

Agilent Spectrum Analyzer - Swept SA

Center Freq 1.710000000 GHz

Ref Offset 7.3 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.709 990 GHz
-32.706 dBm

Center 1.710000 GHz
#Res BW 100 kHz
#VBW 300 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
1.710000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

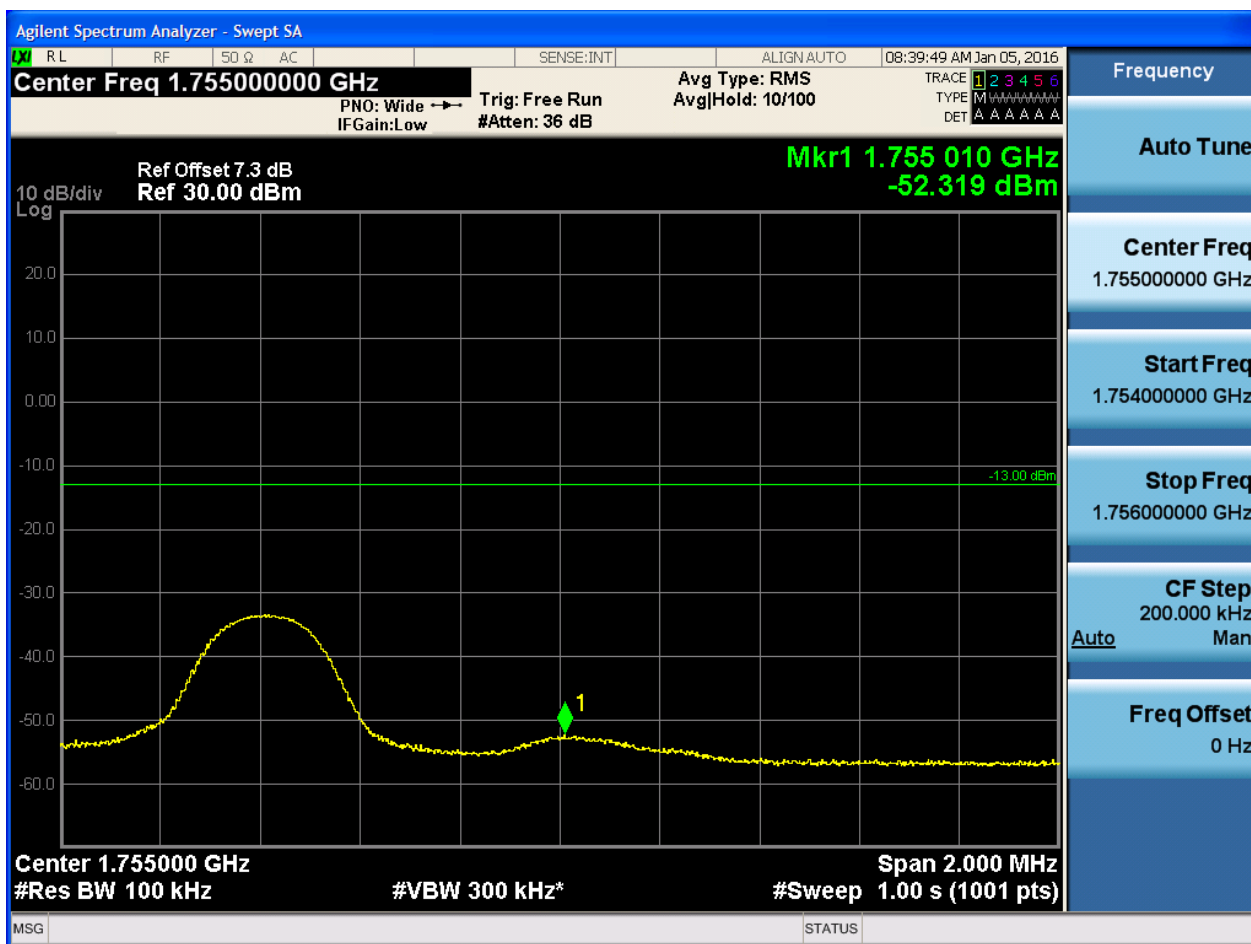
CF Step
200.000 kHz
Man

Freq Offset
0 Hz



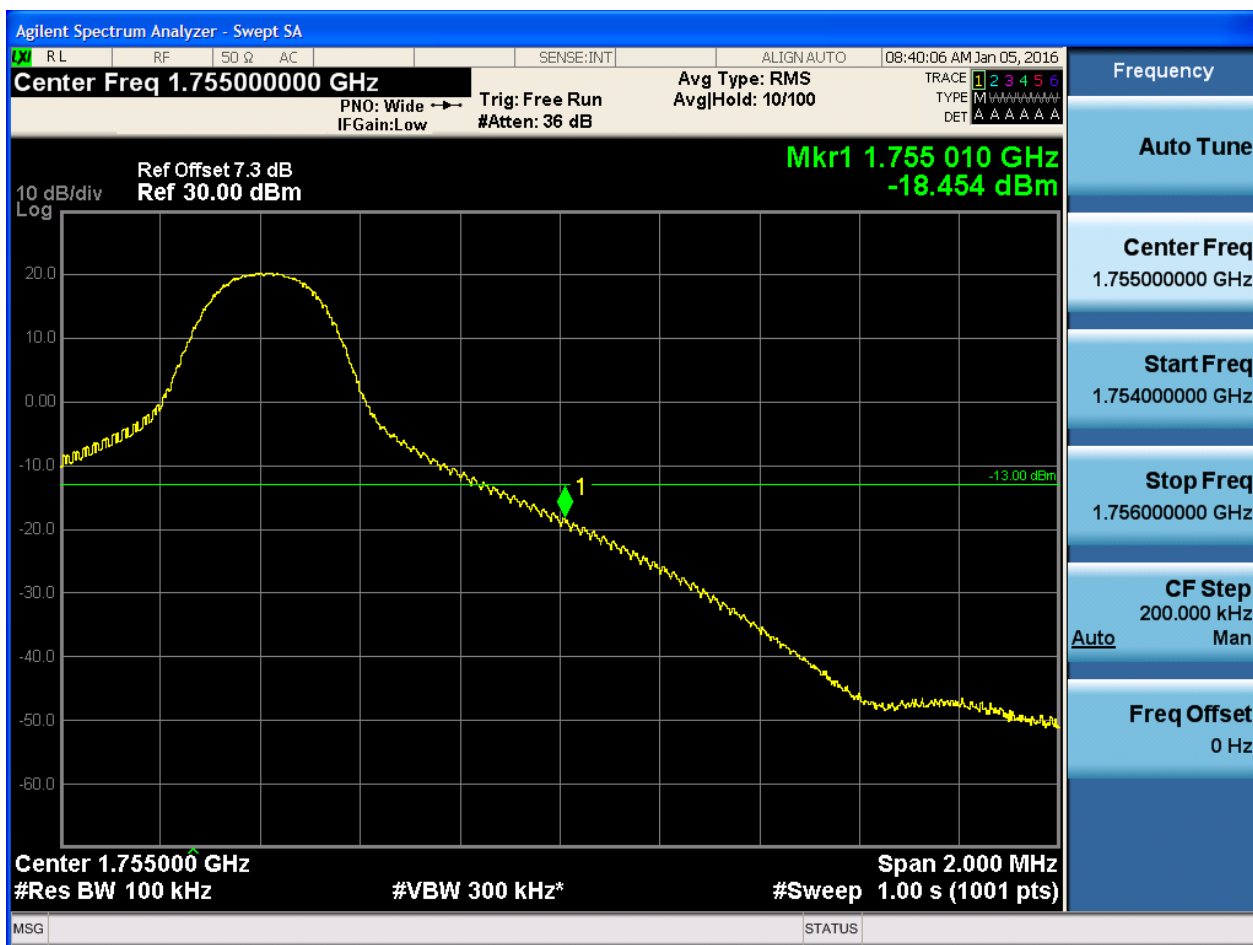
5.1.2.1.2.2 Test Channel = HCH

5.1.2.1.2.2.1 Test RB = RB1#0





5.1.2.1.2.2.2 Test RB = RB1#49





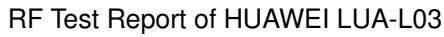
5.1.2.1.2.2.3 Test RB = RB25#13





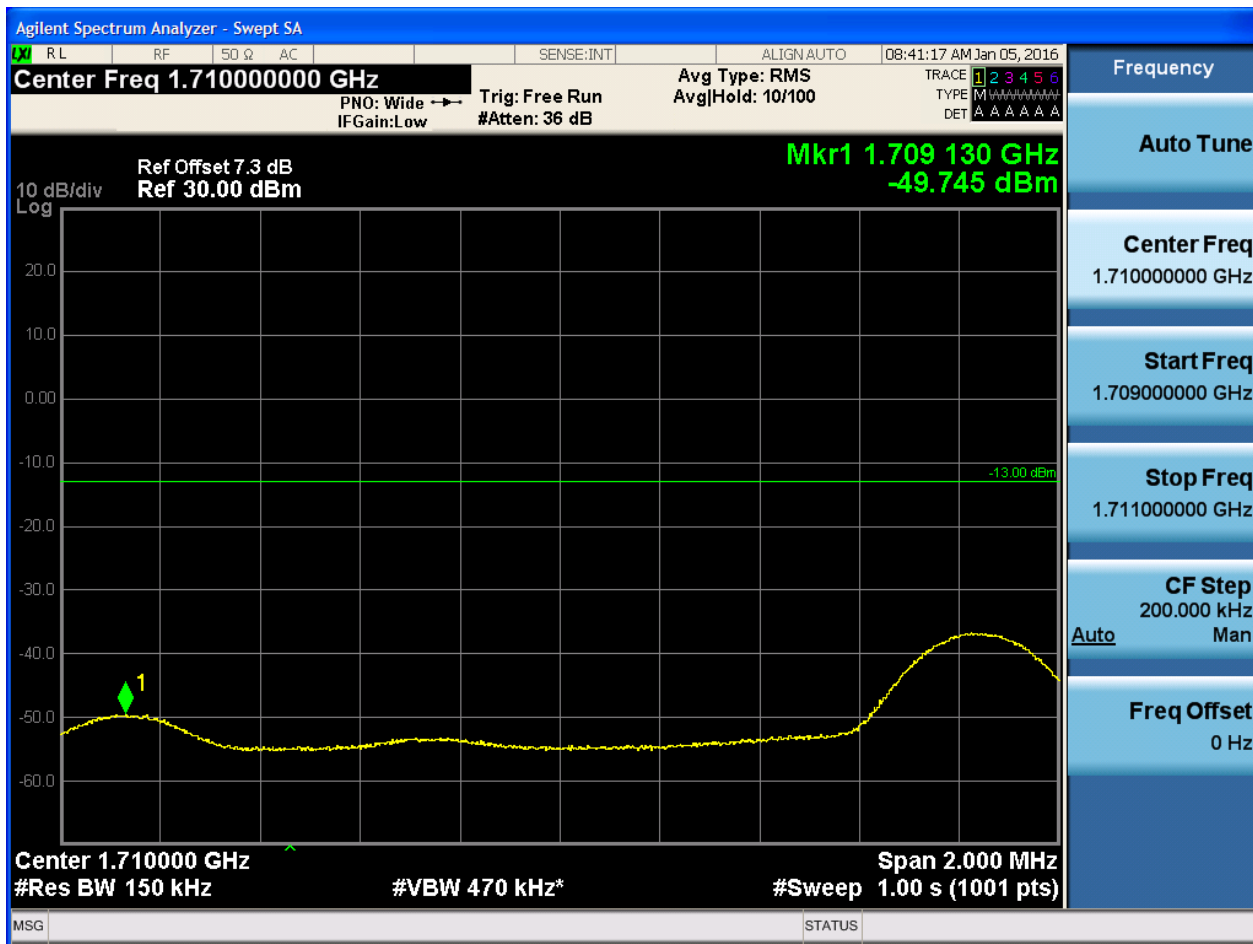
5.1.2.1.2.2.4 Test RB = RB50#0





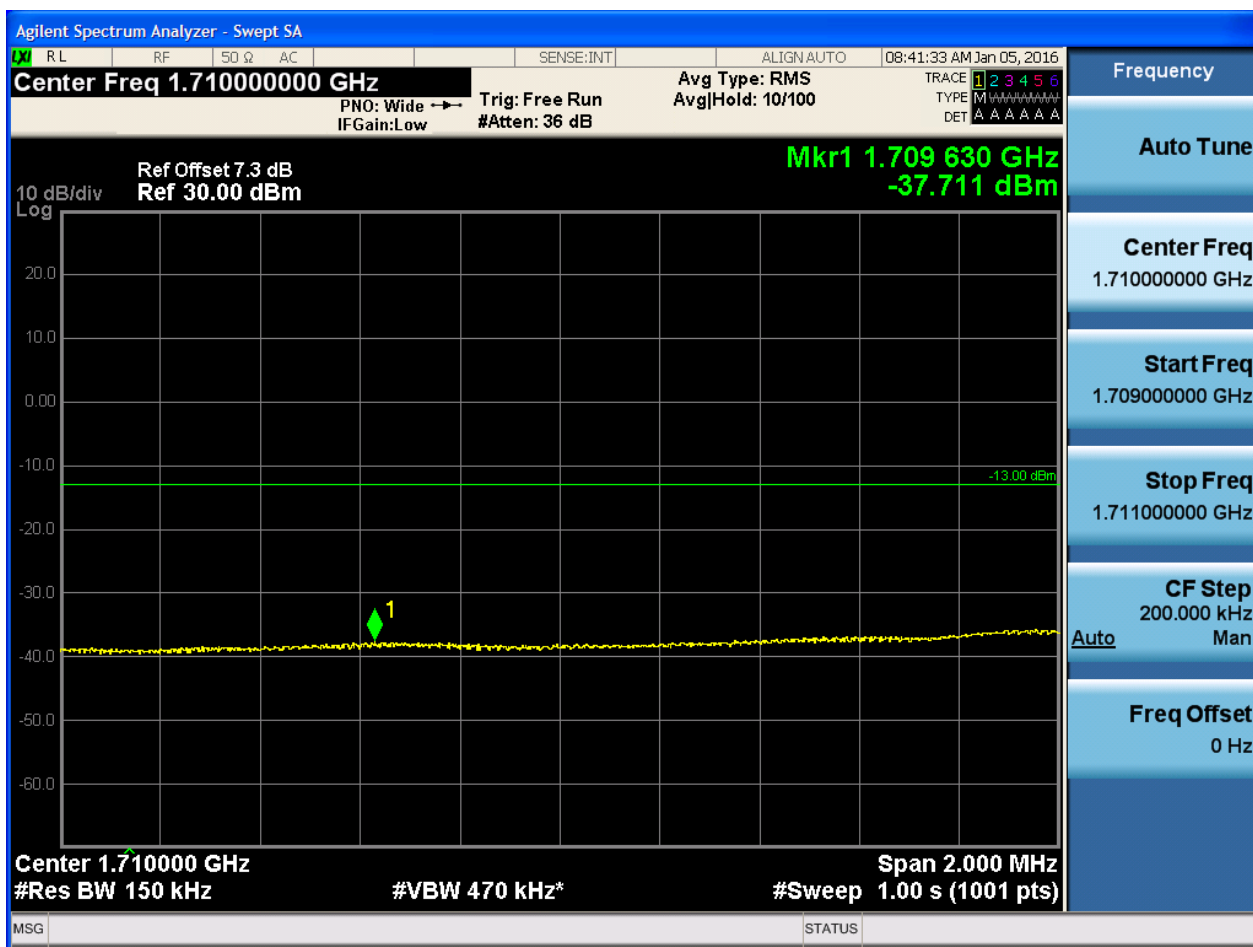


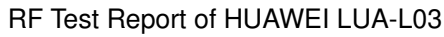
5.1.2.1.3.1.2 Test RB = RB1#74





5.1.2.1.3.1.3 Test RB = RB36#18





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.71000000 GHz

Ref Offset 7.3 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.709 980 GHz
-32.573 dBm

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

Auto Tune

Center Freq
1.71000000 GHz

Start Freq
1.709000000 GHz

Stop Freq
1.711000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Center 1.710000 GHz
#Res BW 150 kHz
#VBW 470 kHz*
Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

