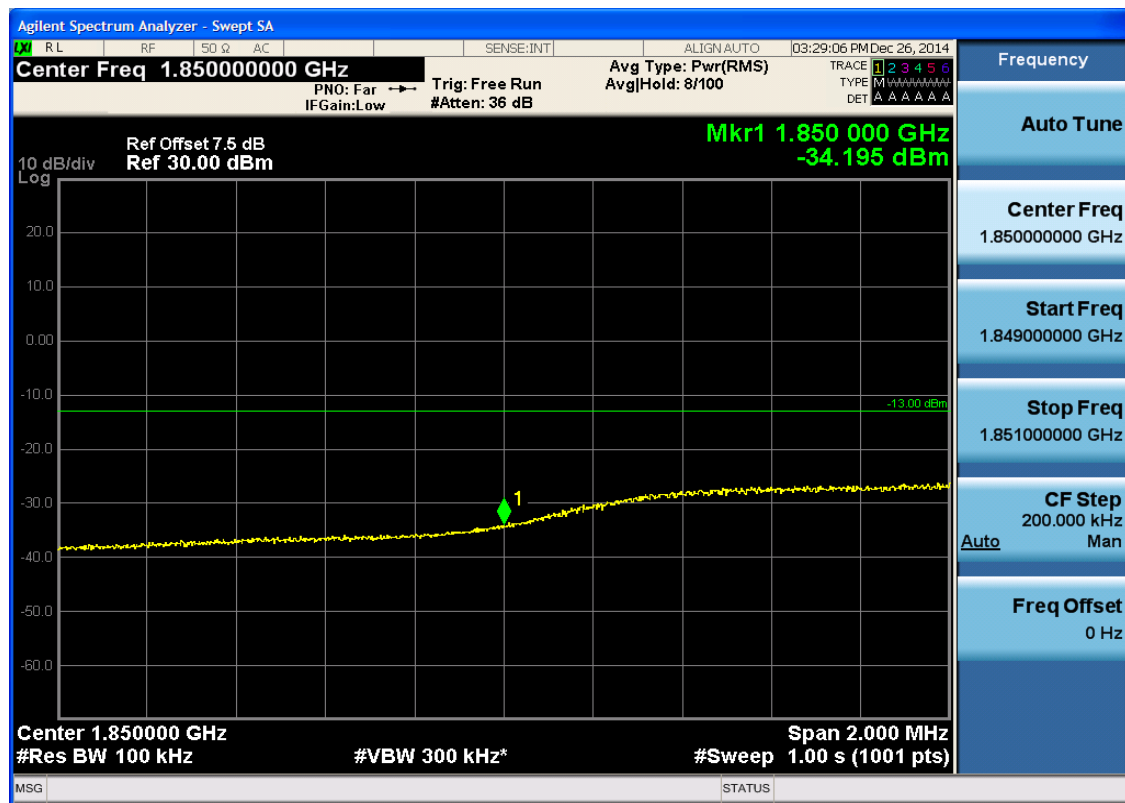


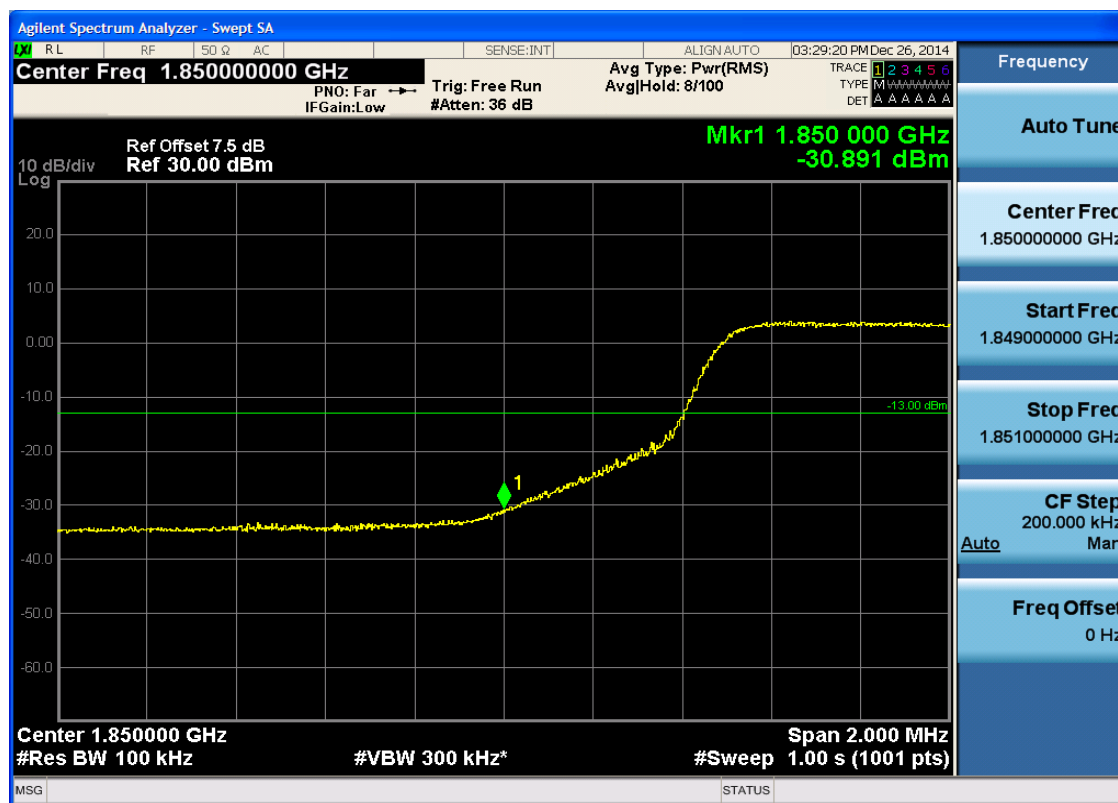


## 5.3.1.1.2.1.3 Test RB = RB25#13





## 5.3.1.1.2.1.4 Test RB = RB50#0

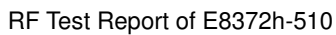




## 5.3.1.1.2.2 Test Channel = HCH

## 5.3.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN:AUTO 03:29:53 PM Dec 26, 2014

**Center Freq 1.91000000 GHz**

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 \*\*\*\*\*  
DET A A A A A A

Ref Offset 7.5 dB **Mkr1 1.910 000 GHz**  
Ref 30.00 dBm **-22.164 dBm**

10 dB/div  
Log

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

-13.00 dBm

**Center 1.910000 GHz** **Span 2.000 MHz**  
**#Res BW 100 kHz** **#VBW 300 kHz\*** **#Sweep 1.00 s (1001 pts)**

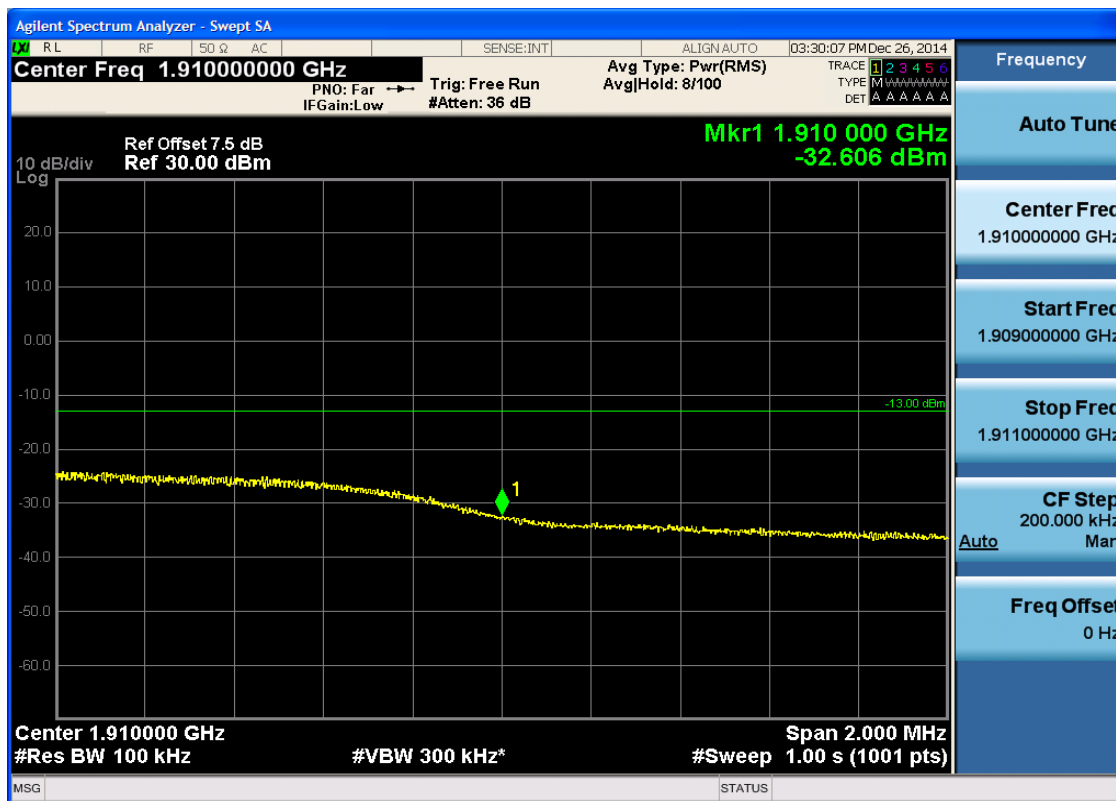
MSG STATUS

Frequency Auto Tune Center Freq Start Freq Stop Freq CF Step Auto Freq Offset

| Parameter   | Value           |
|-------------|-----------------|
| Center Freq | 1.91000000 GHz  |
| Start Freq  | 1.909000000 GHz |
| Stop Freq   | 1.911000000 GHz |
| CF Step     | 200.000 kHz     |
| Freq Offset | 0 Hz            |



## 5.3.1.1.2.2.3 Test RB = RB25#13





## 5.3.1.1.2.2.4 Test RB = RB50#0

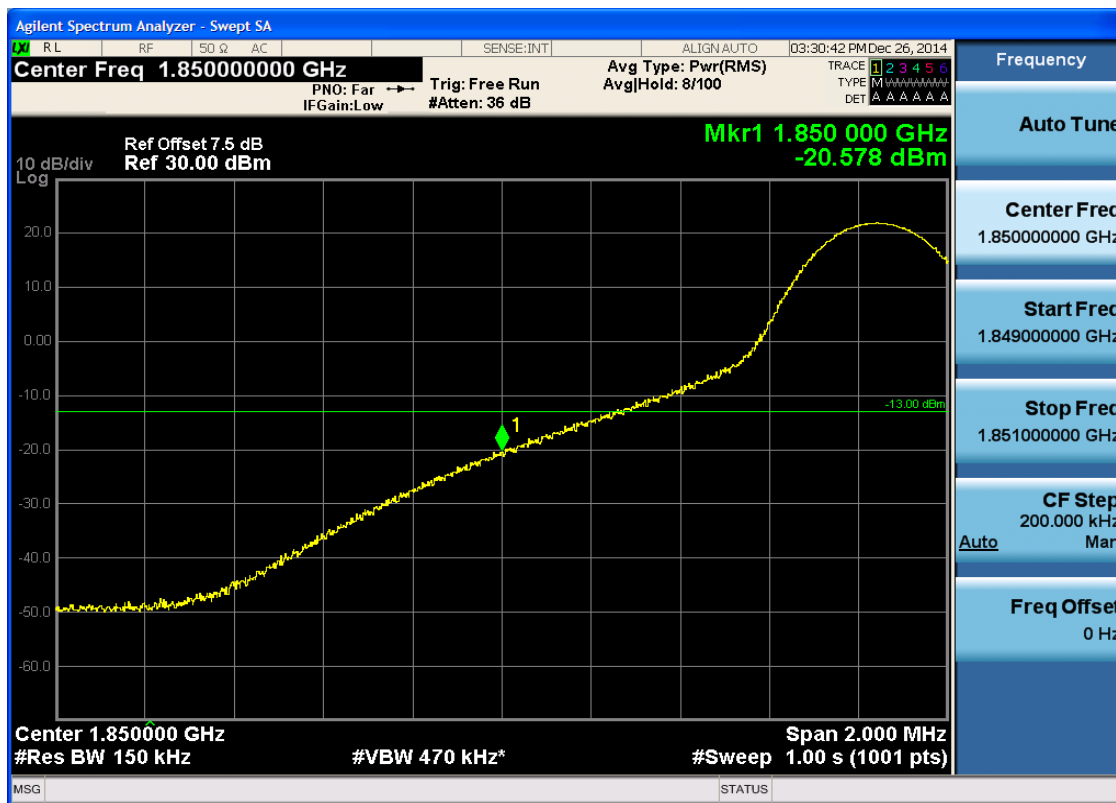




## 5.3.1.1.3 Test Bandwidth = 15

## 5.3.1.1.3.1 Test Channel = LCH

## 5.3.1.1.3.1.1 Test RB = RB1#0





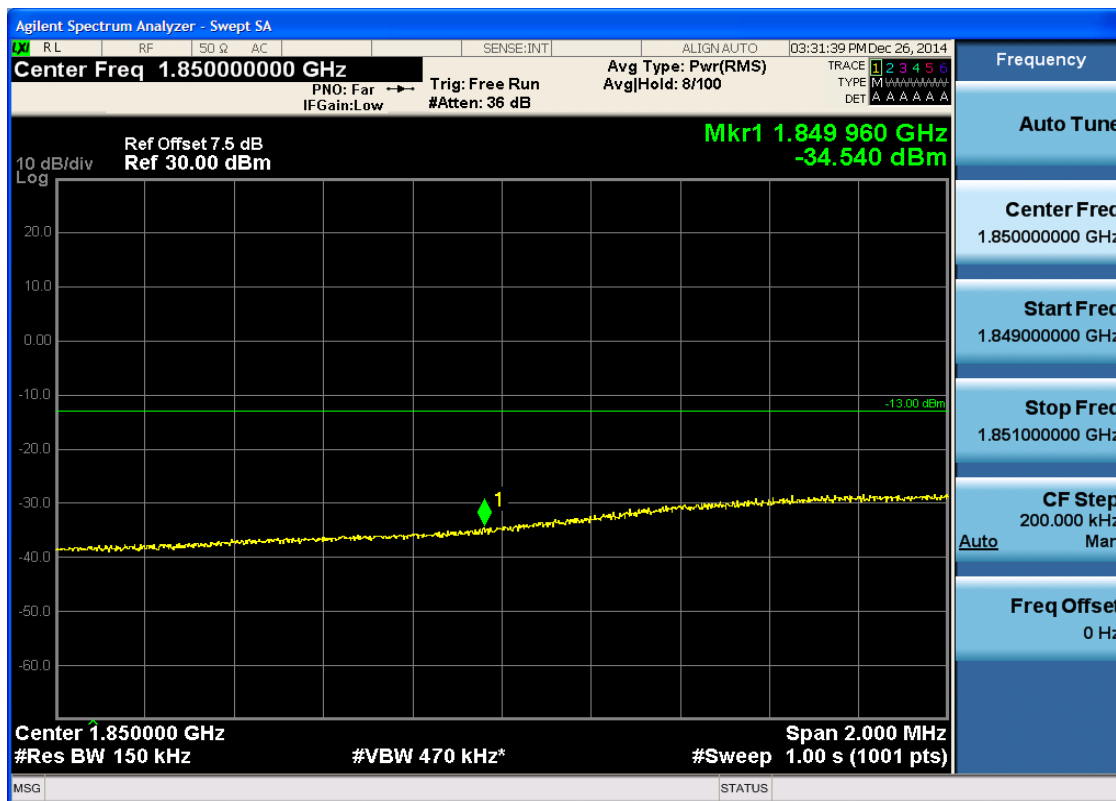
## 5.3.1.1.3.1.2 Test RB = RB1#74







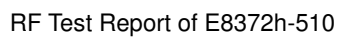
## 5.3.1.1.3.1.3 Test RB = RB36#18





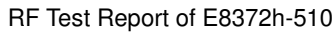
## 5.3.1.1.3.1.4 Test RB = RB75#0





#### 5.3.1.1.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

☒ R L    RF    50 Ω    AC    SENSE:INT    ALIGN:AUTO    03:32:26 PM Dec 26, 2014

**Center Freq 1.91000000 GHz**    PNO: Far → Trig: Free Run    Avg Type: Pwr(RMS)    TRACE 1 2 3 4 5 6  
 IF Gain: Low    #Atten: 36 dB    Avg Hold: 8/100    TYPE M A A A A A A A  
 DET A A A A A A

