



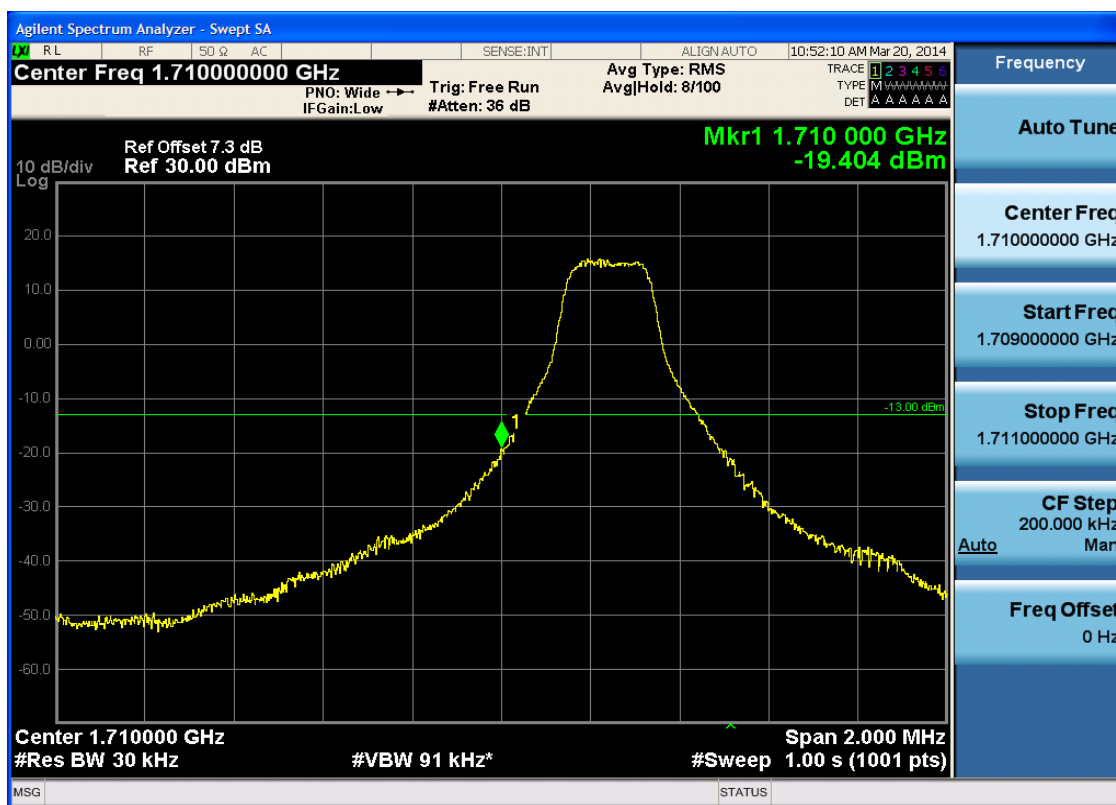
5.3.2.2.1.2.4 Test RB = RB6#0



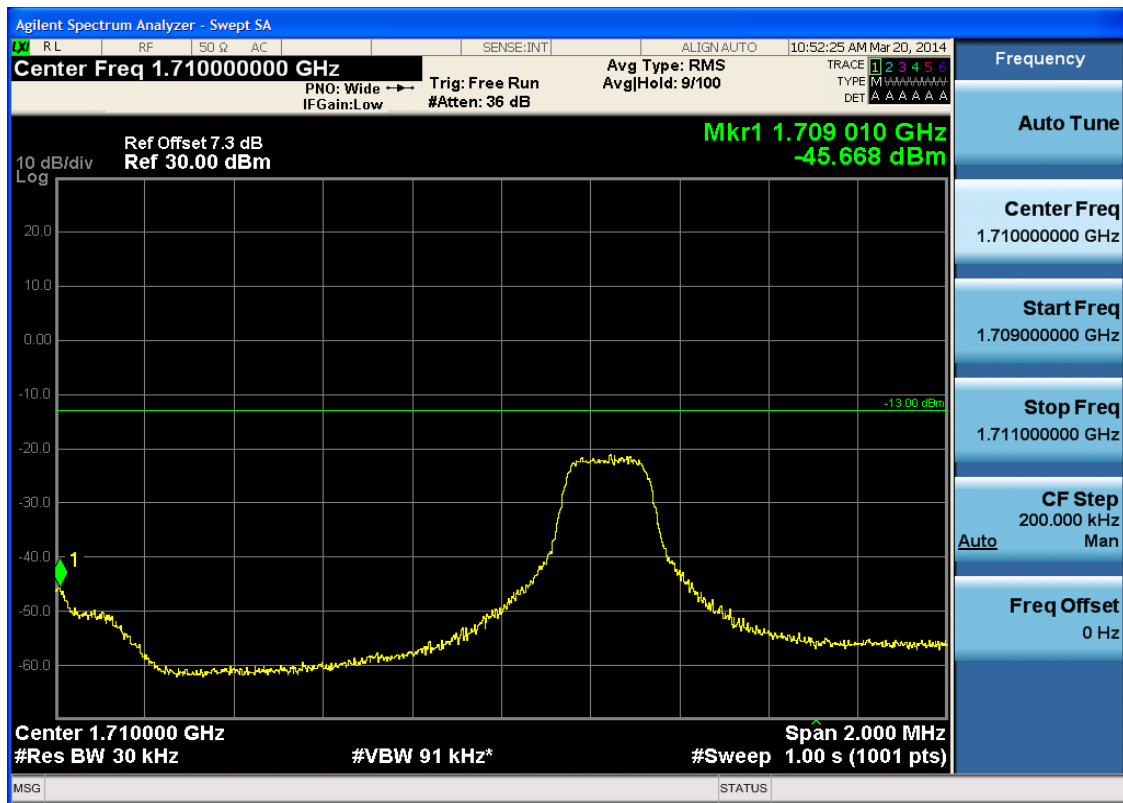
5.3.2.2.2 Test Bandwidth = 3

5.3.2.2.2.1 Test Channel = LCH

5.3.2.2.2.1.1 Test RB = RB1#0

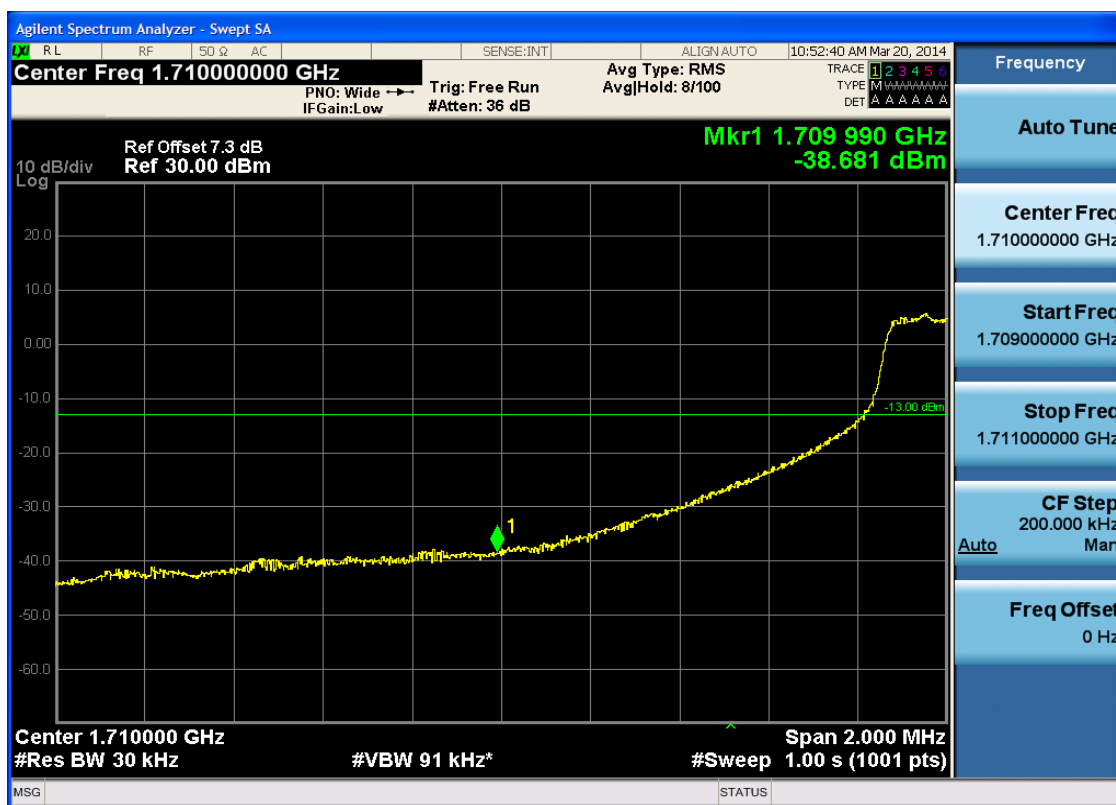


5.3.2.2.1.2 Test RB = RB1#14



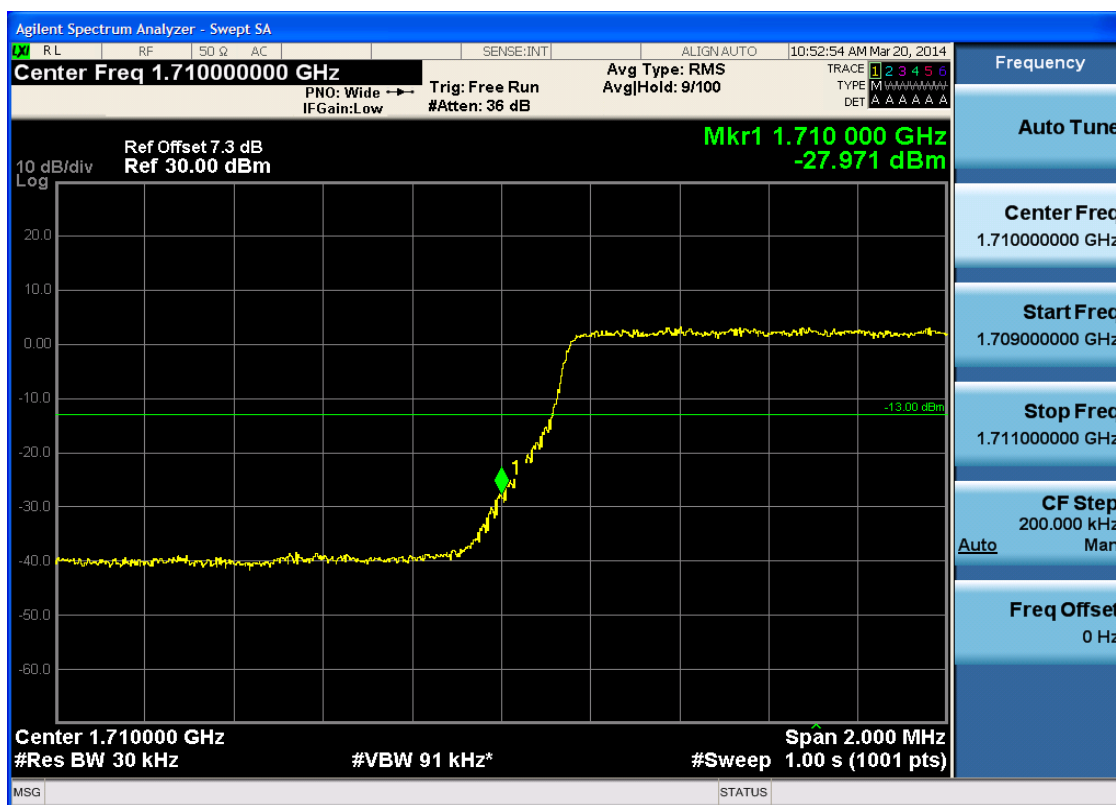


5.3.2.2.1.3 Test RB = RB8#4



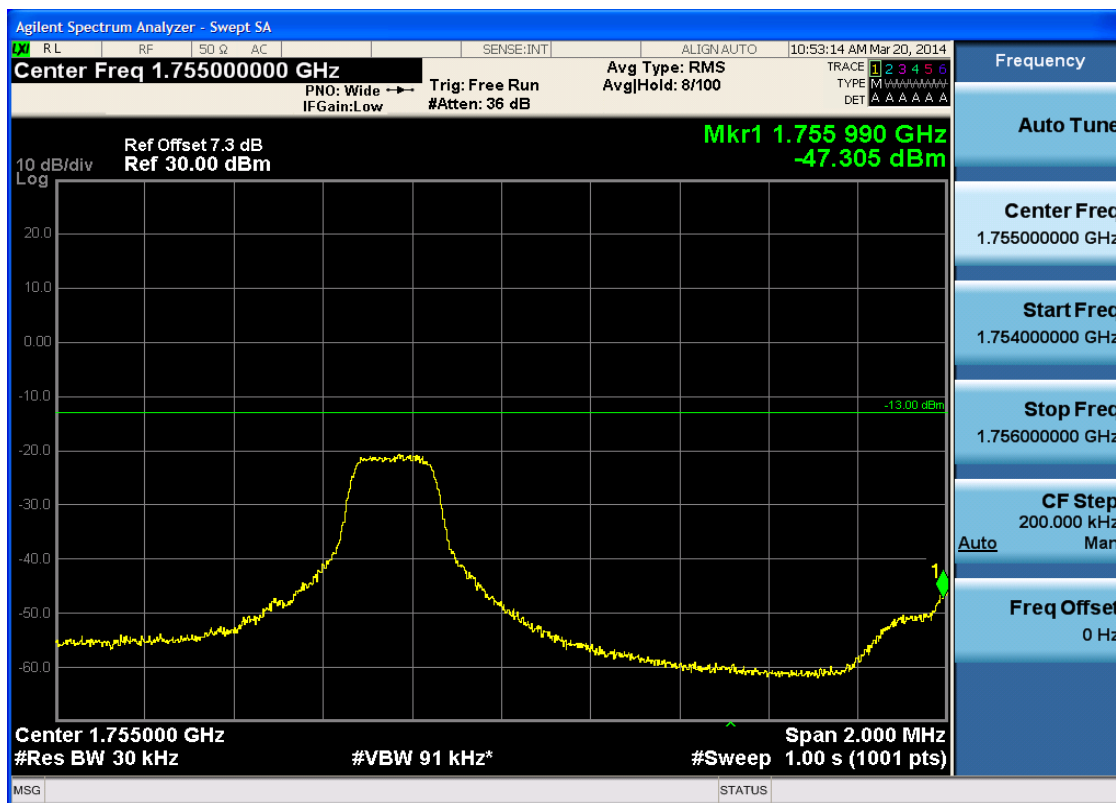


5.3.2.2.1.4 Test RB = RB15#0



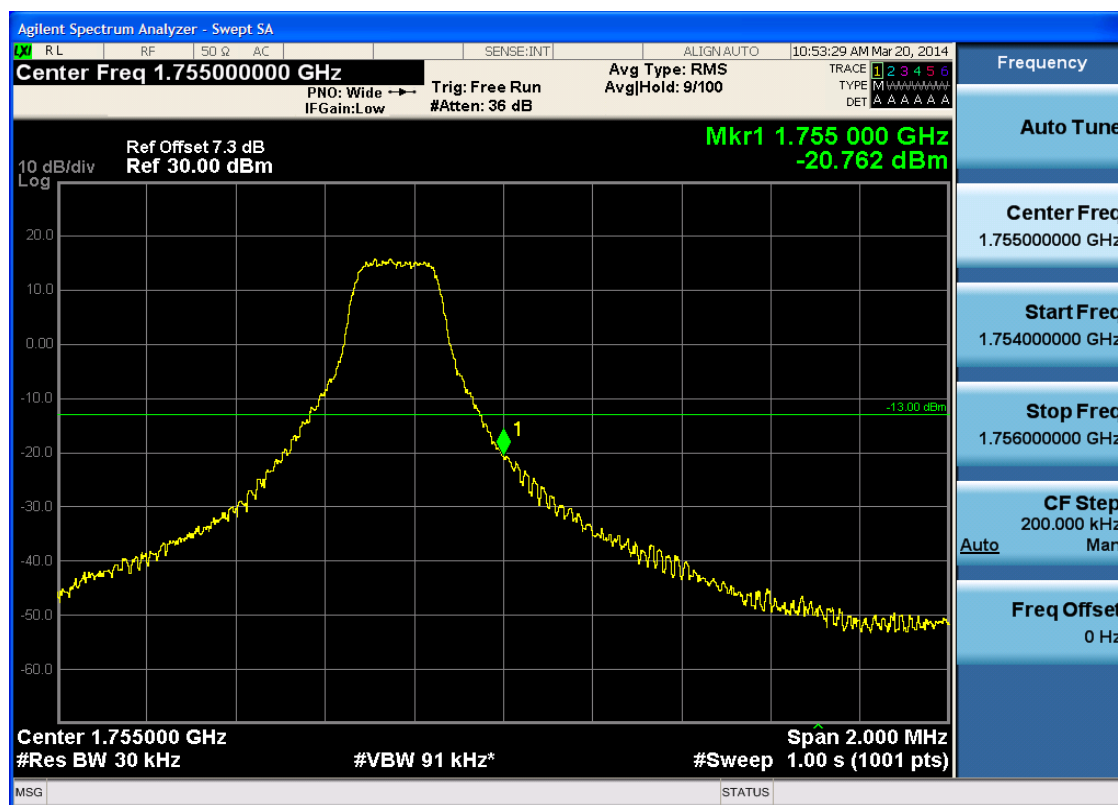
5.3.2.2.2 Test Channel = HCH

5.3.2.2.2.1 Test RB = RB1#0



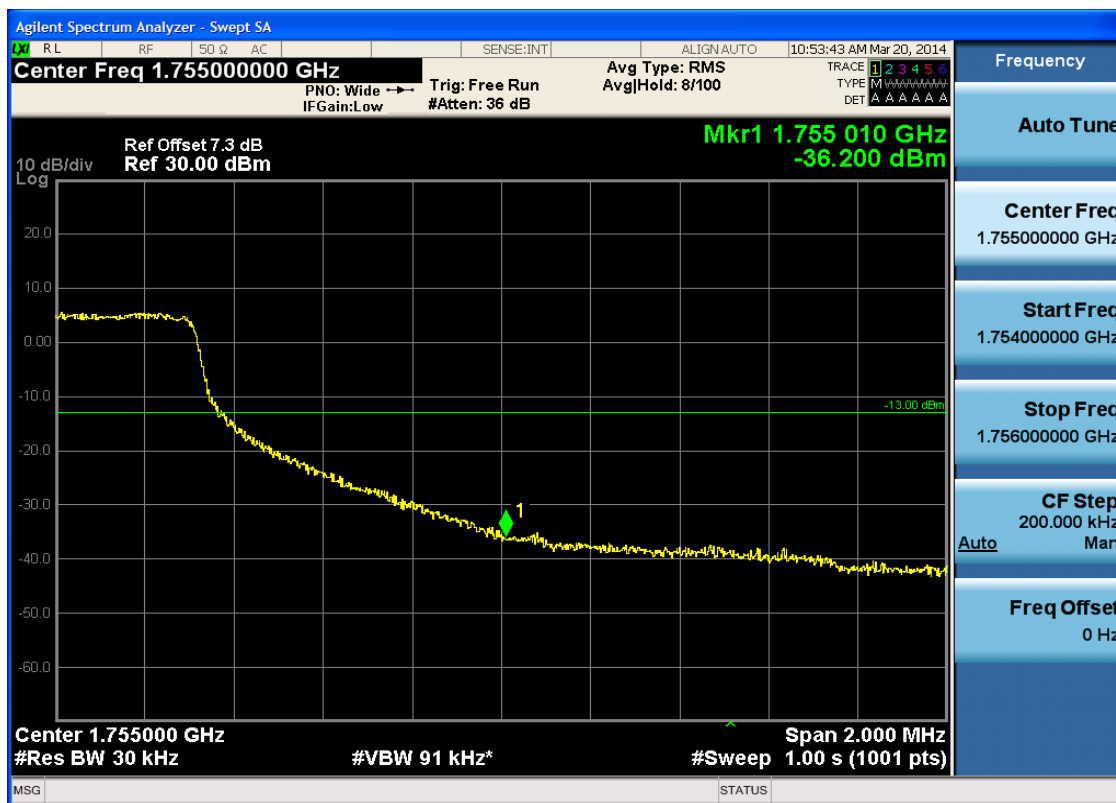


5.3.2.2.2.2 Test RB = RB1#14



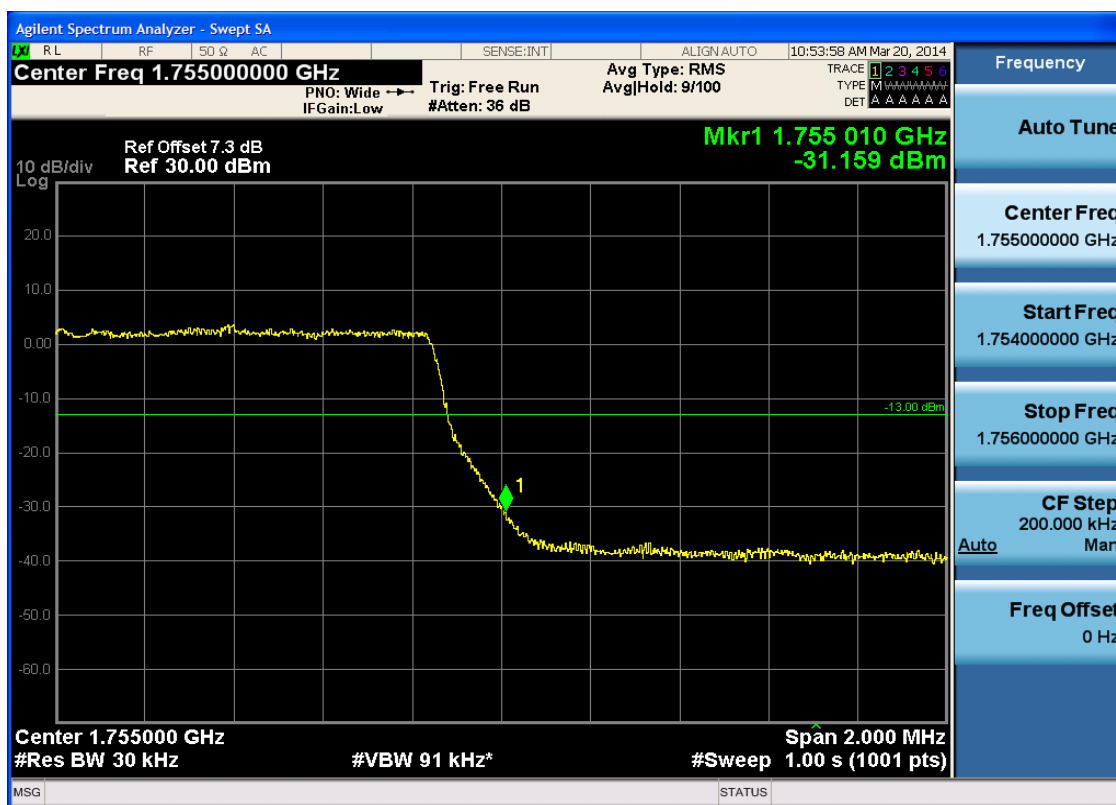


5.3.2.2.2.3 Test RB = RB8#4





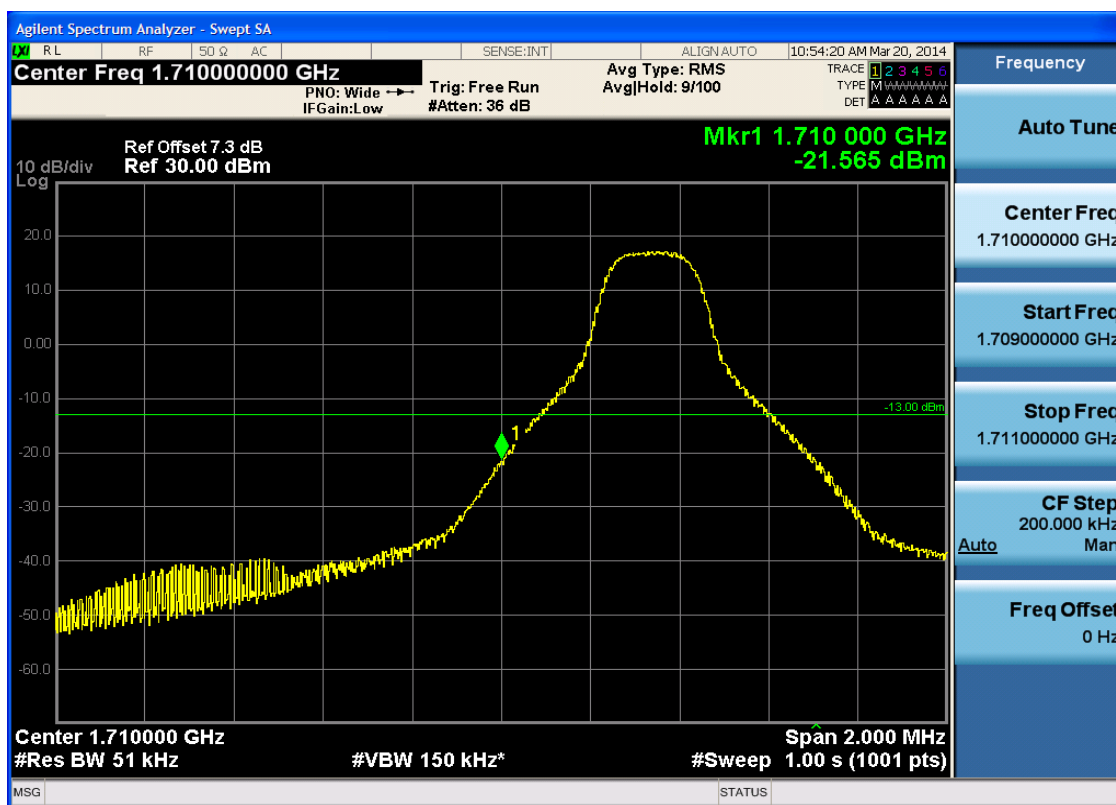
5.3.2.2.2.4 Test RB = RB15#0



5.3.2.2.3 Test Bandwidth = 5

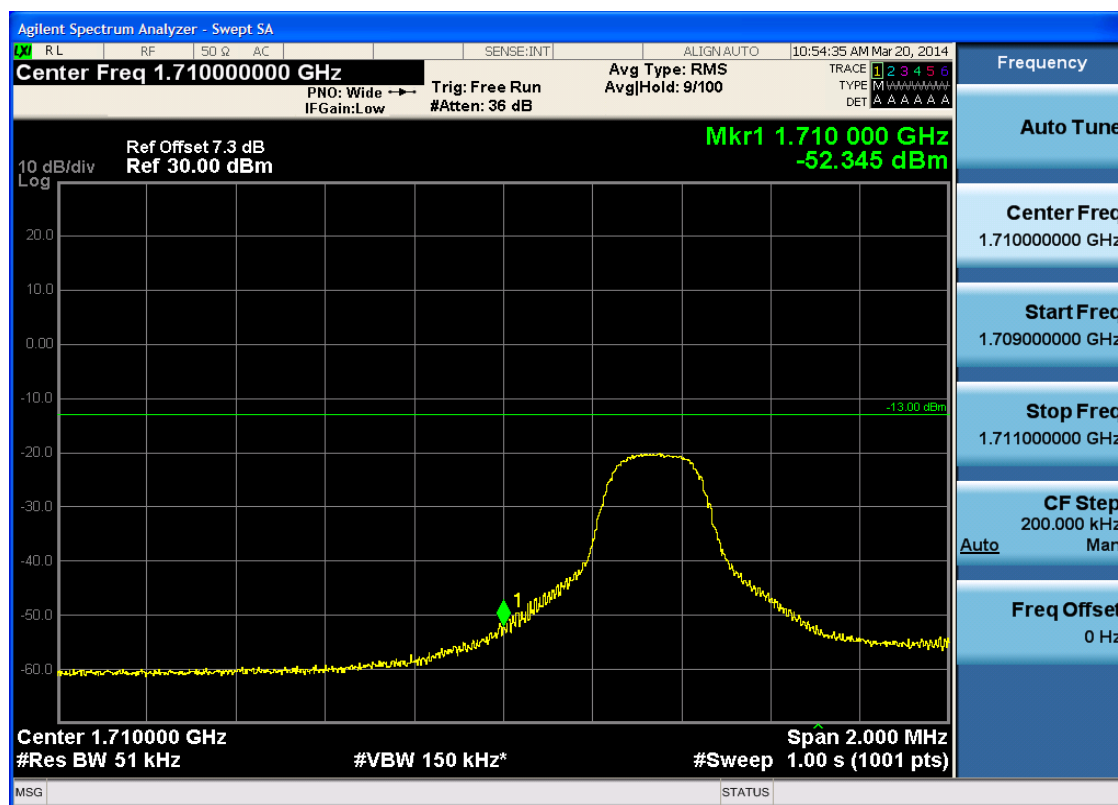
5.3.2.2.3.1 Test Channel = LCH

5.3.2.2.3.1.1 Test RB = RB1#0



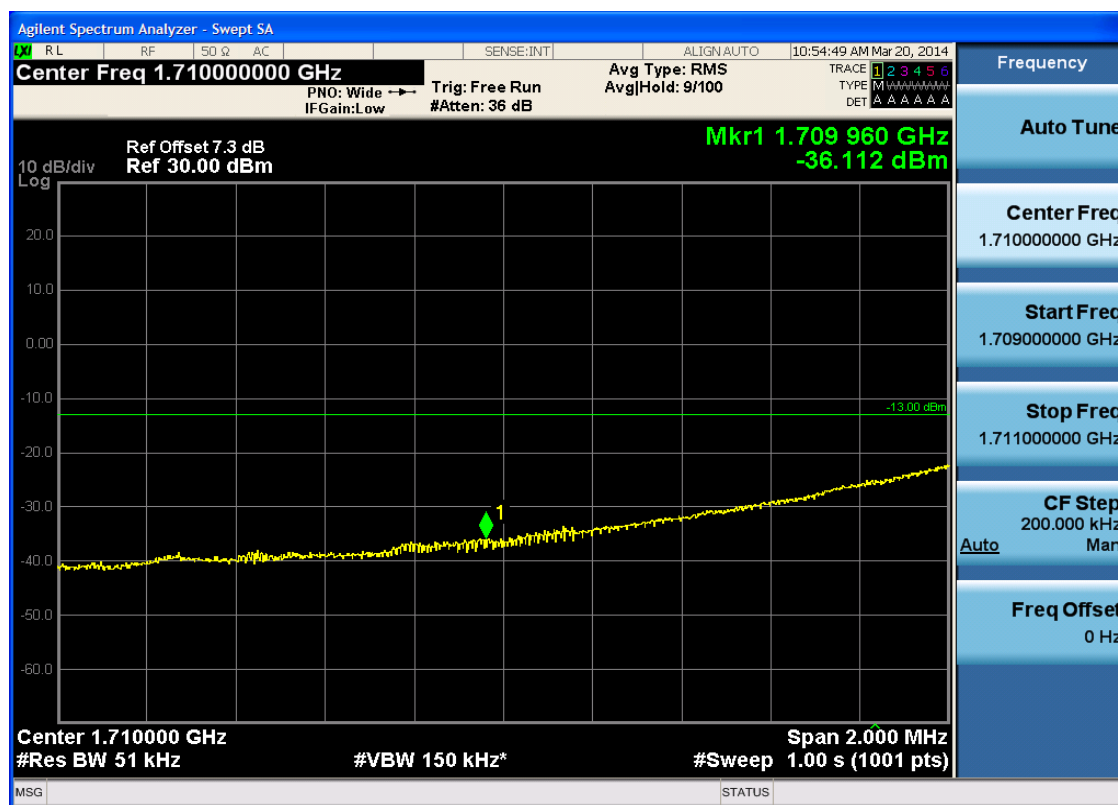


5.3.2.2.3.1.2 Test RB = RB1#24



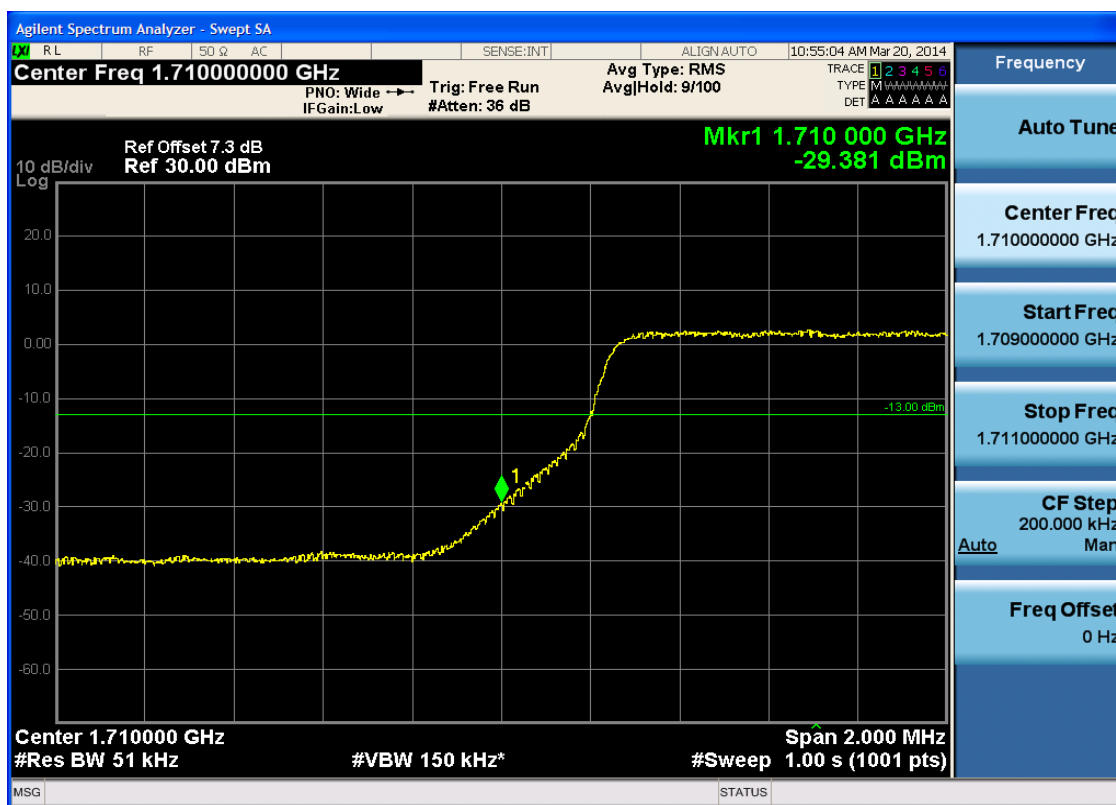


5.3.2.2.3.1.3 Test RB = RB12#6





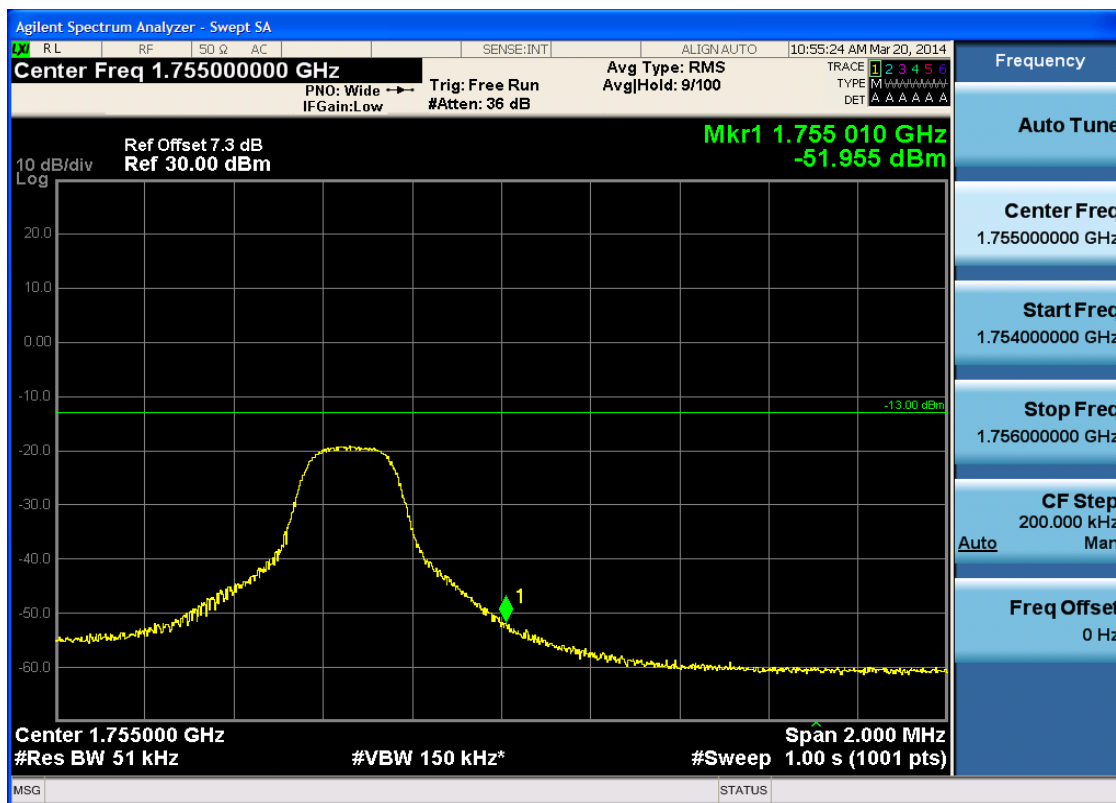
5.3.2.2.3.1.4 Test RB = RB25#0





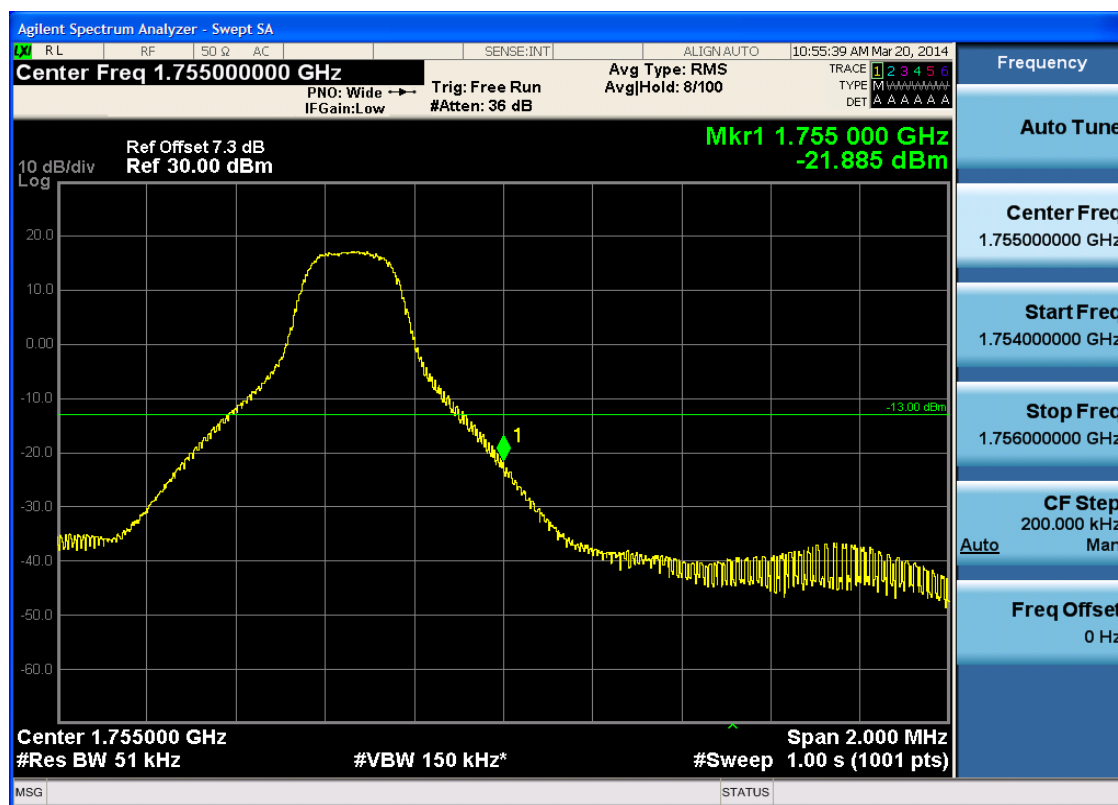
5.3.2.2.3.2 Test Channel = HCH

