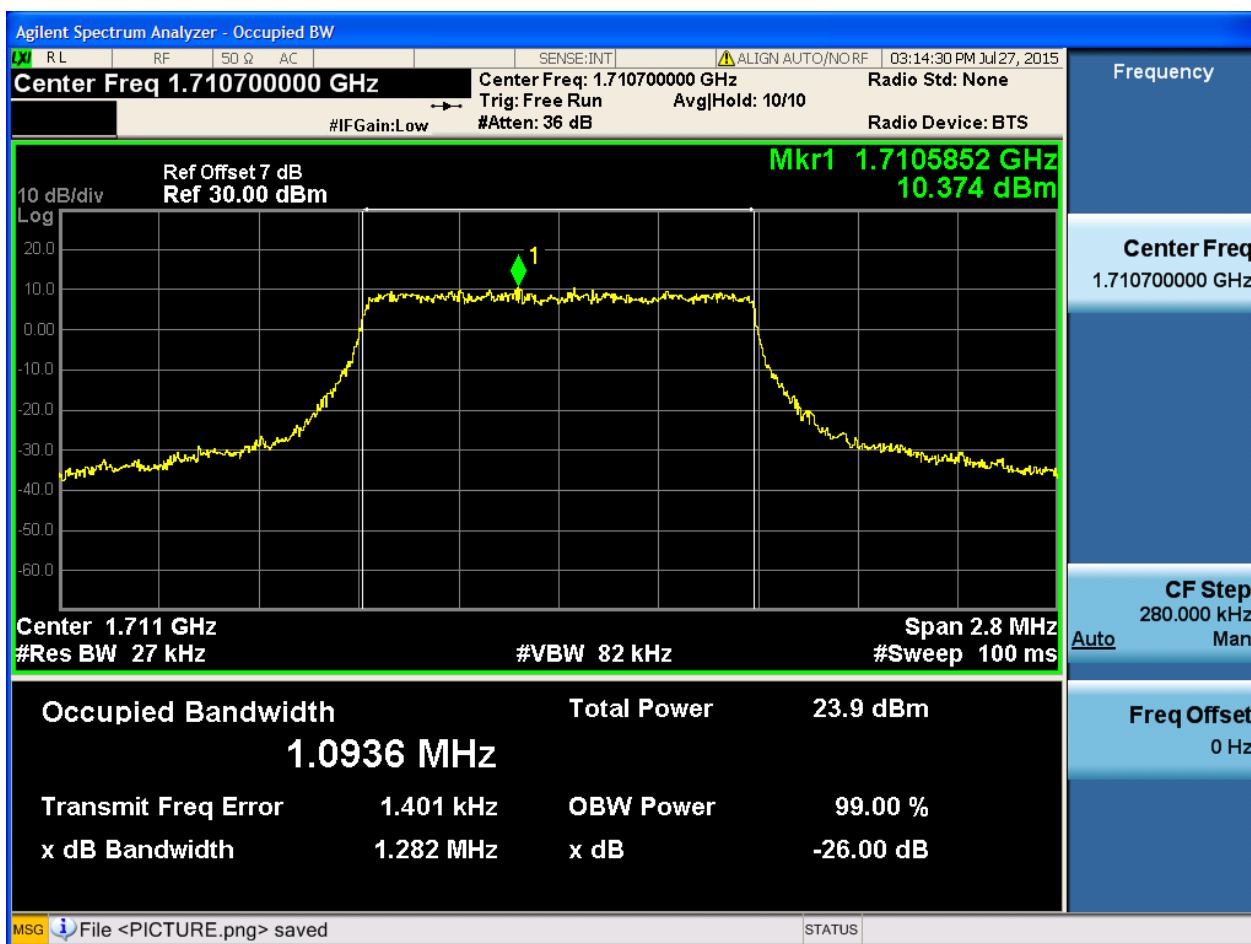


4.1.2.2 Test Mode = LTE/TM2

4.1.2.2.1 Test Bandwidth = 1.4

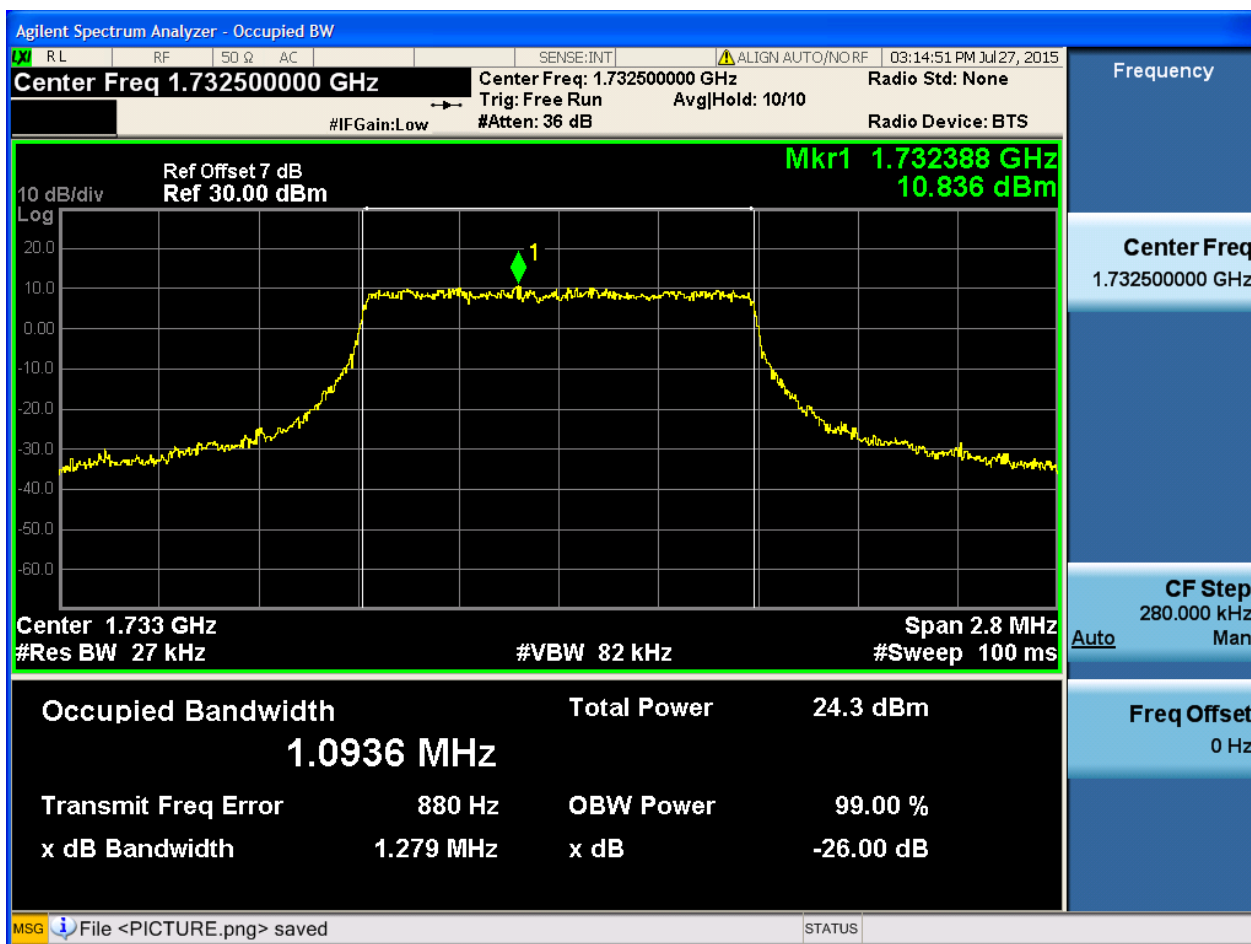
4.1.2.2.1.1 Test Channel = LCH

4.1.2.2.1.1.1 Test RB = RB6#0



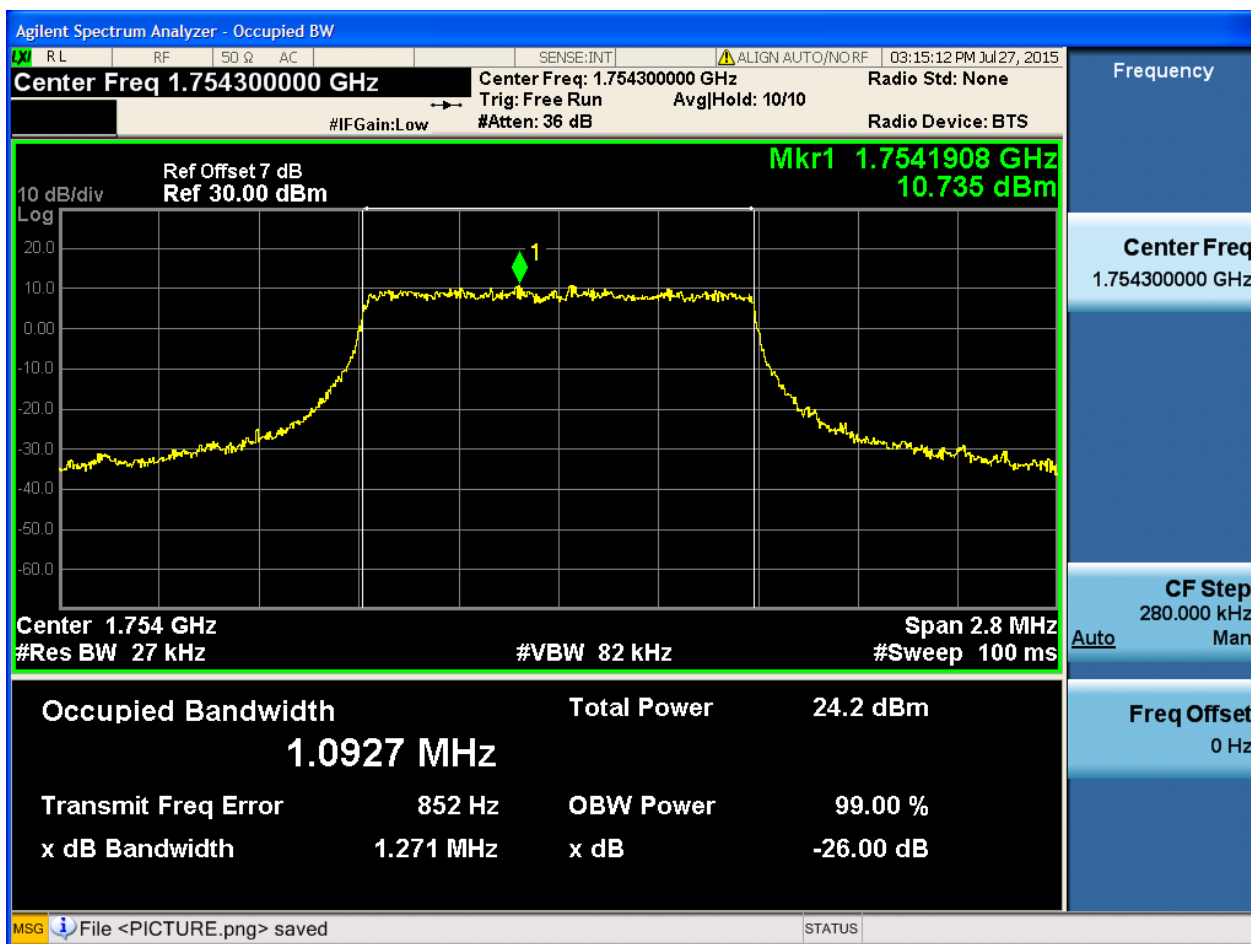
4.1.2.2.1.2 Test Channel = MCH

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

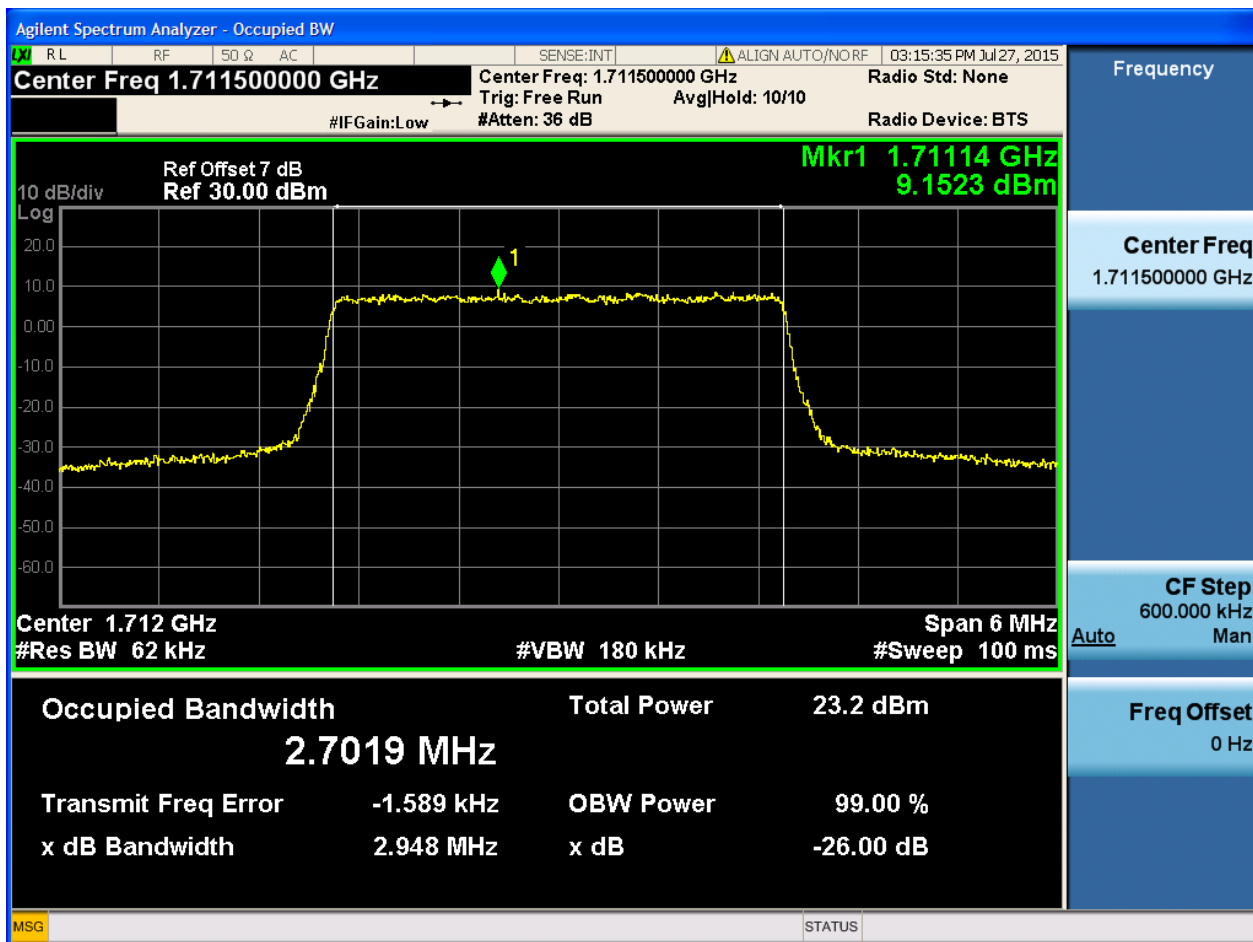




4.1.2.2.2 Test Bandwidth = 3

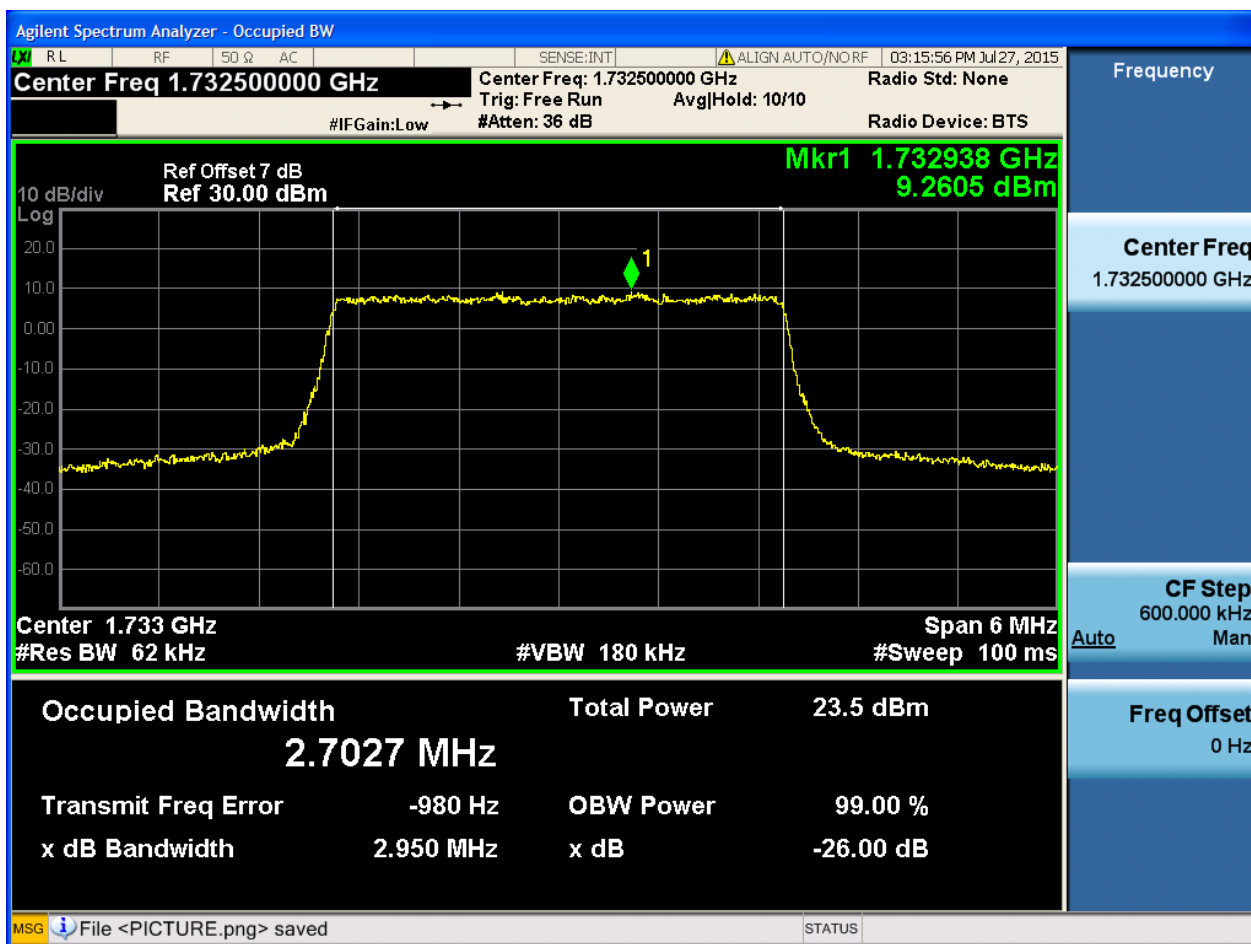
4.1.2.2.2.1 Test Channel = LCH

4.1.2.2.2.1.1 Test RB = RB15#0



4.1.2.2.2 Test Channel = MCH

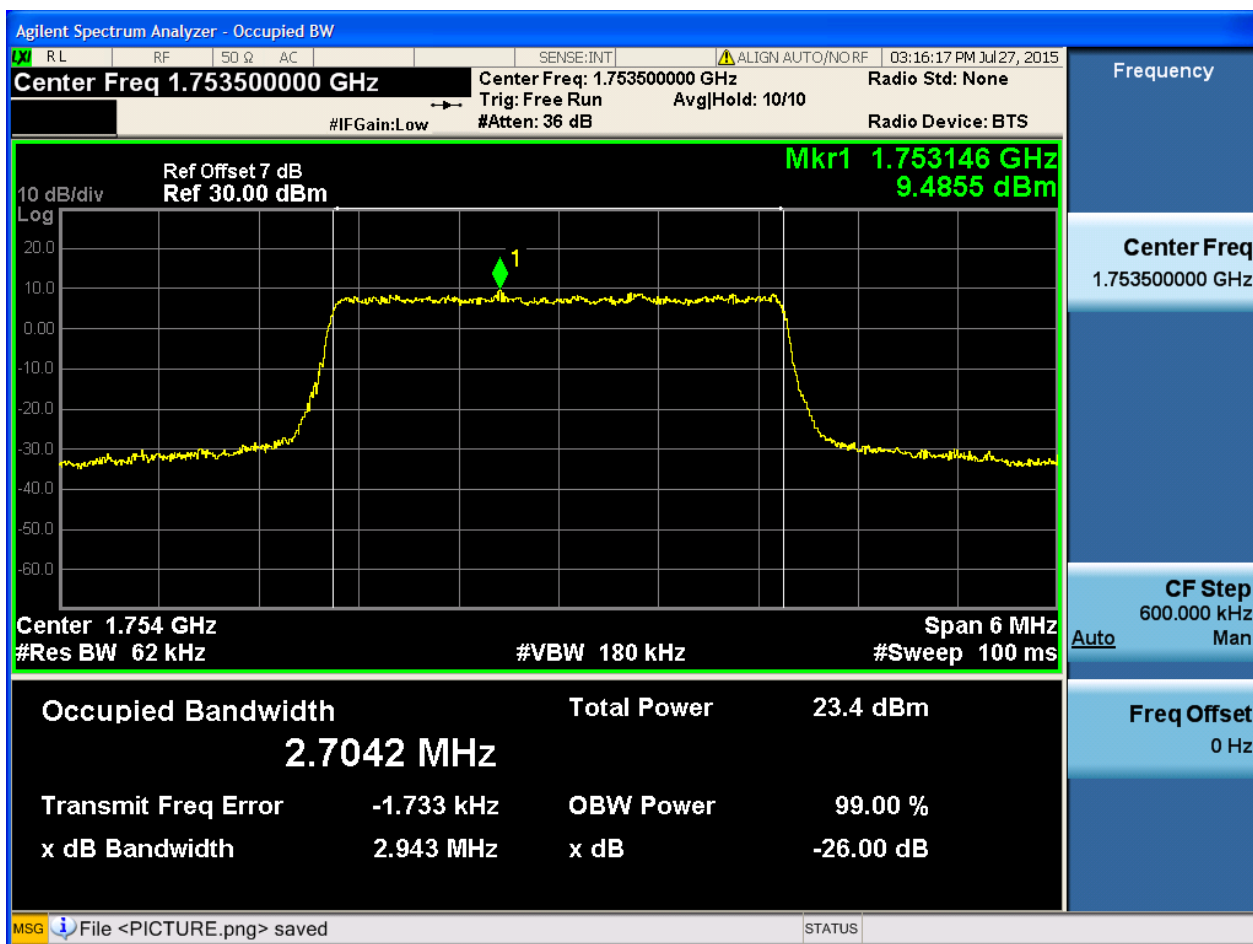
4.1.2.2.2.1 Test RB = RB15#0





4.1.2.2.2.3 Test Channel = HCH

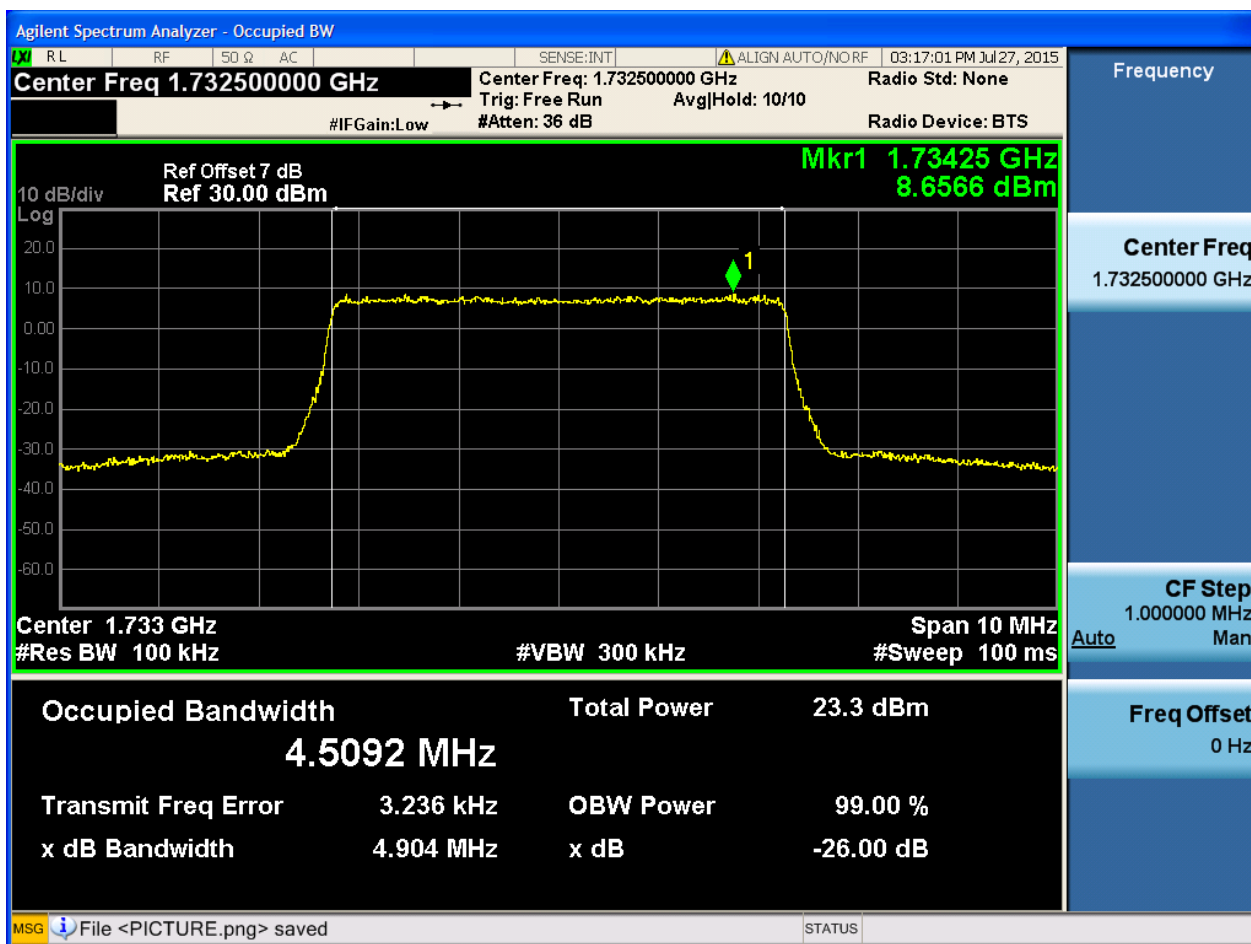
4.1.2.2.2.3.1 Test RB = RB15#0





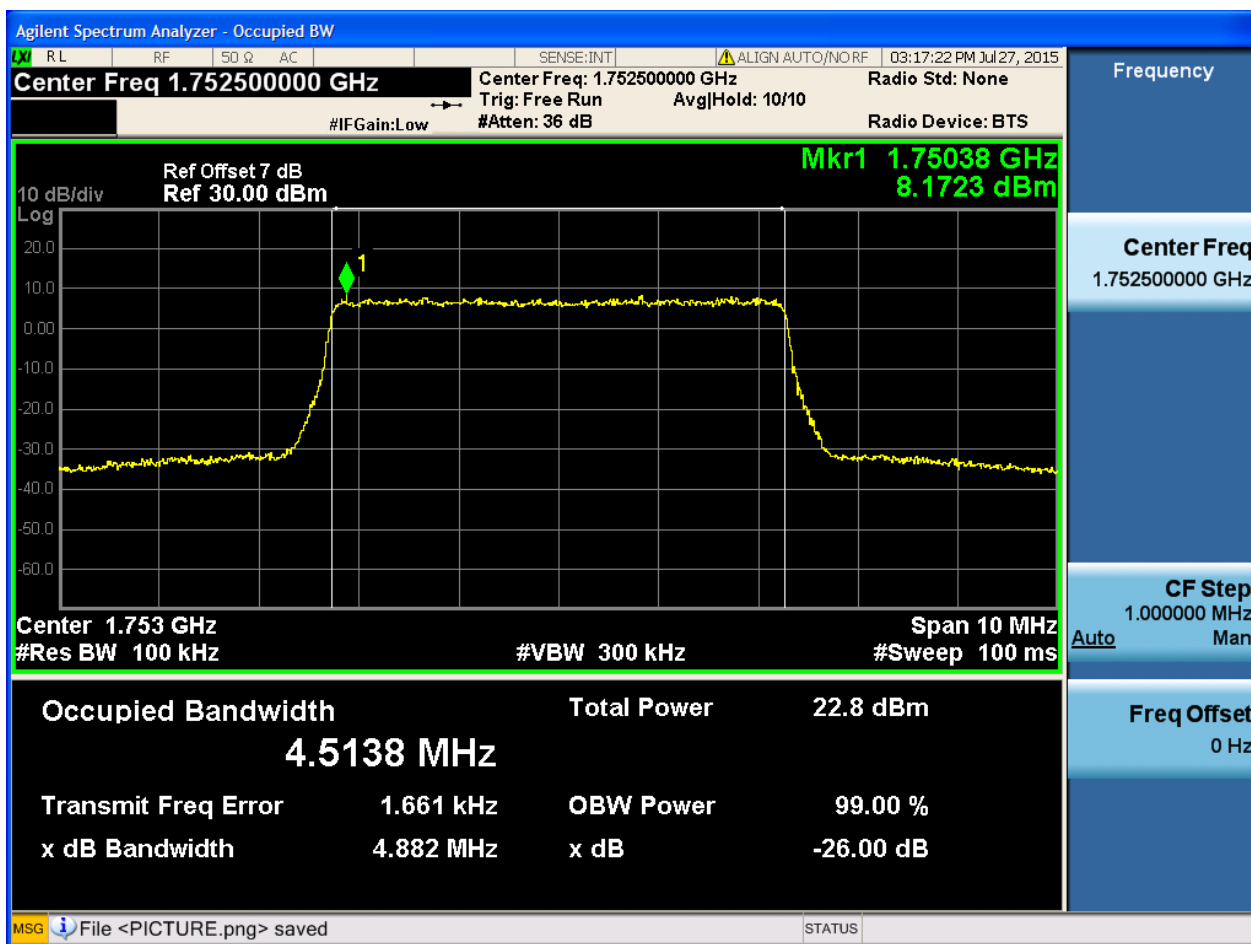
4.1.2.2.3.2 Test Channel = MCH

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

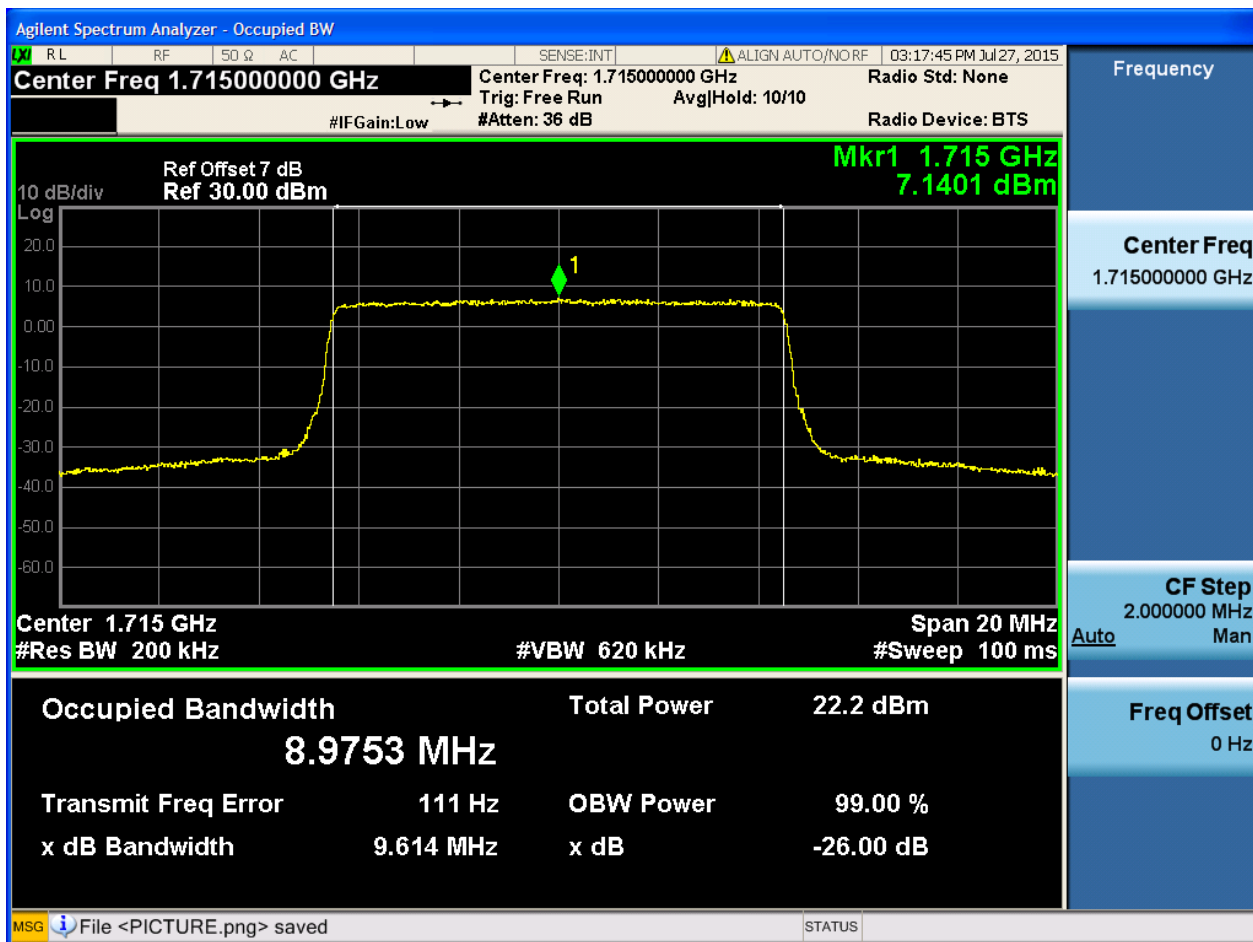




4.1.2.2.4 Test Bandwidth = 10

4.1.2.2.4.1 Test Channel = LCH

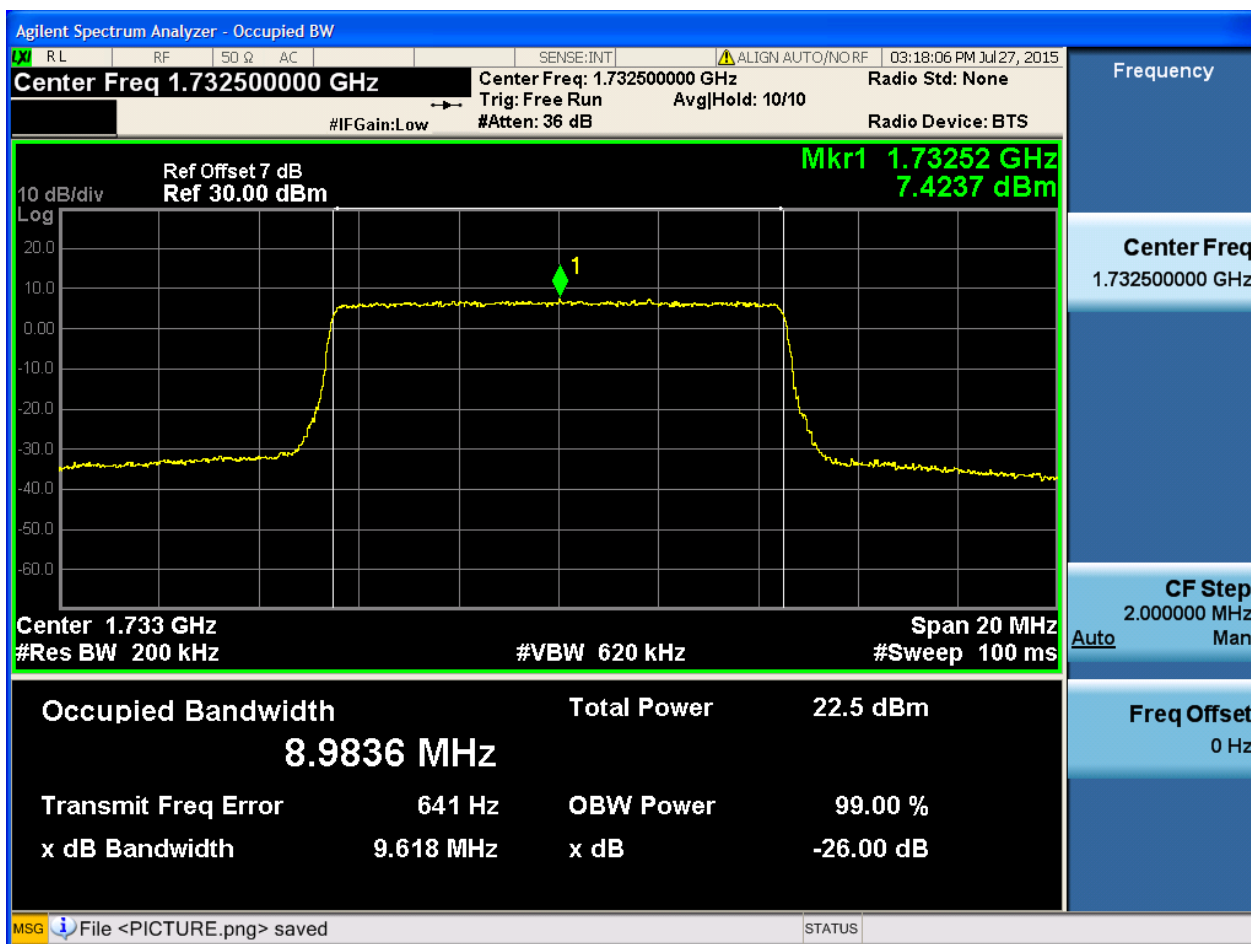
4.1.2.2.4.1.1 Test RB = RB50#0





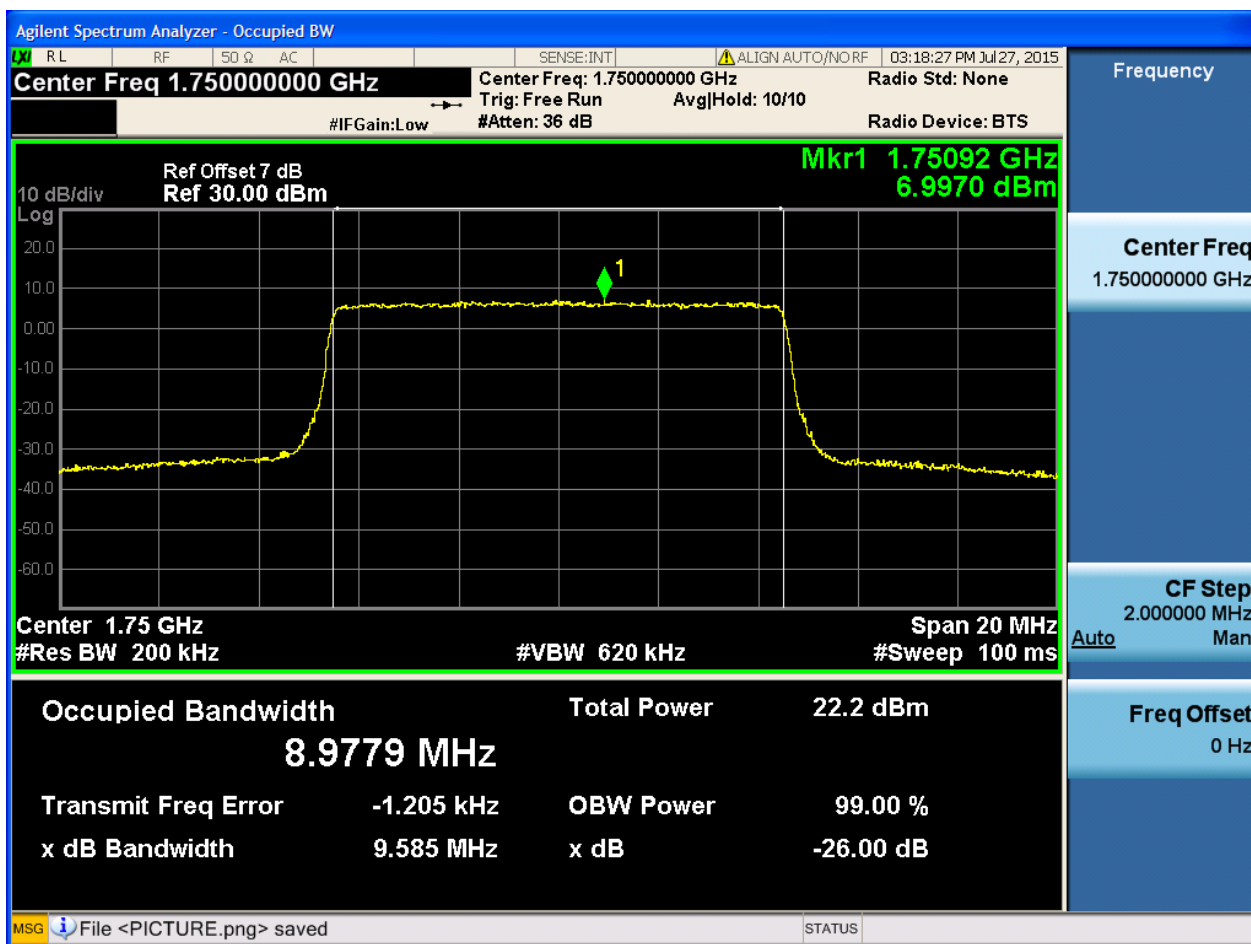
4.1.2.2.4.2 Test Channel = MCH

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

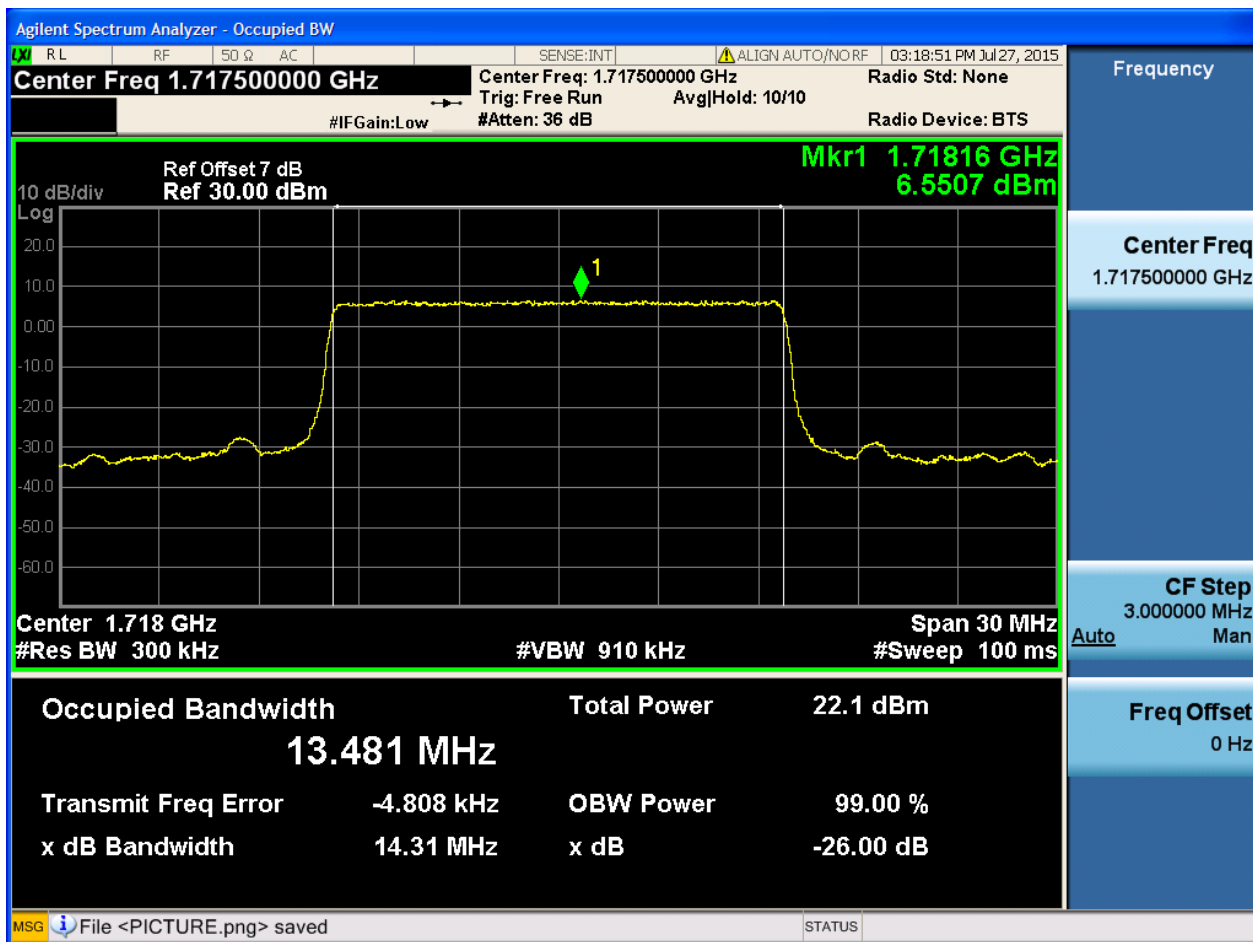




4.1.2.2.5 Test Bandwidth = 15

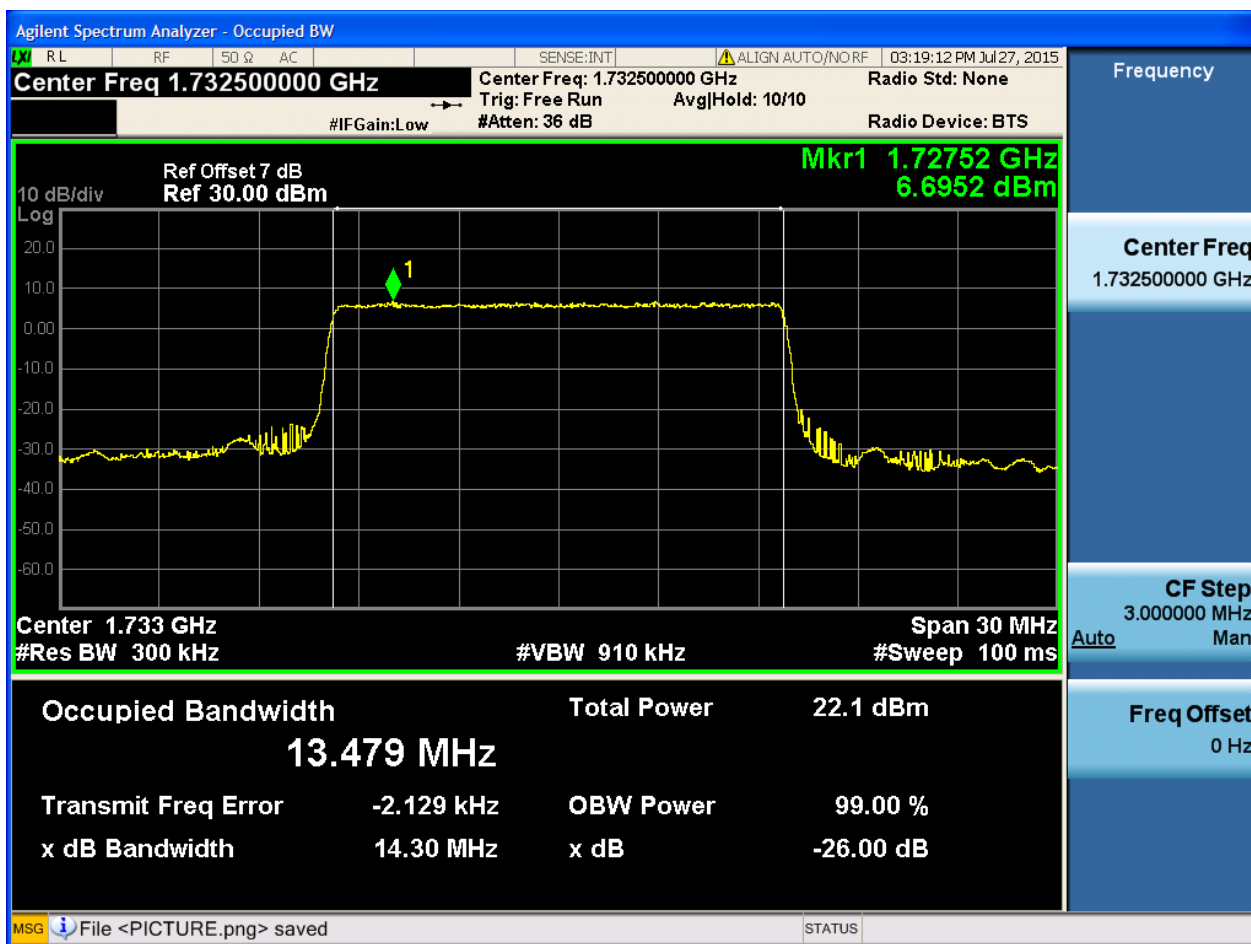
4.1.2.2.5.1 Test Channel = LCH

4.1.2.2.5.1.1 Test RB = RB75#0



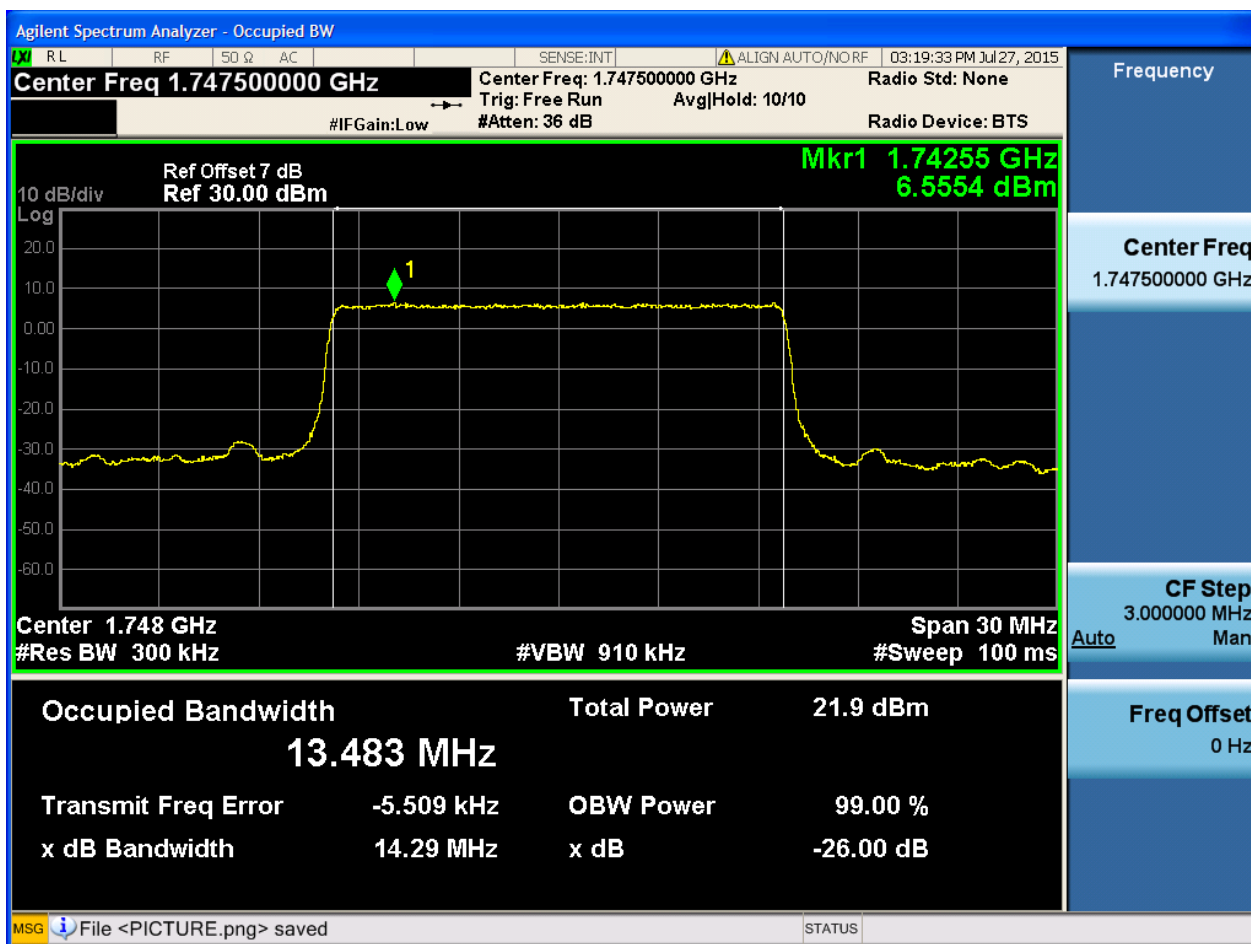
