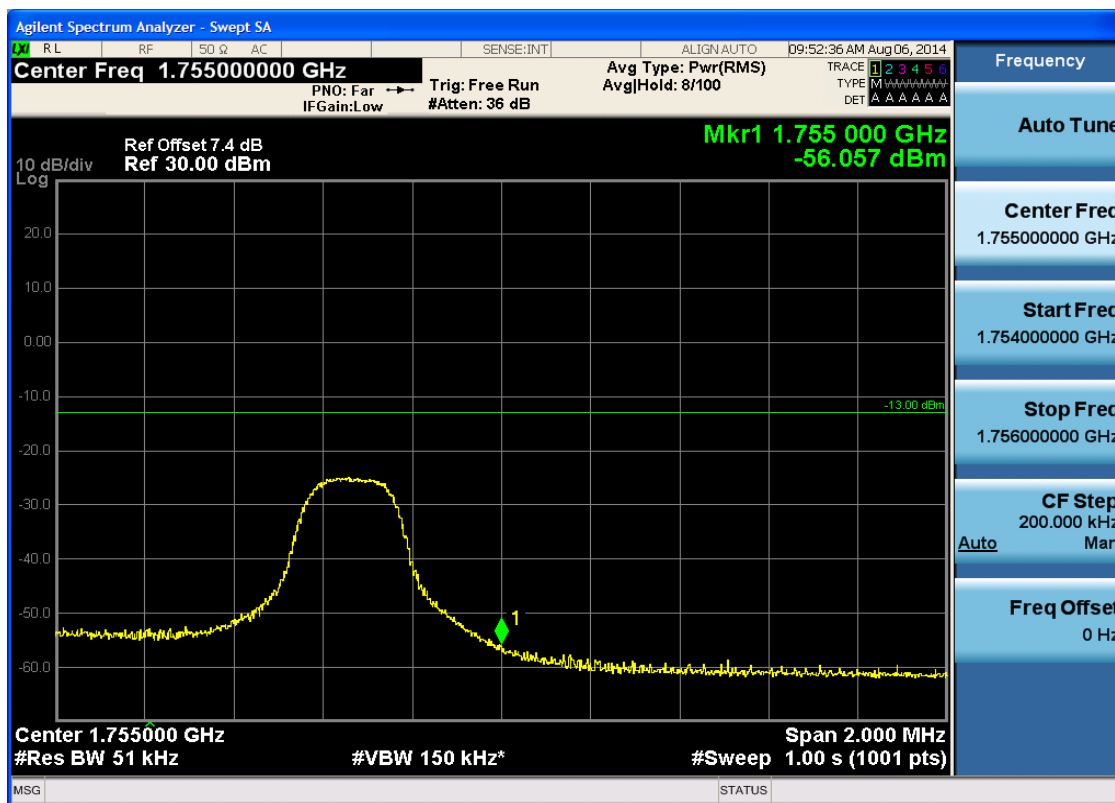


5.3.2.2.3.1.4 Test RB = RB25#0



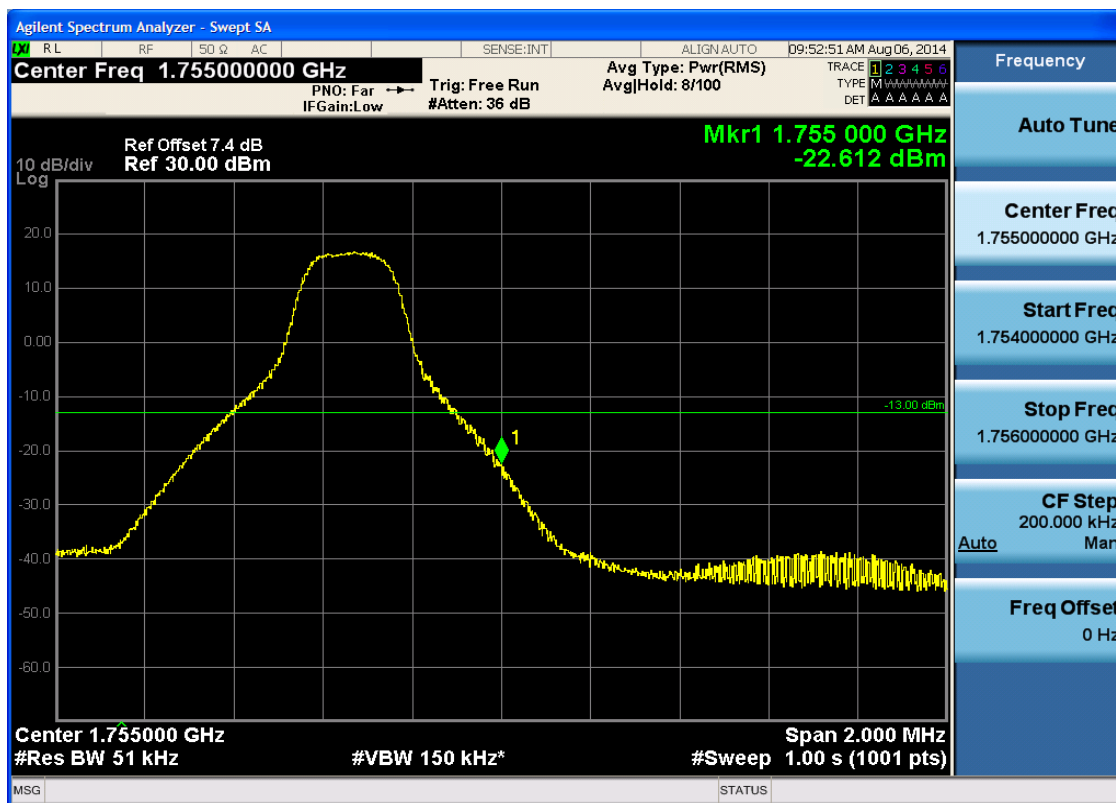


5.3.2.2.3.2.1 Test RB = RB1#0





5.3.2.2.3.2.2 Test RB = RB1#24





5.3.2.2.3.2.3 Test RB = RB12#6





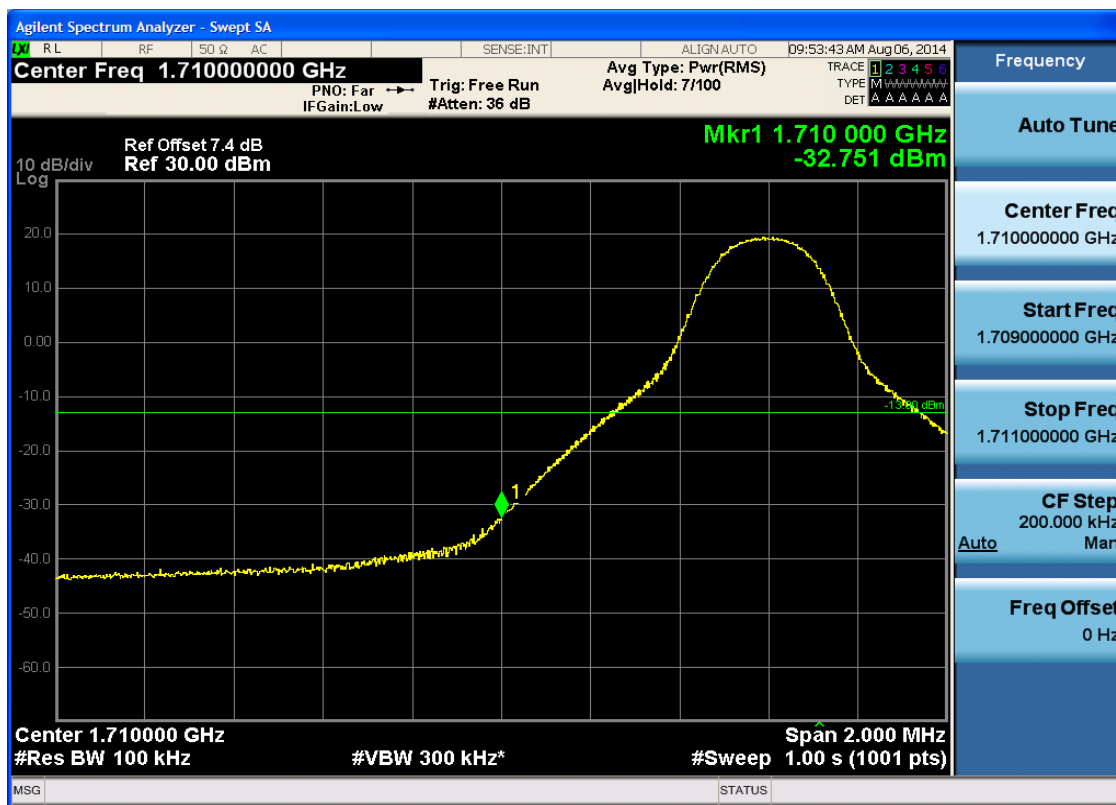
5.3.2.2.3.2.4 Test RB = RB25#0



5.3.2.2.4 Test Bandwidth = 10

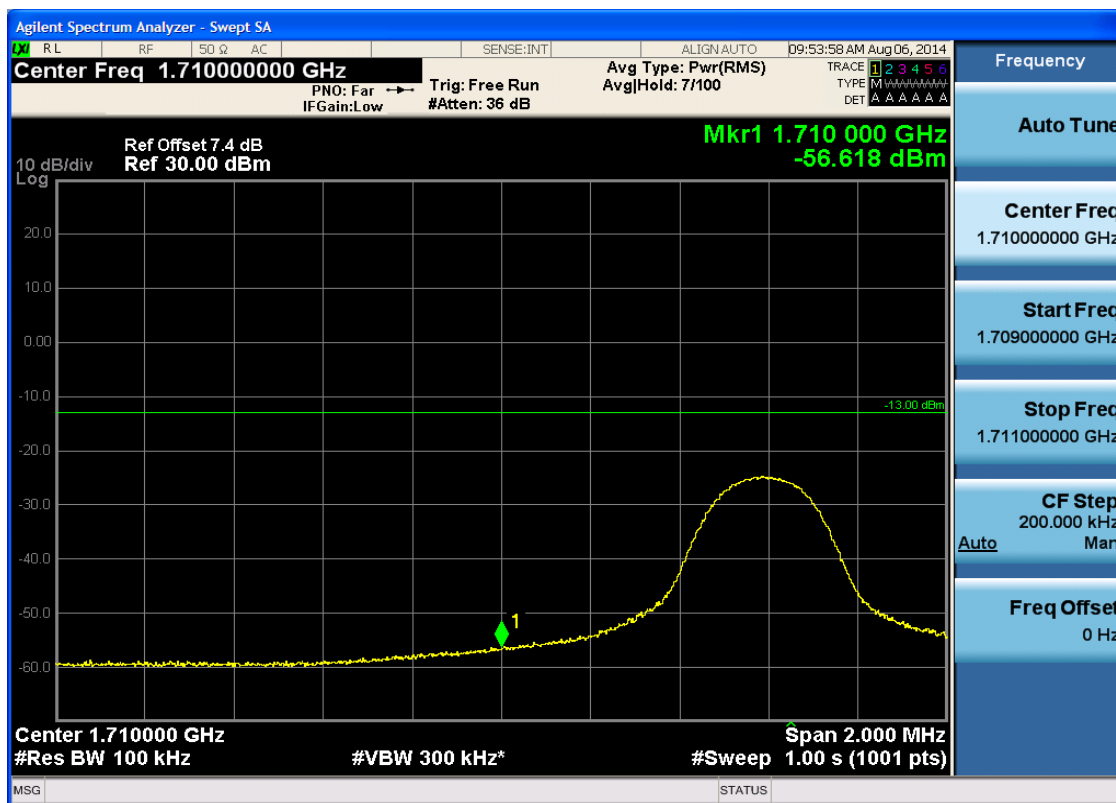
5.3.2.2.4.1 Test Channel = LCH

5.3.2.2.4.1.1 Test RB = RB1#0



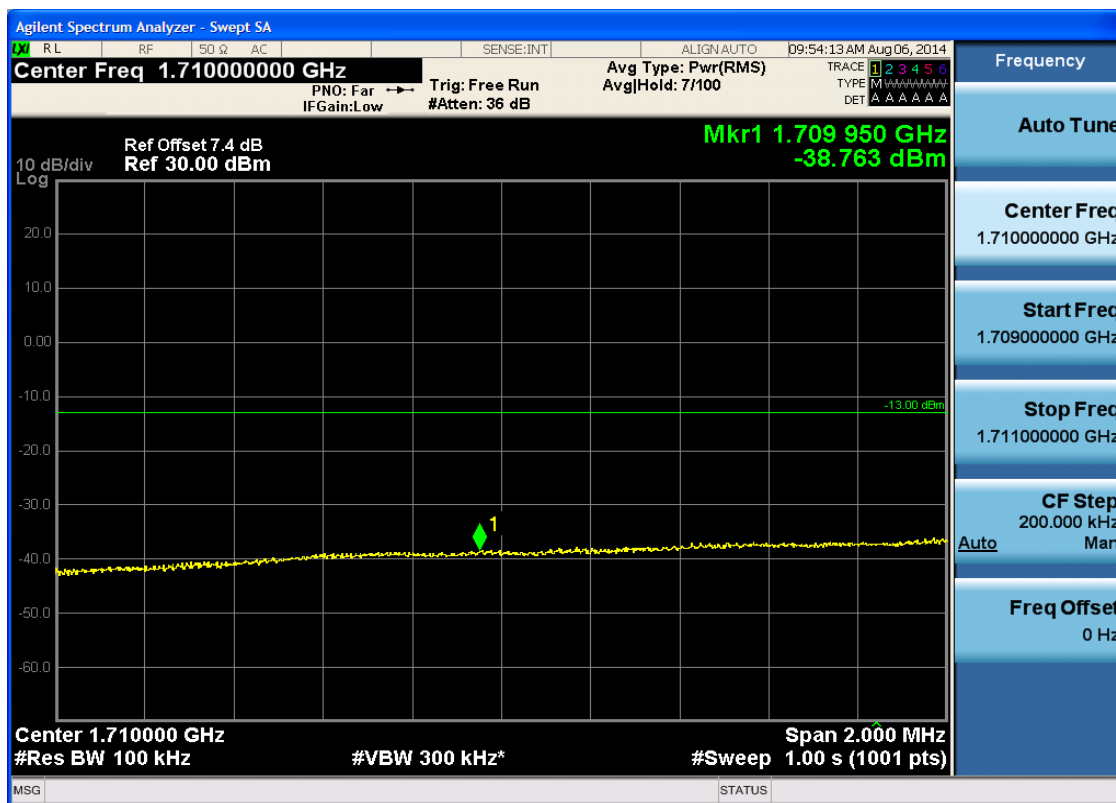


5.3.2.2.4.1.2 Test RB = RB1#49



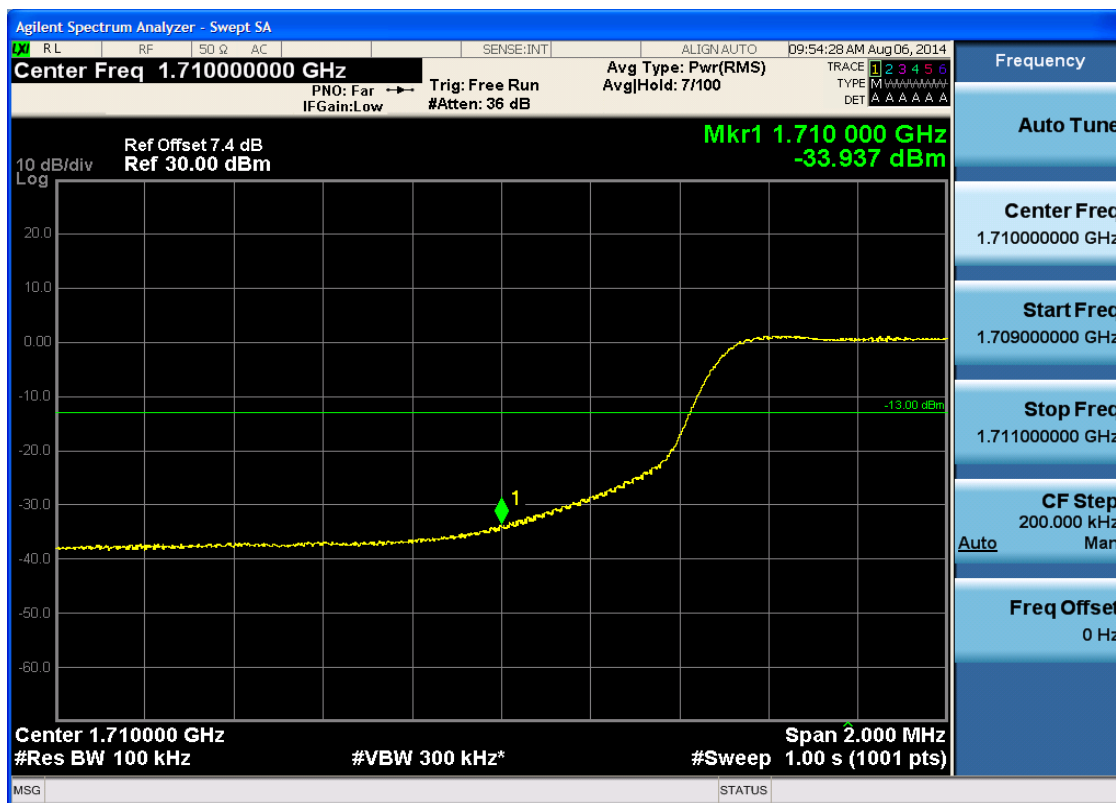


5.3.2.2.4.1.3 Test RB = RB25#13





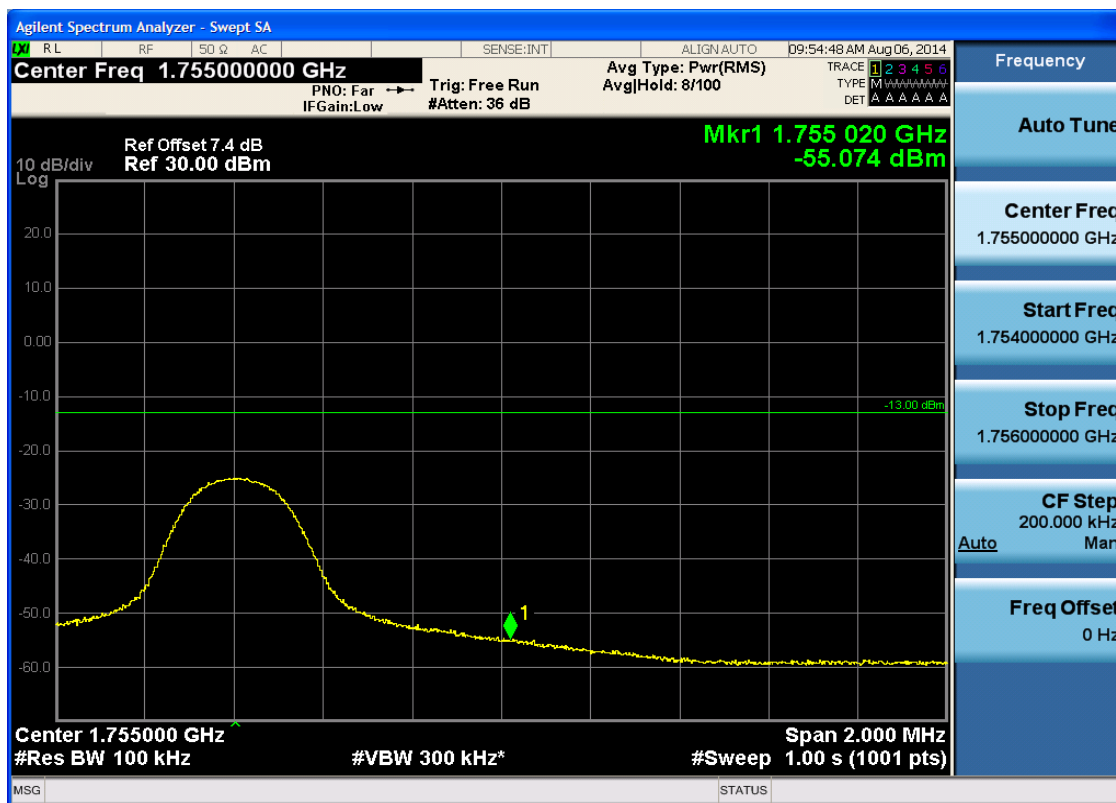
5.3.2.2.4.1.4 Test RB = RB50#0





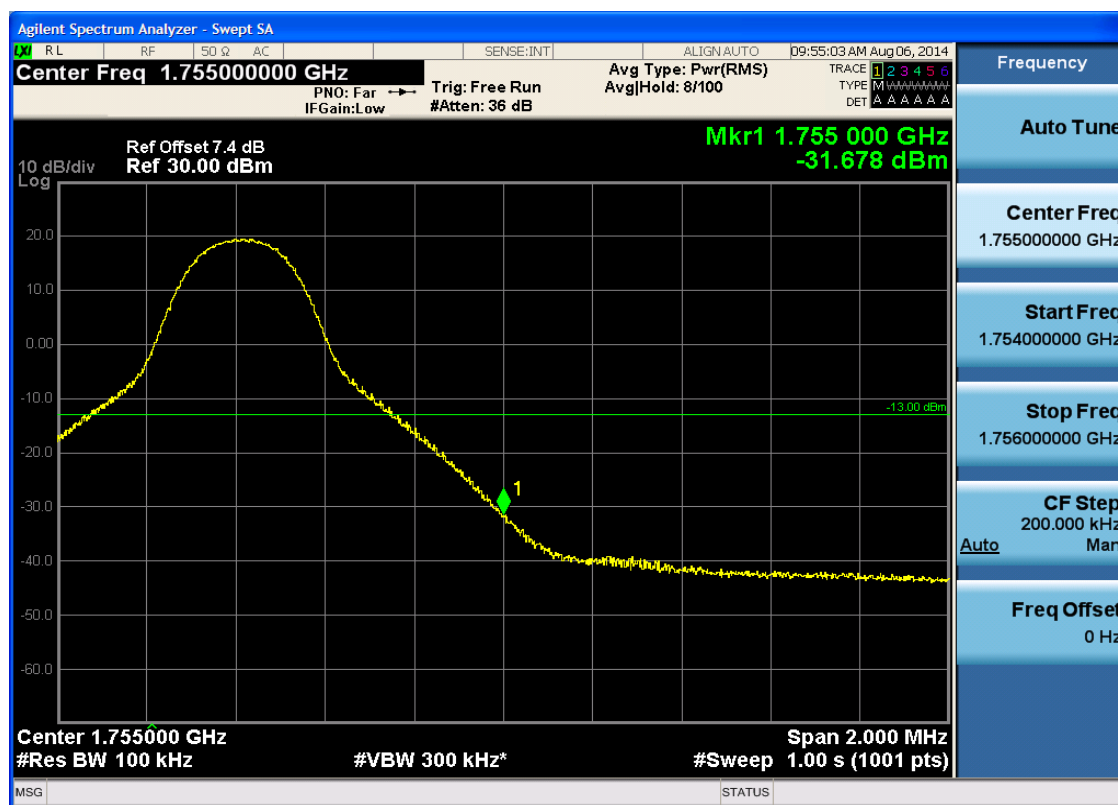
5.3.2.2.4.2 Test Channel = HCH

5.3.2.2.4.2.1 Test RB = RB1#0



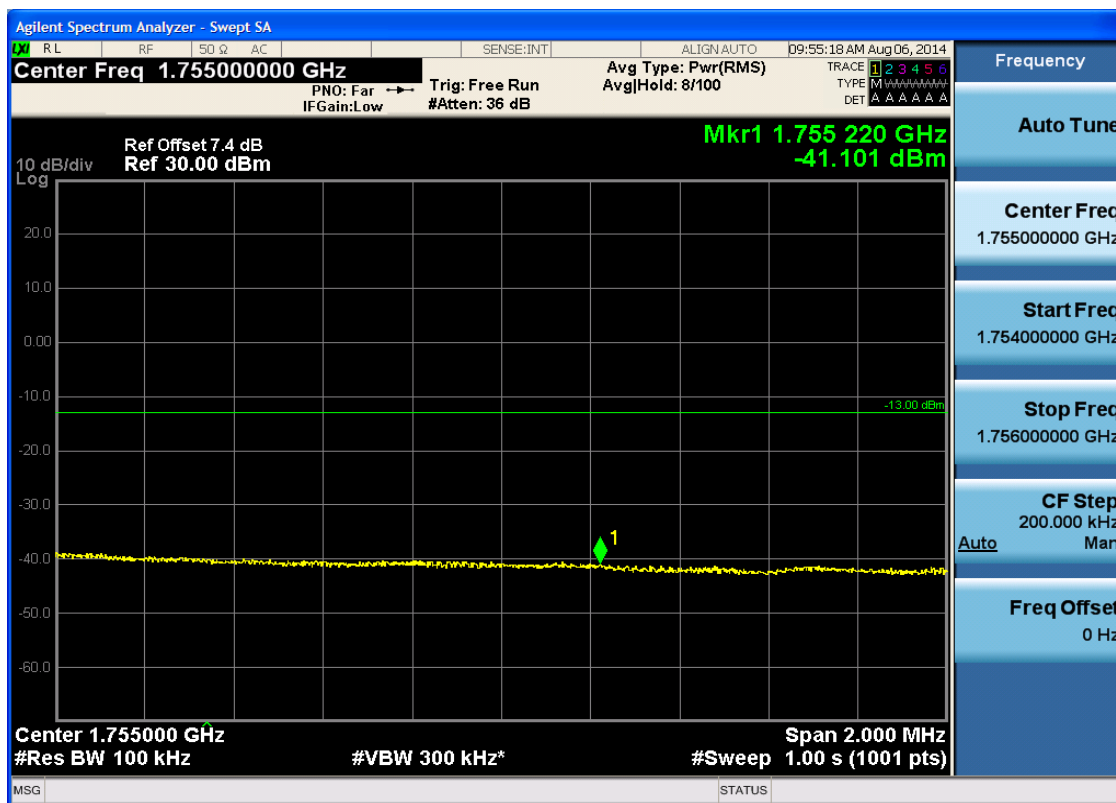


5.3.2.2.4.2.2 Test RB = RB1#49



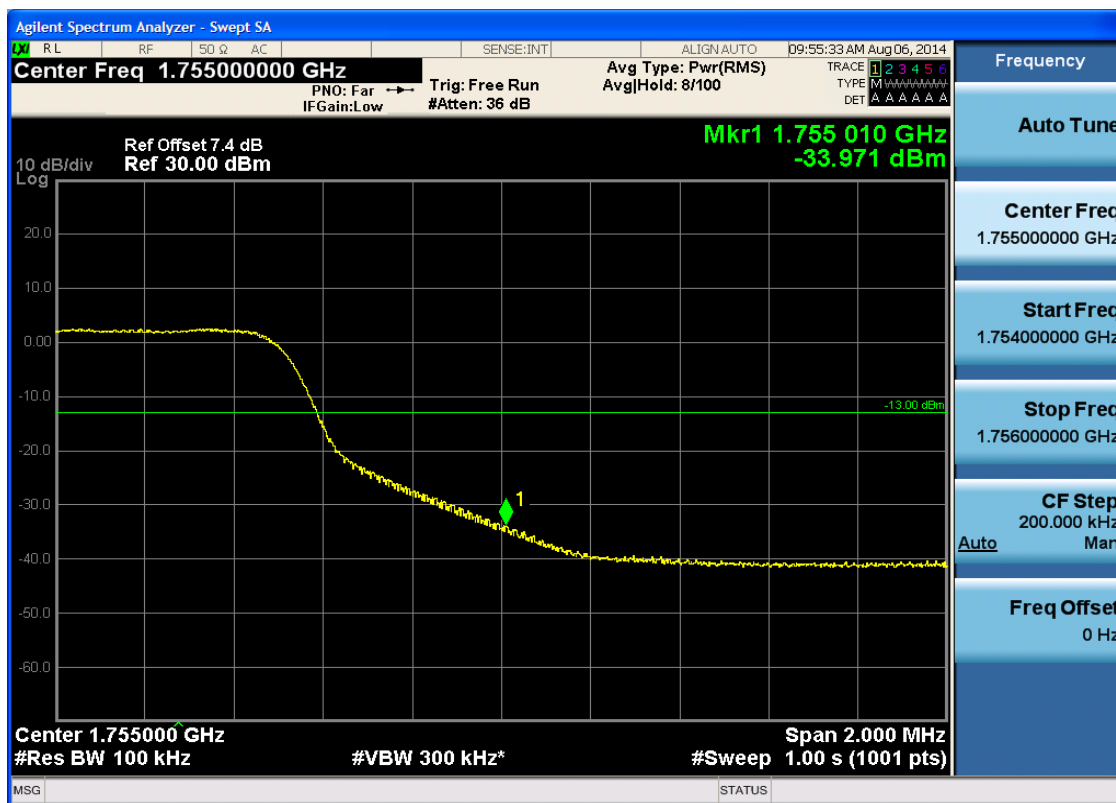


5.3.2.2.4.2.3 Test RB = RB25#13





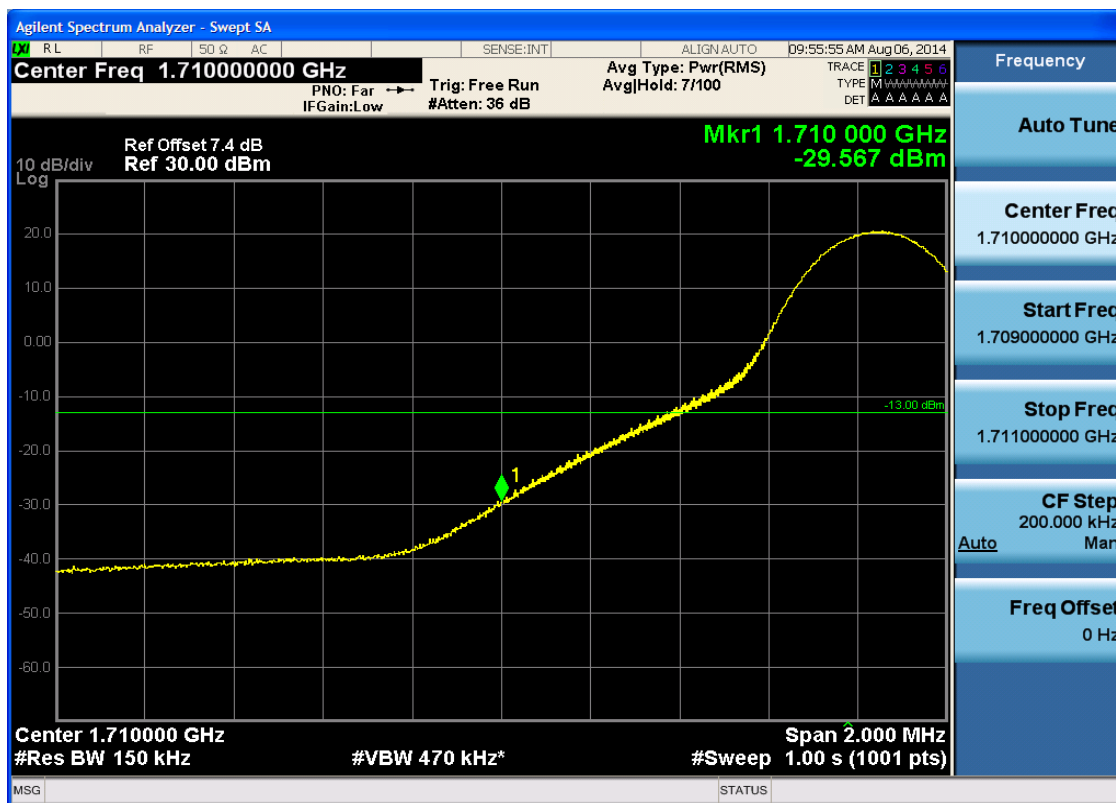
5.3.2.2.4.2.4 Test RB = RB50#0



5.3.2.2.5 Test Bandwidth = 15

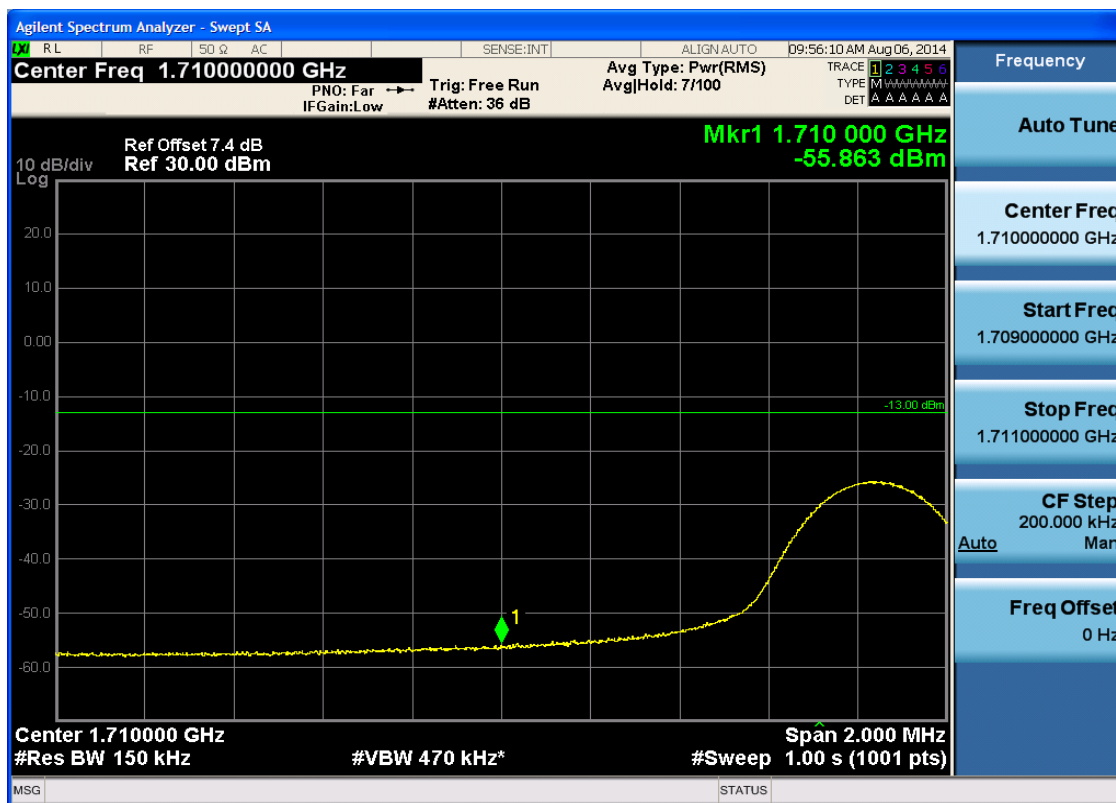
5.3.2.2.5.1 Test Channel = LCH

5.3.2.2.5.1.1 Test RB = RB1#0



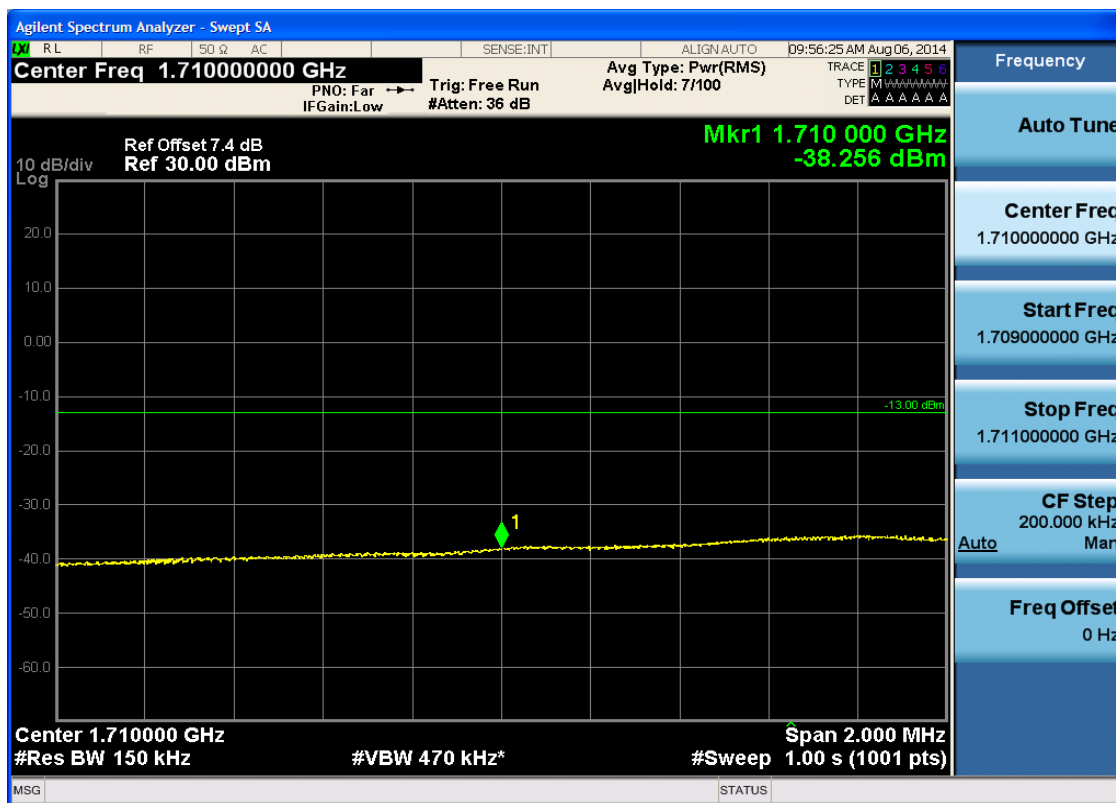


5.3.2.2.5.1.2 Test RB = RB1#74



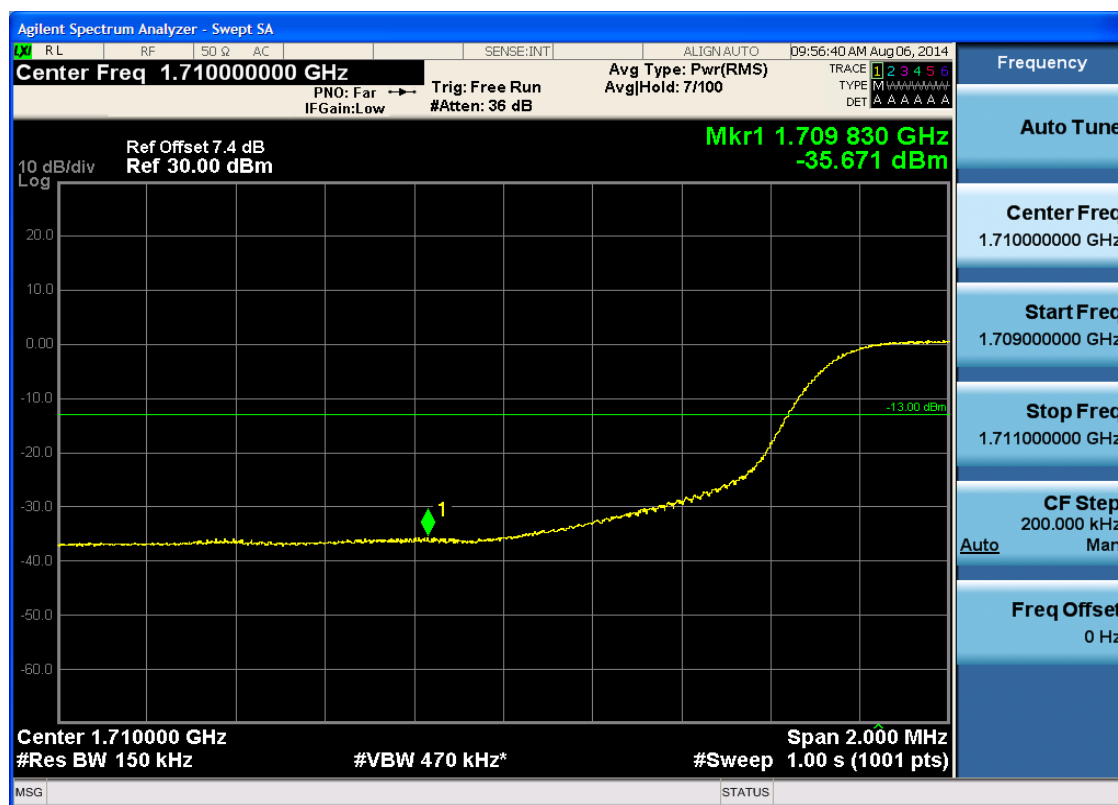


5.3.2.2.5.1.3 Test RB = RB38#19



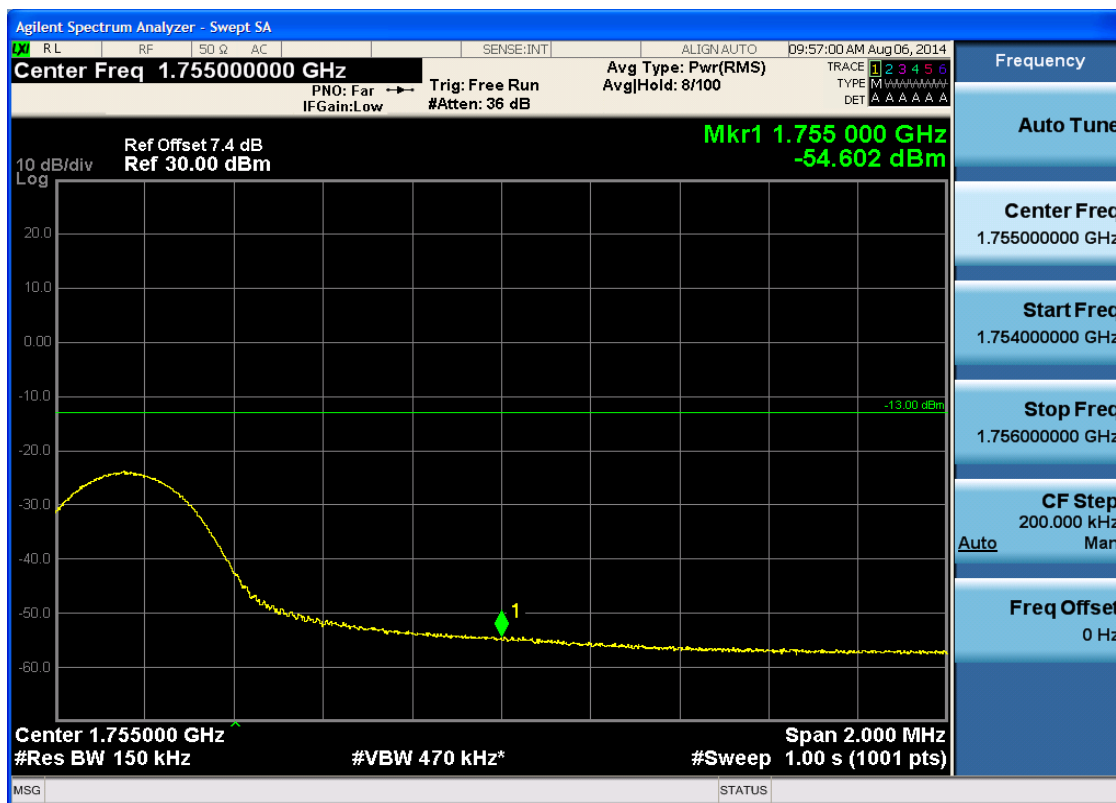


5.3.2.2.5.1.4 Test RB = RB75#0



5.3.2.2.5.2 Test Channel = HCH

5.3.2.2.5.2.1 Test RB = RB1#0



