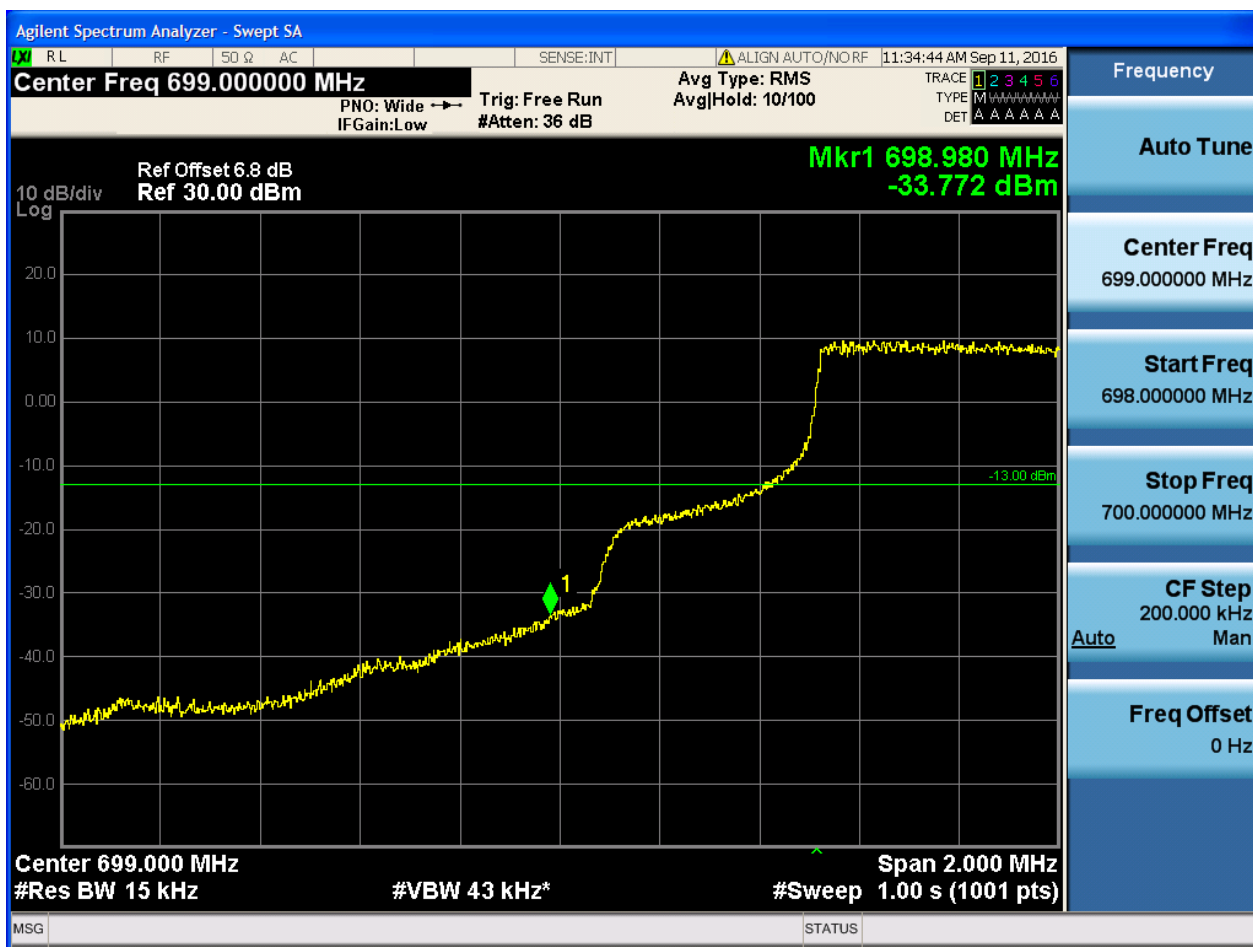


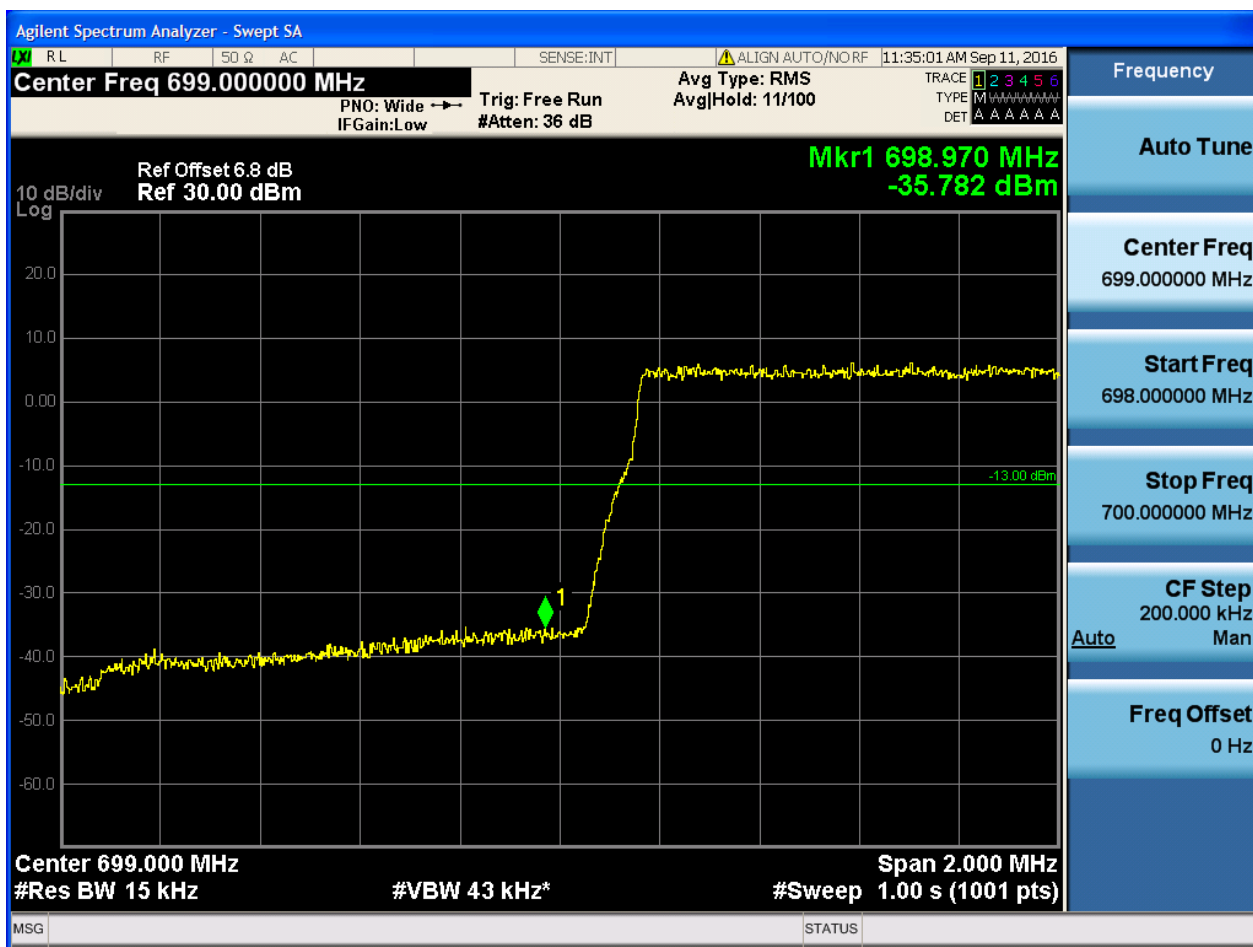


5.1.5.1.1.1.3 Test RB = RB3#2





5.1.5.1.1.1.4 Test RB = RB6#0



5.1.5.1.1.2 Test Channel = HCH

5.1.5.1.1.2.1 Test RB = RB1#0





5.1.5.1.1.2.2 Test RB = RB1#5



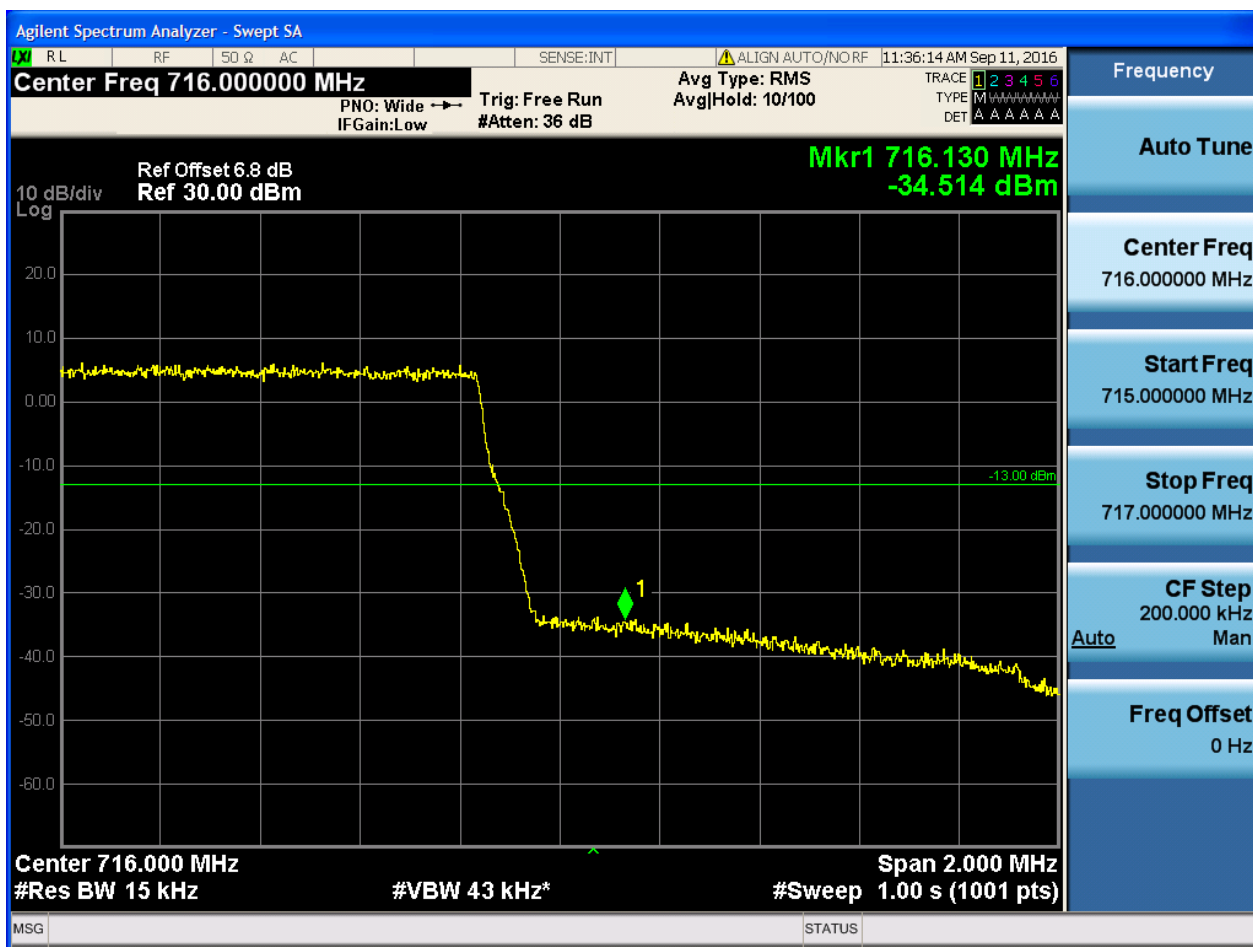


5.1.5.1.1.2.3 Test RB = RB3#2





5.1.5.1.1.2.4 Test RB = RB6#0

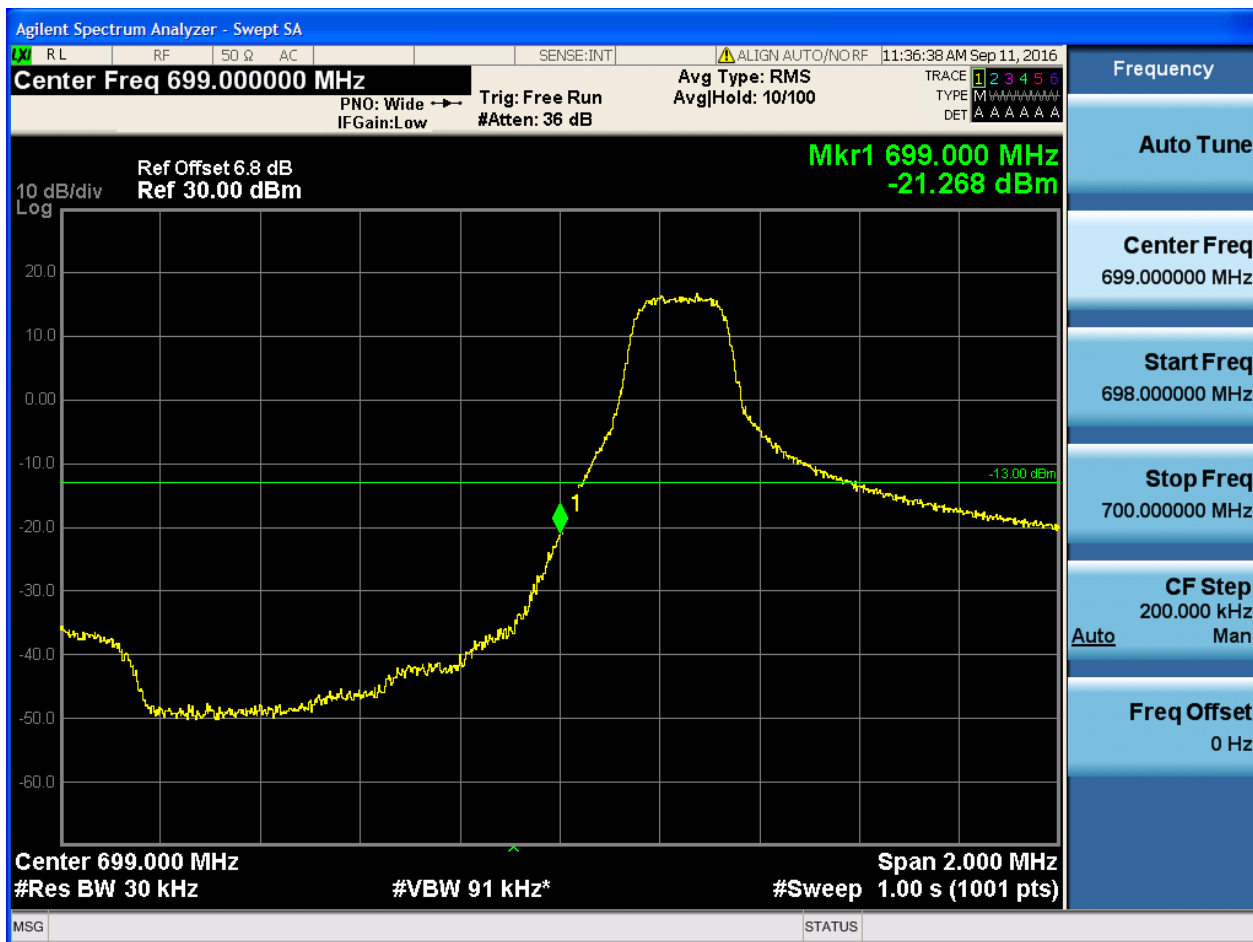




5.1.5.1.2 Test Bandwidth = 3

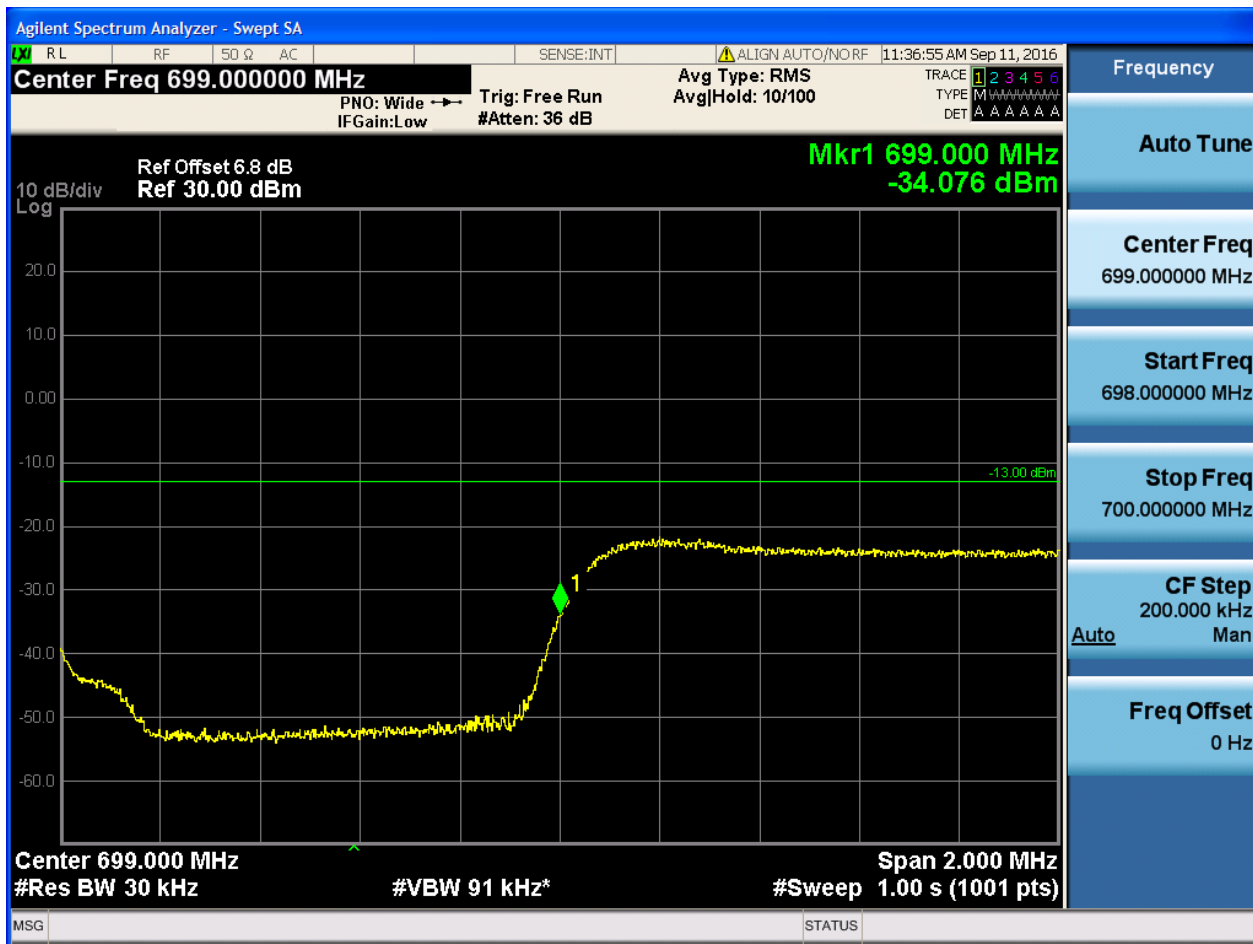
5.1.5.1.2.1 Test Channel = LCH

5.1.5.1.2.1.1 Test RB = RB1#0



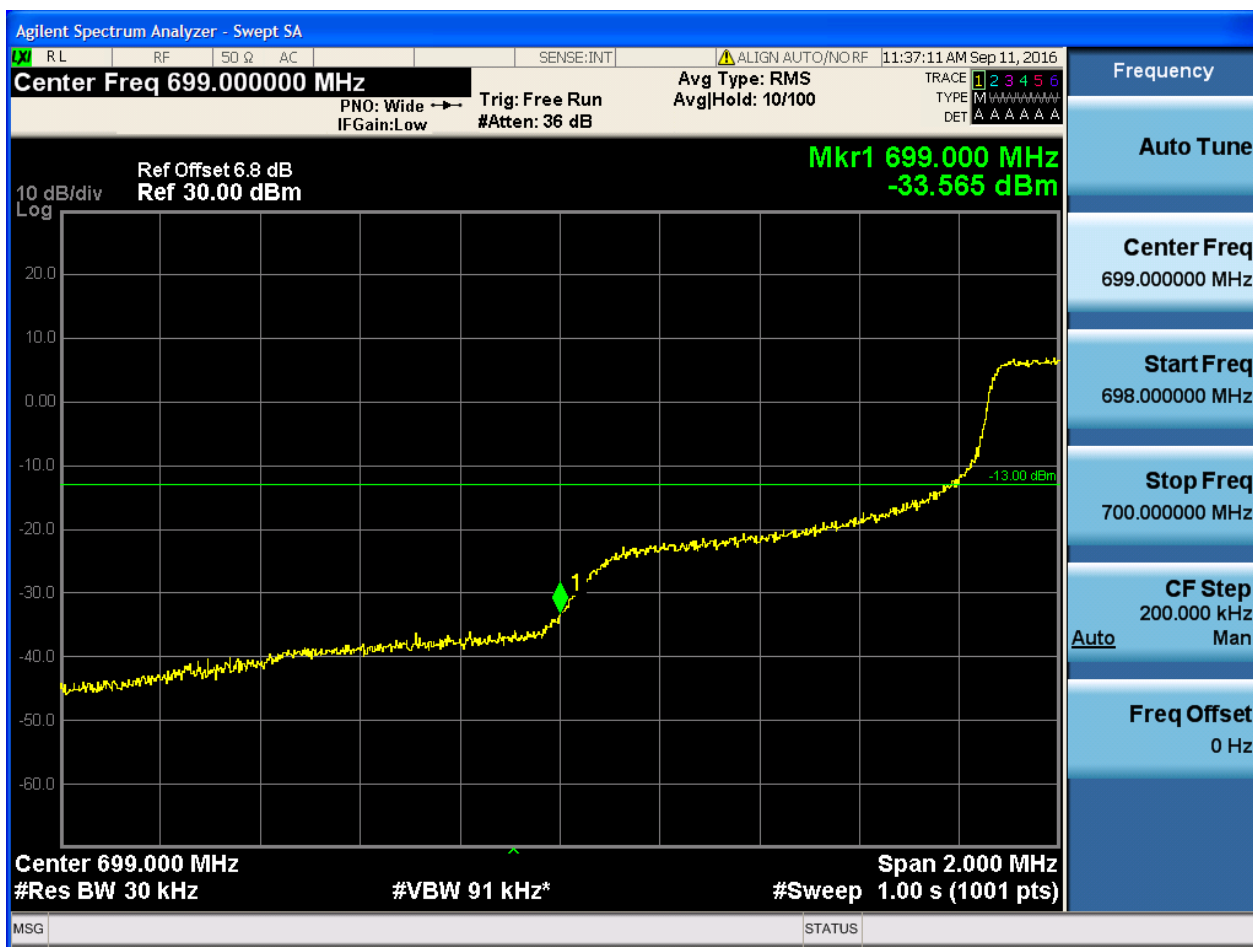


5.1.5.1.2.1.2 Test RB = RB1#14



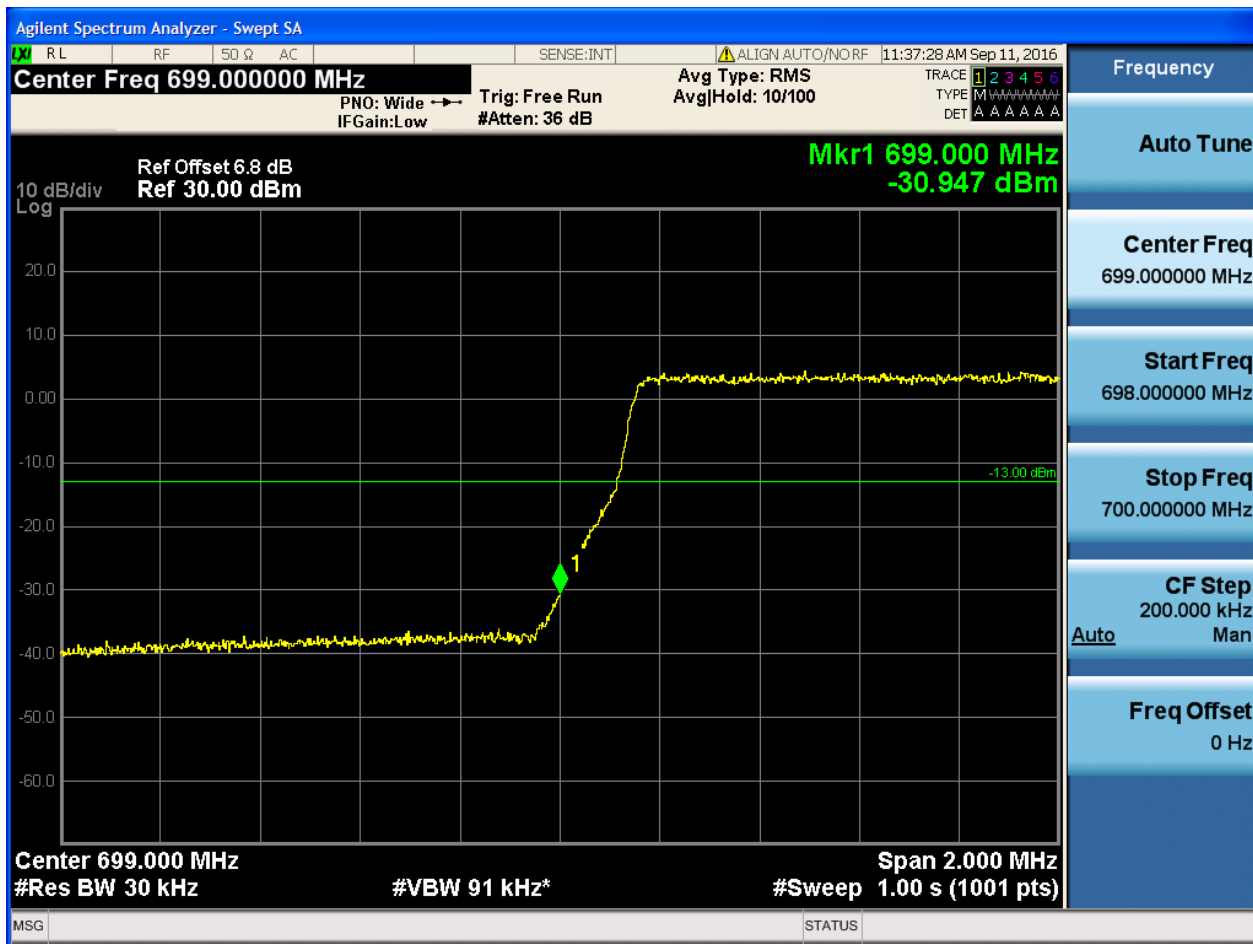


5.1.5.1.2.1.3 Test RB = RB8#4





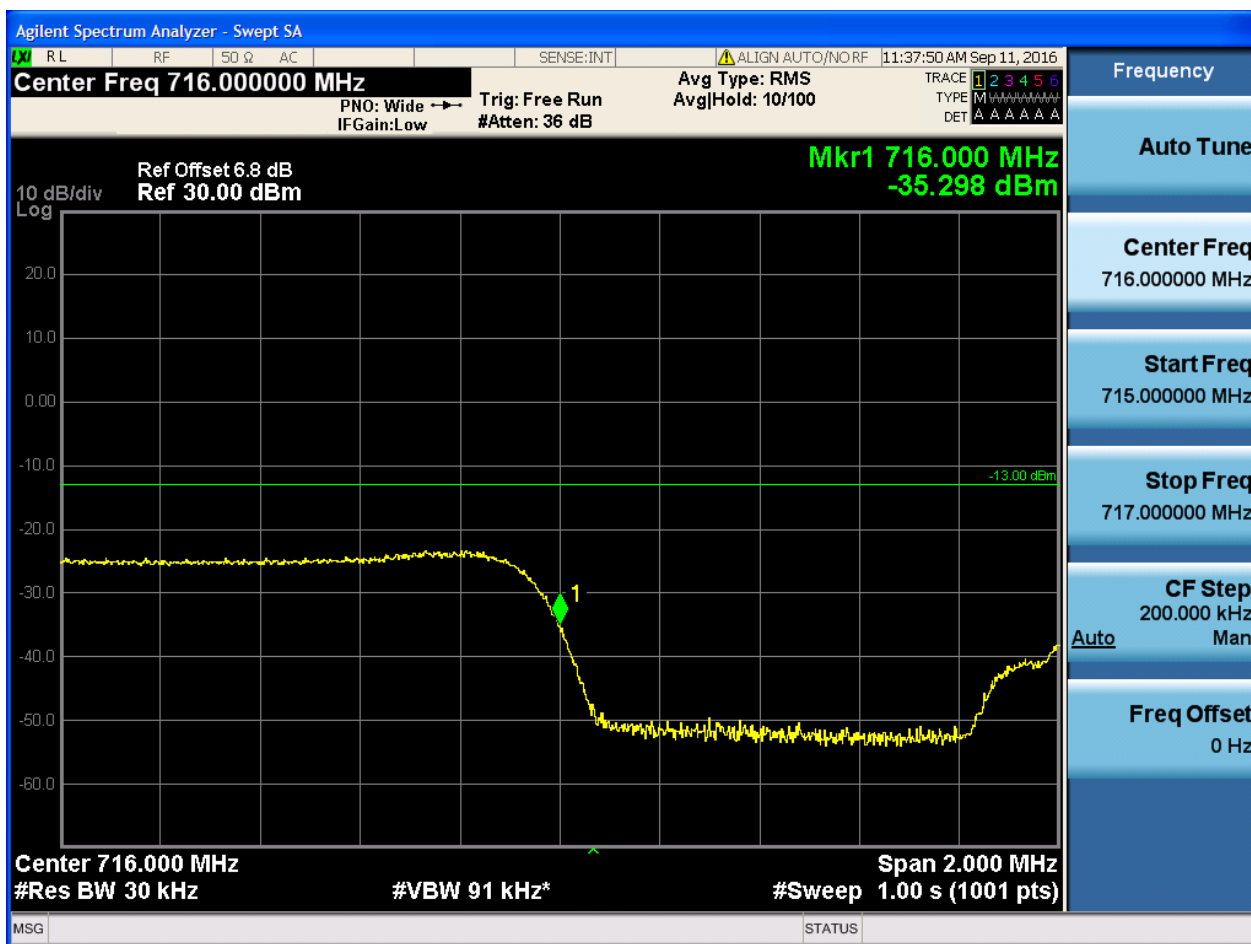
5.1.5.1.2.1.4 Test RB = RB15#0





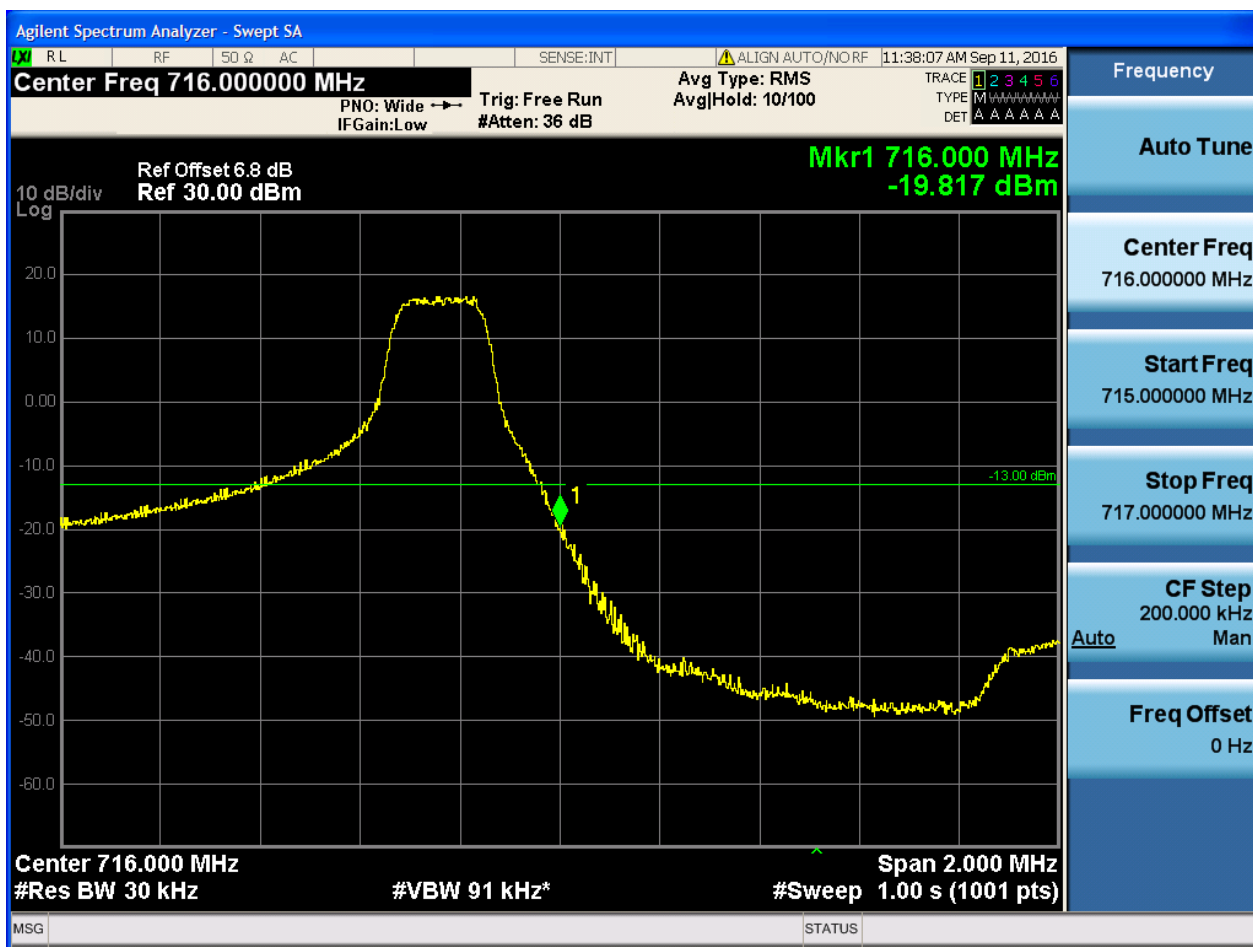
5.1.5.1.2.2 Test Channel = HCH

5.1.5.1.2.2.1 Test RB = RB1#0





5.1.5.1.2.2.2 Test RB = RB1#14





5.1.5.1.2.2.3 Test RB = RB8#4





5.1.5.1.2.2.4 Test RB = RB15#0