Ref Offset 7.5 dB    **Mkr1 1.910 000 GHz**  
 Ref 30.00 dBm    **-21.736 dBm**

10 dB/div  
Log

-13.00 dBm

**Center Freq 1.910000 GHz**    **Span 2.000 MHz**  
**#Res BW 150 kHz**    **#VBW 470 kHz\***    **#Sweep 1.00 s (1001 pts)**

MSG    STATUS

**Frequency**  
 Auto Tune  
 Center Freq 1.91000000 GHz  
 Start Freq 1.909000000 GHz  
 Stop Freq 1.911000000 GHz  
 CF Step 200.000 kHz  
 Auto Man  
 Freq Offset 0 Hz



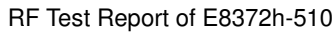
## 5.3.1.1.3.2.3 Test RB = RB36#18



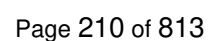


## 5.3.1.1.3.2.4 Test RB = RB75#0



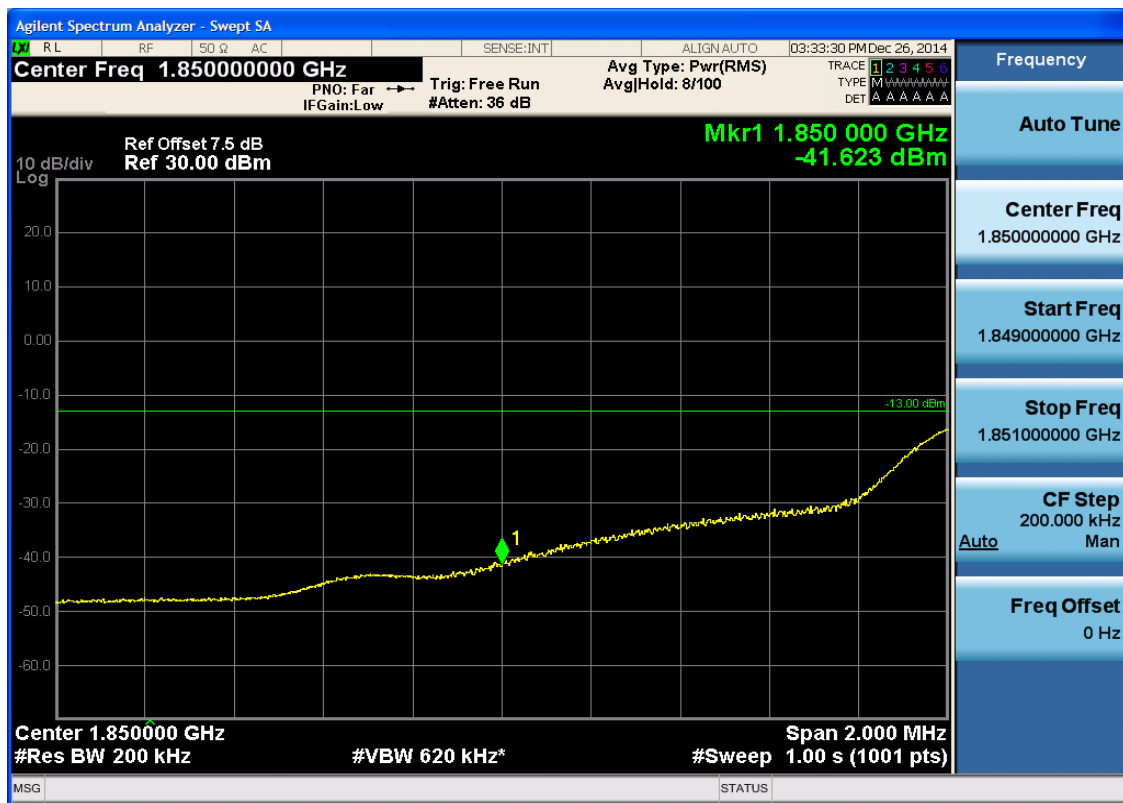


#### 5.3.1.1.4.1.1 Test RB = RB1#0





## 5.3.1.1.4.1.2 Test RB = RB1#99





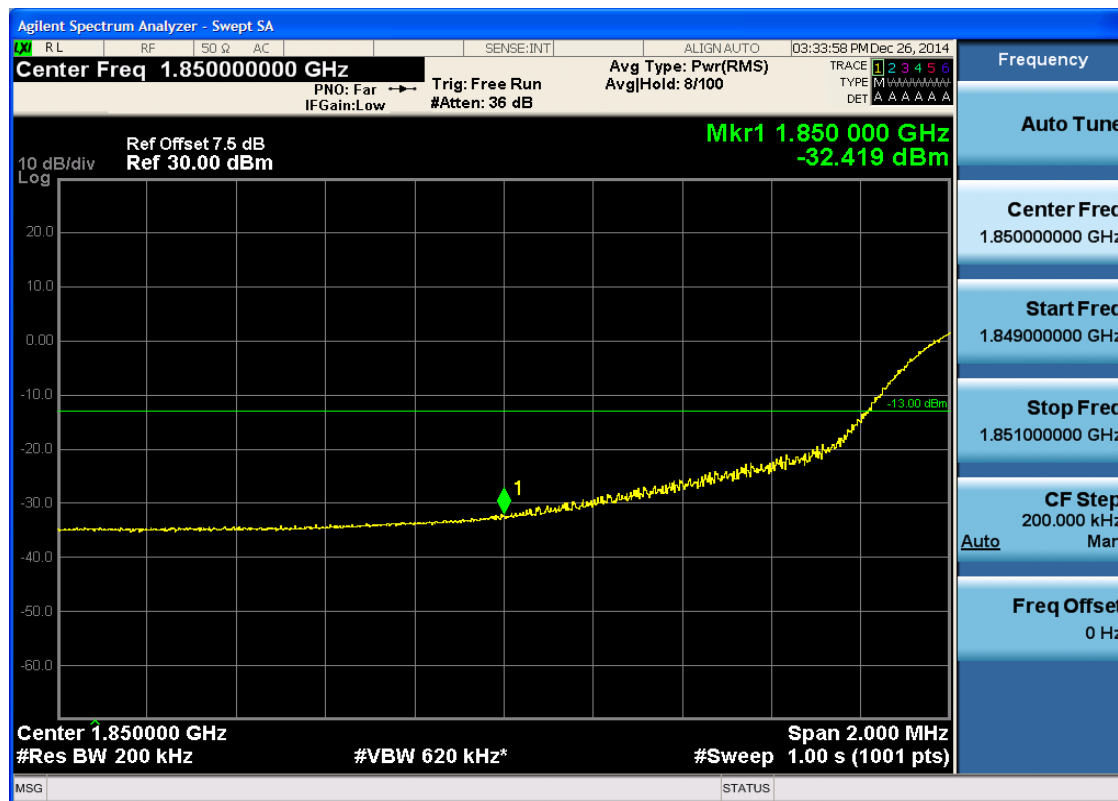


## 5.3.1.1.4.1.3 Test RB = RB50#25





## 5.3.1.1.4.1.4 Test RB = RB100#0





## 5.3.1.1.4.2 Test Channel = HCH

## 5.3.1.1.4.2.1 Test RB = RB1#0





## 5.3.1.1.4.2.2 Test RB = RB1#99





## 5.3.1.1.4.2.3 Test RB = RB50#25





## 5.3.1.1.4.2.4 Test RB = RB100#0



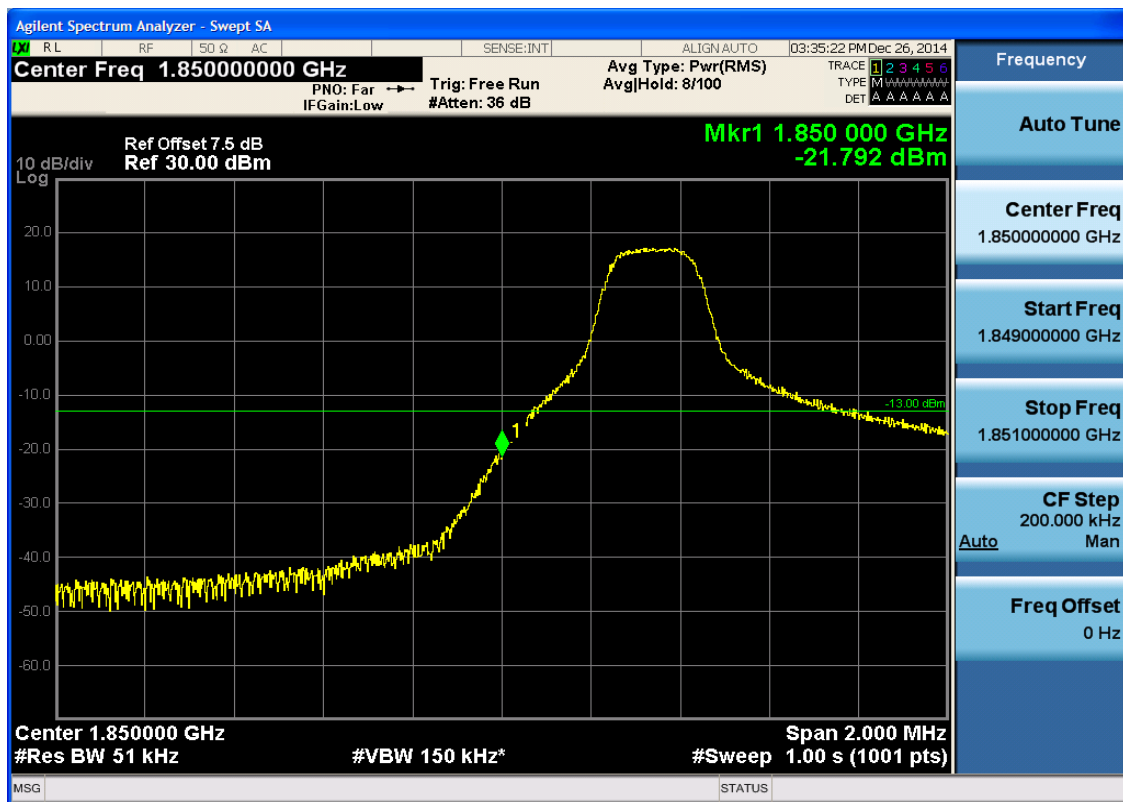