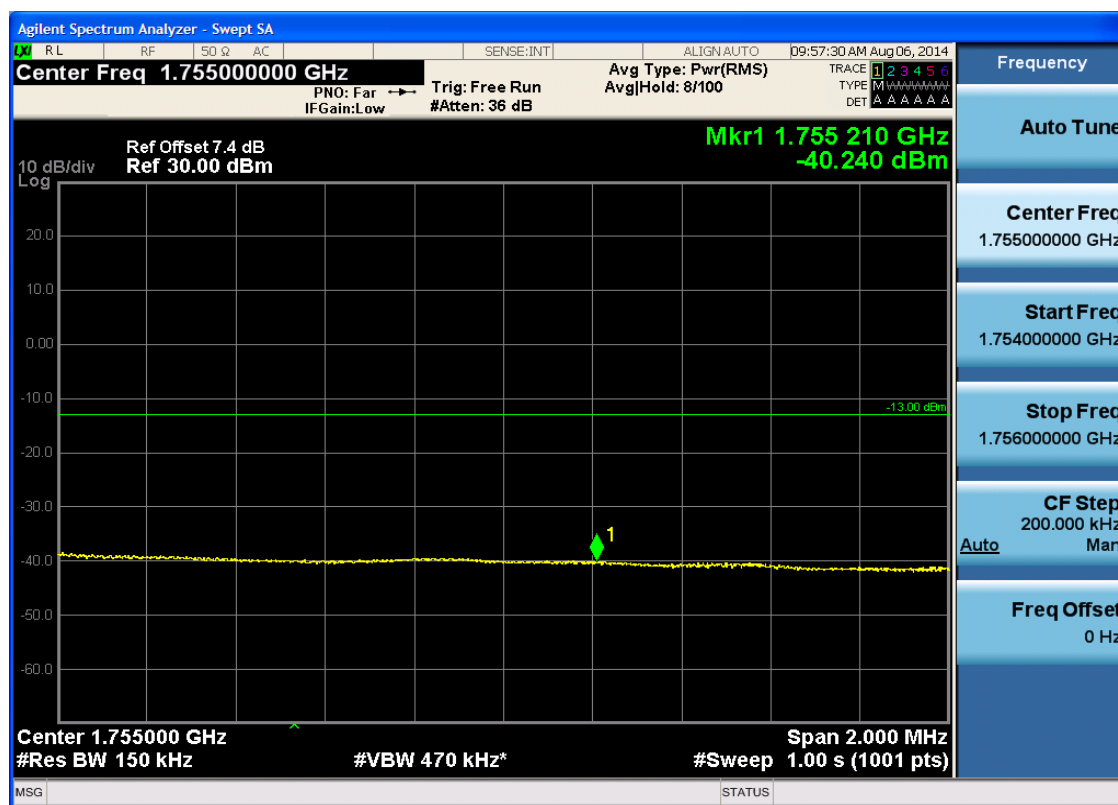


5.3.2.2.5.2.2 Test RB = RB1#74



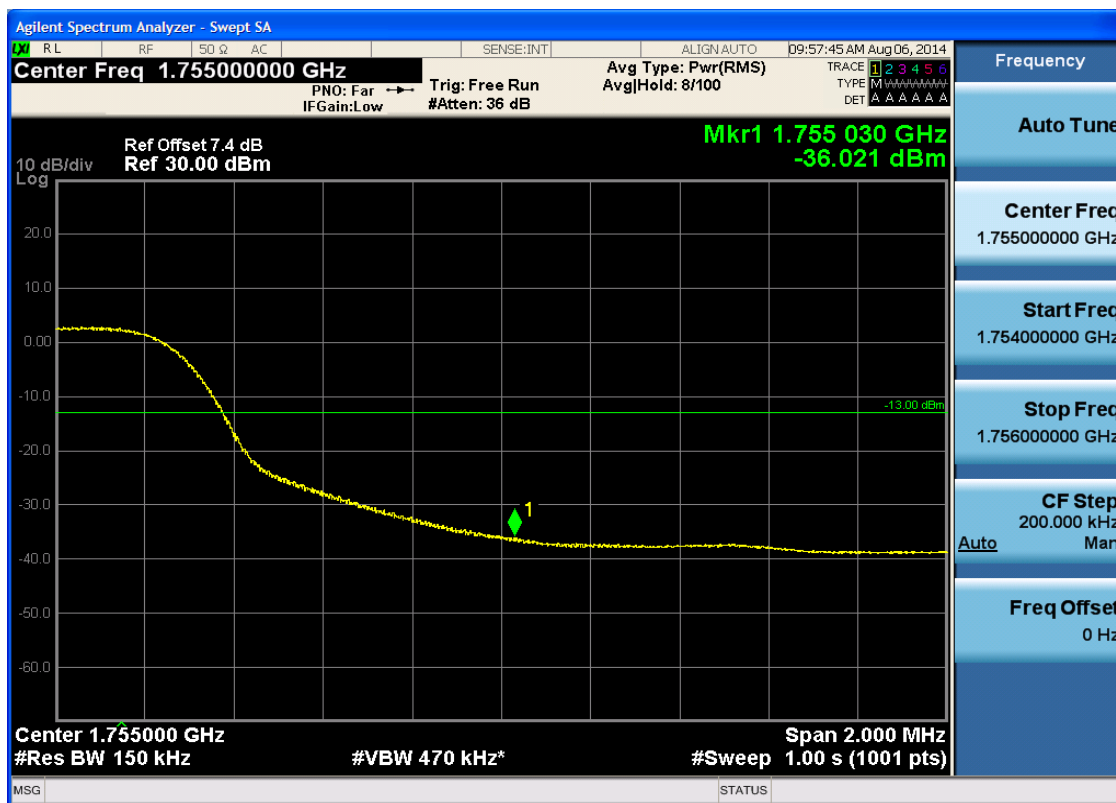


5.3.2.2.5.2.3 Test RB = RB38#19





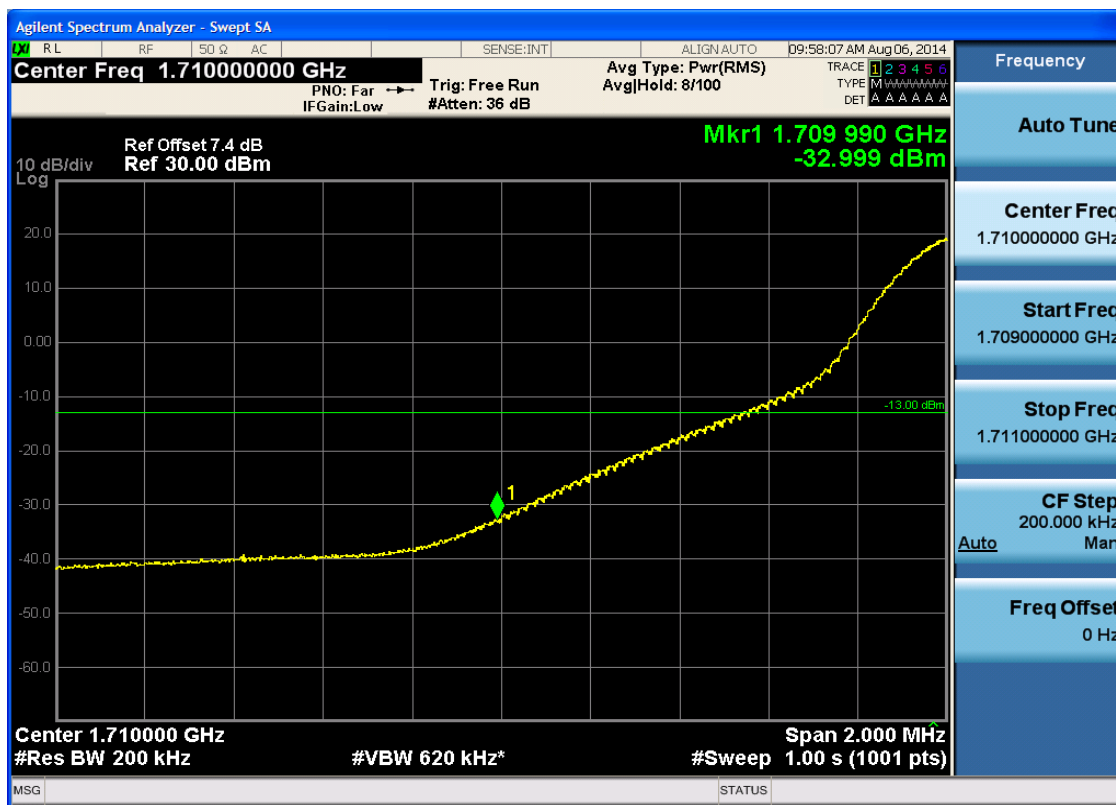
5.3.2.2.5.2.4 Test RB = RB75#0



5.3.2.2.6 Test Bandwidth = 20

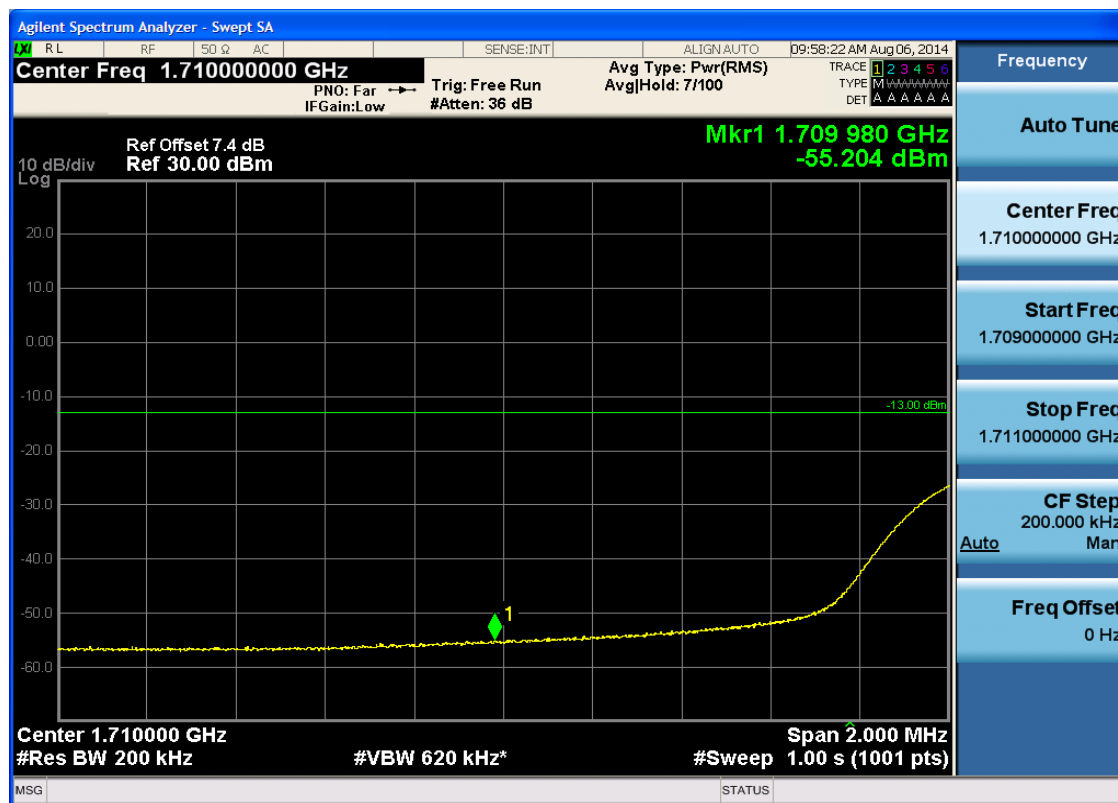
5.3.2.2.6.1 Test Channel = LCH

5.3.2.2.6.1.1 Test RB = RB1#0



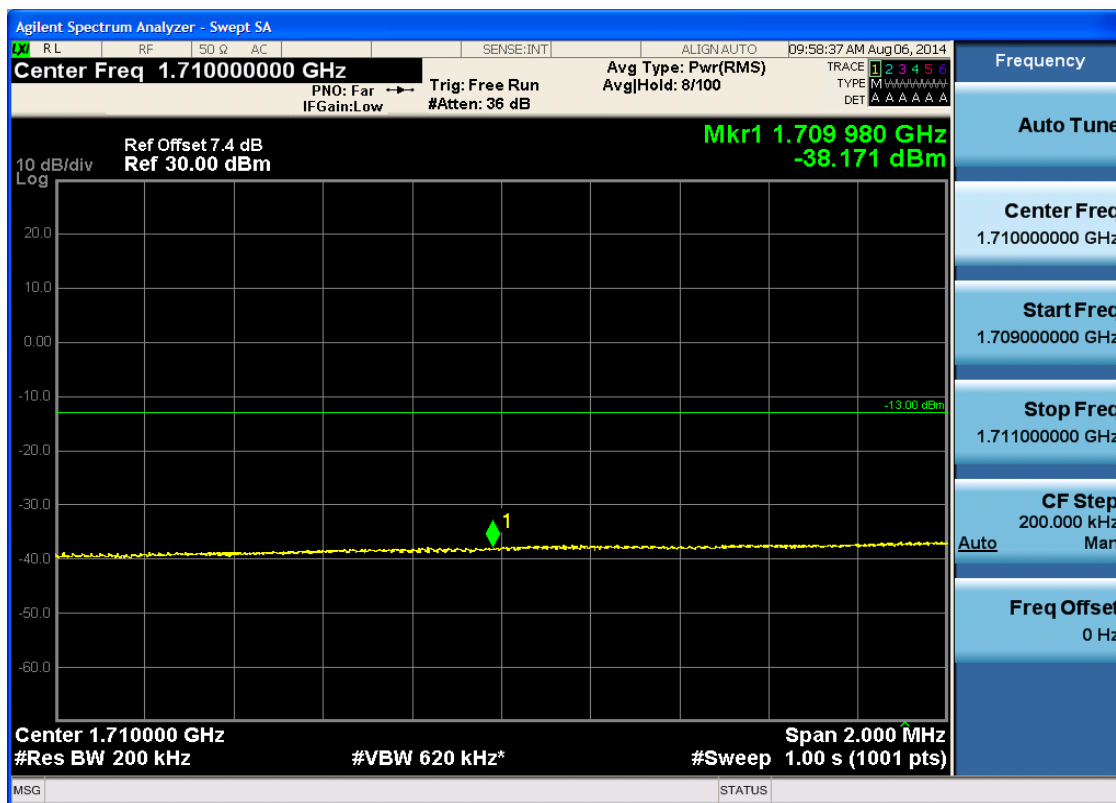


5.3.2.2.6.1.2 Test RB = RB1#99



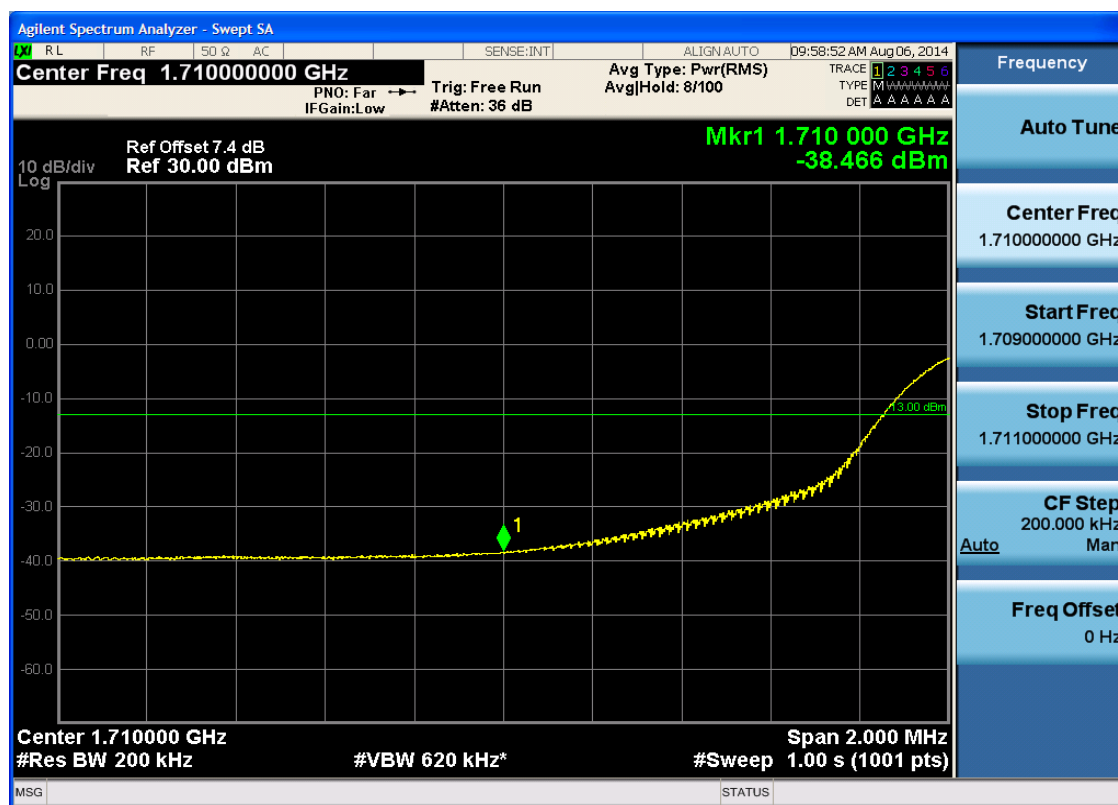


5.3.2.2.6.1.3 Test RB = RB50#25





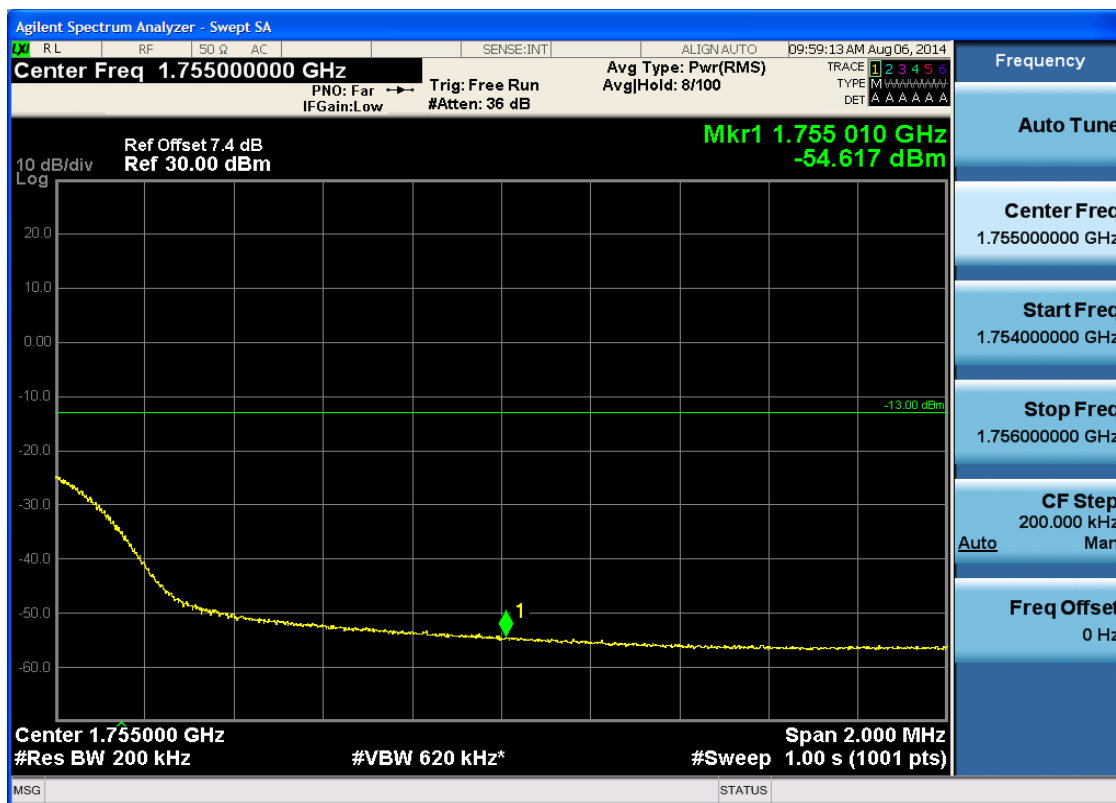
5.3.2.2.6.1.4 Test RB = RB100#0





5.3.2.2.6.2 Test Channel = HCH

5.3.2.2.6.2.1 Test RB = RB1#0



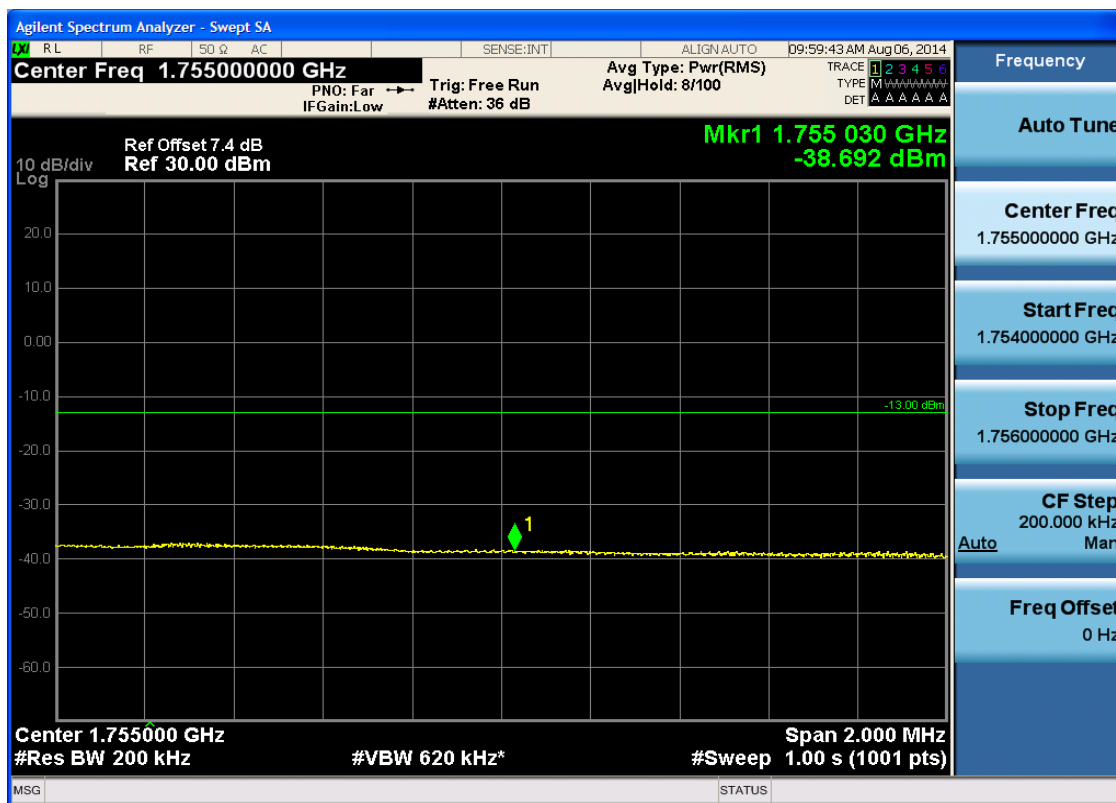


5.3.2.2.6.2.2 Test RB = RB1#99



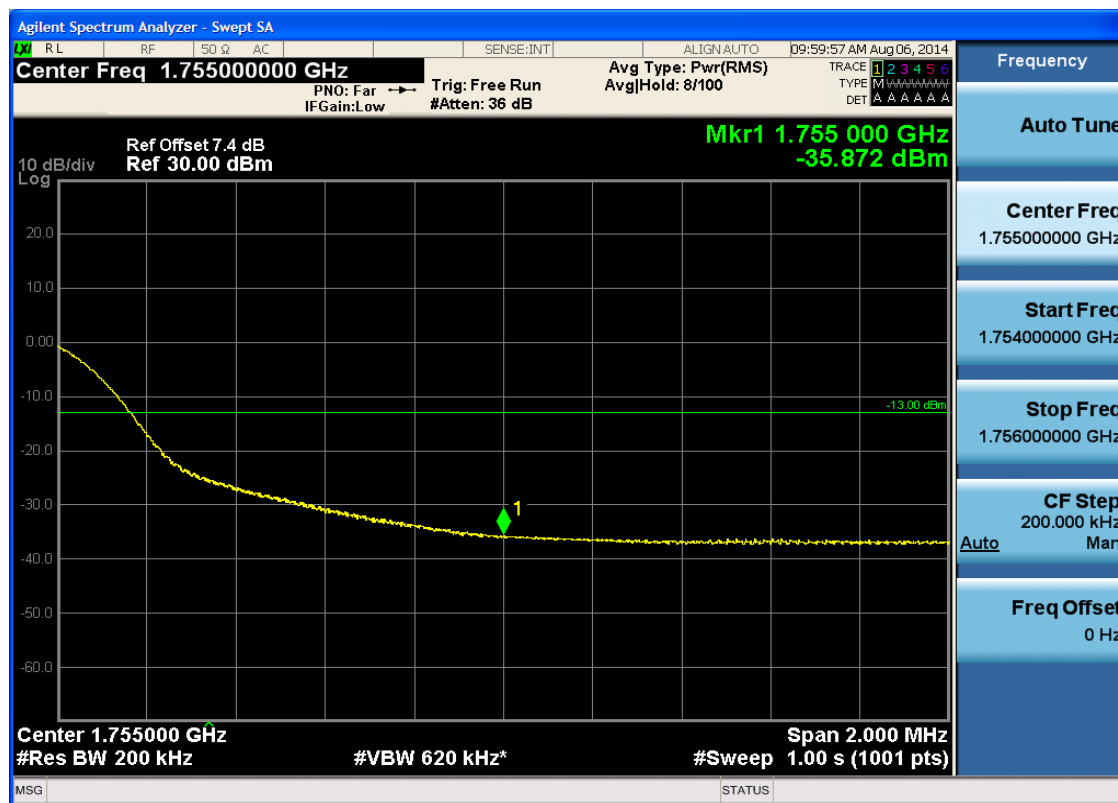


5.3.2.2.6.2.3 Test RB = RB50#25





5.3.2.2.6.2.4 Test RB = RB100#0



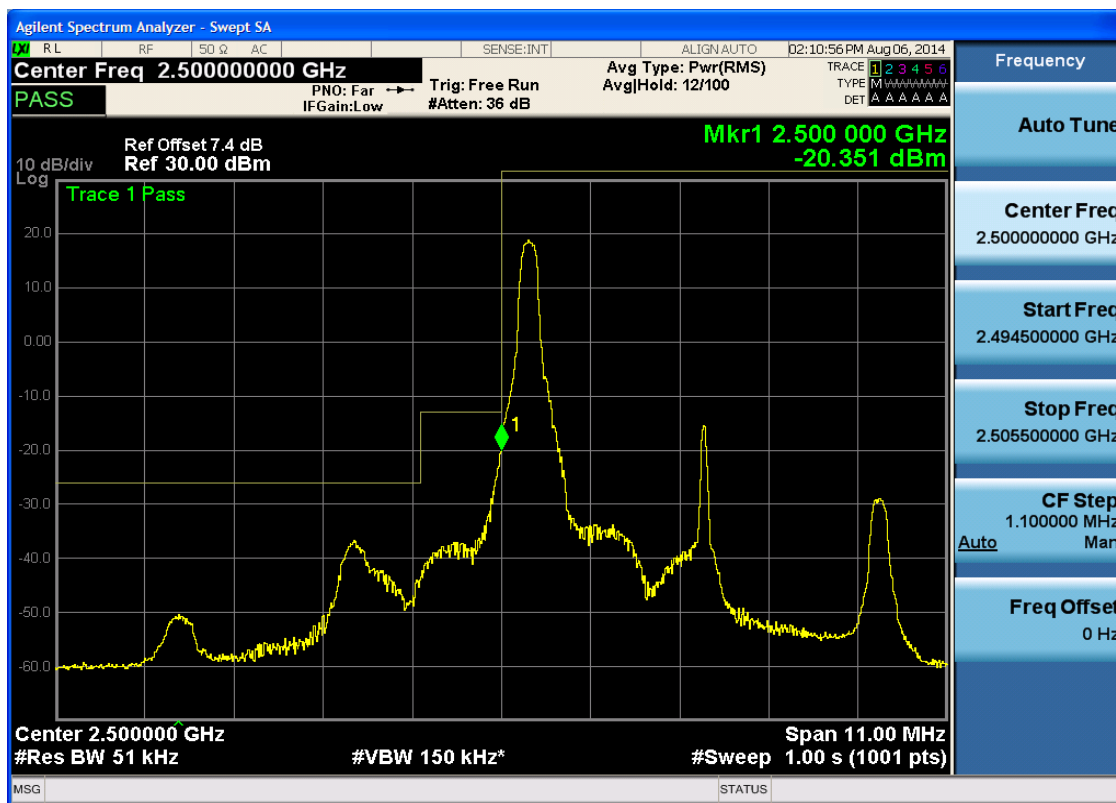
5.3.3 Test Band = BAND7

5.3.3.1 Test Mode = LTE/TM1

5.3.3.1.1 Test Bandwidth = 5

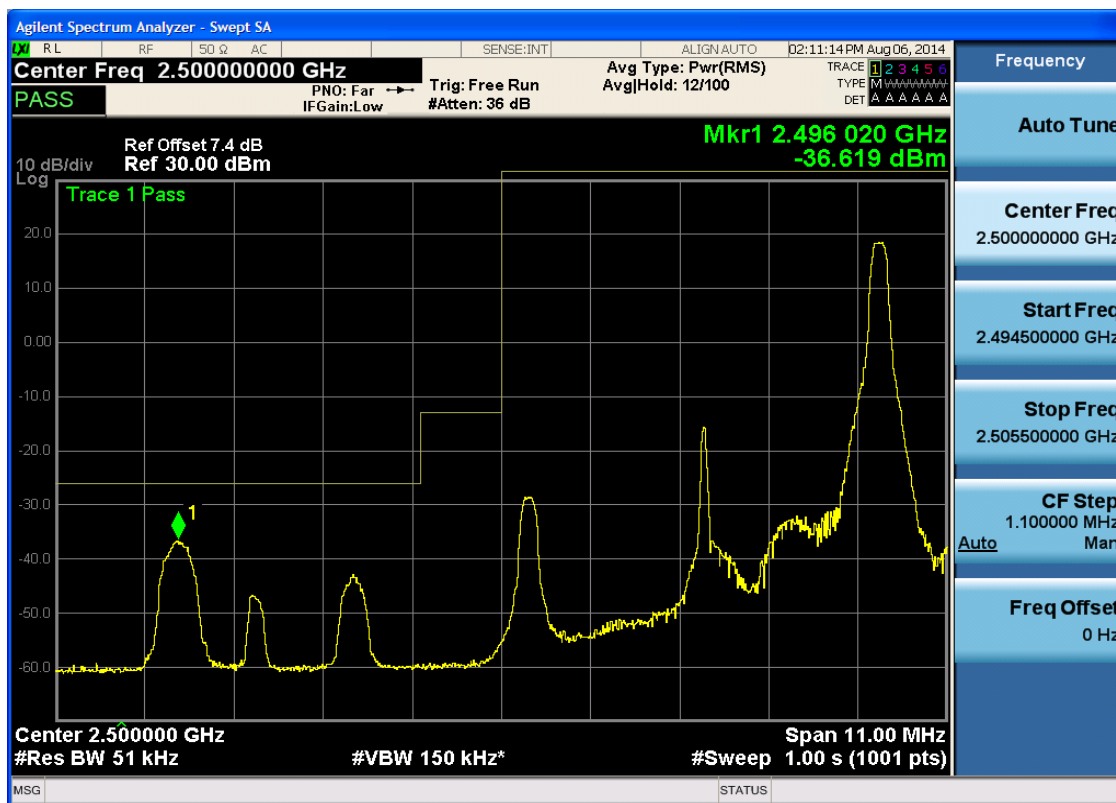
5.3.3.1.1.1 Test Channel = LCH

5.3.3.1.1.1.1 Test RB = RB1#0



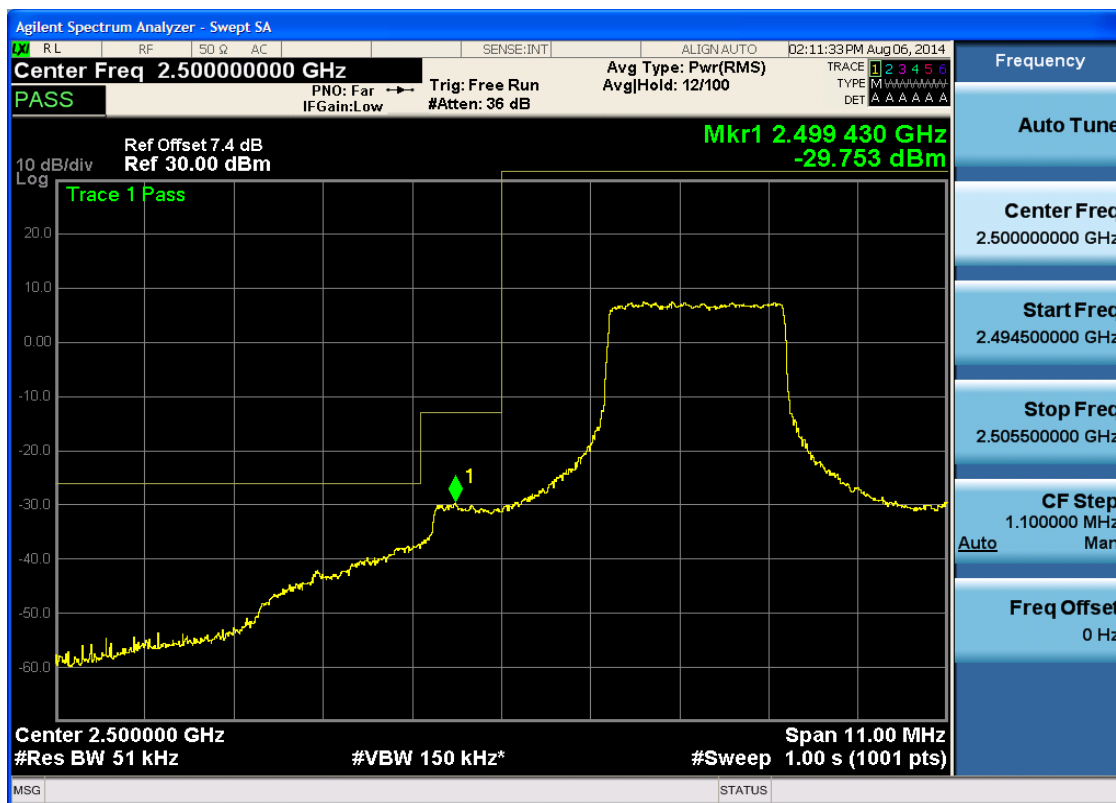


5.3.3.1.1.1.2 Test RB = RB1#24



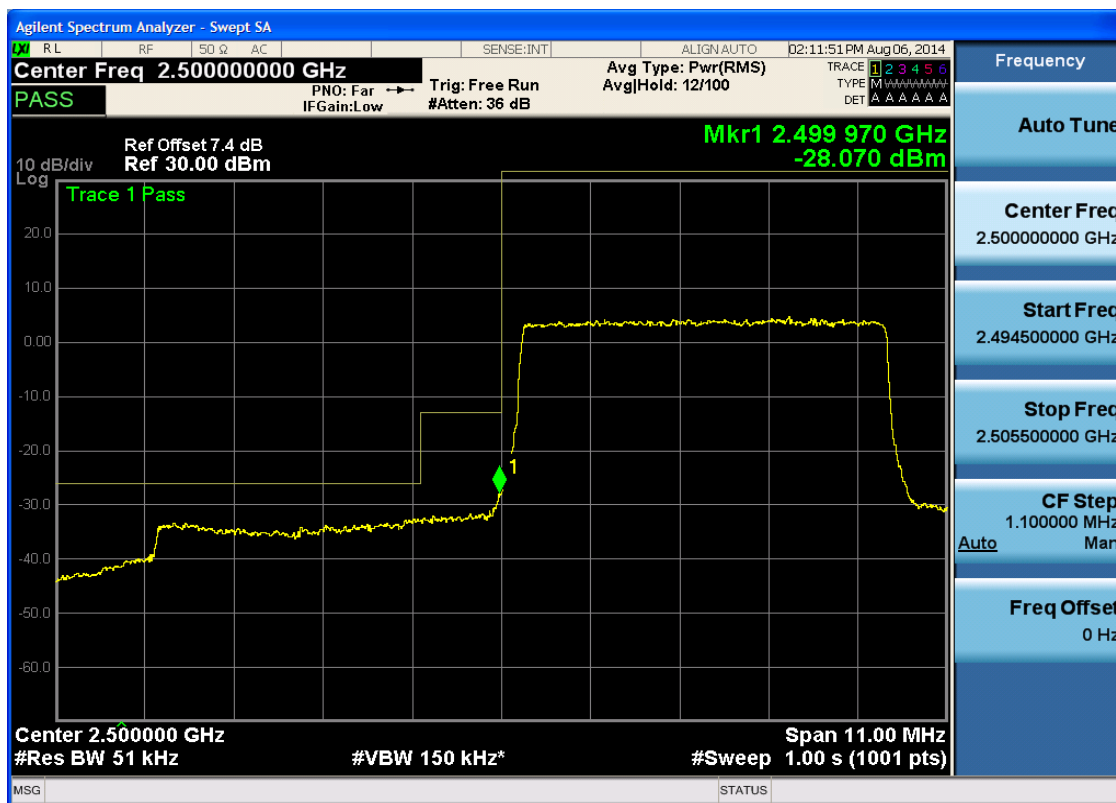


5.3.3.1.1.1.3 Test RB = RB12#6



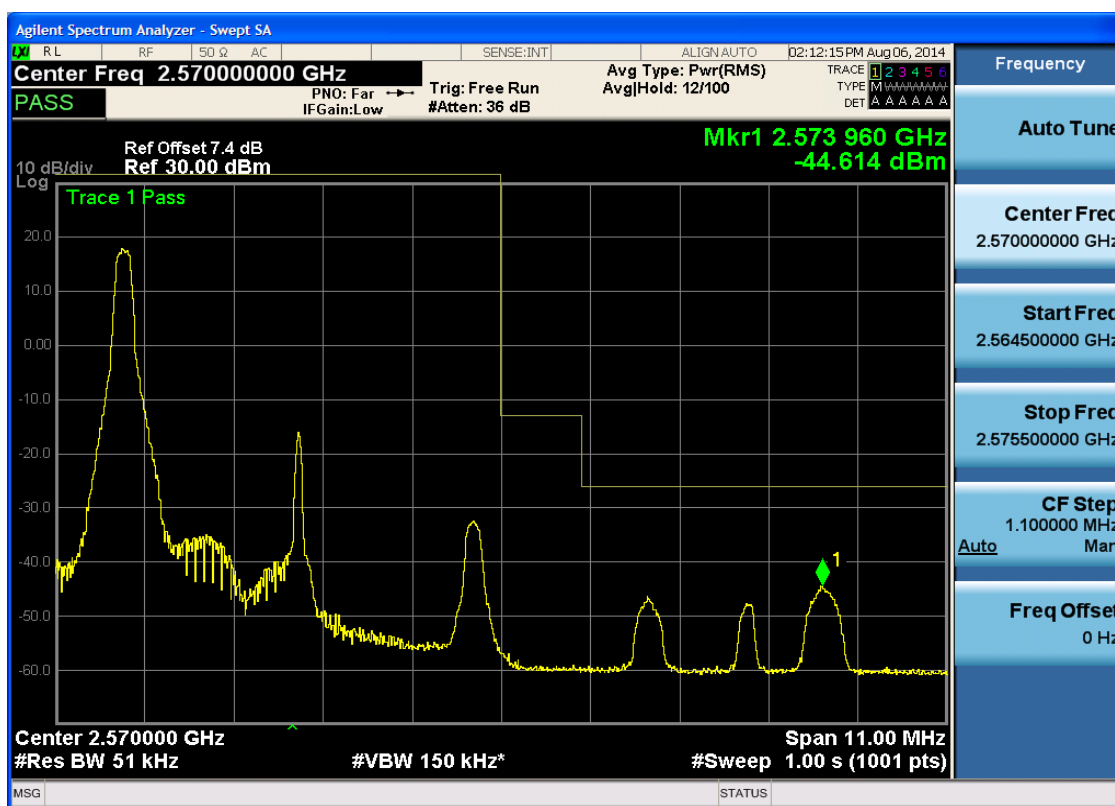


5.3.3.1.1.1.4 Test RB = RB25#0



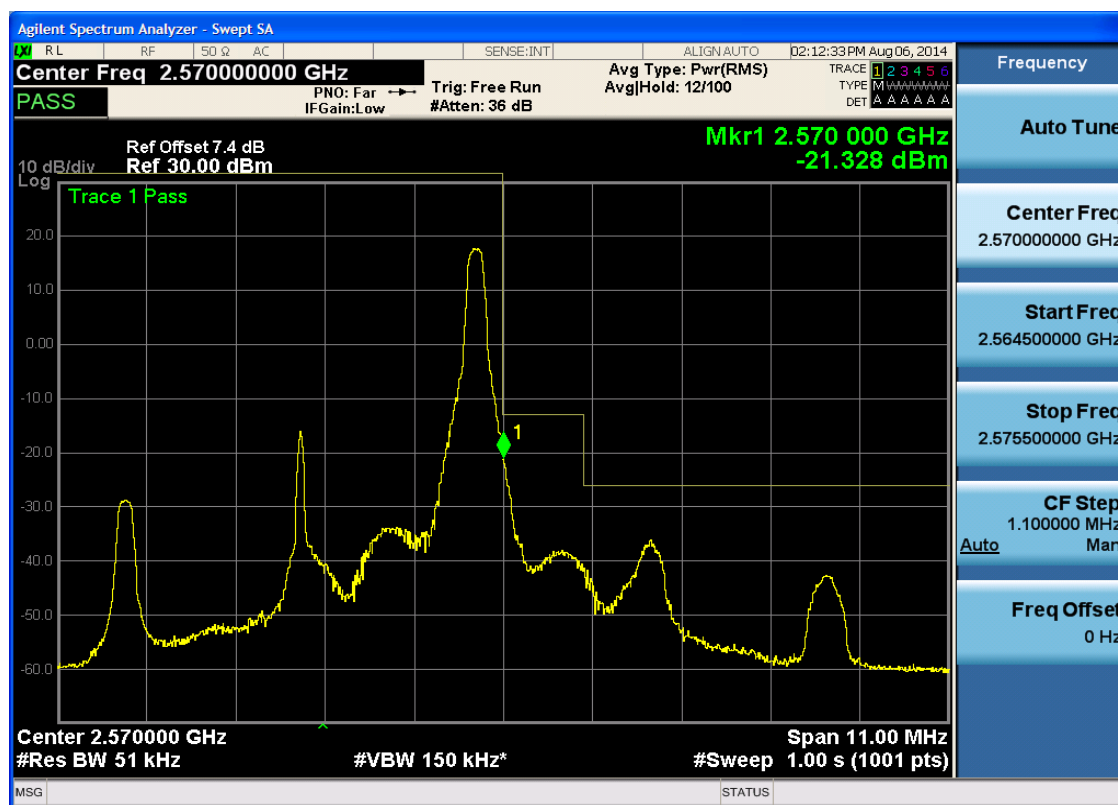
5.3.3.1.1.2 Test Channel = HCH

5.3.3.1.1.2.1 Test RB = RB1#0





5.3.3.1.1.2.2 Test RB = RB1#24