4.1.2.2.5.2 Test Channel = MCH

4.1.2.2.5.2.1 Test RB = RB75#0



4.1.2.2.5.3 Test Channel = HCH

4.1.2.2.5.3.1 Test RB = RB75#0

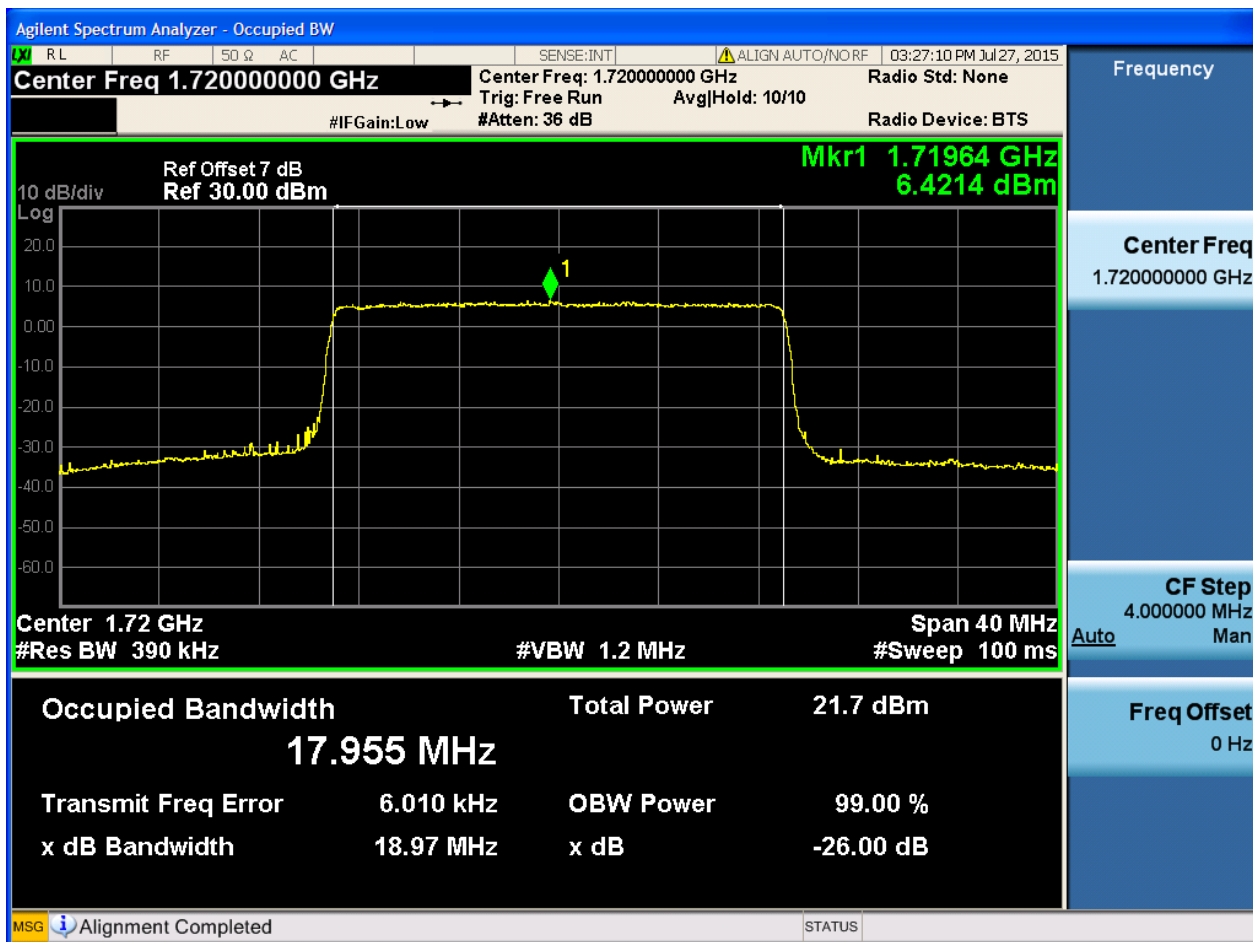




4.1.2.2.6 Test Bandwidth = 20

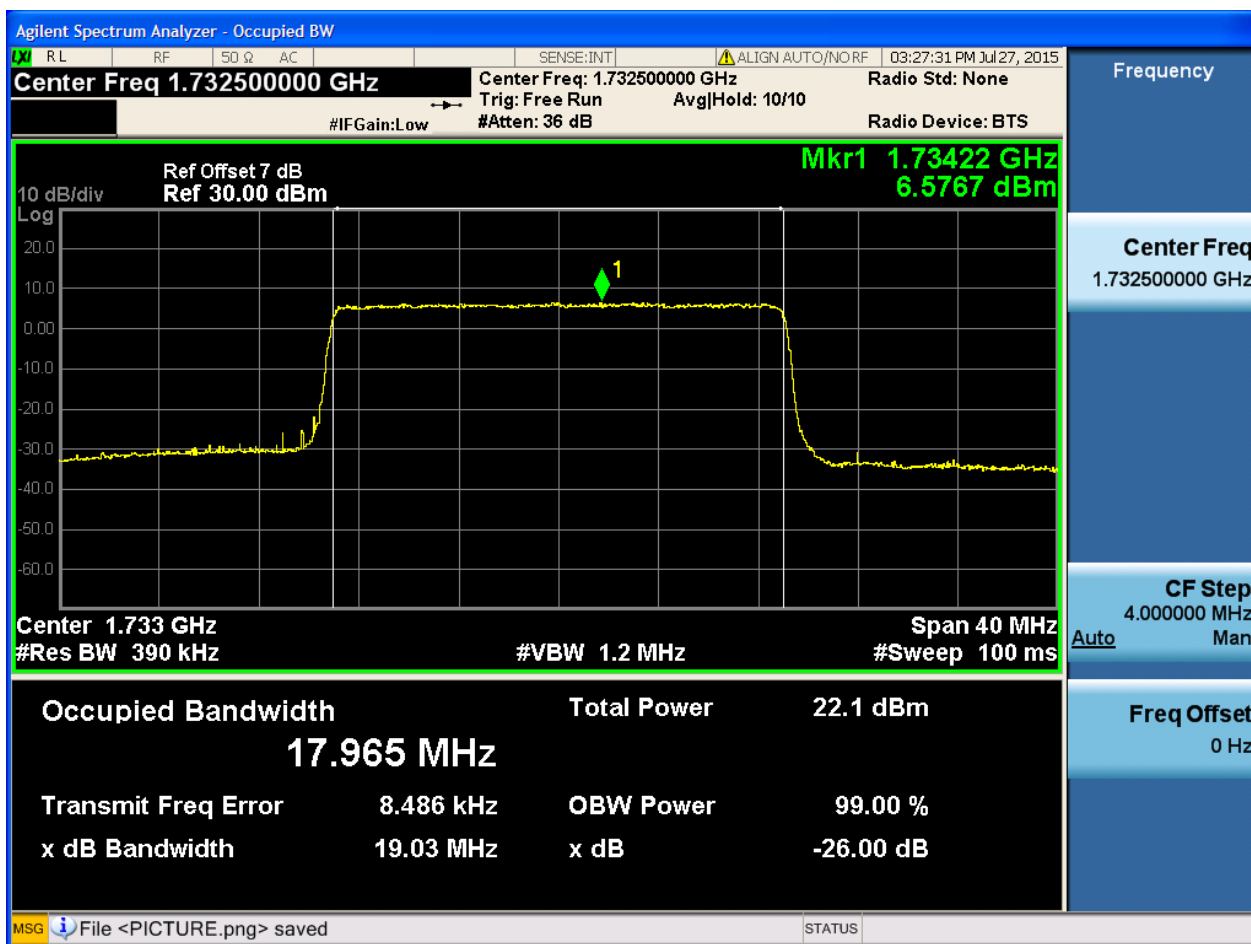
4.1.2.2.6.1 Test Channel = LCH

4.1.2.2.6.1.1 Test RB = RB100#0



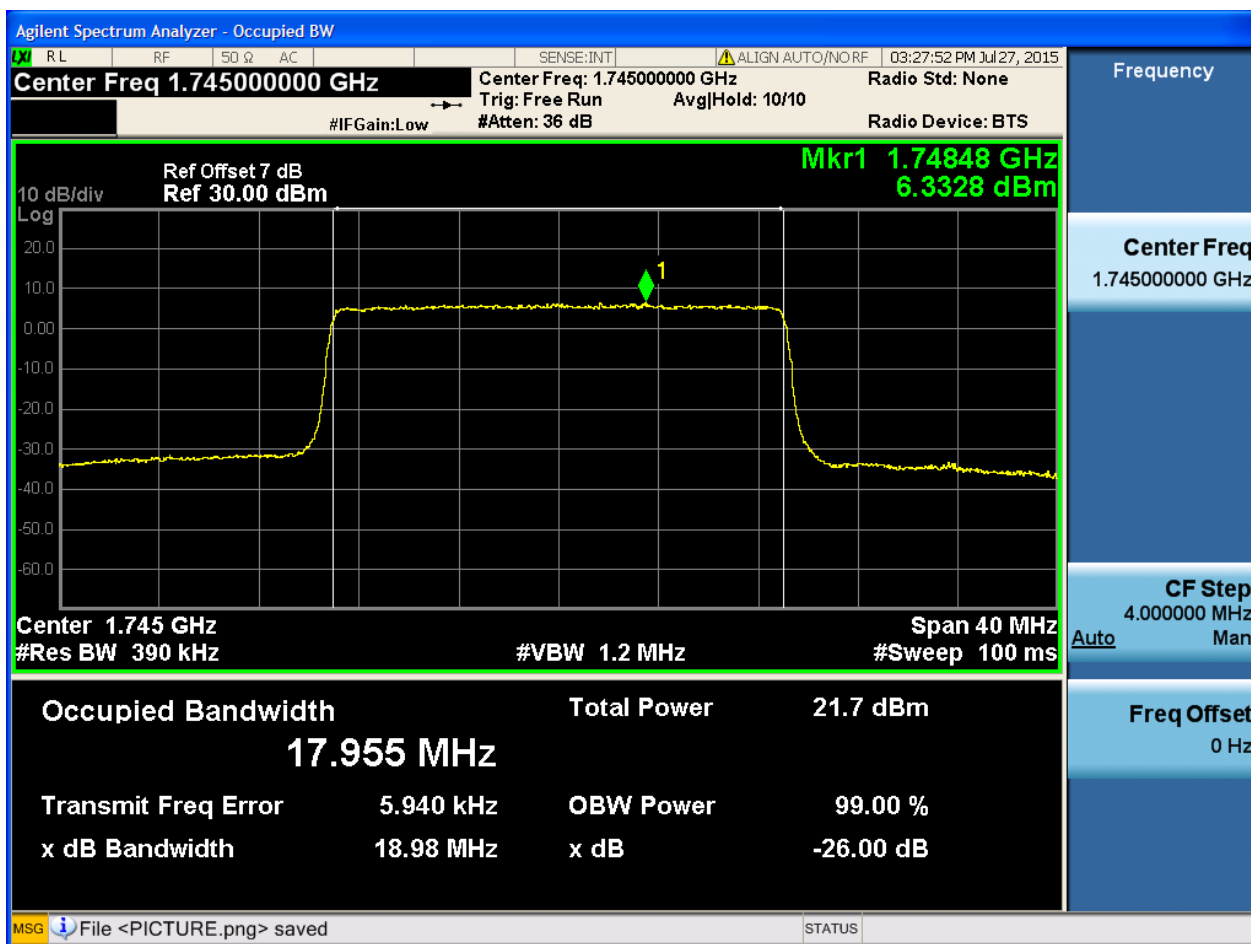
4.1.2.2.6.2 Test Channel = MCH

4.1.2.2.6.2.1 Test RB = RB100#0



4.1.2.2.6.3 Test Channel = HCH

4.1.2.2.6.3.1 Test RB = RB100#0



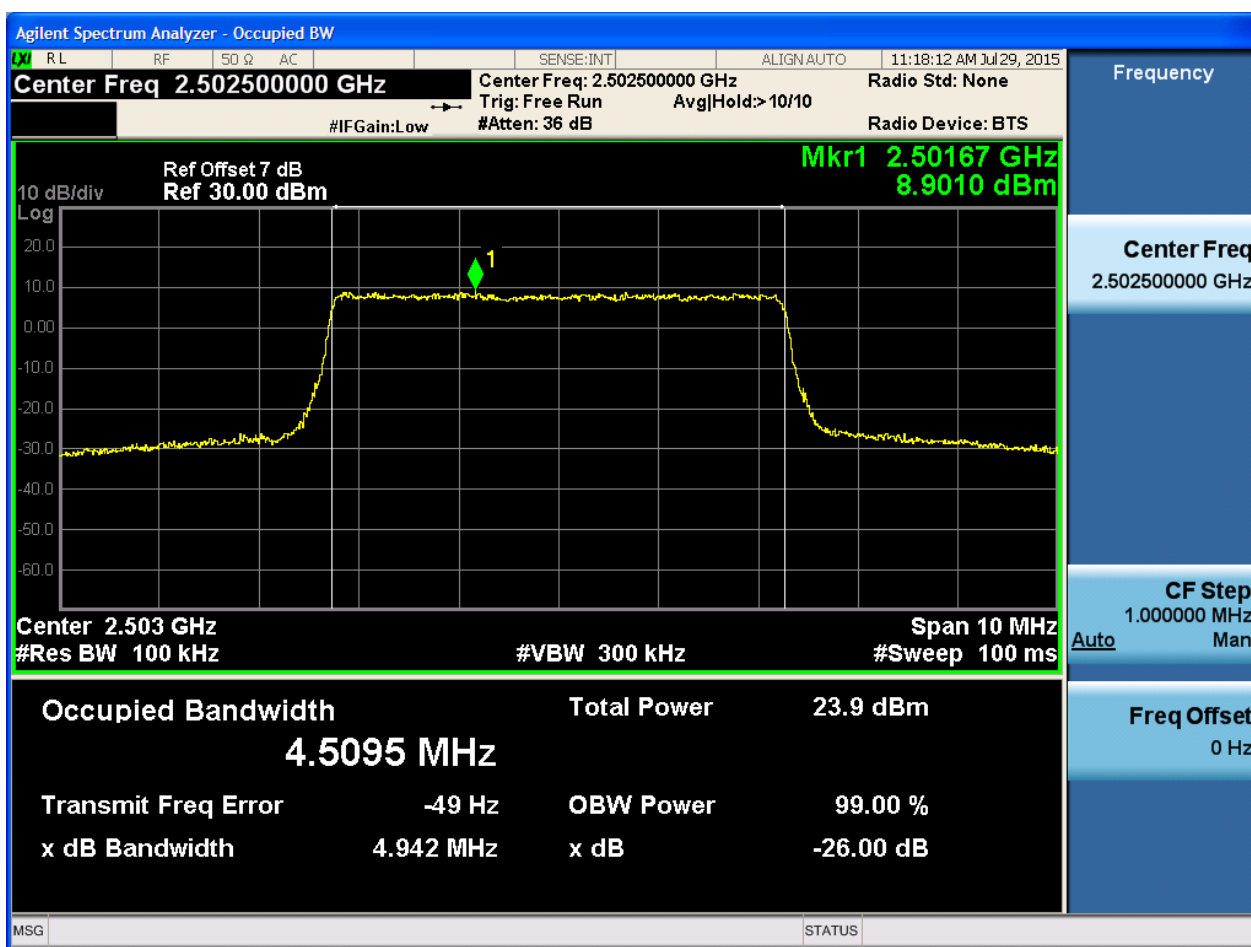
4.1.3 Test Band = BAND7

4.1.3.1 Test Mode = LTE/TM1

4.1.3.1.1 Test Bandwidth = 5

4.1.3.1.1.1 Test Channel = LCH

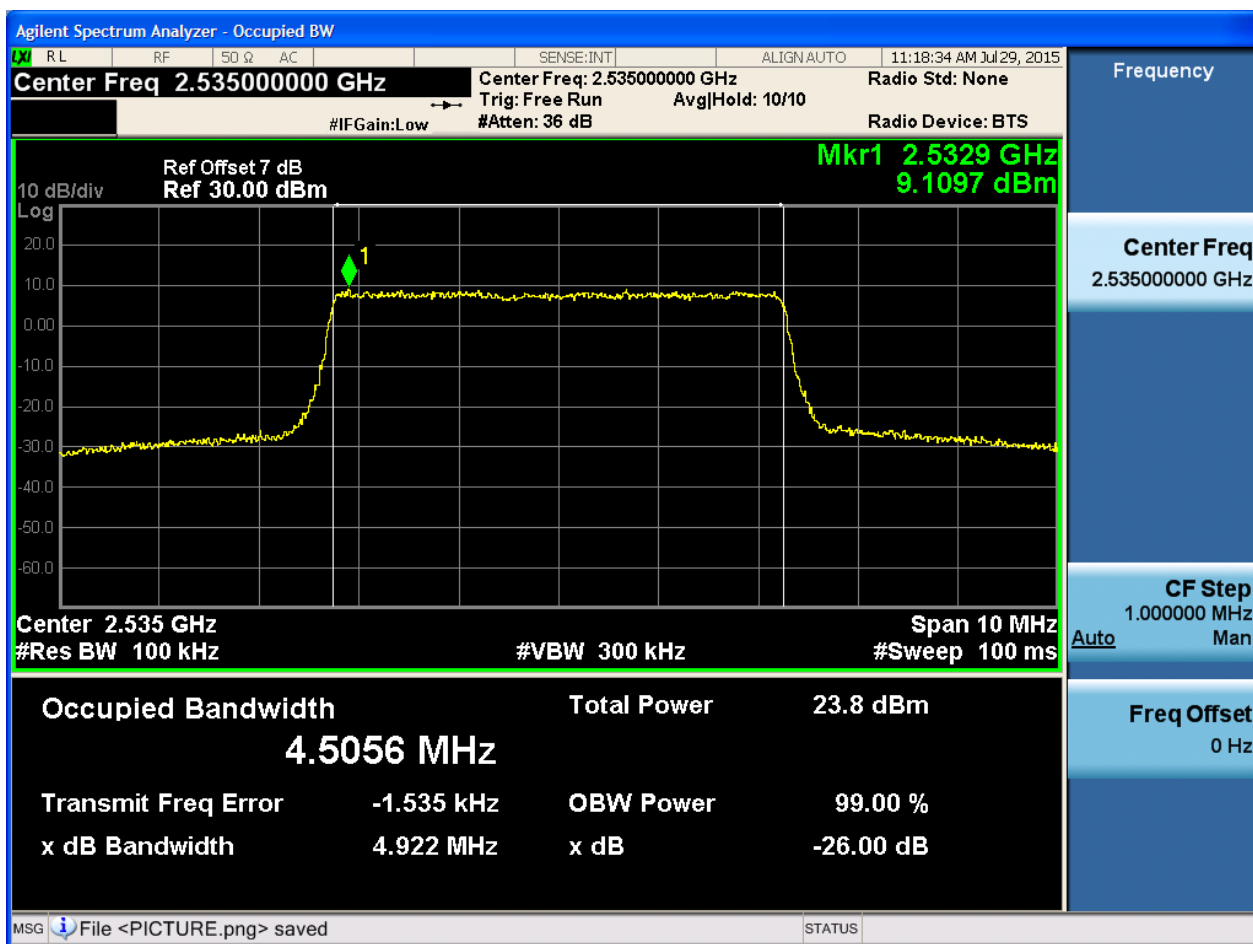
4.1.3.1.1.1.1 Test RB = RB25#0





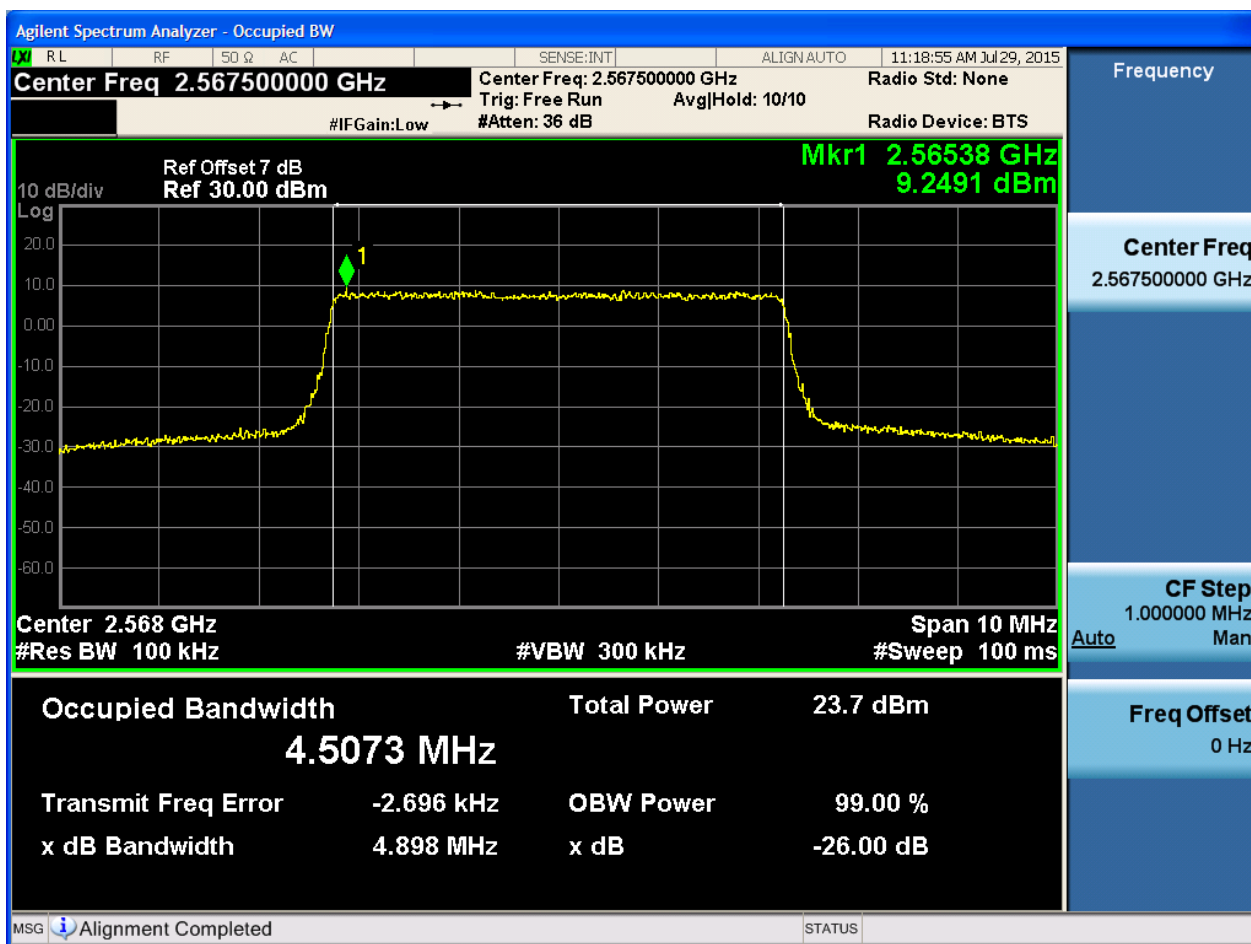
4.1.3.1.1.2 Test Channel = MCH

4.1.3.1.1.2.1 Test RB = RB25#0



4.1.3.1.1.3 Test Channel = HCH

4.1.3.1.1.3.1 Test RB = RB25#0

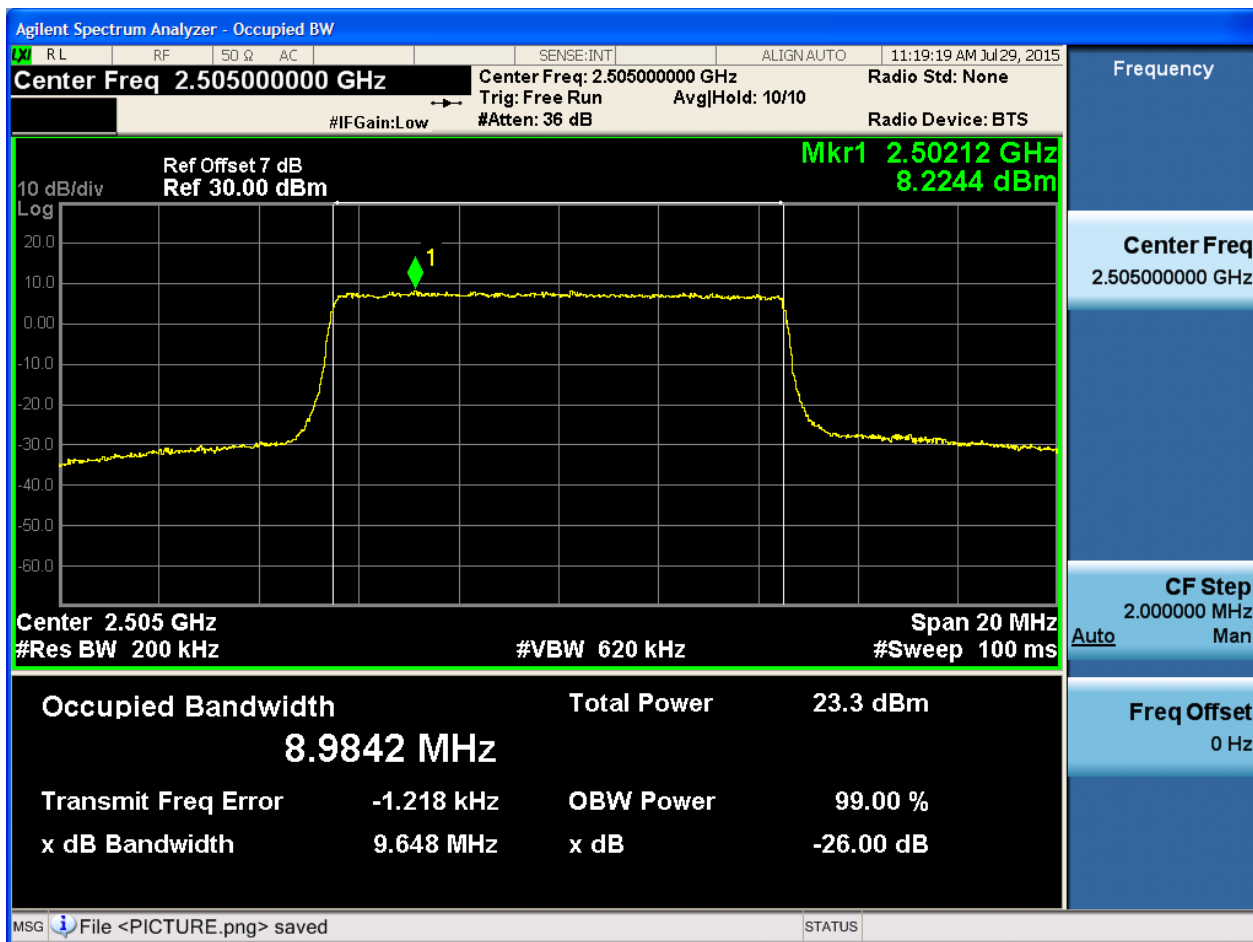




4.1.3.1.2 Test Bandwidth = 10

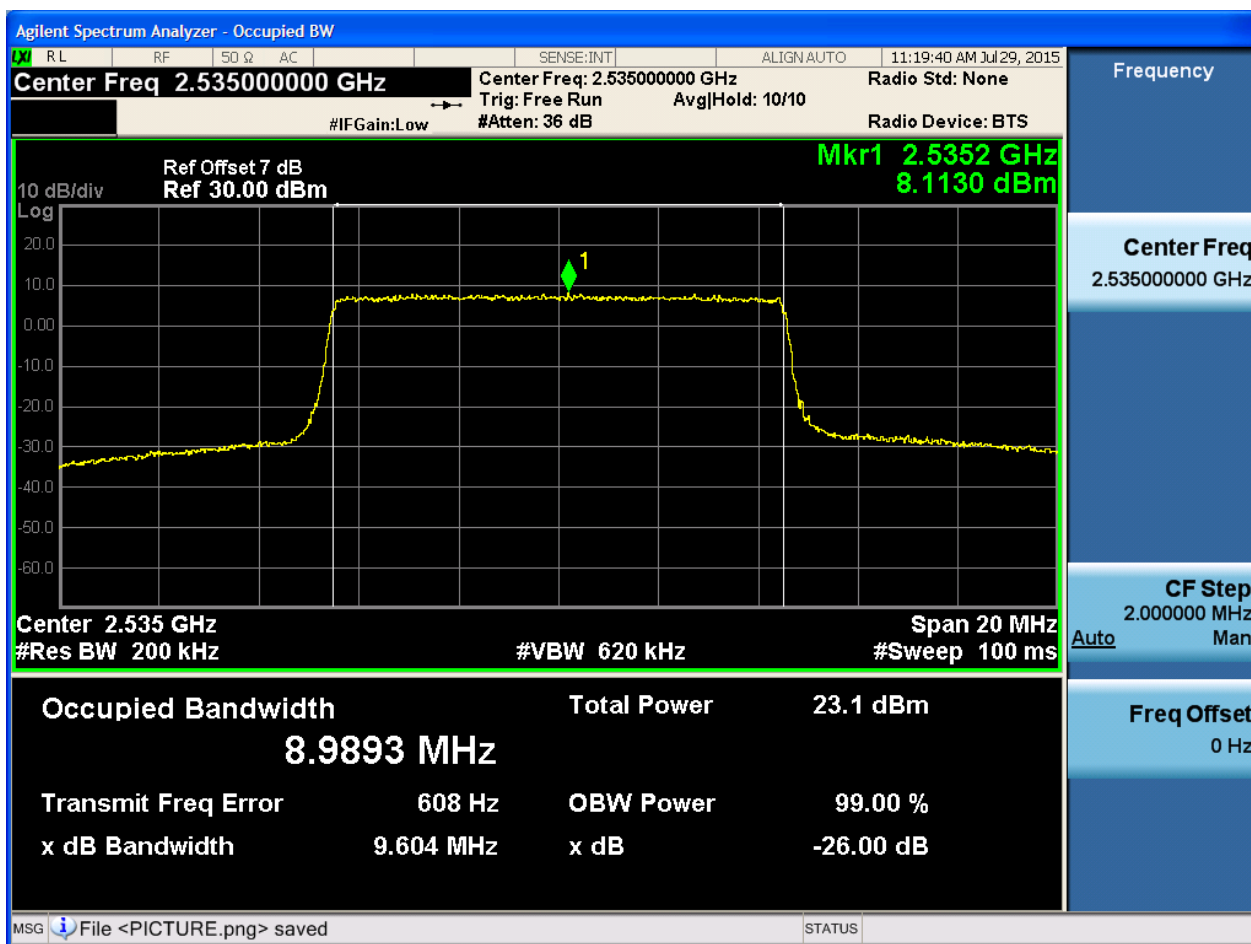
4.1.3.1.2.1 Test Channel = LCH

4.1.3.1.2.1.1 Test RB = RB50#0



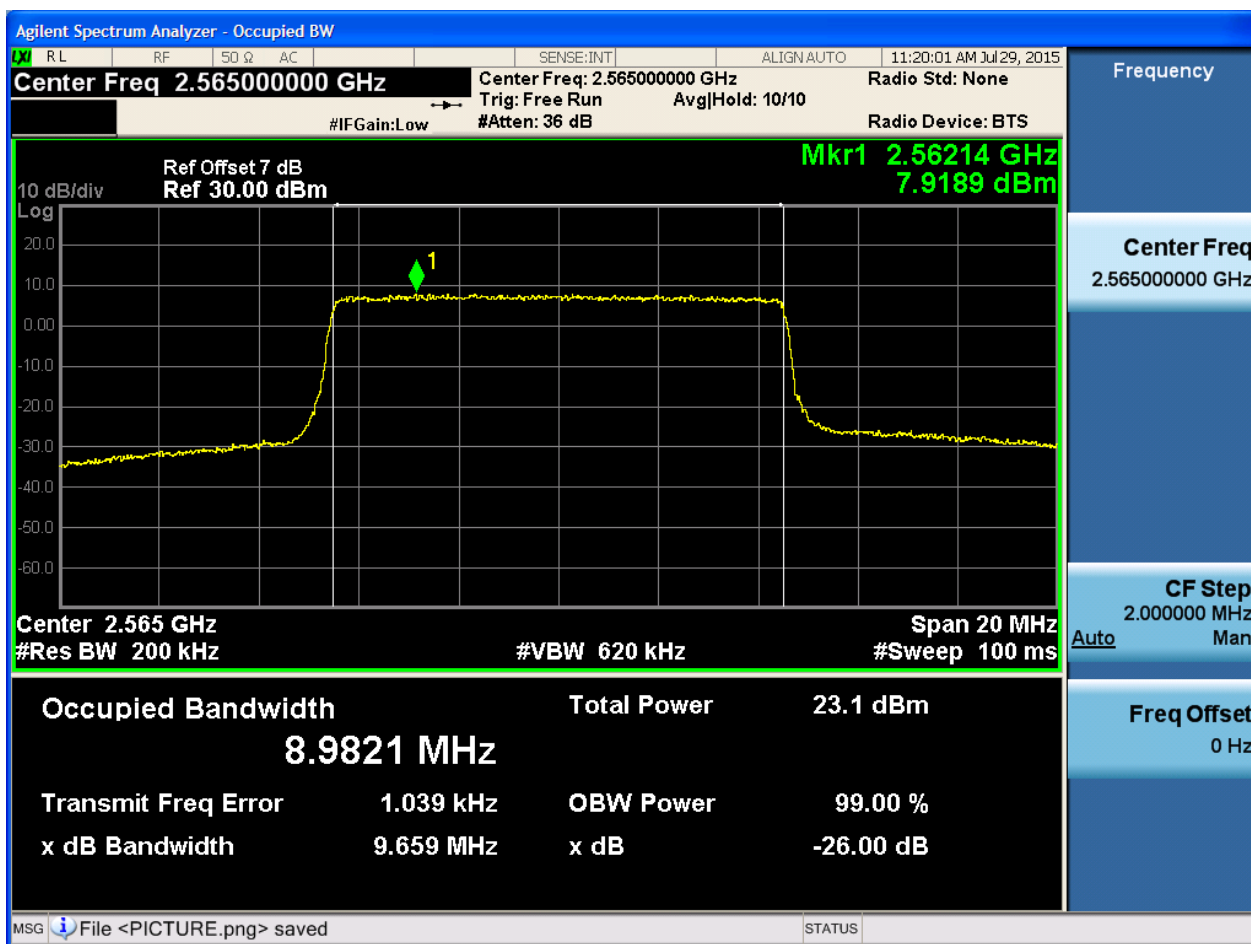
4.1.3.1.2.2 Test Channel = MCH

4.1.3.1.2.2.1 Test RB = RB50#0



4.1.3.1.2.3 Test Channel = HCH

4.1.3.1.2.3.1 Test RB = RB50#0

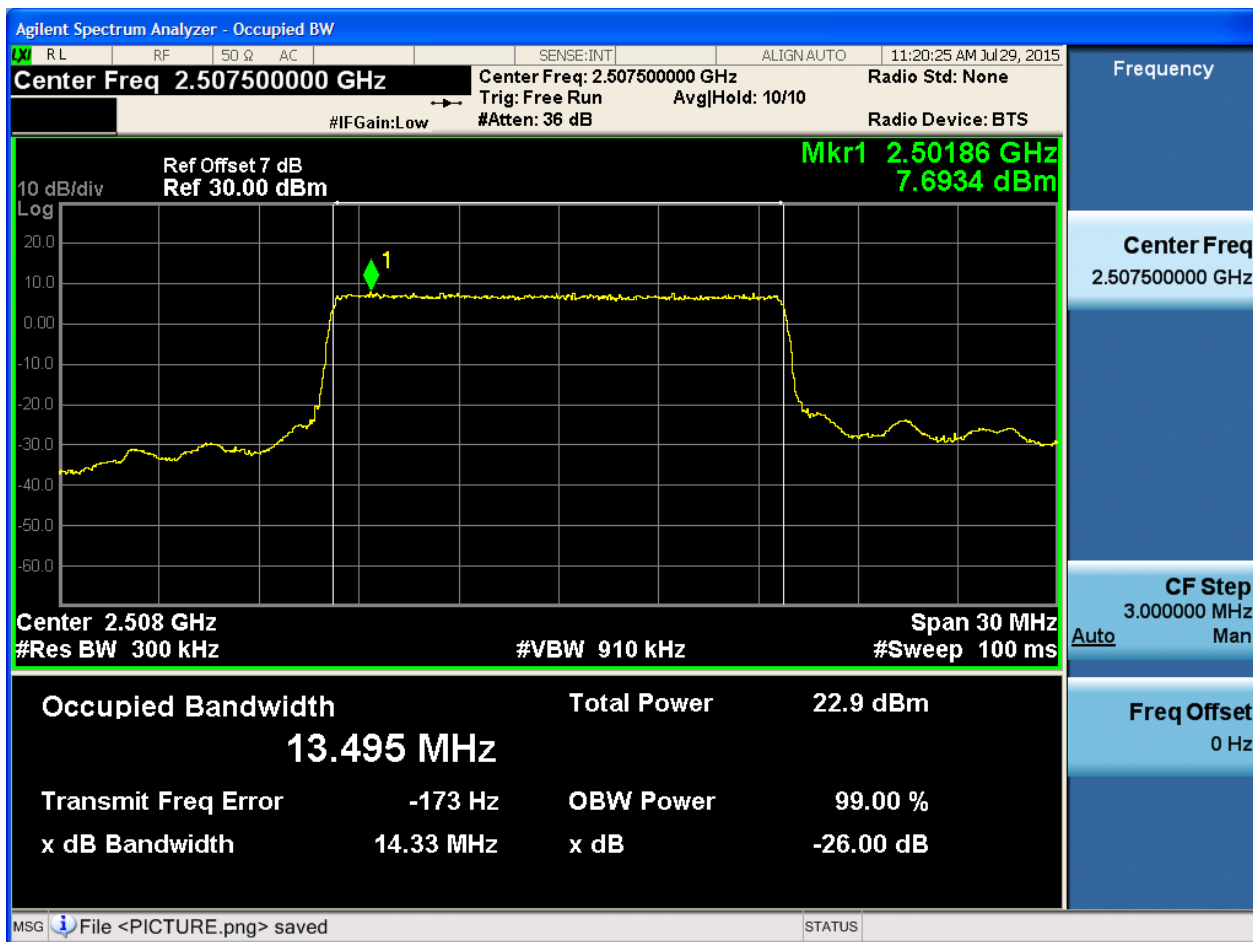




4.1.3.1.3 Test Bandwidth = 15

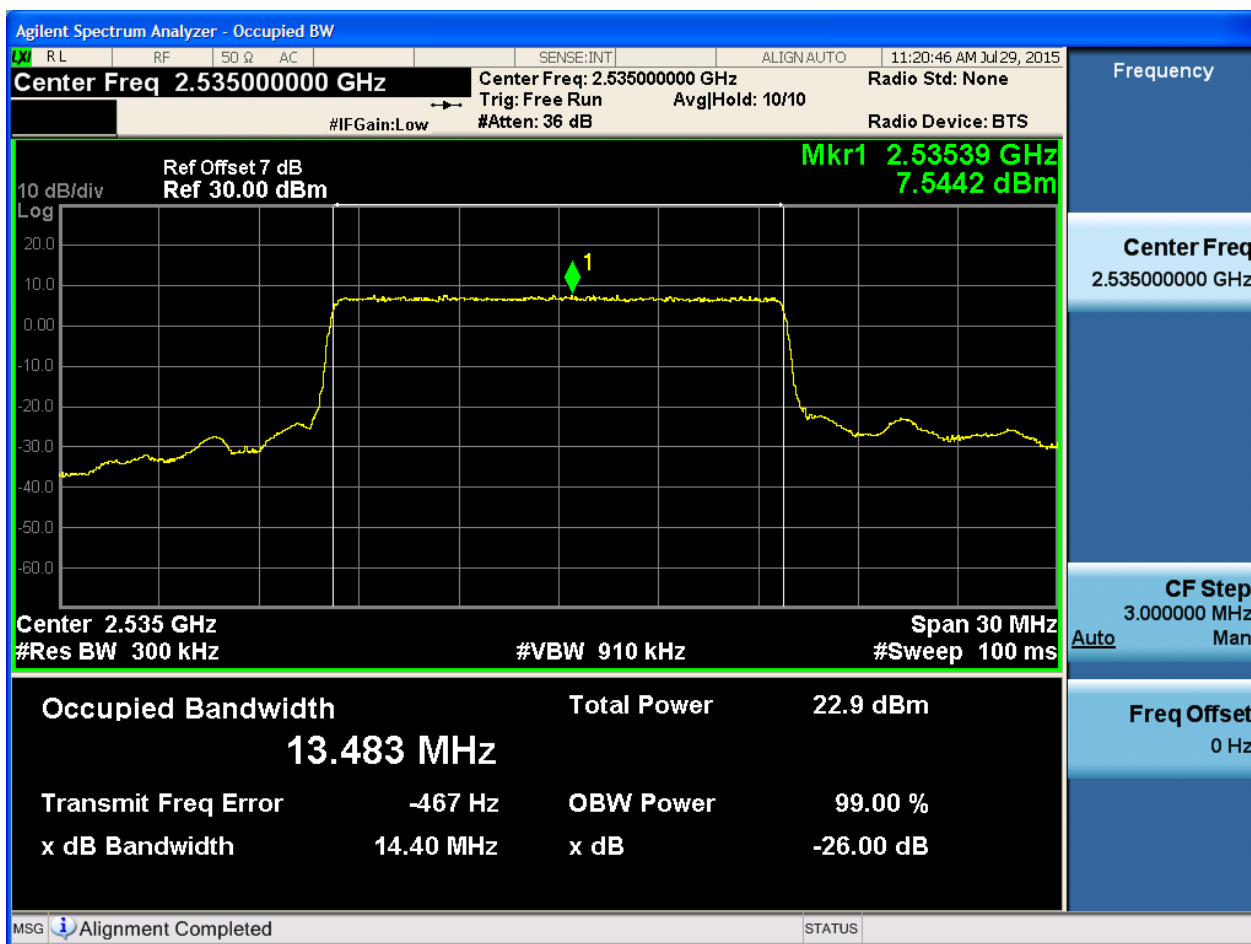
4.1.3.1.3.1 Test Channel = LCH

4.1.3.1.3.1.1 Test RB = RB75#0



