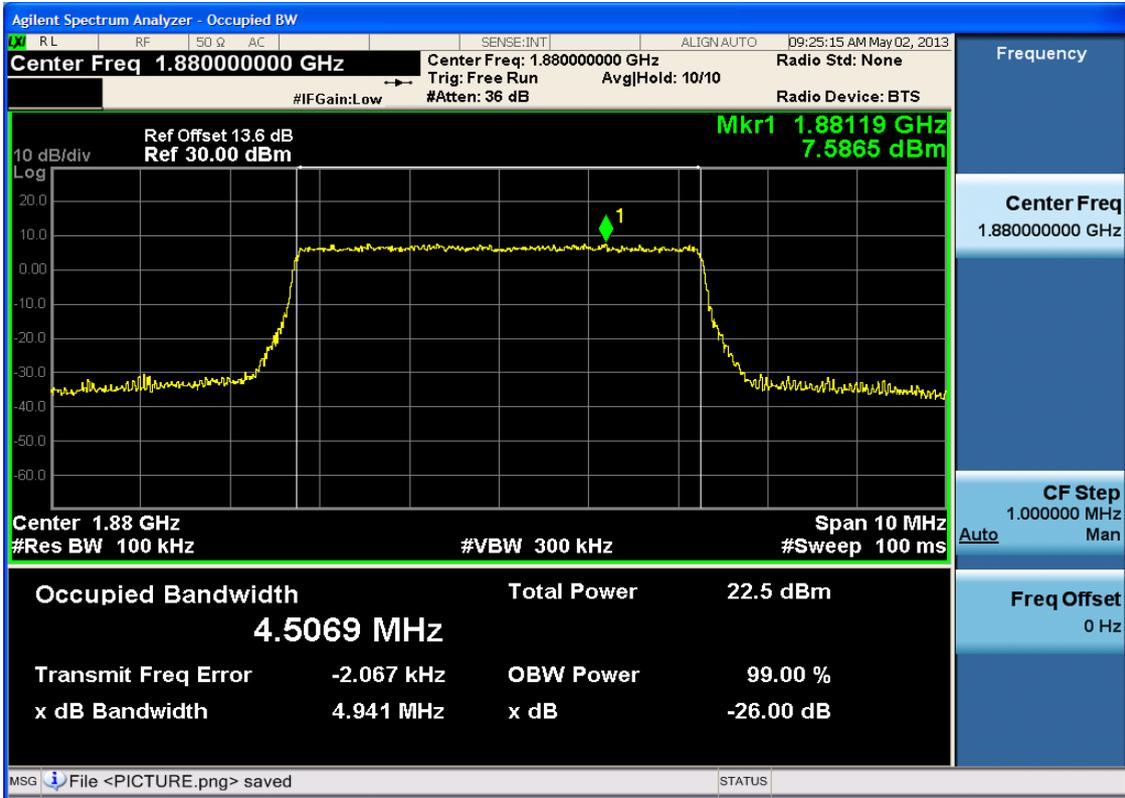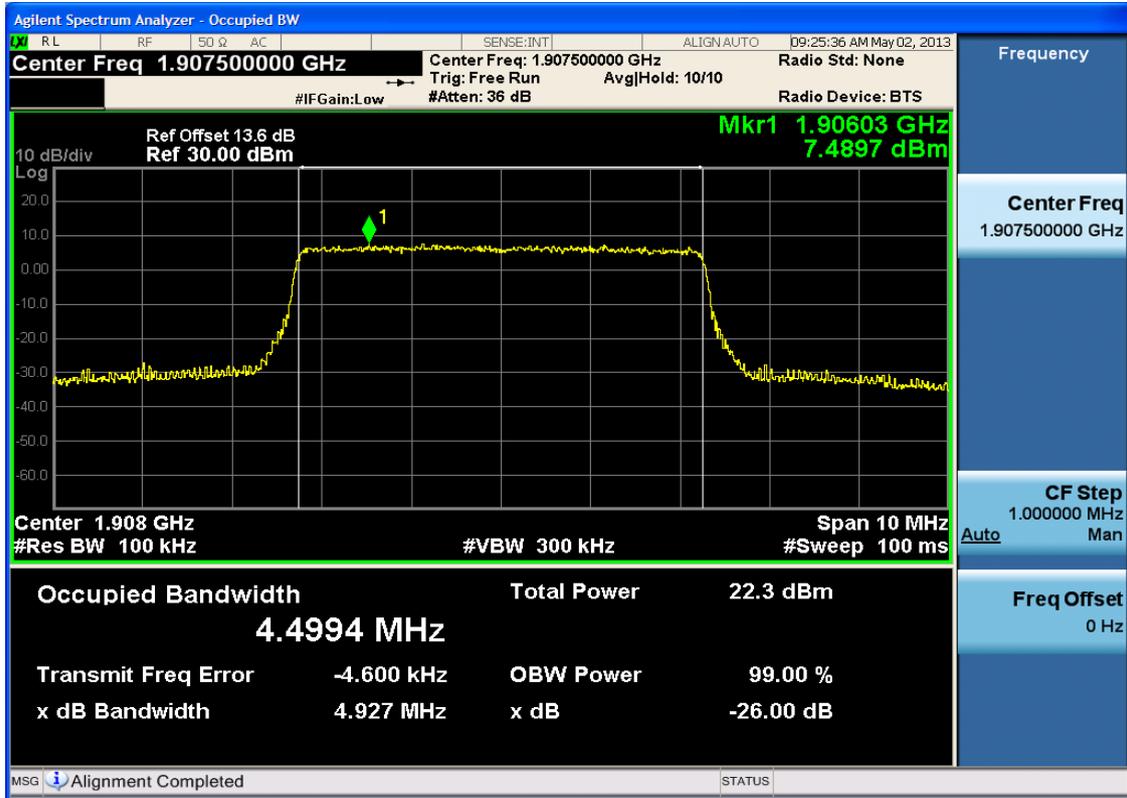## 4.3.1.1.3.2 Test Channel = MCH

## 4.3.1.1.3.2.1 Test RB = RB25#0

## 4.3.1.1.3.3 Test Channel = HCH
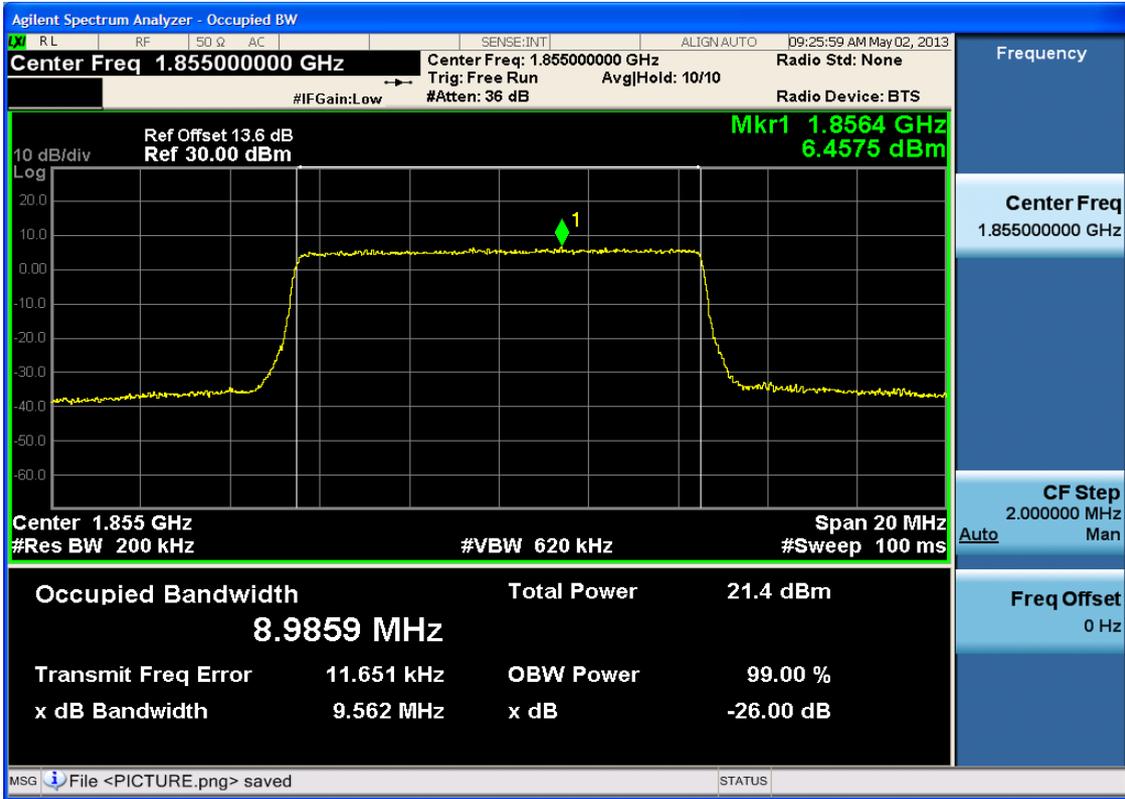
### 4.3.1.1.3.3.1 Test RB = RB25#0

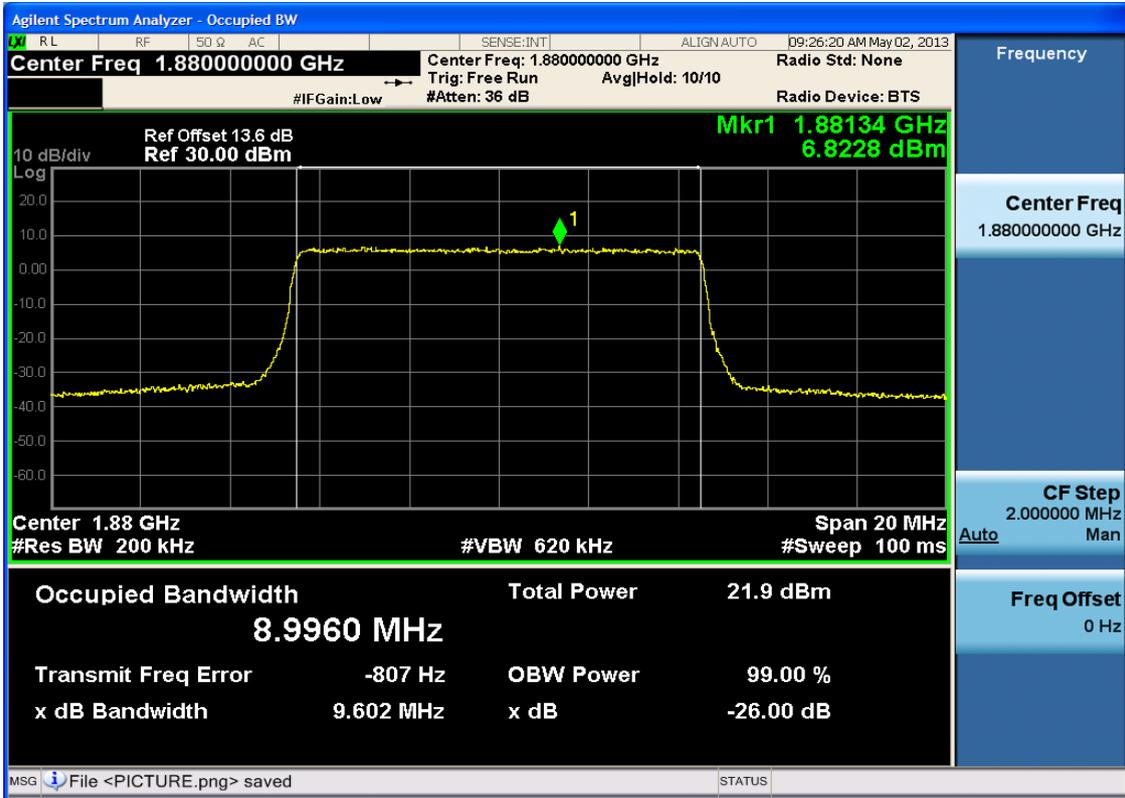**4.3.1.1.4 Test Bandwidth = 10**

**4.3.1.1.4.1 Test Channel = LCH**
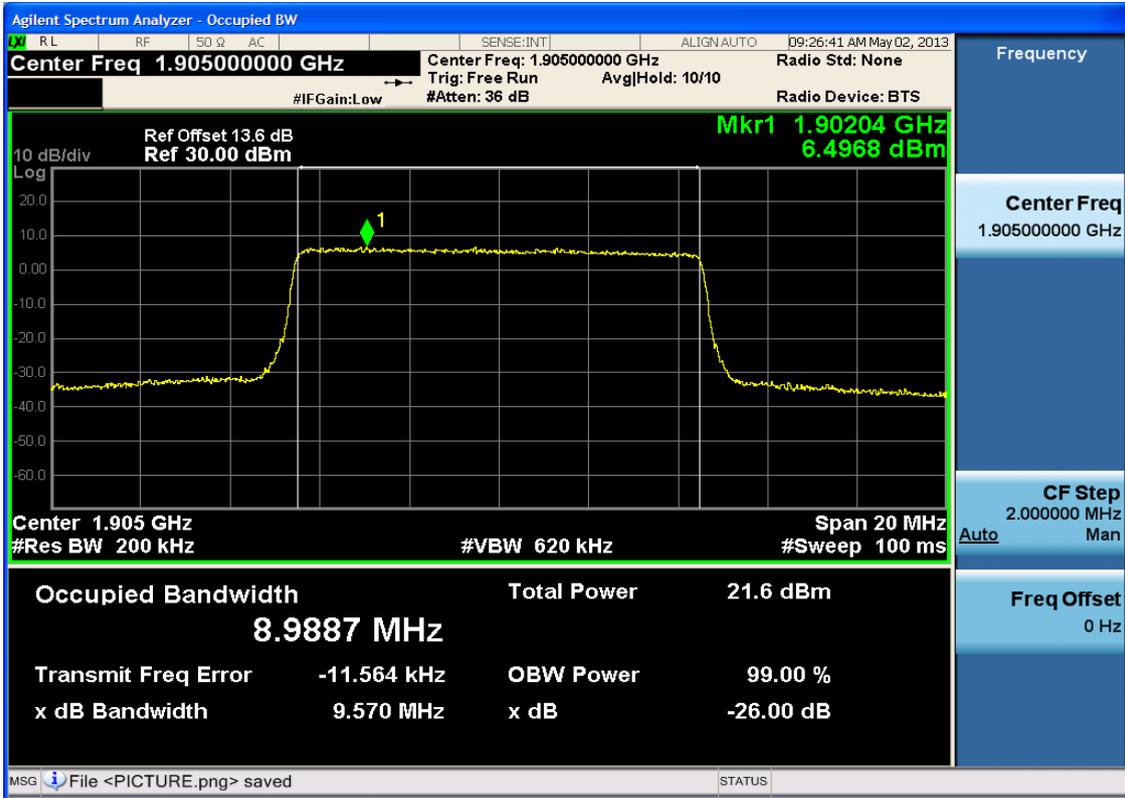
**4.3.1.1.4.1.1 Test RB = RB50#0**

## 4.3.1.1.4.2 Test Channel = MCH

## 4.3.1.1.4.2.1 Test RB = RB50#0
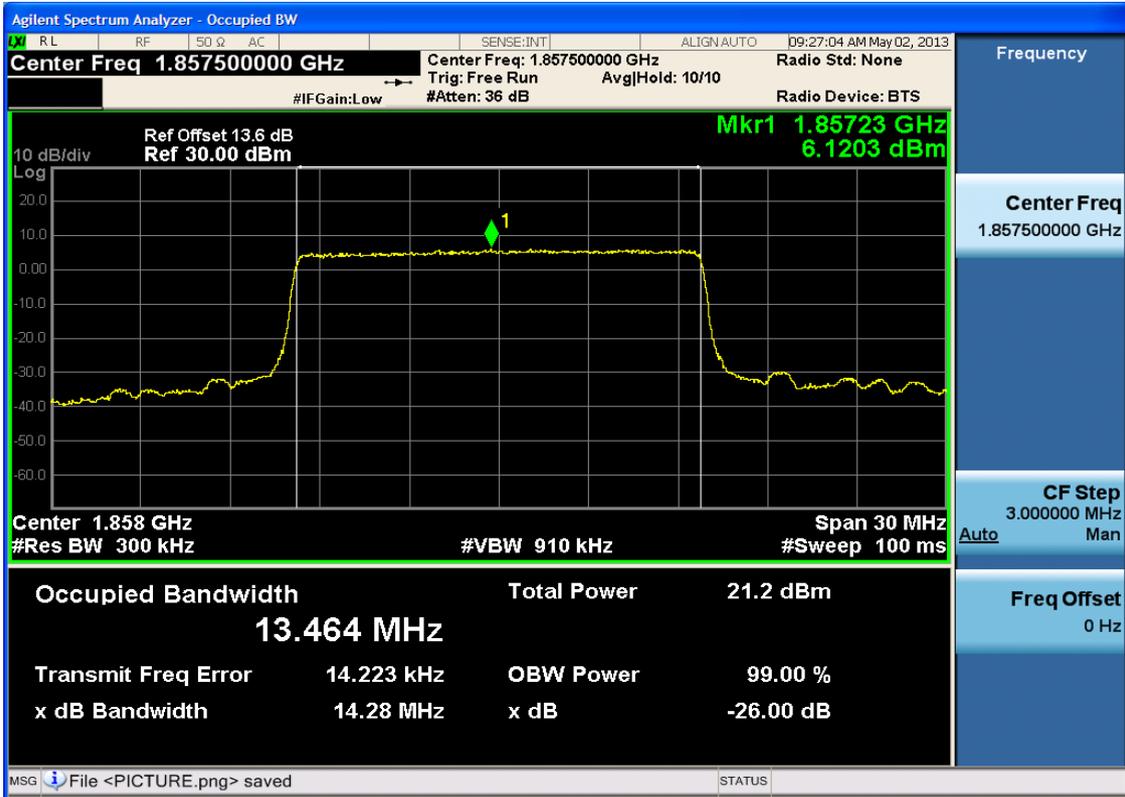
## 4.3.1.1.4.3 Test Channel = HCH

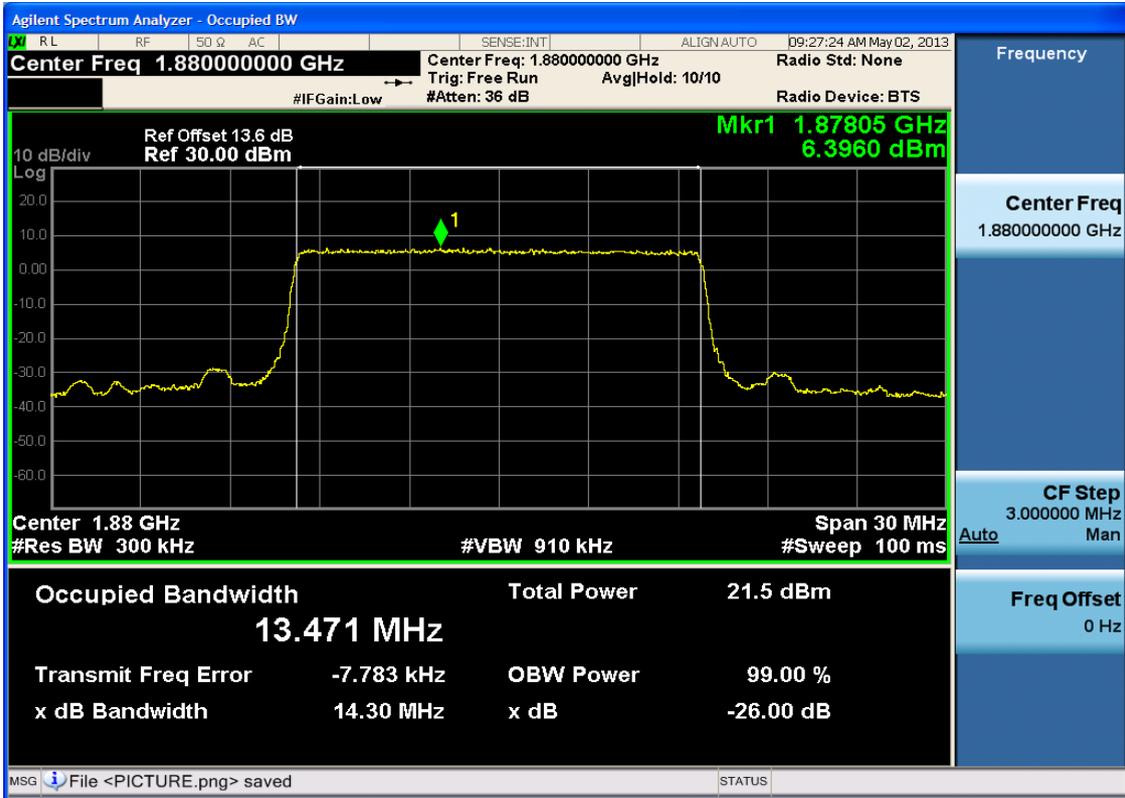### 4.3.1.1.4.3.1 Test RB = RB50#0

**4.3.1.1.5 Test Bandwidth = 15**

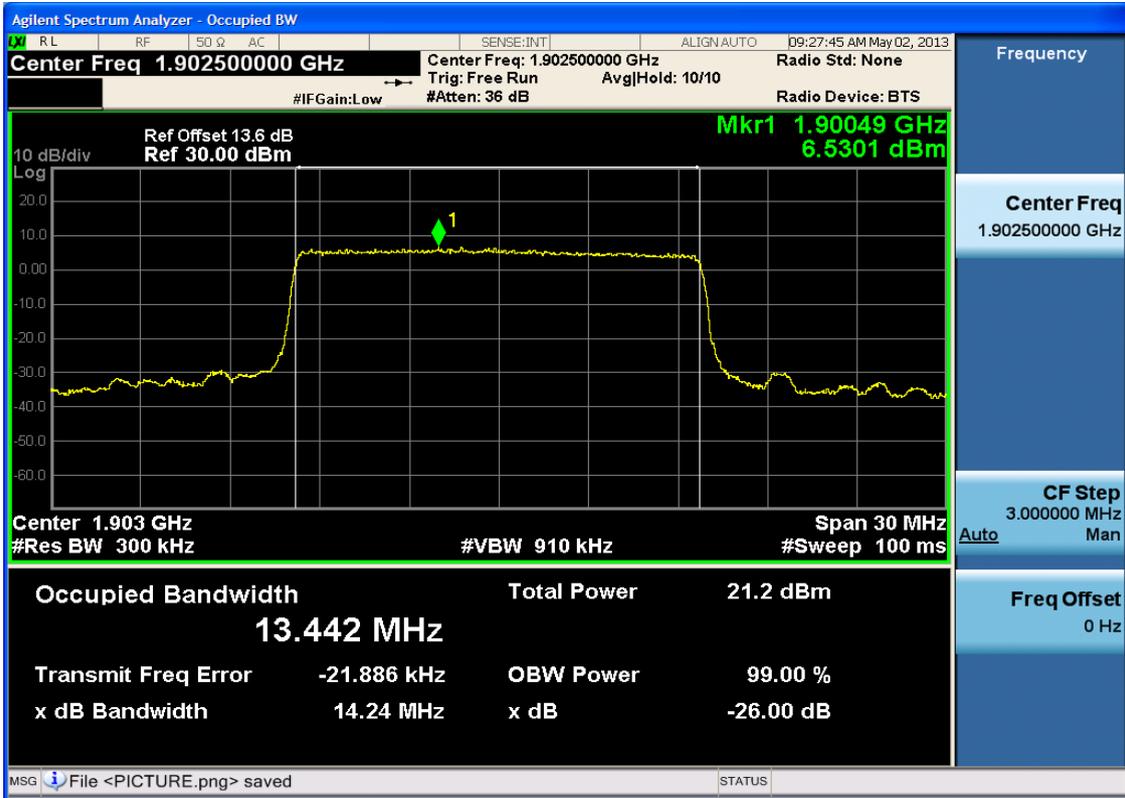**4.3.1.1.5.1 Test Channel = LCH**

**4.3.1.1.5.1.1 Test RB = RB75#0**

## 4.3.1.1.5.2 Test Channel = MCH

## 4.3.1.1.5.2.1 Test RB = RB75#0

Agilent Spectrum Analyzer - Occupied BW

R L    RF    50 Ω    AC    SENSE:INT    ALIGN AUTO    09:27:24 AM May 02, 2013
Center Freq 1.880000000 GHz    Center Freq: 1.880000000 GHz    Radio Std: None
#IFGain:Low    Trig: Free Run    Avg|Hold: 10/10
#Atten: 36 dB    Radio Device: BTS

Ref Offset 13.6 dB
Ref 30.00 dBm
10 dB/div
Log

Mkr1  1.87805 GHz
6.3960 dBm

Frequency

Center Freq
1.880000000 GHz

Center  1.88 GHz    Span 30 MHz
#Res BW  300 kHz    #VBW  910 kHz    #Sweep  100 ms

CF Step
3.000000 MHz
Auto    Man

| Occupied Bandwidth | Total Power | 21.5 dBm |
| --- | --- | --- |
| 13.471 MHz | | |
| Transmit Freq Error    -7.783 kHz | OBW Power | 99.00 % |
| x dB Bandwidth    14.30 MHz | x dB | -26.00 dB |

