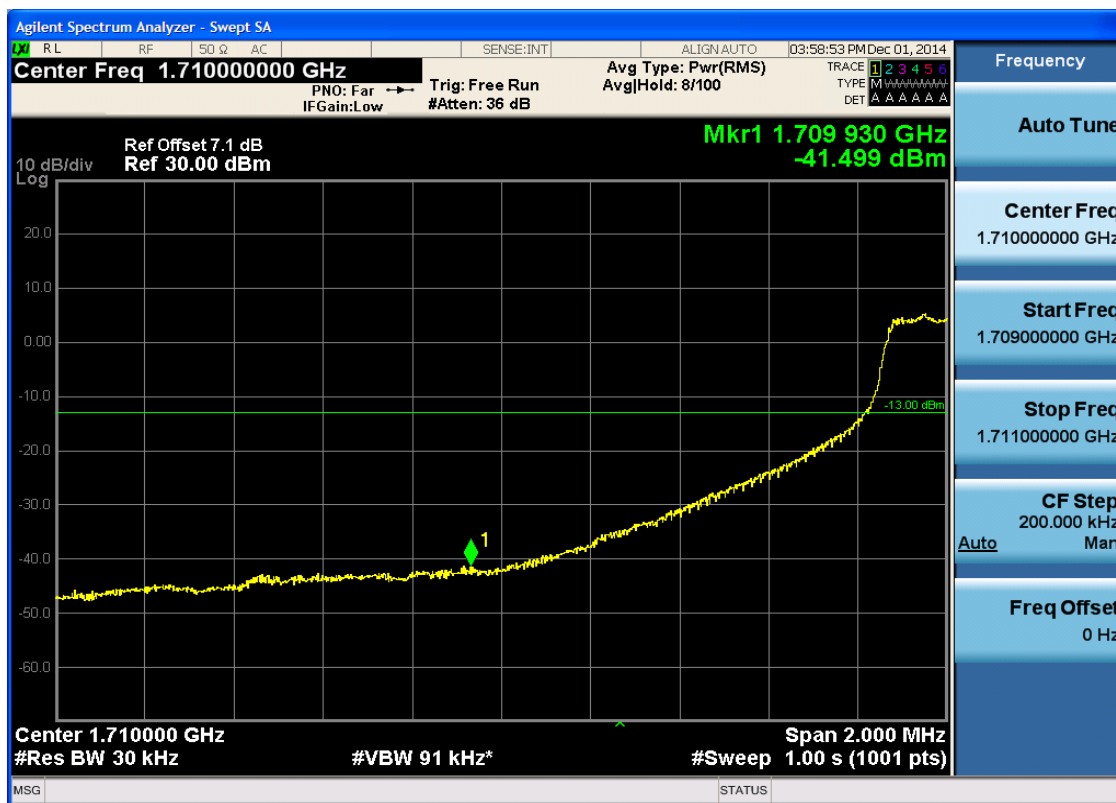


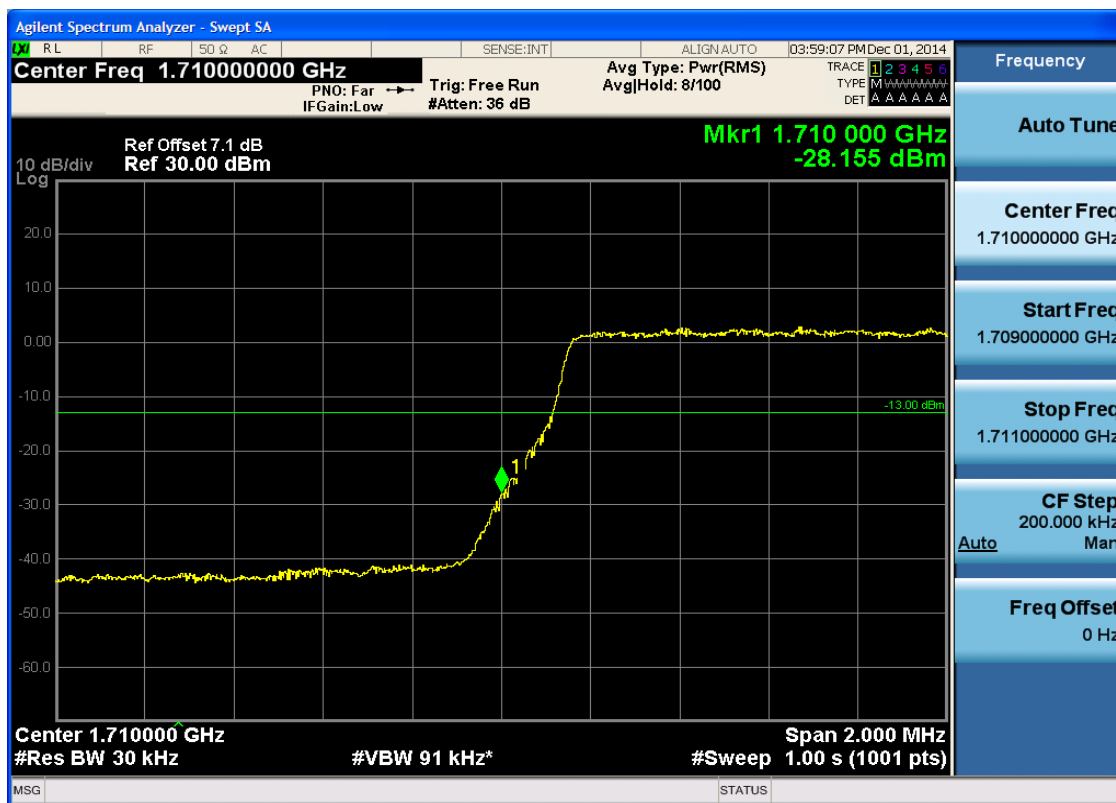


5.1.2.2.1.3 Test RB = RB8#4





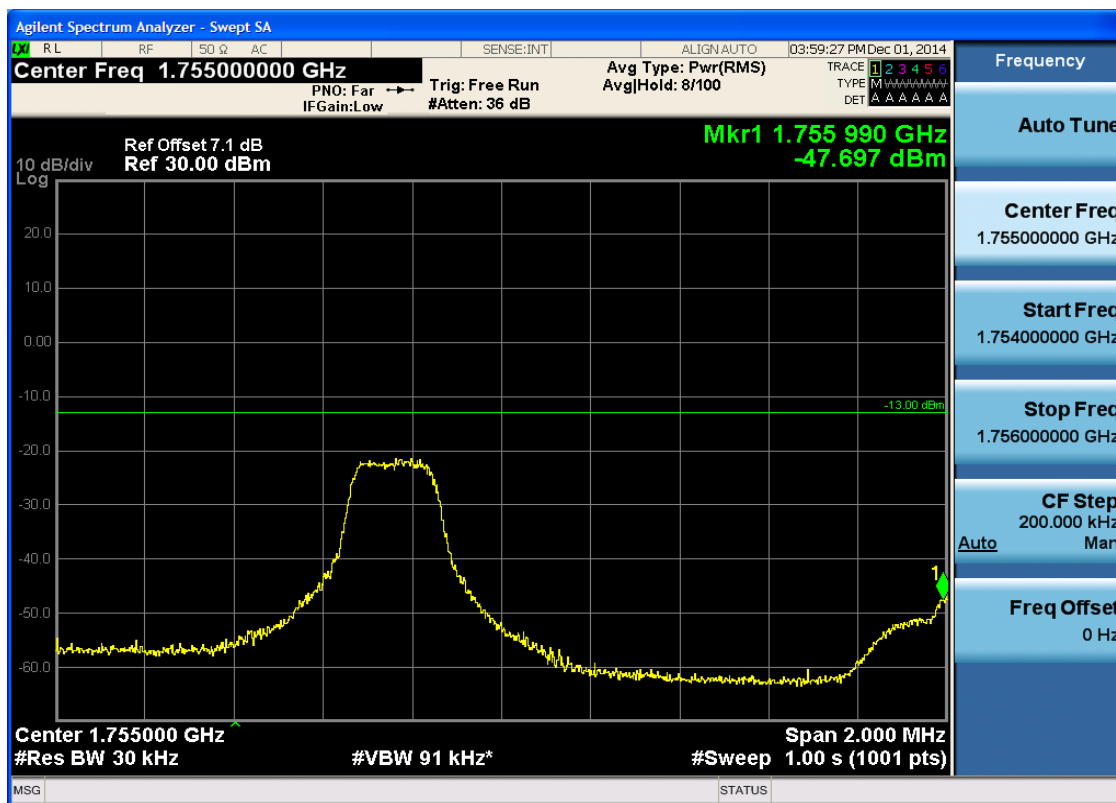
5.1.2.2.1.4 Test RB = RB15#0





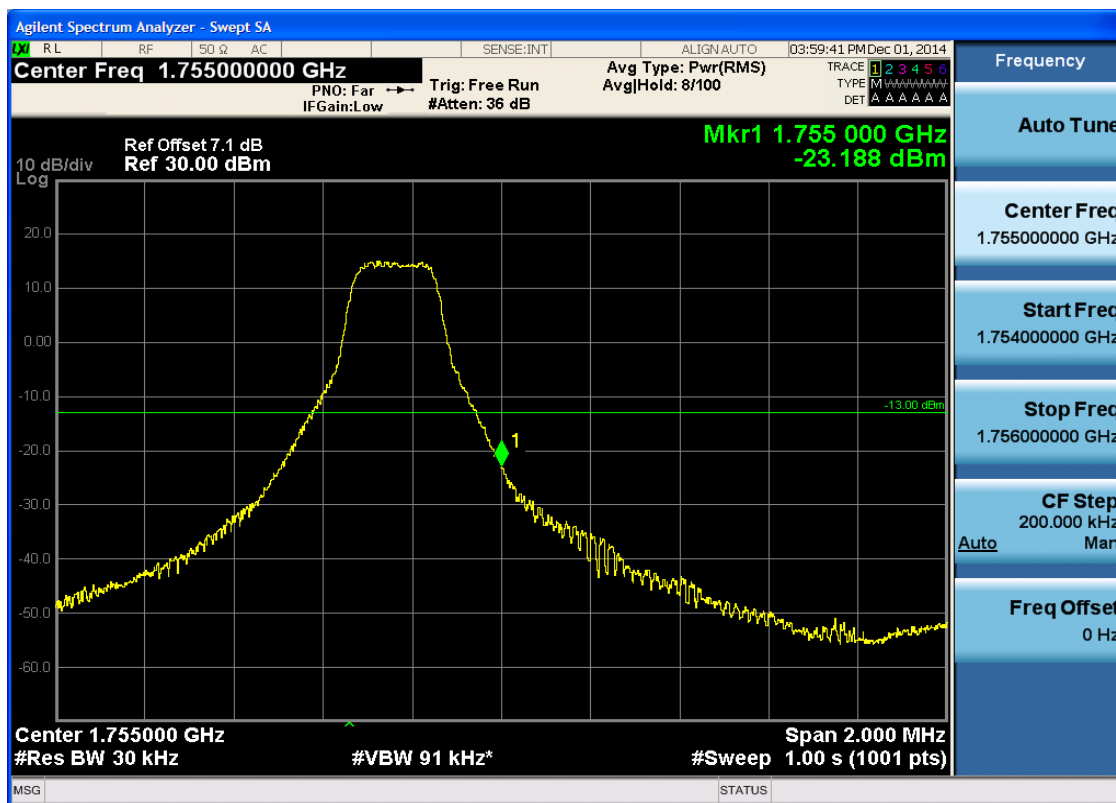
5.1.2.2.2.2 Test Channel = HCH

5.1.2.2.2.2.1 Test RB = RB1#0



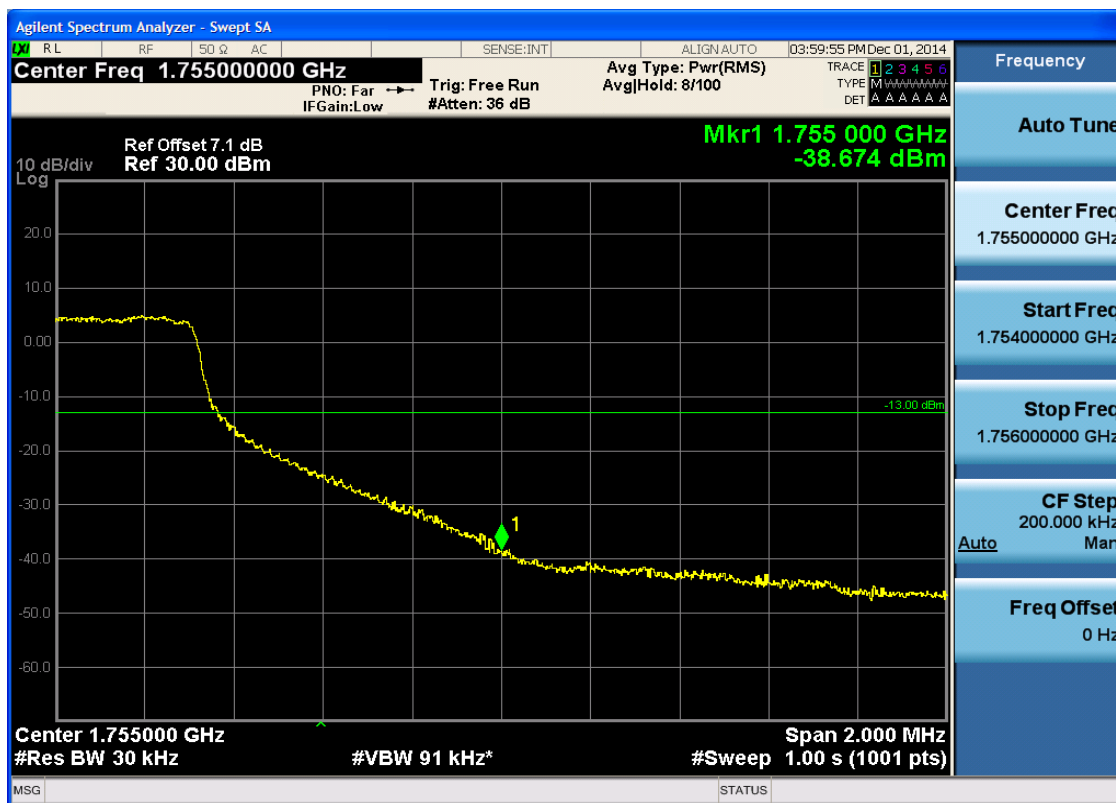


5.1.2.2.2.2 Test RB = RB1#14



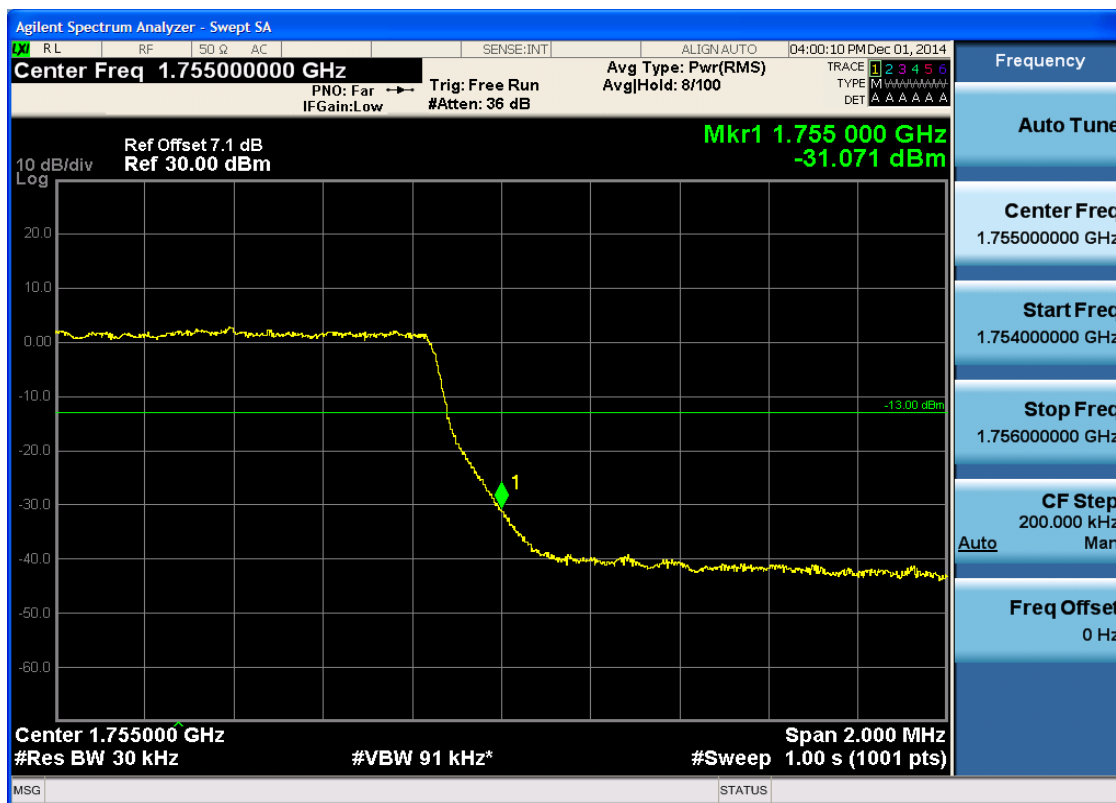


5.1.2.2.2.3 Test RB = RB8#4





5.1.2.2.2.4 Test RB = RB15#0

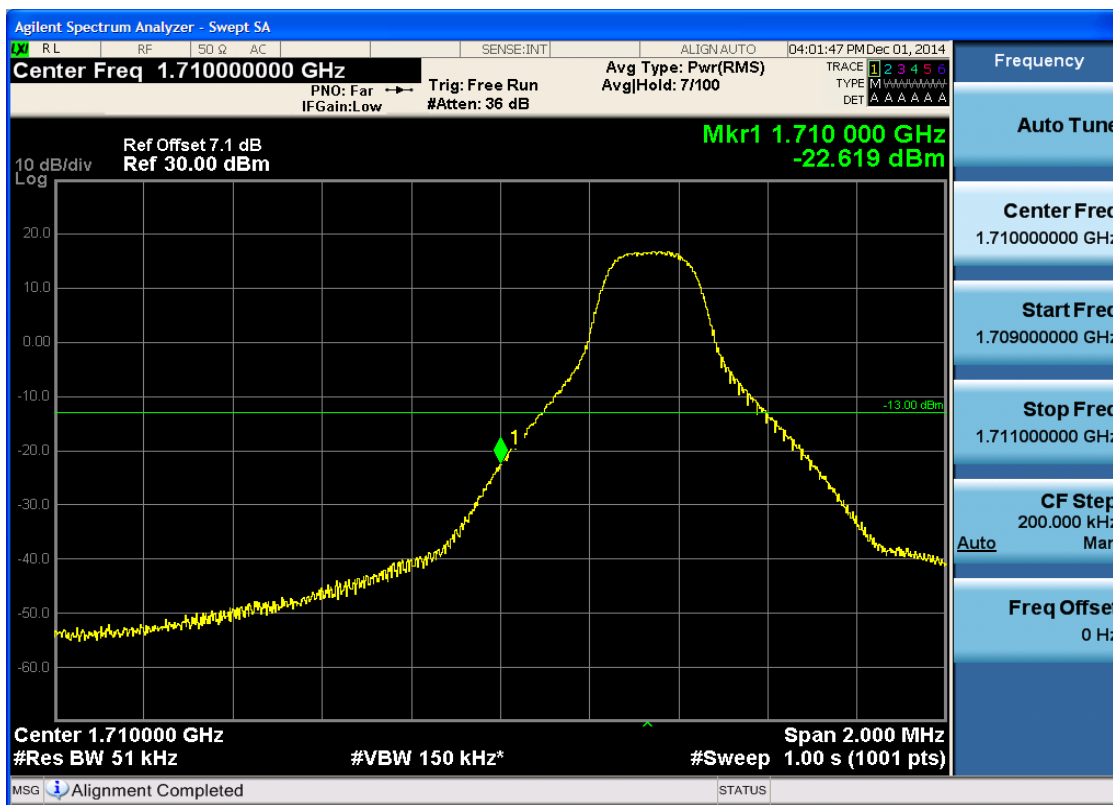




5.1.2.2.3 Test Bandwidth = 5

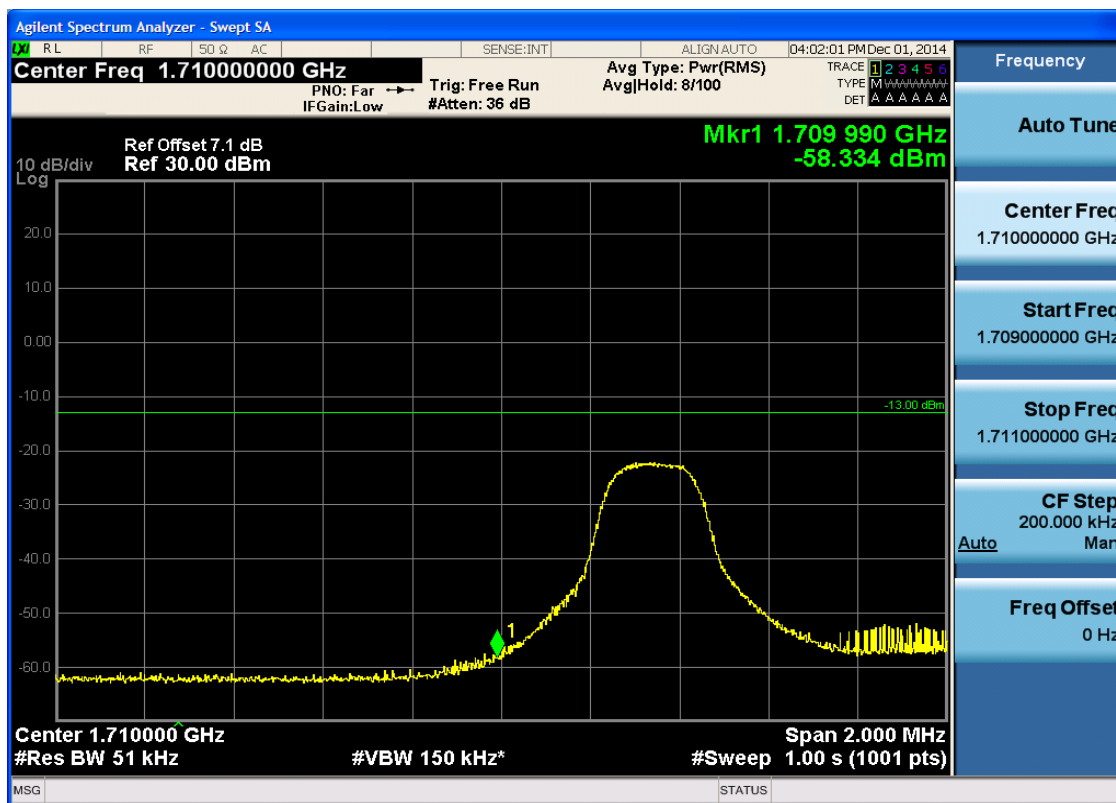
5.1.2.2.3.1 Test Channel = LCH

5.1.2.2.3.1.1 Test RB = RB1#0



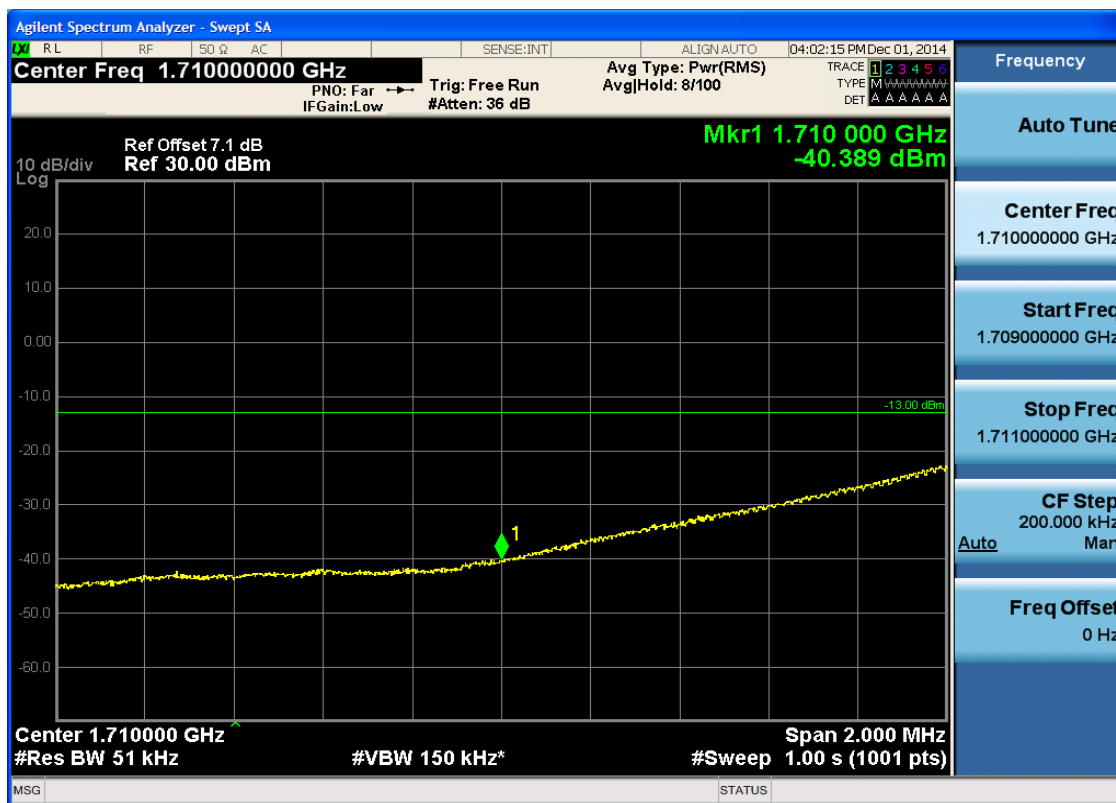


5.1.2.2.3.1.2 Test RB = RB1#24



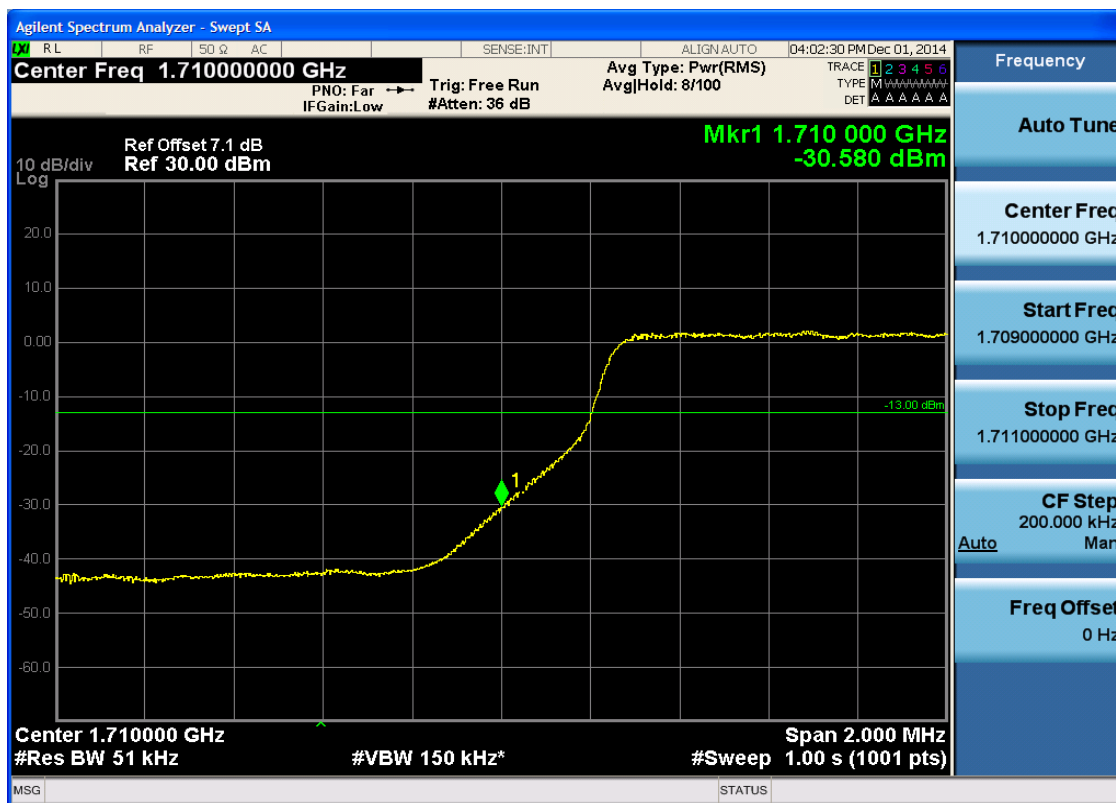


5.1.2.2.3.1.3 Test RB = RB12#6





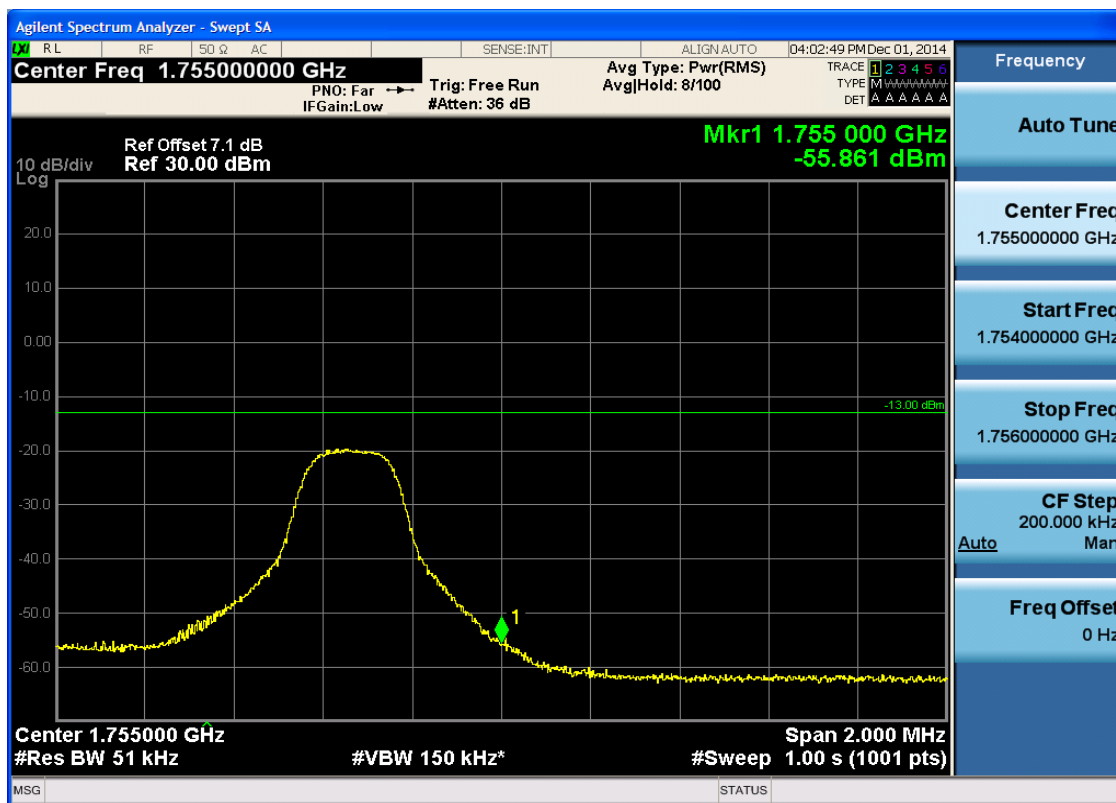
5.1.2.2.3.1.4 Test RB = RB25#0





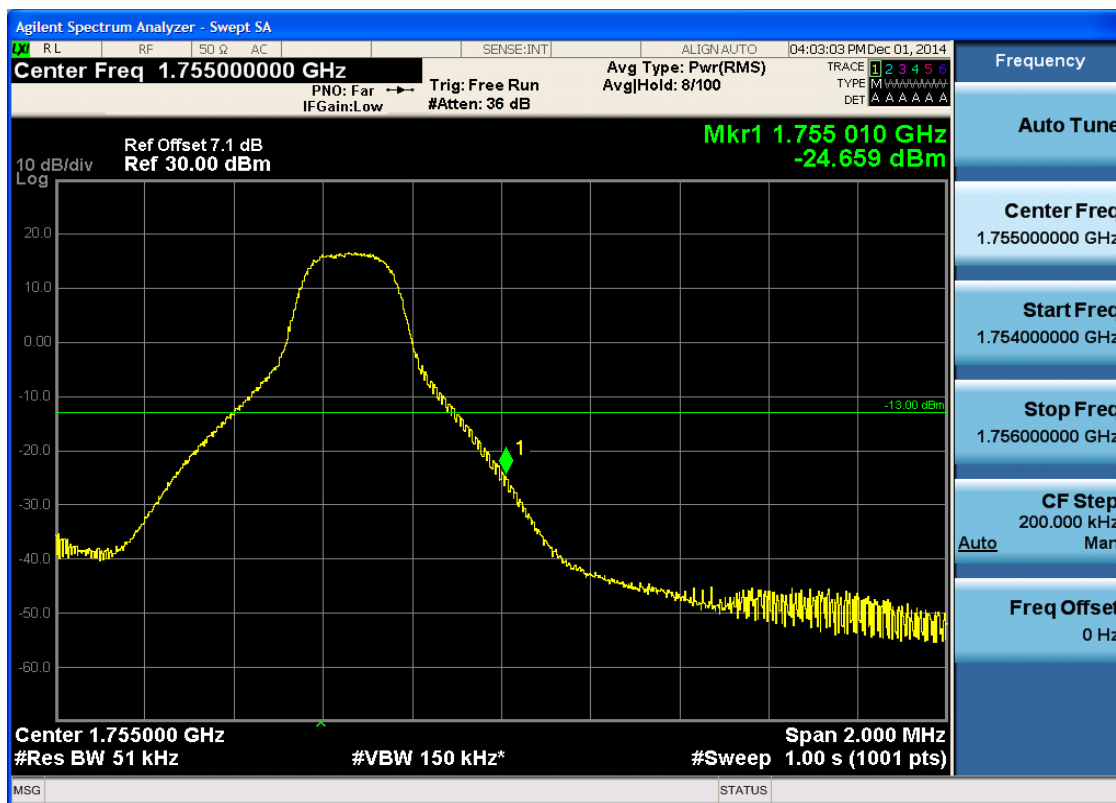
5.1.2.2.3.2 Test Channel = HCH

5.1.2.2.3.2.1 Test RB = RB1#0





5.1.2.2.3.2.2 Test RB = RB1#24





5.1.2.2.3.2.3 Test RB = RB12#6





5.1.2.2.3.2.4 Test RB = RB25#0

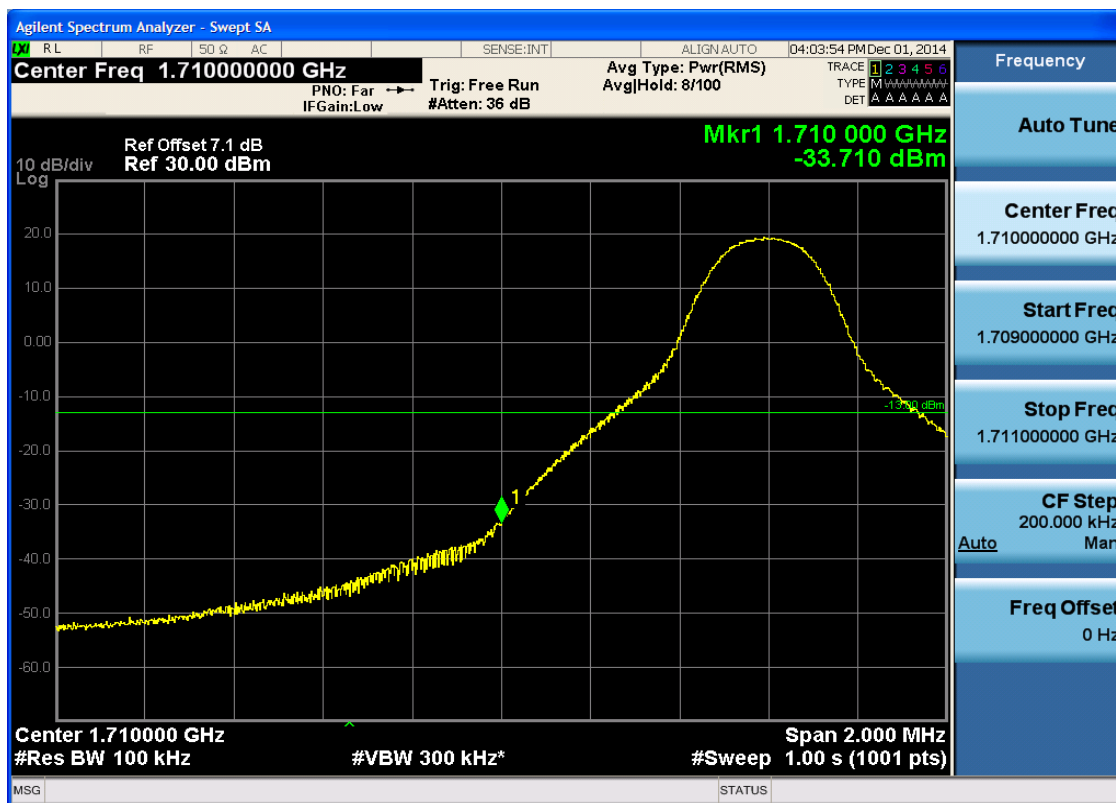




5.1.2.2.4 Test Bandwidth = 10

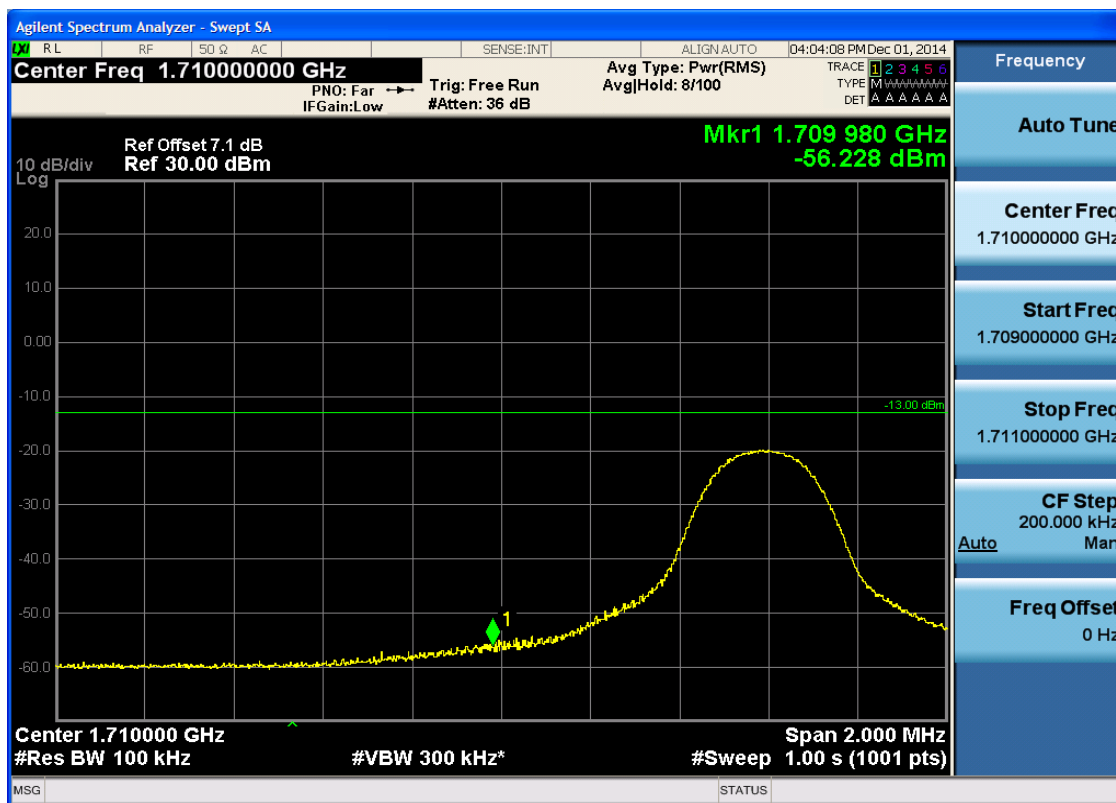
5.1.2.2.4.1 Test Channel = LCH

