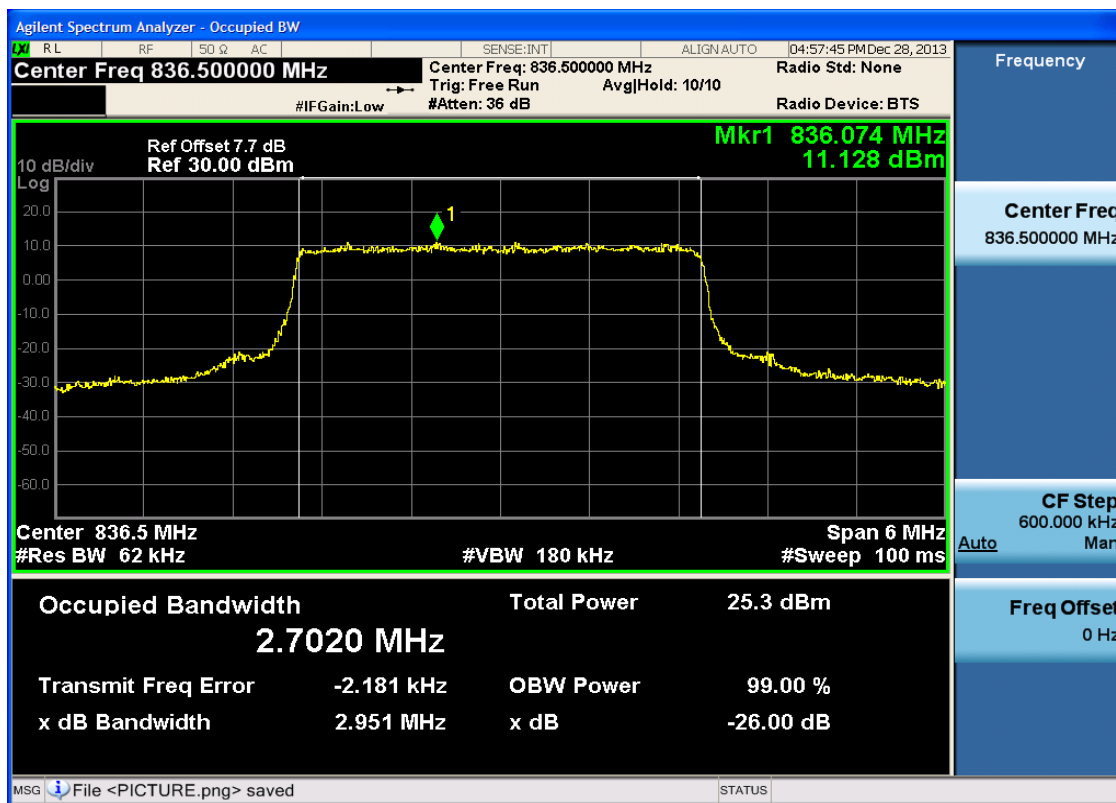


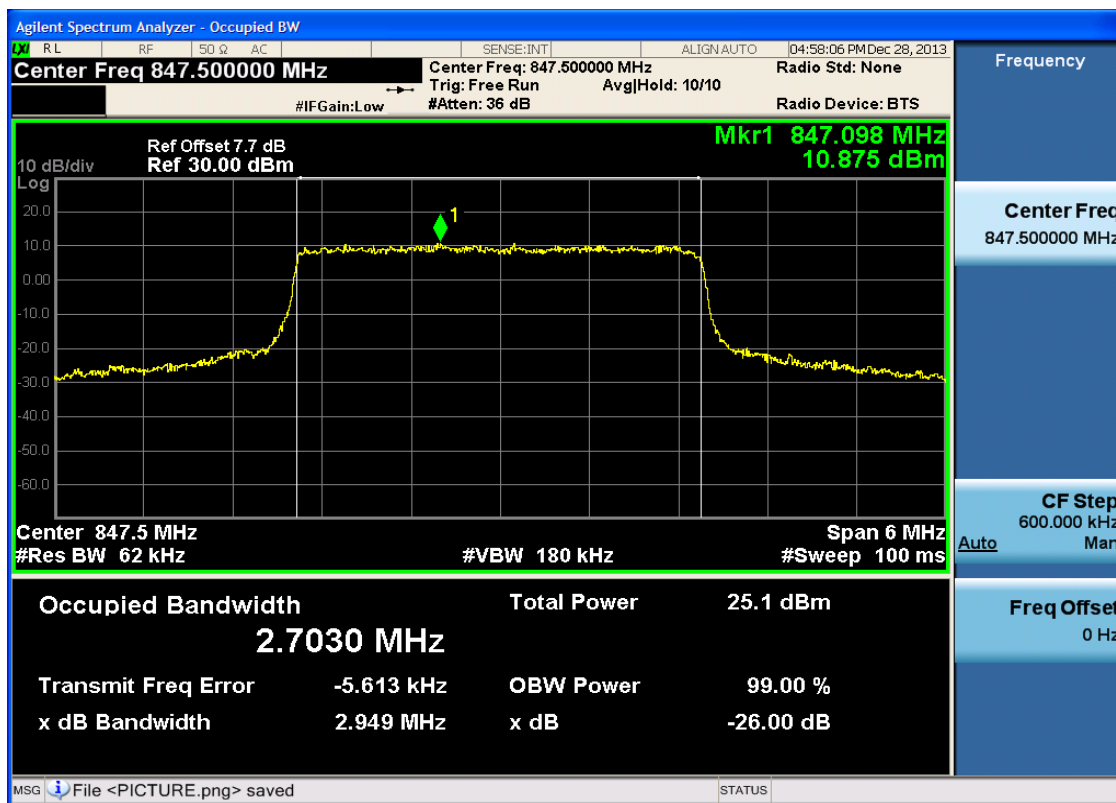
#### 4.1.2.1.2.2 Test Channel = MCH

##### 4.1.2.1.2.2.1 Test RB = RB15#0



#### 4.1.2.1.2.3 Test Channel = HCH

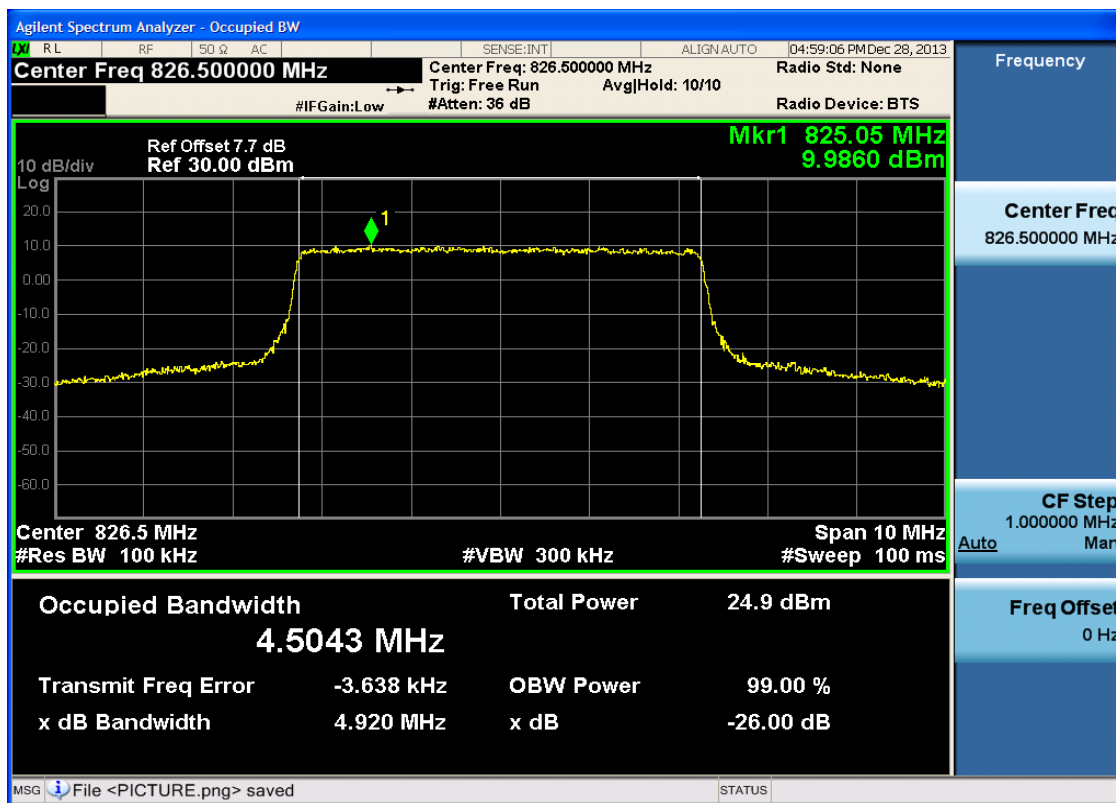
#### 4.1.2.1.2.3.1 Test RB = RB15#0



#### 4.1.2.1.3 Test Bandwidth = 5

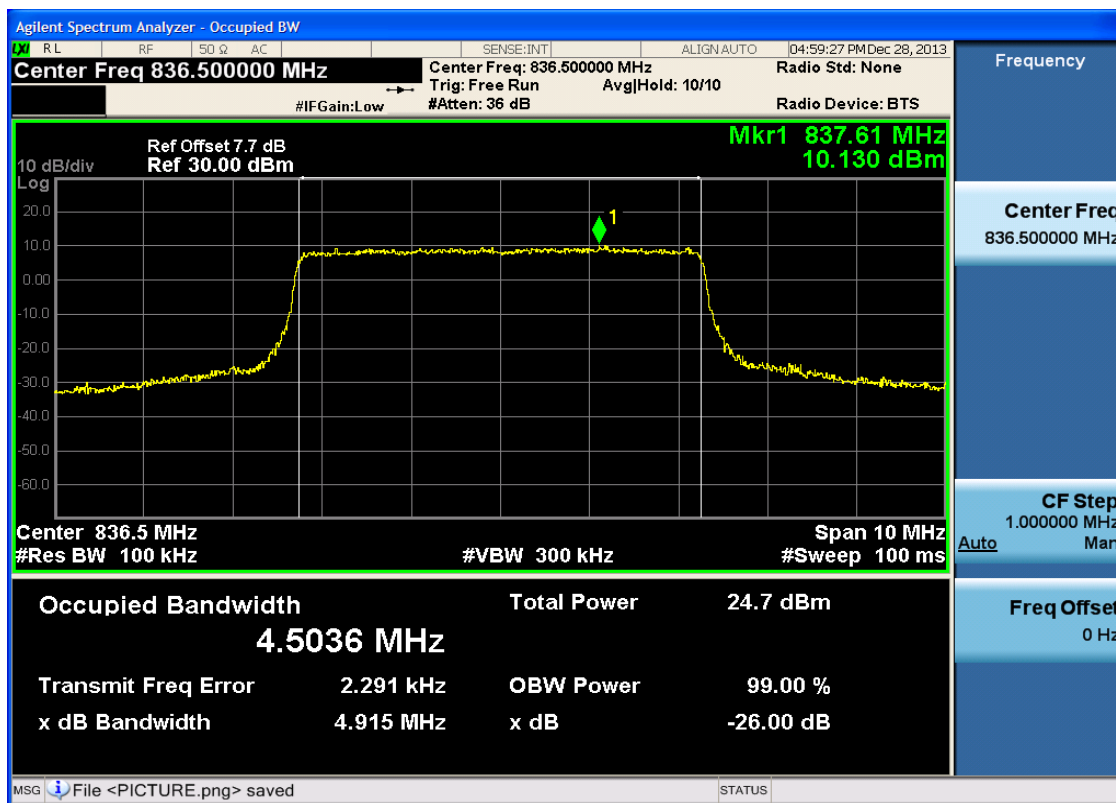
##### 4.1.2.1.3.1 Test Channel = LCH

##### 4.1.2.1.3.1.1 Test RB = RB25#0



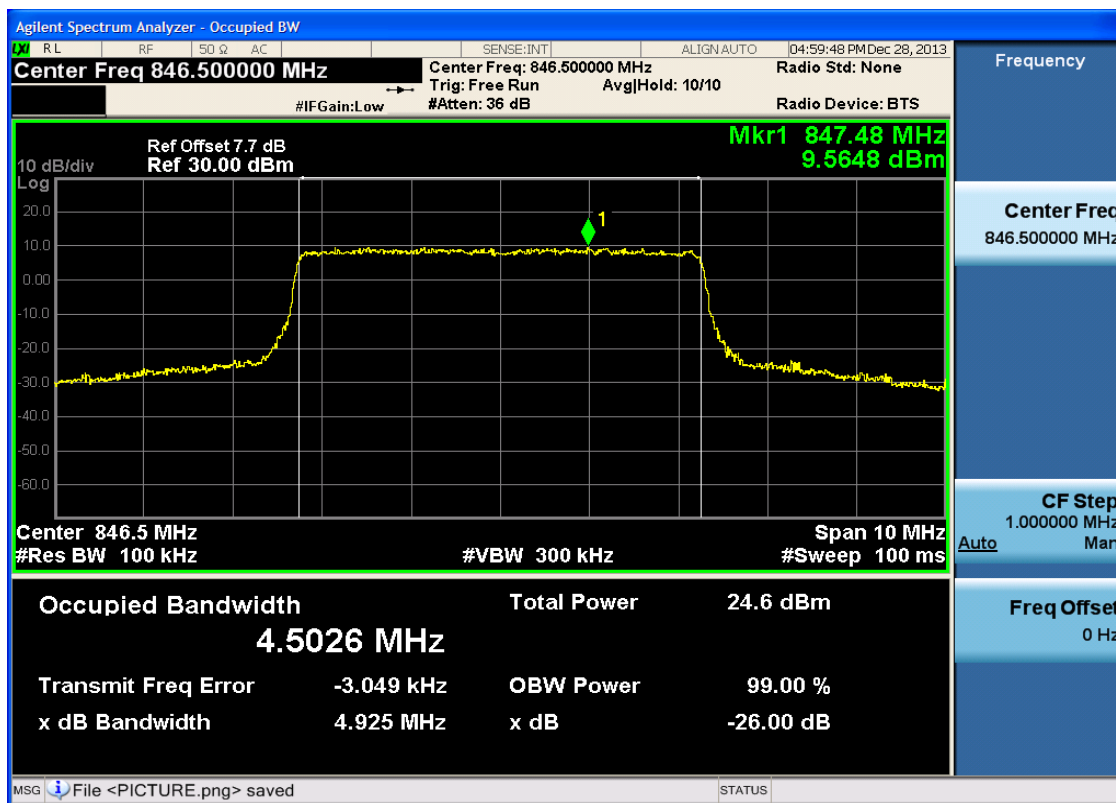
#### 4.1.2.1.3.2 Test Channel = MCH

##### 4.1.2.1.3.2.1 Test RB = RB25#0



#### 4.1.2.1.3.3 Test Channel = HCH

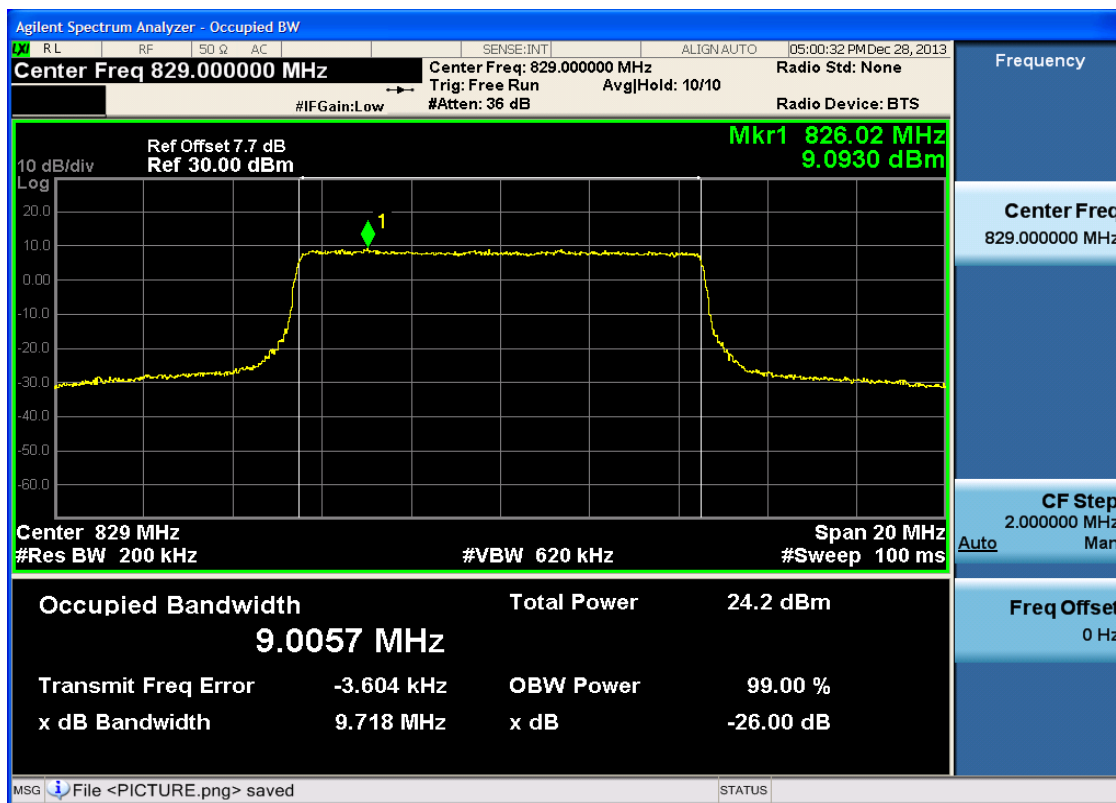
##### 4.1.2.1.3.3.1 Test RB = RB25#0



#### 4.1.2.1.4 Test Bandwidth = 10

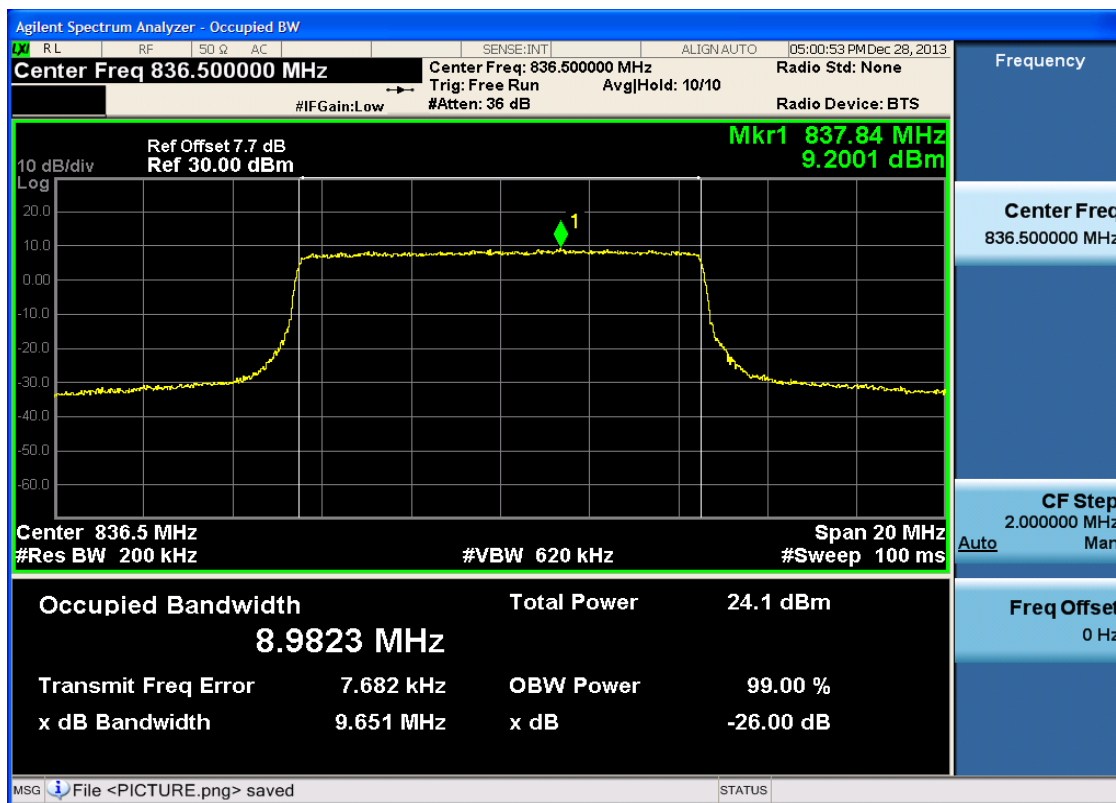
##### 4.1.2.1.4.1 Test Channel = LCH

##### 4.1.2.1.4.1.1 Test RB = RB50#0



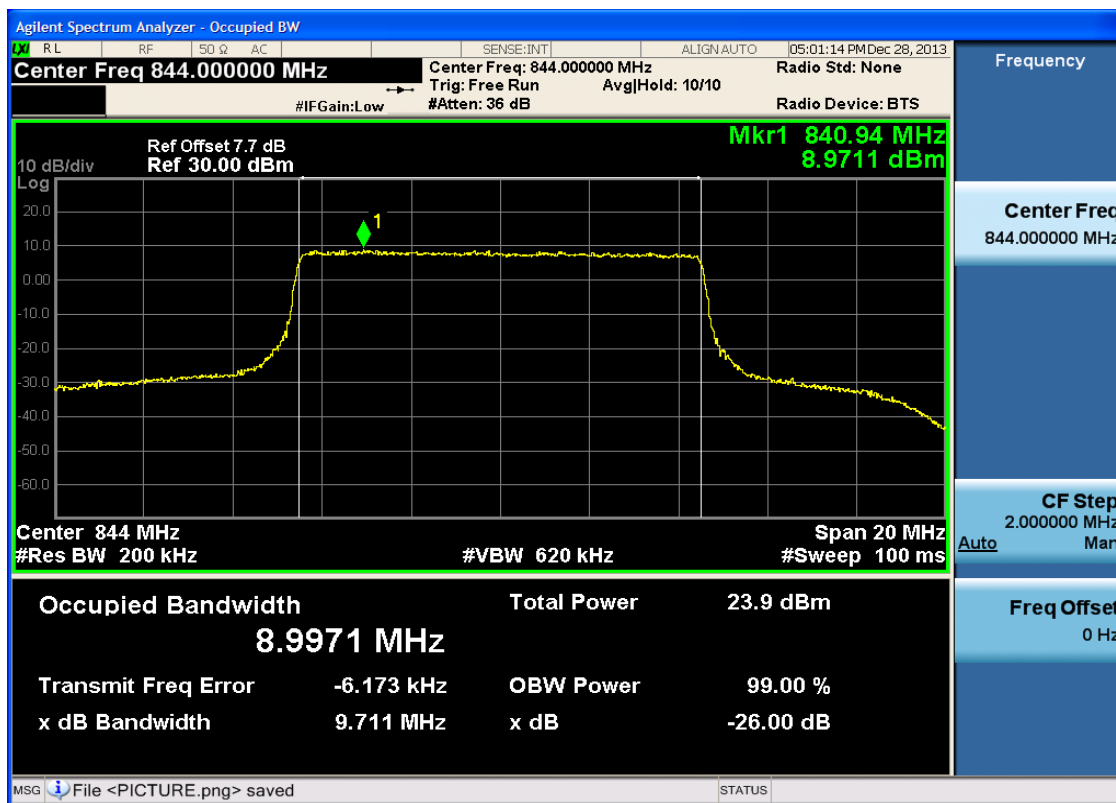
#### 4.1.2.1.4.2 Test Channel = MCH

##### 4.1.2.1.4.2.1 Test RB = RB50#0



#### 4.1.2.1.4.3 Test Channel = HCH

##### 4.1.2.1.4.3.1 Test RB = RB50#0

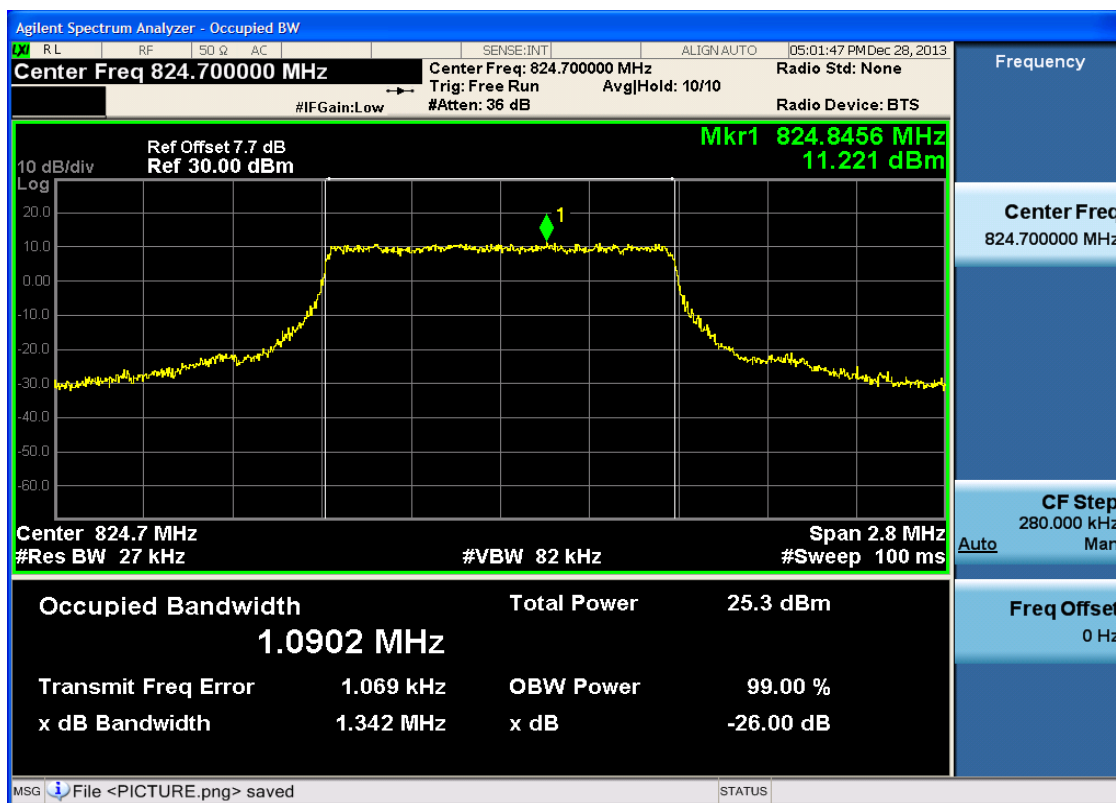


#### 4.1.2.2 Test Mode = LTE/TM2

##### 4.1.2.2.1 Test Bandwidth = 1.4

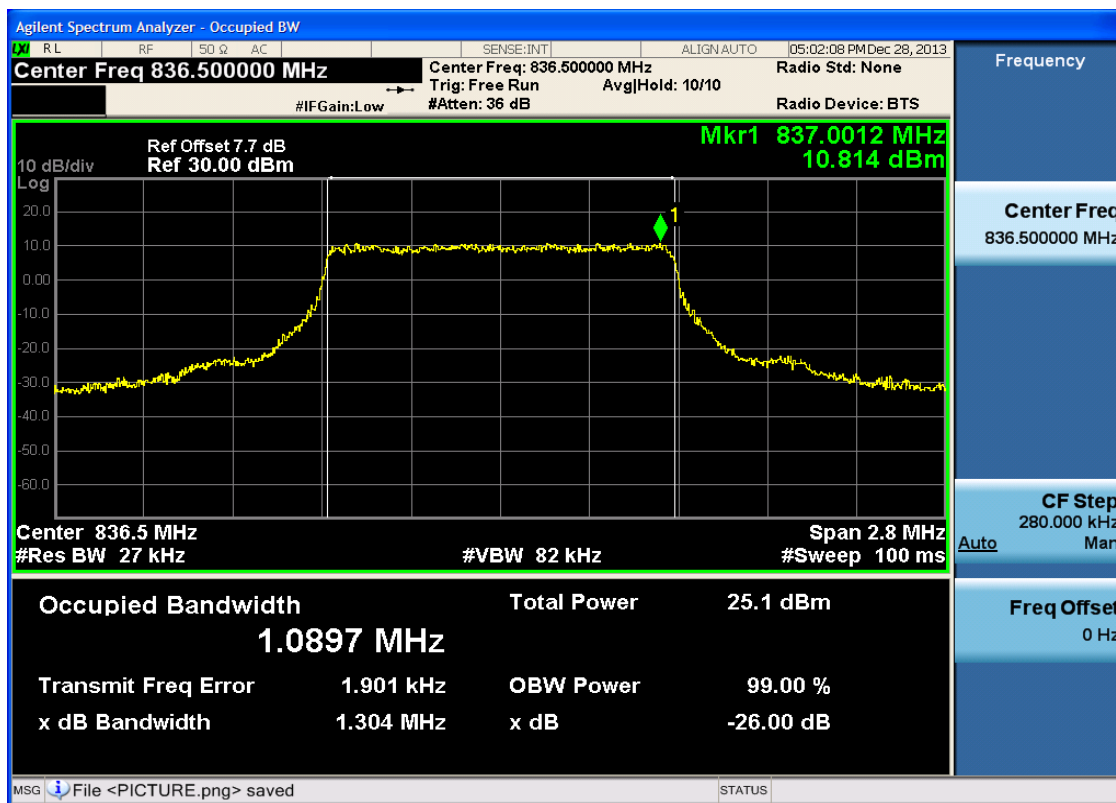
##### 4.1.2.2.1.1 Test Channel = LCH

##### 4.1.2.2.1.1.1 Test RB = RB6#0



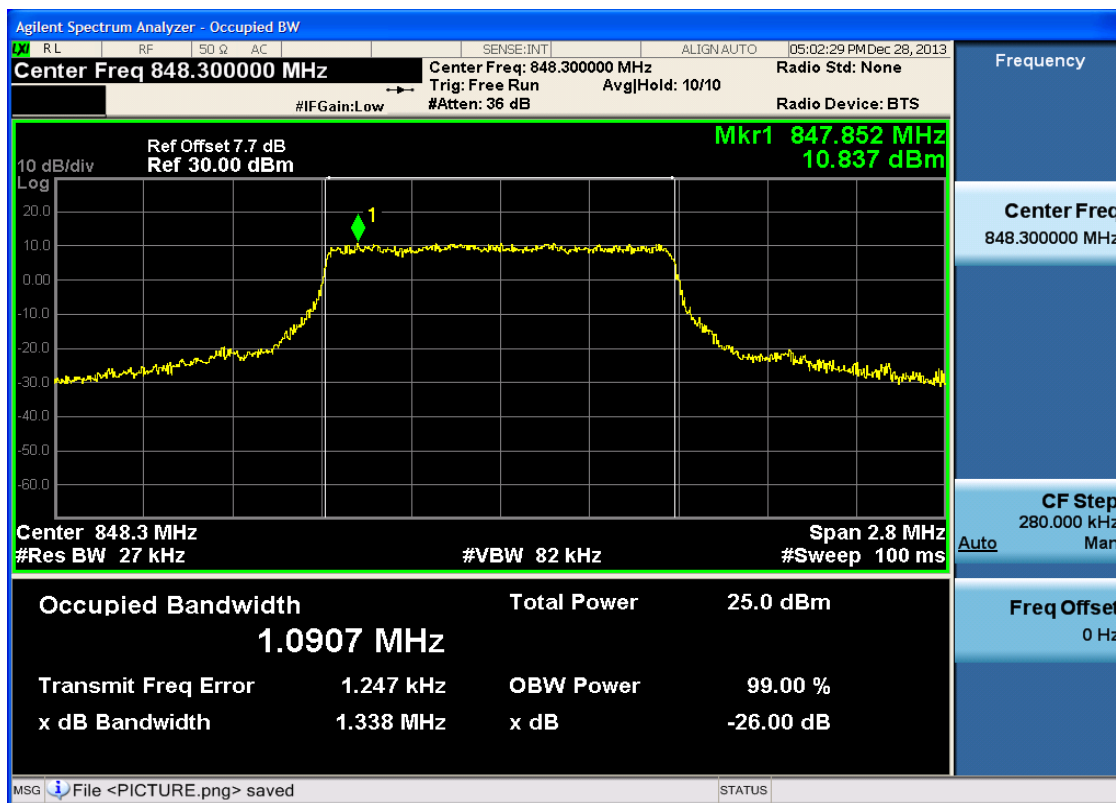
#### 4.1.2.2.1.2 Test Channel = MCH

#### 4.1.2.2.1.2.1 Test RB = RB6#0



#### 4.1.2.2.1.3 Test Channel = HCH

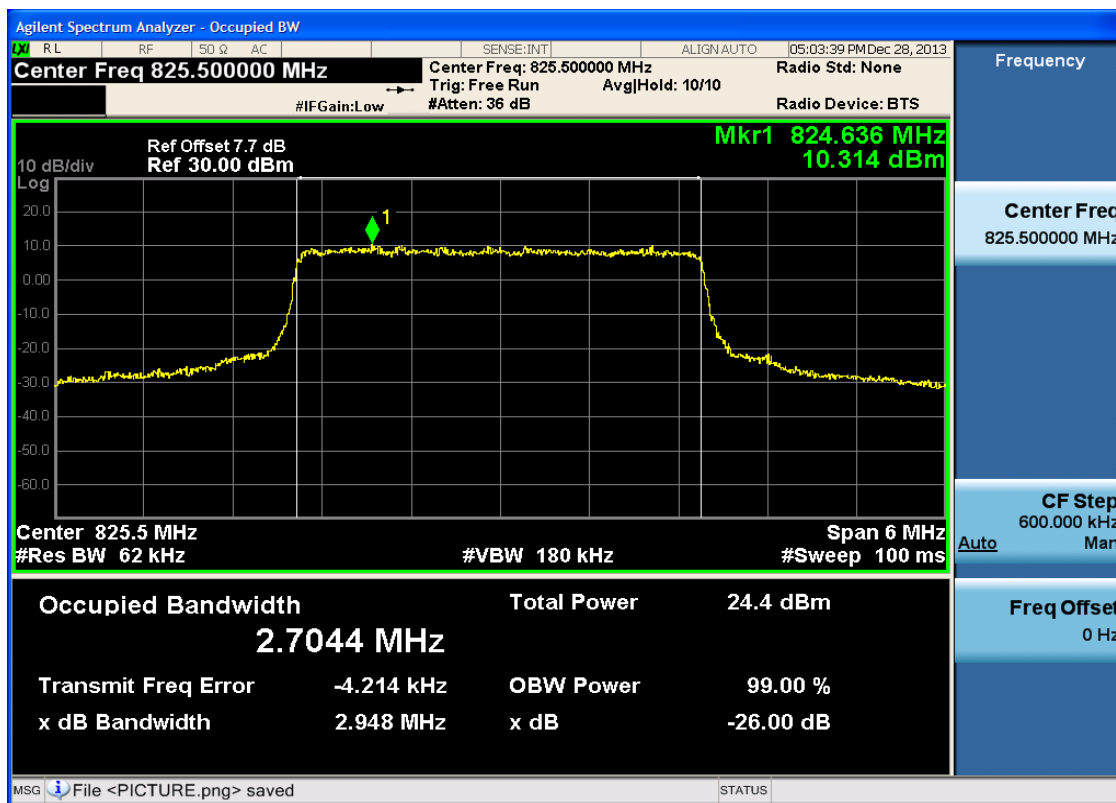
##### 4.1.2.2.1.3.1 Test RB = RB6#0



#### 4.1.2.2.2 Test Bandwidth = 3

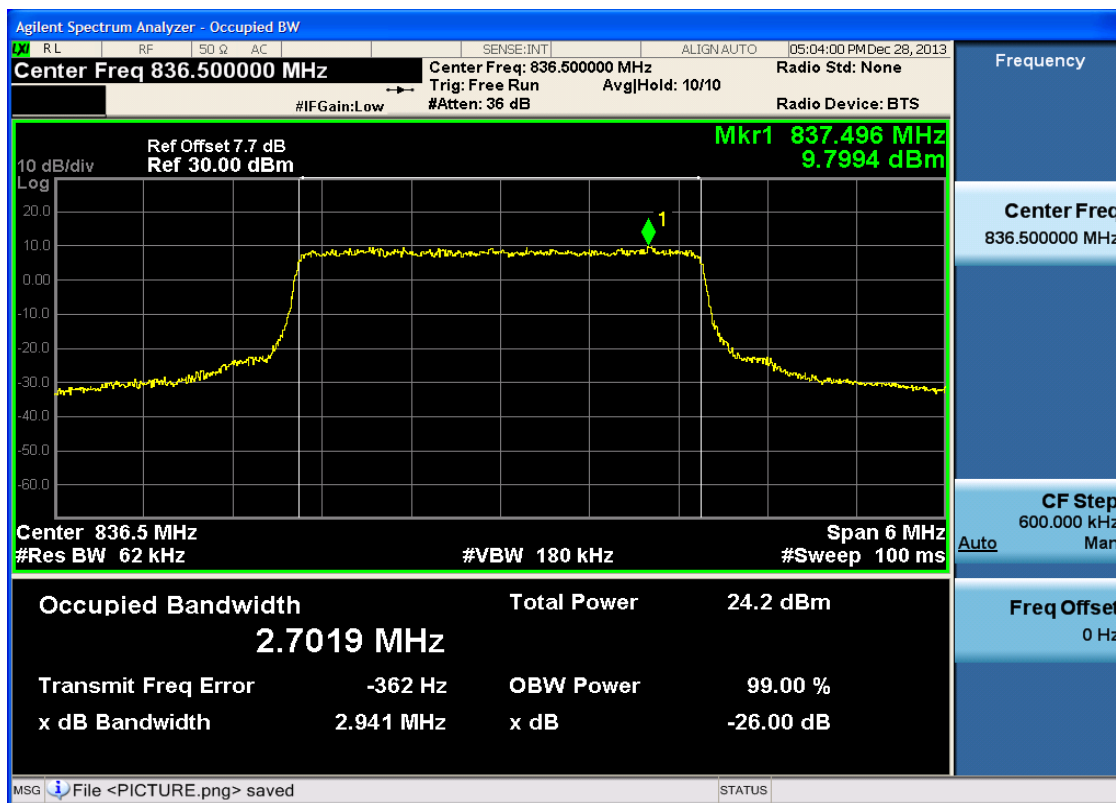
##### 4.1.2.2.2.1 Test Channel = LCH

##### 4.1.2.2.2.1.1 Test RB = RB15#0



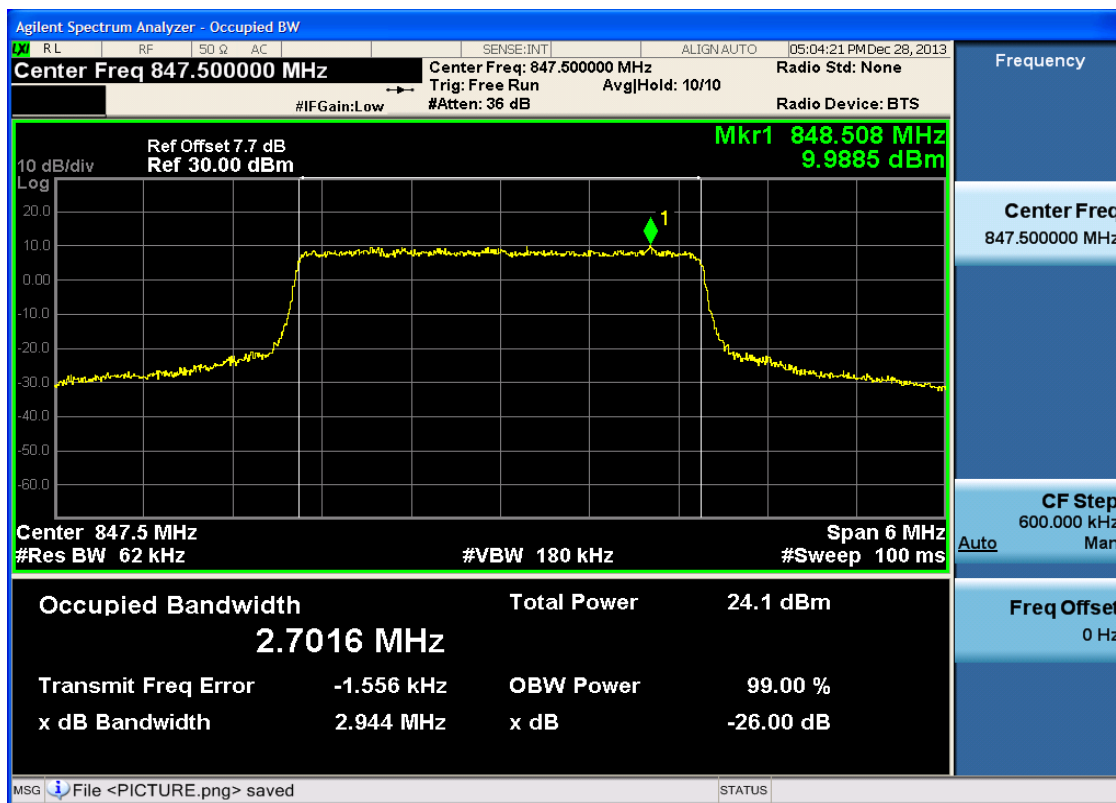