Freq Offset
0 Hz

MSG  i  File <PICTURE.png> saved    STATUS

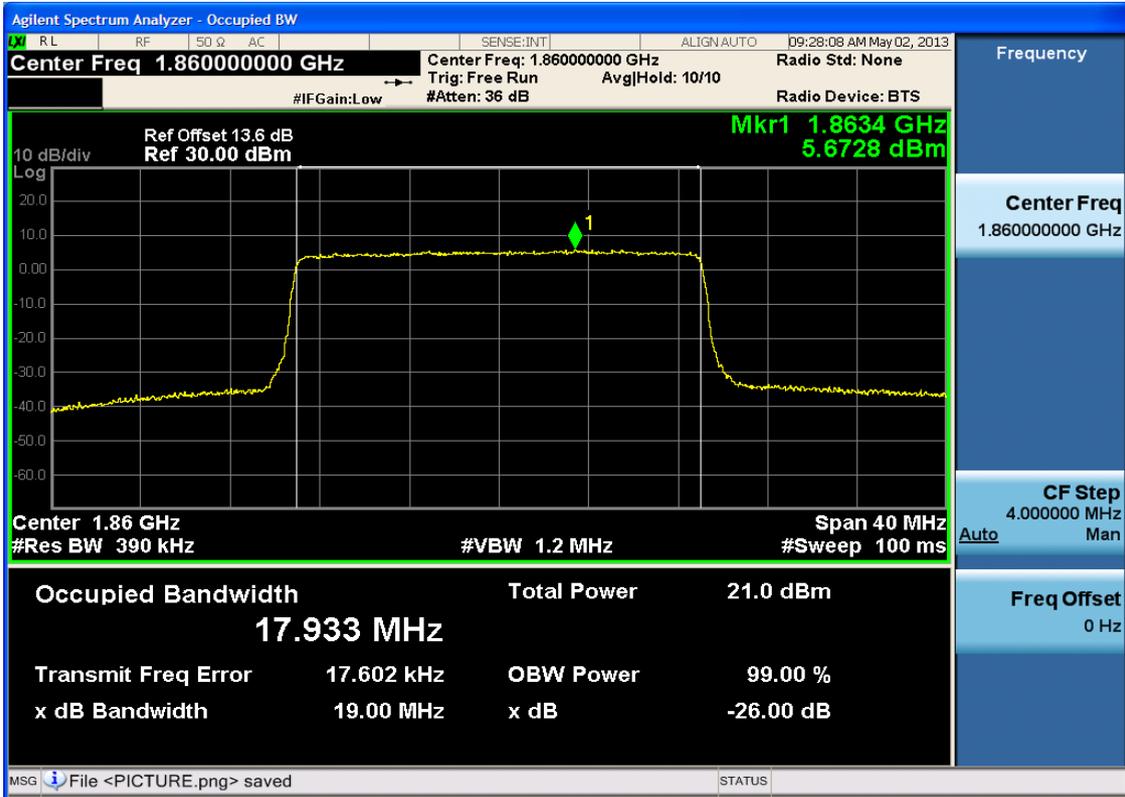### 4.3.1.1.5.3 Test Channel = HCH

### 4.3.1.1.5.3.1 Test RB = RB75#0
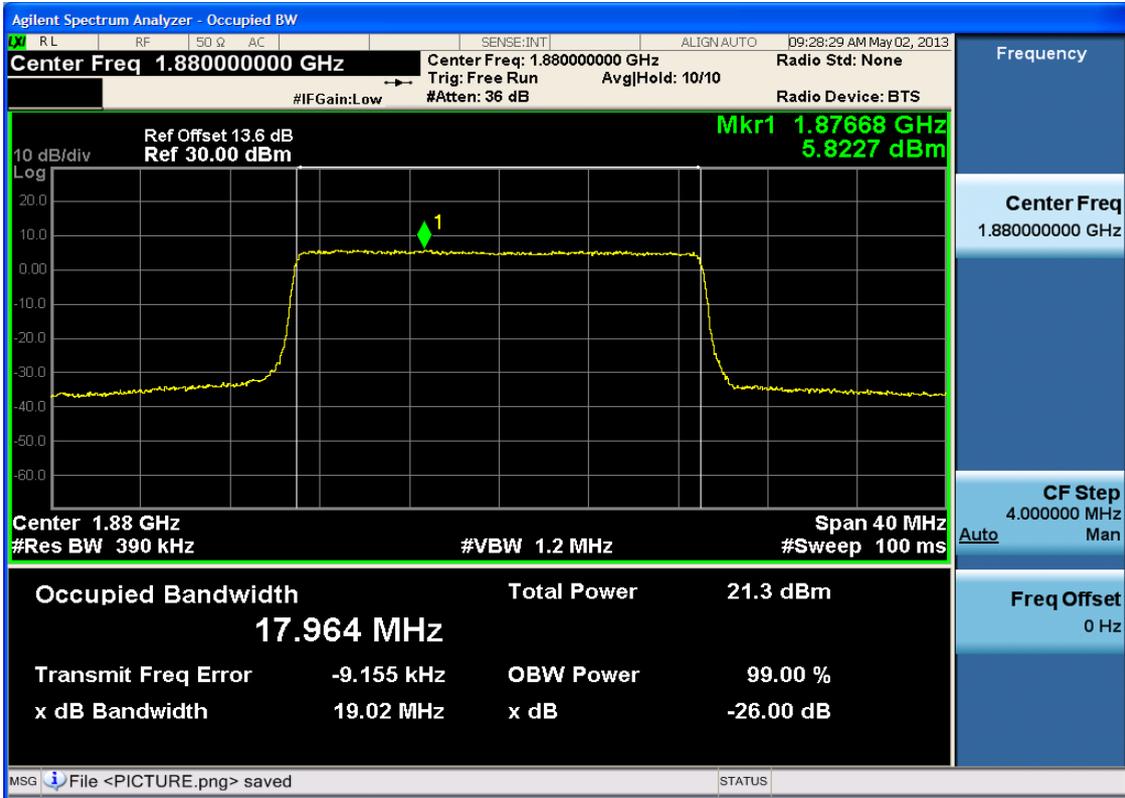
## 4.3.1.1.6 Test Bandwidth = 20

### 4.3.1.1.6.1 Test Channel = LCH
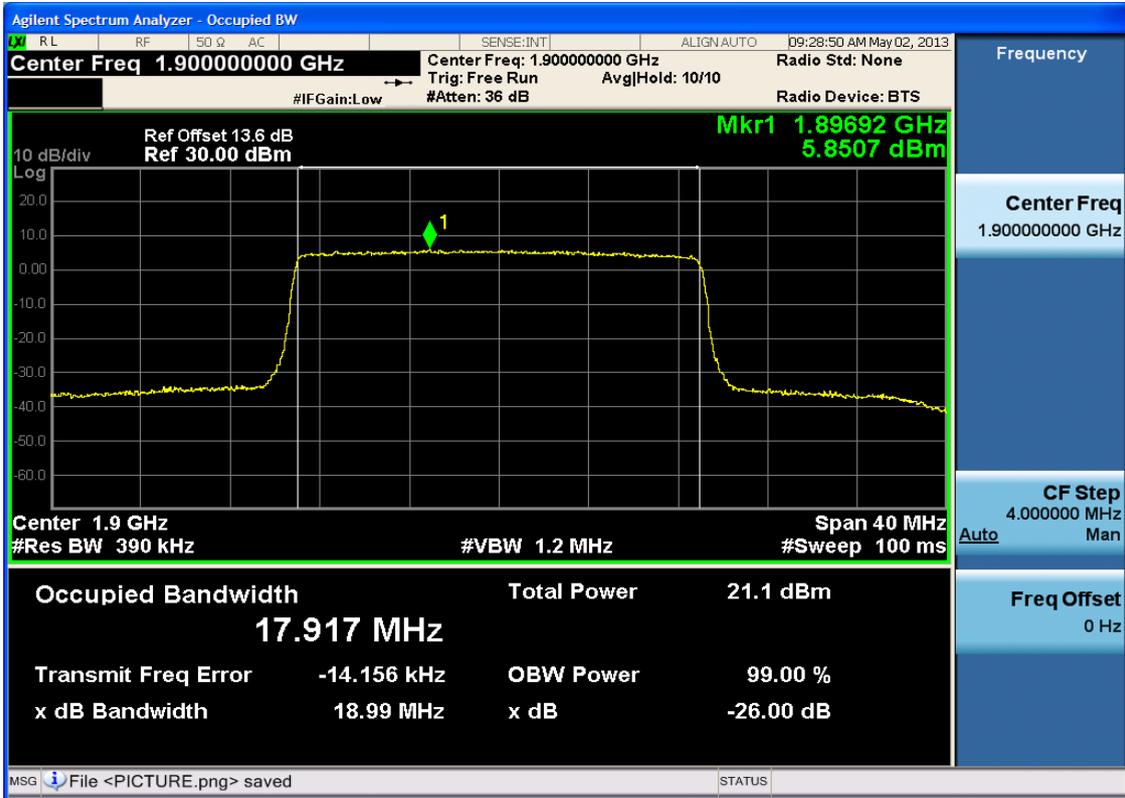
#### 4.3.1.1.6.1.1 Test RB = RB100#0

## 4.3.1.1.6.2 Test Channel = MCH

## 4.3.1.1.6.2.1 Test RB = RB100#0

## 4.3.1.1.6.3 Test Channel = HCH
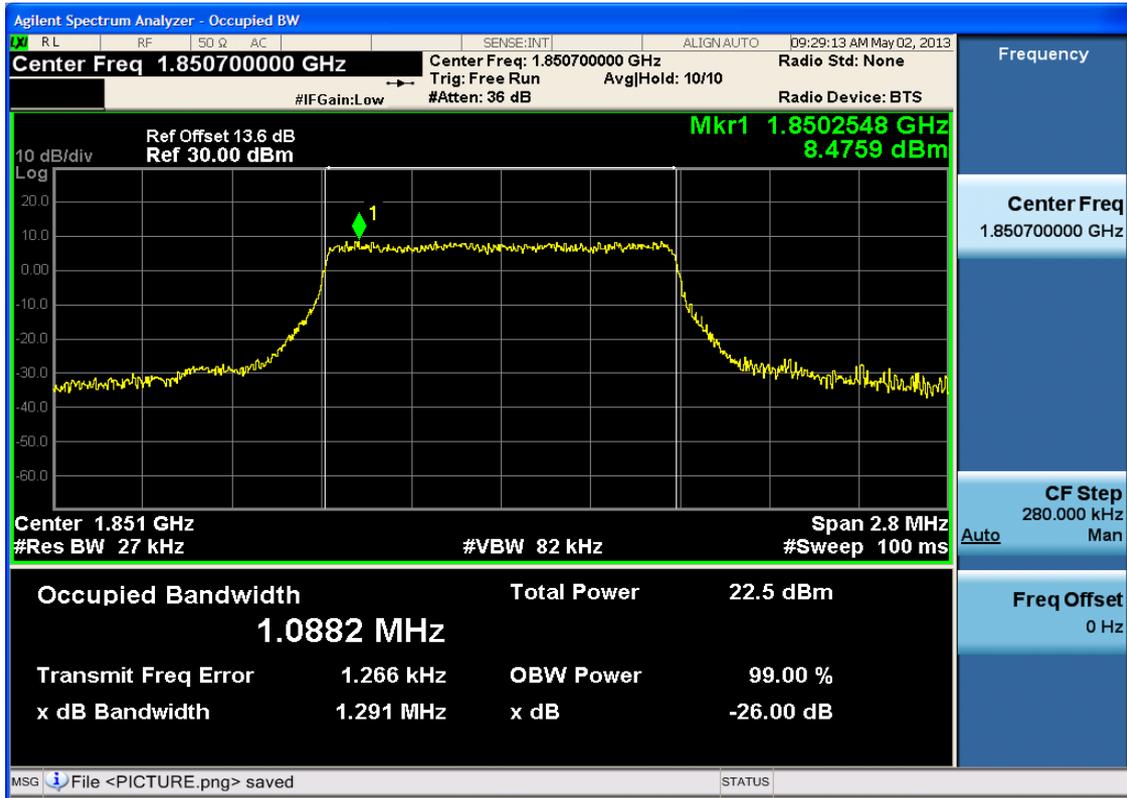
## 4.3.1.1.6.3.1 Test RB = RB100#0

**4.3.1.2 Test Mode = LTE/TM2**
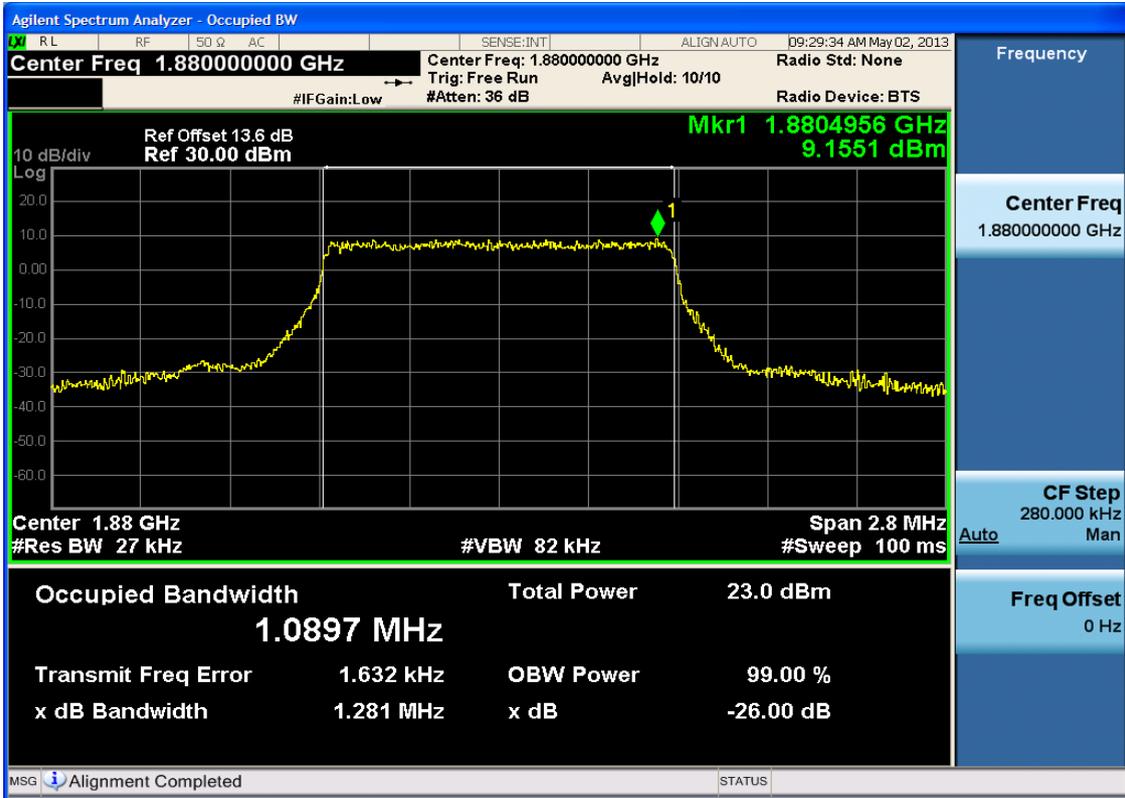
**4.3.1.2.1 Test Bandwidth = 1.4**

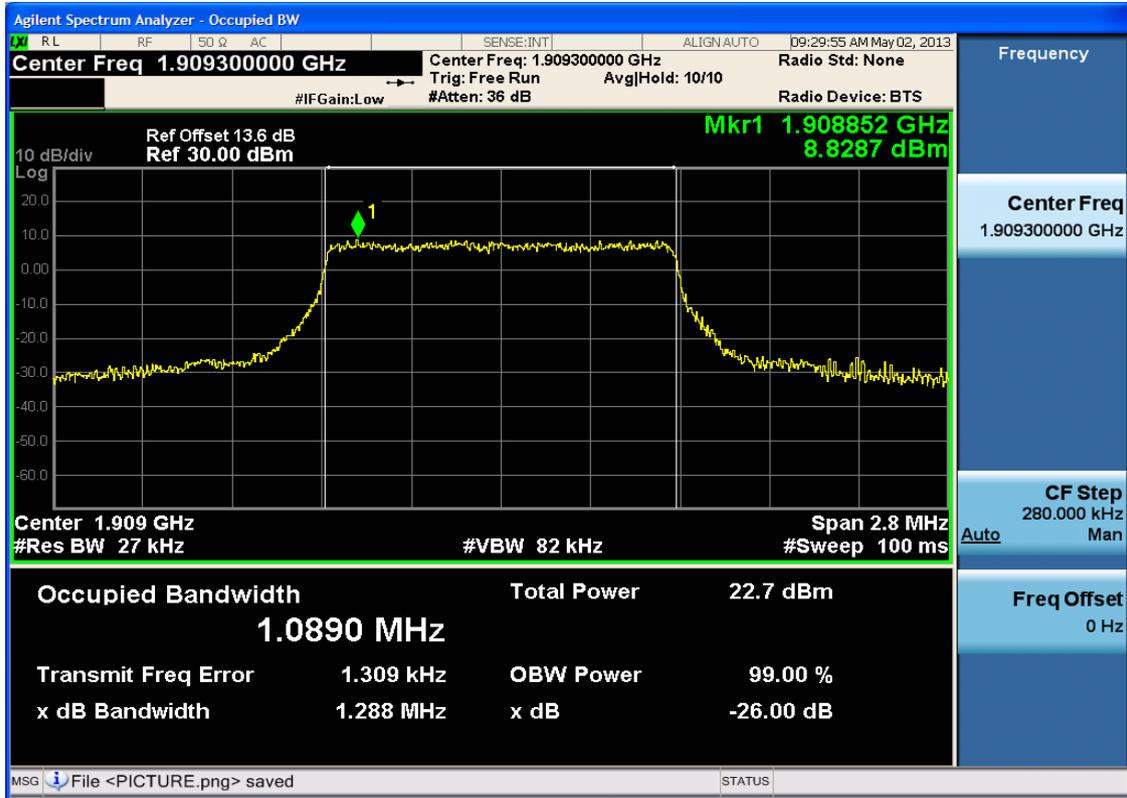**4.3.1.2.1.1 Test Channel = LCH**

**4.3.1.2.1.1.1 Test RB = RB6#0**

## 4.3.1.2.1.2 Test Channel = MCH

### 4.3.1.2.1.2.1 Test RB = RB6#0

## 4.3.1.2.1.3 Test Channel = HCH

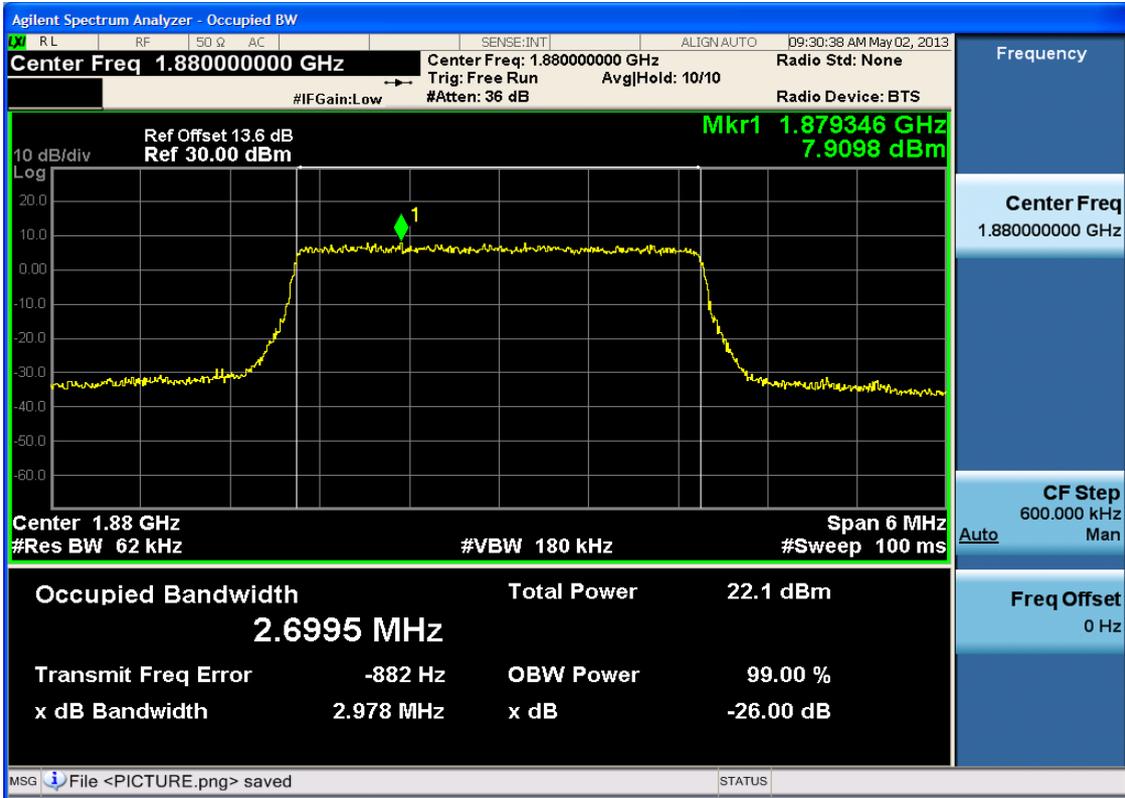### 4.3.1.2.1.3.1 Test RB = RB6#0

## 4.3.1.2.2 Test Bandwidth = 3

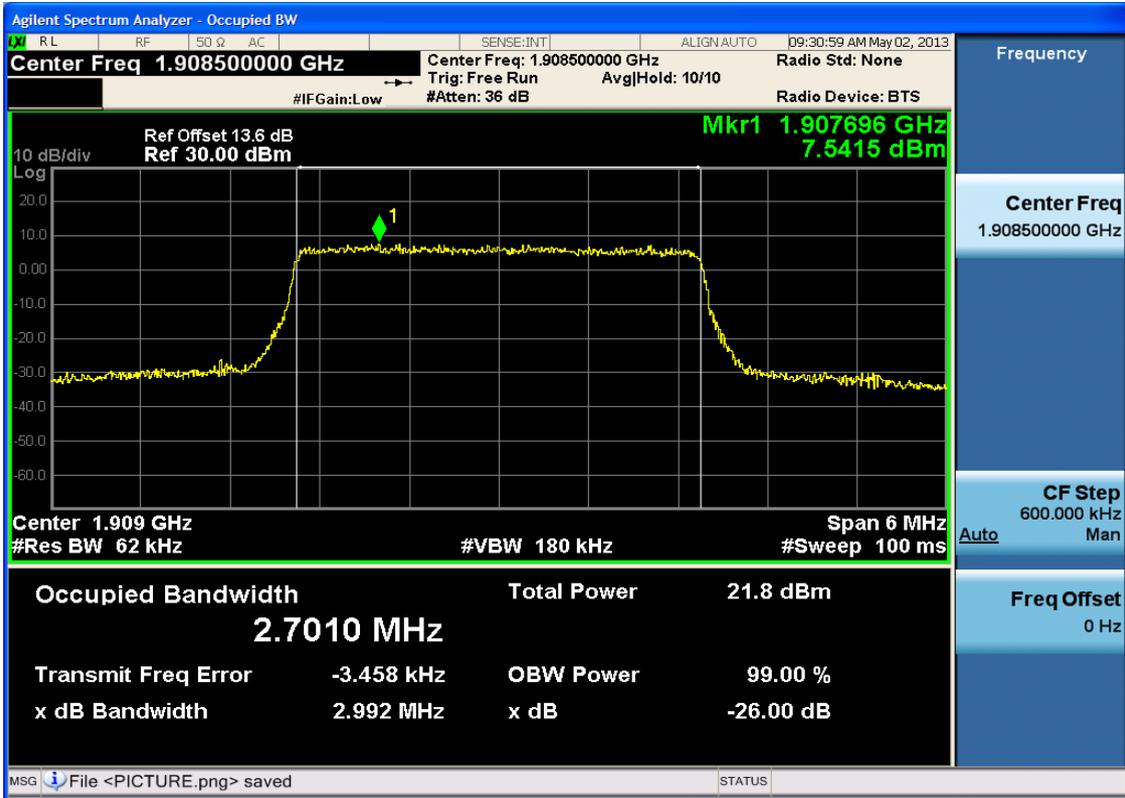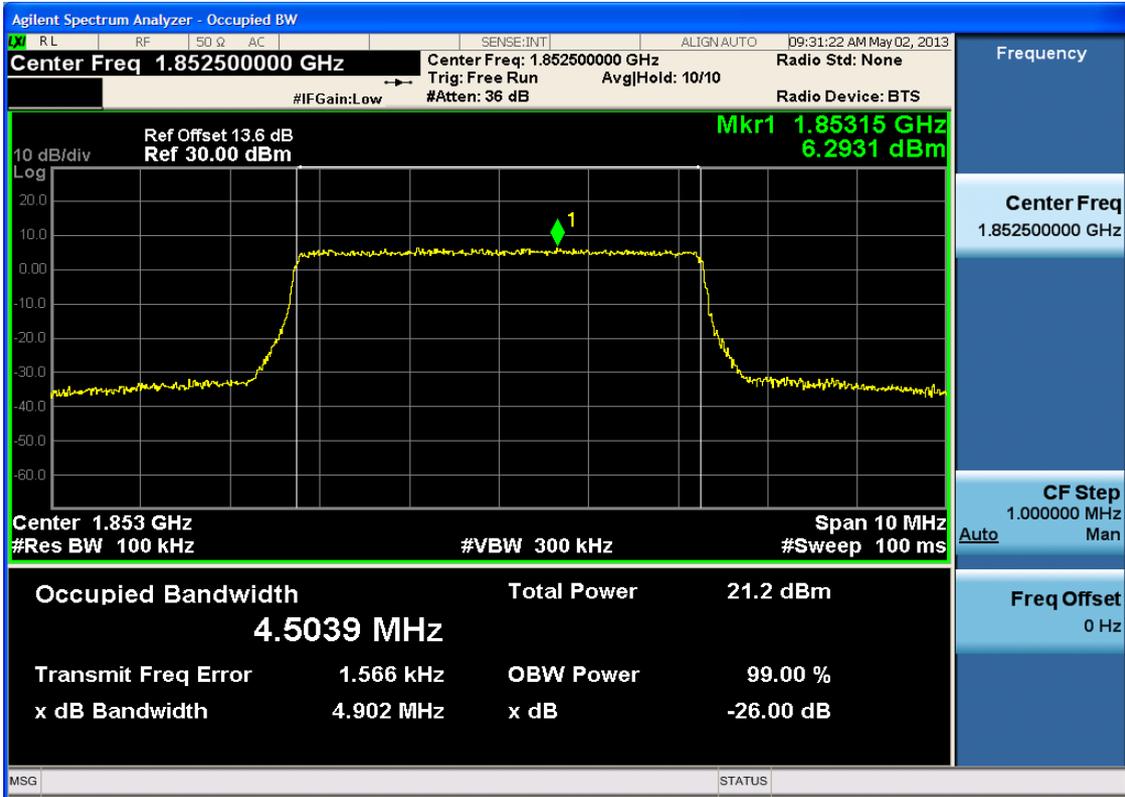## 4.3.1.2.2.1 Test Channel = LCH

## 4.3.1.2.2.1.1 Test RB = RB15#0
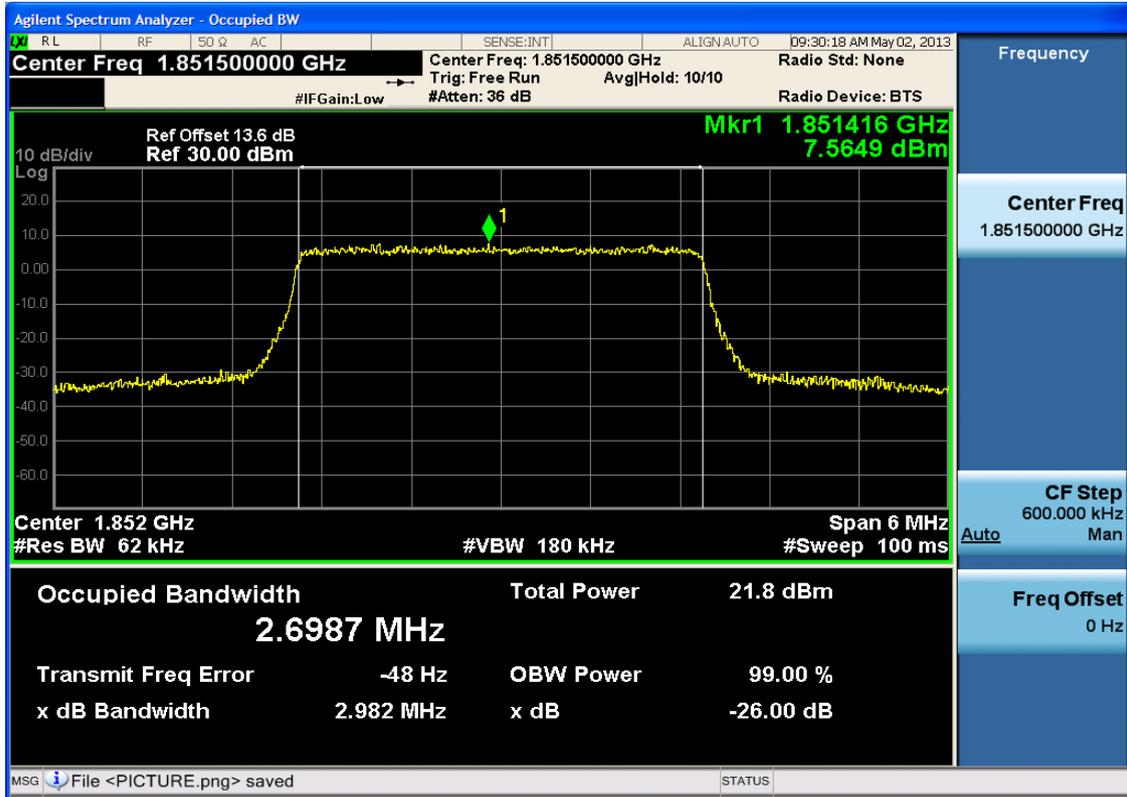
## 4.3.1.2.2.2 Test Channel = MCH

## 4.3.1.2.2.2.1 Test RB = RB15#0

### 4.3.1.2.2.3 Test Channel = HCH

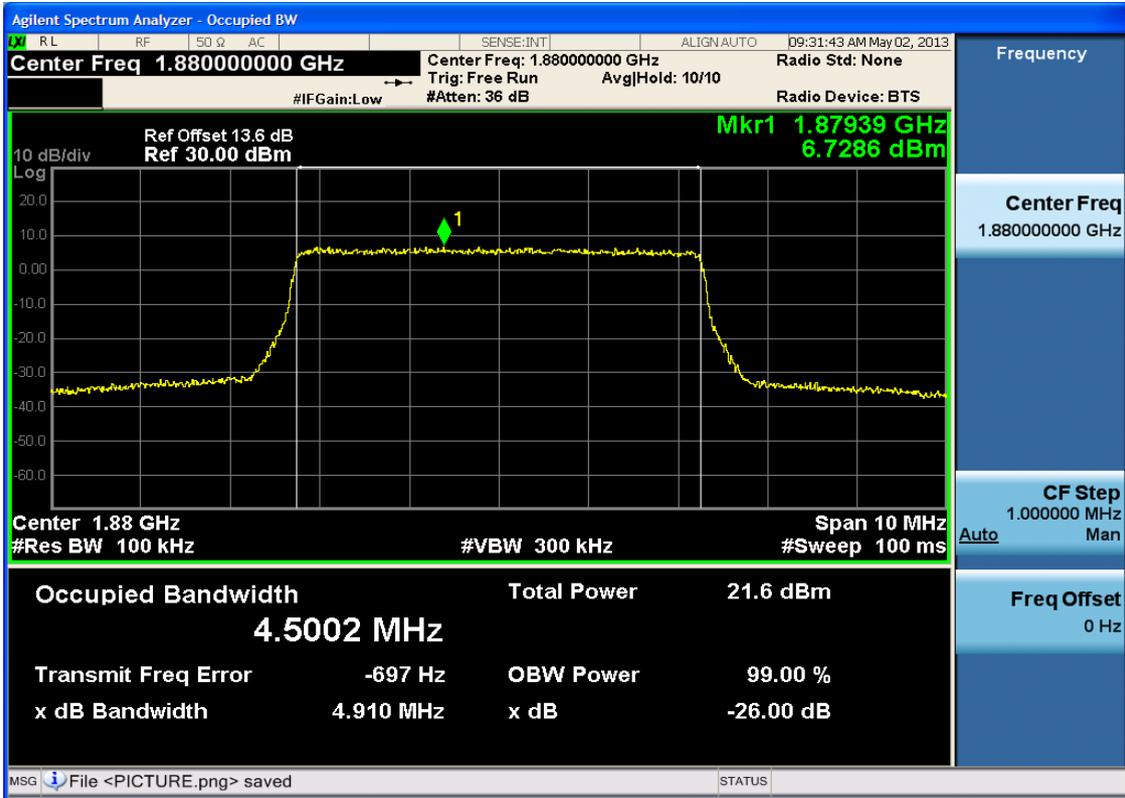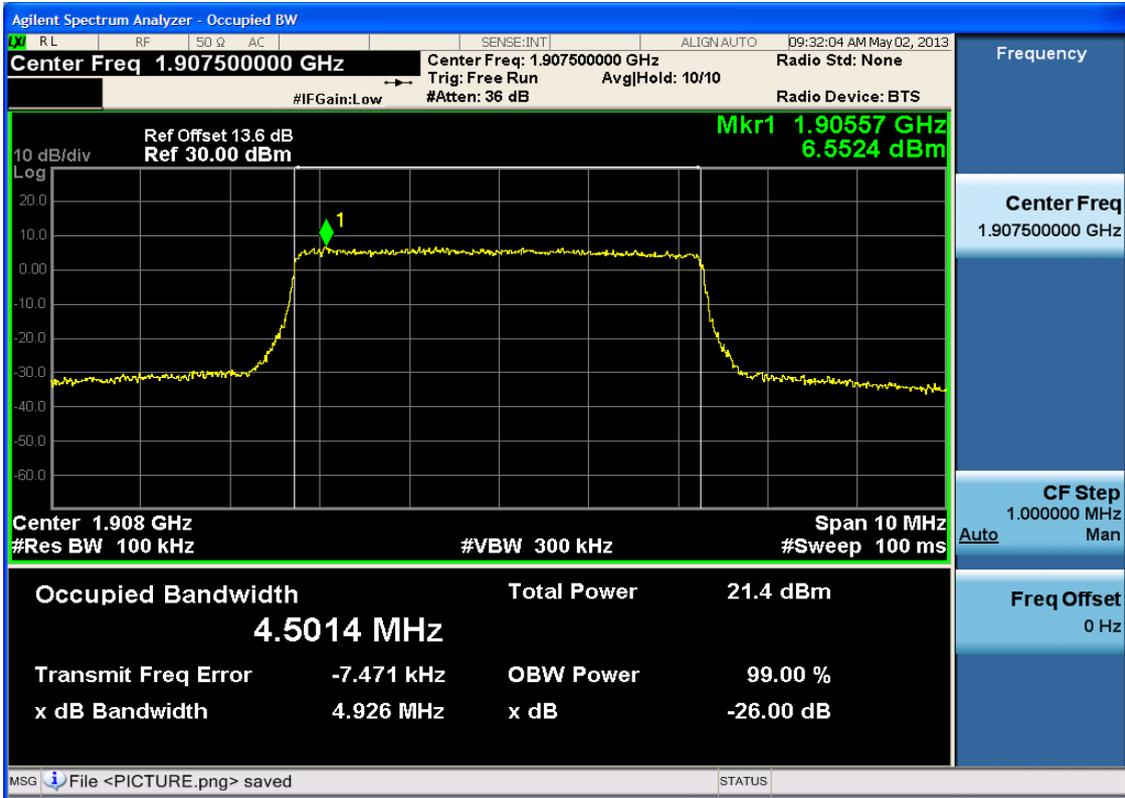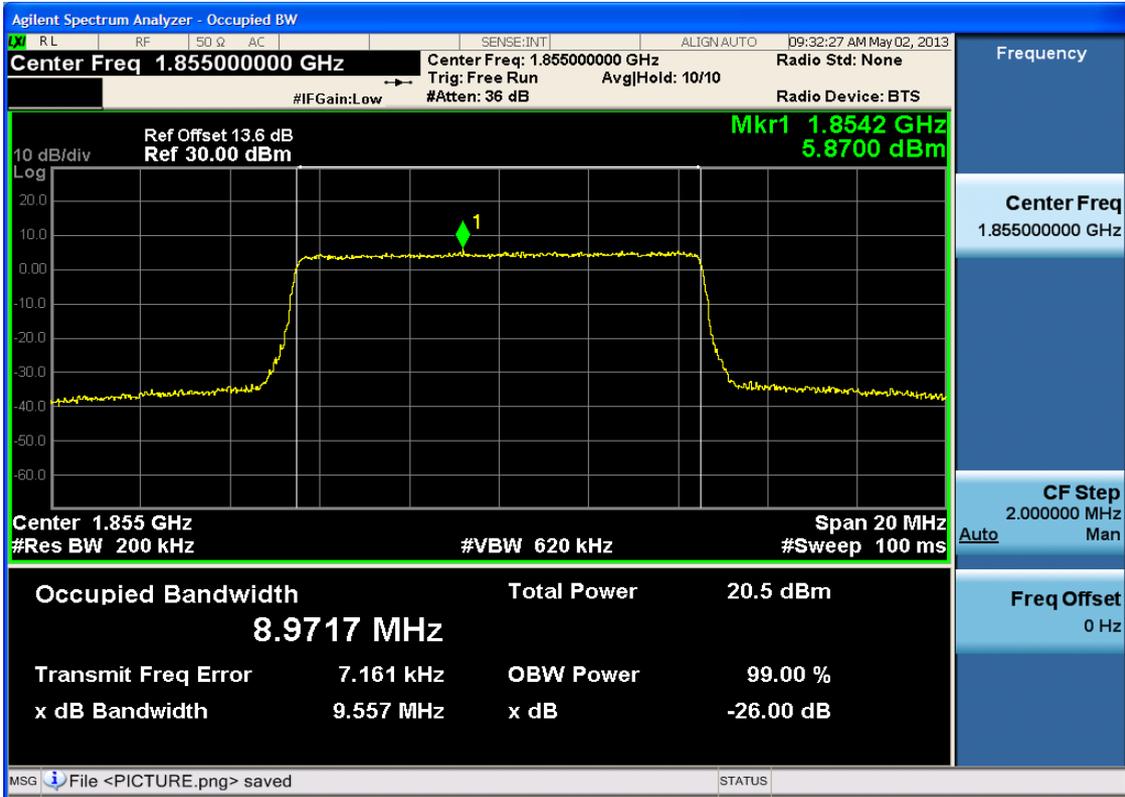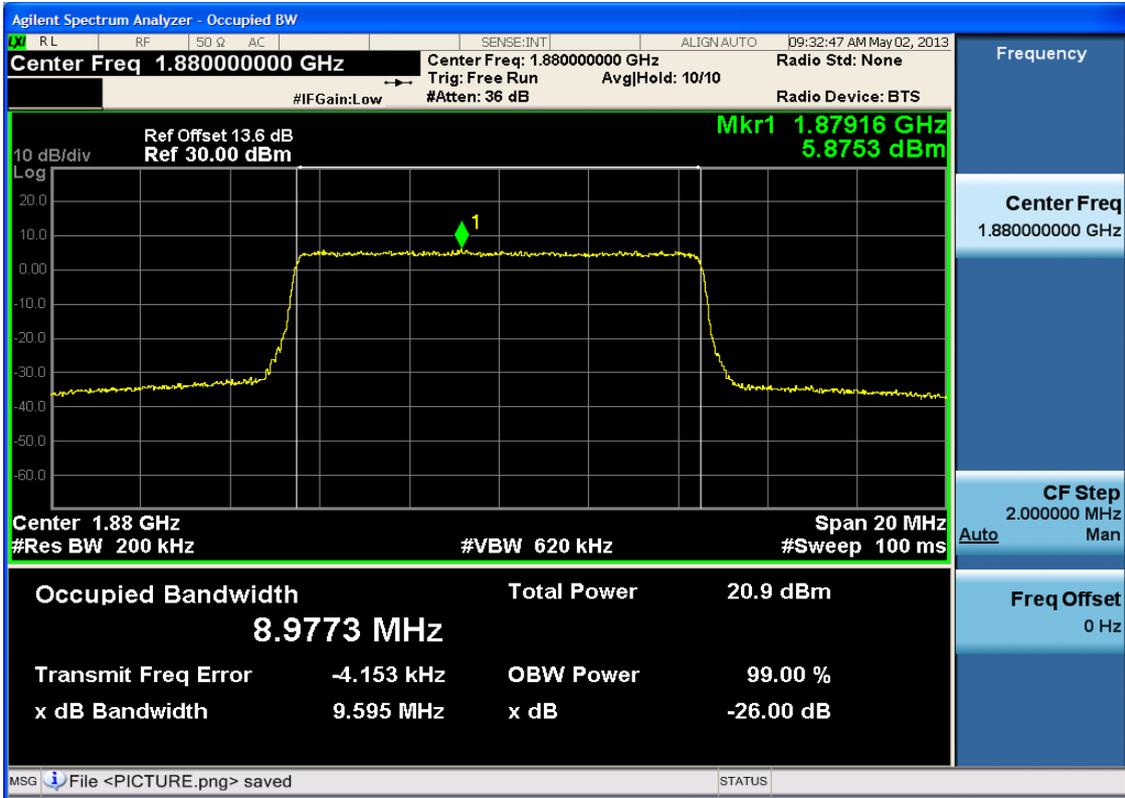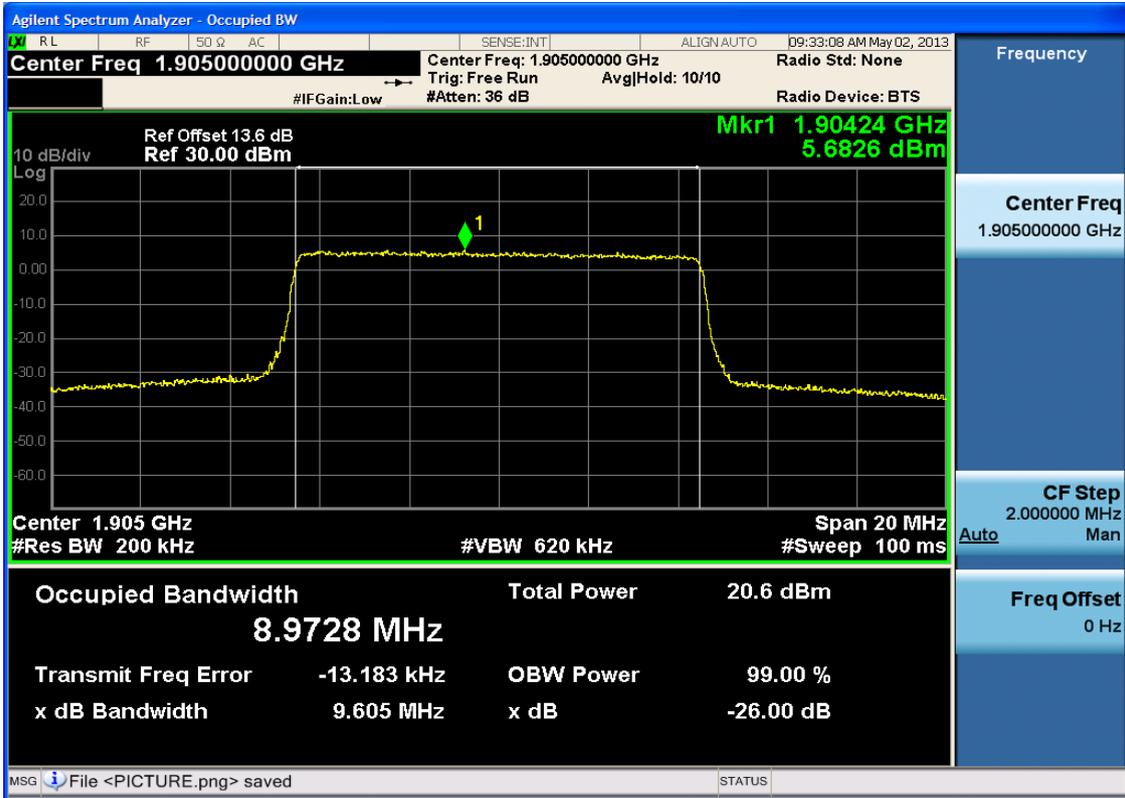### 4.3.1.2.2.3.1 Test RB = RB15#0