### 5.3.1.2 Test Mode = LTE/TM2

#### 5.3.1.2.1 Test Bandwidth = 5

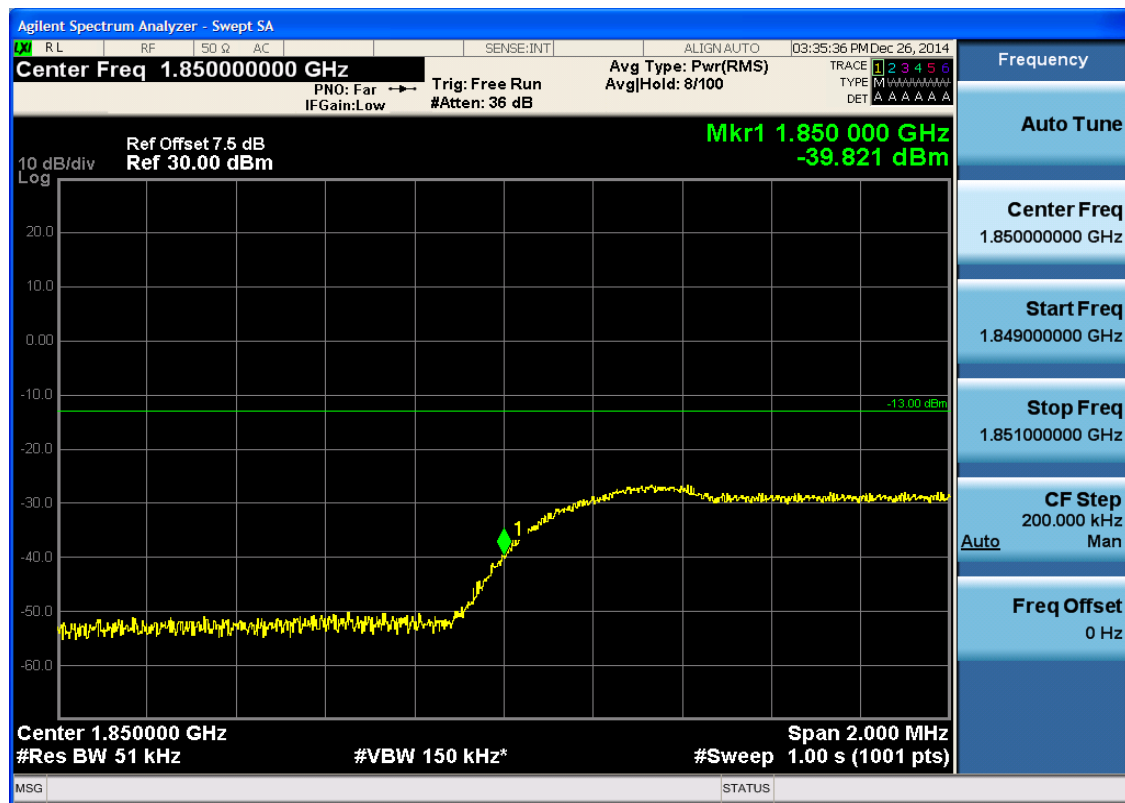
##### 5.3.1.2.1.1 Test Channel = LCH

##### 5.3.1.2.1.1.1 Test RB = RB1#0





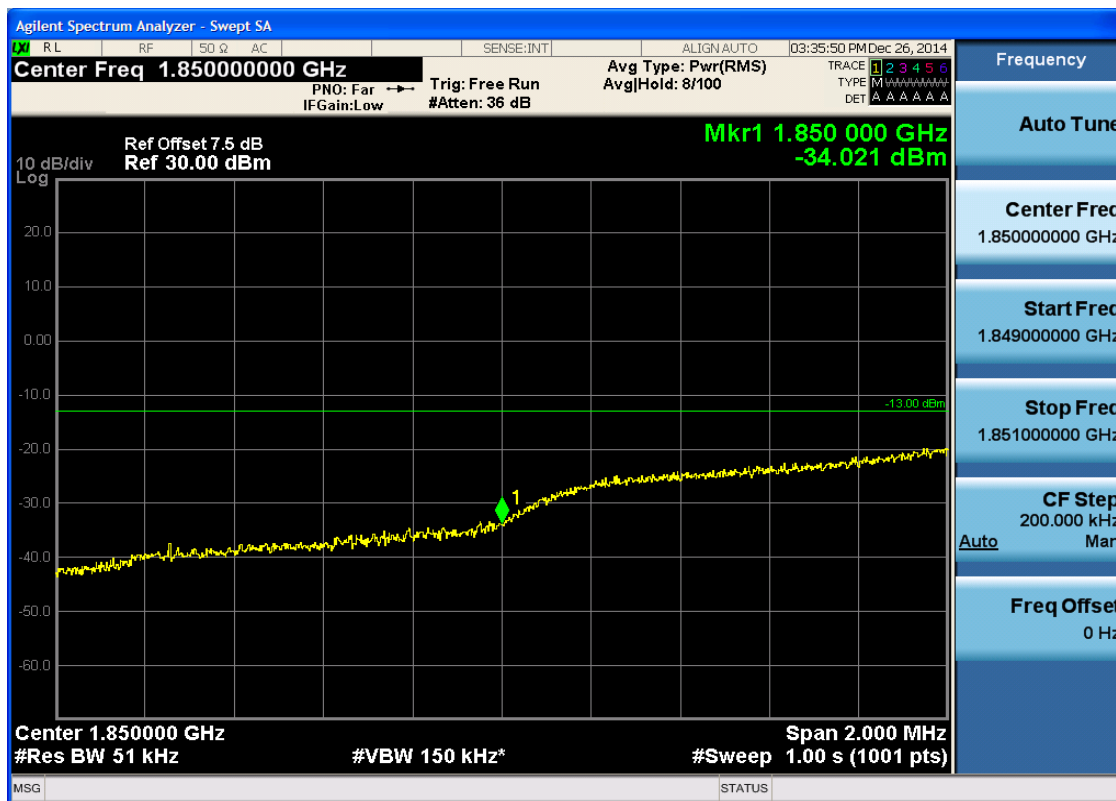
## 5.3.1.2.1.1.2 Test RB = RB1#24





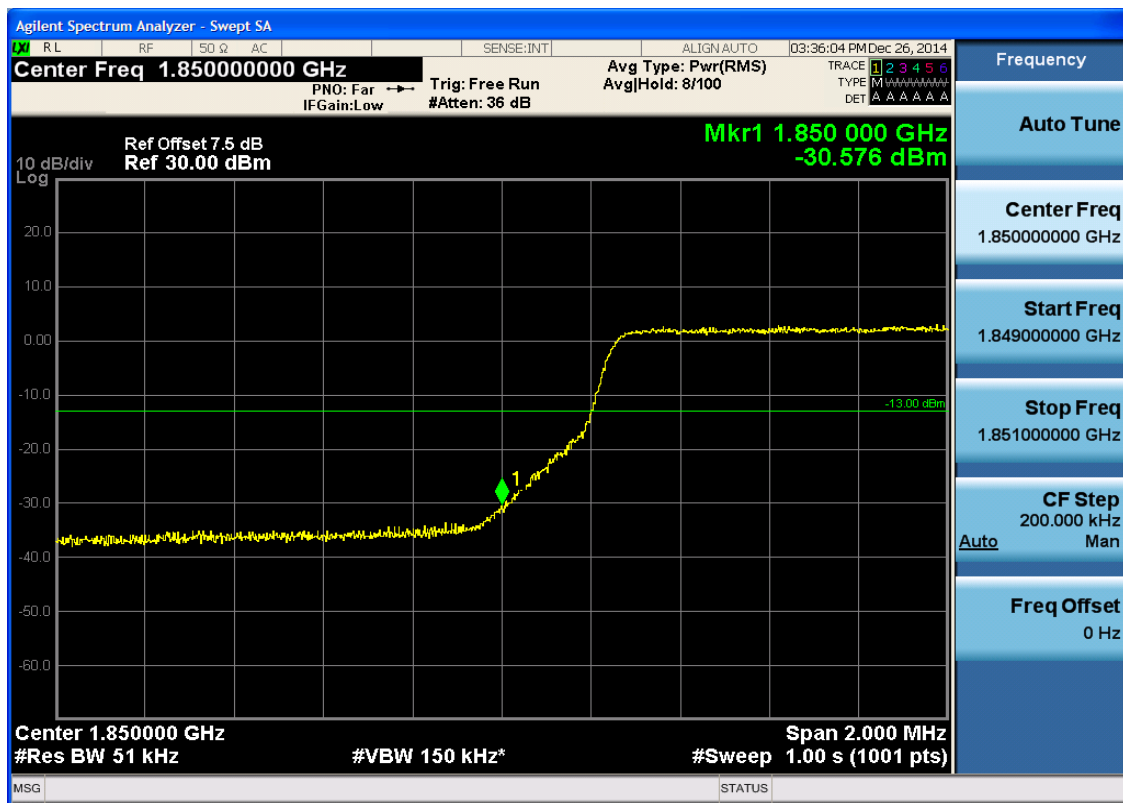


## 5.3.1.2.1.1.3 Test RB = RB12#6





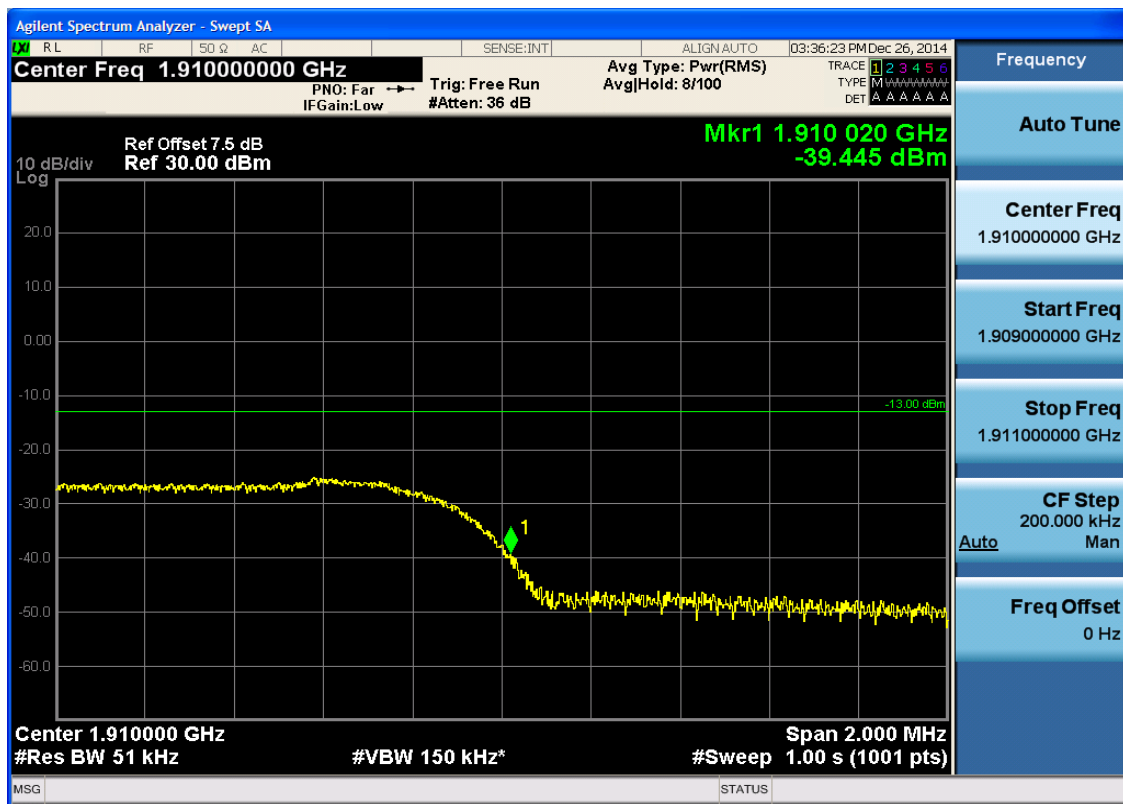
## 5.3.1.2.1.1.4 Test RB = RB25#0





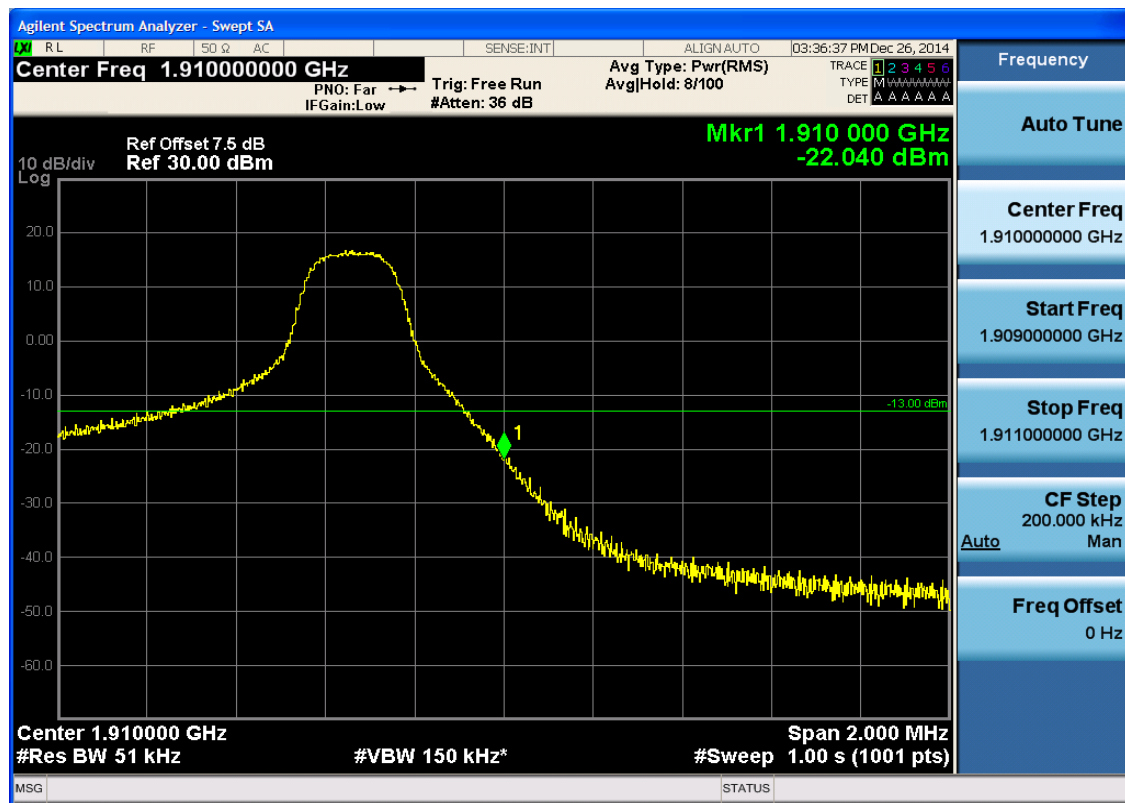
## 5.3.1.2.1.2 Test Channel = HCH

## 5.3.1.2.1.2.1 Test RB = RB1#0



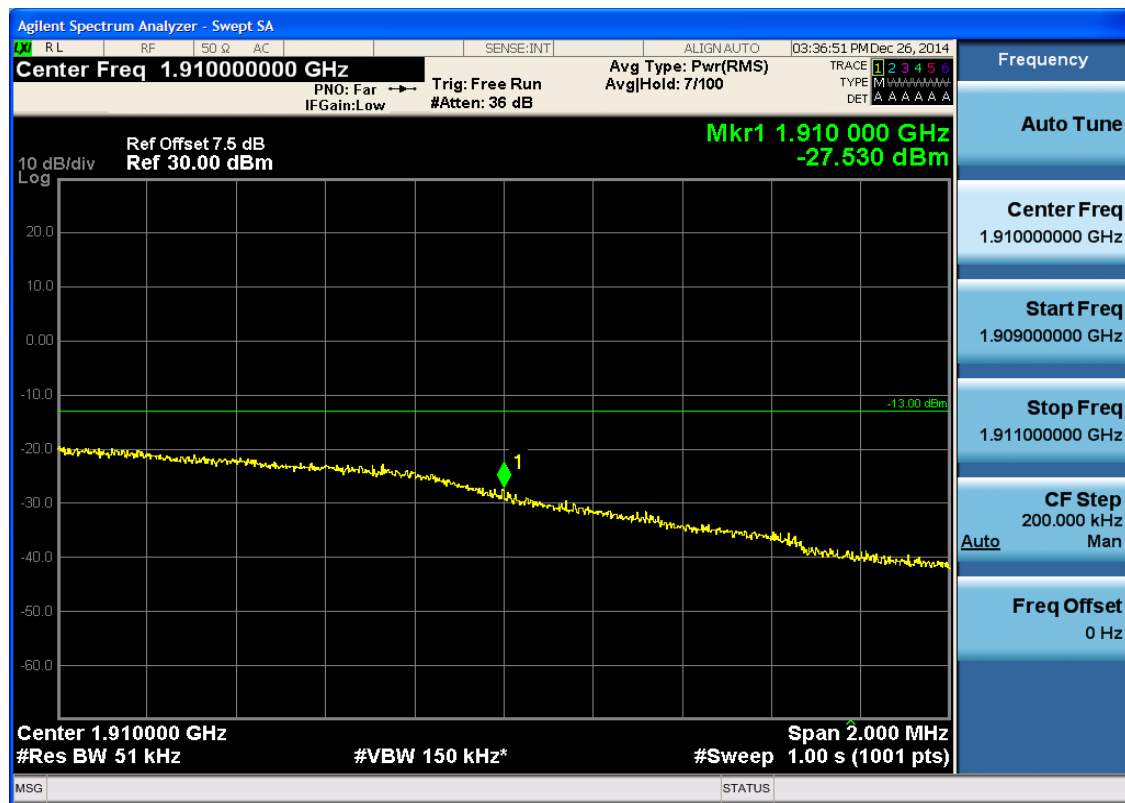


## 5.3.1.2.1.2.2 Test RB = RB1#24





## 5.3.1.2.1.2.3 Test RB = RB12#6





## 5.3.1.2.1.2.4 Test RB = RB25#0

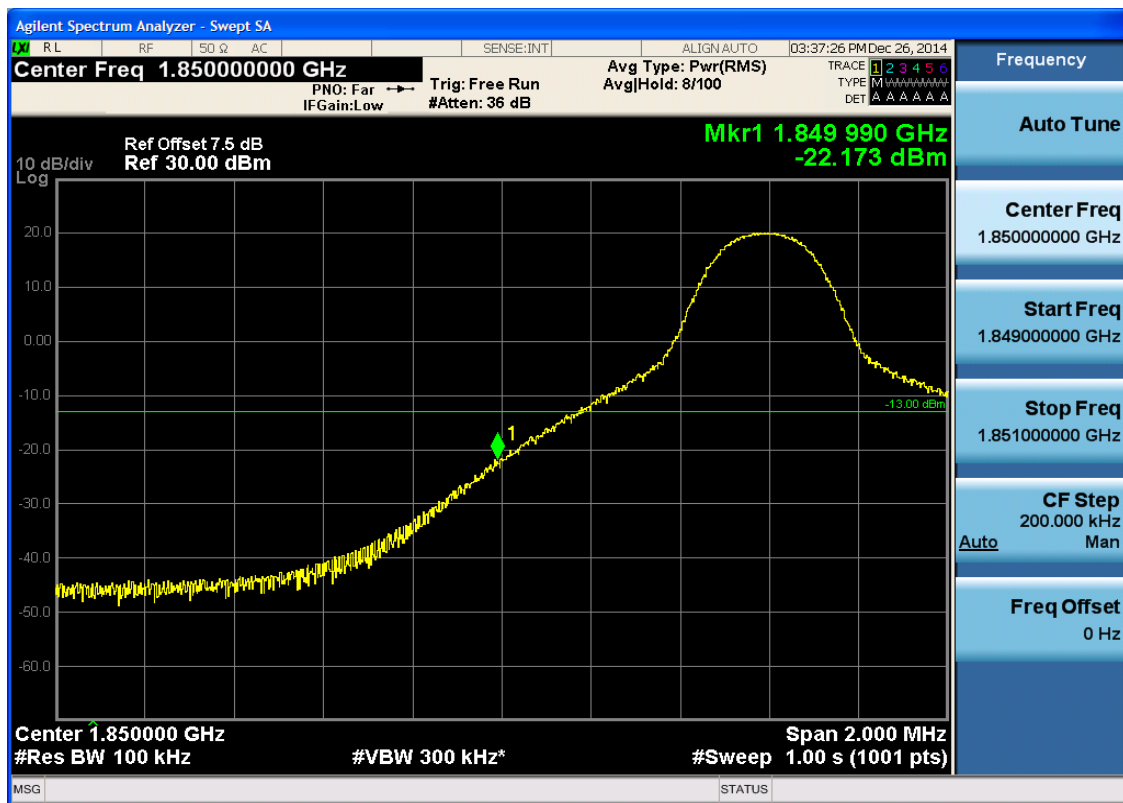




## 5.3.1.2.2 Test Bandwidth = 10

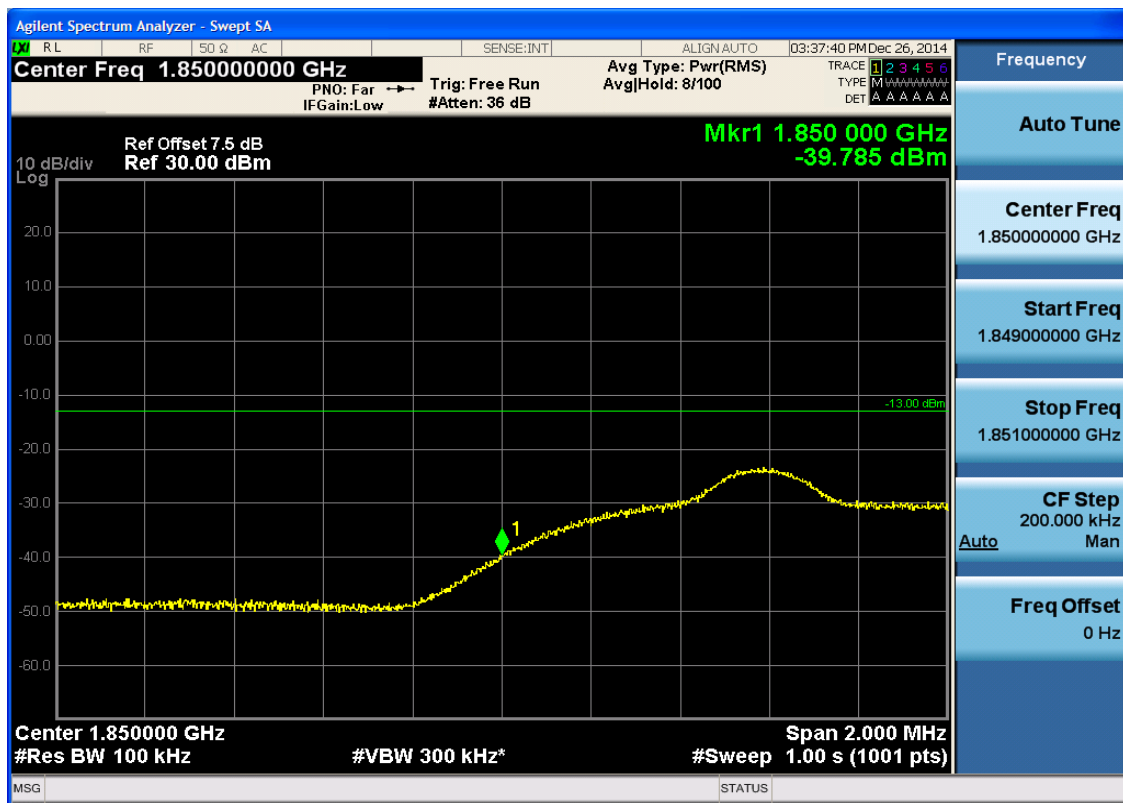