#### 4.1.2.2.2.2 Test Channel = MCH

#### 4.1.2.2.2.1 Test RB = RB15#0



#### 4.1.2.2.2.3 Test Channel = HCH

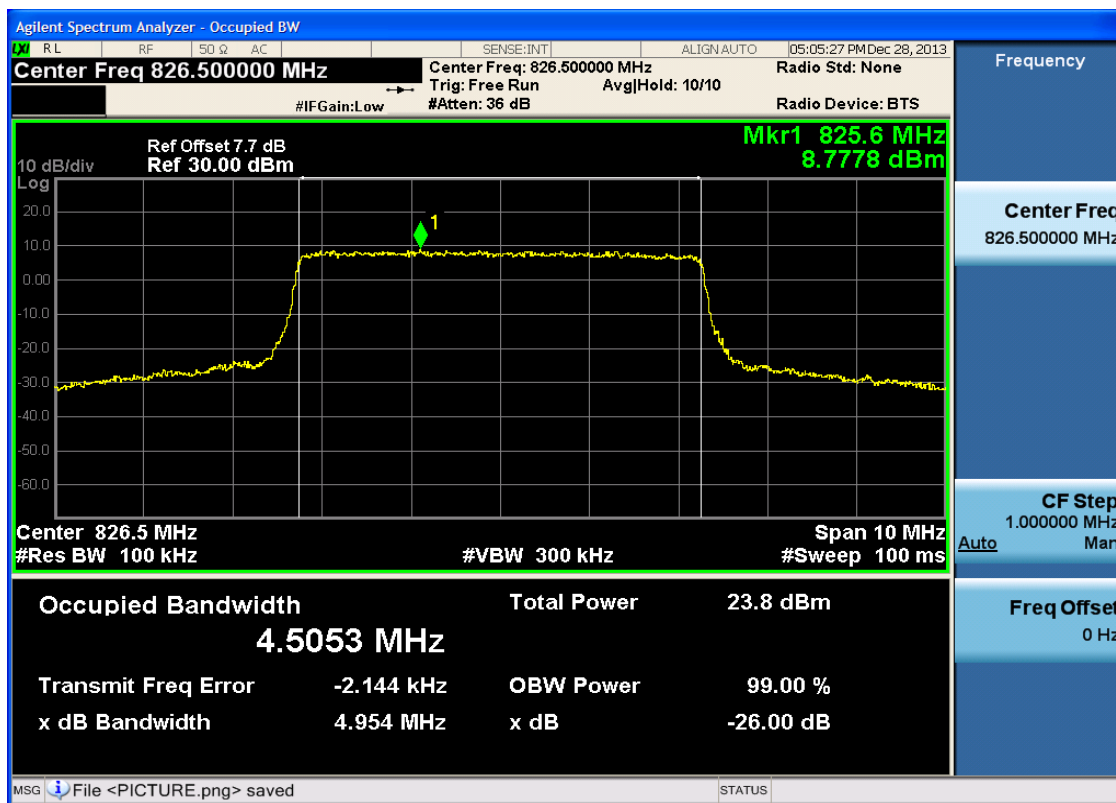
#### 4.1.2.2.2.3.1 Test RB = RB15#0



#### 4.1.2.2.3 Test Bandwidth = 5

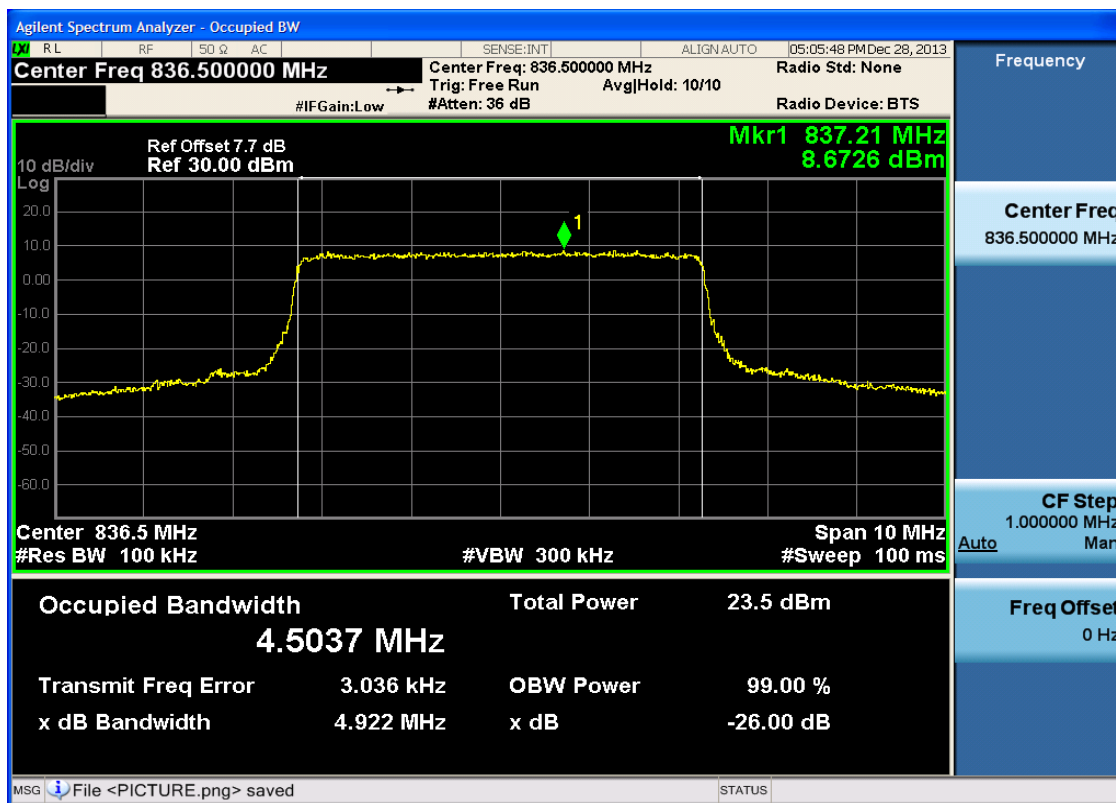
##### 4.1.2.2.3.1 Test Channel = LCH

##### 4.1.2.2.3.1.1 Test RB = RB25#0



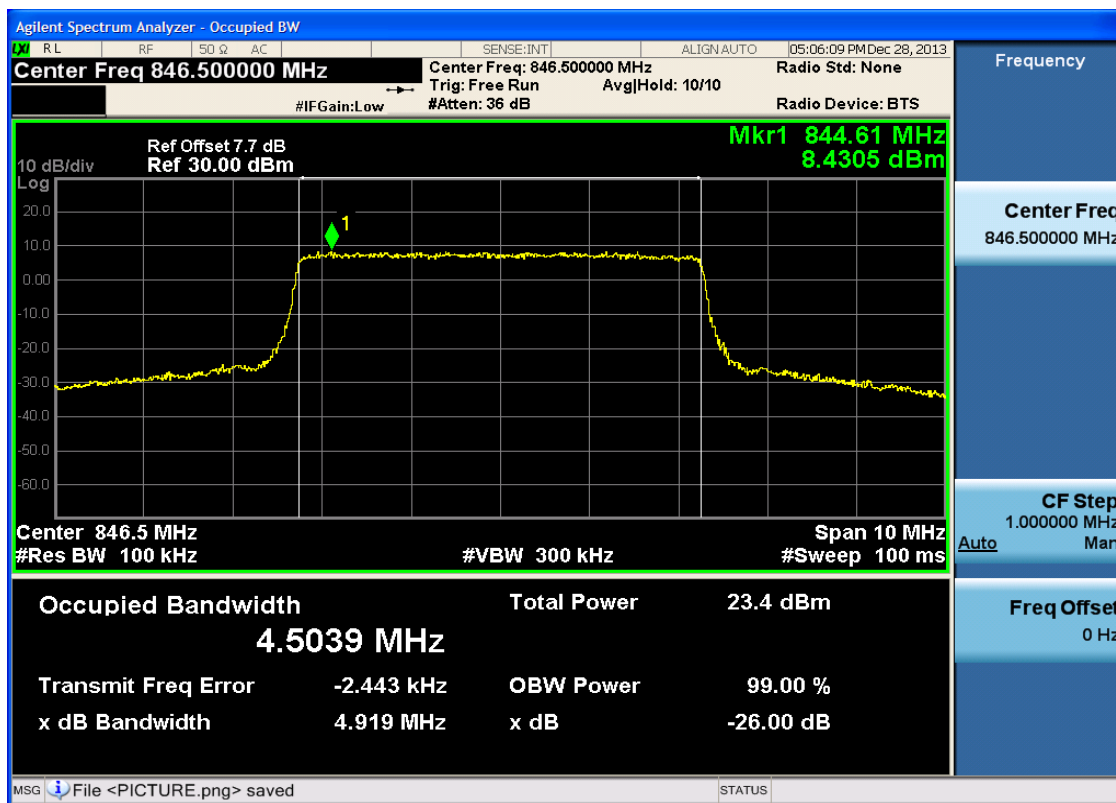
#### 4.1.2.2.3.2 Test Channel = MCH

##### 4.1.2.2.3.2.1 Test RB = RB25#0



#### 4.1.2.2.3.3 Test Channel = HCH

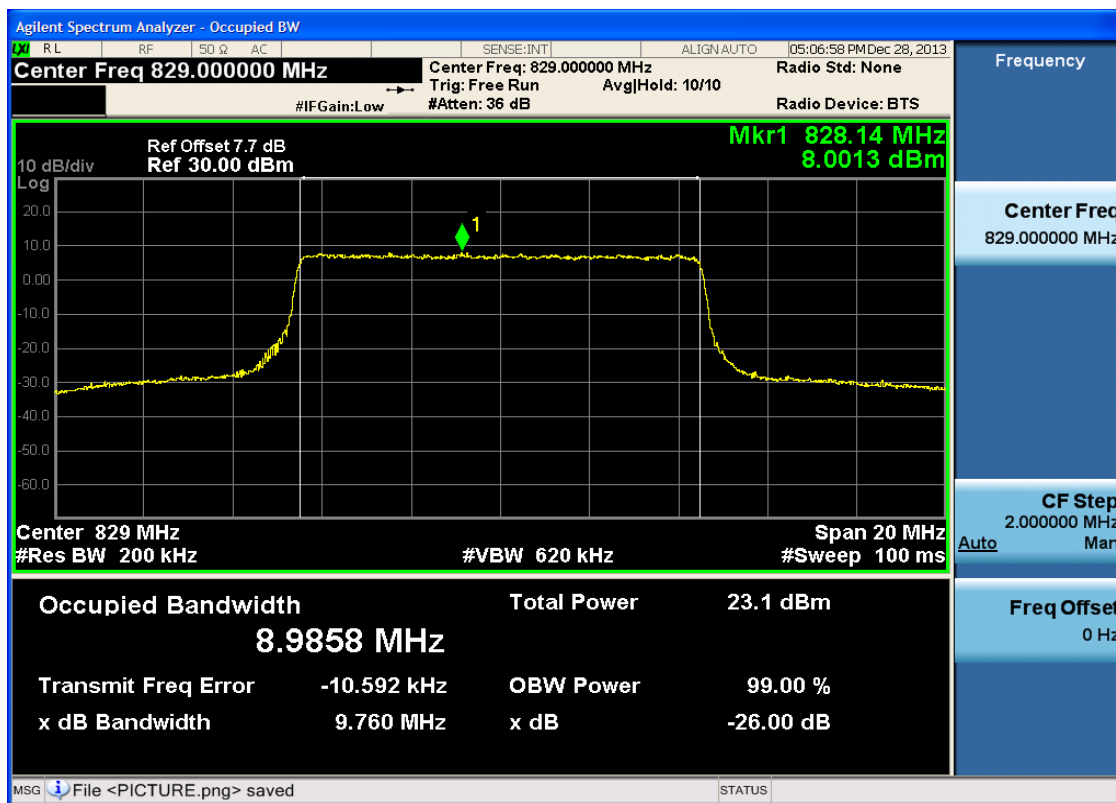
##### 4.1.2.2.3.3.1 Test RB = RB25#0



#### 4.1.2.2.4 Test Bandwidth = 10

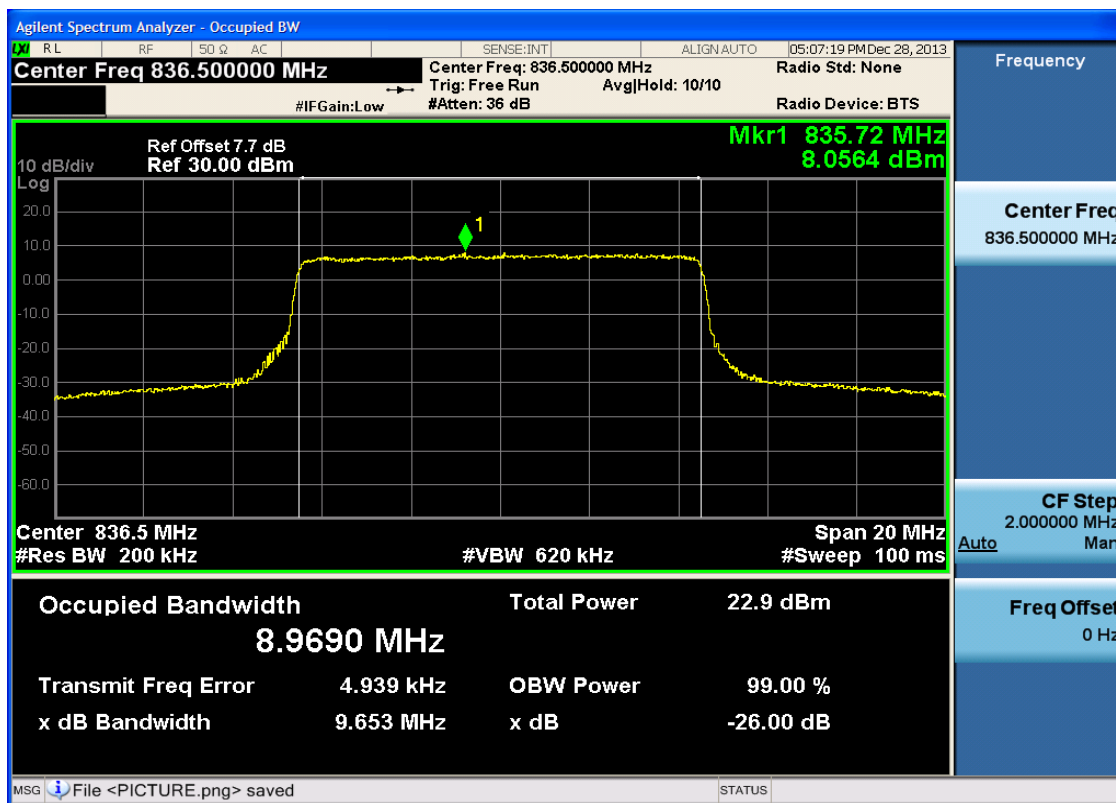
##### 4.1.2.2.4.1 Test Channel = LCH

##### 4.1.2.2.4.1.1 Test RB = RB50#0



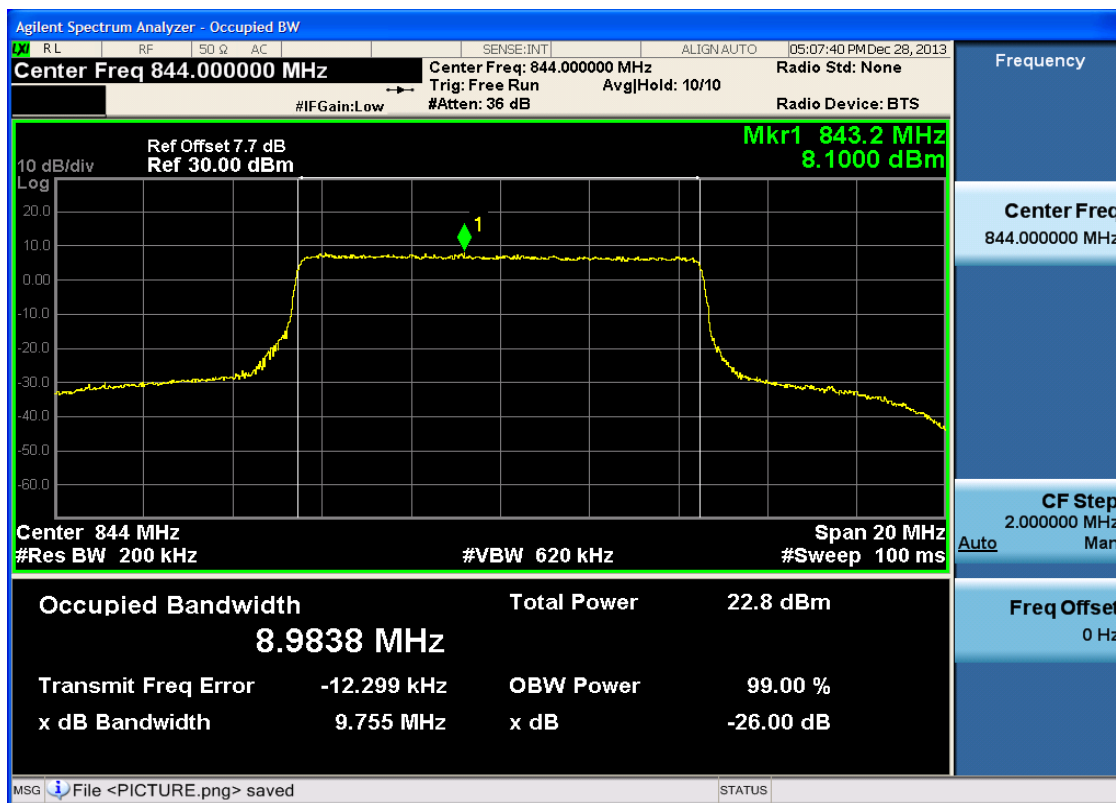
#### 4.1.2.2.4.2 Test Channel = MCH

##### 4.1.2.2.4.2.1 Test RB = RB50#0



#### 4.1.2.2.4.3 Test Channel = HCH

##### 4.1.2.2.4.3.1 Test RB = RB50#0



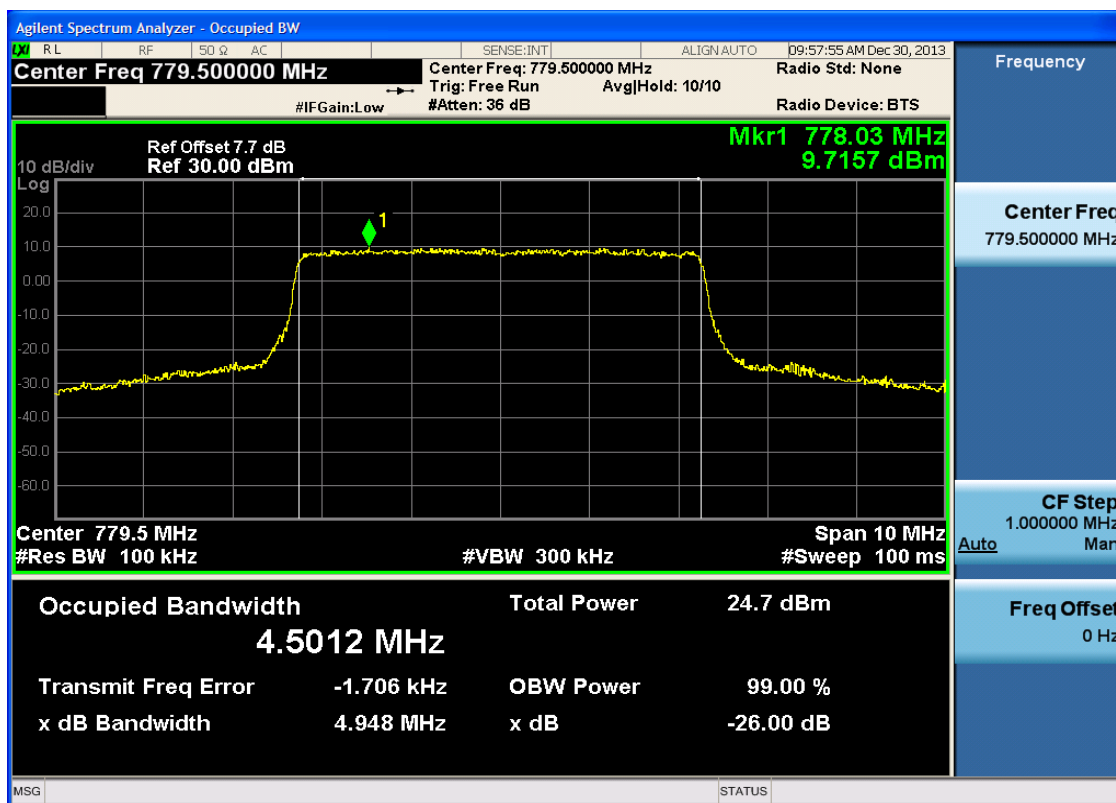
#### 4.3.5 Test Band = BAND13

#### 4.1.4.1 Test Mode = LTE/TM1

#### 4.1.4.1.1 Test Bandwidth = 5

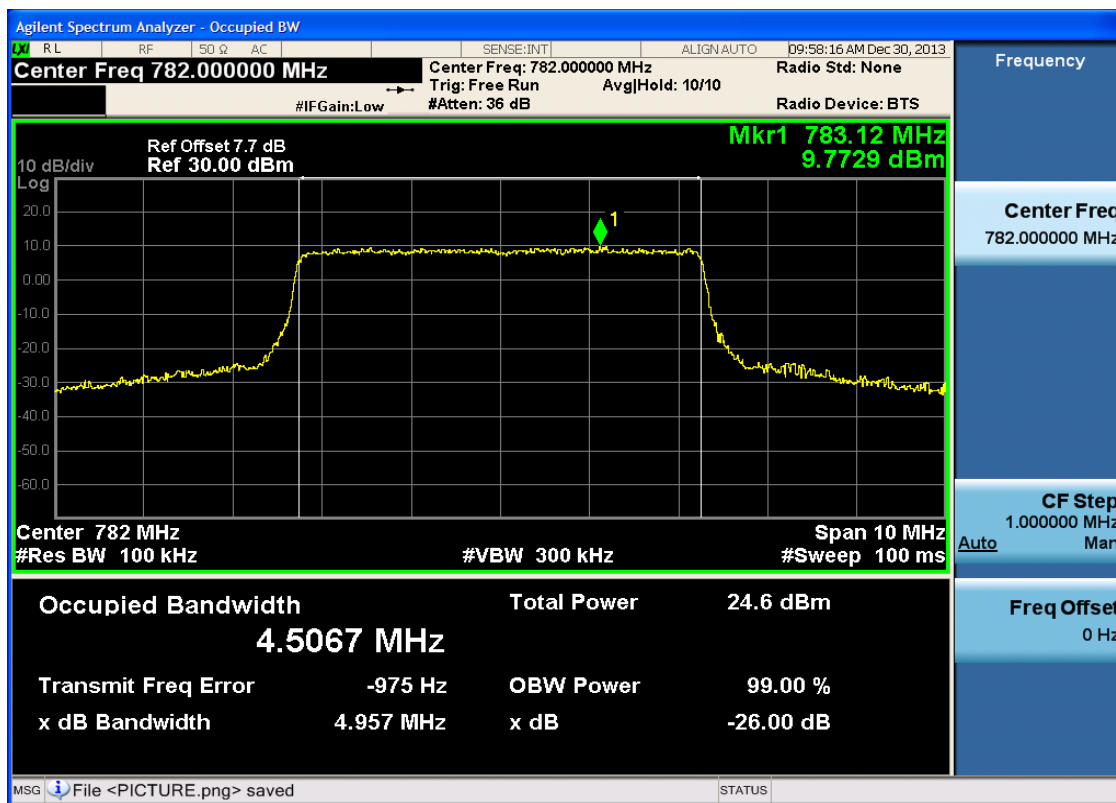
#### 4.1.4.1.1.1 Test Channel = LCH

#### 4.1.4.1.1.1.1 Test RB = RB25#0



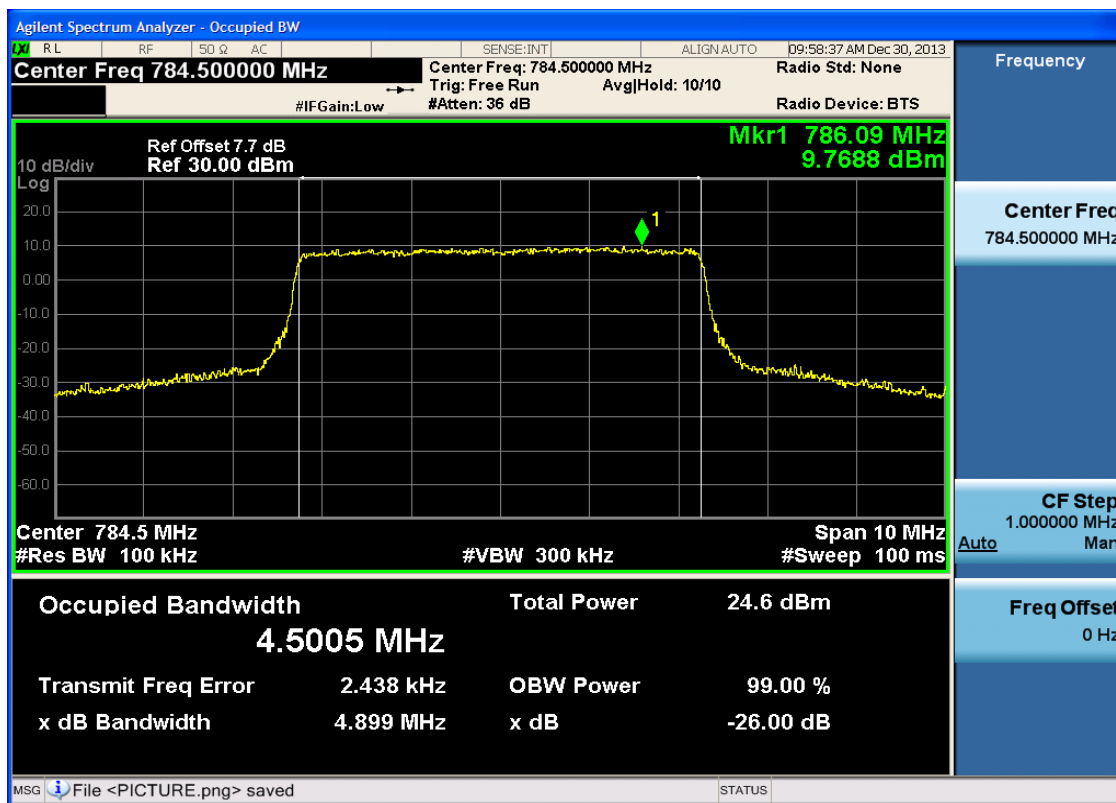
#### 4.1.4.1.1.2 Test Channel = MCH

#### 4.1.4.1.1.2.1 Test RB = RB25#0



#### 4.1.4.1.1.3 Test Channel = HCH

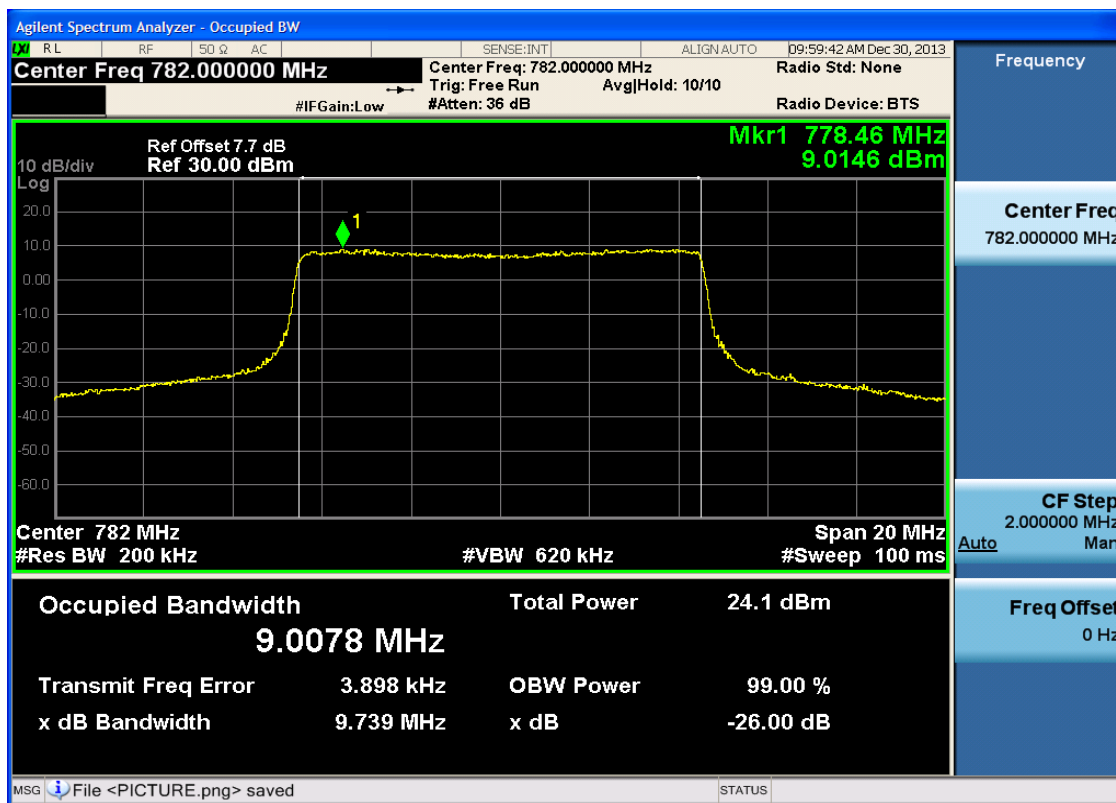
#### 4.1.4.1.1.3.1 Test RB = RB25#0



#### 4.1.4.1.2 Test Bandwidth = 10

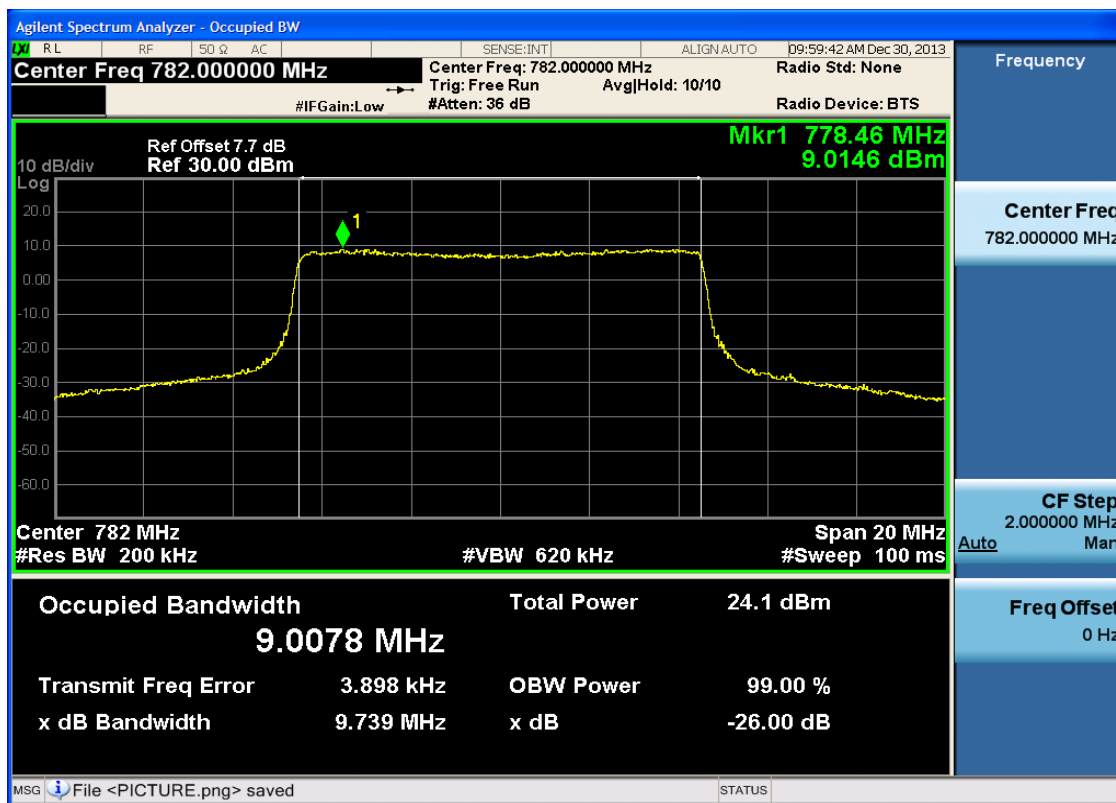
##### 4.1.4.1.2.1 Test Channel = LCH

##### 4.1.4.1.2.1.1 Test RB = RB50#0



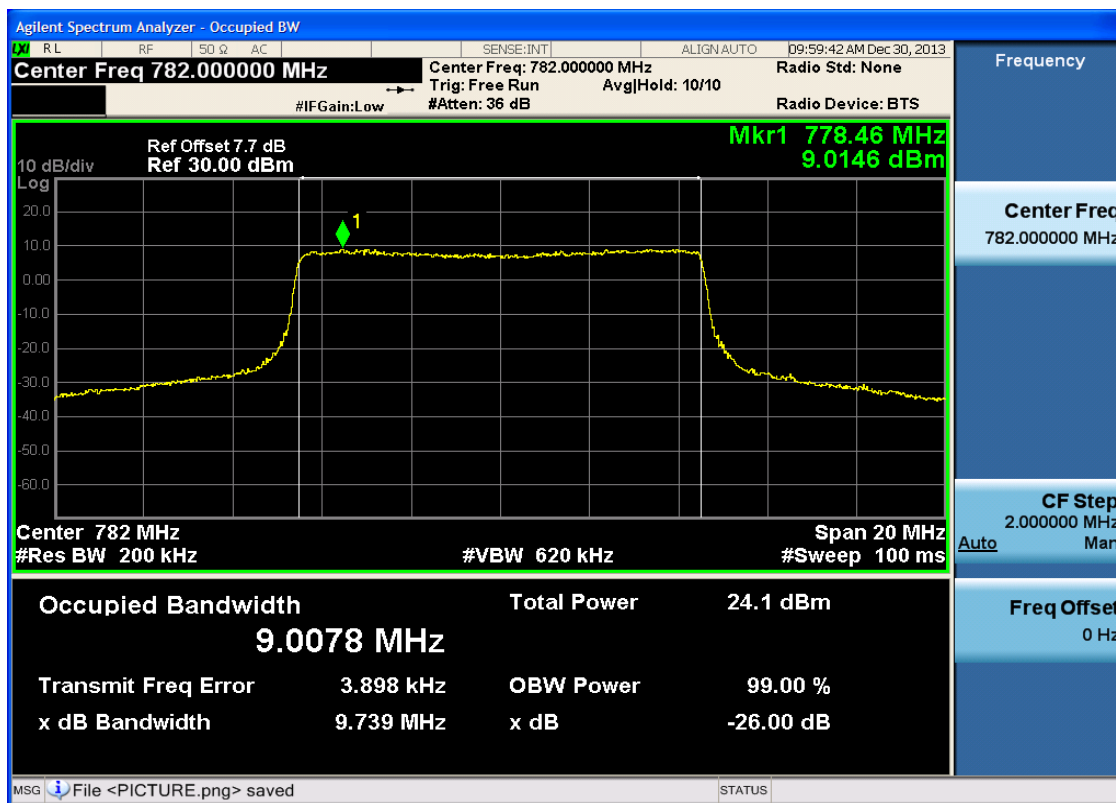
#### 4.1.4.1.2.2 Test Channel = MCH

#### 4.1.4.1.2.2.1 Test RB = RB50#0



#### 4.1.4.1.2.3 Test Channel = HCH

#### 4.1.4.1.2.3.1 Test RB = RB50#0

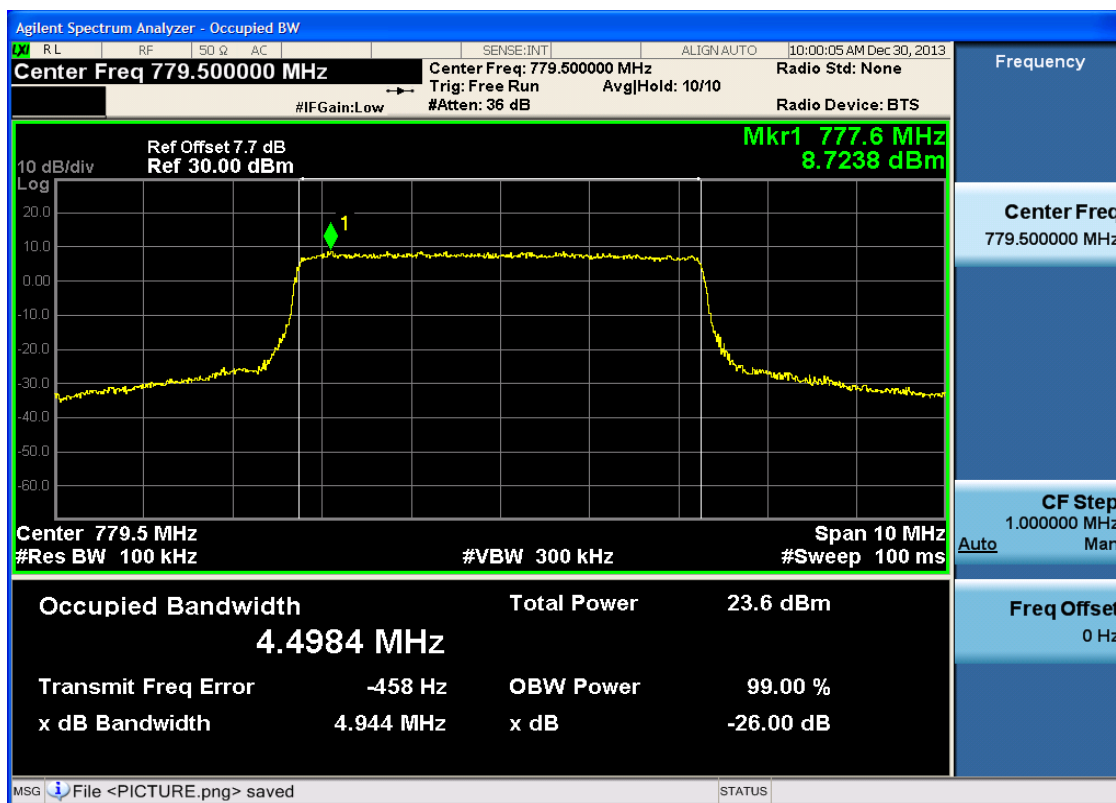