5.3.3.1.1.2.3 Test RB = RB12#6





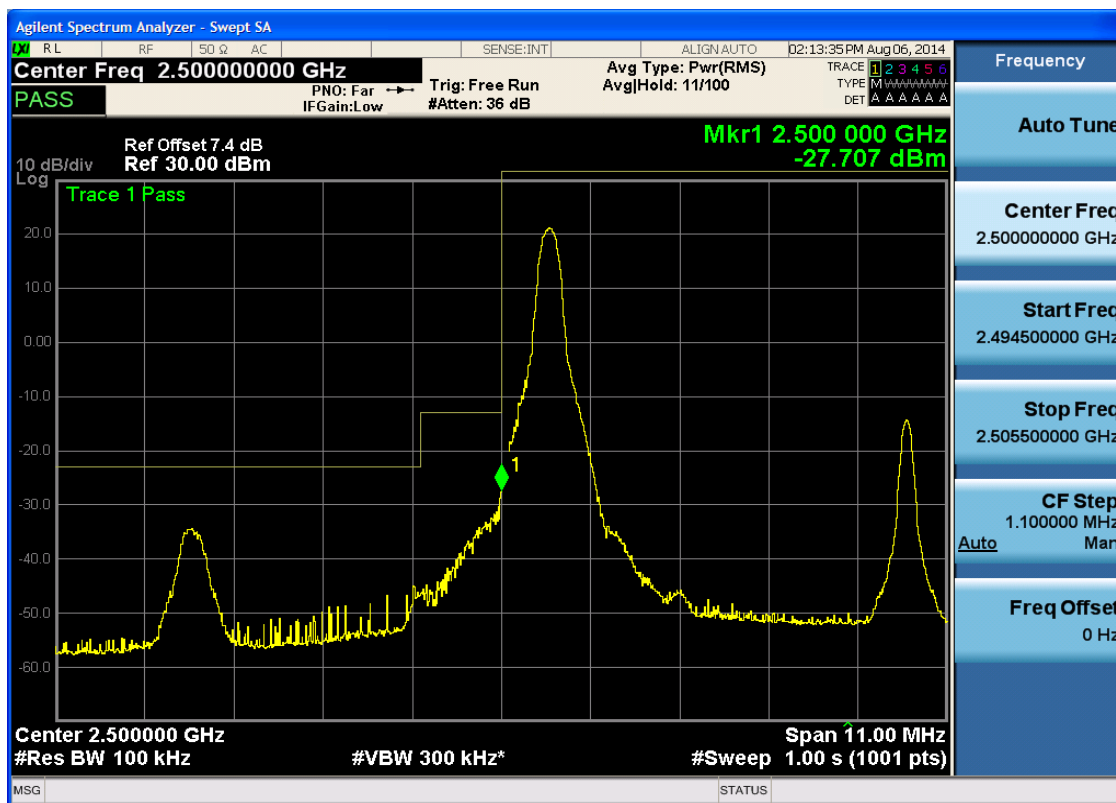
5.3.3.1.1.2.4 Test RB = RB25#0



5.3.3.1.2 Test Bandwidth = 10

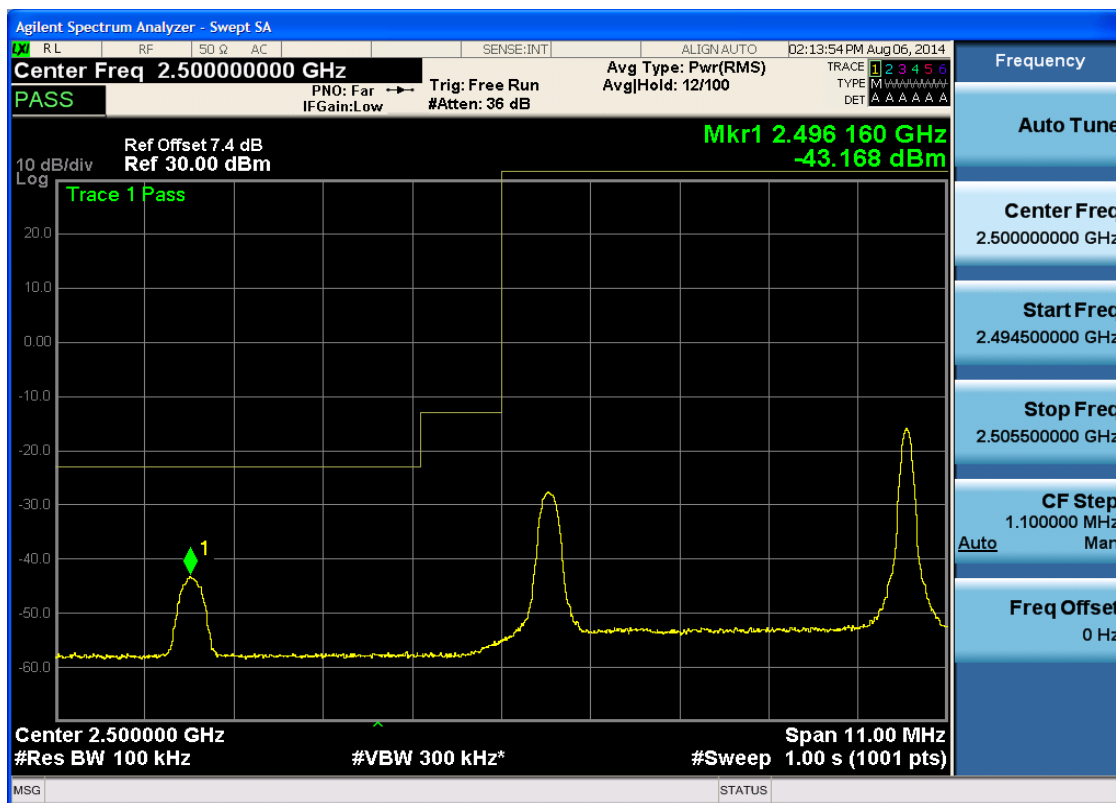
5.3.3.1.2.1 Test Channel = LCH

5.3.3.1.2.1.1 Test RB = RB1#0



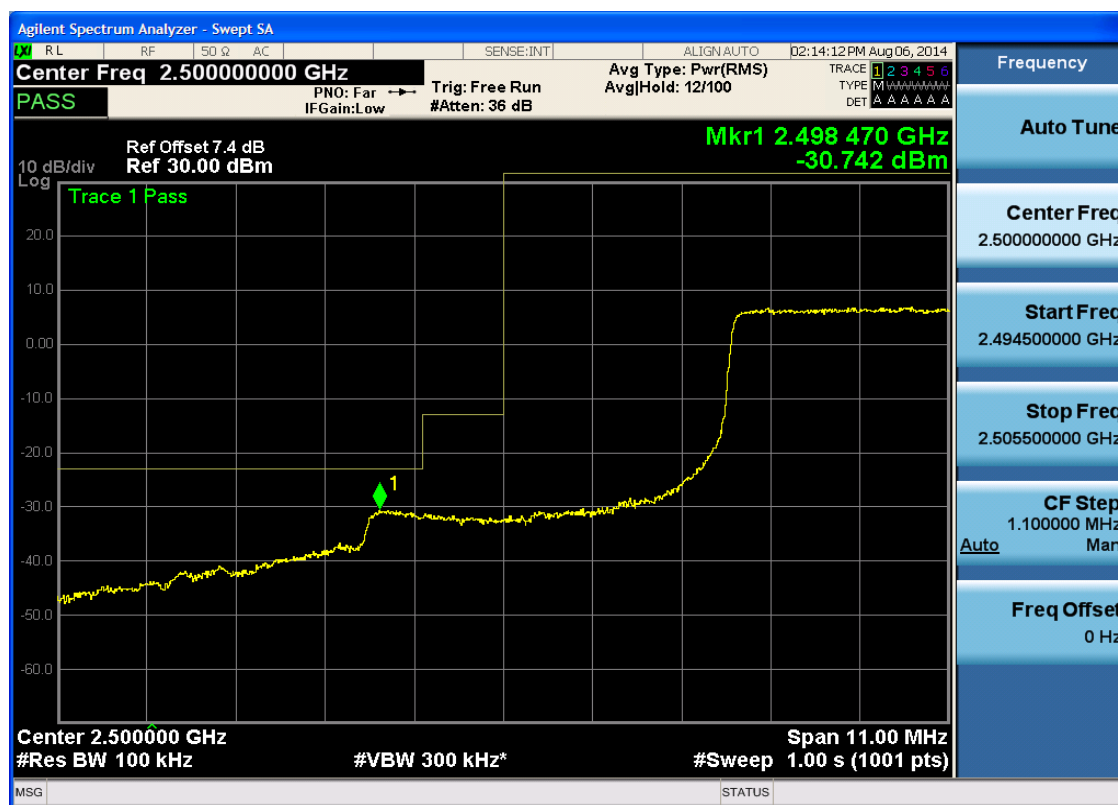


5.3.3.1.2.1.2 Test RB = RB1#49



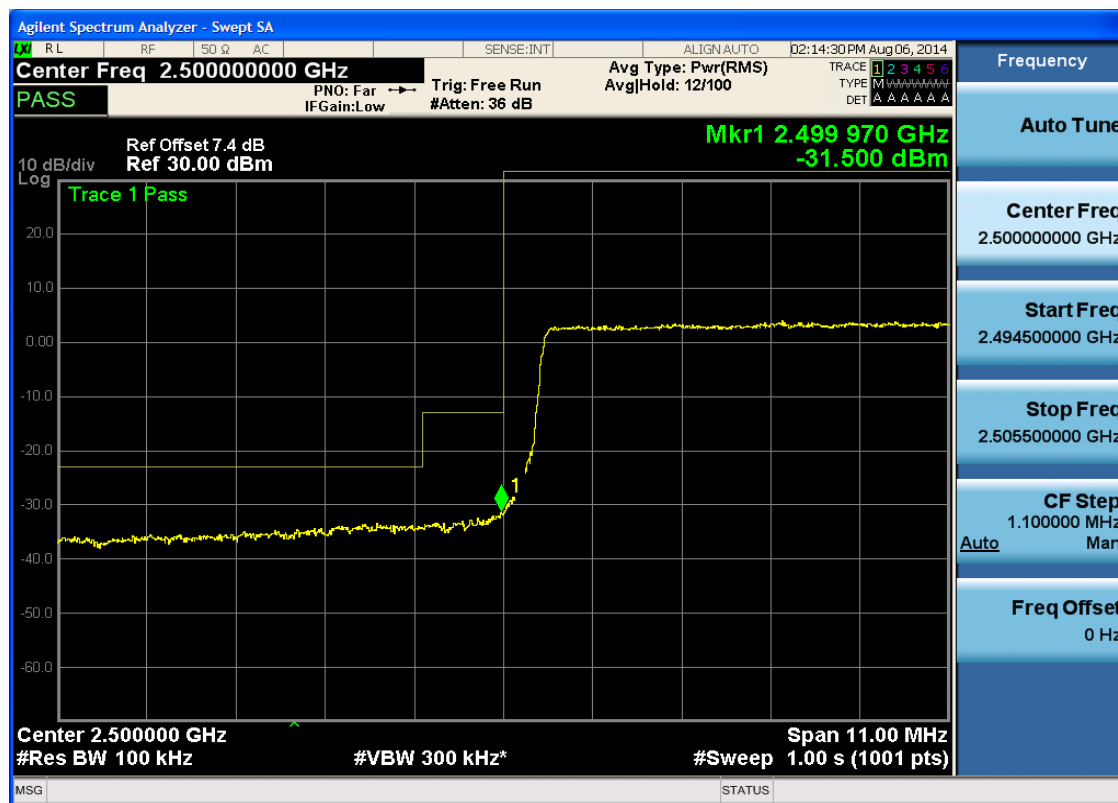


5.3.3.1.2.1.3 Test RB = RB25#13





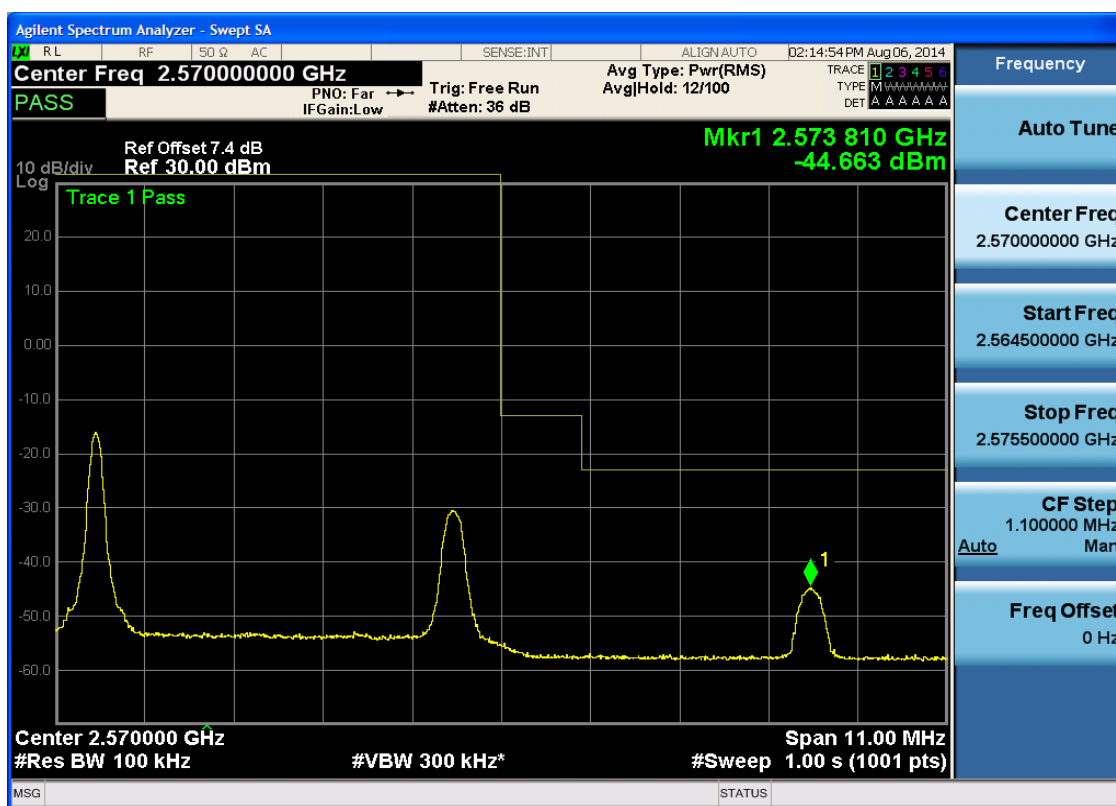
5.3.3.1.2.1.4 Test RB = RB50#0





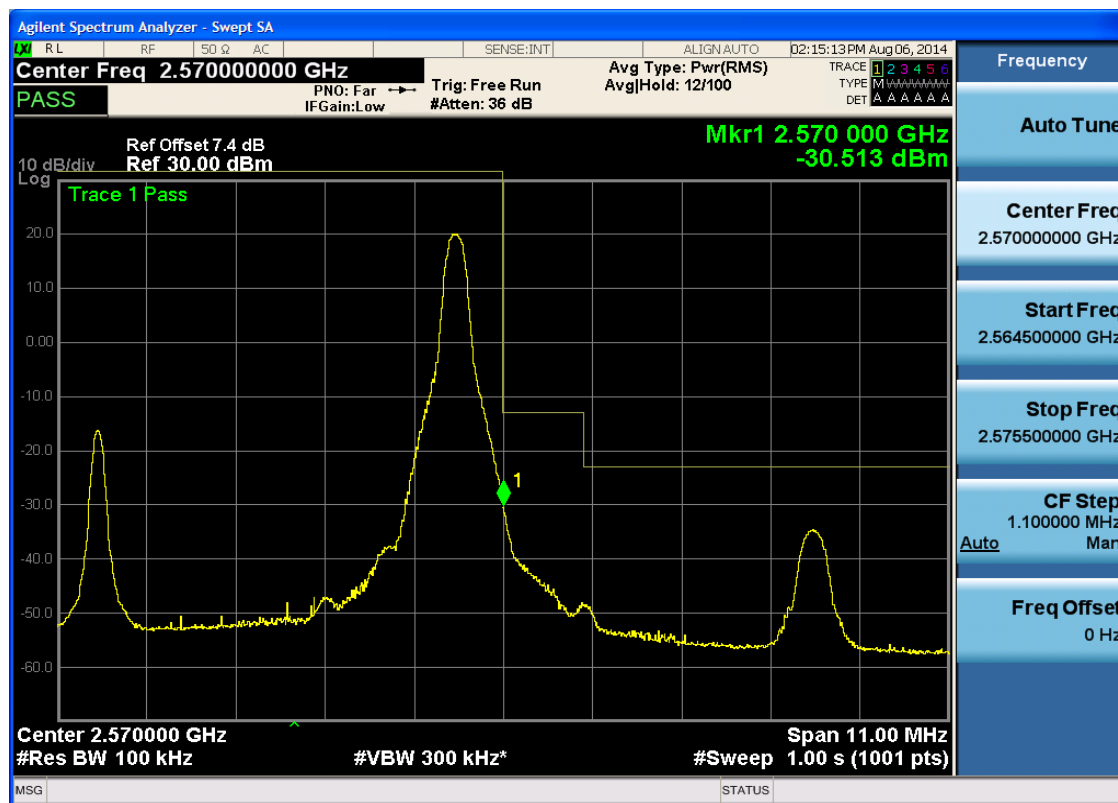
5.3.3.1.2.2 Test Channel = HCH

5.3.3.1.2.2.1 Test RB = RB1#0





5.3.3.1.2.2.2 Test RB = RB1#49





5.3.3.1.2.2.3 Test RB = RB25#13





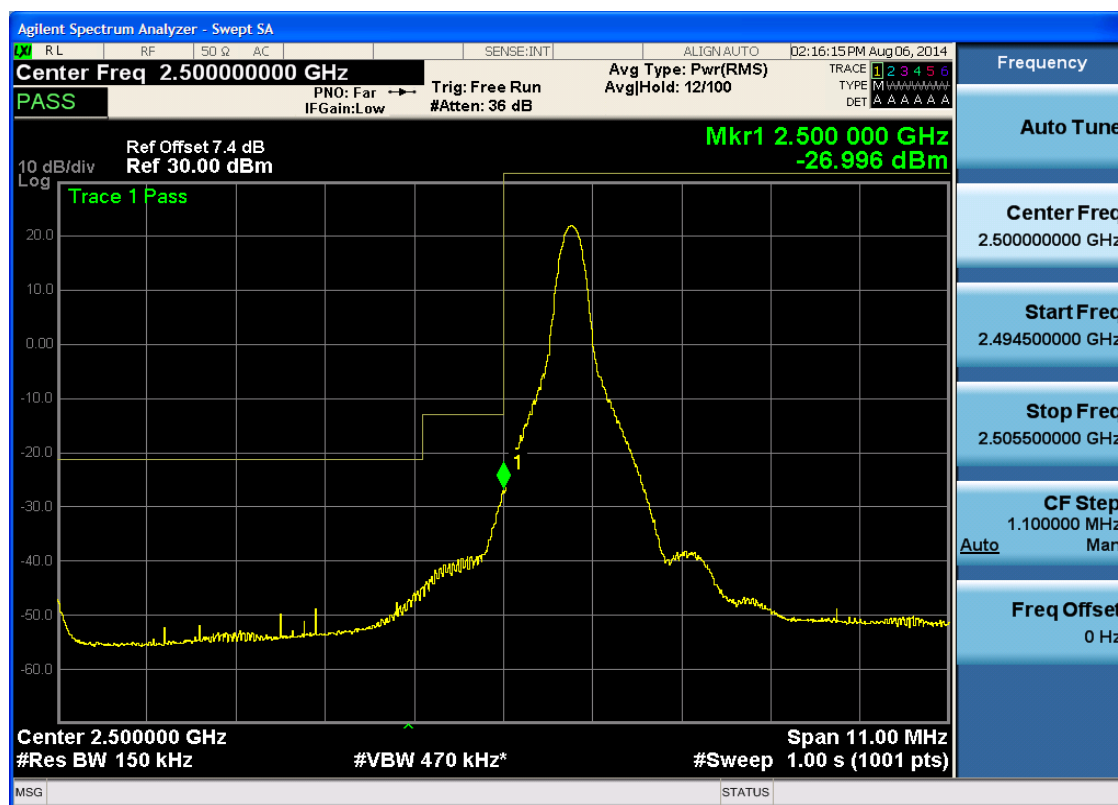
5.3.3.1.2.2.4 Test RB = RB50#0



5.3.3.1.3 Test Bandwidth = 15

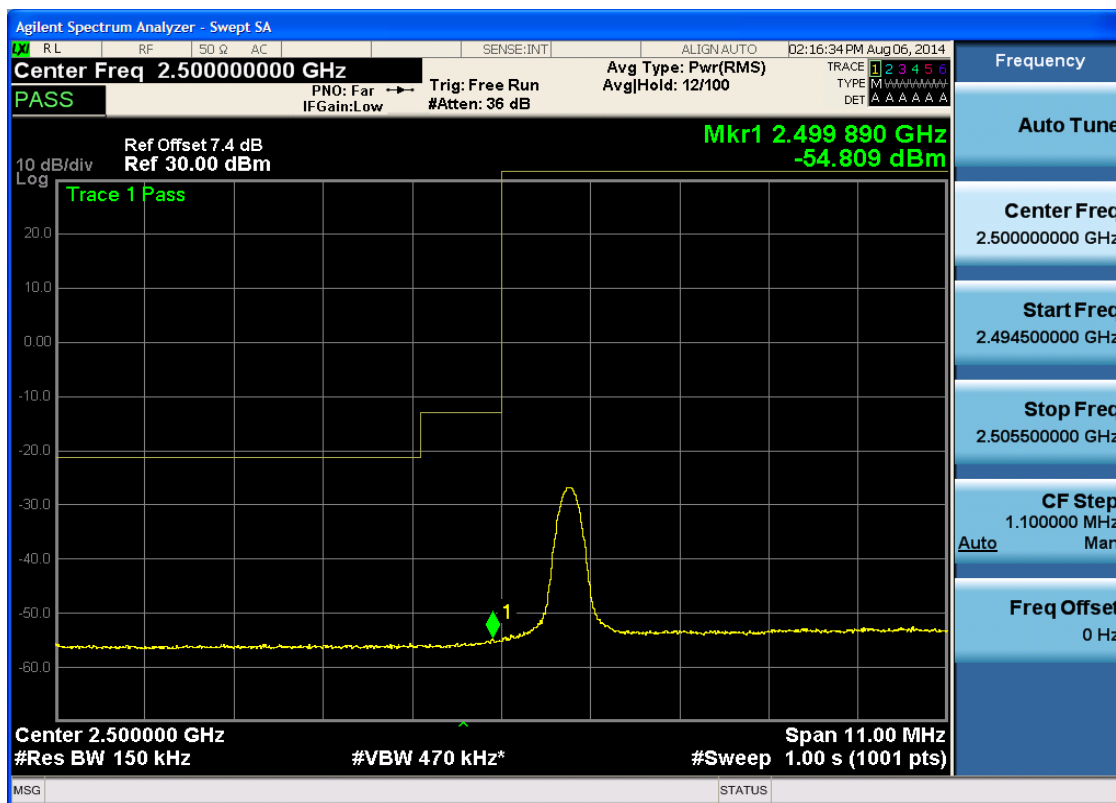
5.3.3.1.3.1 Test Channel = LCH

5.3.3.1.3.1.1 Test RB = RB1#0



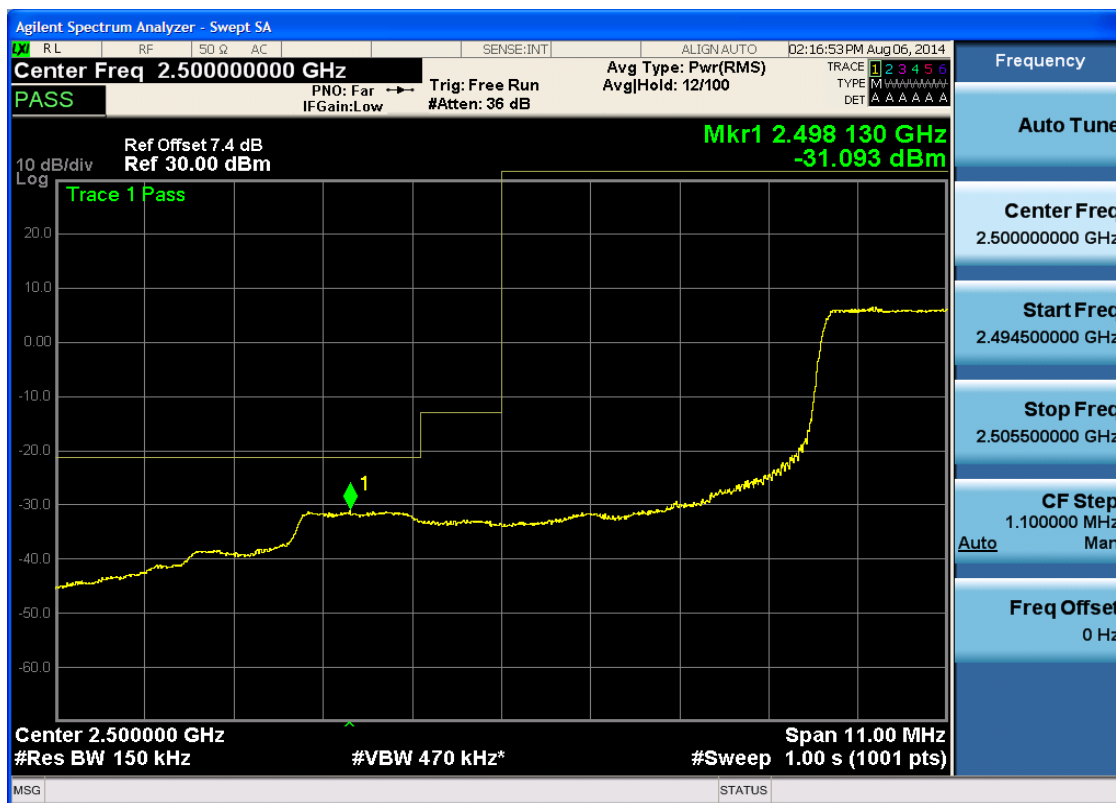


5.3.3.1.3.1.2 Test RB = RB1#74





5.3.3.1.3.1.3 Test RB = RB36#18





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 02:17:11 PM Aug 06, 2014

Center Freq 2.50000000 GHz Avg Type: Pwr(RMS) AvgHold: 12/100

PASS PNO: Far IFGain: Low Trig: Free Run #Atten: 36 dB

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

Ref Offset 7.4 dB Ref 30.00 dBm

Mkr1 2.498 230 GHz -32.816 dBm

10 dB/div Log

Trace 1 Pass

Center 2.500000 GHz Span 11.00 MHz

#Res BW 150 kHz #VBW 470 kHz* #Sweep 1.00 s (1001 pts)

