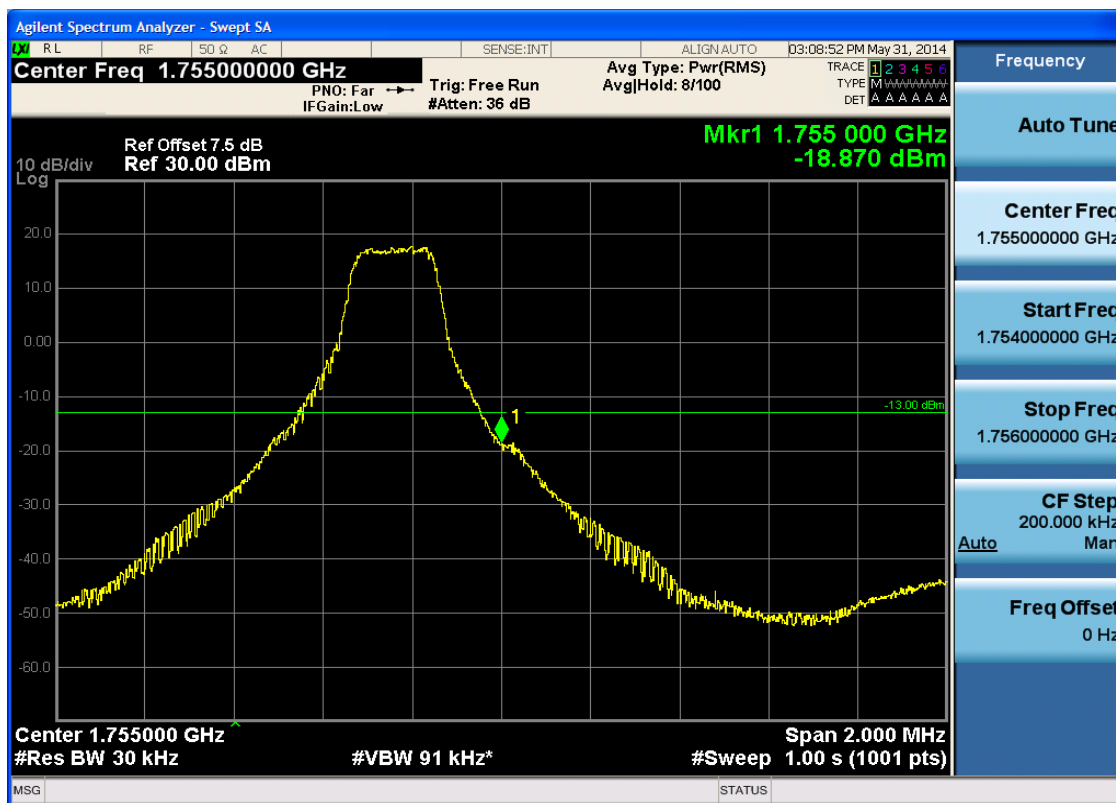


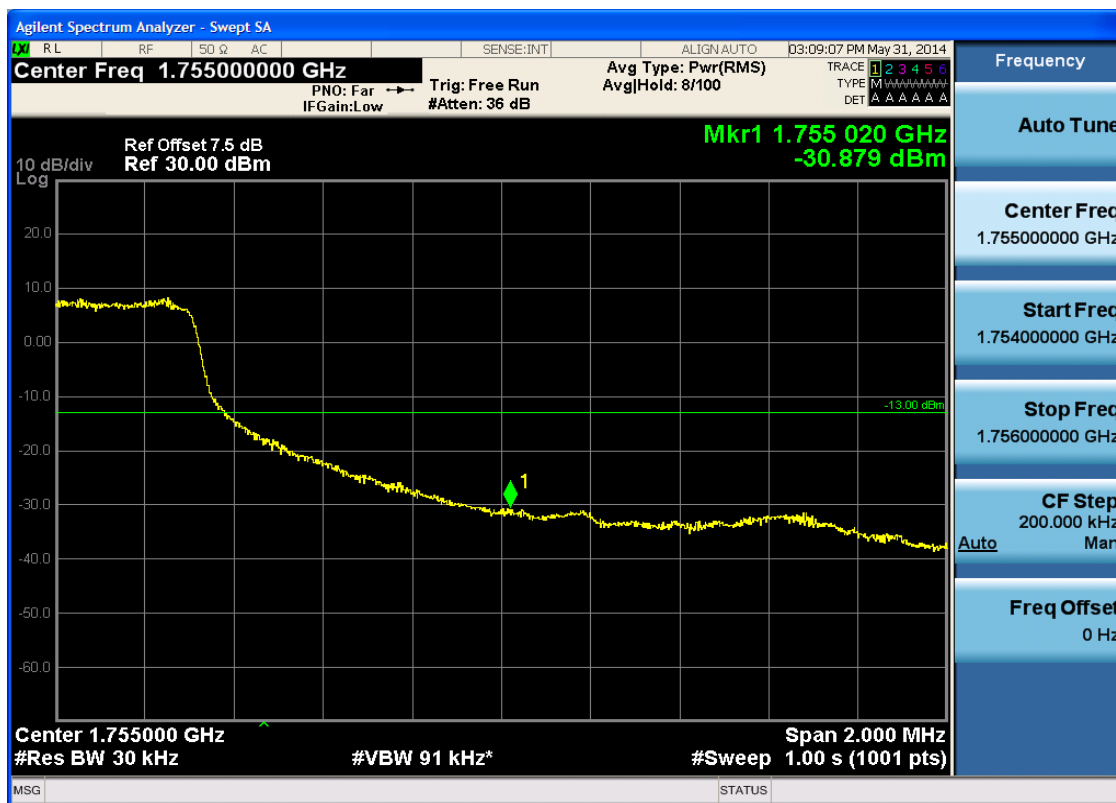


5.3.2.1.2.2.2 Test RB = RB1#14



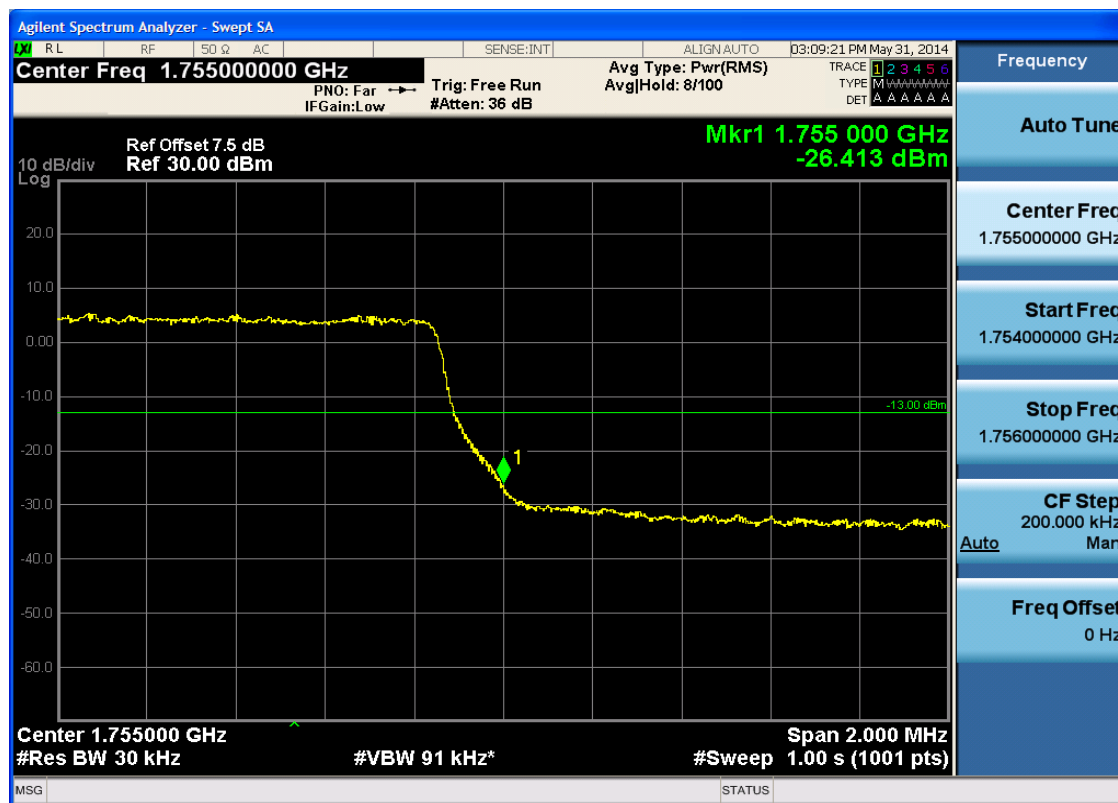


5.3.2.1.2.3 Test RB = RB8#4





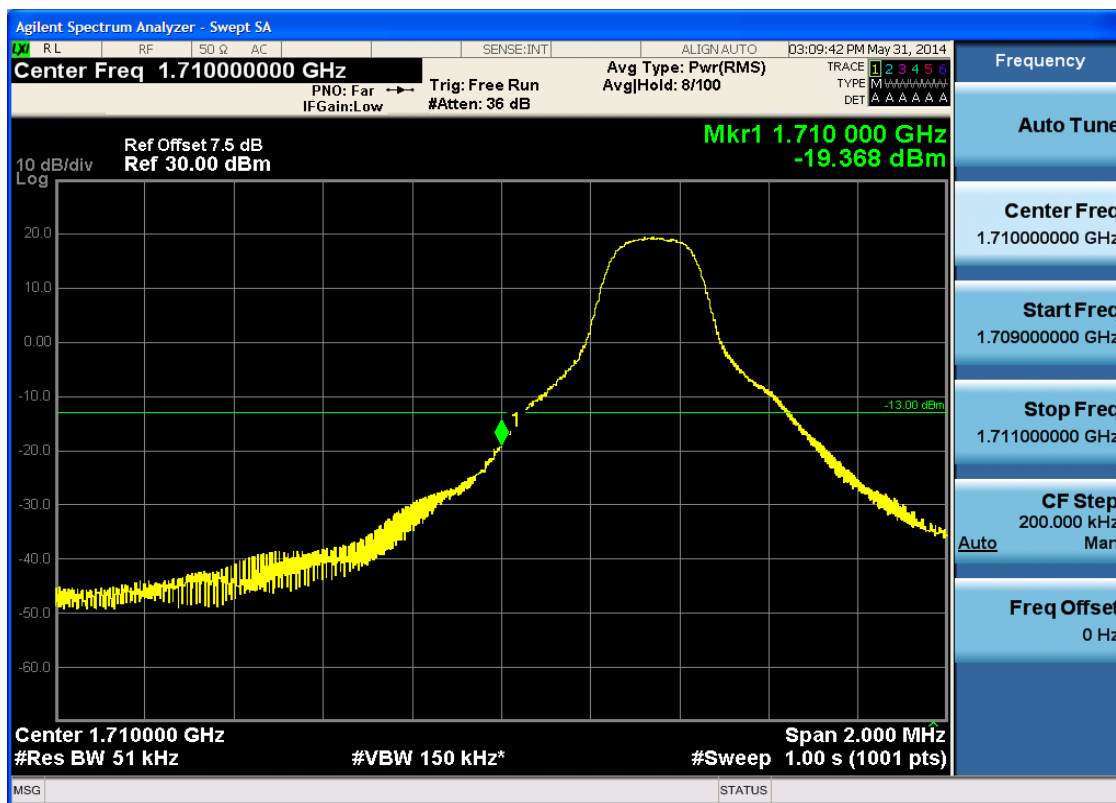
5.3.2.1.2.2.4 Test RB = RB15#0



5.3.2.1.3 Test Bandwidth = 5

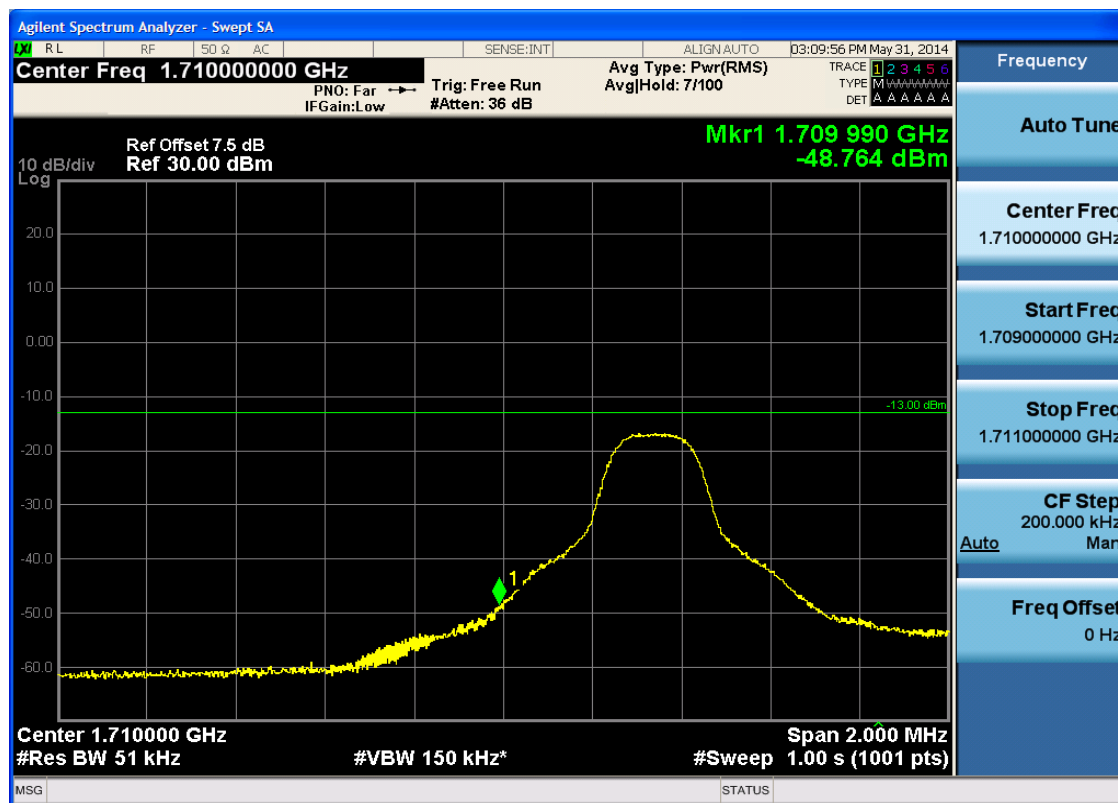
5.3.2.1.3.1 Test Channel = LCH

5.3.2.1.3.1.1 Test RB = RB1#0



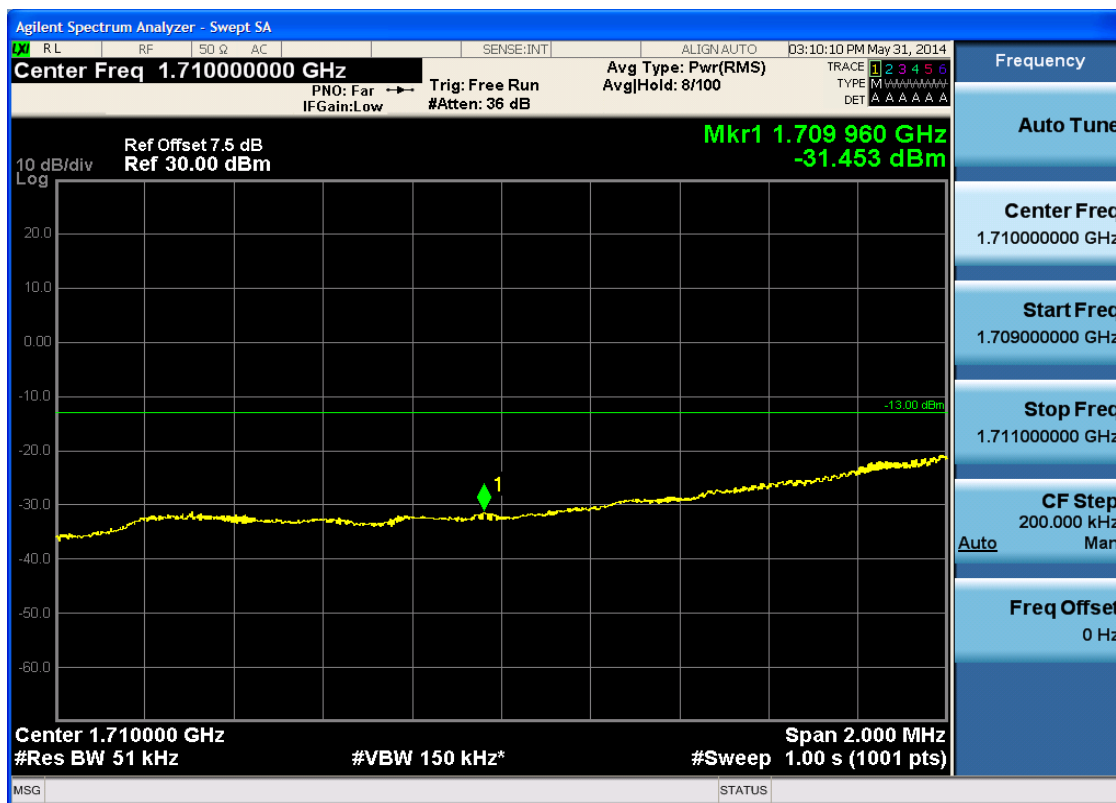


5.3.2.1.3.1.2 Test RB = RB1#24



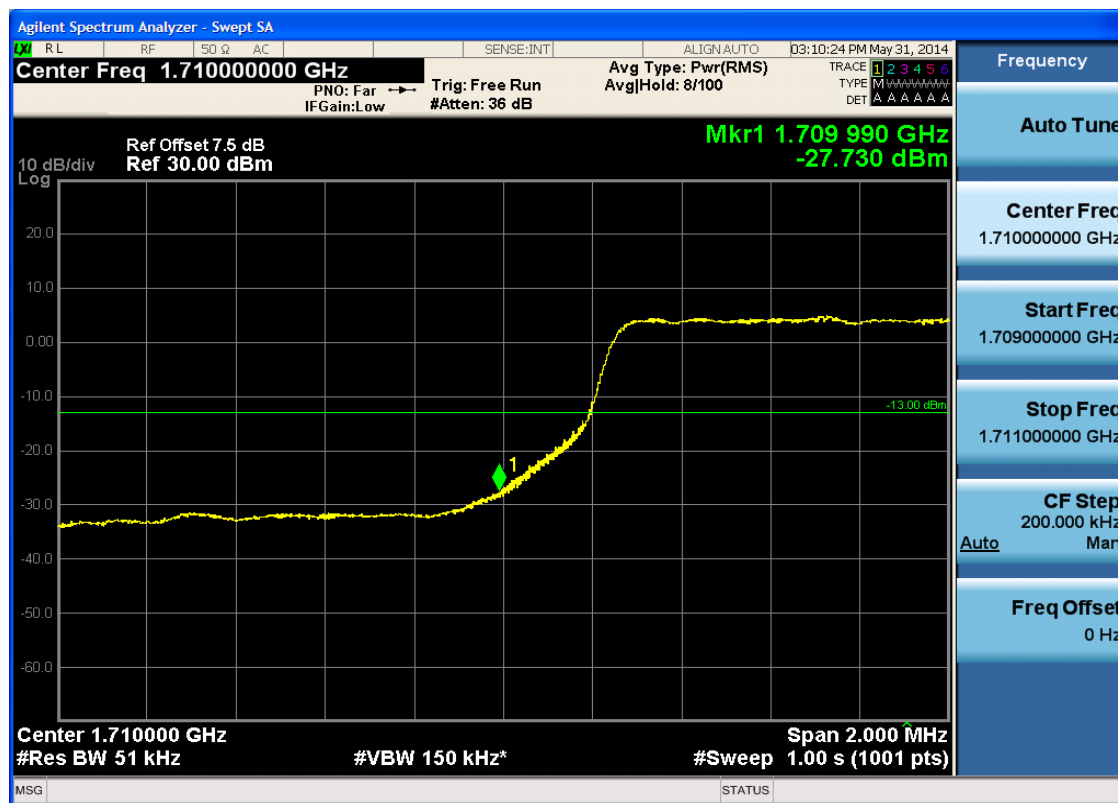


5.3.2.1.3.1.3 Test RB = RB12#6





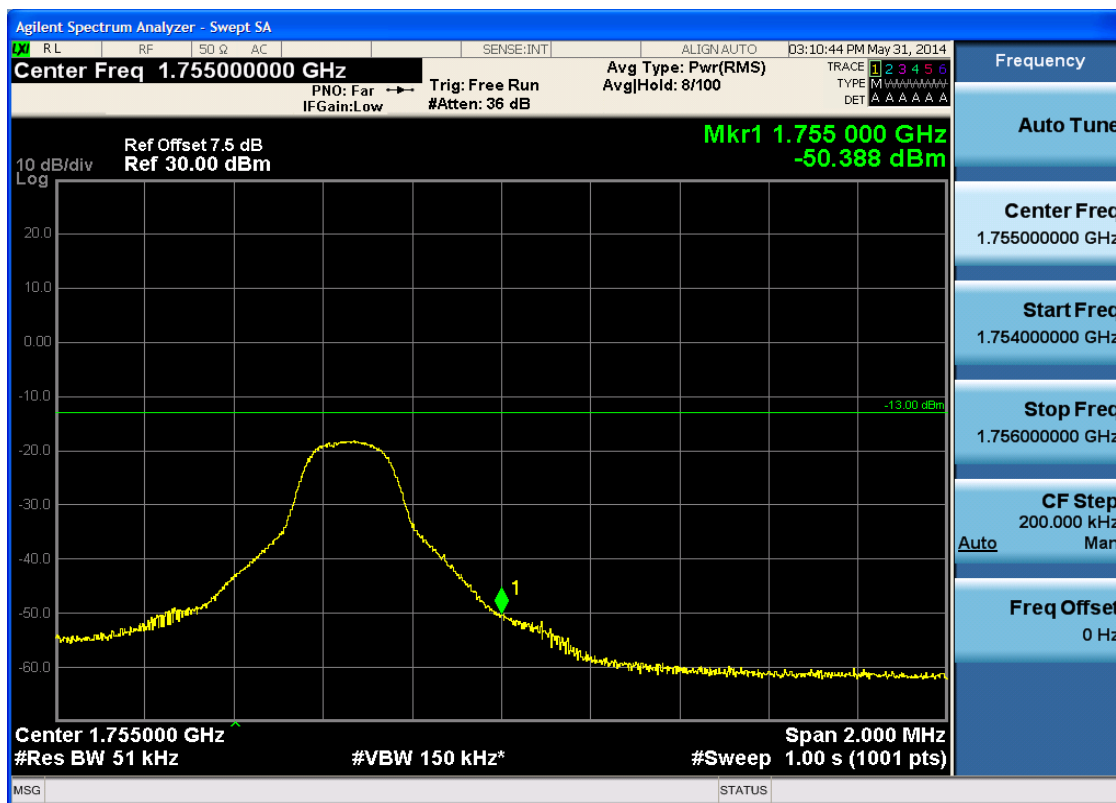
5.3.2.1.3.1.4 Test RB = RB25#0





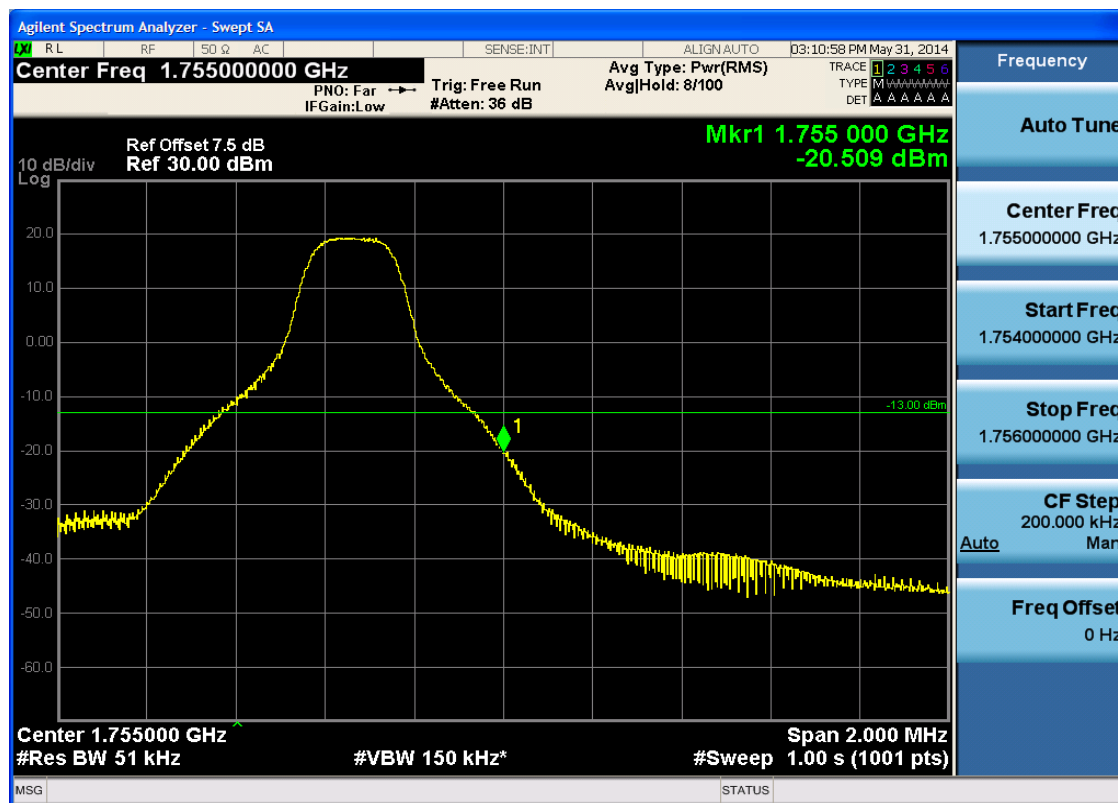
5.3.2.1.3.2 Test Channel = HCH

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





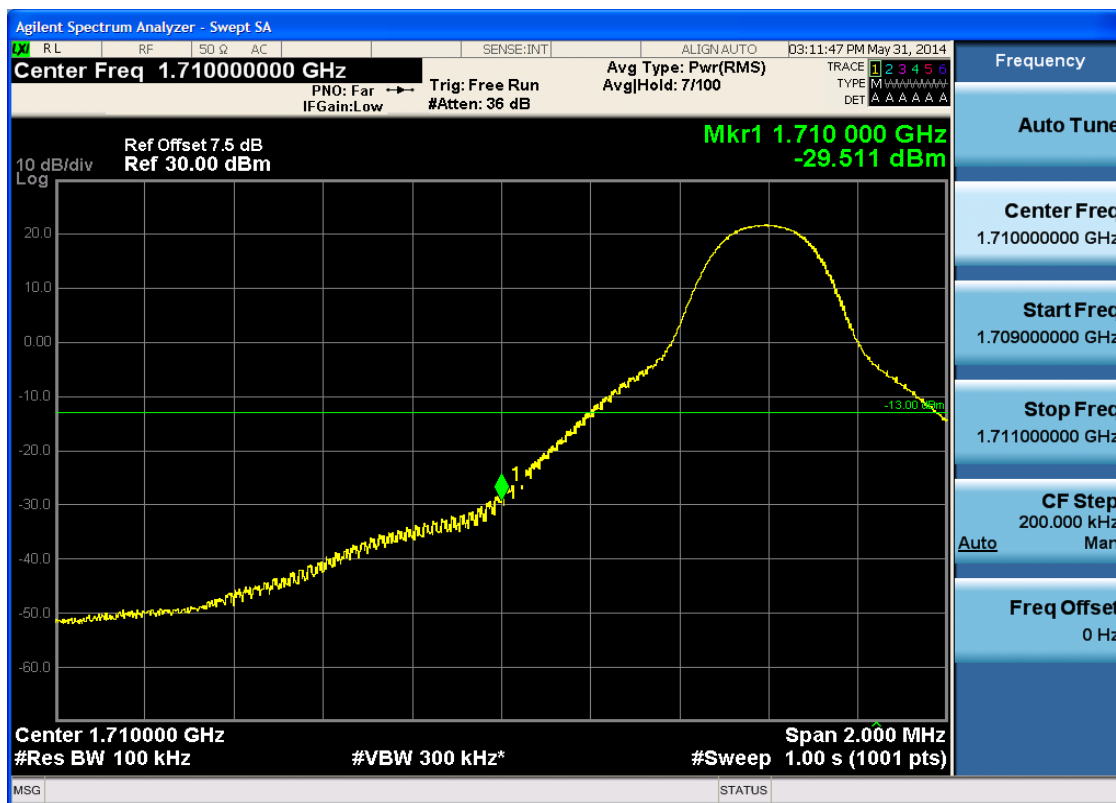
5.3.2.1.3.2.4 Test RB = RB25#0



5.3.2.1.4 Test Bandwidth = 10

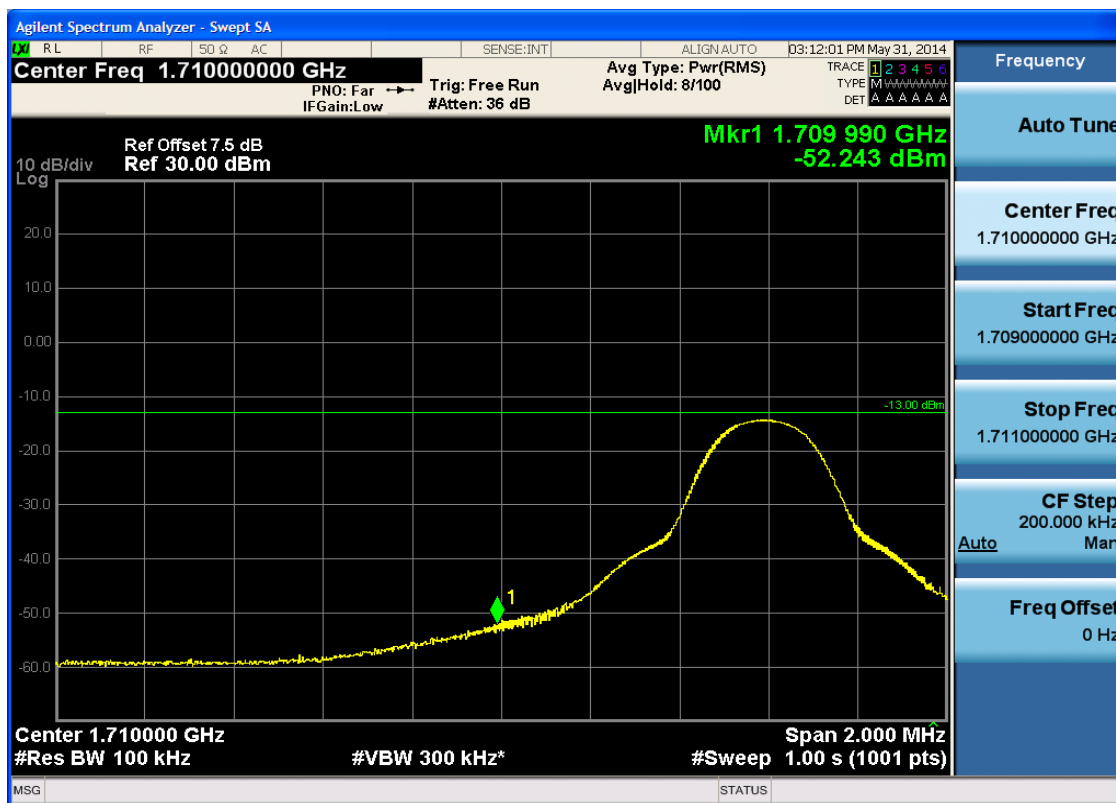
5.3.2.1.4.1 Test Channel = LCH

5.3.2.1.4.1.1 Test RB = RB1#0



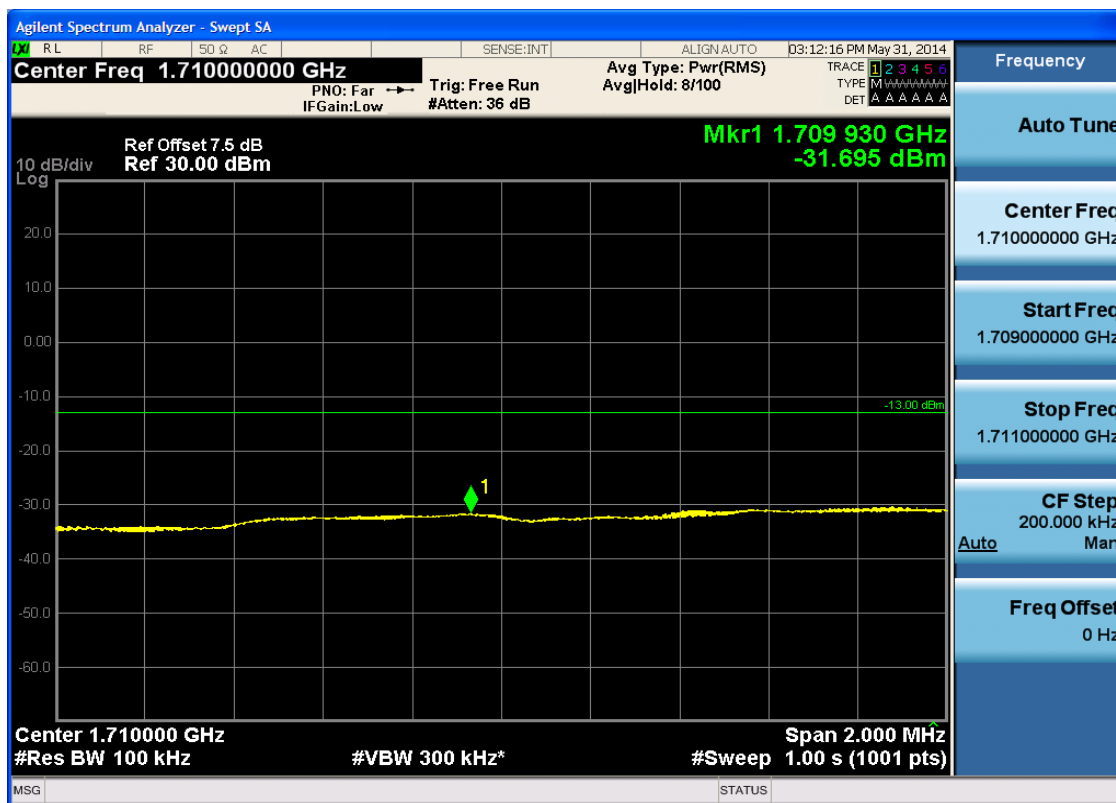


5.3.2.1.4.1.2 Test RB = RB1#49



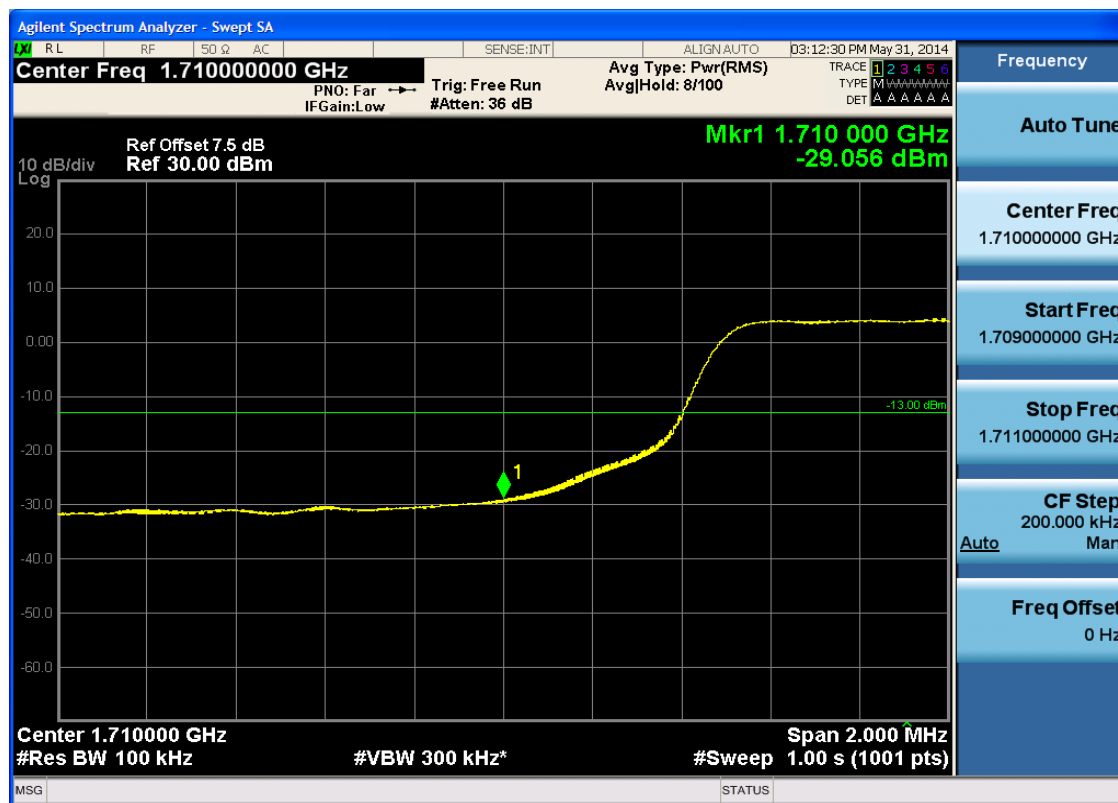


5.3.2.1.4.1.3 Test RB = RB25#13





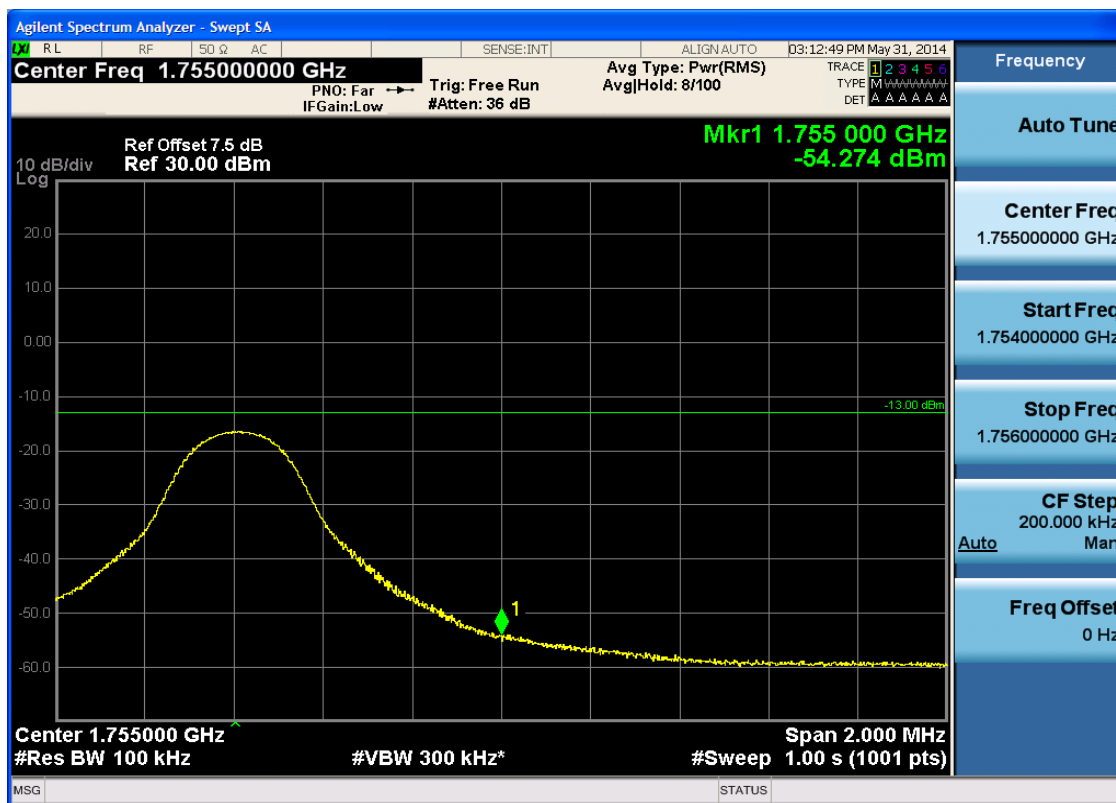
5.3.2.1.4.1.4 Test RB = RB50#0





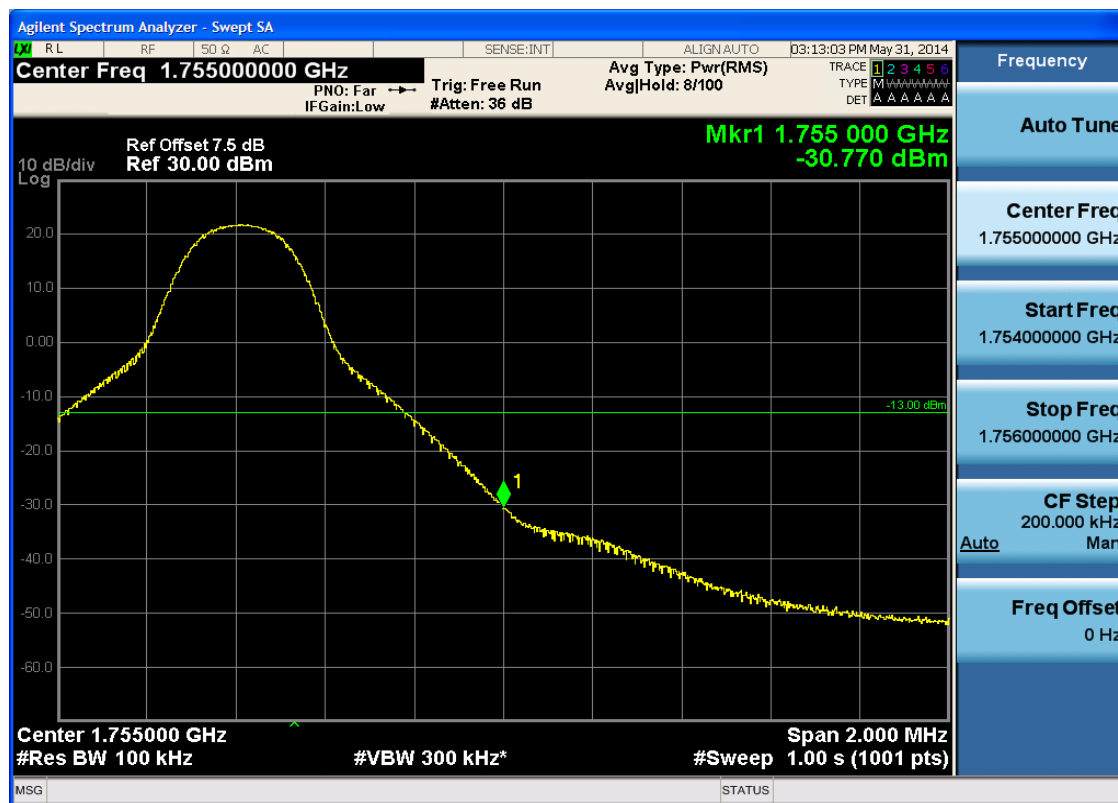
5.3.2.1.4.2 Test Channel = HCH

5.3.2.1.4.2.1 Test RB = RB1#0