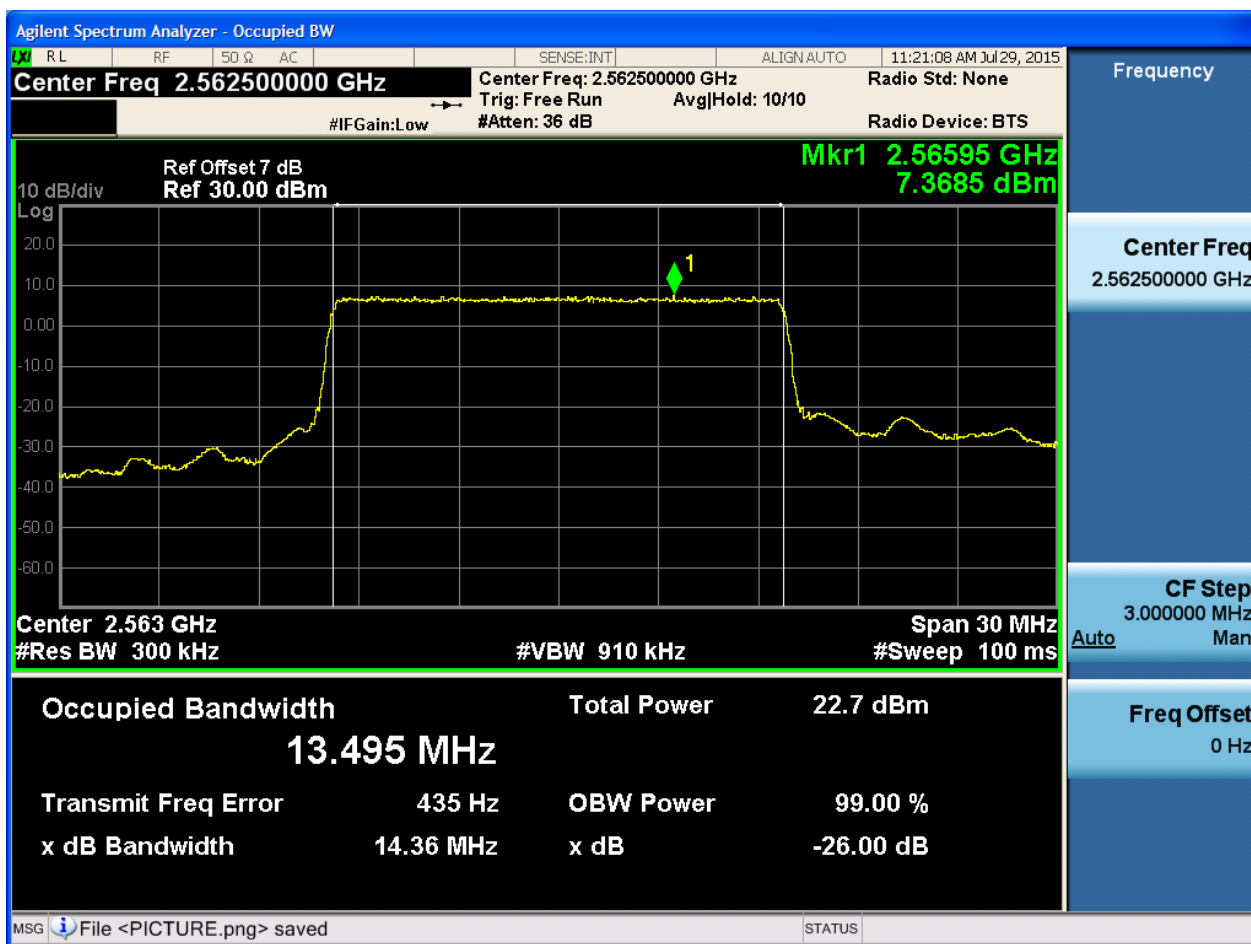
4.1.3.1.3.2 Test Channel = MCH

4.1.3.1.3.2.1 Test RB = RB75#0



4.1.3.1.3.3 Test Channel = HCH

4.1.3.1.3.3.1 Test RB = RB75#0

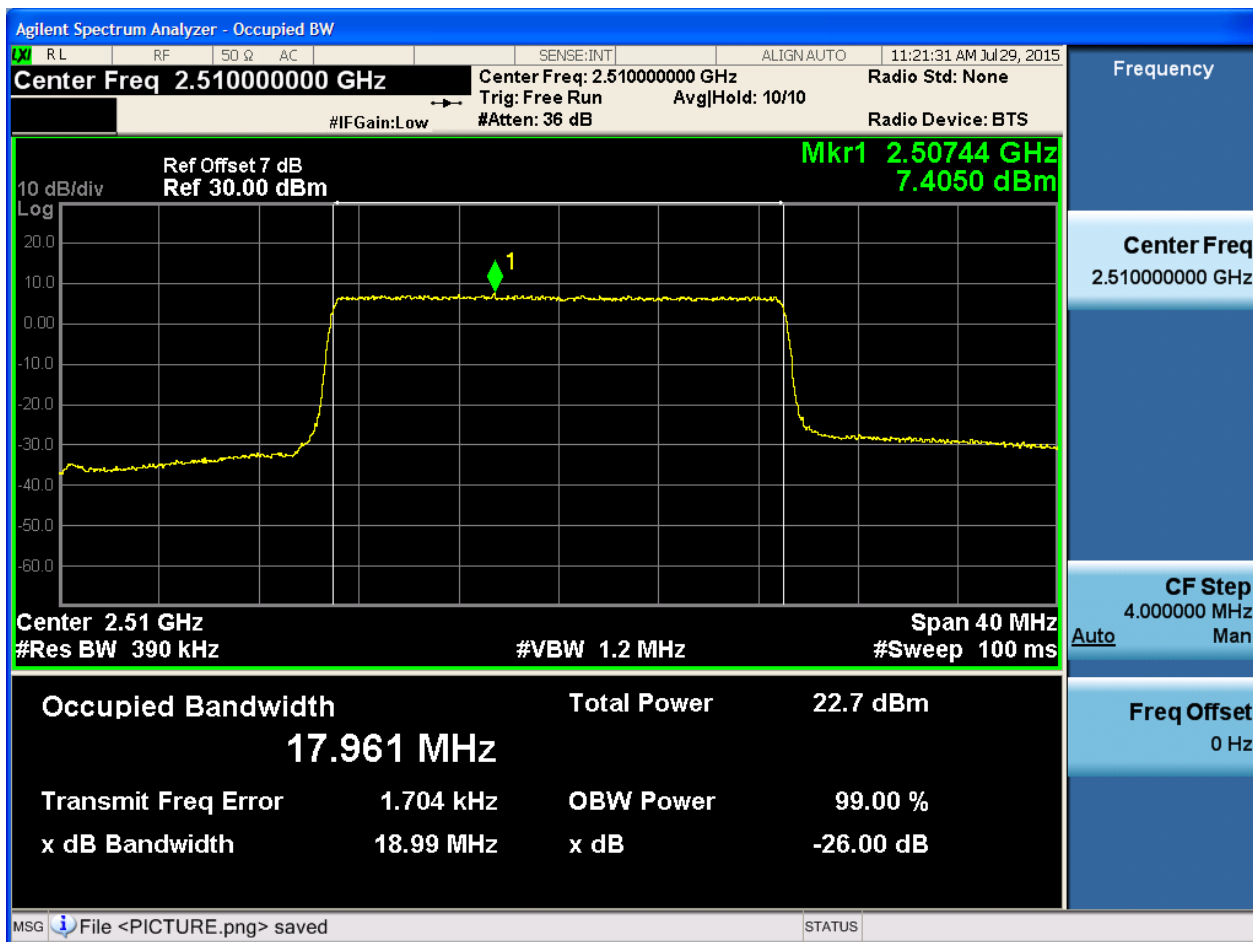




4.1.3.1.4 Test Bandwidth = 20

4.1.3.1.4.1 Test Channel = LCH

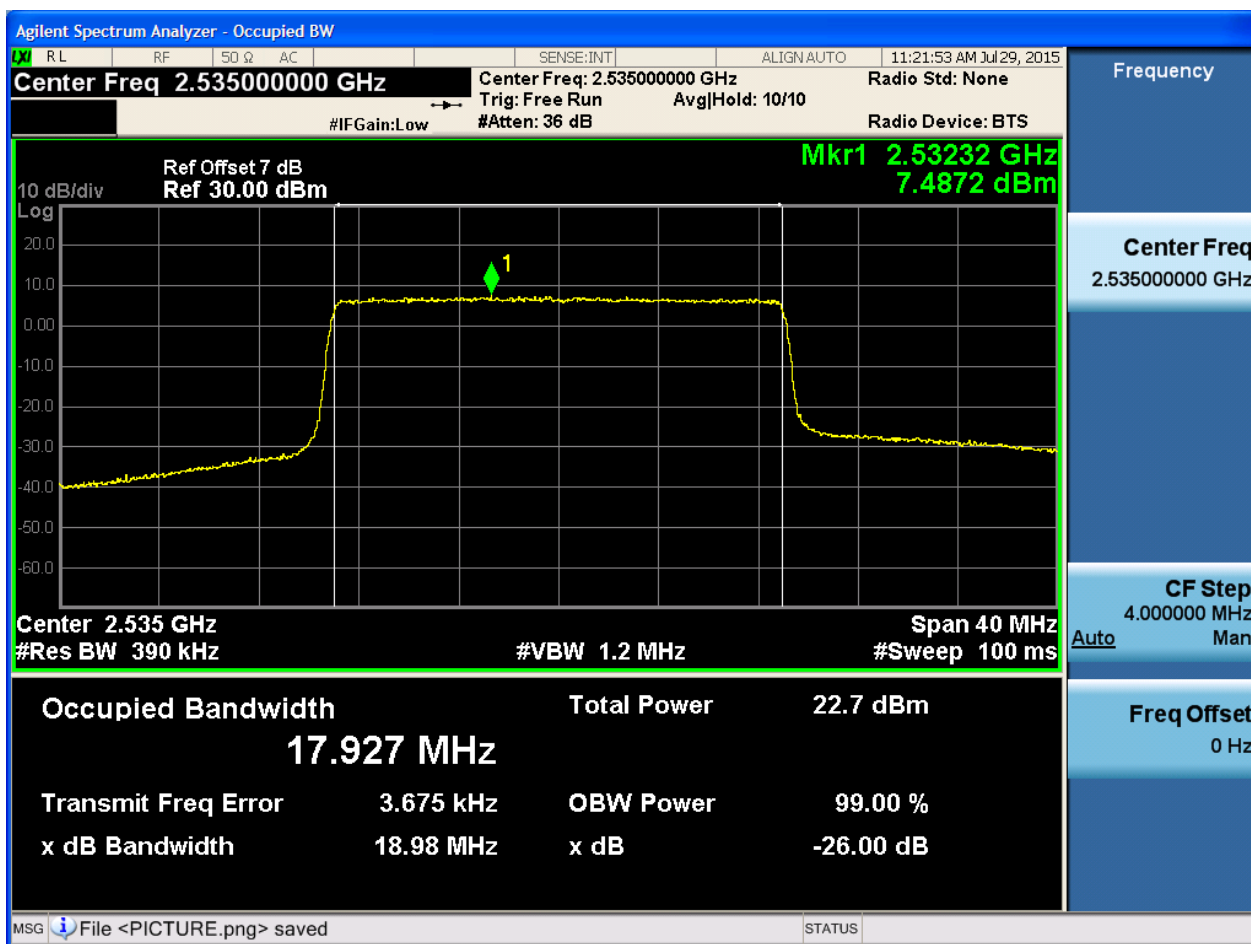
4.1.3.1.4.1.1 Test RB = RB100#0





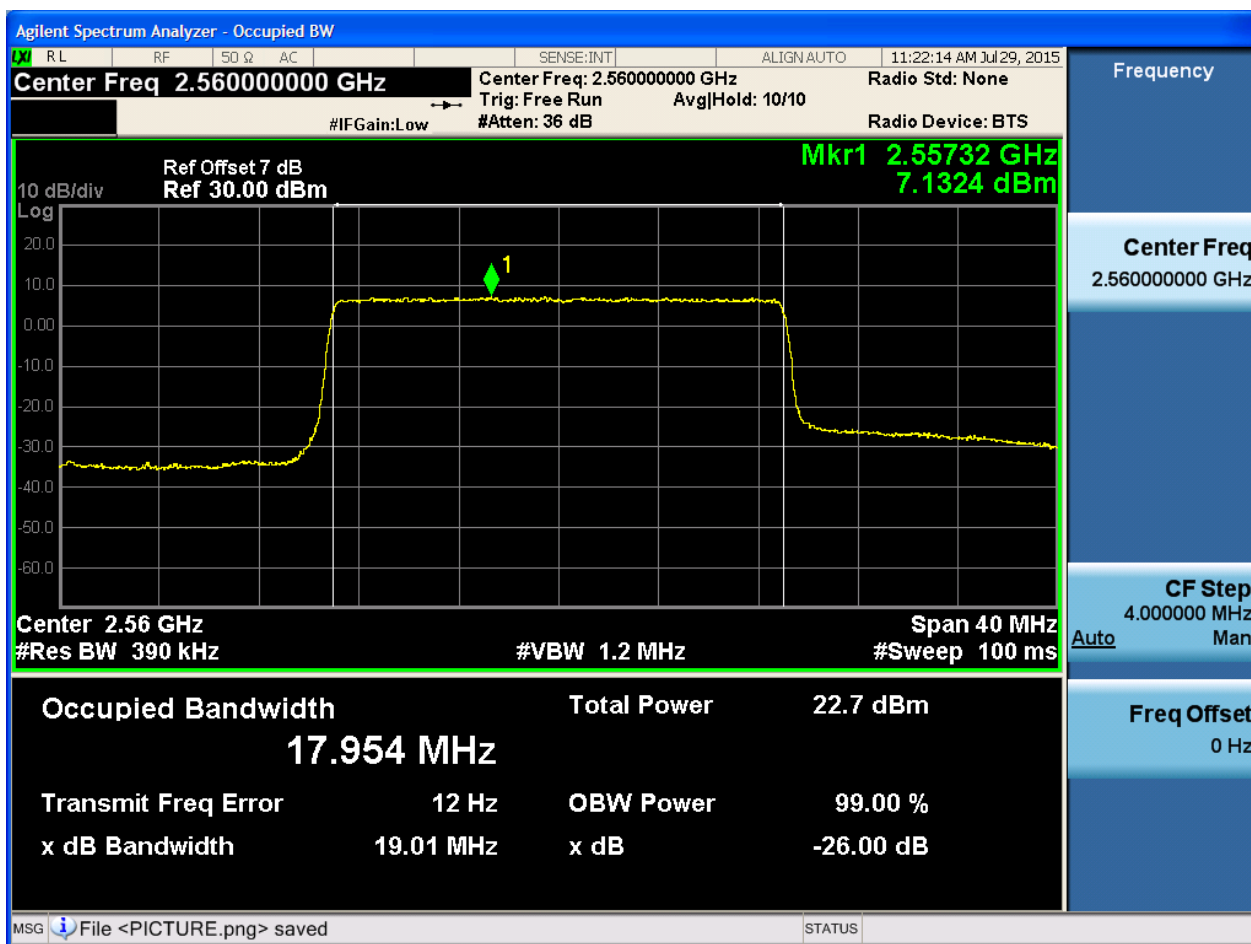
4.1.3.1.4.2 Test Channel = MCH

4.1.3.1.4.2.1 Test RB = RB100#0



4.1.3.1.4.3 Test Channel = HCH

4.1.3.1.4.3.1 Test RB = RB100#0



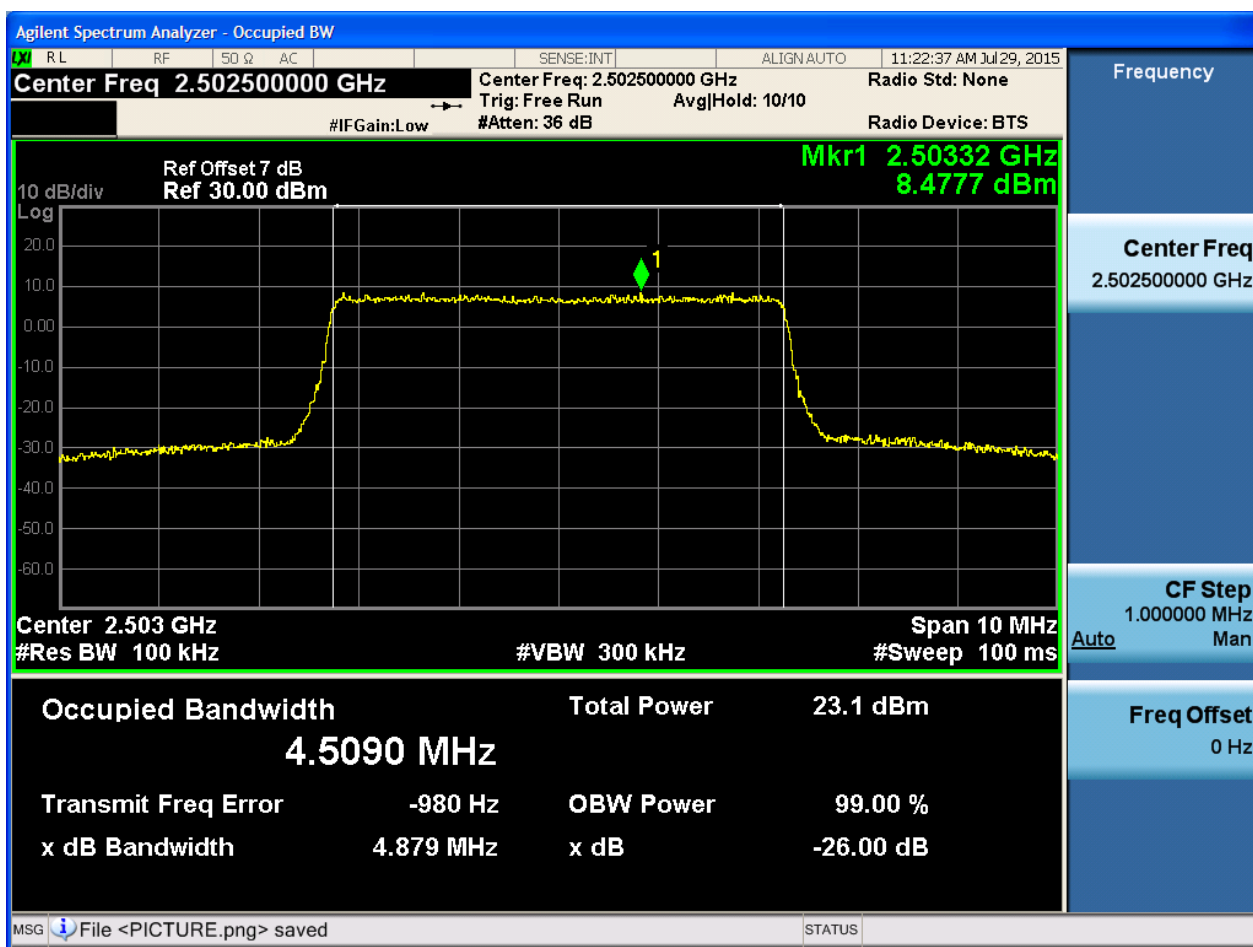


4.1.3.2 Test Mode = LTE/TM2

4.1.3.2.1 Test Bandwidth = 5

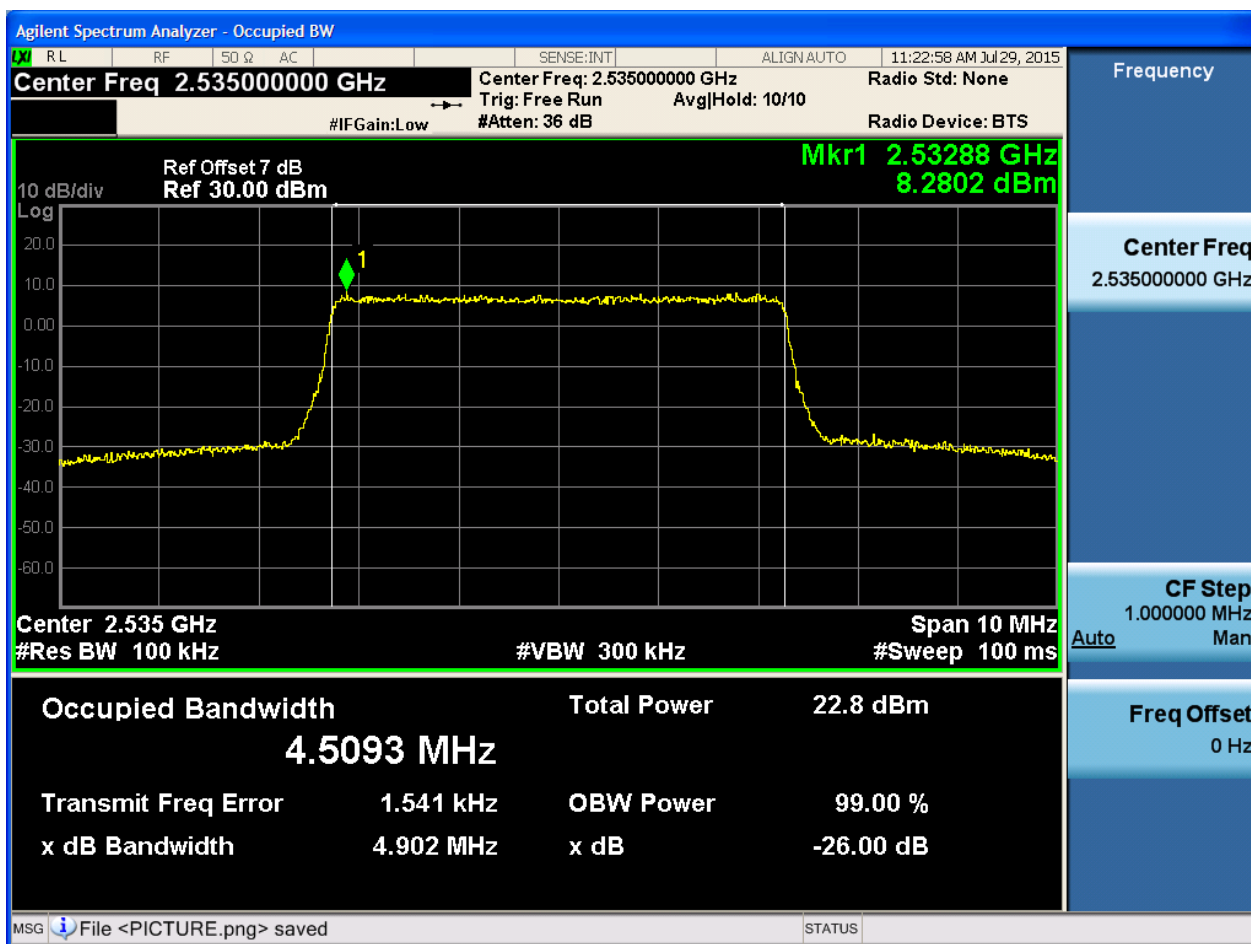
4.1.3.2.1.1 Test Channel = LCH

4.1.3.2.1.1.1 Test RB = RB25#0



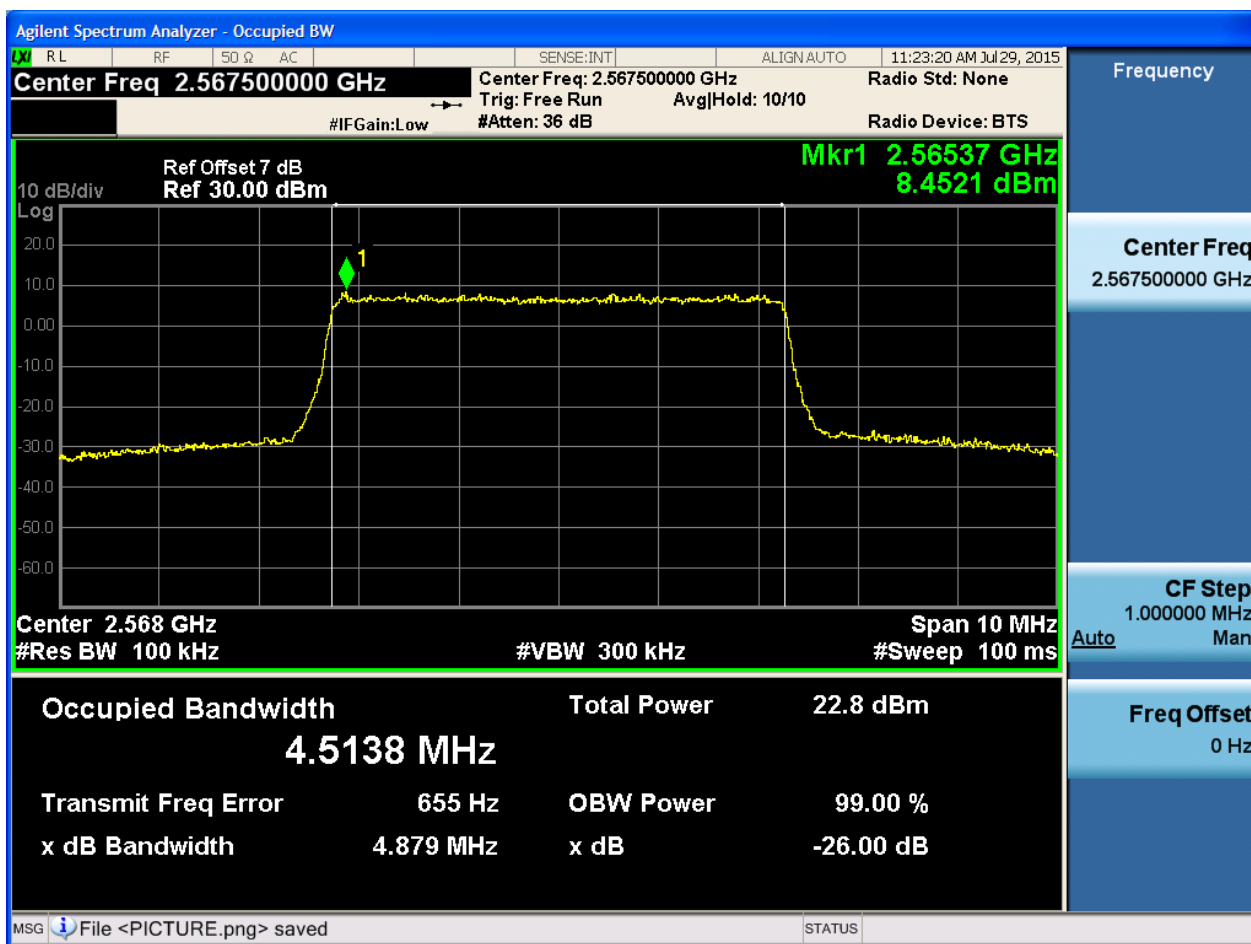
4.1.3.2.1.2 Test Channel = MCH

4.1.3.2.1.2.1 Test RB = RB25#0



4.1.3.2.1.3 Test Channel = HCH

4.1.3.2.1.3.1 Test RB = RB25#0

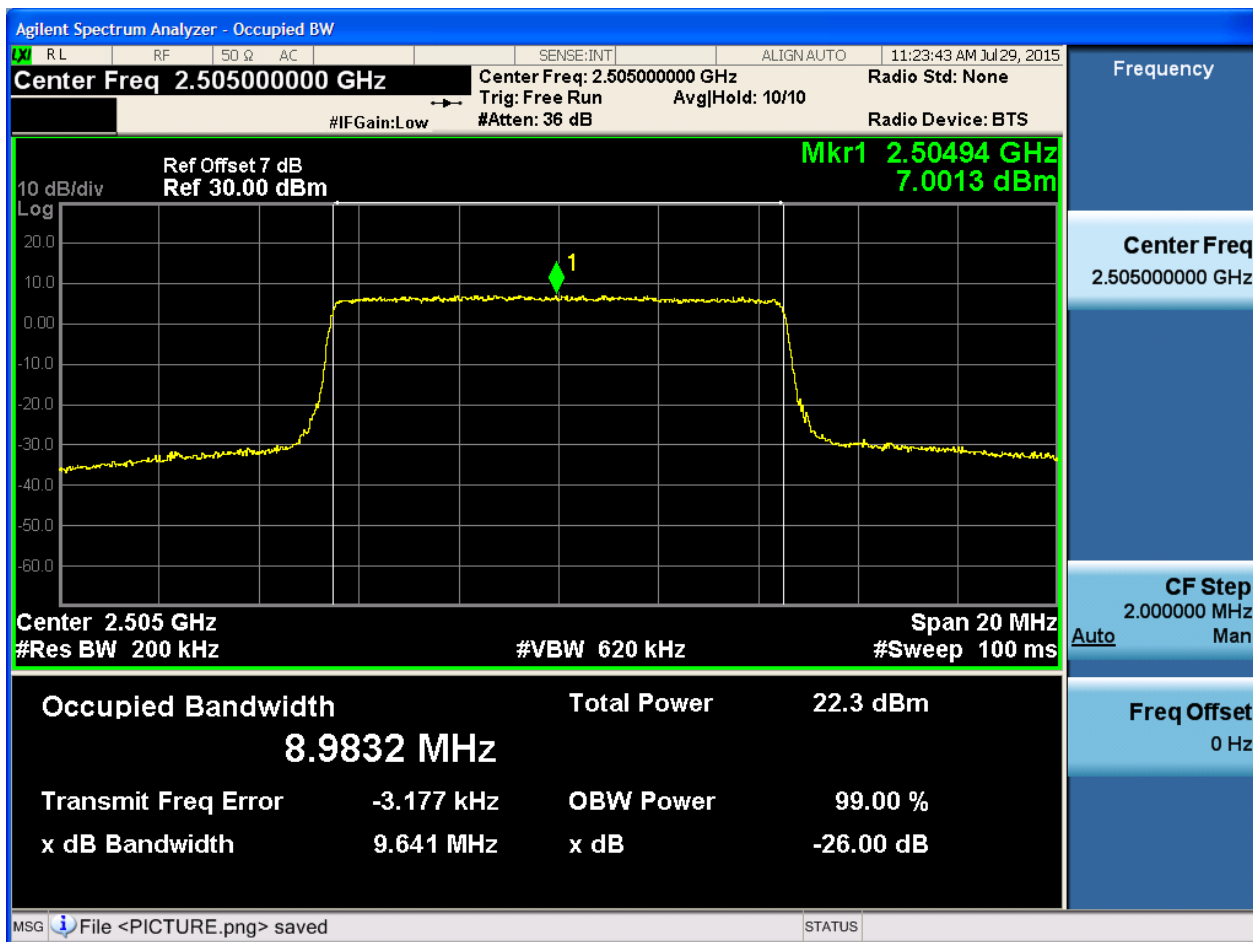




4.1.3.2.2 Test Bandwidth = 10

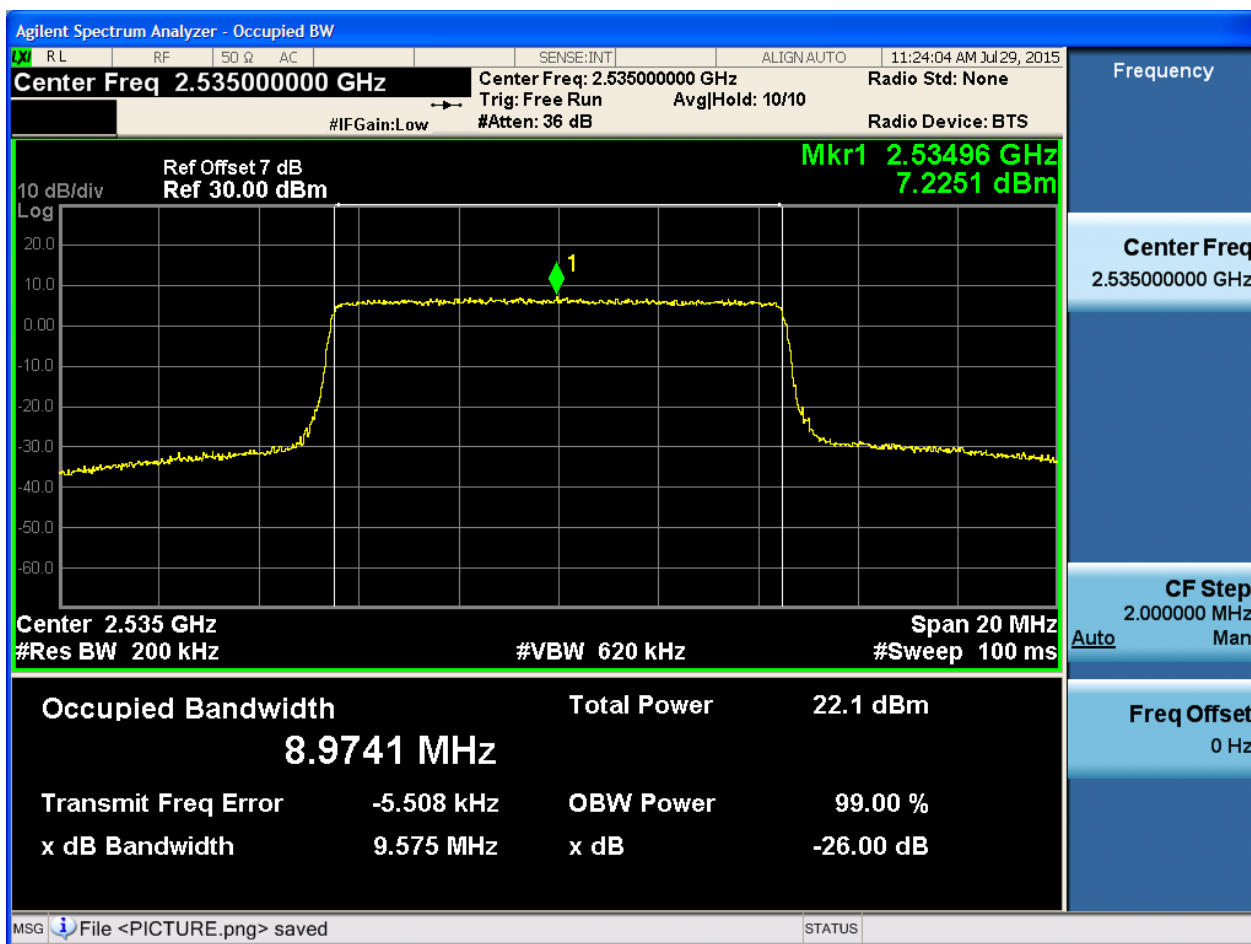
4.1.3.2.2.1 Test Channel = LCH

4.1.3.2.2.1.1 Test RB = RB50#0



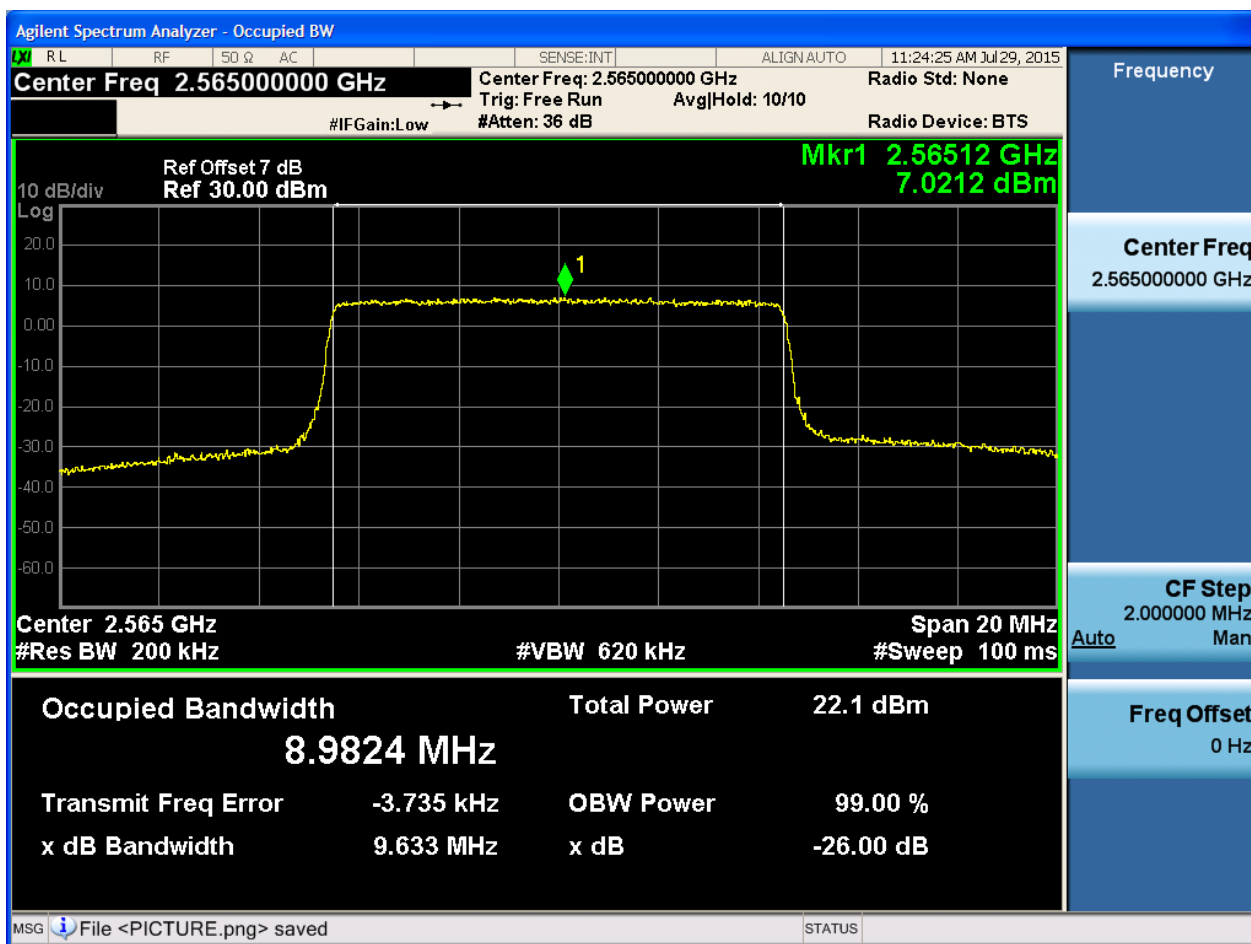
4.1.3.2.2.2 Test Channel = MCH

4.1.3.2.2.1 Test RB = RB50#0



4.1.3.2.2.3 Test Channel = HCH

4.1.3.2.2.3.1 Test RB = RB50#0

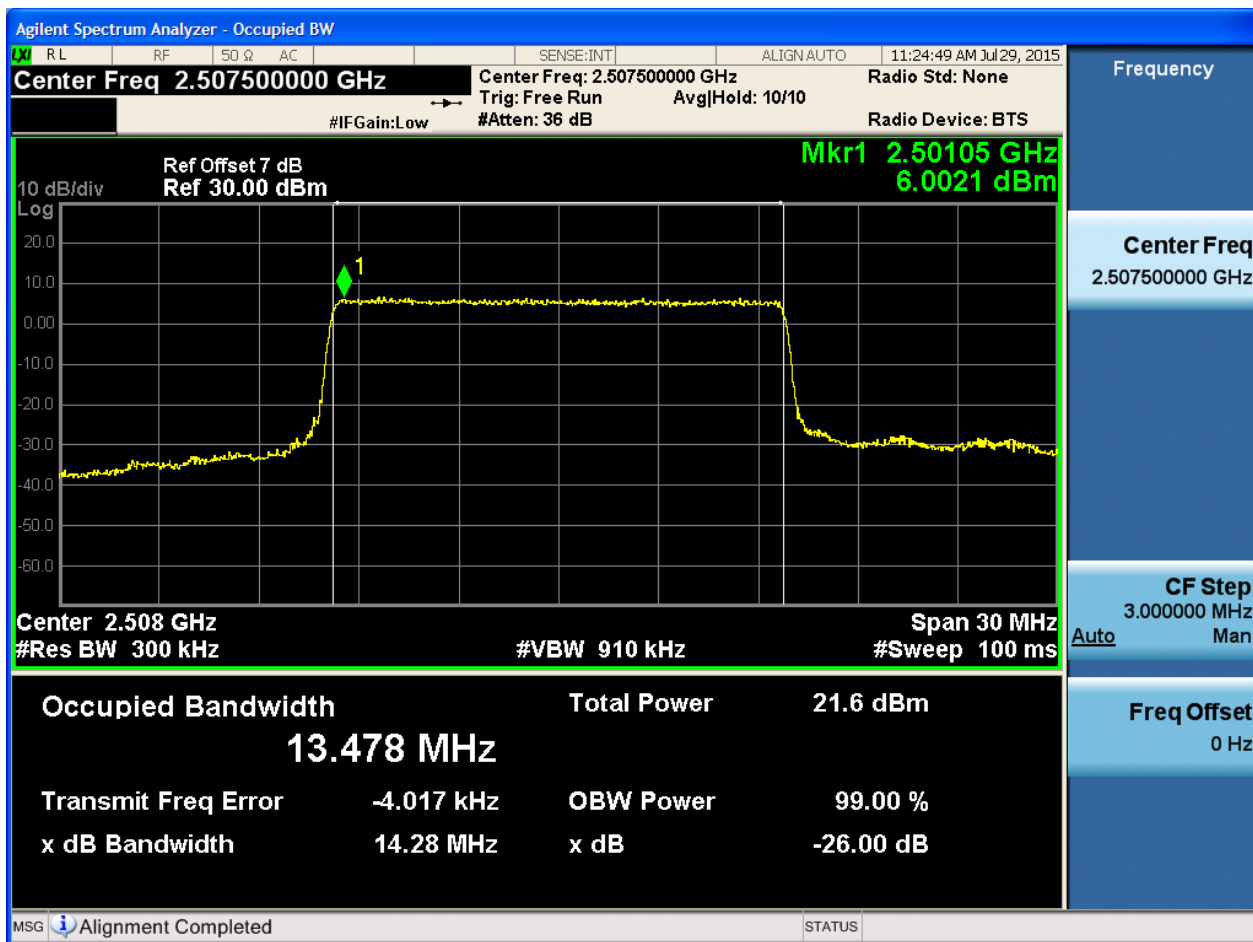




4.1.3.2.3 Test Bandwidth = 15

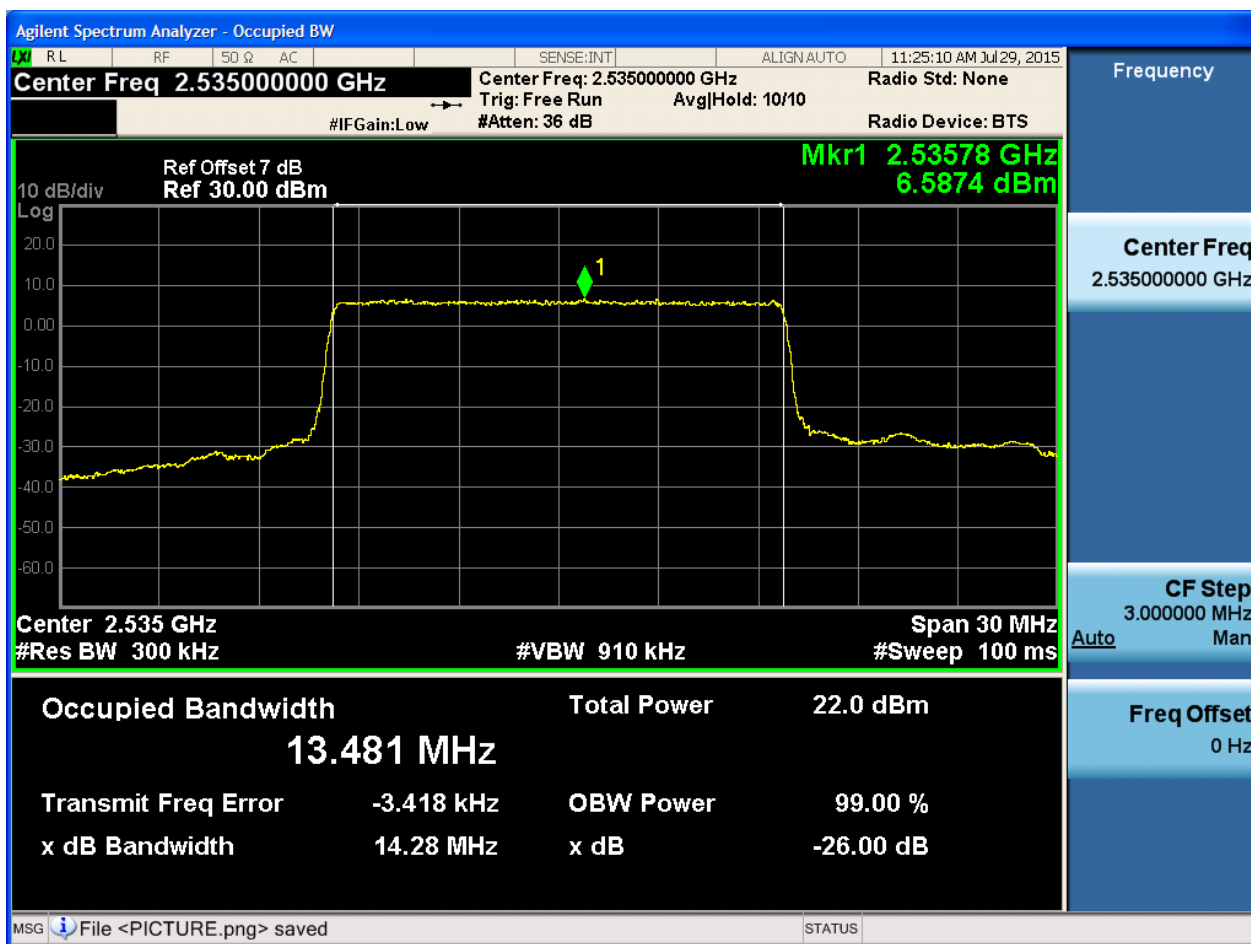
4.1.3.2.3.1 Test Channel = LCH