5.3.2.2.3.2.1 Test RB = RB1#0



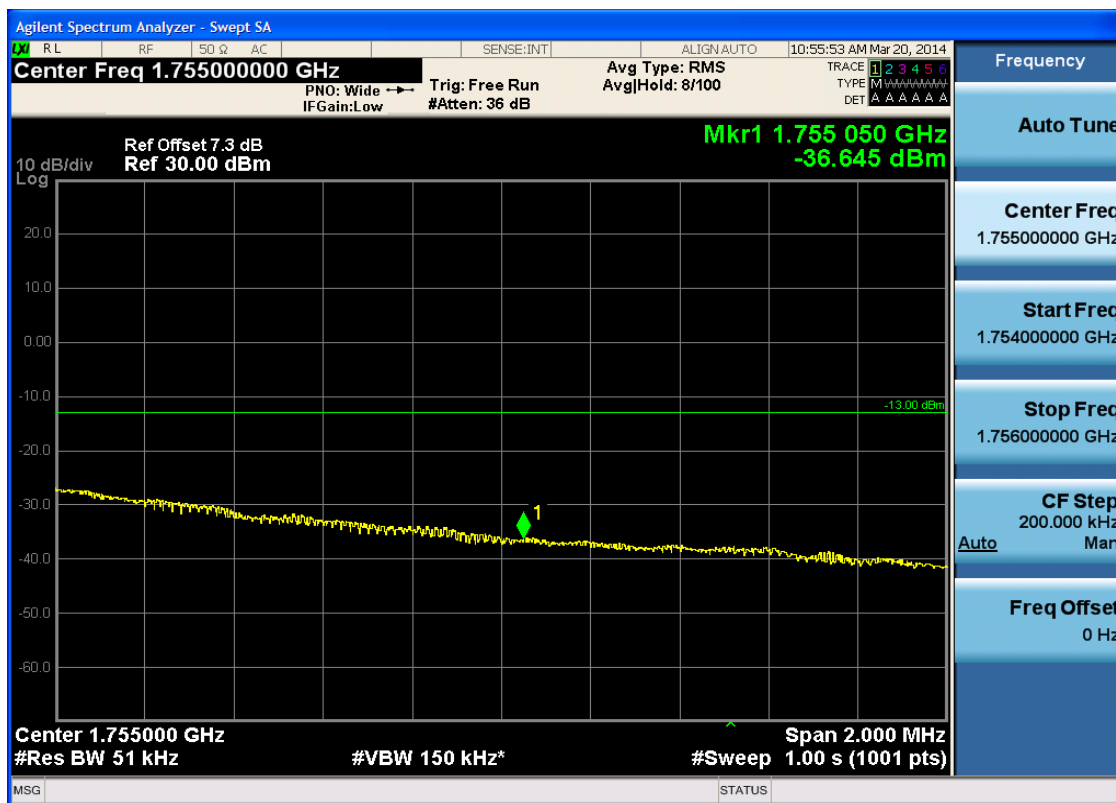


5.3.2.2.3.2.2 Test RB = RB1#24





5.3.2.2.3.2.3 Test RB = RB12#6





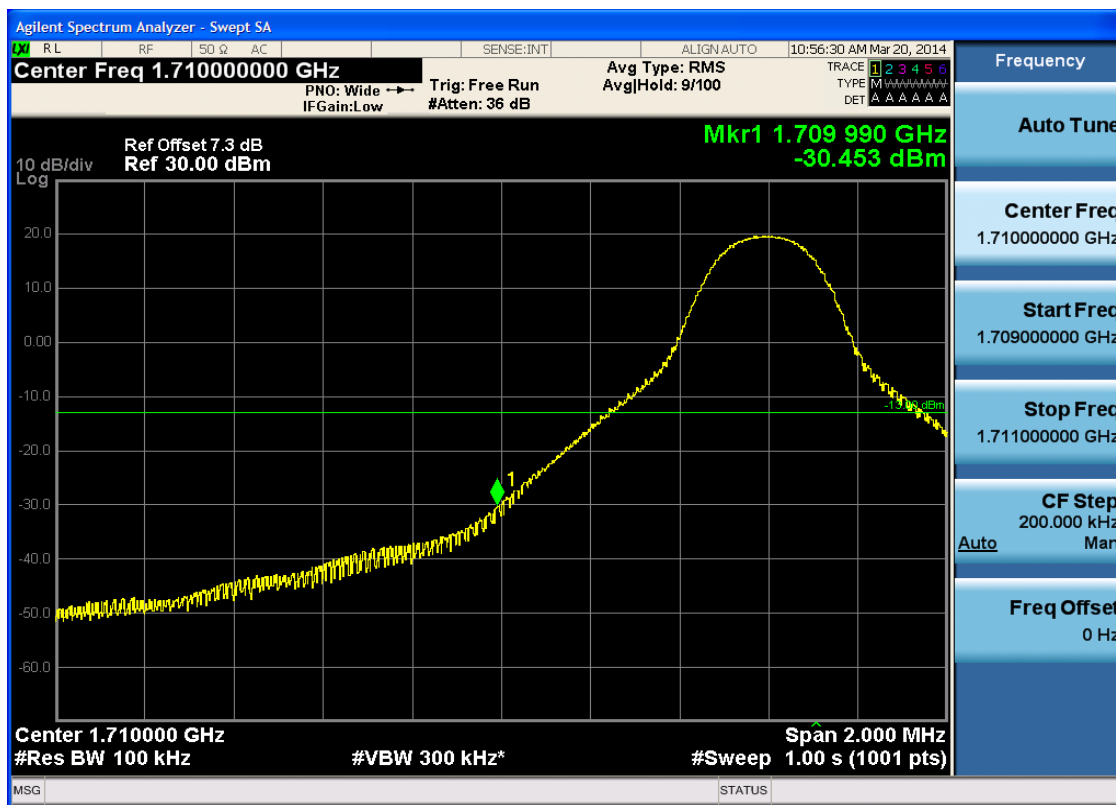
5.3.2.2.3.2.4 Test RB = RB25#0



5.3.2.2.4 Test Bandwidth = 10

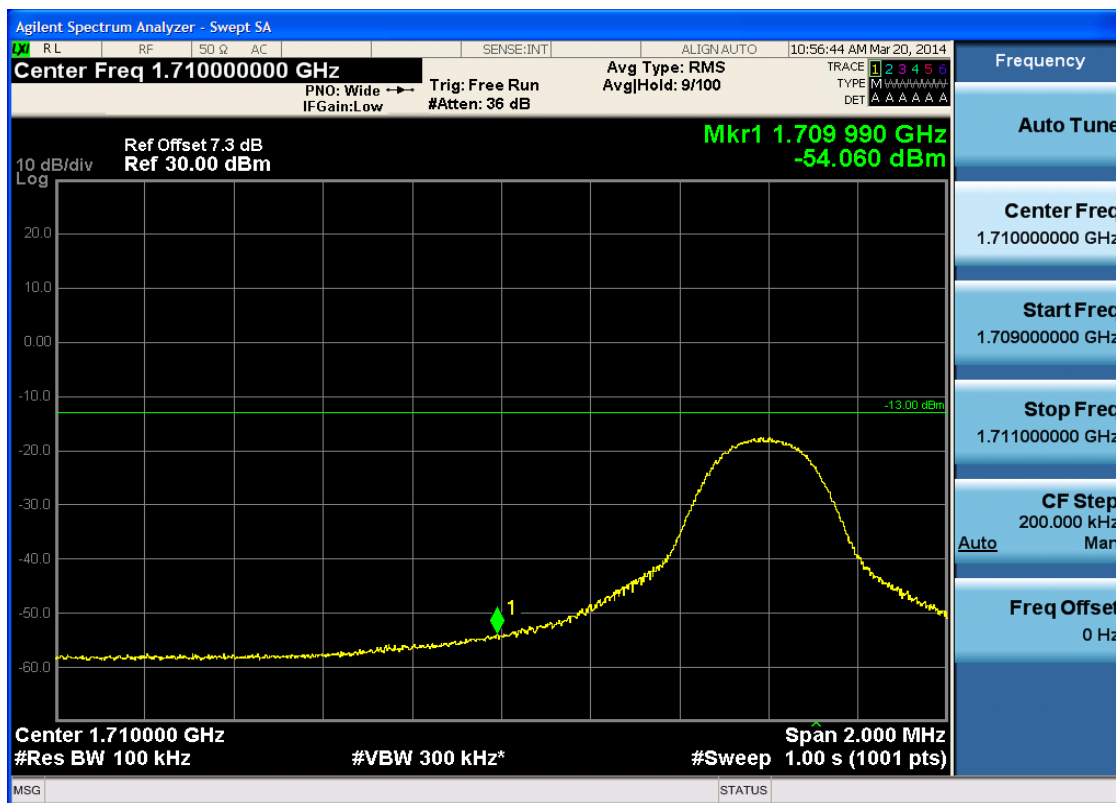
5.3.2.2.4.1 Test Channel = LCH

5.3.2.2.4.1.1 Test RB = RB1#0



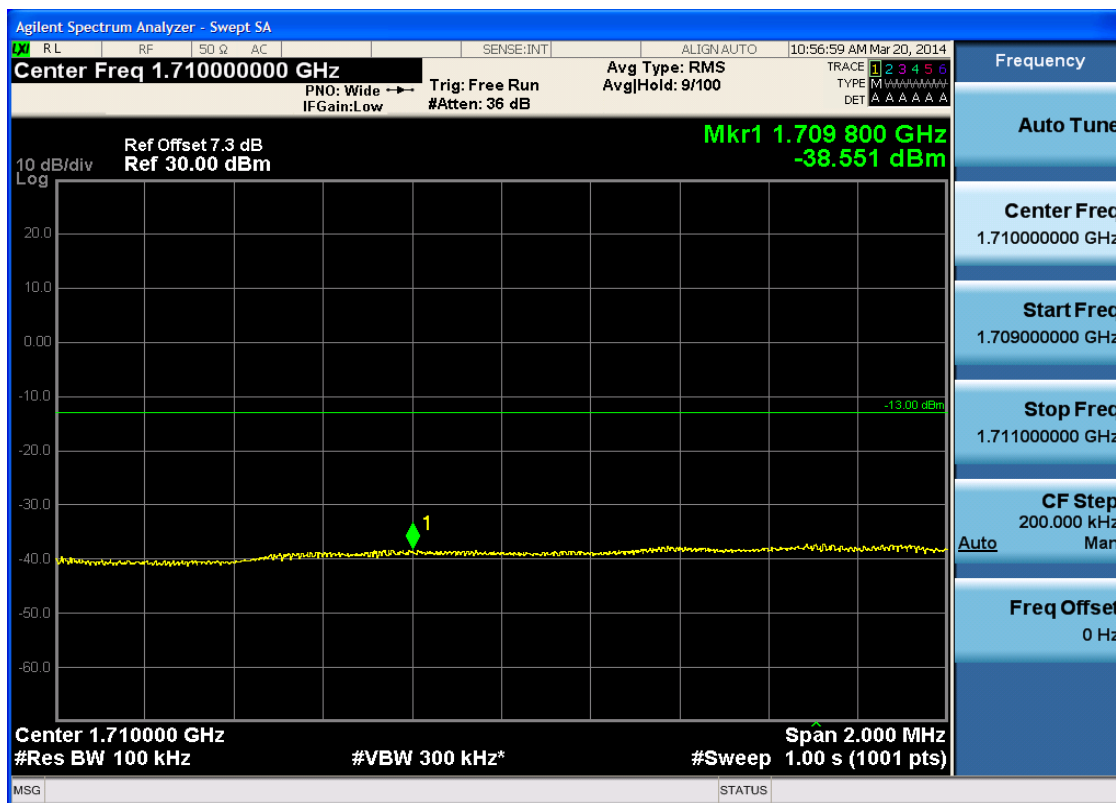


5.3.2.2.4.1.2 Test RB = RB1#49



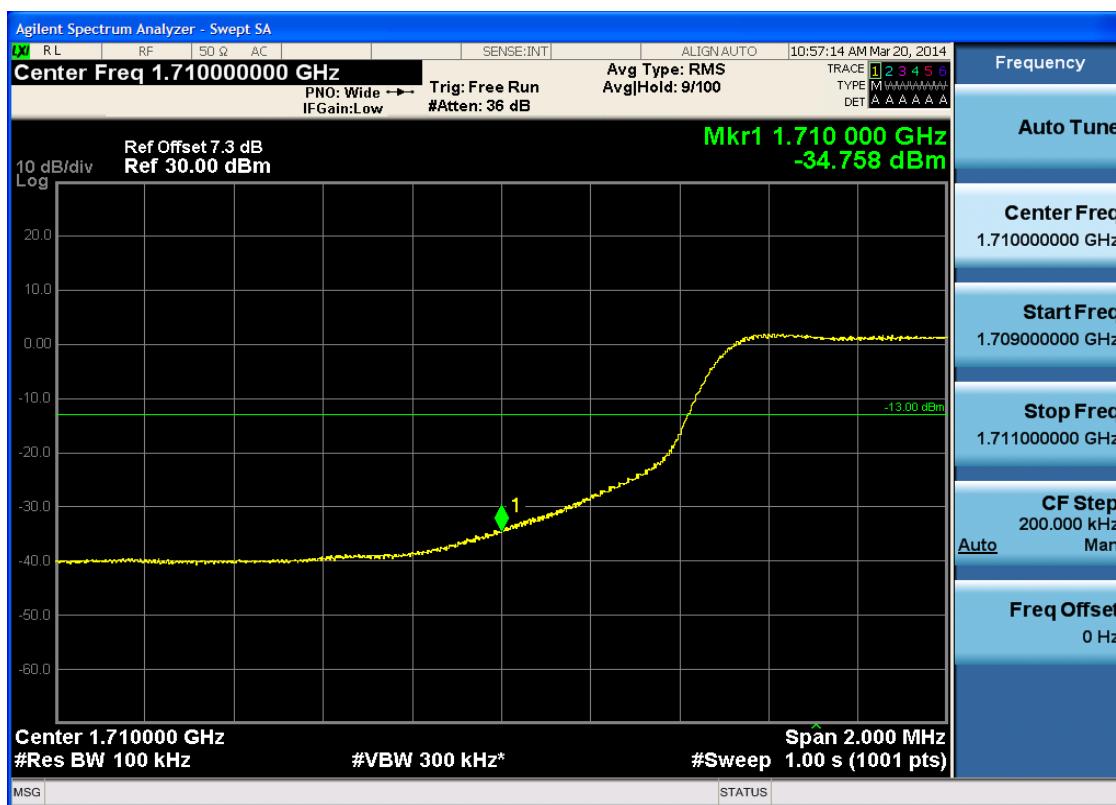


5.3.2.2.4.1.3 Test RB = RB25#13



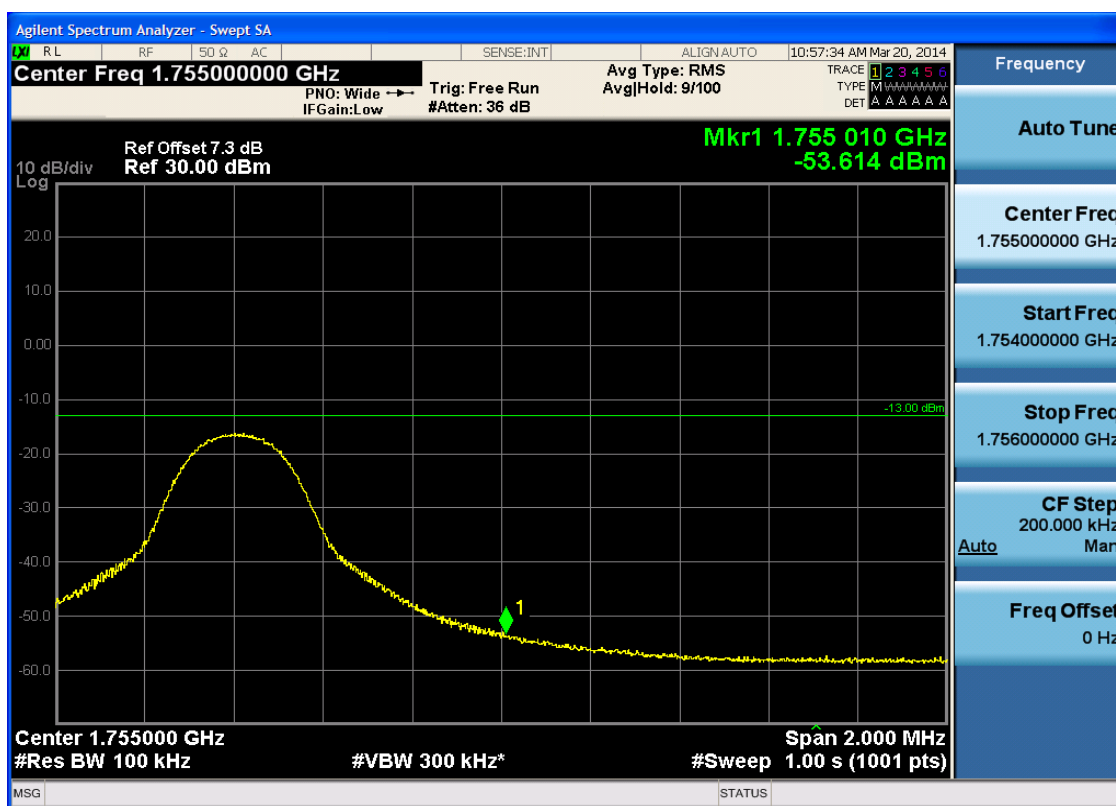


5.3.2.2.4.1.4 Test RB = RB50#0



5.3.2.2.4.2 Test Channel = HCH

5.3.2.2.4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 10:57:48 AM Mar 20, 2014

Center Freq 1.755000000 GHz Avg Type: RMS TRACE 1 2 3 4 5 6
 PNO: Wide → Trig: Free Run Avg|Hold: 9/100 TYPE M W W W W W W W W W
 IF Gain: Low #Atten: 36 dB DET A A A A A A A

Ref Offset 7.3 dB **Mkr1 1.755 000 GHz**
 Ref 30.00 dBm **-29.177 dBm**

10 dB/div
Log

Center 1.755000 GHz Span 2.000 MHz
 #Res BW 100 kHz #VBW 300 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

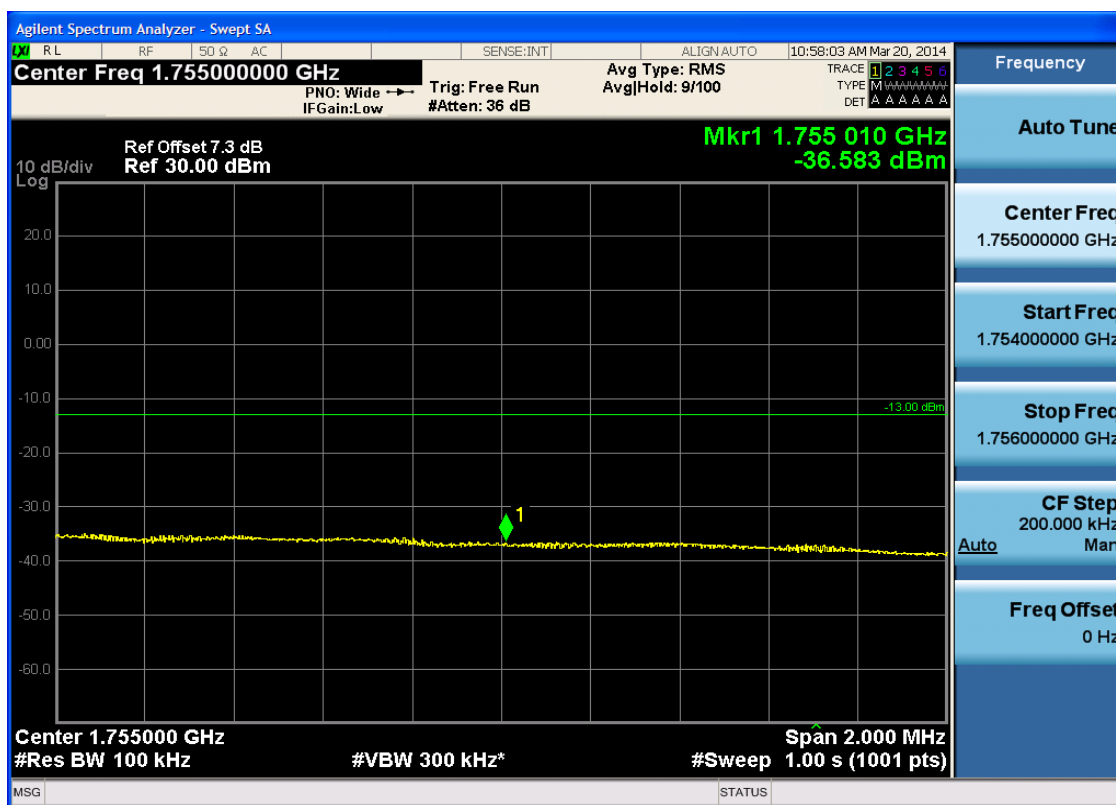
Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