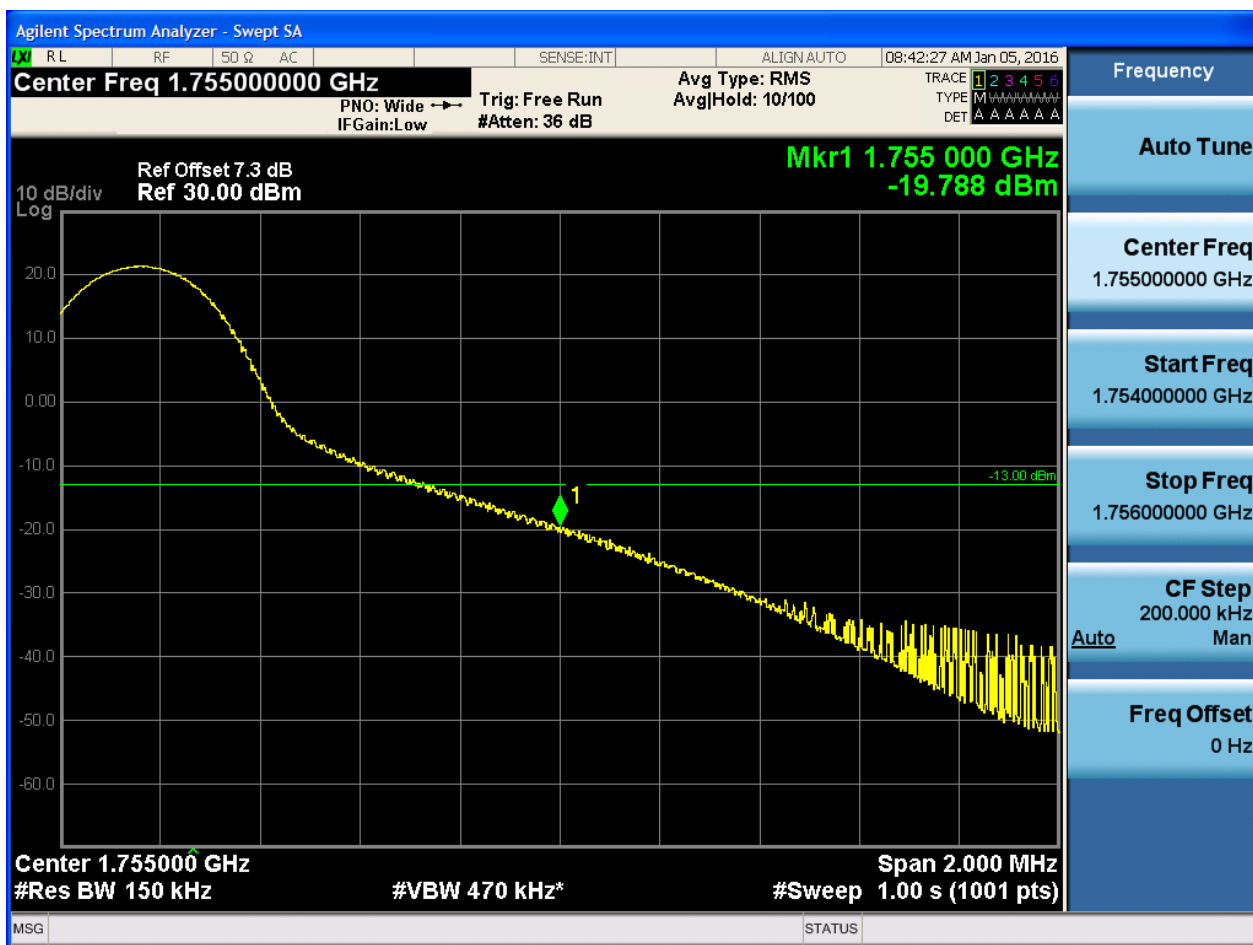
5.1.2.1.3.2 Test Channel = HCH

5.1.2.1.3.2.1 Test RB = RB1#0





5.1.2.1.3.2.2 Test RB = RB1#74





5.1.2.1.3.2.3 Test RB = RB36#18





5.1.2.1.3.2.4 Test RB = RB75#0

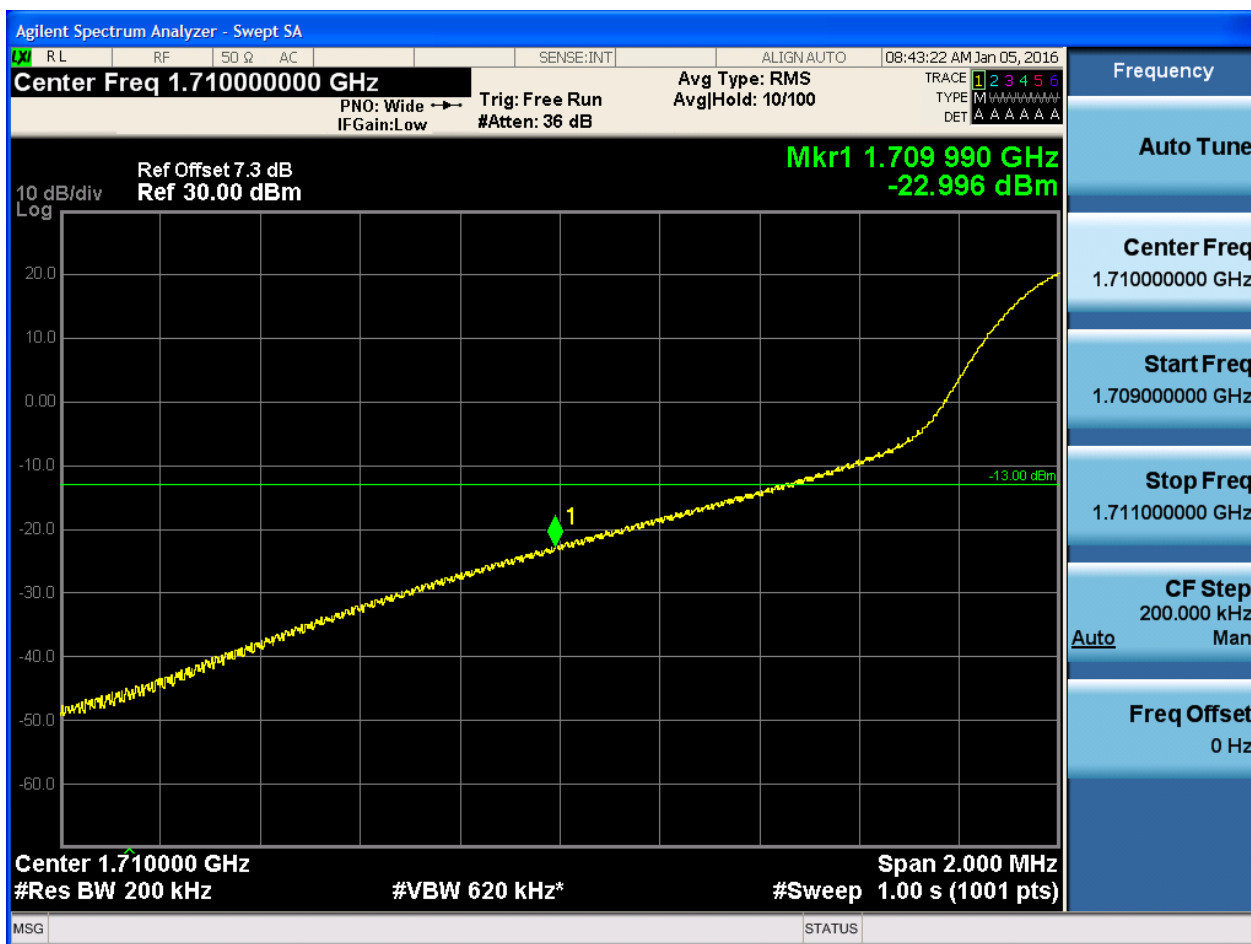




5.1.2.1.4 Test Bandwidth = 20

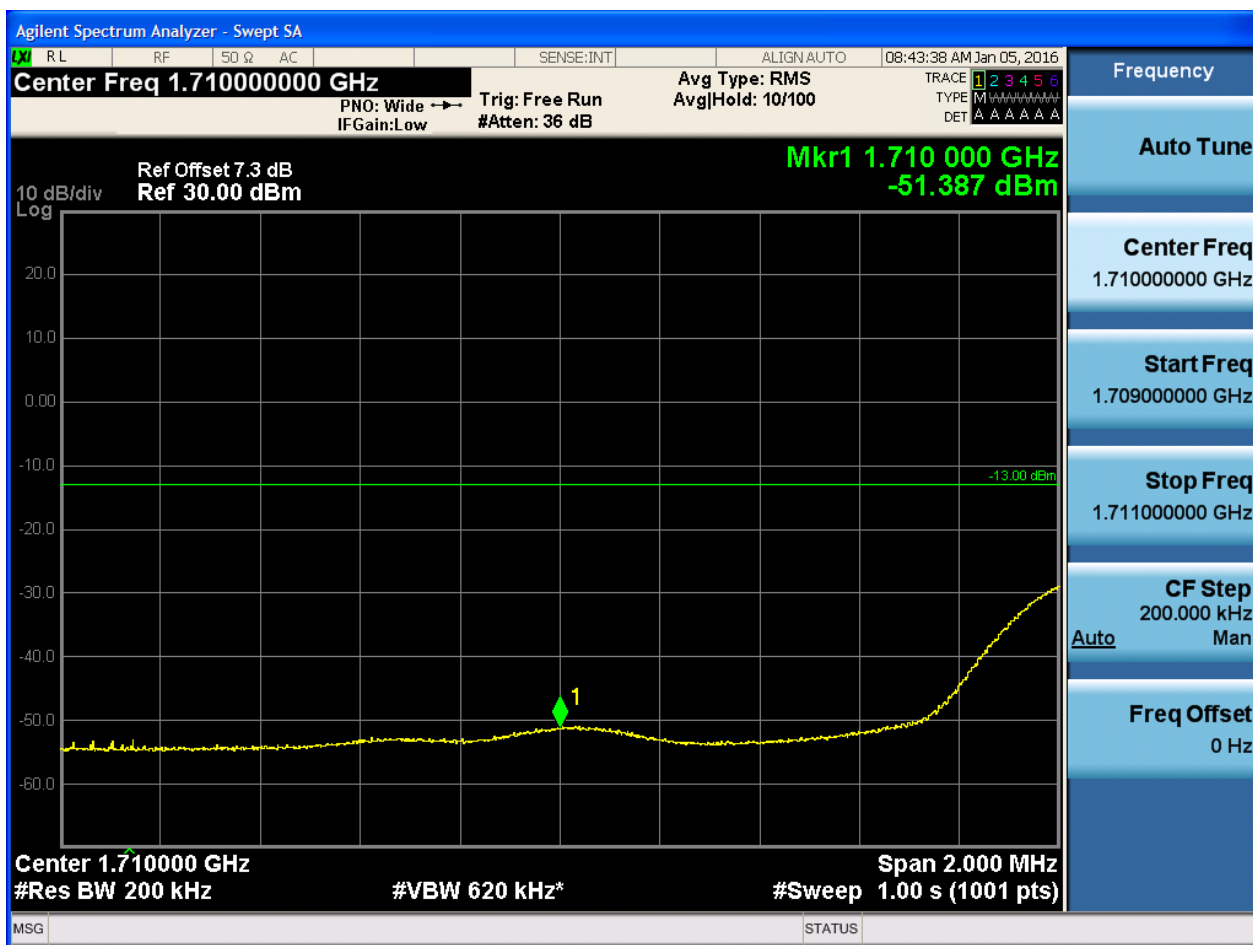
5.1.2.1.4.1 Test Channel = LCH

5.1.2.1.4.1.1 Test RB = RB1#0



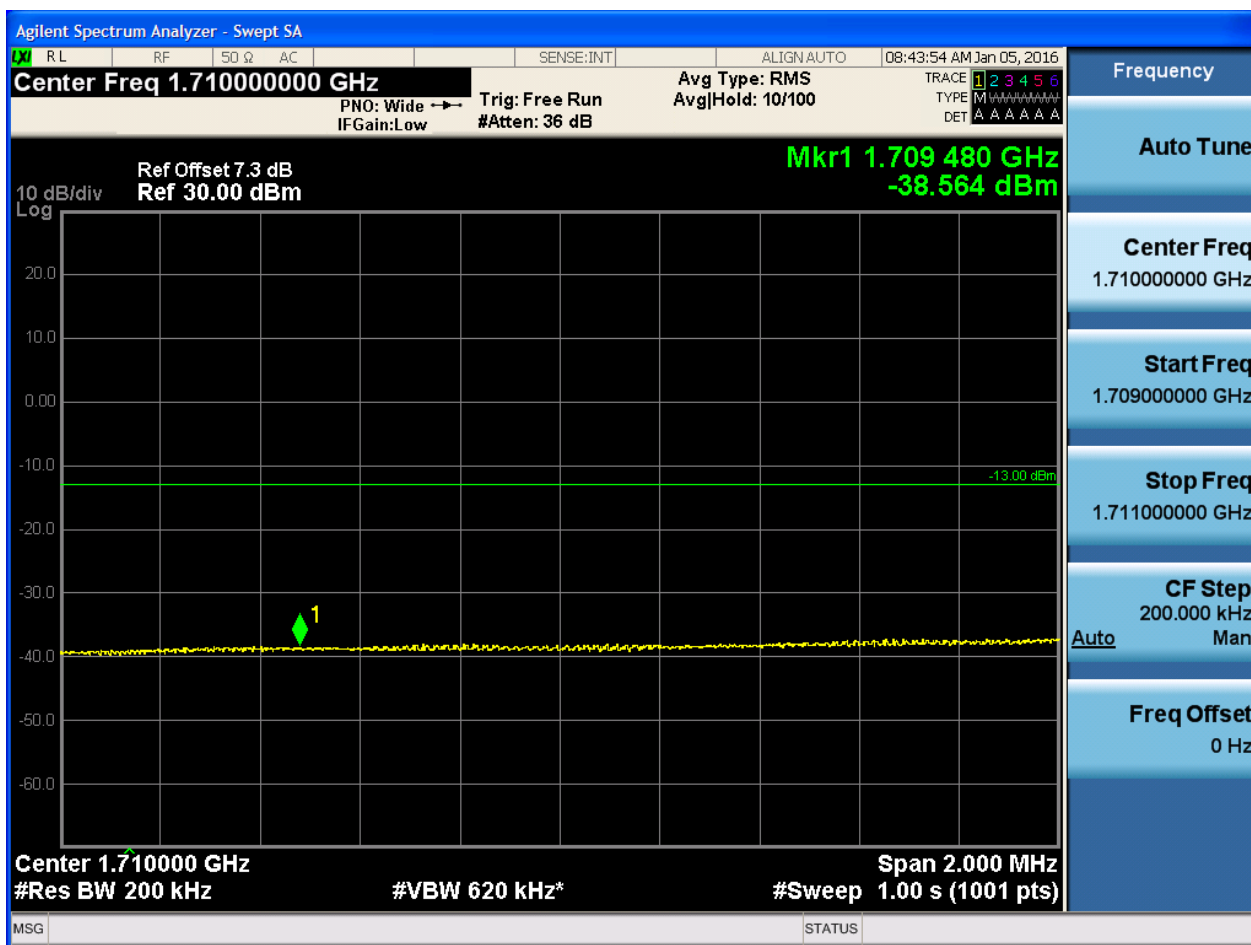


5.1.2.1.4.1.2 Test RB = RB1#99



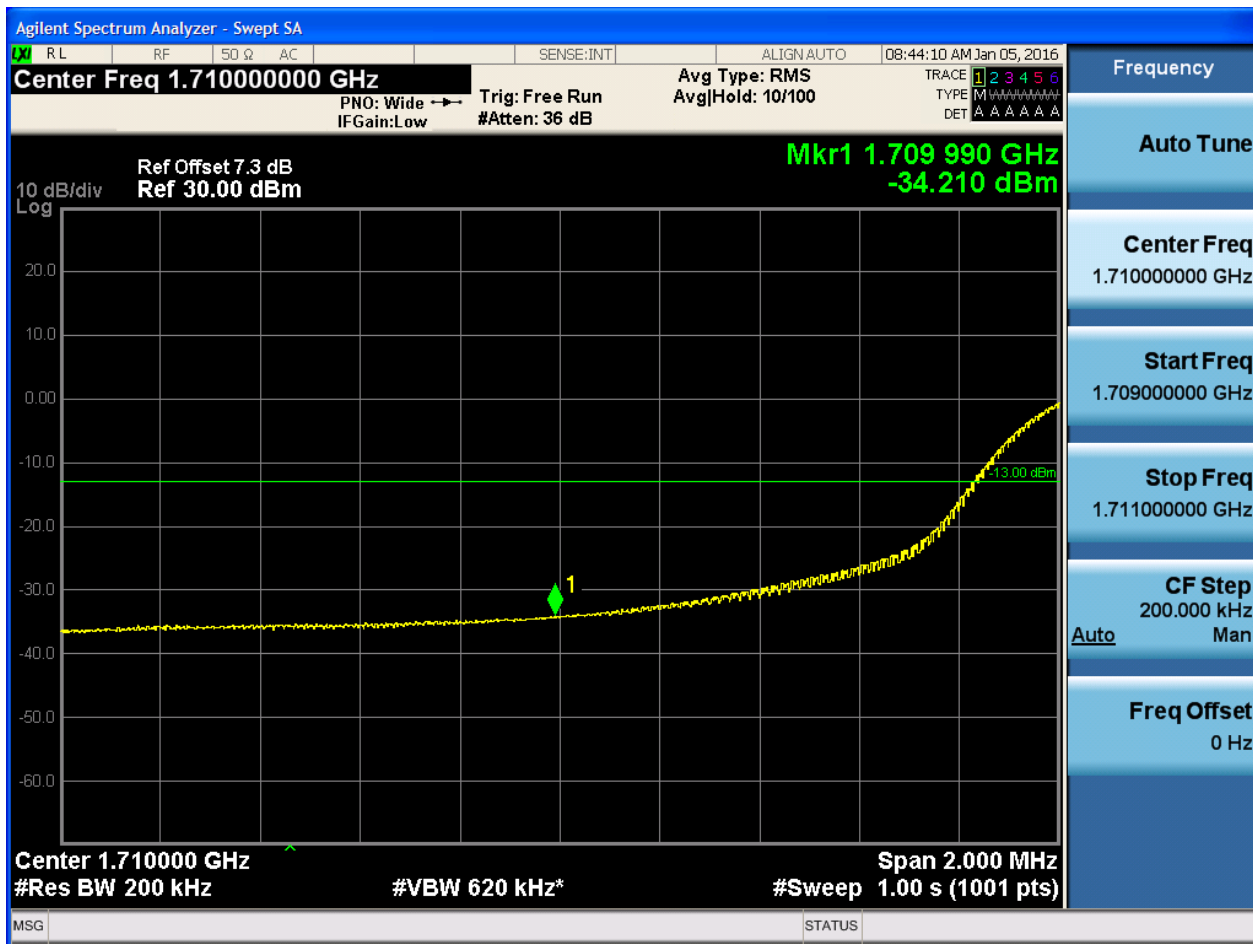


5.1.2.1.4.1.3 Test RB = RB50#25





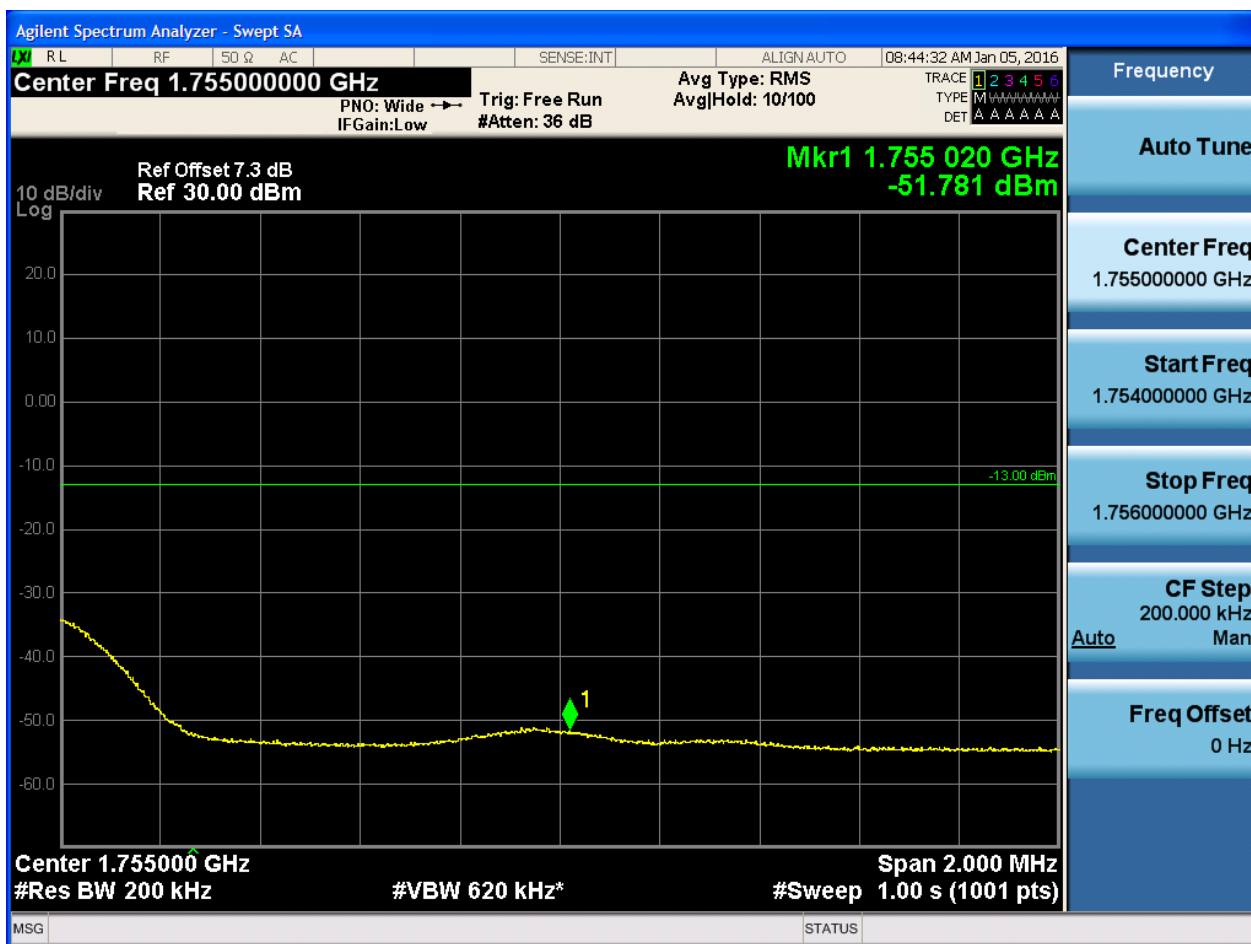
5.1.2.1.4.1.4 Test RB = RB100#0





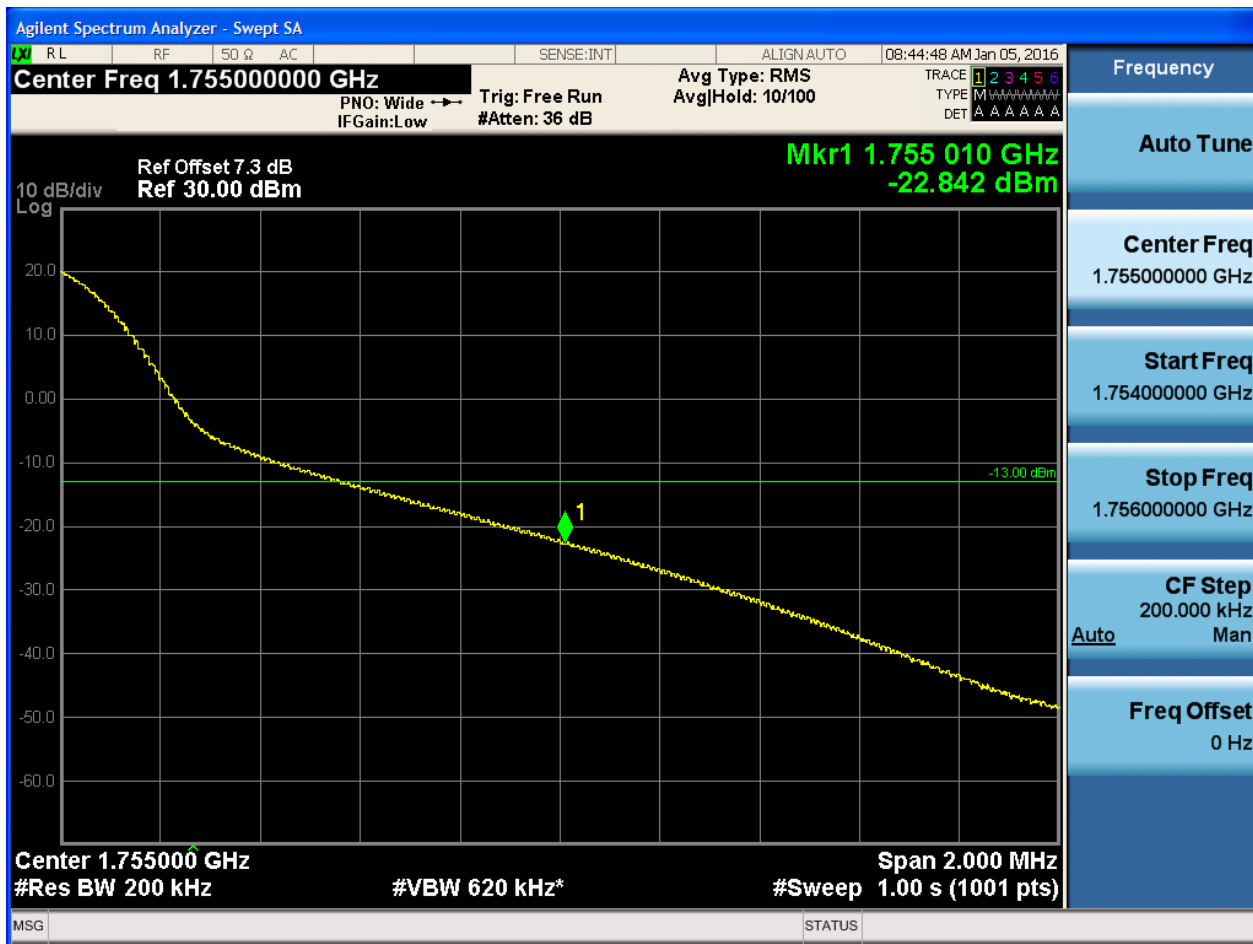
5.1.2.1.4.2 Test Channel = HCH

5.1.2.1.4.2.1 Test RB = RB1#0





5.1.2.1.4.2.2 Test RB = RB1#99





5.1.2.1.4.2.3 Test RB = RB50#25





5.1.2.1.4.2.4 Test RB = RB100#0



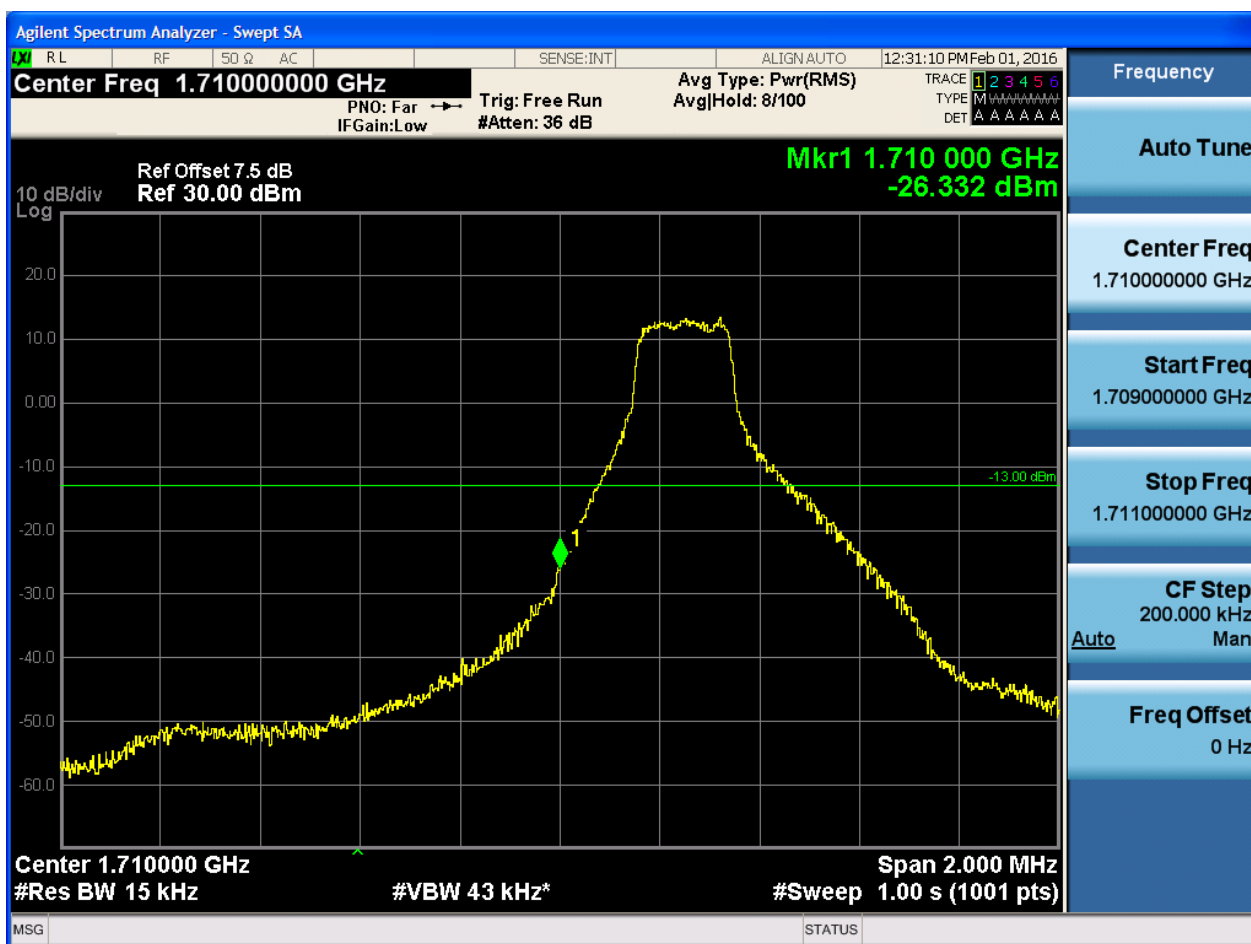


5.1.2.2 Test Mode = LTE/TM2

5.2.1.2.1 Test Bandwidth = 1.4

5.2.1.2.1.1 Test Channel = LCH

5.2.1.2.1.1.1 Test RB = RB1#0



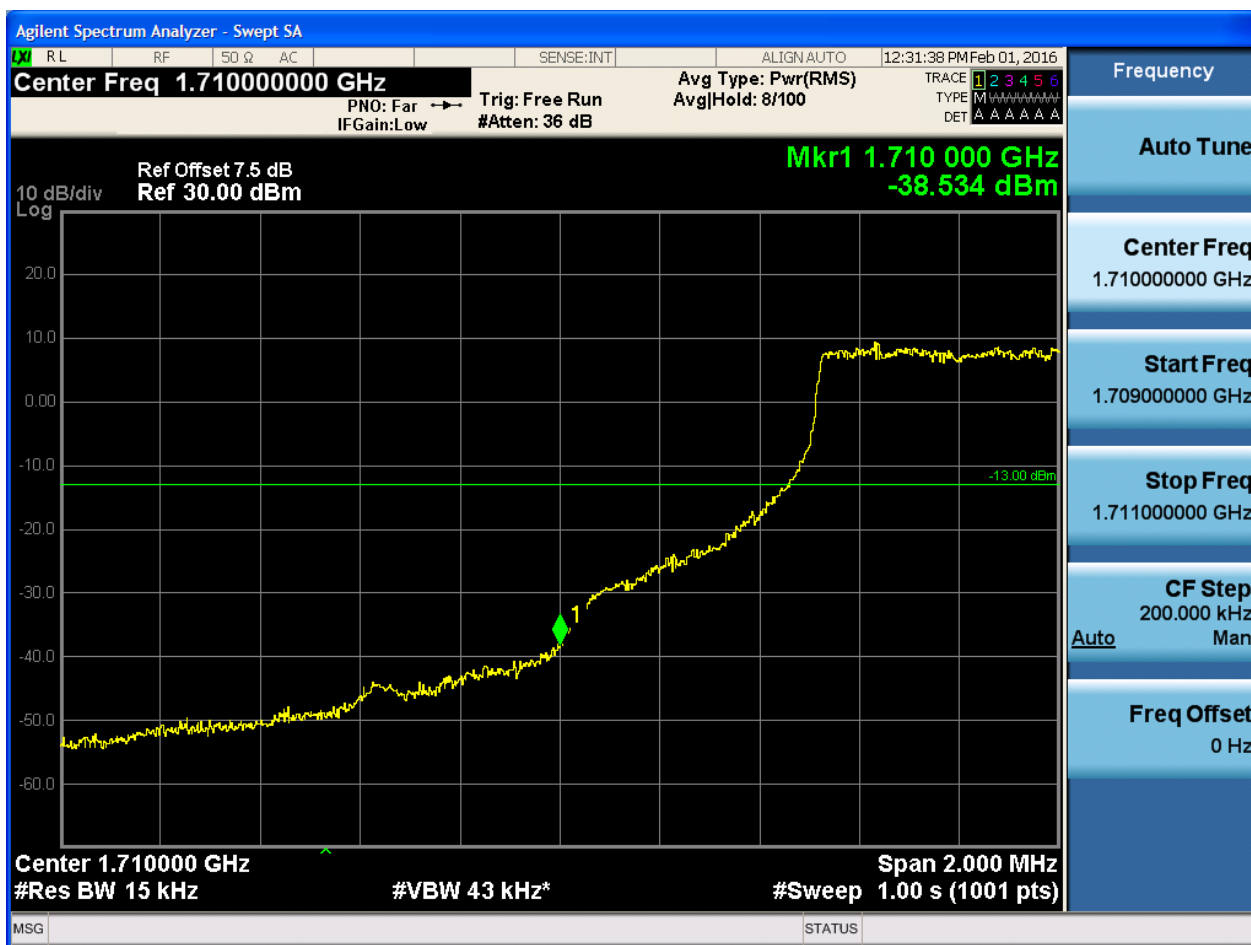


5.2.1.2.1.2 Test RB = RB1#5





5.2.1.2.1.1.3 Test RB = RB3#2



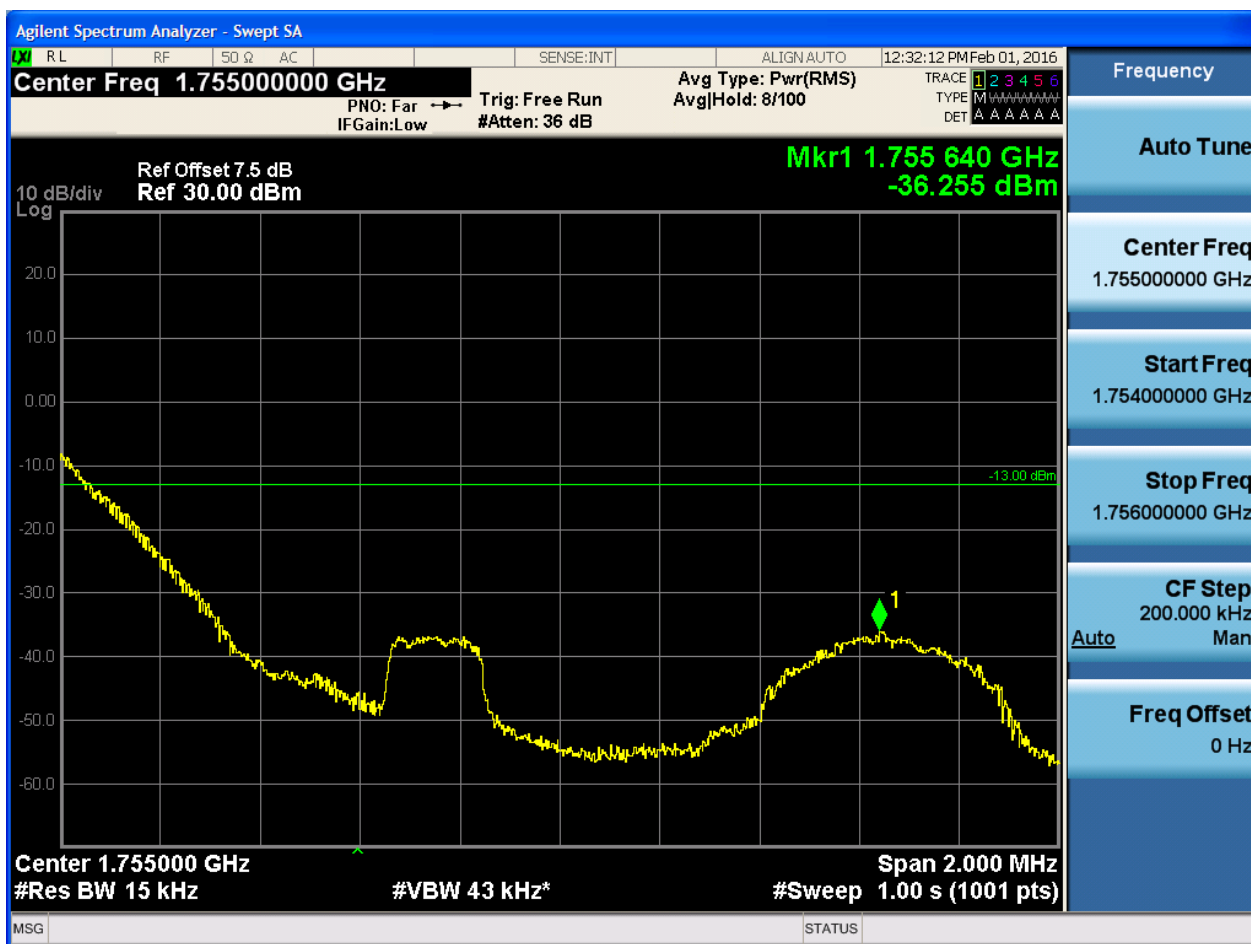


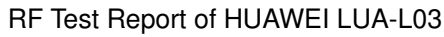
5.2.1.2.1.1.4 Test RB = RB6#0



5.2.1.2.1.2 Test Channel = HCH

5.2.1.2.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 000 GHz
-25.636 dBm

Center 1.755000 GHz
#Res BW 15 kHz
#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

