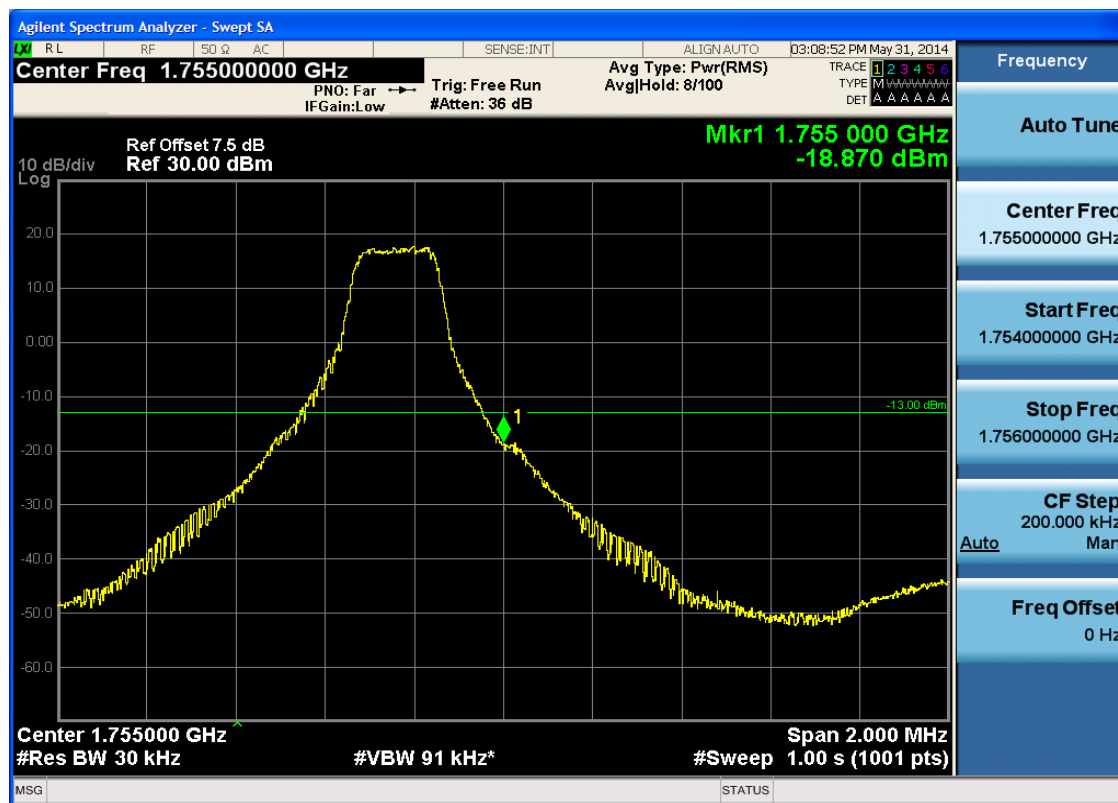


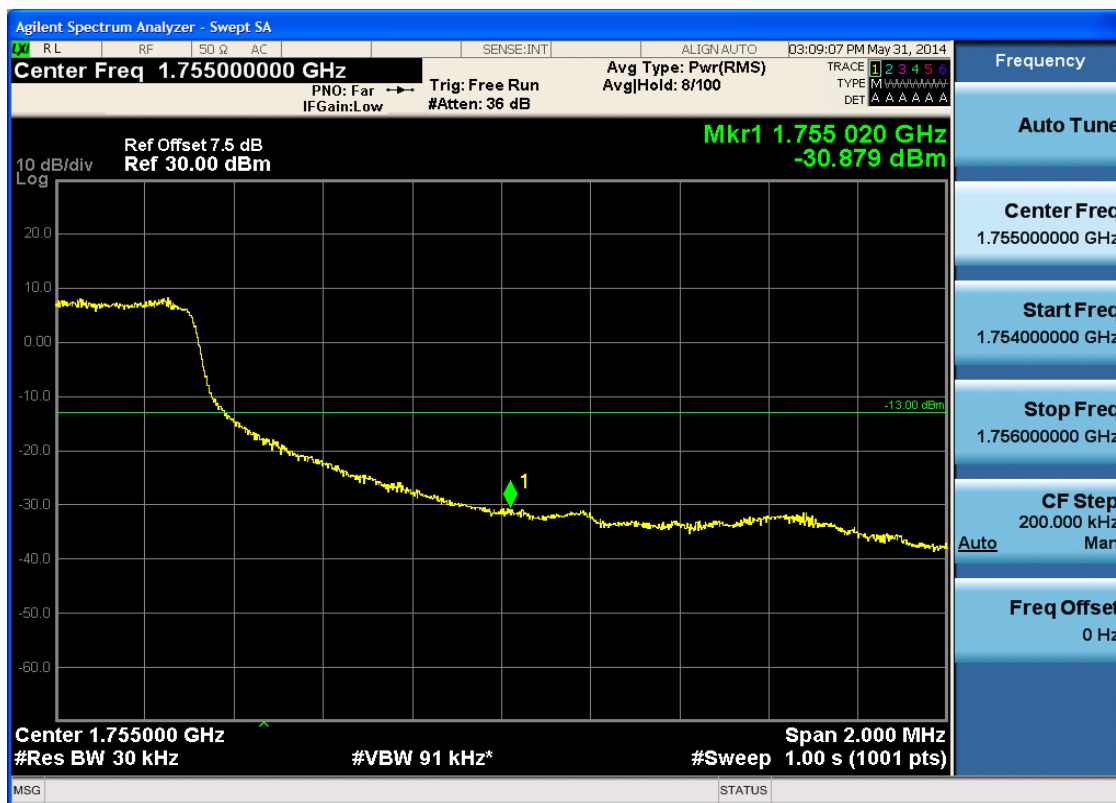


5.3.2.1.2.2.2 Test RB = RB1#14



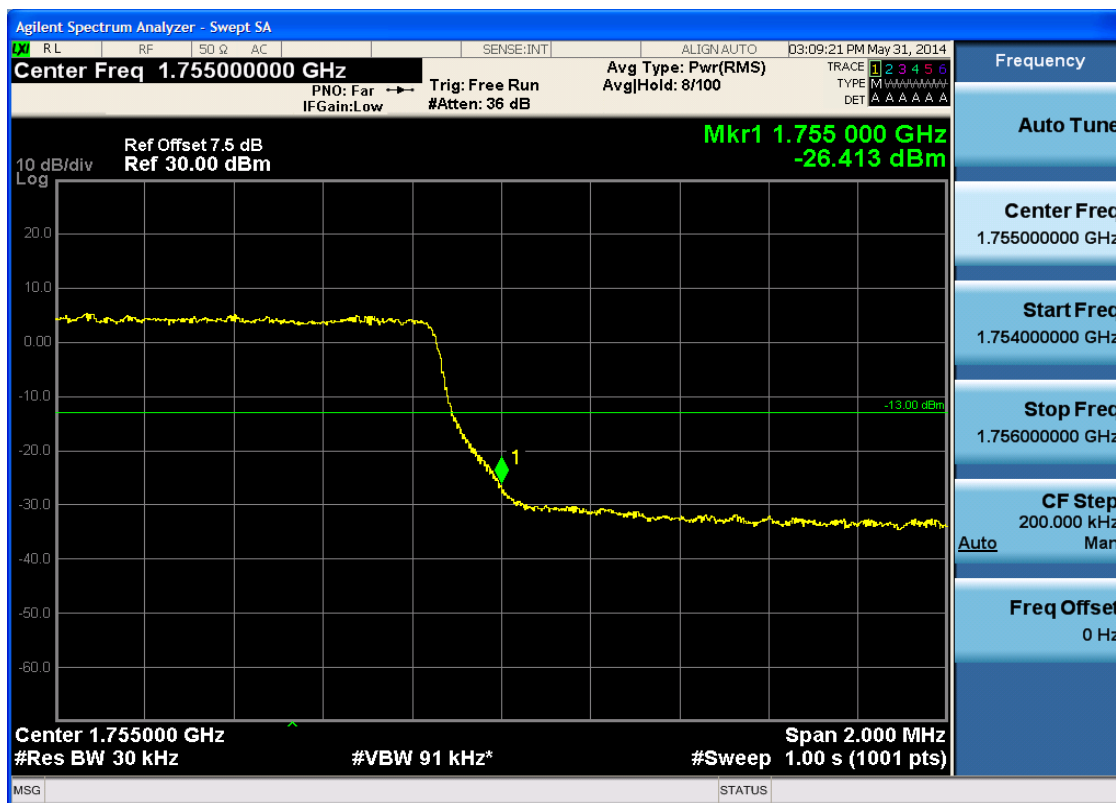


5.3.2.1.2.3 Test RB = RB8#4





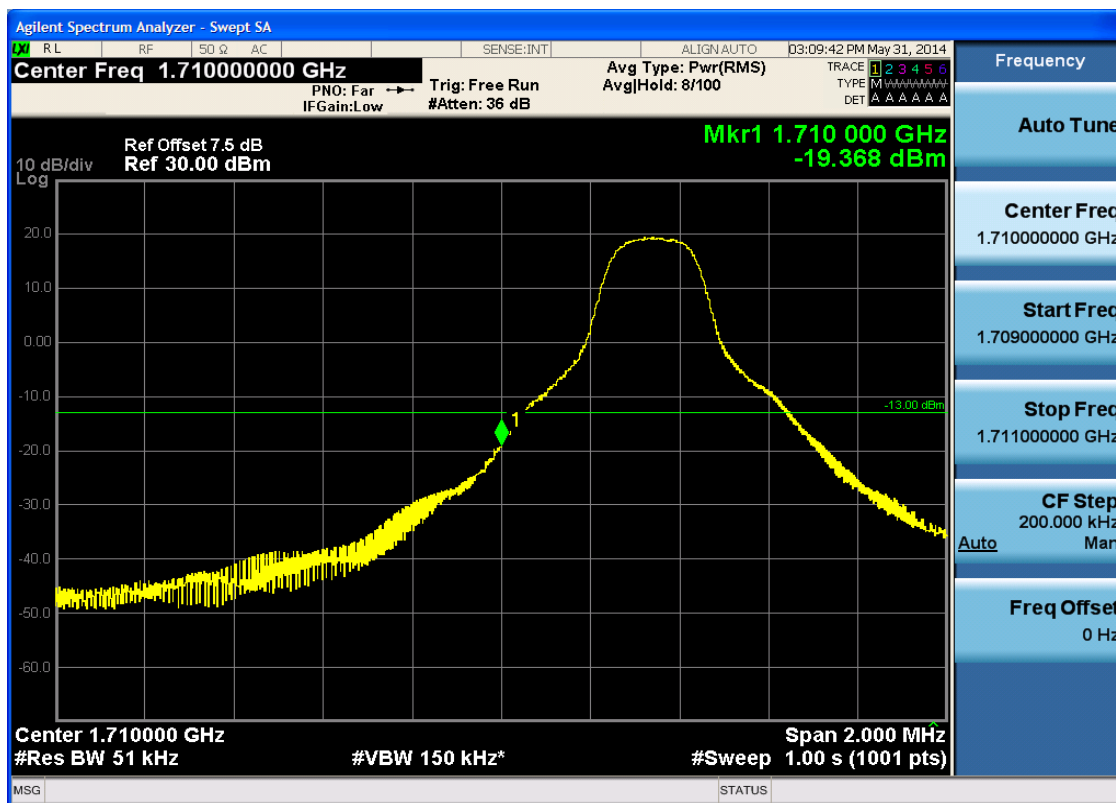
5.3.2.1.2.2.4 Test RB = RB15#0



5.3.2.1.3 Test Bandwidth = 5

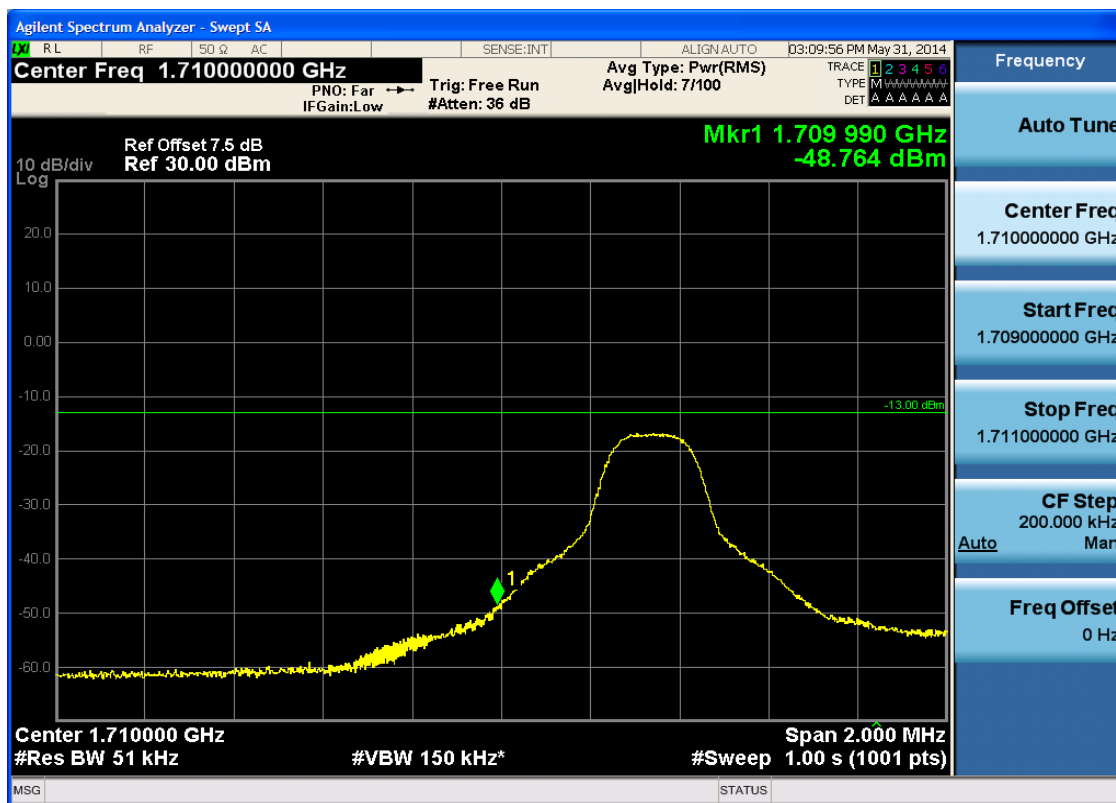
5.3.2.1.3.1 Test Channel = LCH

5.3.2.1.3.1.1 Test RB = RB1#0



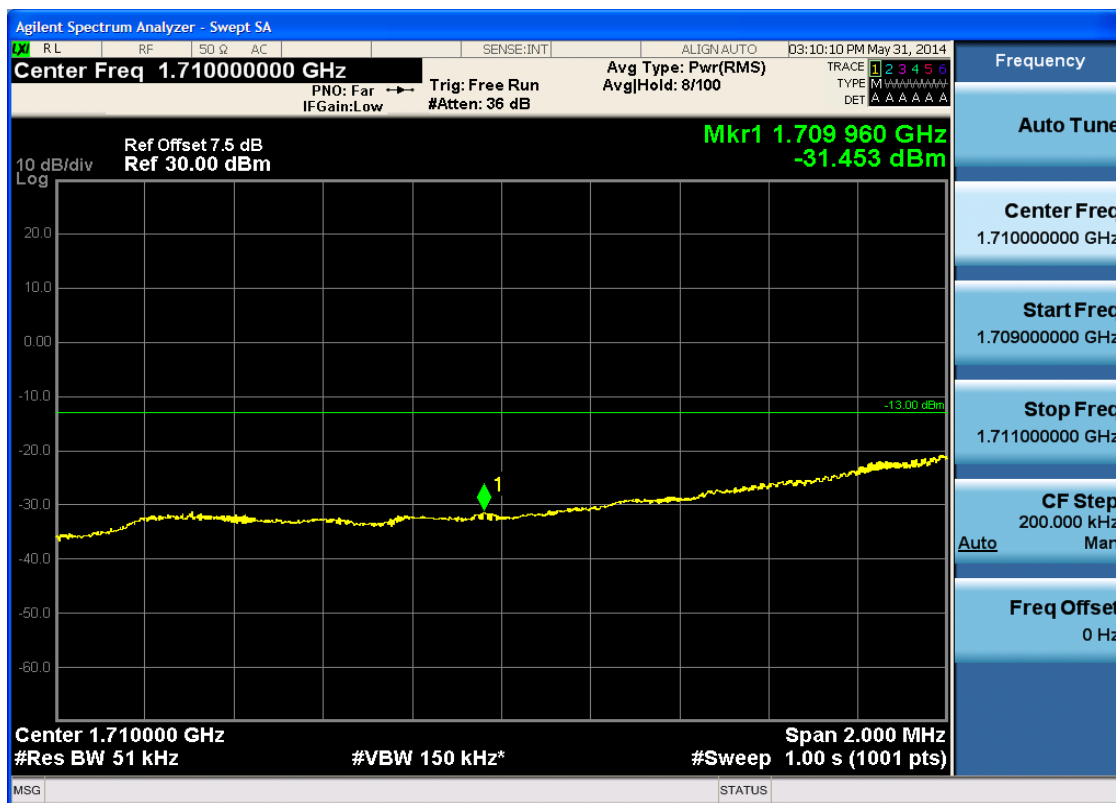


5.3.2.1.3.1.2 Test RB = RB1#24



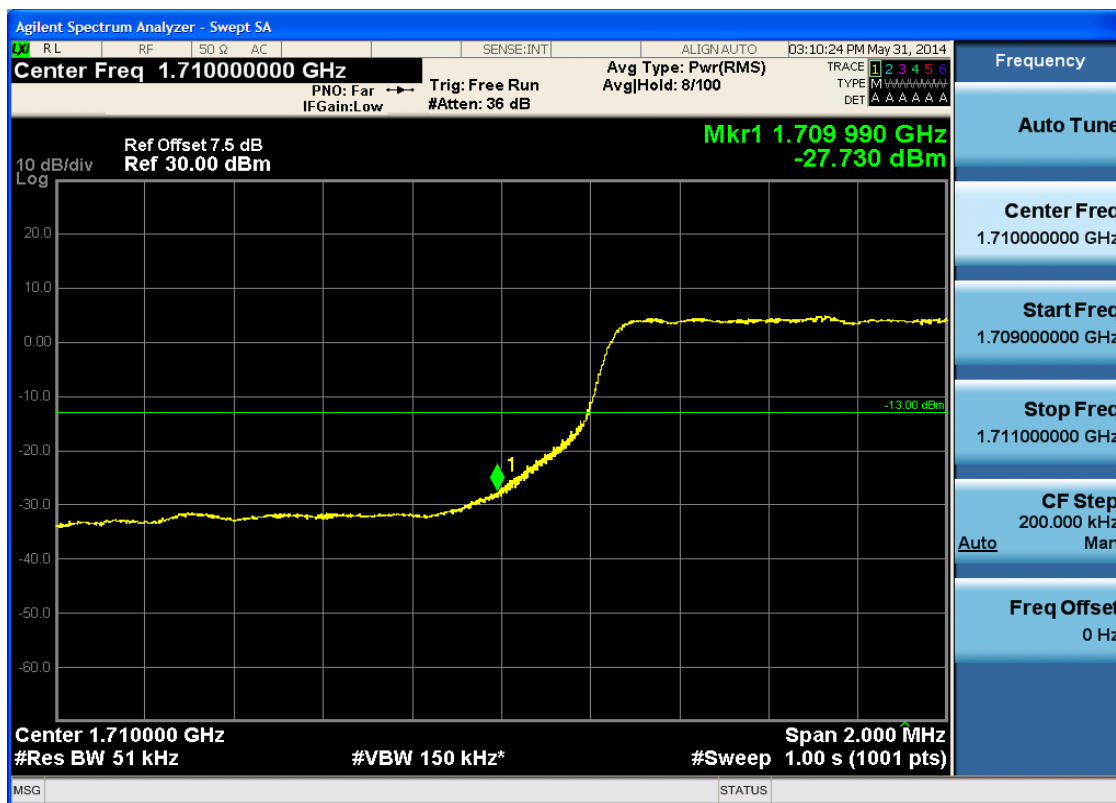


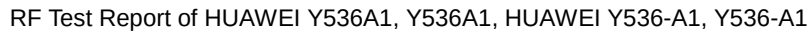
5.3.2.1.3.1.3 Test RB = RB12#6



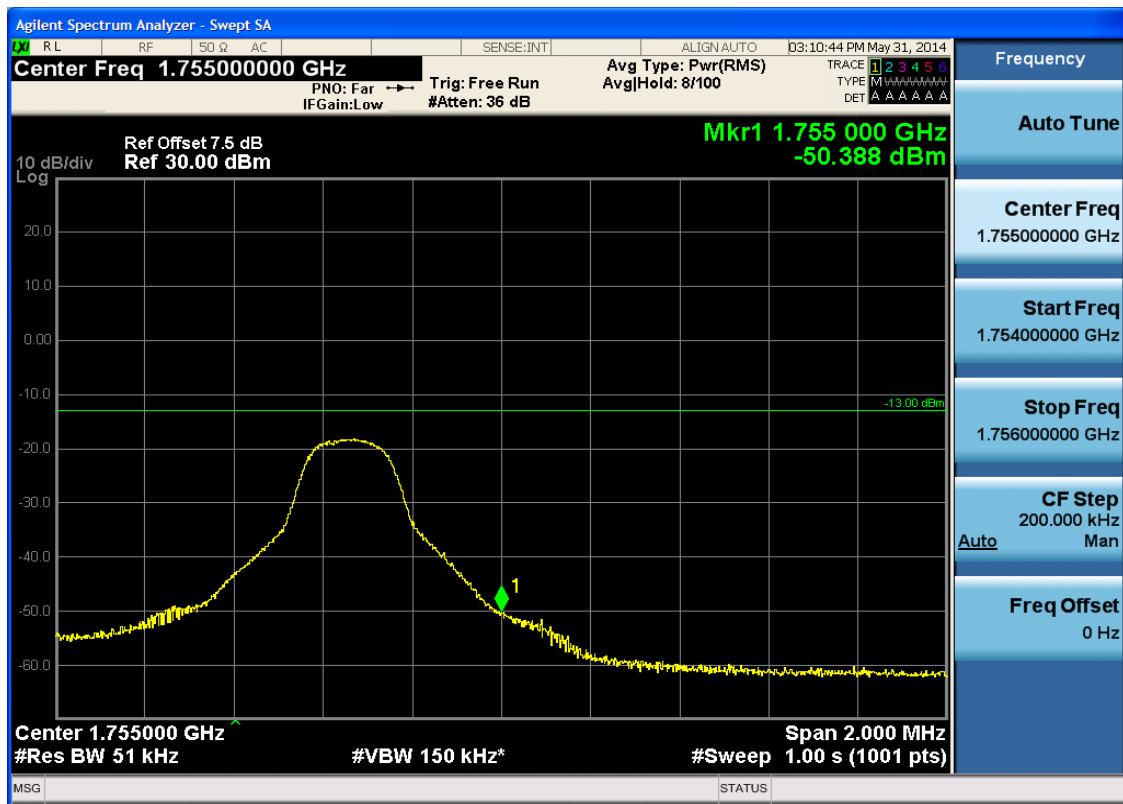


5.3.2.1.3.1.4 Test RB = RB25#0



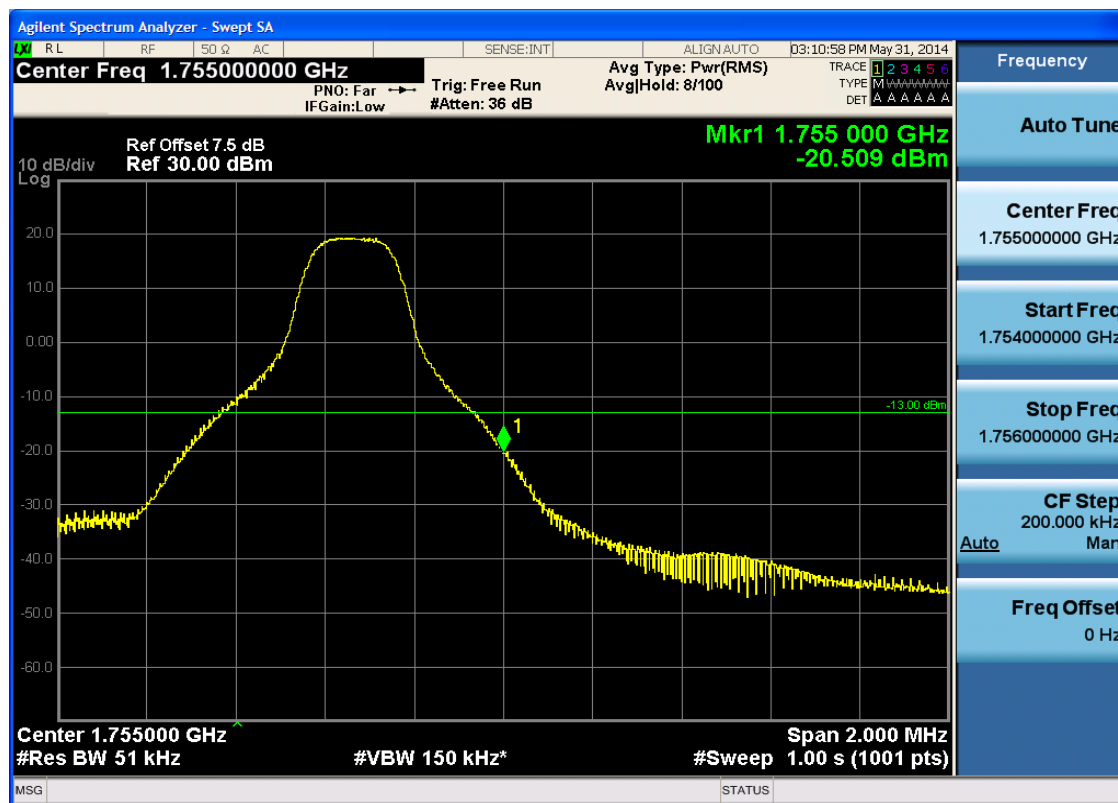


5.3.2.1.3.2.1 Test RB = RB1#0





5.3.2.1.3.2.2 Test RB = RB1#24





5.3.2.1.3.2.3 Test RB = RB12#6





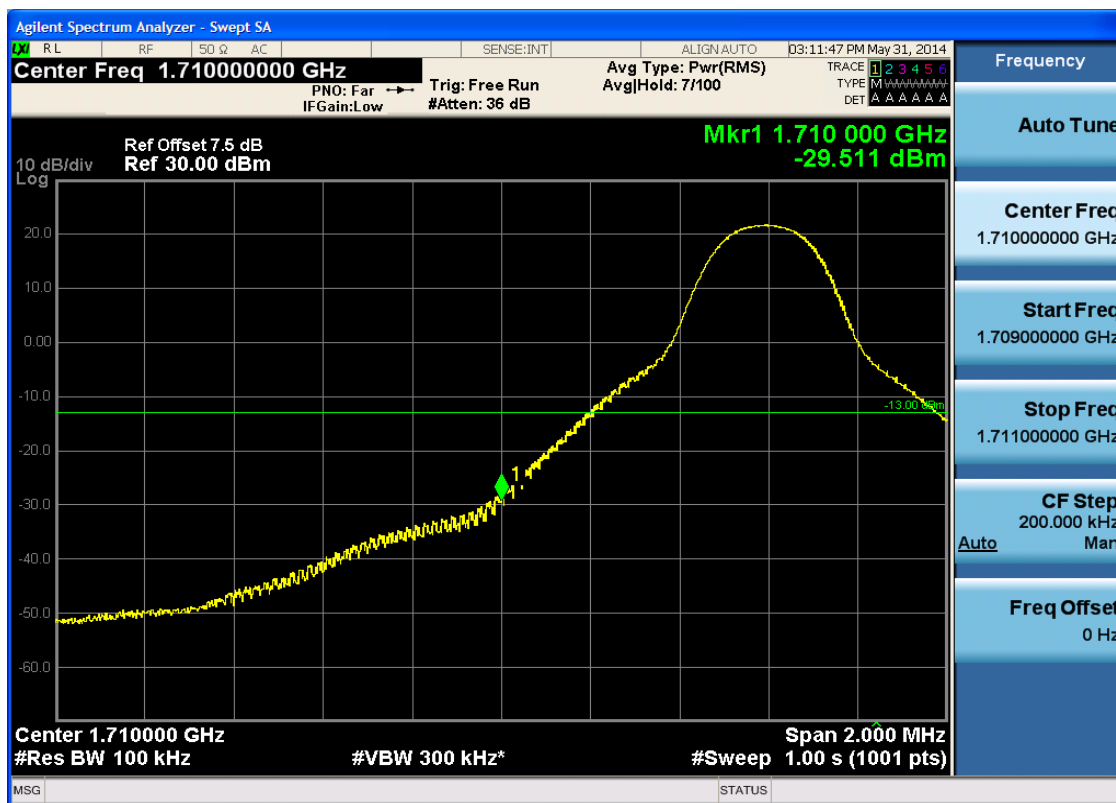
5.3.2.1.3.2.4 Test RB = RB25#0



5.3.2.1.4 Test Bandwidth = 10

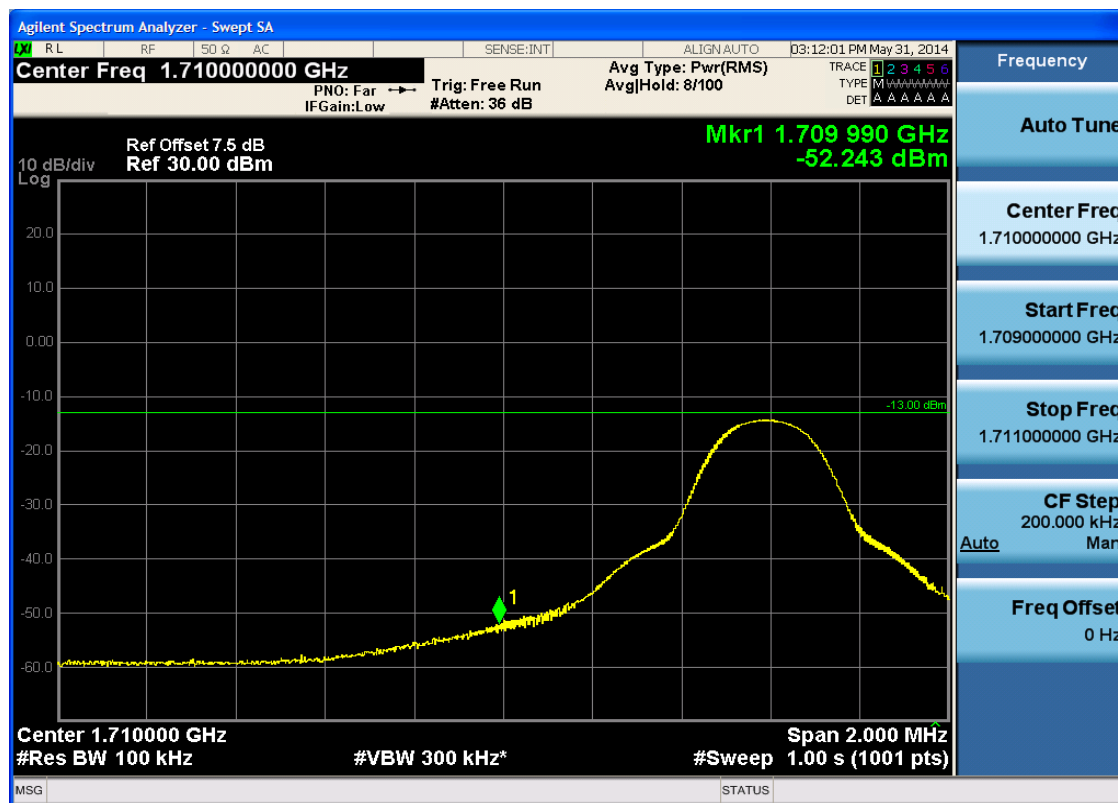
5.3.2.1.4.1 Test Channel = LCH

5.3.2.1.4.1.1 Test RB = RB1#0



