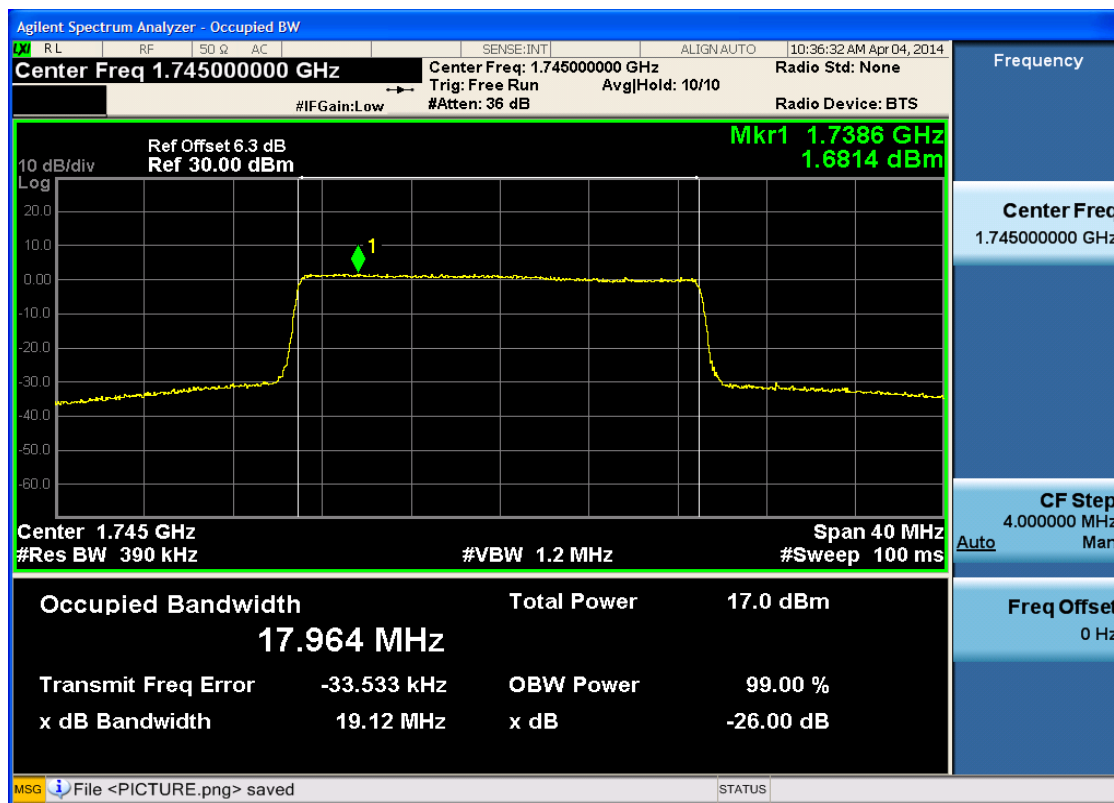




4.3.1.2.6.3 Test Channel = HCH

4.3.1.2.6.3.1 Test RB = RB100#0



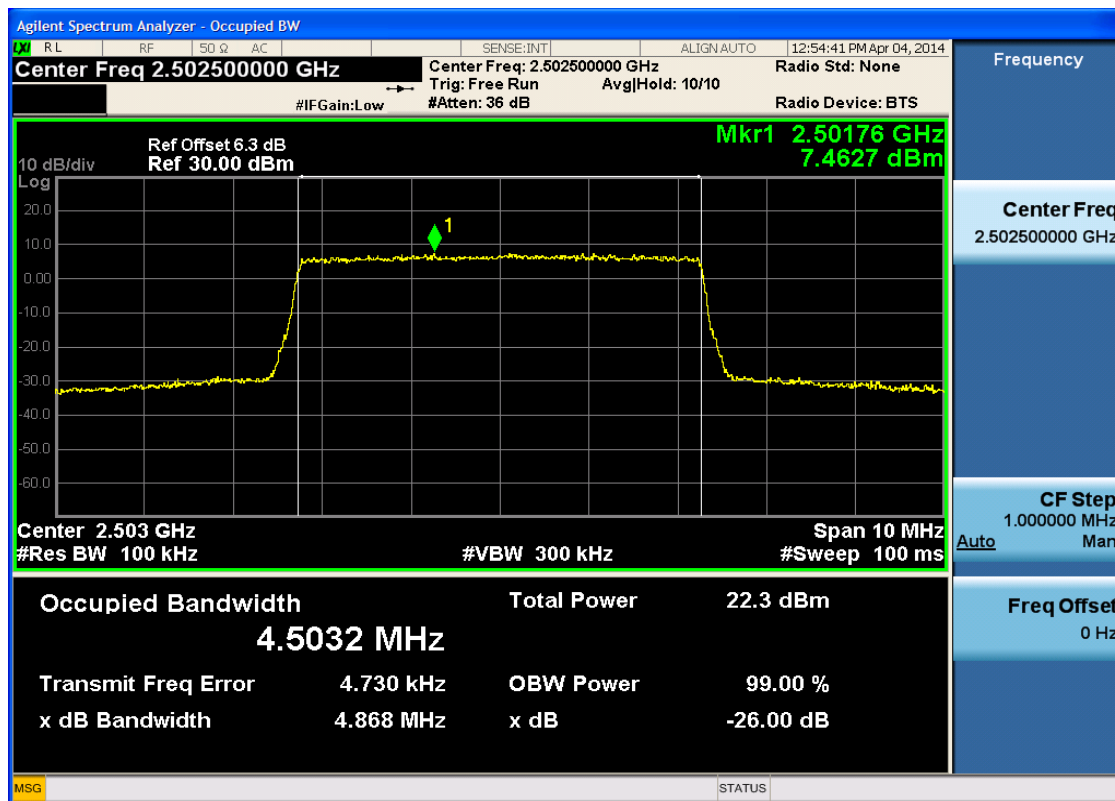
4.3.2 Test Band = BAND7

4.3.2.1 Test Mode = LTE/TM1

4.3.2.1.1 Test Bandwidth = 5

4.3.2.1.1.1 Test Channel = LCH

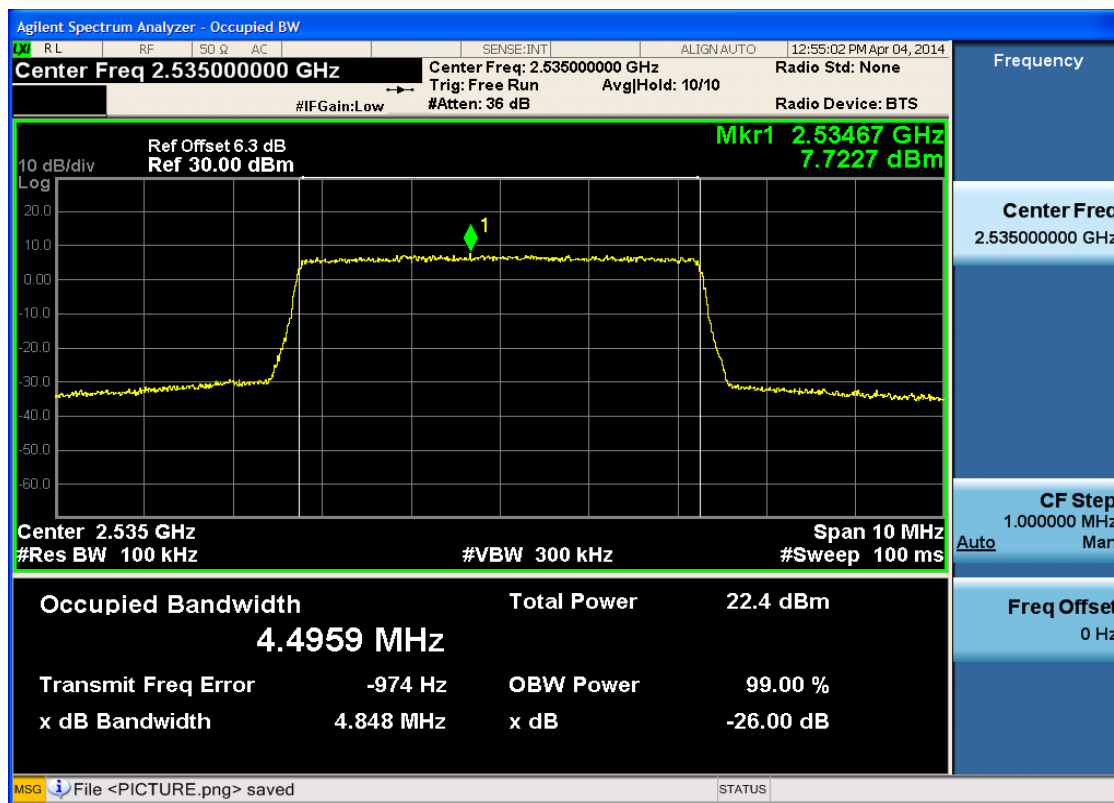
4.3.2.1.1.1.1 Test RB = RB25#0





4.3.2.1.1.2 Test Channel = MCH

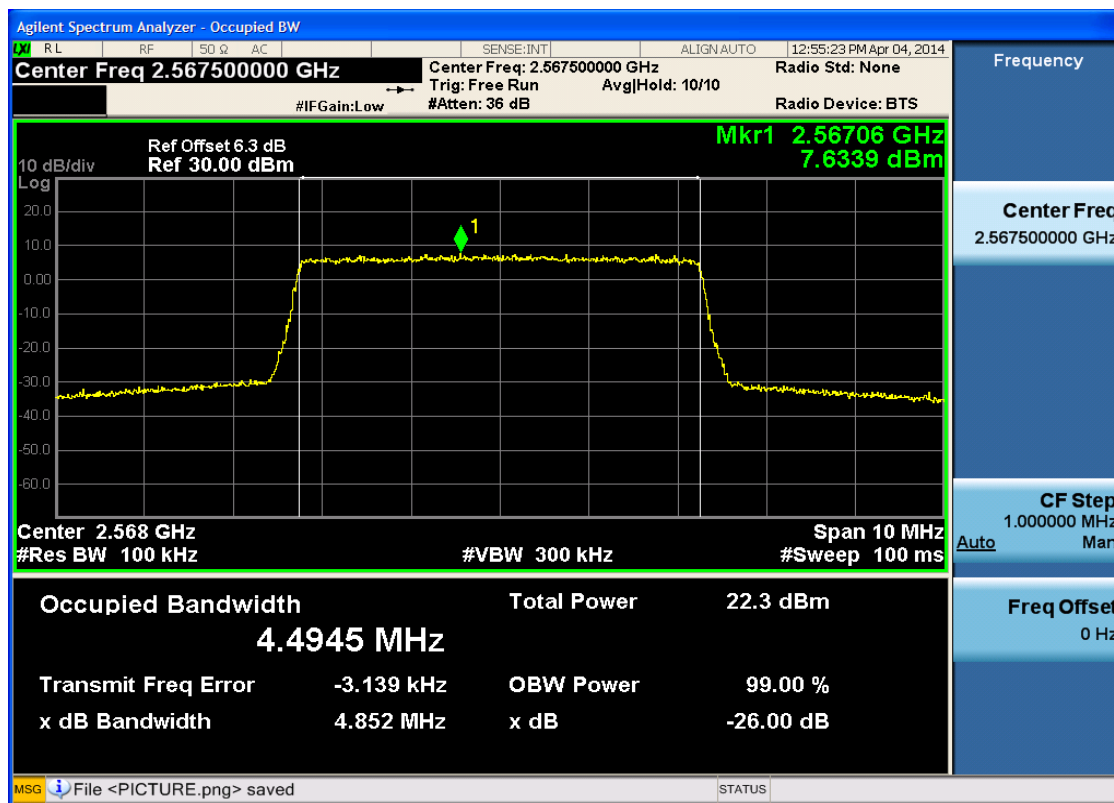
4.3.2.1.1.2.1 Test RB = RB25#0





4.3.2.1.1.3 Test Channel = HCH

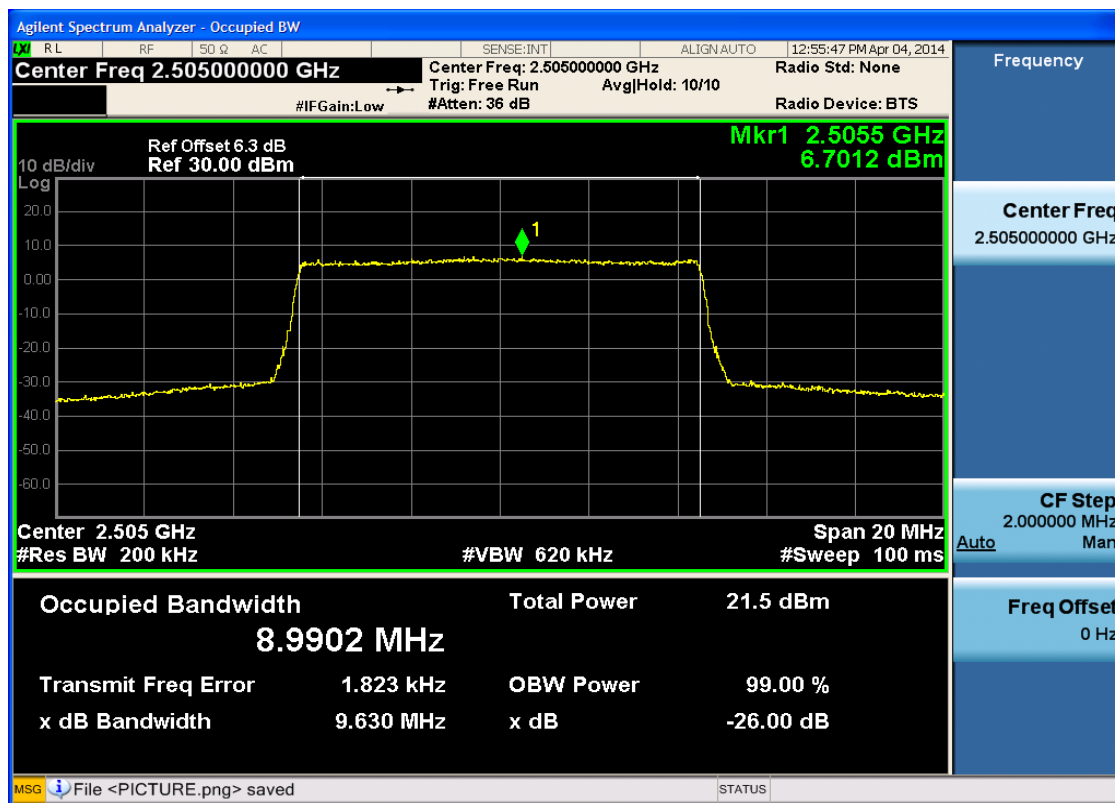
4.3.2.1.1.3.1 Test RB = RB25#0



4.3.2.1.2 Test Bandwidth = 10

4.3.2.1.2.1 Test Channel = LCH

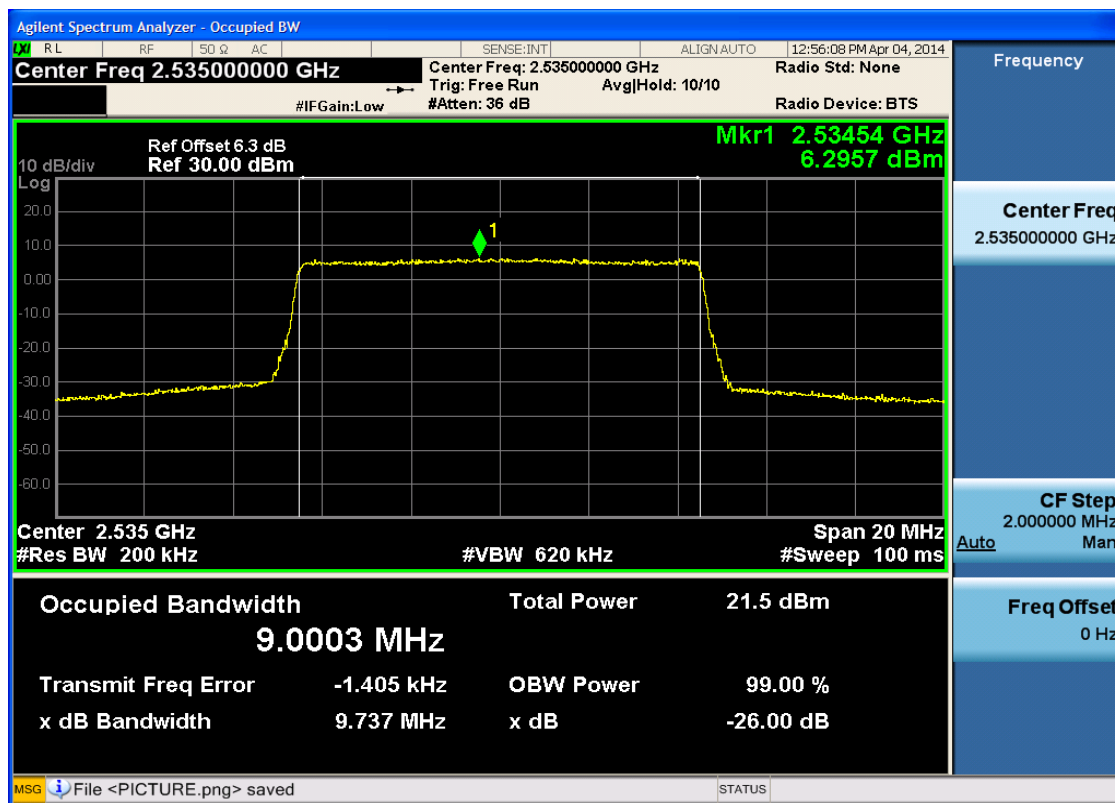
4.3.2.1.2.1.1 Test RB = RB50#0





4.3.2.1.2.2 Test Channel = MCH

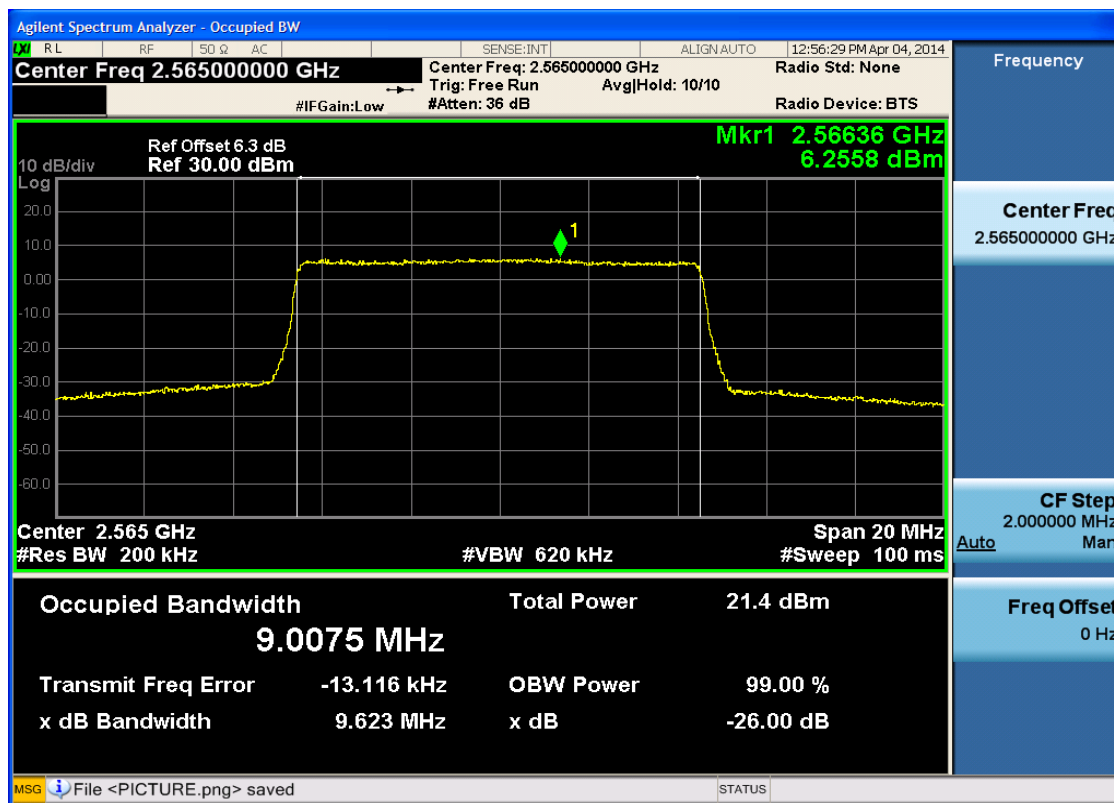
4.3.2.1.2.2.1 Test RB = RB50#0





4.3.2.1.2.3 Test Channel = HCH

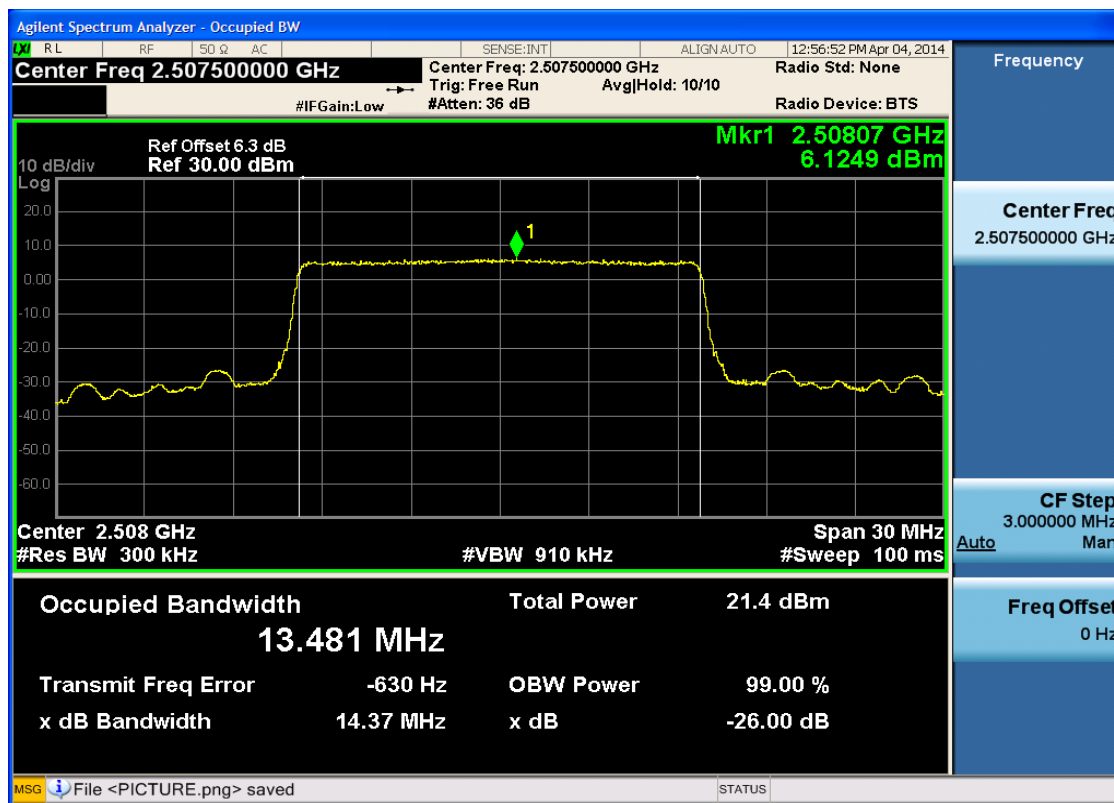
4.3.2.1.2.3.1 Test RB = RB50#0



4.3.2.1.3 Test Bandwidth = 15

4.3.2.1.3.1 Test Channel = LCH

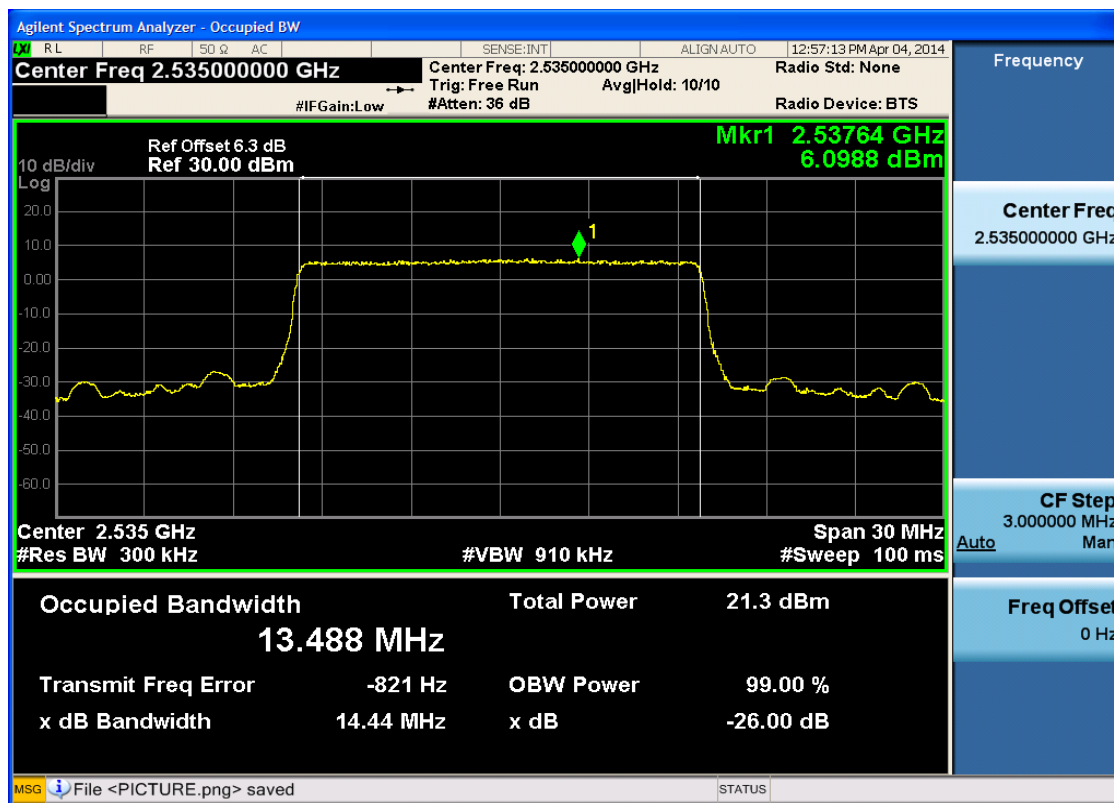
4.3.2.1.3.1.1 Test RB = RB75#0





4.3.2.1.3.2 Test Channel = MCH

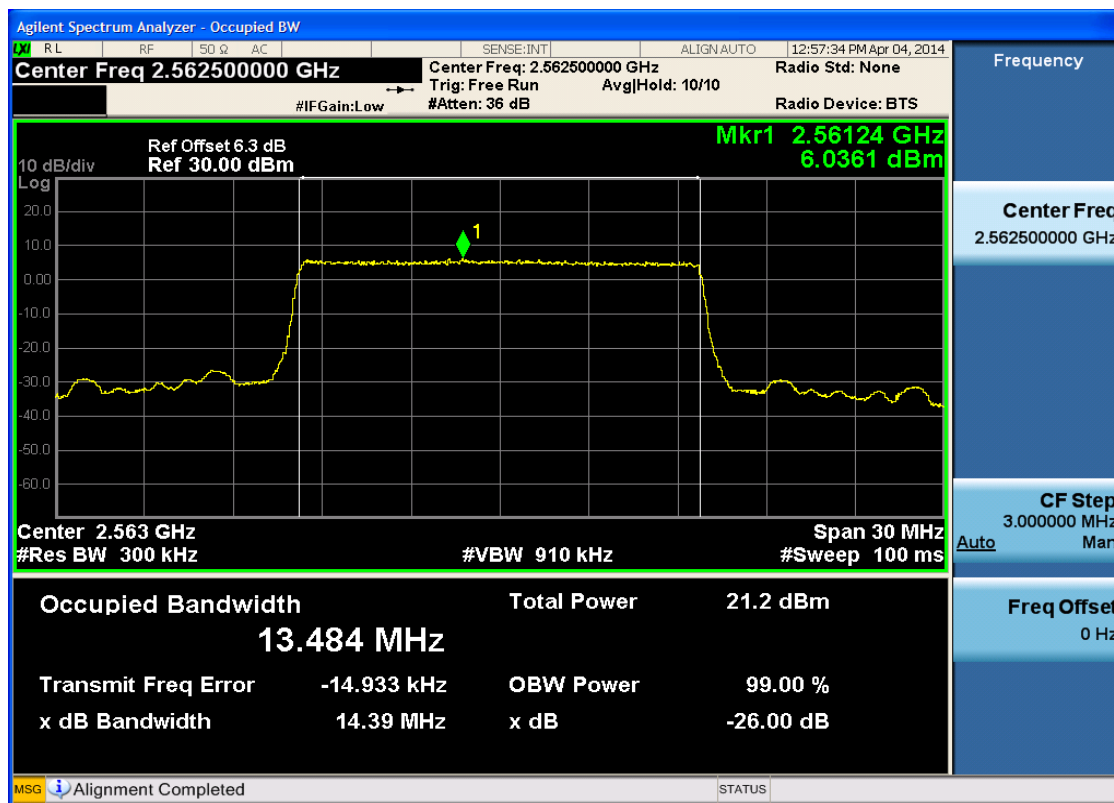
4.3.2.1.3.2.1 Test RB = RB75#0





4.3.2.1.3.3 Test Channel = HCH

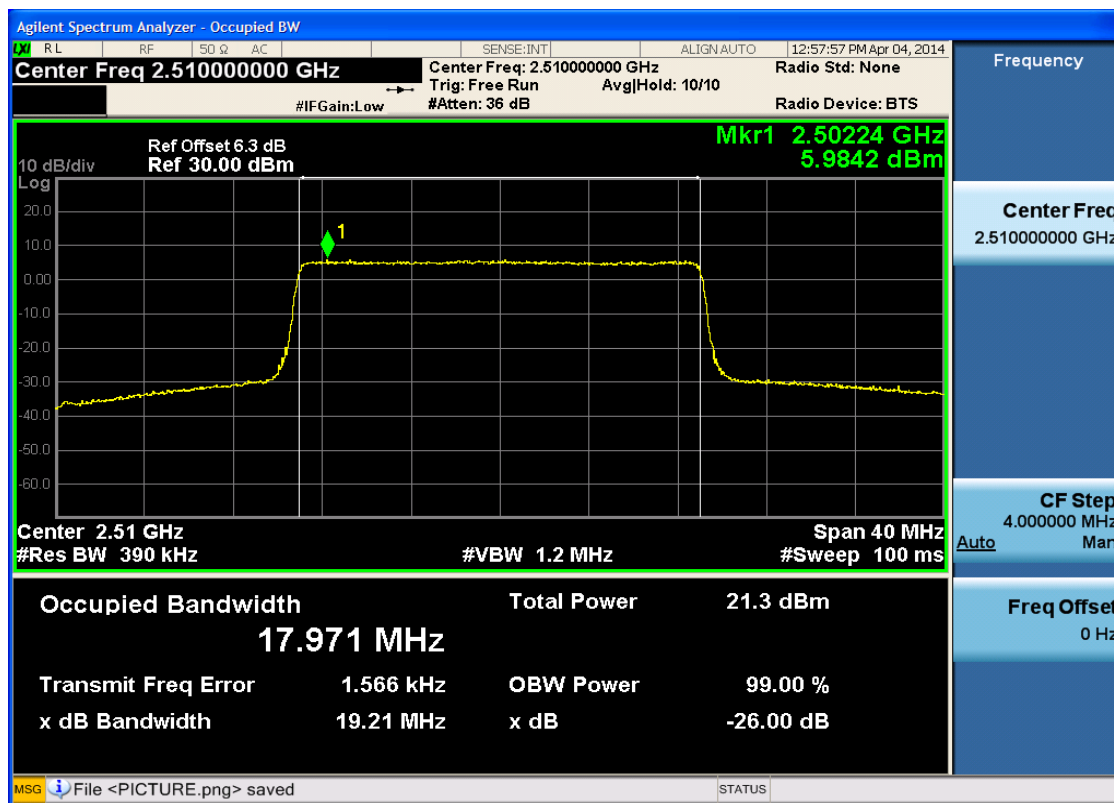
4.3.2.1.3.3.1 Test RB = RB75#0



4.3.2.1.4 Test Bandwidth = 20

4.3.2.1.4.1 Test Channel = LCH

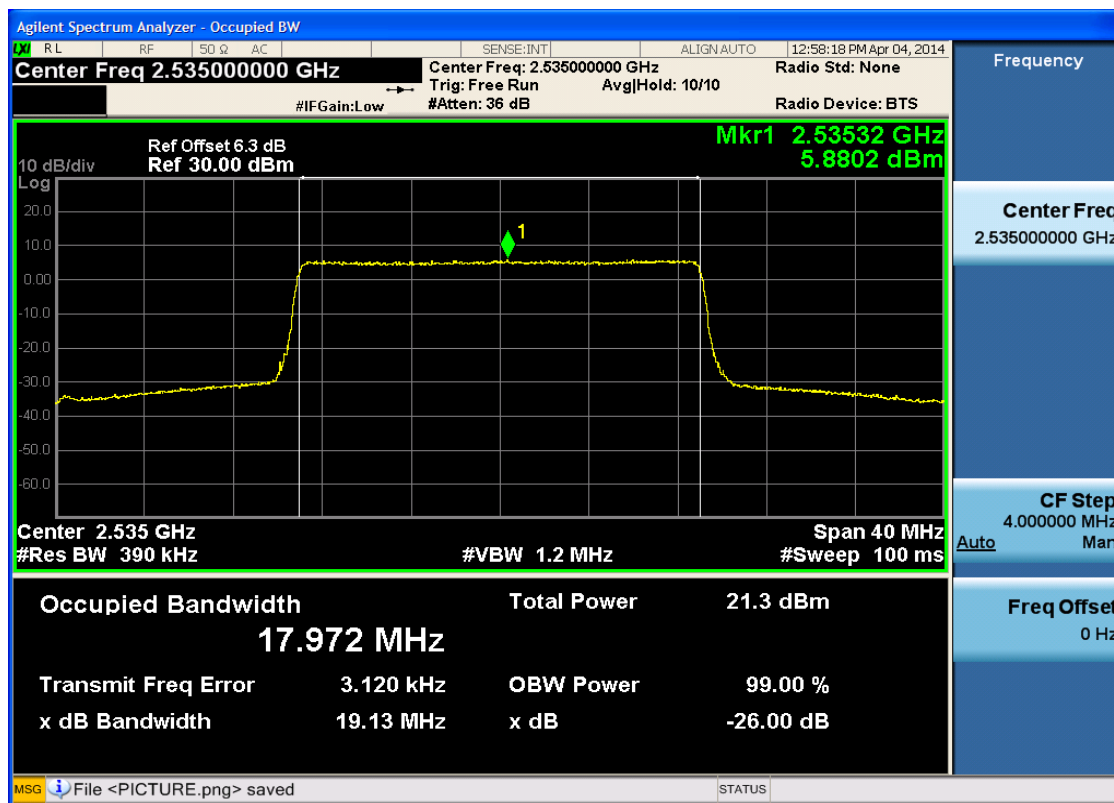
4.3.2.1.4.1.1 Test RB = RB100#0