4.1.3.2.3.1.1 Test RB = RB75#0



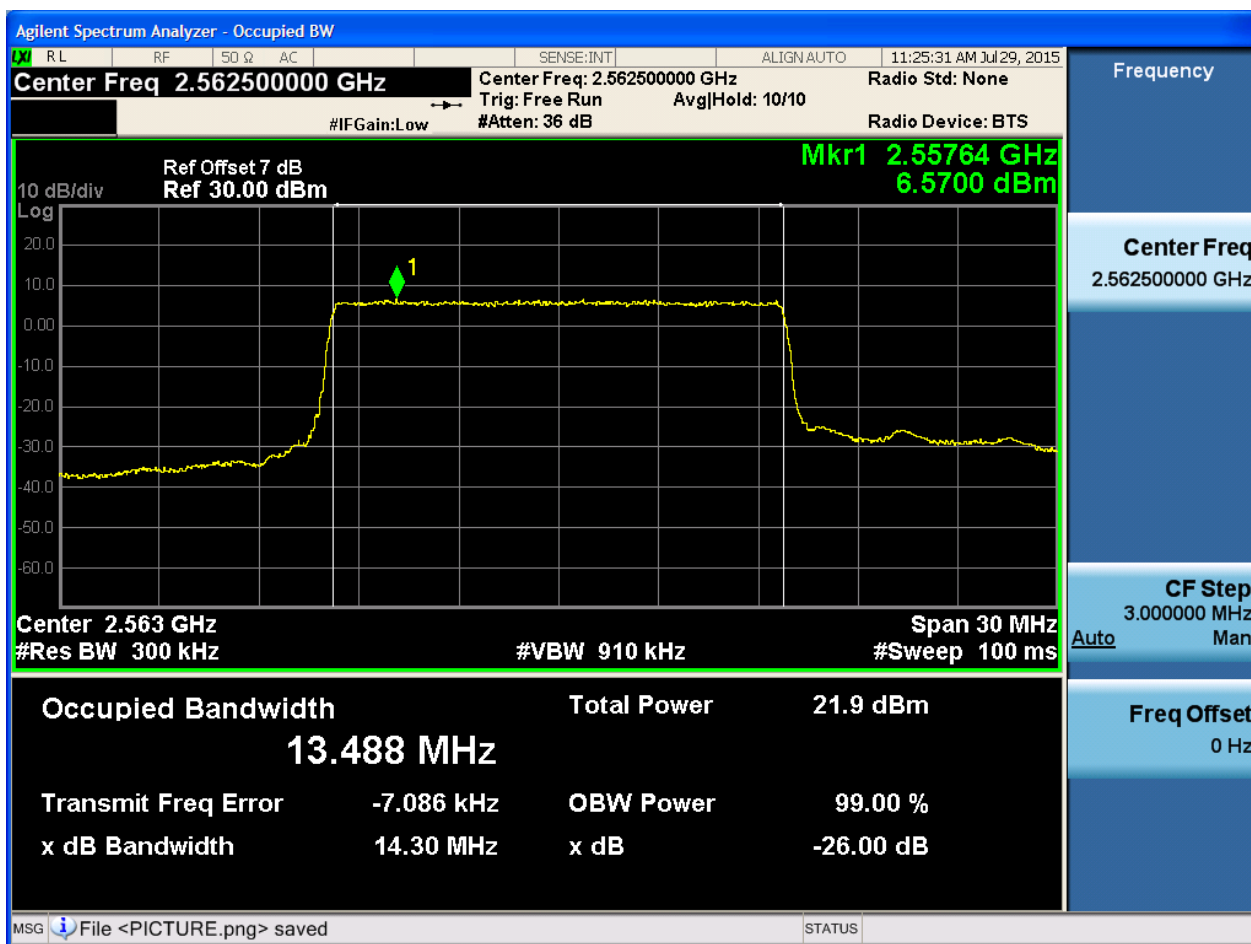
4.1.3.2.3.2 Test Channel = MCH

4.1.3.2.3.2.1 Test RB = RB75#0



4.1.3.2.3.3 Test Channel = HCH

4.1.3.2.3.3.1 Test RB = RB75#0

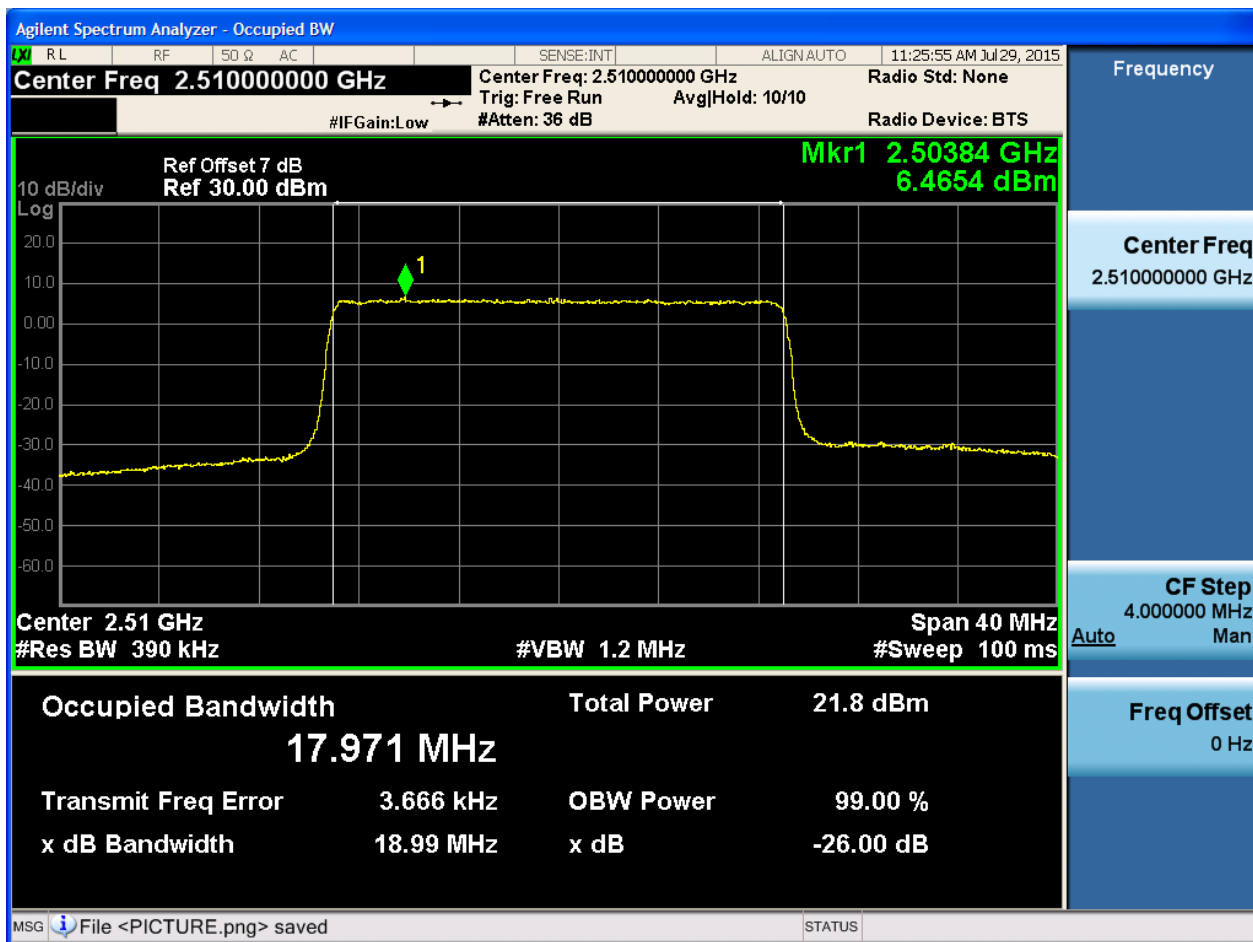




4.1.3.2.4 Test Bandwidth = 20

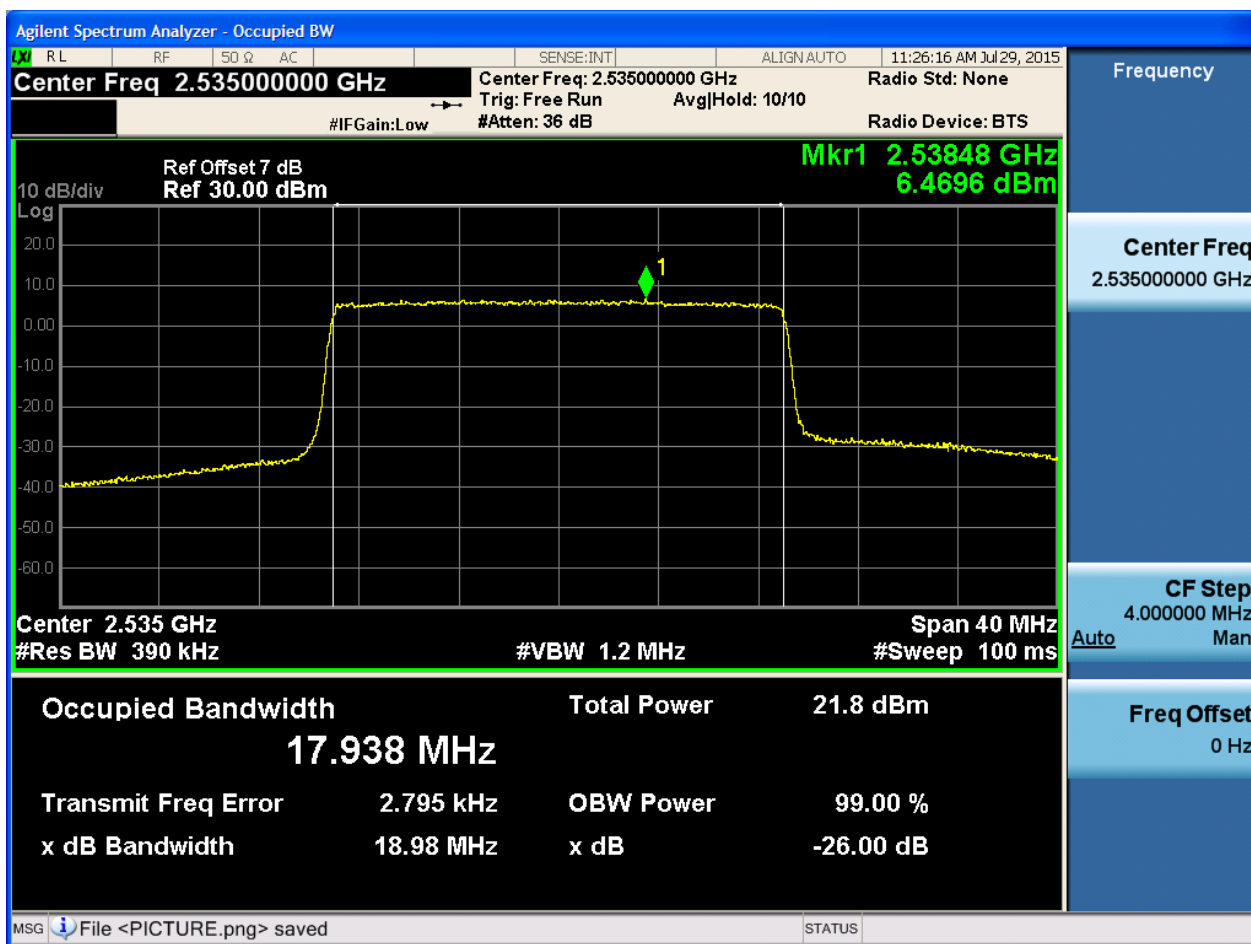
4.1.3.2.4.1 Test Channel = LCH

4.1.3.2.4.1.1 Test RB = RB100#0



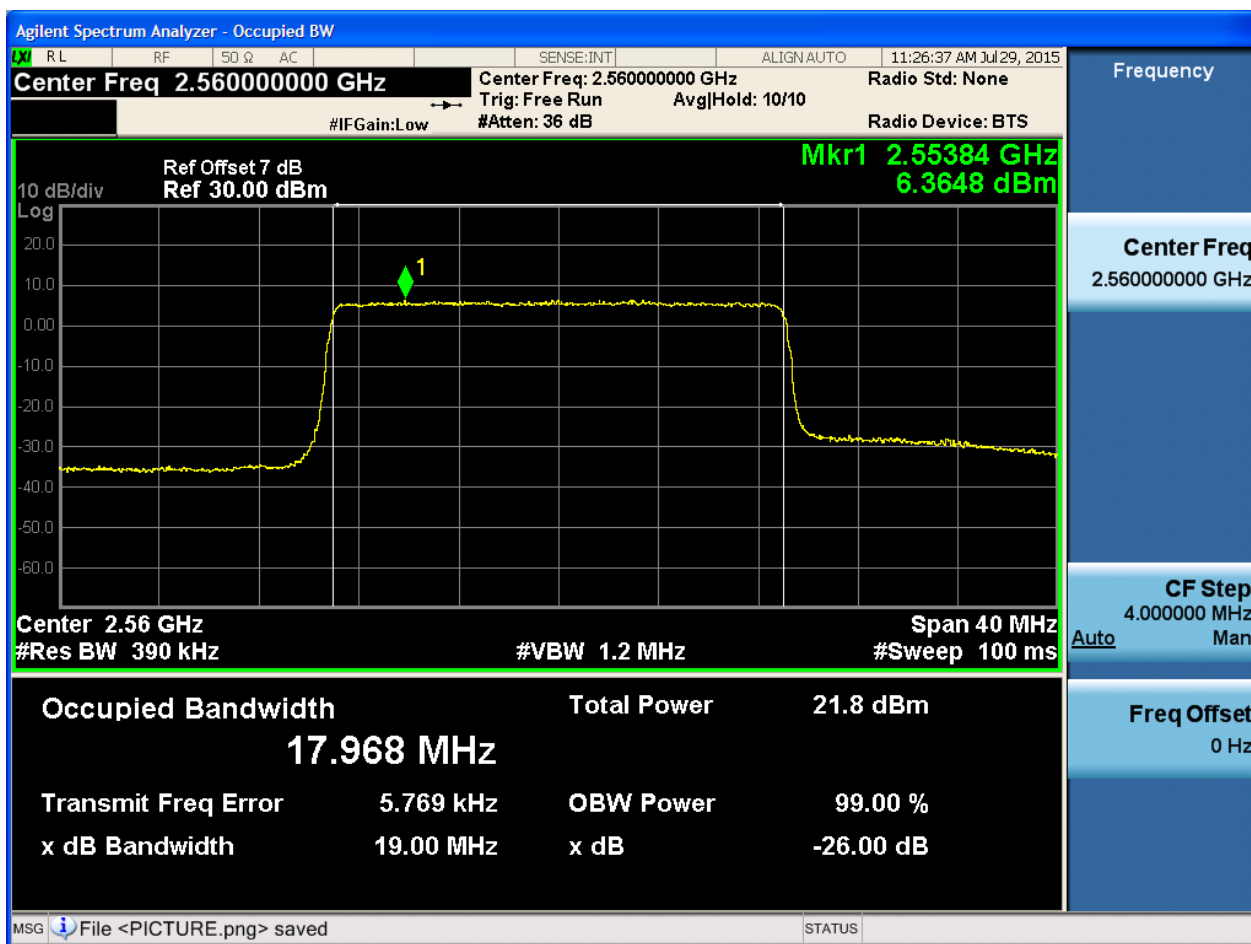
4.1.3.2.4.2 Test Channel = MCH

4.1.3.2.4.2.1 Test RB = RB100#0



4.1.3.2.4.3 Test Channel = HCH

4.1.3.2.4.3.1 Test RB = RB100#0



5Appendix_E: Band Edges Compliance

Part I - Test Plots

5.1 For LTE

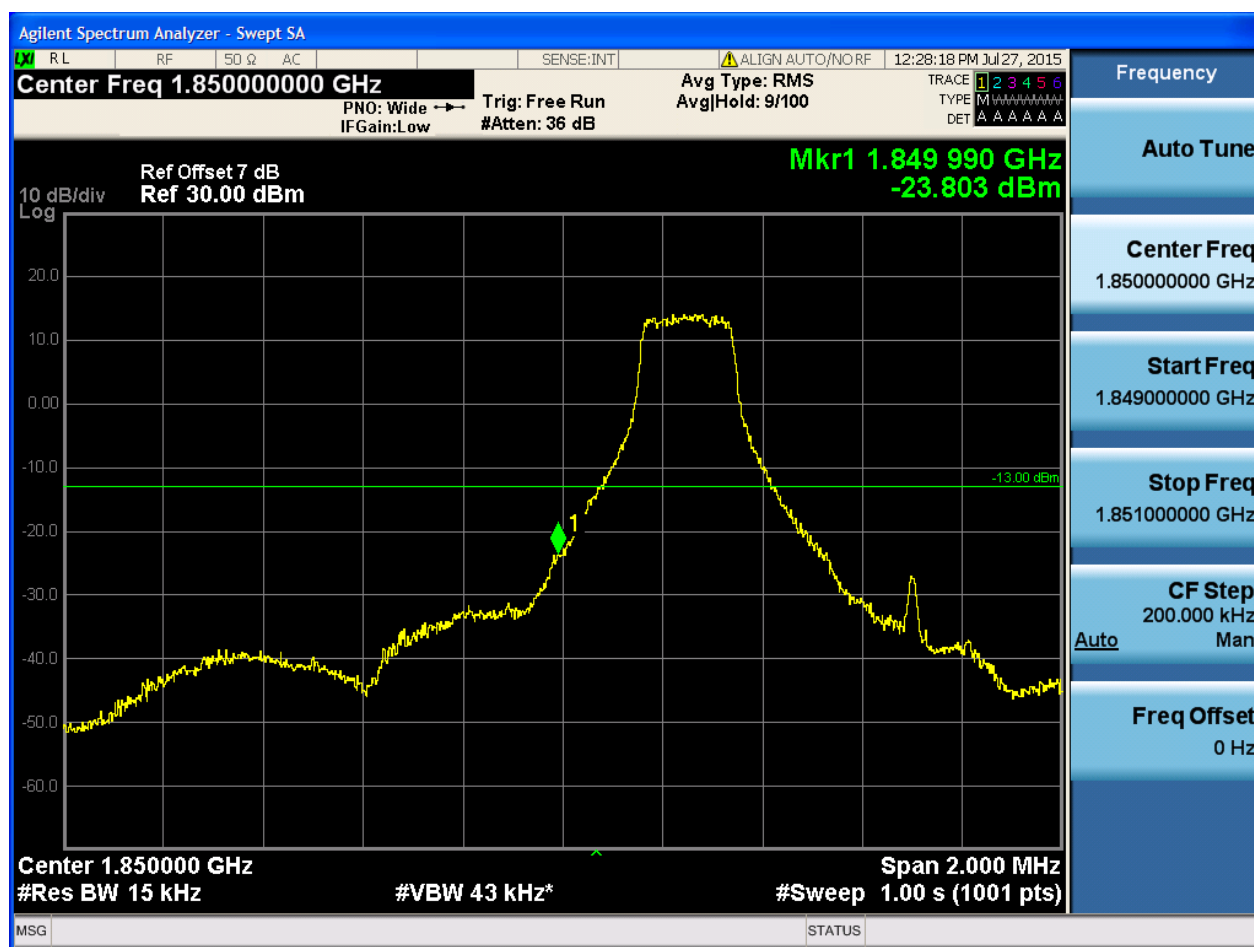
5.1.1 Test Band = BAND2

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Bandwidth = 1.4

5.1.1.1.1.1 Test Channel = LCH

5.1.1.1.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO/NORF 12:28:34 PM Jul 27, 2015

Center Freq 1.85000000 GHz Avg Type: RMS
PNO: Wide Trg: Free Run Avg|Hold: 10/100
IFGain:Low #Atten: 36 dB

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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 1.850 000 GHz
-50.231 dBm

10 dB/div
Log

Center 1.850000 GHz
#Res BW 15 kHz #VBW 43 kHz* Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS

Frequency
Auto Tune
Center Freq
1.85000000 GHz
Start Freq
1.84900000 GHz
Stop Freq
1.85100000 GHz
CF Step
200.000 kHz
Auto Man
Freq Offset
0 Hz



