

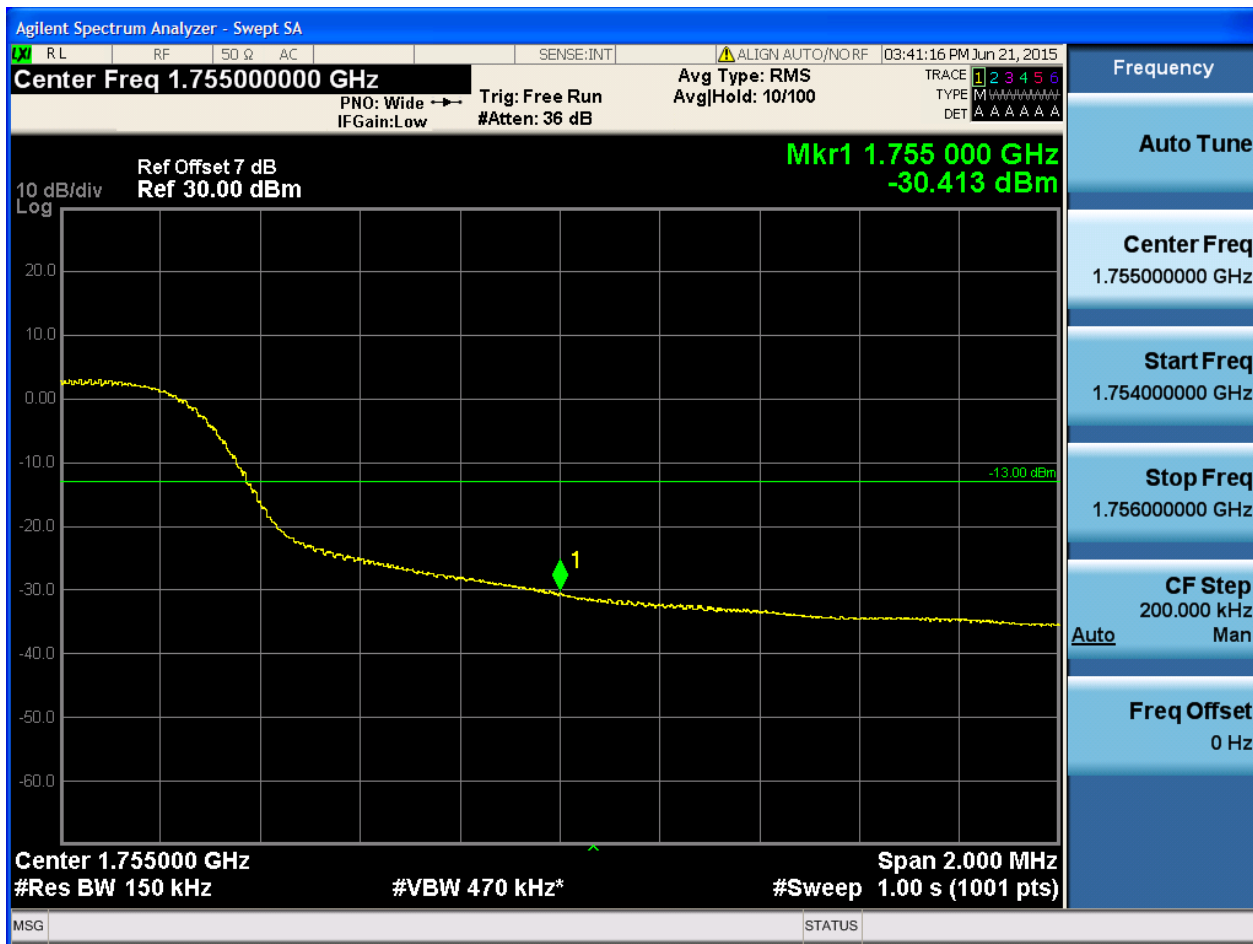


5.1.2.1.5.2.3 Test RB = RB38#19





5.1.2.1.5.2.4 Test RB = RB75#0







5.1.2.1.6.1.2 Test RB = RB1#99



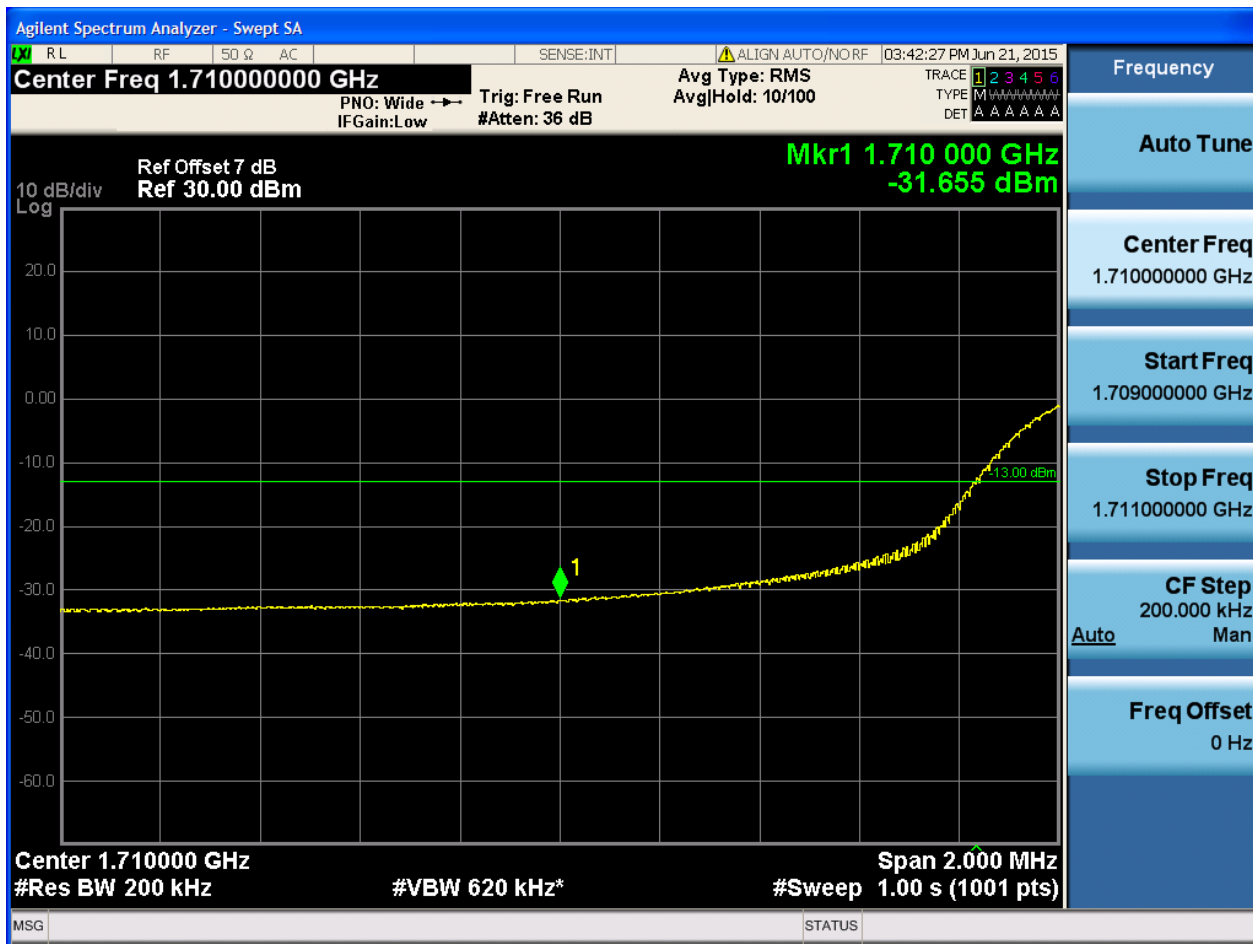


5.1.2.1.6.1.3 Test RB = RB50#25





5.1.2.1.6.1.4 Test RB = RB100#0





5.1.2.1.6.2 Test Channel = HCH

5.1.2.1.6.2.1 Test RB = RB1#0





5.1.2.1.6.2.2 Test RB = RB1#99





5.1.2.1.6.2.3 Test RB = RB50#25





5.1.2.1.6.2.4 Test RB = RB100#0



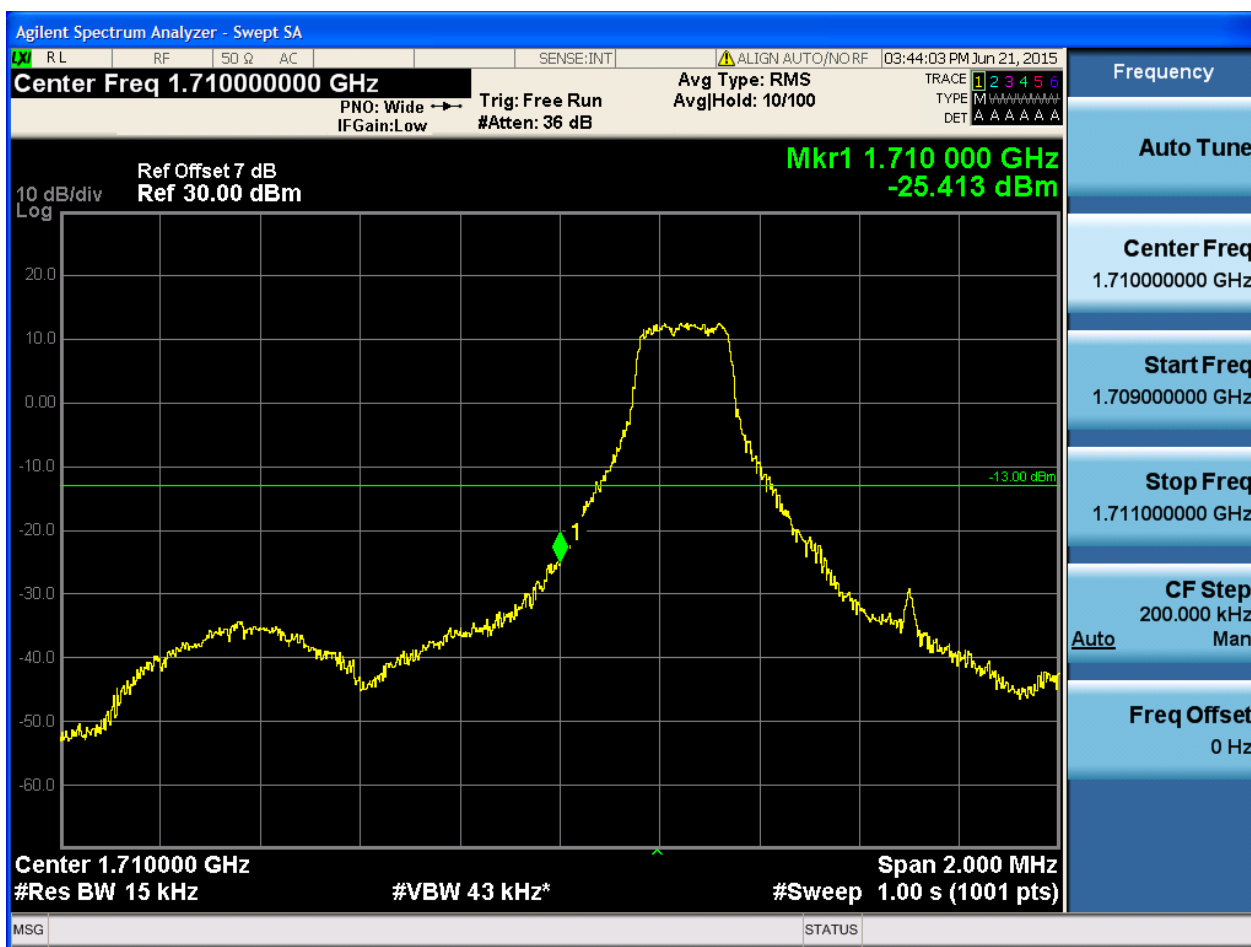


5.1.2.2 Test Mode = LTE/TM2

5.1.2.2.1 Test Bandwidth = 1.4

5.1.2.2.1.1 Test Channel = LCH

5.1.2.2.1.1.1 Test RB = RB1#0



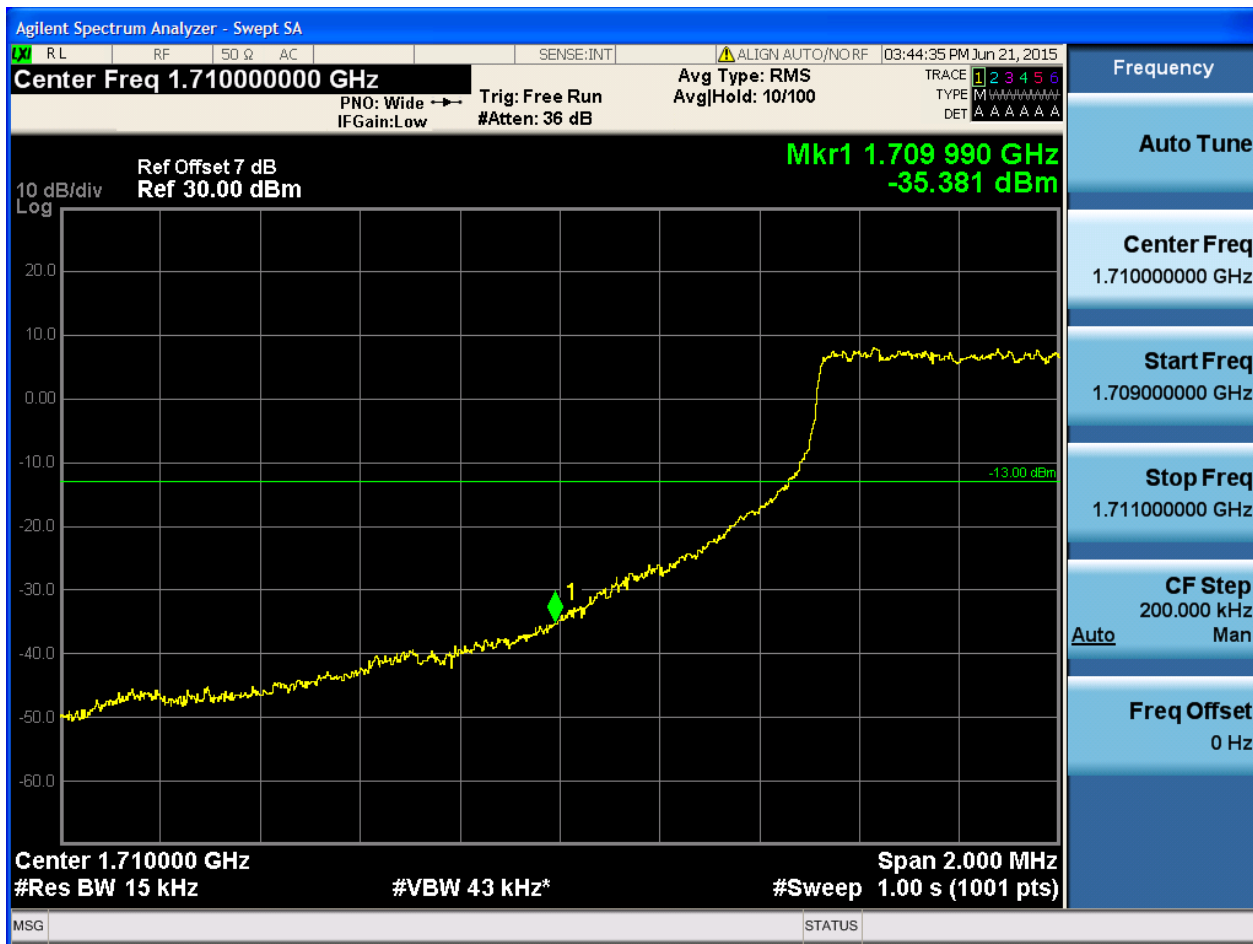


5.1.2.2.1.1.2 Test RB = RB1#5





5.1.2.2.1.1.3 Test RB = RB3#2





5.1.2.2.1.1.4 Test RB = RB6#0





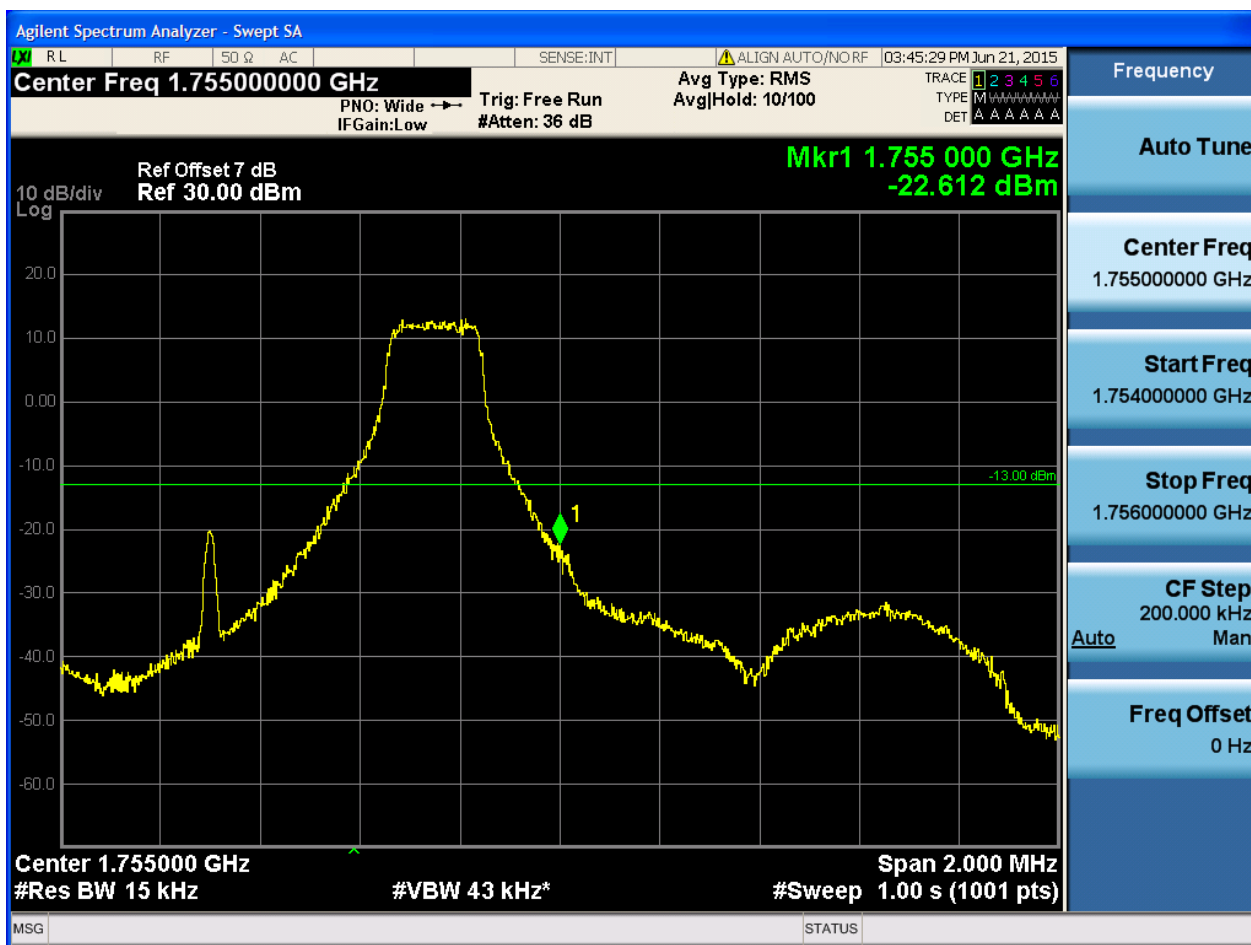
5.1.2.2.1.2 Test Channel = HCH

5.1.2.2.1.2.1 Test RB = RB1#0





5.1.2.2.1.2.2 Test RB = RB1#5





5.1.2.2.1.2.3 Test RB = RB3#2



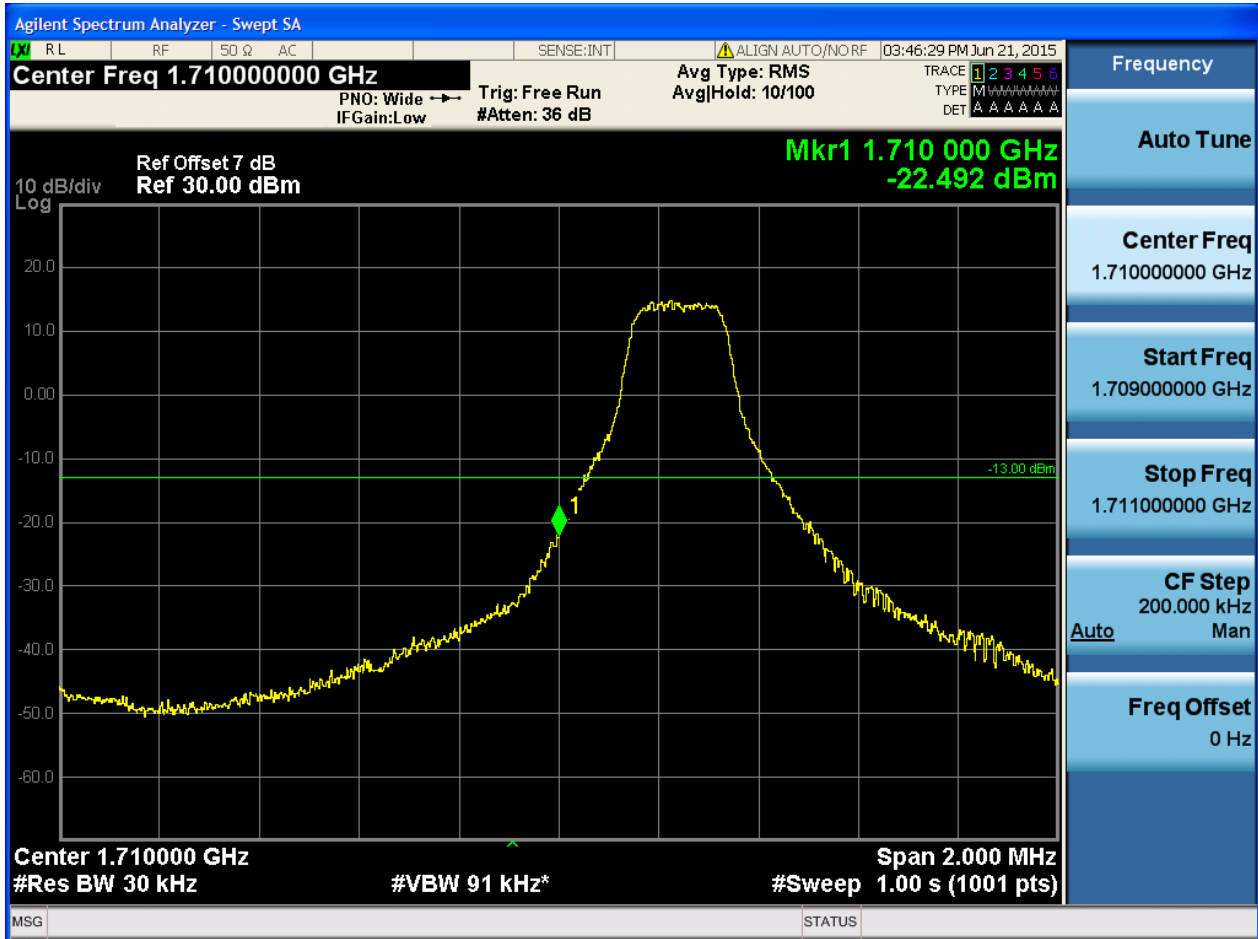


5.1.2.2.1.2.4 Test RB = RB6#0



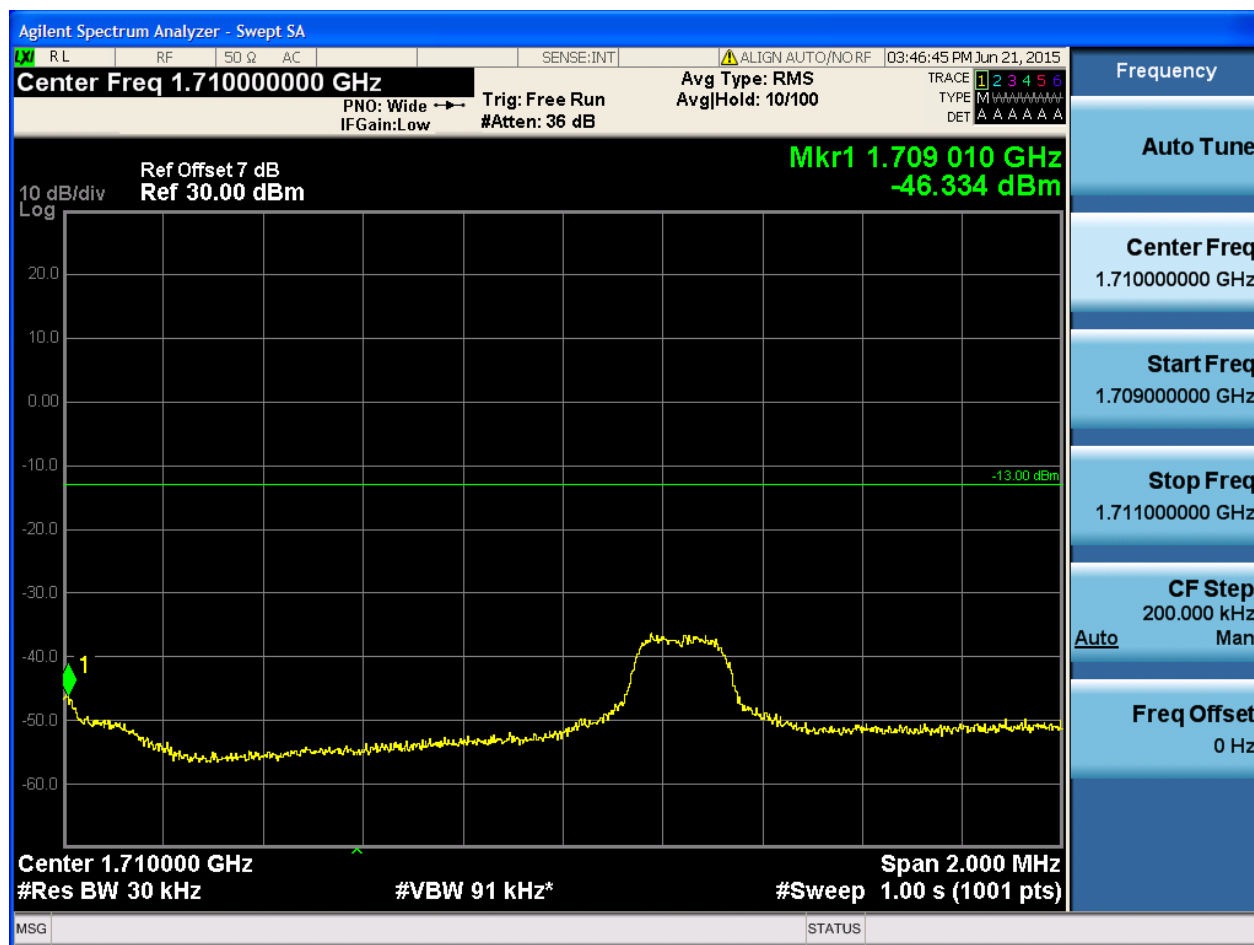


5.1.2.2.2.1.1 Test RB = RB1#0



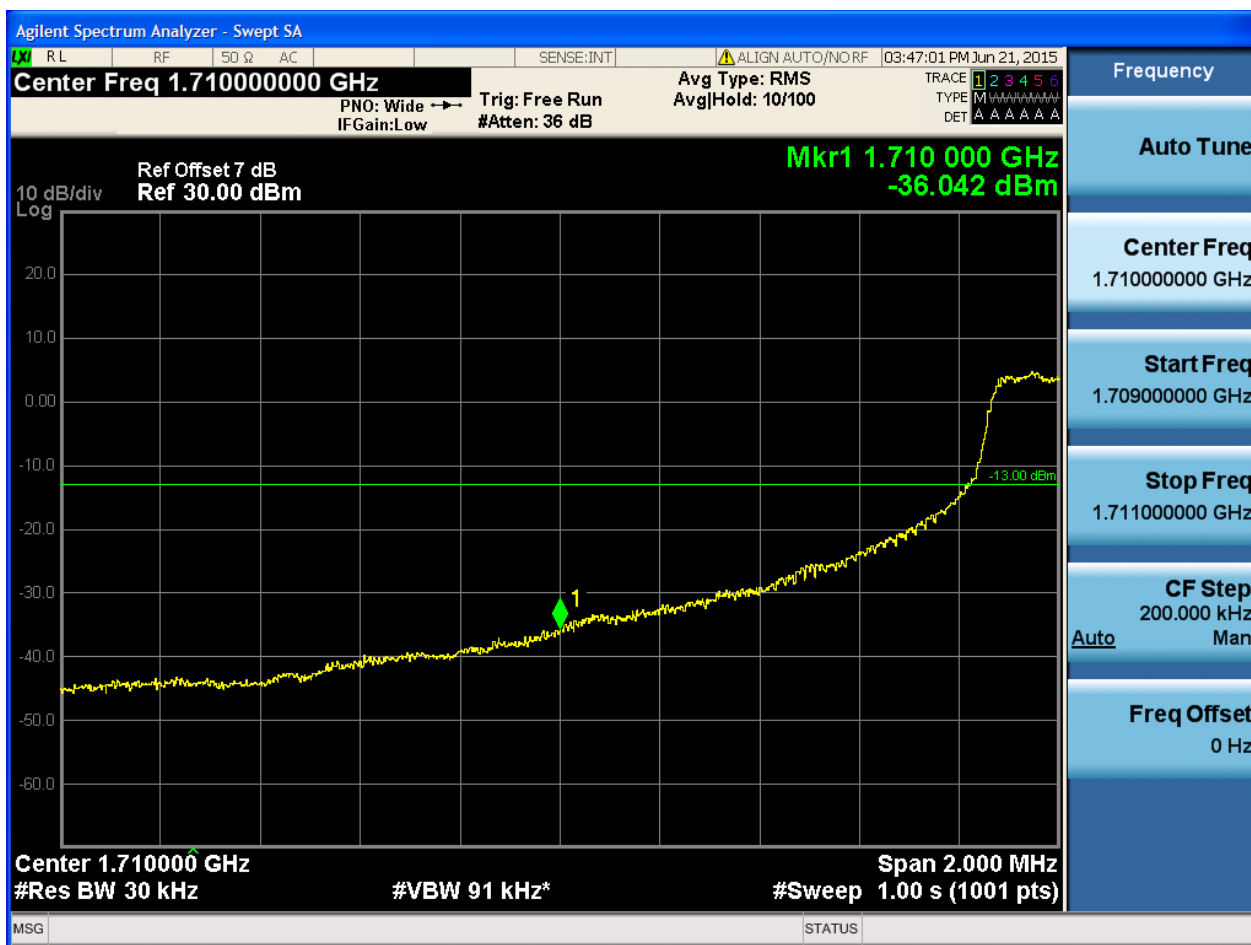


5.1.2.2.1.2 Test RB = RB1#14



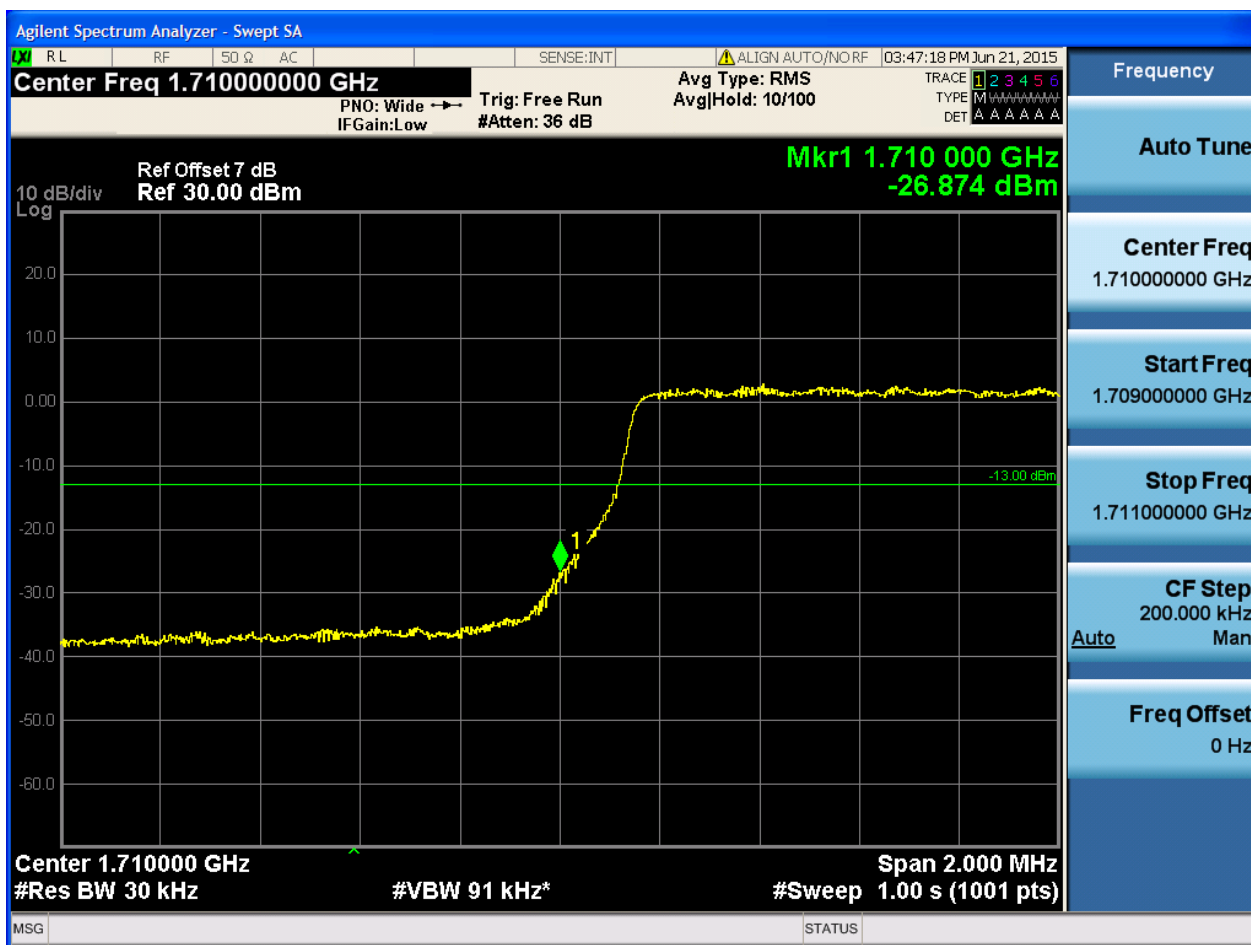


5.1.2.2.1.3 Test RB = RB8#4





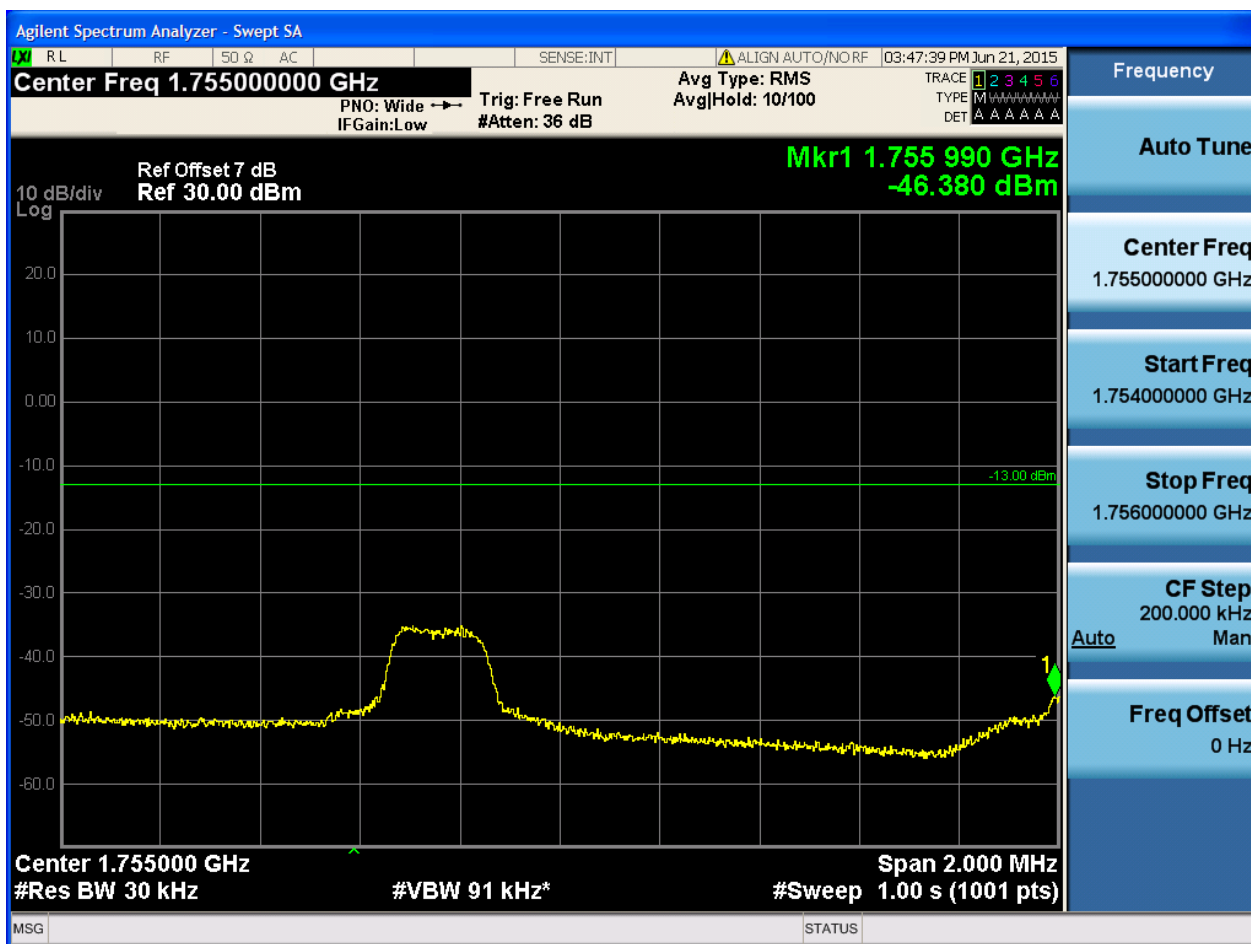
5.1.2.2.1.4 Test RB = RB15#0





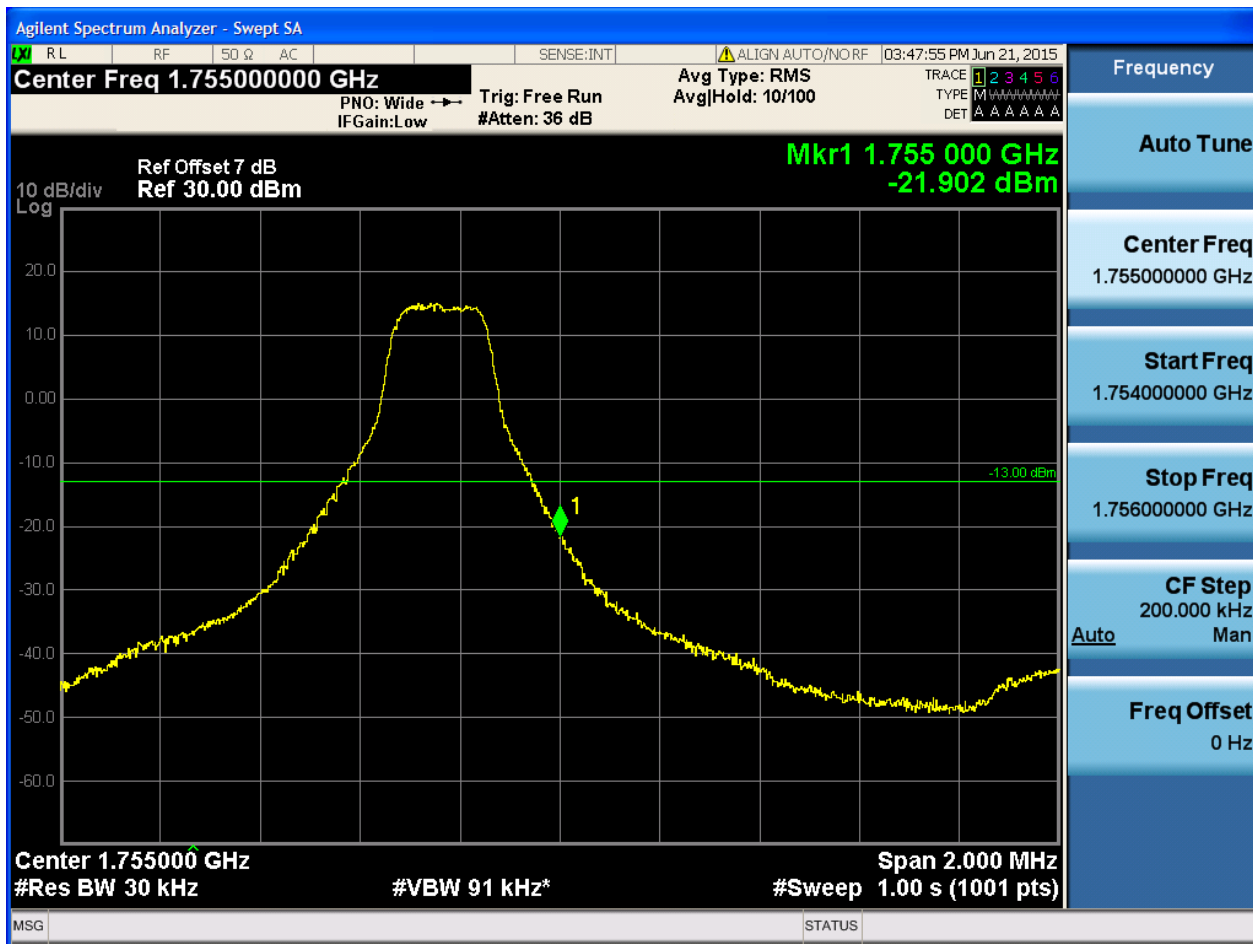
5.1.2.2.2 Test Channel = HCH

5.1.2.2.2.1 Test RB = RB1#0





5.1.2.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 GHz
-34.069 dBm

Center 1.755000 GHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.755000000 GHz