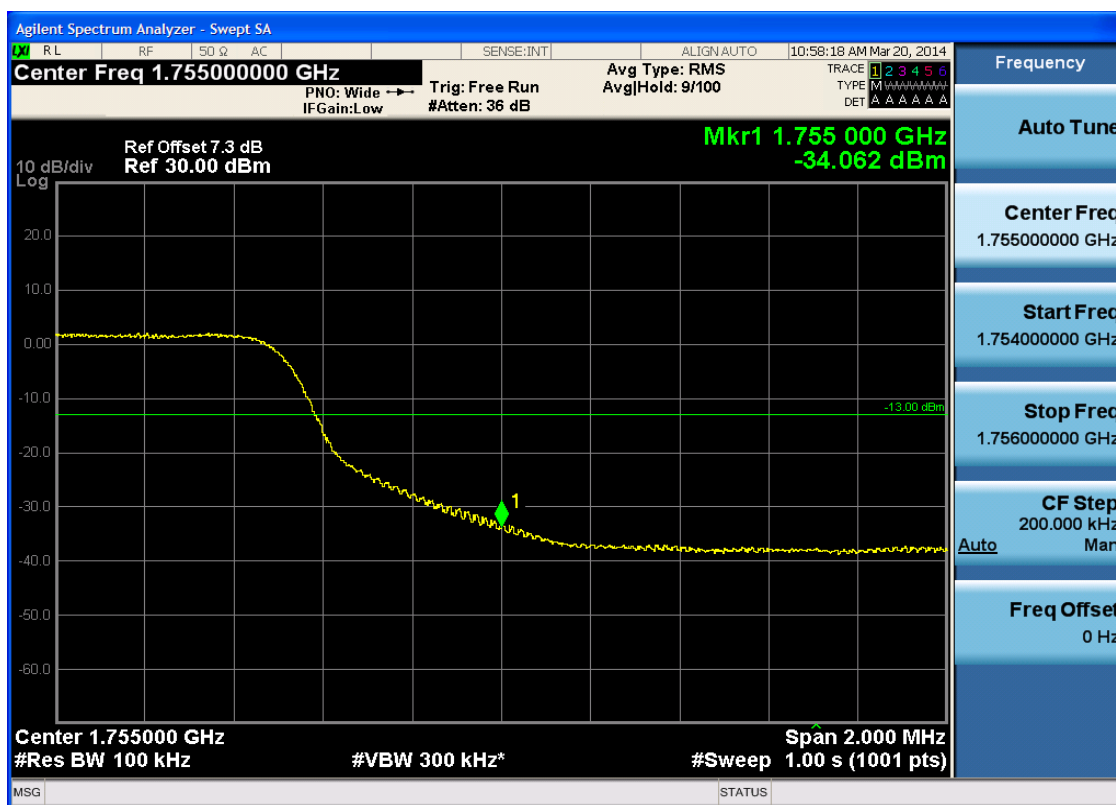


5.3.2.2.4.2.3 Test RB = RB25#13





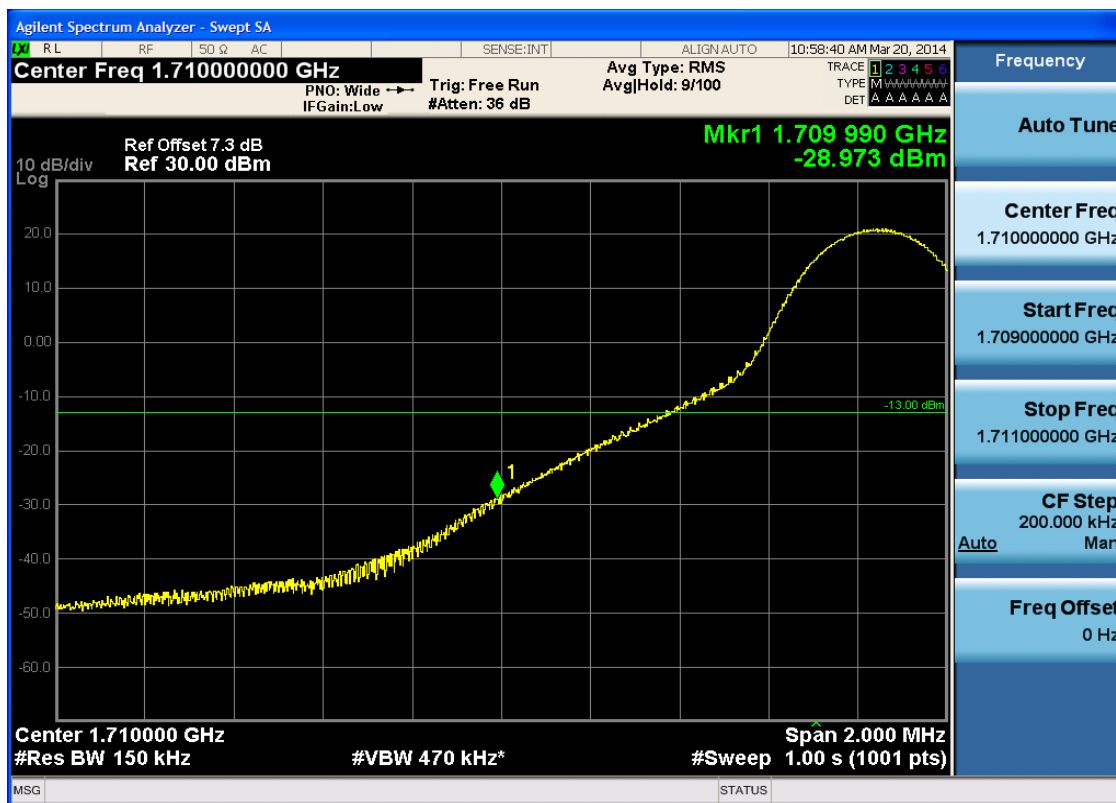
5.3.2.2.4.2.4 Test RB = RB50#0



5.3.2.2.5 Test Bandwidth = 15

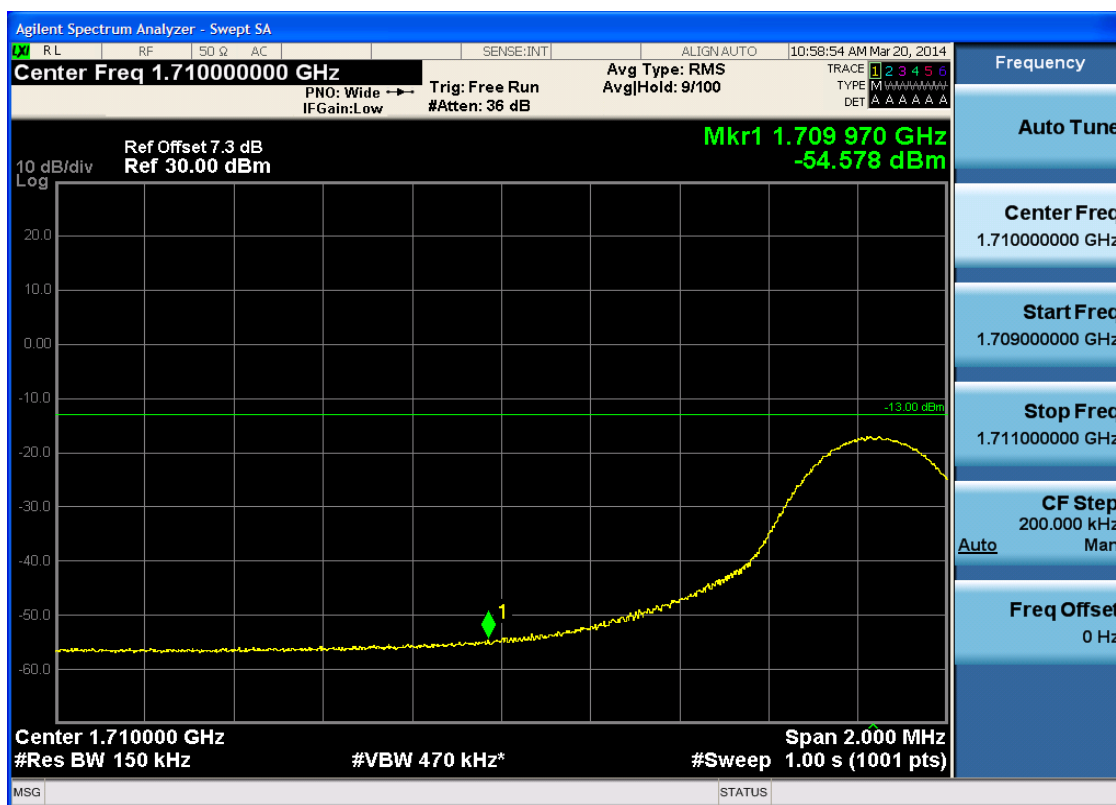
5.3.2.2.5.1 Test Channel = LCH

5.3.2.2.5.1.1 Test RB = RB1#0



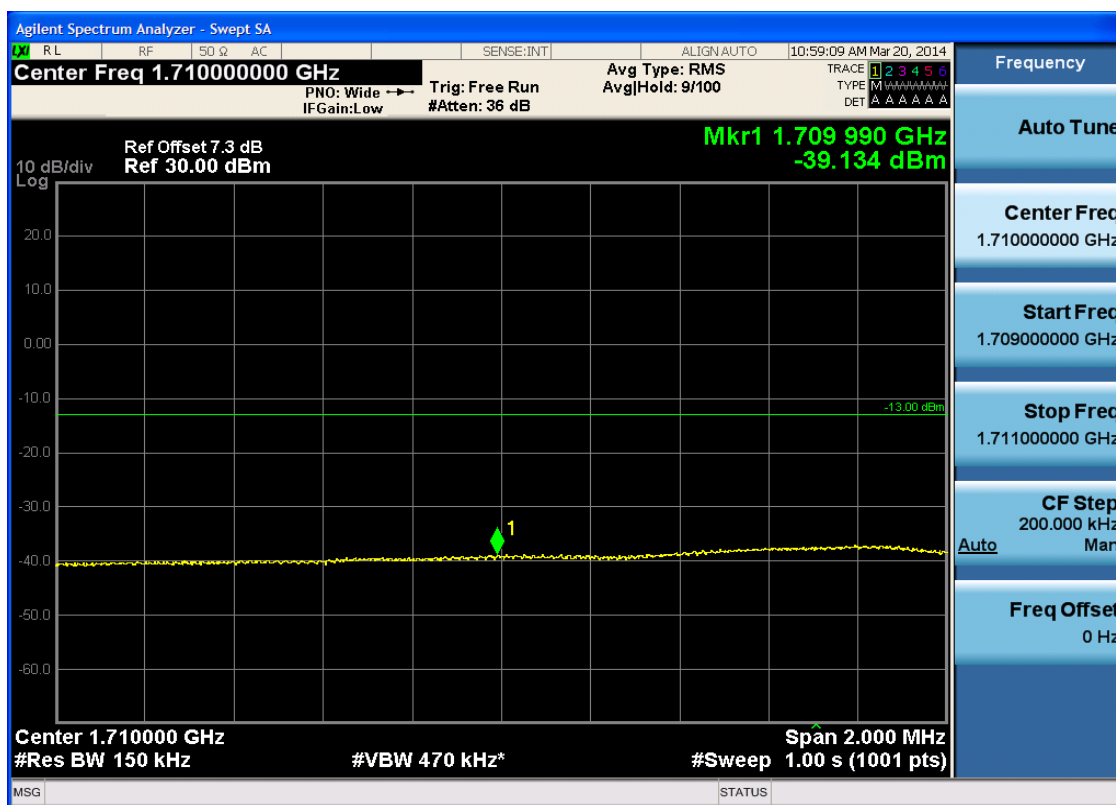


5.3.2.2.5.1.2 Test RB = RB1#74



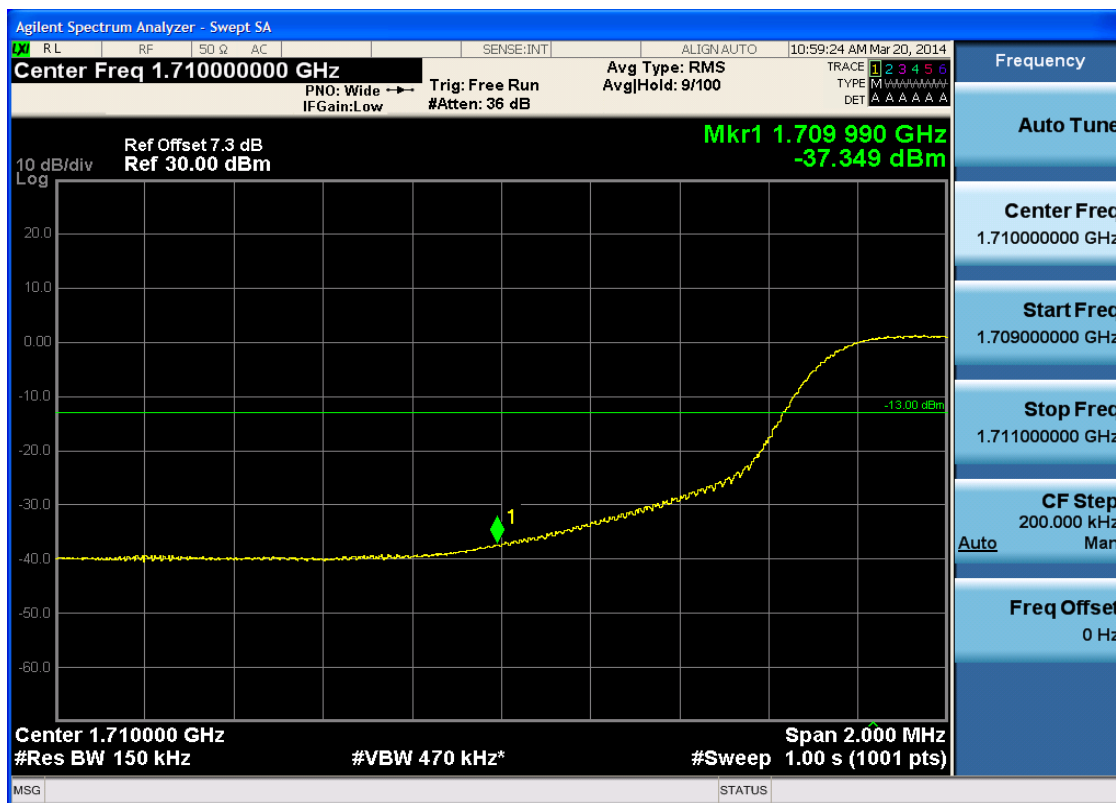


5.3.2.2.5.1.3 Test RB = RB38#19



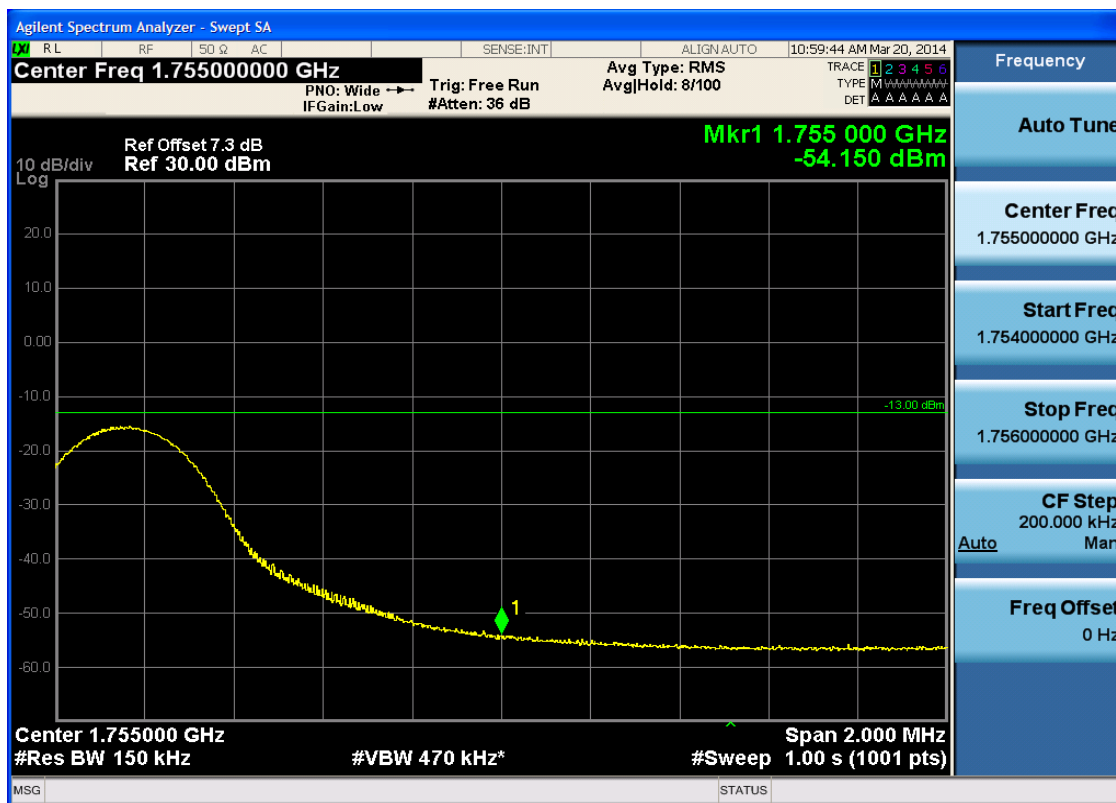


5.3.2.2.5.1.4 Test RB = RB75#0



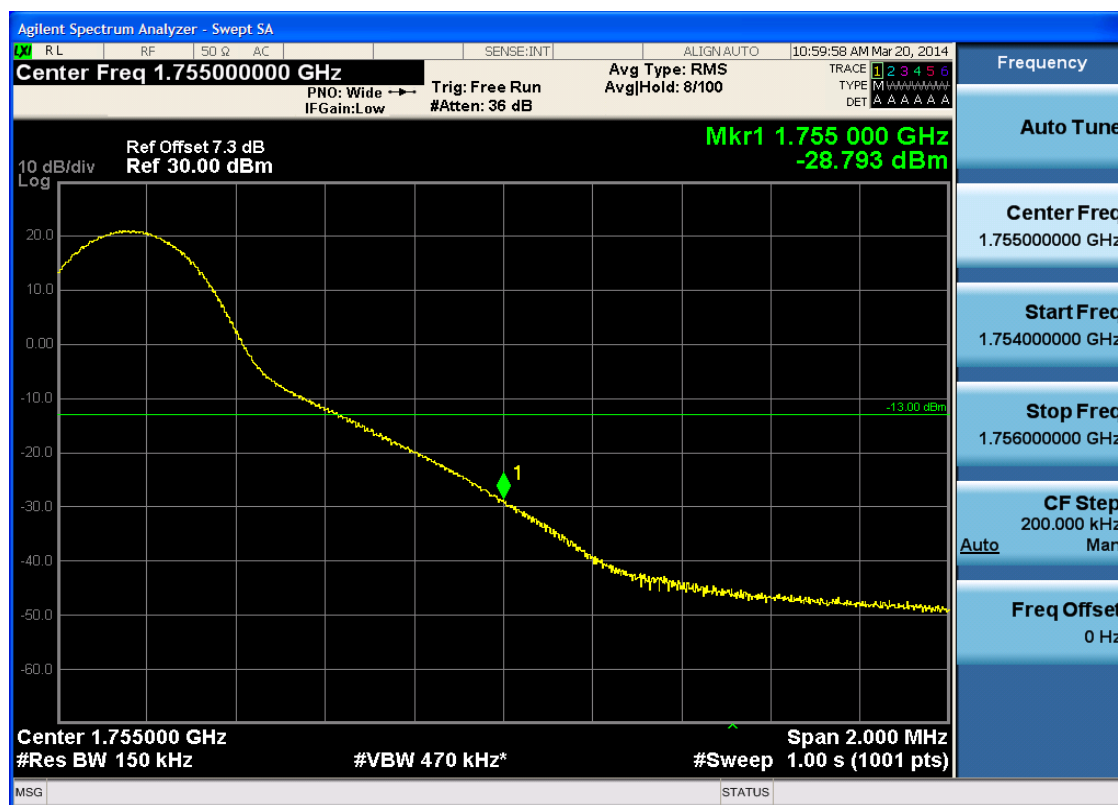
5.3.2.2.5.2 Test Channel = HCH

5.3.2.2.5.2.1 Test RB = RB1#0



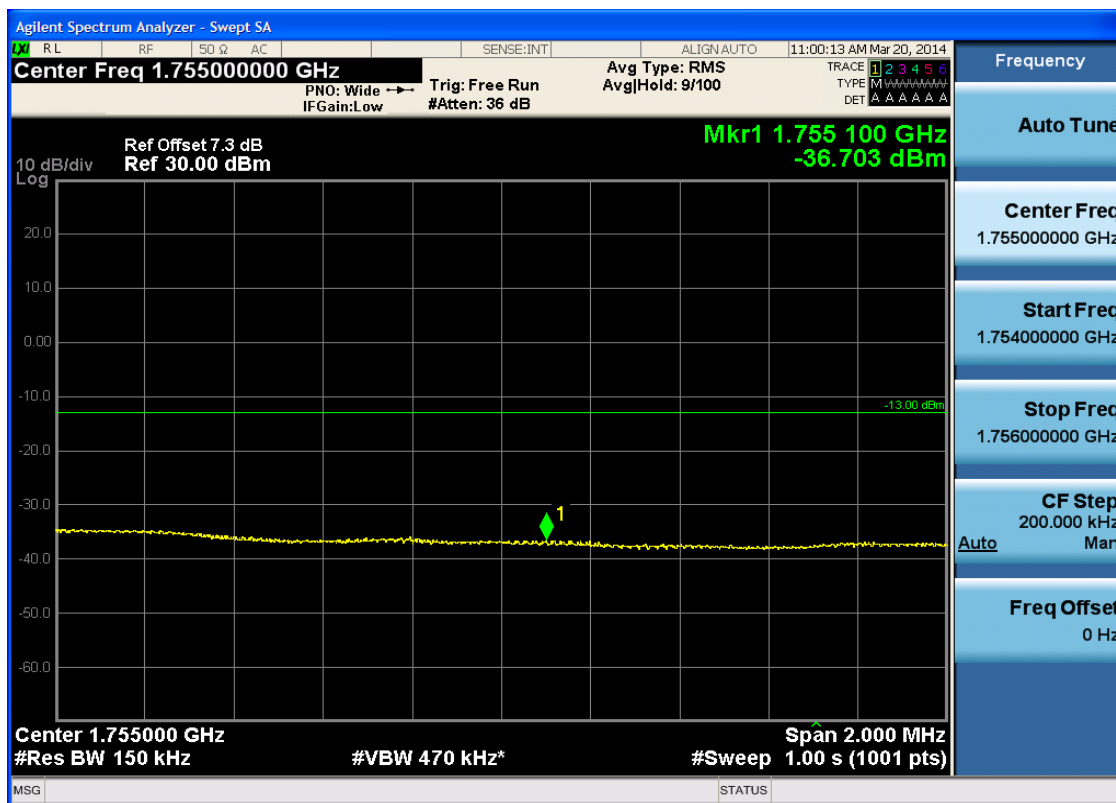


5.3.2.2.5.2.2 Test RB = RB1#74





5.3.2.2.5.2.3 Test RB = RB38#19





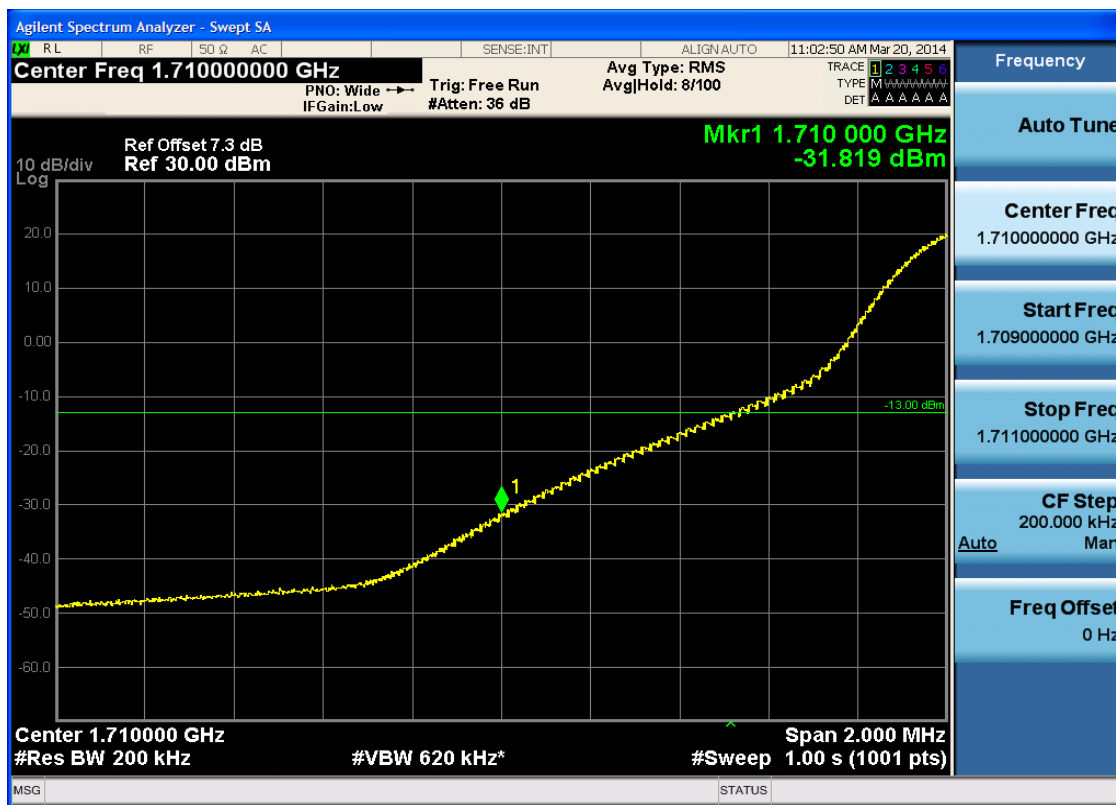
5.3.2.2.5.2.4 Test RB = RB75#0



5.3.2.2.6 Test Bandwidth = 20

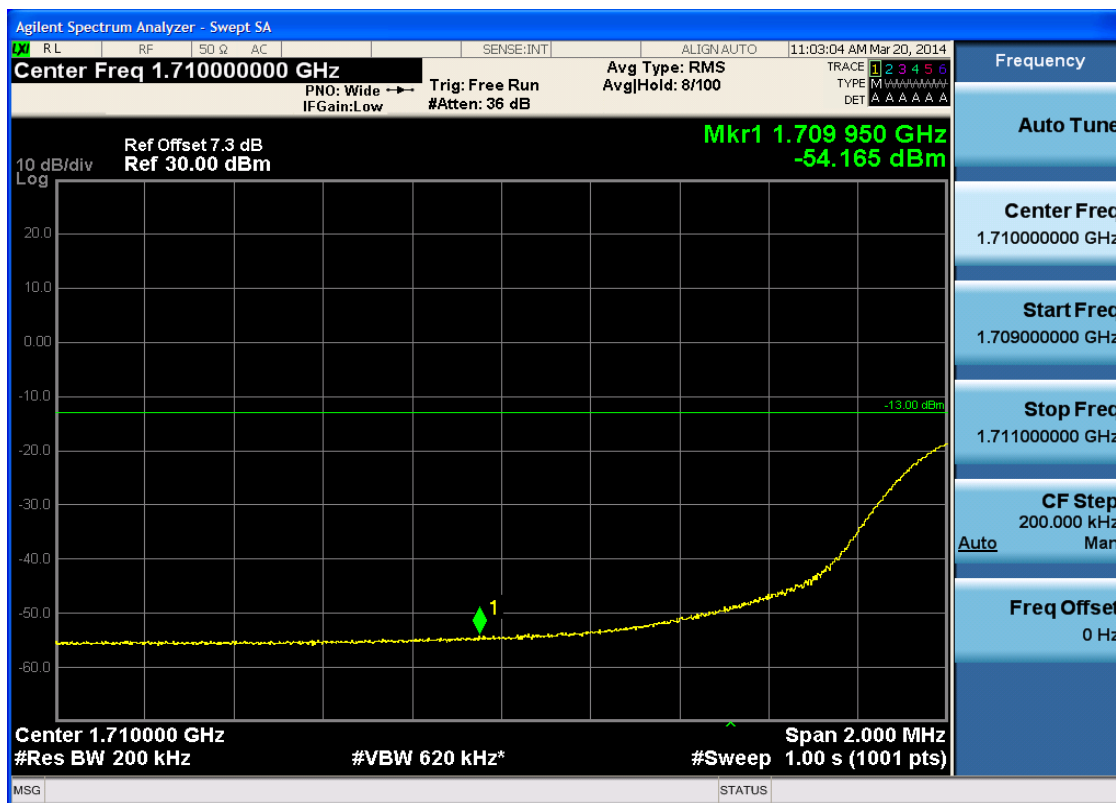
5.3.2.2.6.1 Test Channel = LCH

5.3.2.2.6.1.1 Test RB = RB1#0



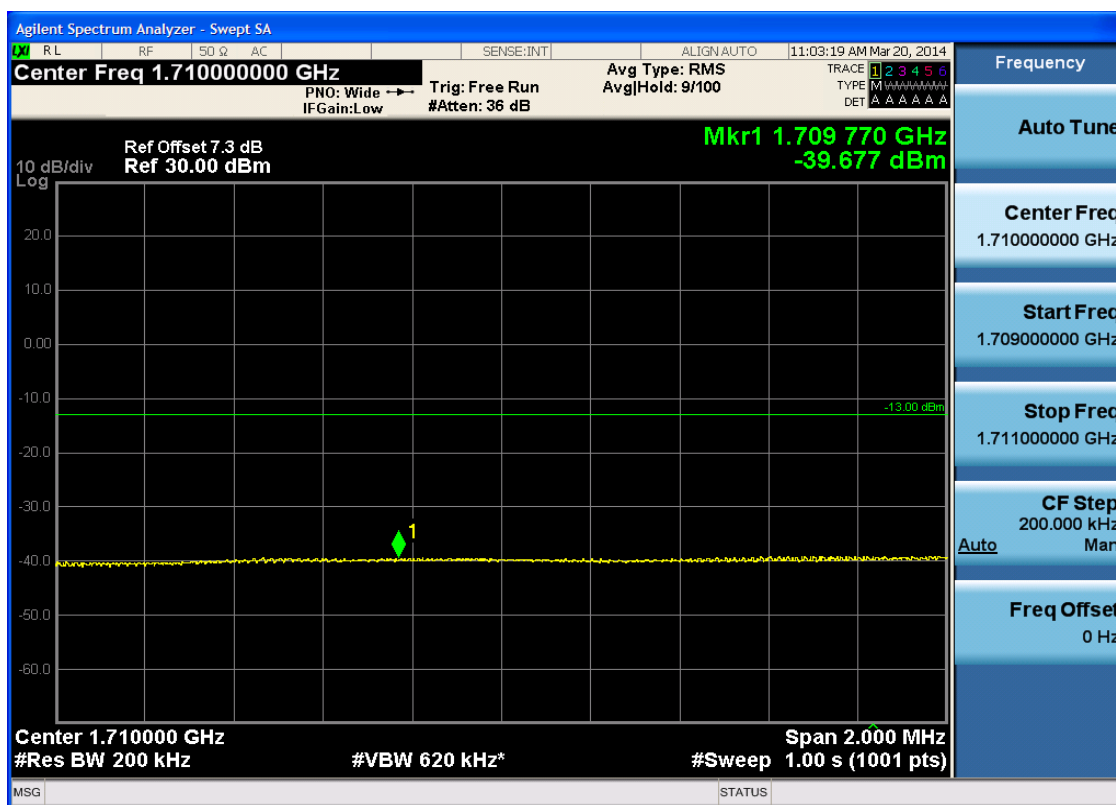


5.3.2.2.6.1.2 Test RB = RB1#99



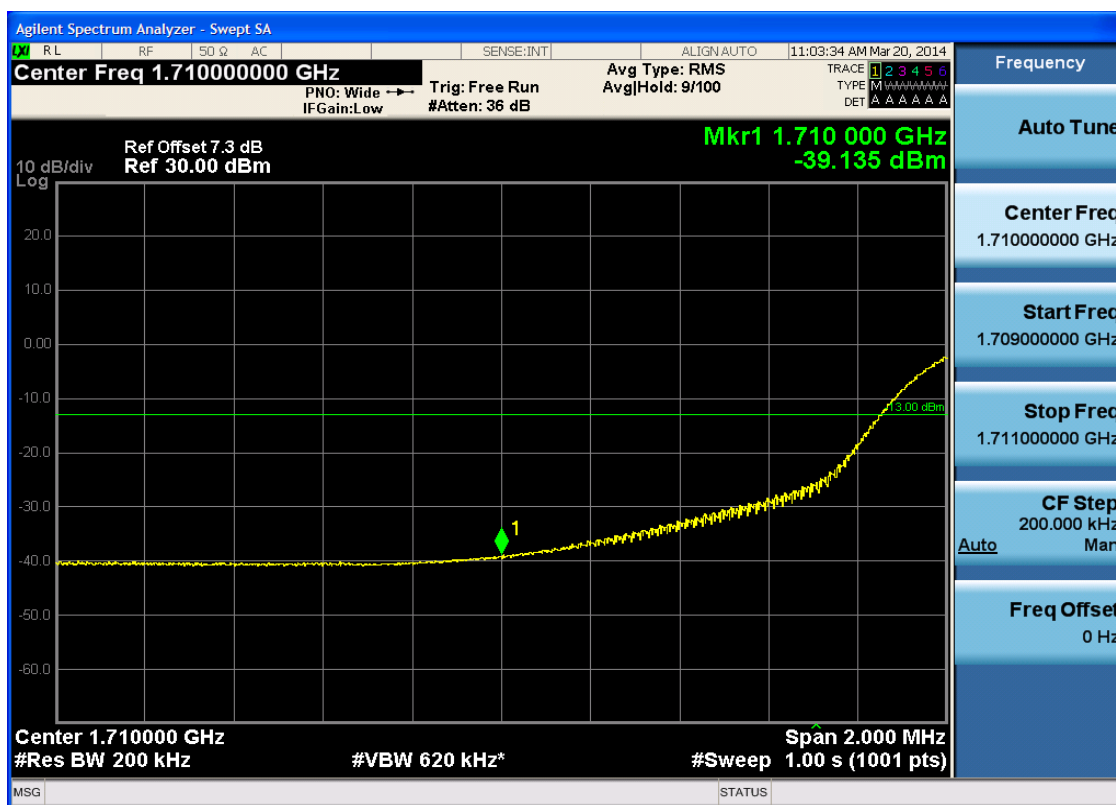


5.3.2.2.6.1.3 Test RB = RB50#25





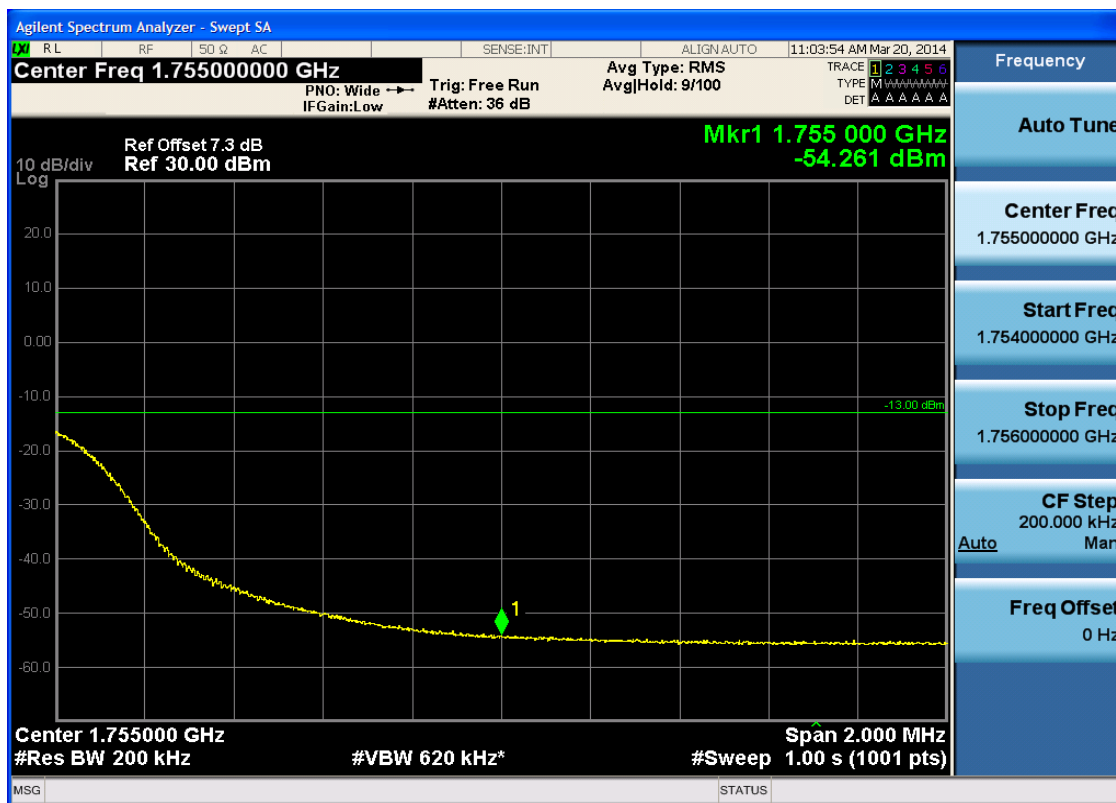
5.3.2.2.6.1.4 Test RB = RB100#0





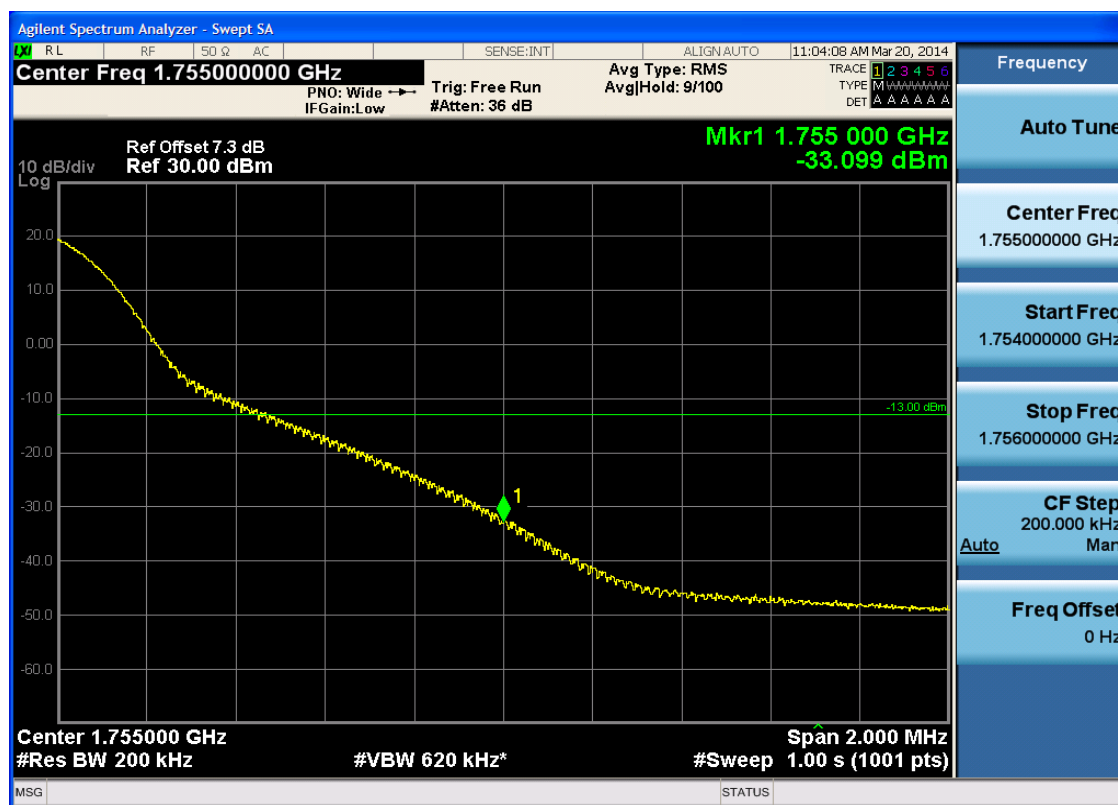
5.3.2.2.6.2 Test Channel = HCH