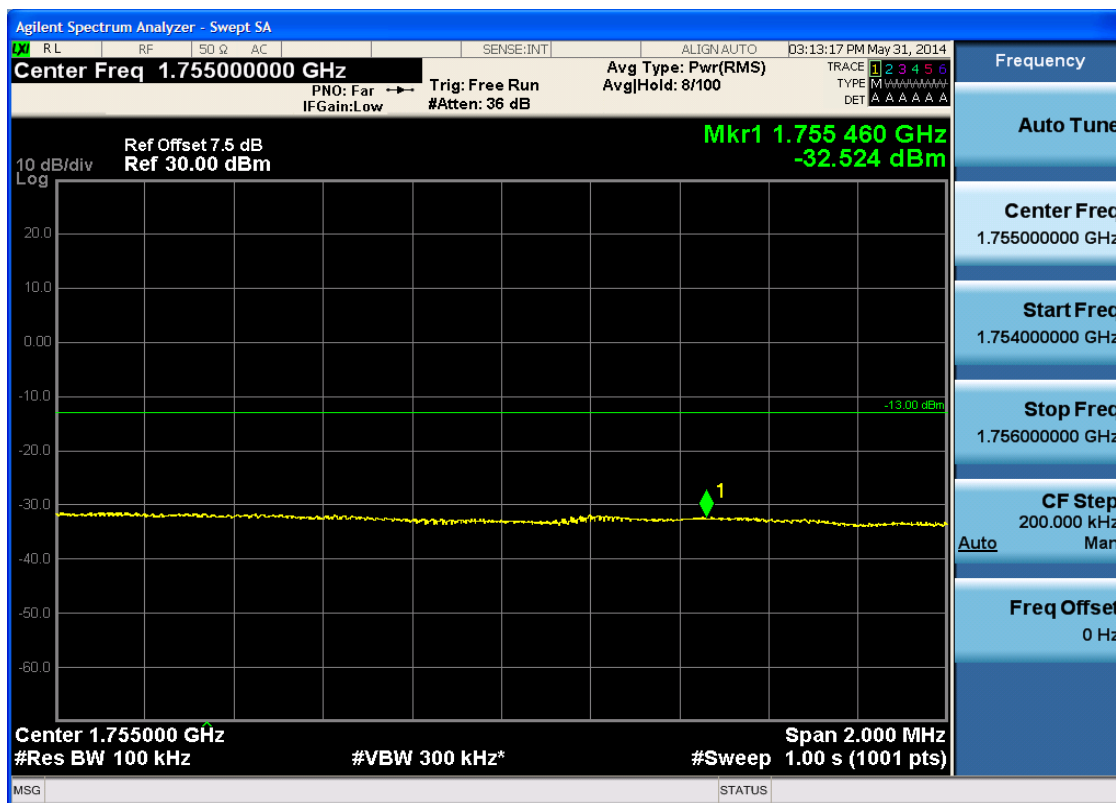


5.3.2.1.4.2.2 Test RB = RB1#49



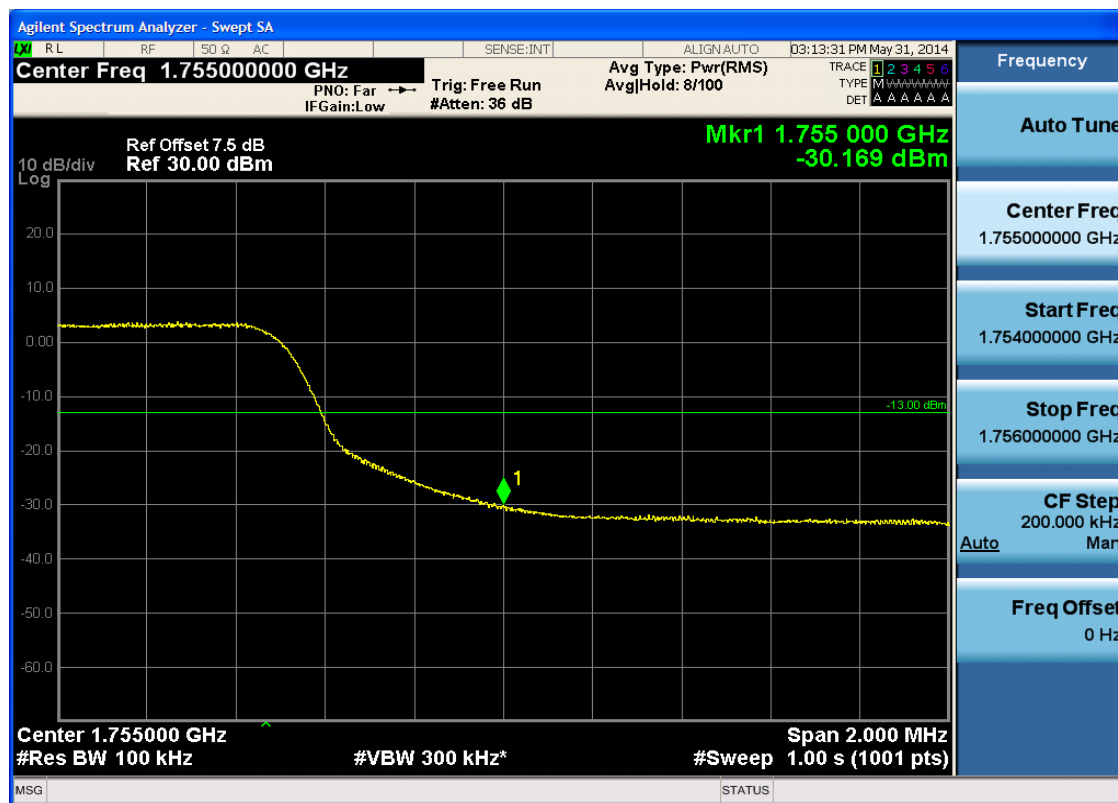


5.3.2.1.4.2.3 Test RB = RB25#13





5.3.2.1.4.2.4 Test RB = RB50#0

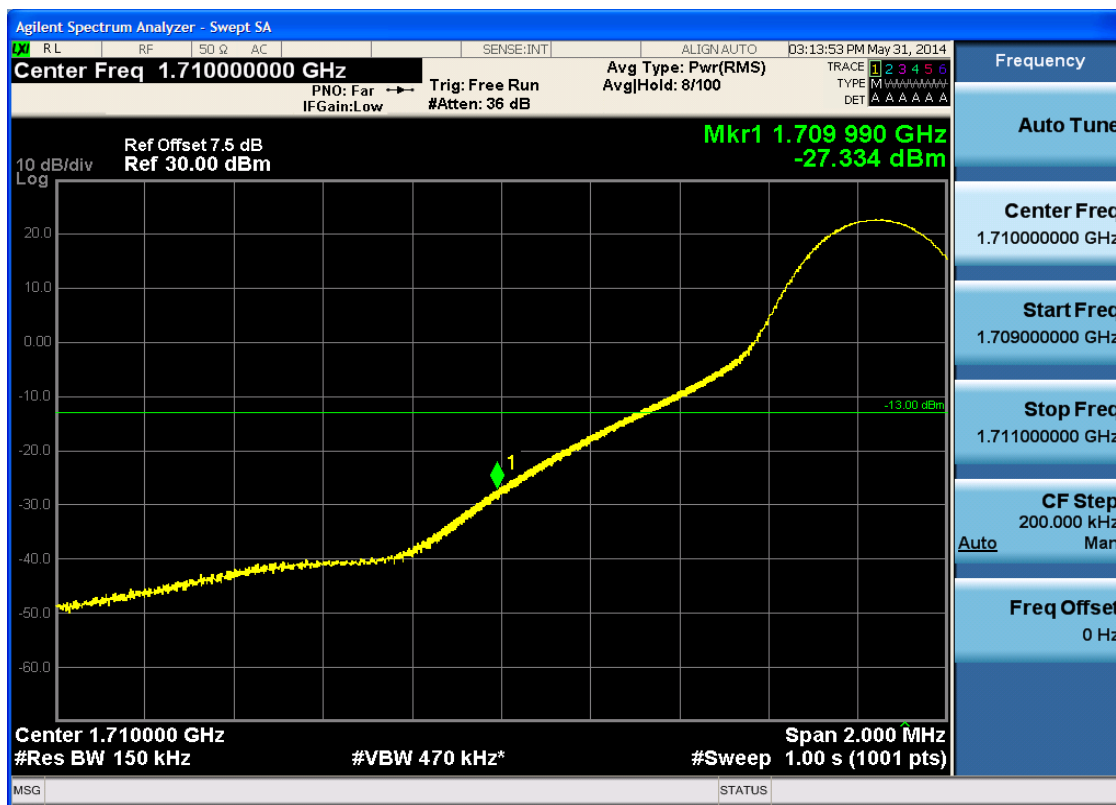




5.3.2.1.5 Test Bandwidth = 15

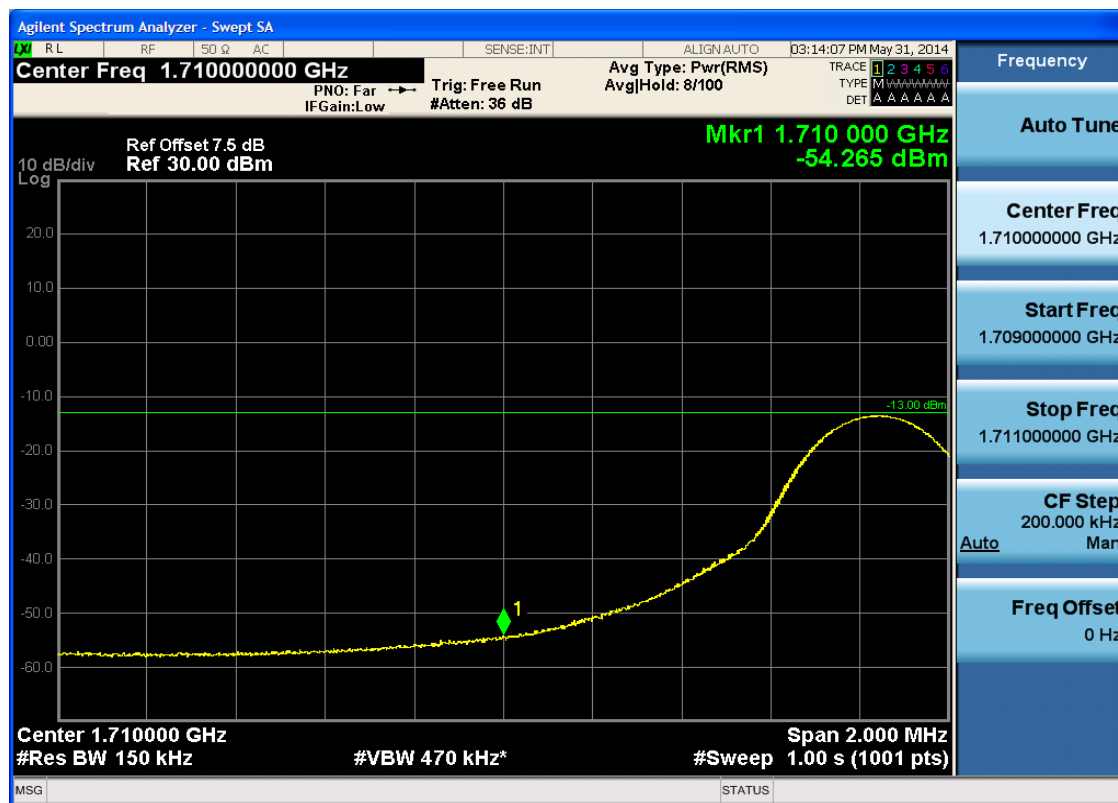
5.3.2.1.5.1 Test Channel = LCH

5.3.2.1.5.1.1 Test RB = RB1#0



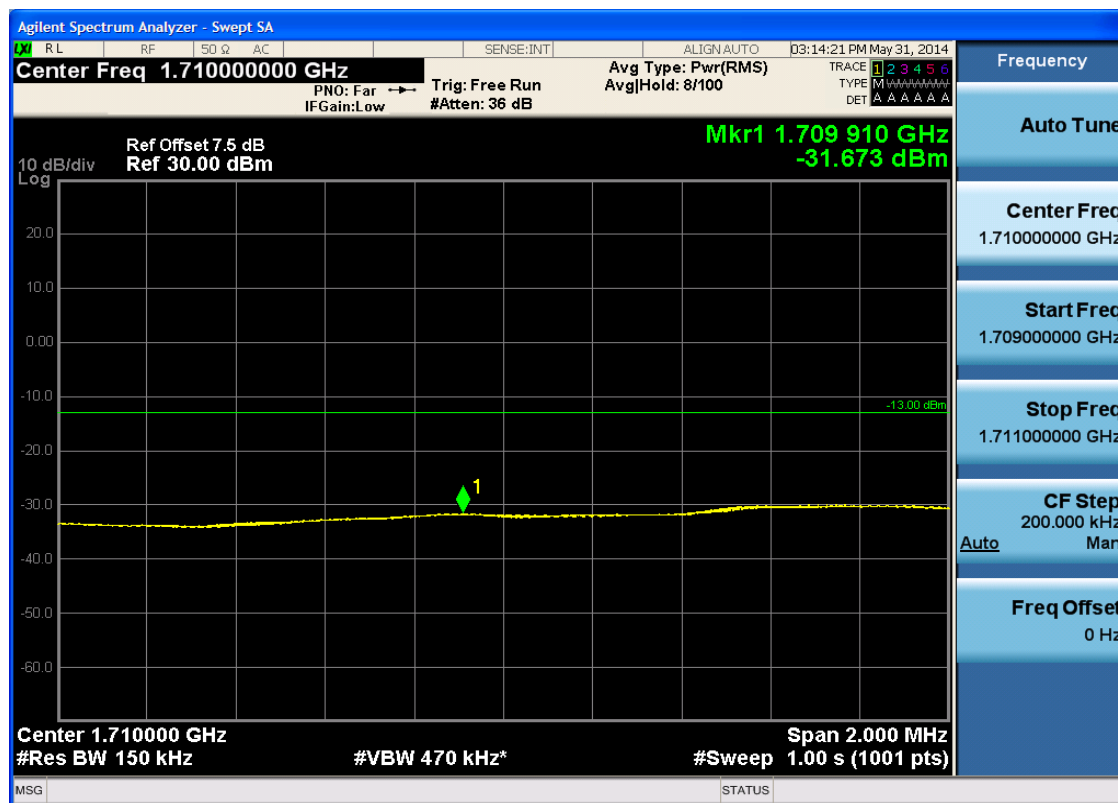


5.3.2.1.5.1.2 Test RB = RB1#74



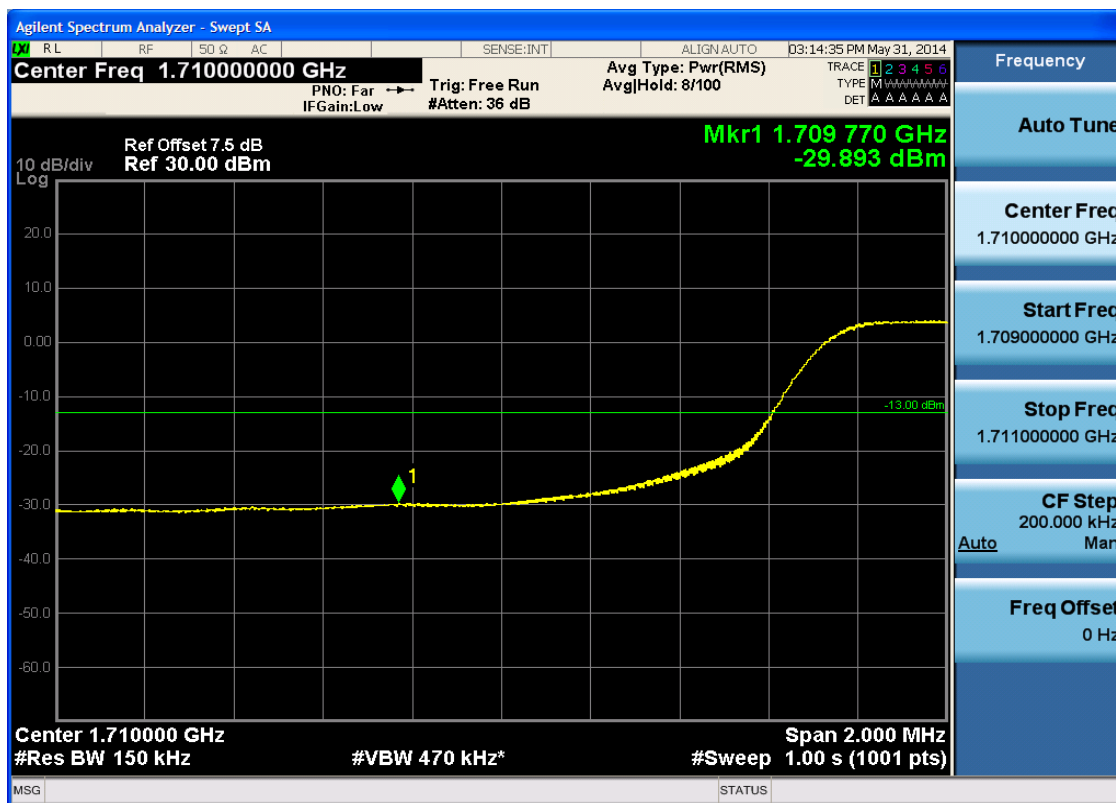


5.3.2.1.5.1.3 Test RB = RB38#19





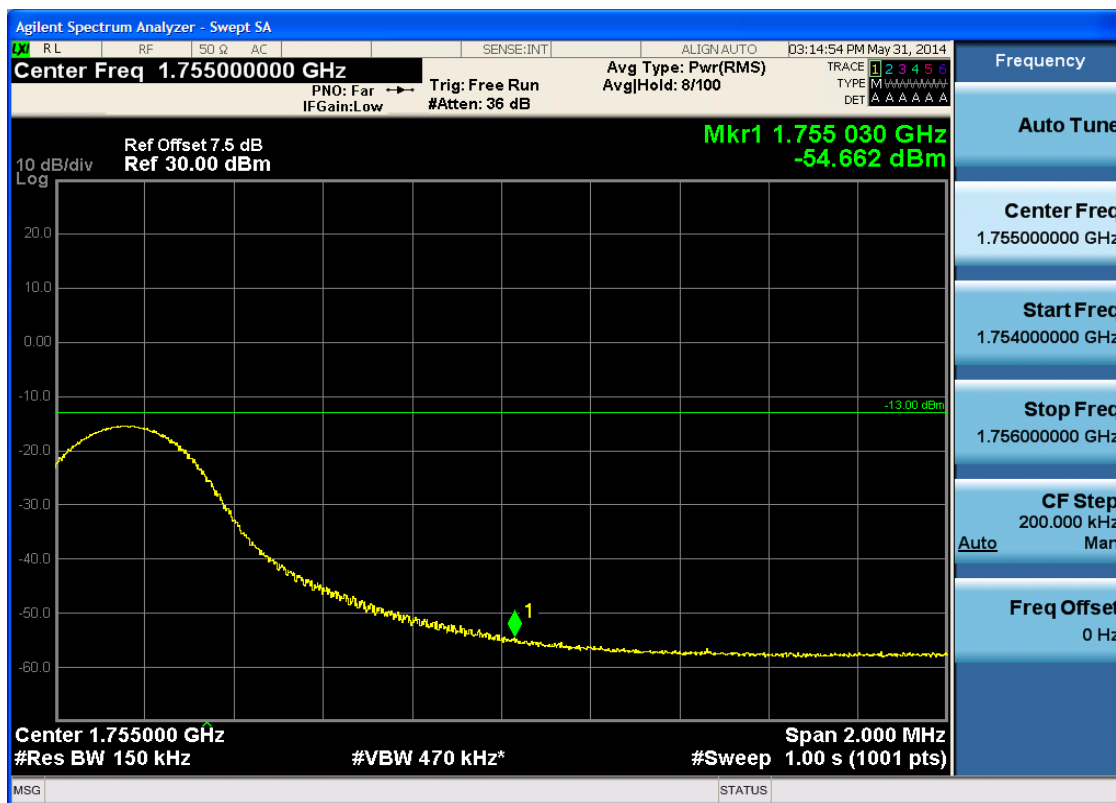
5.3.2.1.5.1.4 Test RB = RB75#0





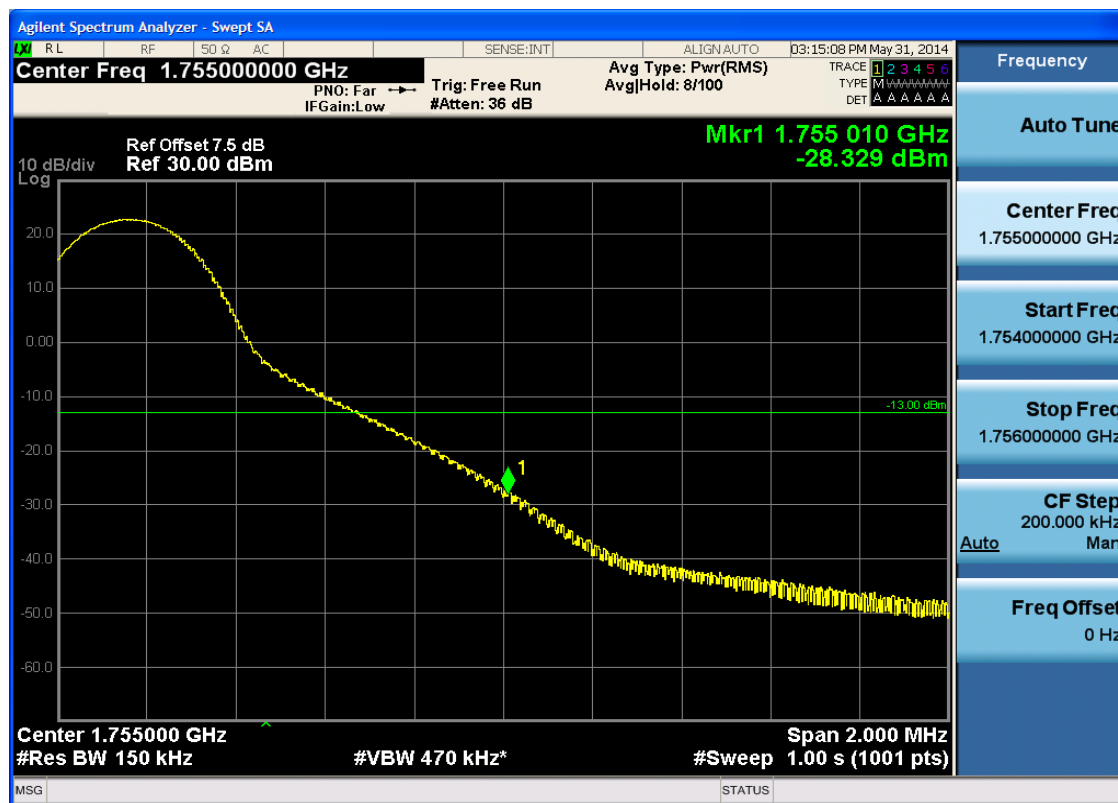
5.3.2.1.5.2 Test Channel = HCH

5.3.2.1.5.2.1 Test RB = RB1#0



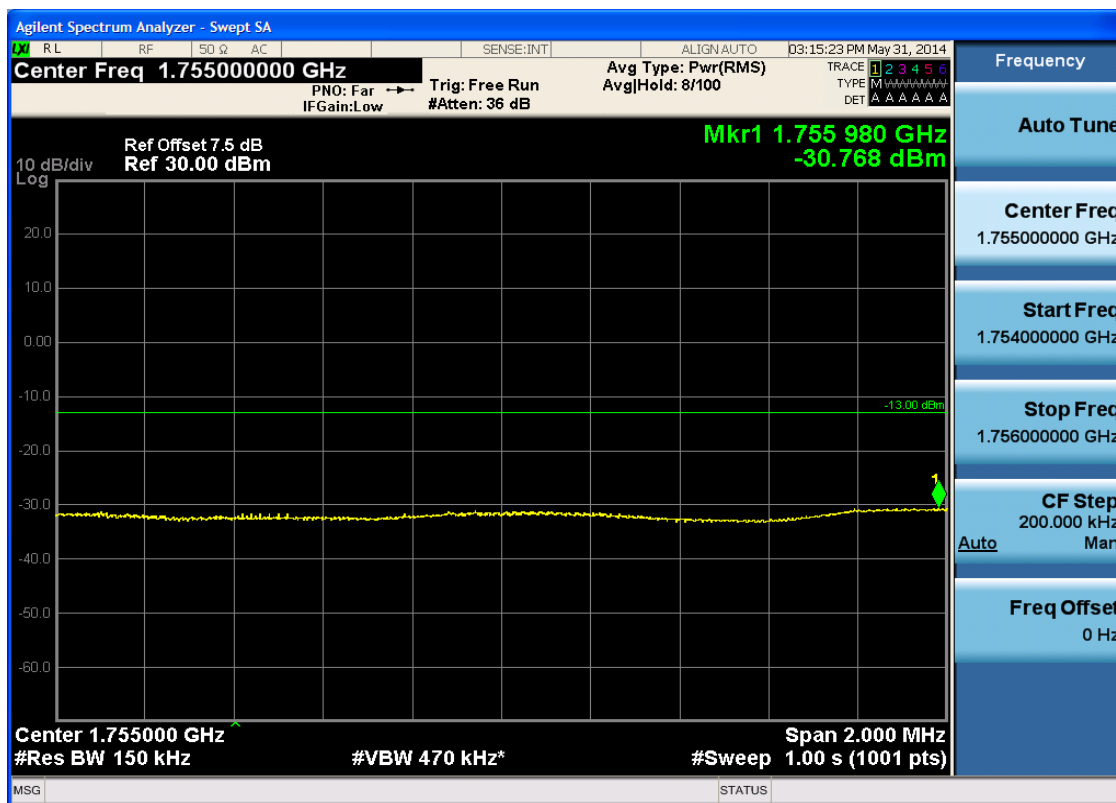


5.3.2.1.5.2.2 Test RB = RB1#74



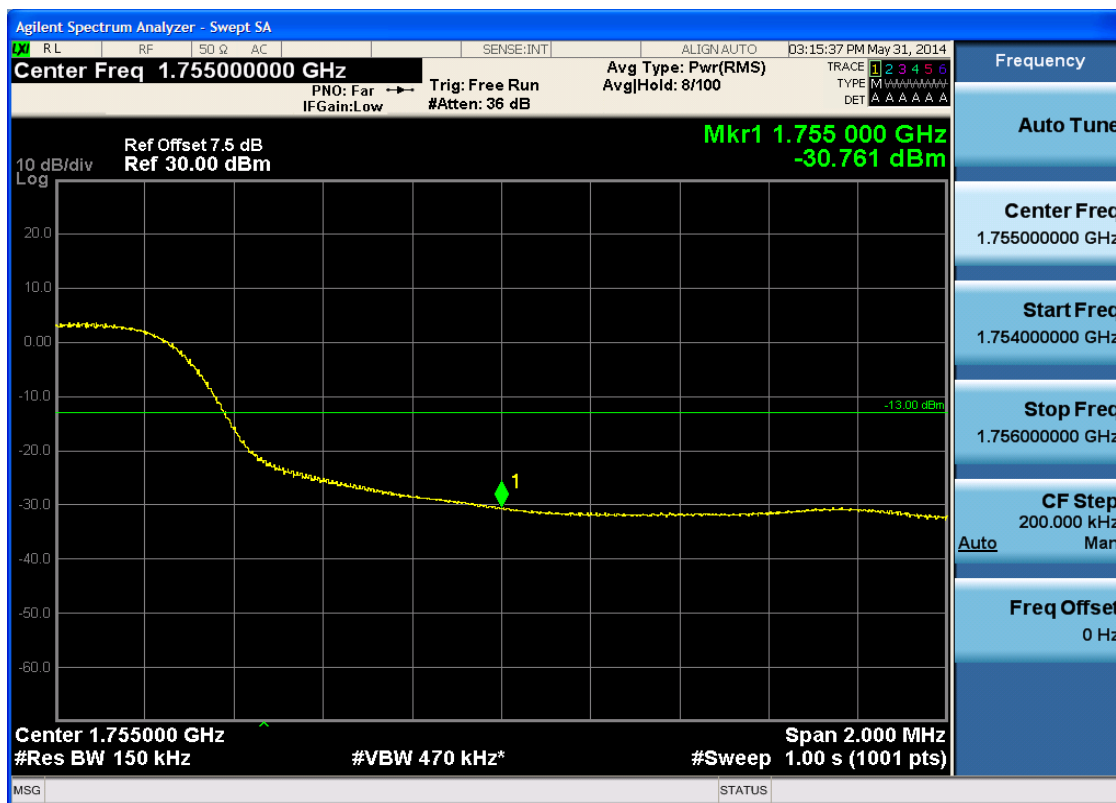


5.3.2.1.5.2.3 Test RB = RB38#19





5.3.2.1.5.2.4 Test RB = RB75#0

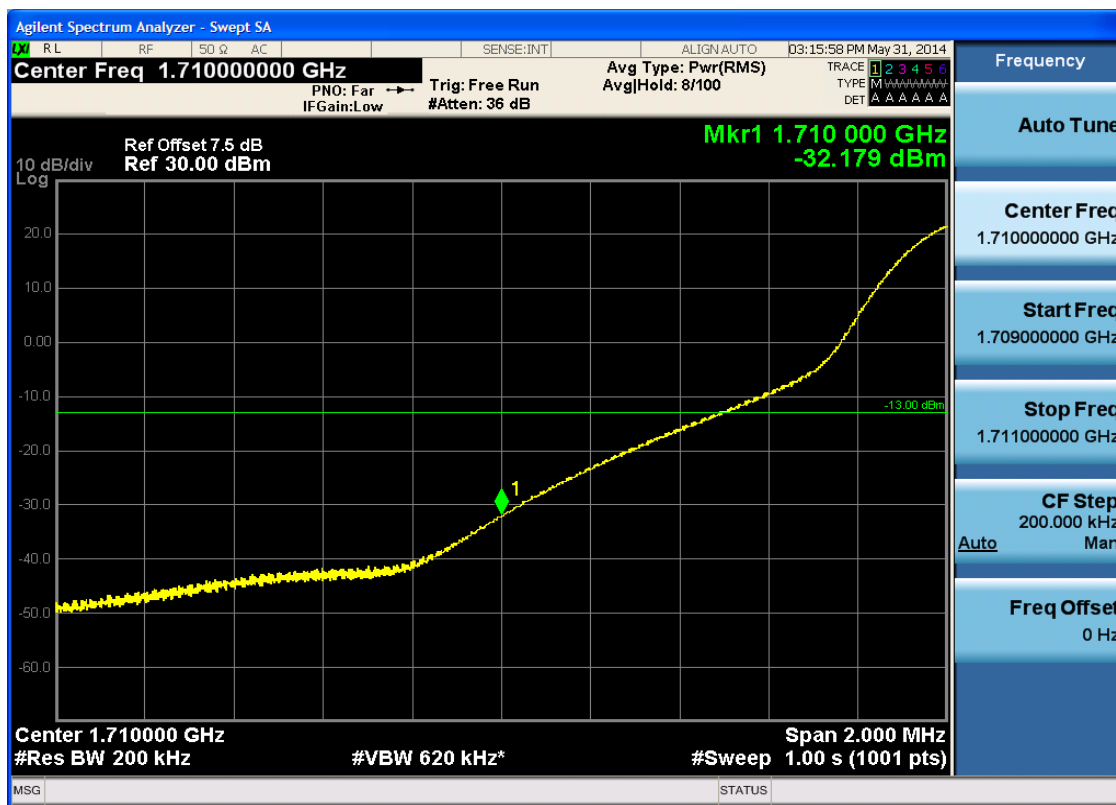




5.3.2.1.6 Test Bandwidth = 20

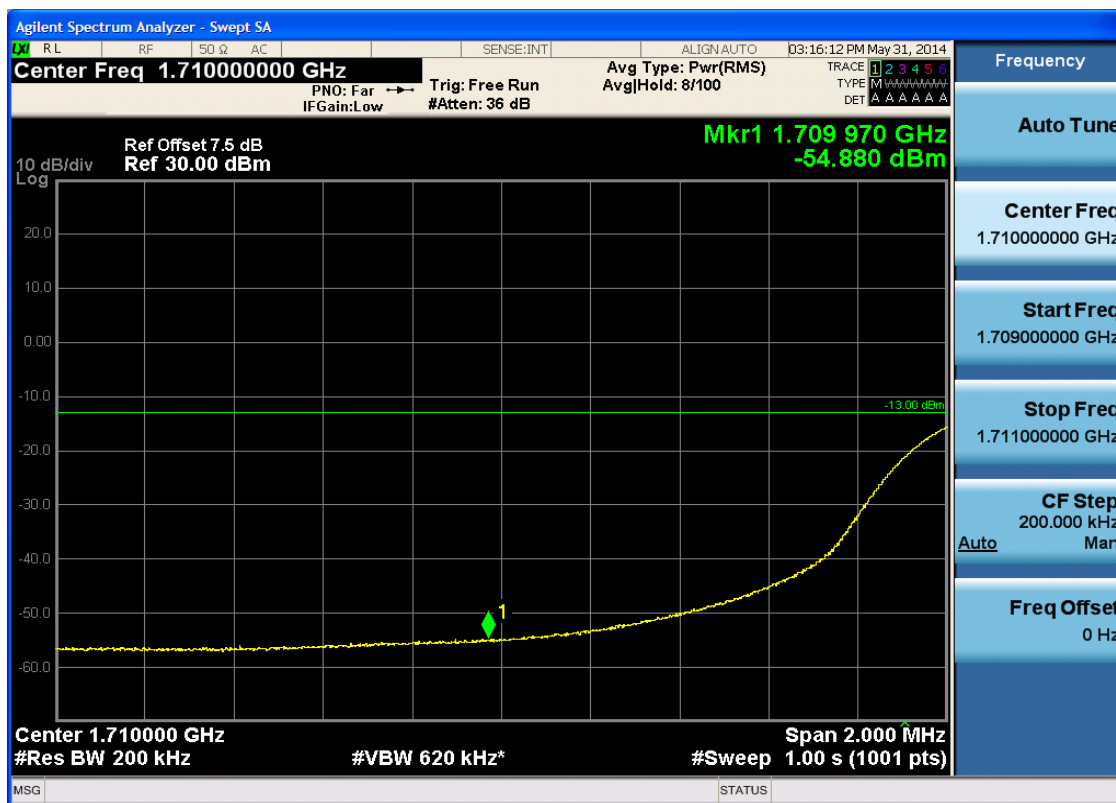
5.3.2.1.6.1 Test Channel = LCH

5.3.2.1.6.1.1 Test RB = RB1#0





5.3.2.1.6.1.2 Test RB = RB1#99



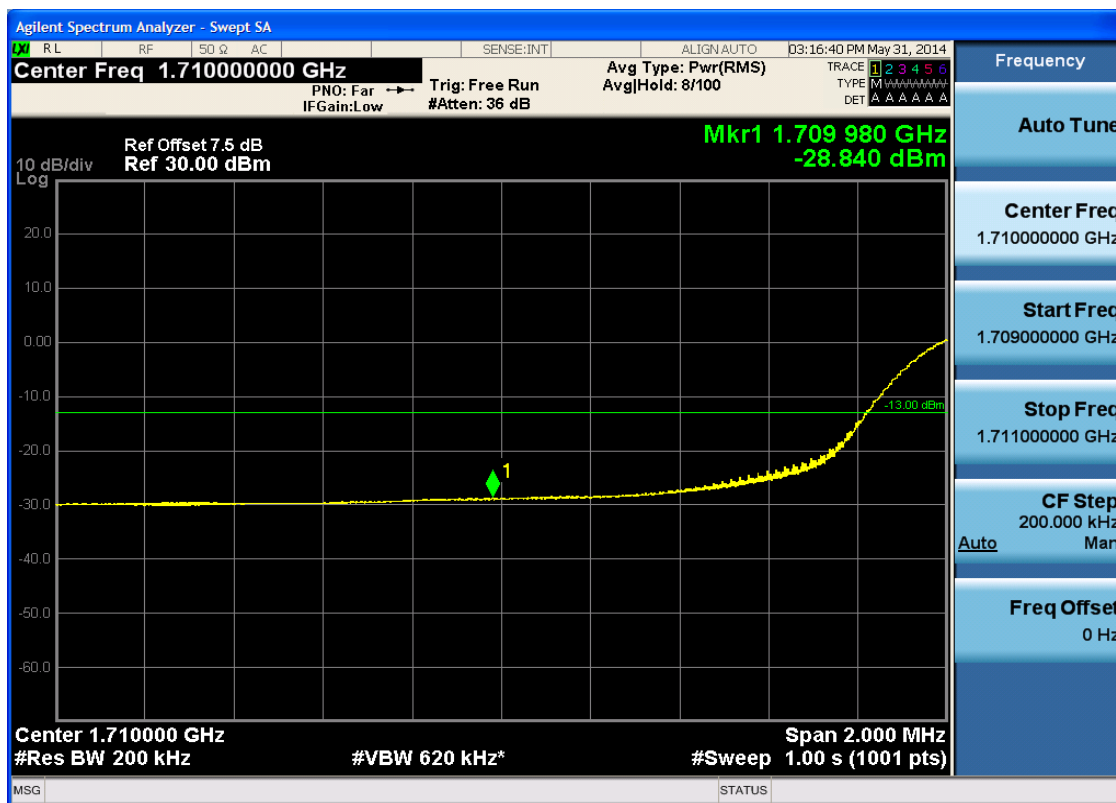


5.3.2.1.6.1.3 Test RB = RB50#25





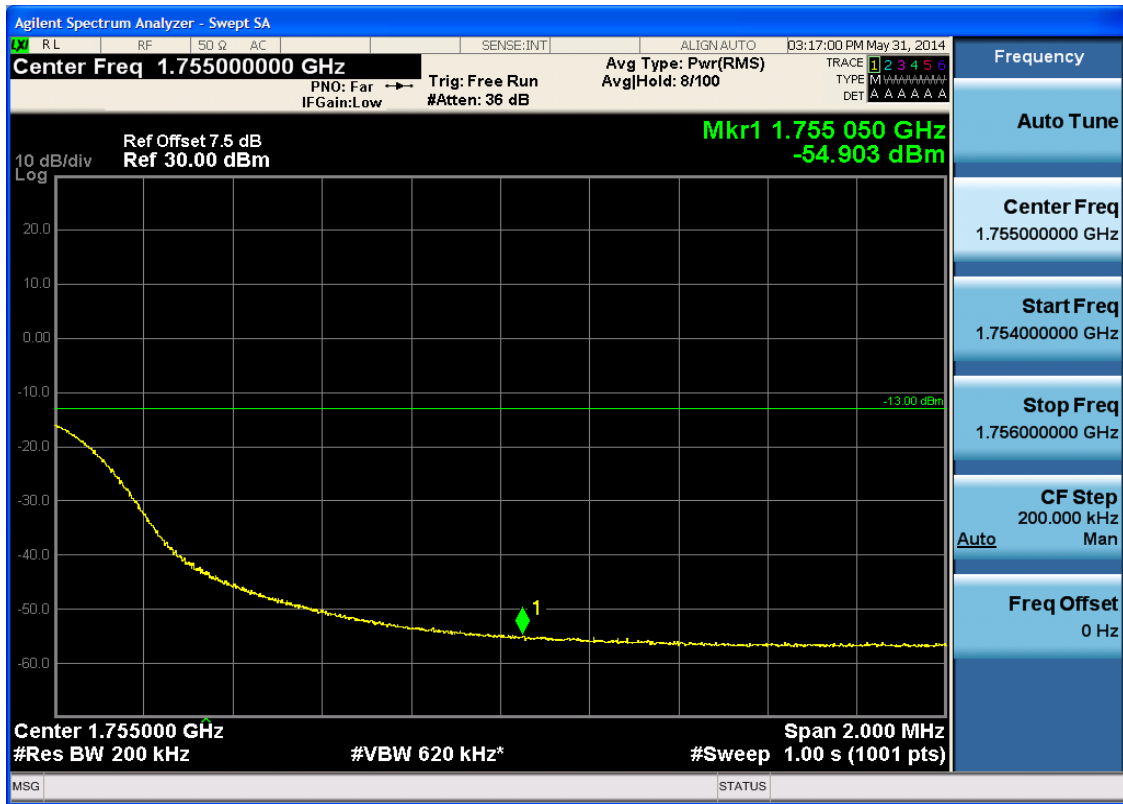
5.3.2.1.6.1.4 Test RB = RB100#0





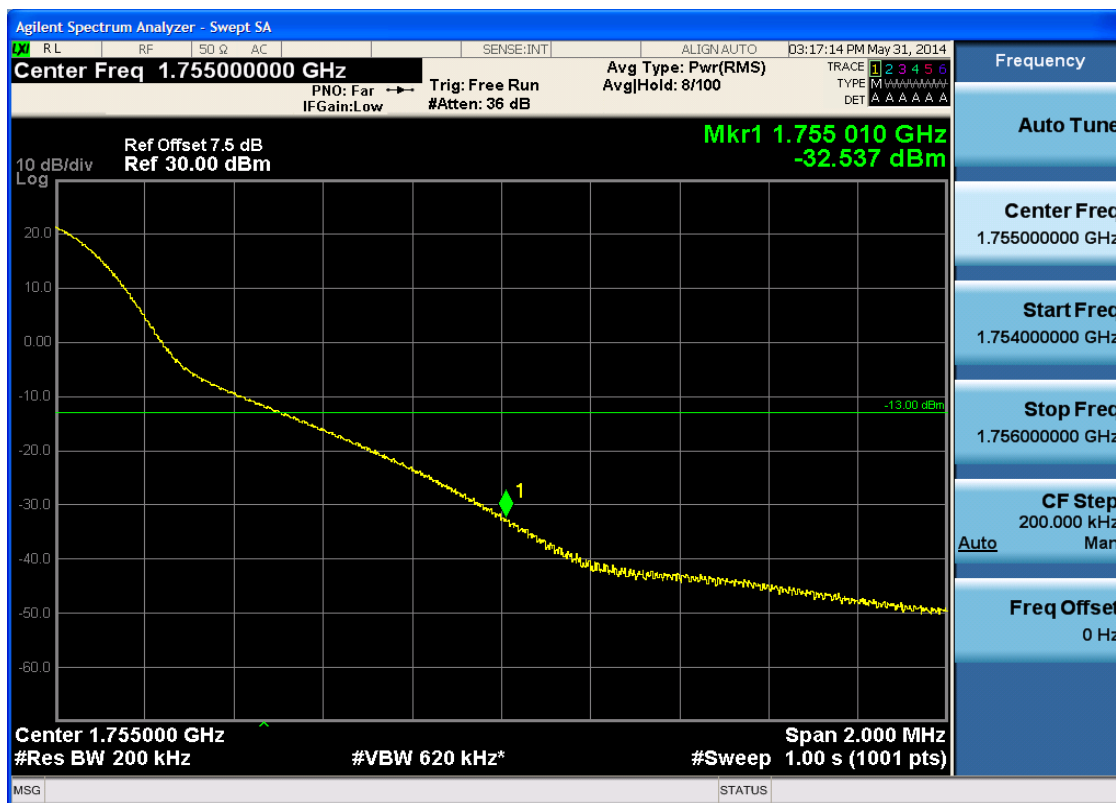
5.3.2.1.6.2 Test Channel = HCH