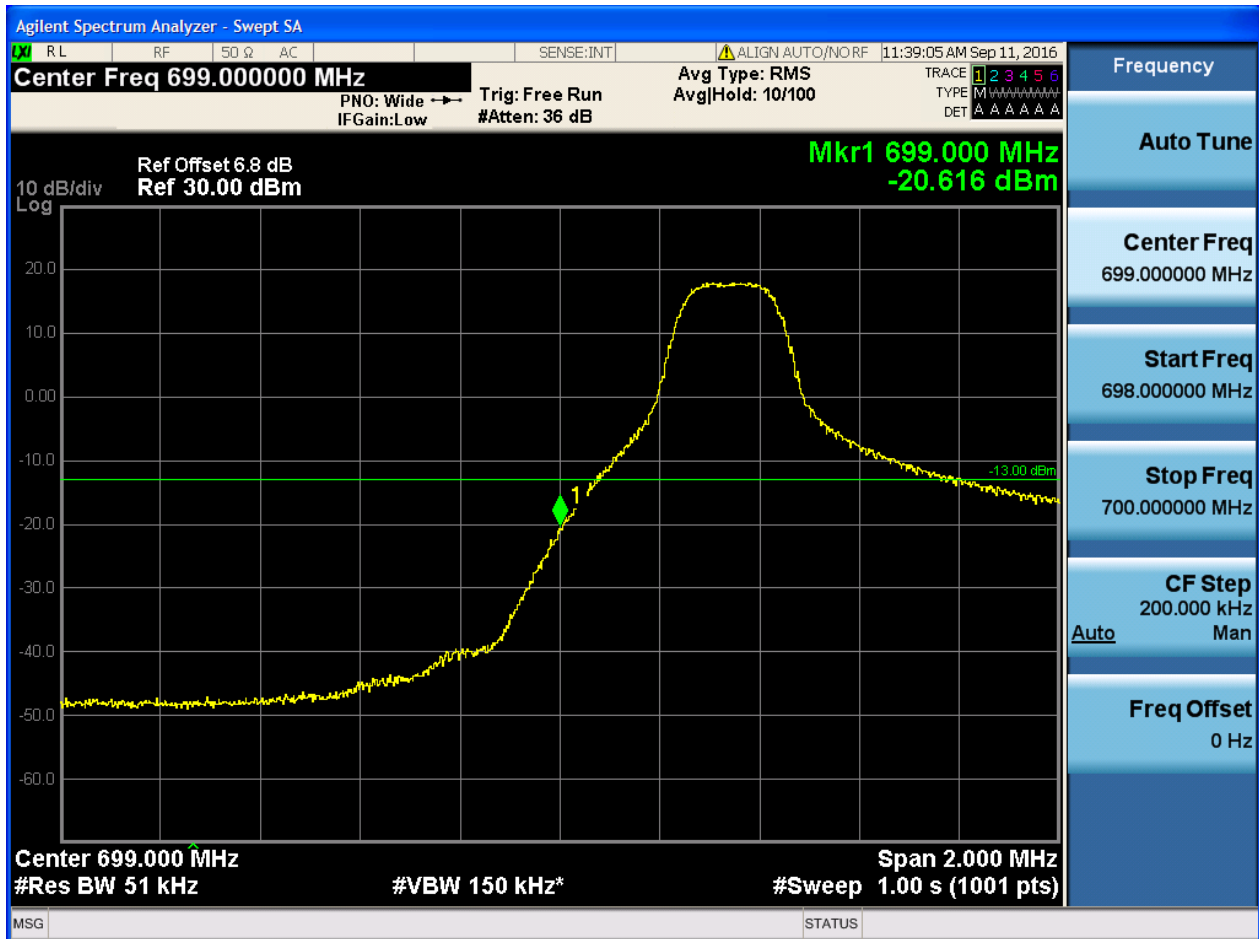




5.1.5.1.3 Test Bandwidth = 5

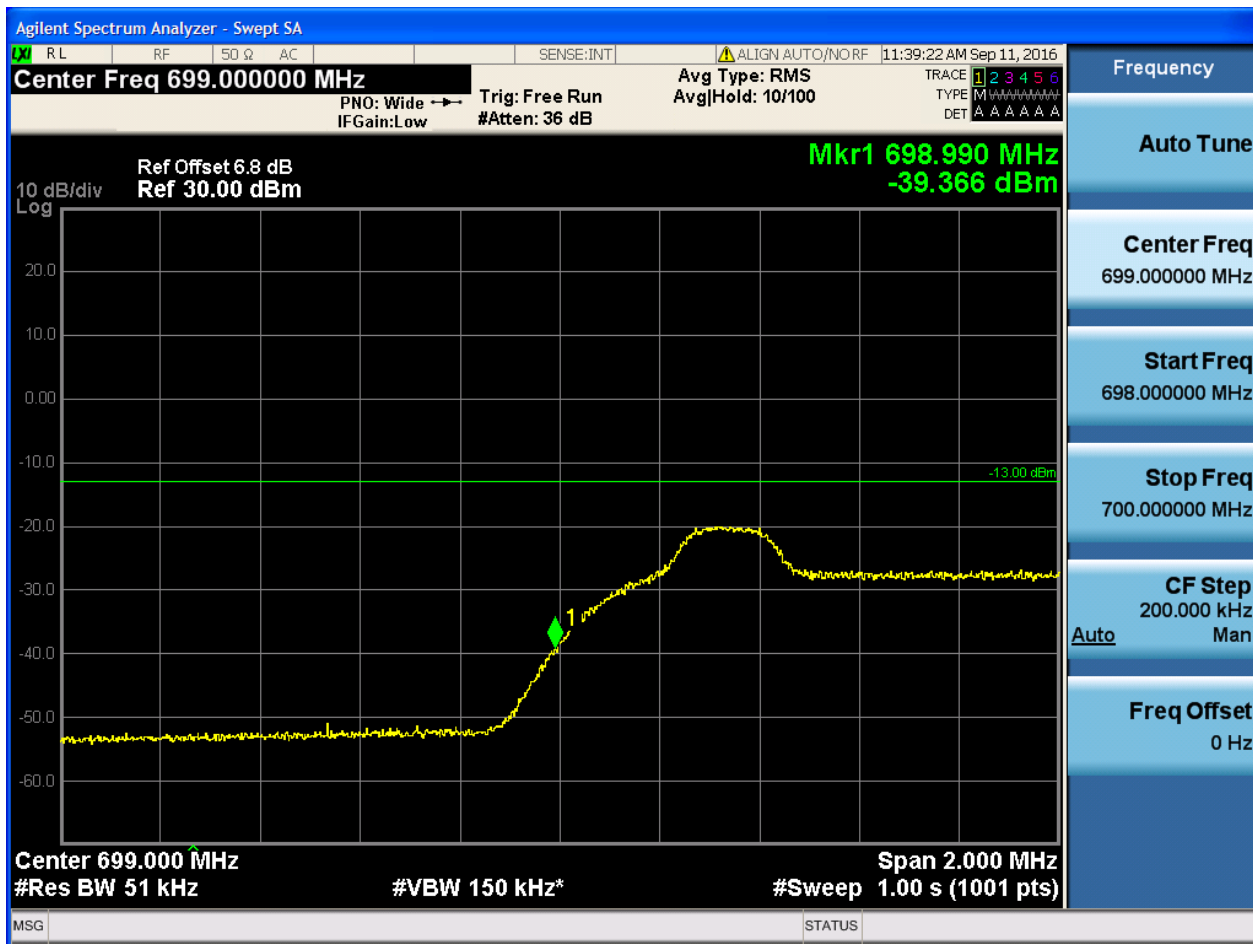
5.1.5.1.3.1 Test Channel = LCH

5.1.5.1.3.1.1 Test RB = RB1#0



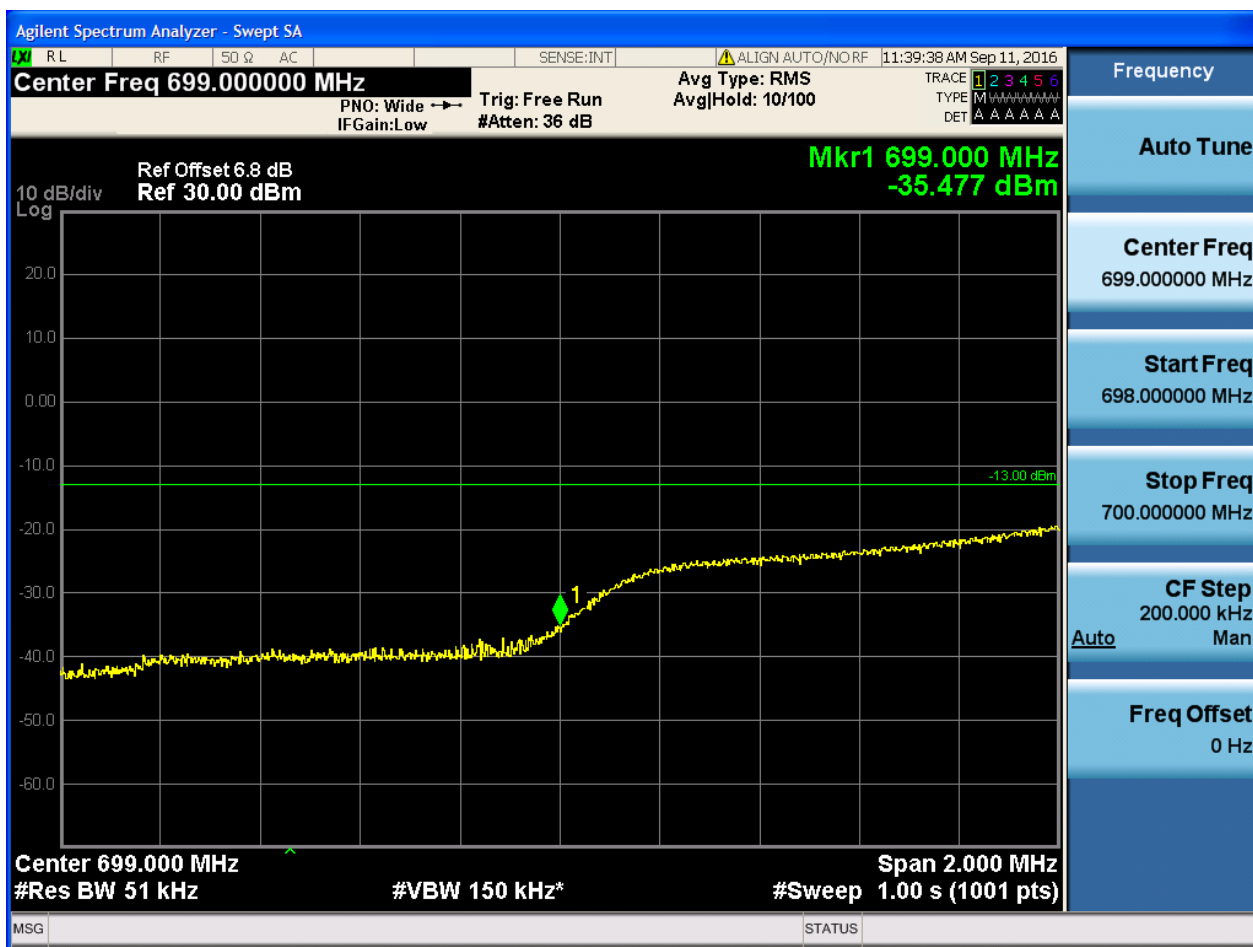


5.1.5.1.3.1.2 Test RB = RB1#24



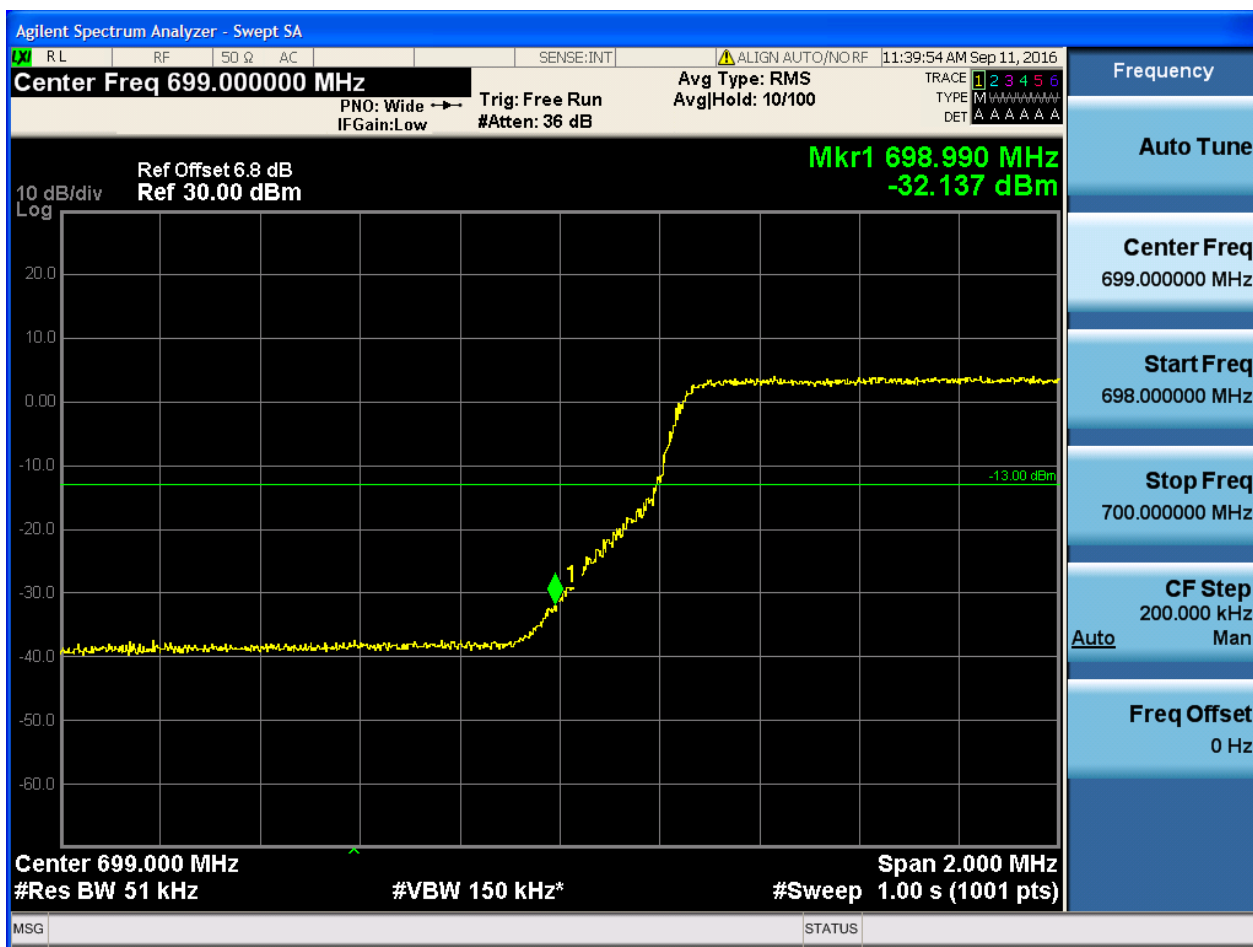


5.1.5.1.3.1.3 Test RB = RB12#6



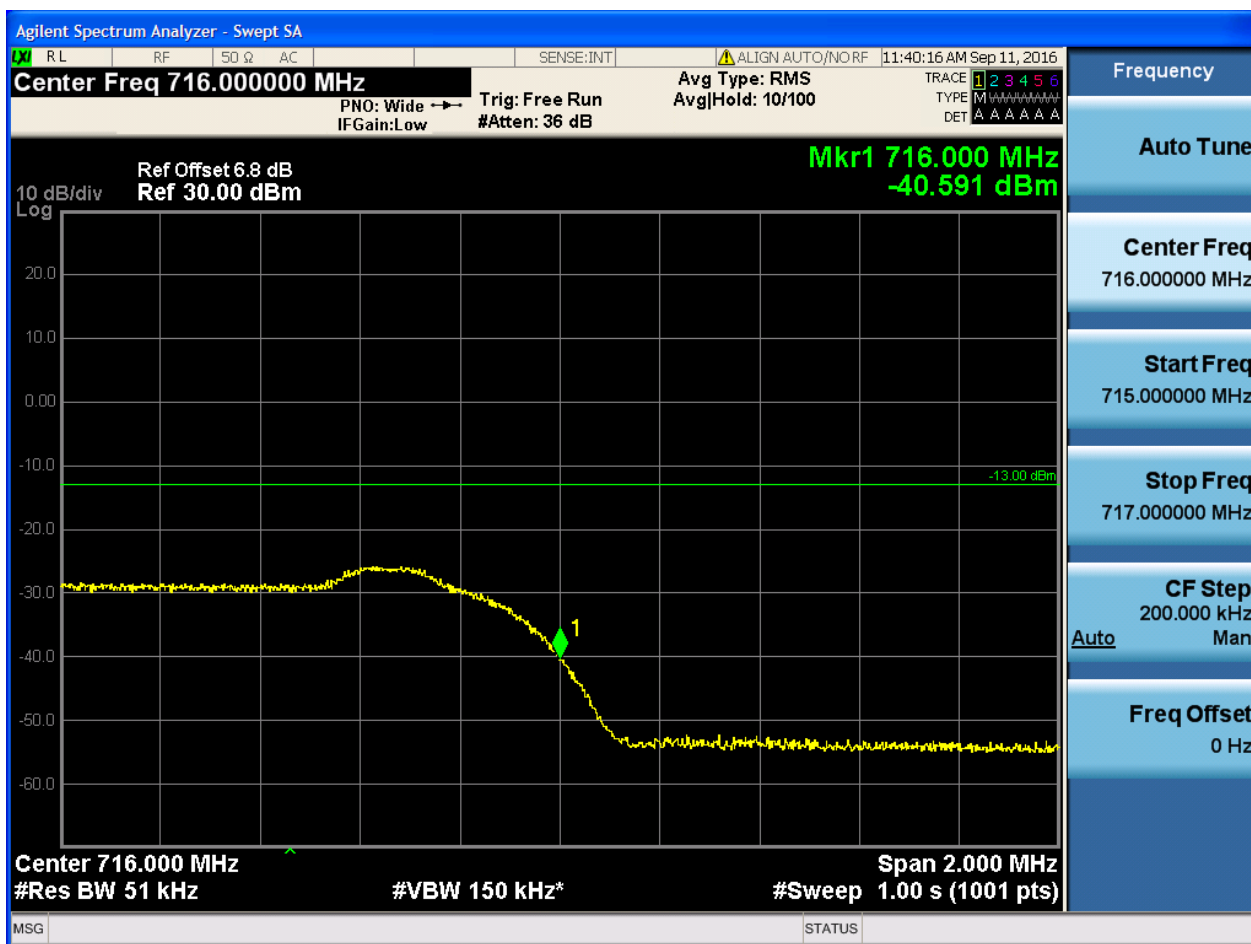


5.1.5.1.3.1.4 Test RB = RB25#0



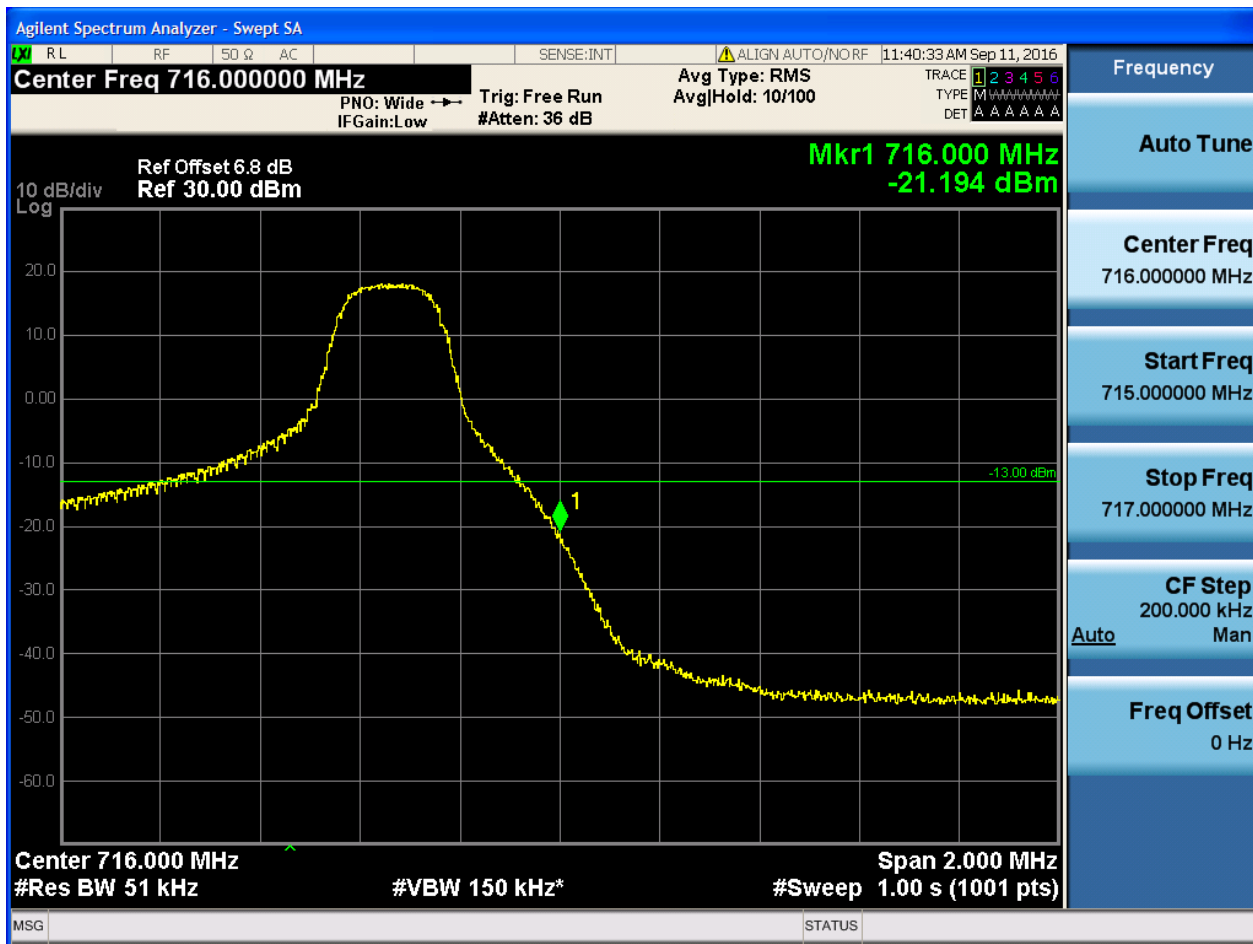
5.1.5.1.3.2 Test Channel = HCH

5.1.5.1.3.2.1 Test RB = RB1#0





5.1.5.1.3.2.2 Test RB = RB1#24





5.1.5.1.3.2.3 Test RB = RB12#6





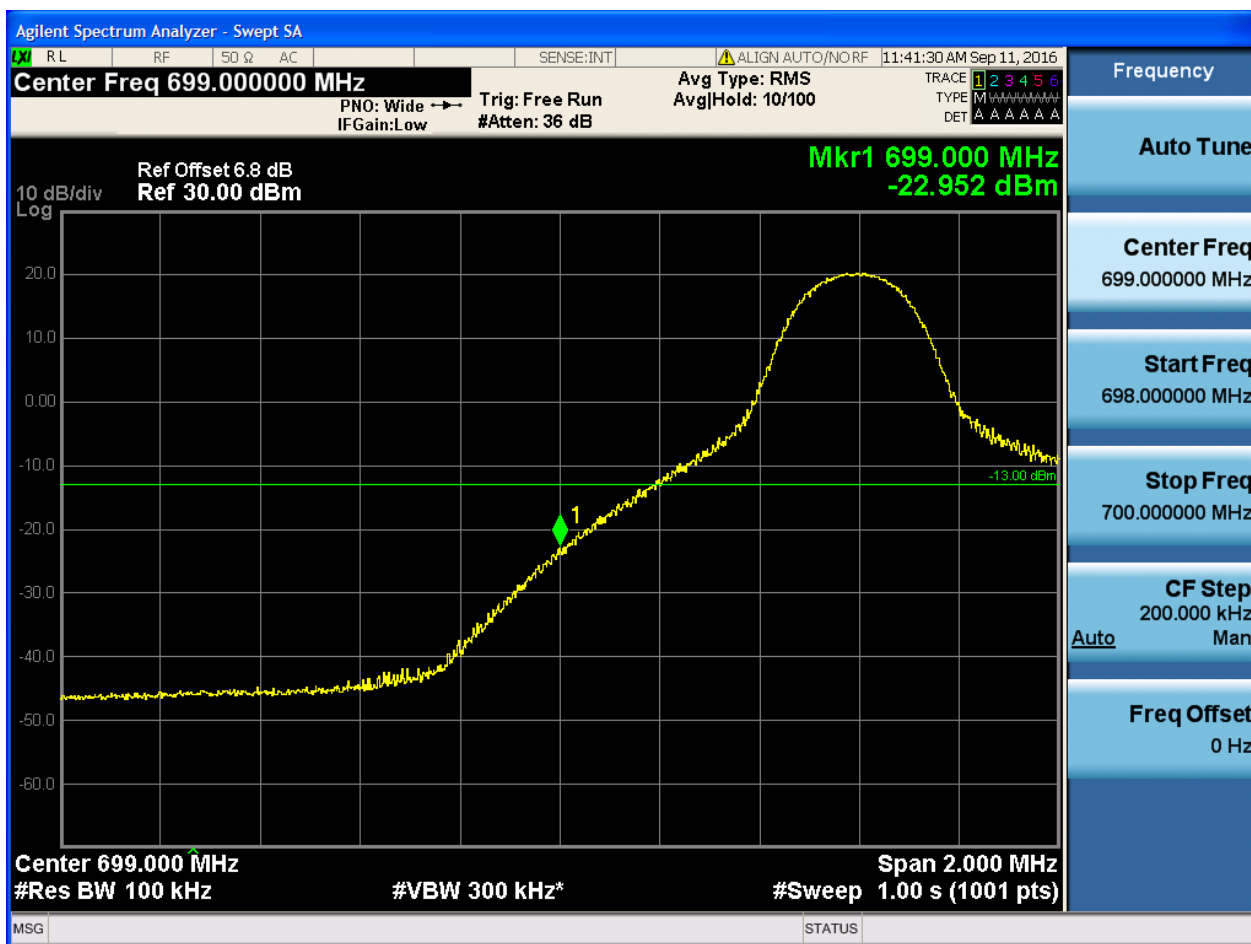
5.1.5.1.3.2.4 Test RB = RB25#0



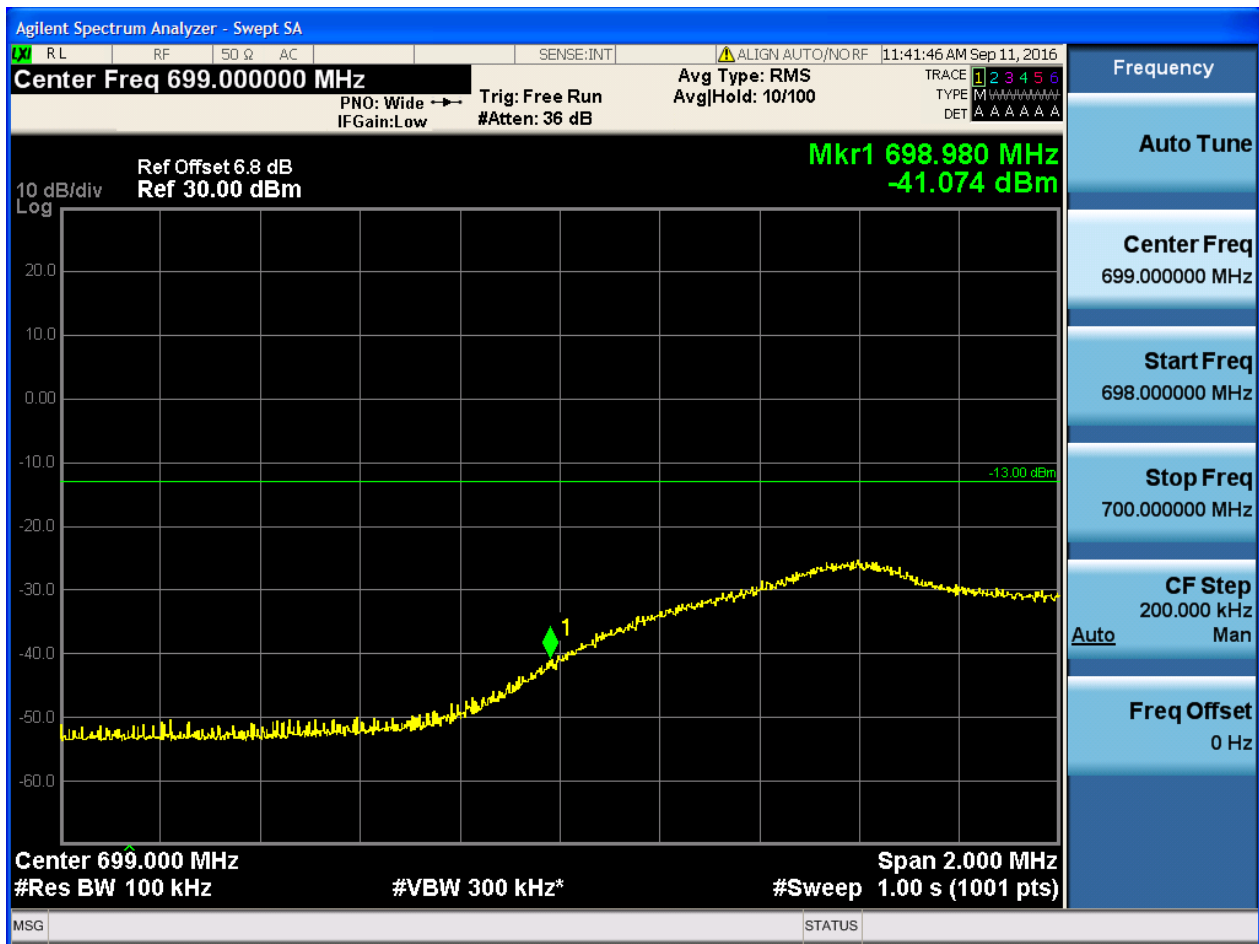
5.1.5.1.4 Test Bandwidth = 10

5.1.5.1.4.1 Test Channel = LCH

5.1.5.1.4.1.1 Test RB = RB1#0

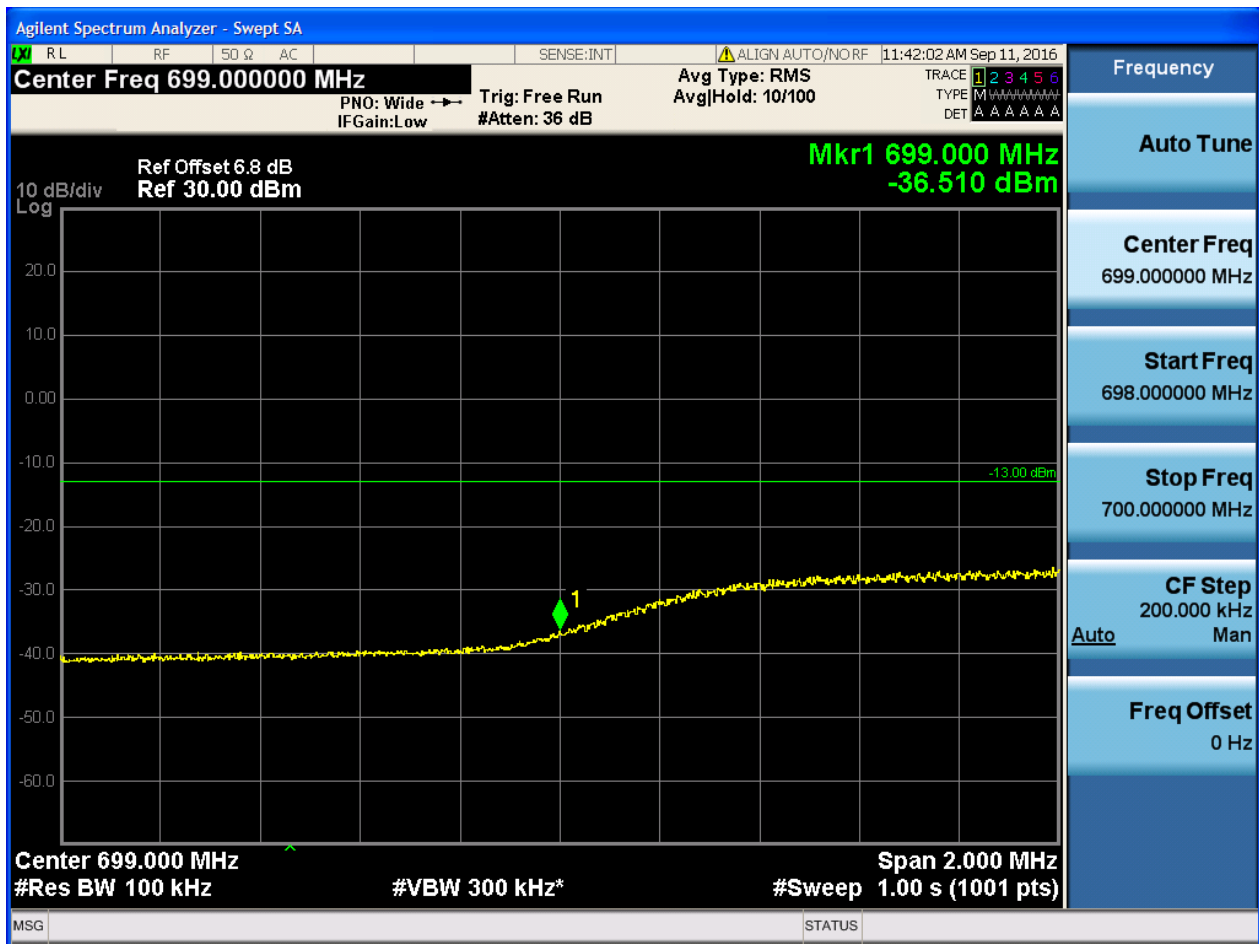


5.1.5.1.4.1.2 Test RB = RB1#49



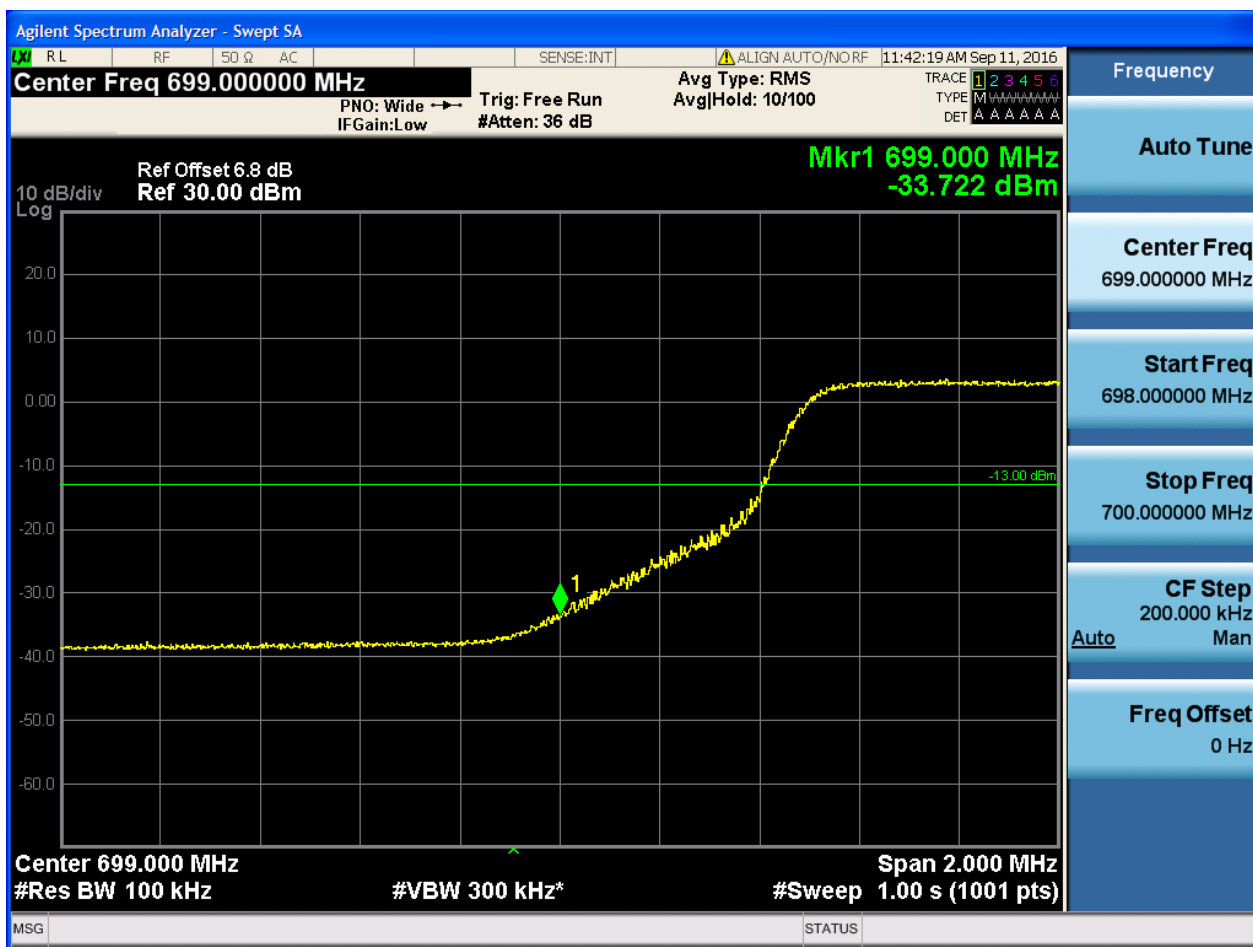


5.1.5.1.4.1.3 Test RB = RB25#13



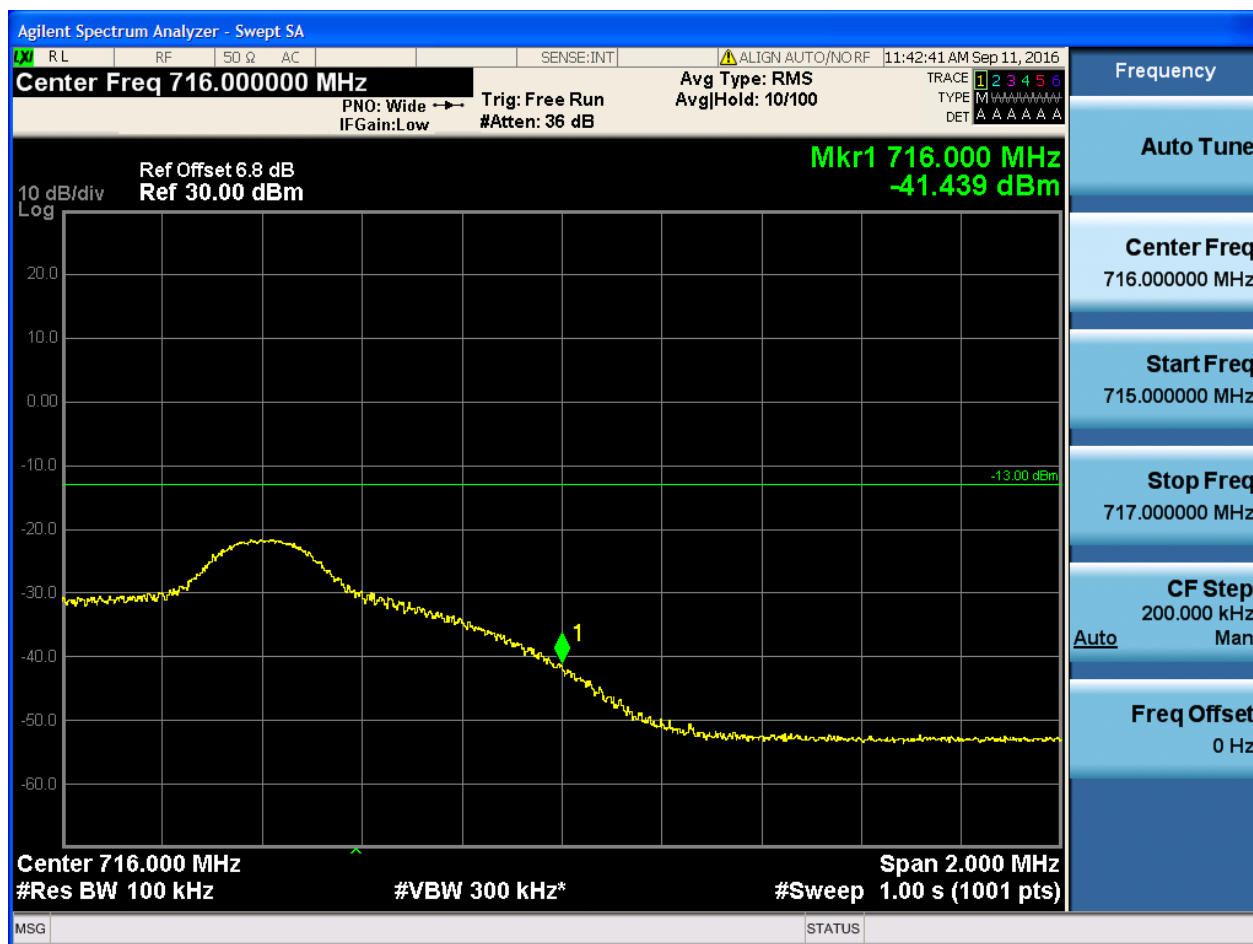


5.1.5.1.4.1.4 Test RB = RB50#0