5.1.2.2.4.1.1 Test RB = RB1#0



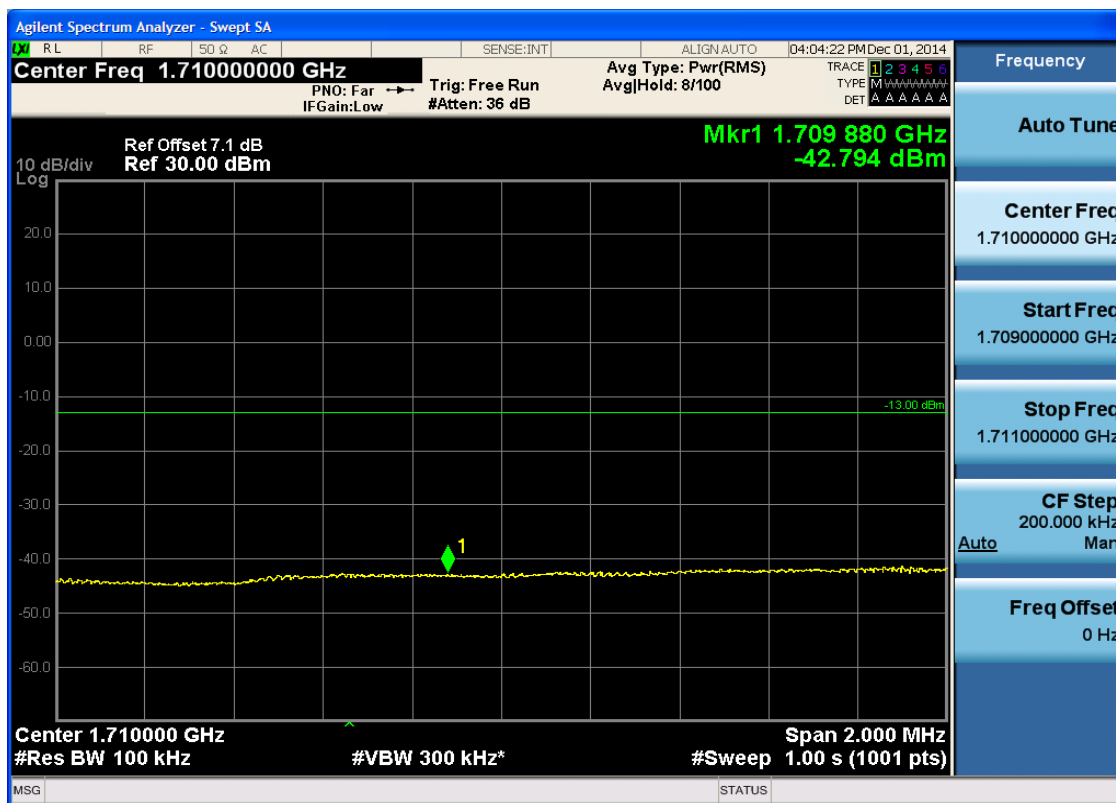


5.1.2.2.4.1.2 Test RB = RB1#49



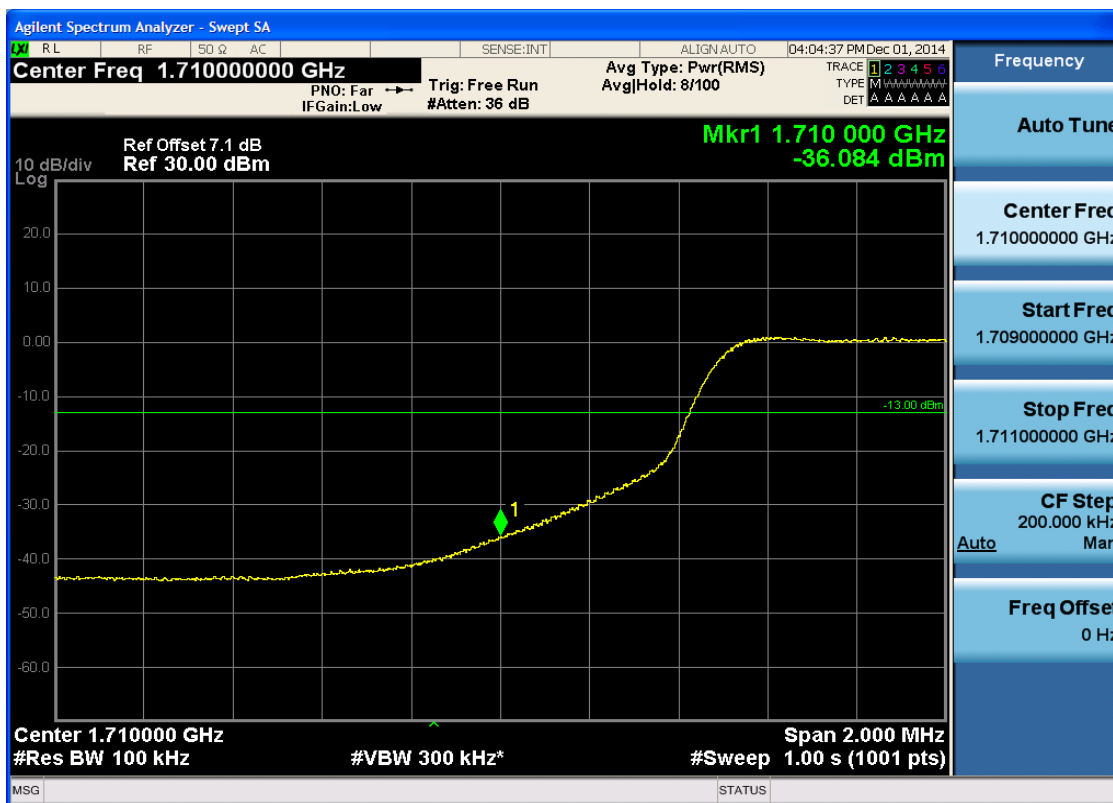


5.1.2.2.4.1.3 Test RB = RB25#13





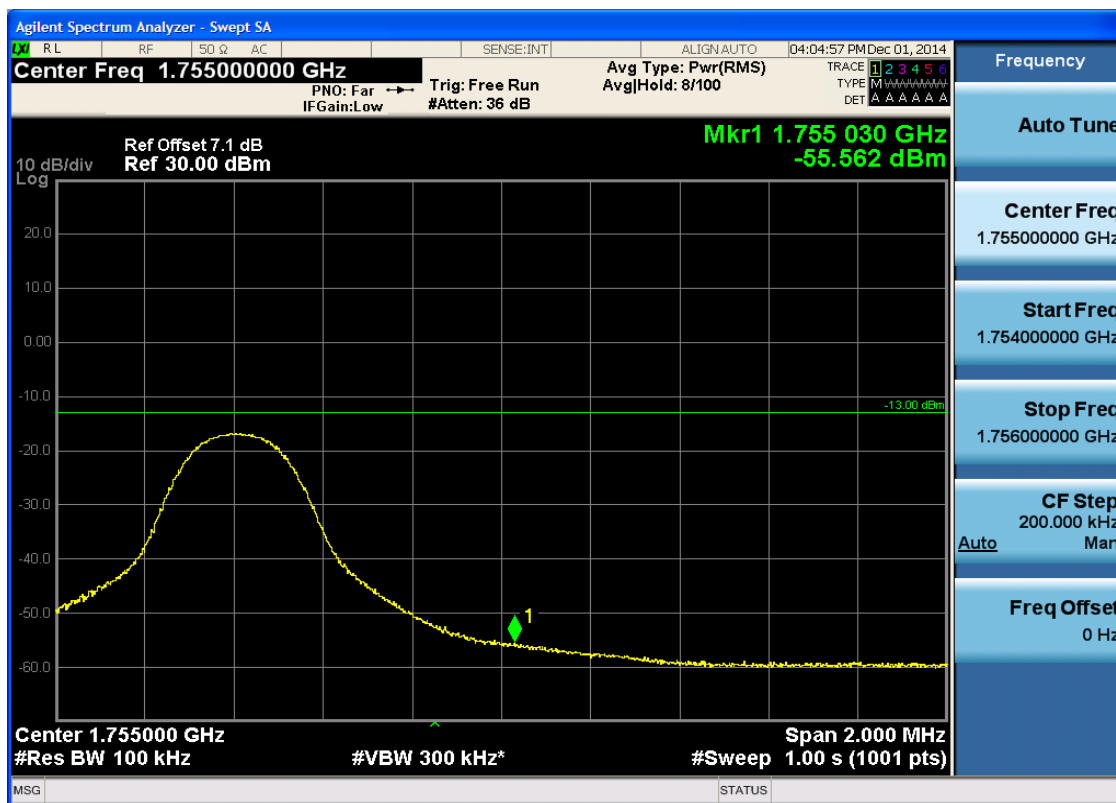
5.1.2.2.4.1.4 Test RB = RB50#0





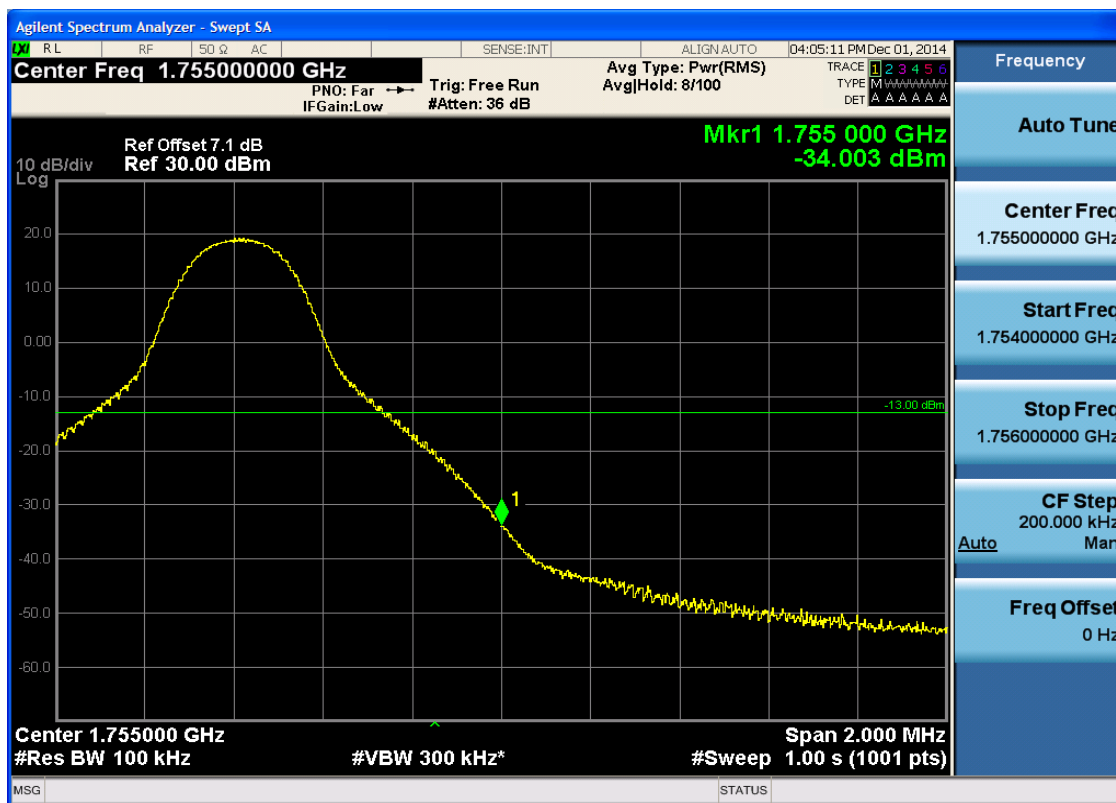
5.1.2.2.4.2 Test Channel = HCH

5.1.2.2.4.2.1 Test RB = RB1#0





5.1.2.2.4.2.2 Test RB = RB1#49



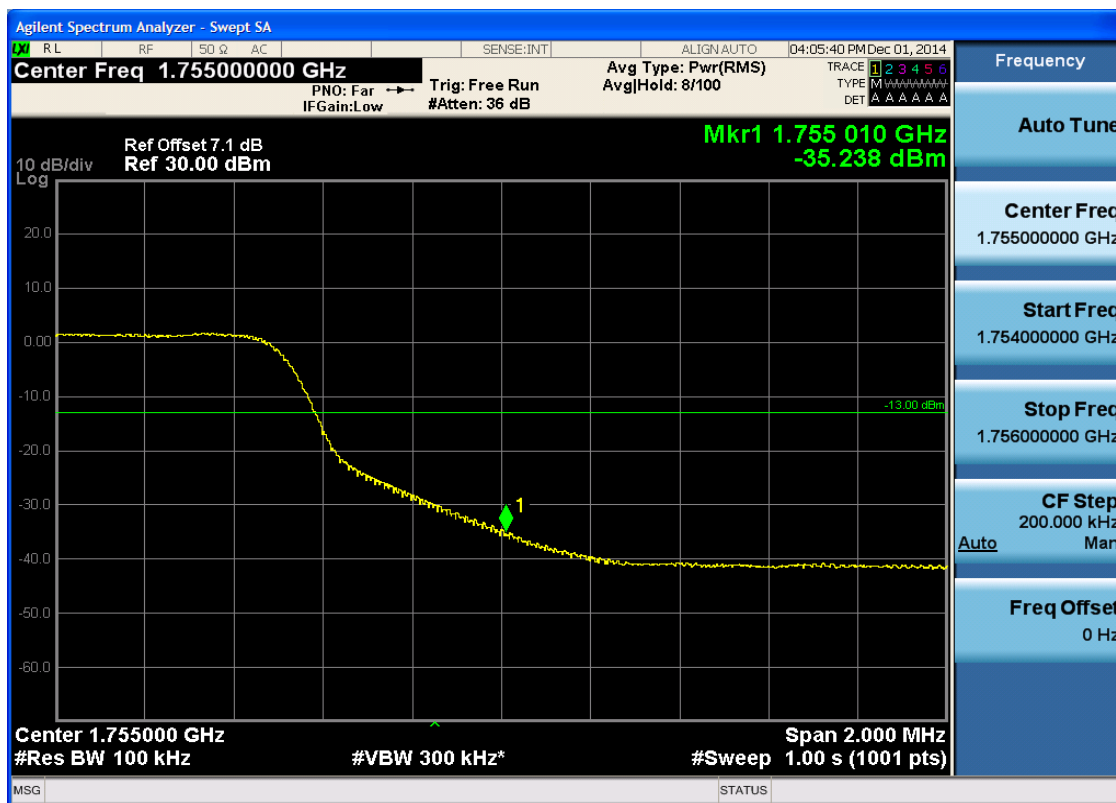


5.1.2.2.4.2.3 Test RB = RB25#13





5.1.2.2.4.2.4 Test RB = RB50#0

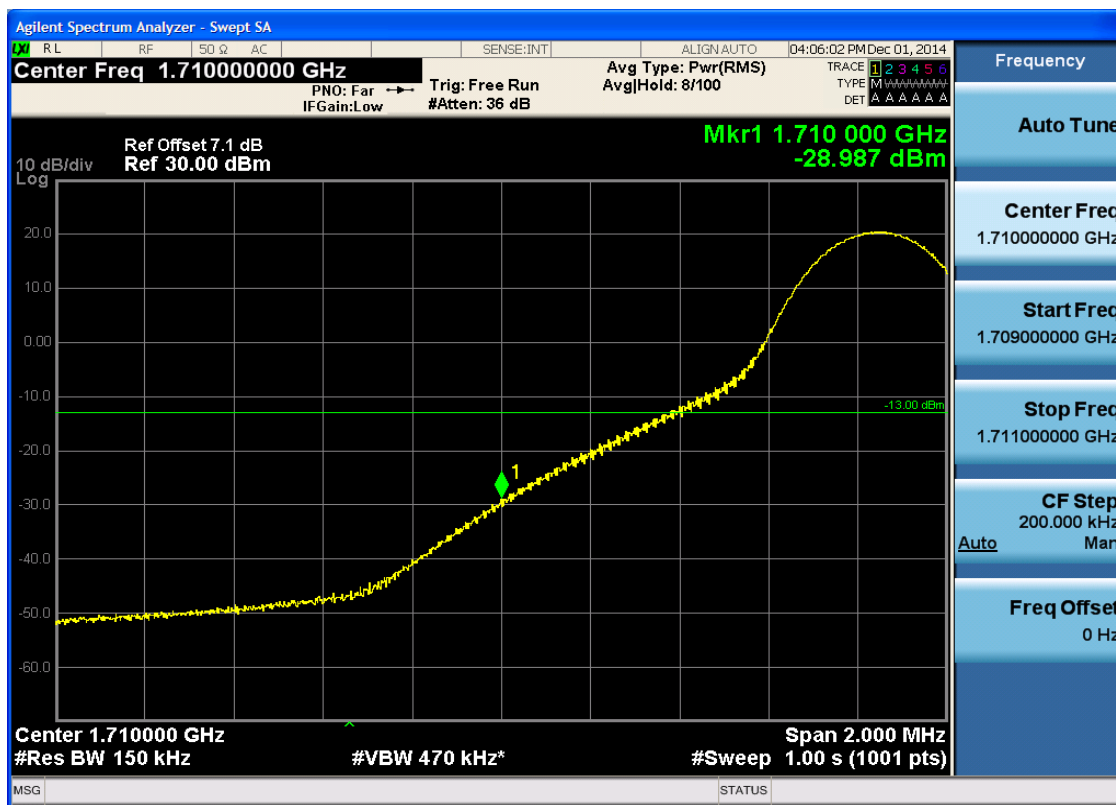




5.1.2.2.5 Test Bandwidth = 15

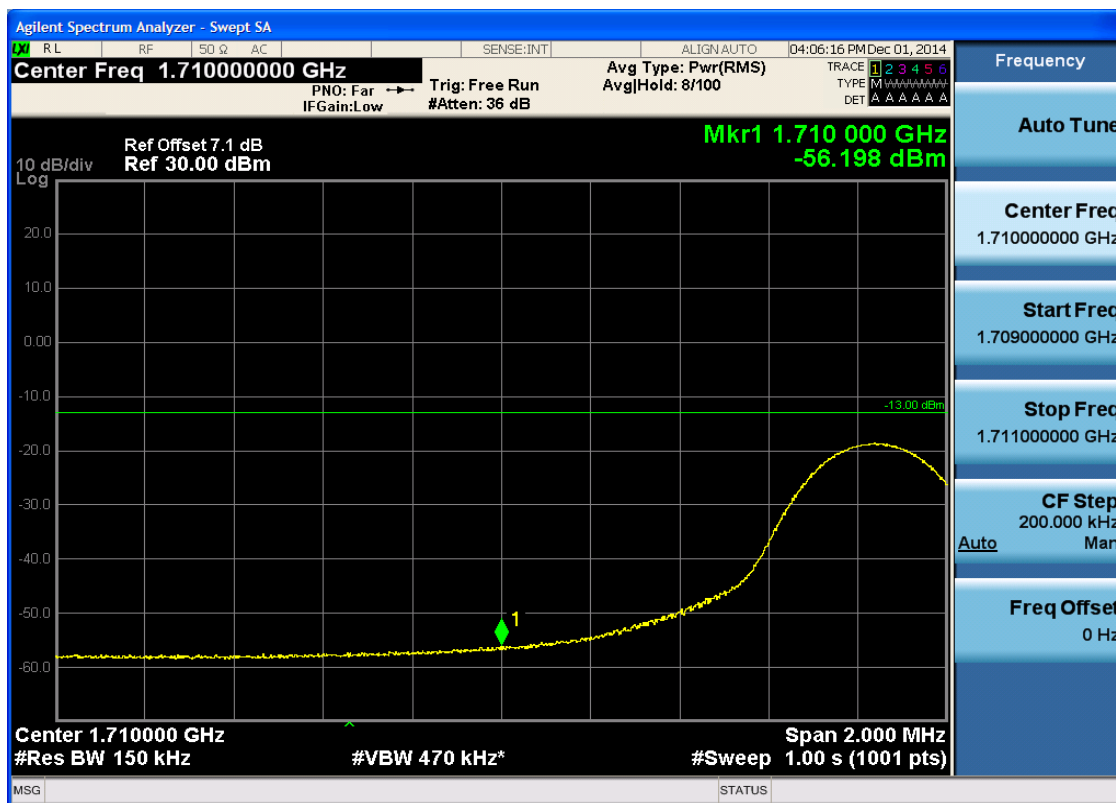
5.1.2.2.5.1 Test Channel = LCH

5.1.2.2.5.1.1 Test RB = RB1#0



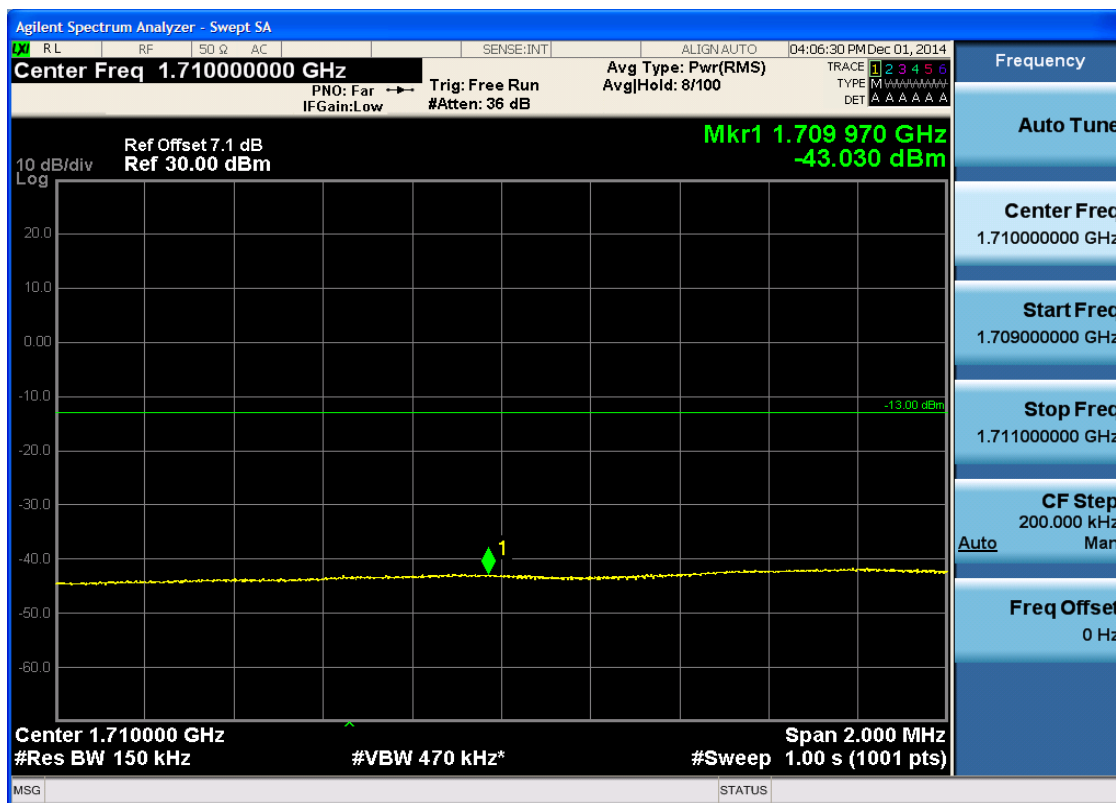


5.1.2.2.5.1.2 Test RB = RB1#74



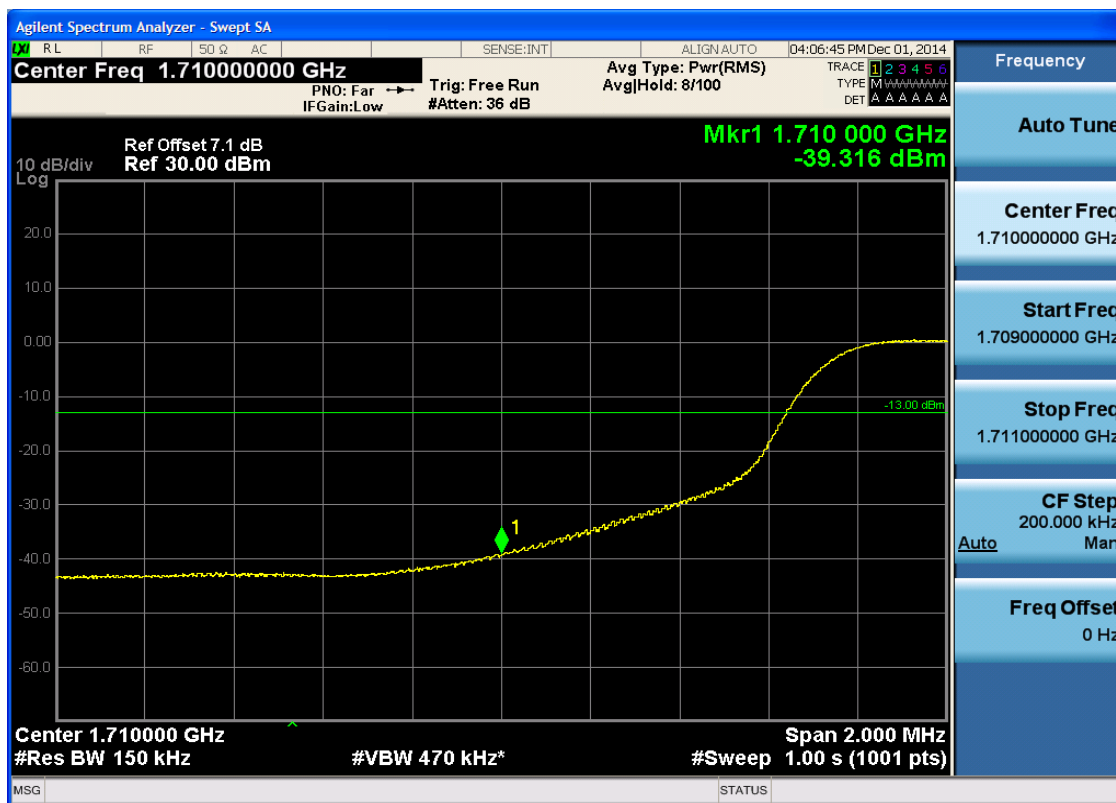


5.1.2.2.5.1.3 Test RB = RB38#19





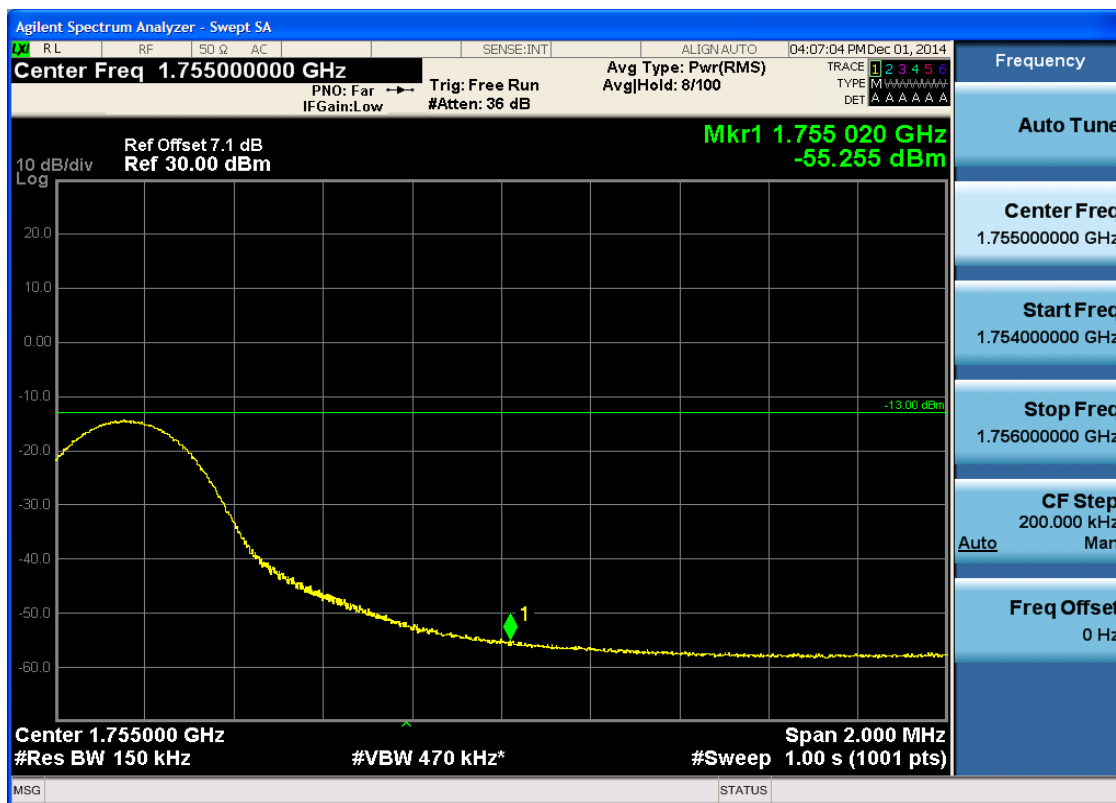
5.1.2.2.5.1.4 Test RB = RB75#0





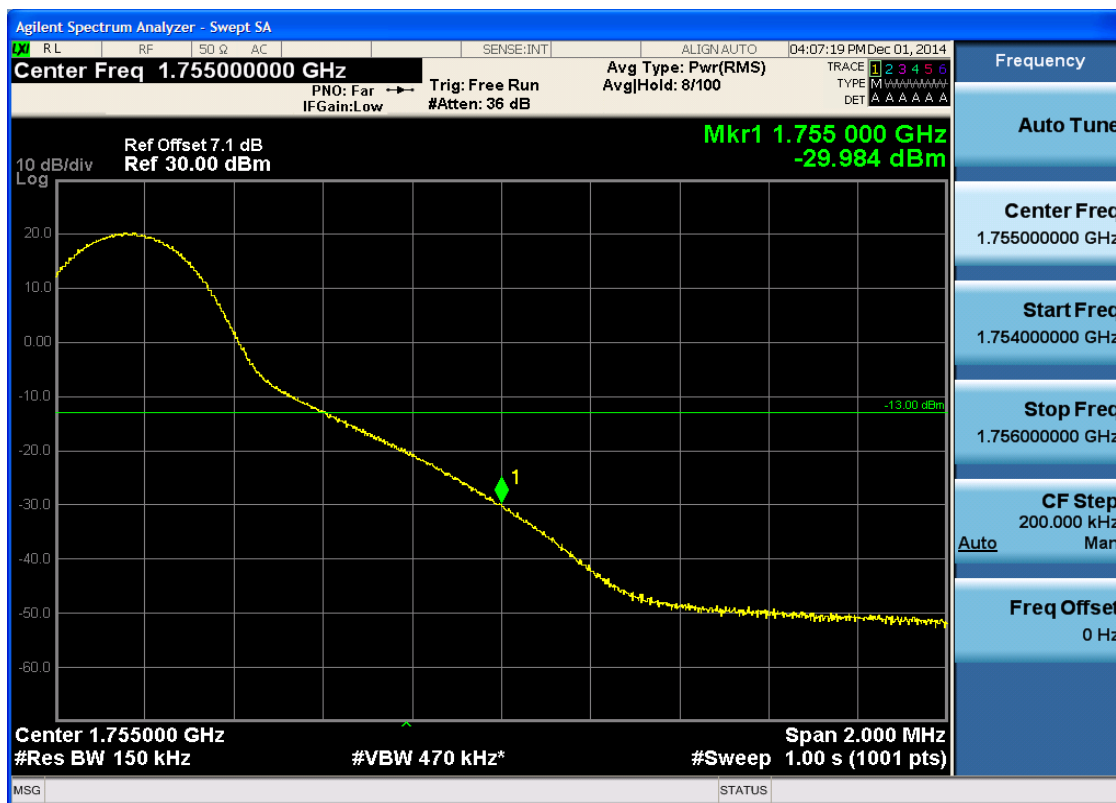
5.1.2.2.5.2 Test Channel = HCH

5.1.2.2.5.2.1 Test RB = RB1#0



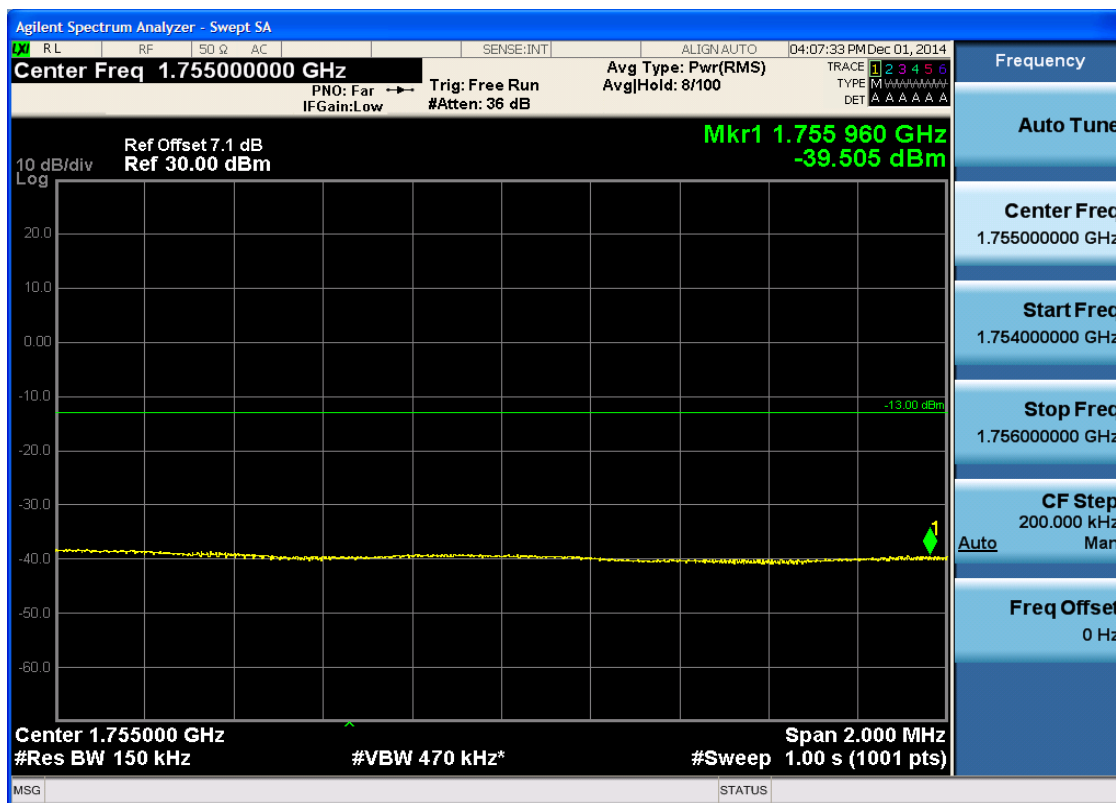


5.1.2.2.5.2.2 Test RB = RB1#74



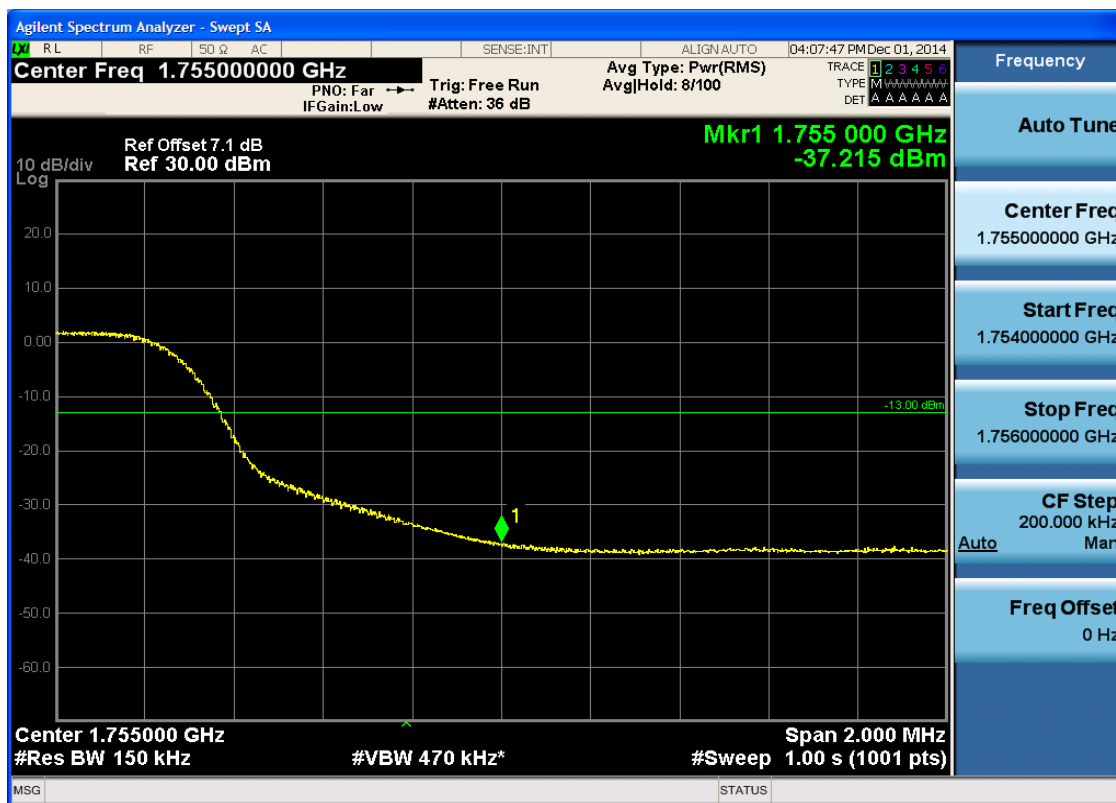


5.1.2.2.5.2.3 Test RB = RB38#19





5.1.2.2.5.2.4 Test RB = RB75#0