5.1.1.1.1.3 Test RB = RB3#2





5.1.1.1.1.4 Test RB = RB6#0





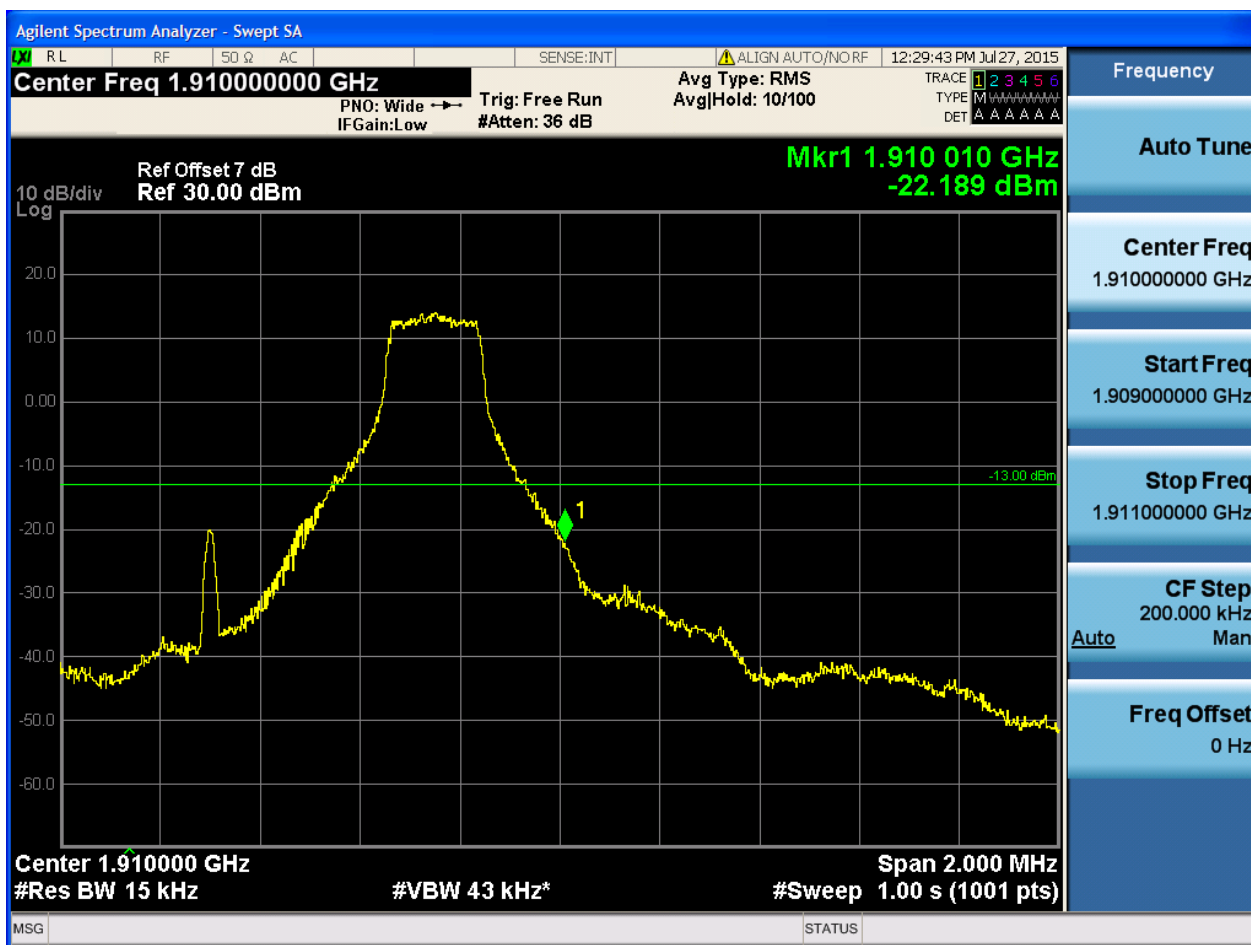
5.1.1.1.1.2 Test Channel = HCH

5.1.1.1.1.2.1 Test RB = RB1#0





5.1.1.1.2.2 Test RB = RB1#5





5.1.1.1.2.3 Test RB = RB3#2





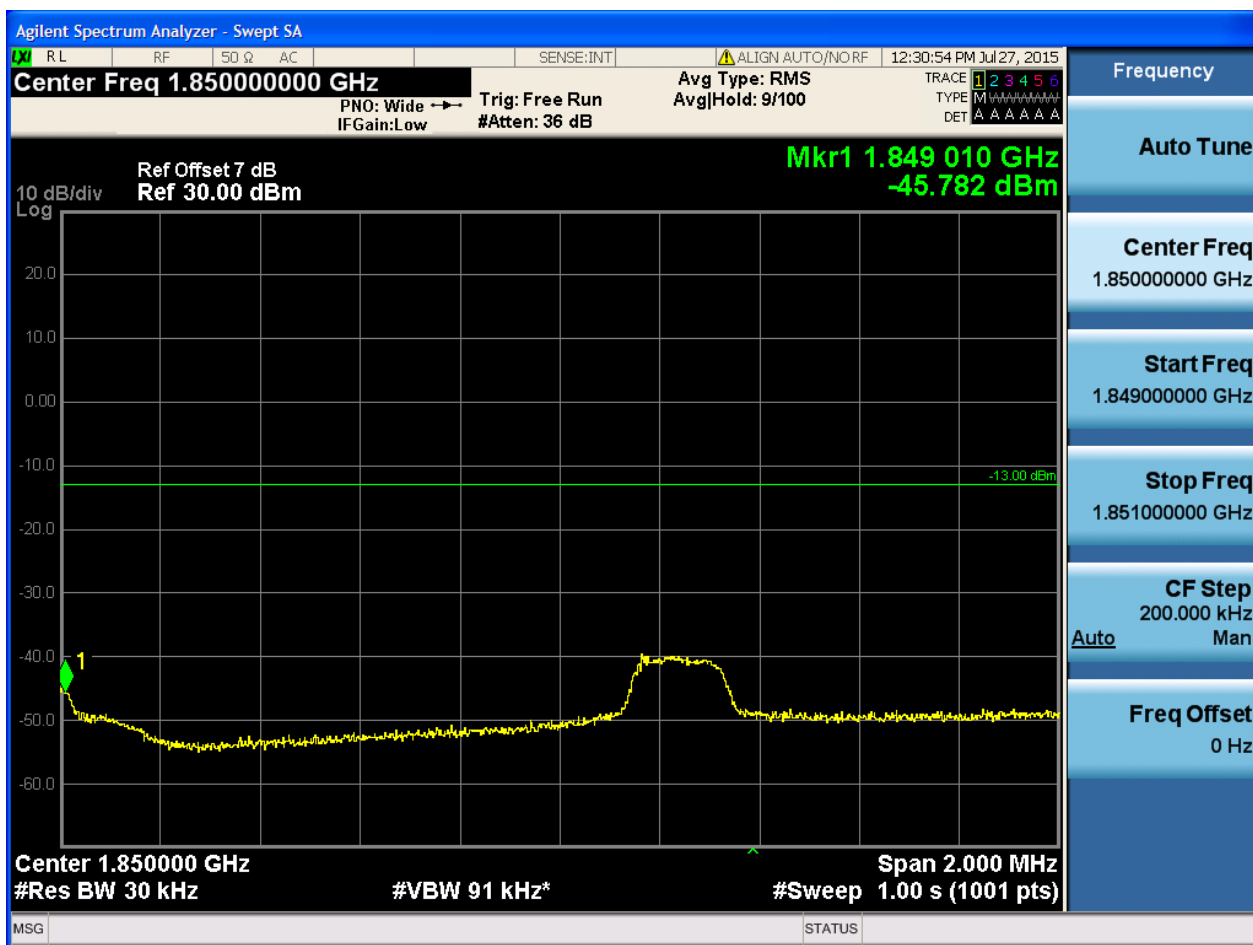
5.1.1.1.2.4 Test RB = RB6#0







5.1.1.1.2.1.2 Test RB = RB1#14



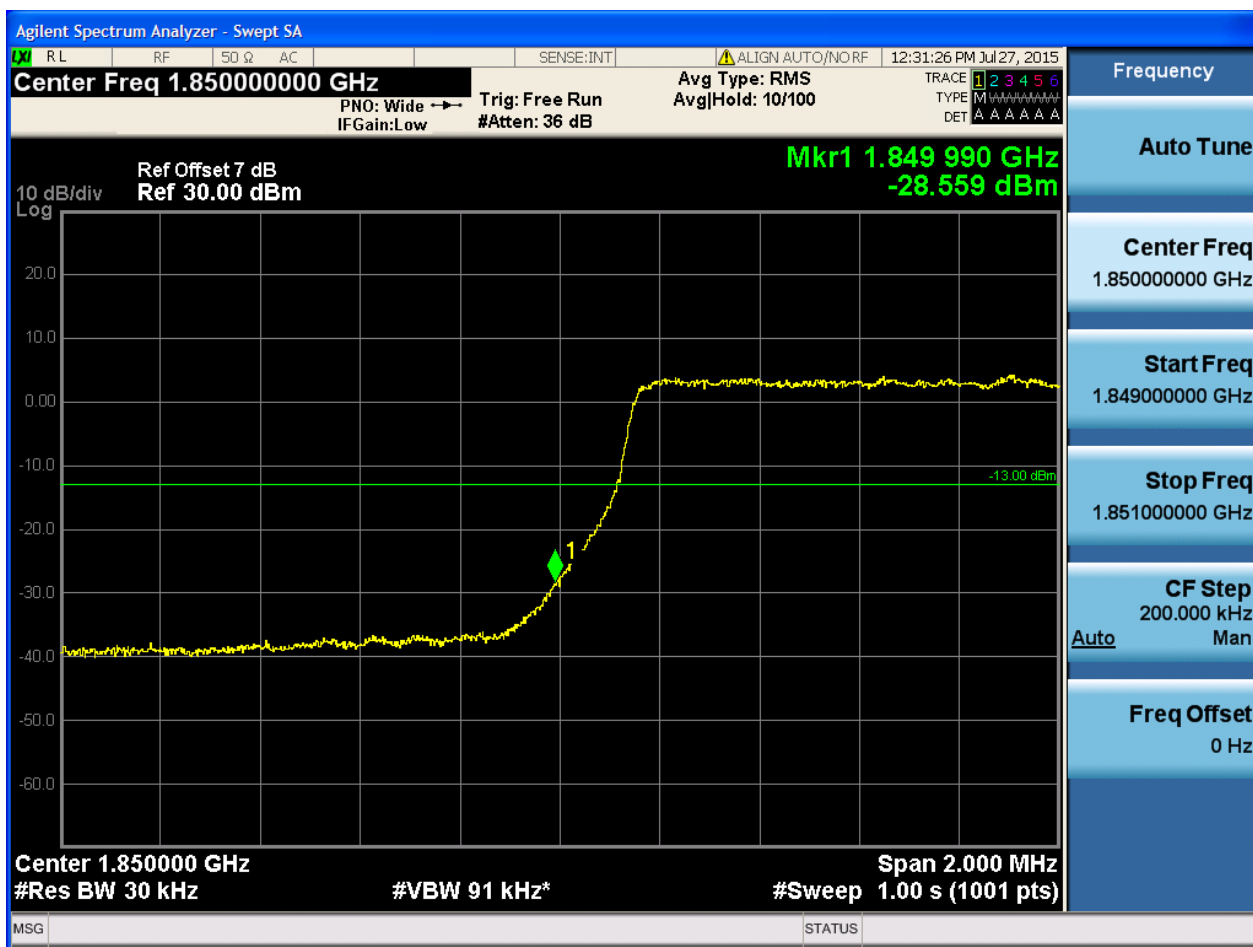


5.1.1.1.2.1.3 Test RB = RB8#4





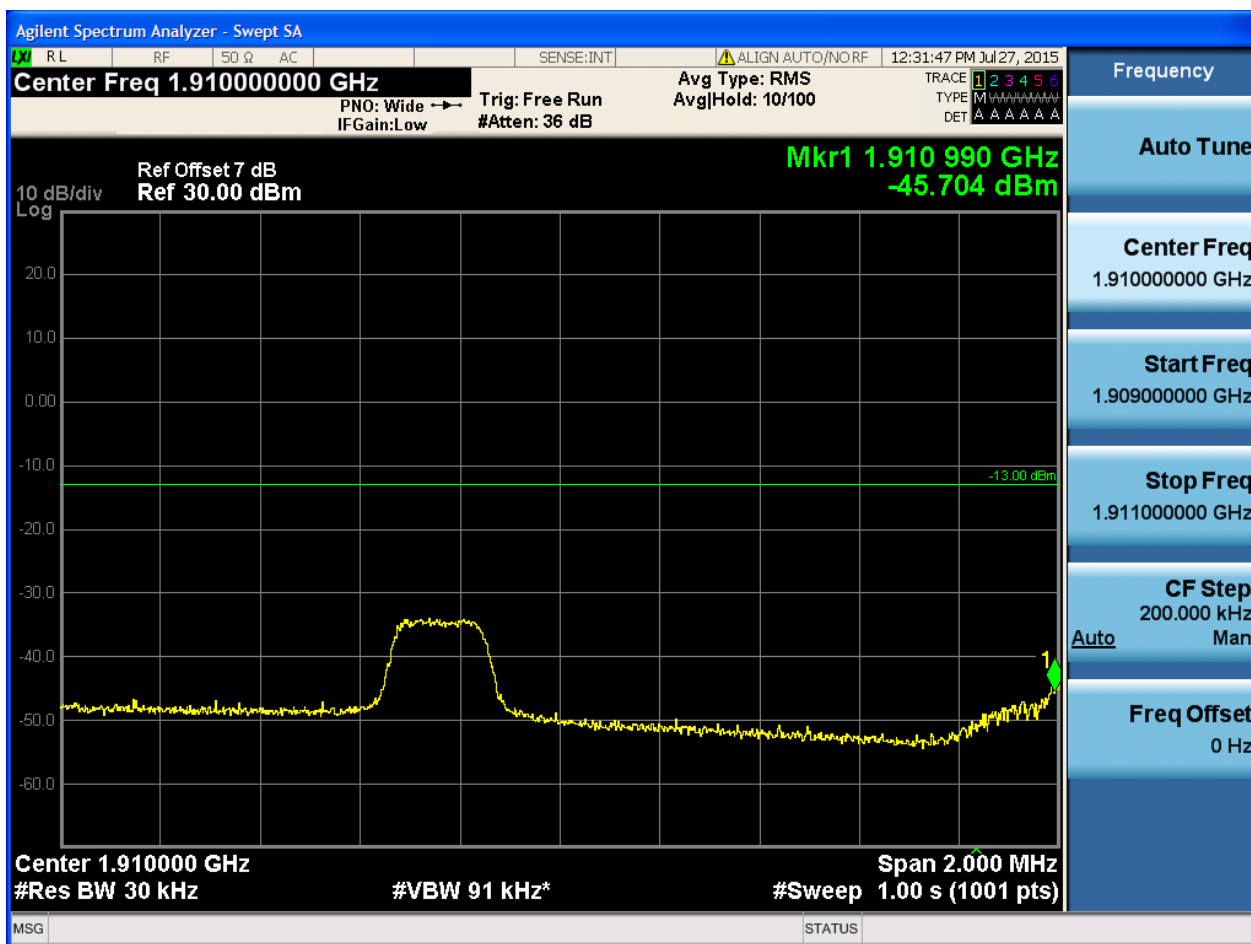
5.1.1.1.2.1.4 Test RB = RB15#0





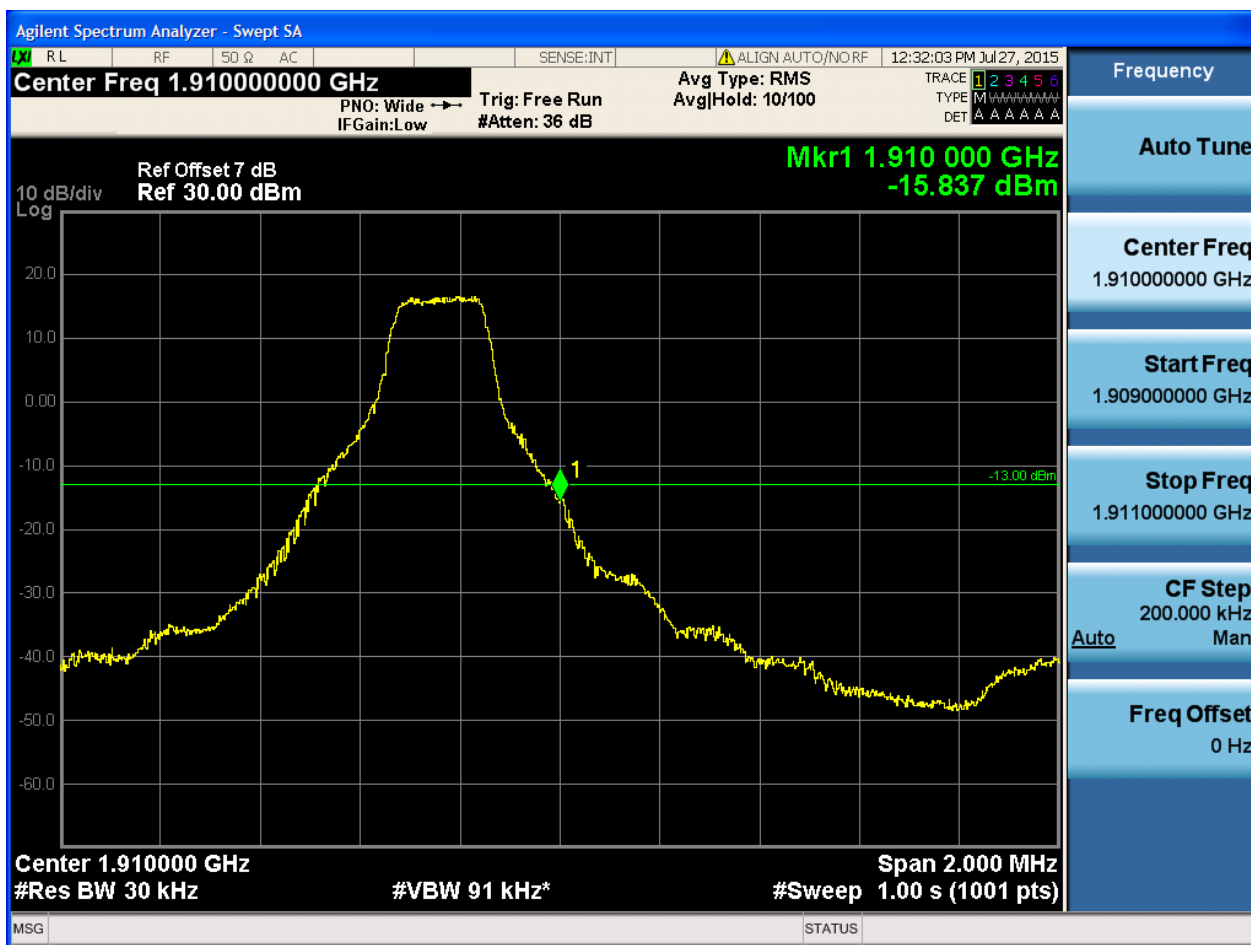
5.1.1.1.2.2 Test Channel = HCH

5.1.1.1.2.2.1 Test RB = RB1#0



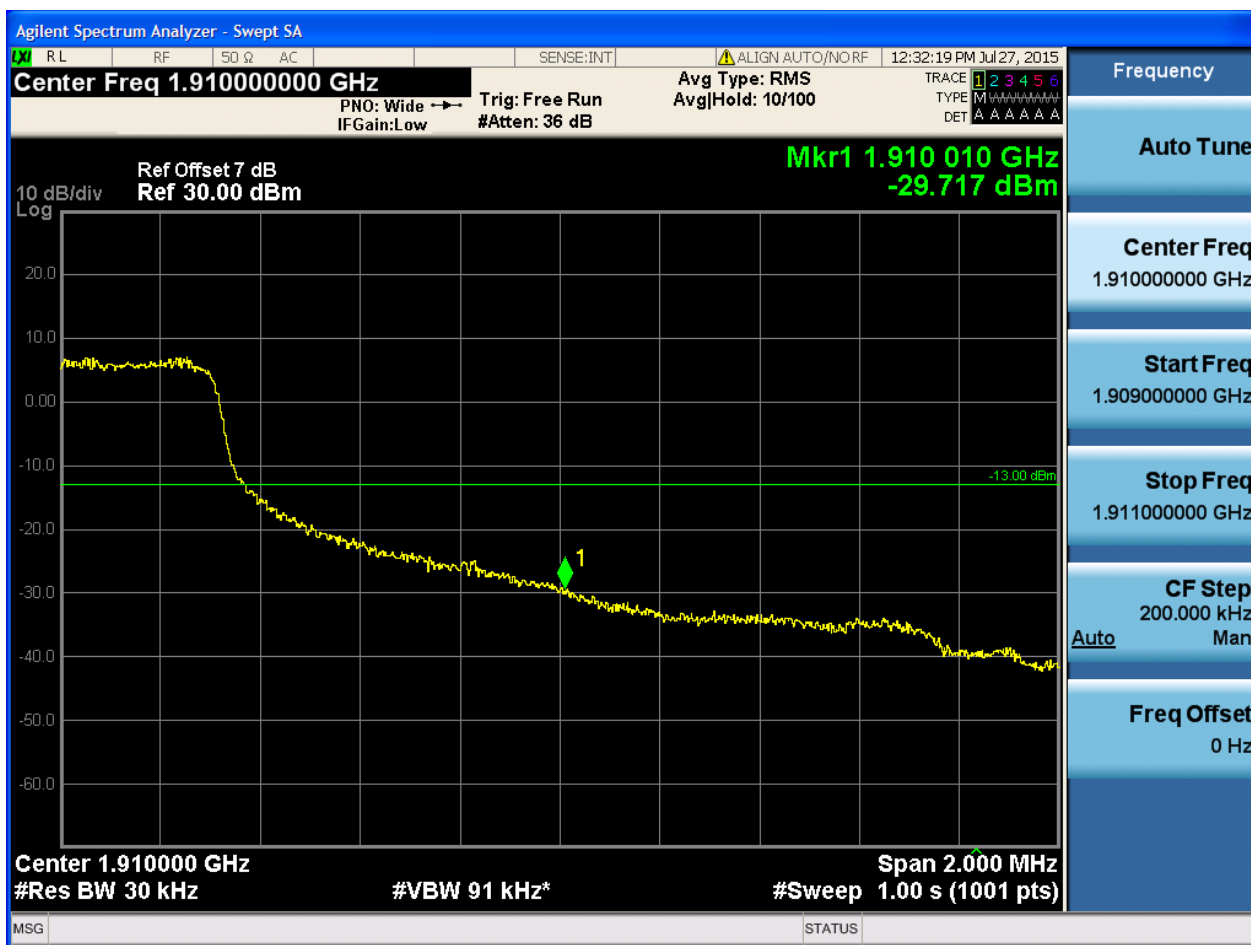


5.1.1.1.2.2.2 Test RB = RB1#14





5.1.1.1.2.2.3 Test RB = RB8#4





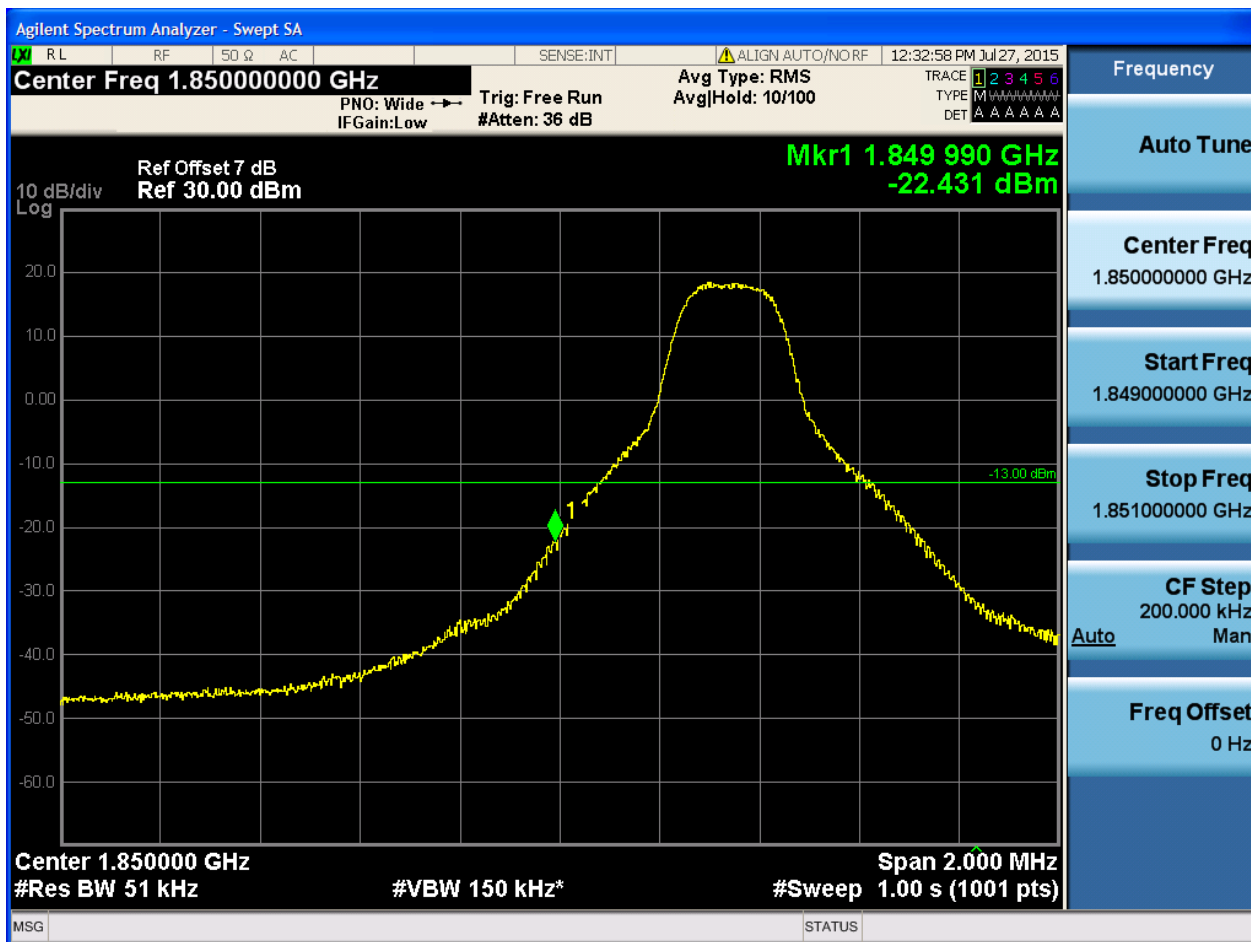
5.1.1.1.2.2.4 Test RB = RB15#0



5.1.1.1.3 Test Bandwidth = 5

5.1.1.1.3.1 Test Channel = LCH

5.1.1.1.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO/NORF 12:33:14 PM Jul 27, 2015

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

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

Ref Offset 7 dB
Ref 30.00 dBm

Mkr1 1.849 970 GHz
-55.713 dBm

10 dB/div
Log

Center 1.850000 GHz
#Res BW 51 kHz #VBW 150 kHz* Span 2.000 MHz
#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