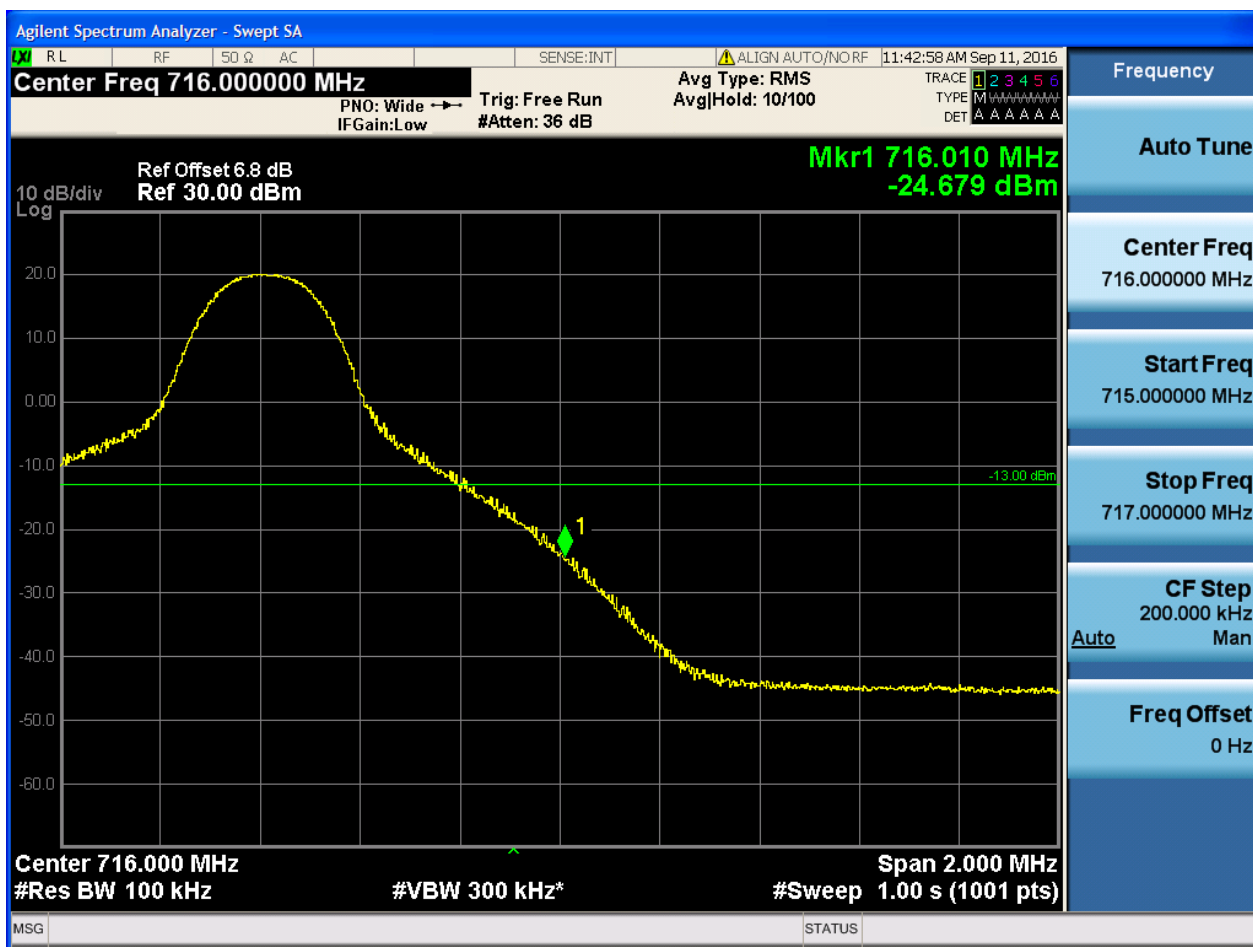
5.1.5.1.4.2 Test Channel = HCH

5.1.5.1.4.2.1 Test RB = RB1#0





5.1.5.1.4.2.2 Test RB = RB1#49





5.1.5.1.4.2.3 Test RB = RB25#13





5.1.5.1.4.2.4 Test RB = RB50#0



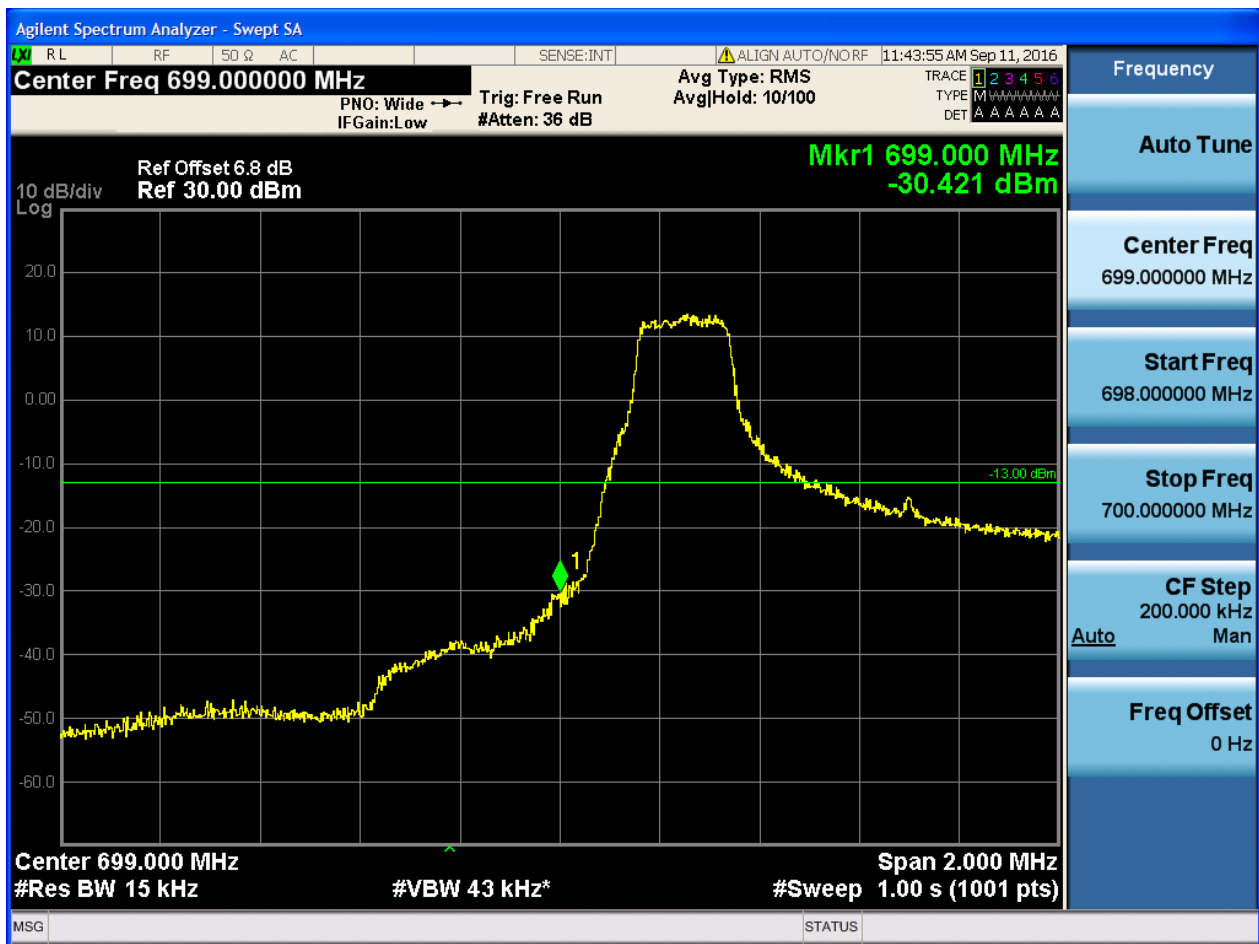


5.1.5.2 Test Mode = LTE/TM2

5.1.5.2.1 Test Bandwidth = 1.4

5.1.5.2.1.1 Test Channel = LCH

5.1.5.2.1.1.1 Test RB = RB1#0



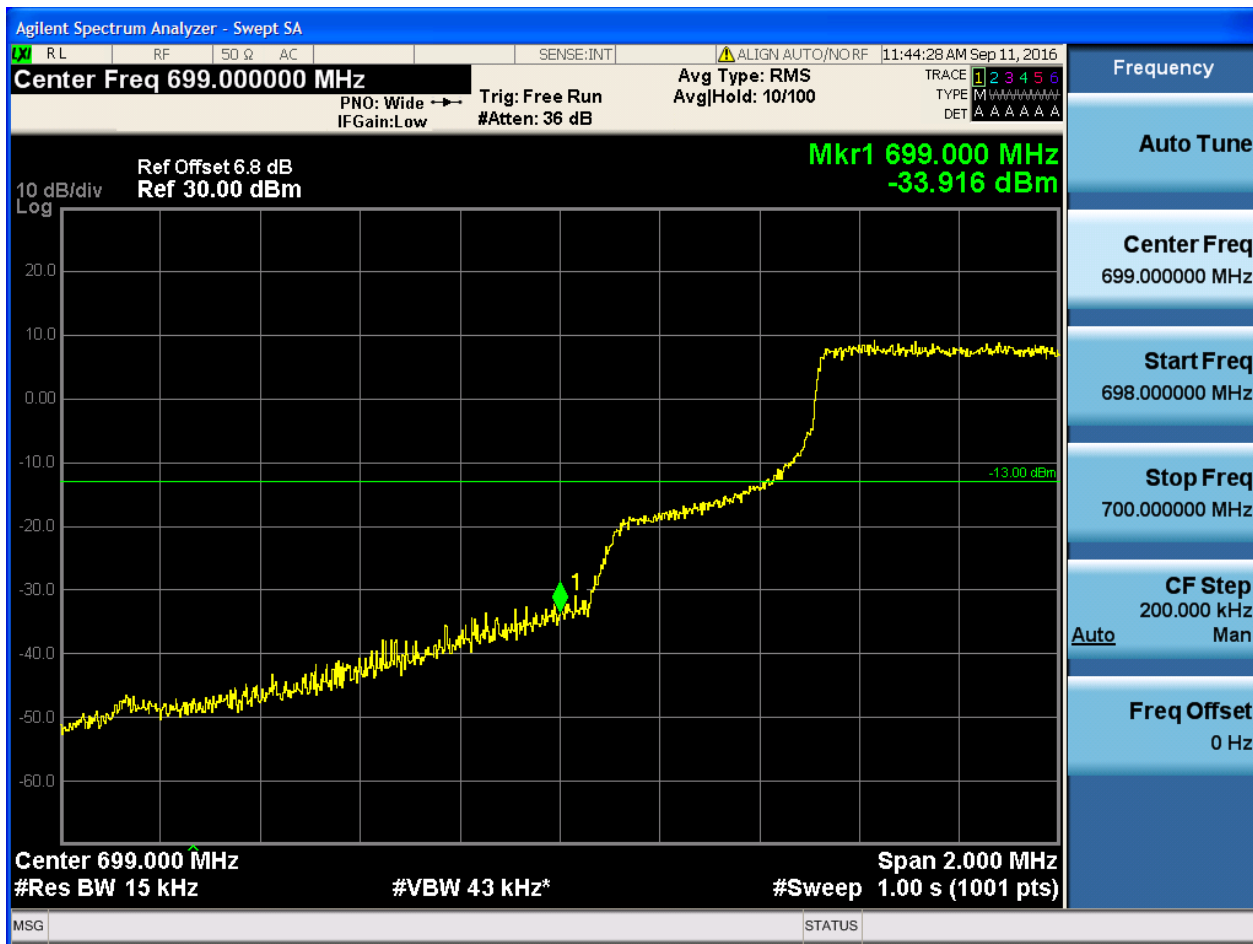


5.1.5.2.1.1.2 Test RB = RB1#5



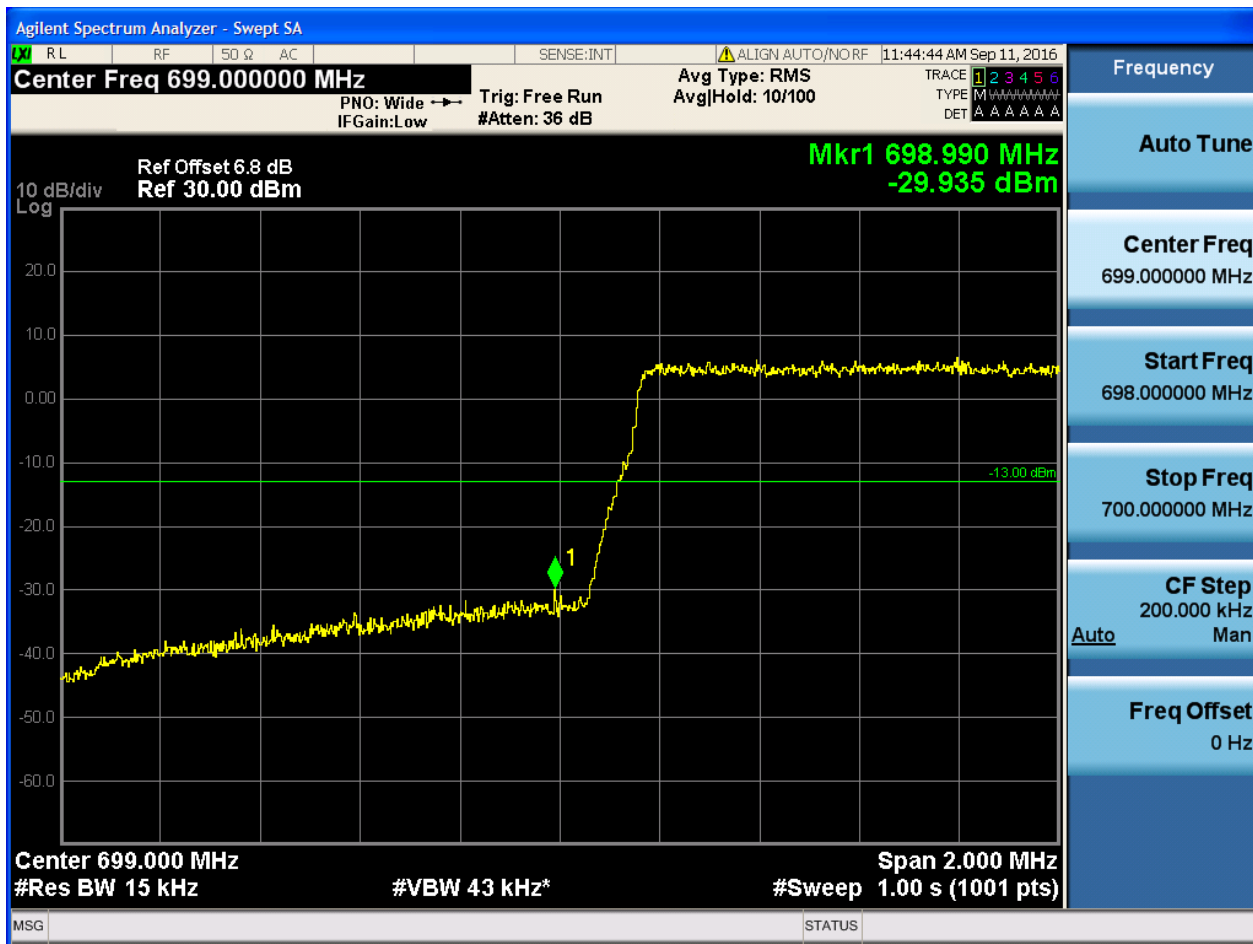


5.1.5.2.1.1.3 Test RB = RB3#2





5.1.5.2.1.1.4 Test RB = RB6#0





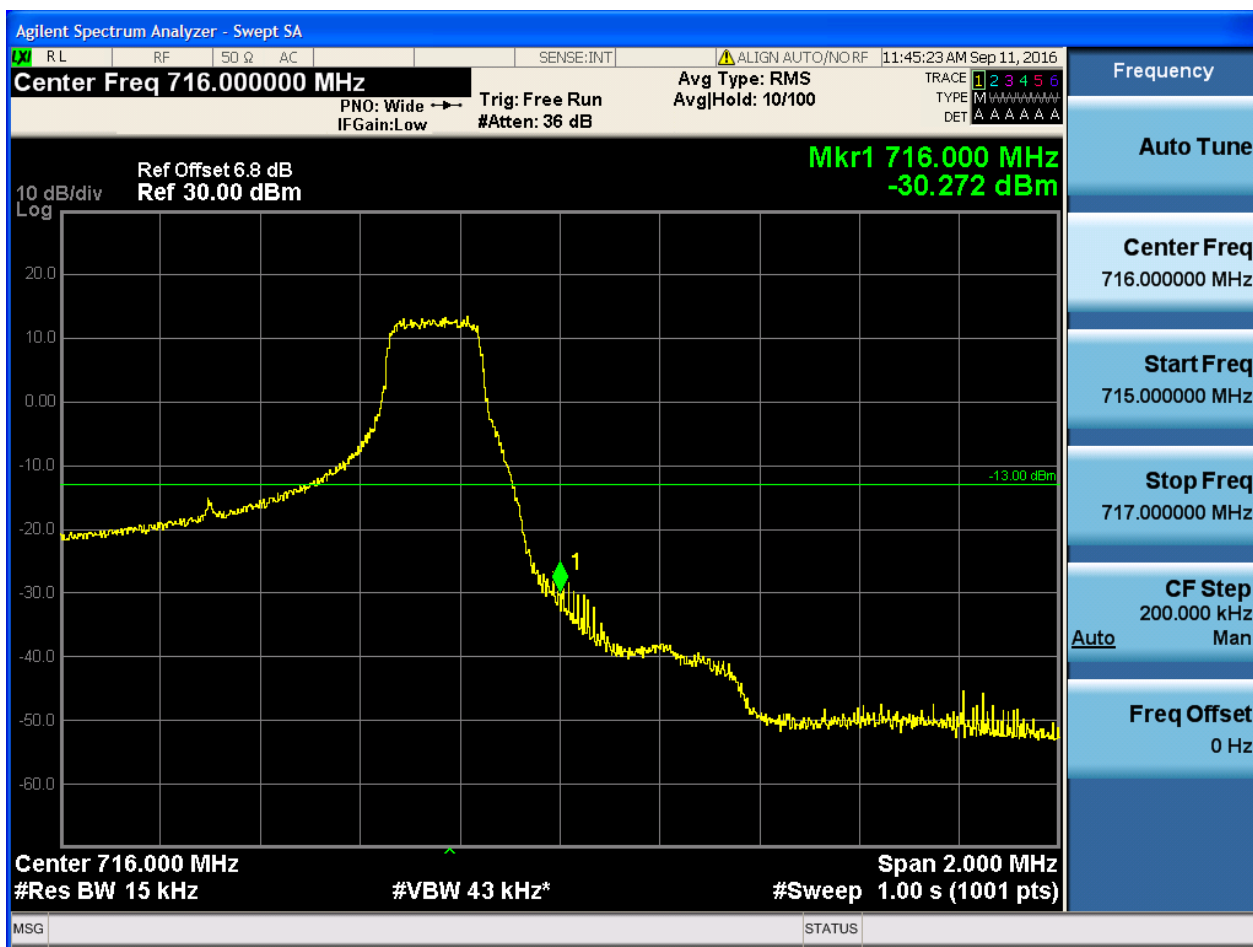
5.1.5.2.1.2 Test Channel = HCH

5.1.5.2.1.2.1 Test RB = RB1#0





5.1.5.2.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 716.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

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

Mkr1 716.040 MHz
-32.359 dBm

-13.00 dBm

Center 716.000 MHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
716.000000 MHz