4.3.2.1.4.2 Test Channel = MCH

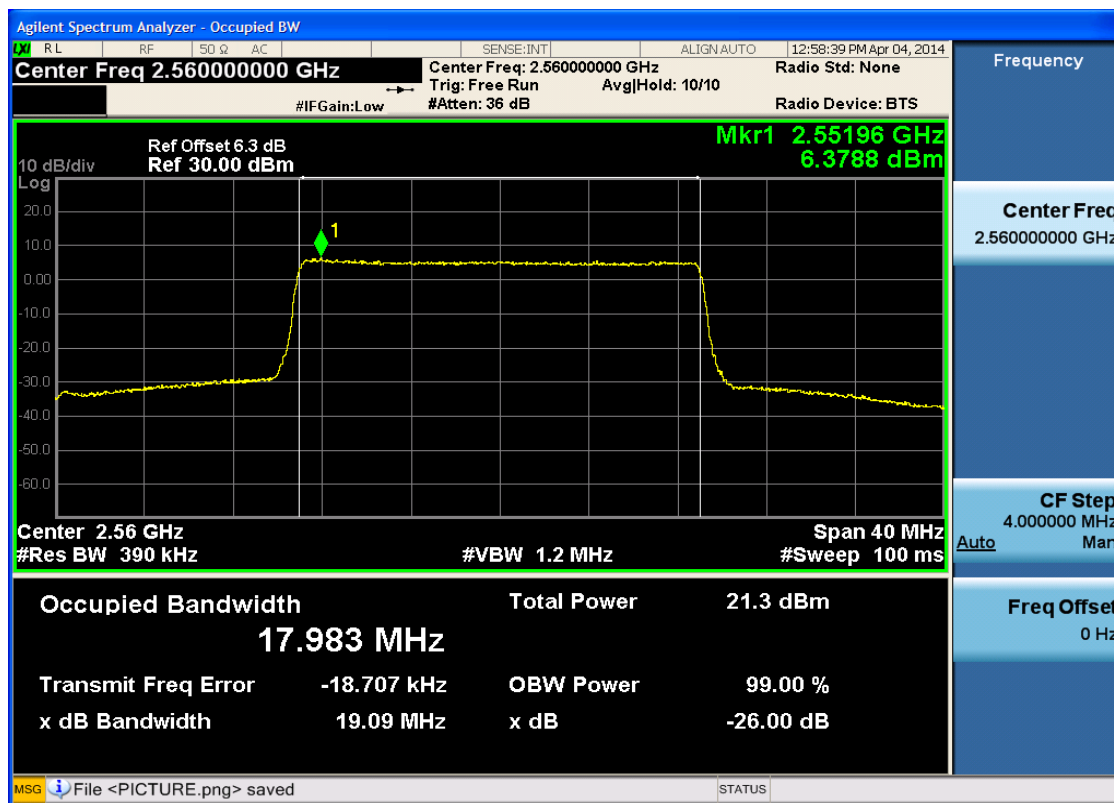
4.3.2.1.4.2.1 Test RB = RB100#0





4.3.2.1.4.3 Test Channel = HCH

4.3.2.1.4.3.1 Test RB = RB100#0

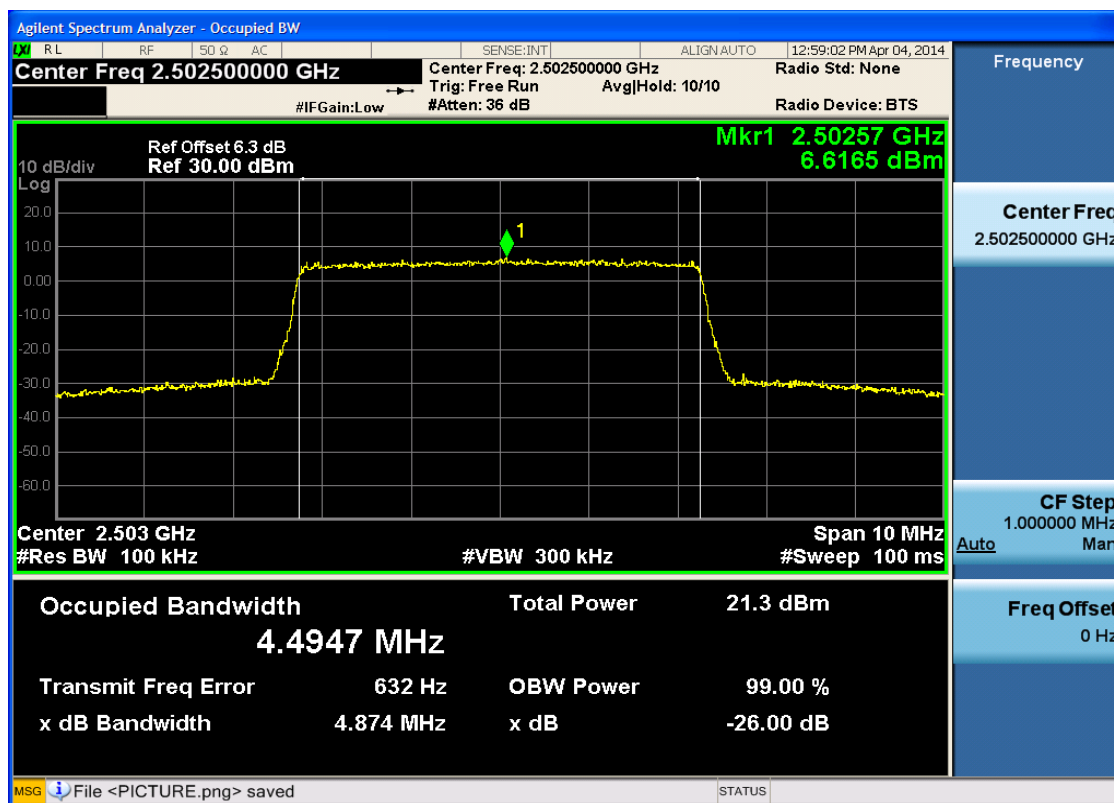


4.3.2.2 Test Mode = LTE/TM2

4.3.2.2.1 Test Bandwidth = 5

4.3.2.2.1.1 Test Channel = LCH

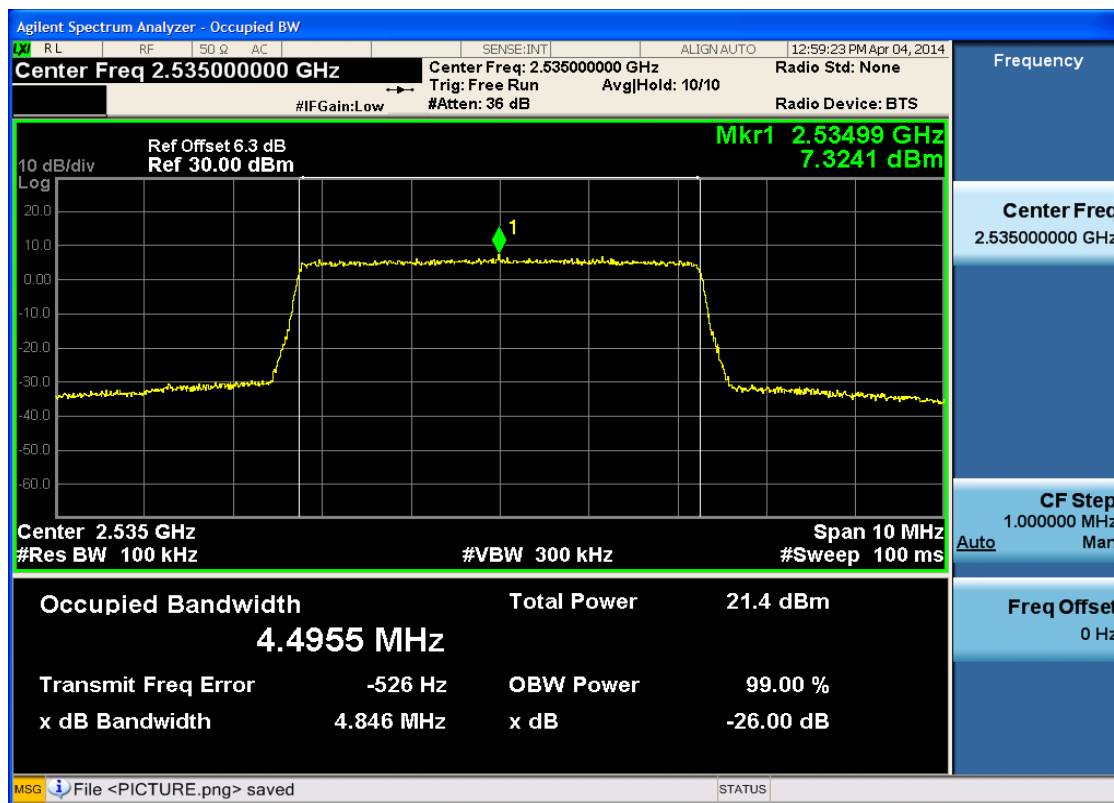
4.3.2.2.1.1.1 Test RB = RB25#0





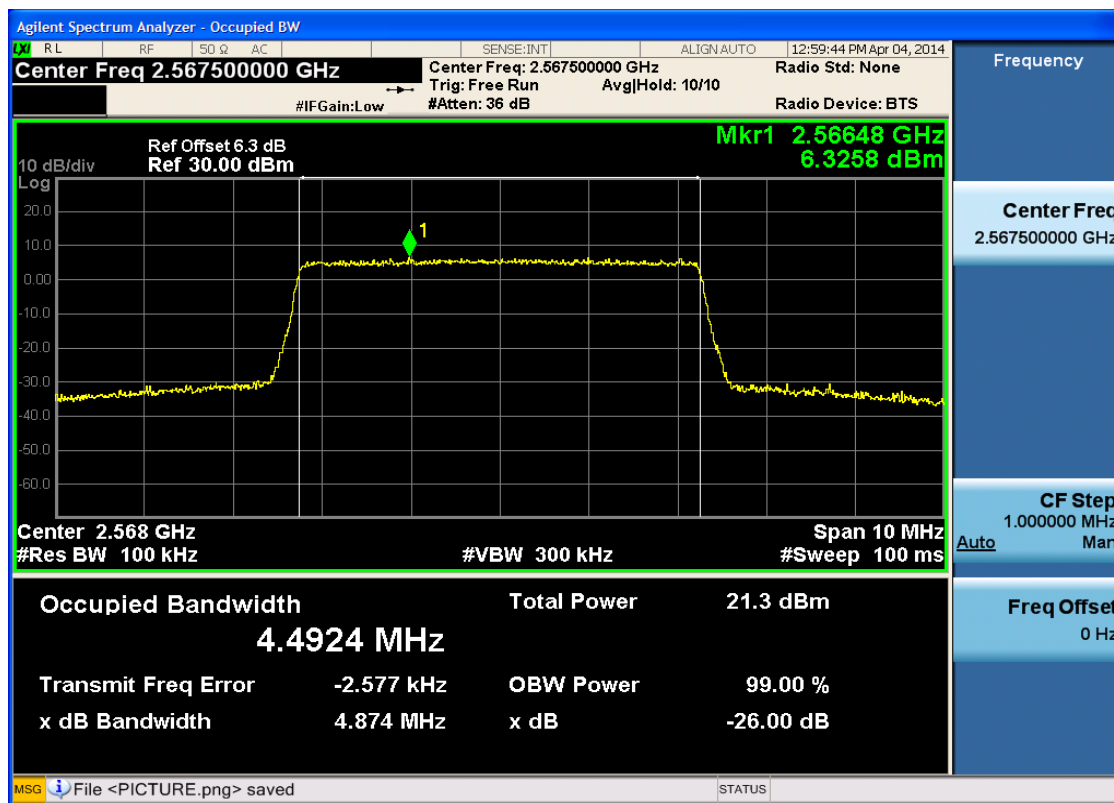
4.3.2.2.1.2 Test Channel = MCH

4.3.2.2.1.2.1 Test RB = RB25#0



4.3.2.2.1.3 Test Channel = HCH

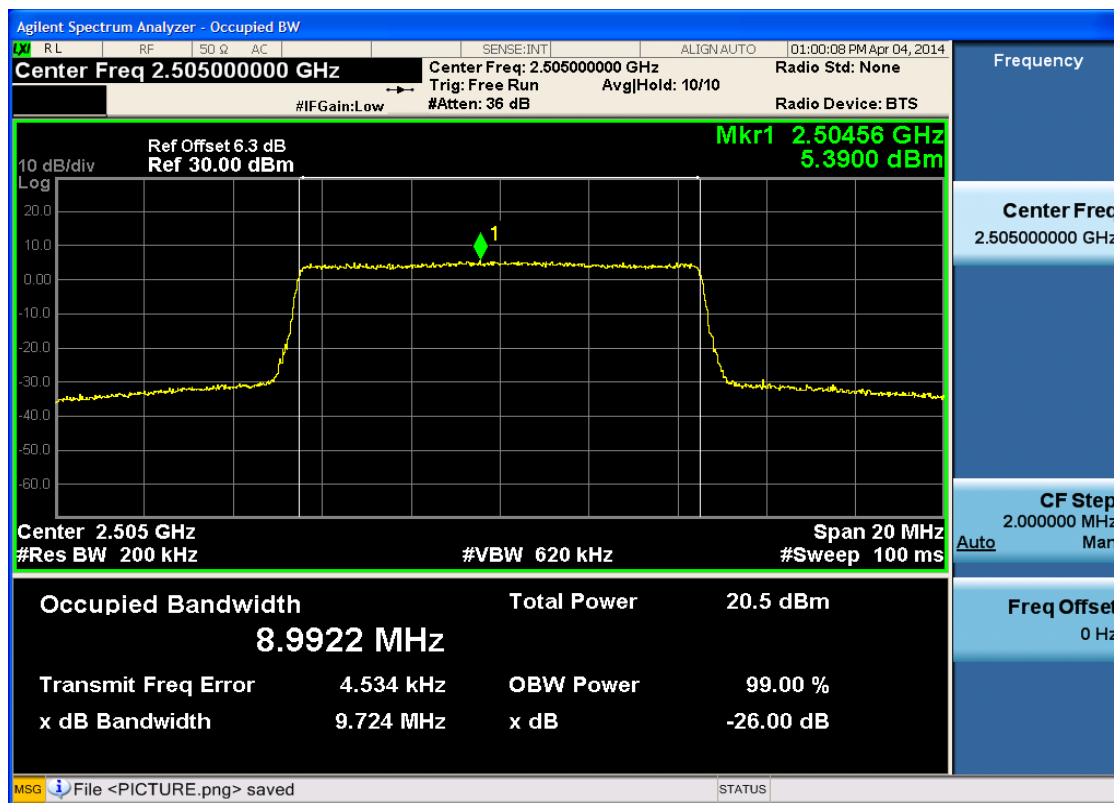
4.3.2.2.1.3.1 Test RB = RB25#0



4.3.2.2.2 Test Bandwidth = 10

4.3.2.2.2.1 Test Channel = LCH

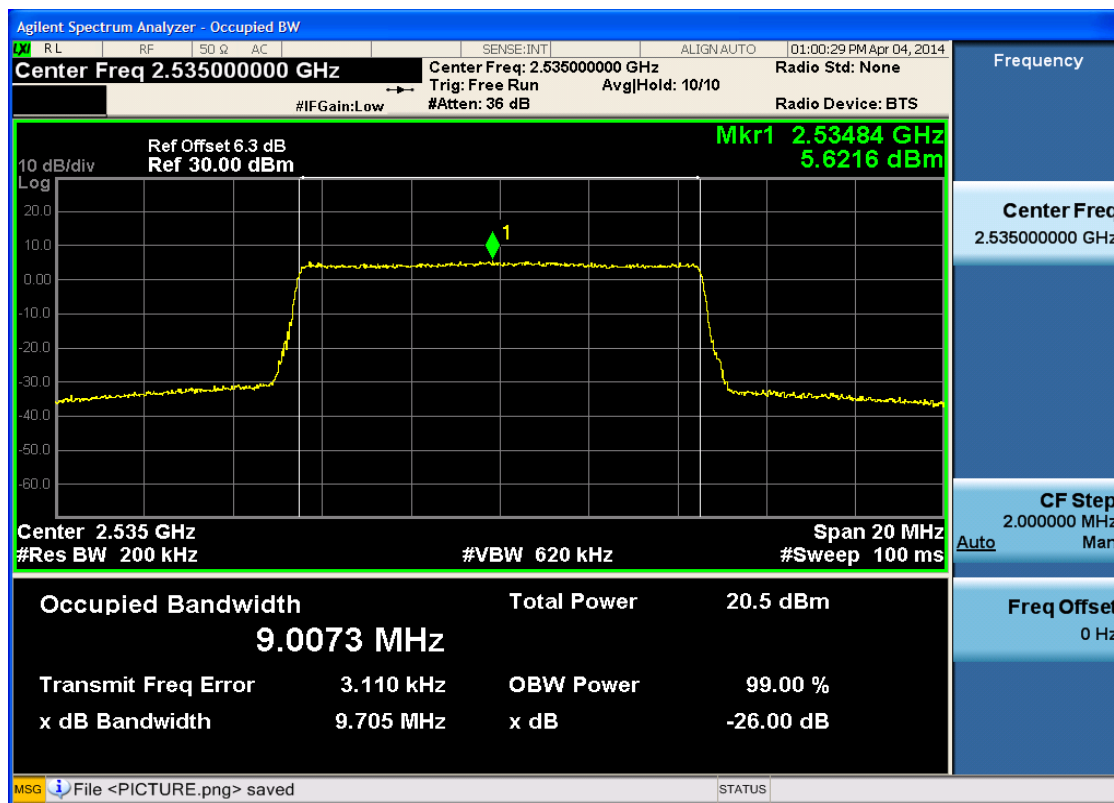
4.3.2.2.2.1.1 Test RB = RB50#0





4.3.2.2.2 Test Channel = MCH

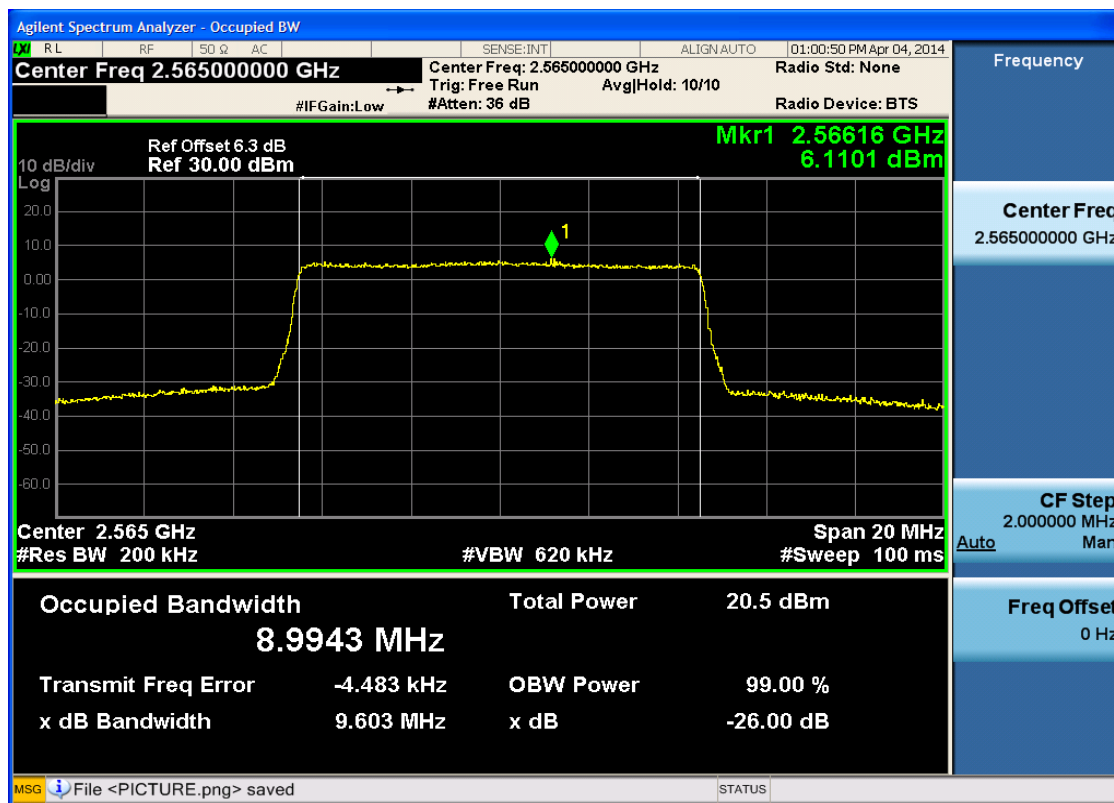
4.3.2.2.2.1 Test RB = RB50#0





4.3.2.2.2.3 Test Channel = HCH

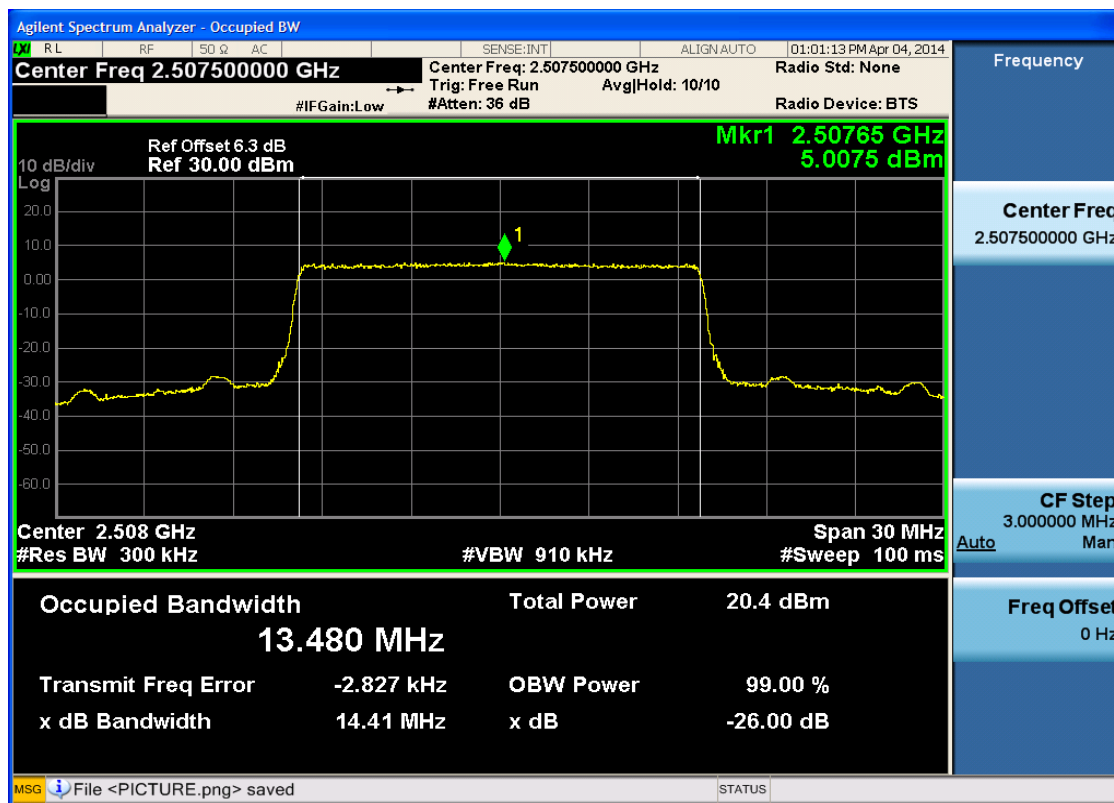
4.3.2.2.2.3.1 Test RB = RB50#0



4.3.2.2.3 Test Bandwidth = 15

4.3.2.2.3.1 Test Channel = LCH

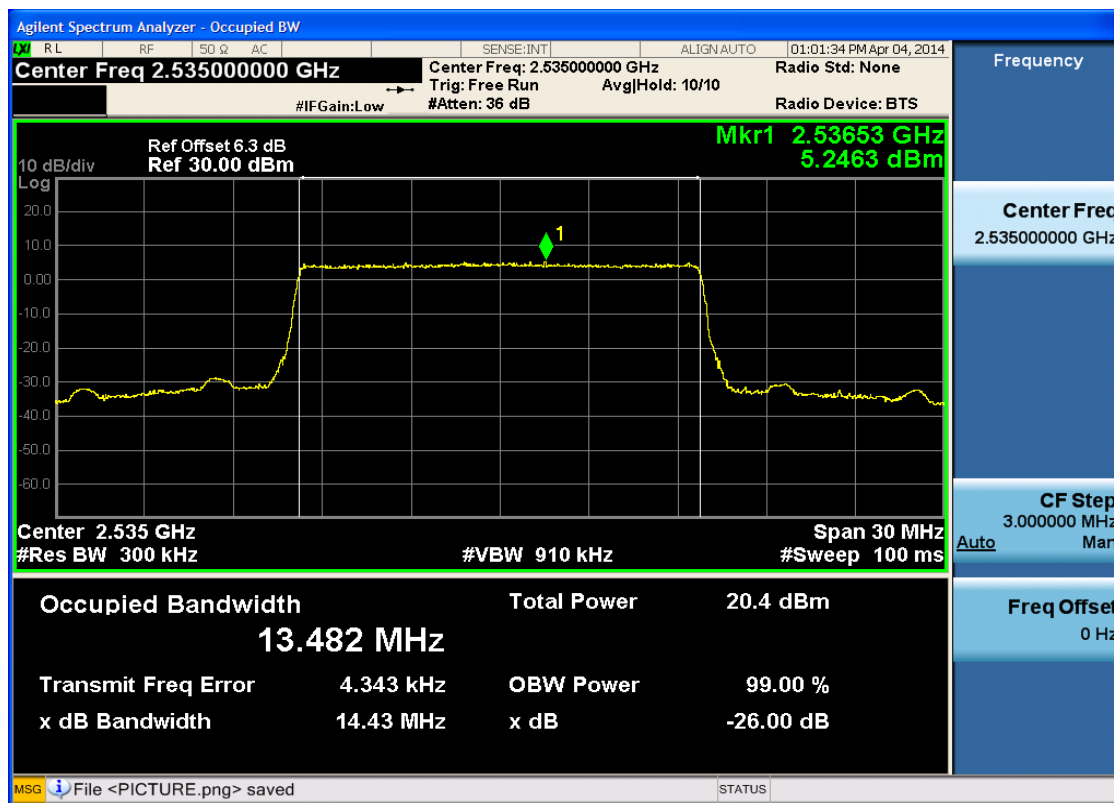
4.3.2.2.3.1.1 Test RB = RB75#0





4.3.2.2.3.2 Test Channel = MCH

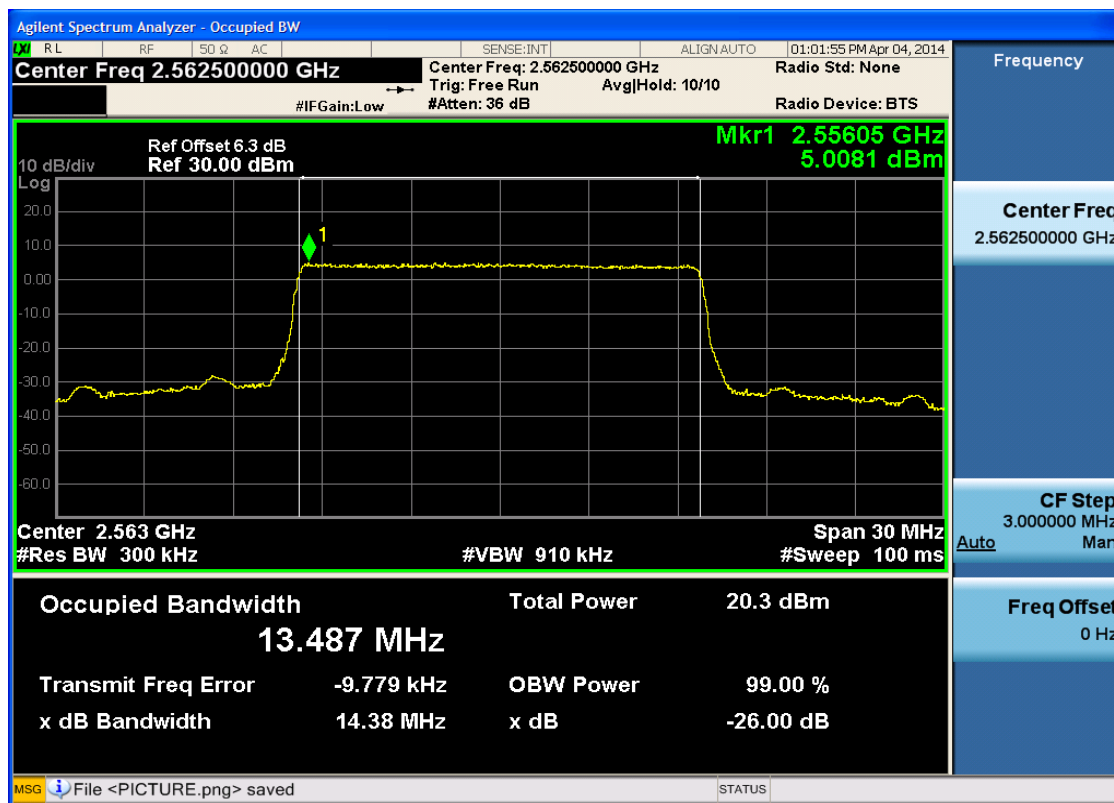
4.3.2.2.3.2.1 Test RB = RB75#0





4.3.2.2.3.3 Test Channel = HCH

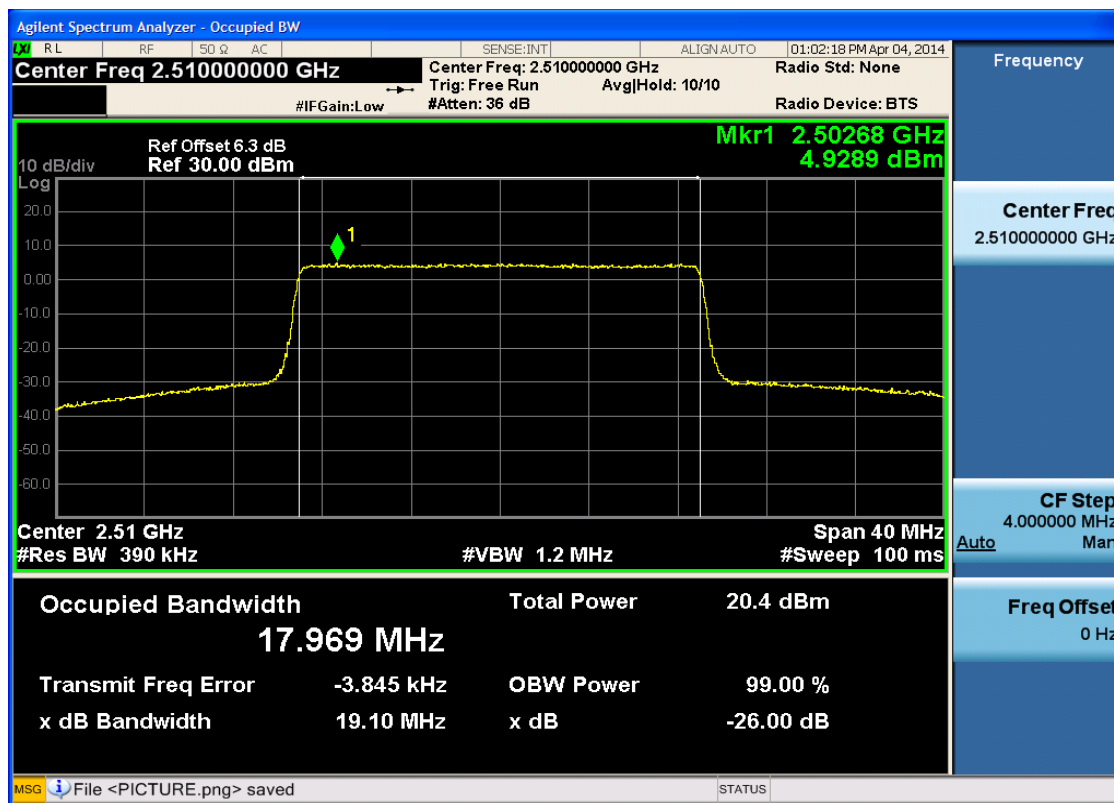
4.3.2.2.3.3.1 Test RB = RB75#0



4.3.2.2.4 Test Bandwidth = 20

4.3.2.2.4.1 Test Channel = LCH

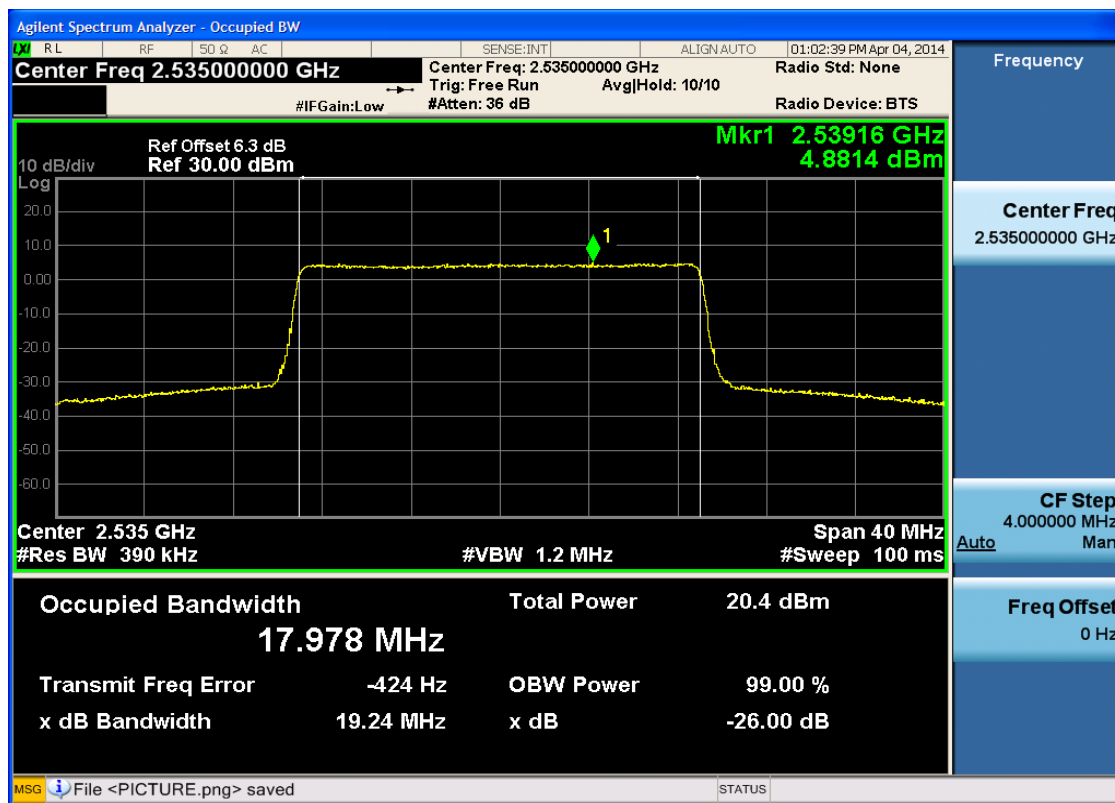
4.3.2.2.4.1.1 Test RB = RB100#0