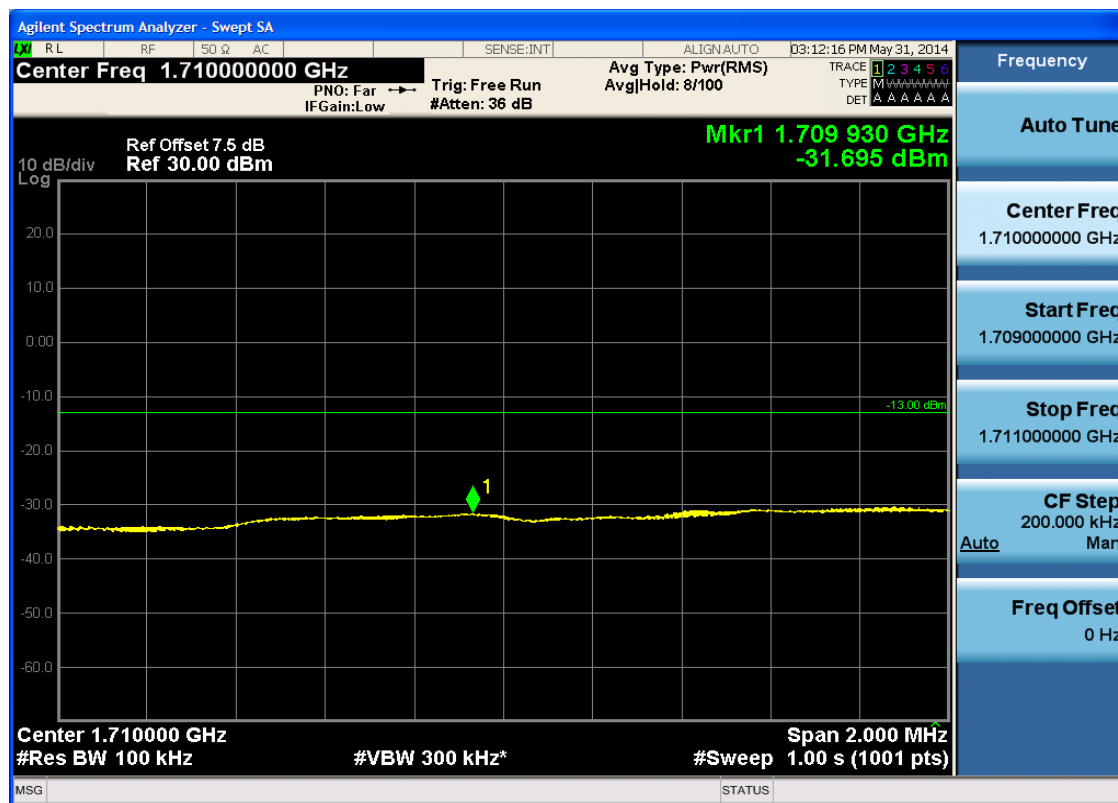


5.3.2.1.4.1.2 Test RB = RB1#49



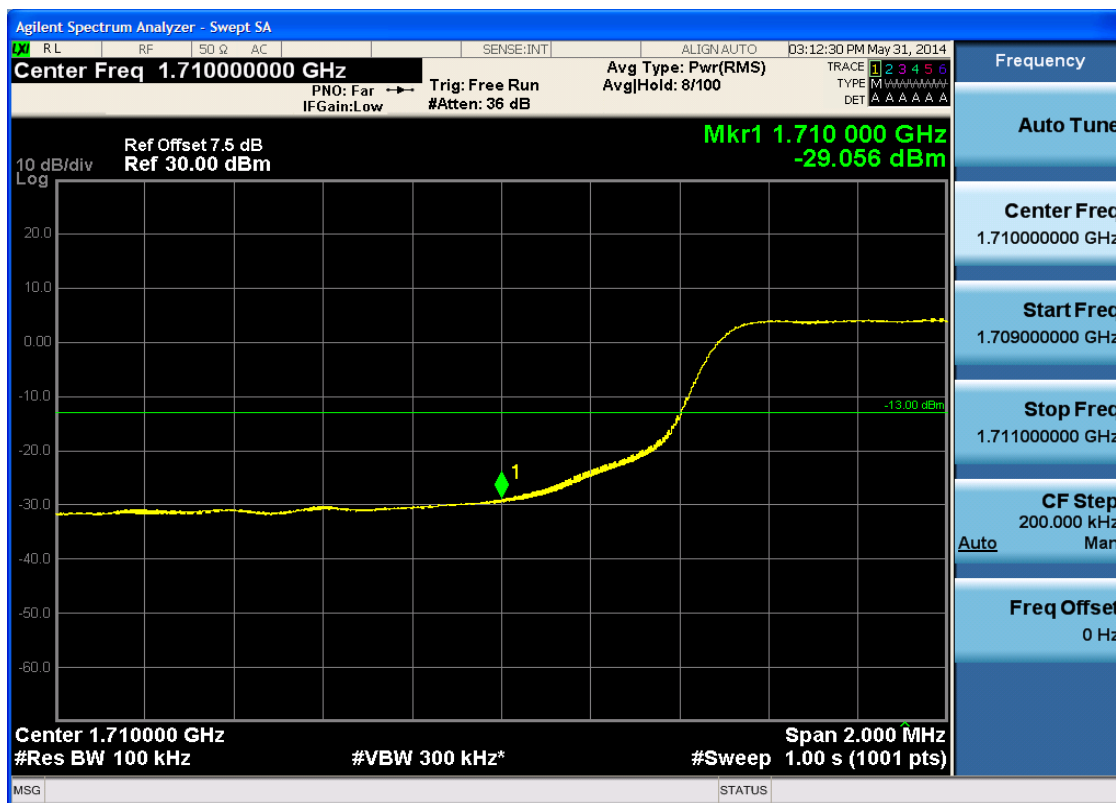


5.3.2.1.4.1.3 Test RB = RB25#13





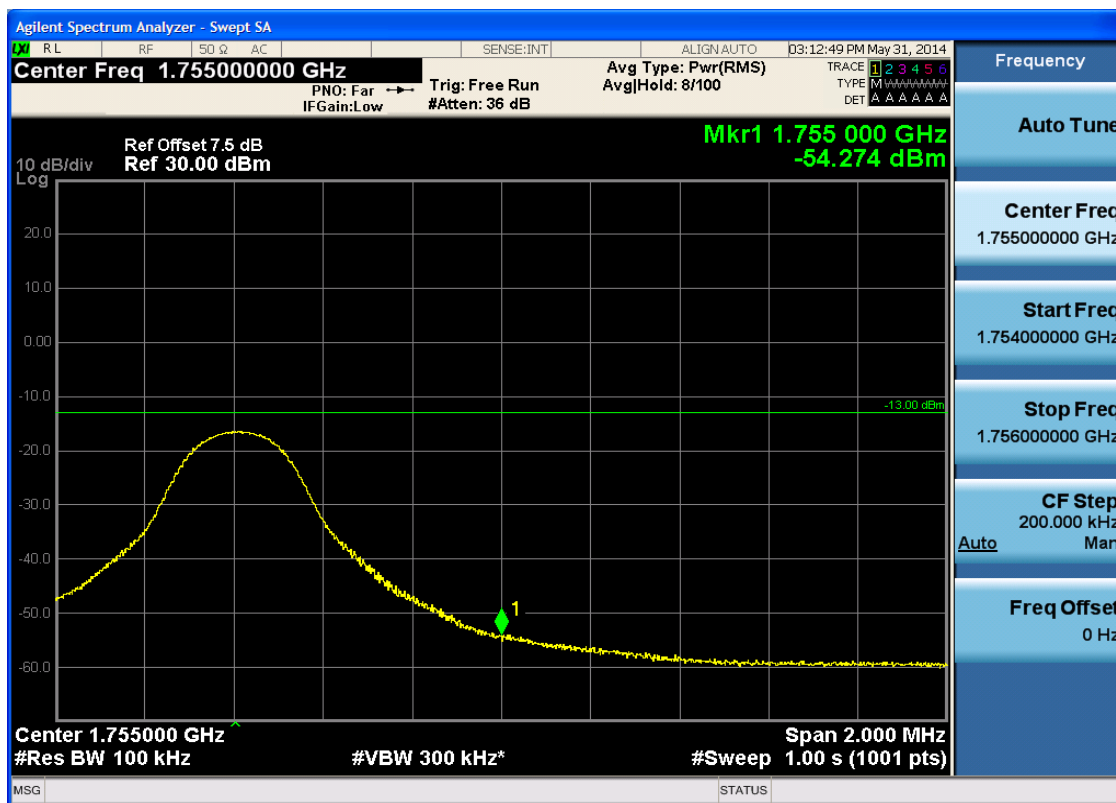
5.3.2.1.4.1.4 Test RB = RB50#0





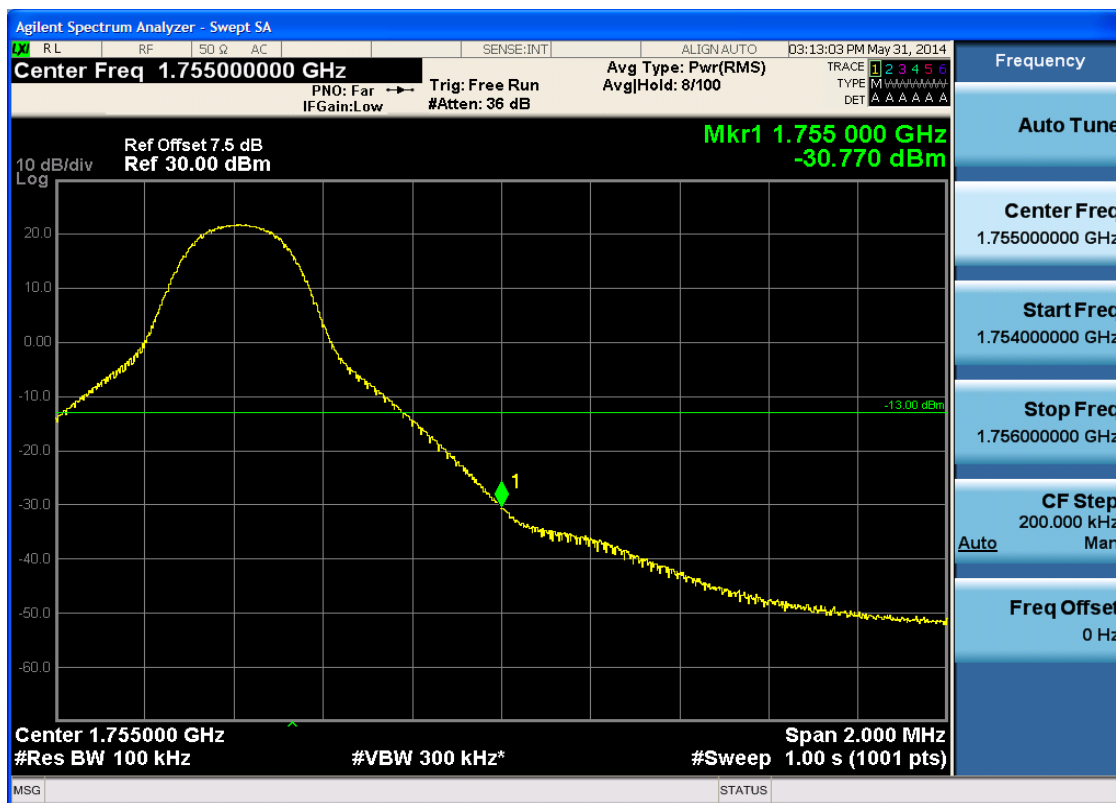
5.3.2.1.4.2 Test Channel = HCH

5.3.2.1.4.2.1 Test RB = RB1#0



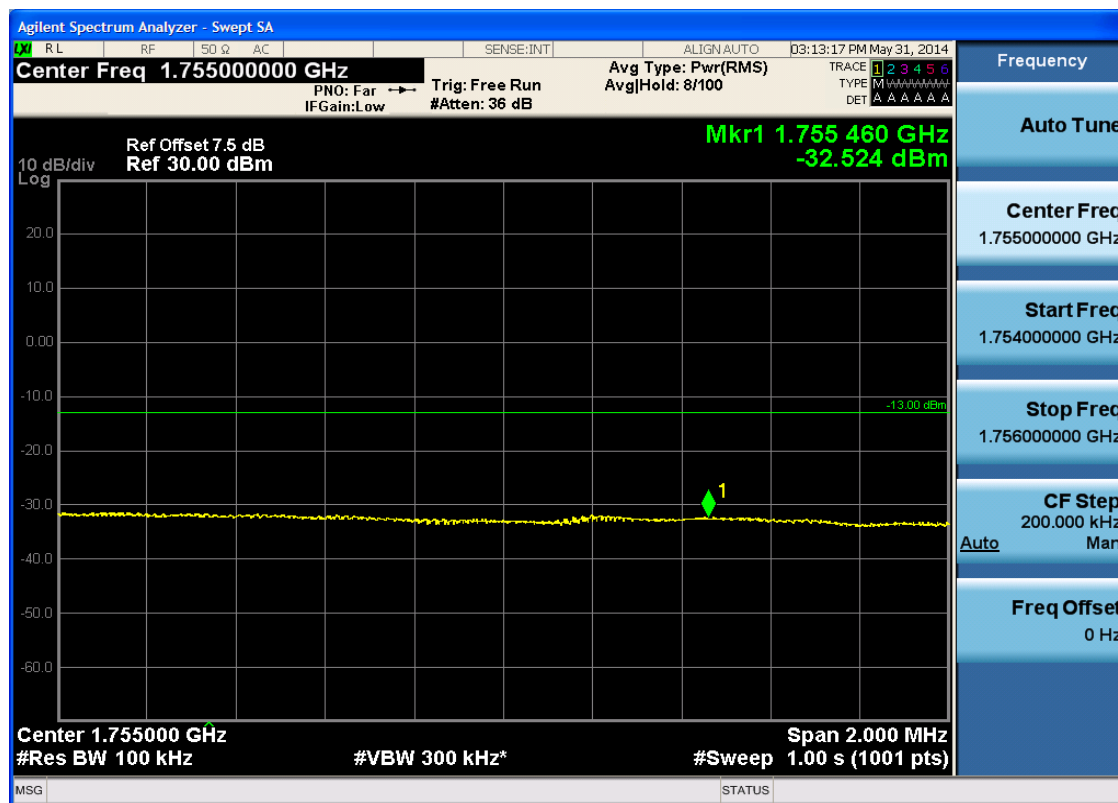


5.3.2.1.4.2.2 Test RB = RB1#49



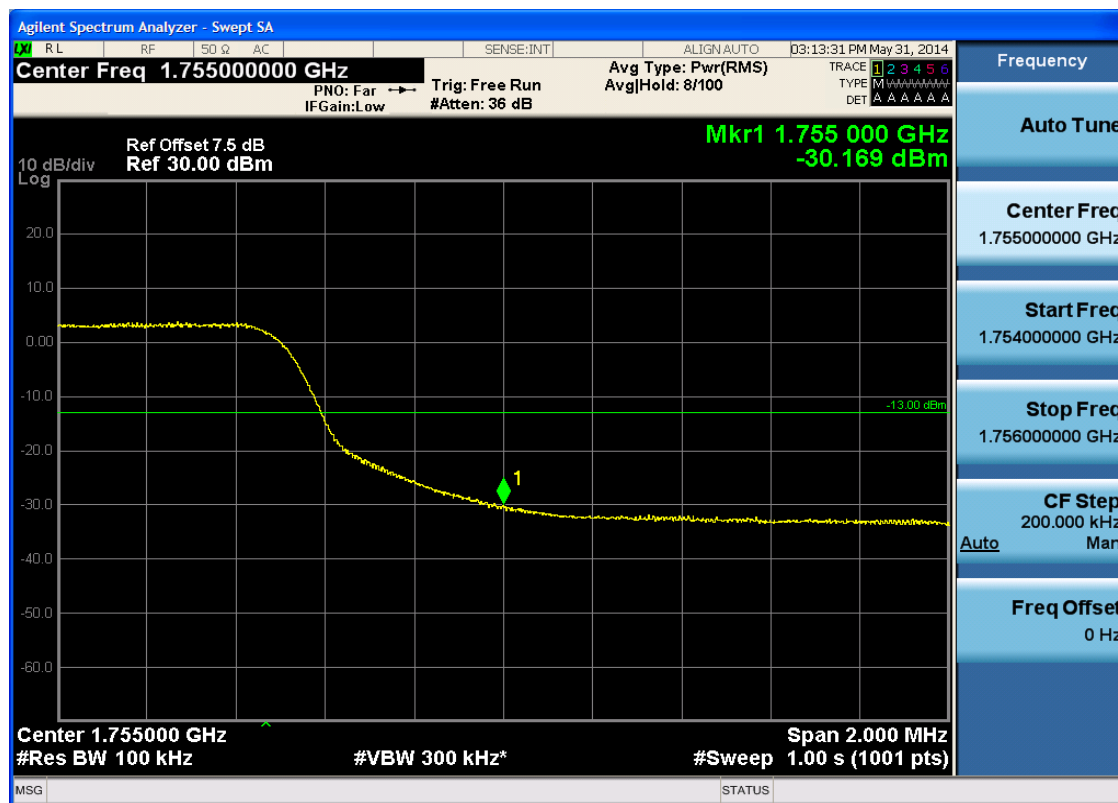


5.3.2.1.4.2.3 Test RB = RB25#13





5.3.2.1.4.2.4 Test RB = RB50#0

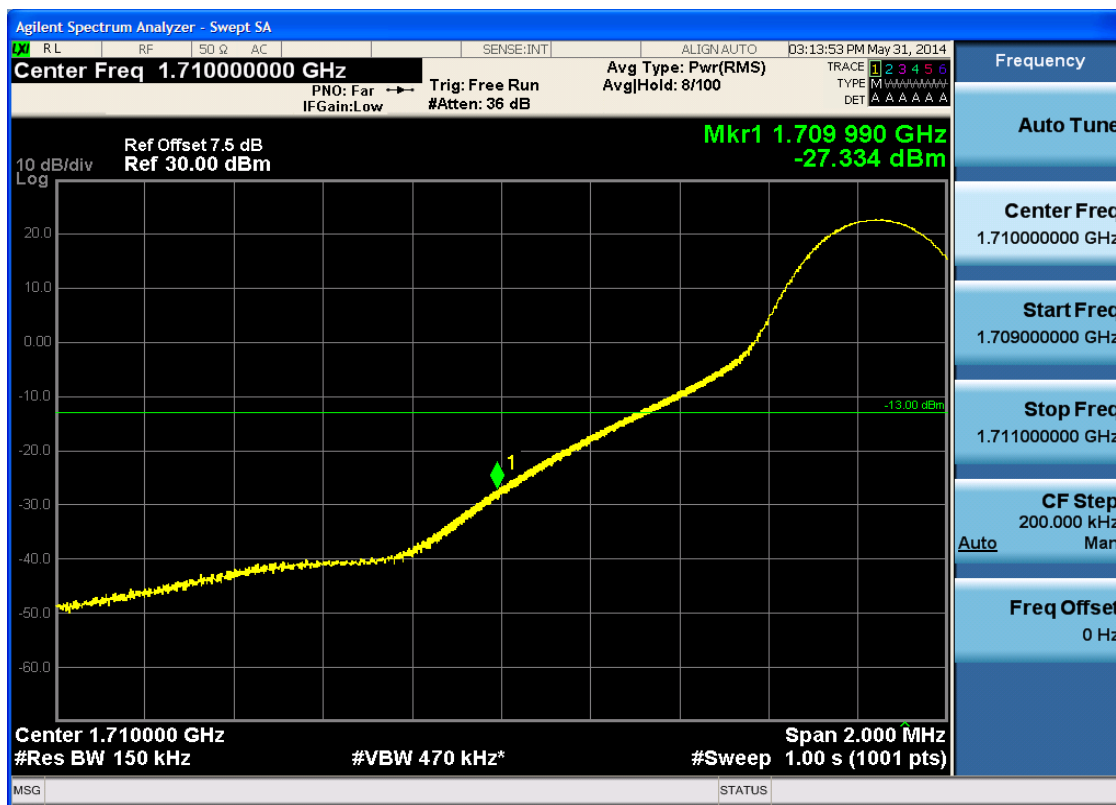




5.3.2.1.5 Test Bandwidth = 15

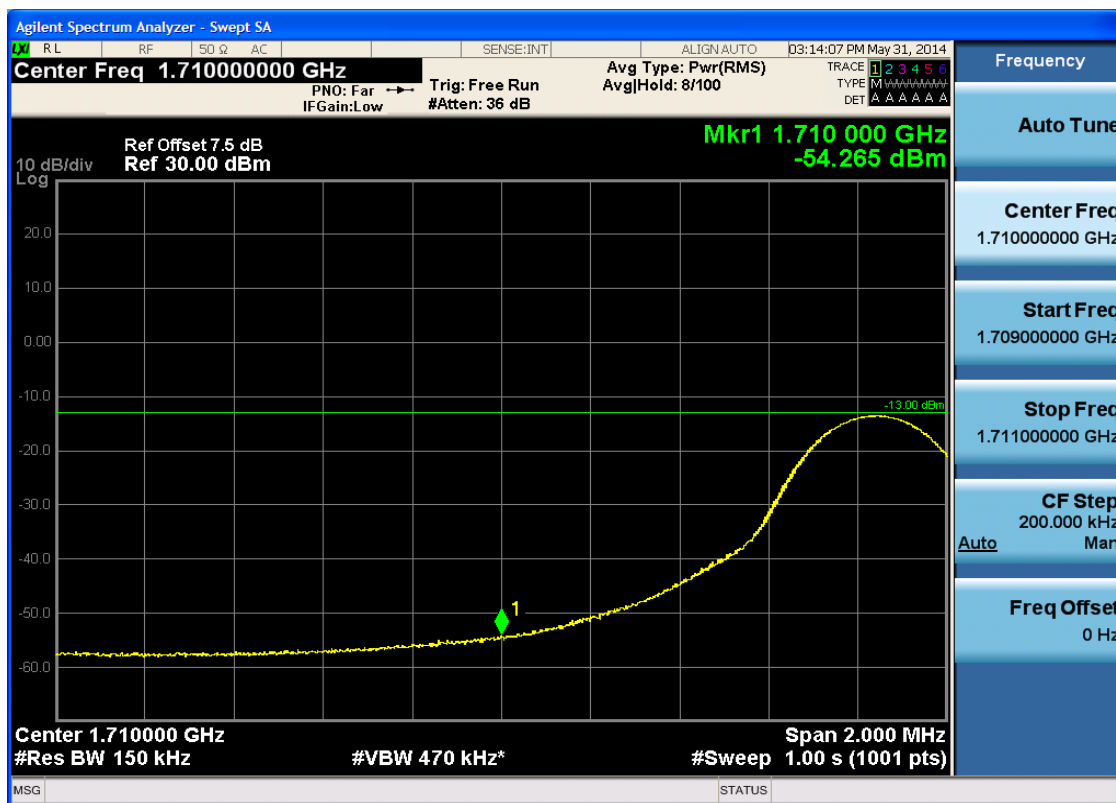
5.3.2.1.5.1 Test Channel = LCH

5.3.2.1.5.1.1 Test RB = RB1#0



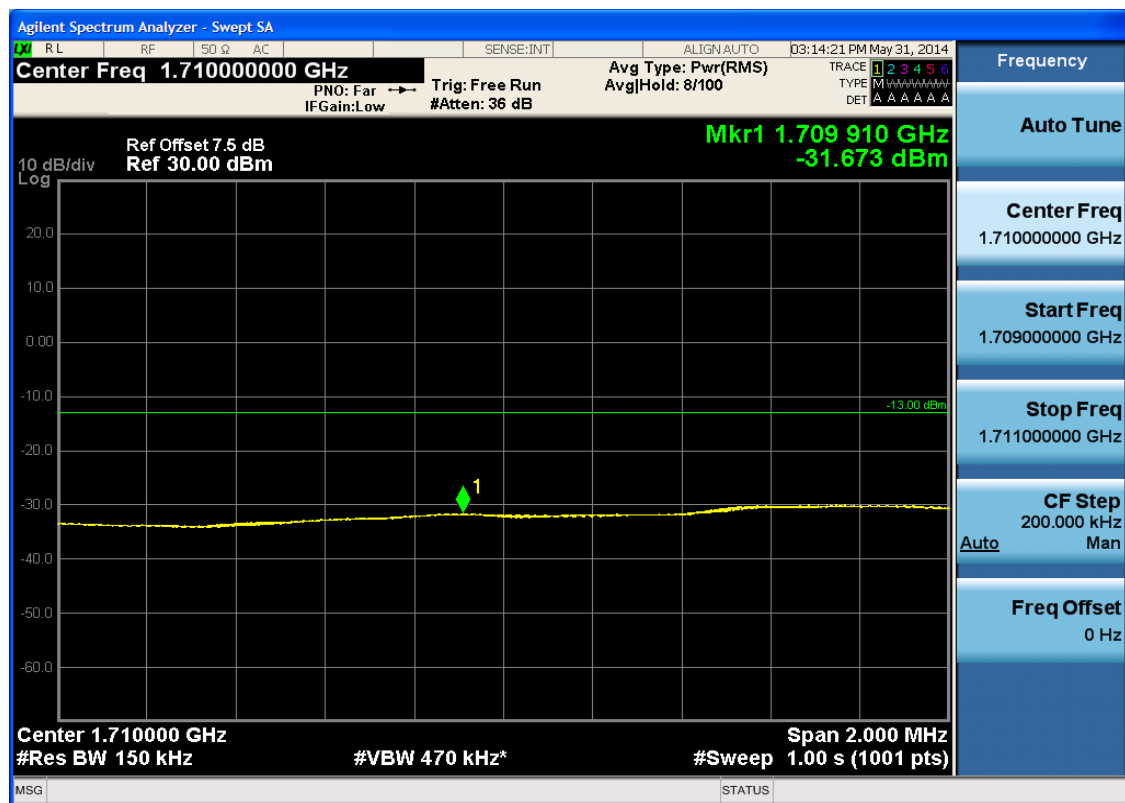


5.3.2.1.5.1.2 Test RB = RB1#74



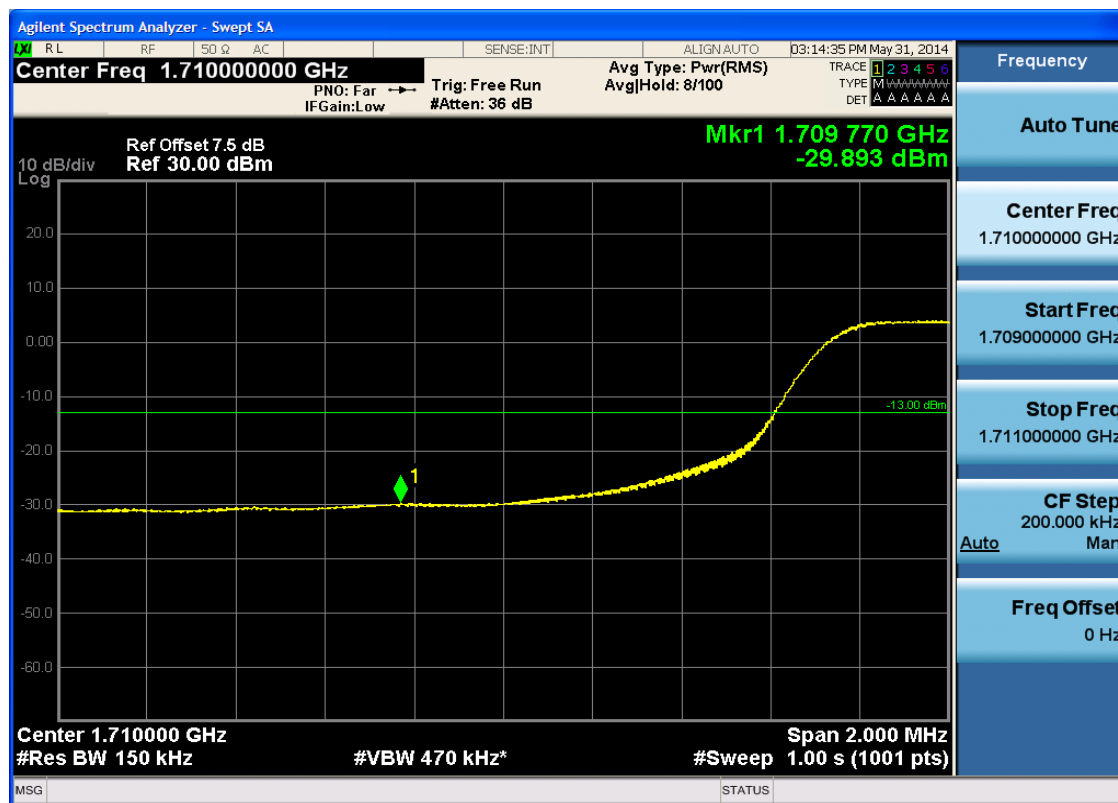


5.3.2.1.5.1.3 Test RB = RB38#19



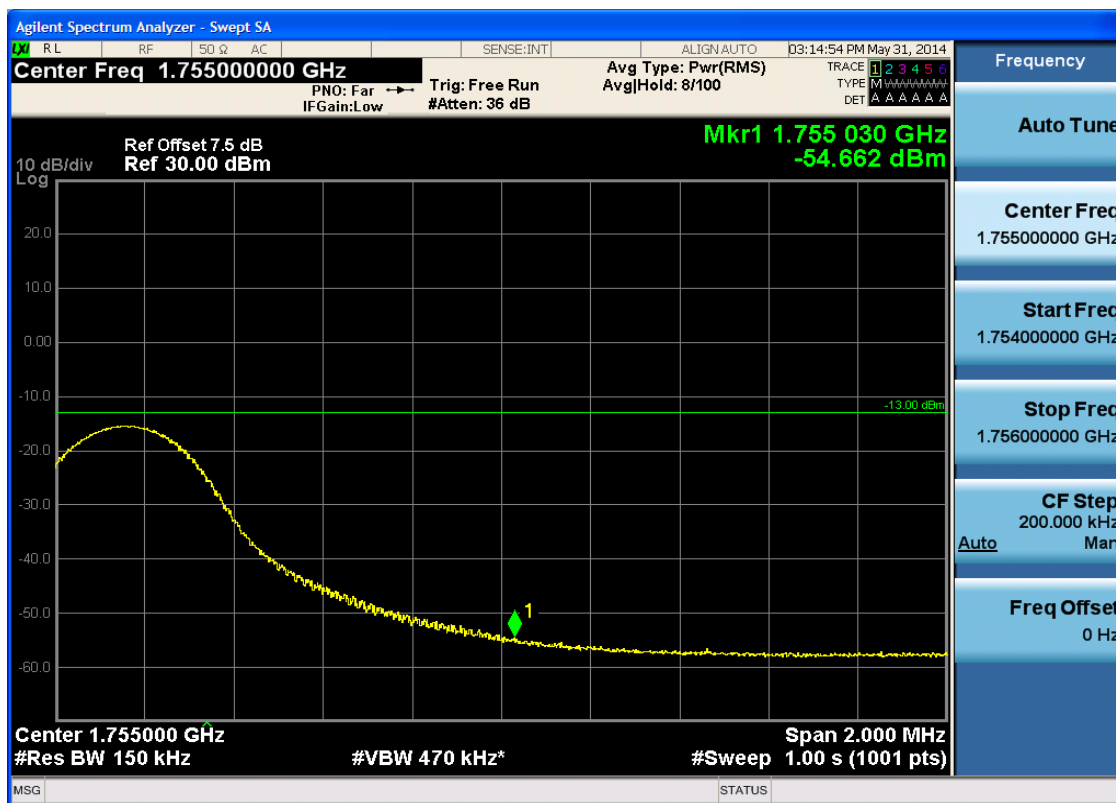


5.3.2.1.5.1.4 Test RB = RB75#0



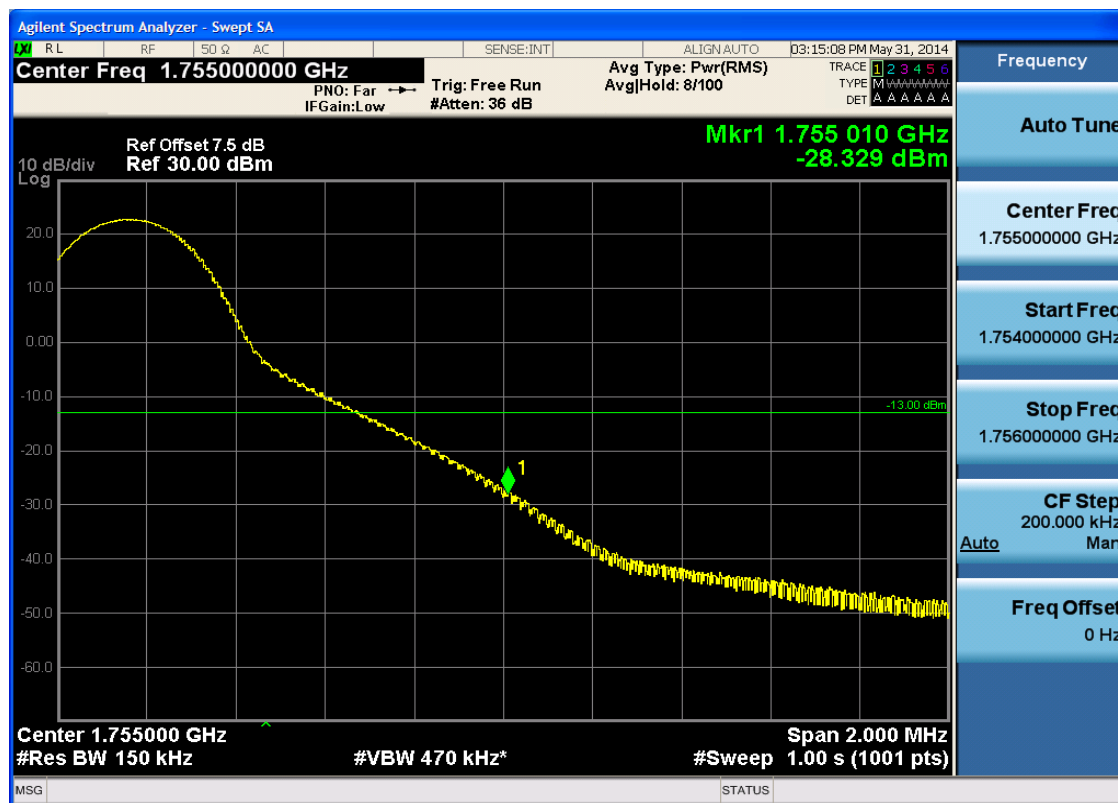
5.3.2.1.5.2 Test Channel = HCH