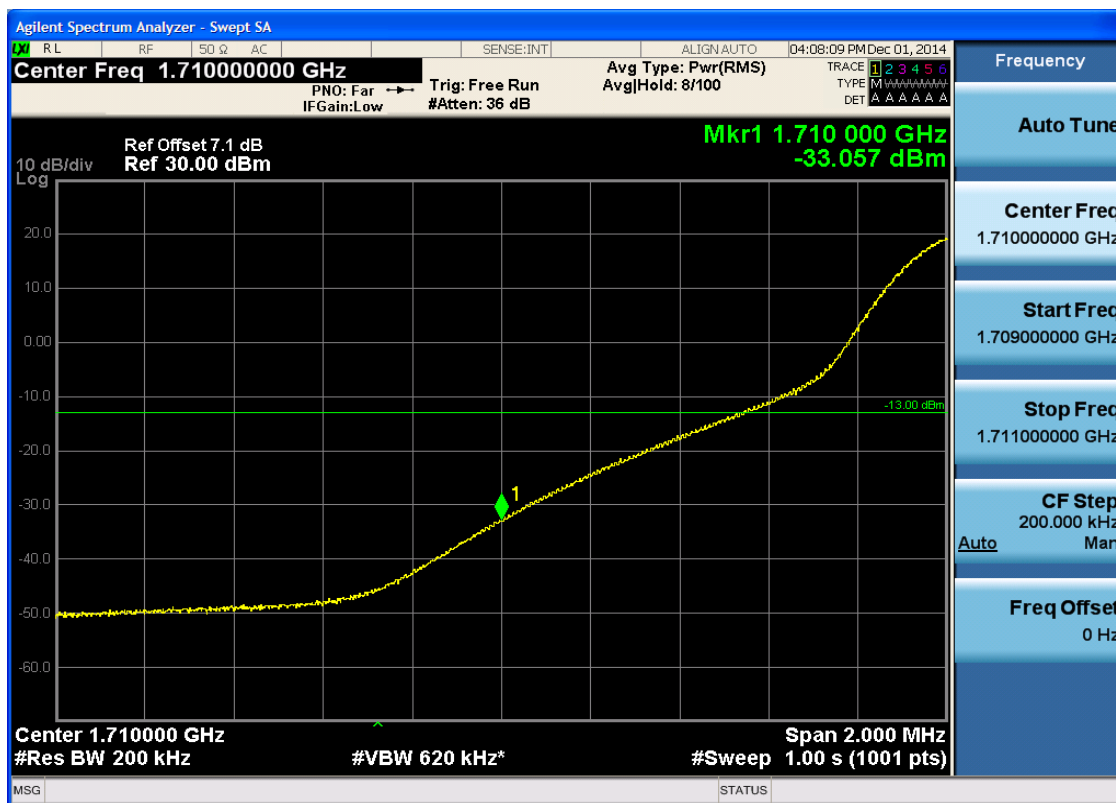




5.1.2.2.6 Test Bandwidth = 20

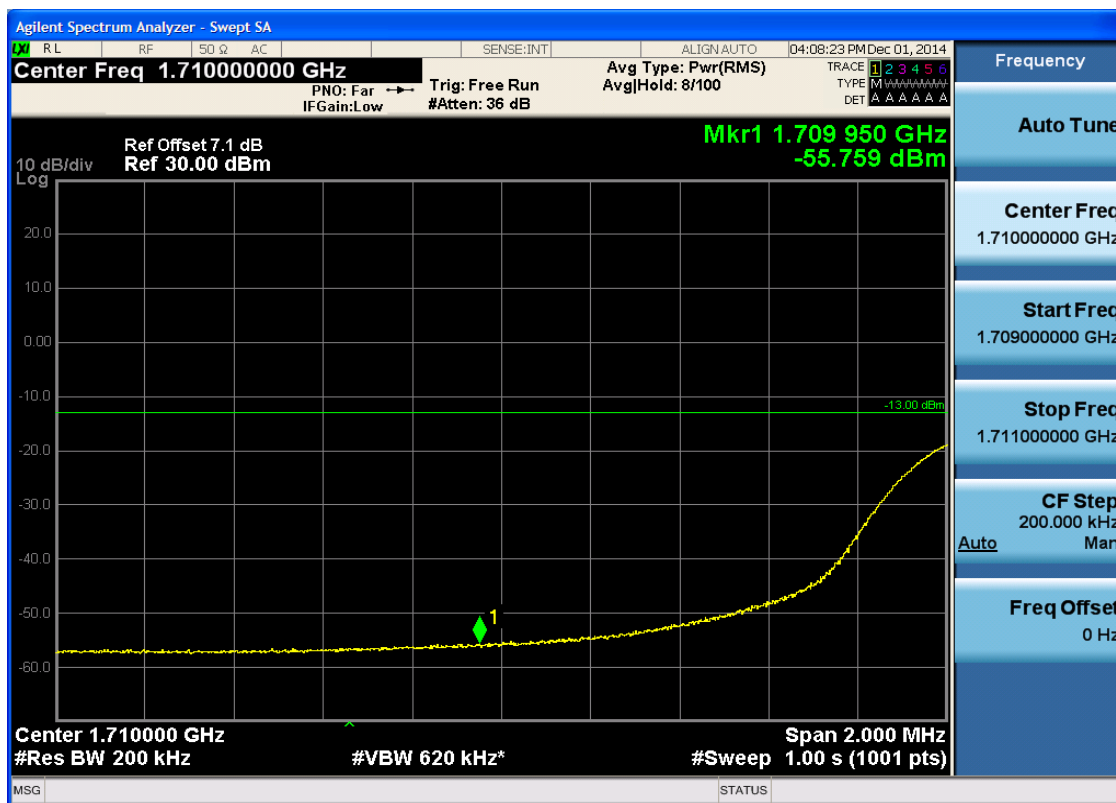
5.1.2.2.6.1 Test Channel = LCH

5.1.2.2.6.1.1 Test RB = RB1#0



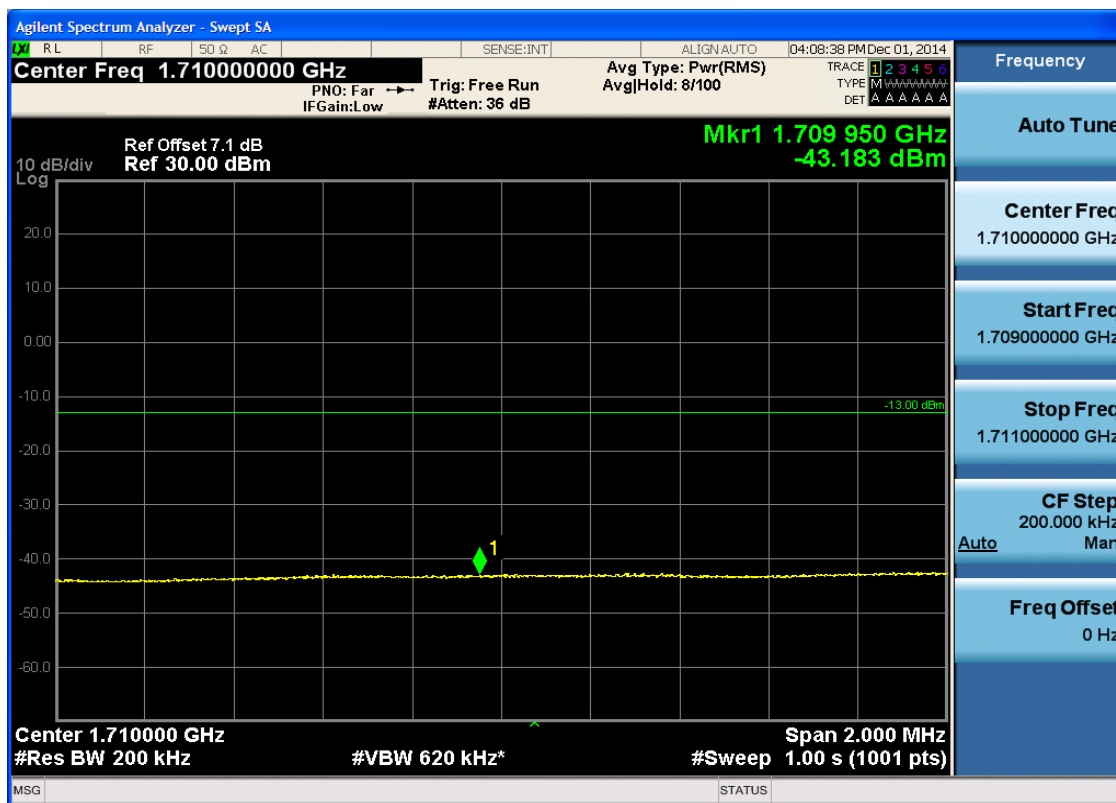


5.1.2.2.6.1.2 Test RB = RB1#99



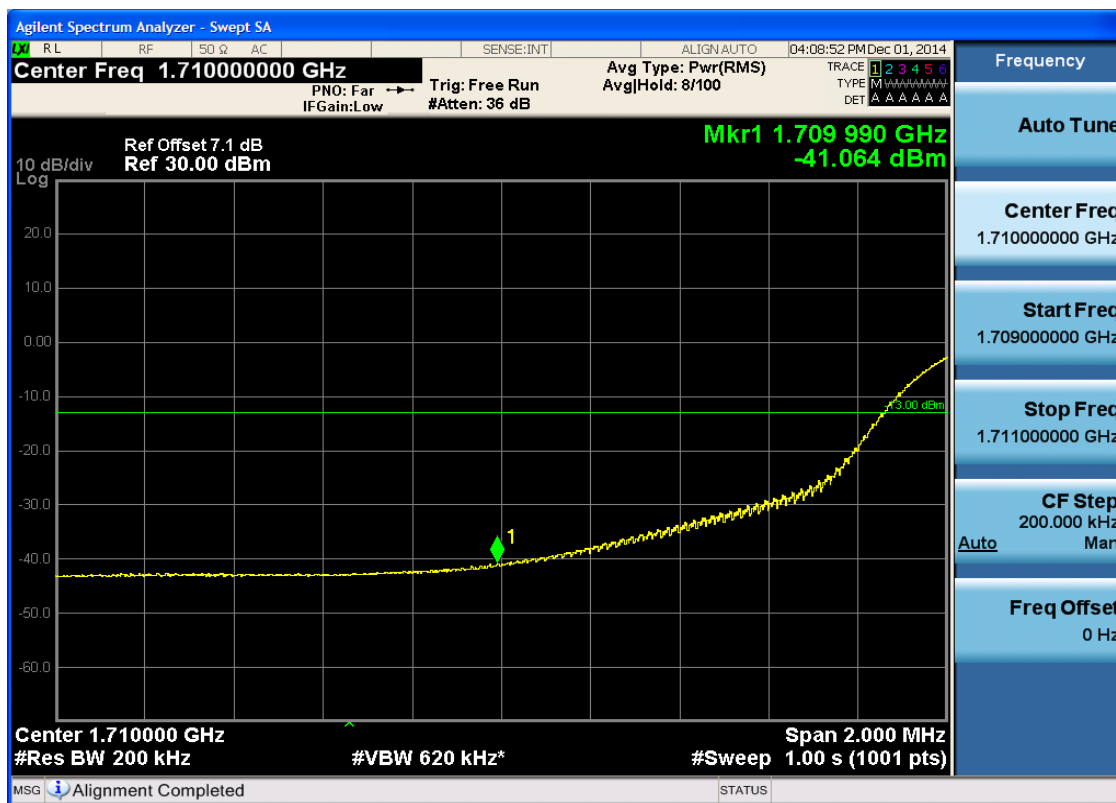


5.1.2.2.6.1.3 Test RB = RB50#25





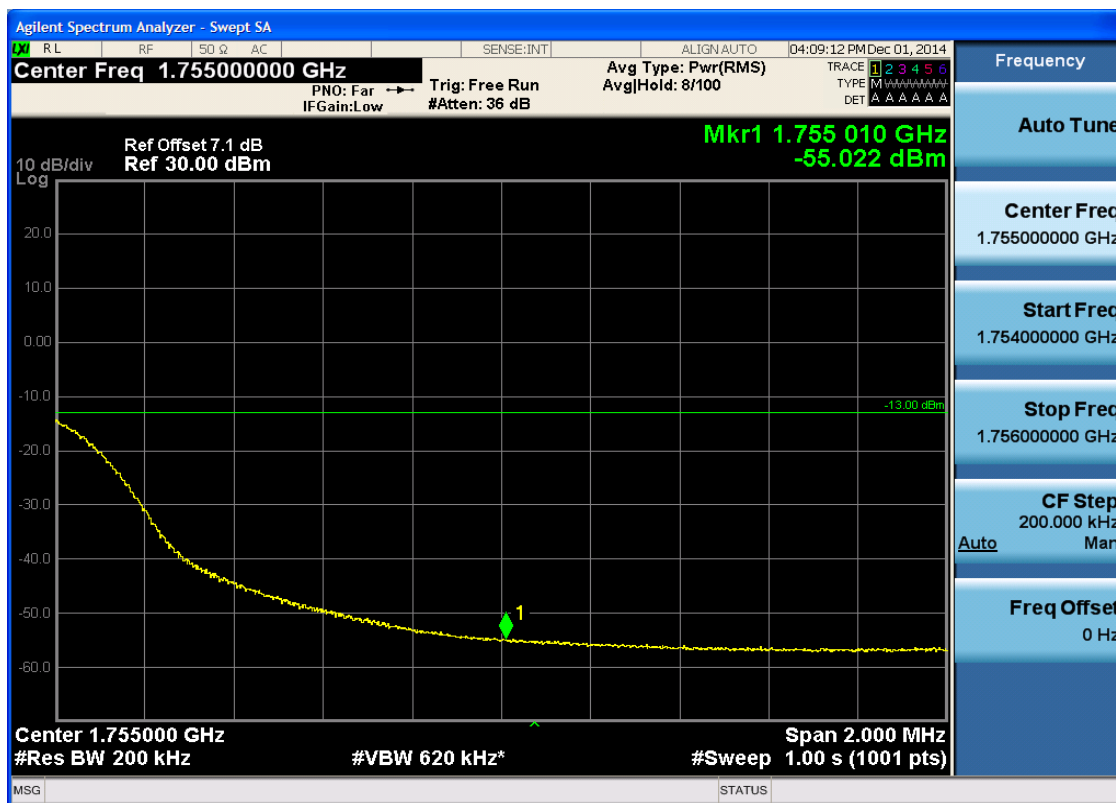
5.1.2.2.6.1.4 Test RB = RB100#0





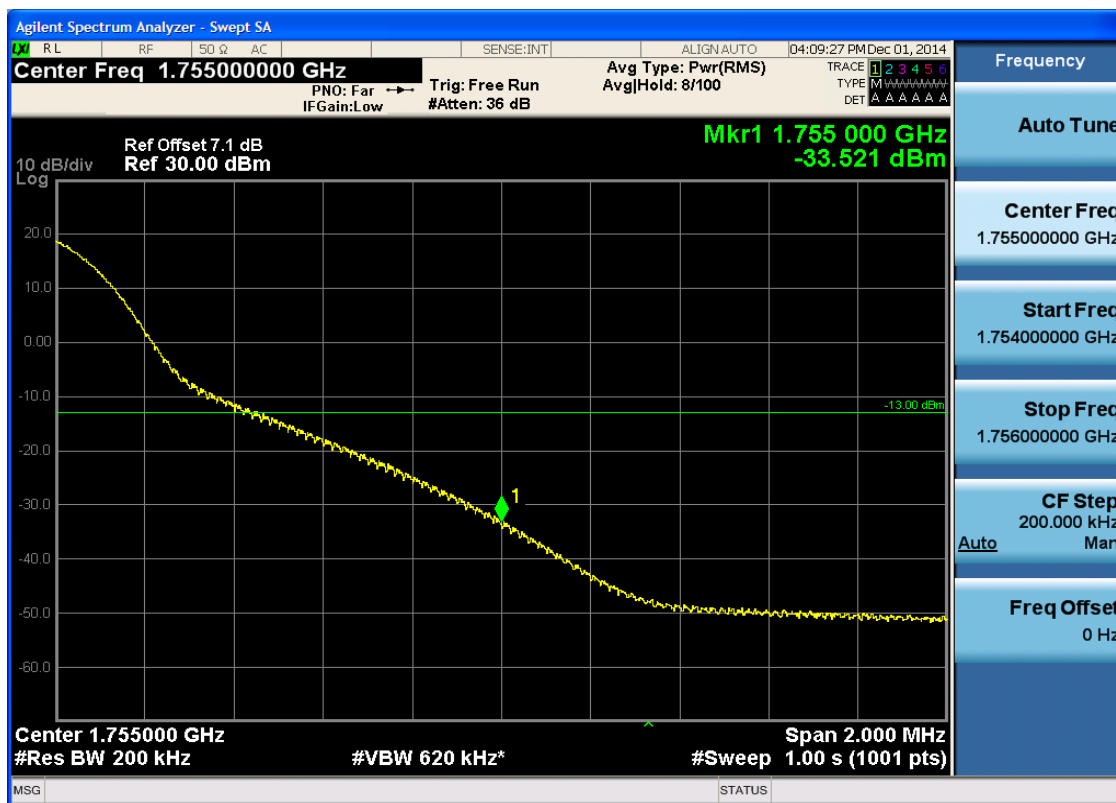
5.1.2.2.6.2 Test Channel = HCH

5.1.2.2.6.2.1 Test RB = RB1#0



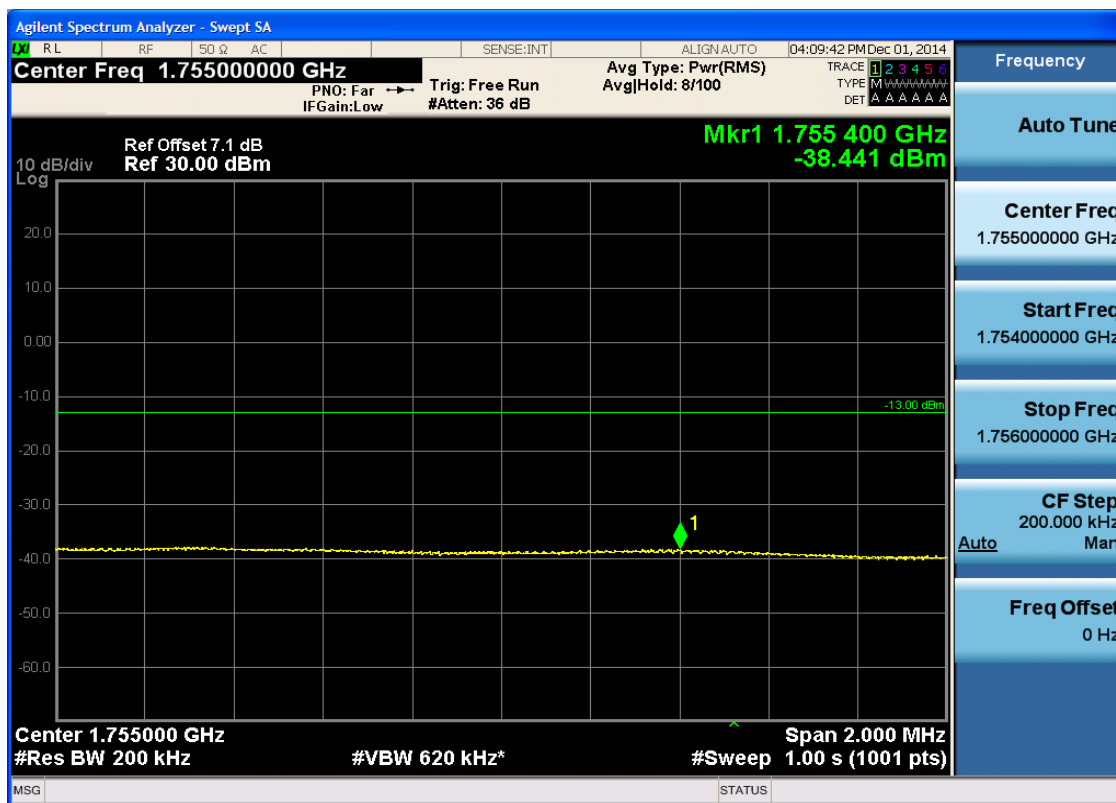


5.1.2.2.6.2.2 Test RB = RB1#99



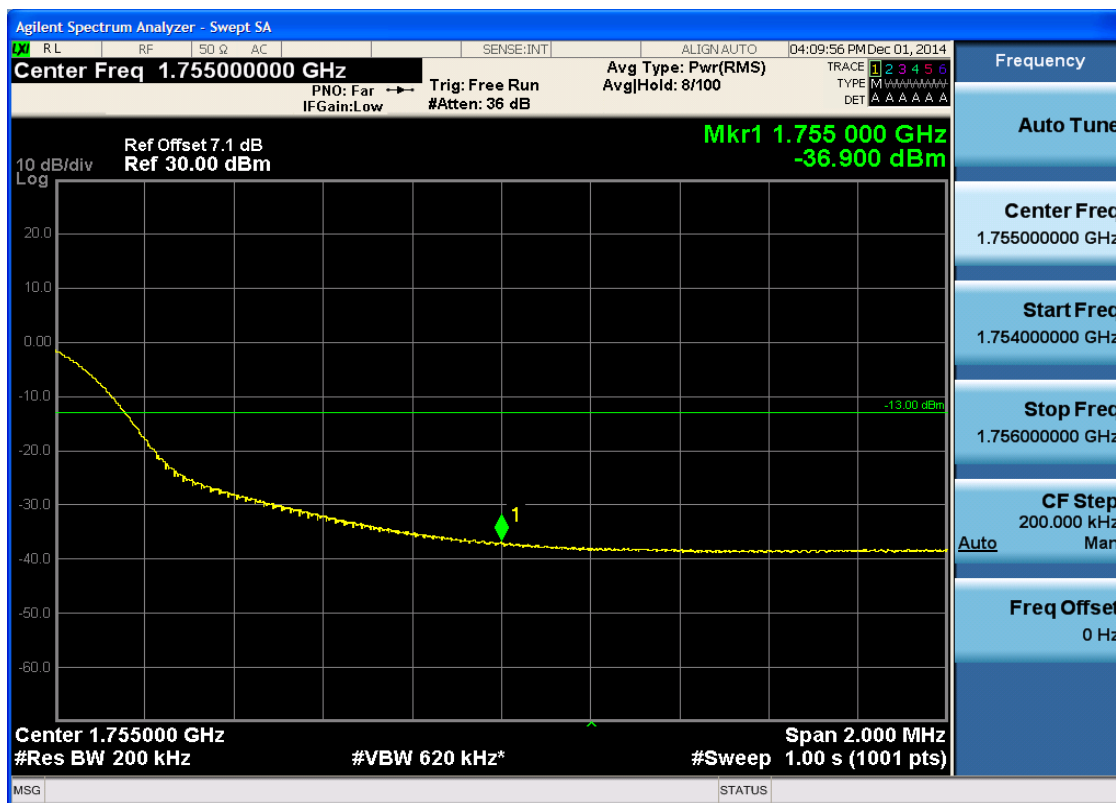


5.1.2.2.6.2.3 Test RB = RB50#25





5.1.2.2.6.2.4 Test RB = RB100#0





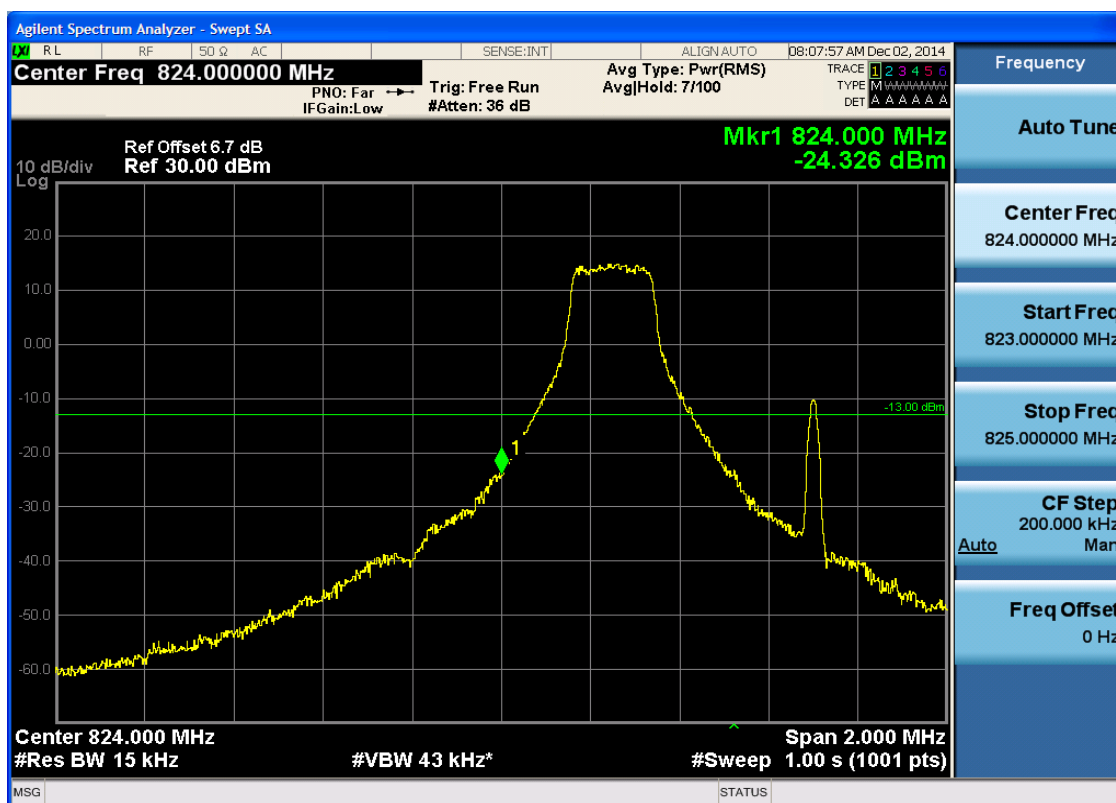
5.1.3 Test Band = BAND5

5.1.3.1 Test Mode = LTE/TM1

5.1.3.1.1 Test Bandwidth = 1.4

5.1.3.1.1.1 Test Channel = LCH

5.1.3.1.1.1.1 Test RB = RB1#0



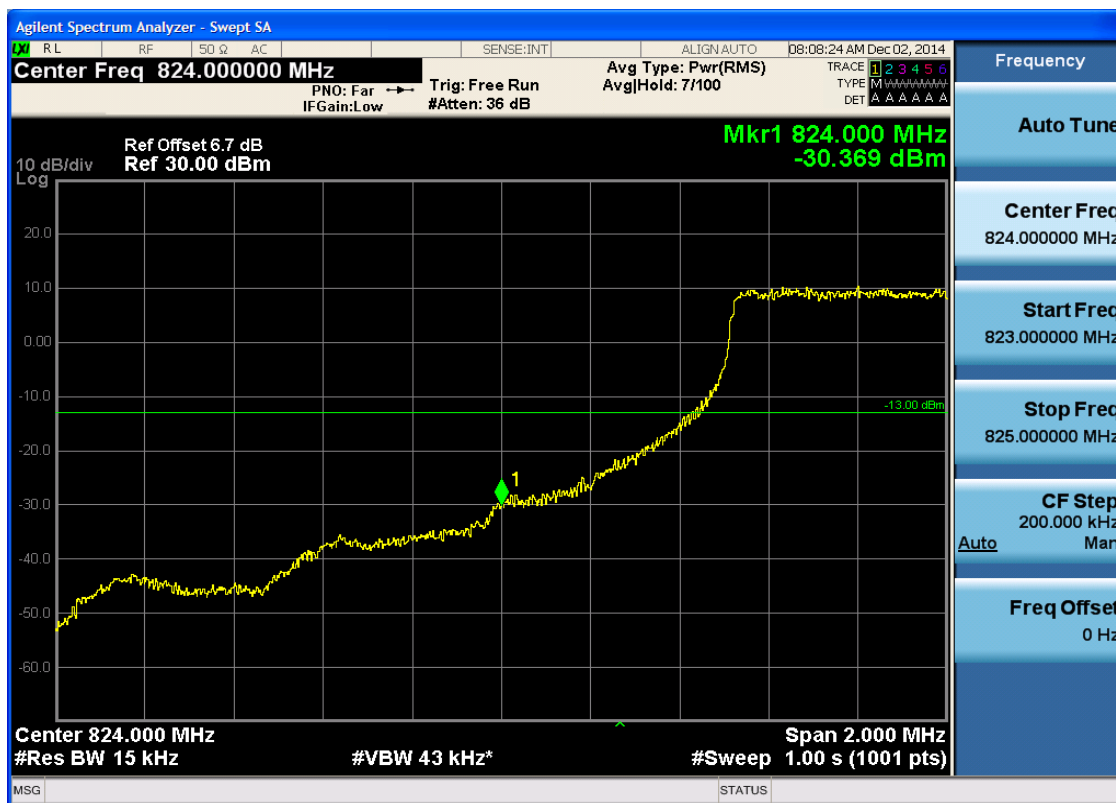


3.5.1.3.1.1.2 Test RB = RB1#5



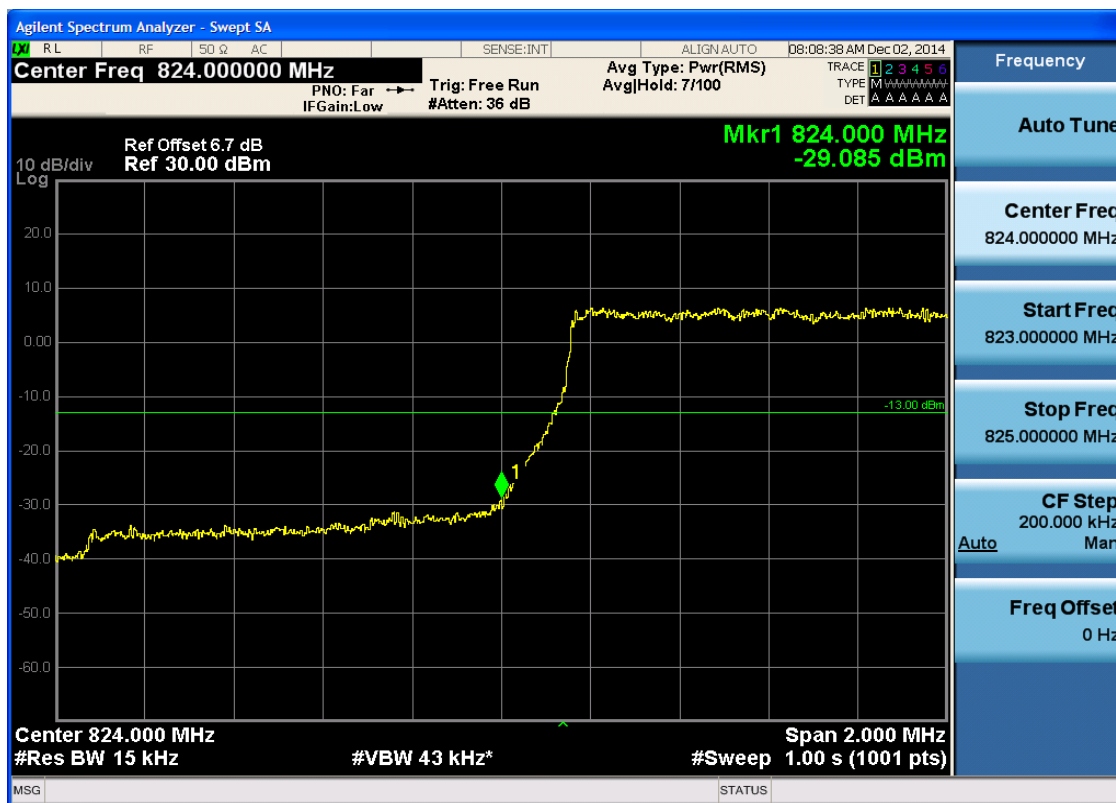


5.1.3.1 .1.1.3 Test RB = RB3#2





5.1.3.1 .1.1.4 Test RB = RB6#0





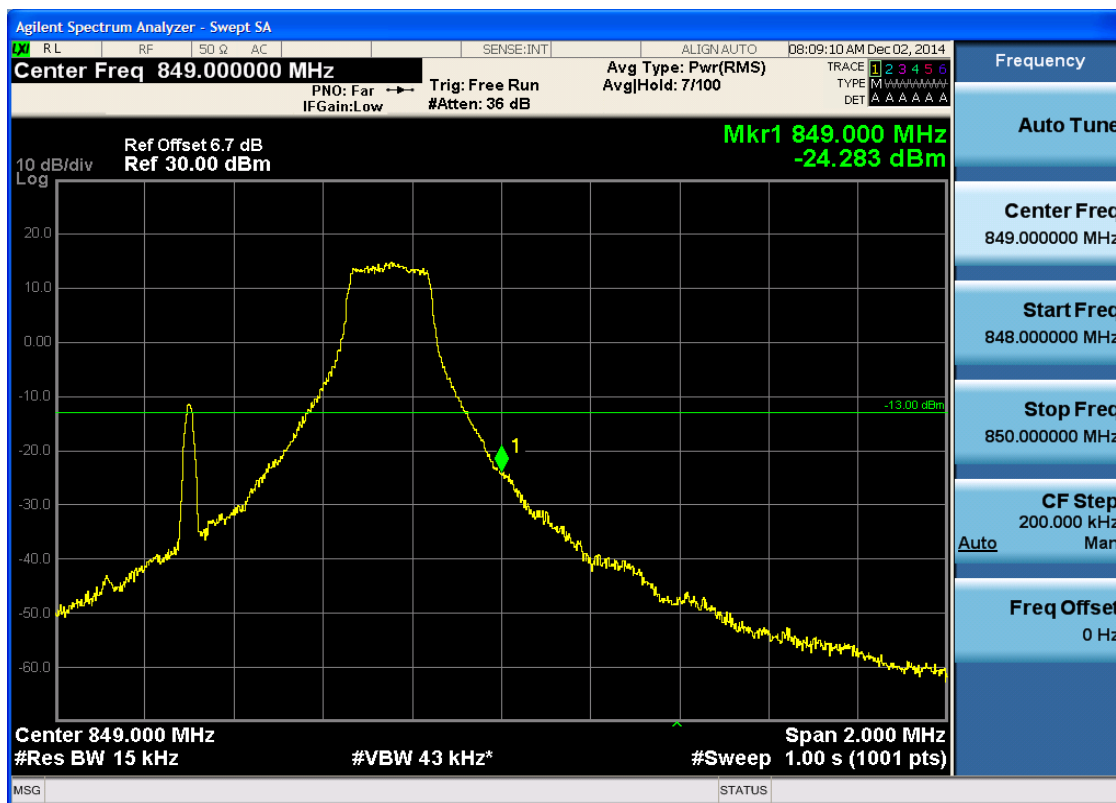
5.1.3.1.1.2 Test Channel = HCH

5.1.3.1.1.2.1 Test RB = RB1#0





5.1.3.1.1.2.2 Test RB = RB1#5