5.3.2.1.6.2.1 Test RB = RB1#0



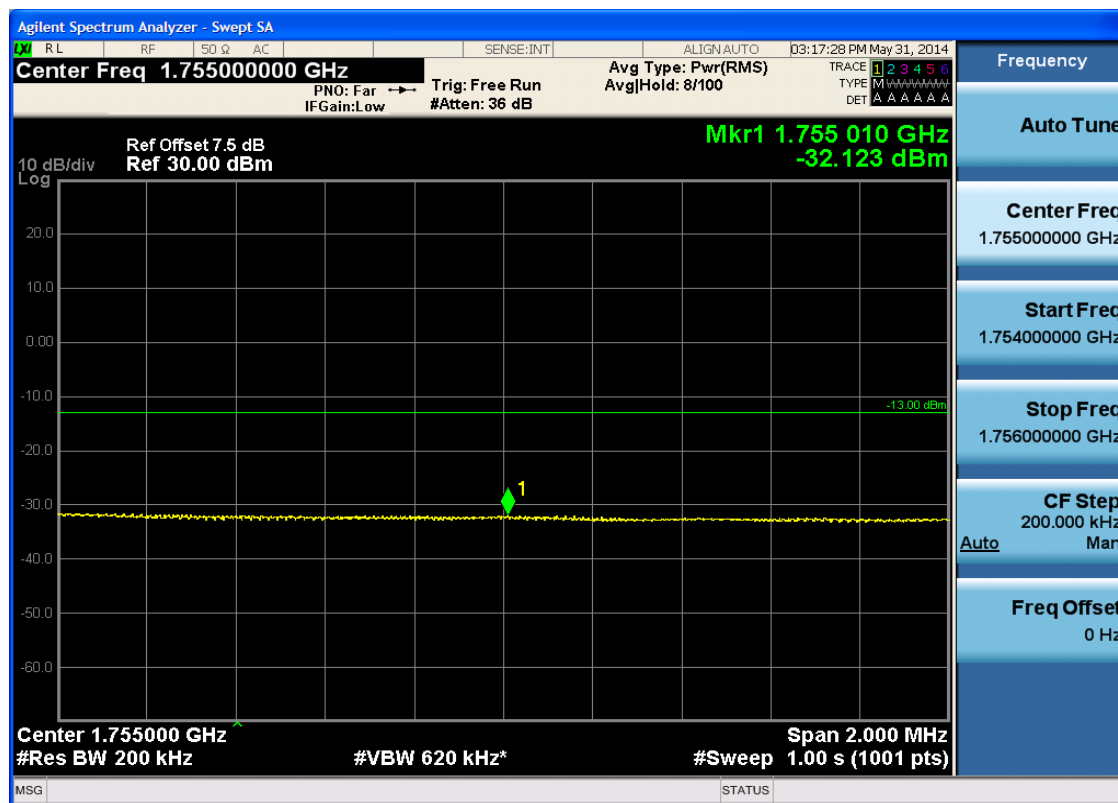


5.3.2.1.6.2.2 Test RB = RB1#99



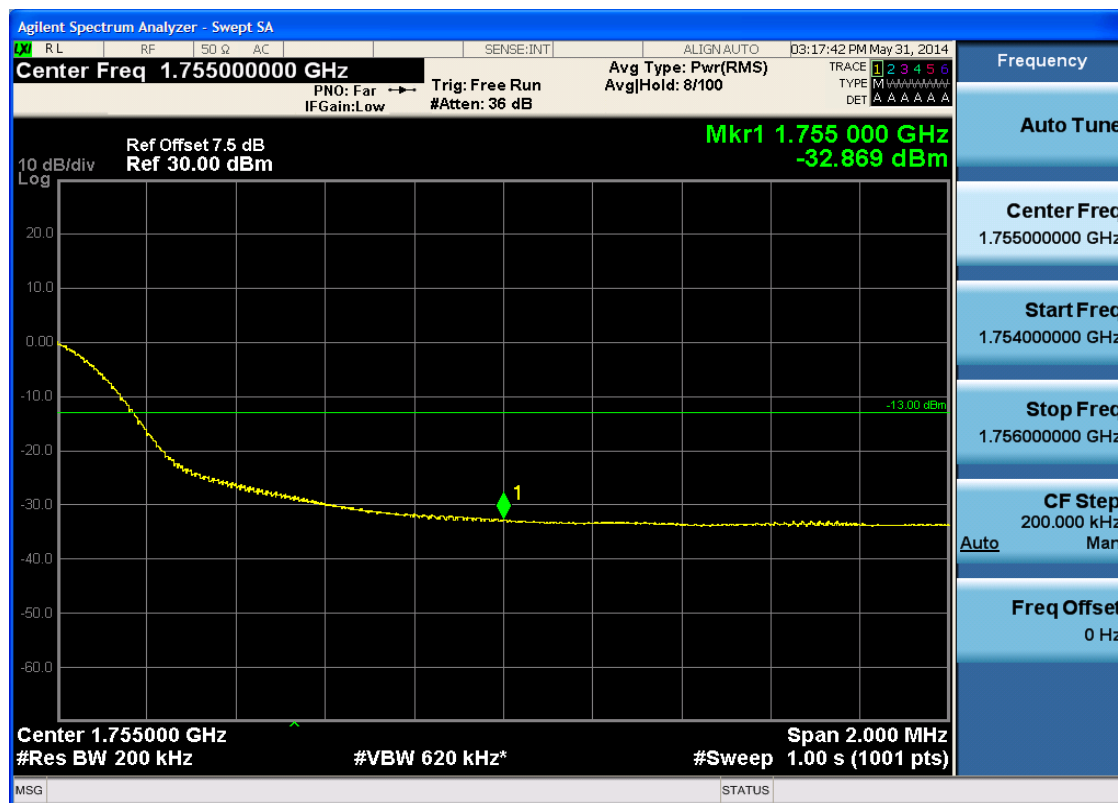


5.3.2.1.6.2.3 Test RB = RB50#25





5.3.2.1.6.2.4 Test RB = RB100#0



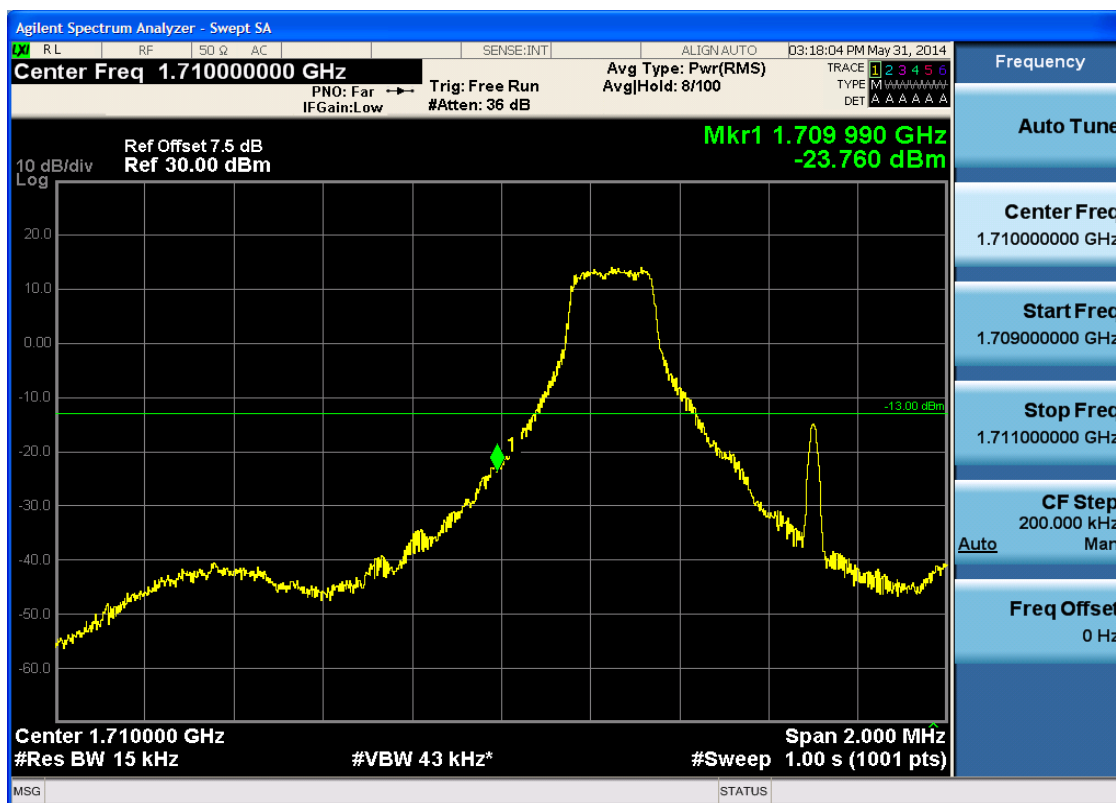


5.3.2.2 Test Mode = LTE/TM2

5.3.2.2.1 Test Bandwidth = 1.4

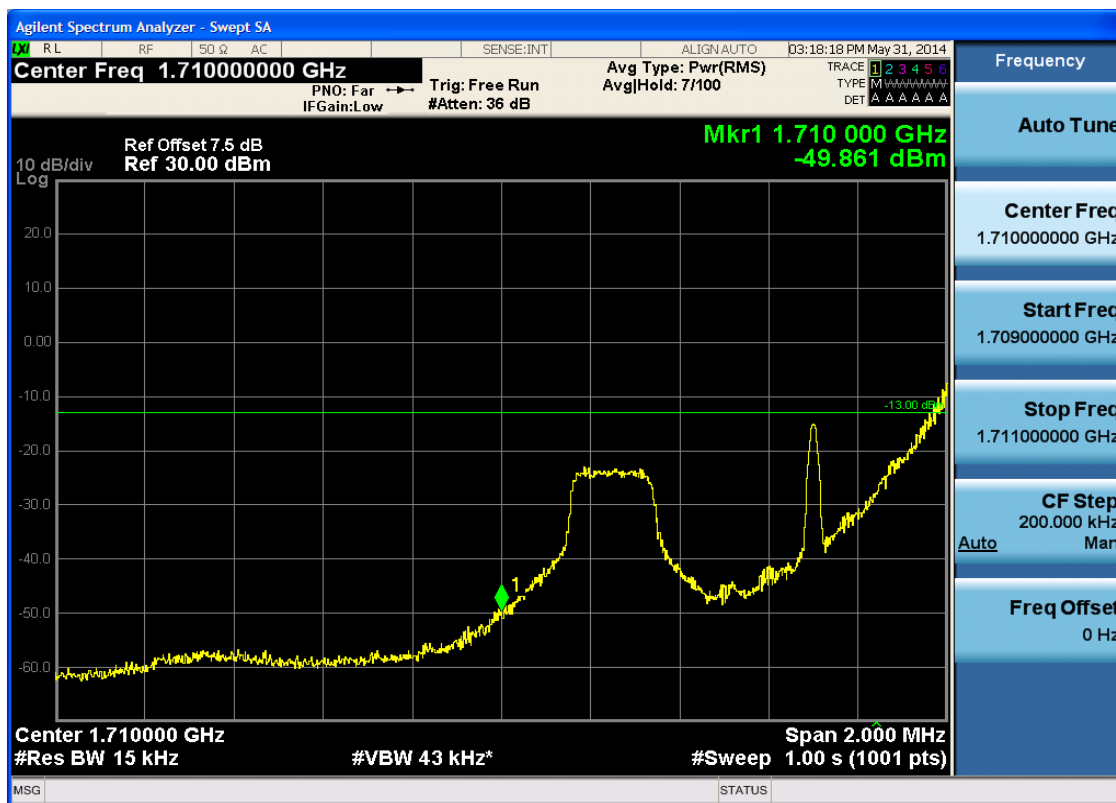
5.3.2.2.1.1 Test Channel = LCH

5.3.2.2.1.1.1 Test RB = RB1#0



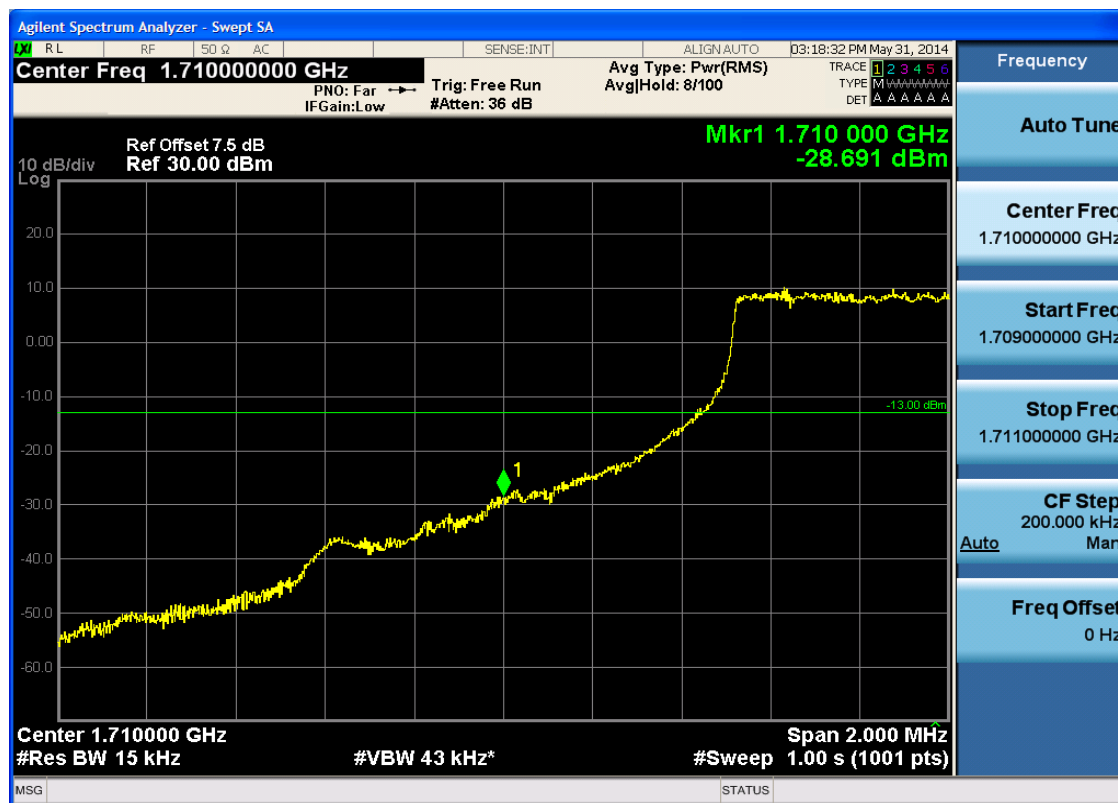


5.3.2.2.1.1.2 Test RB = RB1#5



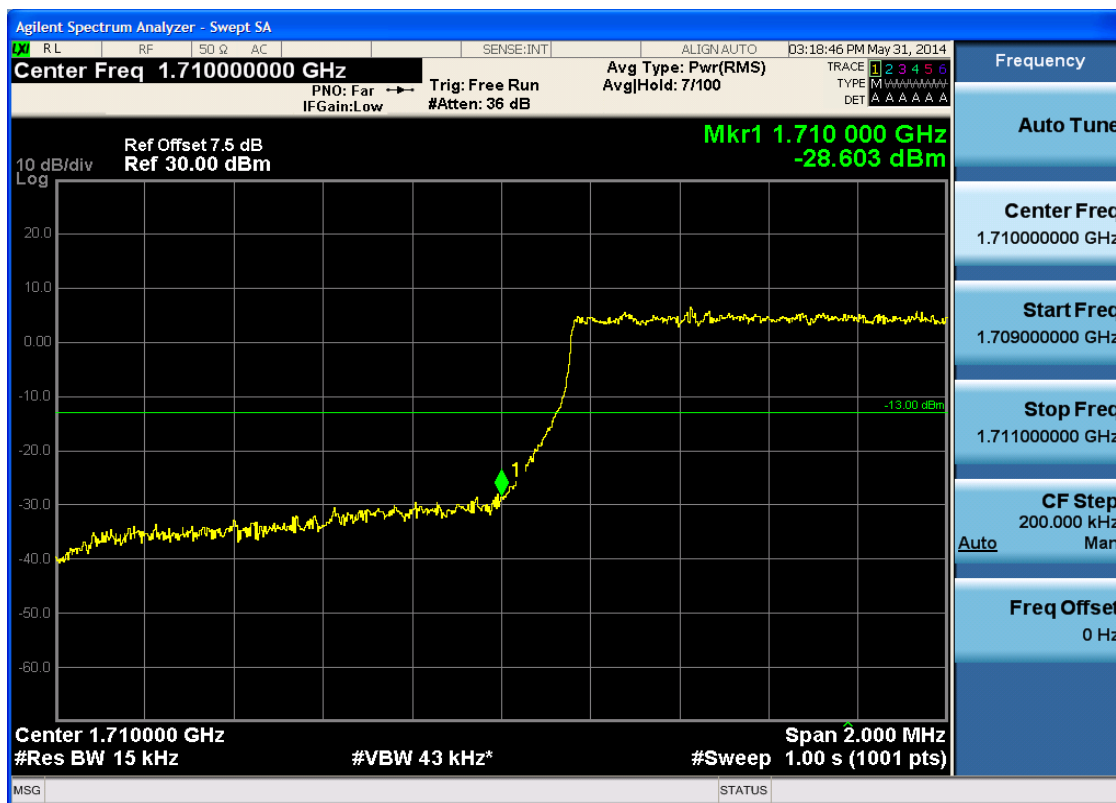


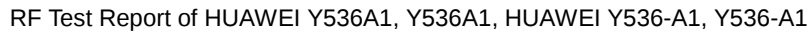
5.3.2.2.1.1.3 Test RB = RB3#2



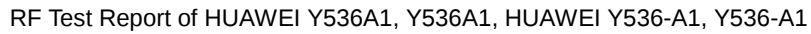


5.3.2.2.1.1.4 Test RB = RB6#0





5.3.2.2.1.2.1 Test RB = RB1#0



Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 03:22:36 PM May 31, 2014

Center Freq 1.755000000 GHz Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6
 PNO: Far → Trig: Free Run Avg|Hold: 8/100 TYPE M W W 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 1.755 000 GHz**
 Ref 30.00 dBm **-22.389 dBm**

10 dB/div
Log

Center 1.755000 GHz Span 2.000 MHz
 #Res BW 15 kHz #VBW 43 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency
 Auto Tune
 Center Freq 1.755000000 GHz
 Start Freq 1.754000000 GHz
 Stop Freq 1.756000000 GHz
 CF Step 200.000 kHz Man
 Auto
 Freq Offset 0 Hz