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



5.2.1.2.1.2.3 Test RB = RB3#2





5.2.1.2.1.2.4 Test RB = RB6#0

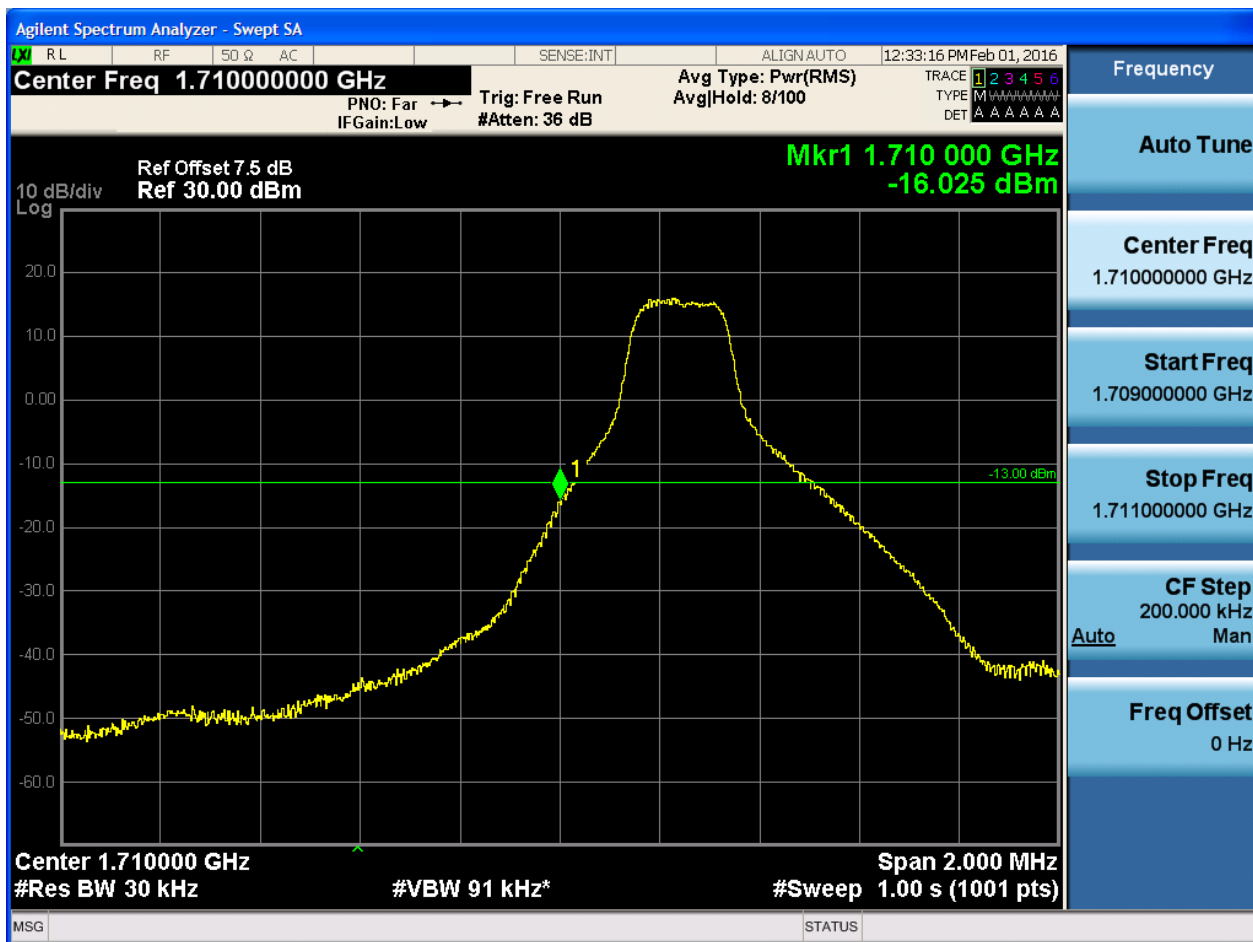




5.2.1.2.2 Test Bandwidth = 3

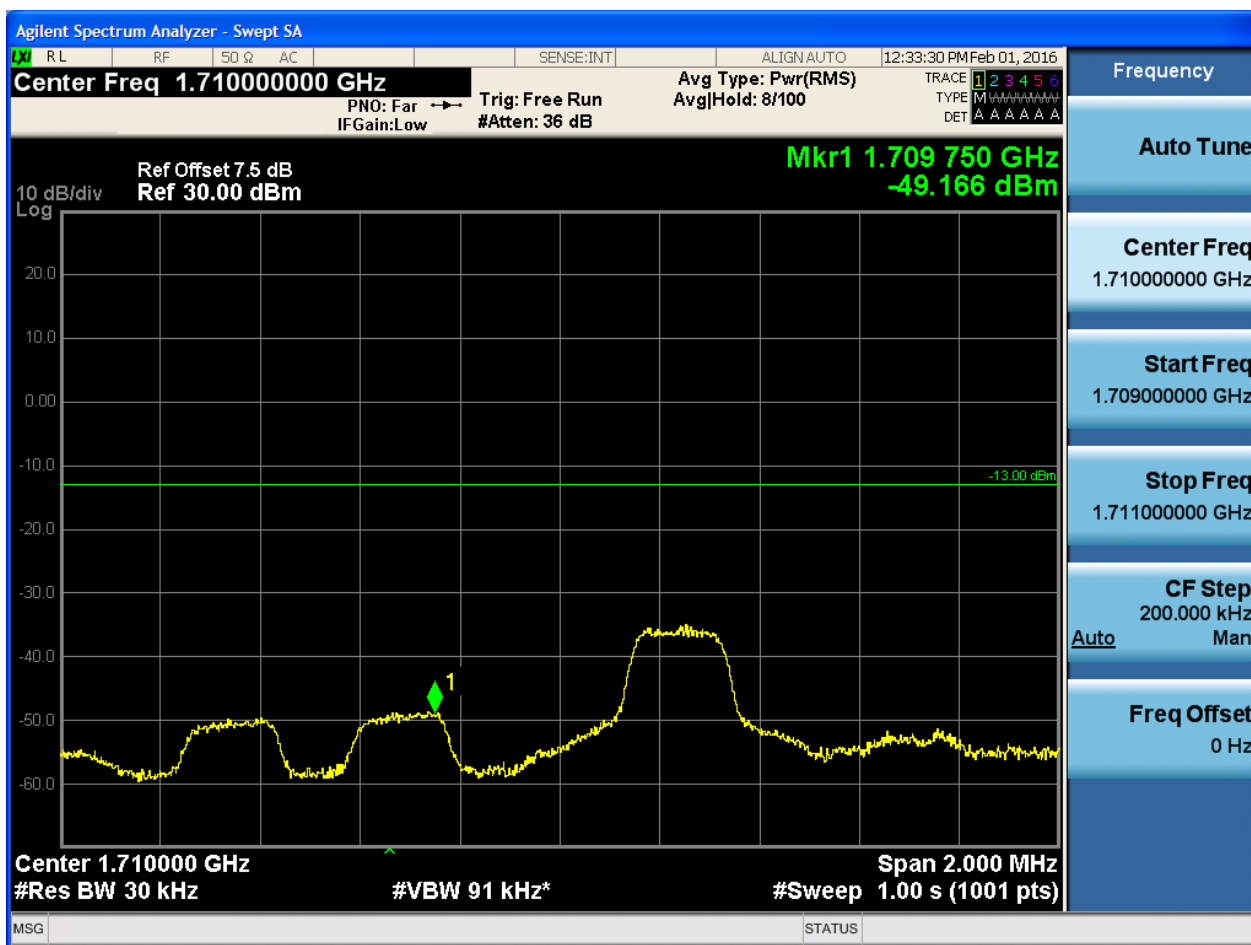
5.2.1.2.2.1 Test Channel = LCH

5.2.1.2.2.1.1 Test RB = RB1#0





5.2.1.2.2.1.2 Test RB = RB1#14



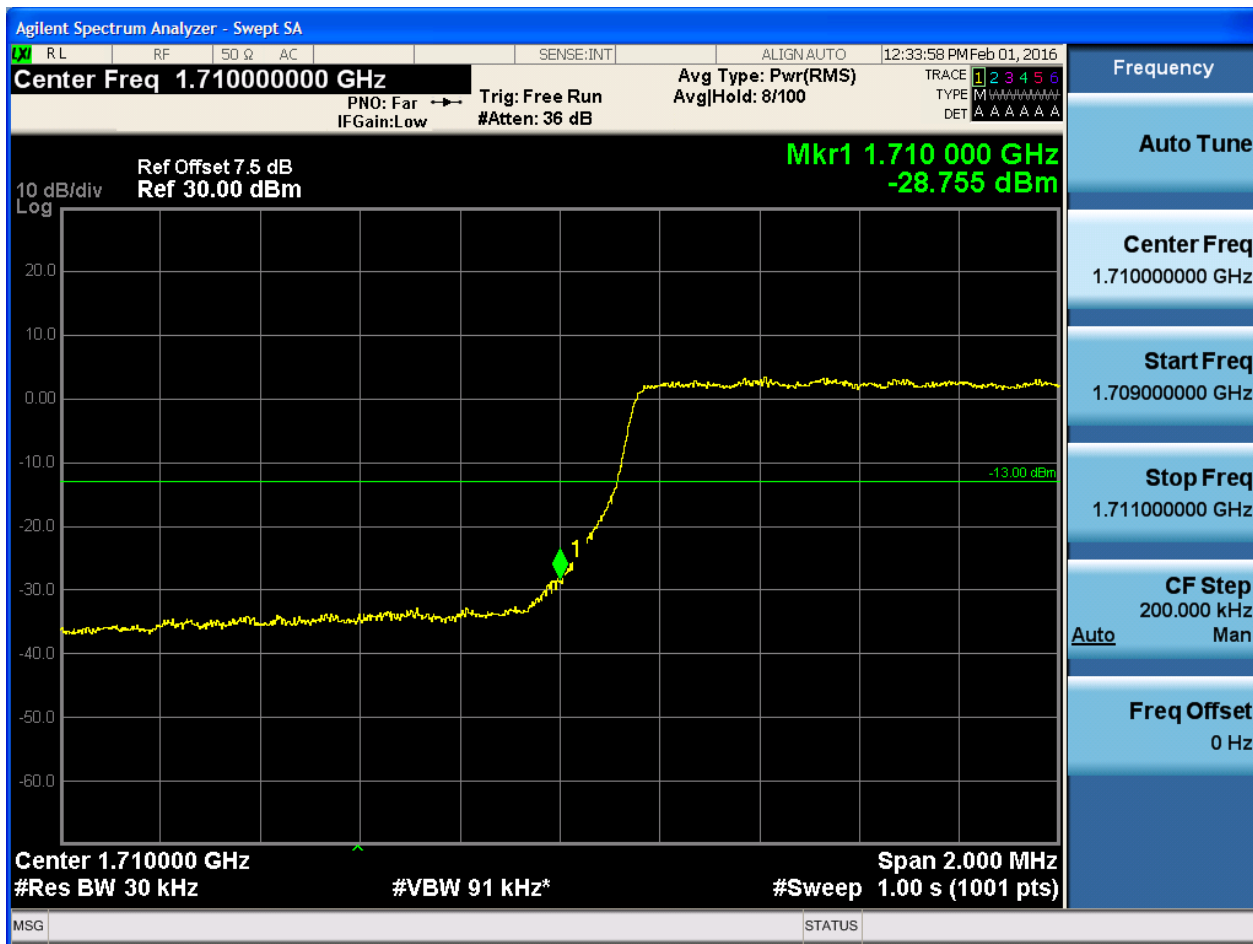


5.2.1.2.2.1.3 Test RB = RB8#4



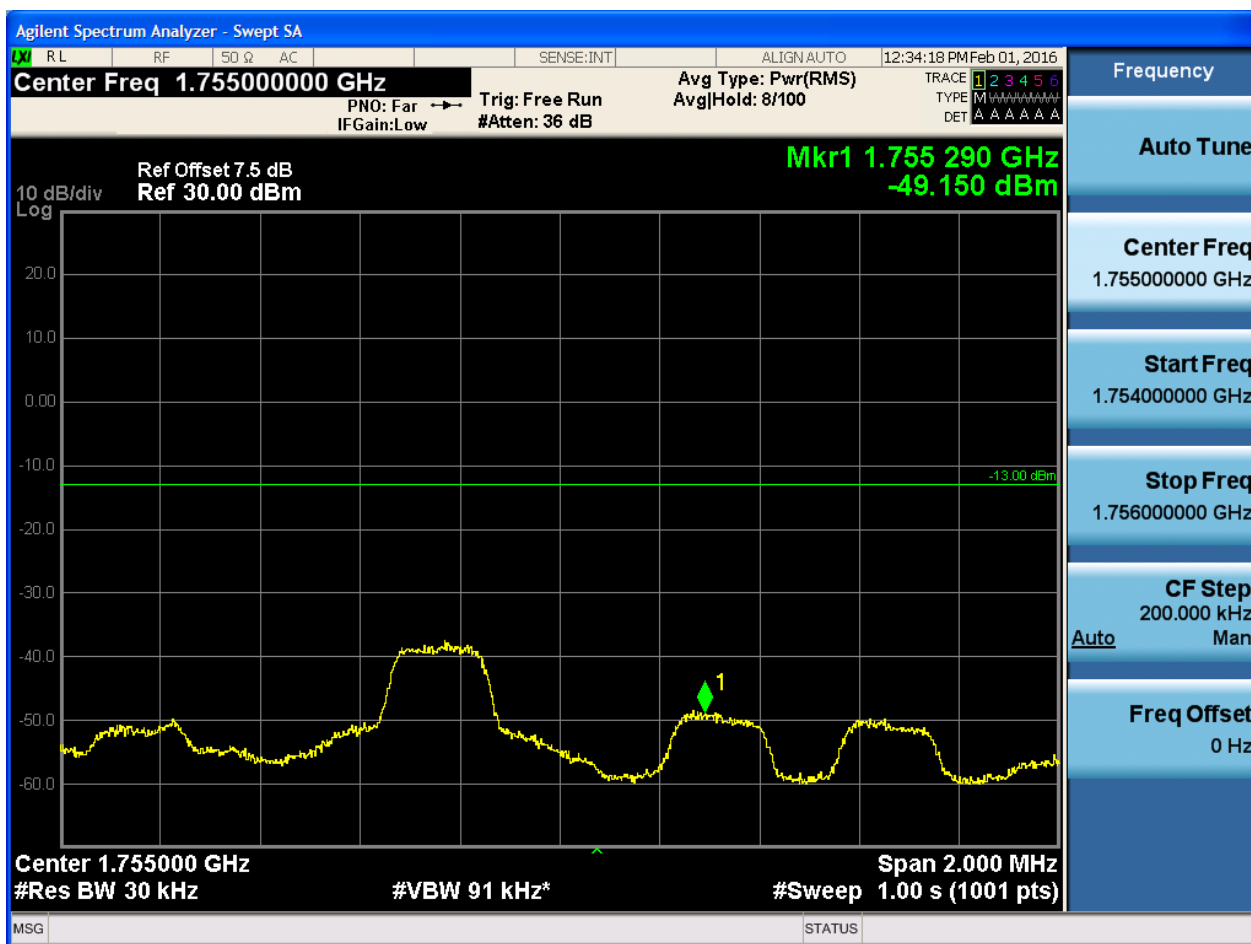


5.2.1.2.2.1.4 Test RB = RB15#0



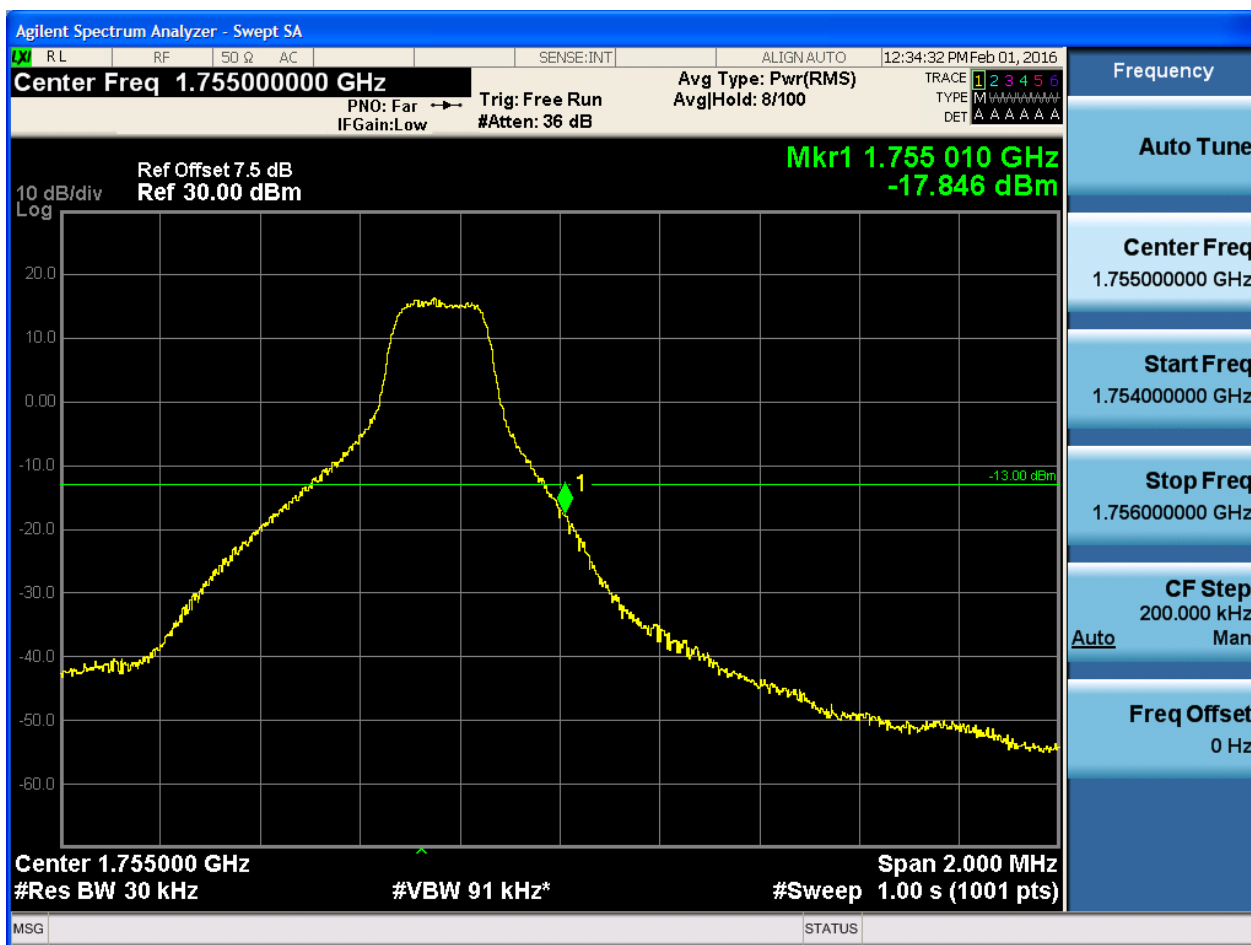
5.2.1.2.2.2 Test Channel = HCH

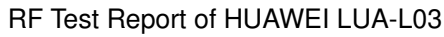
5.2.1.2.2.2.1 Test RB = RB1#0





5.2.1.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.755000000 GHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.755 010 GHz
-32.470 dBm