## 5.3.1.2.2.1 Test Channel = LCH

## 5.3.1.2.2.1.1 Test RB = RB1#0





## 5.3.1.2.2.1.2 Test RB = RB1#49







## 5.3.1.2.2.1.3 Test RB = RB25#13





## 5.3.1.2.2.1.4 Test RB = RB50#0





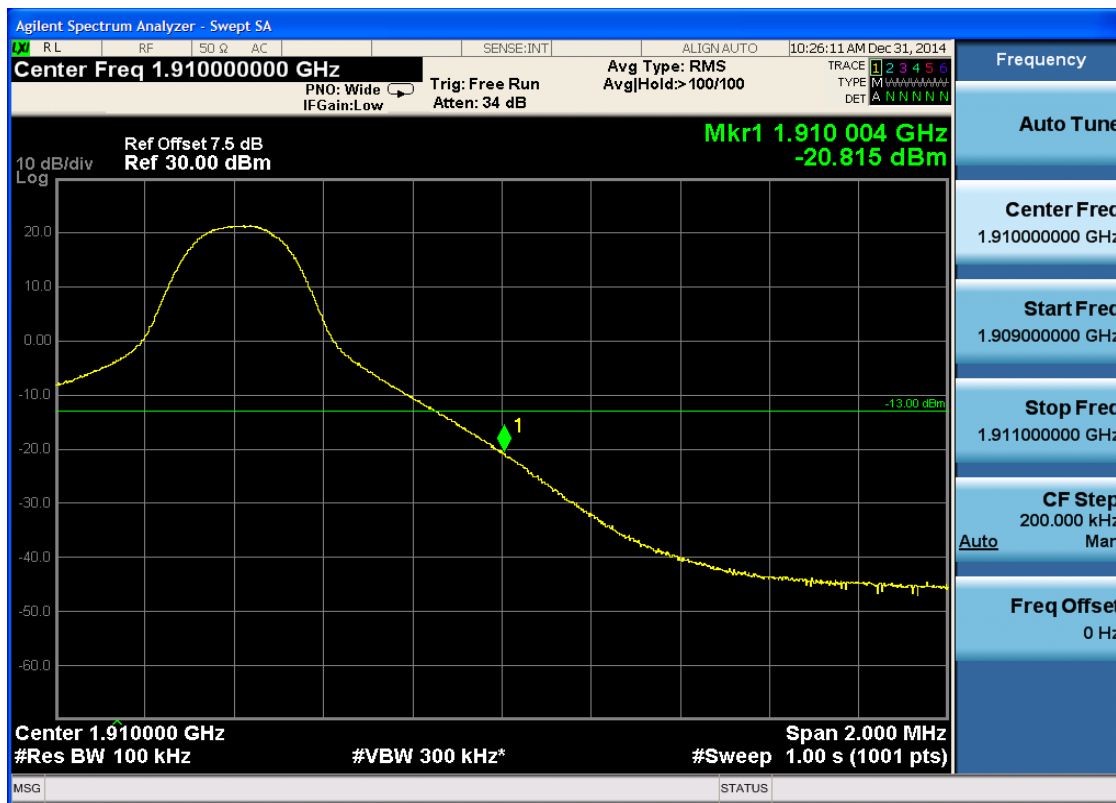
## 5.3.1.2.2.2 Test Channel = HCH

## 5.3.1.2.2.2.1 Test RB = RB1#0



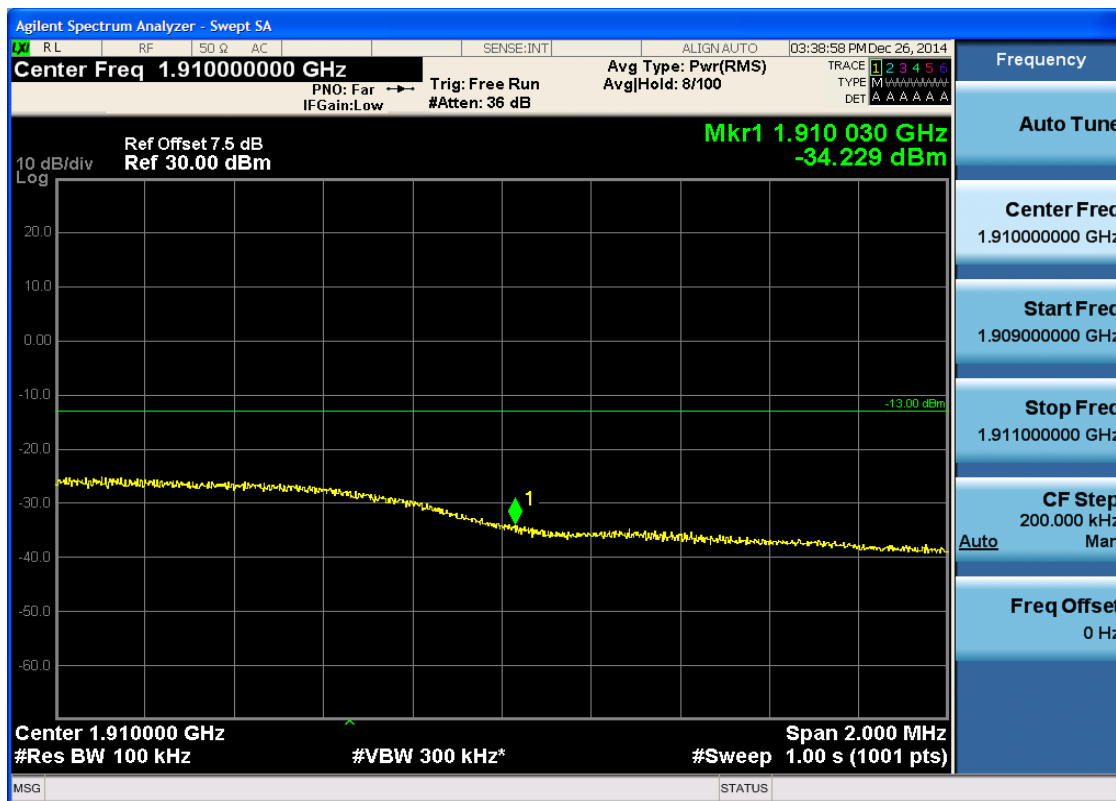


## 5.3.1.2.2.2 Test RB = RB1#49





## 5.3.1.2.2.3 Test RB = RB25#13





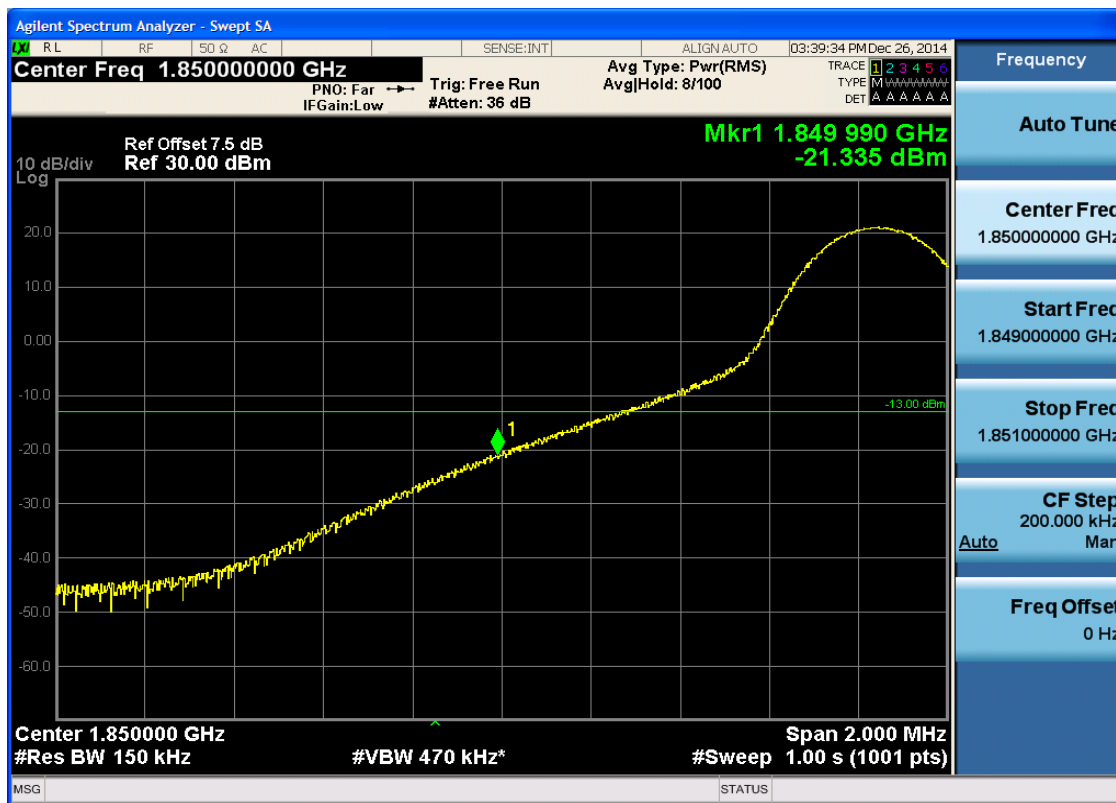
## 5.3.1.2.2.2.4 Test RB = RB50#0



### 5.3.1.2.3 Test Bandwidth = 15

#### 5.3.1.2.3.1 Test Channel = LCH

##### 5.3.1.2.3.1.1 Test RB = RB1#0





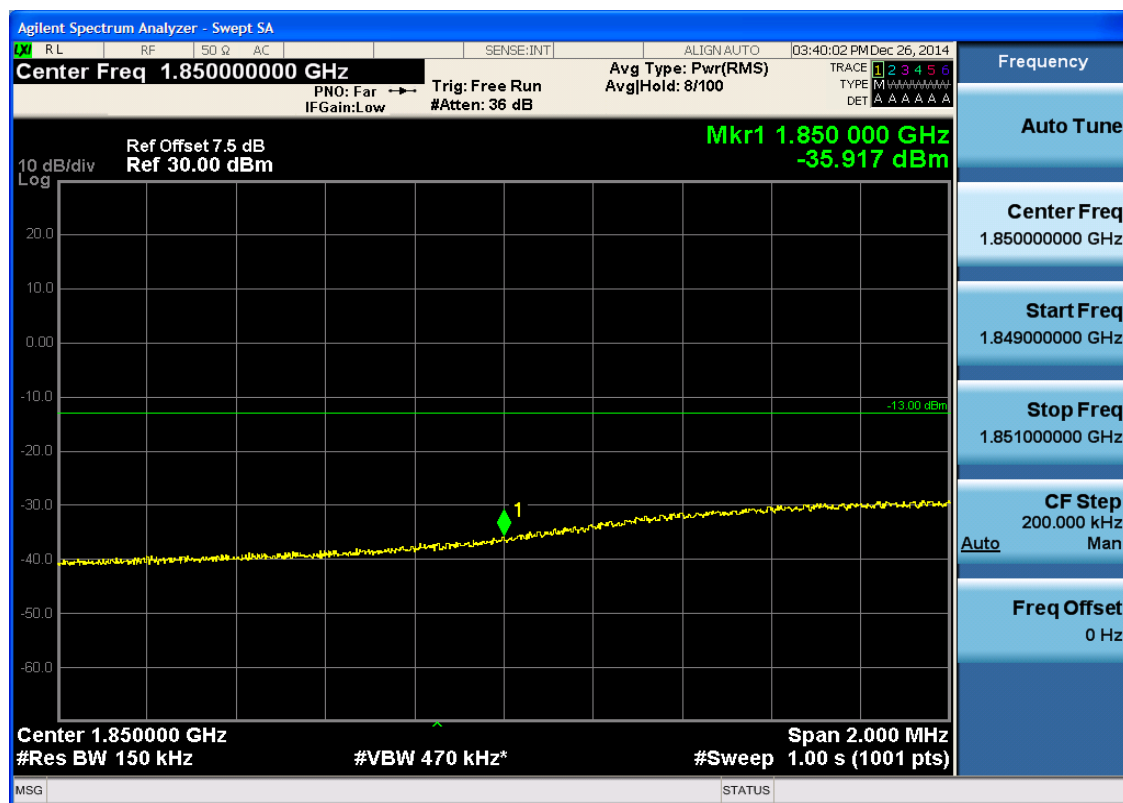
## 5.3.1.2.3.1.2 Test RB = RB1#74







## 5.3.1.2.3.1.3 Test RB = RB36#18





## 5.3.1.2.3.1.4 Test RB = RB75#0





## 5.3.1.2.3.2 Test Channel = HCH

## 5.3.1.2.3.2.1 Test RB = RB1#0



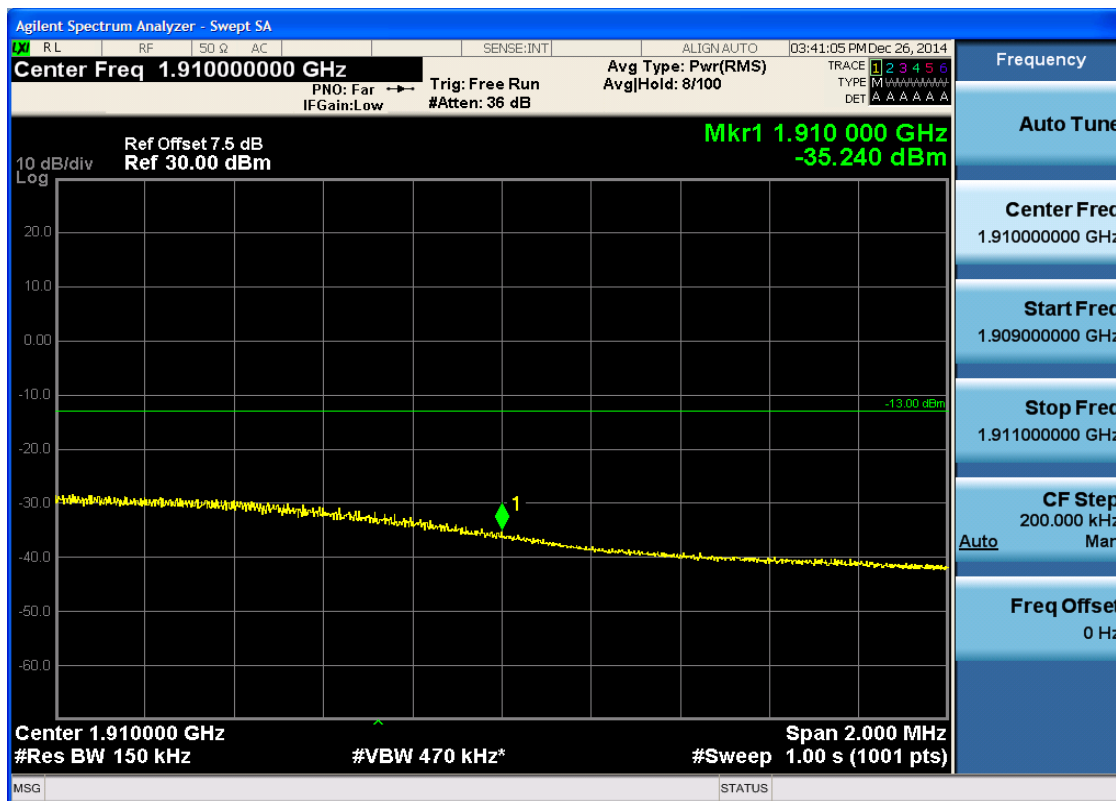


## 5.3.1.2.3.2.2 Test RB = RB1#74





## 5.3.1.2.3.2.3 Test RB = RB36#18





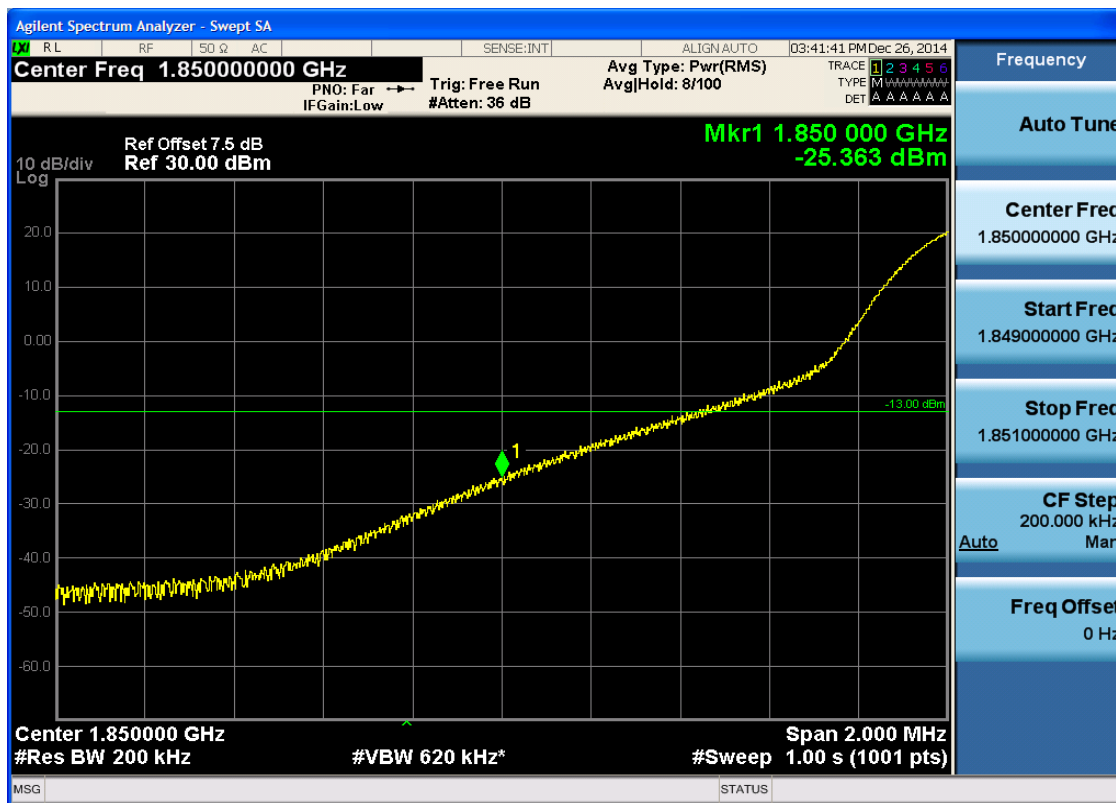
