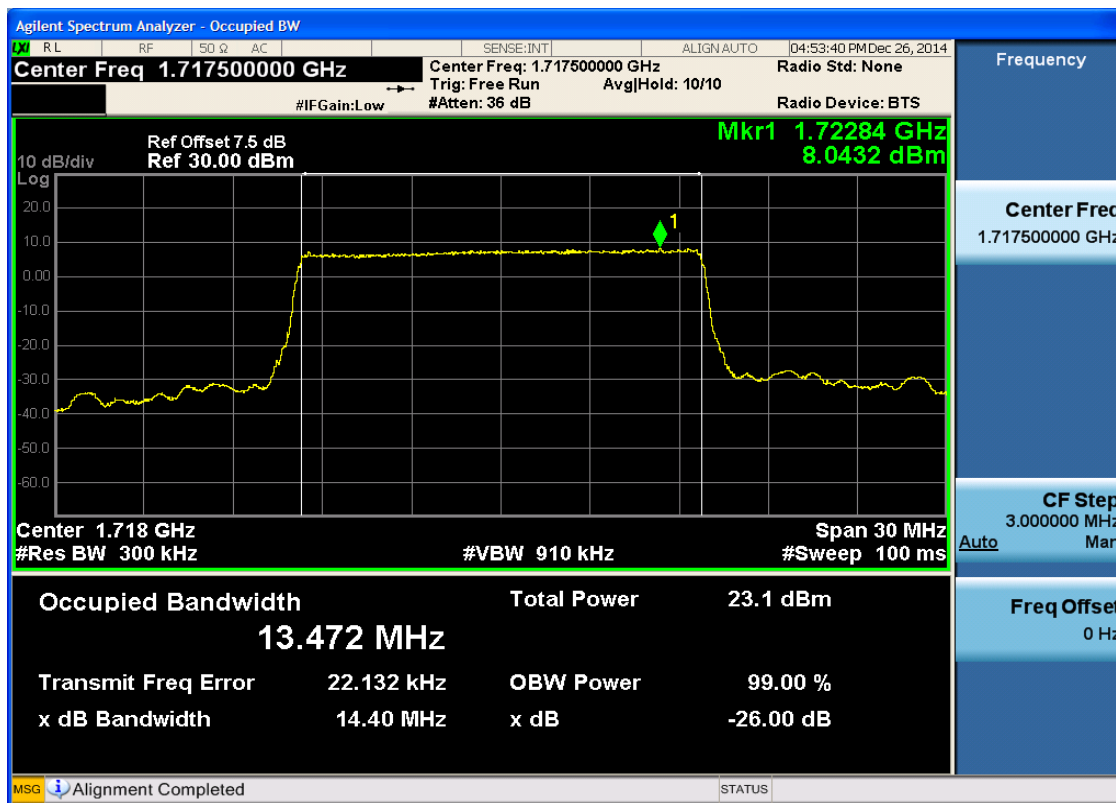


4.3.2.1.3 Test Bandwidth = 15

4.3.2.1.3.1 Test Channel = LCH

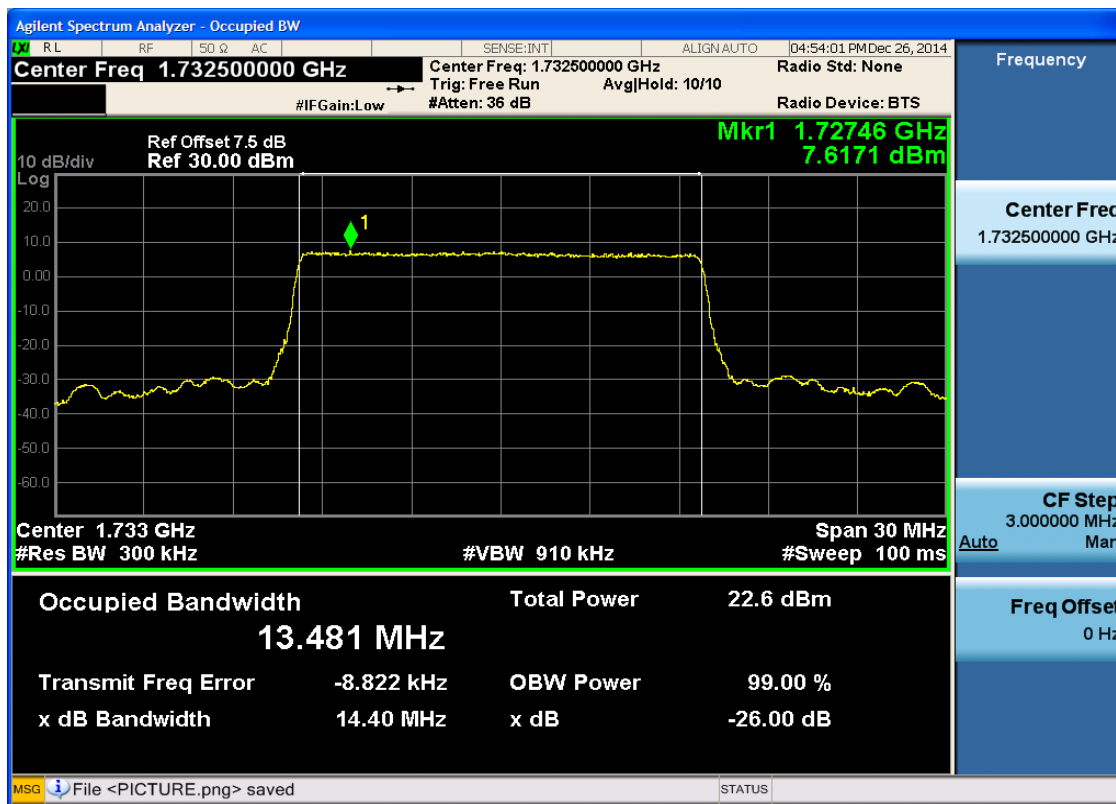
4.3.2.1.3.1.1 Test RB = RB75#0





4.3.2.1.3.2 Test Channel = MCH

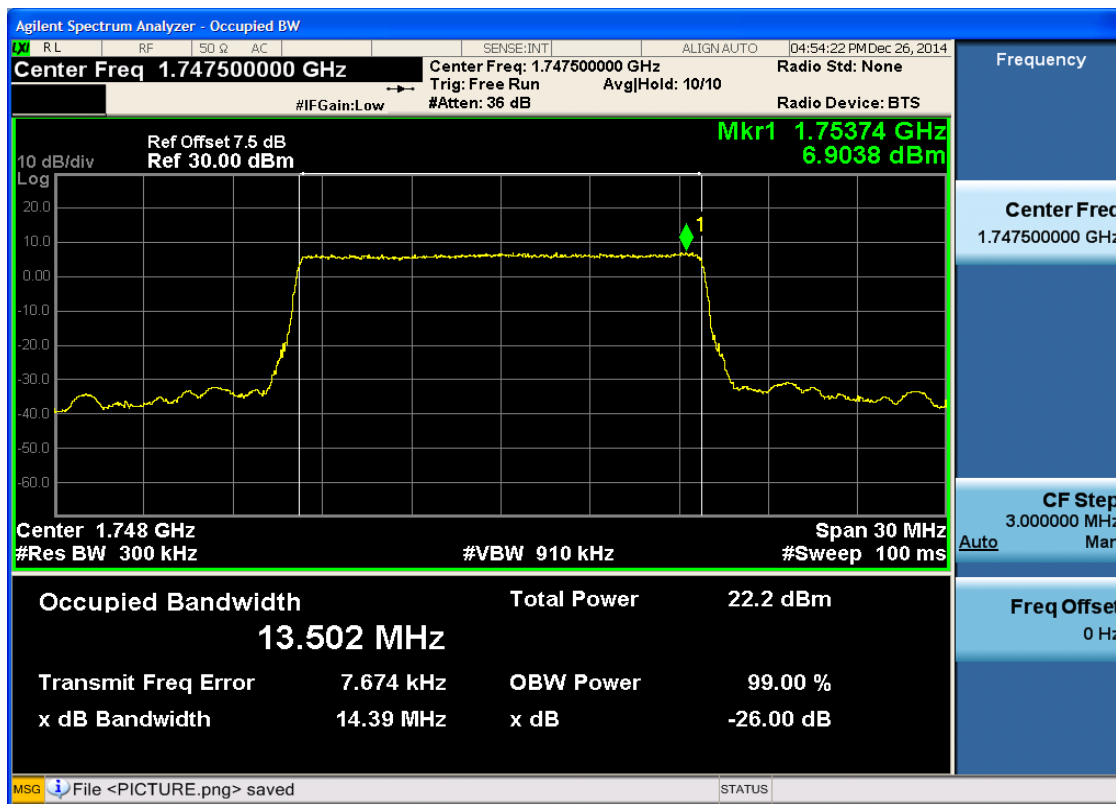
4.3.2.1.3.2.1 Test RB = RB75#0





4.3.2.1.3.3 Test Channel = HCH

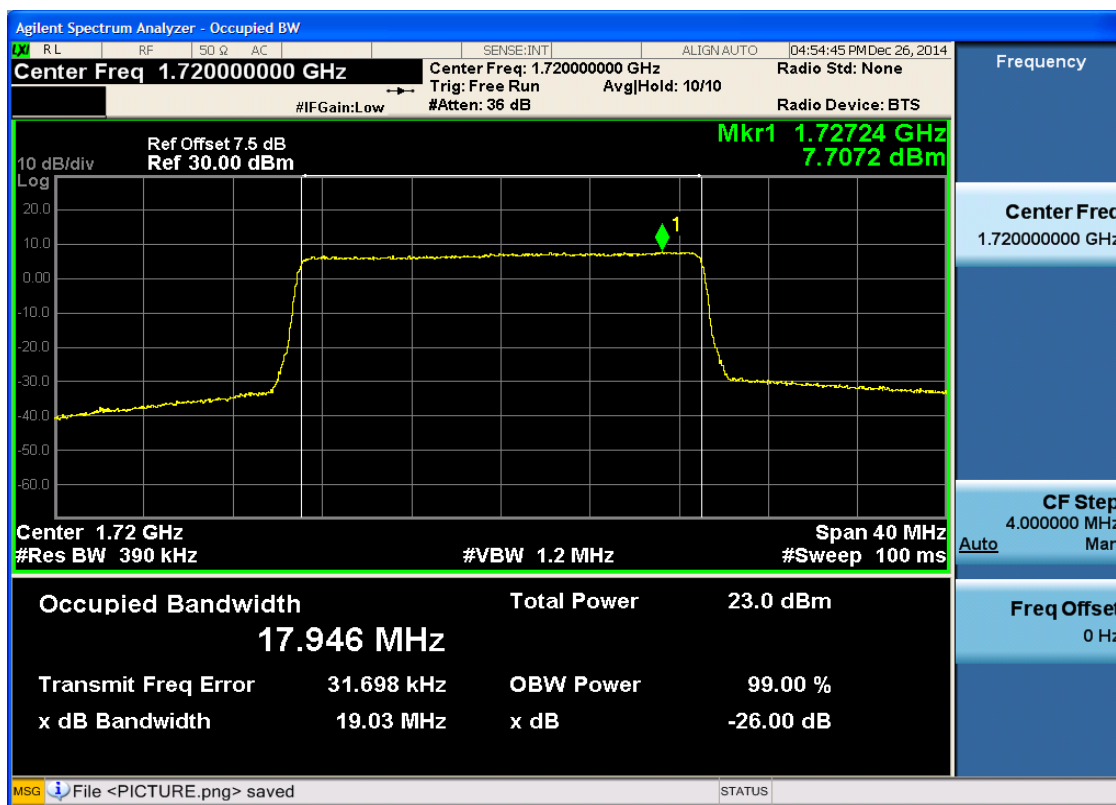
4.3.2.1.3.3.1 Test RB = RB75#0



4.3.2.1.4 Test Bandwidth = 20

4.3.2.1.4.1 Test Channel = LCH

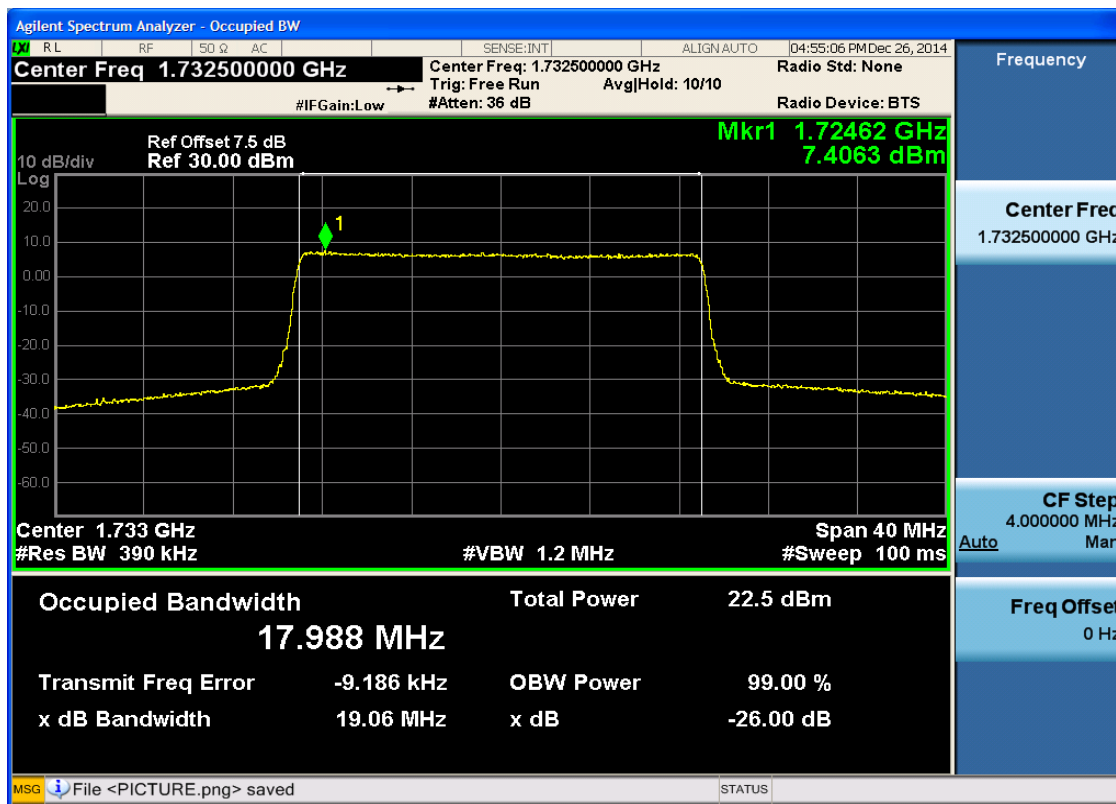
4.3.2.1.4.1.1 Test RB = RB100#0





4.3.2.1.4.2 Test Channel = MCH

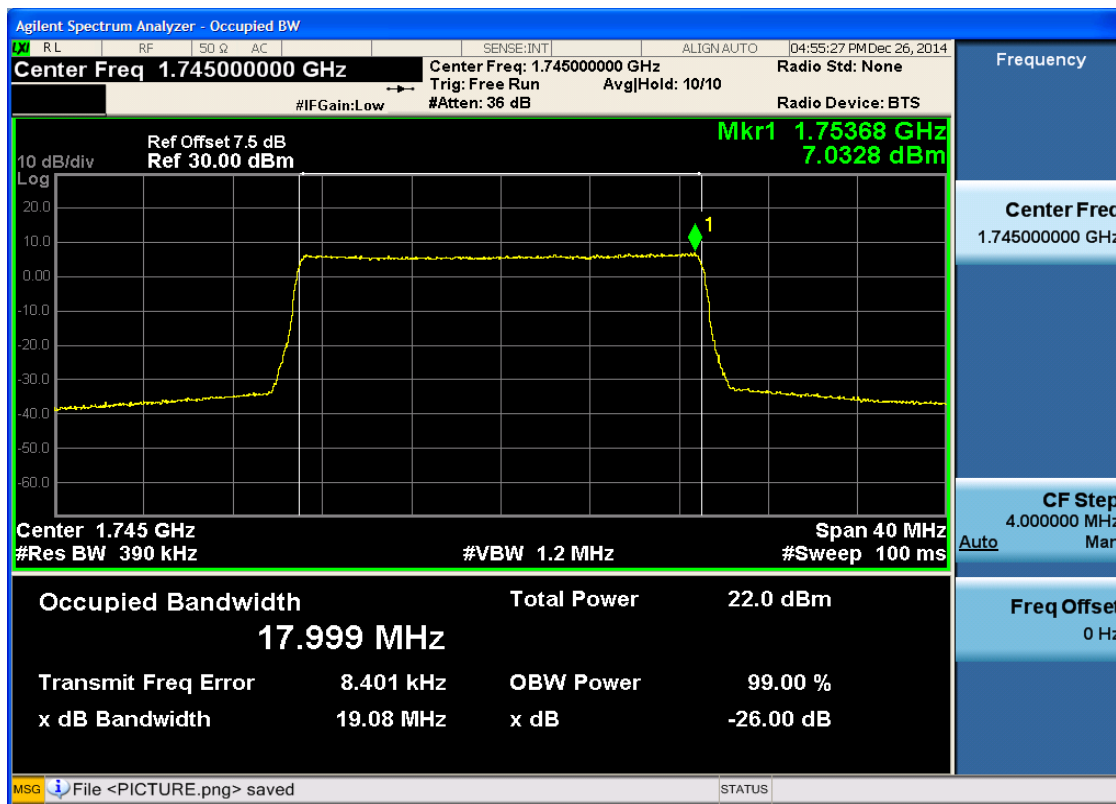
4.3.2.1.4.2.1 Test RB = RB100#0





4.3.2.1.4.3 Test Channel = HCH

4.3.2.1.4.3.1 Test RB = RB100#0

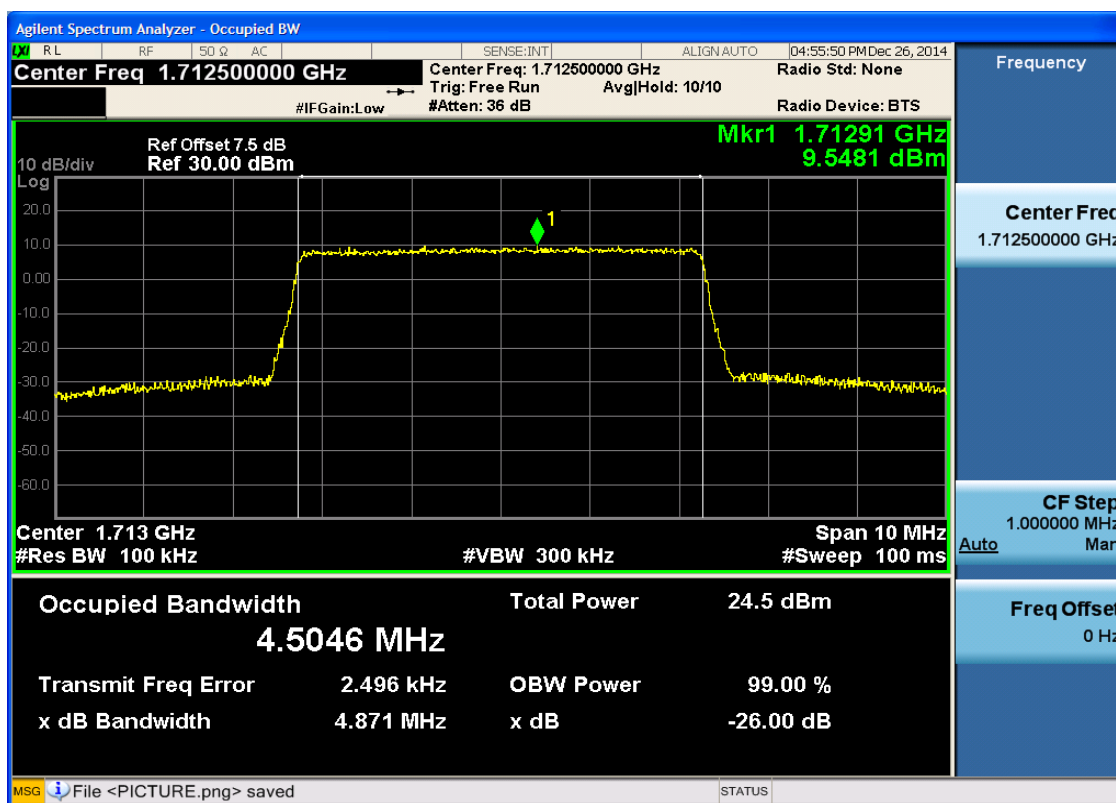


4.3.2.2 Test Mode = LTE/TM2

4.3.2.2.1 Test Bandwidth = 5

4.3.2.2.1.1 Test Channel = LCH

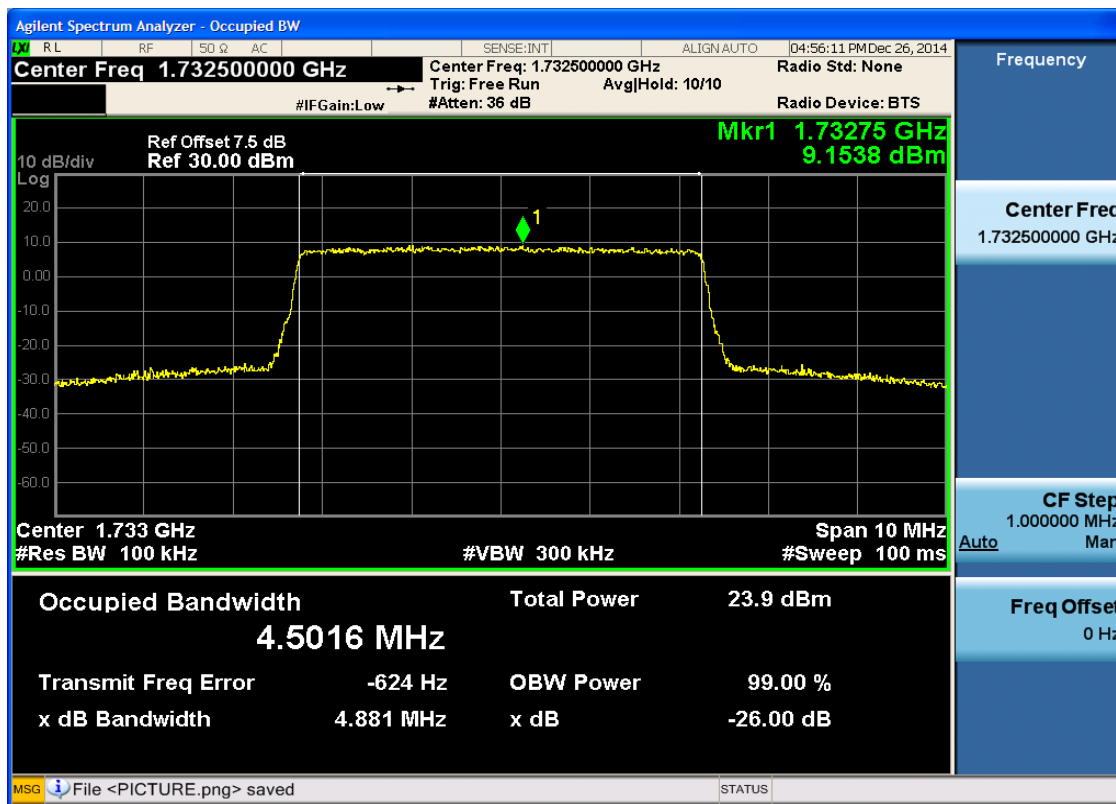
4.3.2.2.1.1.1 Test RB = RB25#0





4.3.2.2.1.2 Test Channel = MCH

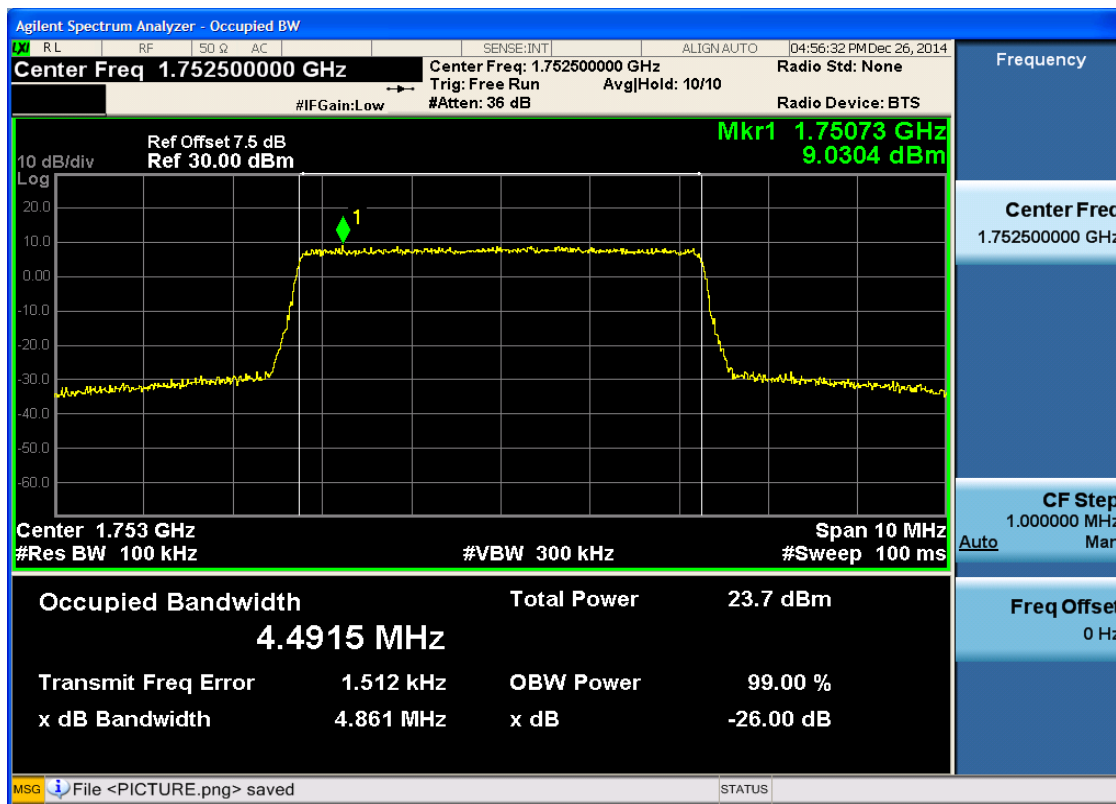