**4.3.1.2.3 Test Bandwidth = 5**

**4.3.1.2.3.1 Test Channel = LCH**

**4.3.1.2.3.1.1 Test RB = RB25#0**

## 4.3.1.2.3.2 Test Channel = MCH

### 4.3.1.2.3.2.1 Test RB = RB25#0
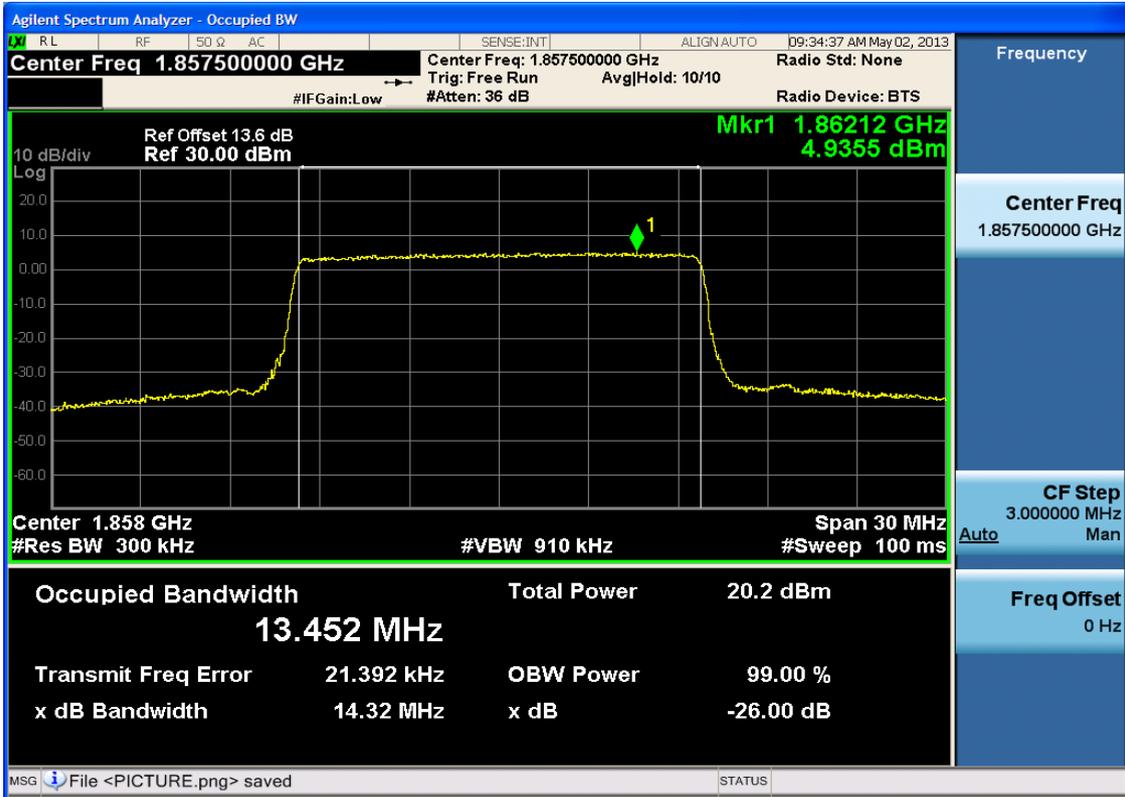
## 4.3.1.2.3.3 Test Channel = HCH

### 4.3.1.2.3.3.1 Test RB = RB25#0
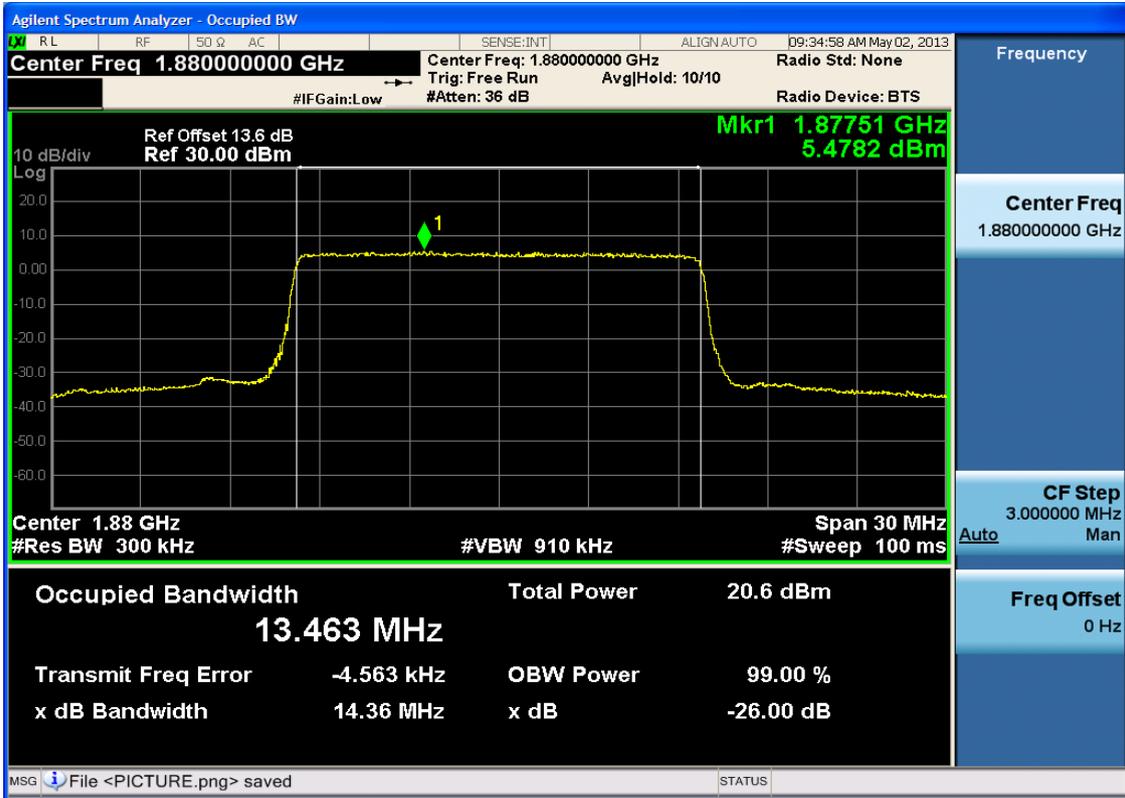
## 4.3.1.2.4 Test Bandwidth = 10

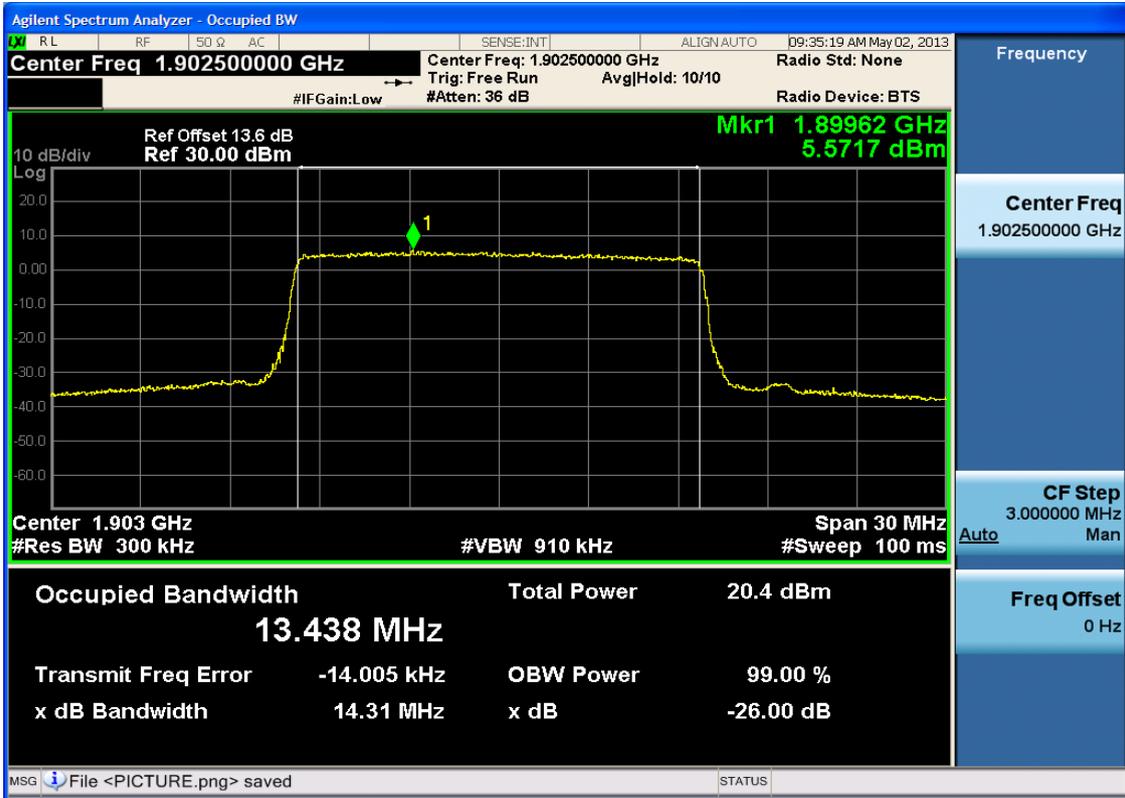### 4.3.1.2.4.1 Test Channel = LCH

#### 4.3.1.2.4.1.1 Test RB = RB50#0

## 4.3.1.2.4.2 Test Channel = MCH

## 4.3.1.2.4.2.1 Test RB = RB50#0
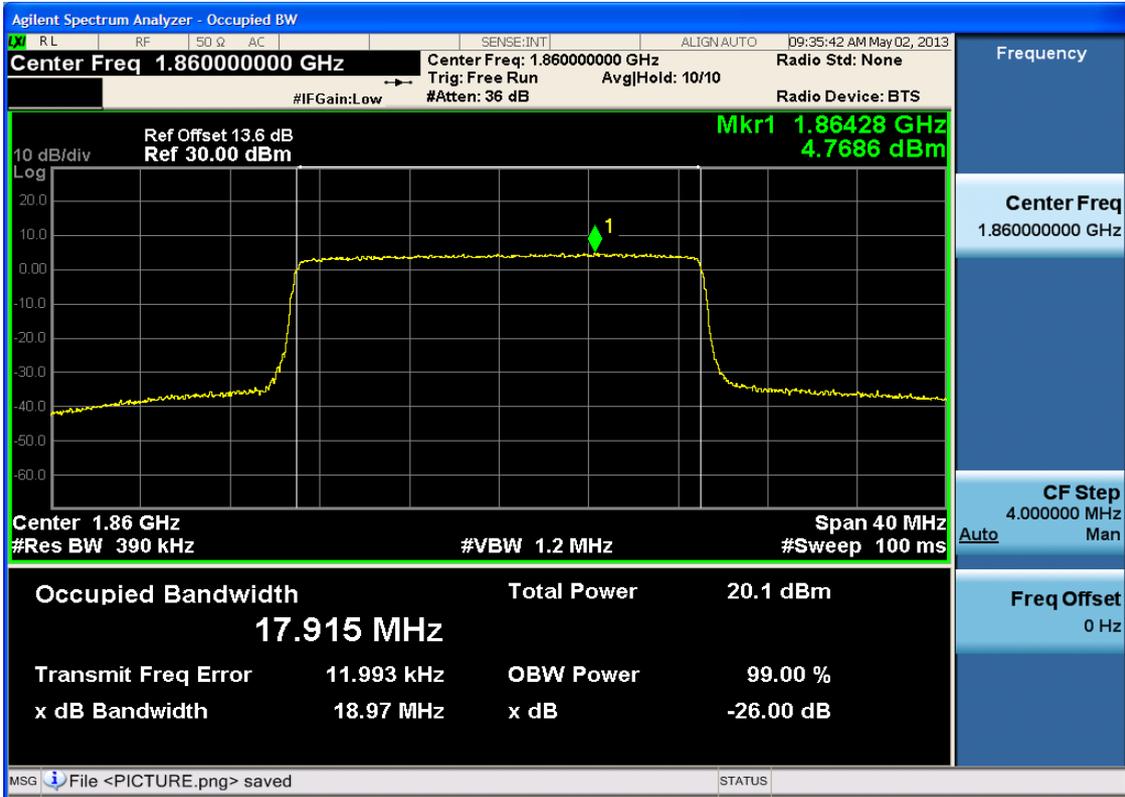
## 4.3.1.2.4.3 Test Channel = HCH

### 4.3.1.2.4.3.1 Test RB = RB50#0

**4.3.1.2.5 Test Bandwidth = 15**

**4.3.1.2.5.1 Test Channel = LCH**

**4.3.1.2.5.1.1 Test RB = RB75#0**

## 4.3.1.2.5.2 Test Channel = MCH

## 4.3.1.2.5.2.1 Test RB = RB75#0

## 4.3.1.2.5.3 Test Channel = HCH

### 4.3.1.2.5.3.1 Test RB = RB75#0

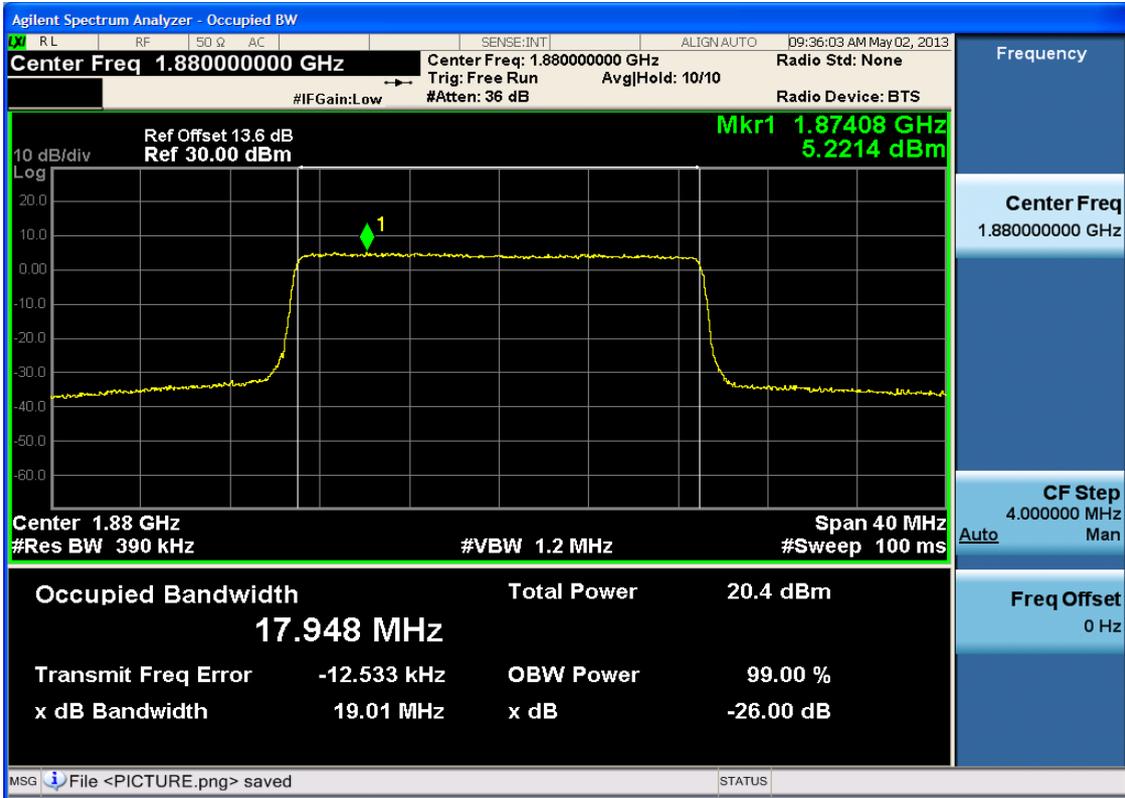## 4.3.1.2.6 Test Bandwidth = 20

## 4.3.1.2.6.1 Test Channel = LCH

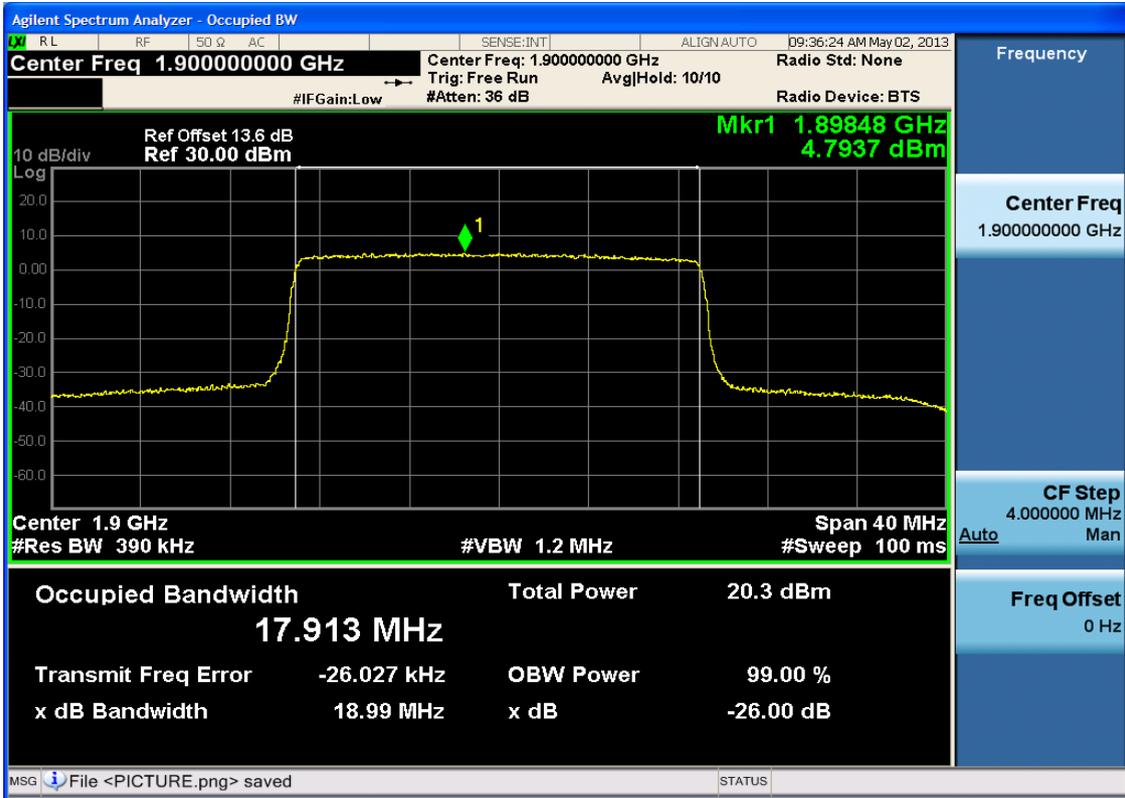## 4.3.1.2.6.1.1 Test RB = RB100#0

## 4.3.1.2.6.2 Test Channel = MCH

### 4.3.1.2.6.2.1 Test RB = RB100#0

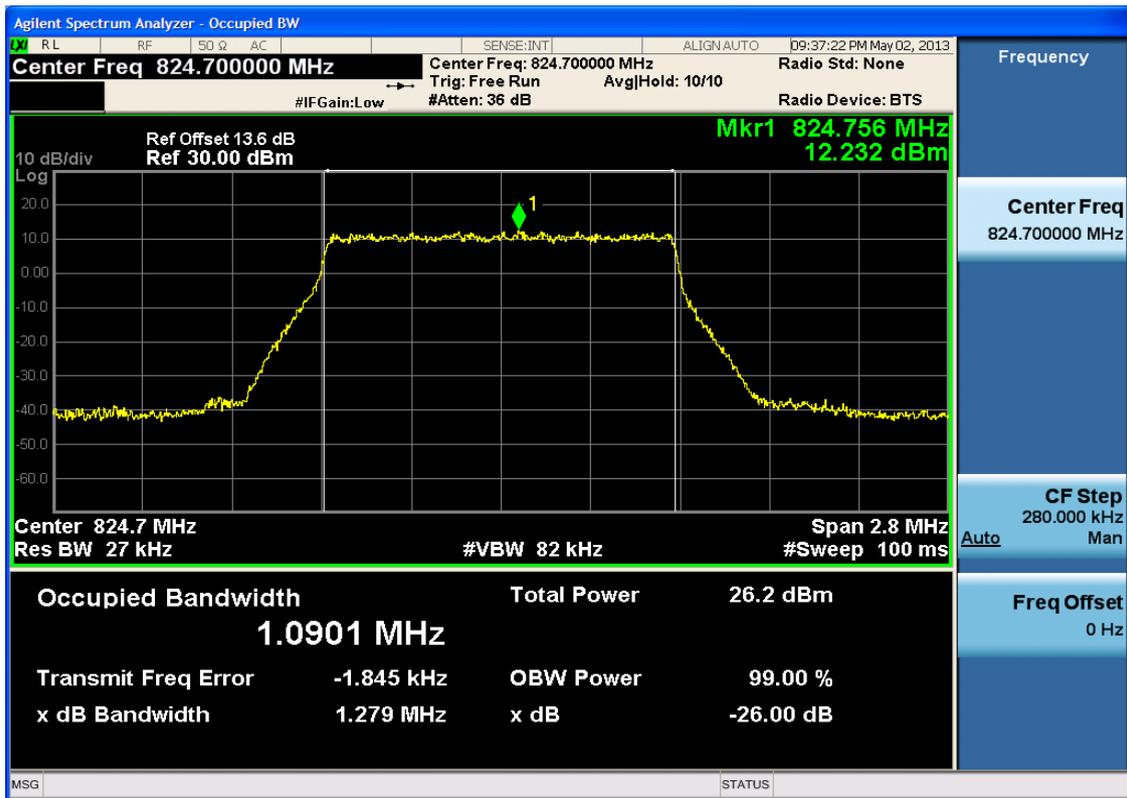## 4.3.1.2.6.3 Test Channel = HCH

## 4.3.1.2.6.3.1 Test RB = RB100#0

**4.3.2 Test Band = BAND5**

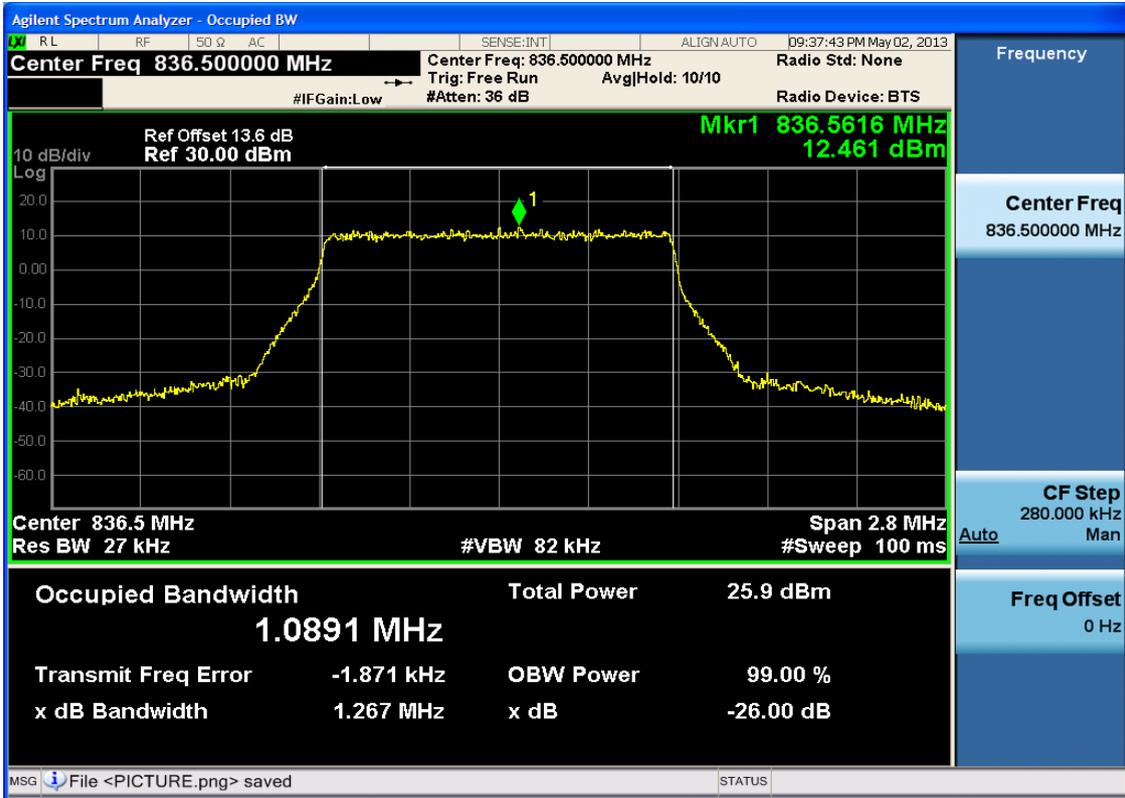**4.3.2.1 Test Mode = LTE/TM1**