5.3.2.1.5.2.1 Test RB = RB1#0



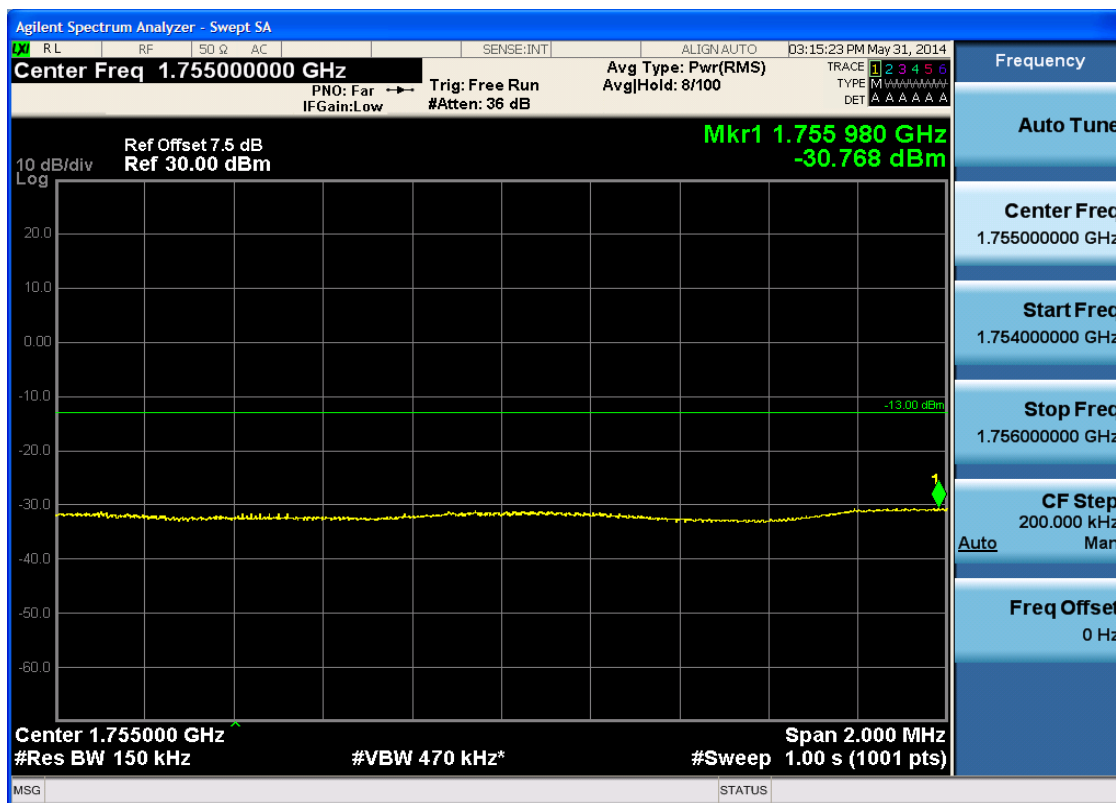


5.3.2.1.5.2.2 Test RB = RB1#74



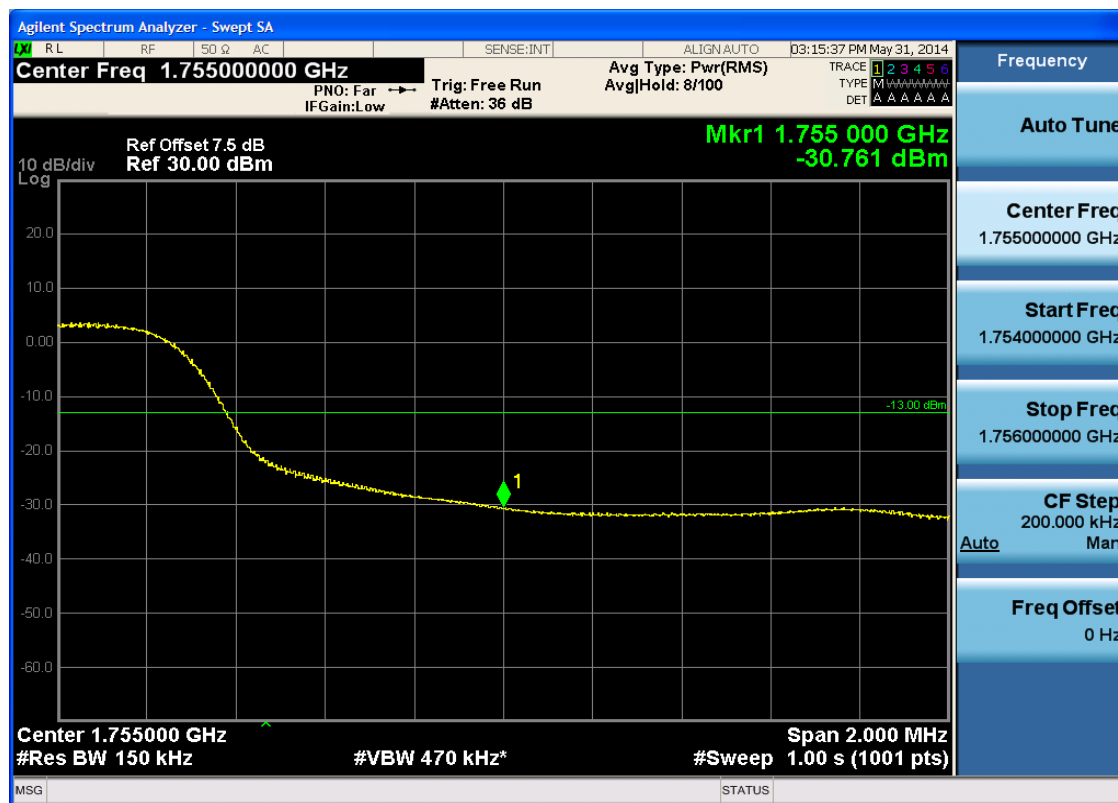


5.3.2.1.5.2.3 Test RB = RB38#19





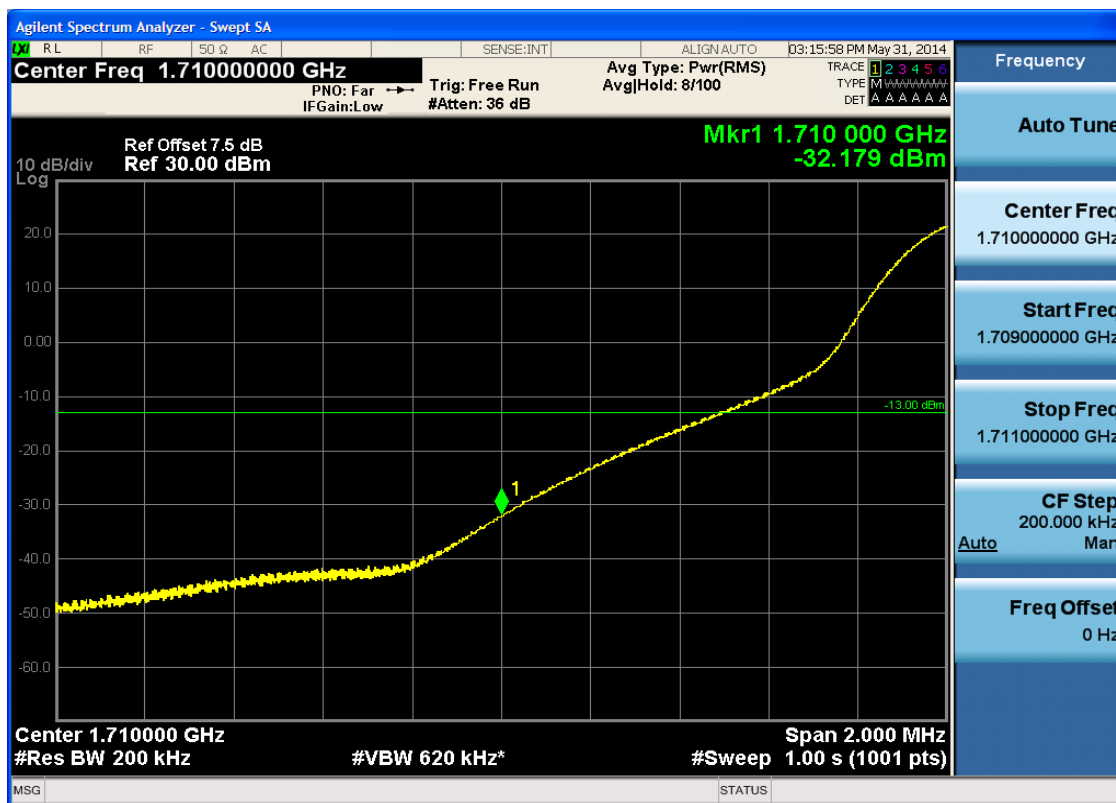
5.3.2.1.5.2.4 Test RB = RB75#0



5.3.2.1.6 Test Bandwidth = 20

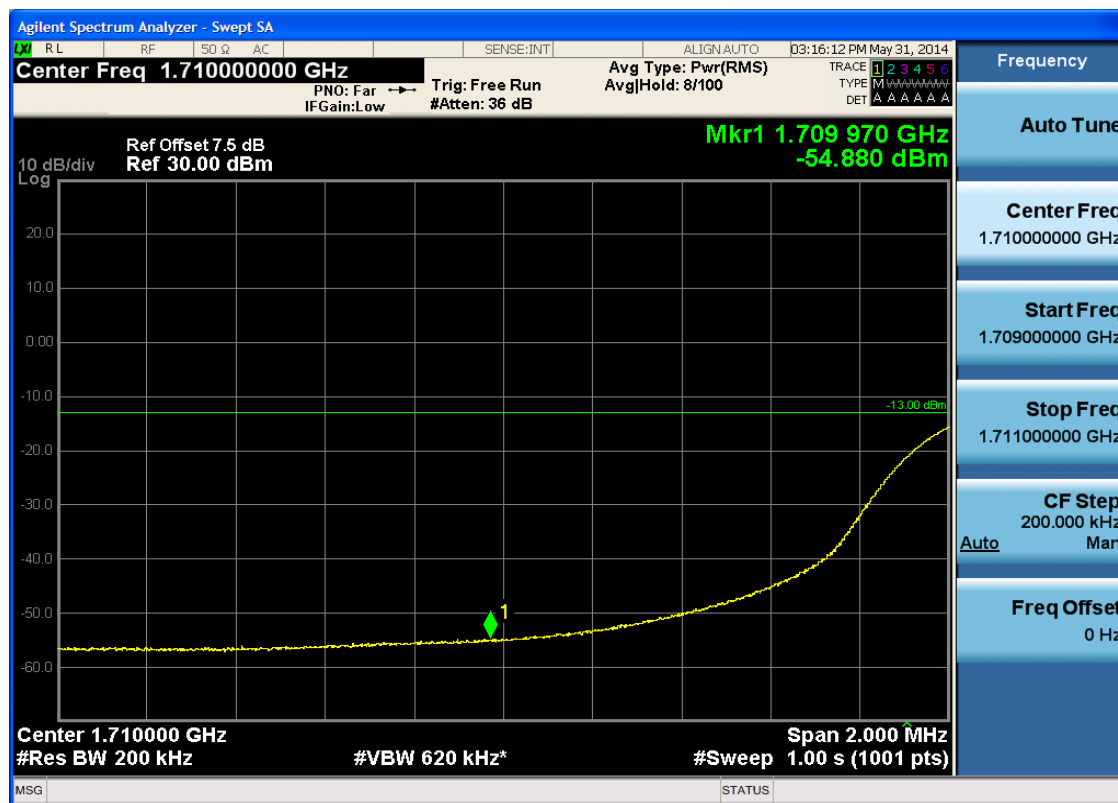
5.3.2.1.6.1 Test Channel = LCH

5.3.2.1.6.1.1 Test RB = RB1#0





5.3.2.1.6.1.2 Test RB = RB1#99



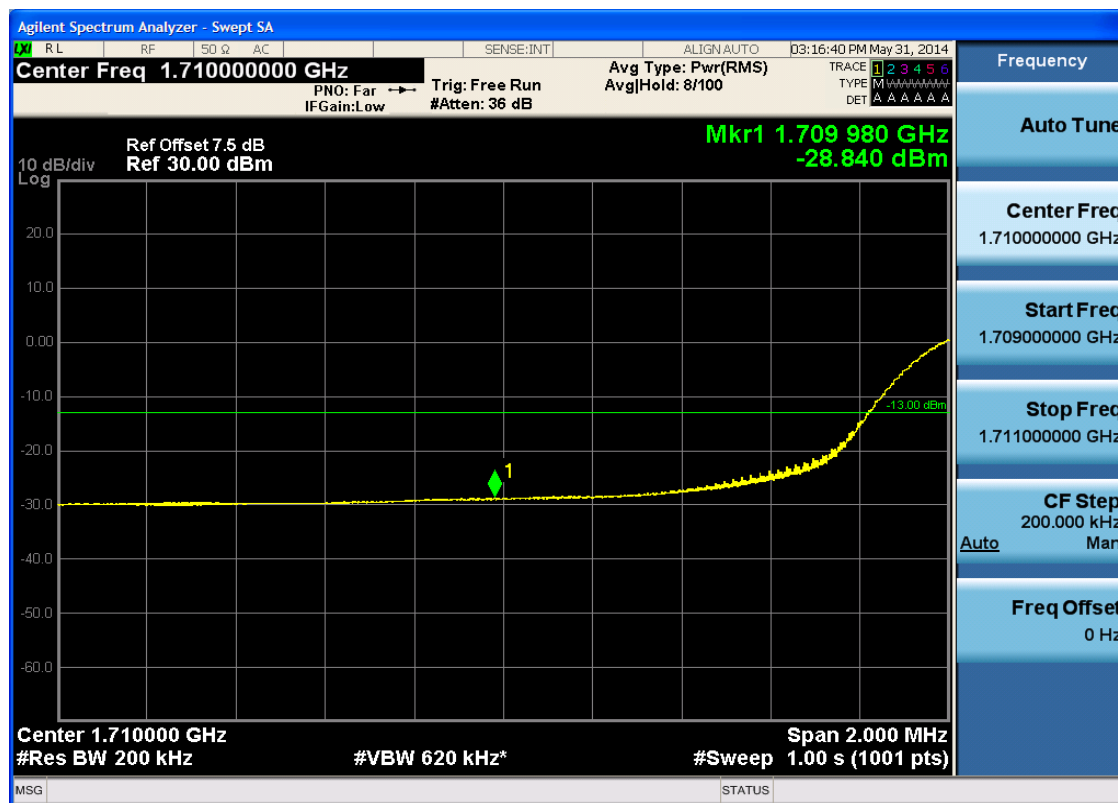


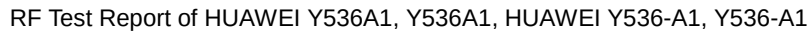
5.3.2.1.6.1.3 Test RB = RB50#25



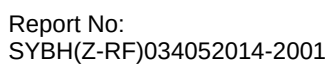


5.3.2.1.6.1.4 Test RB = RB100#0



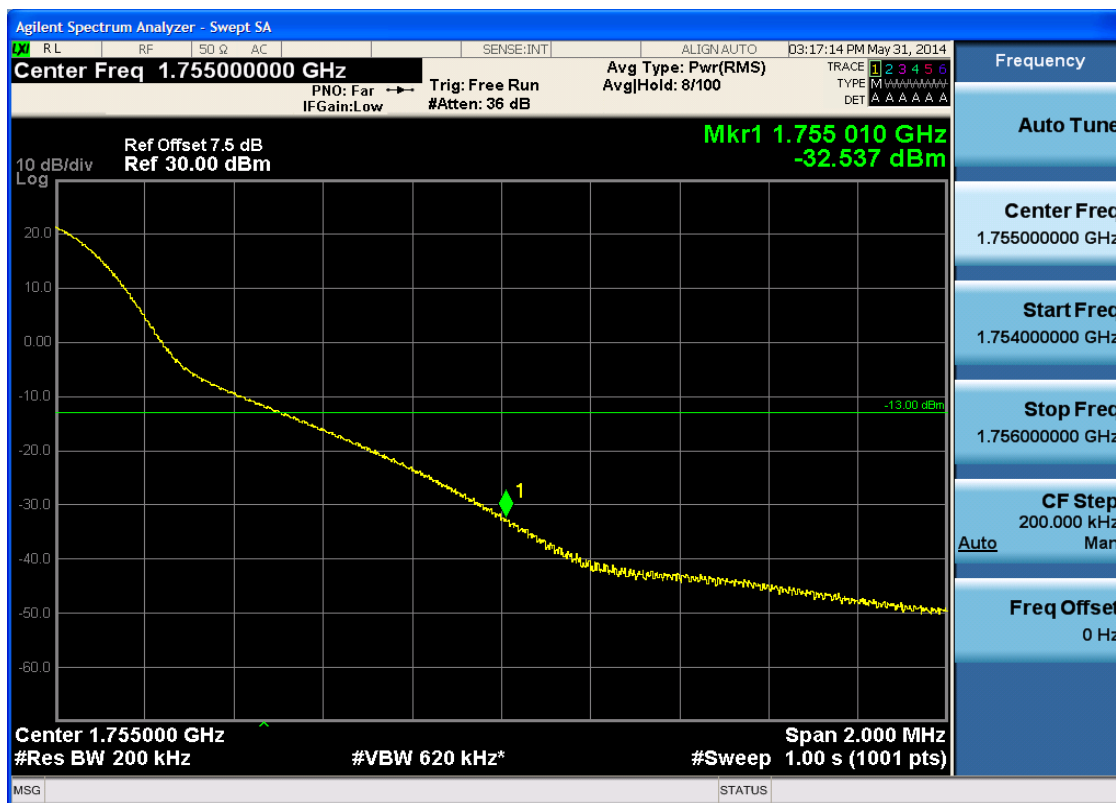


5.3.2.1.6.2.1 Test RB = RB1#0





5.3.2.1.6.2.2 Test RB = RB1#99



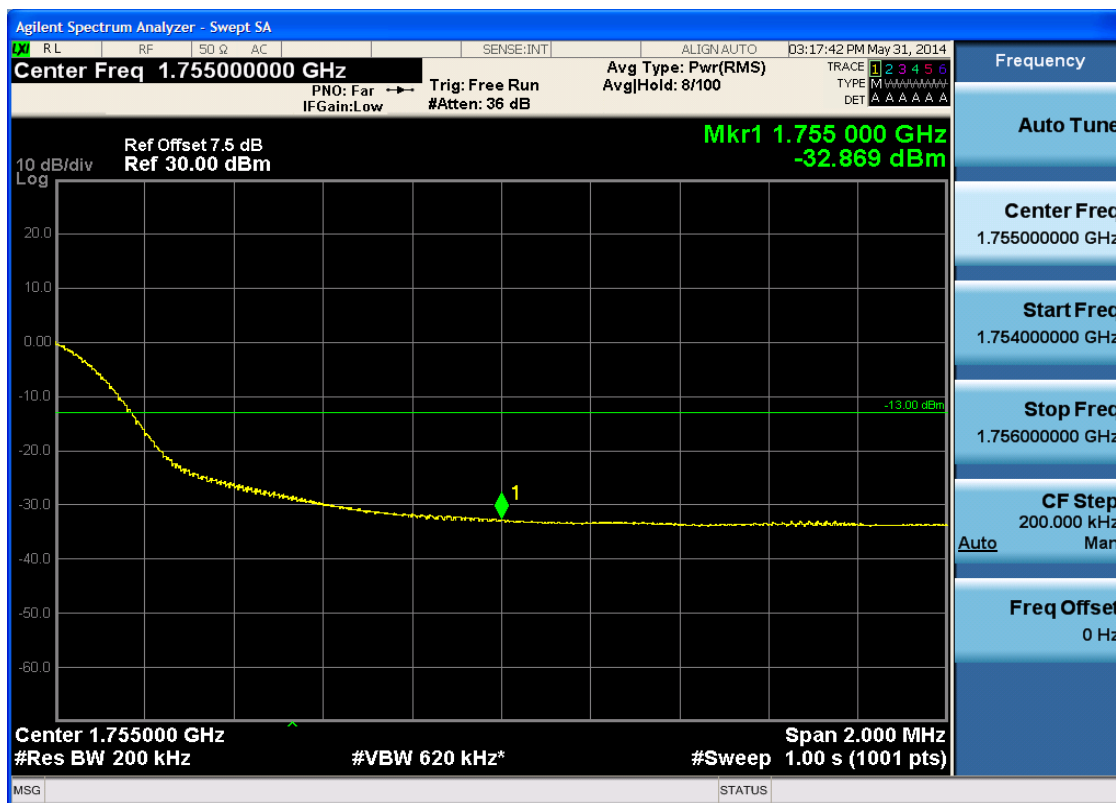


5.3.2.1.6.2.3 Test RB = RB50#25





5.3.2.1.6.2.4 Test RB = RB100#0



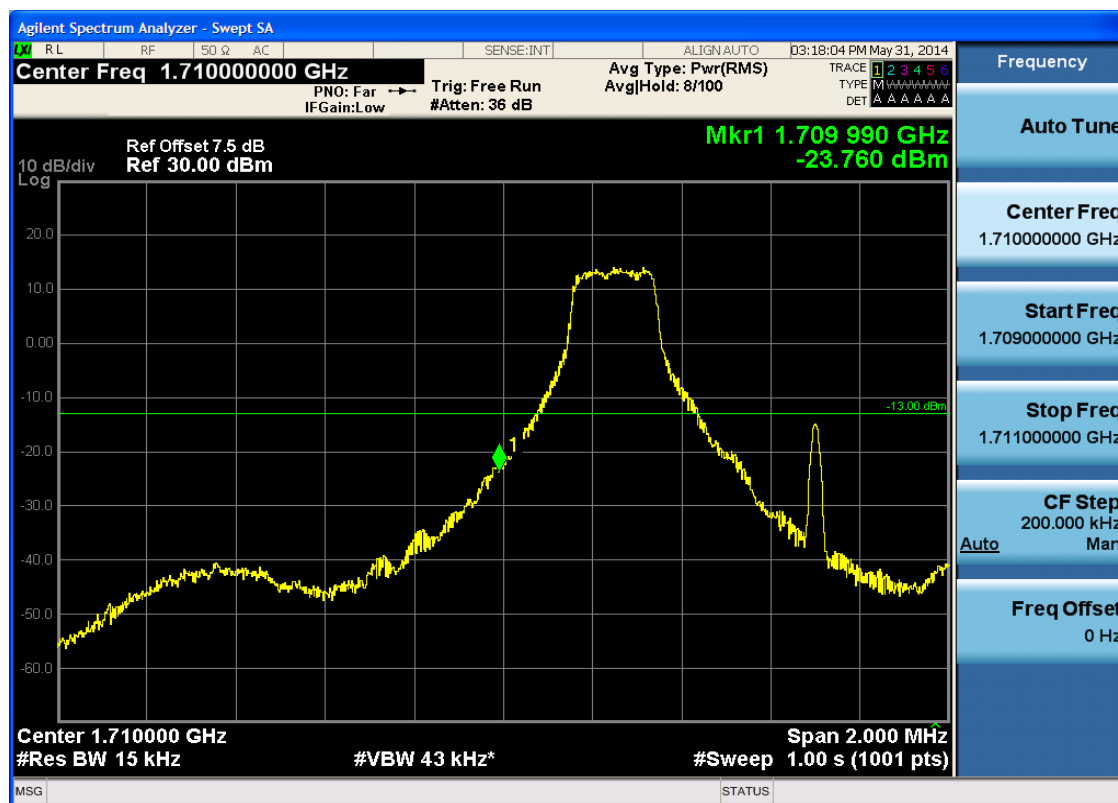


5.3.2.2 Test Mode = LTE/TM2

5.3.2.2.1 Test Bandwidth = 1.4

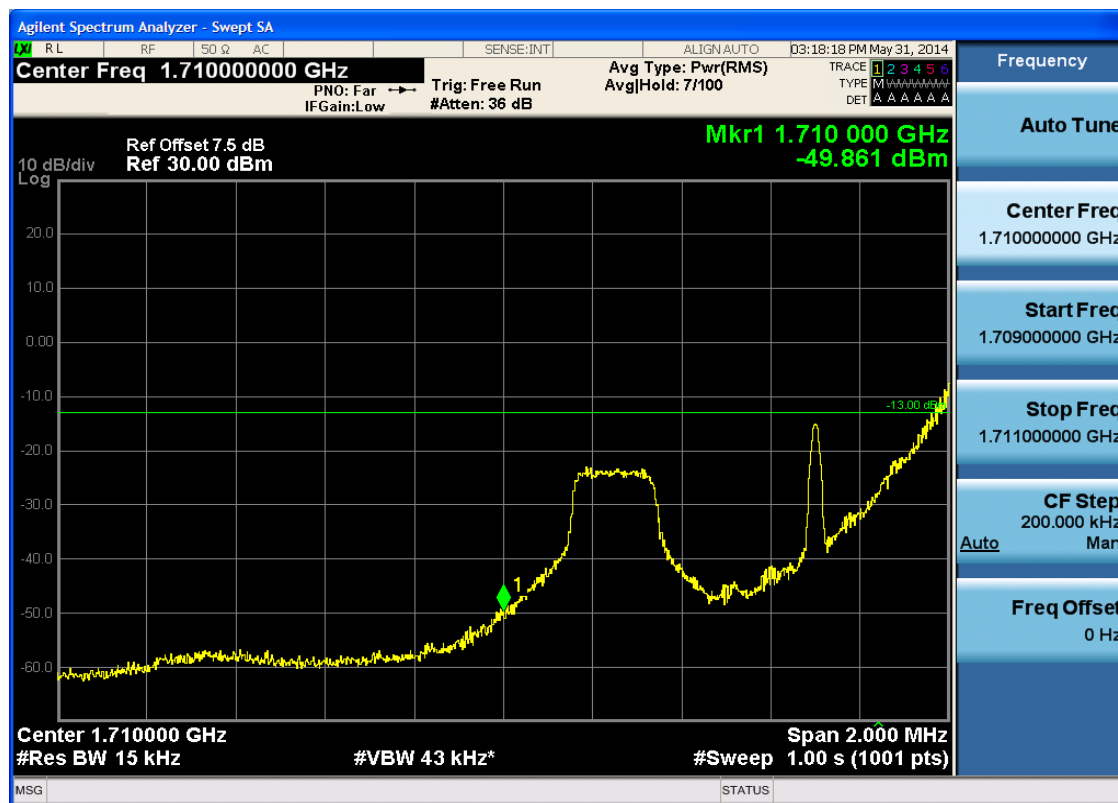
5.3.2.2.1.1 Test Channel = LCH