Start Freq
1.754000000 GHz

Stop Freq
1.756000000 GHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



5.1.2.2.2.4 Test RB = RB15#0

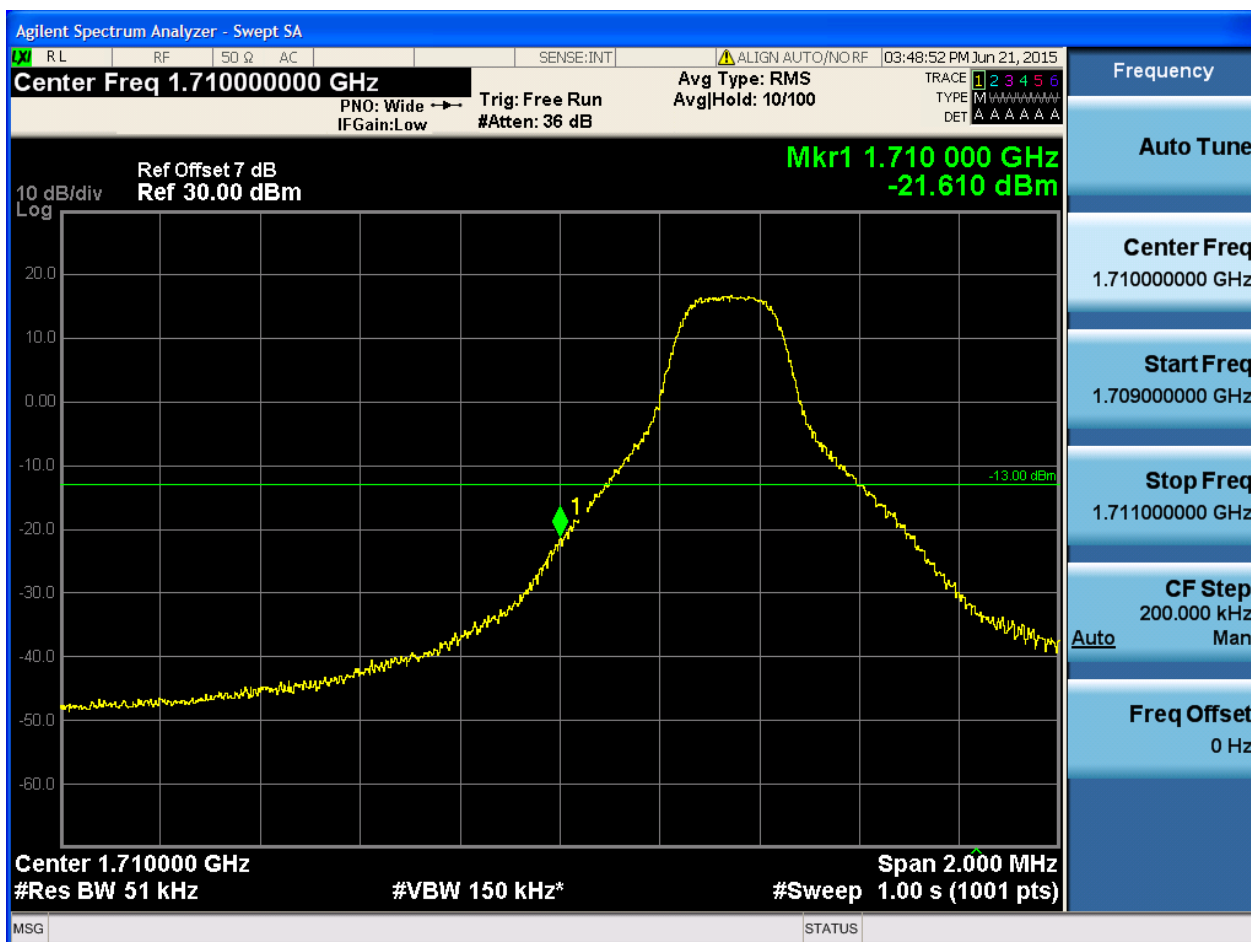




5.1.2.2.3 Test Bandwidth = 5

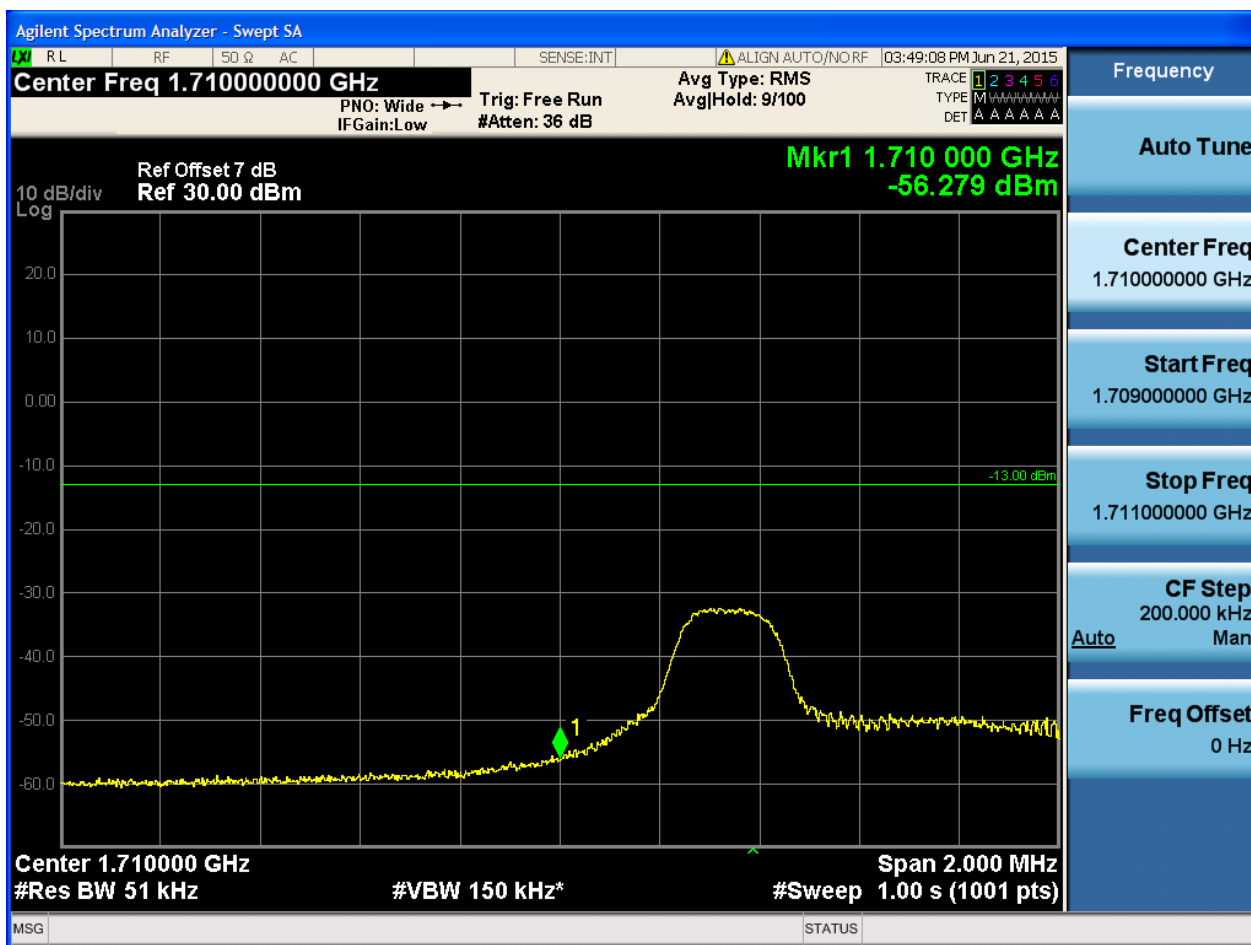
5.1.2.2.3.1 Test Channel = LCH

5.1.2.2.3.1.1 Test RB = RB1#0



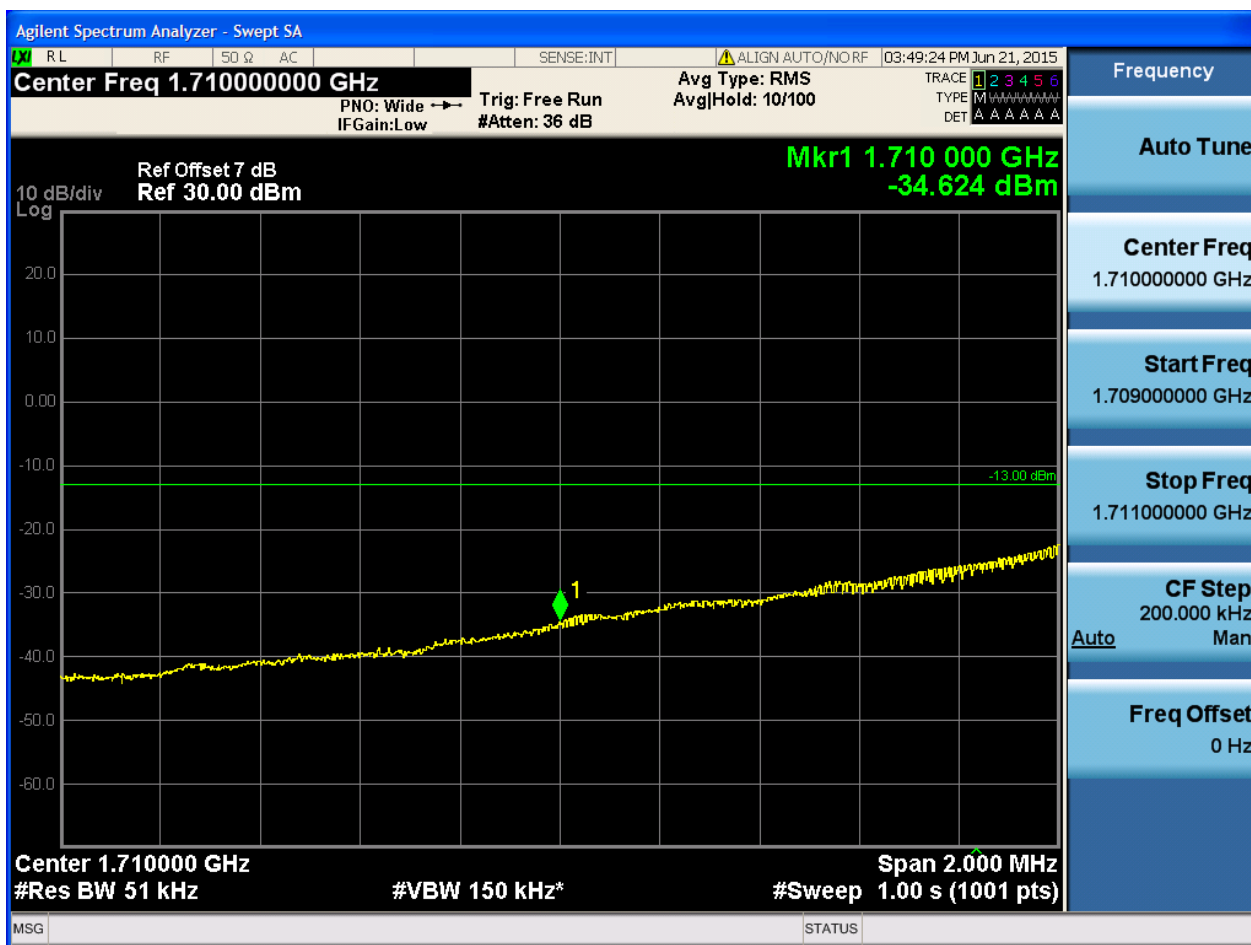


5.1.2.2.3.1.2 Test RB = RB1#24



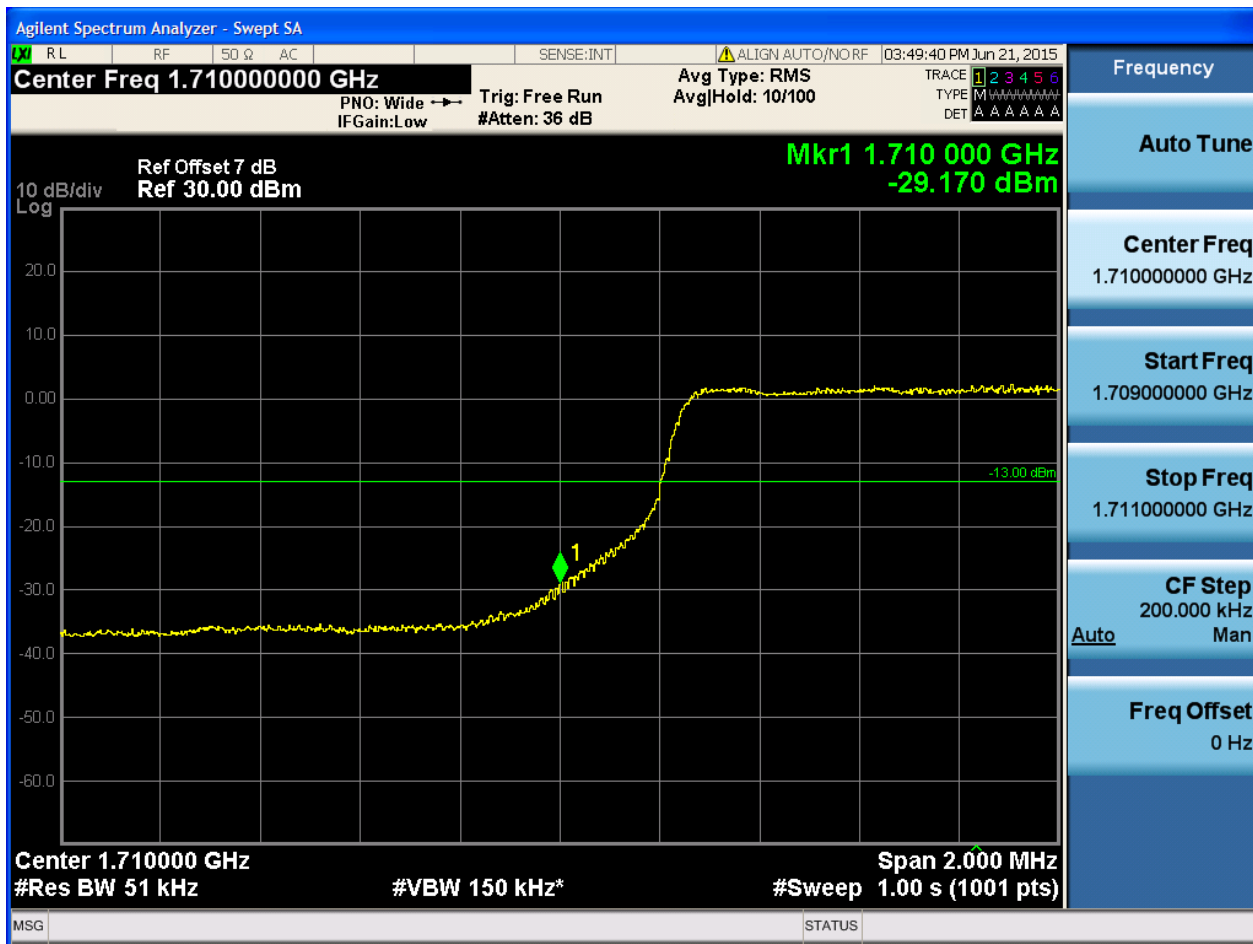


5.1.2.2.3.1.3 Test RB = RB12#6





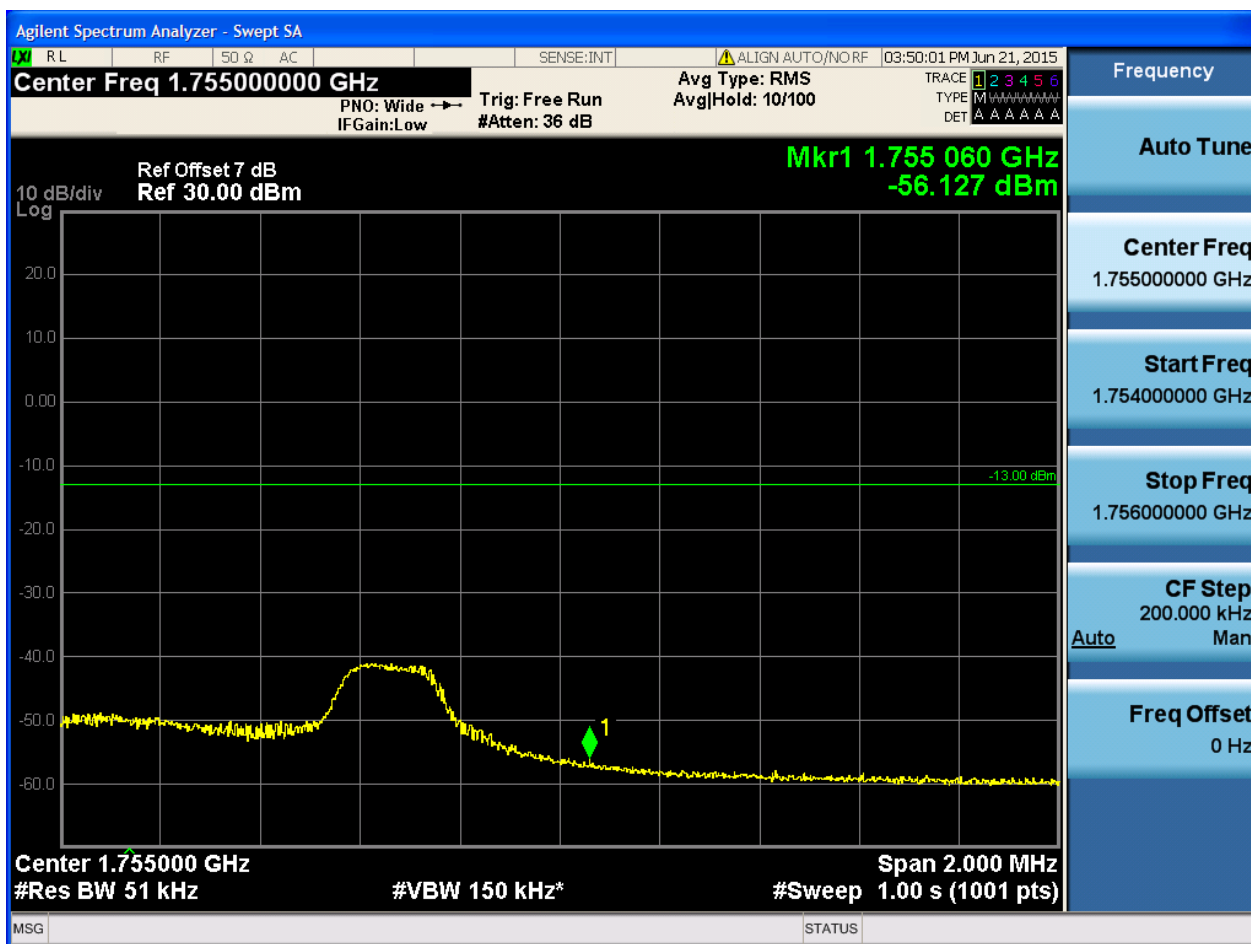
5.1.2.2.3.1.4 Test RB = RB25#0





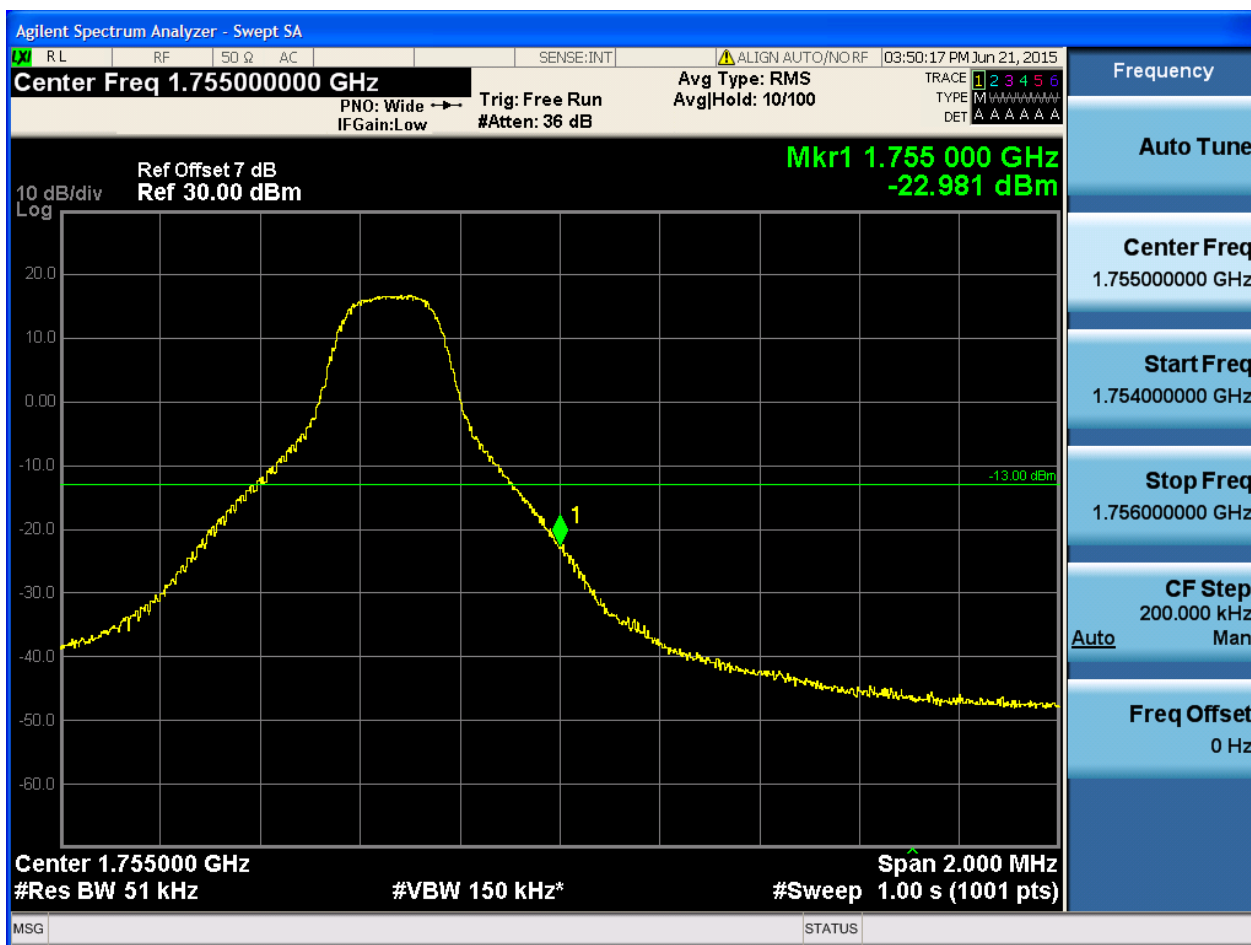
5.1.2.2.3.2 Test Channel = HCH

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

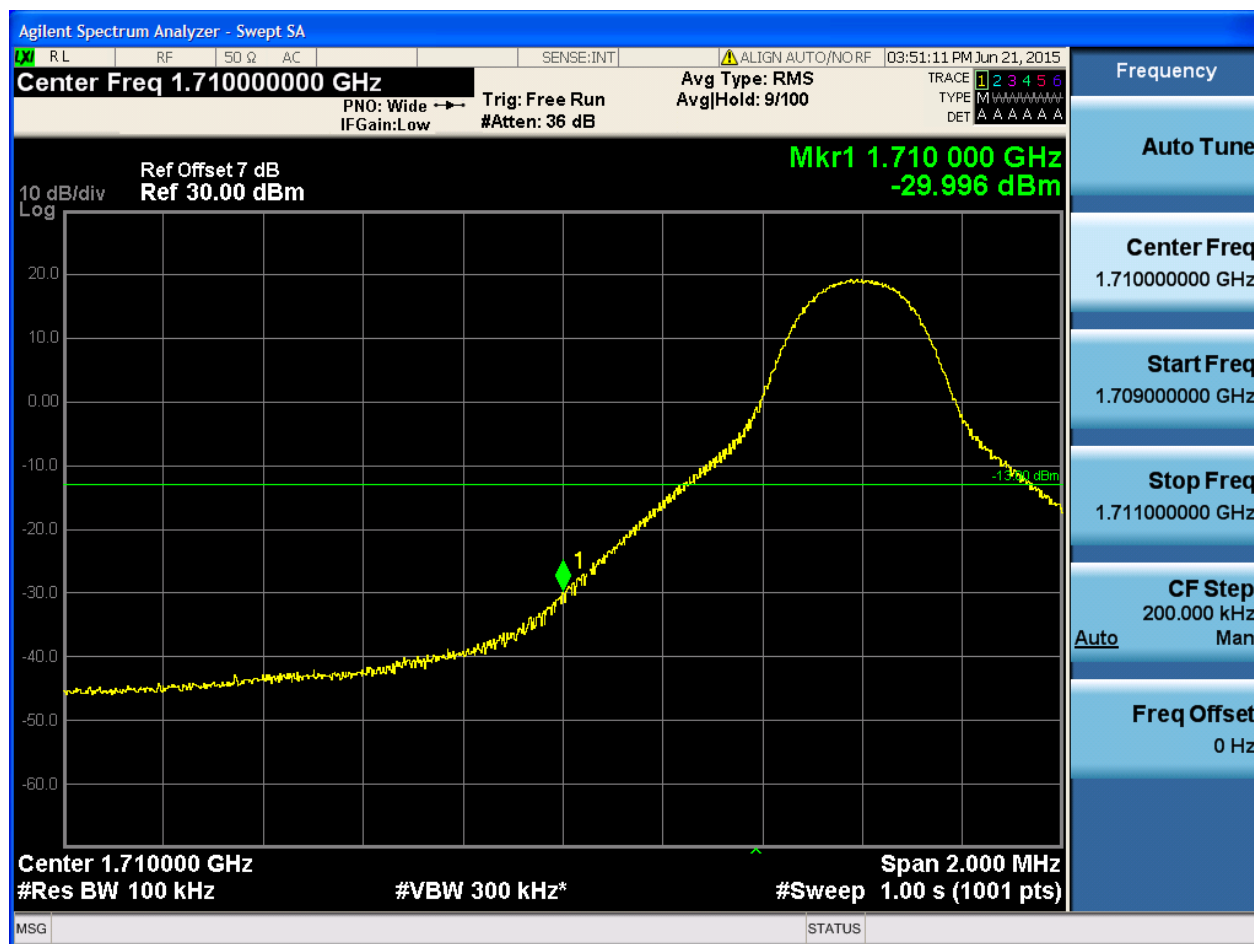




5.1.2.2.4 Test Bandwidth = 10

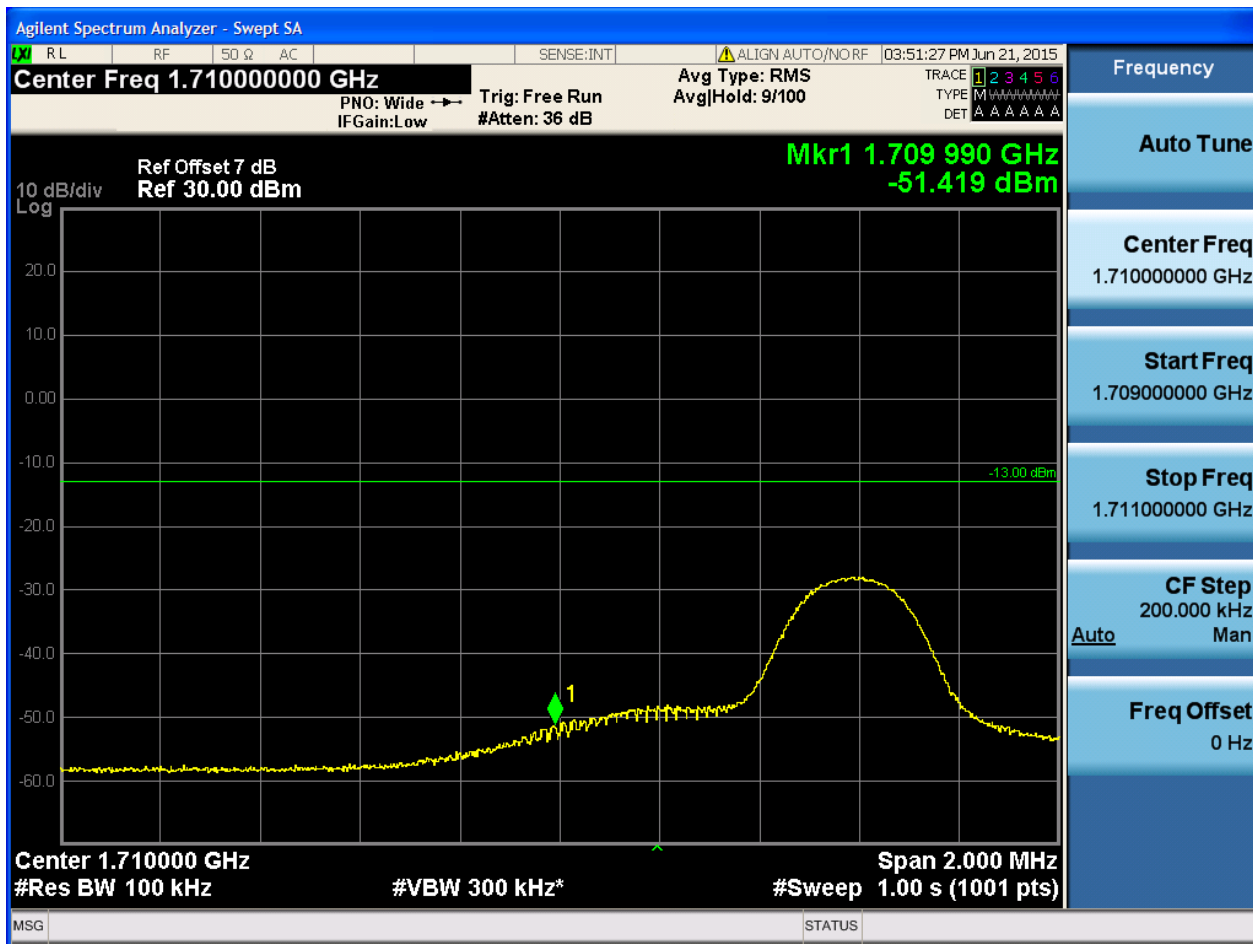
5.1.2.2.4.1 Test Channel = LCH

5.1.2.2.4.1.1 Test RB = RB1#0



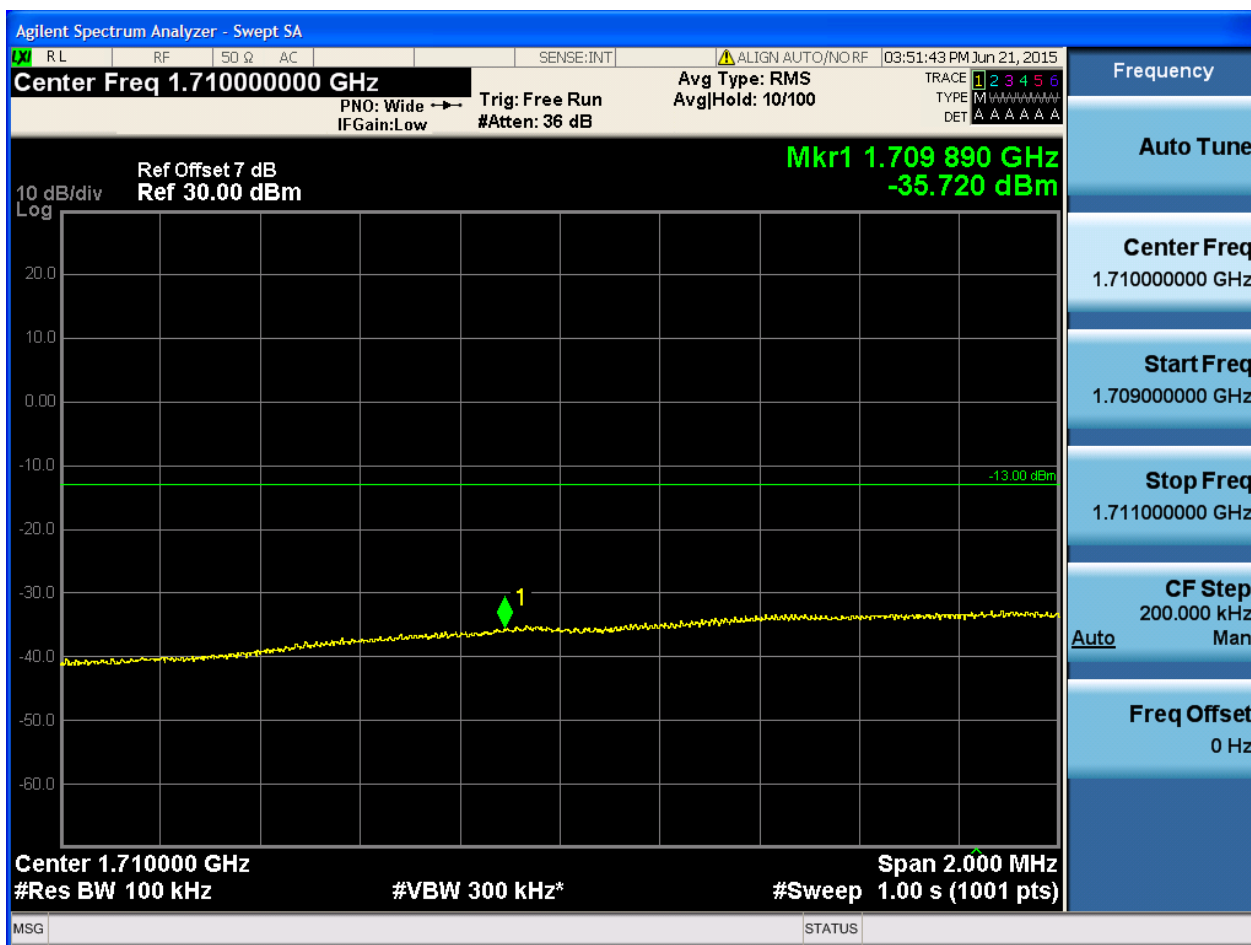


5.1.2.2.4.1.2 Test RB = RB1#49



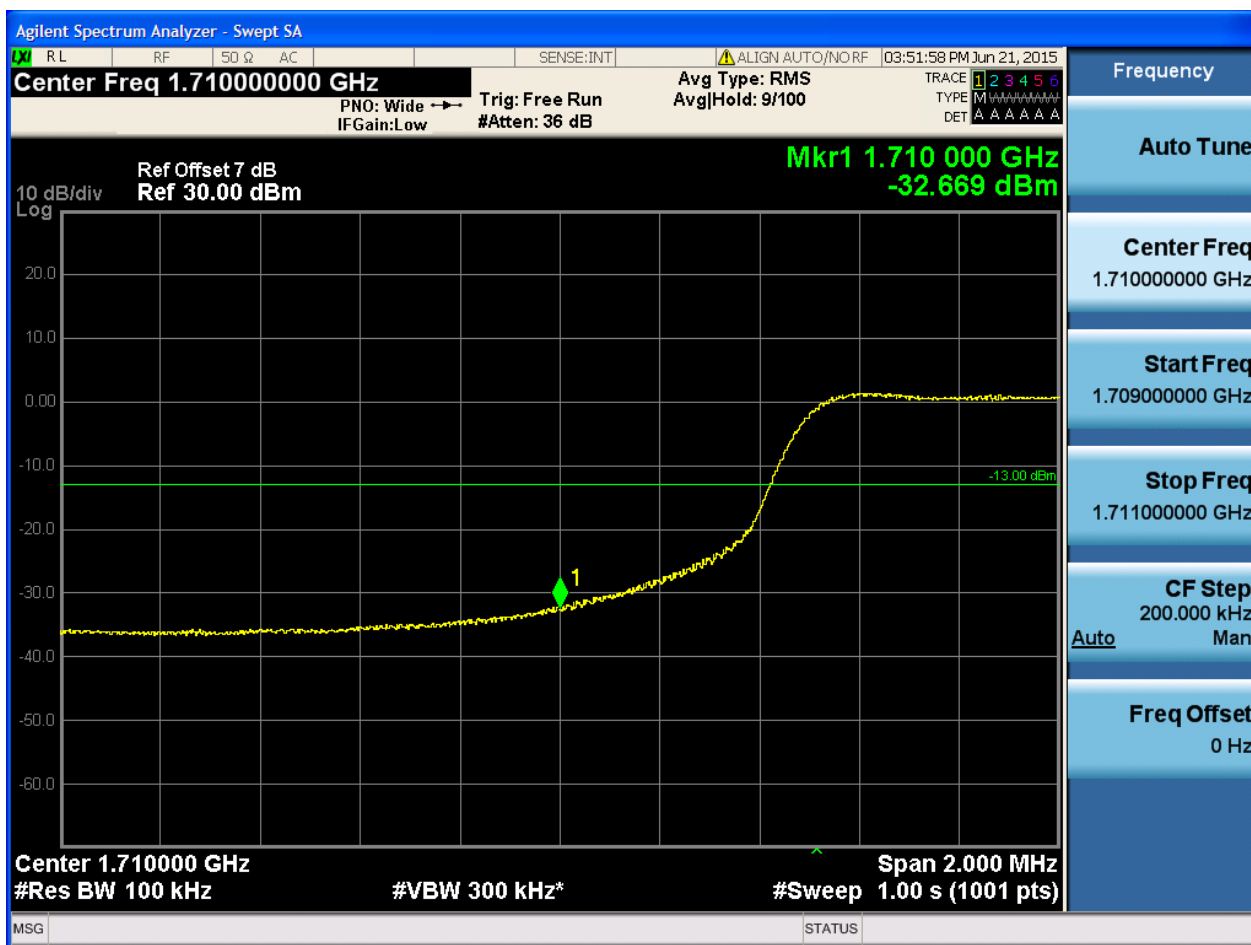


5.1.2.2.4.1.3 Test RB = RB25#13



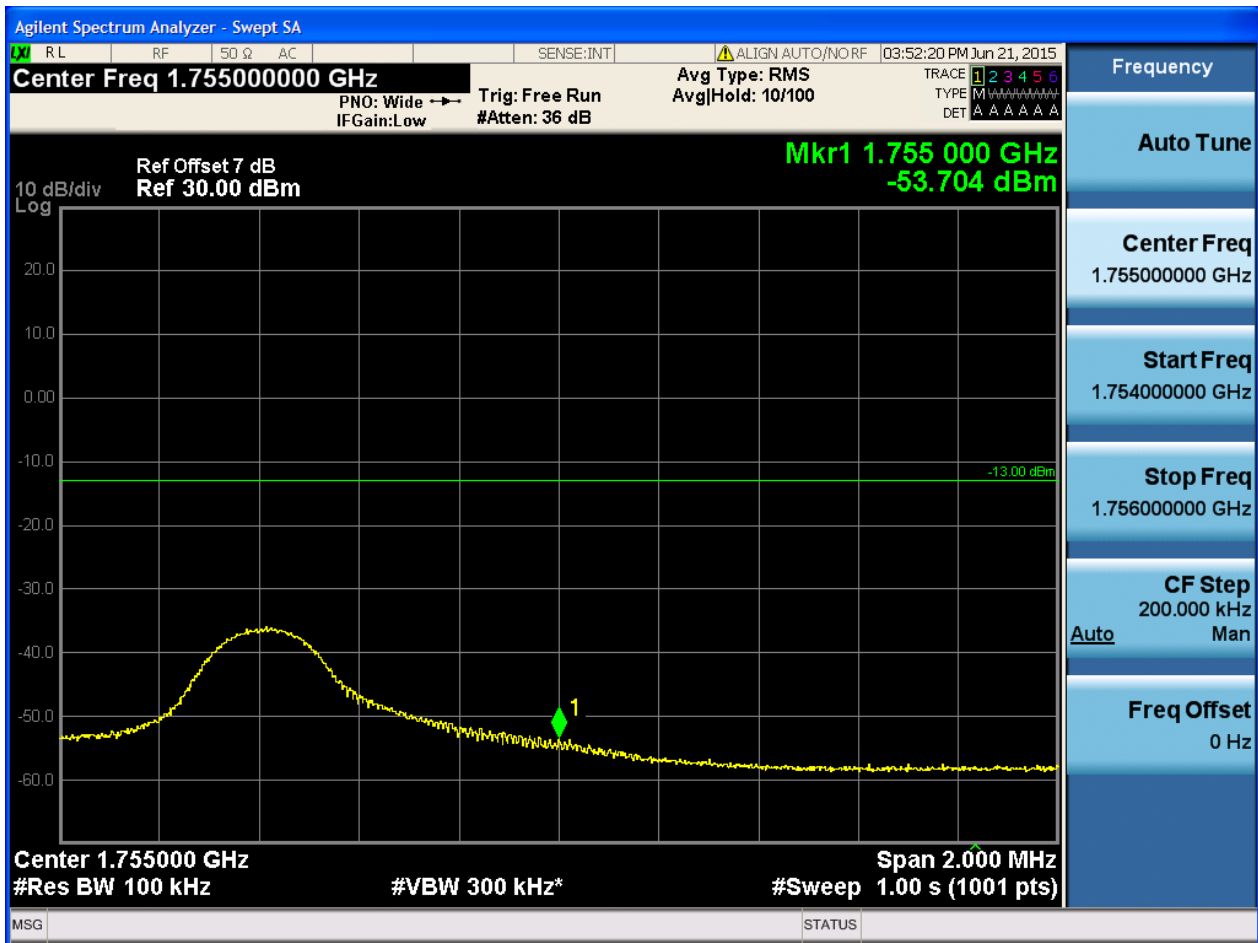


5.1.2.2.4.1.4 Test RB = RB50#0



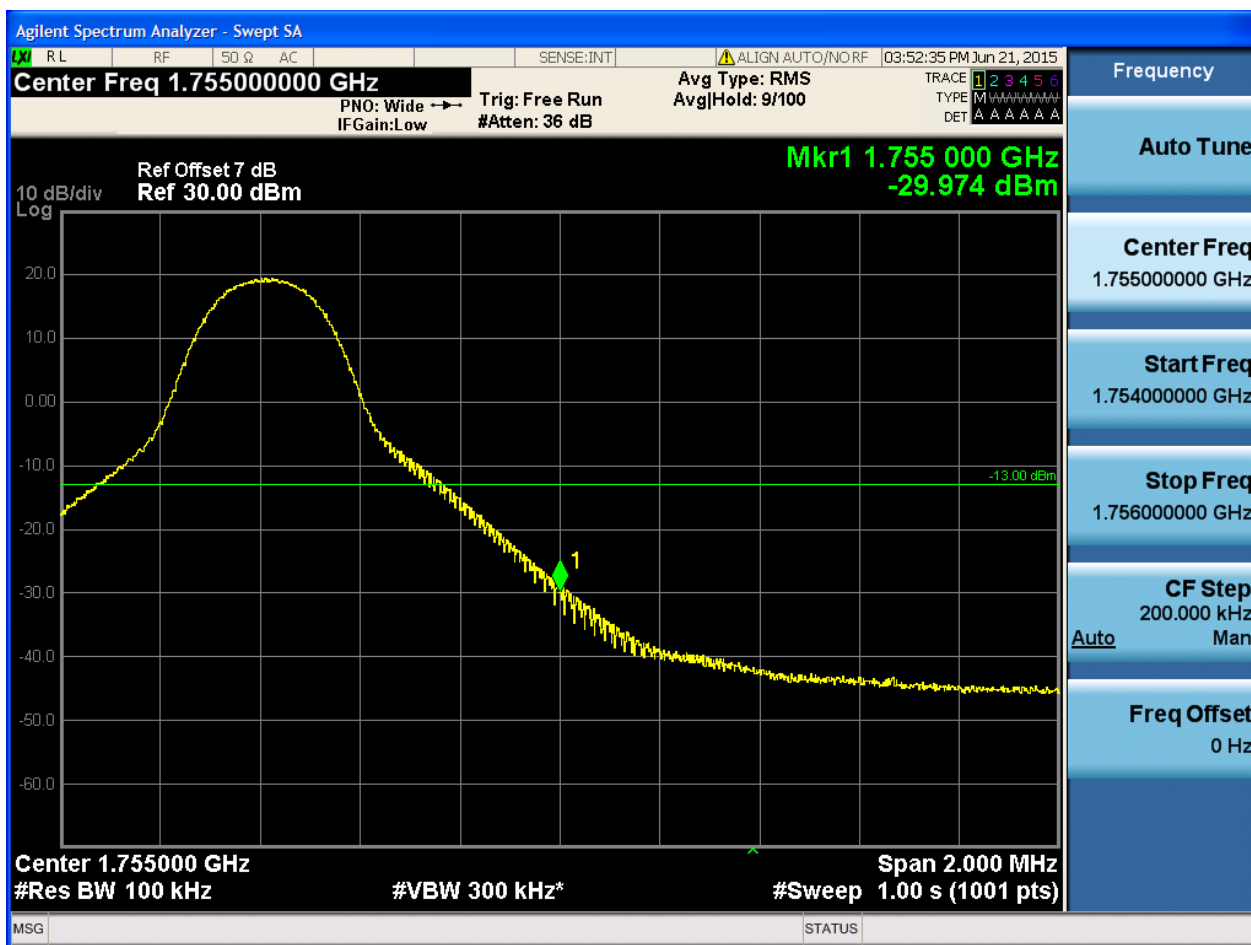


5.1.2.2.4.2.1 Test RB = RB1#0



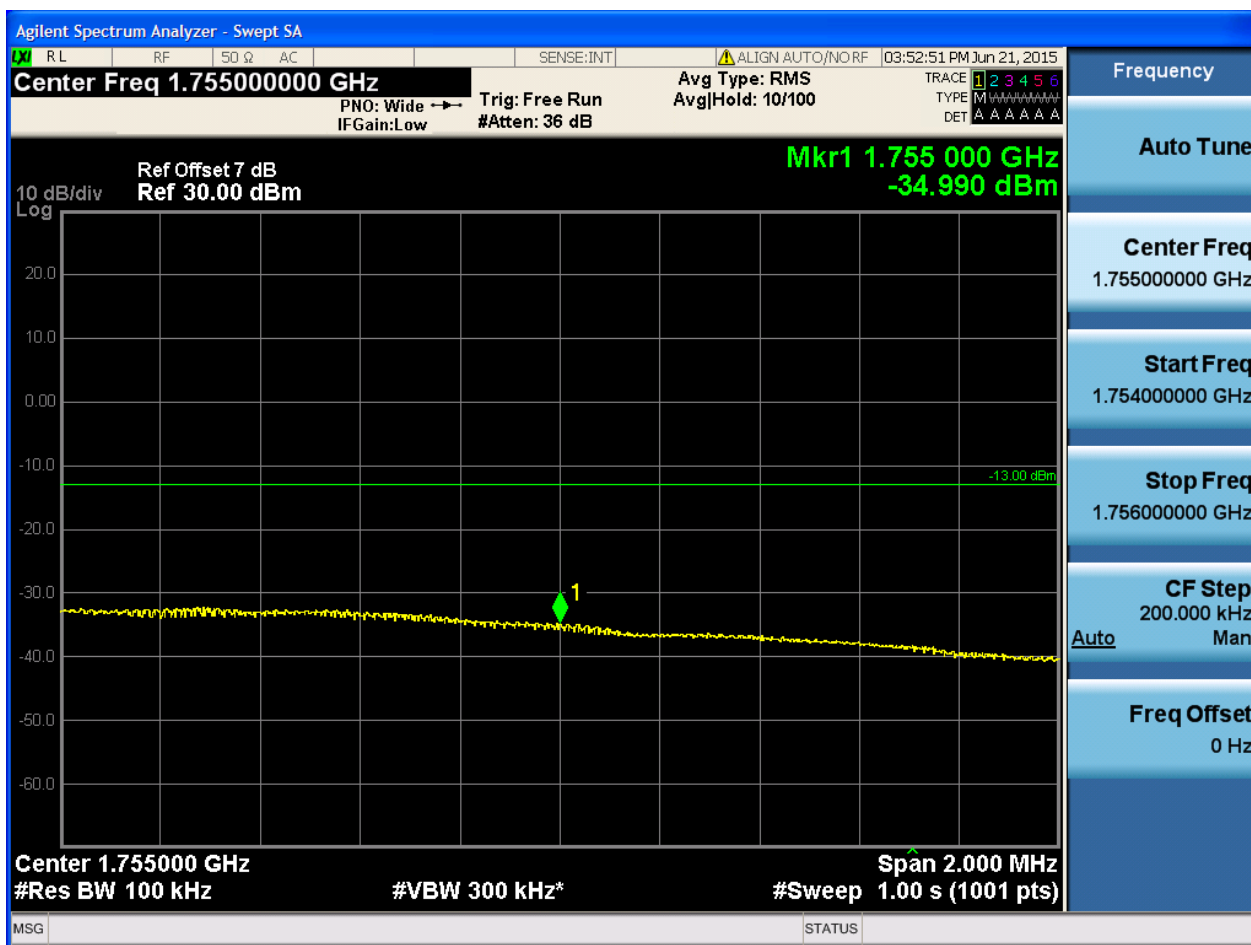


5.1.2.2.4.2.2 Test RB = RB1#49



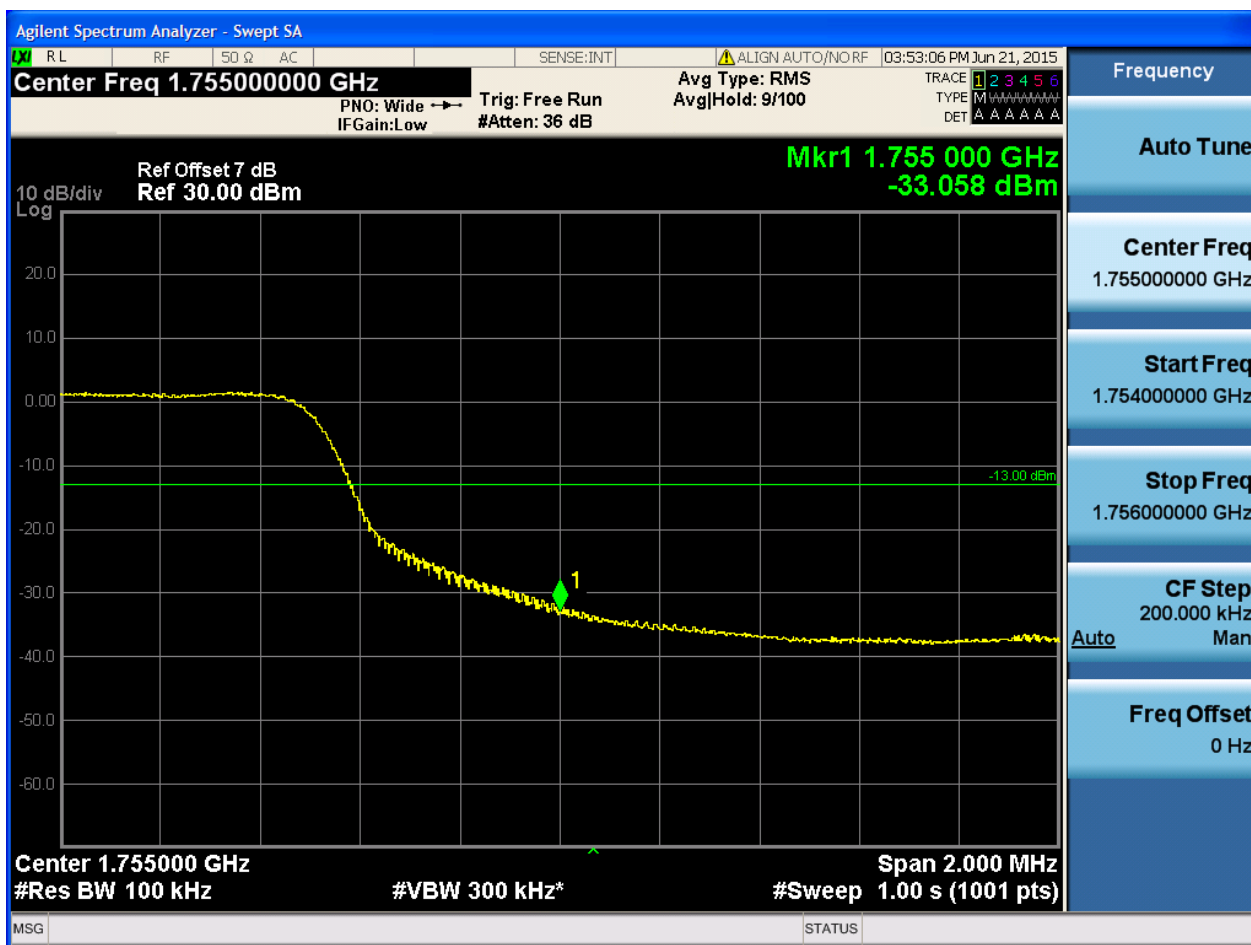


5.1.2.2.4.2.3 Test RB = RB25#13





5.1.2.2.4.2.4 Test RB = RB50#0

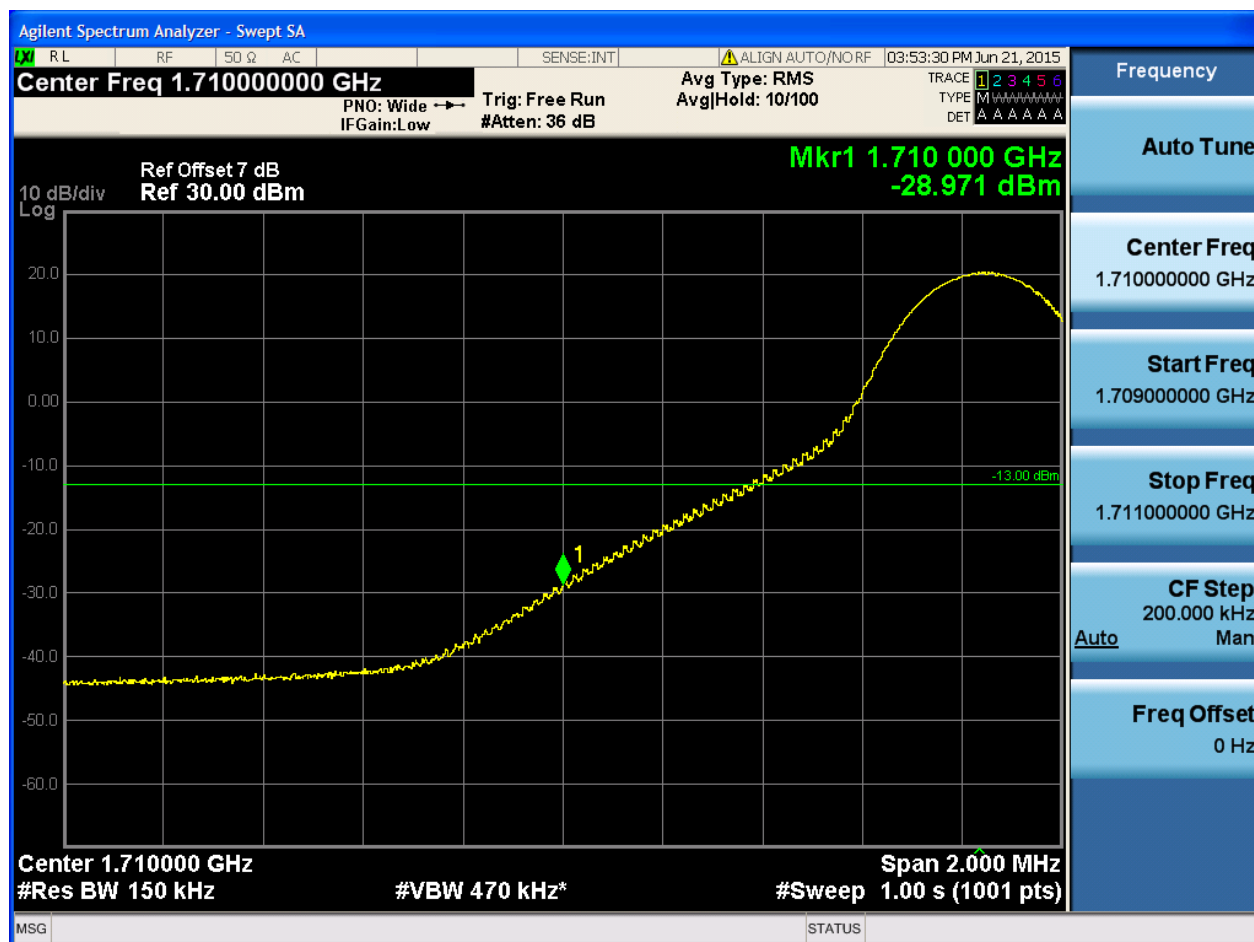