4.3.2.2.1.2.1 Test RB = RB25#0





4.3.2.2.1.3 Test Channel = HCH

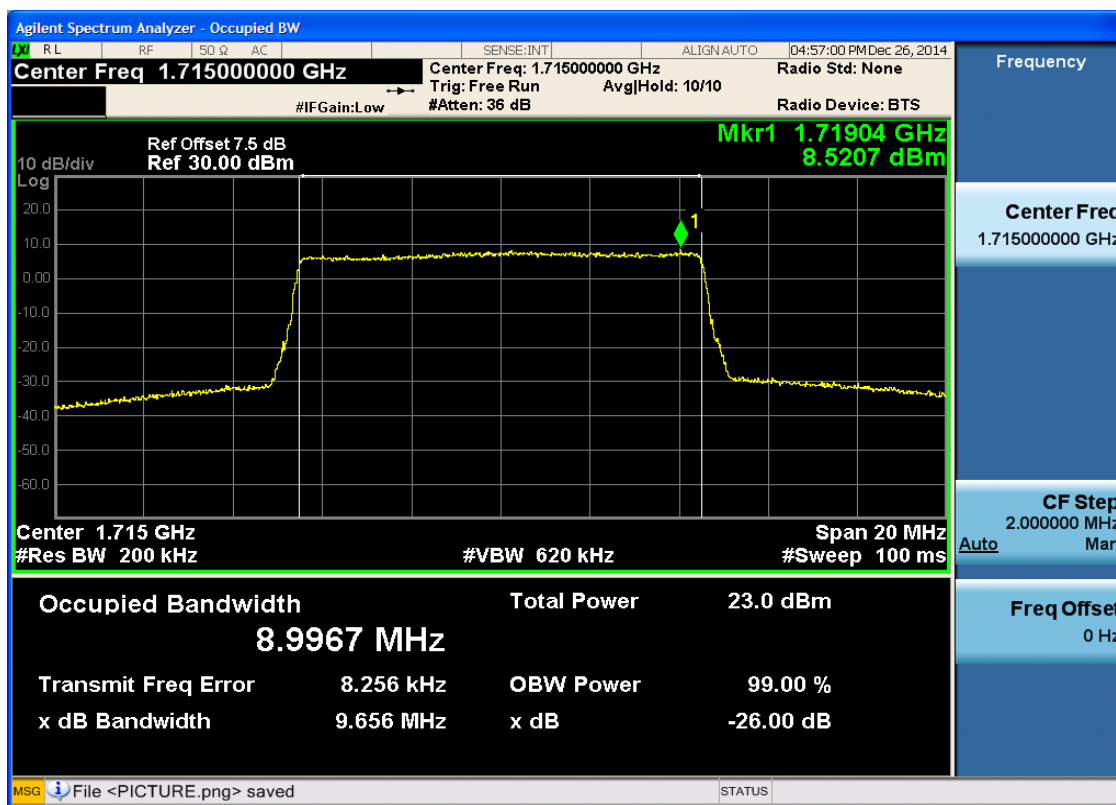
4.3.2.2.1.3.1 Test RB = RB25#0



4.3.2.2.2 Test Bandwidth = 10

4.3.2.2.2.1 Test Channel = LCH

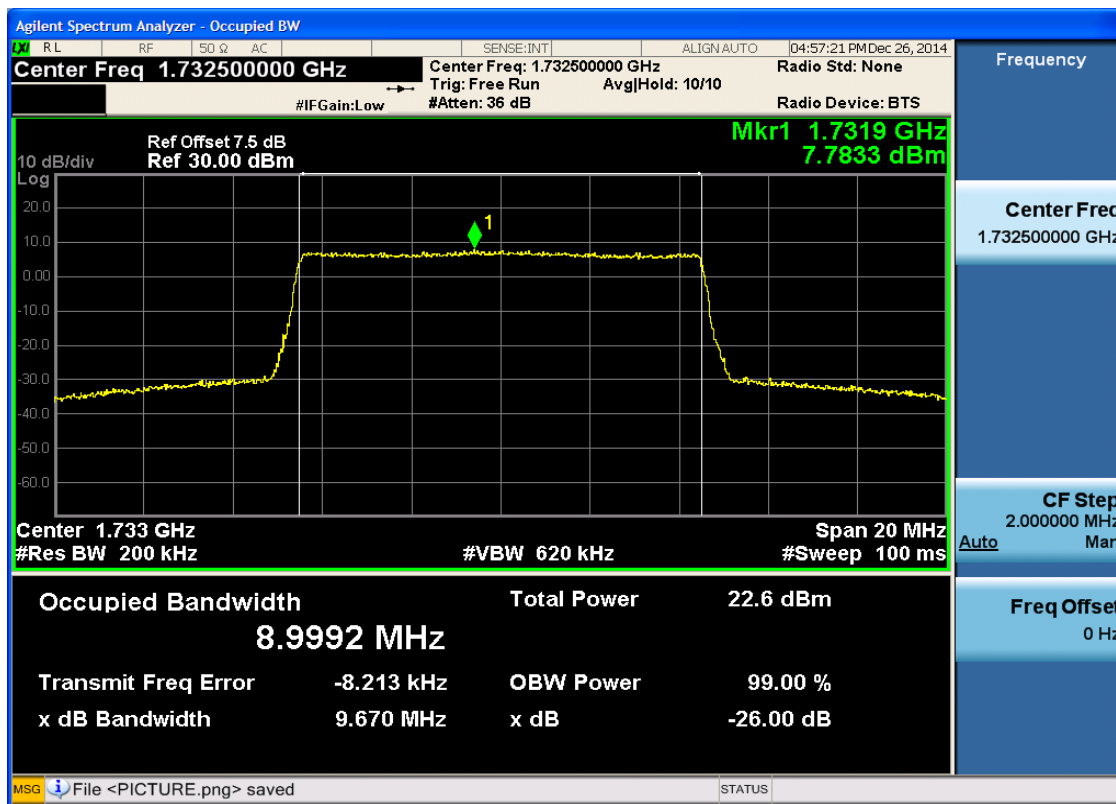
4.3.2.2.2.1.1 Test RB = RB50#0





4.3.2.2.2 Test Channel = MCH

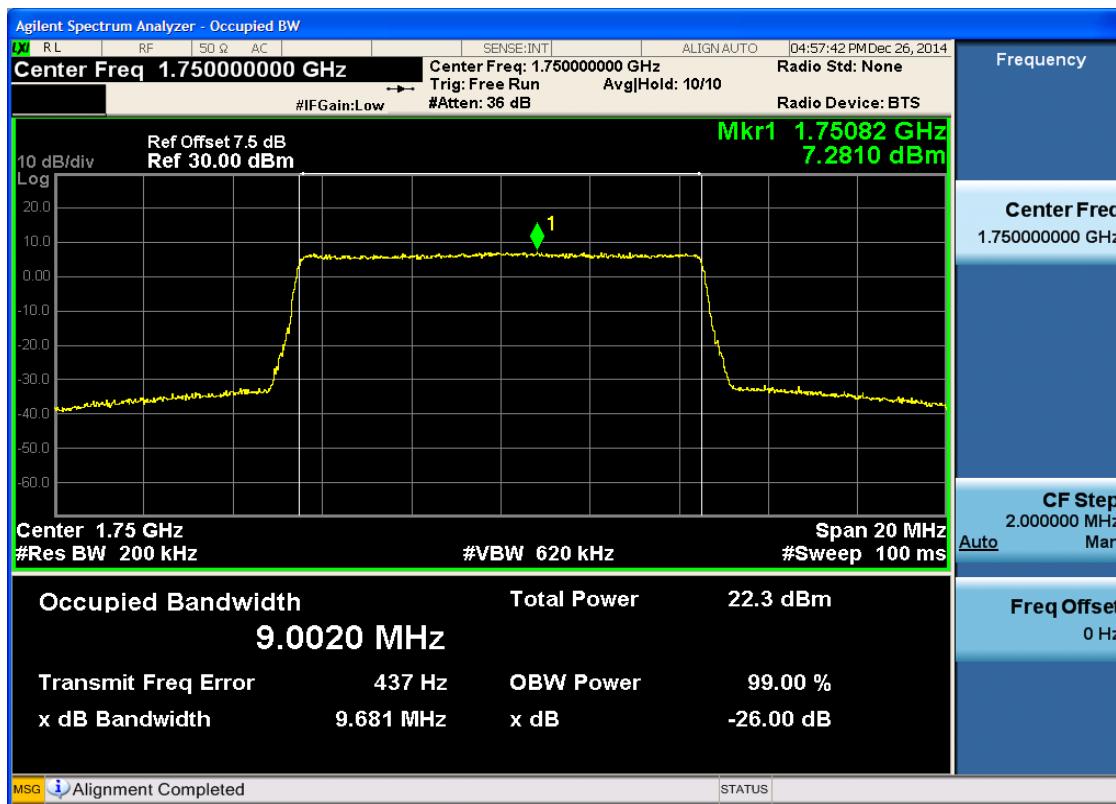
4.3.2.2.2.1 Test RB = RB50#0





4.3.2.2.2.3 Test Channel = HCH

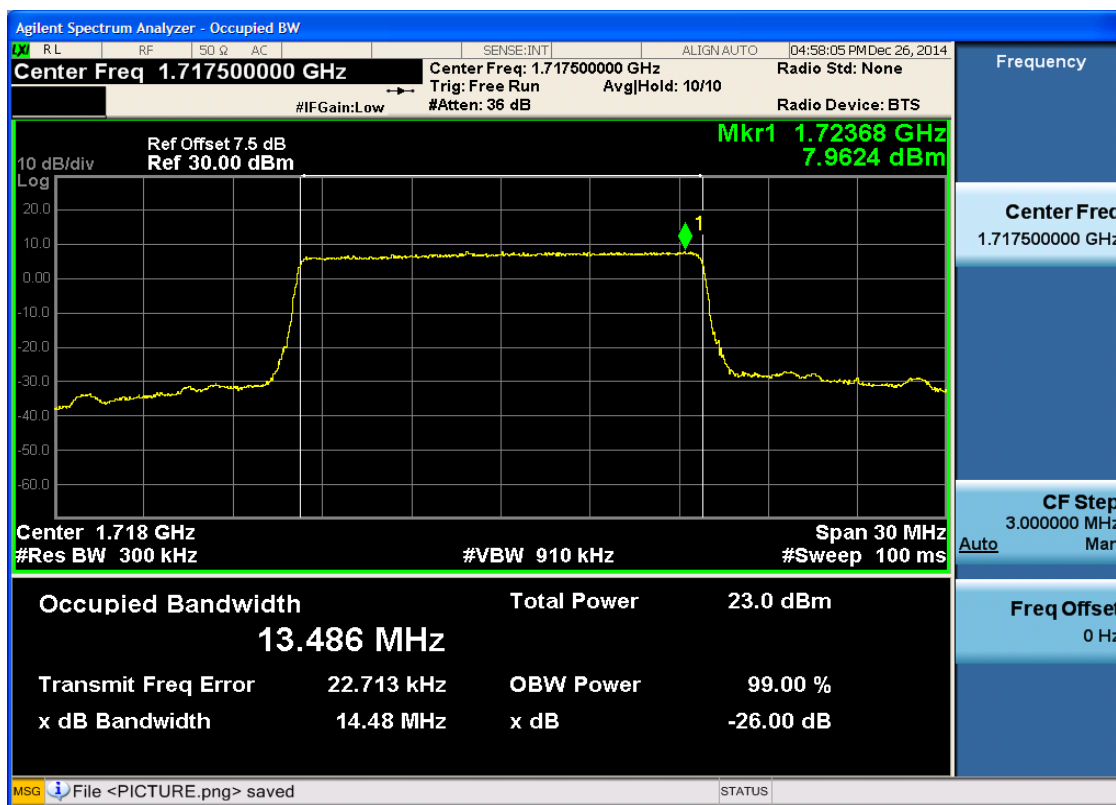
4.3.2.2.2.3.1 Test RB = RB50#0



4.3.2.2.3 Test Bandwidth = 15

4.3.2.2.3.1 Test Channel = LCH

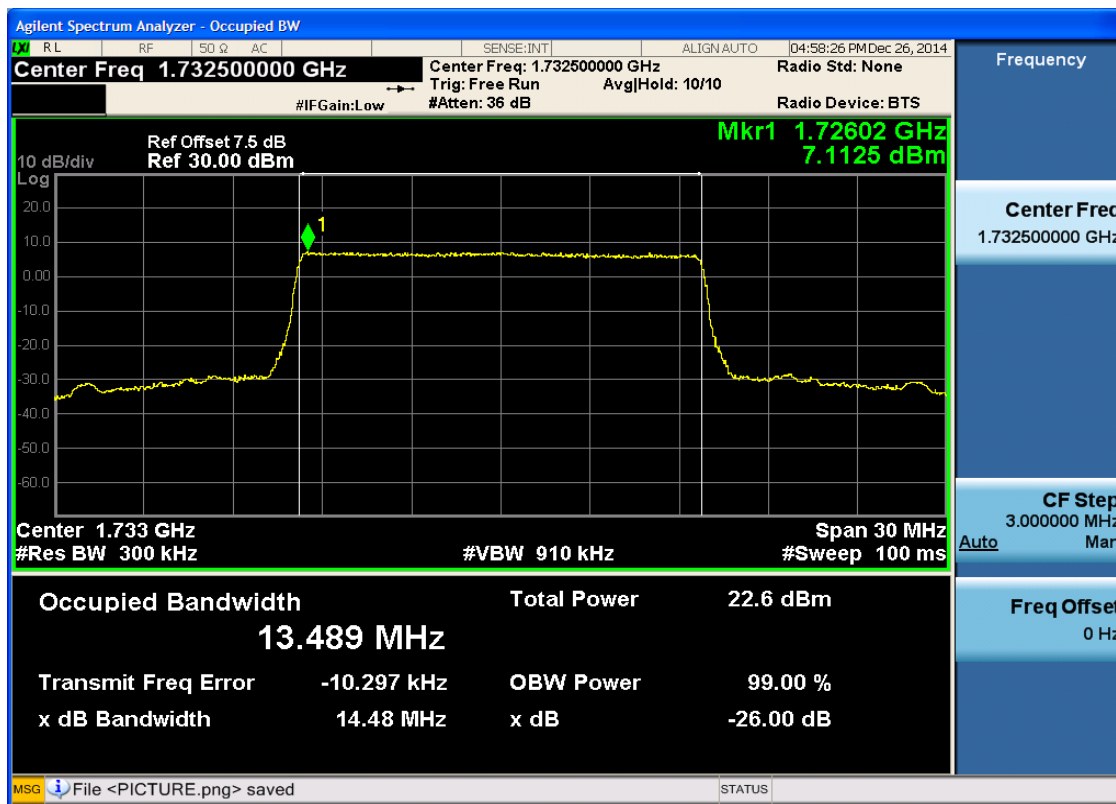
4.3.2.2.3.1.1 Test RB = RB75#0





4.3.2.2.3.2 Test Channel = MCH

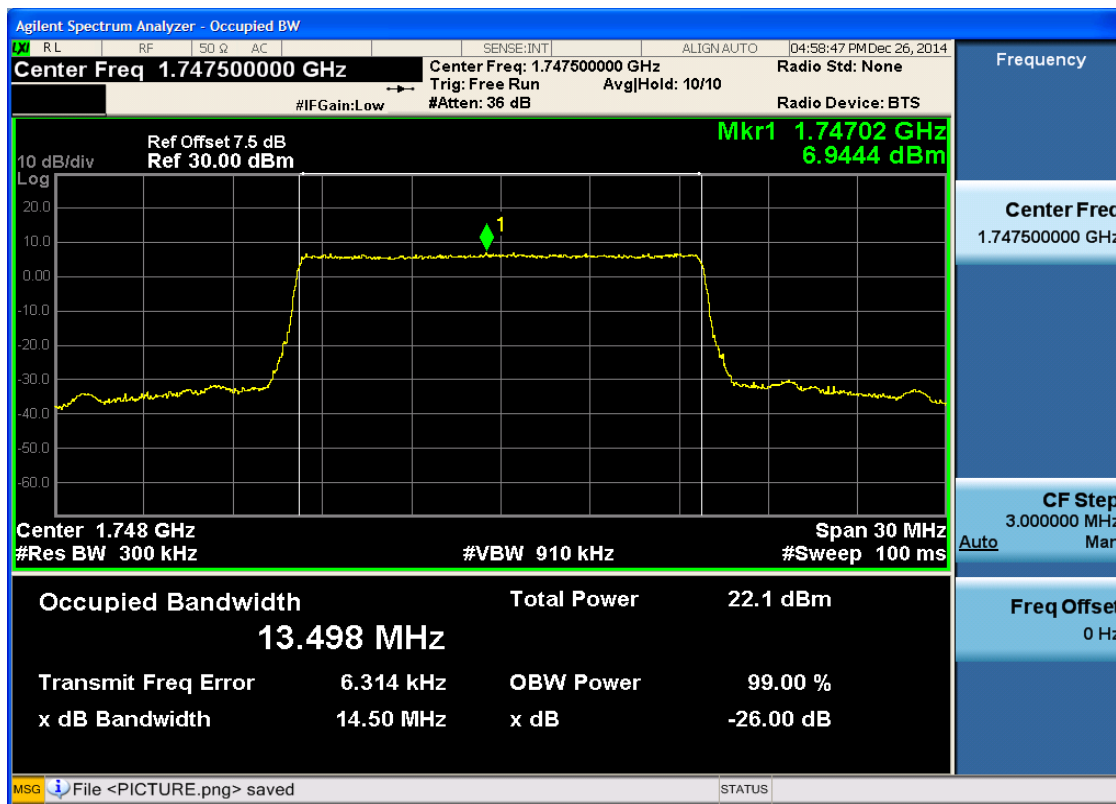
4.3.2.2.3.2.1 Test RB = RB75#0





4.3.2.2.3.3 Test Channel = HCH

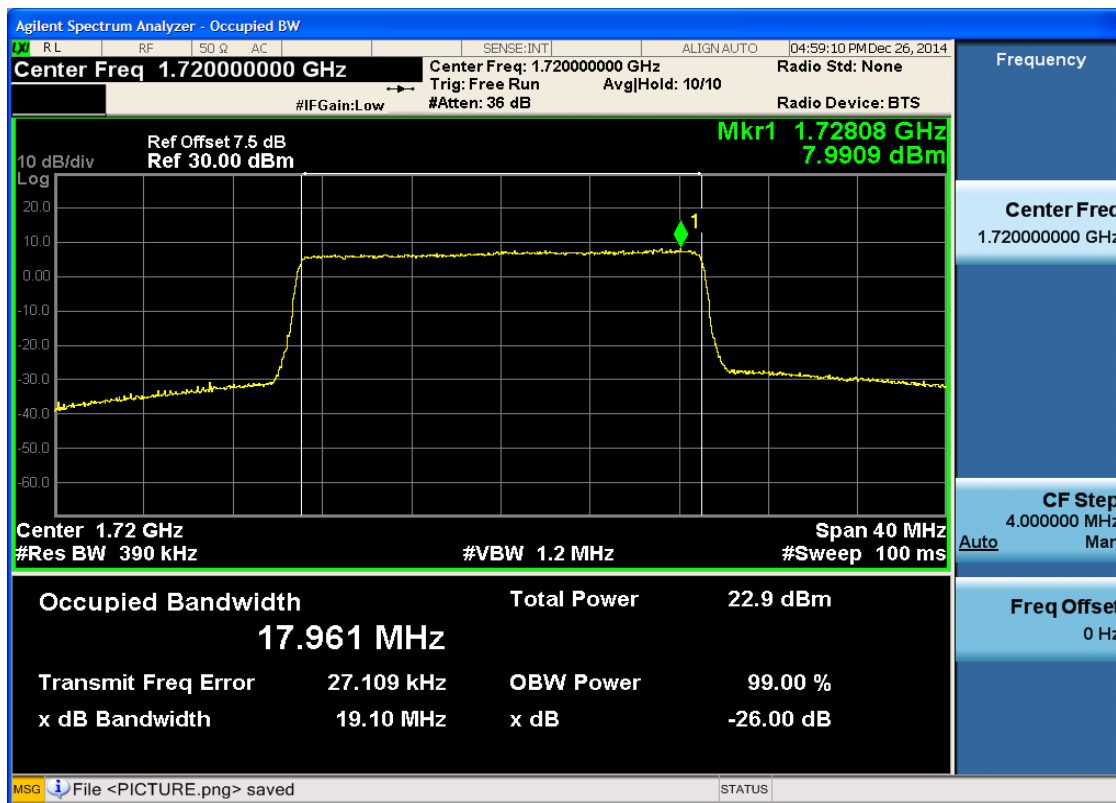
4.3.2.2.3.3.1 Test RB = RB75#0



4.3.2.2.4 Test Bandwidth = 20

4.3.2.2.4.1 Test Channel = LCH

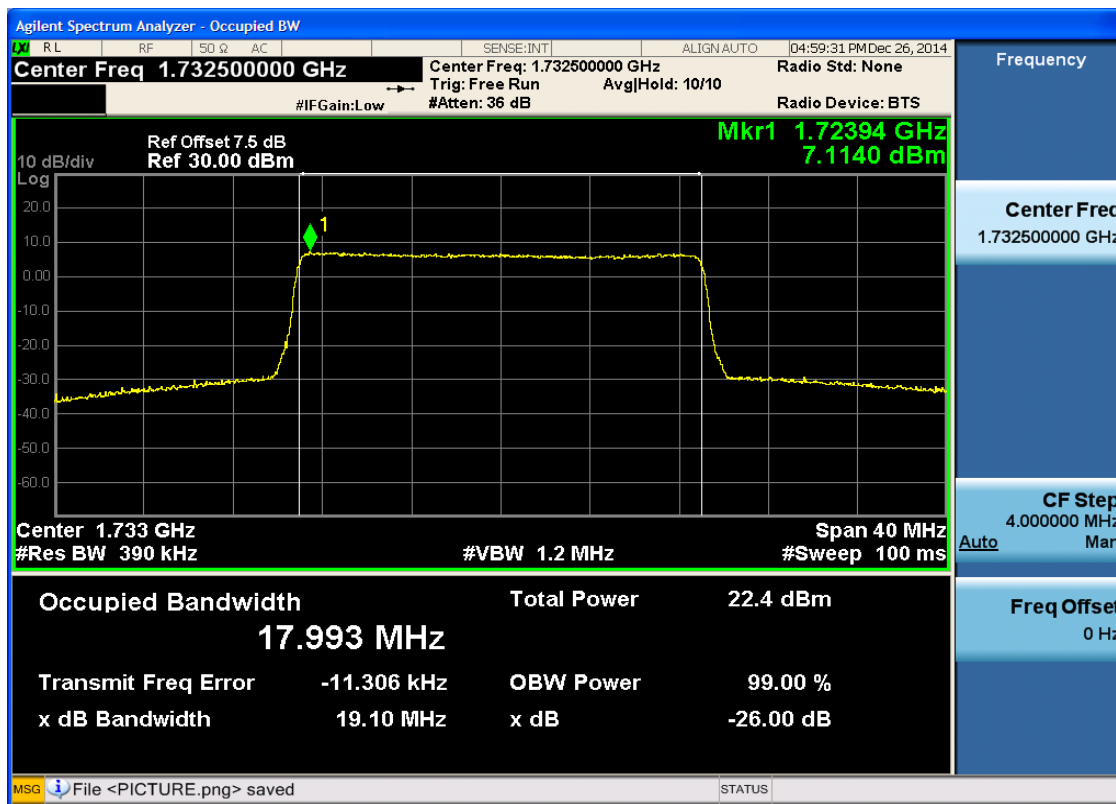
4.3.2.2.4.1.1 Test RB = RB100#0