**4.3.2.1.1 Test Bandwidth = 1.4**

**4.3.2.1.1.1 Test Channel = LCH**
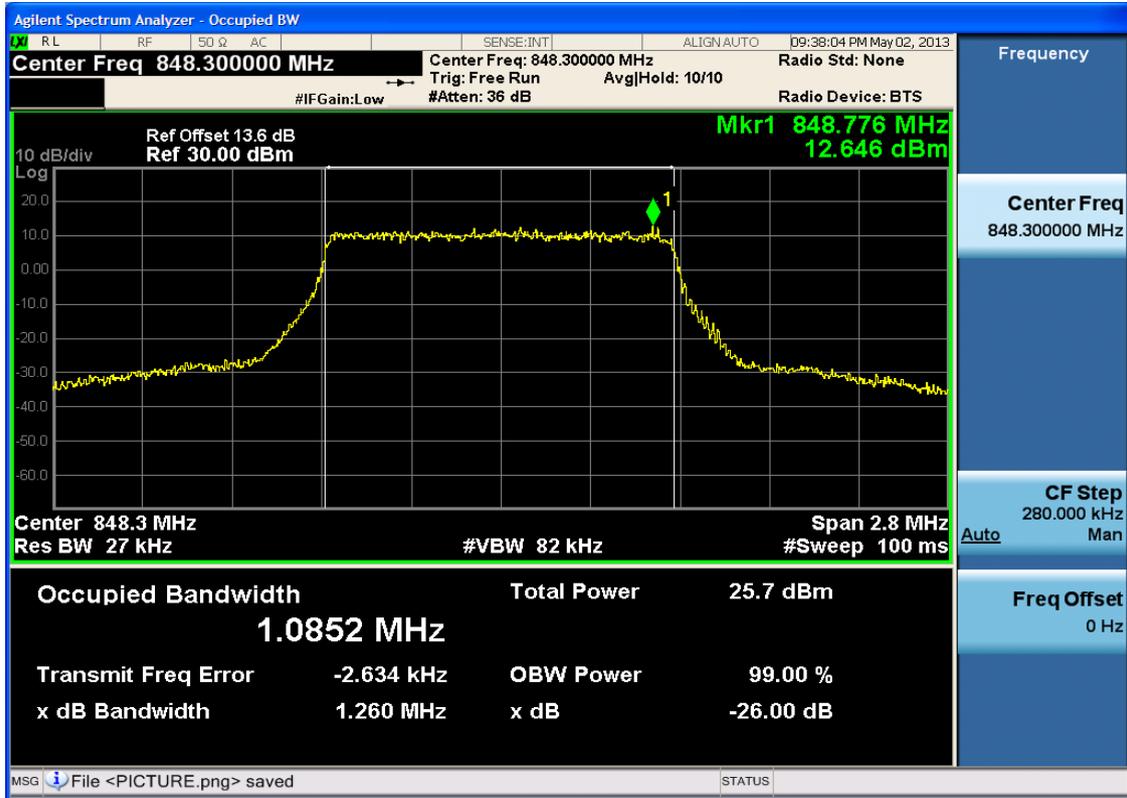
**4.3.2.1.1.1.1 Test RB = RB6#0**

## 4.3.2.1.1.2 Test Channel = MCH

### 4.3.2.1.1.2.1 Test RB = RB6#0

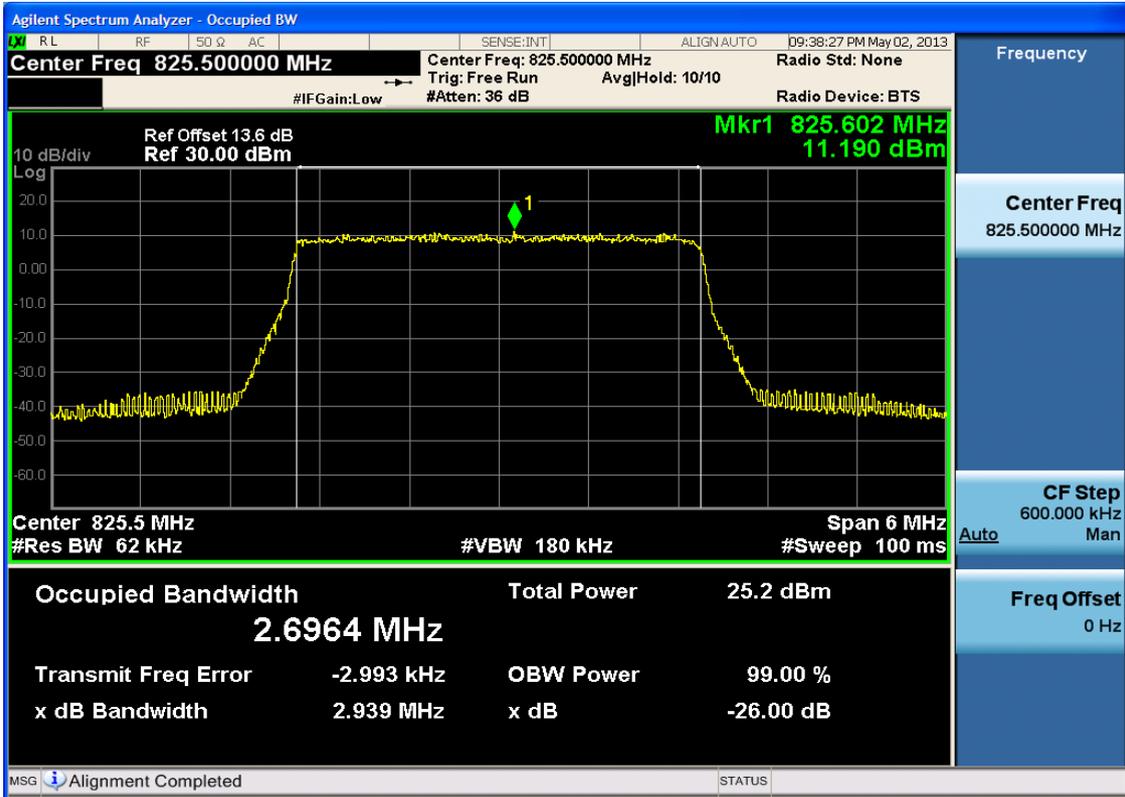### 4.3.2.1.1.3 Test Channel = HCH

### 4.3.2.1.1.3.1 Test RB = RB6#0

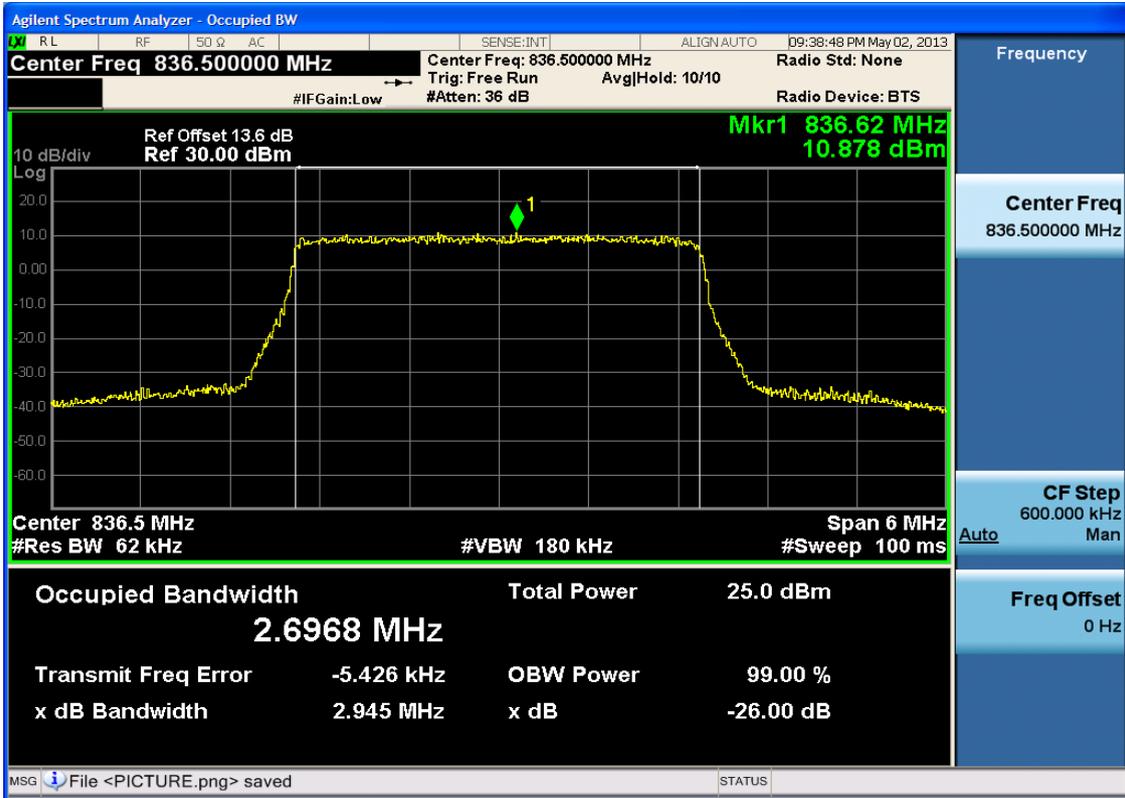## 4.3.2.1.2 Test Bandwidth = 3

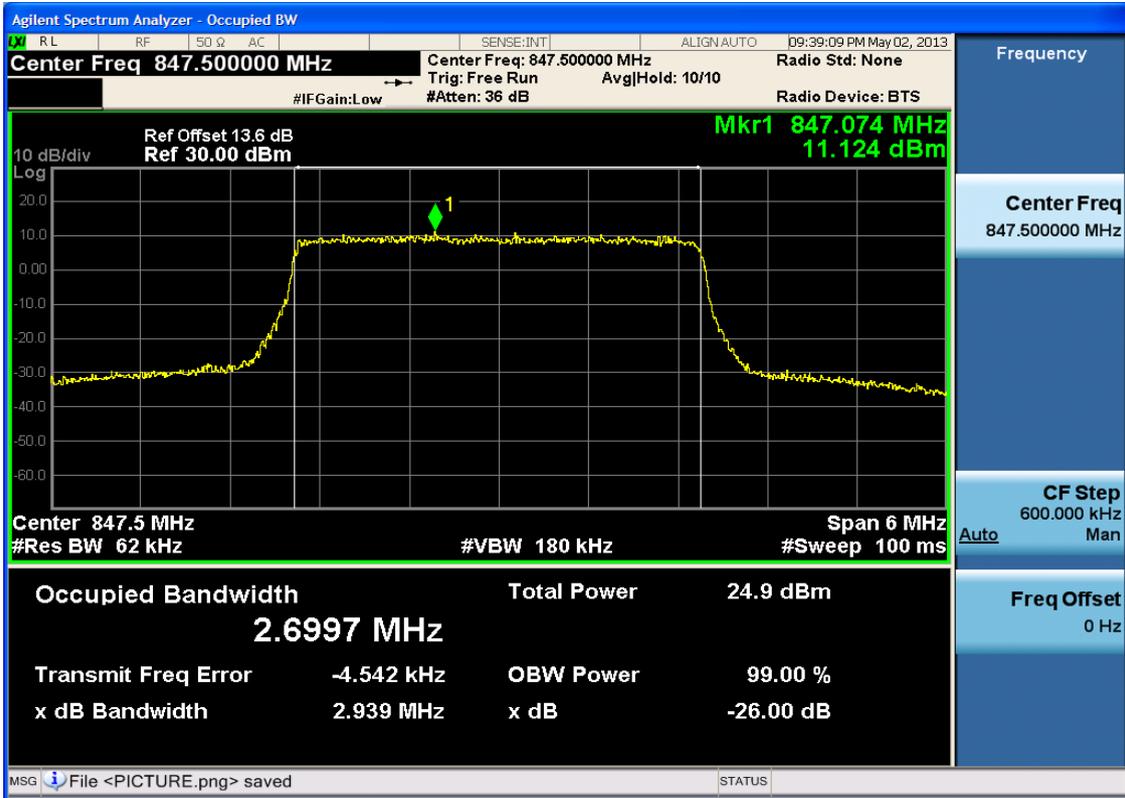## 4.3.2.1.2.1 Test Channel = LCH

## 4.3.2.1.2.1.1 Test RB = RB15#0

## 4.3.2.1.2.2 Test Channel = MCH

### 4.3.2.1.2.2.1 Test RB = RB15#0
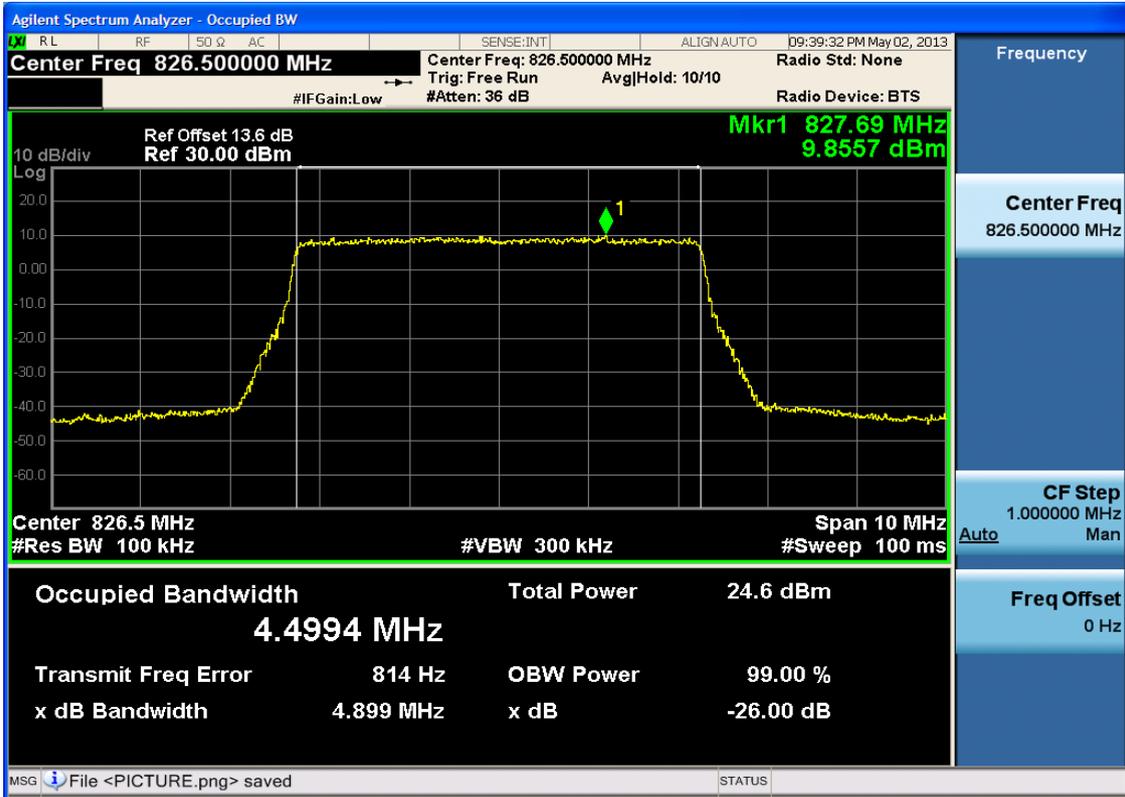
### 4.3.2.1.2.3 Test Channel = HCH

### 4.3.2.1.2.3.1 Test RB = RB15#0
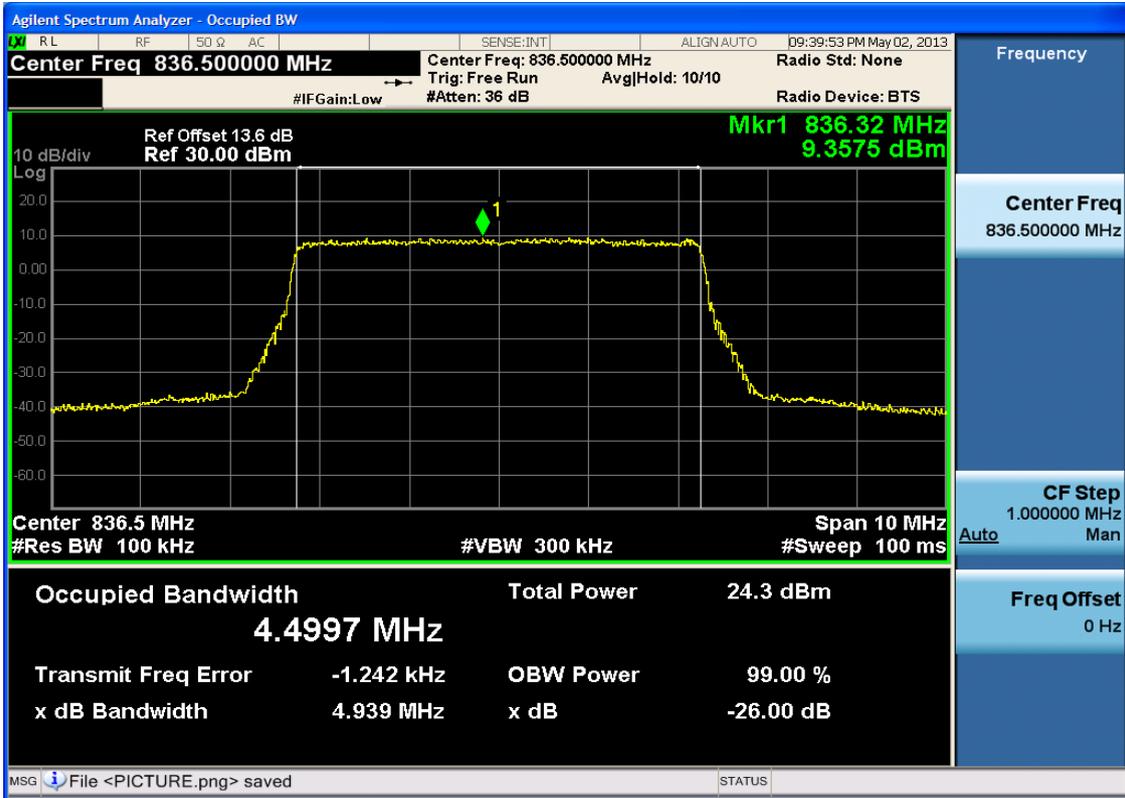
**4.3.2.1.3 Test Bandwidth = 5**

**4.3.2.1.3.1 Test Channel = LCH**
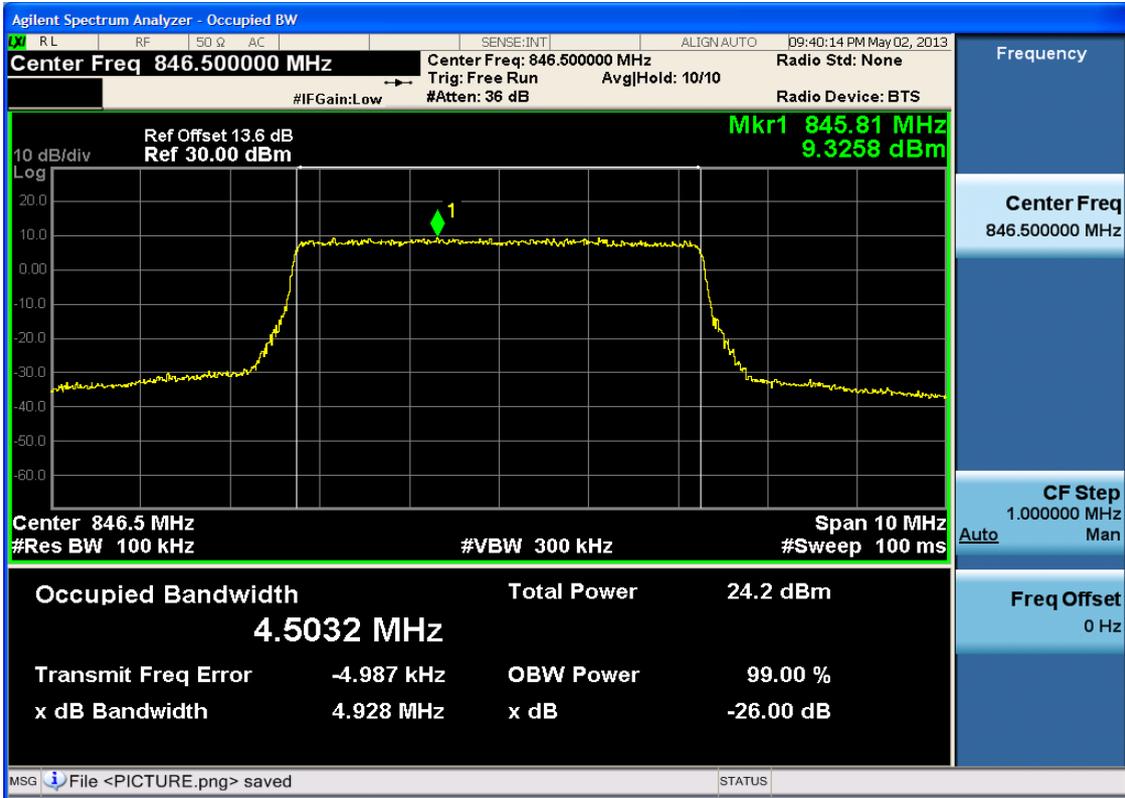
**4.3.2.1.3.1.1 Test RB = RB25#0**

## 4.3.2.1.3.2 Test Channel = MCH

### 4.3.2.1.3.2.1 Test RB = RB25#0
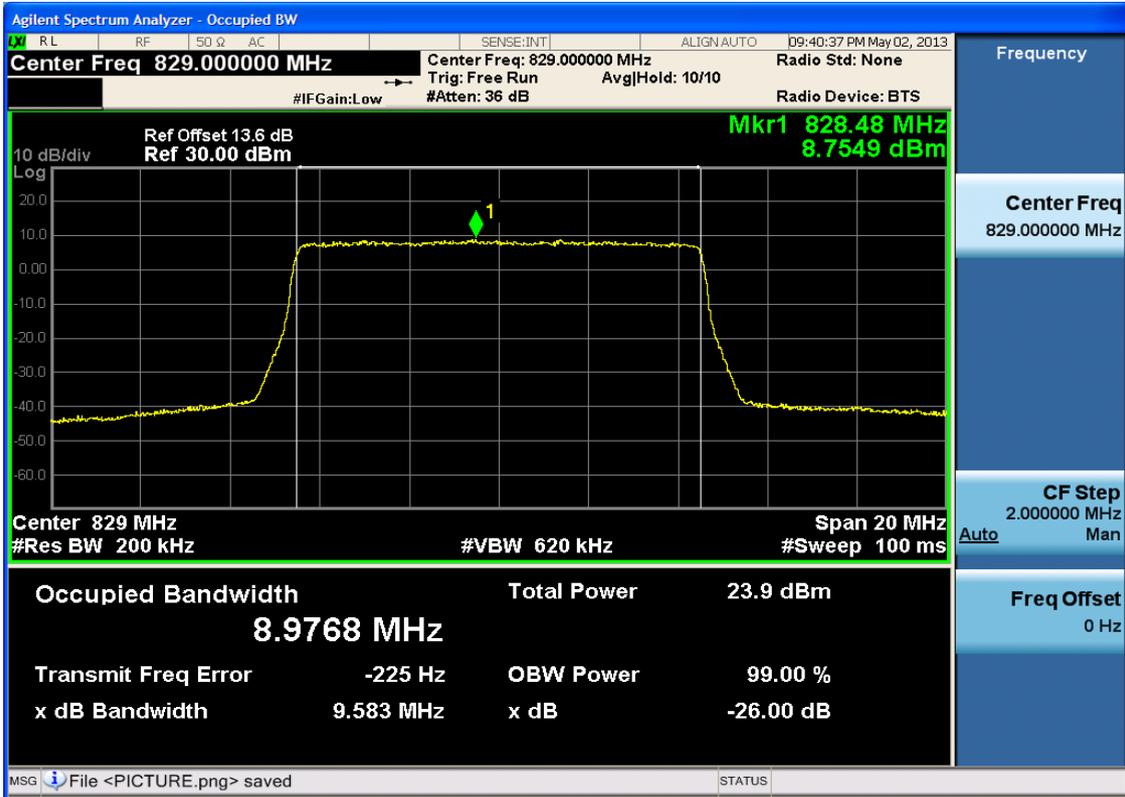
### 4.3.2.1.3.3 Test Channel = HCH

### 4.3.2.1.3.3.1 Test RB = RB25#0
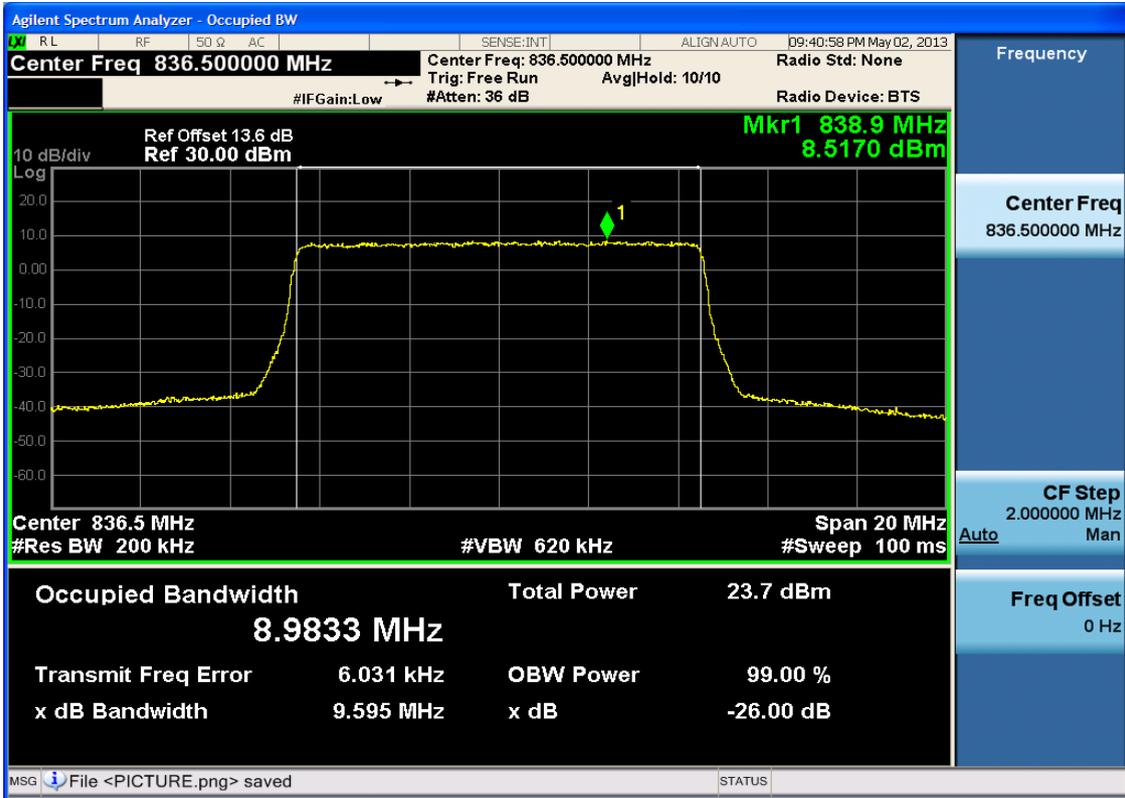
**4.3.2.1.4 Test Bandwidth = 10**

**4.3.2.1.4.1 Test Channel = LCH**
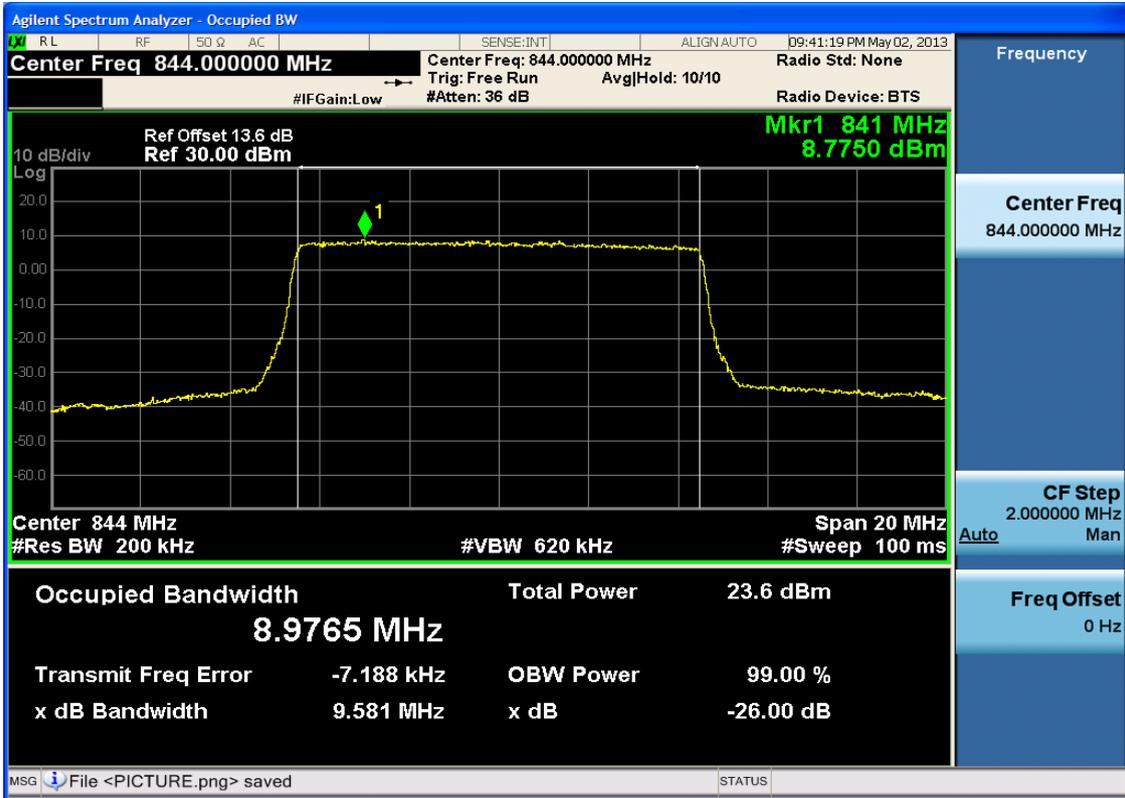
**4.3.2.1.4.1.1 Test RB = RB50#0**

## 4.3.2.1.4.2 Test Channel = MCH

## 4.3.2.1.4.2.1 Test RB = RB50#0

## 4.3.2.1.4.3 Test Channel = HCH
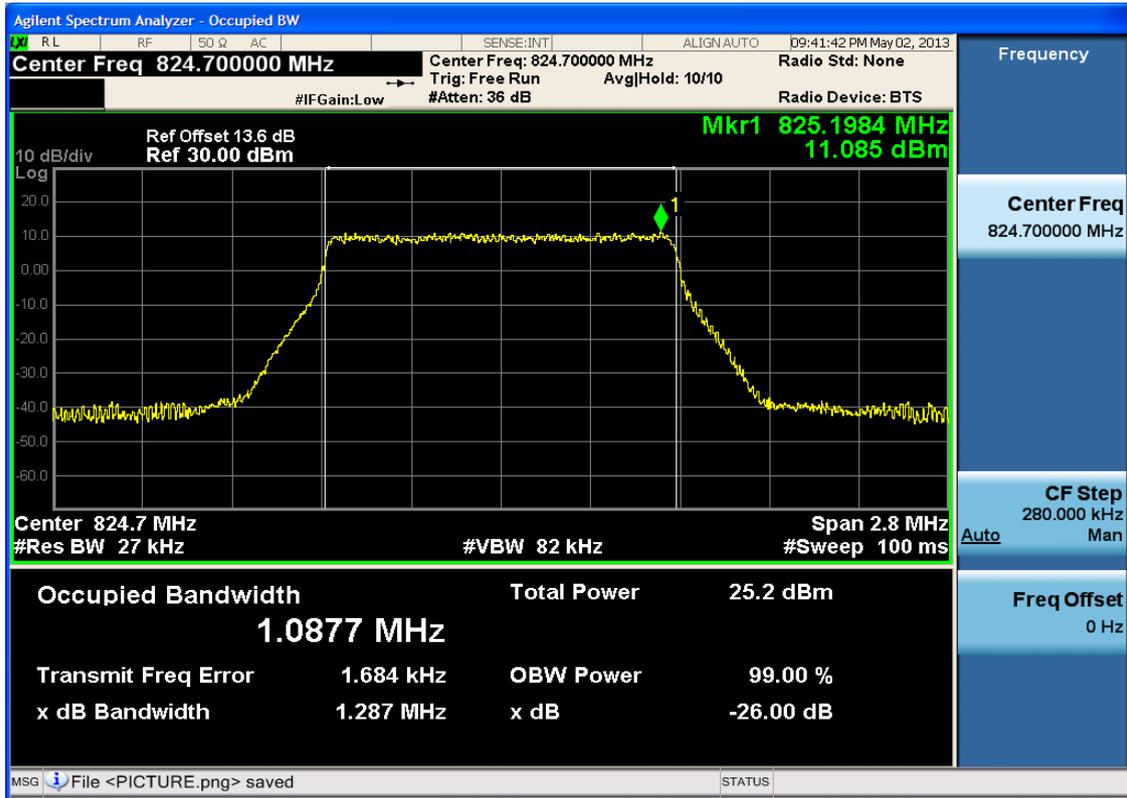