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

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq 1.755000000 GHz

Start Freq 1.754000000 GHz

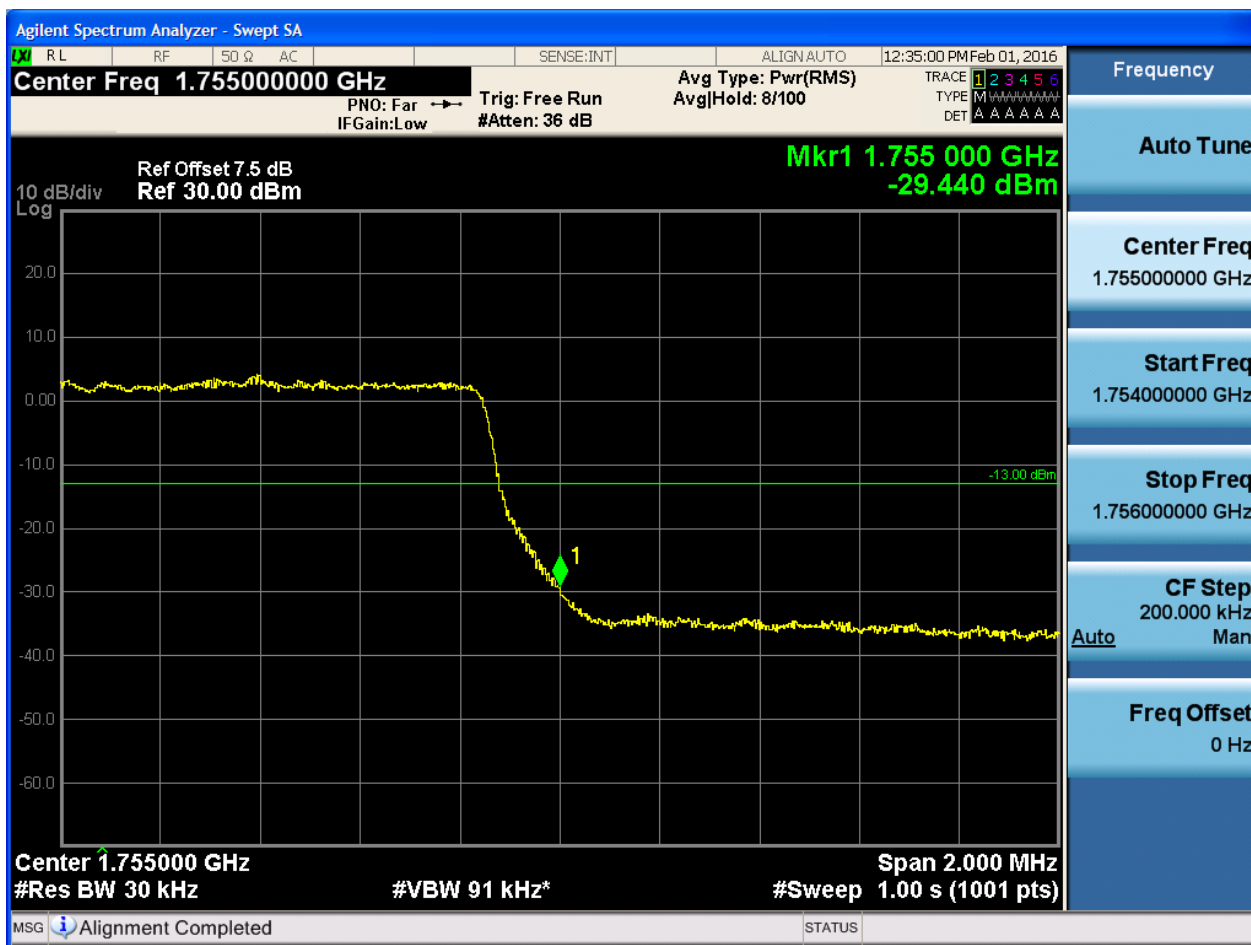
Stop Freq 1.756000000 GHz

CF Step 200.000 kHz
Man

Freq Offset 0 Hz



5.2.1.2.2.4 Test RB = RB15#0

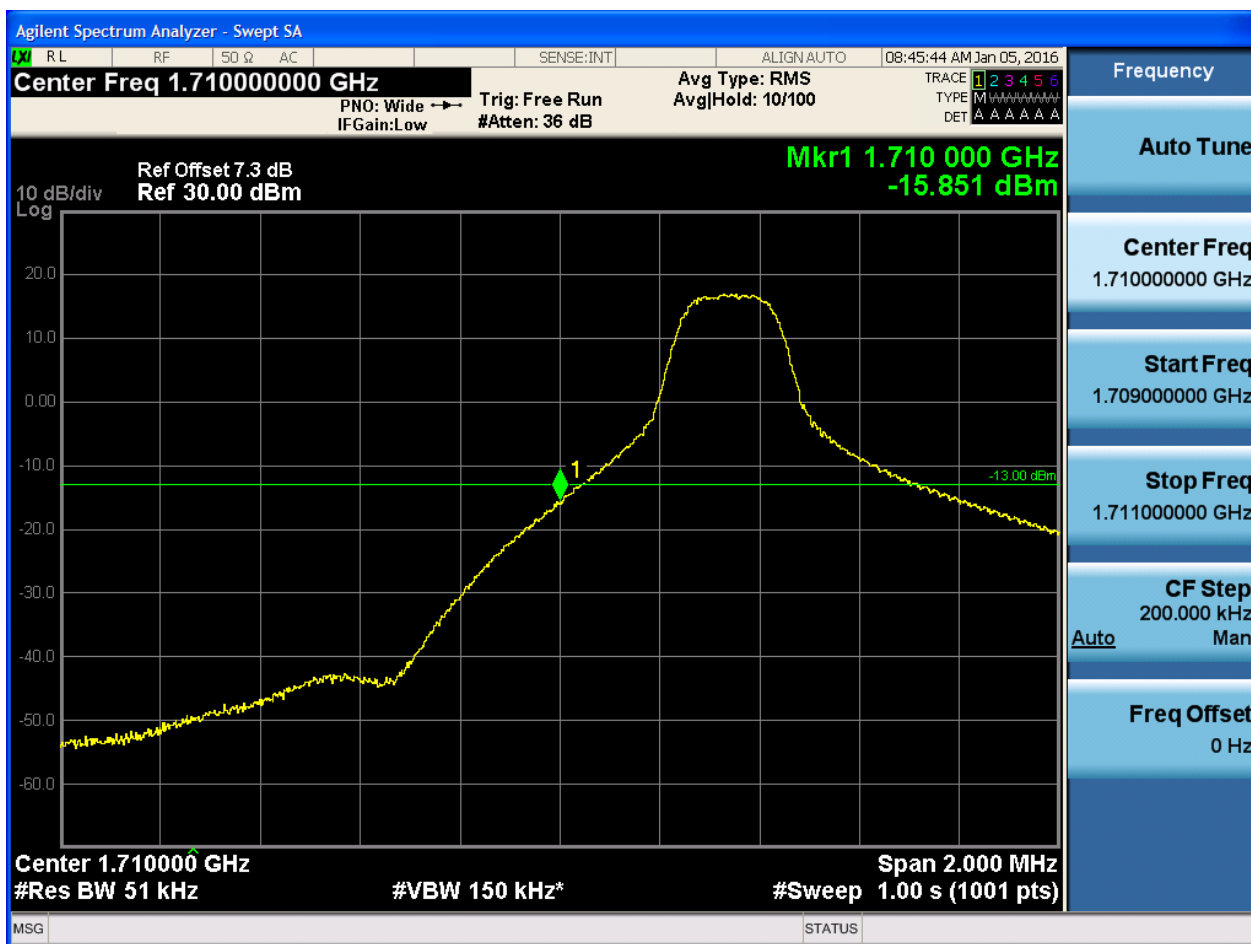




5.1.2.2.1 Test Bandwidth = 5

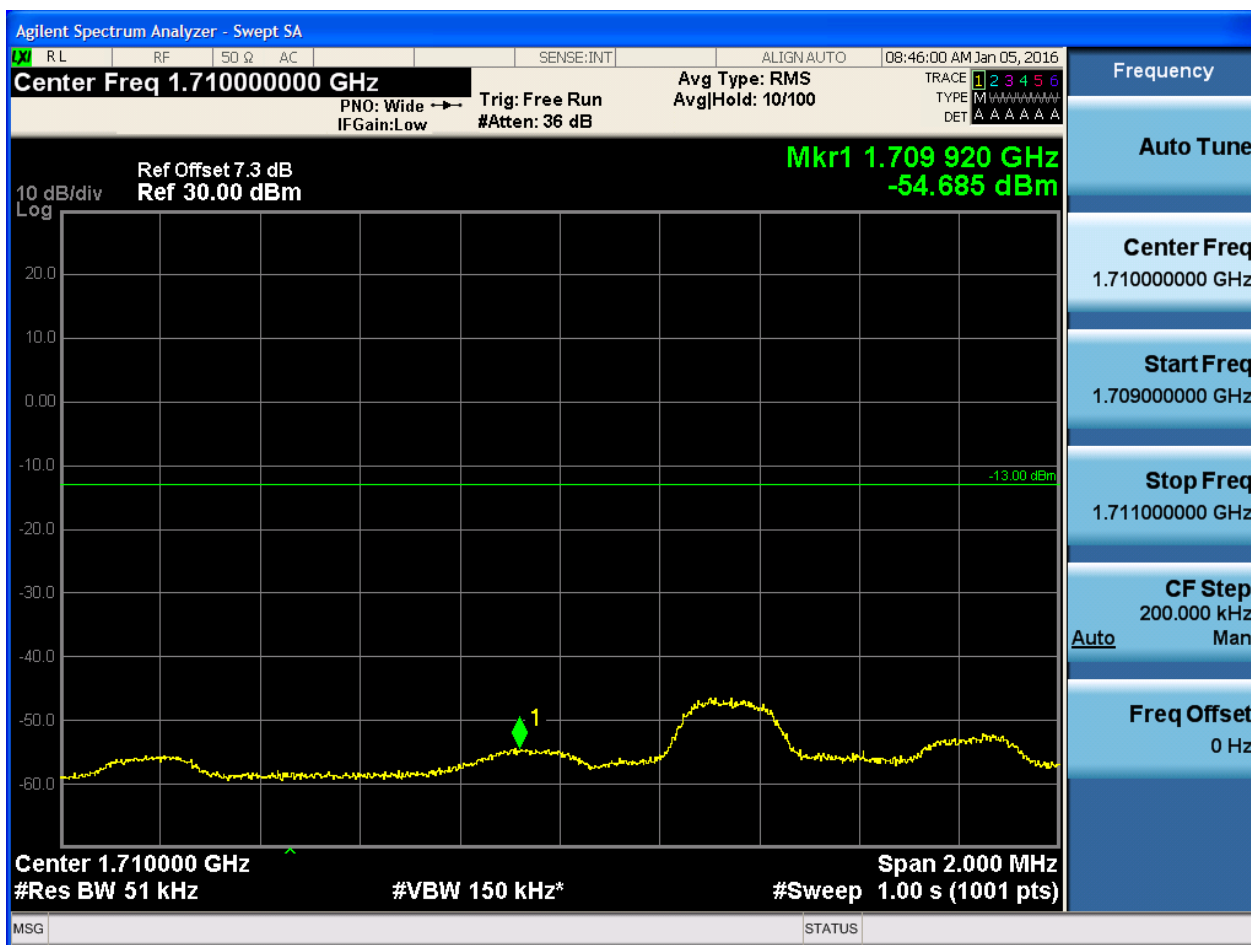
5.1.2.2.1.1 Test Channel = LCH

5.1.2.2.1.1.1 Test RB = RB1#0





5.1.2.2.1.1.2 Test RB = RB1#24



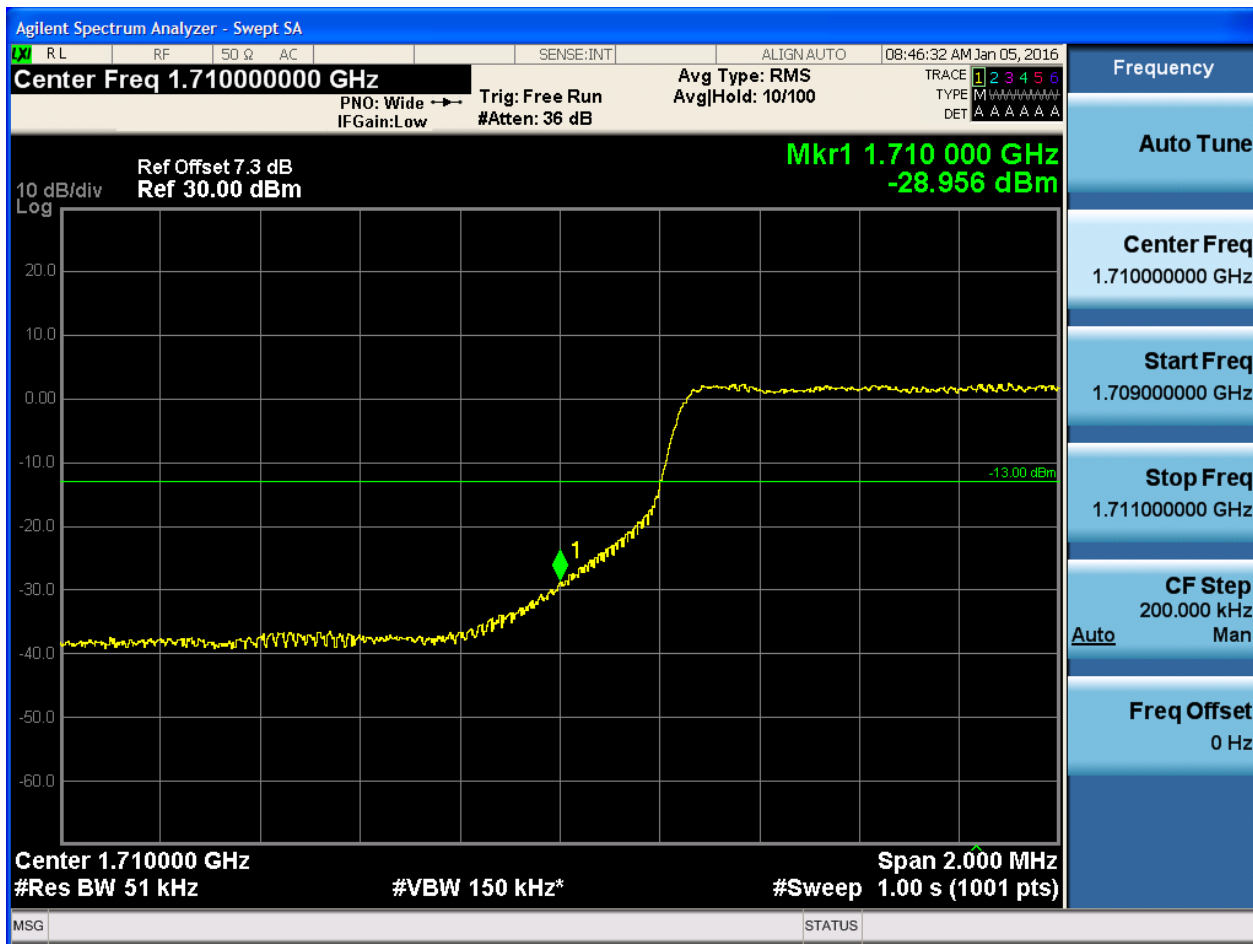


5.1.2.2.1.1.3 Test RB = RB12#6





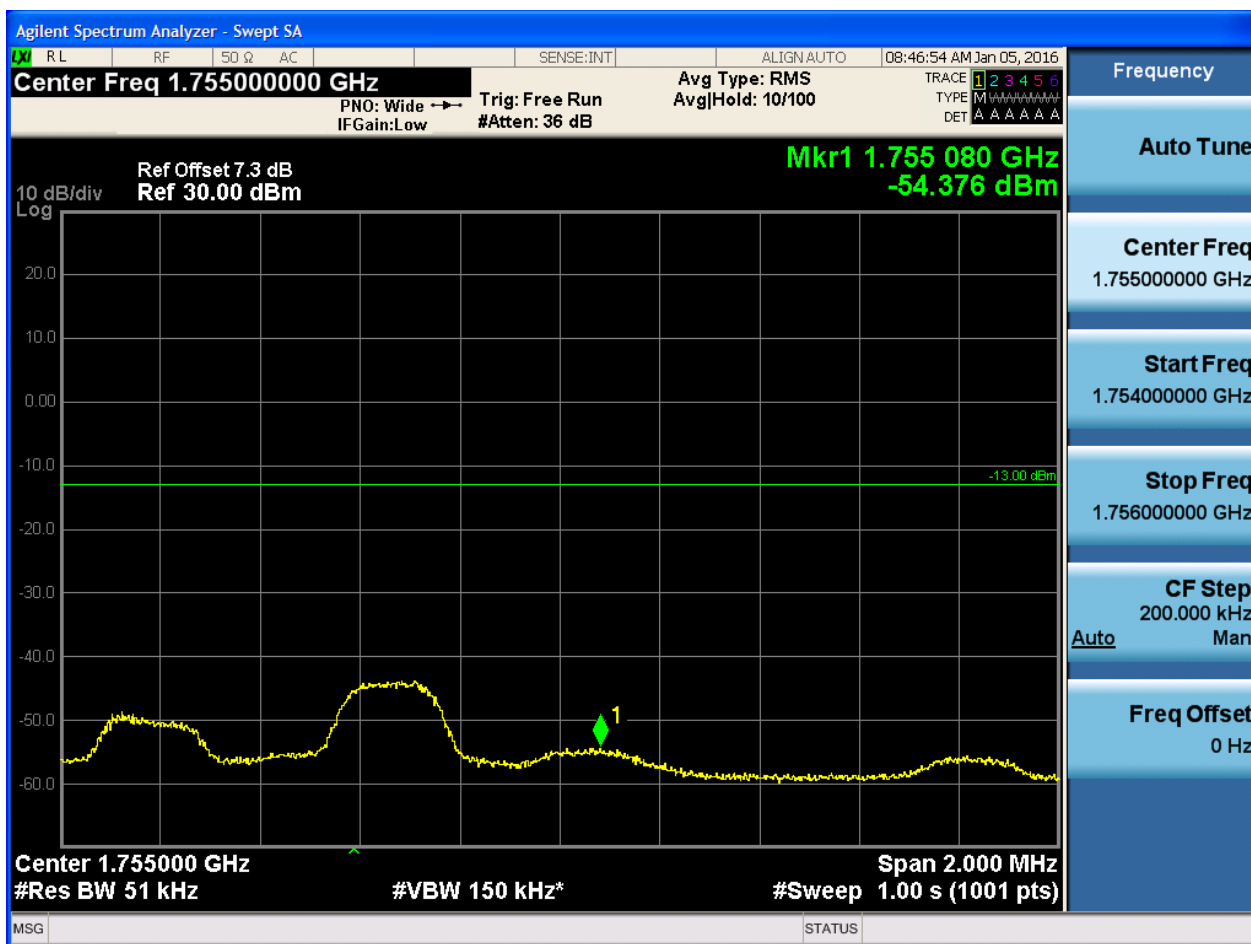
5.1.2.2.1.1.4 Test RB = RB25#0





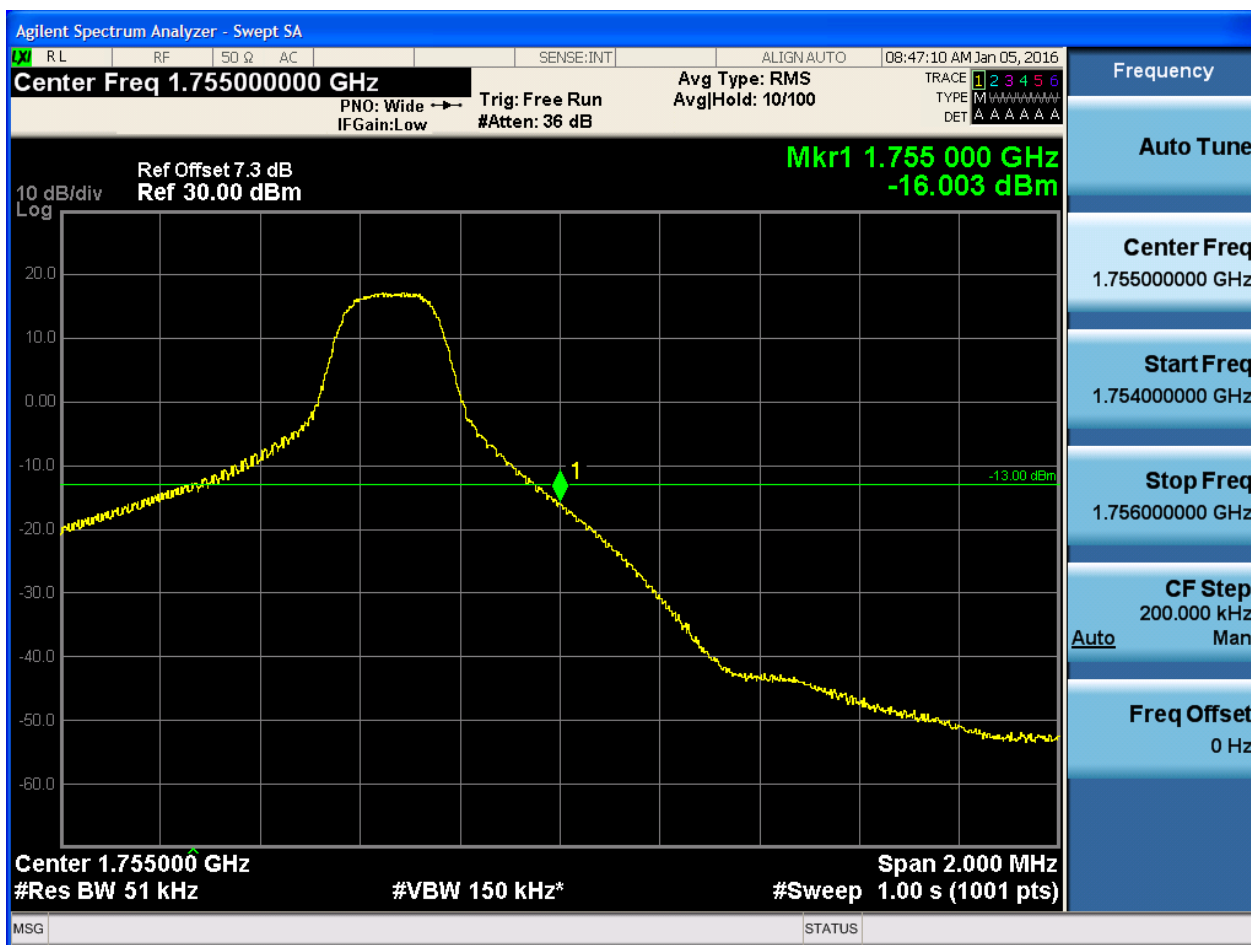
5.1.2.2.1.2 Test Channel = HCH

5.1.2.2.1.2.1 Test RB = RB1#0





5.1.2.2.1.2.2 Test RB = RB1#24





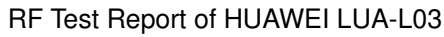
5.1.2.2.1.2.3 Test RB = RB12#6





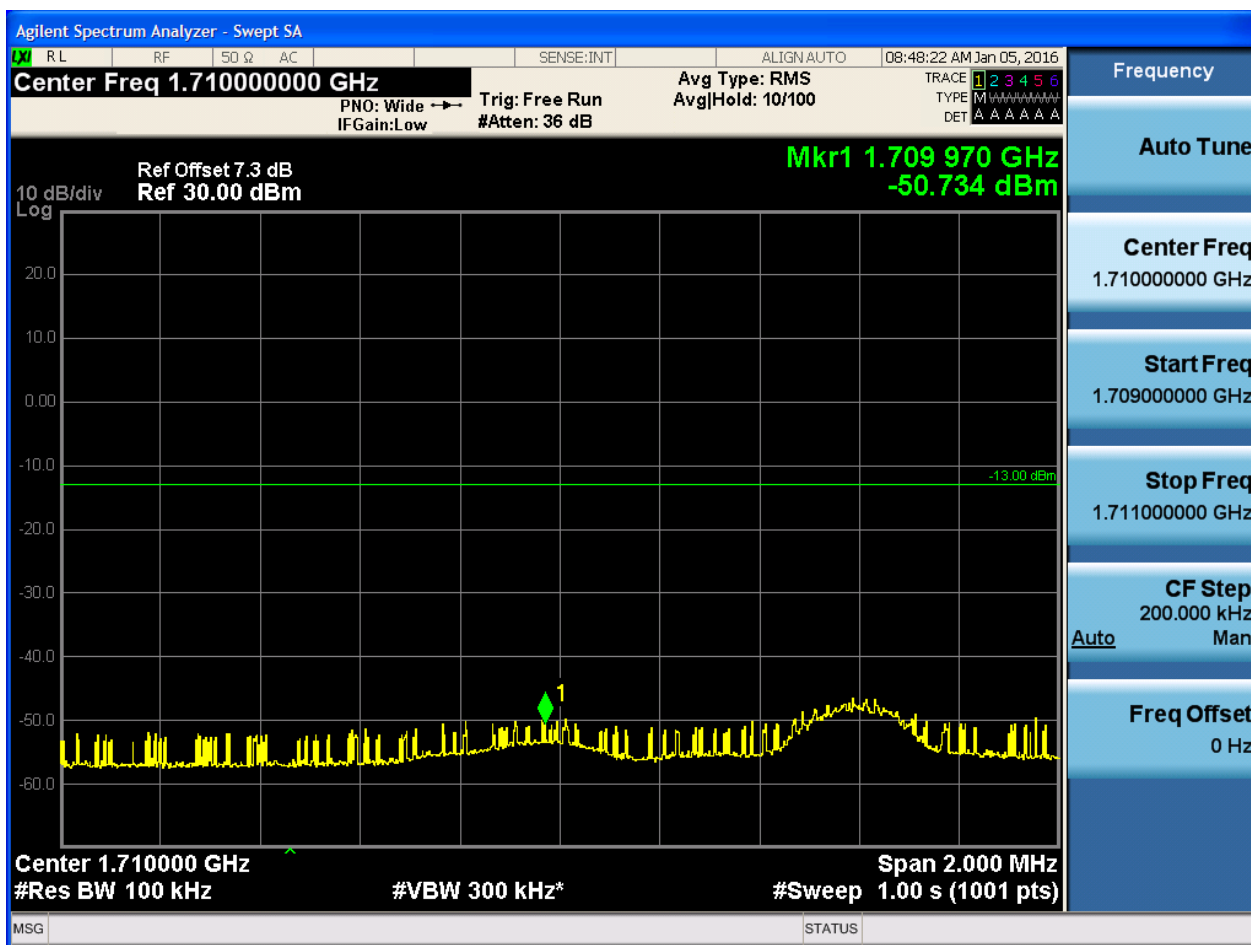
5.1.2.2.1.2.4 Test RB = RB25#0





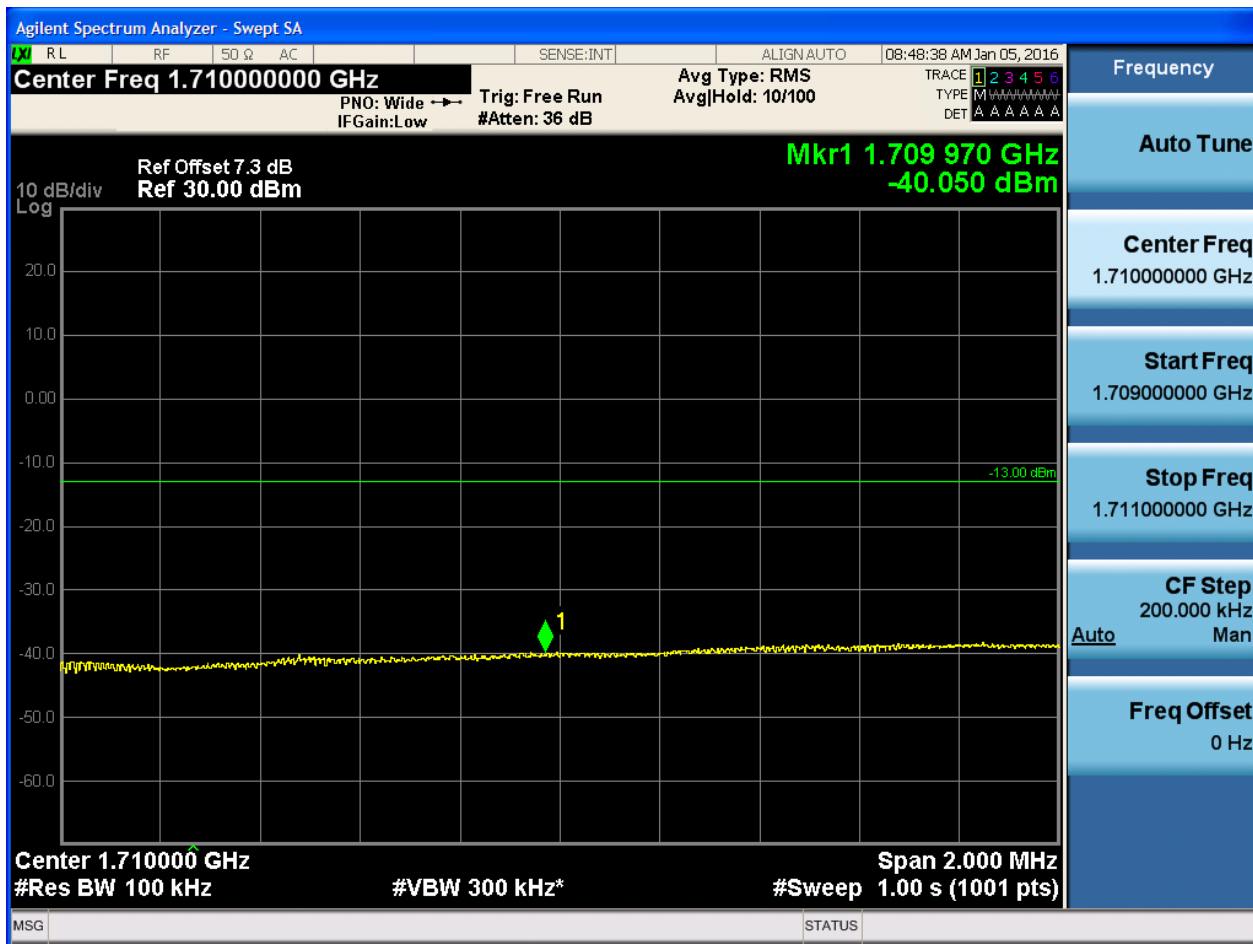


5.1.2.2.1.2 Test RB = RB1#49



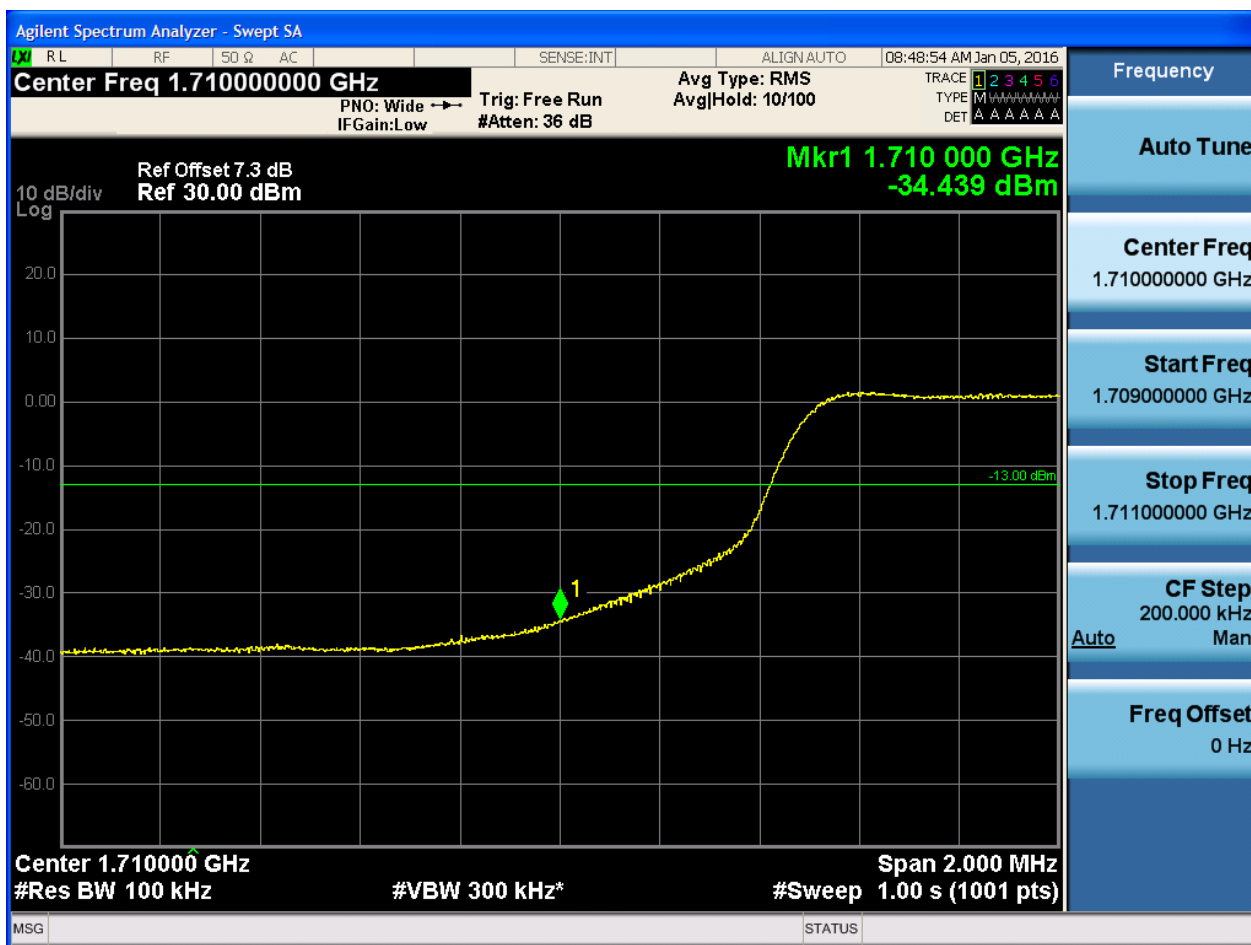


5.1.2.2.1.3 Test RB = RB25#13





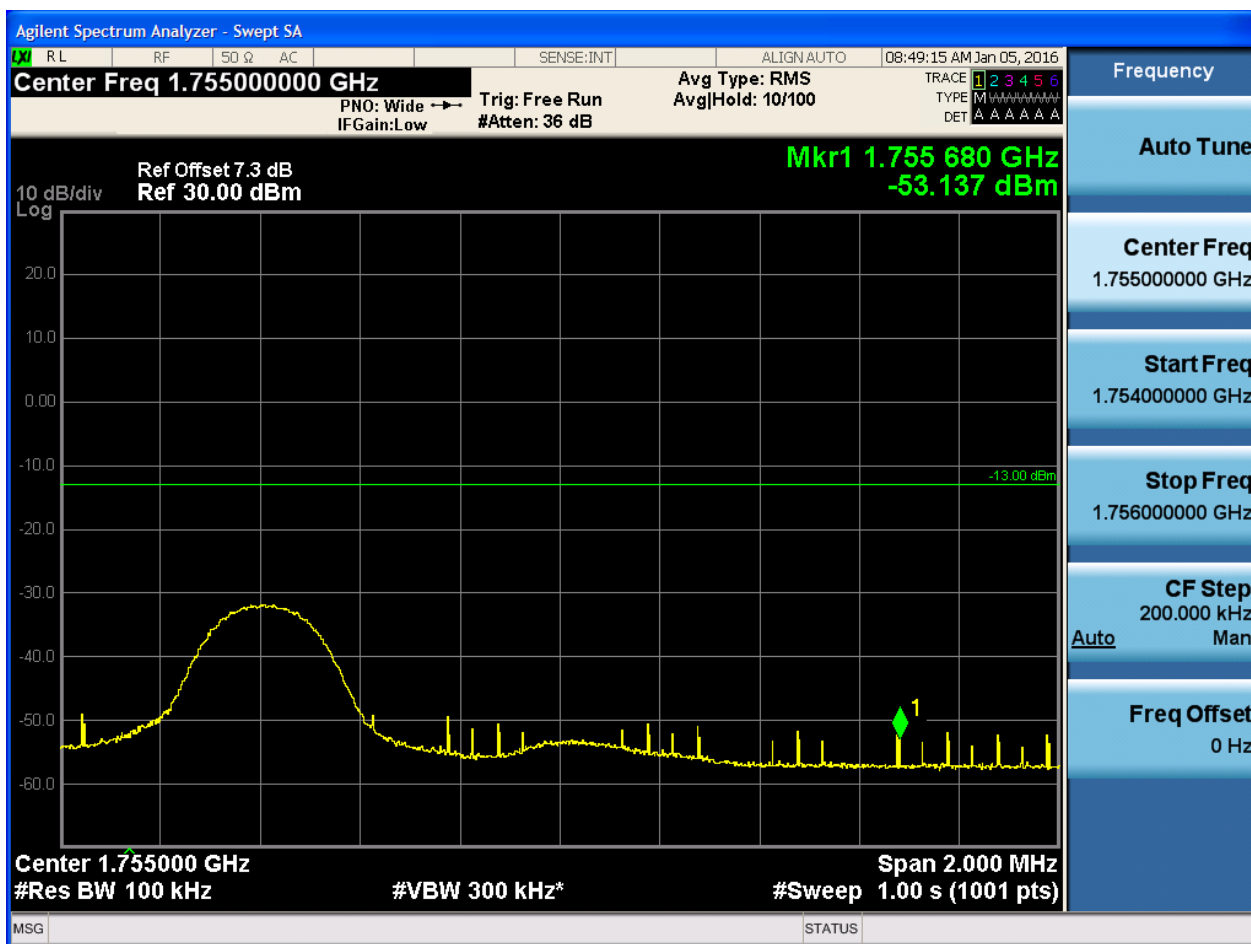
5.1.2.2.1.4 Test RB = RB50#0





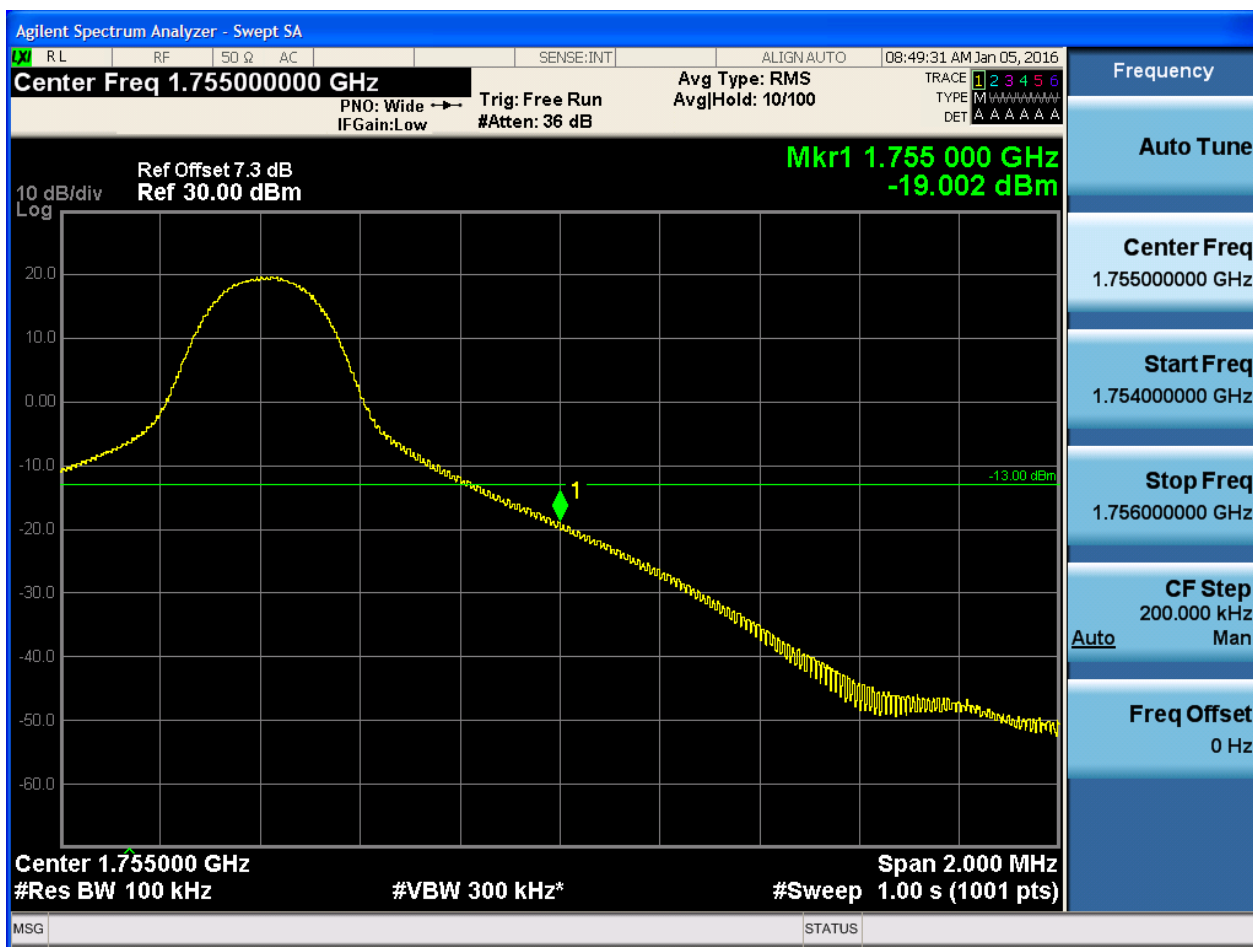
5.1.2.2.2 Test Channel = HCH

5.1.2.2.2.1 Test RB = RB1#0