5.3.2.2.6.2.1 Test RB = RB1#0



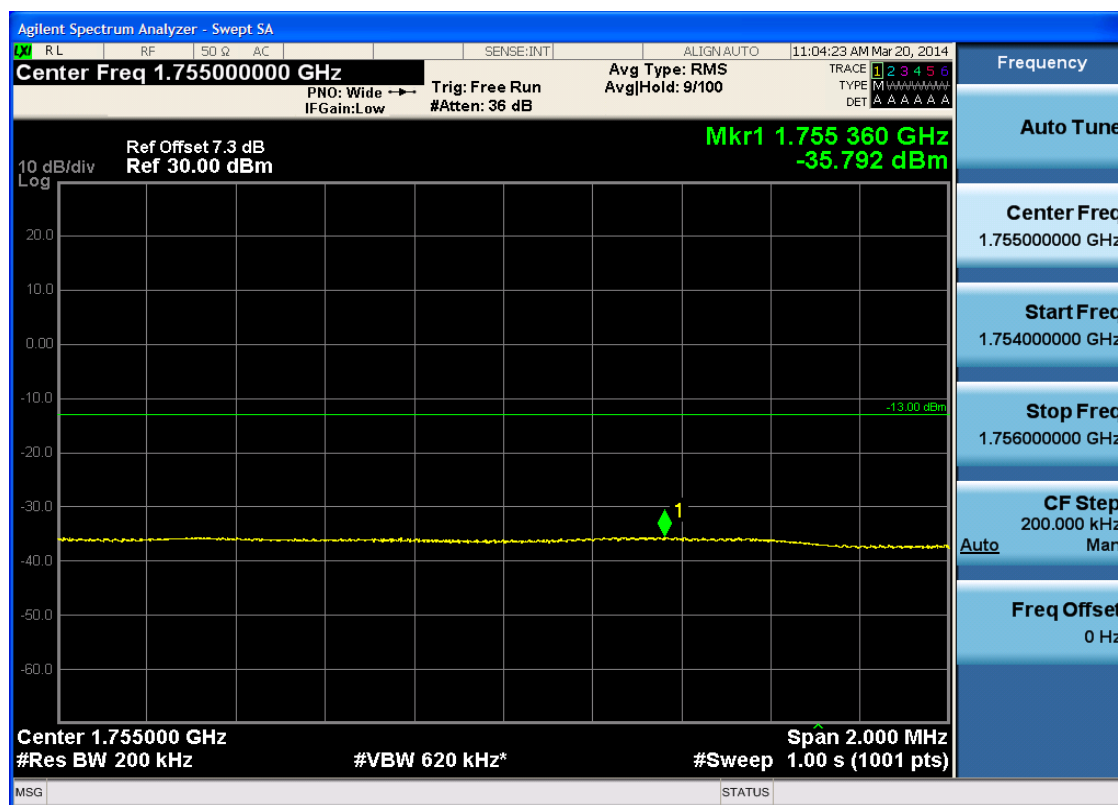


5.3.2.2.6.2.2 Test RB = RB1#99



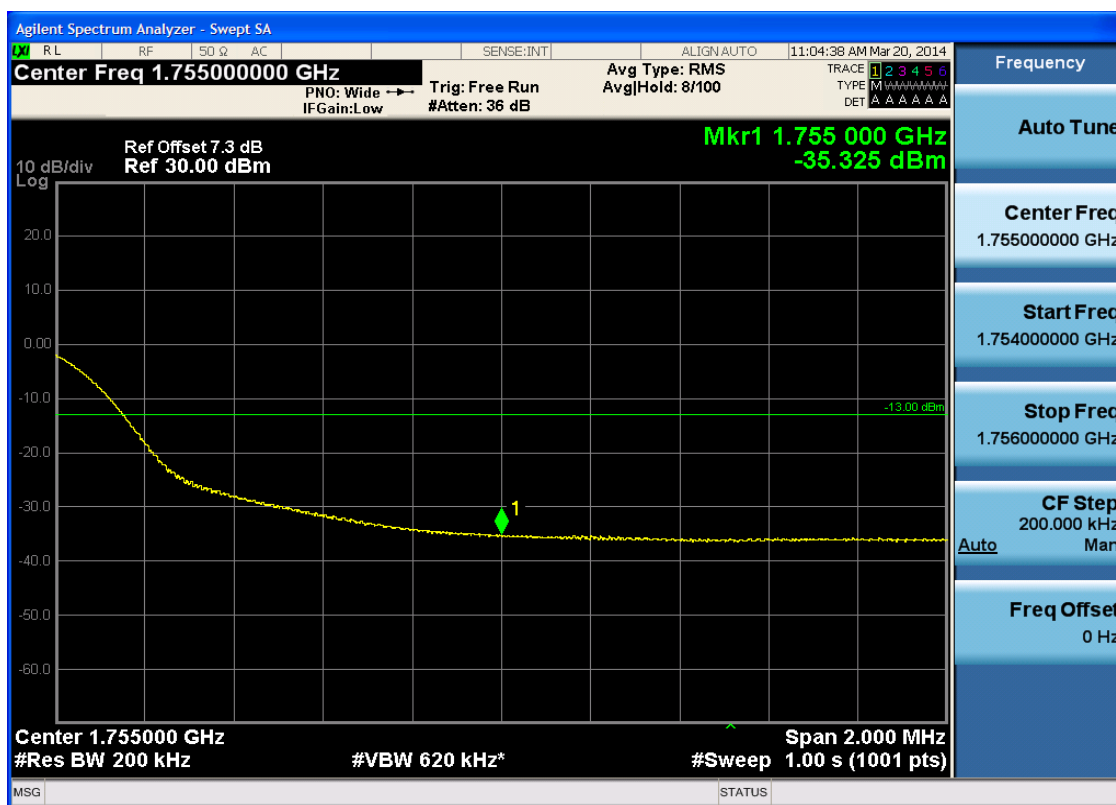


5.3.2.2.6.2.3 Test RB = RB50#25





5.3.2.2.6.2.4 Test RB = RB100#0



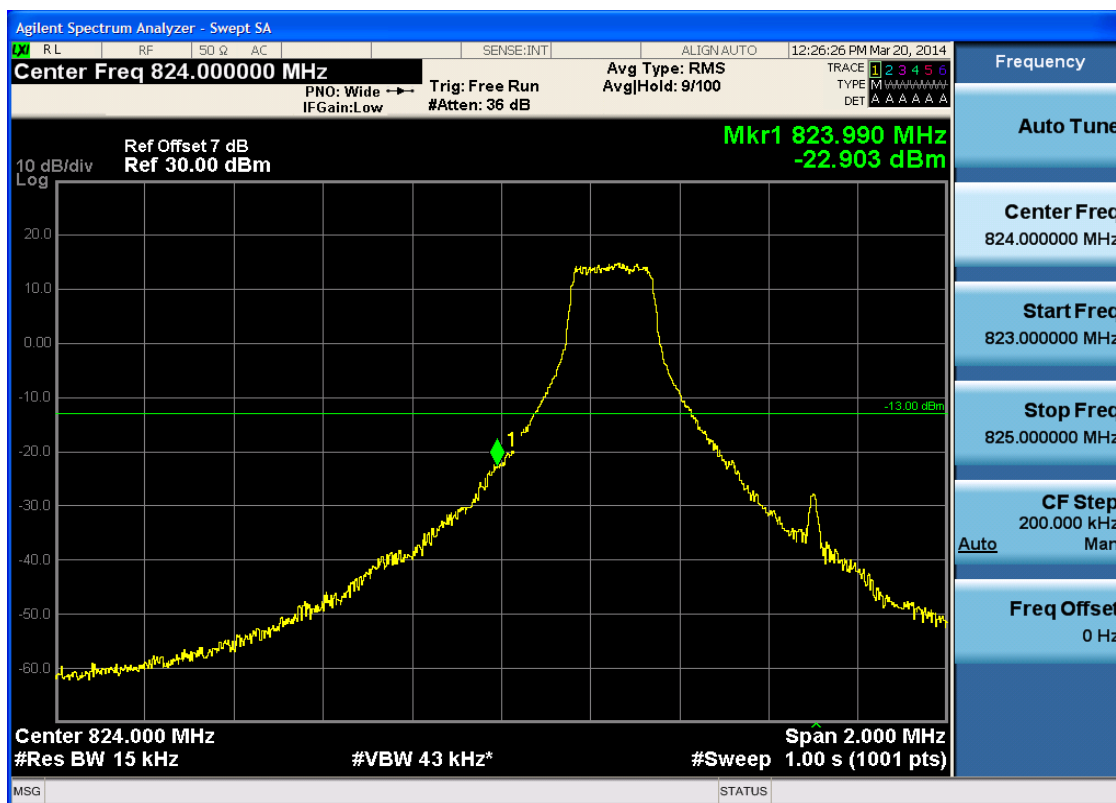
5.3.3 Test Band = BAND5

5.3.3.1 Test Mode = LTE/TM1

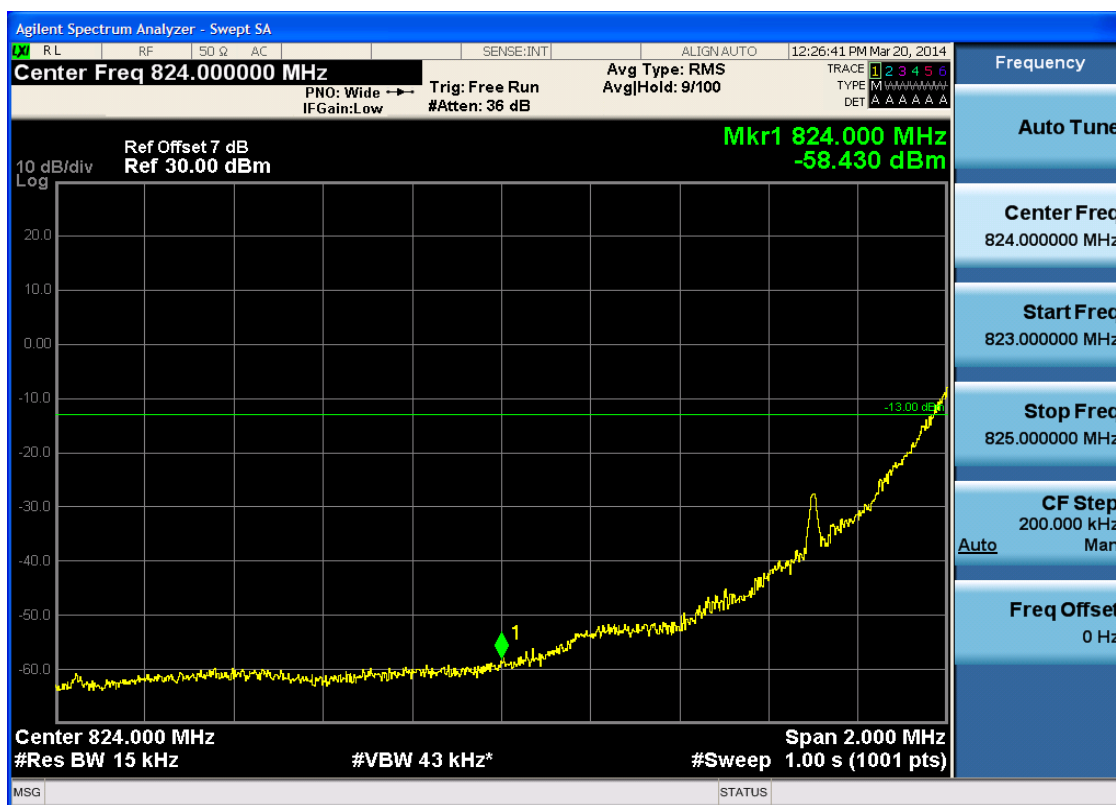
5.3.3.1.1 Test Bandwidth = 1.4

5.3.3.1.1.1 Test Channel = LCH

5.3.3.1.1.1.1 Test RB = RB1#0

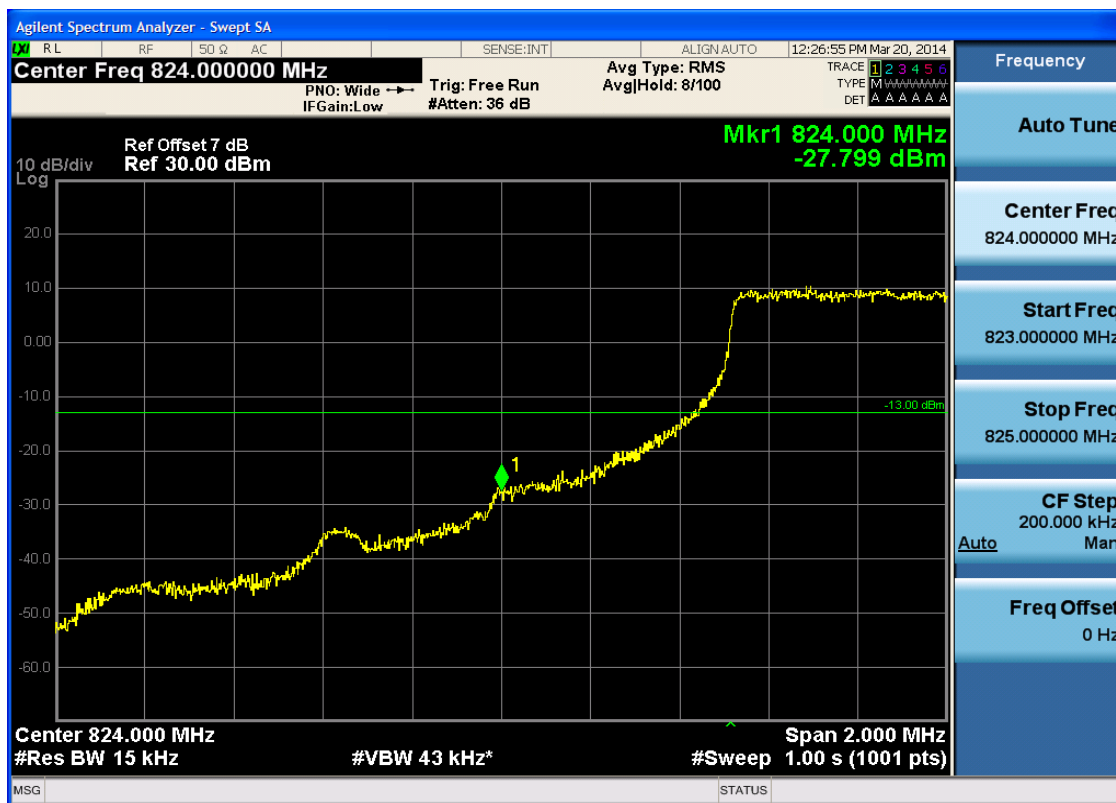


5.3.3.1.1.2 Test RB = RB1#5



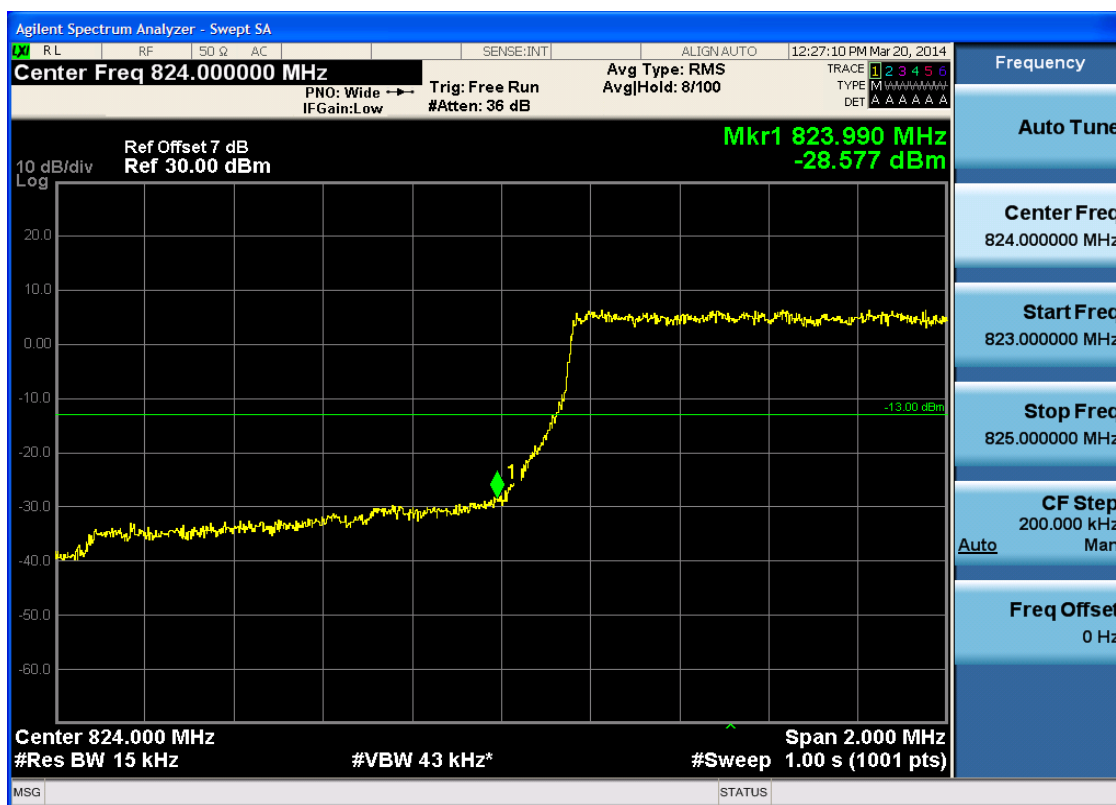


5.3.3.1.1.3 Test RB = RB3#2





5.3.3.1.1.1.4 Test RB = RB6#0





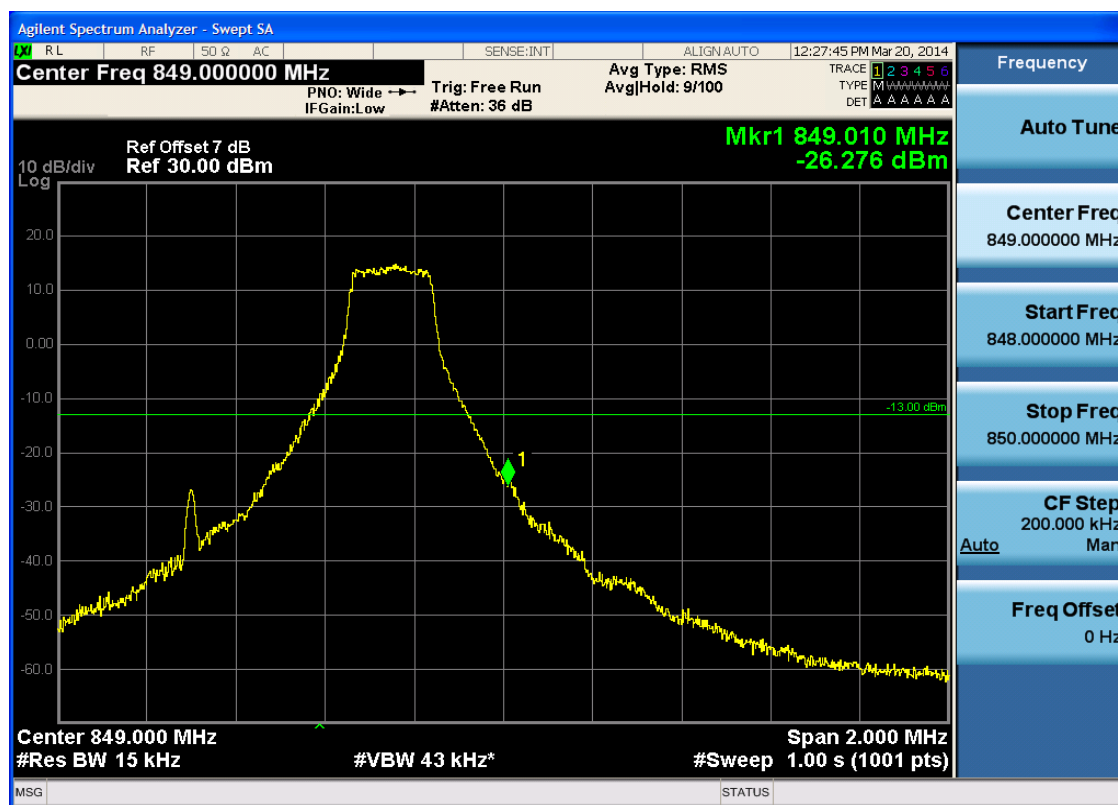
5.3.3.1.1.2 Test Channel = HCH

5.3.3.1.1.2.1 Test RB = RB1#0





5.3.3.1.1.2.2 Test RB = RB1#5





5.3.3.1.1.2.3 Test RB = RB3#2





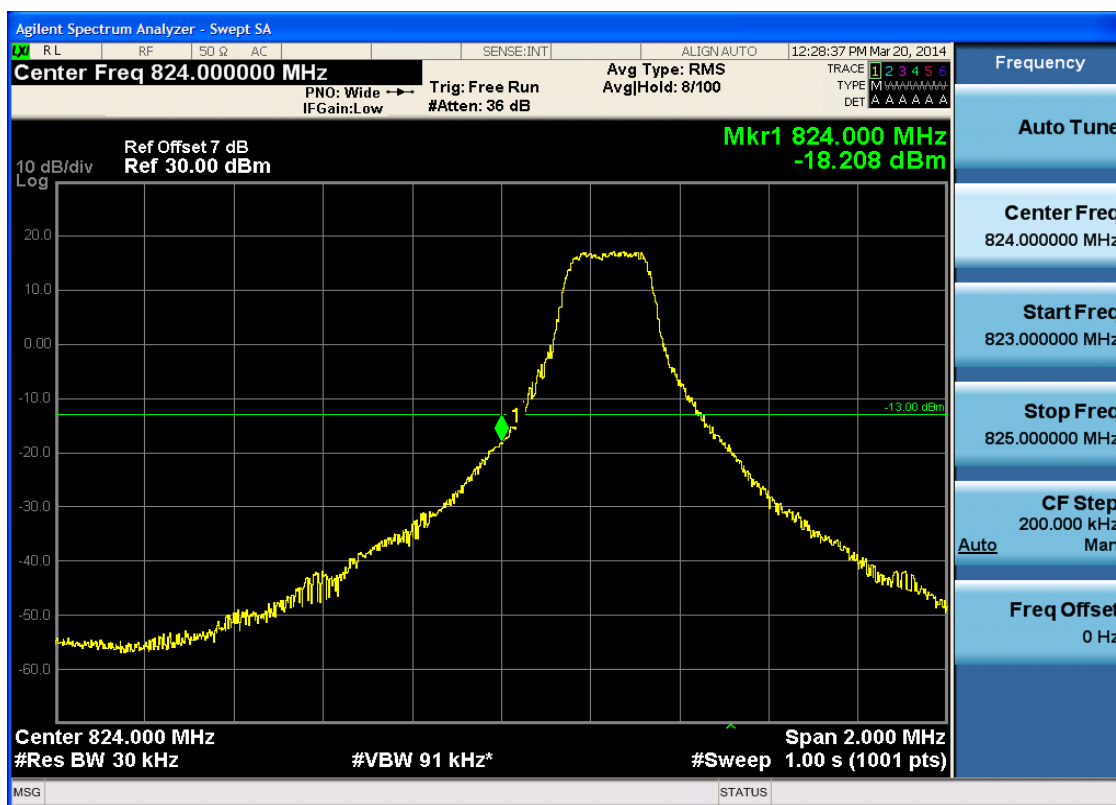
5.3.3.1.1.2.4 Test RB = RB6#0



5.3.3.1.2 Test Bandwidth = 3

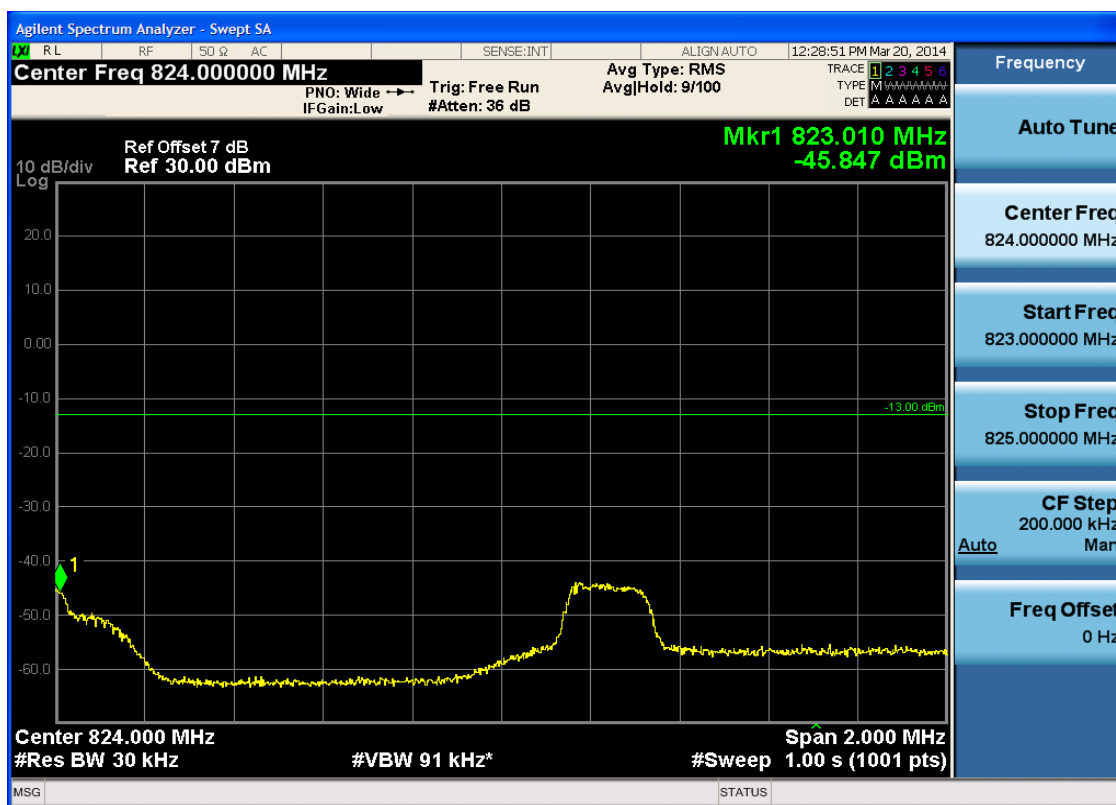
5.3.3.1.2.1 Test Channel = LCH

5.3.3.1.2.1.1 Test RB = RB1#0



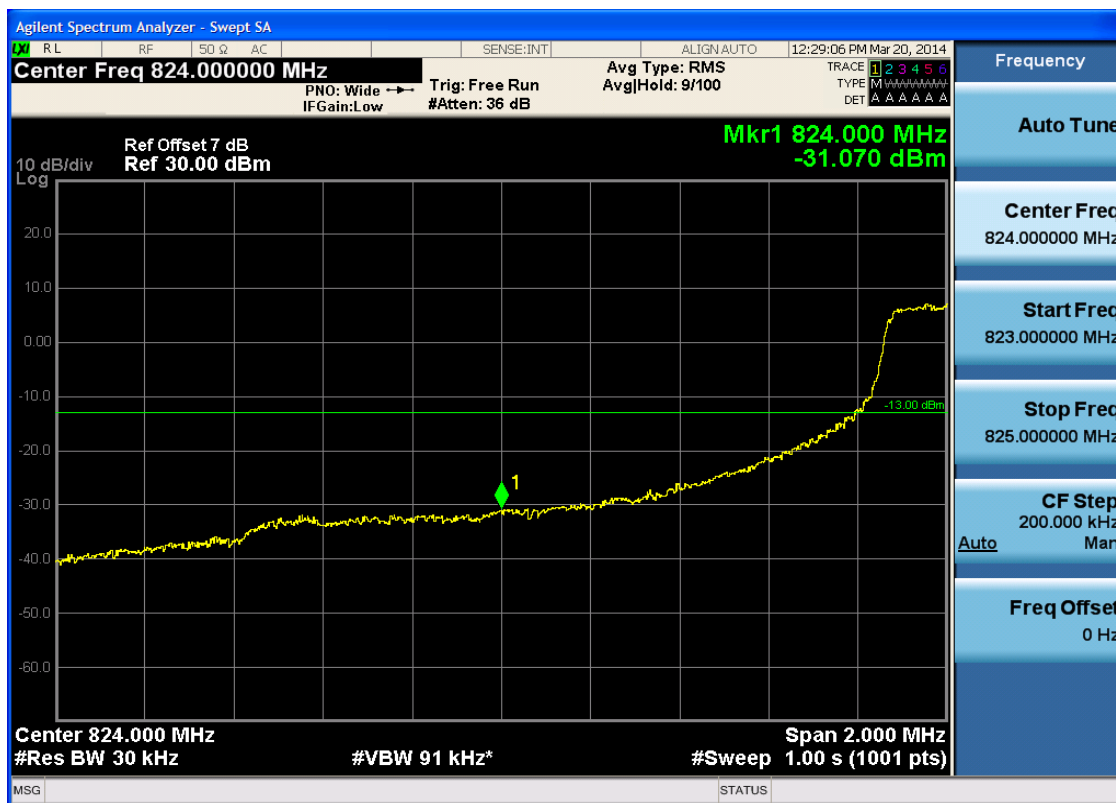


5.3.3.1.2.1.2 Test RB = RB1#14

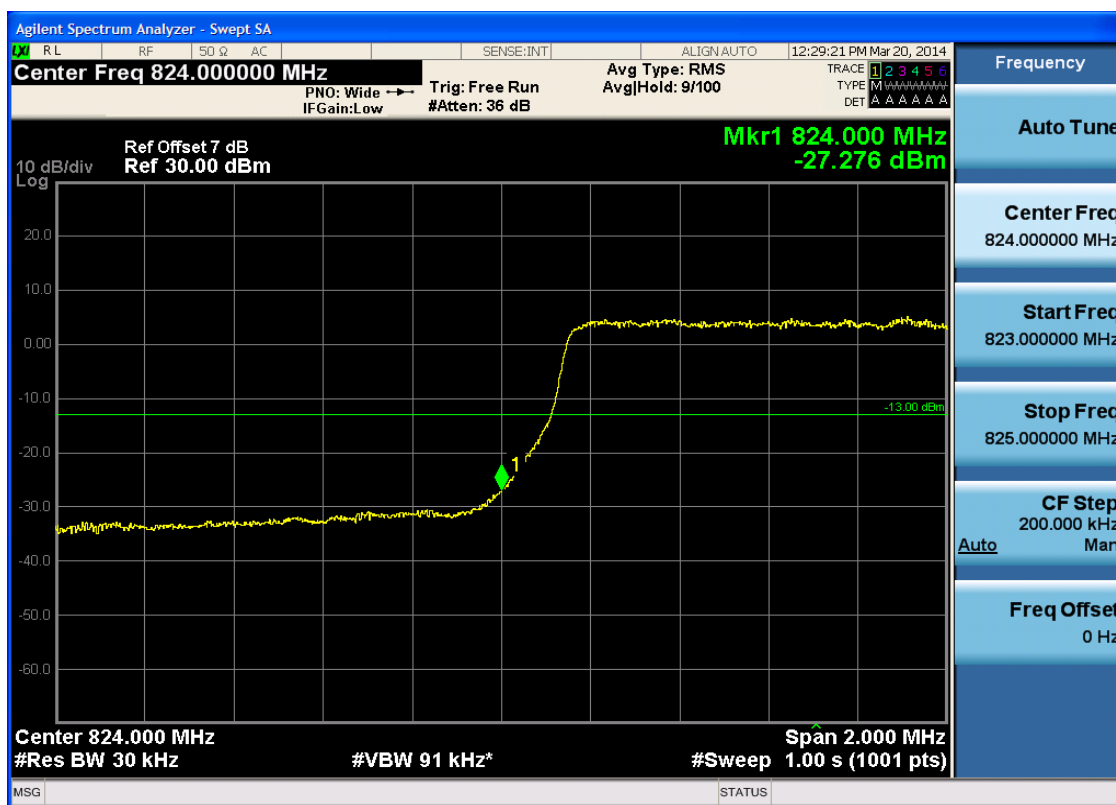




5.3.3.1.2.1.3 Test RB = RB8#4



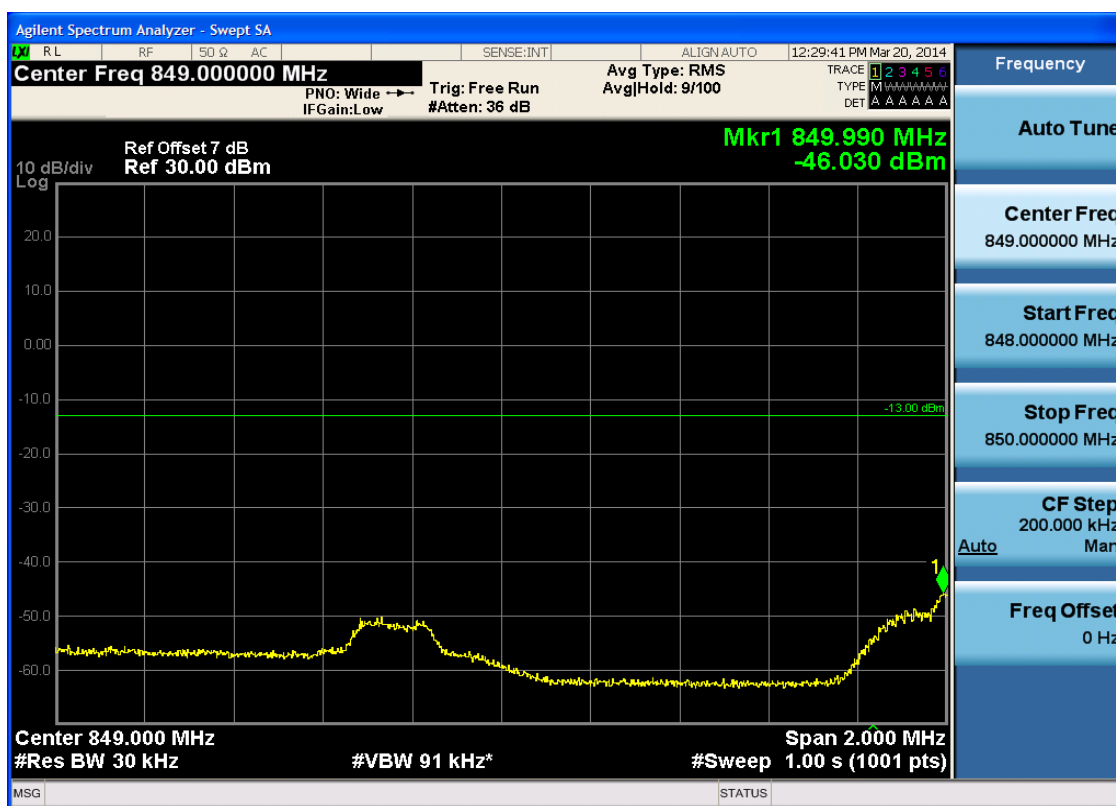
5.3.3.1.2.1.4 Test RB = RB15#0