## 4.3.2.1.4.3.1 Test RB = RB50#0

**4.3.2.2 Test Mode = LTE/TM2**
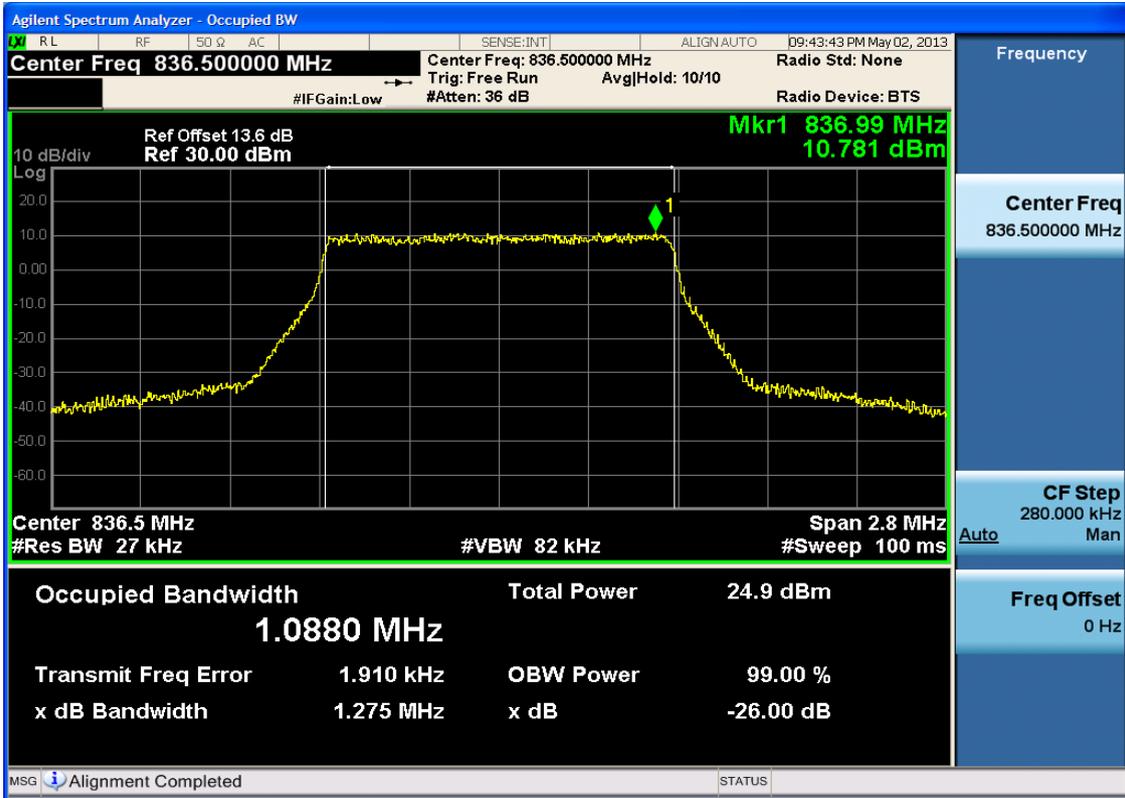
**4.3.2.2.1 Test Bandwidth = 1.4**

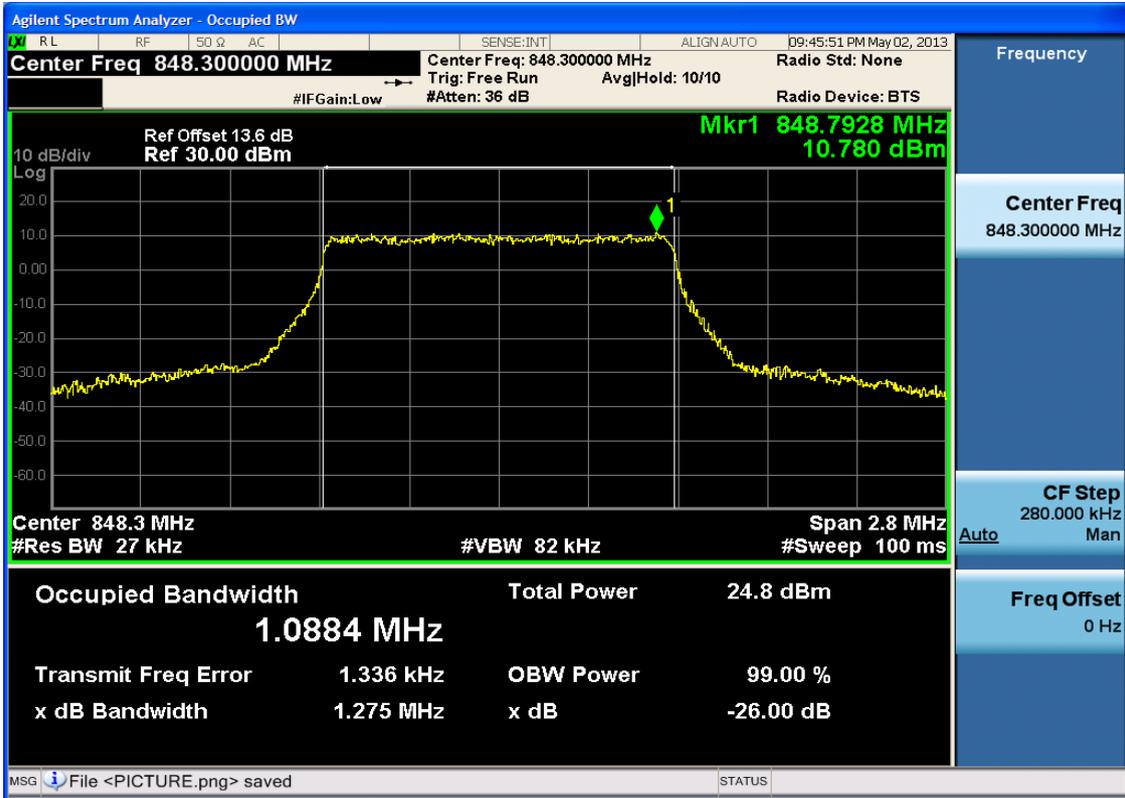**4.3.2.2.1.1 Test Channel = LCH**

**4.3.2.2.1.1.1 Test RB = RB6#0**

## 4.3.2.2.1.2 Test Channel = MCH

### 4.3.2.2.1.2.1 Test RB = RB6#0
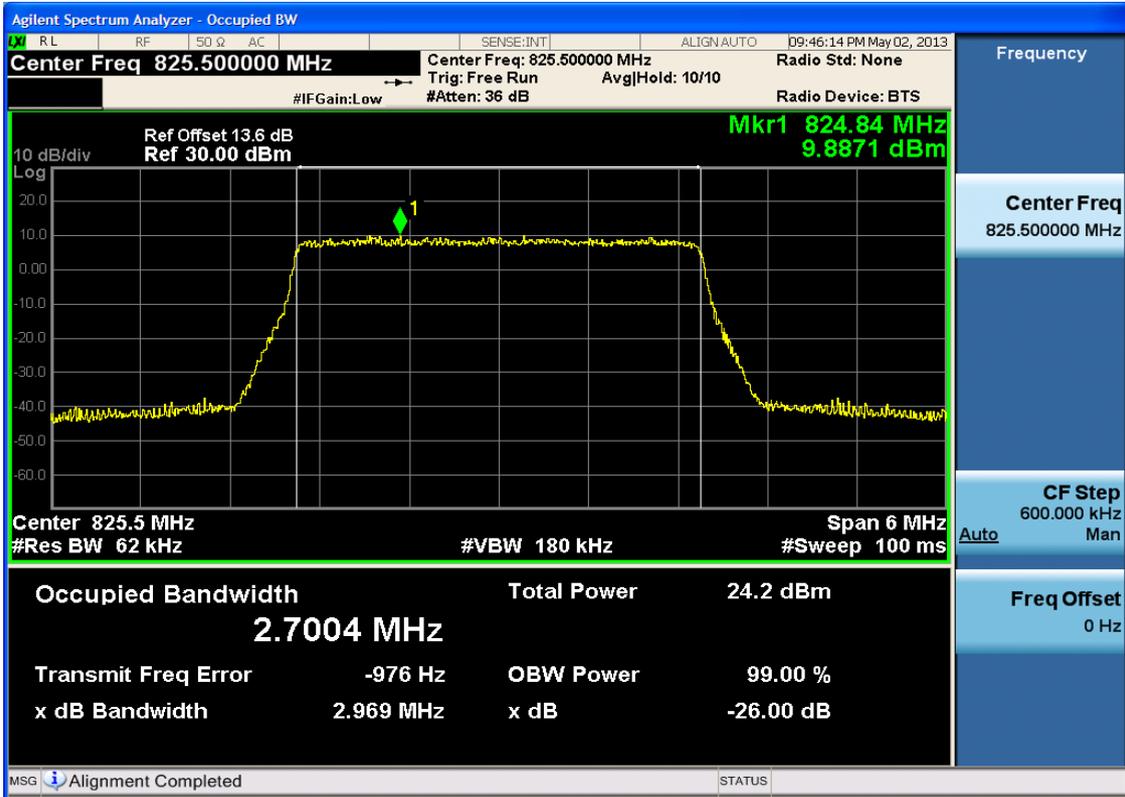
### 4.3.2.2.1.3 Test Channel = HCH

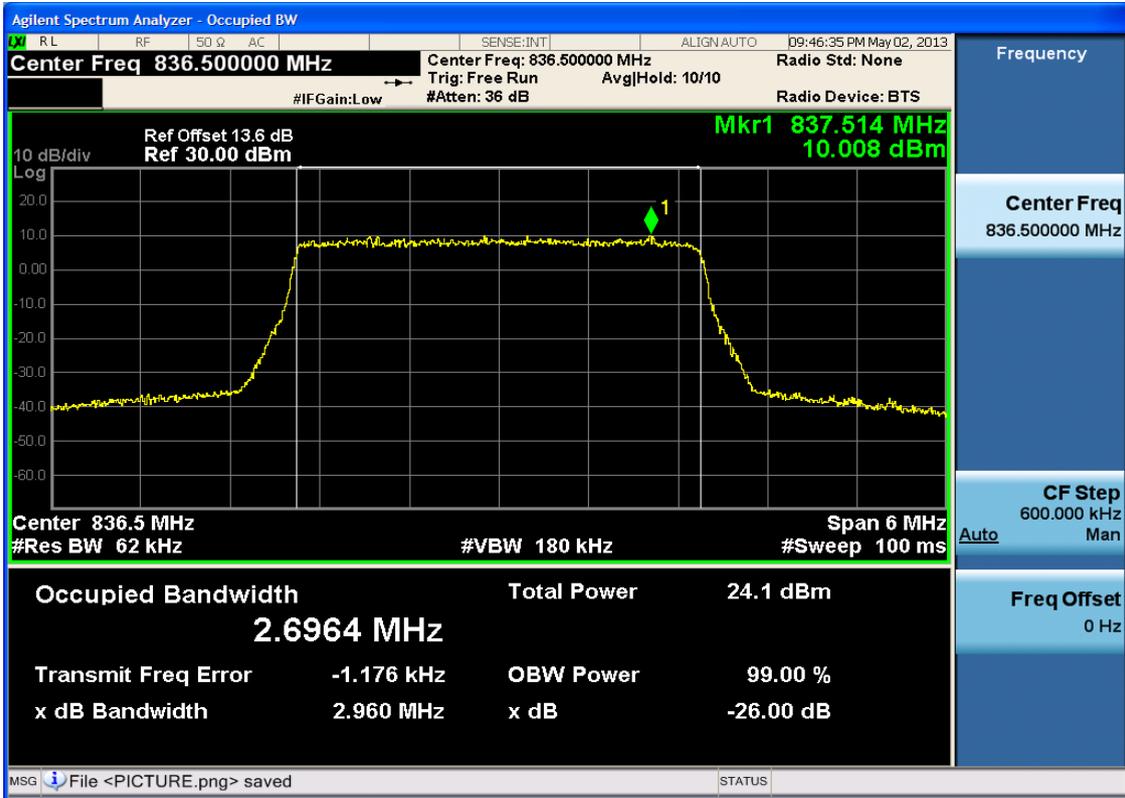### 4.3.2.2.1.3.1 Test RB = RB6#0

## 4.3.2.2.2 Test Bandwidth = 3

## 4.3.2.2.2.1 Test Channel = LCH

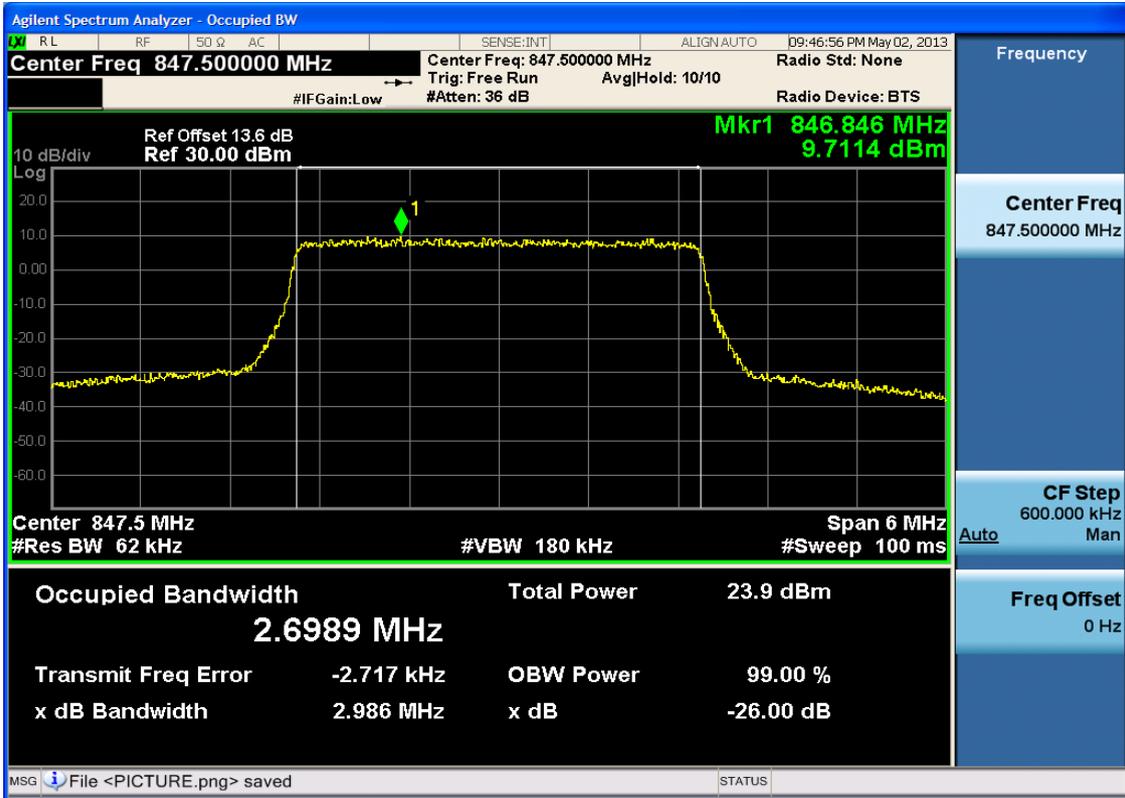## 4.3.2.2.2.1.1 Test RB = RB15#0

## 4.3.2.2.2.2 Test Channel = MCH

## 4.3.2.2.2.2.1 Test RB = RB15#0

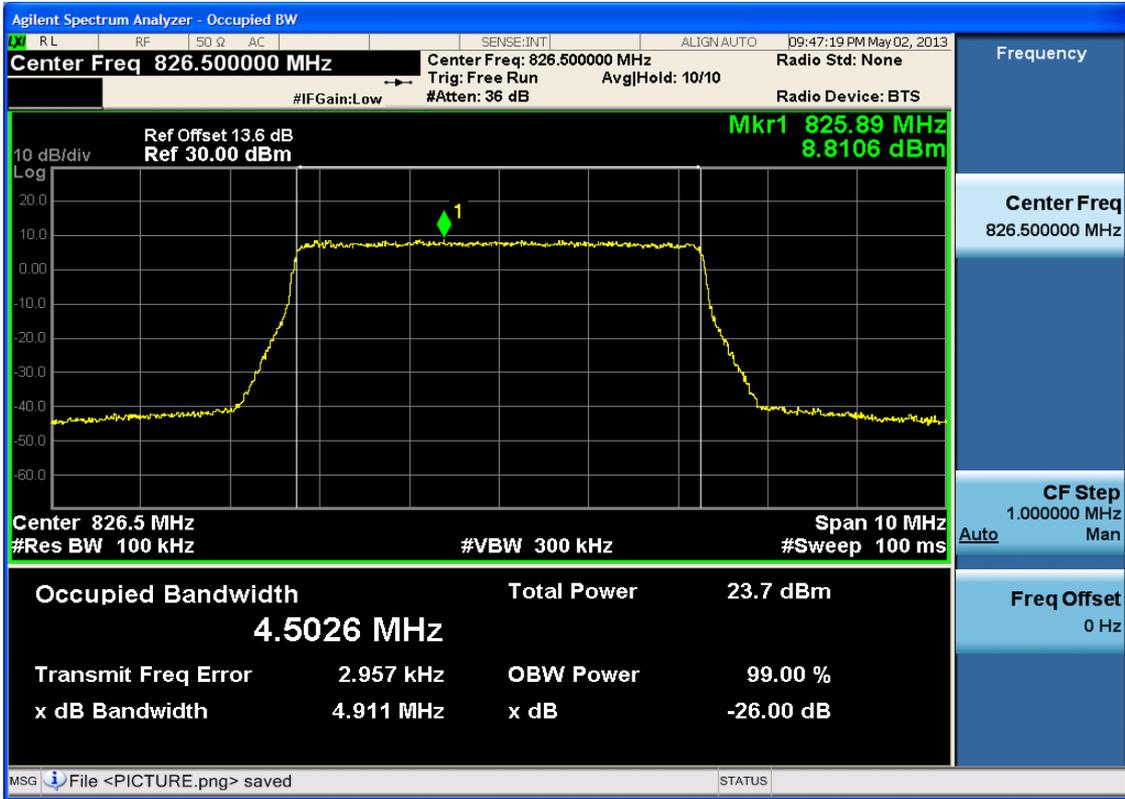## 4.3.2.2.2.3 Test Channel = HCH

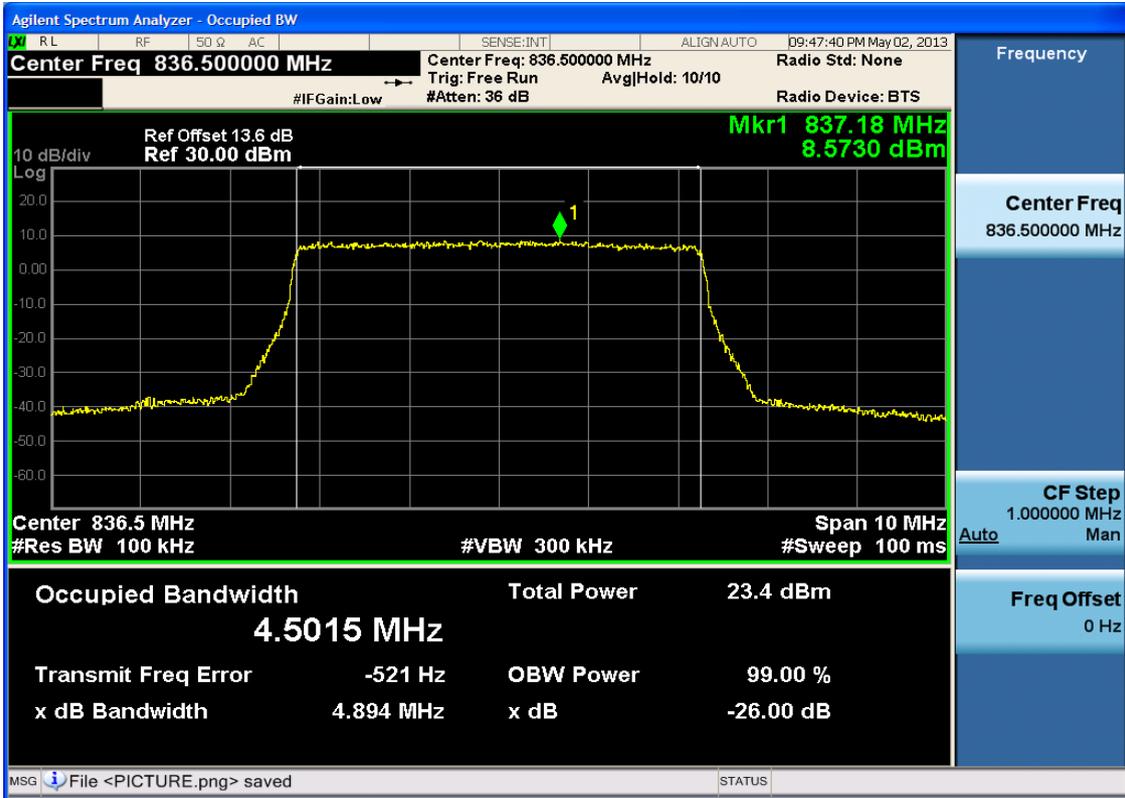### 4.3.2.2.2.3.1 Test RB = RB15#0

### 4.3.2.2.3 Test Bandwidth = 5

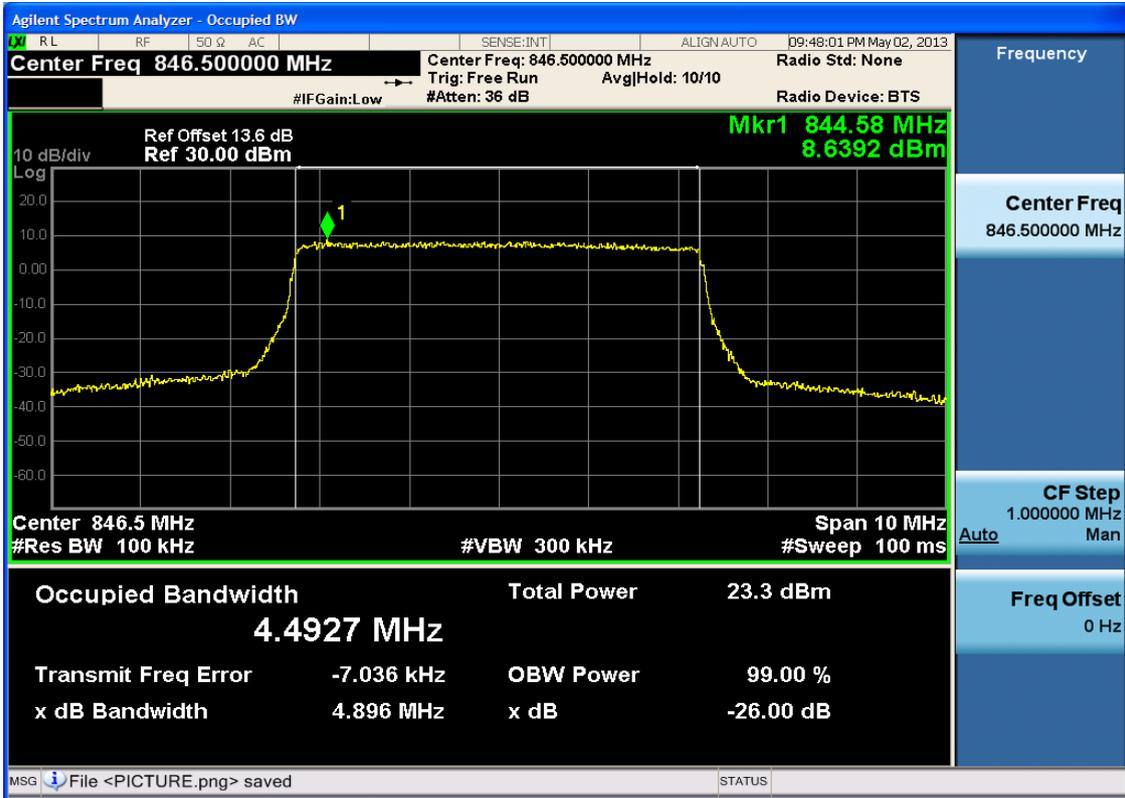### 4.3.2.2.3.1 Test Channel = LCH

### 4.3.2.2.3.1.1 Test RB = RB25#0

## 4.3.2.2.3.2 Test Channel = MCH

### 4.3.2.2.3.2.1 Test RB = RB25#0

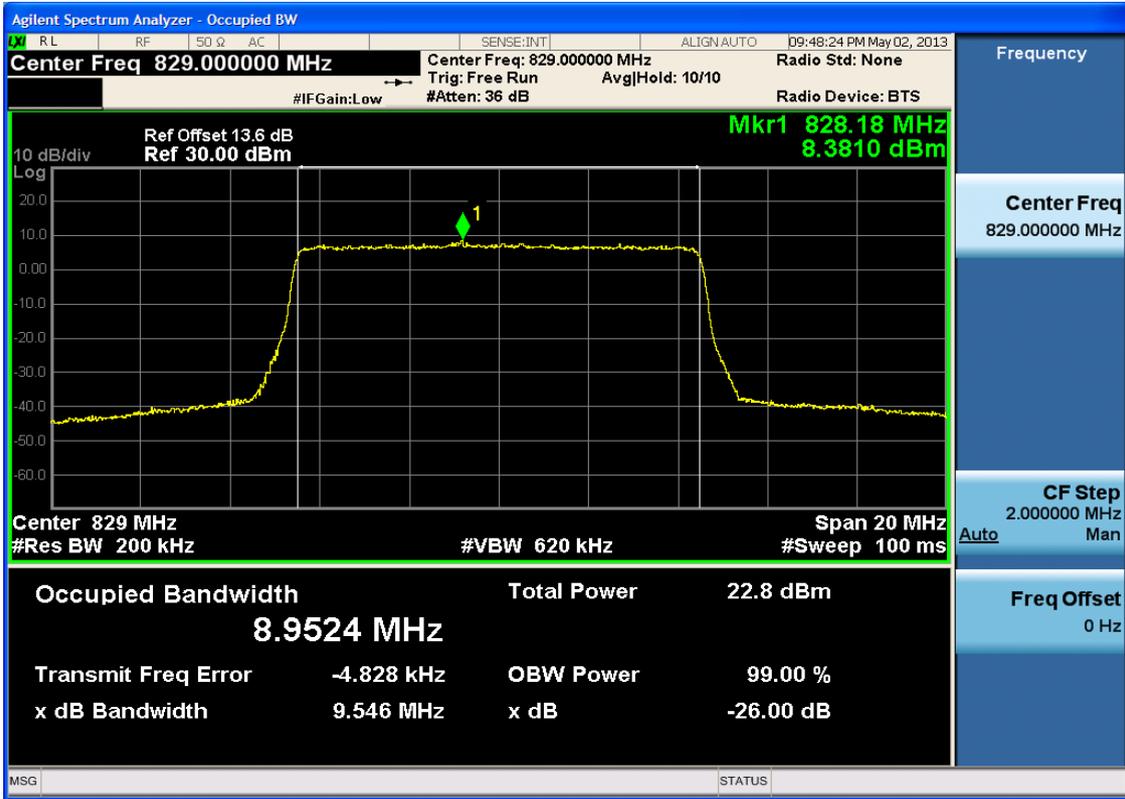### 4.3.2.2.3.3 Test Channel = HCH

### 4.3.2.2.3.3.1 Test RB = RB25#0
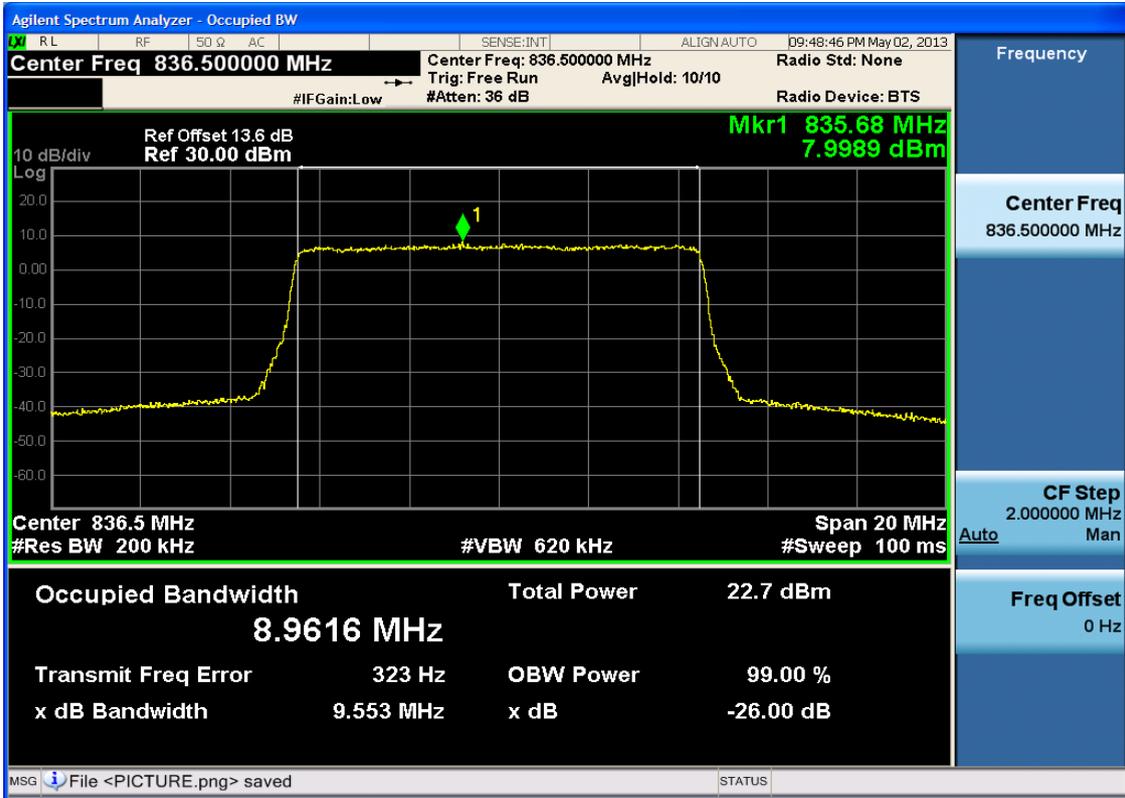
## 4.3.2.2.4 Test Bandwidth = 10

## 4.3.2.2.4.1 Test Channel = LCH
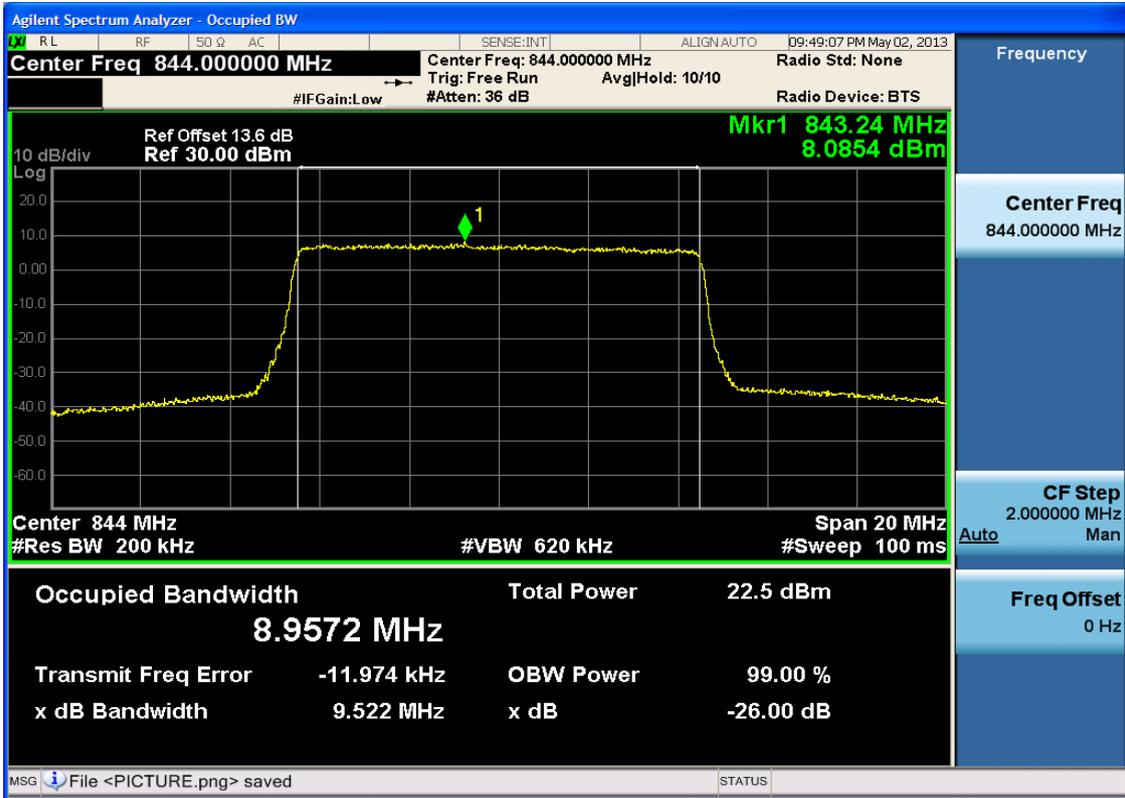
## 4.3.2.2.4.1.1 Test RB = RB50#0

## 4.3.2.2.4.2 Test Channel = MCH

### 4.3.2.2.4.2.1 Test RB = RB50#0

## 4.3.2.2.4.3 Test Channel = HCH
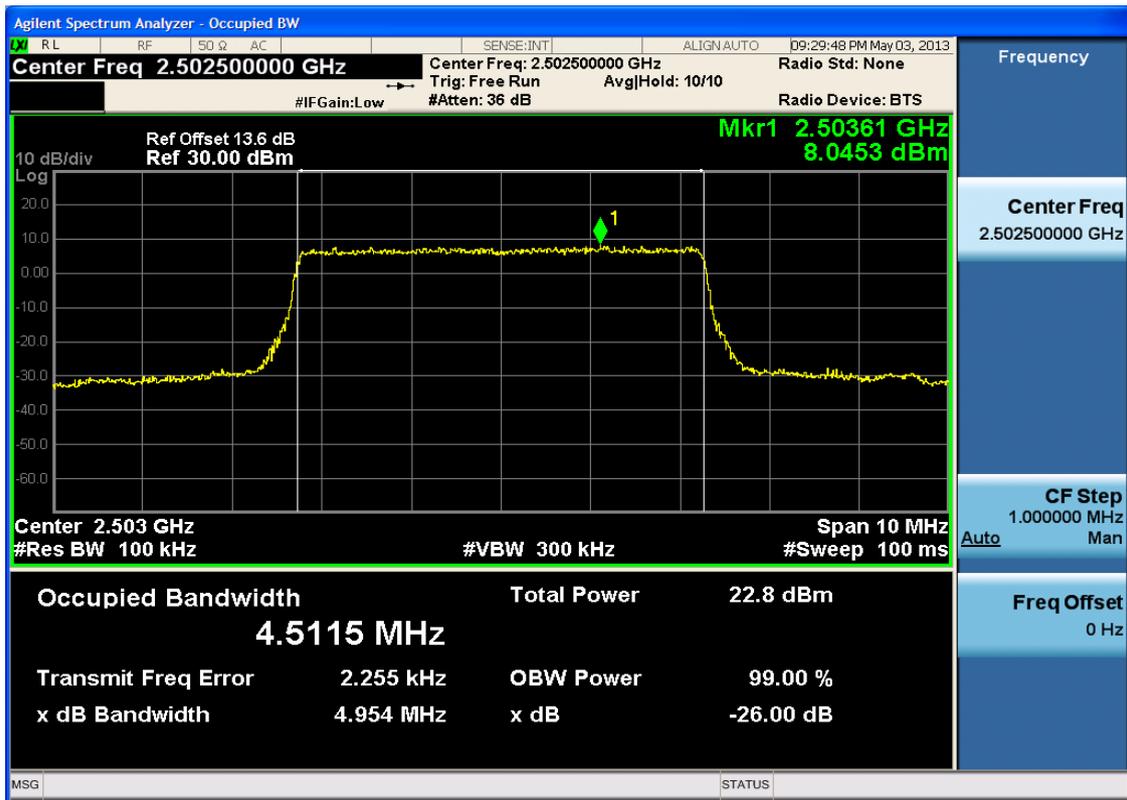