MSG Alignment Completed STATUS

Frequency

Auto Tune

Center Freq 2.50000000 GHz

Start Freq 2.494500000 GHz

Stop Freq 2.505500000 GHz

CF Step 1.100000 MHz

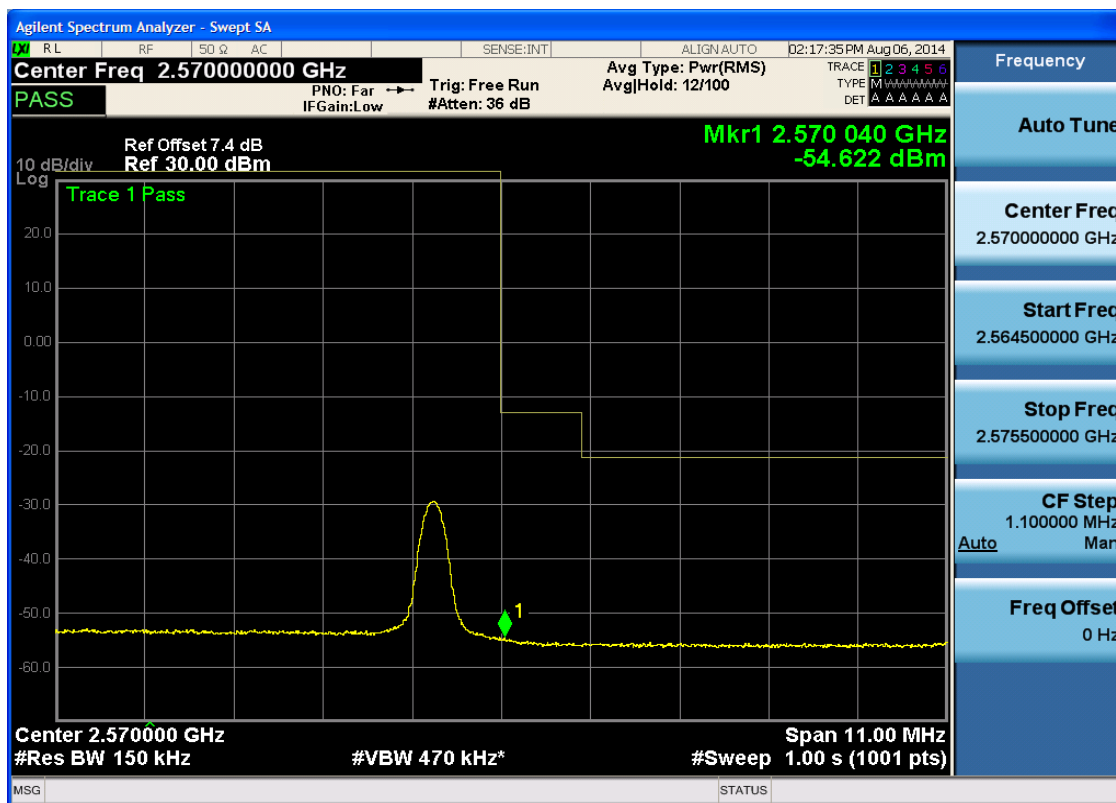
Auto

Freq Offset 0 Hz



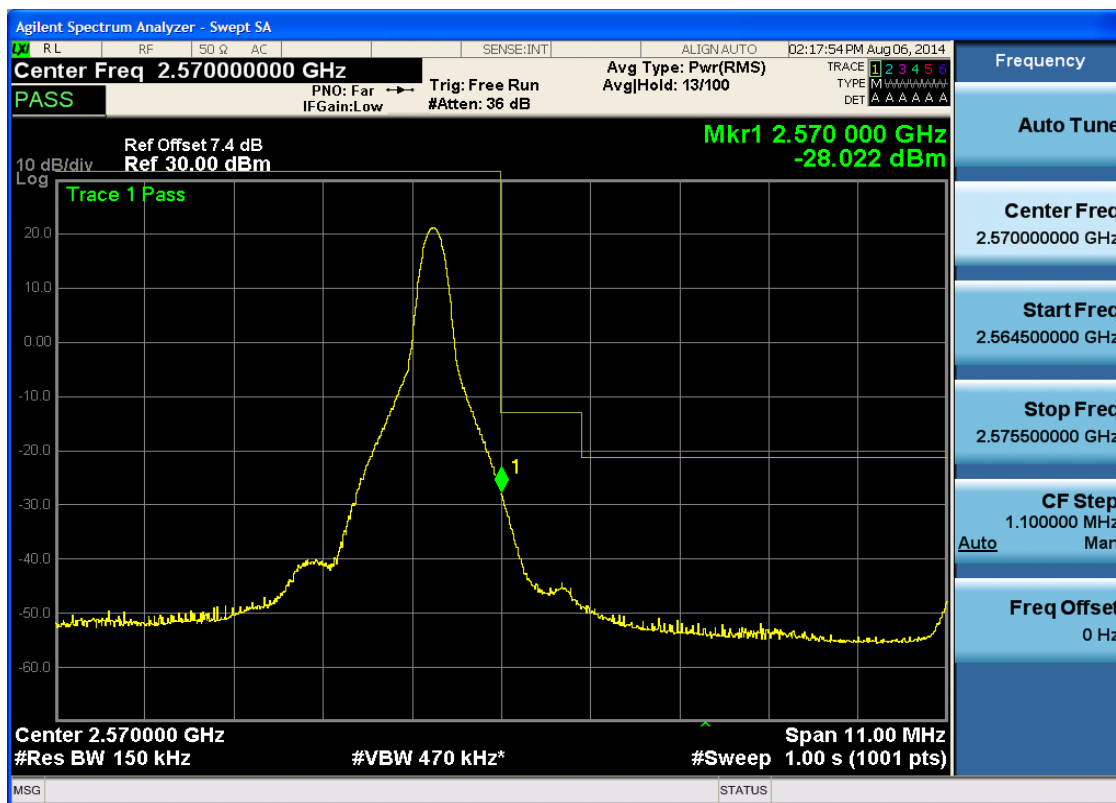
5.3.3.1.3.2 Test Channel = HCH

5.3.3.1.3.2.1 Test RB = RB1#0





5.3.3.1.3.2.2 Test RB = RB1#74



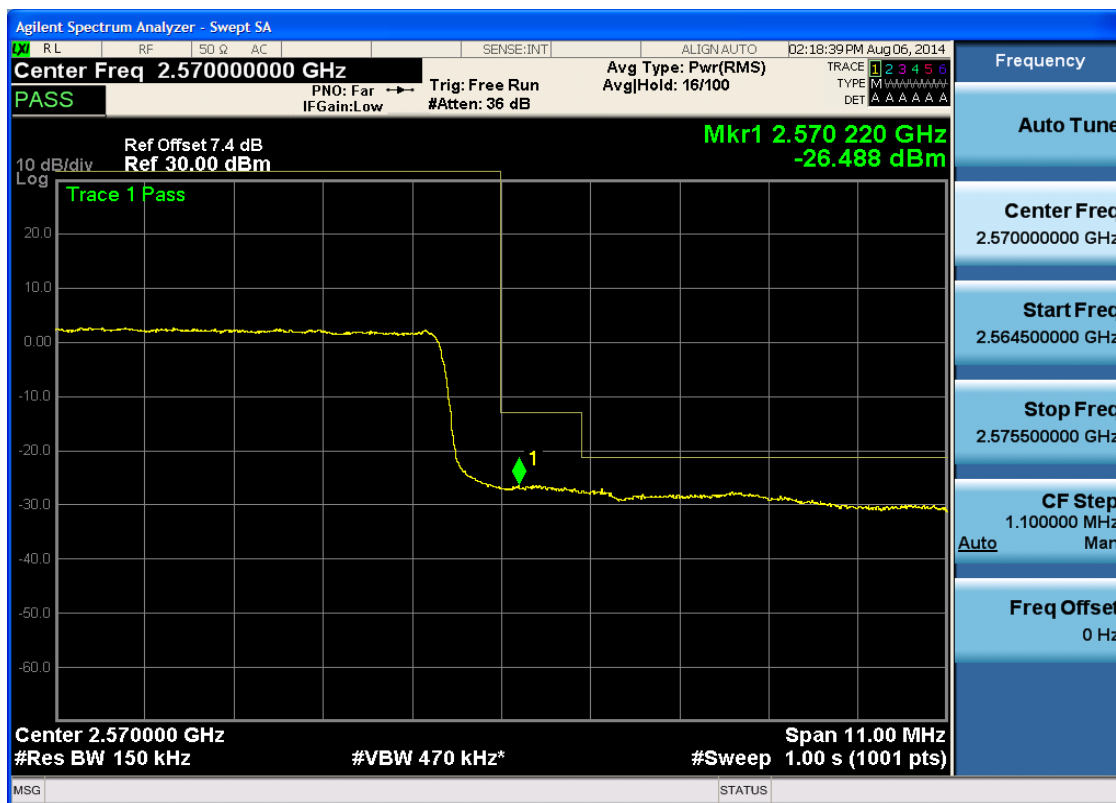


5.3.3.1.3.2.3 Test RB = RB36#18





5.3.3.1.3.2.4 Test RB = RB75#0

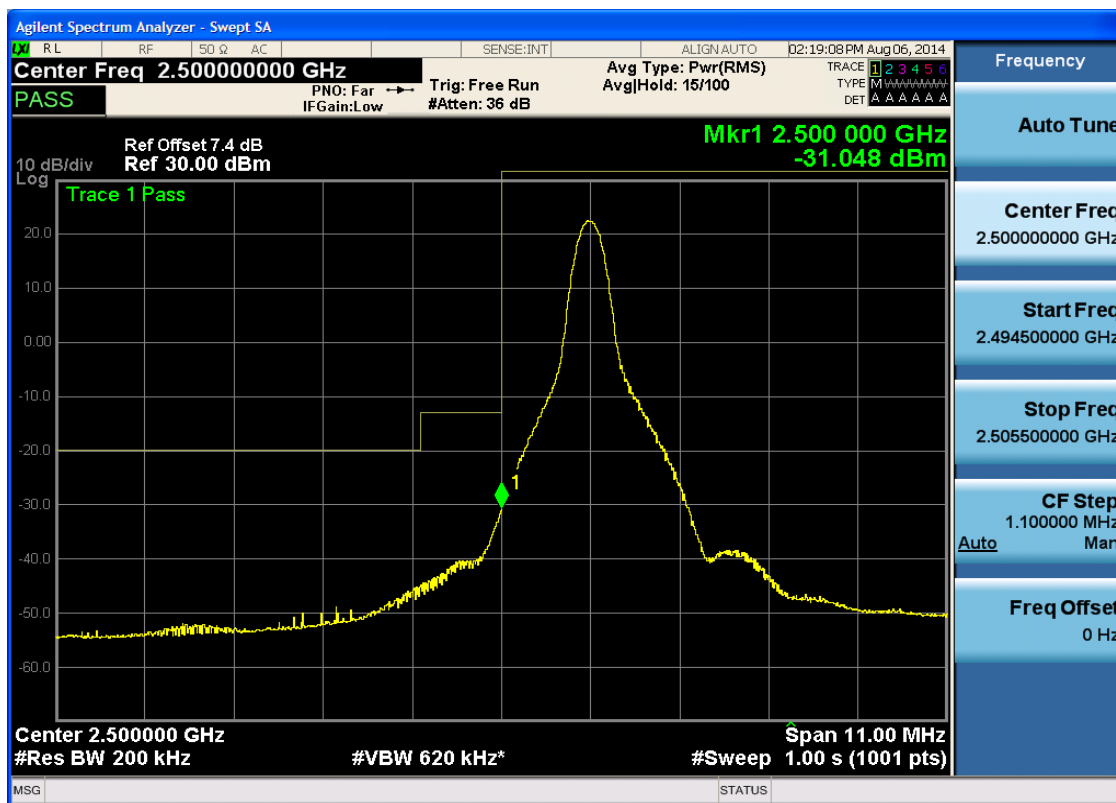




5.3.3.1.4 Test Bandwidth = 20

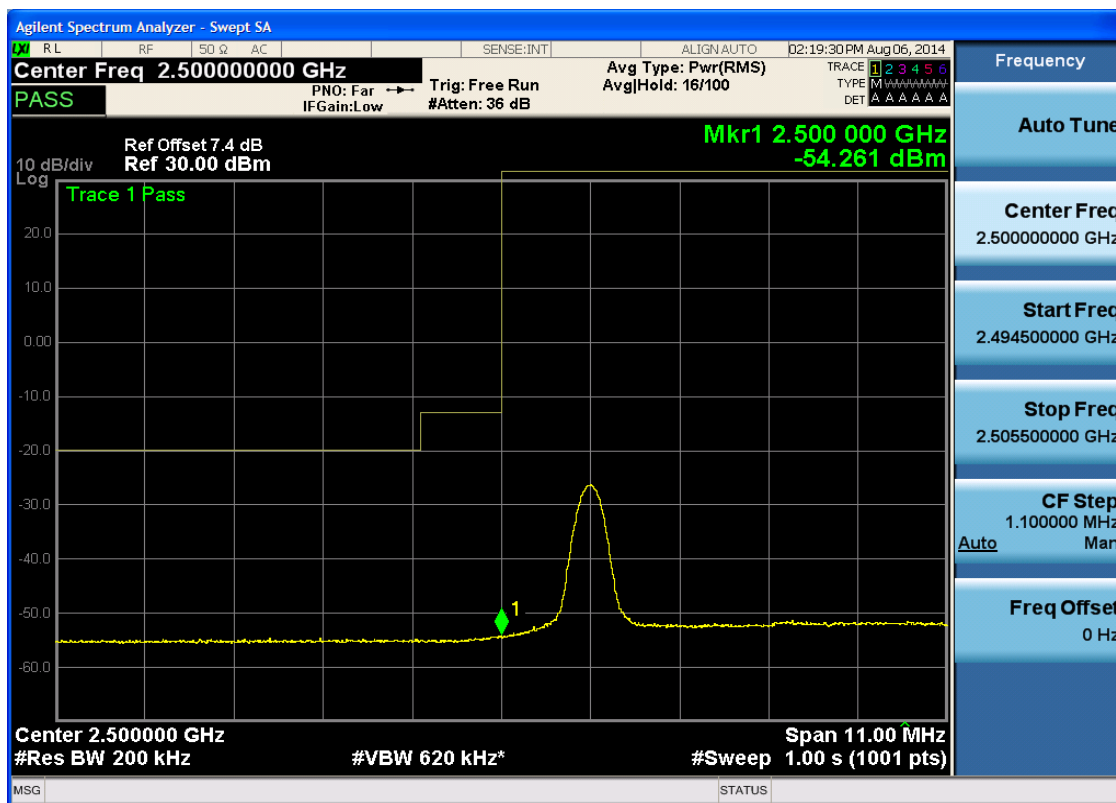
5.3.3.1.4.1 Test Channel = LCH

5.3.3.1.4.1.1 Test RB = RB1#0



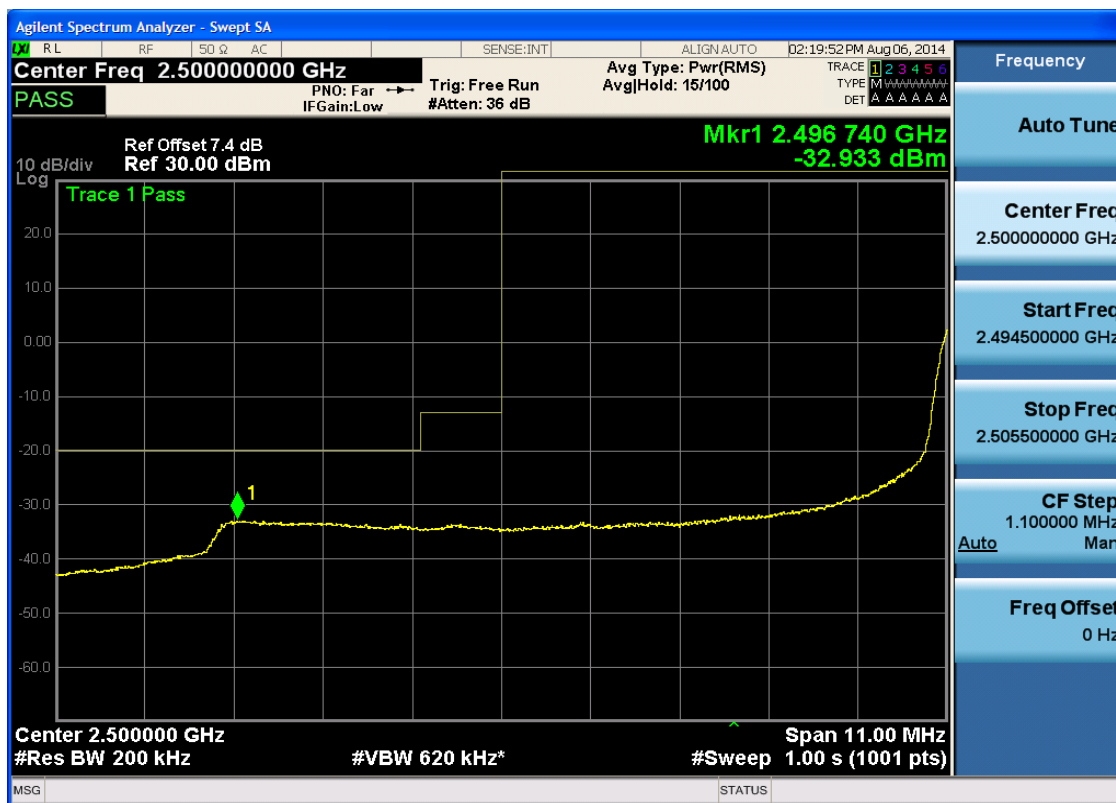


5.3.3.1.4.1.2 Test RB = RB1#99



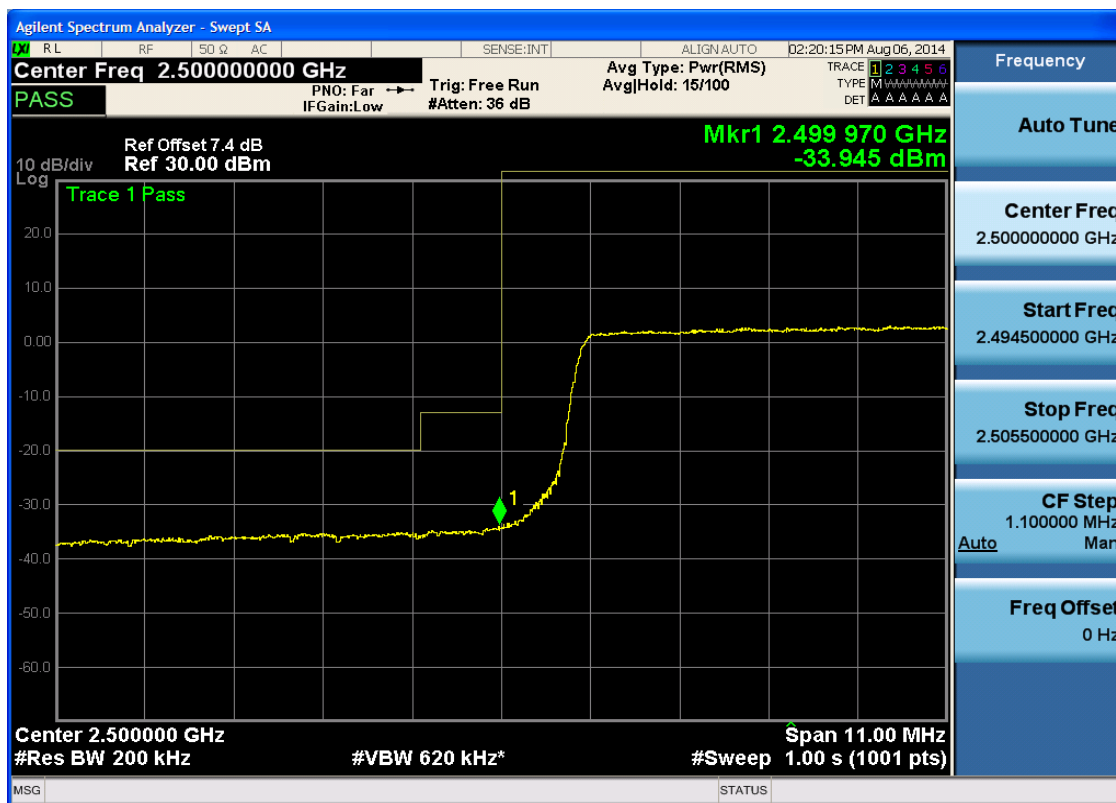


5.3.3.1.4.1.3 Test RB = RB50#25





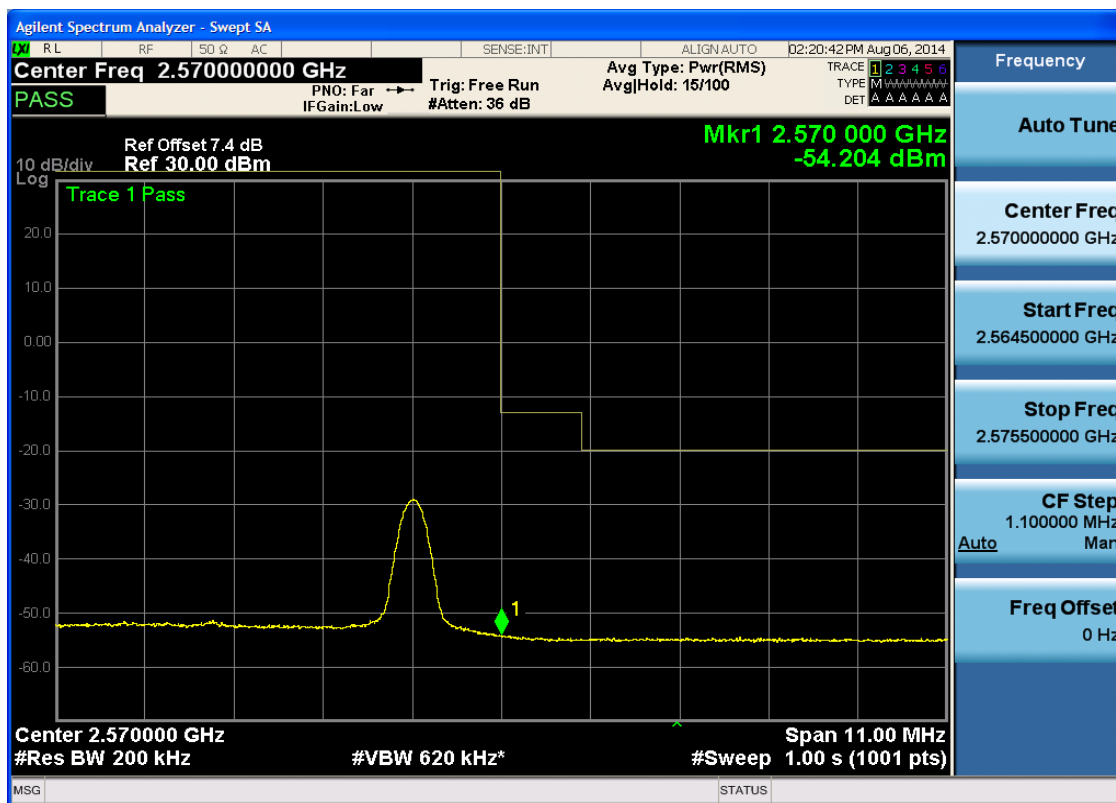
5.3.3.1.4.1.4 Test RB = RB100#0





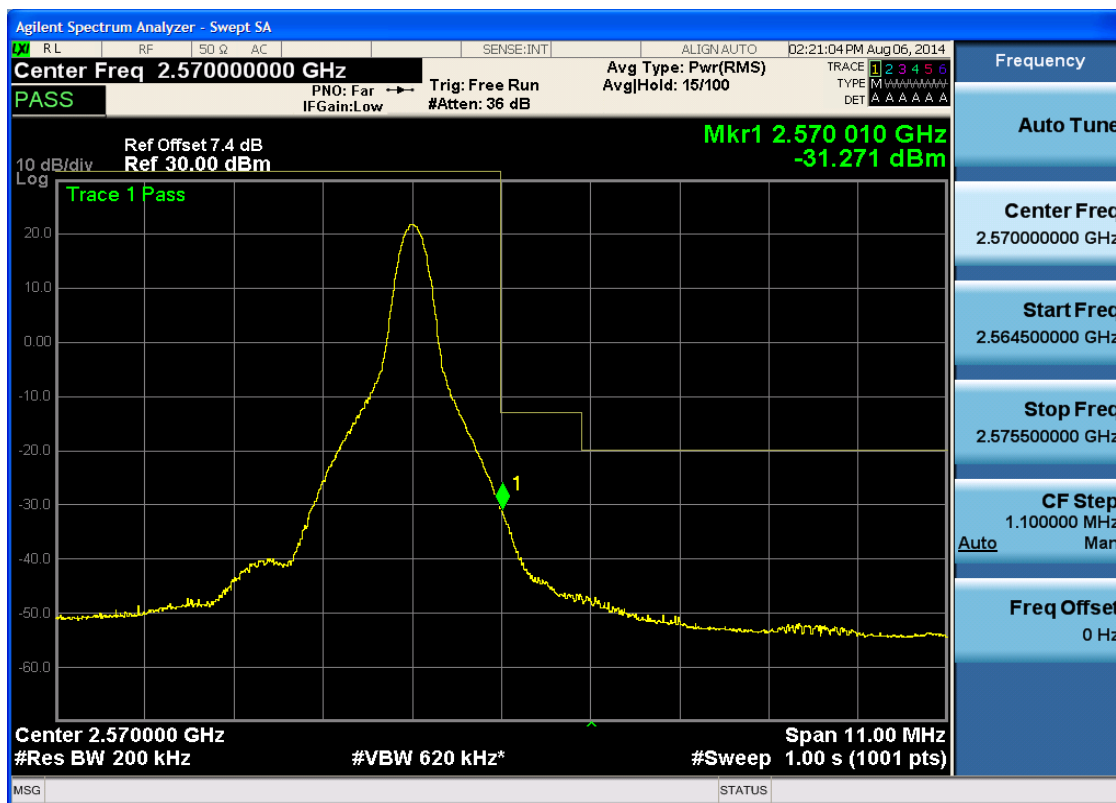
5.3.3.1.4.2 Test Channel = HCH

5.3.3.1.4.2.1 Test RB = RB1#0





5.3.3.1.4.2.2 Test RB = RB1#99