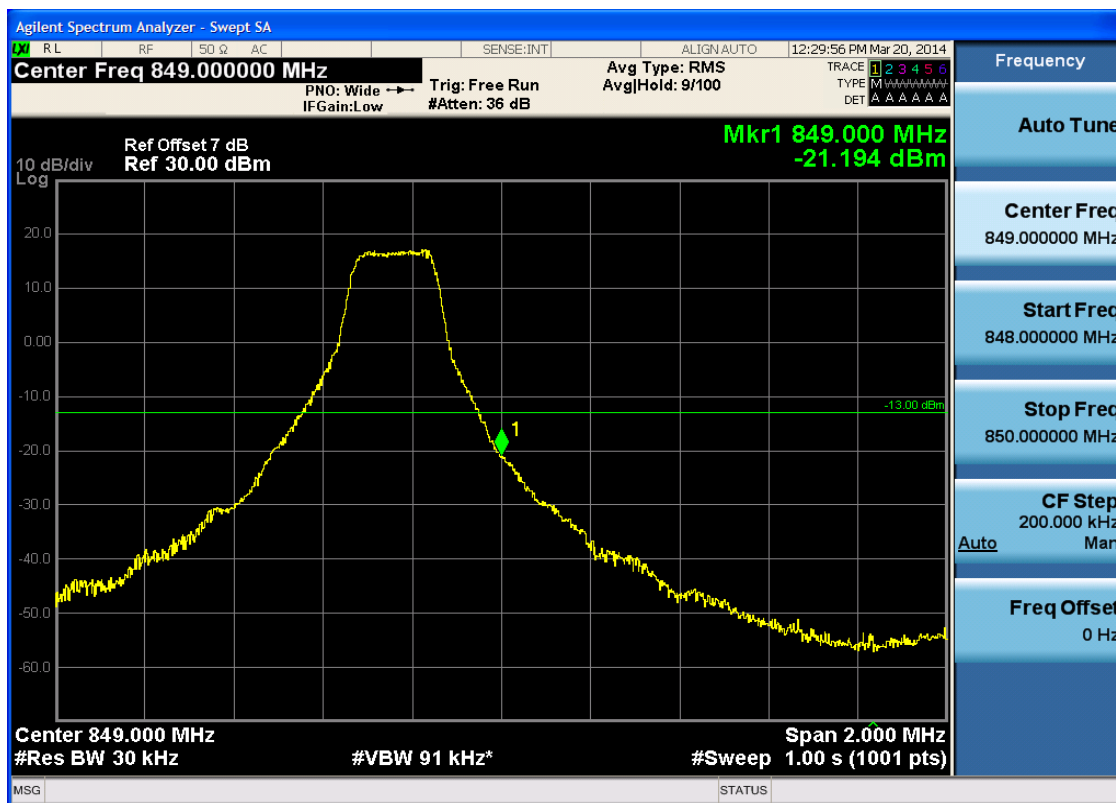
5.3.3.1.2.2 Test Channel = HCH

5.3.3.1.2.2.1 Test RB = RB1#0





5.3.3.1.2.2.2 Test RB = RB1#14





5.3.3.1.2.2.3 Test RB = RB8#4





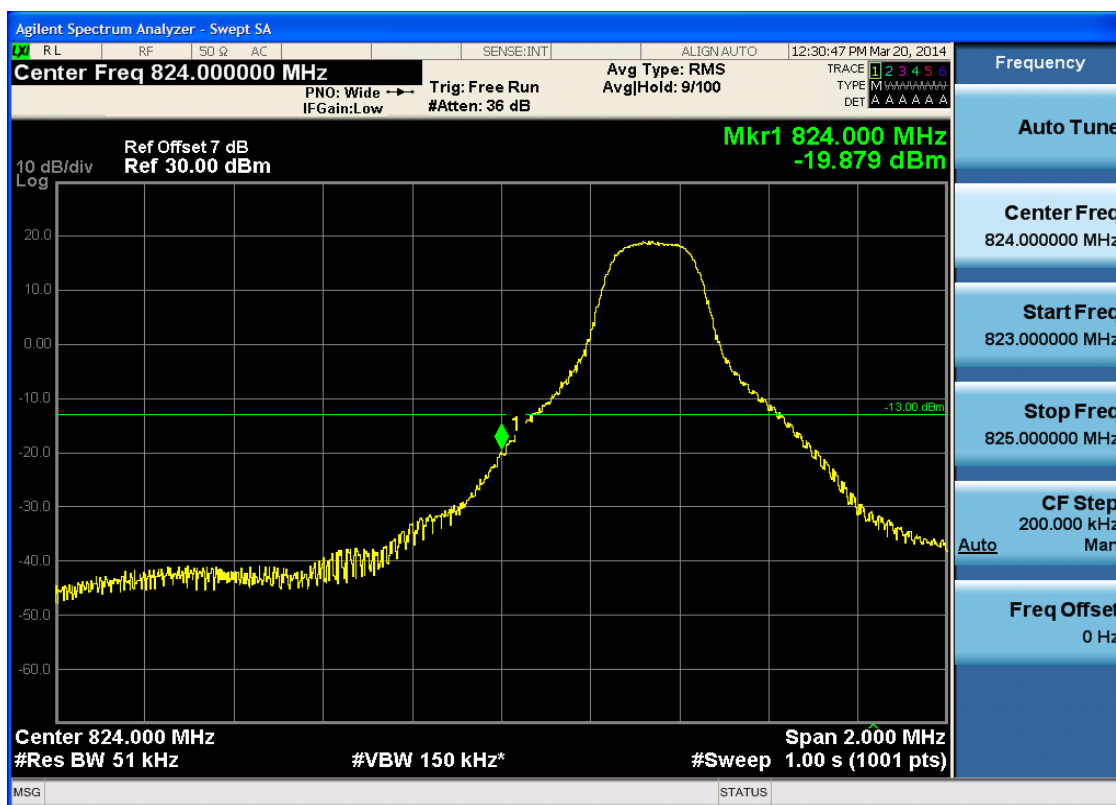
5.3.3.1.2.2.4 Test RB = RB15#0



5.3.3.1.3 Test Bandwidth = 5

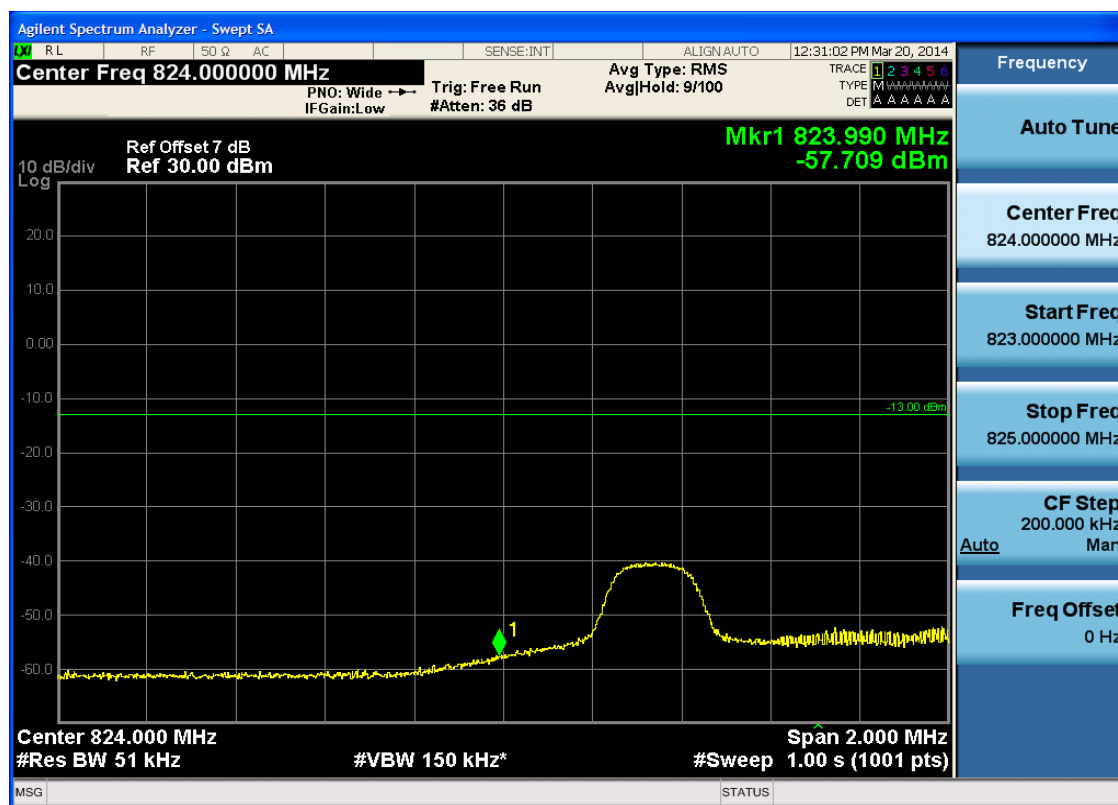
5.3.3.1.3.1 Test Channel = LCH

5.3.3.1.3.1.1 Test RB = RB1#0



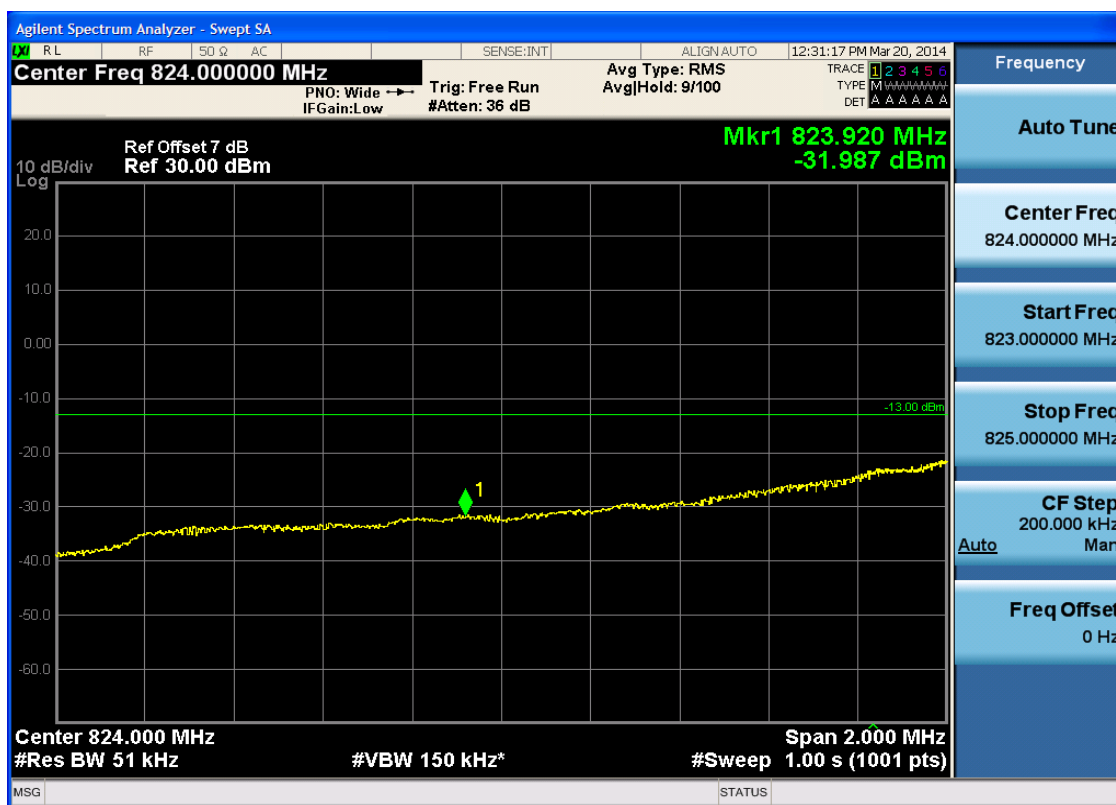


5.3.3.1.3.1.2 Test RB = RB1#24



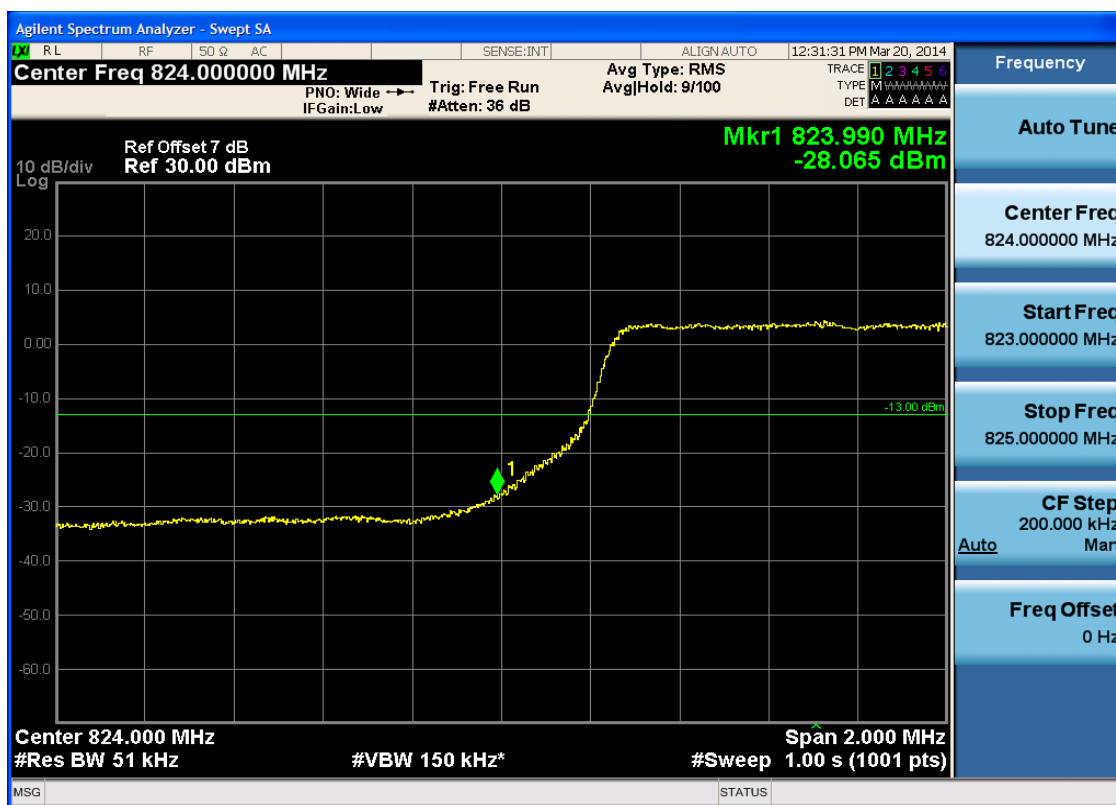


5.3.3.1.3.1.3 Test RB = RB12#6





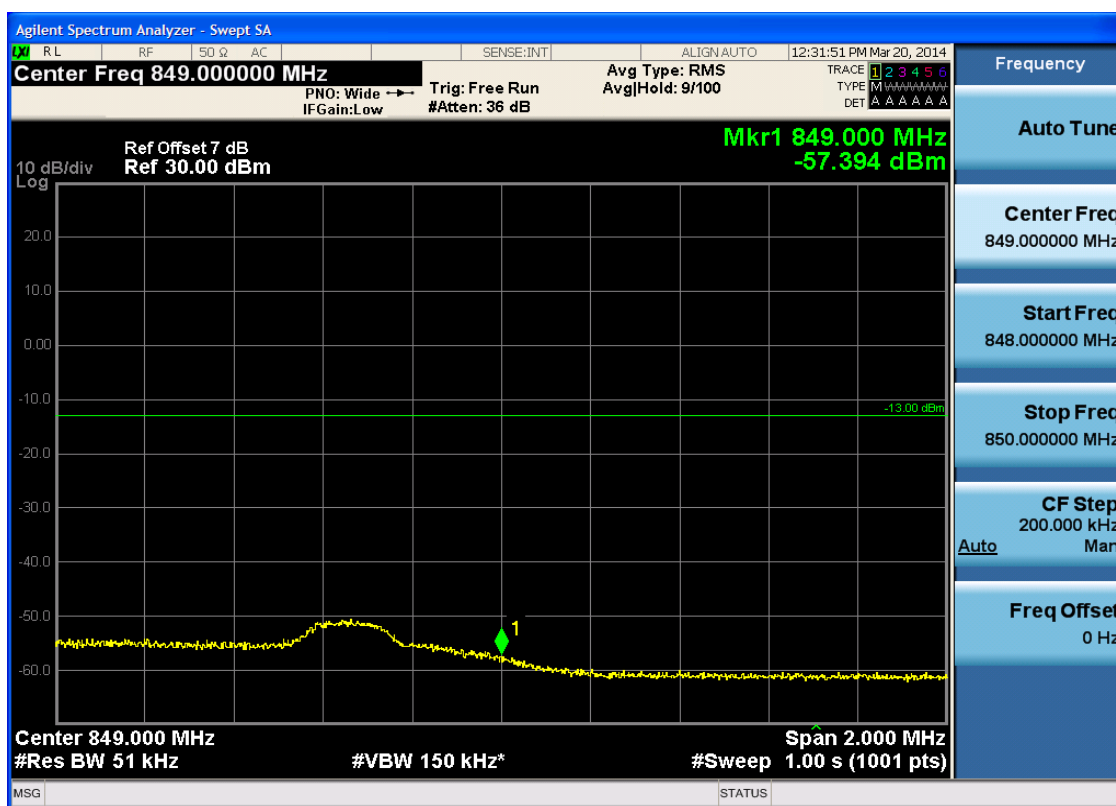
5.3.3.1.3.1.4 Test RB = RB25#0





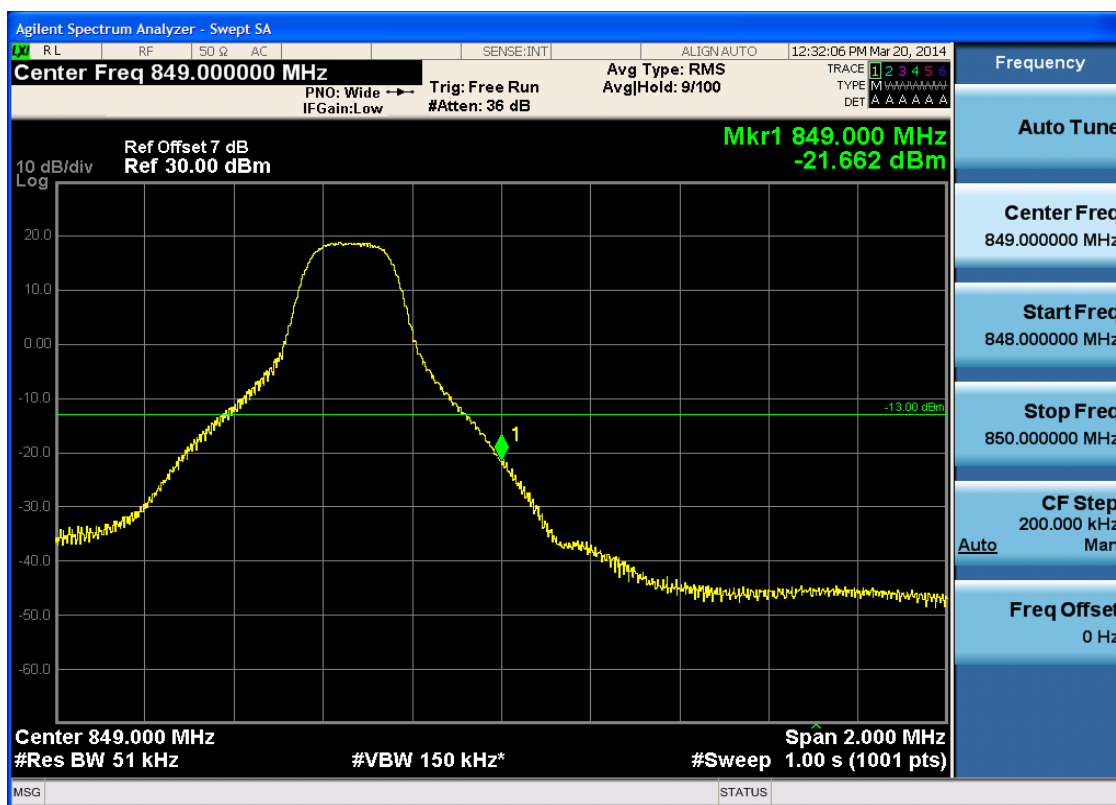
5.3.3.1.3.2 Test Channel = HCH

5.3.3.1.3.2.1 Test RB = RB1#0





5.3.3.1.3.2.2 Test RB = RB1#24





5.3.3.1.3.2.3 Test RB = RB12#6





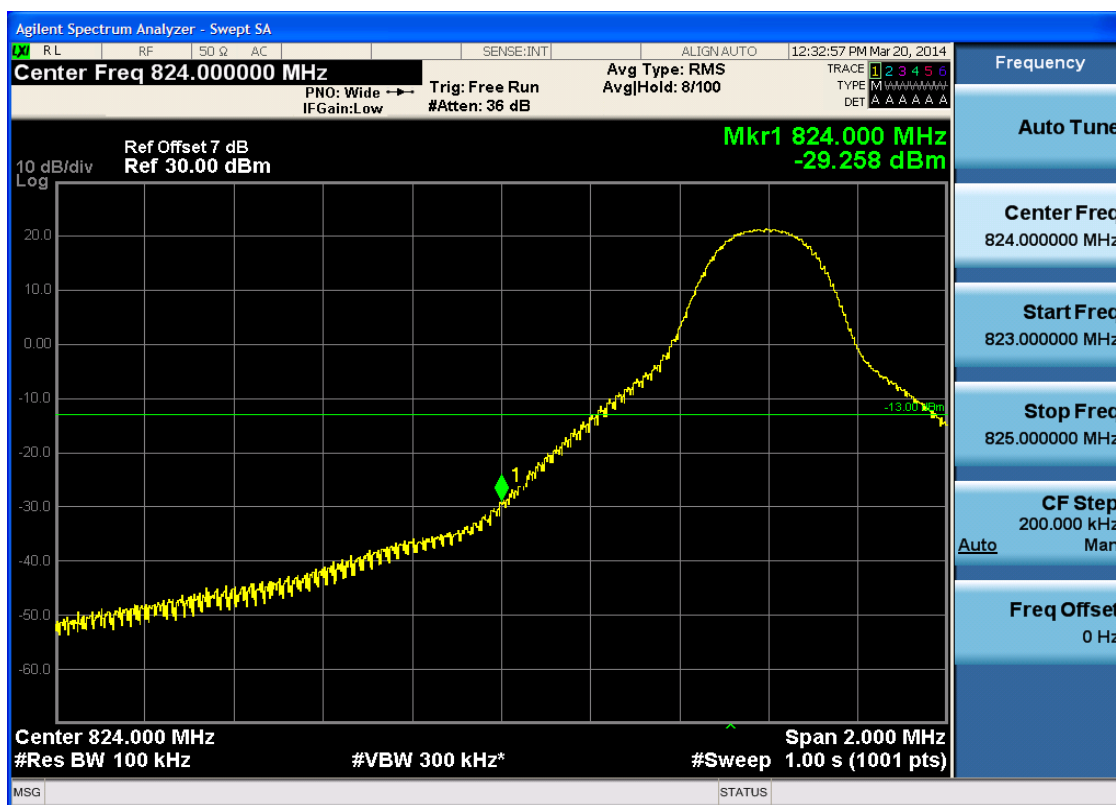
5.3.3.1.3.2.4 Test RB = RB25#0



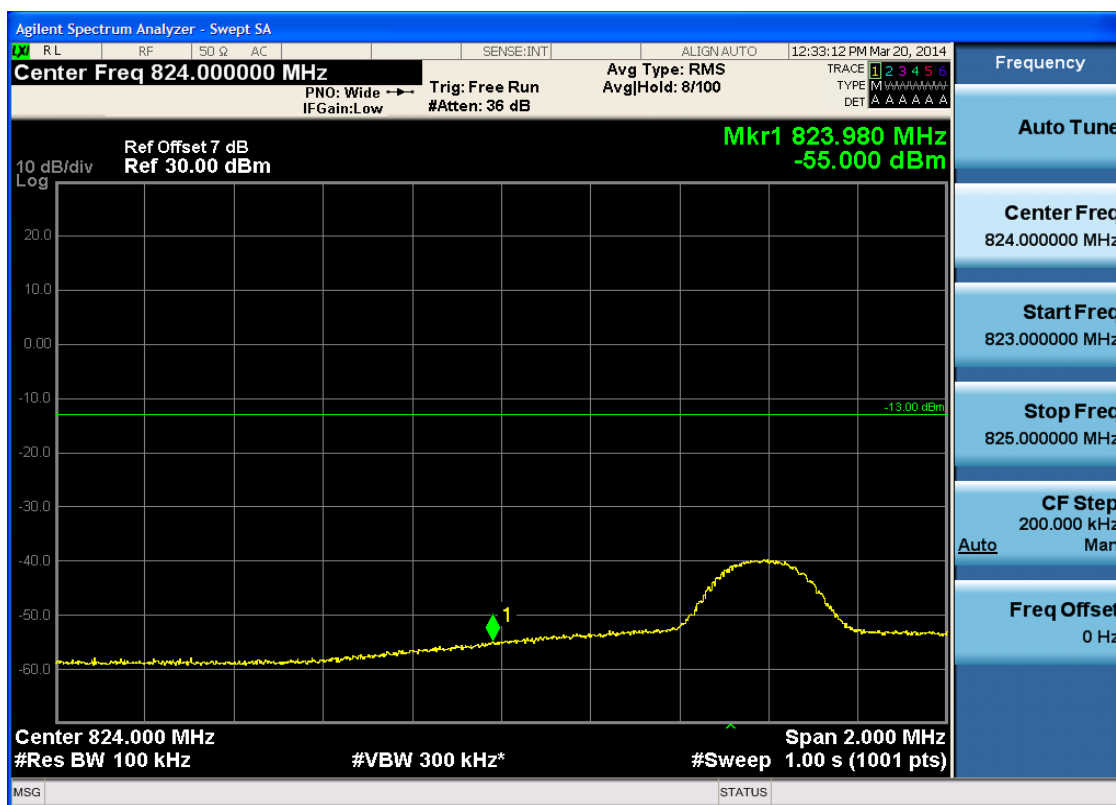
5.3.3.1.4 Test Bandwidth = 10

5.3.3.1.4.1 Test Channel = LCH

5.3.3.1.4.1.1 Test RB = RB1#0

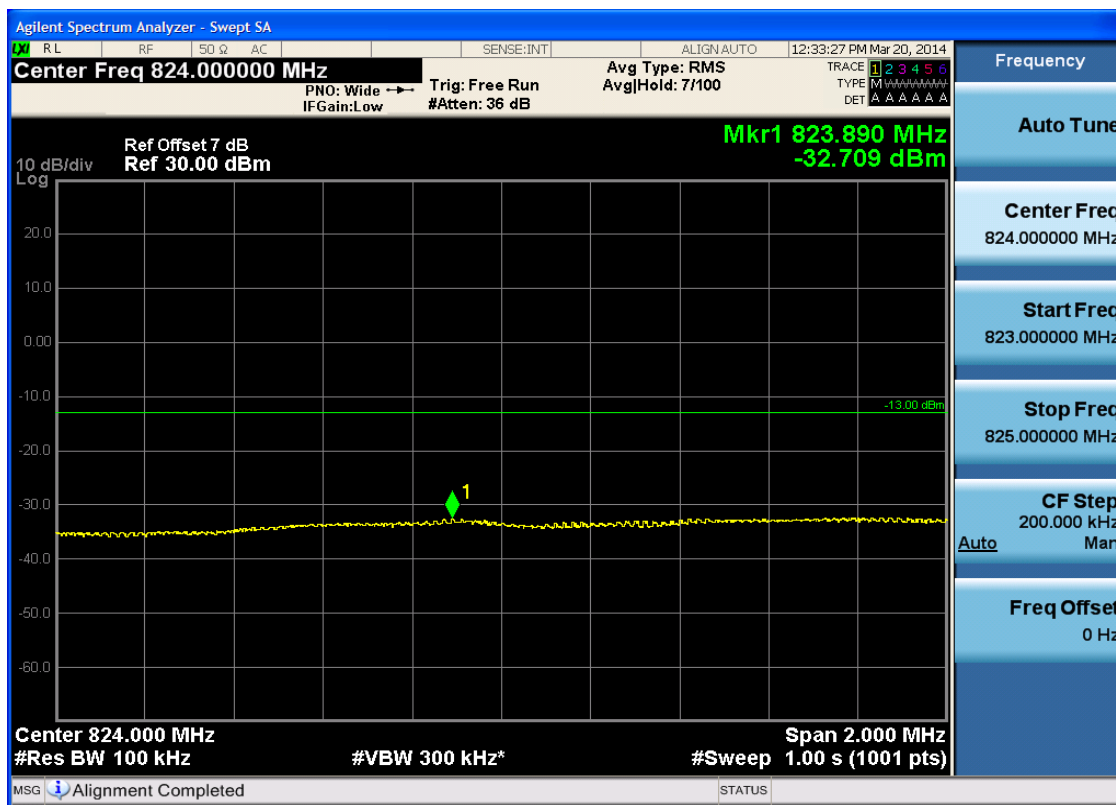


5.3.3.1.4.1.2 Test RB = RB1#49

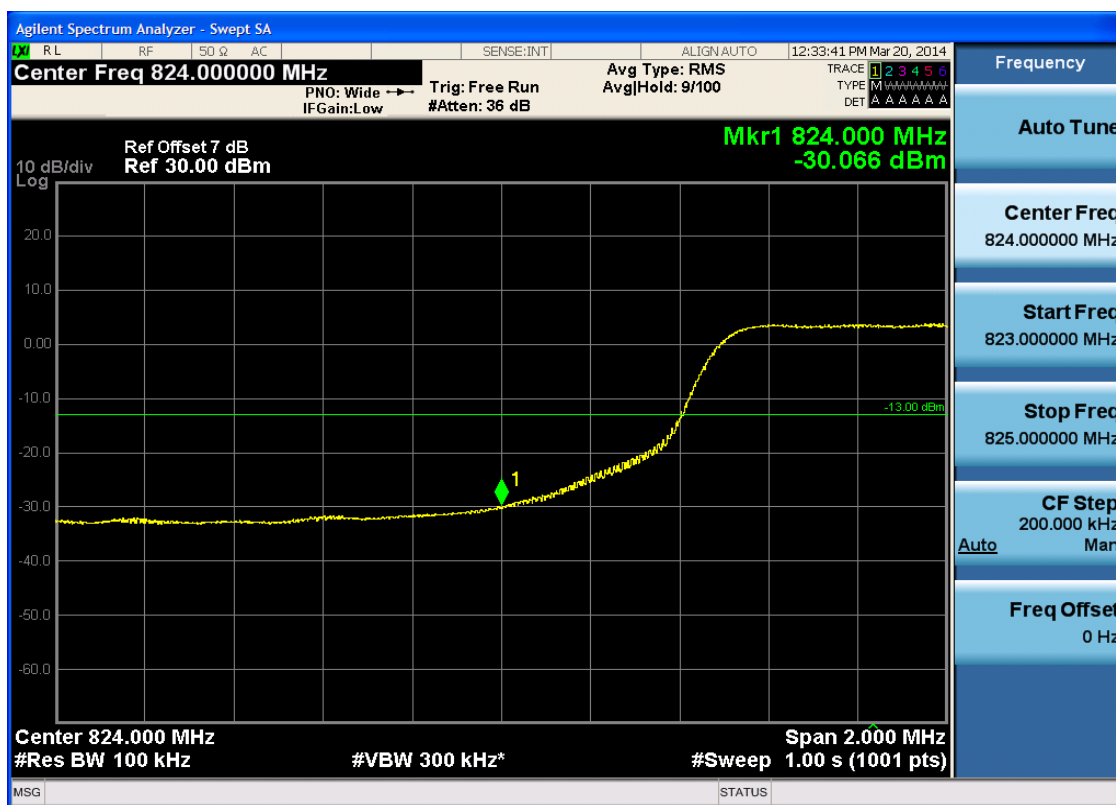




5.3.3.1.4.1.3 Test RB = RB25#13



5.3.3.1.4.1.4 Test RB = RB50#0



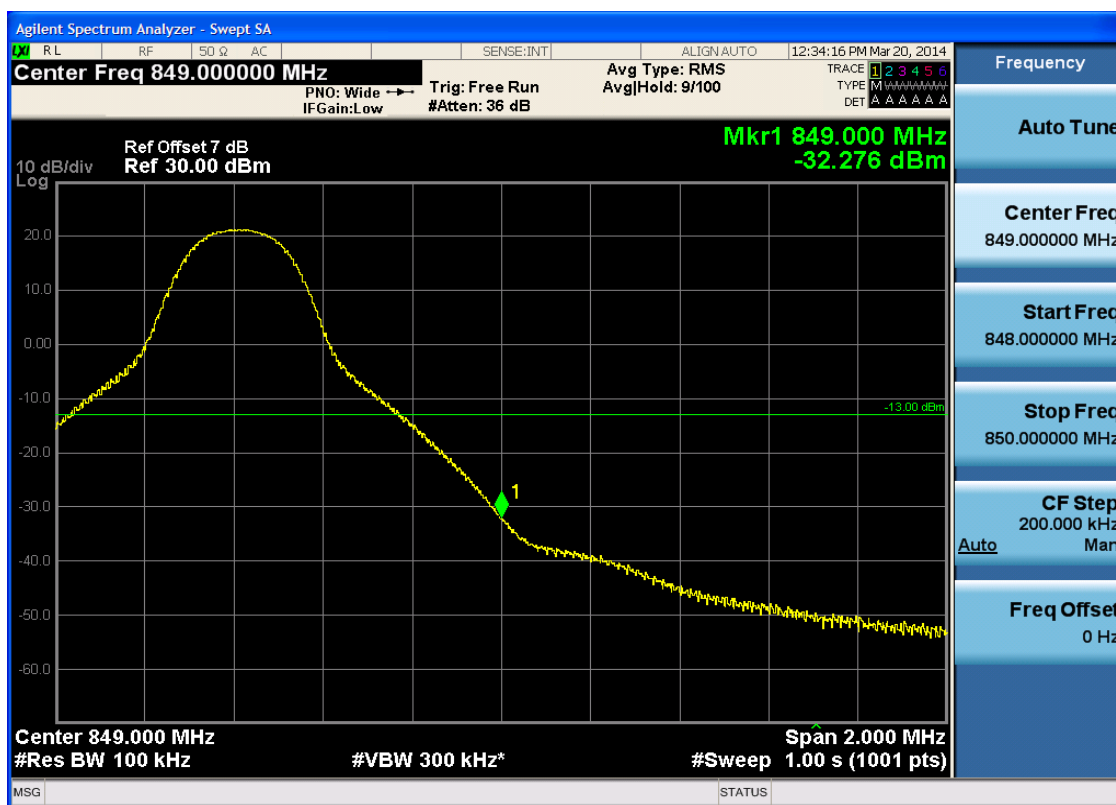


5.3.3.1.4.2 Test Channel = HCH