## 4.3.2.2.4.3.1 Test RB = RB50#0

## 4.3.3 Test Band = BAND7

## 4.3.3.1 Test Mode = LTE/TM1
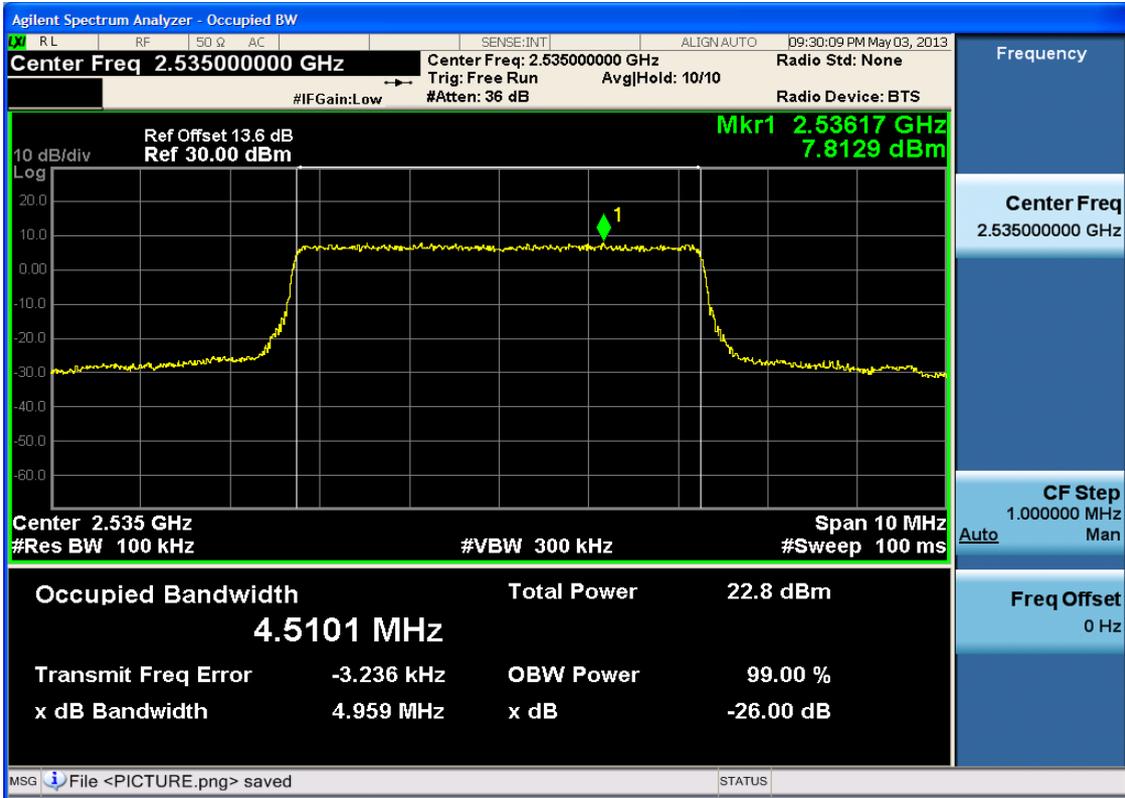
## 4.3.3.1.1 Test Bandwidth = 5

## 4.3.3.1.1.1 Test Channel = LCH
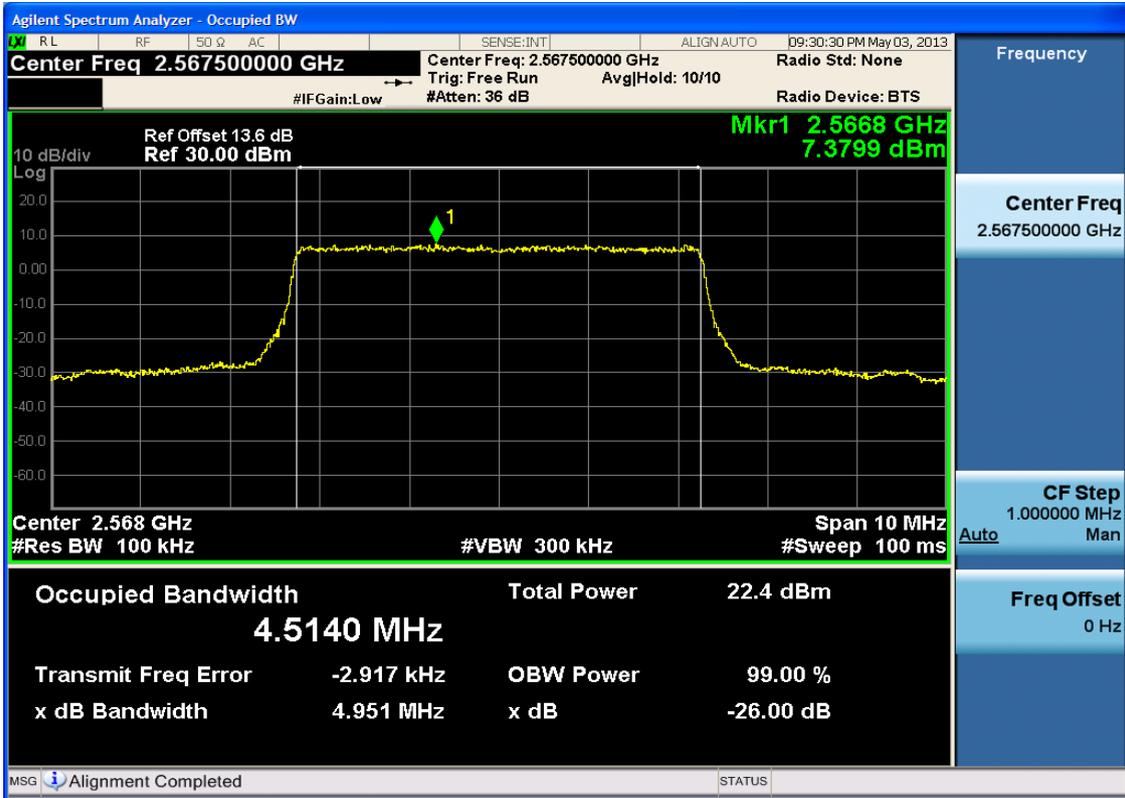
## 4.3.3.1.1.1.1 Test RB = RB25#0

## 4.3.3.1.1.2 Test Channel = MCH

### 4.3.3.1.1.2.1 Test RB = RB25#0
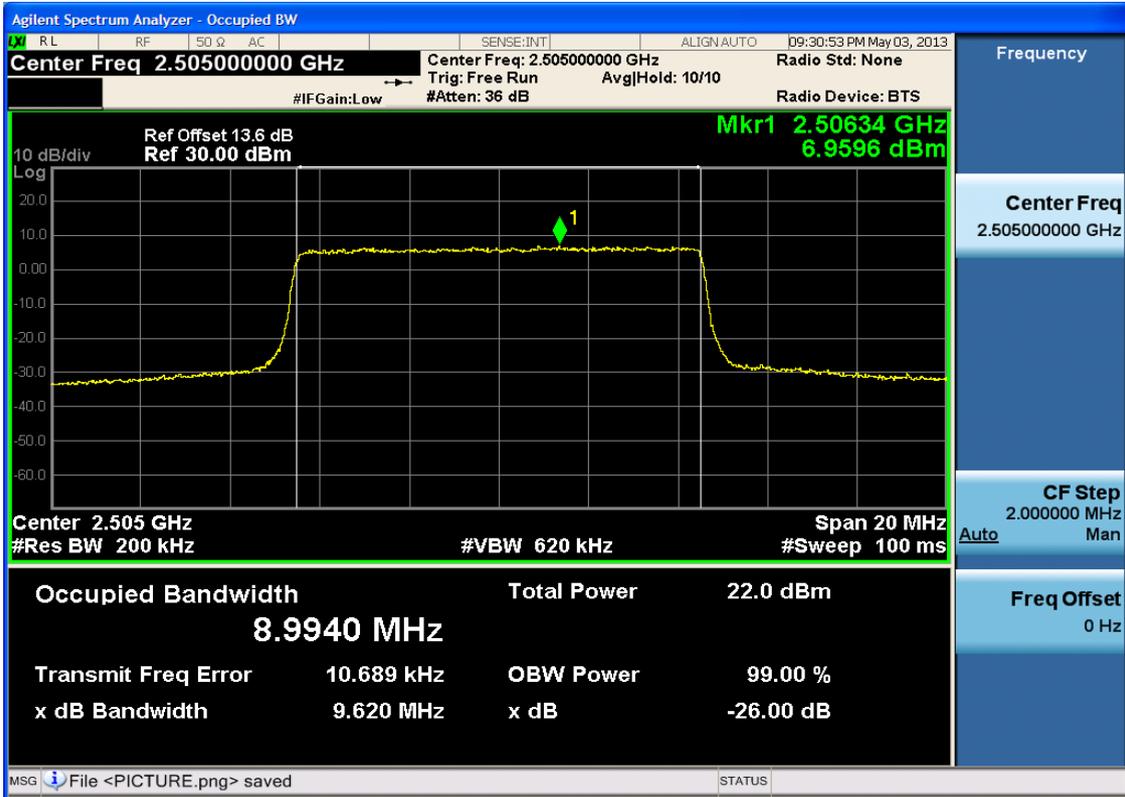
## 4.3.3.1.1.3 Test Channel = HCH

### 4.3.3.1.1.3.1 Test RB = RB25#0
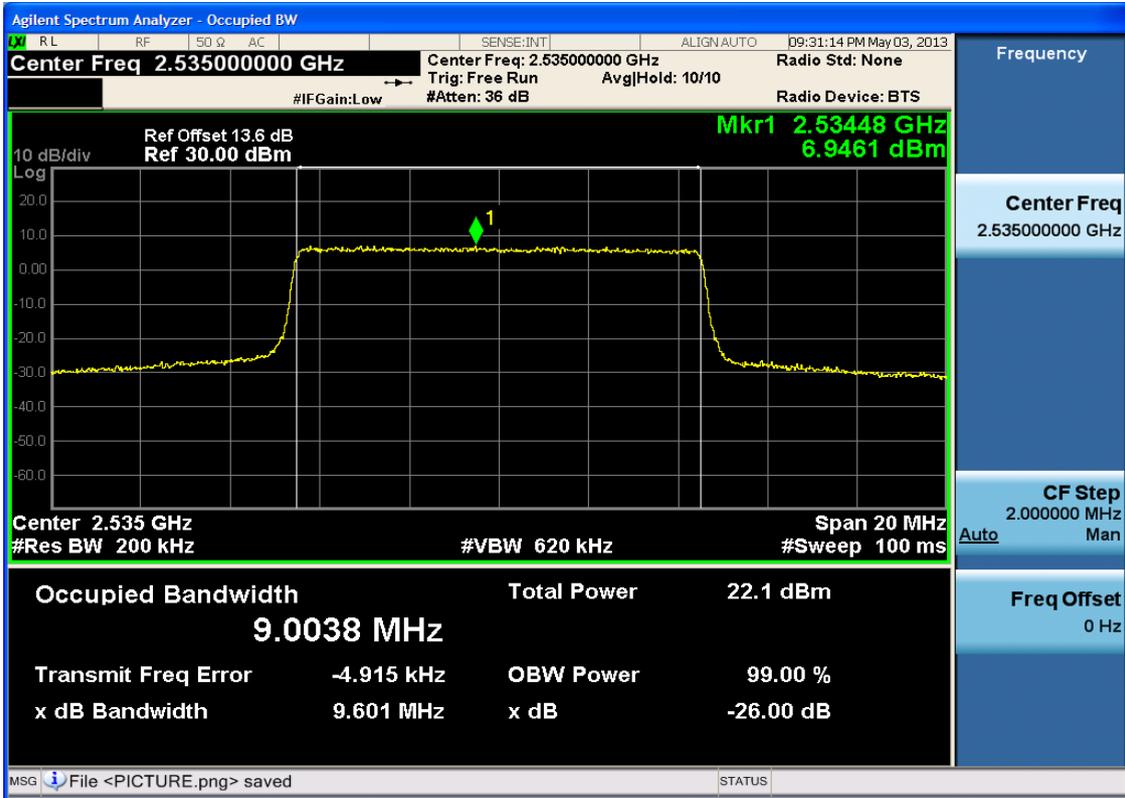
**4.3.3.1.2 Test Bandwidth = 10**

**4.3.3.1.2.1 Test Channel = LCH**
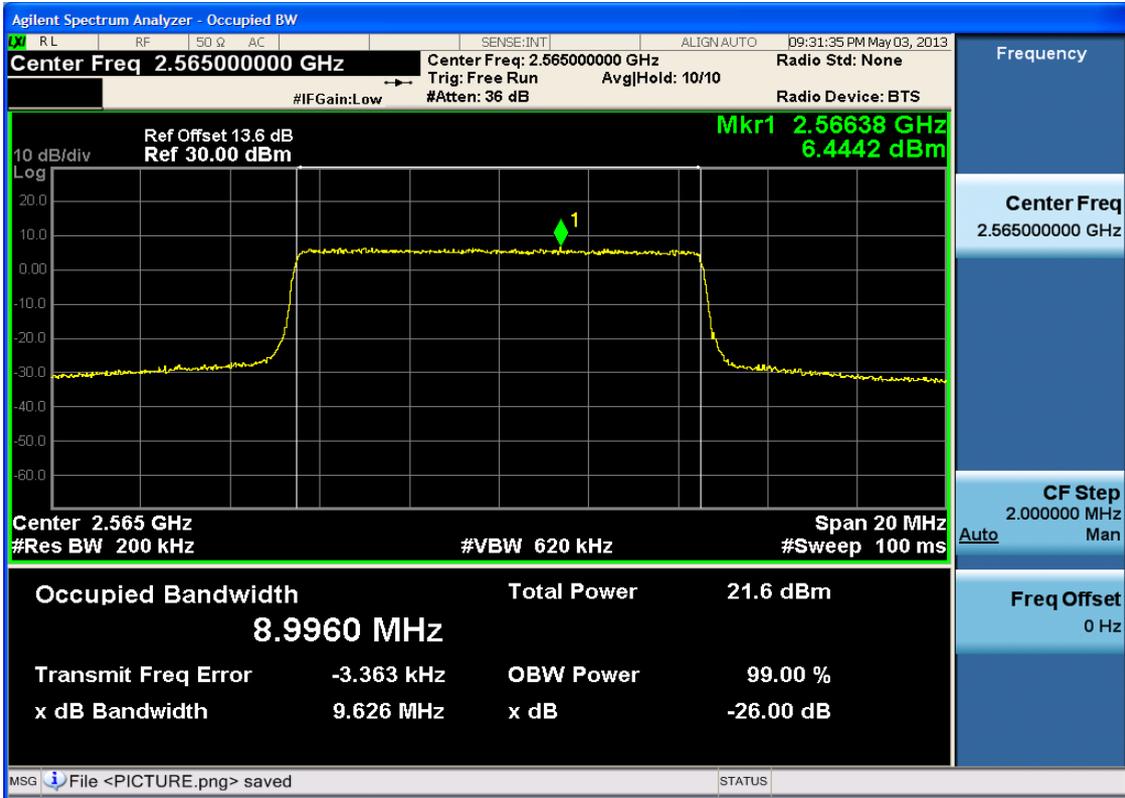
**4.3.3.1.2.1.1 Test RB = RB50#0**

## 4.3.3.1.2.2 Test Channel = MCH

### 4.3.3.1.2.2.1 Test RB = RB50#0

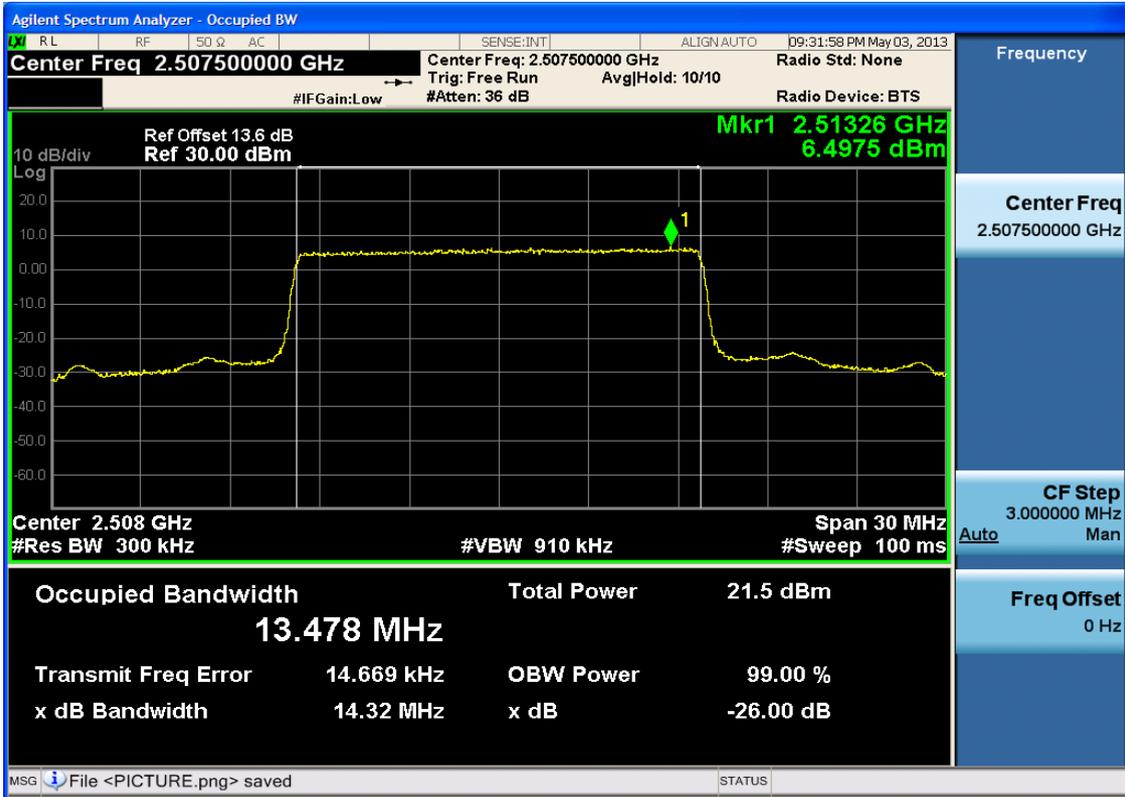## 4.3.3.1.2.3 Test Channel = HCH

## 4.3.3.1.2.3.1 Test RB = RB50#0

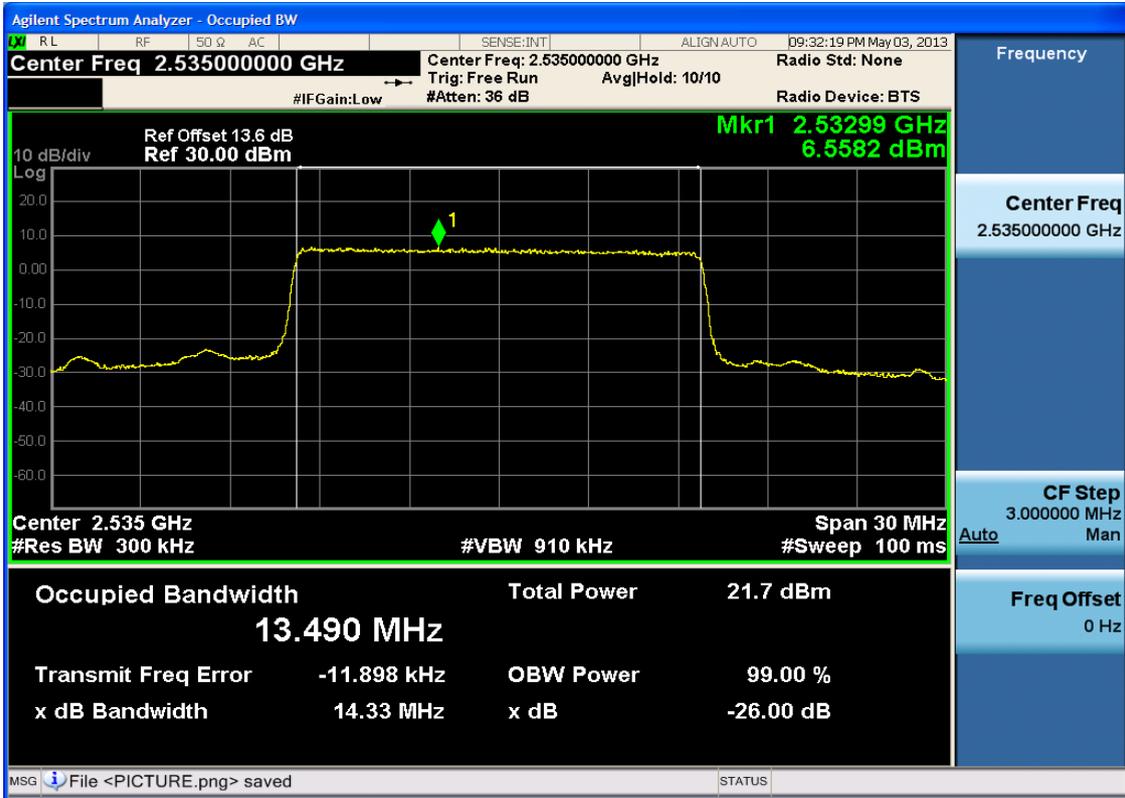### 4.3.3.1.3 Test Bandwidth = 15

### 4.3.3.1.3.1 Test Channel = LCH

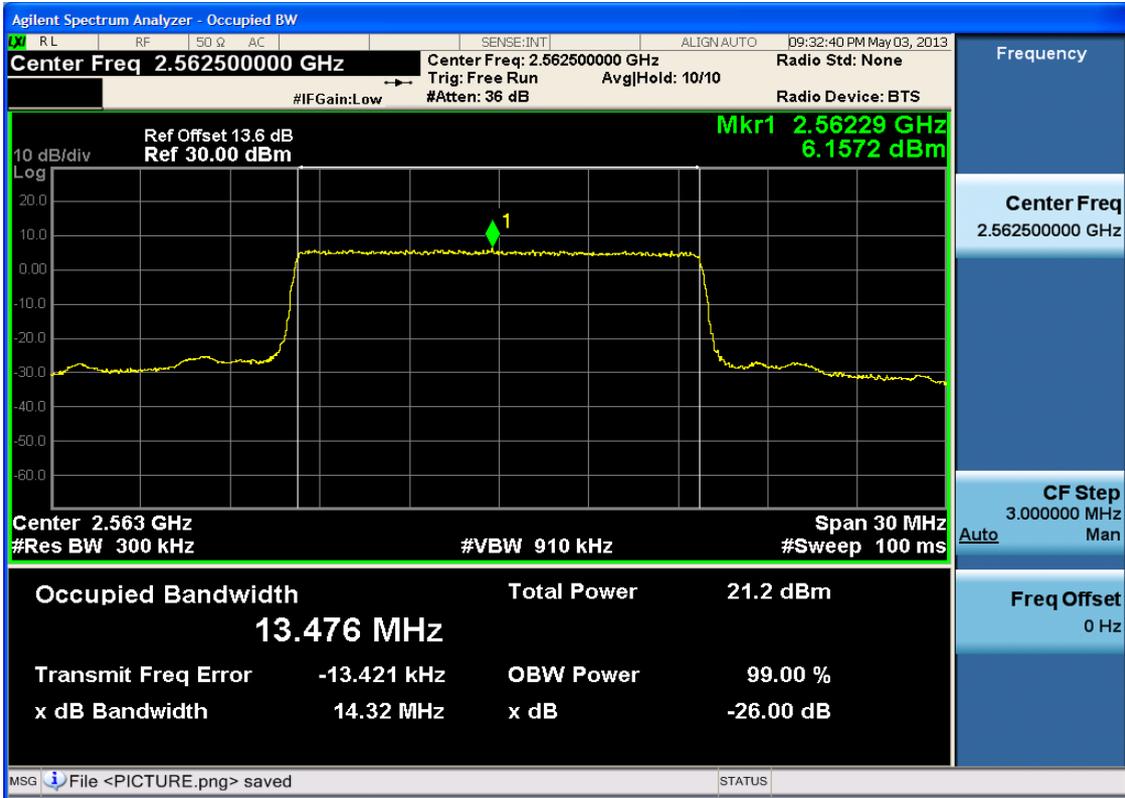### 4.3.3.1.3.1.1 Test RB = RB75#0

## 4.3.3.1.3.2 Test Channel = MCH

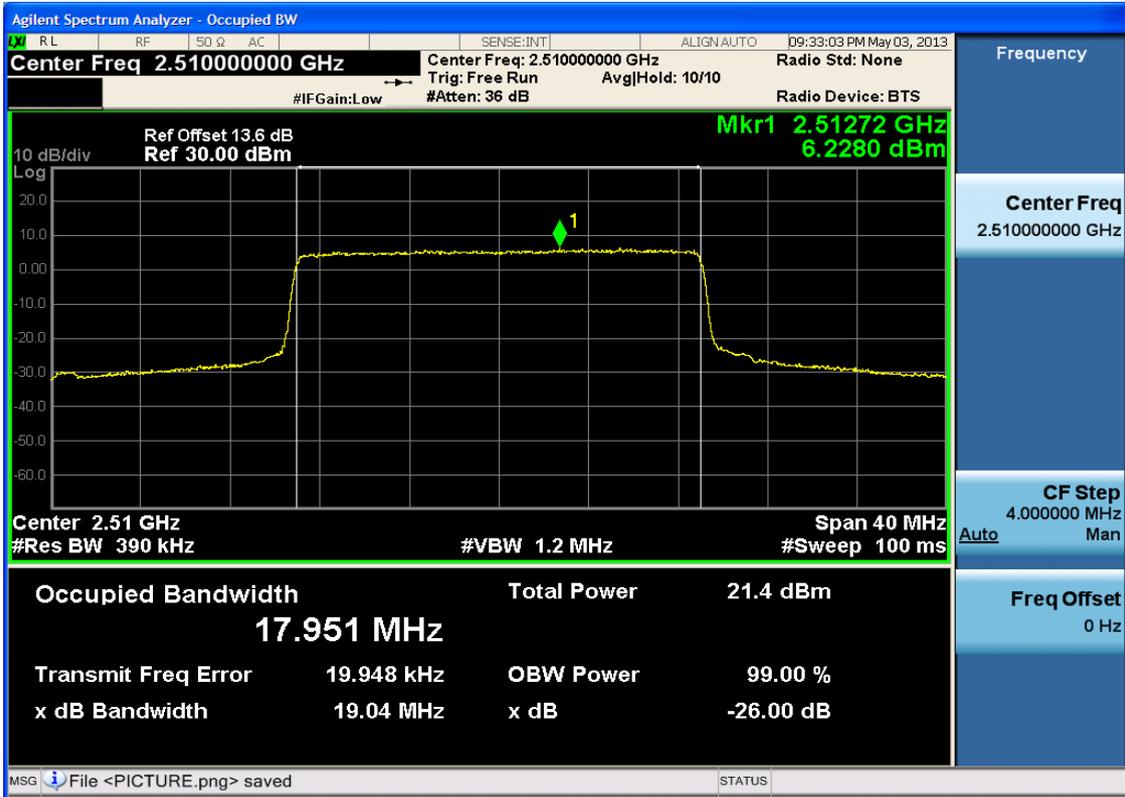### 4.3.3.1.3.2.1 Test RB = RB75#0

## 4.3.3.1.3.3 Test Channel = HCH

## 4.3.3.1.3.3.1 Test RB = RB75#0

## 4.3.3.1.4 Test Bandwidth = 20

### 4.3.3.1.4.1 Test Channel = LCH

#### 4.3.3.1.4.1.1 Test RB = RB100#0

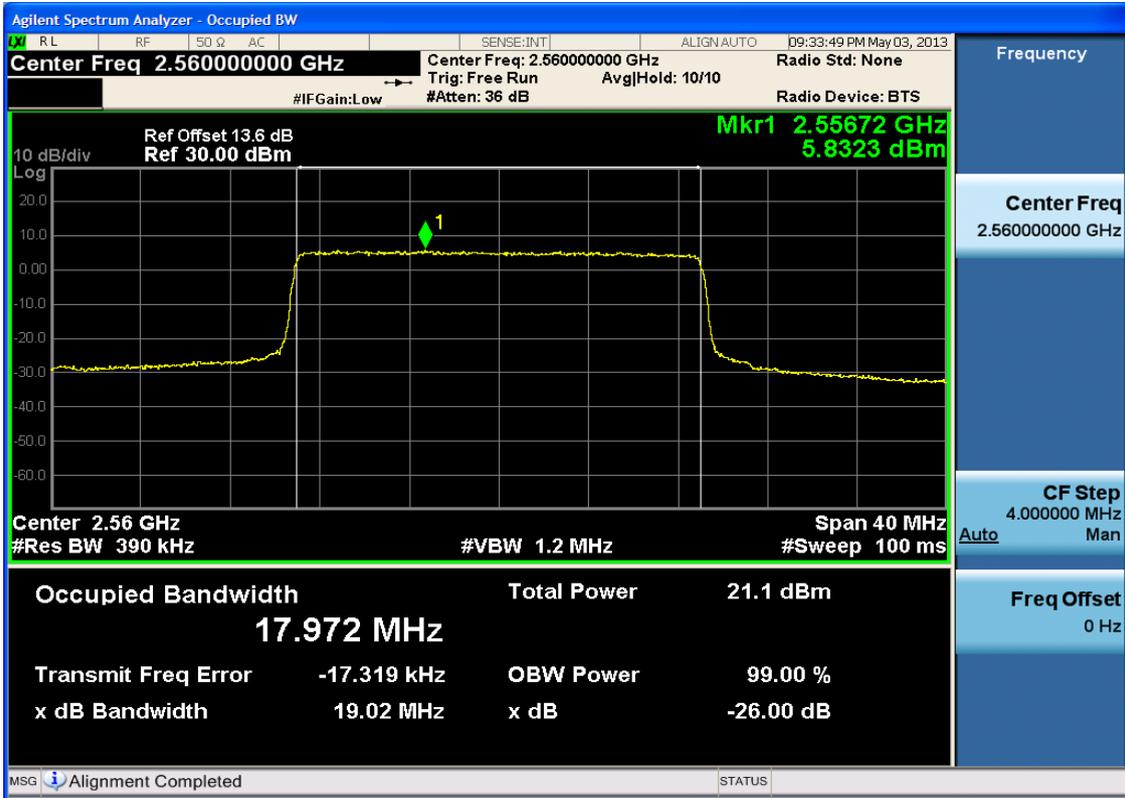### 4.3.3.1.4.2 Test Channel = MCH