5.3.2.2.1.1.1 Test RB = RB1#0



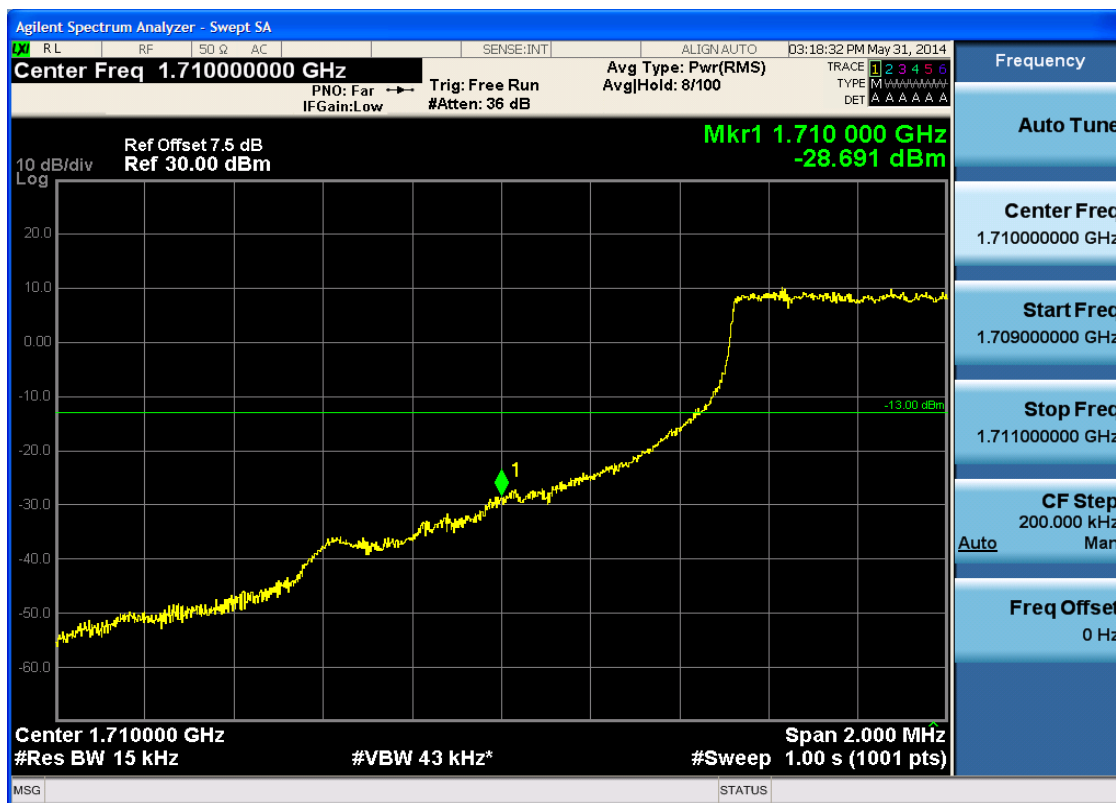


5.3.2.2.1.1.2 Test RB = RB1#5



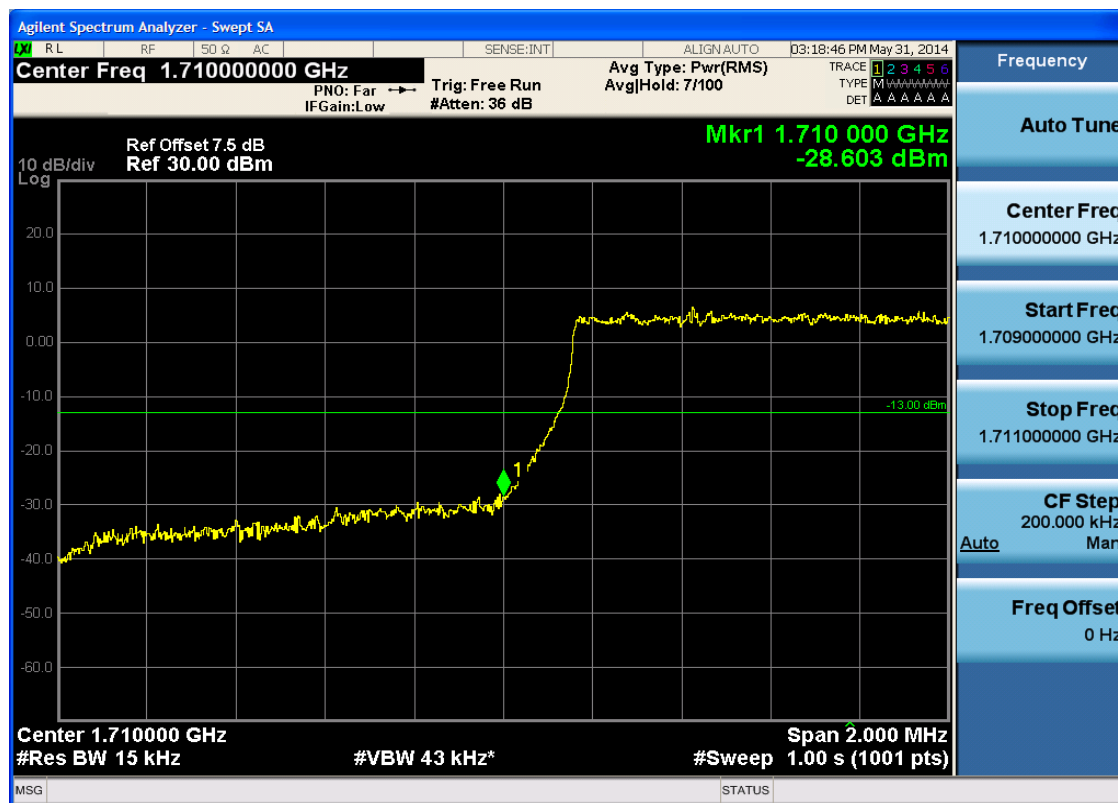


5.3.2.2.1.1.3 Test RB = RB3#2





5.3.2.2.1.1.4 Test RB = RB6#0





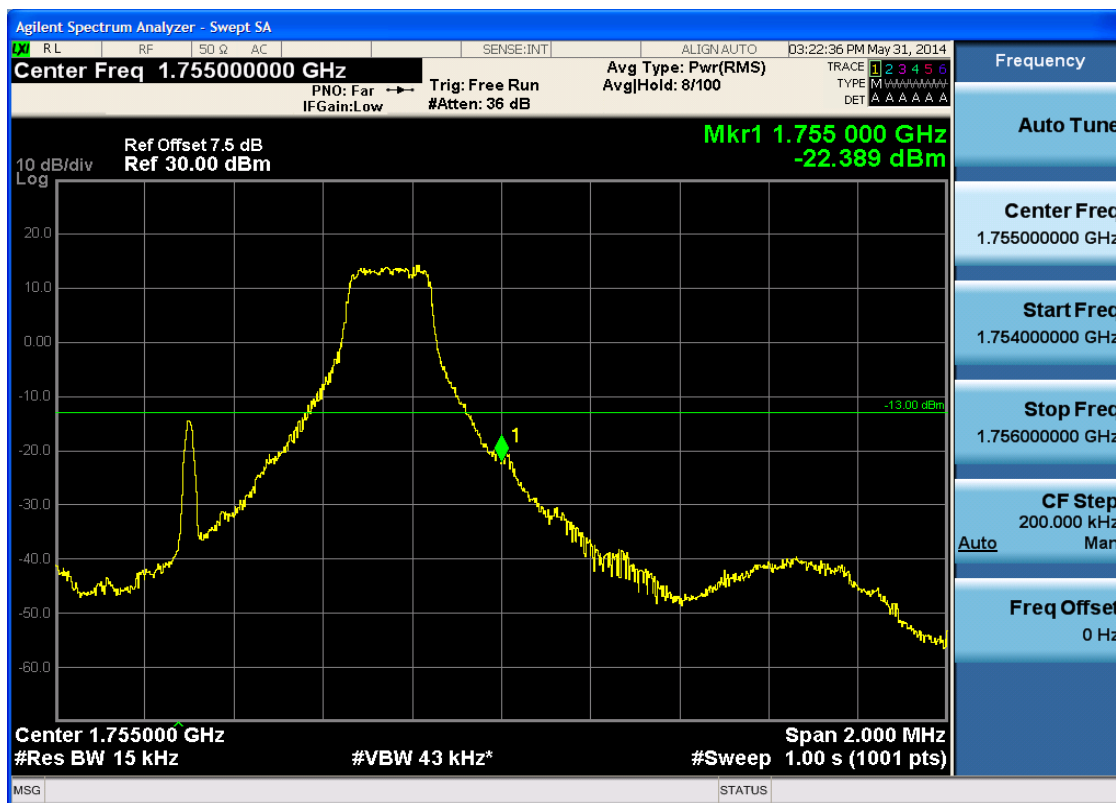
5.3.2.2.1.2 Test Channel = HCH

5.3.2.2.1.2.1 Test RB = RB1#0





5.3.2.2.1.2.2 Test RB = RB1#5





5.3.2.2.1.2.3 Test RB = RB3#2





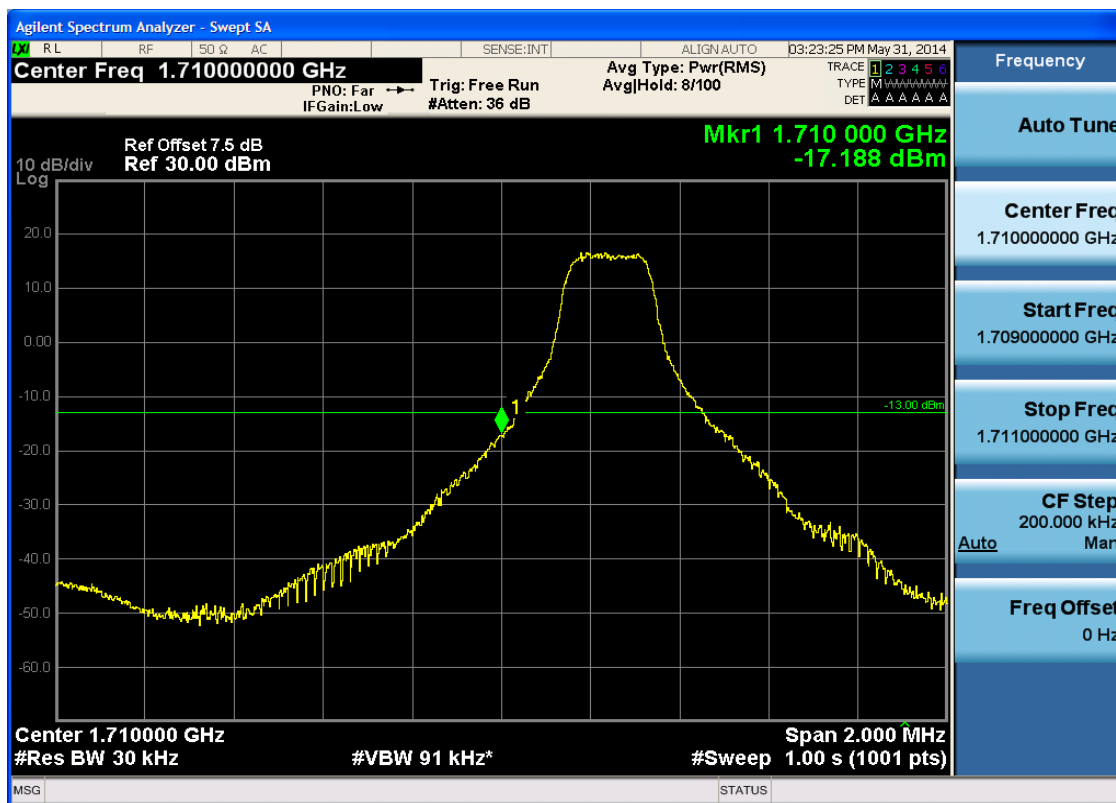
5.3.2.2.1.2.4 Test RB = RB6#0



5.3.2.2.2 Test Bandwidth = 3

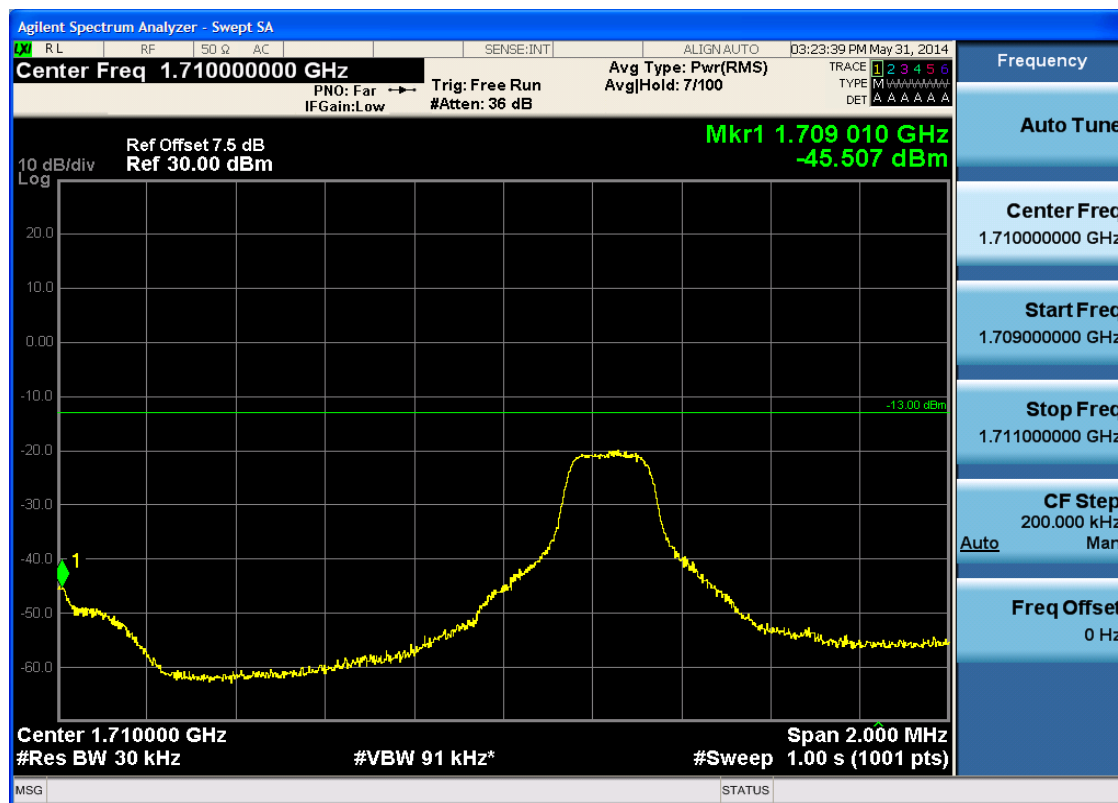
5.3.2.2.2.1 Test Channel = LCH

5.3.2.2.2.1.1 Test RB = RB1#0



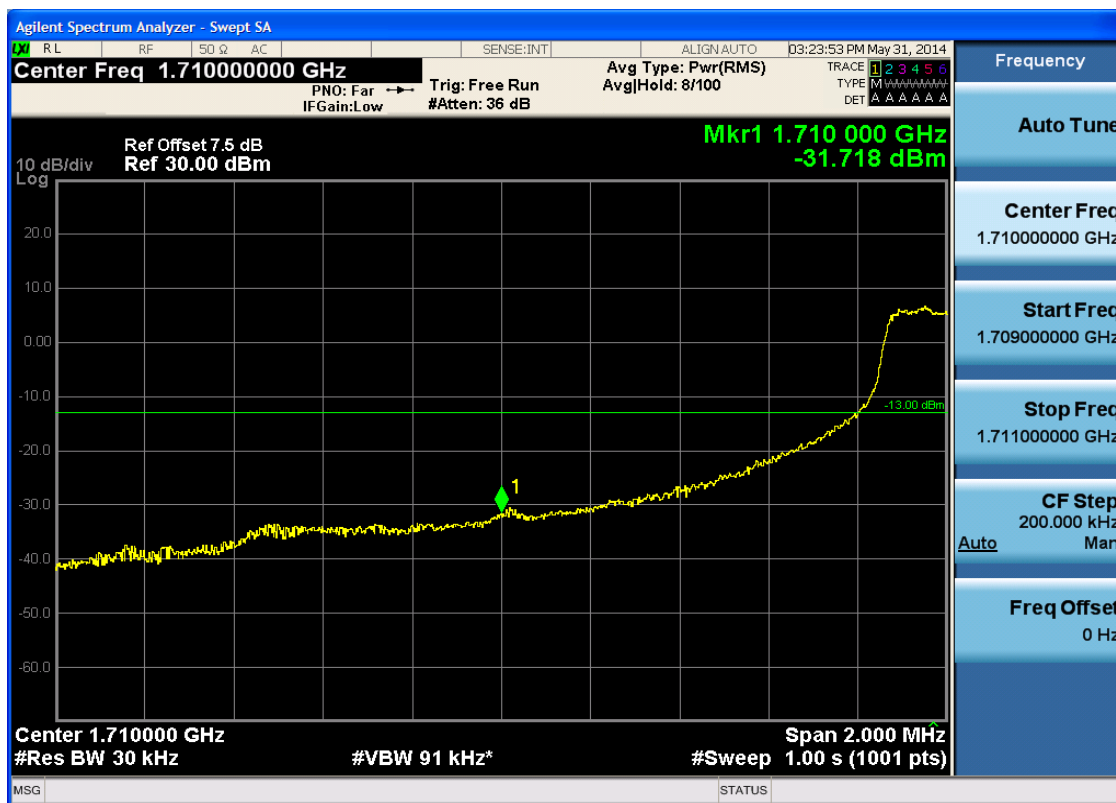


5.3.2.2.1.2 Test RB = RB1#14



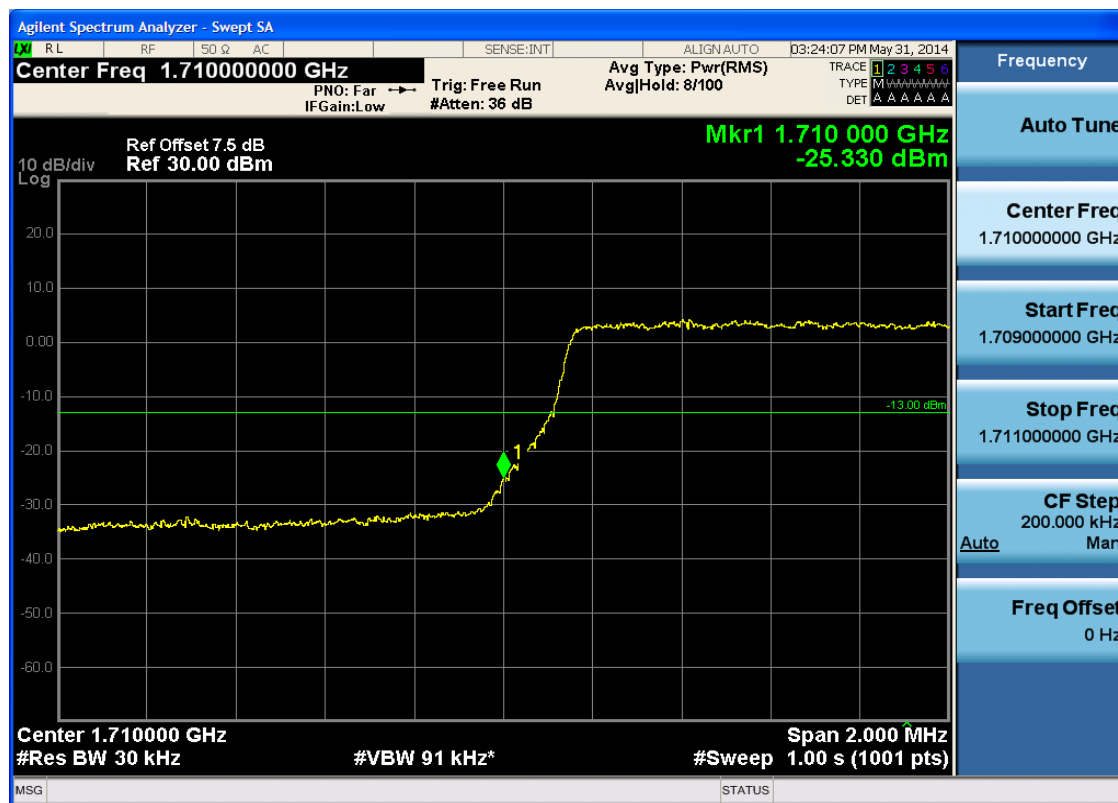


5.3.2.2.1.3 Test RB = RB8#4





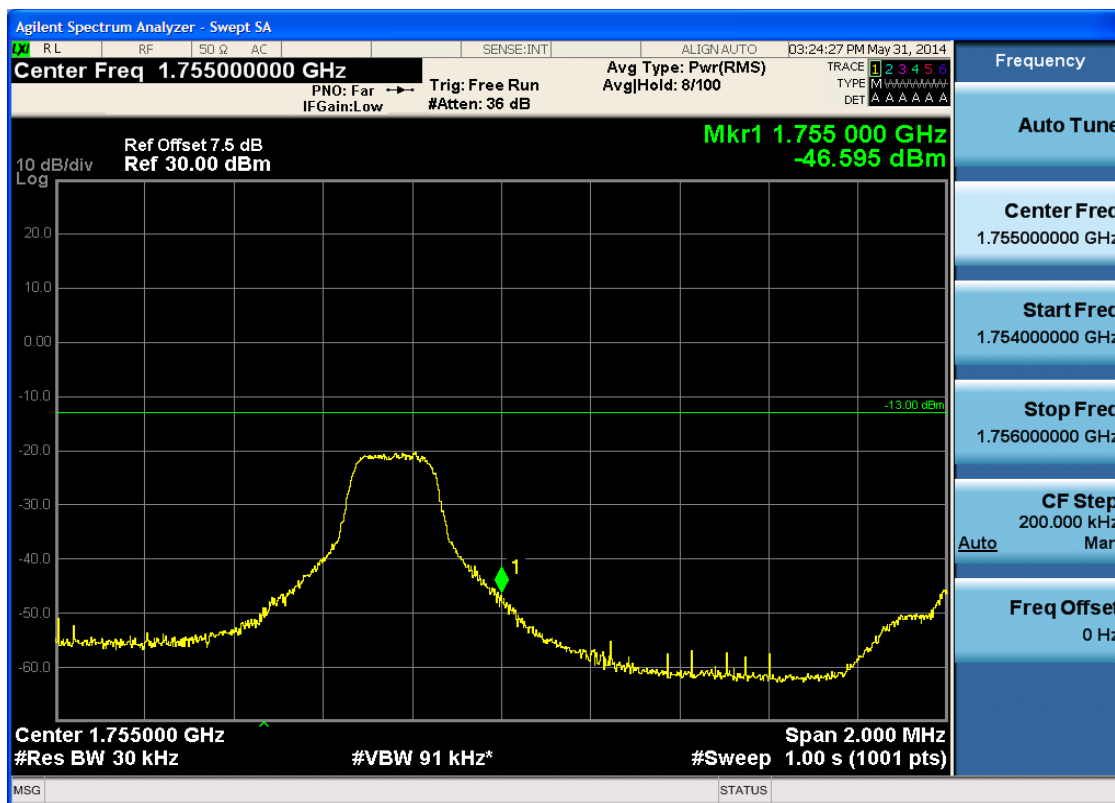
5.3.2.2.1.4 Test RB = RB15#0





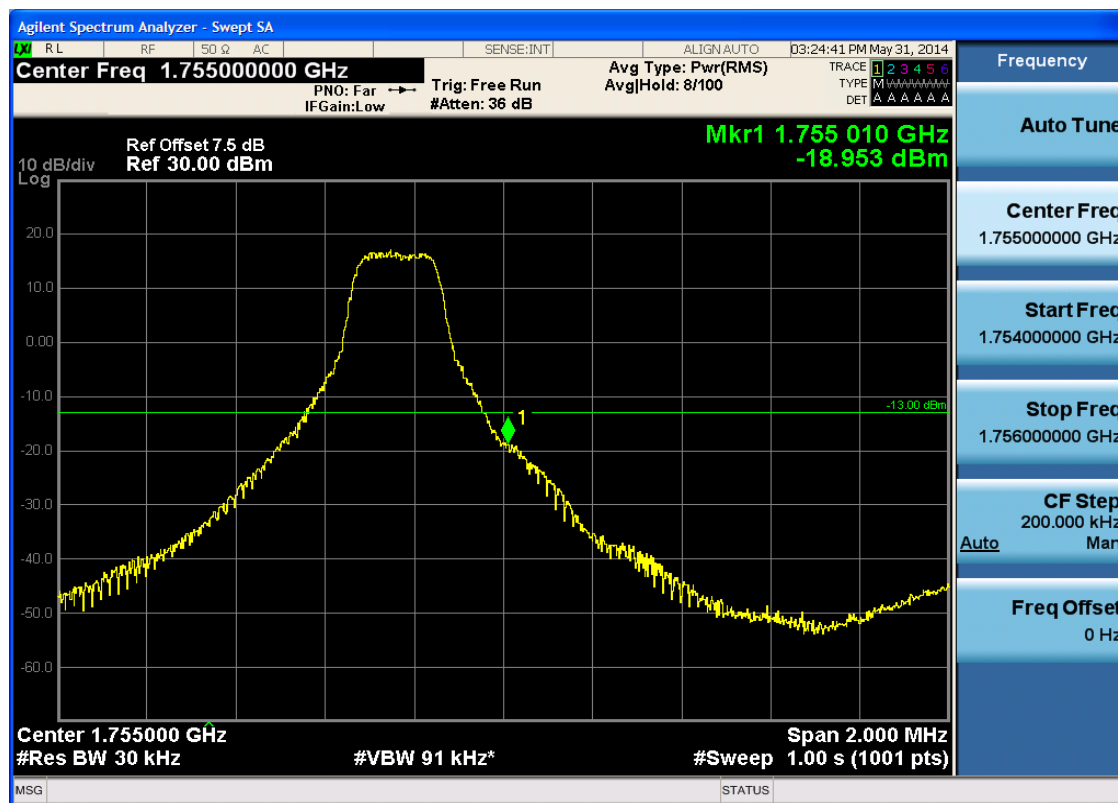
5.3.2.2.2 Test Channel = HCH

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





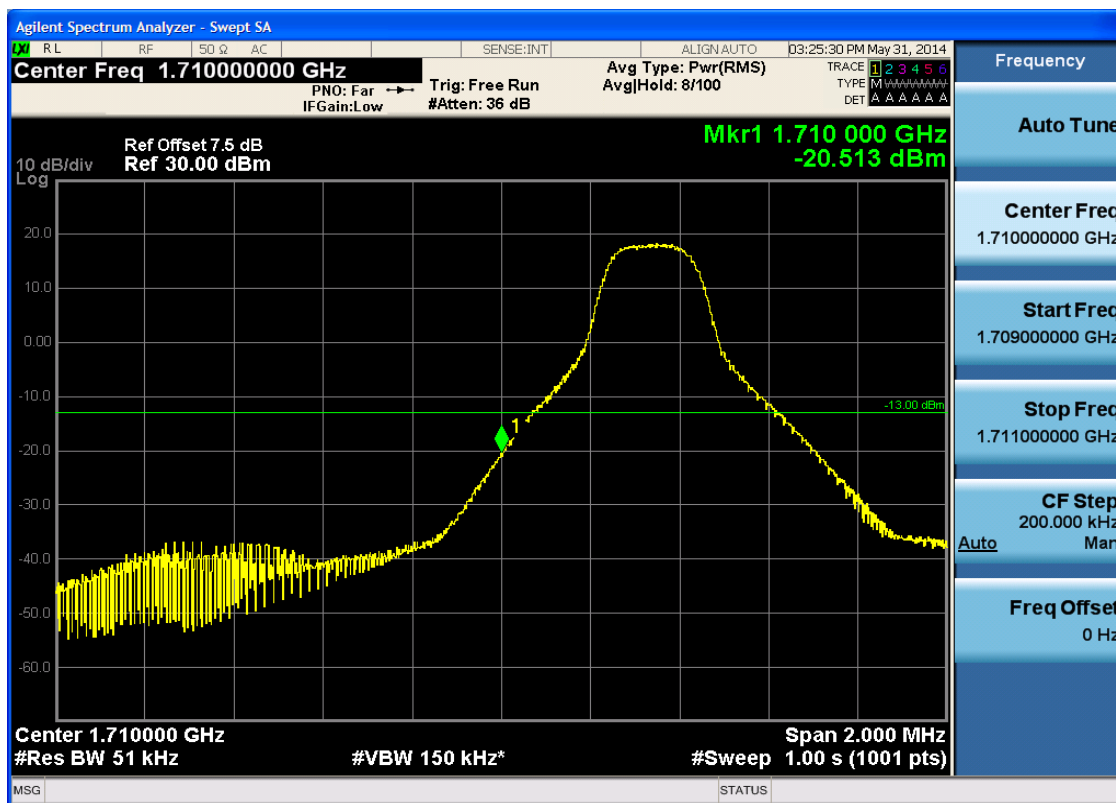
5.3.2.2.2.4 Test RB = RB15#0