5.1.2.2.2.2 Test RB = RB1#49



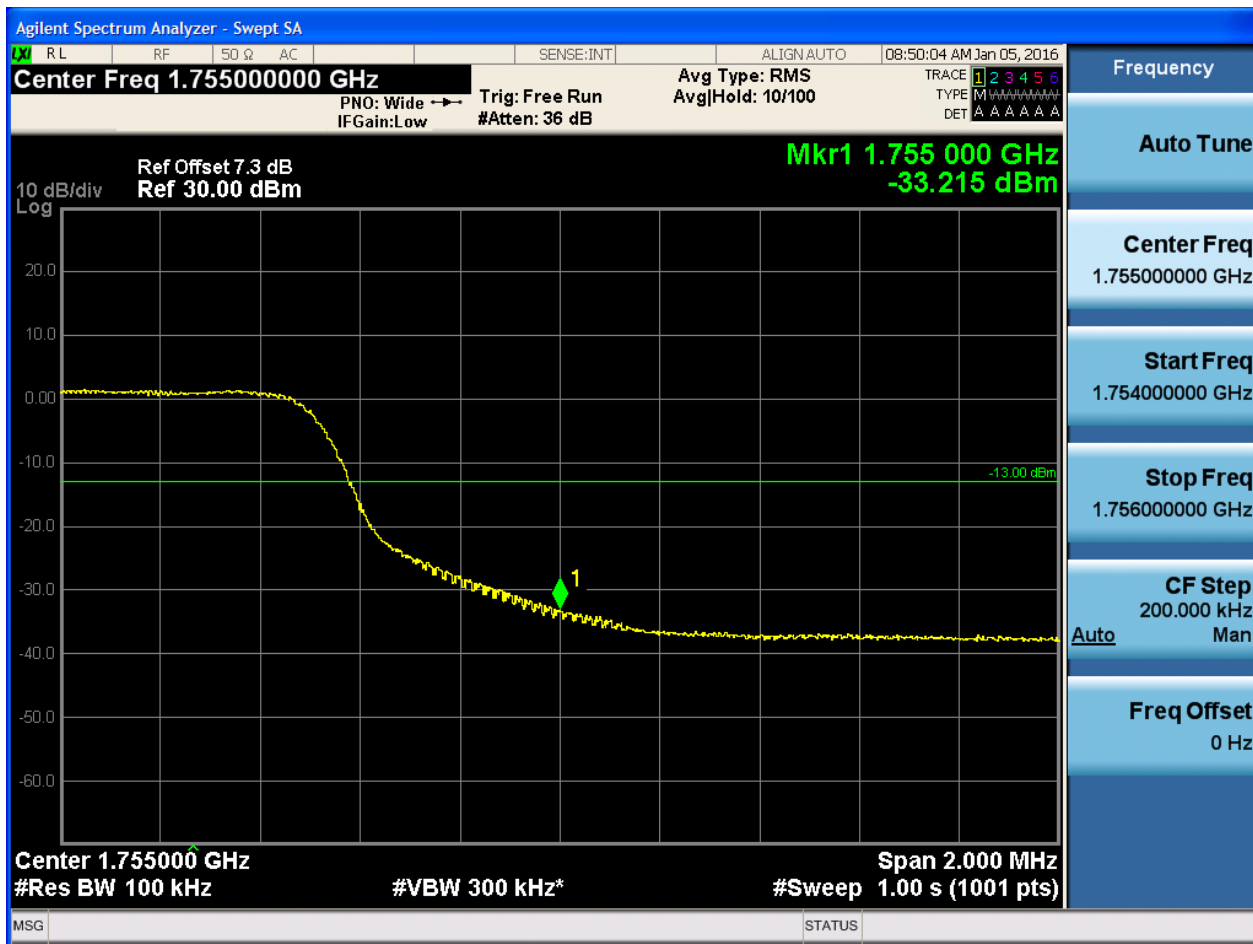


5.1.2.2.2.3 Test RB = RB25#13





5.1.2.2.2.4 Test RB = RB50#0

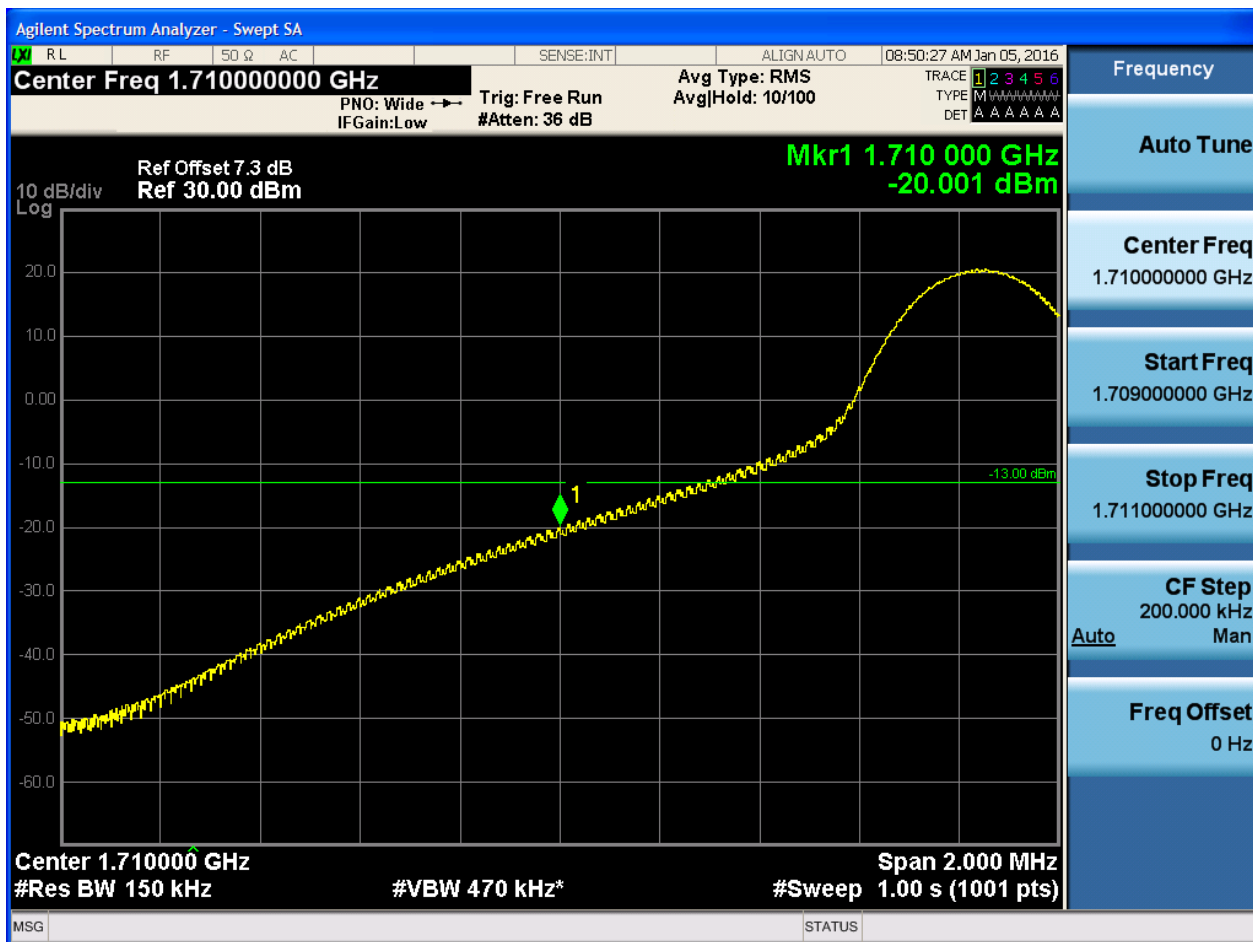




5.1.2.2.3 Test Bandwidth = 15

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#74



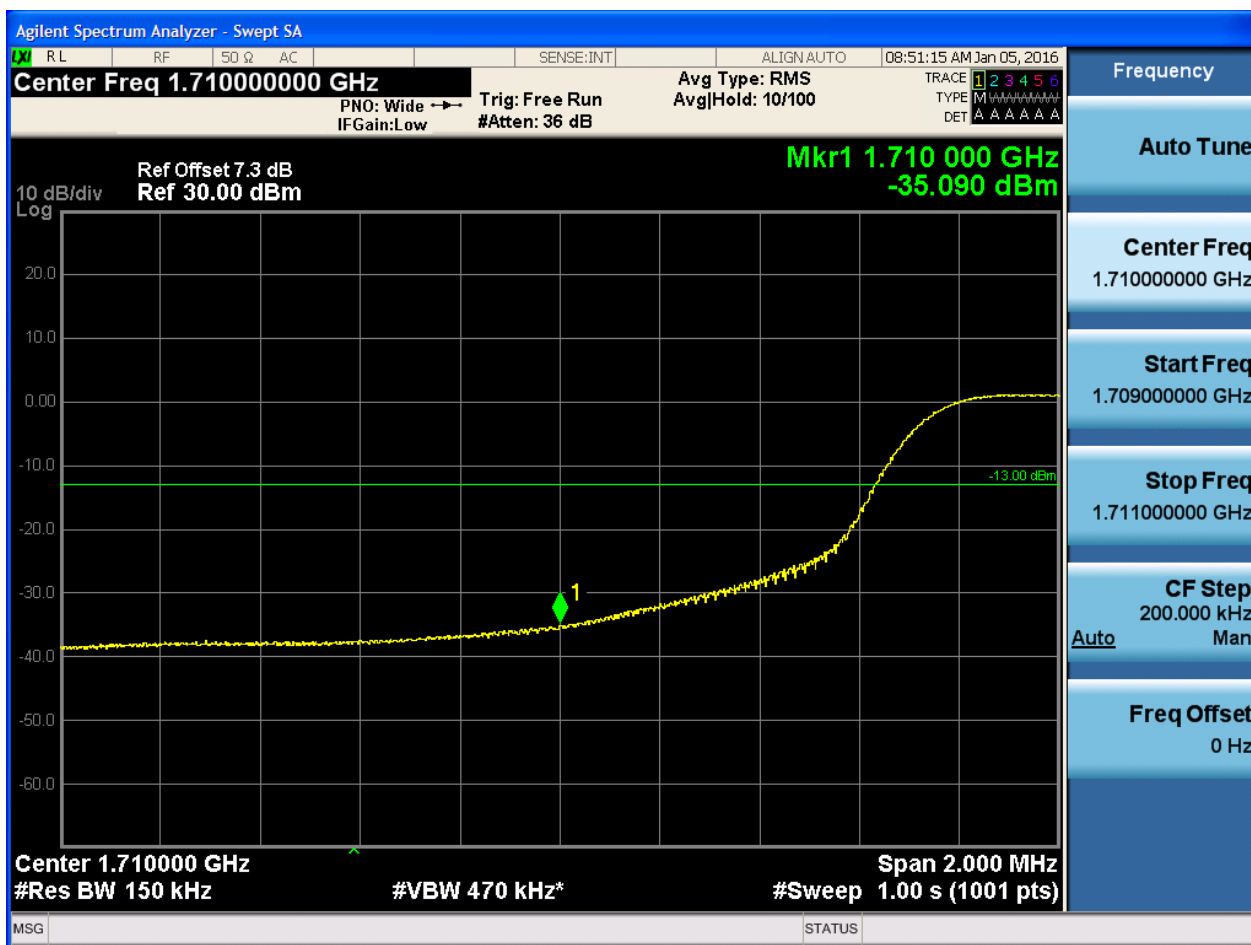


5.1.2.2.3.1.3 Test RB = RB36#18





5.1.2.2.3.1.4 Test RB = RB75#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#74





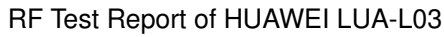
5.1.2.2.3.2.3 Test RB = RB36#18





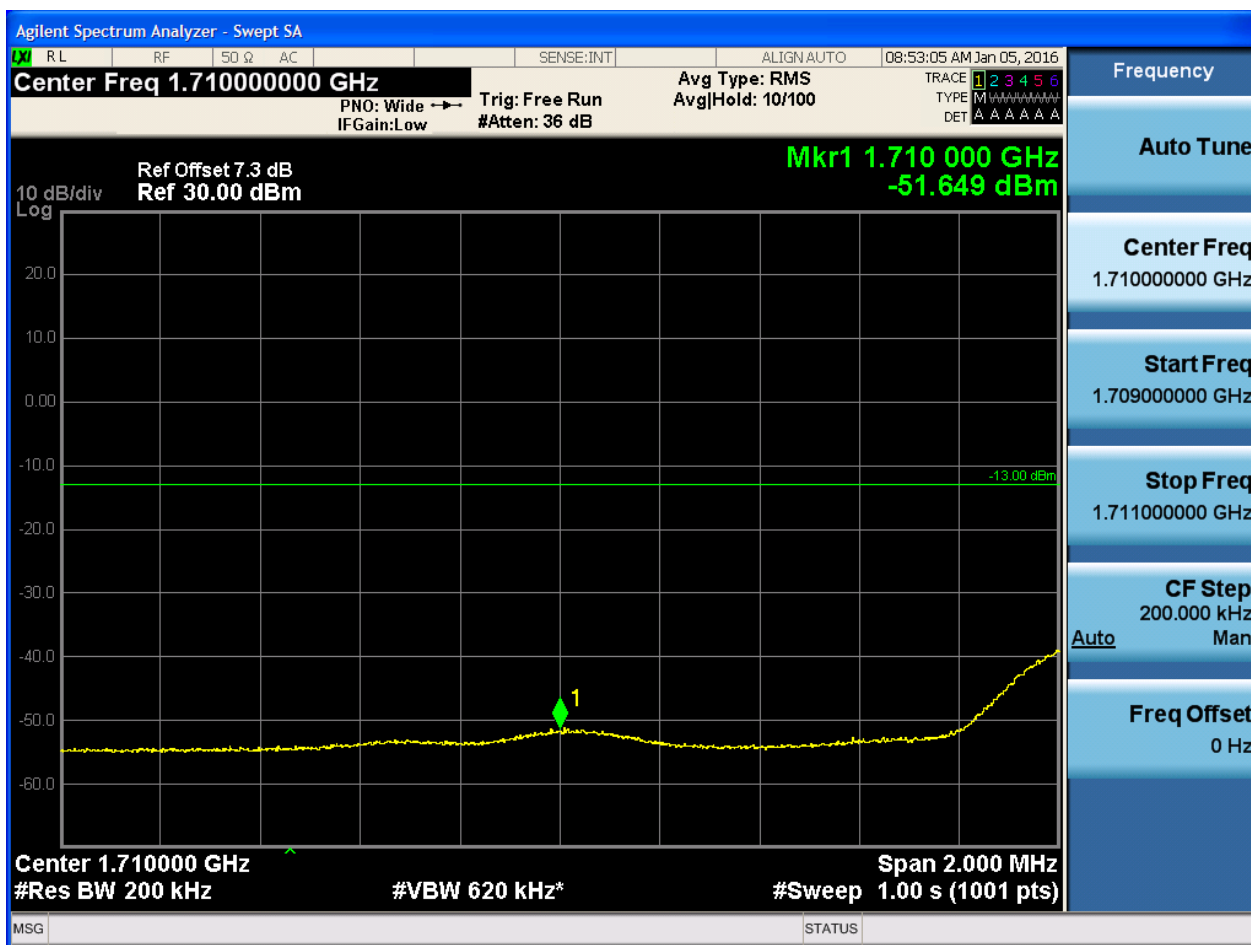
5.1.2.2.3.2.4 Test RB = RB75#0







5.1.2.2.4.1.2 Test RB = RB1#99



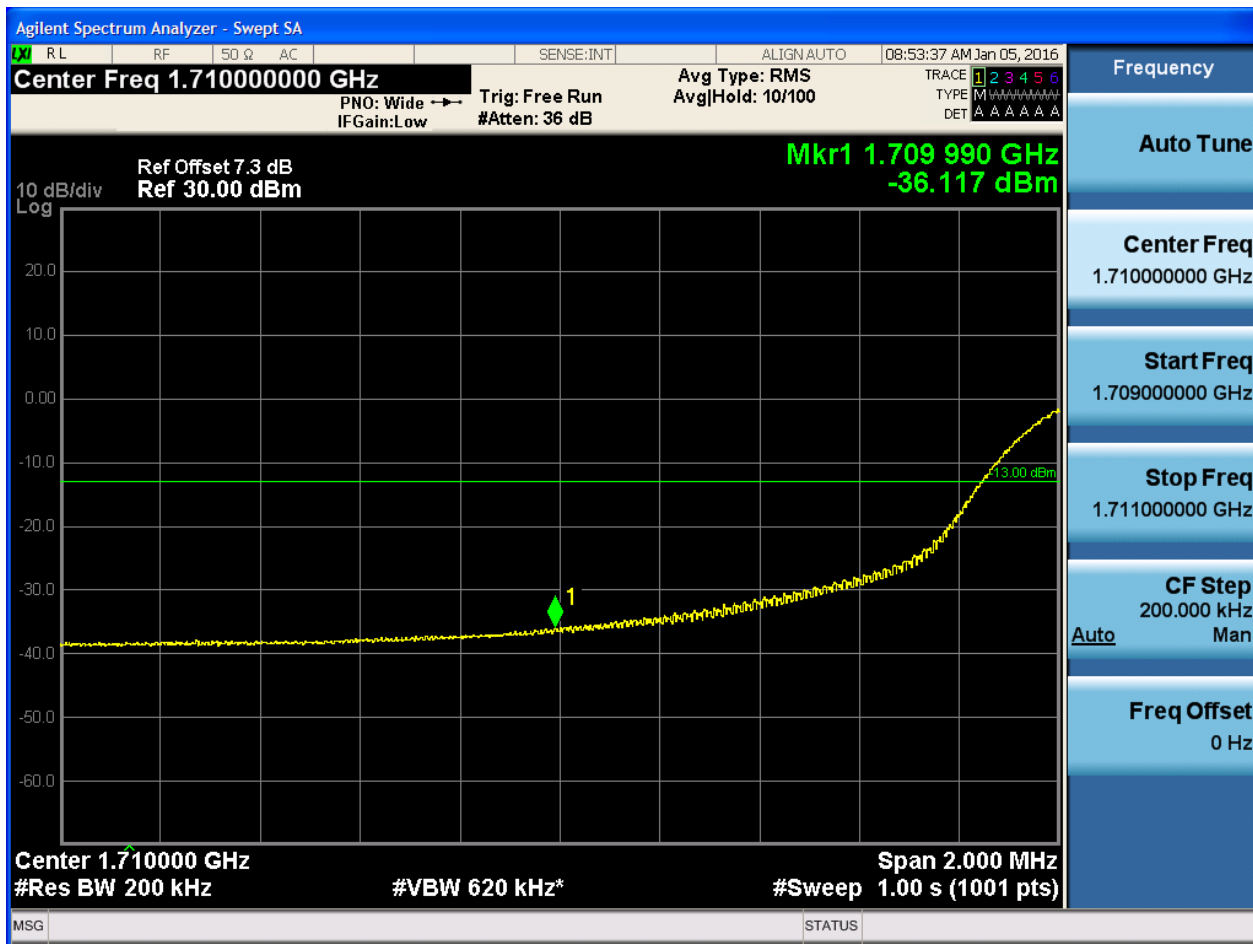


5.1.2.2.4.1.3 Test RB = RB50#25





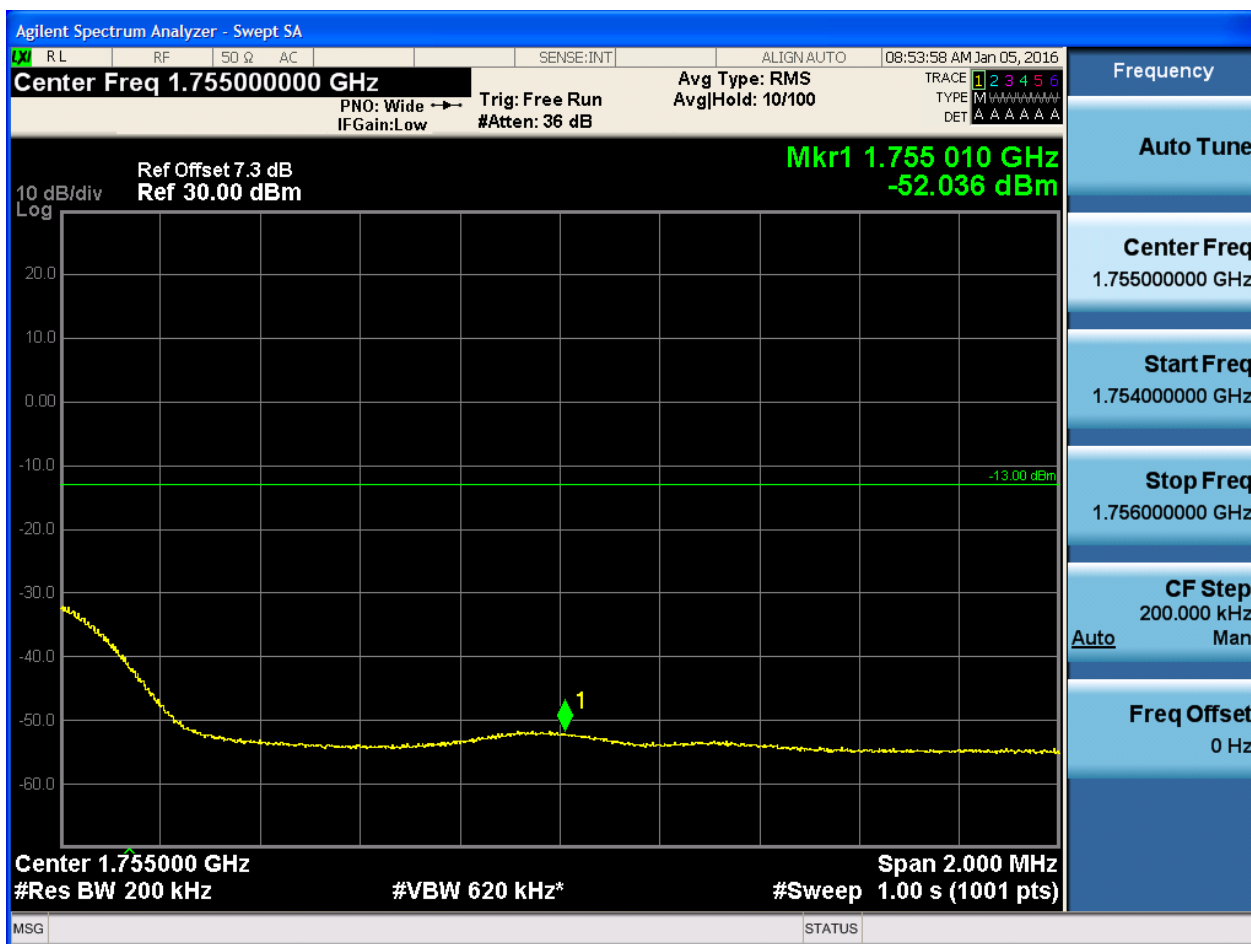
5.1.2.2.4.1.4 Test RB = RB100#0





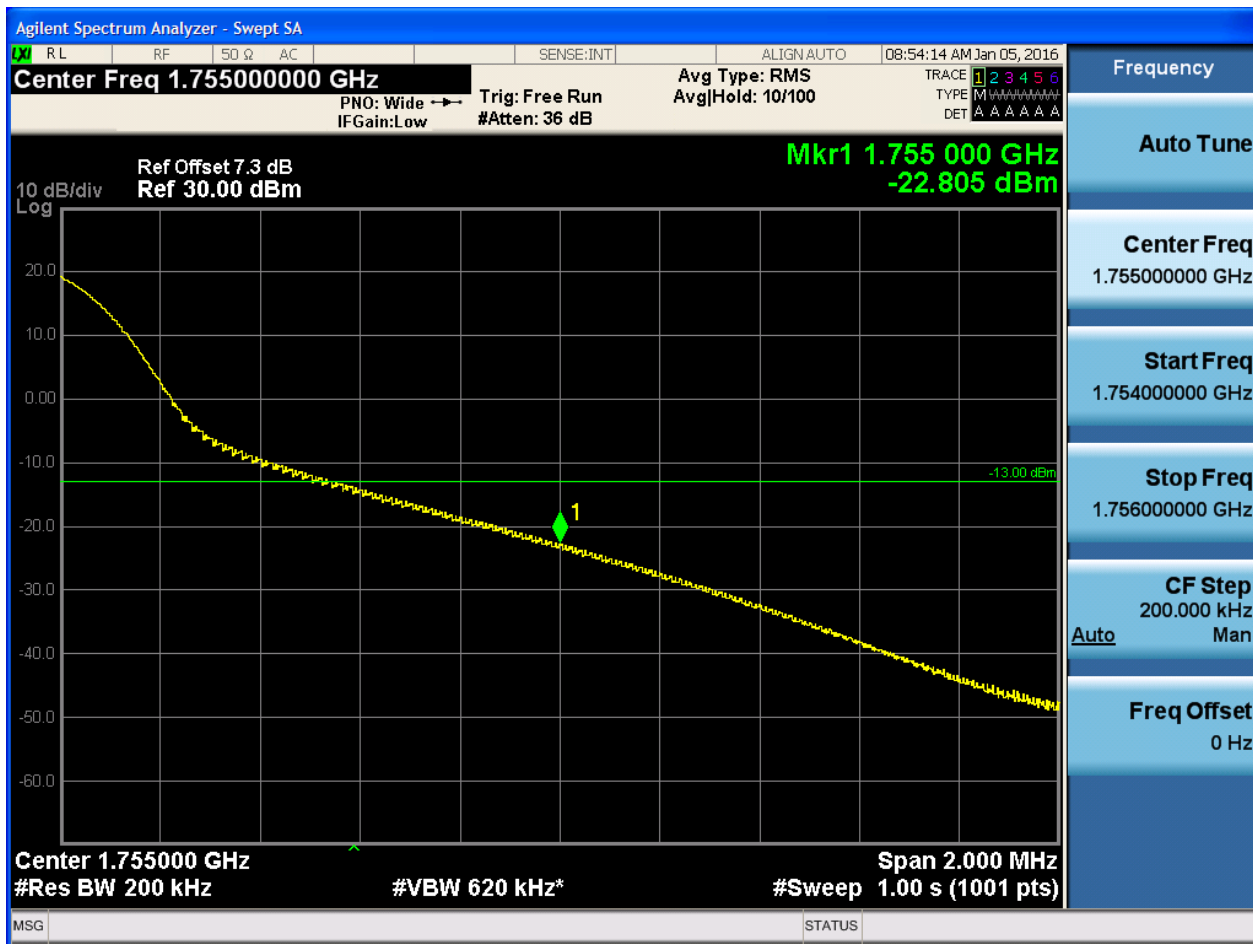
5.1.2.2.4.2 Test Channel = HCH

5.1.2.2.4.2.1 Test RB = RB1#0





5.1.2.2.4.2.2 Test RB = RB1#99





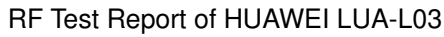
5.1.2.2.4.2.3 Test RB = RB50#25



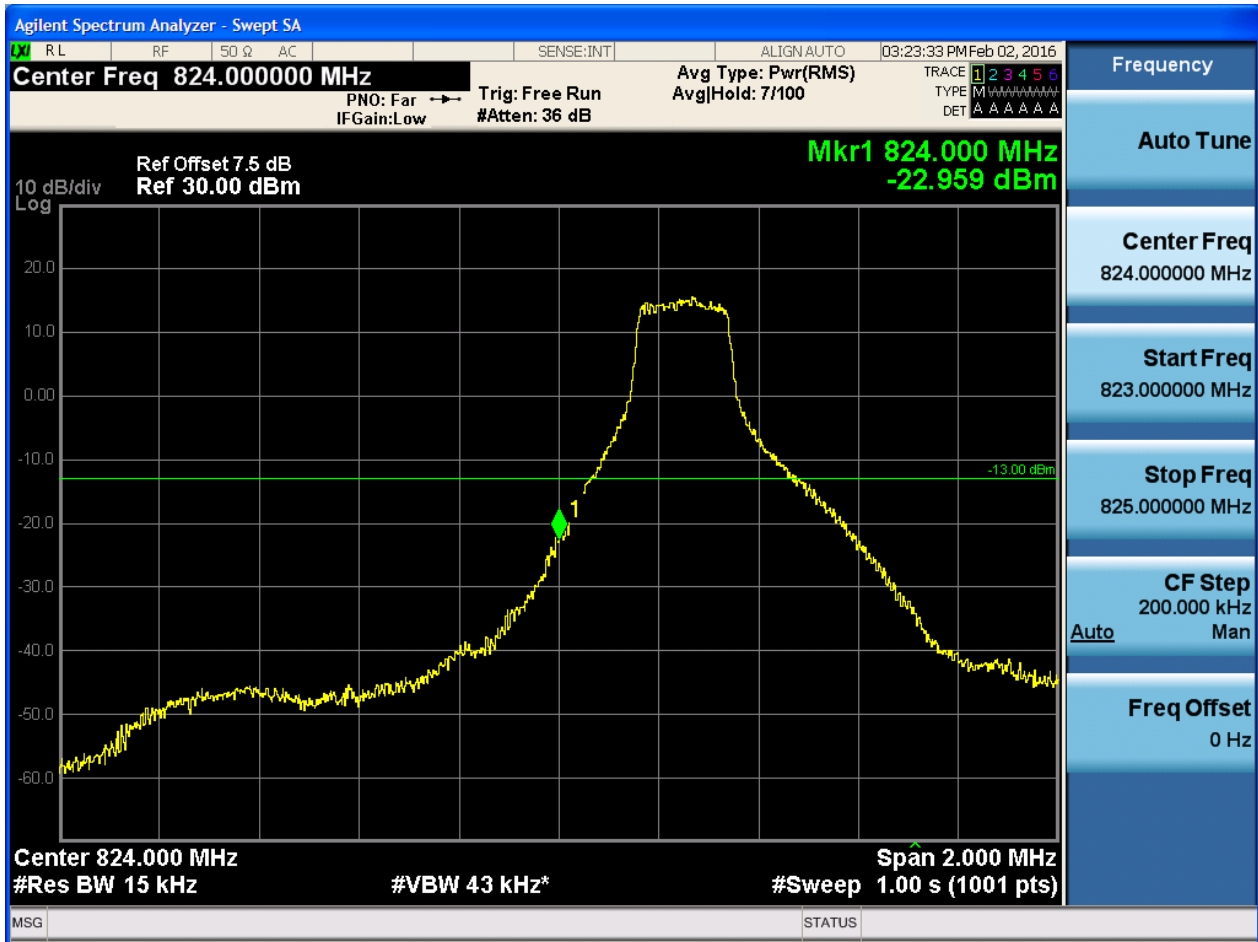


5.1.2.2.4.2.4 Test RB = RB100#0



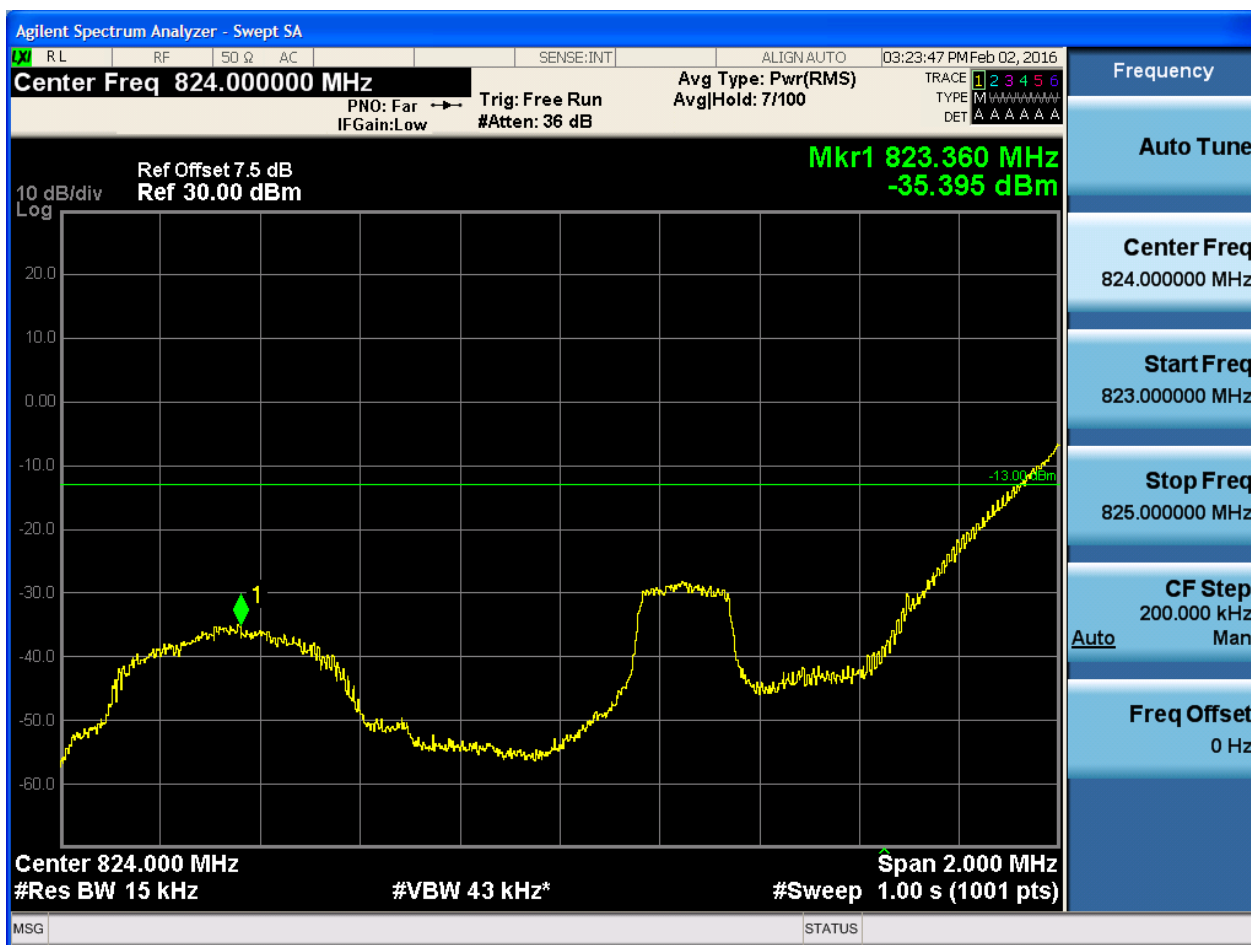


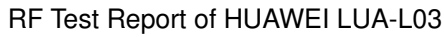
5.1.1.1.1.1.1 Test RB = RB1#0





5.1.1.1.1.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 03:24:01 PM Feb 02, 2016