5.1.3.1.1.2.3 Test RB = RB3#2





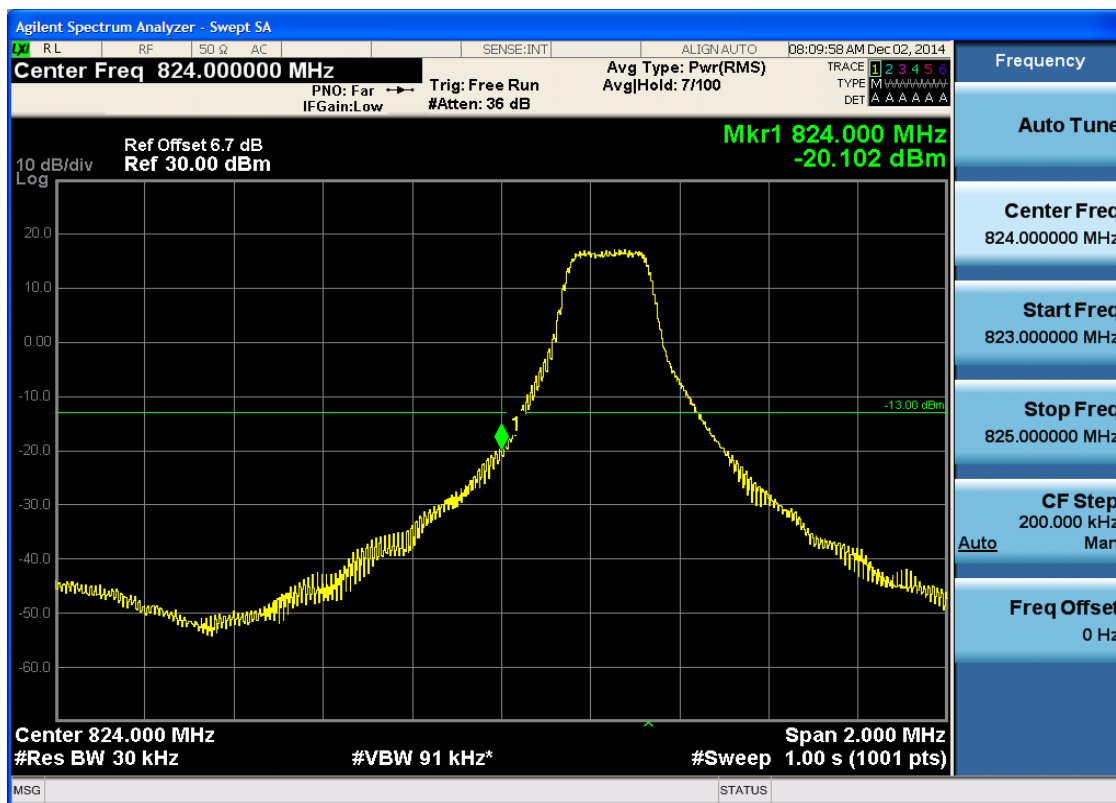
5.1.3.1.1.2.4 Test RB = RB6#0



5.1.3.1.2 Test Bandwidth = 3

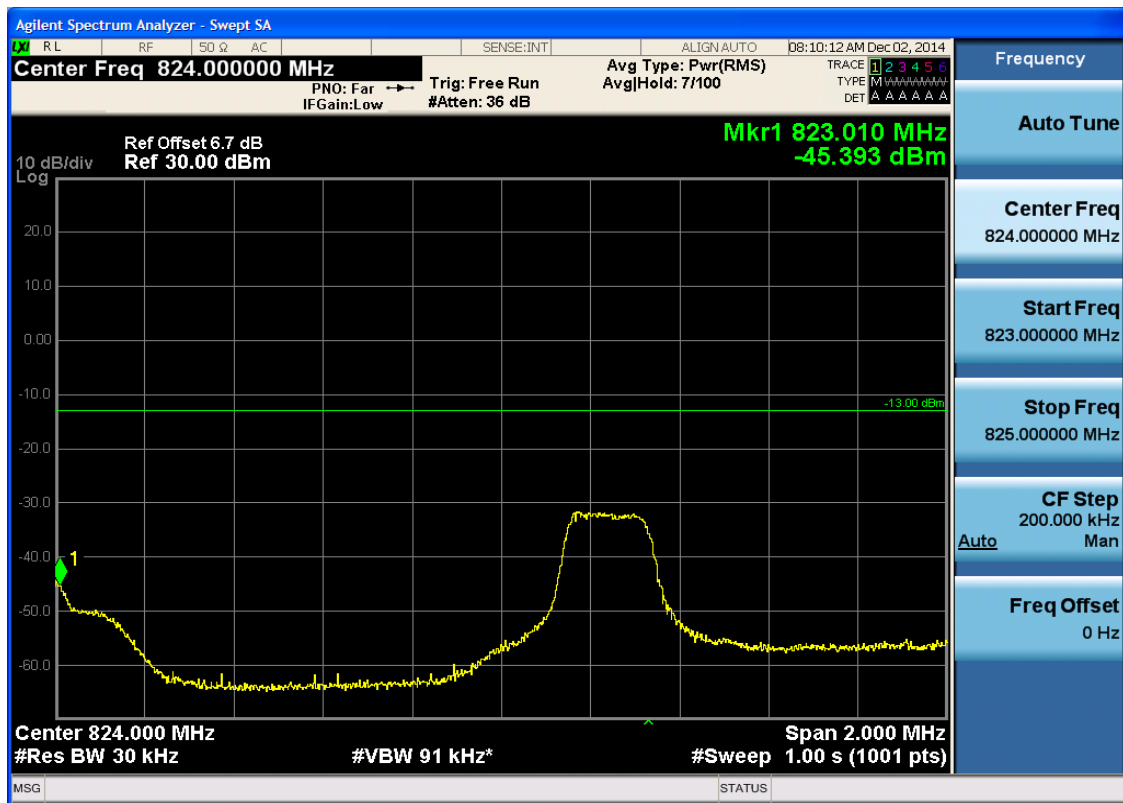
5.1.3.1.2.1 Test Channel = LCH

5.1.3.1.2.1.1 Test RB = RB1#0



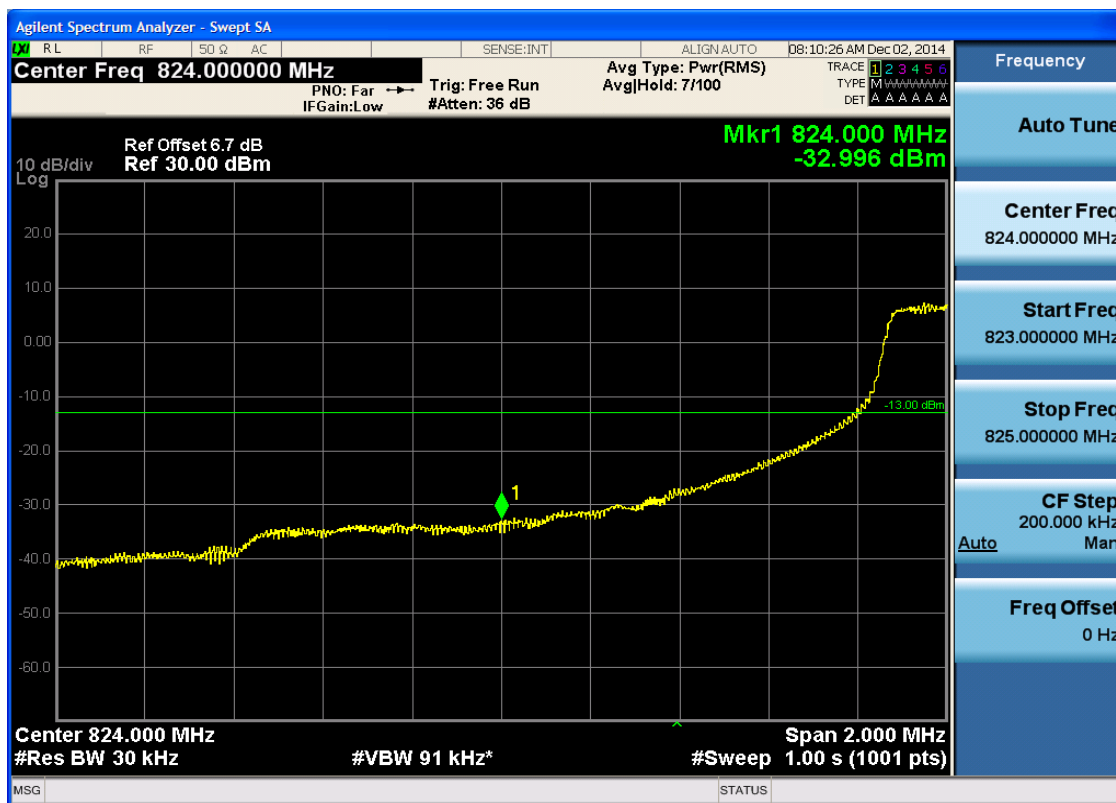


5.1.3.1.2.1.2 Test RB = RB1#14



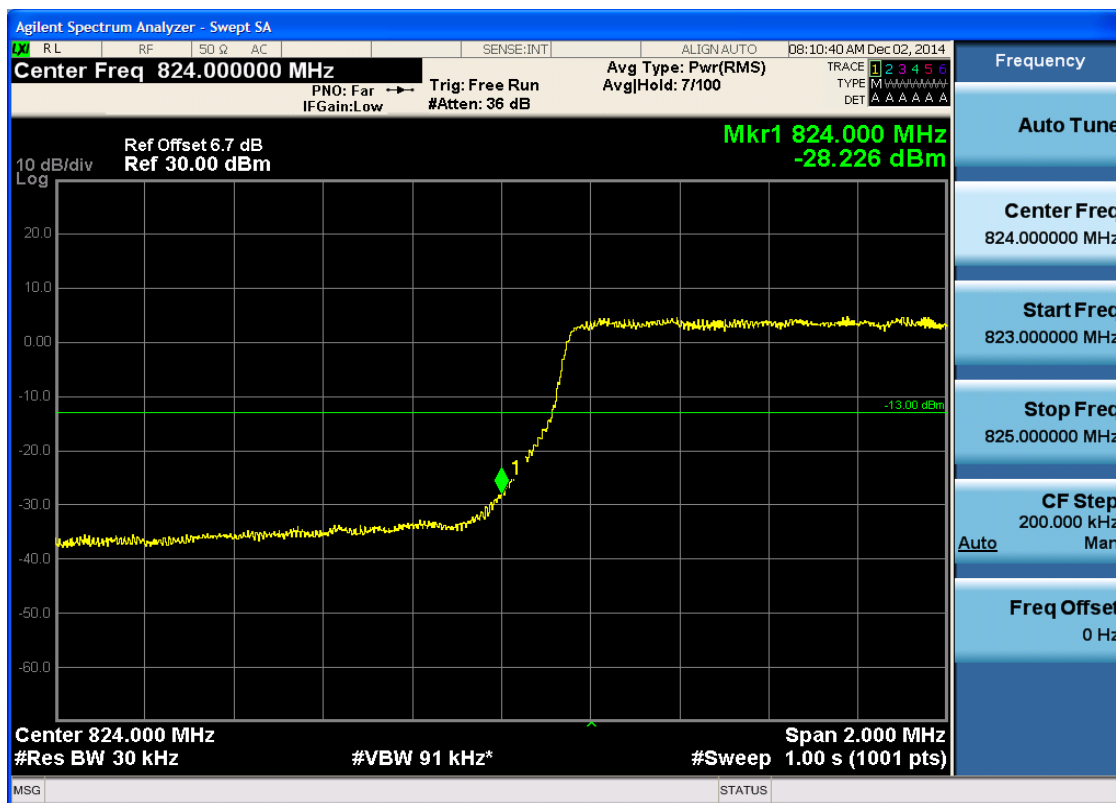


5.1.3.1.2.1.3 Test RB = RB8#4





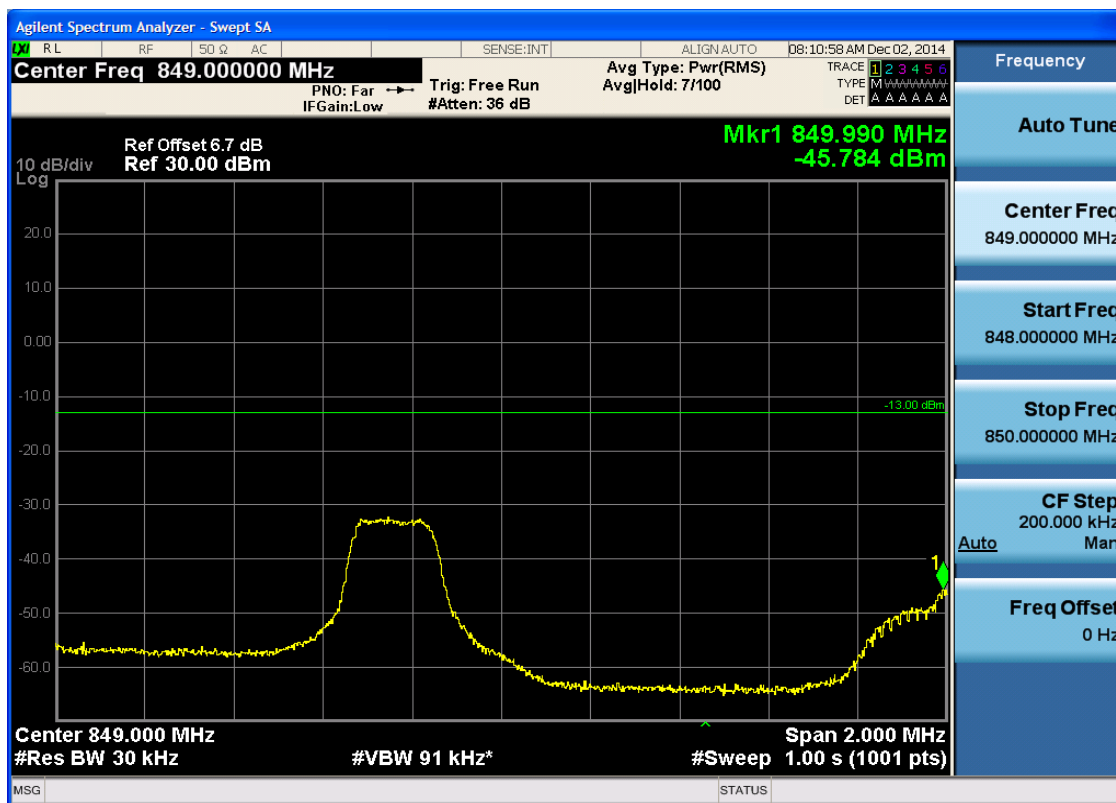
5.1.3.1.2.1.4 Test RB = RB15#0





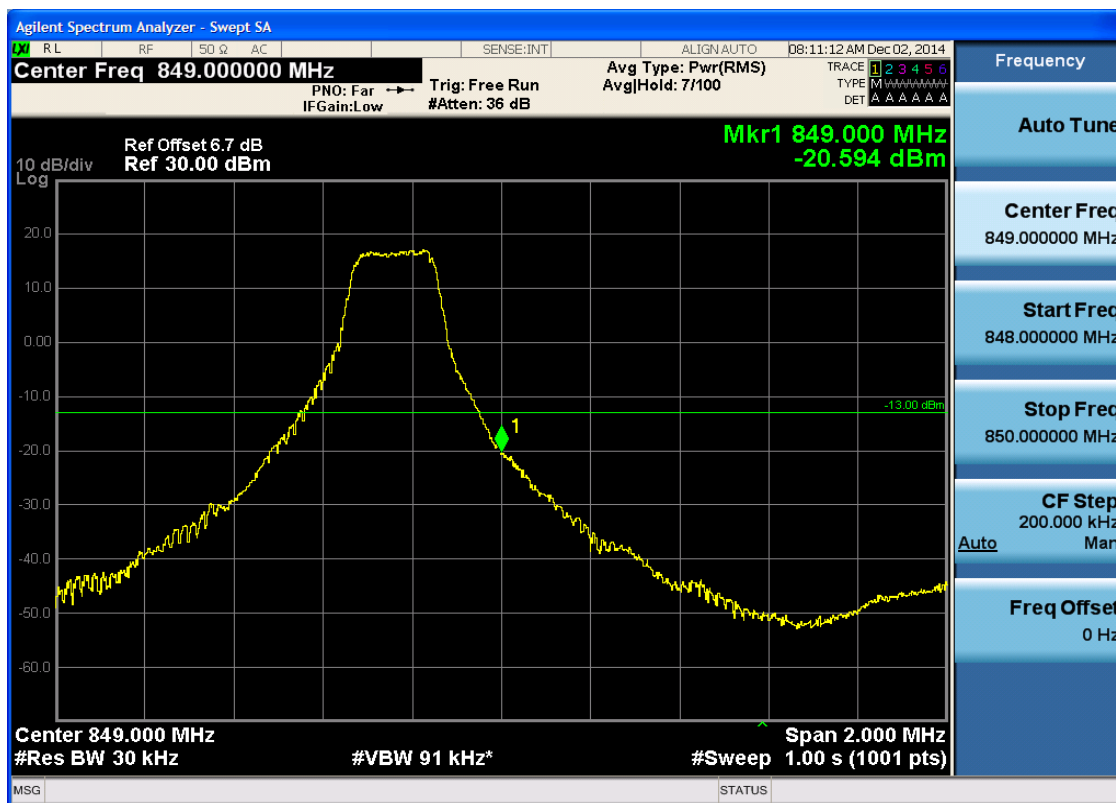
5.1.3.1.2.2 Test Channel = HCH

5.1.3.1.2.2.1 Test RB = RB1#0



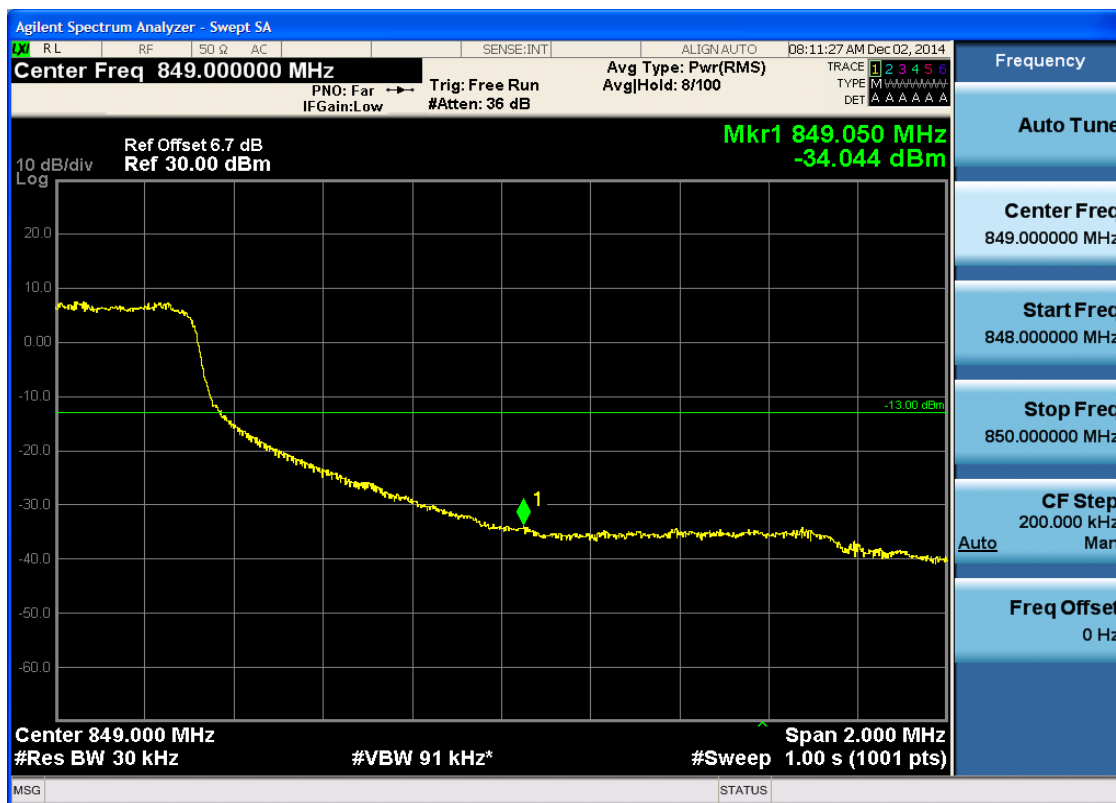


5.1.3.1.2.2.2 Test RB = RB1#14



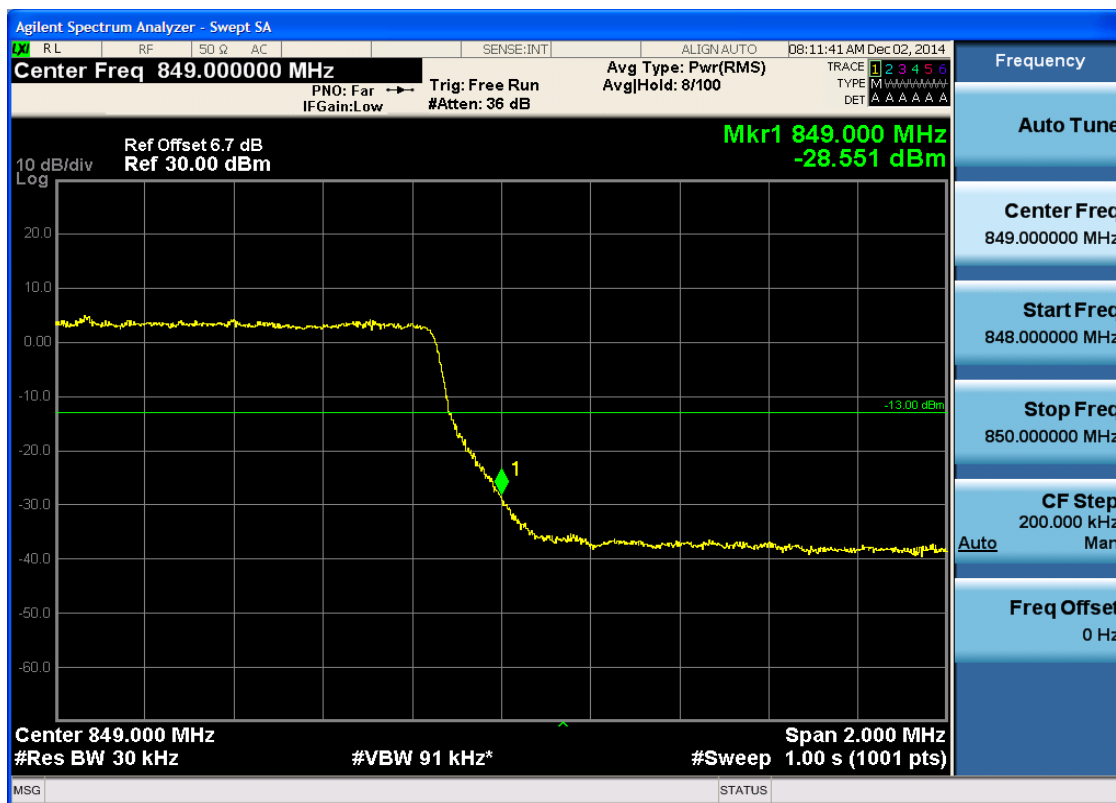


5.1.3.1.2.3 Test RB = RB8#4





5.1.3.1.2.2.4 Test RB = RB15#0

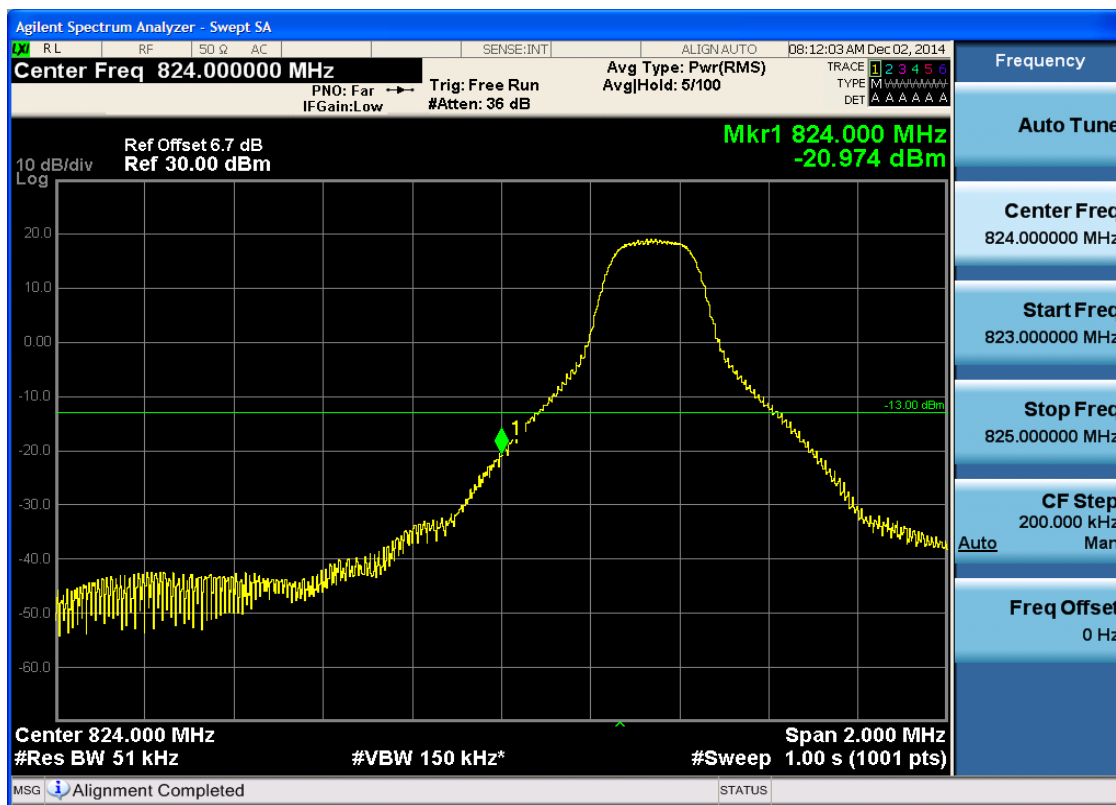




5.1.3.1 .3 Test Bandwidth = 5

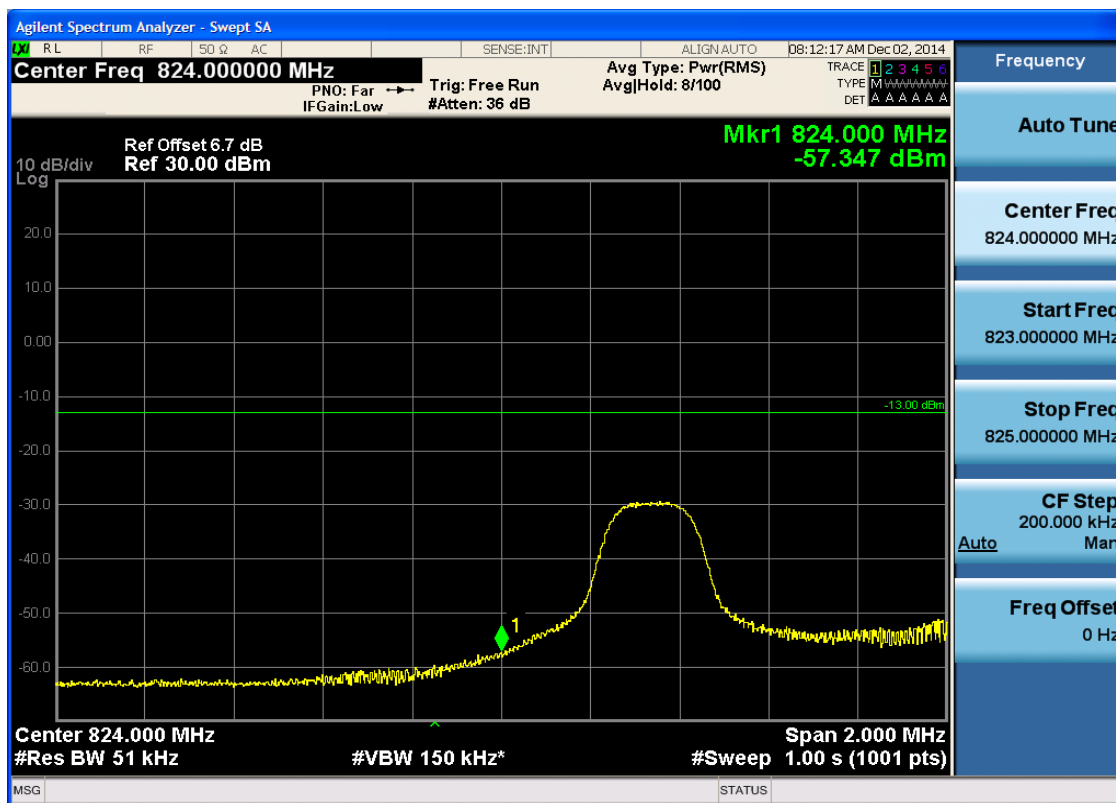
5.1.3.1 .3.1 Test Channel = LCH

5.1.3.1 .3.1.1 Test RB = RB1#0



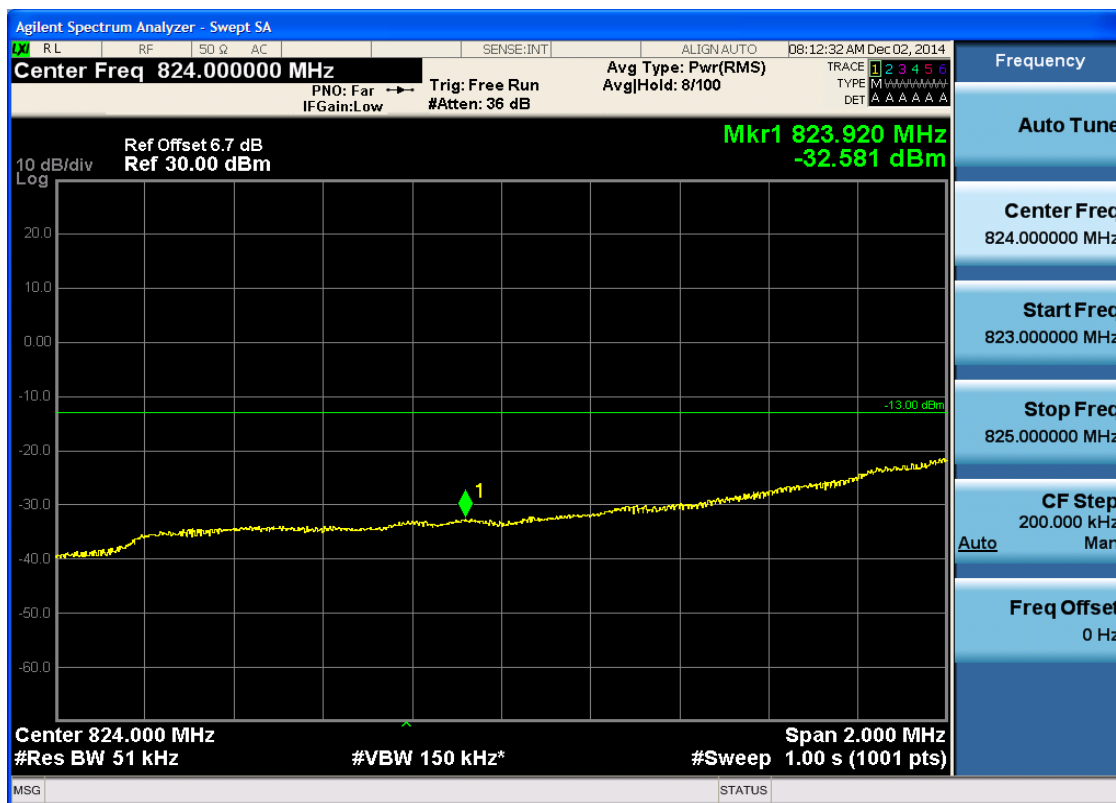


5.1.3.1 .3.1.2 Test RB = RB1#24



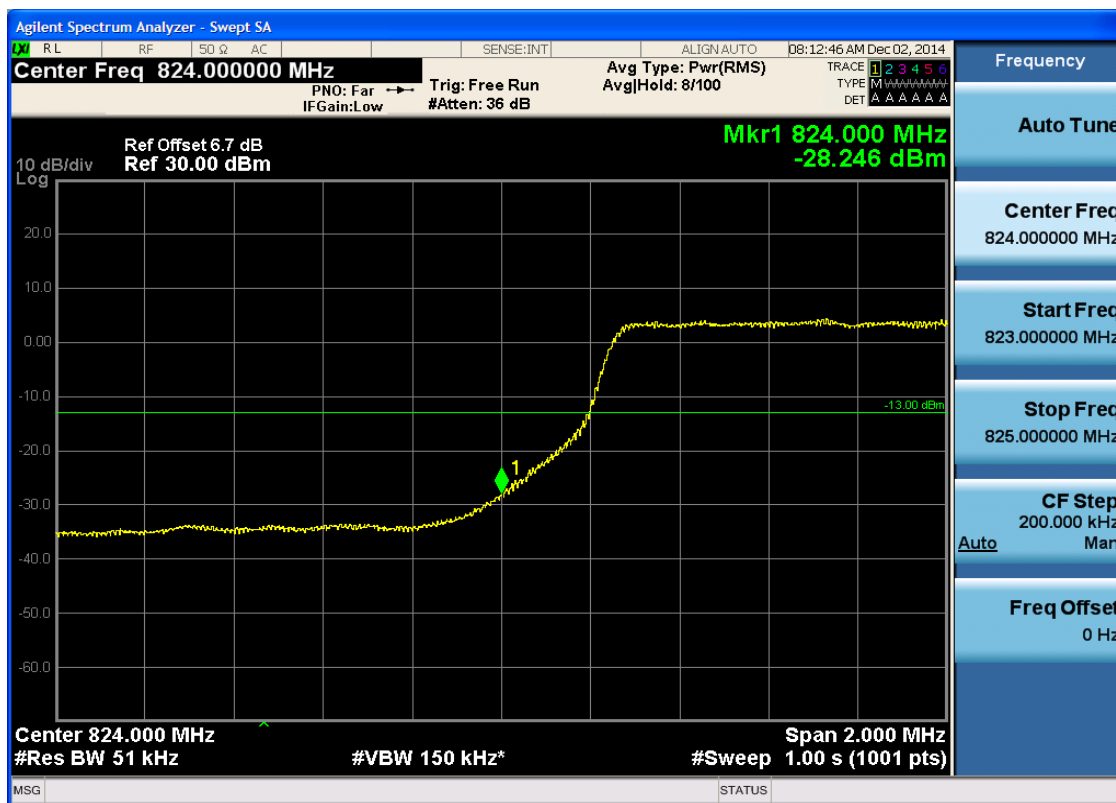


5.1.3.1 .3.1.3 Test RB = RB12#6





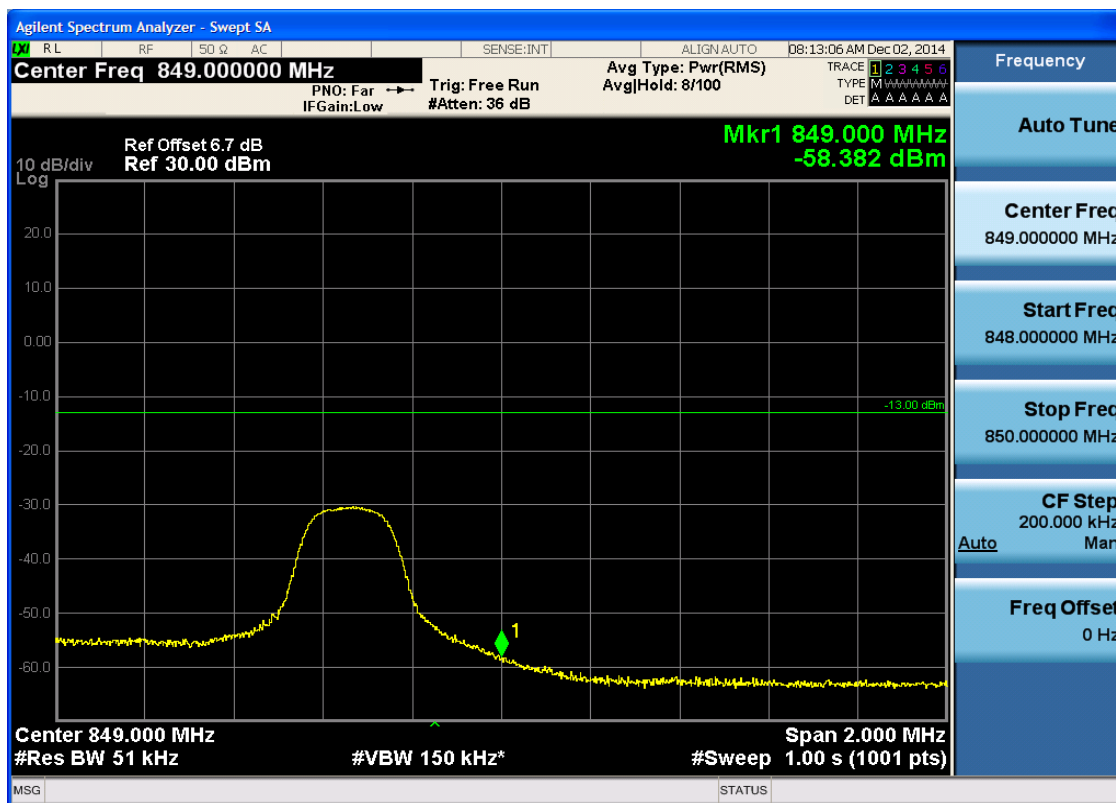
5.1.3.1 .3.1.4 Test RB = RB25#0

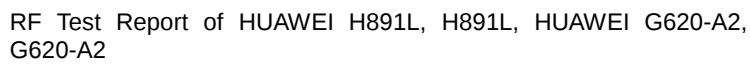




5.1.3.1 .3.2 Test Channel = HCH