5.3.2.2.3 Test Bandwidth = 5

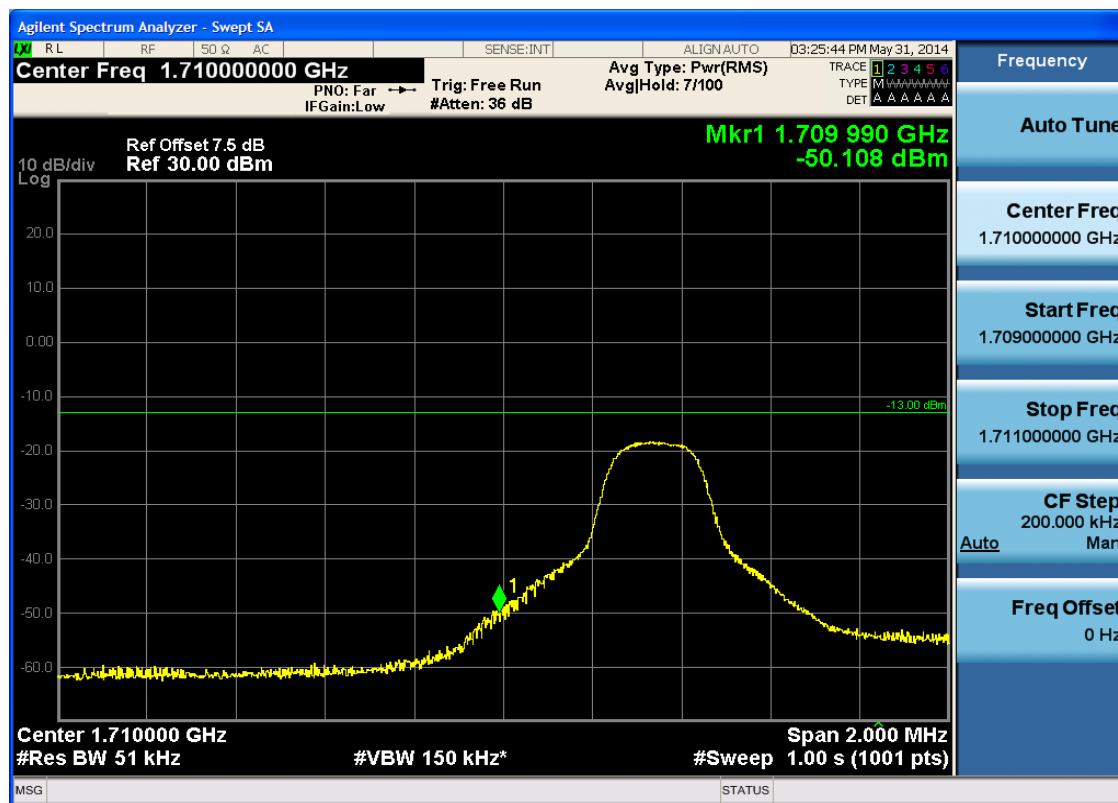
5.3.2.2.3.1 Test Channel = LCH

5.3.2.2.3.1.1 Test RB = RB1#0



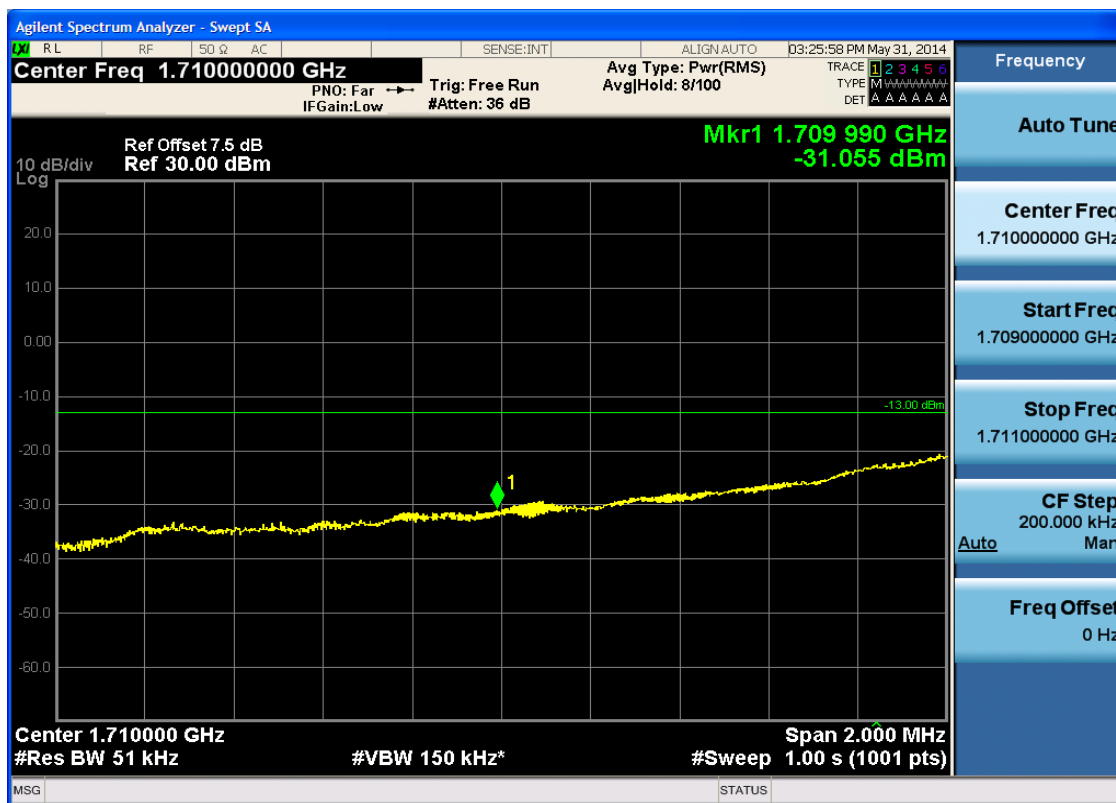


5.3.2.2.3.1.2 Test RB = RB1#24



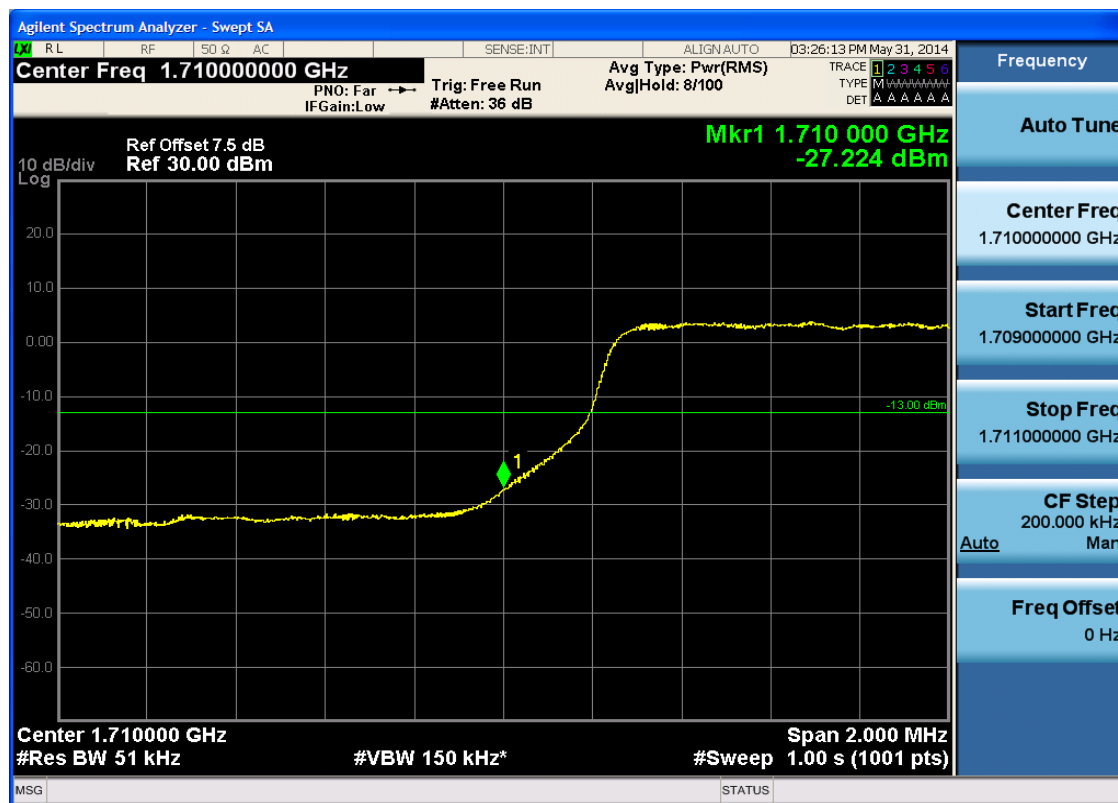


5.3.2.2.3.1.3 Test RB = RB12#6





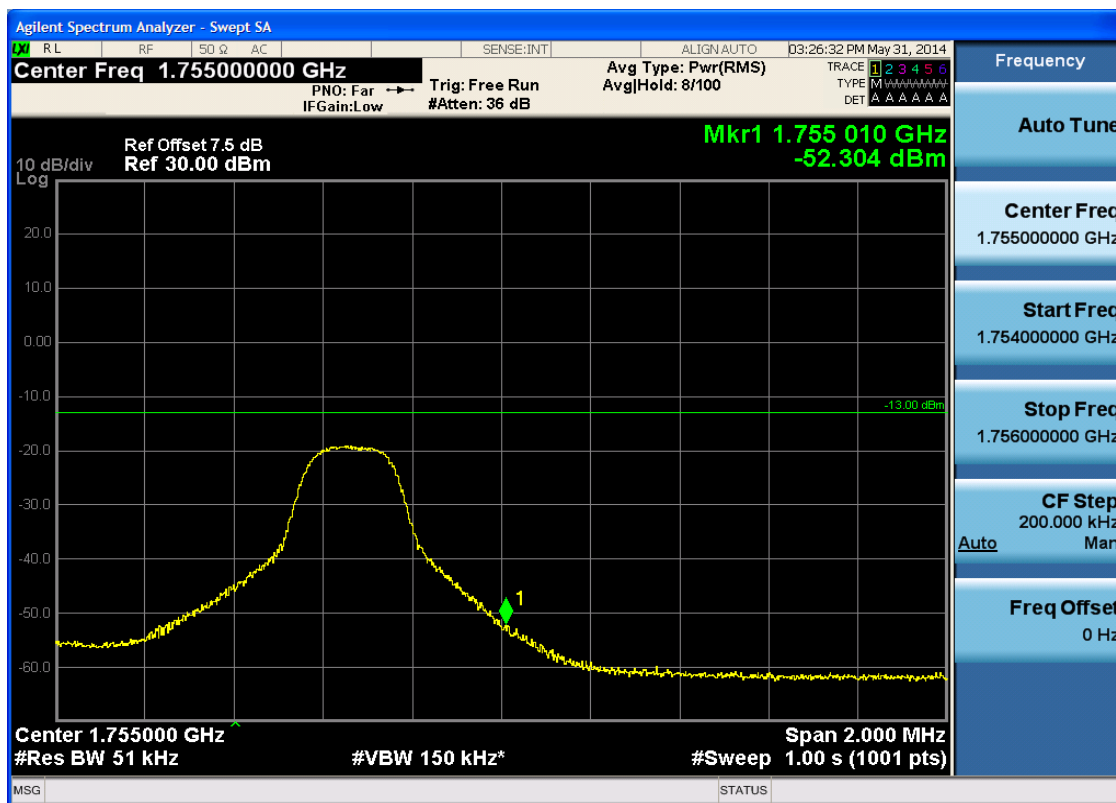
5.3.2.2.3.1.4 Test RB = RB25#0





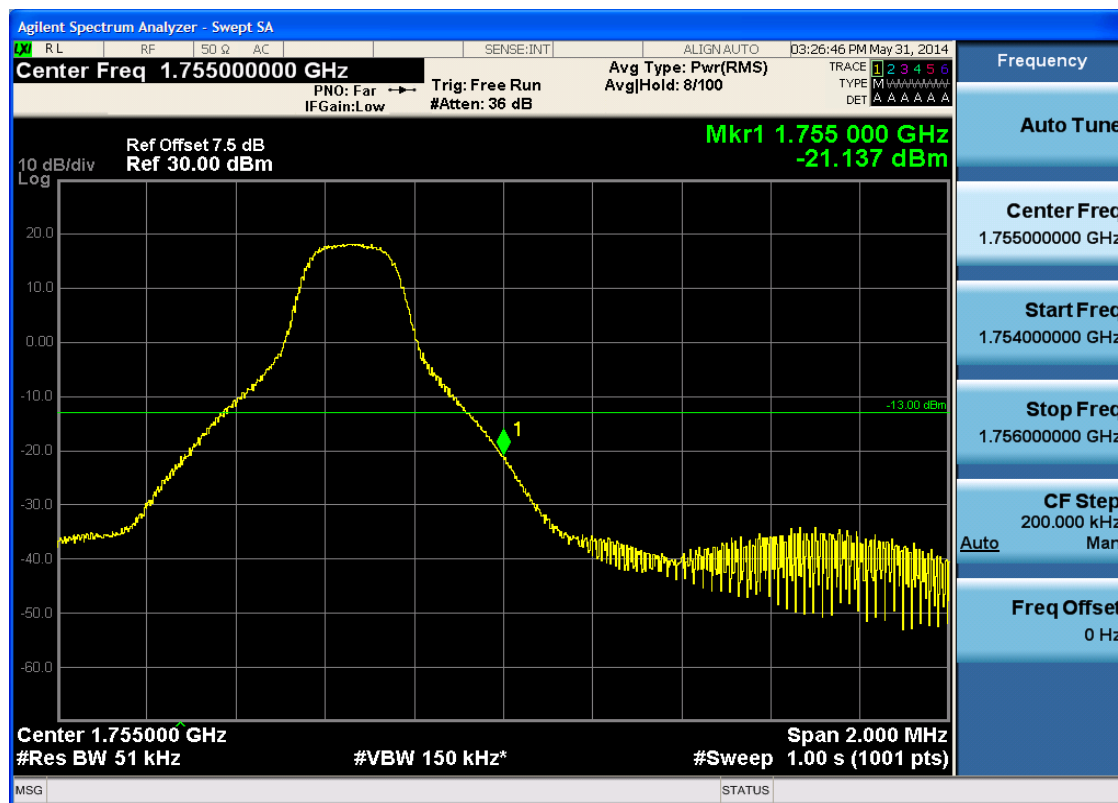
5.3.2.2.3.2 Test Channel = HCH

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





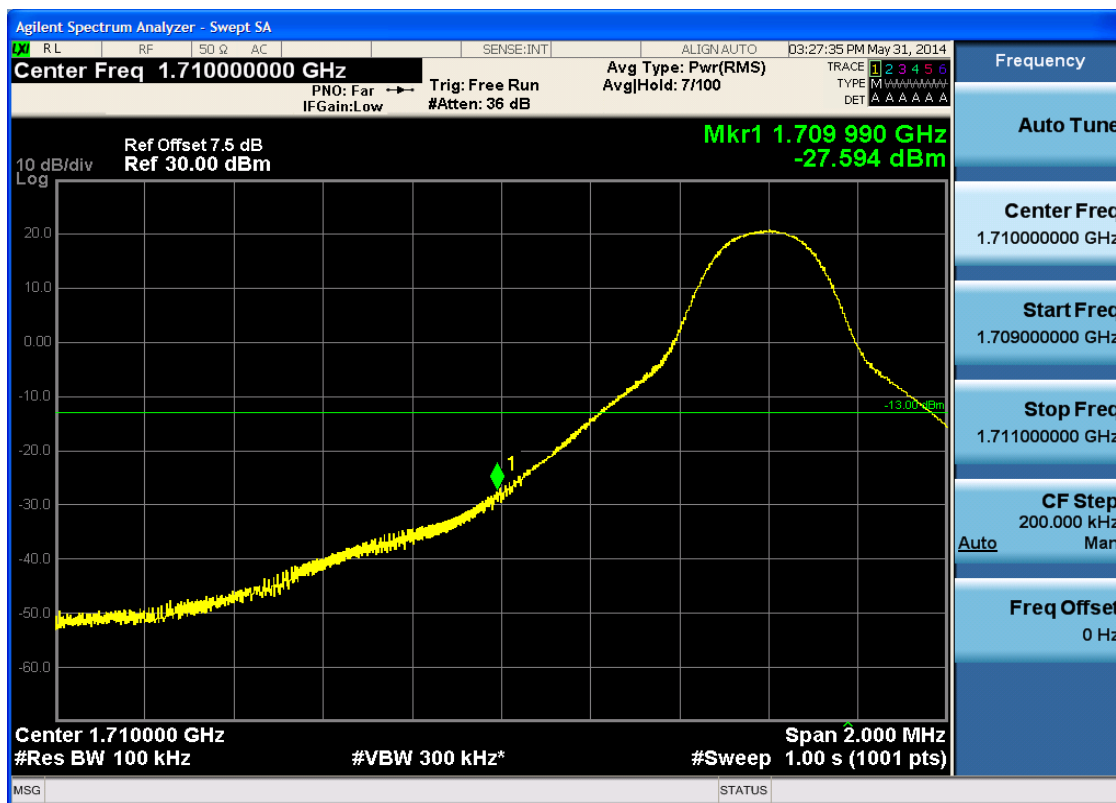
5.3.2.2.3.2.4 Test RB = RB25#0



5.3.2.2.4 Test Bandwidth = 10

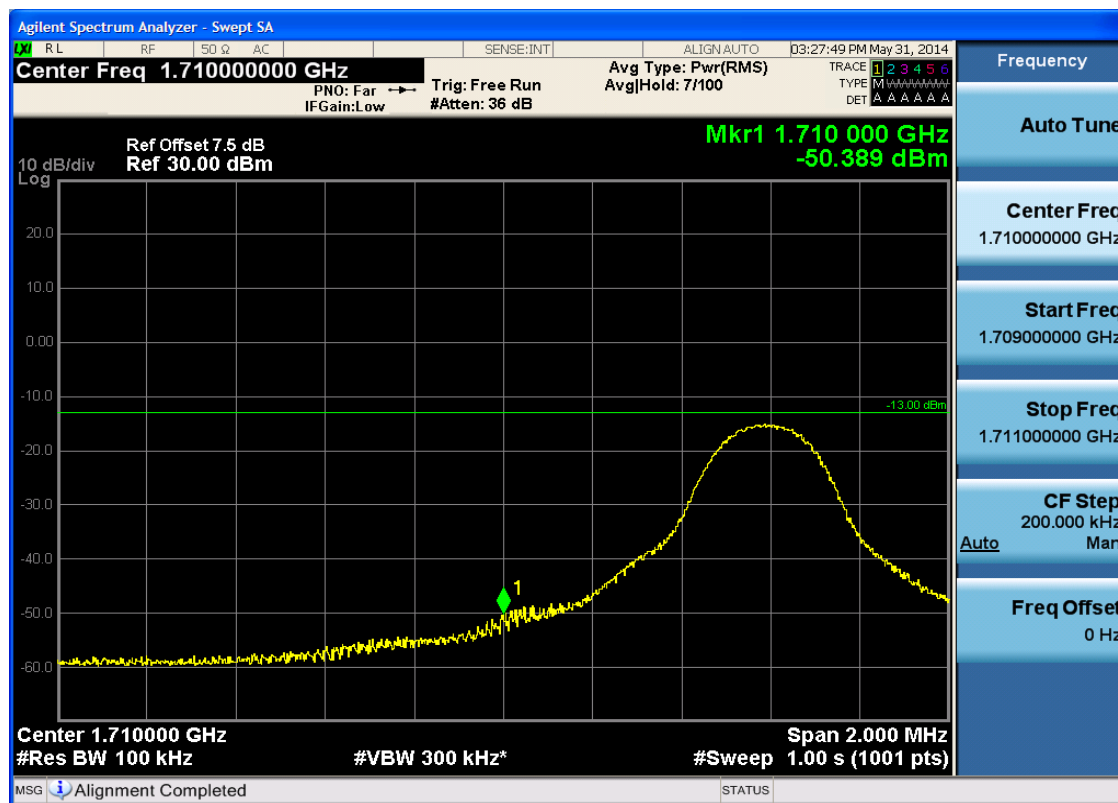
5.3.2.2.4.1 Test Channel = LCH

5.3.2.2.4.1.1 Test RB = RB1#0



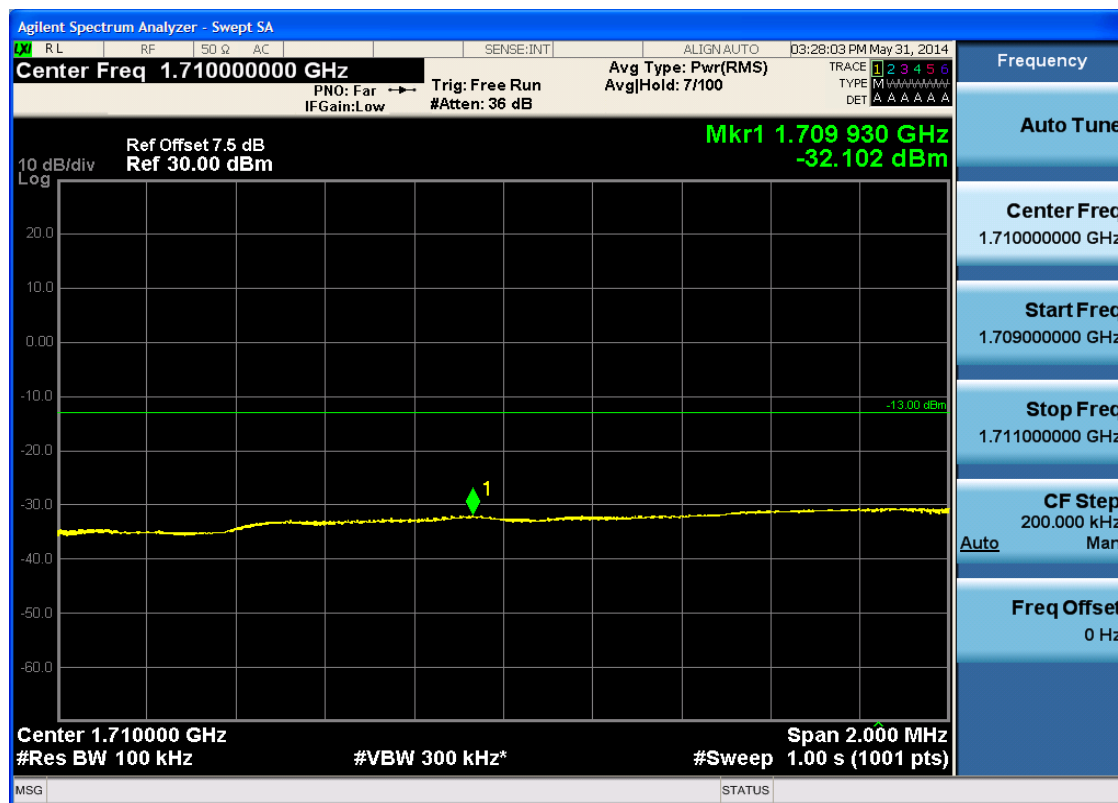


5.3.2.2.4.1.2 Test RB = RB1#49



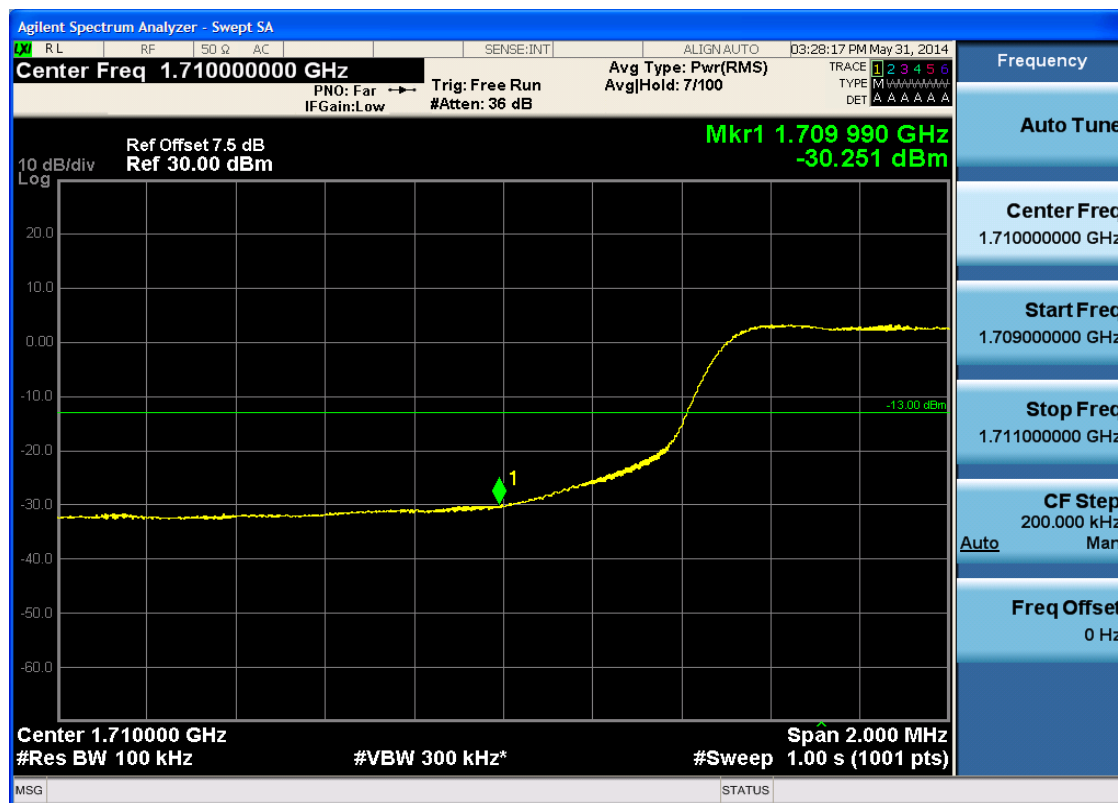


5.3.2.2.4.1.3 Test RB = RB25#13



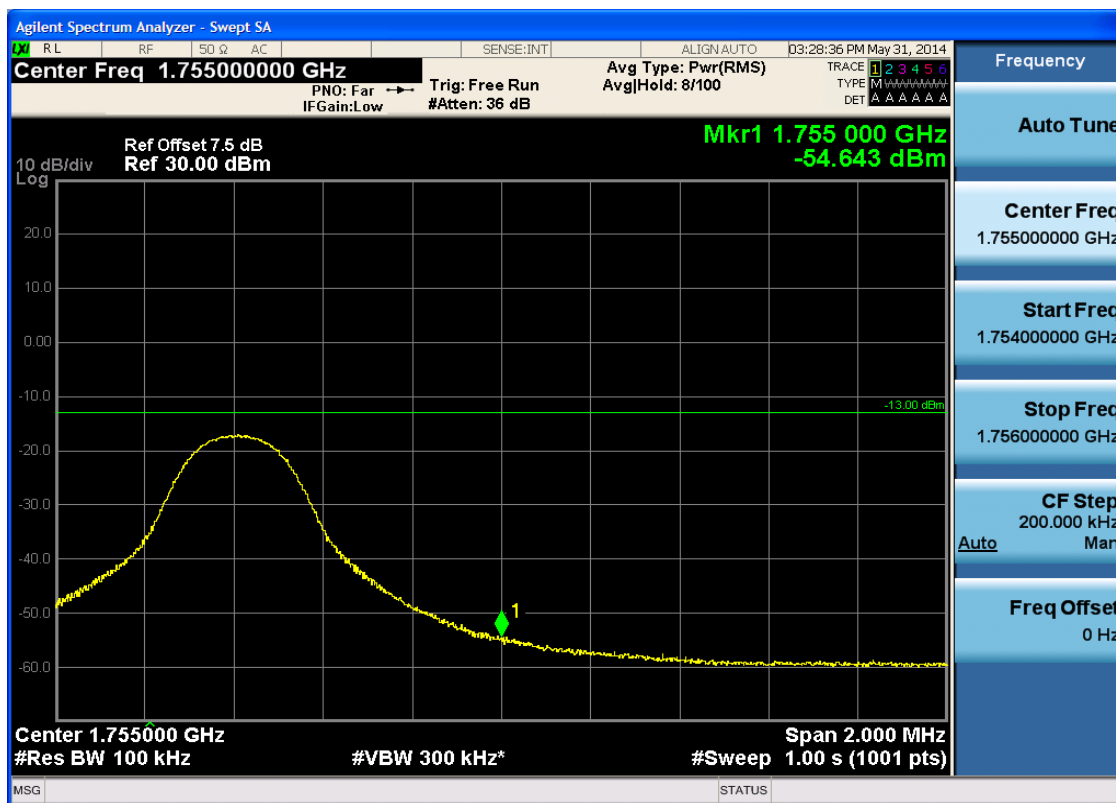


5.3.2.2.4.1.4 Test RB = RB50#0



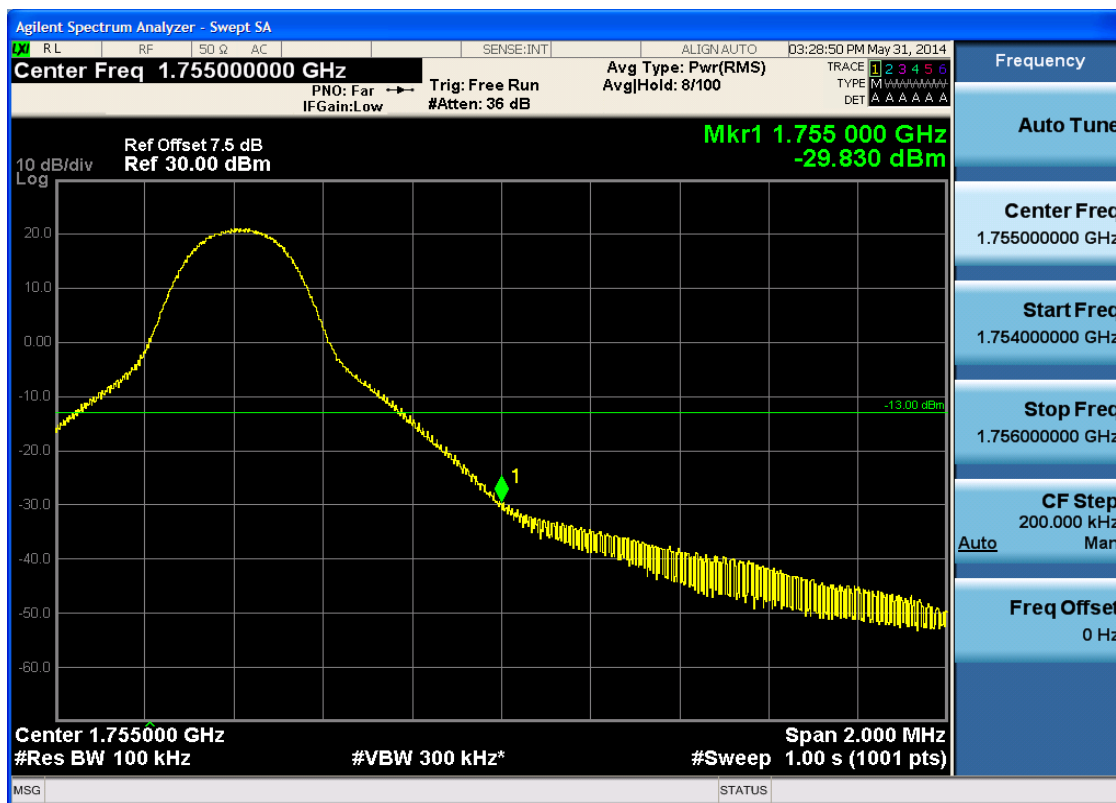
5.3.2.2.4.2 Test Channel = HCH