4.3.2.2.4.2 Test Channel = MCH

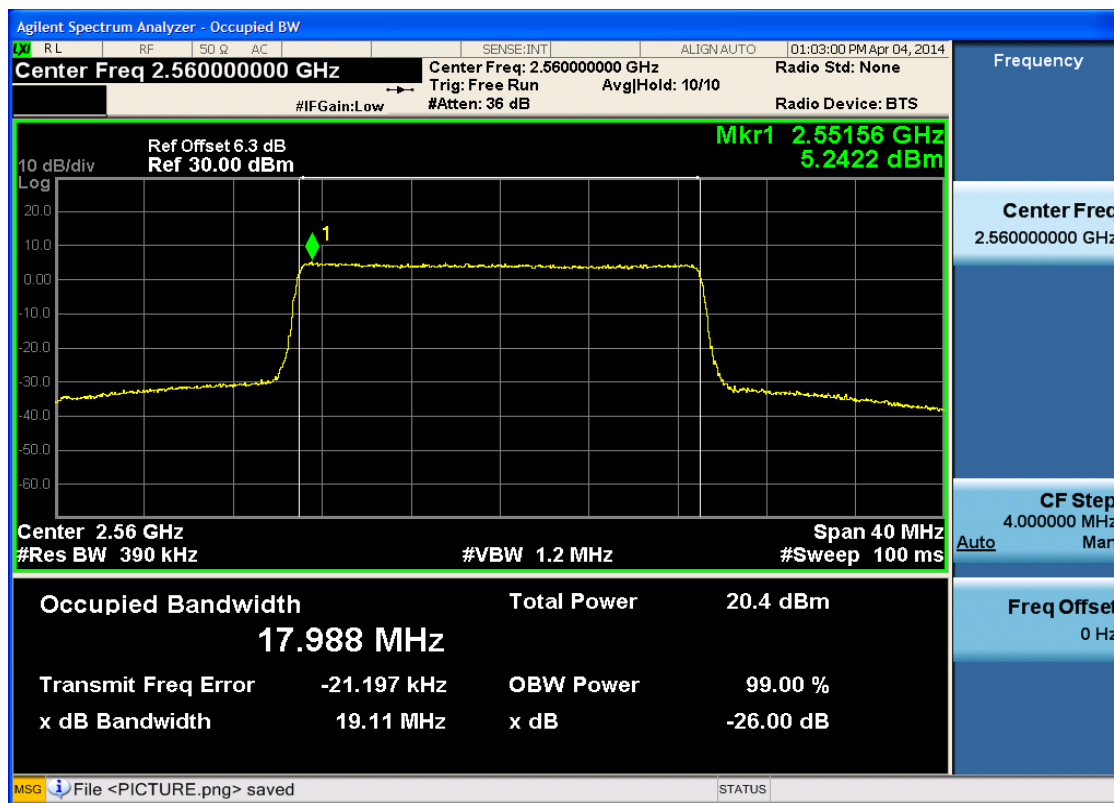
4.3.2.2.4.2.1 Test RB = RB100#0





4.3.2.2.4.3 Test Channel = HCH

4.3.2.2.4.3.1 Test RB = RB100#0



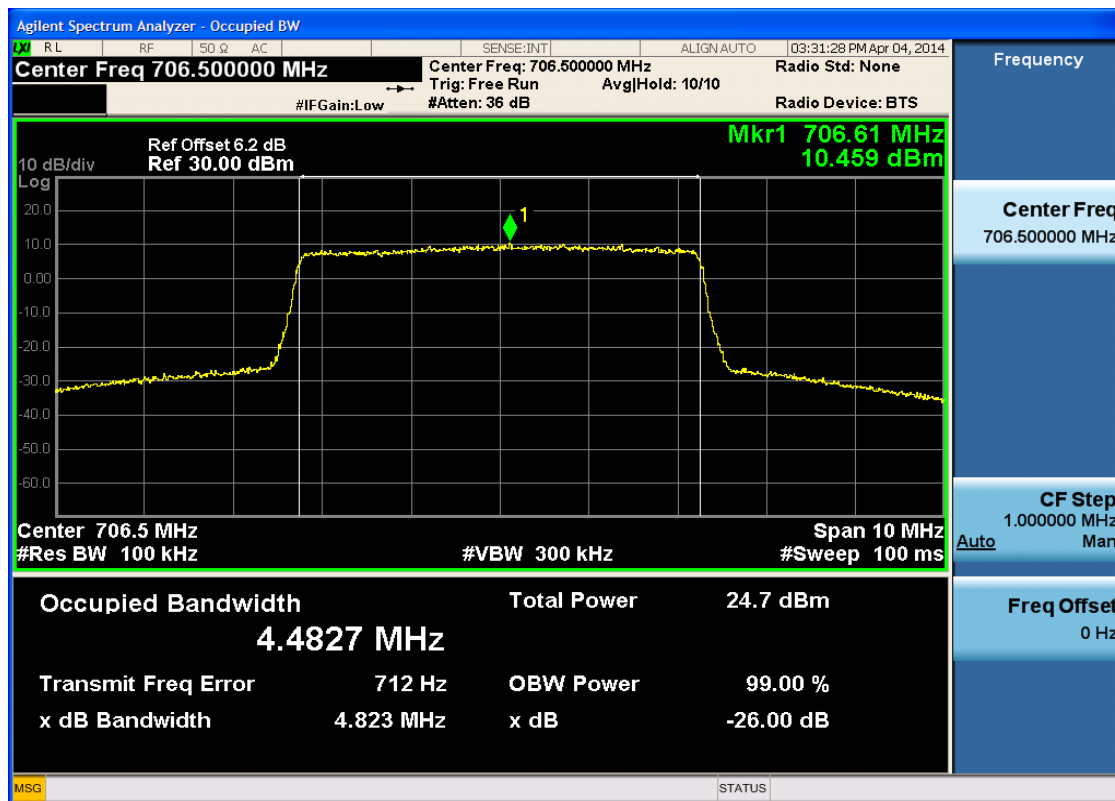
4.3.3 Test Band = BAND17

4.3.3.1 Test Mode = LTE/TM1

4.3.3.1.1 Test Bandwidth = 5

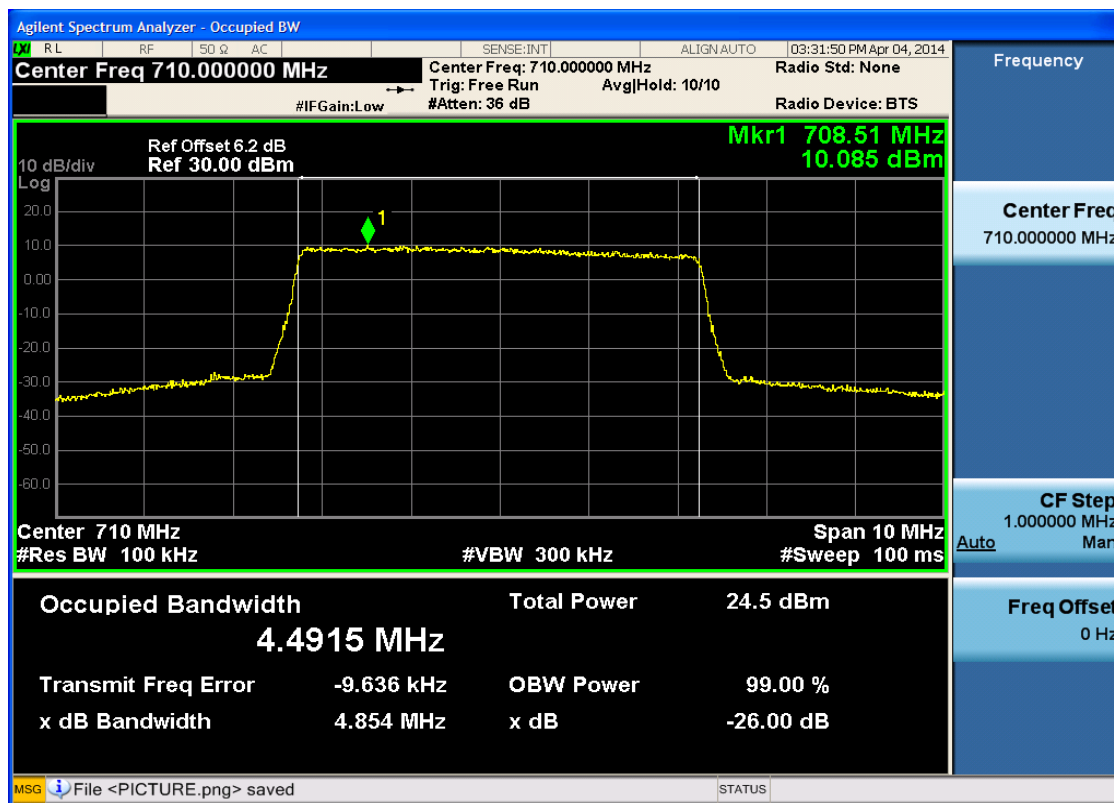
4.3.3.1.1.1 Test Channel = LCH

4.3.3.1.1.1.1 Test RB = RB25#0



4.3.3.1.1.2 Test Channel = MCH

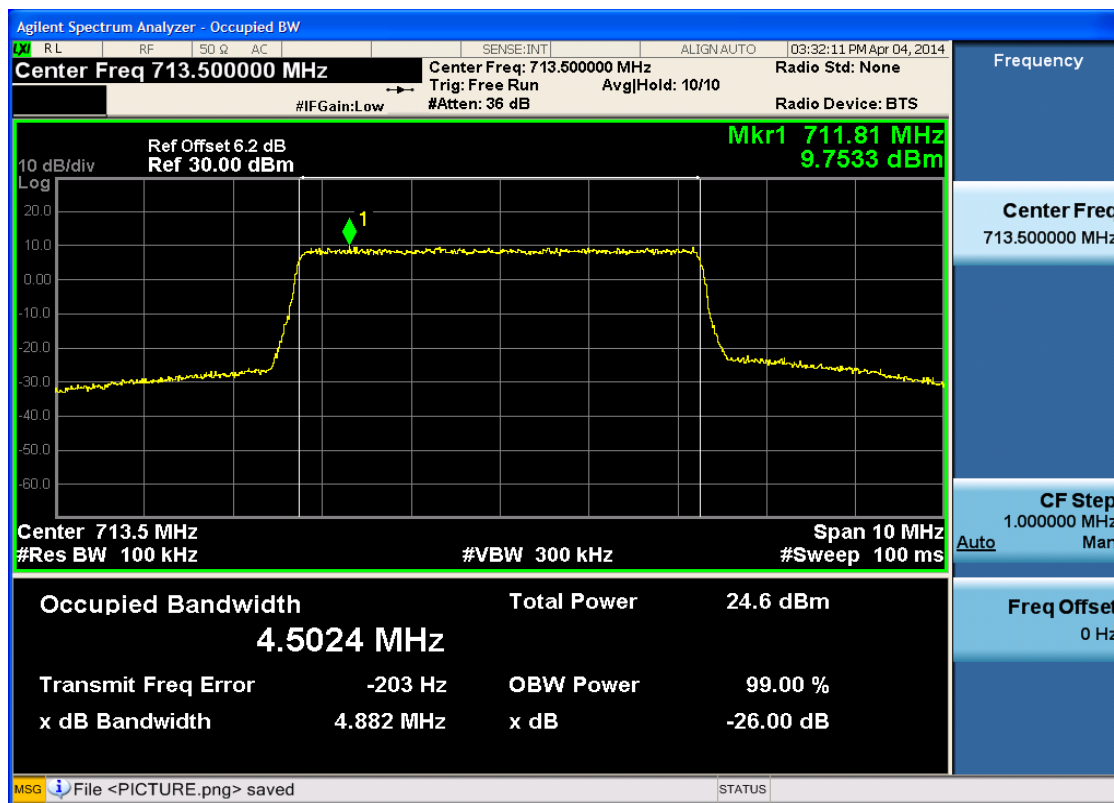
4.3.3.1.1.2.1 Test RB = RB25#0





4.3.3.1.1.3 Test Channel = HCH

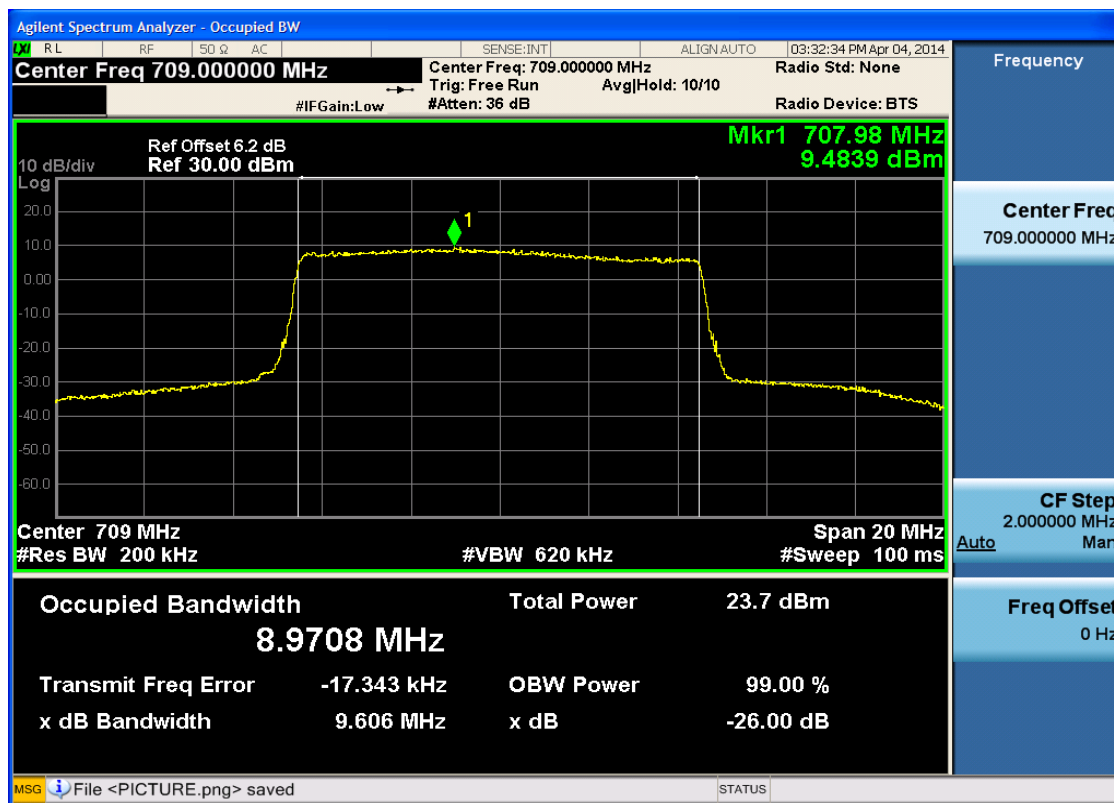
4.3.3.1.1.3.1 Test RB = RB25#0



4.3.3.1.2 Test Bandwidth = 10

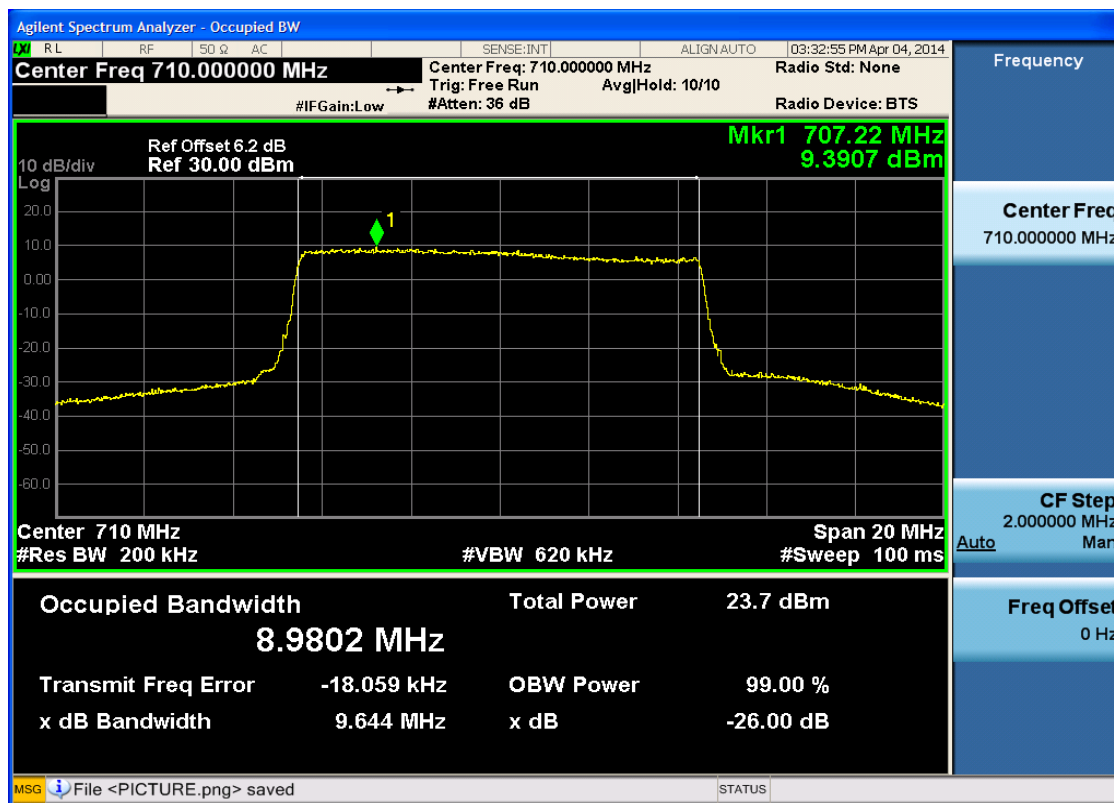
4.3.3.1.2.1 Test Channel = LCH

4.3.3.1.2.1.1 Test RB = RB50#0



4.3.3.1.2.2 Test Channel = MCH

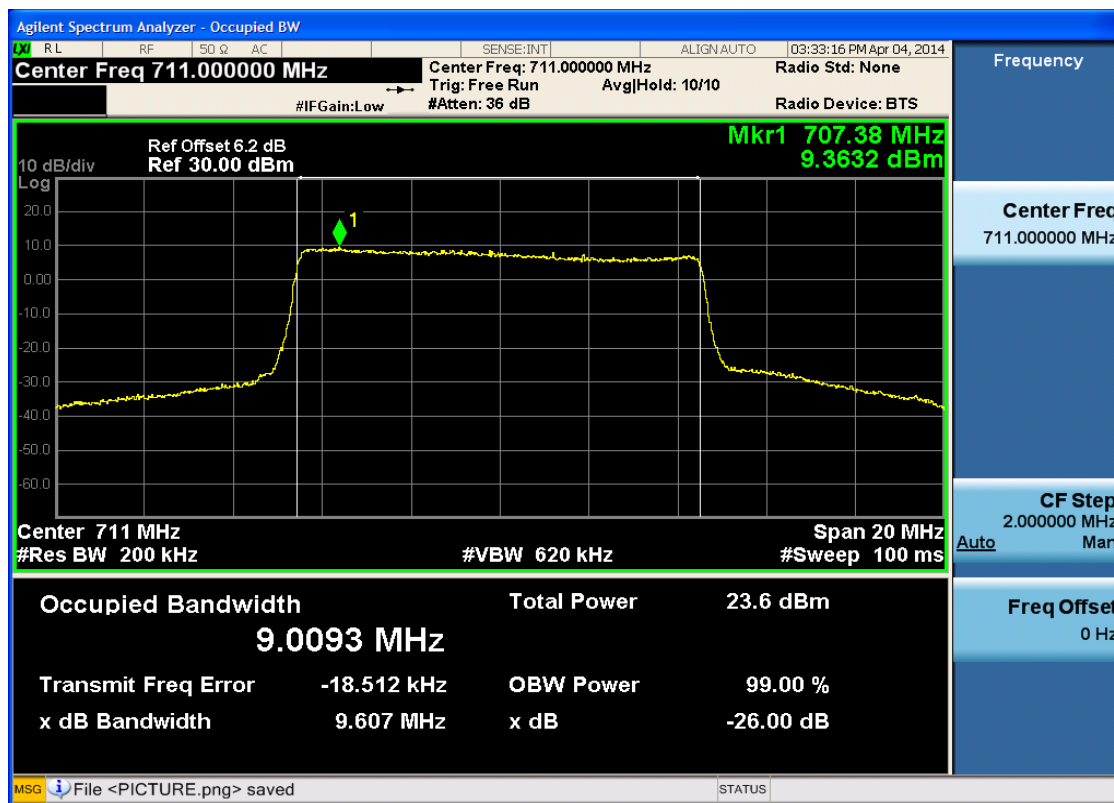
4.3.3.1.2.2.1 Test RB = RB50#0





4.3.3.1.2.3 Test Channel = HCH

4.3.3.1.2.3.1 Test RB = RB50#0

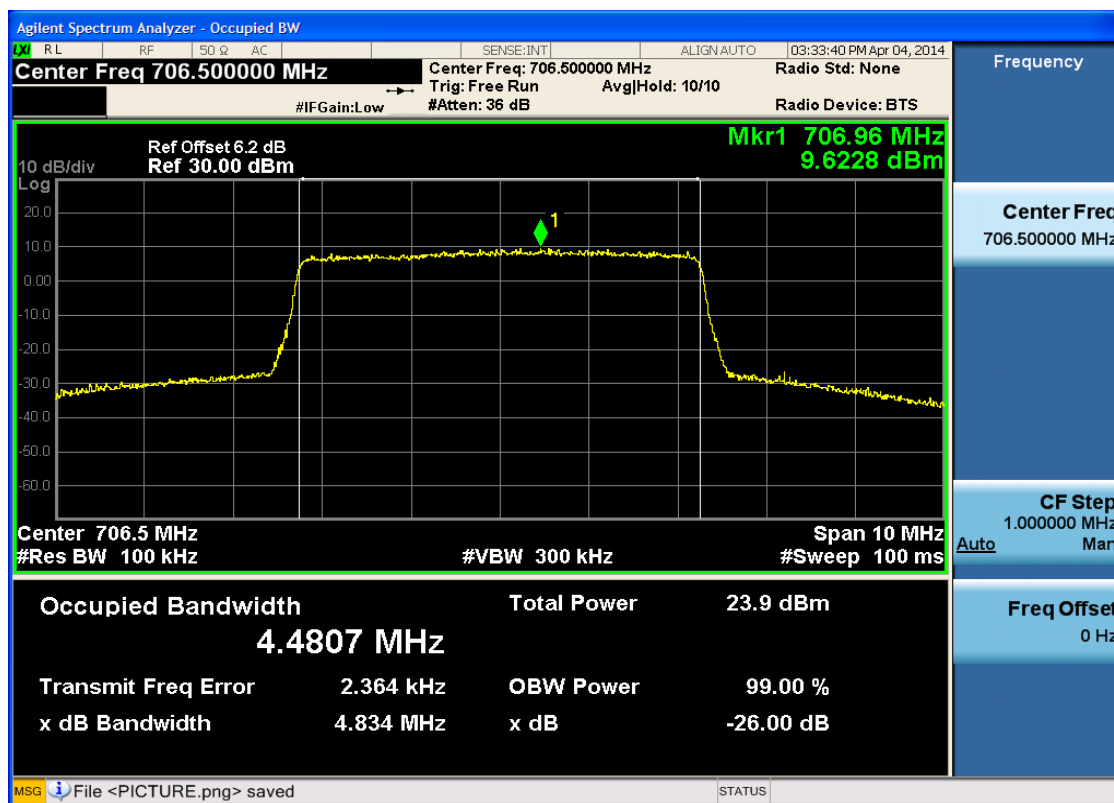


4.3.3.2 Test Mode = LTE/TM2

4.3.3.2.1 Test Bandwidth = 5

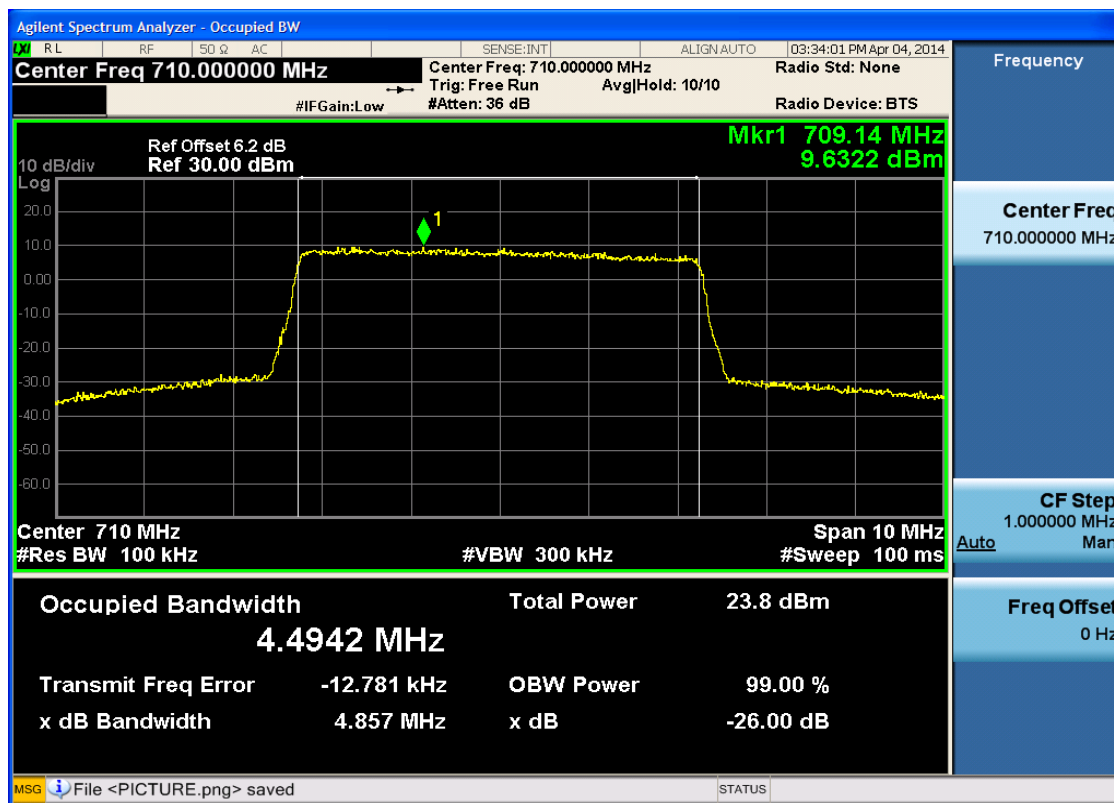
4.3.3.2.1.1 Test Channel = LCH

4.3.3.2.1.1.1 Test RB = RB25#0



4.3.3.2.1.2 Test Channel = MCH

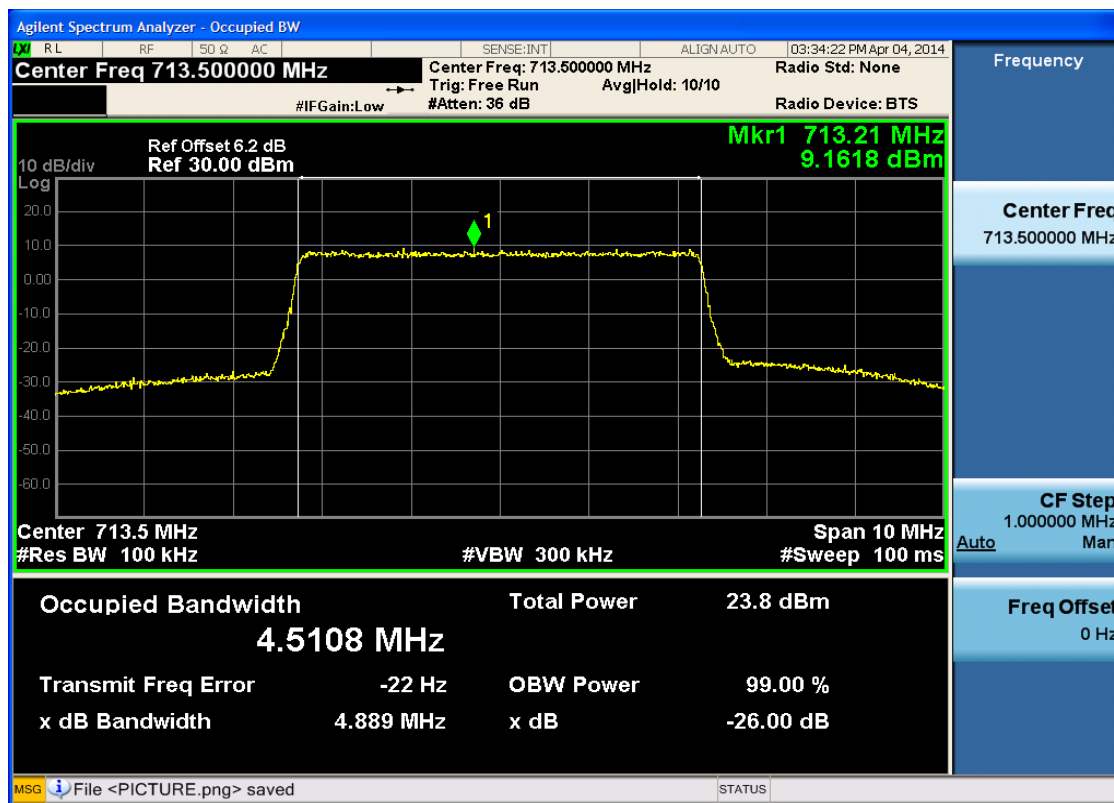
4.3.3.2.1.2.1 Test RB = RB25#0





4.3.3.2.1.3 Test Channel = HCH

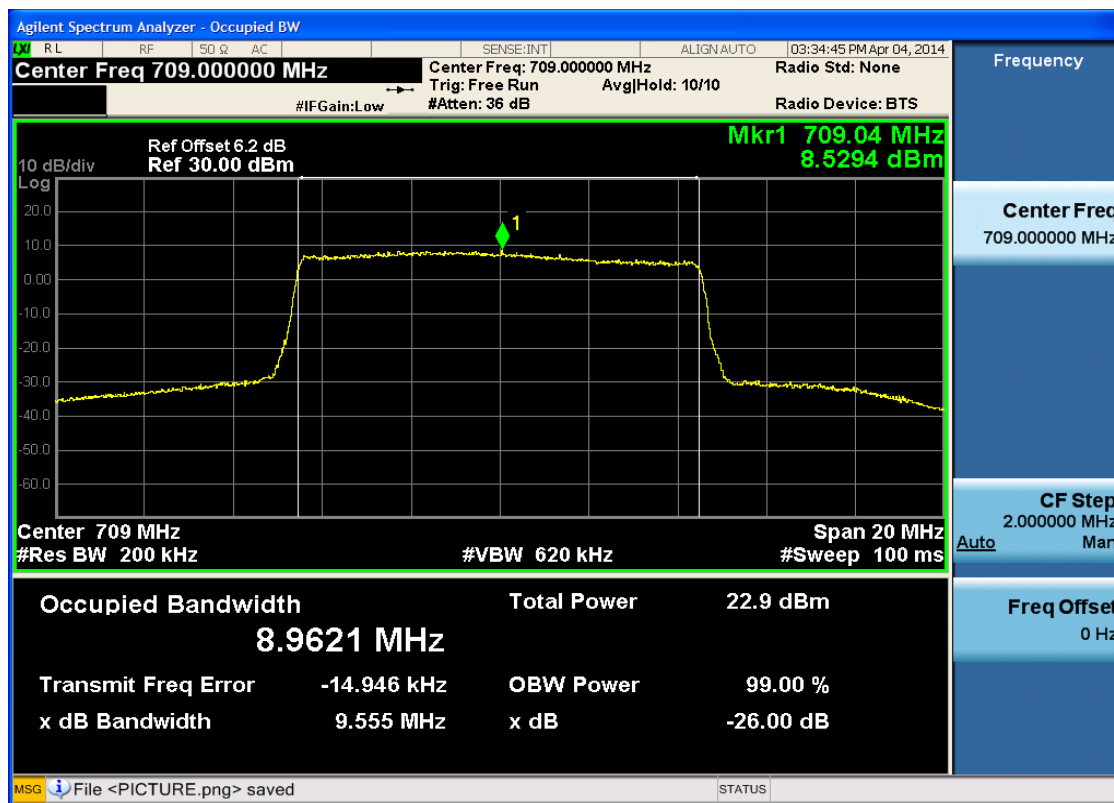
4.3.3.2.1.3.1 Test RB = RB25#0



4.3.3.2.2 Test Bandwidth = 10