5.3.2.2.1.2.3 Test RB = RB3#2





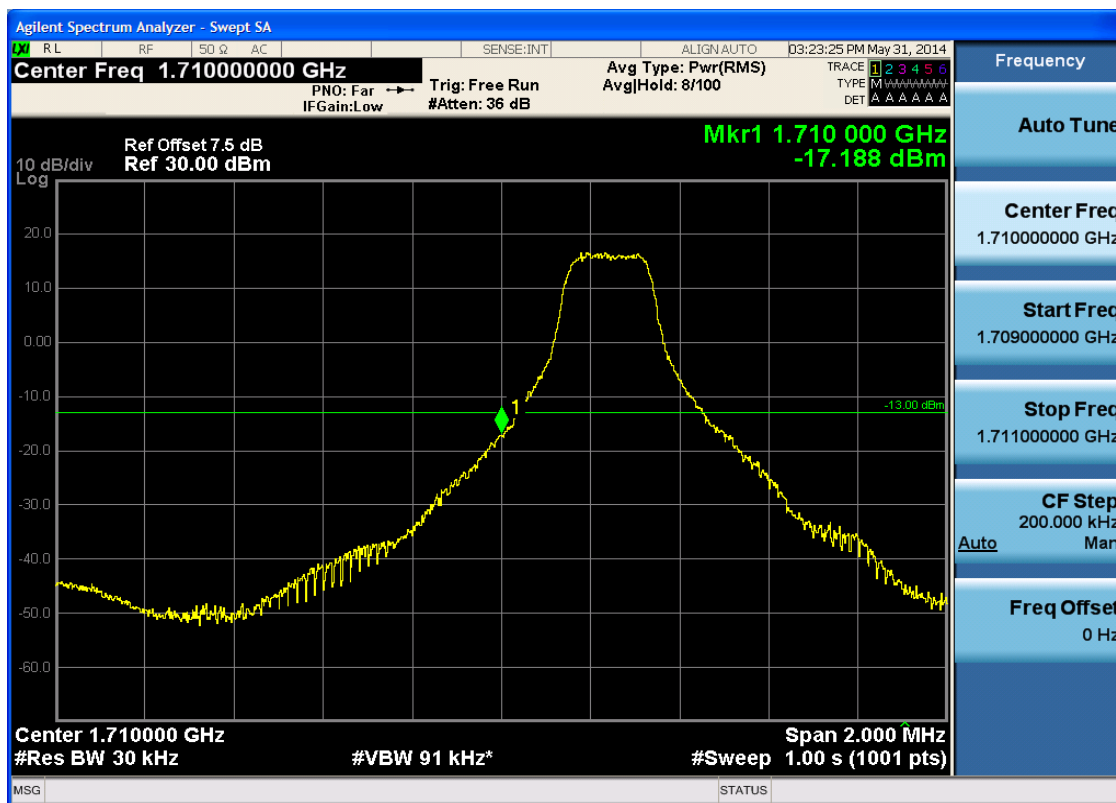
5.3.2.2.1.2.4 Test RB = RB6#0



5.3.2.2.2 Test Bandwidth = 3

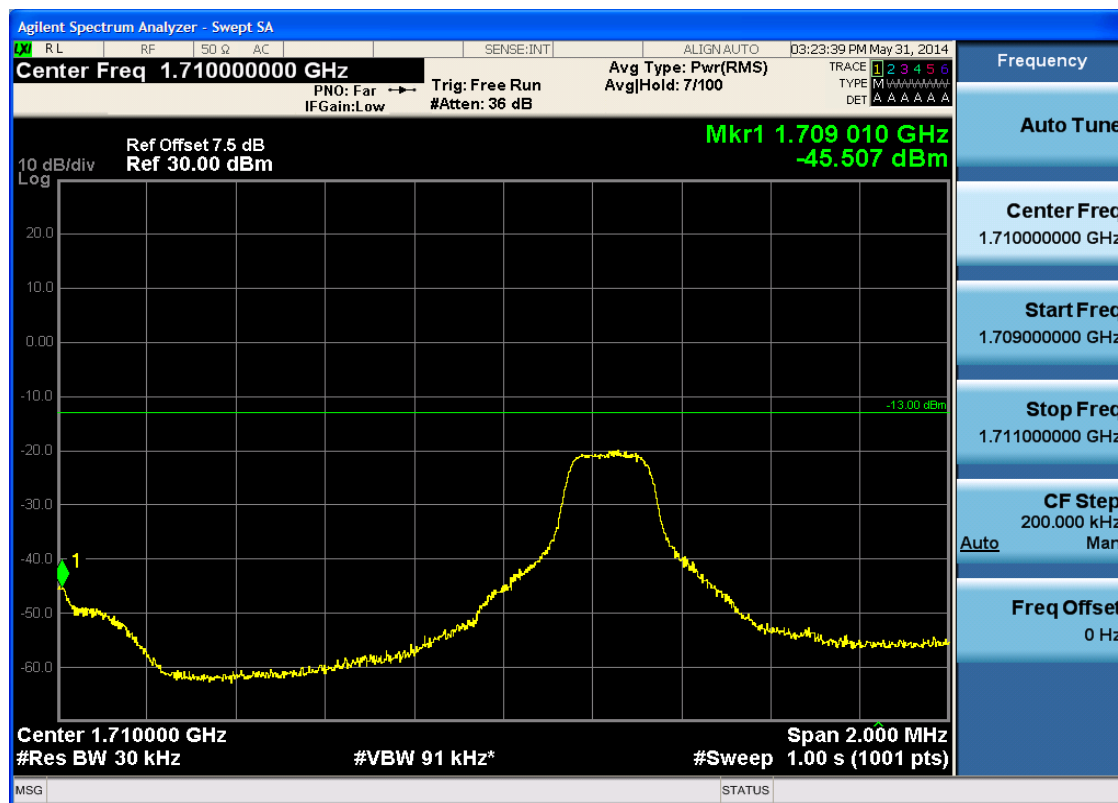
5.3.2.2.2.1 Test Channel = LCH

5.3.2.2.2.1.1 Test RB = RB1#0



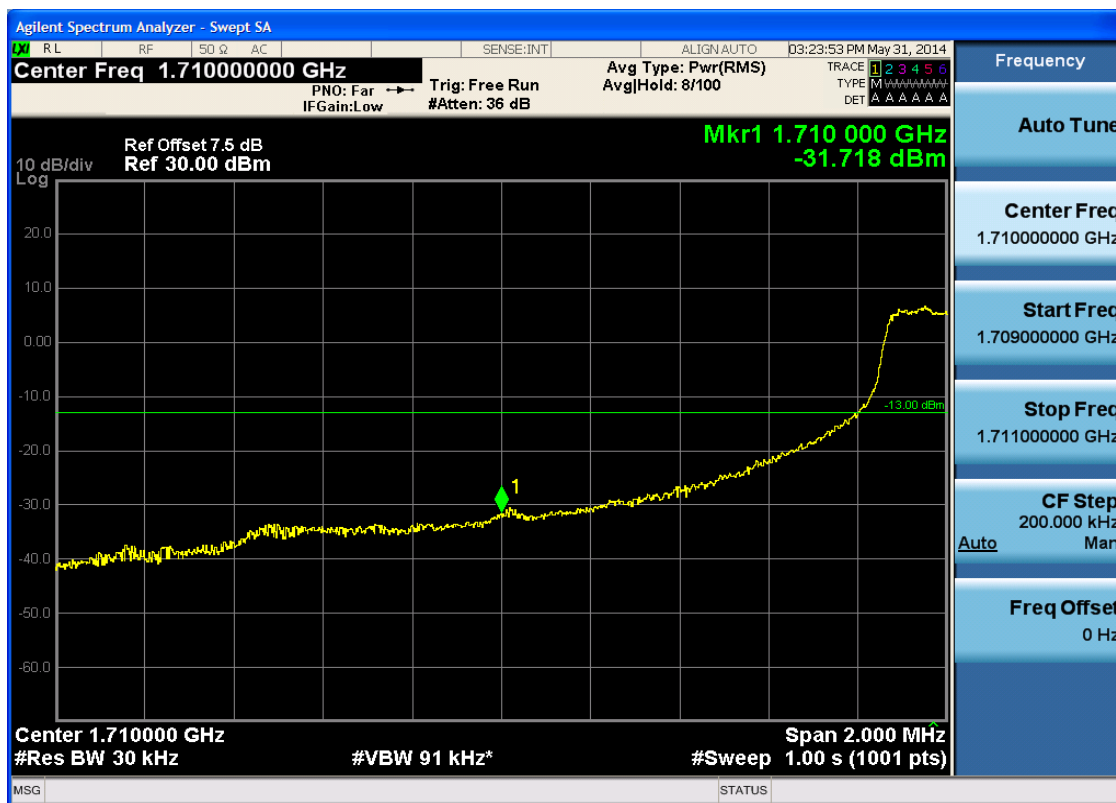


5.3.2.2.1.2 Test RB = RB1#14



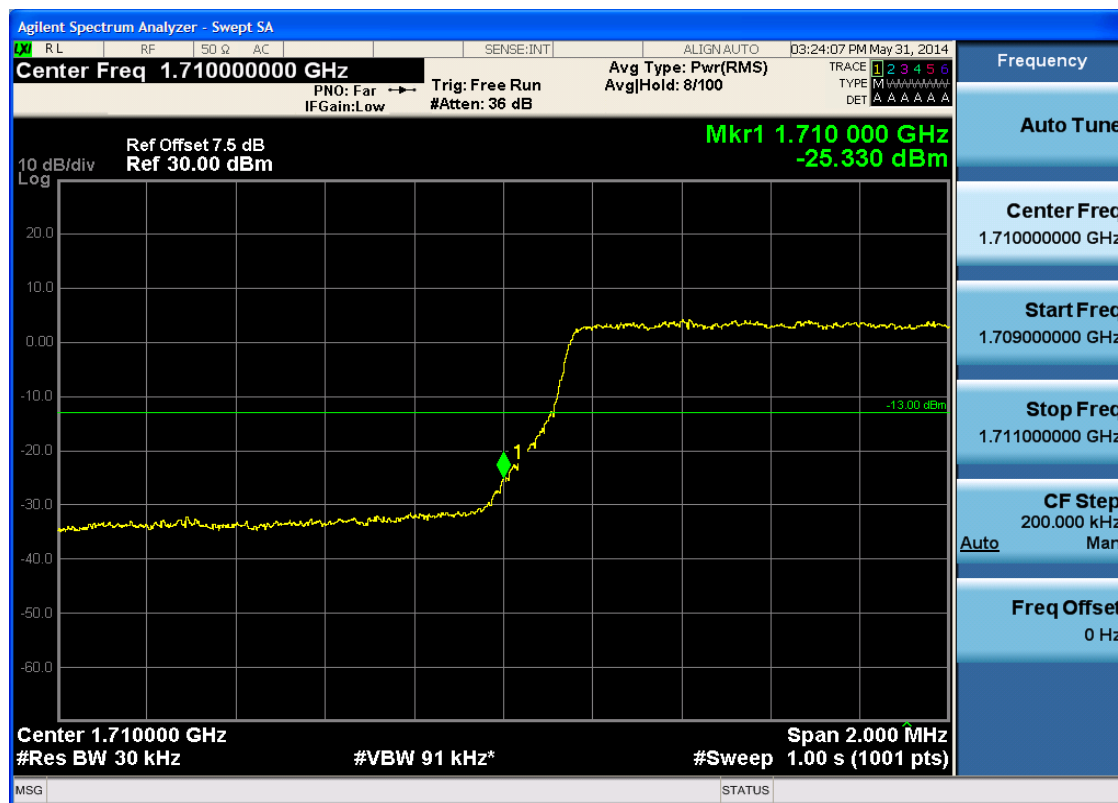


5.3.2.2.1.3 Test RB = RB8#4



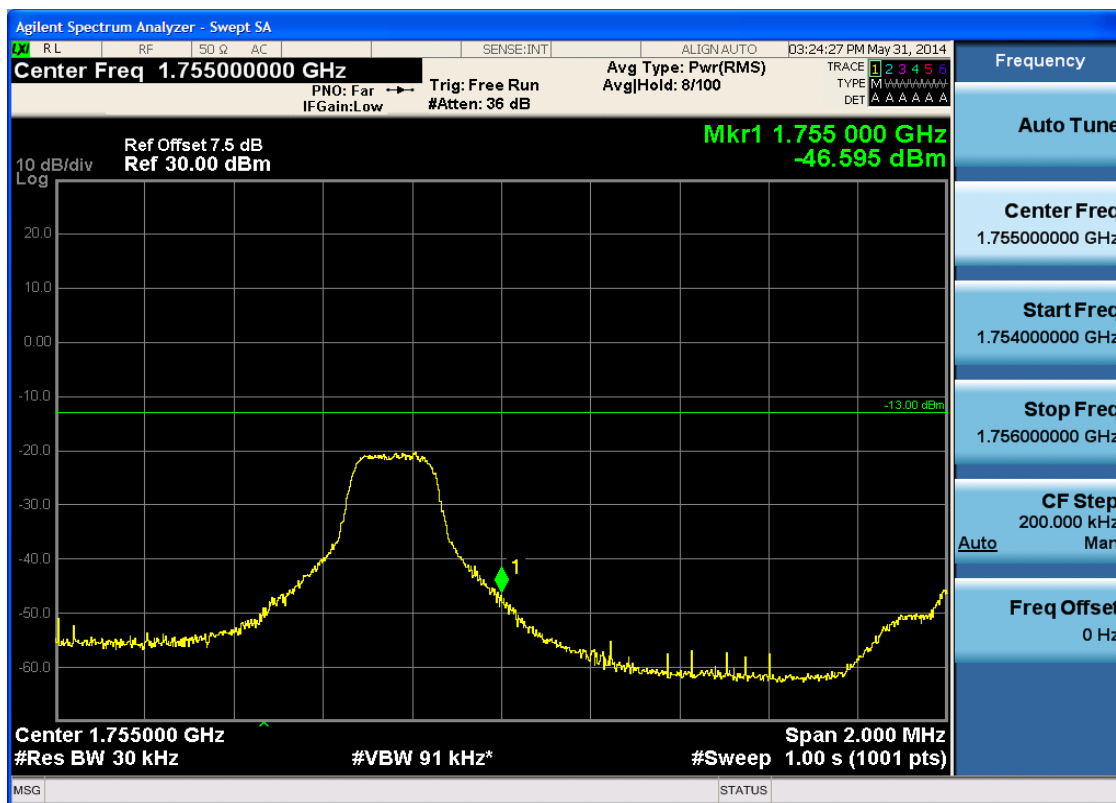


5.3.2.2.1.4 Test RB = RB15#0



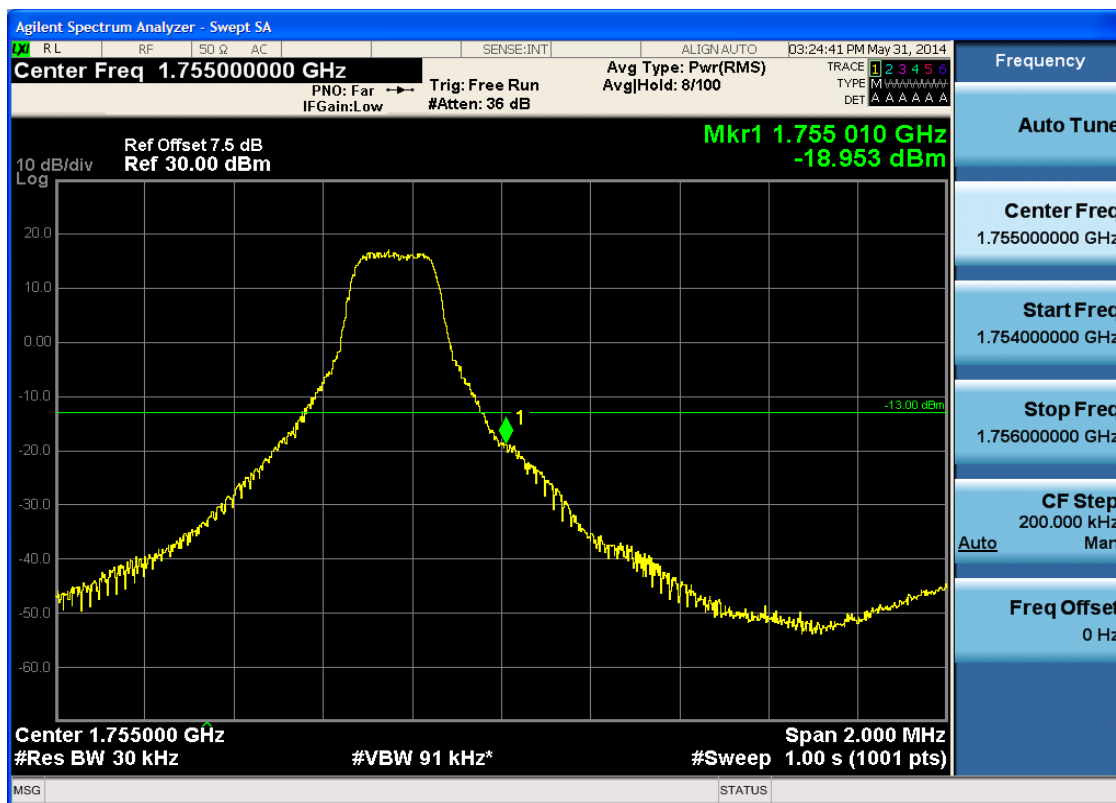
5.3.2.2.2 Test Channel = HCH

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





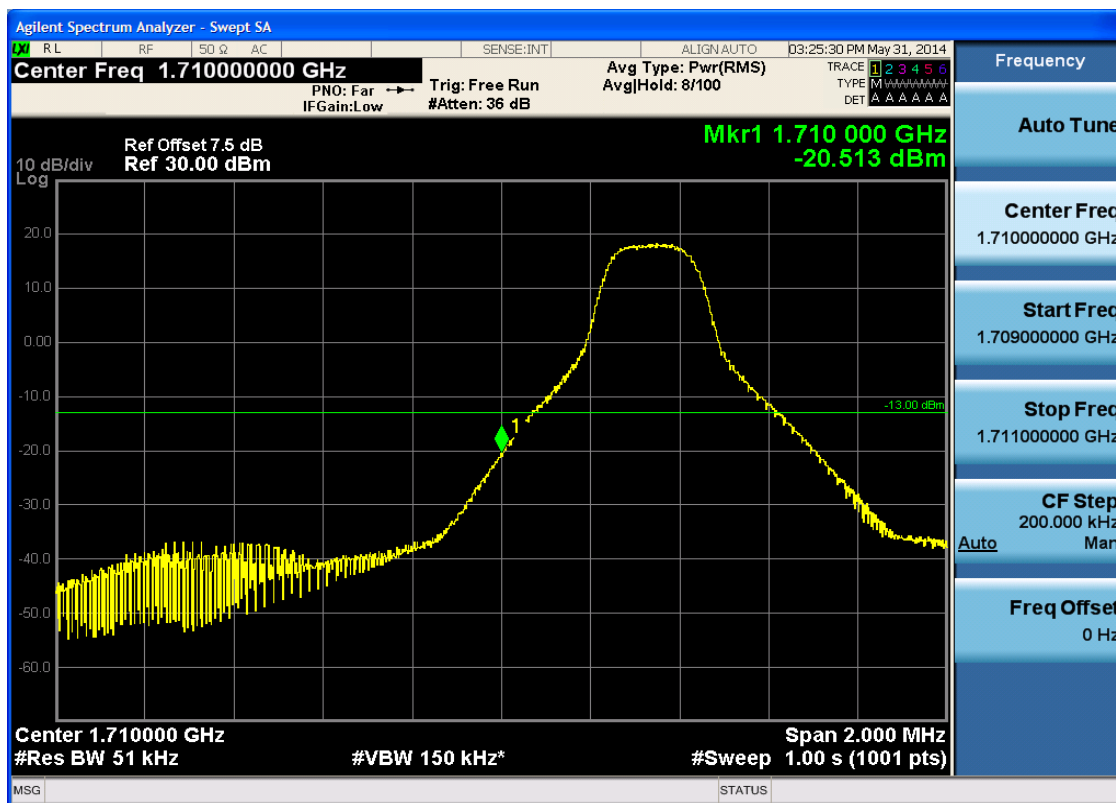
5.3.2.2.2.4 Test RB = RB15#0



5.3.2.2.3 Test Bandwidth = 5

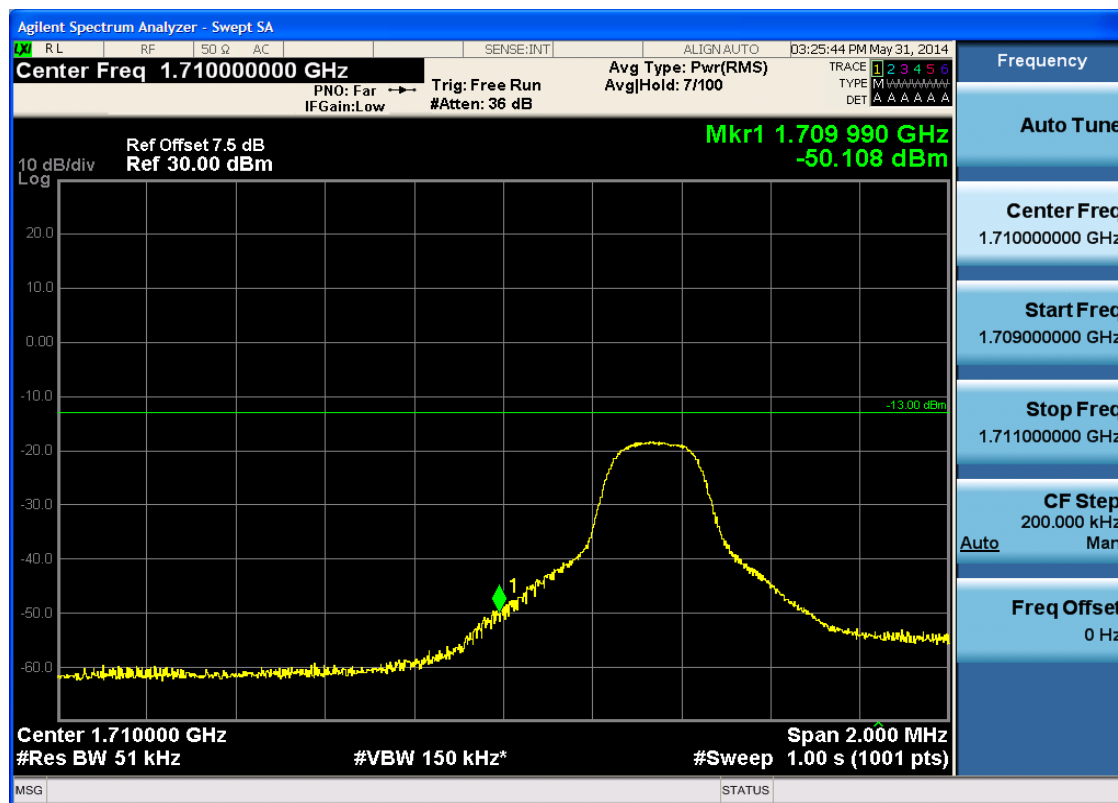
5.3.2.2.3.1 Test Channel = LCH

5.3.2.2.3.1.1 Test RB = RB1#0



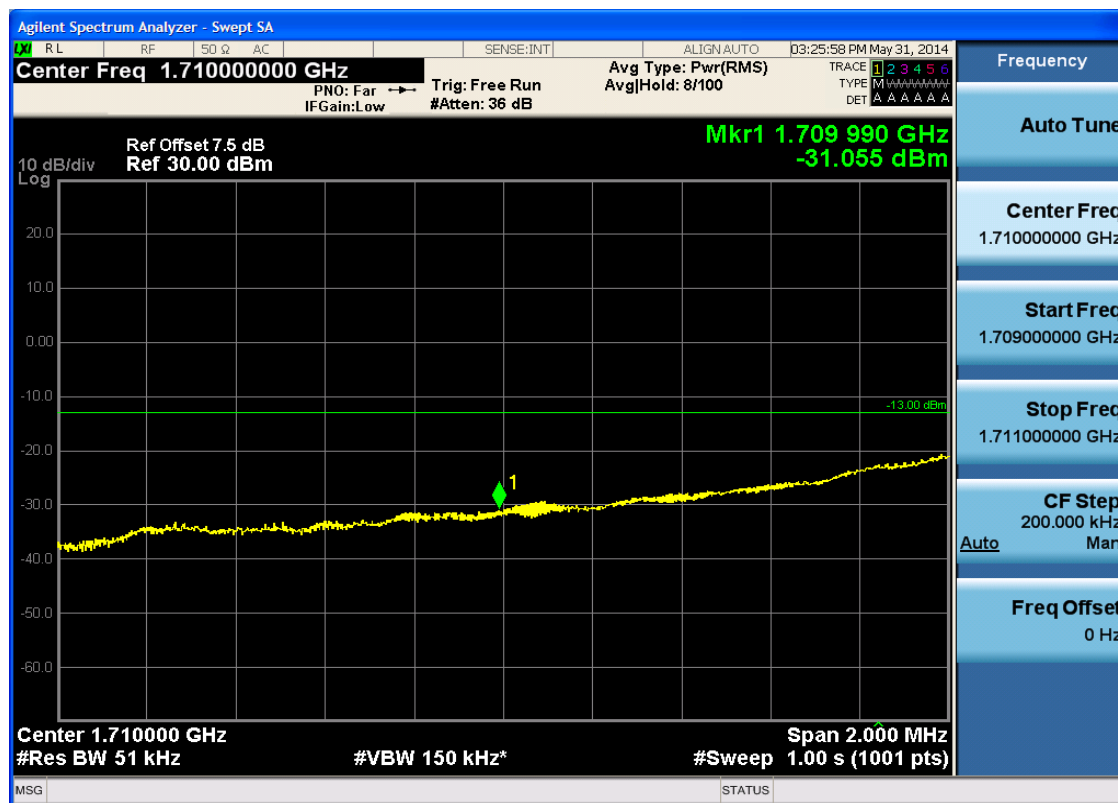


5.3.2.2.3.1.2 Test RB = RB1#24



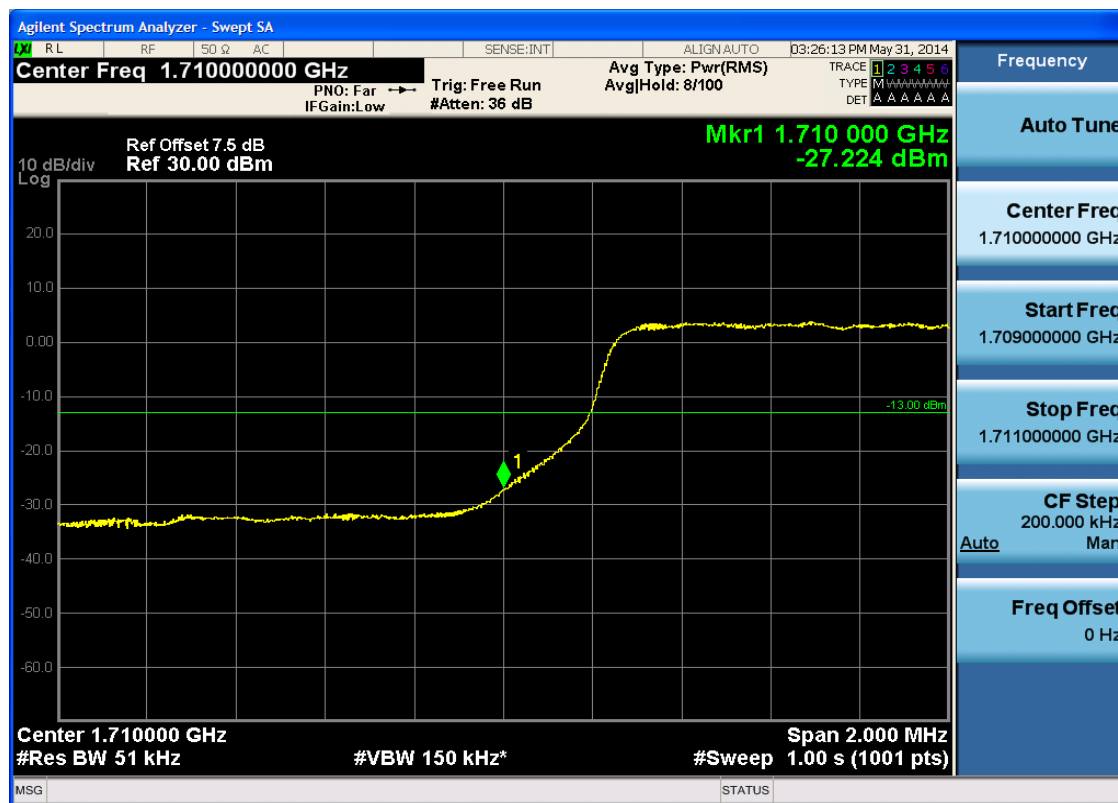


5.3.2.2.3.1.3 Test RB = RB12#6





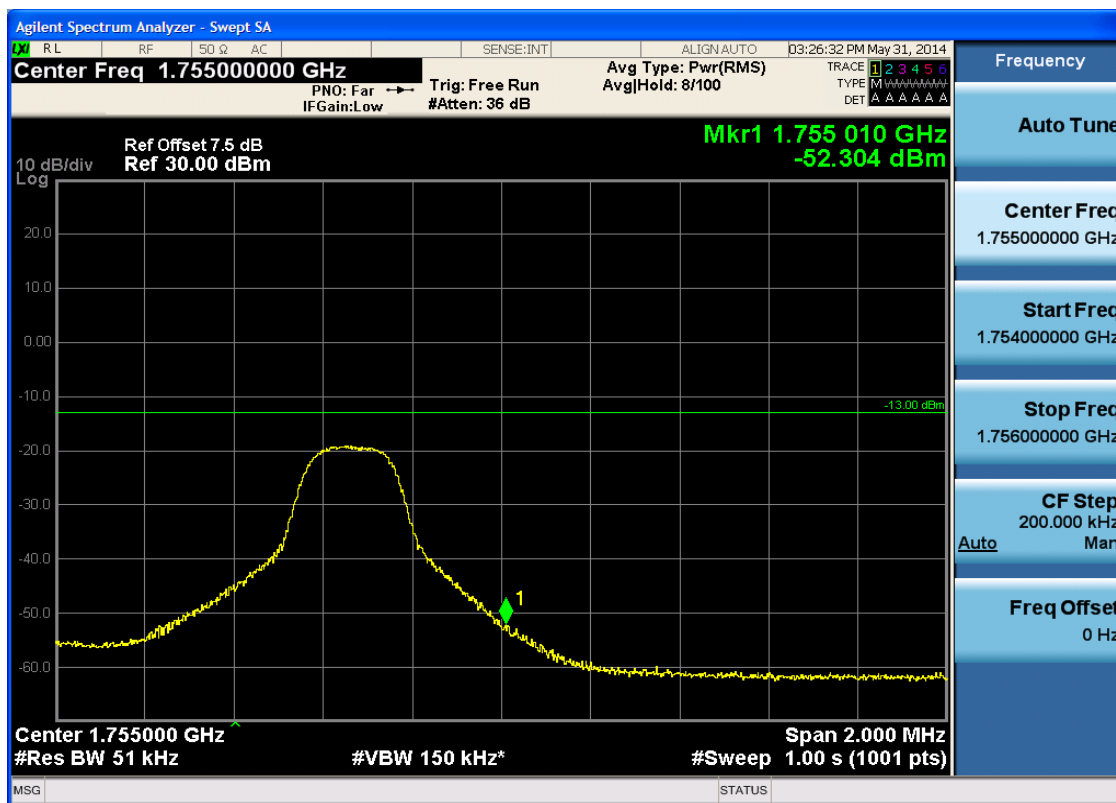
5.3.2.2.3.1.4 Test RB = RB25#0

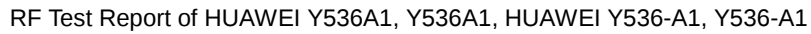




5.3.2.2.3.2 Test Channel = HCH

5.3.2.2.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.75500000 GHz
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 W W W W W W
DET A A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-21.137 dBm