5.3.2.2.4.2.1 Test RB = RB1#0





5.3.2.2.4.2.2 Test RB = RB1#49



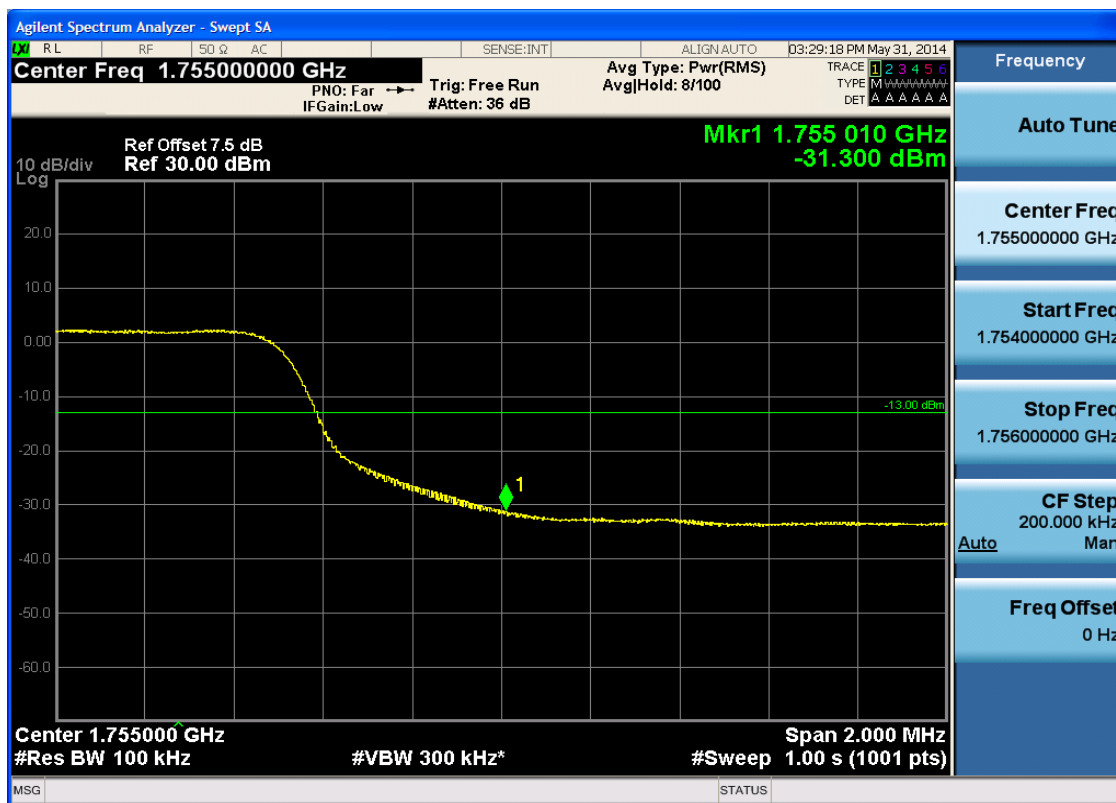


5.3.2.2.4.2.3 Test RB = RB25#13





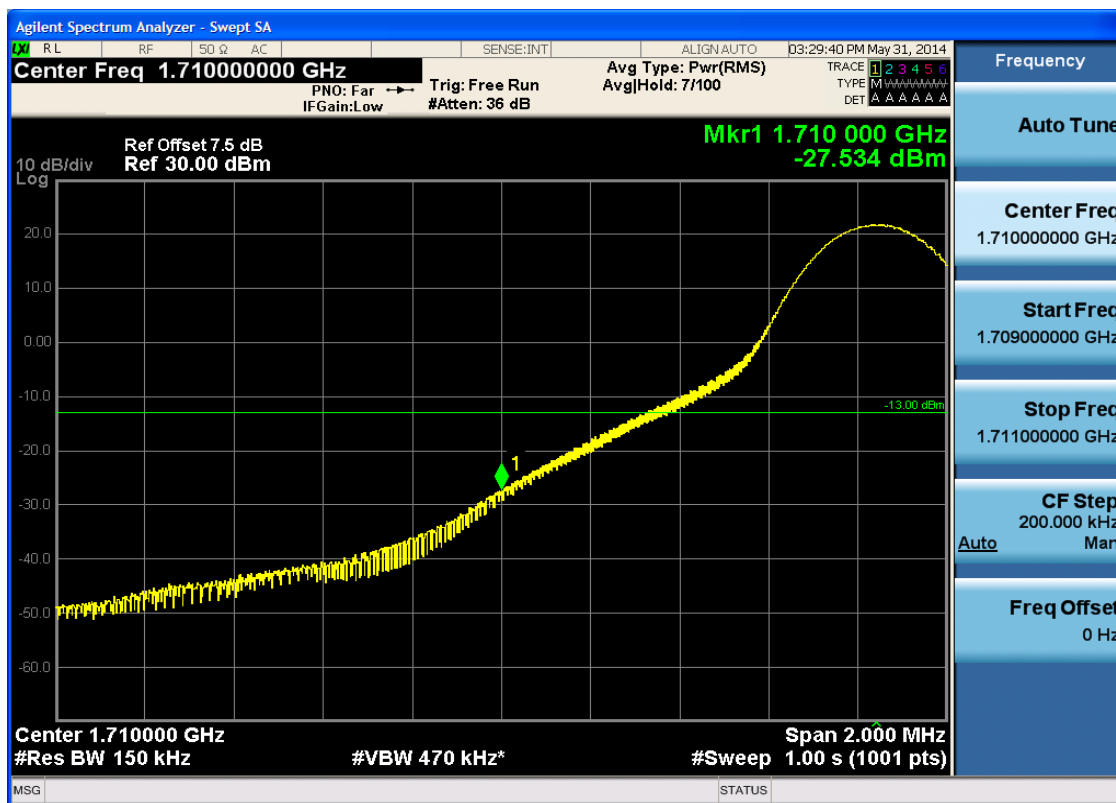
5.3.2.2.4.2.4 Test RB = RB50#0



5.3.2.2.5 Test Bandwidth = 15

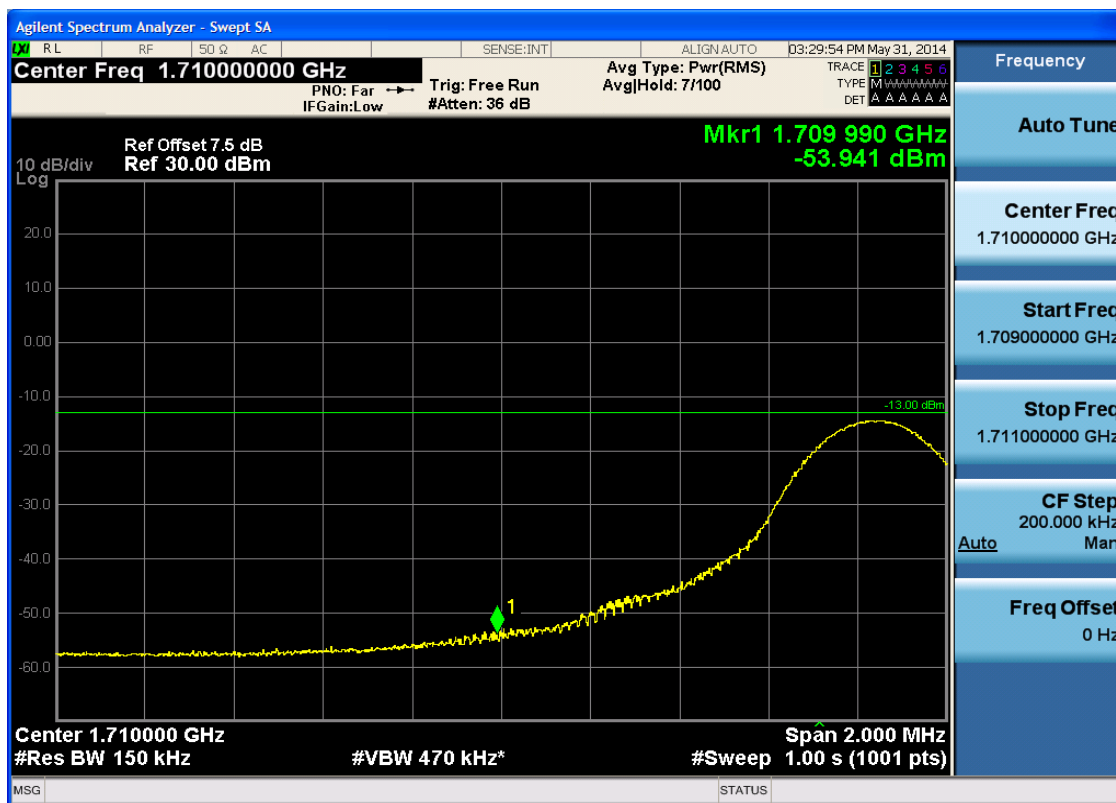
5.3.2.2.5.1 Test Channel = LCH

5.3.2.2.5.1.1 Test RB = RB1#0



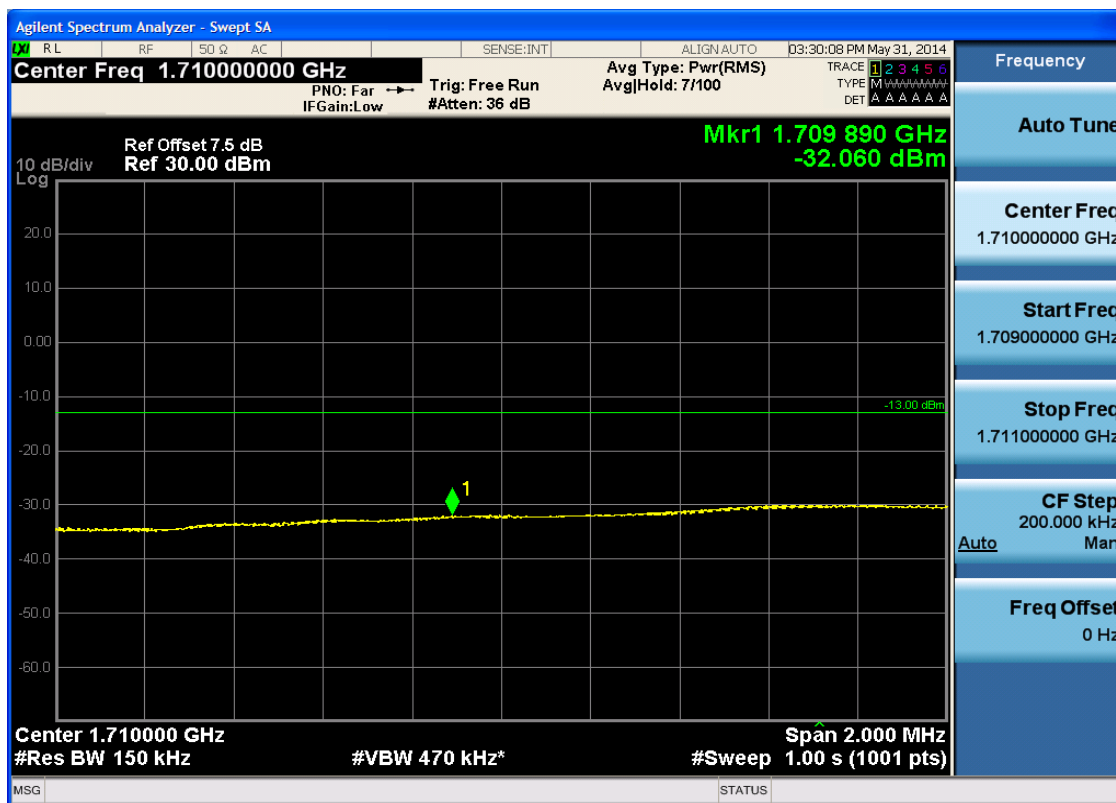


5.3.2.2.5.1.2 Test RB = RB1#74



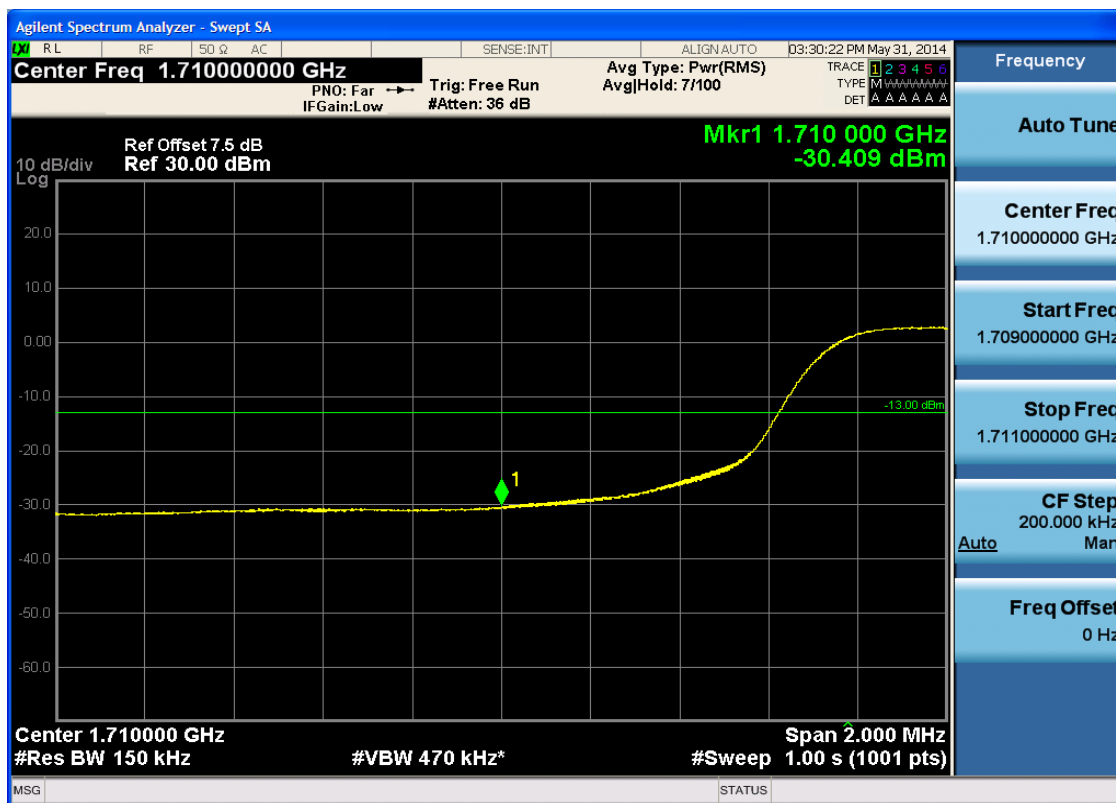


5.3.2.2.5.1.3 Test RB = RB38#19





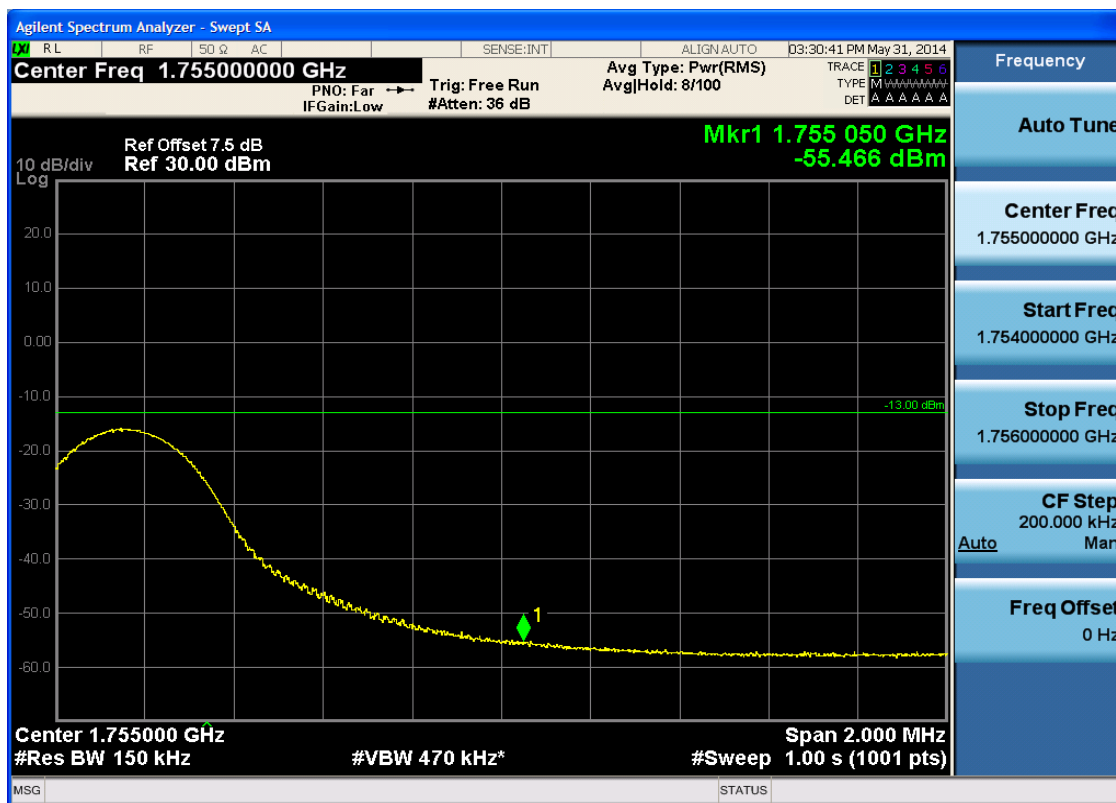
5.3.2.2.5.1.4 Test RB = RB75#0





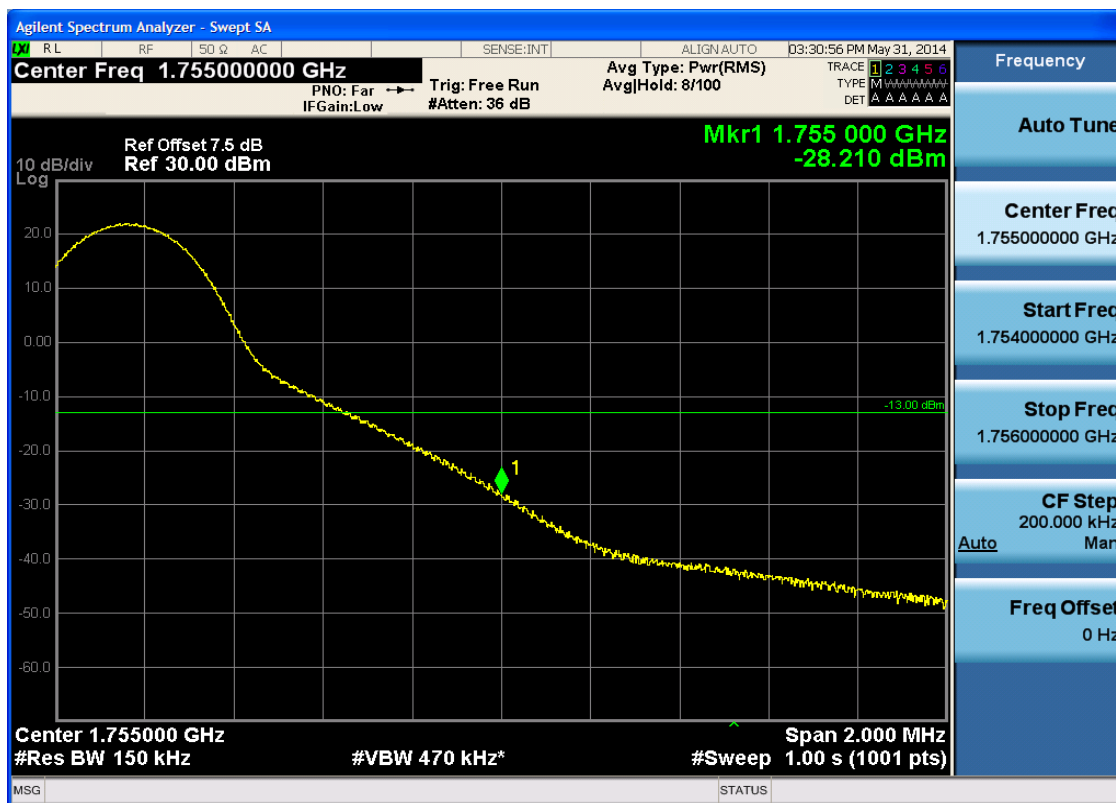
5.3.2.2.5.2 Test Channel = HCH

5.3.2.2.5.2.1 Test RB = RB1#0



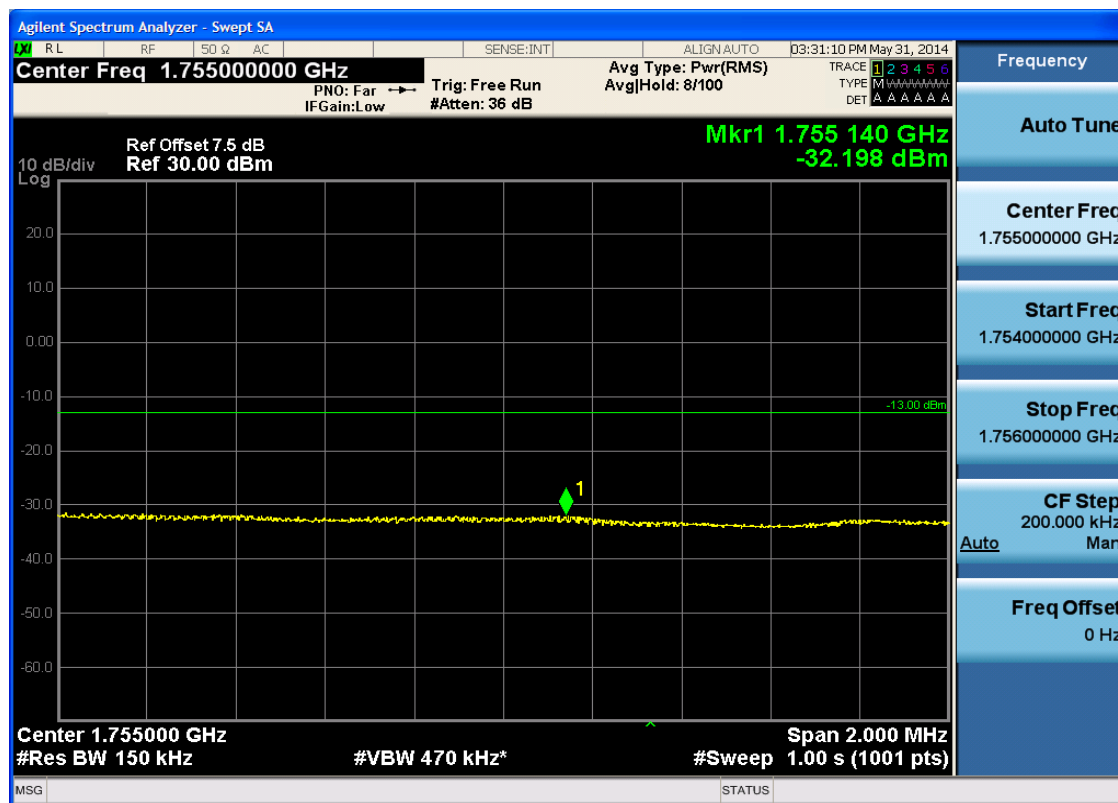


5.3.2.2.5.2.2 Test RB = RB1#74



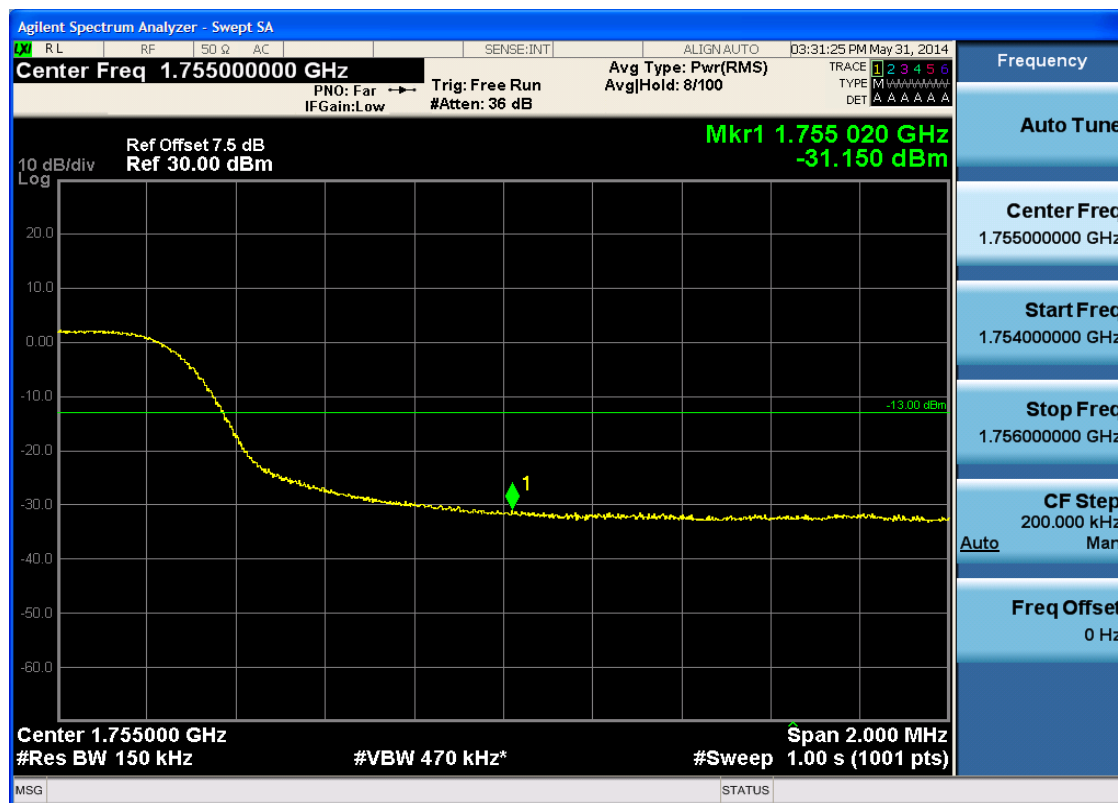


5.3.2.2.5.2.3 Test RB = RB38#19





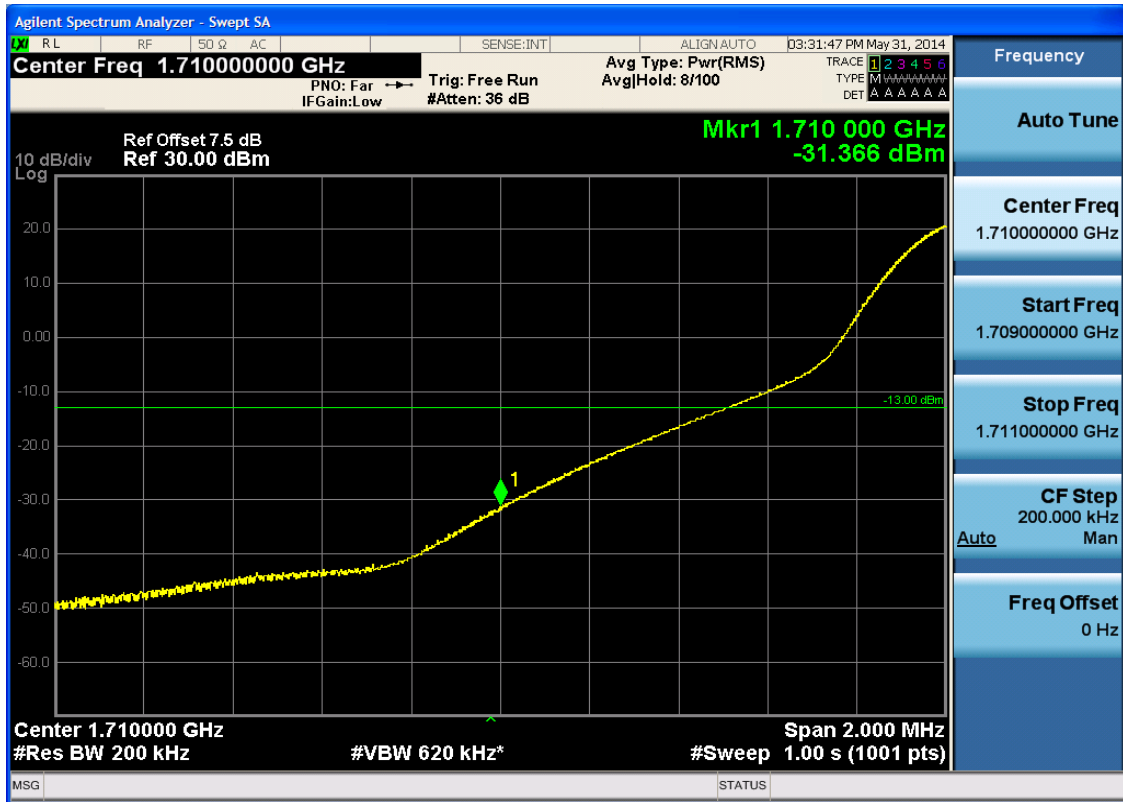
5.3.2.2.5.2.4 Test RB = RB75#0



5.3.2.2.6 Test Bandwidth = 20

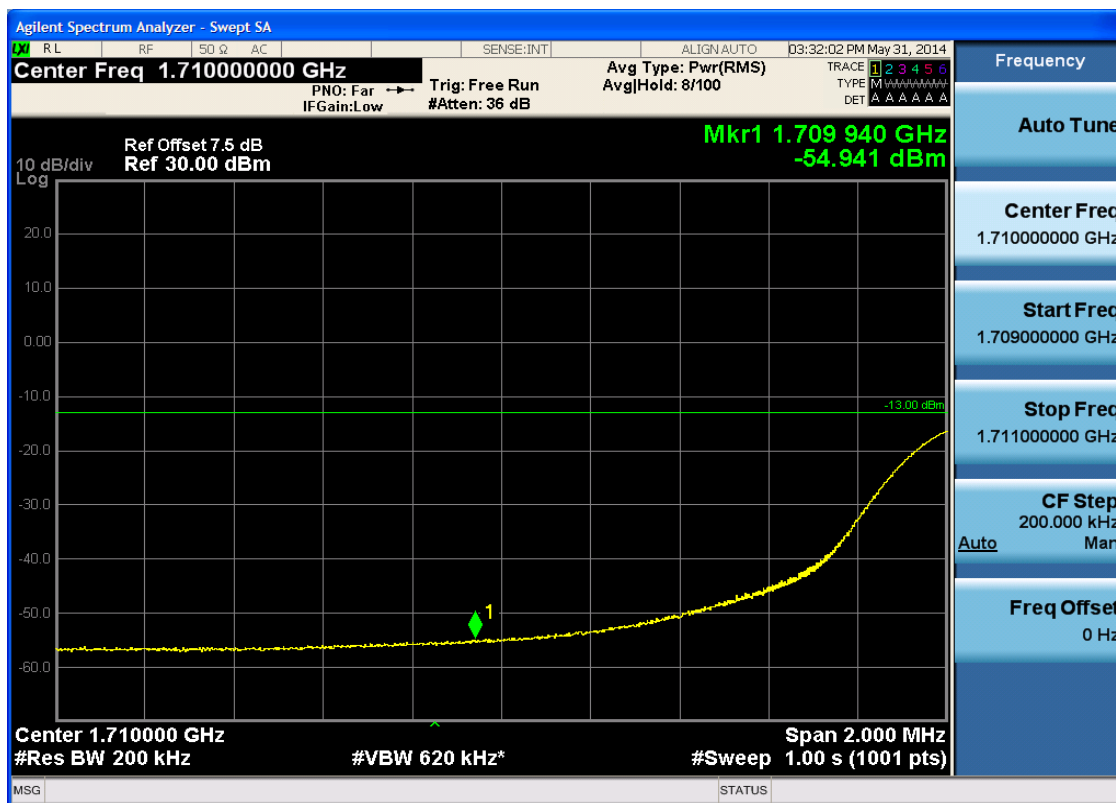
5.3.2.2.6.1 Test Channel = LCH