5.3.3.1.4.2.1 Test RB = RB1#0

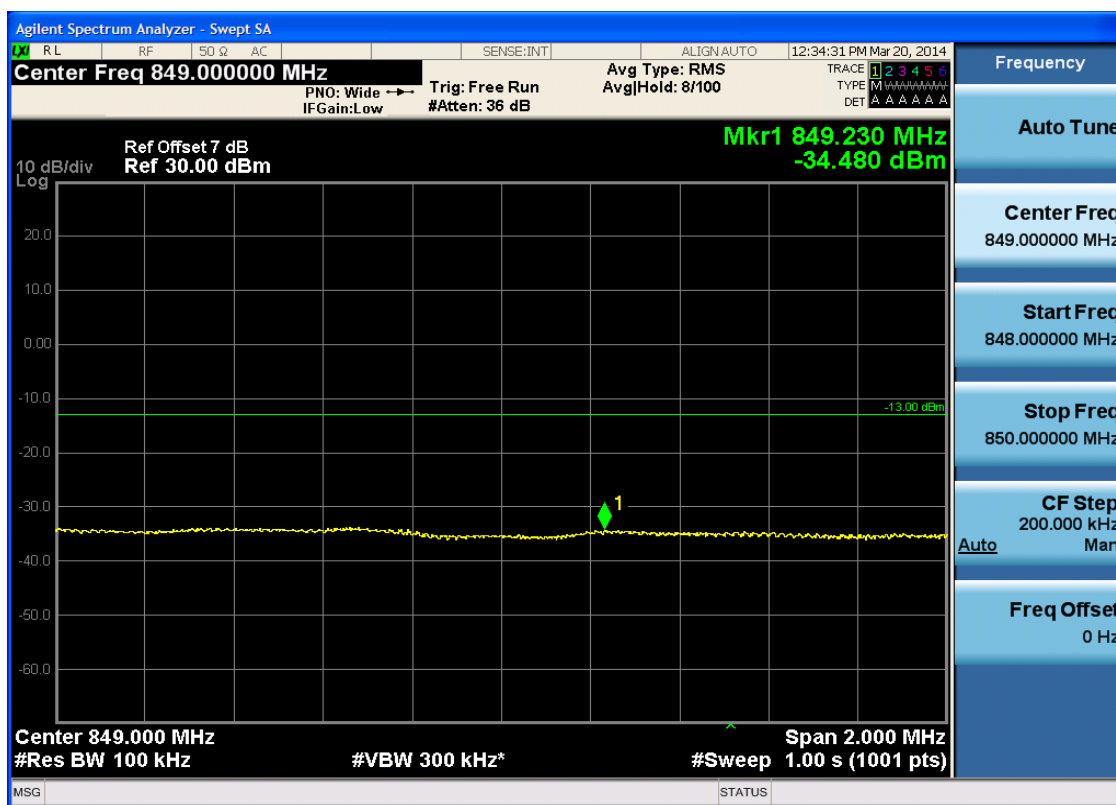


5.3.3.1.4.2.2 Test RB = RB1#49





5.3.3.1.4.2.3 Test RB = RB25#13



5.3.3.1.4.2.4 Test RB = RB50#0

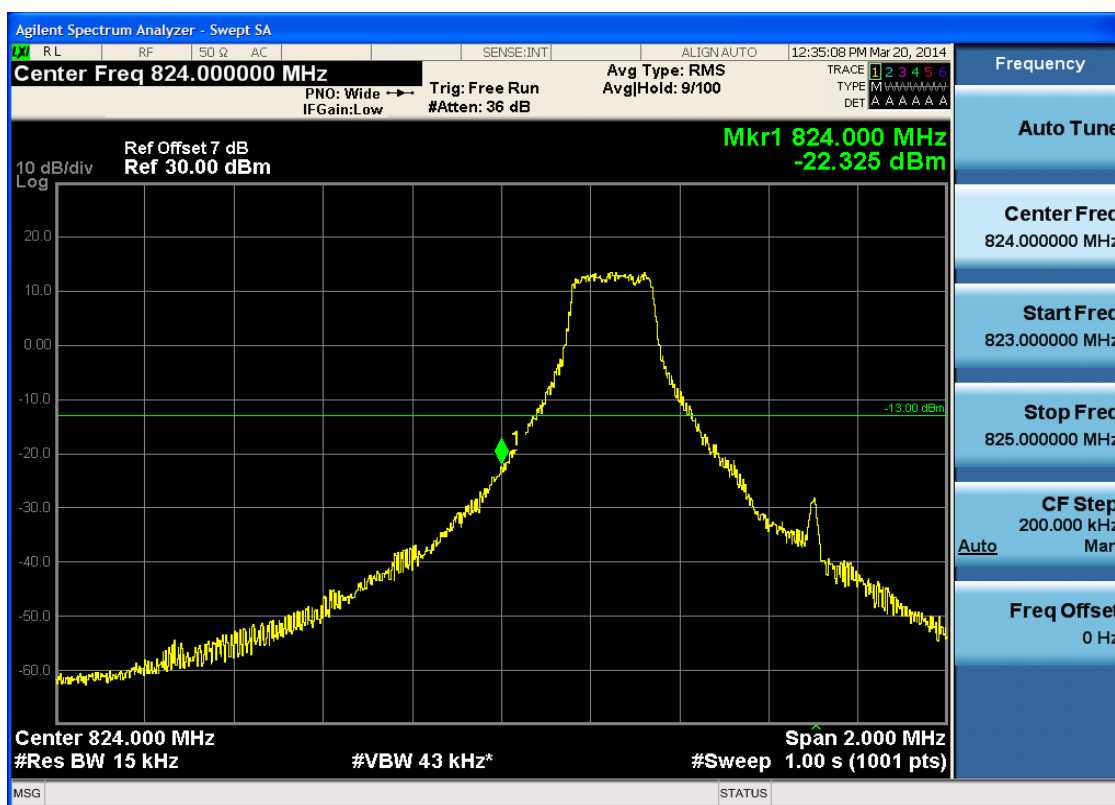


5.3.3.2 Test Mode = LTE/TM2

5.3.3.2.1 Test Bandwidth = 1.4

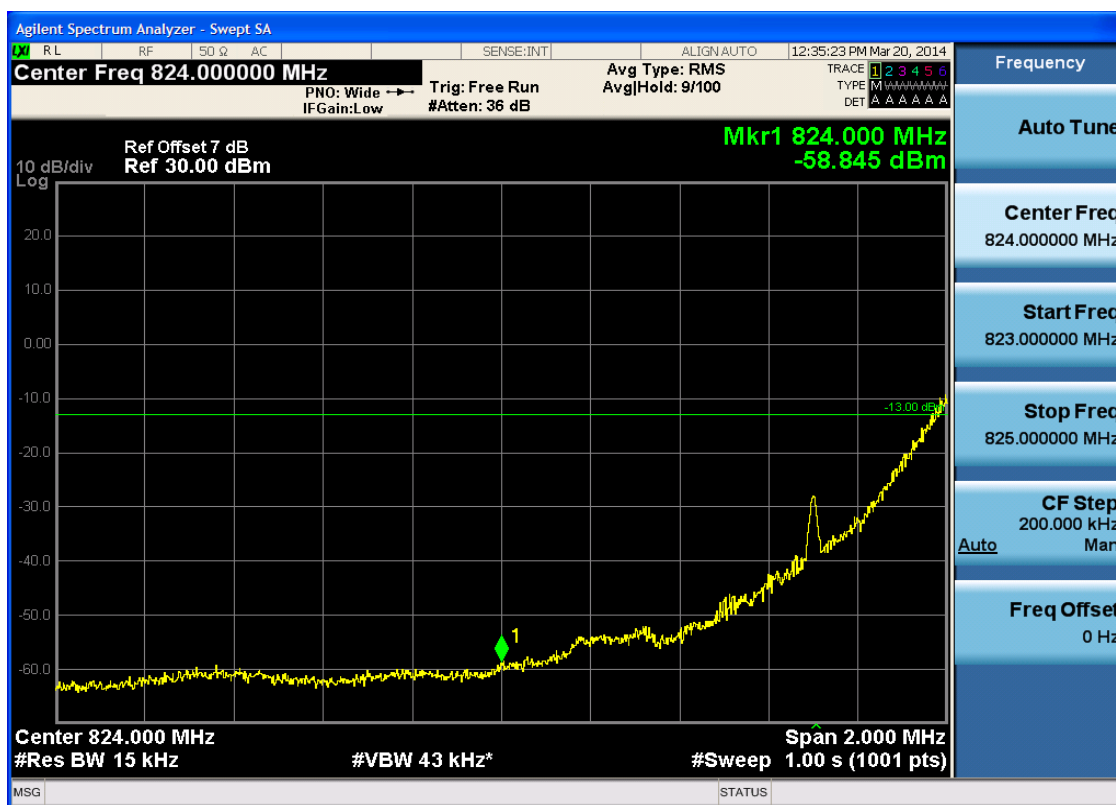
5.3.3.2.1.1 Test Channel = LCH

5.3.3.2.1.1.1 Test RB = RB1#0



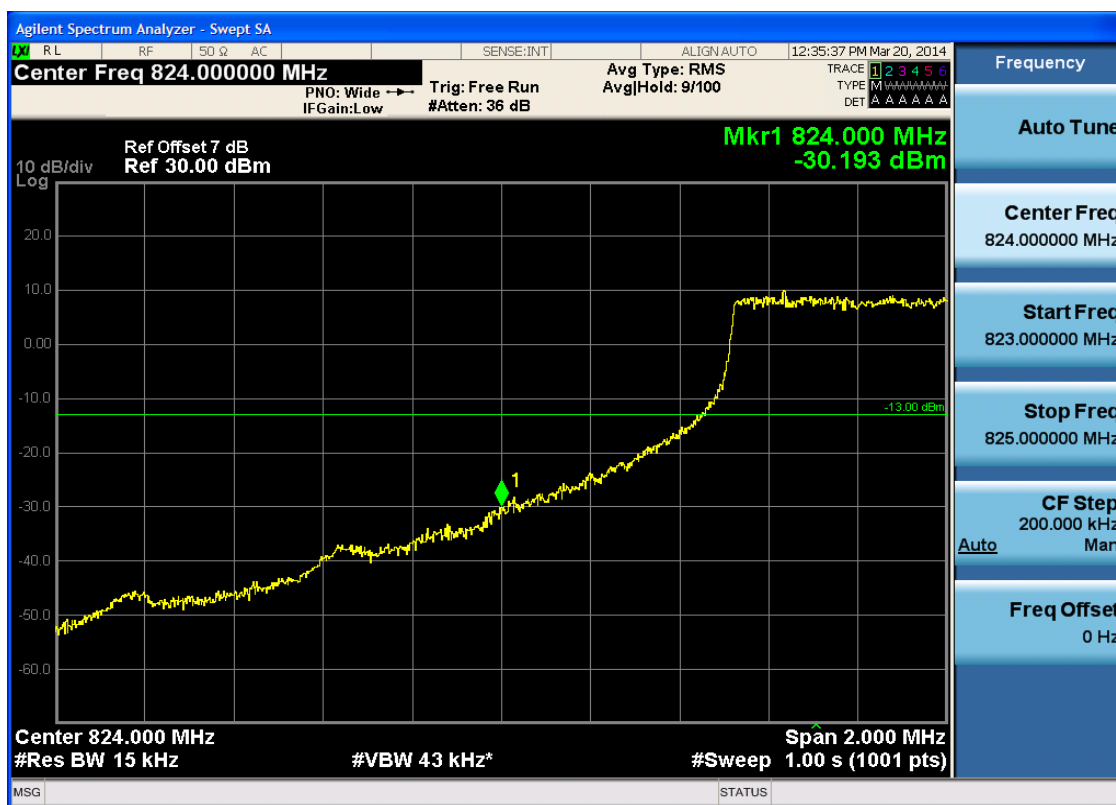


5.3.3.2.1.1.2 Test RB = RB1#5



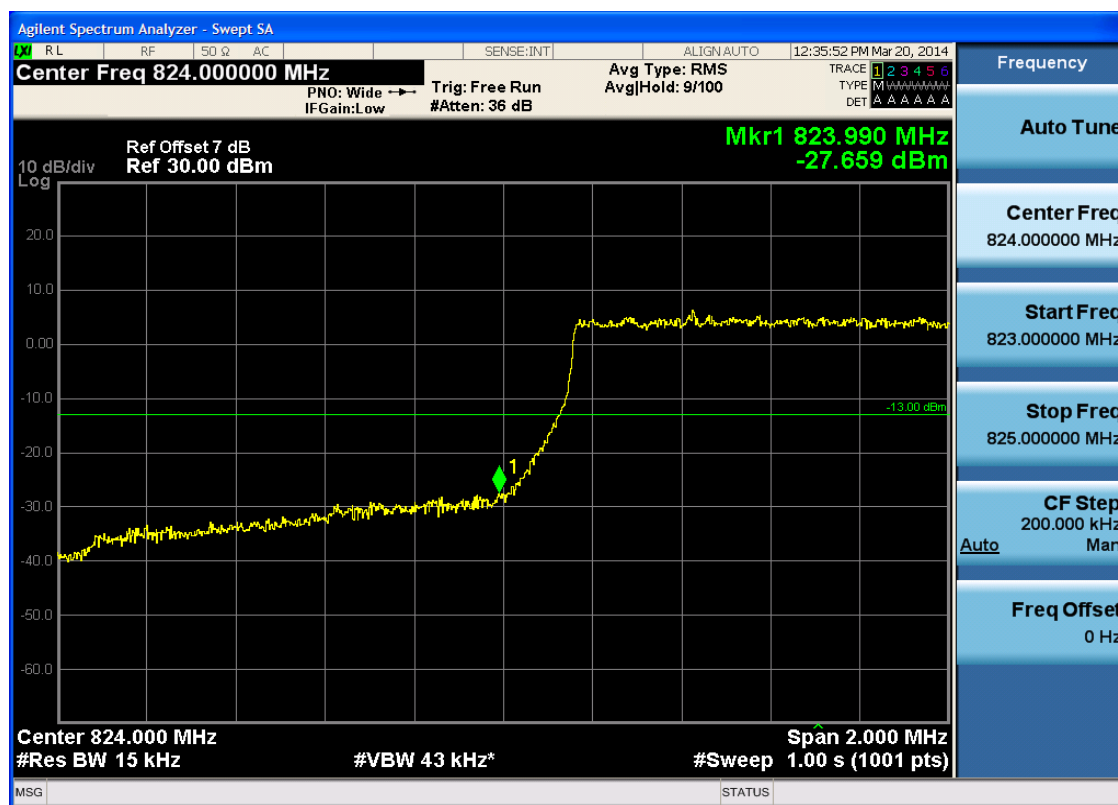


5.3.3.2.1.1.3 Test RB = RB3#2





5.3.3.2.1.1.4 Test RB = RB6#0





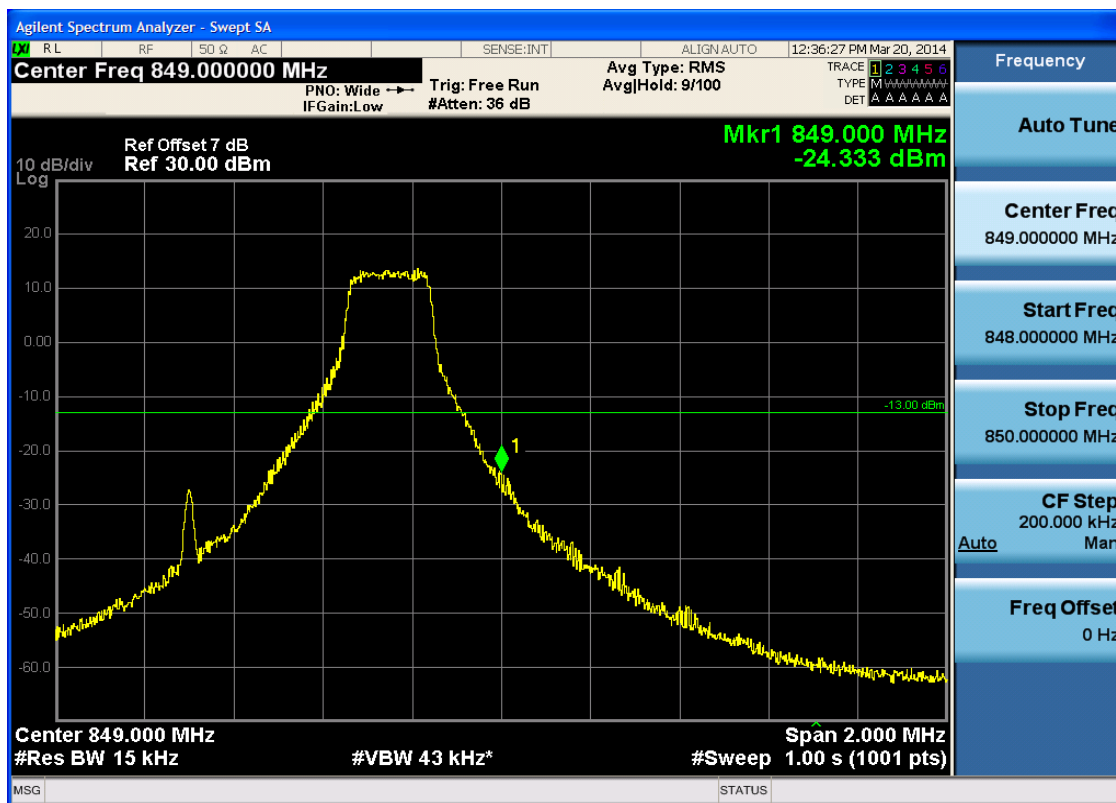
5.3.3.2.1.2 Test Channel = HCH

5.3.3.2.1.2.1 Test RB = RB1#0





5.3.3.2.1.2.2 Test RB = RB1#5





5.3.3.2.1.2.3 Test RB = RB3#2





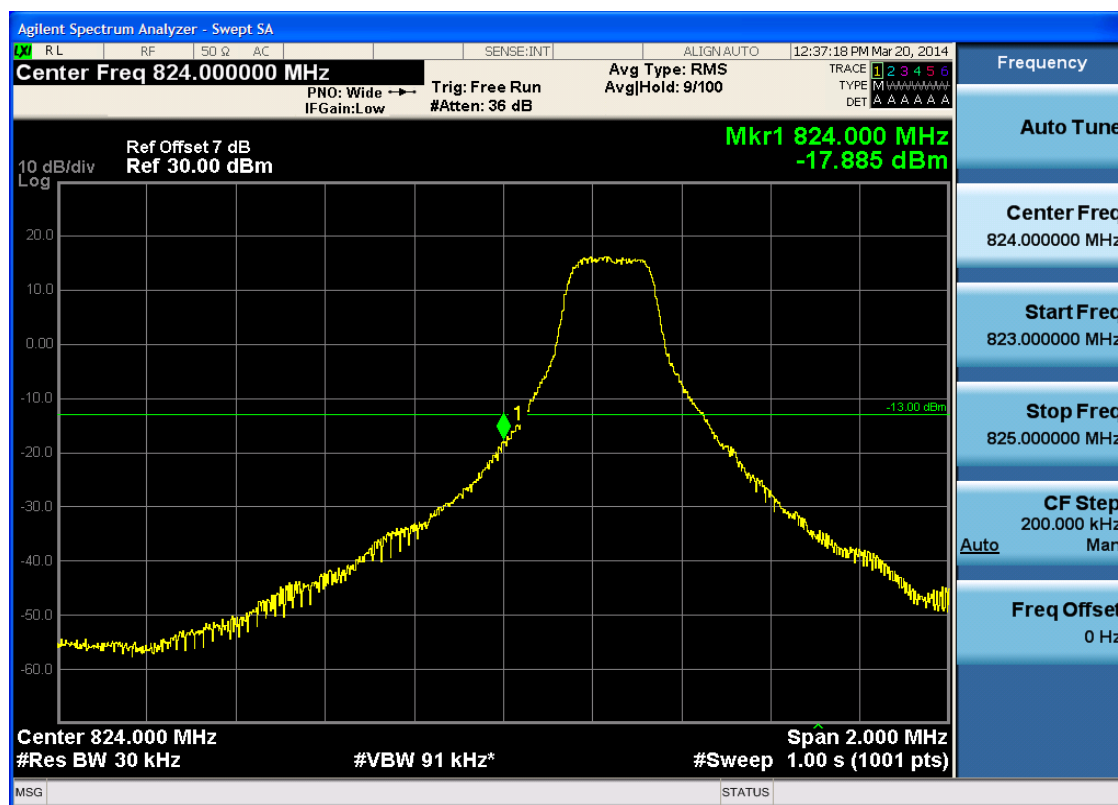
5.3.3.2.1.2.4 Test RB = RB6#0



5.3.3.2.2 Test Bandwidth = 3

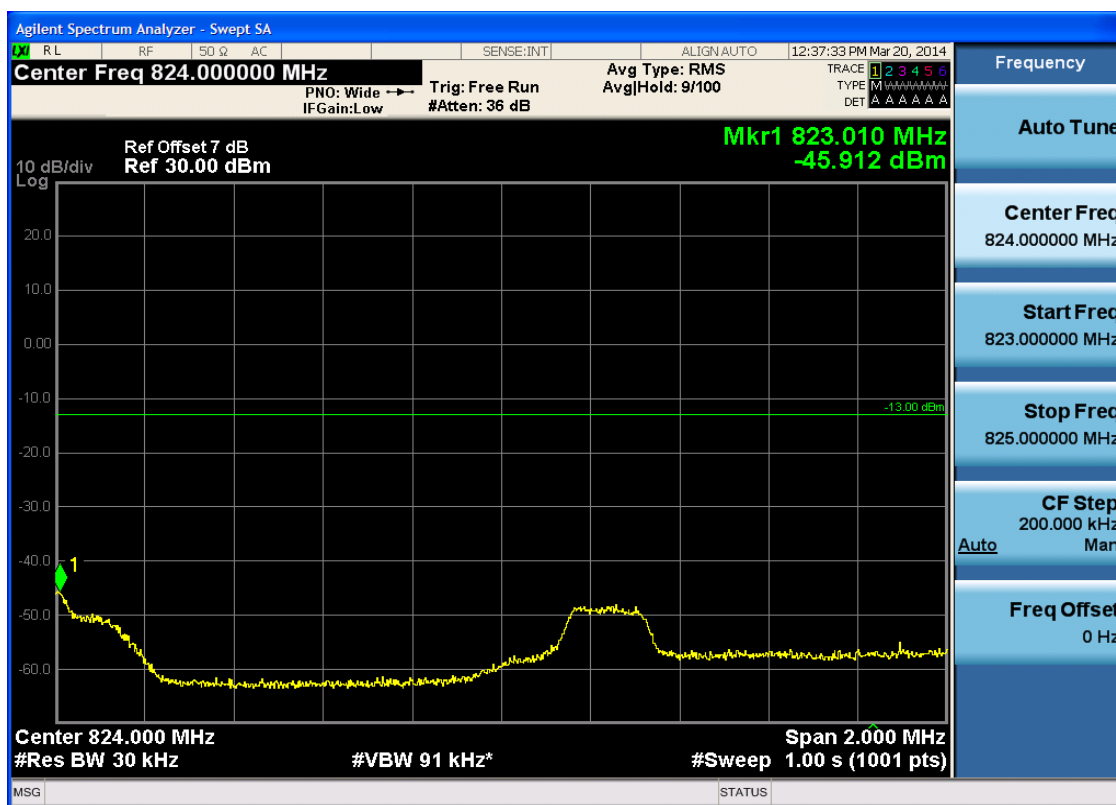
5.3.3.2.2.1 Test Channel = LCH

5.3.3.2.2.1.1 Test RB = RB1#0



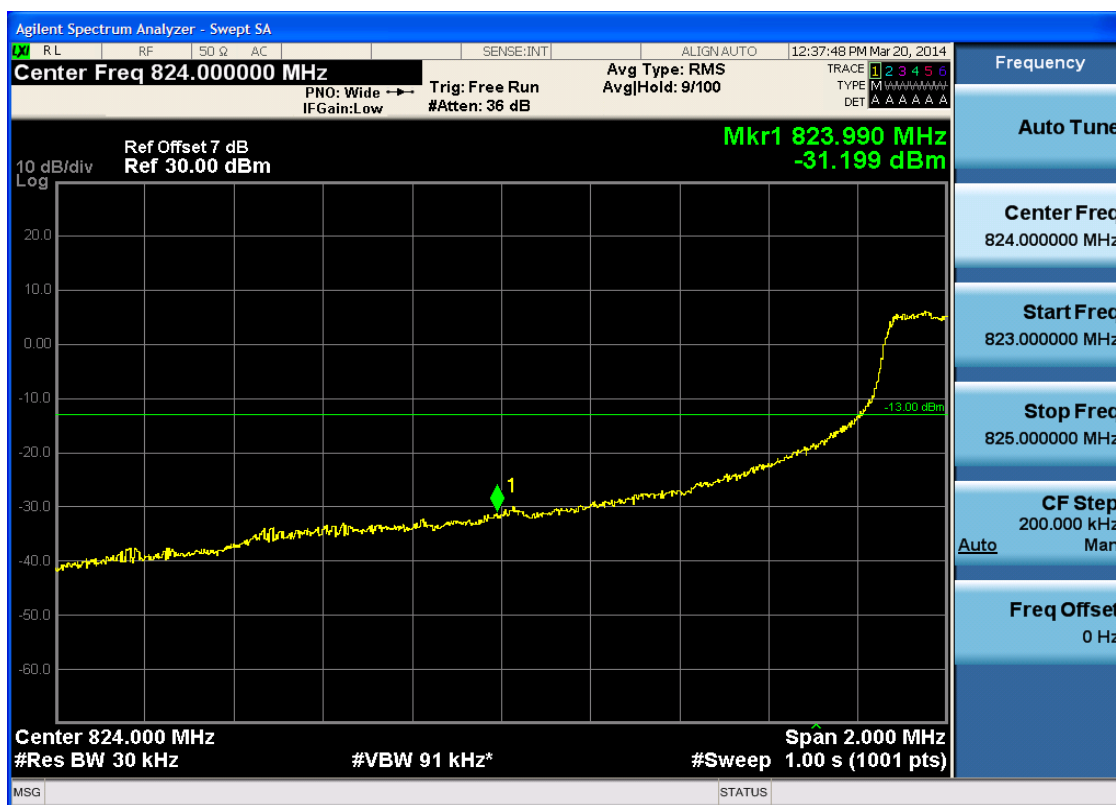


5.3.3.2.1.2 Test RB = RB1#14



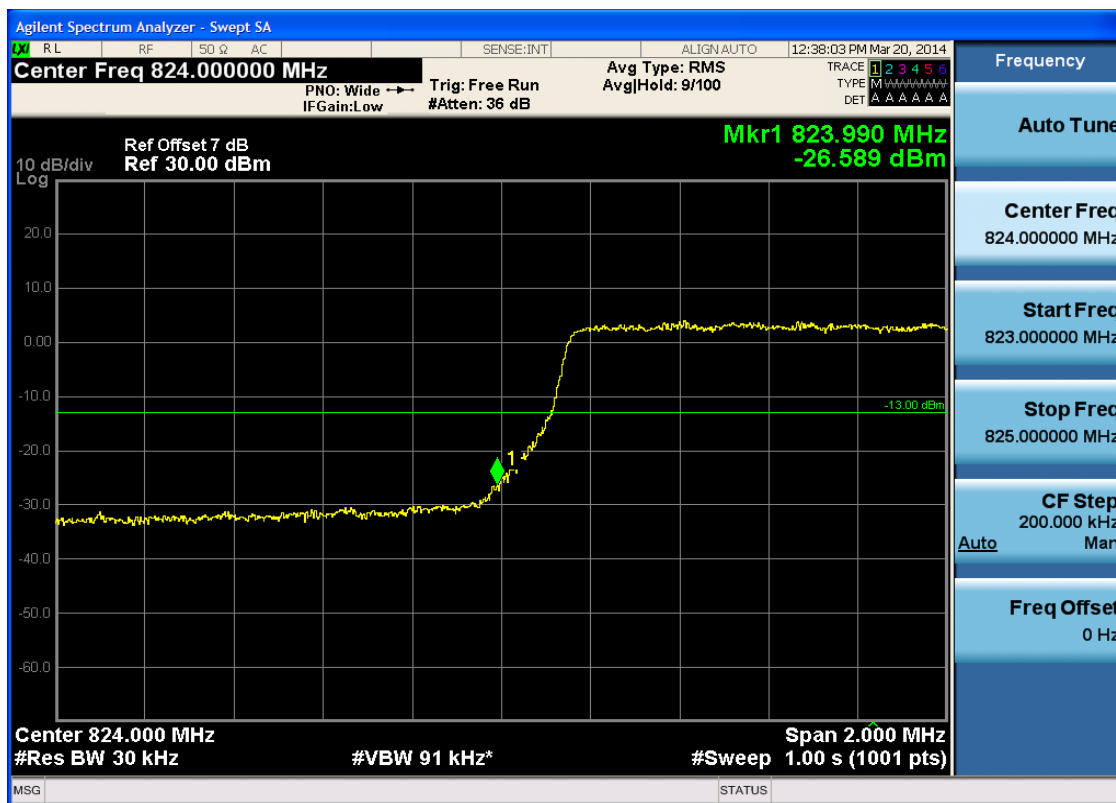


5.3.3.2.2.1.3 Test RB = RB8#4





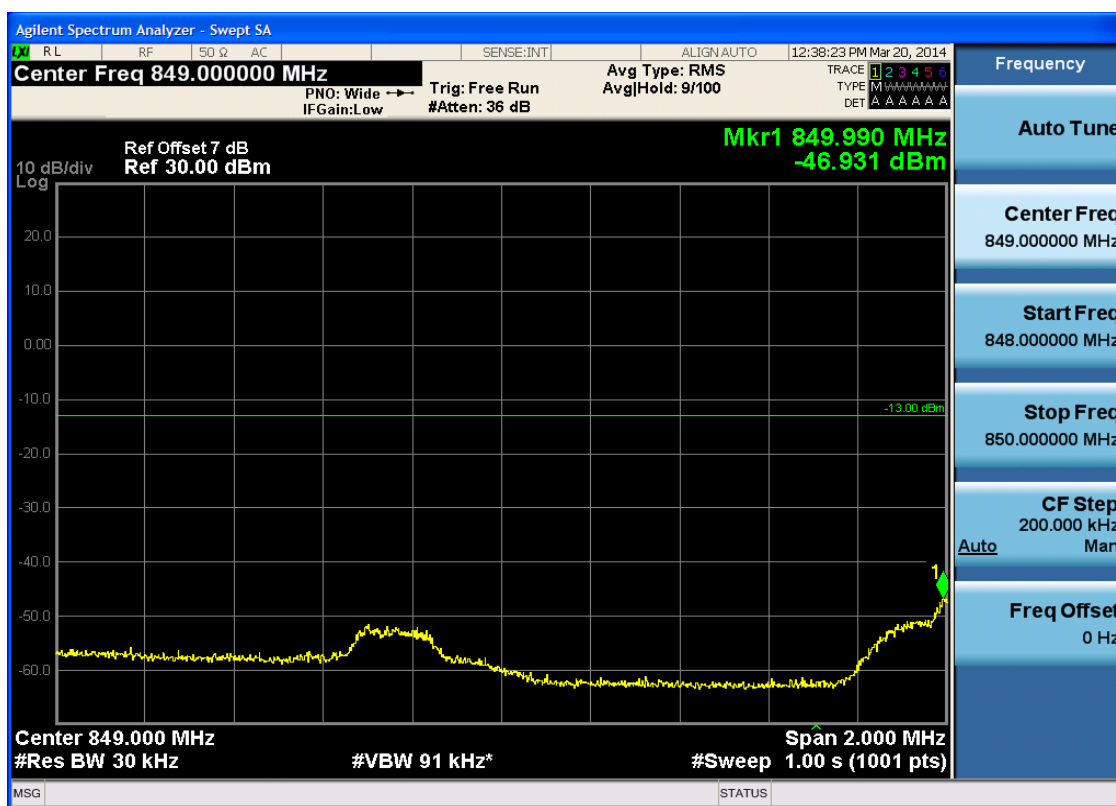
5.3.3.2.2.1.4 Test RB = RB15#0





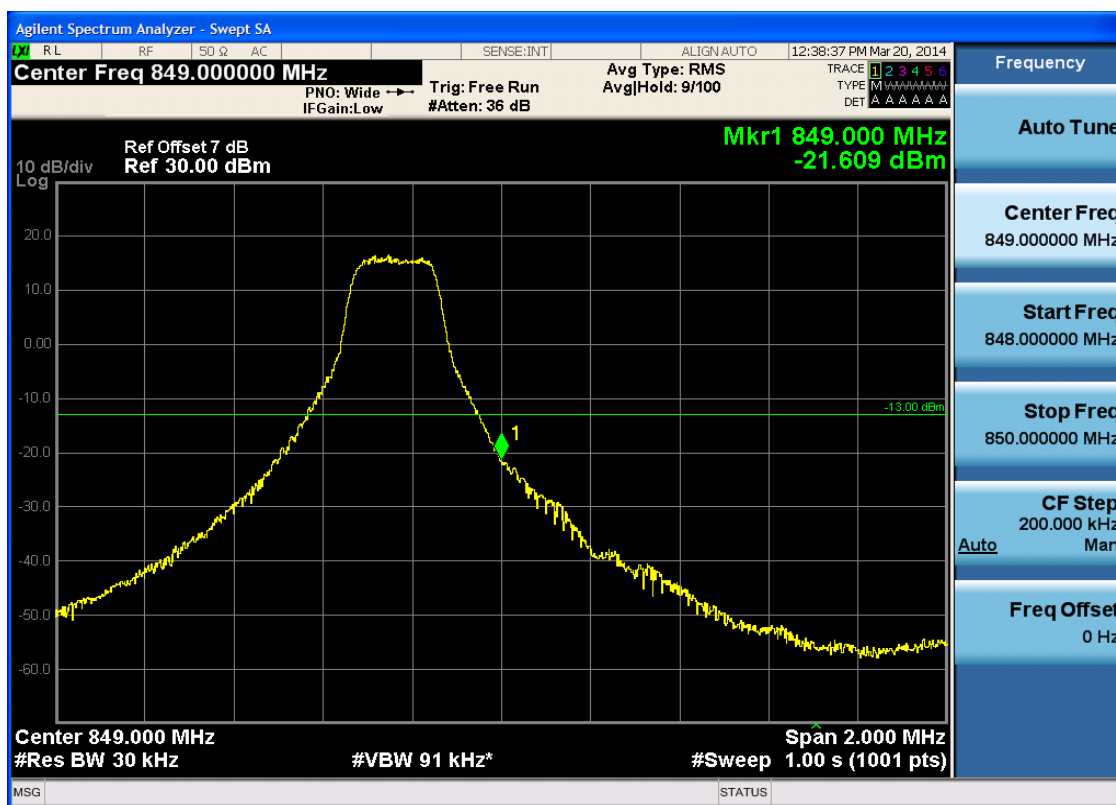