Start Freq
715.000000 MHz

Stop Freq
717.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

MSG Alignment Completed

STATUS



5.1.5.2.1.2.4 Test RB = RB6#0

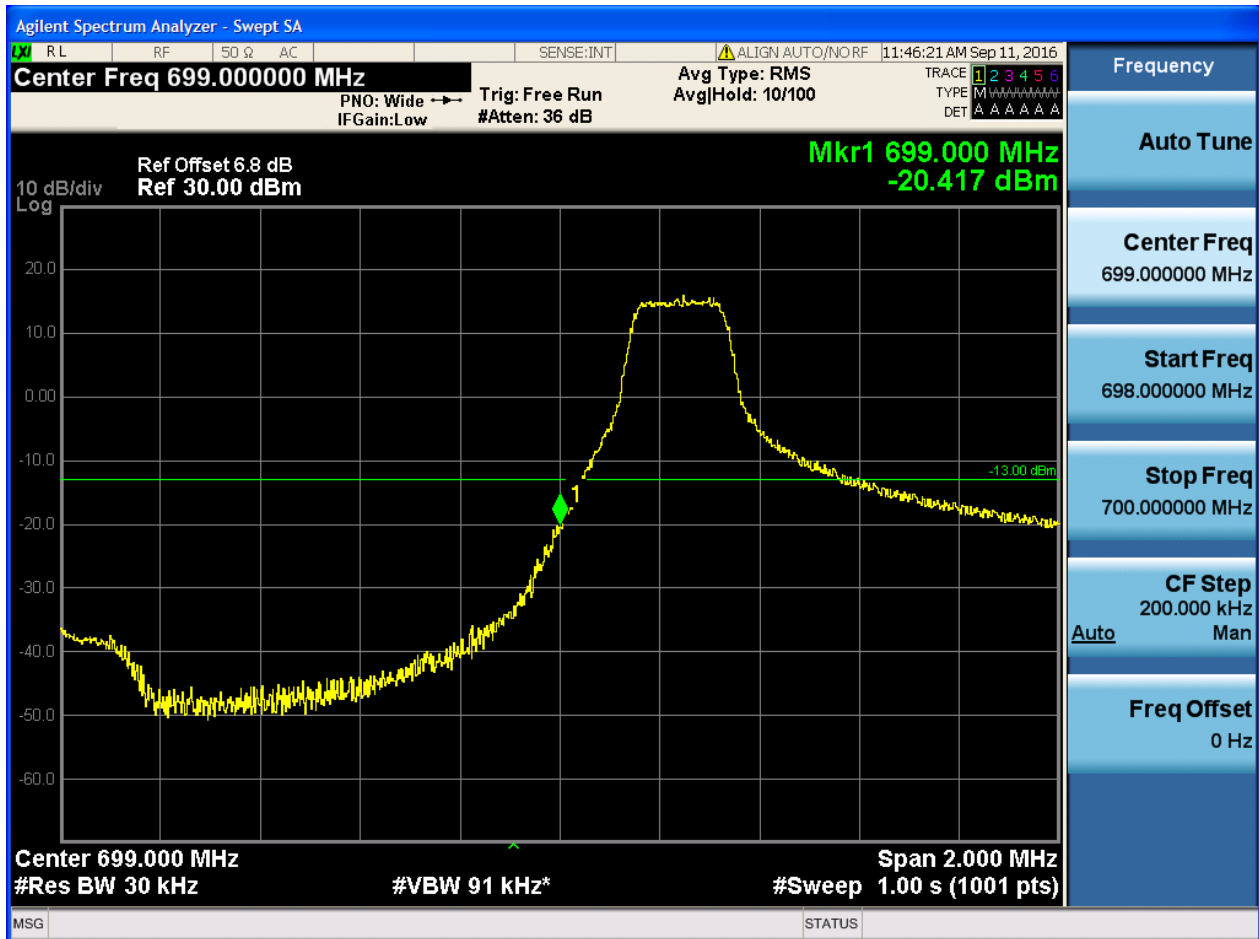




5.1.5.2.2 Test Bandwidth = 3

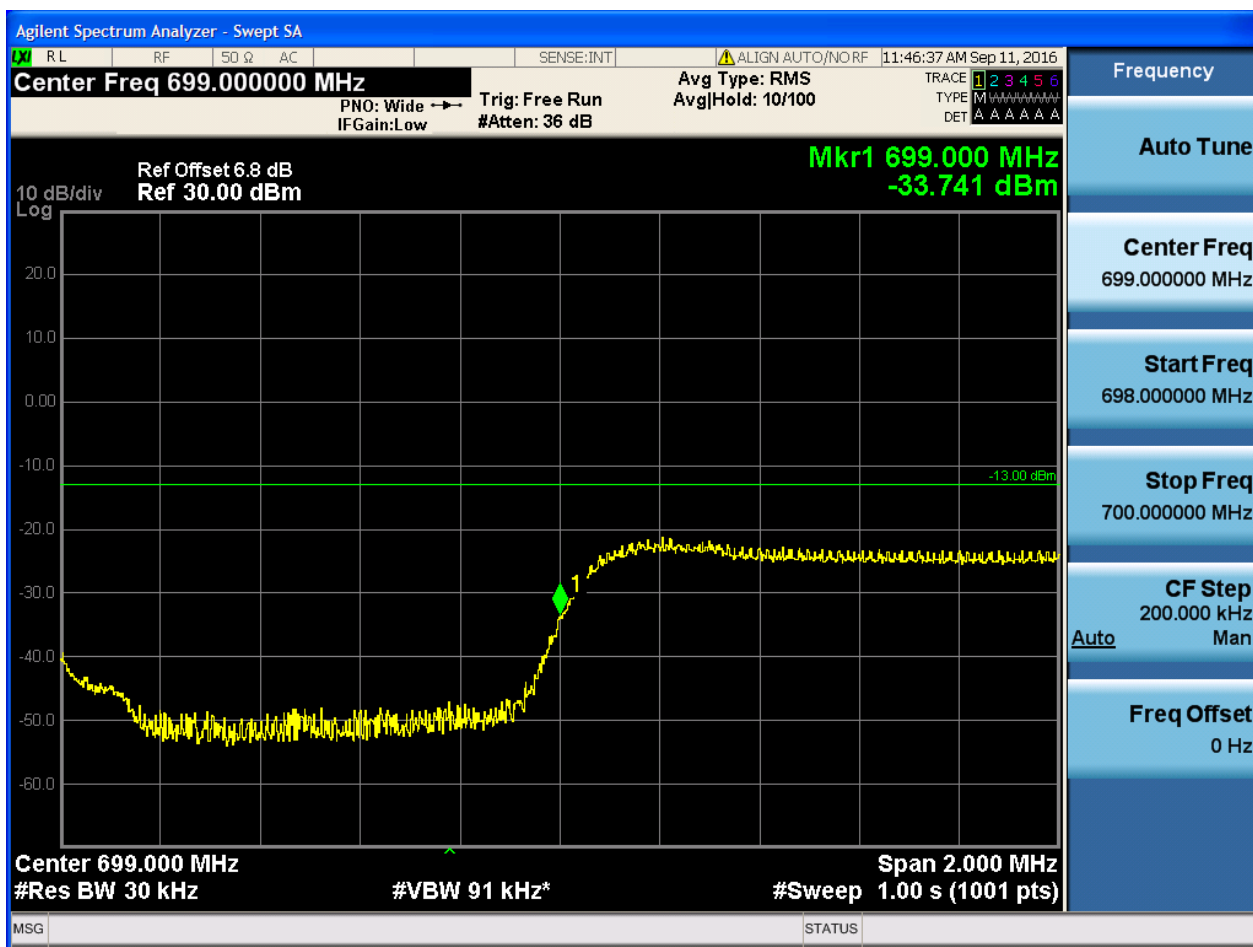
5.1.5.2.2.1 Test Channel = LCH

5.1.5.2.2.1.1 Test RB = RB1#0



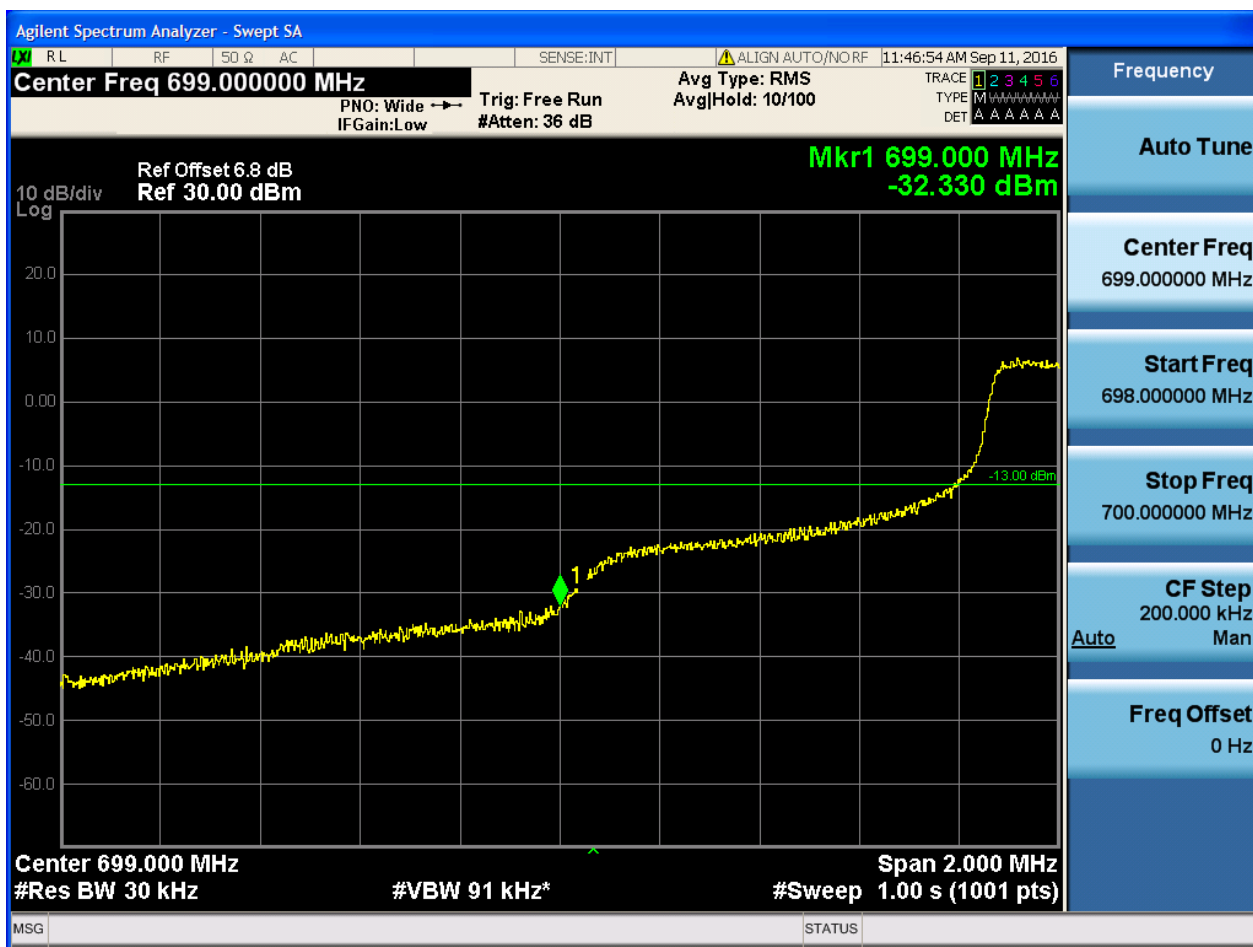


5.1.5.2.2.1.2 Test RB = RB1#14



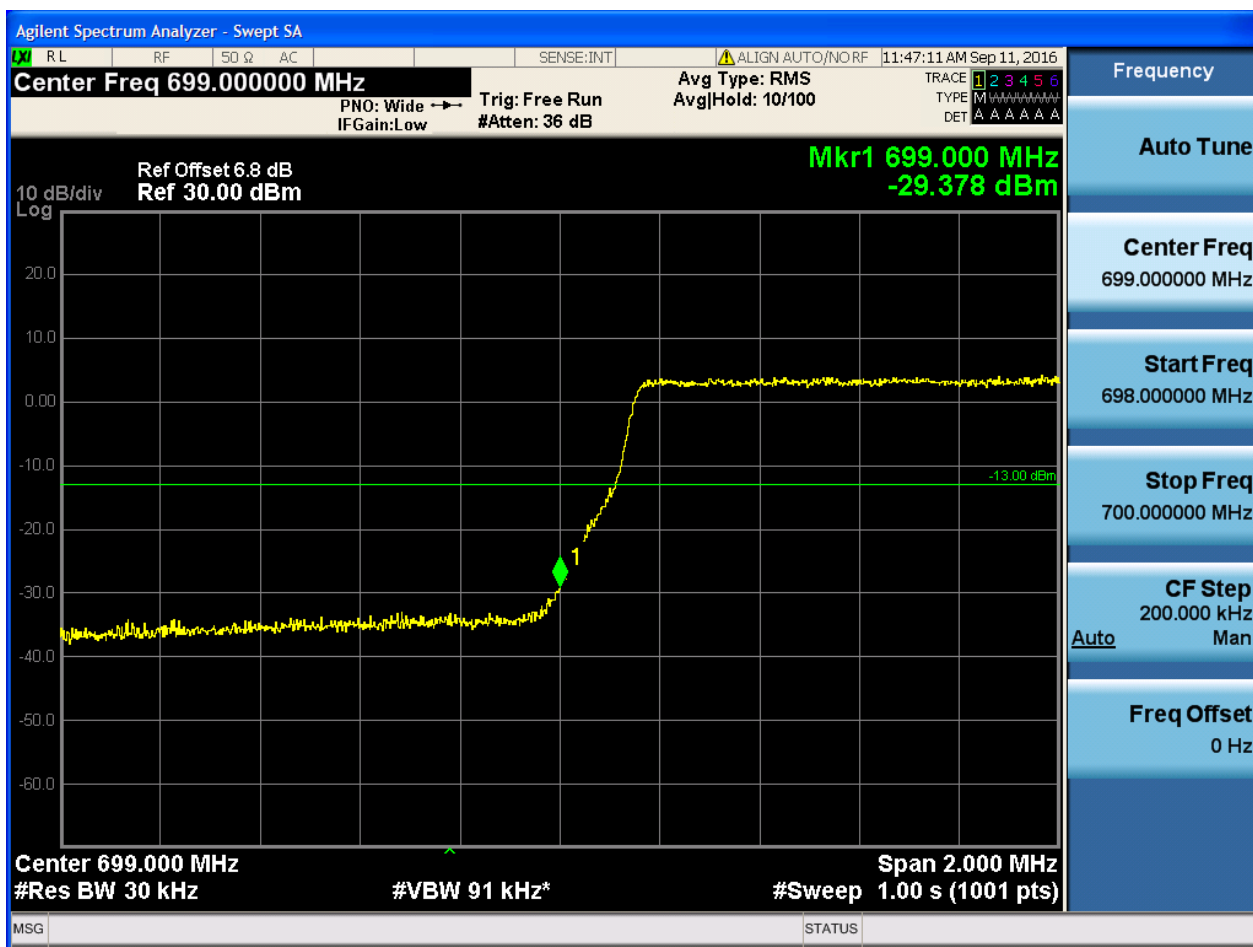


5.1.5.2.2.1.3 Test RB = RB8#4





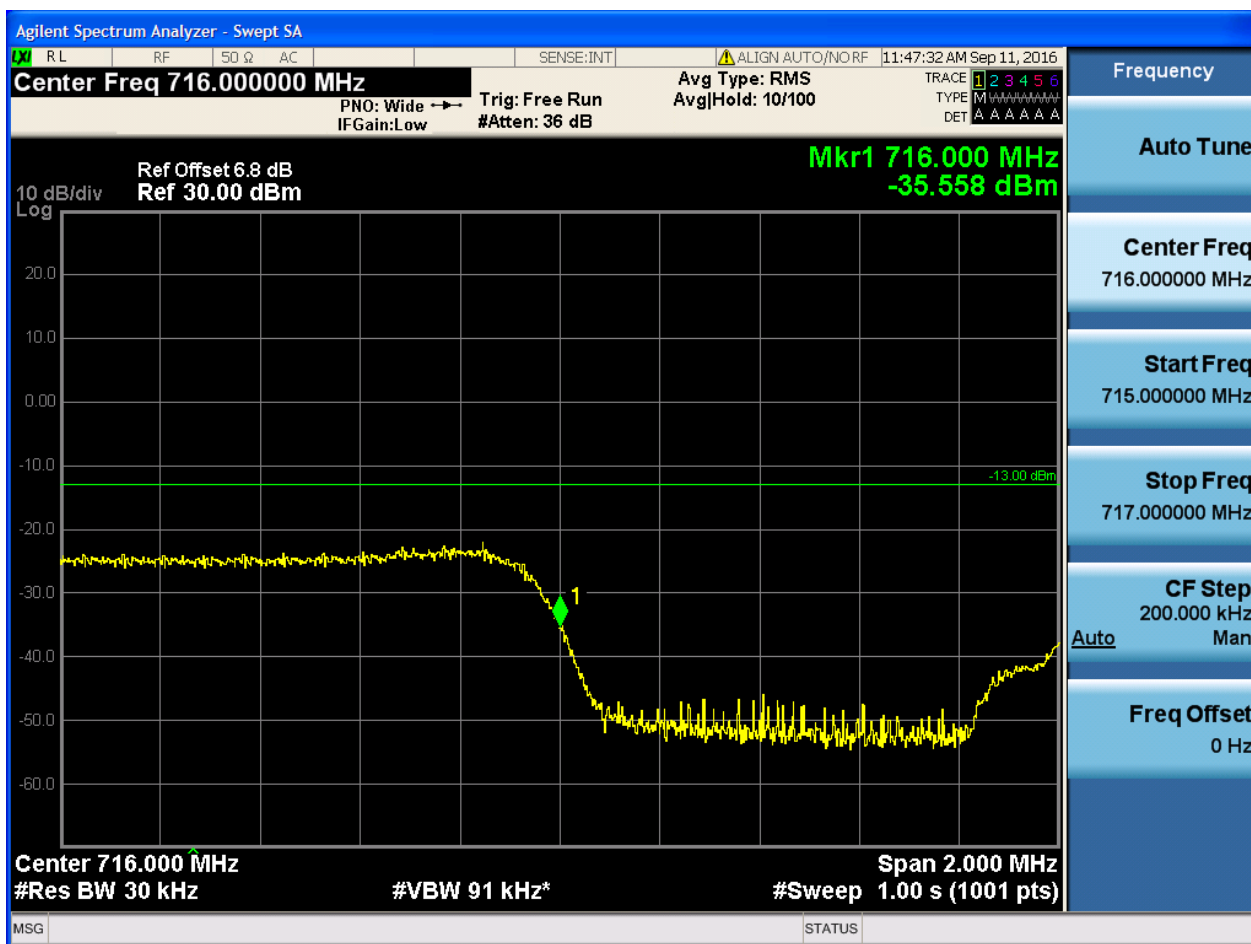
5.1.5.2.2.1.4 Test RB = RB15#0





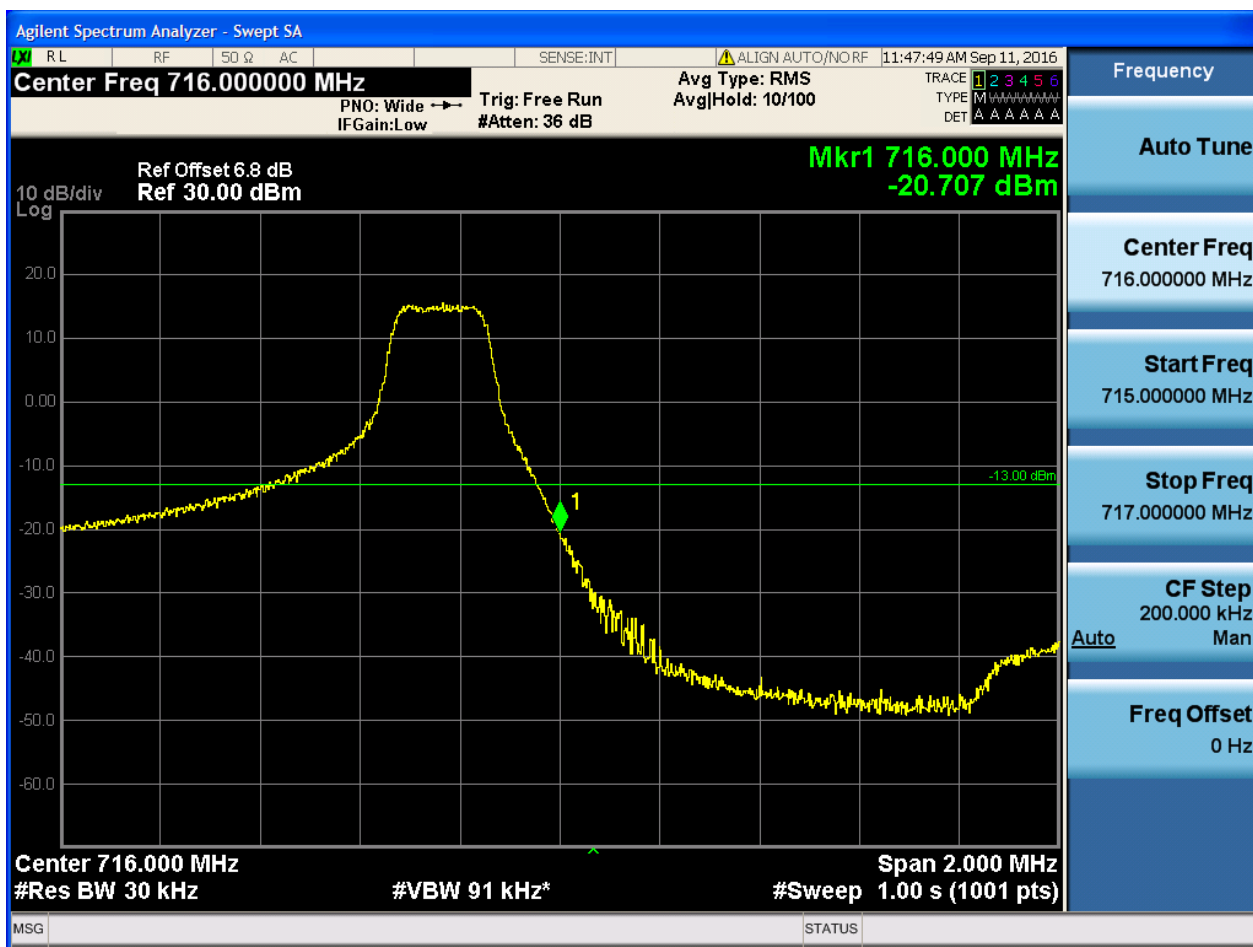
5.1.5.2.2.2 Test Channel = HCH

5.1.5.2.2.2.1 Test RB = RB1#0





5.1.5.2.2.2 Test RB = RB1#14





5.1.5.2.2.3 Test RB = RB8#4





5.1.5.2.2.4 Test RB = RB15#0

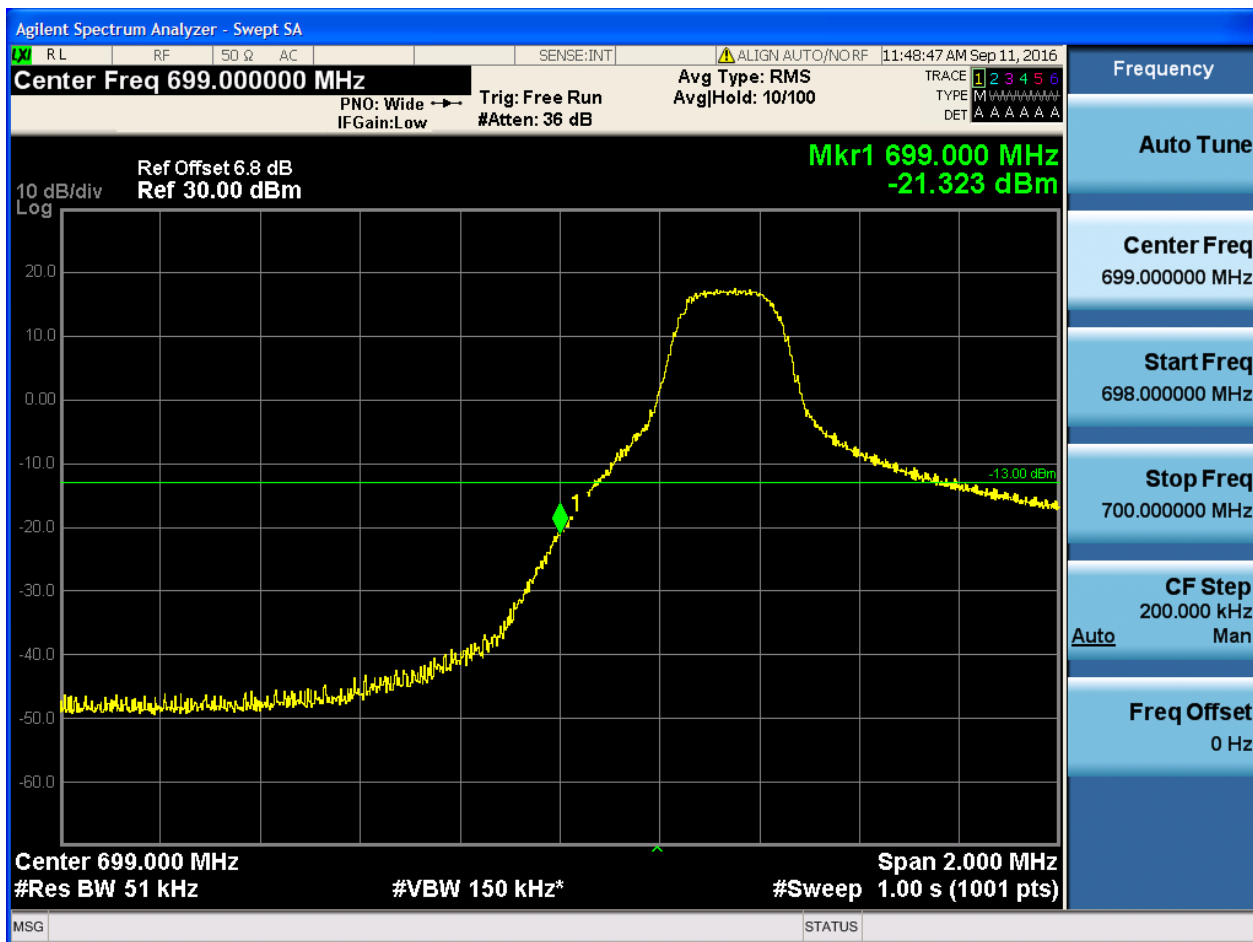




5.1.5.2.3 Test Bandwidth = 5

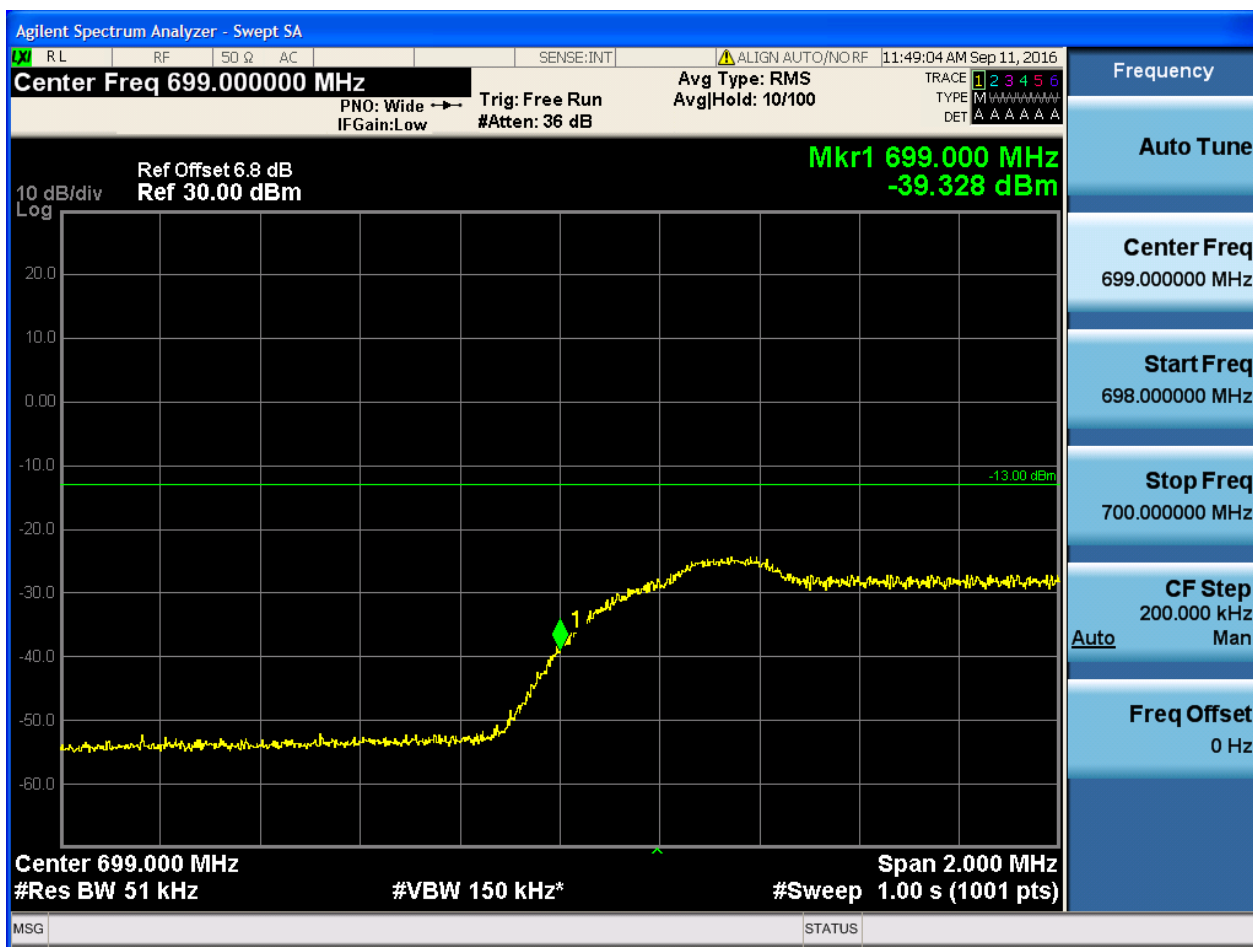
5.1.5.2.3.1 Test Channel = LCH

5.1.5.2.3.1.1 Test RB = RB1#0





5.1.5.2.3.1.2 Test RB = RB1#24



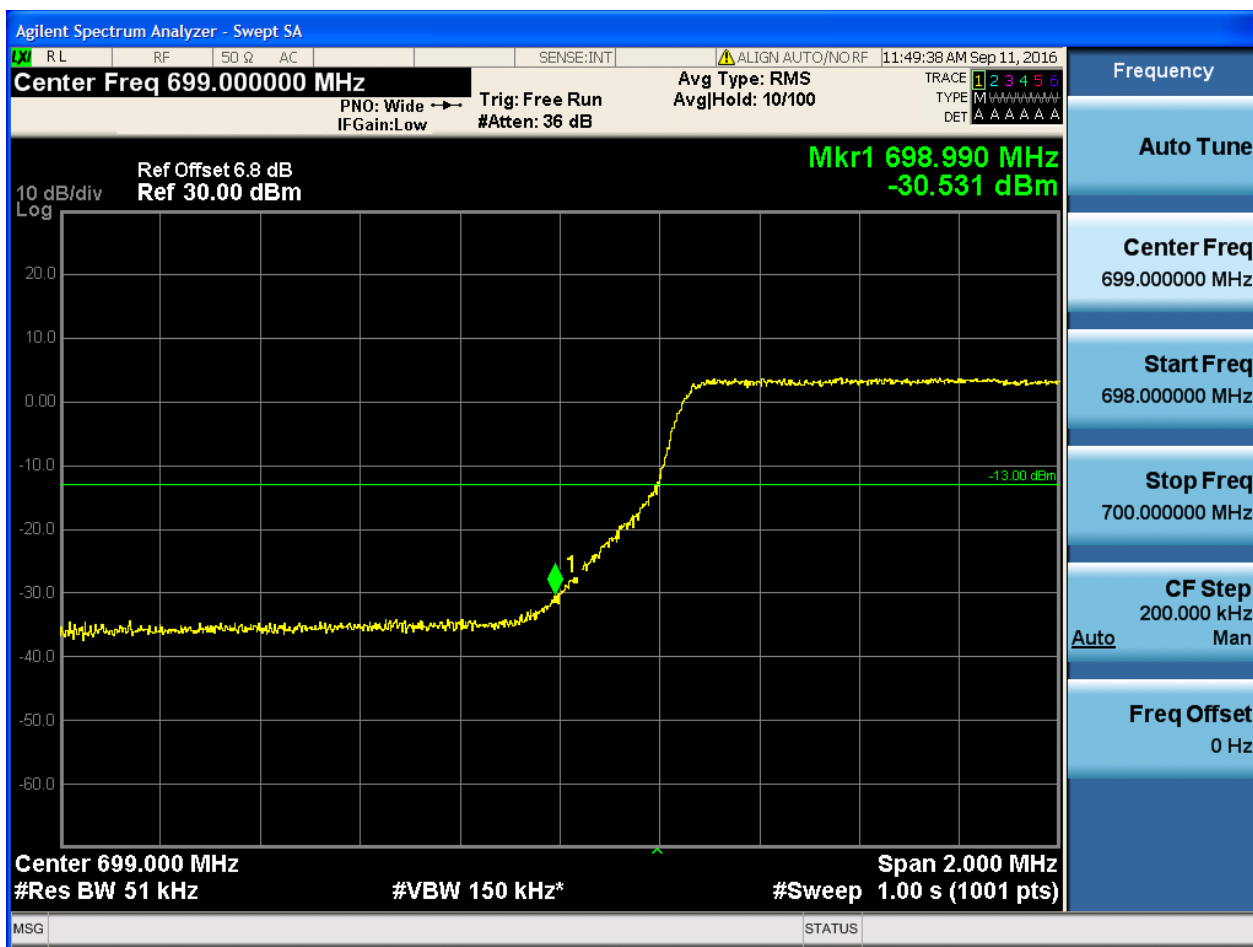


5.1.5.2.3.1.3 Test RB = RB12#6





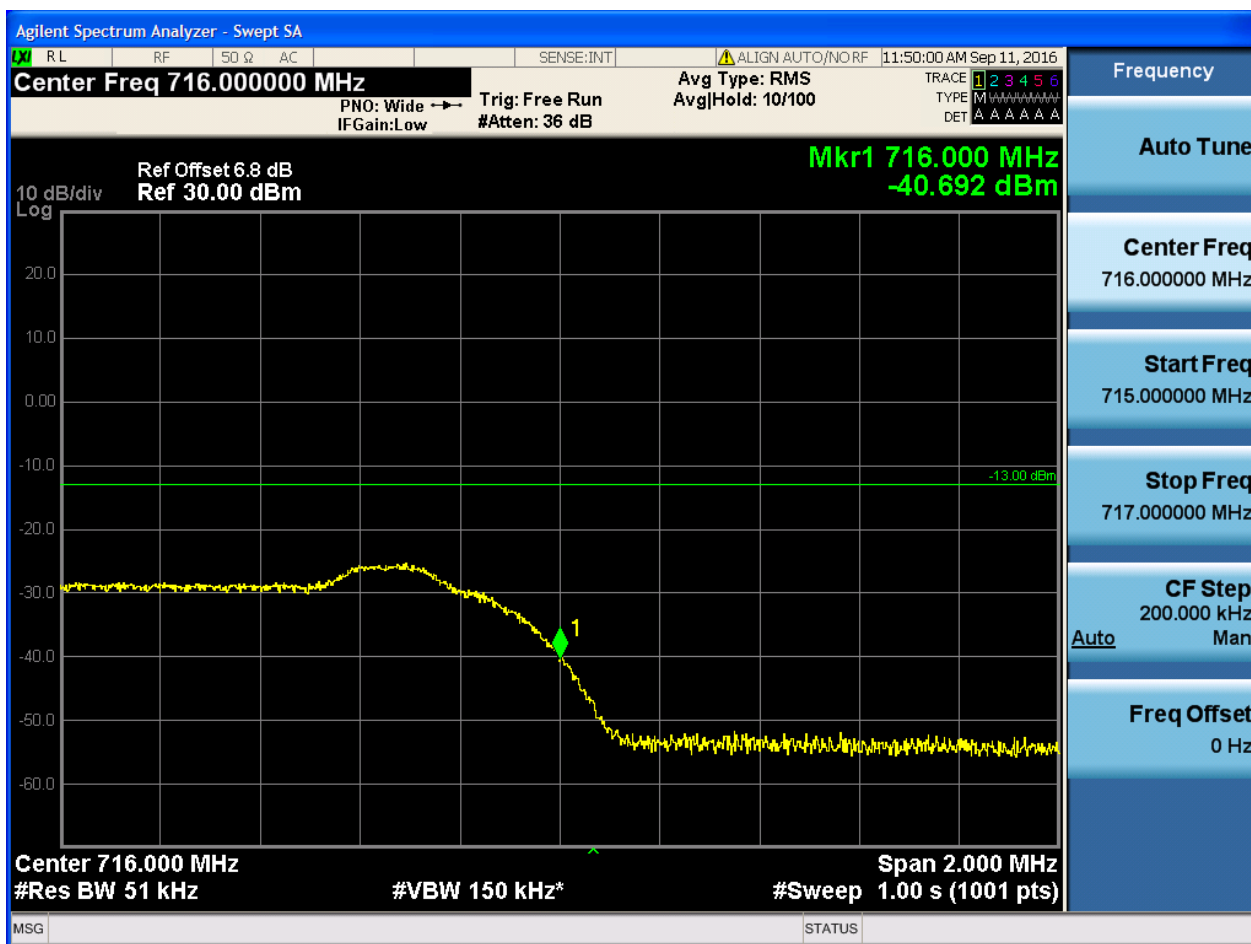
5.1.5.2.3.1.4 Test RB = RB25#0





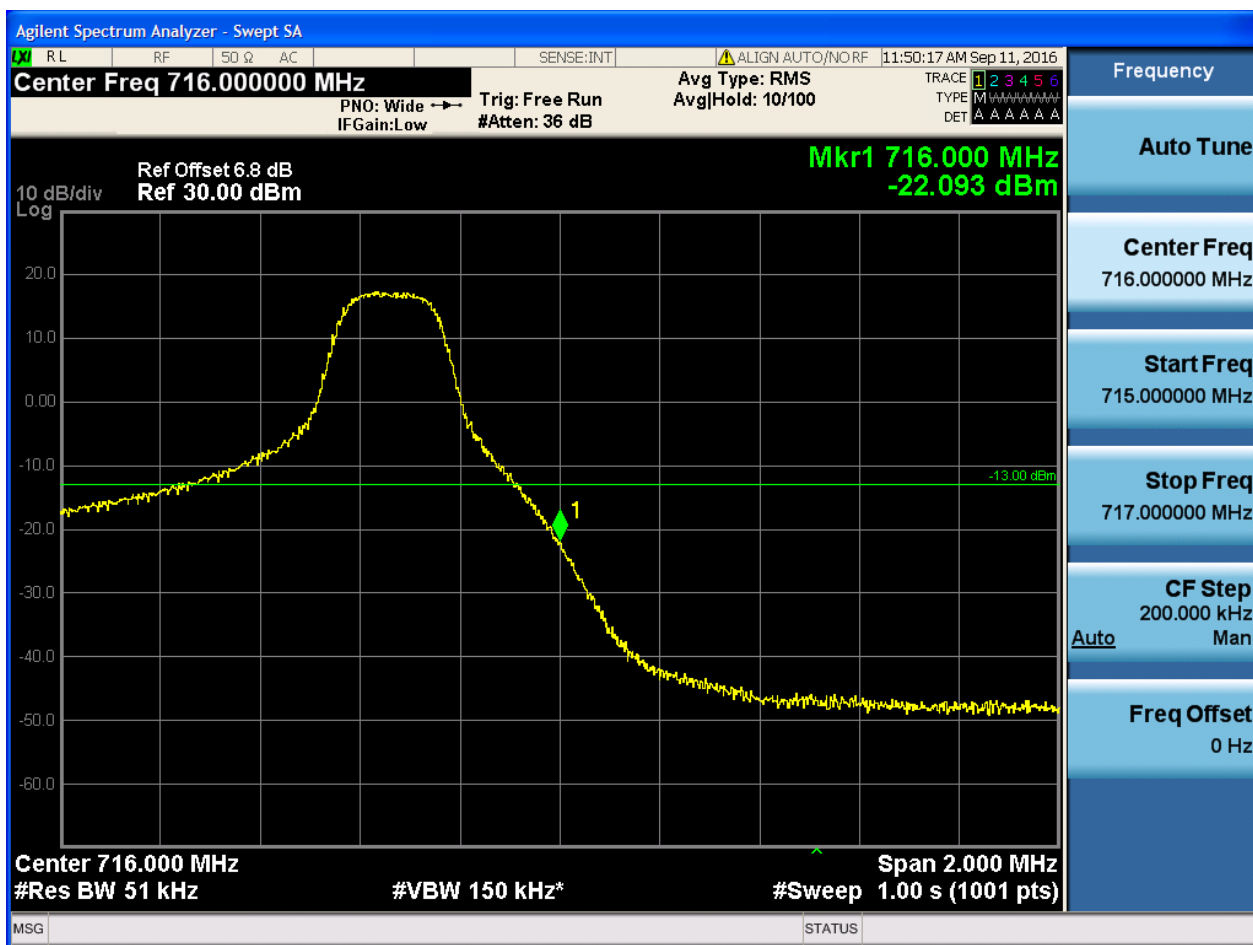
5.1.5.2.3.2 Test Channel = HCH

5.1.5.2.3.2.1 Test RB = RB1#0





5.1.5.2.3.2.2 Test RB = RB1#24





5.1.5.2.3.2.3 Test RB = RB12#6





5.1.5.2.3.2.4 Test RB = RB25#0

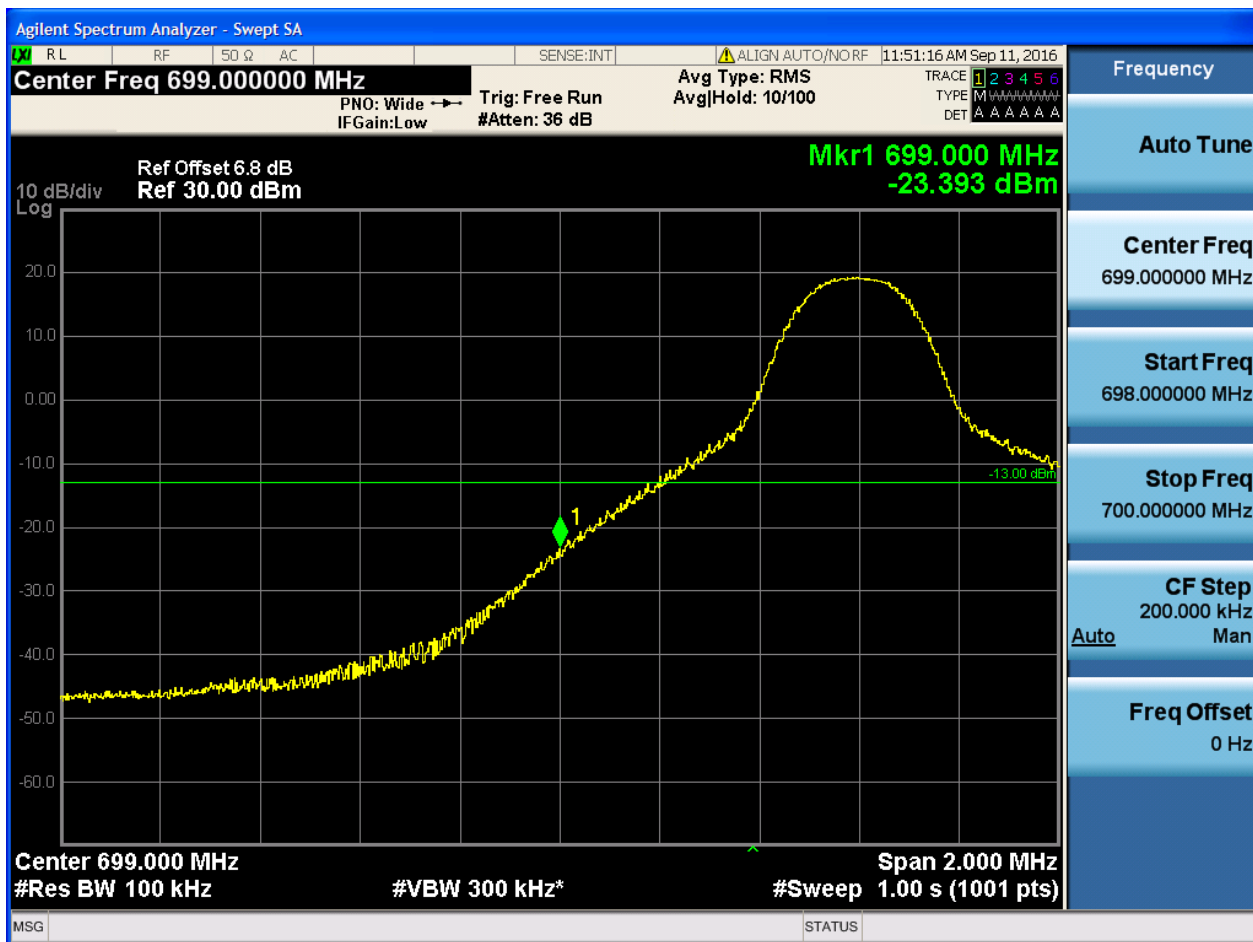




5.1.5.2.4 Test Bandwidth = 10

5.1.5.2.4.1 Test Channel = LCH