5.1.2.2.5 Test Bandwidth = 15

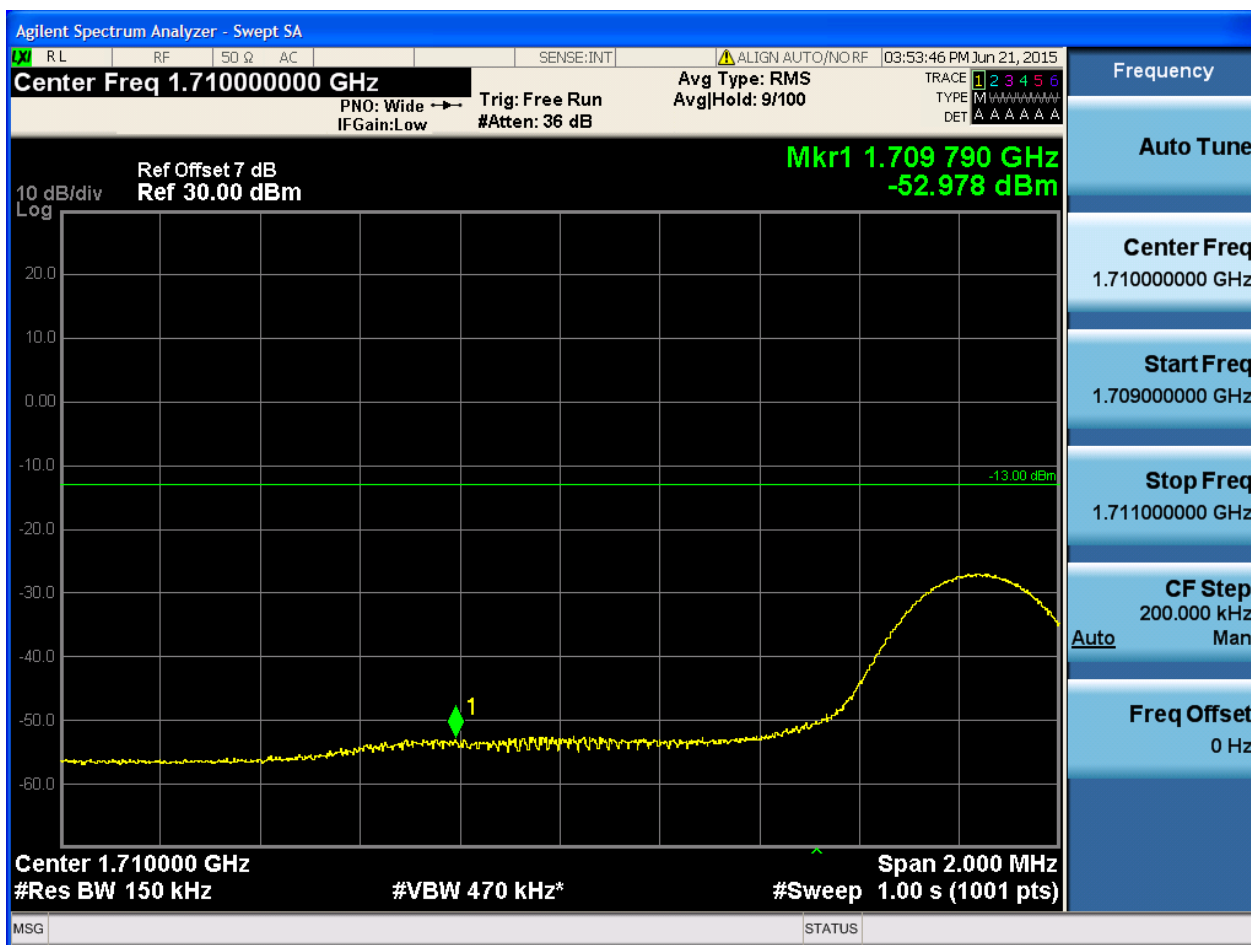
5.1.2.2.5.1 Test Channel = LCH

5.1.2.2.5.1.1 Test RB = RB1#0



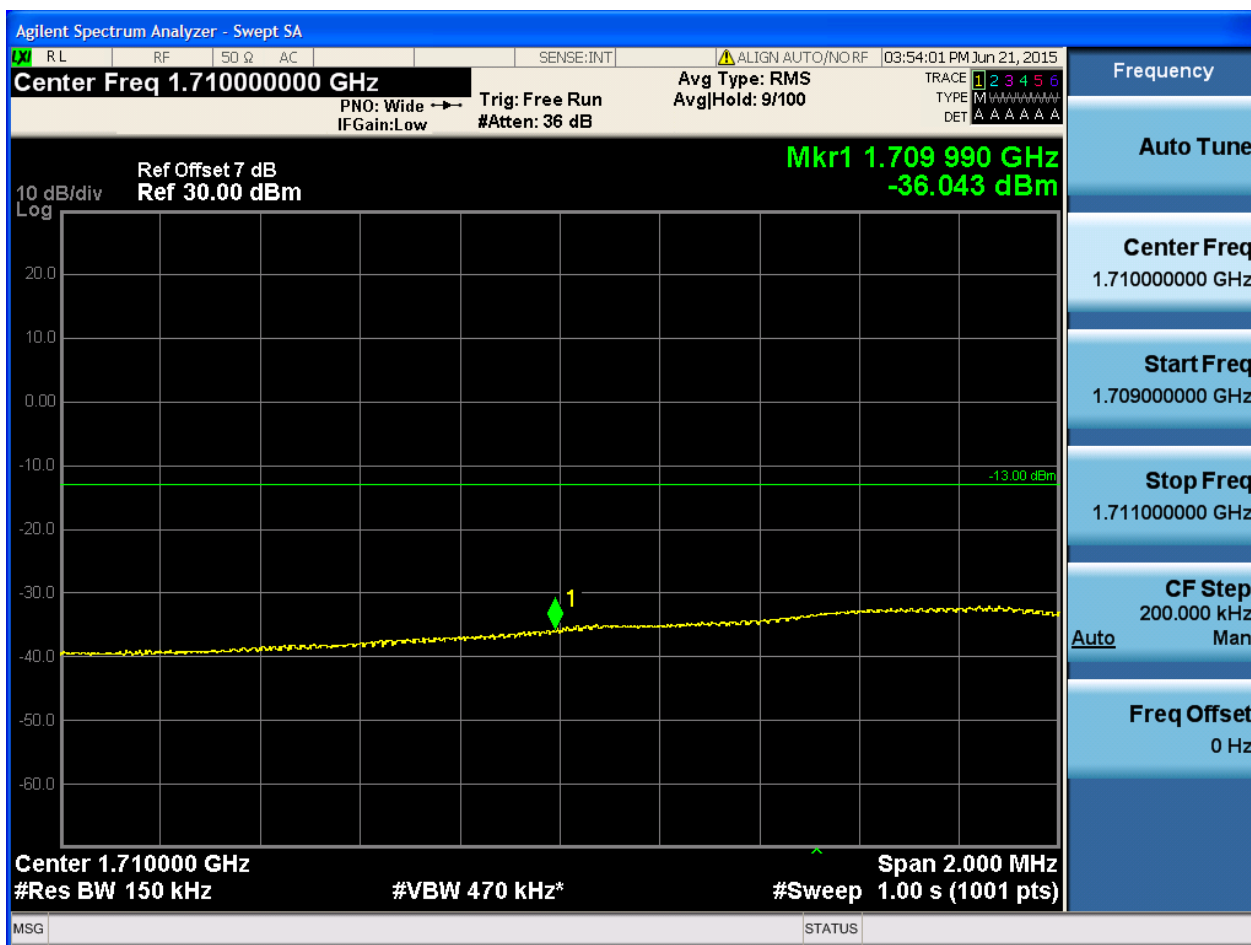


5.1.2.2.5.1.2 Test RB = RB1#74



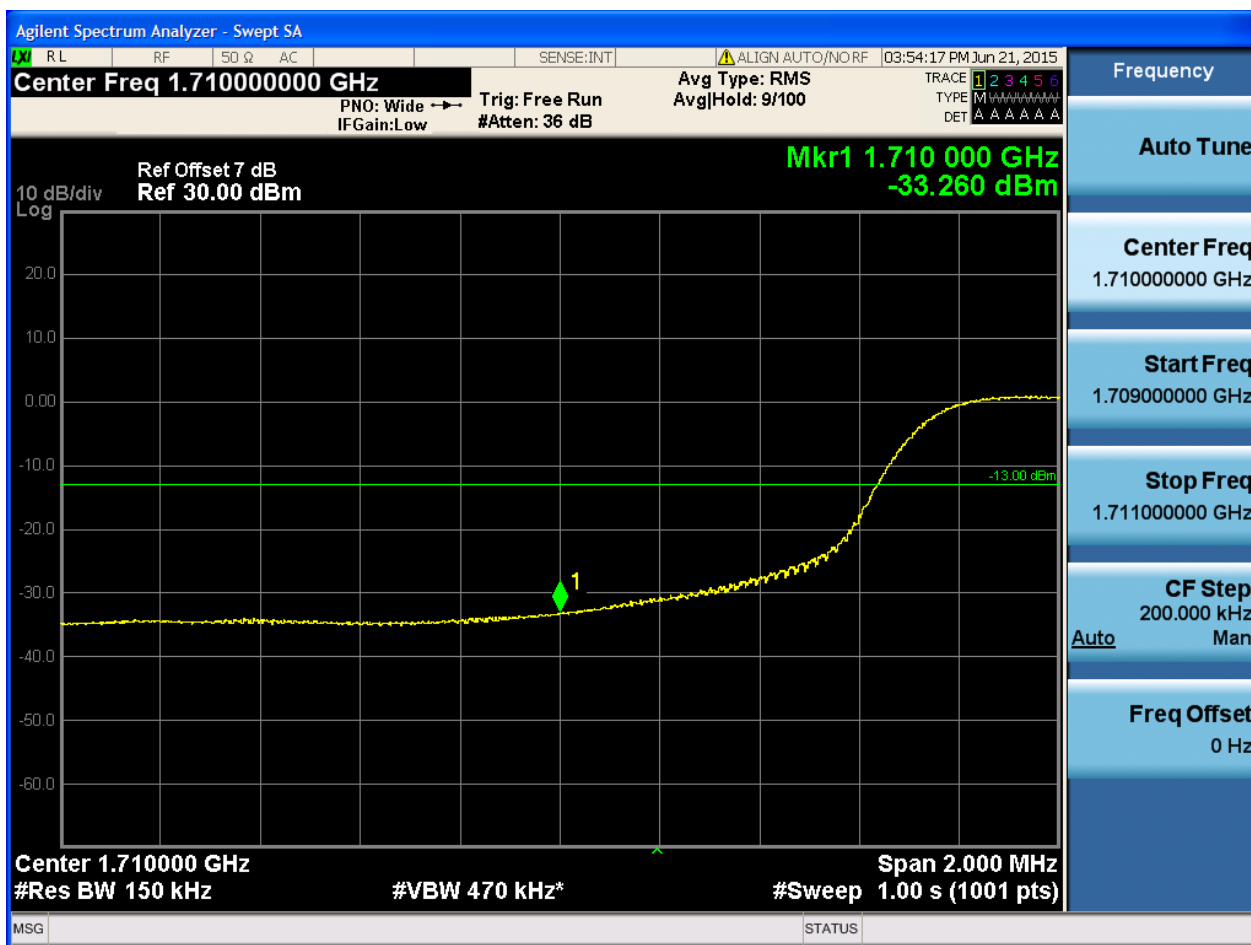


5.1.2.2.5.1.3 Test RB = RB38#19





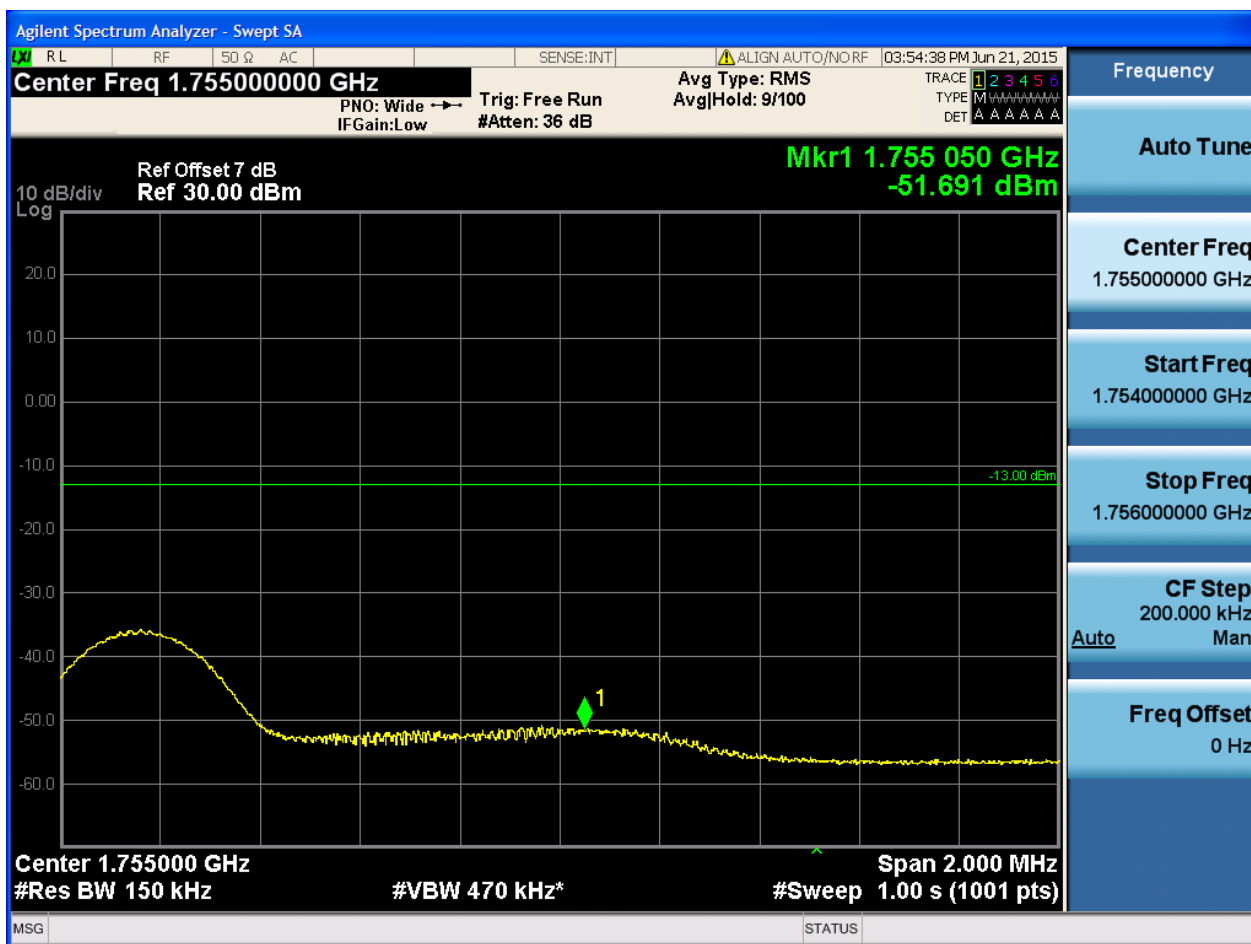
5.1.2.2.5.1.4 Test RB = RB75#0





5.1.2.2.5.2 Test Channel = HCH

5.1.2.2.5.1.2 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

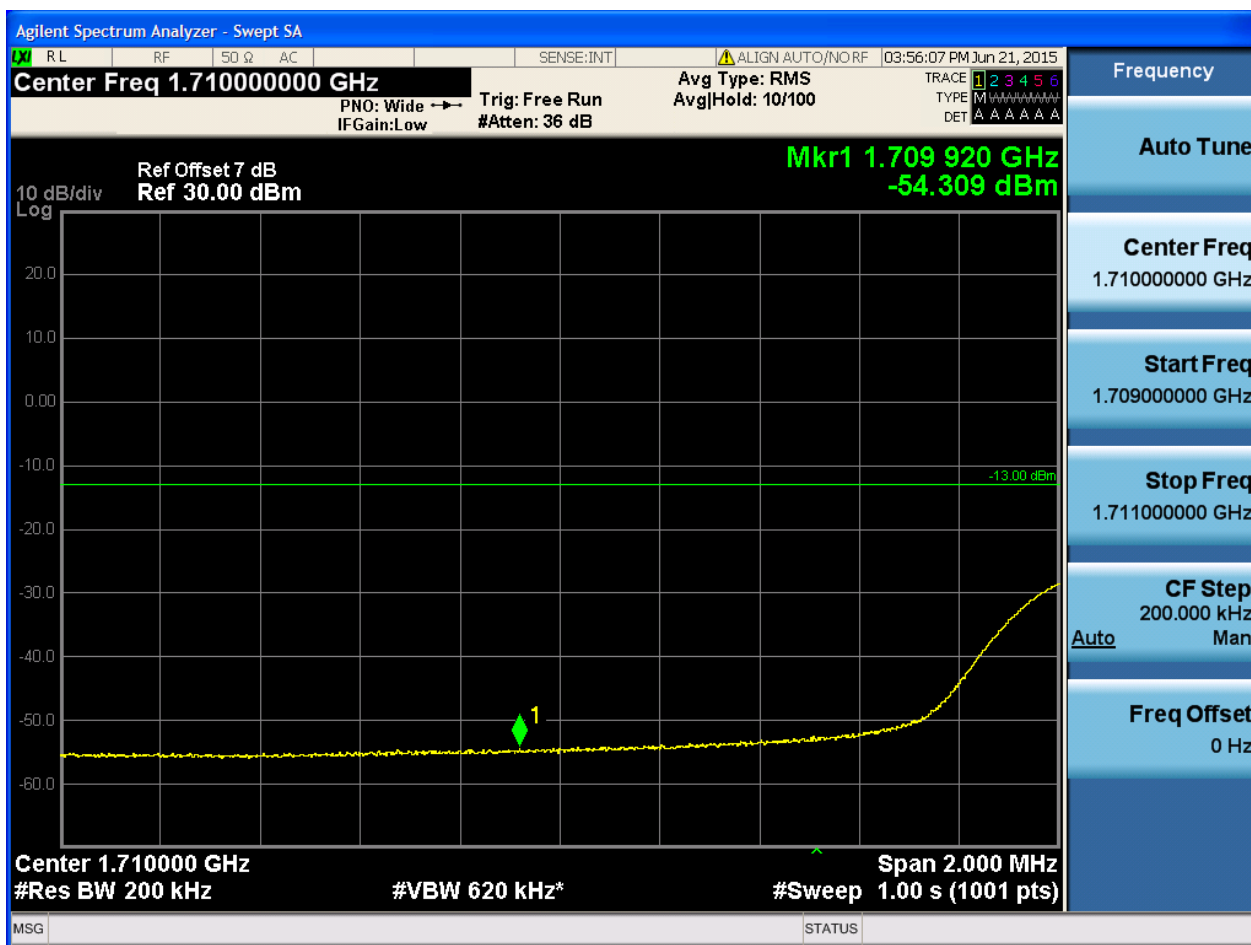
5.1.2.2.6.1 Test Channel = LCH

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





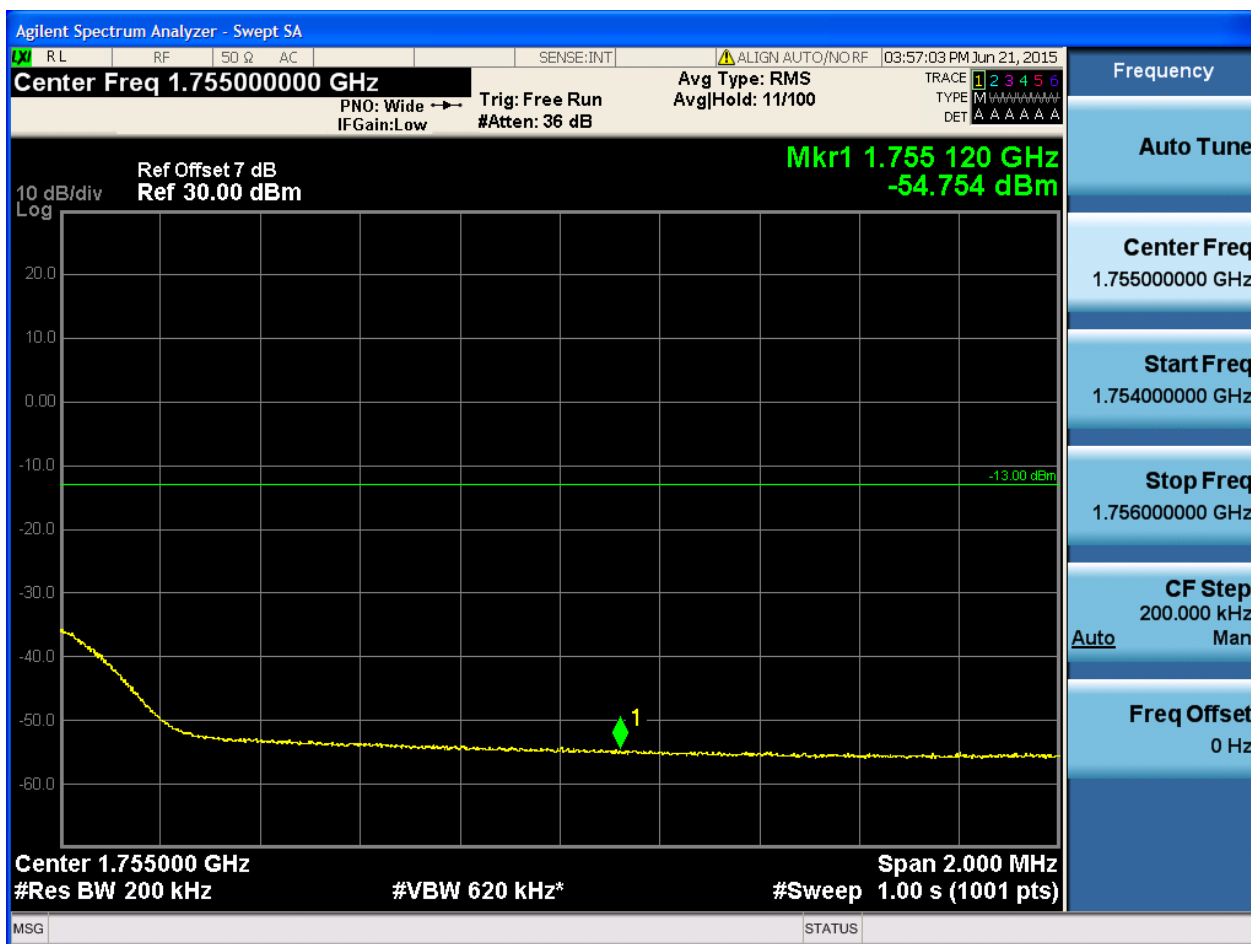
5.1.2.2.6.1.4 Test RB = RB100#0





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





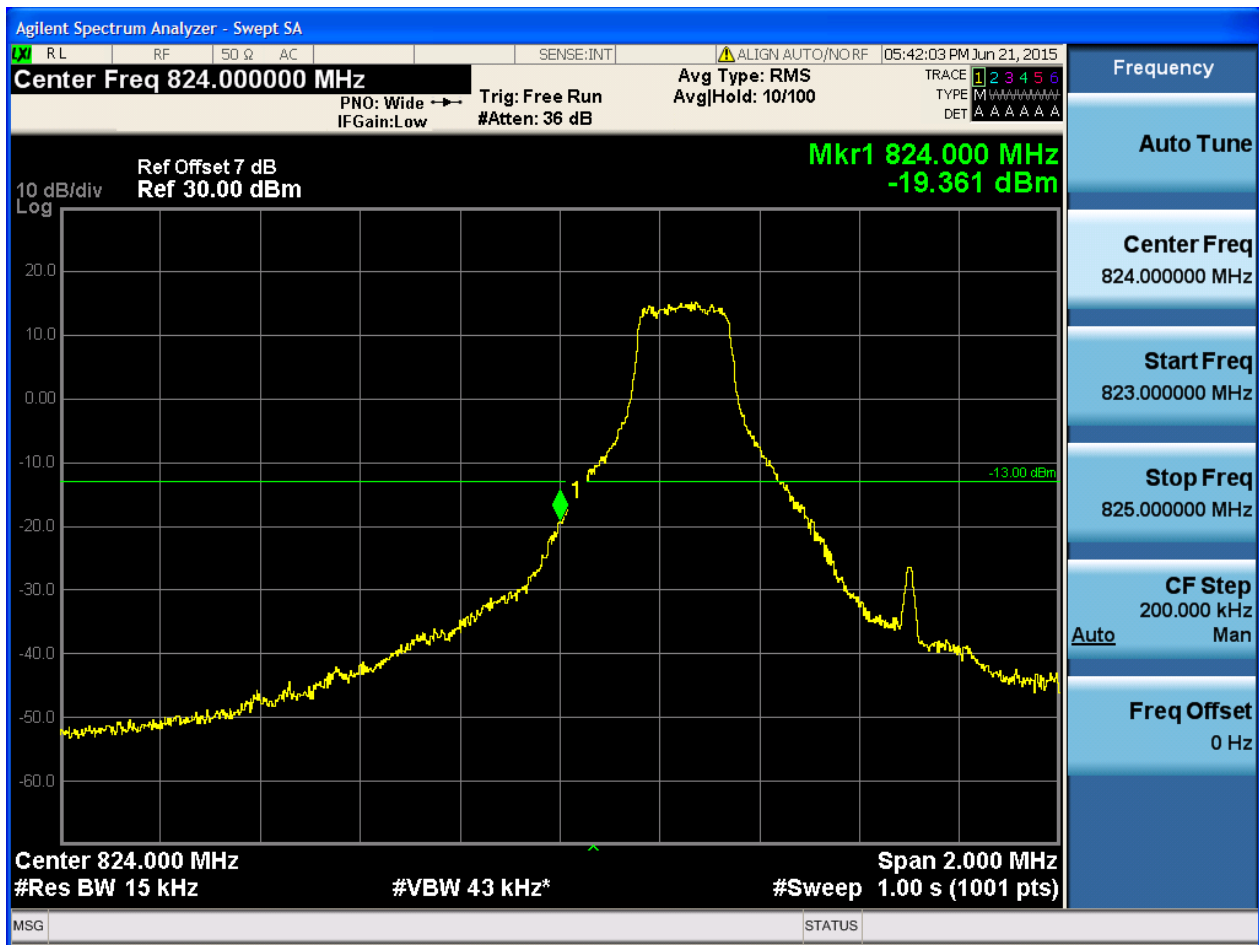
5.1.3 Test Band = BAND5

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



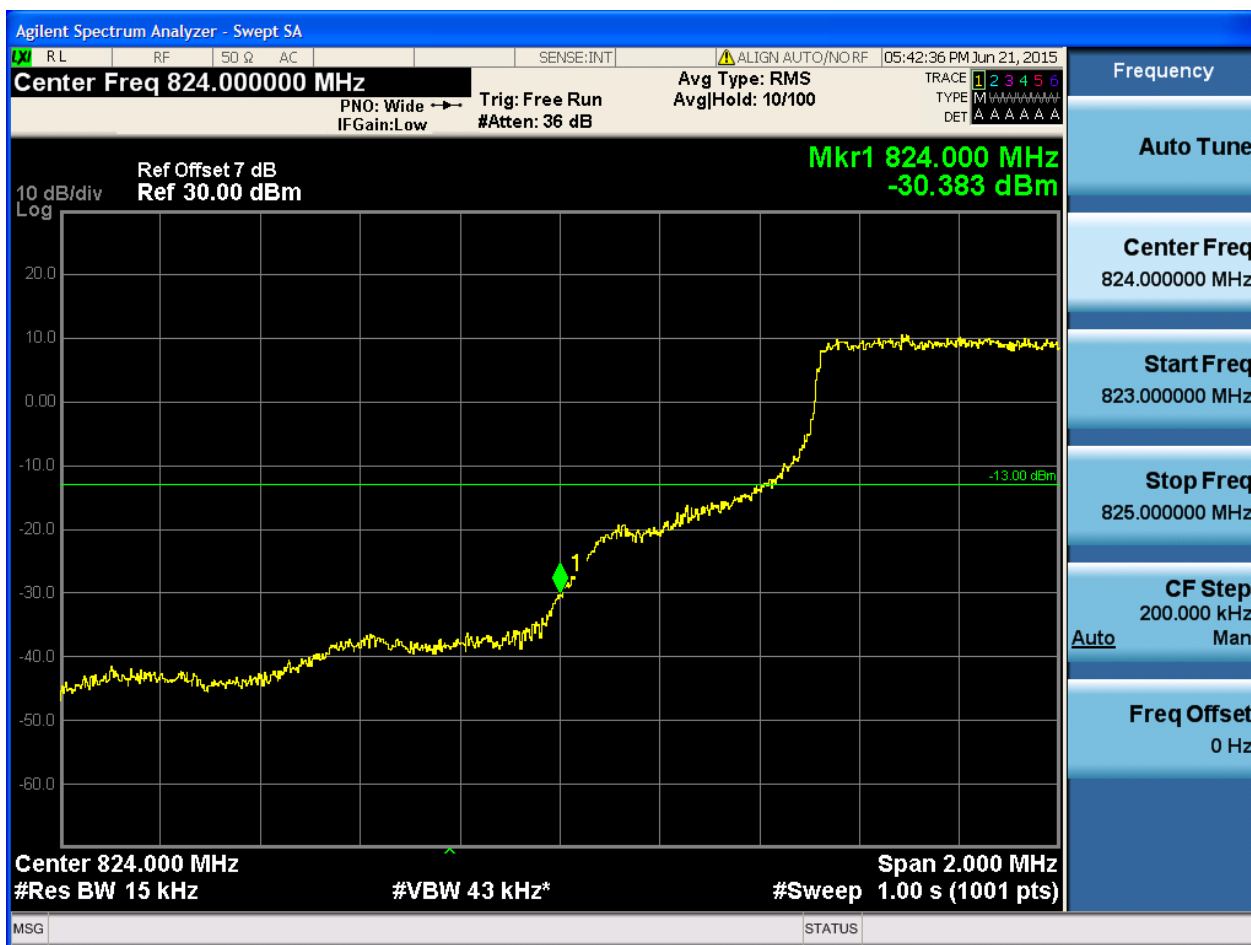


5.1.3.1.1.2 Test RB = RB1#5



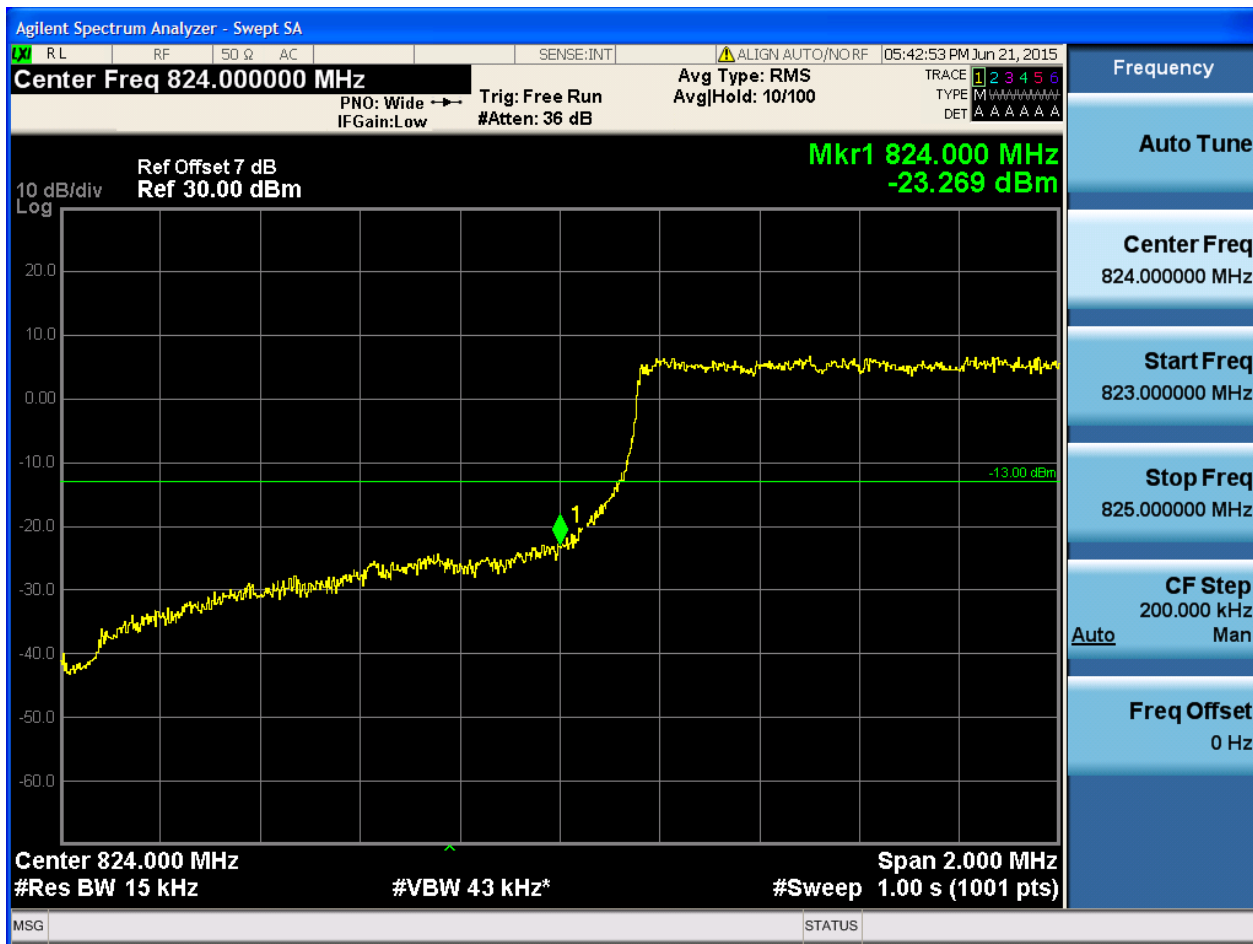


5.1.3.1.1.3 Test RB = RB3#2





5.1.3.1.1.4 Test RB = RB6#0





5.1.3.1.1.2 Test Channel = HCH

5.1.3.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.010 MHz
-22.702 dBm

Center 849.000 MHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



5.1.3.1.1.2.3 Test RB = RB3#2





5.1.3.1.1.2.4 Test RB = RB6#0

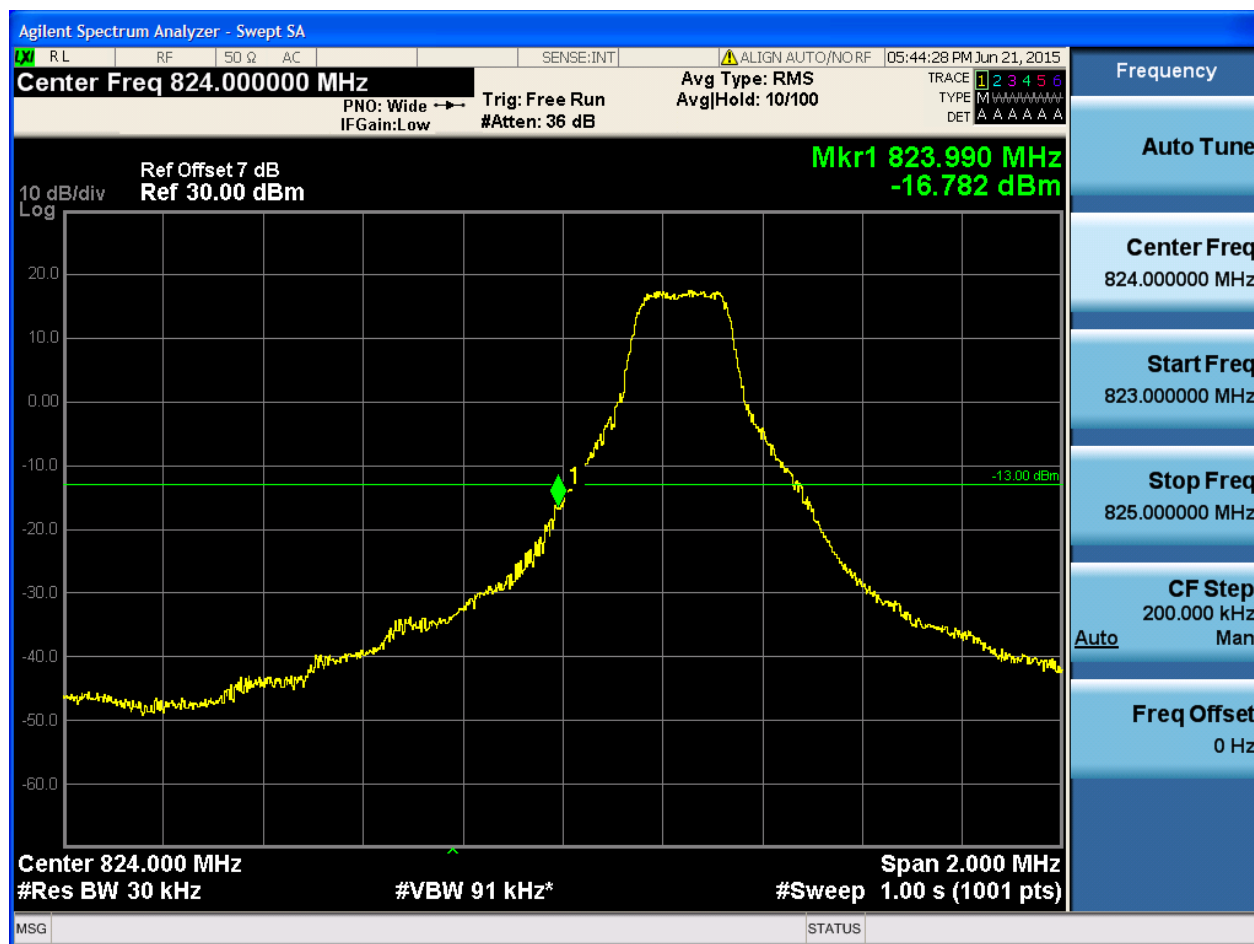




5.1.3.1.2 Test Bandwidth = 3

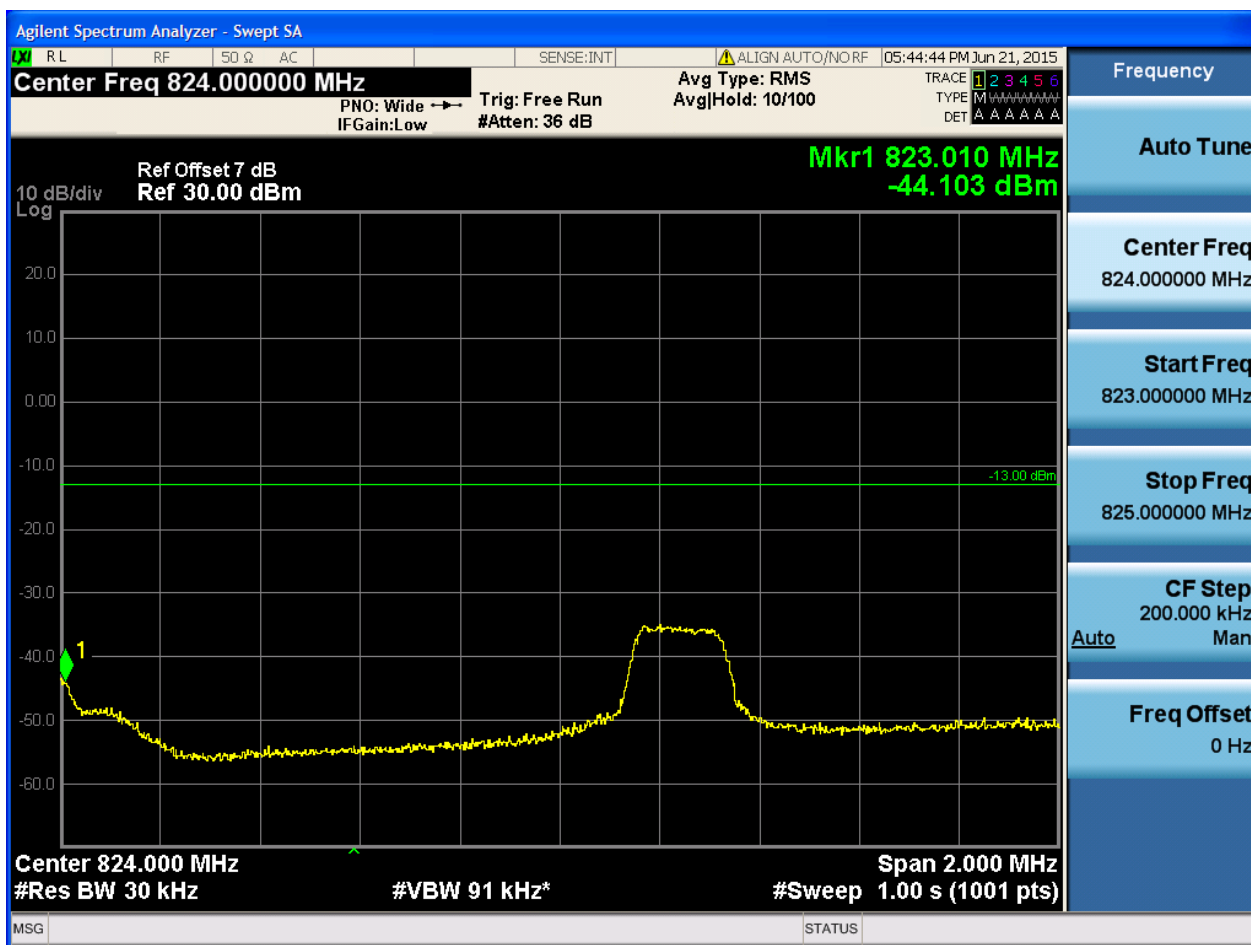