### 4.3.3.1.4.2.1 Test RB = RB100#0

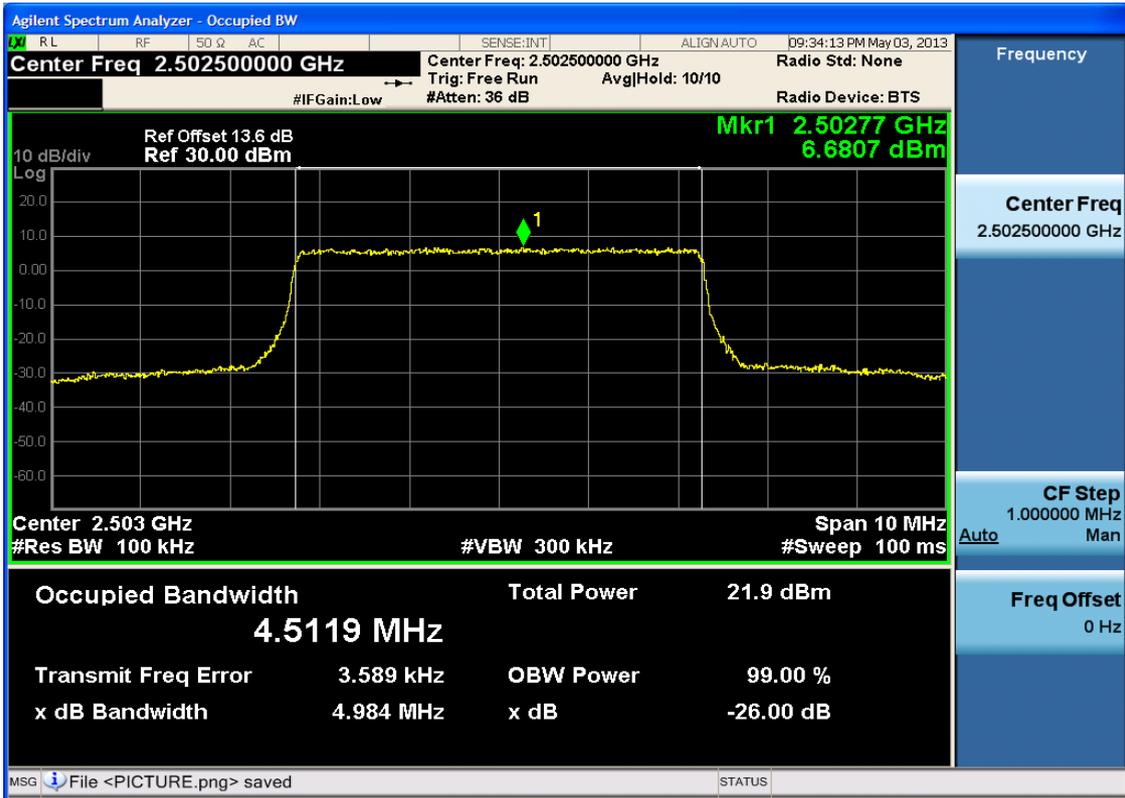### 4.3.3.1.4.3 Test Channel = HCH

### 4.3.3.1.4.3.1 Test RB = RB100#0

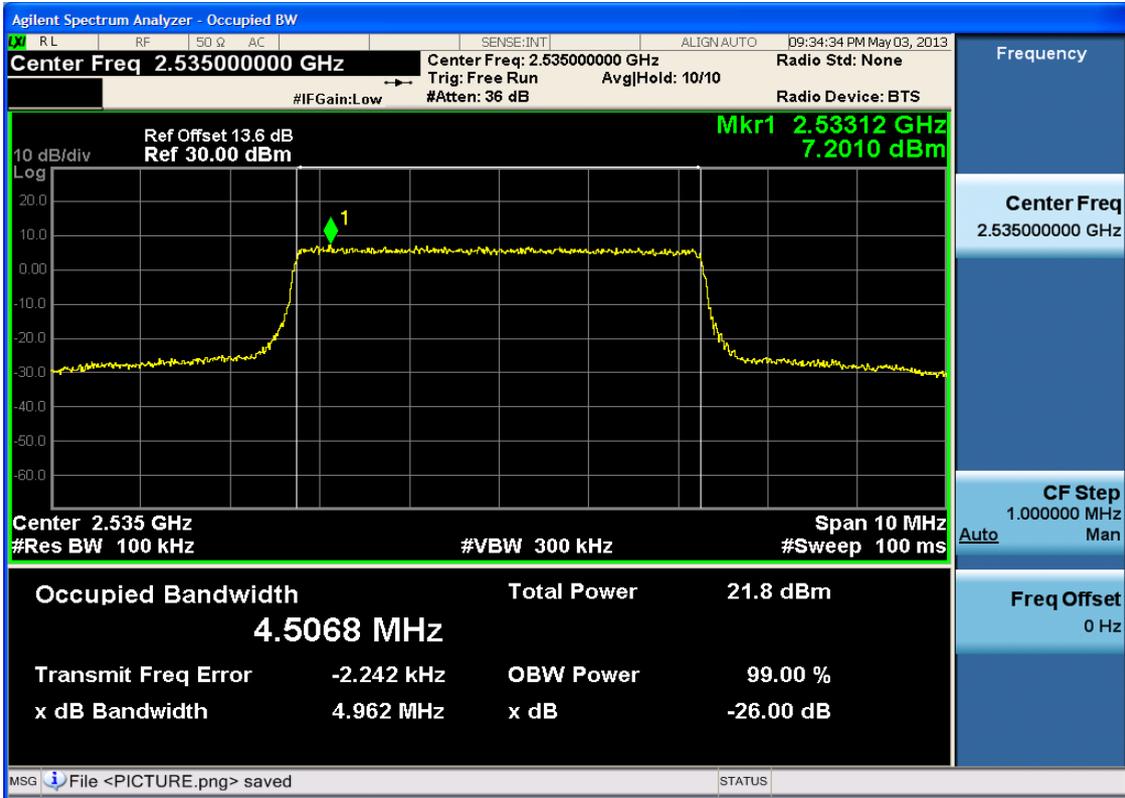**4.3.3.2 Test Mode = LTE/TM2**

**4.3.3.2.1 Test Bandwidth = 5**

**4.3.3.2.1.1 Test Channel = LCH**

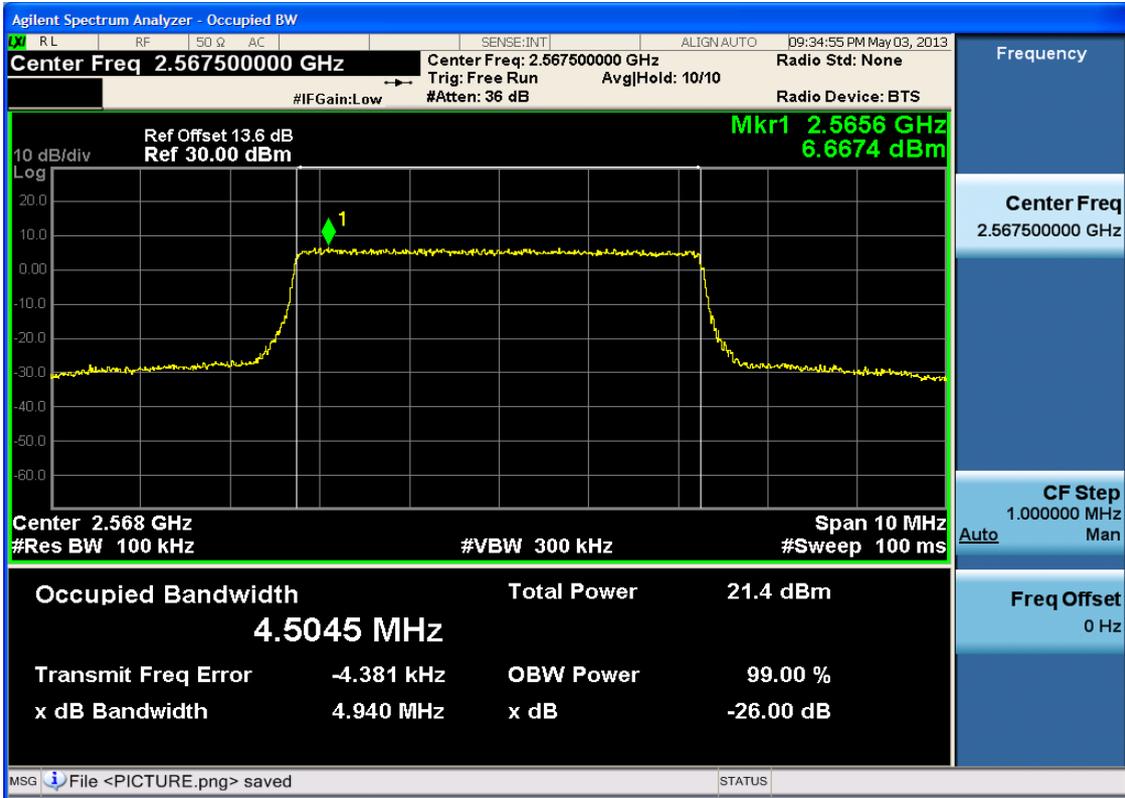**4.3.3.2.1.1.1 Test RB = RB25#0**

### 4.3.3.2.1.2 Test Channel = MCH

### 4.3.3.2.1.2.1 Test RB = RB25#0

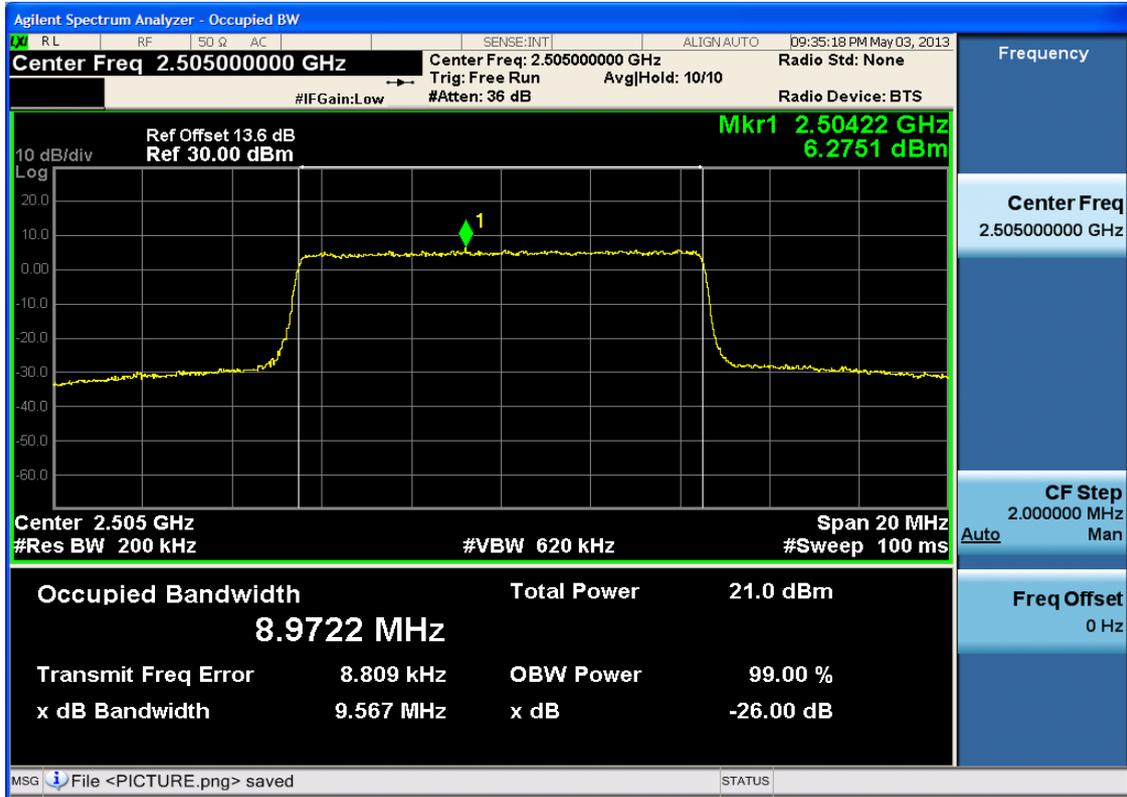## 4.3.3.2.1.3 Test Channel = HCH

### 4.3.3.2.1.3.1 Test RB = RB25#0

## 4.3.3.2.2 Test Bandwidth = 10

### 4.3.3.2.2.1 Test Channel = LCH

#### 4.3.3.2.2.1.1 Test RB = RB50#0

**4.3.3.2.2.2 Test Channel = MCH**


**4.3.3.2.2.2.1 Test RB = RB50#0**

## 4.3.3.2.2.3 Test Channel = HCH

### 4.3.3.2.2.3.1 Test RB = RB50#0

## 4.3.3.2.3 Test Bandwidth = 15

### 4.3.3.2.3.1 Test Channel = LCH

#### 4.3.3.2.3.1.1 Test RB = RB75#0

### 4.3.3.2.3.2 Test Channel = MCH

### 4.3.3.2.3.2.1 Test RB = RB75#0

## 4.3.3.2.3.3 Test Channel = HCH

### 4.3.3.2.3.3.1 Test RB = RB75#0
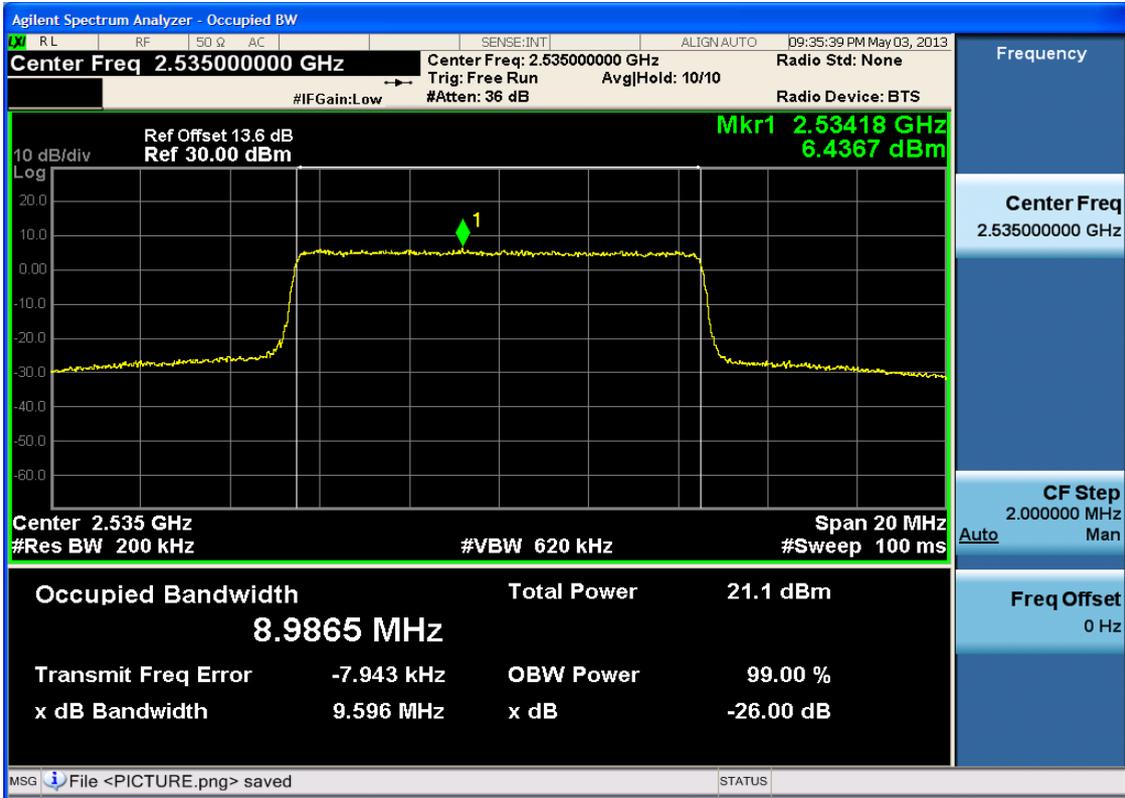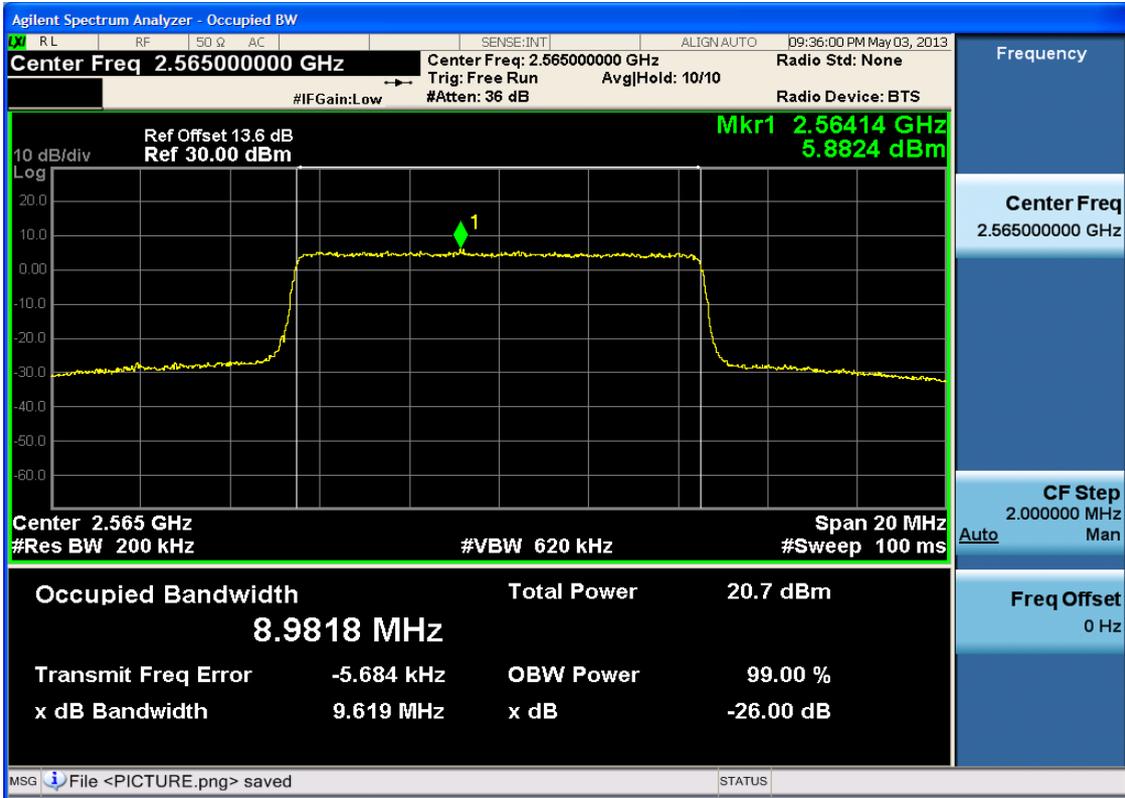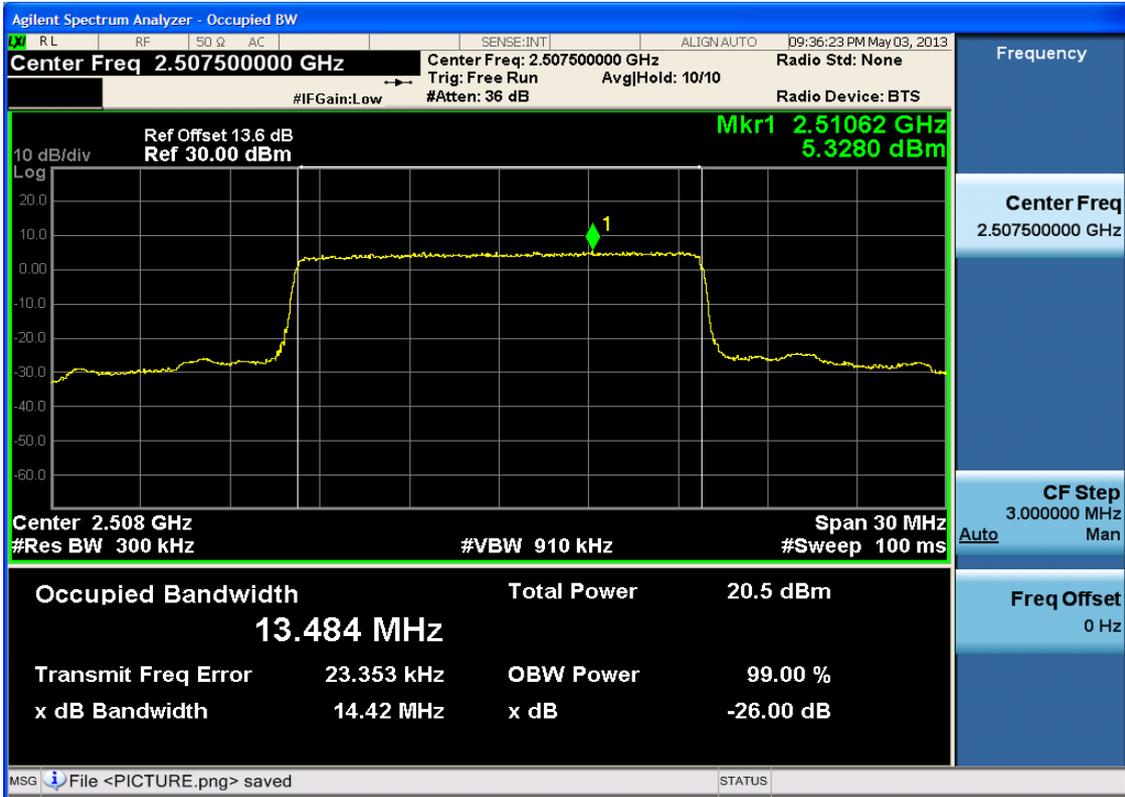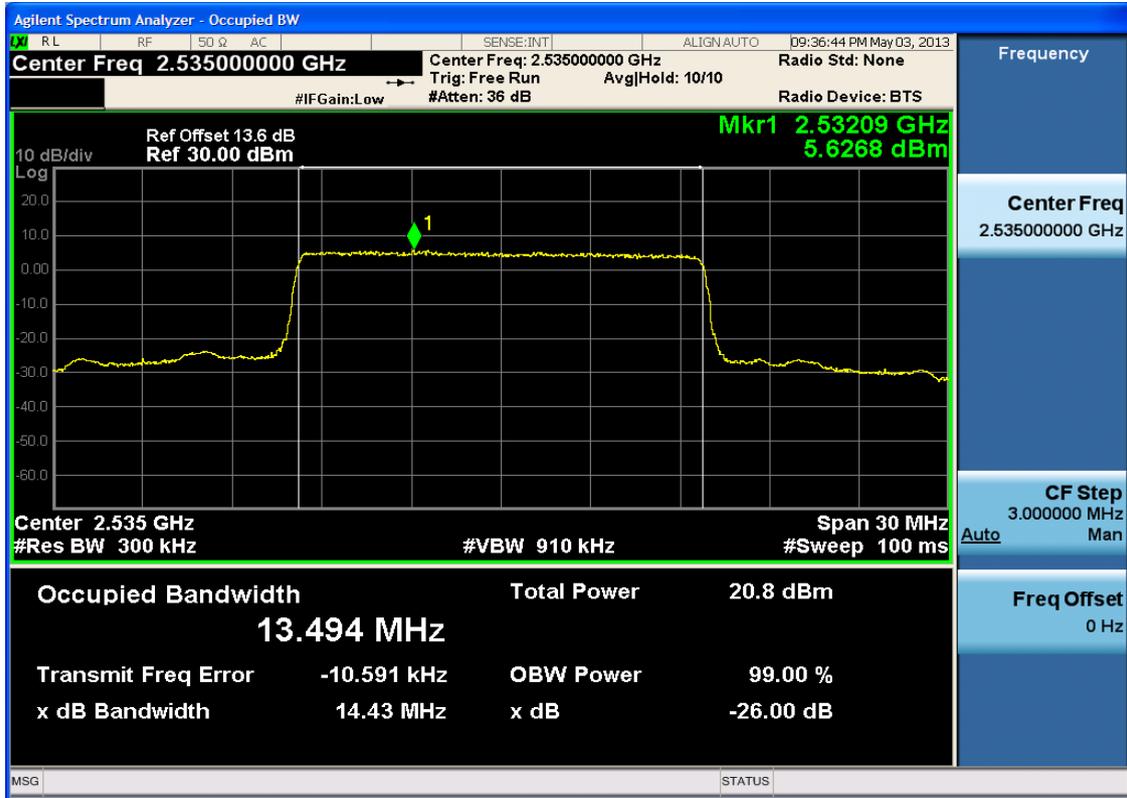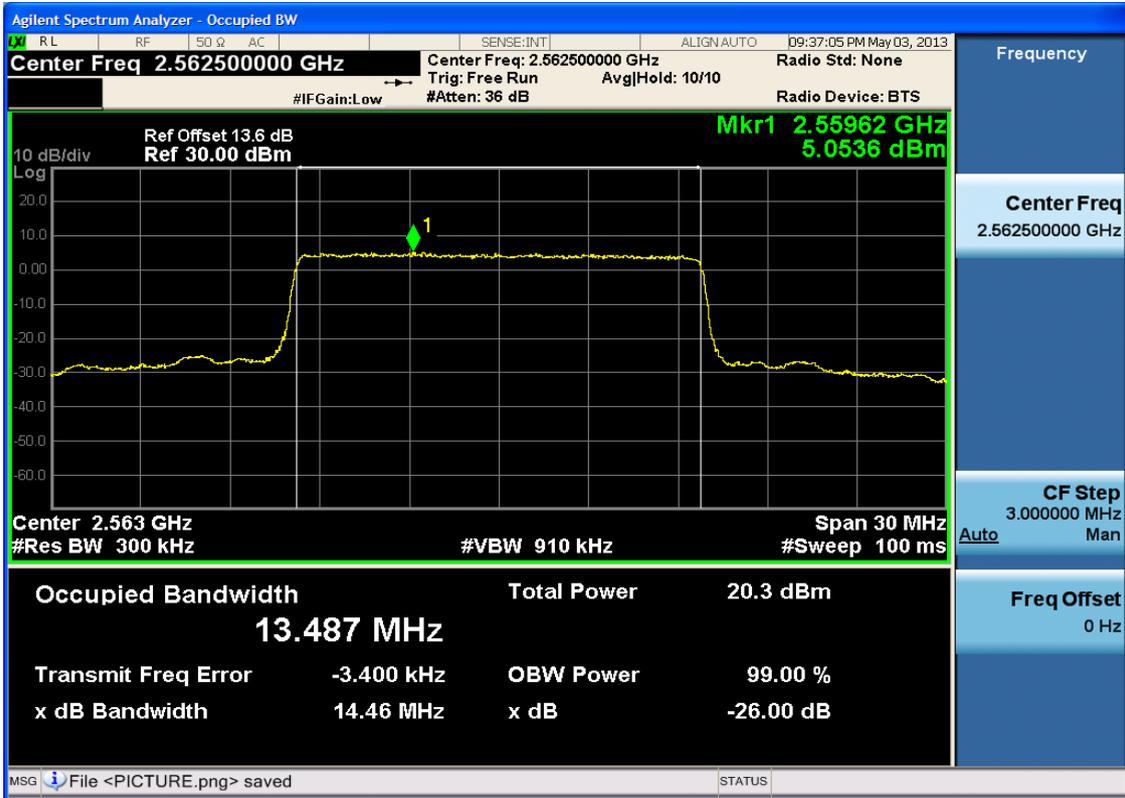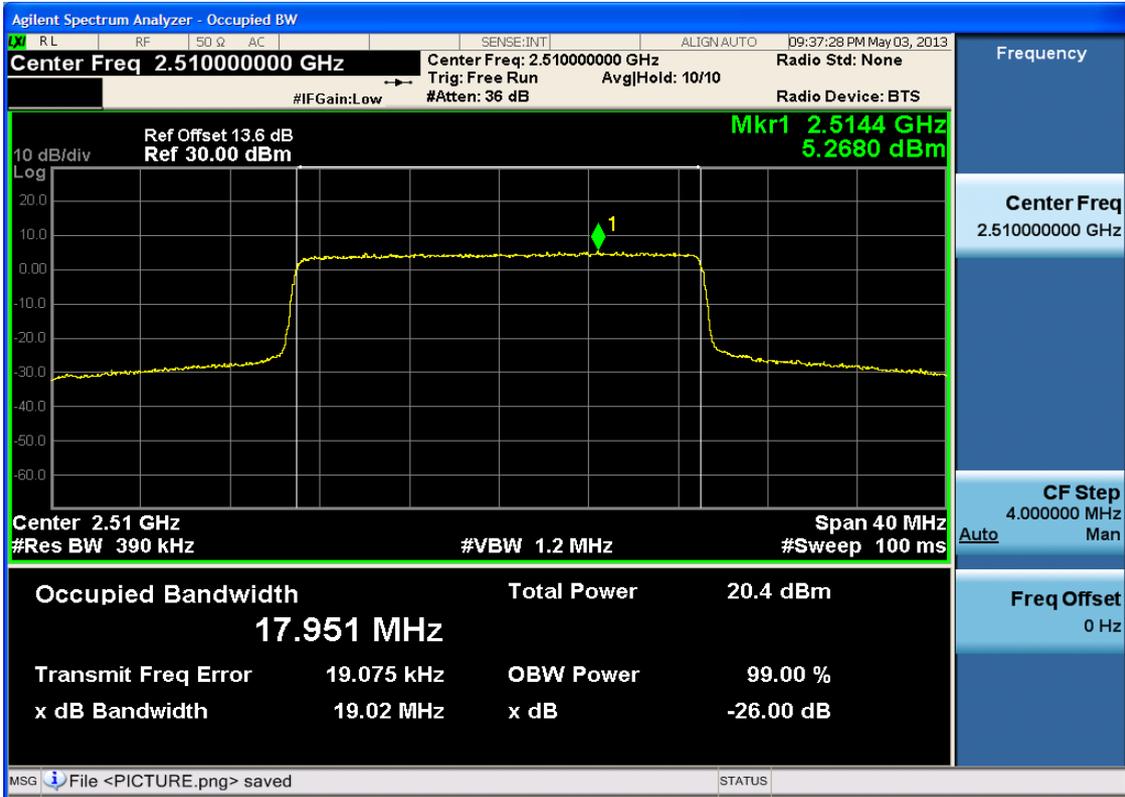
## 4.3.3.2.4 Test Bandwidth = 20