5.1.5.2.4.1.1 Test RB = RB1#0



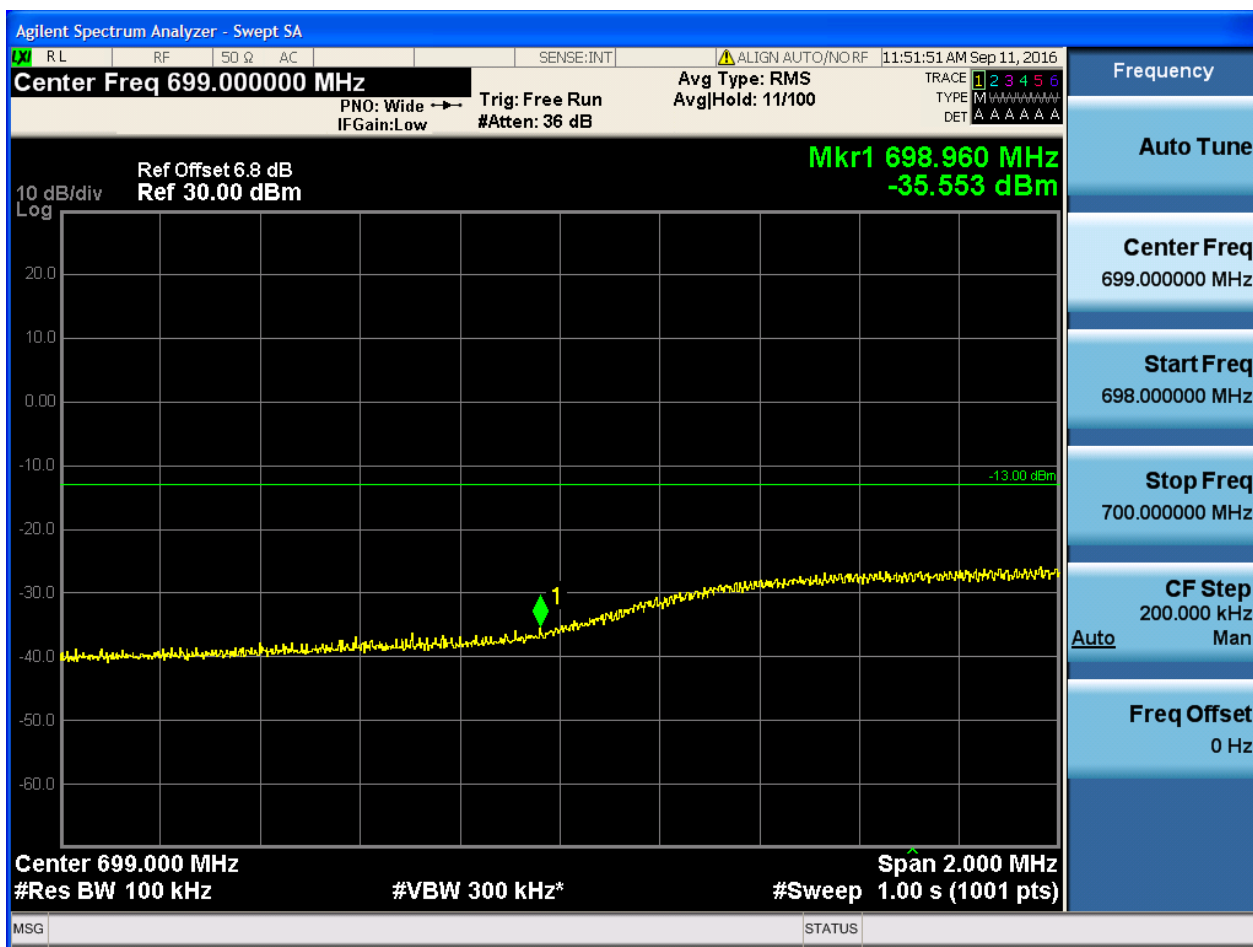


5.1.5.2.4.1.2 Test RB = RB1#49



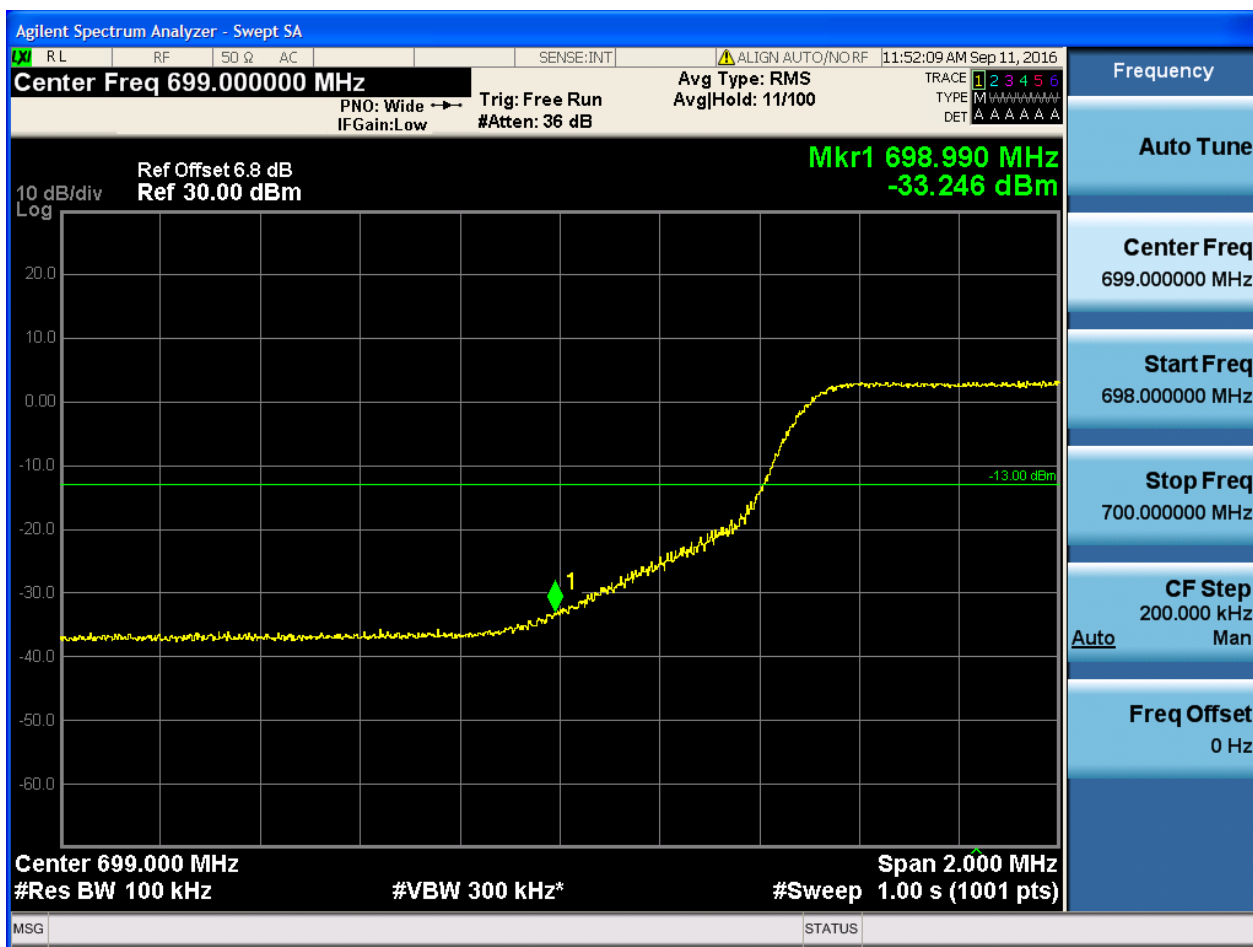


5.1.5.2.4.1.3 Test RB = RB25#13





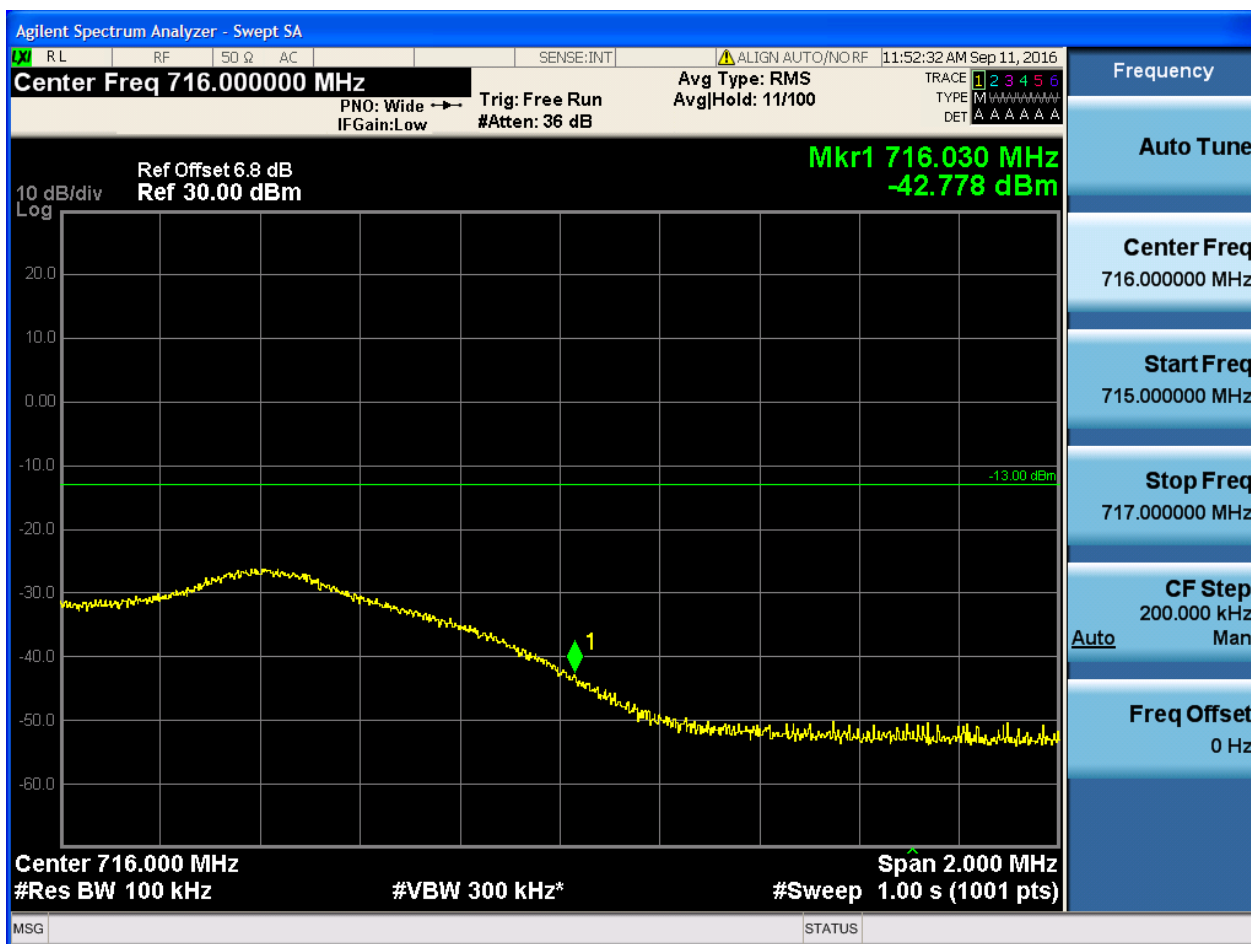
5.1.5.2.4.1.4 Test RB = RB50#0





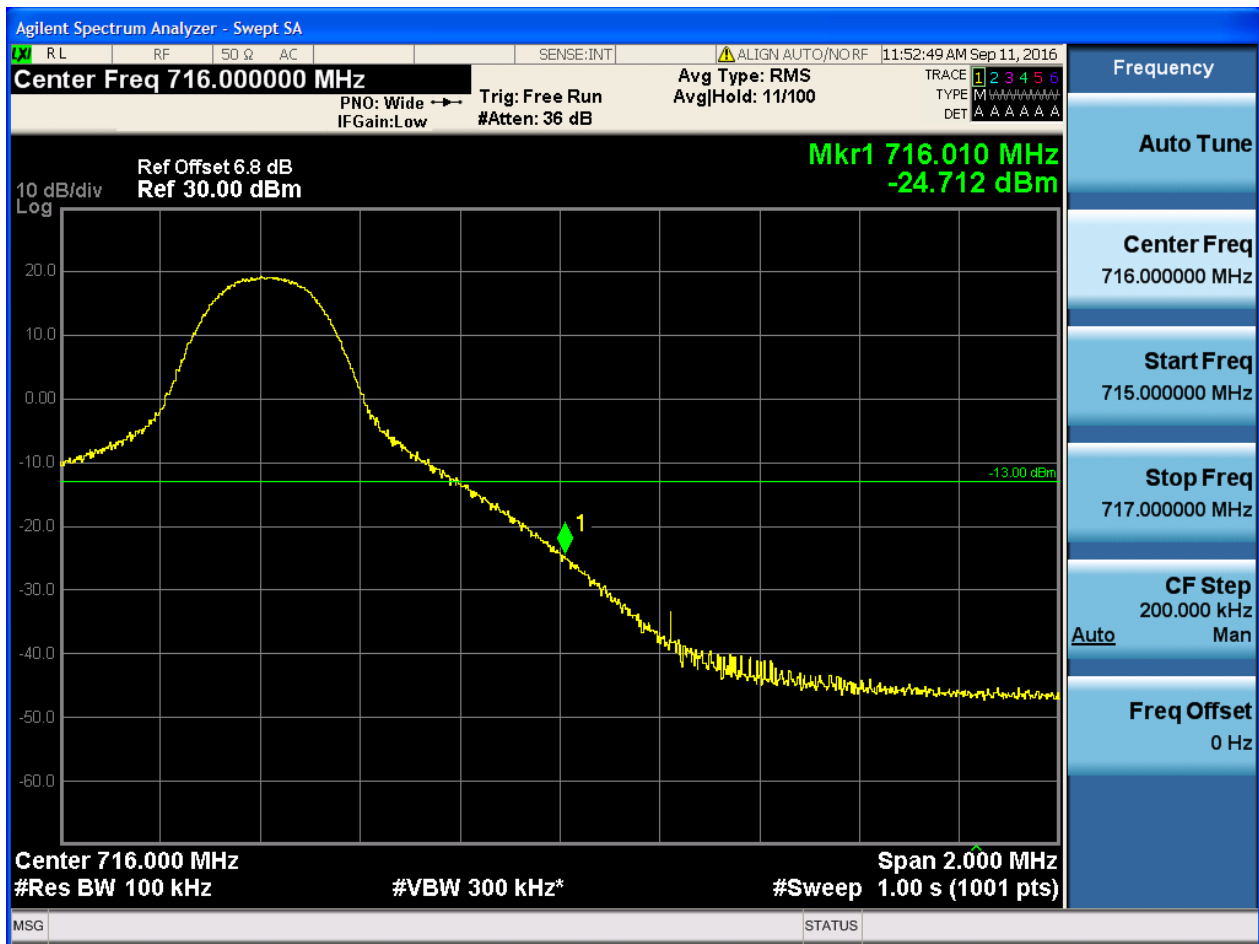
5.1.5.2.4.2 Test Channel = HCH

5.1.5.2.4.2.1 Test RB = RB1#0



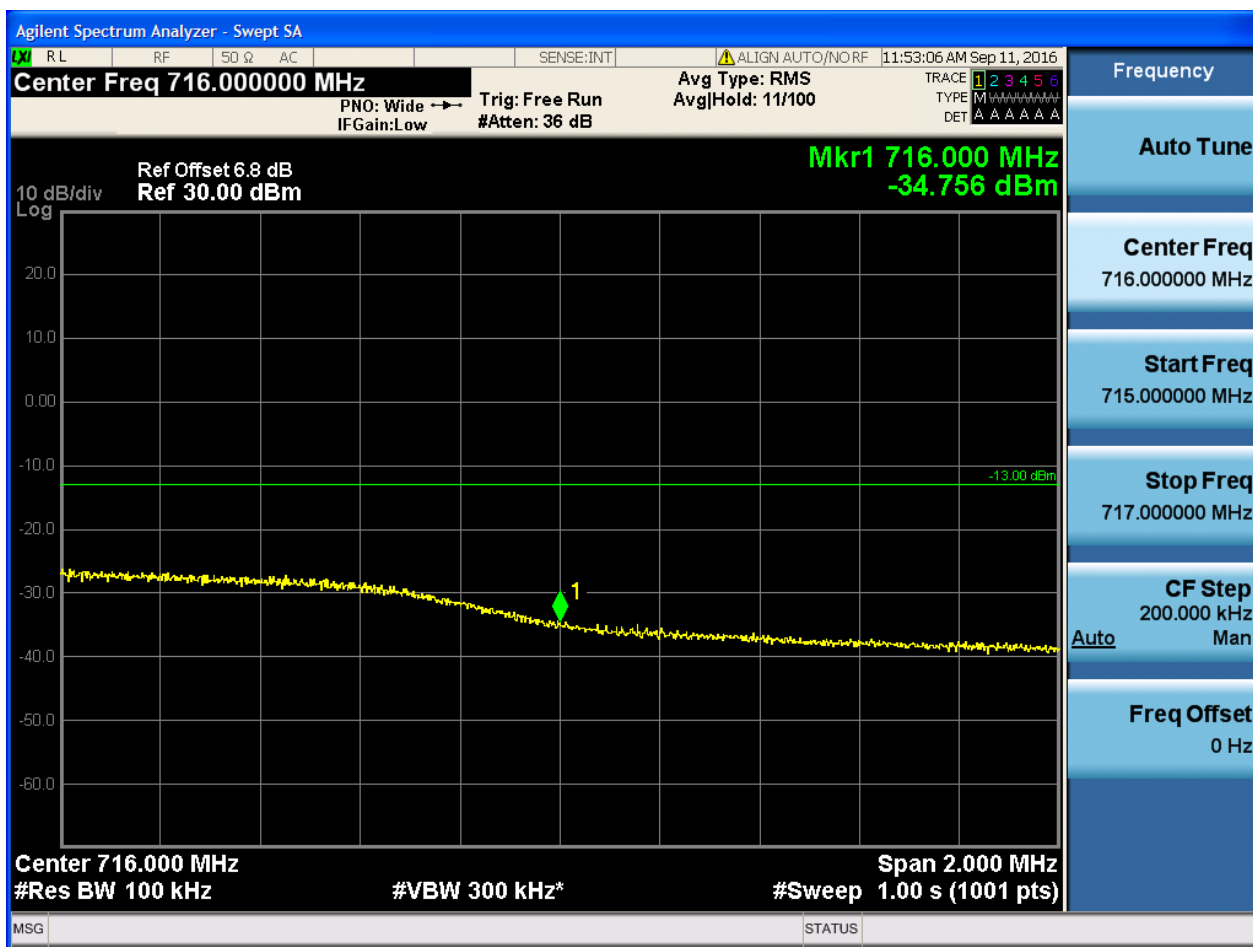


5.1.5.2.4.2.2 Test RB = RB1#49





5.1.5.2.4.2.3 Test RB = RB25#13





5.1.5.2.4.2.4 Test RB = RB50#0



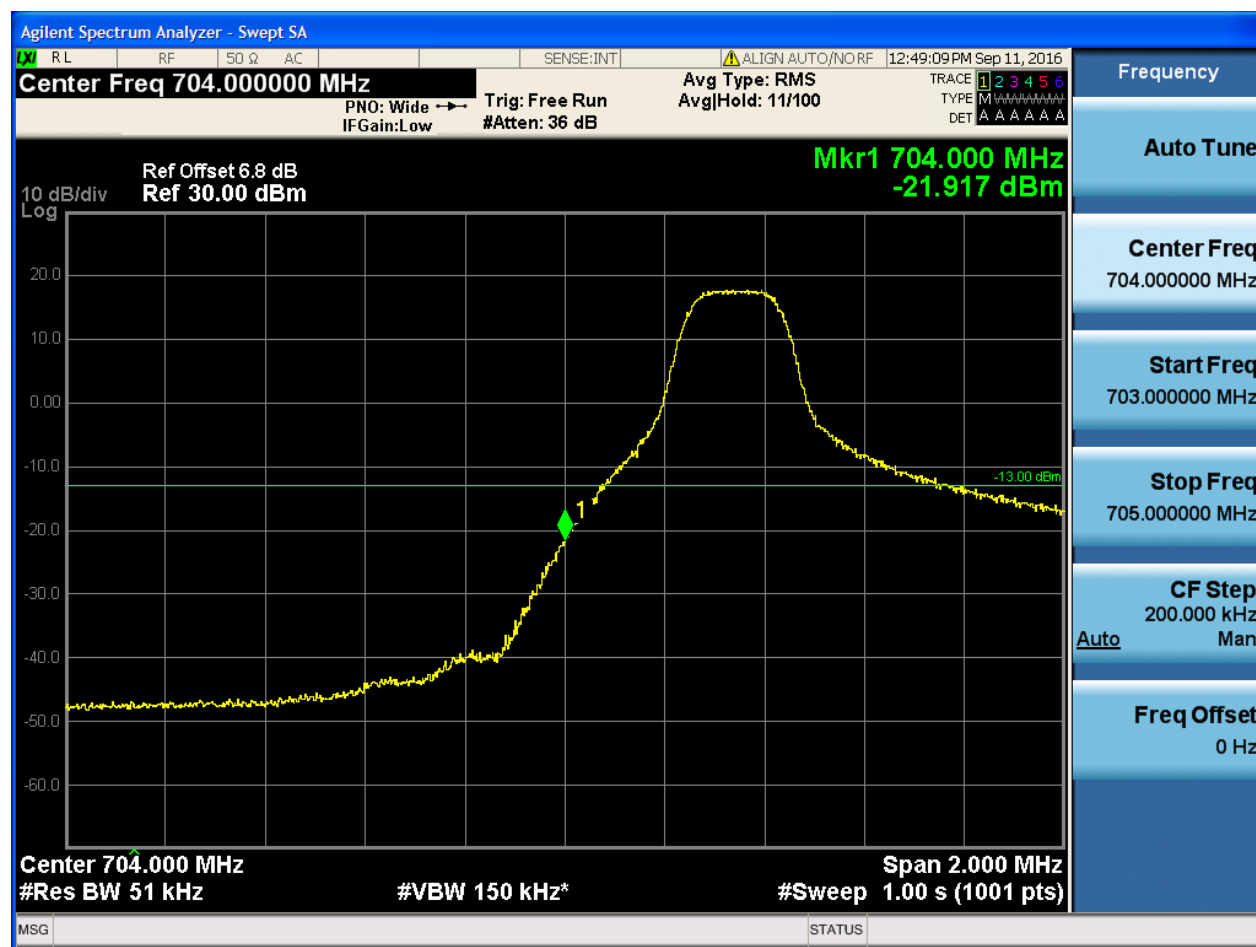
5.1.6 Test Band = BAND17

5.1.6.1 Test Mode = LTE/TM1

5.1.6.1.1 Test Bandwidth = 5

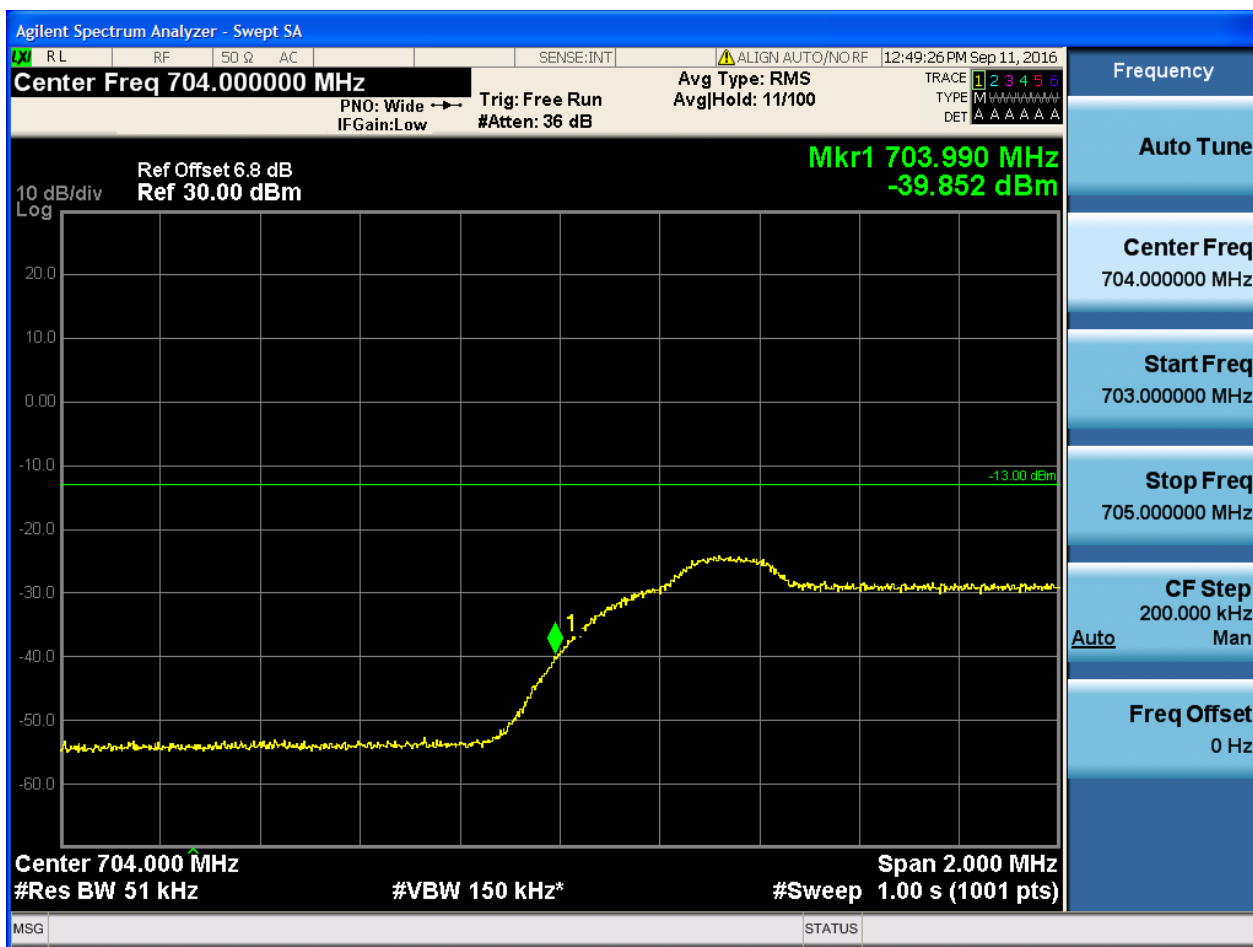
5.1.6.1.1.1 Test Channel = LCH

5.1.6.1.1.1.1 Test RB = RB1#0



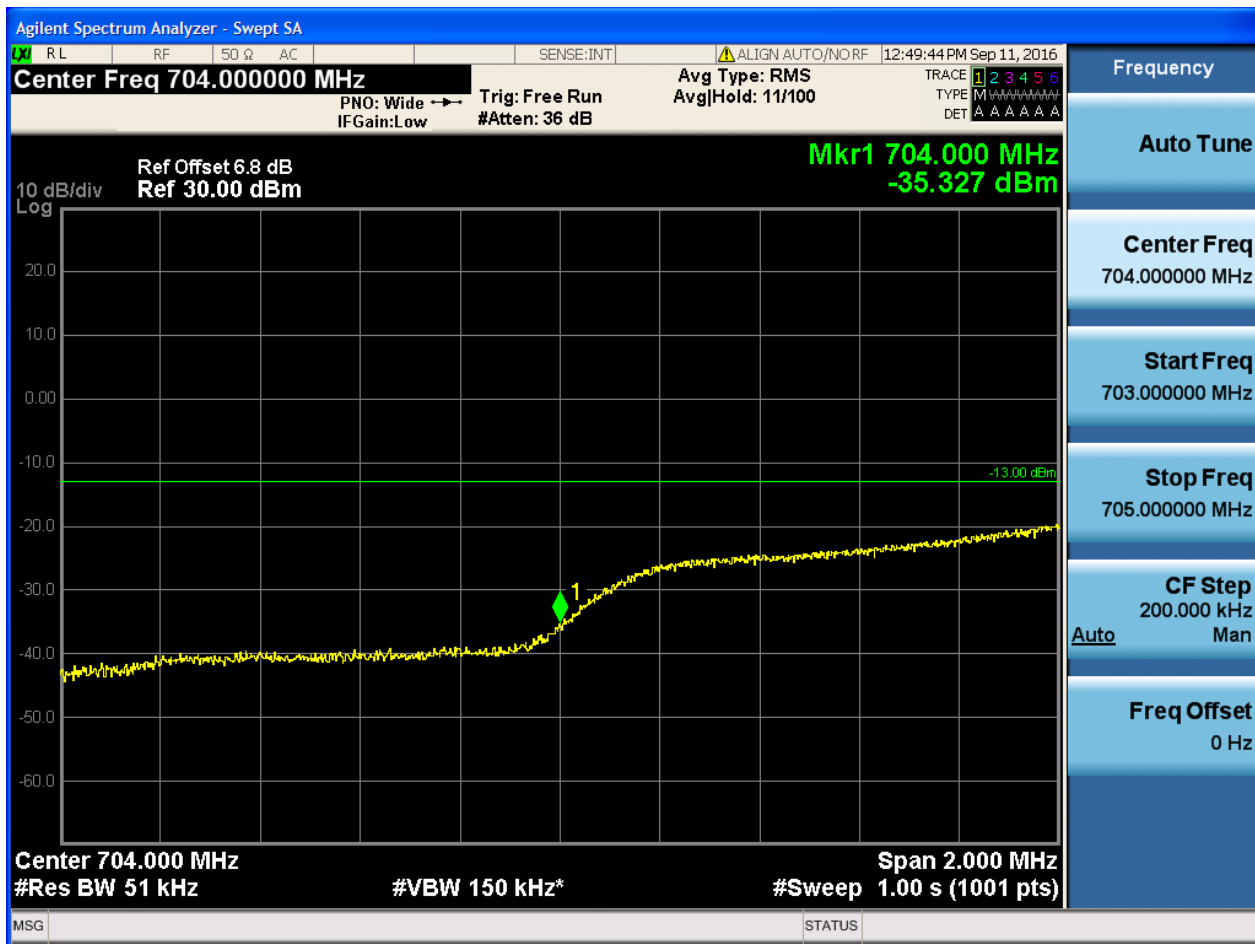


5.1.6.1.1.2 Test RB = RB1#24



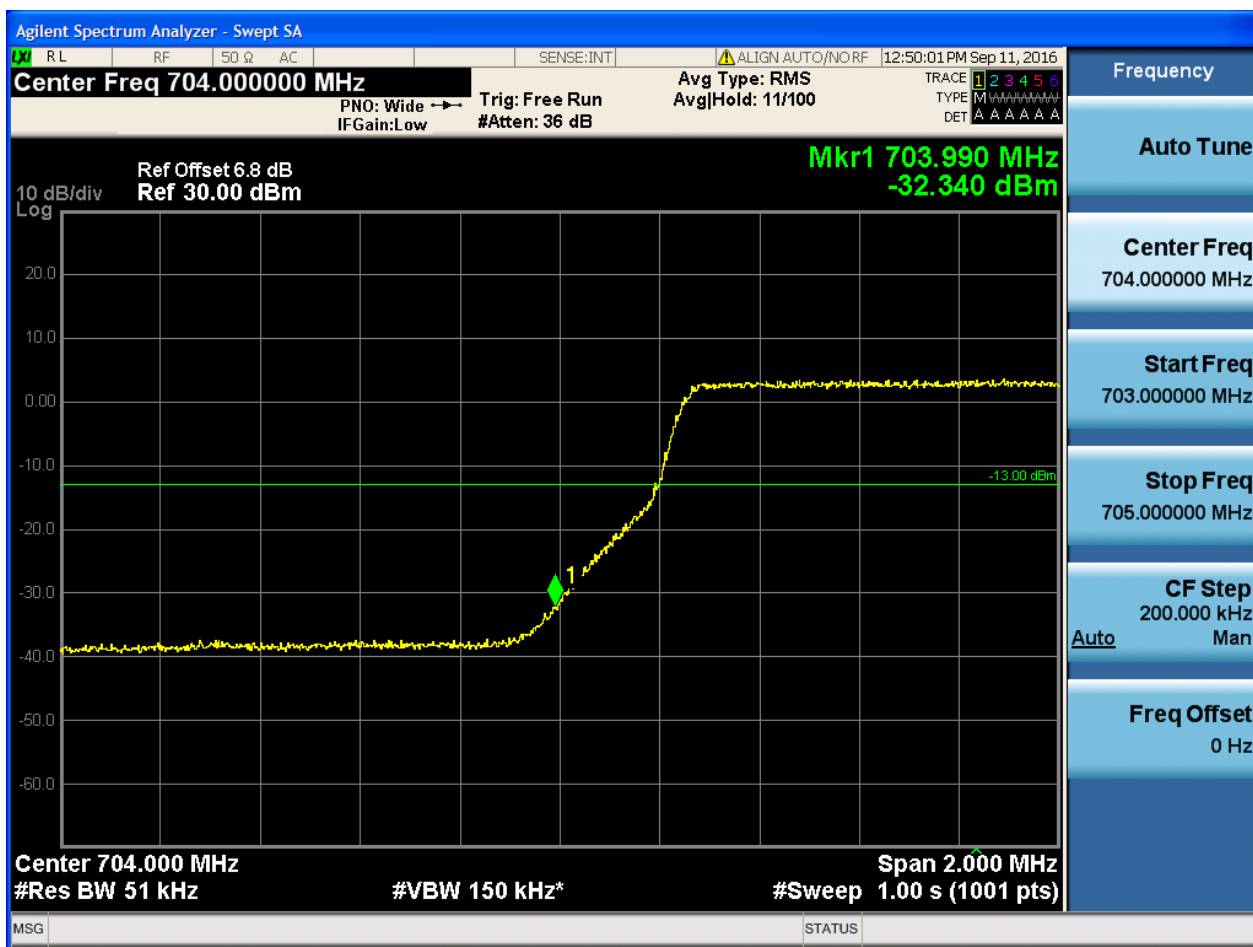


5.1.6.1.1.3 Test RB = RB12#6





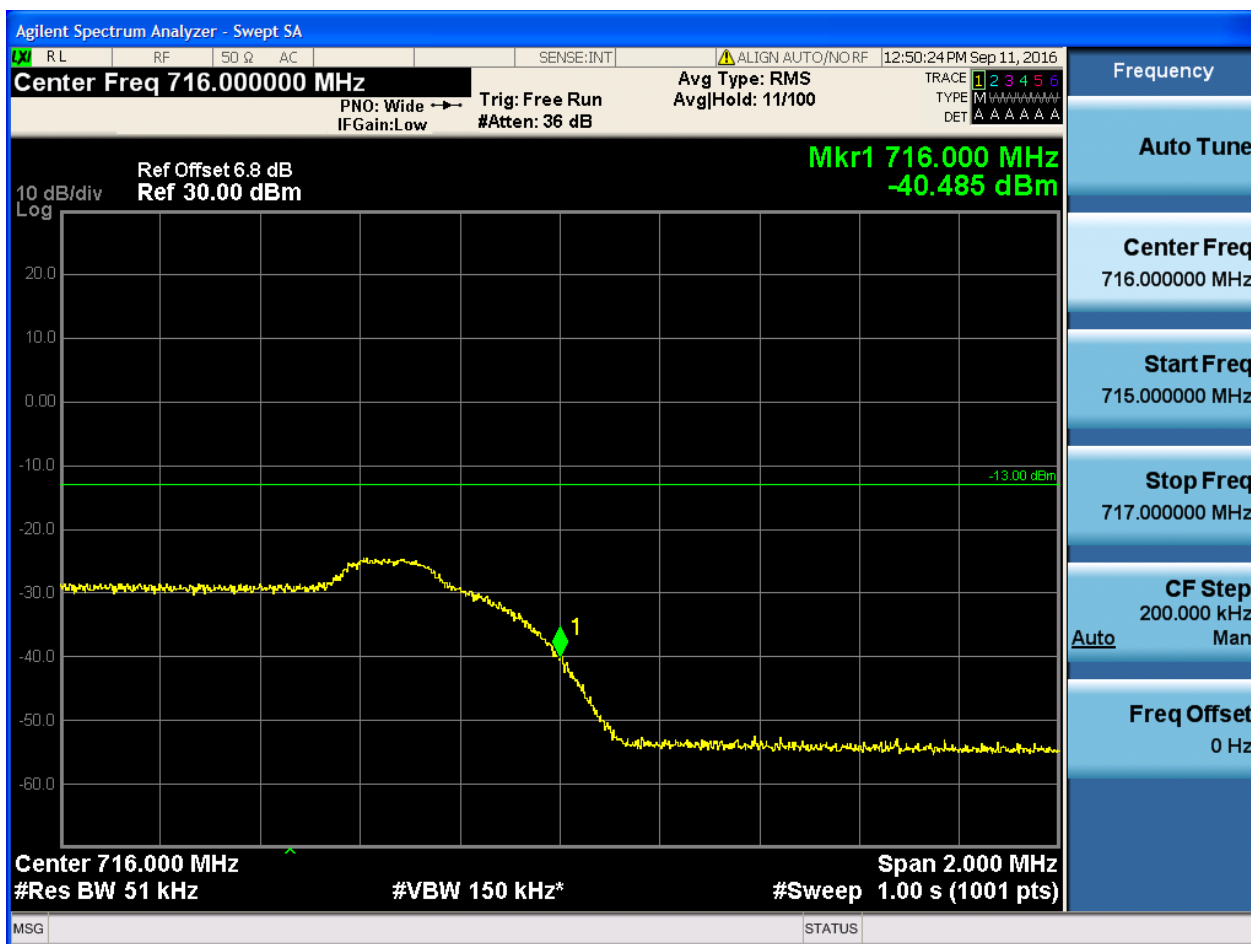
5.1.6.1.1.4 Test RB = RB25#0





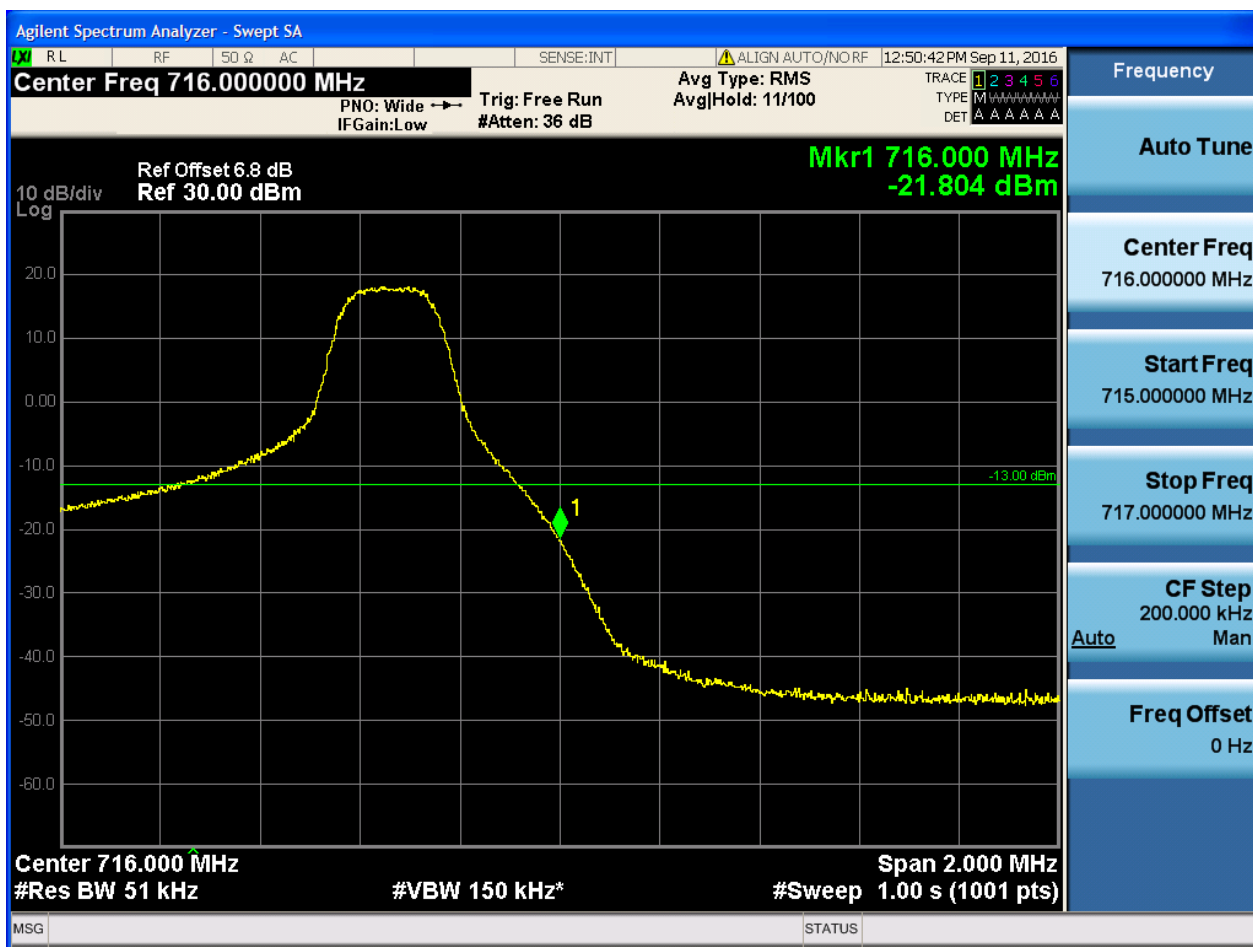
5.1.6.1.1.2 Test Channel = HCH

5.1.6.1.1.2.1 Test RB = RB1#0



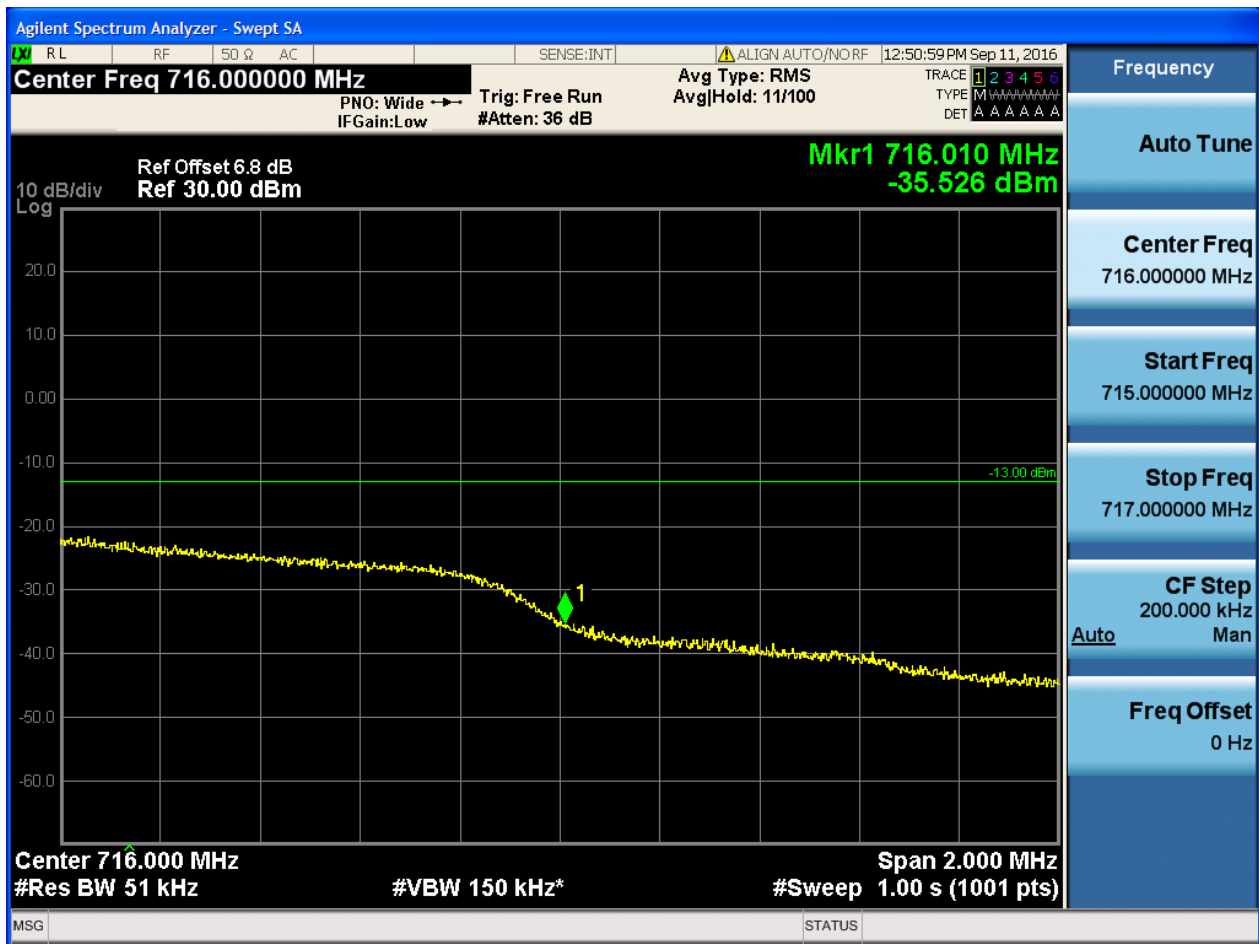


5.1.6.1.1.2.2 Test RB = RB1#24





5.1.6.1.1.2.3 Test RB = RB12#6





5.1.6.1.1.2.4 Test RB = RB25#0

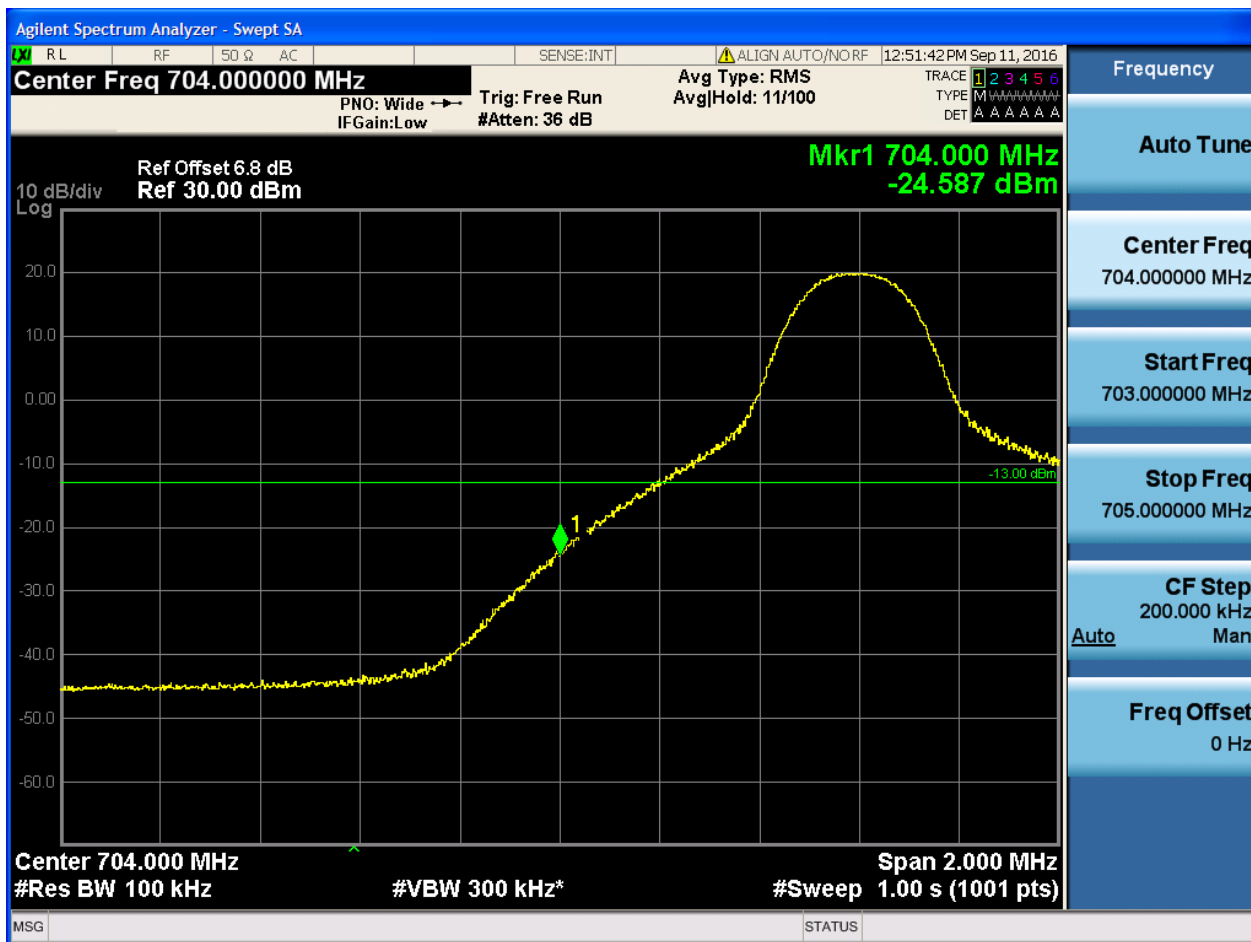




5.1.6.1.2 Test Bandwidth = 10

5.1.6.1.2.1 Test Channel = LCH

5.1.6.1.2.1.1 Test RB = RB1#0



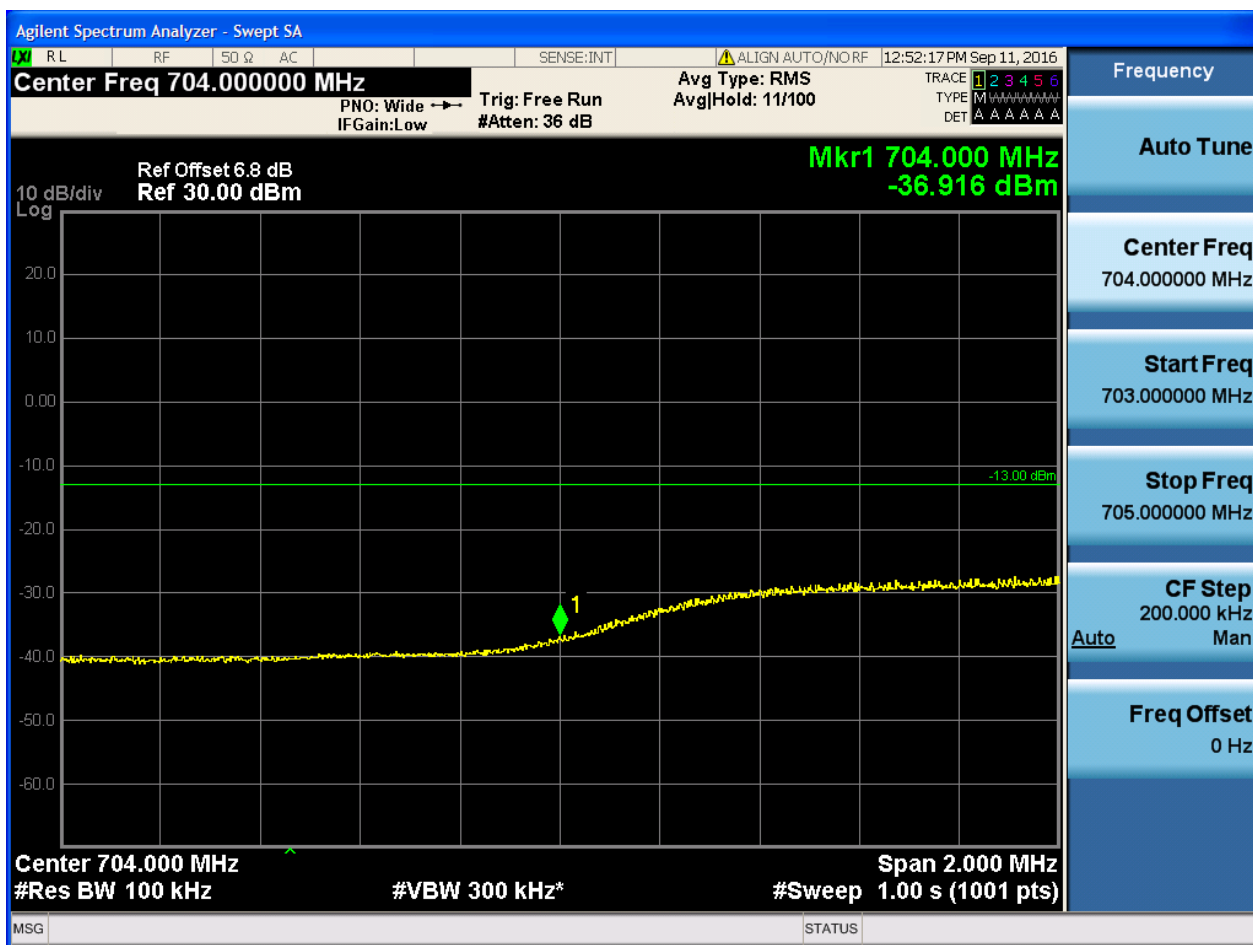


5.1.6.1.2.1.2 Test RB = RB1#49





