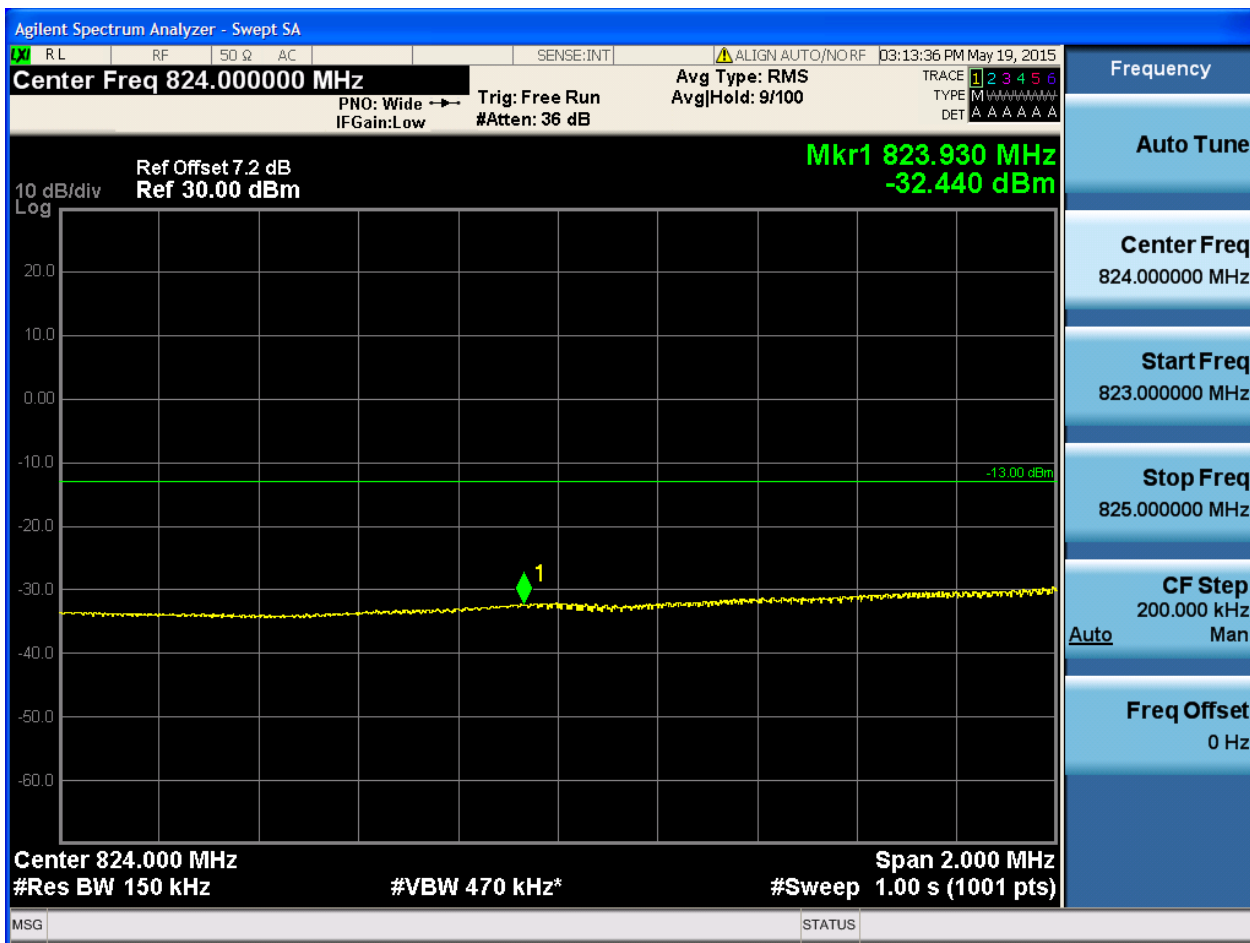


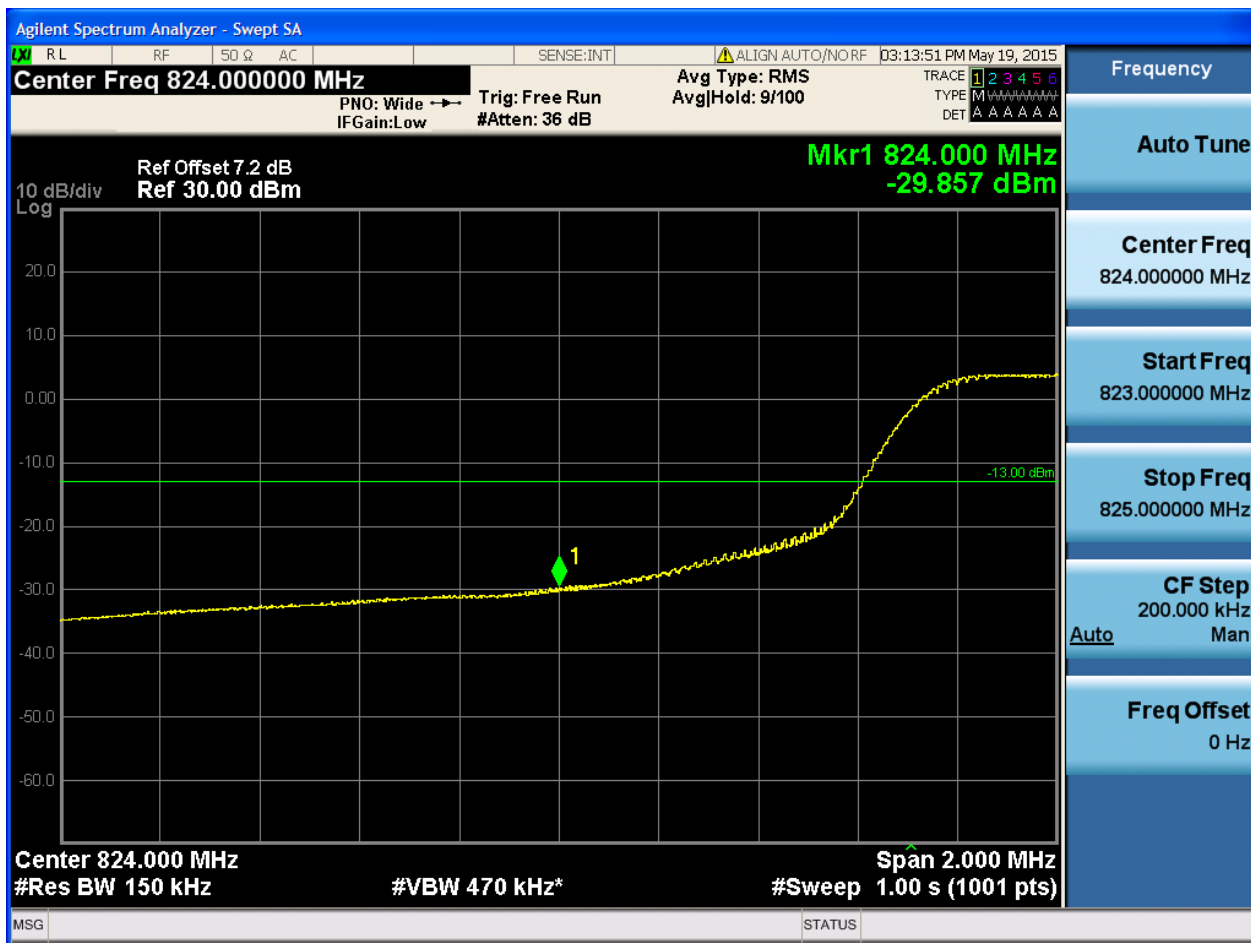


5.1.3.1.5.1.3 Test RB = RB38#19





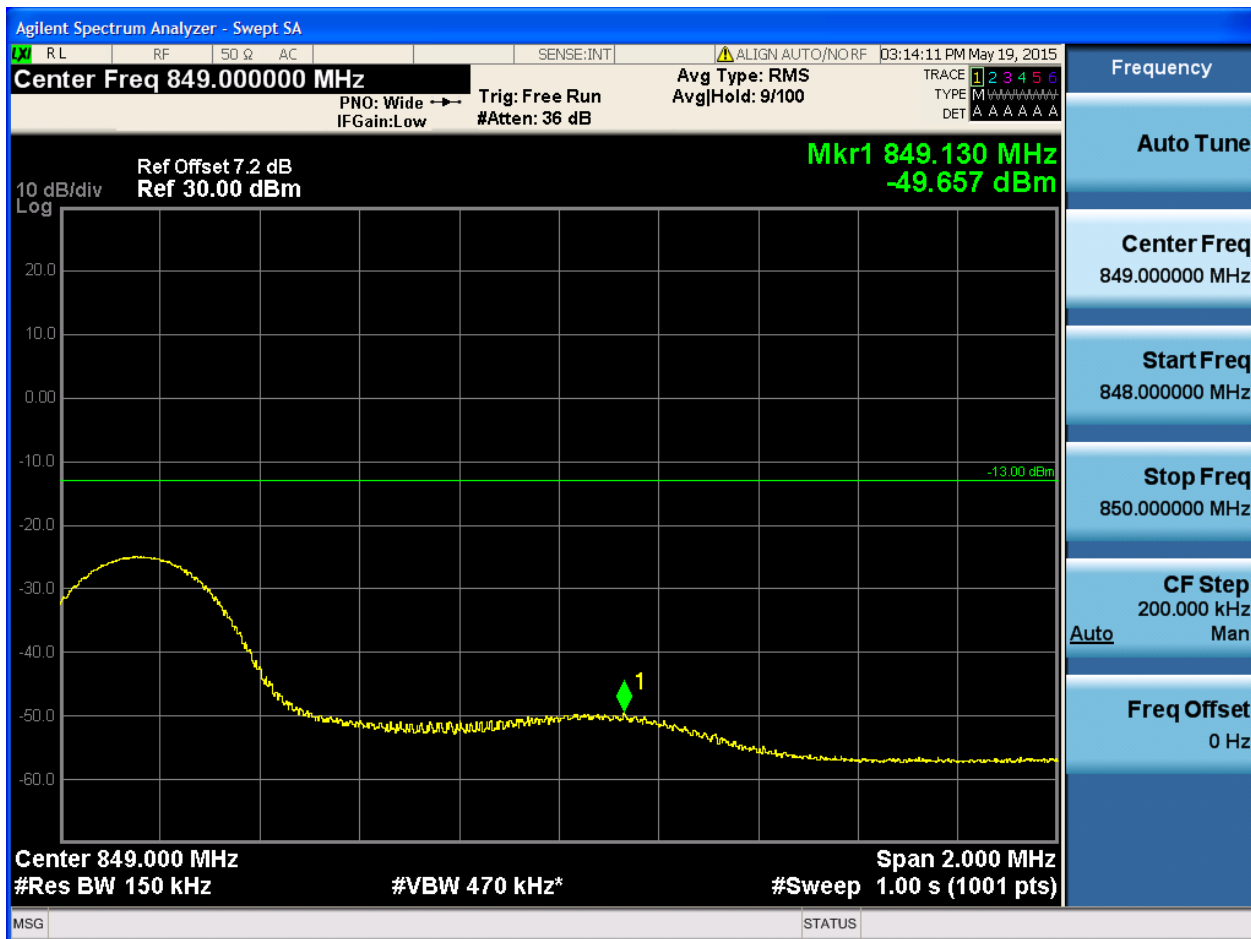
5.1.3.1.5.1.4 Test RB = RB75#0





5.1.3.1.5.2 Test Channel = HCH

5.1.3.1.5.2.1 Test RB = RB1#0





5.1.3.1.5.2.2 Test RB = RB1#74





5.1.3.1.5.2.3 Test RB = RB38#19





5.1.3.1.5.2.4 Test RB = RB75#0



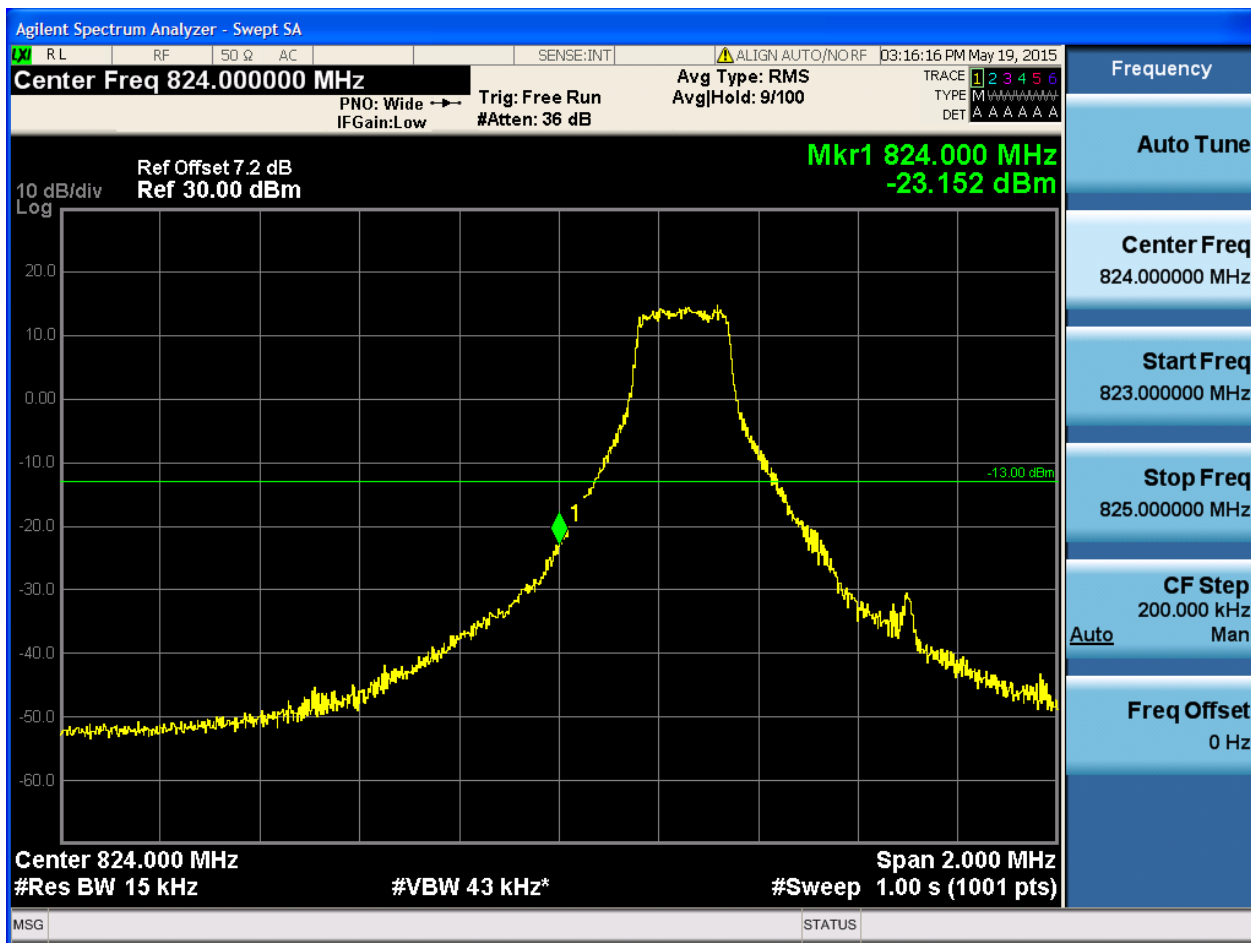


5.1.3.2 Test Mode = LTE/TM2

5.1.3.2.1 Test Bandwidth = 1.4

5.1.3.2.1.1 Test Channel = LCH

5.1.3.2.1.1.1 Test RB = RB1#0



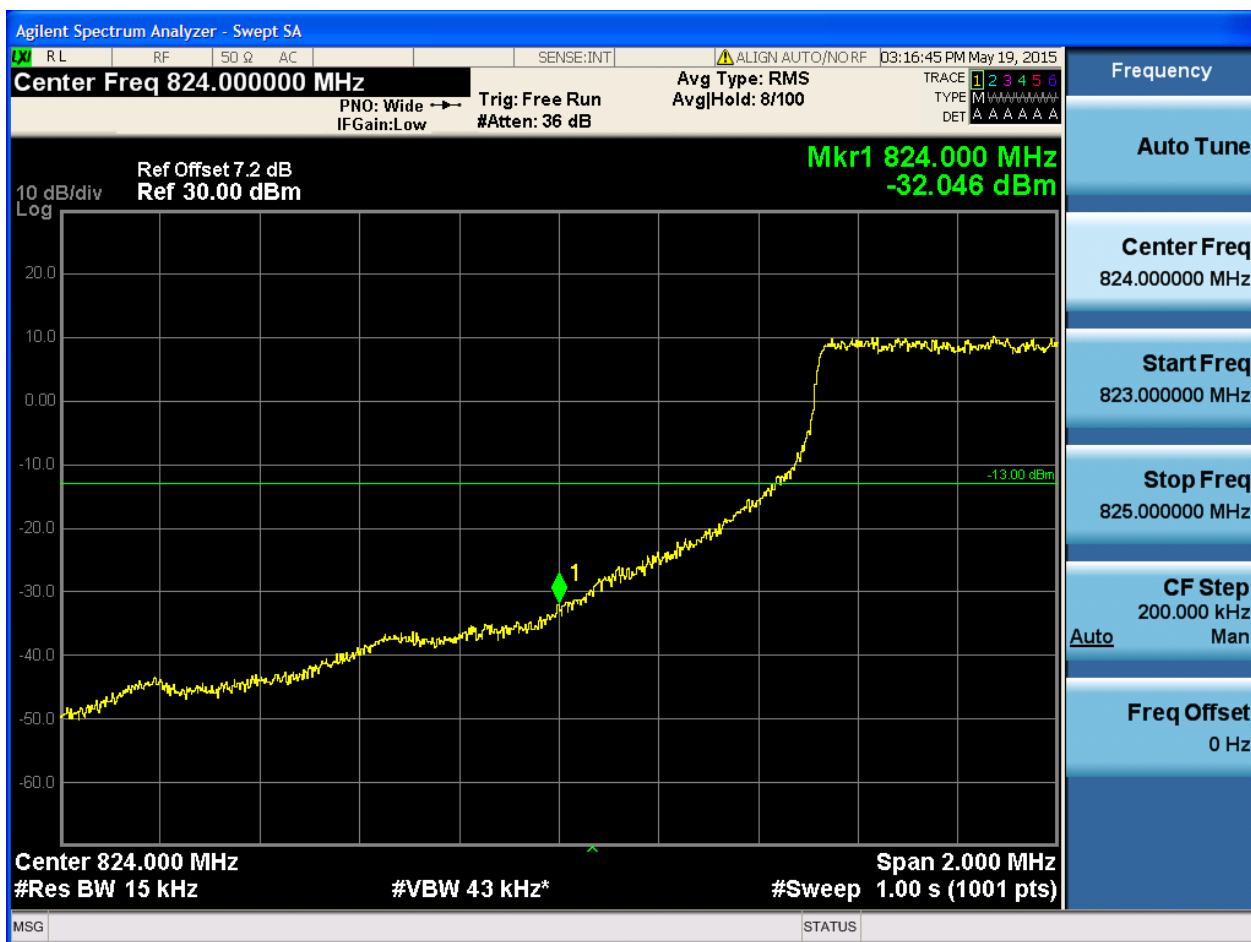


5.1.3.2.1.1.2 Test RB = RB1#5



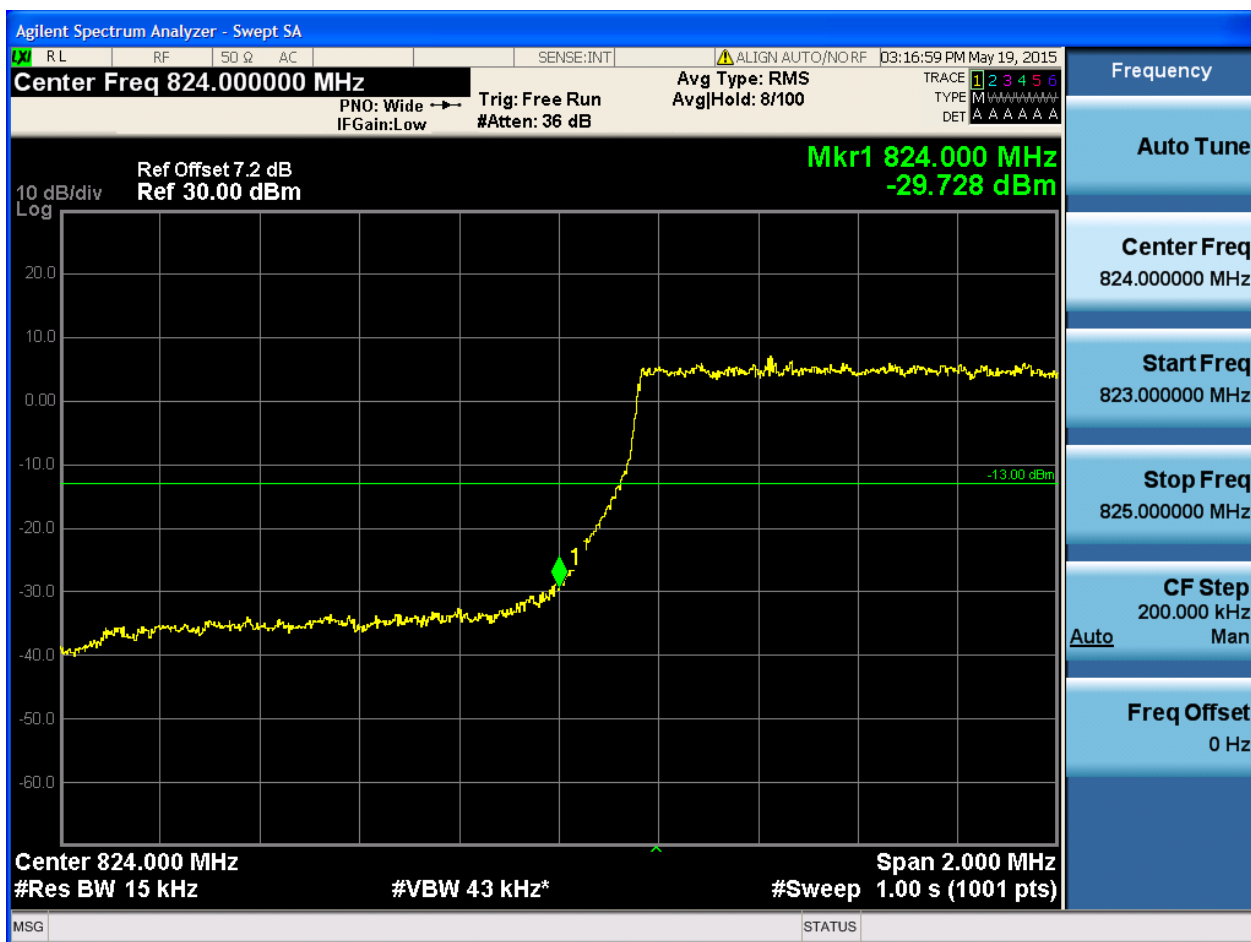