### 4.3.3.2.4.1 Test Channel = LCH
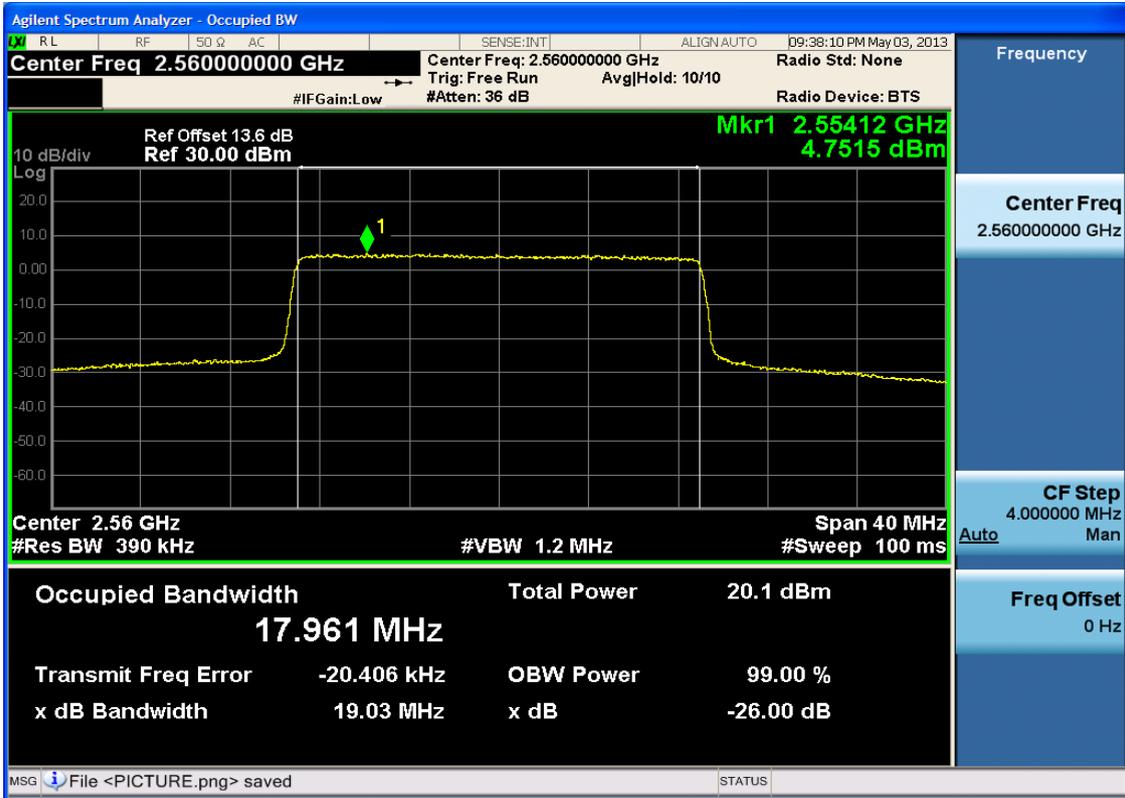
#### 4.3.3.2.4.1.1 Test RB = RB100#0

## 4.3.3.2.4.2 Test Channel = MCH

### 4.3.3.2.4.2.1 Test RB = RB100#0

### 4.3.3.2.4.3 Test Channel = HCH

### 4.3.3.2.4.3.1 Test RB = RB100#0
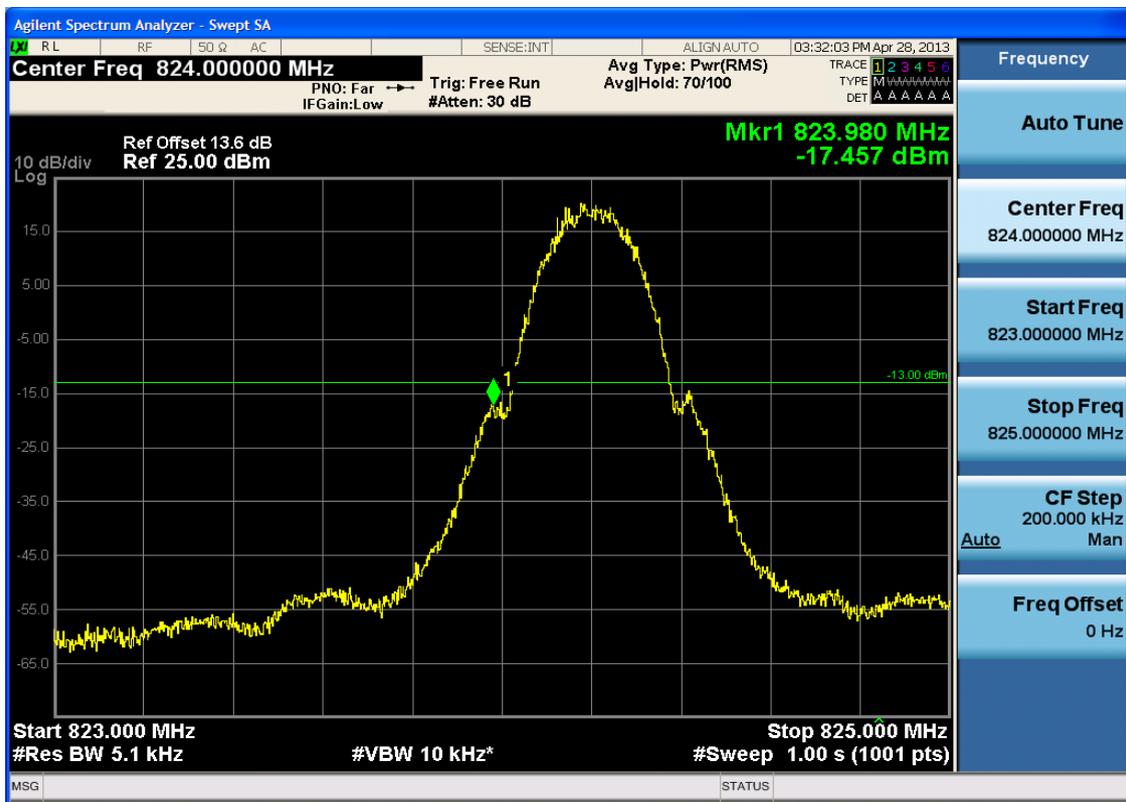
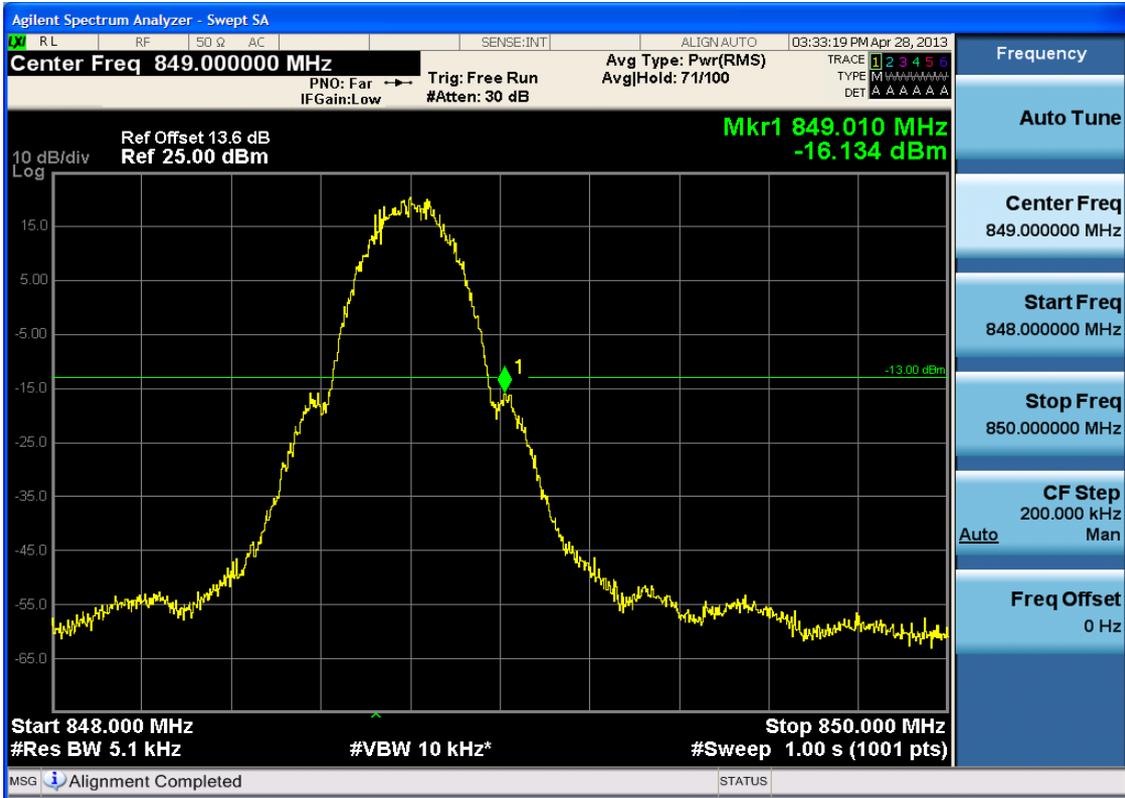# 5Appendix_E: Band Edges Compliance

**Part I - Test Plots**

**5.1 For GSM**

**5.1.1 Test Band = GSM850**

**5.1.1.1 Test Mode = GSM/TM1**

**5.1.1.1.1 Test Channel = LCH**

## 5.1.1.1.2 Test Channel = HCH

## 5.1.1.2 Test Mode = GSM/TM2

## 5.1.1.2.1 Test Channel = LCH

## 5.1.1.2.2 Test Channel = HCH

## 5.1.2 Test Band = GSM1900

## 5.1.2.1 Test Mode = GSM/TM1
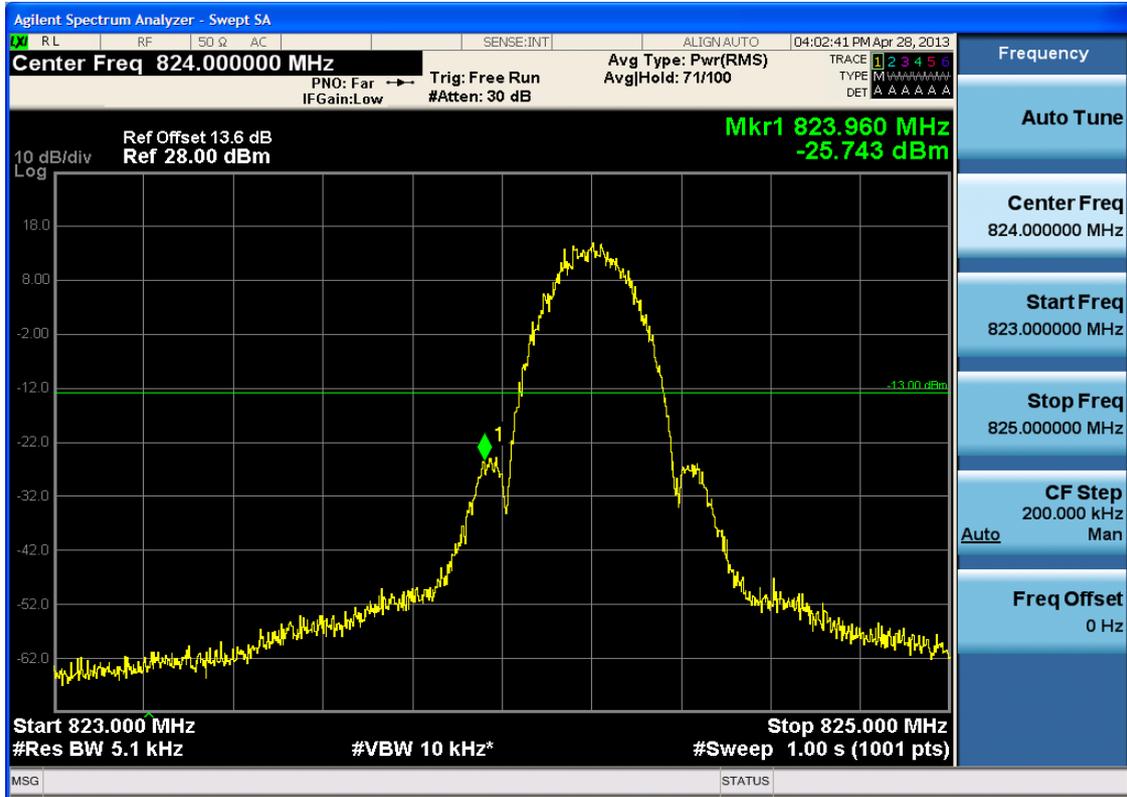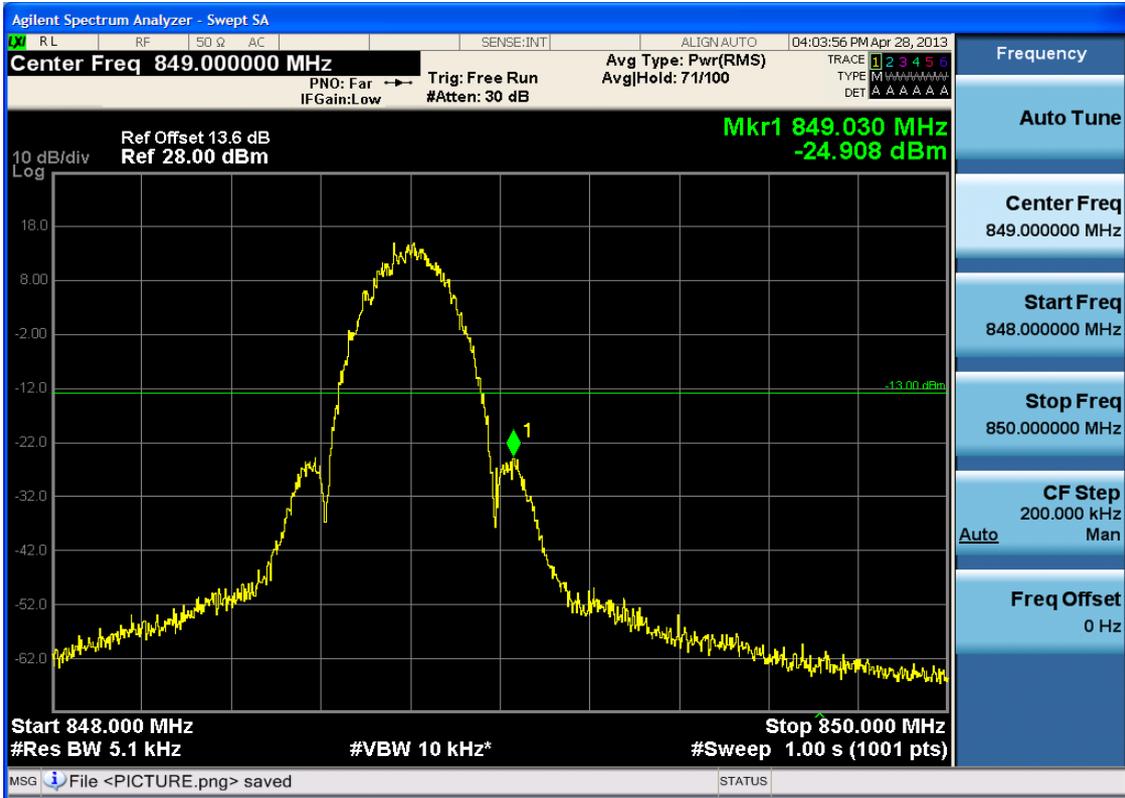
## 5.1.2.1.1 Test Channel = LCH

## 5.1.2.1.2 Test Channel = HCH

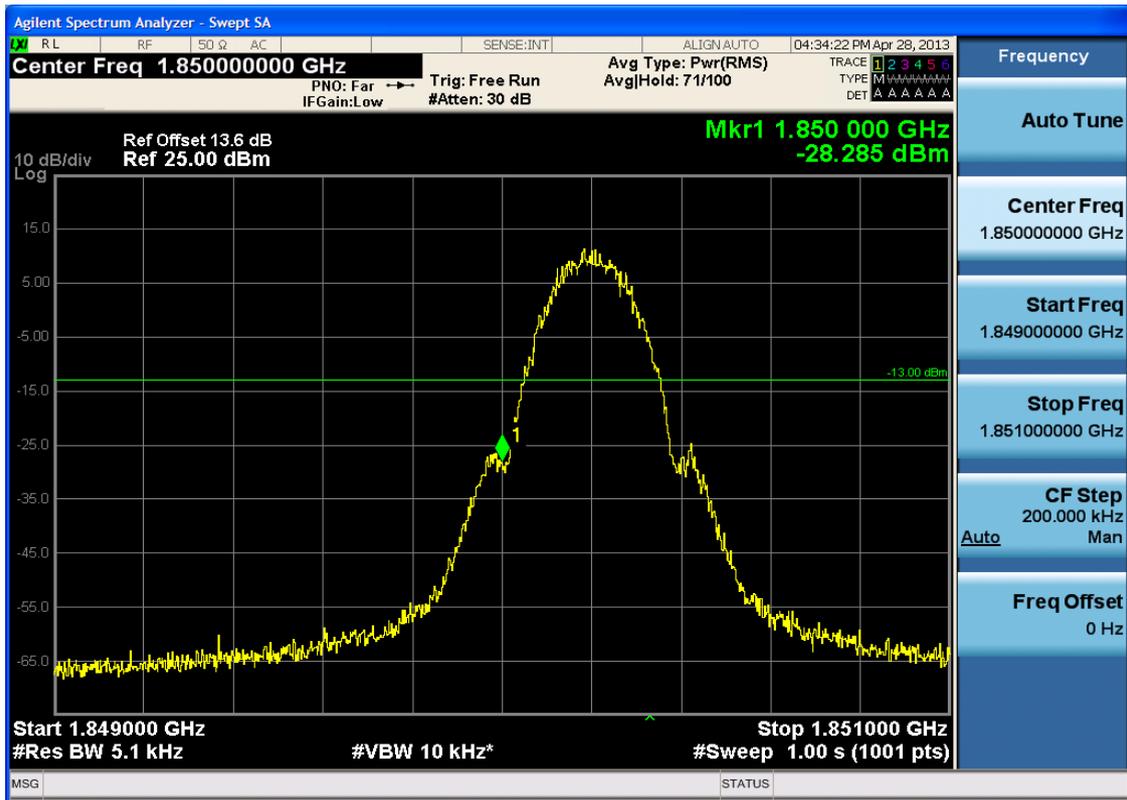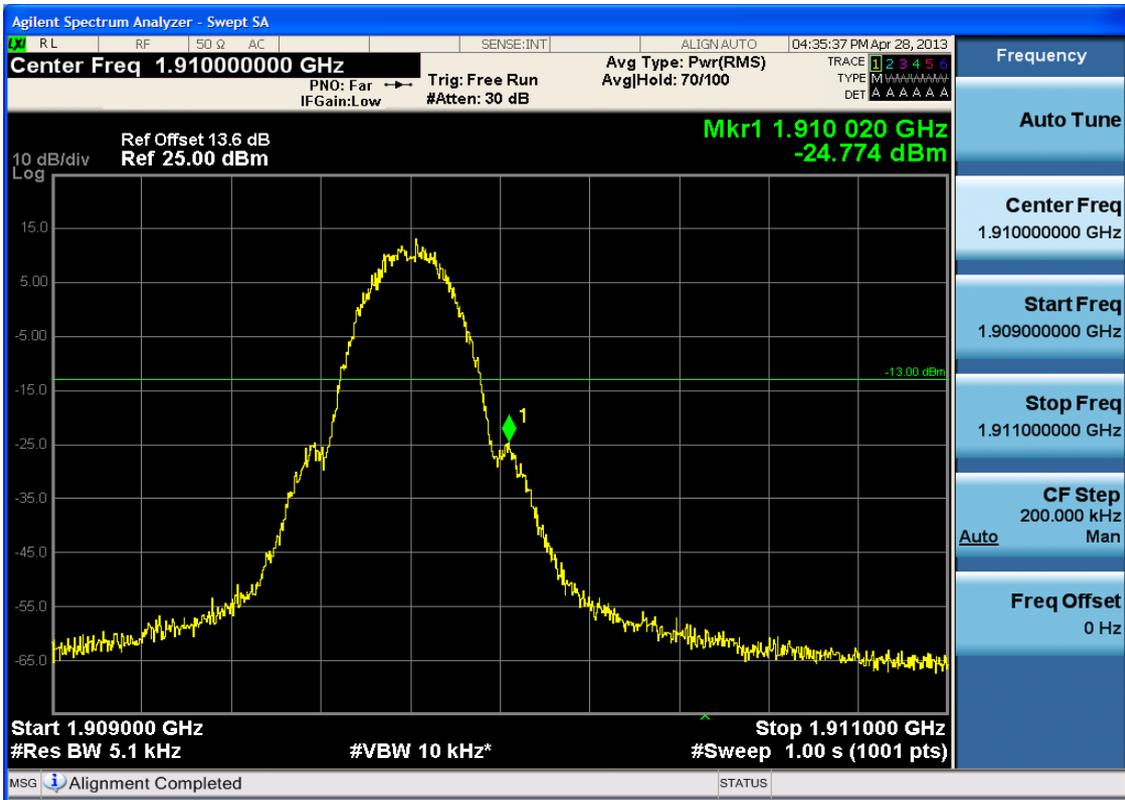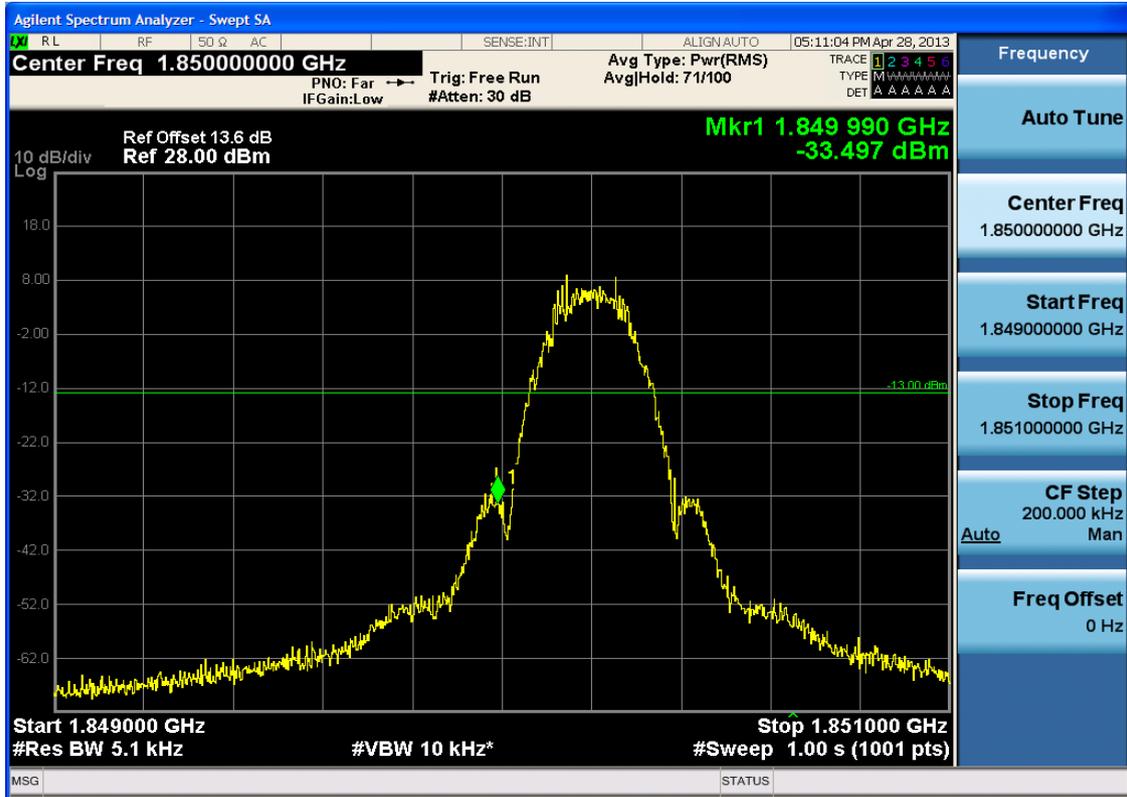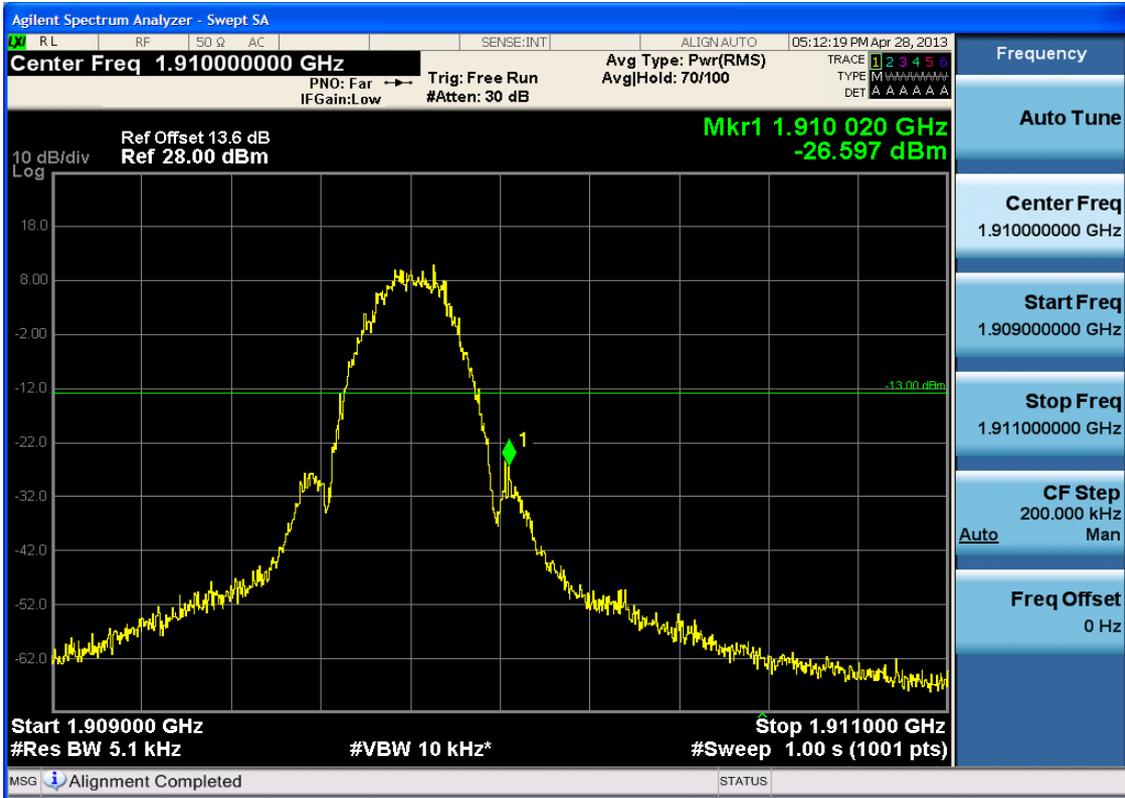## 5.1.2.2 Test Mode = GSM/TM2

## 5.1.2.2.1 Test Channel = LCH

## 5.1.2.2.2 Test Channel = HCH

## 5.2 For UMTS

### 5.2.1 Test Band = WCDMA850

#### 5.2.1.1 Test Mode = UMTS/TM1

##### 5.2.1.1.1 Test Channel = LCH

## 5.2.1.1.2 Test Channel = HCH

## 5.2.2 Test Band = WCDMA1900

### 5.2.2.1 Test Mode = UMTS/TM1

#### 5.2.2.1.1 Test Channel = LCH
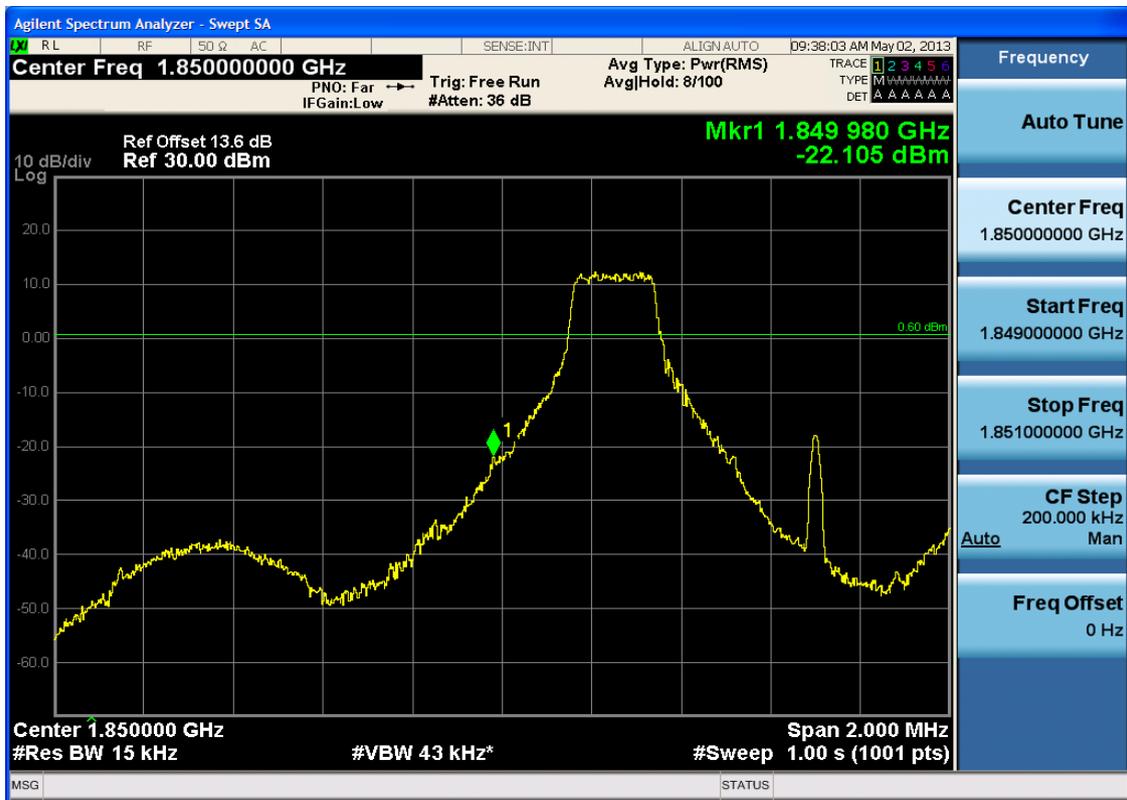
## 5.2.2.1.2 Test Channel = HCH

## 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

## 5.3.1.1.1.1.2 Test RB = RB1#5

## 5.3.1.1.1.1.3 Test RB = RB3#2

## 5.3.1.1.1.1.4 Test RB = RB6#0

## 5.3.1.1.1.2 Test Channel = HCH

## 5.3.1.1.1.2.1 Test RB = RB1#0

## 5.3.1.1.1.2.2 Test RB = RB1#5
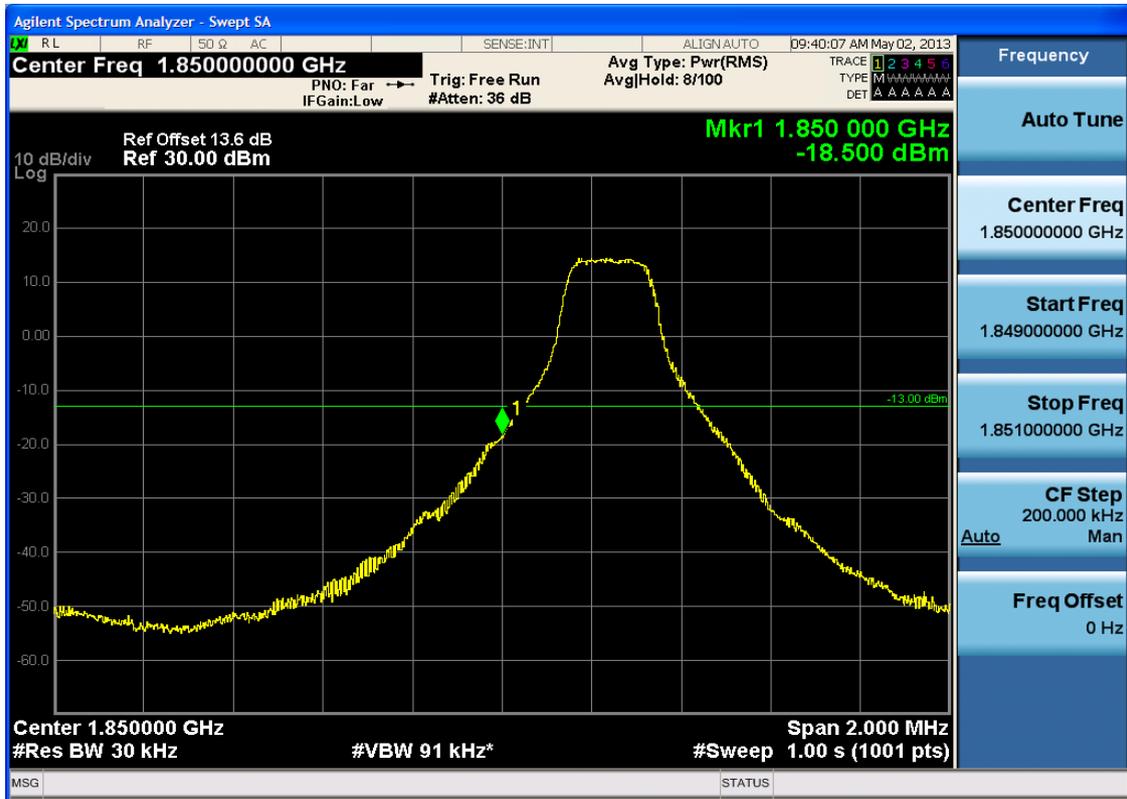
## 5.3.1.1.1.2.3 Test RB = RB3#2

## 5.3.1.1.1.2.4 Test RB = RB6#0
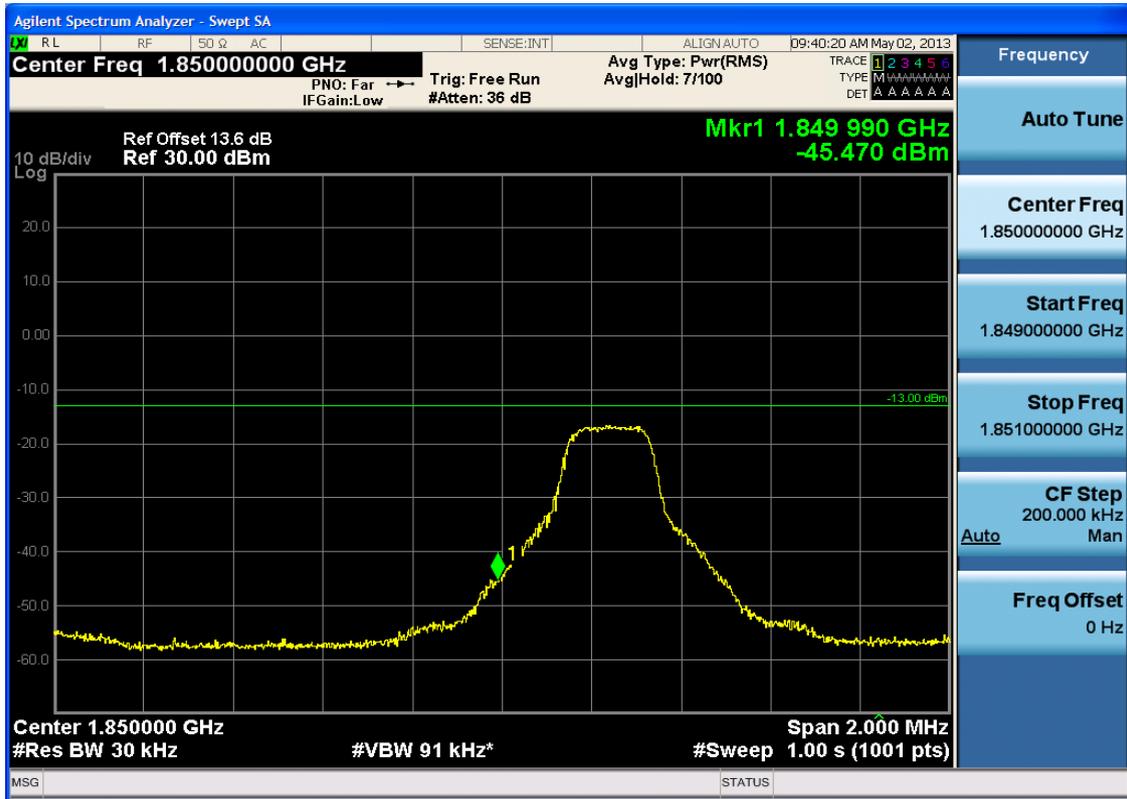
## 5.3.1.1.2 Test Bandwidth = 3

## 5.3.1.1.2.1 Test Channel = LCH

## 5.3.1.1.2.1.1 Test RB = RB1#0

## 5.3.1.1.2.1.2 Test RB = RB1#14

## 5.3.1.1.2.1.3 Test RB = RB8#4