#### 4.1.4.2 Test Mode = LTE/TM2

##### 4.1.4.2.1 Test Bandwidth = 5

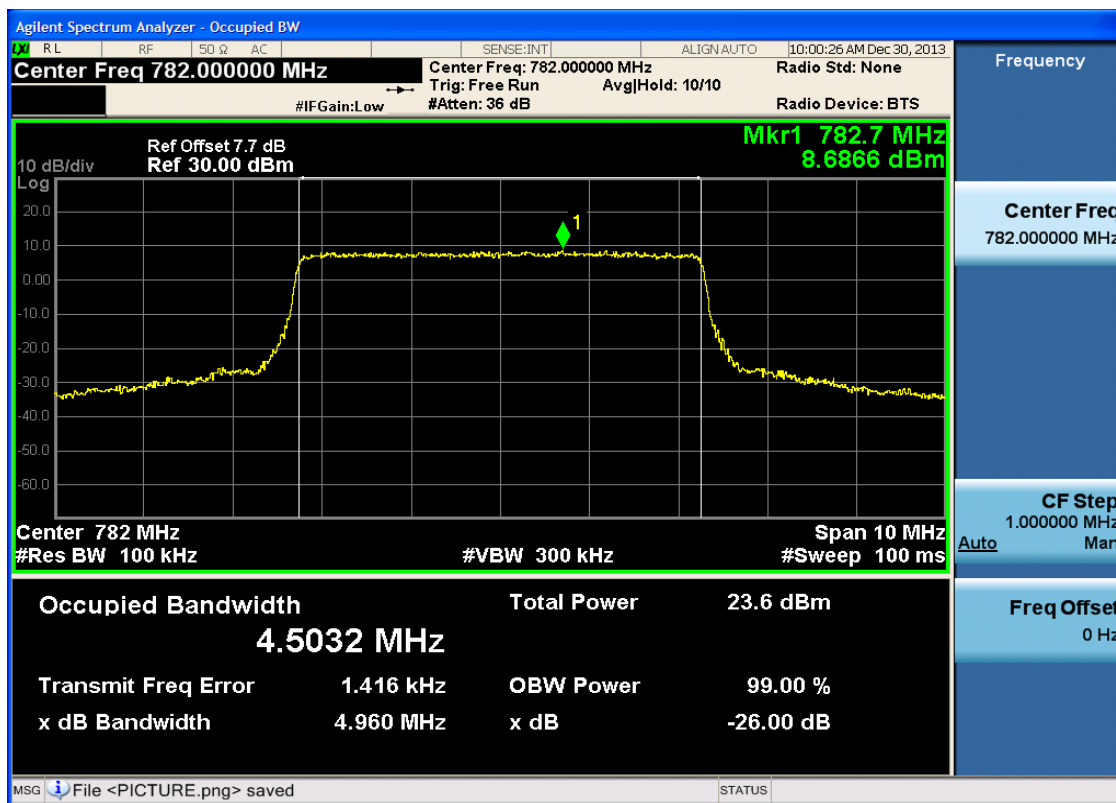
##### 4.1.4.2.1.1 Test Channel = LCH

##### 4.1.4.2.1.1.1 Test RB = RB25#0



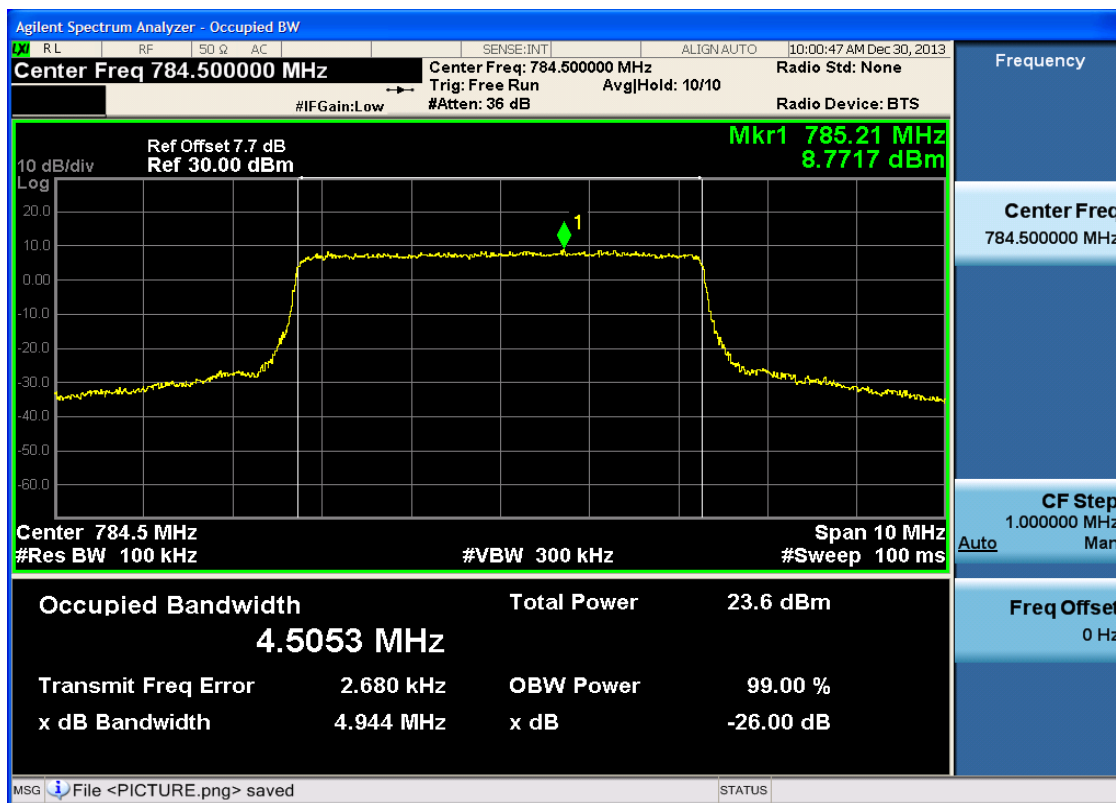
#### 4.1.4.2.1.2 Test Channel = MCH

##### 4.1.4.2.1.2.1 Test RB = RB25#0



#### 4.1.4.2.1.3 Test Channel = HCH

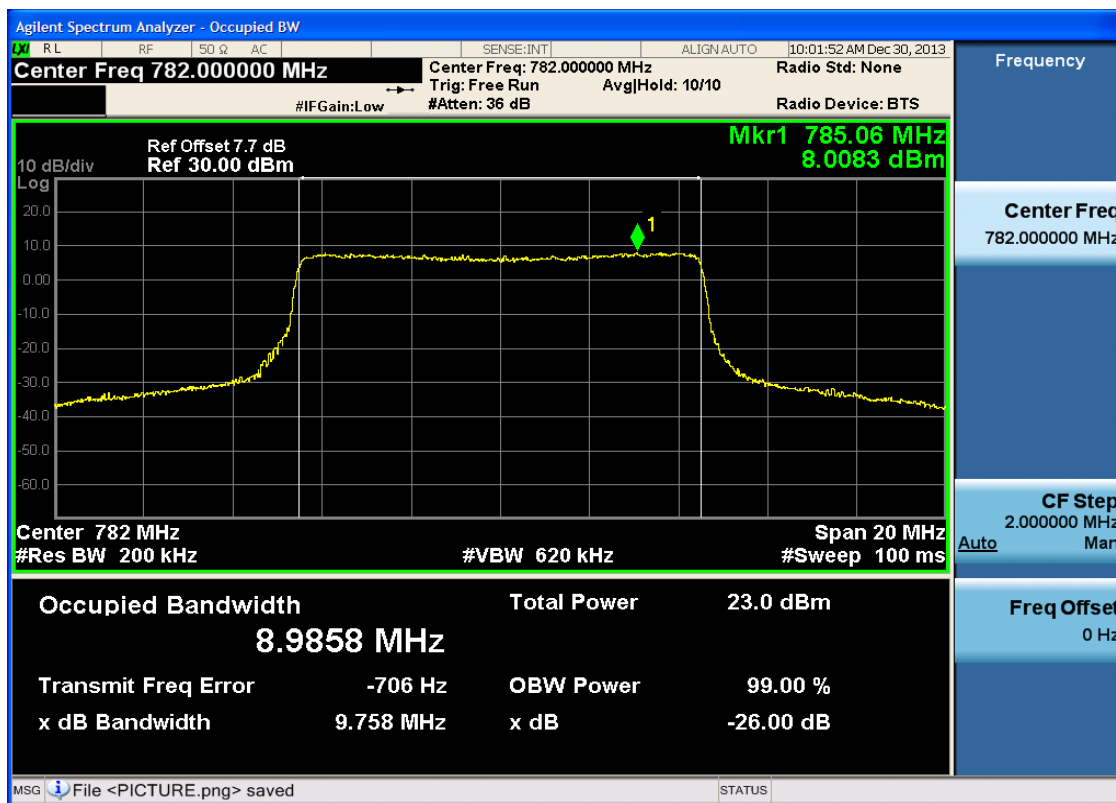
##### 4.1.4.2.1.3.1 Test RB = RB25#0



#### 4.1.4.2.2 Test Bandwidth = 10

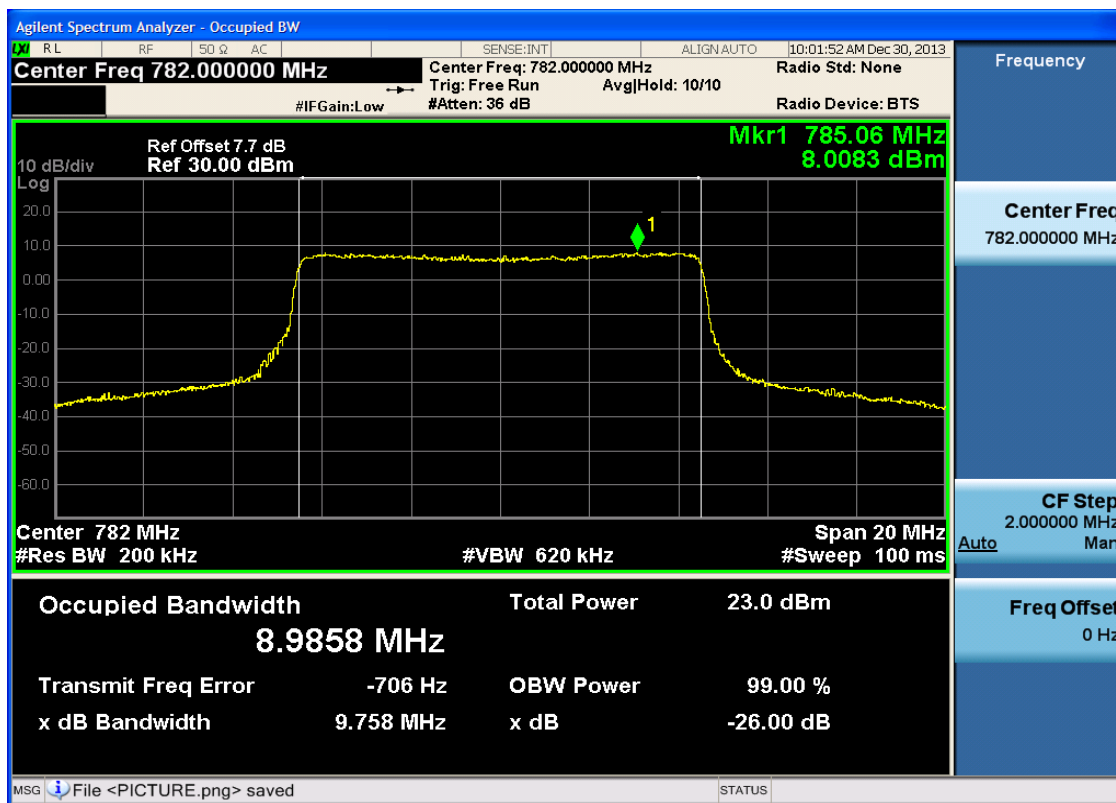
##### 4.1.4.2.2.1 Test Channel = LCH

##### 4.1.4.2.2.1.1 Test RB = RB50#0



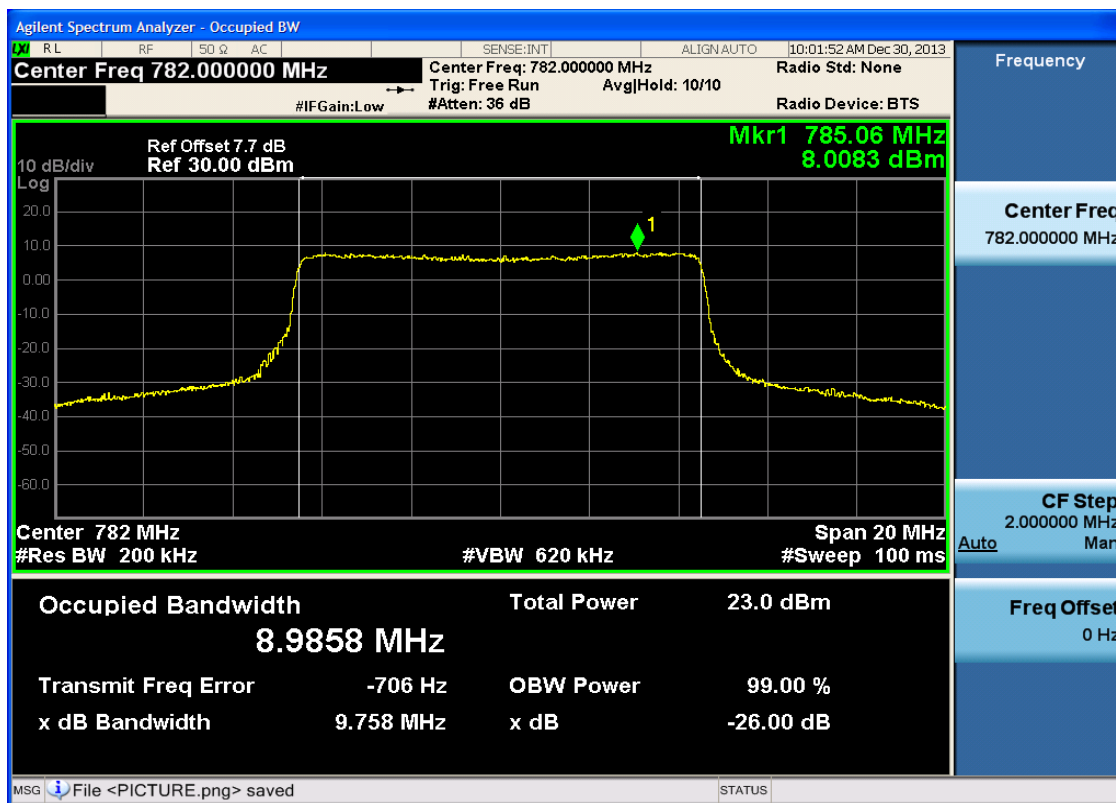
#### 4.1.4.2.2.2 Test Channel = MCH

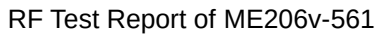
##### 4.1.4.2.2.1 Test RB = RB50#0



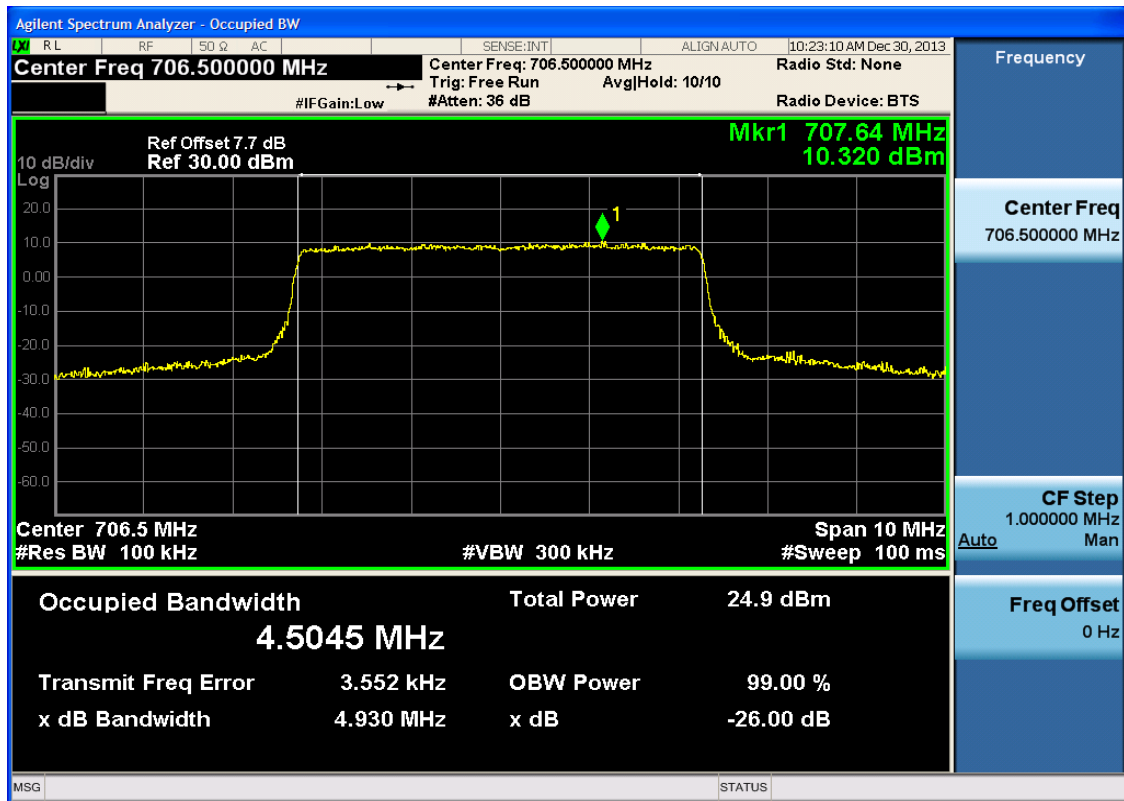
#### 4.1.4.2.2.3 Test Channel = HCH

##### 4.1.4.2.2.3.1 Test RB = RB50#0



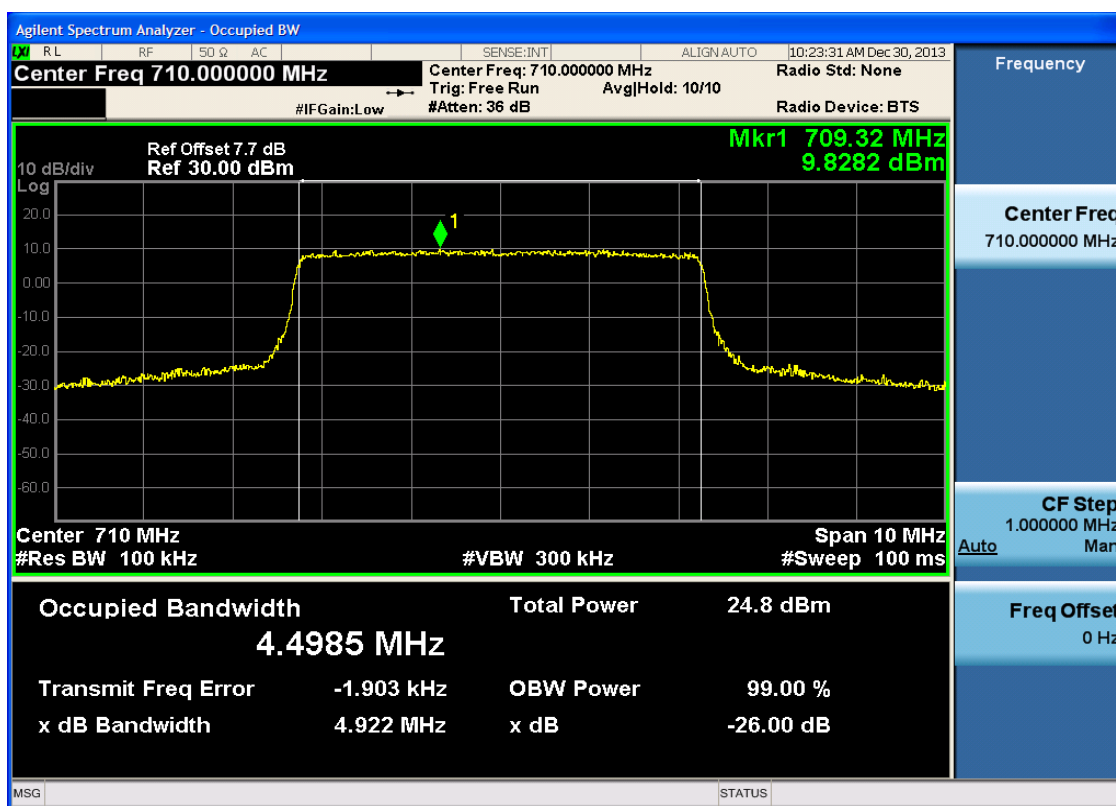


#### 4.1.5.1.1.1.1 Test RB = RB25#0



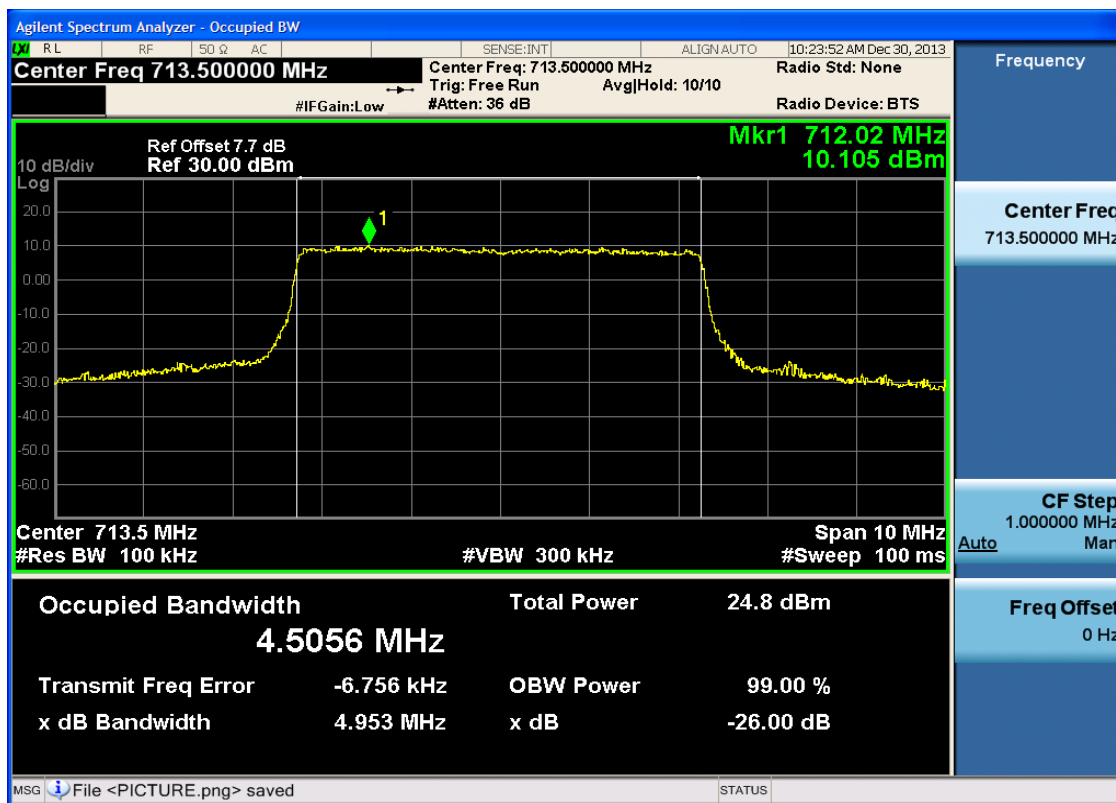
#### 4.1.5.1.1.2 Test Channel = MCH

#### 4.1.5.1.1.2.1 Test RB = RB25#0



#### 4.1.5.1.1.3 Test Channel = HCH

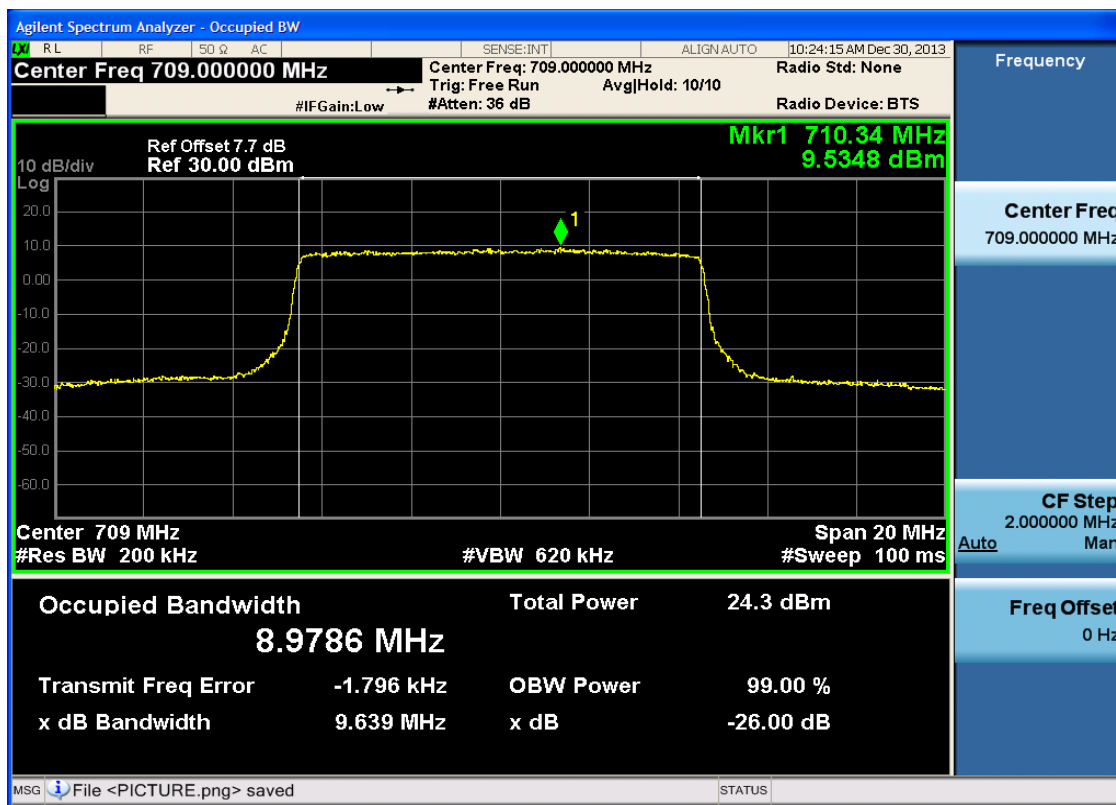
##### 4.1.5.1.1.3.1 Test RB = RB25#0



#### 4.1.5.1.2 Test Bandwidth = 10

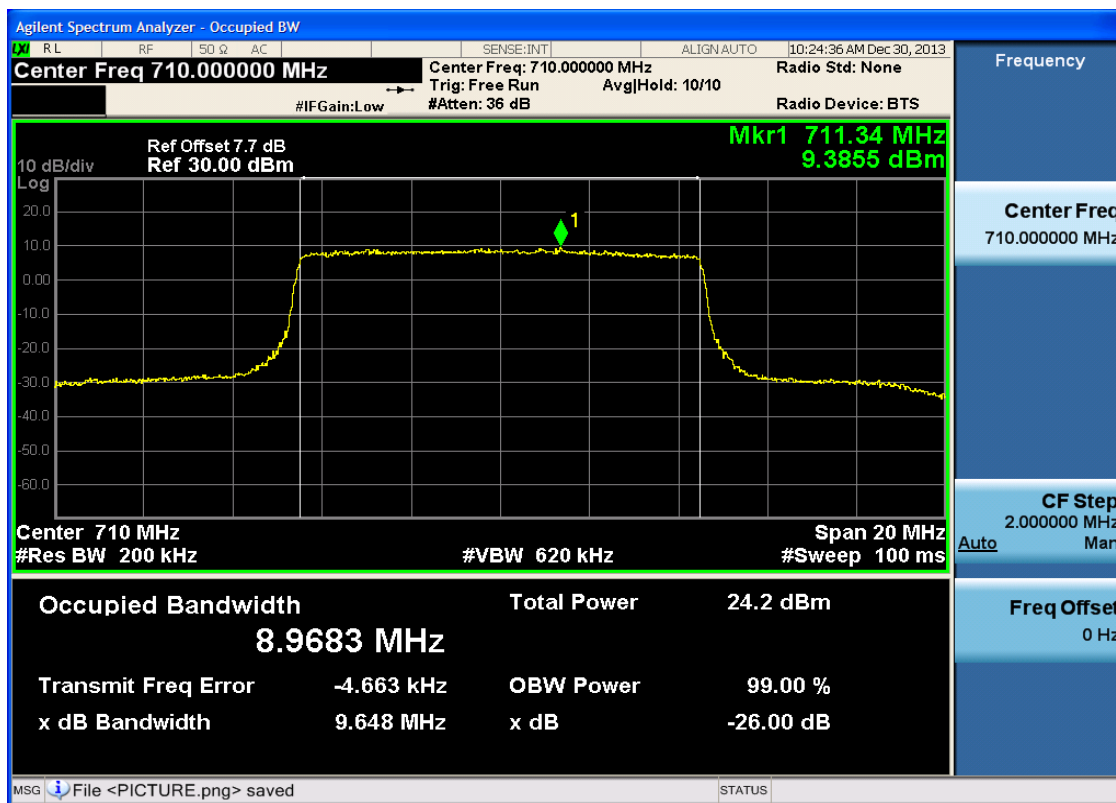
##### 4.1.5.1.2.1 Test Channel = LCH

##### 4.1.5.1.2.1.1 Test RB = RB50#0



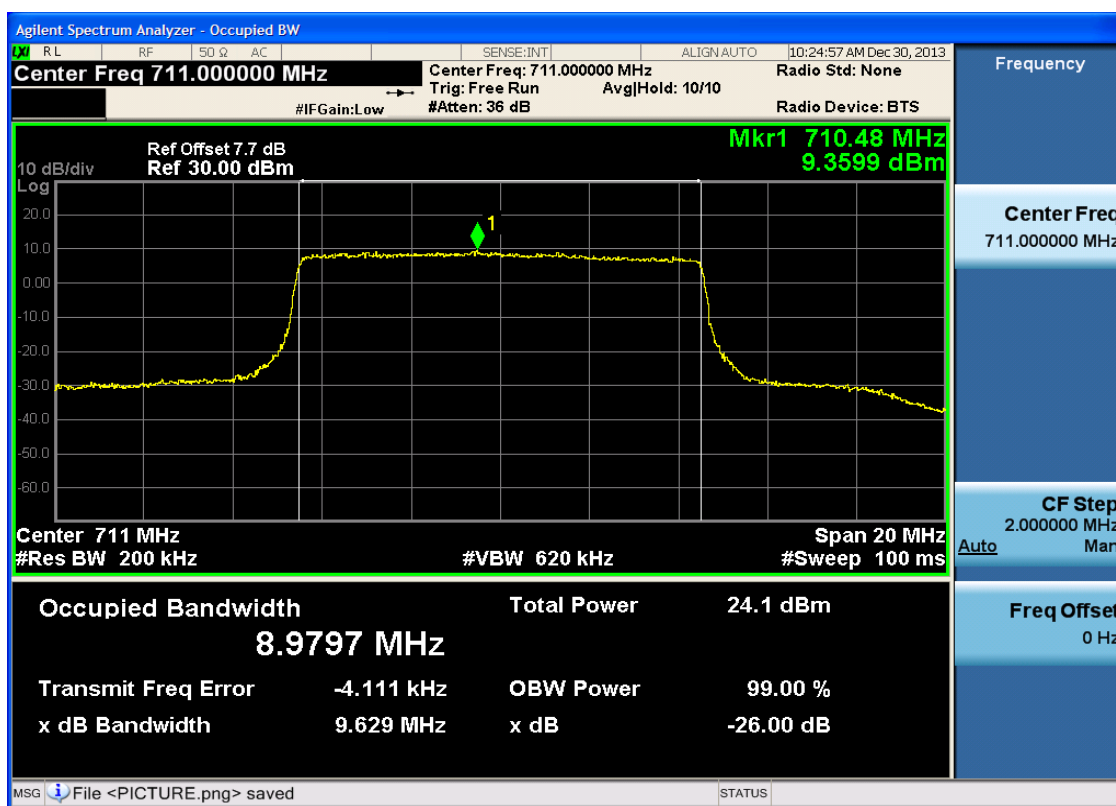
#### 4.1.5.1.2.2 Test Channel = MCH

##### 4.1.5.1.2.2.1 Test RB = RB50#0



#### 4.1.5.1.2.3 Test Channel = HCH

#### 4.1.5.1.2.3.1 Test RB = RB50#0

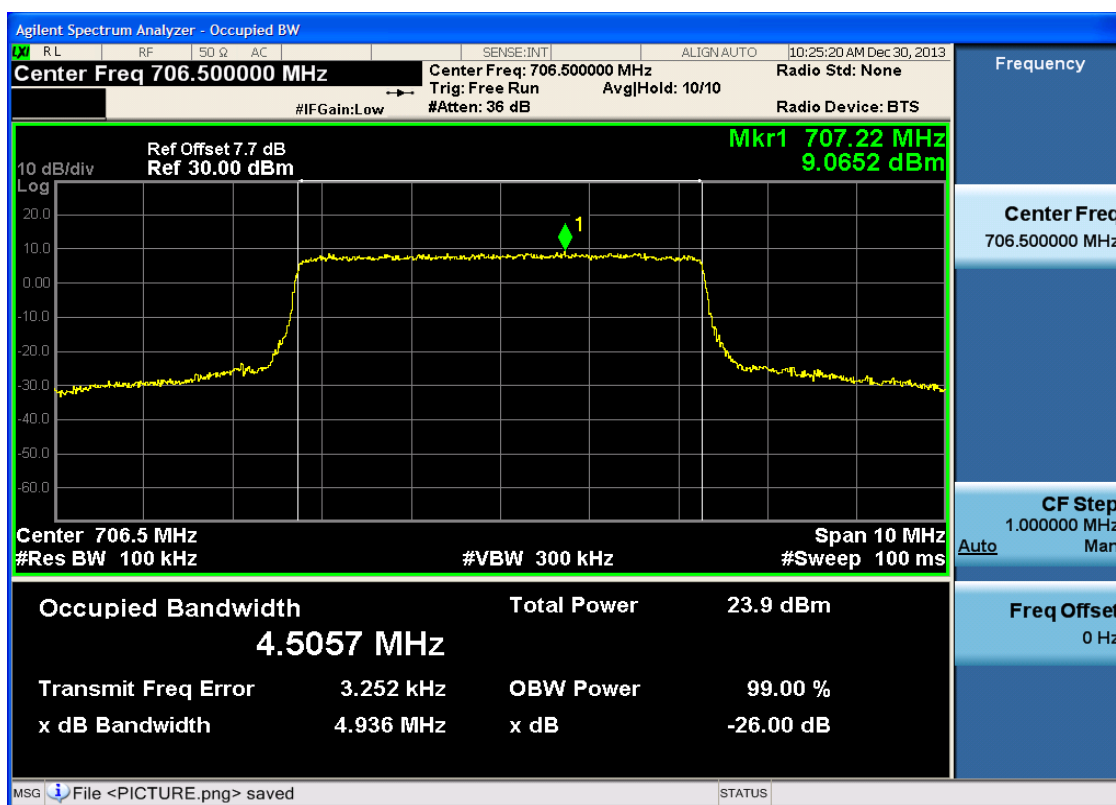


#### 4.1.5.2 Test Mode = LTE/TM2

##### 4.1.5.2.1 Test Bandwidth = 5

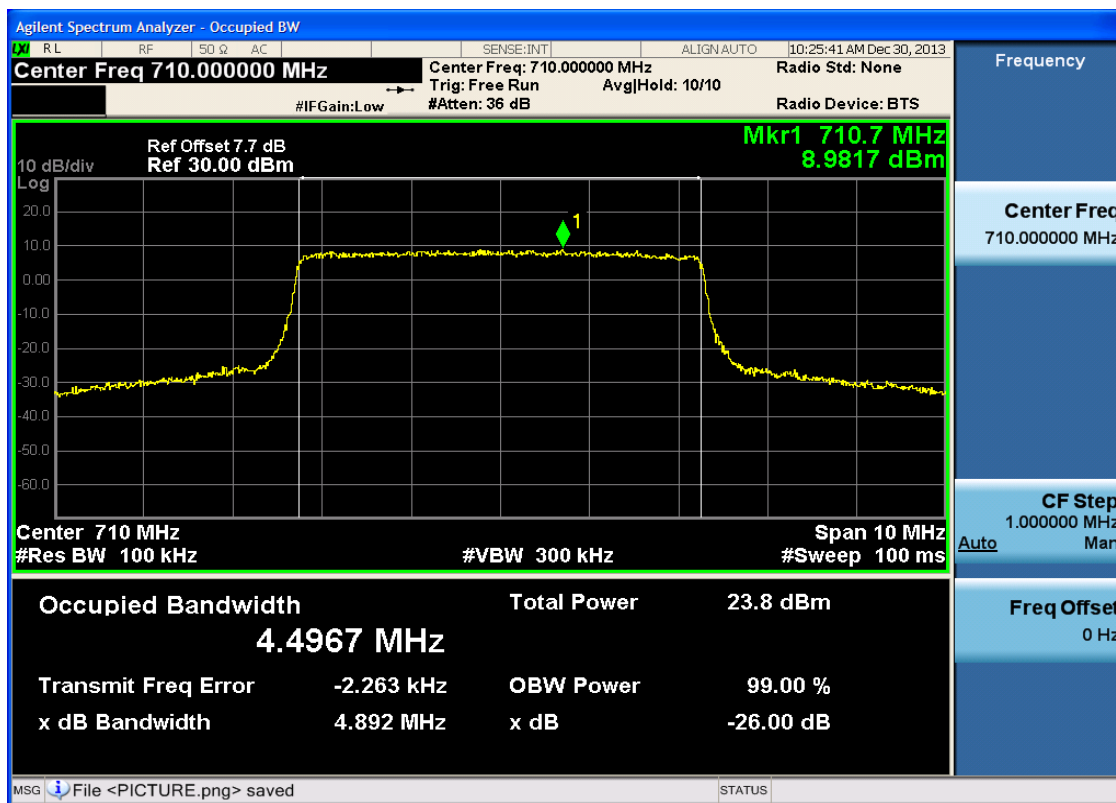