4.3.3.2.2.1 Test Channel = LCH

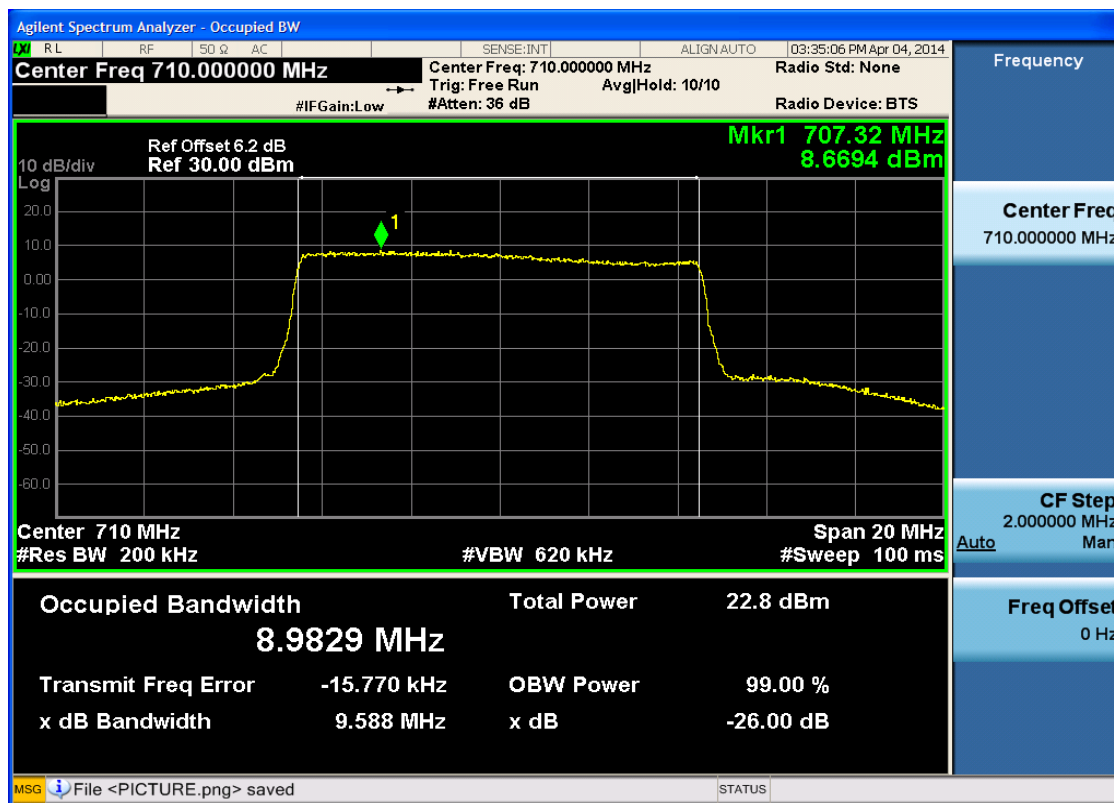
4.3.3.2.2.1.1 Test RB = RB50#0





4.3.3.2.2 Test Channel = MCH

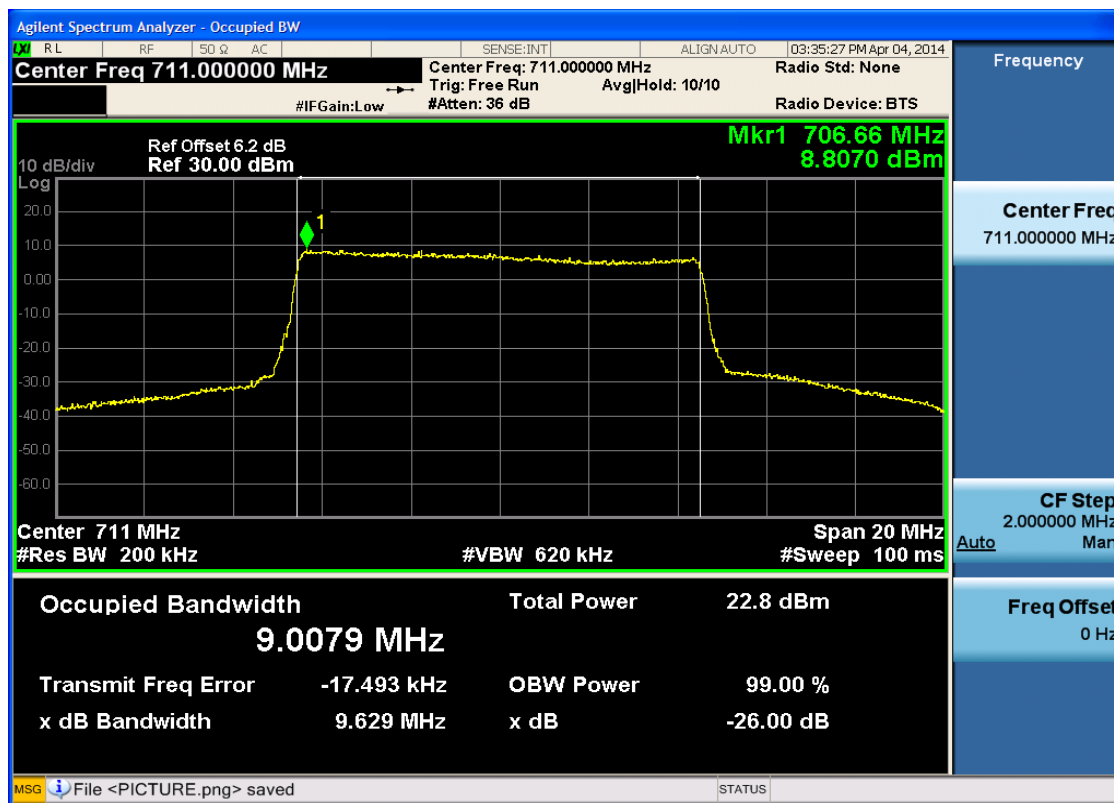
4.3.3.2.2.1 Test RB = RB50#0





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

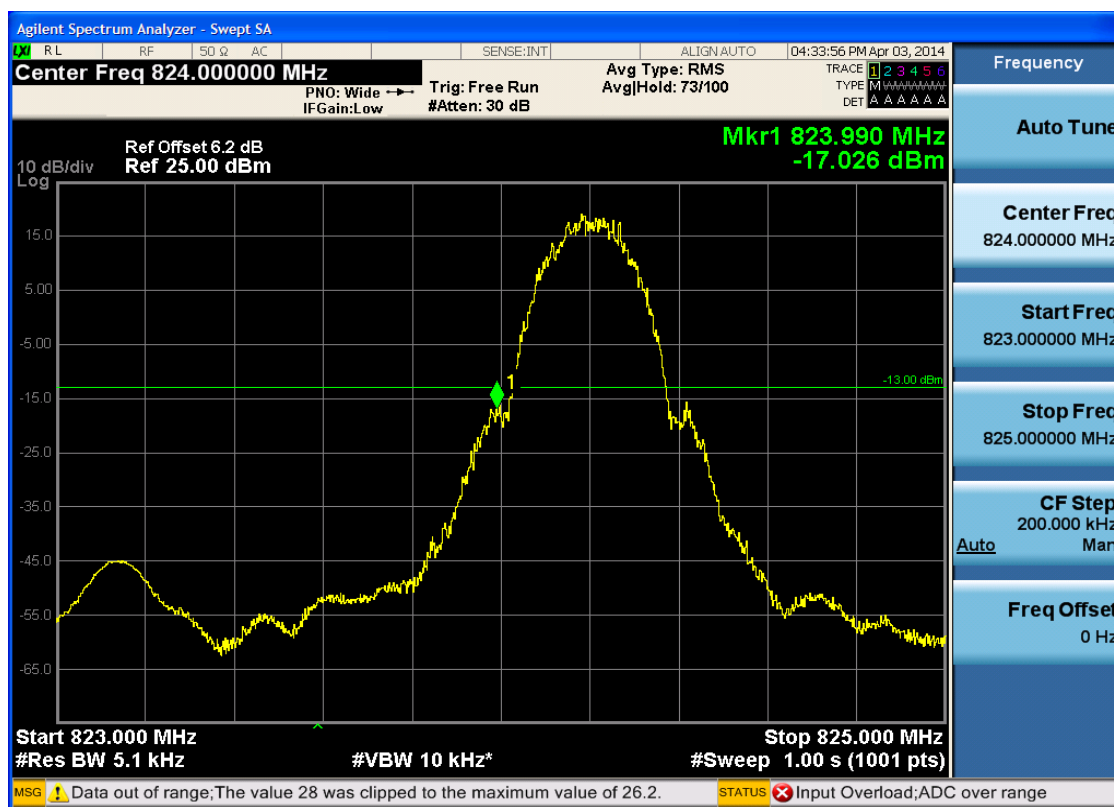
Part I - Test Plots

5.1 For GSM

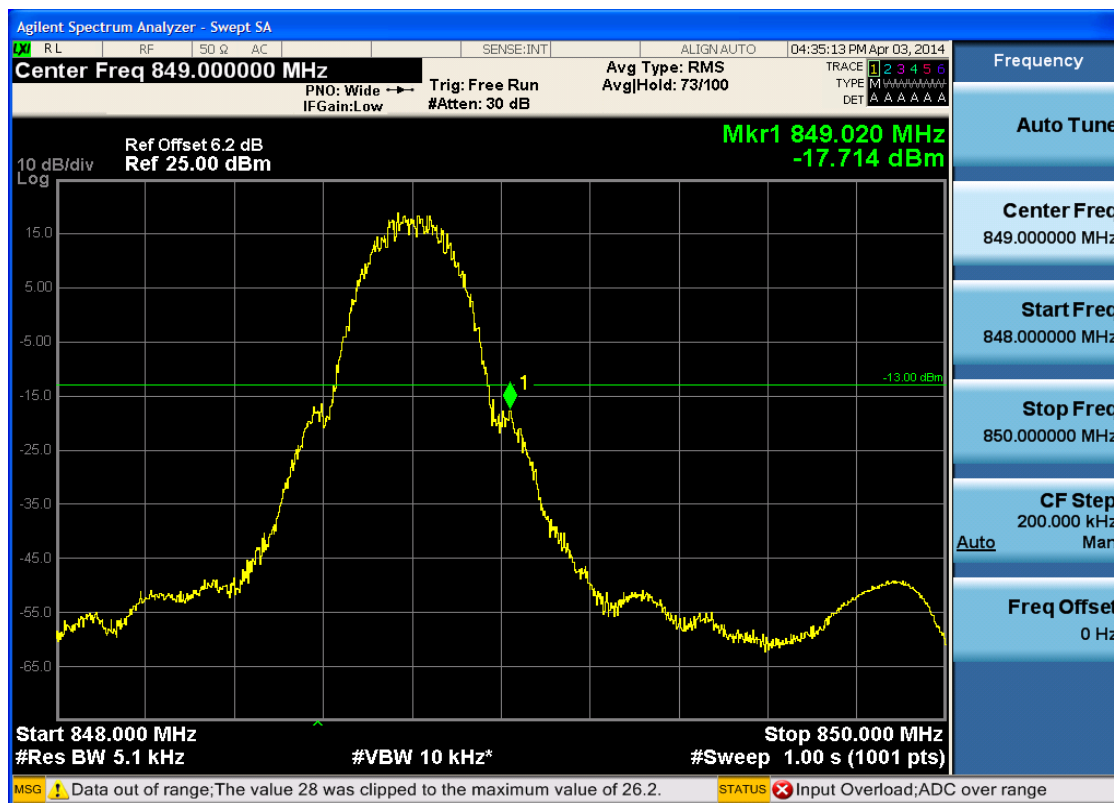
5.1.1 Test Band = GSM850

5.1.1.1 Test Mode = GSM/TM1

5.1.1.1.1 Test Channel = LCH

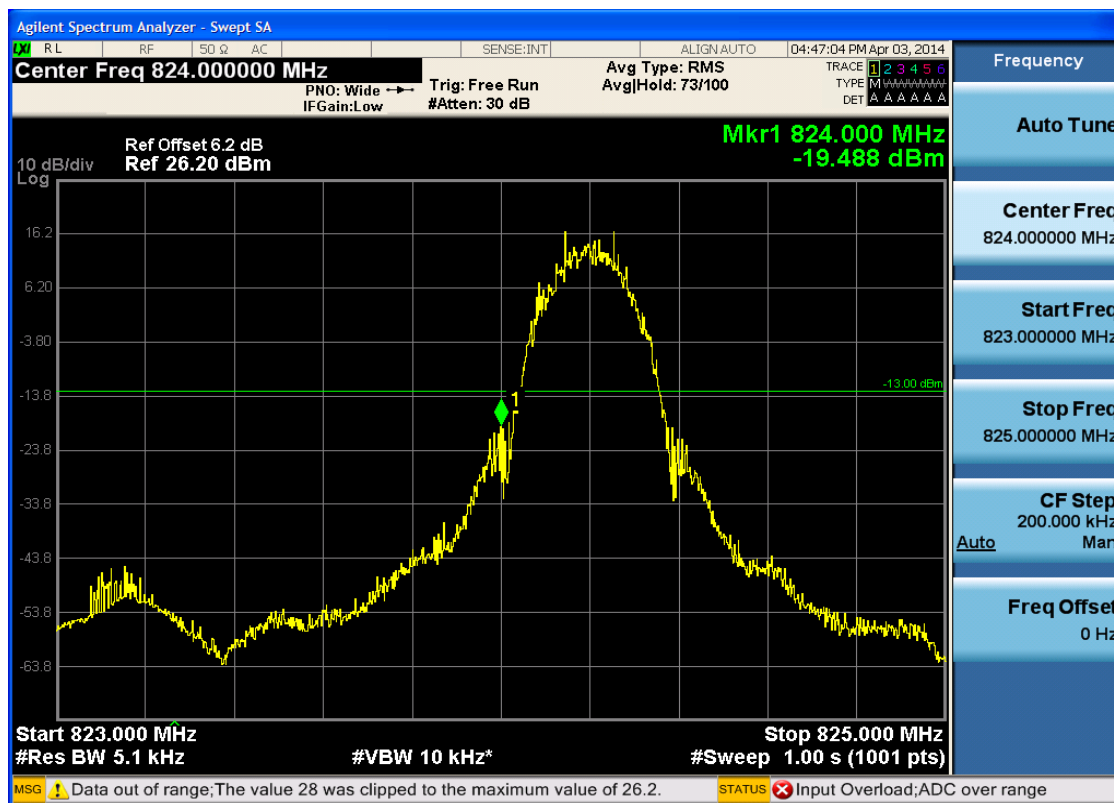


5.1.1.1.2 Test Channel = HCH

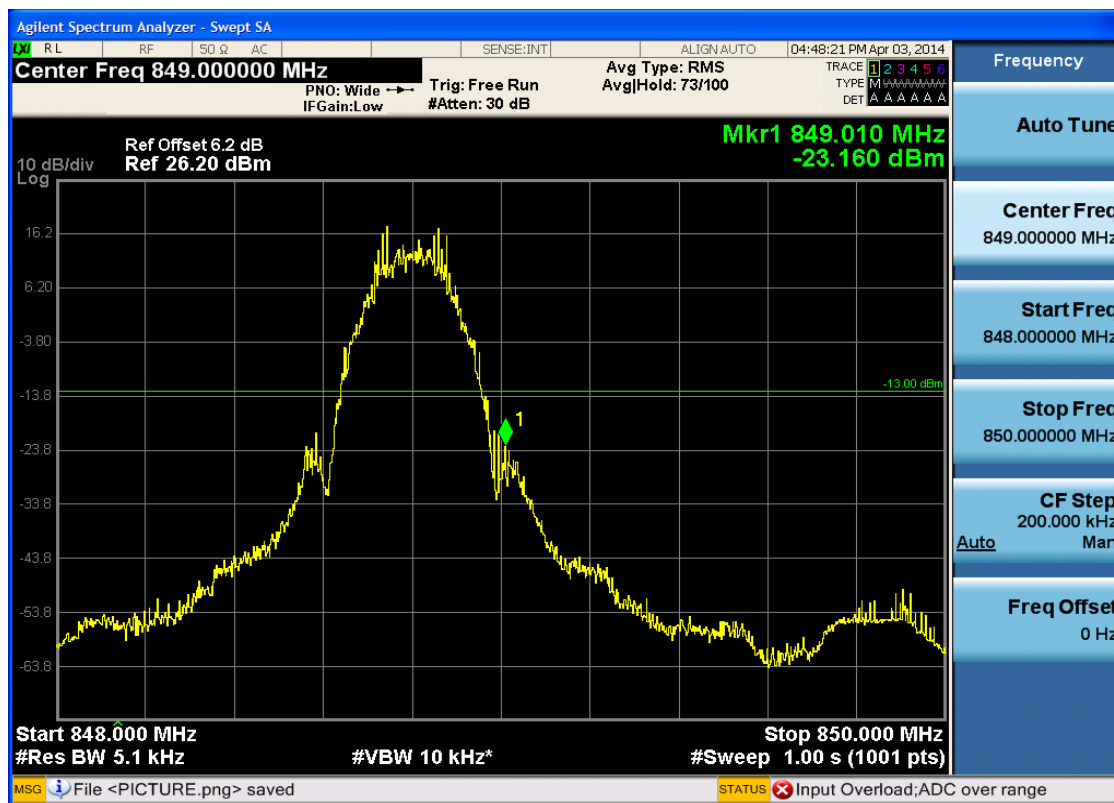


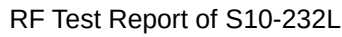
5.1.1.2 Test Mode = GSM/TM2

5.1.1.2.1 Test Channel = LCH

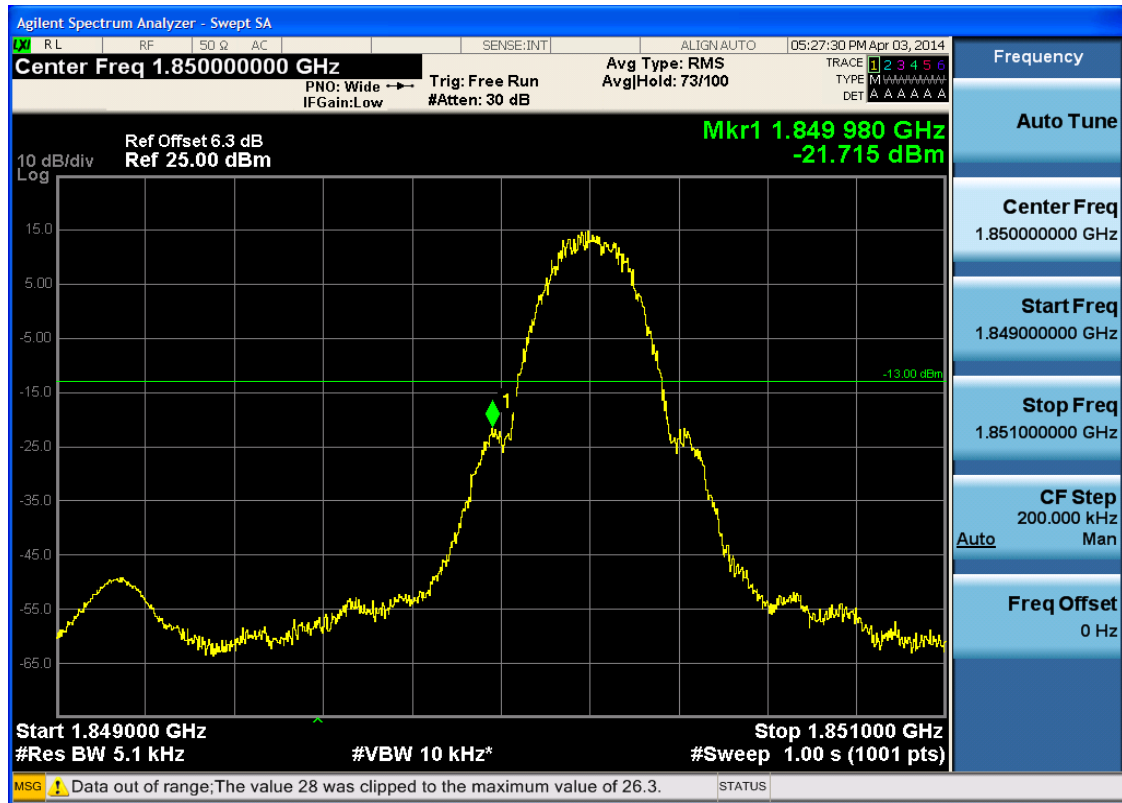


5.1.1.2.2 Test Channel = HCH

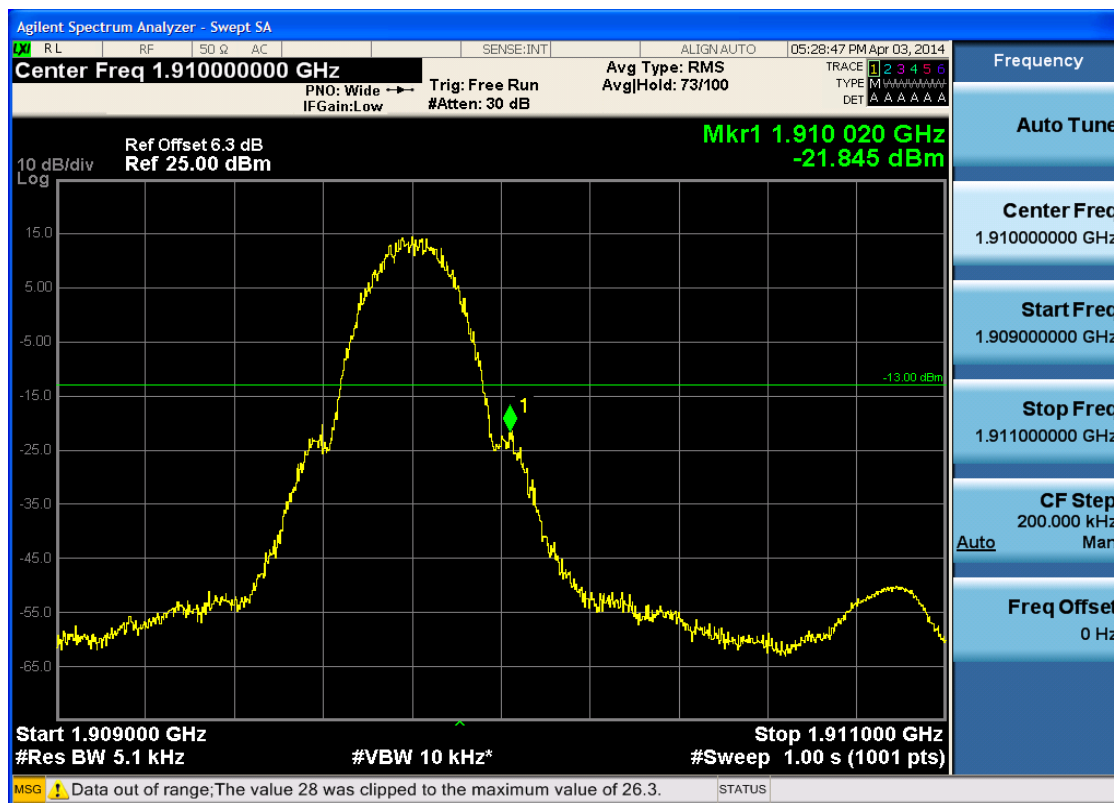




5.1.2.1.1 Test Channel = LCH

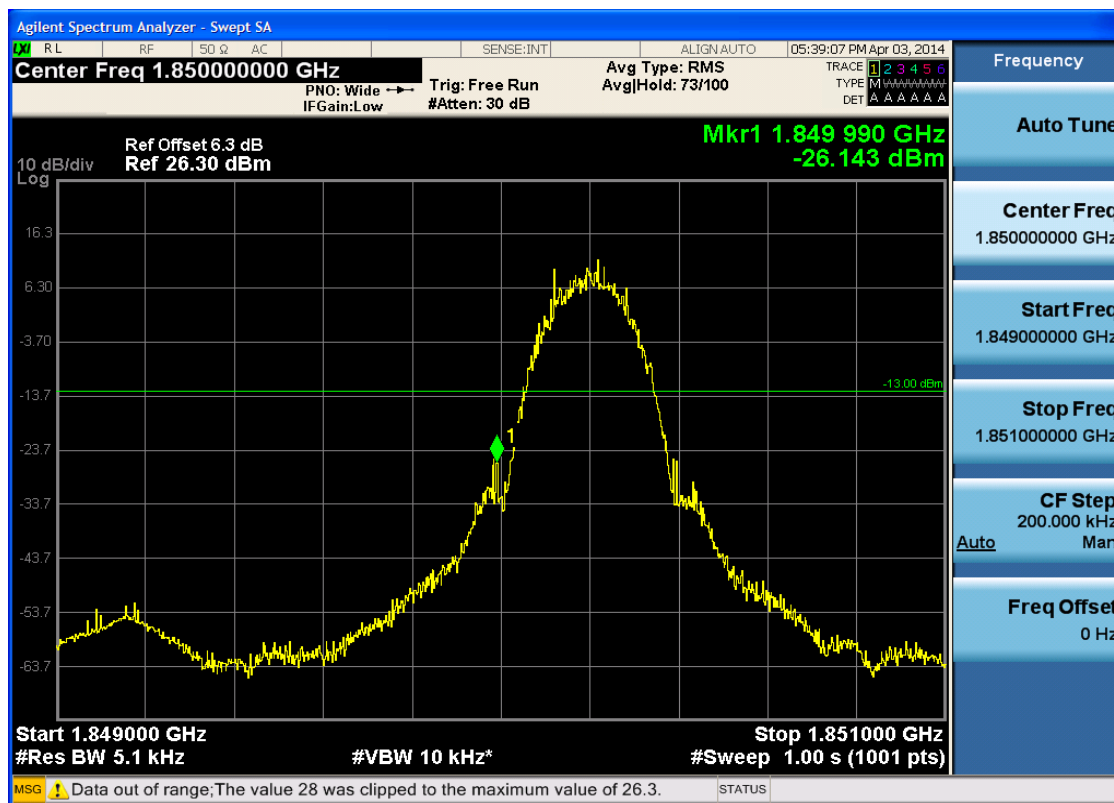


5.1.2.1.2 Test Channel = HCH



5.1.2.2 Test Mode = GSM/TM2

5.1.2.2.1 Test Channel = LCH



5.1.2.2.2 Test Channel = HCH





5.2.1.1.2 Test Channel = HCH

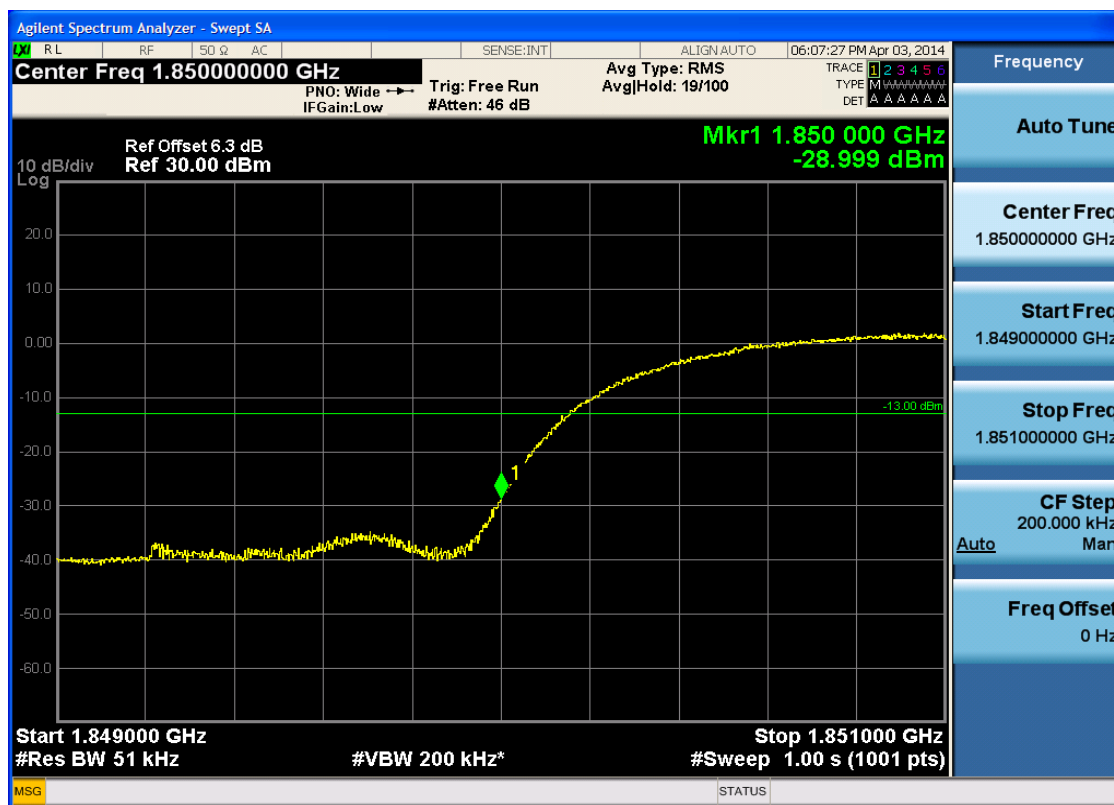




5.2.2 Test Band = WCDMA1900

5.2.2.1 Test Mode = UMTS/TM1

5.2.2.1.1 Test Channel = LCH





5.2.2.1.2 Test Channel = HCH

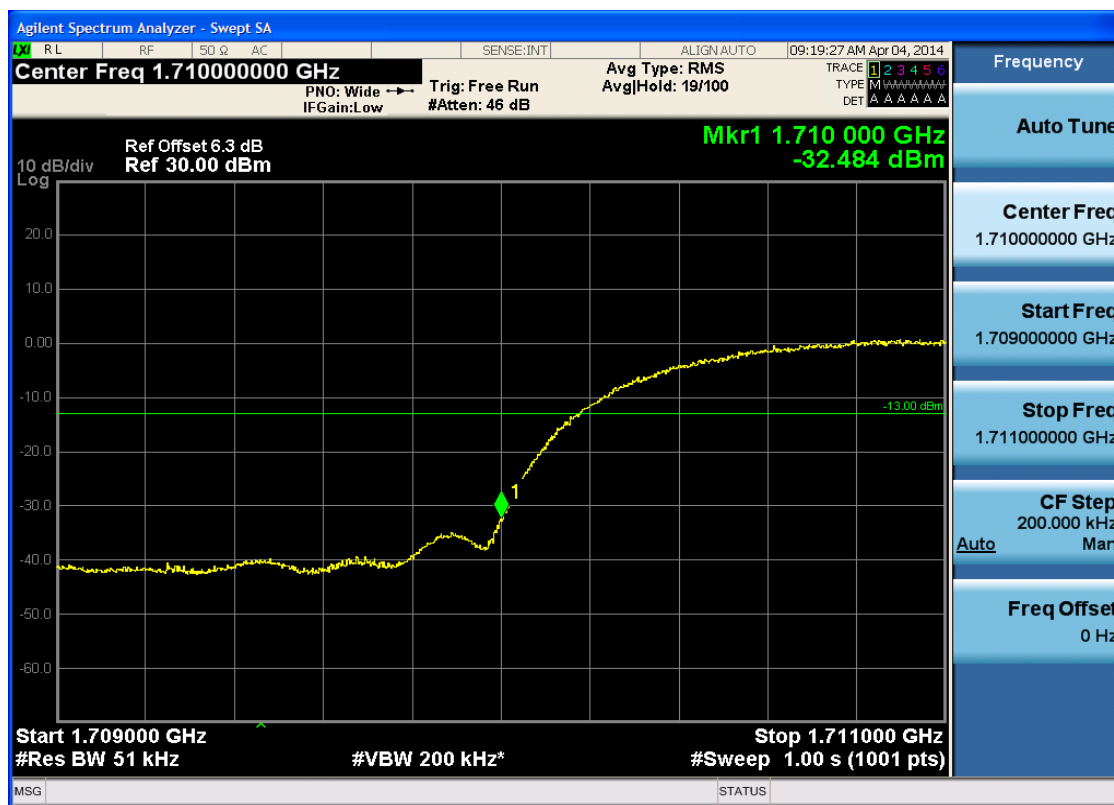




5.2.3 Test Band = WCDMA1700

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

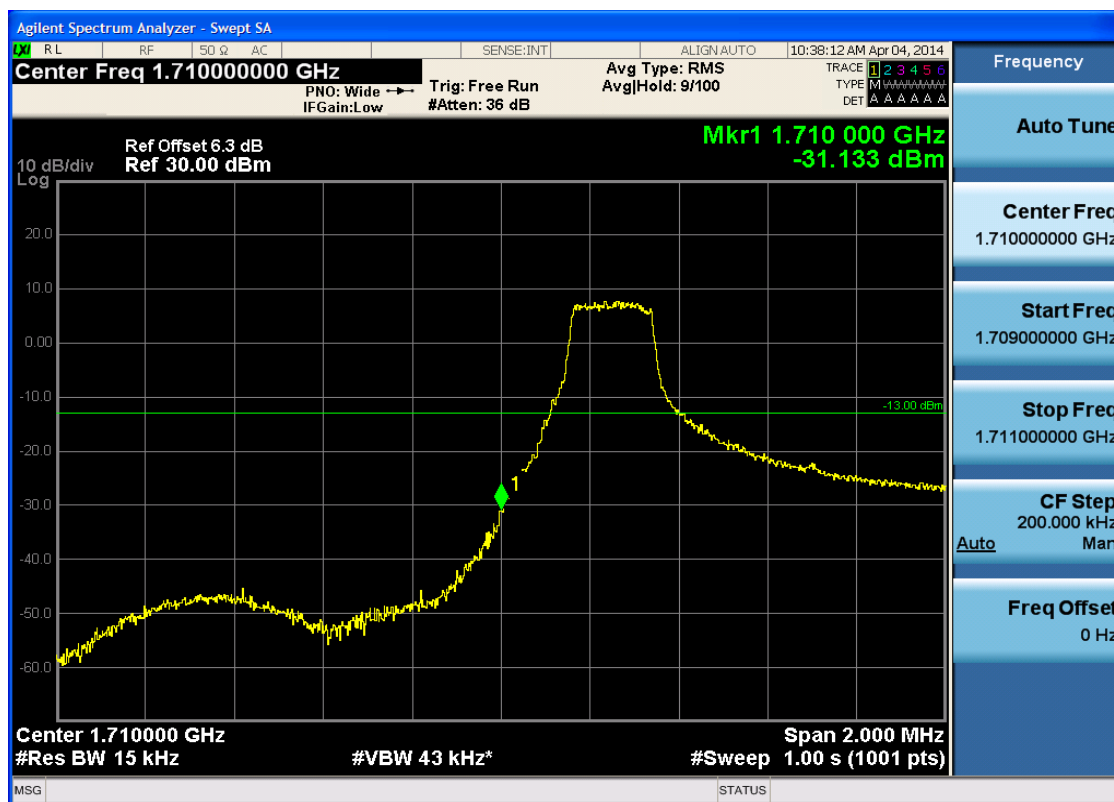
5.3.1 Test Band = BAND4

5.3.1.1 Test Mode = LTE/TM1