5.1.6.1.2.1.3 Test RB = RB25#13





5.1.6.1.2.1.4 Test RB = RB50#0





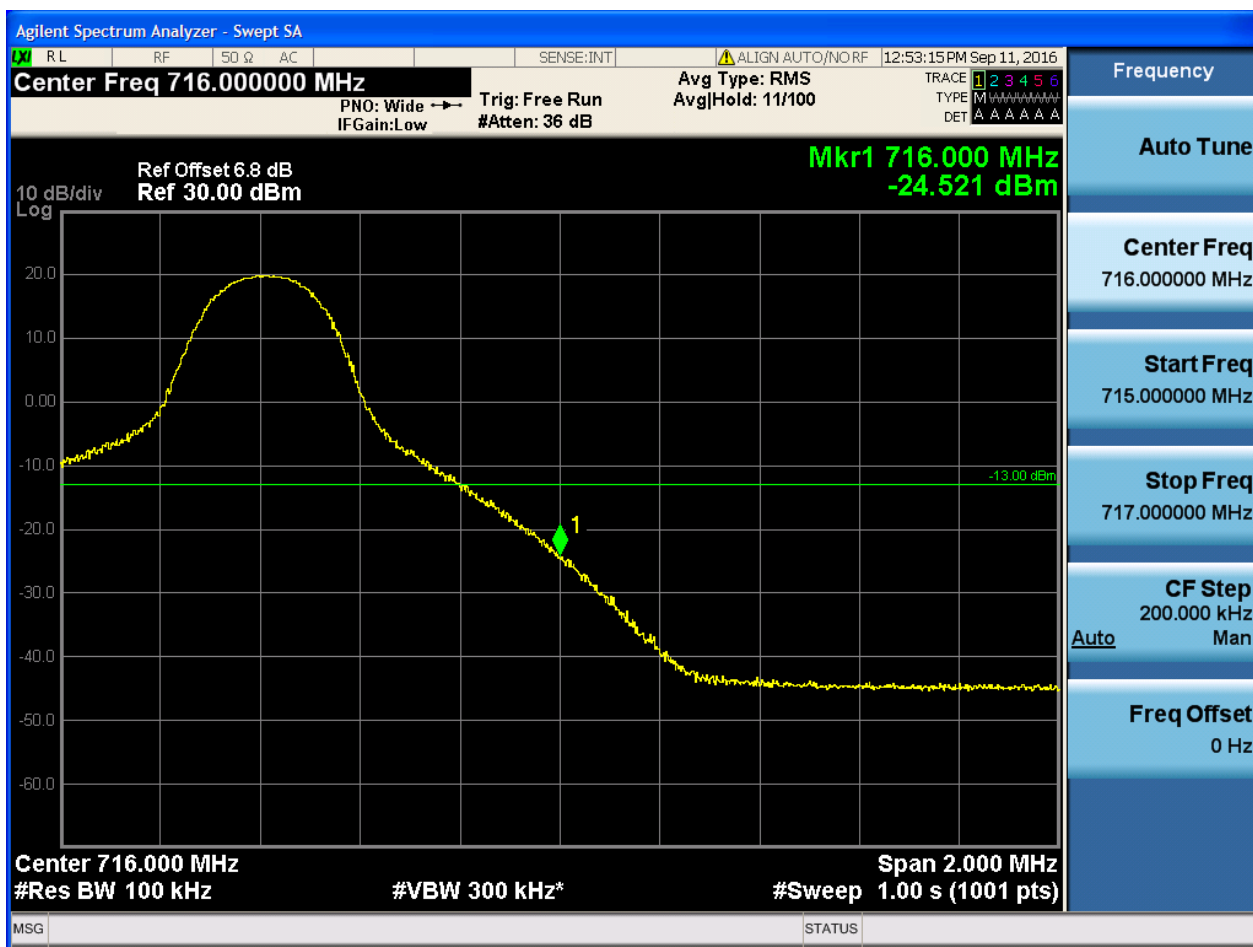
5.1.6.1.2.2 Test Channel = HCH

5.1.6.1.2.2.1 Test RB = RB1#0



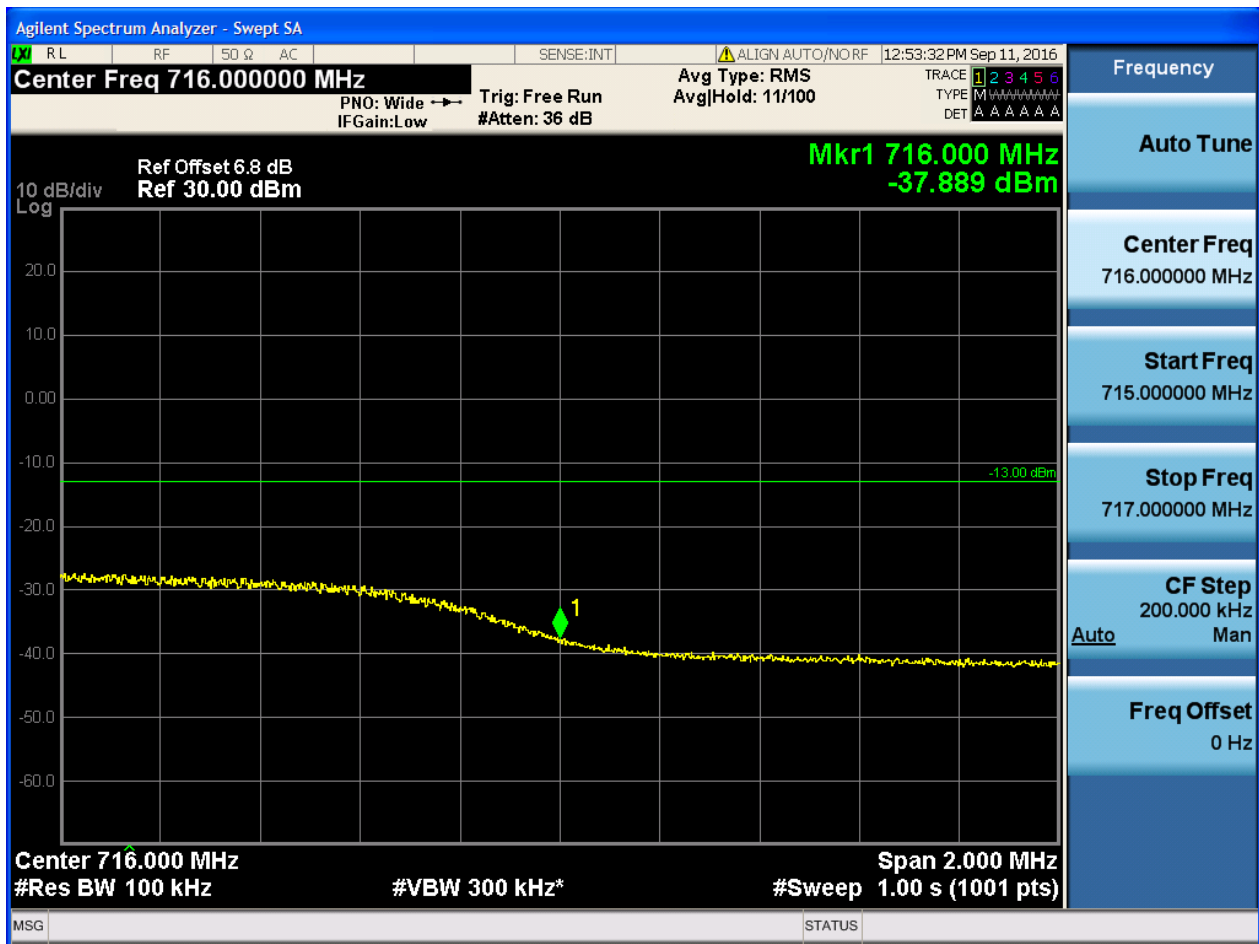


5.1.6.1.2.2.2 Test RB = RB1#49





5.1.6.1.2.2.3 Test RB = RB25#13





5.1.6.1.2.2.4 Test RB = RB50#0



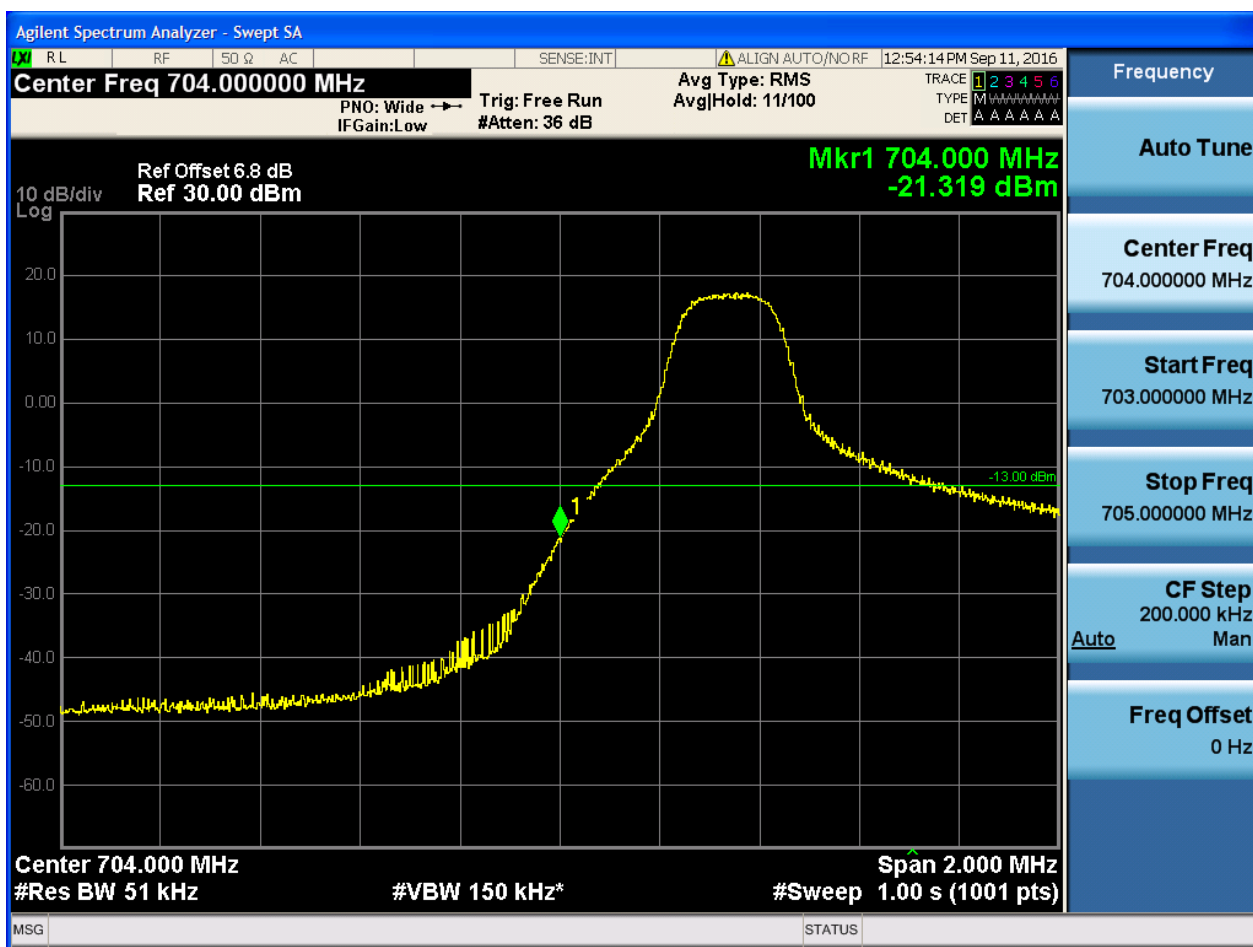


5.1.6.2 Test Mode = LTE/TM2

5.1.6.2.1 Test Bandwidth = 5

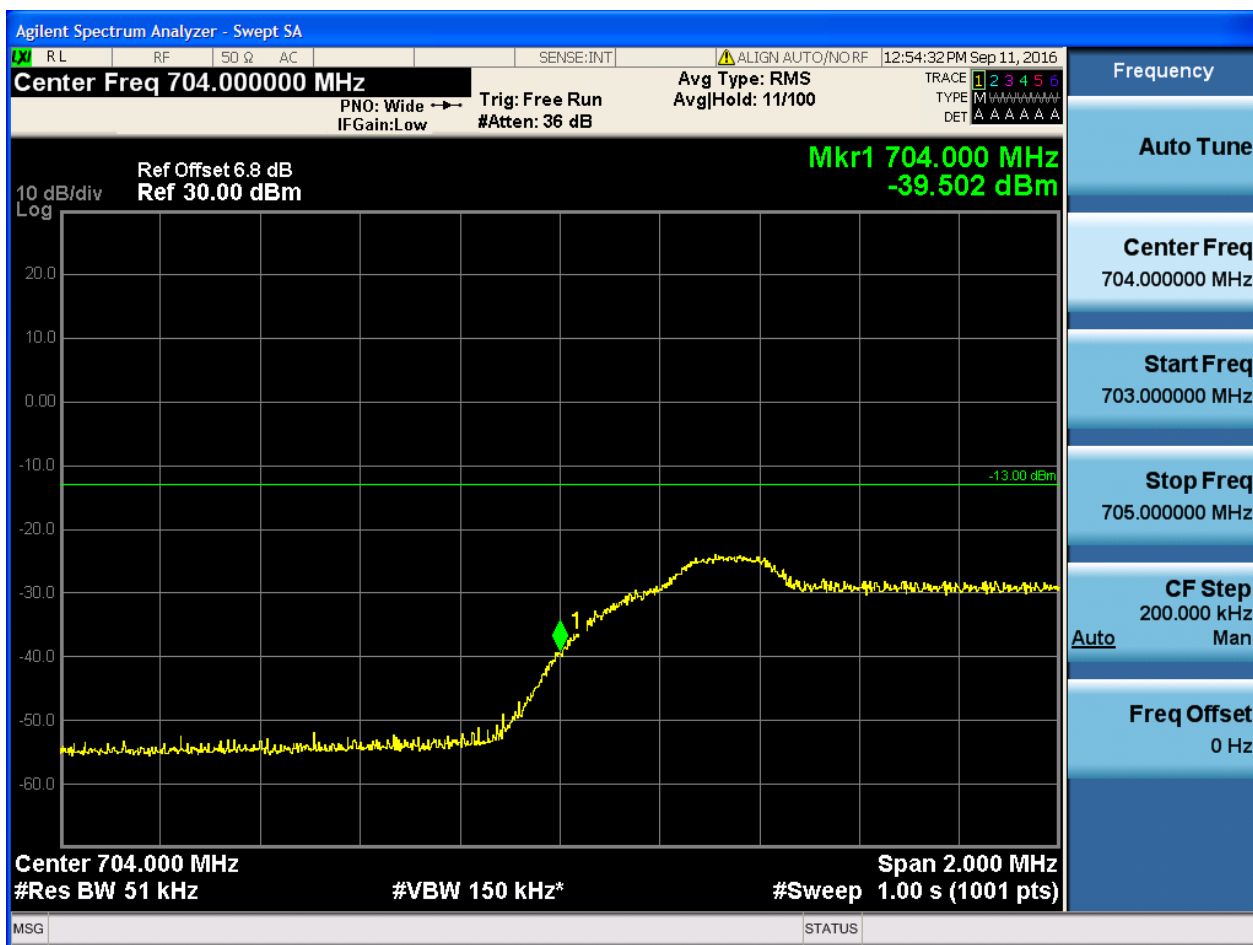
5.1.6.2.1.1 Test Channel = LCH

5.1.6.2.1.1.1 Test RB = RB1#0





5.1.6.2.1.1.2 Test RB = RB1#24



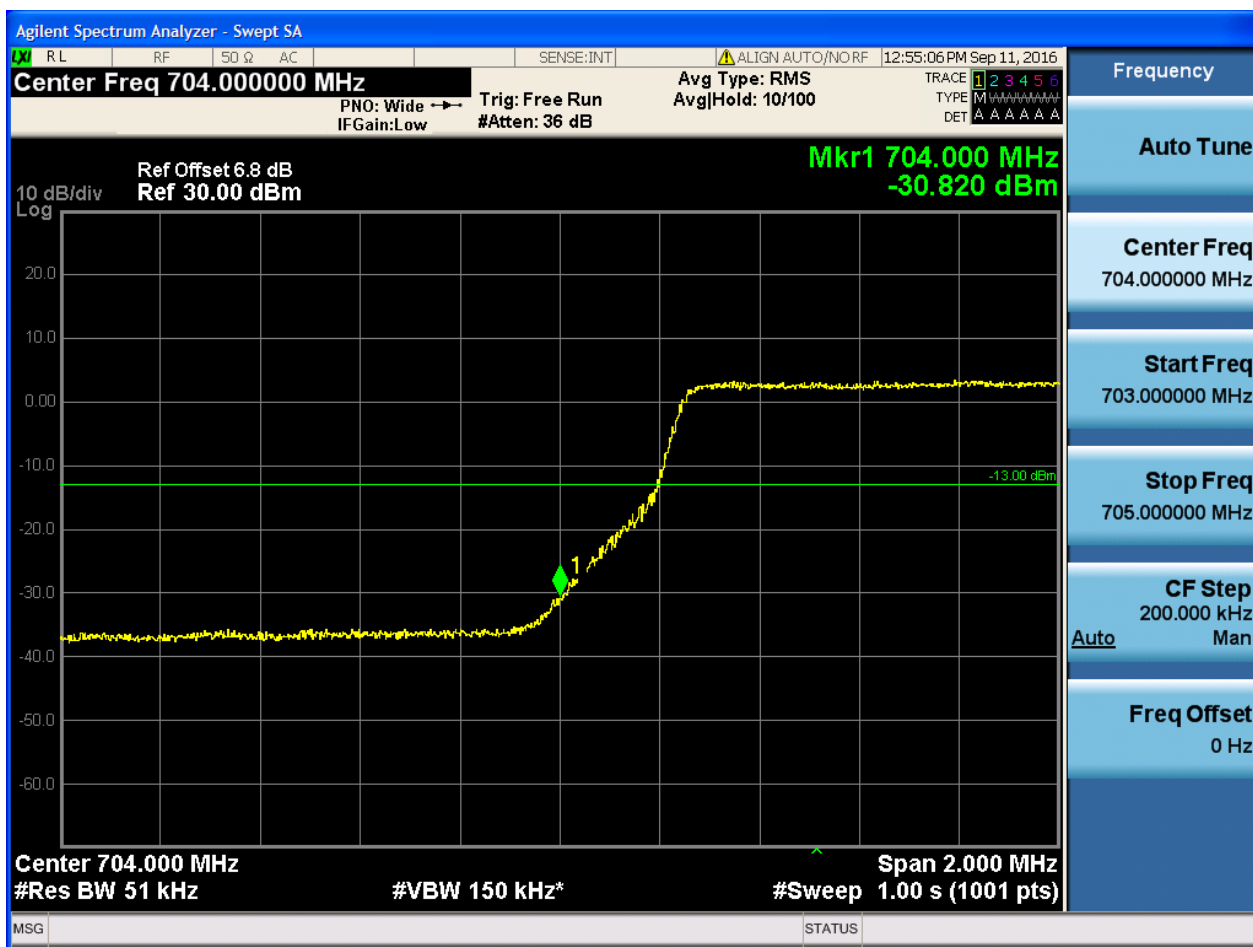


5.1.6.2.1.1.3 Test RB = RB12#6



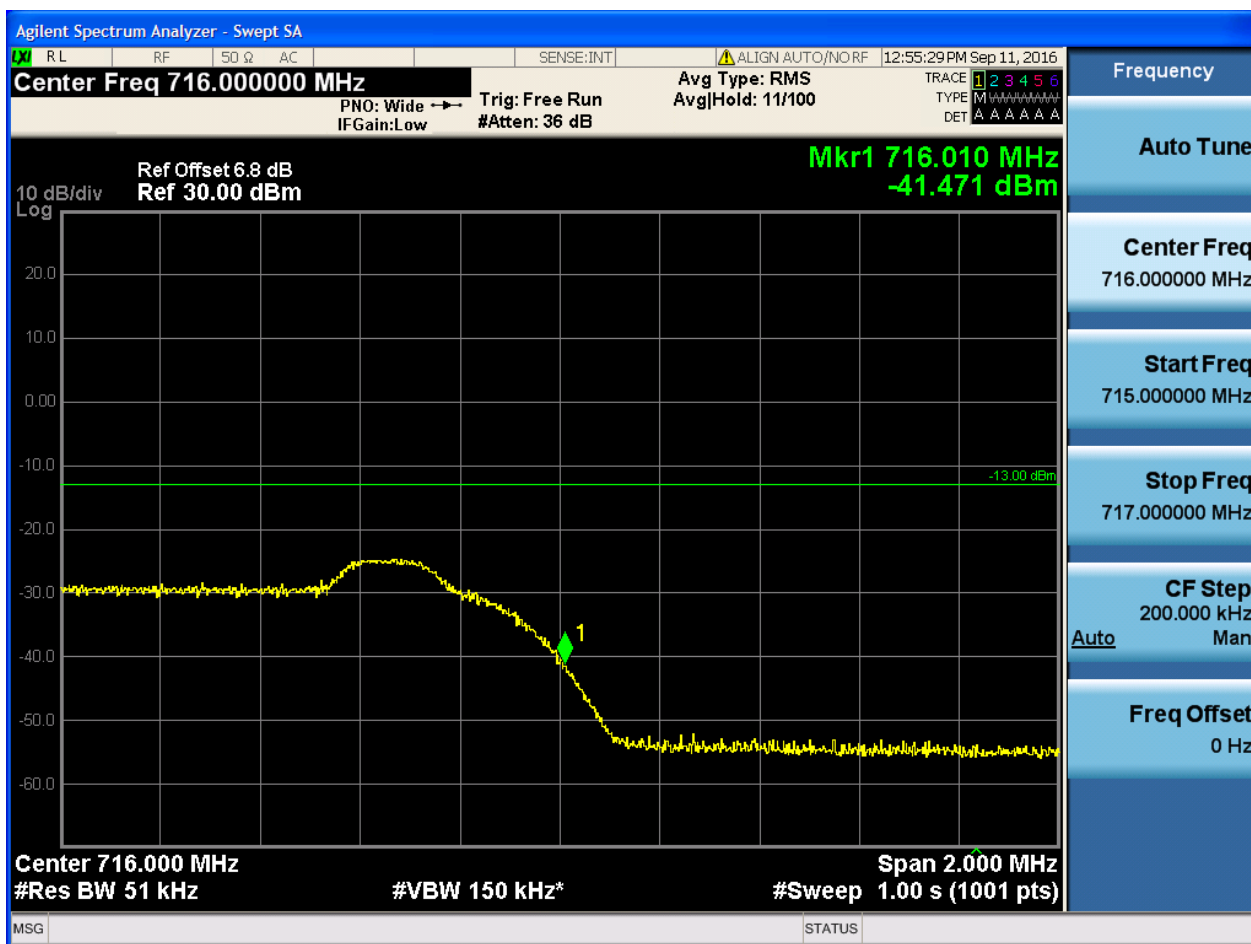


5.1.6.2.1.1.4 Test RB = RB25#0



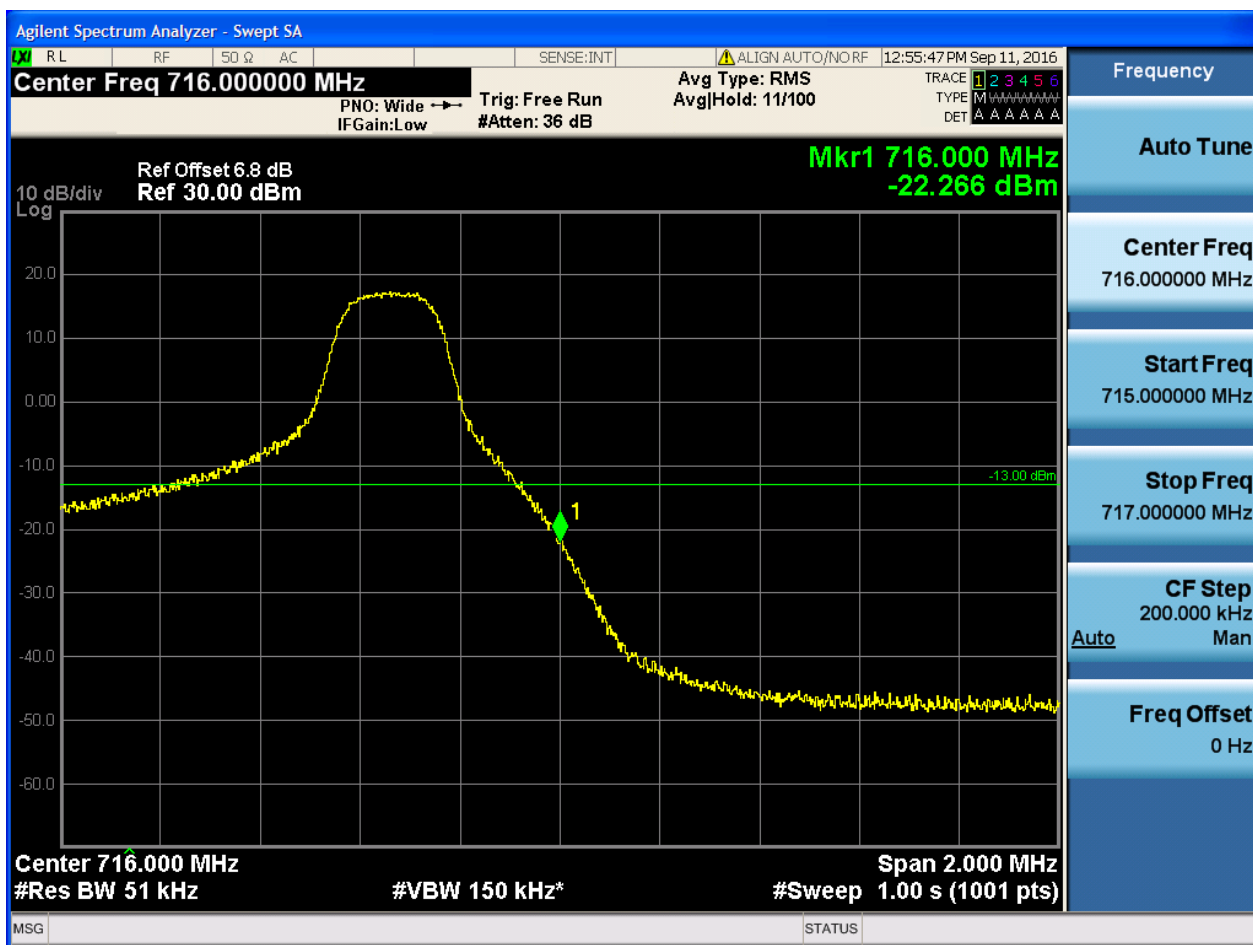
5.1.6.2.1.2 Test Channel = HCH

5.1.6.2.1.2.1 Test RB = RB1#0





5.1.6.2.1.2.2 Test RB = RB1#24





5.1.6.2.1.2.3 Test RB = RB12#6





5.1.6.2.1.2.4 Test RB = RB25#0

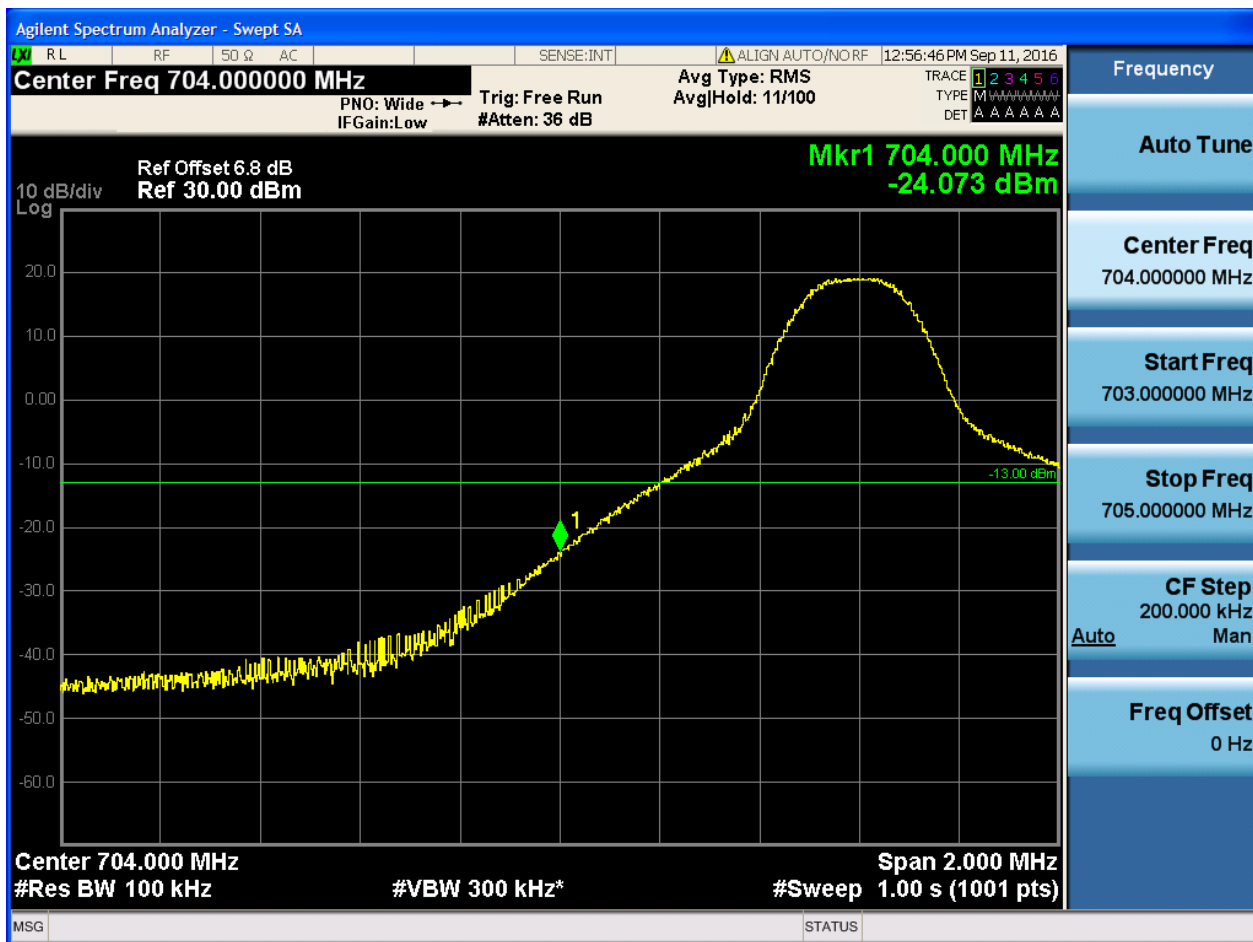




5.1.6.2.2 Test Bandwidth = 10

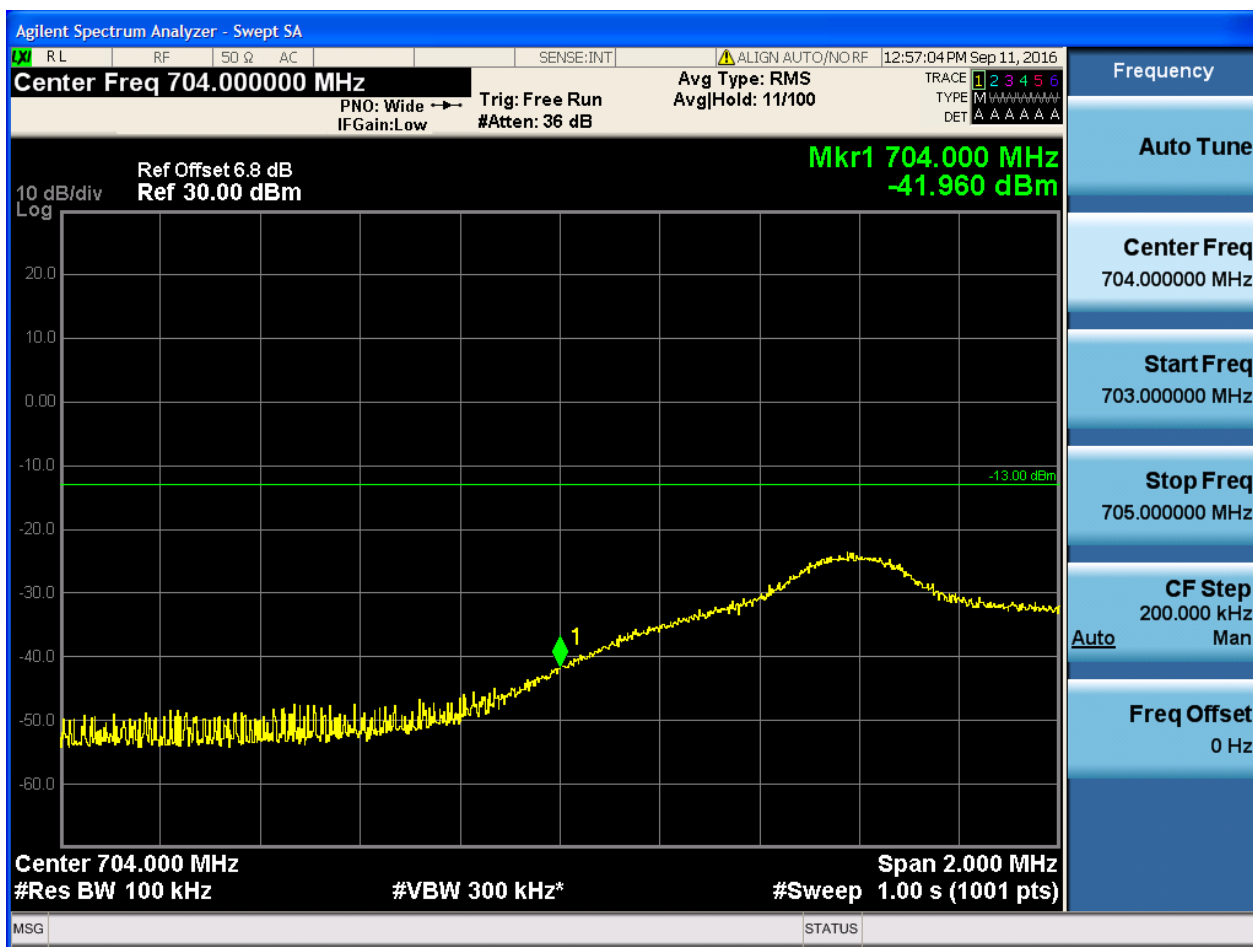
5.1.6.2.2.1 Test Channel = LCH

5.1.6.2.2.1.1 Test RB = RB1#0





5.1.6.2.2.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 704.000000 MHz

Ref Offset 6.8 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

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

Mkr1 703.930 MHz
-37.057 dBm

-13.00 dBm

Center 704.000 MHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
704.000000 MHz