4.3.2.2.4.2 Test Channel = MCH

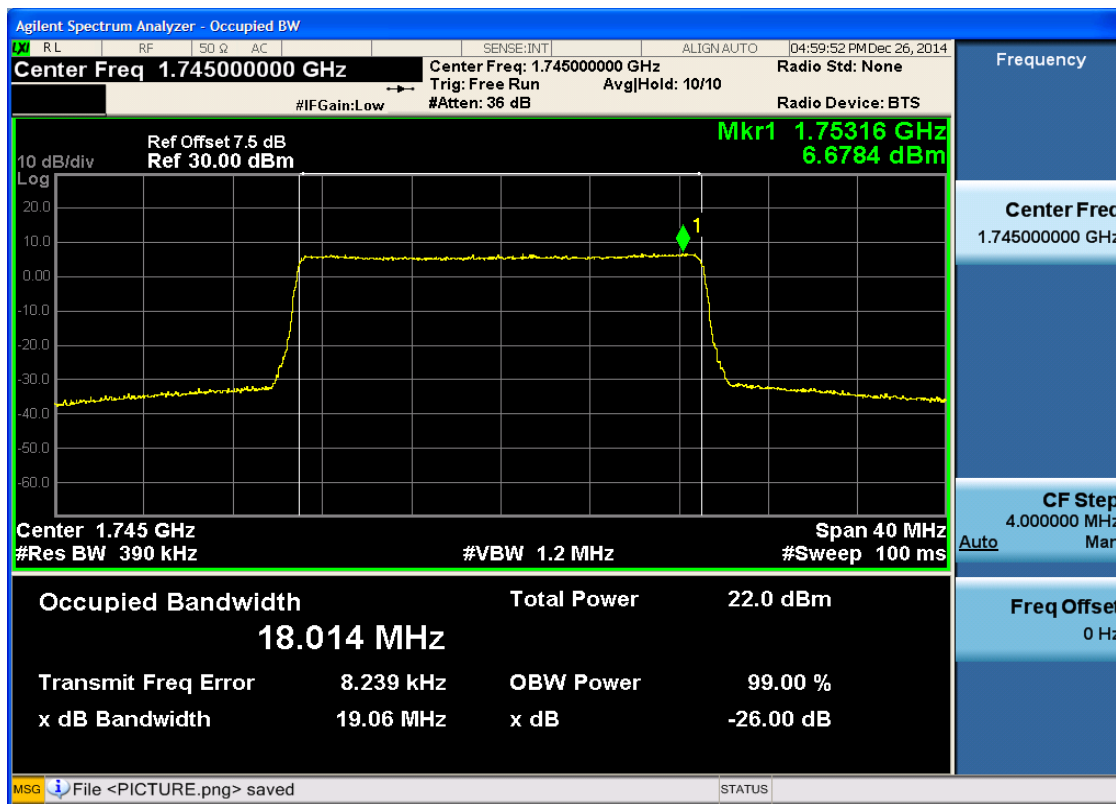
4.3.2.2.4.2.1 Test RB = RB100#0

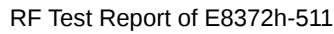




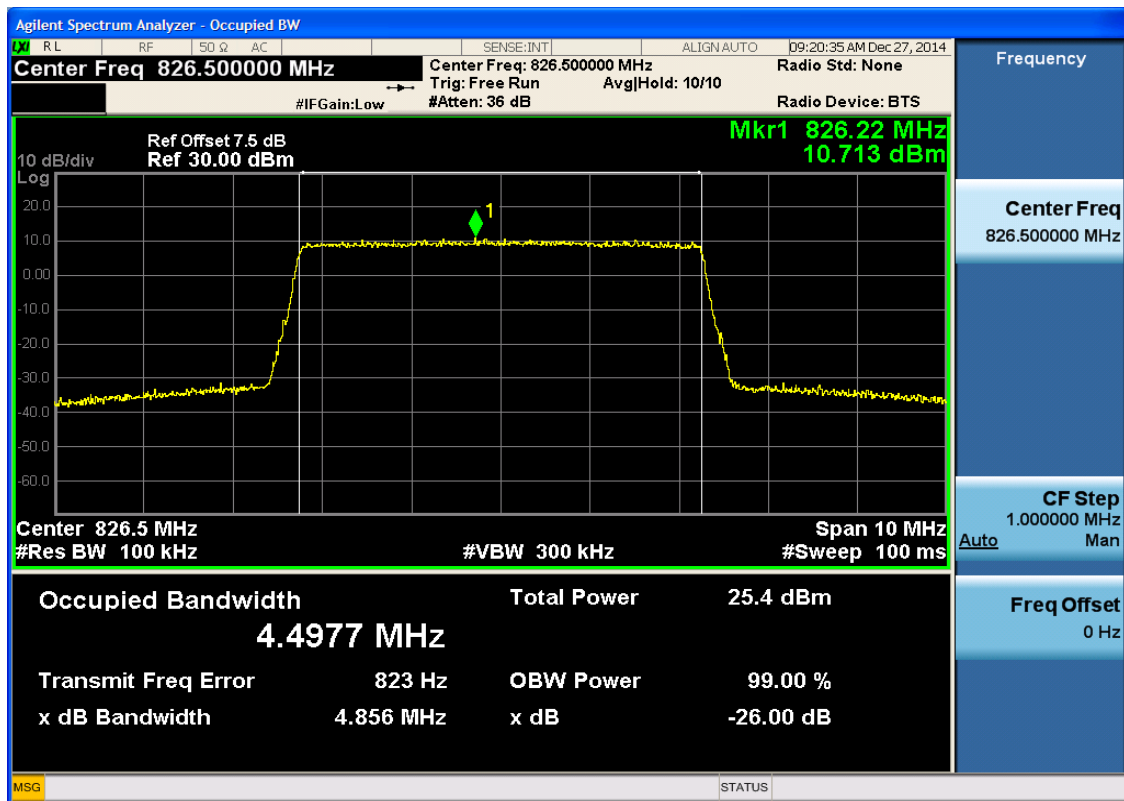
4.3.2.2.4.3 Test Channel = HCH

4.3.2.2.4.3.1 Test RB = RB100#0





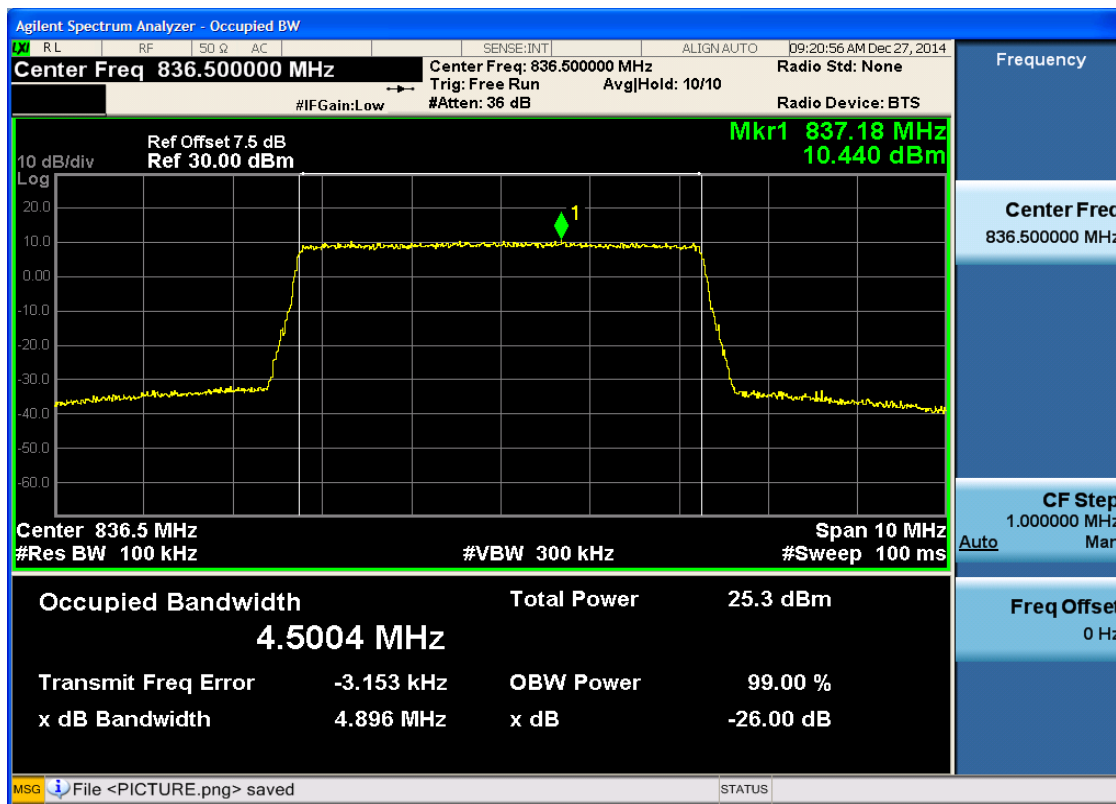
4.3.3.1.1.1.1 Test RB = RB25#0





4.3.3.1.1.2 Test Channel = MCH

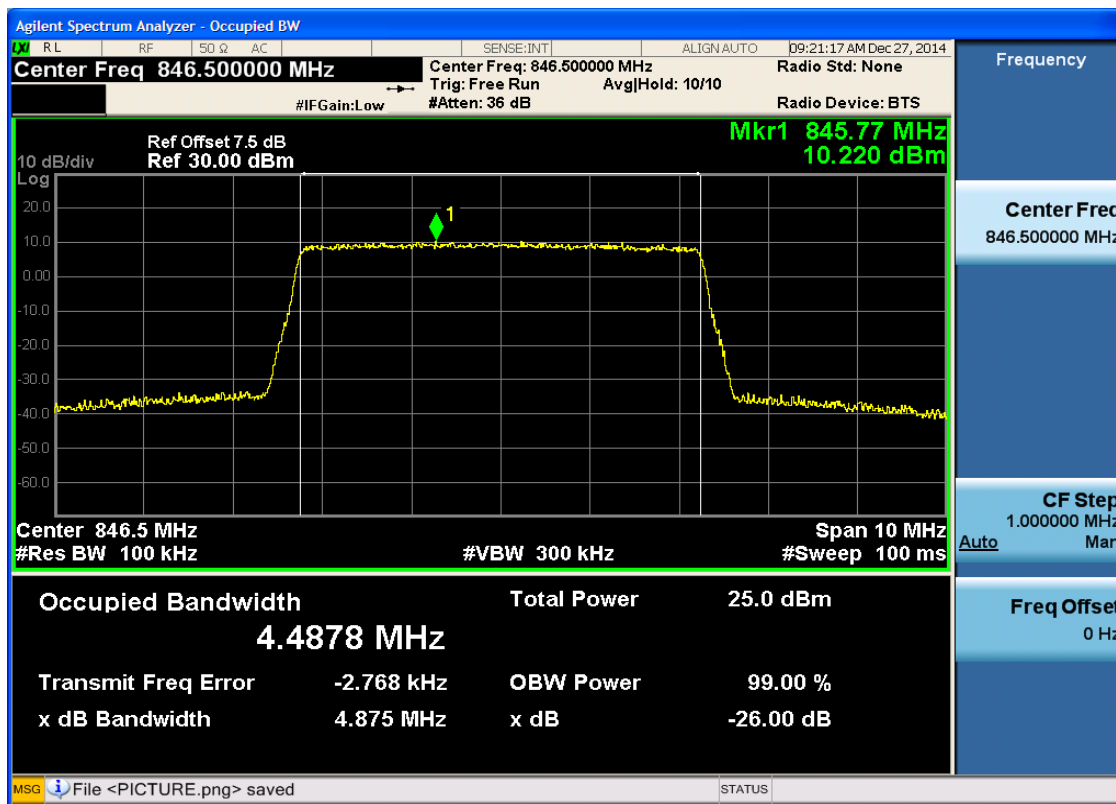
4.3.3.1.1.2.1 Test RB = RB25#0





4.3.3.1.1.3 Test Channel = HCH

4.3.3.1.1.3.1 Test RB = RB25#0

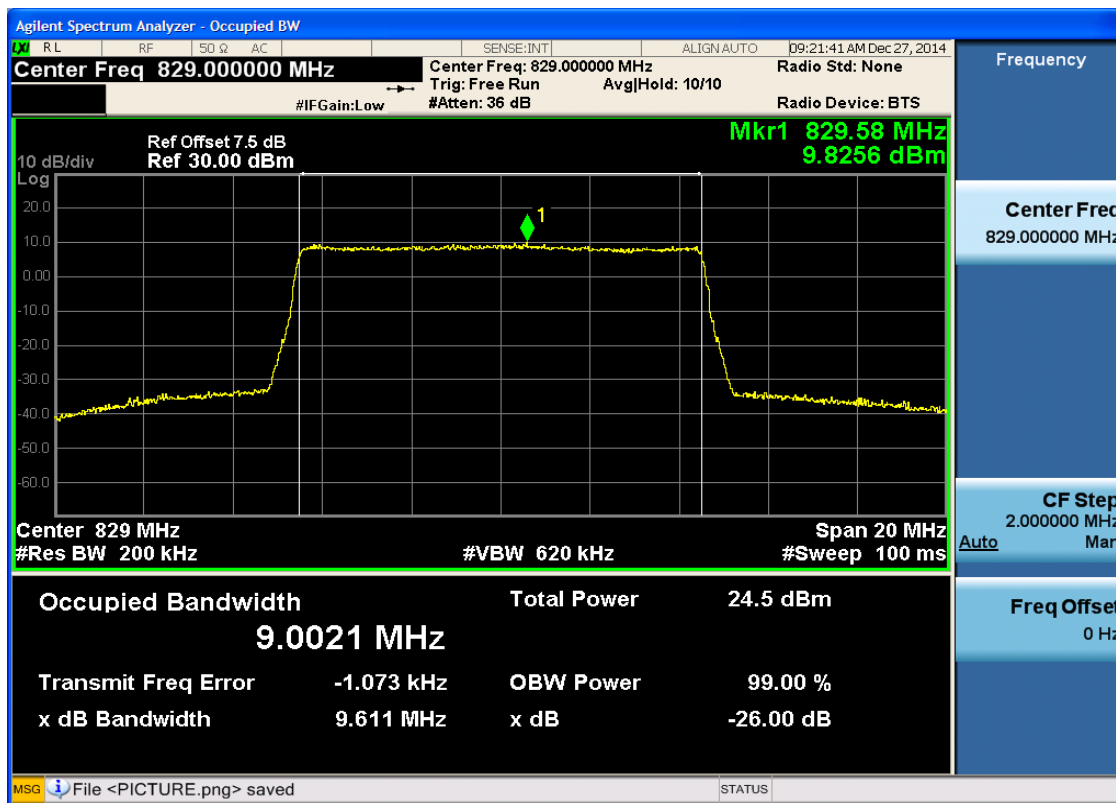




4.3.3.1.2 Test Bandwidth = 10

4.3.3.1.2.1 Test Channel = LCH

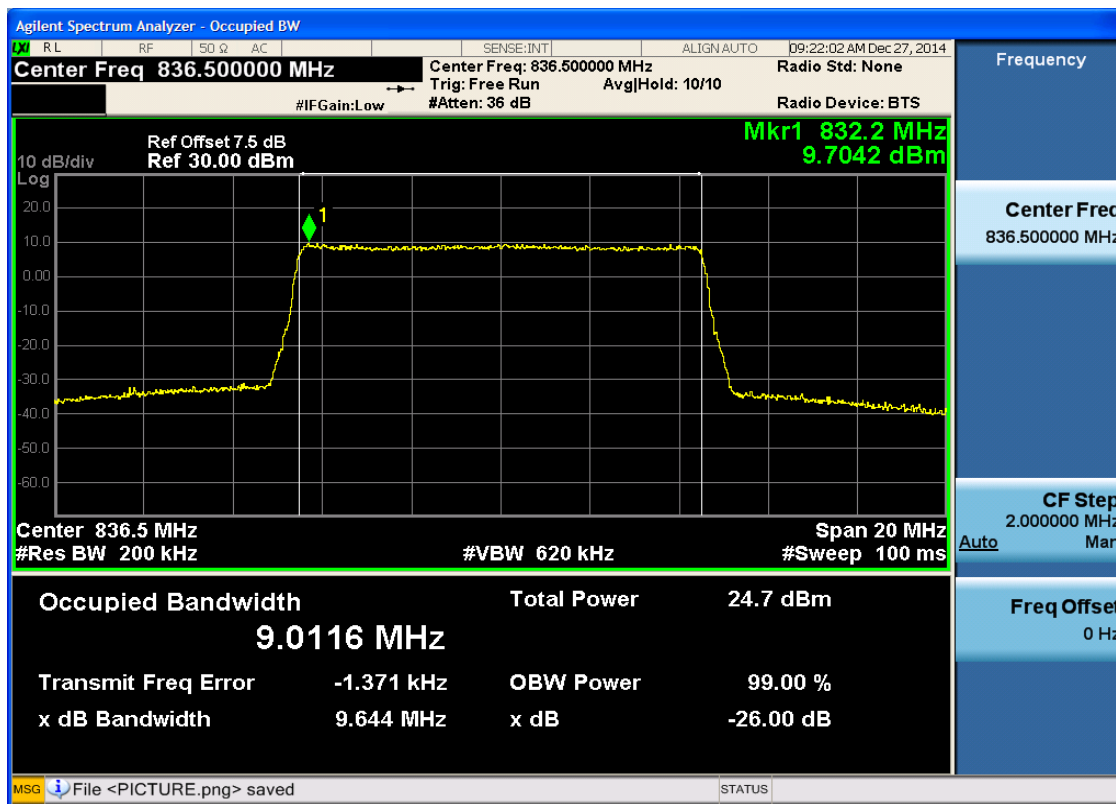
4.3.3.1.2.1.1 Test RB = RB50#0





4.3.3.1.2.2 Test Channel = MCH

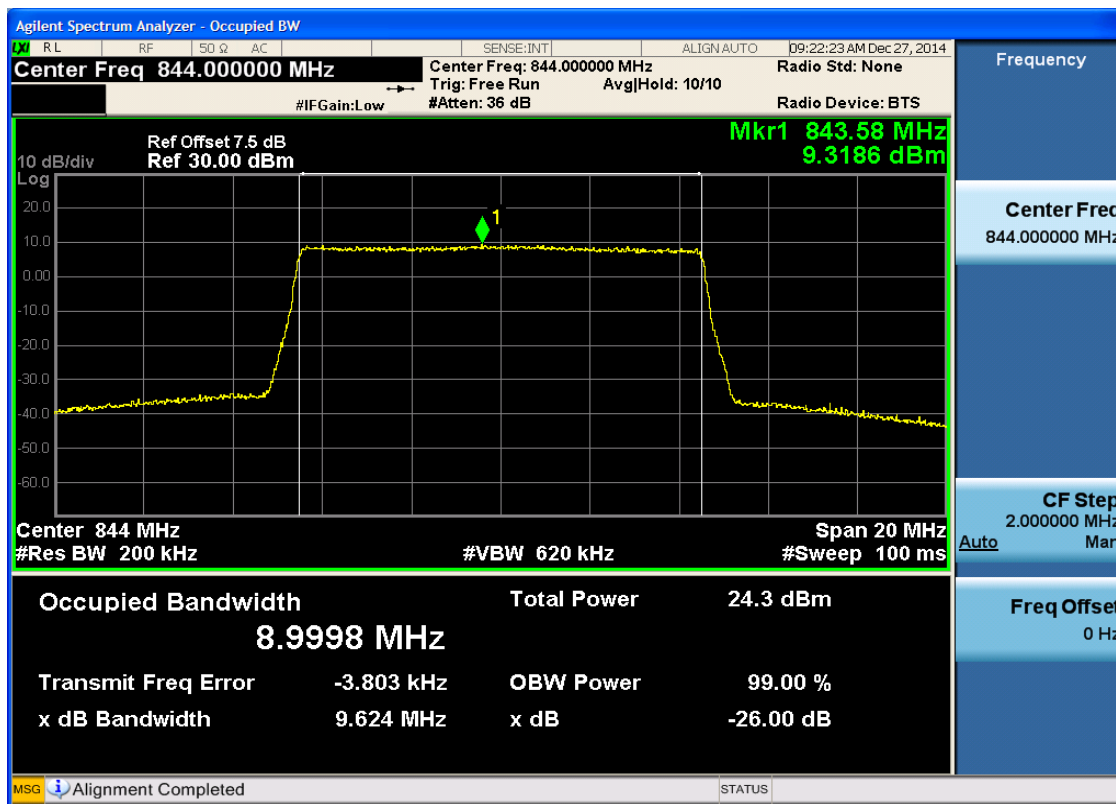
4.3.3.1.2.2.1 Test RB = RB50#0





4.3.3.1.2.3 Test Channel = HCH

4.3.3.1.2.3.1 Test RB = RB50#0

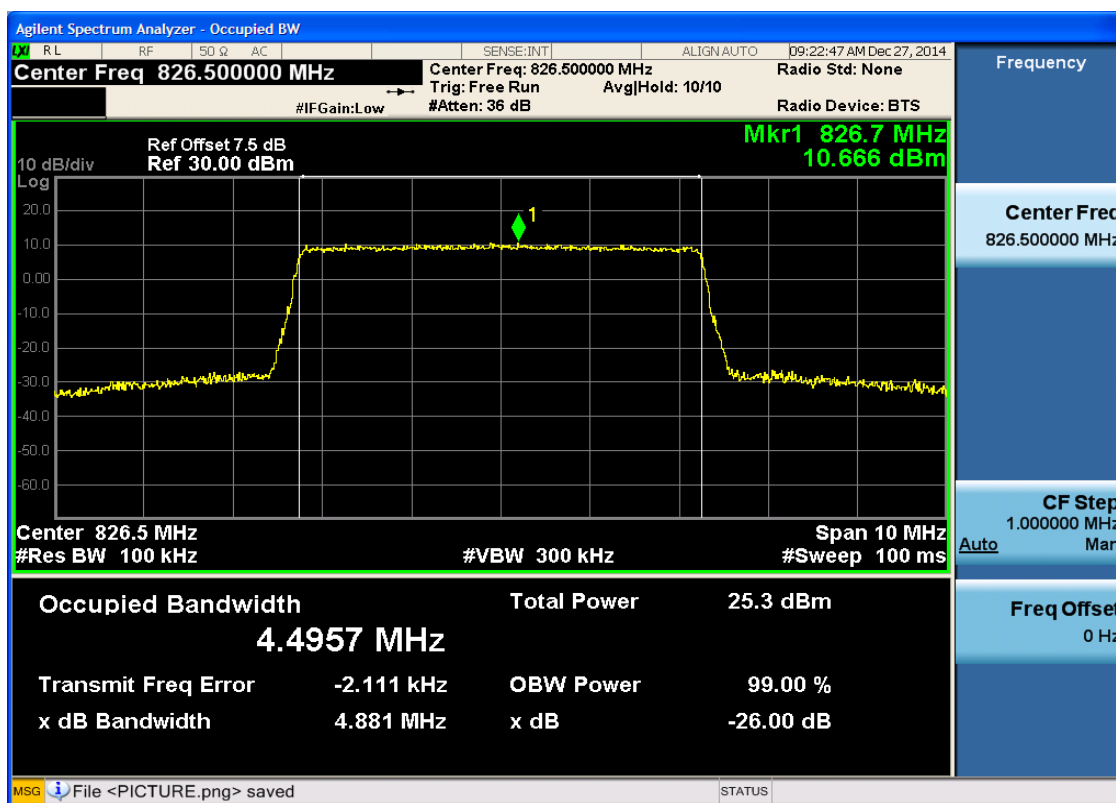


4.3.3.2 Test Mode = LTE/TM2

4.3.3.2.1 Test Bandwidth = 5

4.3.3.2.1.1 Test Channel = LCH