Center Freq 824.000000 MHz Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
PNO: Far Trig: Free Run Avg|Hold: 7/100 TYPE M W W W W W W W
IFGain: Low #Atten: 36 dB DET A A A A A A

Ref Offset 7.5 dB Mkr1 824.000 MHz
Ref 30.00 dBm -32.640 dBm

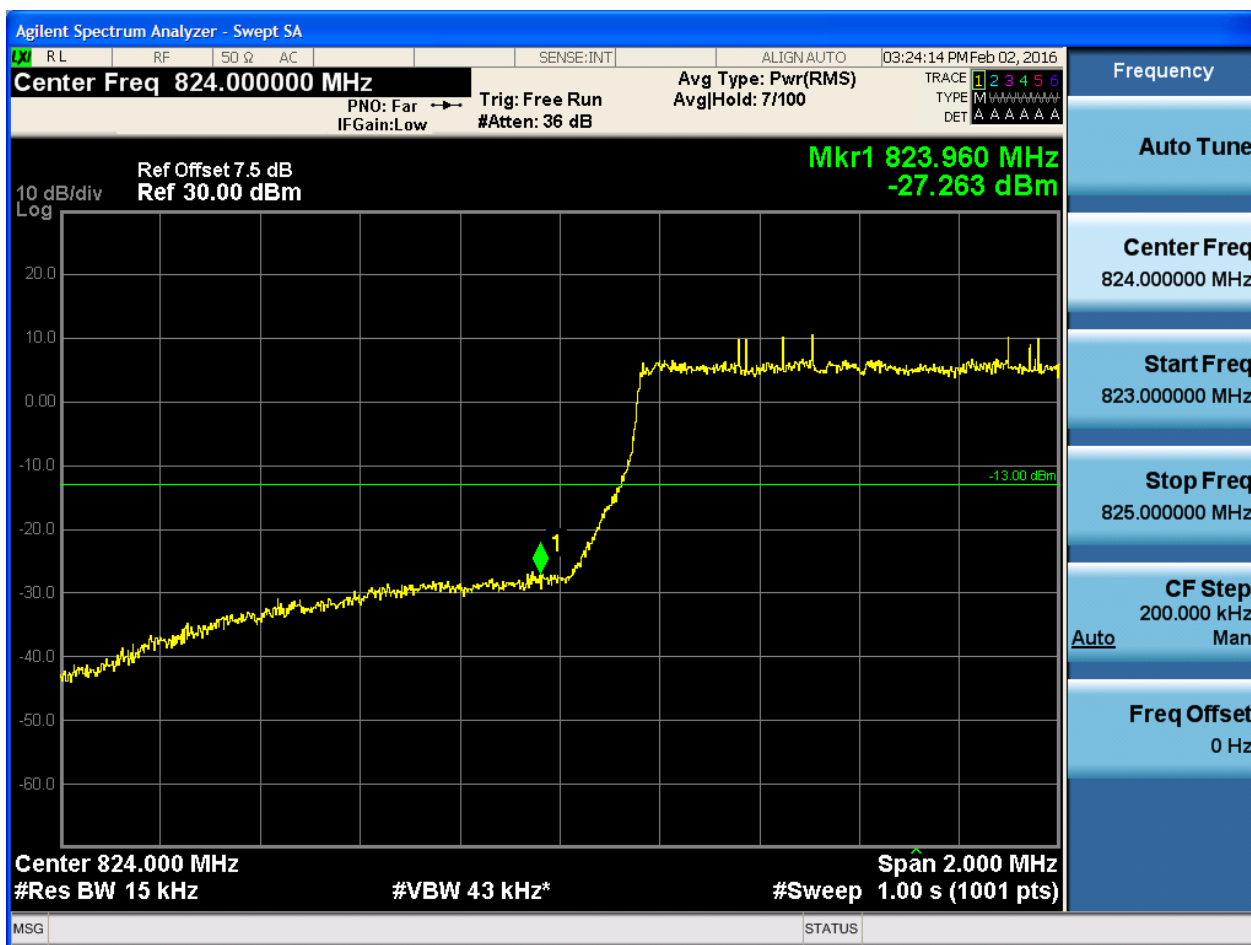
10 dB/div Log

Center 824.000 MHz Span 2.000 MHz
#Res BW 15 kHz #VBW 43 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS



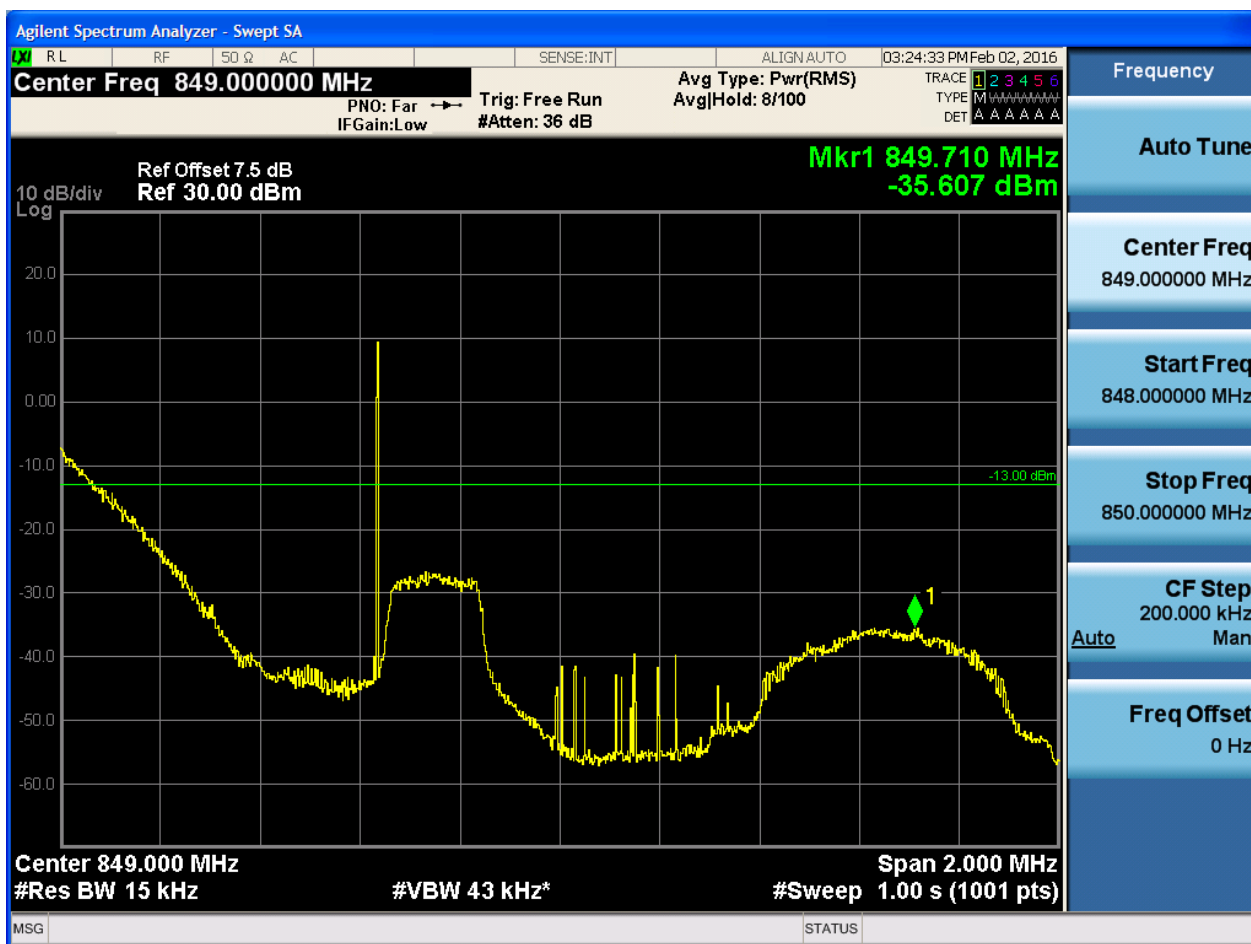
5.1.1.1.1.4 Test RB = RB6#0

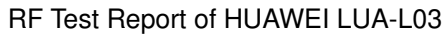




5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-22.806 dBm

Center 849.000 MHz
#Res BW 15 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

Freq Offset
0 Hz

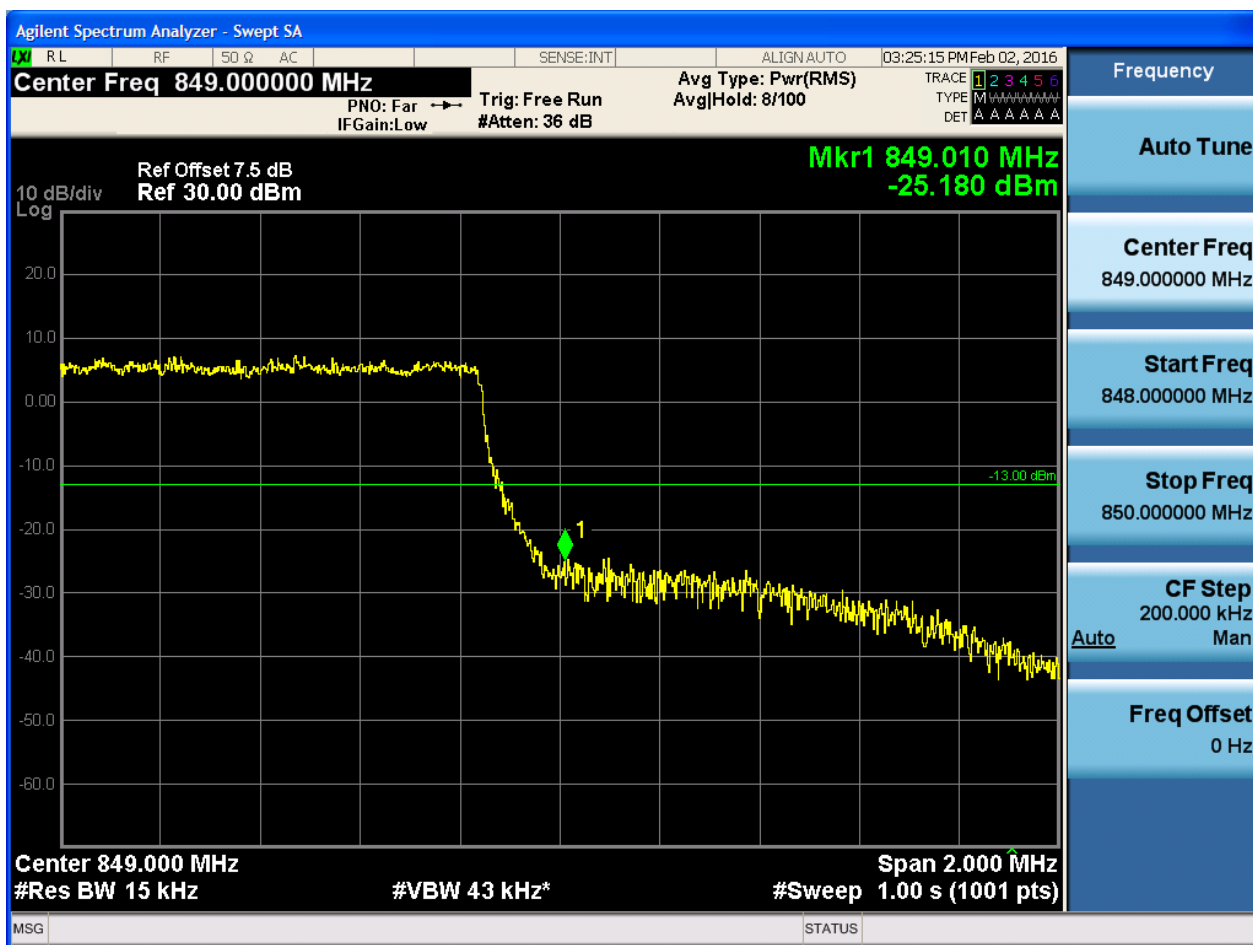


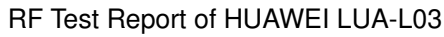
5.1.1.1.2.3 Test RB = RB3#2





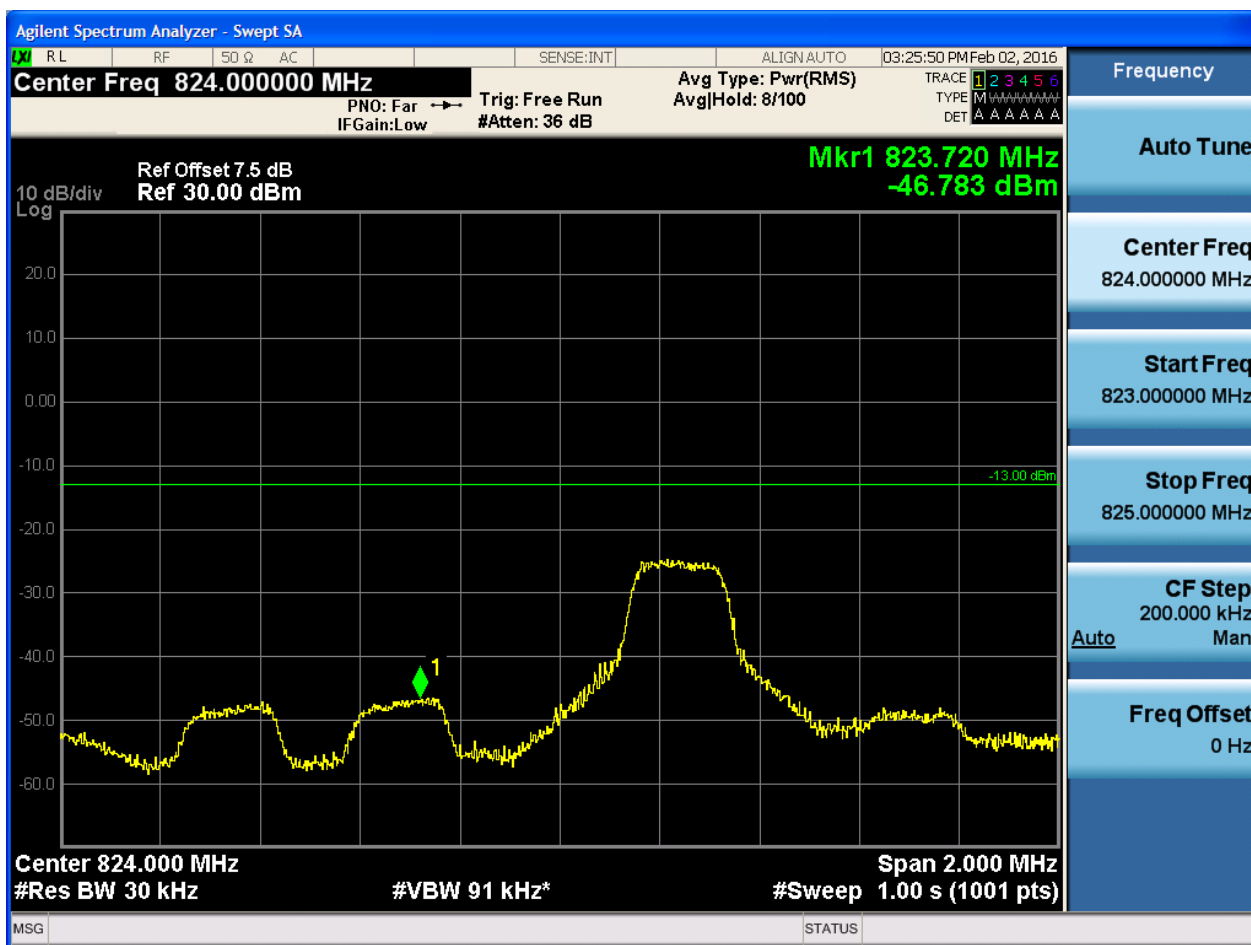
5.1.1.1.2.4 Test RB = RB6#0





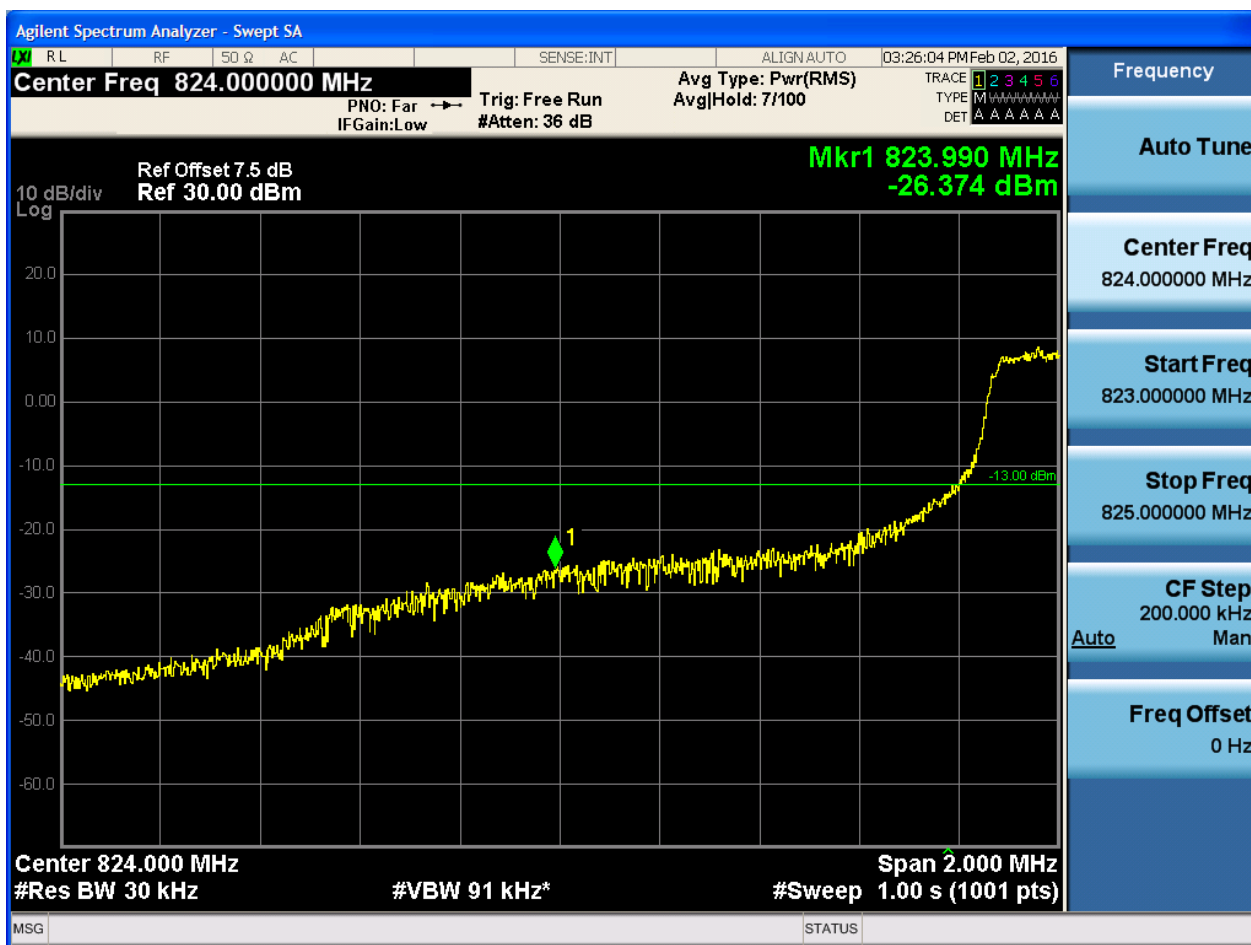


5.1.1.1.2.1.2 Test RB = RB1#14



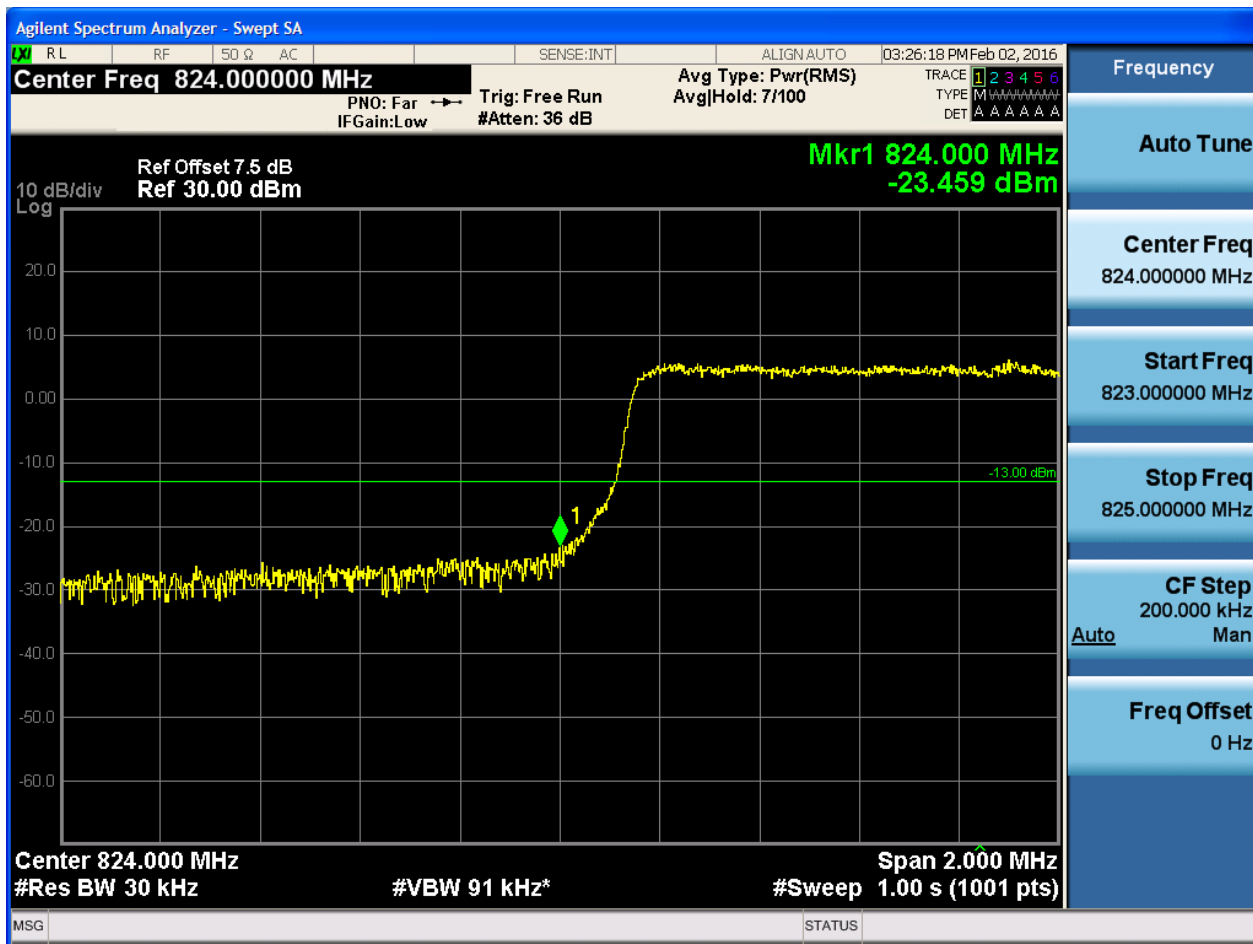


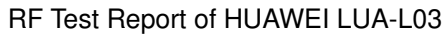
5.1.1.1.2.1.3 Test RB = RB8#4



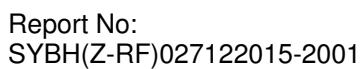


5.1.1.1.2.1.4 Test RB = RB15#0



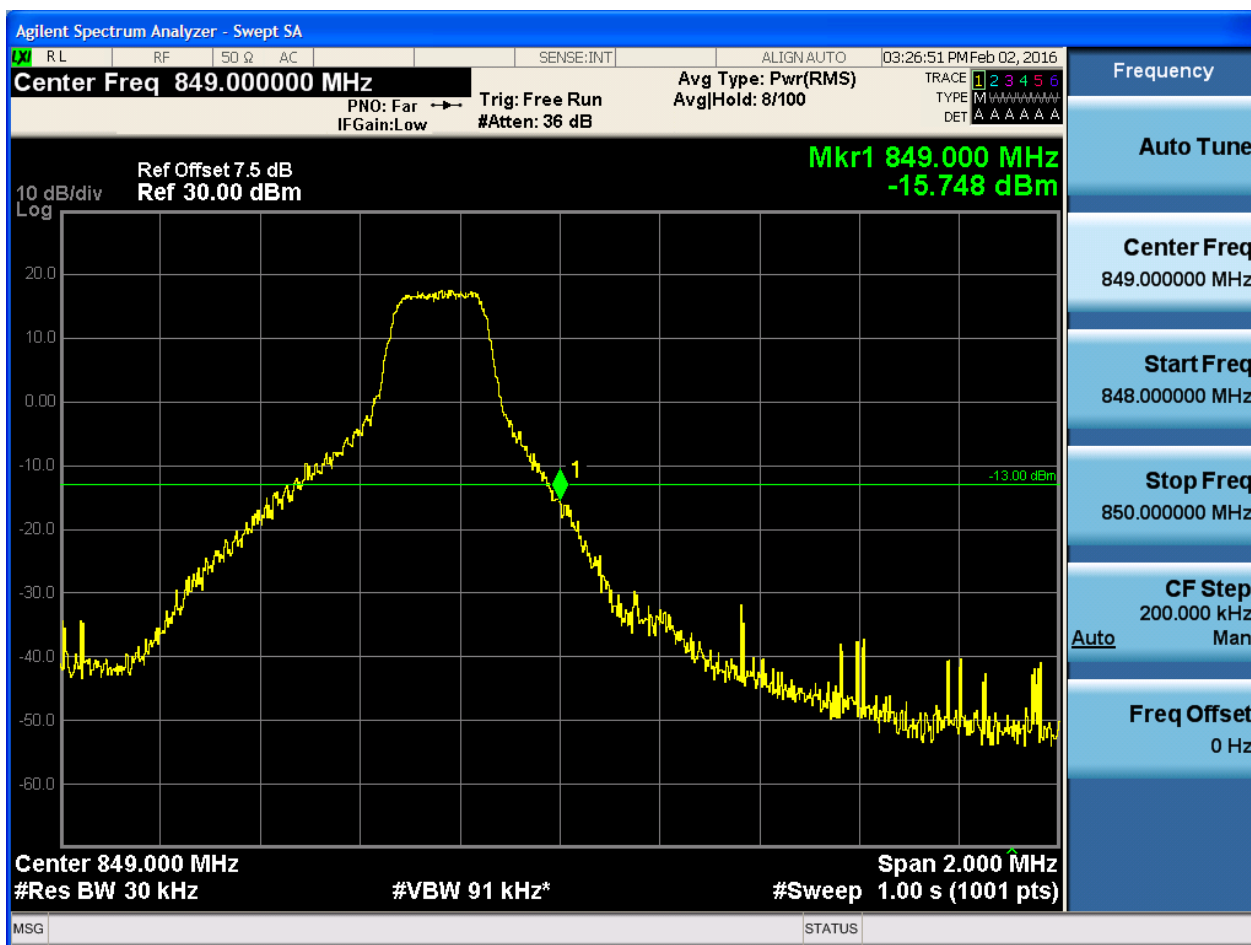


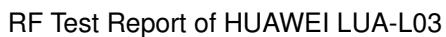
5.1.1.1.2.2.1 Test RB = RB1#0





5.1.1.1.2.2.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 03:27:05 PM Feb 02, 2016

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

PN0: Far Trig: Free Run

IFGain: Low #Atten: 36 dB

TRACE 1 2 3 4 5 6

TYPE [M] [] [] [] [] []