##### 4.1.5.2.1.1 Test Channel = LCH

##### 4.1.5.2.1.1.1 Test RB = RB25#0



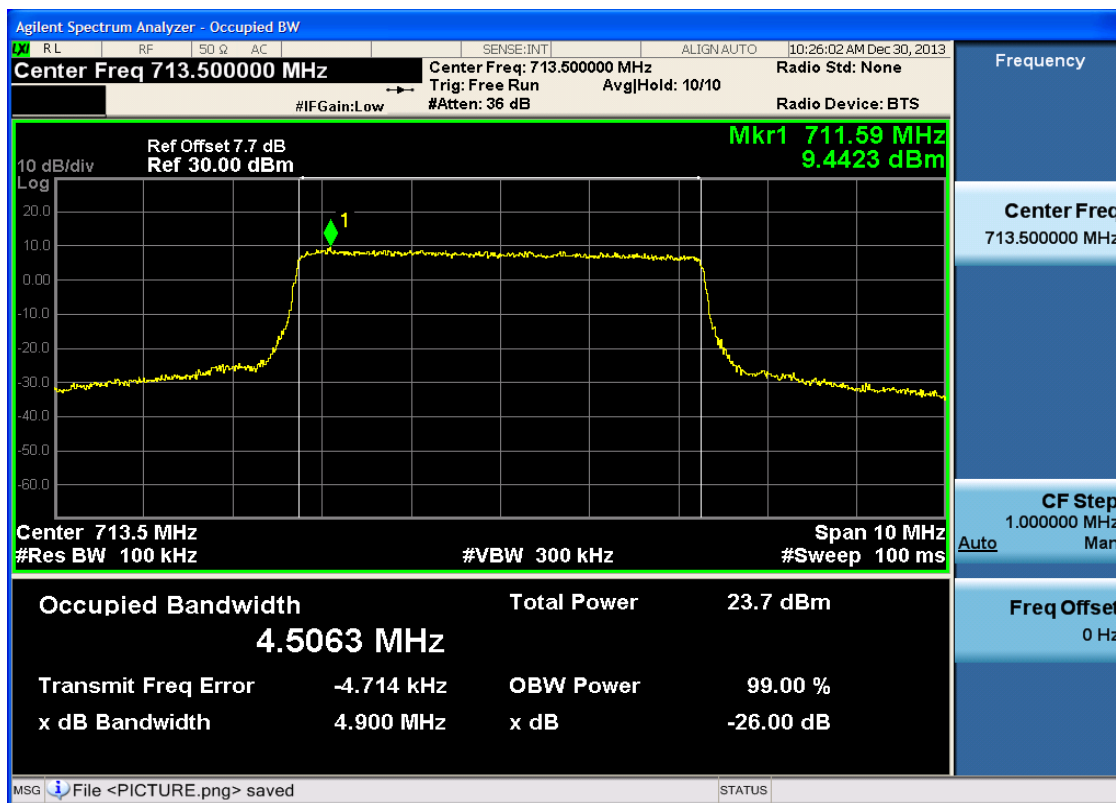
#### 4.1.5.2.1.2 Test Channel = MCH

##### 4.1.5.2.1.2.1 Test RB = RB25#0



#### 4.1.5.2.1.3 Test Channel = HCH

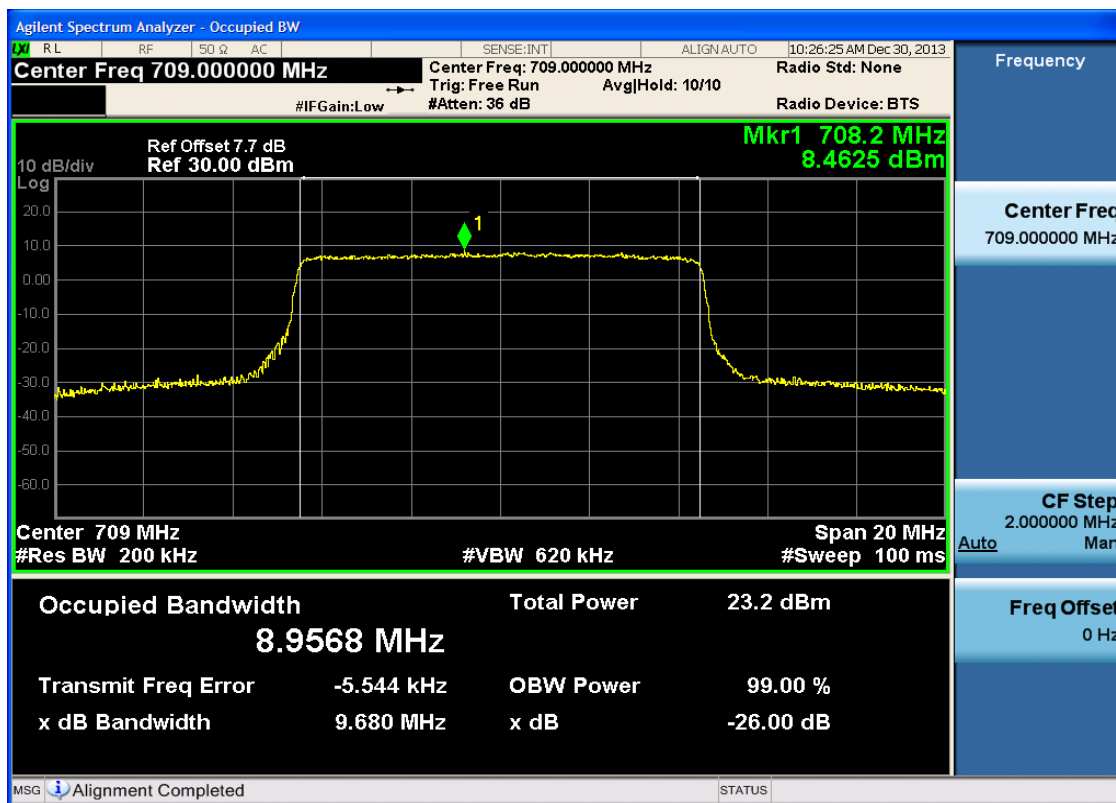
##### 4.1.5.2.1.3.1 Test RB = RB25#0



#### 4.1.5.2.2 Test Bandwidth = 10

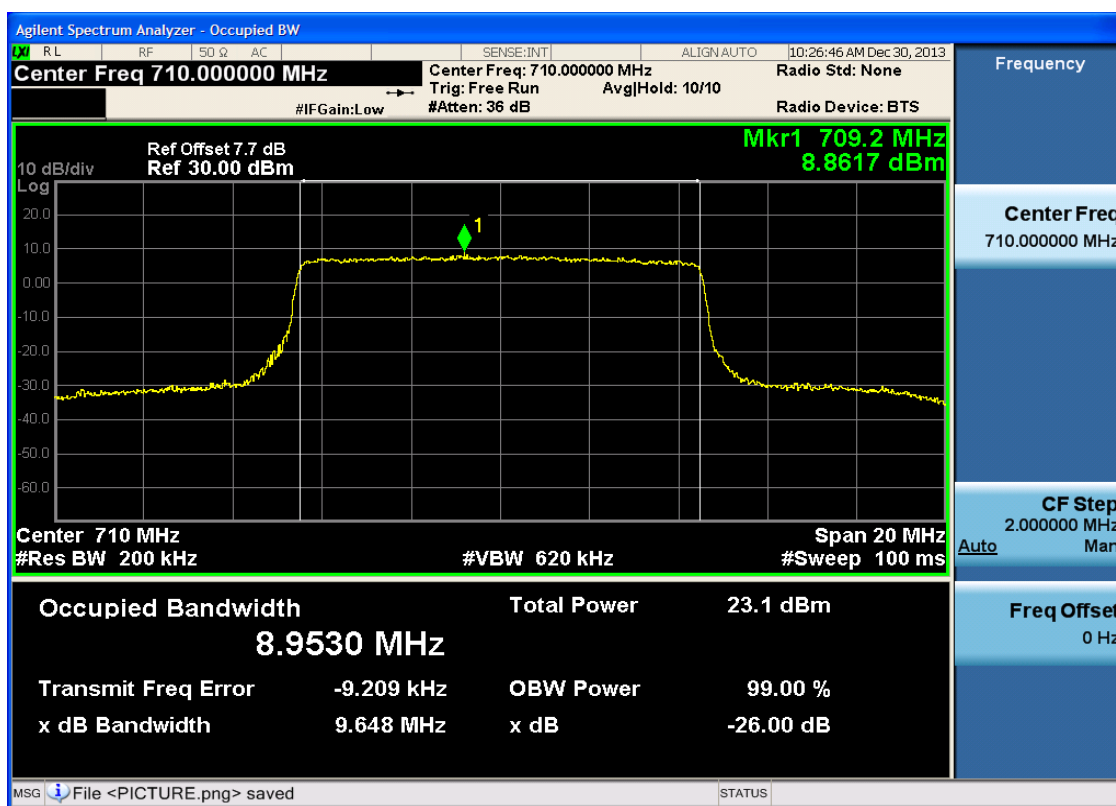
##### 4.1.5.2.2.1 Test Channel = LCH

##### 4.1.5.2.2.1.1 Test RB = RB50#0



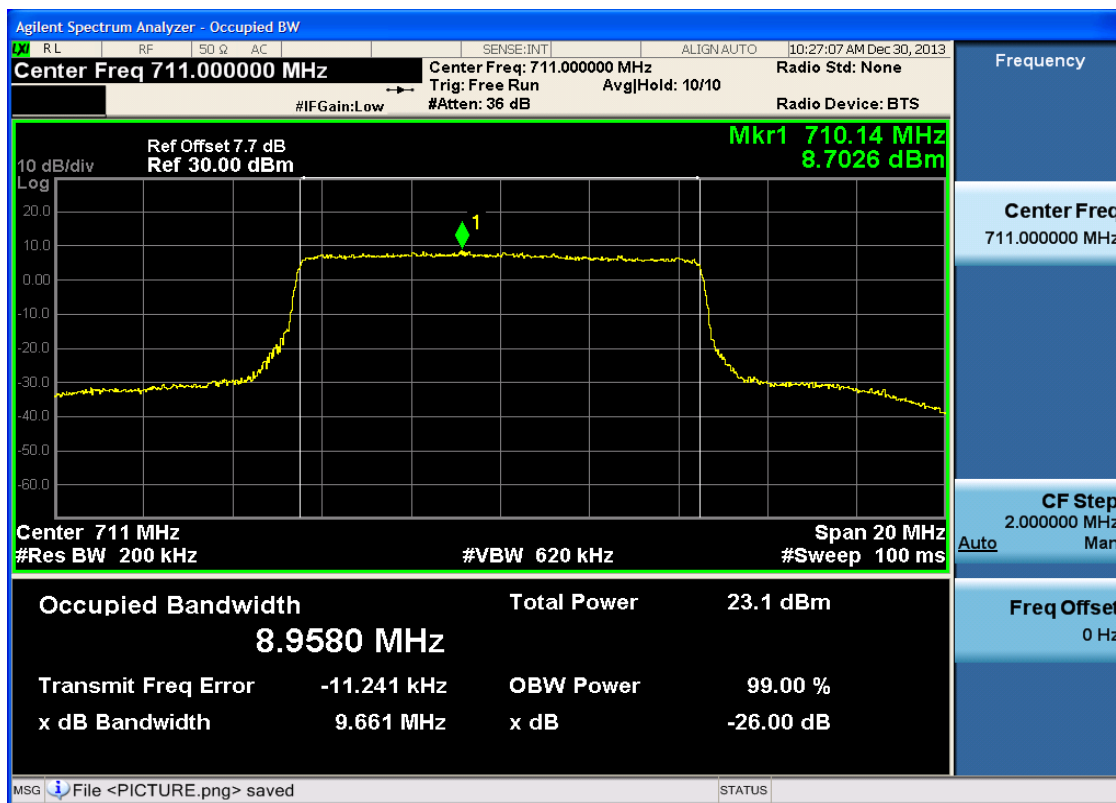
#### 4.1.5.2.2.2 Test Channel = MCH

##### 4.1.5.2.2.1 Test RB = RB50#0



#### 4.1.5.2.2.3 Test Channel = HCH

##### 4.1.5.2.2.3.1 Test RB = RB50#0



## 5Appendix\_E: Band Edges Compliance

### Part I - Test Plots

#### 5.3 For LTE

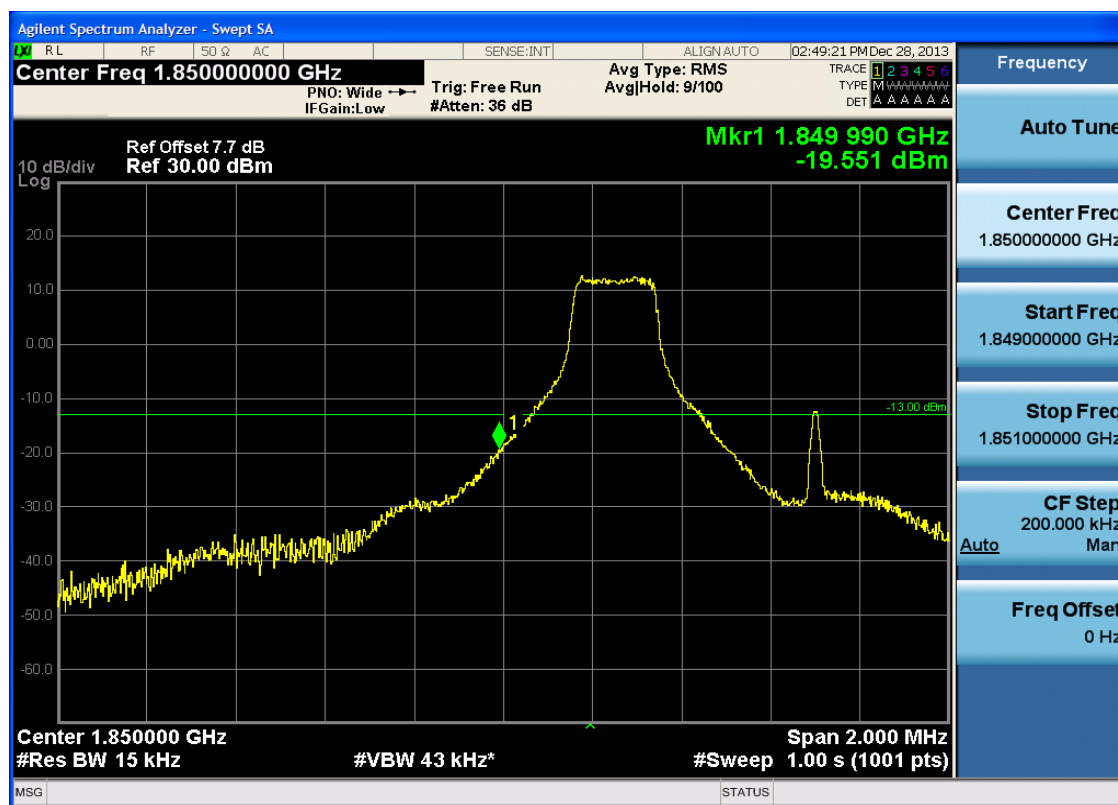
##### 5.3.1 Test Band = BAND2

##### 5.3.1.1 Test Mode = LTE/TM1

##### 5.3.1.1.1 Test Bandwidth = 1.4

##### 5.3.1.1.1.1 Test Channel = LCH

##### 5.3.1.1.1.1.1 Test RB = RB1#0



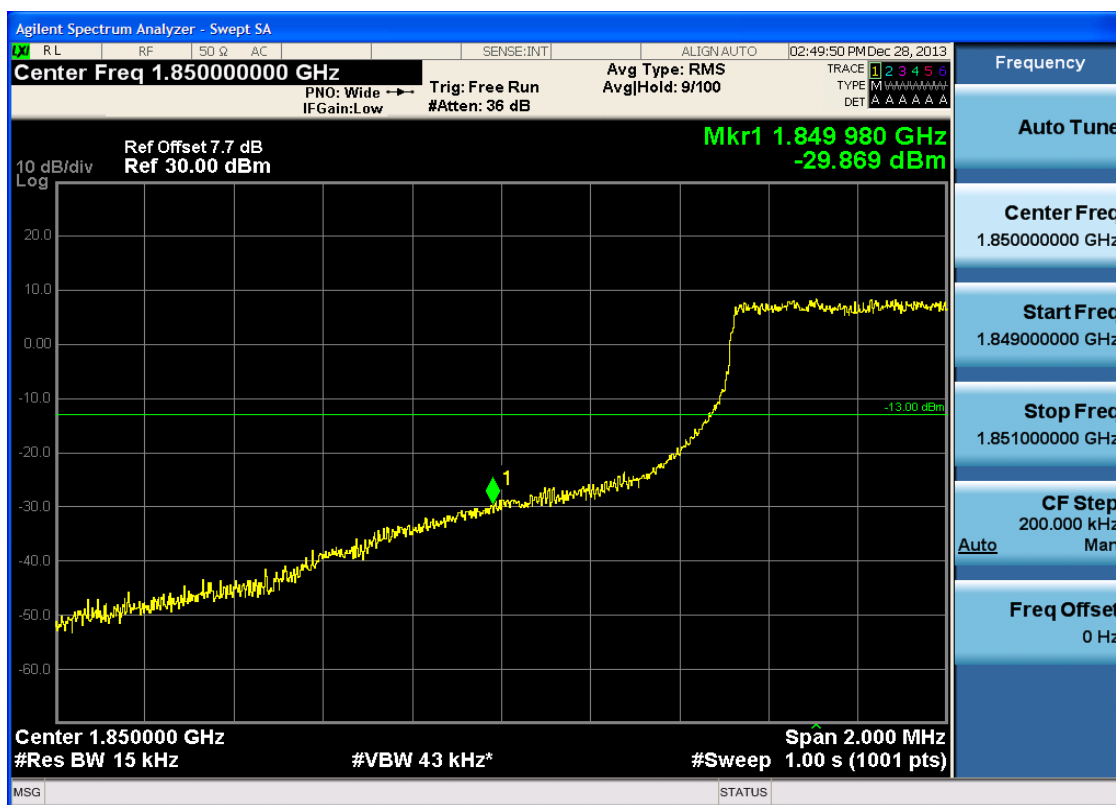


## 5.1.1.1.1.2 Test RB = RB1#5



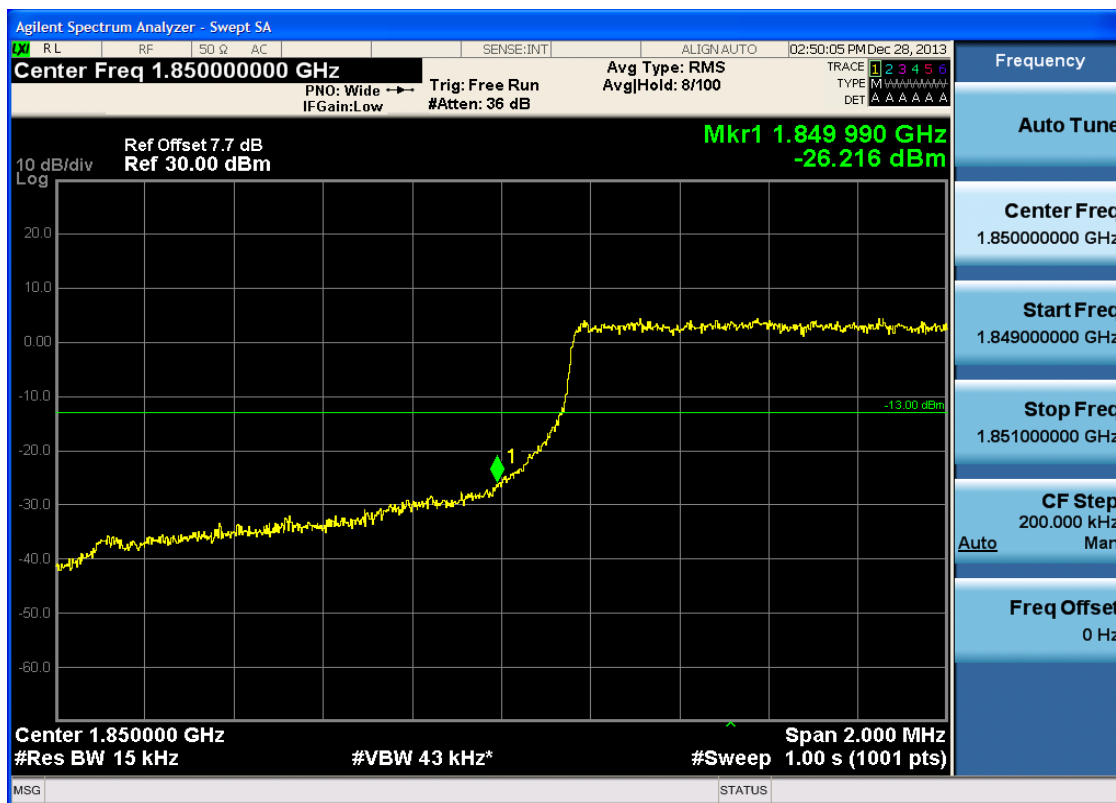


## 5.1.1.1.1.3 Test RB = RB3#2





## 5.1.1.1.1.4 Test RB = RB6#0



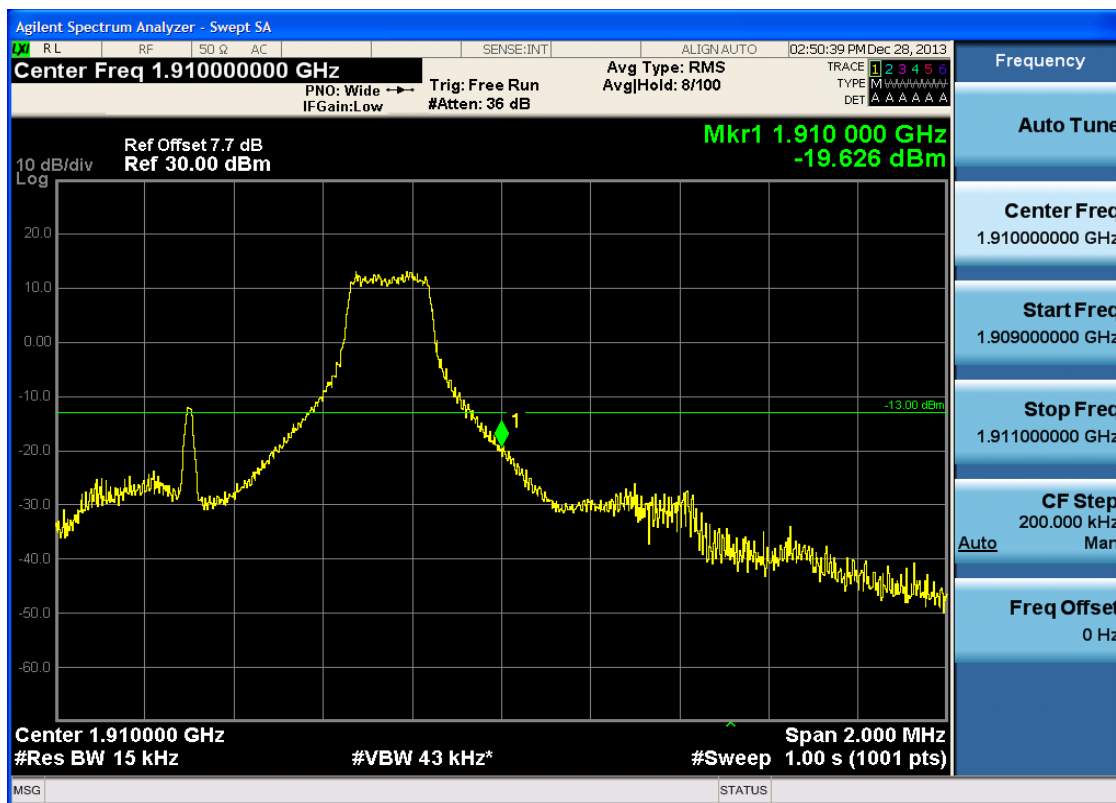
### 5.1.1.1.1.2 Test Channel = HCH

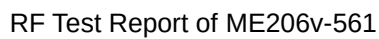
#### 5.1.1.1.1.2.1 Test RB = RB1#0





### 5.1.1.1.2.2 Test RB = RB1#5





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 02:50:54 PM Dec 28, 2013

Center Freq 1.91000000 GHz

PNO: Wide  $\rightarrow$  Trig: Free Run Avg Type: RMS  
IFGain: Low #Atten: 36 dB Avg|Hold: 8/100

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

Ref Offset 7.7 dB  
Ref 30.00 dBm

Mkr1 1.910 000 GHz  
-26.937 dBm

10 dB/div  
Log

Center Freq 1.91000000 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 1.91000000 GHz