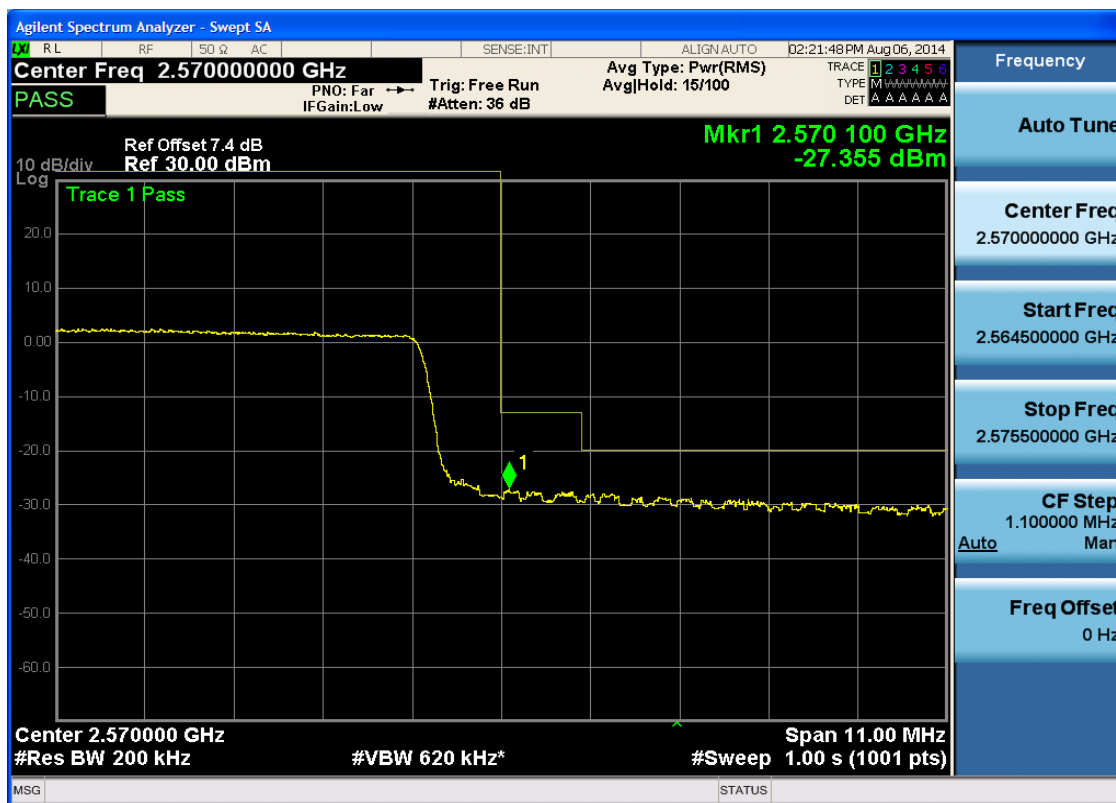


5.3.3.1.4.2.3 Test RB = RB50#25





5.3.3.1.4.2.4 Test RB = RB100#0



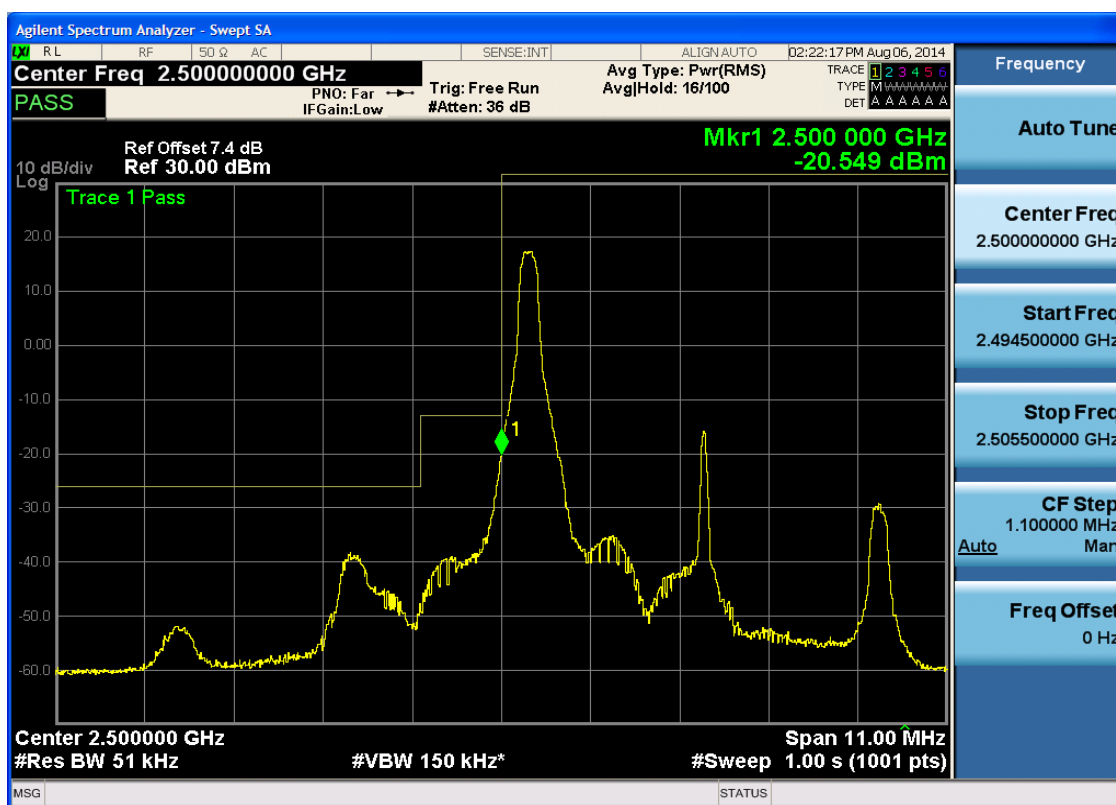


5.3.3.2 Test Mode = LTE/TM2

5.3.3.2.1 Test Bandwidth = 5

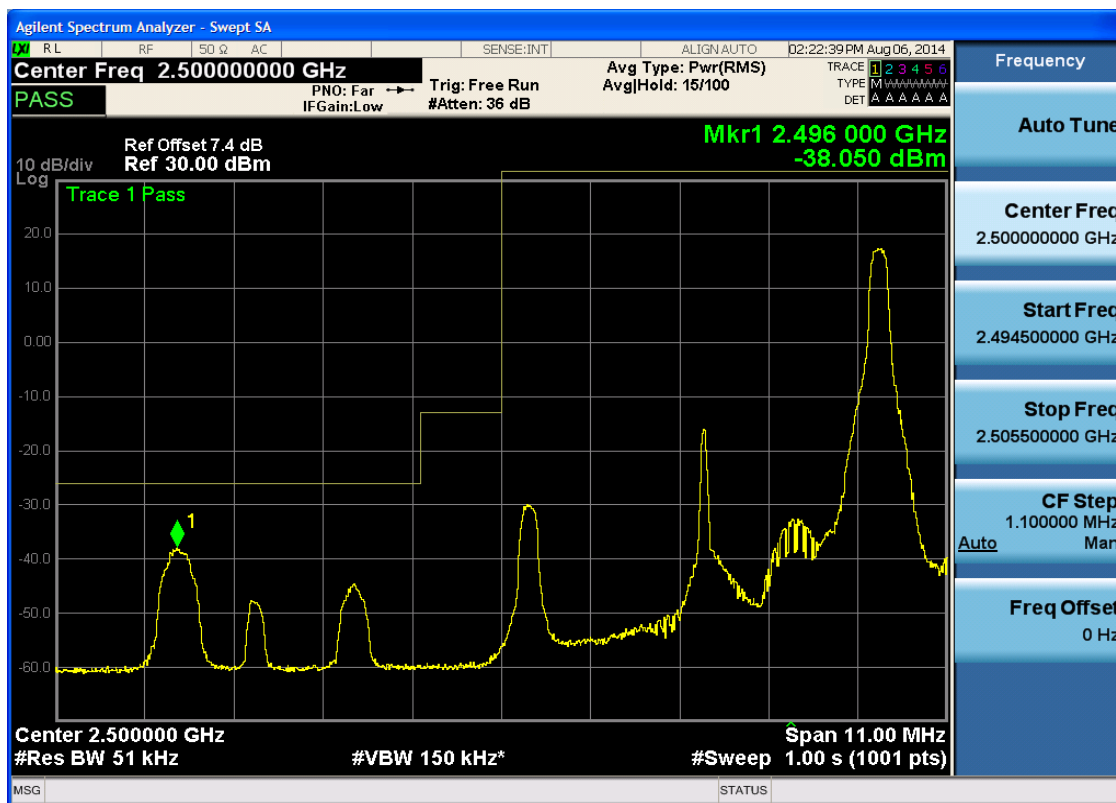
5.3.3.2.1.1 Test Channel = LCH

5.3.3.2.1.1.1 Test RB = RB1#0



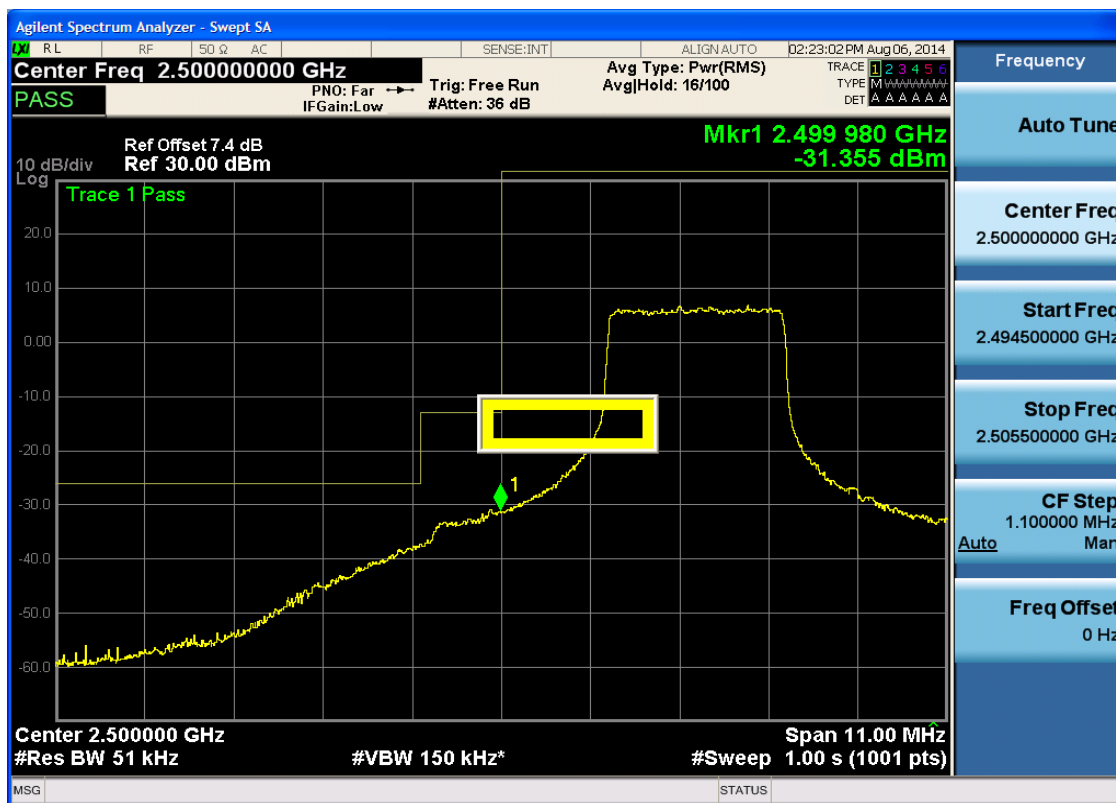


5.3.3.2.1.1.2 Test RB = RB1#24



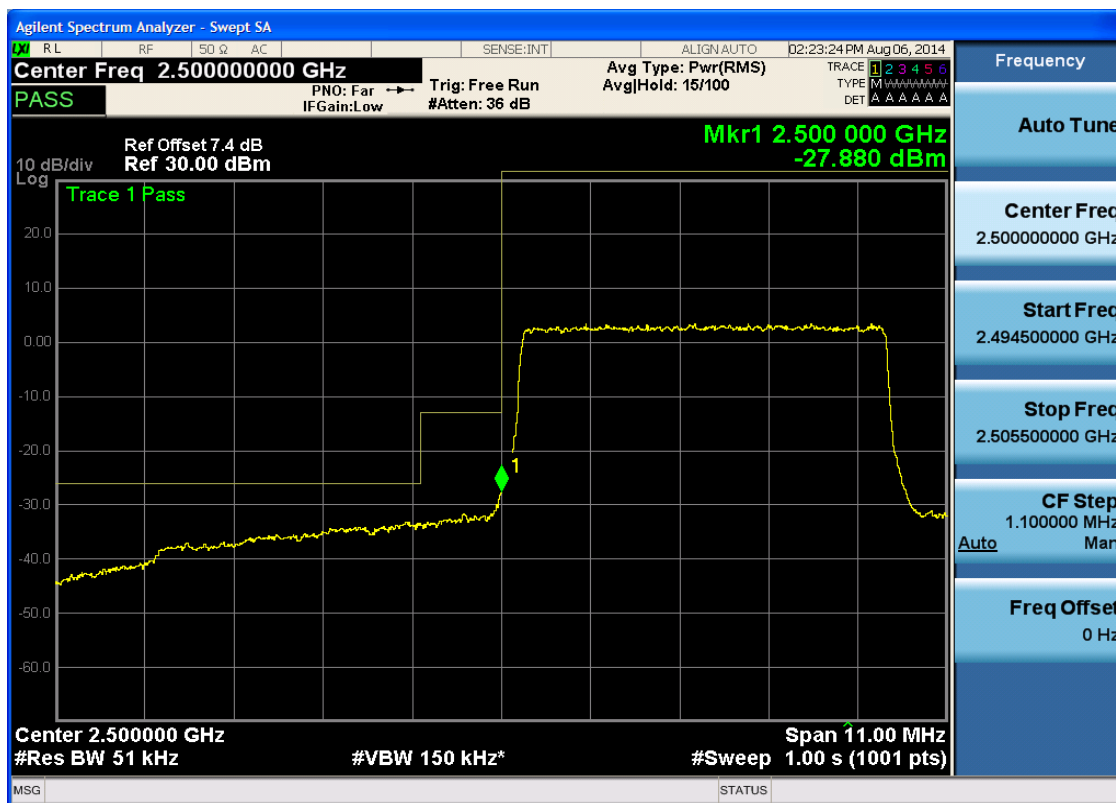


5.3.3.2.1.1.3 Test RB = RB12#6



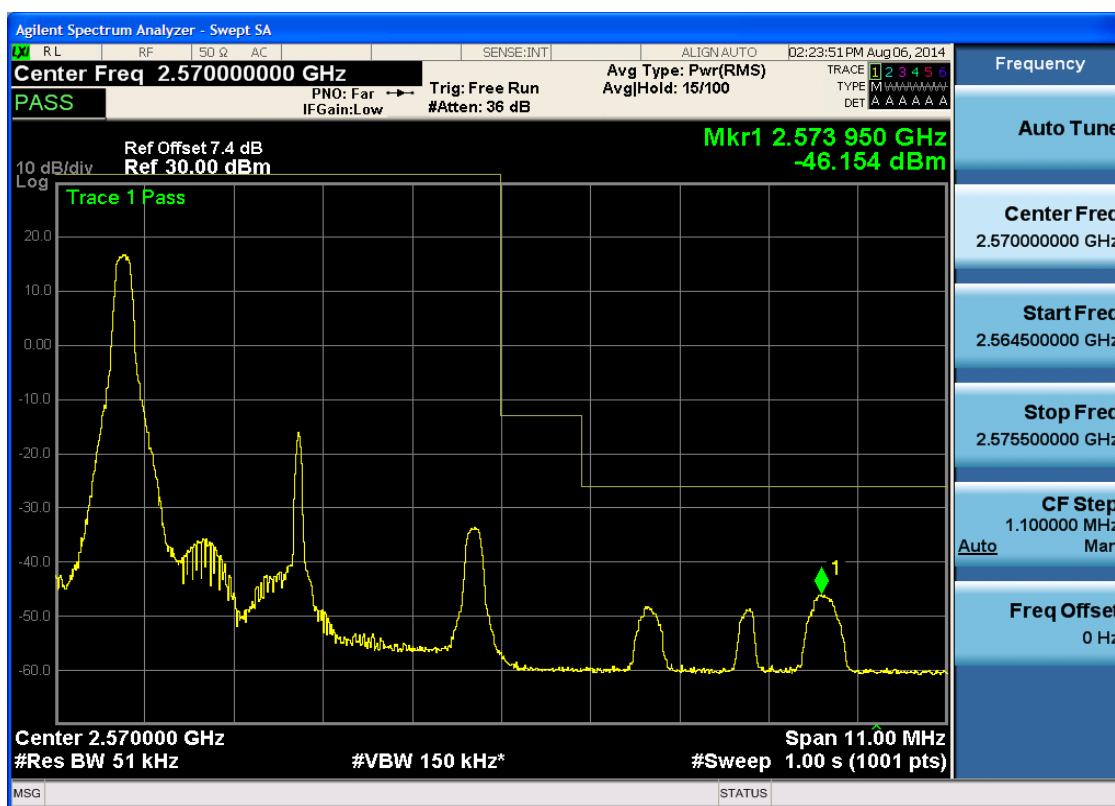


5.3.3.2.1.1.4 Test RB = RB25#0



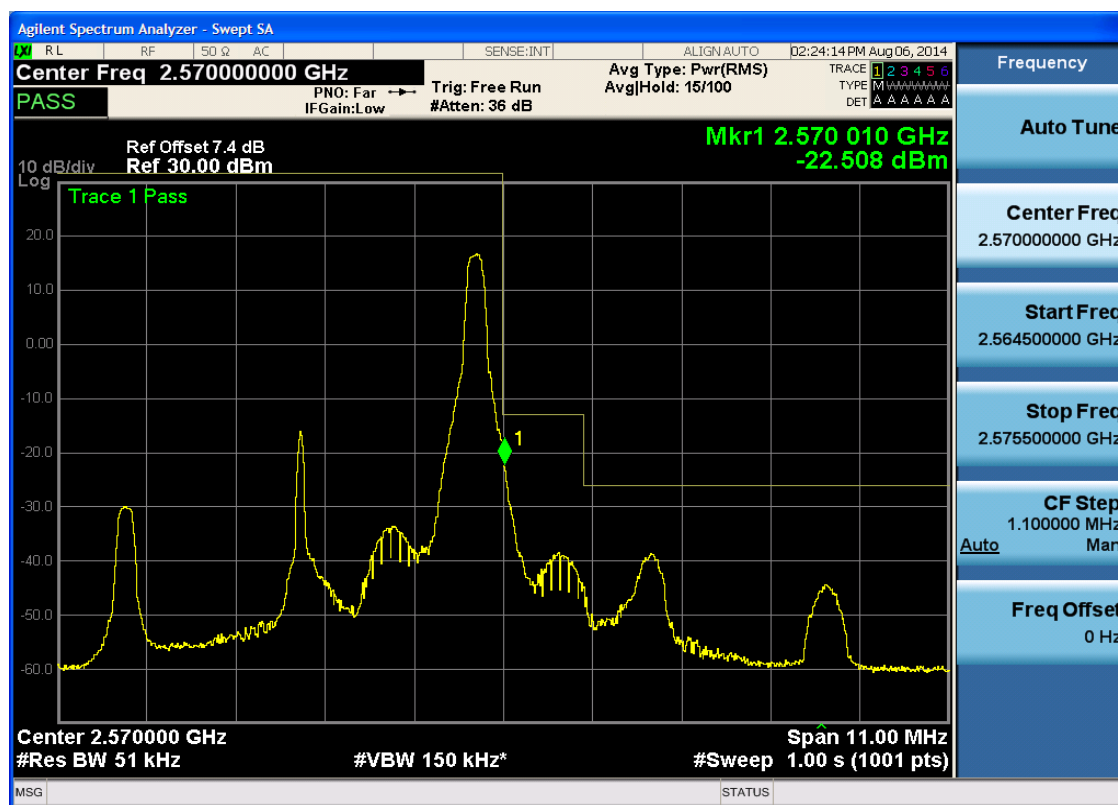
5.3.3.2.1.2 Test Channel = HCH

5.3.3.2.1.2.1 Test RB = RB1#0





5.3.3.2.1.2.2 Test RB = RB1#24





5.3.3.2.1.2.3 Test RB = RB12#6





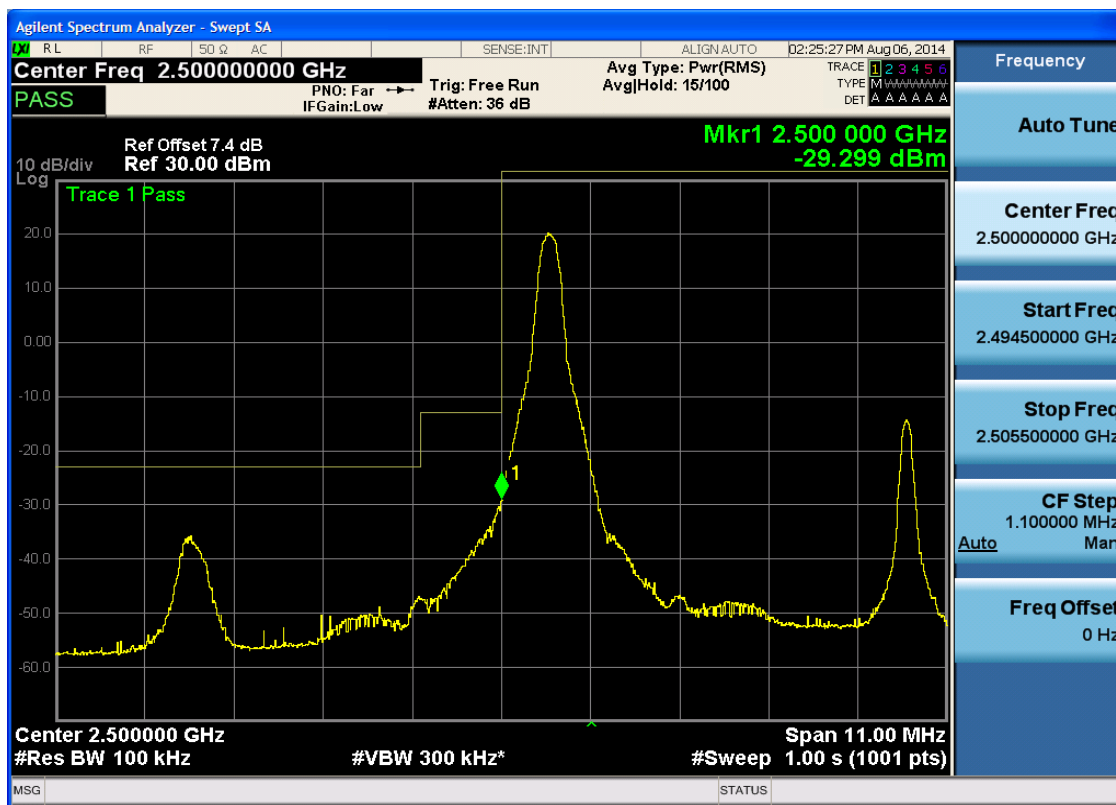
5.3.3.2.1.2.4 Test RB = RB25#0



5.3.3.2.2 Test Bandwidth = 10

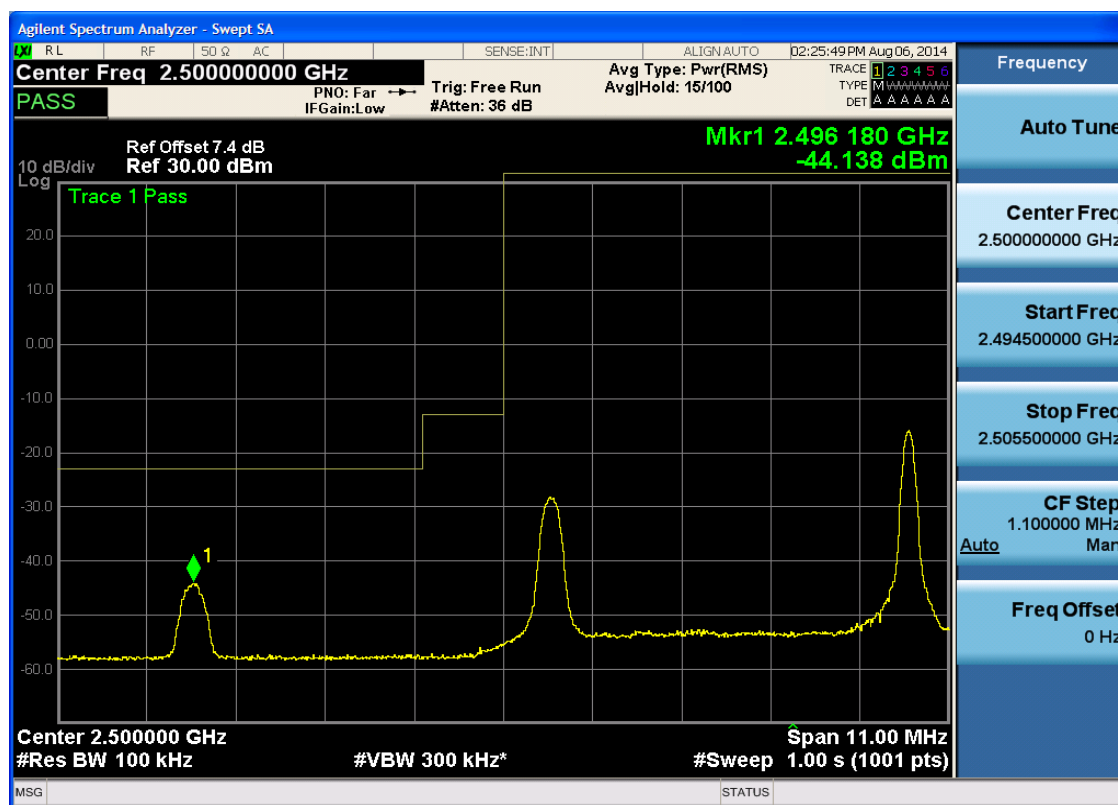
5.3.3.2.2.1 Test Channel = LCH

5.3.3.2.2.1.1 Test RB = RB1#0



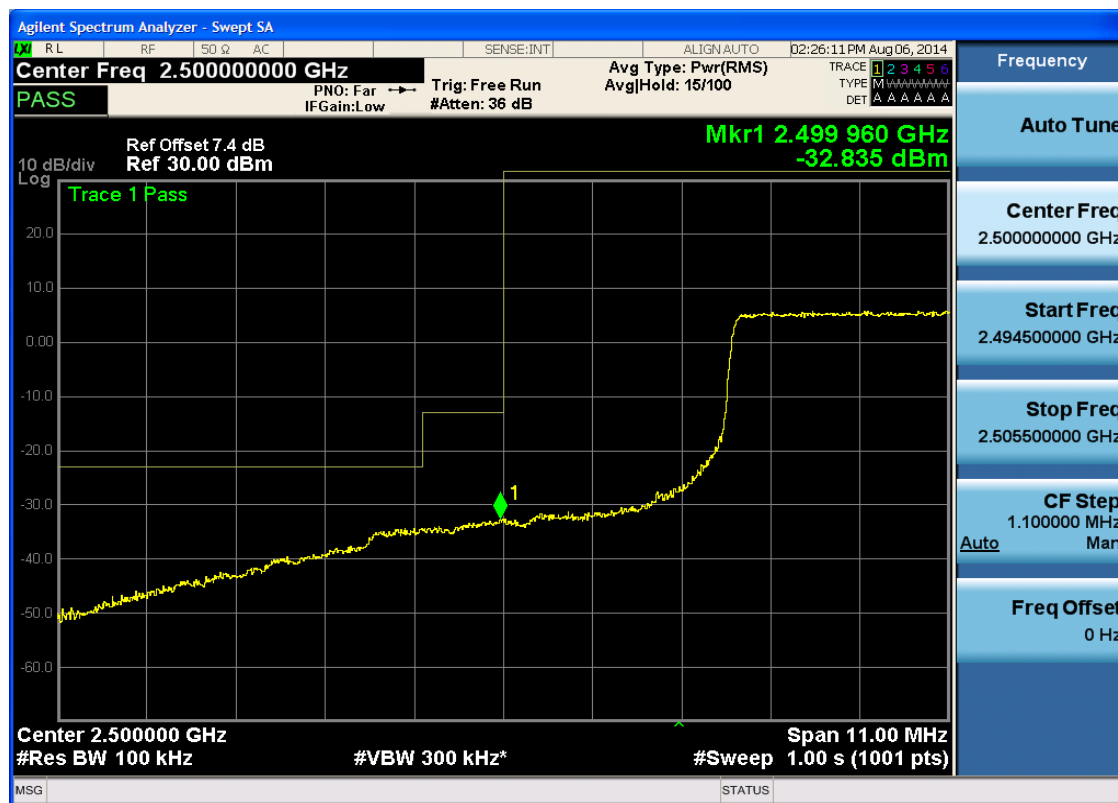


5.3.3.2.2.1.2 Test RB = RB1#49



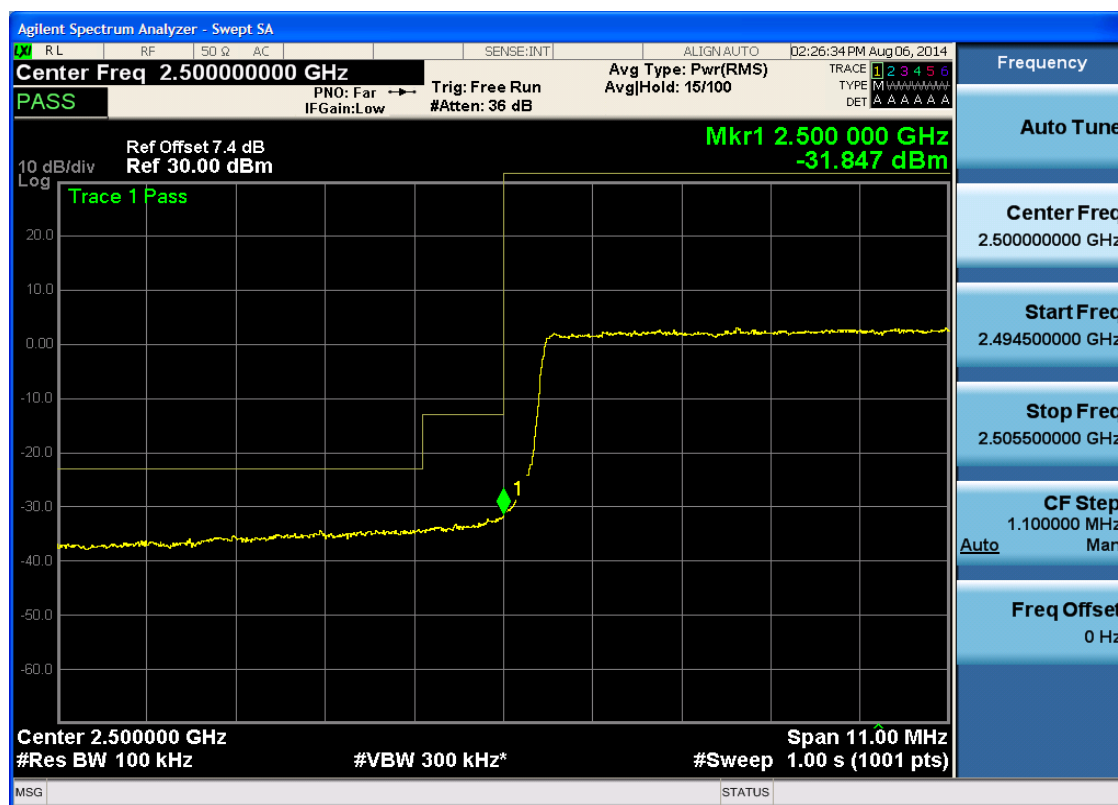