5.3.3.2.2 Test Channel = HCH

5.3.3.2.2.1 Test RB = RB1#0



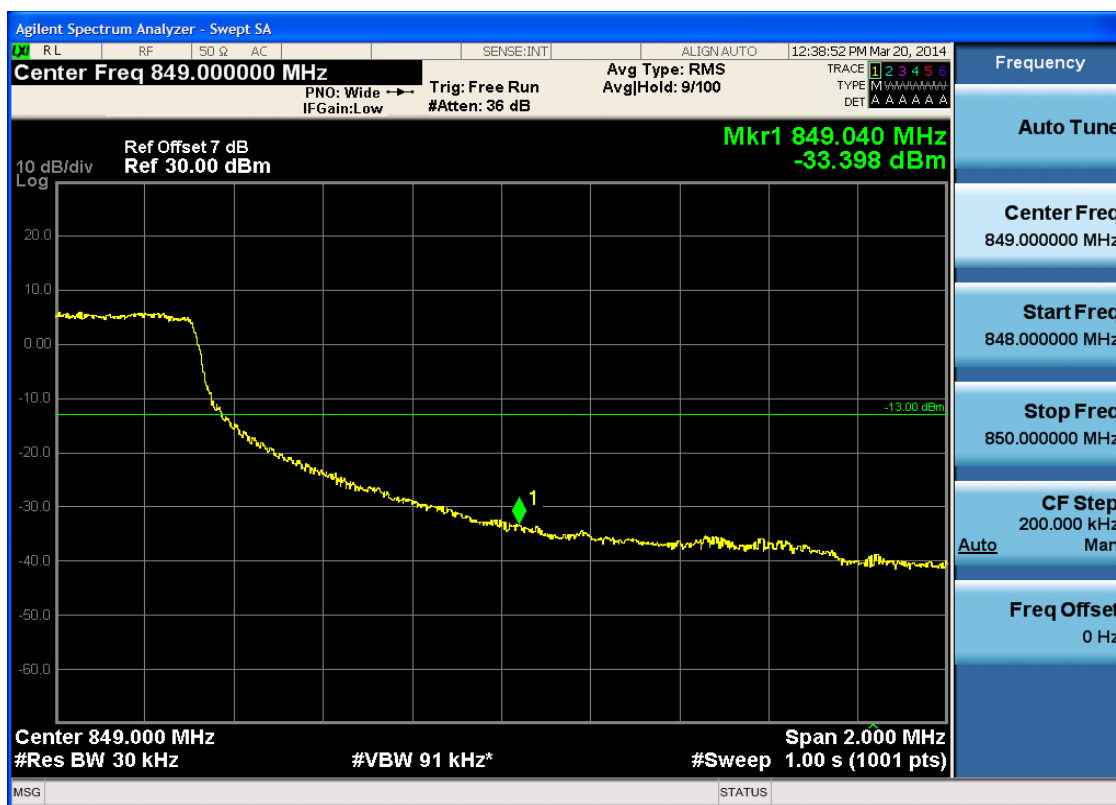


5.3.3.2.2.2 Test RB = RB1#14





5.3.3.2.2.3 Test RB = RB8#4





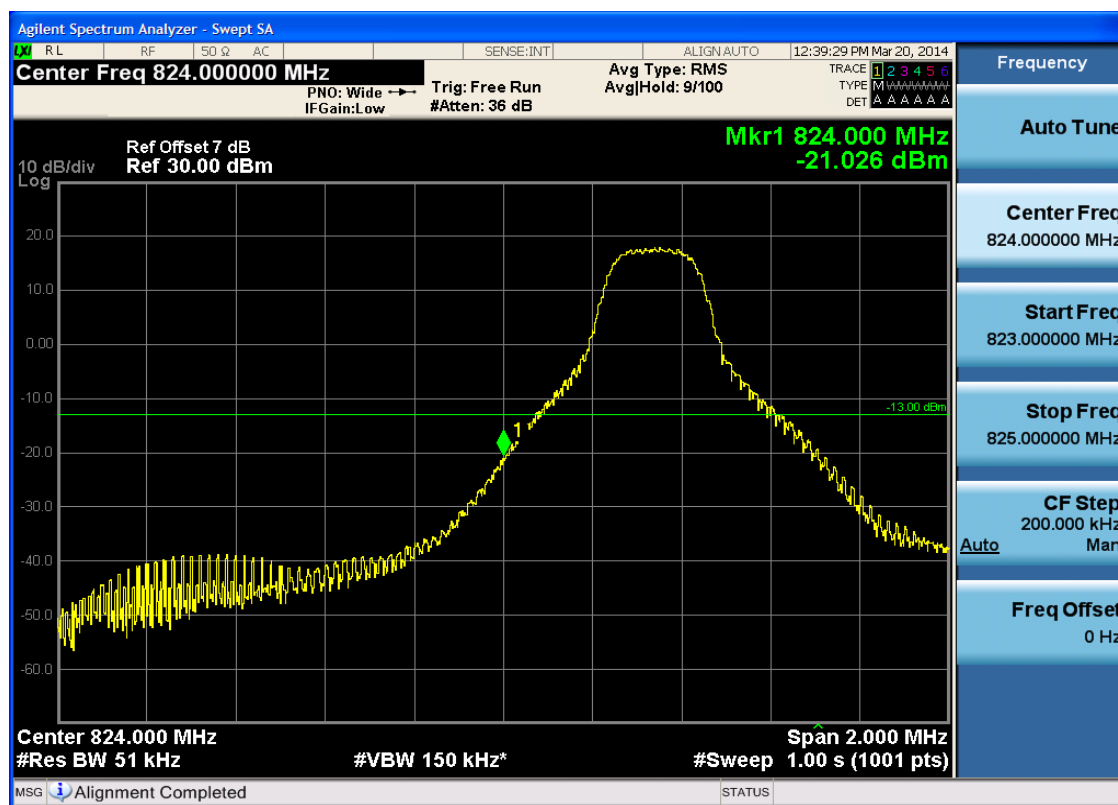
5.3.3.2.2.4 Test RB = RB15#0



5.3.3.2.3 Test Bandwidth = 5

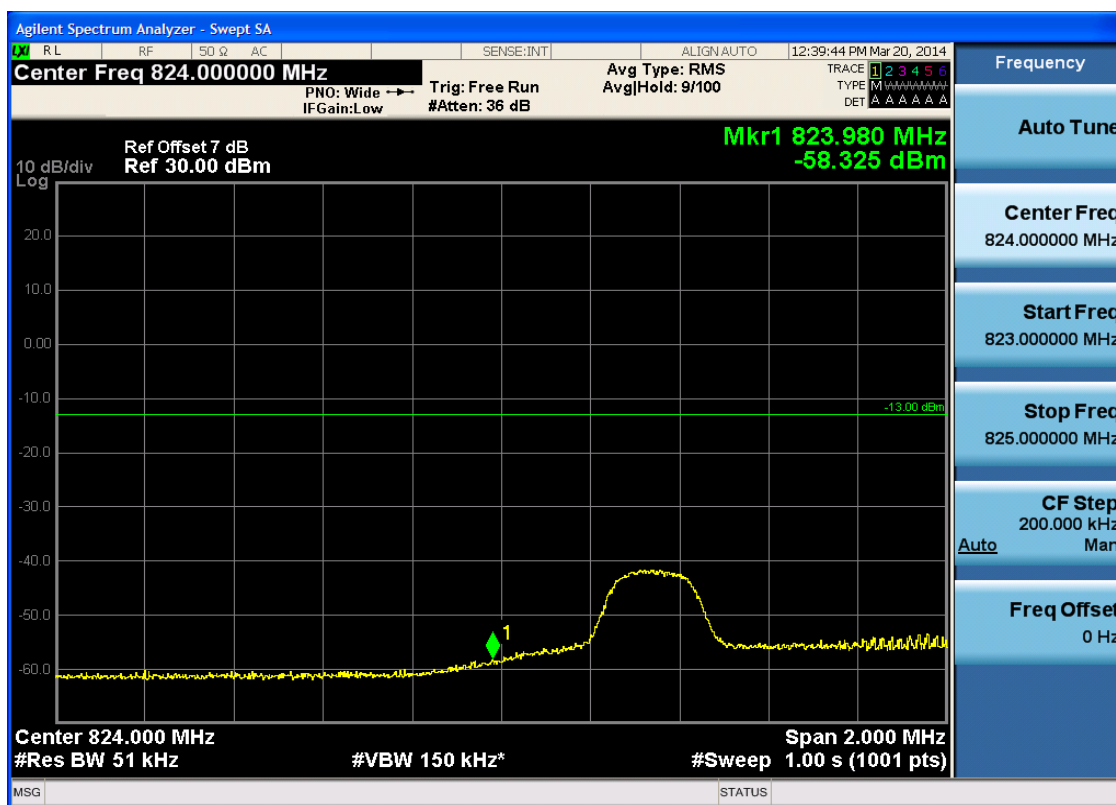
5.3.3.2.3.1 Test Channel = LCH

5.3.3.2.3.1.1 Test RB = RB1#0



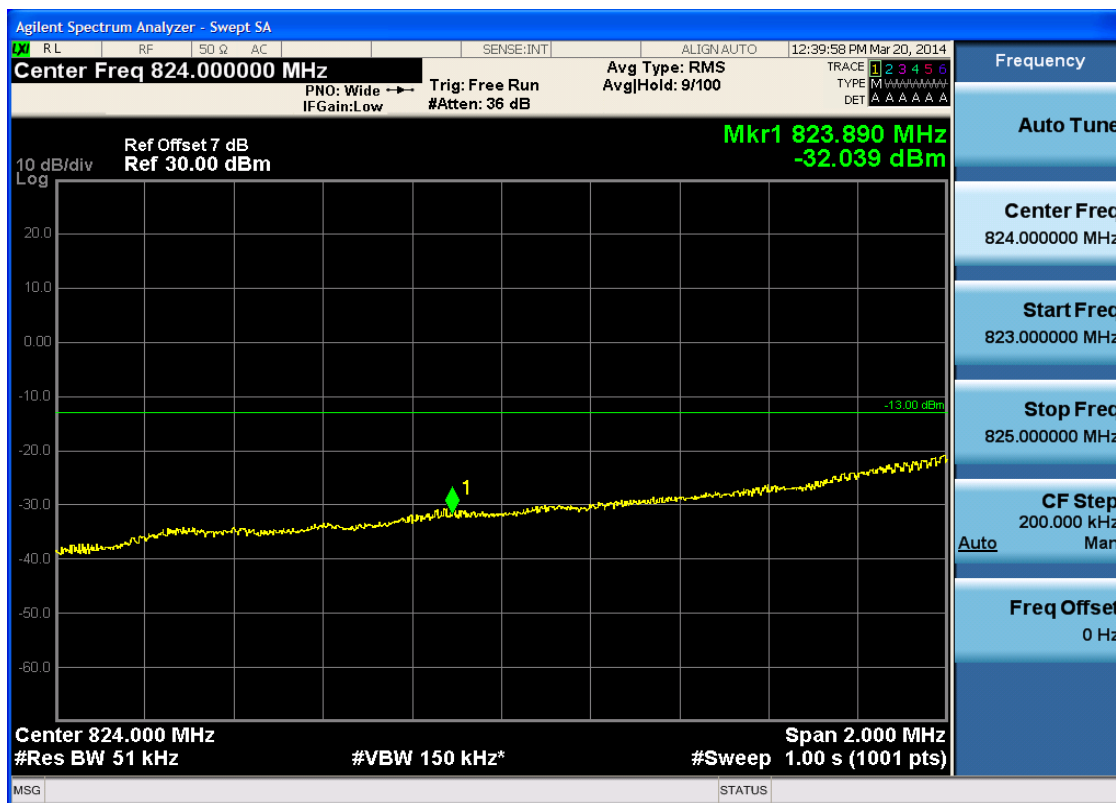


5.3.3.2.3.1.2 Test RB = RB1#24



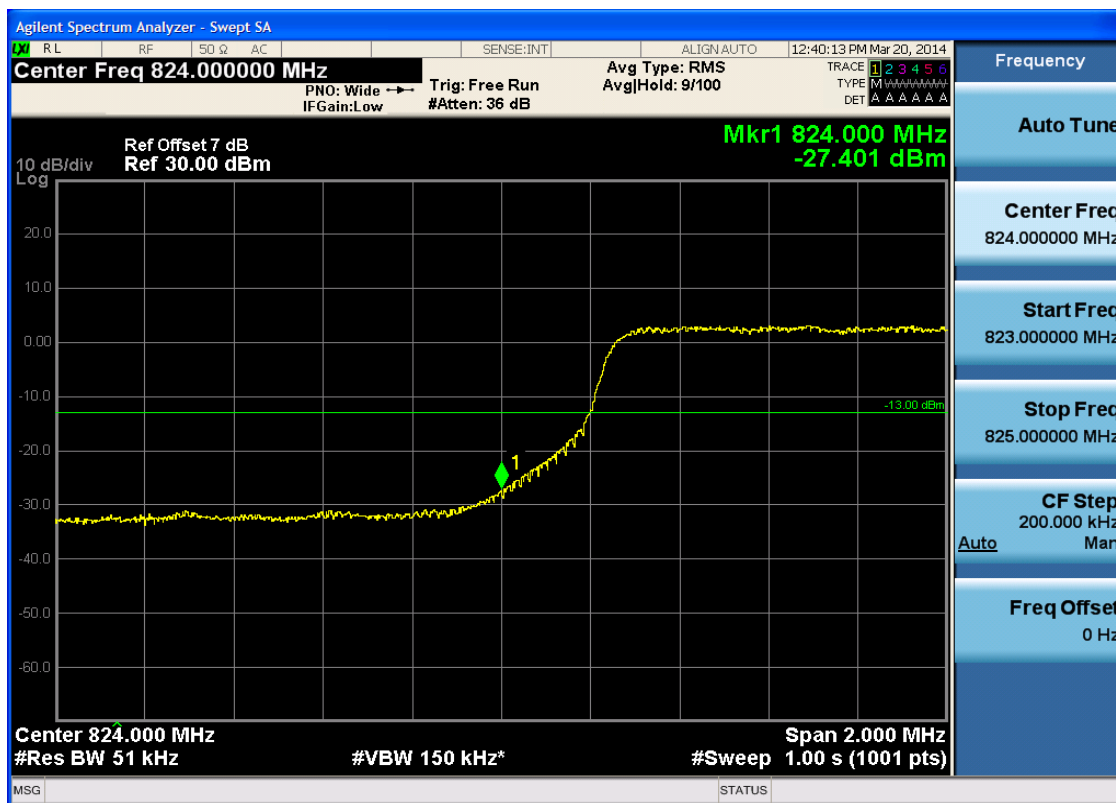


5.3.3.2.3.1.3 Test RB = RB12#6





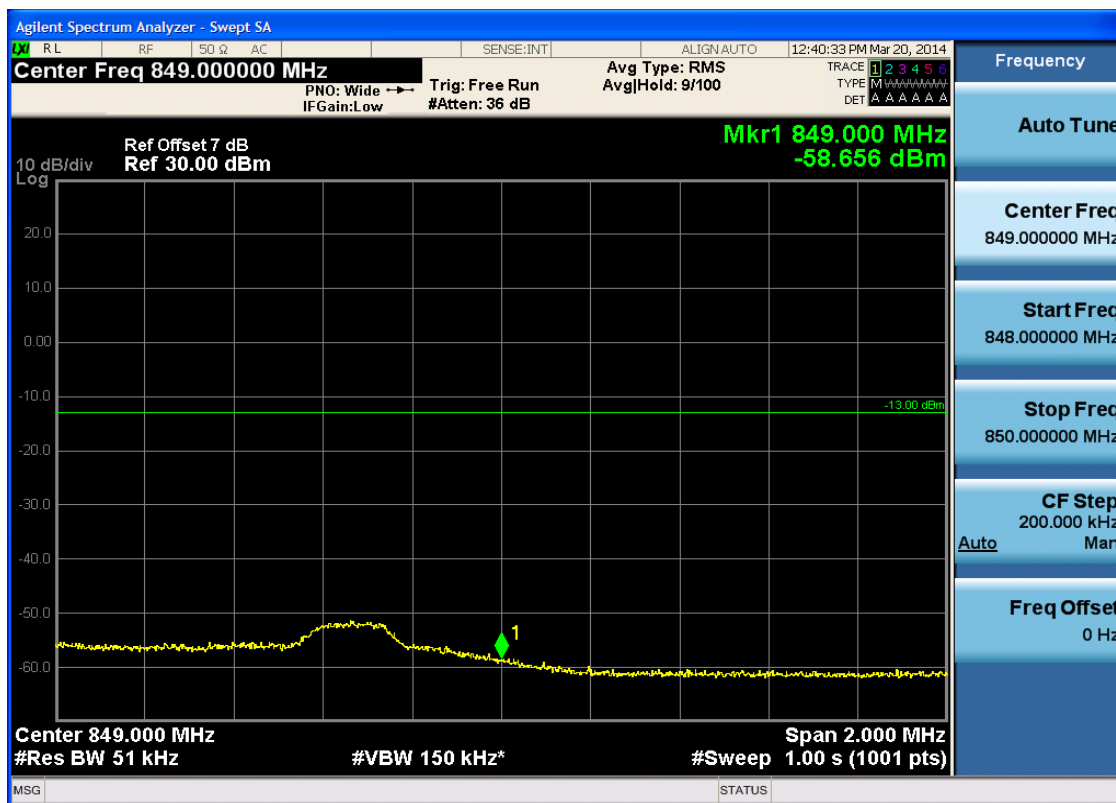
5.3.3.2.3.1.4 Test RB = RB25#0





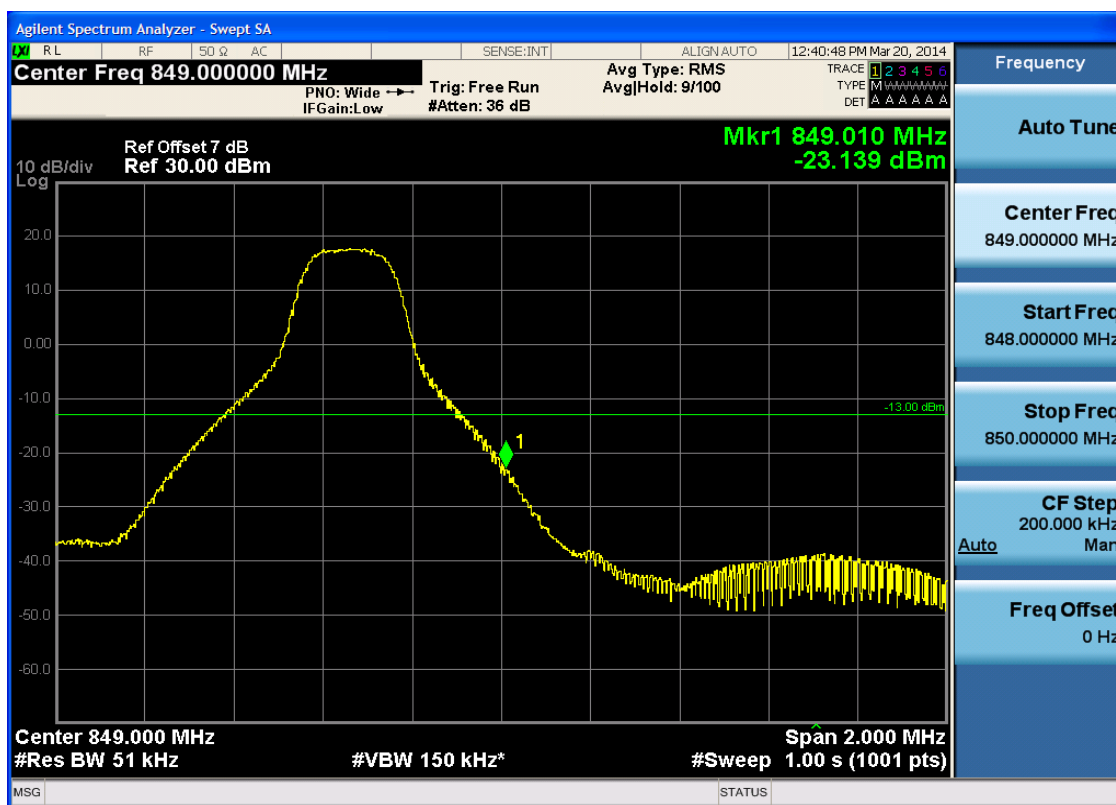
5.3.3.2.3.2 Test Channel = HCH

5.3.3.2.3.2.1 Test RB = RB1#0



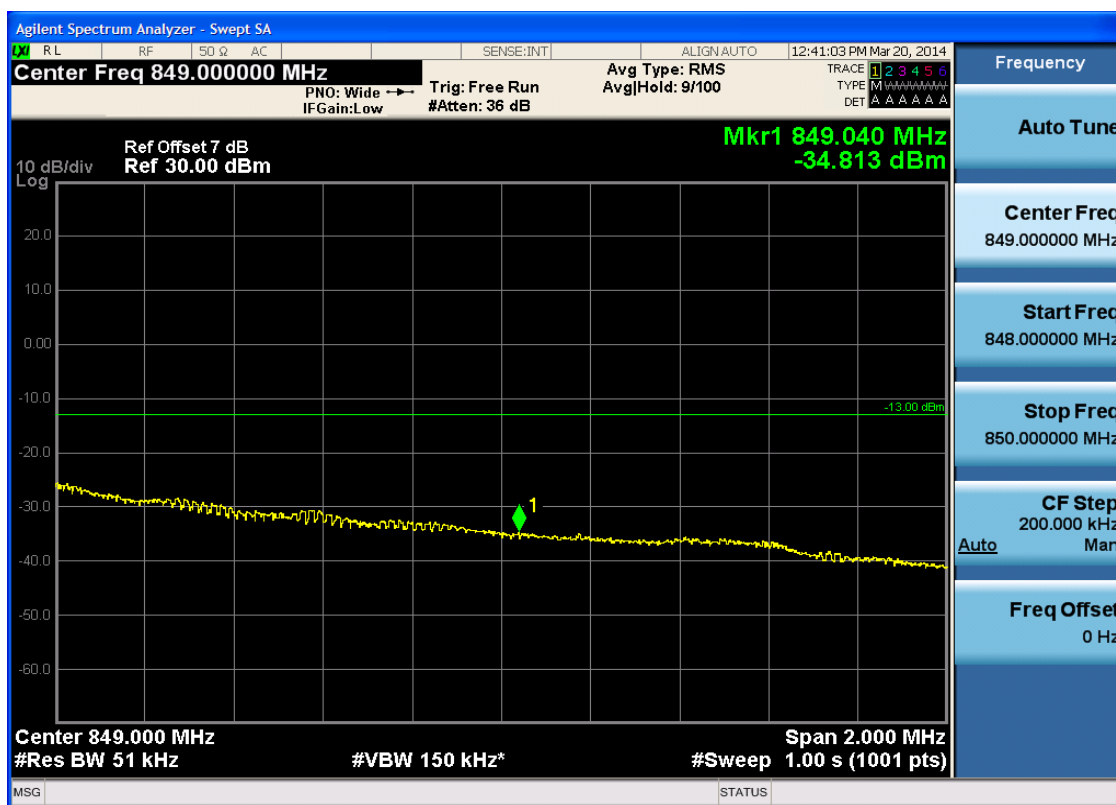


5.3.3.2.3.2.2 Test RB = RB1#24





5.3.3.2.3.3 Test RB = RB12#6





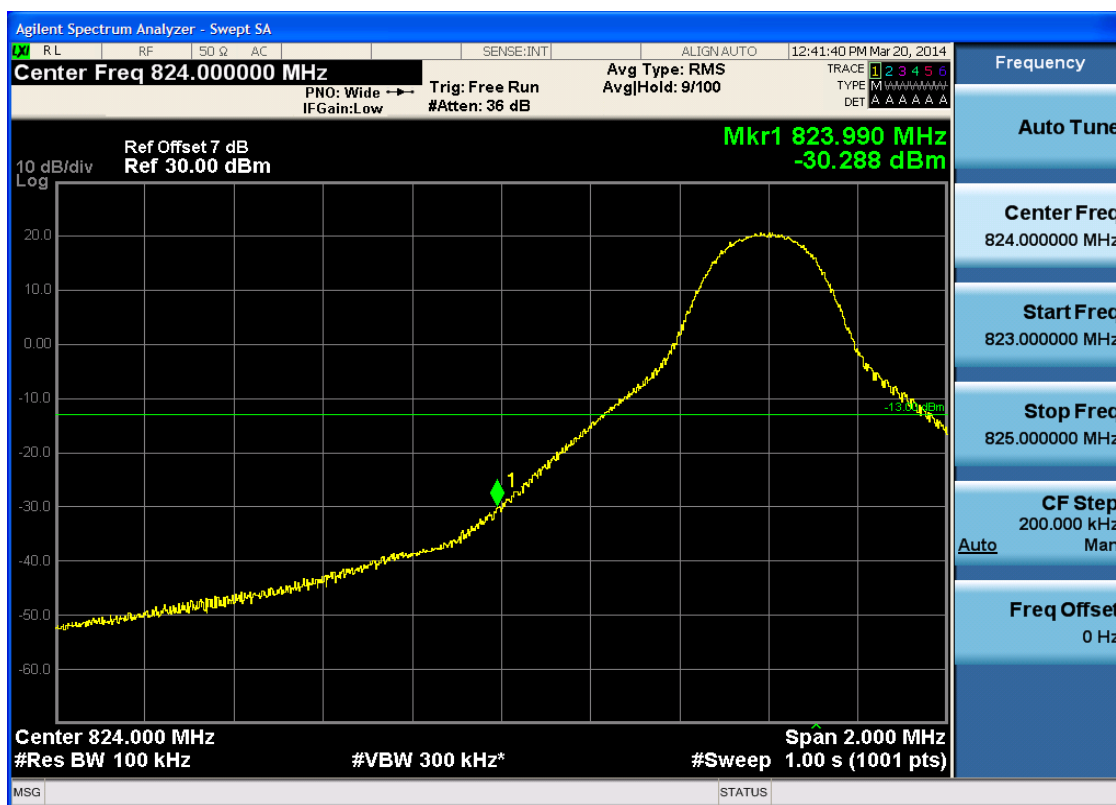
5.3.3.2.3.2.4 Test RB = RB25#0



5.3.3.2.4 Test Bandwidth = 10

5.3.3.2.4.1 Test Channel = LCH

5.3.3.2.4.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

PNO: Wide → Trig: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB Avg|Hold: 9/100

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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 823.950 MHz
-55.363 dBm