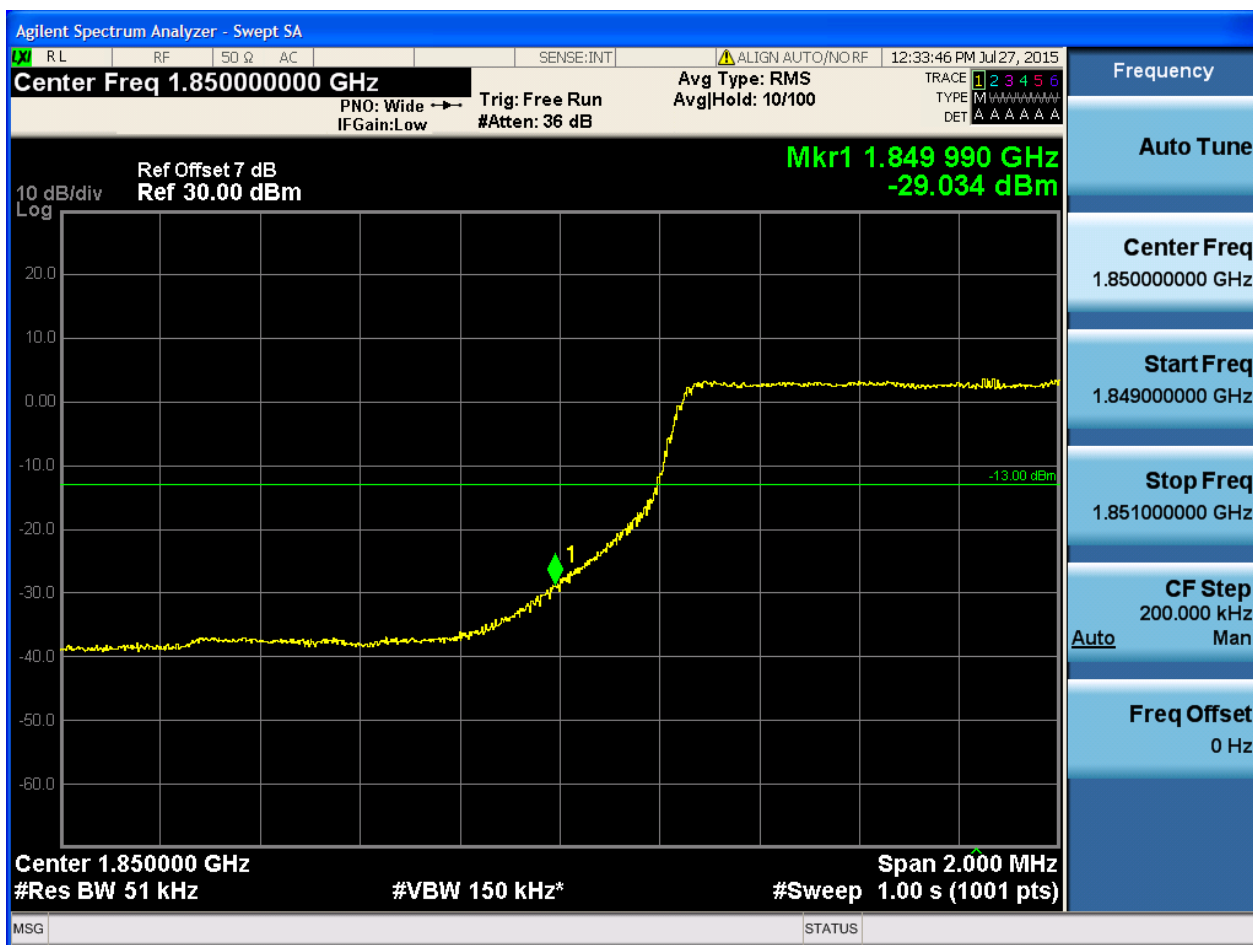


5.1.1.1.3.1.3 Test RB = RB12#6



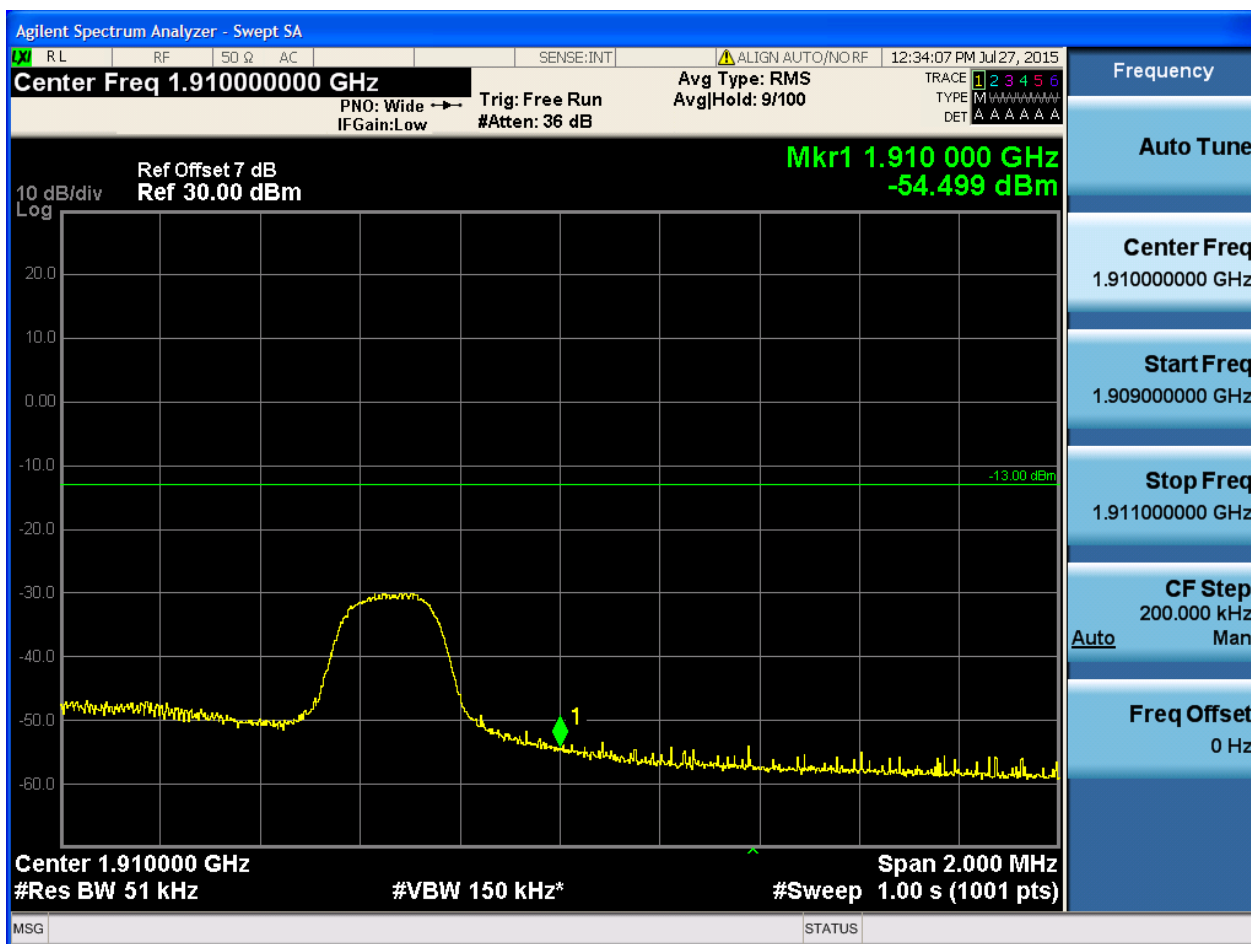


5.1.1.1.3.1.4 Test RB = RB25#0



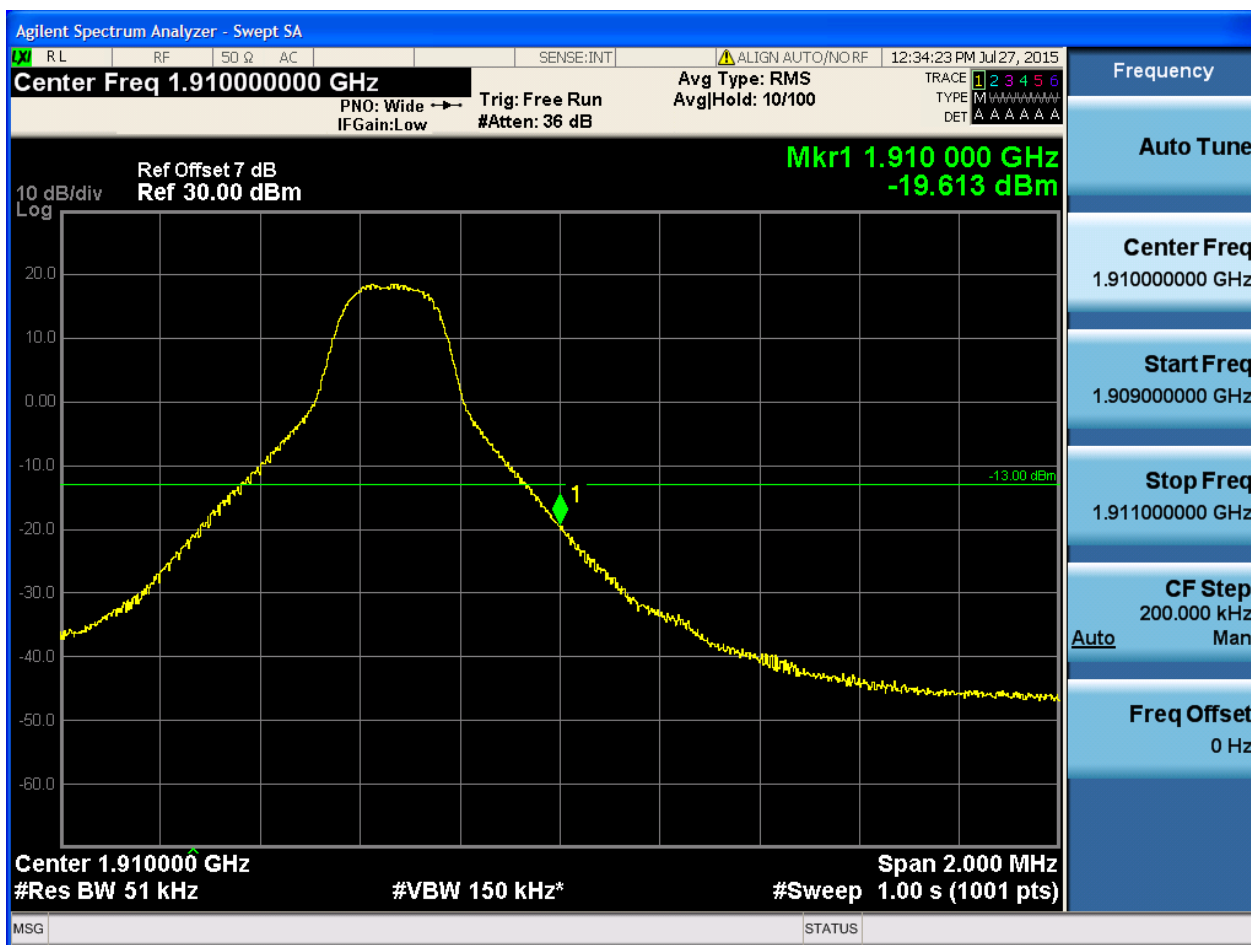
5.1.1.1.3.2 Test Channel = HCH

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





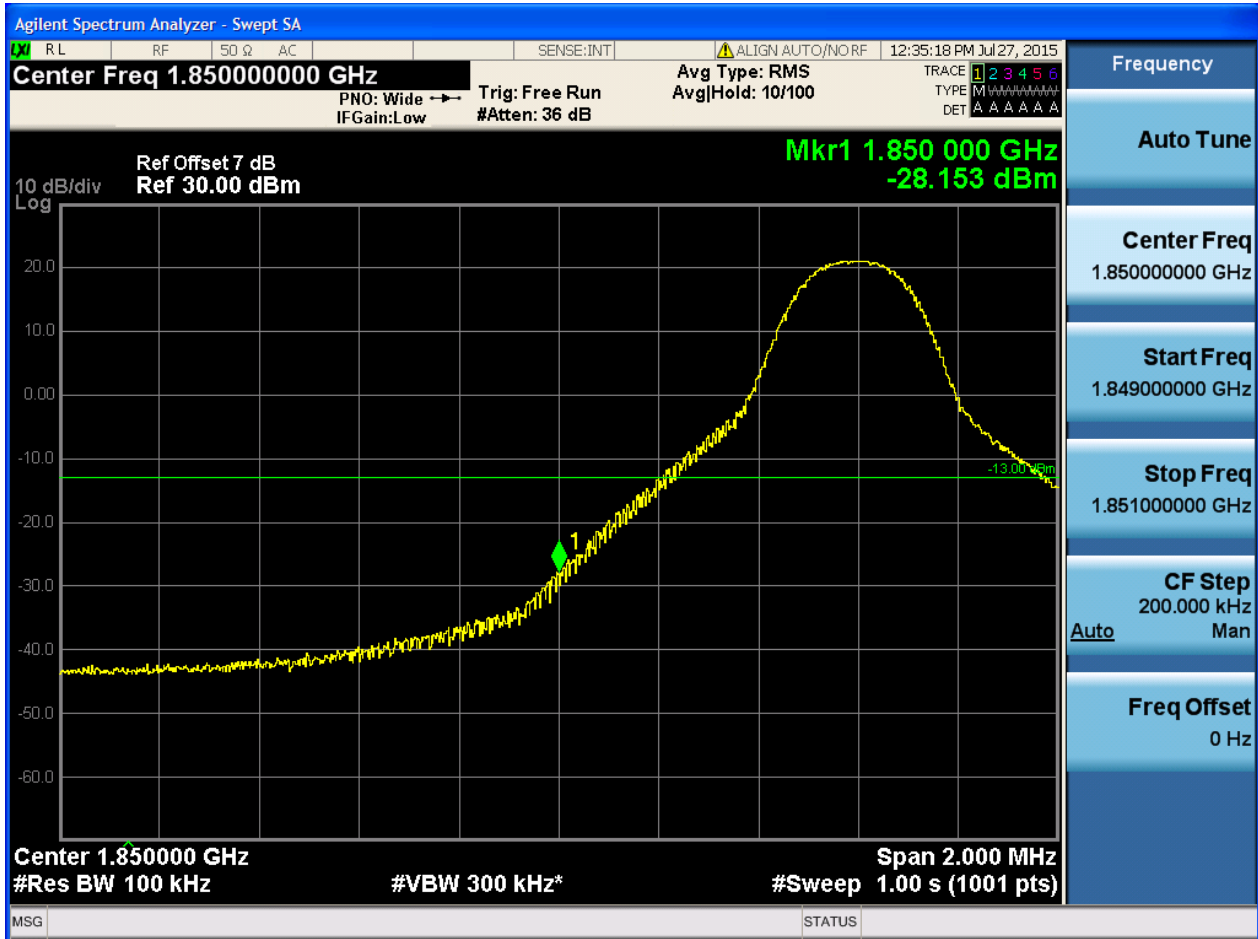
5.1.1.1.3.2.4 Test RB = RB25#0



5.1.1.1.4 Test Bandwidth = 10

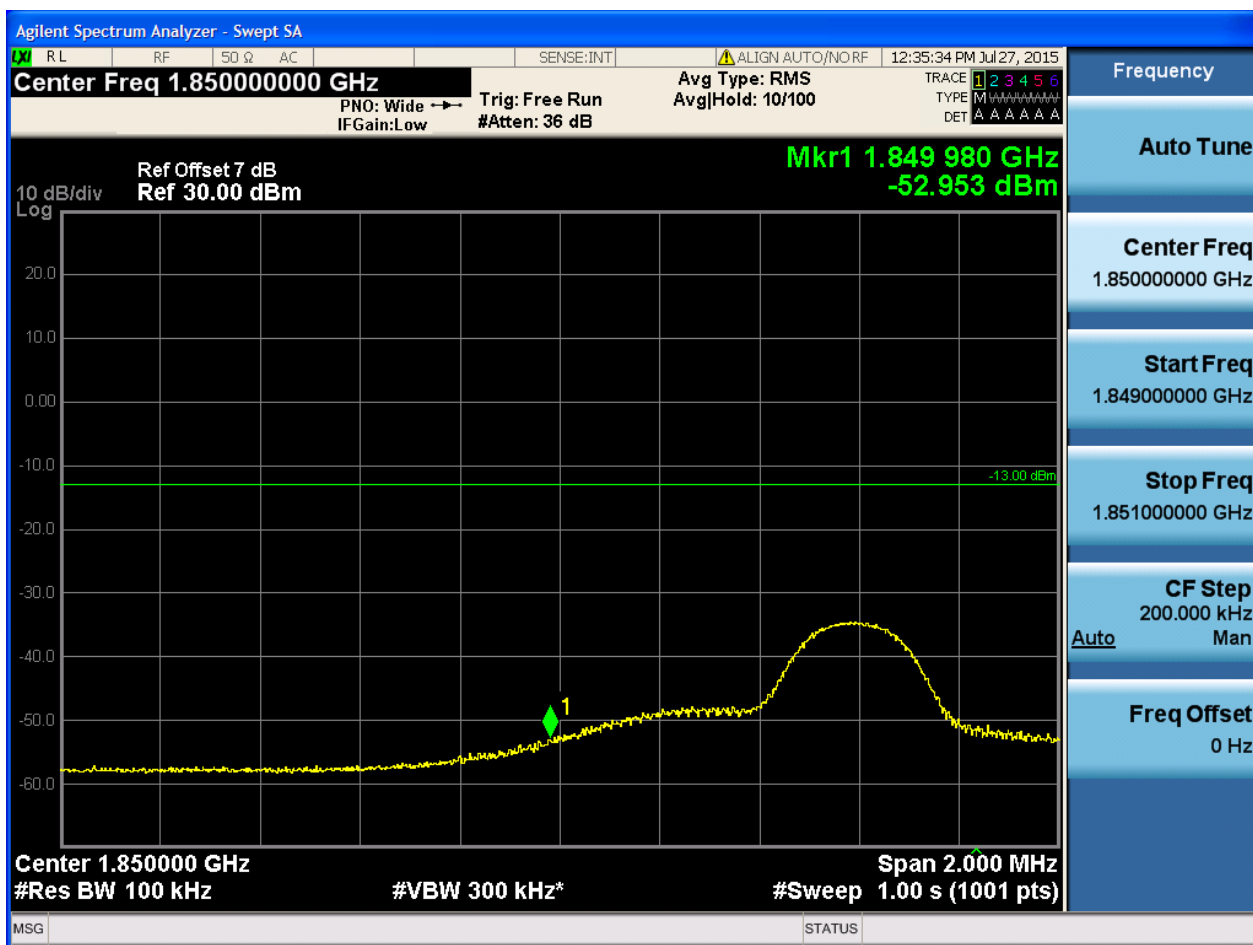
5.1.1.1.4.1 Test Channel = LCH

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



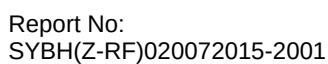


5.1.1.1.4.1.4 Test RB = RB50#0



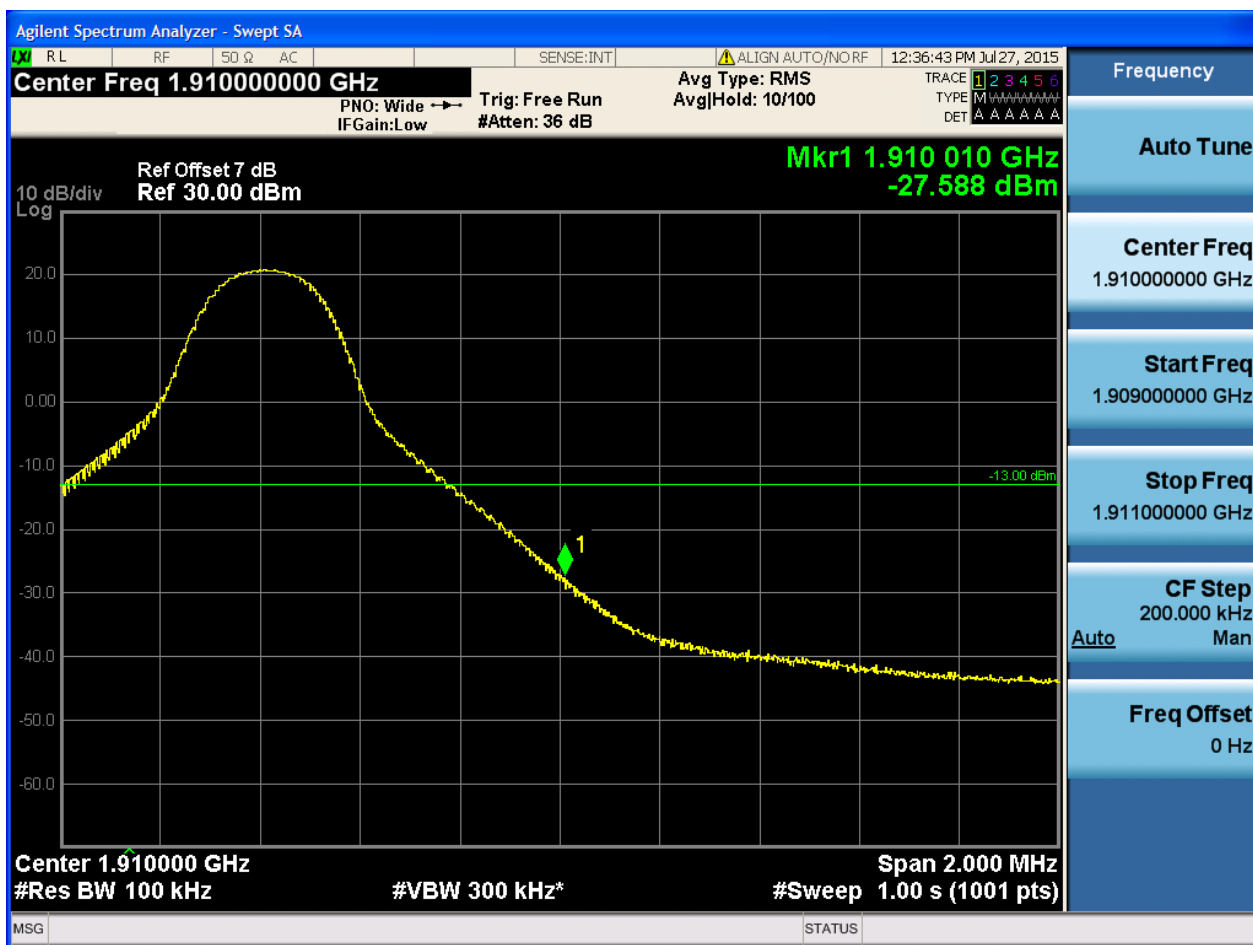


5.1.1.1.4.2.1 Test RB = RB1#0



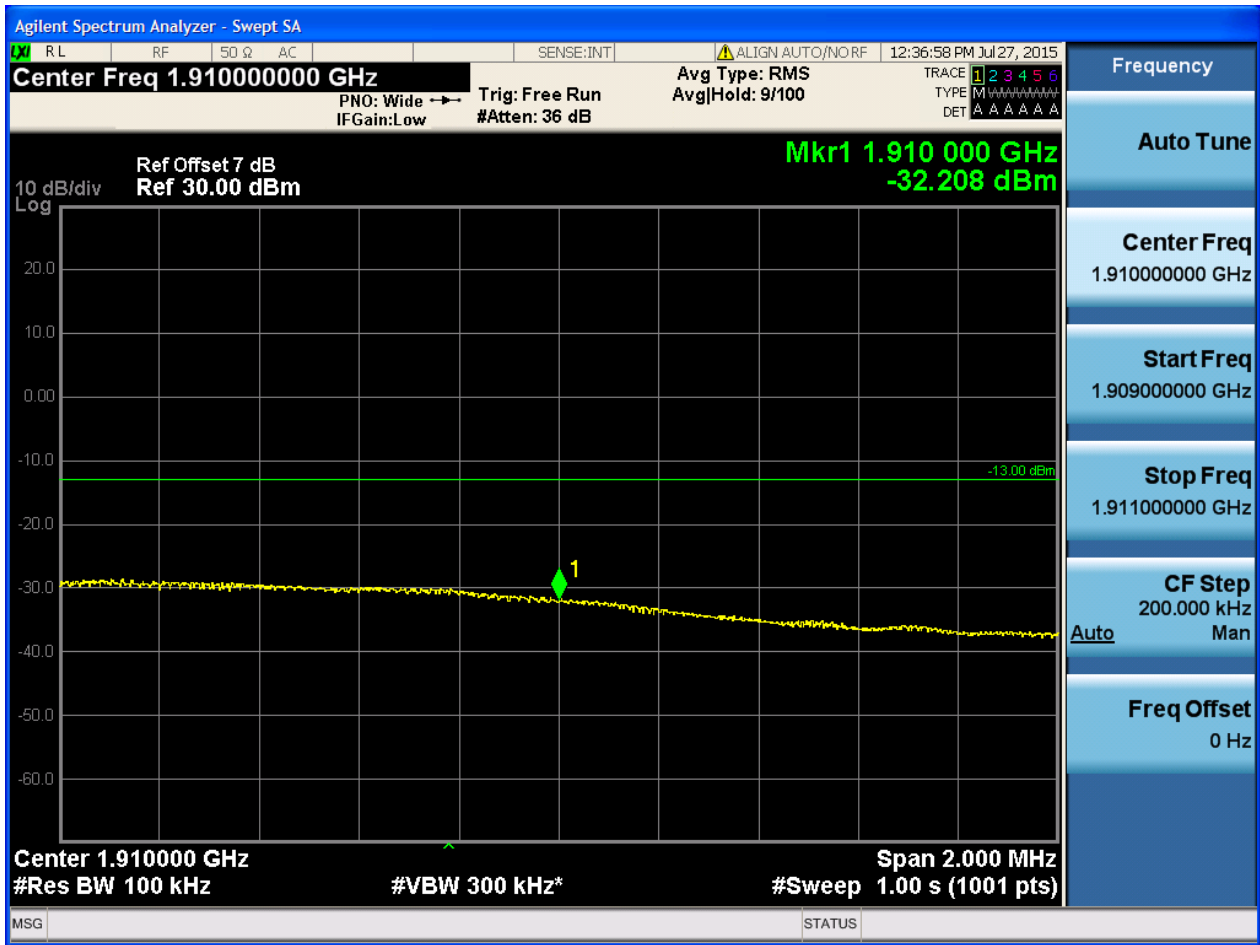


5.1.1.1.4.2.2 Test RB = RB1#49





5.1.1.1.4.2.3 Test RB = RB25#13





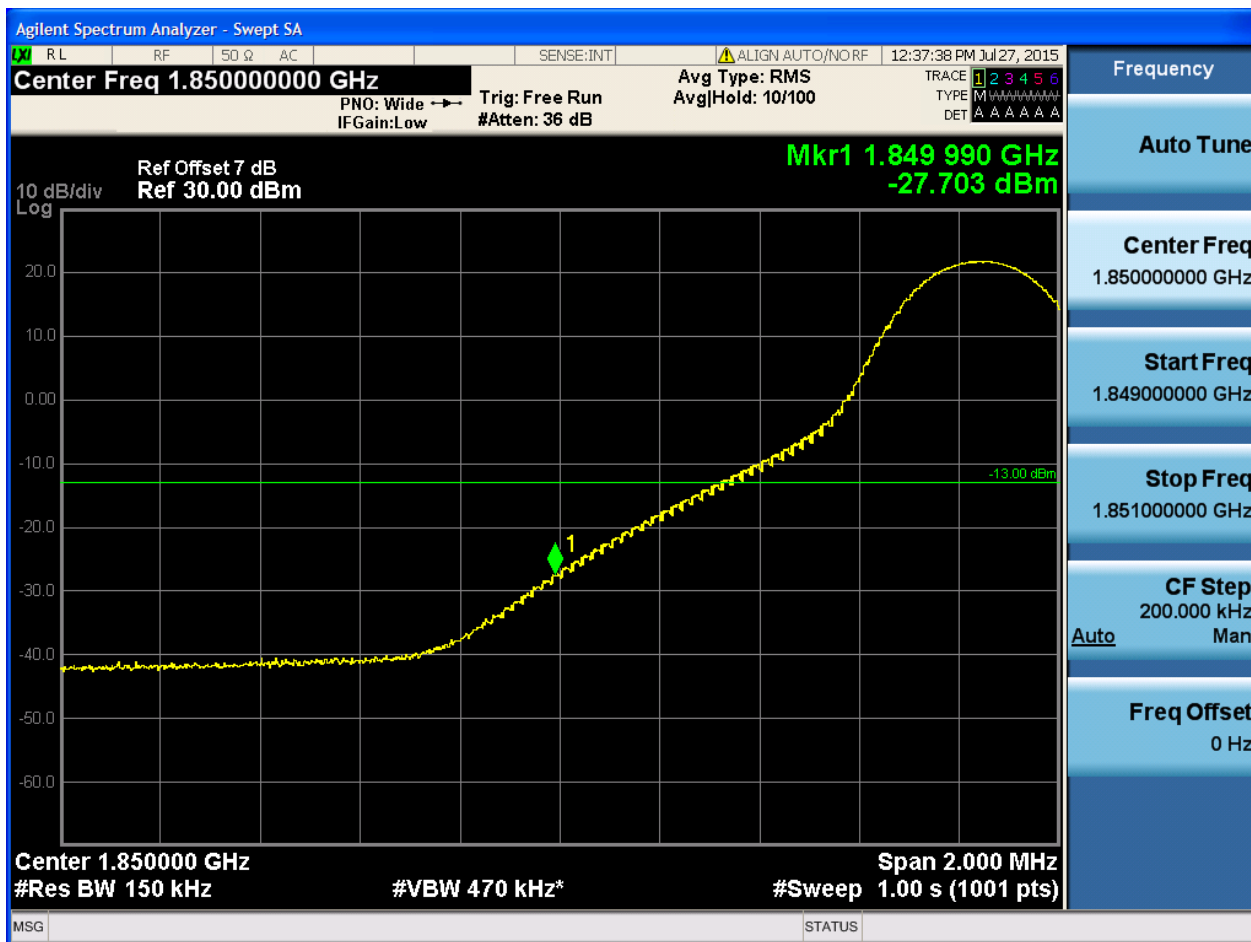
5.1.1.1.4.2.4 Test RB = RB50#0



5.1.1.1.5 Test Bandwidth = 15

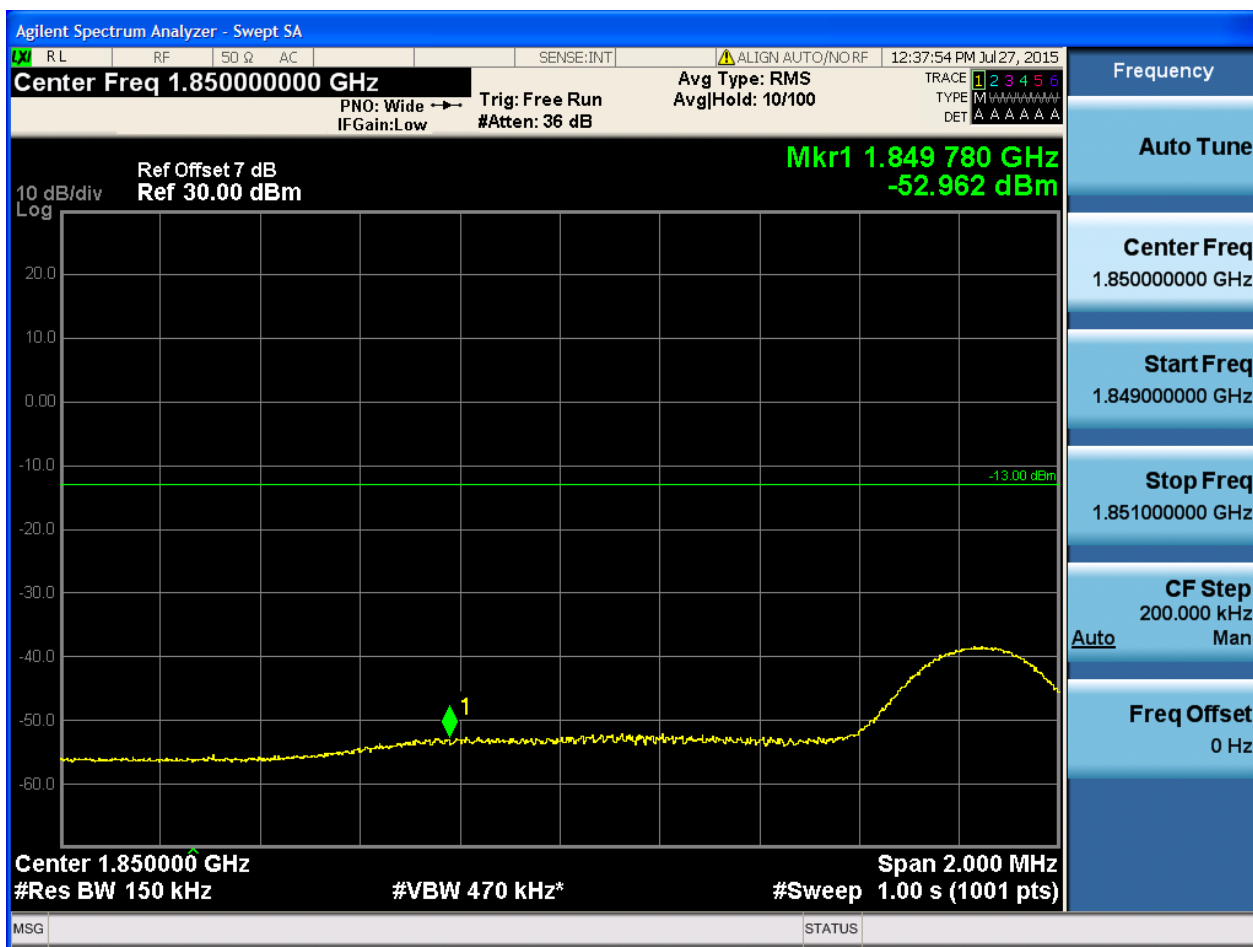
5.1.1.1.5.1 Test Channel = LCH

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



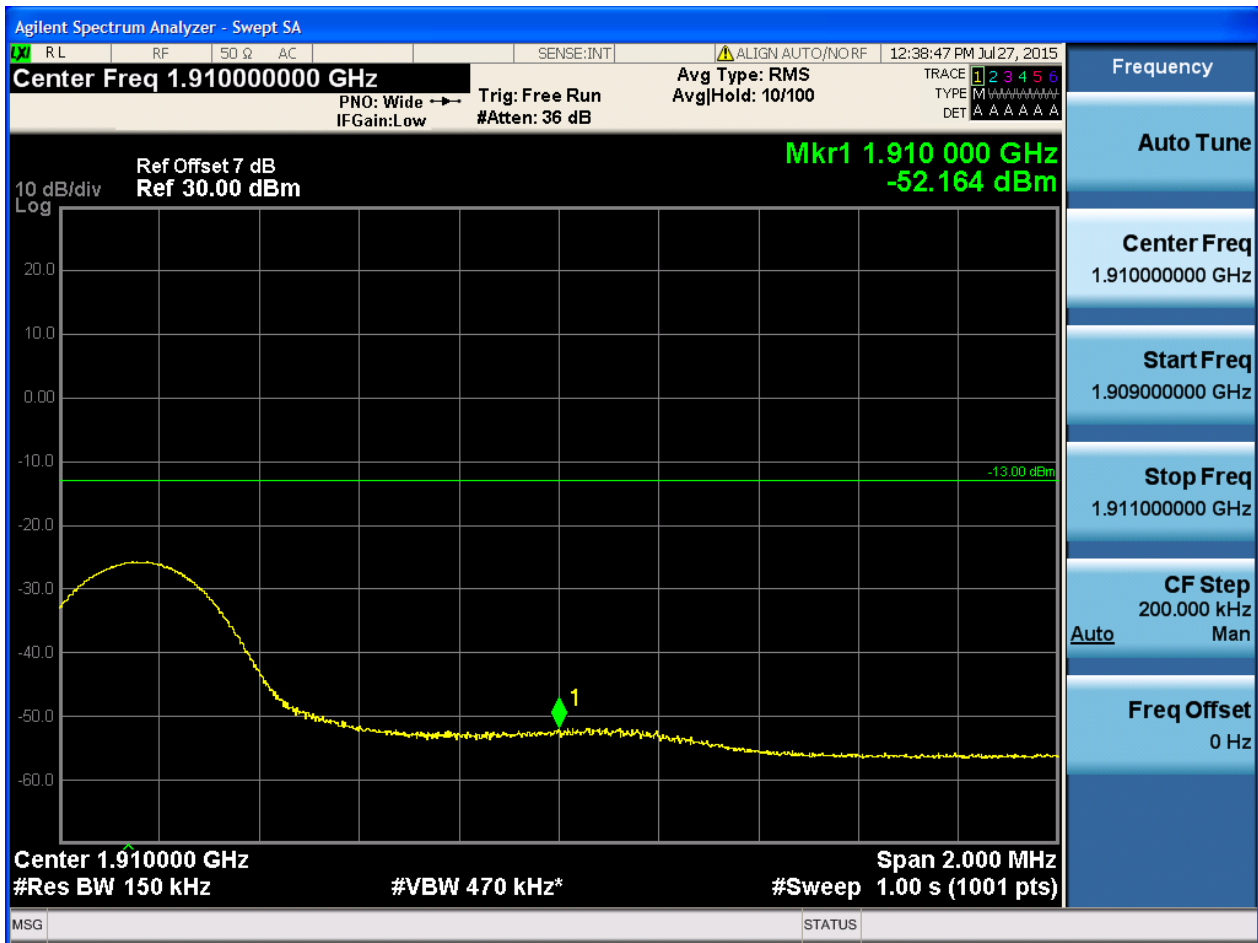


5.1.1.1.5.1.4 Test RB = RB75#0



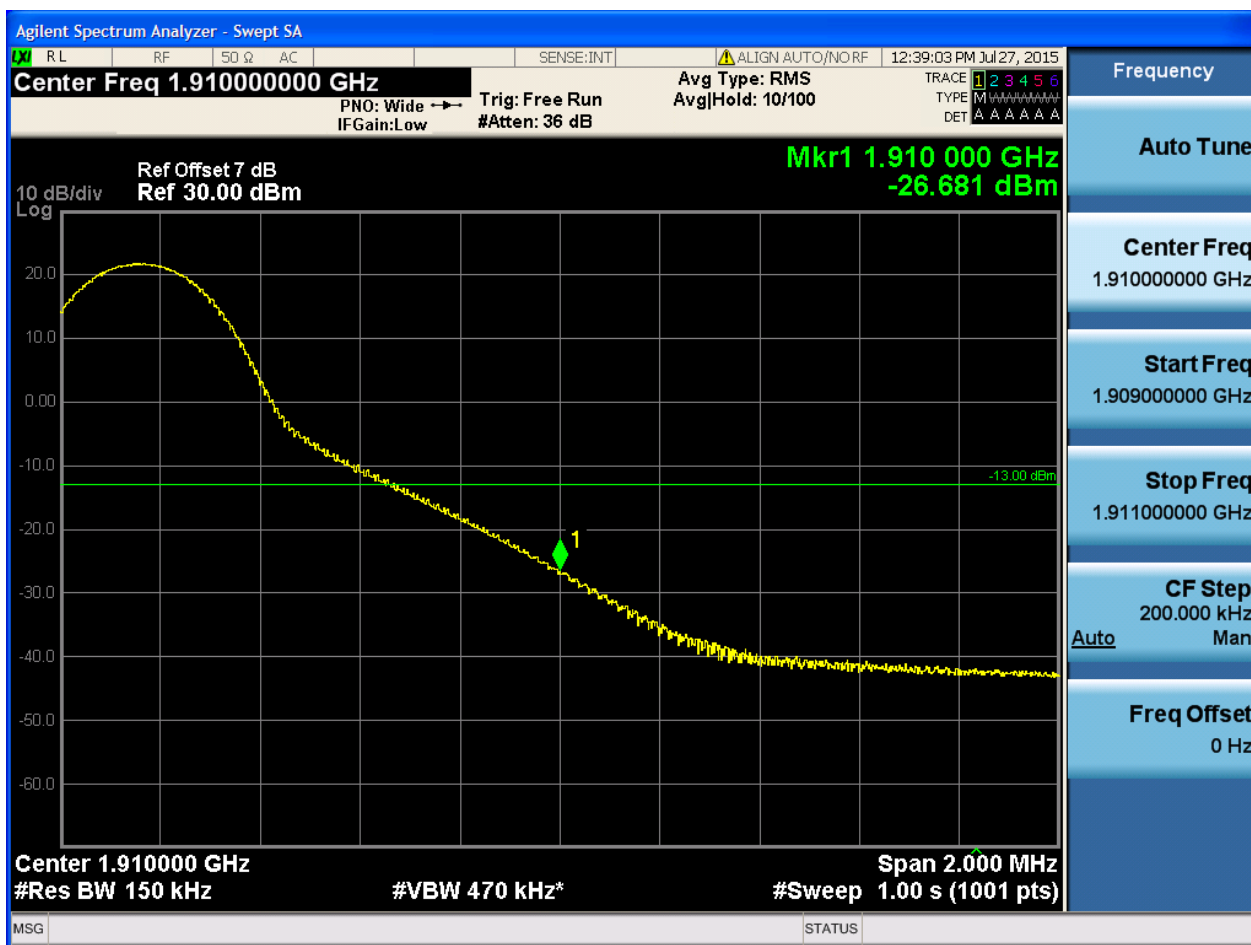


5.1.1.1.5.2.1 Test RB = RB1#0





5.1.1.1.5.2.2 Test RB = RB1#74





5.1.1.1.5.2.3 Test RB = RB38#19





5.1.1.1.5.2.4 Test RB = RB75#0

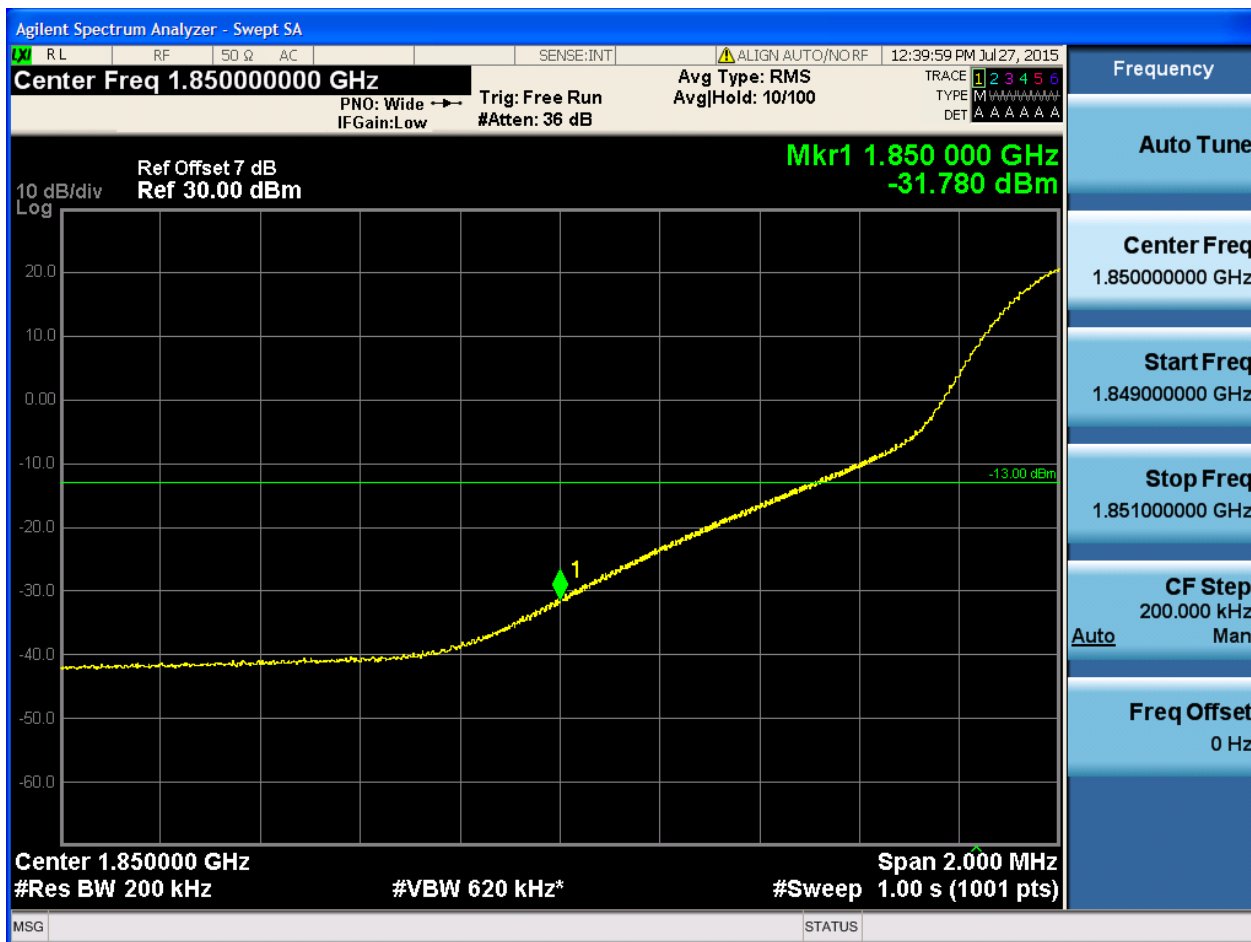