5.3.1.1.1 Test Bandwidth = 1.4

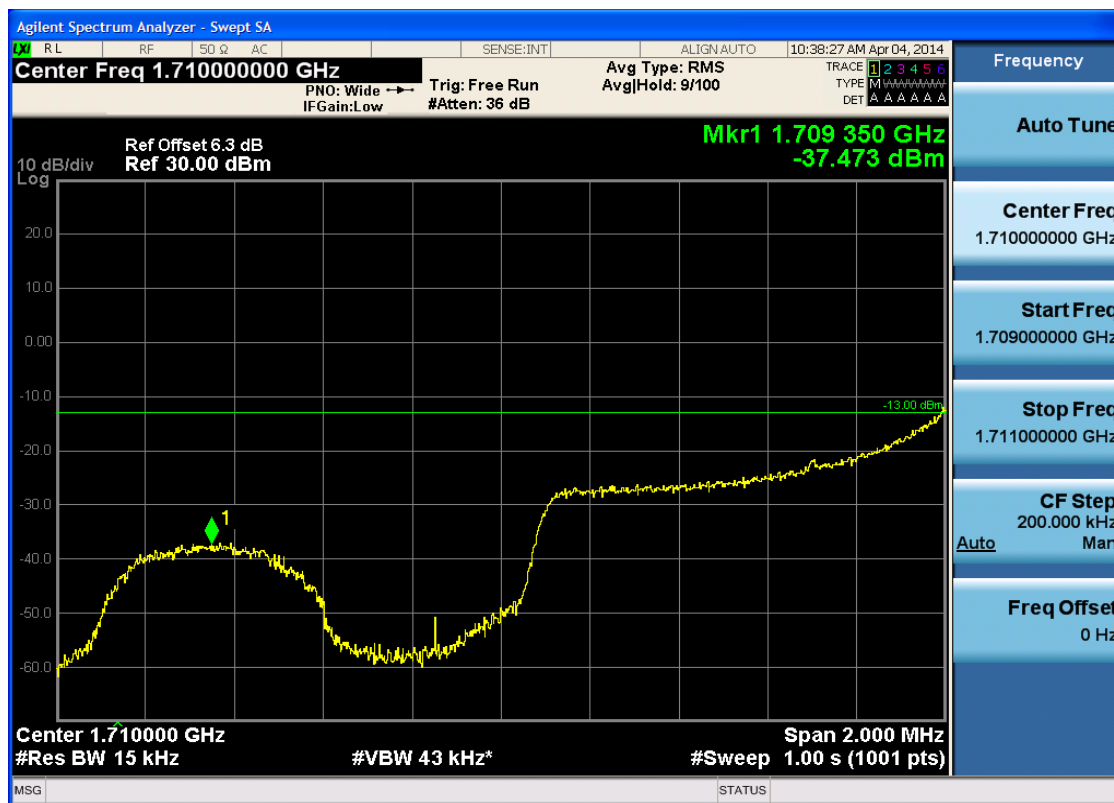
5.3.1.1.1.1 Test Channel = LCH

5.3.1.1.1.1.1 Test RB = RB1#0



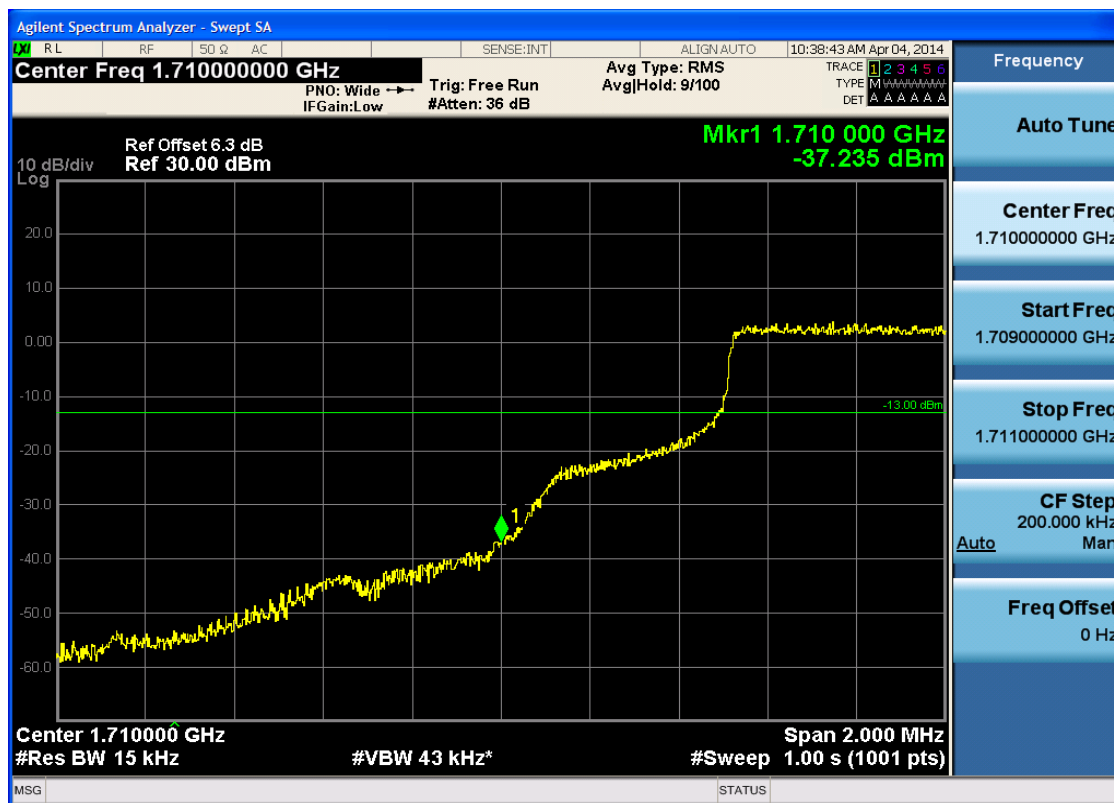


5.3.1.1.1.2 Test RB = RB1#5



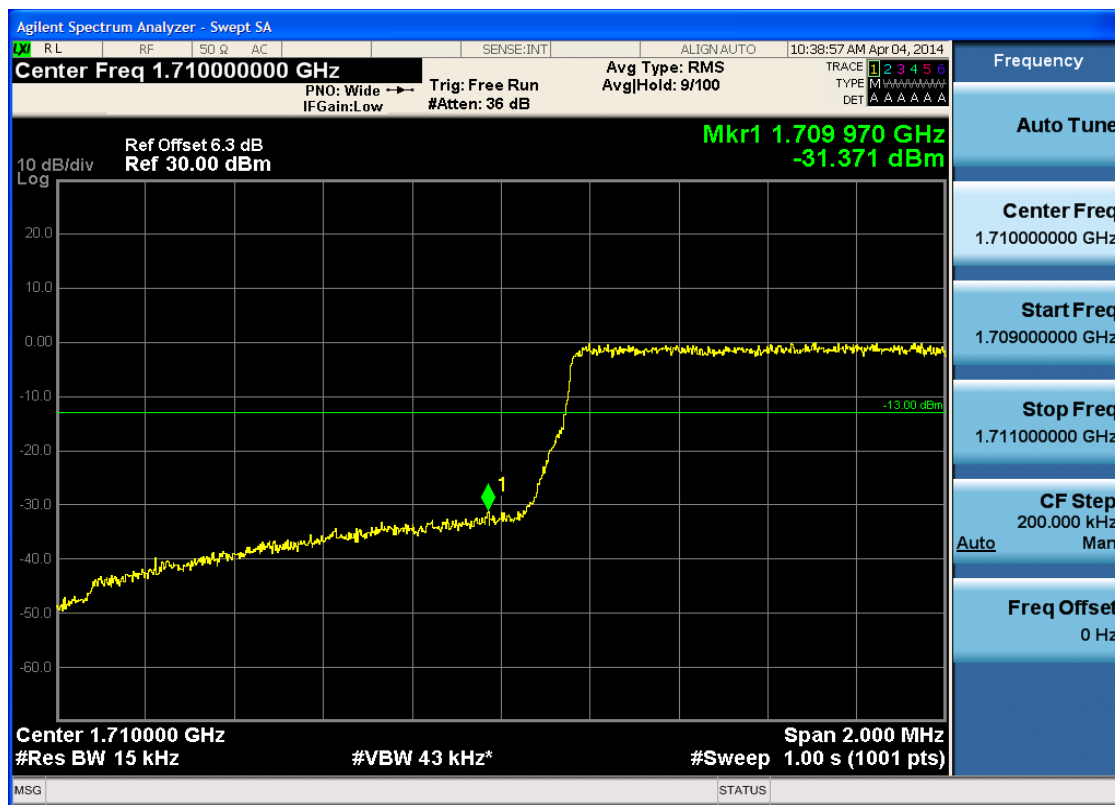


5.3.1.1.1.3 Test RB = RB3#2





5.3.1.1.1.4 Test RB = RB6#0





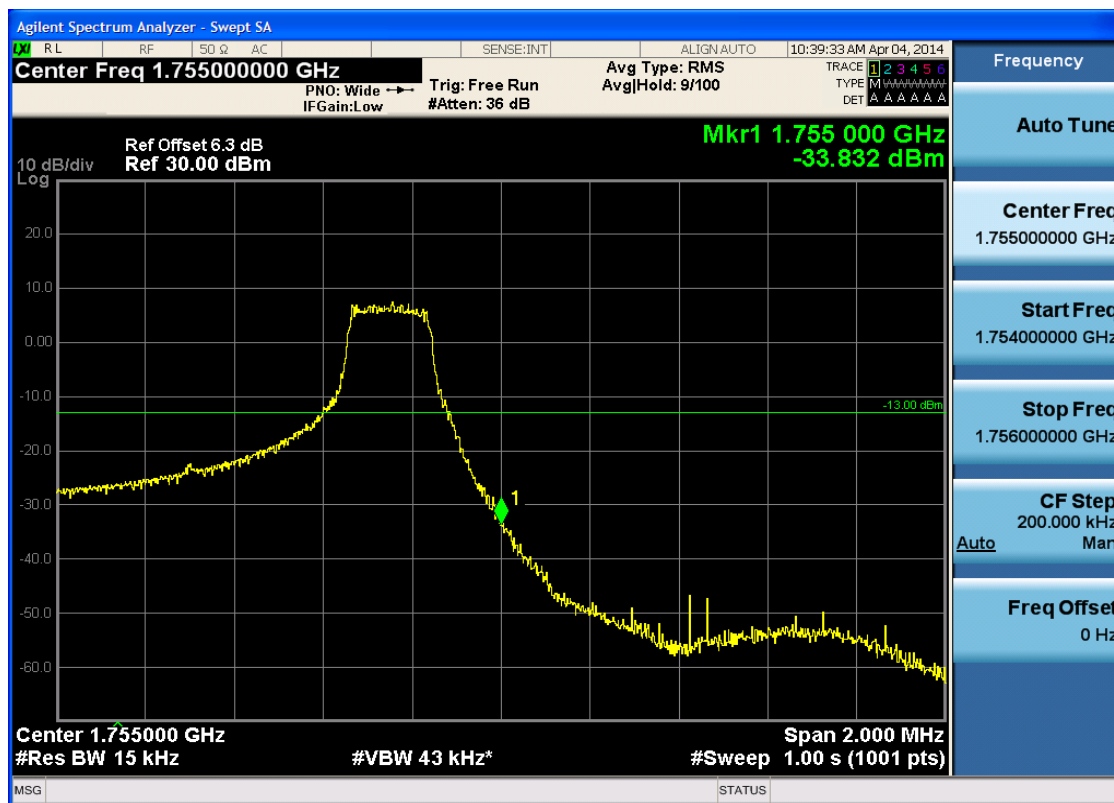
5.3.1.1.1.2 Test Channel = HCH

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





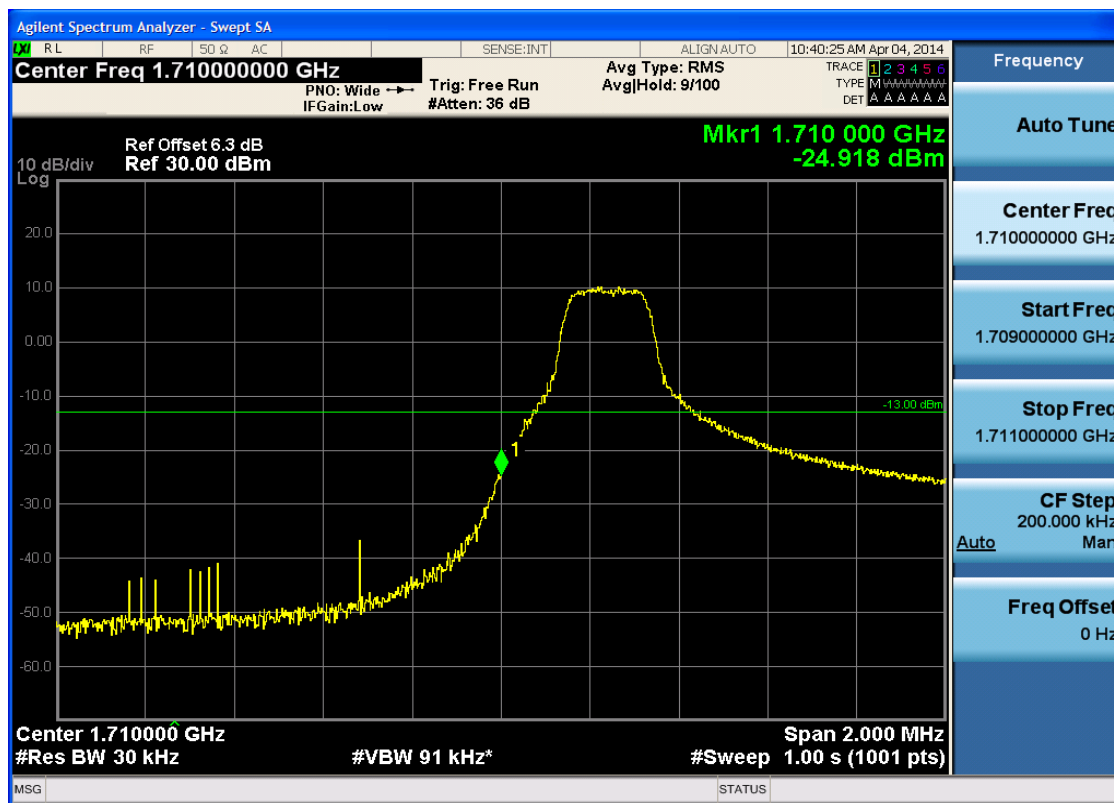
5.3.1.1.1.2.4 Test RB = RB6#0



5.3.1.1.2 Test Bandwidth = 3

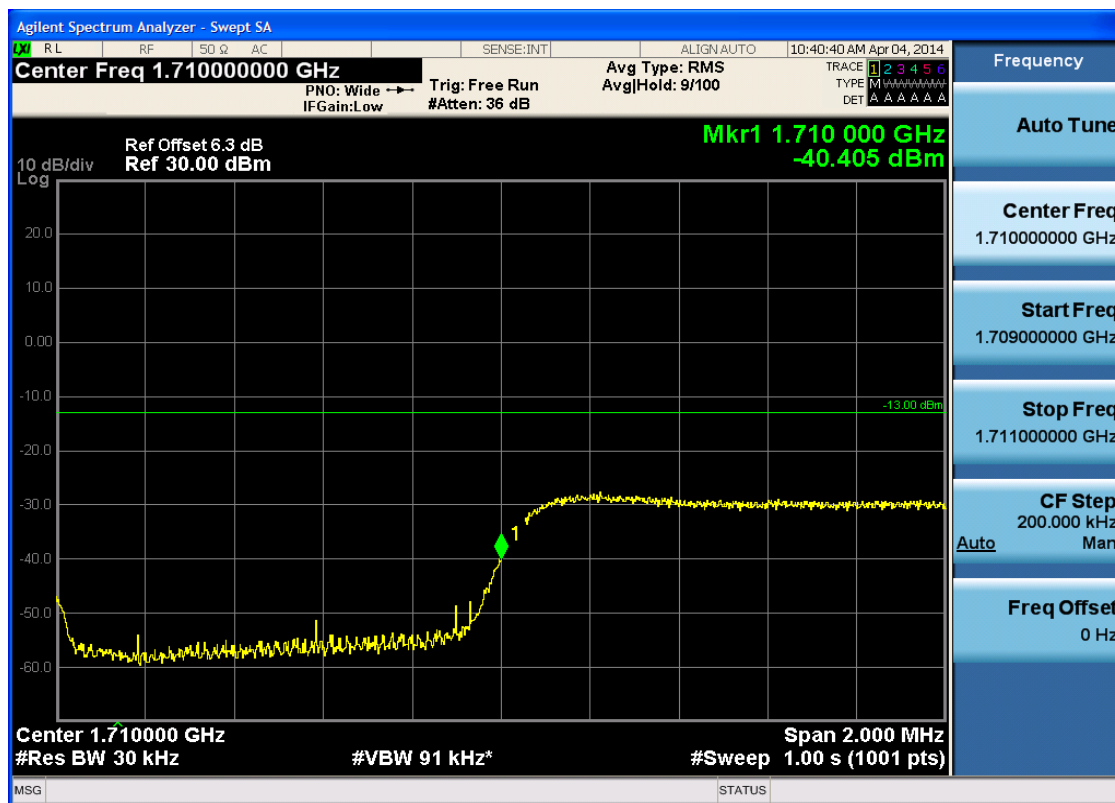
5.3.1.1.2.1 Test Channel = LCH

5.3.1.1.2.1.1 Test RB = RB1#0



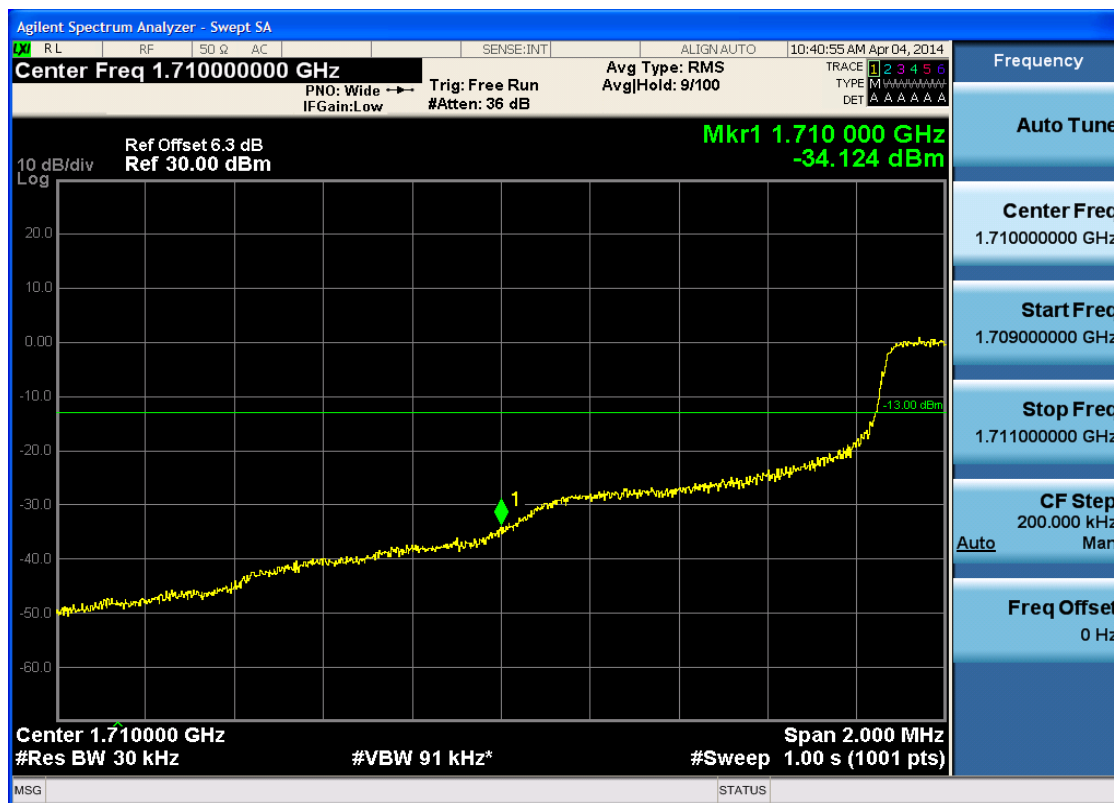


5.3.1.1.2.1.2 Test RB = RB1#14



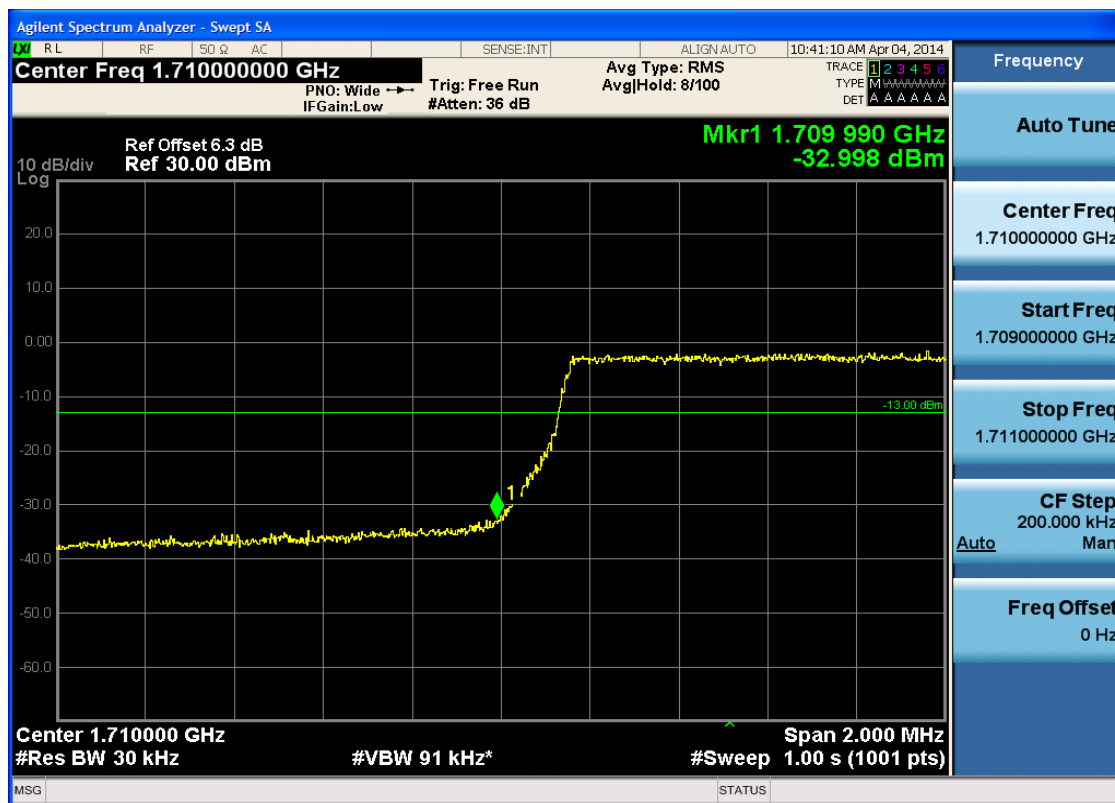


5.3.1.1.2.1.3 Test RB = RB8#4





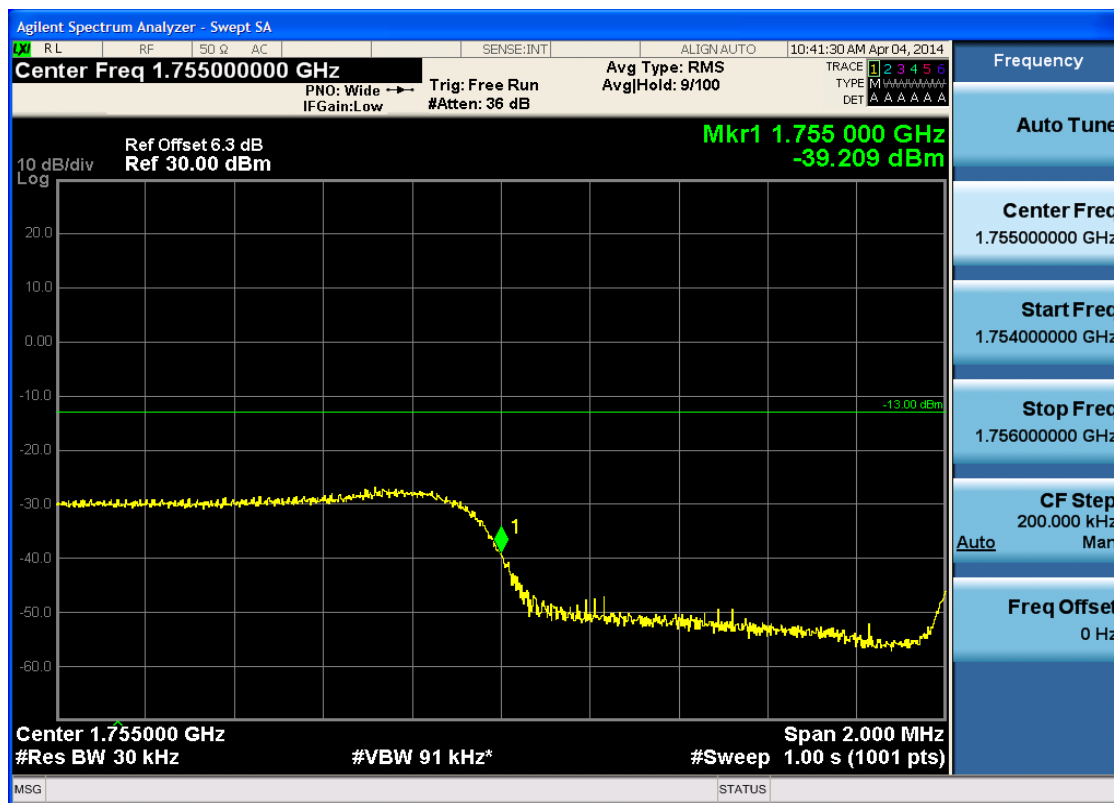
5.3.1.1.2.1.4 Test RB = RB15#0

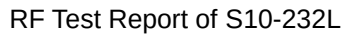




5.3.1.1.2.2 Test Channel = HCH

5.3.1.1.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

☒ R L RF 50 Ω AC SENSE:INT ALIGN:AUTO 10:41:45 AM Apr 04, 2014

Center Freq 1.755000000 GHz PNO: Wide $\rightarrow$ Trig: Free Run Avg Type: RMS TRACE 1 2 3 4 5 6
 IFGain:Low #Atten: 36 dB Avg|Hold: 9/100 TYPE M DET A A A A A A

10 dB/div Ref Offset 6.3 dB **Mkr1 1.755 000 GHz**
 Log Ref 30.00 dBm **-24.478 dBm**

Center 1.755000 GHz Span 2.000 MHz
 #Res BW 30 kHz #VBW 91 kHz* #Sweep 1.00 s (1001 pts)