Start Freq 1.909000000 GHz

Stop Freq 1.911000000 GHz

CF Step 200.000 kHz  
Auto Mar

Freq Offset 0 Hz



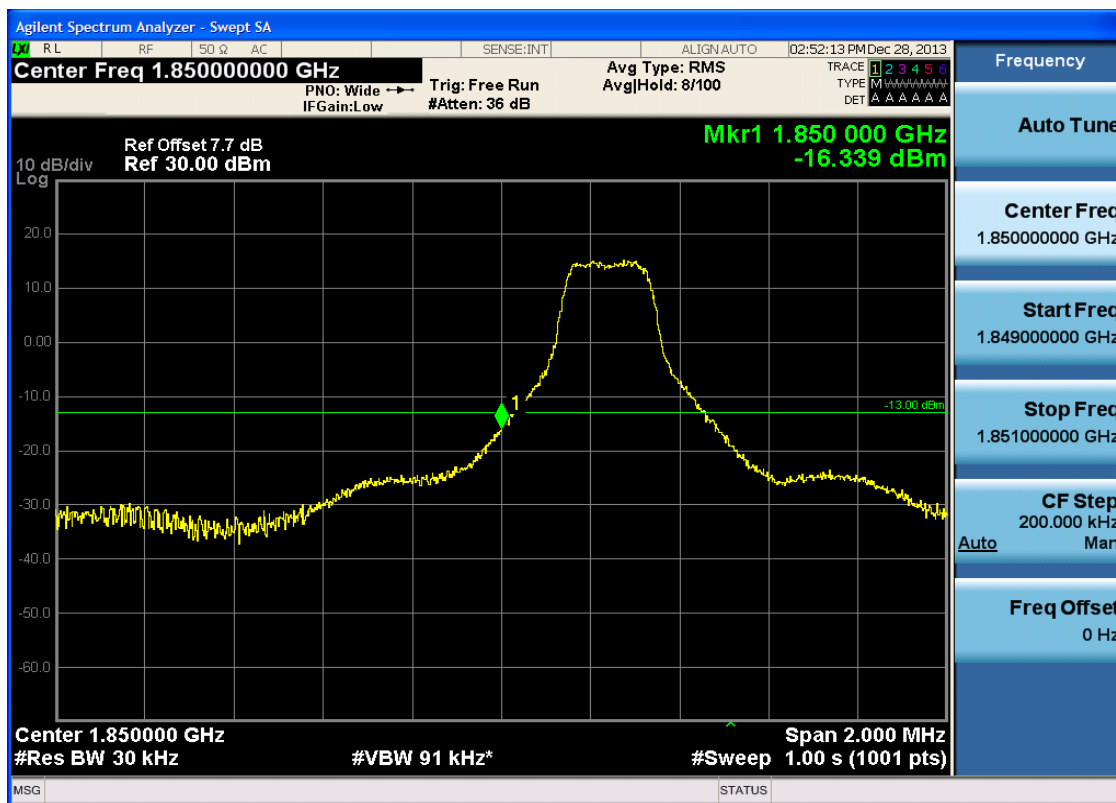
## 5.1.1.1.2.4 Test RB = RB6#0



### 5.1.1.1.2 Test Bandwidth = 3

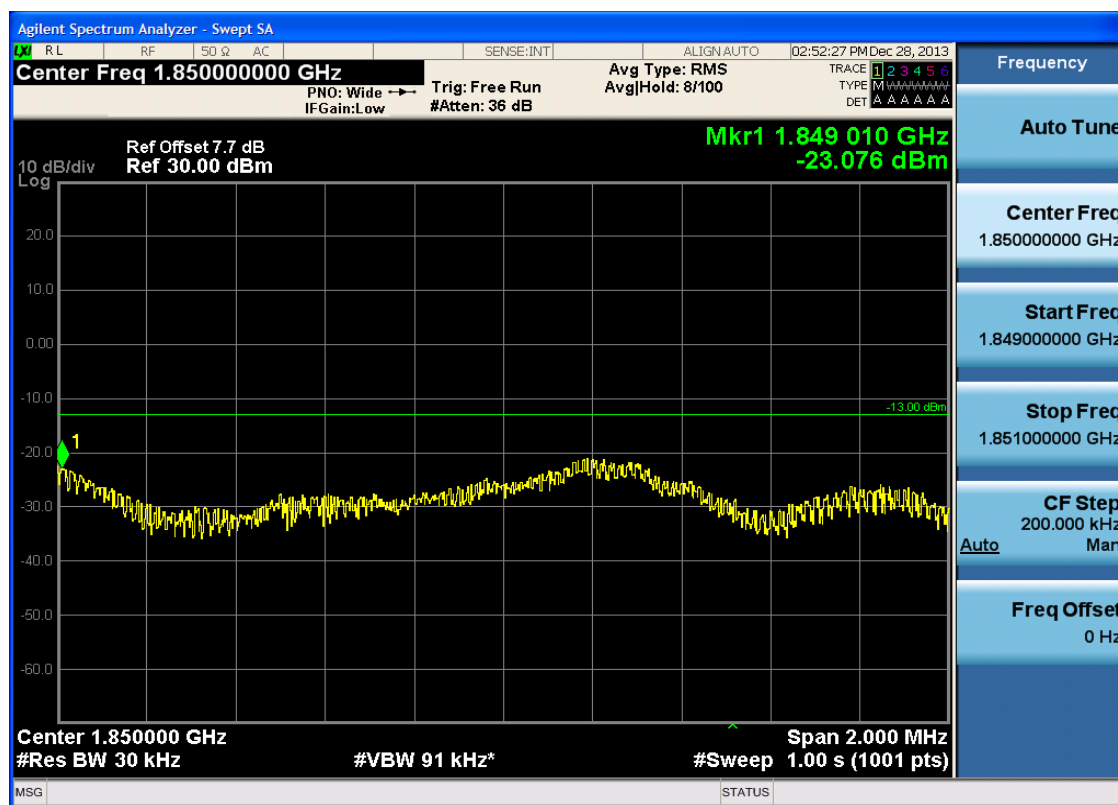
#### 5.1.1.1.2.1 Test Channel = LCH

##### 5.1.1.1.2.1.1 Test RB = RB1#0



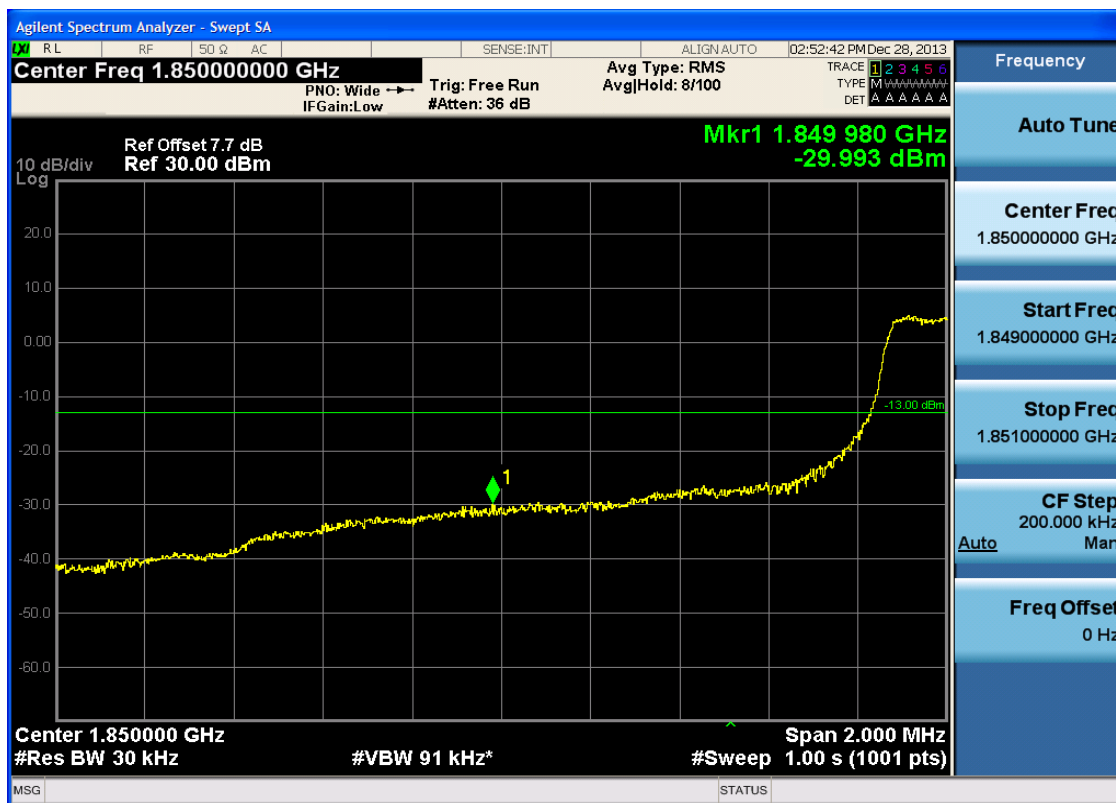


## 5.1.1.1.2.1.2 Test RB = RB1#14



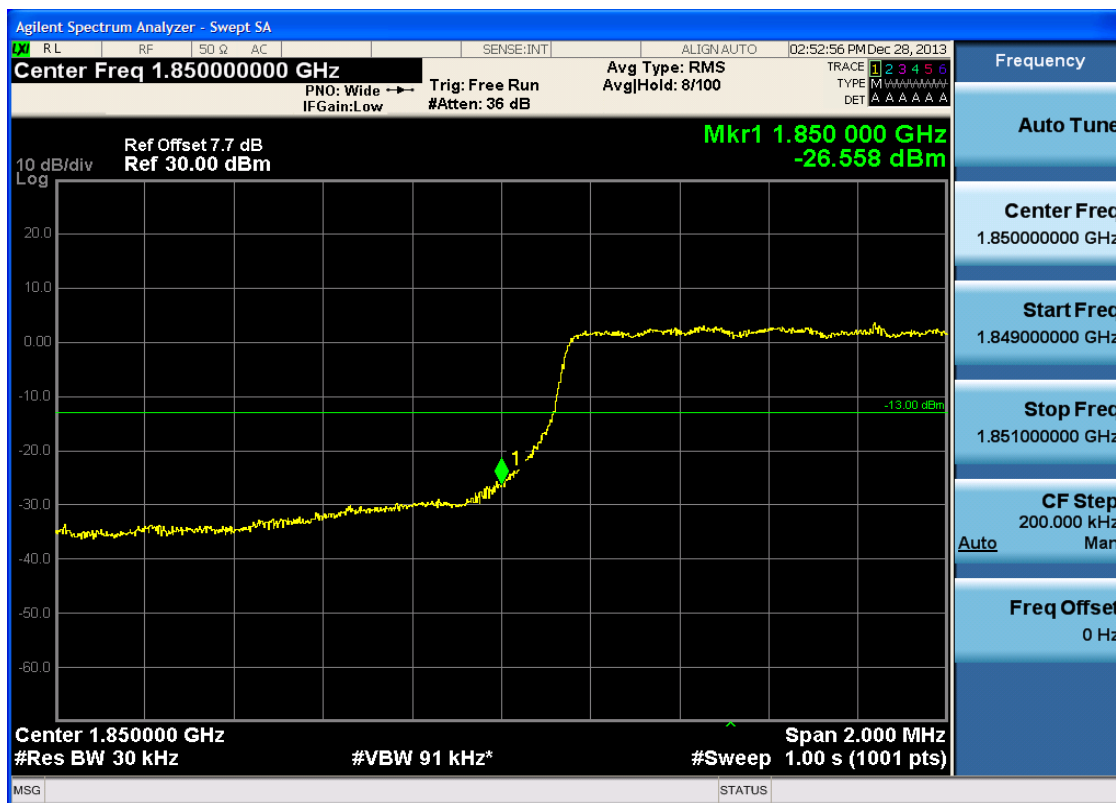


## 5.1.1.1.2.1.3 Test RB = RB8#4



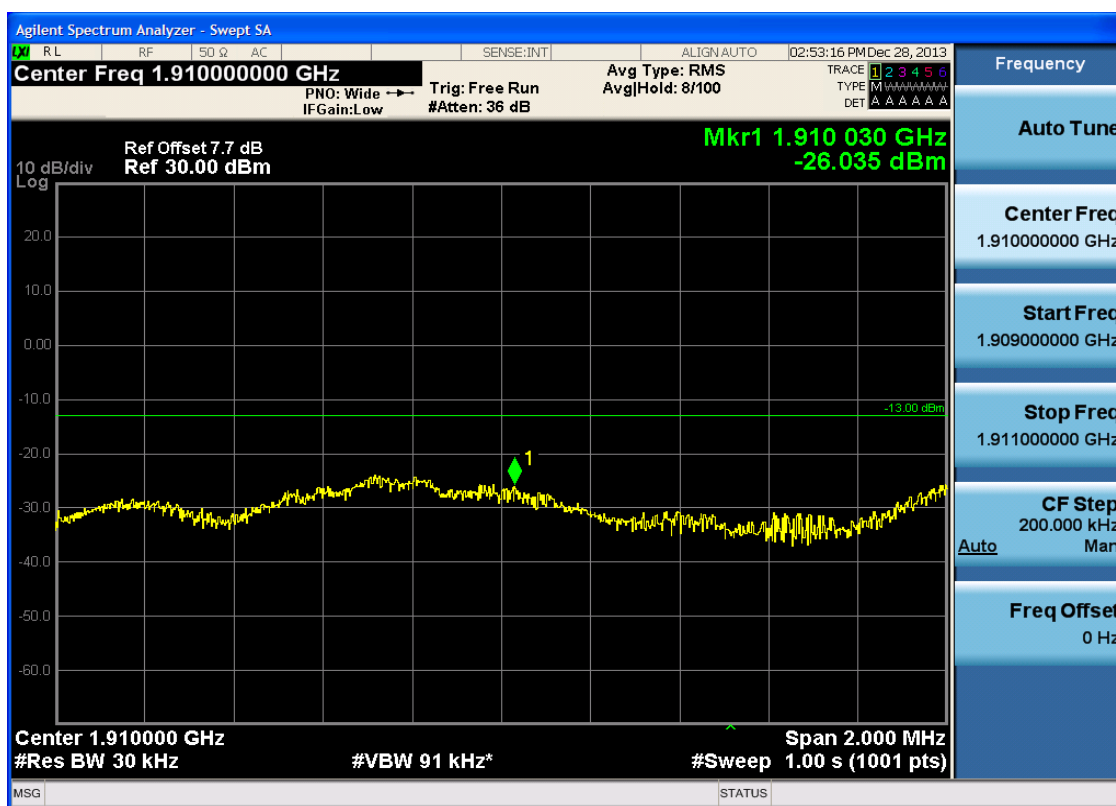


## 5.1.1.1.2.1.4 Test RB = RB15#0



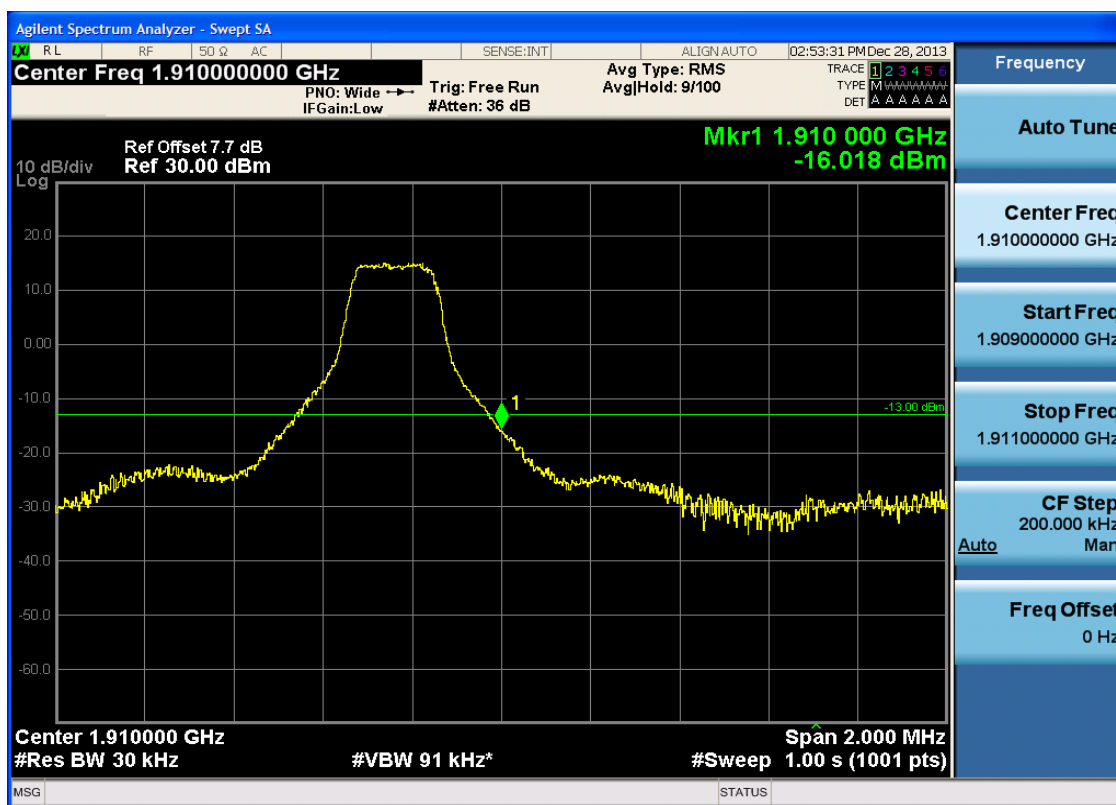
### 5.1.1.1.2.2 Test Channel = HCH

#### 5.1.1.1.2.2.1 Test RB = RB1#0



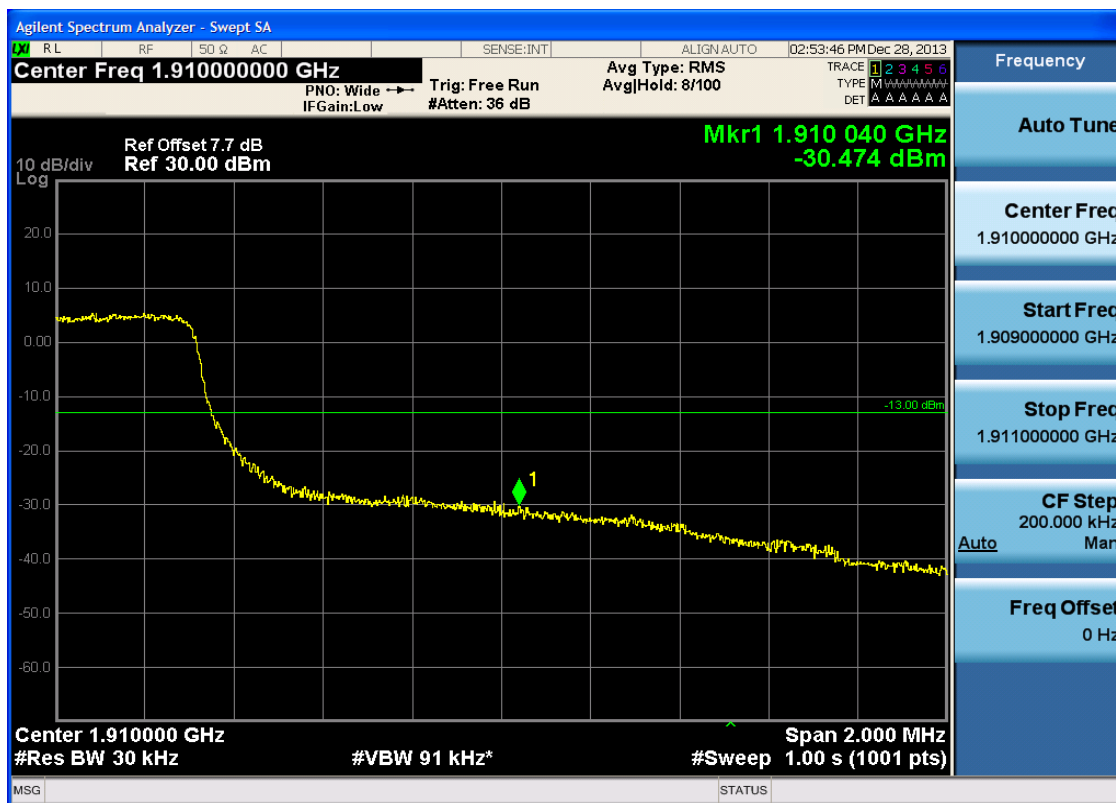


## 5.1.1.1.2.2 Test RB = RB1#14





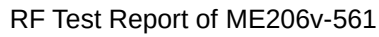
## 5.1.1.1.2.3 Test RB = RB8#4



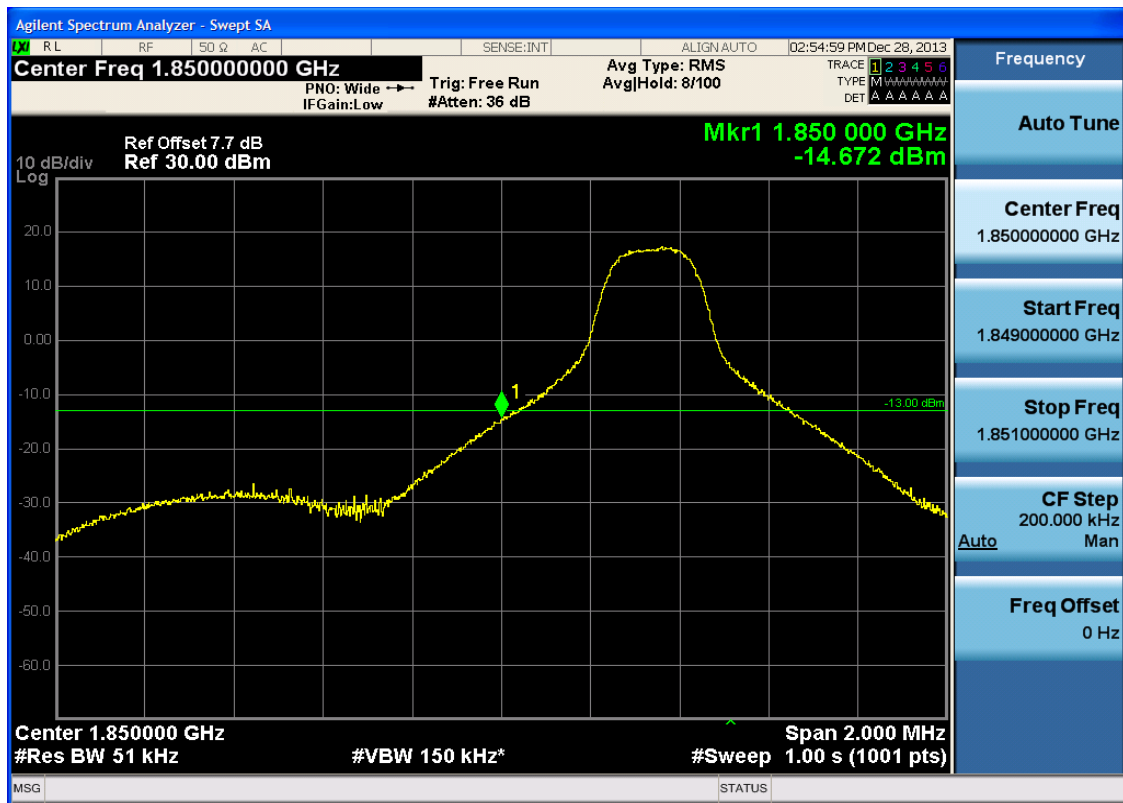


## 5.1.1.1.2.2.4 Test RB = RB15#0



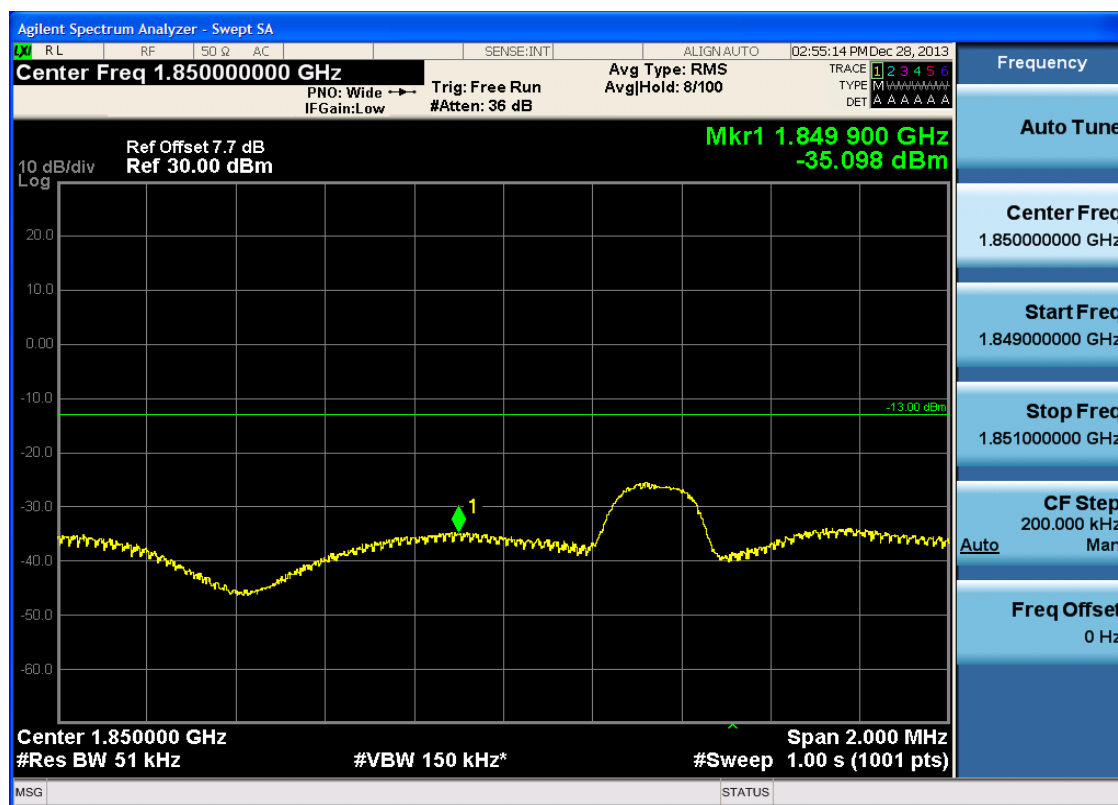


#### 5.1.1.1.5.1.1 Test RB = RB1#0



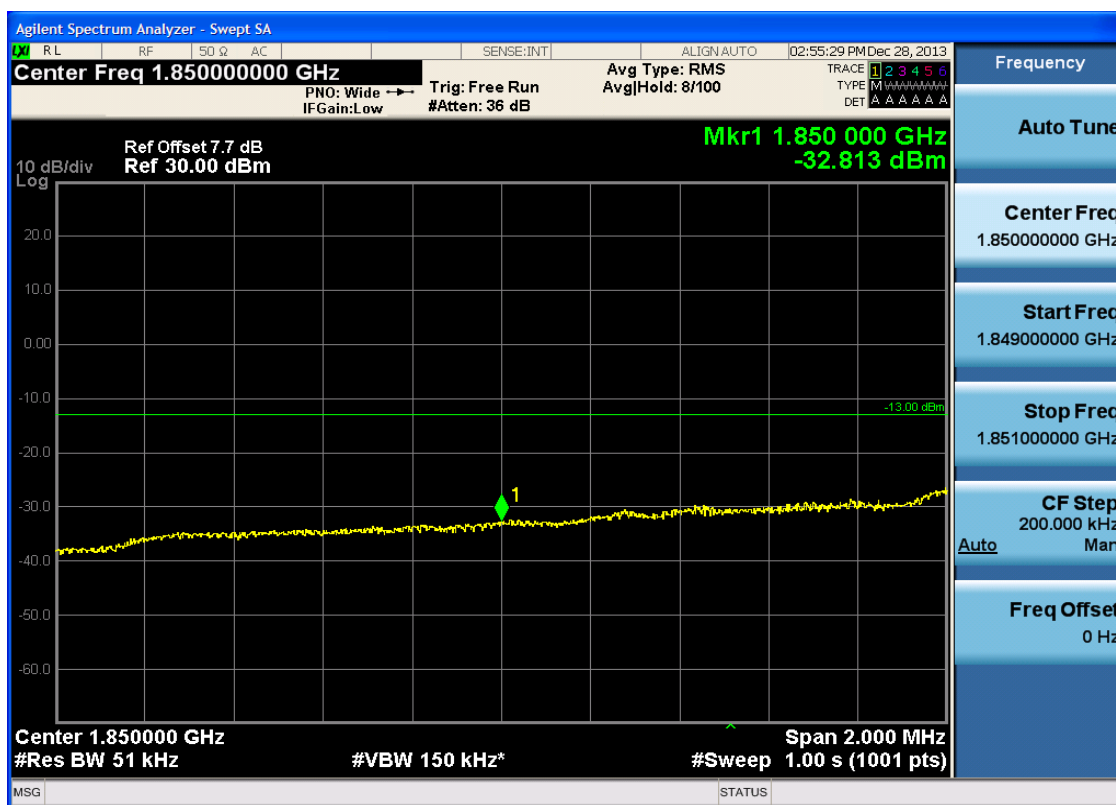


## 5.1.1.1.3.1.2 Test RB = RB1#24



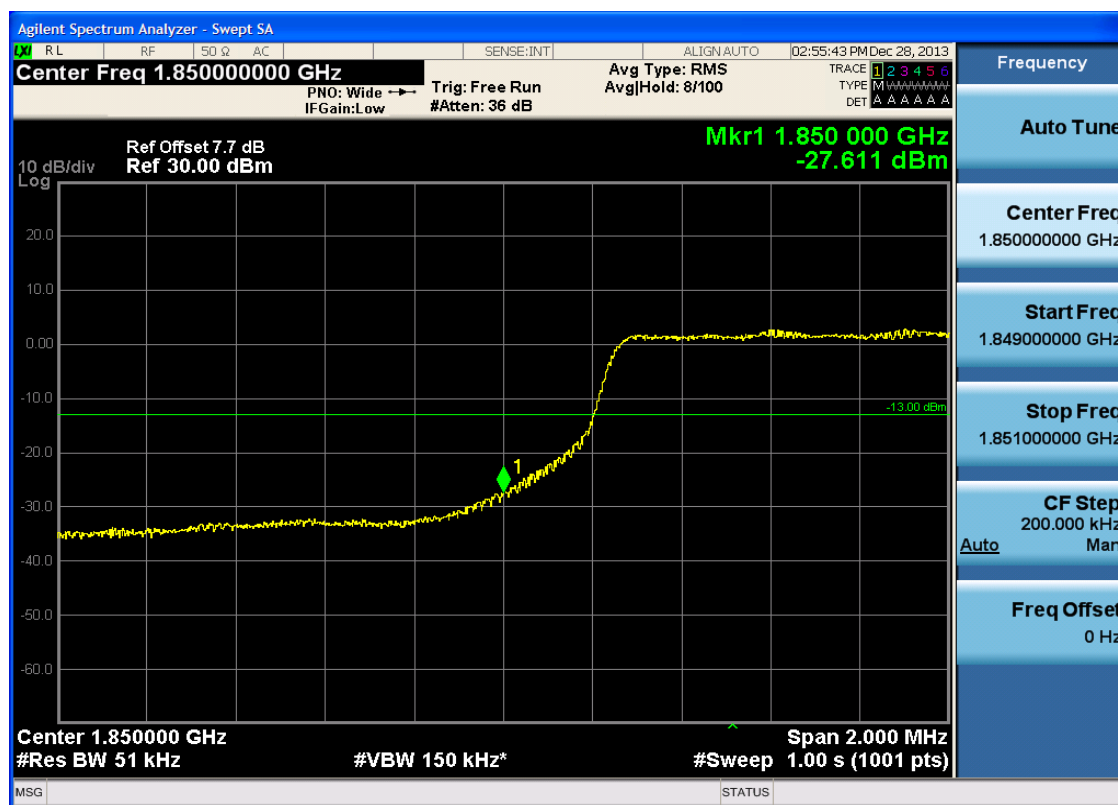


## 5.1.1.1.3.1.3 Test RB = RB12#6



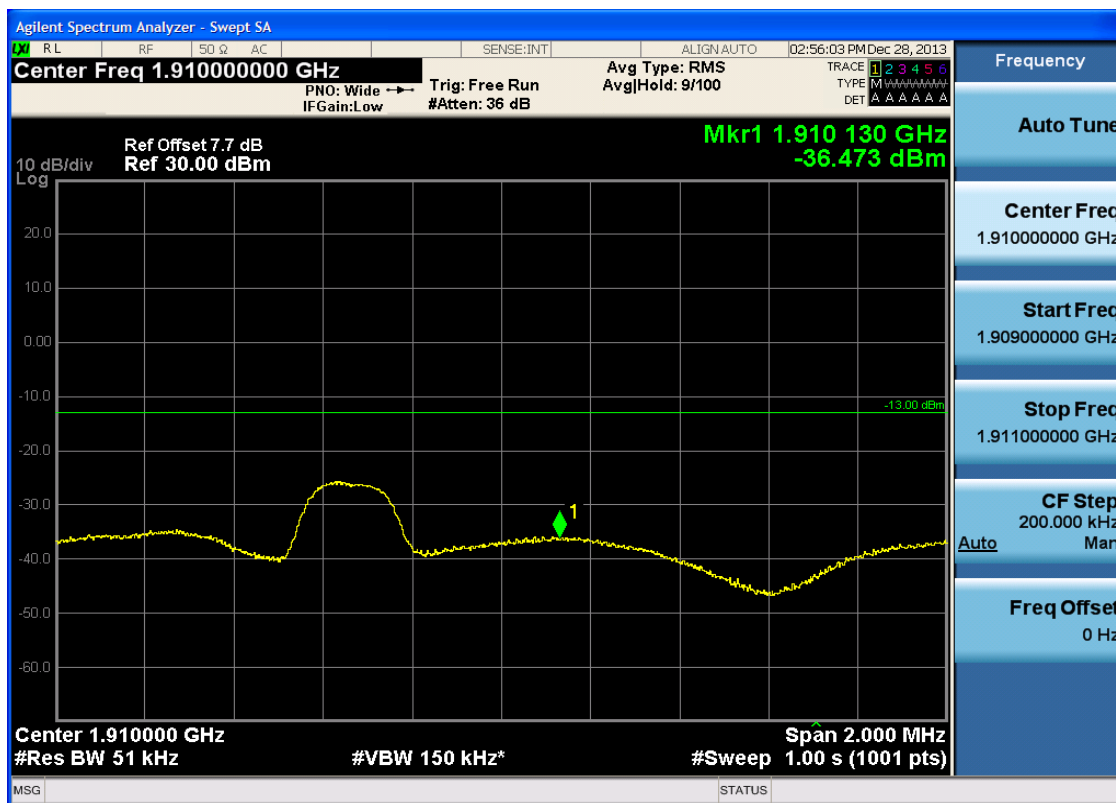


### 5.1.1.1.3.1.4 Test RB = RB25#0



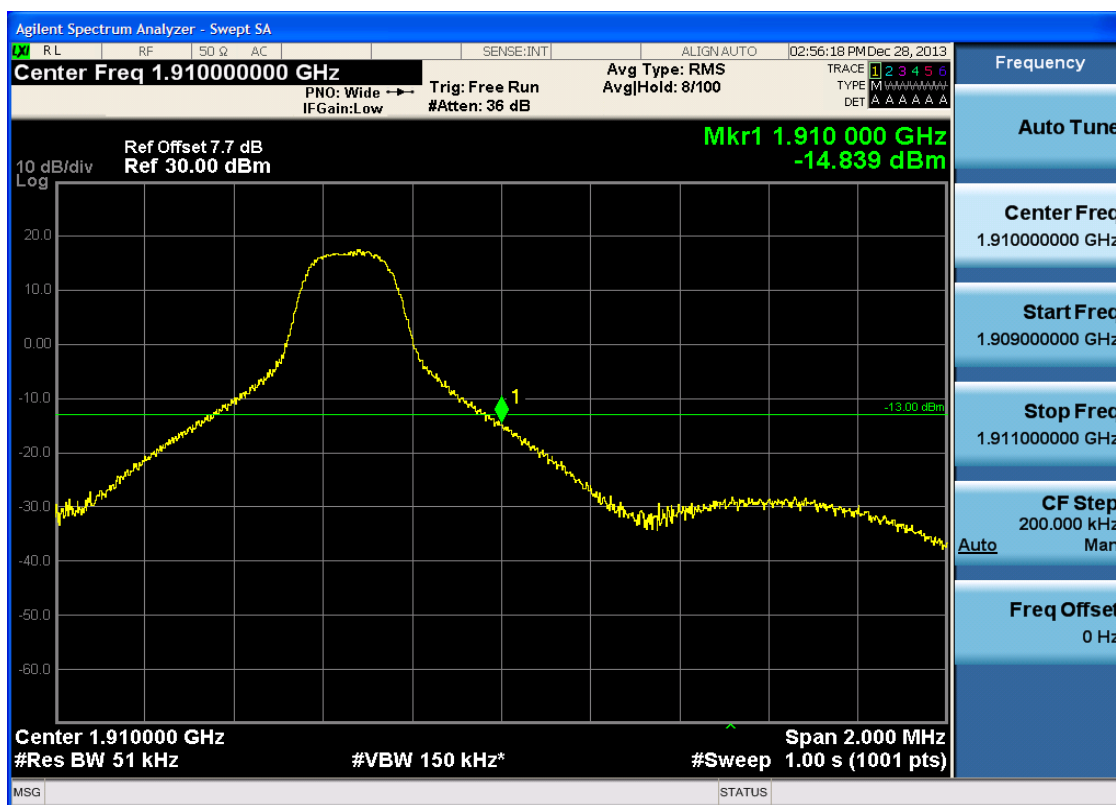
### 5.1.1.1.3.2 Test Channel = HCH

#### 5.1.1.1.3.2.1 Test RB = RB1#0





## 5.1.1.1.3.2.2 Test RB = RB1#24





## 5.1.1.1.3.2.3 Test RB = RB12#6





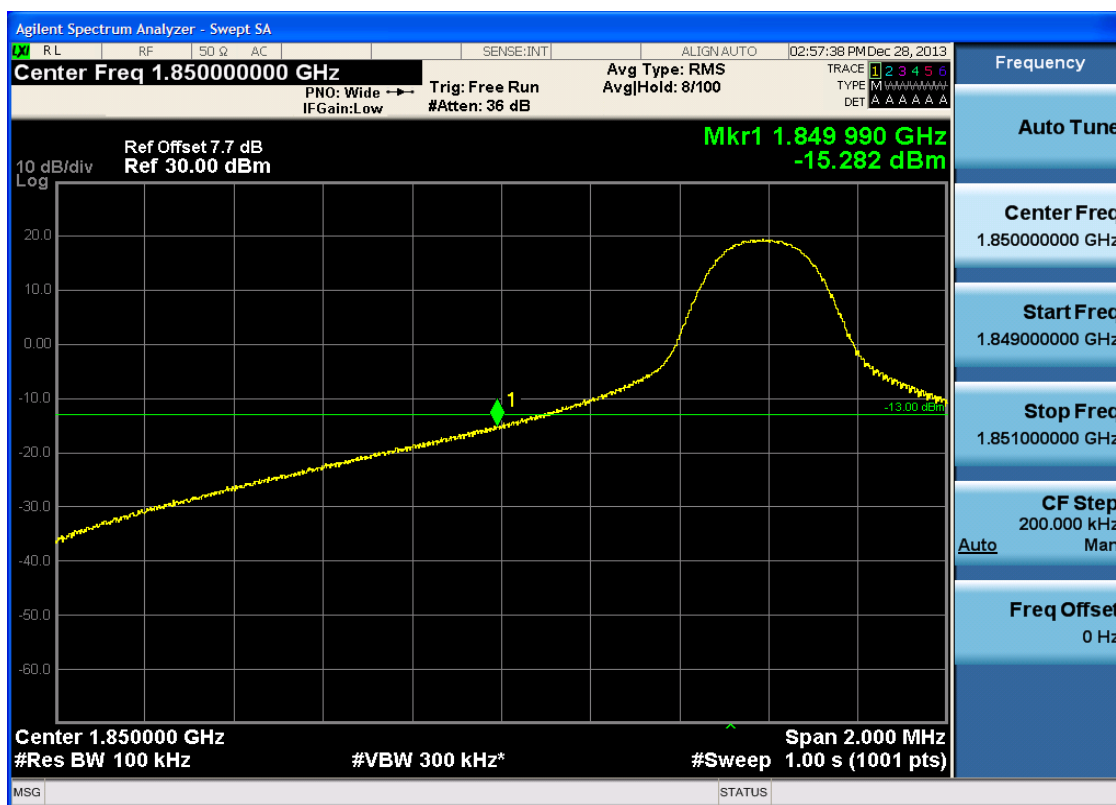