5.1.3.1.2.1 Test Channel = LCH

5.1.3.1.2.1.1 Test RB = RB1#0



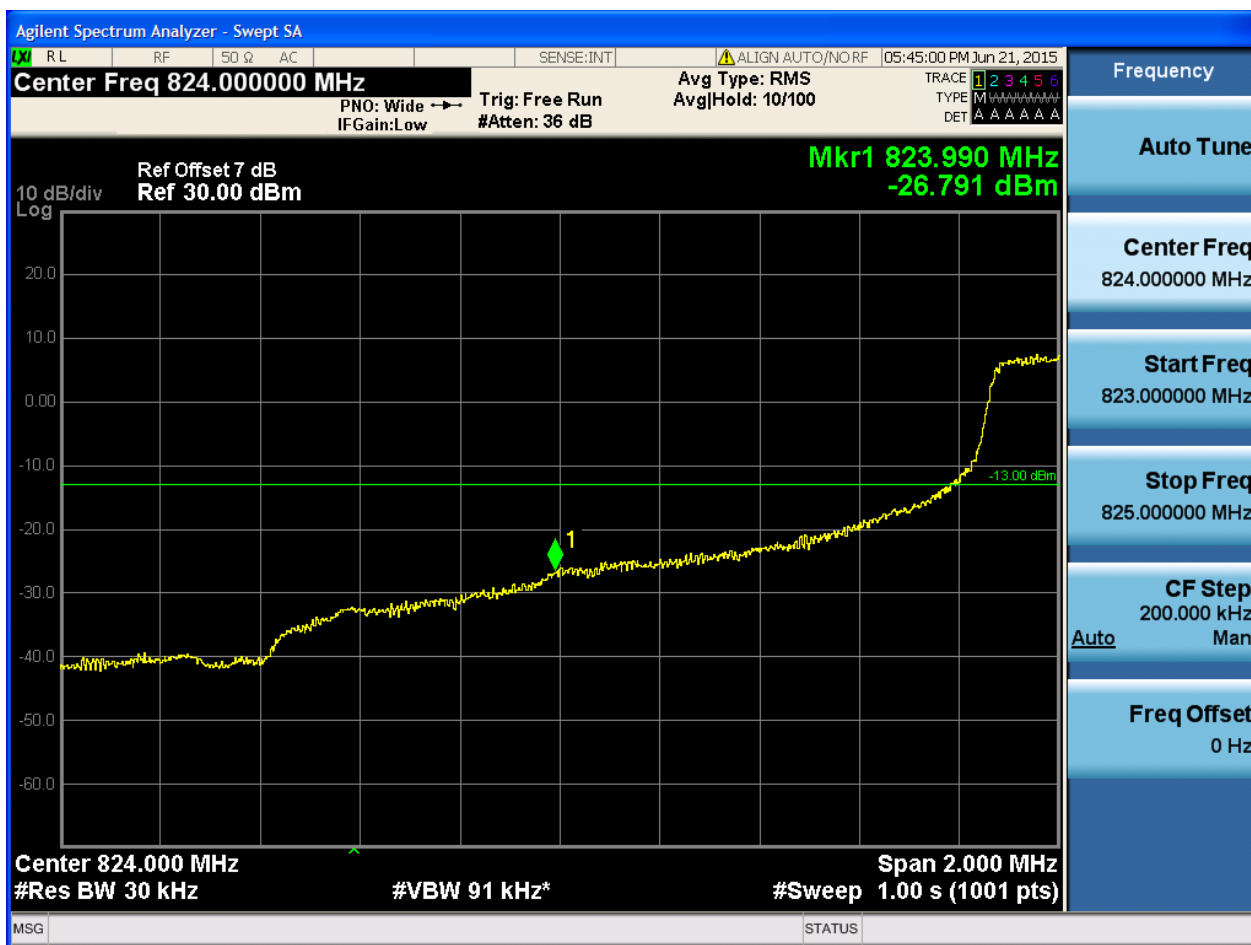


5.1.3.1.2.1.2 Test RB = RB1#14



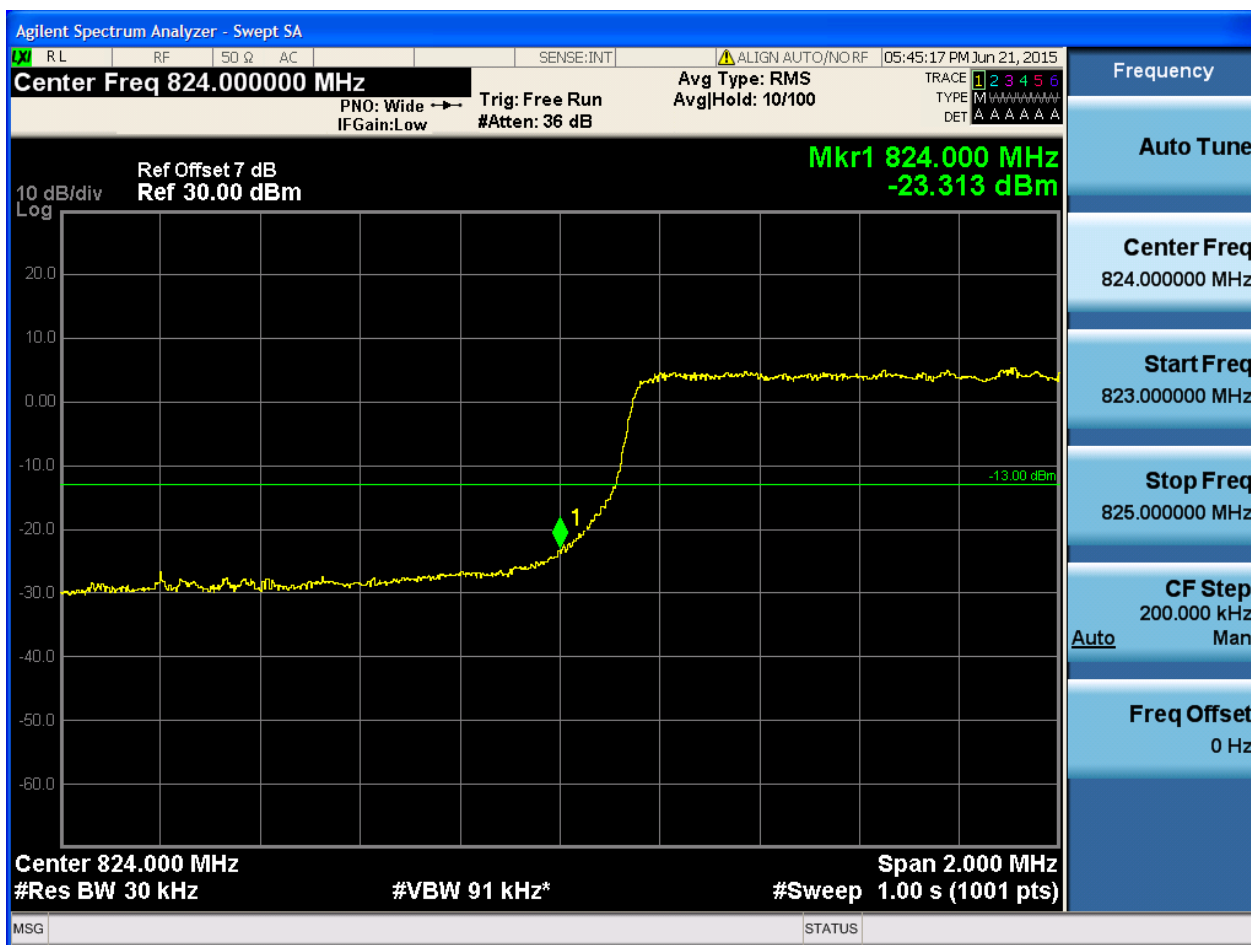


5.1.3.1.2.1.3 Test RB = RB8#4





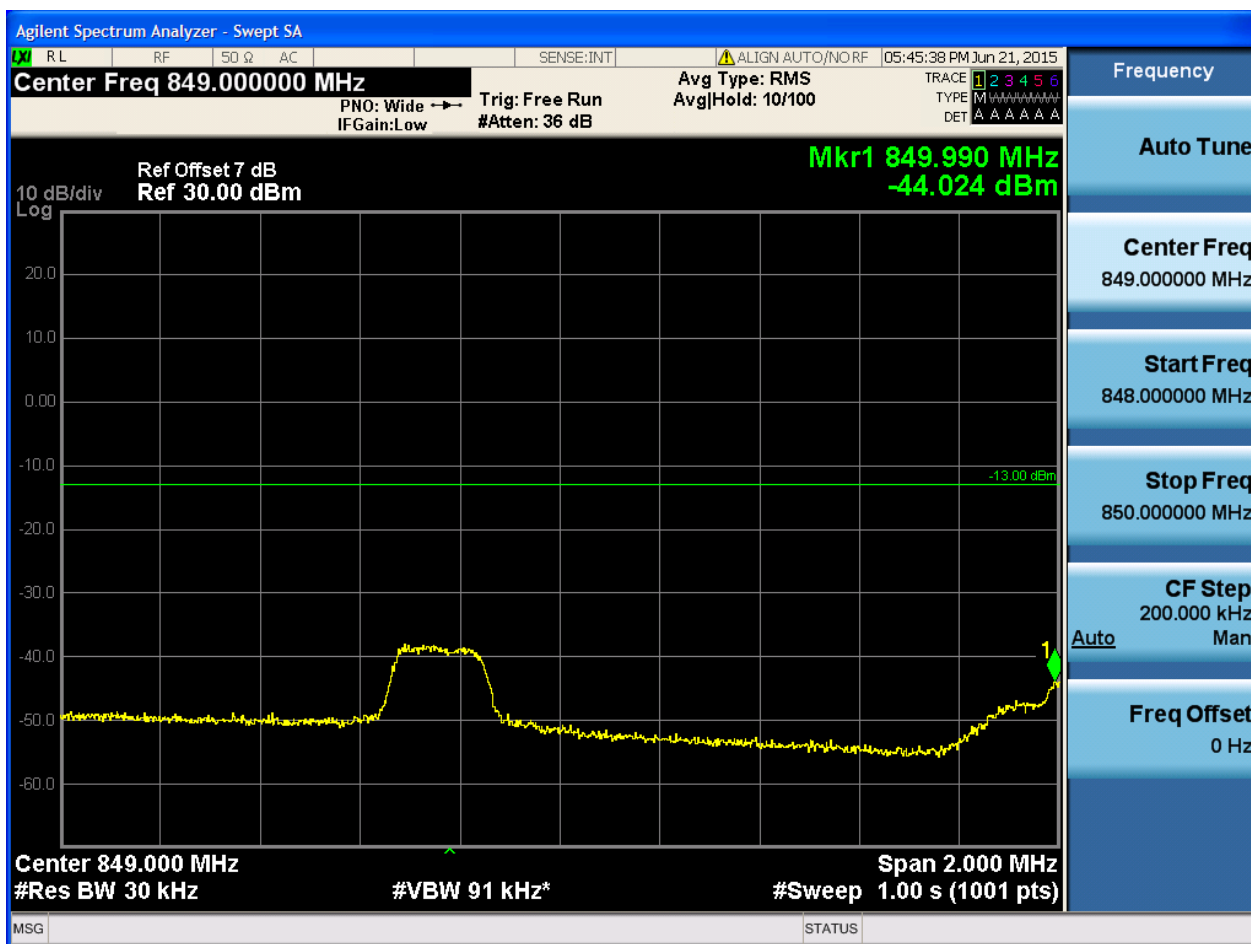
5.1.3.1.2.1.4 Test RB = RB15#0





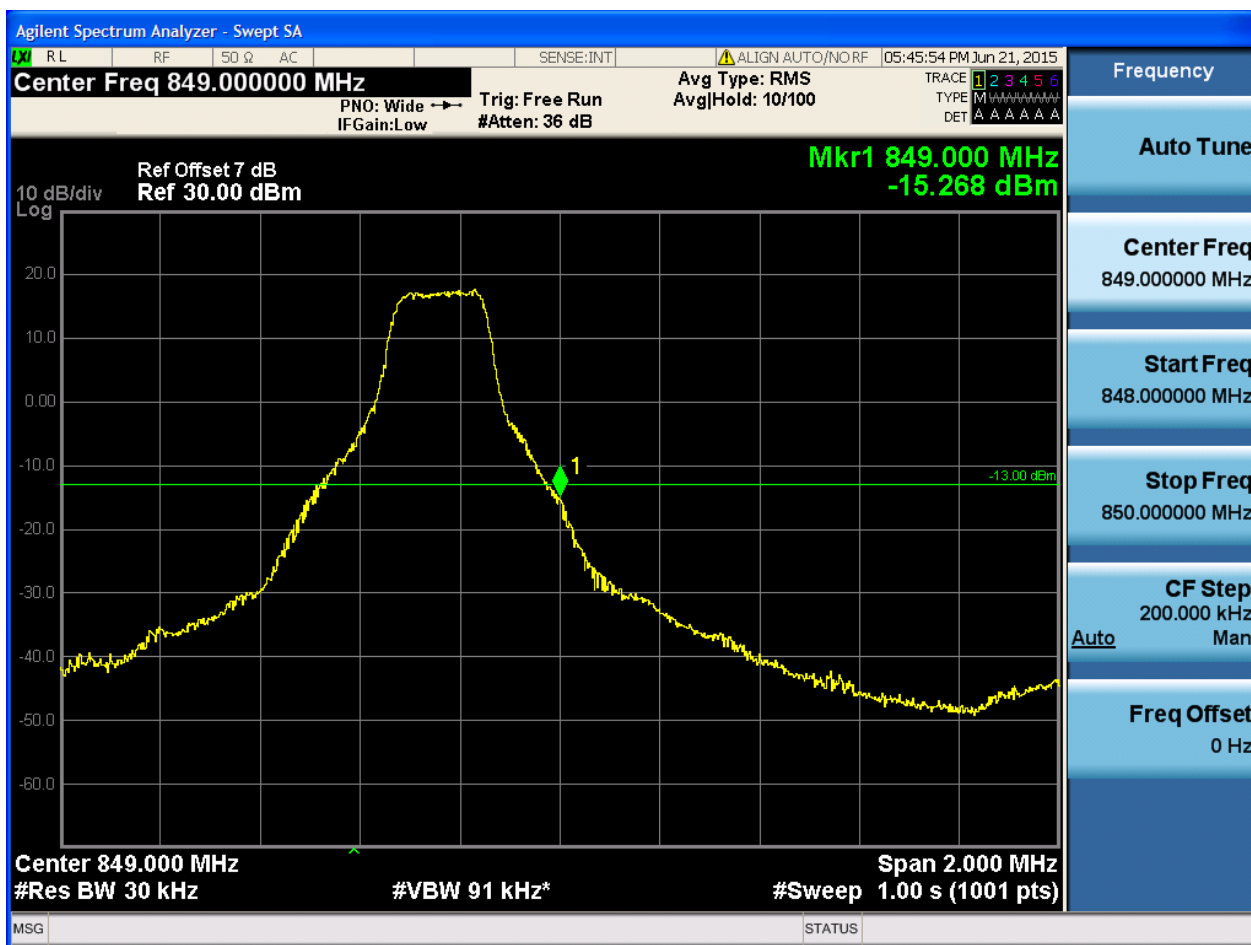
5.1.3.1.2.2 Test Channel = HCH

5.1.3.1.2.2.1 Test RB = RB1#0





5.1.3.1.2.2 Test RB = RB1#14





5.1.3.1.2.2.3 Test RB = RB8#4





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

ALIGN AUTO/NORF

05:46:27 PM Jun 21, 2015

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

Mkr1 849.000 MHz
-24.612 dBm

-13.00 dBm

1

Center 849.000 MHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

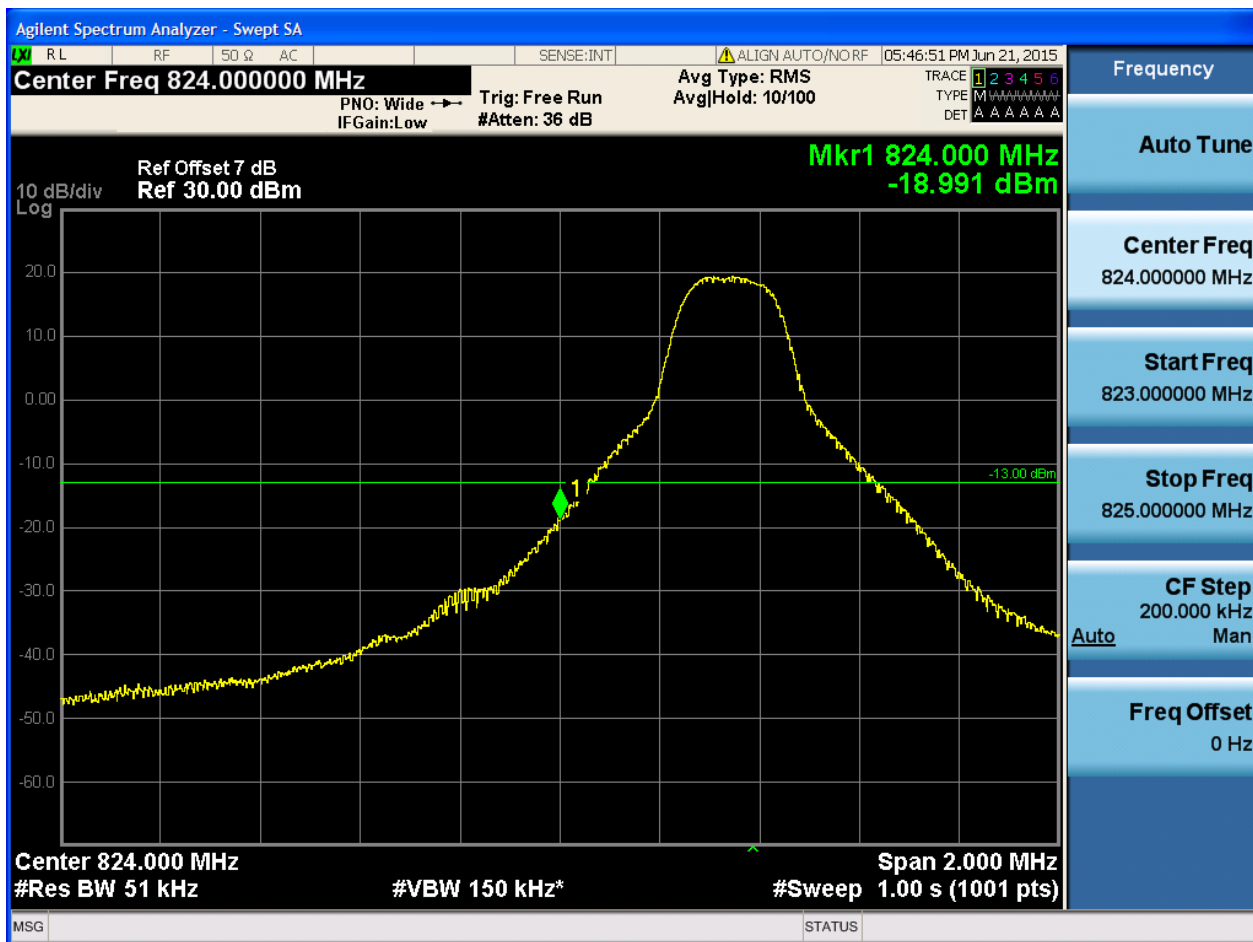
MSG STATUS



5.1.3.1.3 Test Bandwidth = 5

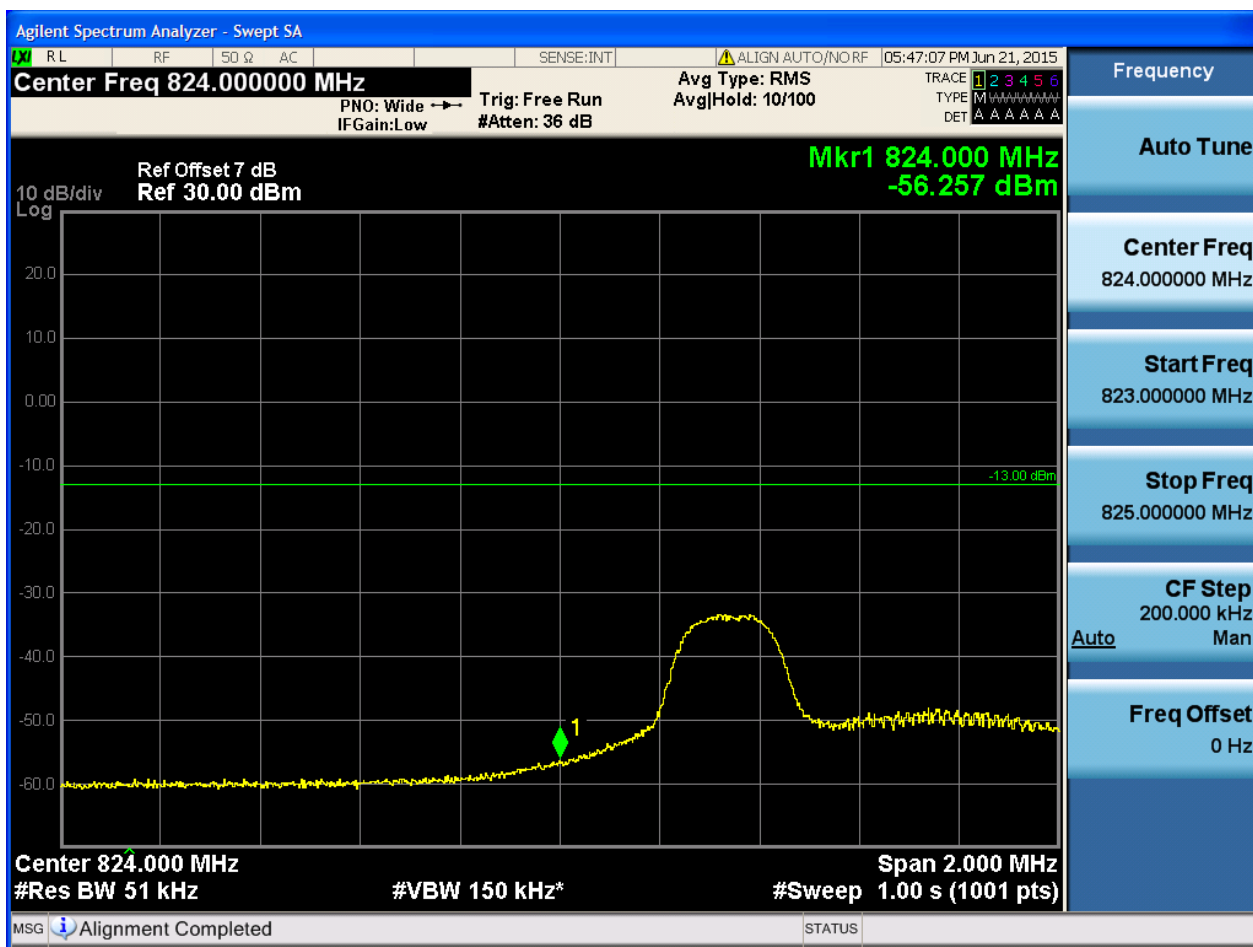
5.1.3.1.3.1 Test Channel = LCH

5.1.3.1.3.1.1 Test RB = RB1#0



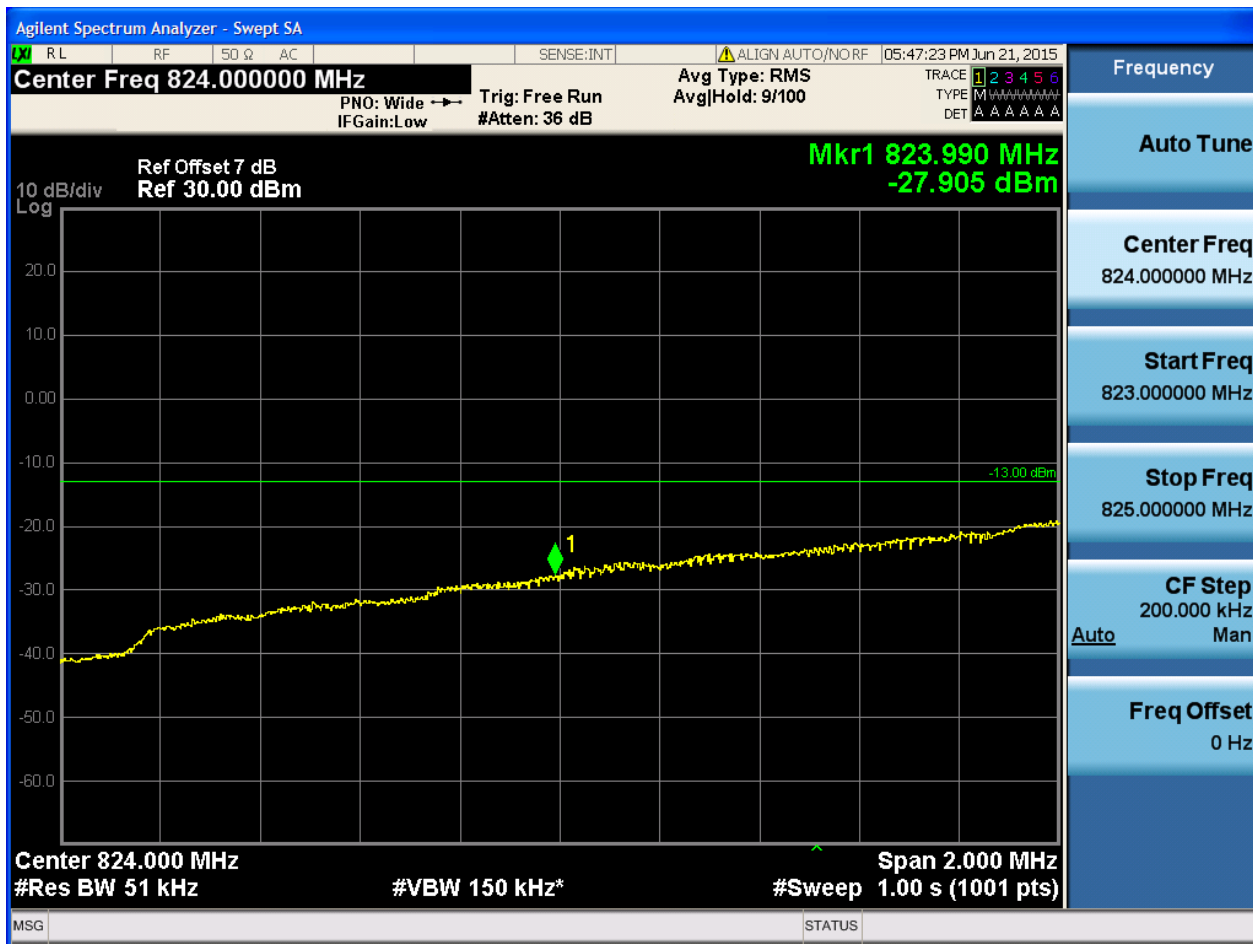


5.1.3.1.3.1.2 Test RB = RB1#24



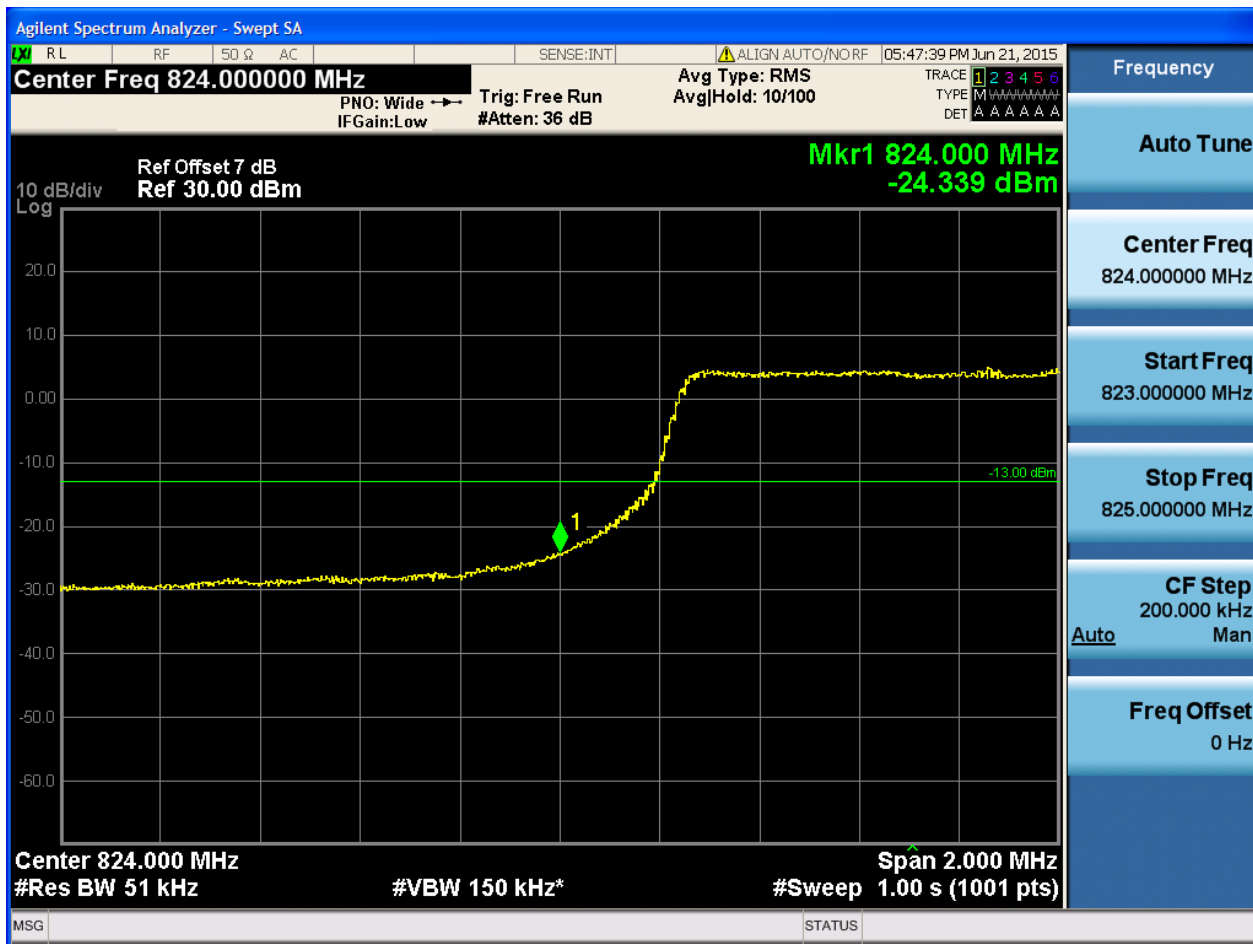


5.1.3.1.3.1.3 Test RB = RB12#6





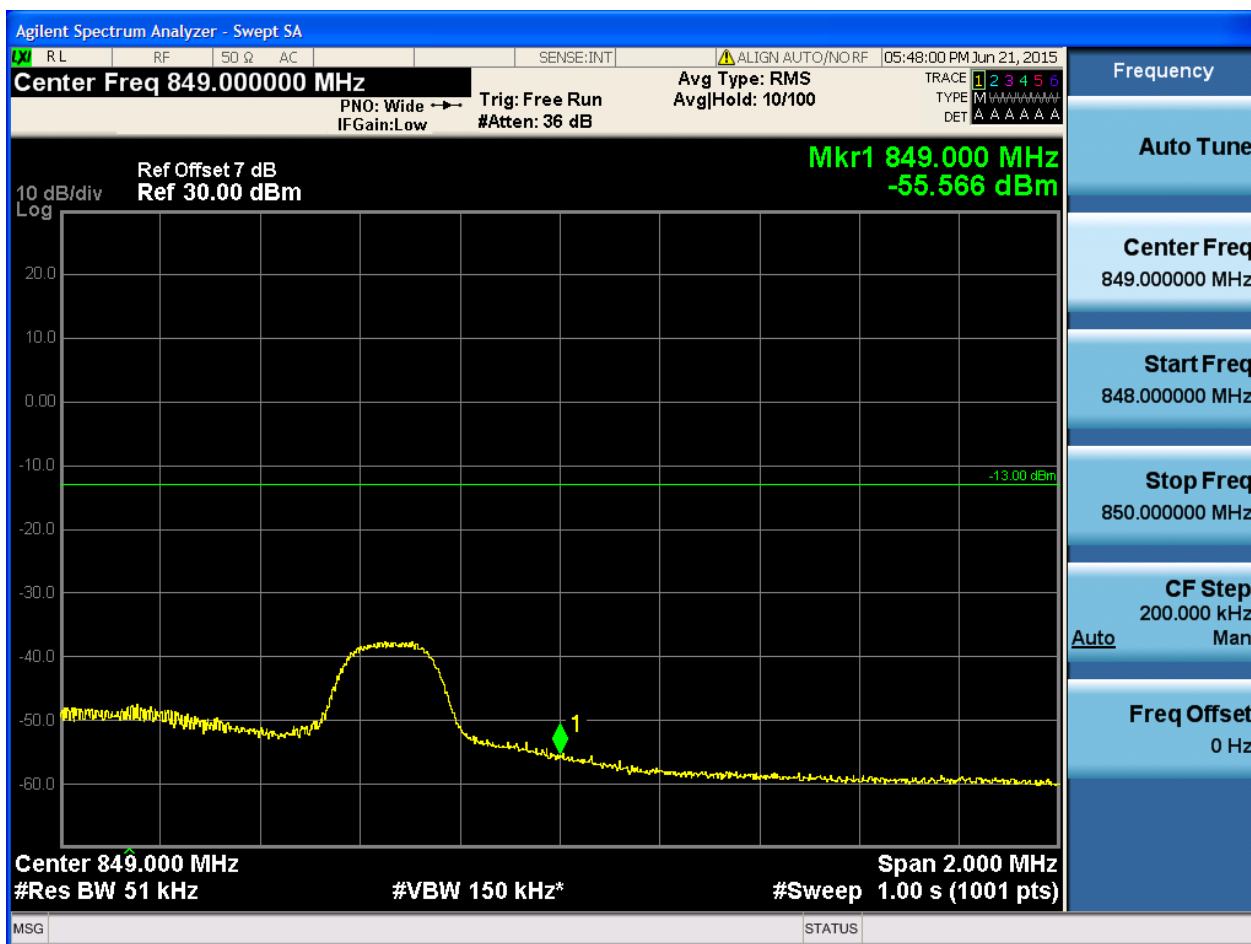
5.1.3.1.3.1.4 Test RB = RB25#0





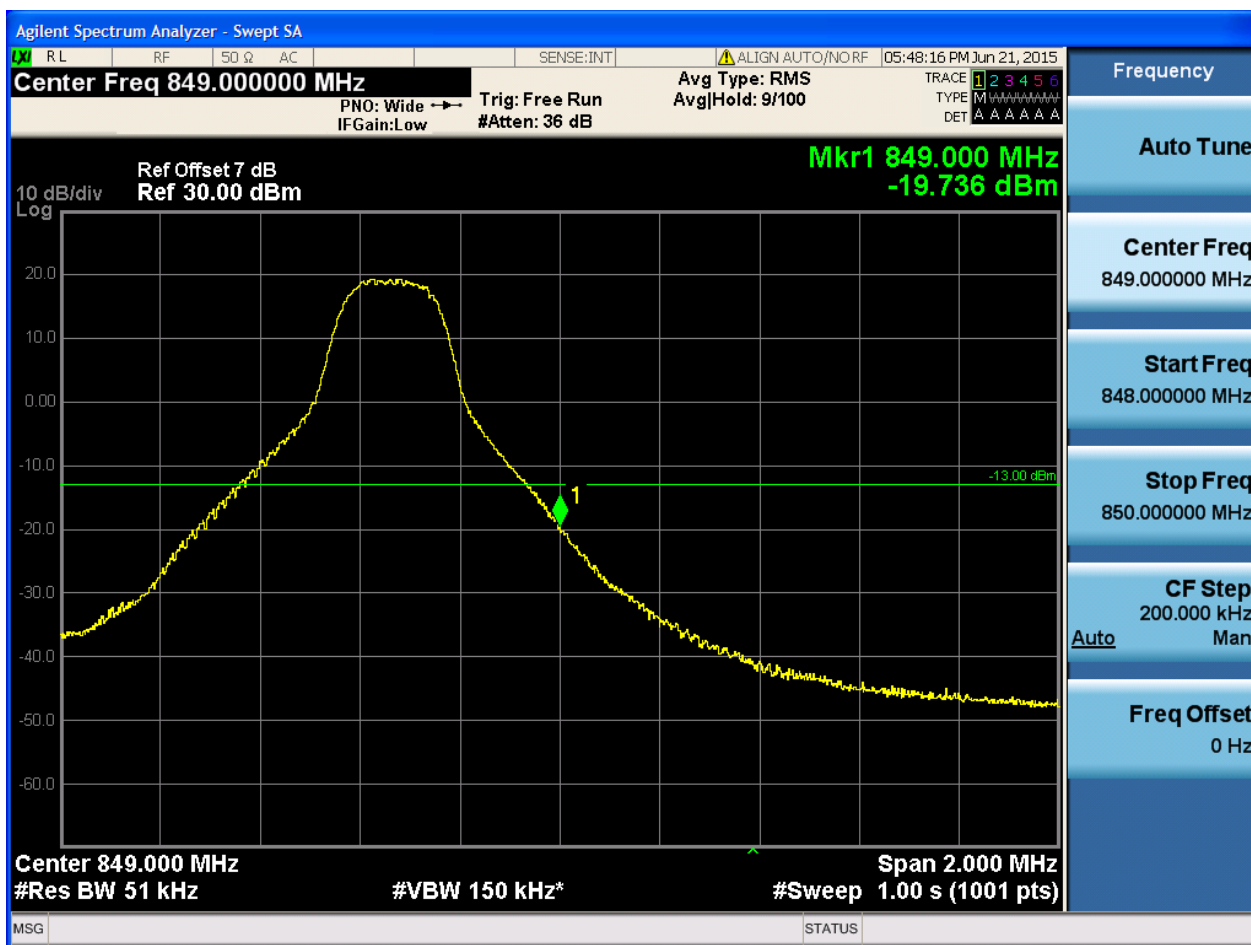
5.1.3.1.3.2 Test Channel = HCH

5.1.3.1.3.2.1 Test RB = RB1#0





5.1.3.1.3.2.2 Test RB = RB1#24





5.1.3.1.3.2.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.010 MHz