MSG STATUS

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

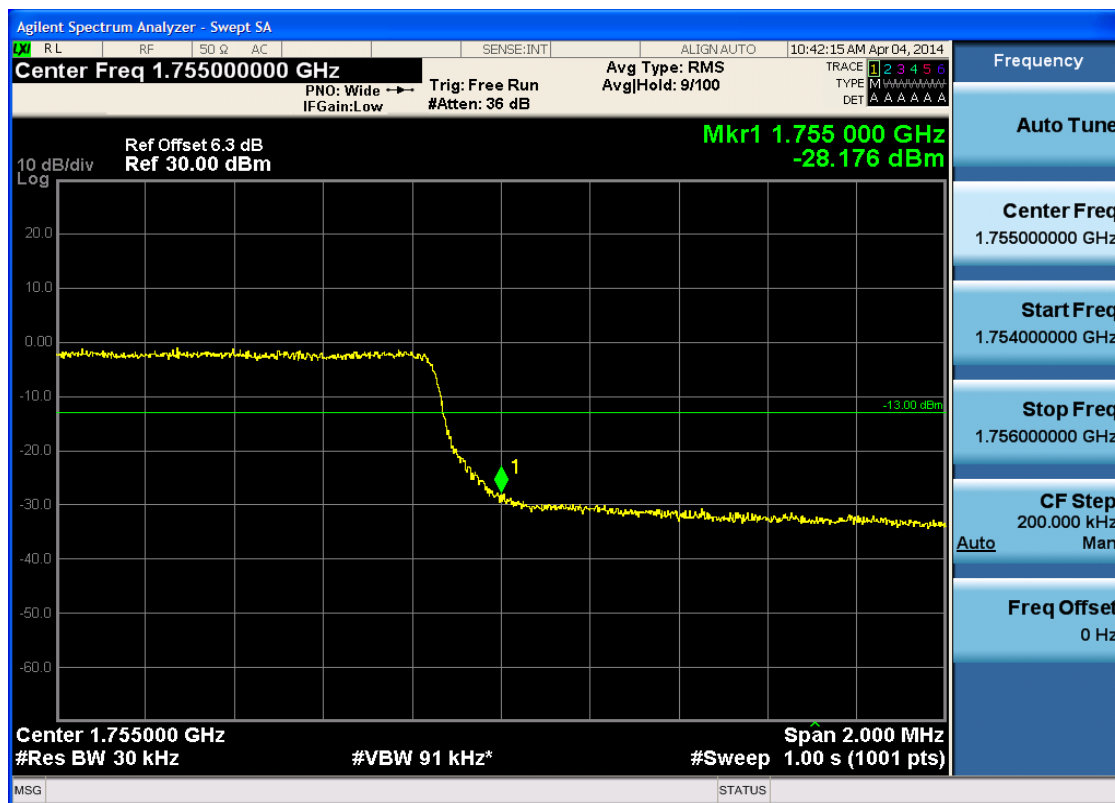


5.3.1.1.2.3 Test RB = RB8#4





5.3.1.1.2.2.4 Test RB = RB15#0

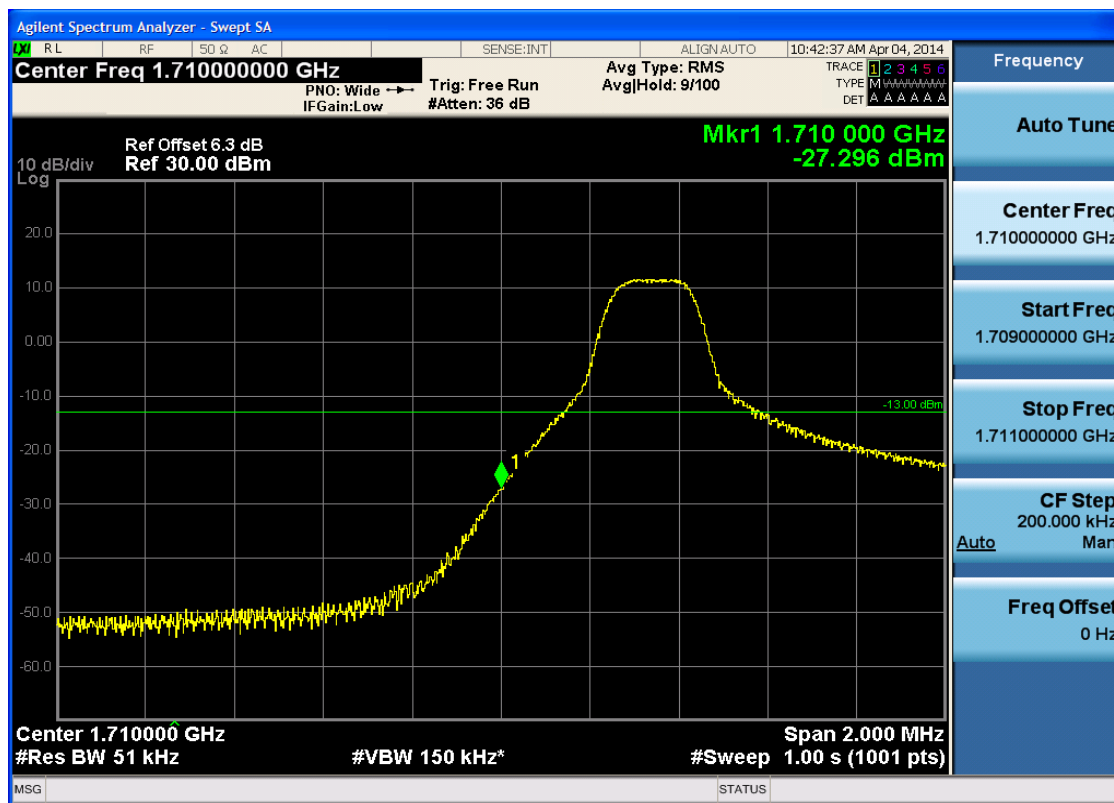




5.3.1.1.3 Test Bandwidth = 5

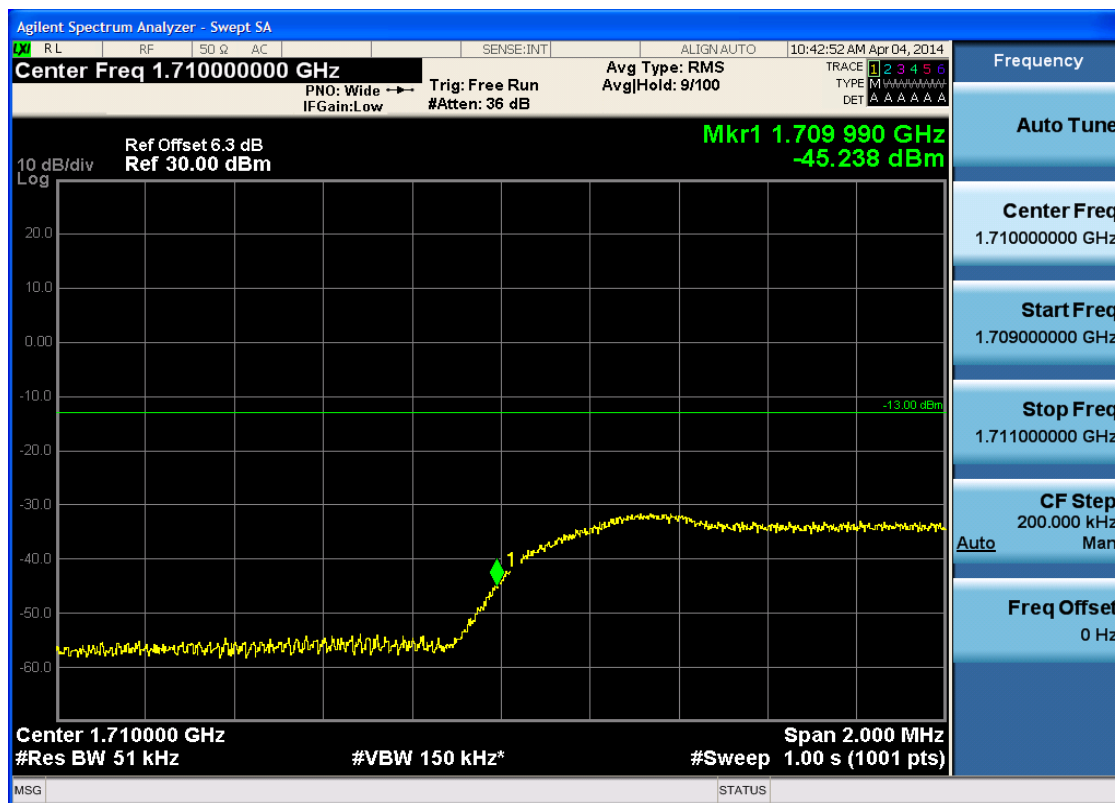
5.3.1.1.3.1 Test Channel = LCH

5.3.1.1.3.1.1 Test RB = RB1#0



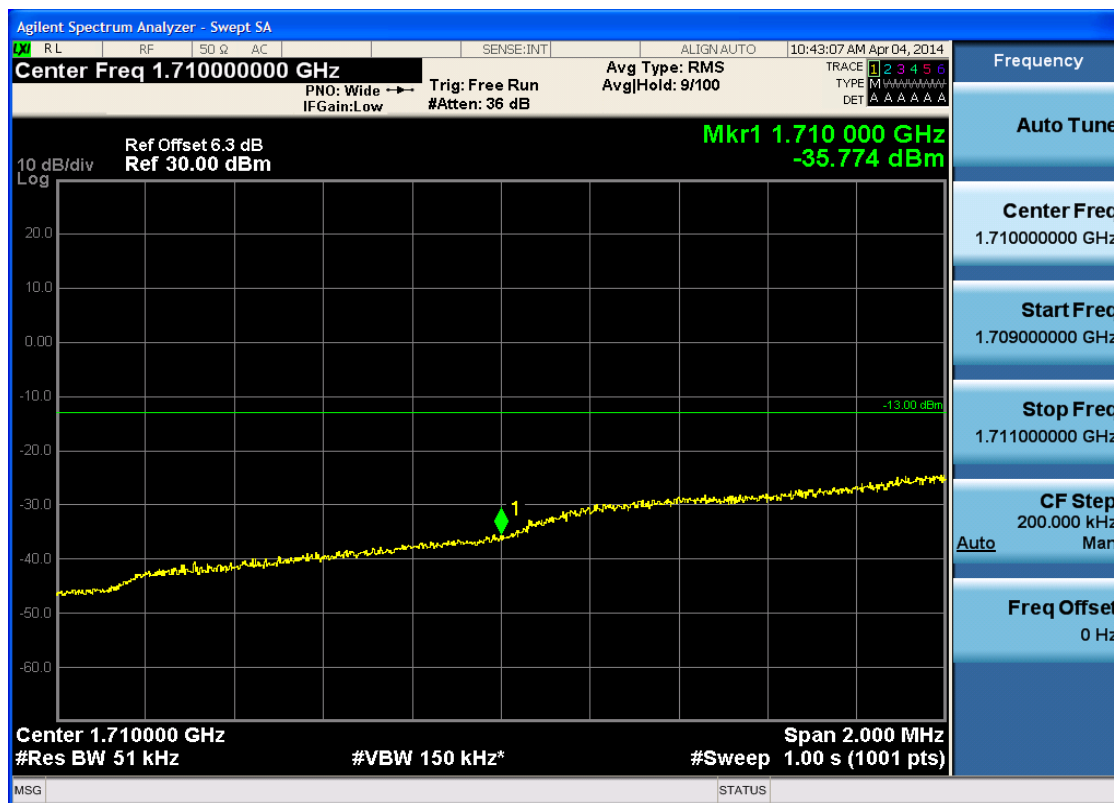


5.3.1.1.3.1.2 Test RB = RB1#24



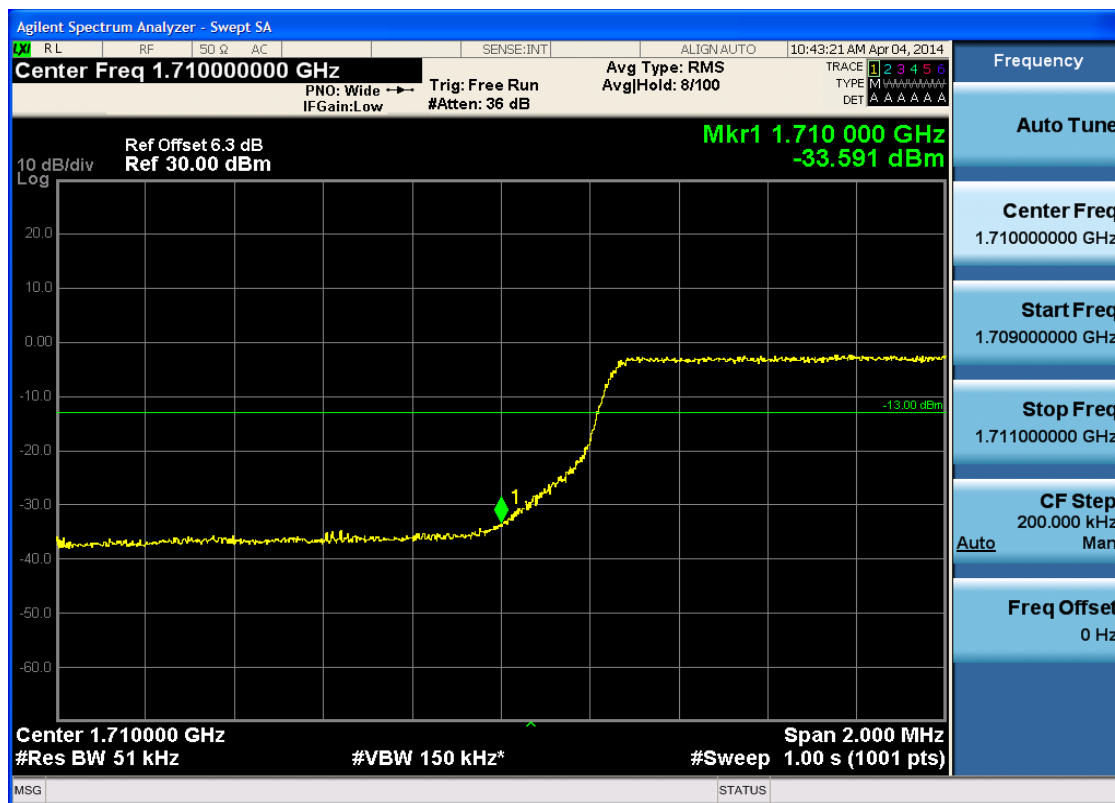


5.3.1.1.3.1.3 Test RB = RB12#6





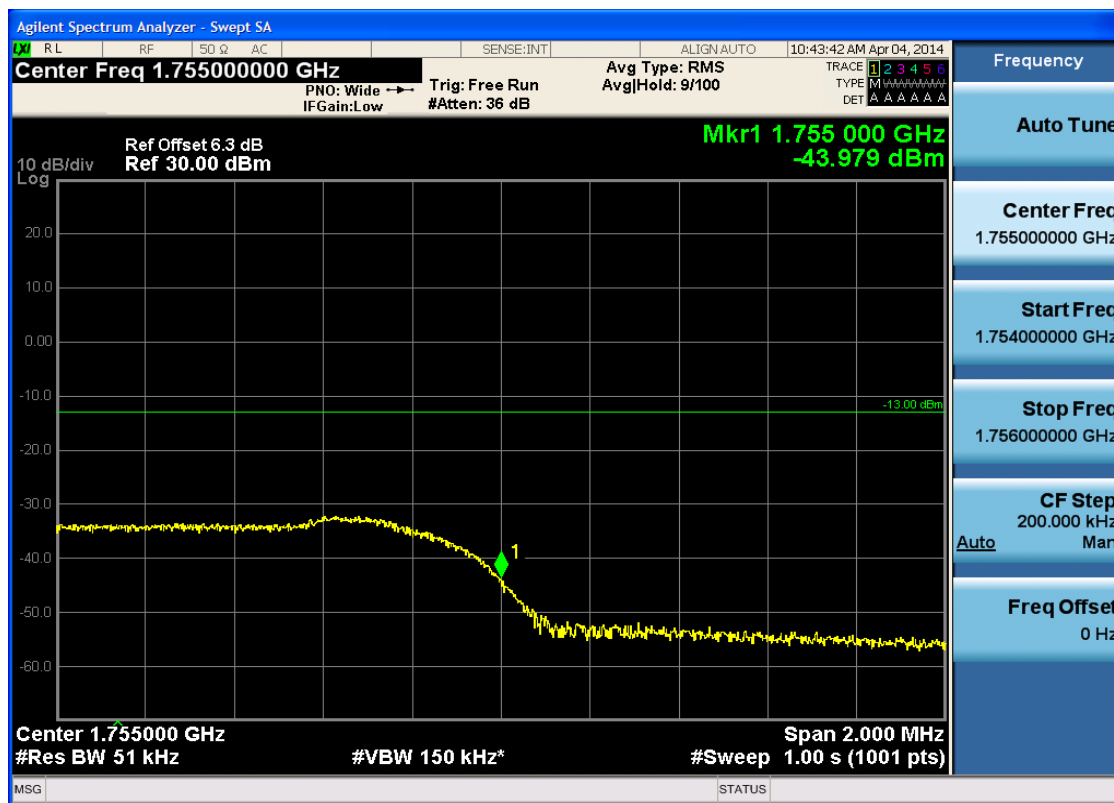
5.3.1.1.3.1.4 Test RB = RB25#0





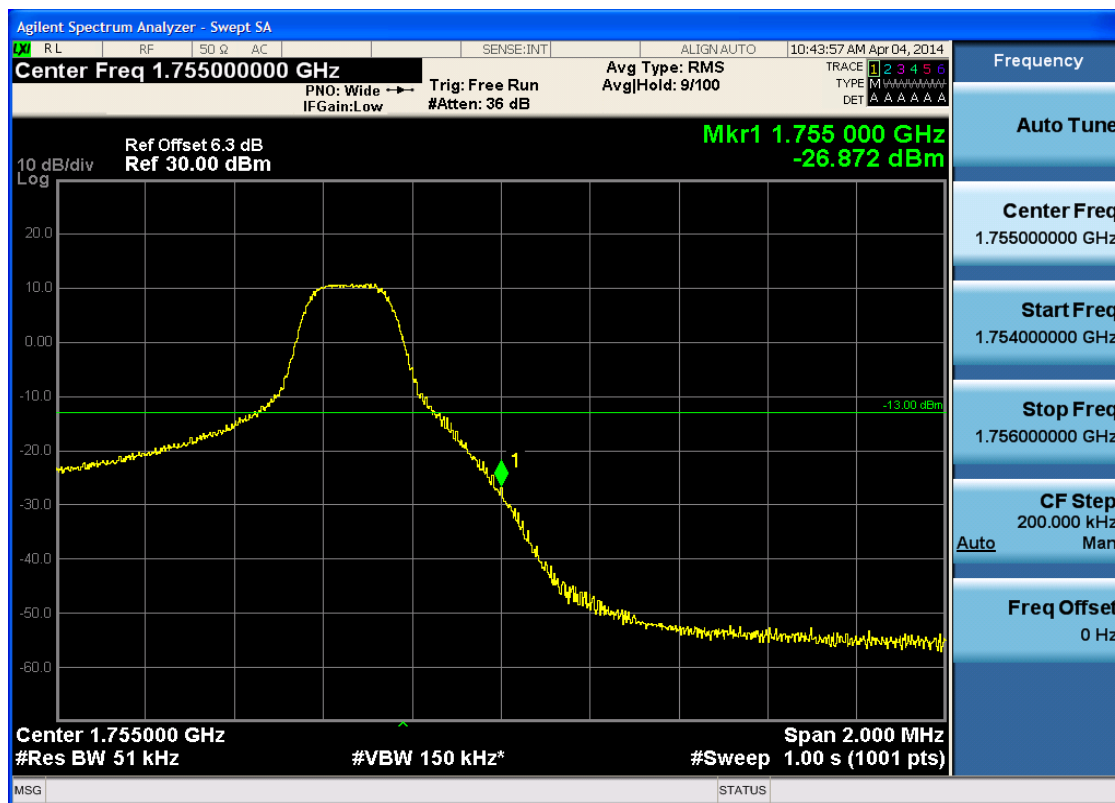
5.3.1.1.3.2 Test Channel = HCH

5.3.1.1.3.2.1 Test RB = RB1#0





5.3.1.1.3.2.2 Test RB = RB1#24





5.3.1.1.3.2.3 Test RB = RB12#6





5.3.1.1.3.2.4 Test RB = RB25#0

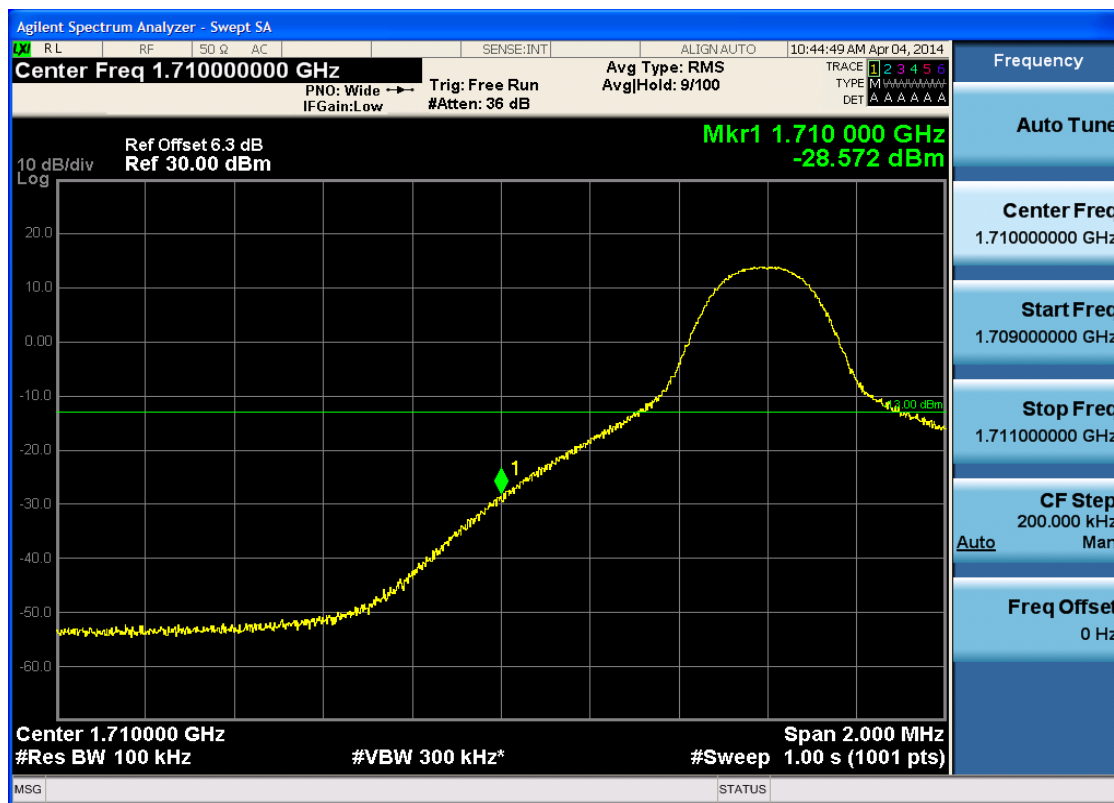




5.3.1.1.4 Test Bandwidth = 10

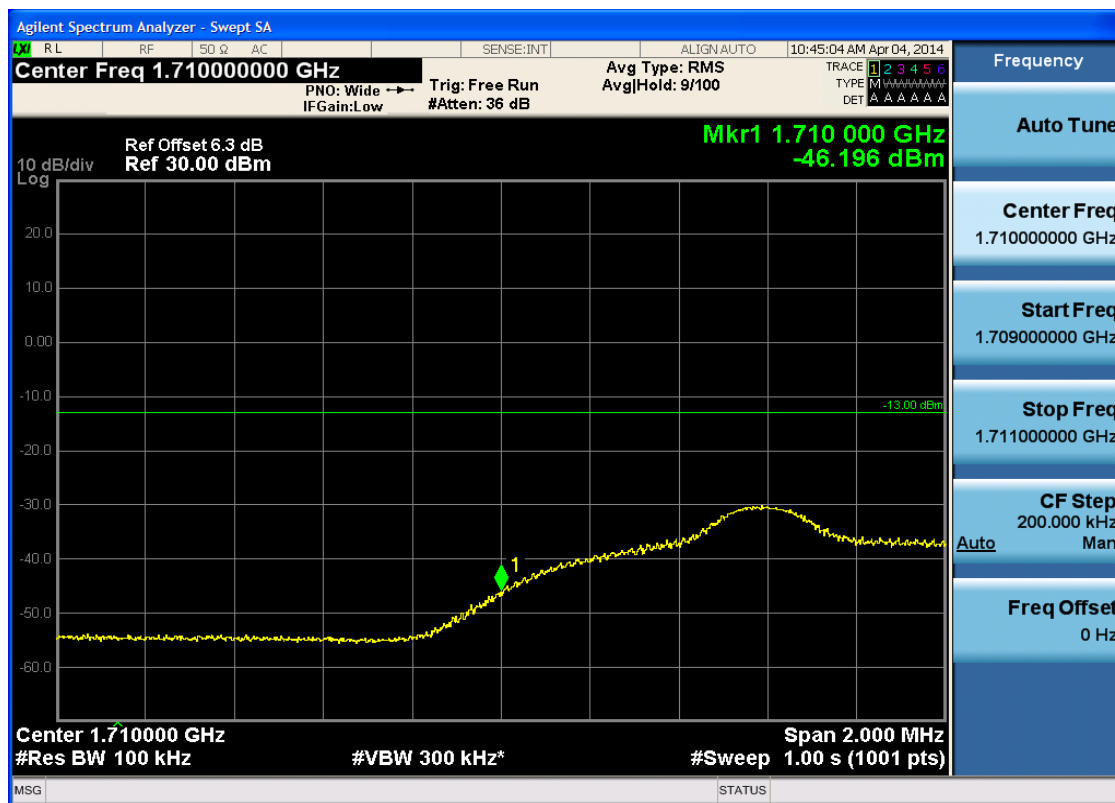
5.3.1.1.4.1 Test Channel = LCH

5.3.1.1.4.1.1 Test RB = RB1#0



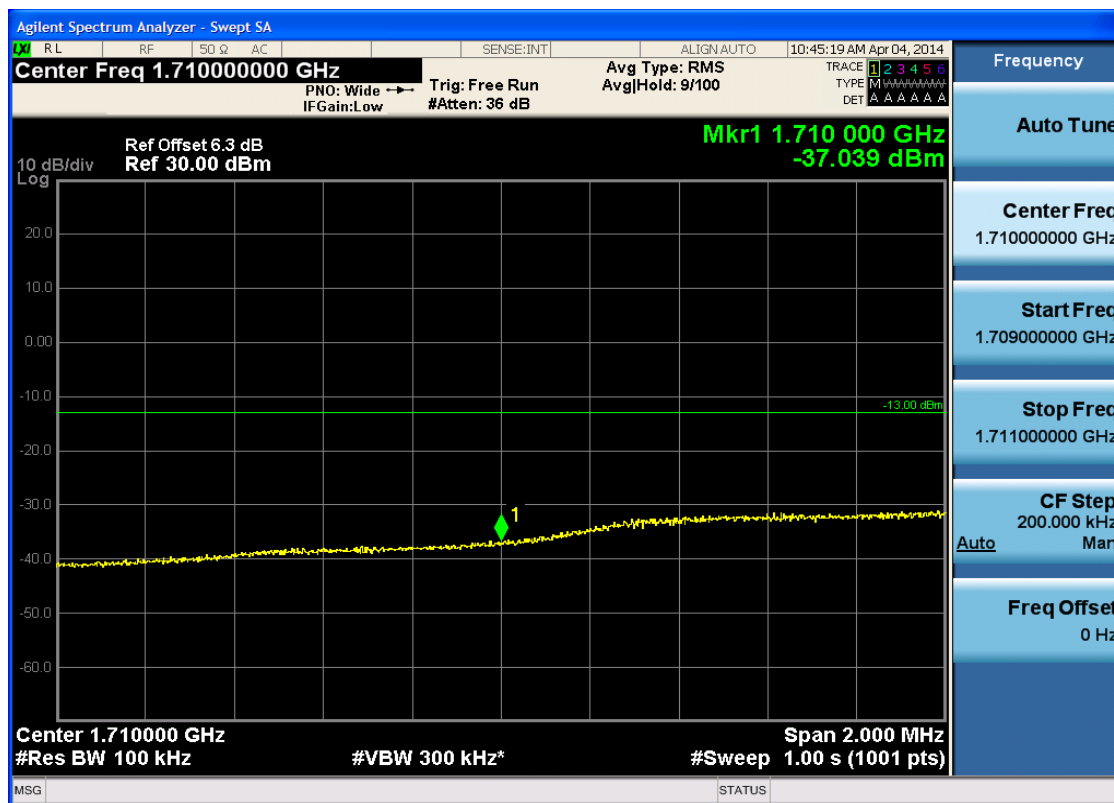


5.3.1.1.4.1.2 Test RB = RB1#49



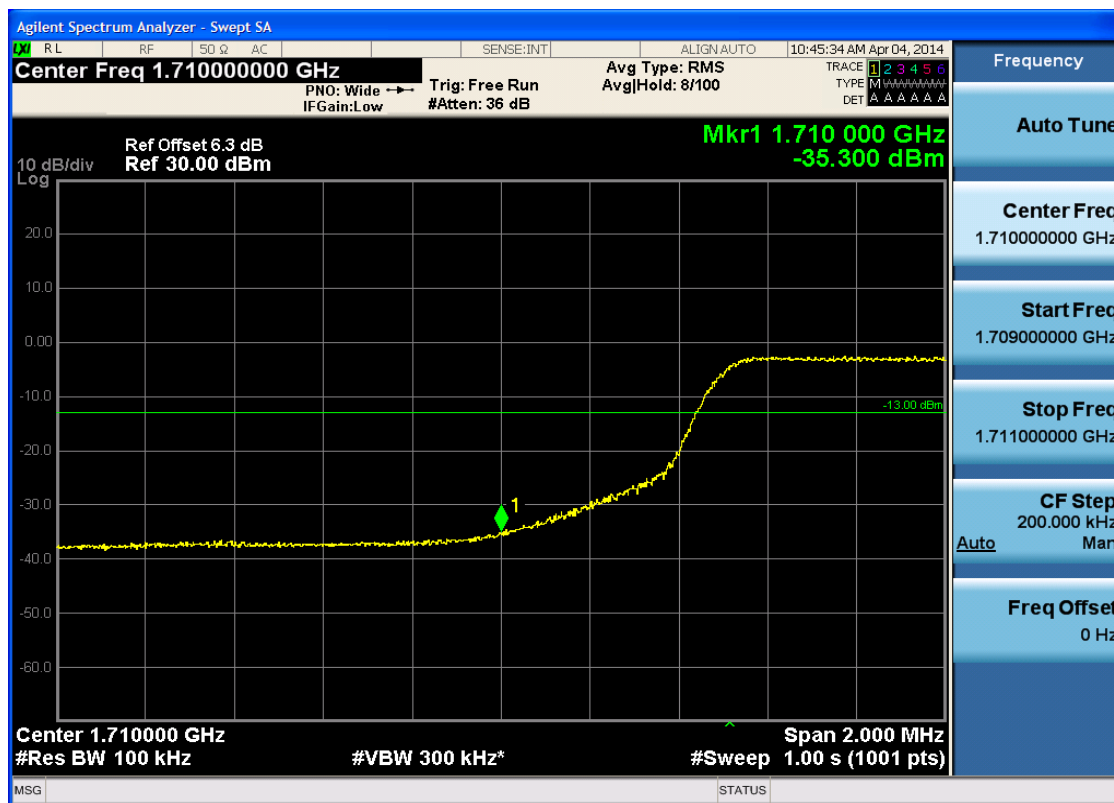


5.3.1.1.4.1.3 Test RB = RB25#13





5.3.1.1.4.1.4 Test RB = RB50#0