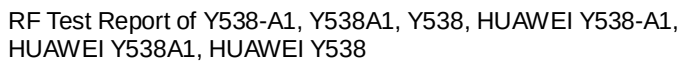
5.1.3.2.1.1.3 Test RB = RB3#2



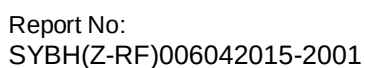


5.1.3.2.1.1.4 Test RB = RB6#0



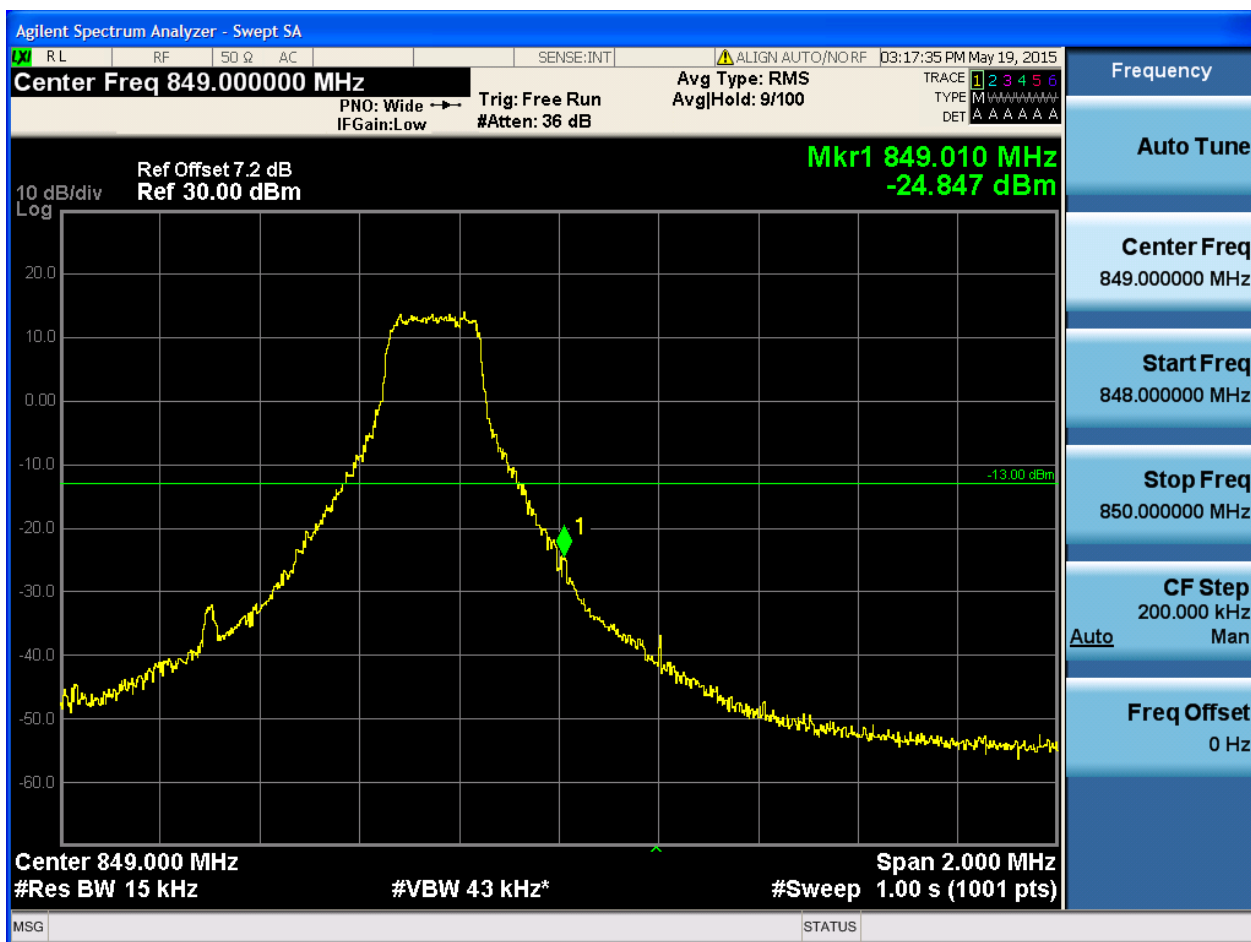


5.1.3.2.1.2.1 Test RB = RB1#0





5.1.3.2.1.2.2 Test RB = RB1#5





5.1.3.2.1.2.3 Test RB = RB3#2





5.1.3.2.1.2.4 Test RB = RB6#0

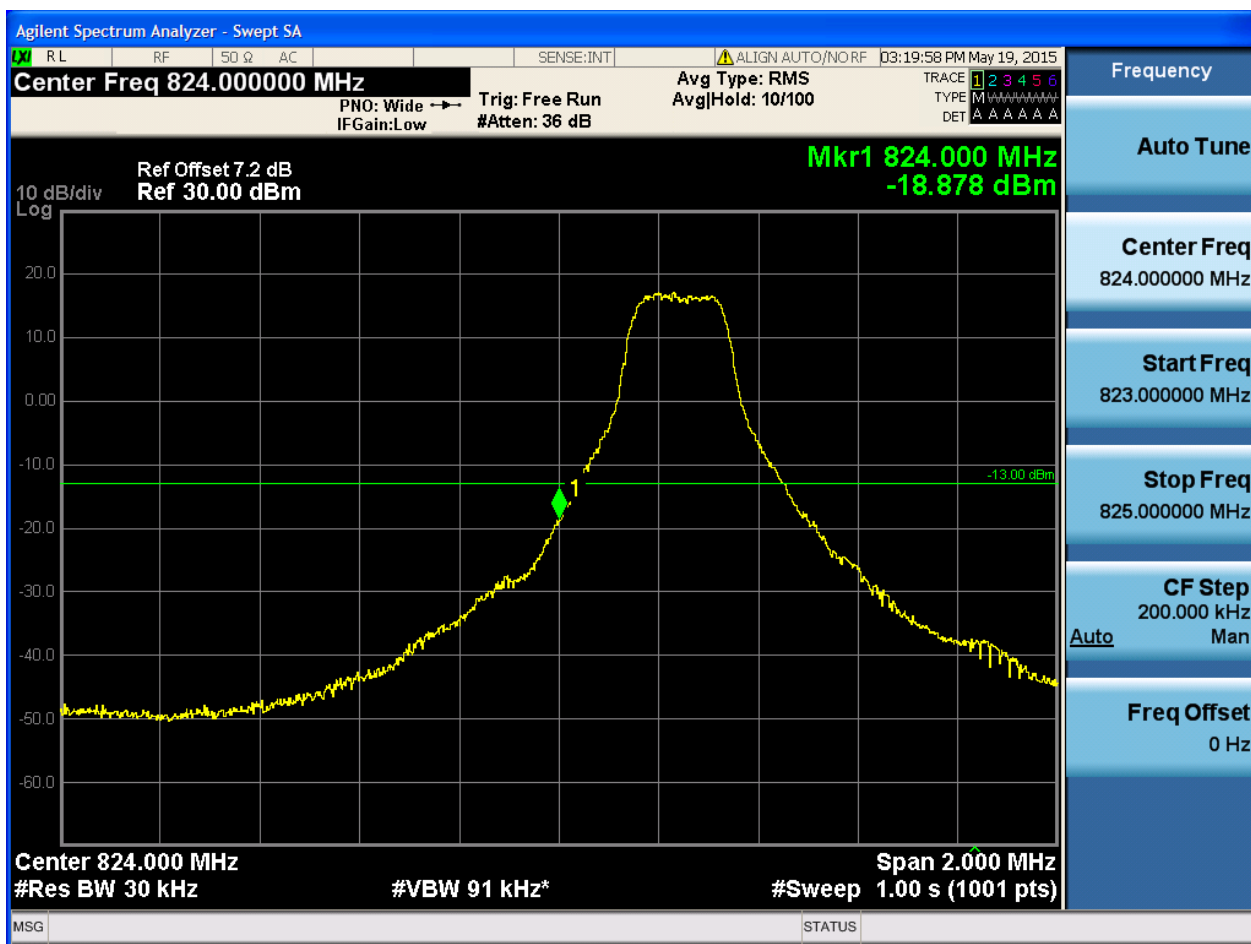




5.1.3.2.2 Test Bandwidth = 3

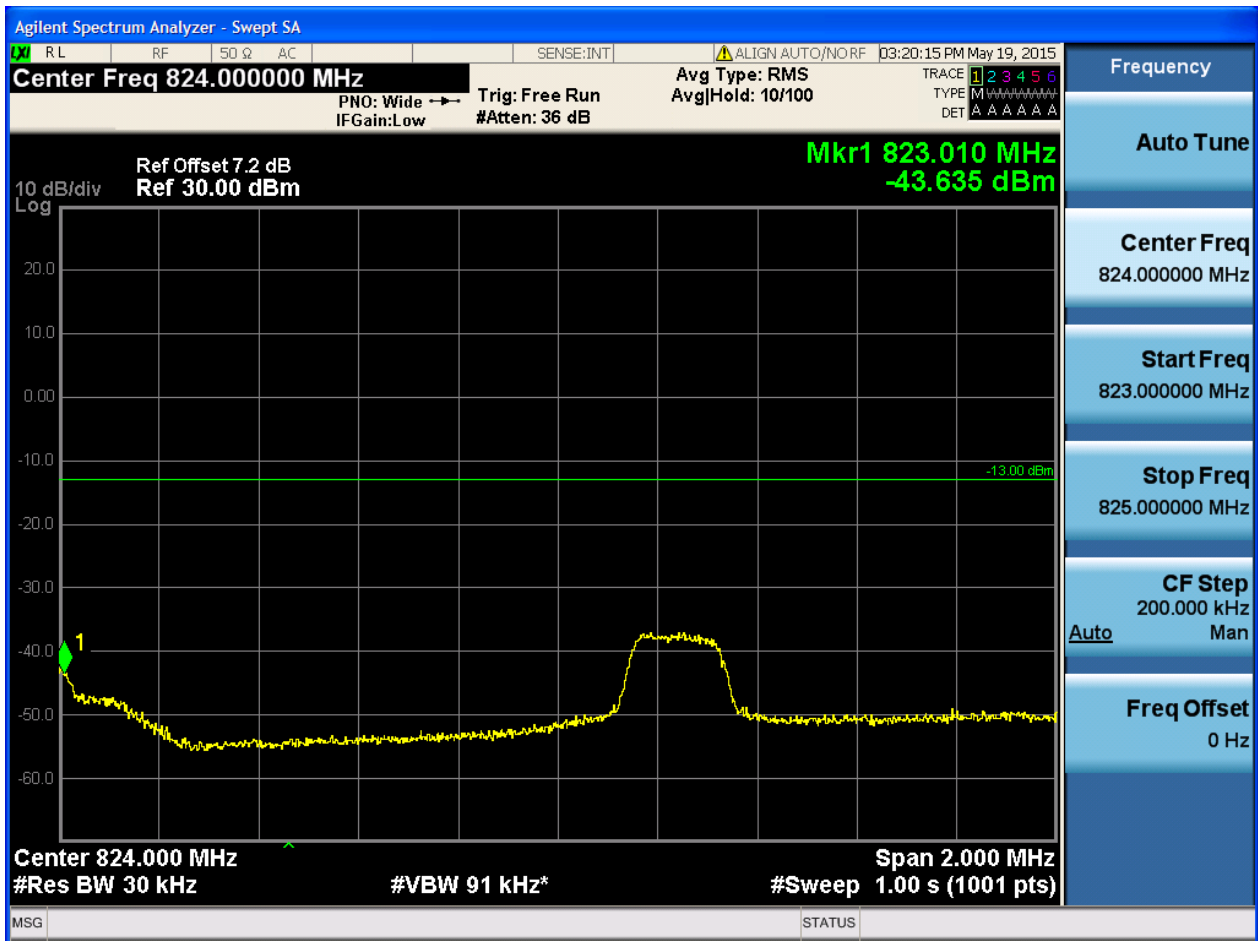
5.1.3.2.2.1 Test Channel = LCH

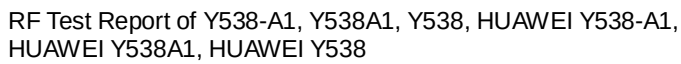
5.1.3.2.2.1.1 Test RB = RB1#0





5.1.3.2.2.1.2 Test RB = RB1#14