-24.585 dBm

Trig: Free Run
#Atten: 36 dB

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

#Res BW 51 kHz
#VBW 150 kHz*

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

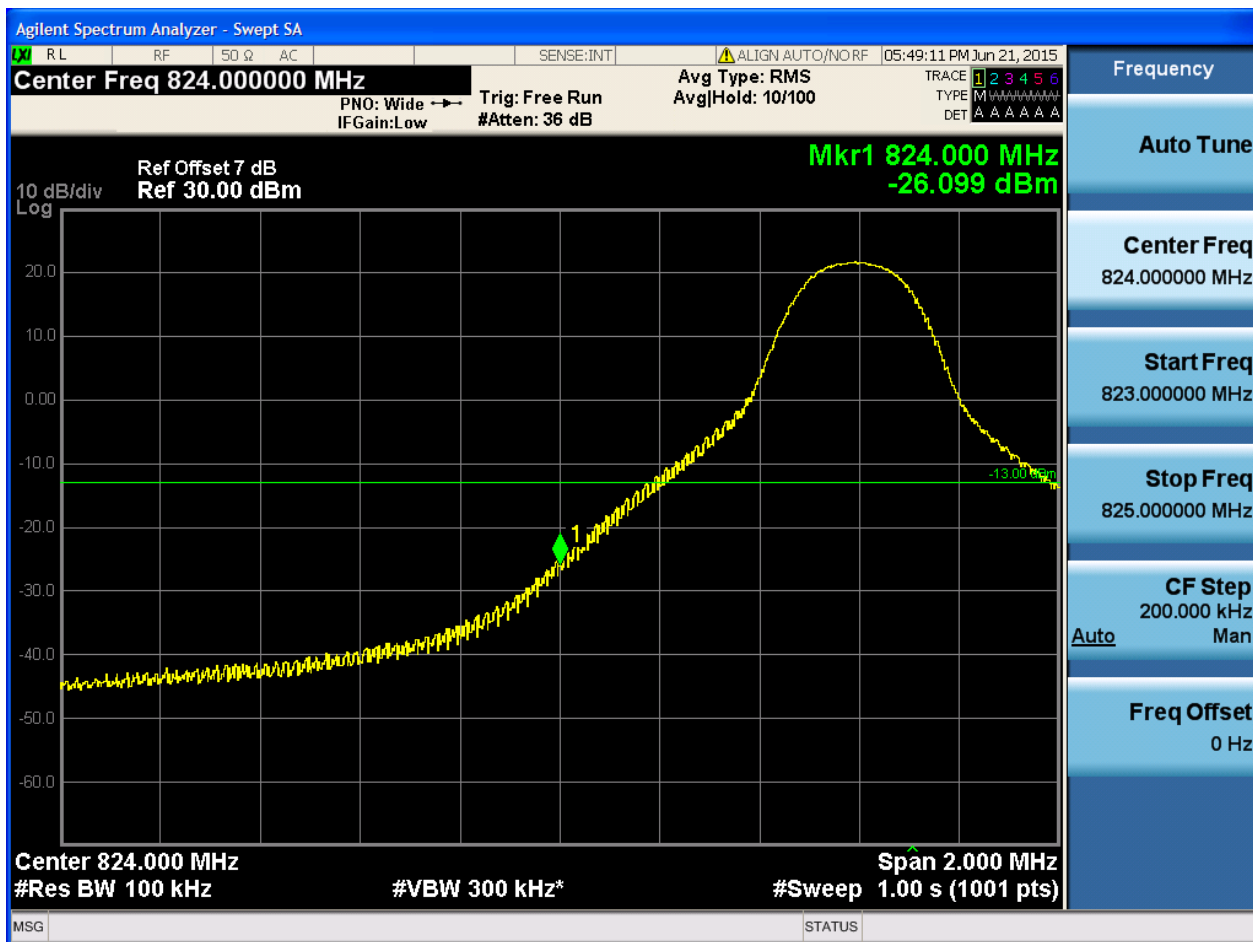
The image shows a screenshot of an Agilent Spectrum Analyzer in swept mode. The main display is a log-frequency plot with a yellow trace. The trace starts at approximately 0 dBm at 848 MHz, then drops sharply to about -30 dBm by 849 MHz, and remains relatively flat until 850 MHz. A green horizontal line is drawn at -13.00 dBm. A yellow marker labeled '1' is placed on the trace at 849.010 MHz, indicating a power level of -24.585 dBm. The plot has a grid with major lines every 10 dB on the vertical axis and every 100 kHz on the horizontal axis. The vertical axis is labeled '10 dB/div' and 'Log'. The horizontal axis is labeled 'Center 849.000 MHz' and 'Span 2.000 MHz'. The top of the screen displays various settings: 'Center Freq 849.000000 MHz', 'Ref Offset 7 dB', 'Ref 30.00 dBm', 'Trig: Free Run', '#Atten: 36 dB', 'Avg Type: RMS', 'AvalHold: 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'. The bottom of the screen displays: '#Res BW 51 kHz', '#VBW 150 kHz*', 'MSG', 'STATUS', and 'FREQ OFFSET 0 Hz'. The right side of the screen has a blue sidebar with buttons for 'Frequency', 'Auto Tune', 'Center Freq', 'Start Freq', 'Stop Freq', 'CF Step', and 'Freq Offset'.