Start Freq
703.000000 MHz

Stop Freq
705.000000 MHz

CF Step
200.000 kHz
Man

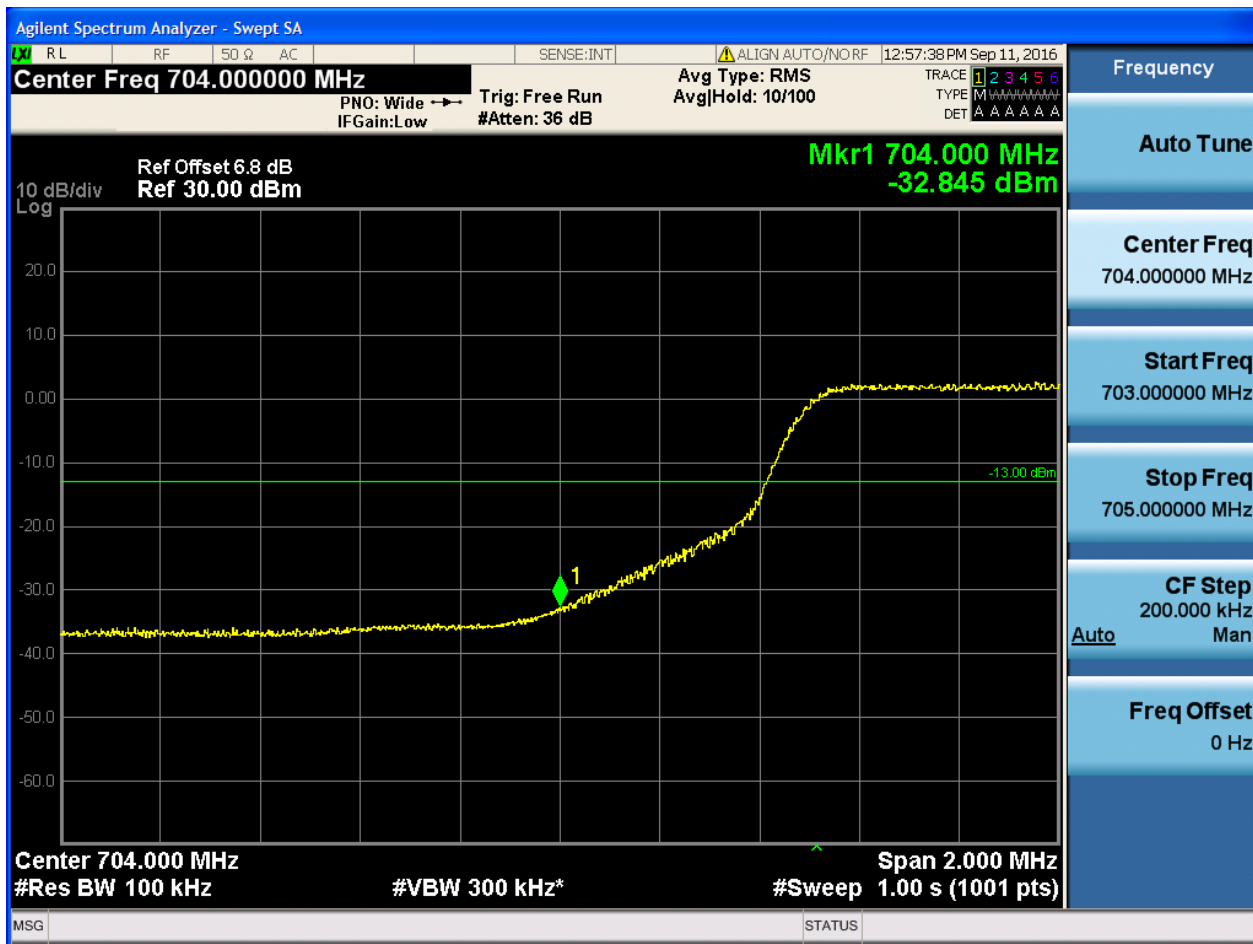
Auto

Freq Offset
0 Hz

MSG STATUS



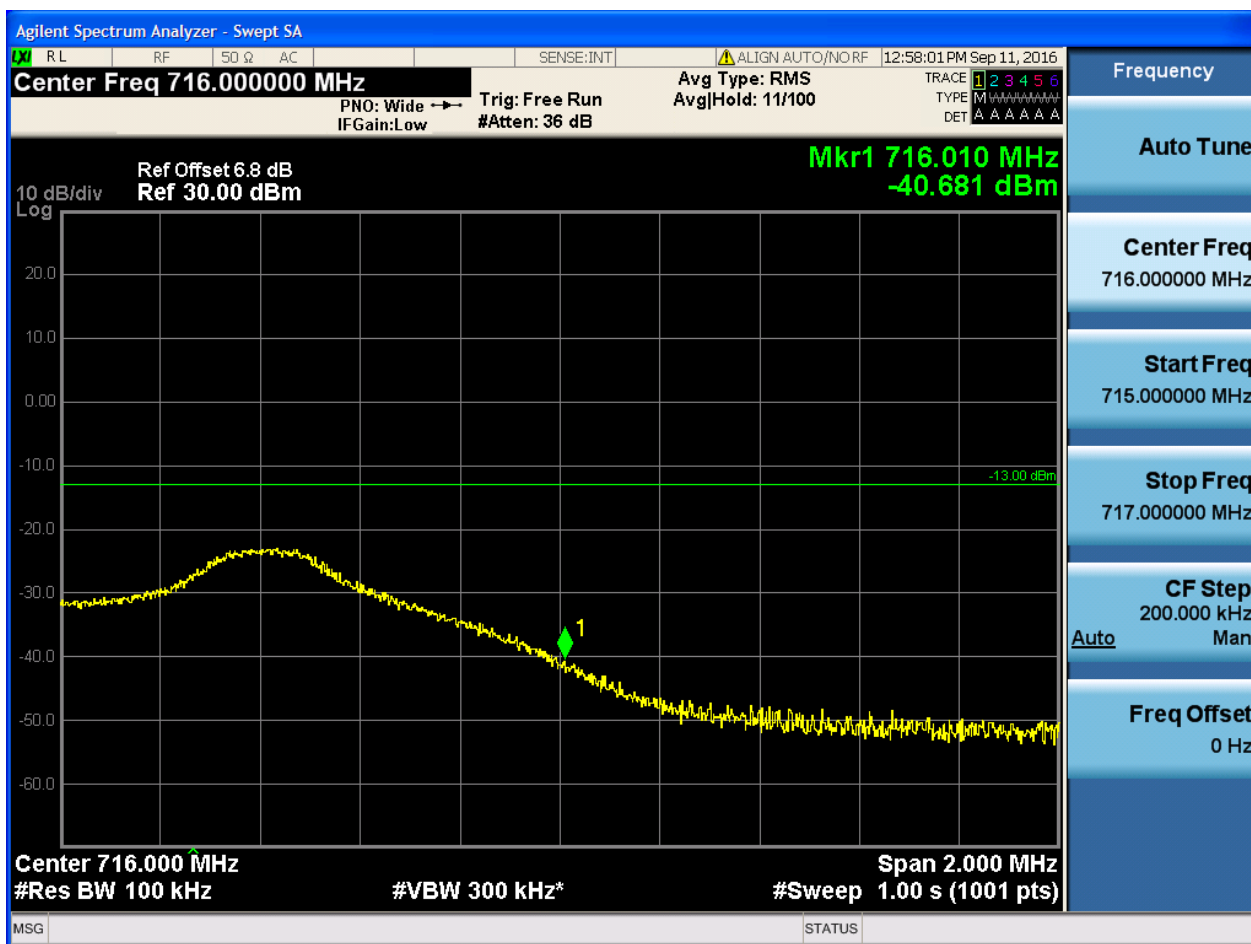
5.1.6.2.2.1.4 Test RB = RB50#0





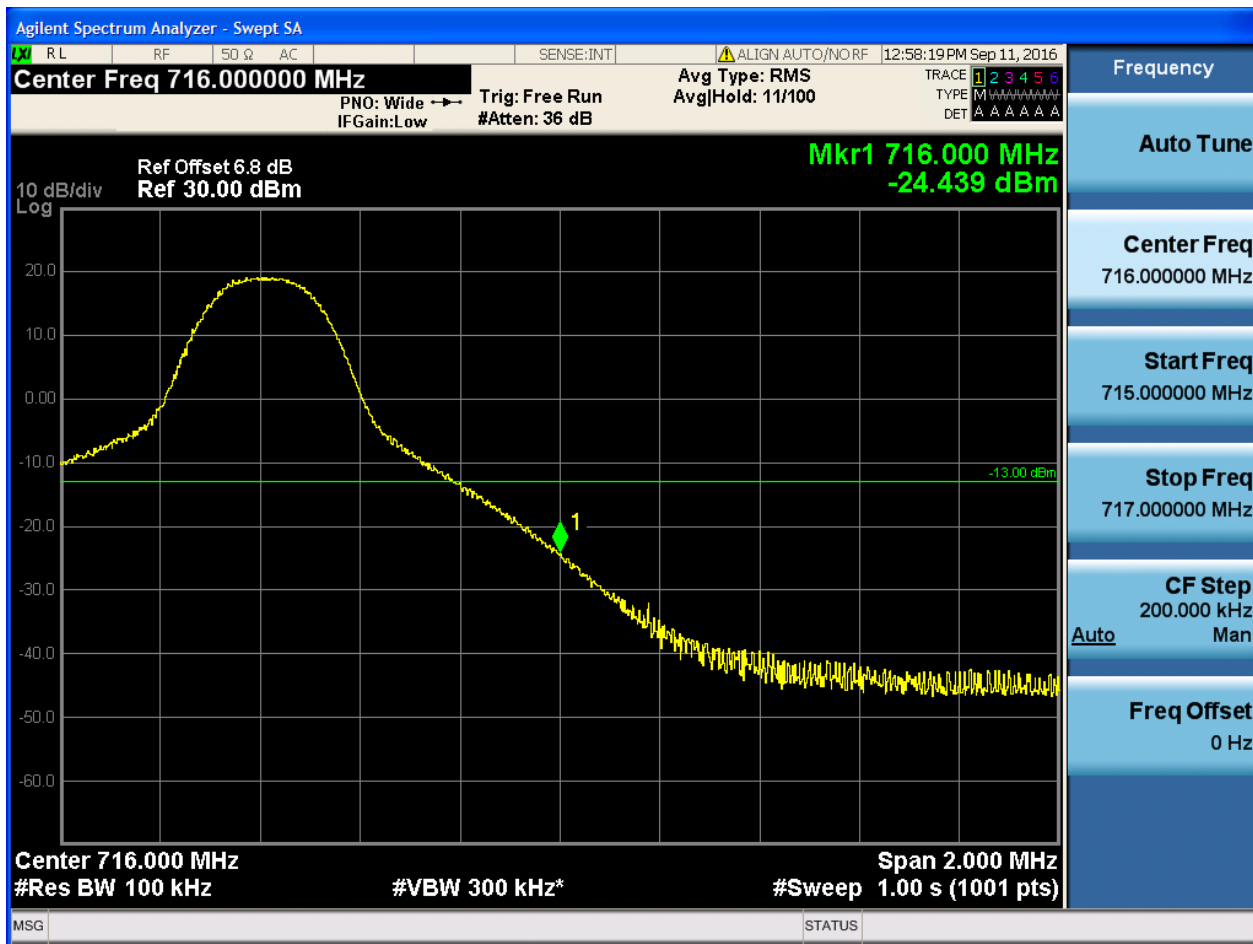
5.1.6.2.2.2 Test Channel = HCH

5.1.6.2.2.2.1 Test RB = RB1#0



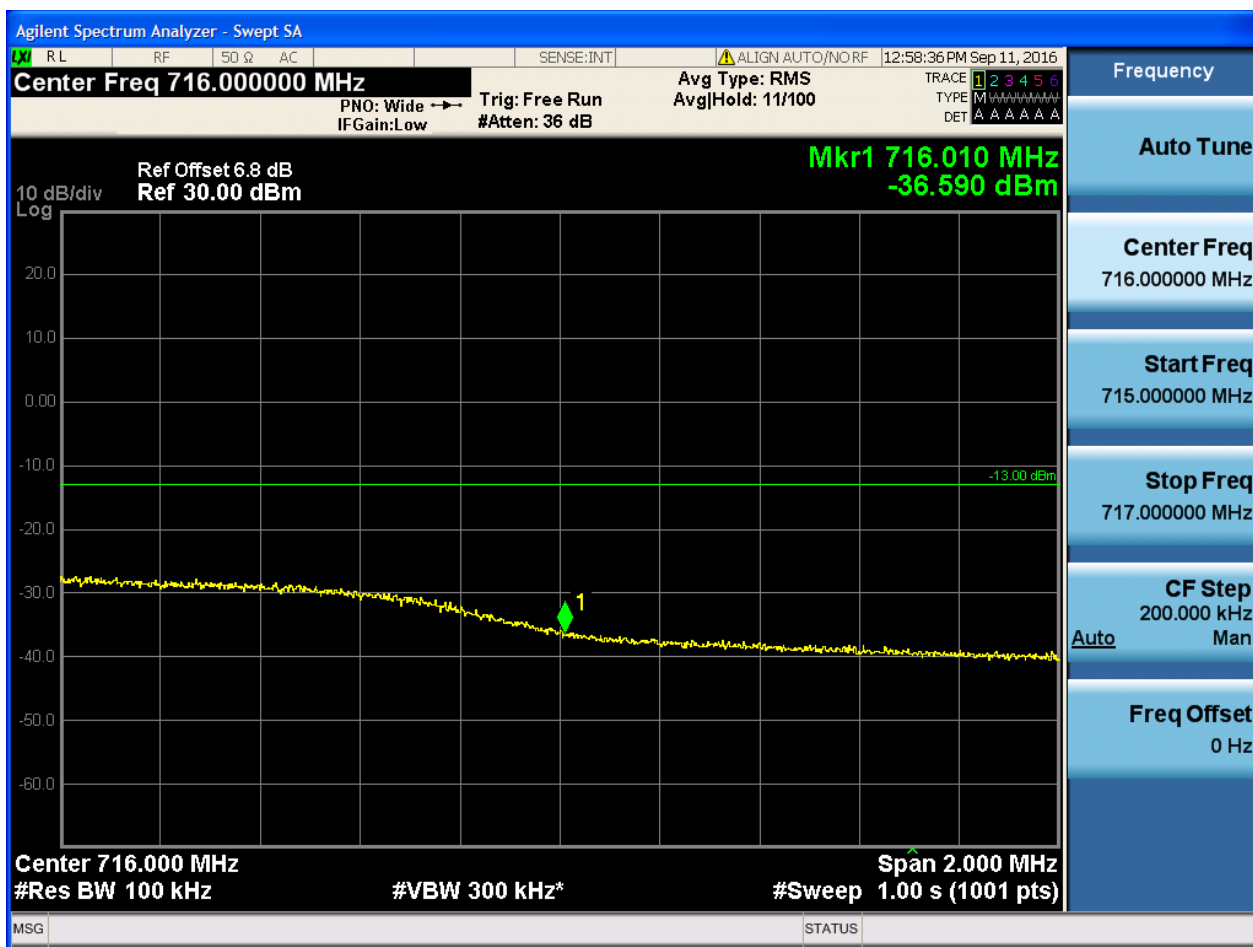


5.1.6.2.2.2 Test RB = RB1#49





5.1.6.2.2.3 Test RB = RB25#13





5.1.6.2.2.4 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

6.1 For LTE

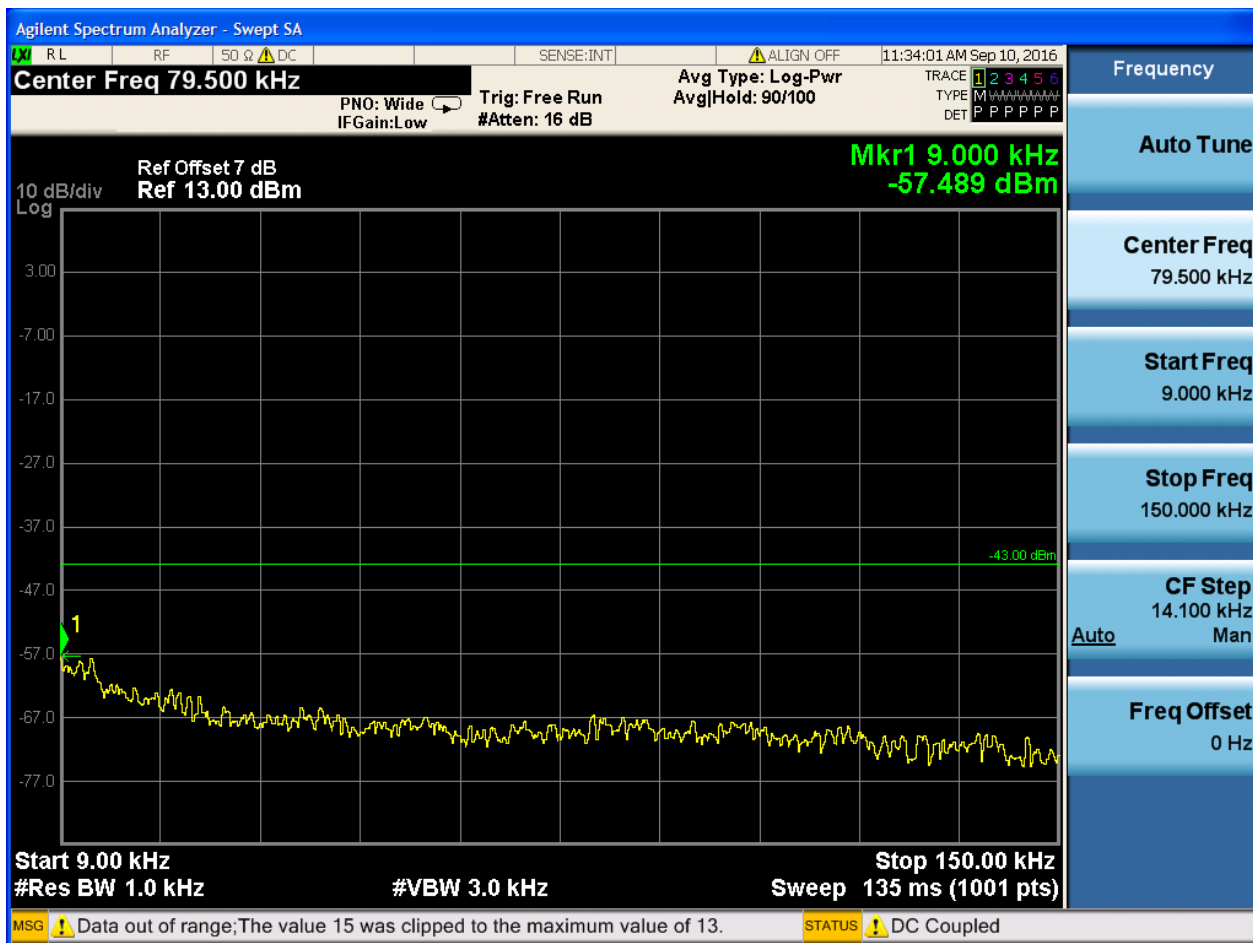
6.1.1 Test Band = BAND2

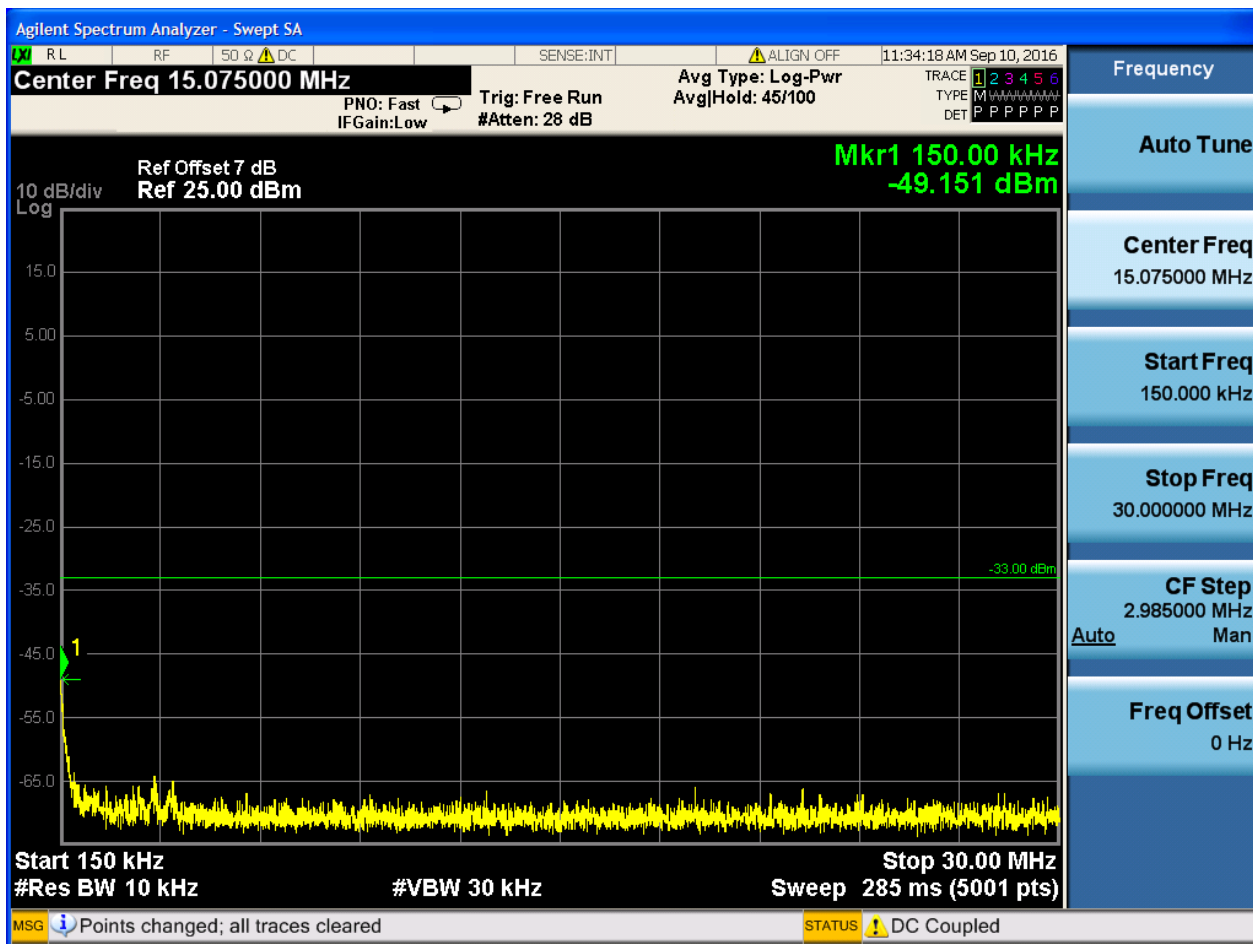
6.1.1.1 Test Mode = LTE/TM1

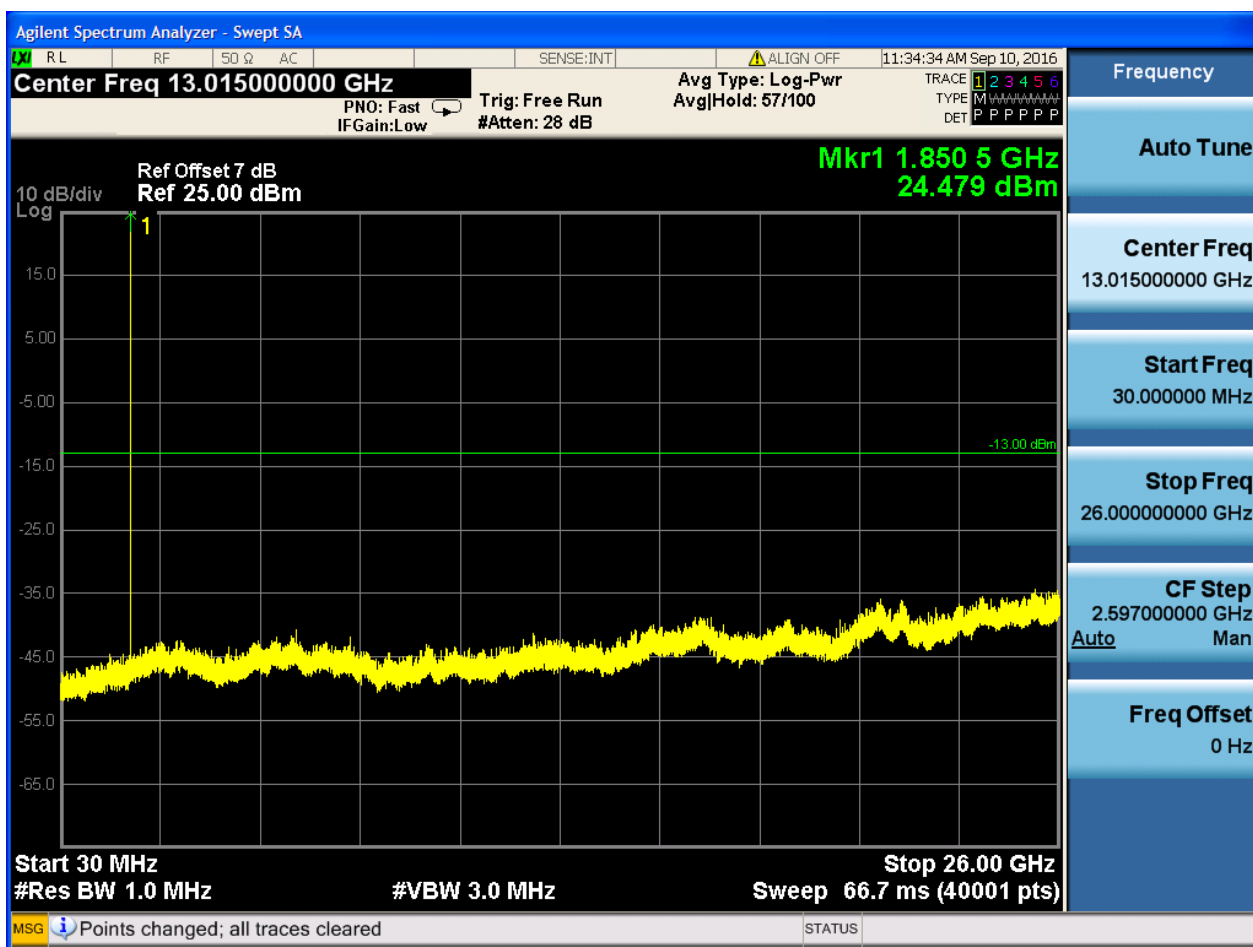
6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0