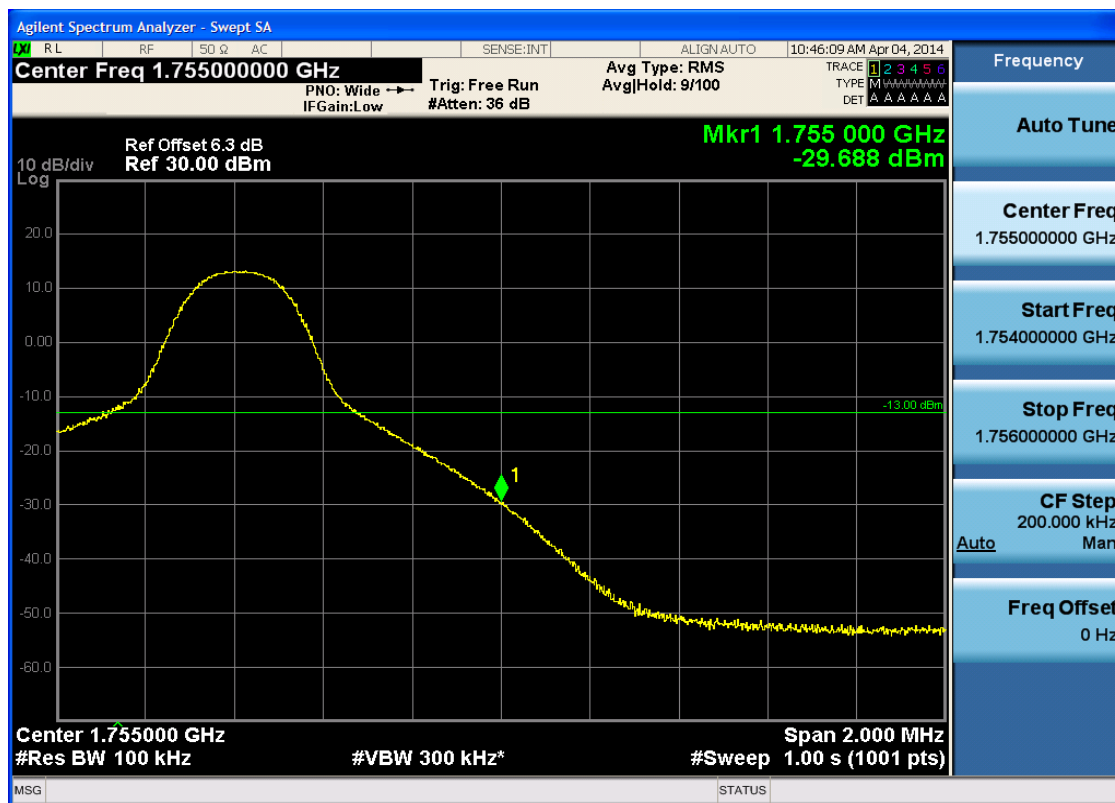
5.3.1.1.4.2 Test Channel = HCH

5.3.1.1.4.2.1 Test RB = RB1#0



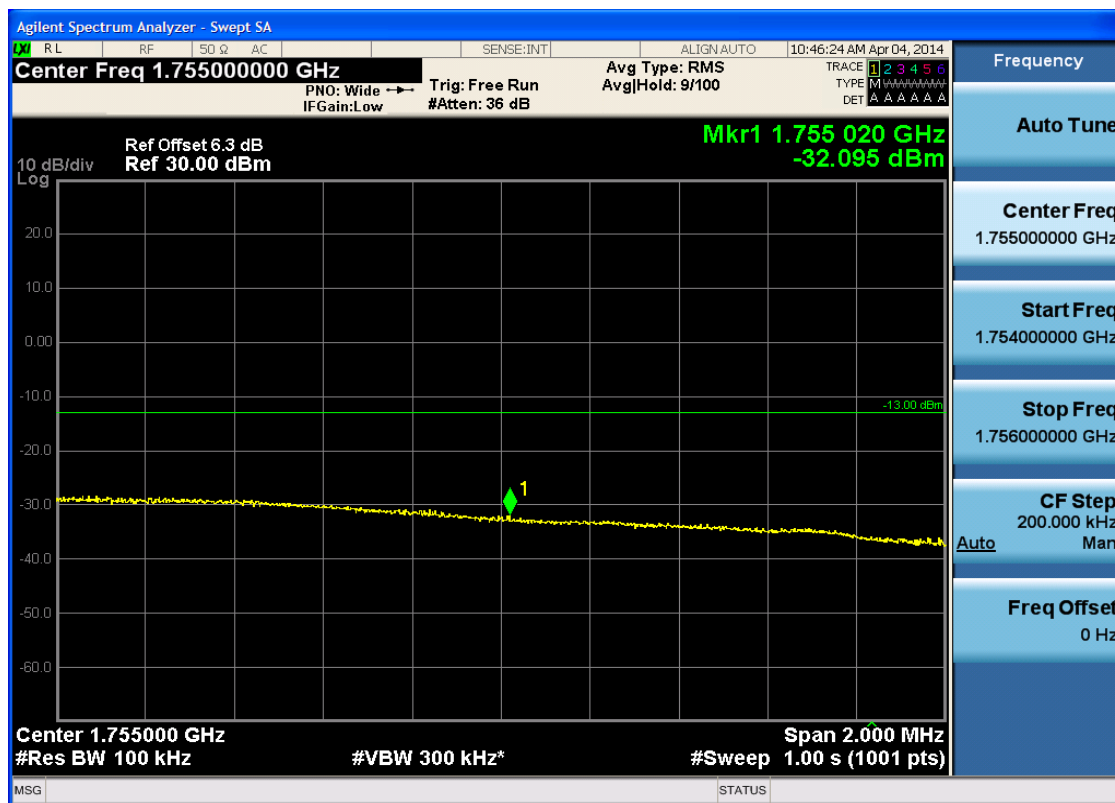


5.3.1.1.4.2.2 Test RB = RB1#49



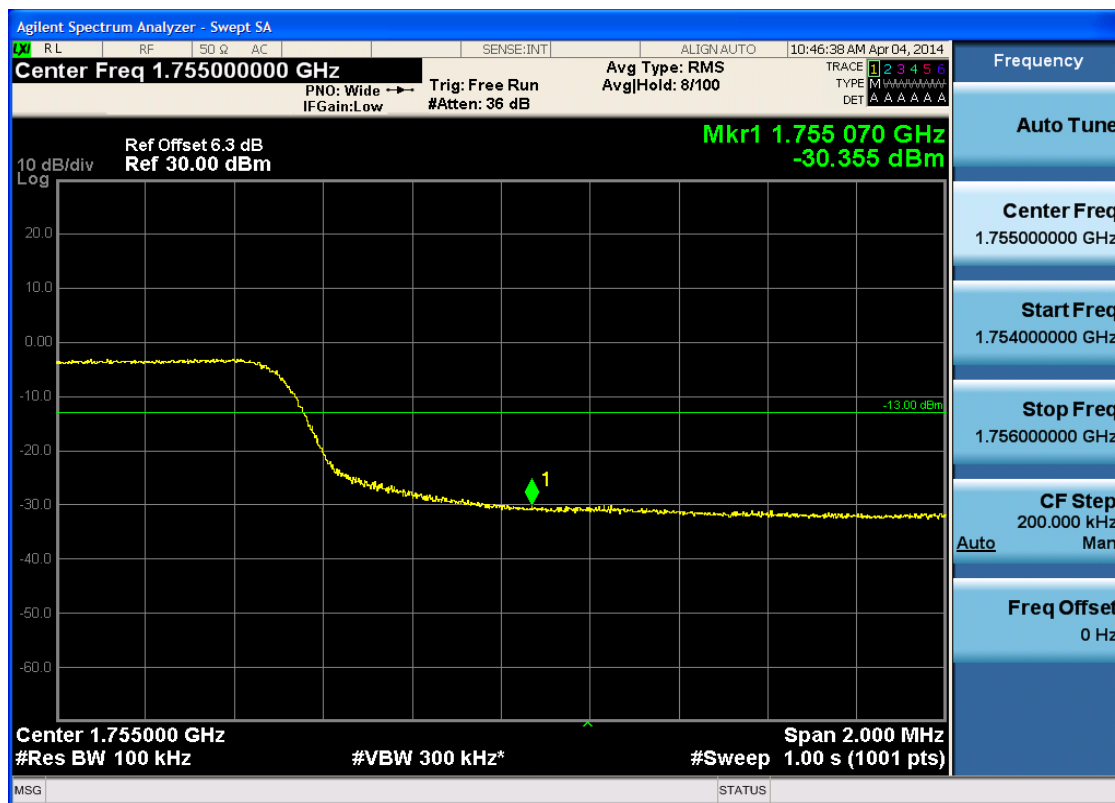


5.3.1.1.4.2.3 Test RB = RB25#13





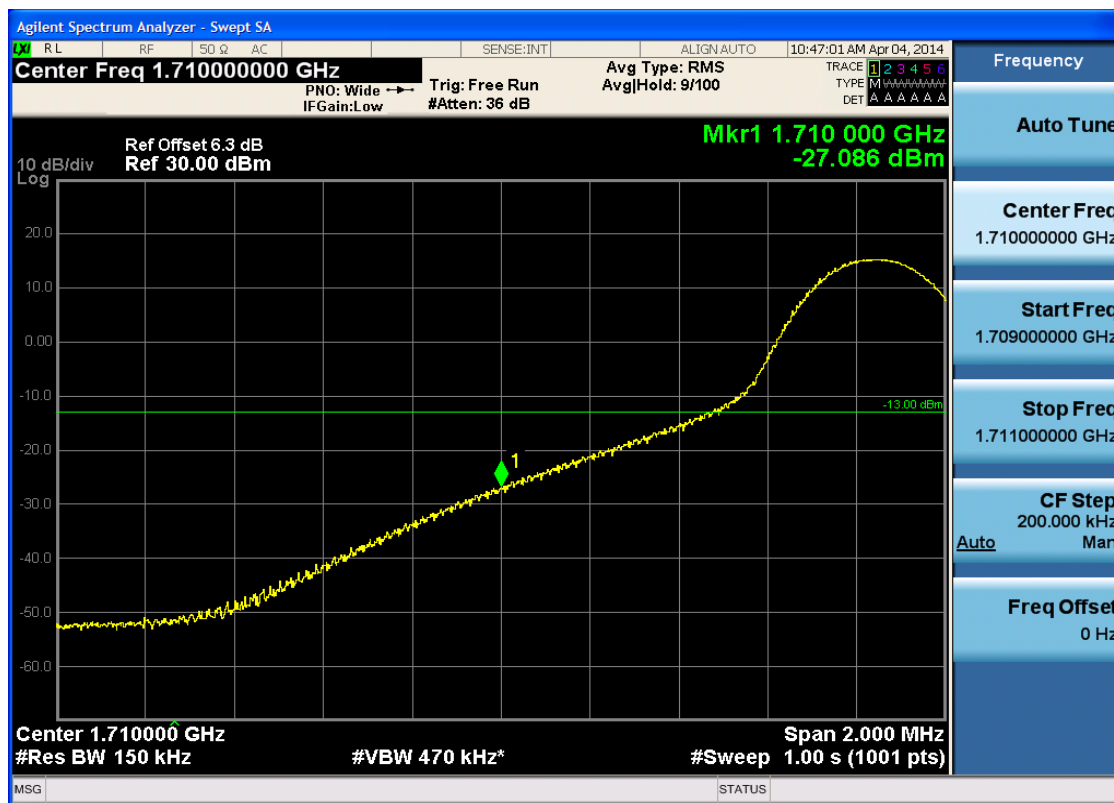
5.3.1.1.4.2.4 Test RB = RB50#0



5.3.1.1.5 Test Bandwidth = 15

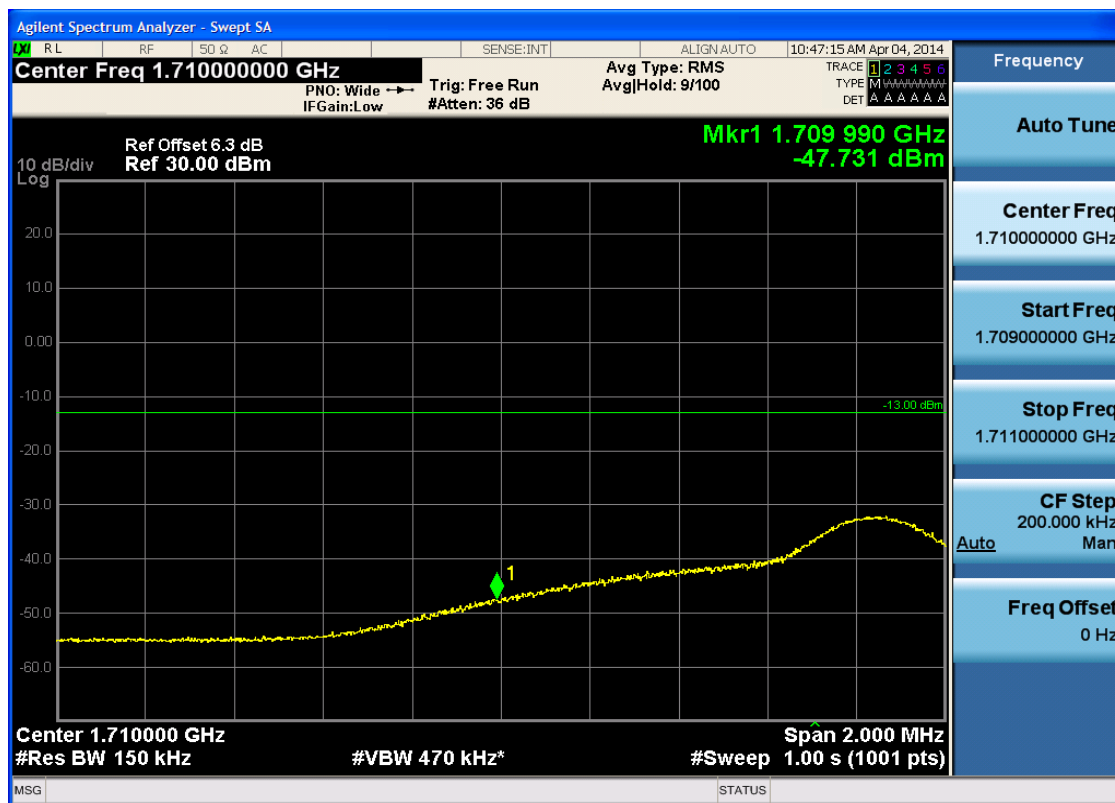
5.3.1.1.5.1 Test Channel = LCH

5.3.1.1.5.1.1 Test RB = RB1#0





5.3.1.1.5.1.2 Test RB = RB1#74



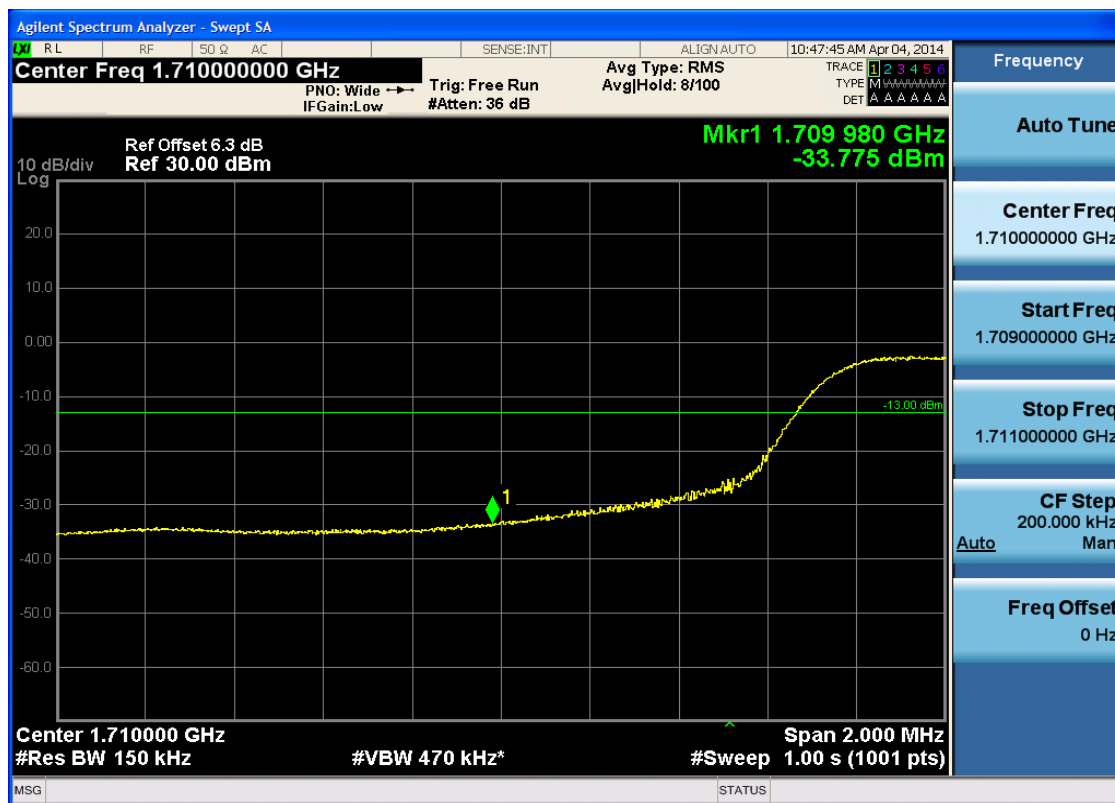


5.3.1.1.5.1.3 Test RB = RB38#19





5.3.1.1.5.1.4 Test RB = RB75#0





5.3.1.1.5.2 Test Channel = HCH

5.3.1.1.5.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN: AUTO 10:48:20AM Apr 04, 2014

Center Freq 1.75500000 GHz

PNO: Wide Trg: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB AvgHld: 8/100

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

Ref Offset 6.3 dB
Ref 30.00 dBm

Mkr1 1.755 000 GHz
-28.668 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

1

Center 1.755000 GHz
#Res BW 150 kHz

#VBW 470 kHz* Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq
1.75500000 GHz