5.1.1.1.6 Test Bandwidth = 20

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



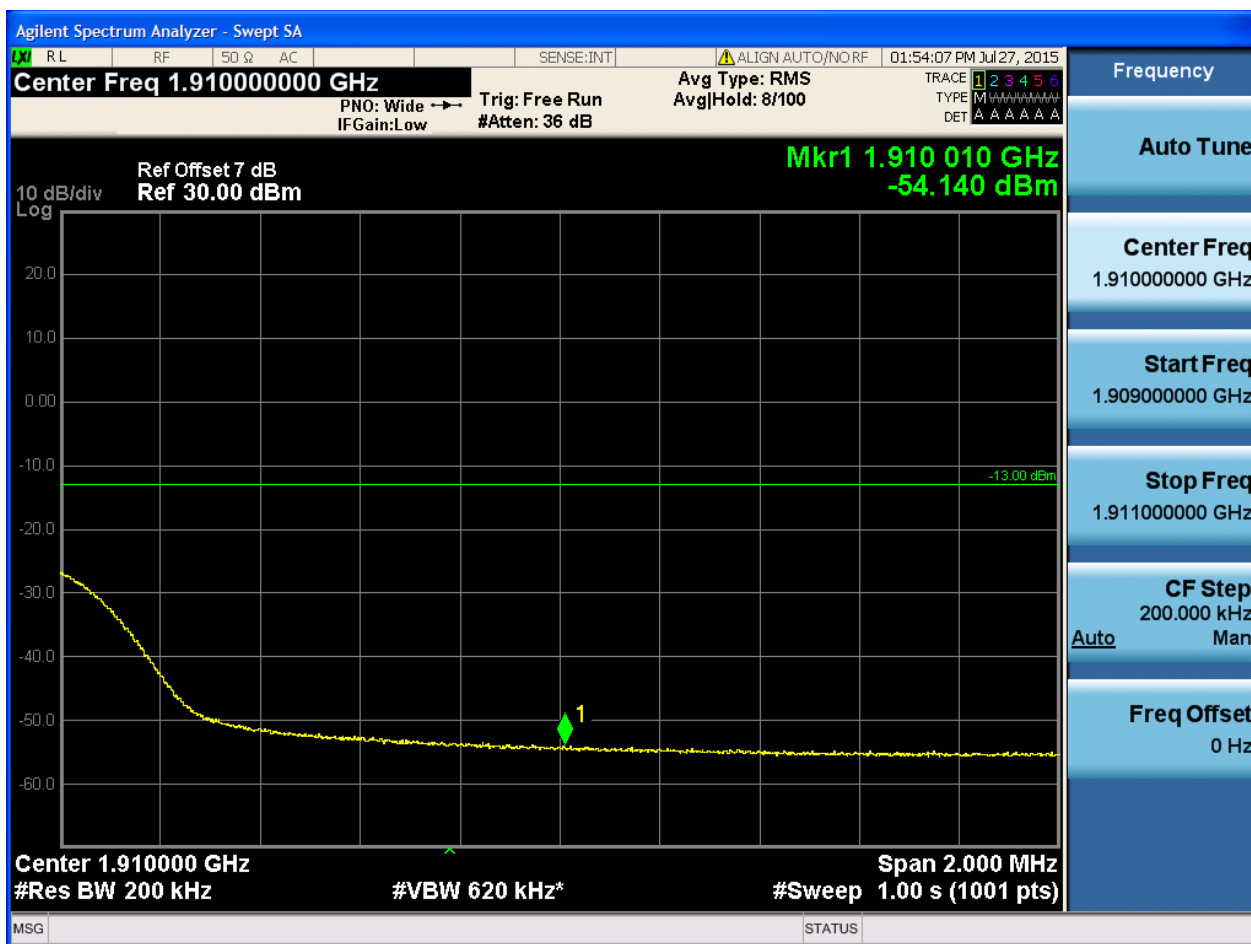


5.1.1.1.6.1.4 Test RB = RB100#0



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



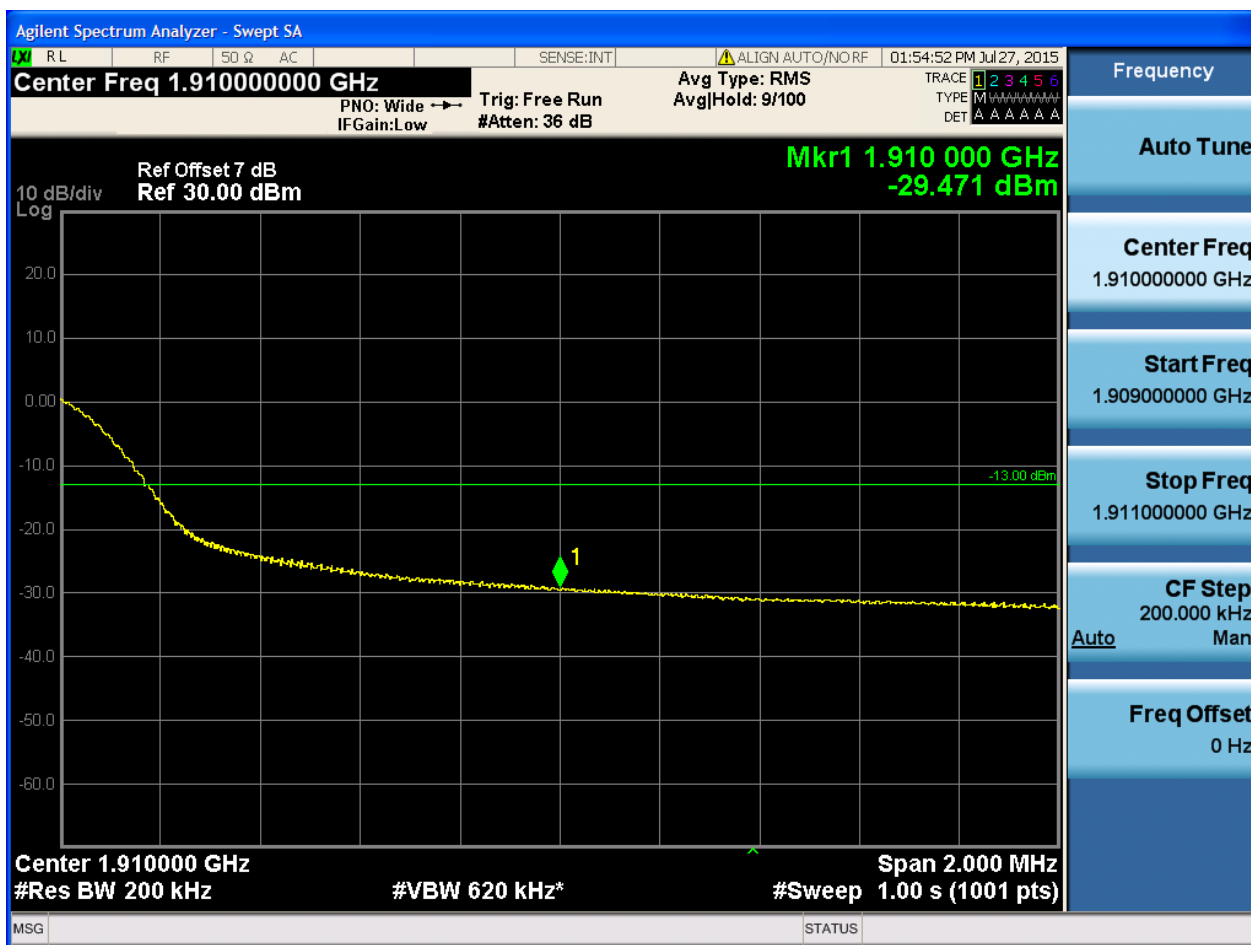


5.1.1.1.6.2.3 Test RB = RB50#25





5.1.1.1.6.2.4 Test RB = RB100#0





5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Bandwidth = 1.4

5.1.1.2.1.1 Test Channel = LCH

5.1.1.2.1.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

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

Mkr1 1.849 960 GHz
-50.421 dBm

-13.00 dBm

Center 1.850000 GHz
#Res BW 15 kHz

#VBW 43 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

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

MSG STATUS

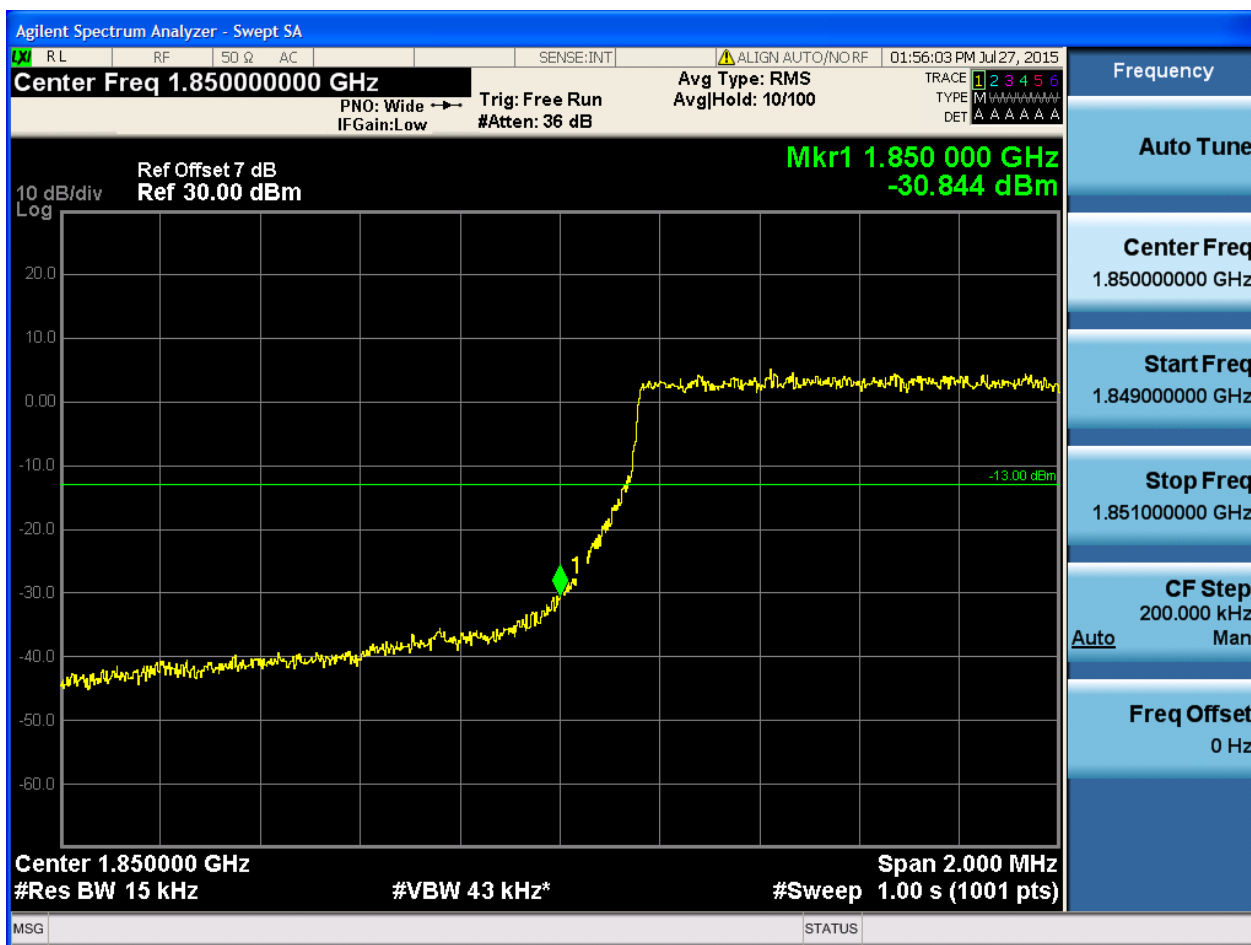


5.1.1.2.1.1.3 Test RB = RB3#2





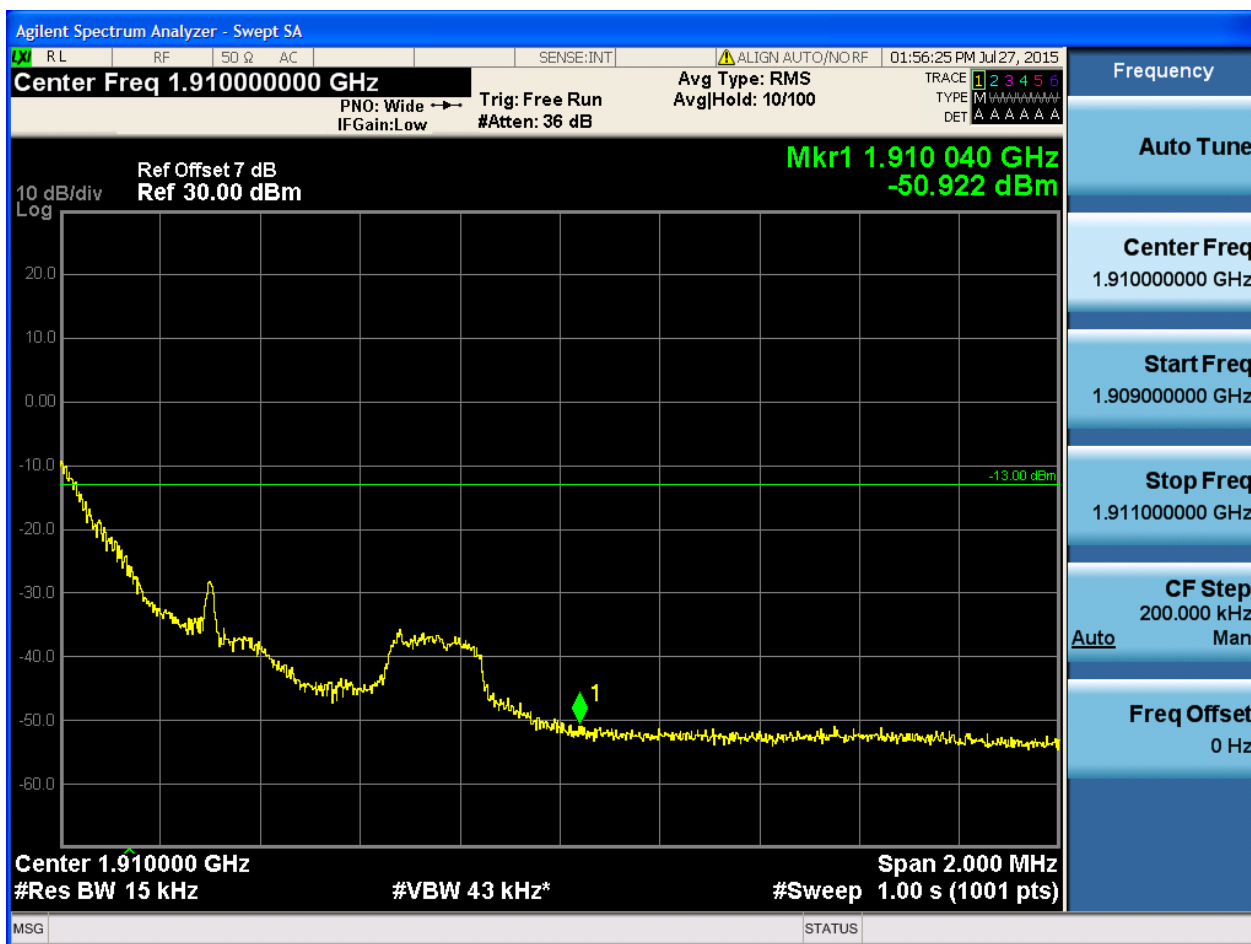
5.1.1.2.1.1.4 Test RB = RB6#0





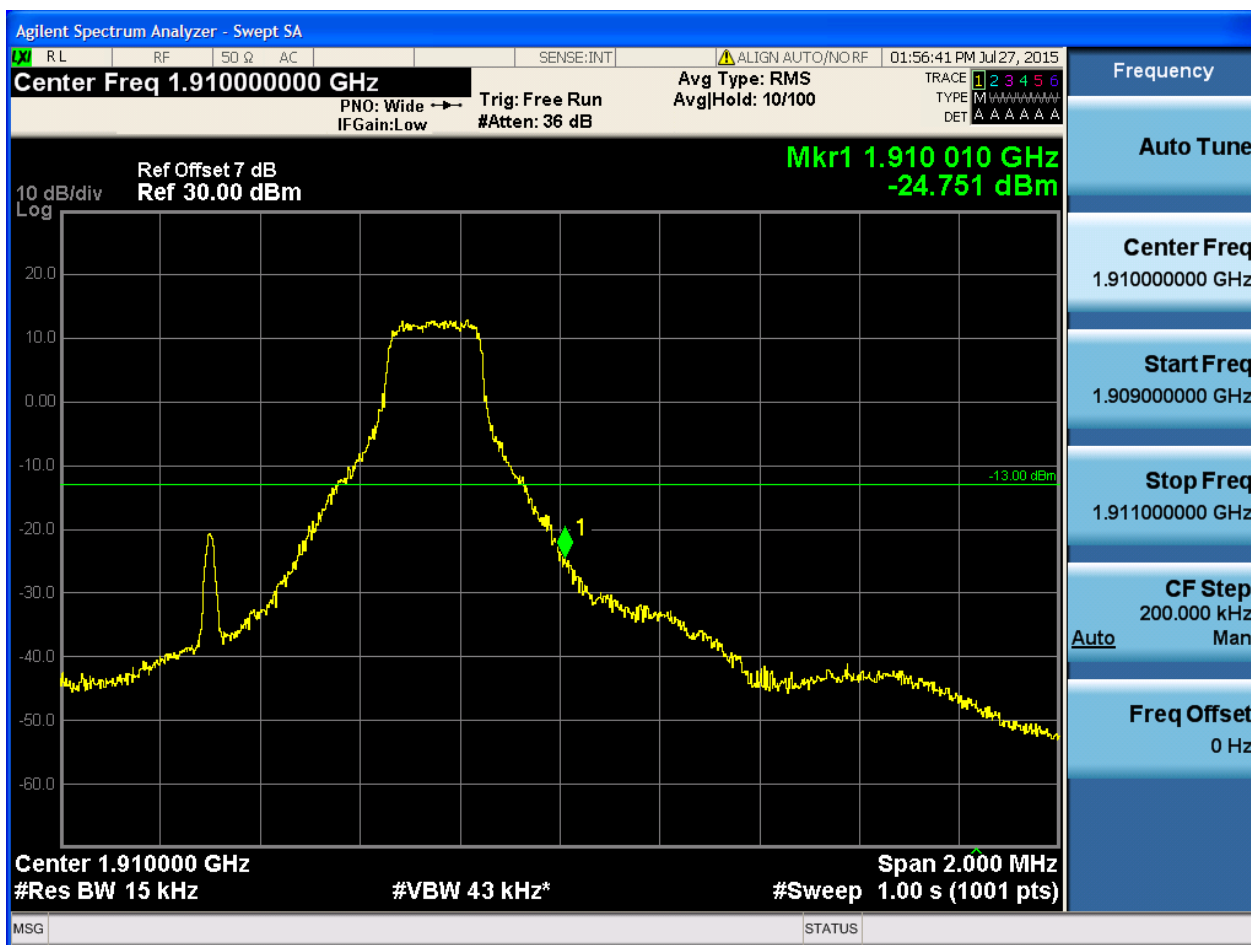
5.1.1.2.1.2 Test Channel = HCH

5.1.1.2.1.2.1 Test RB = RB1#0





5.1.1.2.1.2.2 Test RB = RB1#5





5.1.1.2.1.2.3 Test RB = RB3#2



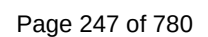


5.1.1.2.1.2.4 Test RB = RB6#0





5.1.1.2.2.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.85000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 1.849 010 GHz
-45.688 dBm