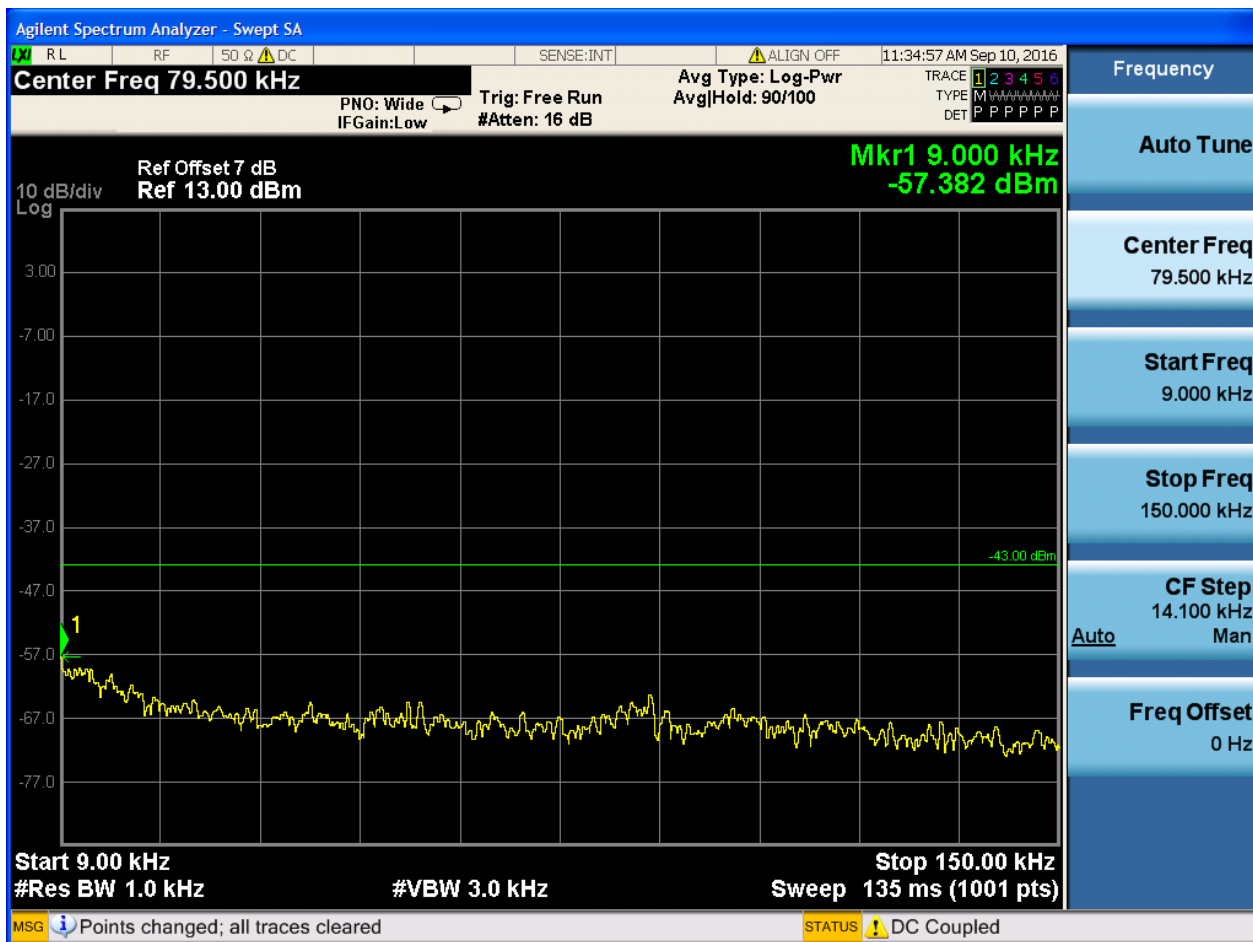


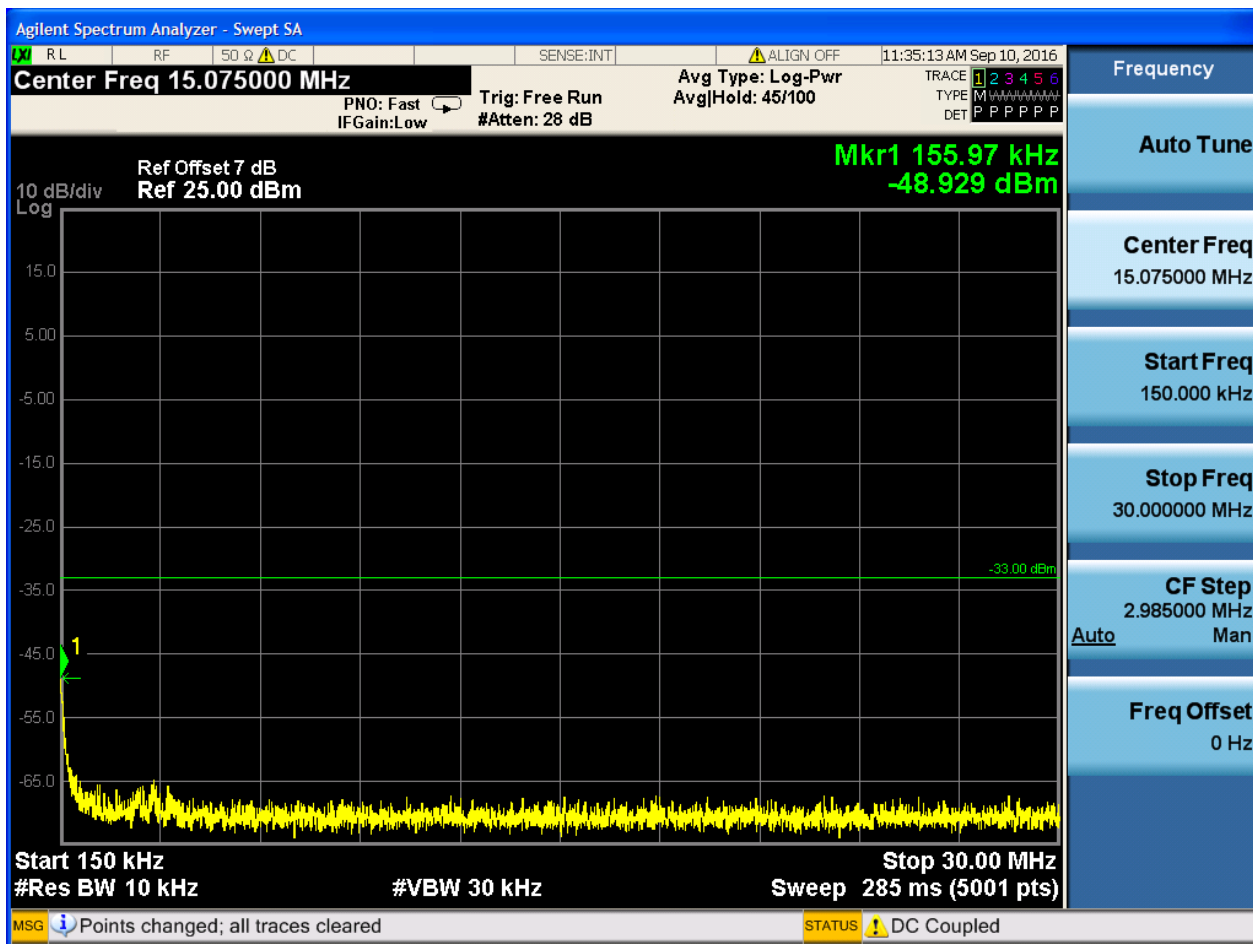


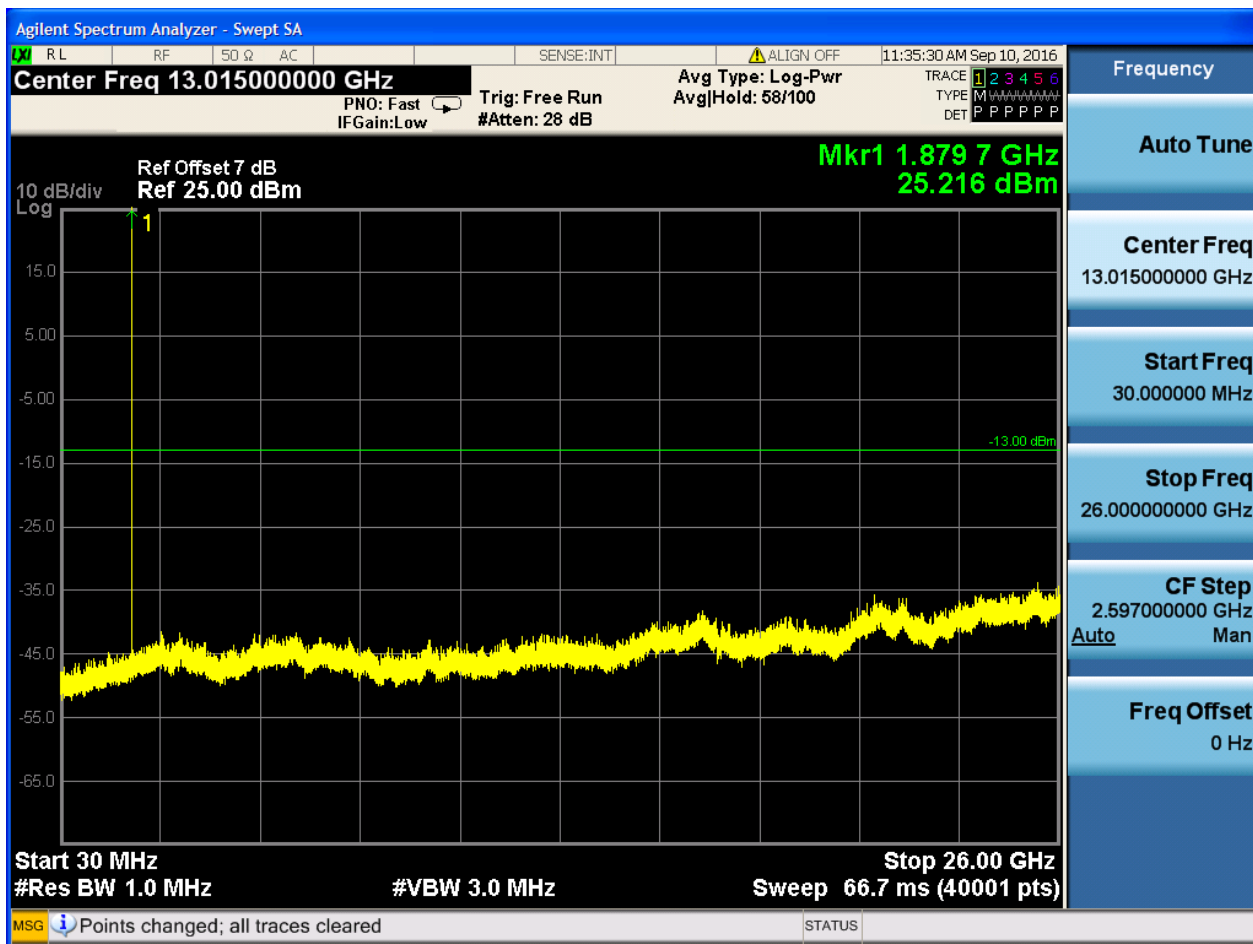


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

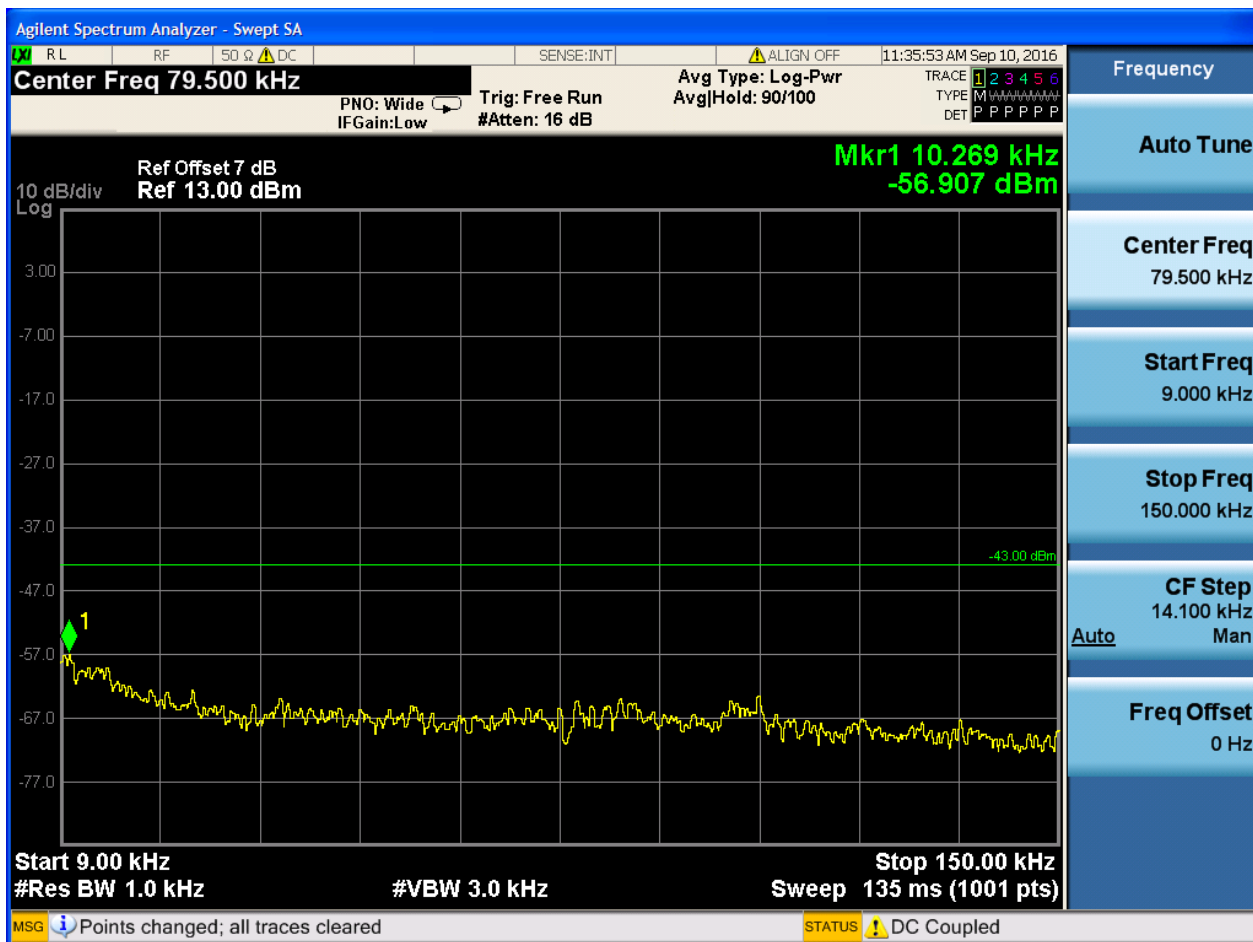


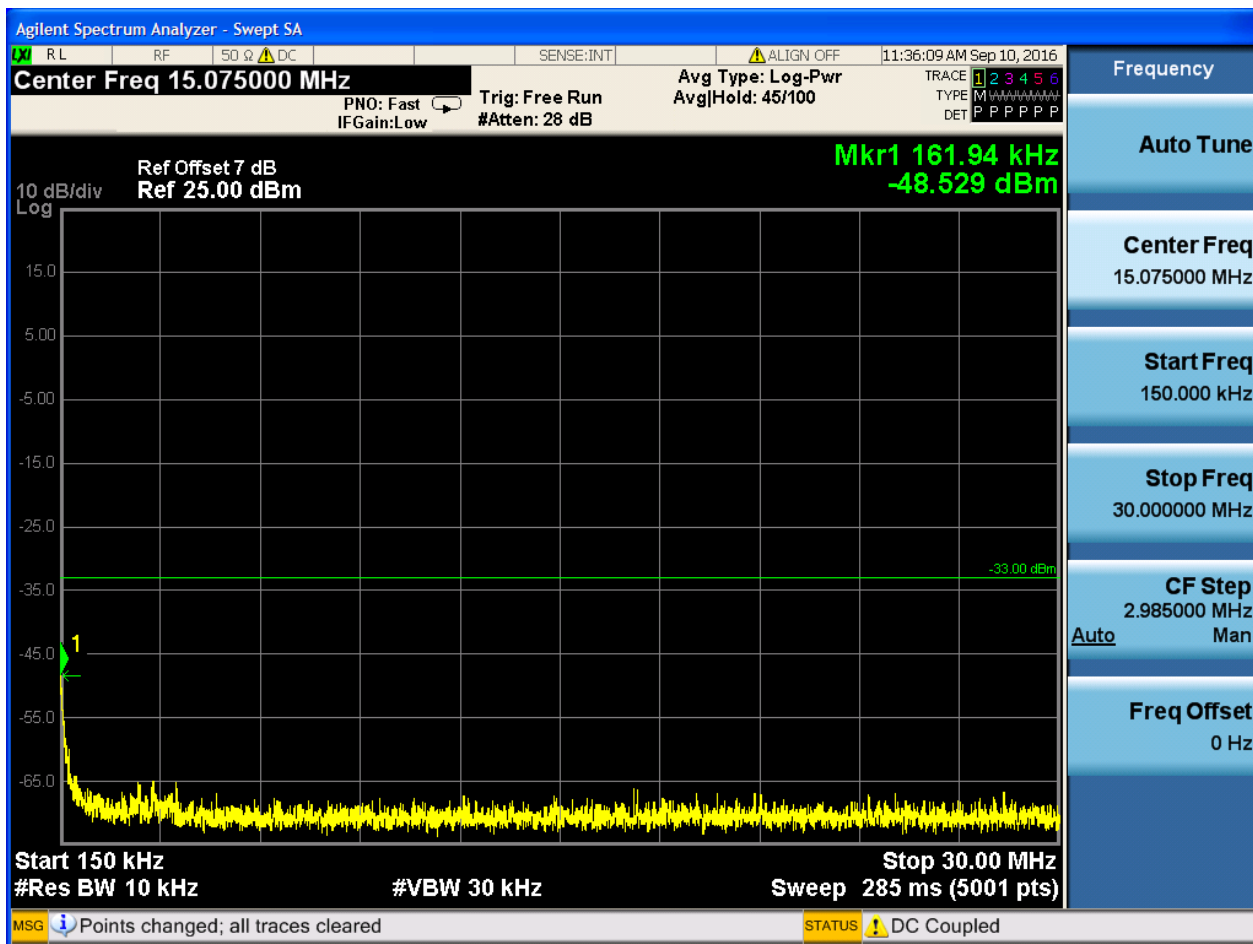


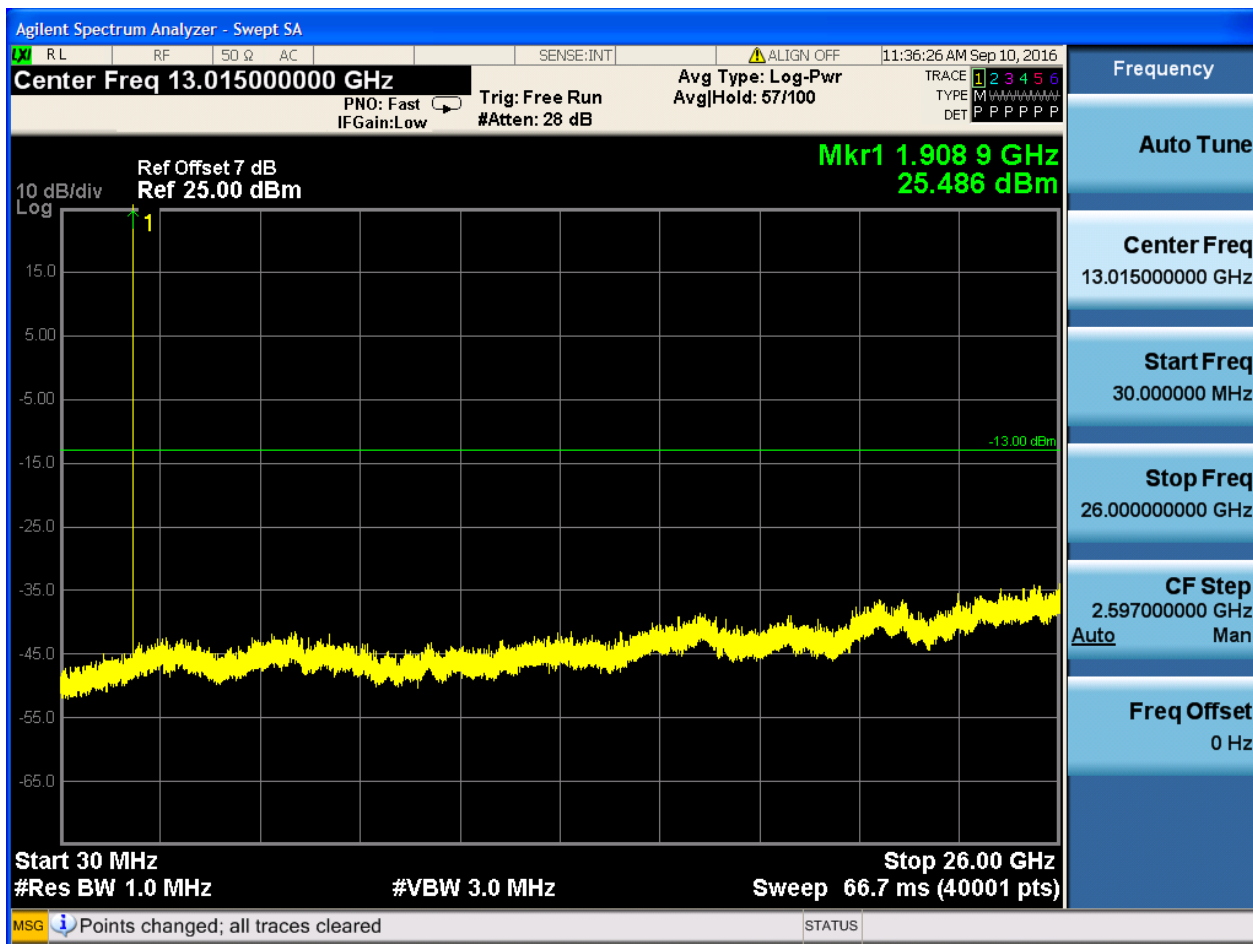


6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





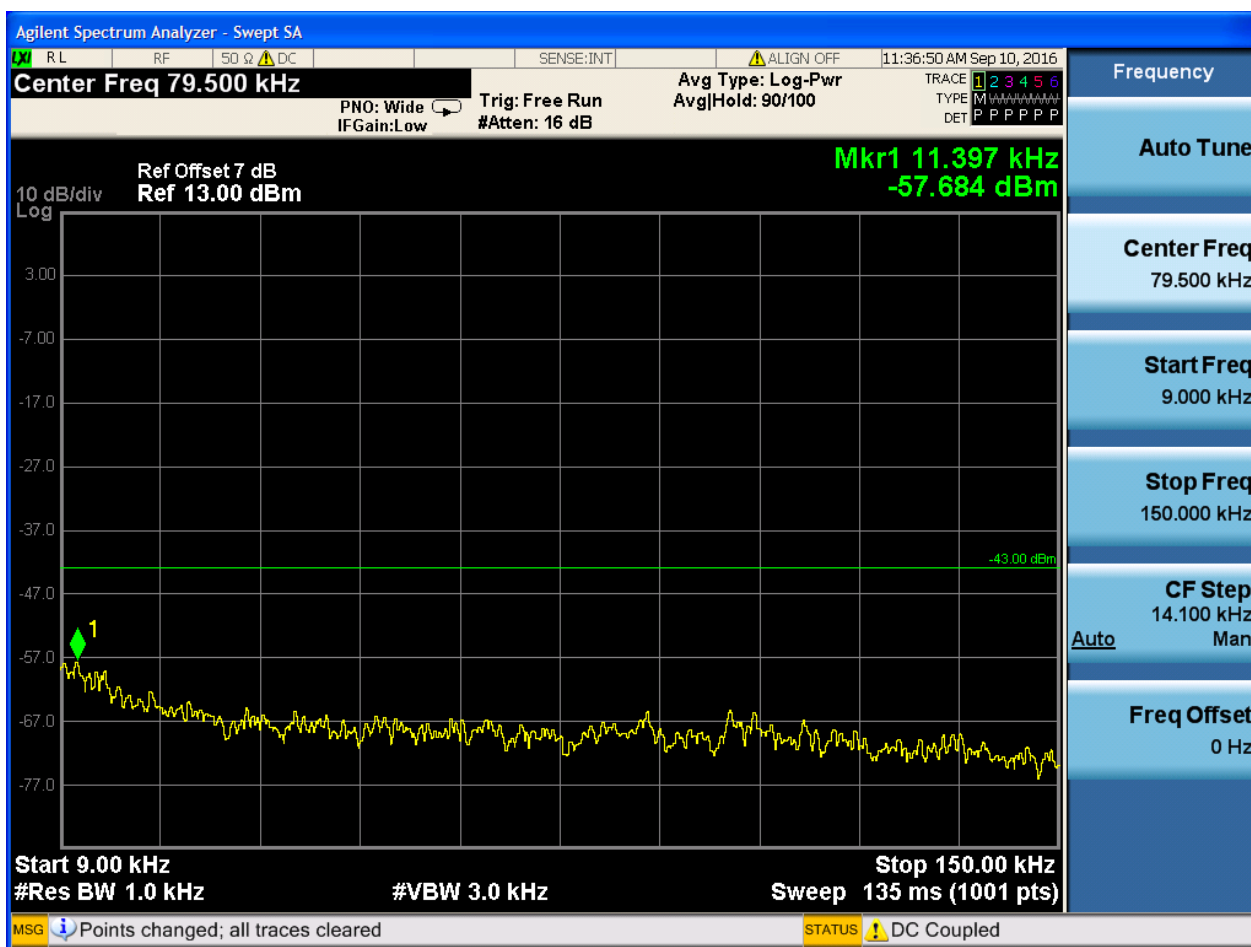


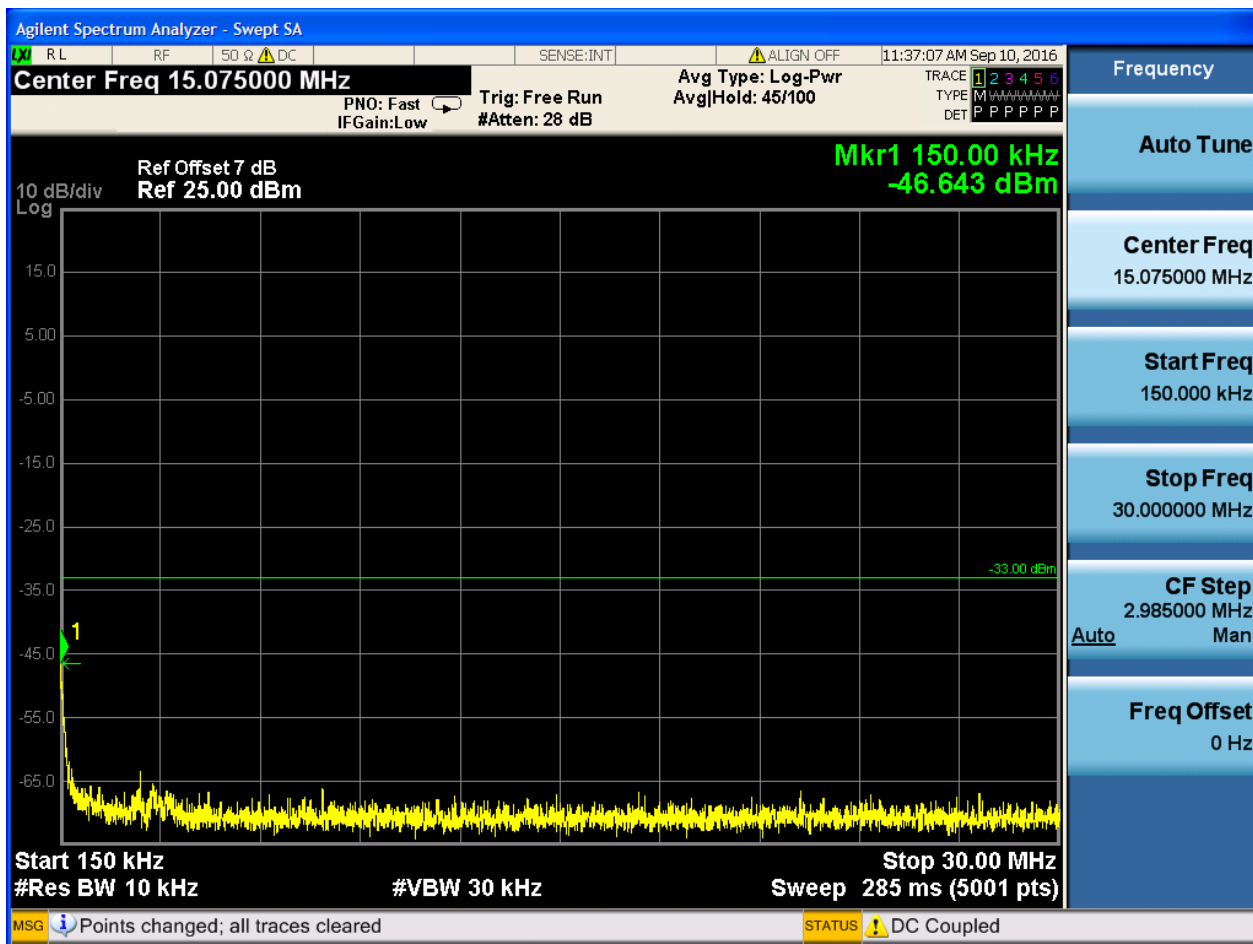


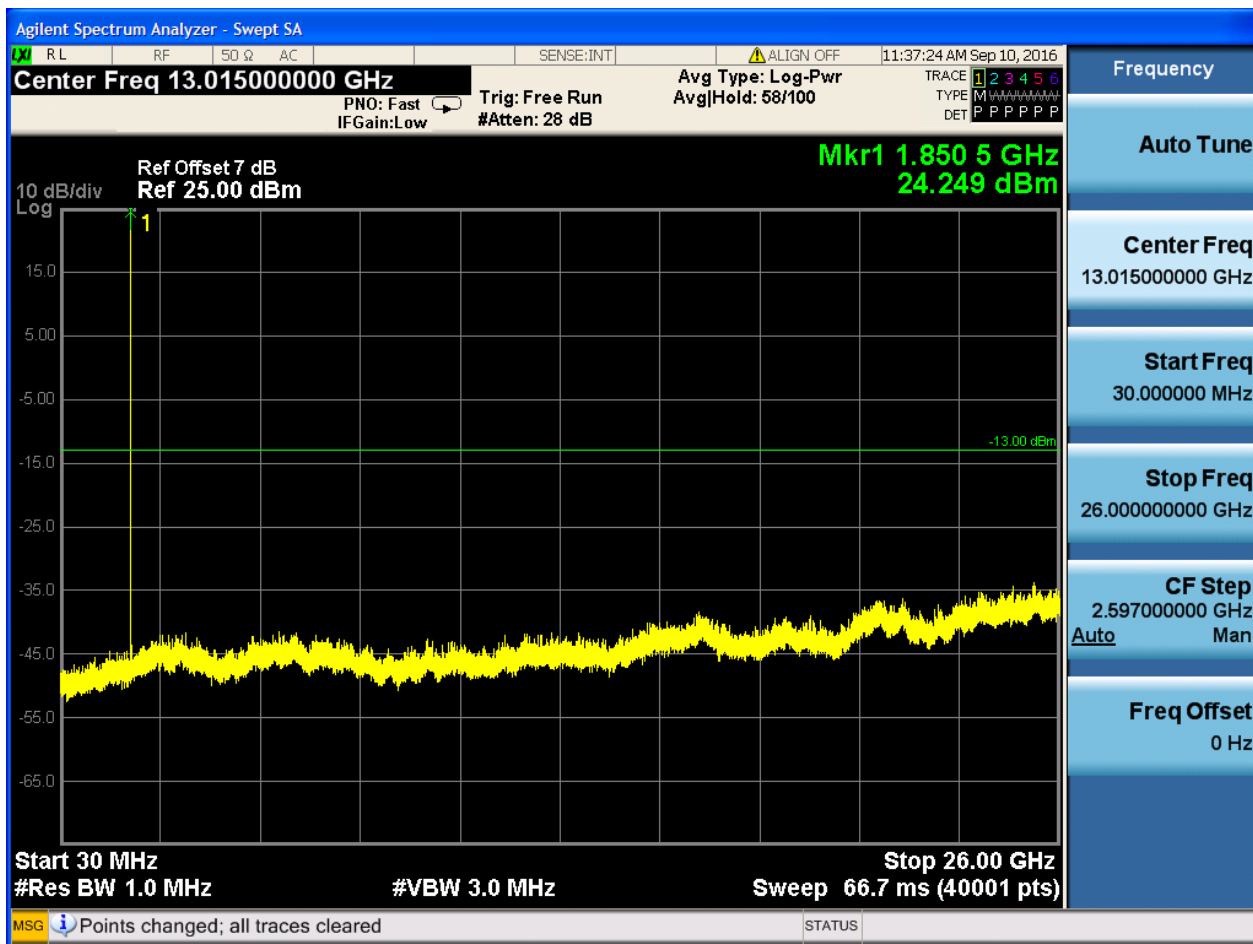
6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



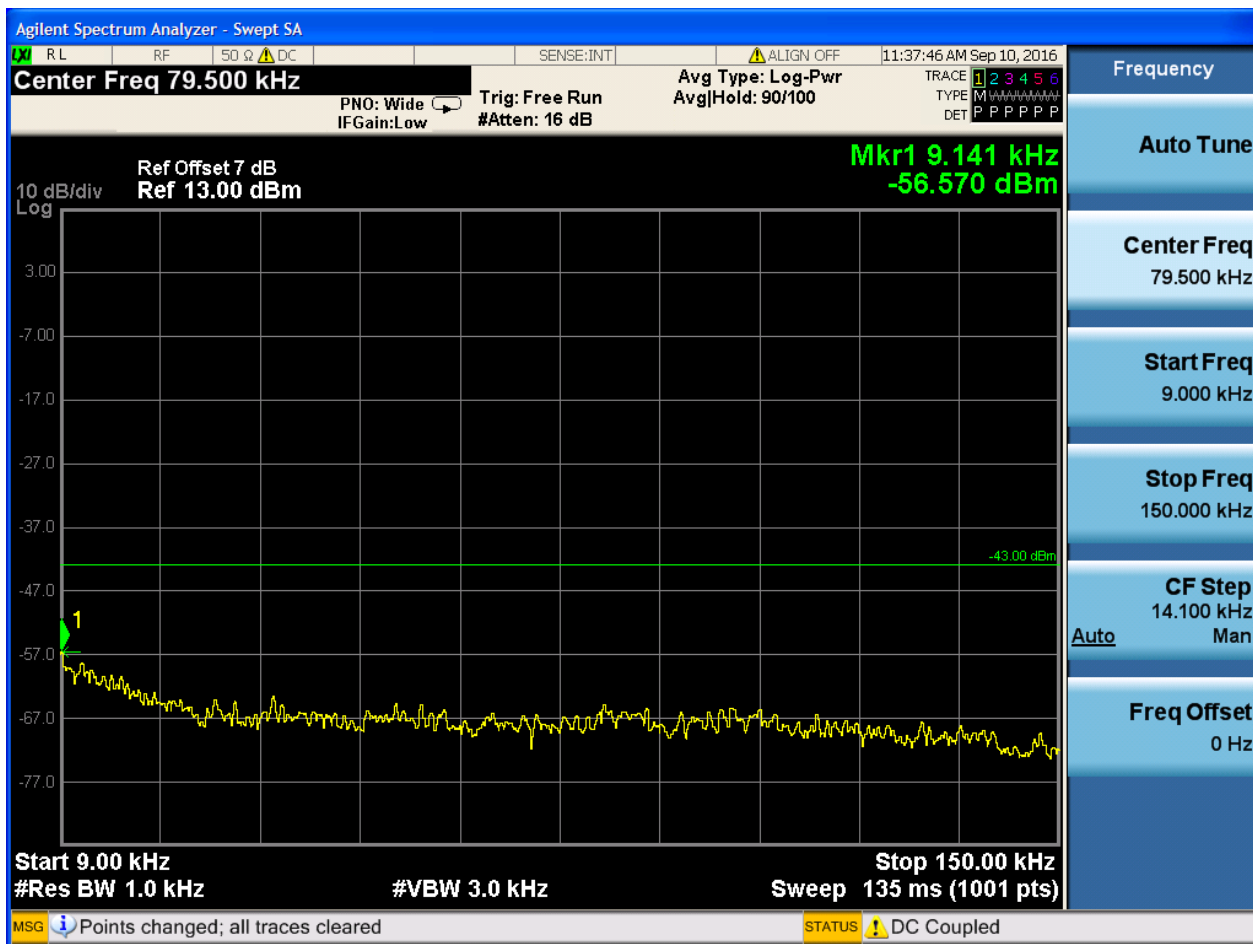


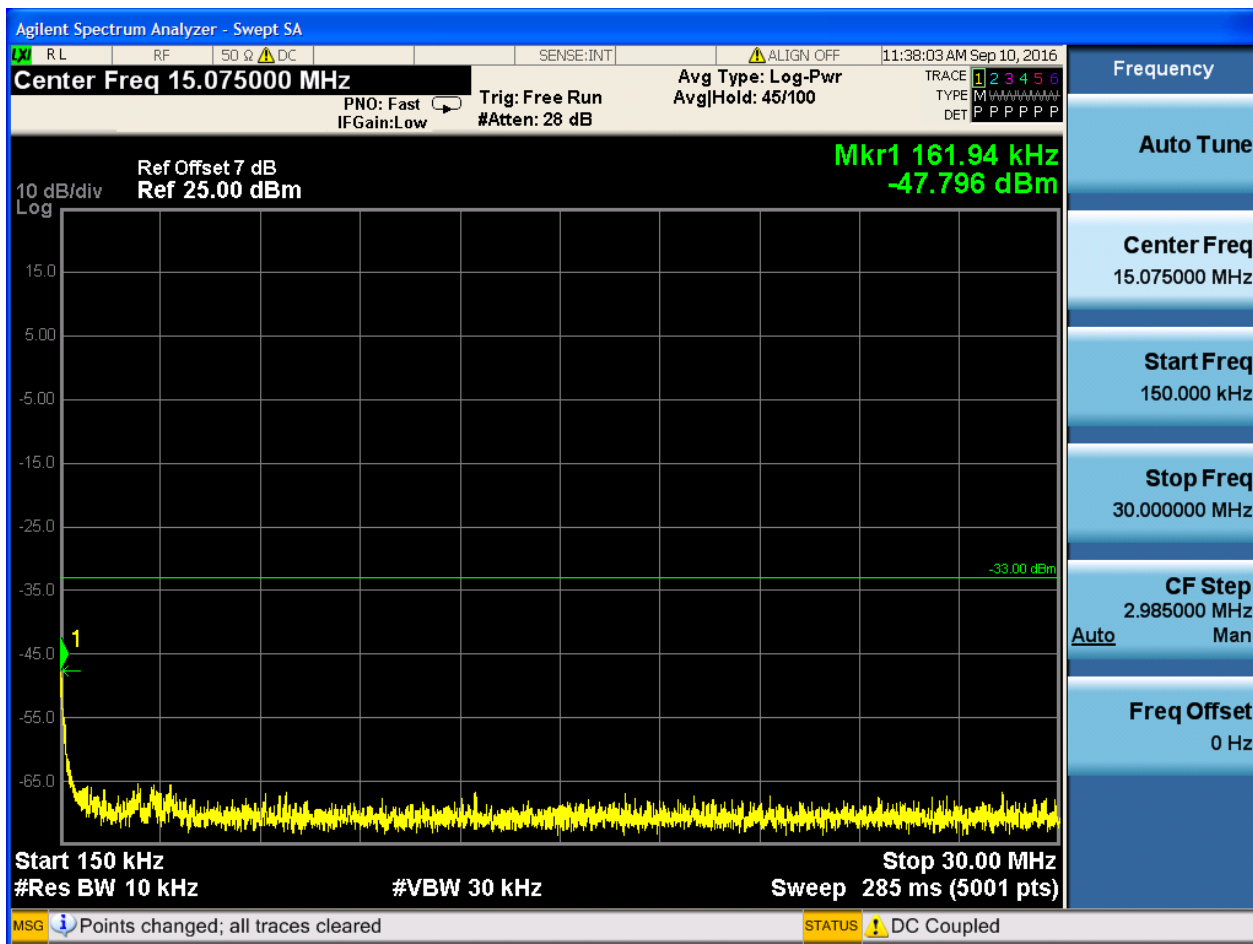


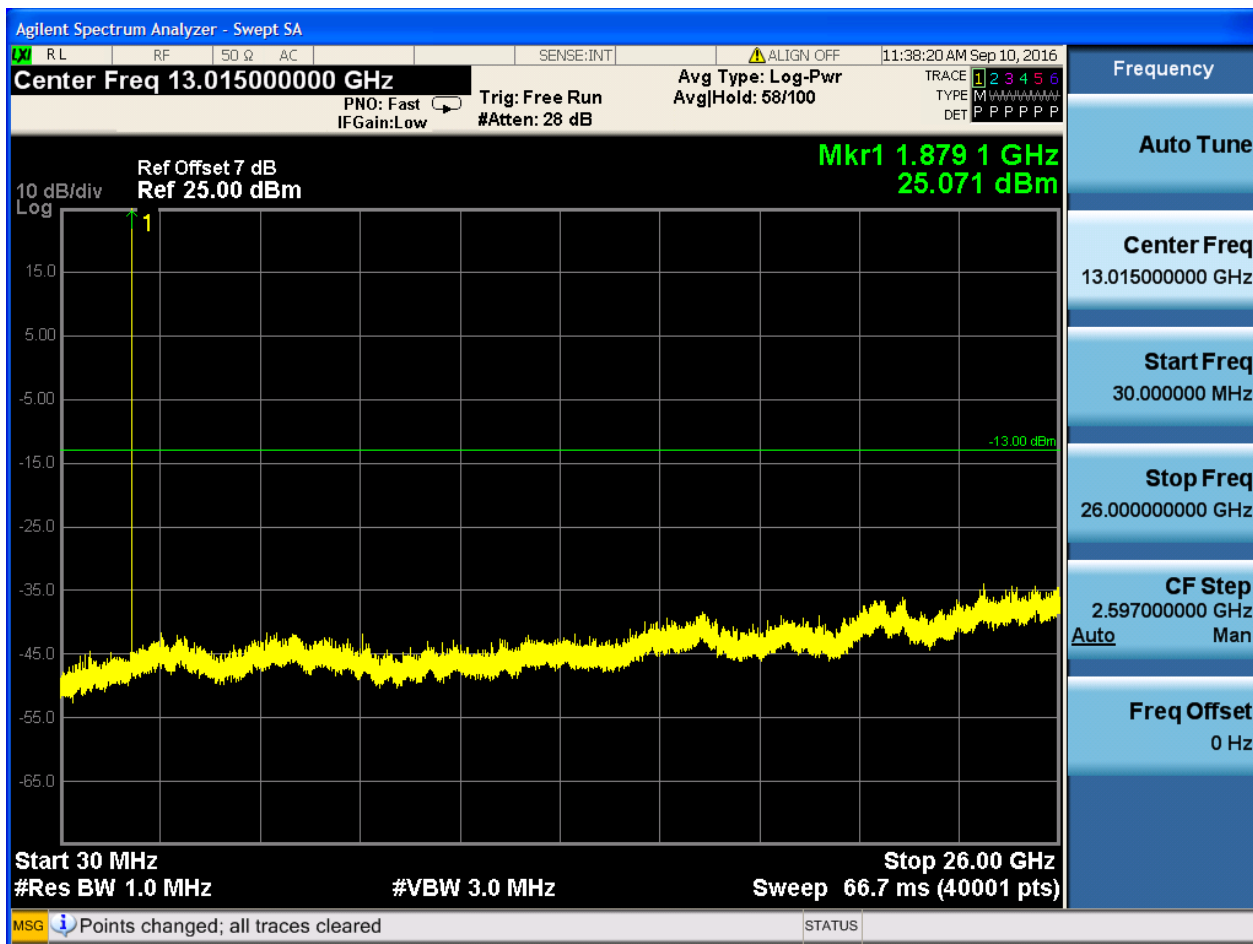


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



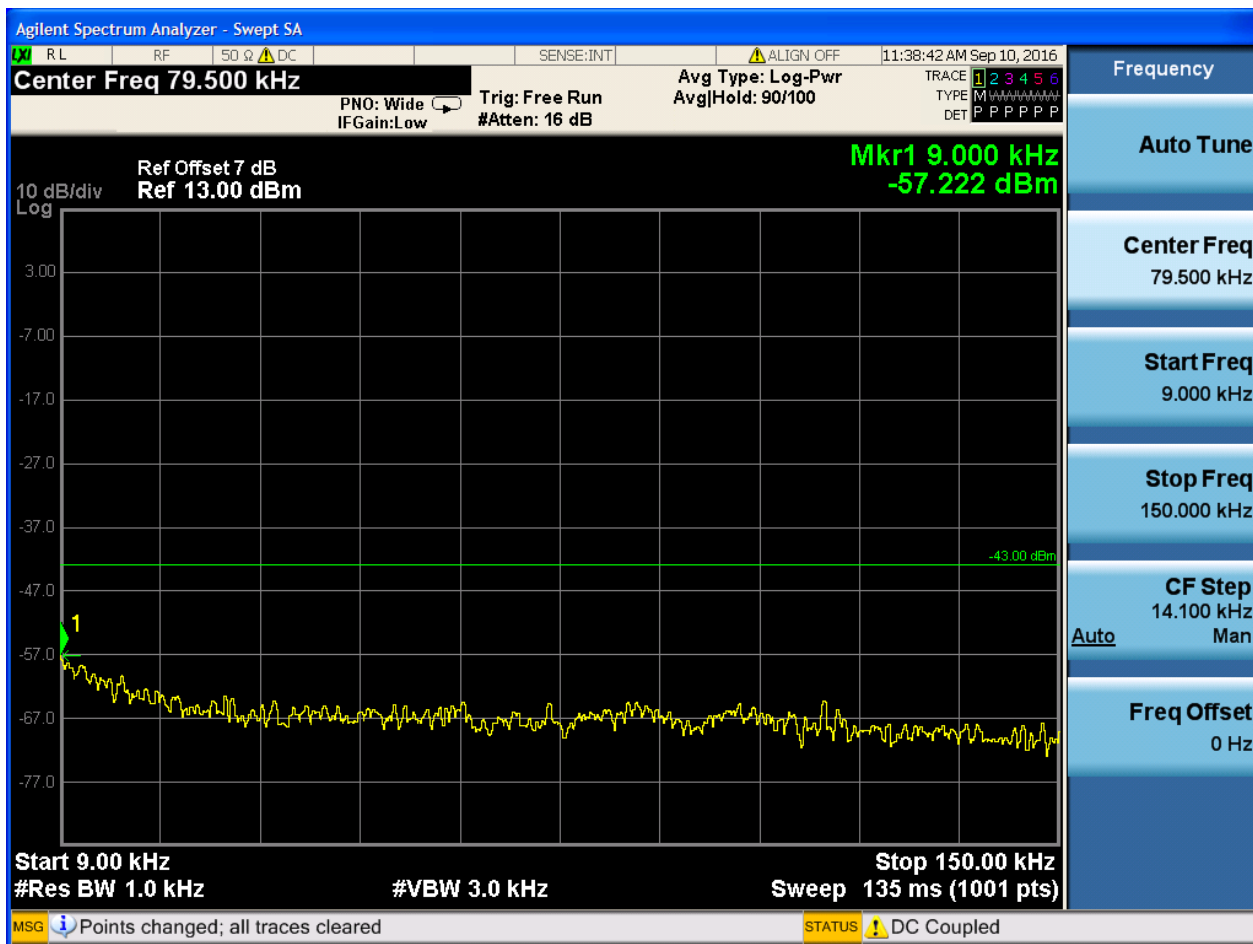


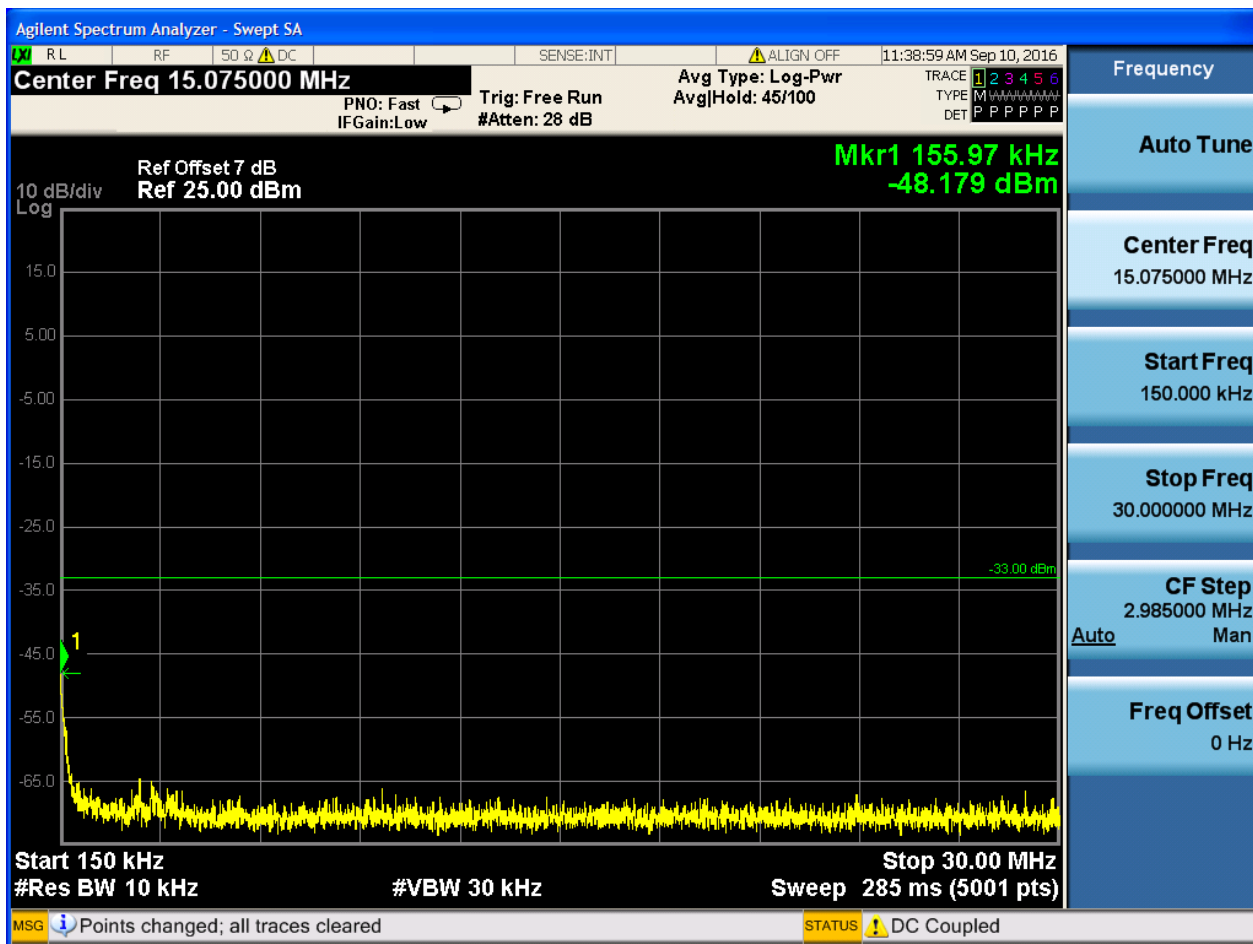


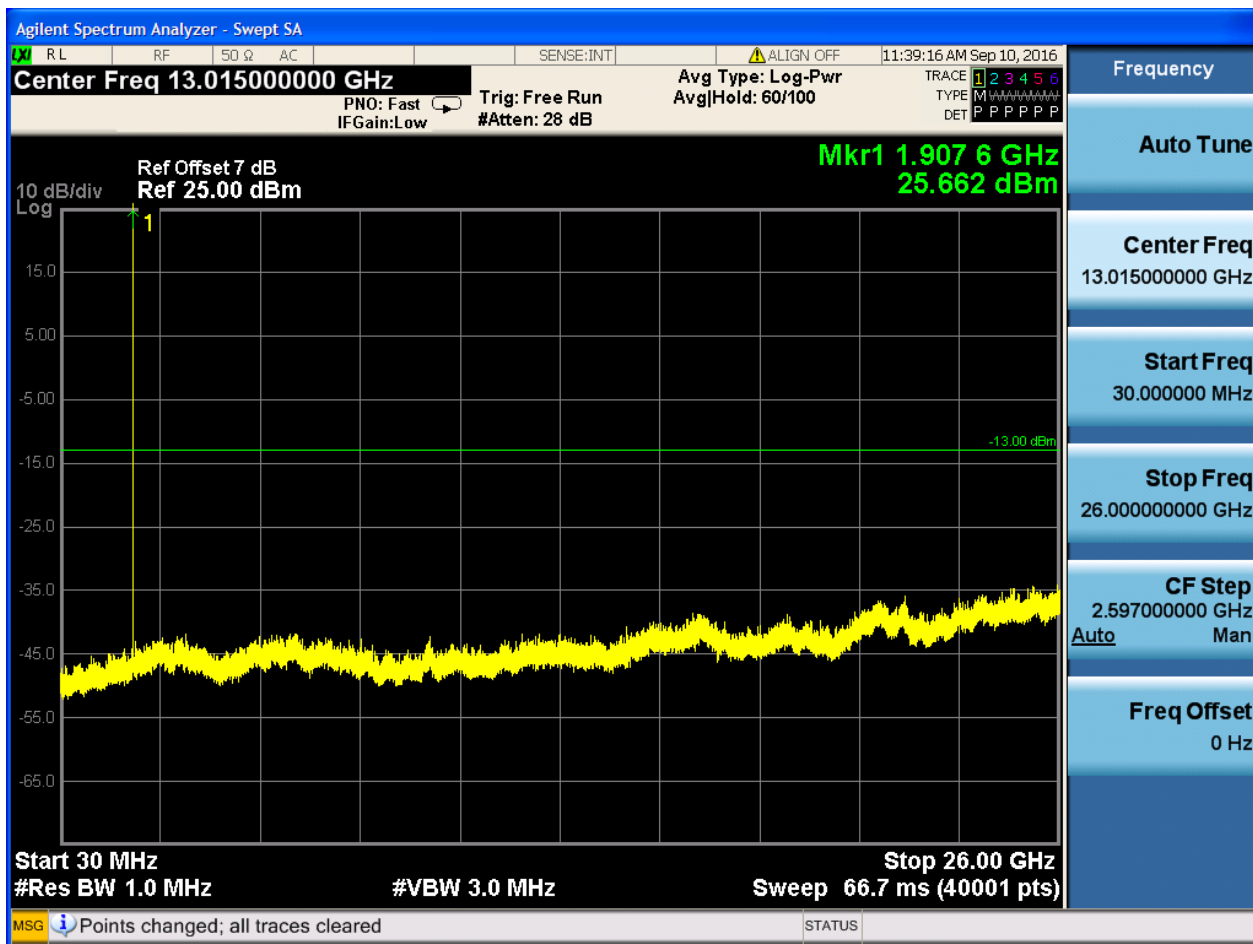


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