5.1.3.1 .3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 08:13:20 AM Dec 02, 2014

Center Freq 849.000000 MHz PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) Avg/Hold: 8/100
 IF Gain: Low #Atten: 36 dB TYPE: M DET: A A A A A A

Mkr1 849.000 MHz
-21.230 dBm

10 dB/div
 Log

Ref Offset 6.7 dB
 Ref 30.00 dBm

-13.00 dBm

Center 849.000 MHz
#Res BW 51 kHz #VBW 150 kHz* Span 2.000 MHz
 #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq
 849.000000 MHz
Start Freq
 848.000000 MHz
Stop Freq
 850.000000 MHz
CF Step
 200.000 kHz
 Mar
Auto
Freq Offset
 0 Hz



5.1.3.1 .3.2.3 Test RB = RB12#6





5.1.3.1 .3.2.4 Test RB = RB25#0

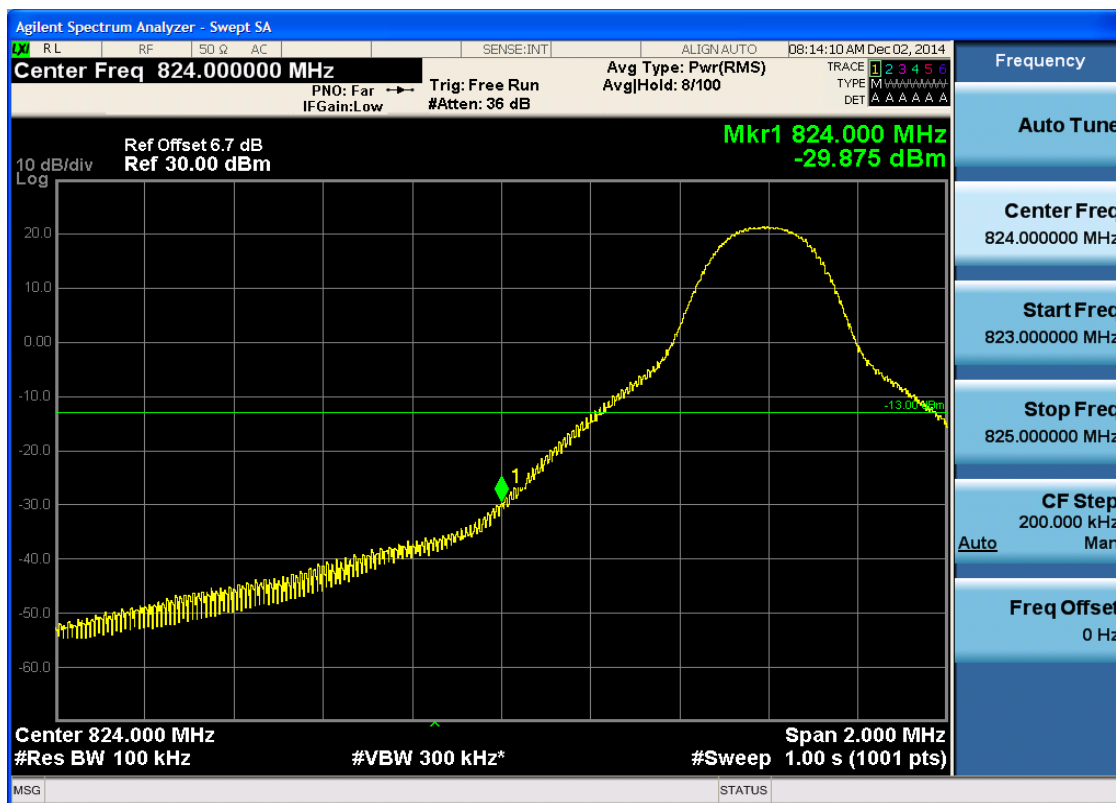




5.1.3.1 .4 Test Bandwidth = 10

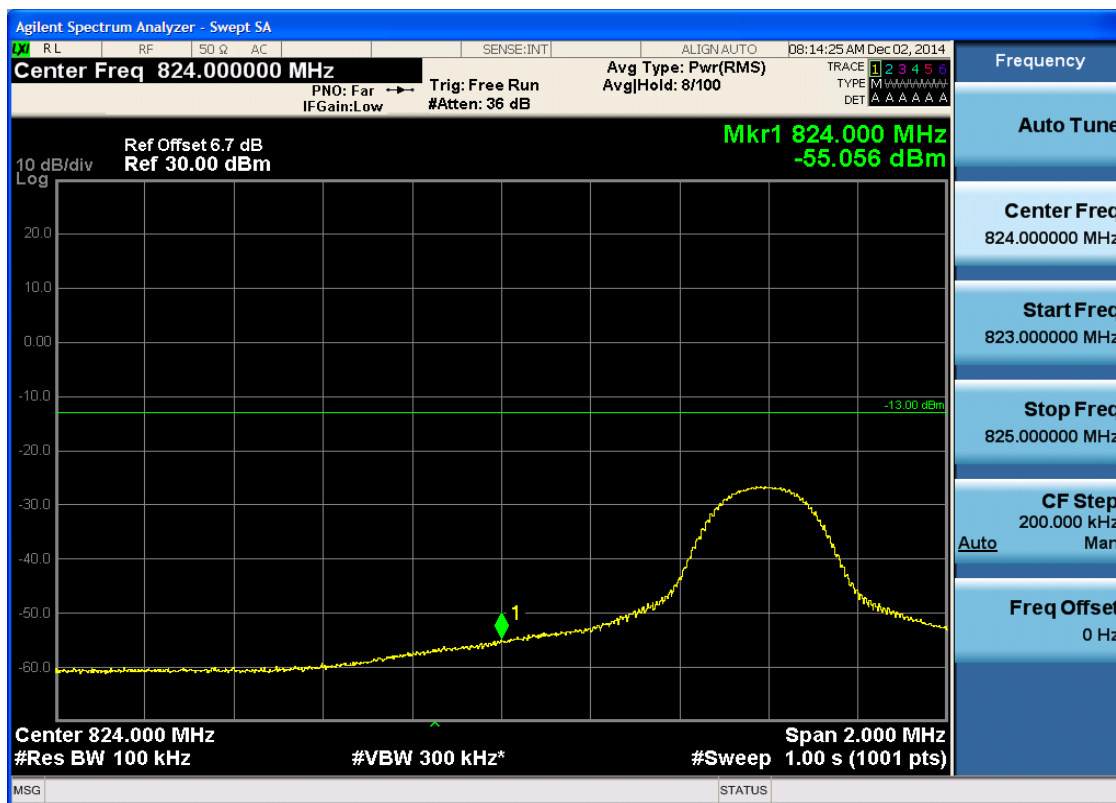
5.1.3.1 .4.1 Test Channel = LCH

5.1.3.1 .4.1.1 Test RB = RB1#0



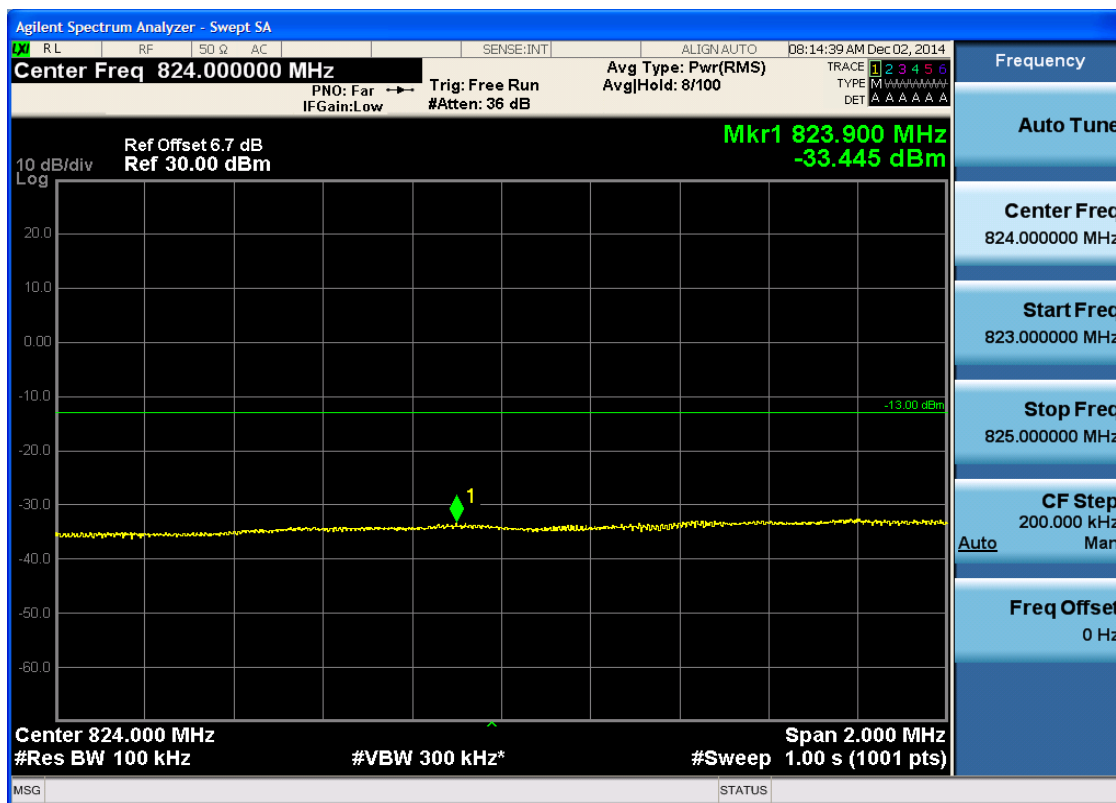


5.1.3.1 .4.1.2 Test RB = RB1#49

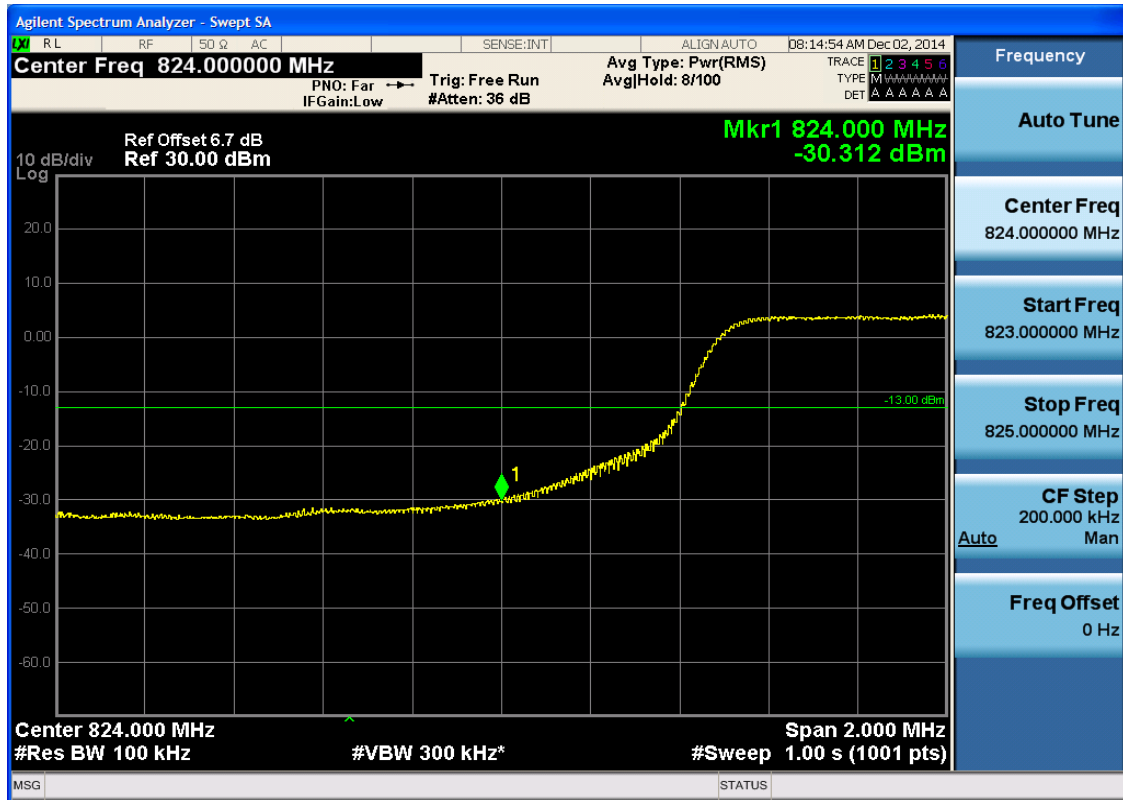




5.1.3.1 .4.1.3 Test RB = RB25#13



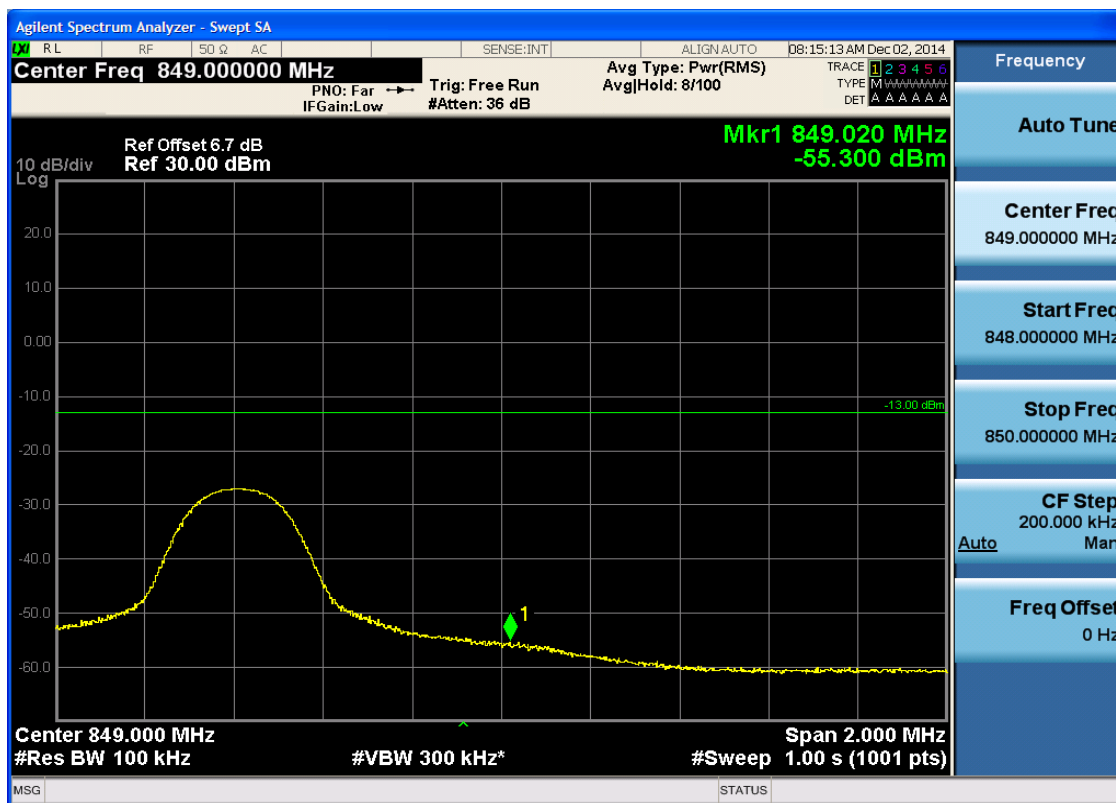
5.1.3.1 .4.1.4 Test RB = RB50#0

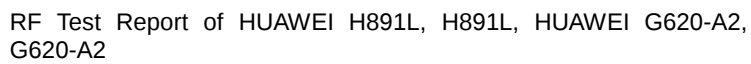




5.1.3.1 .4.2 Test Channel = HCH

5.1.3.1 .4.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 08:15:28 AM Dec 02, 2014