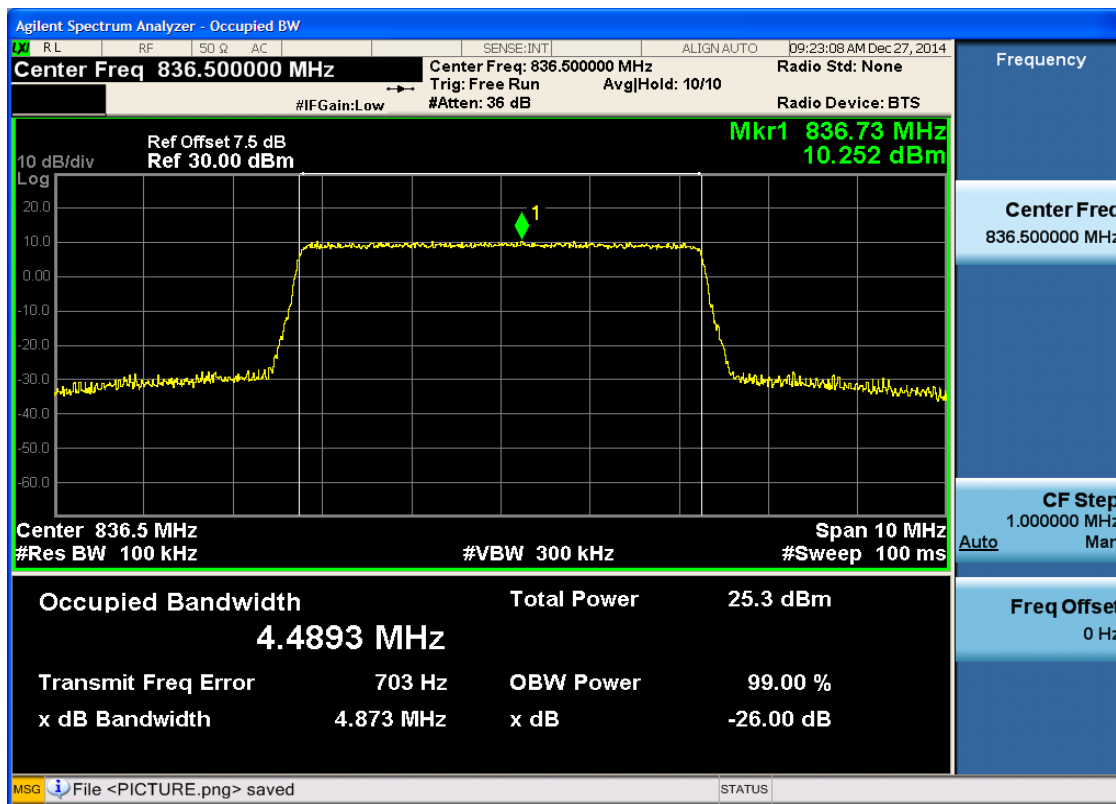
4.3.3.2.1.1.1 Test RB = RB25#0





4.3.3.2.1.2 Test Channel = MCH

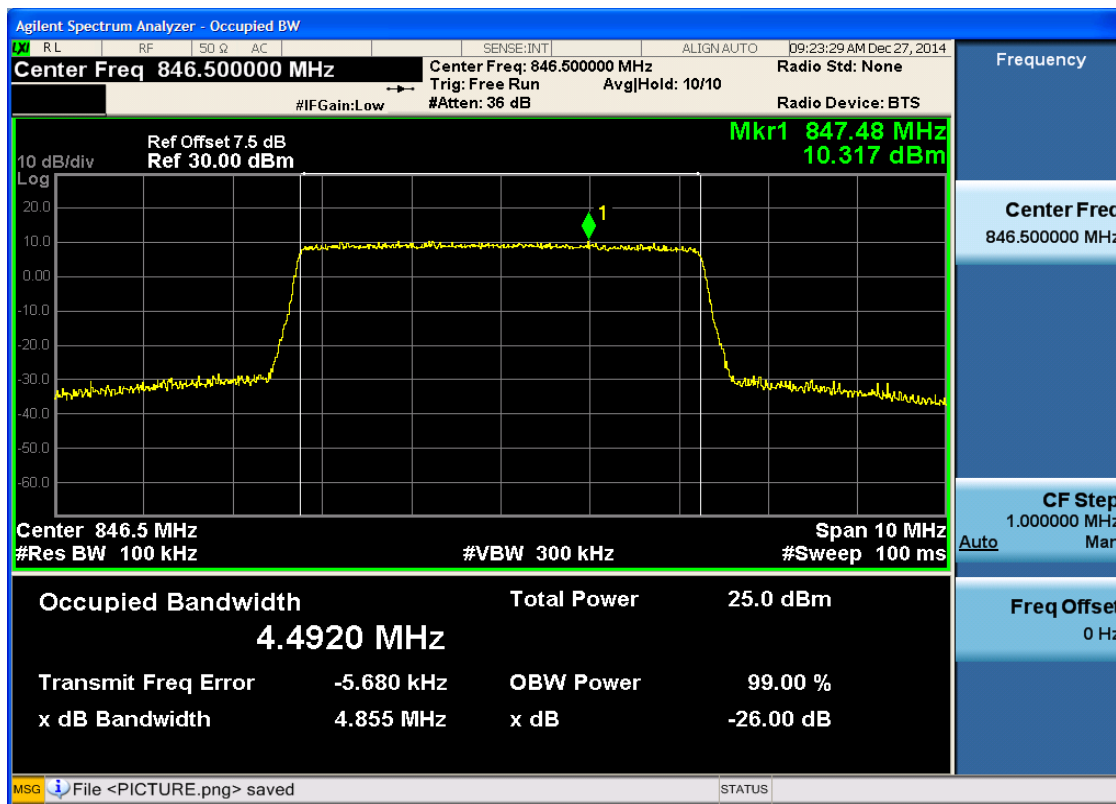
4.3.3.2.1.2.1 Test RB = RB25#0





4.3.3.2.1.3 Test Channel = HCH

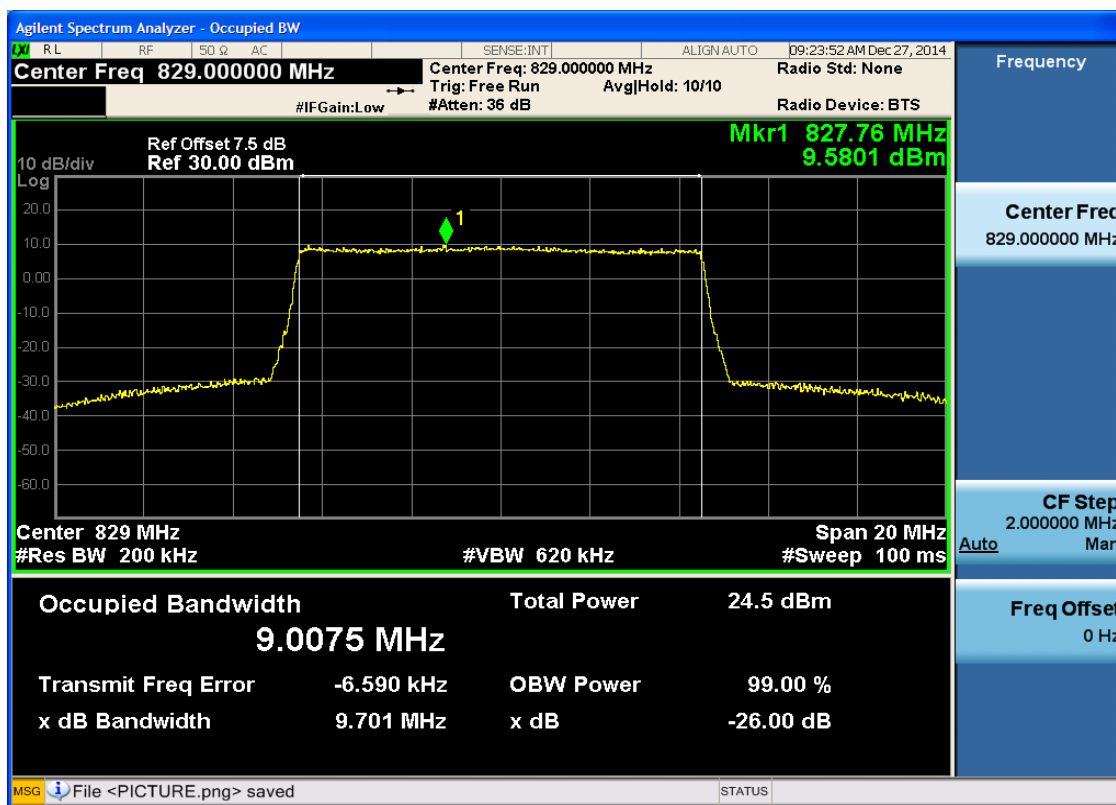
4.3.3.2.1.3.1 Test RB = RB25#0



4.3.3.2.2 Test Bandwidth = 10

4.3.3.2.2.1 Test Channel = LCH

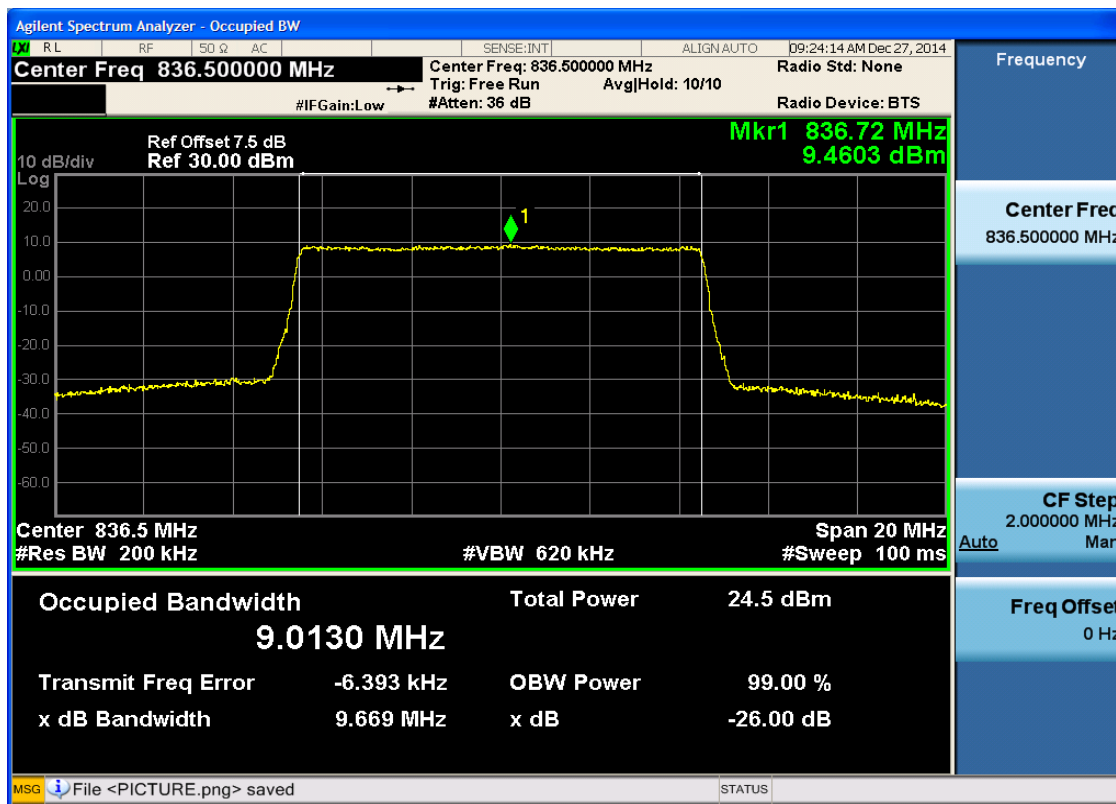
4.3.3.2.2.1.1 Test RB = RB50#0





4.3.3.2.2 Test Channel = MCH

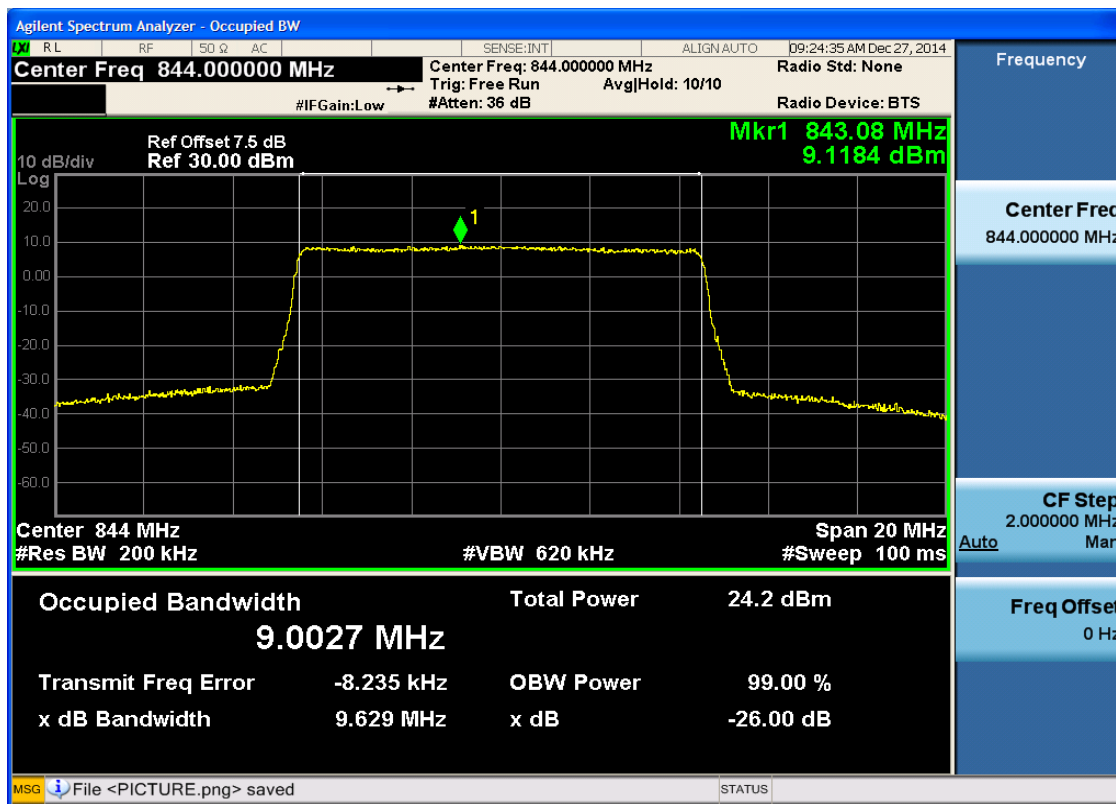
4.3.3.2.2.1 Test RB = RB50#0





4.3.3.2.2.3 Test Channel = HCH

4.3.3.2.2.3.1 Test RB = RB50#0



5Appendix_E: Band Edges Compliance

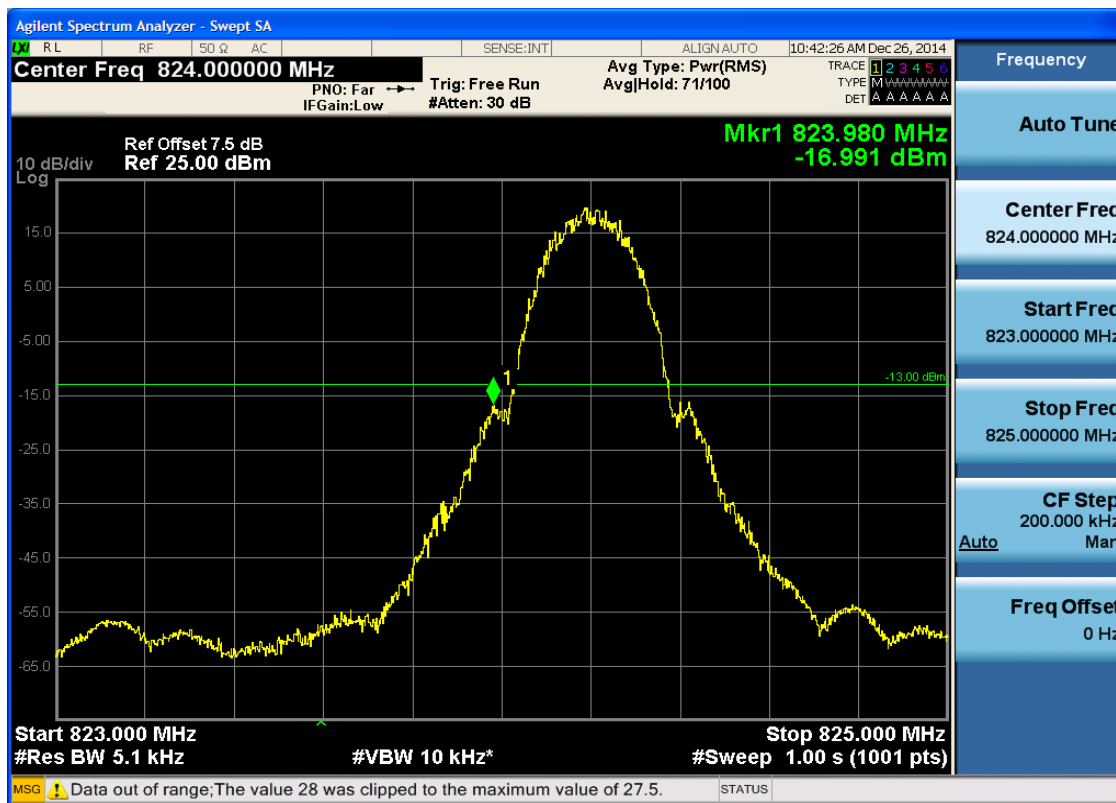
Part I - Test Plots

5.1 For GSM

5.1.1 Test Band = GSM850

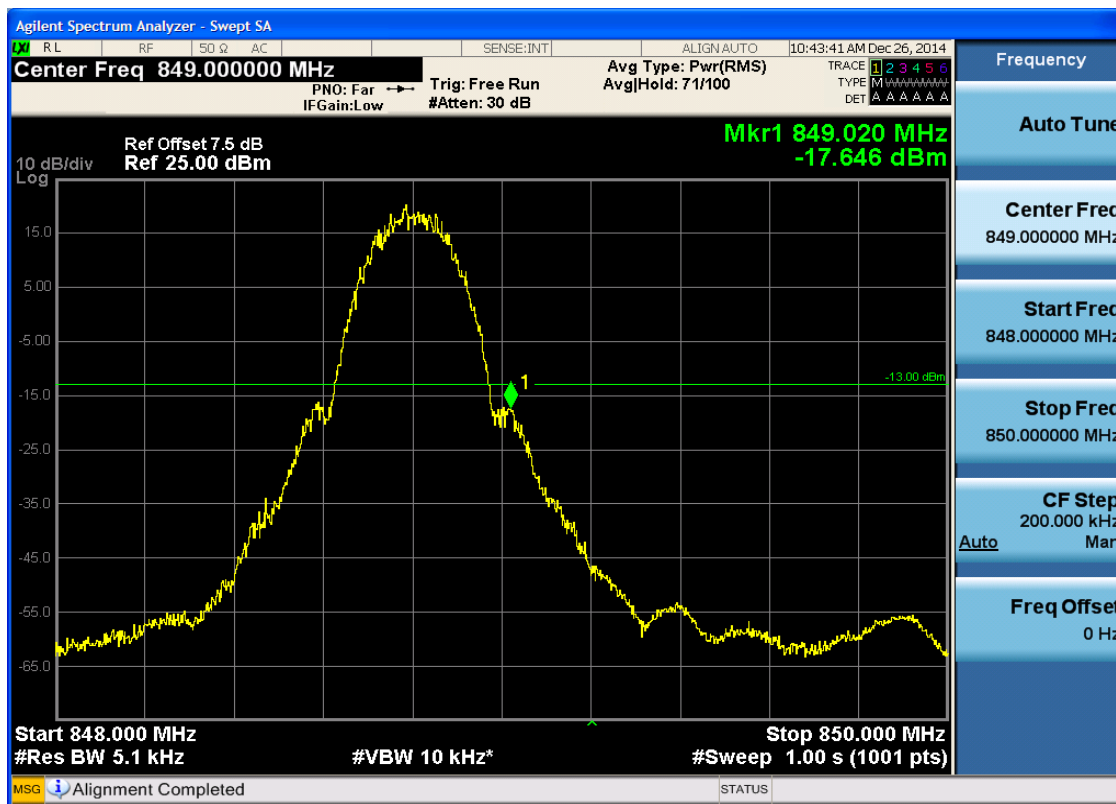
5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH



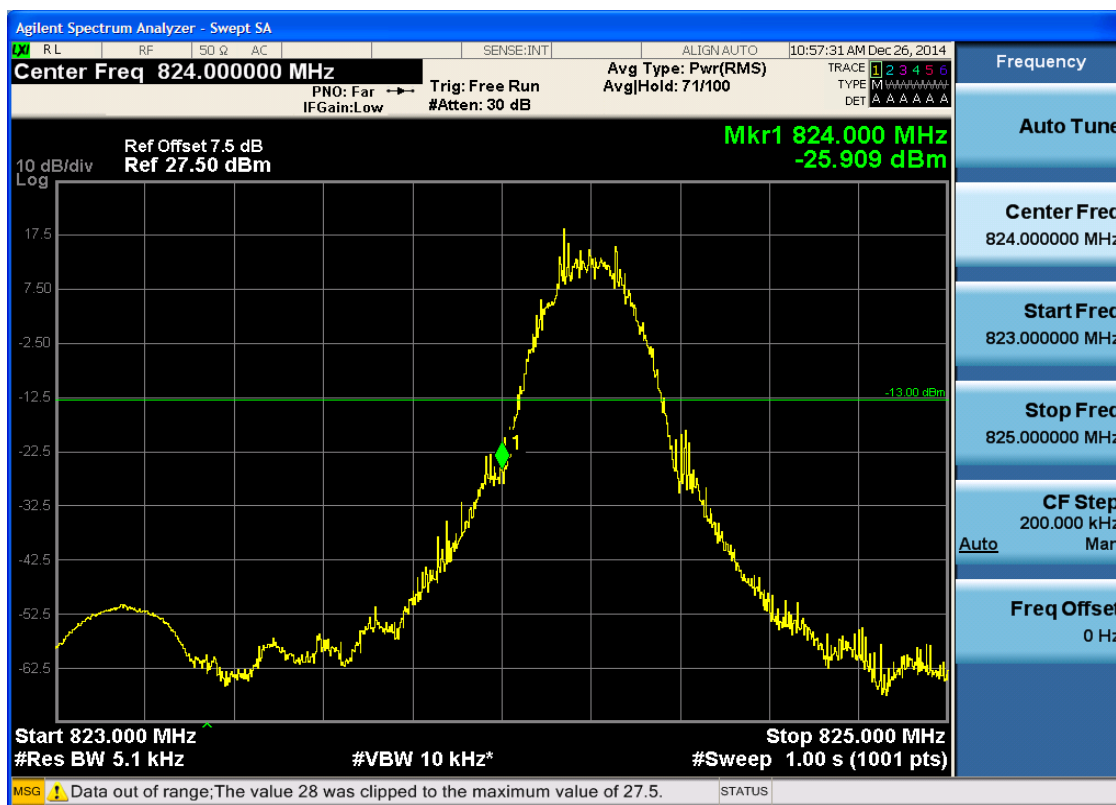


5.1.1.1.2 Test Channel = HCH



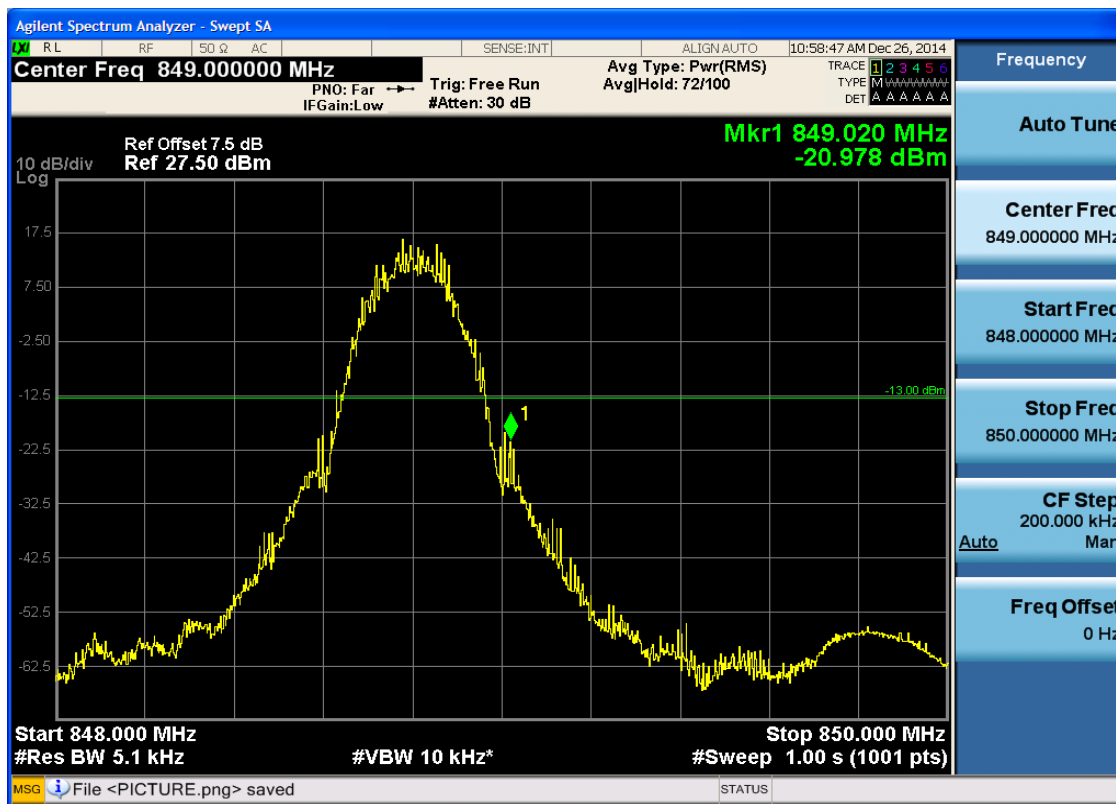
5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH





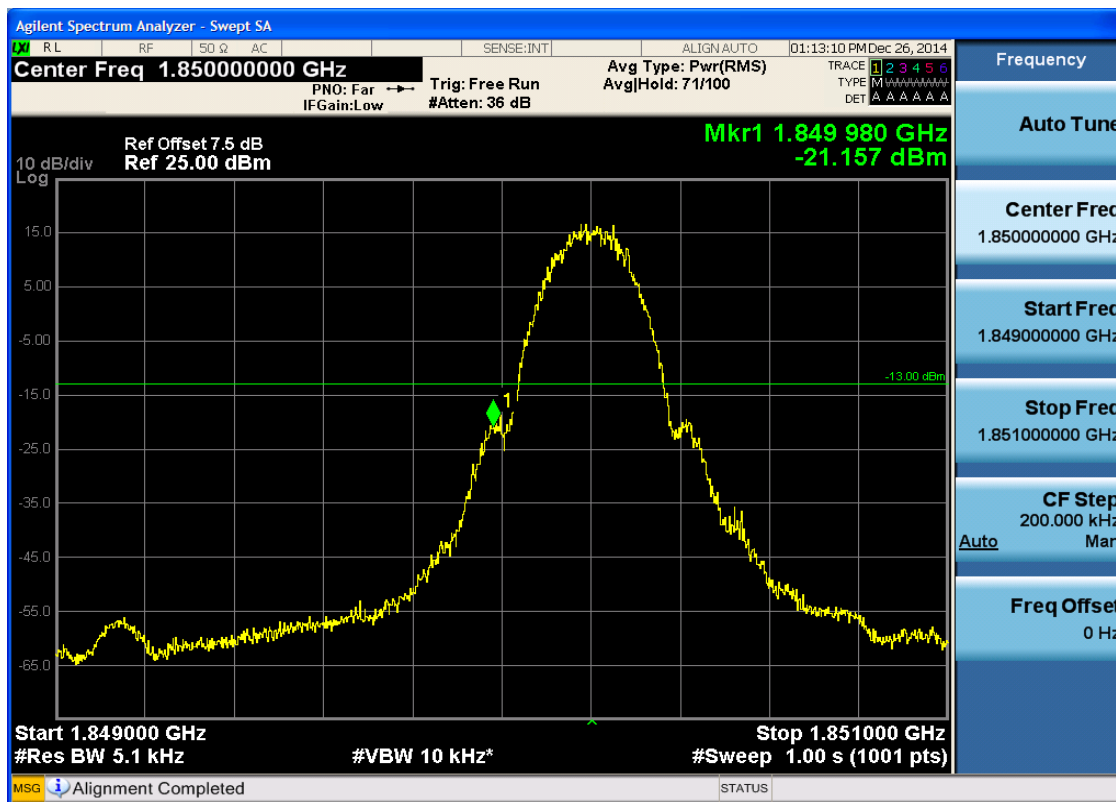
5.1.1.2.2 Test Channel = HCH



5.1.2 Test Band = GSM1900

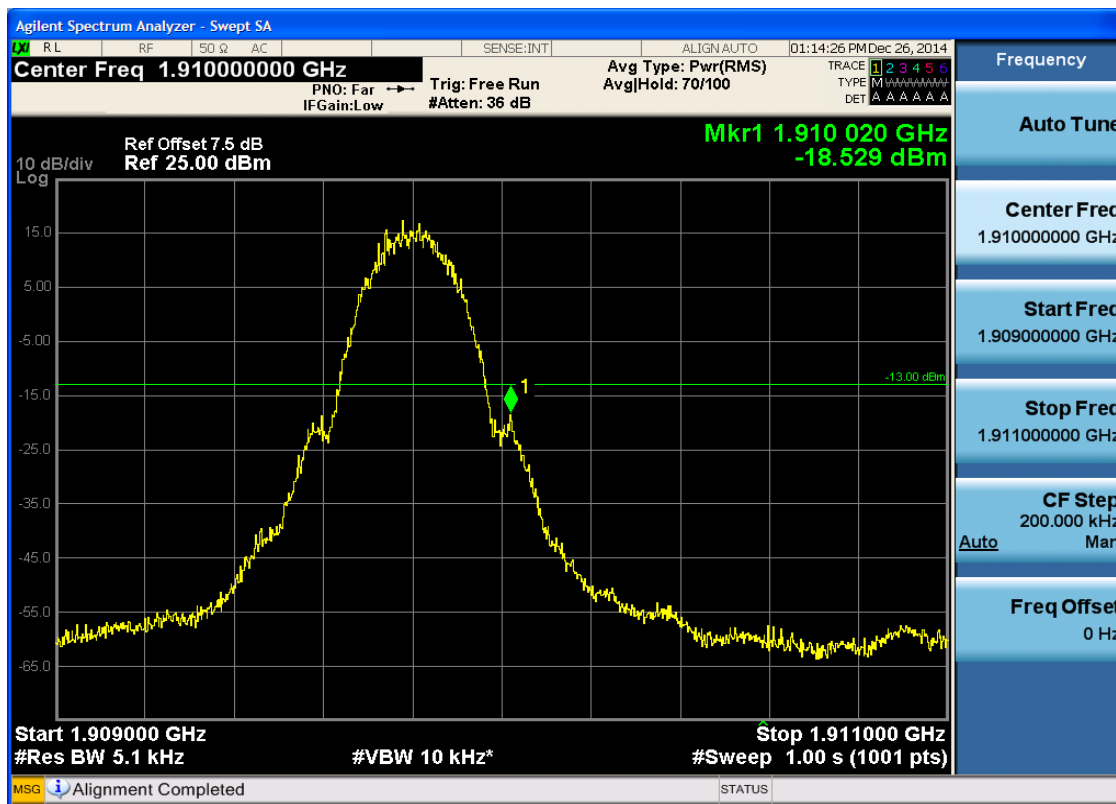
5.1.2.1 Test Mode = GSM/TM1

5.1.2.1.1 Test Channel = LCH



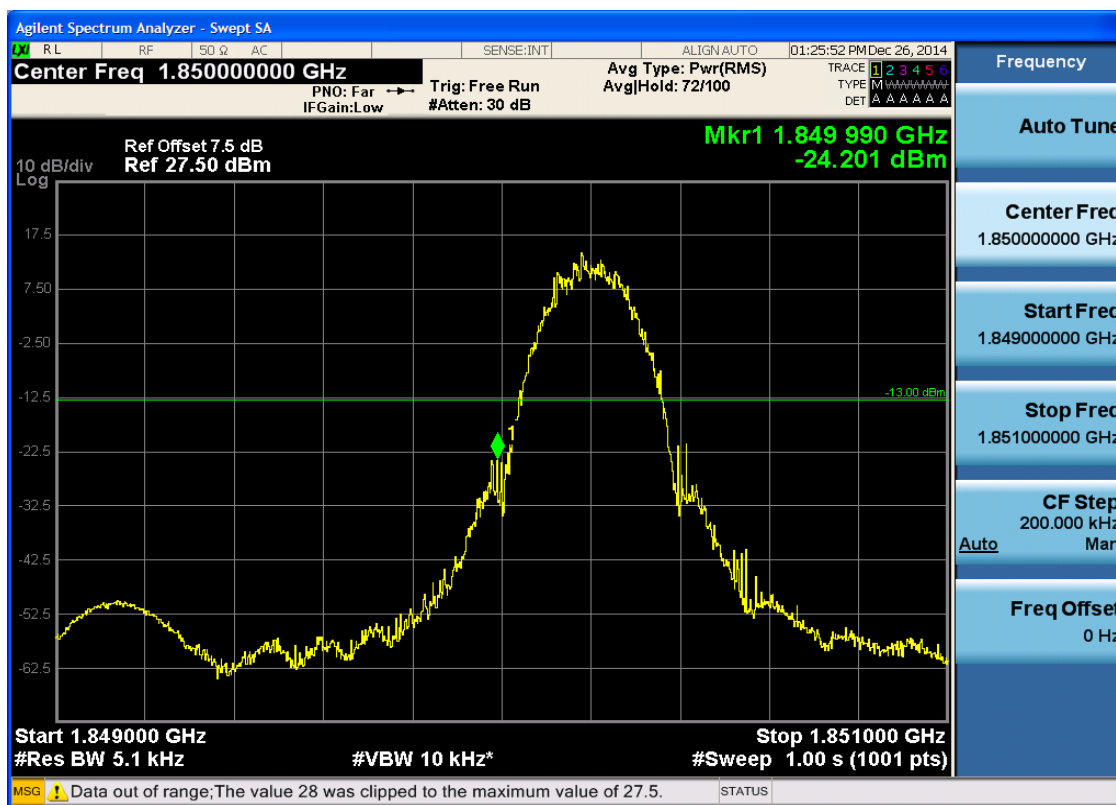


5.1.2.1.2 Test Channel = HCH



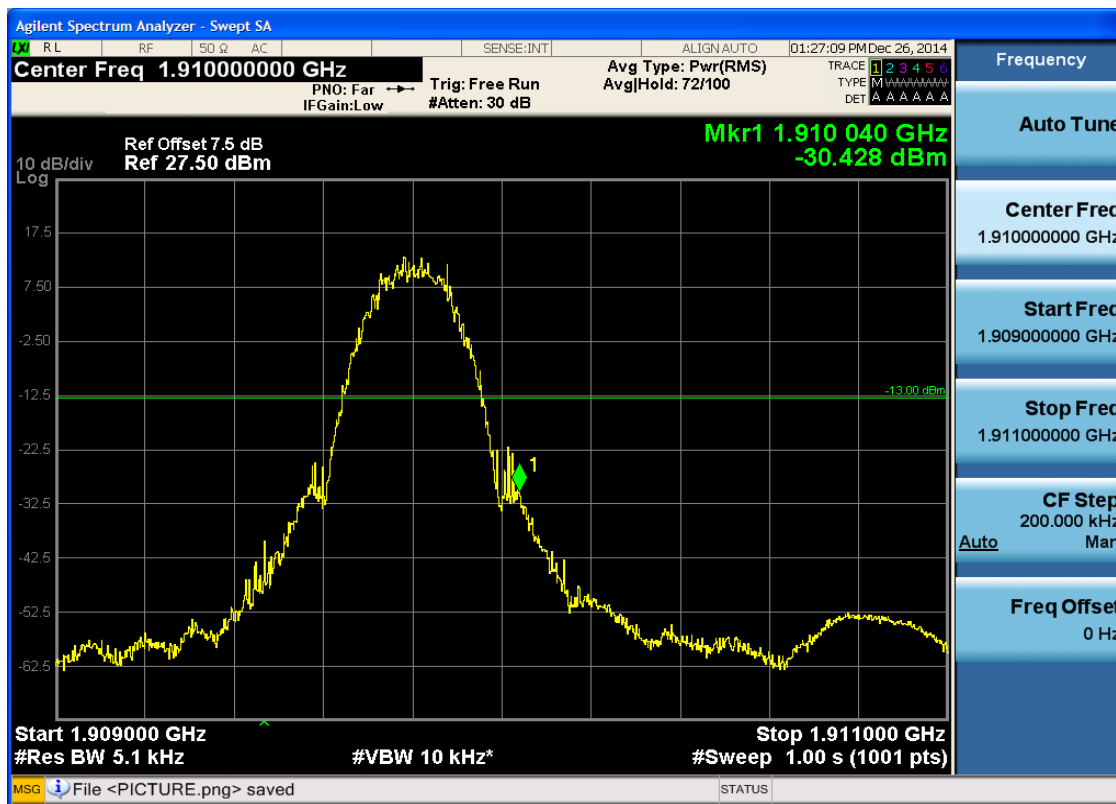
5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH





5.1.2.2.2 Test Channel = HCH

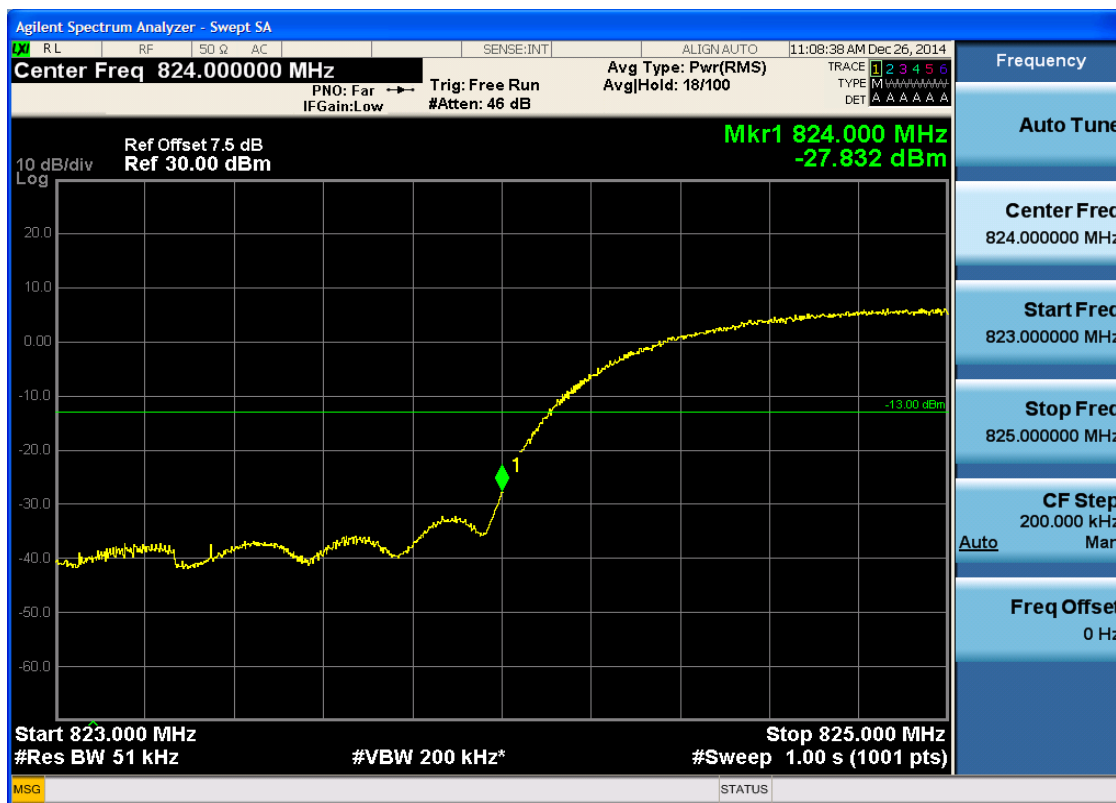


5.2 For UMTS

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

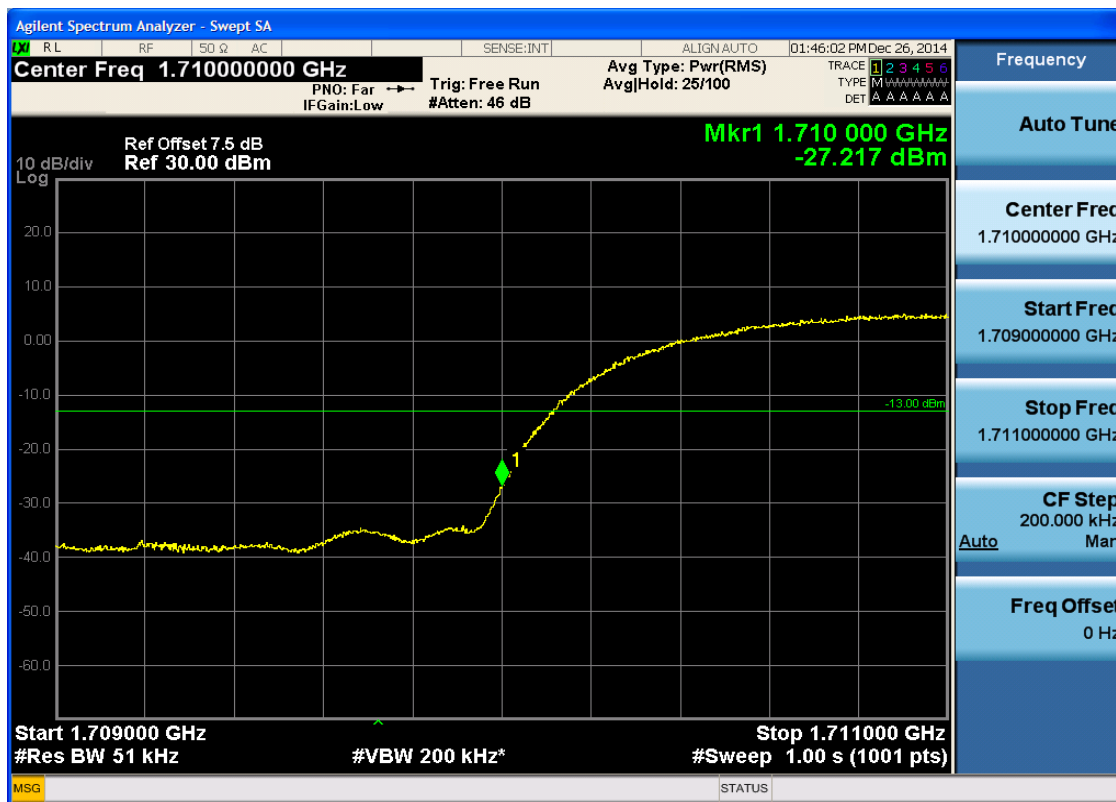




5.2.3 Test Band = WCDMA1700

5.2.3.1 Test Mode = UMTS/TM1

5.2.3.1.1 Test Channel = LCH





5.2.3.1.2 Test Channel = HCH



5.3 For LTE

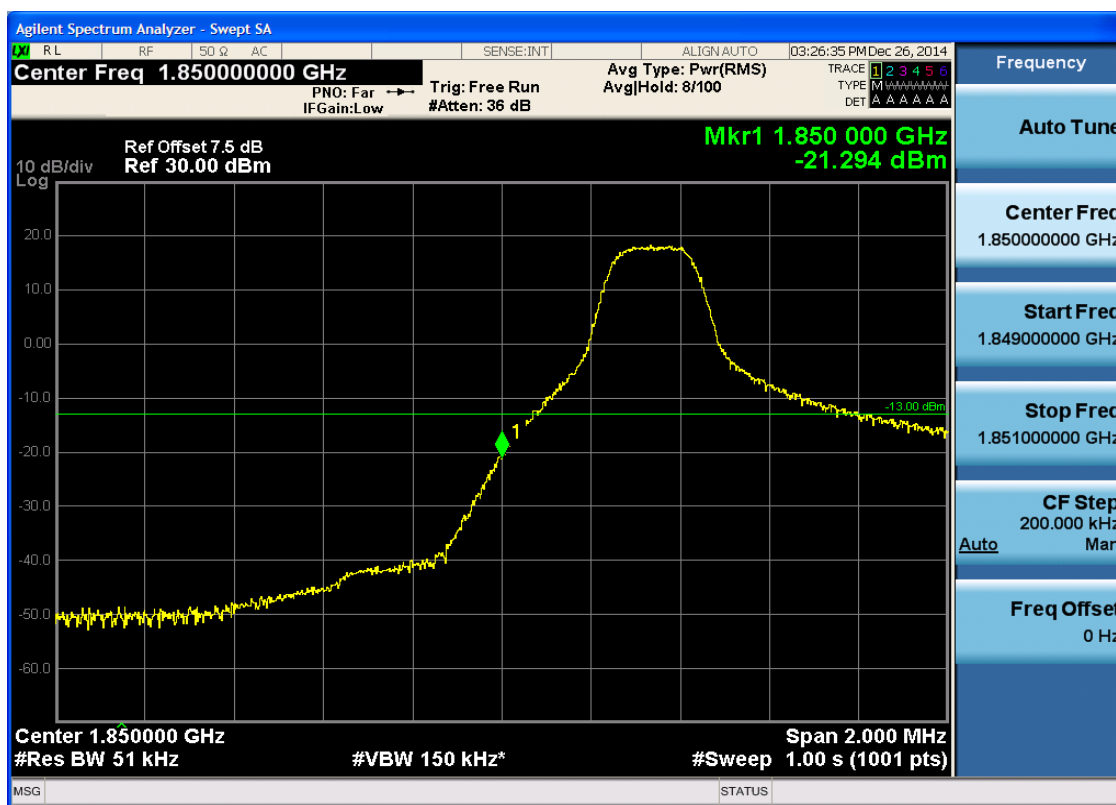
5.3.1 Test Band = BAND2

5.3.1.1 Test Mode = LTE/TM1

5.3.1.1.1 Test Bandwidth = 5

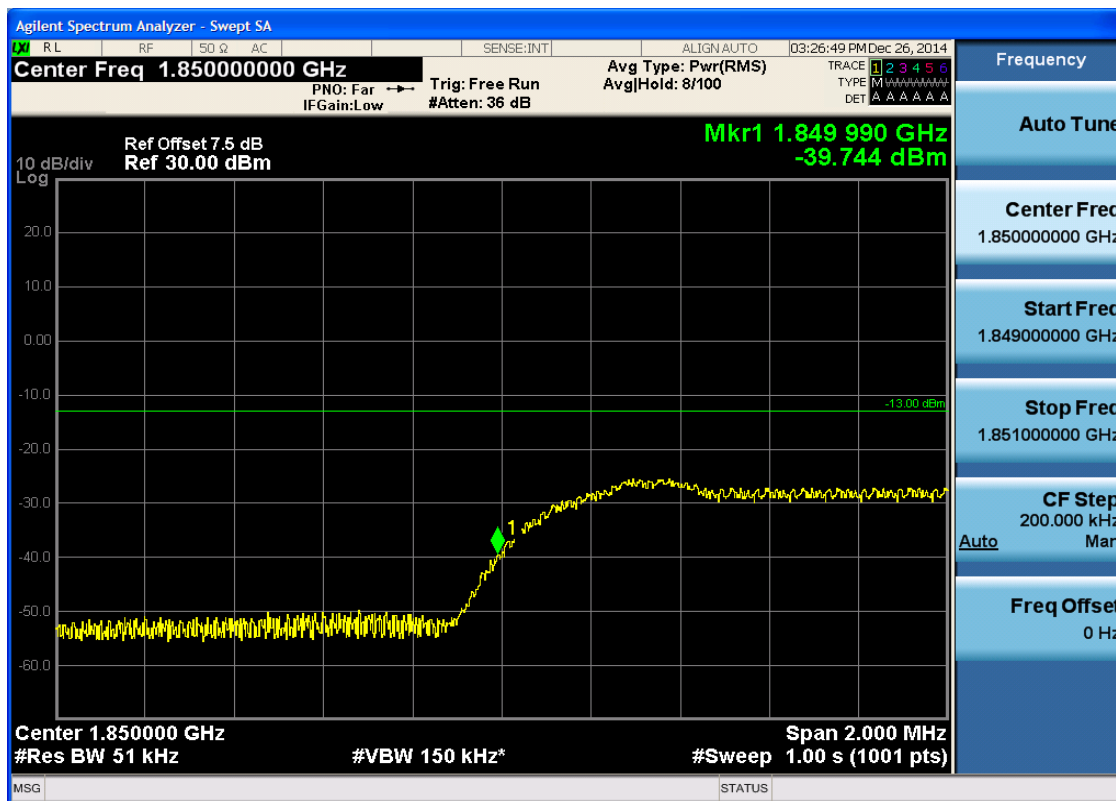
5.3.1.1.1.1 Test Channel = LCH

5.3.1.1.1.1.1 Test RB = RB1#0





5.3.1.1.1.2 Test RB = RB1#24



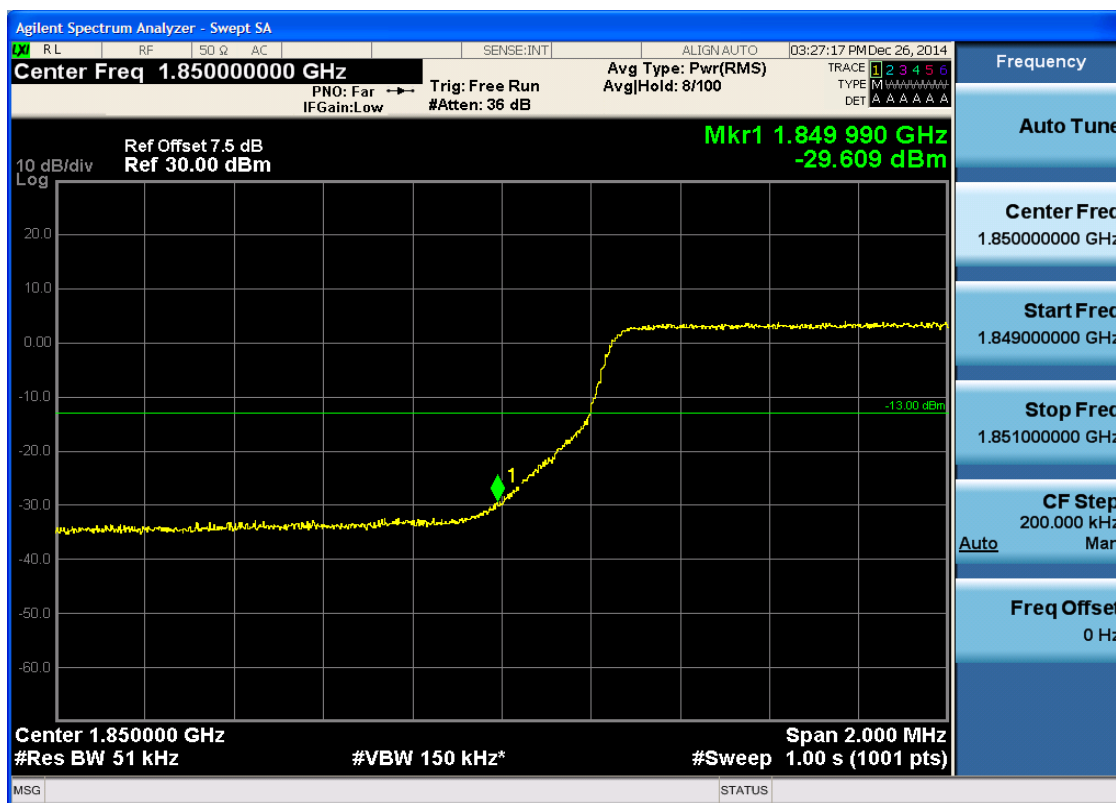


5.3.1.1.1.3 Test RB = RB12#6





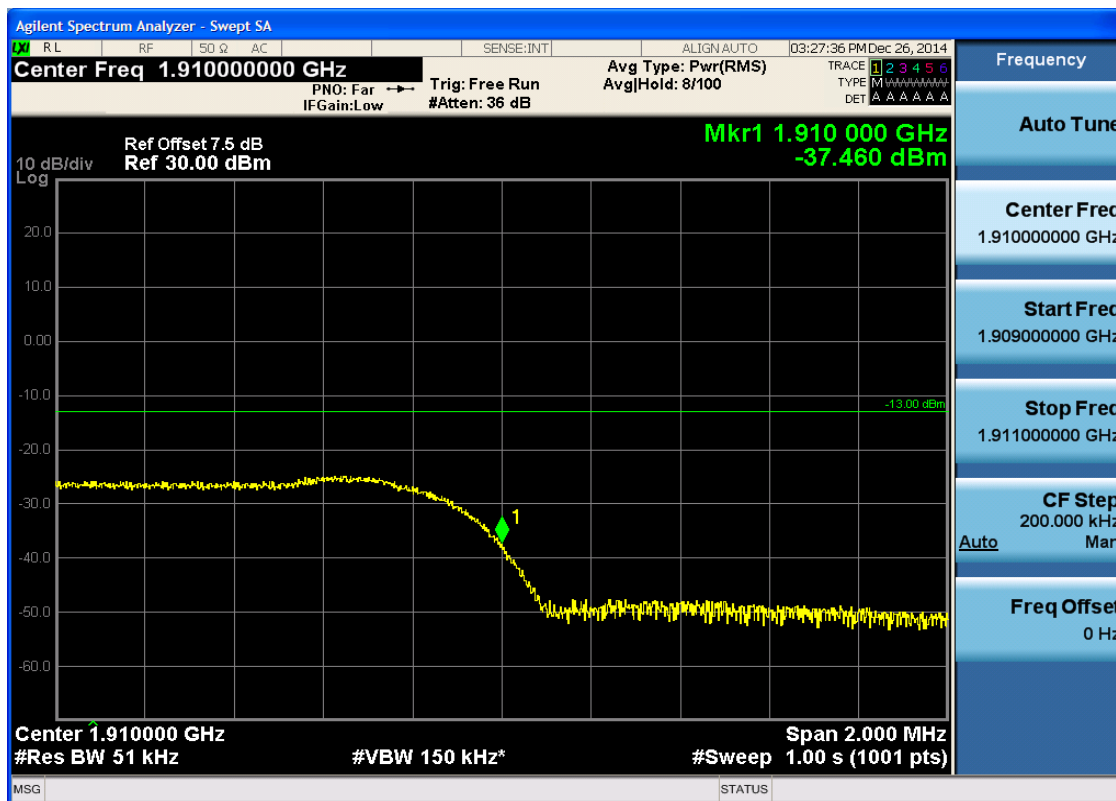
5.3.1.1.1.4 Test RB = RB25#0





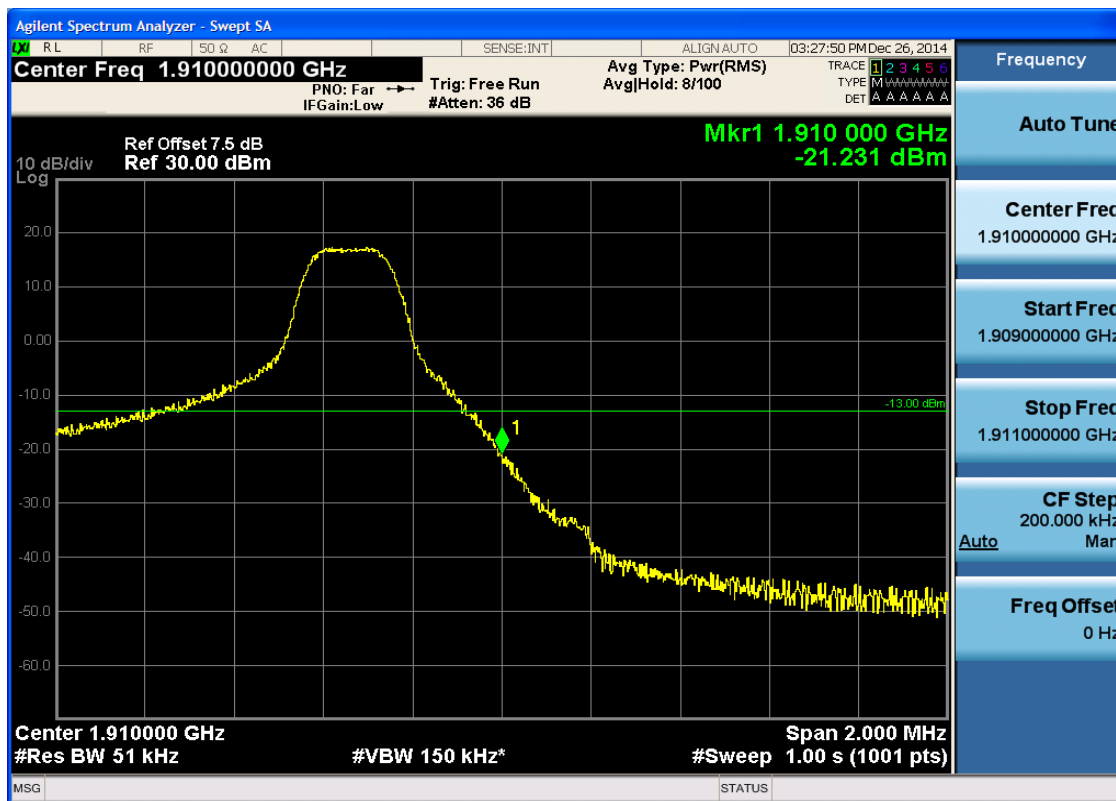
5.3.1.1.1.2 Test Channel = HCH

5.3.1.1.1.2.1 Test RB = RB1#0





5.3.1.1.1.2.2 Test RB = RB1#24



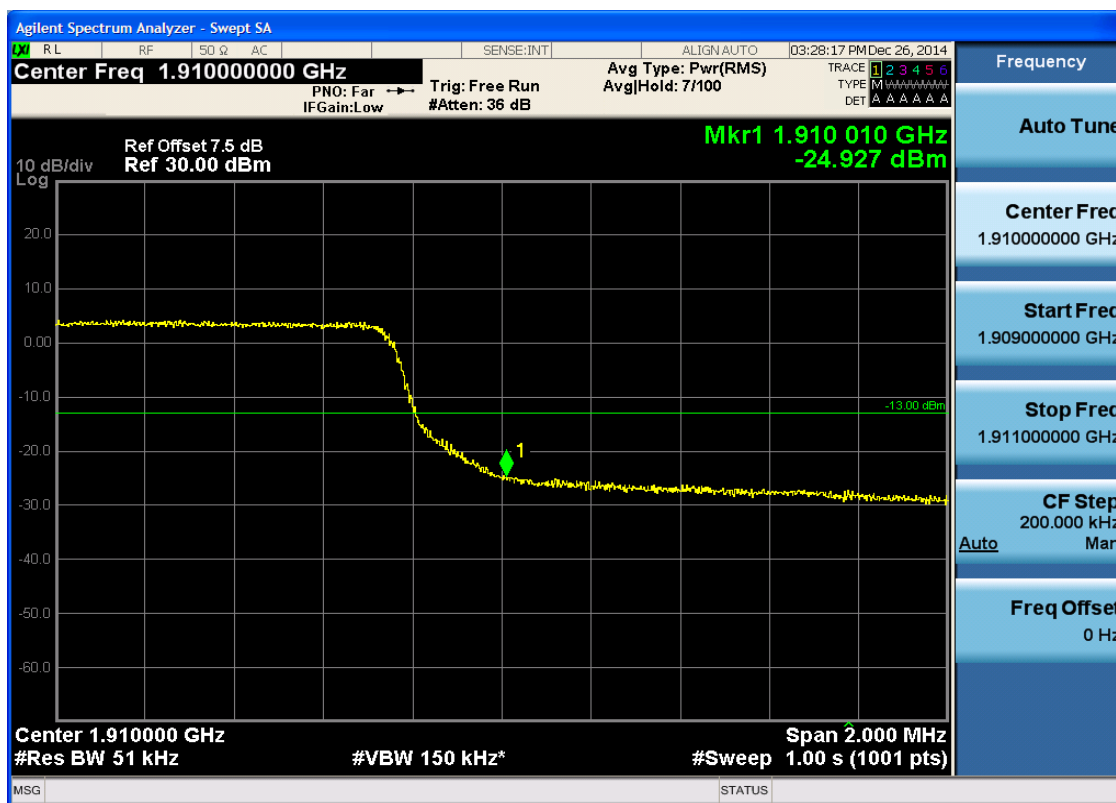


5.3.1.1.1.2.3 Test RB = RB12#6





5.3.1.1.1.2.4 Test RB = RB25#0

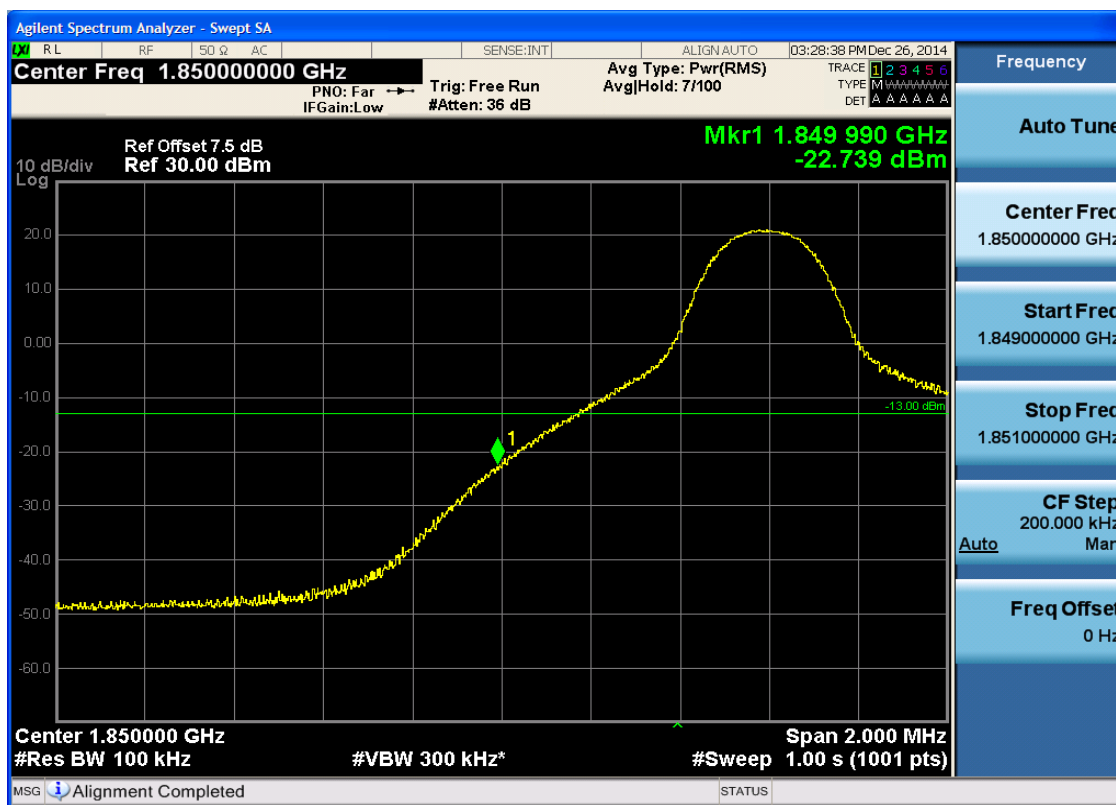




5.3.1.1.2 Test Bandwidth = 10

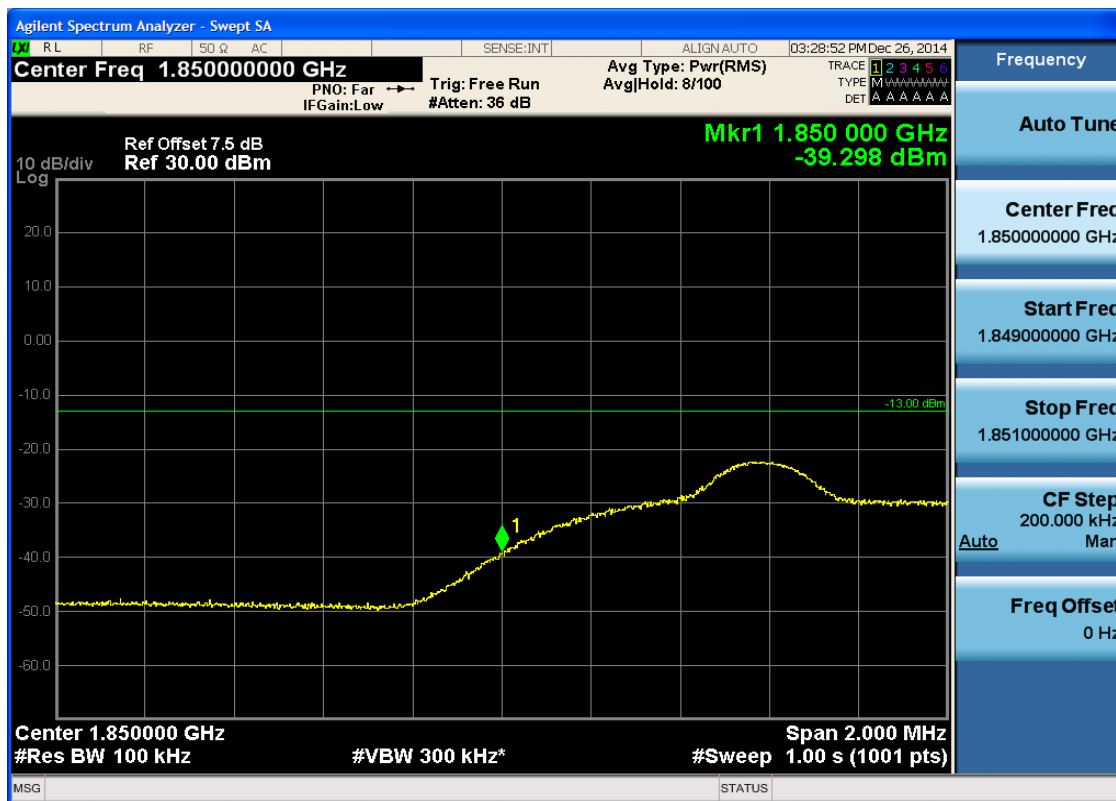
5.3.1.1.2.1 Test Channel = LCH

5.3.1.1.2.1.1 Test RB = RB1#0



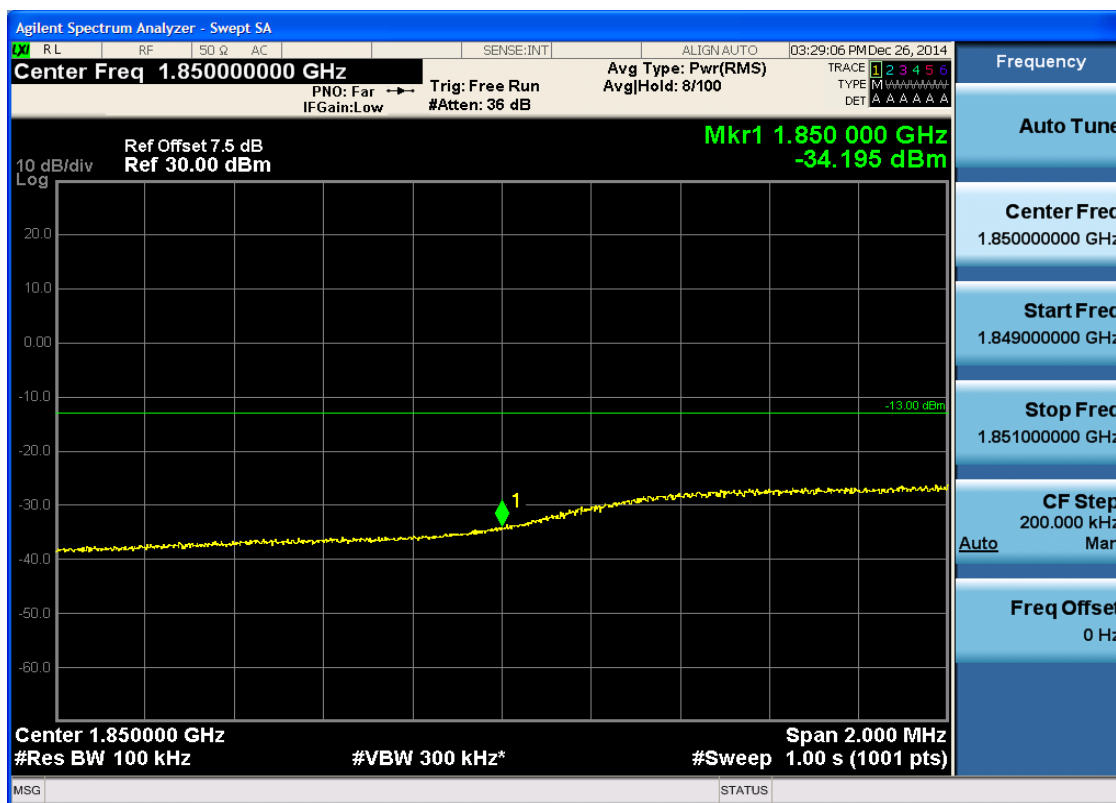


5.3.1.1.2.1.2 Test RB = RB1#49



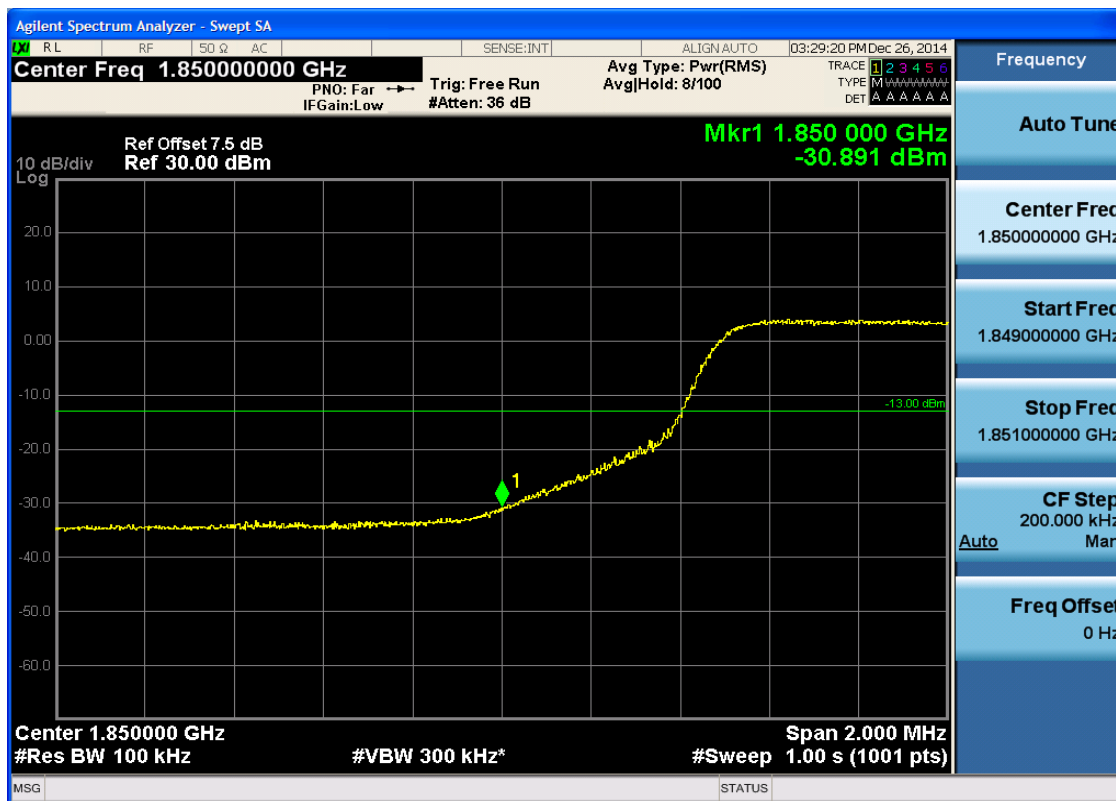


5.3.1.1.2.1.3 Test RB = RB25#13





5.3.1.1.2.1.4 Test RB = RB50#0

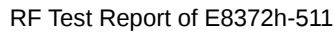




5.3.1.1.2.2 Test Channel = HCH

5.3.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.91000000 GHz

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

Avg Type: Pwr(RMS) AvgHld: 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 1.910 000 GHz
-22.164 dBm