## 5.3.1.2.3.2.4 Test RB = RB75#0



### 5.3.1.2.4 Test Bandwidth = 20

#### 5.3.1.2.4.1 Test Channel = LCH

##### 5.3.1.2.4.1.1 Test RB = RB1#0





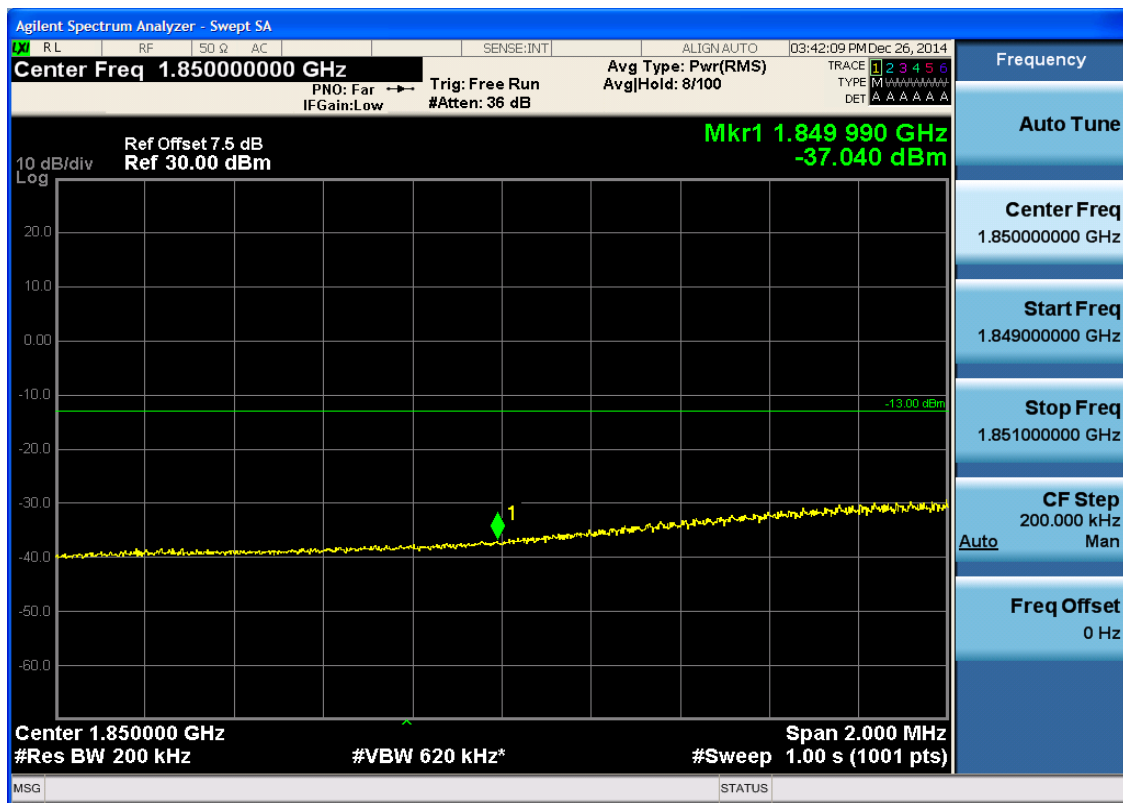
## 5.3.1.2.4.1.2 Test RB = RB1#99







## 5.3.1.2.4.1.3 Test RB = RB50#25





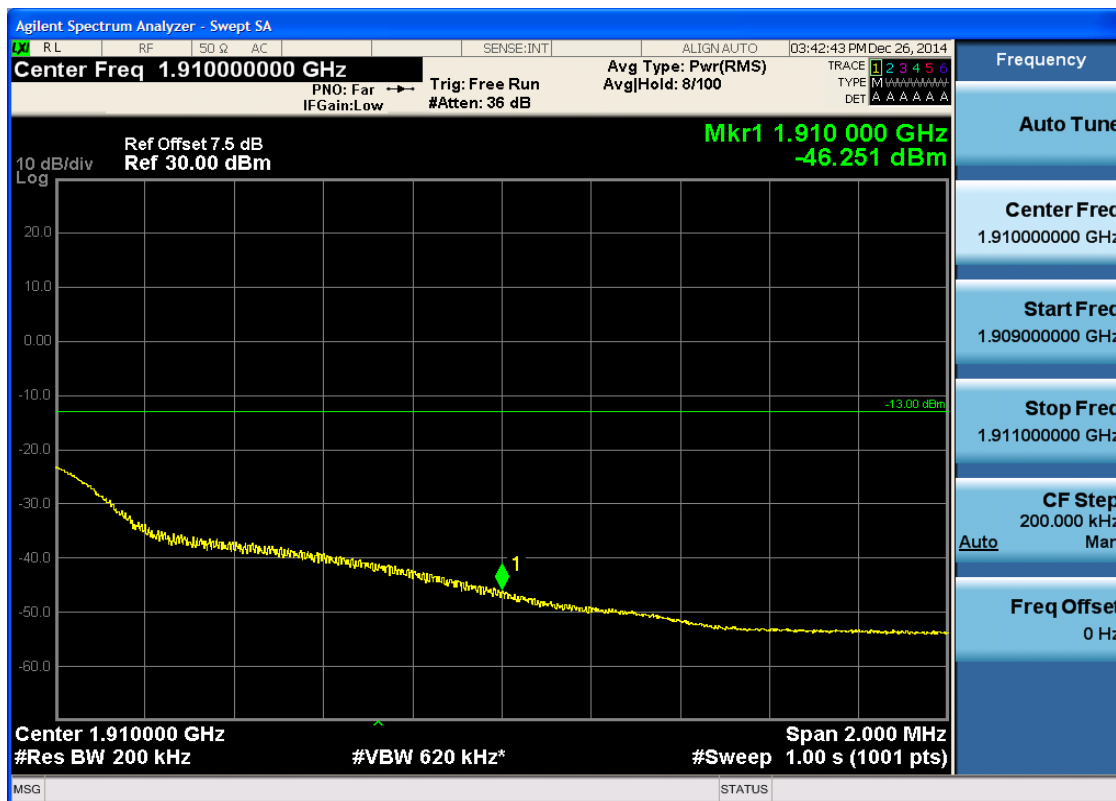
## 5.3.1.2.4.1.4 Test RB = RB100#0





## 5.3.1.2.4.2 Test Channel = HCH

## 5.3.1.2.4.2.1 Test RB = RB1#0



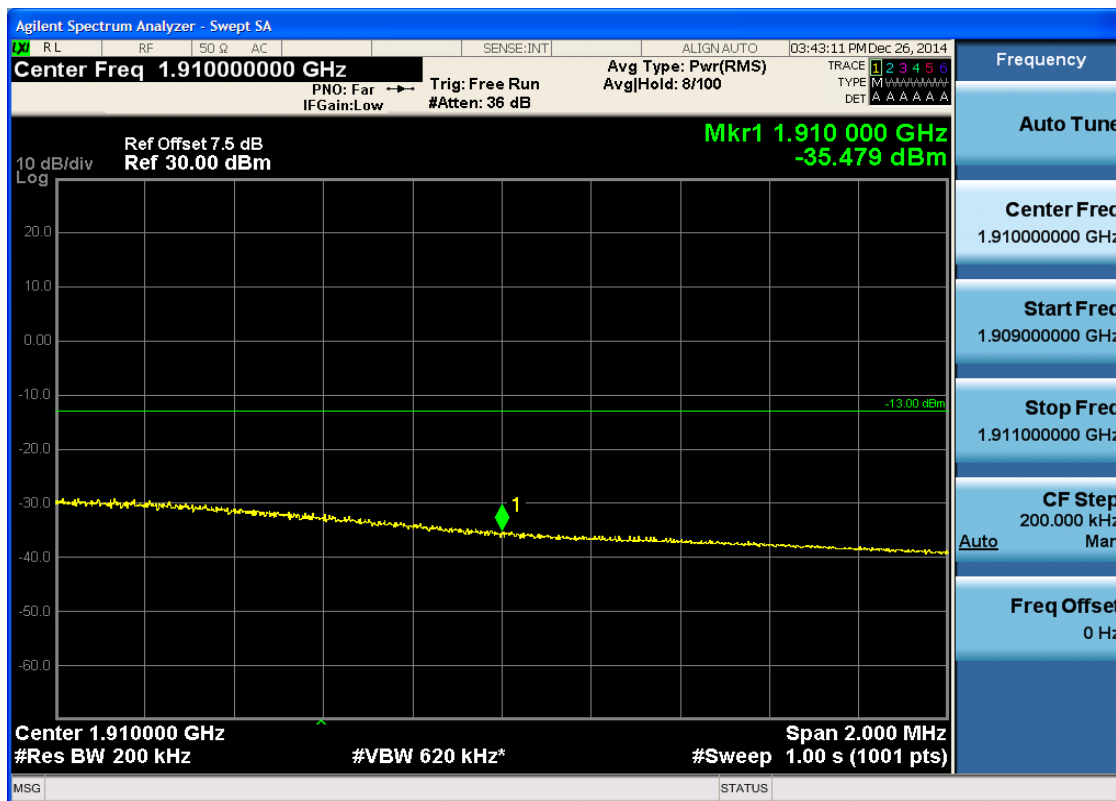


## 5.3.1.2.4.2.2 Test RB = RB1#99





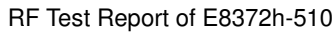
## 5.3.1.2.4.2.3 Test RB = RB50#25



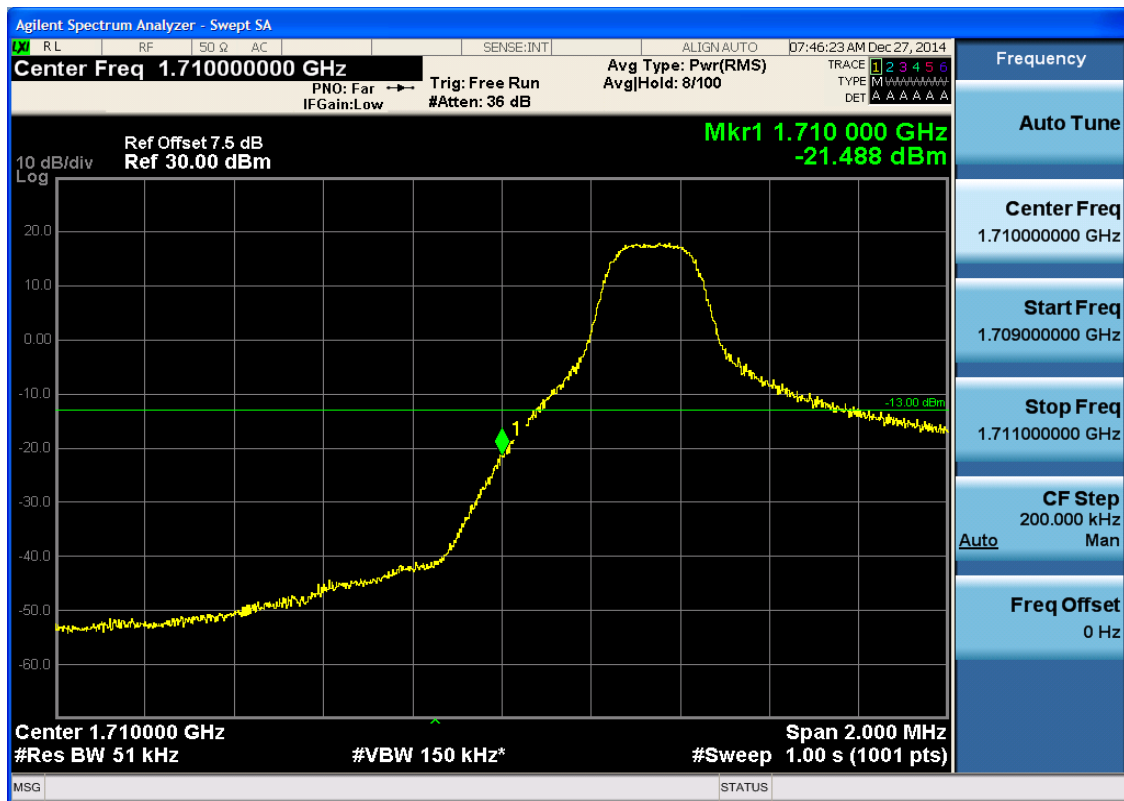


## 5.3.1.2.4.2.4 Test RB = RB100#0



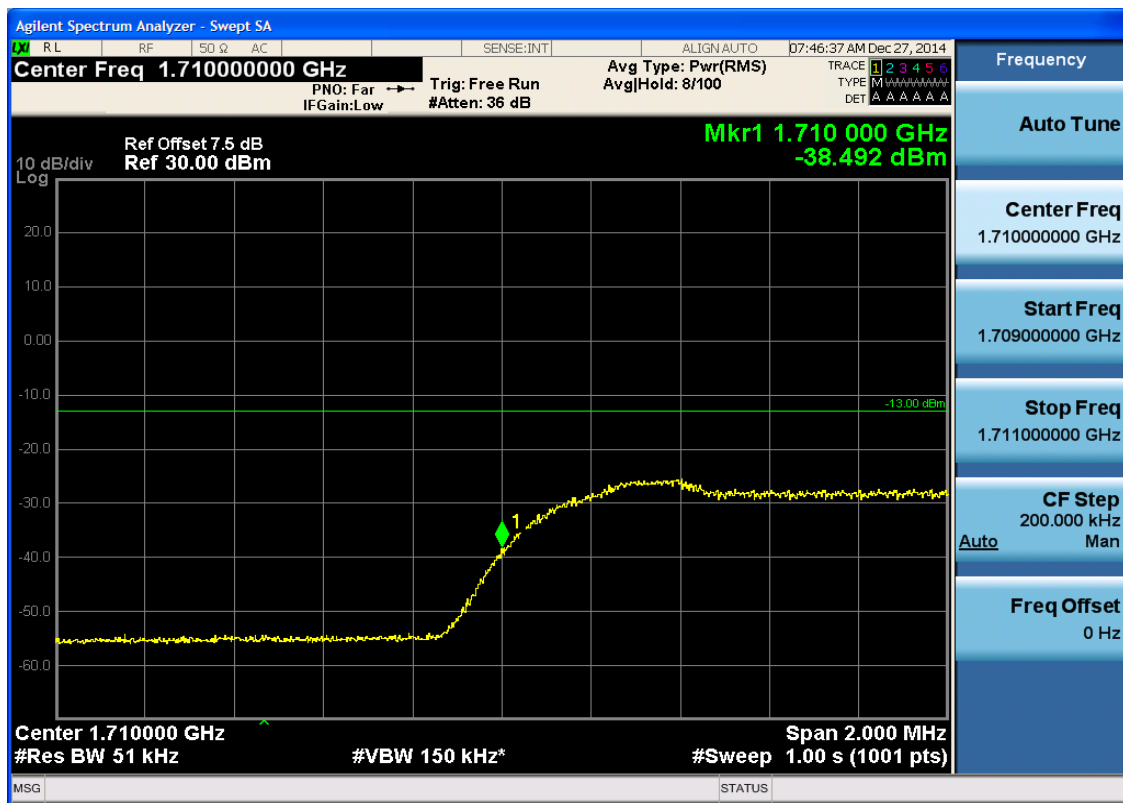


#### 5.3.2.1.1.1.1 Test RB = RB1#0





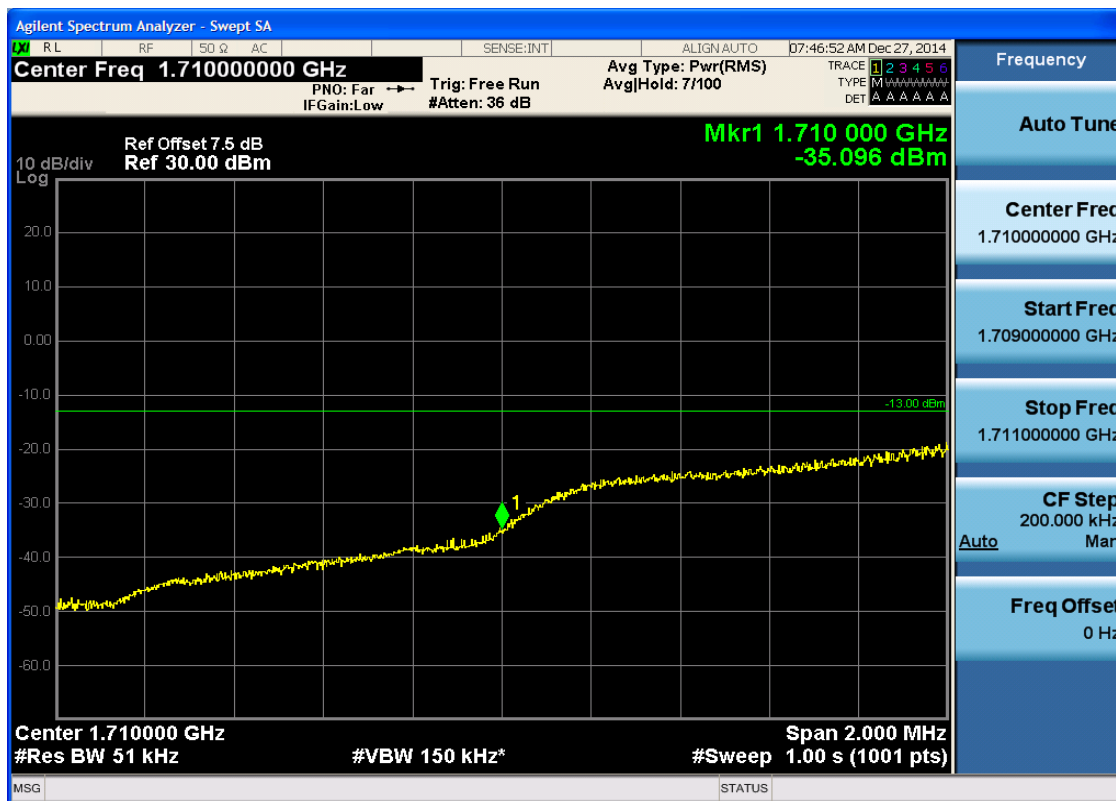
## 5.3.2.1.1.1.2 Test RB = RB1#24





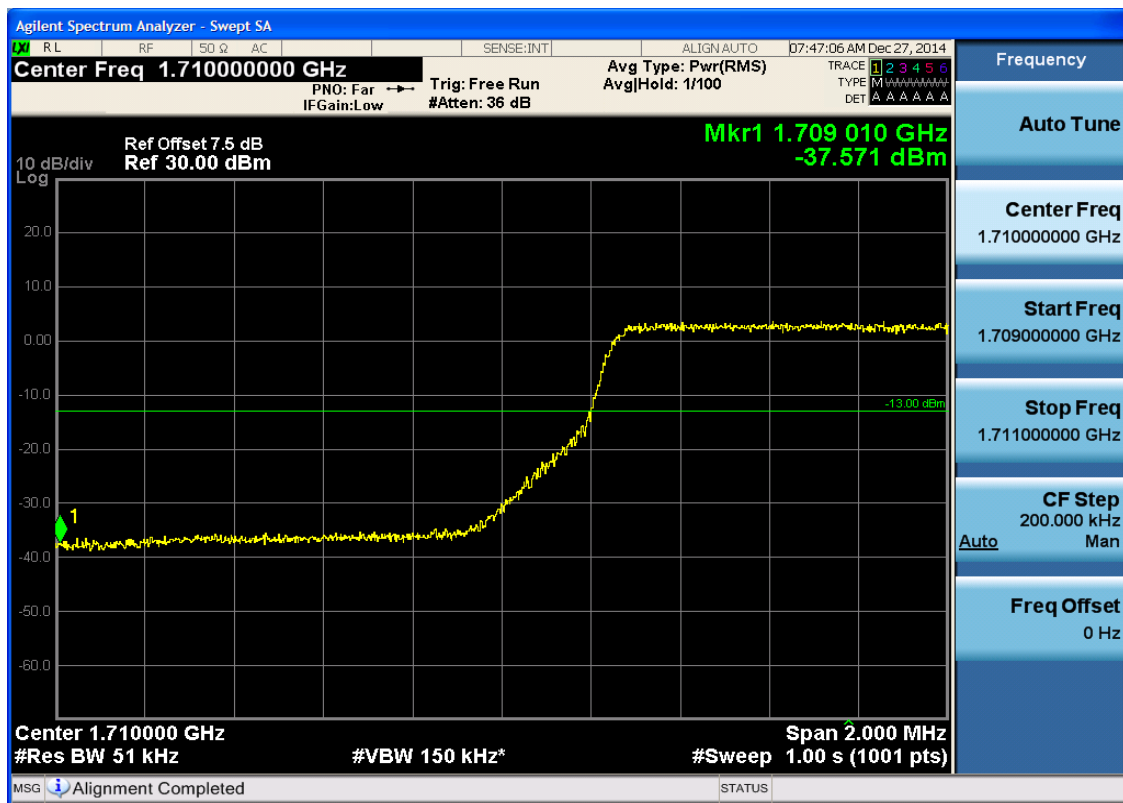