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.2 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 824.000 MHz
-32.934 dBm

Center 824.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

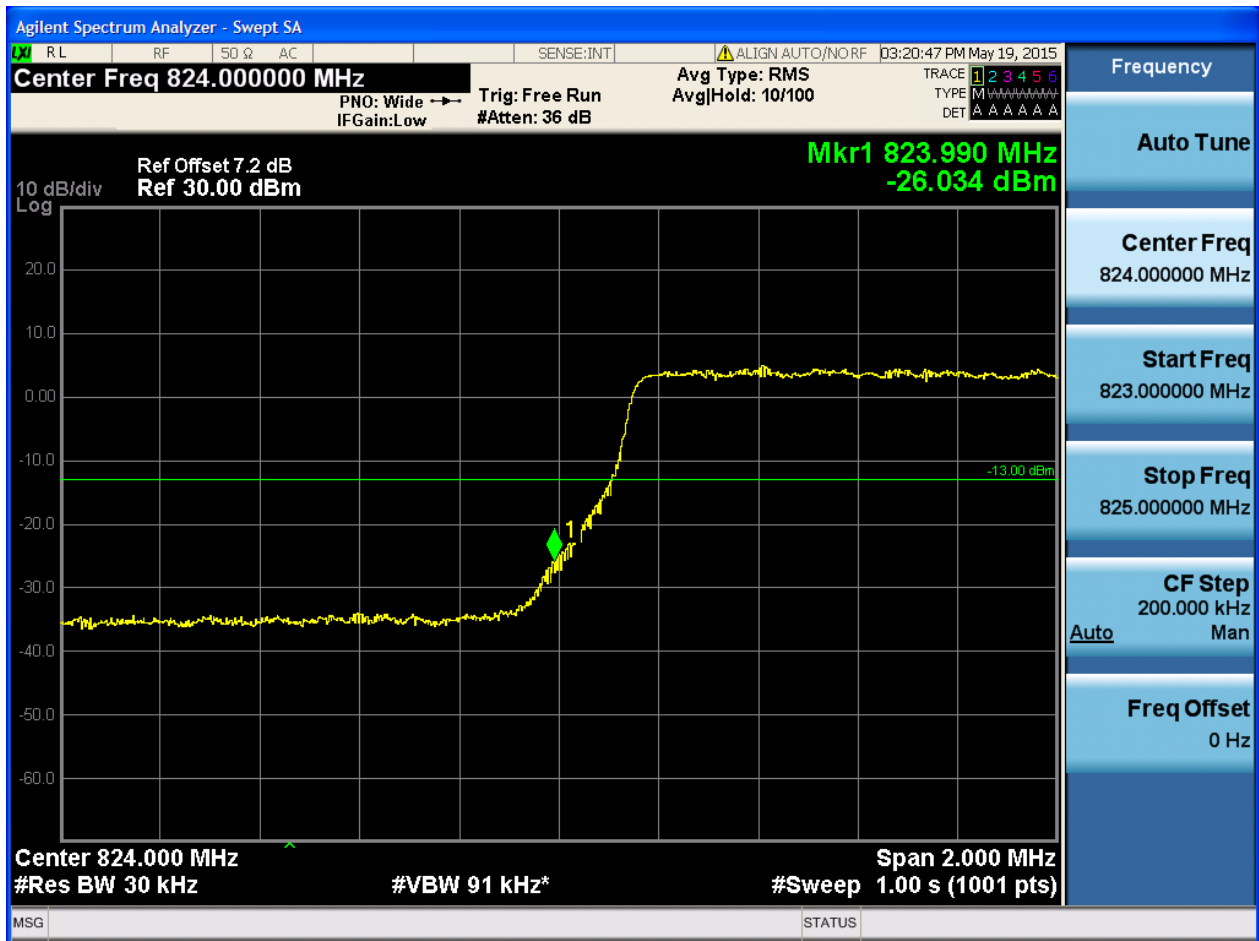
Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz



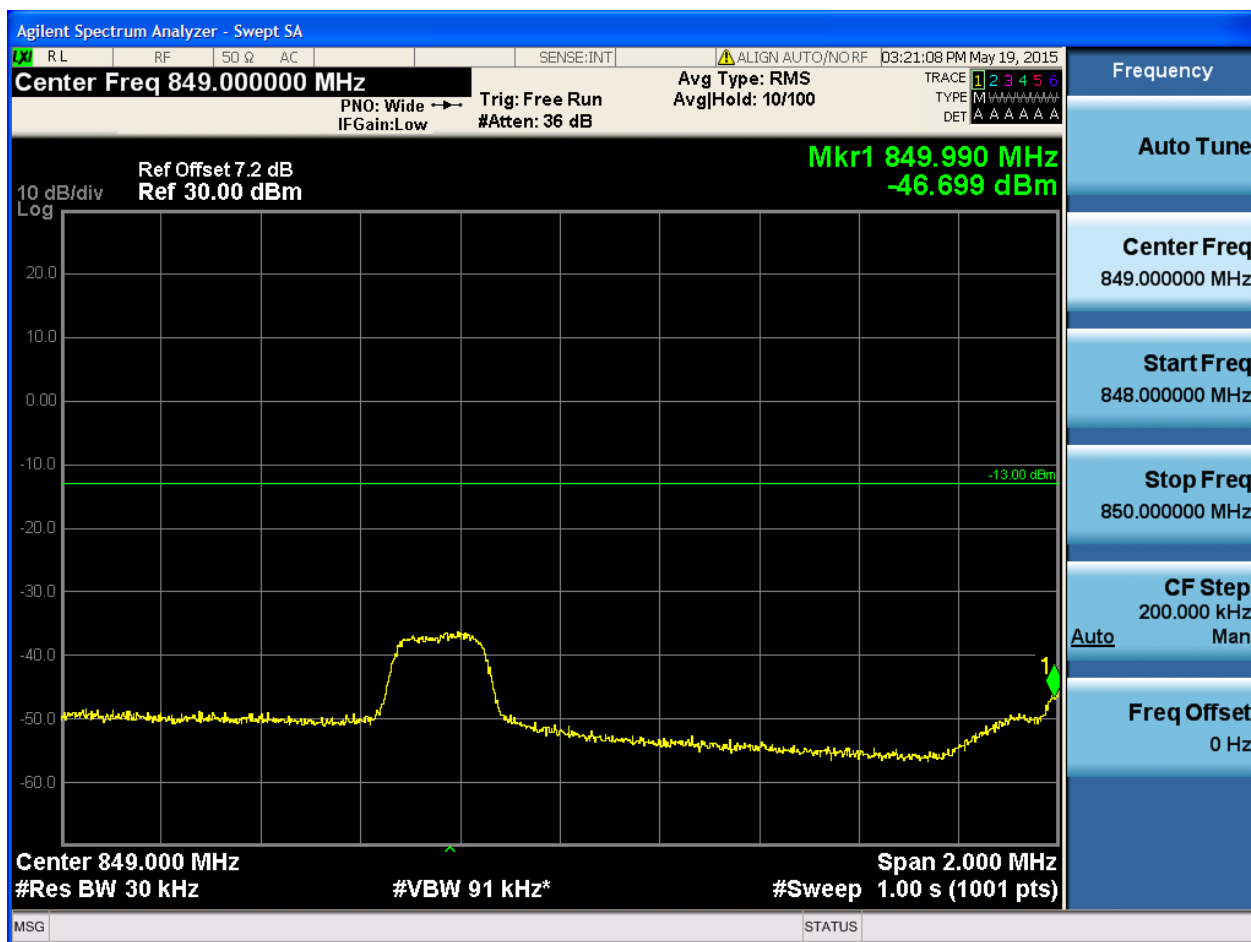
5.1.3.2.2.1.4 Test RB = RB15#0

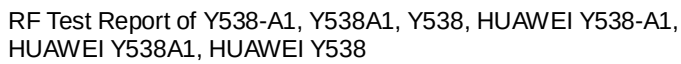




5.1.3.2.2.2 Test Channel = HCH

5.1.3.2.2.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.2 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 849.000 MHz
-16.522 dBm

Center 849.000 MHz
#Res BW 30 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Freq Offset
0 Hz