Start Freq
1.75400000 GHz

Stop Freq
1.75600000 GHz

CF Step
200.000 kHz
Auto Man

Freq Offset
0 Hz

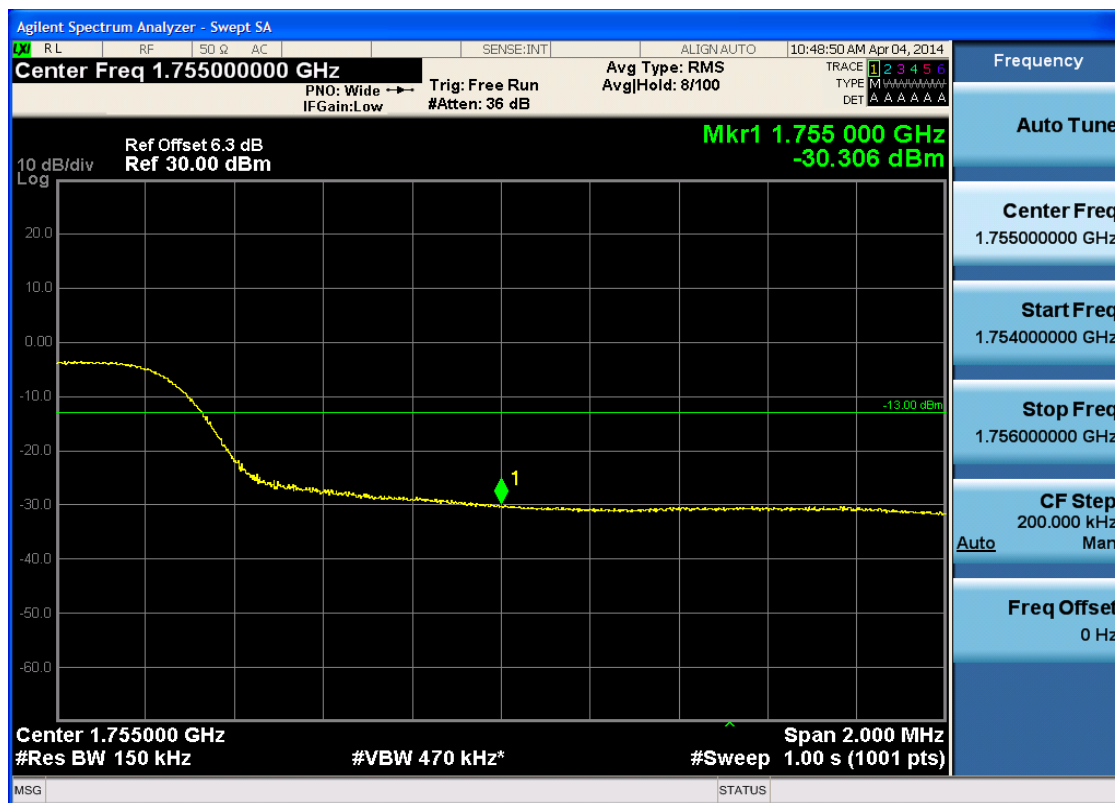


5.3.1.1.5.2.3 Test RB = RB38#19





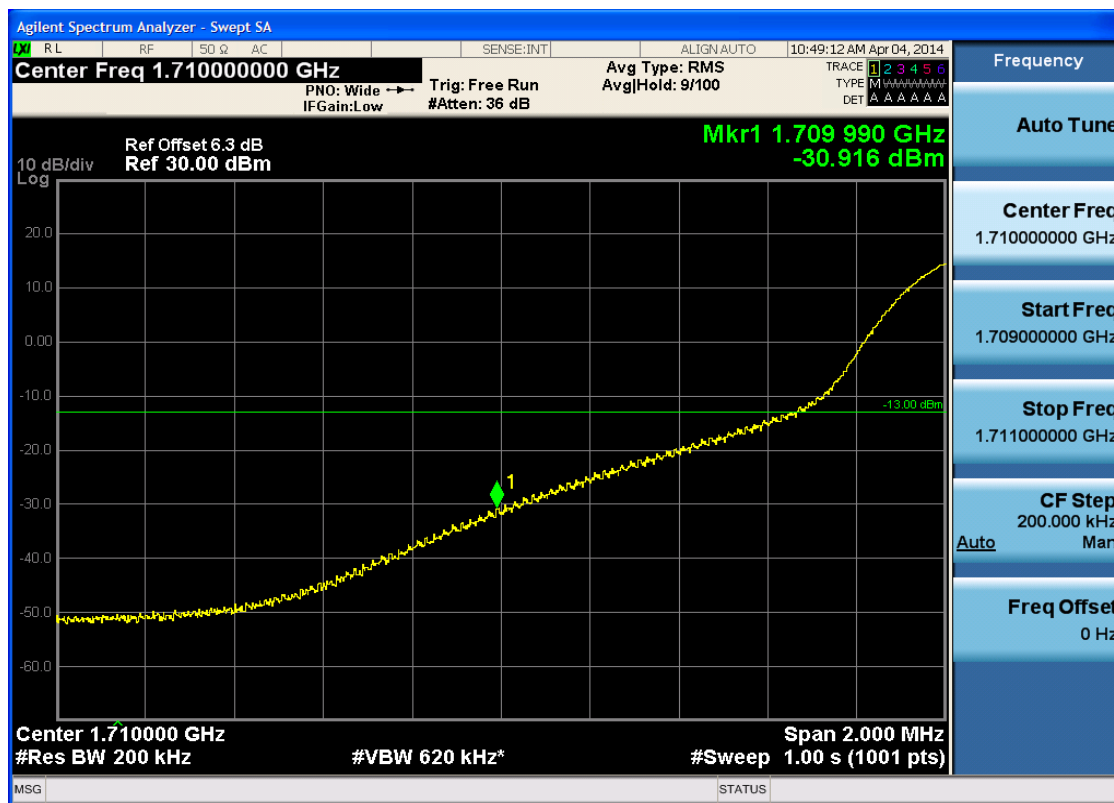
5.3.1.1.5.2.4 Test RB = RB75#0



5.3.1.1.6 Test Bandwidth = 20

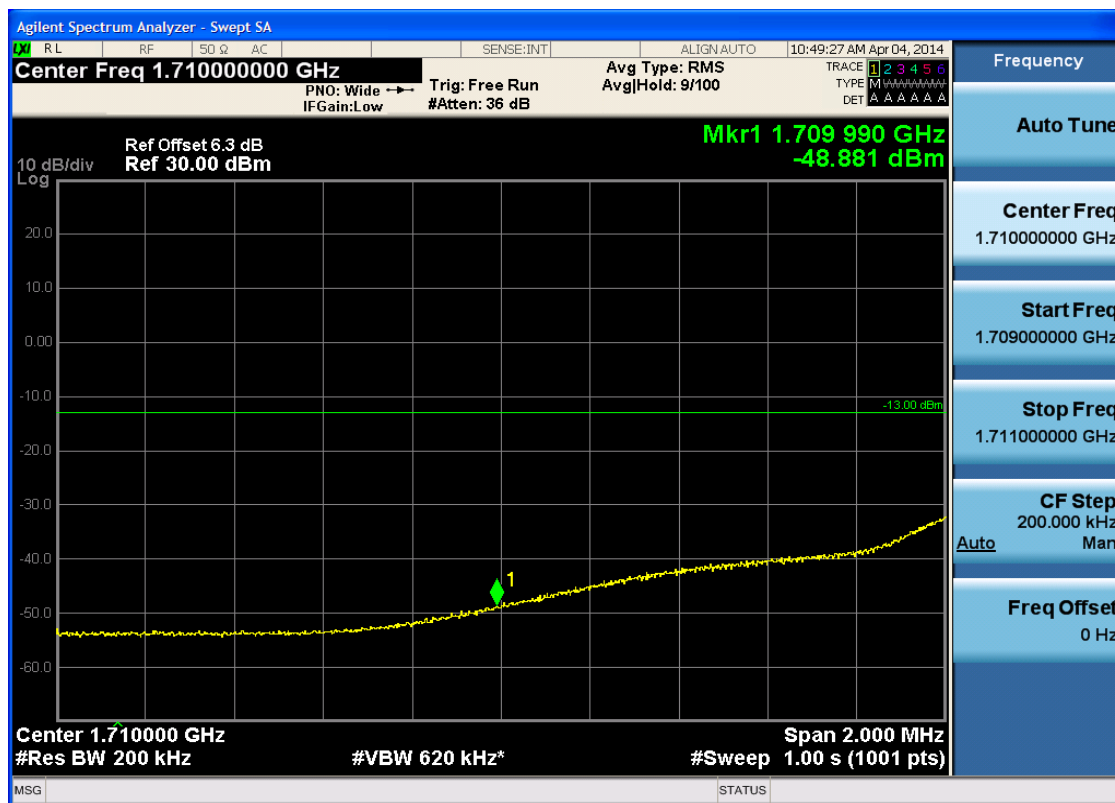
5.3.1.1.6.1 Test Channel = LCH

5.3.1.1.6.1.1 Test RB = RB1#0





5.3.1.1.6.1.2 Test RB = RB1#99



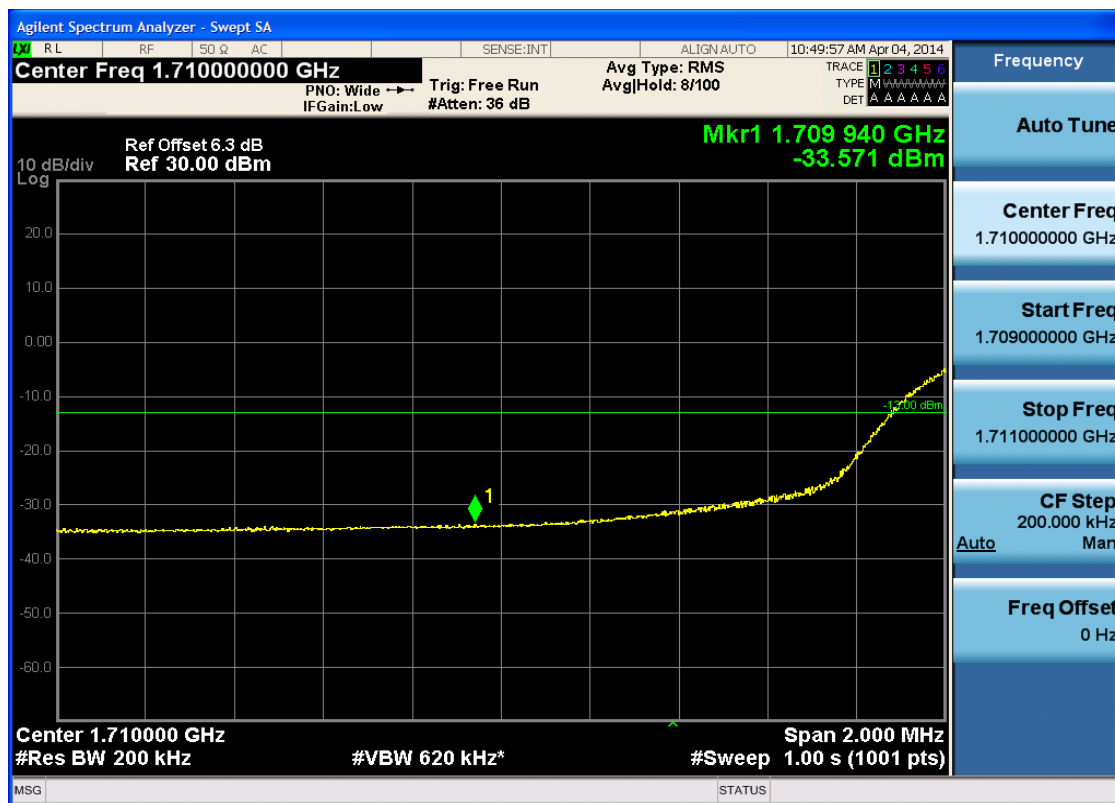


5.3.1.1.6.1.3 Test RB = RB50#25





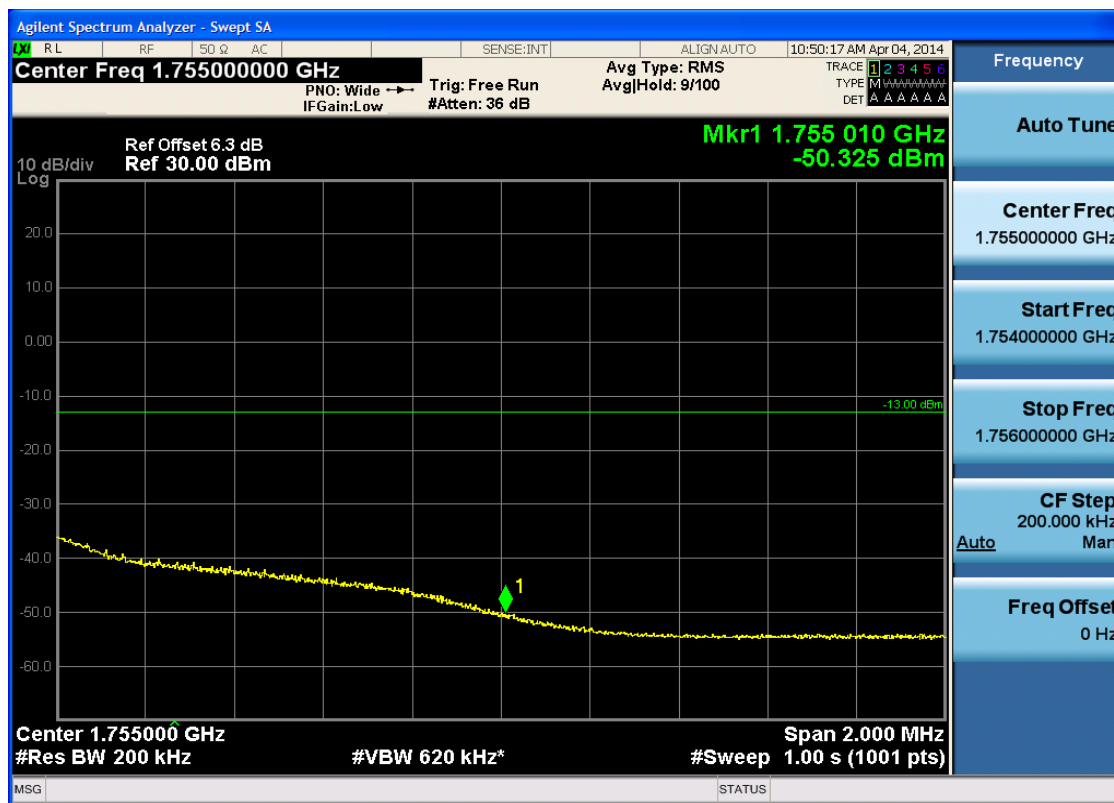
5.3.1.1.6.1.4 Test RB = RB100#0





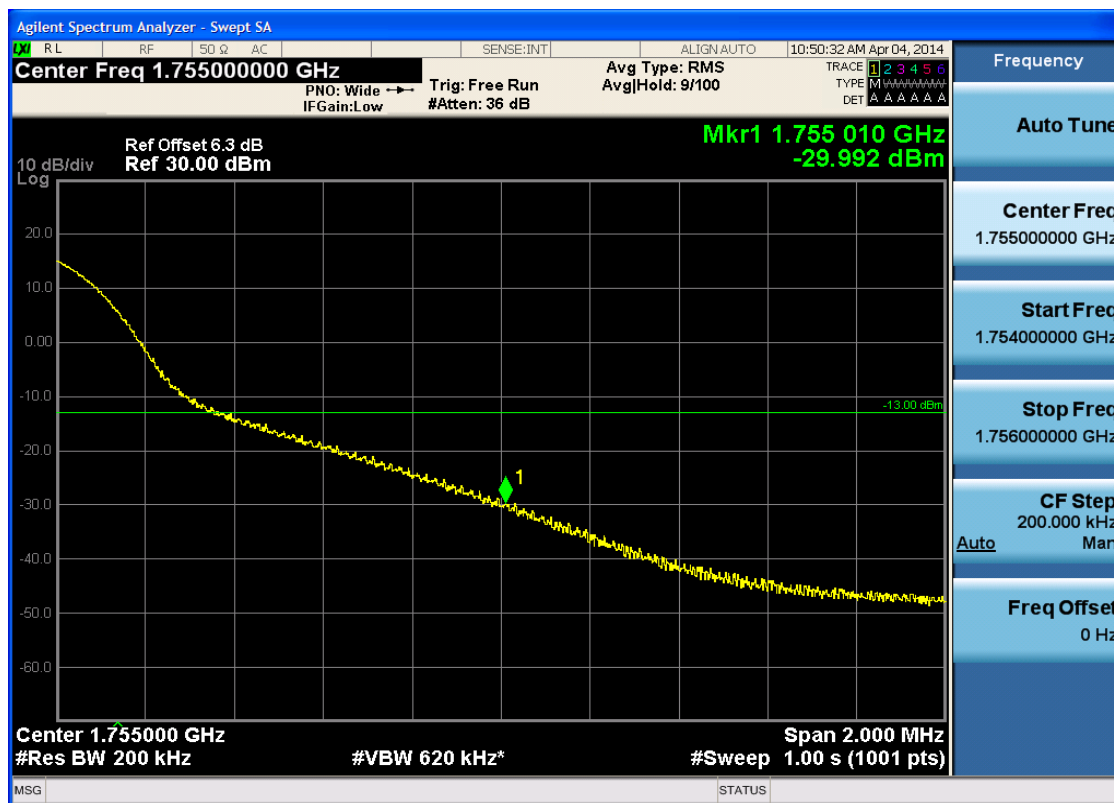
5.3.1.1.6.2 Test Channel = HCH

5.3.1.1.6.2.1 Test RB = RB1#0



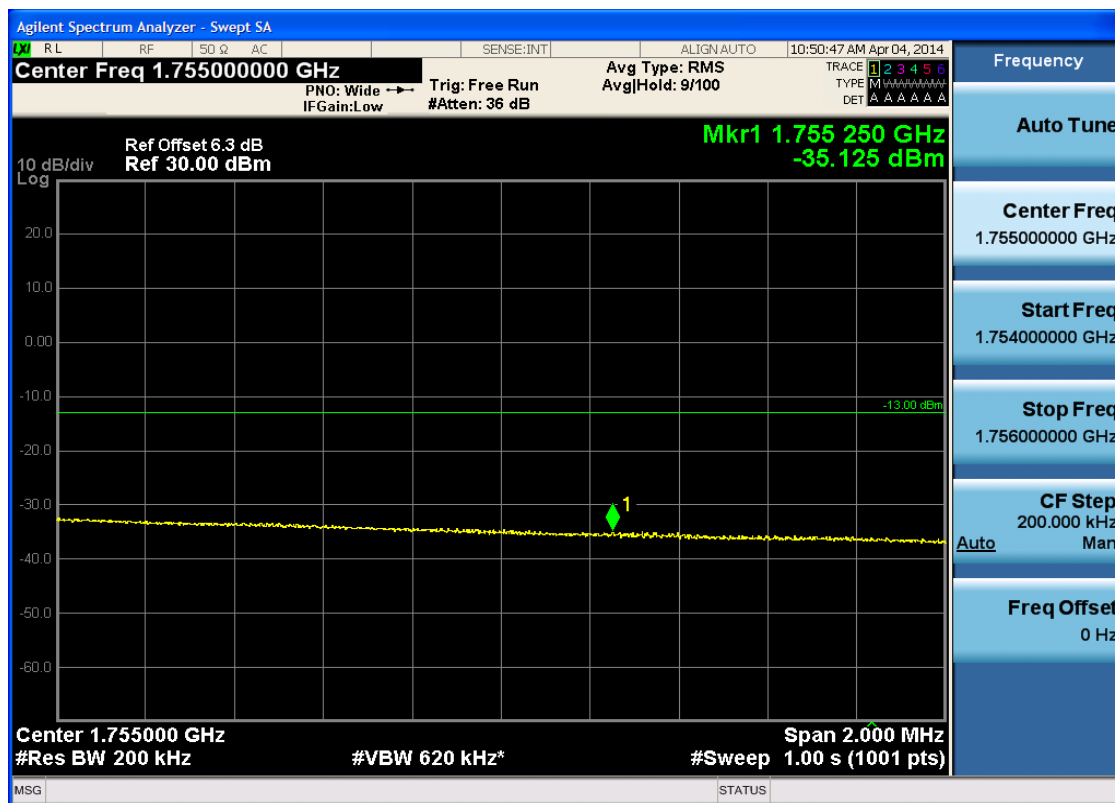


5.3.1.1.6.2.2 Test RB = RB1#99



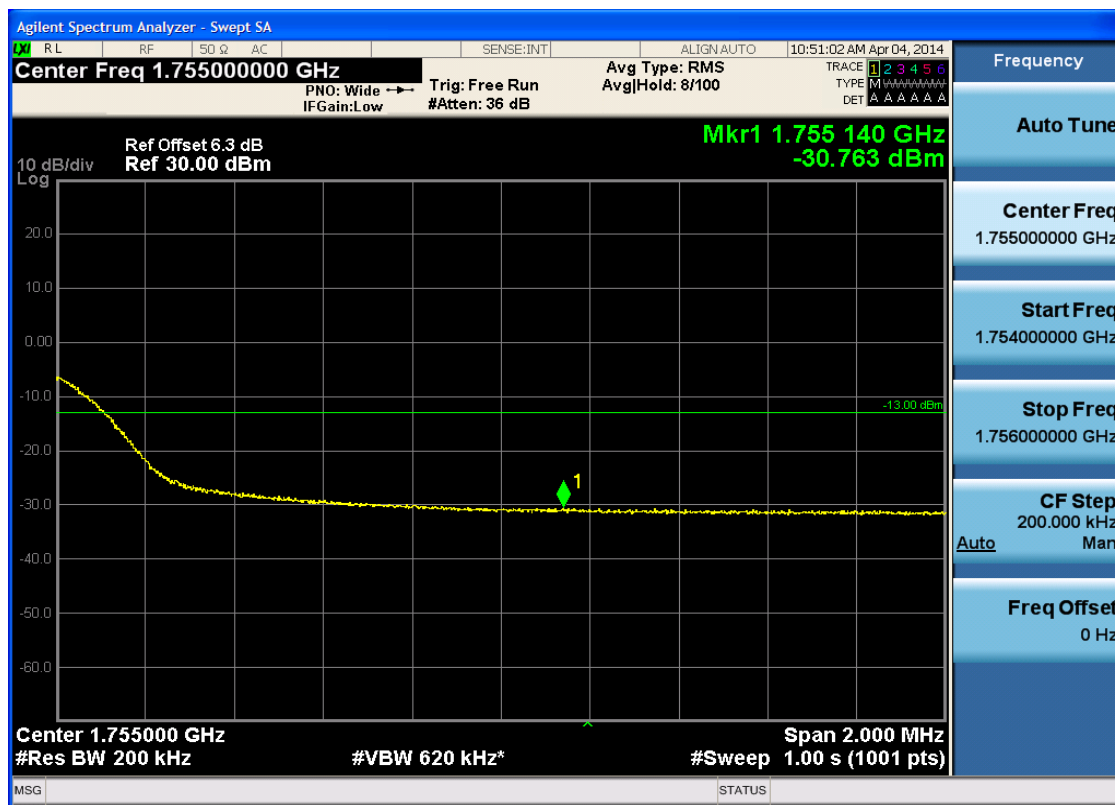


5.3.1.1.6.2.3 Test RB = RB50#25





5.3.1.1.6.2.4 Test RB = RB100#0



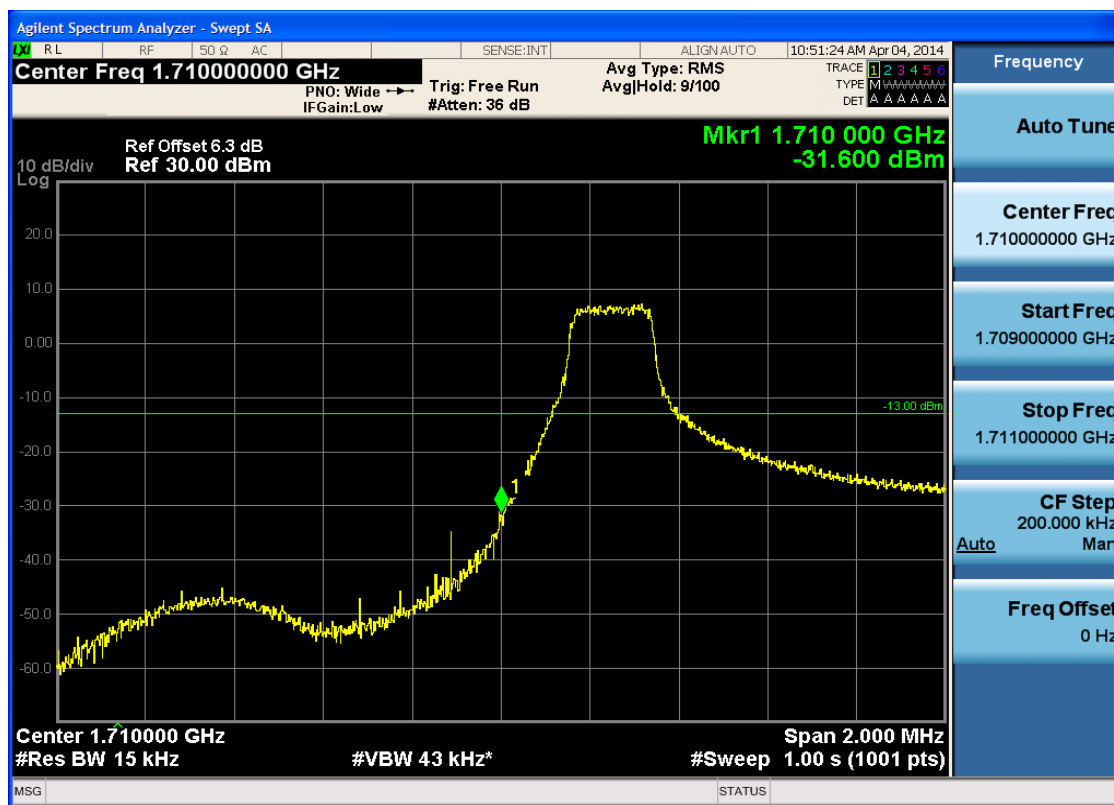


5.3.1.2 Test Mode = LTE/TM2

5.3.1.2.1 Test Bandwidth = 1.4

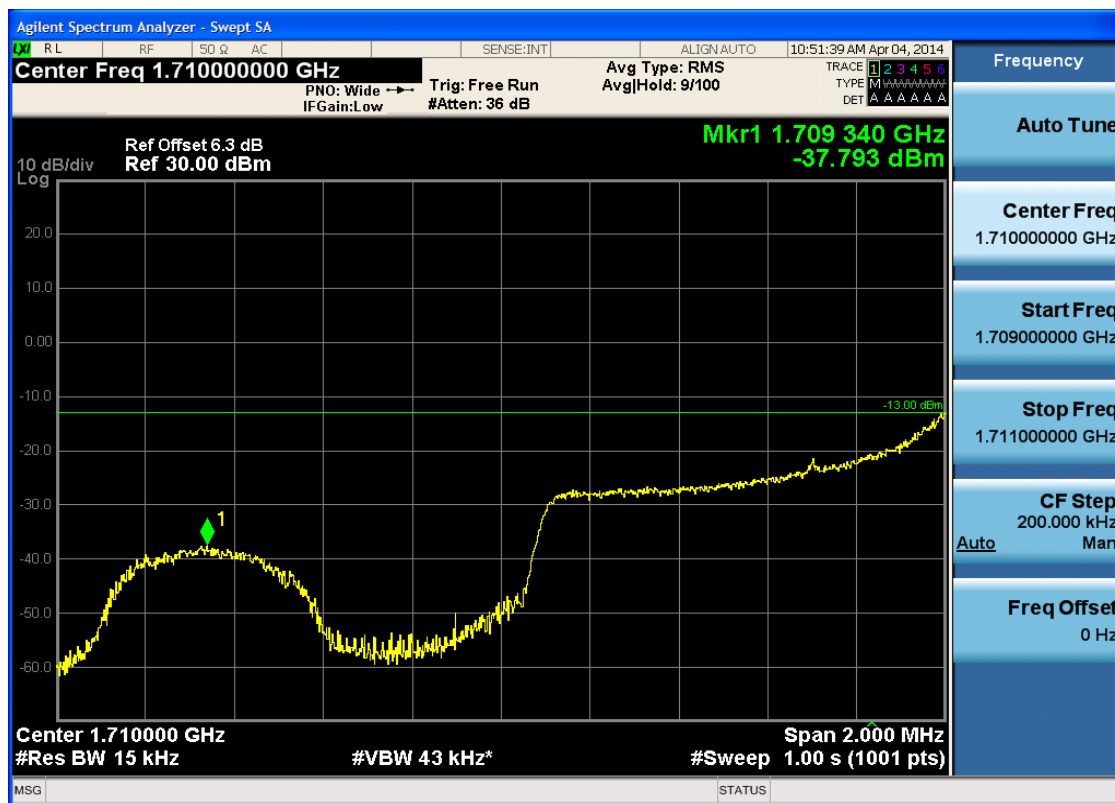
5.3.1.2.1.1 Test Channel = LCH

5.3.1.2.1.1.1 Test RB = RB1#0



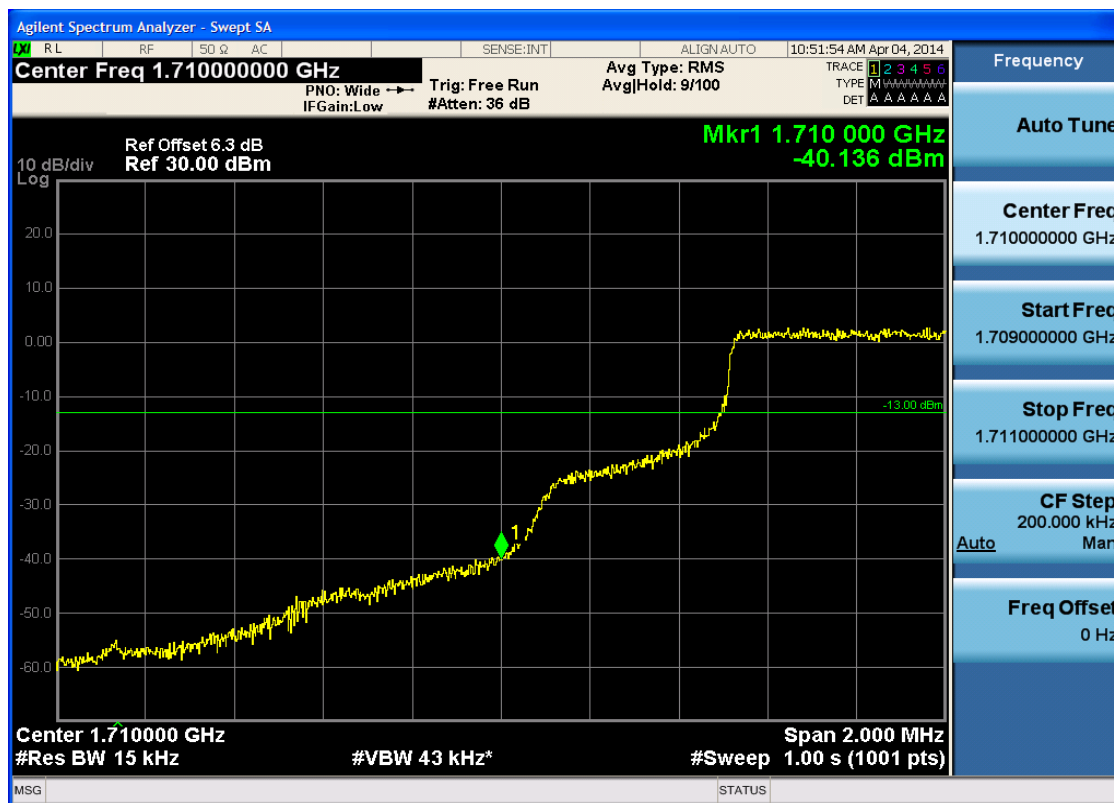


5.3.1.2.1.1.2 Test RB = RB1#5



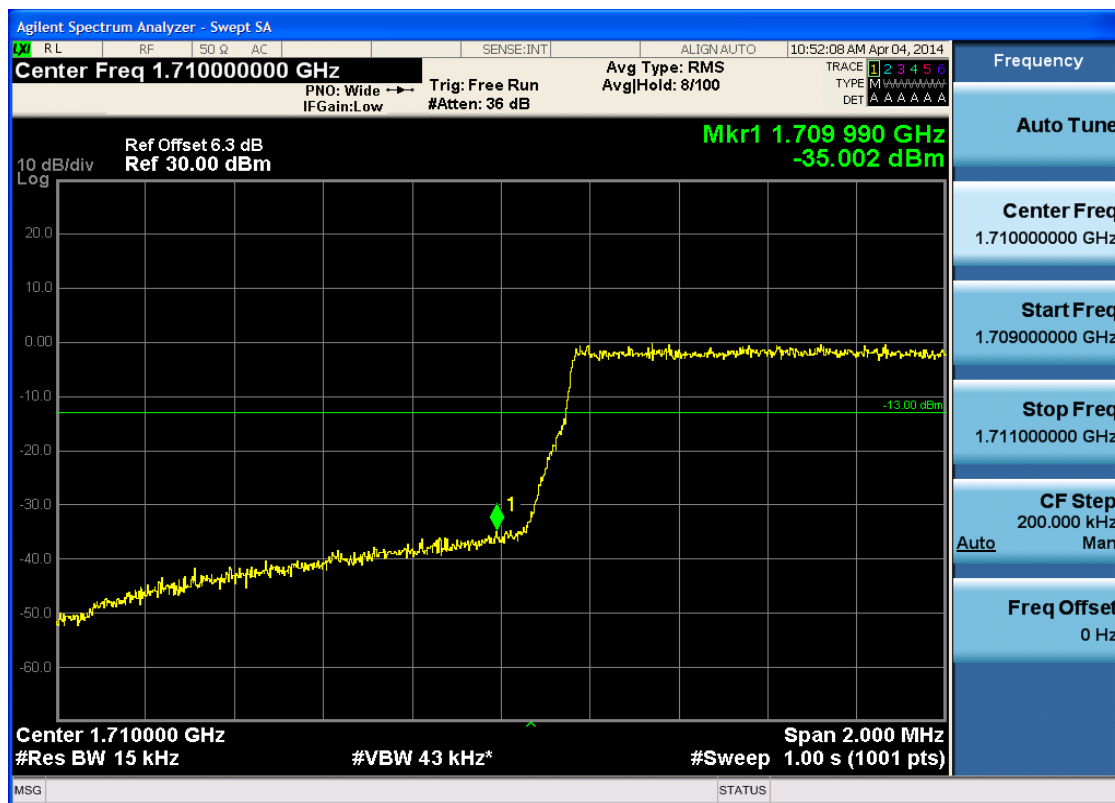


5.3.1.2.1.1.3 Test RB = RB3#2





5.3.1.2.1.1.4 Test RB = RB6#0





5.3.1.2.1.2 Test Channel = HCH

5.3.1.2.1.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

R/L	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	10:52:43 AM Apr 04, 2014
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Center Freq 1.75500000 GHz

PNO: Wide → Trig: Free Run Avg Type: RMS
IFGain: Low #Atten: 36 dB AvgHold: 9/100

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

Mkr1 1.755 000 GHz
-35.101 dBm

Ref Offset 6.3 dB
Ref 30.00 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

1

Center 1.755000 GHz
#Res BW 15 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

#VBW 43 kHz*

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
Man

Freq Offset
0 Hz



5.3.1.2.1.2.3 Test RB = RB3#2