## 5.3.2.1.1.1.3 Test RB = RB12#6





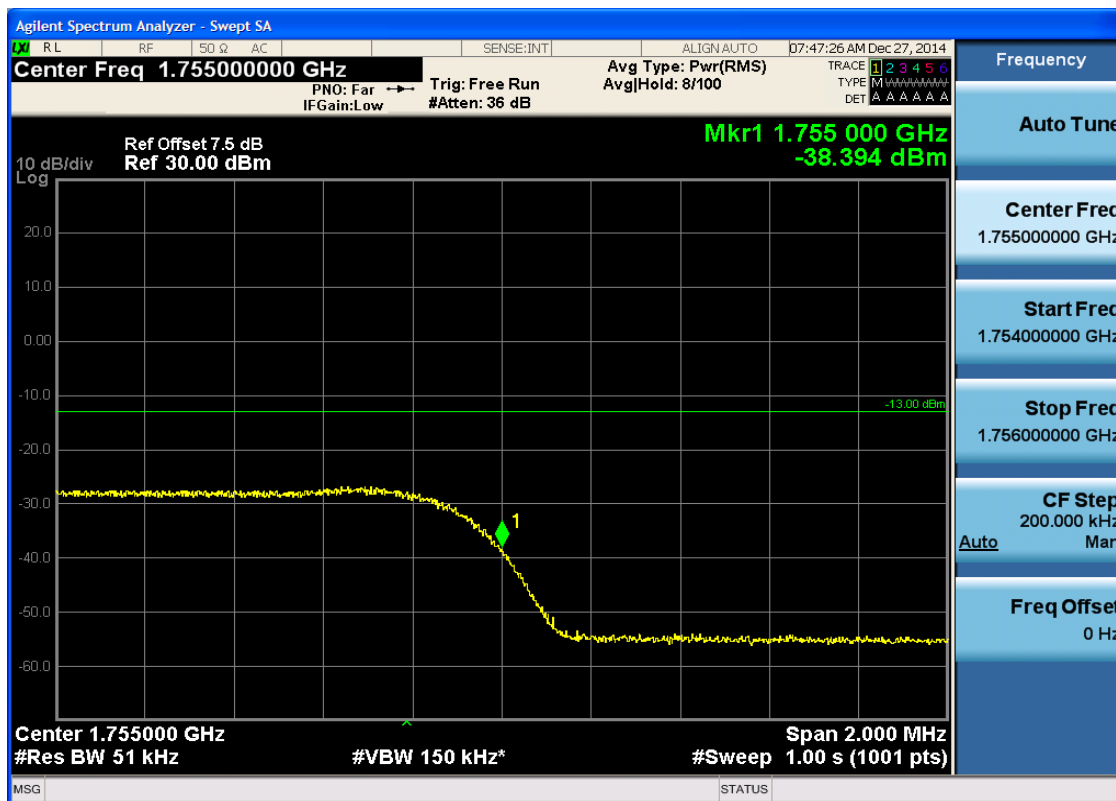
## 5.3.2.1.1.1.4 Test RB = RB25#0





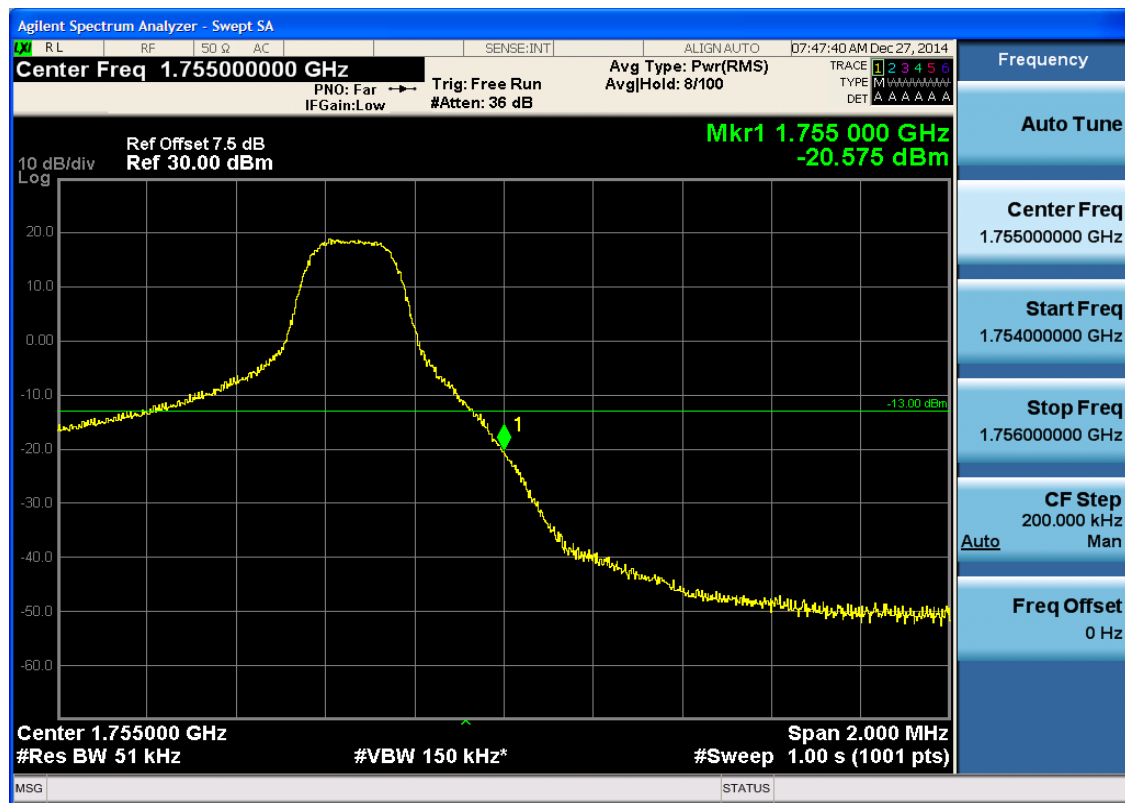
## 5.3.2.1.1.2 Test Channel = HCH

## 5.3.2.1.1.2.1 Test RB = RB1#0





## 5.3.2.1.1.2.2 Test RB = RB1#24





## 5.3.2.1.1.2.3 Test RB = RB12#6





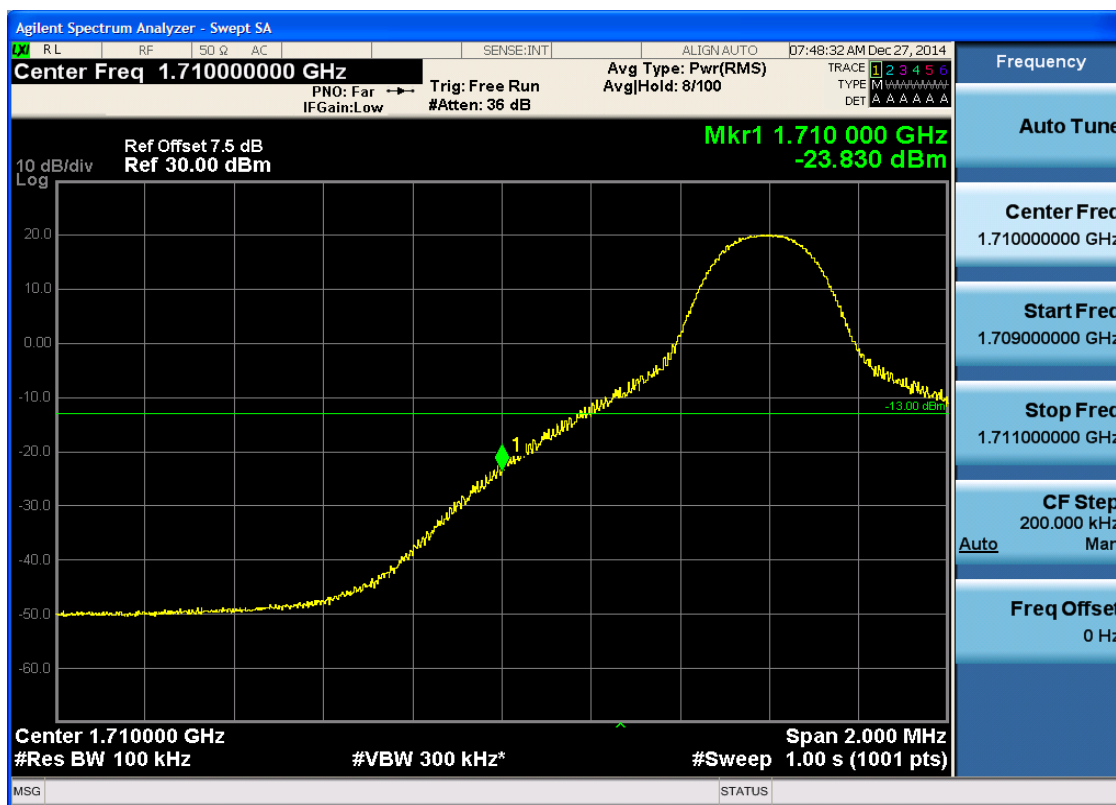
## 5.3.2.1.1.2.4 Test RB = RB25#0



### 5.3.2.1.2 Test Bandwidth = 10

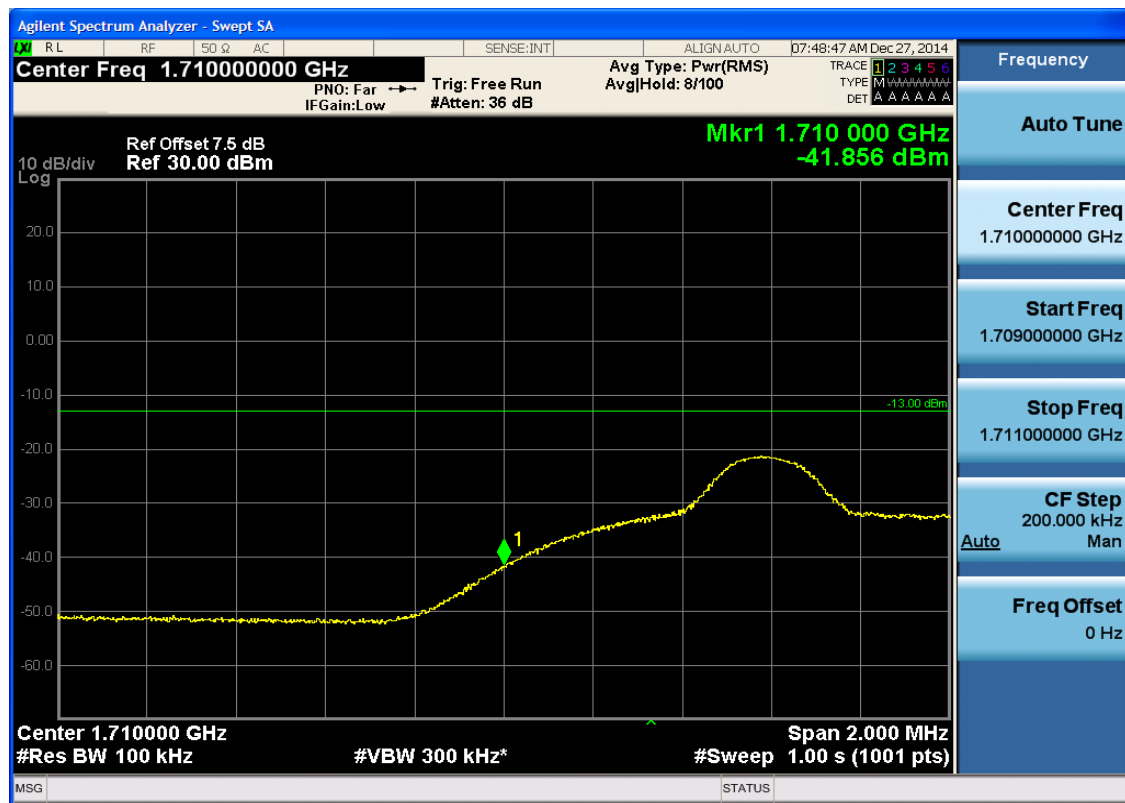
#### 5.3.2.1.2.1 Test Channel = LCH

##### 5.3.2.1.2.1.1 Test RB = RB1#0





## 5.3.2.1.2.1.2 Test RB = RB1#49







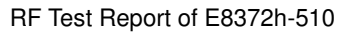
## 5.3.2.1.2.1.3 Test RB = RB25#13



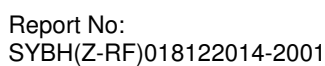


## 5.3.2.1.2.1.4 Test RB = RB50#0



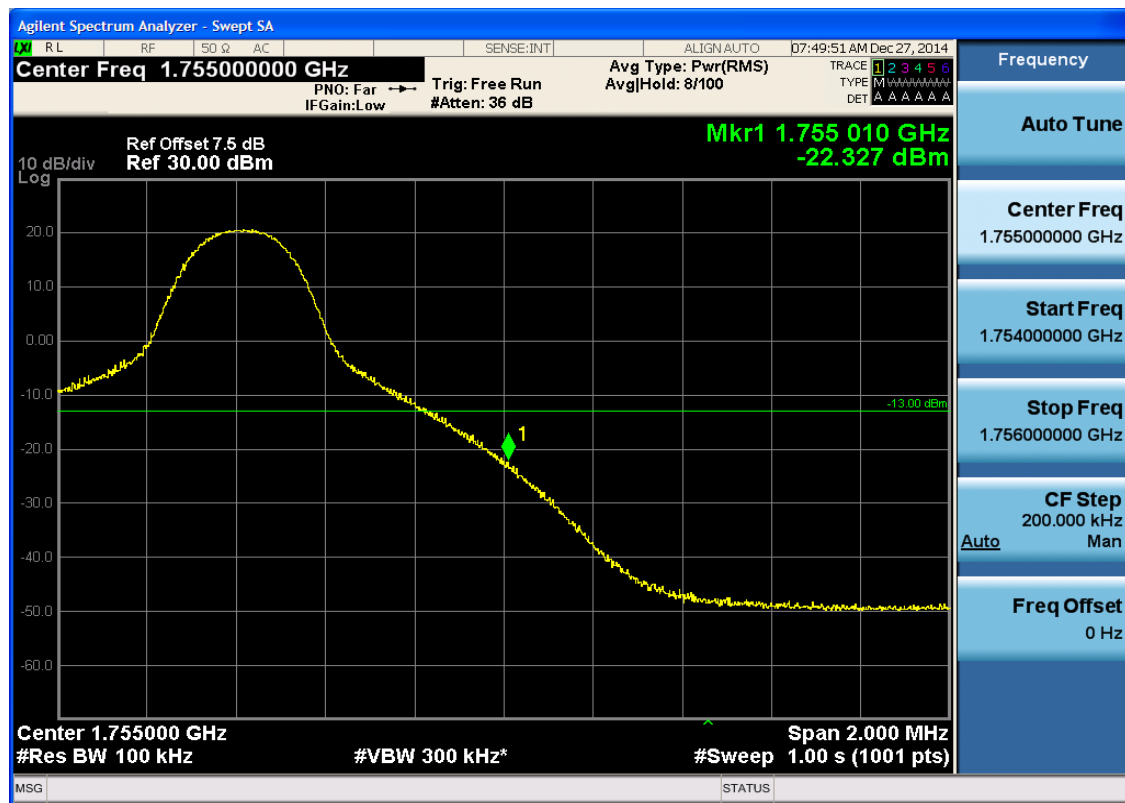


#### 5.3.2.1.2.2.1 Test RB = RB1#0





## 5.3.2.1.2.2.2 Test RB = RB1#49





## 5.3.2.1.2.2.3 Test RB = RB25#13





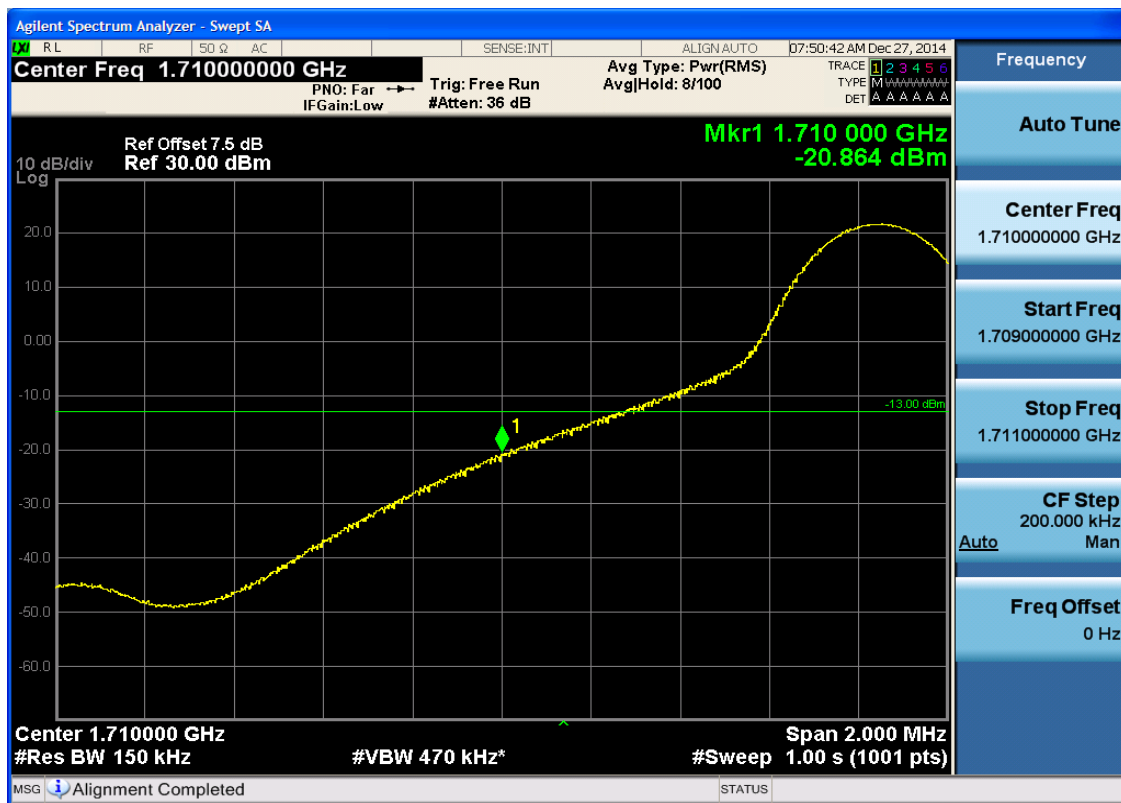