Center Freq 849.000000 MHz PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) Avg/Hold: 8/100

IF Gain: Low #Atten: 36 dB

TRACE 1 2 3 4 5 6 TYPE MAAAAA DET AAAAAA

Ref Offset 6.7 dB **Mkr1 849.000 MHz**
Ref 30.00 dBm **-31.378 dBm**

10 dB/div
Log

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

848.000000 MHz
849.000000 MHz
850.000000 MHz

-13.00 dBm

Center 849.000 MHz Span 2.000 MHz
#Res BW 100 kHz **#VBW 300 kHz*** **#Sweep 1.00 s (1001 pts)**

MSG STATUS

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz



5.1.3.1 .4.2.3 Test RB = RB25#13





5.1.3.1 .4.2.4 Test RB = RB50#0



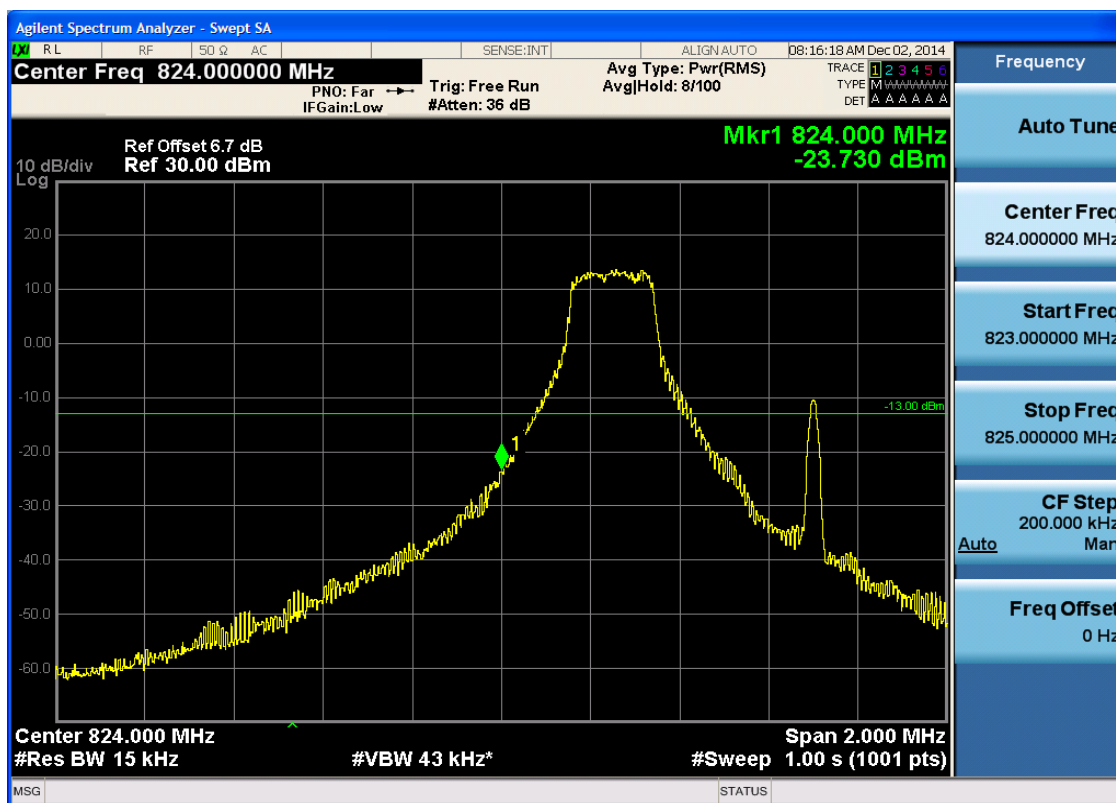


5.1.3.2 Test Mode = LTE/TM2

5.1.3.2.1 Test Bandwidth = 1.4

5.1.3.2.1.1 Test Channel = LCH

5.1.3.2.1.1.1 Test RB = RB1#0



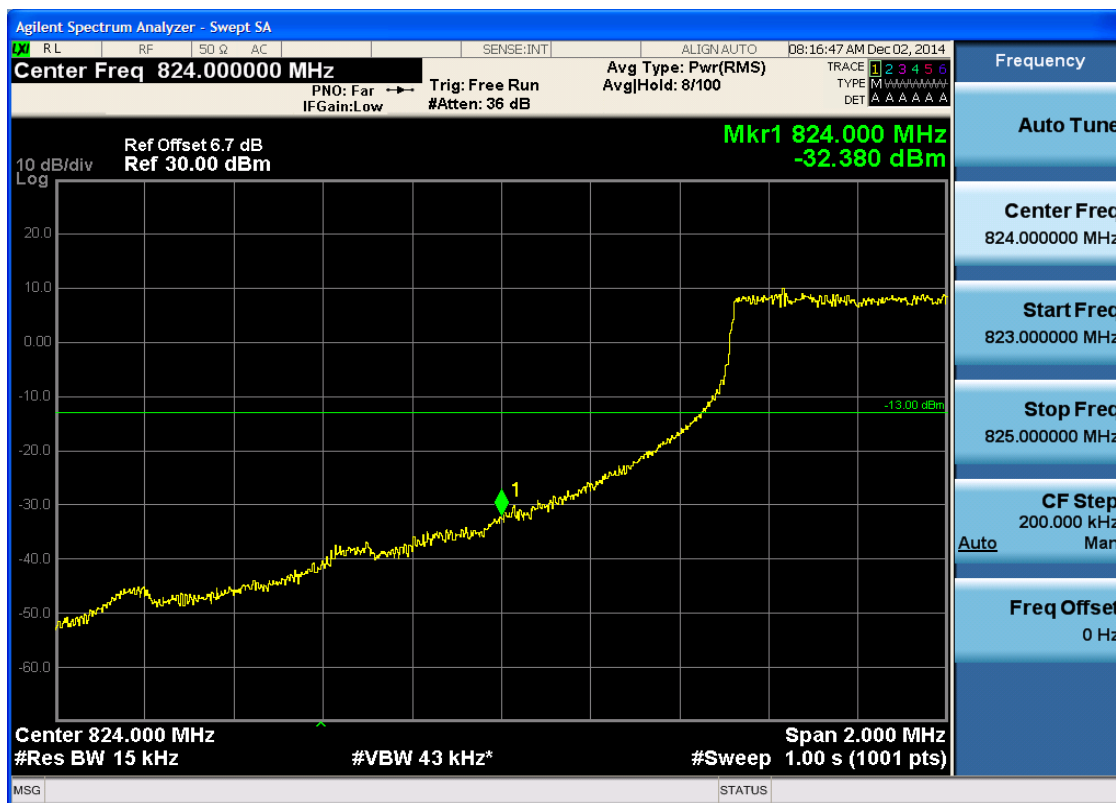


5.1.3.2.1.1.2 Test RB = RB1#5

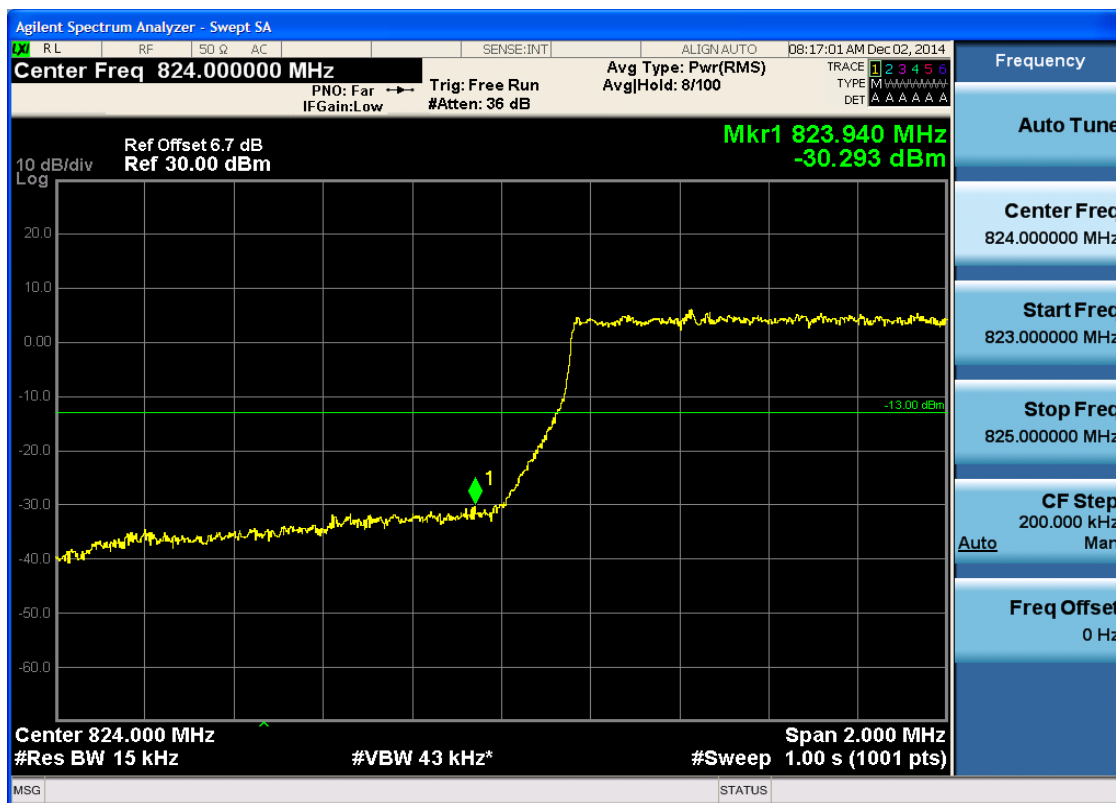




5.1.3.2.1.1.3 Test RB = RB3#2



5.1.3.2.1.1.4 Test RB = RB6#0

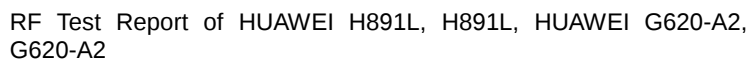




5.1.3.2.1.2 Test Channel = HCH

5.1.3.2.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 08:17:35 AM Dec 02, 2014

Center Freq 849.000000 MHz Avg Type: Pwr(RMS) Avg/Hold: 8/100

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

TRACE 1 2 3 4 5 6 TYPE MAAAAA DET AAAAAA

Ref Offset 6.7 dB Mkr1 849.000 MHz
Ref 30.00 dBm -23.173 dBm

10 dB/div Log

Center 849.000 MHz Span 2.000 MHz
#Res BW 15 kHz #VBW 43 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS



5.1.3.2.1.2.3 Test RB = RB3#2





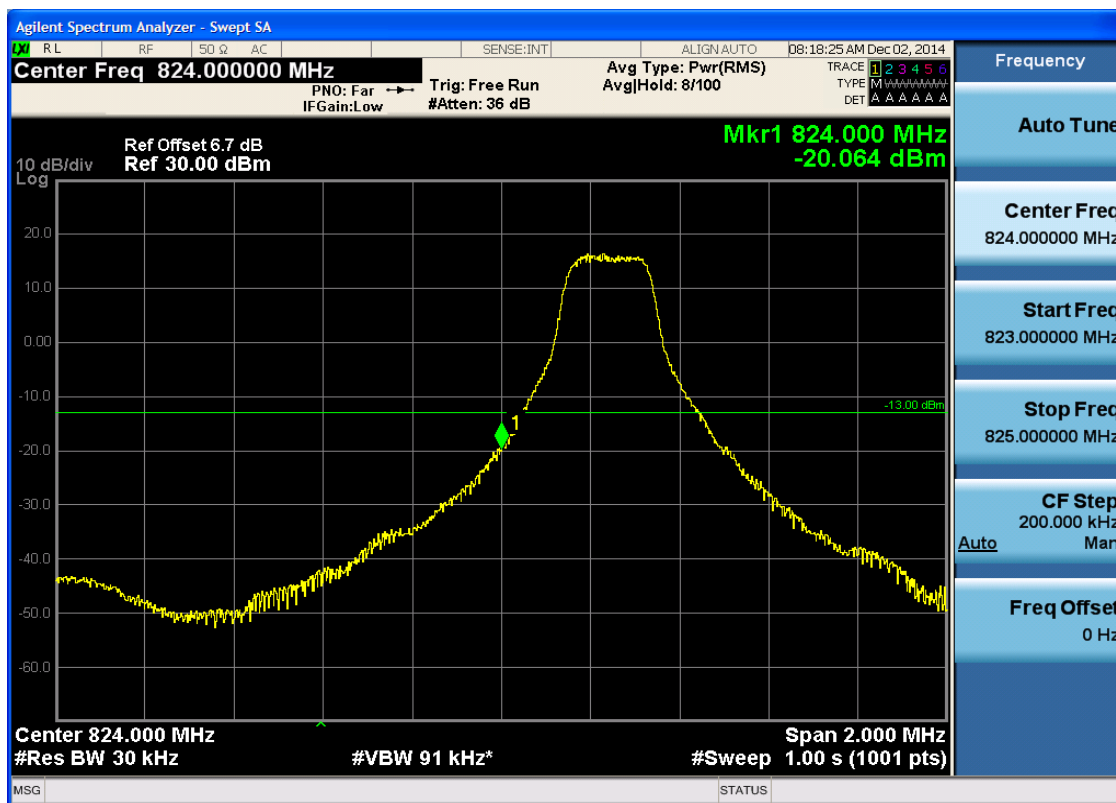
5.1.3.2.1.2.4 Test RB = RB6#0



5.1.3.2.2 Test Bandwidth = 3

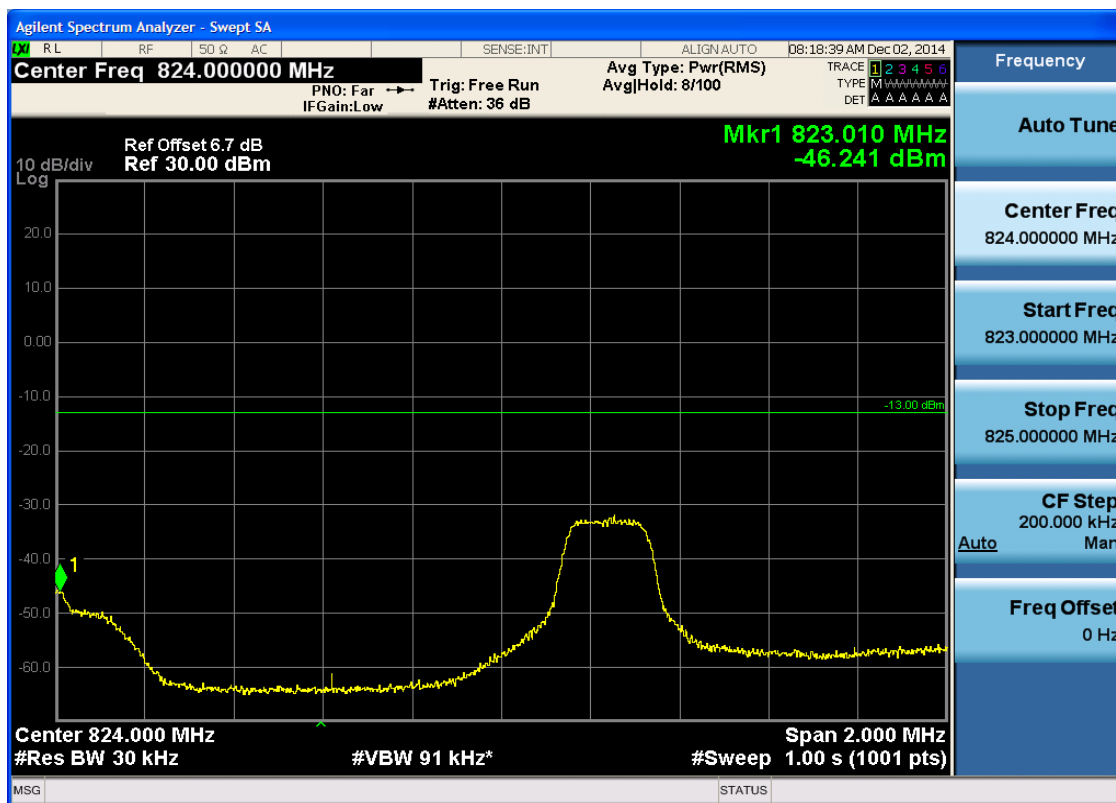
5.1.3.2.2.1 Test Channel = LCH

5.1.3.2.2.1.1 Test RB = RB1#0



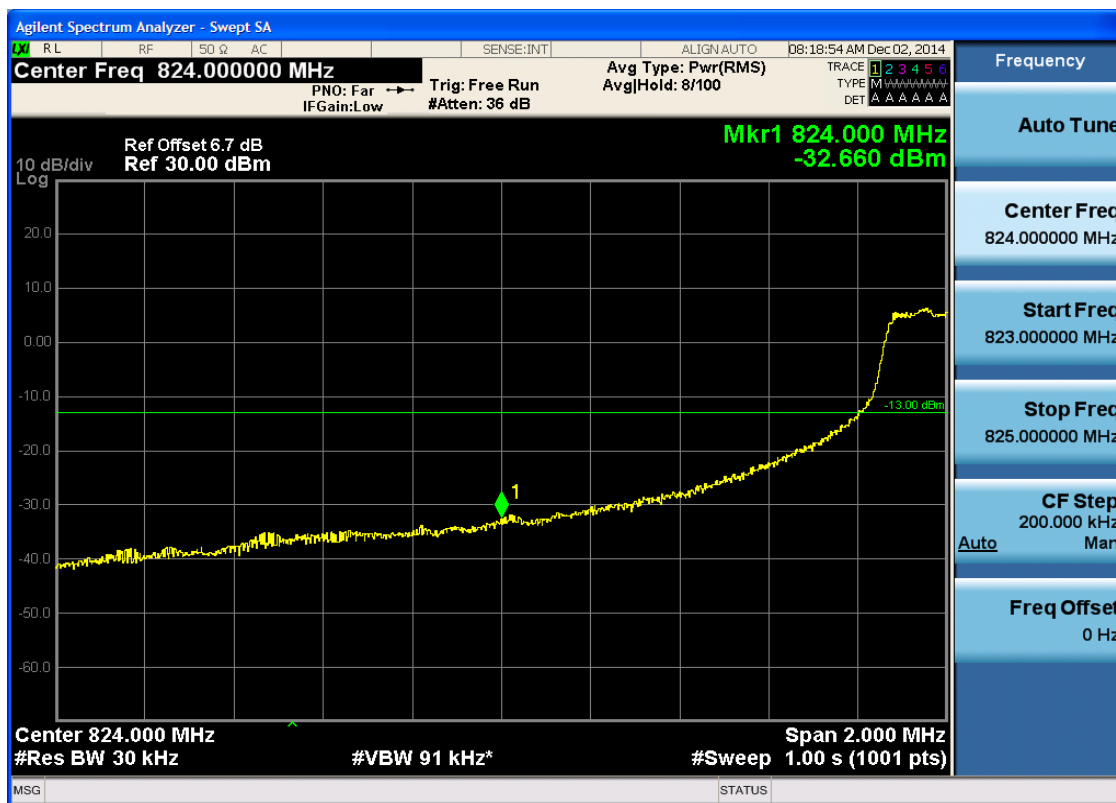


5.1.3.2.2.1.2 Test RB = RB1#14

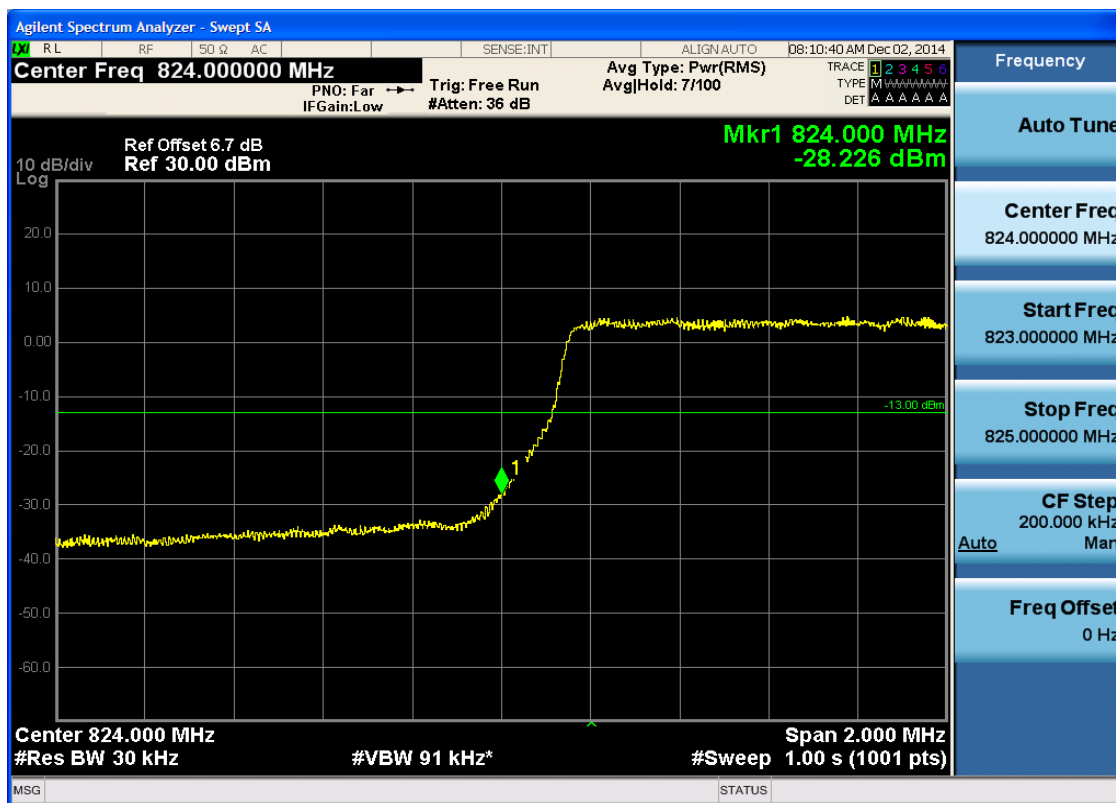




5.1.3.2.2.1.3 Test RB = RB8#4



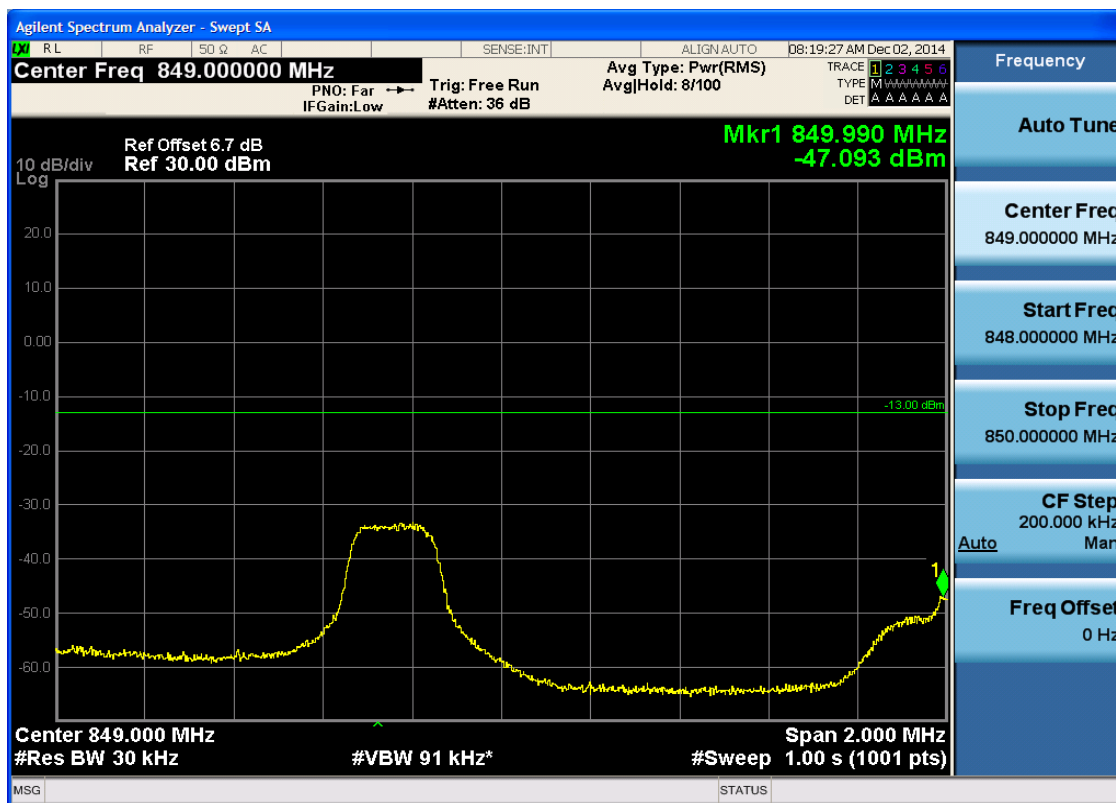
5.1.3.2.2.1.4 Test RB = RB15#0





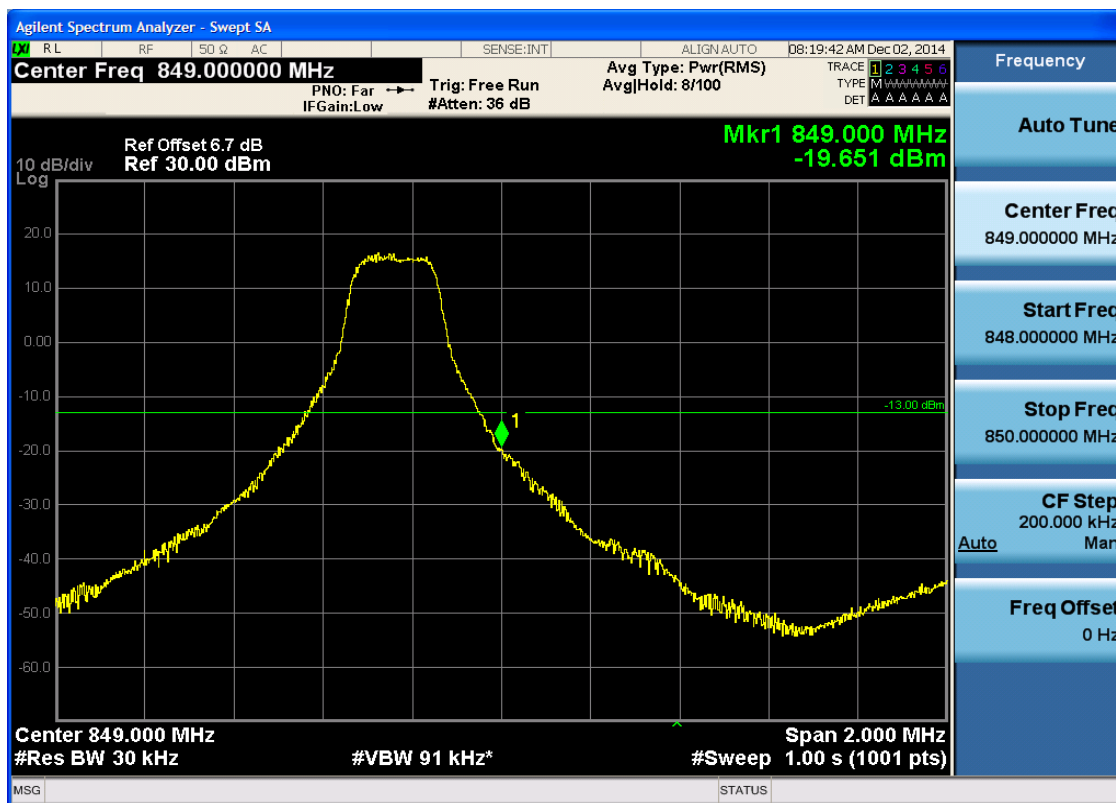
5.1.3.2.2.2 Test Channel = HCH

5.1.3.2.2.2.1 Test RB = RB1#0



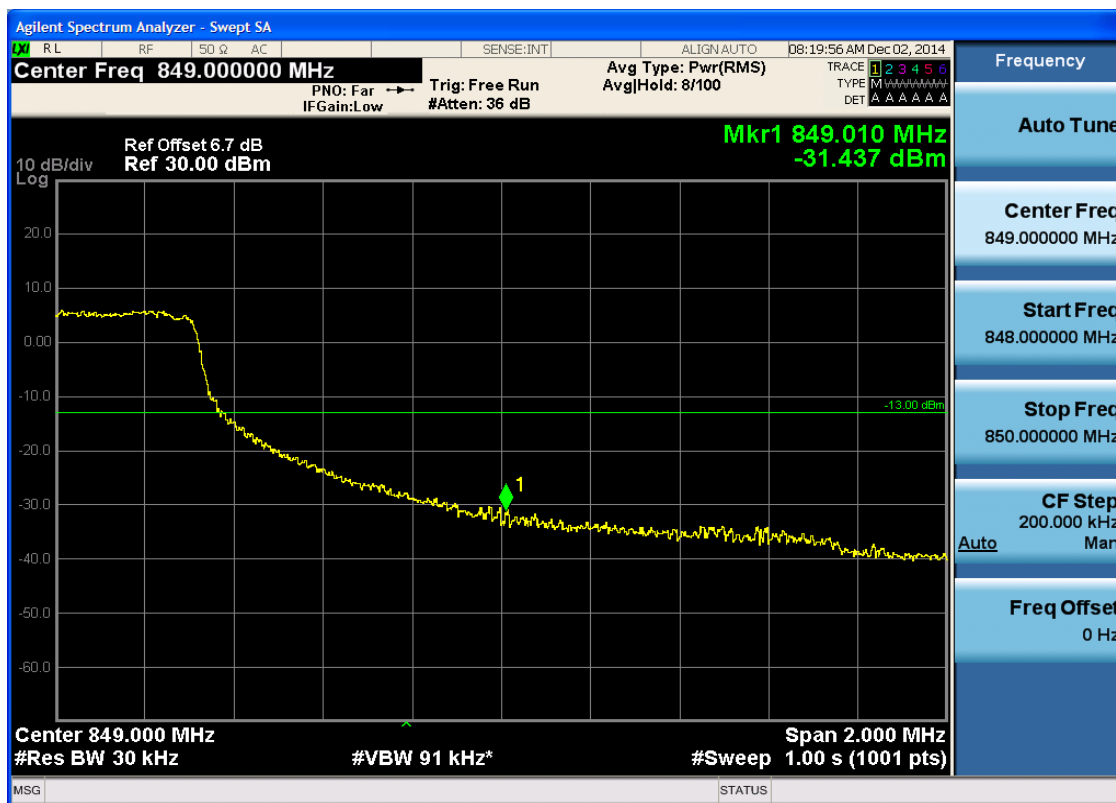


5.1.3.2.2.2 Test RB = RB1#14



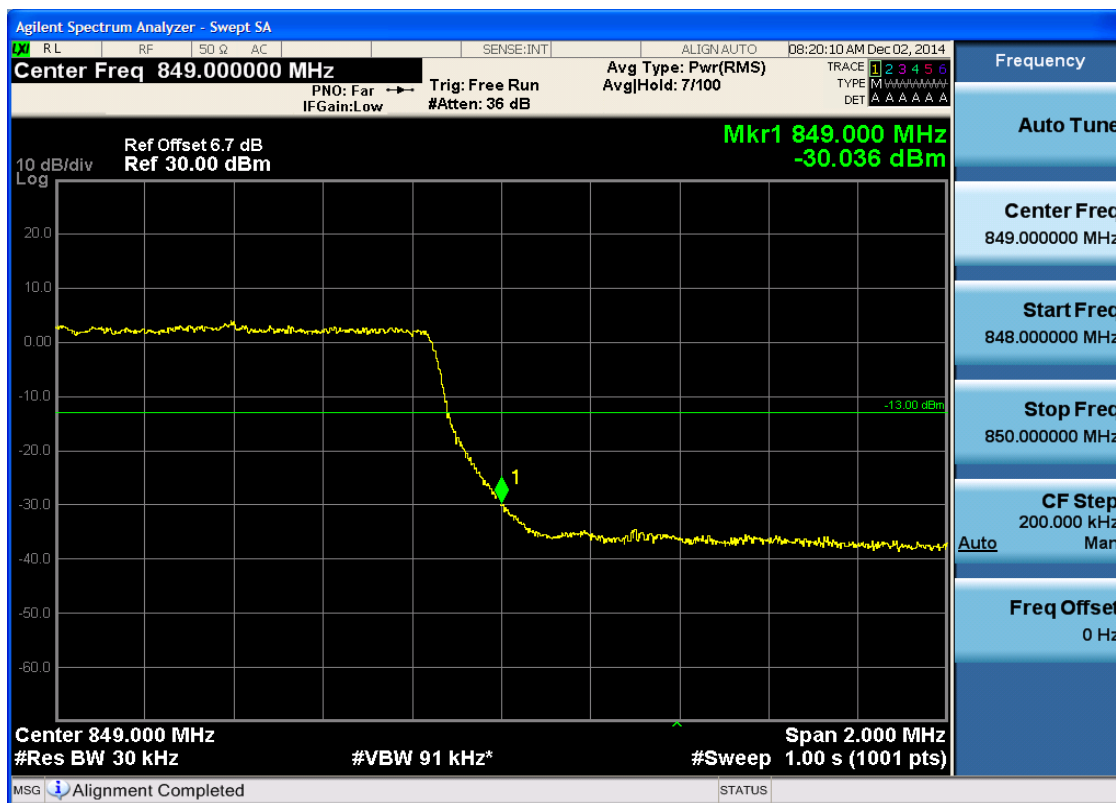


5.1.3.2.2.3 Test RB = RB8#4





5.1.3.2.2.4 Test RB = RB15#0

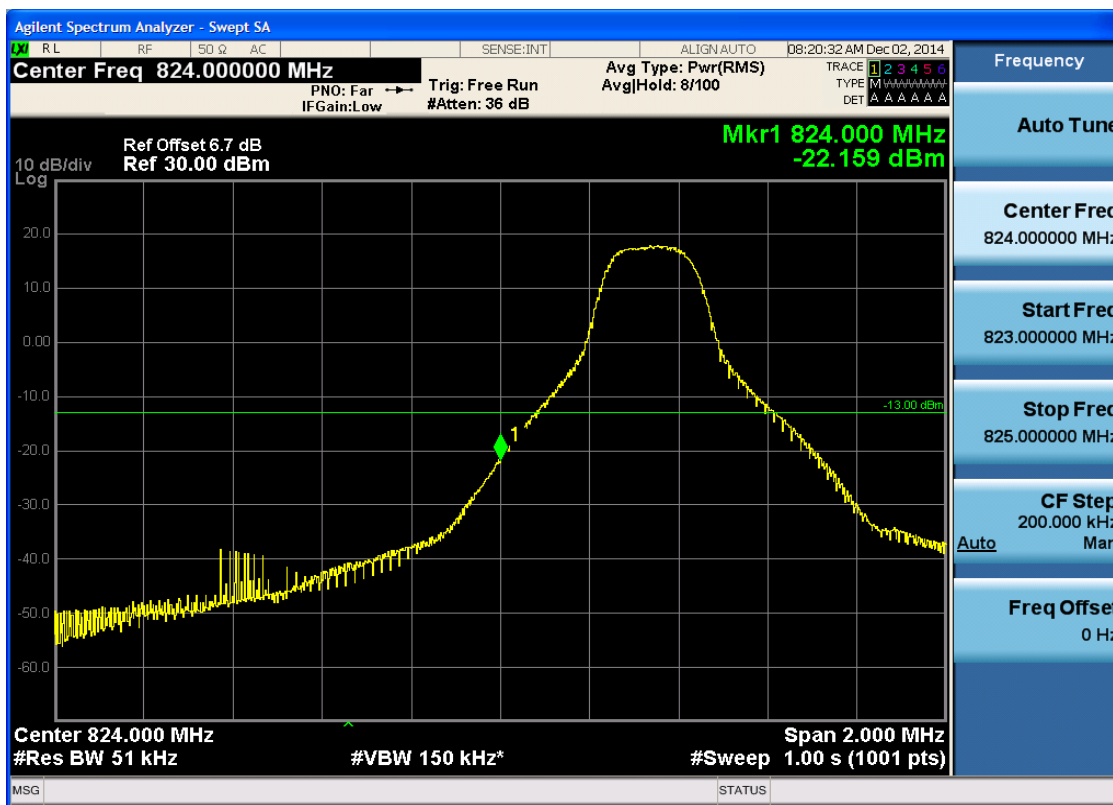


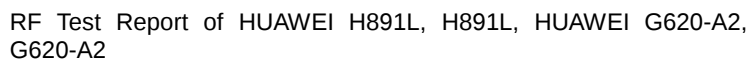


5.1.3.2.3 Test Bandwidth = 5

5.1.3.2.3.1 Test Channel = LCH

5.1.3.2.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 08:20:46 AM Dec 02, 2014

Center Freq 824.000000 MHz PNO: Far $\rightarrow$ Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
 IF Gain: Low #Atten: 36 dB Avg Hold: 8/100 TYPE M DET A A A A A A

Ref Offset 6.7 dB Mkr1 823.980 MHz
 Ref 30.00 dBm -58.071 dBm

10 dB/div
Log

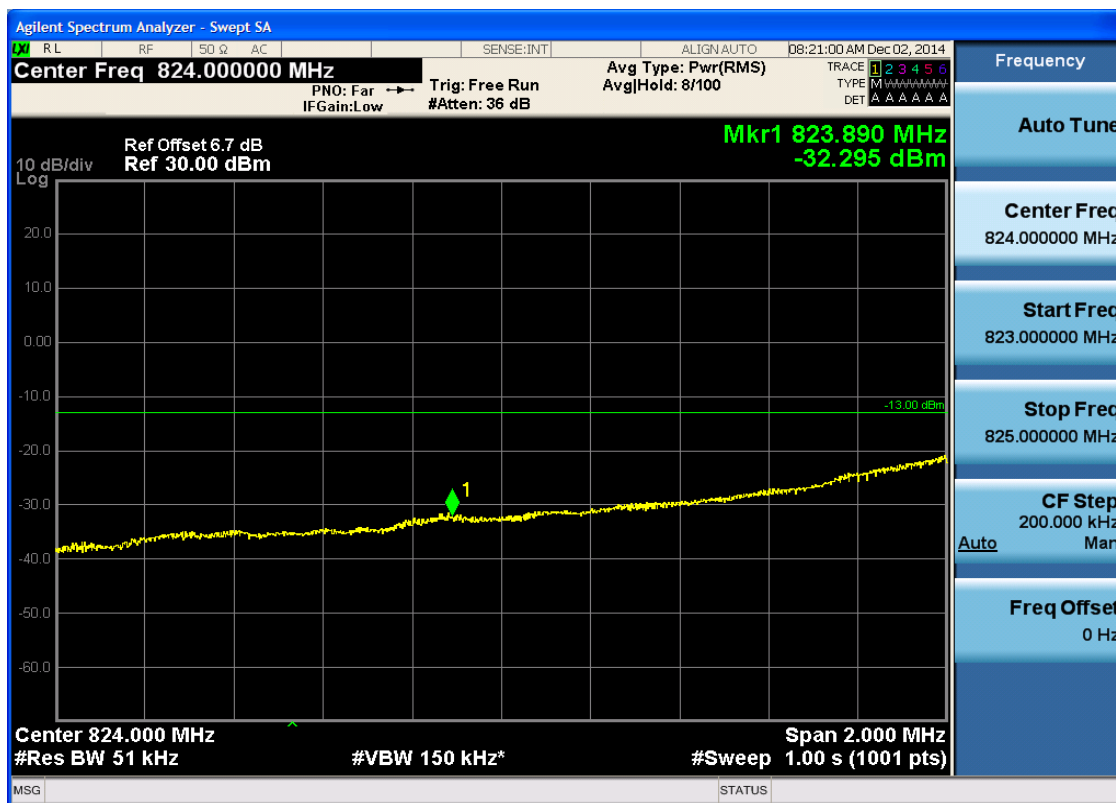
Center 824.000 MHz Span 2.000 MHz
 #Res BW 51 kHz #VBW 150 kHz* #Sweep 1.00 s (1001 pts)

Auto Tune
 Center Freq 824.000000 MHz
 Start Freq 823.000000 MHz
 Stop Freq 825.000000 MHz
 CF Step 200.000 kHz
 Auto Man
 Freq Offset 0 Hz