DET A A A A A A

Ref Offset 7.5 dB

Ref 30.00 dBm

Mkr1 849.020 MHz

-25.549 dBm

10 dB/div

Log

-13.00 dBm

Center 849.000 MHz

#Res BW 30 kHz

#VBW 91 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

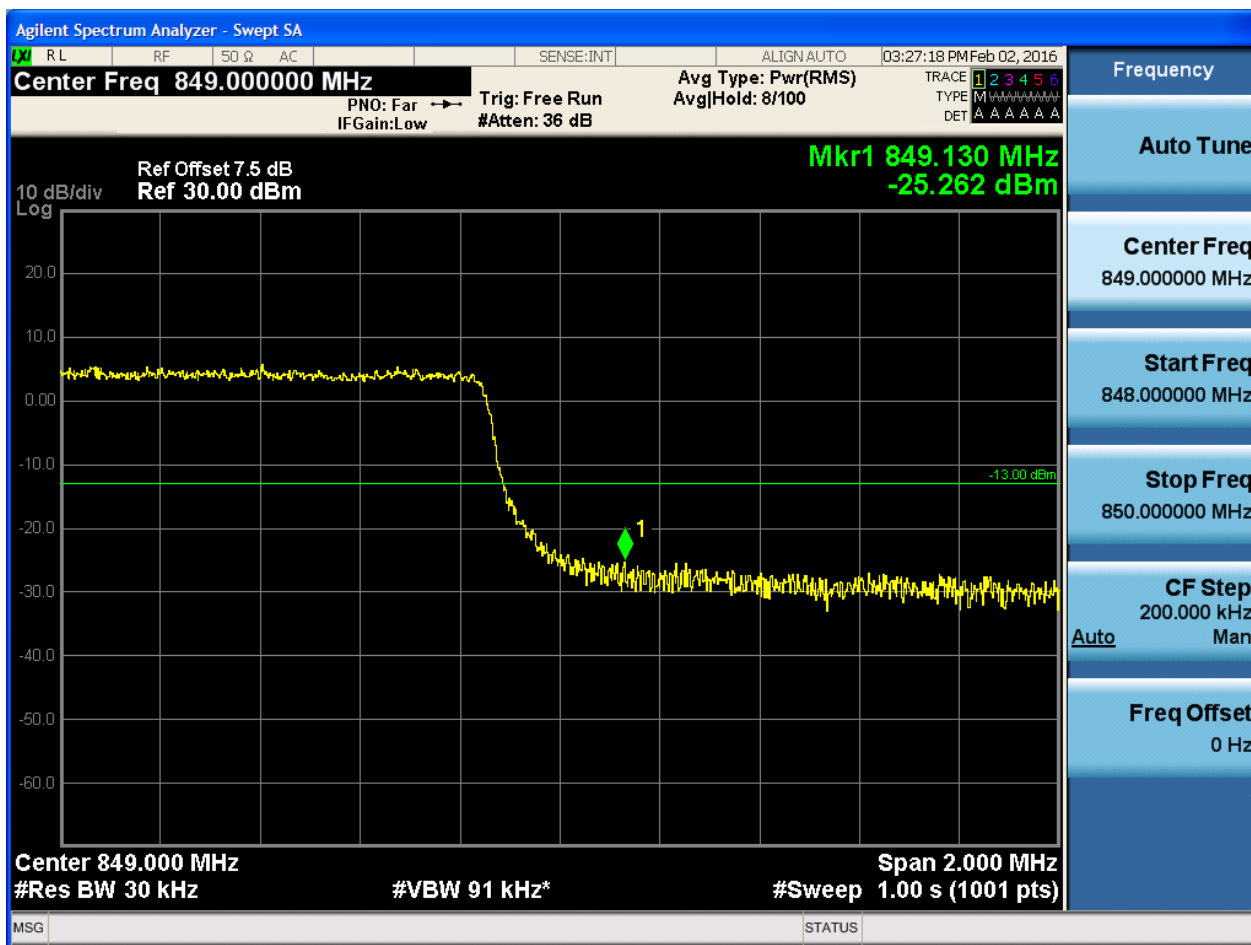
Auto Man

Freq Offset

0 Hz



5.1.1.1.2.2.4 Test RB = RB15#0

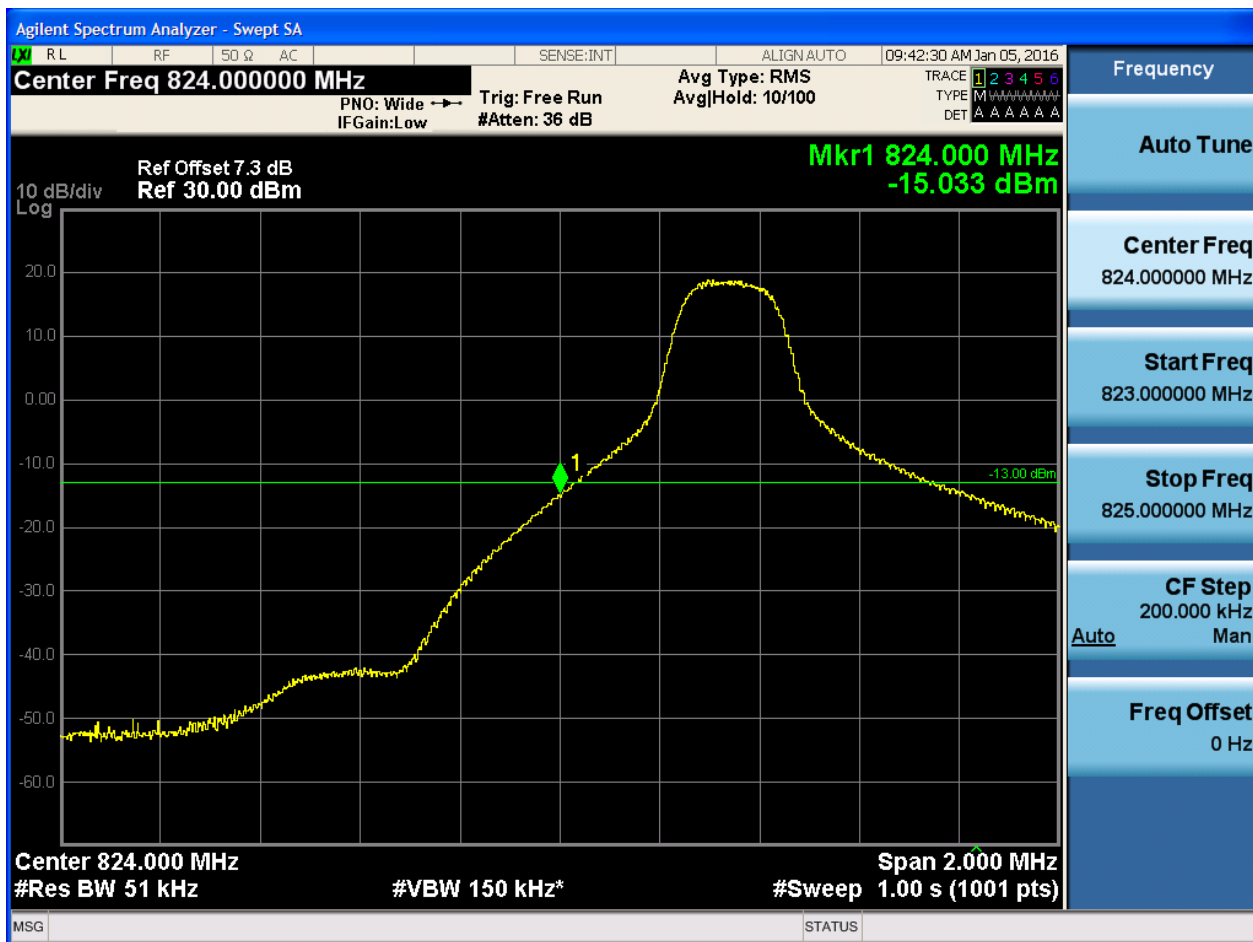




5.1.3.1.1 Test Bandwidth = 5

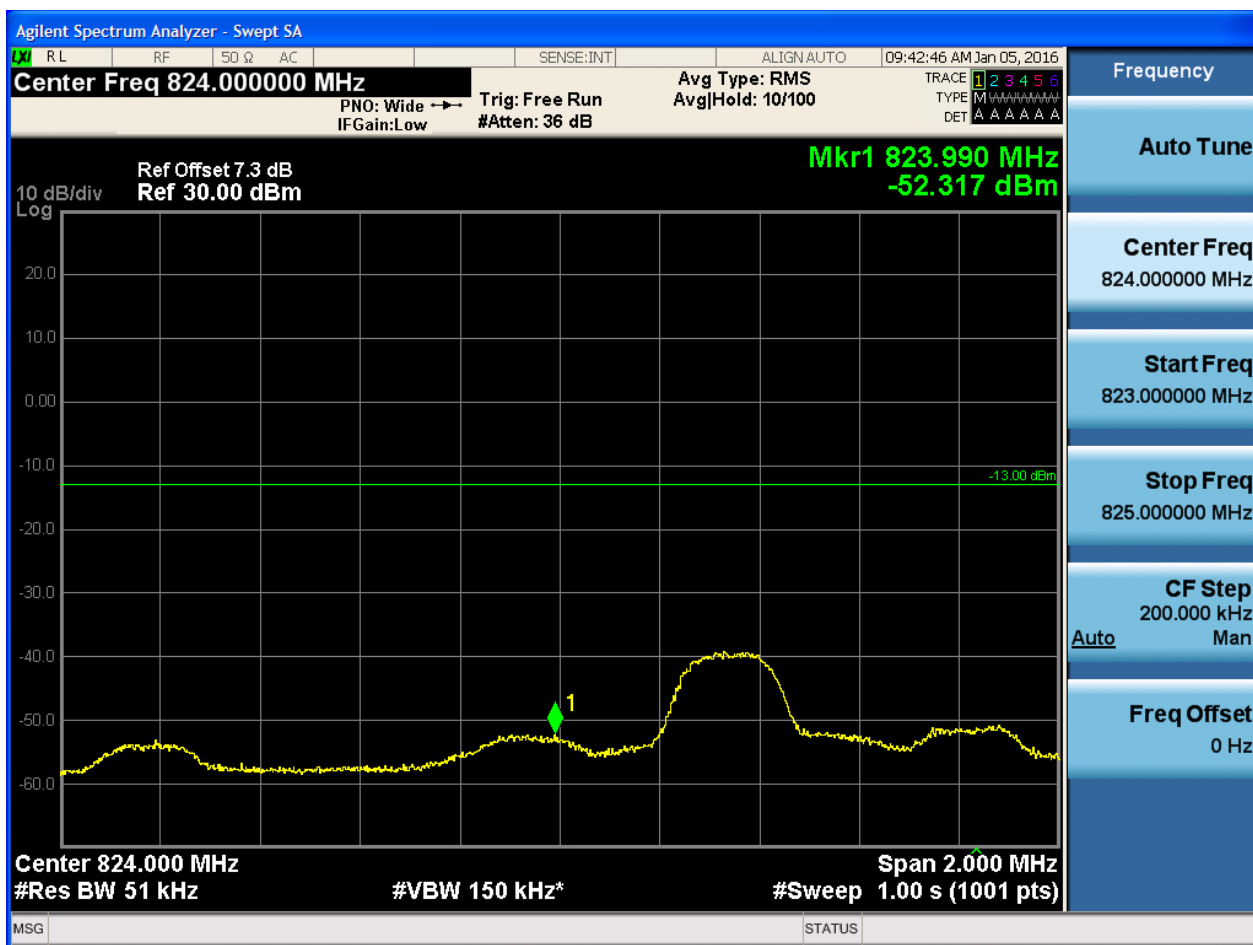
5.1.3.1.1.1 Test Channel = LCH

5.1.3.1.1.1.1 Test RB = RB1#0



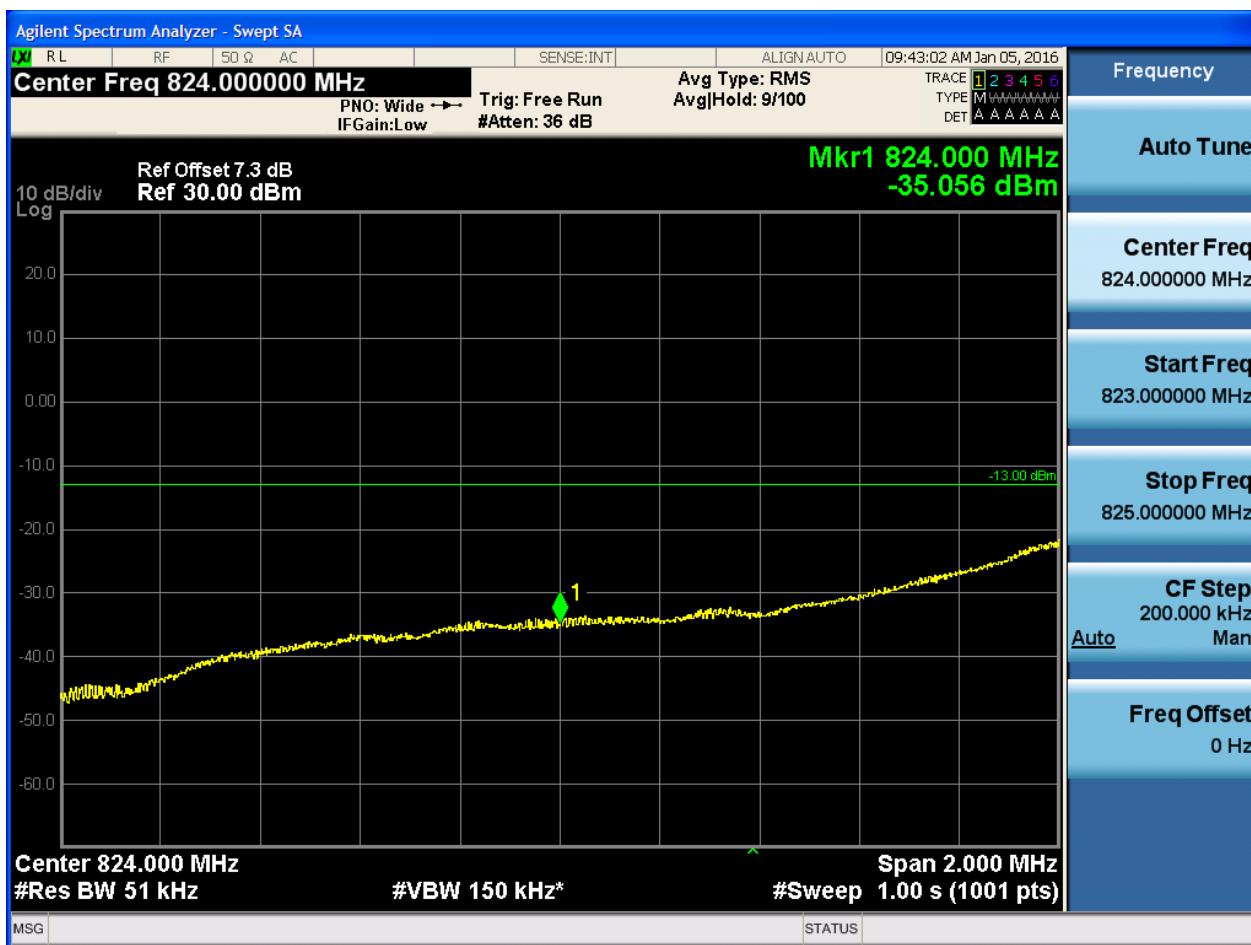


5.1.3.1.1.2 Test RB = RB1#24



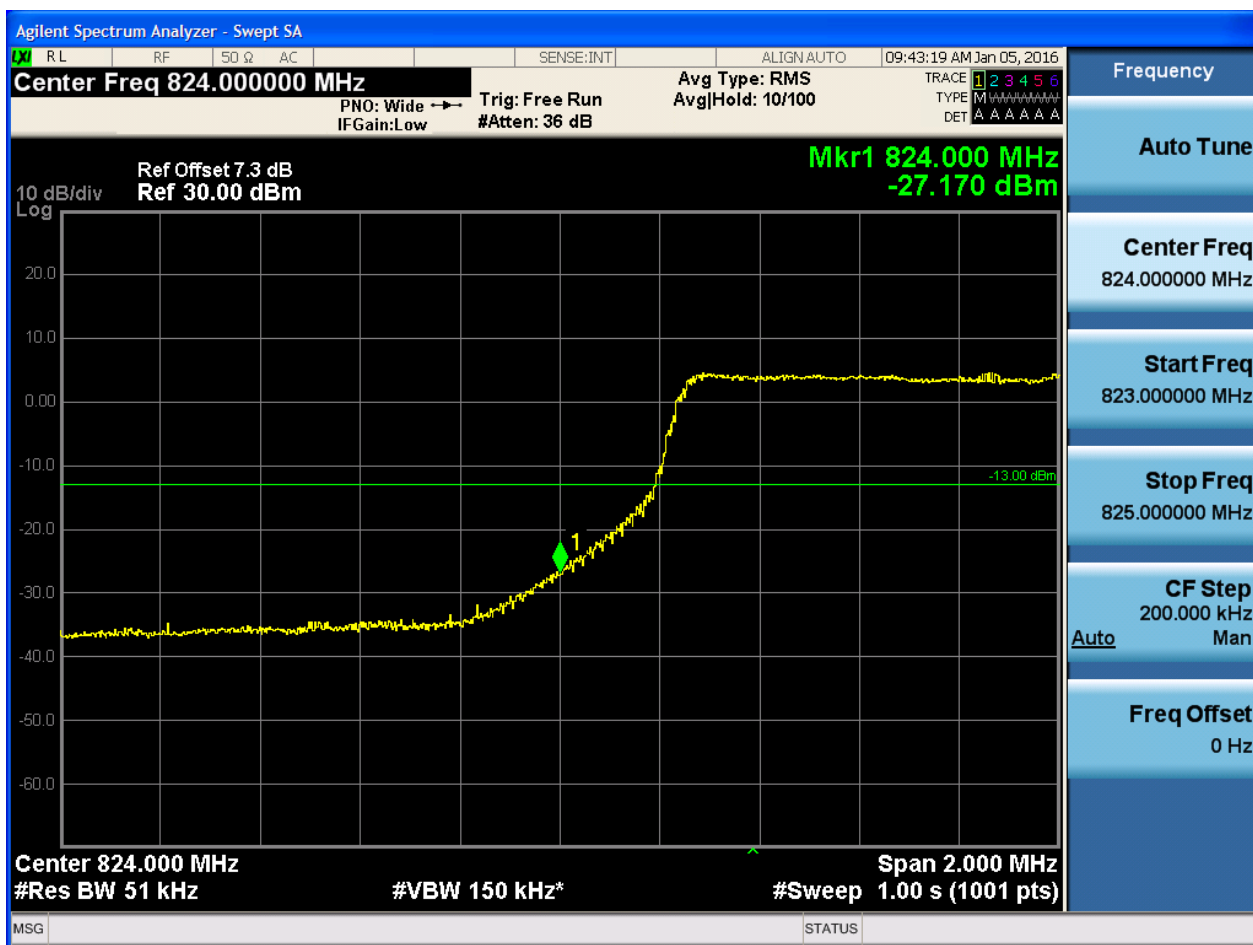


5.1.3.1.1.3 Test RB = RB12#6





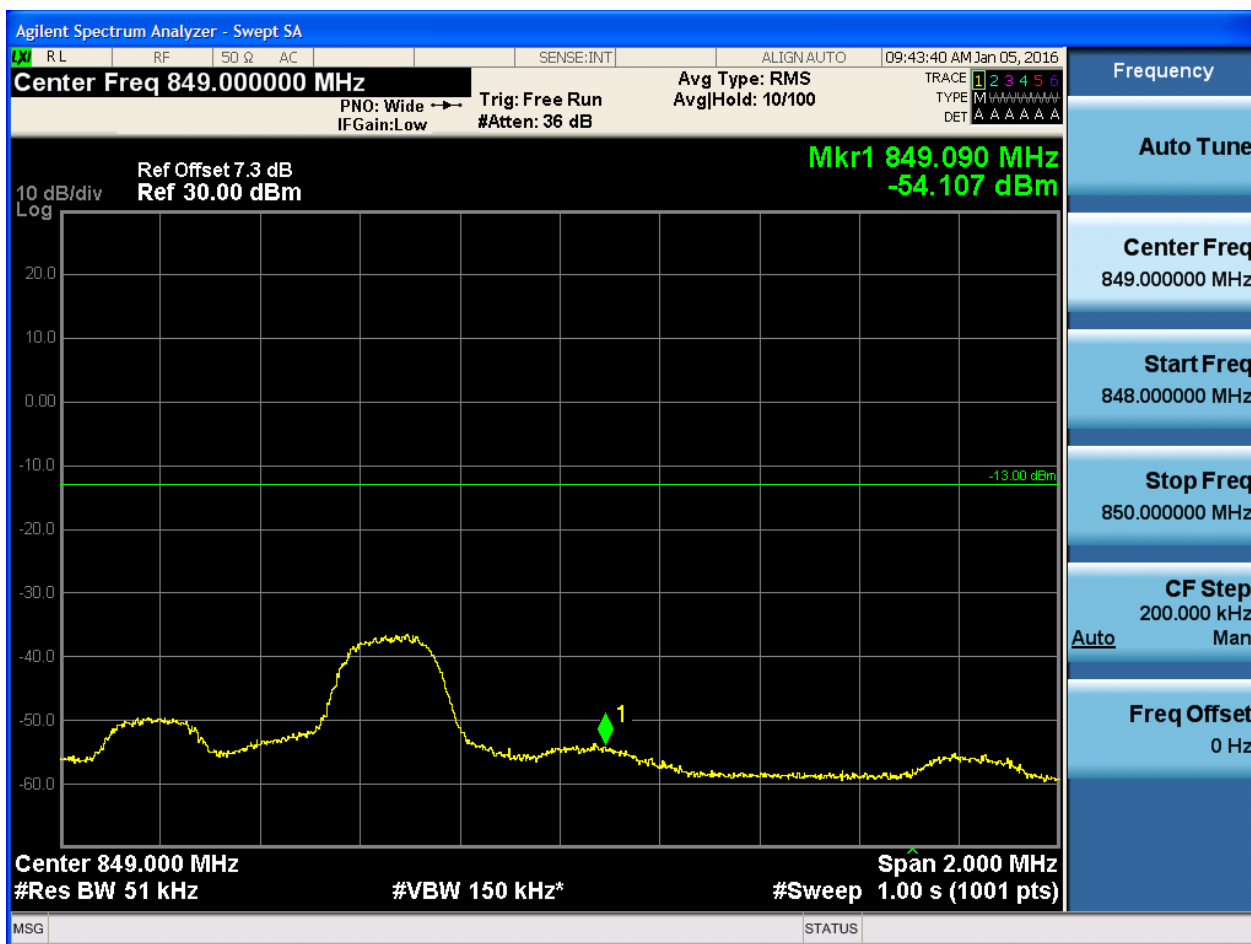
5.1.3.1.1.4 Test RB = RB25#0





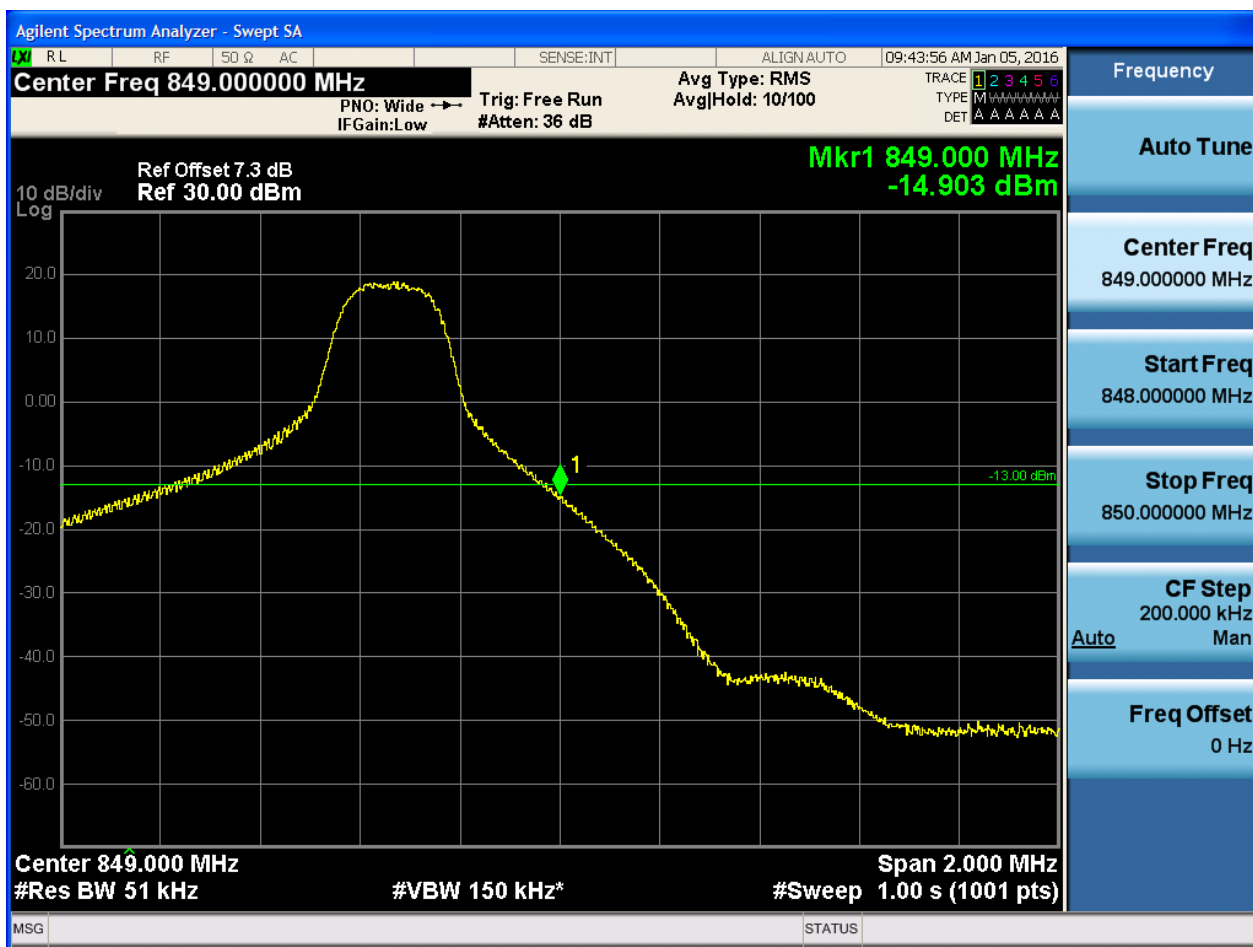
5.1.3.1.1.2 Test Channel = HCH

5.1.3.1.1.2.1 Test RB = RB1#0





5.1.3.1.1.2.2 Test RB = RB1#24





5.1.3.1.1.2.3 Test RB = RB12#6





5.1.3.1.1.2.4 Test RB = RB25#0

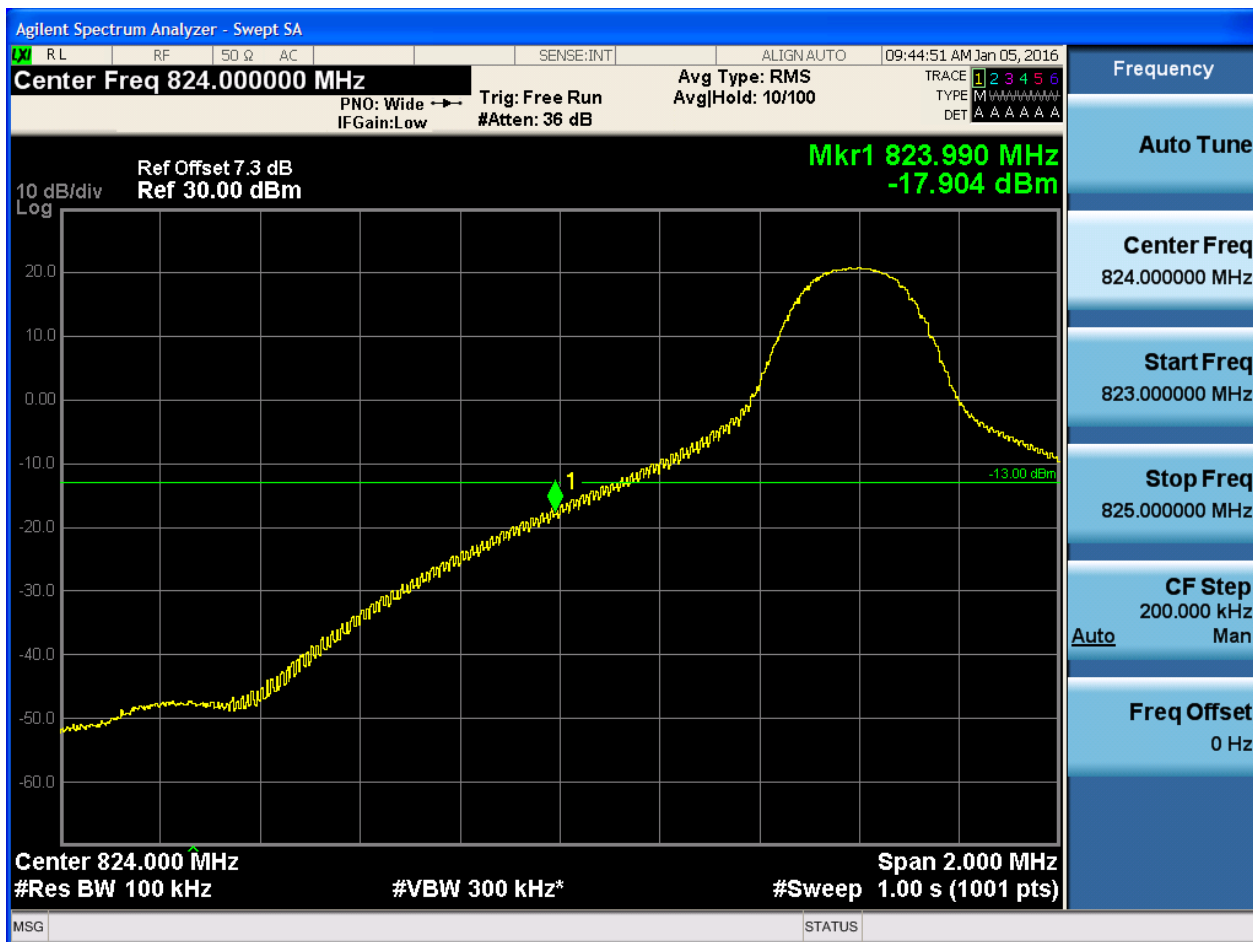




5.1.3.1.2 Test Bandwidth = 10

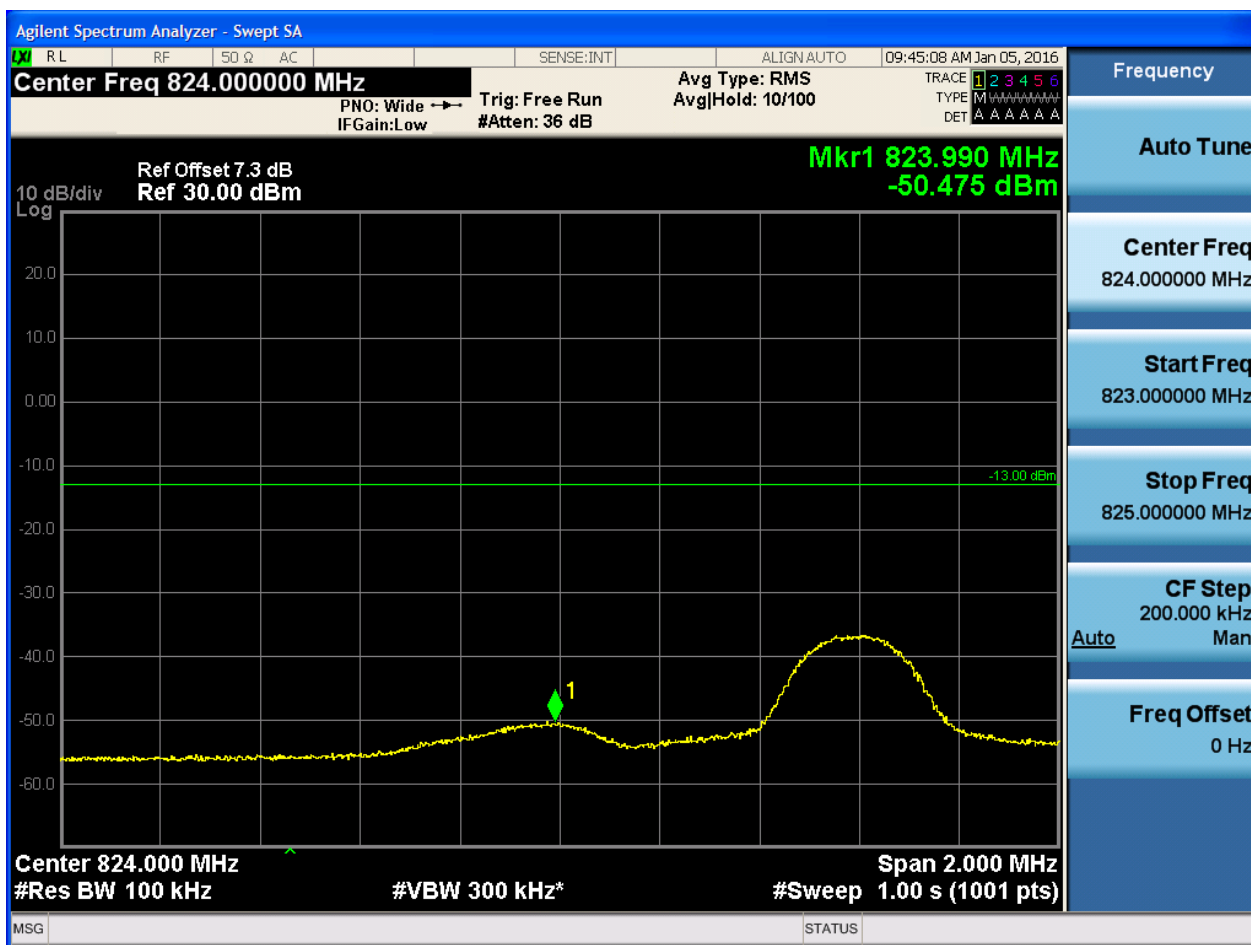
5.1.3.1.2.1 Test Channel = LCH

5.1.3.1.2.1.1 Test RB = RB1#0



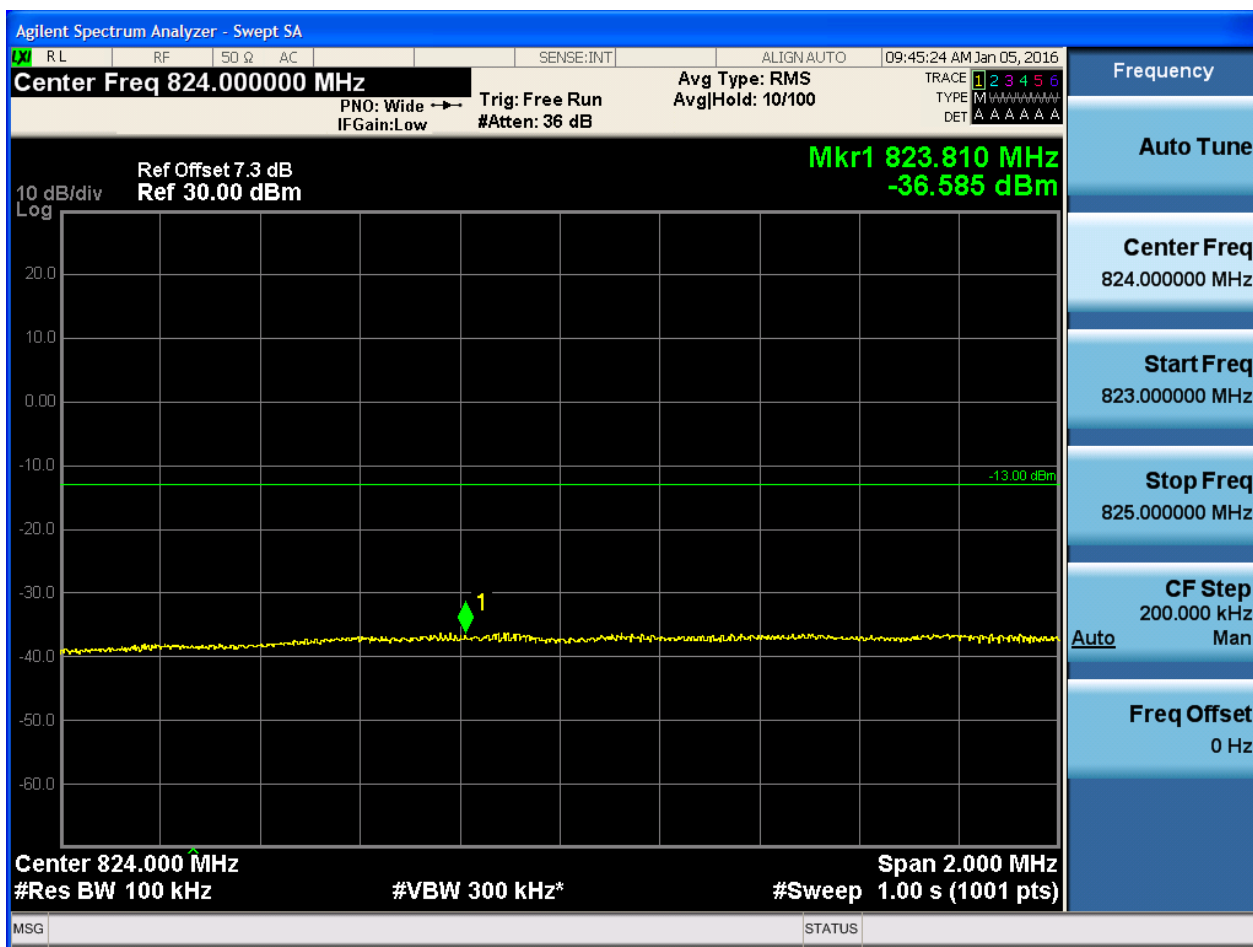


5.1.3.1.2.1.2 Test RB = RB1#49



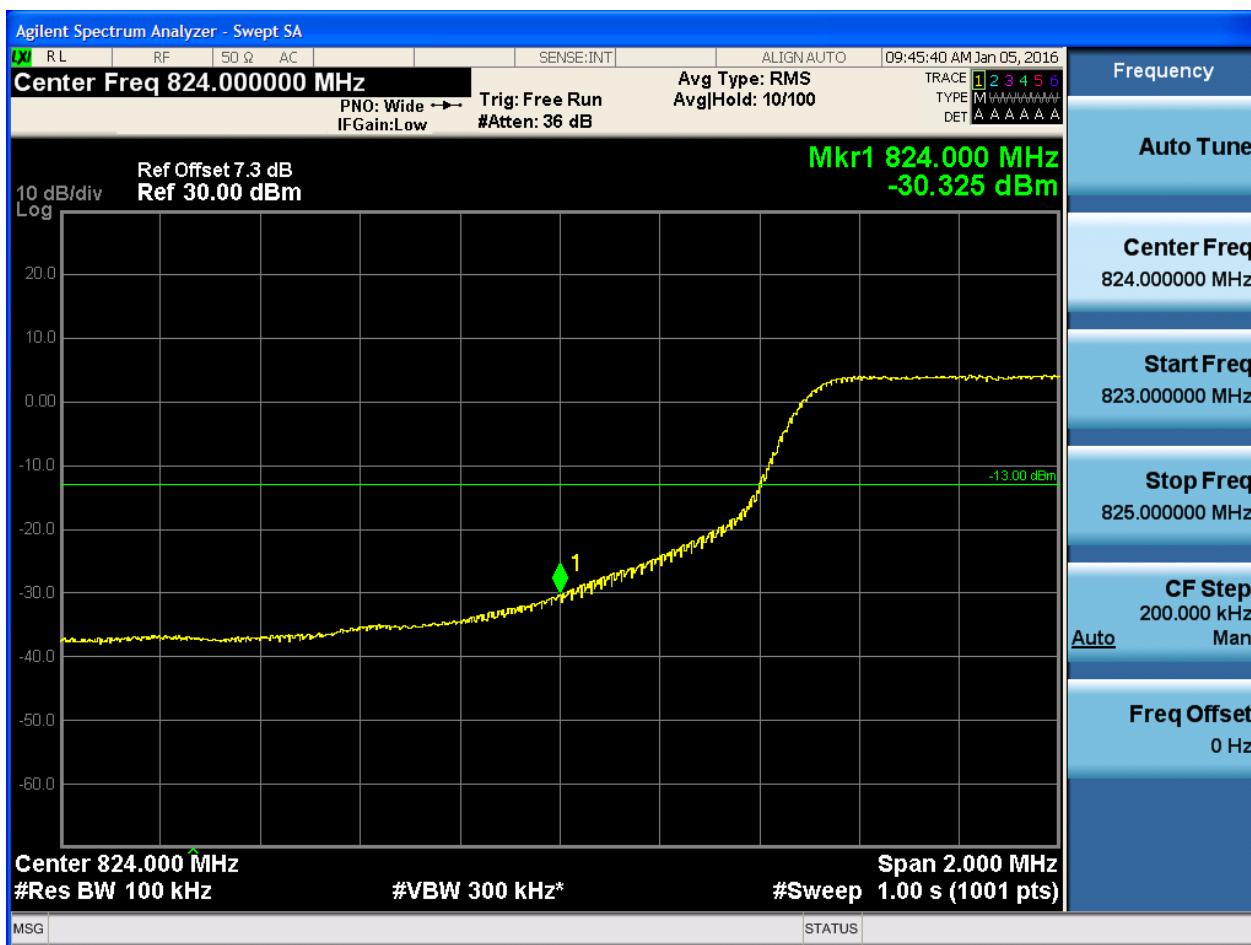


5.1.3.1.2.1.3 Test RB = RB25#13



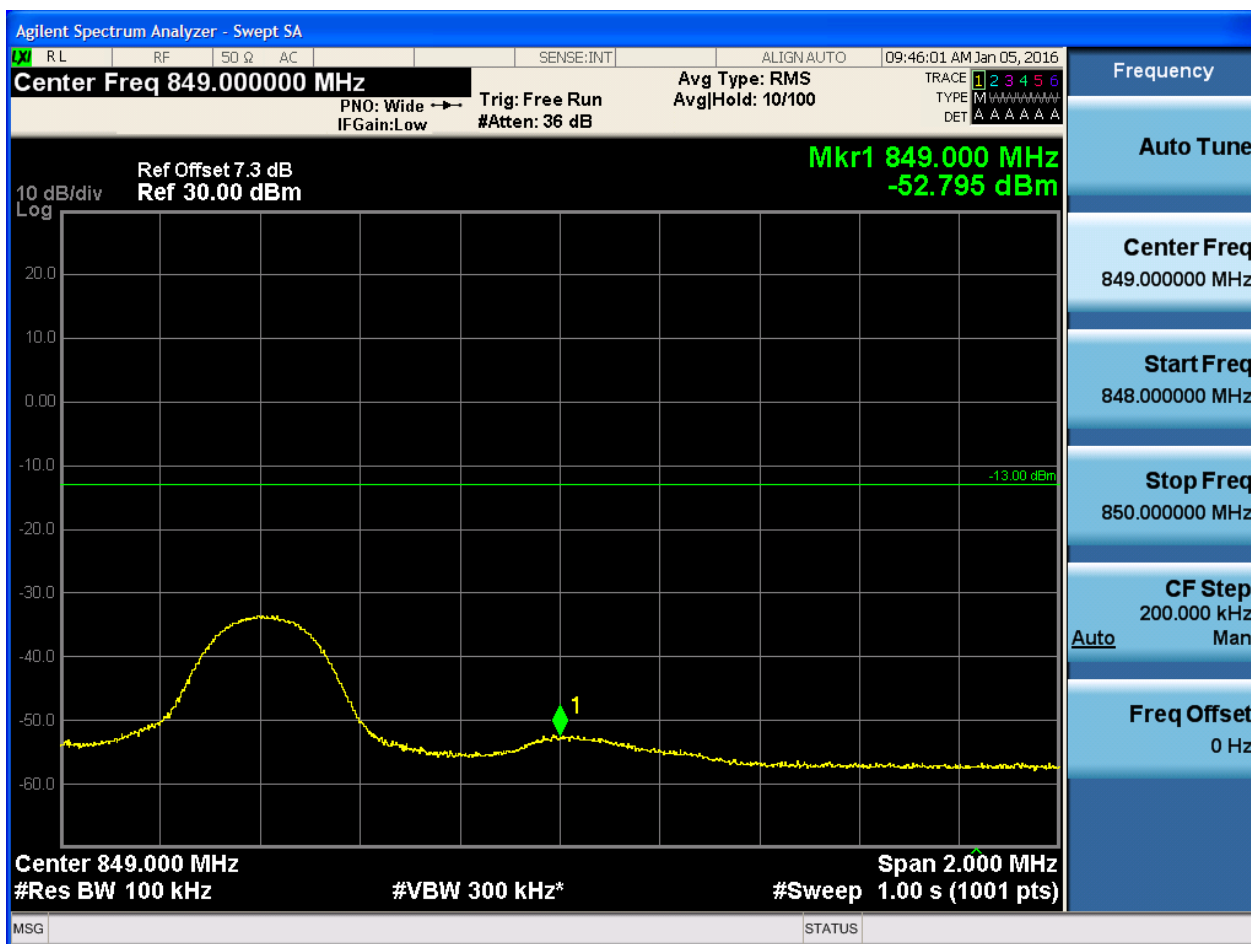


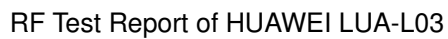
5.1.3.1.2.1.4 Test RB = RB50#0



5.1.3.1.2.2 Test Channel = HCH

5.1.3.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.3 dB
Ref 30.00 dBm

10 dB/div
Log

Span 2.000 MHz
#Res BW 100 kHz
#VBW 300 kHz*
#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
Auto Man

Freq Offset 0 Hz

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.3 dB
Ref 30.00 dBm

10 dB/div
Log

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

Auto Tune

Center Freq 849.000000 MHz

Start Freq 848.000000 MHz