MSG STATUS



5.1.3.2.2.3 Test RB = RB8#4





5.1.3.2.2.4 Test RB = RB15#0

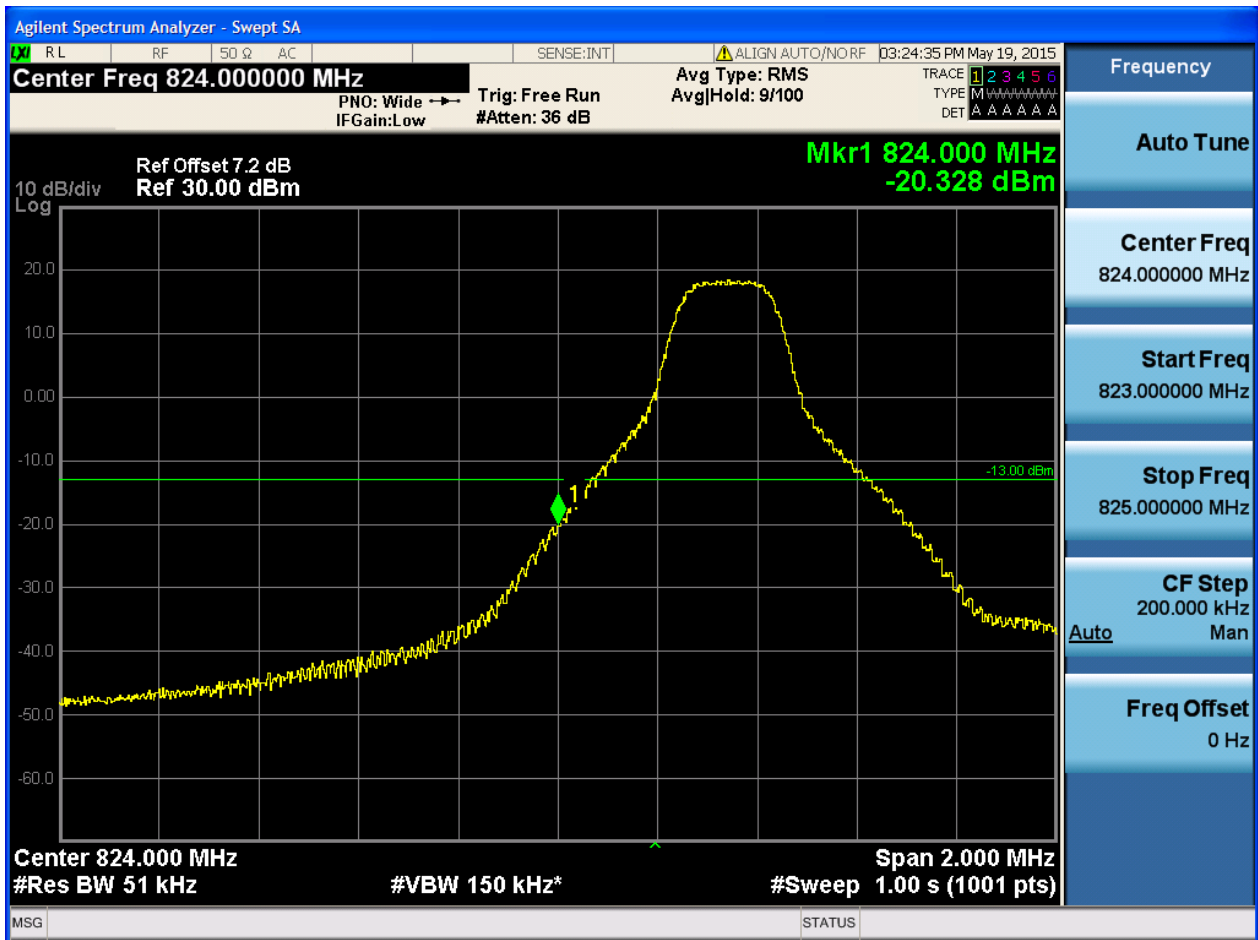




5.1.3.2.3 Test Bandwidth = 5

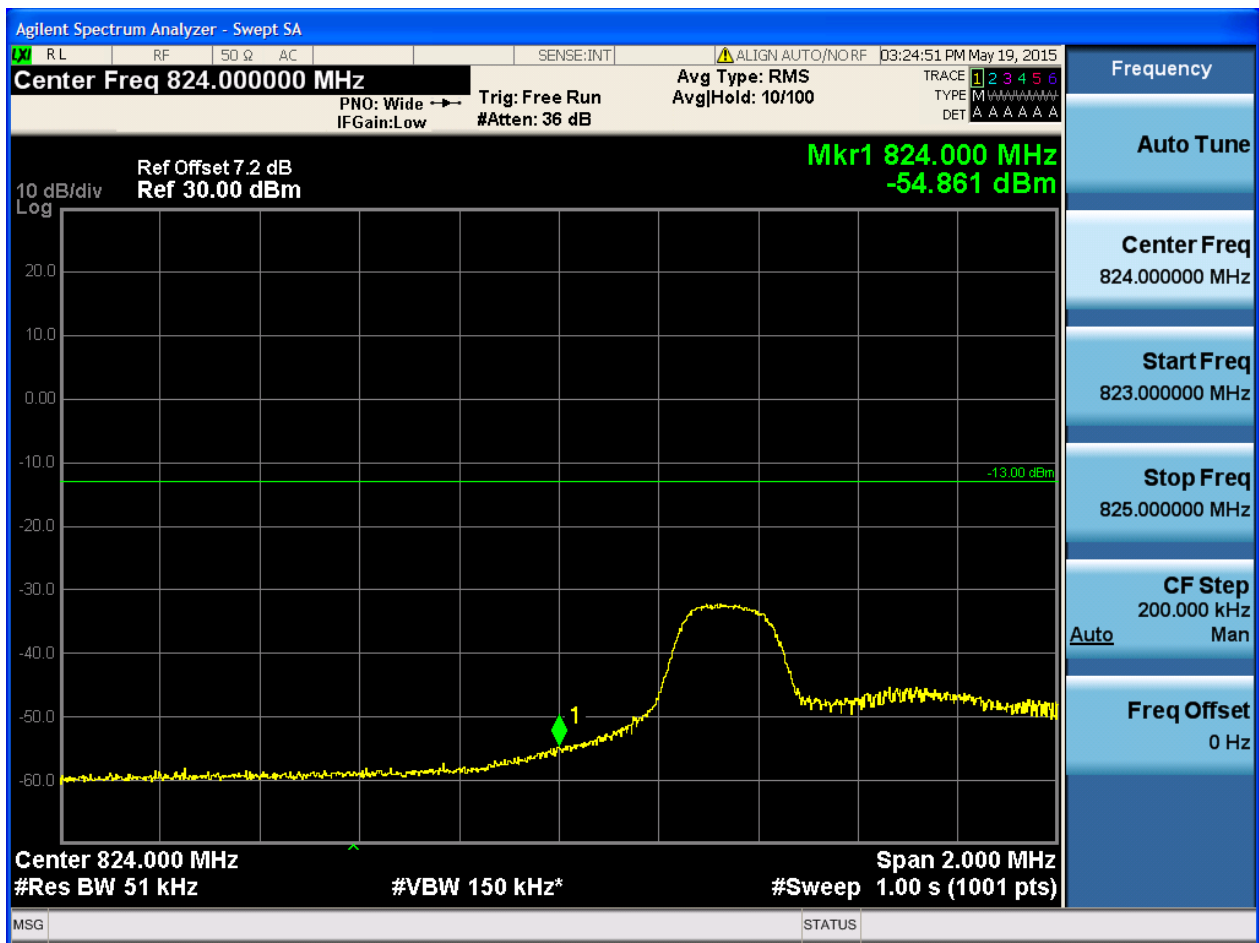
5.1.3.2.3.1 Test Channel = LCH

5.1.3.2.3.1.1 Test RB = RB1#0



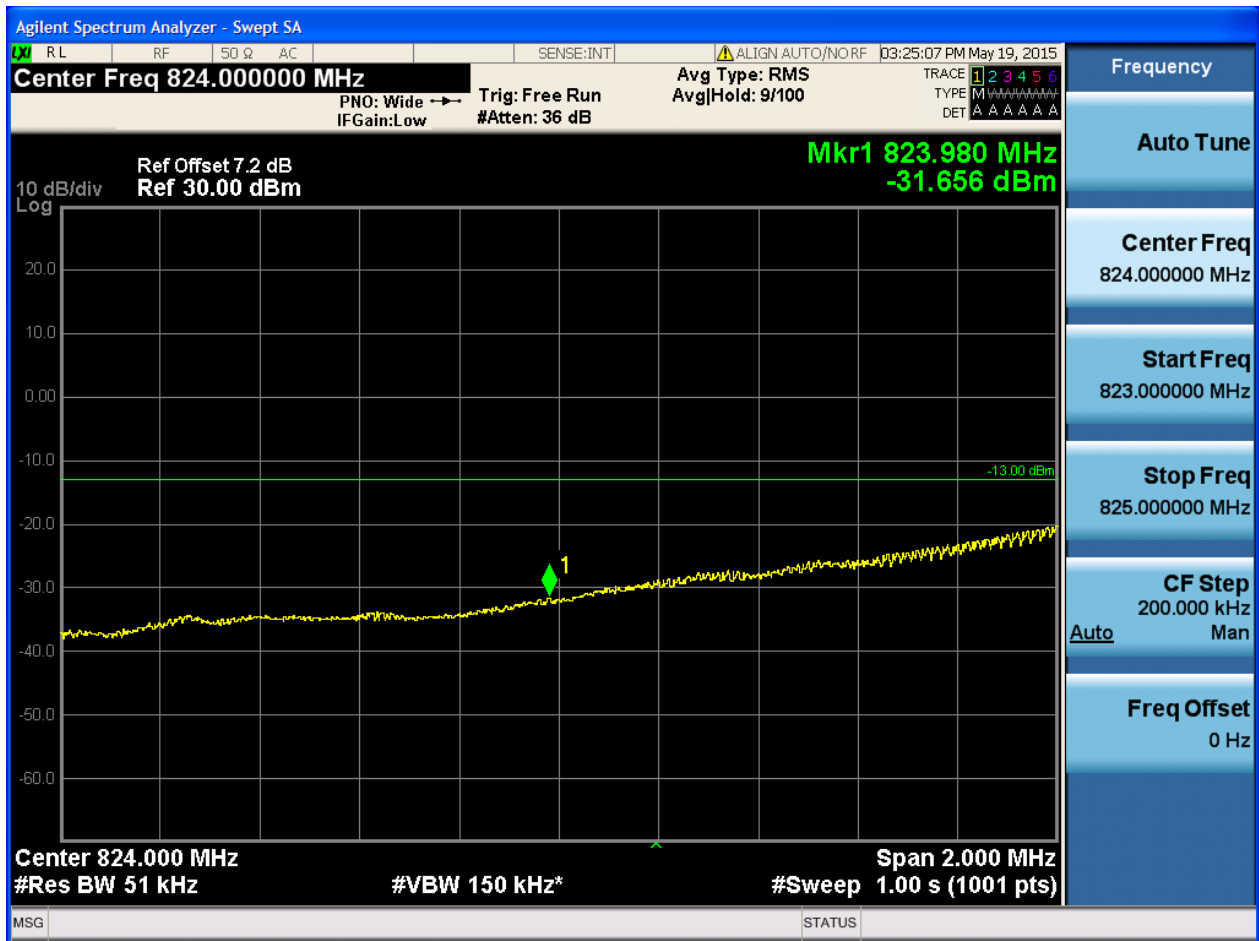


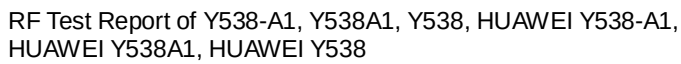
5.1.3.2.3.1.2 Test RB = RB1#24





5.1.3.2.3.1.3 Test RB = RB12#6





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.2 dB
Ref 30.00 dBm

10 dB/div
Log

Center 824.000 MHz
#Res BW 51 kHz

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Trig: Free Run
#Atten: 36 dB