## 5.3.2.1.2.2.4 Test RB = RB50#0



### 5.3.2.1.3 Test Bandwidth = 15

#### 5.3.2.1.3.1 Test Channel = LCH

##### 5.3.2.1.3.1.1 Test RB = RB1#0





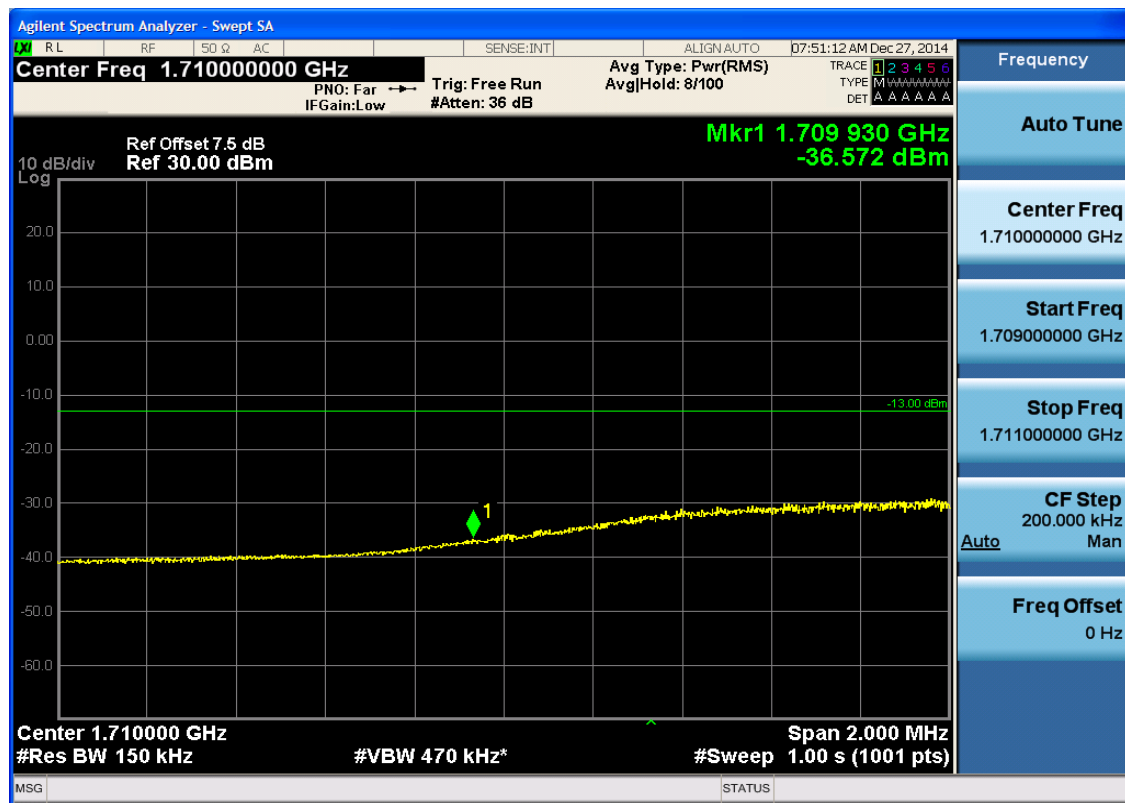
## 5.3.2.1.3.1.2 Test RB = RB1#74







## 5.3.2.1.3.1.3 Test RB = RB36#18





## 5.3.2.1.3.1.4 Test RB = RB75#0





## 5.3.2.1.3.2 Test Channel = HCH

## 5.3.2.1.3.2.1 Test RB = RB1#0





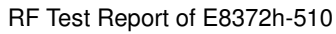
## 5.3.2.1.3.2.2 Test RB = RB1#74





## 5.3.2.1.3.2.3 Test RB = RB36#18





Agilent Spectrum Analyzer - Swept SA

☒ R L    RF    50 Ω    AC    SENSE:INT    ALIGN:AUTO    07:52:29 AM Dec 27, 2014

**Center Freq 1.75500000 GHz**    PNO: Far → Trig: Free Run    Avg Type: Pwr(RMS)    TRACE 1 2 3 4 5 6  
 IF Gain: Low    #Atten: 36 dB    Avg|Hold: 8/100    TYPE M W U I D S A    DET A A A A A A

Ref Offset 7.5 dB    **Mkr1 1.755 010 GHz**  
 Ref 30.00 dBm    **-32.069 dBm**

10 dB/div  
Log

-13.00 dBm

1