The spectrum analyzer displays a frequency range from approximately 823.5 MHz to 824.5 MHz. The vertical axis represents power in dBm, ranging from -60.0 to 20.0. A horizontal reference line is set at -13.00 dBm. A yellow trace shows a noisy baseline around -60 dBm until approximately 823.8 MHz, where it begins to rise. A green diamond marker labeled '1' is placed on the rising portion of the trace at 823.950 MHz, indicating a measured power level of -55.363 dBm. The trace continues to rise, forming a broad peak centered around 824.0 MHz, before falling back towards the noise floor.

10 dB/div
Log

Center 824.000 MHz
#Res BW 100 kHz #VBW 300 kHz*

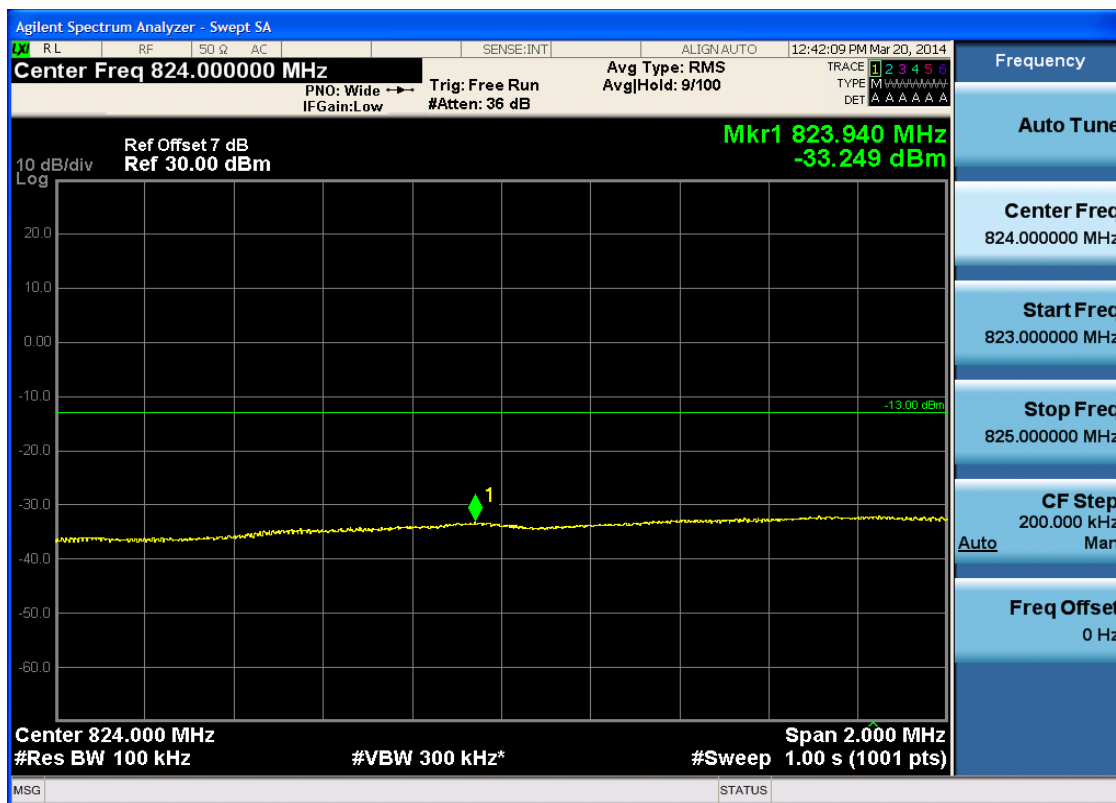
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq 824.000000 MHz
Start Freq 823.000000 MHz
Stop Freq 825.000000 MHz
CF Step 200.000 kHz <u>Auto</u> Man
Freq Offset 0 Hz

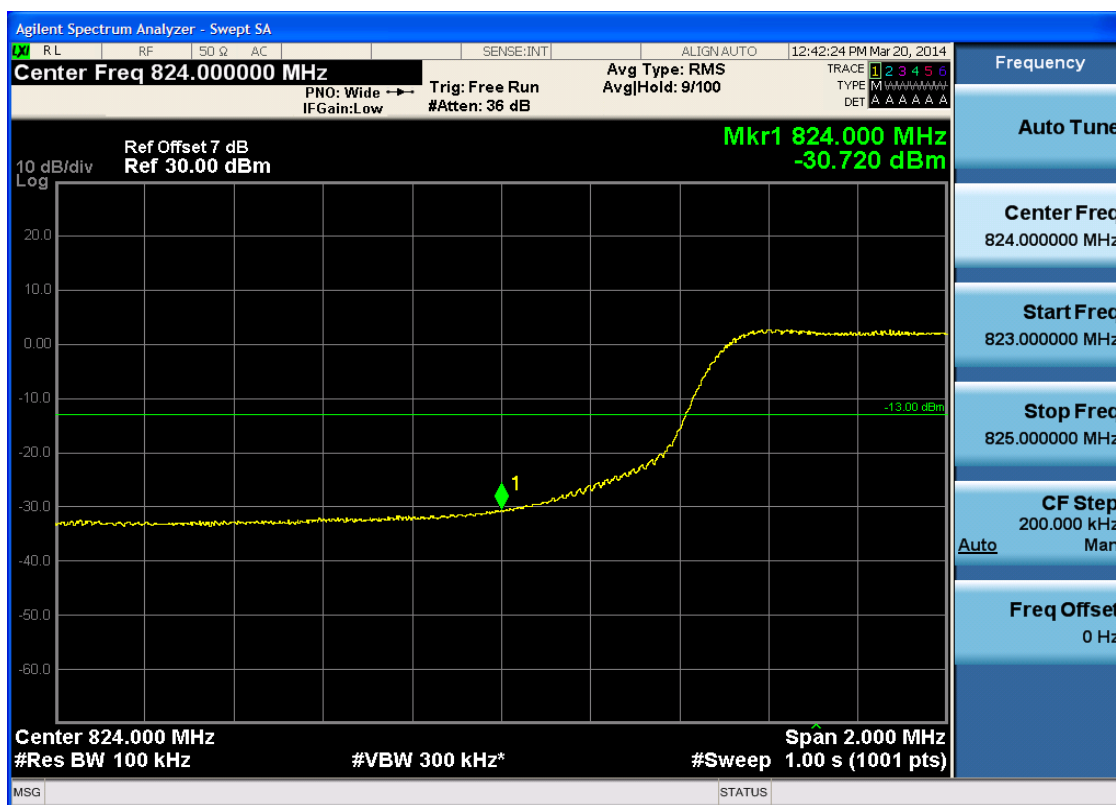


5.3.3.2.4.1.3 Test RB = RB25#13





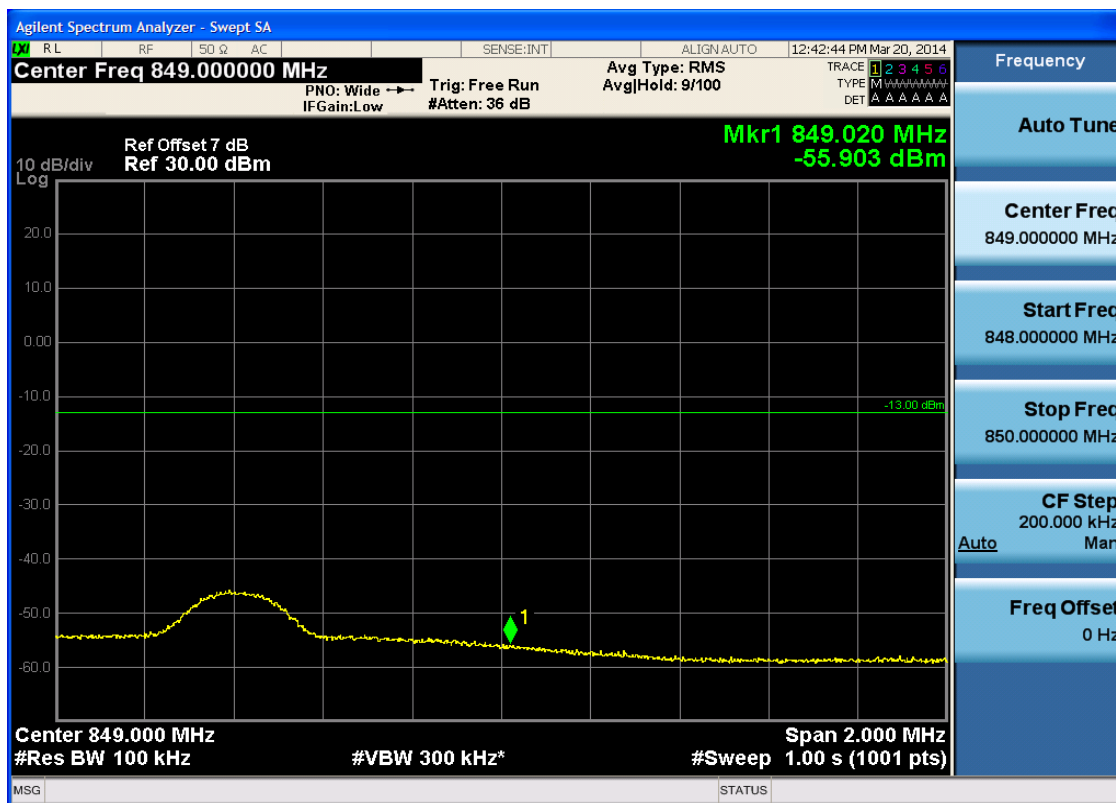
5.3.3.2.4.1.4 Test RB = RB50#0





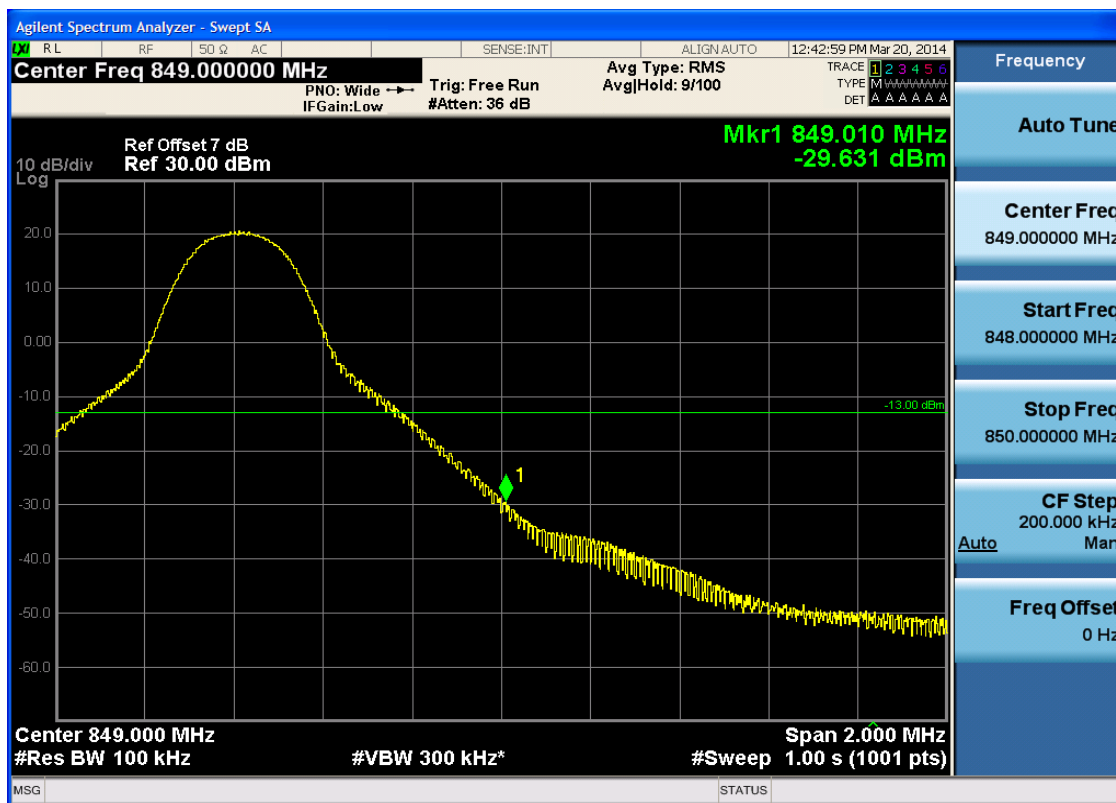
5.3.3.2.4.2 Test Channel = HCH

5.3.3.2.4.2.1 Test RB = RB1#0



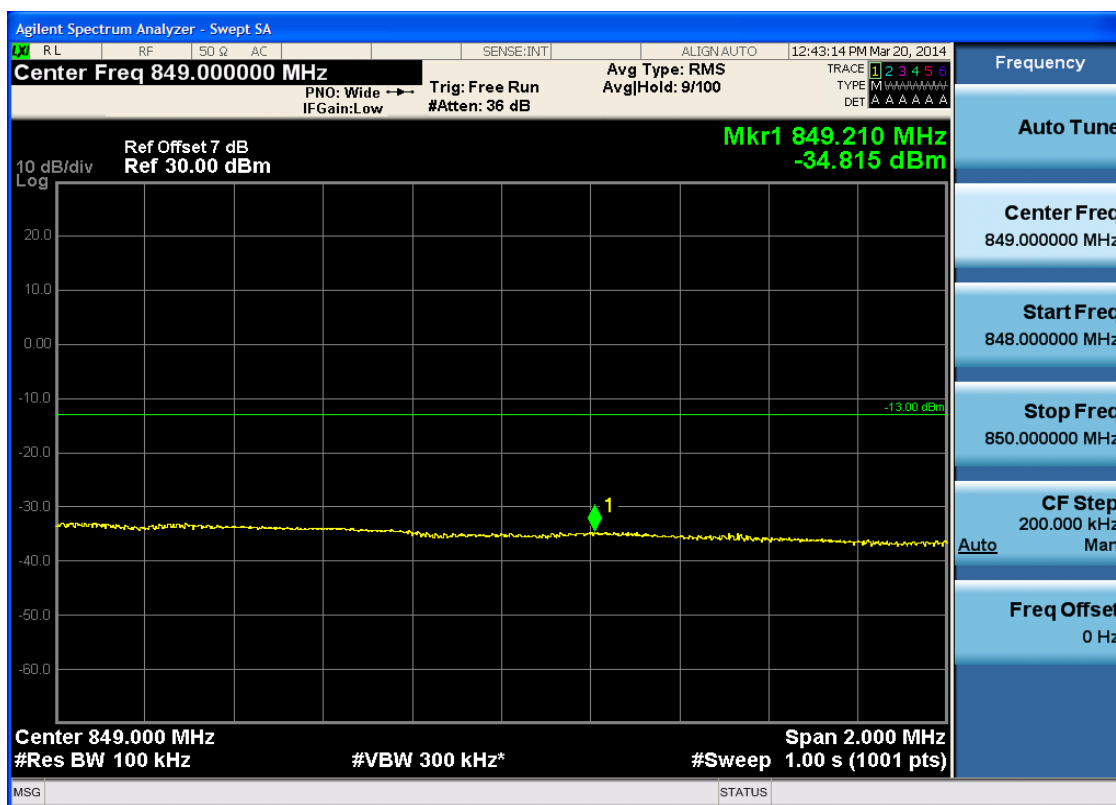


5.3.3.2.4.2.2 Test RB = RB1#49





5.3.3.2.4.2.3 Test RB = RB25#13





5.3.3.2.4.2.4 Test RB = RB50#0