Avg Type: RMS
Avg/Hold: 10/100

ALIGN AUTO/NORF

03:25:22 PM May 19, 2015

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

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 824.000 MHz
-26.947 dBm

-13.00 dBm

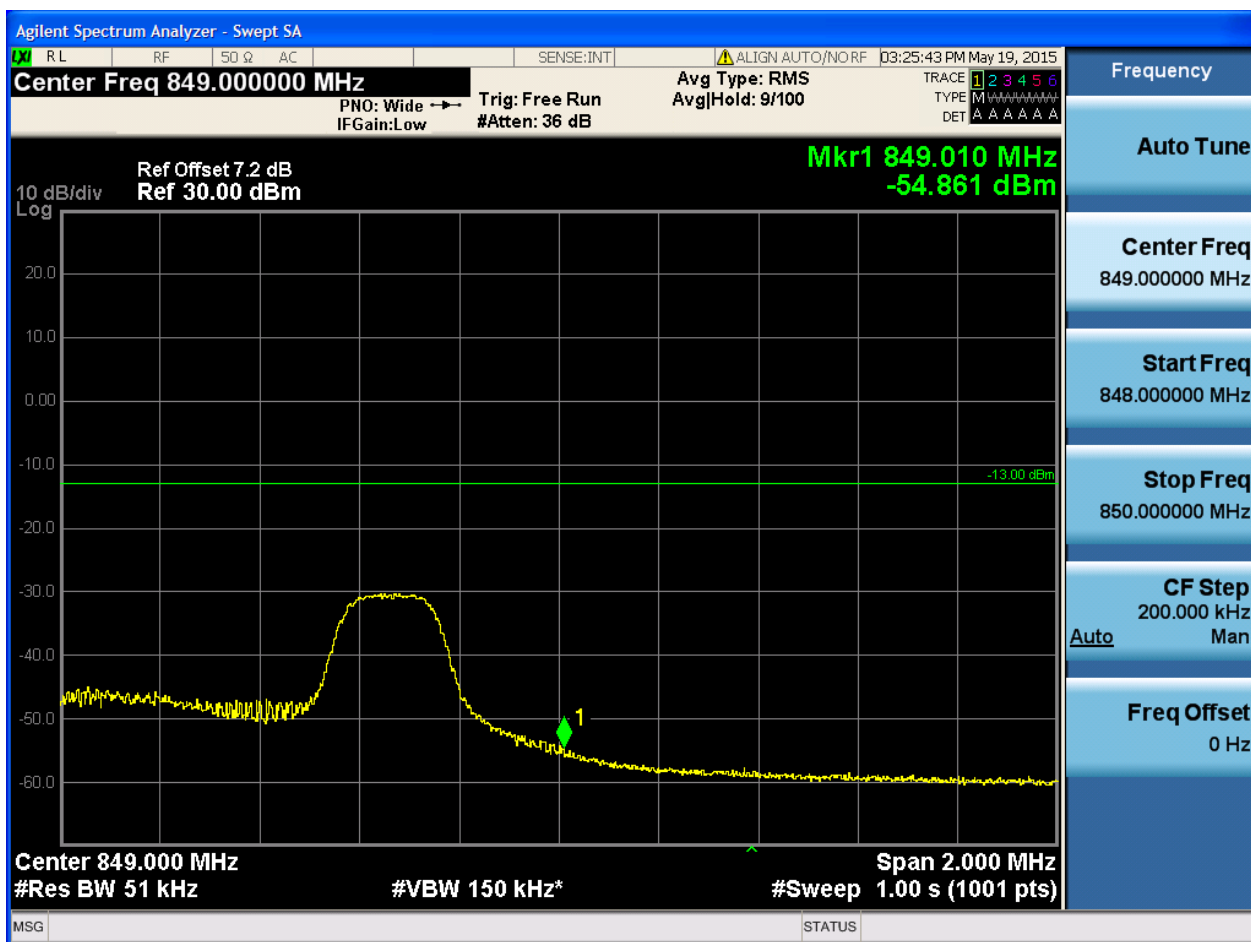
1

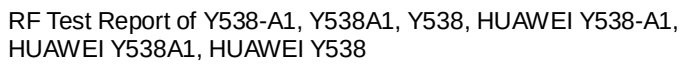
MSG STATUS



5.1.3.2.3.2 Test Channel = HCH

5.1.3.2.3.2.1 Test RB = RB1#0





Agilent Spectrum Analyzer - Swept SA

Center Freq 849.000000 MHz

Ref Offset 7.2 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

03:25:59 PM May 19, 2015

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

Auto Tune

Center Freq
849.000000 MHz

Start Freq
848.000000 MHz

Stop Freq
850.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz

Mkr1 849.000 MHz
-22.041 dBm

-13.00 dBm

Center 849.000 MHz
#Res BW 51 kHz

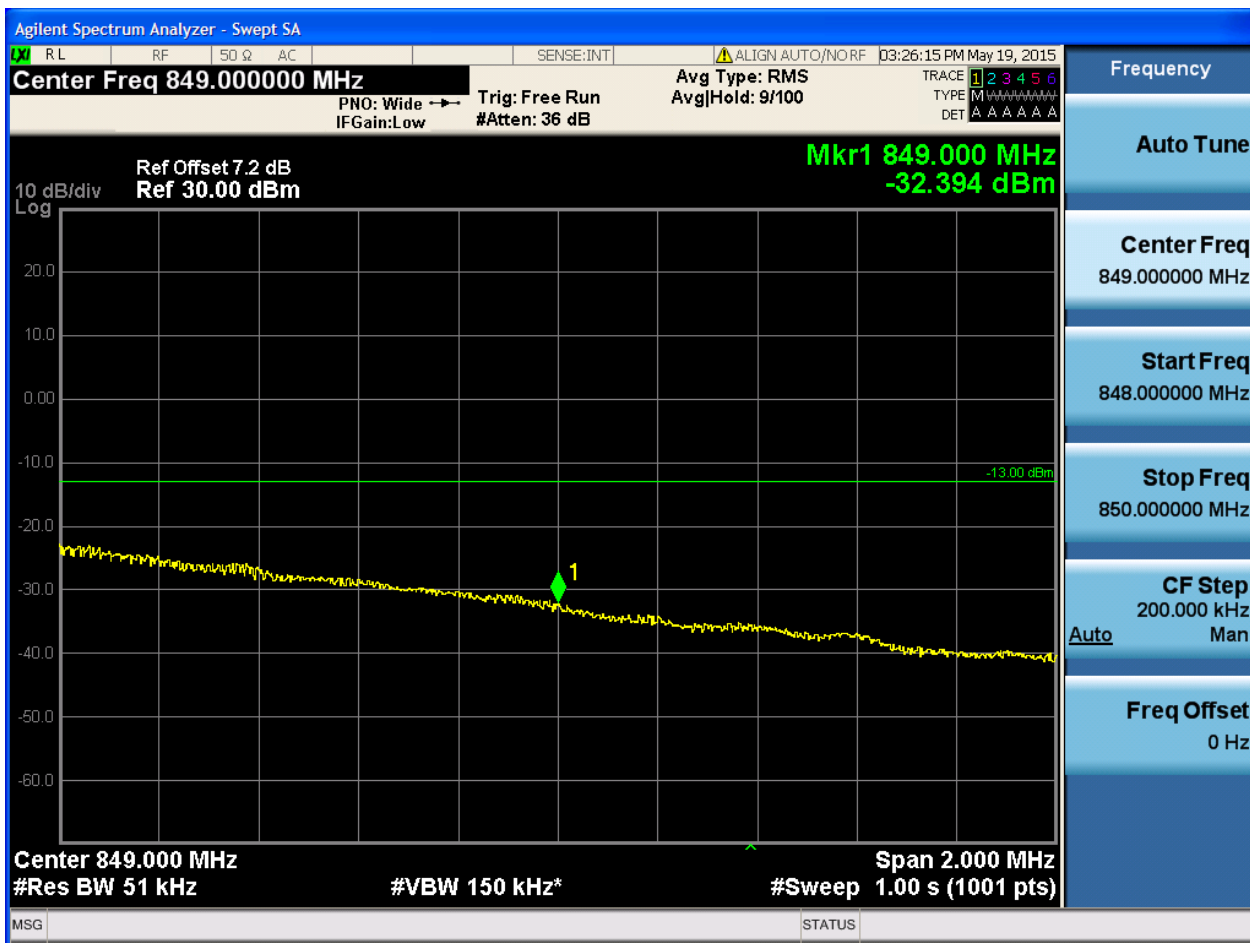
#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