5.3.3.2.2.1.3 Test RB = RB25#13





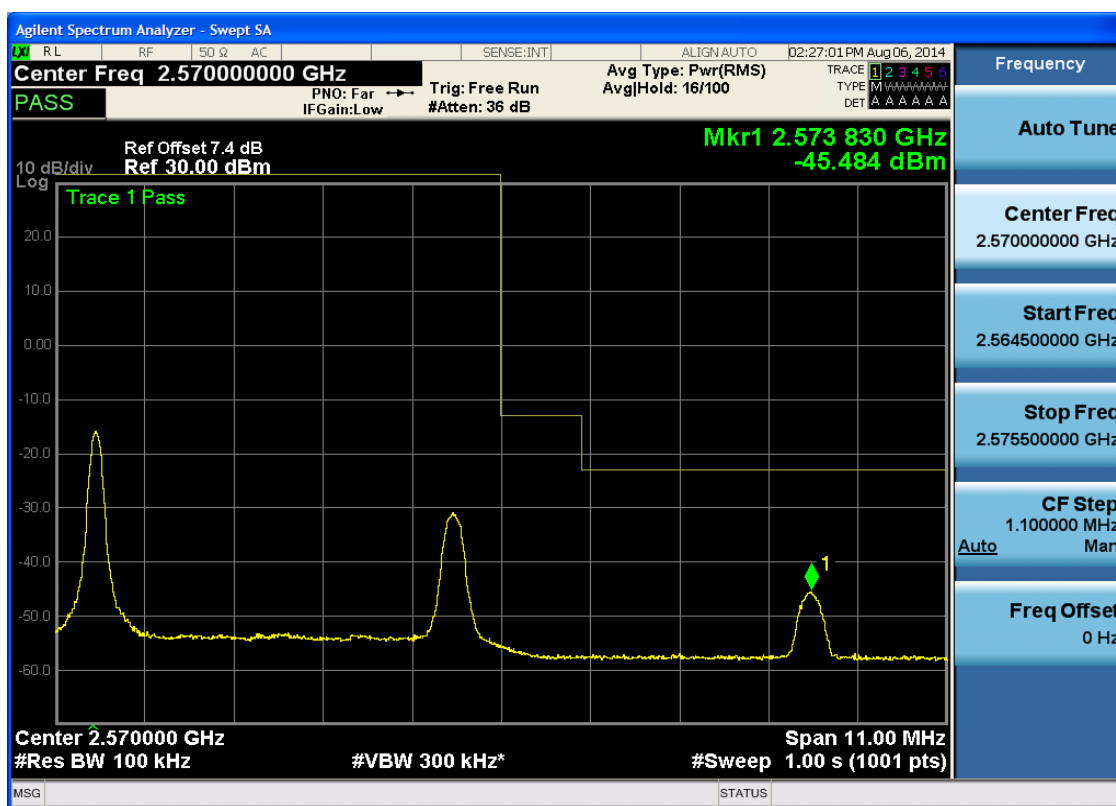
5.3.3.2.2.1.4 Test RB = RB50#0





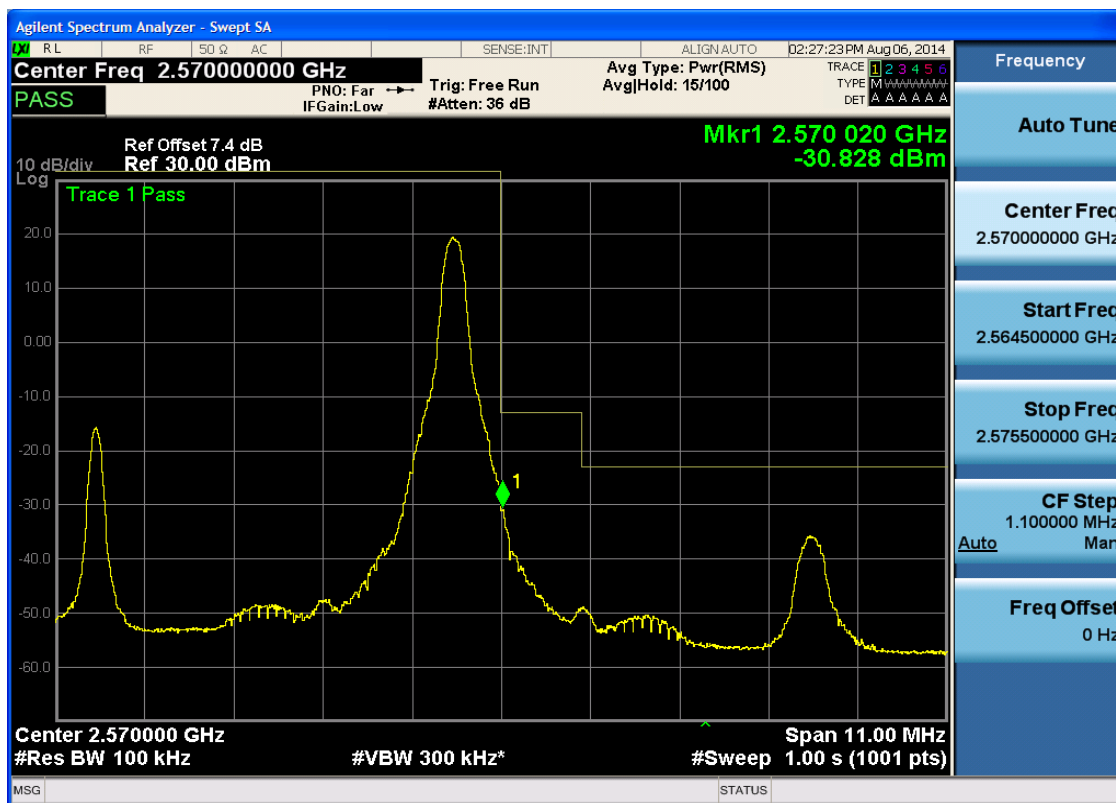
5.3.3.2.2 Test Channel = HCH

5.3.3.2.2.1 Test RB = RB1#0



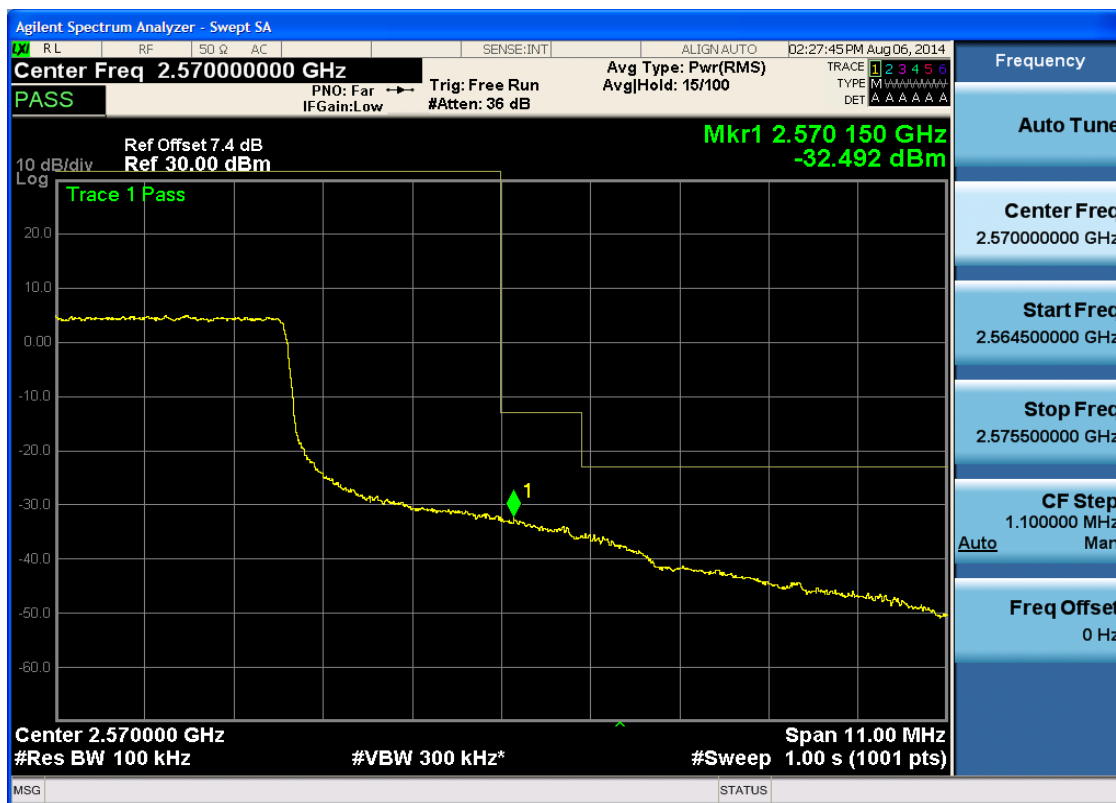


5.3.3.2.2.2 Test RB = RB1#49



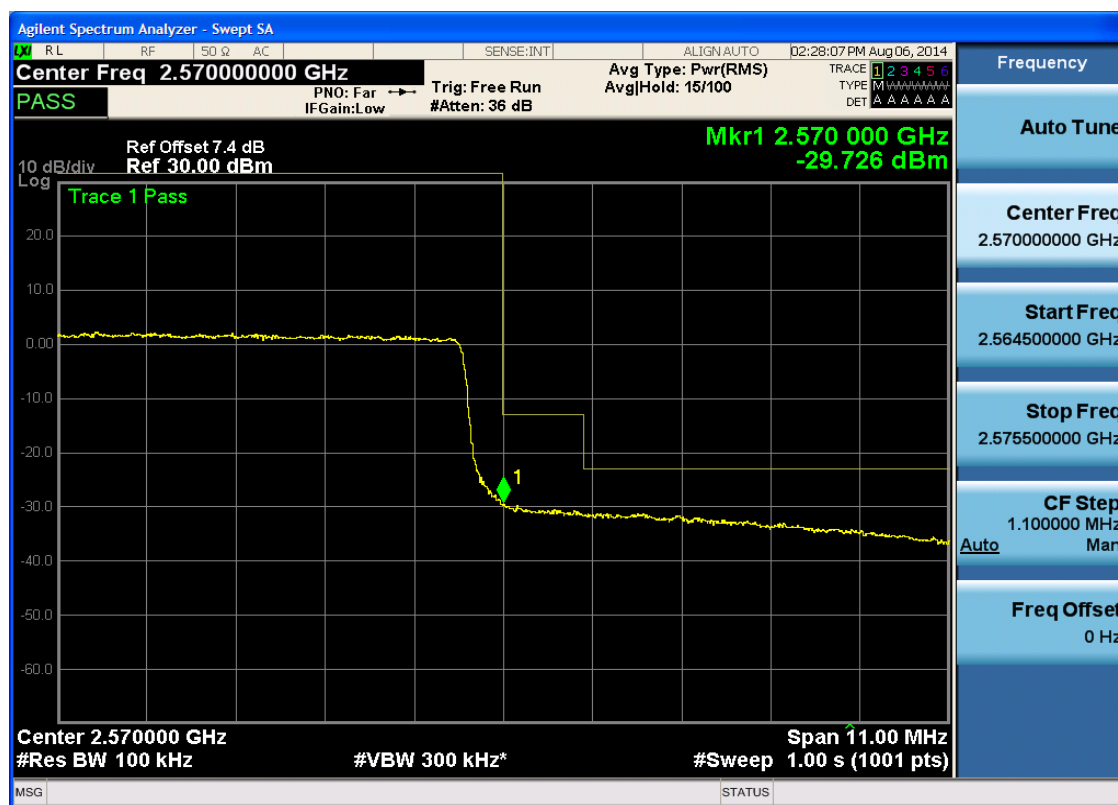


5.3.3.2.2.3 Test RB = RB25#13





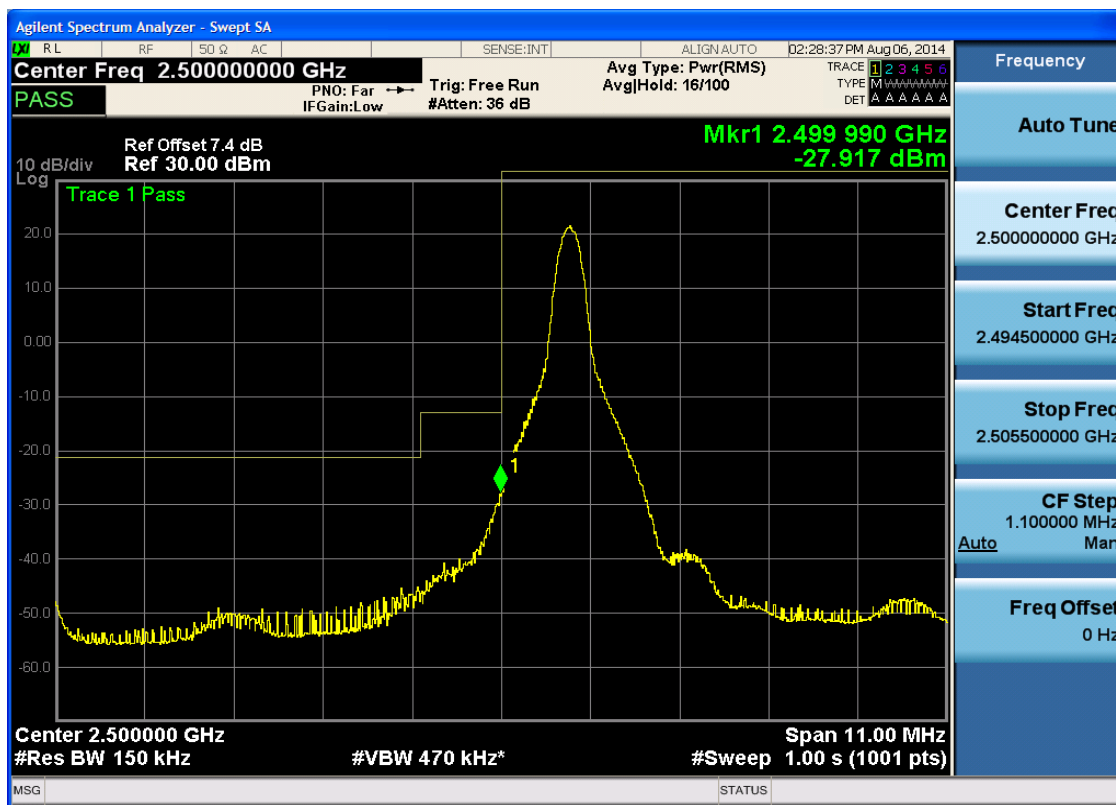
5.3.3.2.2.4 Test RB = RB50#0



5.3.3.2.3 Test Bandwidth = 15

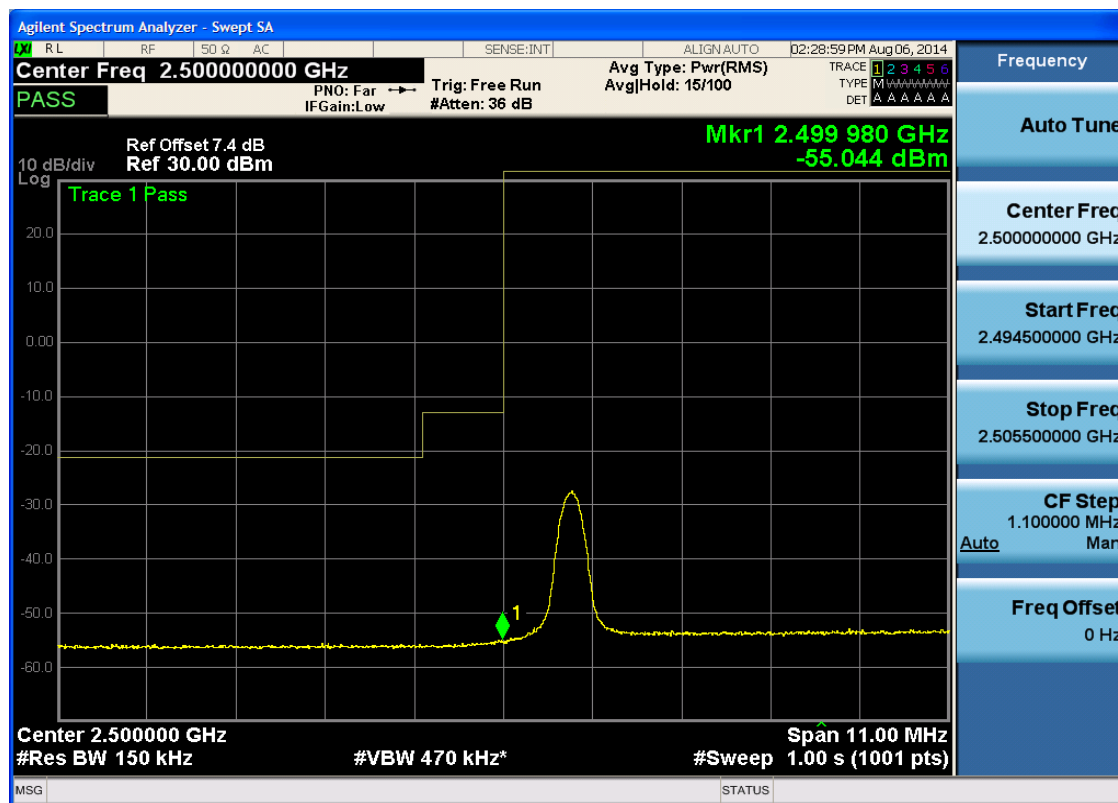
5.3.3.2.3.1 Test Channel = LCH

5.3.3.2.3.1.1 Test RB = RB1#0



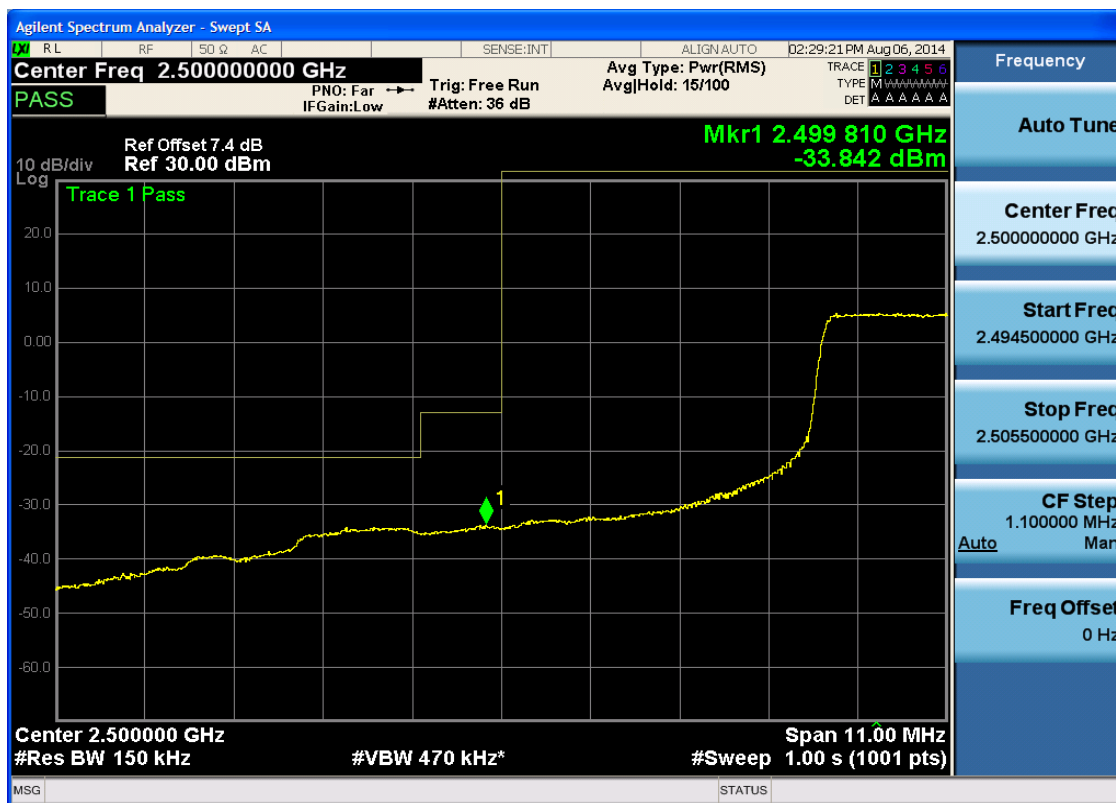


5.3.3.2.3.1.2 Test RB = RB1#74



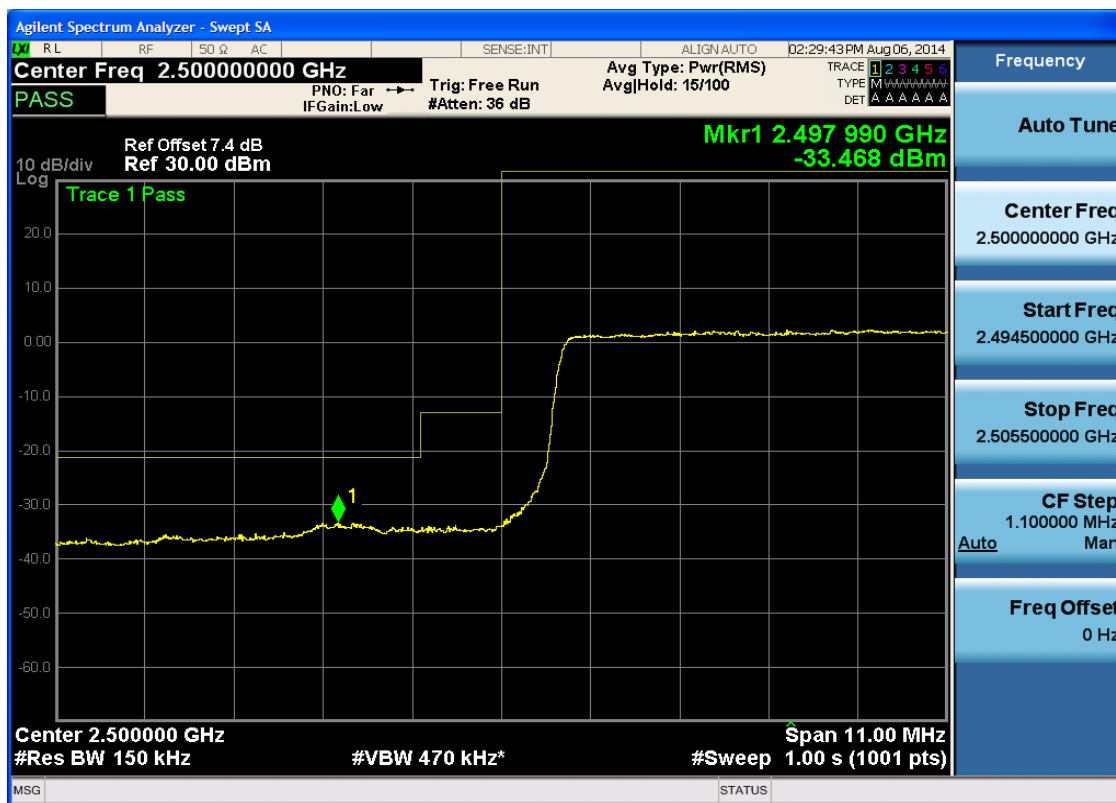


5.3.3.2.3.1.3 Test RB = RB36#18





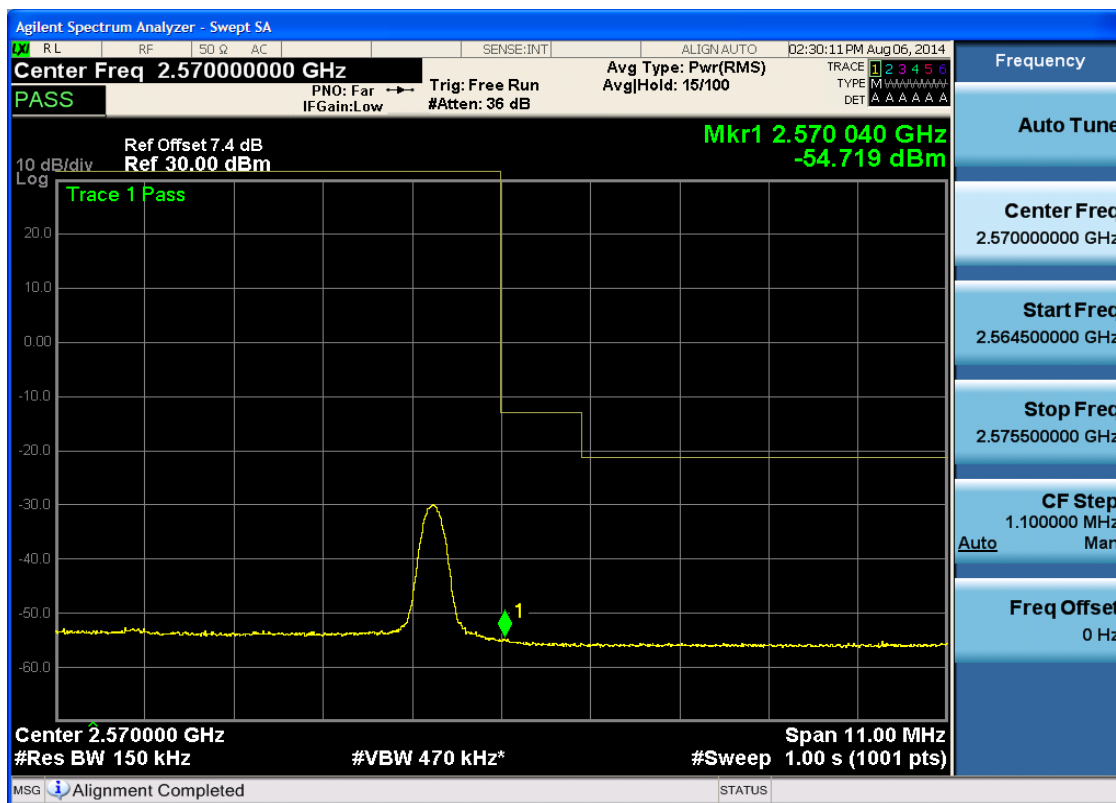
5.3.3.2.3.1.4 Test RB = RB75#0





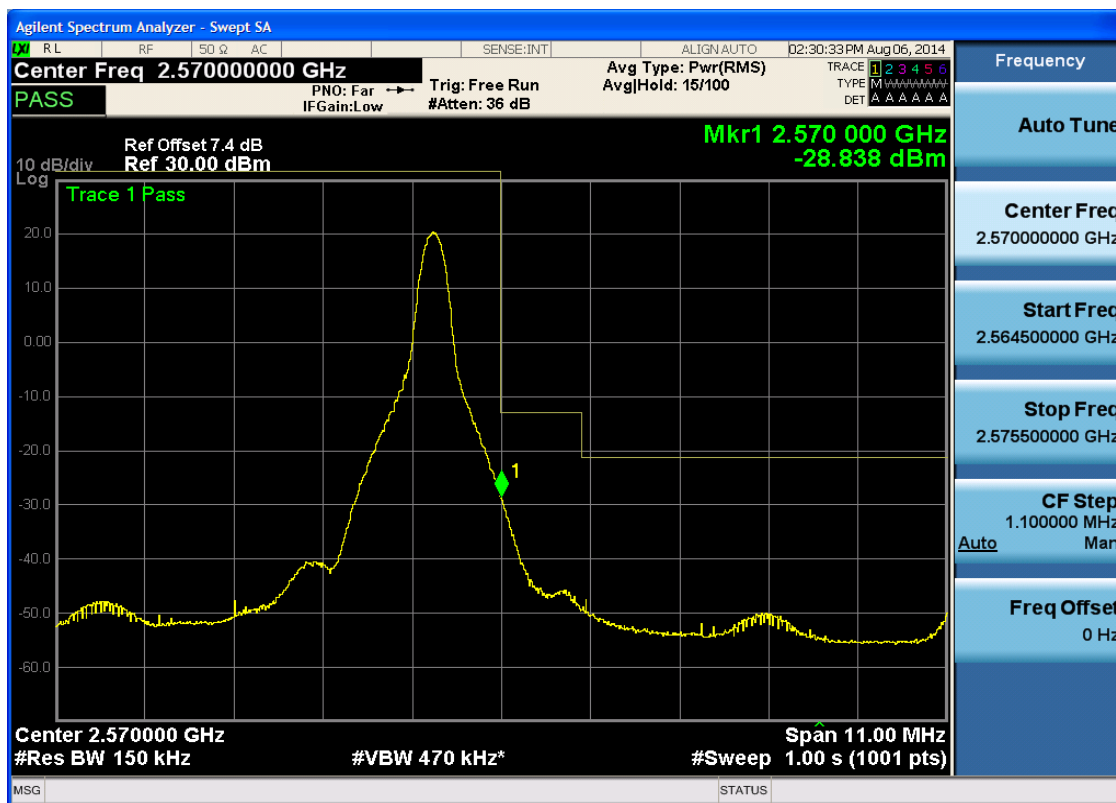
5.3.3.2.3.2 Test Channel = HCH

5.3.3.2.3.2.1 Test RB = RB1#0



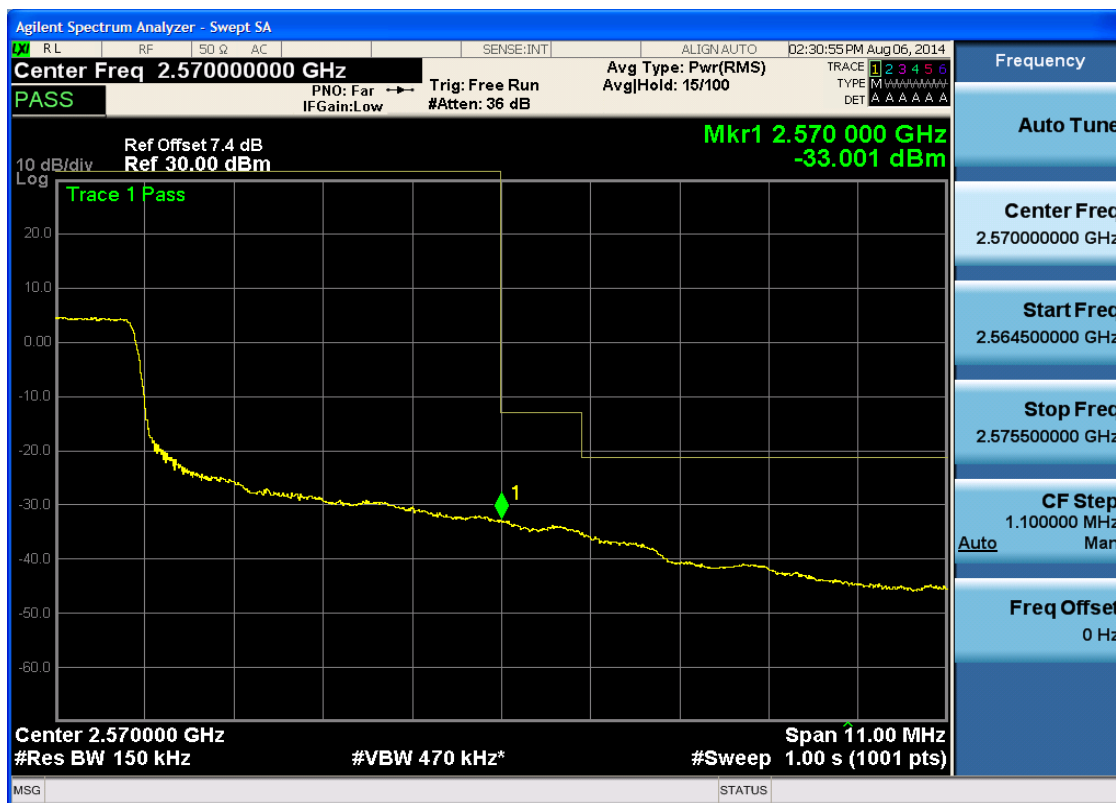


5.3.3.2.3.2.2 Test RB = RB1#74



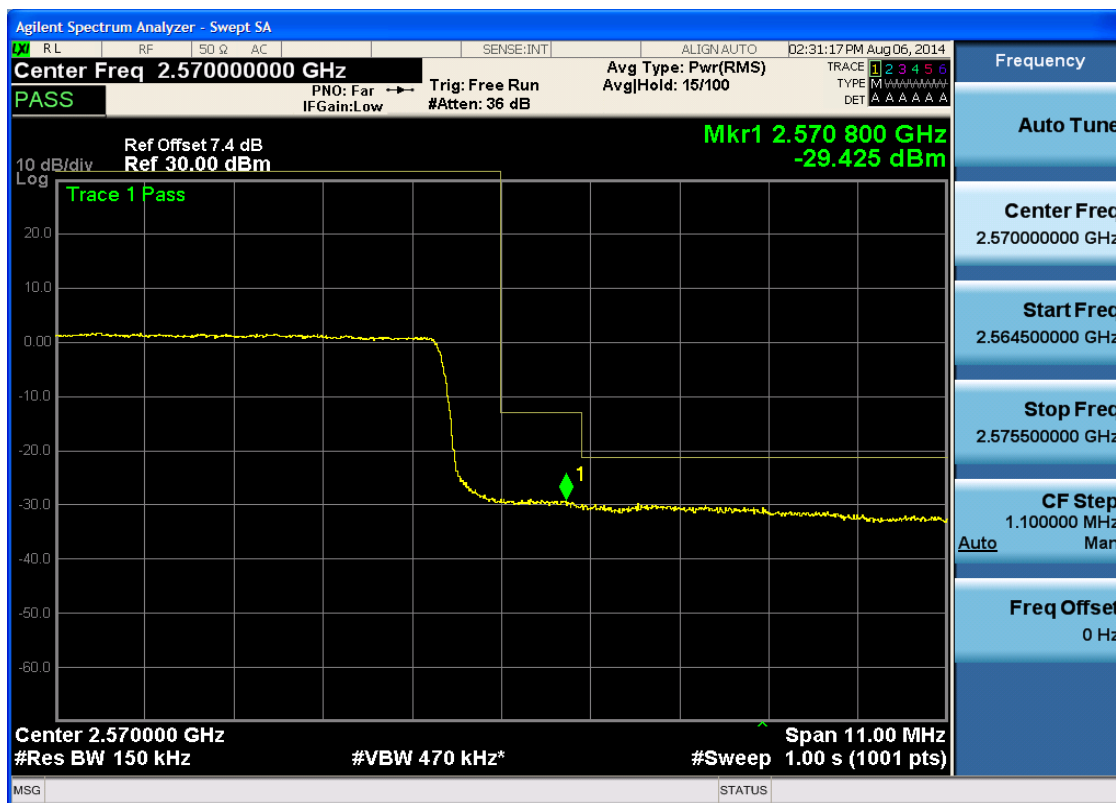