10 dB/div
Log

-13.00 dBm

Center 1.755000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS



5.3.2.2.3.2.3 Test RB = RB12#6





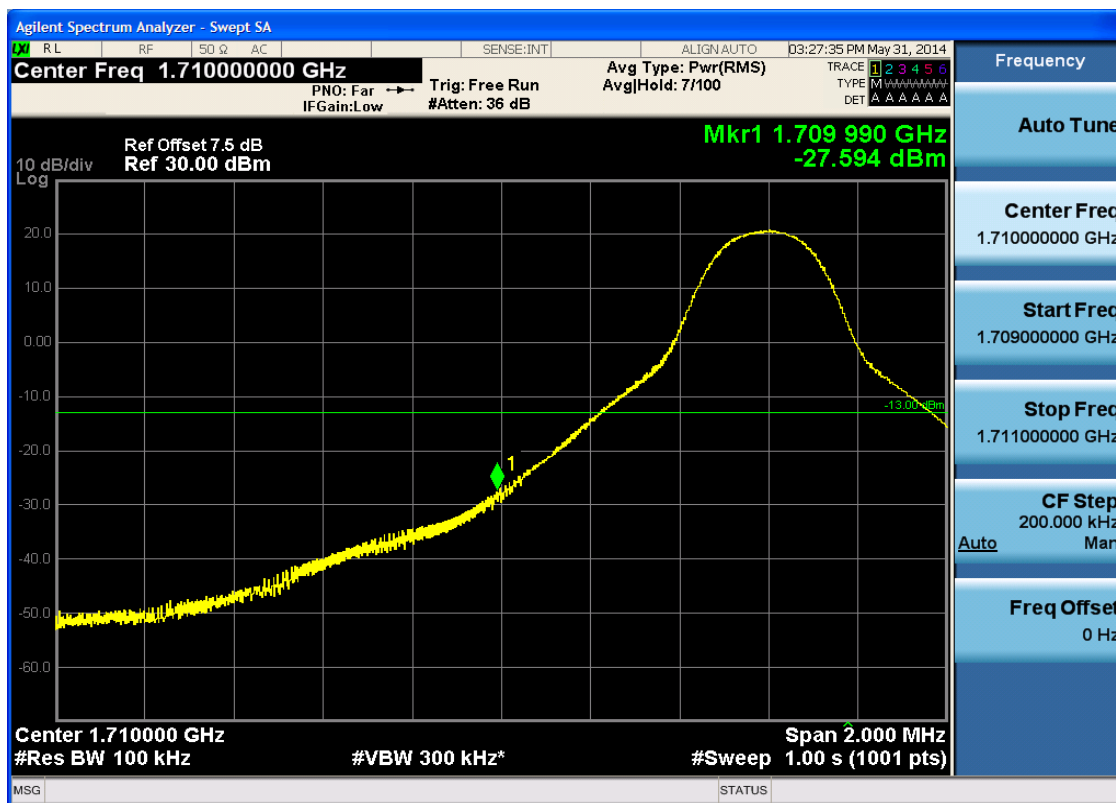
5.3.2.2.3.2.4 Test RB = RB25#0



5.3.2.2.4 Test Bandwidth = 10

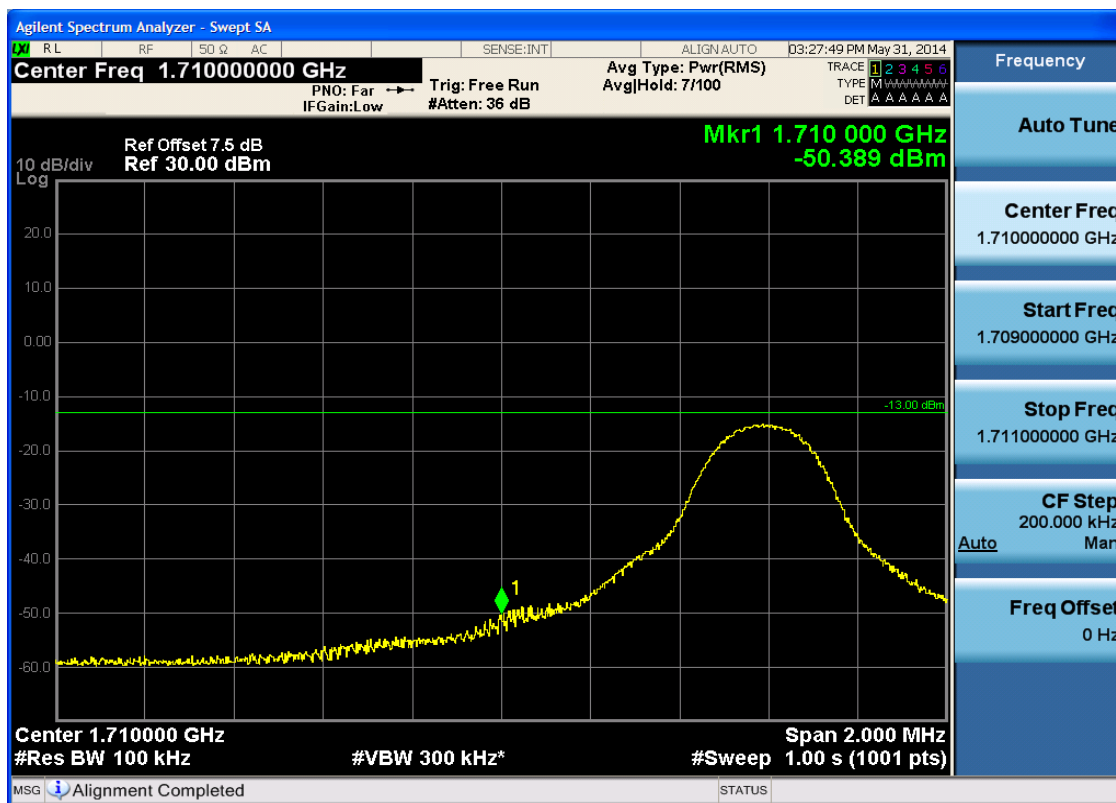
5.3.2.2.4.1 Test Channel = LCH

5.3.2.2.4.1.1 Test RB = RB1#0



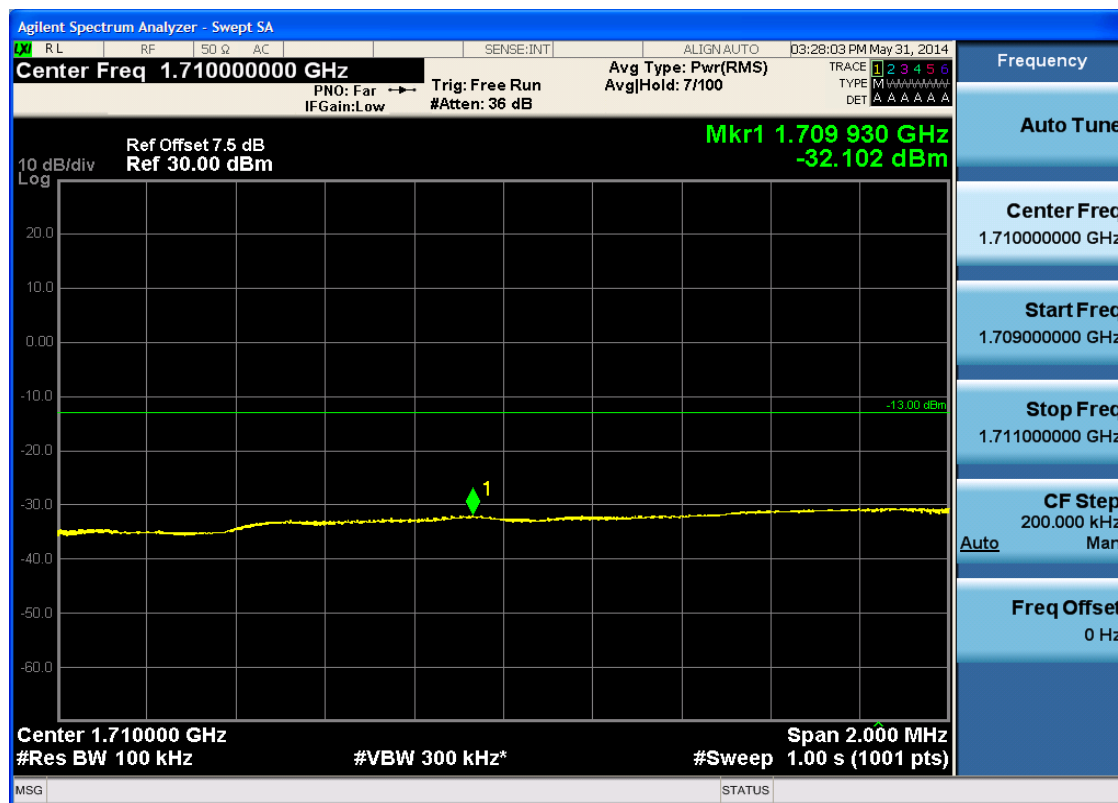


5.3.2.2.4.1.2 Test RB = RB1#49



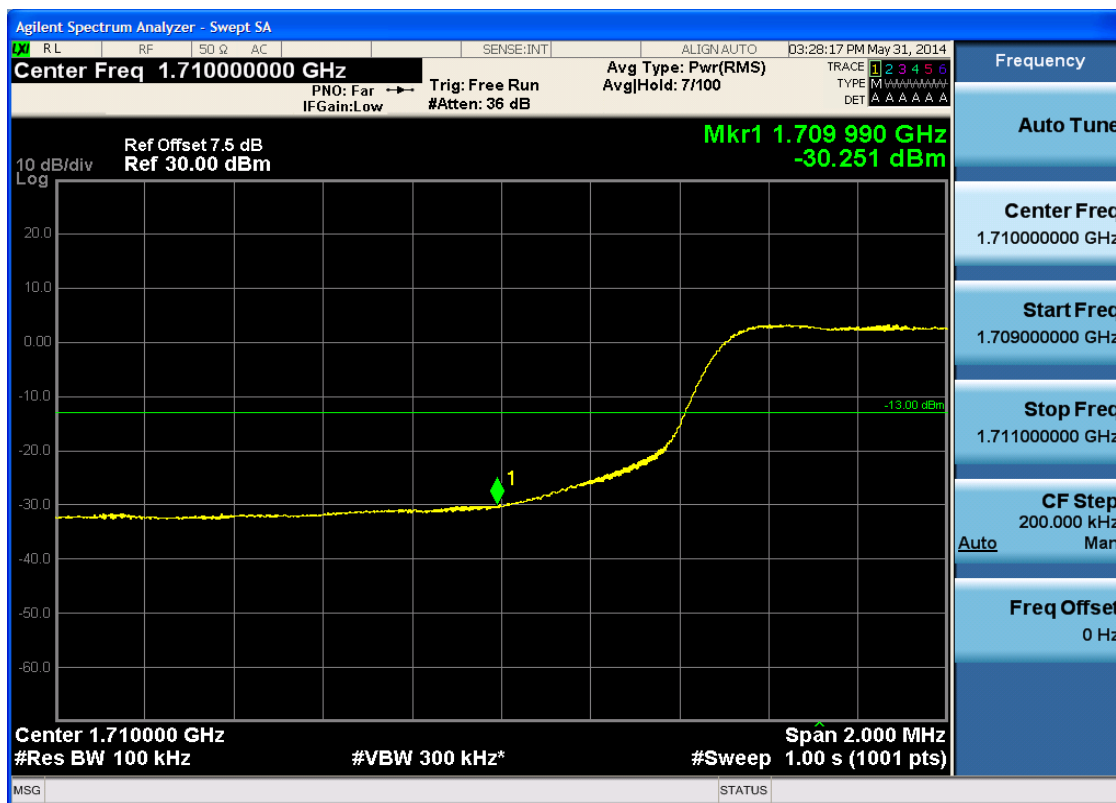


5.3.2.2.4.1.3 Test RB = RB25#13





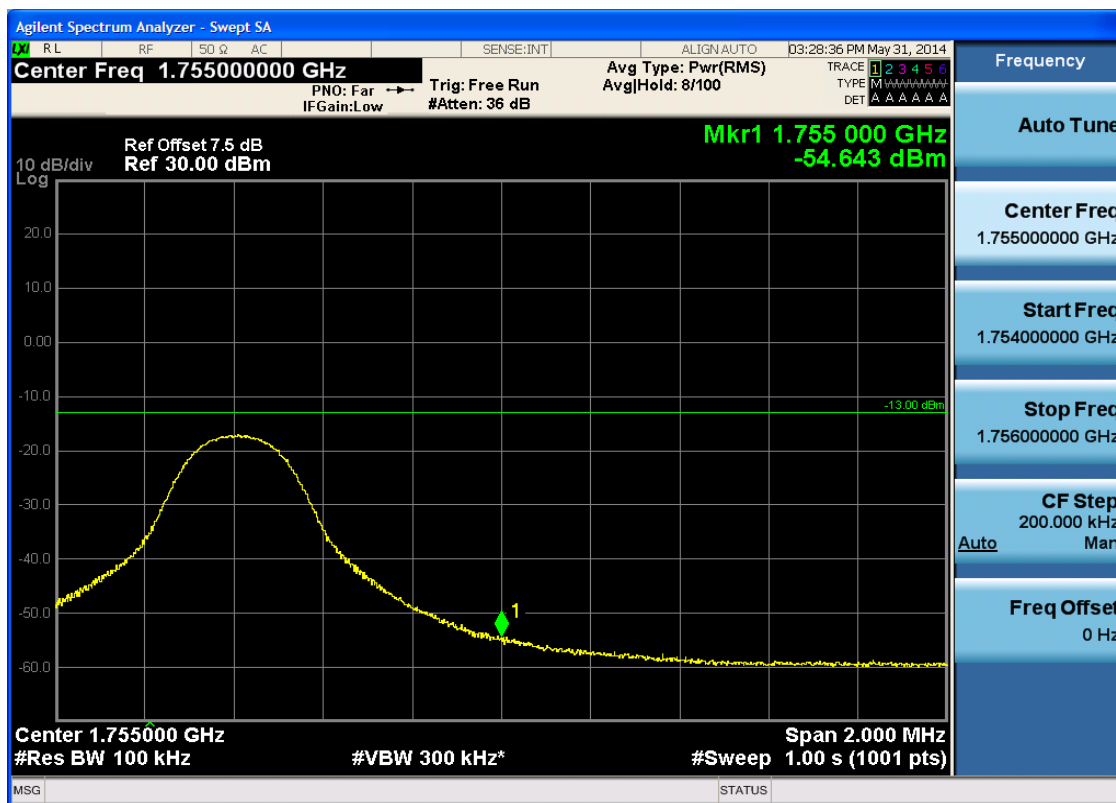
5.3.2.2.4.1.4 Test RB = RB50#0





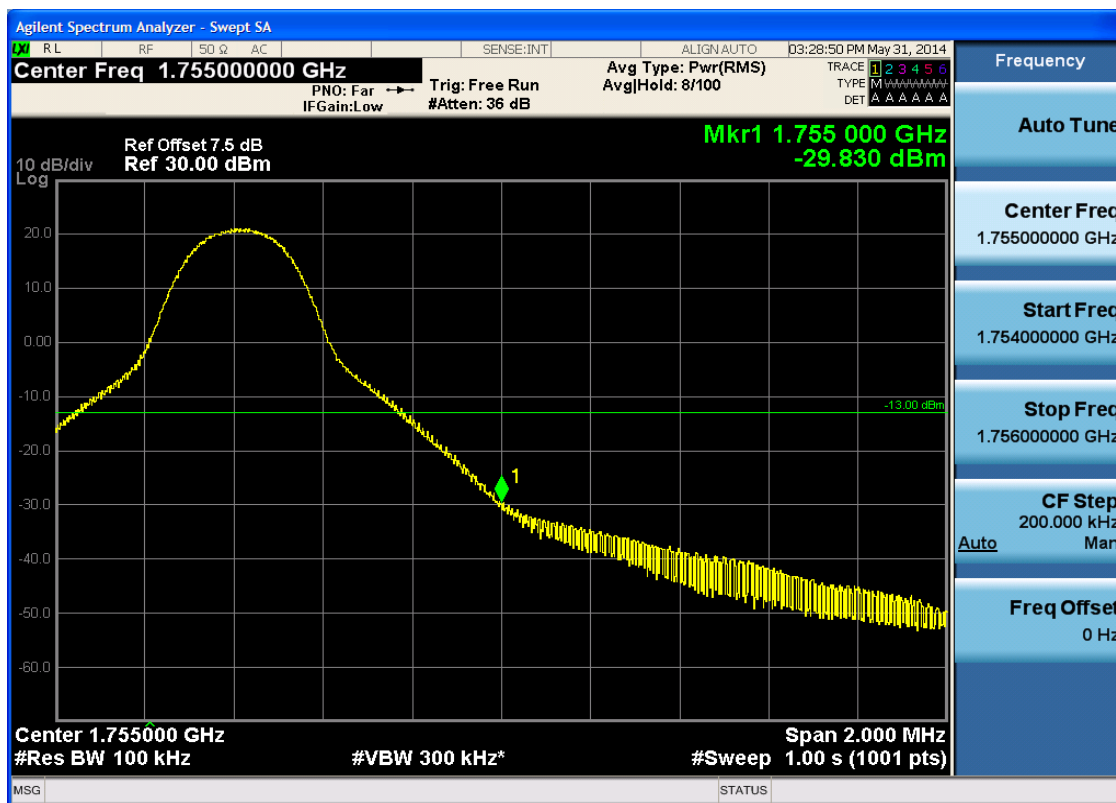
5.3.2.2.4.2 Test Channel = HCH

5.3.2.2.4.2.1 Test RB = RB1#0





5.3.2.2.4.2.2 Test RB = RB1#49



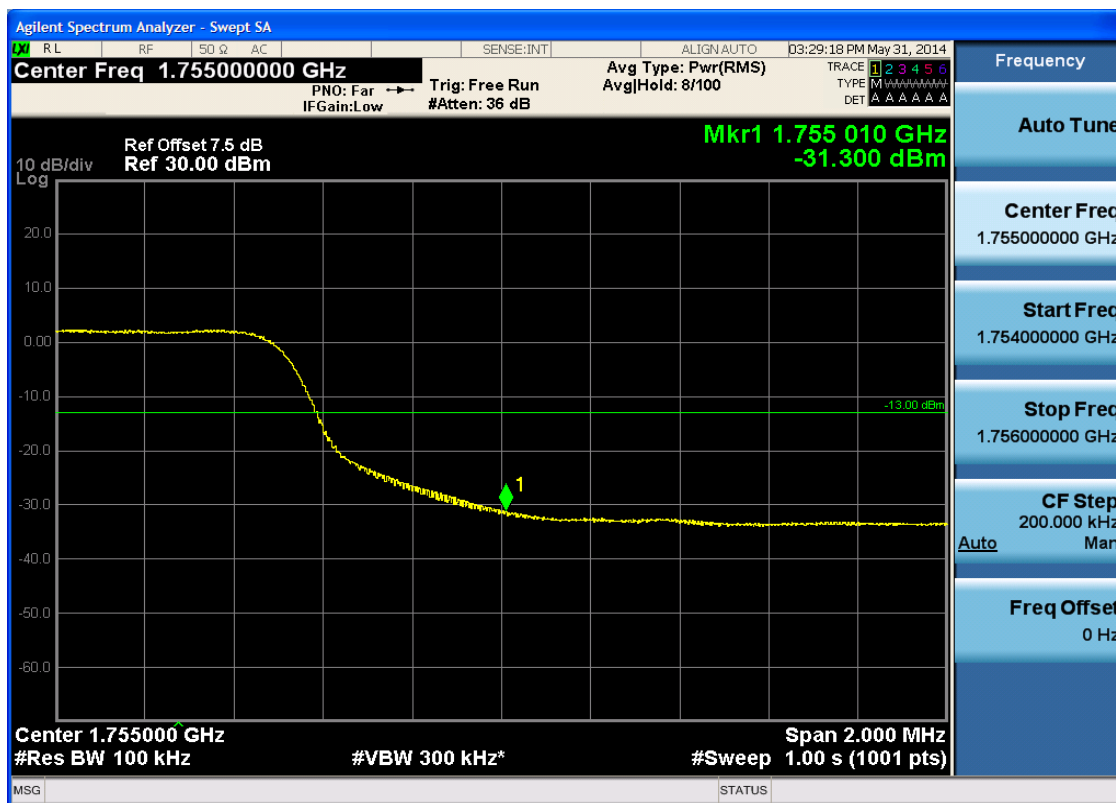


5.3.2.2.4.2.3 Test RB = RB25#13





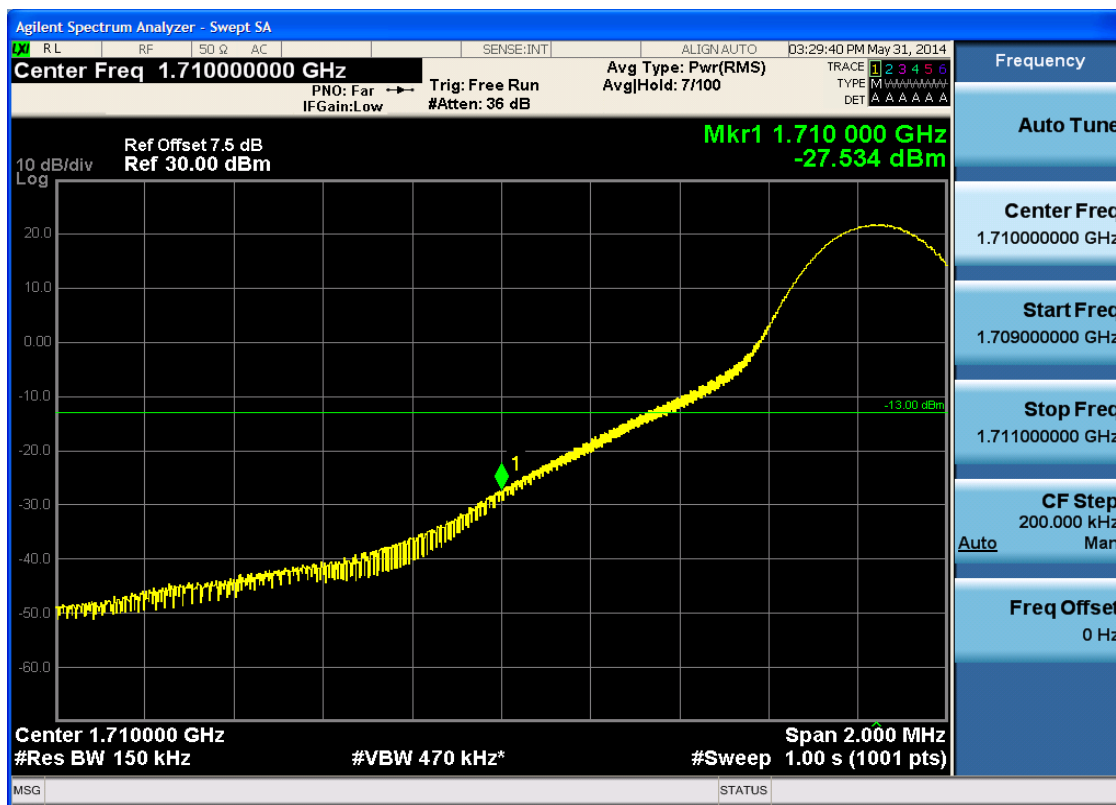
5.3.2.2.4.2.4 Test RB = RB50#0



5.3.2.2.5 Test Bandwidth = 15