10 dB/div
Log

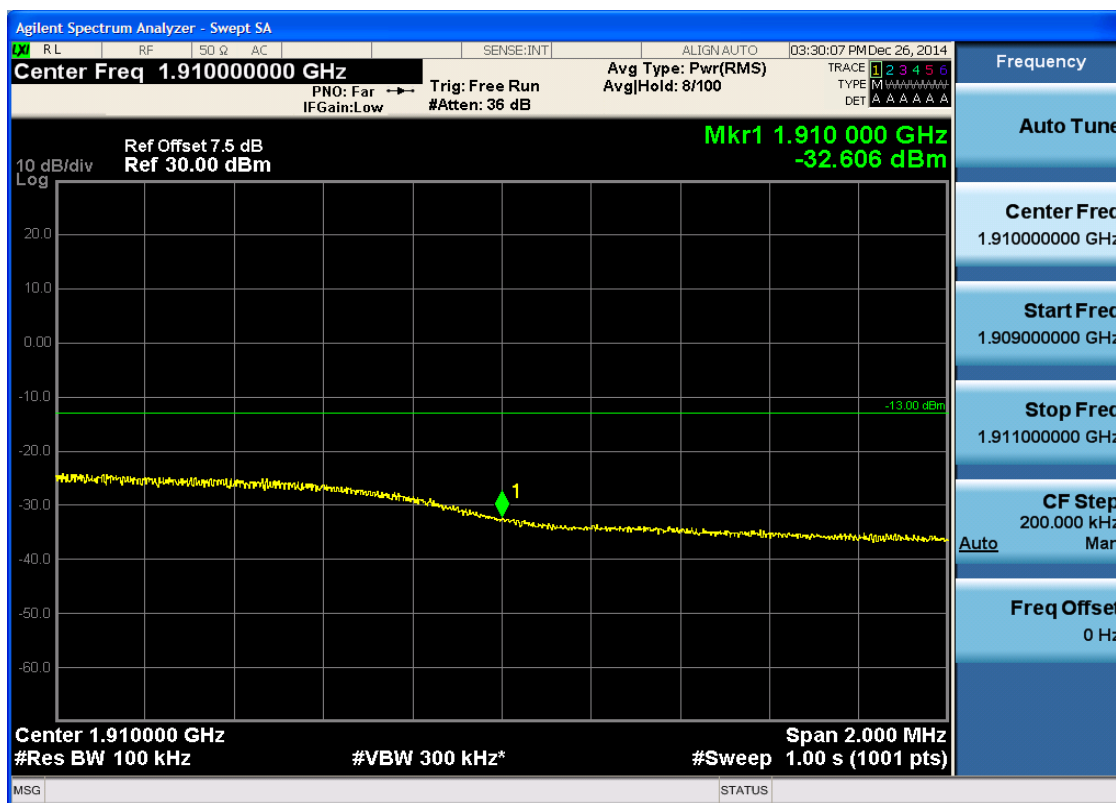
-13.00 dBm

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

MSG STATUS



5.3.1.1.2.3 Test RB = RB25#13





5.3.1.1.2.2.4 Test RB = RB50#0

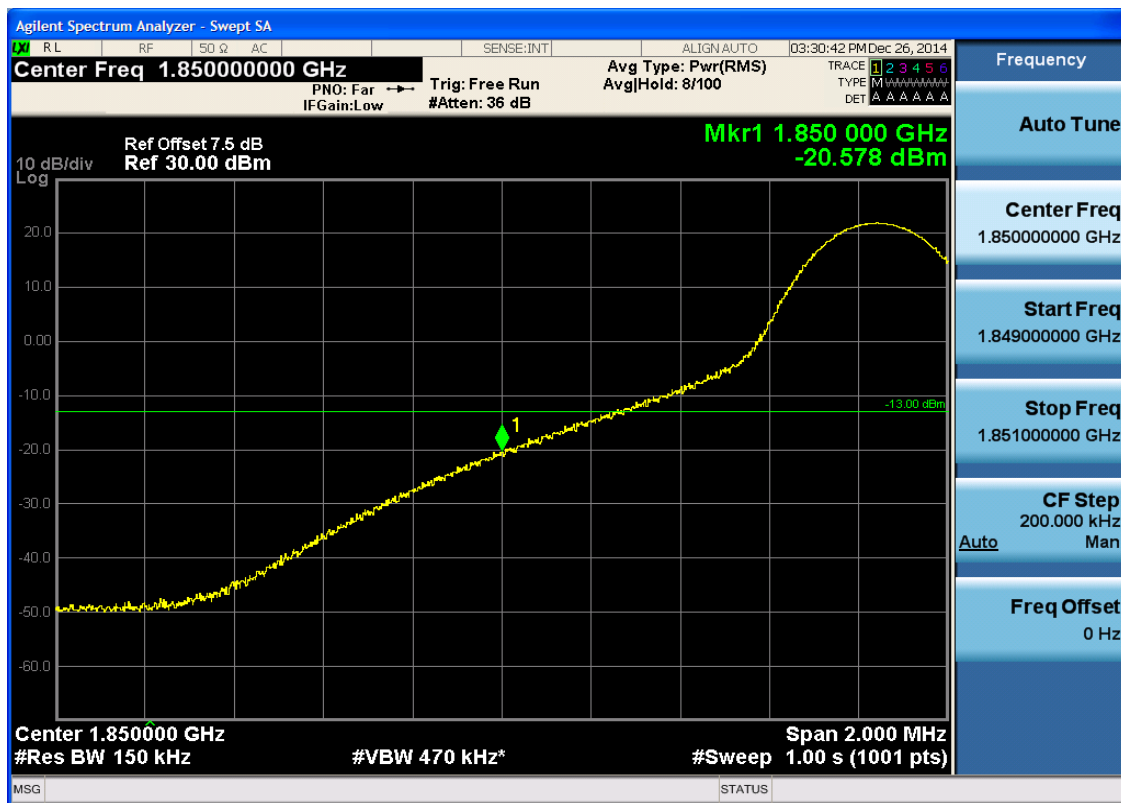




5.3.1.1.3 Test Bandwidth = 15

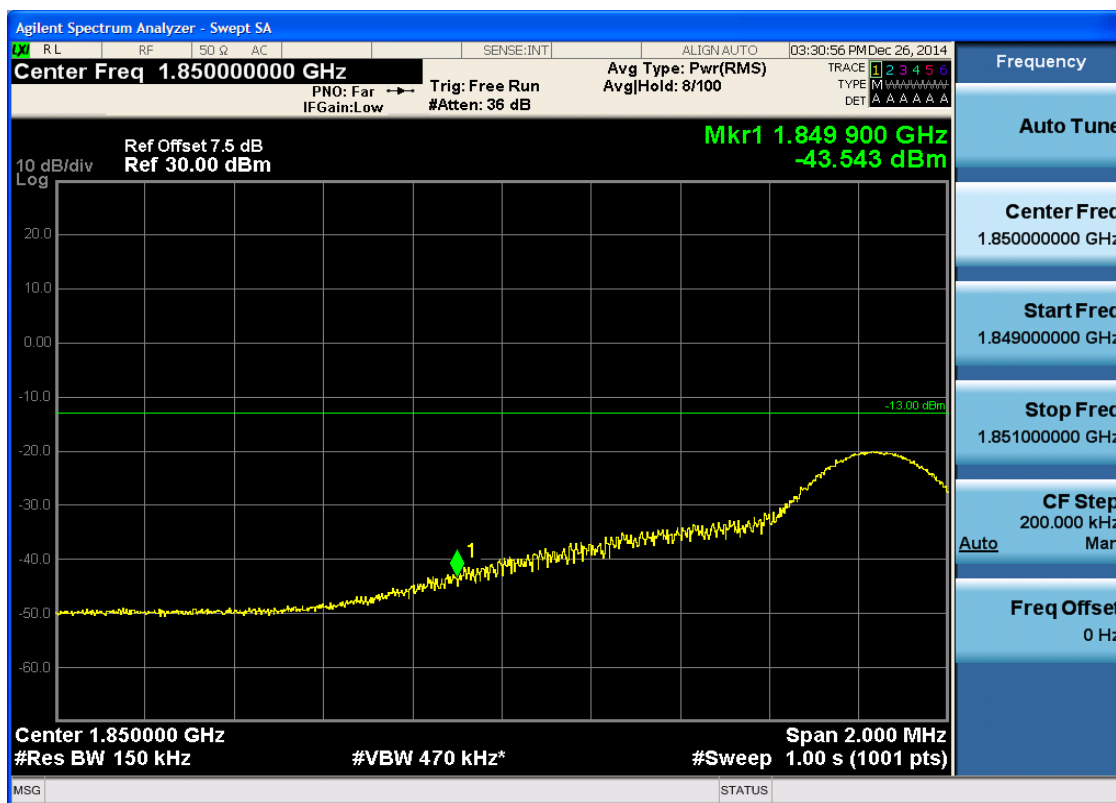
5.3.1.1.3.1 Test Channel = LCH

5.3.1.1.3.1.1 Test RB = RB1#0



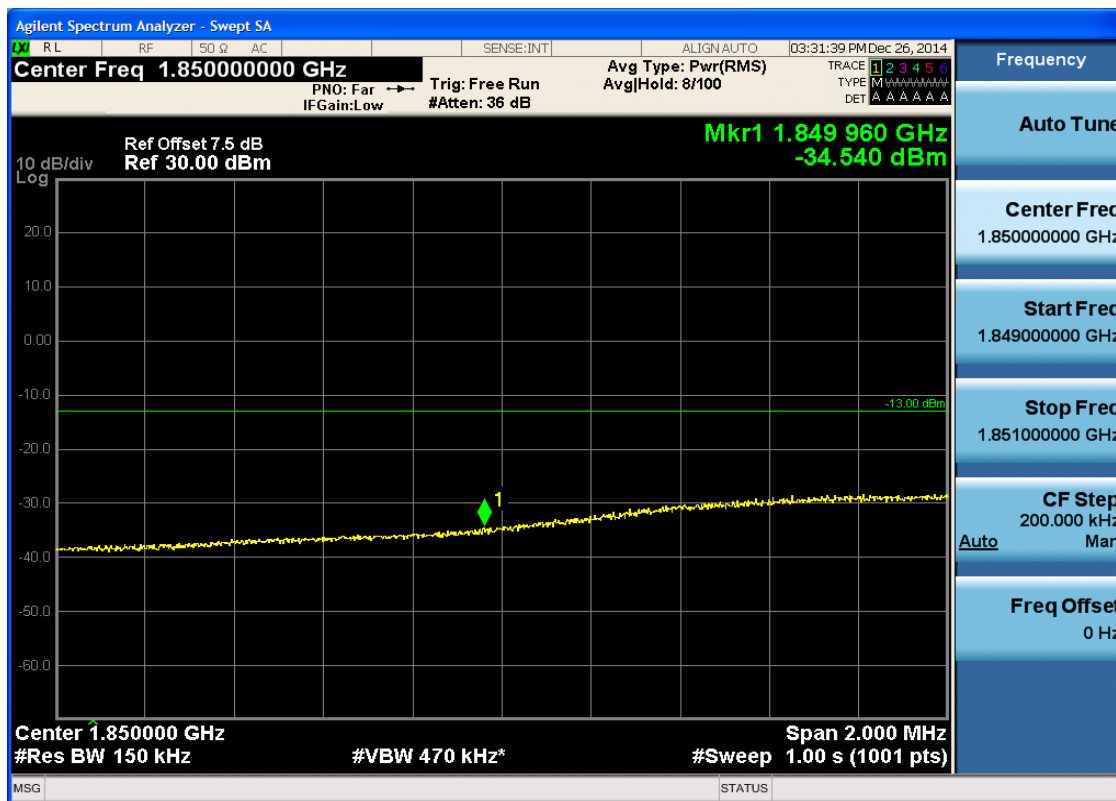


5.3.1.1.3.1.2 Test RB = RB1#74





5.3.1.1.3.1.3 Test RB = RB36#18





5.3.1.1.3.1.4 Test RB = RB75#0

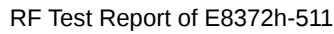




5.3.1.1.3.2 Test Channel = HCH

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**

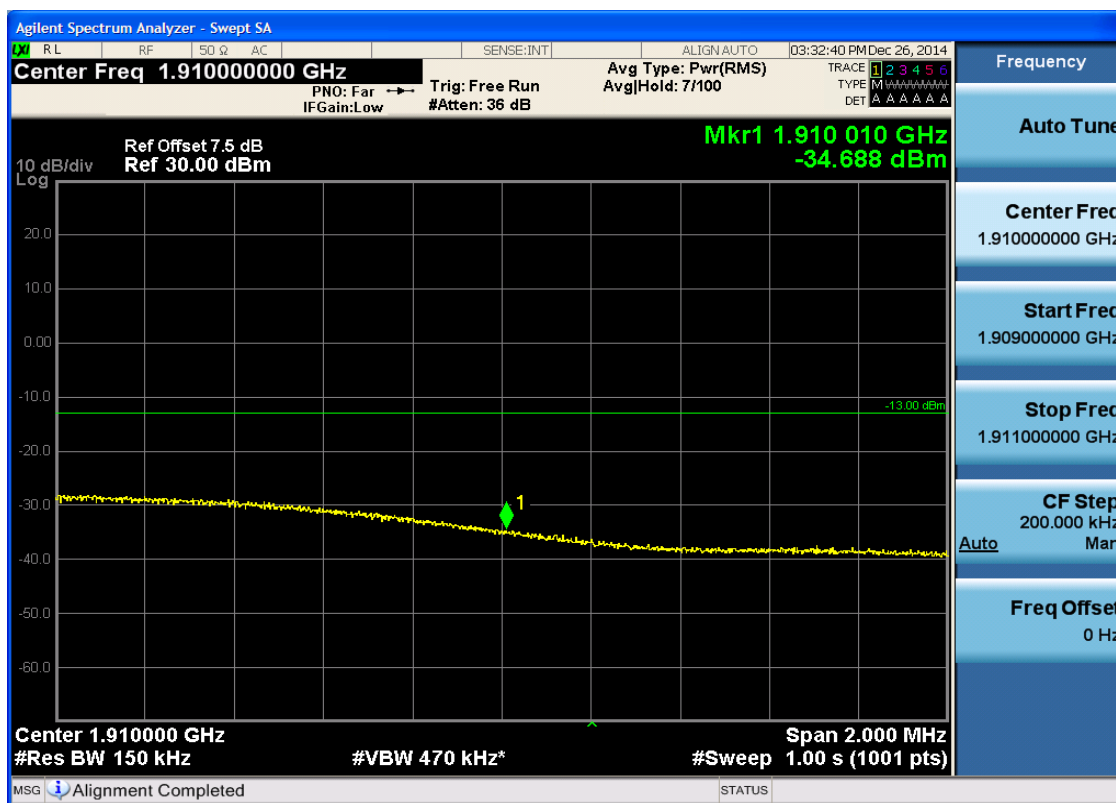
10 dB/div
Log

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

MSG STATUS



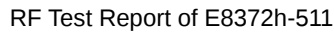
5.3.1.1.3.2.3 Test RB = RB36#18



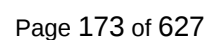


5.3.1.1.3.2.4 Test RB = RB75#0



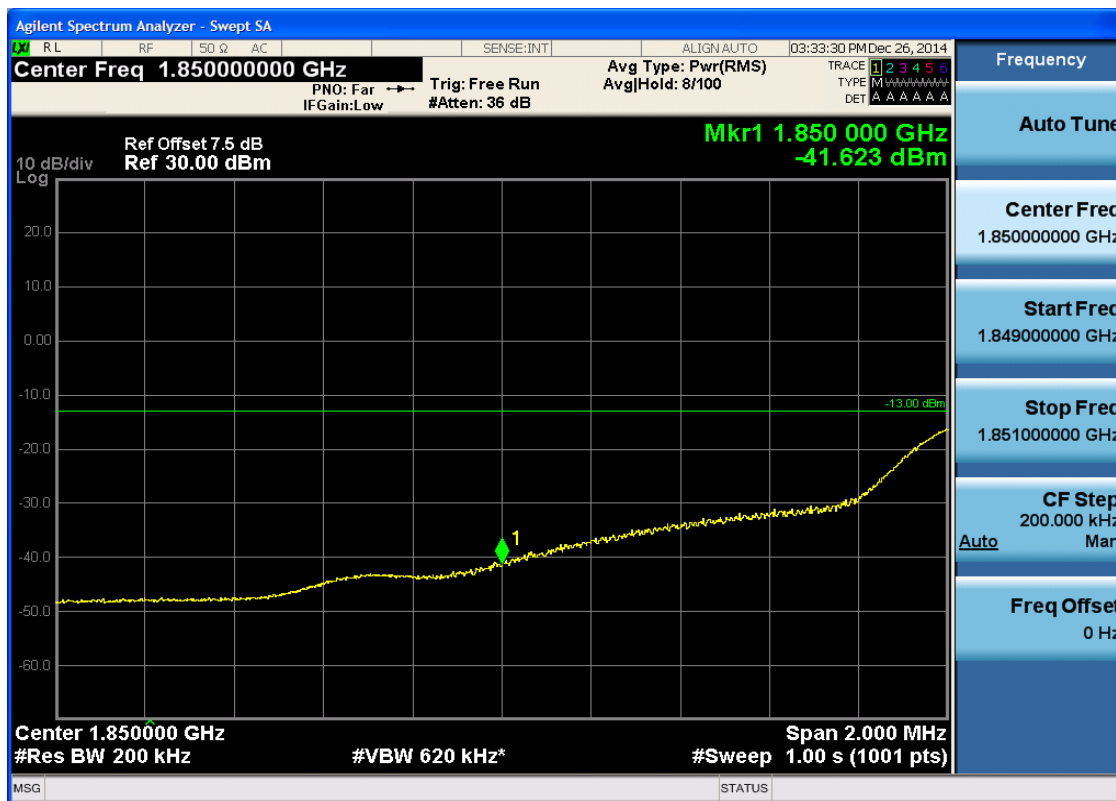


5.3.1.1.4.1.1 Test RB = RB1#0





5.3.1.1.4.1.2 Test RB = RB1#99



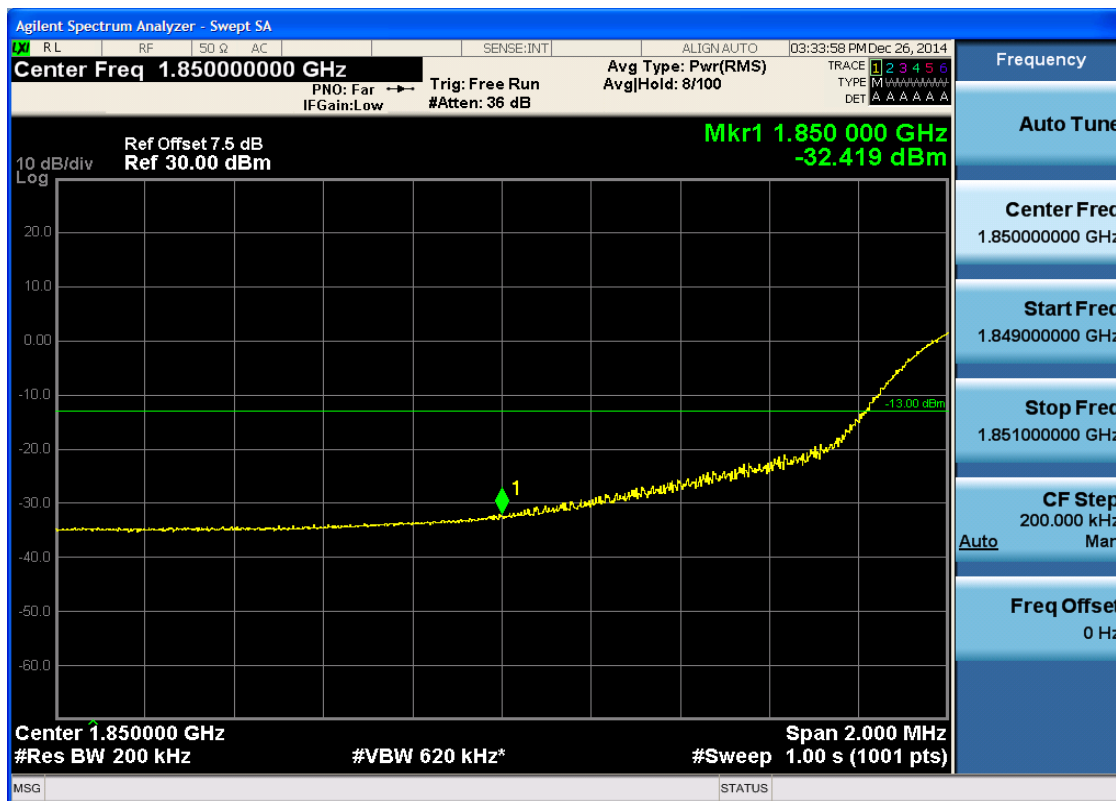


5.3.1.1.4.1.3 Test RB = RB50#25





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



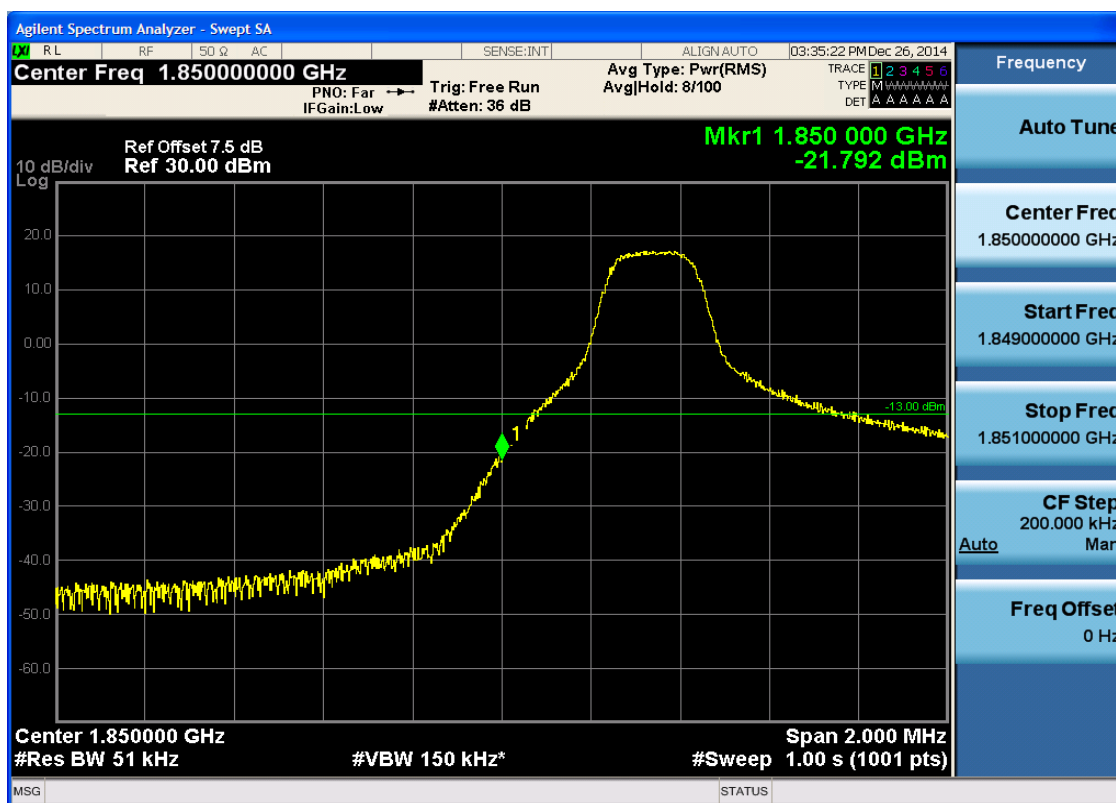


5.3.1.2 Test Mode = LTE/TM2

5.3.1.2.1 Test Bandwidth = 5

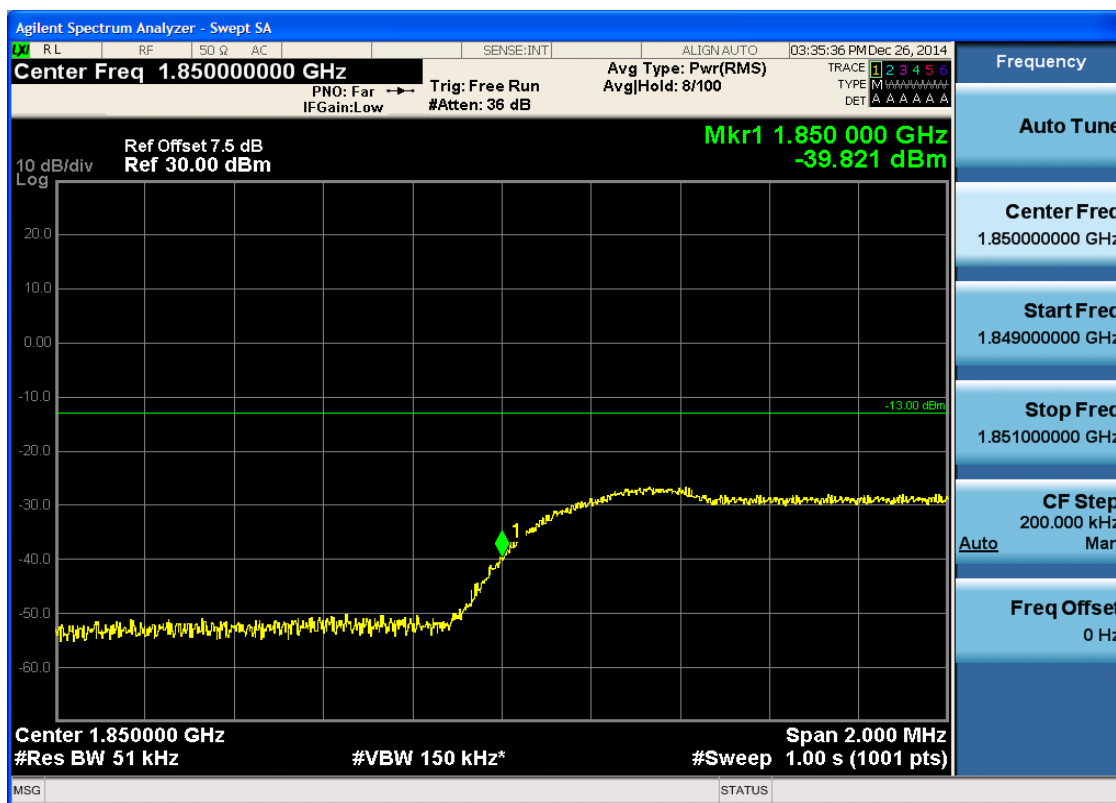
5.3.1.2.1.1 Test Channel = LCH

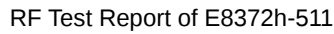
5.3.1.2.1.1.1 Test RB = RB1#0





5.3.1.2.1.1.2 Test RB = RB1#24





Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 03:35:50 PM Dec 26, 2014

Center Freq 1.850000000 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 N D E T A A A A A A