5.3.3.2.3.2.3 Test RB = RB36#18





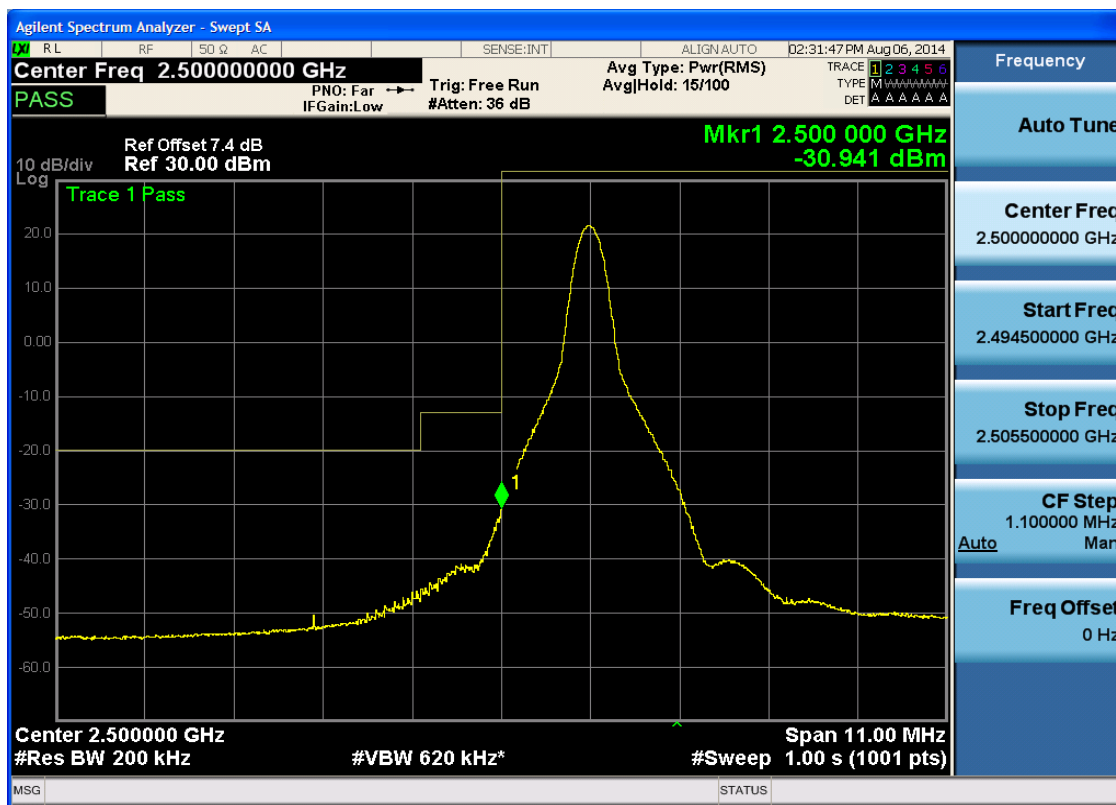
5.3.3.2.3.2.4 Test RB = RB75#0



5.3.3.2.4 Test Bandwidth = 20

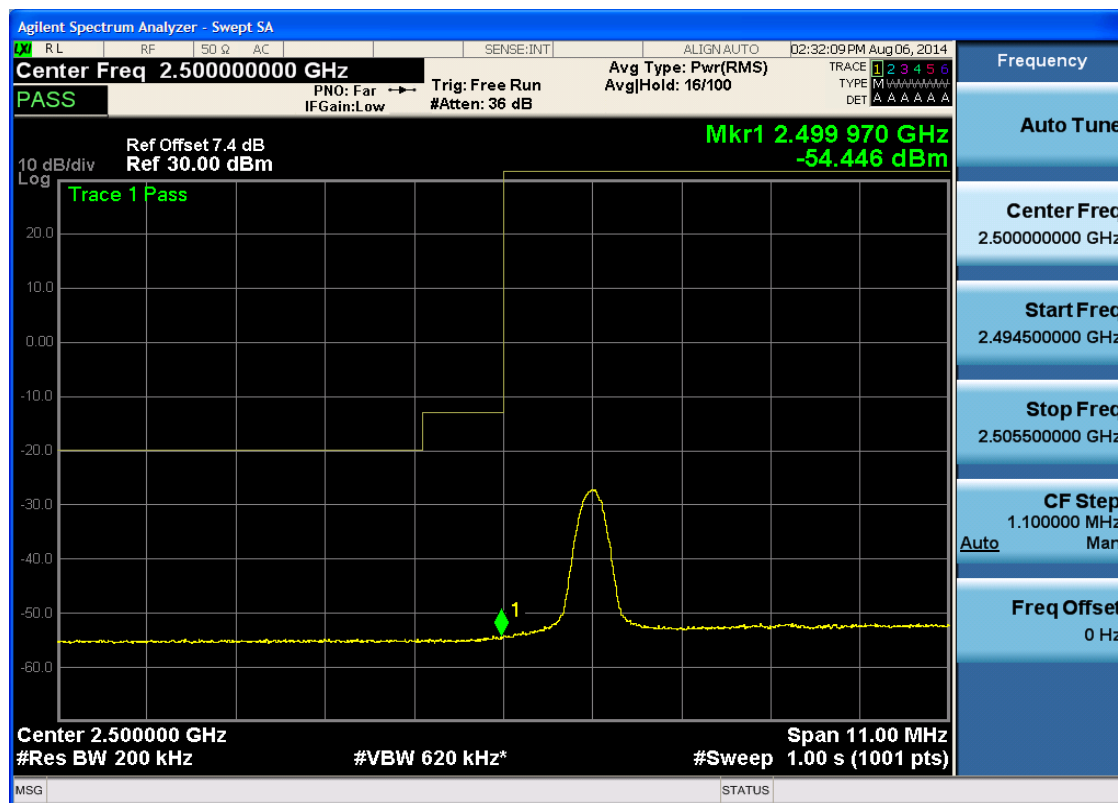
5.3.3.2.4.1 Test Channel = LCH

5.3.3.2.4.1.1 Test RB = RB1#0



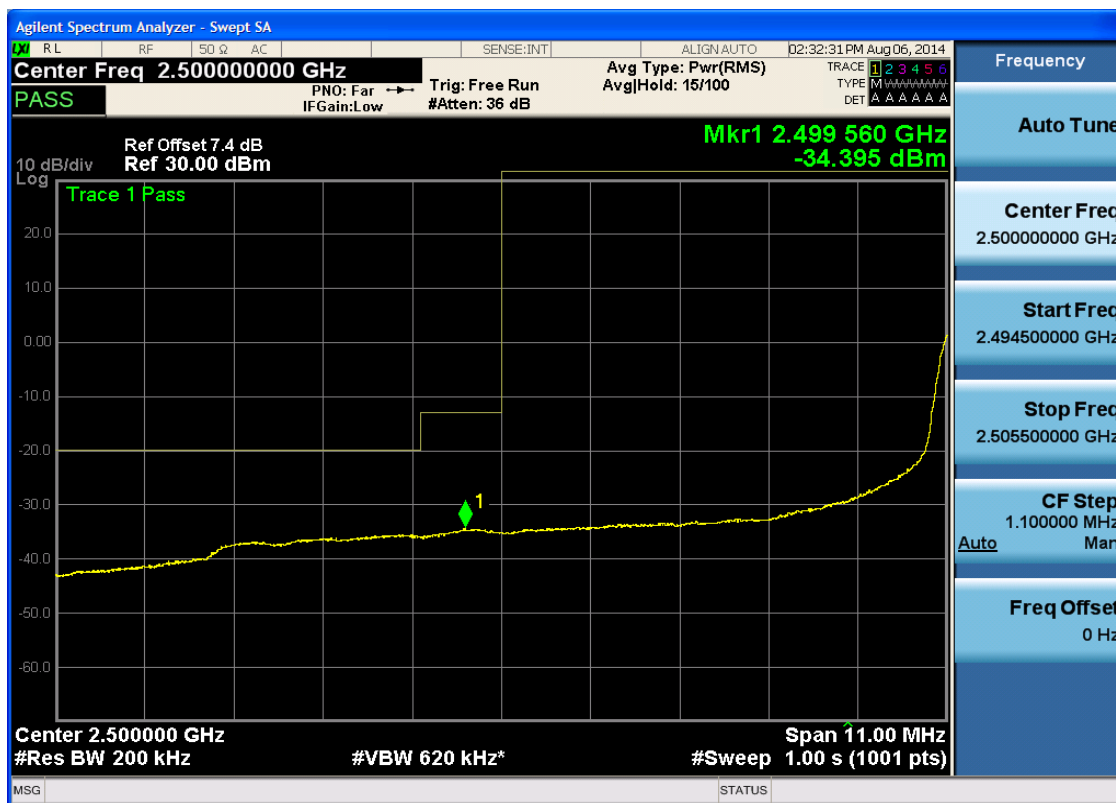


5.3.3.2.4.1.2 Test RB = RB1#99



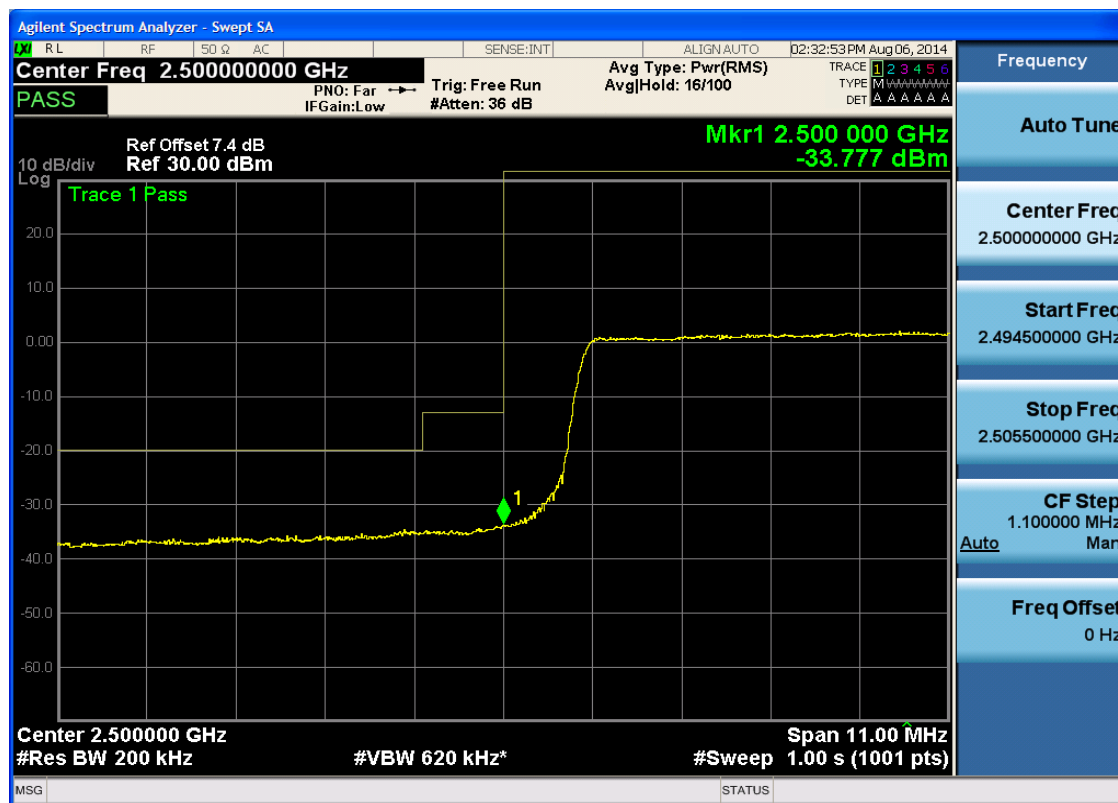


5.3.3.2.4.1.3 Test RB = RB50#25





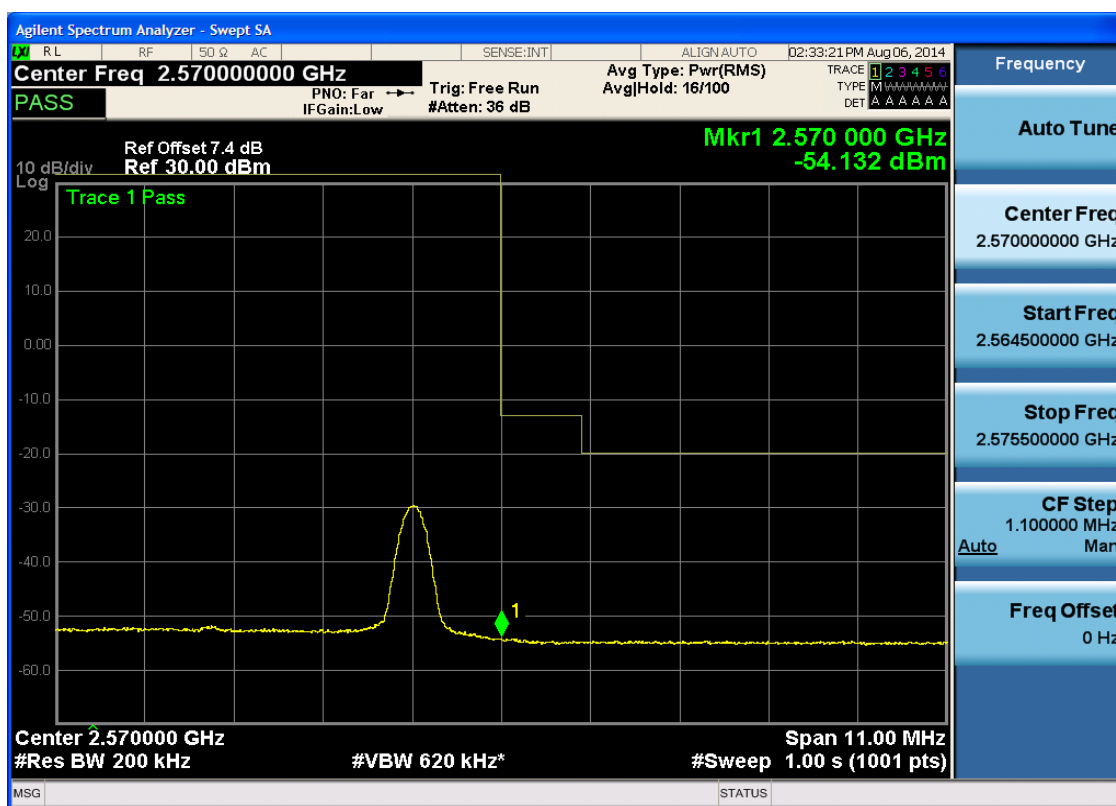
5.3.3.2.4.1.4 Test RB = RB100#0





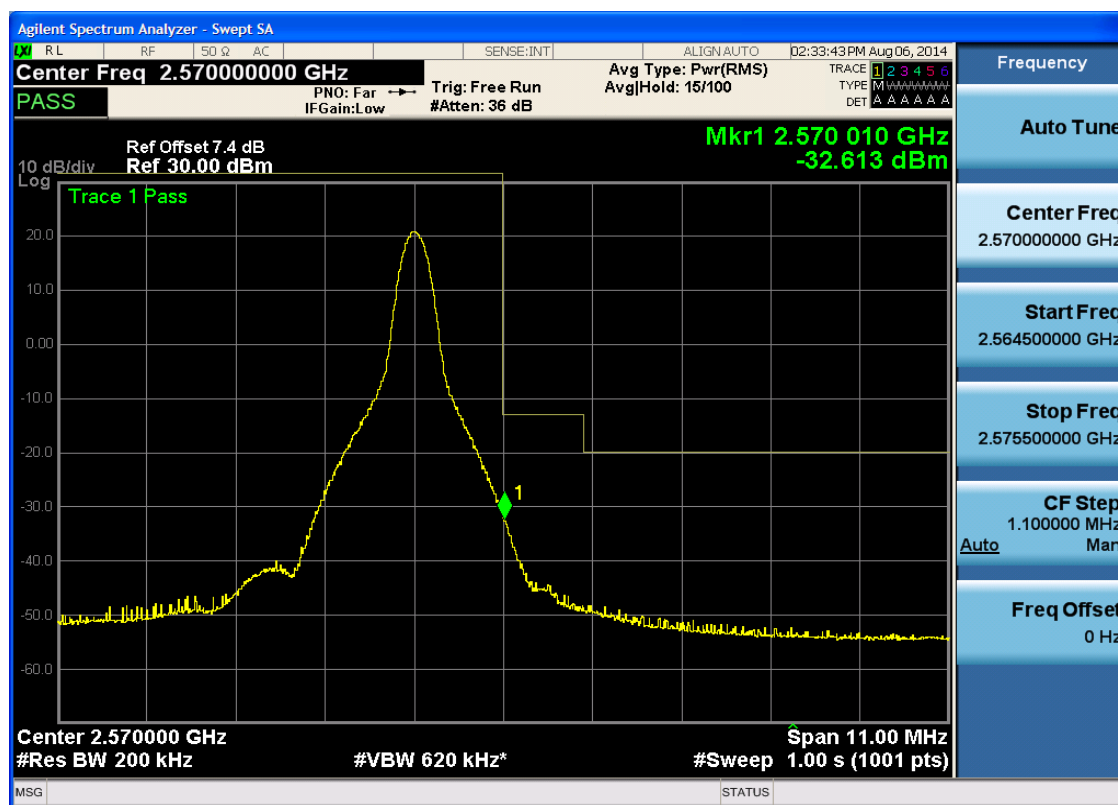
5.3.3.2.4.2 Test Channel = HCH

5.3.3.2.4.2.1 Test RB = RB1#0





5.3.3.2.4.2.2 Test RB = RB1#99



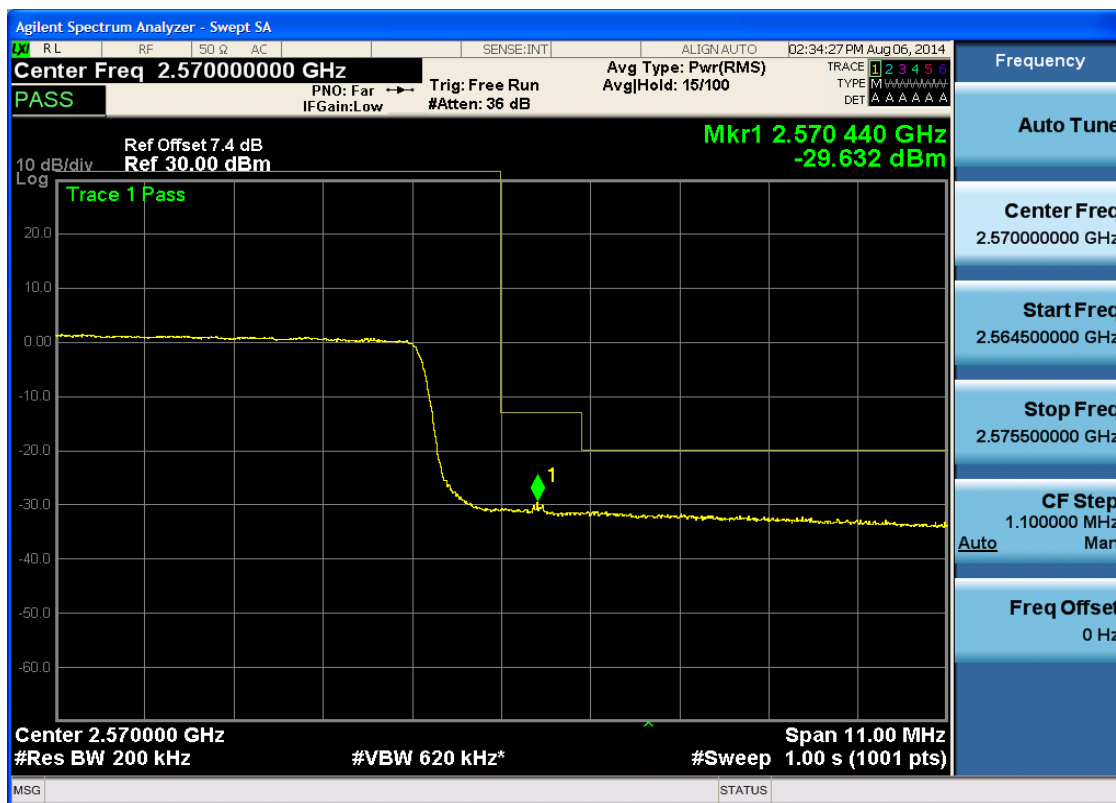


5.3.3.2.4.2.3 Test RB = RB50#25





5.3.3.2.4.2.4 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.

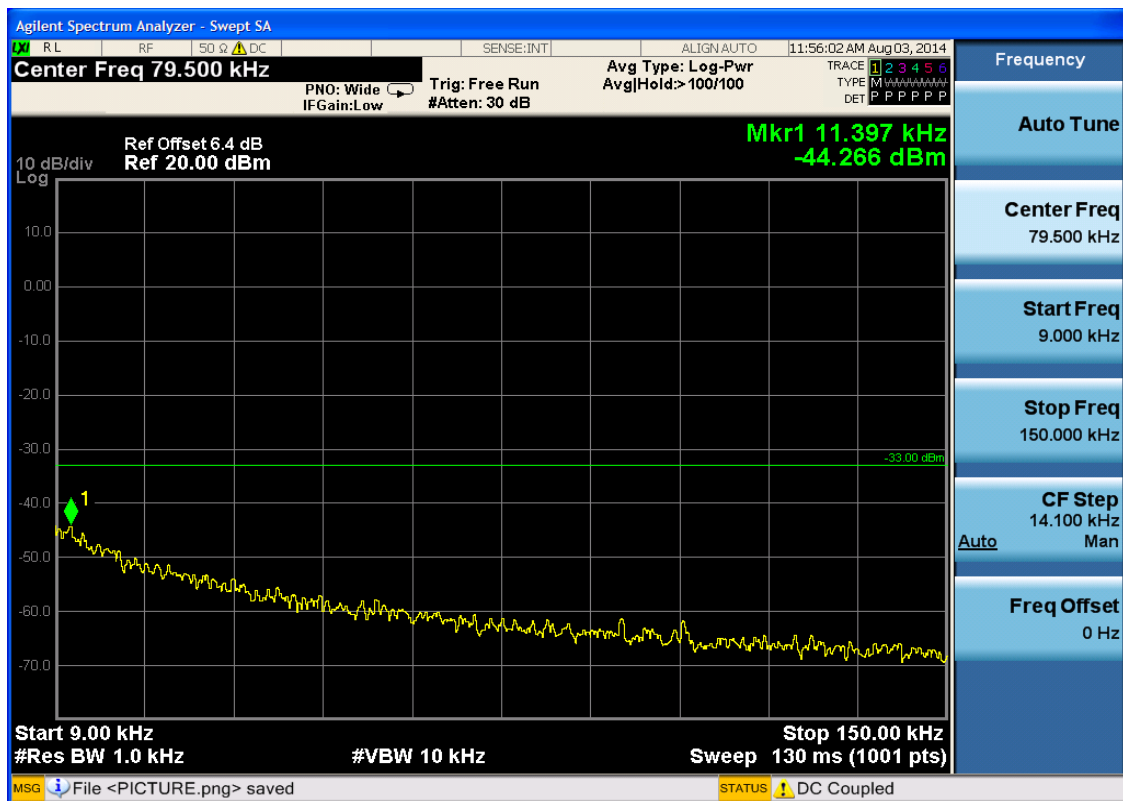
Part I - Test Plots

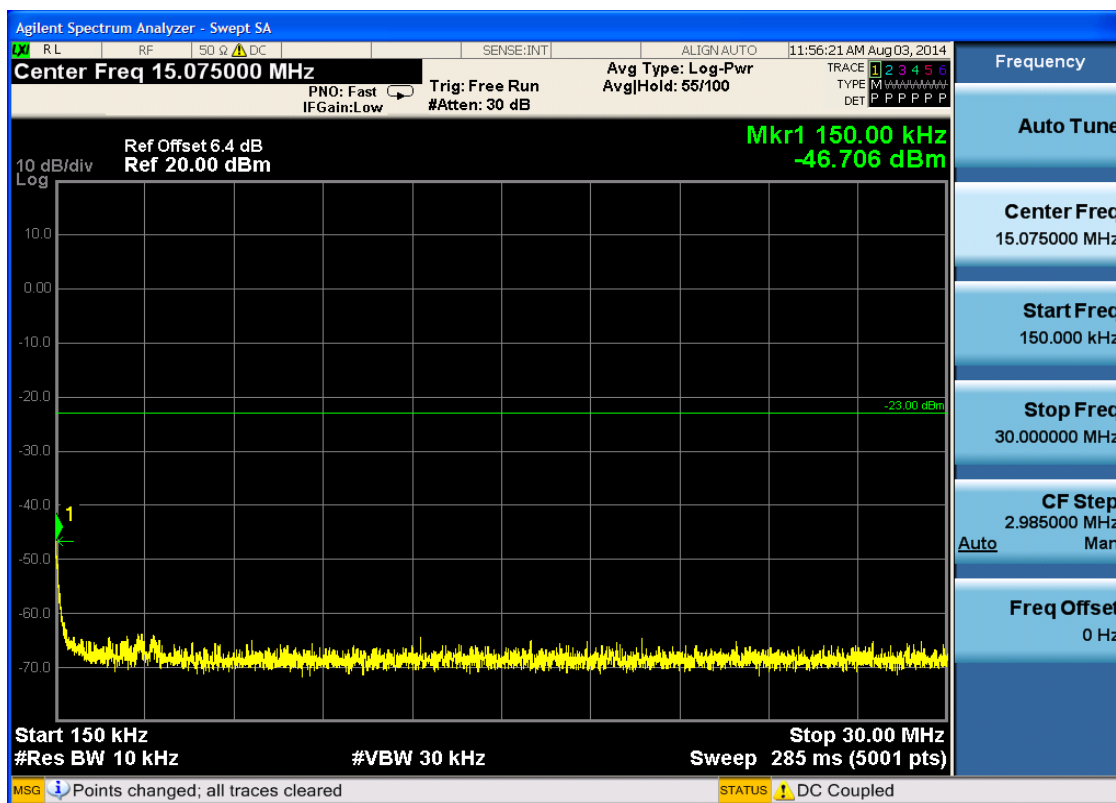
6.1 For GSM

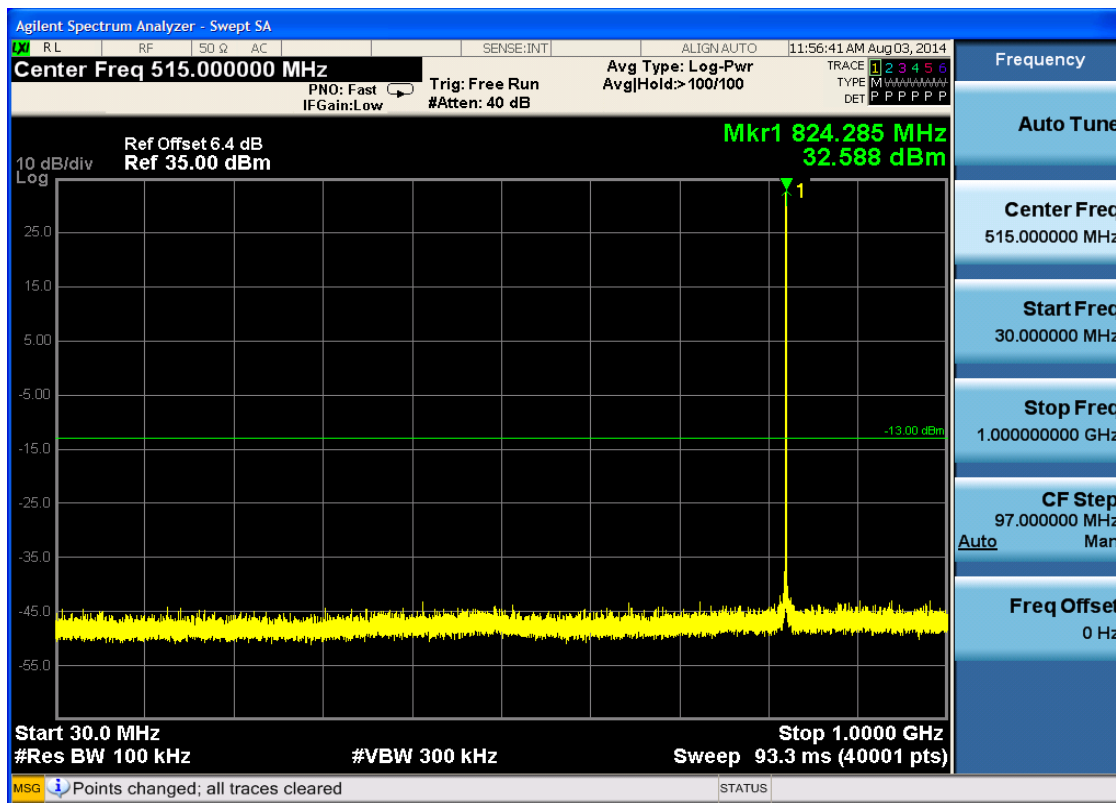
6.1.1 Test Band = GSM850

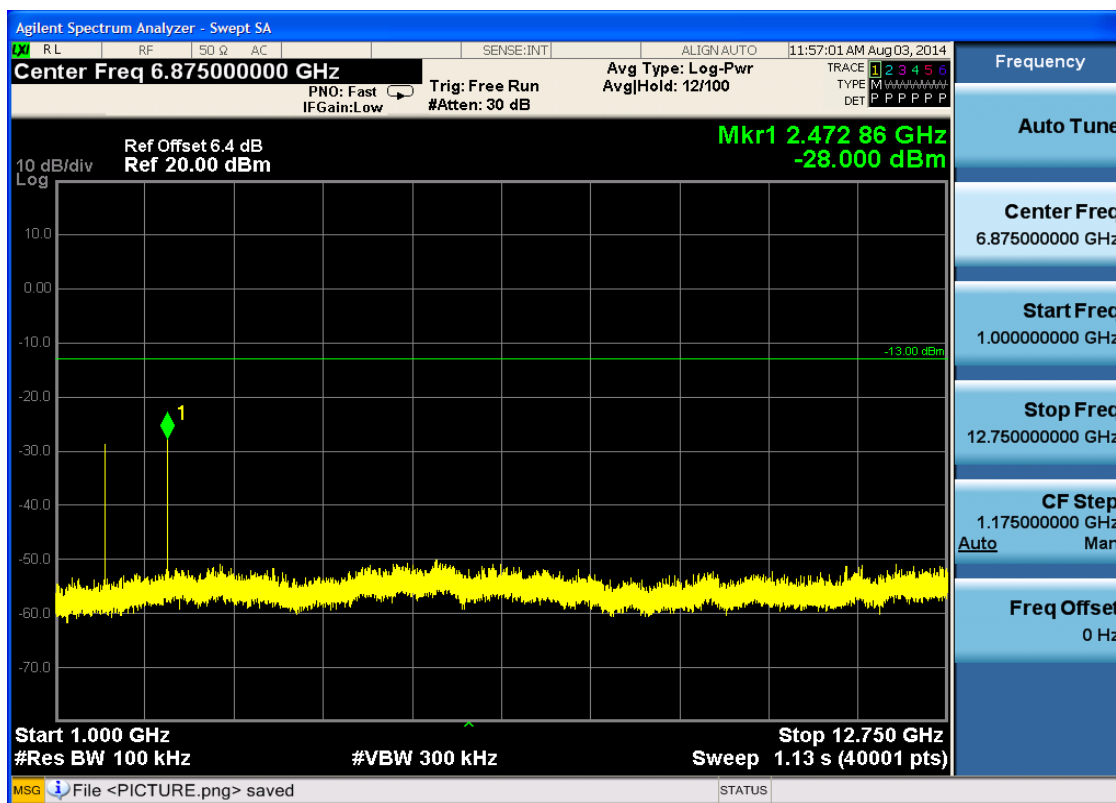
6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