## 5.1.1.1.3.2.4 Test RB = RB25#0



#### 5.1.1.1.4 Test Bandwidth = 10

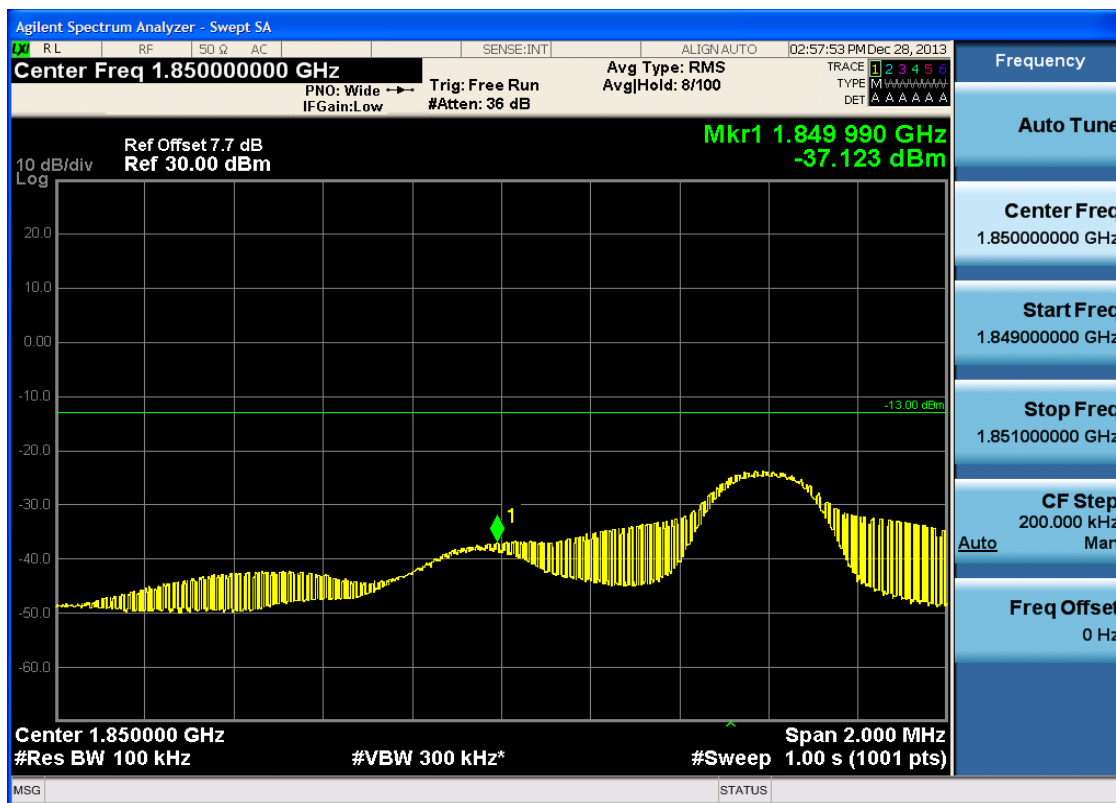
##### 5.1.1.1.4.1 Test Channel = LCH

##### 5.1.1.1.4.1.1 Test RB = RB1#0



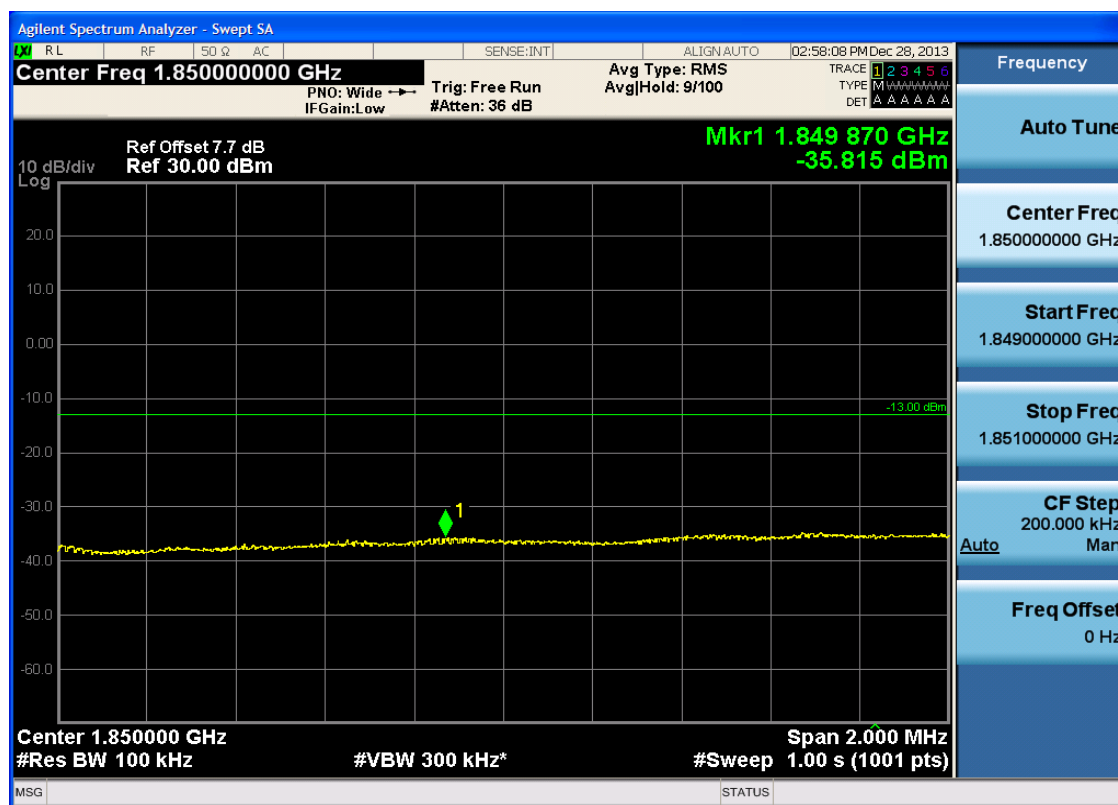


## 5.1.1.1.4.1.2 Test RB = RB1#49



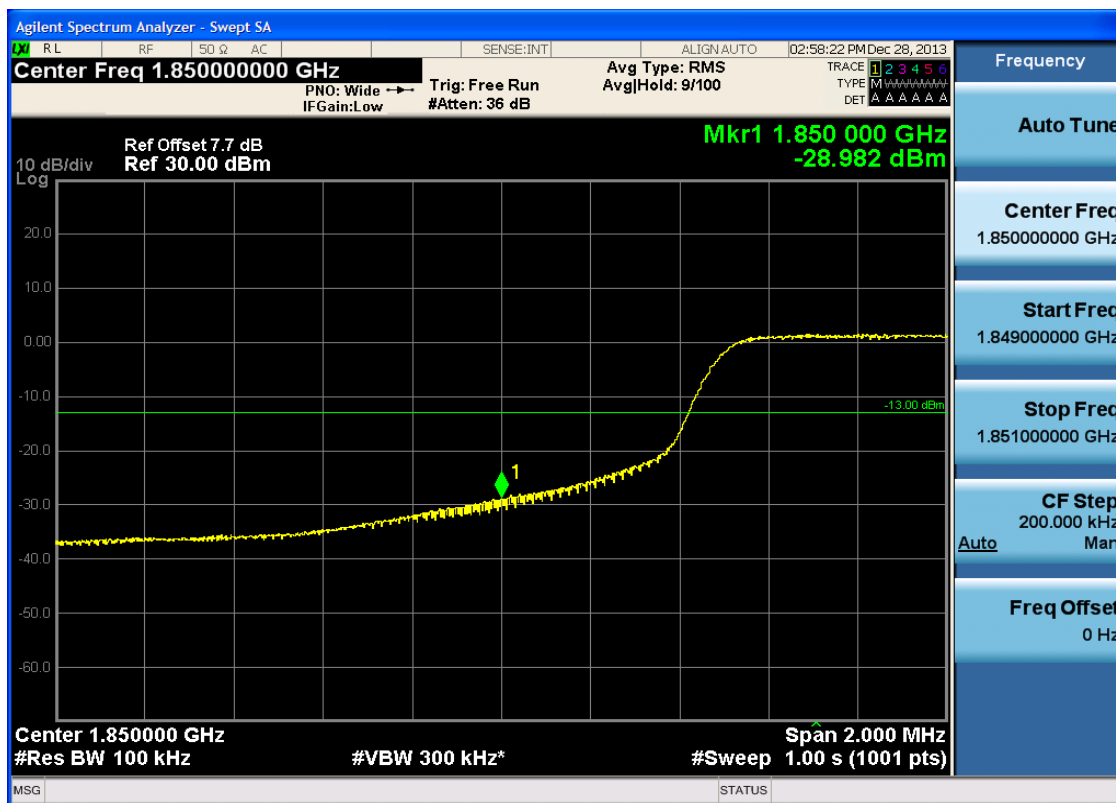


## 5.1.1.1.4.1.3 Test RB = RB25#13



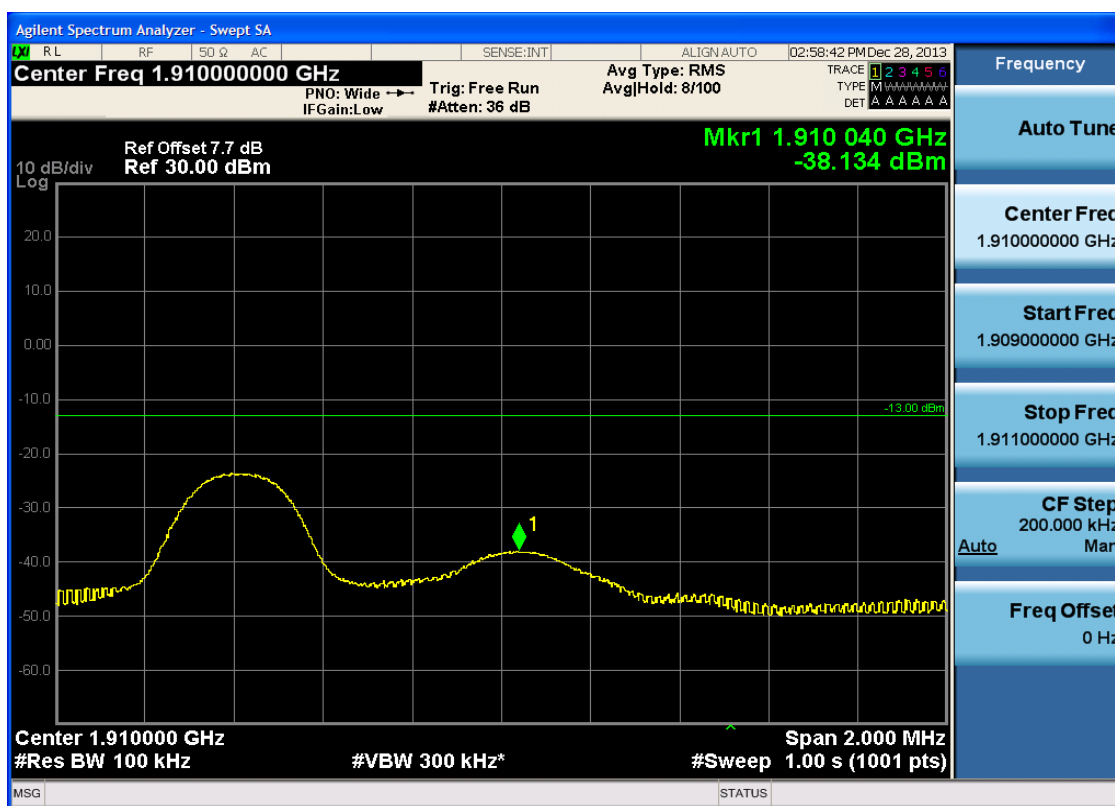


## 5.1.1.1.4.1.4 Test RB = RB50#0



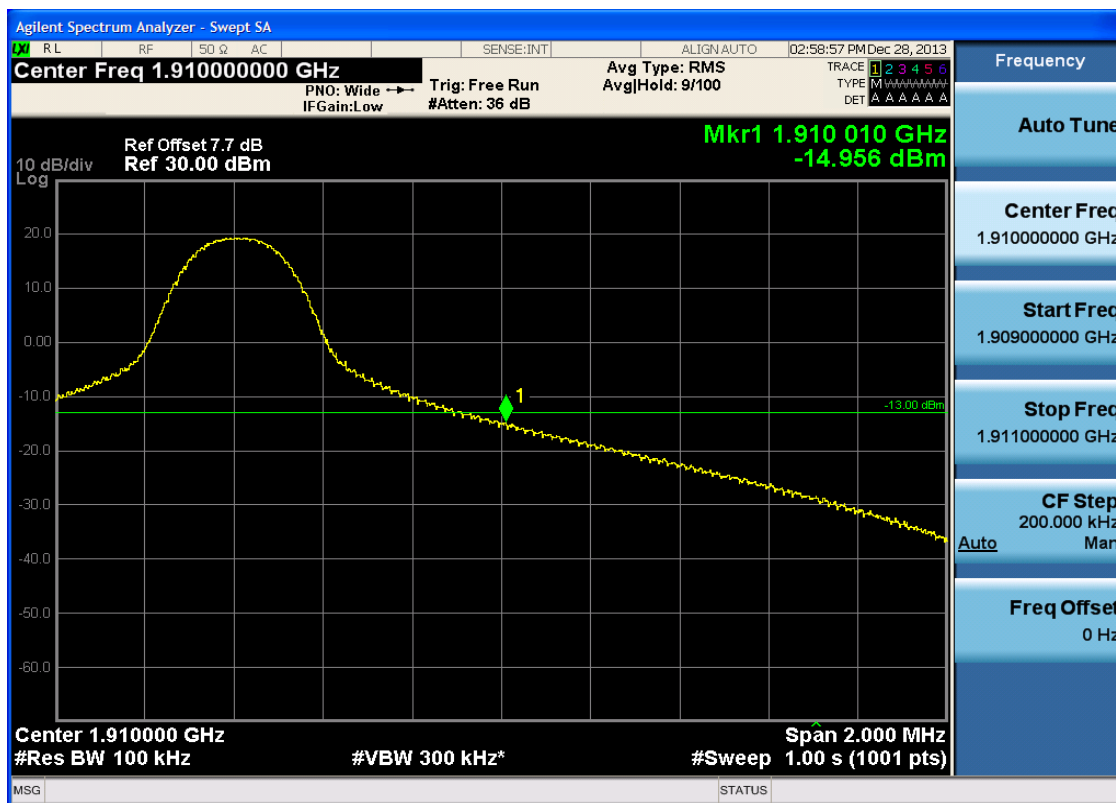
### 5.1.1.1.4.2 Test Channel = HCH

#### 5.1.1.1.4.2.1 Test RB = RB1#0



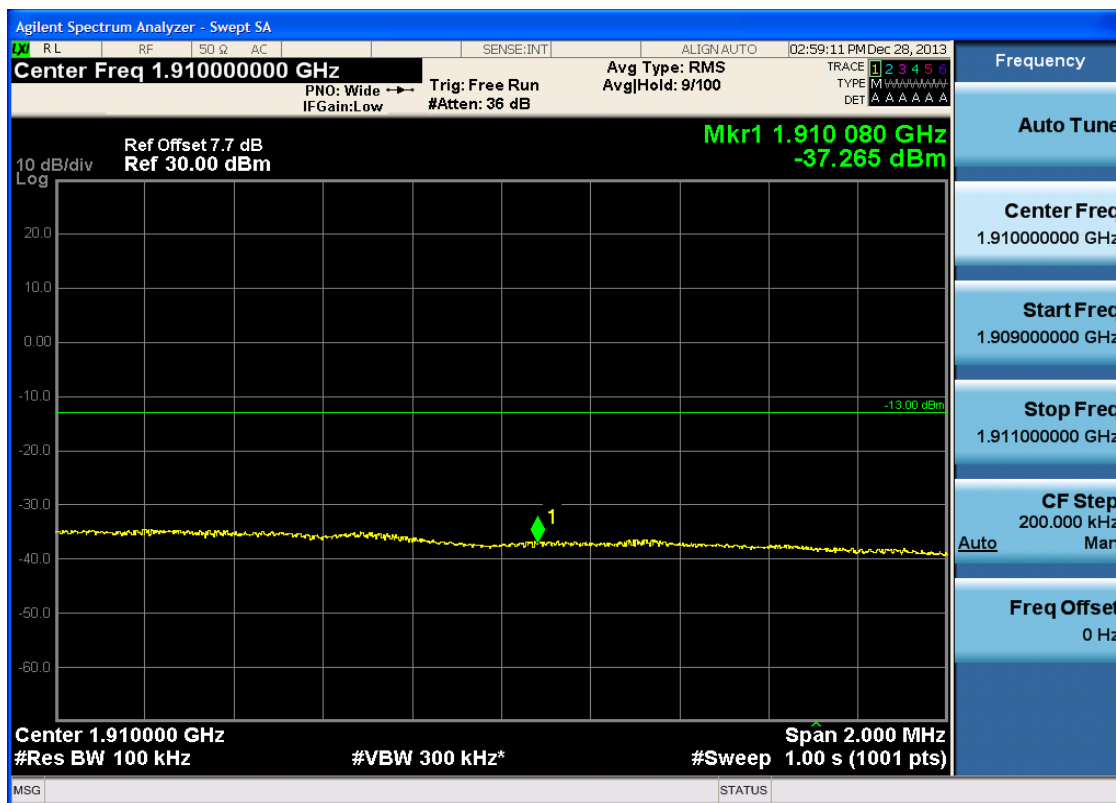


## 5.1.1.1.4.2.2 Test RB = RB1#49



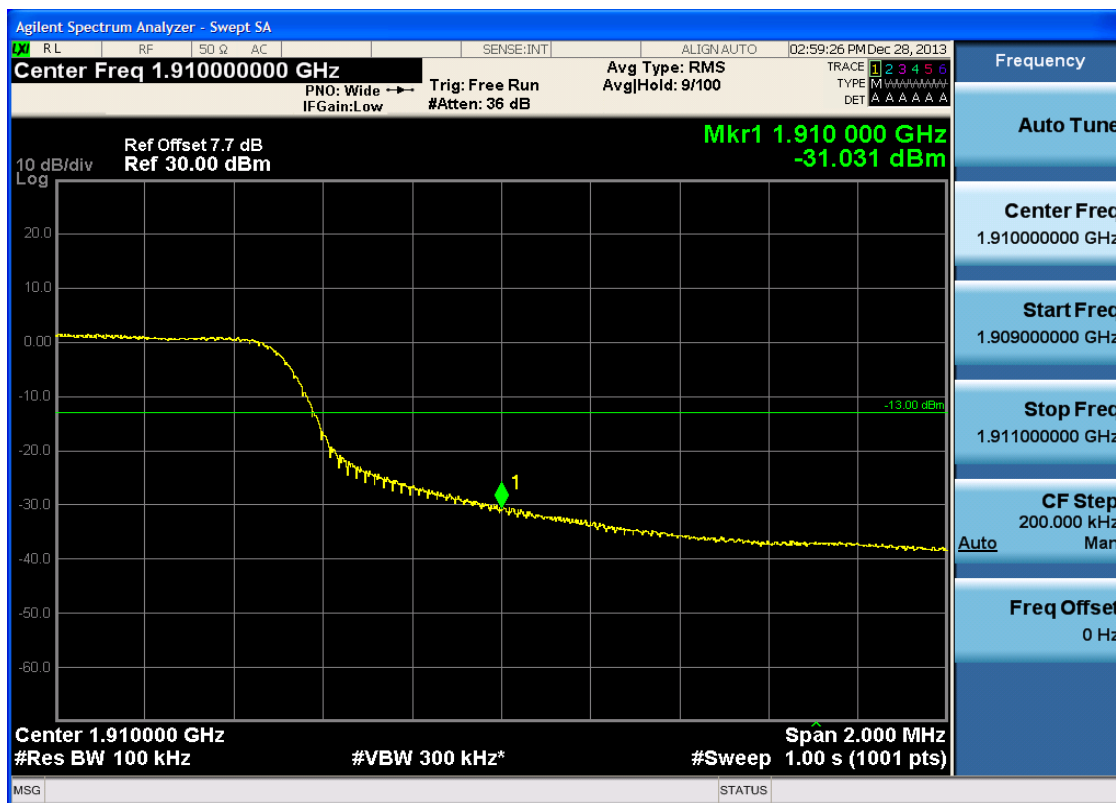


#### 5.1.1.1.4.2.3 Test RB = RB25#13





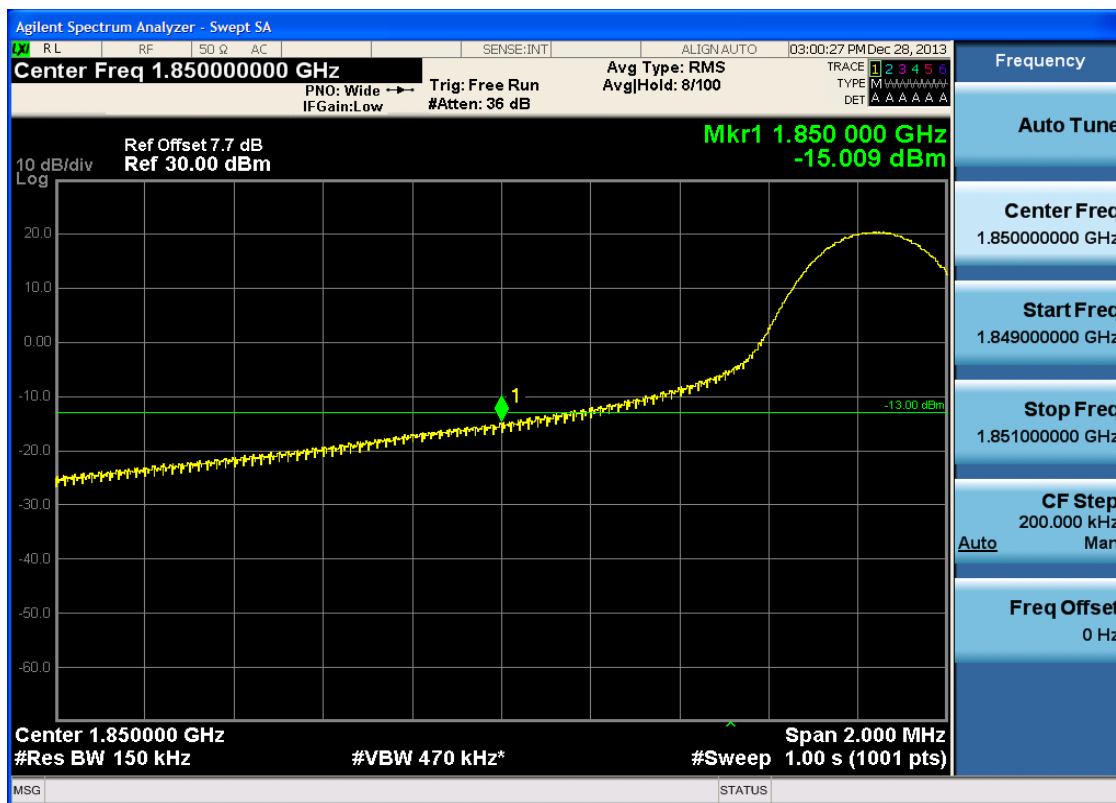
#### 5.1.1.1.4.2.4 Test RB = RB50#0



### 5.1.1.1.5 Test Bandwidth = 15

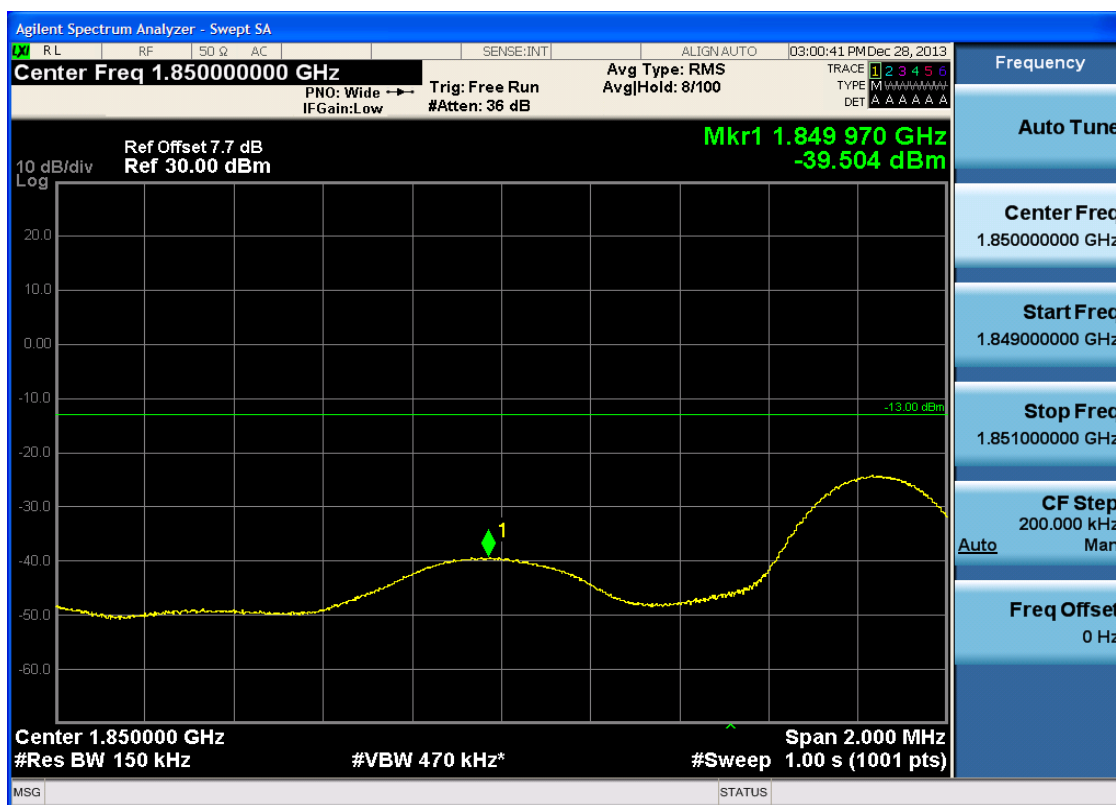
#### 5.1.1.1.5.1 Test Channel = LCH

#### 5.1.1.1.5.1.1 Test RB = RB1#0



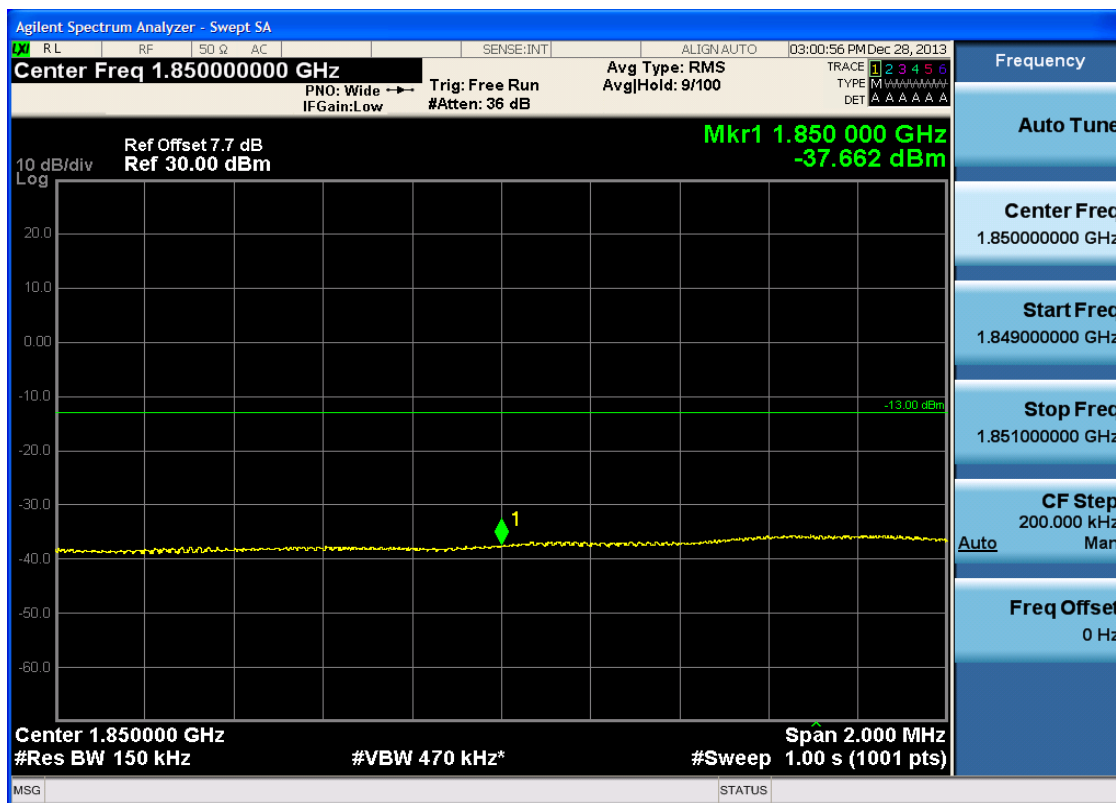


## 5.1.1.1.5.1.2 Test RB = RB1#74



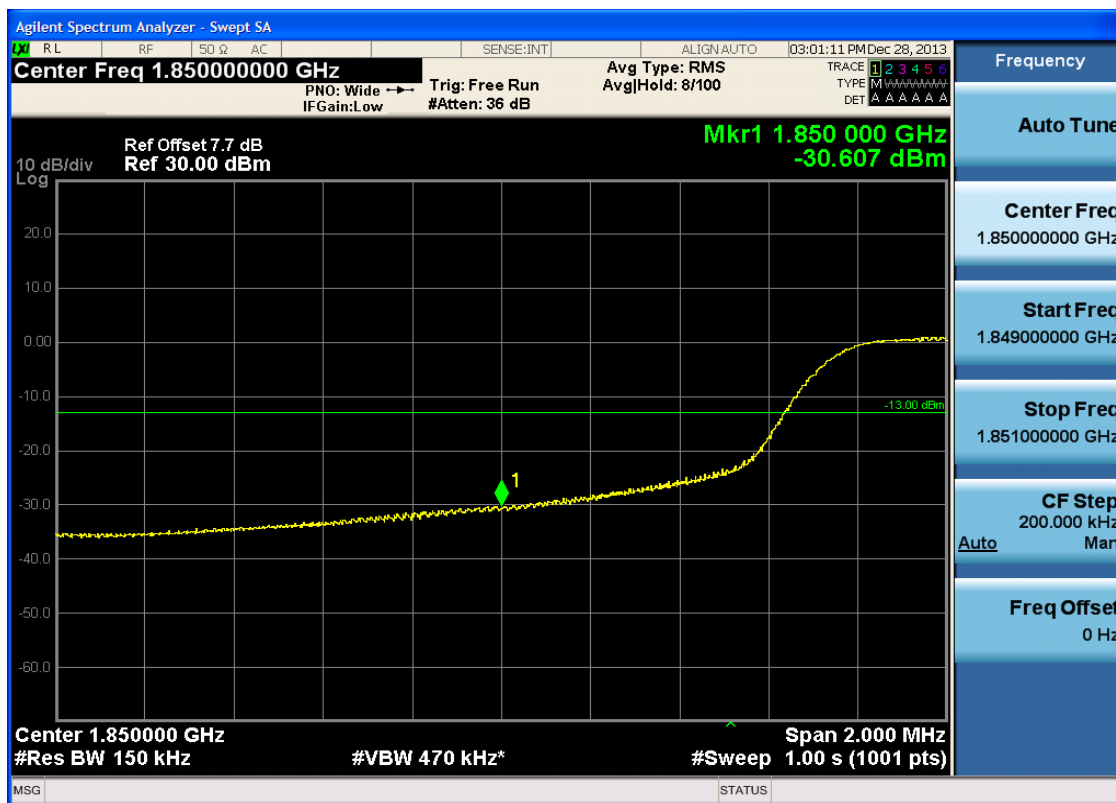


## 5.1.1.1.5.1.3 Test RB = RB38#19





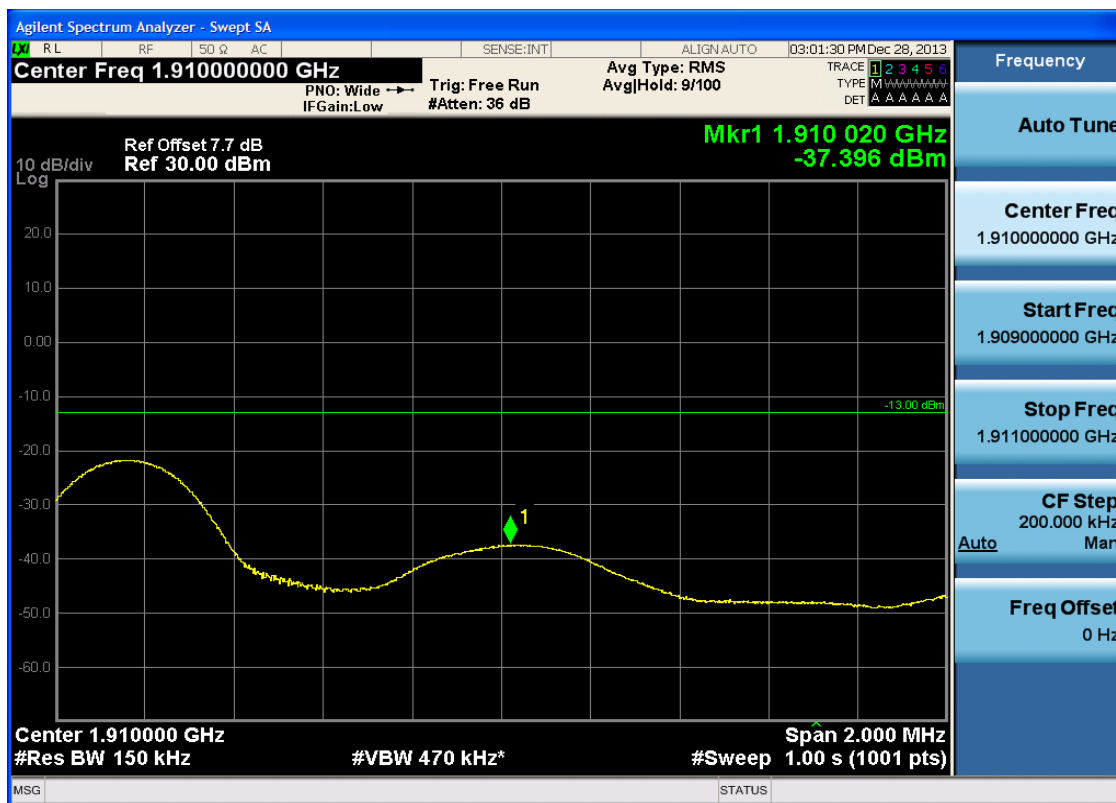
#### 5.1.1.1.5.1.4 Test RB = RB75#0

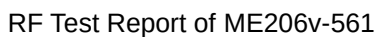




## 5.1.1.1.5.2 Test Channel = HCH

## 5.1.1.1.5.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN: AUTO 03:01:45 PM Dec 28, 2013

Center Freq 1.91000000 GHz Avg Type: RMS  
PNO: Wide Trg: Free Run Avg|Hold: 8/100  
IFGain: Low #Atten: 36 dB TYPE M DET A A A A A A