MSG STATUS

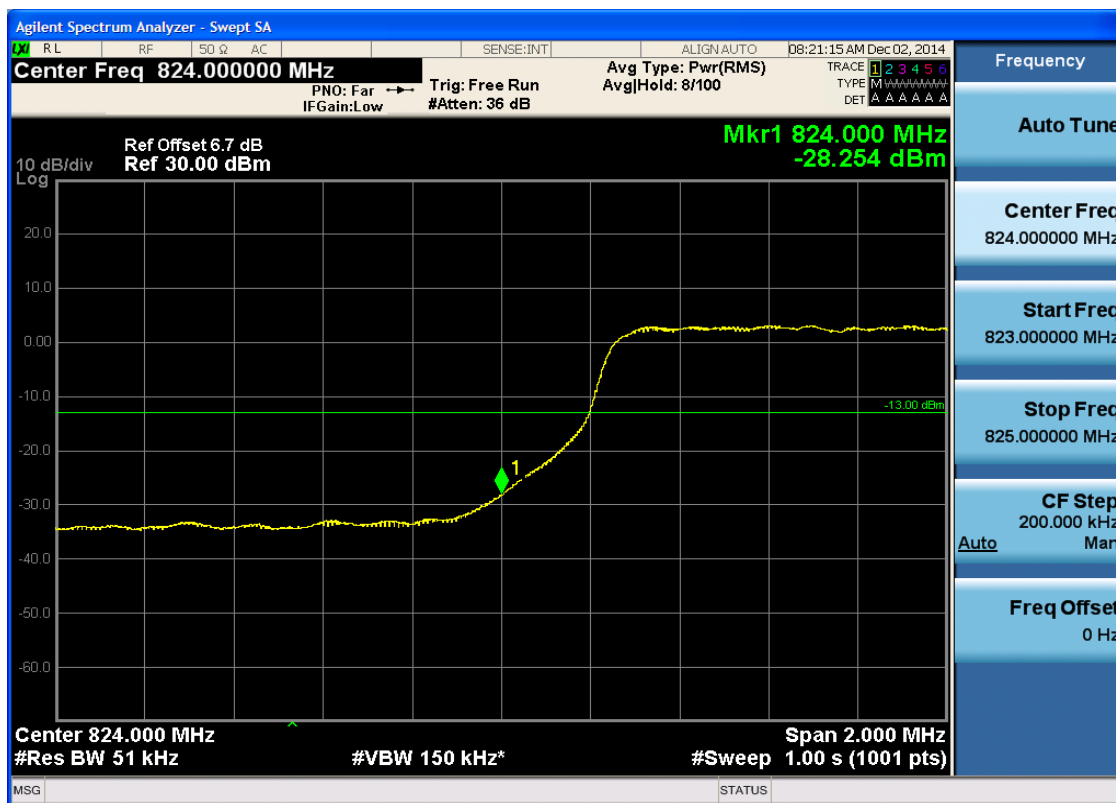


5.1.3.2.3.1.3 Test RB = RB12#6





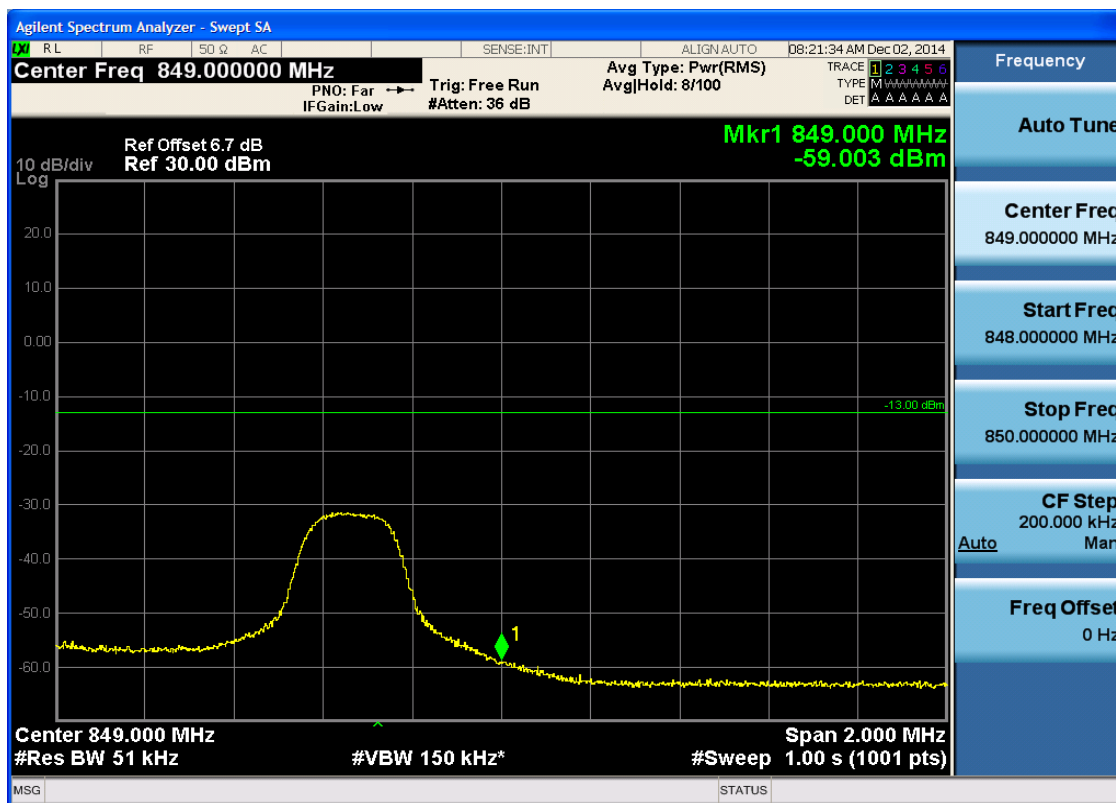
5.1.3.2.3.1.4 Test RB = RB25#0





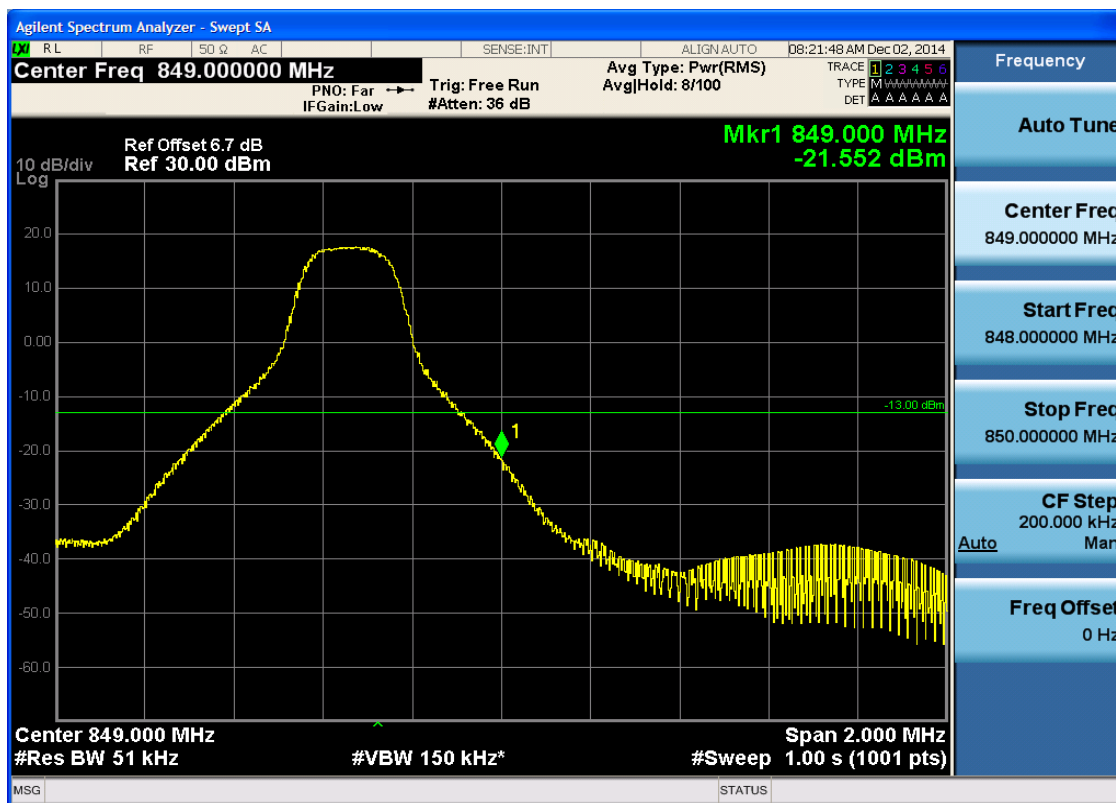
5.1.3.2.3.2 Test Channel = HCH

5.1.3.2.3.2.1 Test RB = RB1#0





5.1.3.2.3.2.2 Test RB = RB1#24





5.1.3.2.3.2.3 Test RB = RB12#6





5.1.3.2.3.2.4 Test RB = RB25#0

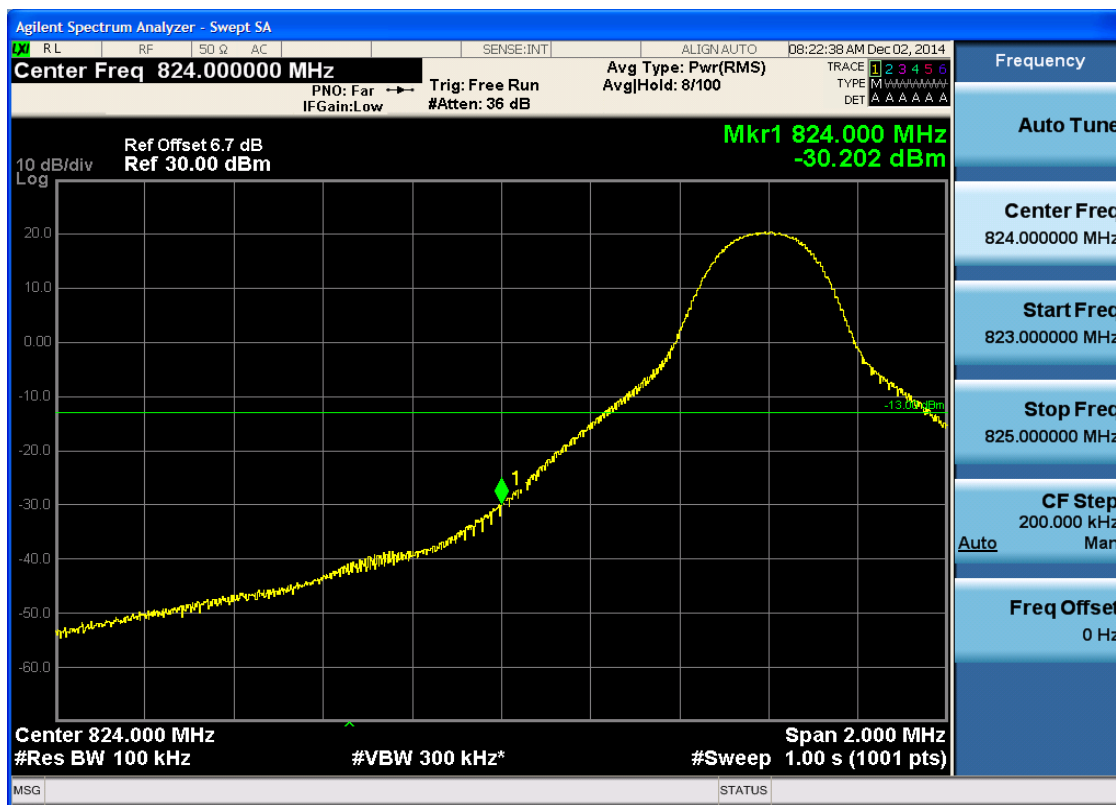




5.1.3.2.4 Test Bandwidth = 10

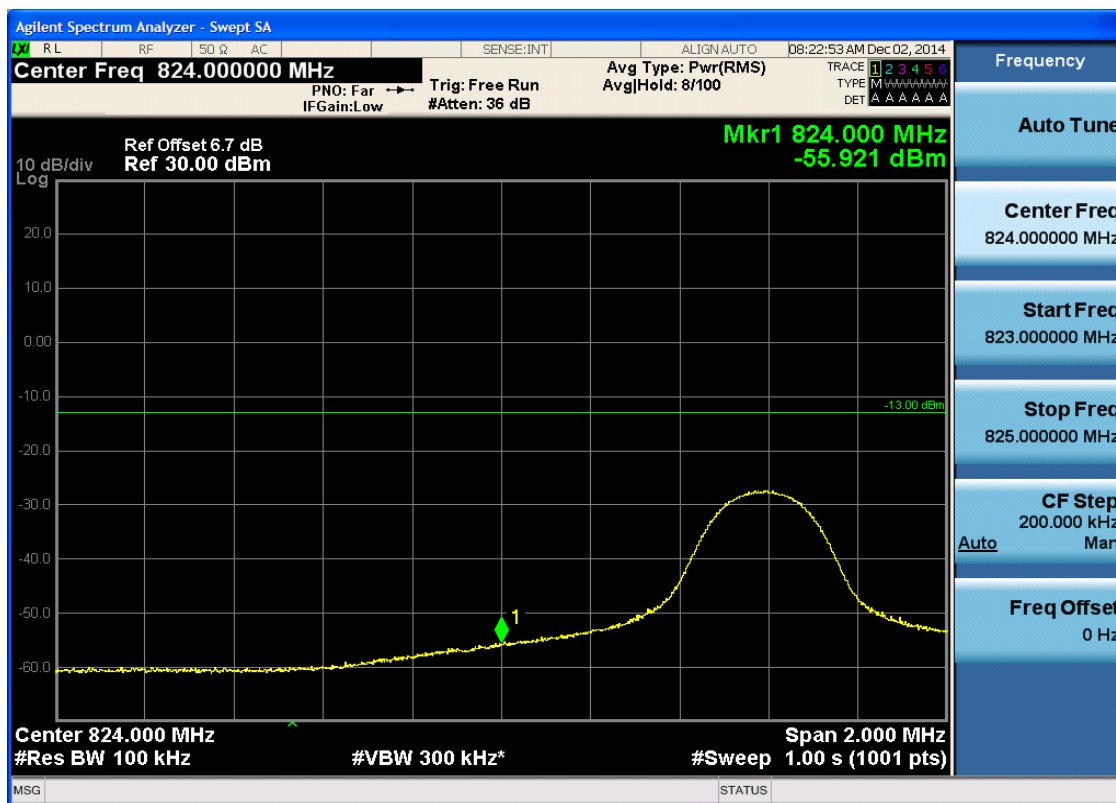
5.1.3.2.4.1 Test Channel = LCH

5.1.3.2.4.1.1 Test RB = RB1#0



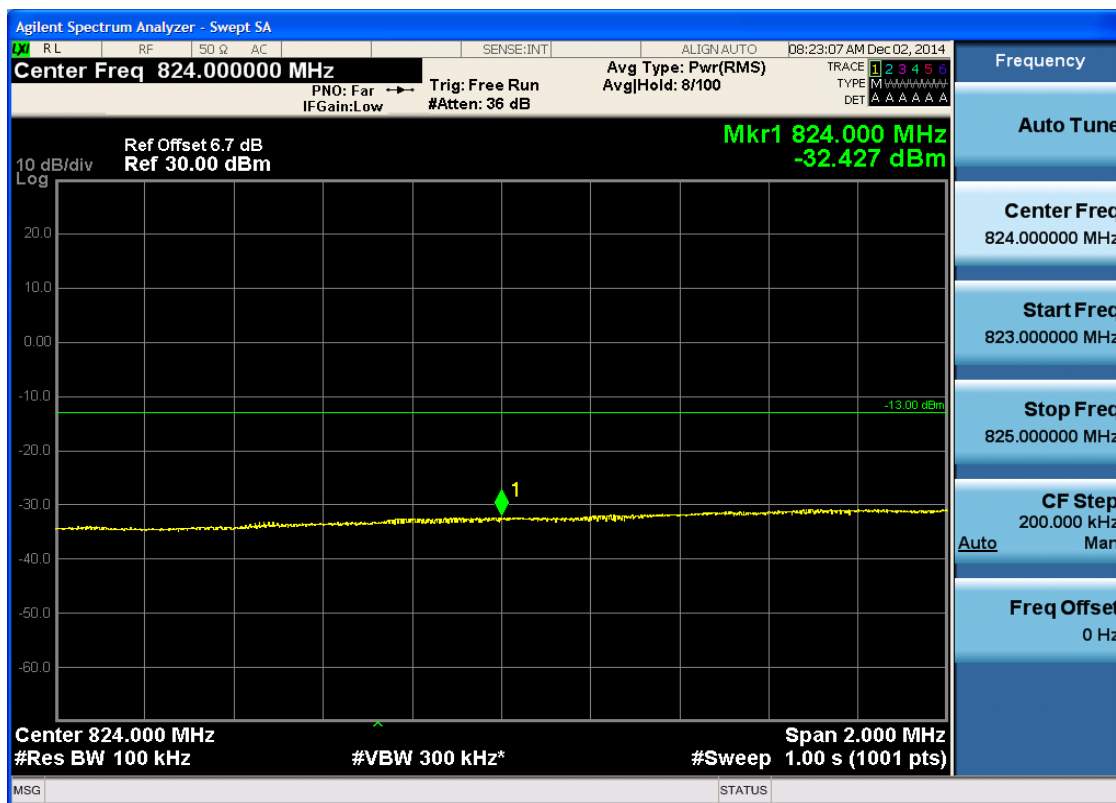


5.1.3.2.4.1.2 Test RB = RB1#49



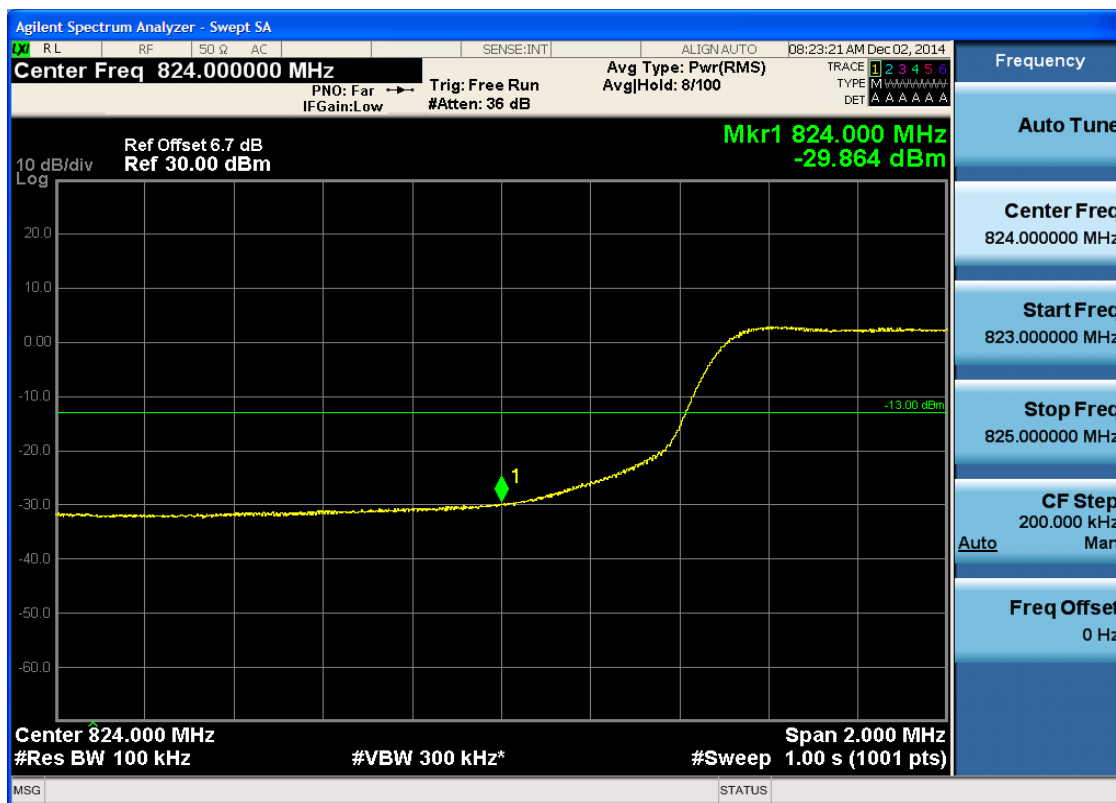


5.1.3.2.4.1.3 Test RB = RB25#13





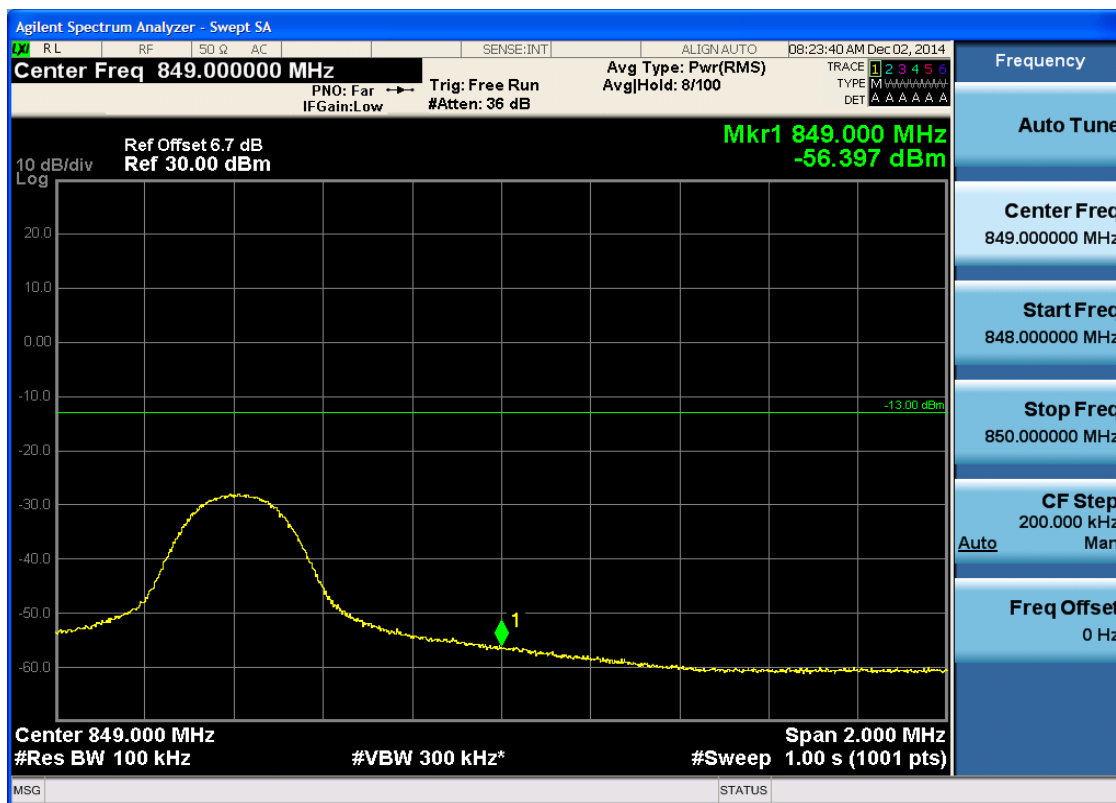
5.1.3.2.4.1.4 Test RB = RB50#0





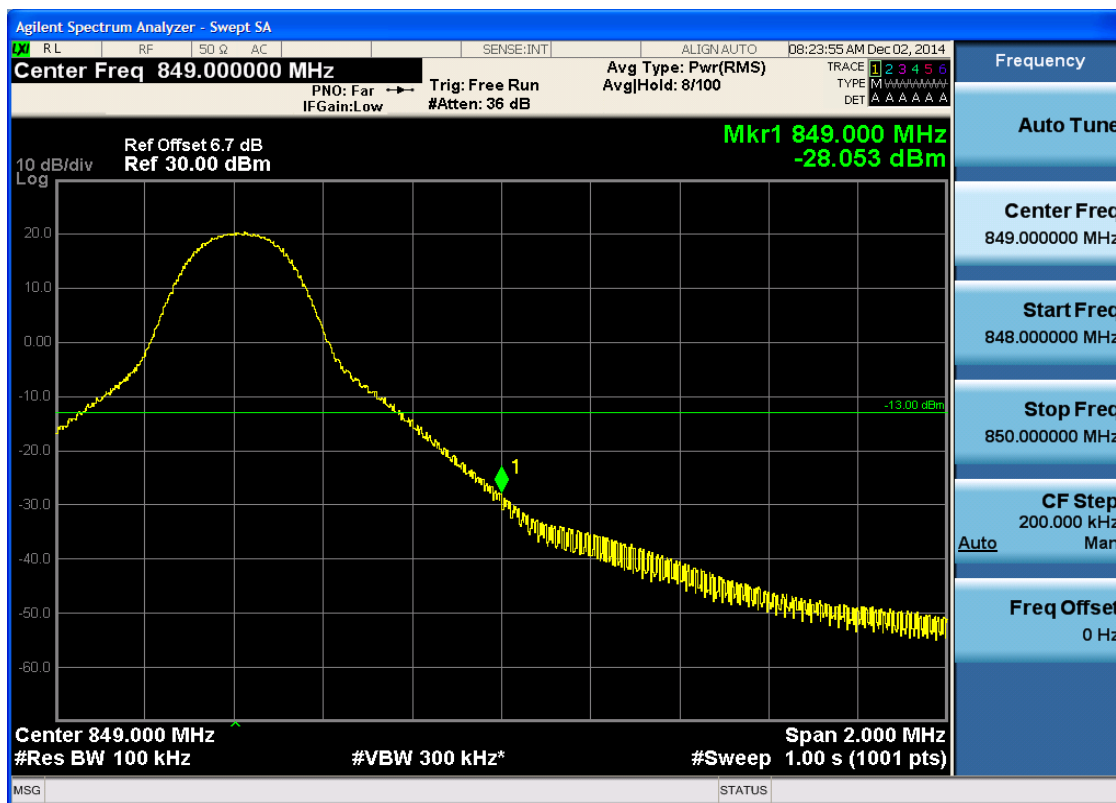
5.1.3.2.4.2 Test Channel = HCH

5.1.3.2.4.2.1 Test RB = RB1#0





5.1.3.2.4.2.2 Test RB = RB1#49



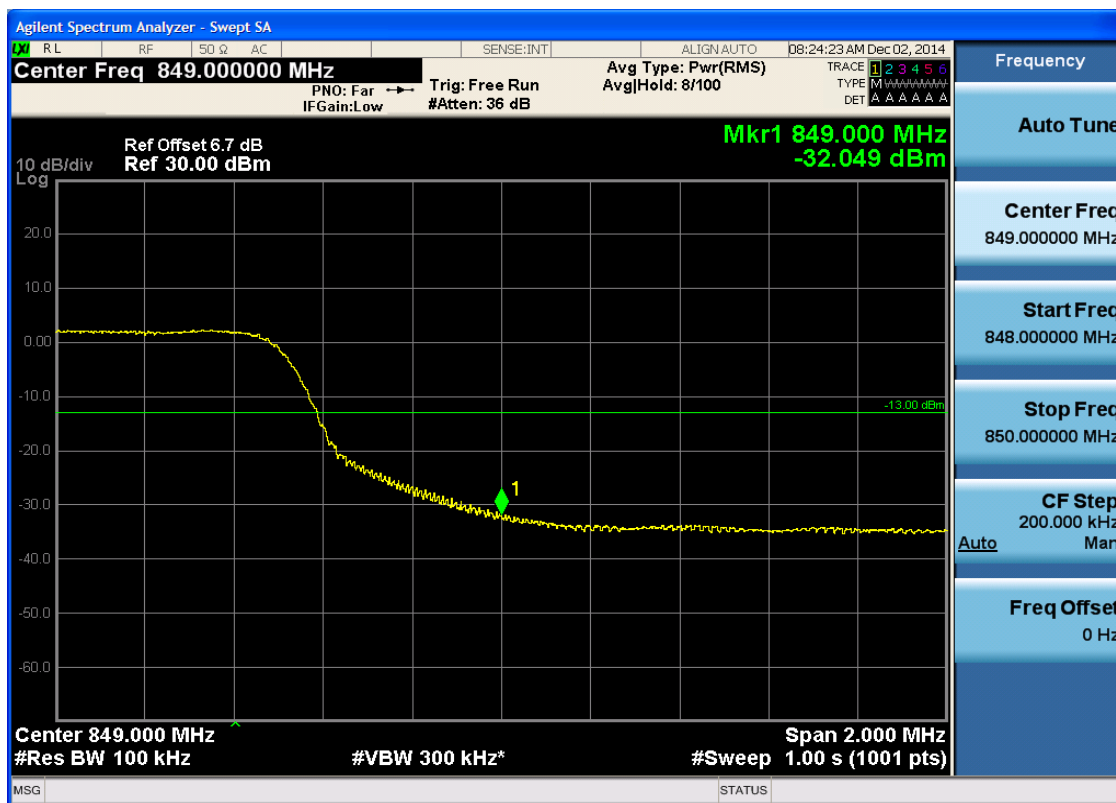


5.1.3.2.4.2.3 Test RB = RB25#13





5.1.3.2.4.2.4 Test RB = RB50#0





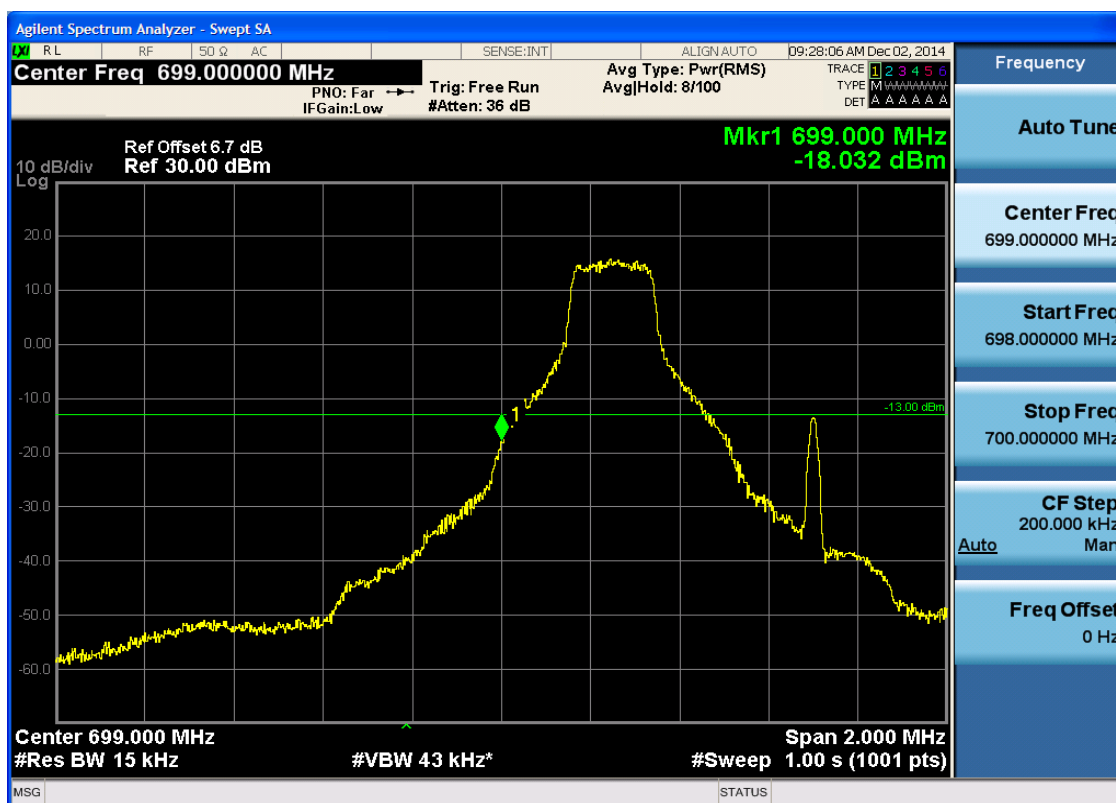
5.1.4 Test Band = BAND12

5.1.4.1 Test Mode = LTE/TM1

5.1.4.1.1 Test Bandwidth = 1.4

5.1.4.1.1.1 Test Channel = LCH

5.1.4.1.1.1.1 Test RB = RB1#0



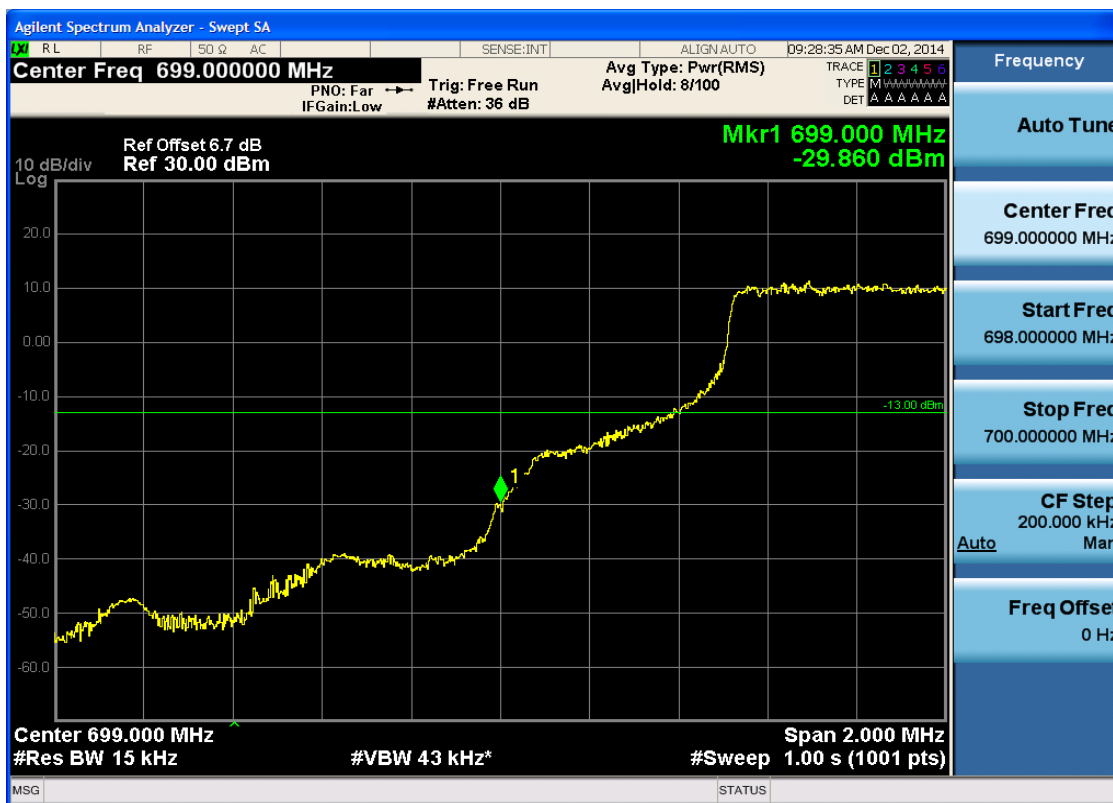


3.5.1.4.1.1.2 Test RB = RB1#5



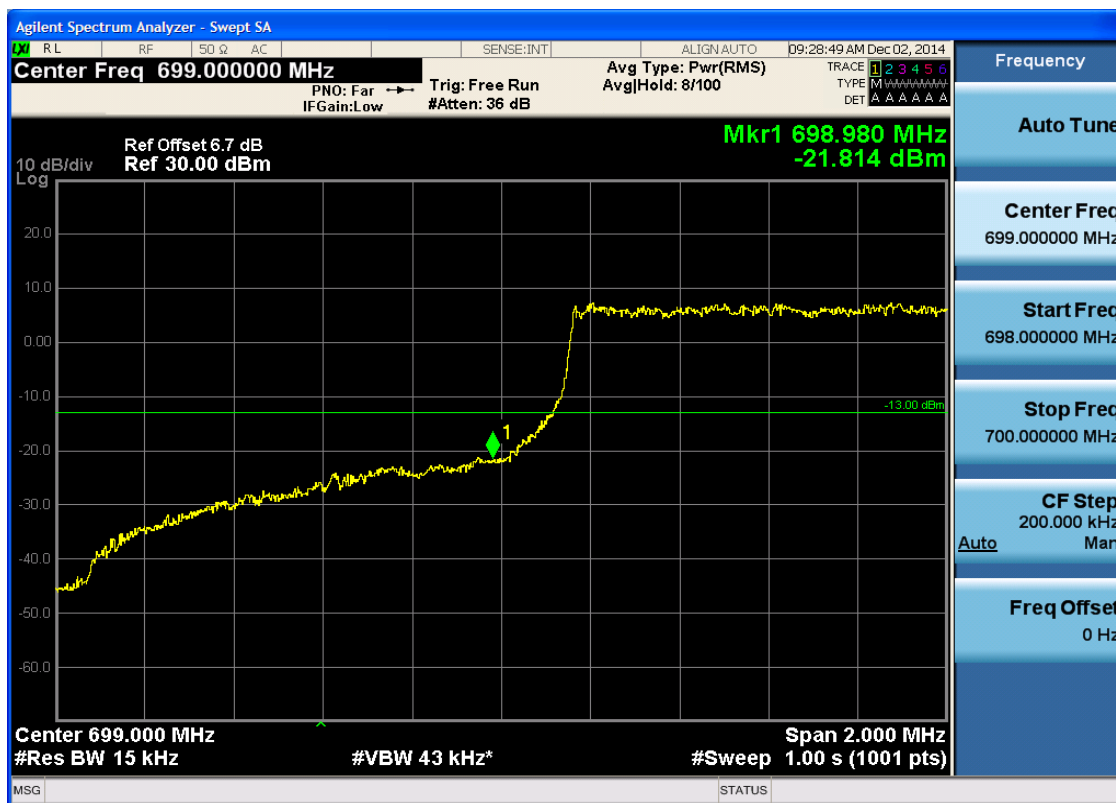


5.1.4.1 .1.1.3 Test RB = RB3#2





5.1.4.1 .1.1.4 Test RB = RB6#0

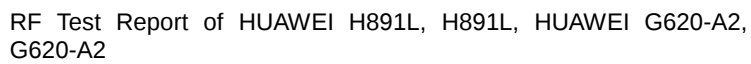




5.1.4.1.1.2 Test Channel = HCH

5.1.4.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT 09:29:22 AM Dec 02, 2014

Center Freq 716.000000 MHz Avg Type: Pwr(RMS) Avg/Hold: 8/100

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

TRACE 1 2 3 4 5 6 TYPE MAAAAAA DET AAAAAA

Ref Offset 6.7 dB Mkr1 716.000 MHz
Ref 30.00 dBm -18.895 dBm

10 dB/div
Log

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

714.000 715.000 716.000 717.000 718.000 MHz

Center Freq 716.000 MHz
#Res BW 15 kHz #VBW 43 kHz* Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq 716.000000 MHz

Start Freq 715.000000 MHz

Stop Freq 717.000000 MHz

CF Step 200.000 kHz
Auto Man

Freq Offset 0 Hz

MSG STATUS



5.1.4.1.1.2.3 Test RB = RB3#2





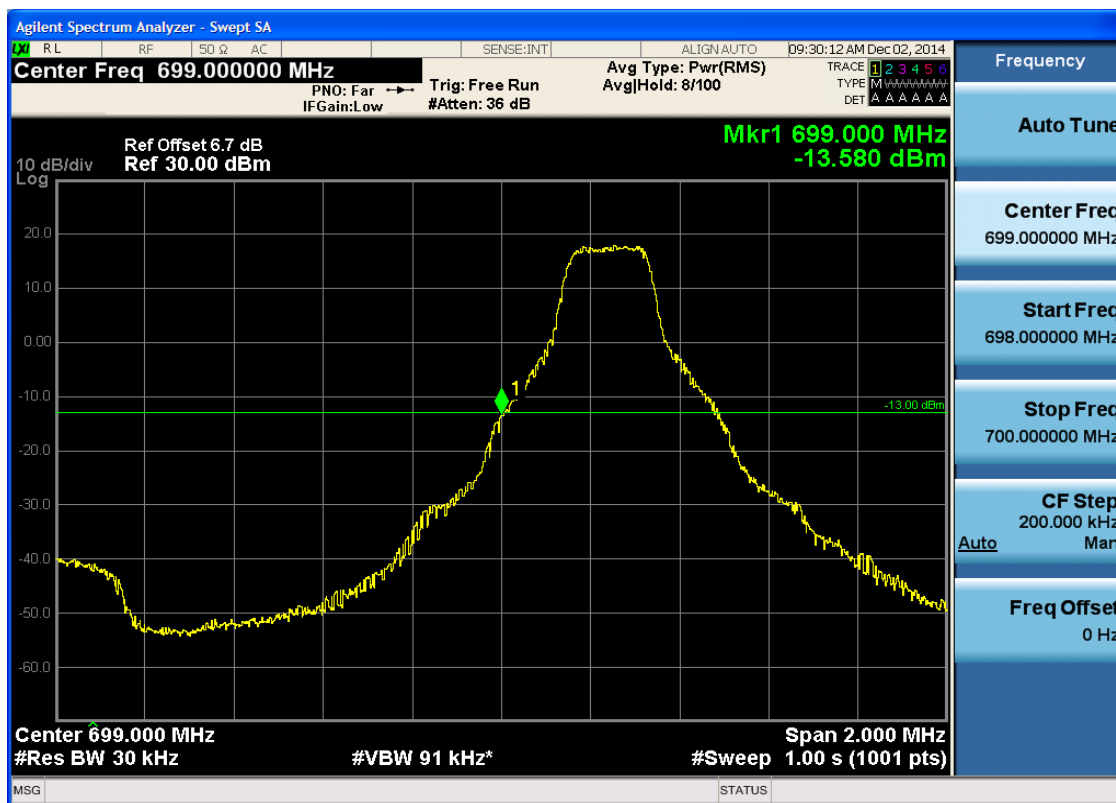
5.1.4.1.1.2.4 Test RB = RB6#0



5.1.4.1.2 Test Bandwidth = 3

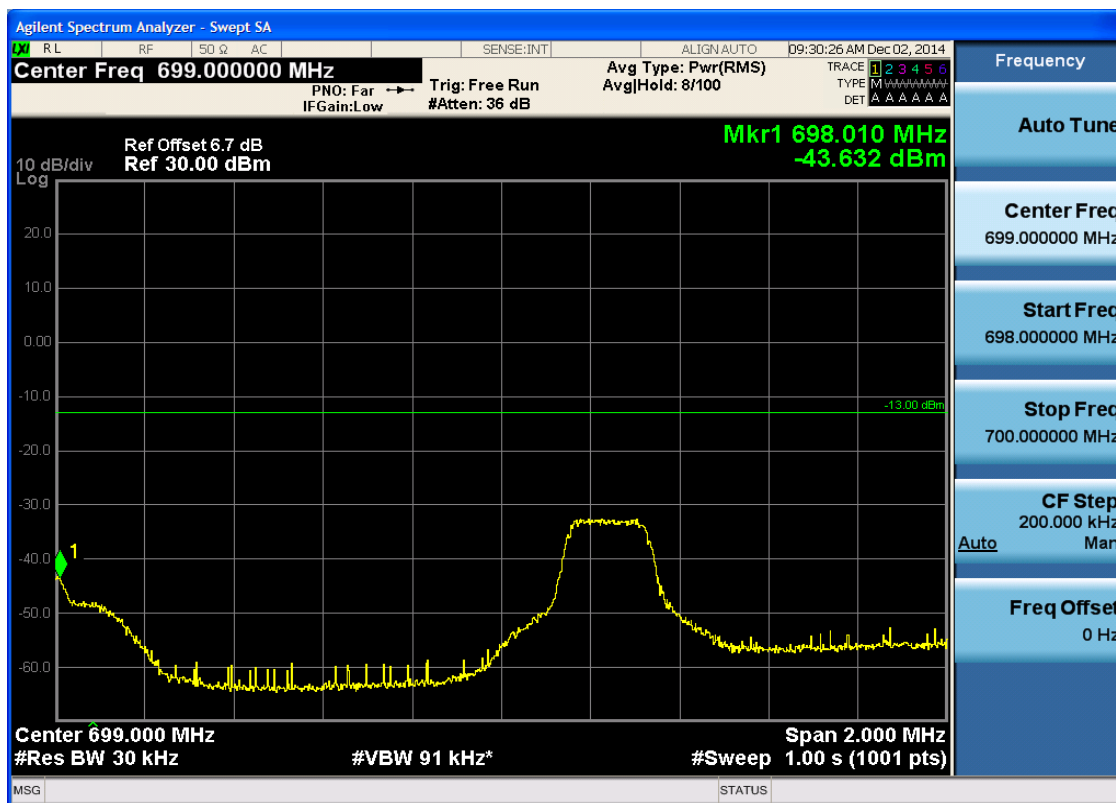
5.1.4.1.2.1 Test Channel = LCH

5.1.4.1.2.1.1 Test RB = RB1#0



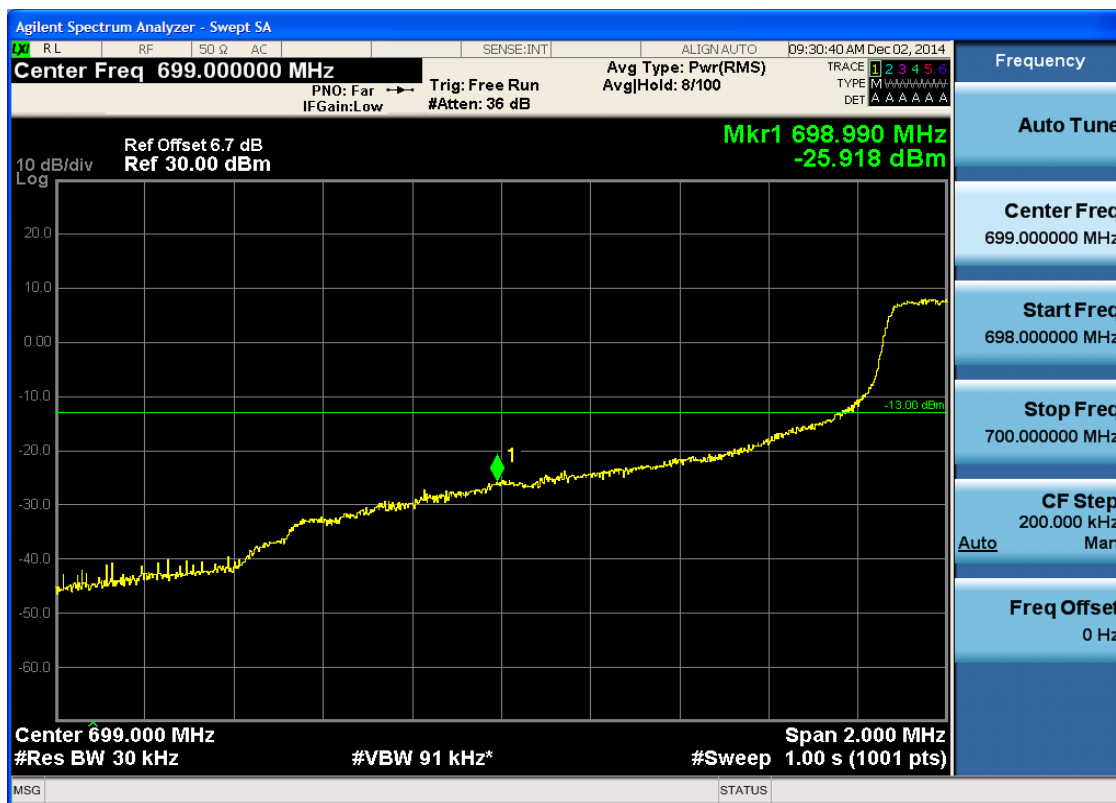


5.1.4.1.2.1.2 Test RB = RB1#14



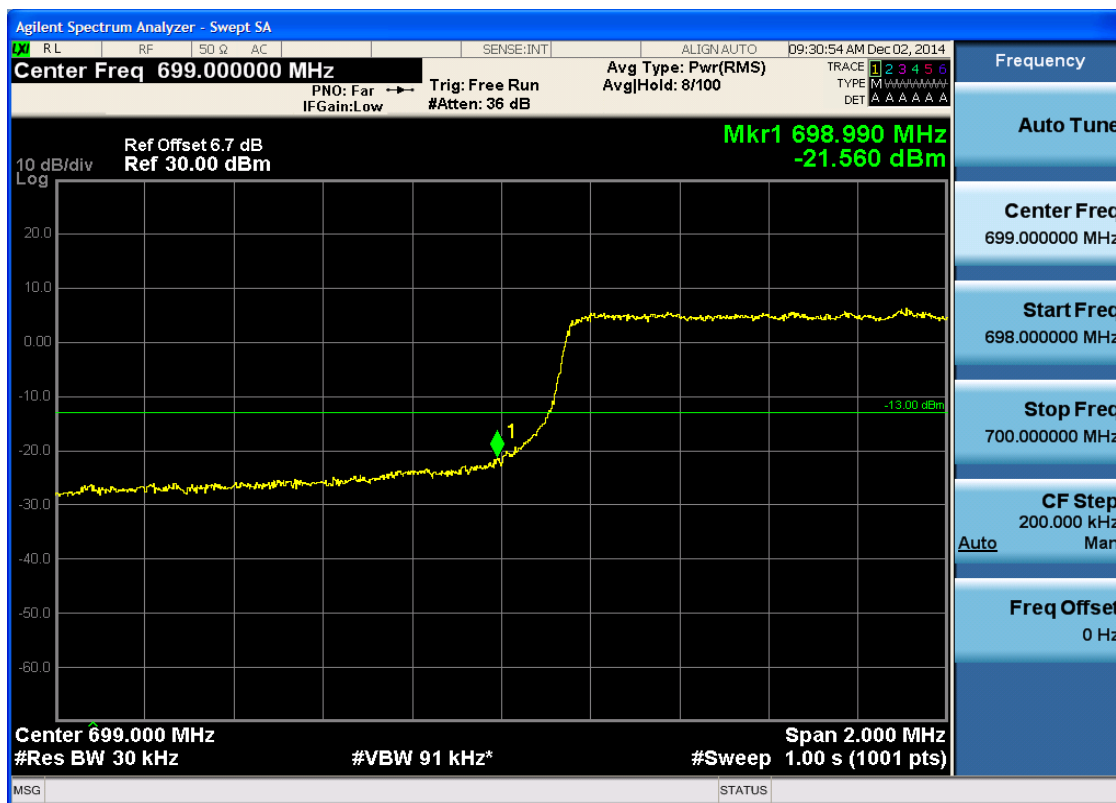


5.1.4.1.2.1.3 Test RB = RB8#4





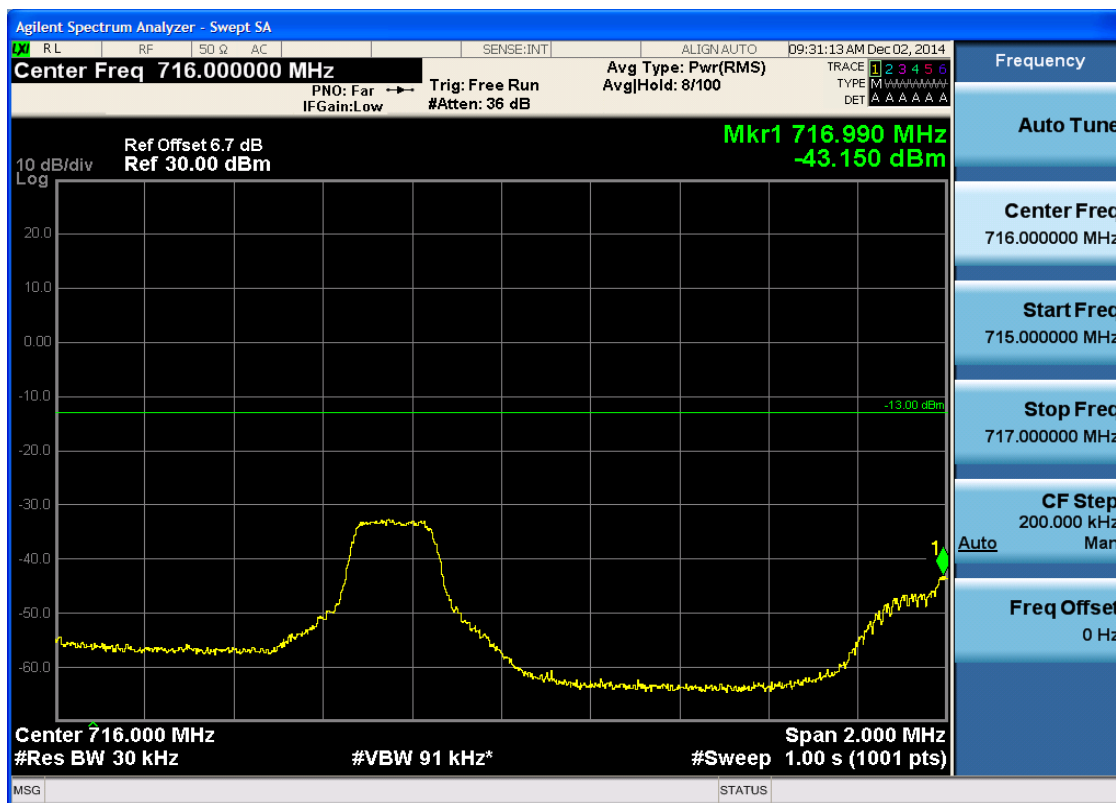
5.1.4.1.2.1.4 Test RB = RB15#0





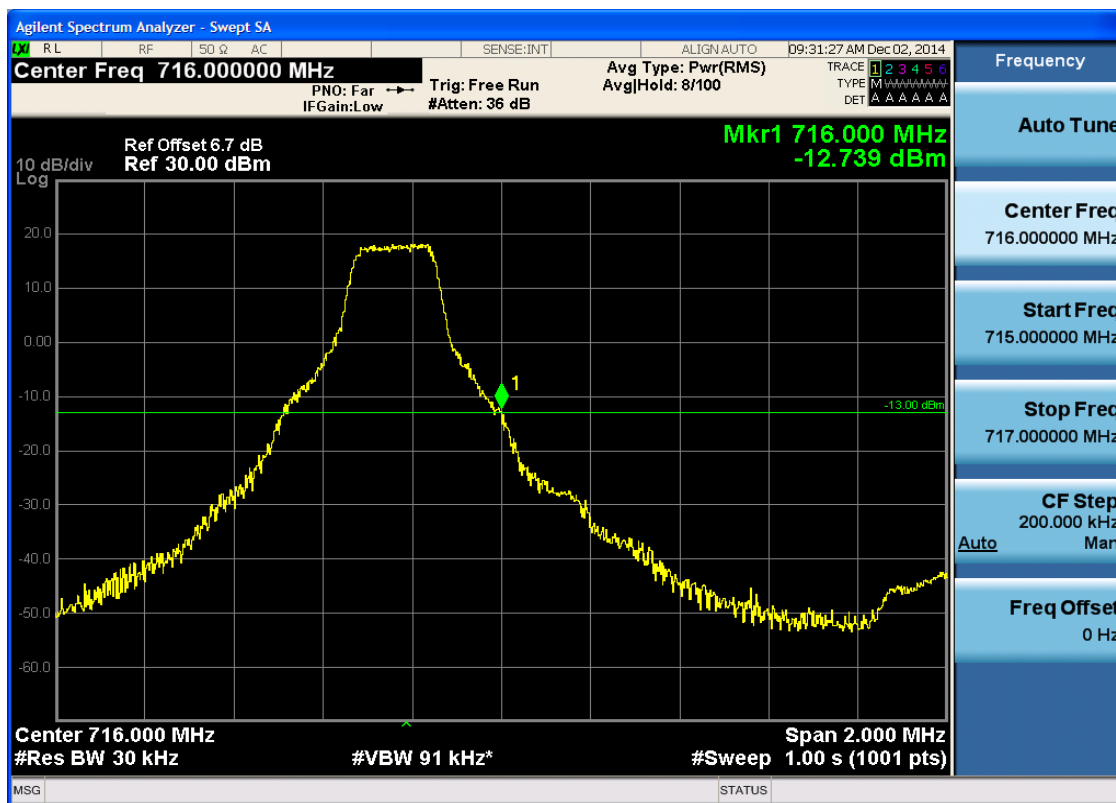
5.1.4.1.2.2 Test Channel = HCH

5.1.4.1.2.2.1 Test RB = RB1#0





5.1.4.1.2.2.2 Test RB = RB1#14





5.1.4.1.2.3 Test RB = RB8#4