MSG STATUS



5.1.3.2.3.2.3 Test RB = RB12#6





5.1.3.2.3.2.4 Test RB = RB25#0

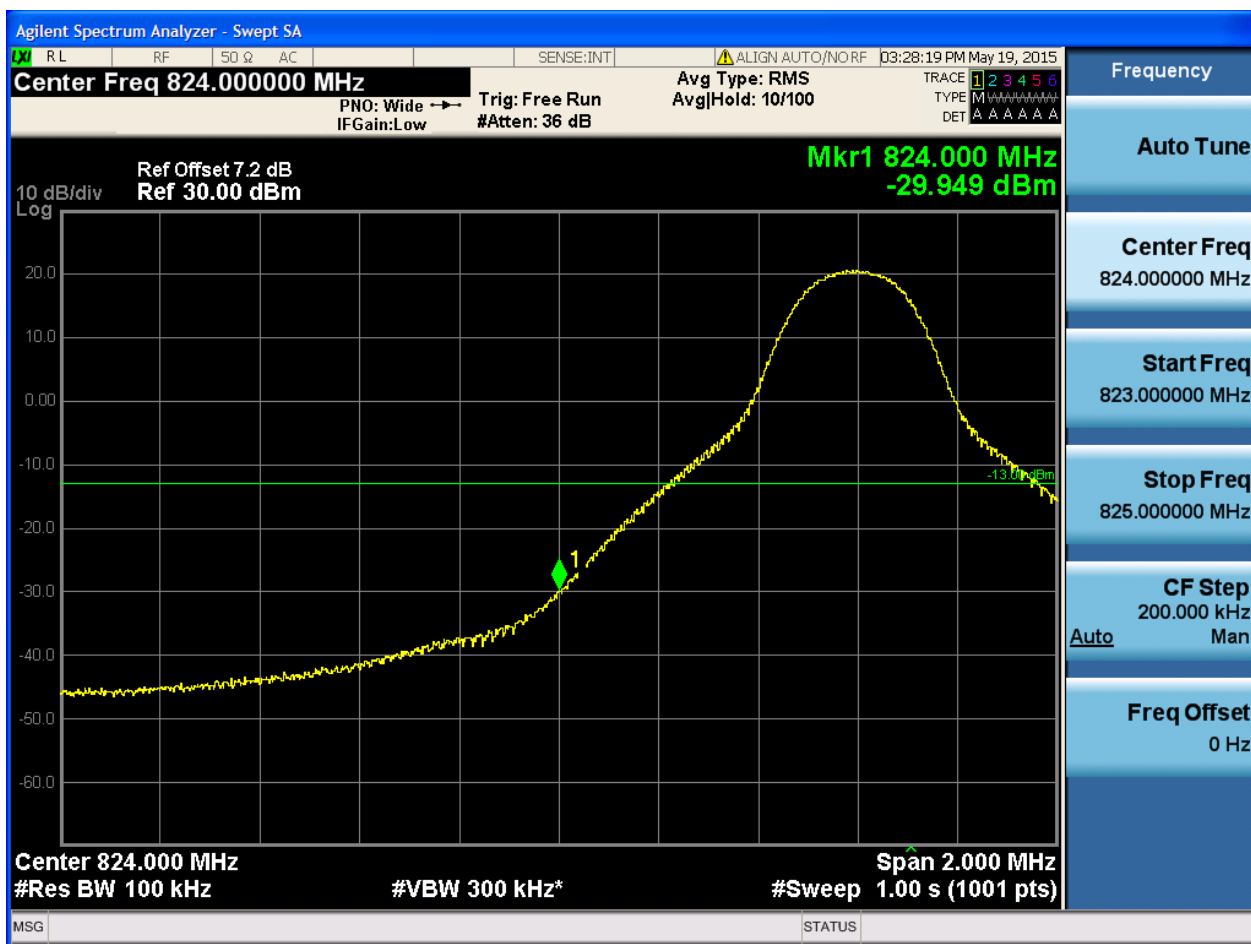




5.1.3.2.4 Test Bandwidth = 10

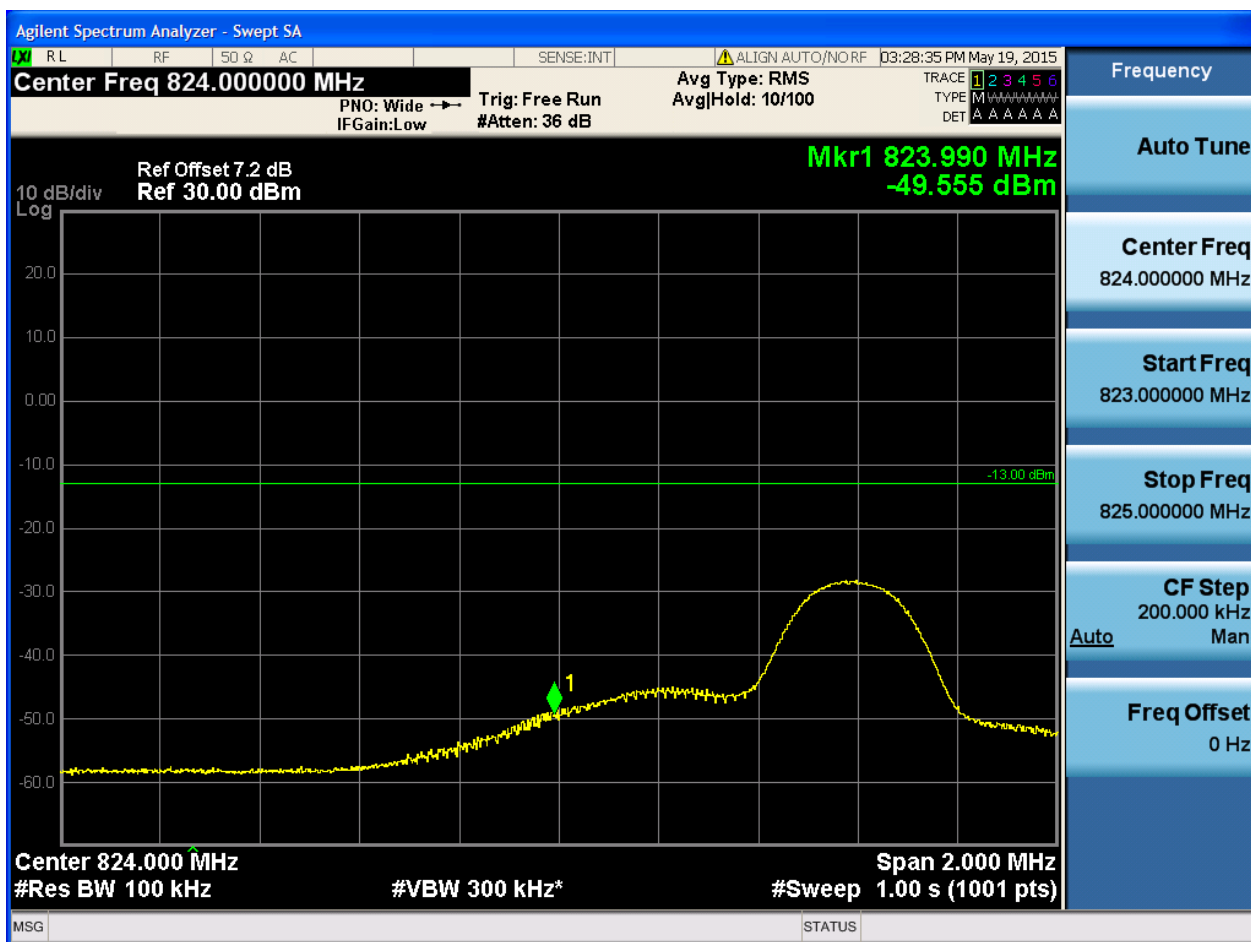
5.1.3.2.4.1 Test Channel = LCH

5.1.3.2.4.1.1 Test RB = RB1#0



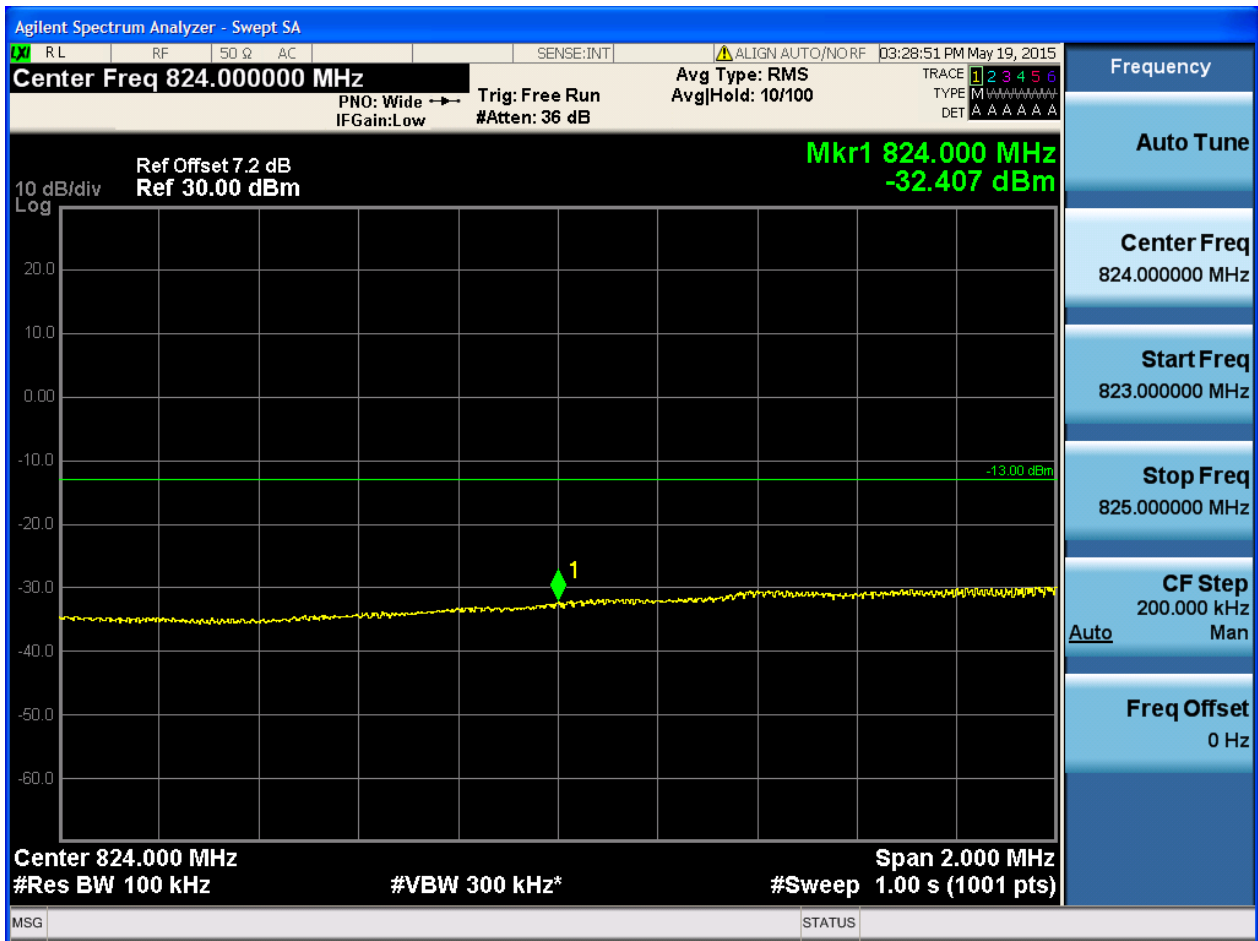


5.1.3.2.4.1.2 Test RB = RB1#49



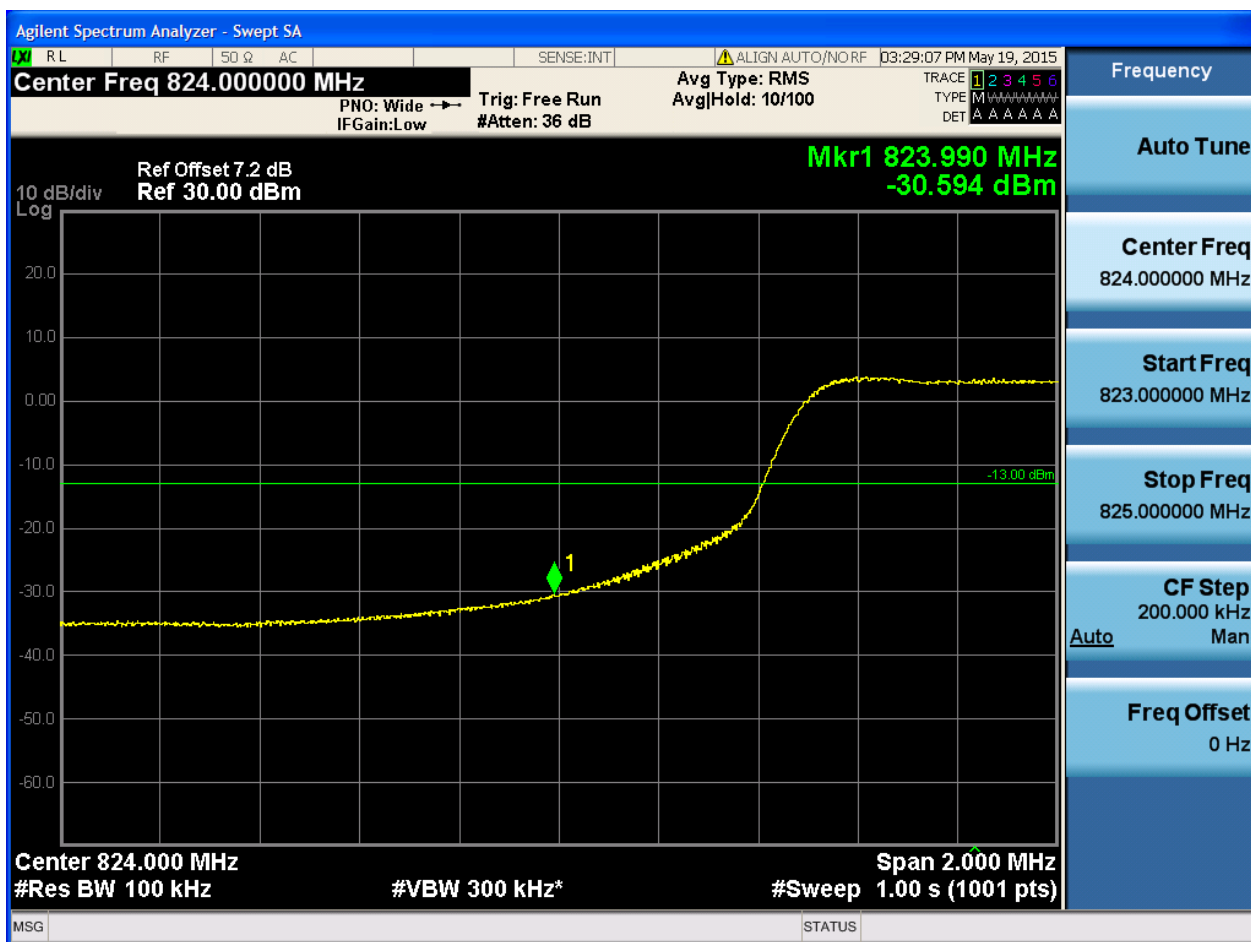


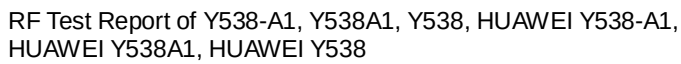
5.1.3.2.4.1.3 Test RB = RB25#13





5.1.3.2.4.1.4 Test RB = RB50#0

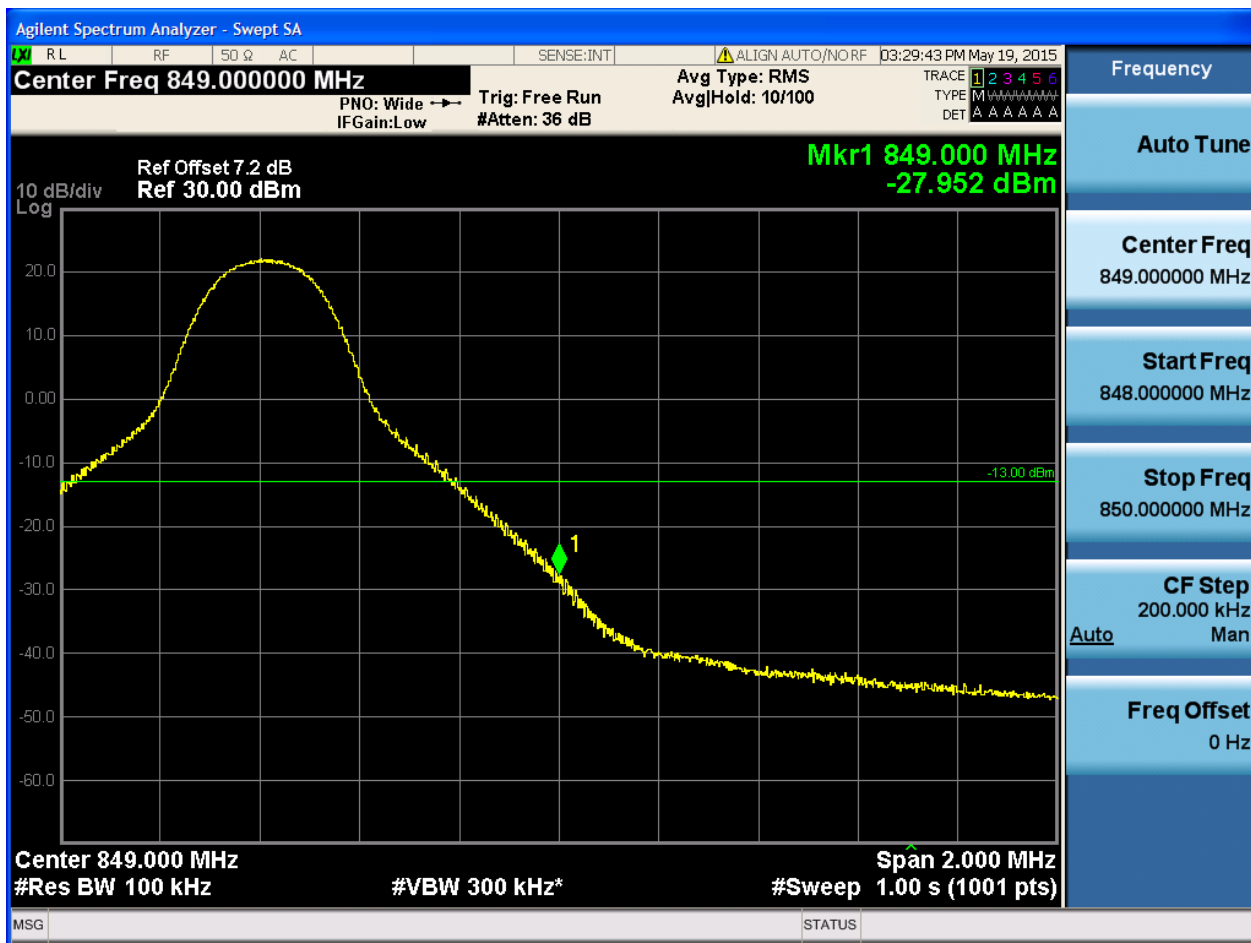




5.1.3.2.4.2.1 Test RB = RB1#0



5.1.3.2.4.2.2 Test RB = RB1#49





5.1.3.2.4.2.3 Test RB = RB25#13





5.1.3.2.4.2.4 Test RB = RB50#0

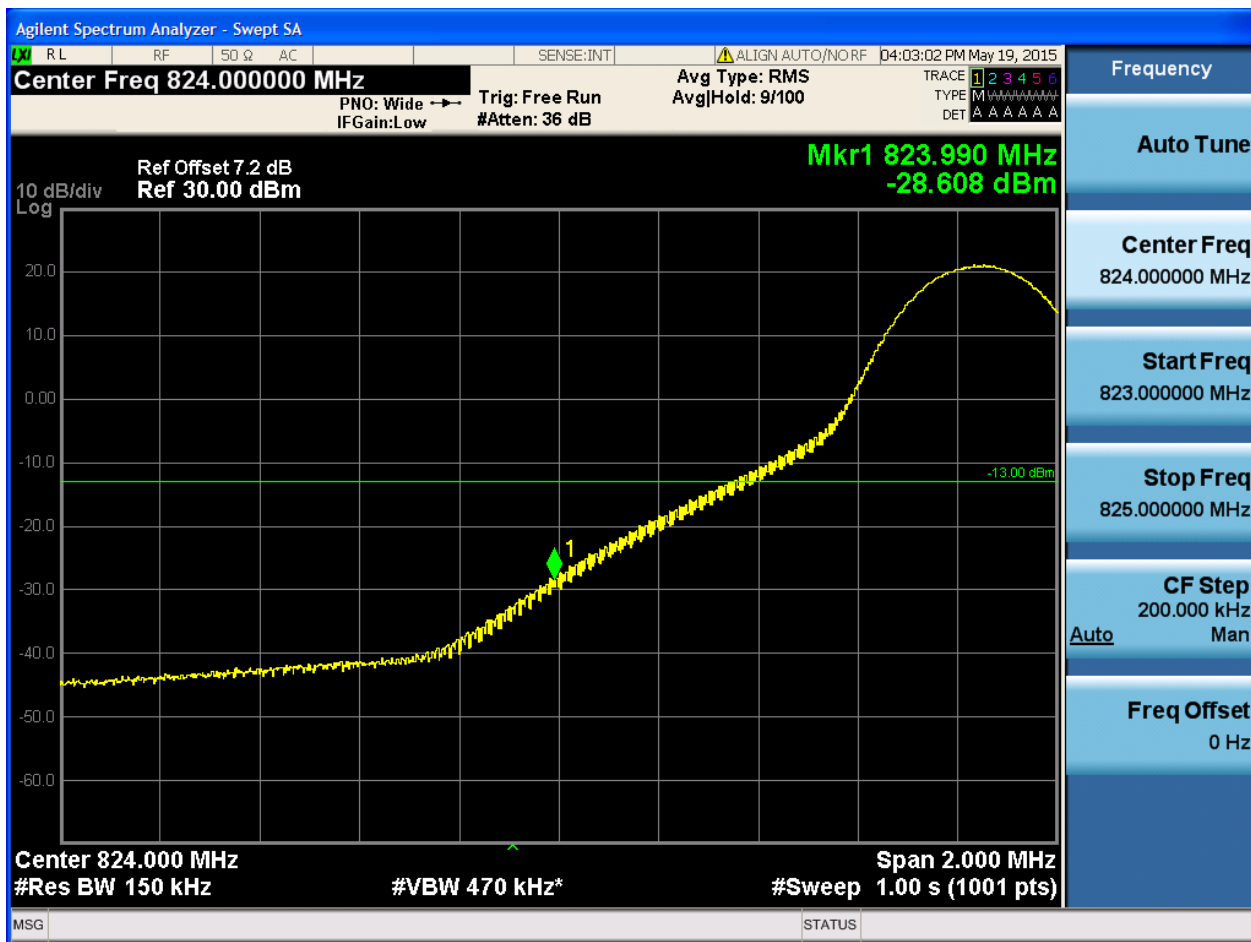




5.1.3.2.5 Test Bandwidth = 15

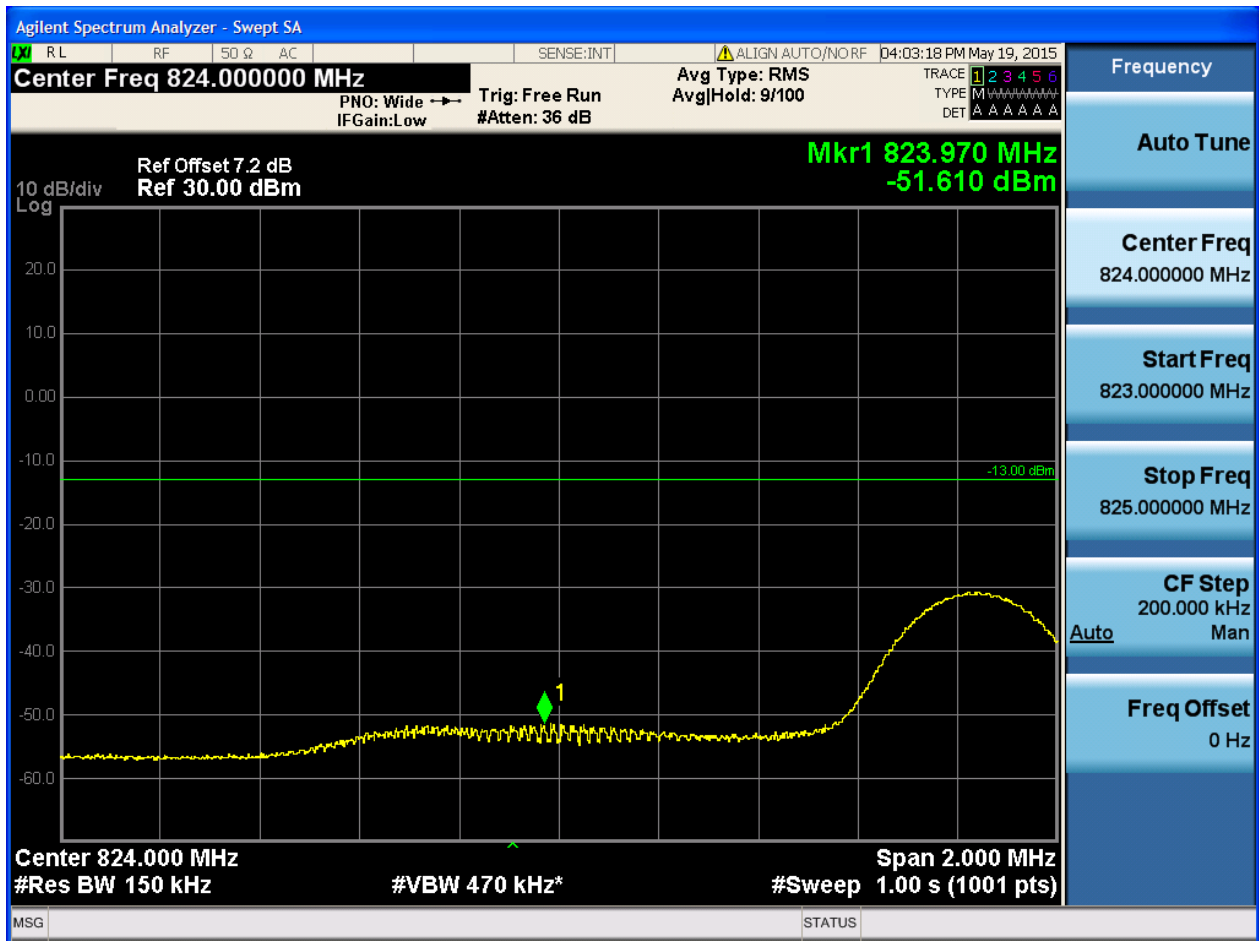