Ref Offset 7.5 dB **Mkr1 1.850 000 GHz**
 Ref 30.00 dBm **-34.021 dBm**

10 dB/div
Log

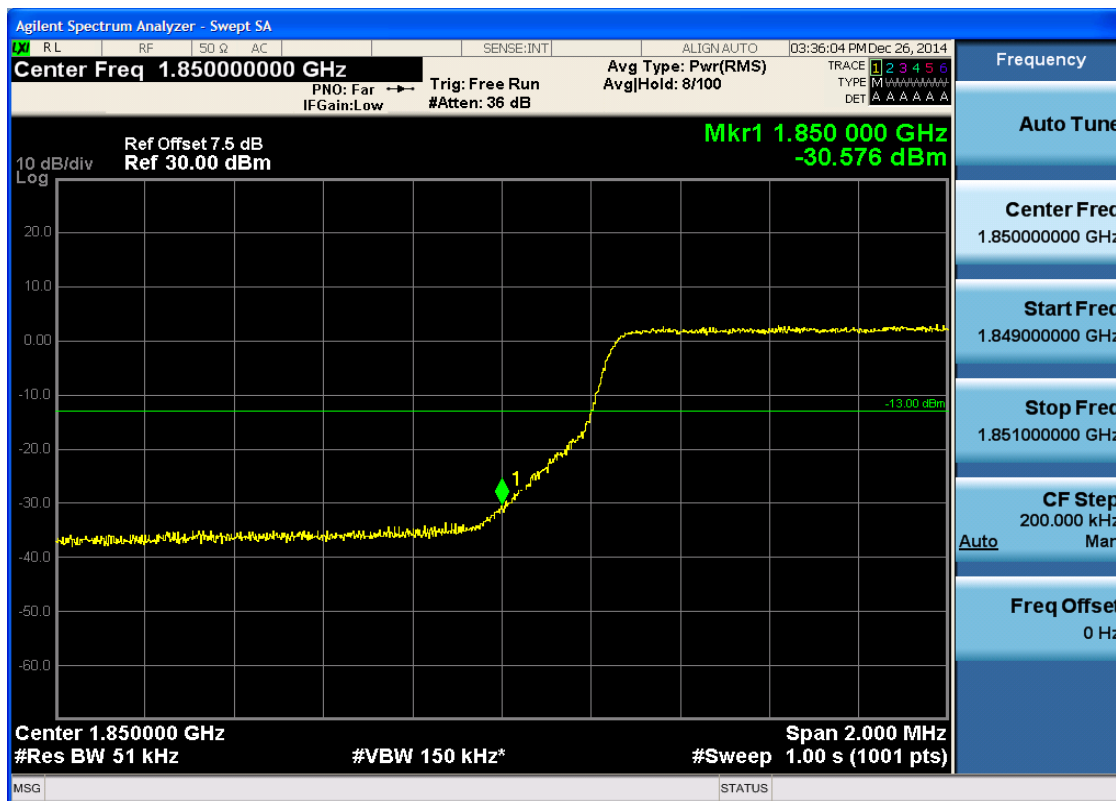
Center 1.850000 GHz Span 2.000 MHz
 #Res BW 51 kHz #VBW 150 kHz* #Sweep 1.00 s (1001 pts)

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
 Auto Man
 Freq Offset 0 Hz



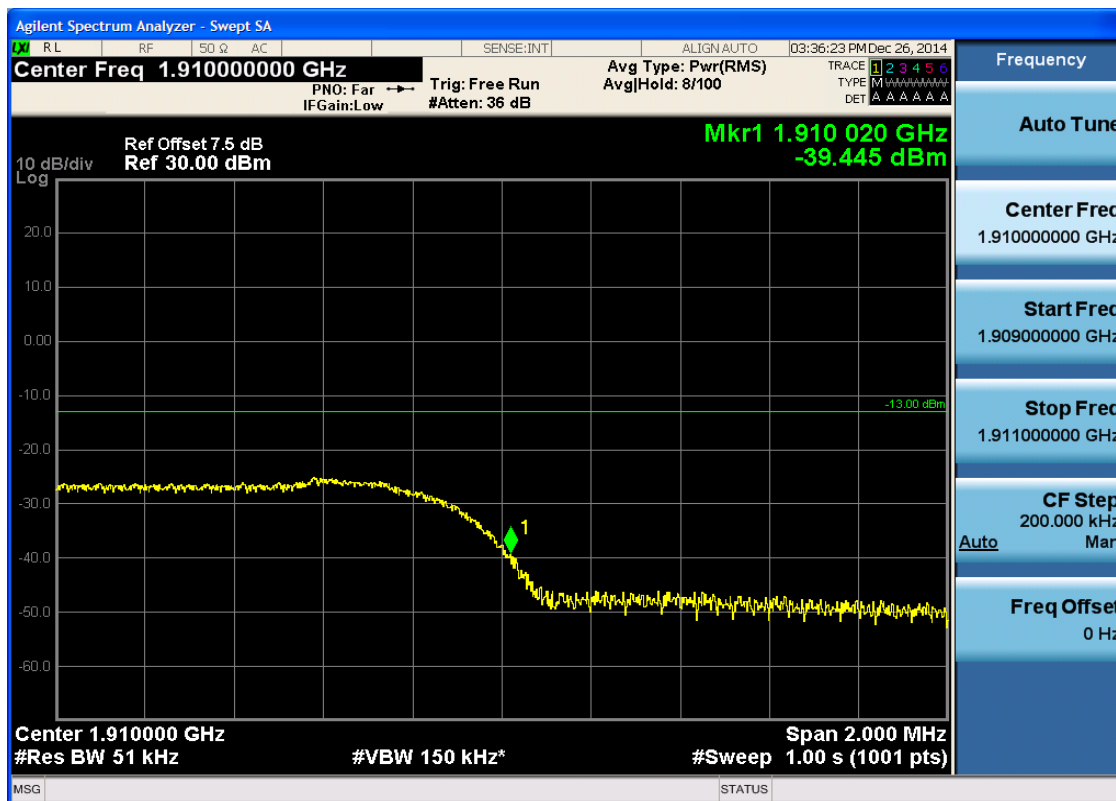
5.3.1.2.1.1.4 Test RB = RB25#0





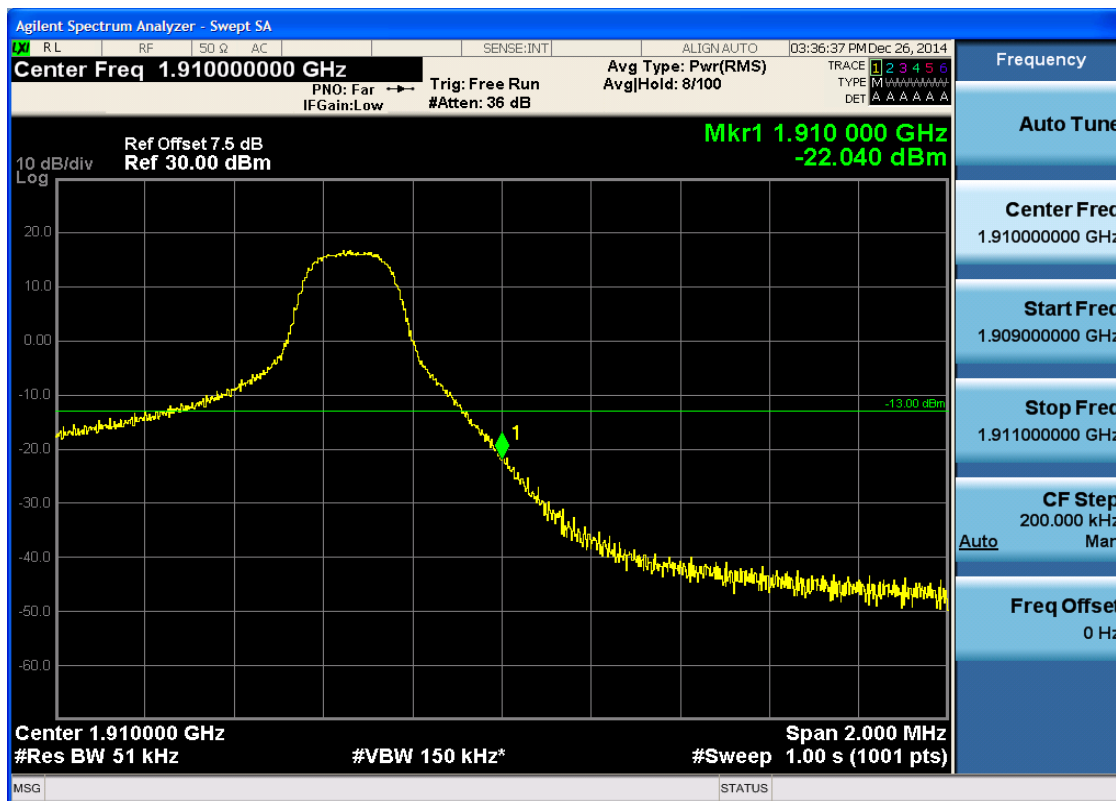
5.3.1.2.1.2 Test Channel = HCH

5.3.1.2.1.2.1 Test RB = RB1#0



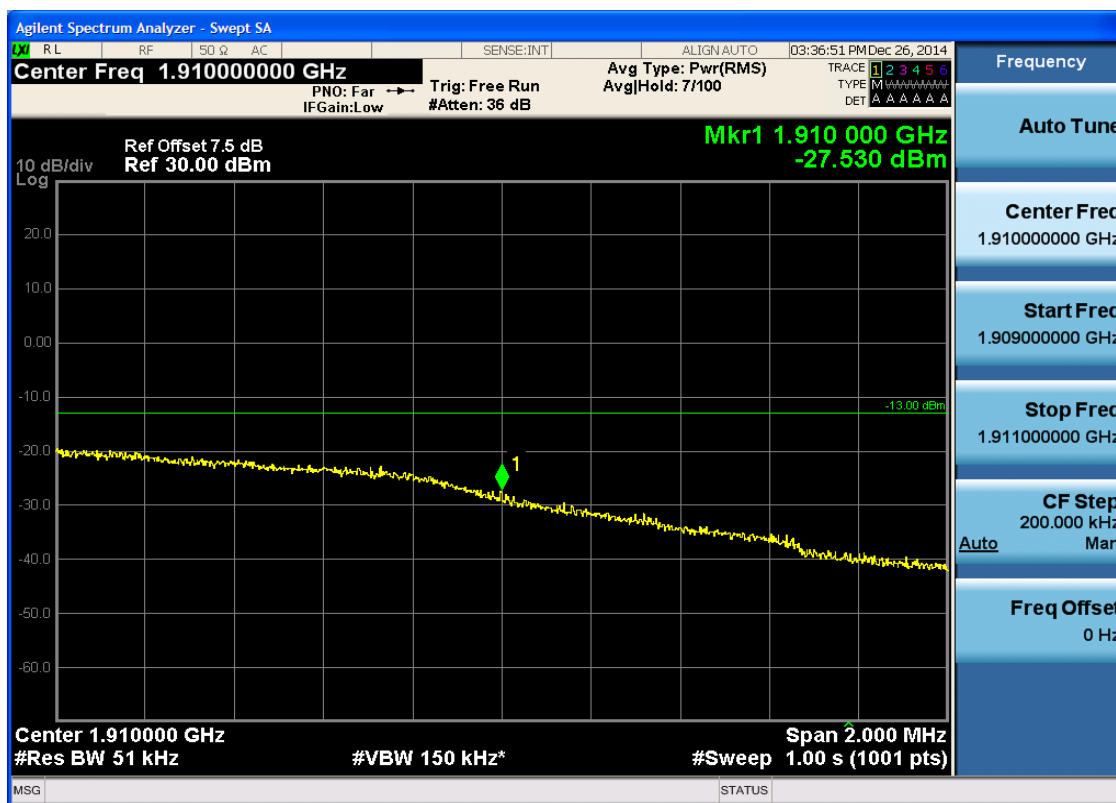


5.3.1.2.1.2.2 Test RB = RB1#24





5.3.1.2.1.2.3 Test RB = RB12#6





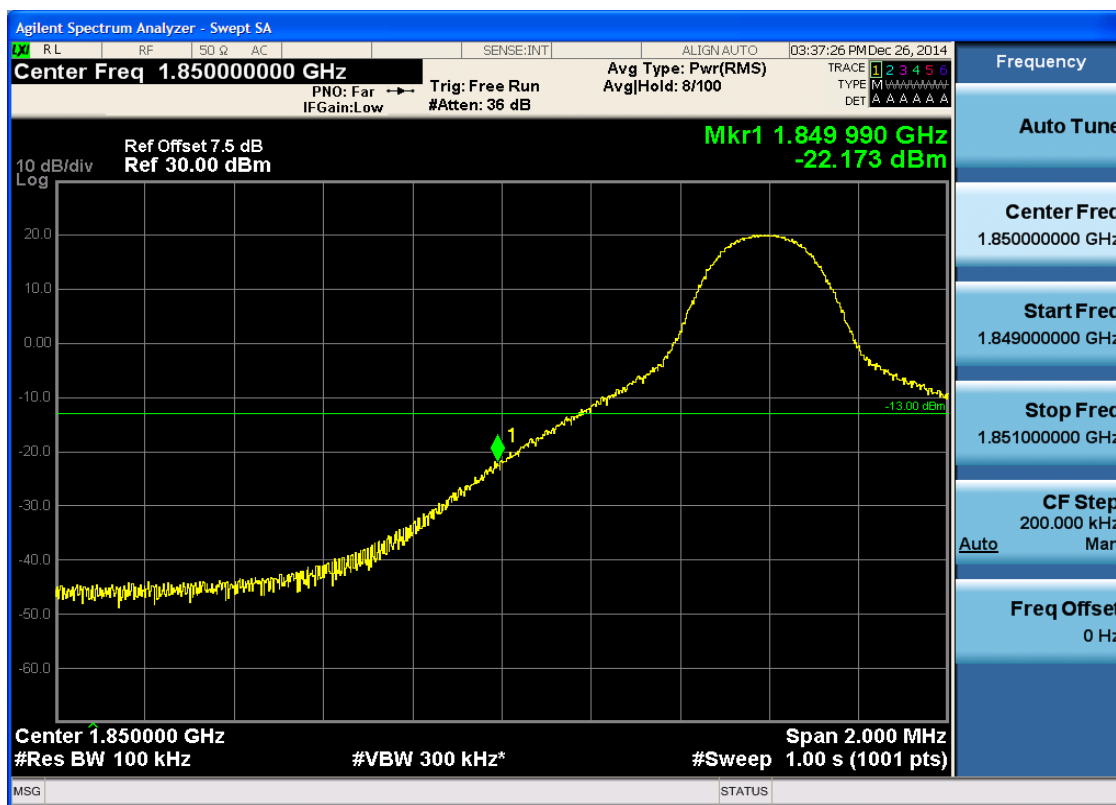
5.3.1.2.1.2.4 Test RB = RB25#0



5.3.1.2.2 Test Bandwidth = 10

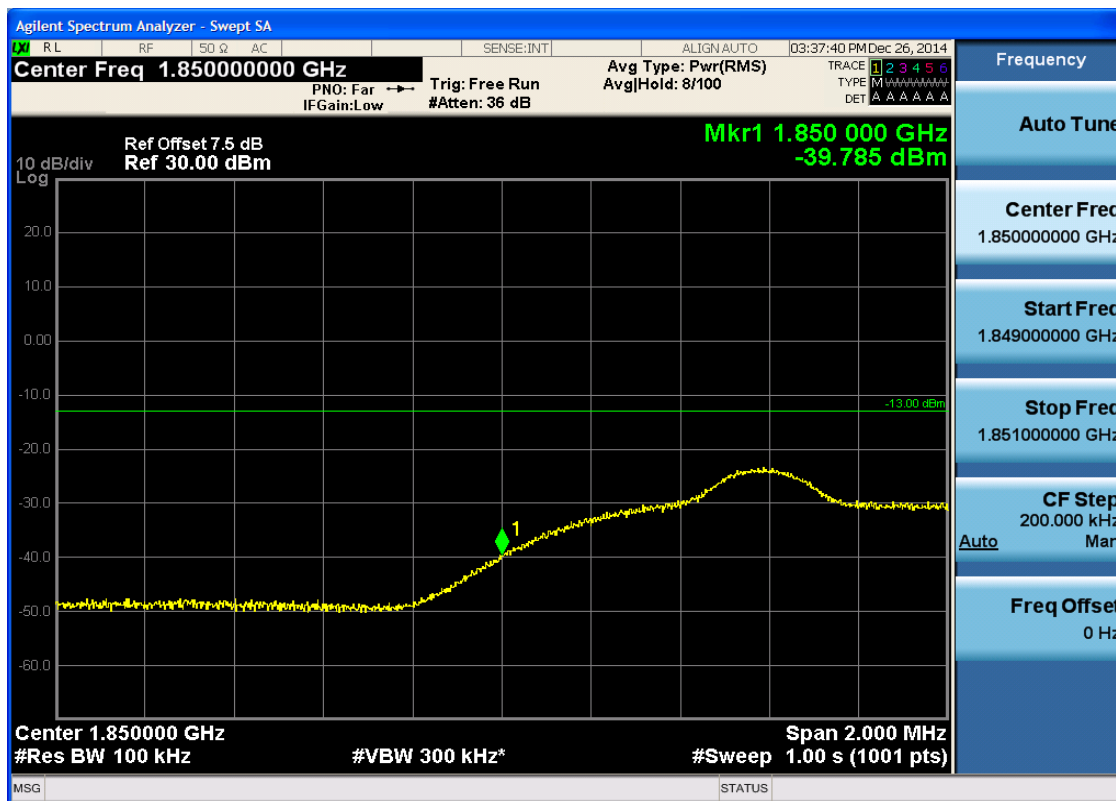
5.3.1.2.2.1 Test Channel = LCH

5.3.1.2.2.1.1 Test RB = RB1#0



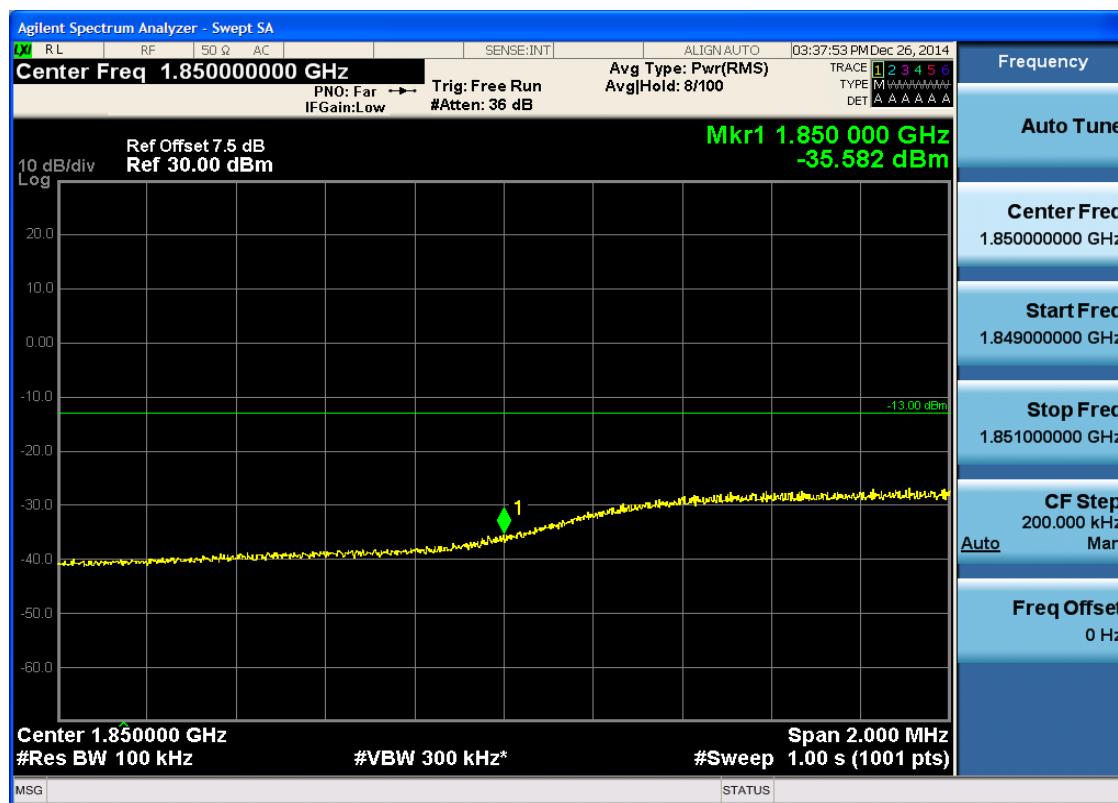


5.3.1.2.2.1.2 Test RB = RB1#49





5.3.1.2.2.1.3 Test RB = RB25#13





5.3.1.2.2.1.4 Test RB = RB50#0