Ref Offset 7.7 dB Mkr1 1.910 000 GHz  
Ref 30.00 dBm -15.181 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 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

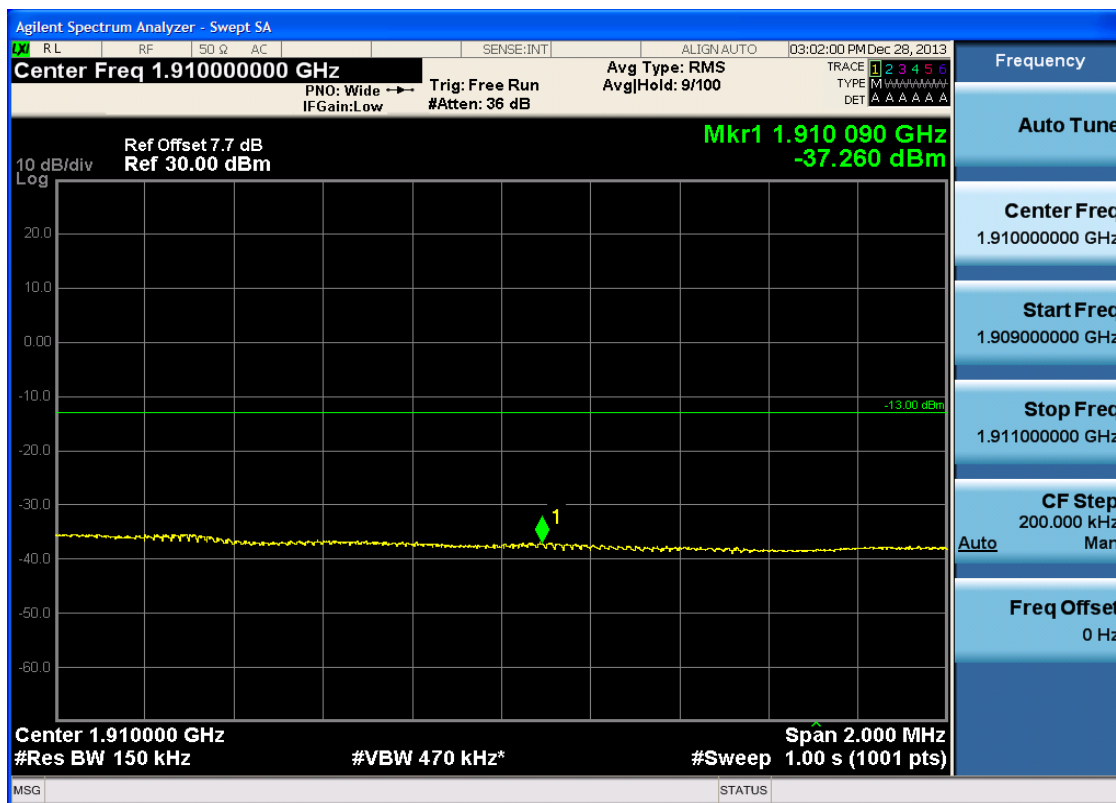
CF Step 200.000 kHz

Auto

Freq Offset 0 Hz

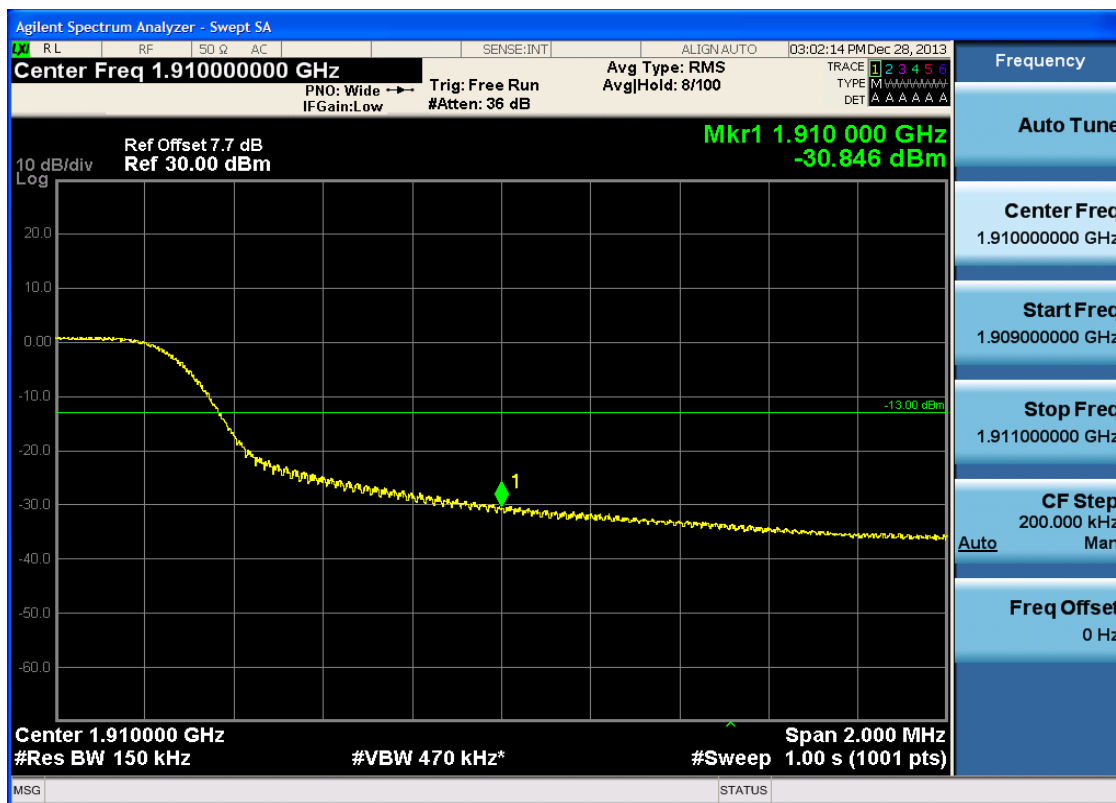


## 5.1.1.1.5.2.3 Test RB = RB38#19





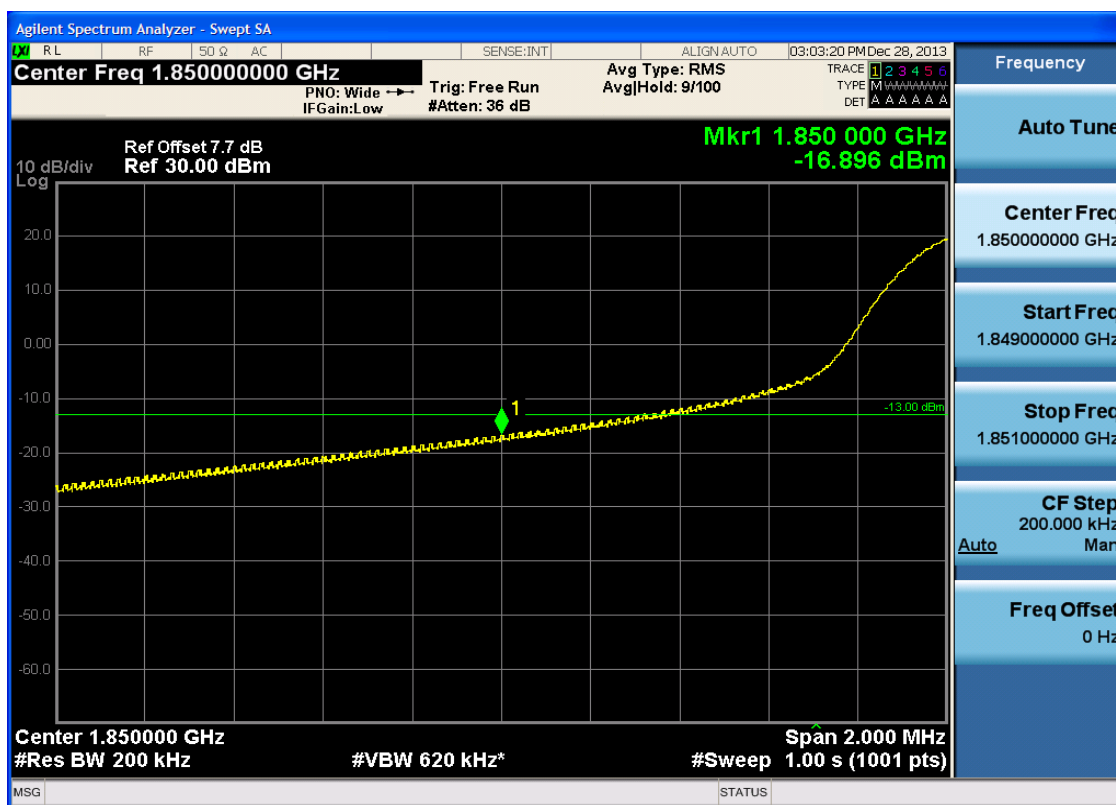
## 5.1.1.1.5.2.4 Test RB = RB75#0



### 5.1.1.1.6 Test Bandwidth = 20

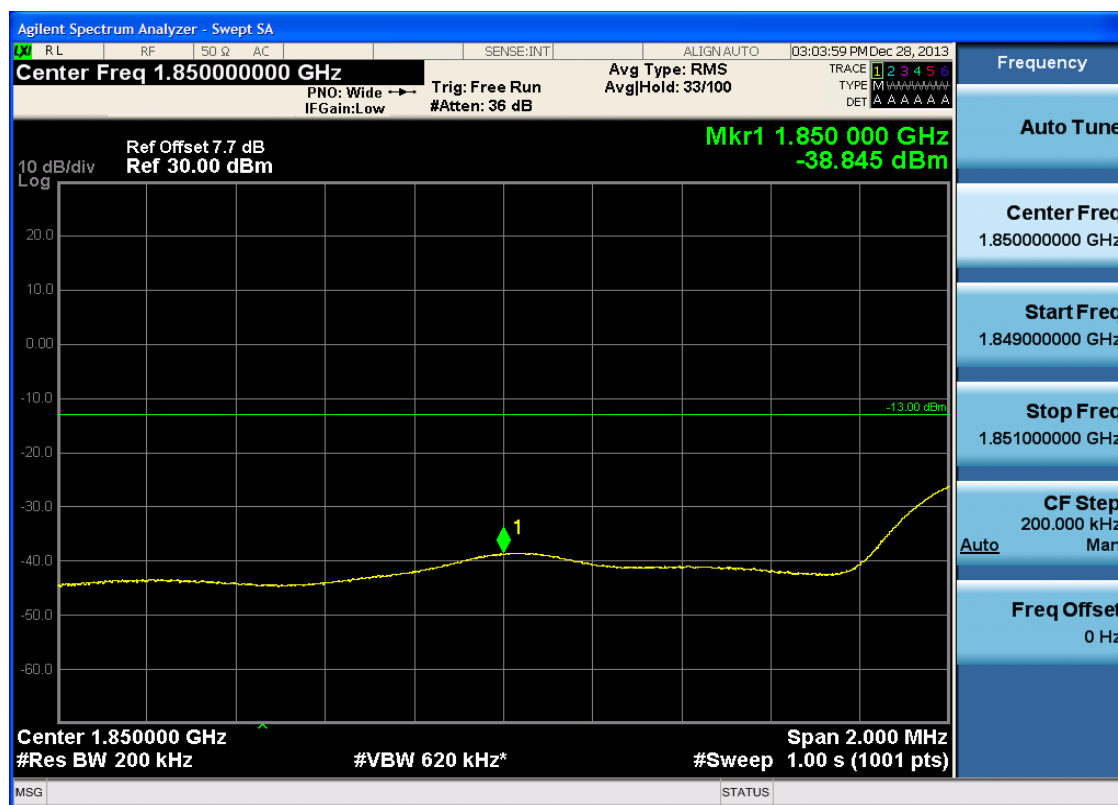
#### 5.1.1.1.6.1 Test Channel = LCH

##### 5.1.1.1.6.1.1 Test RB = RB1#0



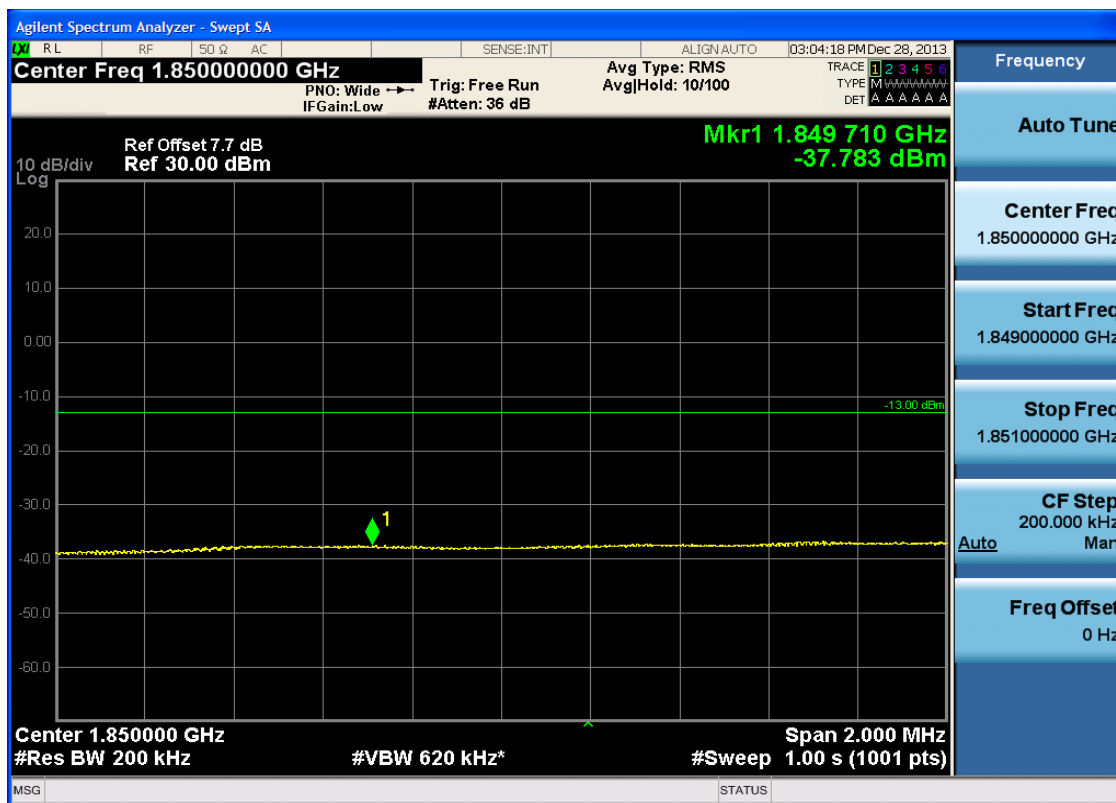


## 5.1.1.1.6.1.2 Test RB = RB1#99



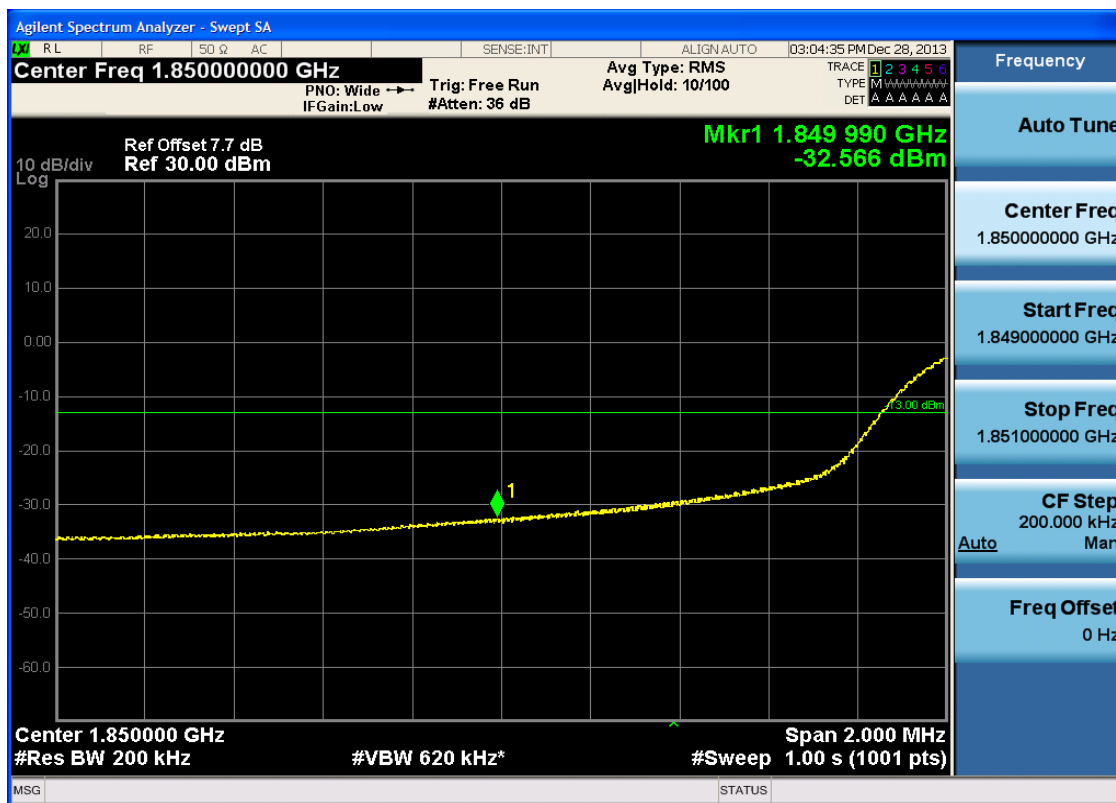


## 5.1.1.1.6.1.3 Test RB = RB50#25



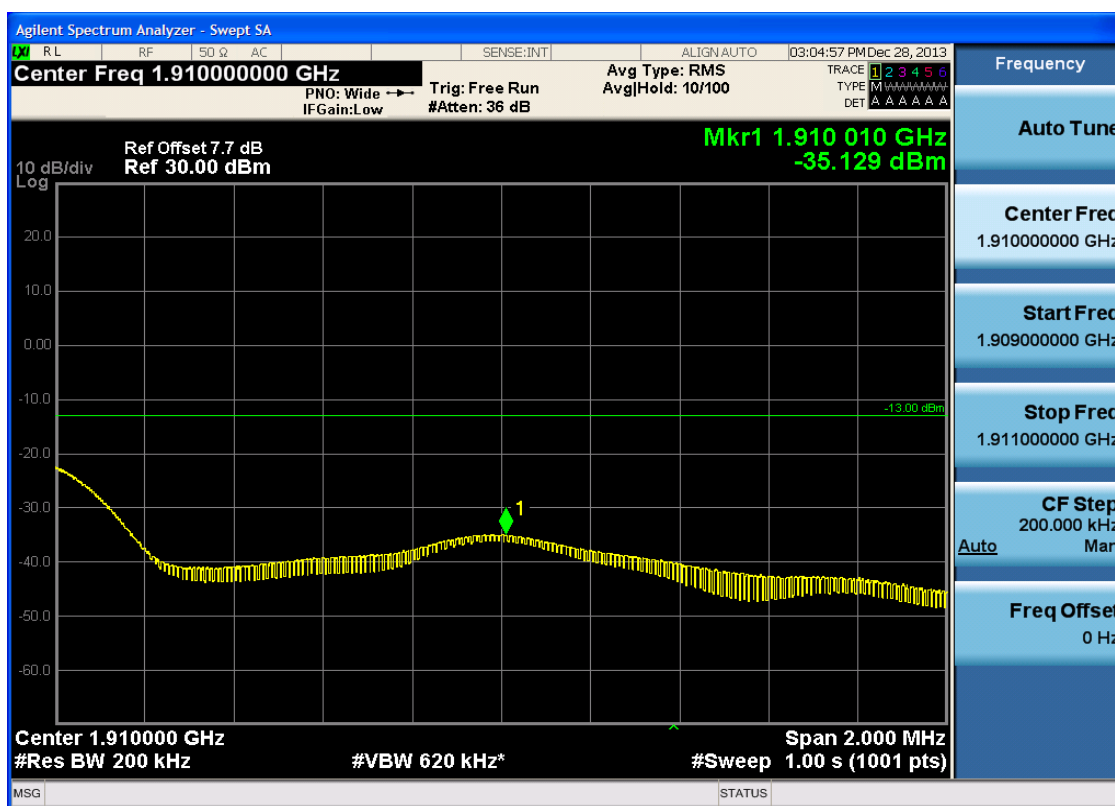


## 5.1.1.1.6.1.4 Test RB = RB100#0



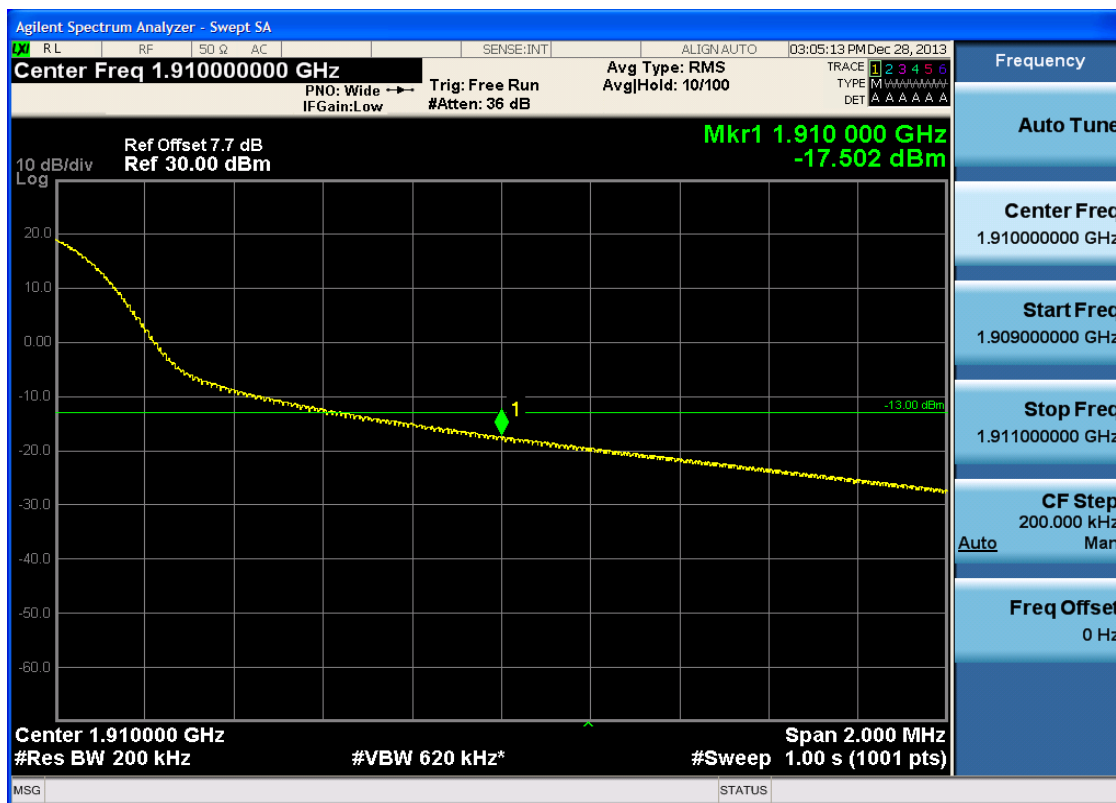
### 5.1.1.1.6.2 Test Channel = HCH

#### 5.1.1.1.6.2.1 Test RB = RB1#0



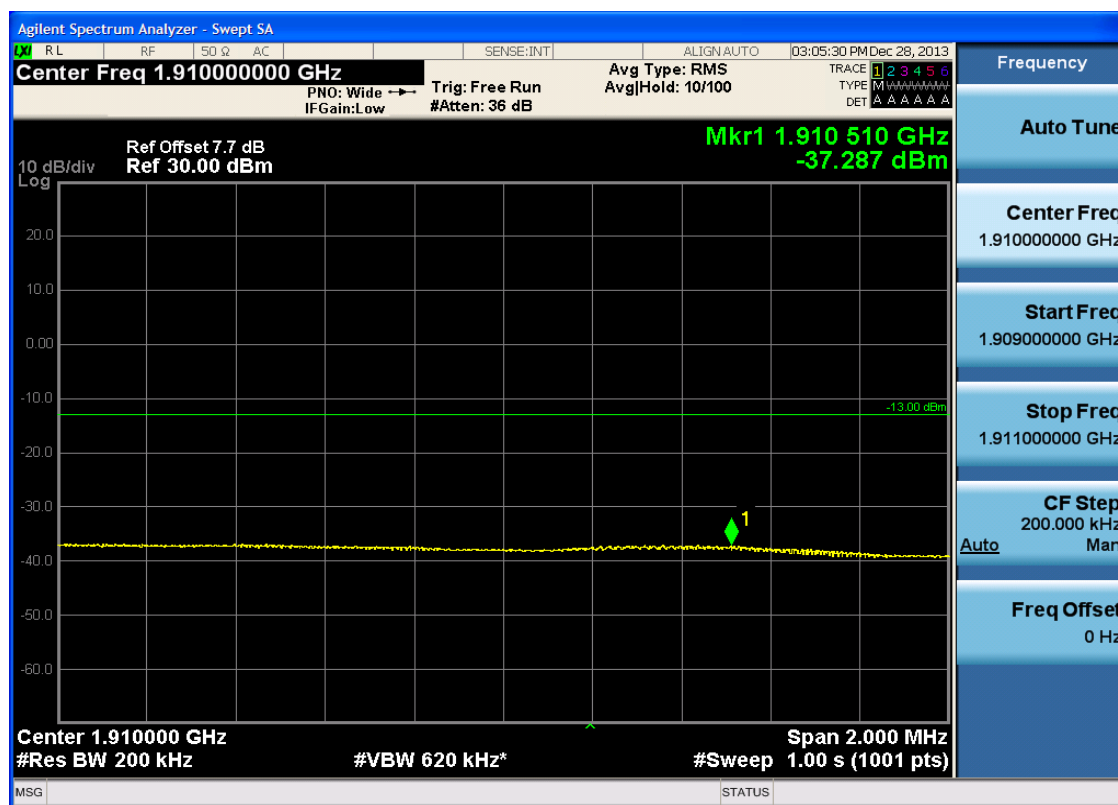


### 5.1.1.1.6.2.2 Test RB = RB1#99



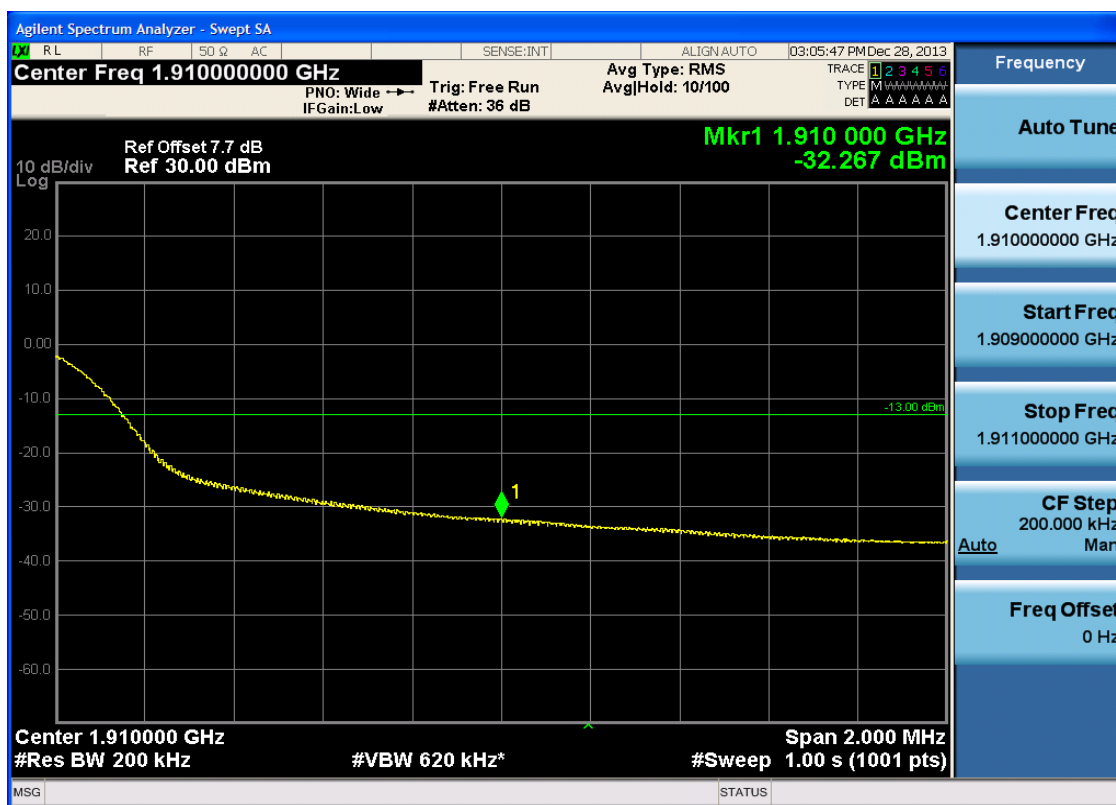


### 5.1.1.1.6.2.3 Test RB = RB50#25





## 5.1.1.1.6.2.4 Test RB = RB100#0

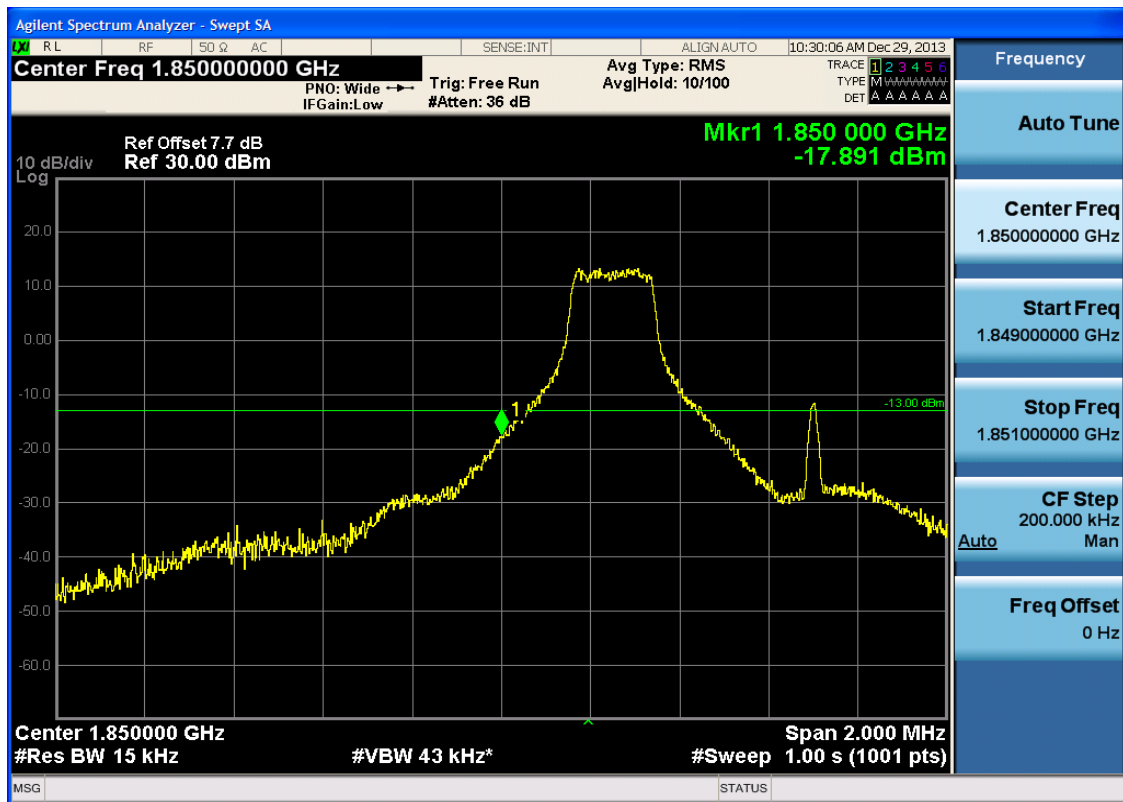


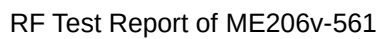
#### 5.1.4.1 Test Mode = LTE/TM2

##### 5.1.4.1.1 Test Bandwidth = 1.4

##### 5.1.4.1.1.1 Test Channel = LCH

##### 5.1.4.1.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50  $\Omega$  AC SENSE:INT ALIGN:AUTO 10:34:47 AM Dec 29, 2013