Stop Freq 850.000000 MHz

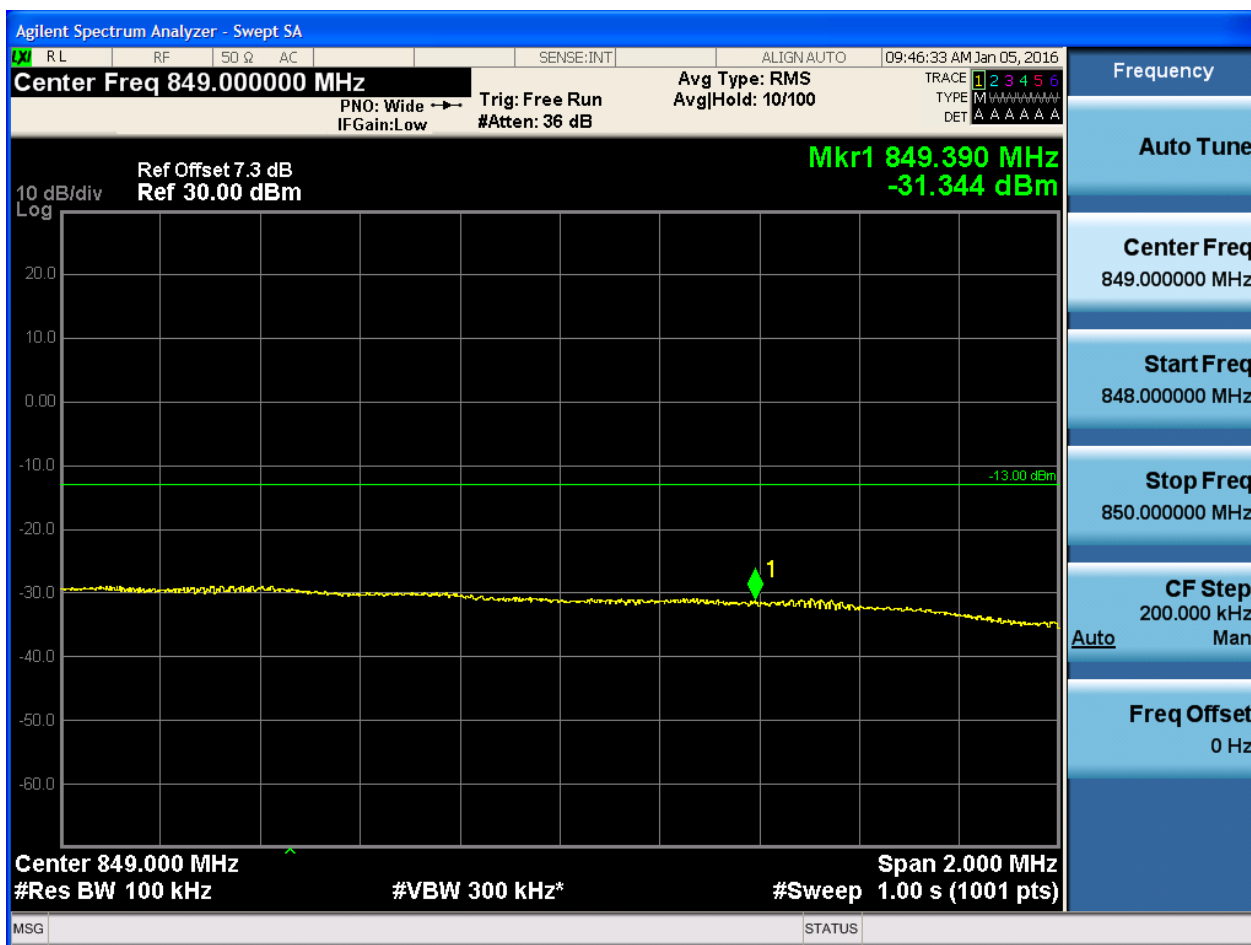
CF Step 200.000 kHz
Auto Man

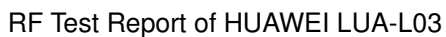
Freq Offset 0 Hz

MSG STATUS



5.1.3.1.2.2.3 Test RB = RB25#13





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 09:46:50 AM Jan 05, 2016

Center Freq 849.000000 MHz Avg Type: RMS
PNO: Wide Trig: Free Run Avg|Hold: 10/100
IFGain: Low #Atten: 36 dB

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

Ref Offset 7.3 dB
Ref 30.00 dBm

Mkr1 849.000 MHz
-28.647 dBm

10 dB/div
Log

20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0

-13.00 dBm

1

Center 849.000 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
849.000000 MHz
Start Freq
848.000000 MHz
Stop Freq
850.000000 MHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz

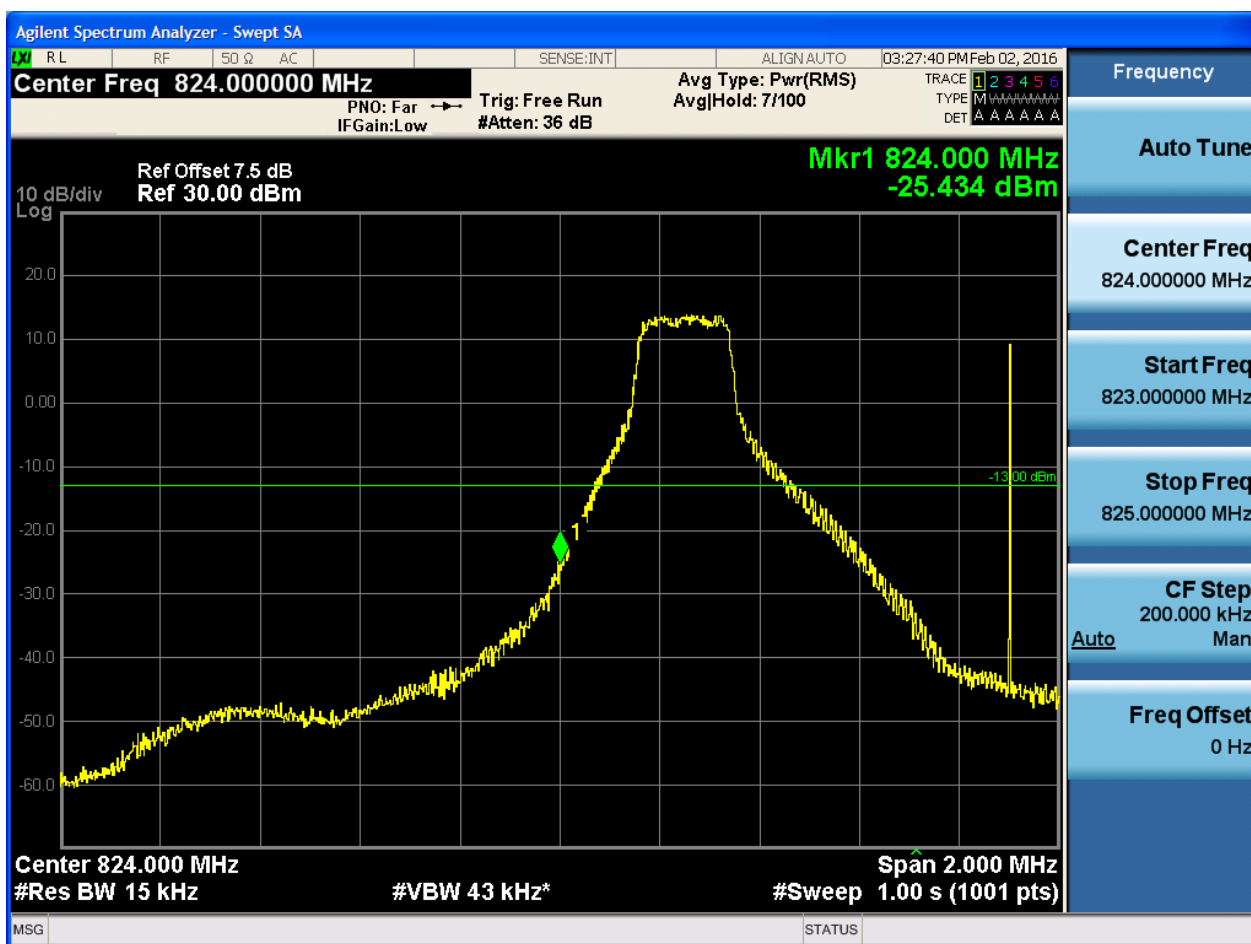


5.1.3.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

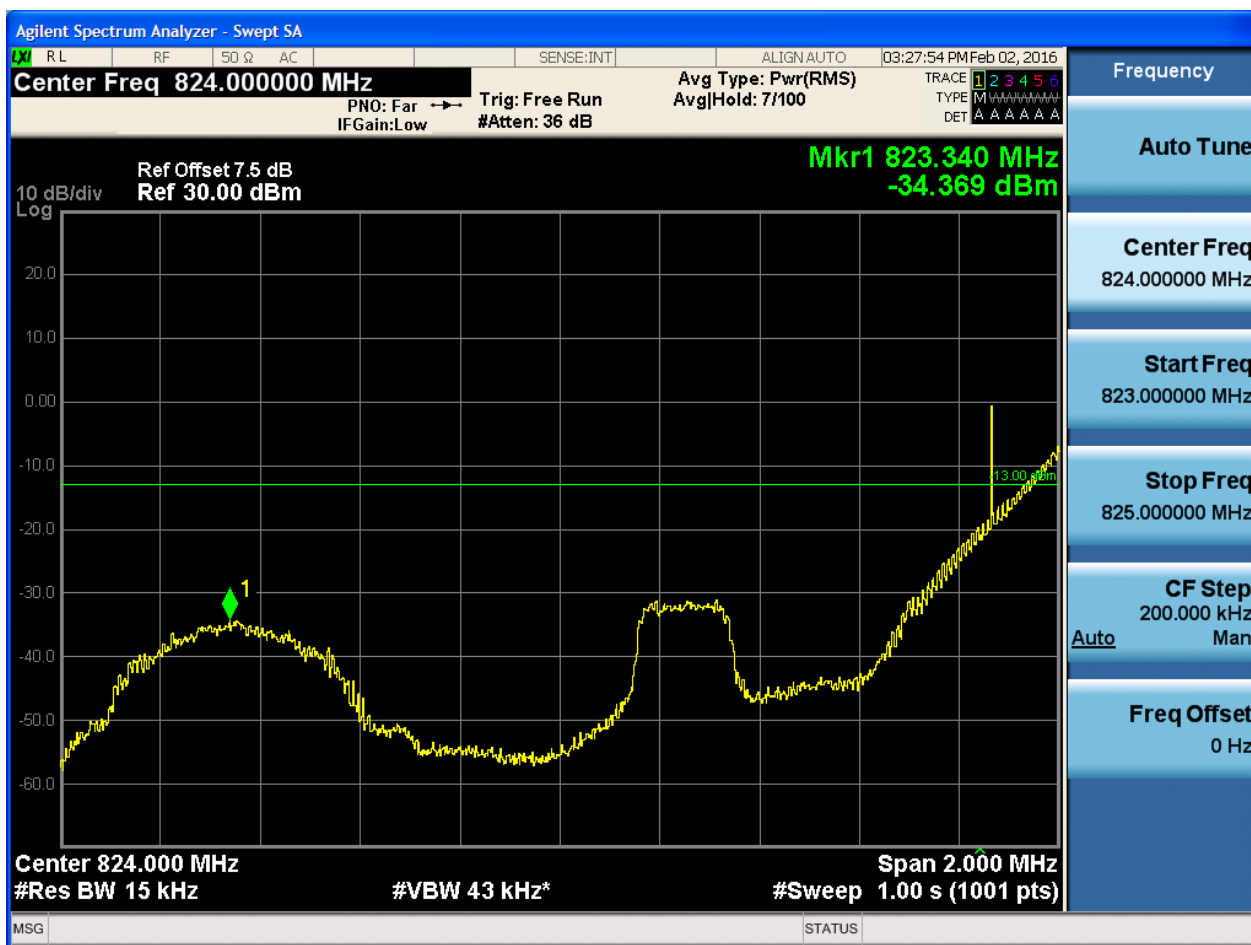
5.1.1.2.1.1 Test Channel = LCH

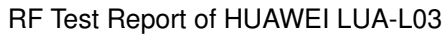
5.1.1.2.1.1.1 Test RB = RB1#0





5.1.1.2.1.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-35.229 dBm

Center 824.000 MHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

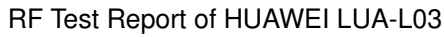
Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: Pwr(RMS)
Avg|Hold: 7/100

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

Mkr1 823.960 MHz
-30.001 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)

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

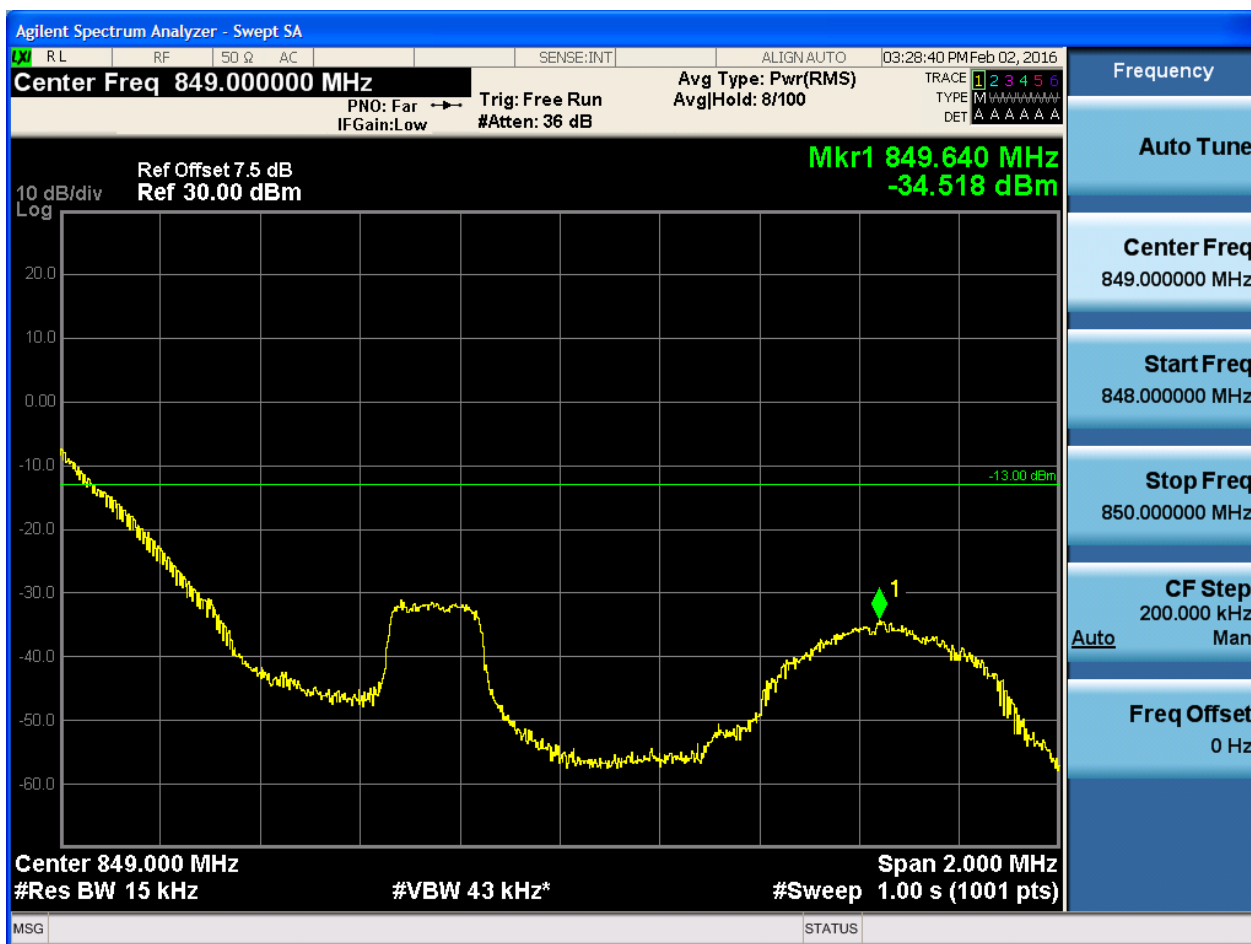
Freq Offset
0 Hz

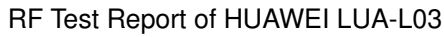
MSG STATUS



5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.5 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.010 MHz
-25.982 dBm

Center 849.000 MHz
#Res BW 15 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

Freq Offset
0 Hz