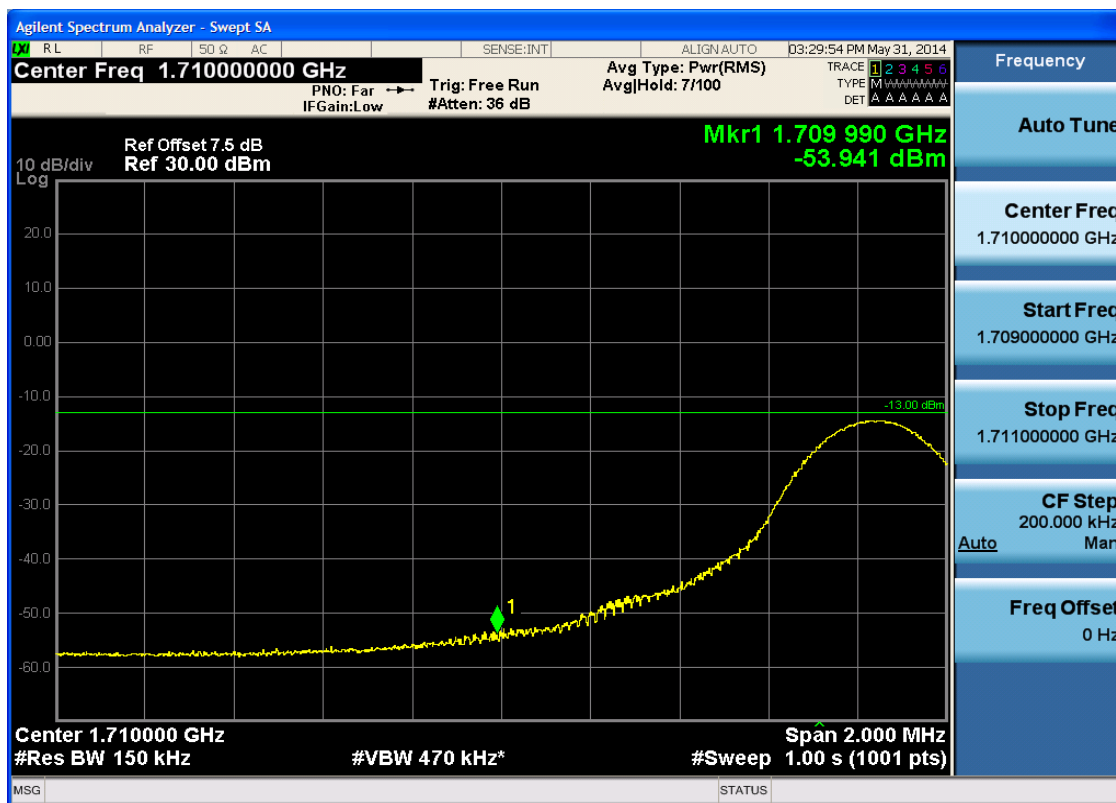
5.3.2.2.5.1 Test Channel = LCH

5.3.2.2.5.1.1 Test RB = RB1#0



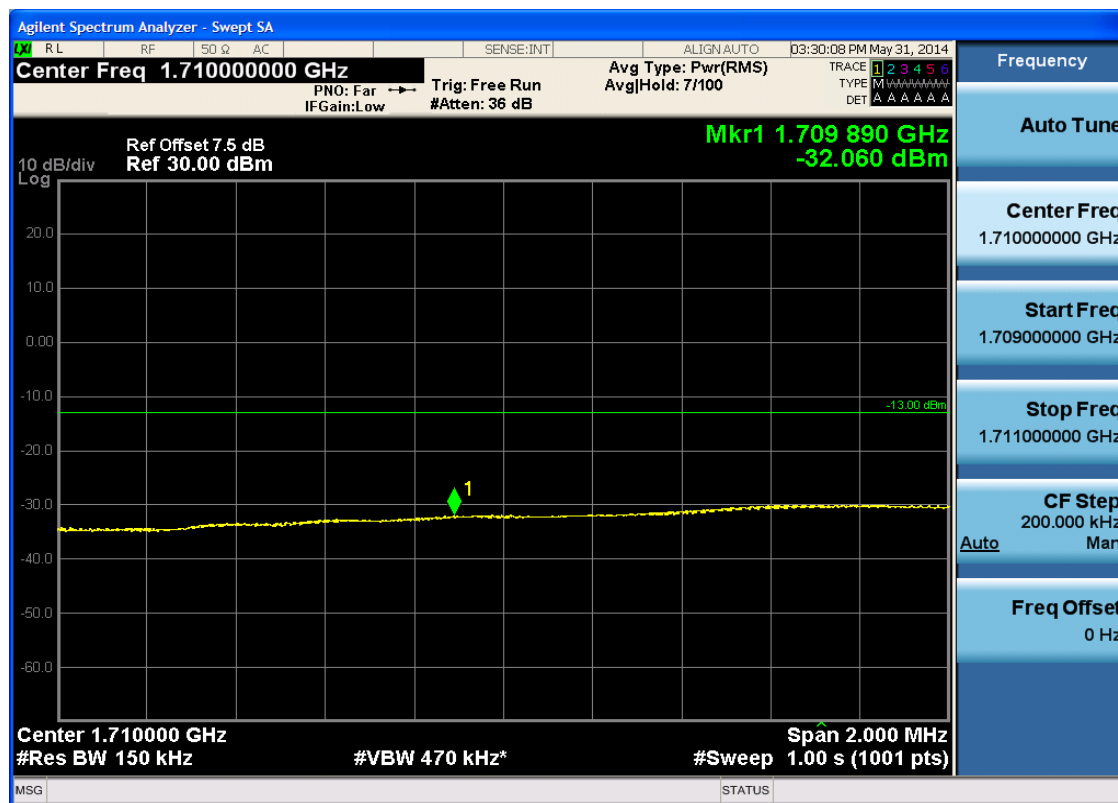


5.3.2.2.5.1.2 Test RB = RB1#74



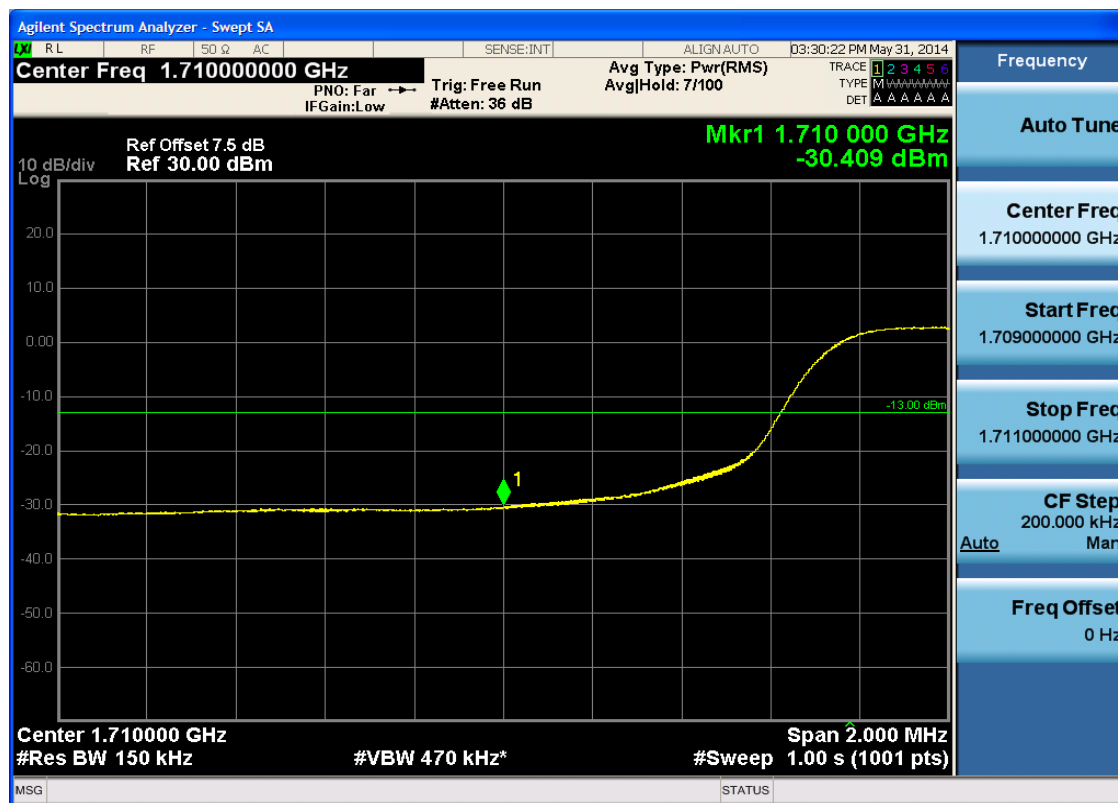


5.3.2.2.5.1.3 Test RB = RB38#19





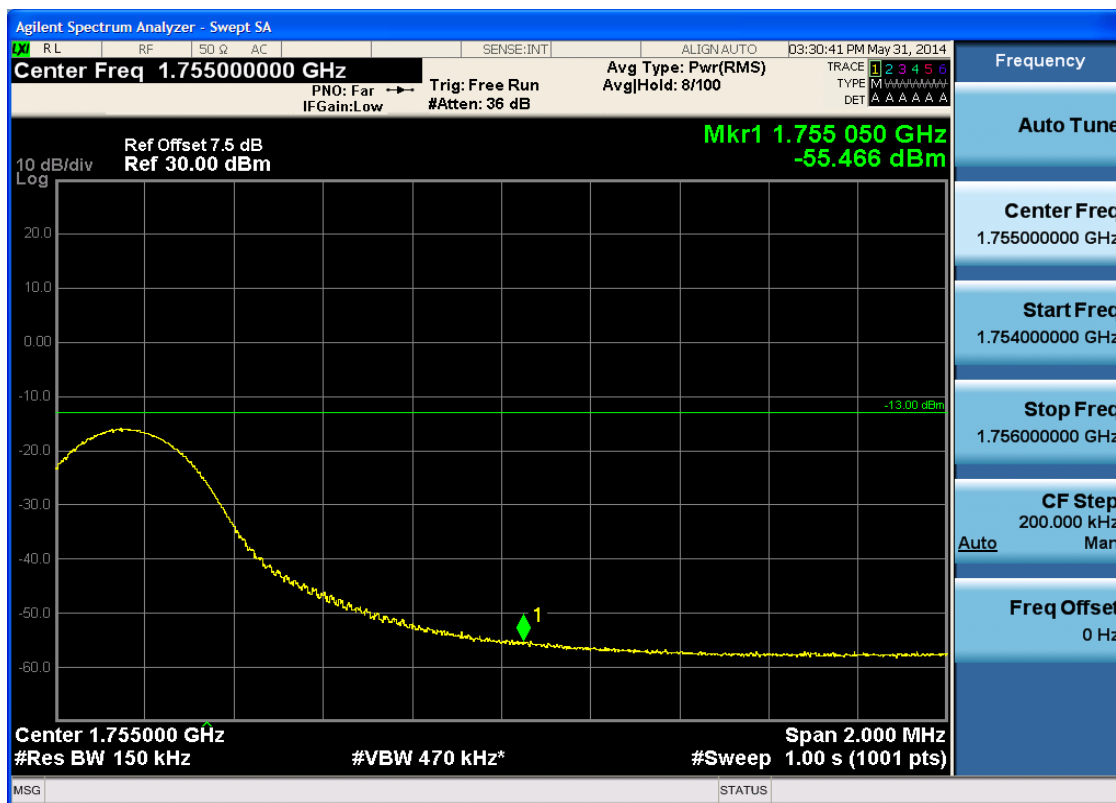
5.3.2.2.5.1.4 Test RB = RB75#0





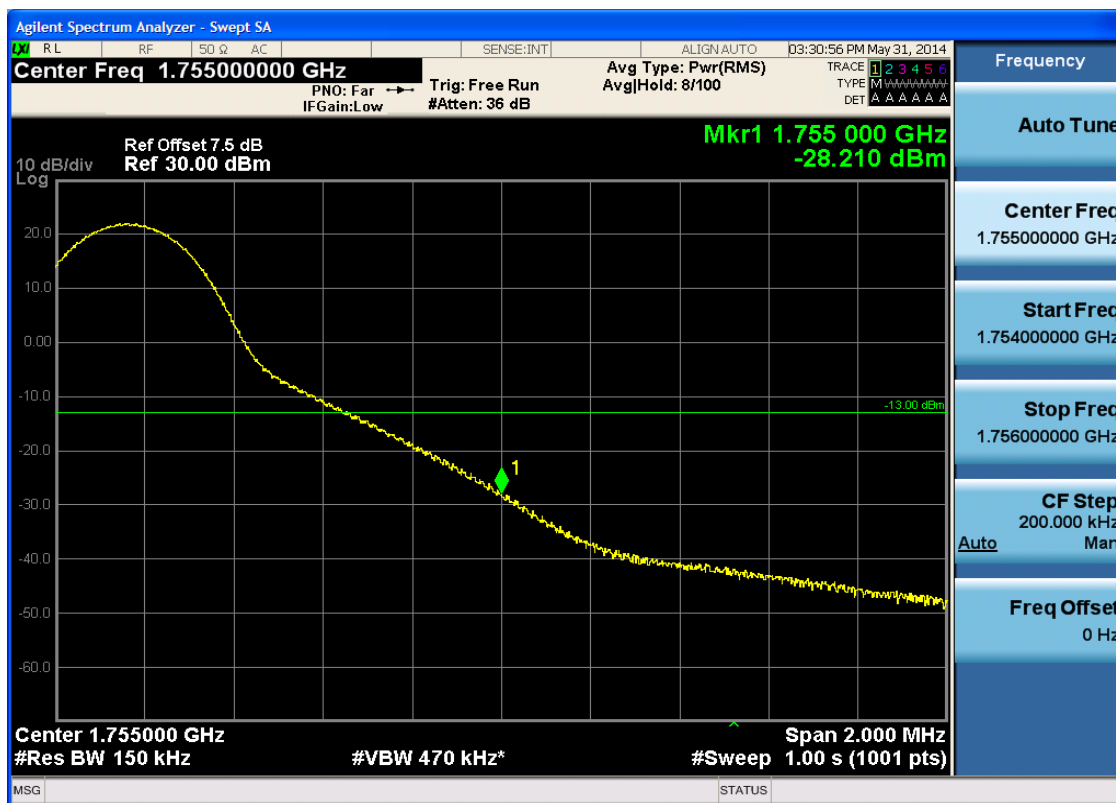
5.3.2.2.5.2 Test Channel = HCH

5.3.2.2.5.2.1 Test RB = RB1#0



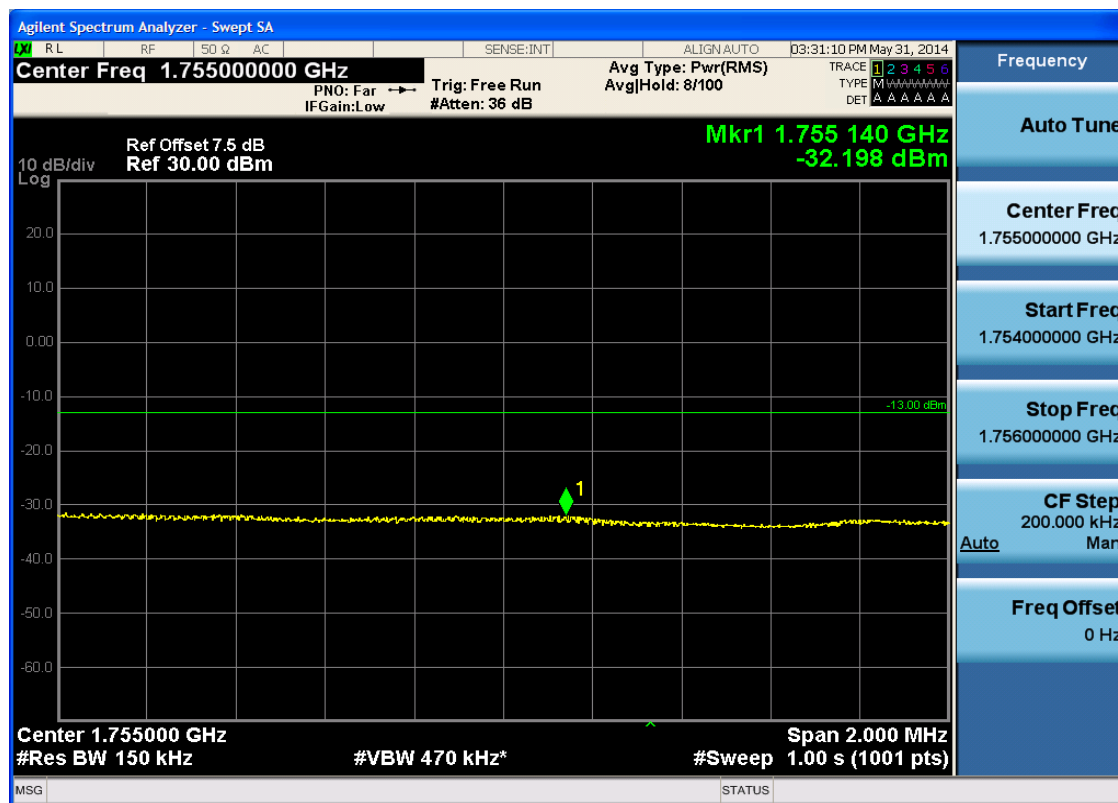


5.3.2.2.5.2.2 Test RB = RB1#74



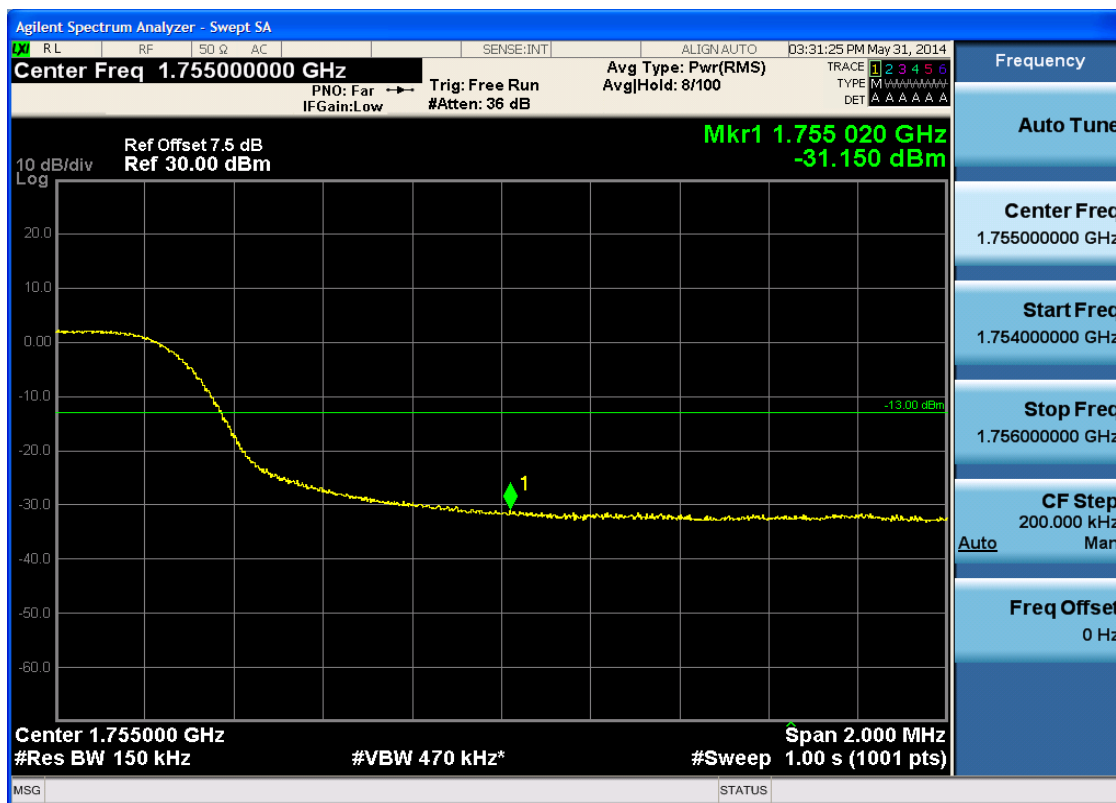


5.3.2.2.5.2.3 Test RB = RB38#19





5.3.2.2.5.2.4 Test RB = RB75#0

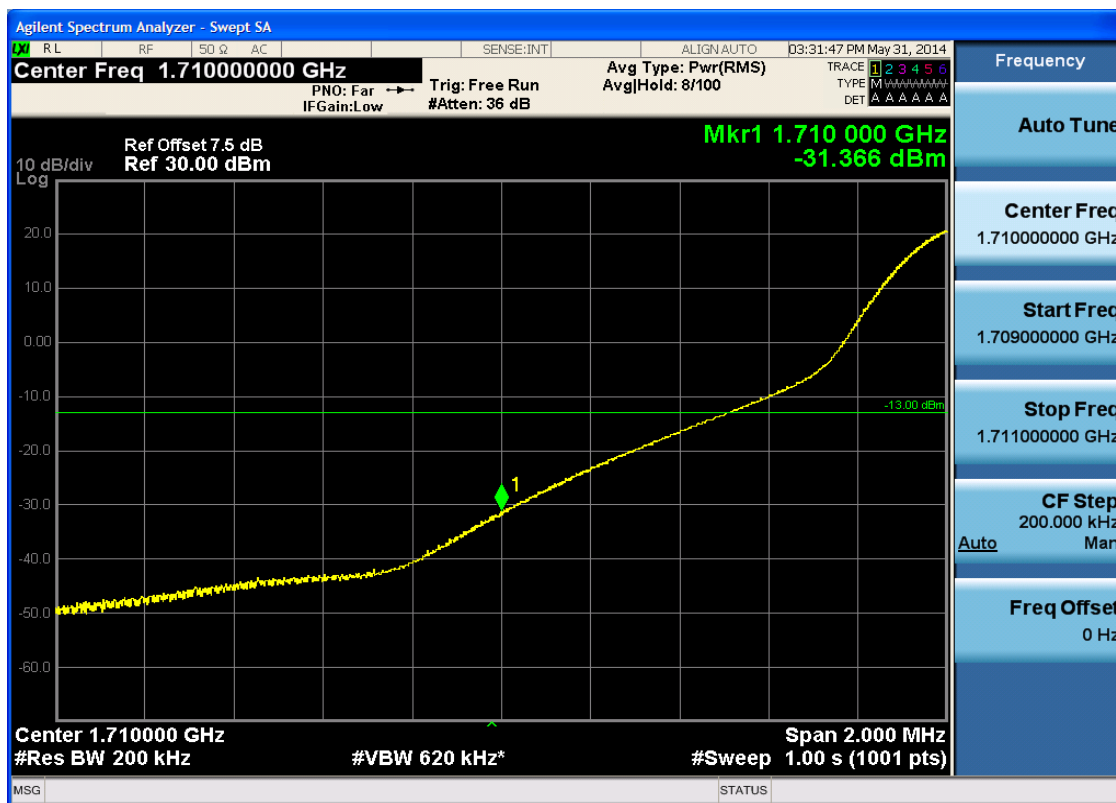




5.3.2.2.6 Test Bandwidth = 20

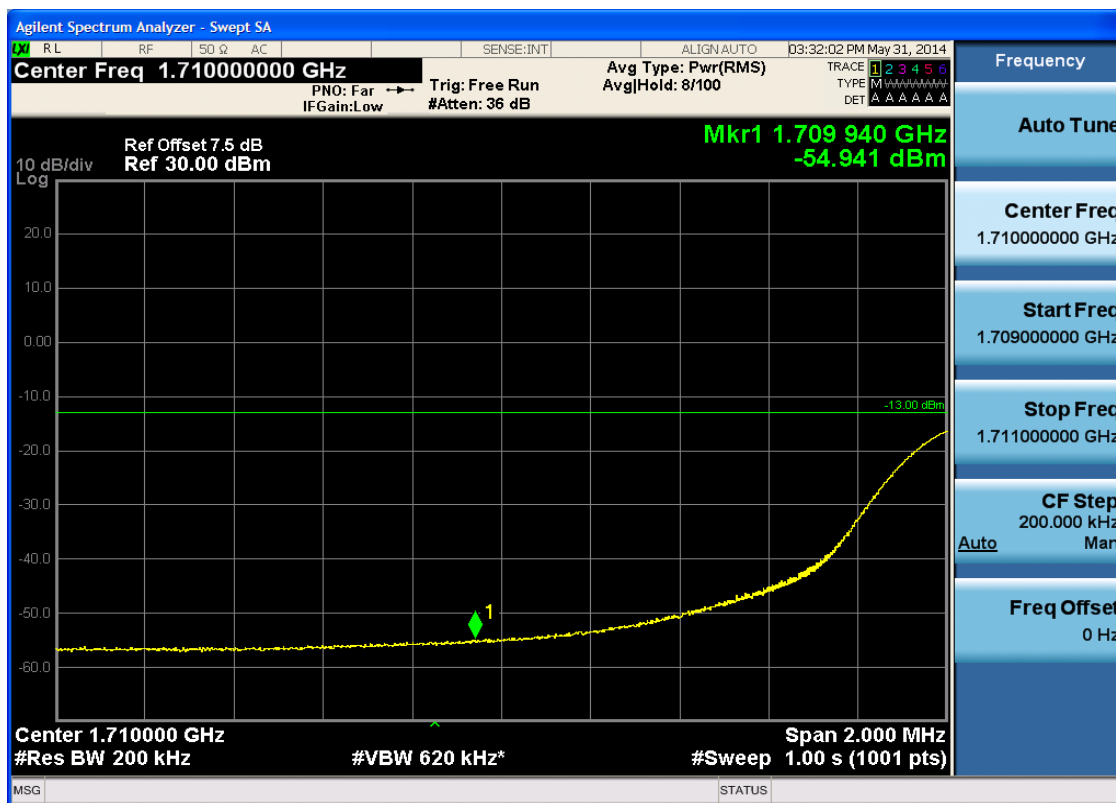
5.3.2.2.6.1 Test Channel = LCH

5.3.2.2.6.1.1 Test RB = RB1#0



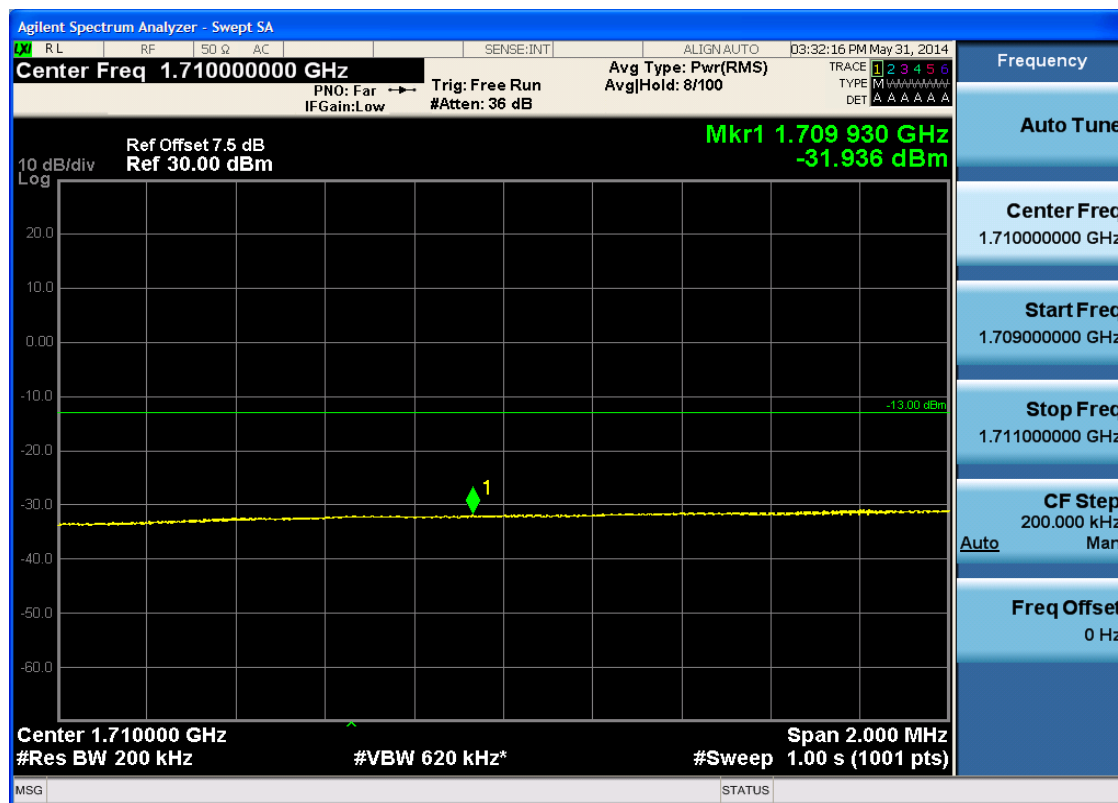


5.3.2.2.6.1.2 Test RB = RB1#99



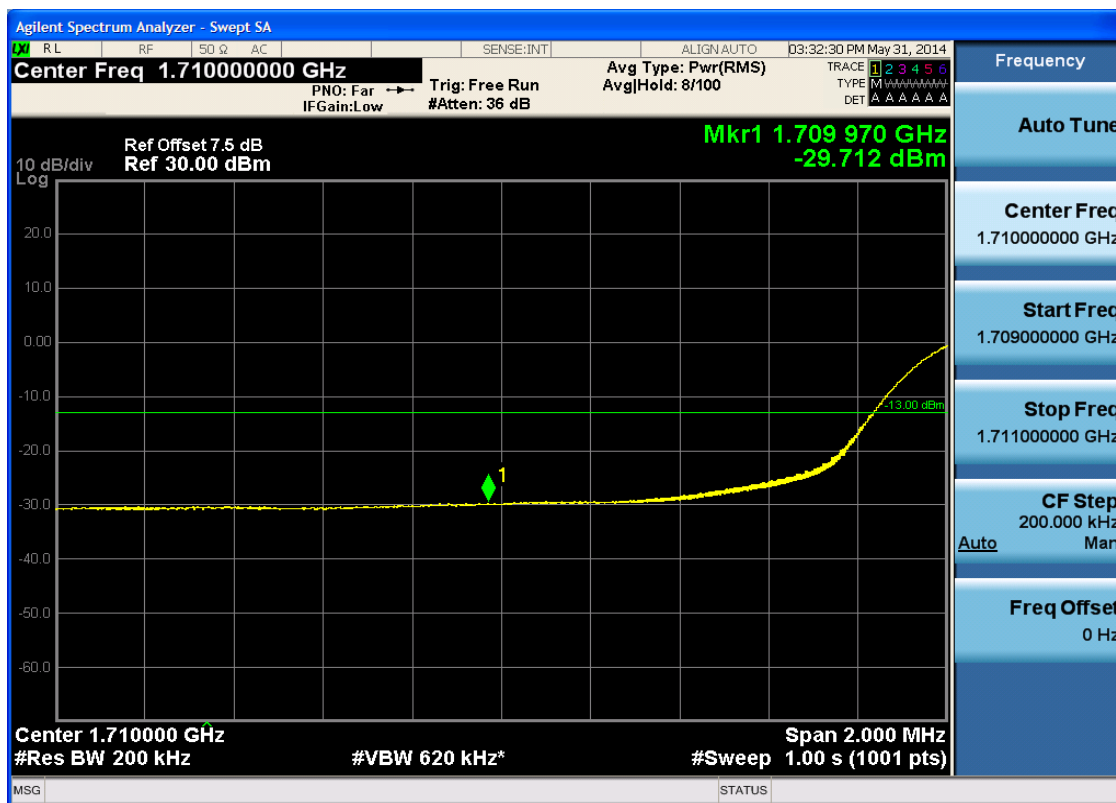