Center 1.850000 GHz
#Res BW 30 kHz

#VBW 91 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
1.85000000 GHz

Start Freq
1.849000000 GHz

Stop Freq
1.851000000 GHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

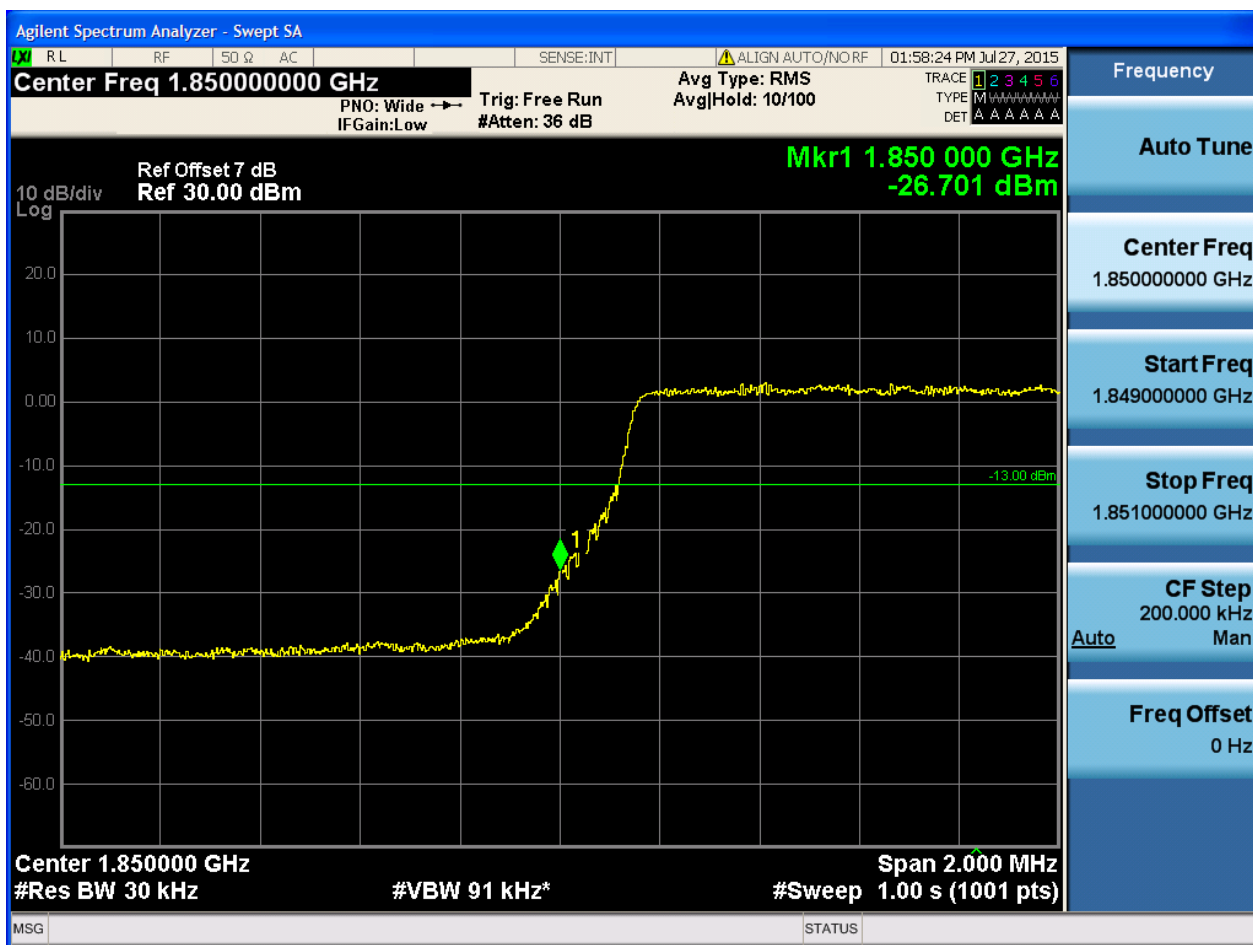


5.1.1.2.2.1.3 Test RB = RB8#4





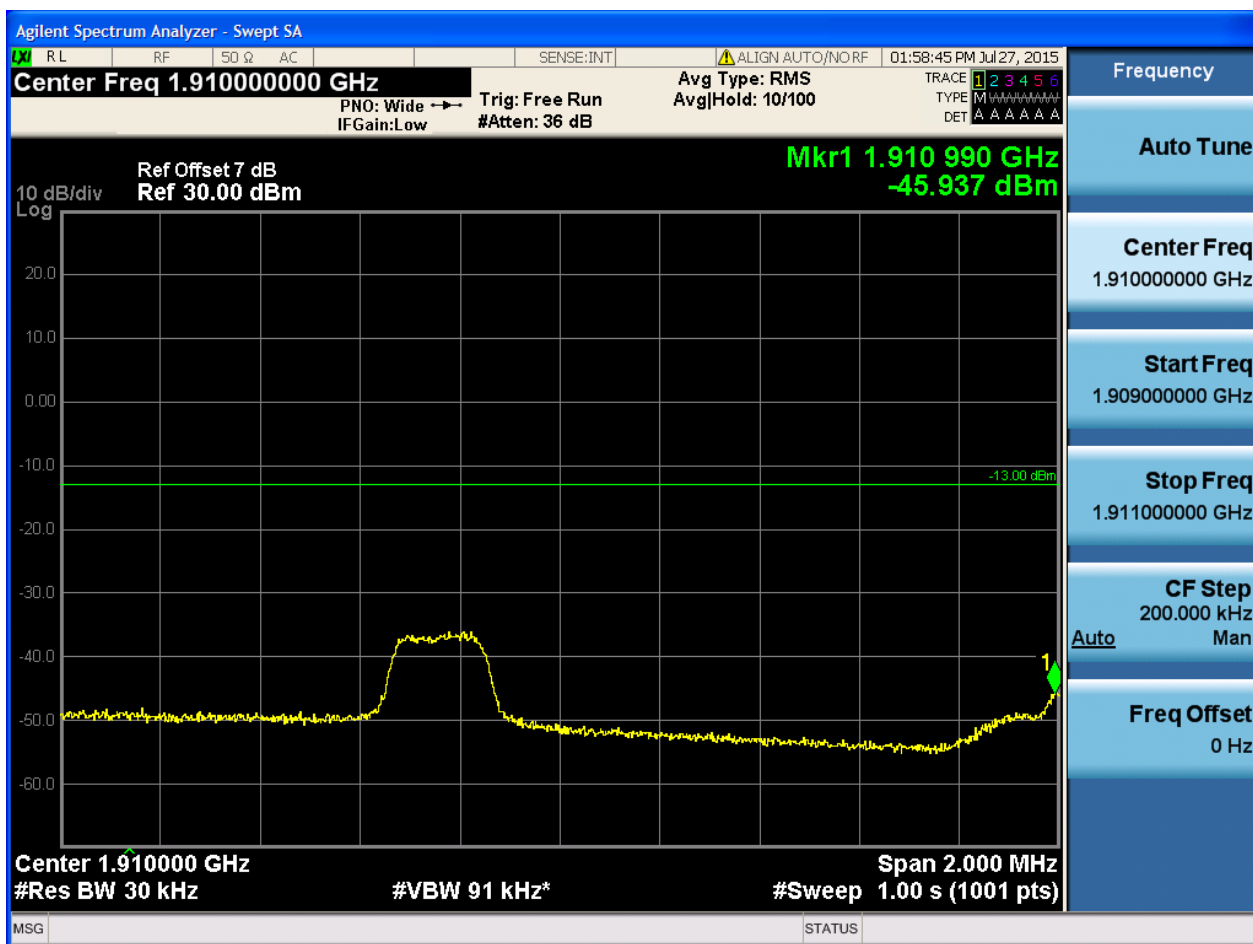
5.1.1.2.2.1.4 Test RB = RB15#0





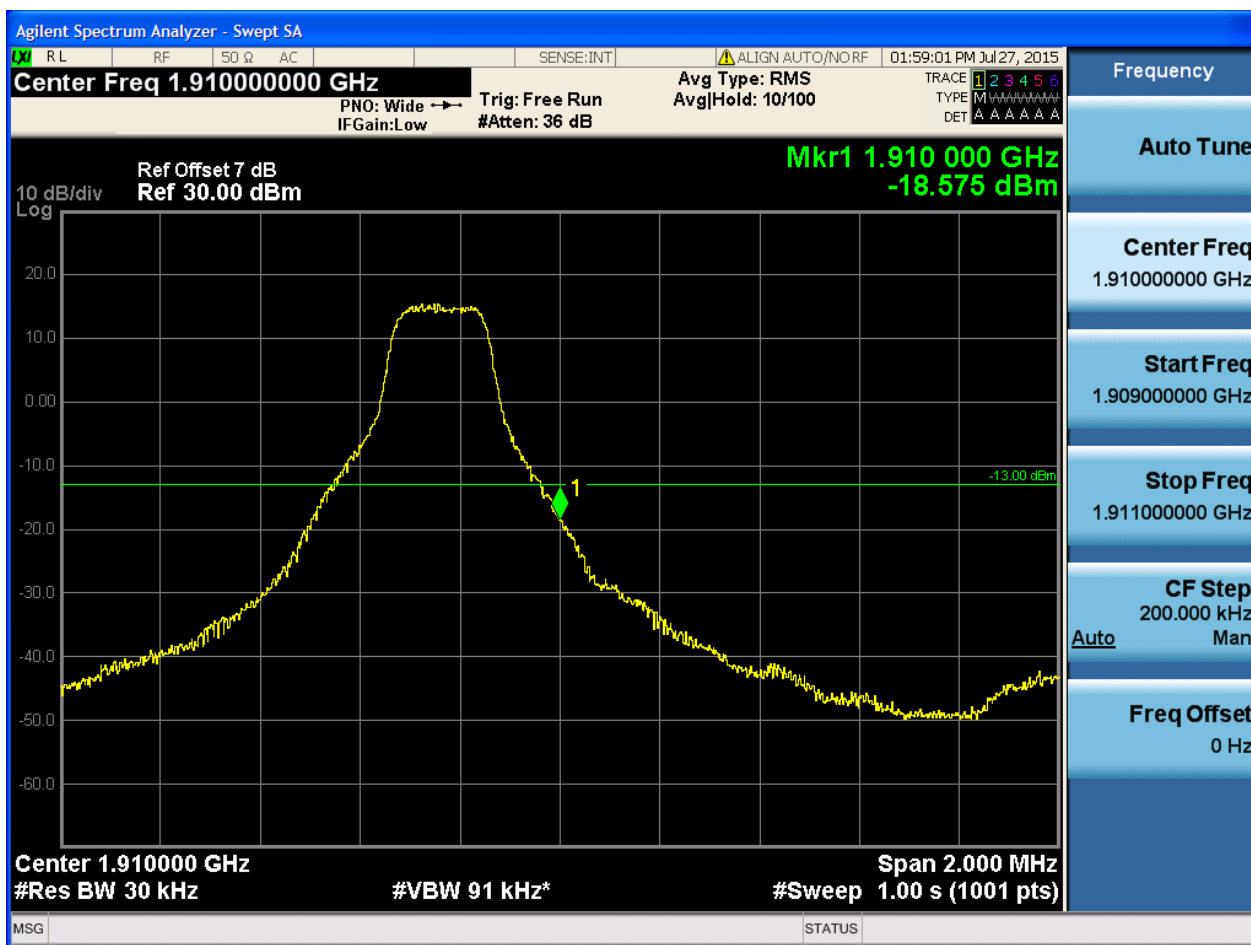
5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0





5.1.1.2.2.2 Test RB = RB1#14





5.1.1.2.2.3 Test RB = RB8#4





5.1.1.2.2.4 Test RB = RB15#0

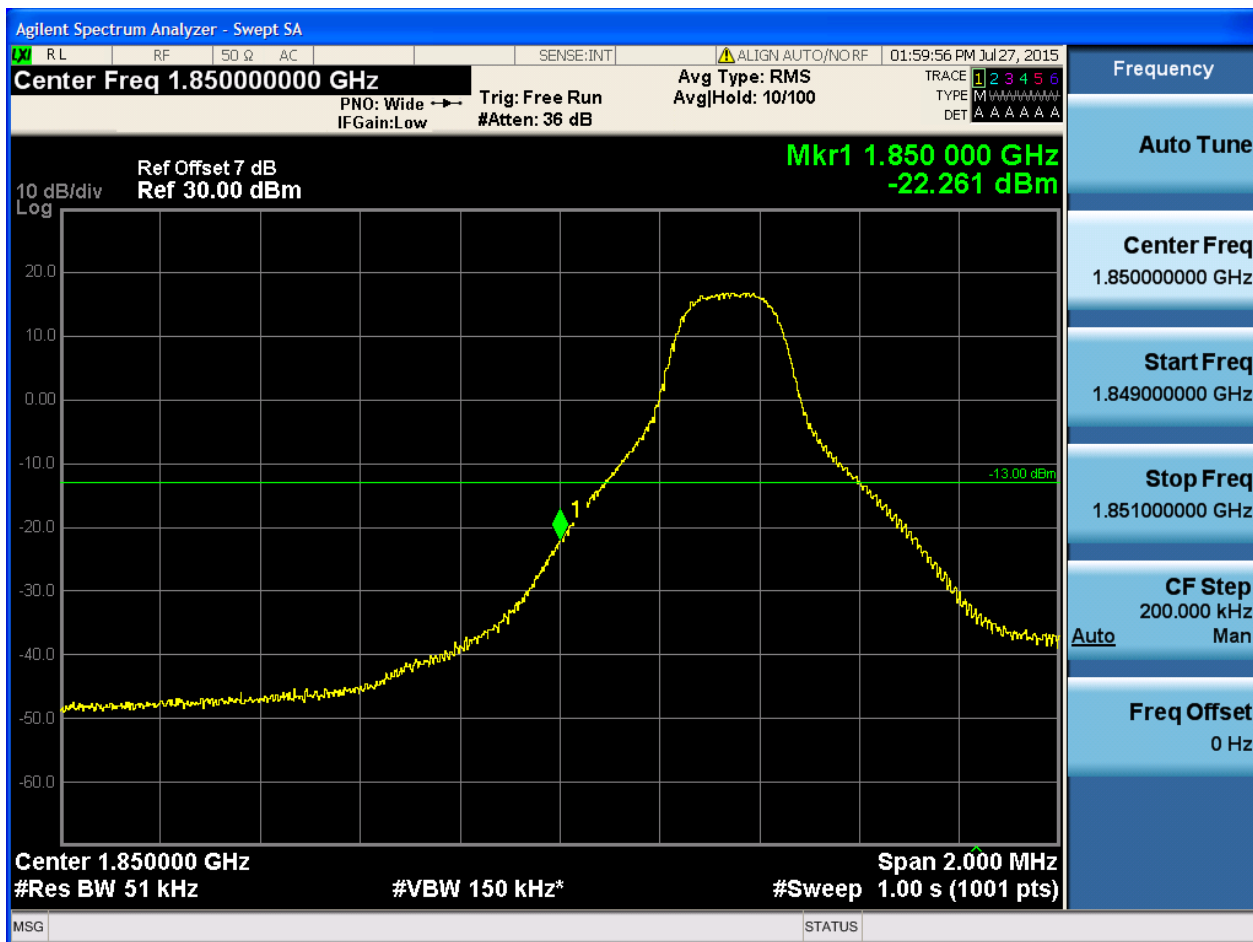




5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

5.1.1.2.3.1.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 1.850000000 GHz

Ref Offset 7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

ALIGN AUTO/NORF

02:00:12 PM Jul 27, 2015

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

Mkr1 1.849 930 GHz
-56.322 dBm

-13.00 dBm

Center 1.850000 GHz
#Res BW 51 kHz
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

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



5.1.1.2.3.1.3 Test RB = RB12#6





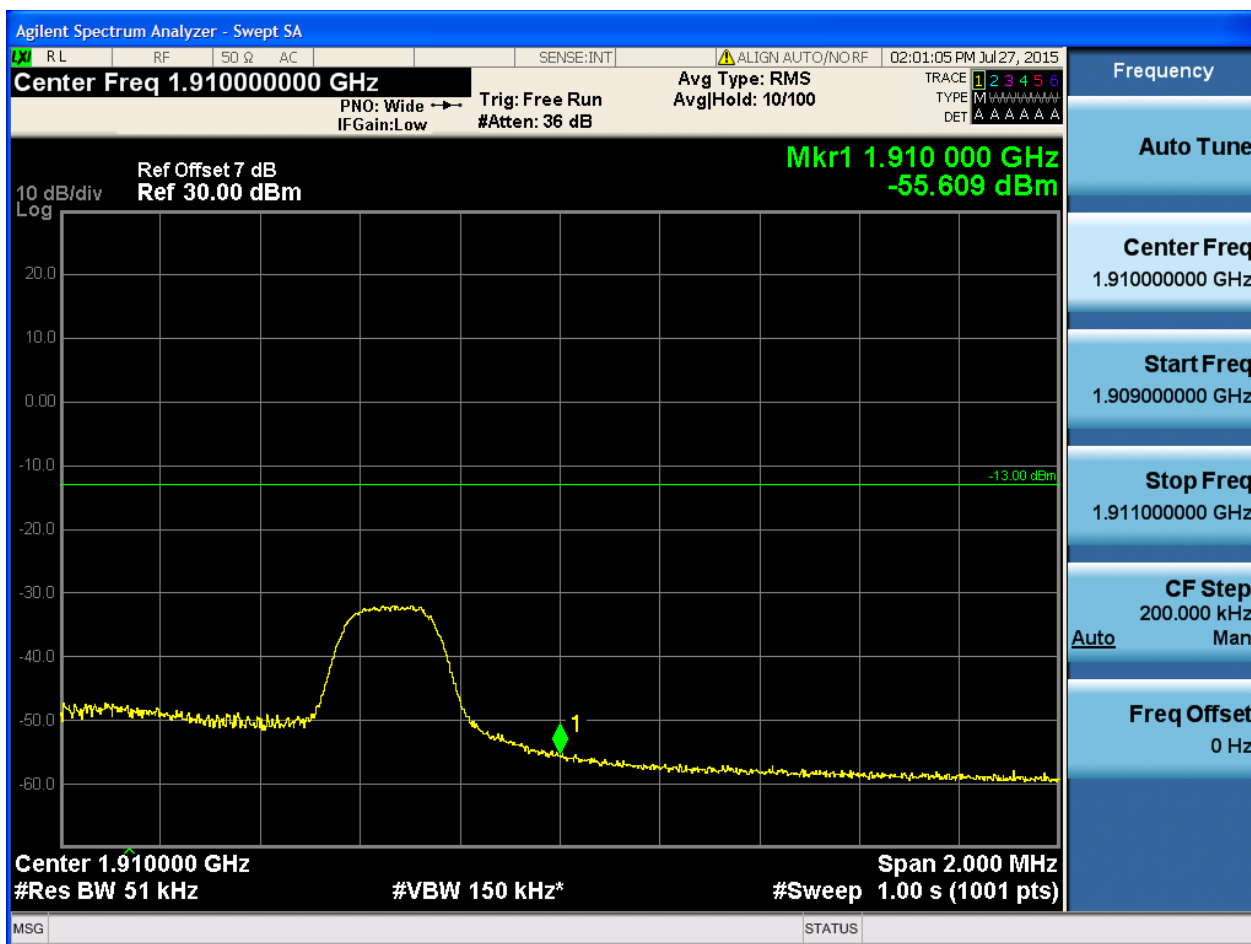
5.1.1.2.3.1.4 Test RB = RB25#0





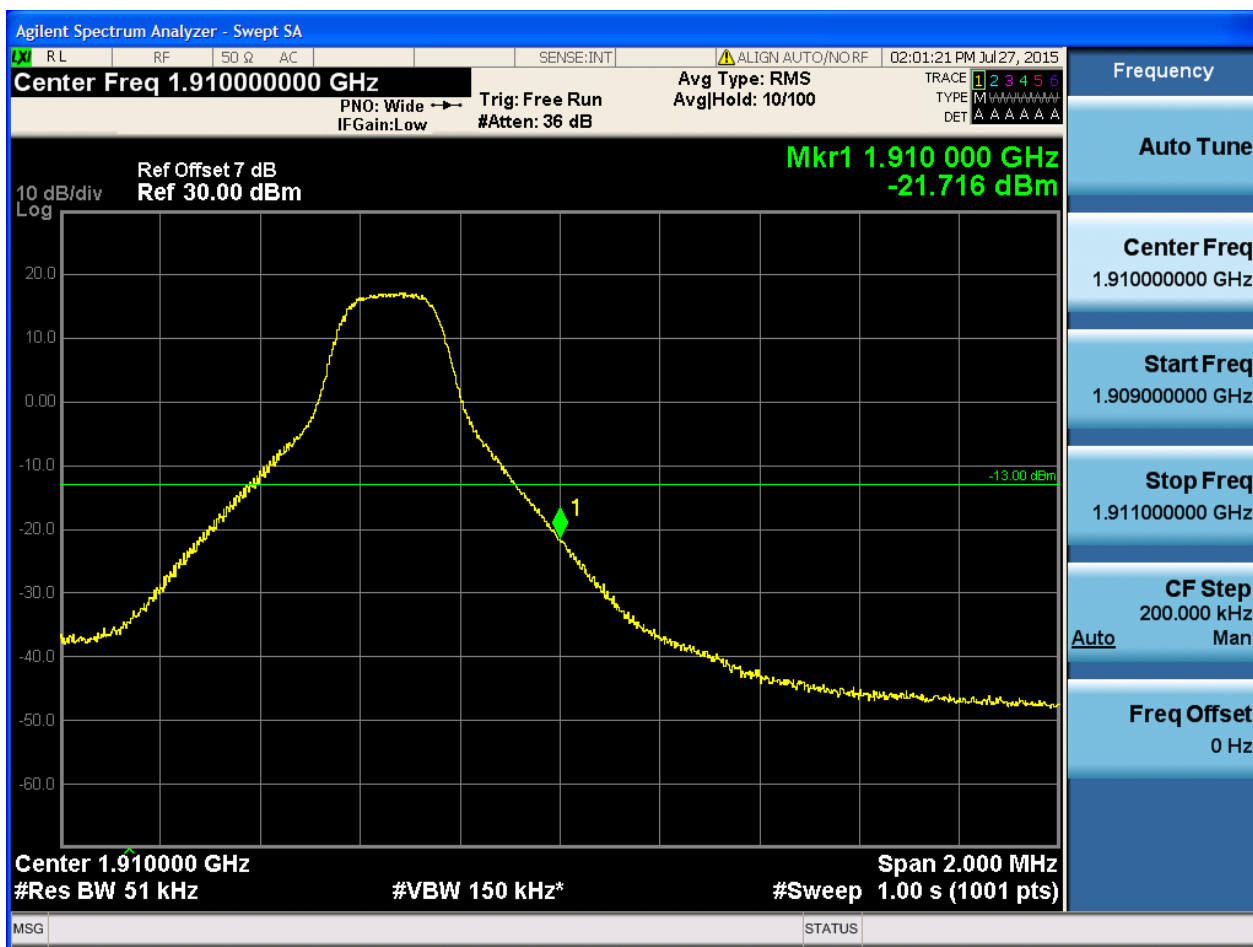
5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0





5.1.1.2.3.2.2 Test RB = RB1#24





5.1.1.2.3.2.3 Test RB = RB12#6





5.1.1.2.3.2.4 Test RB = RB25#0

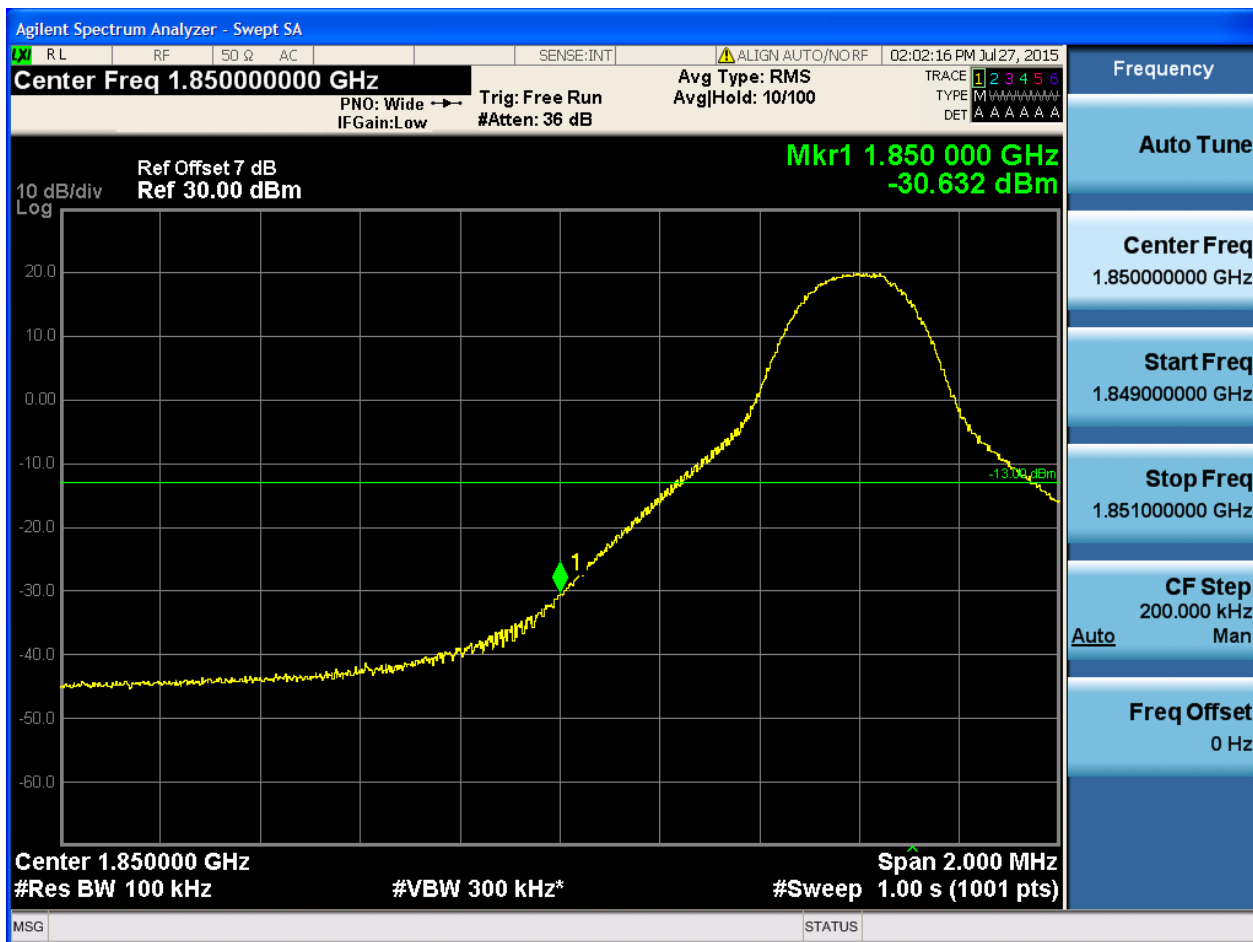




5.1.1.2.4 Test Bandwidth = 10

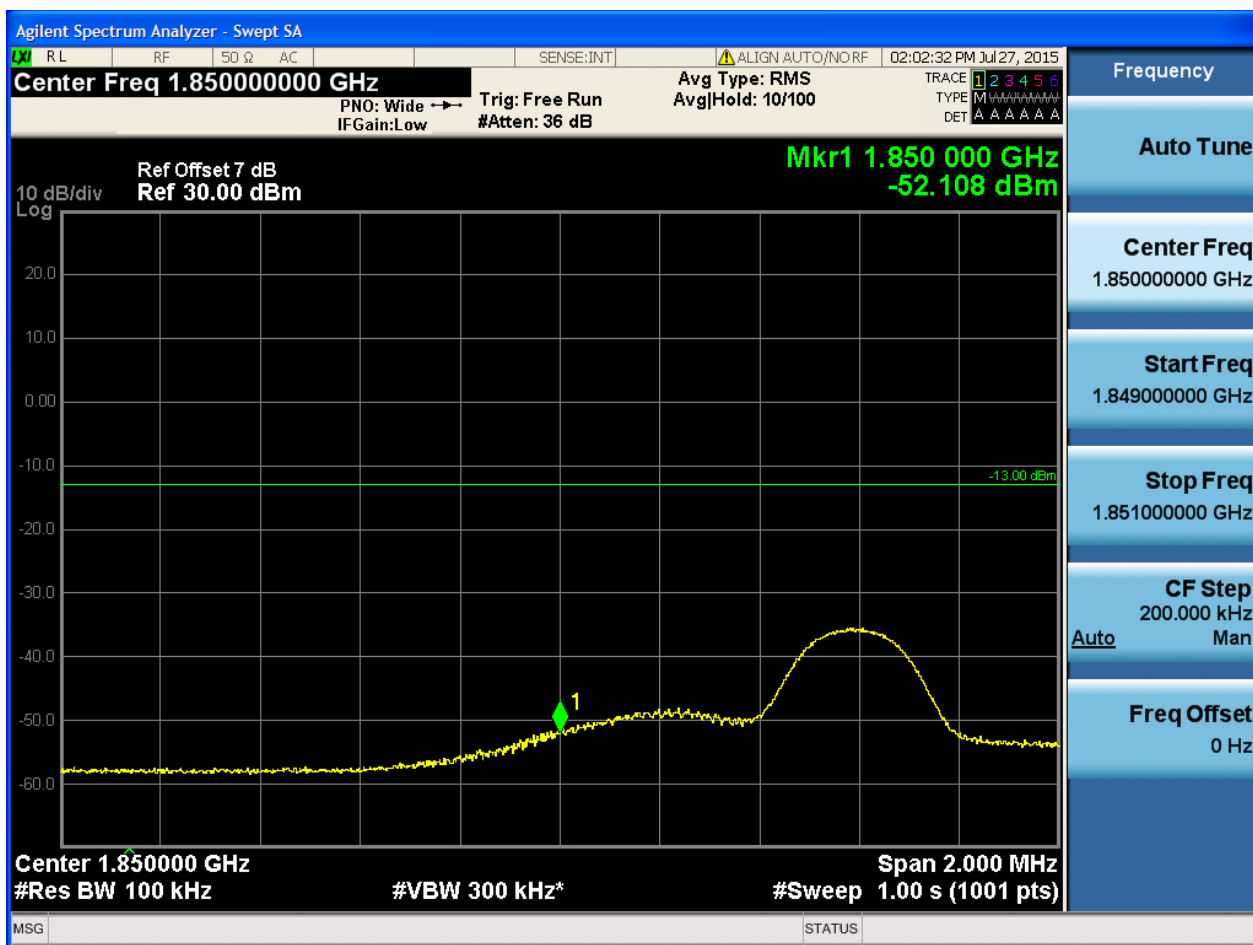
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49





5.1.1.2.4.1.3 Test RB = RB25#13





5.1.1.2.4.1.4 Test RB = RB50#0