5.1.3.2.5.1 Test Channel = LCH

5.1.3.2.5.1.1 Test RB = RB1#0





5.1.3.2.5.1.2 Test RB = RB1#74





5.1.3.2.5.1.3 Test RB = RB38#19





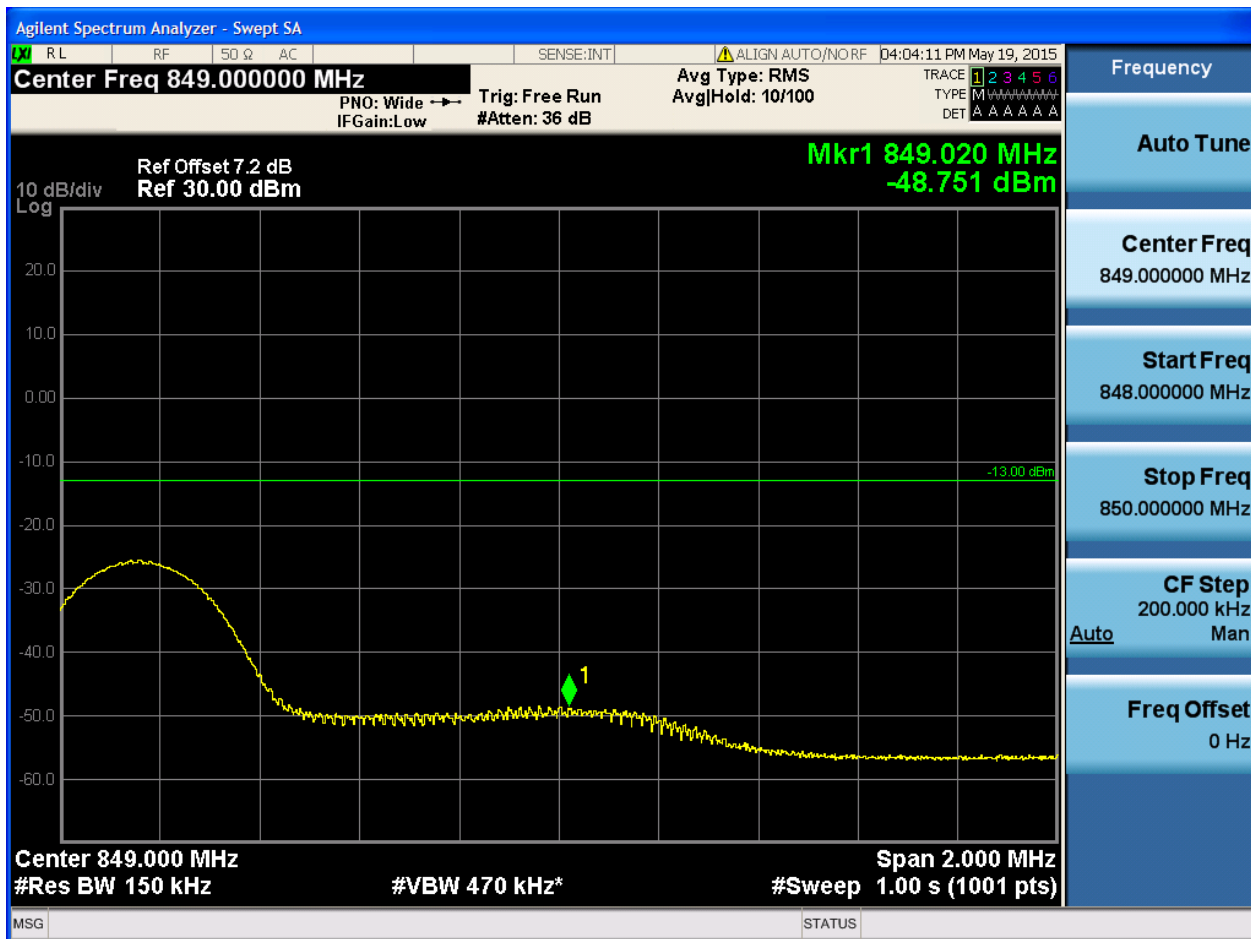
5.1.3.2.5.1.4 Test RB = RB75#0





5.1.3.2.5.2 Test Channel = HCH

5.1.3.2.5.2.1 Test RB = RB1#0





5.1.3.2.5.2.2 Test RB = RB1#74



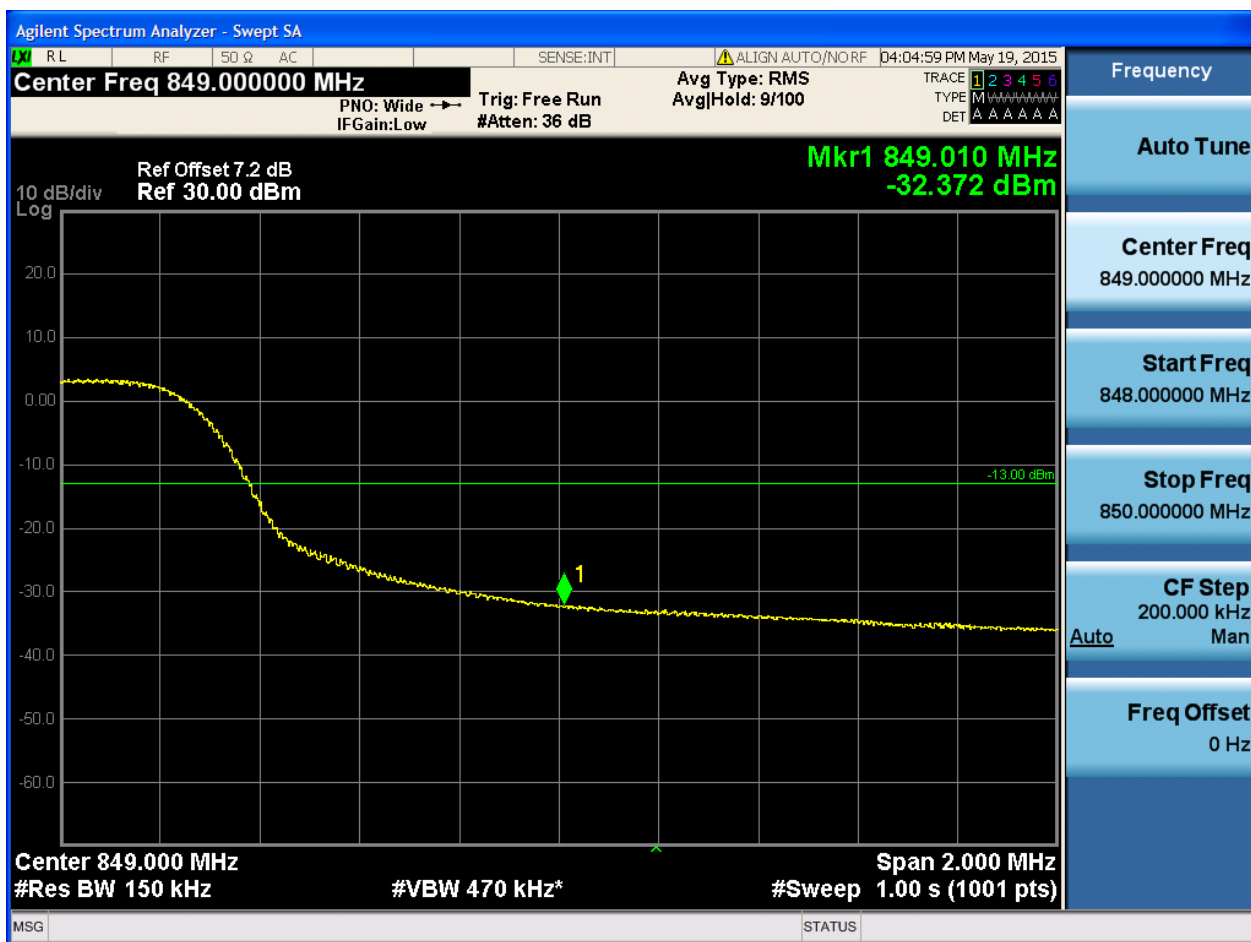


5.1.3.2.5.2.3 Test RB = RB38#19





5.1.3.2.5.2.4 Test RB = RB75#0





6Appendix_F: Spurious Emission at Antenna Terminal

NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

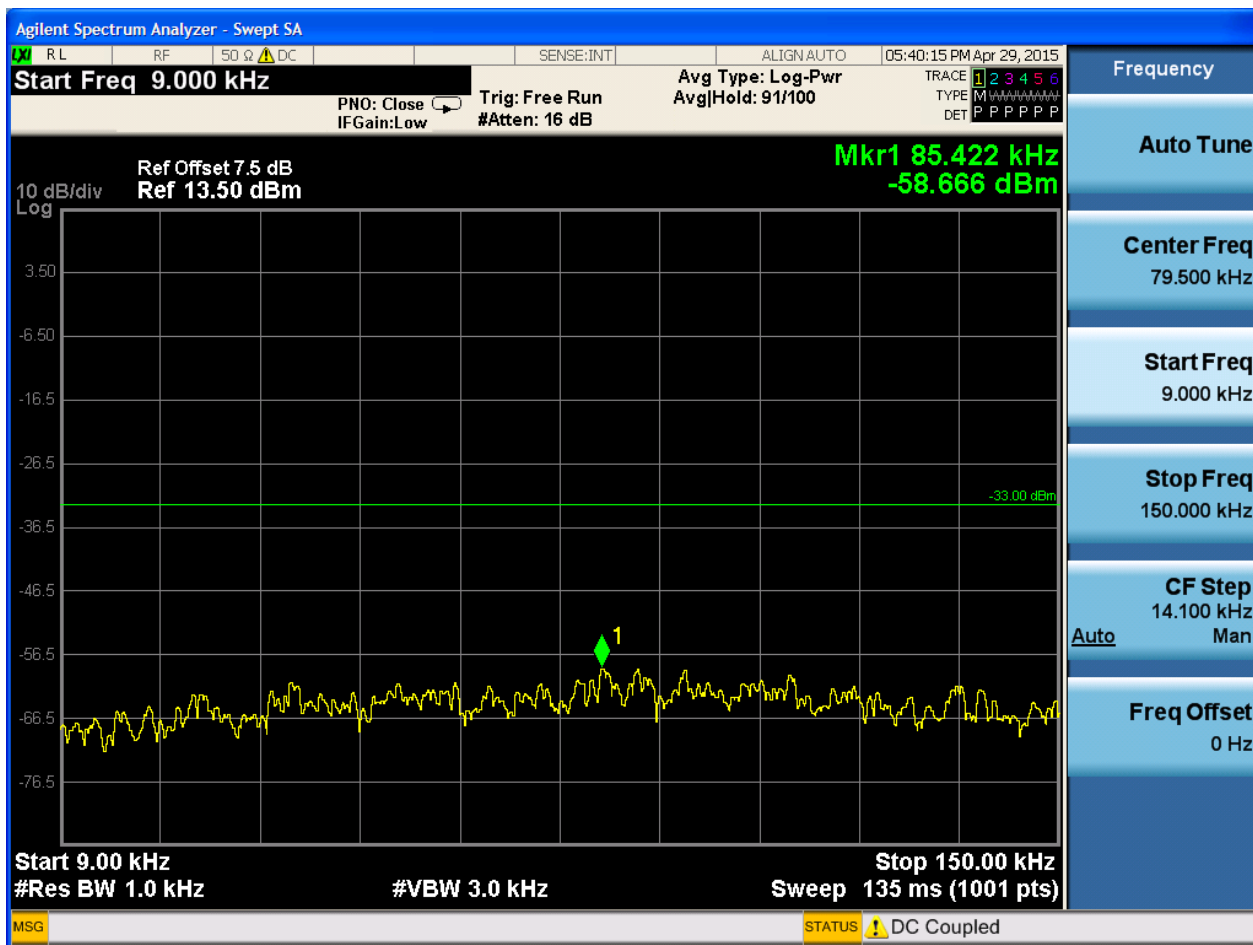
6.1.1 Test Band = BAND26

6.1.1.1 Test Mode = LTE/TM1

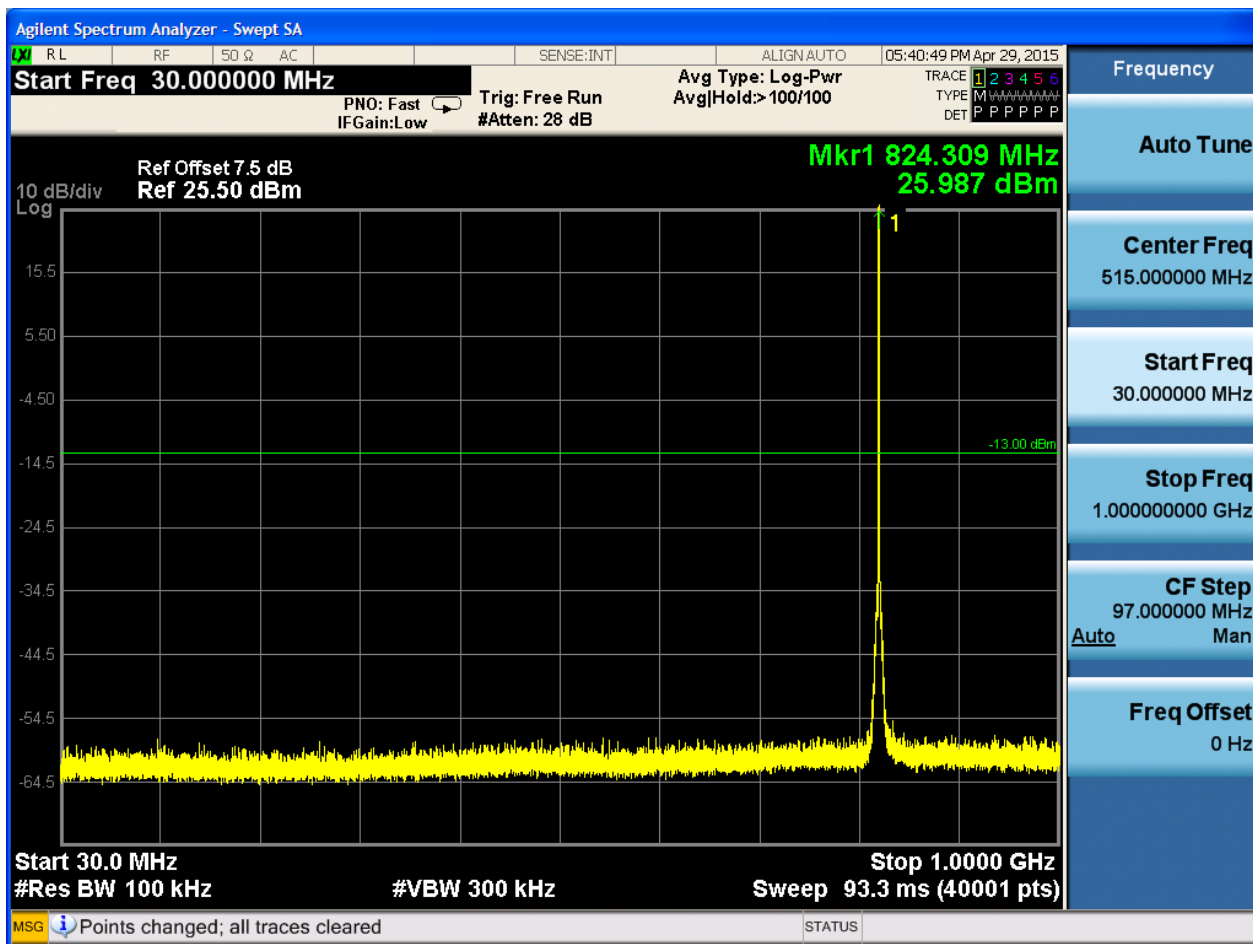
6.1.1.1.1 Test Bandwidth = 1.4

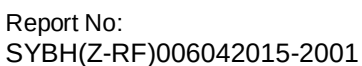
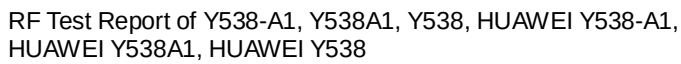
6.1.1.1.1.1 Test Channel = LCH