5.3.2.2.6.1.1 Test RB = RB1#0



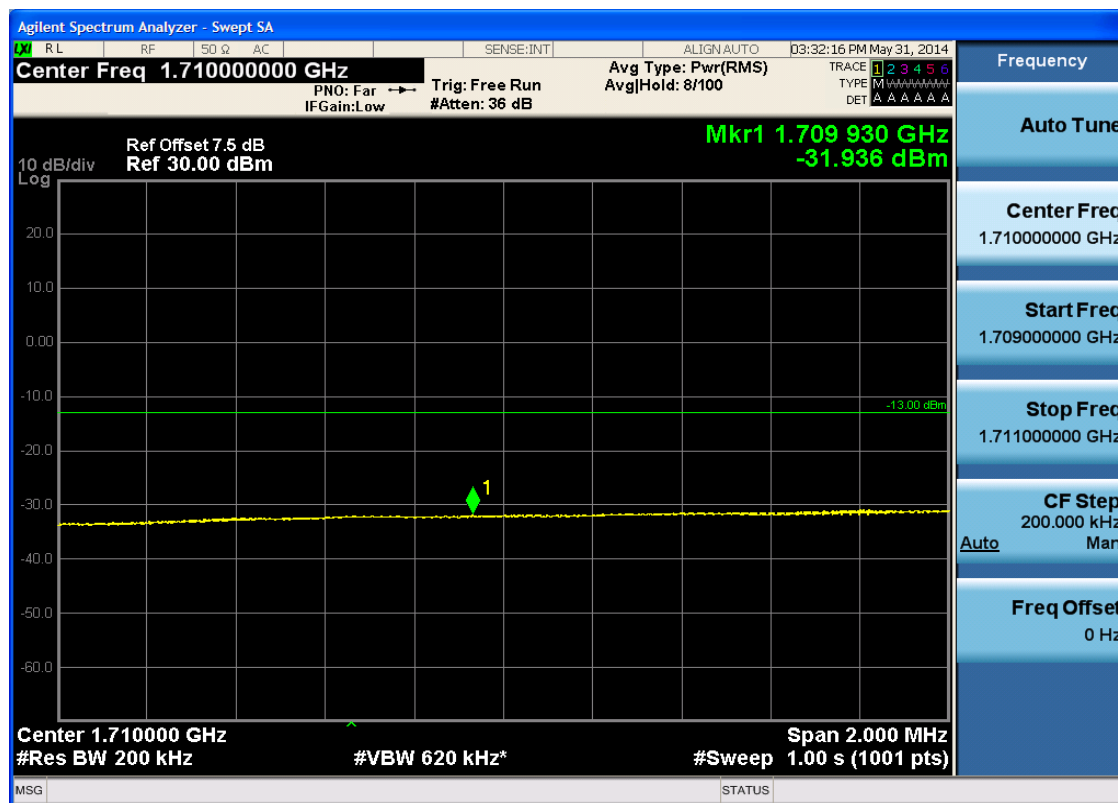


5.3.2.2.6.1.2 Test RB = RB1#99



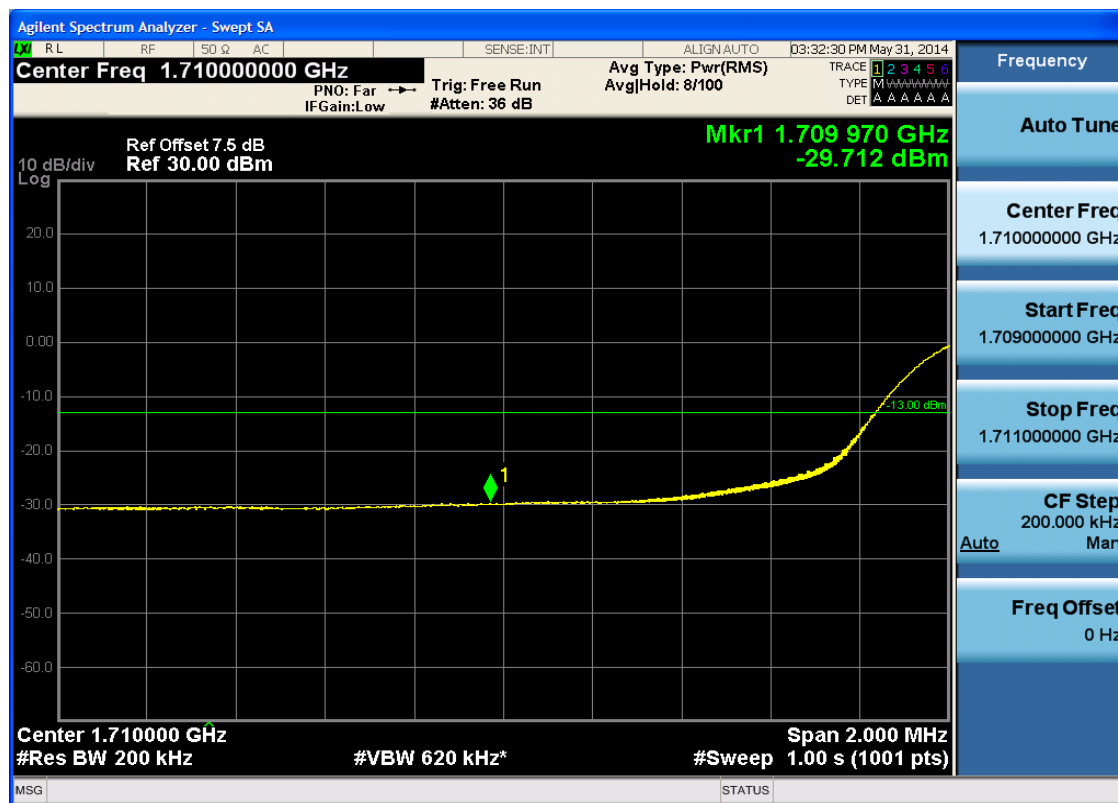


5.3.2.2.6.1.3 Test RB = RB50#25





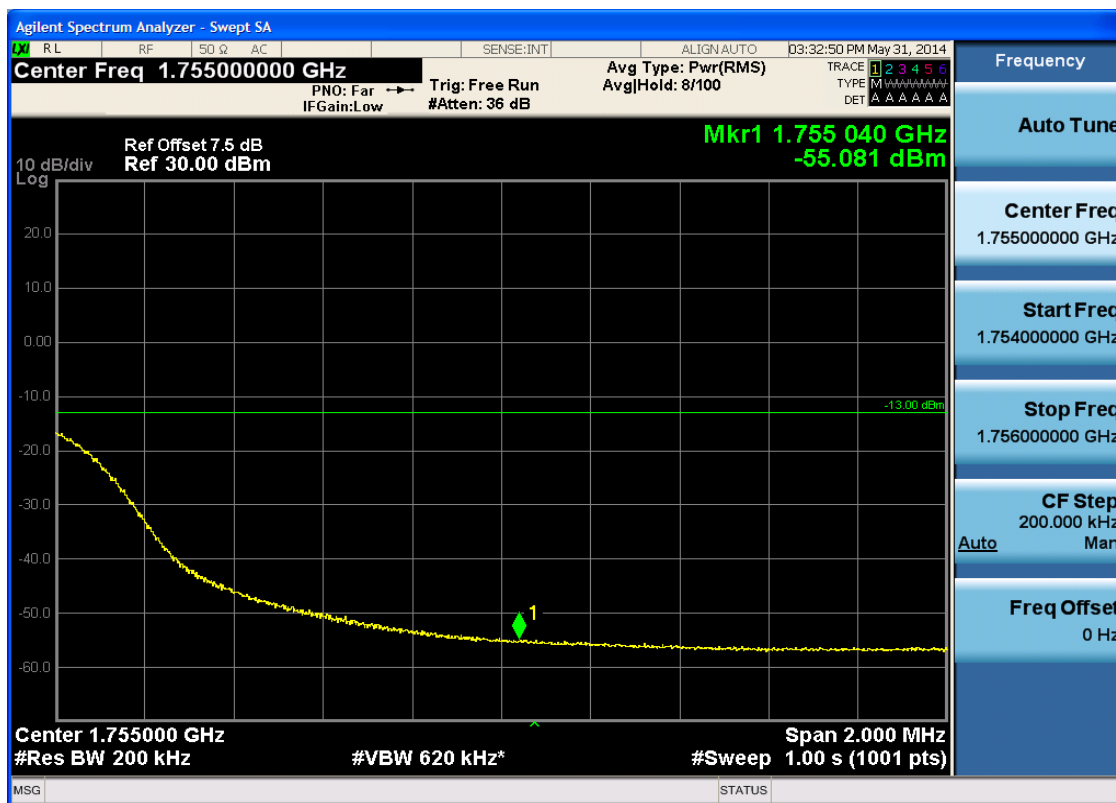
5.3.2.2.6.1.4 Test RB = RB100#0





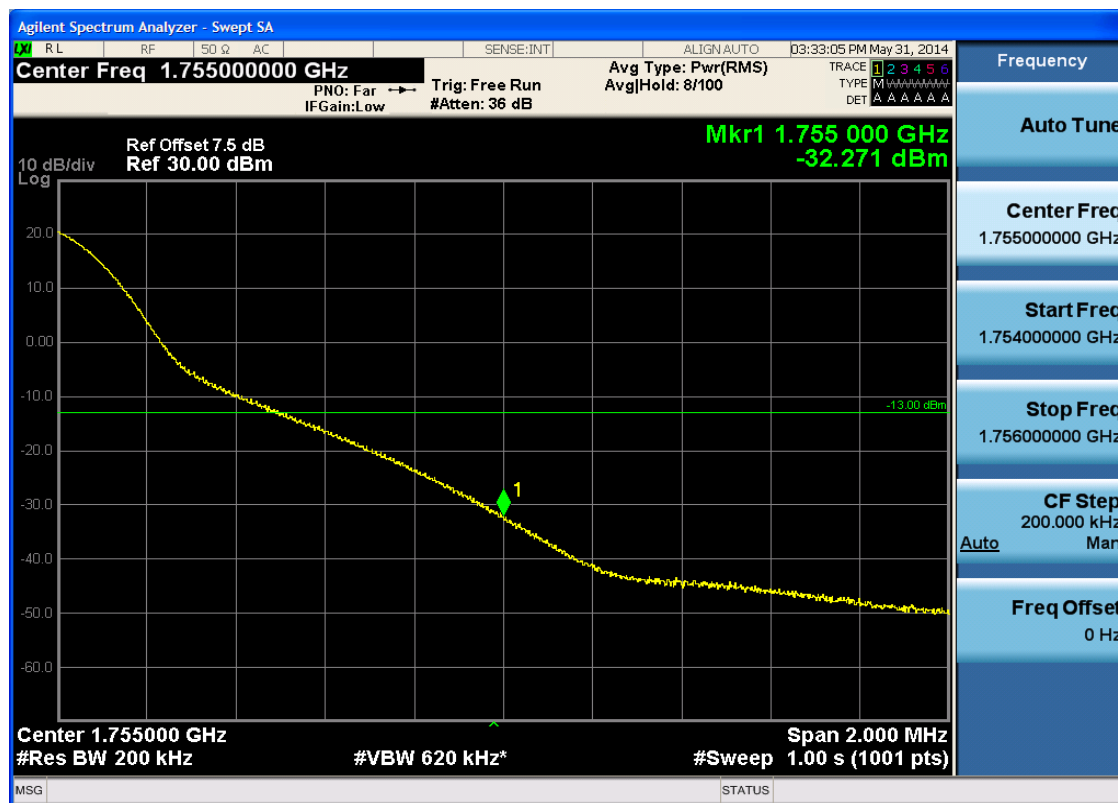
5.3.2.2.6.2 Test Channel = HCH

5.3.2.2.6.2.1 Test RB = RB1#0



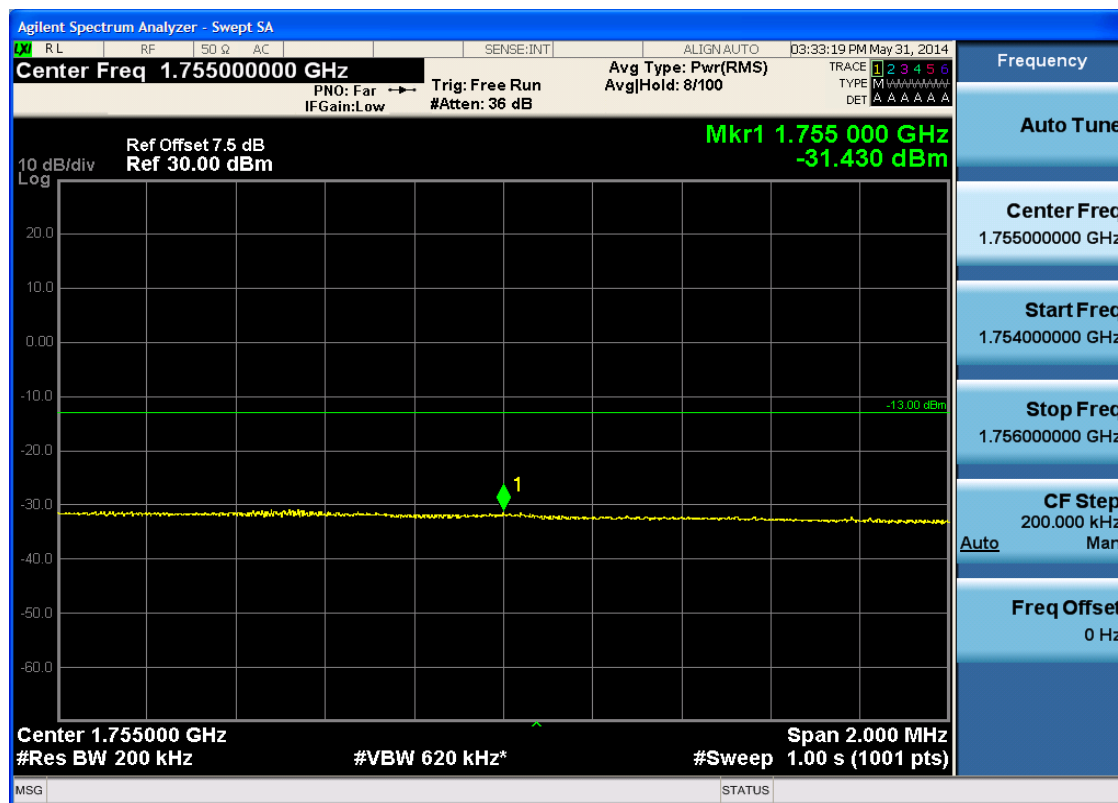


5.3.2.2.6.2.2 Test RB = RB1#99



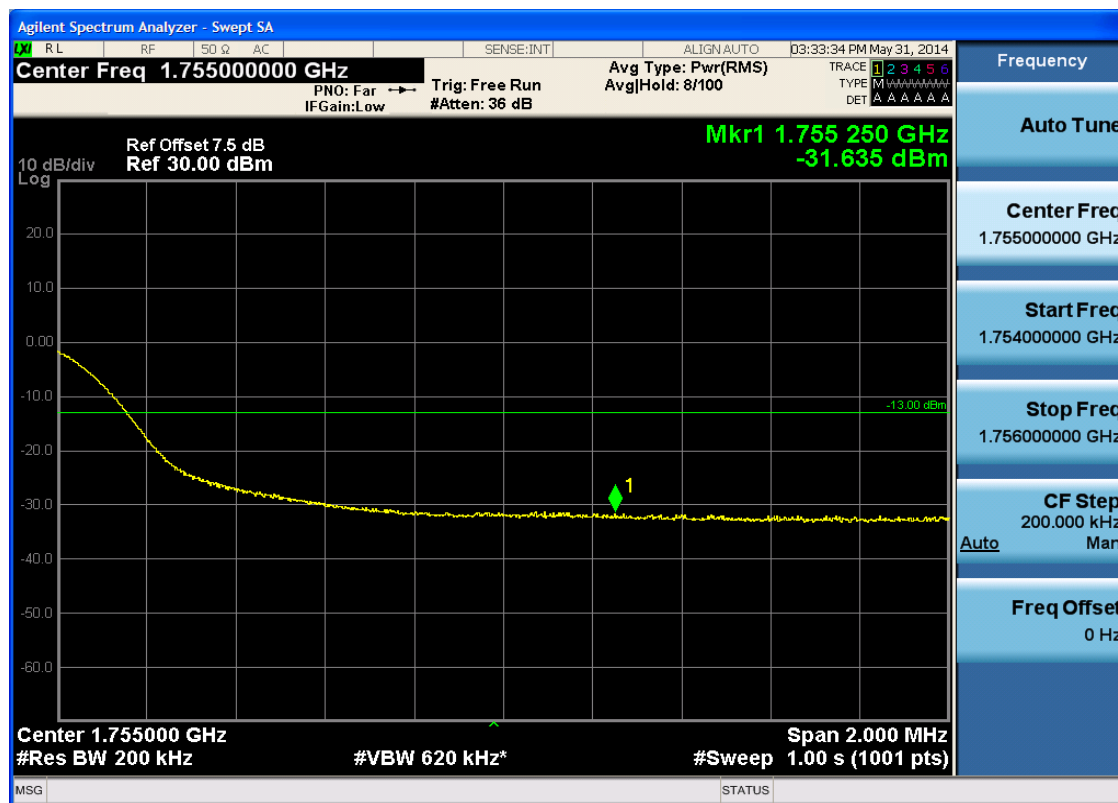


5.3.2.2.6.2.3 Test RB = RB50#25





5.3.2.2.6.2.4 Test RB = RB100#0



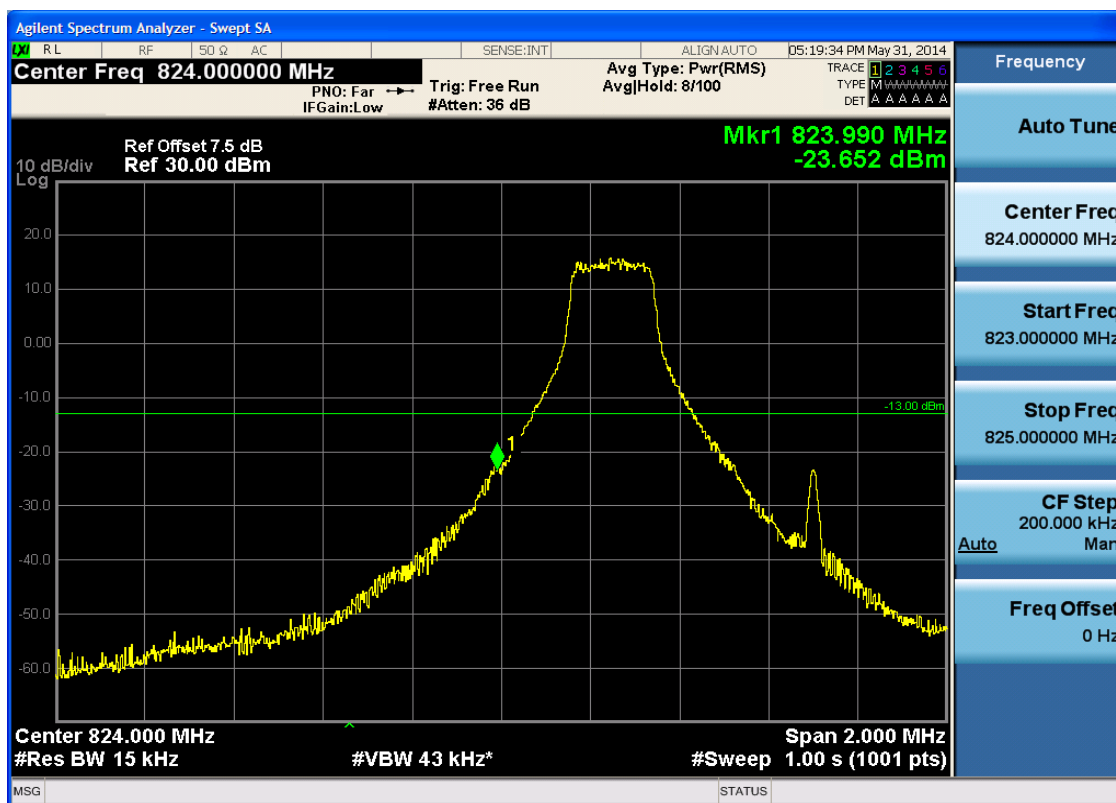
5.3.3 Test Band = BAND5

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



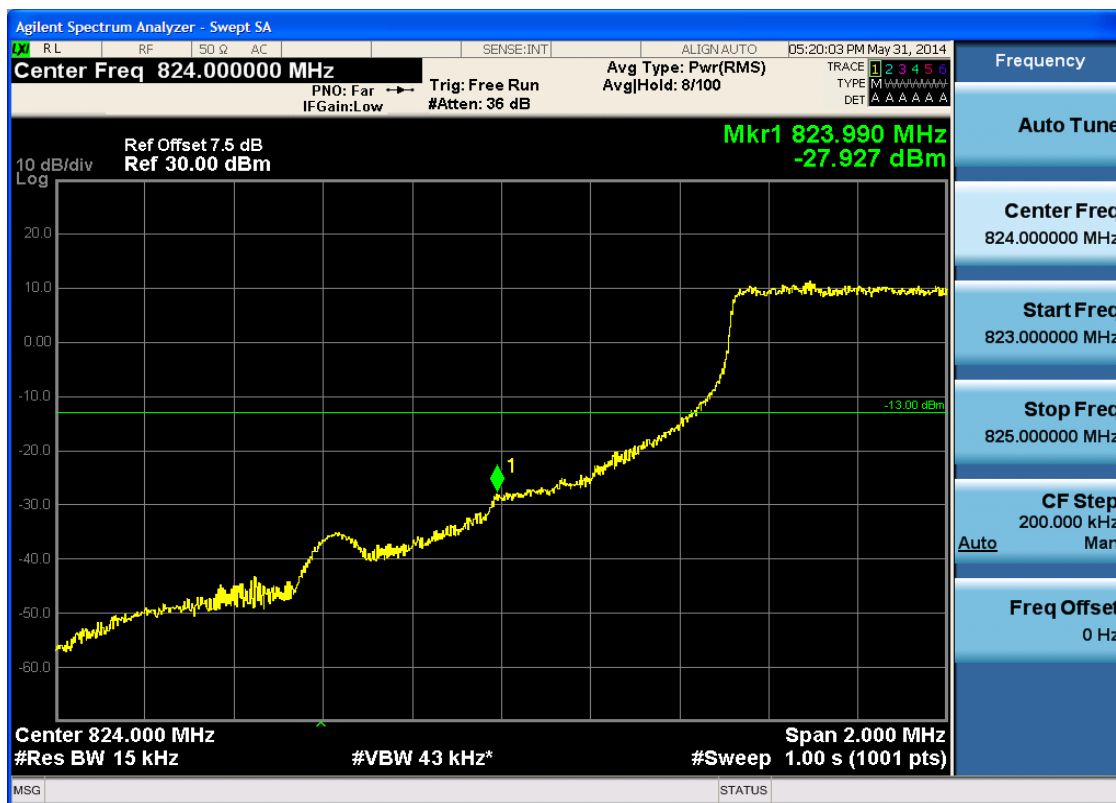


5.3.3.1.1.2 Test RB = RB1#5



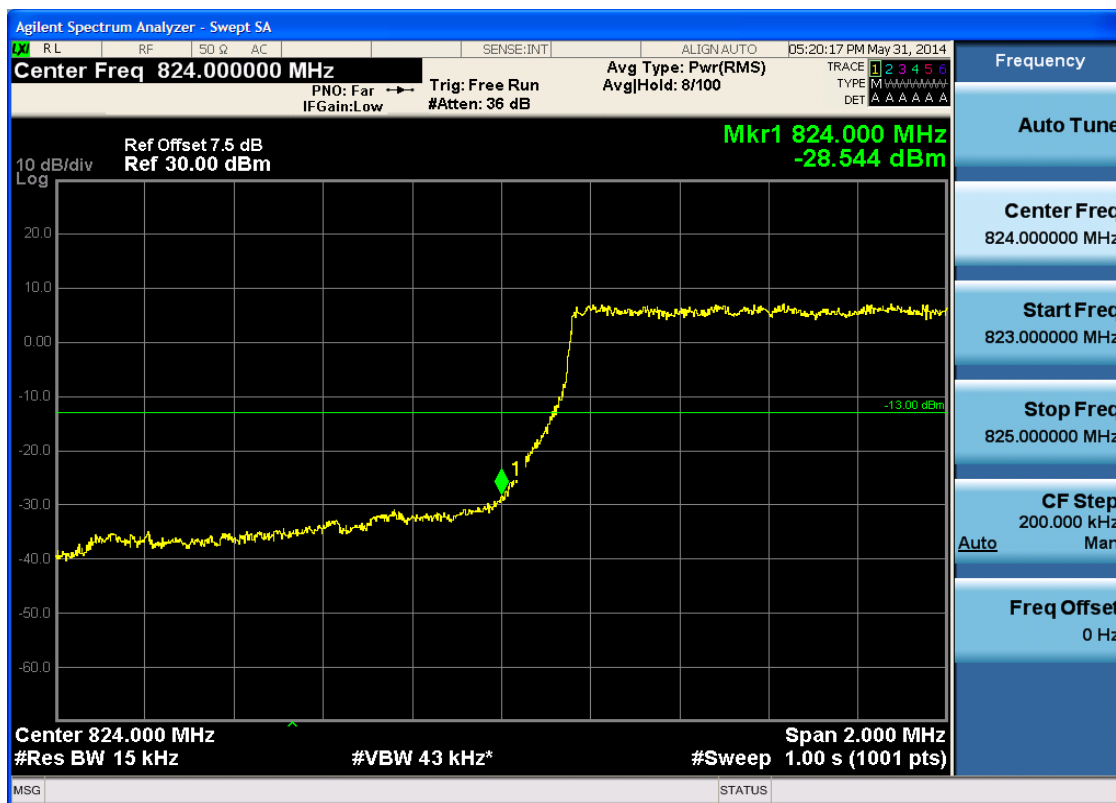


5.3.3.1.1.3 Test RB = RB3#2





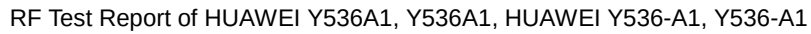
5.3.3.1.1.4 Test RB = RB6#0



5.3.3.1.1.2 Test Channel = HCH

5.3.3.1.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:31:16 PM May 31, 2014

PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
 IFGain:Low #Atten: 36 dB Avg/Hold: 8/100 TYPE M W W W W W W W W W
 DET A A A A A A

Ref Offset 7.5 dB Mkr1 849.000 MHz
 Ref 30.00 dBm -21.00 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

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



5.3.3.1.1.2.3 Test RB = RB3#2





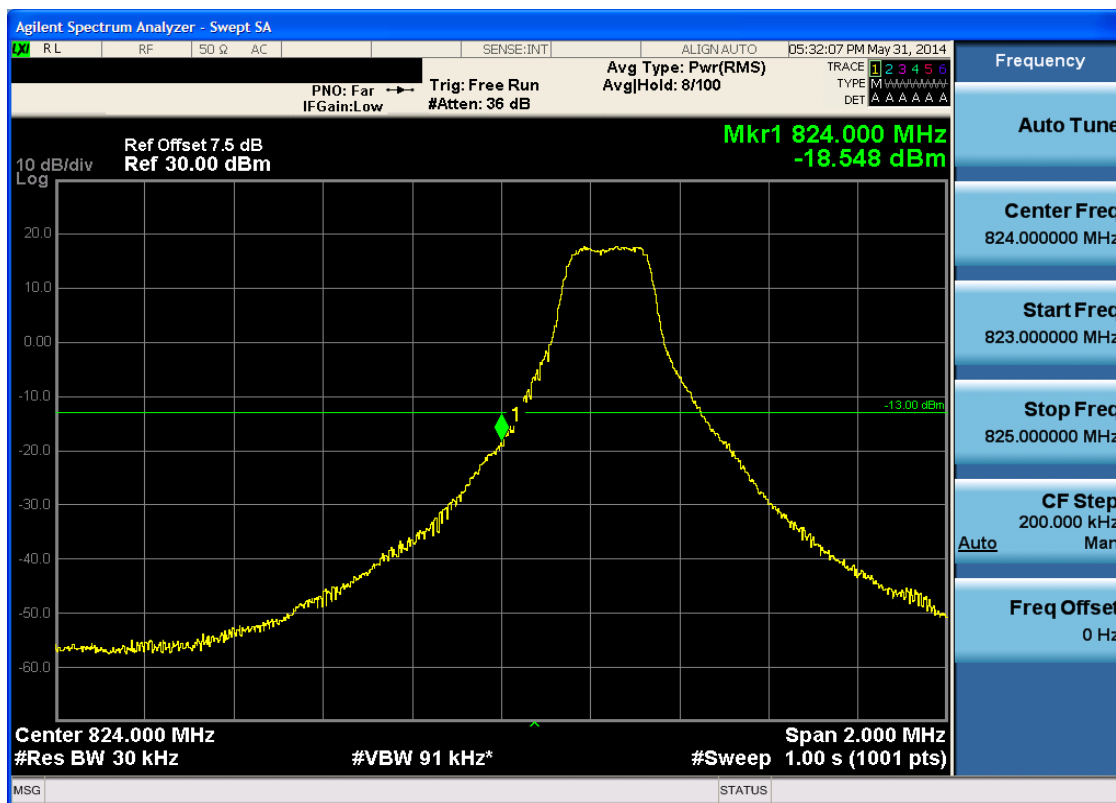
5.3.3.1.1.2.4 Test RB = RB6#0

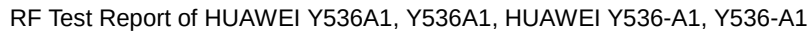


5.3.3.1.2 Test Bandwidth = 3

5.3.3.1.2.1 Test Channel = LCH

5.3.3.1.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

R L	RF	50 Ω	AC			SENSE:INT		ALIGN:AUTO	05:32:22 PM May 31, 2014
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PNO: Far → Trig: Free Run
IFGain:Low #Atten: 36 dB

Avg Type: Pwr(RMS) Avg|Hold: 8/100

TRACE 1 2 3 4 5 6
TYPE M W U I D S A V
DET A A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 823.010 MHz
-44.528 dBm

The main plot area shows a frequency spectrum from 820 MHz to 826 MHz. The y-axis represents power density in dB/div Log, ranging from -60.0 to 20.0. A yellow trace shows a signal centered around 823 MHz, peaking at approximately -44.5 dBm. A green horizontal reference line is set at -13.00 dBm.

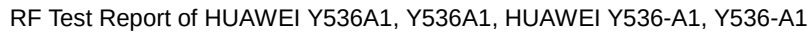
Center 824.000 MHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

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



Agilent Spectrum Analyzer - Swept SA

R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:32:36 PM May 31, 2014

PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRAC 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB Avg|Hold: 8/100 TYPE M W A V A A A A A A
DET A A A A A A A

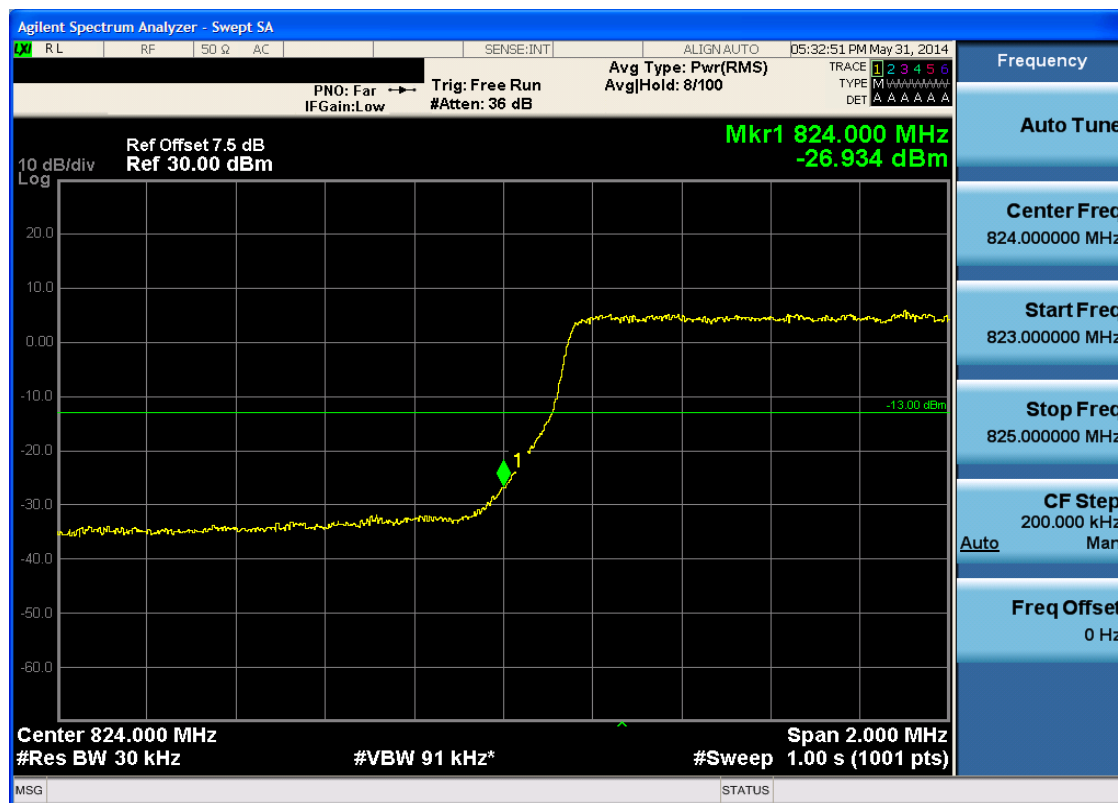
Ref Offset 7.5 dB Mkr1 824.000 MHz
Ref 30.00 dBm -32.813 dBm

Center 824.000 MHz Span 2.000 MHz
#Res BW 30 kHz #VBW 91 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS



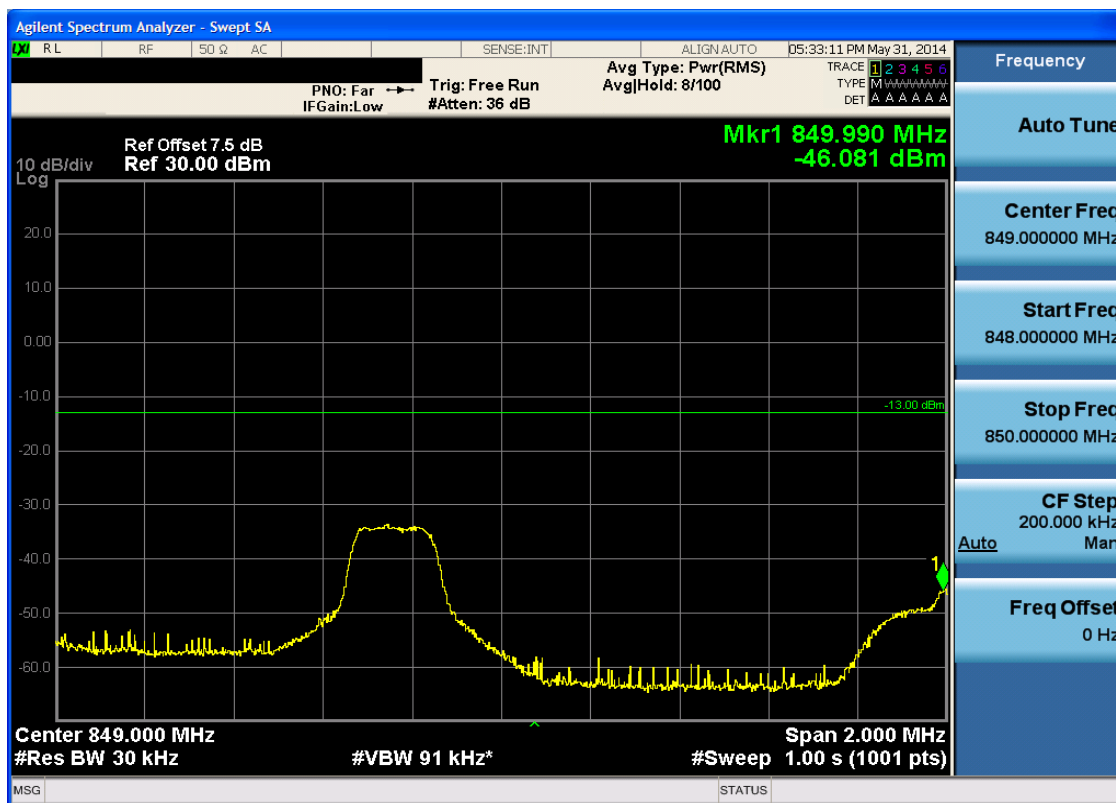
5.3.3.1.2.1.4 Test RB = RB15#0

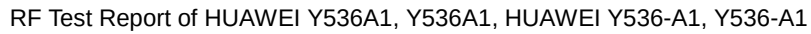




5.3.3.1.2.2 Test Channel = HCH

5.3.3.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

[X] R L	R F	50 Ω	A C		SENSE:INT	ALIGN:AUTO	05:33:25 PM May 31, 2014
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PNO: Far → Trig: Free Run
IFGain: Low #Atten: 36 dB

Avg Type: Pwr(RMS) Avg/Hold: 8/100

TRACE 1 2 3 4 5 6
TYPE MAAAAA
DET A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 849.010 MHz
-17.475 dBm

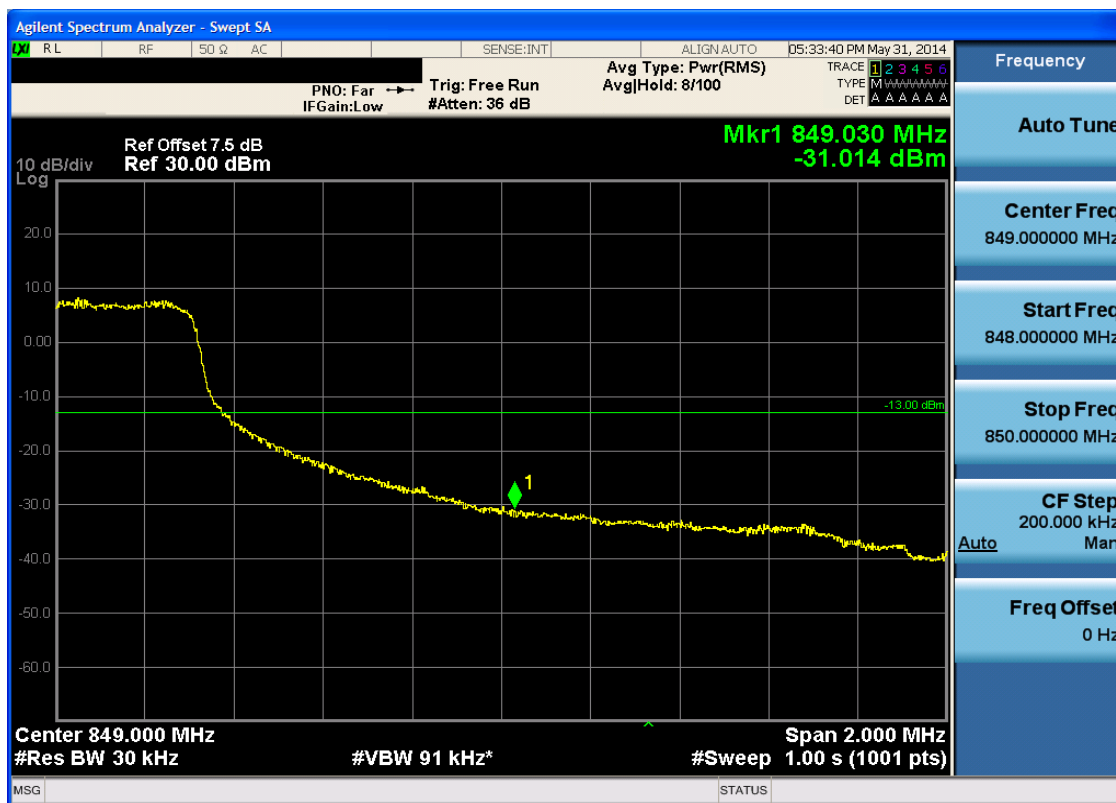
Center 849.000 MHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

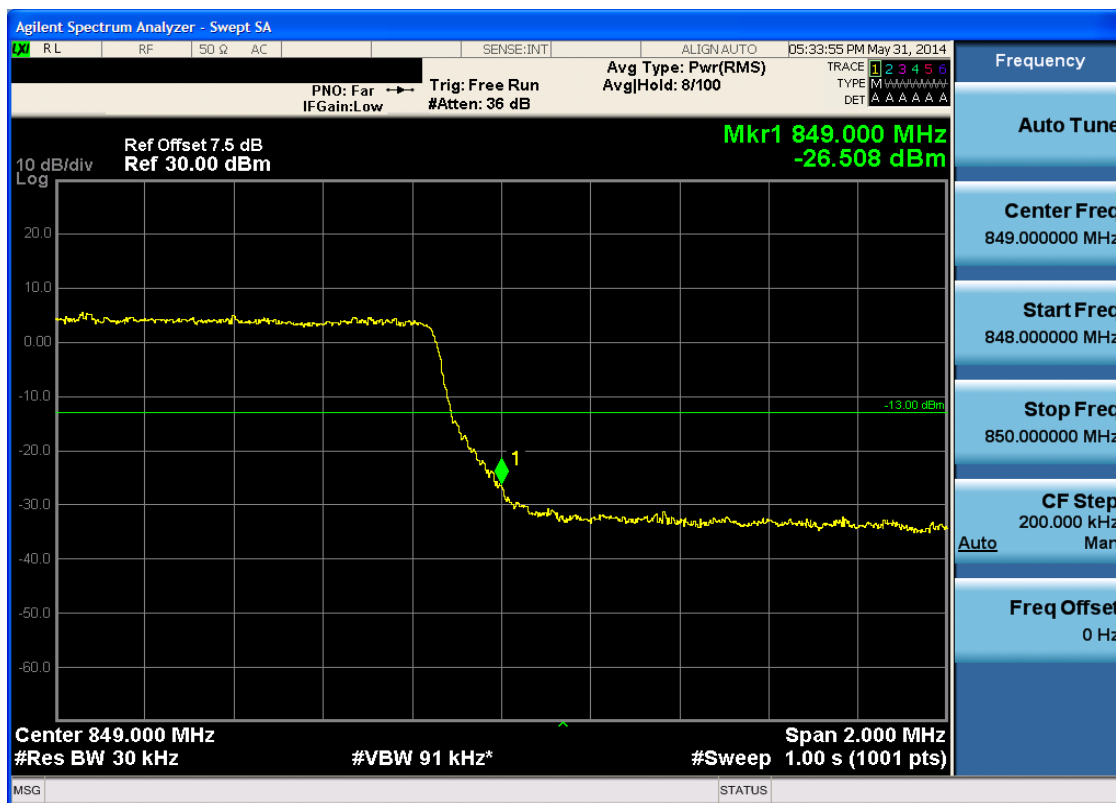
MSG STATUS



5.3.3.1.2.2.3 Test RB = RB8#4



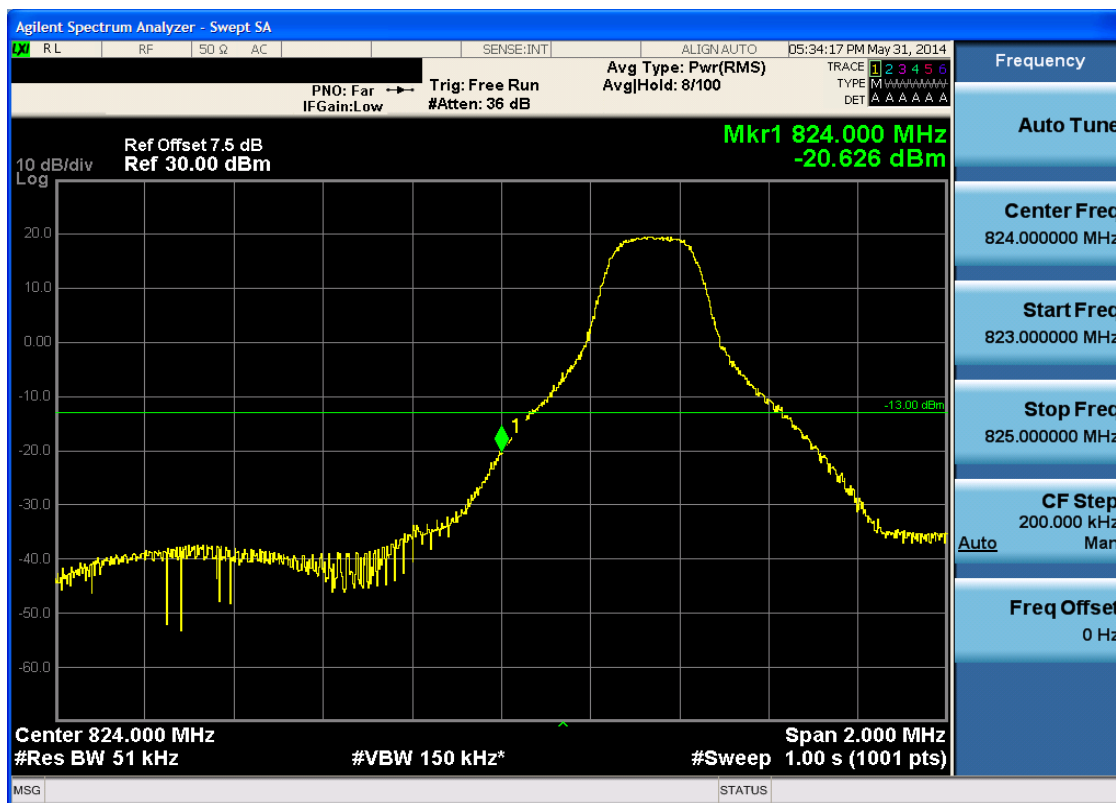
5.3.3.1.2.2.4 Test RB = RB15#0



5.3.3.1.3 Test Bandwidth = 5

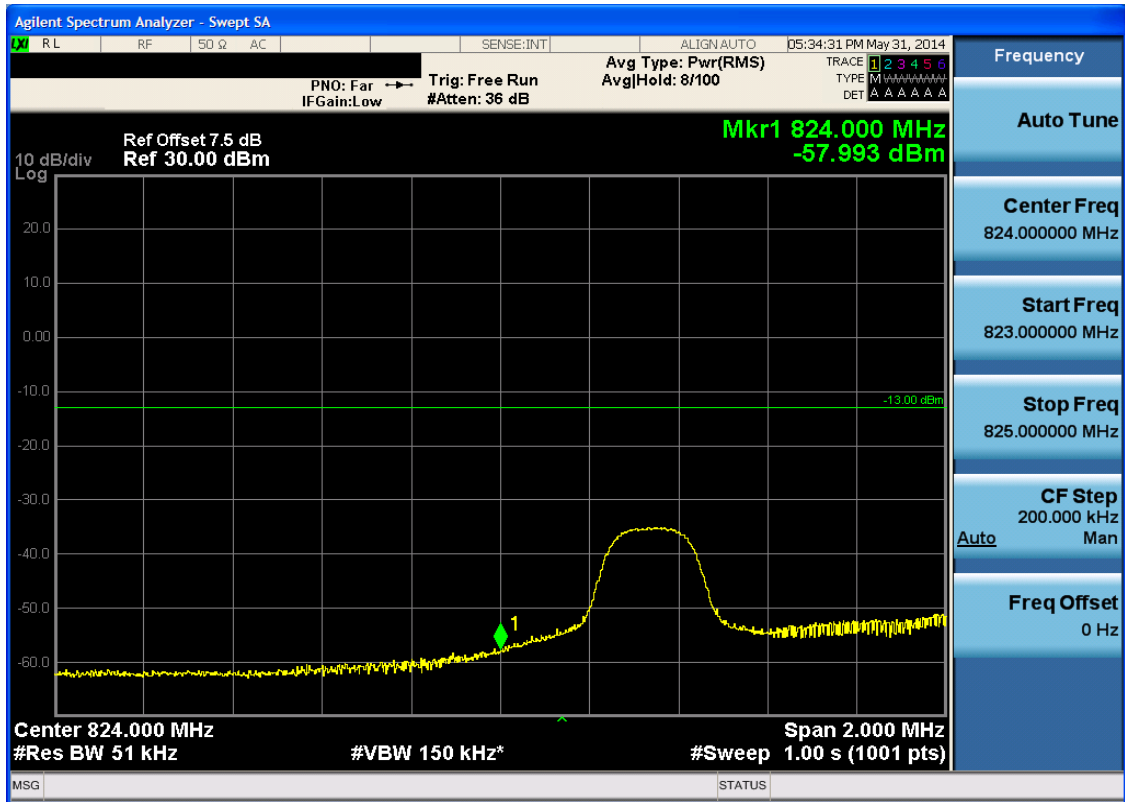
5.3.3.1.3.1 Test Channel = LCH

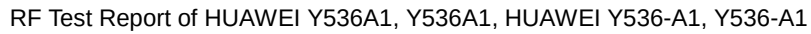
5.3.3.1.3.1.1 Test RB = RB1#0





5.3.3.1.3.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:34:46 PM May 31, 2014

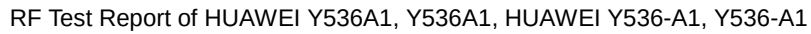
PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB AvgHold: 8/100 TYPE M W W W W W W W W W
DET A A A A A A

Ref Offset 7.5 dB Mkr1 823.910 MHz
Ref 30.00 dBm -34.157 dBm

10 dB/div Log

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

MSG Alignment Completed STATUS



Agilent Spectrum Analyzer - Swept SA

R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:35:01 PM May 31, 2014

PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRAC 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB Avg|Hold: 8/100 TYPE M WWWWWWWW
DET A A A A A A

Ref Offset 7.5 dB Mkr1 824.000 MHz
Ref 30.00 dBm -27.368 dBm

10 dB/div Log

The plot shows a frequency spectrum from approximately 820 MHz to 828 MHz. The y-axis represents power density in dBm/Hz, ranging from -60.0 to 20.0. A horizontal green reference line is set at -13.00 dBm. The signal trace starts at approximately -35 dBm/Hz at 820 MHz, remains relatively flat until about 823 MHz, then rises sharply to a plateau of approximately 0 dBm/Hz by 824 MHz. A yellow marker labeled '1' is placed on the rising edge of the signal at approximately 823.5 MHz.

Center 824.000 MHz Span 2.000 MHz
#Res BW 51 kHz #VBW 150 kHz* #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

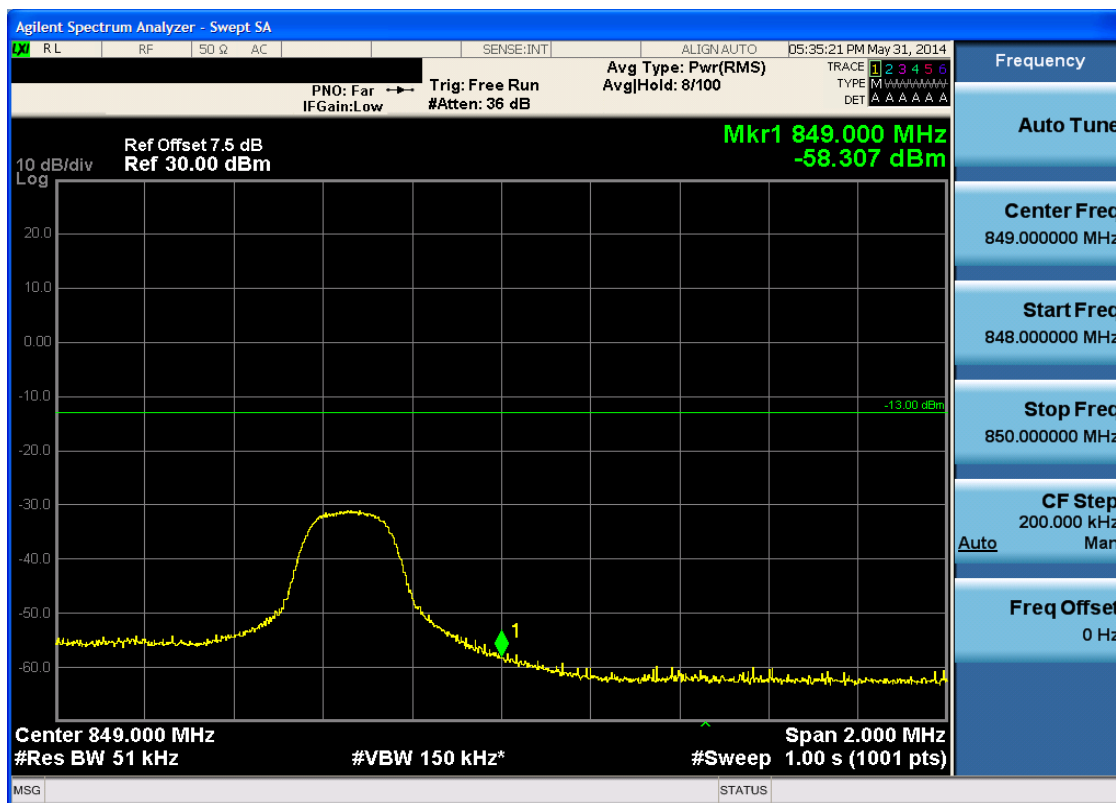
CF Step
200.000 kHz
Man

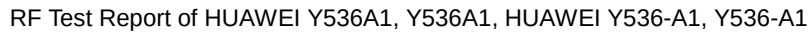
Freq Offset
0 Hz



5.3.3.1.3.2 Test Channel = HCH

5.3.3.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:35:35 PM May 31, 2014

PNO: Far Trig: Free Run Avg Type: Pwr(RMS) TYPE M DET A
 IFGain:Low #Atten: 36 dB AvgHold: 8/100

Ref Offset 7.5 dB Mkr1 849.000 MHz
 Ref 30.00 dBm -20.335 dBm

10 dB/div Log

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

MSG STATUS

Frequency

Auto Tune

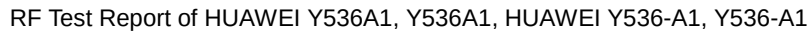
Center Freq
 849.000000 MHz

Start Freq
 848.000000 MHz

Stop Freq
 850.000000 MHz

CF Step
 200.000 kHz
 Auto Man

Freq Offset
 0 Hz



Agilent Spectrum Analyzer - Swept SA

R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 05:35:50 PM May 31, 2014

PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB AvgHold: 8/100 TYPE M W A V I N T E R DET A A A A A A

Ref Offset 7.5 dB Mkr1 849.000 MHz
Ref 30.00 dBm -34.388 dBm

10 dB/div Log

-13.00 dBm

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



5.3.3.1.3.2.4 Test RB = RB25#0