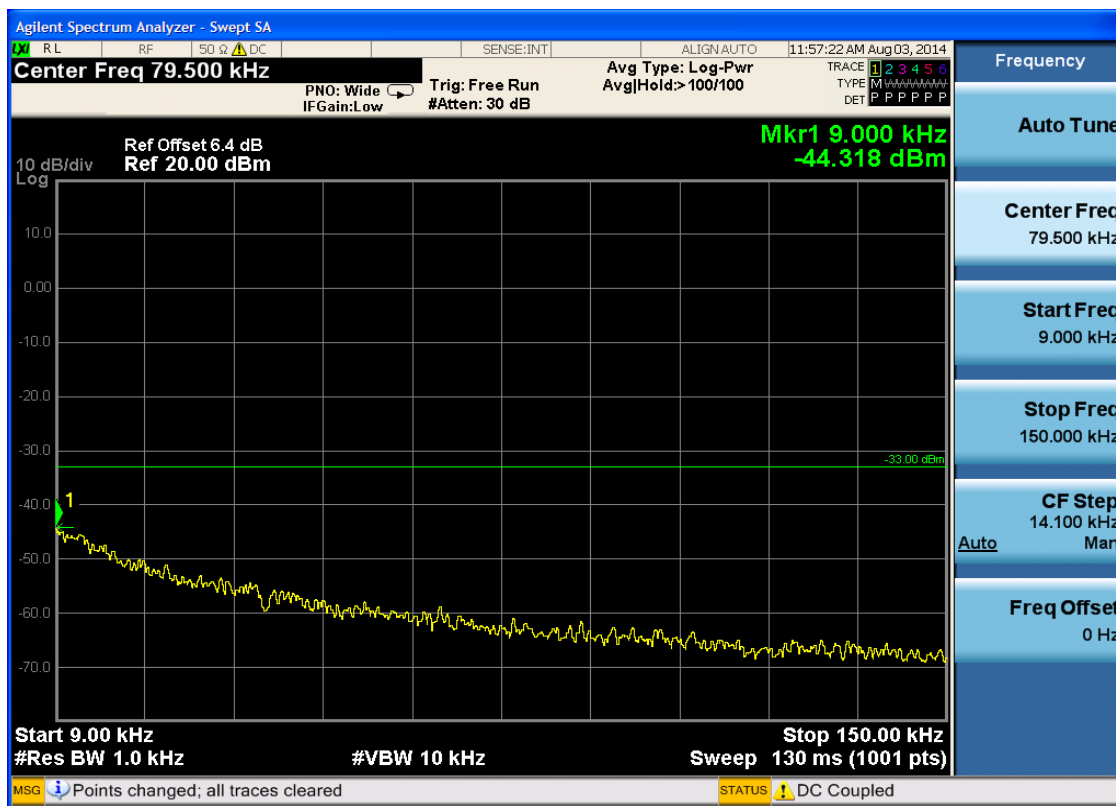


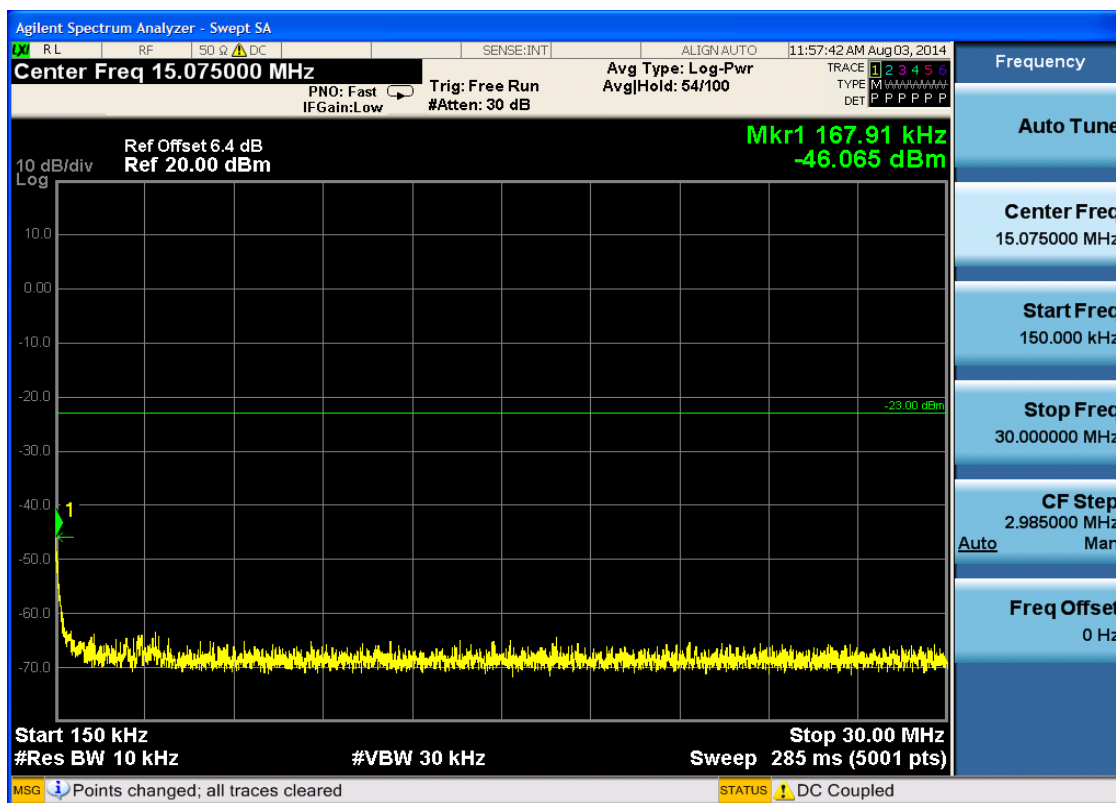


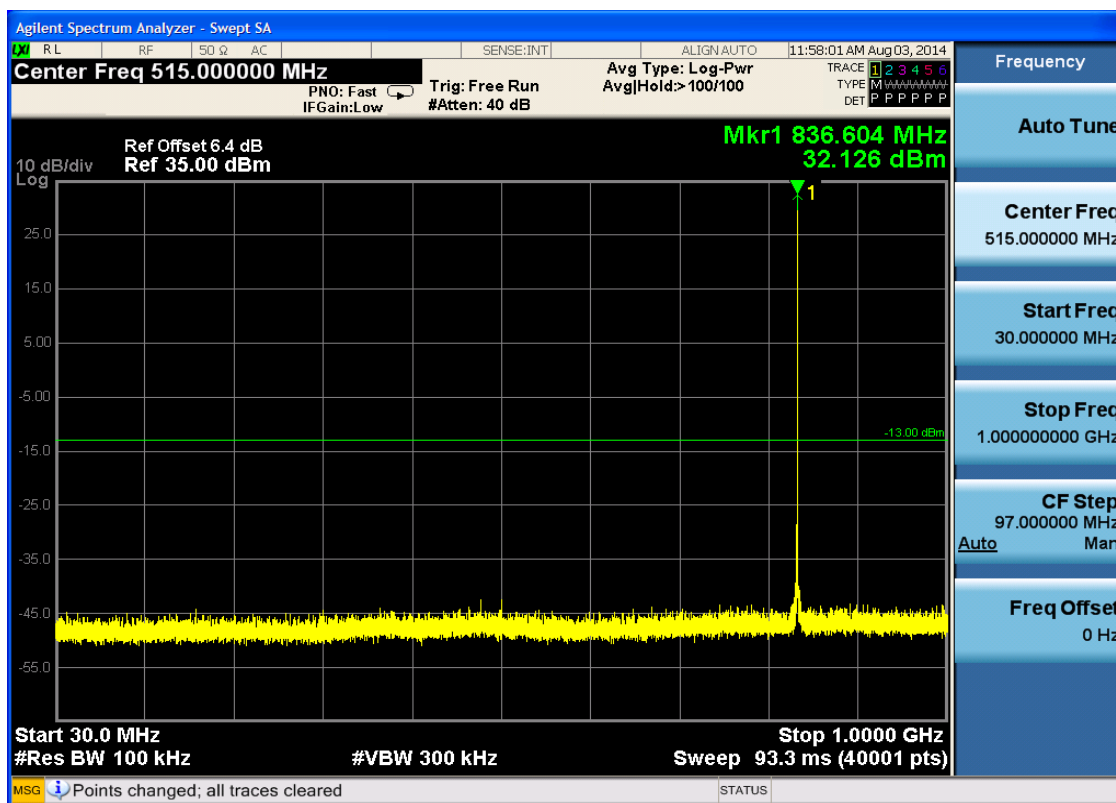


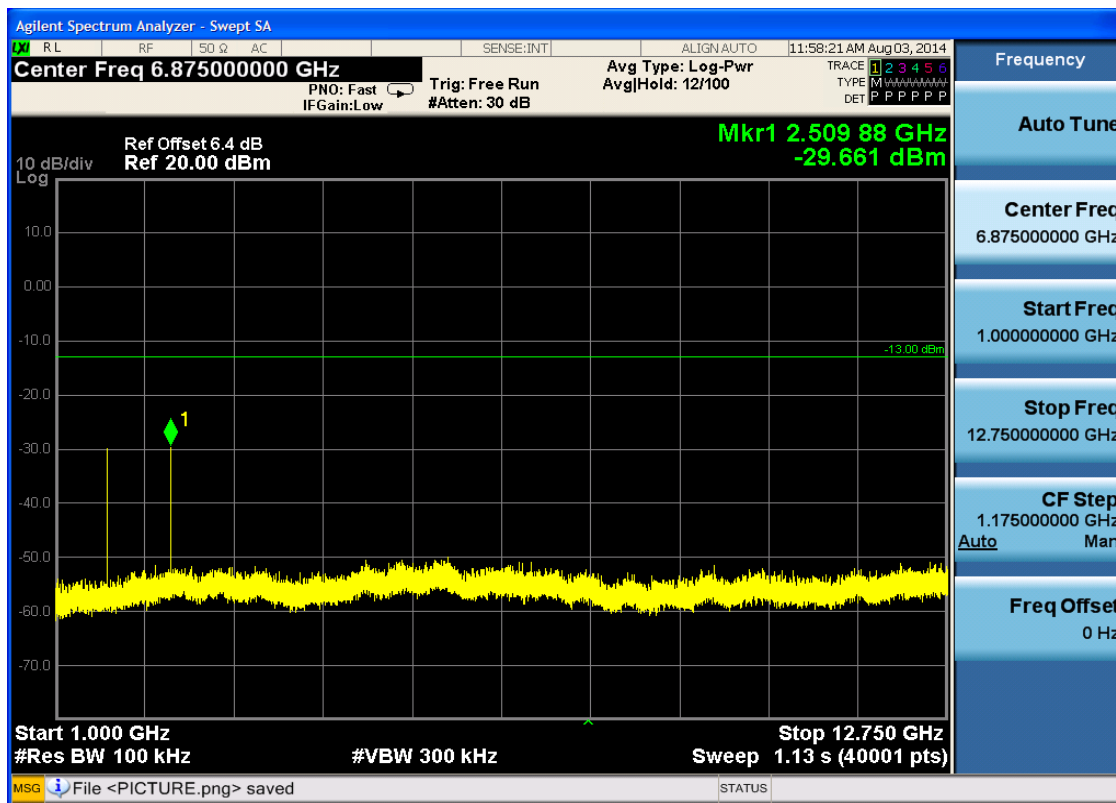


6.1.1.1.2 Test Channel = MCH



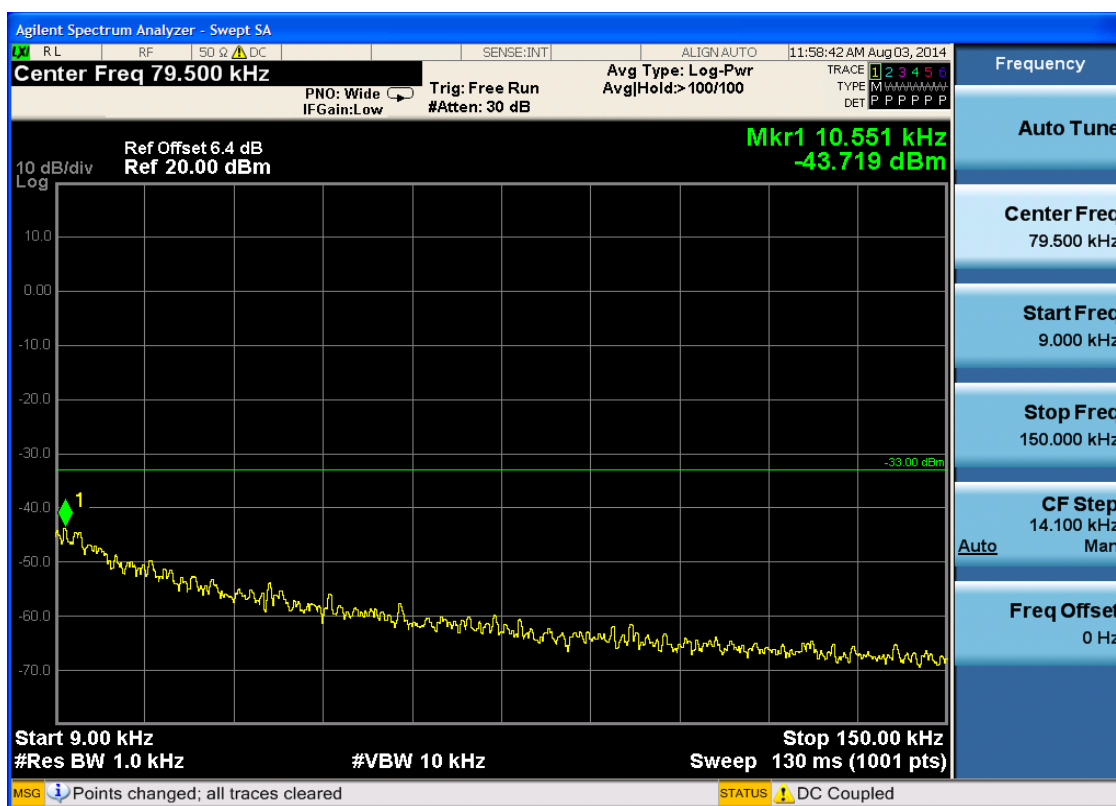


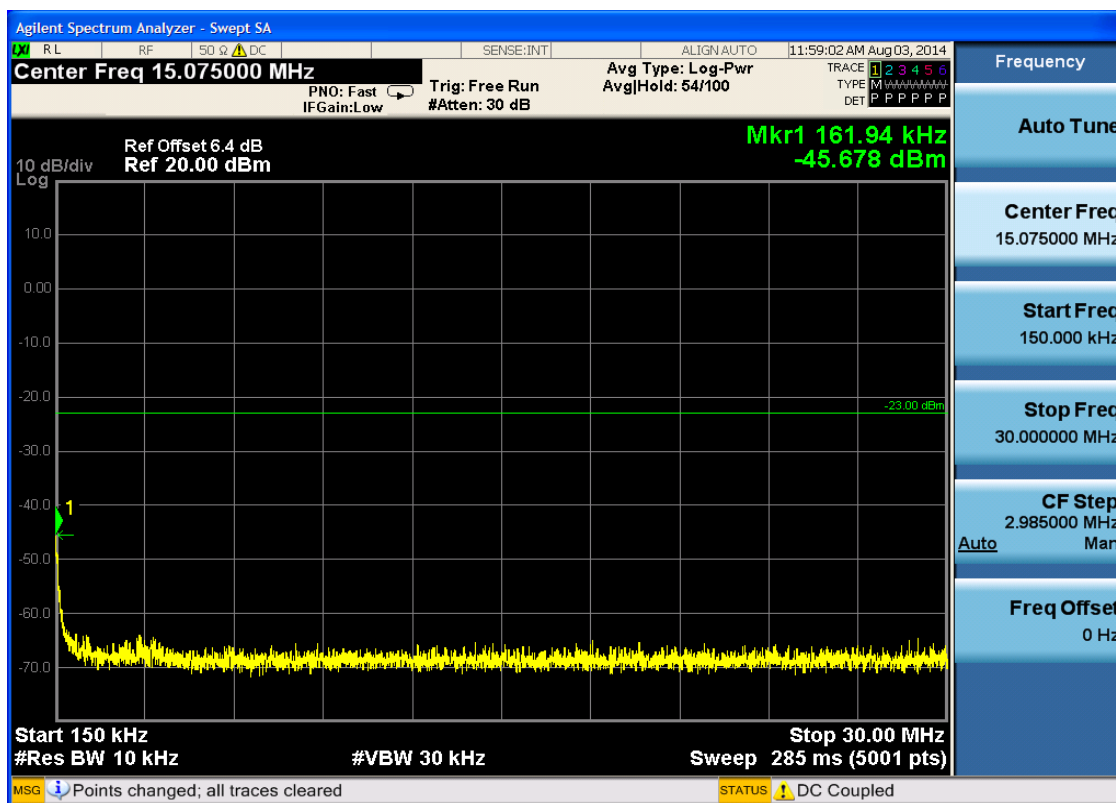


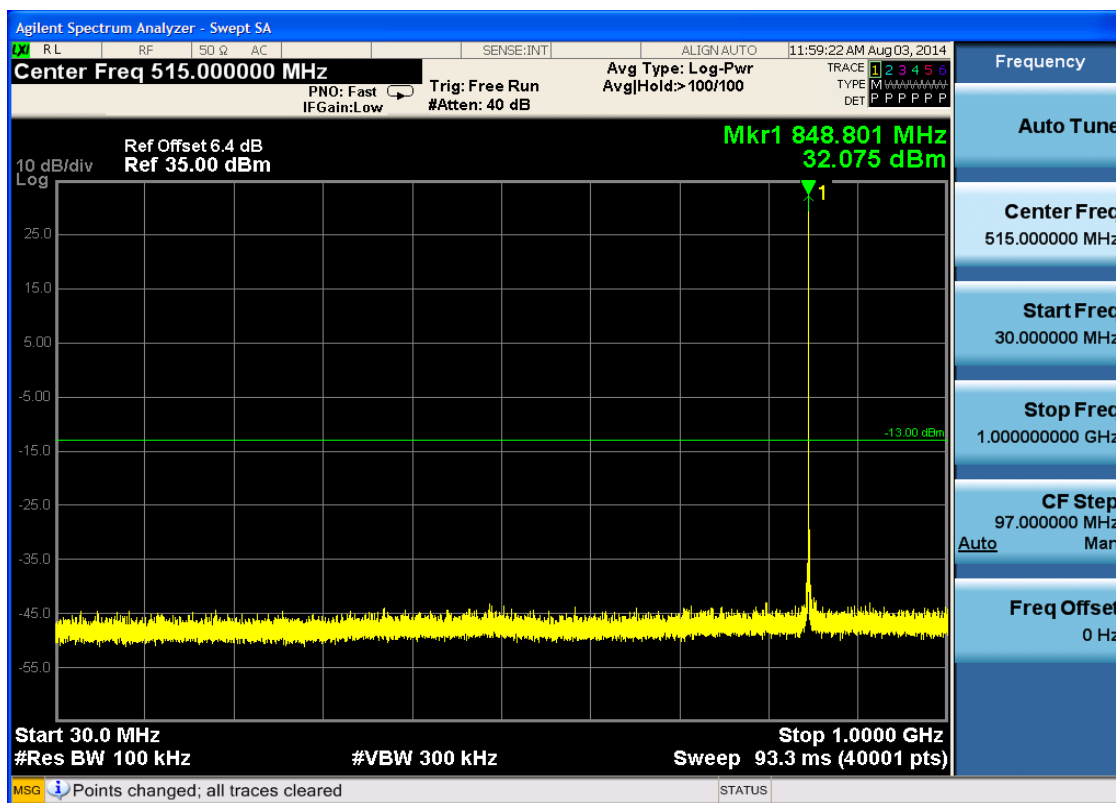


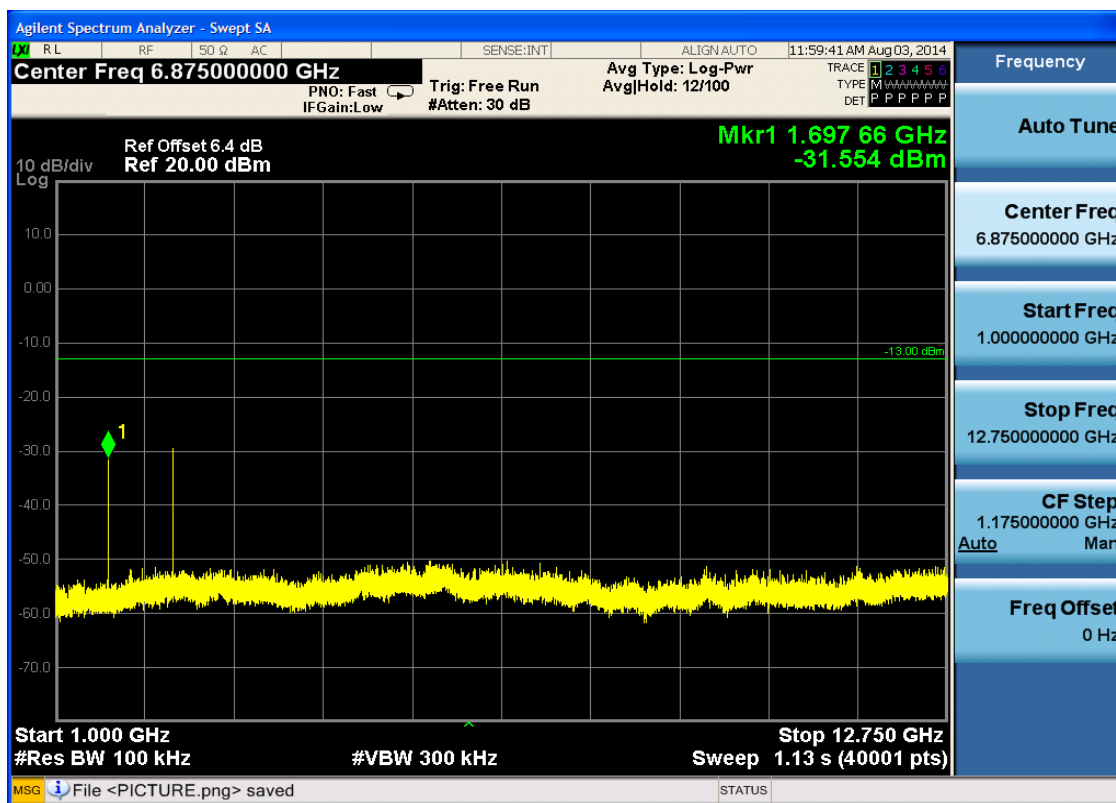


6.1.1.1.3 Test Channel = HCH



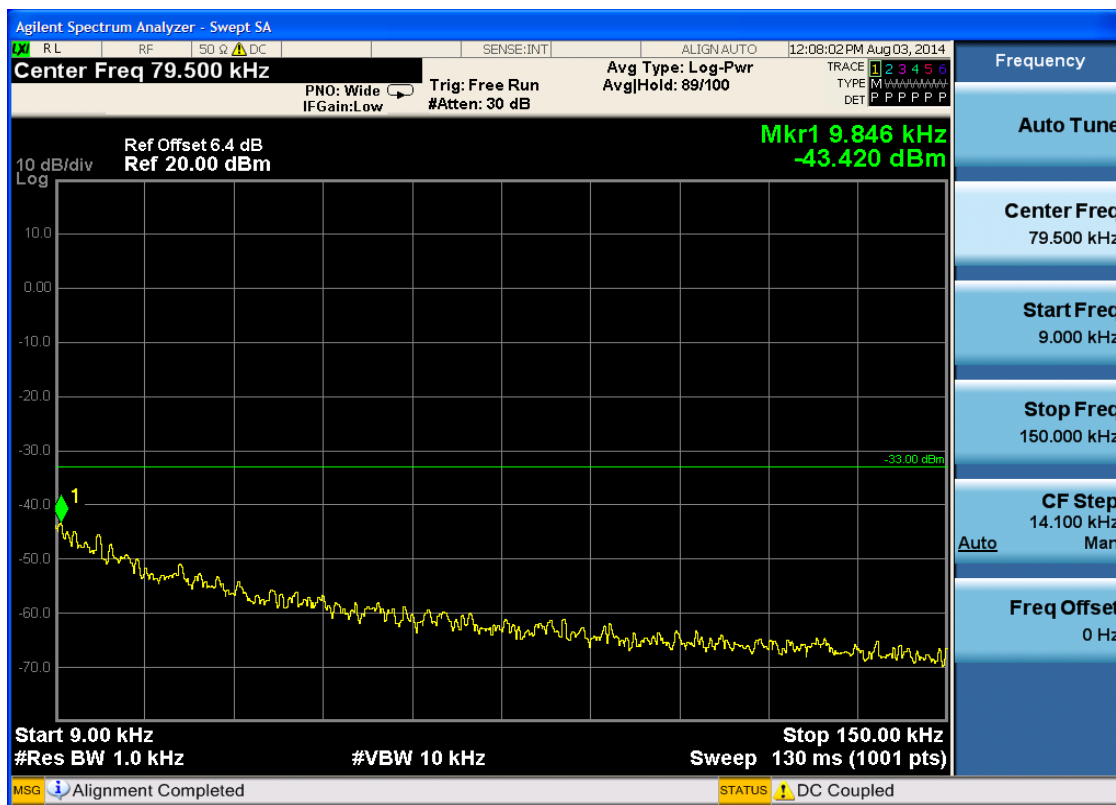


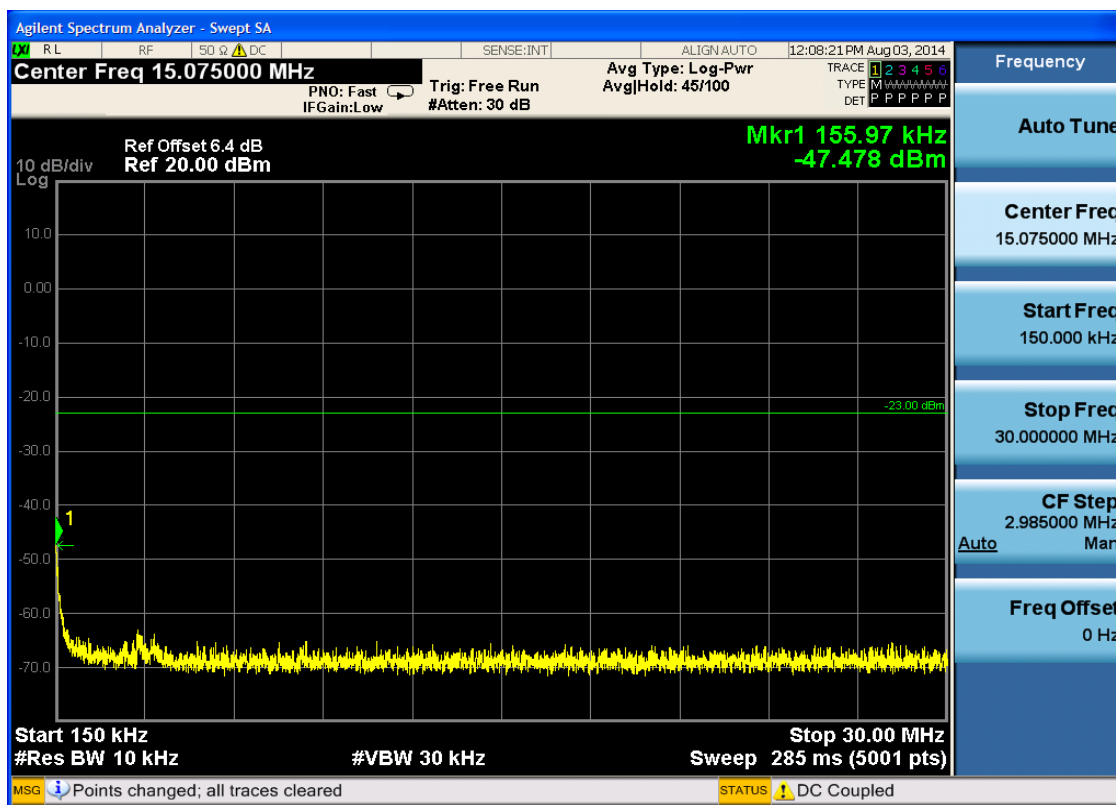


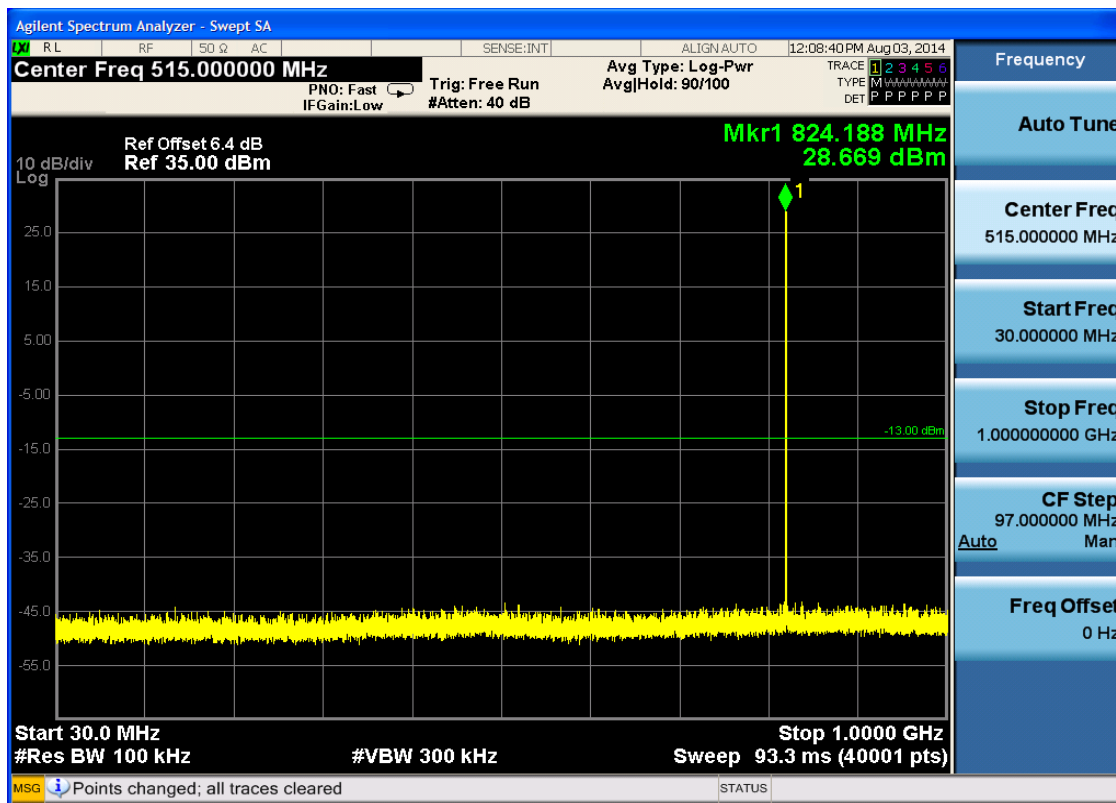


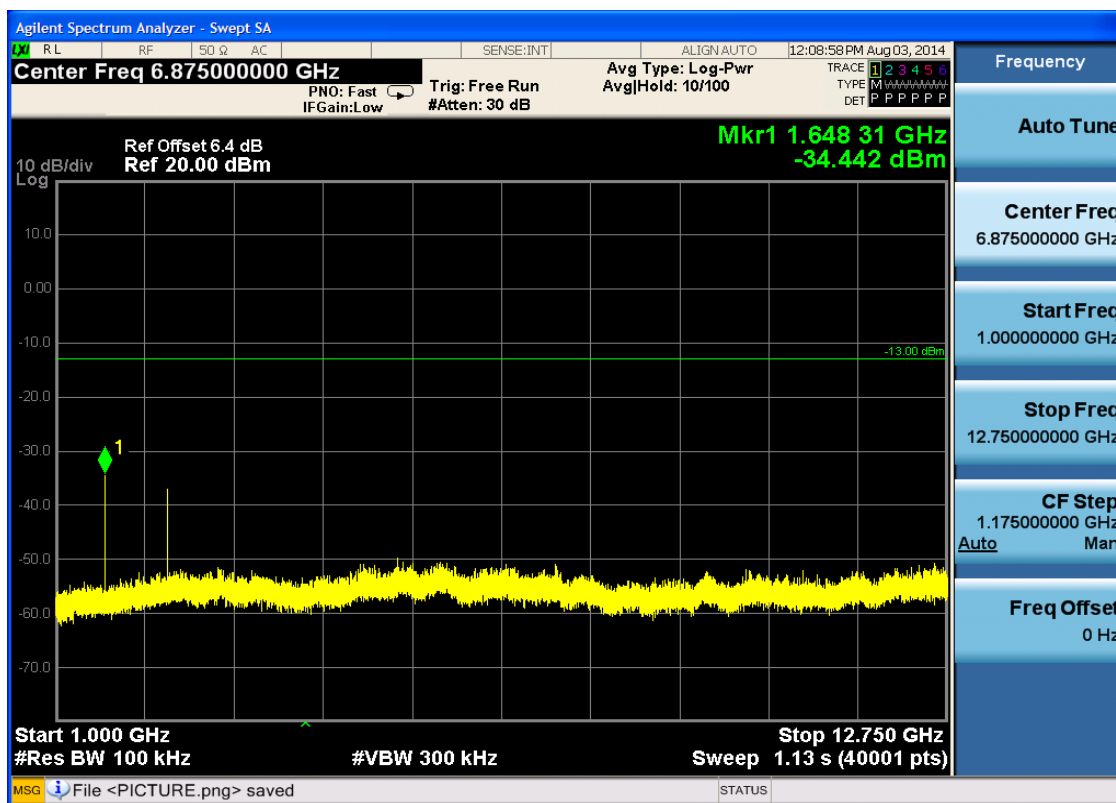
6.1.1.2 Test Mode = GSM/TM2

6.1.1.2.1 Test Channel = LCH











6.1.1.2.2 Test Channel = MCH