5.3.2.2.6.1.3 Test RB = RB50#25





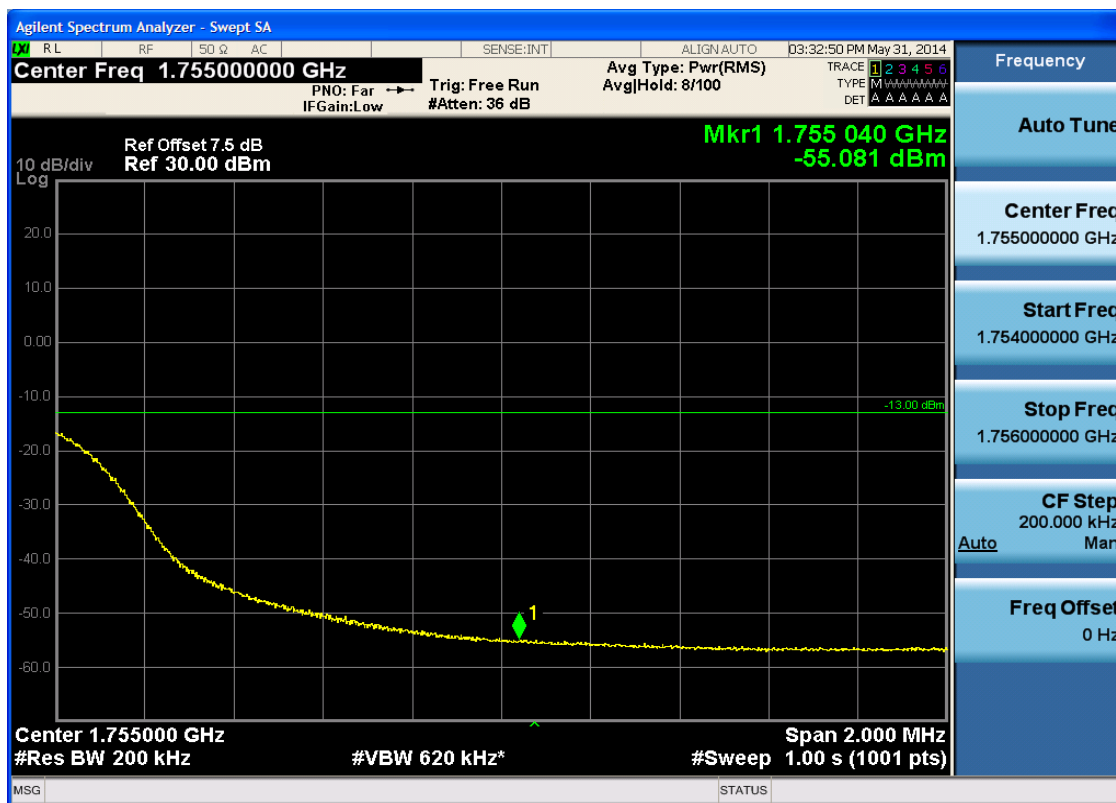
5.3.2.2.6.1.4 Test RB = RB100#0





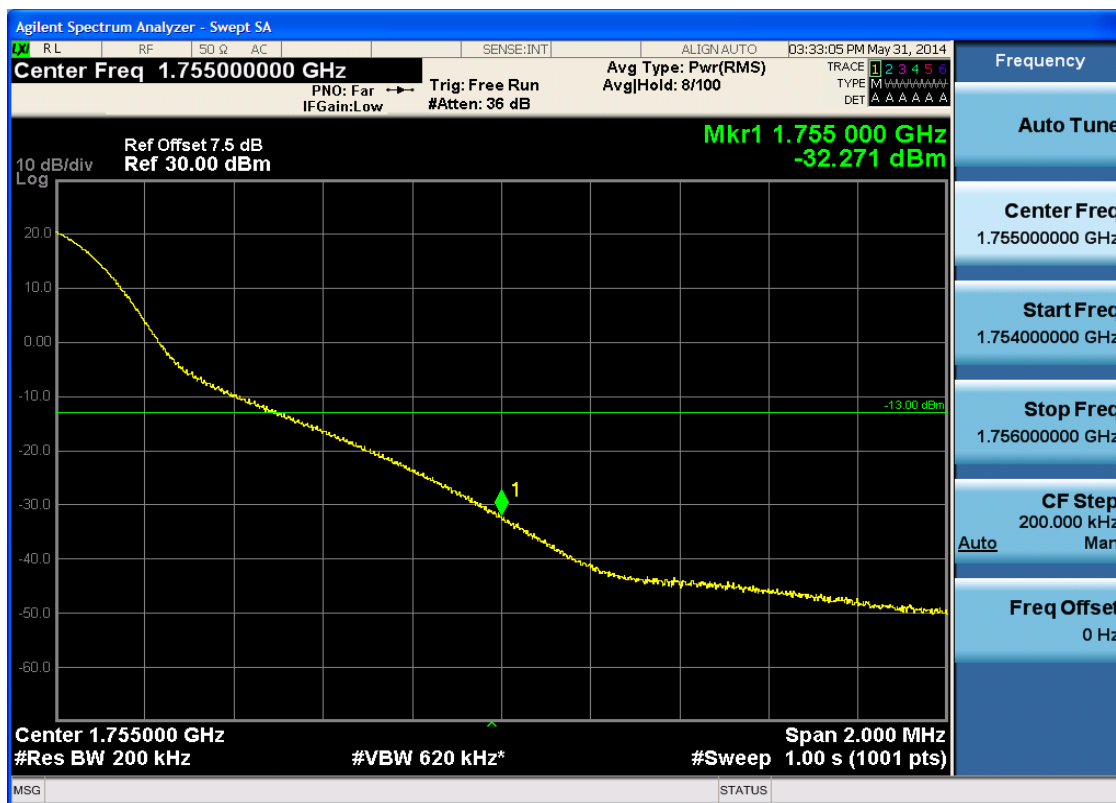
5.3.2.2.6.2 Test Channel = HCH

5.3.2.2.6.2.1 Test RB = RB1#0



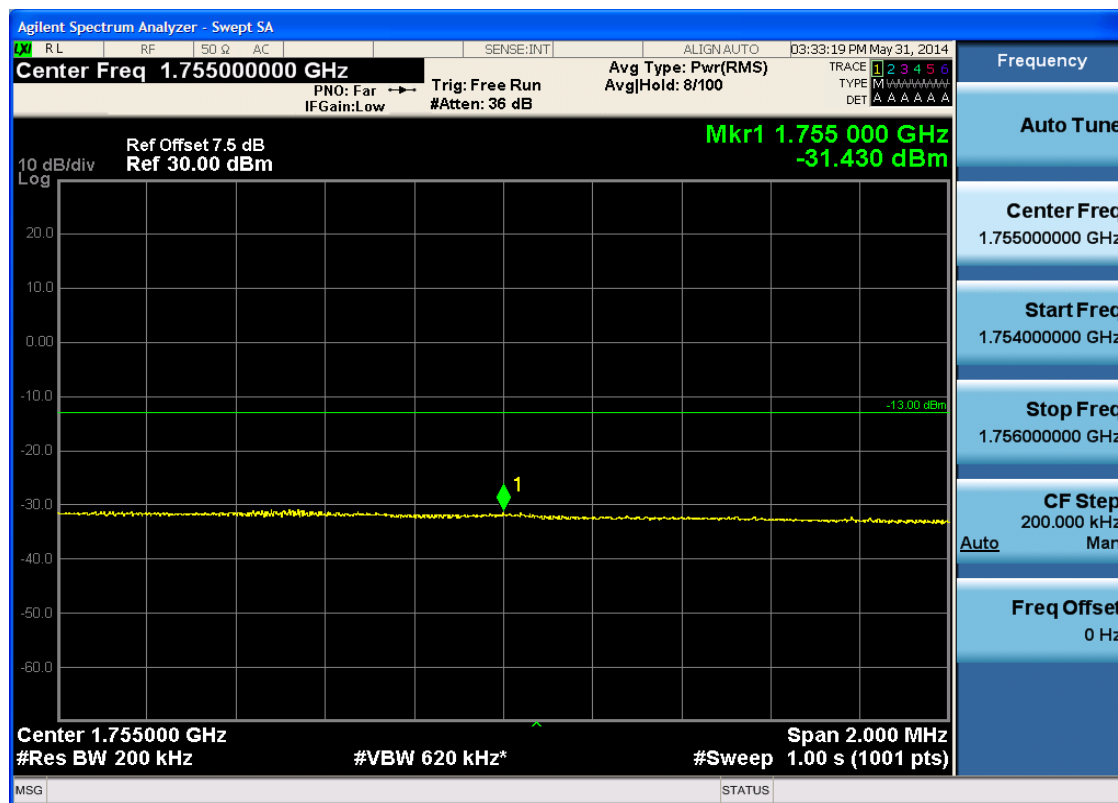


5.3.2.2.6.2.2 Test RB = RB1#99



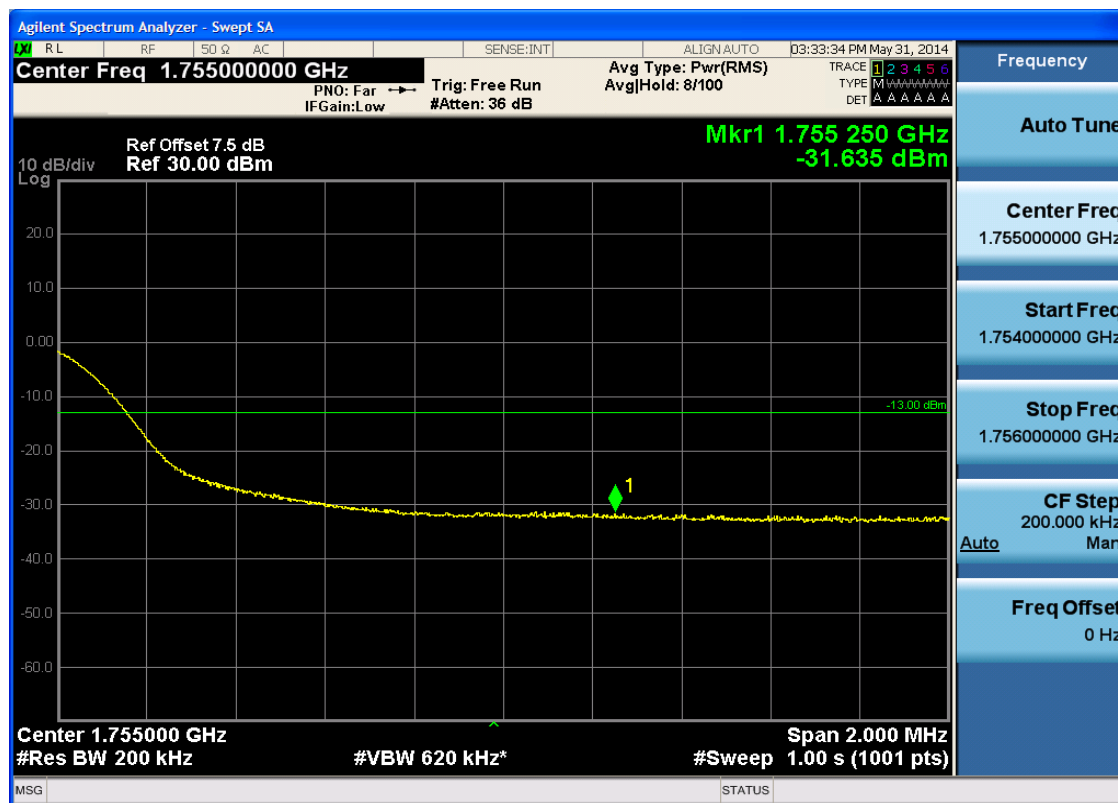


5.3.2.2.6.2.3 Test RB = RB50#25





5.3.2.2.6.2.4 Test RB = RB100#0



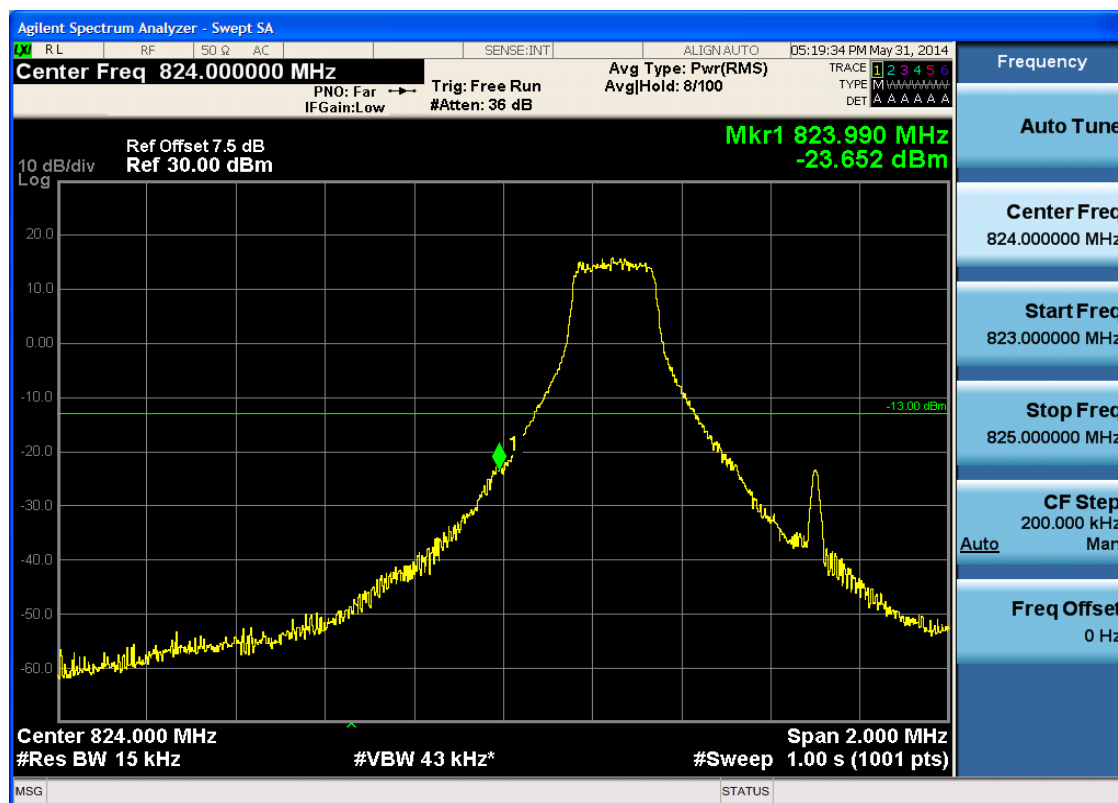
5.3.3 Test Band = BAND5

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



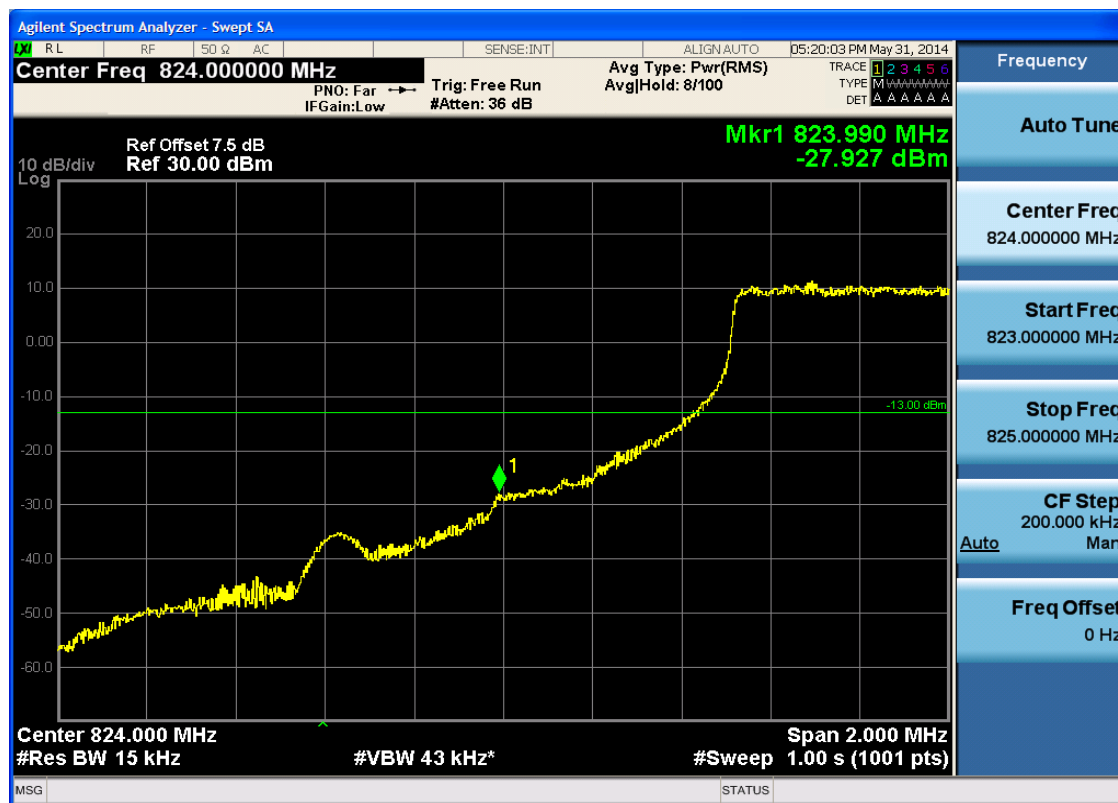


5.3.3.1.1.2 Test RB = RB1#5



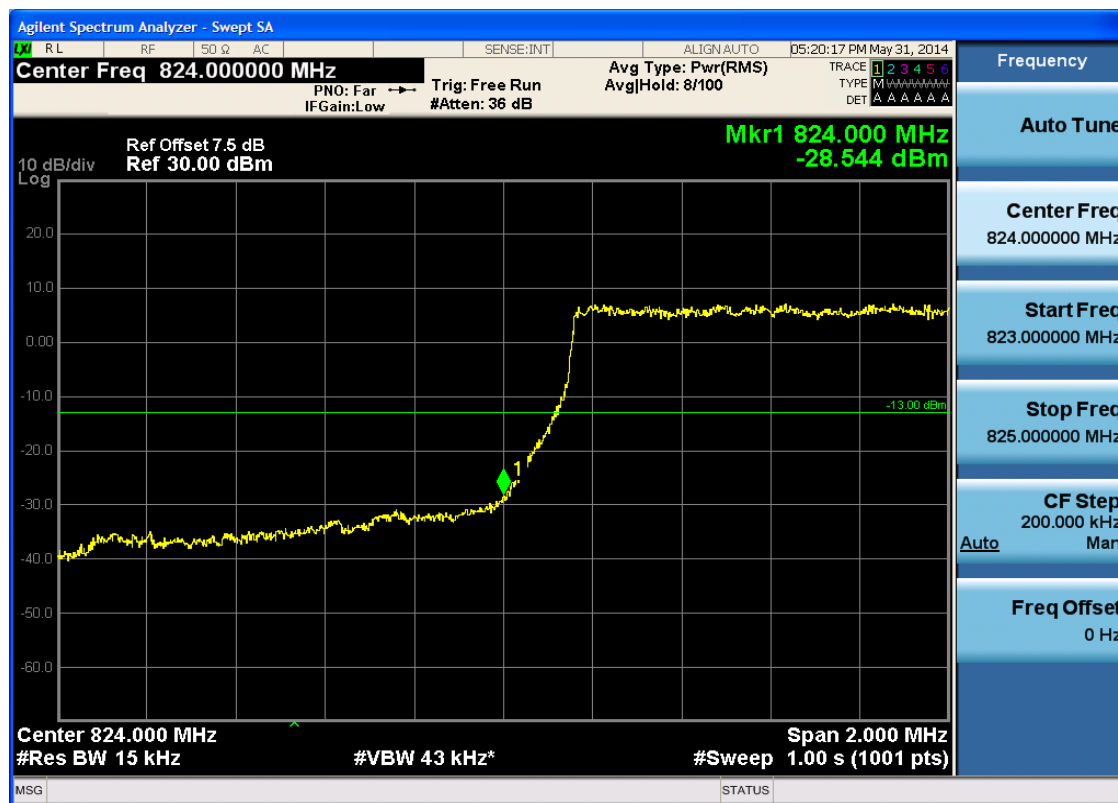


5.3.3.1.1.3 Test RB = RB3#2





5.3.3.1.1.4 Test RB = RB6#0

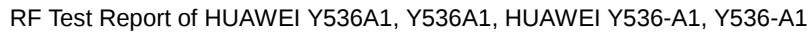




5.3.3.1.1.2 Test Channel = HCH

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 -21.000 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