5.1.3.1.4 Test Bandwidth = 10

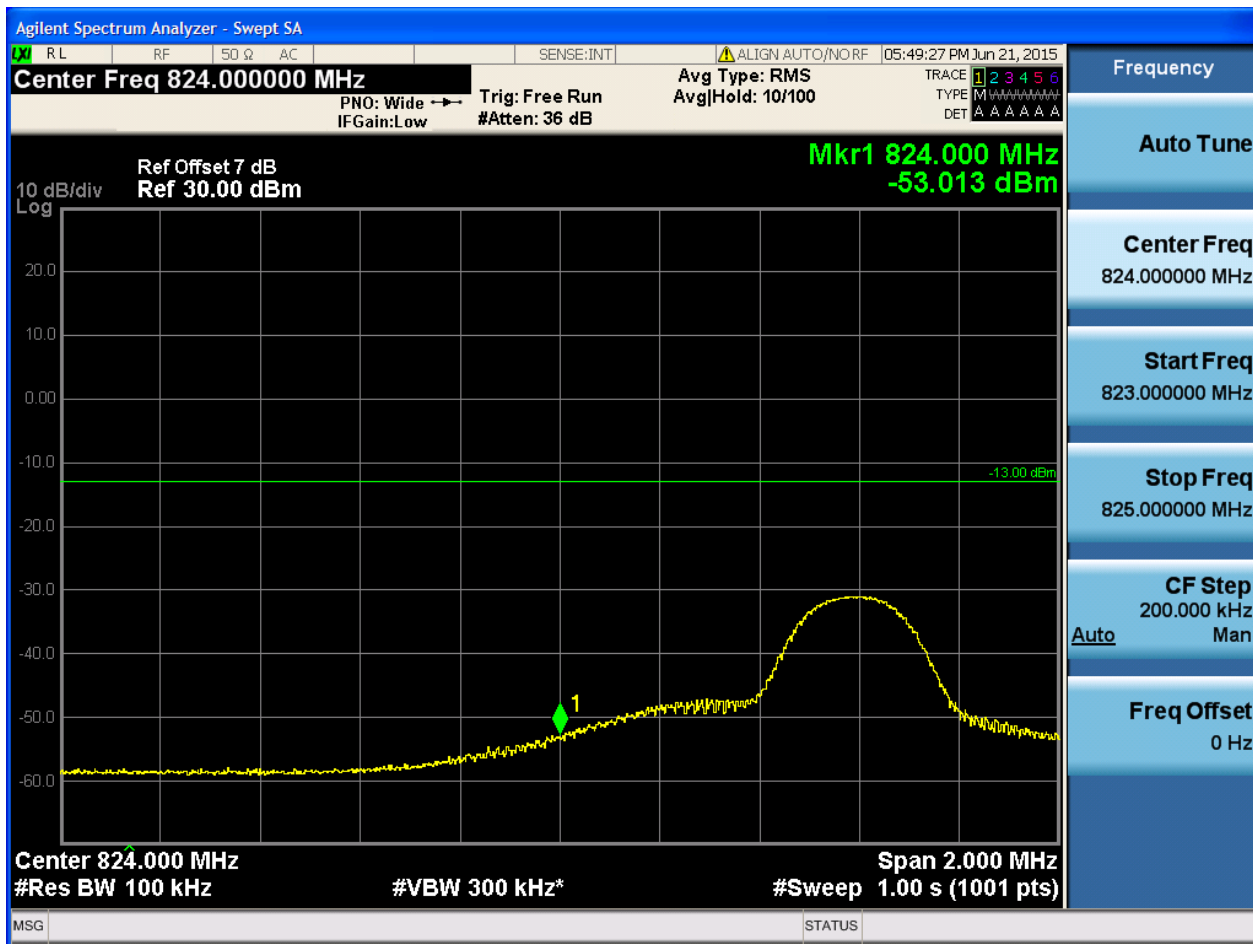
5.1.3.1.4.1 Test Channel = LCH

5.1.3.1.4.1.1 Test RB = RB1#0



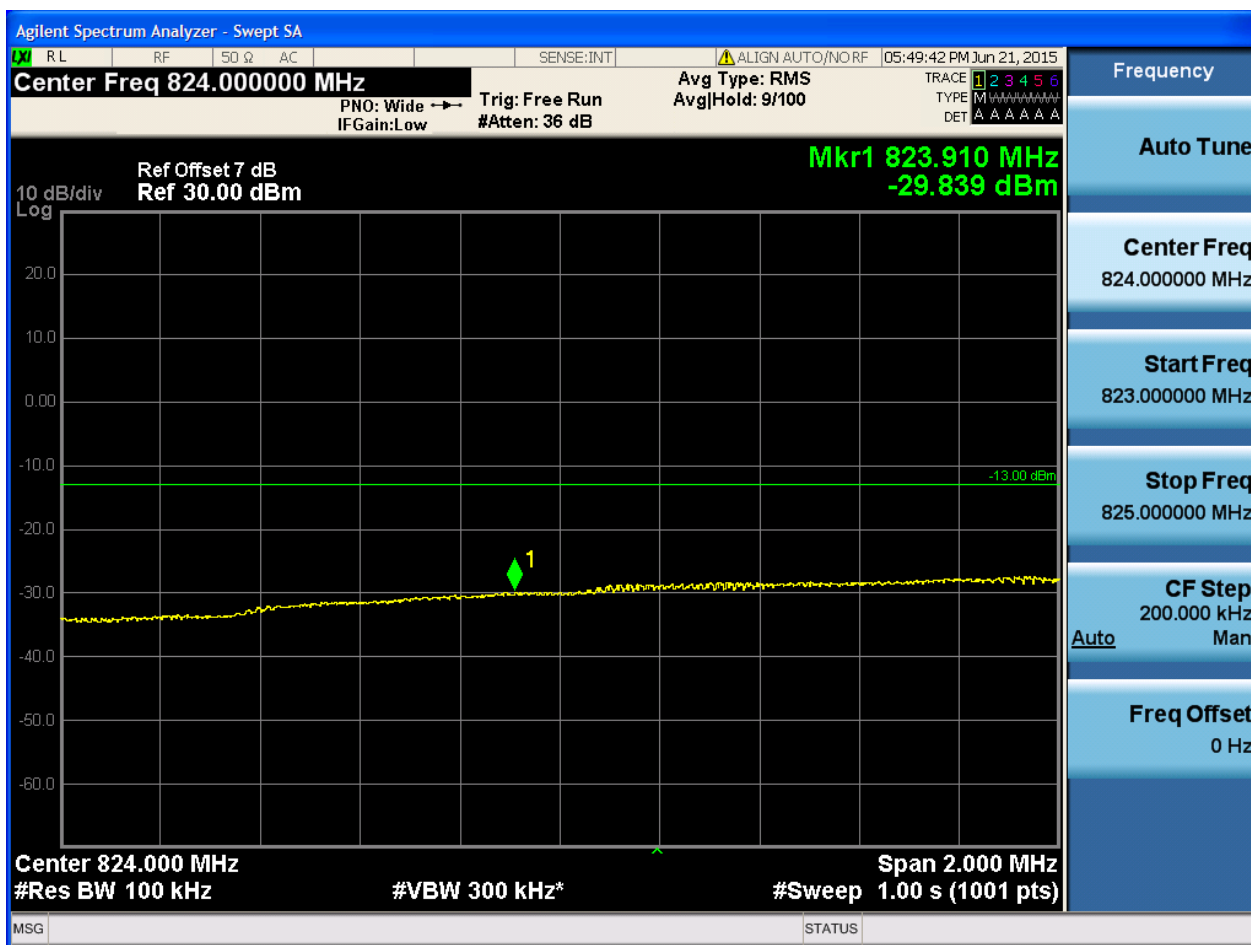


5.1.3.1.4.1.2 Test RB = RB1#49





5.1.3.1.4.1.3 Test RB = RB25#13





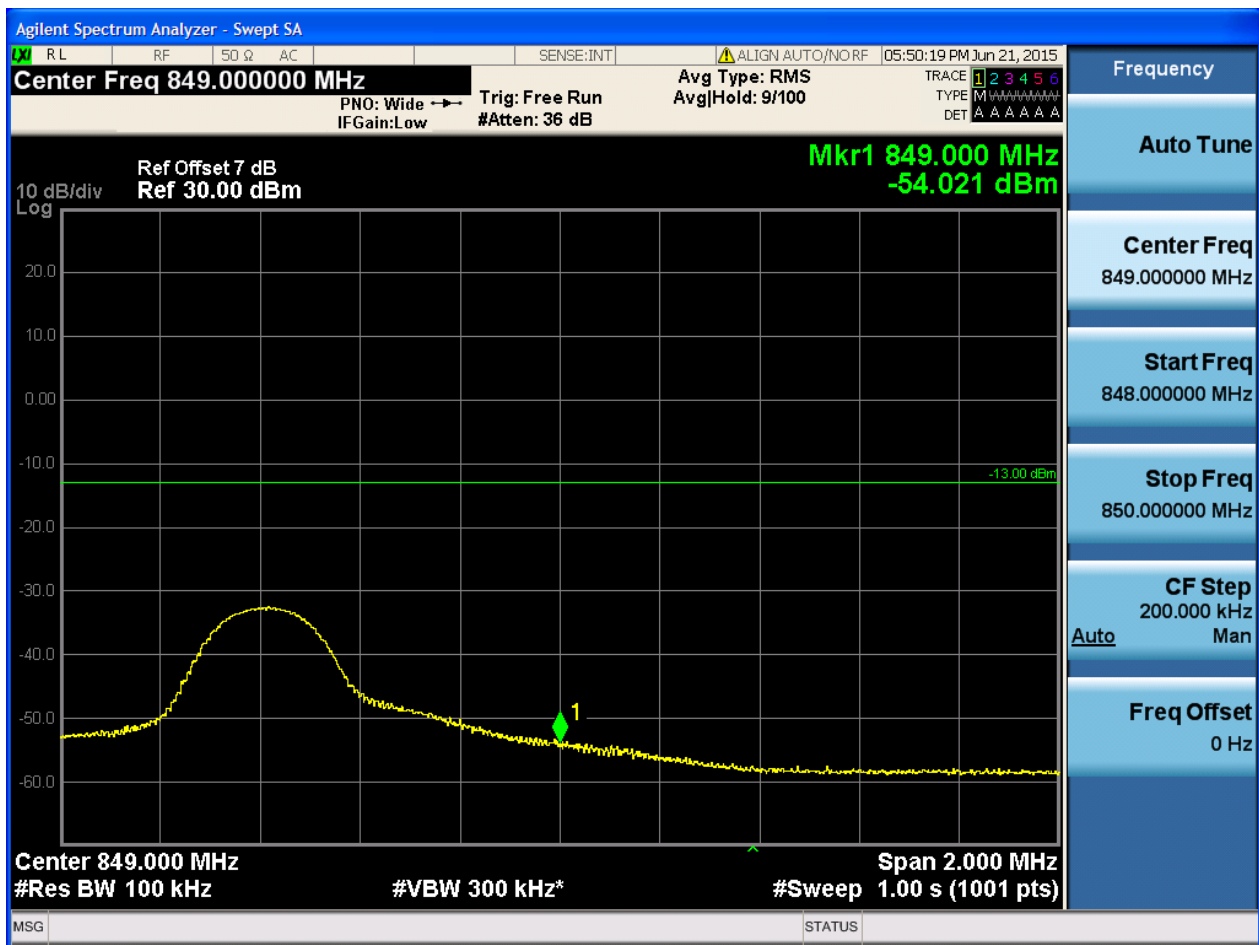
5.1.3.1.4.1.4 Test RB = RB50#0





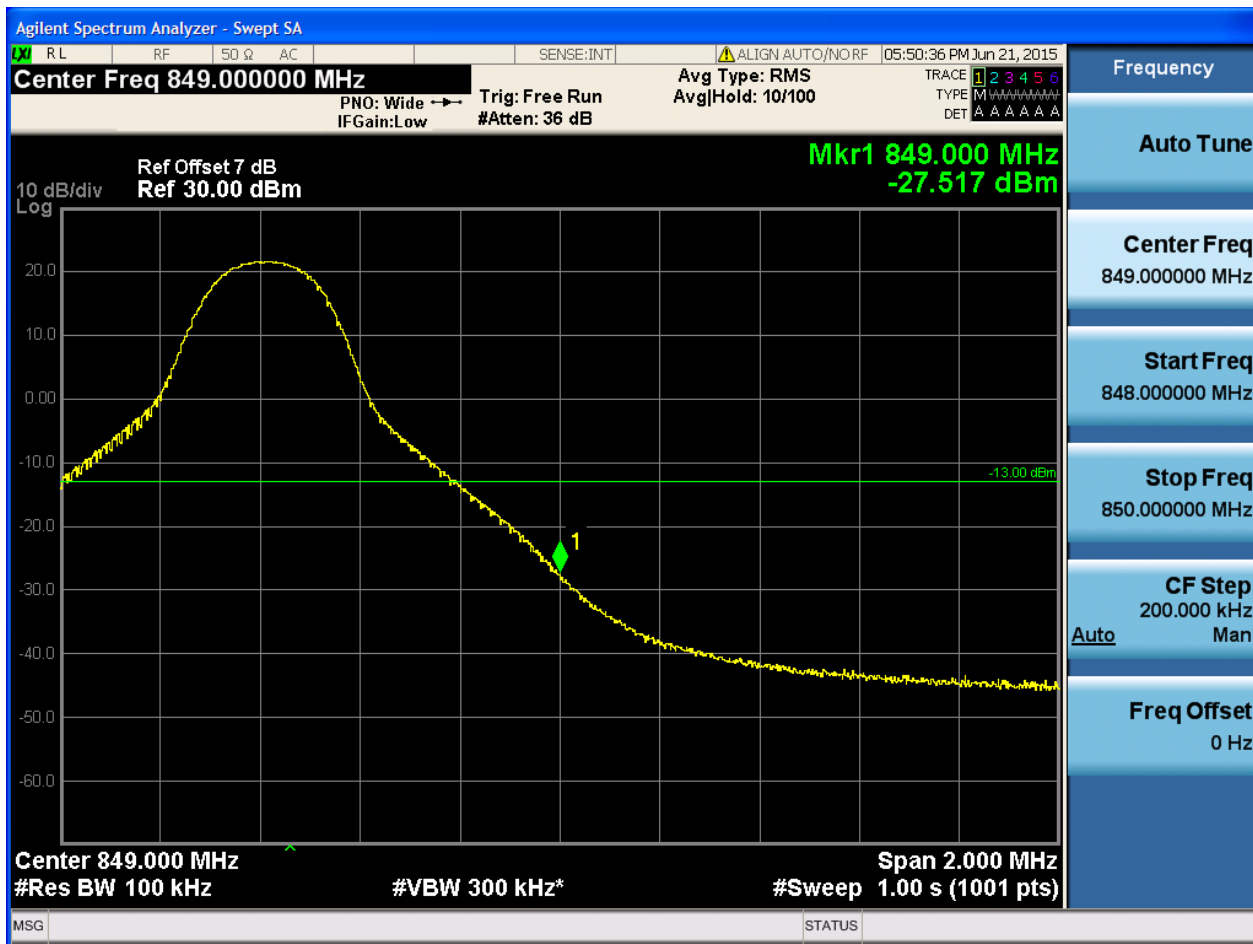
5.1.3.1.4.2 Test Channel = HCH

5.1.3.1.4.2.1 Test RB = RB1#0





5.1.3.1.4.2.2 Test RB = RB1#49





5.1.3.1.4.2.3 Test RB = RB25#13





5.1.3.1.4.2.4 Test RB = RB50#0



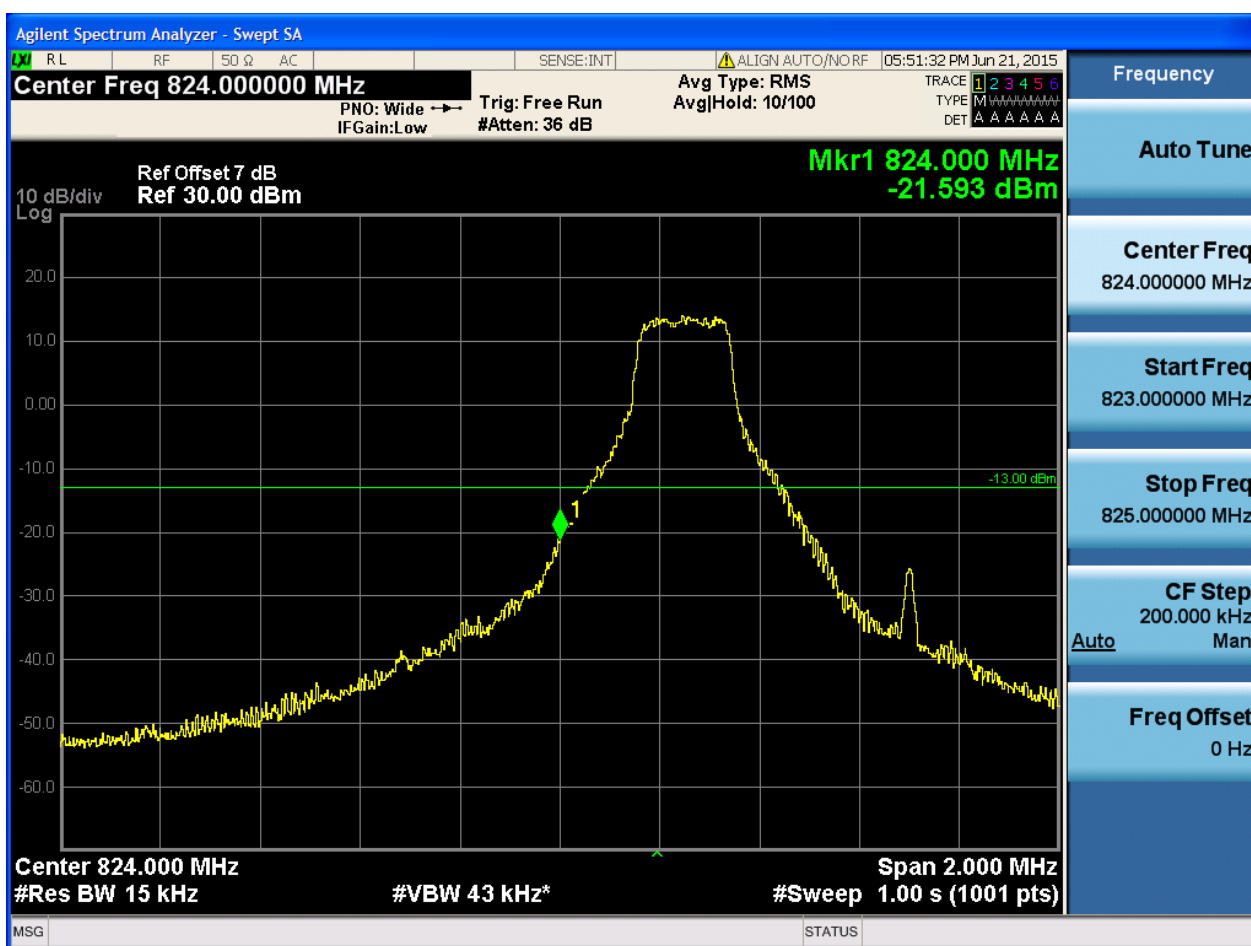


5.1.3.2 Test Mode = LTE/TM2

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





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

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

Avg Type: RMS
AvgHold: 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

ALIGN AUTO/NORF 05:51:48 PM Jun 21, 2015

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 823.290 MHz
-51.128 dBm

-13.00 dBm

Center 824.000 MHz
#Res BW 15 kHz

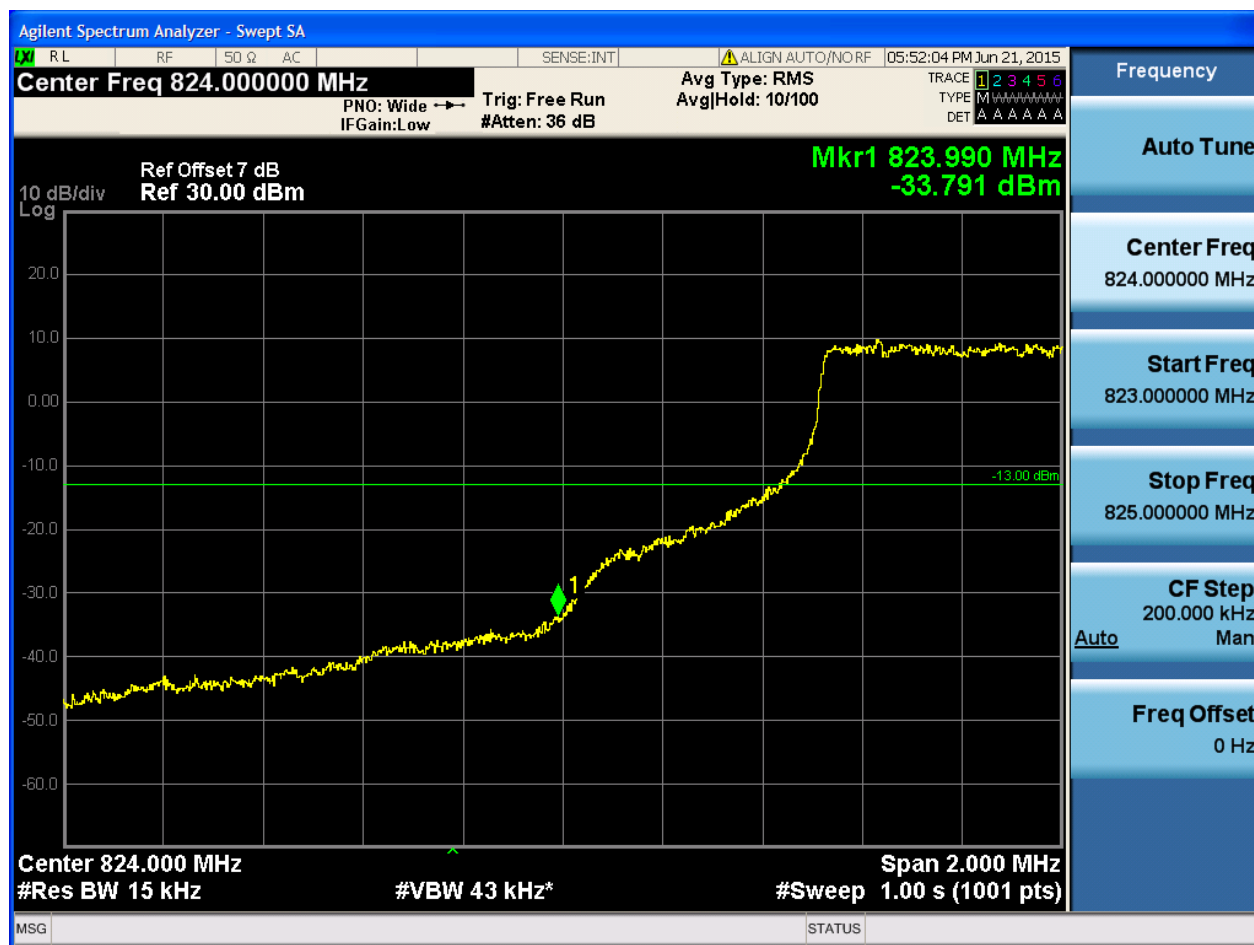
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS



5.1.3.2.1.1.3 Test RB = RB3#2





5.1.3.2.1.1.4 Test RB = RB6#0





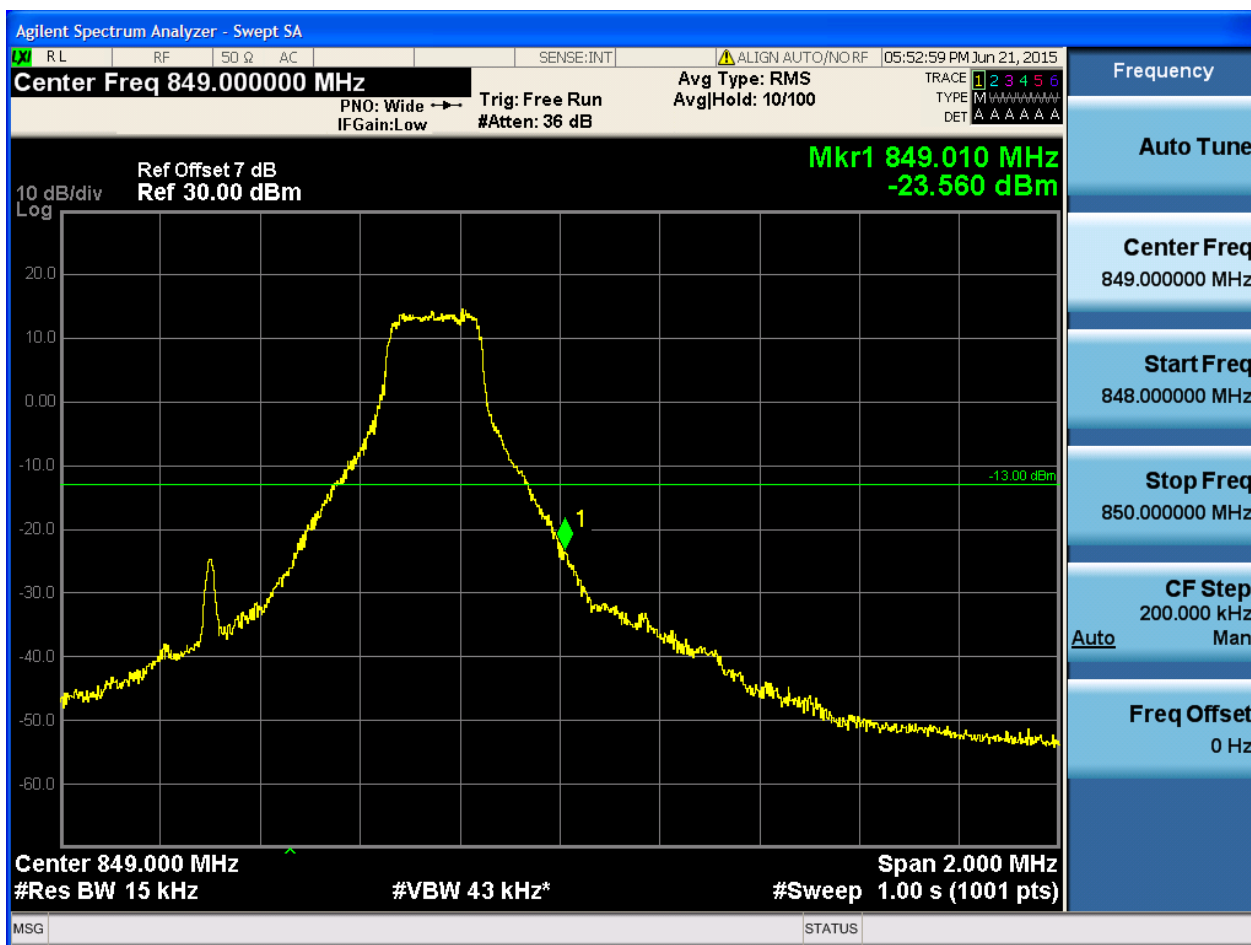
5.1.3.2.1.2 Test Channel = HCH

5.1.3.2.1.2.1 Test RB = RB1#0





5.1.3.2.1.2.2 Test RB = RB1#5





5.1.3.2.1.2.3 Test RB = RB3#2





5.1.3.2.1.2.4 Test RB = RB6#0

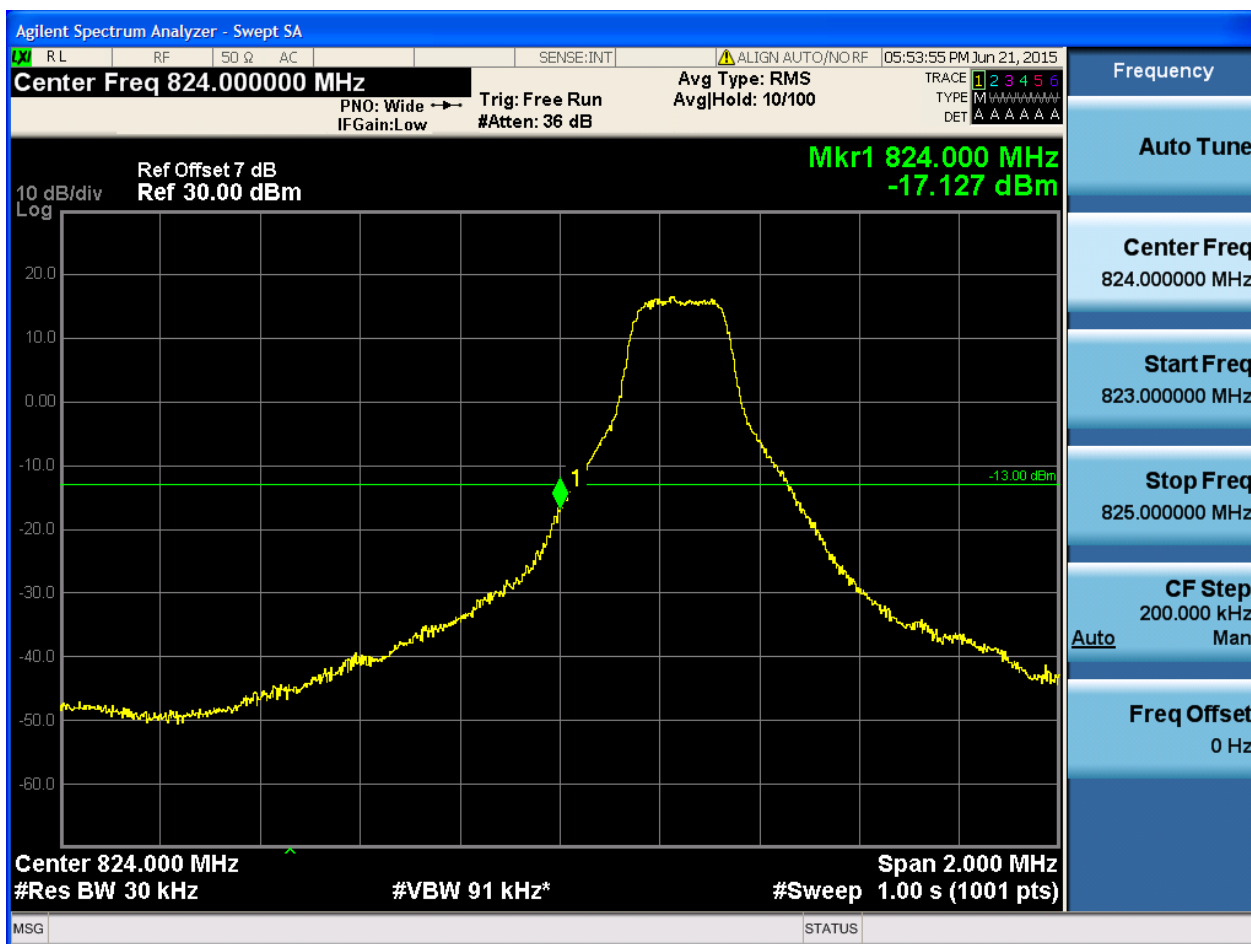




5.1.3.2.2 Test Bandwidth = 3

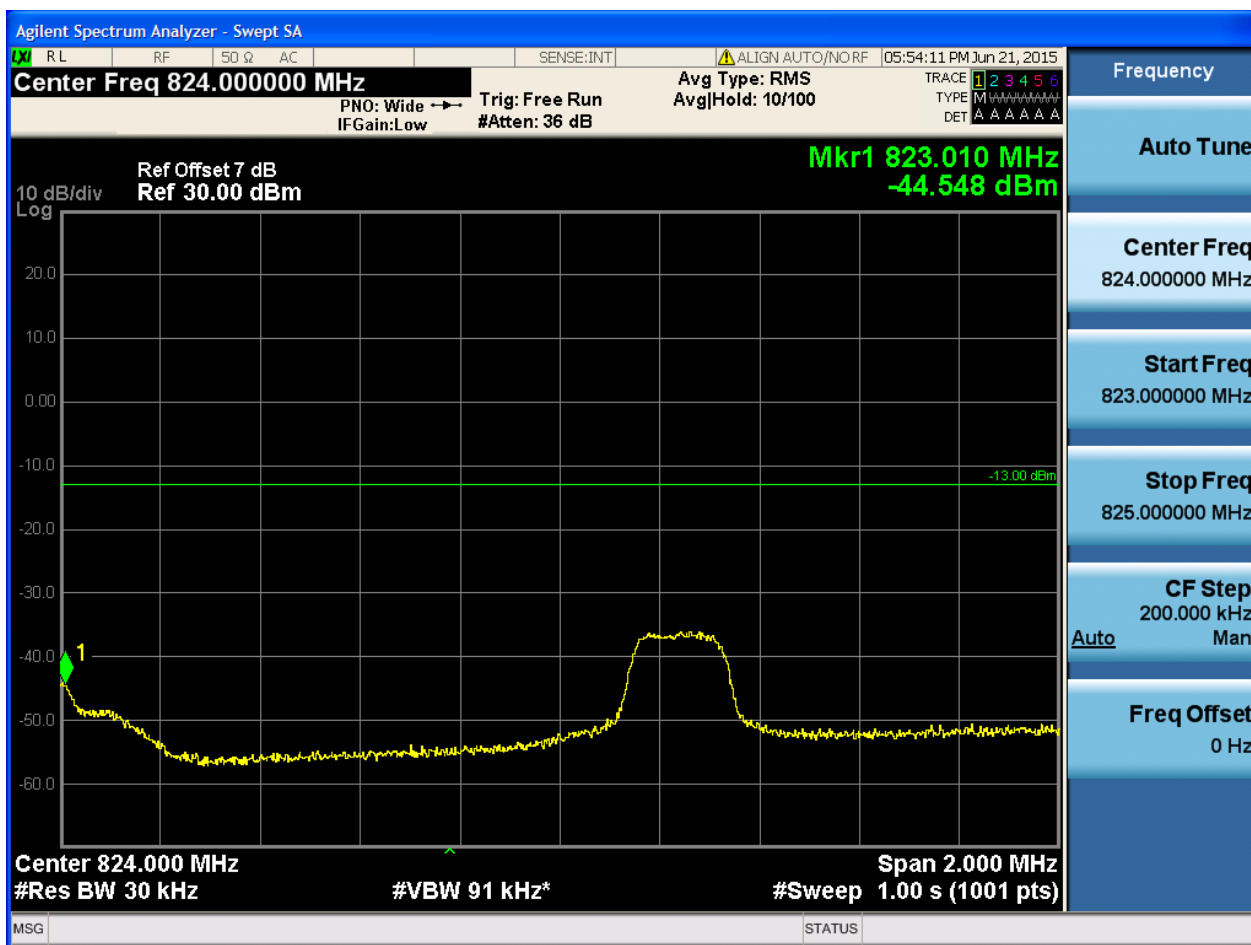
5.1.3.2.2.1 Test Channel = LCH

5.1.3.2.2.1.1 Test RB = RB1#0



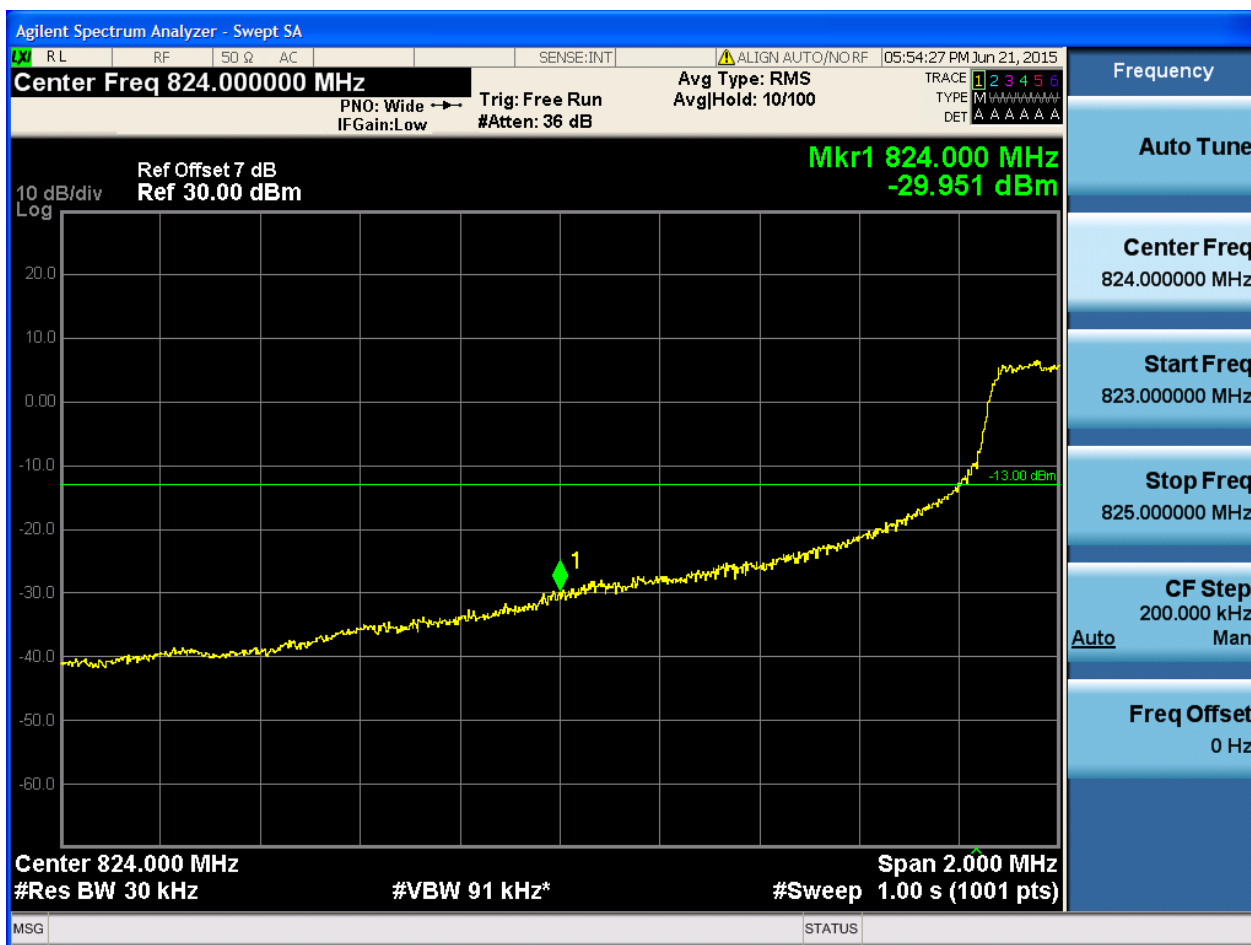


5.1.3.2.2.1.2 Test RB = RB1#14



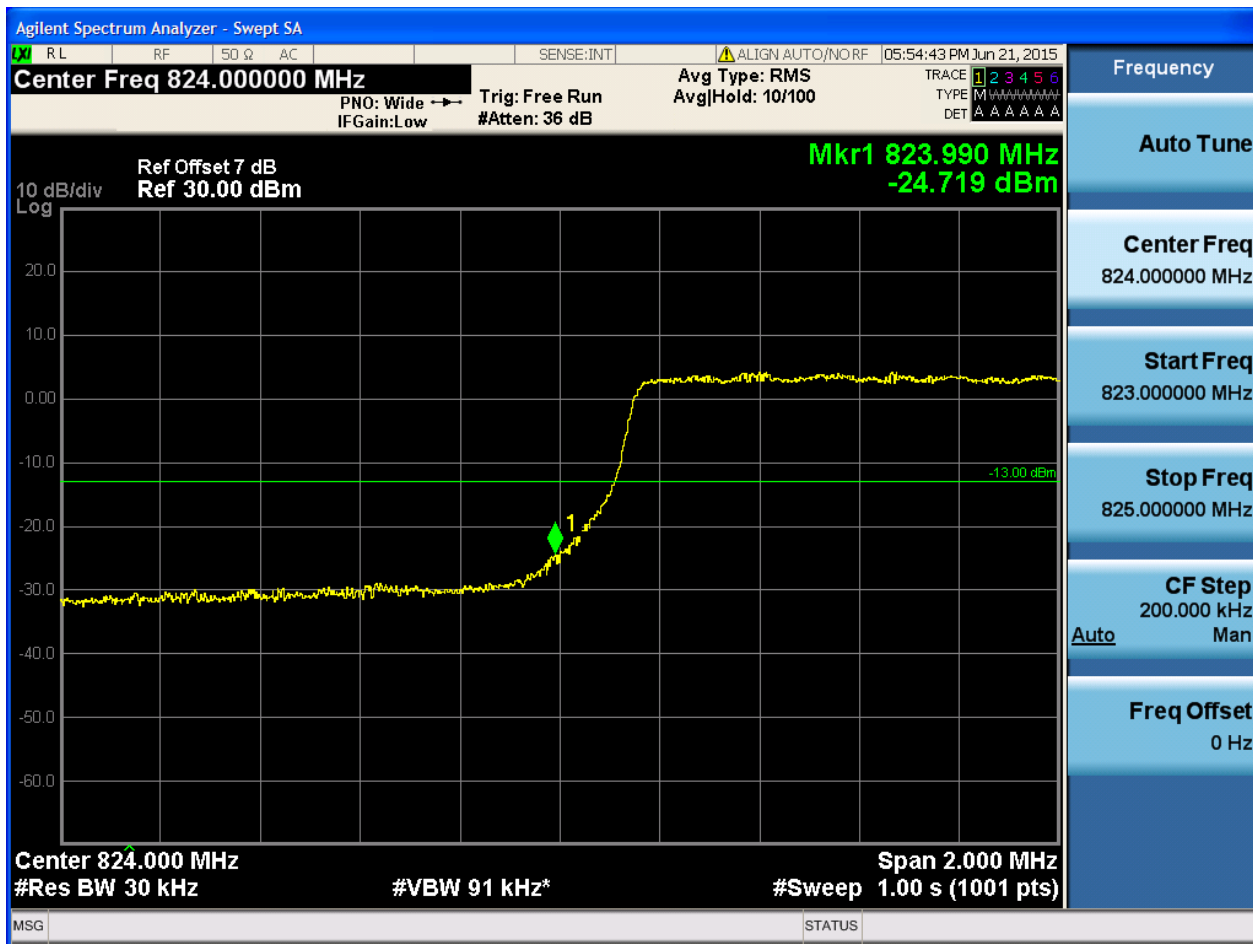


5.1.3.2.2.1.3 Test RB = RB8#4





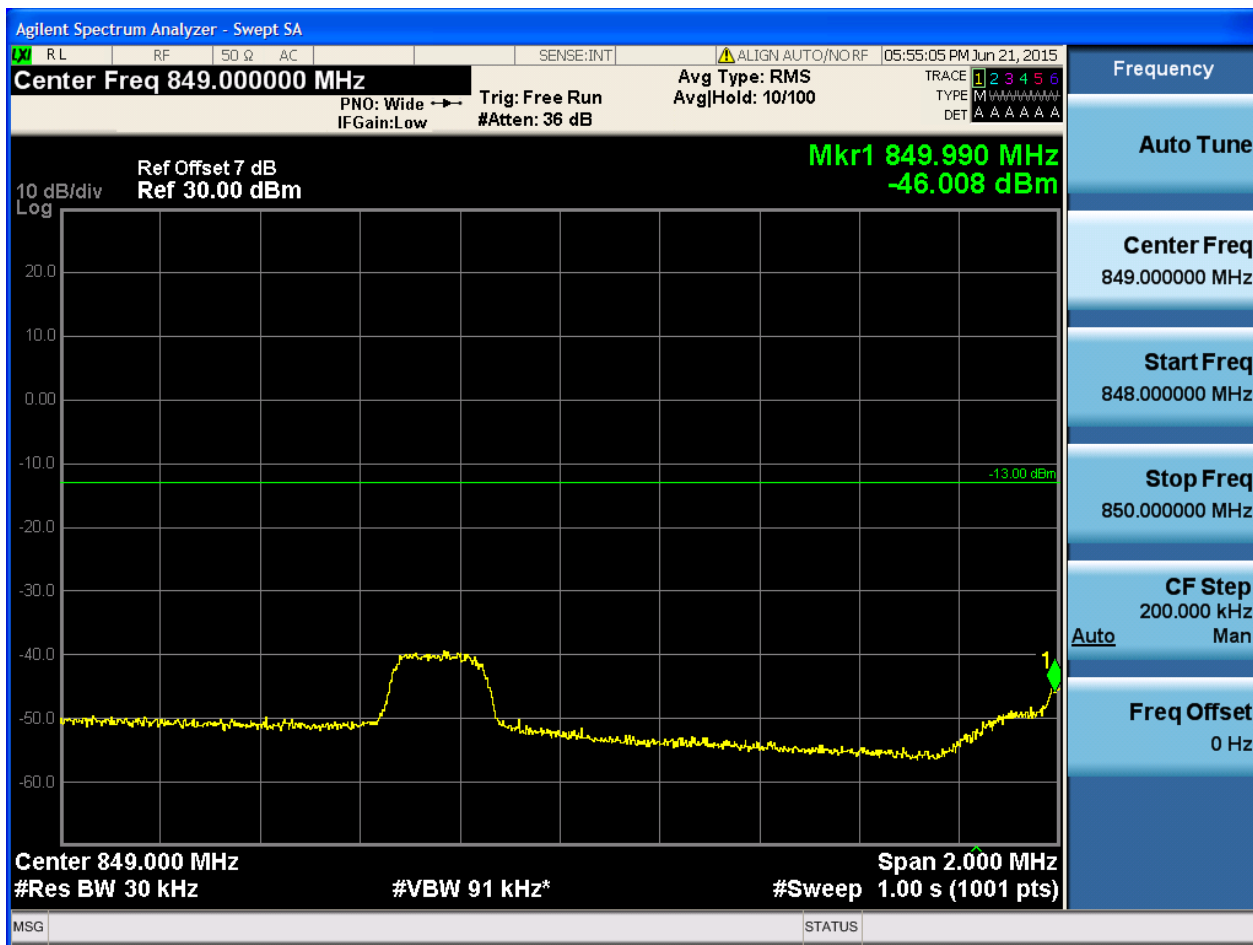
5.1.3.2.2.1.4 Test RB = RB15#0





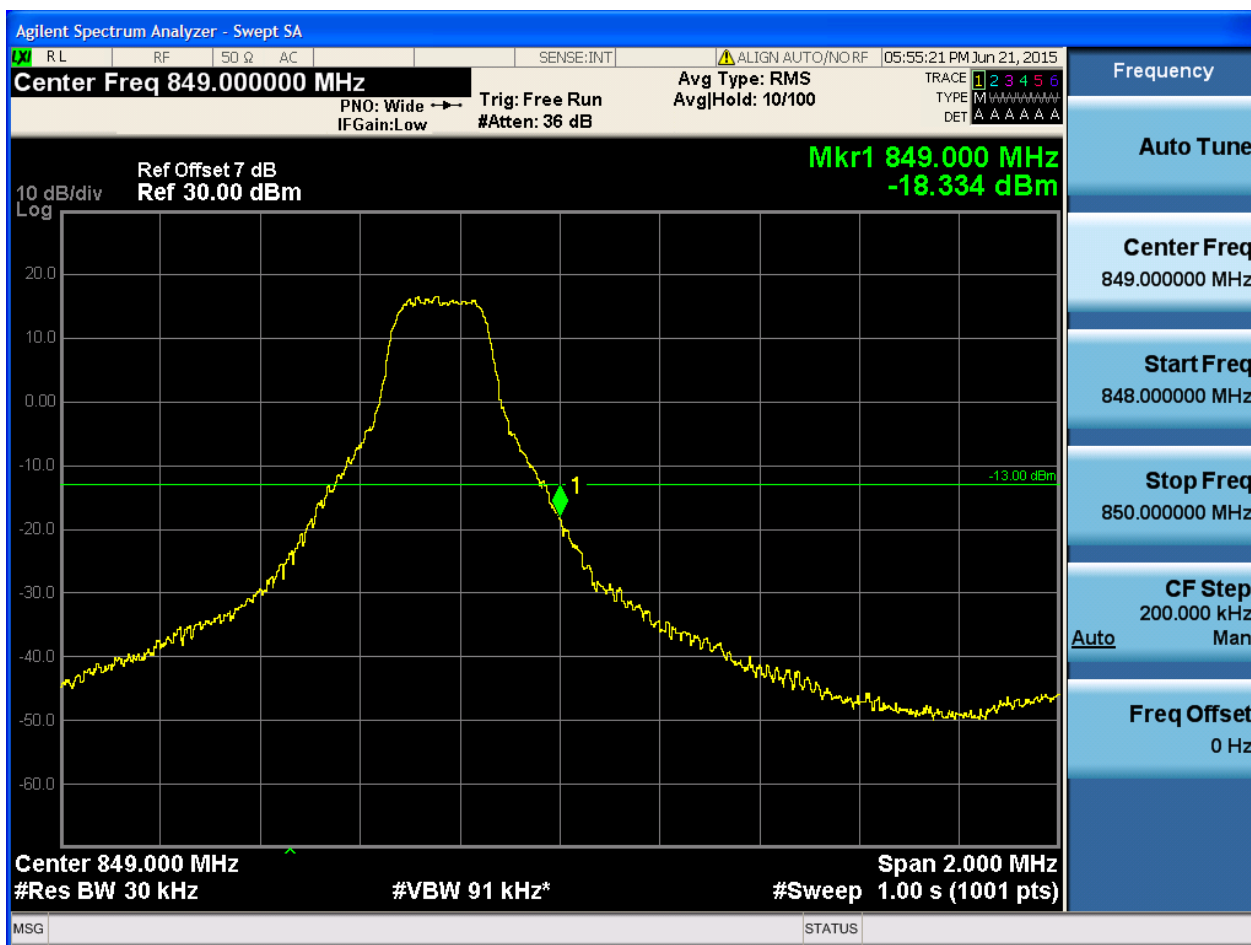
5.1.3.2.2.2 Test Channel = HCH

5.1.3.2.2.2.1 Test RB = RB1#0





5.1.3.2.2.2 Test RB = RB1#14



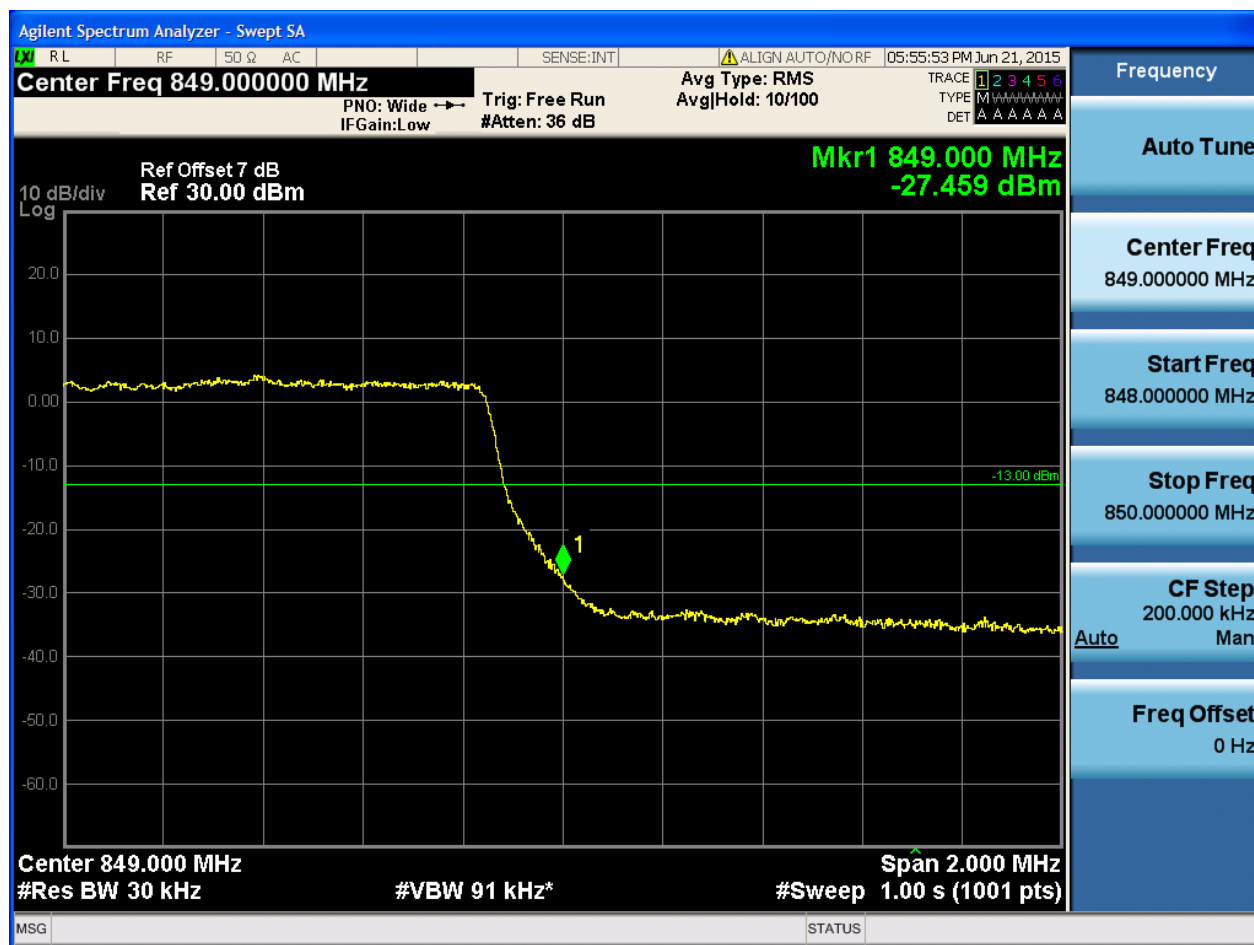


5.1.3.2.2.3 Test RB = RB8#4