Center Freq 1.850000000 GHz Avg Type: RMS  
PNO: Wide Trig: Free Run AvgHold: 10/100  
IFGain: Low #Atten: 36 dB DET: A A A A A A

Ref Offset 7.7 dB  
Ref 30.00 dBm

Mkr1 1.849 790 GHz  
-30.646 dBm

10 dB/div  
Log

Center 1.850000 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  
1.850000000 GHz

Start Freq  
1.849000000 GHz

Stop Freq  
1.851000000 GHz

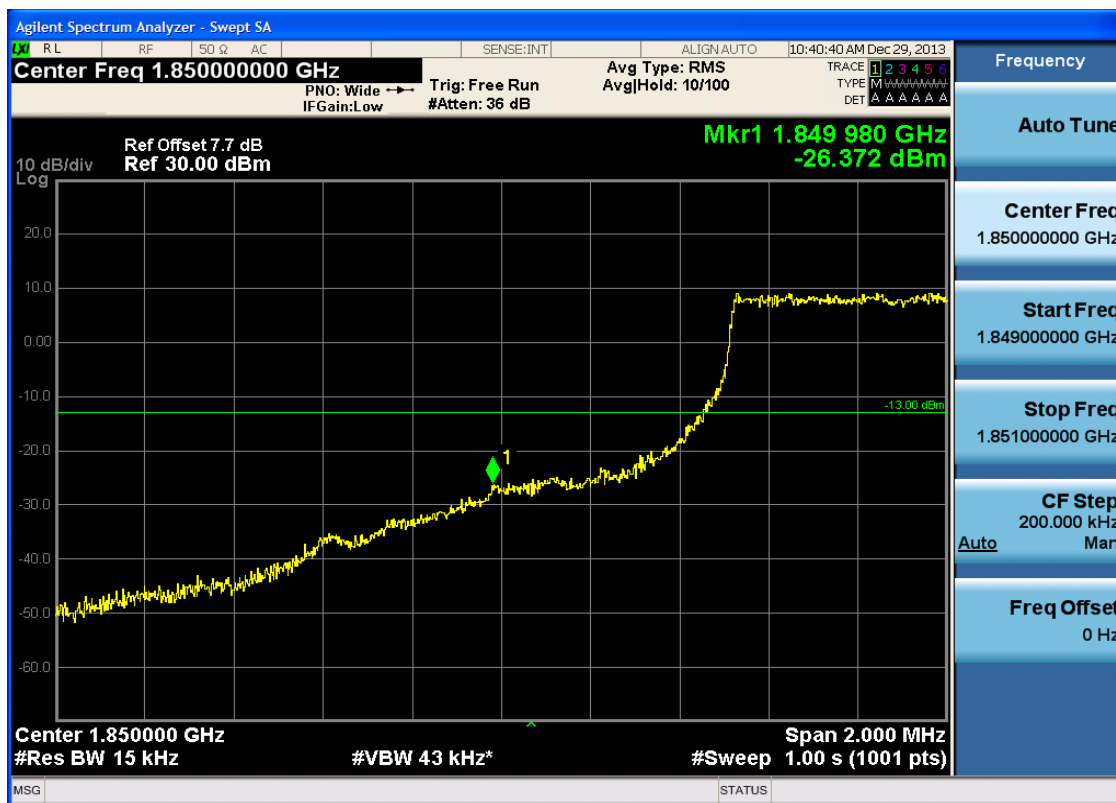
CF Step  
200.000 kHz  
Man

Auto

Freq Offset  
0 Hz

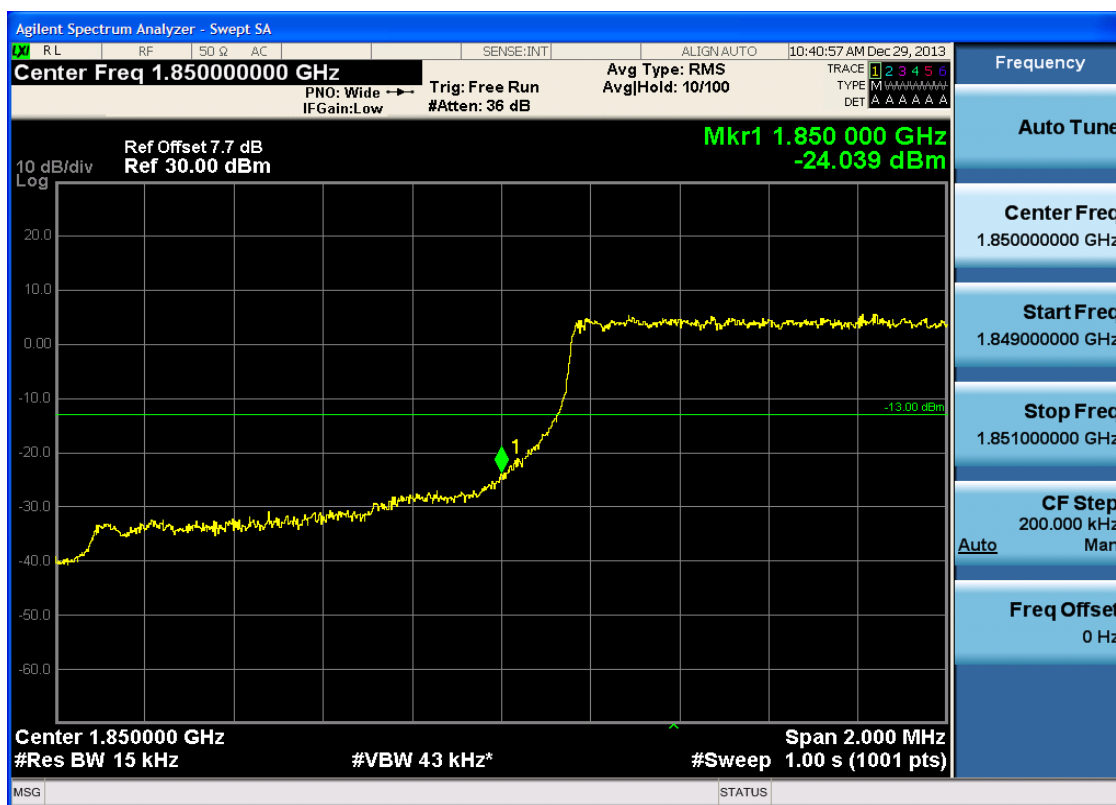


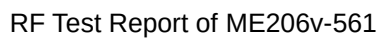
## 5.1.4.1.1.3 Test RB = RB3#2



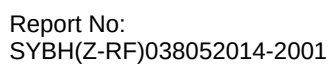


## 5.1.4.1.1.4 Test RB = RB6#0



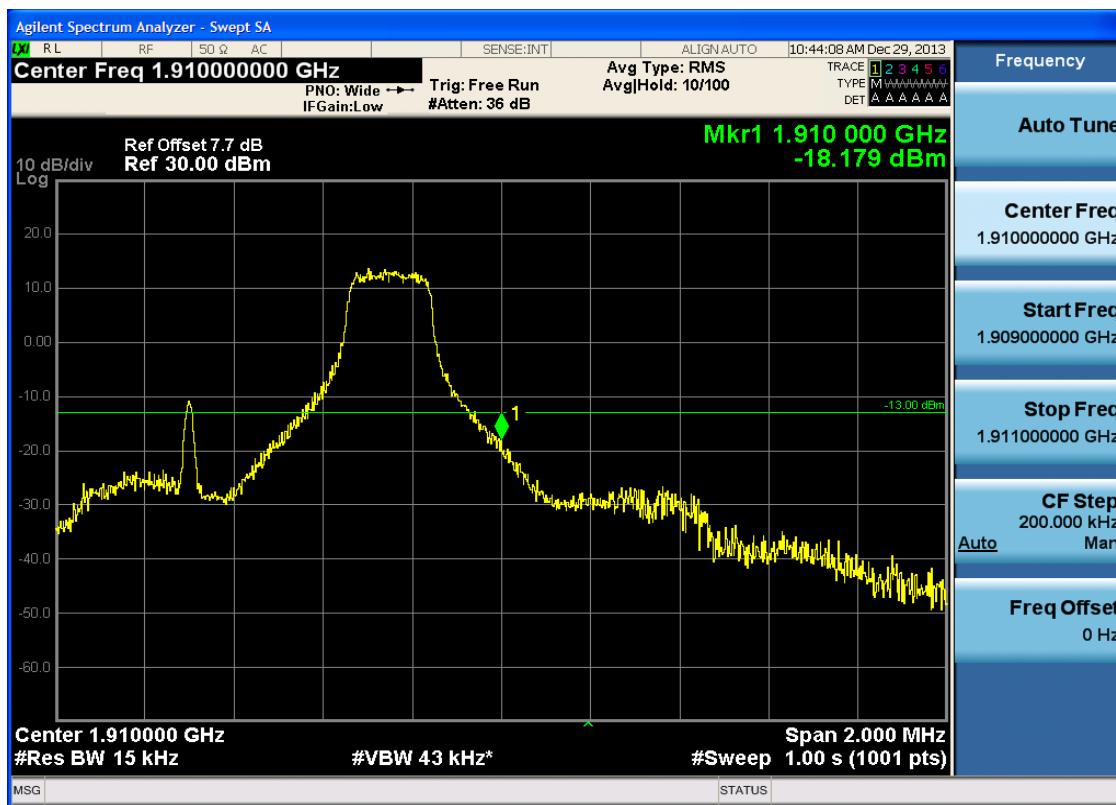


#### 5.1.4.1.1.2.1 Test RB = RB1#0





## 5.1.4.1.1.2.2 Test RB = RB1#5





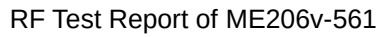
## 5.1.4.1.1.2.3 Test RB = RB3#2





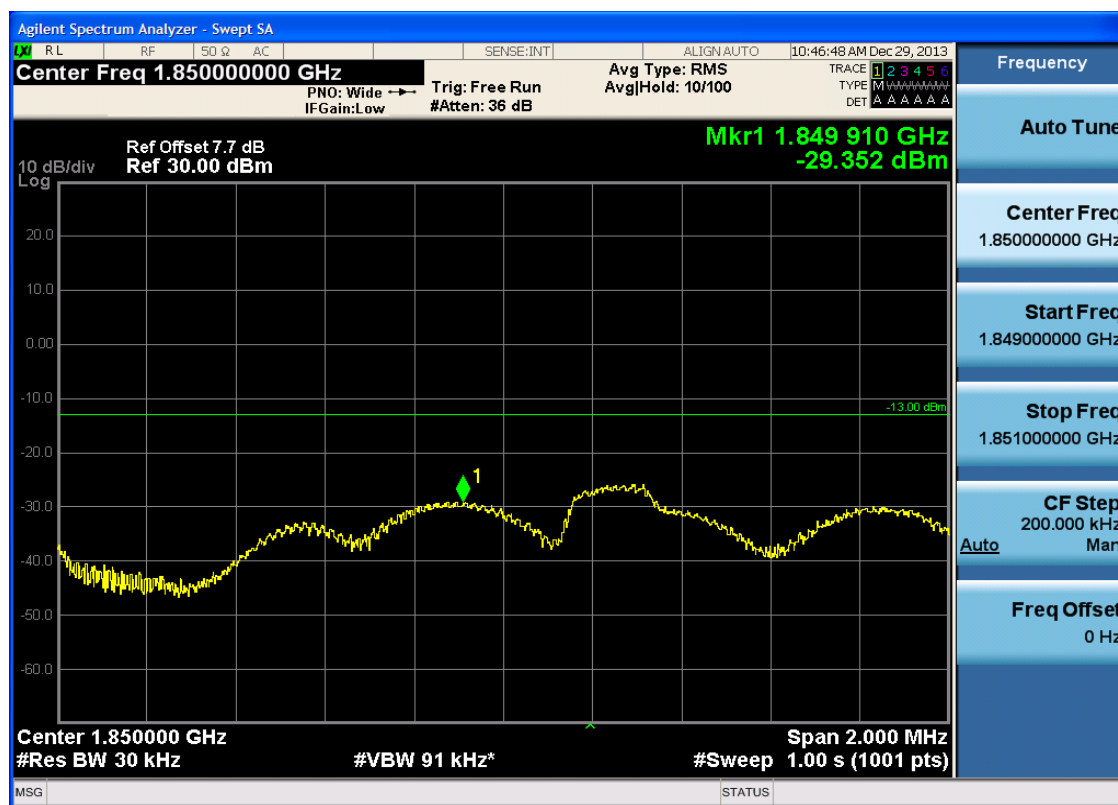
## 5.1.4.1.1.2.4 Test RB = RB6#0





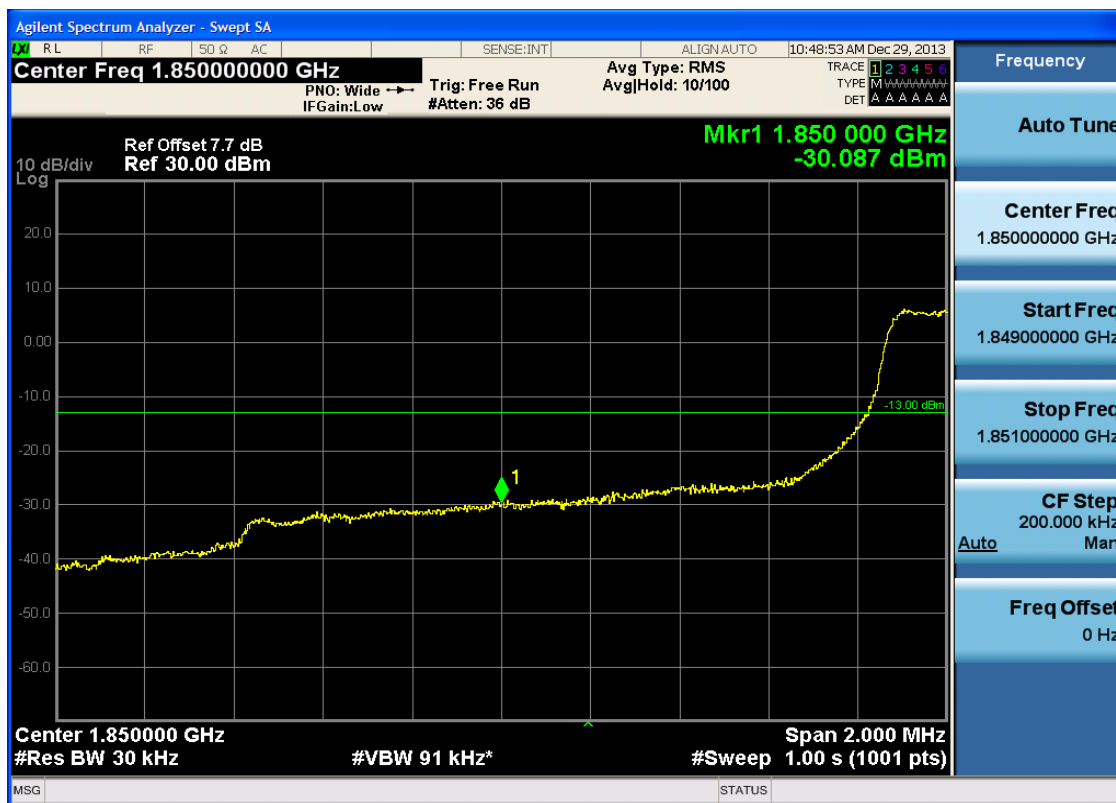


## 5.1.4.1.2.1.2 Test RB = RB1#14



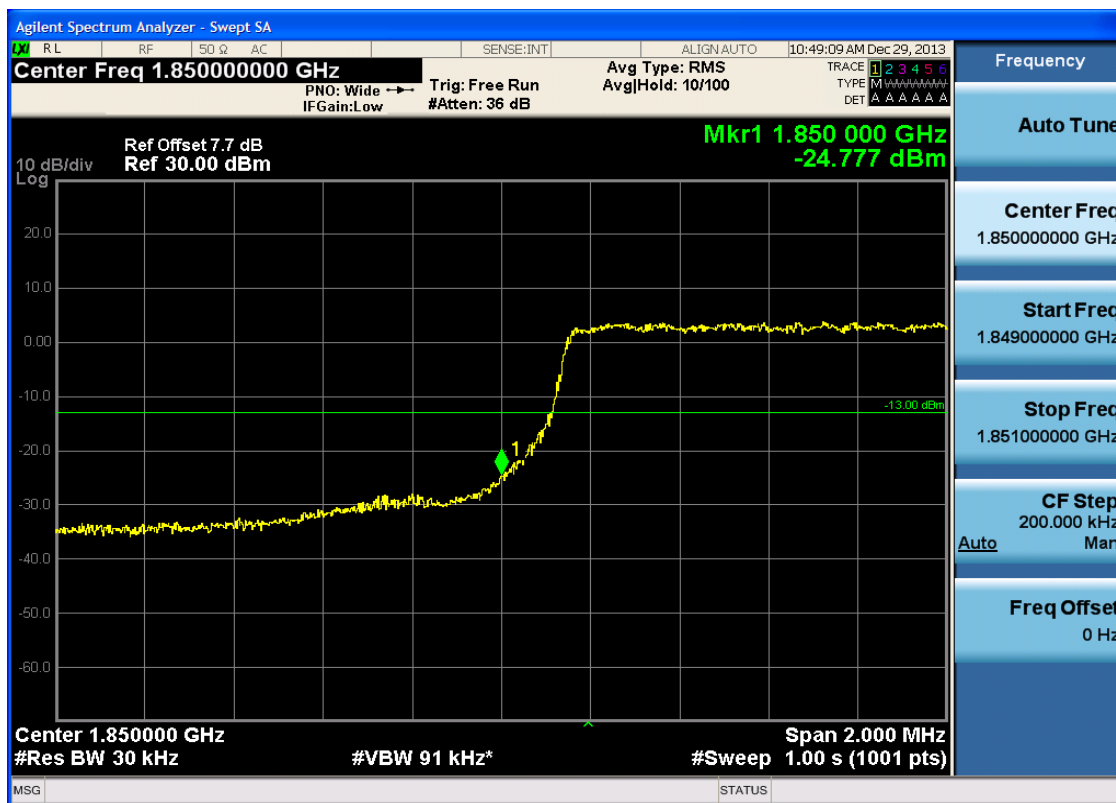


## 5.1.4.1.2.1.3 Test RB = RB8#4



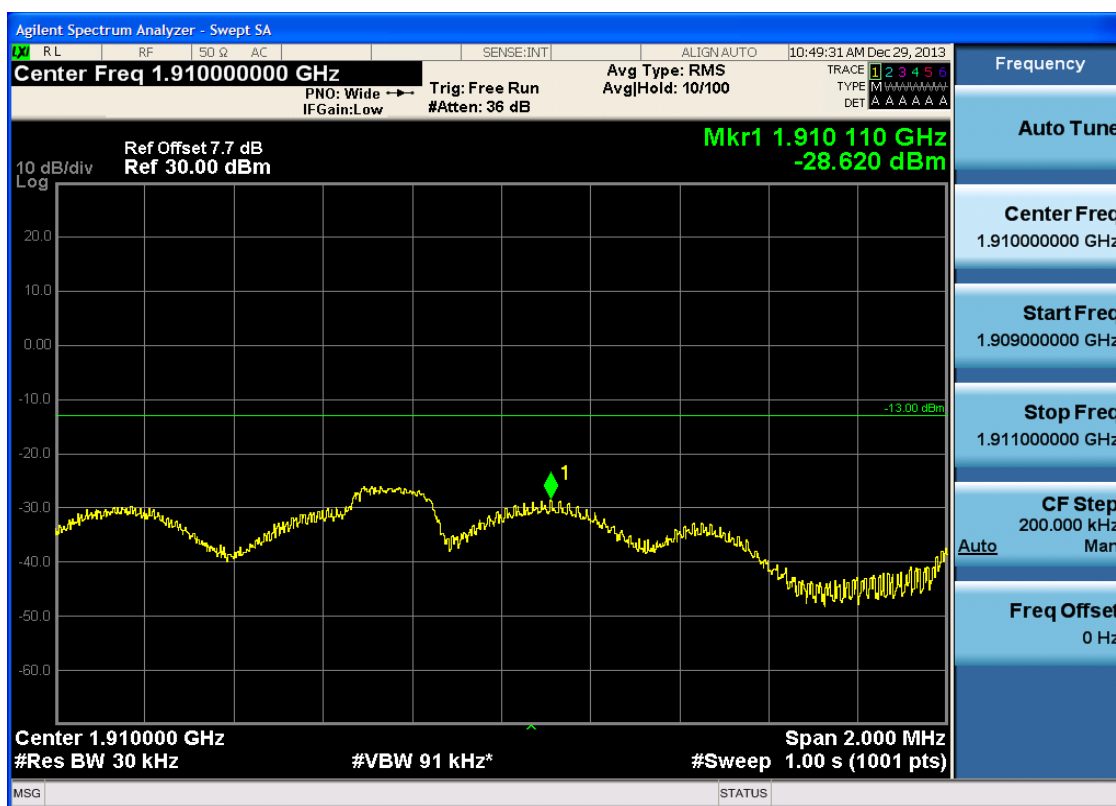


## 5.1.4.1.2.1.4 Test RB = RB15#0



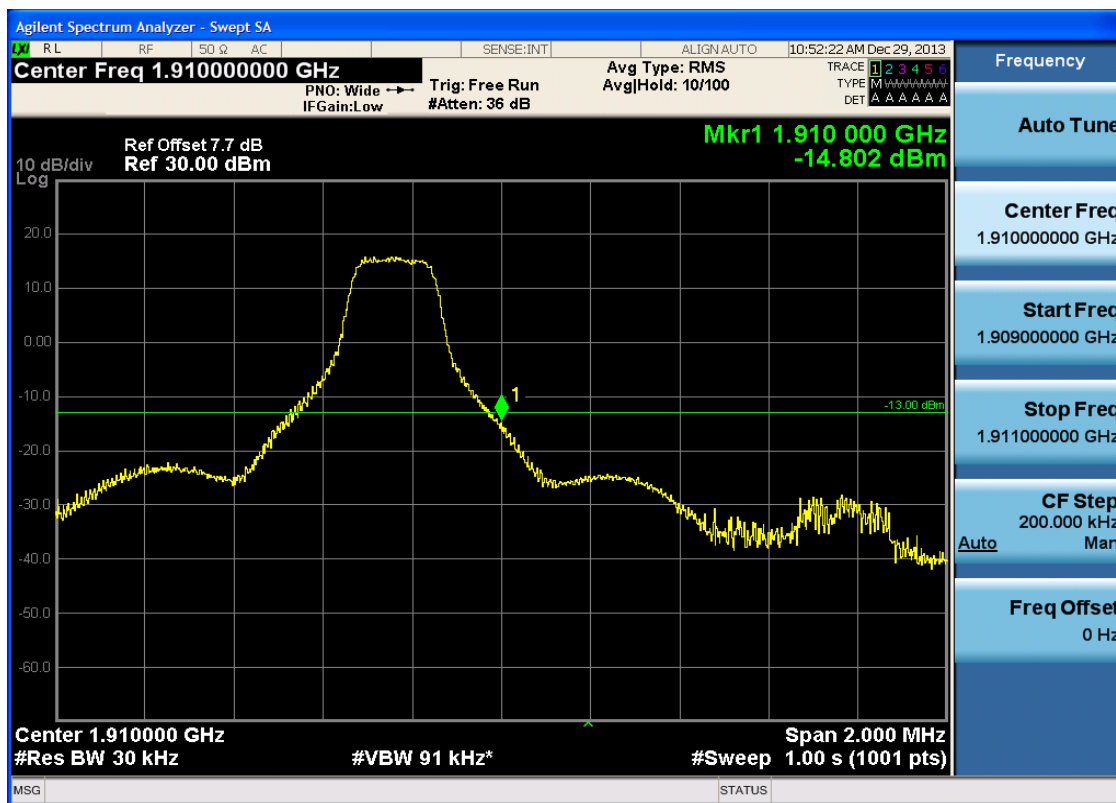
### 5.1.4.1.2.2 Test Channel = HCH

#### 5.1.4.1.2.2.1 Test RB = RB1#0



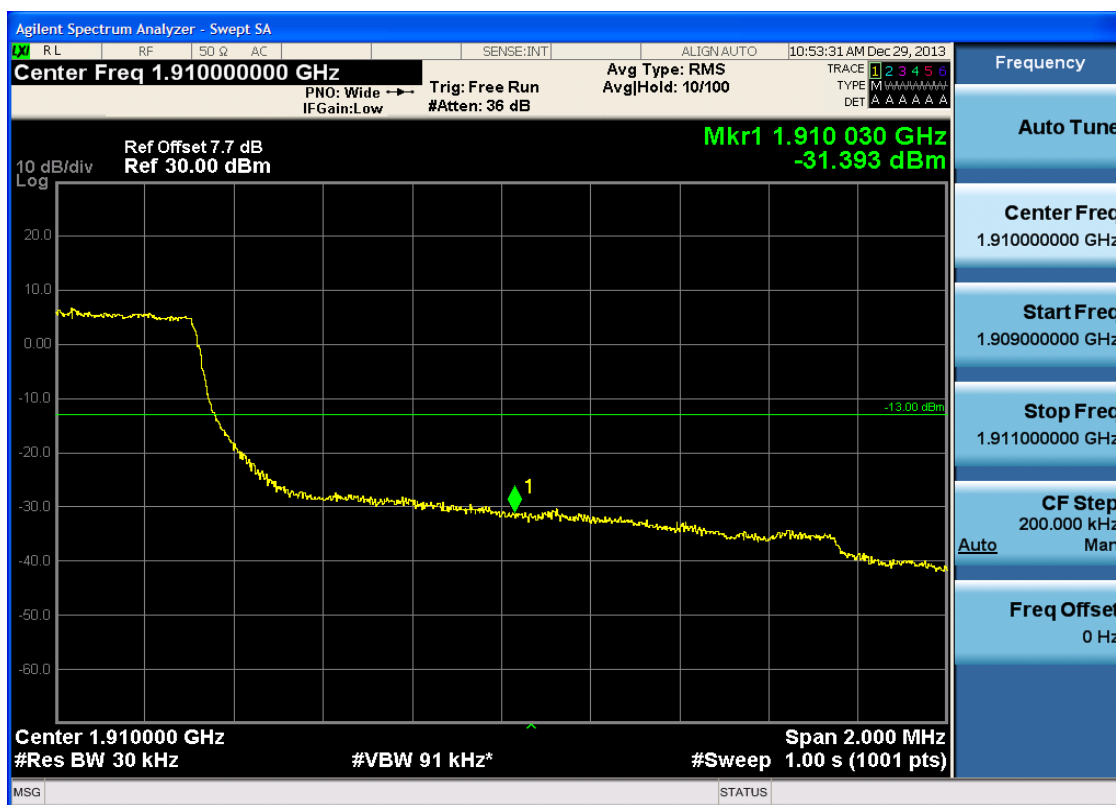


## 5.1.4.1.2.2.2 Test RB = RB1#14



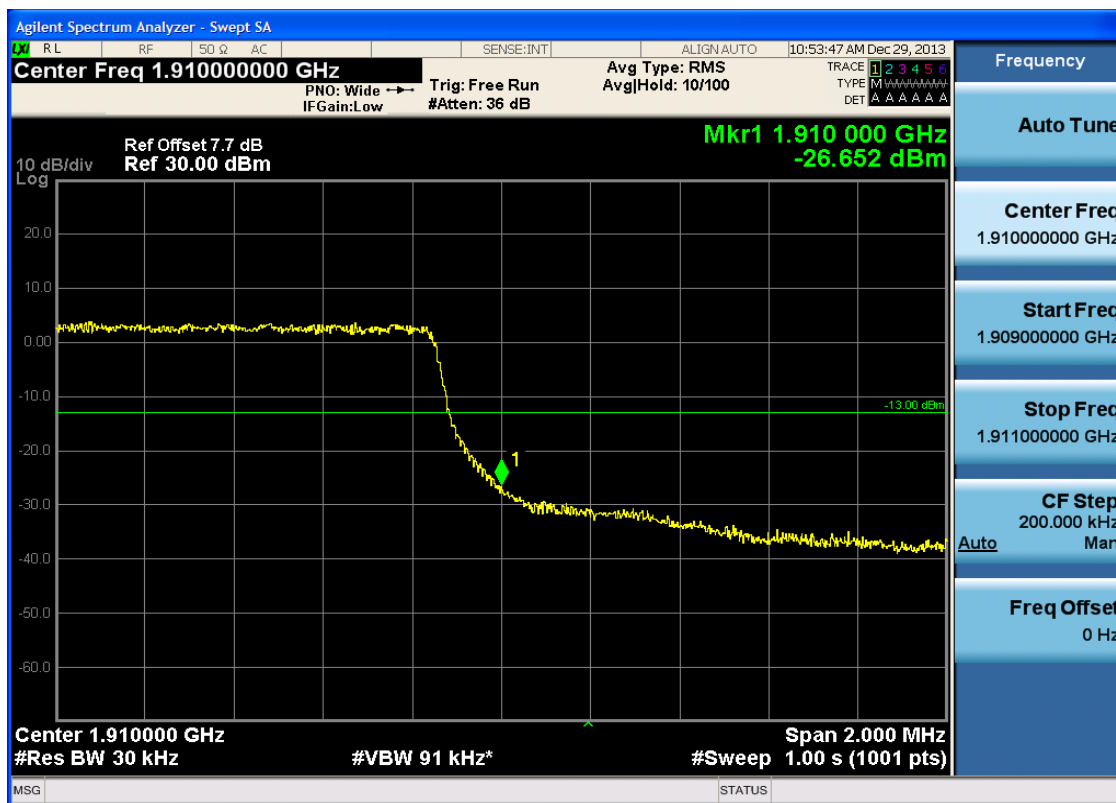


## 5.1.4.1.2.3 Test RB = RB8#4





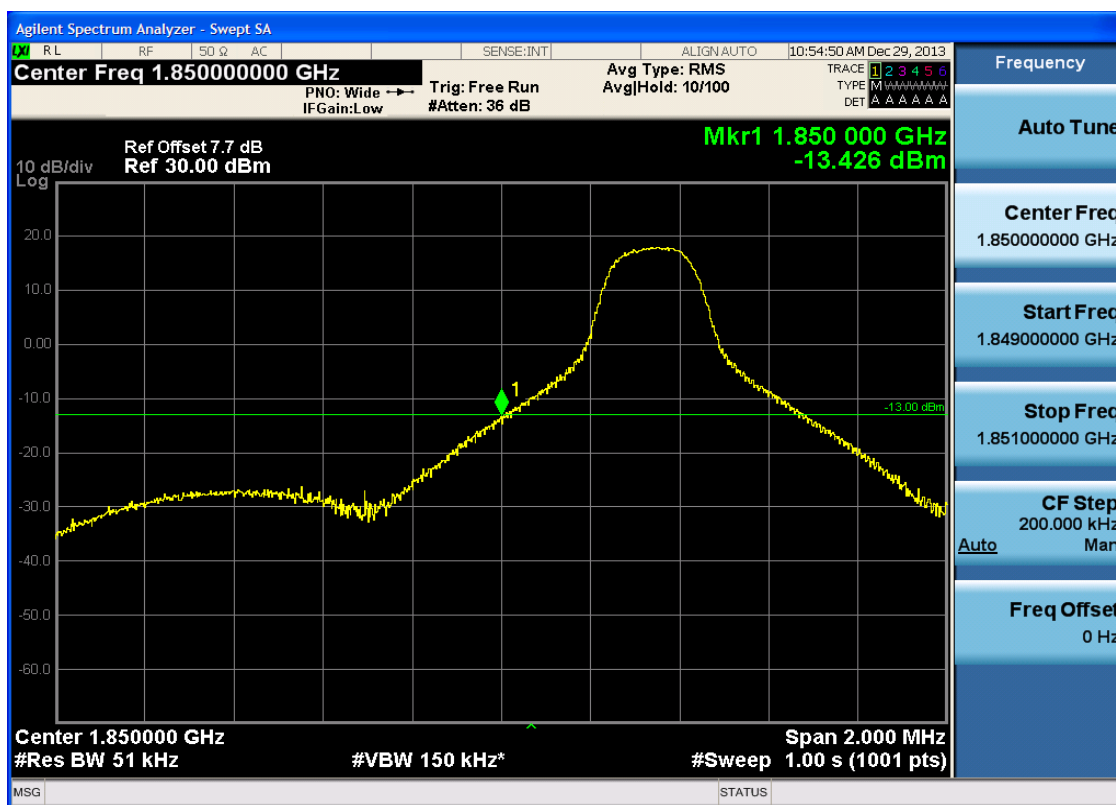
## 5.1.4.1.2.2.4 Test RB = RB15#0



### 5.1.4.1.3 Test Bandwidth = 5

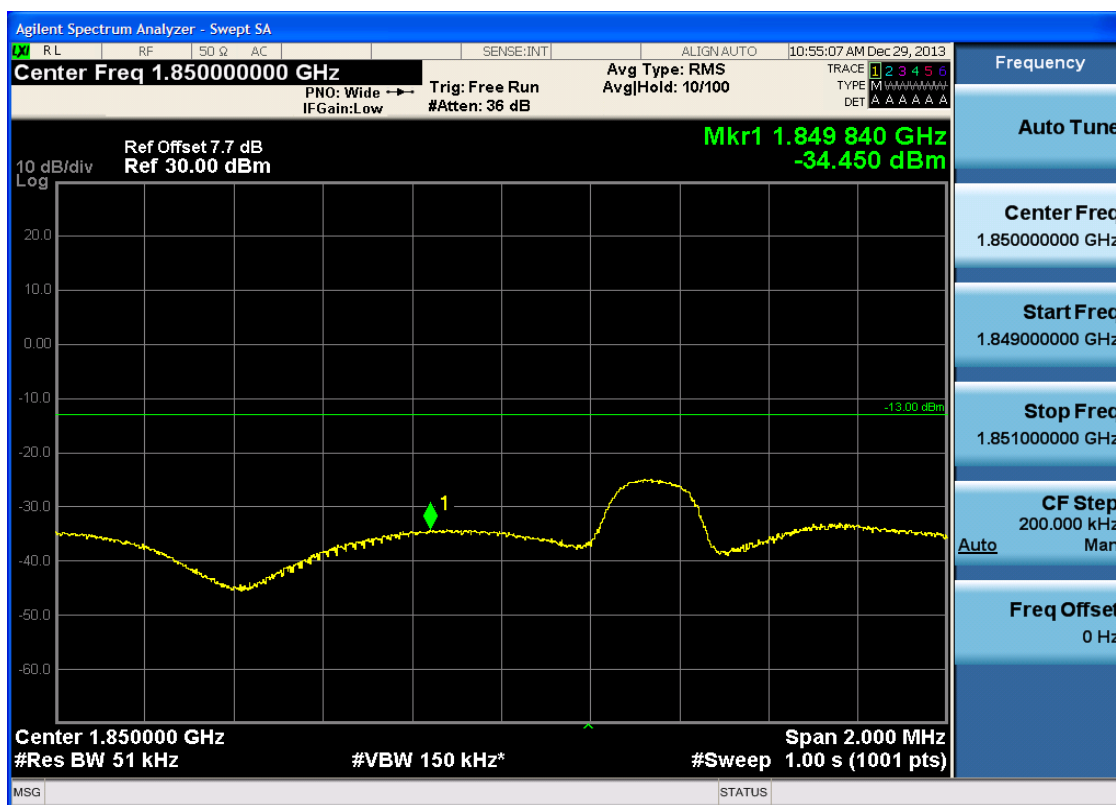
#### 5.1.4.1.3.1 Test Channel = LCH

#### 5.1.4.1.5.1.1 Test RB = RB1#0





## 5.1.4.1.3.1.2 Test RB = RB1#24





## 5.1.4.1.3.1.3 Test RB = RB12#6