**Center 1.755000 GHz**    **Span 2.000 MHz**  
**#Res BW 150 kHz**    **#VBW 470 kHz\***    **#Sweep 1.00 s (1001 pts)**

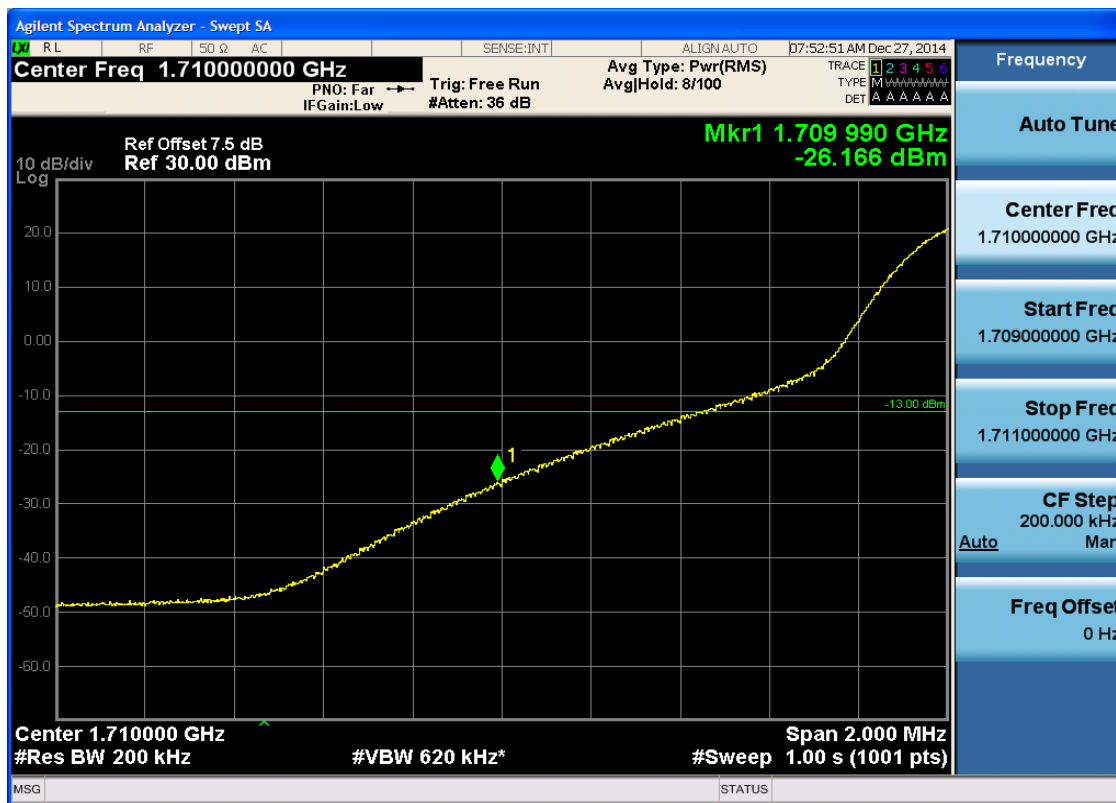
MSG    STATUS

Frequency  
 Auto Tune  
 Center Freq  
 1.75500000 GHz  
 Start Freq  
 1.754000000 GHz  
 Stop Freq  
 1.756000000 GHz  
 CF Step  
 200.000 kHz  
 Auto Man  
 Freq Offset  
 0 Hz

### 5.3.2.1.4 Test Bandwidth = 20

#### 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#99







## 5.3.2.1.4.1.3 Test RB = RB50#25





## 5.3.2.1.4.1.4 Test RB = RB100#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#99





## 5.3.2.1.4.2.3 Test RB = RB50#25





## 5.3.2.1.4.2.4 Test RB = RB100#0



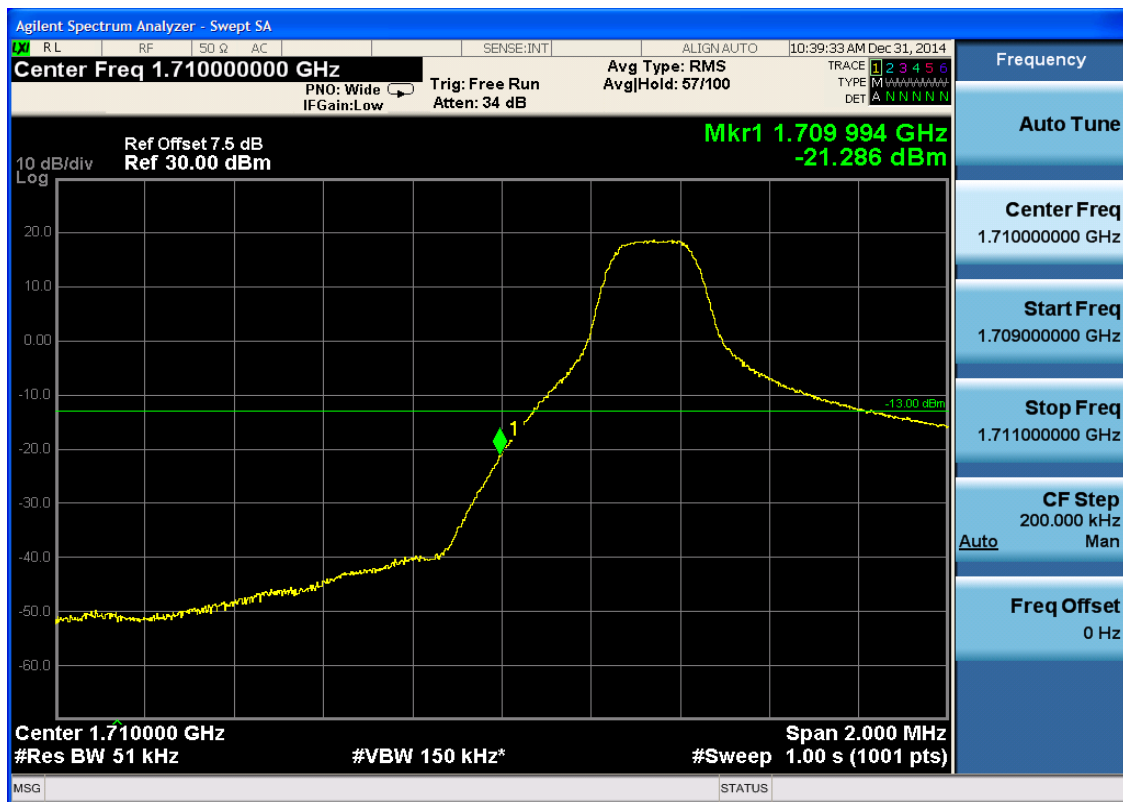


## 5.3.2.2 Test Mode = LTE/TM2

## 5.3.2.2.1 Test Bandwidth = 5

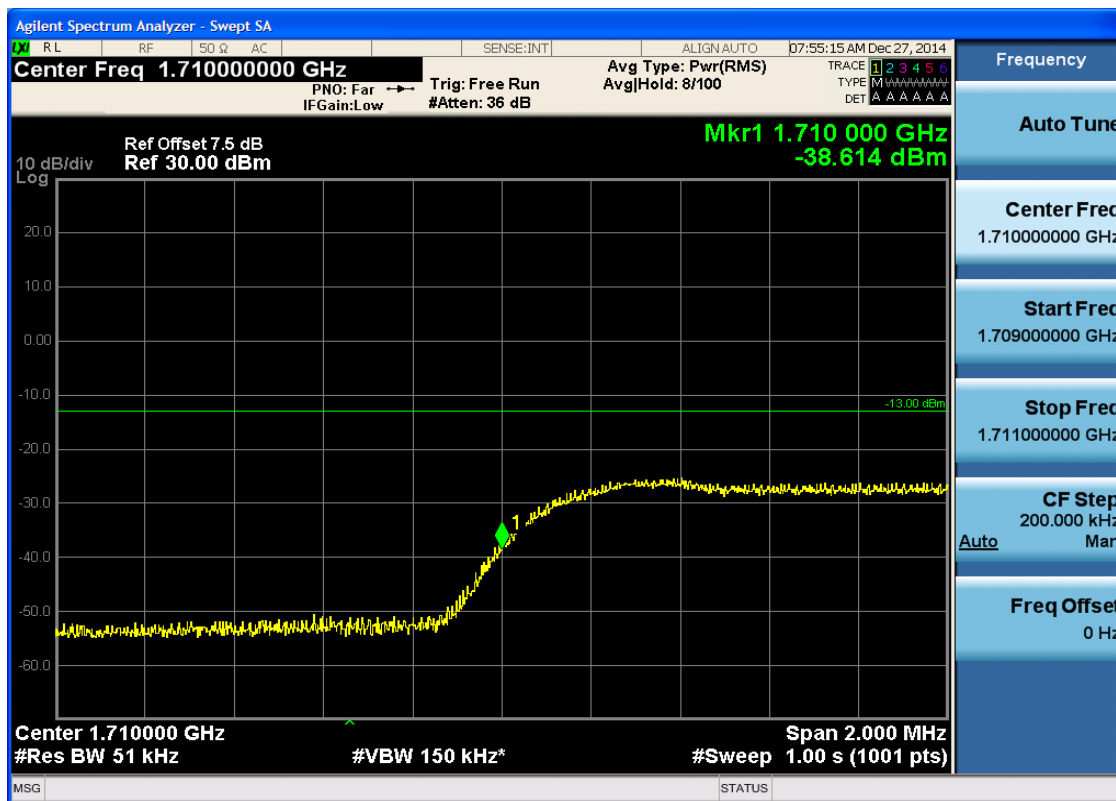
## 5.3.2.2.1.1 Test Channel = LCH

## 5.3.2.2.1.1.1 Test RB = RB1#0





## 5.3.2.2.1.1.2 Test RB = RB1#24







## 5.3.2.2.1.1.3 Test RB = RB12#6