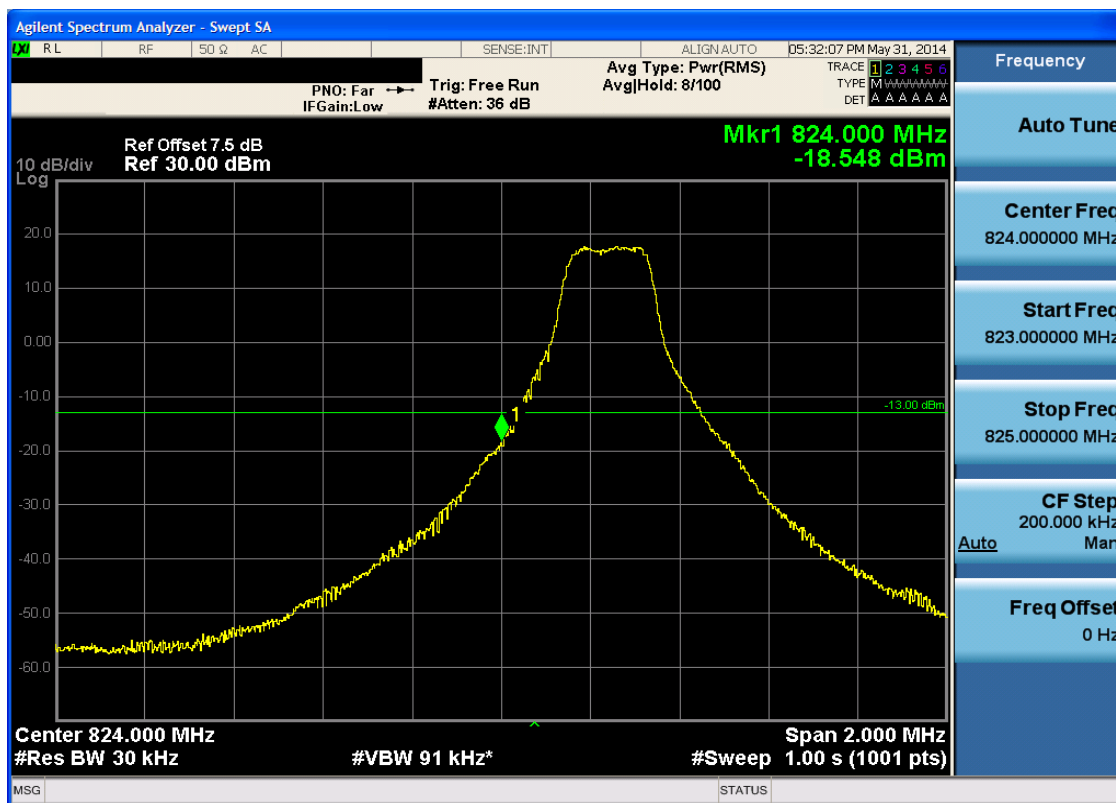
5.3.3.1.1.2.4 Test RB = RB6#0

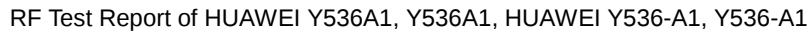


5.3.3.1.2 Test Bandwidth = 3

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

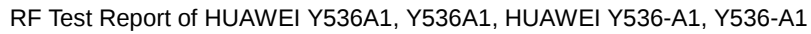
PNO: Far → Trig: Free Run Avg Type: Pwr(RMS) TRAC 1 2 3 4 5 6
IFGain:Low #Atten: 36 dB Avg|Hold: 8/100 TYPE M W W W W W W W W W W W W W W W W
DET A A A A A A A

Ref Offset 7.5 dB Mkr1 823.010 MHz
Ref 30.00 dBm -44.528 dBm

10 dB/div Log

Center 824.000 MHz Span 2.000 MHz
#Res BW 30 kHz #VBW 91 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 Man
Auto
Freq Offset 0 Hz



Agilent Spectrum Analyzer - Swept SA

Frequency

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

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 A A A A A A
DET A A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 824.000 MHz
-32.813 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 30 kHz

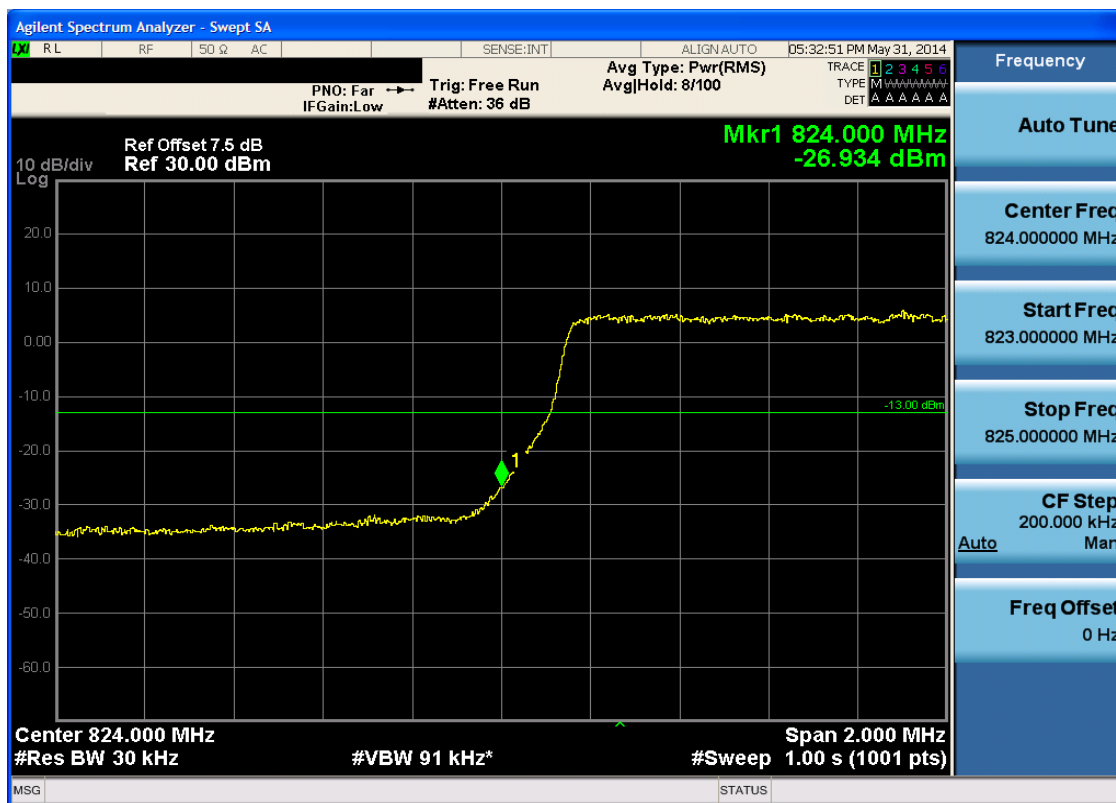
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS



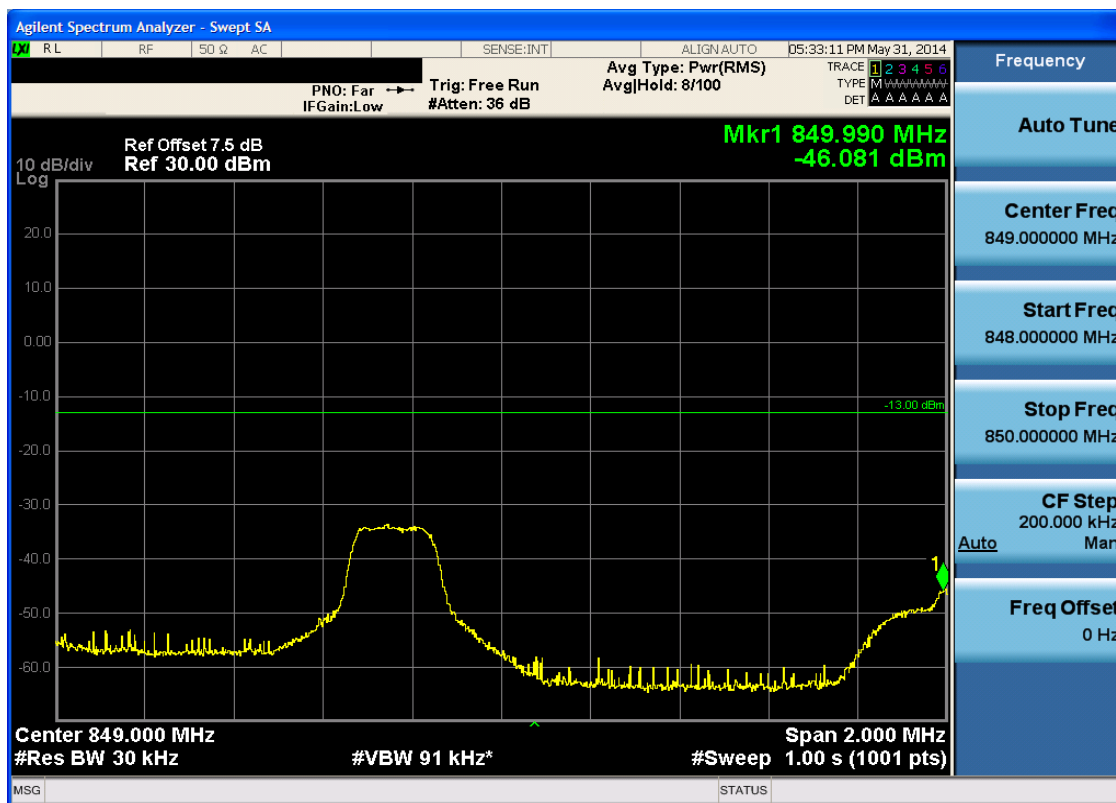
5.3.3.1.2.1.4 Test RB = RB15#0

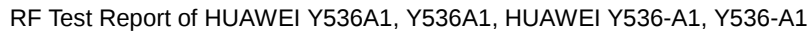




5.3.3.1.2.2 Test Channel = HCH

5.3.3.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

[X] R L	RF	50 Ω	AC		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 M W W W W W W W W W
DET A A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 849.010 MHz
-17.475 dBm

10 dB/div
Log

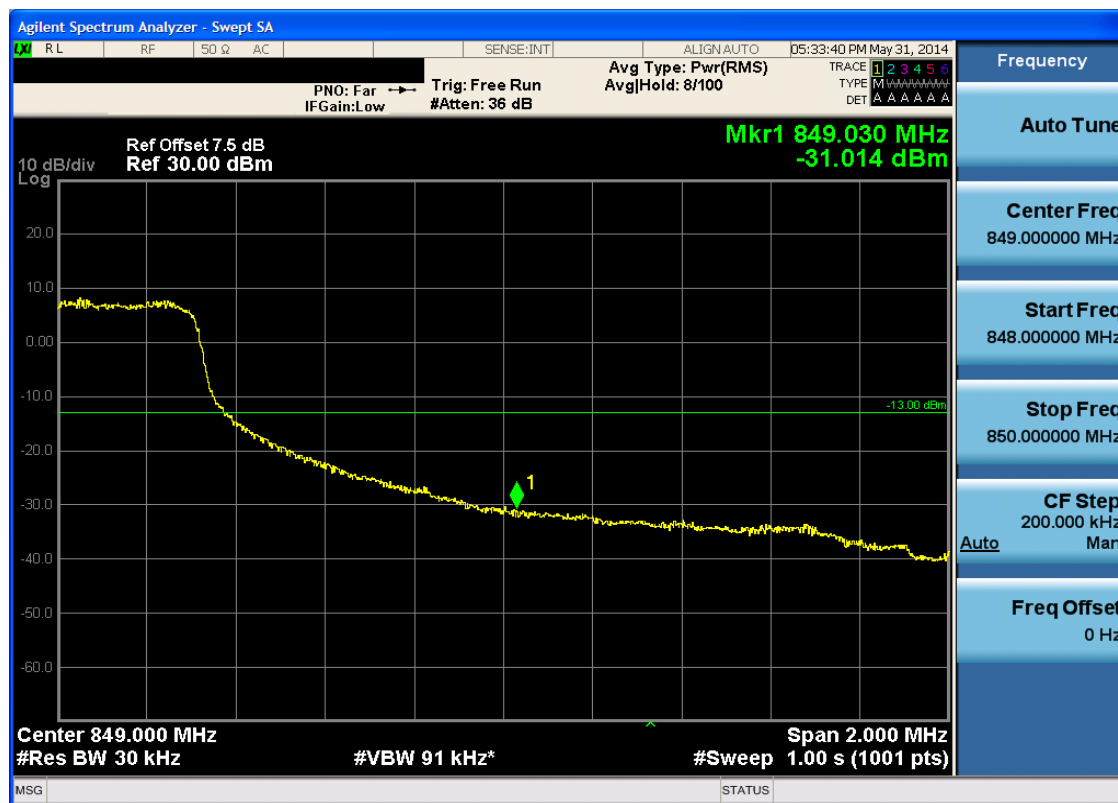
Center 849.000 MHz
#Res BW 30 kHz
#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

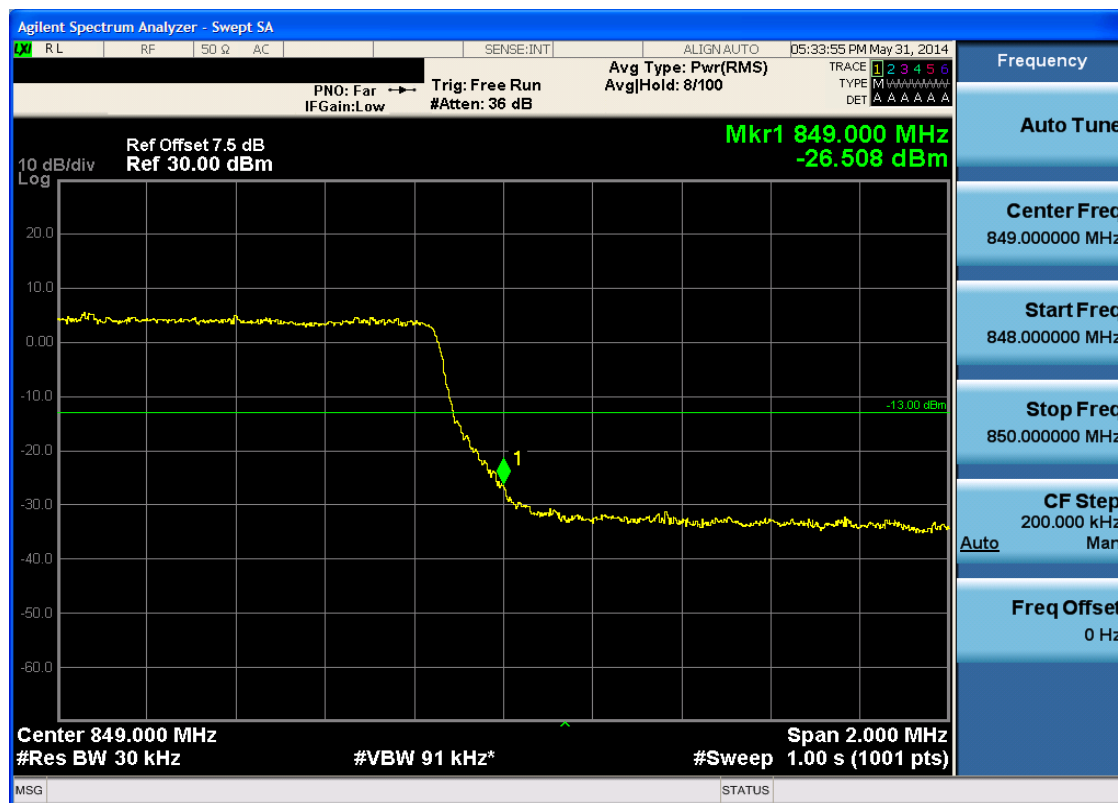


5.3.3.1.2.2.3 Test RB = RB8#4





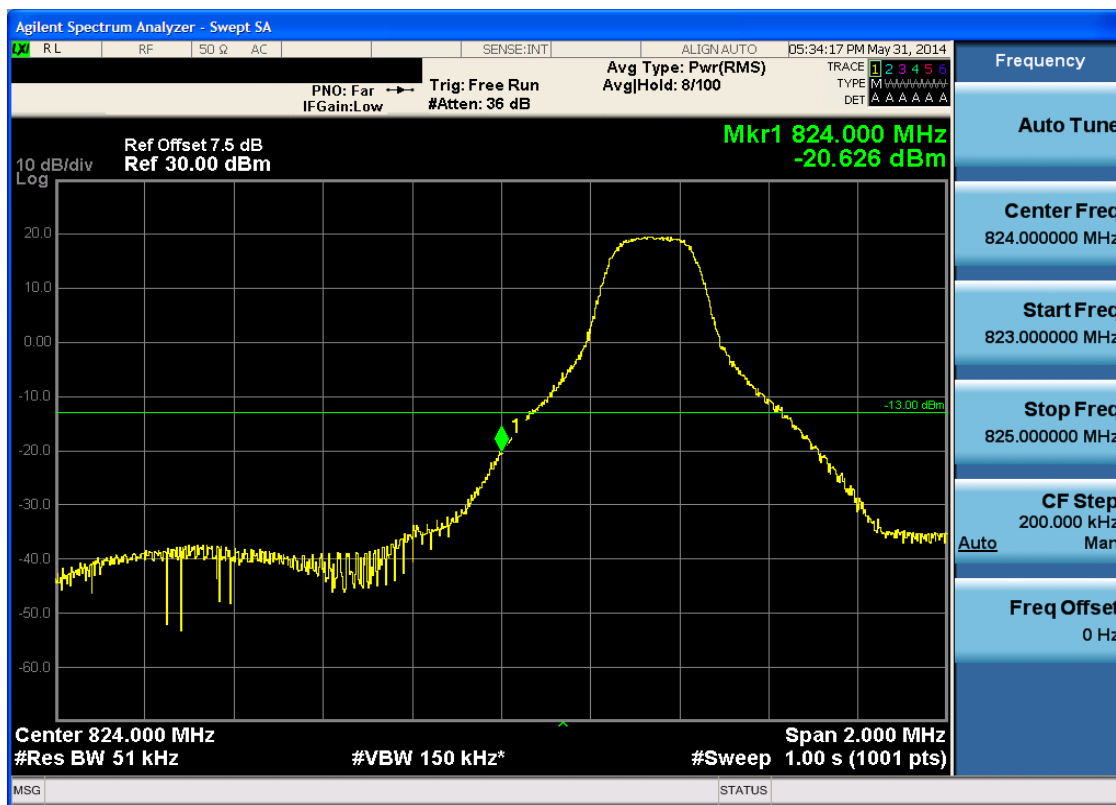
5.3.3.1.2.2.4 Test RB = RB15#0



5.3.3.1.3 Test Bandwidth = 5

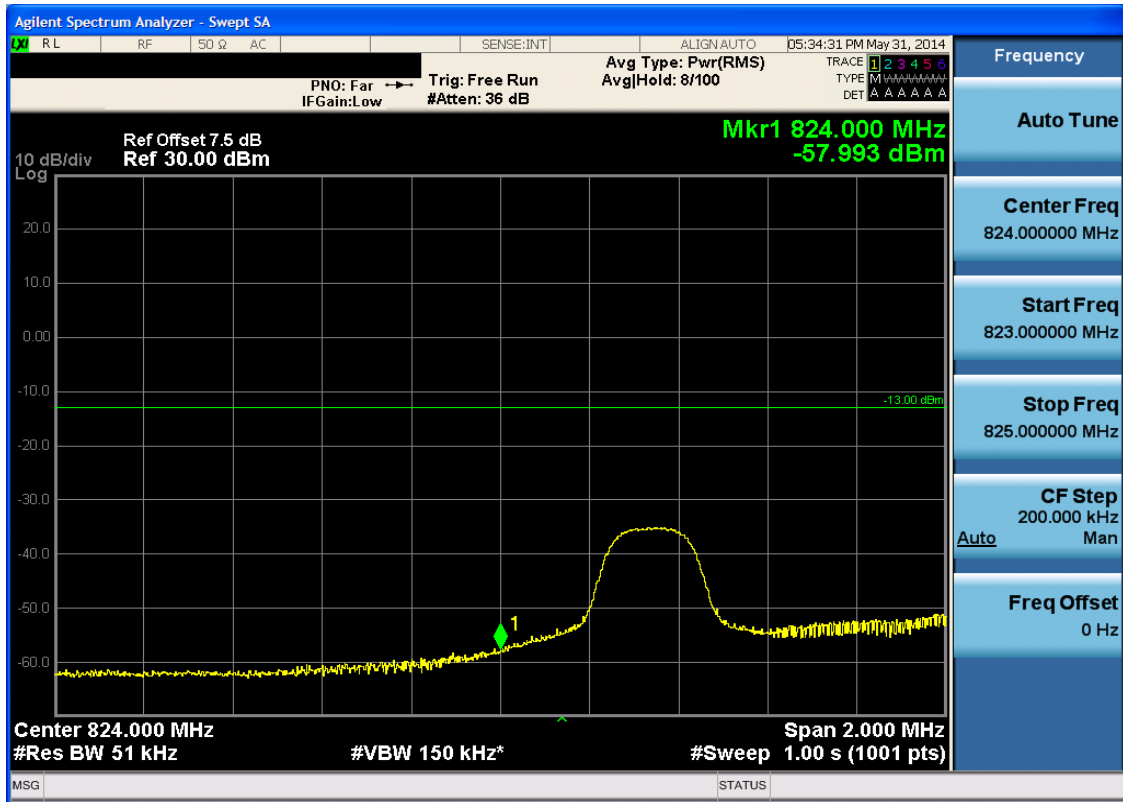
5.3.3.1.3.1 Test Channel = LCH

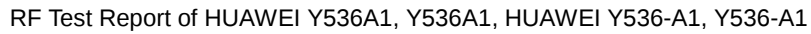
5.3.3.1.3.1.1 Test RB = RB1#0





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

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

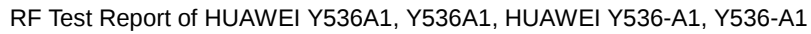
TRACE 1 2 3 4 5 6
TYPE M W W W W W W W
DET A A A A A A

Ref Offset 7.5 dB
Ref 30.00 dBm

Mkr1 823.910 MHz
-34.157 dBm

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

MSG Alignment Completed STATUS



Agilent Spectrum Analyzer - Swept SA

RL 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 W W W W W W W W W
 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

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

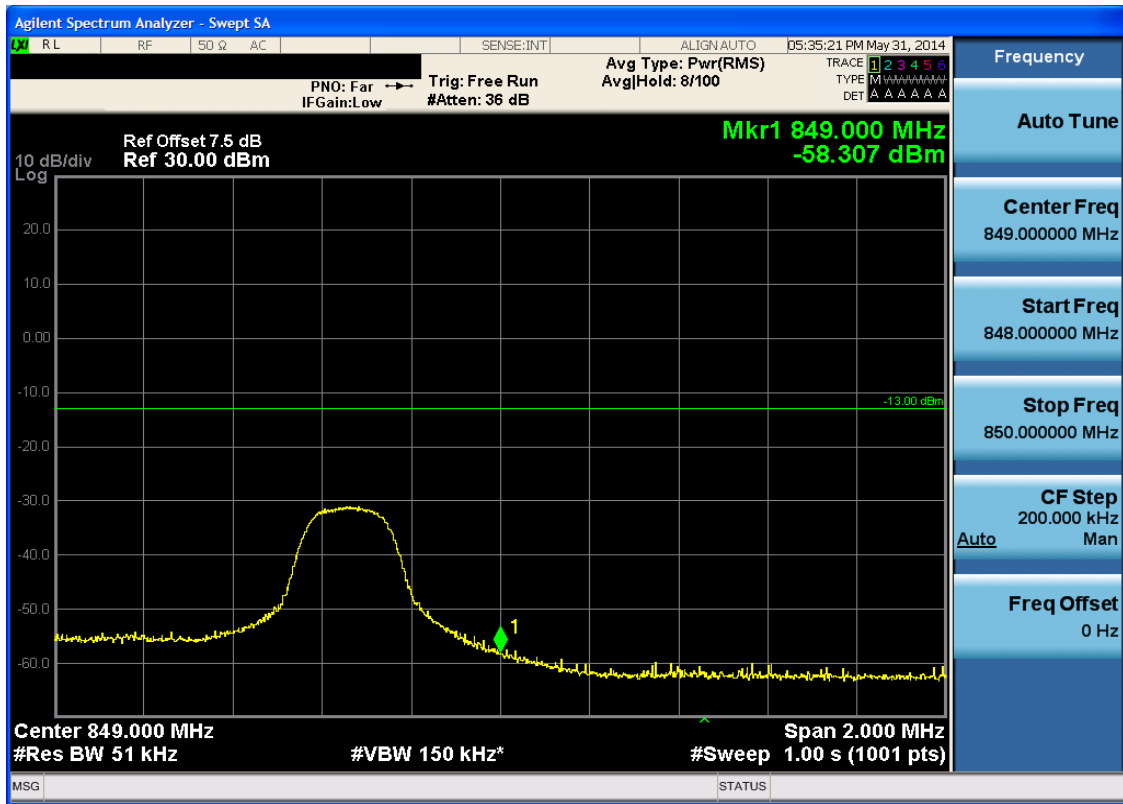
CF Step
 200.000 kHz
 Man

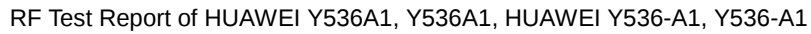
Freq Offset
 0 Hz



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



5.3.3.1.3.2.3 Test RB = RB12#6





5.3.3.1.3.2.4 Test RB = RB25#0