5.1.3.2.2.4 Test RB = RB15#0

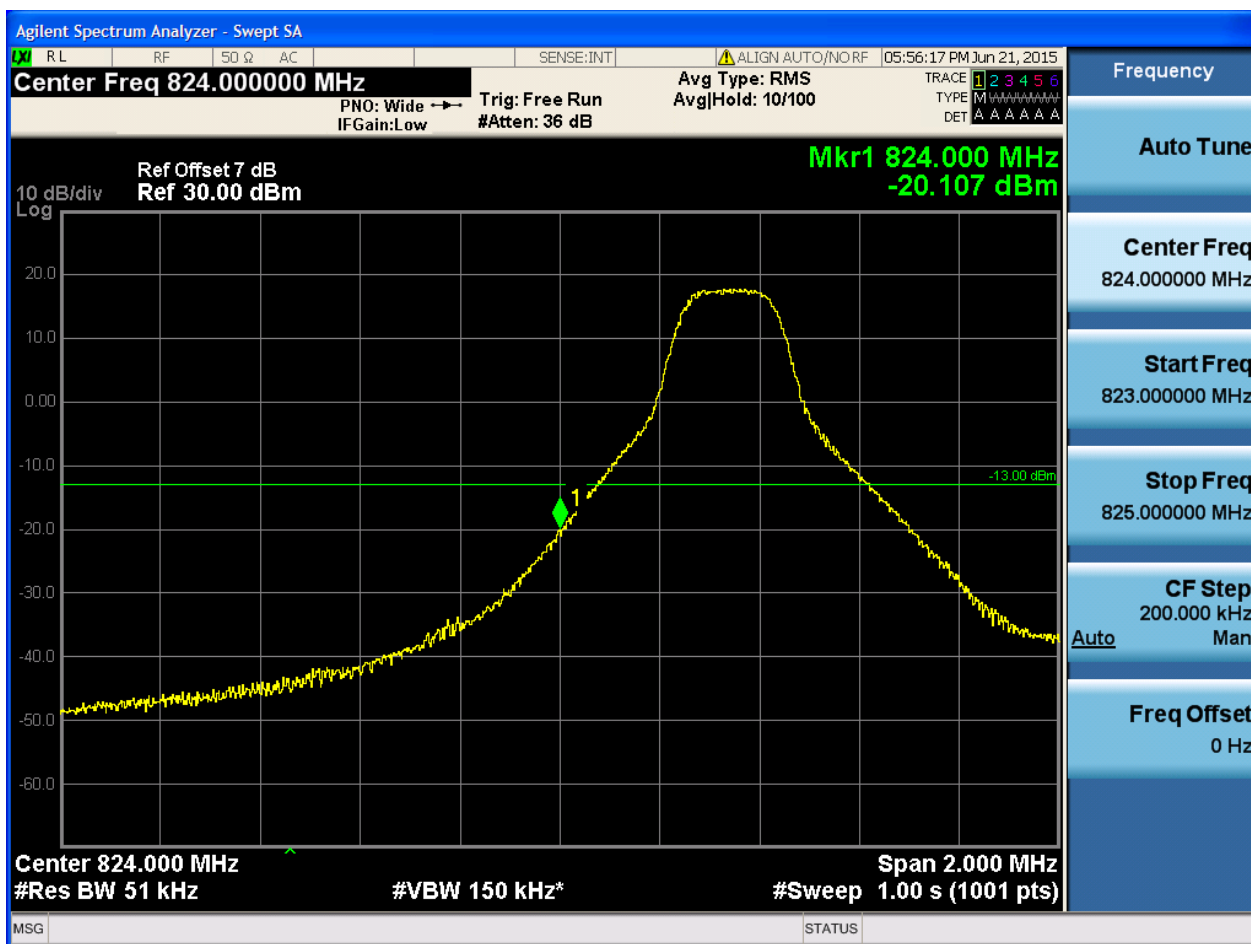




5.1.3.2.3 Test Bandwidth = 5

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

Center Freq 824.000000 MHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-56.065 dBm

Center 824.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

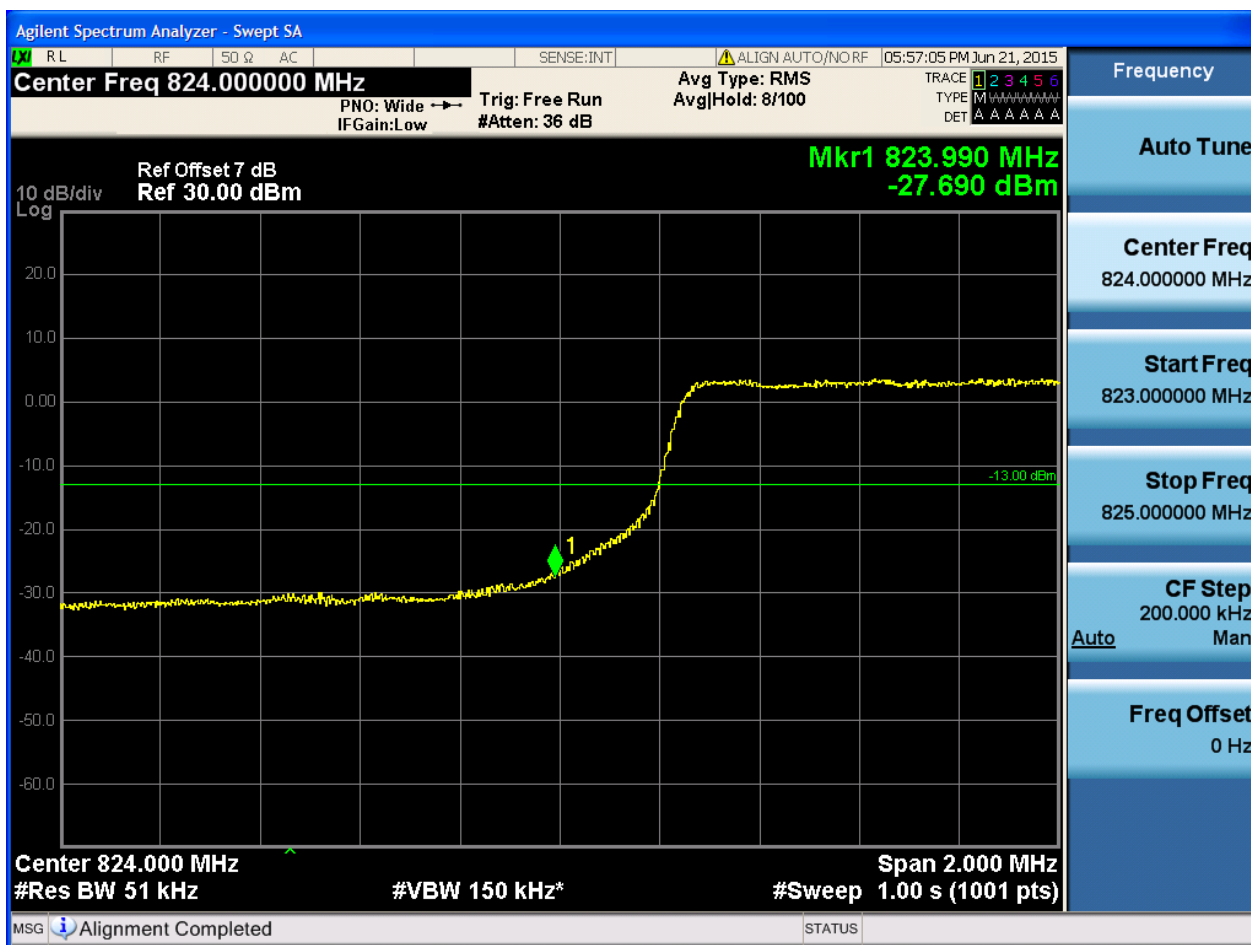


5.1.3.2.3.1.3 Test RB = RB12#6





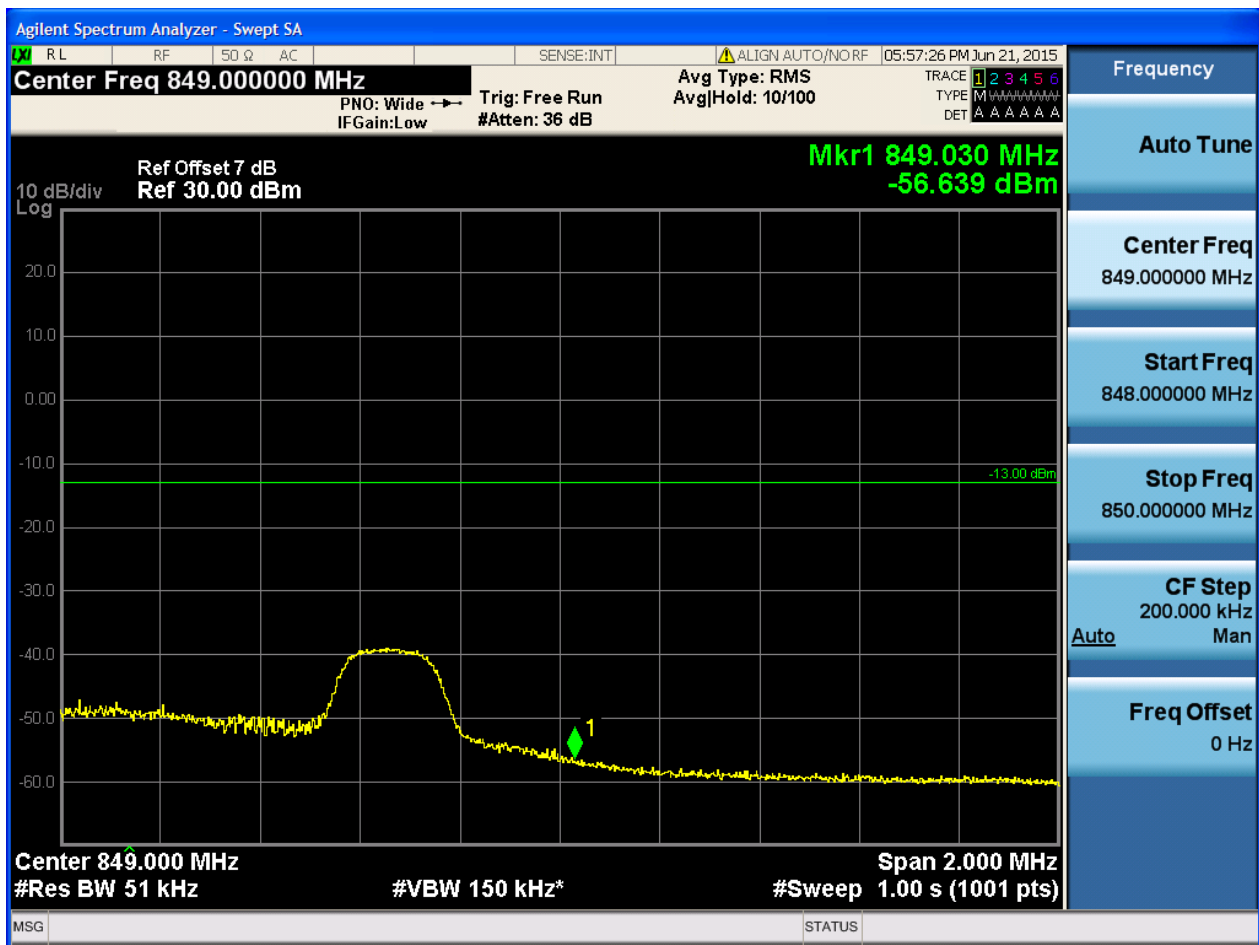
5.1.3.2.3.1.4 Test RB = RB25#0





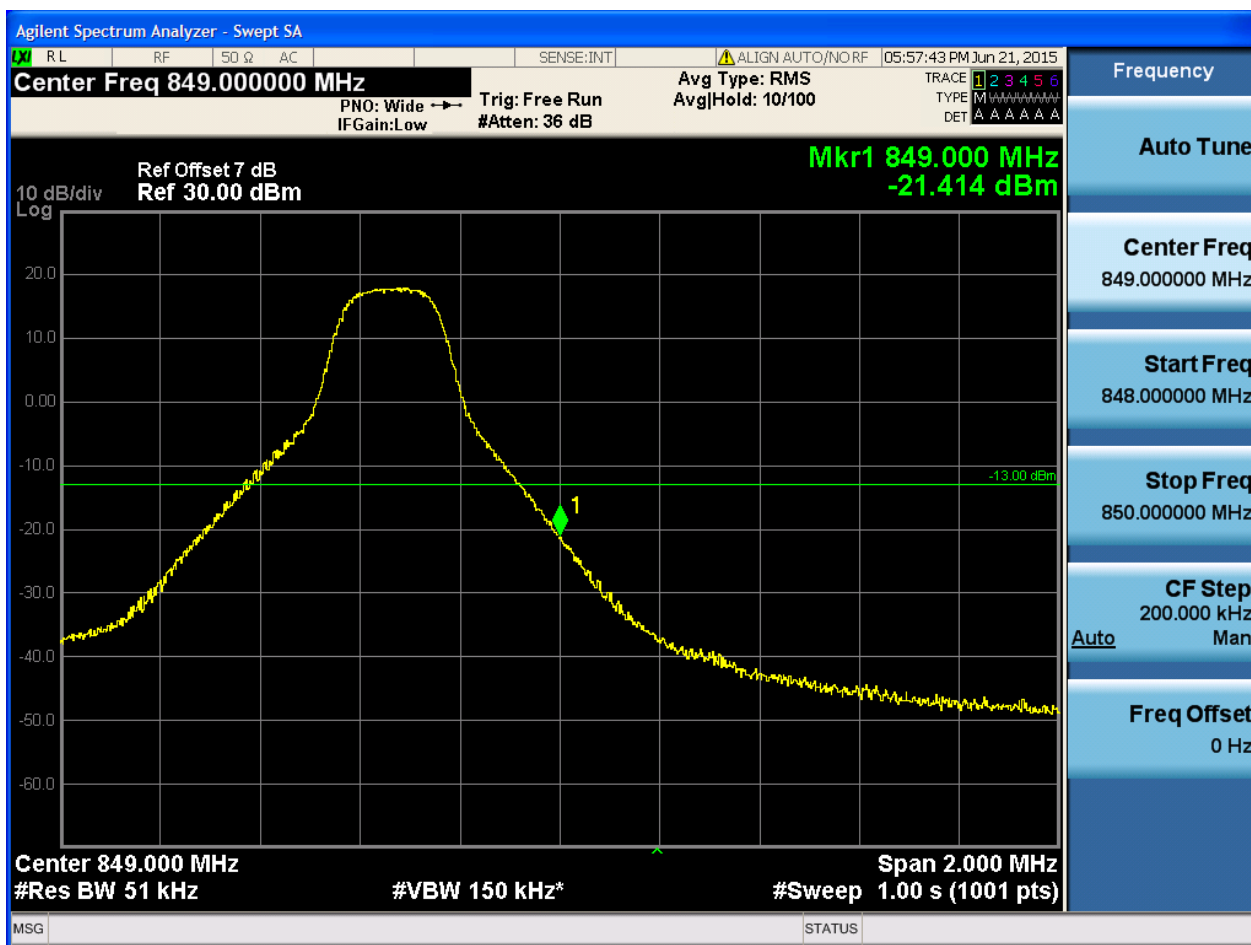
5.1.3.2.3.2 Test Channel = HCH

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





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7 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 849.000 MHz
-26.334 dBm

-13.00 dBm

1

Center 849.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

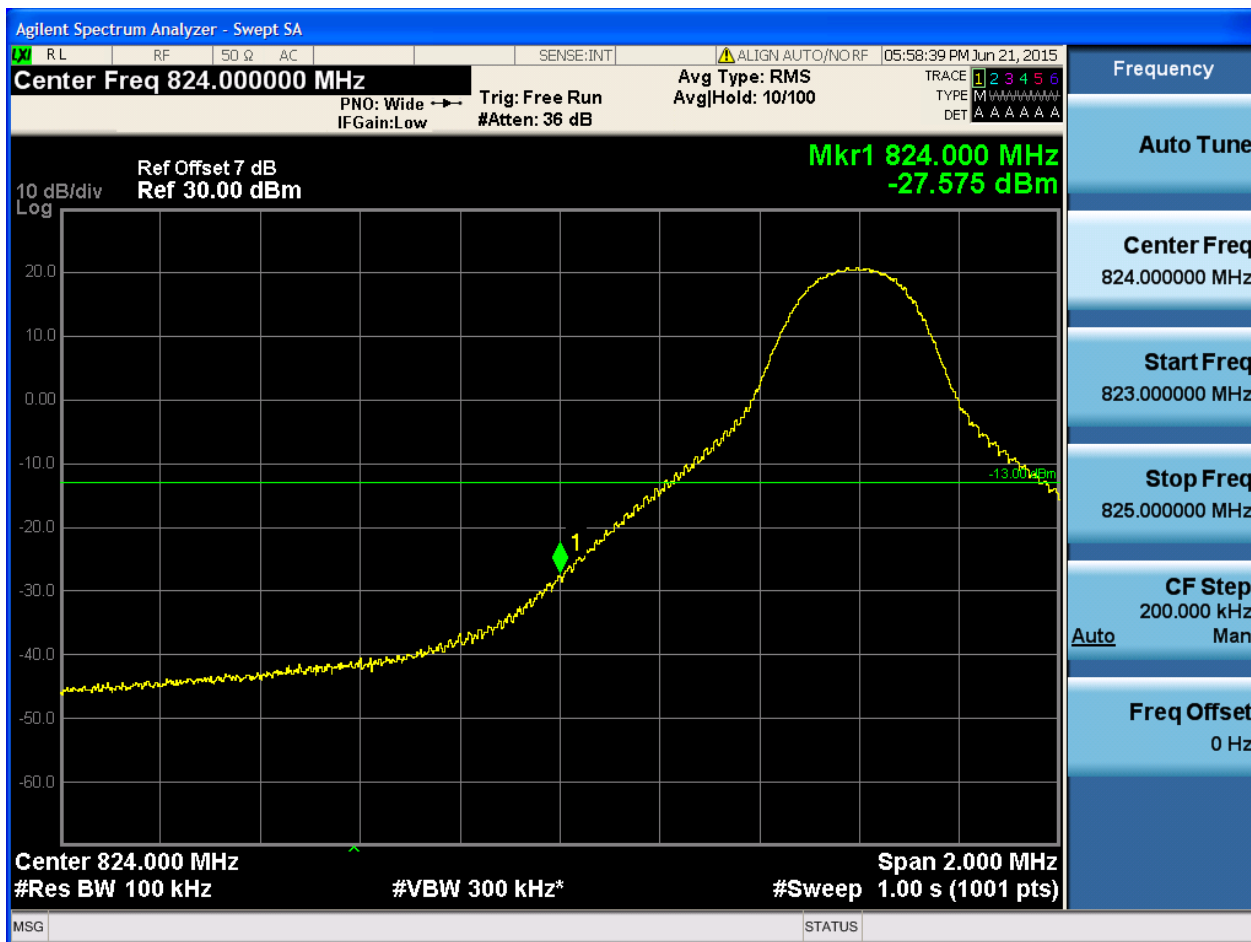
MSG STATUS



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