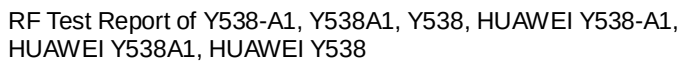
6.1.1.1.1.1.1 Test RB = RB1#0



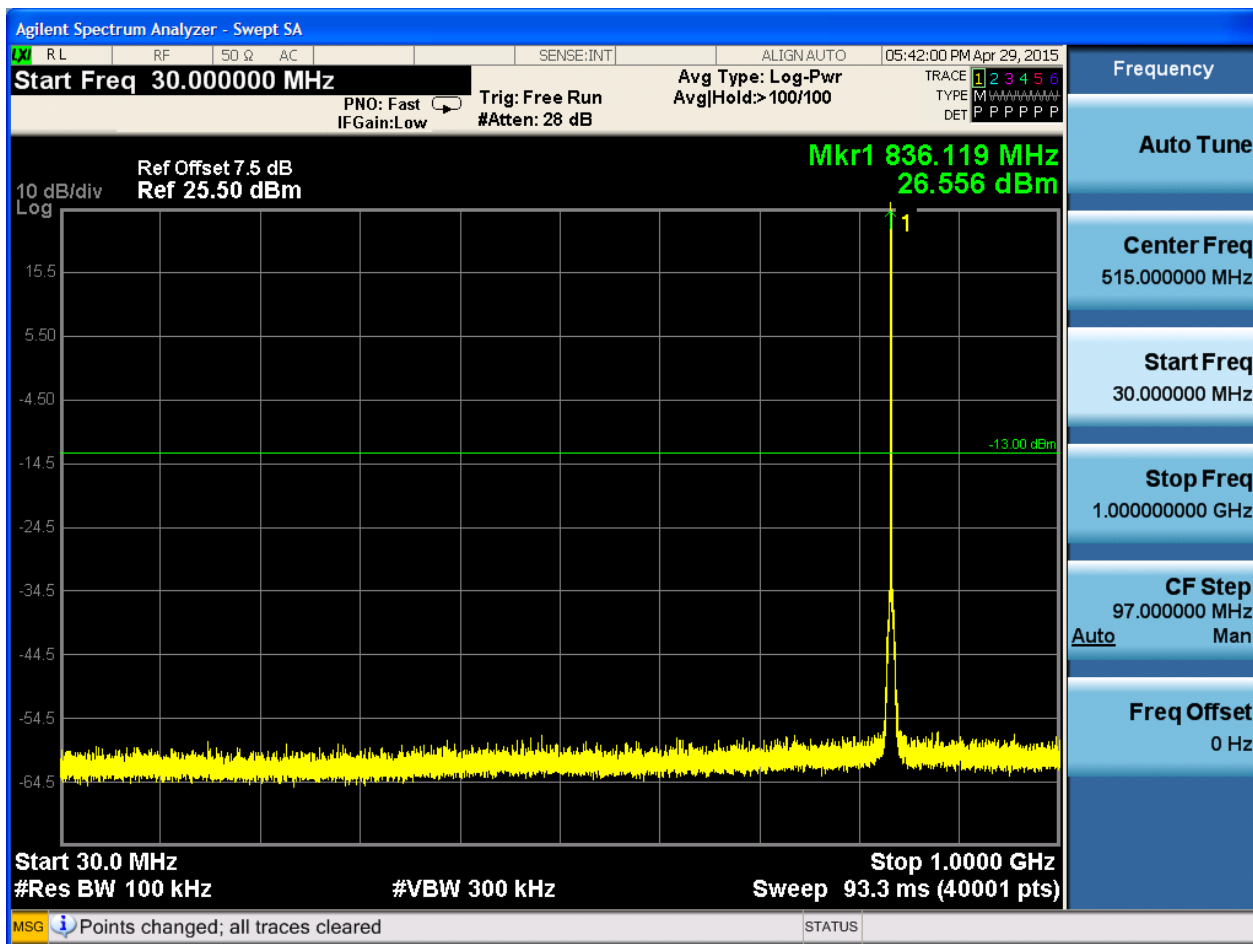


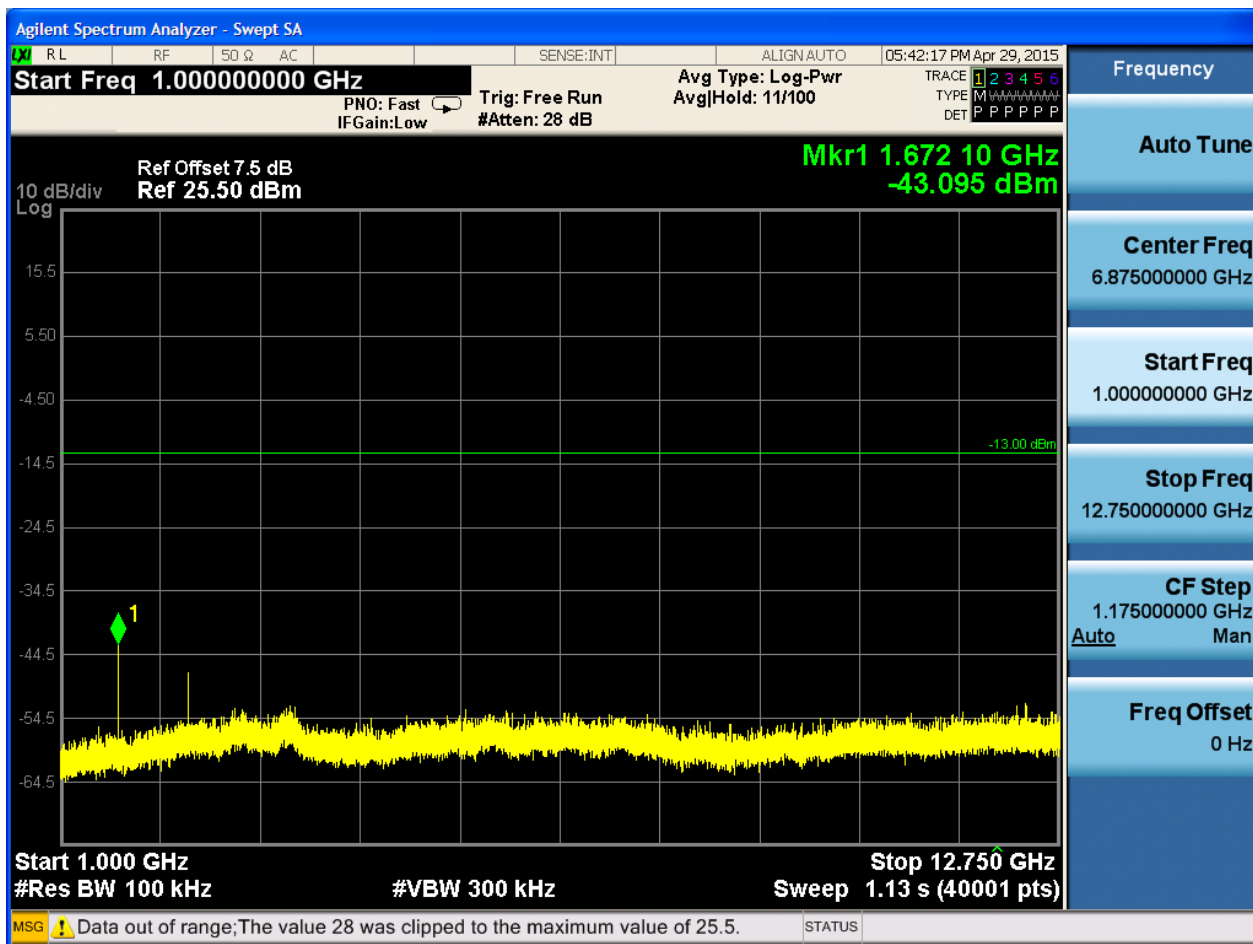


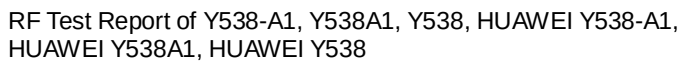


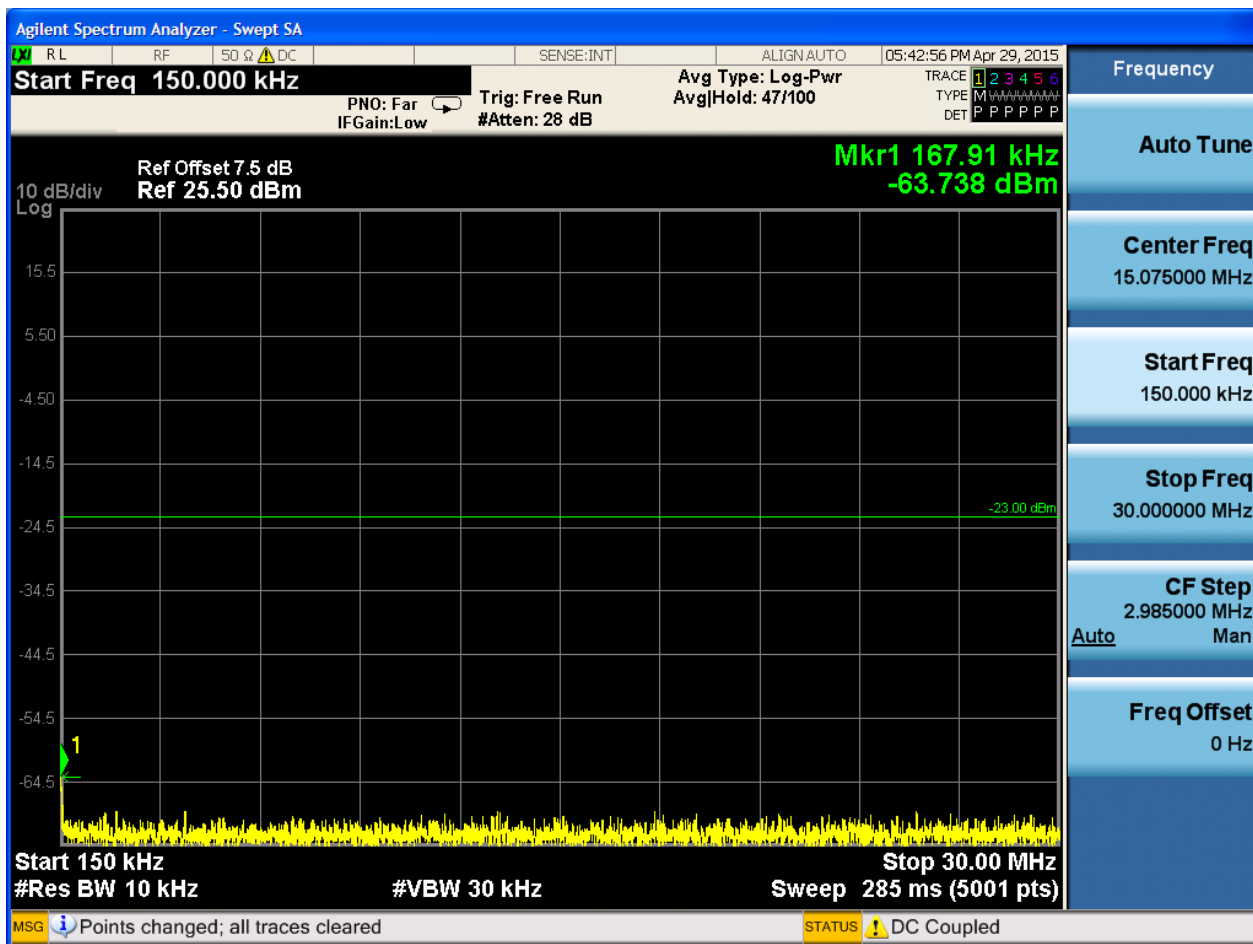


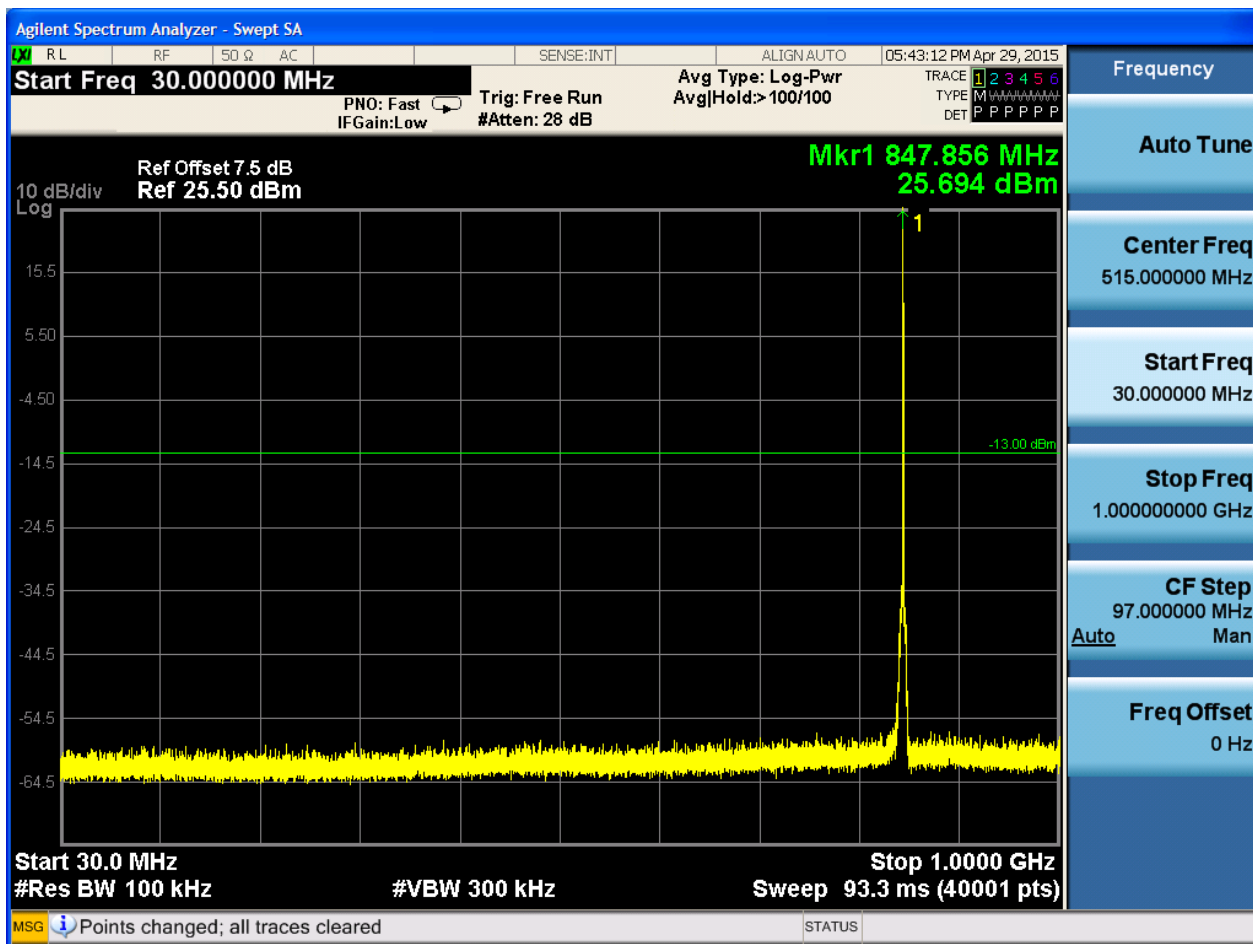


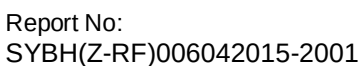
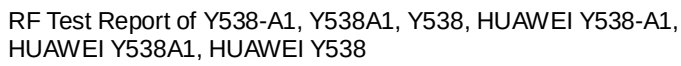


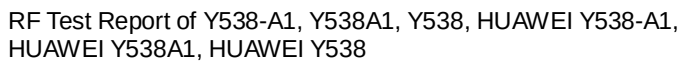




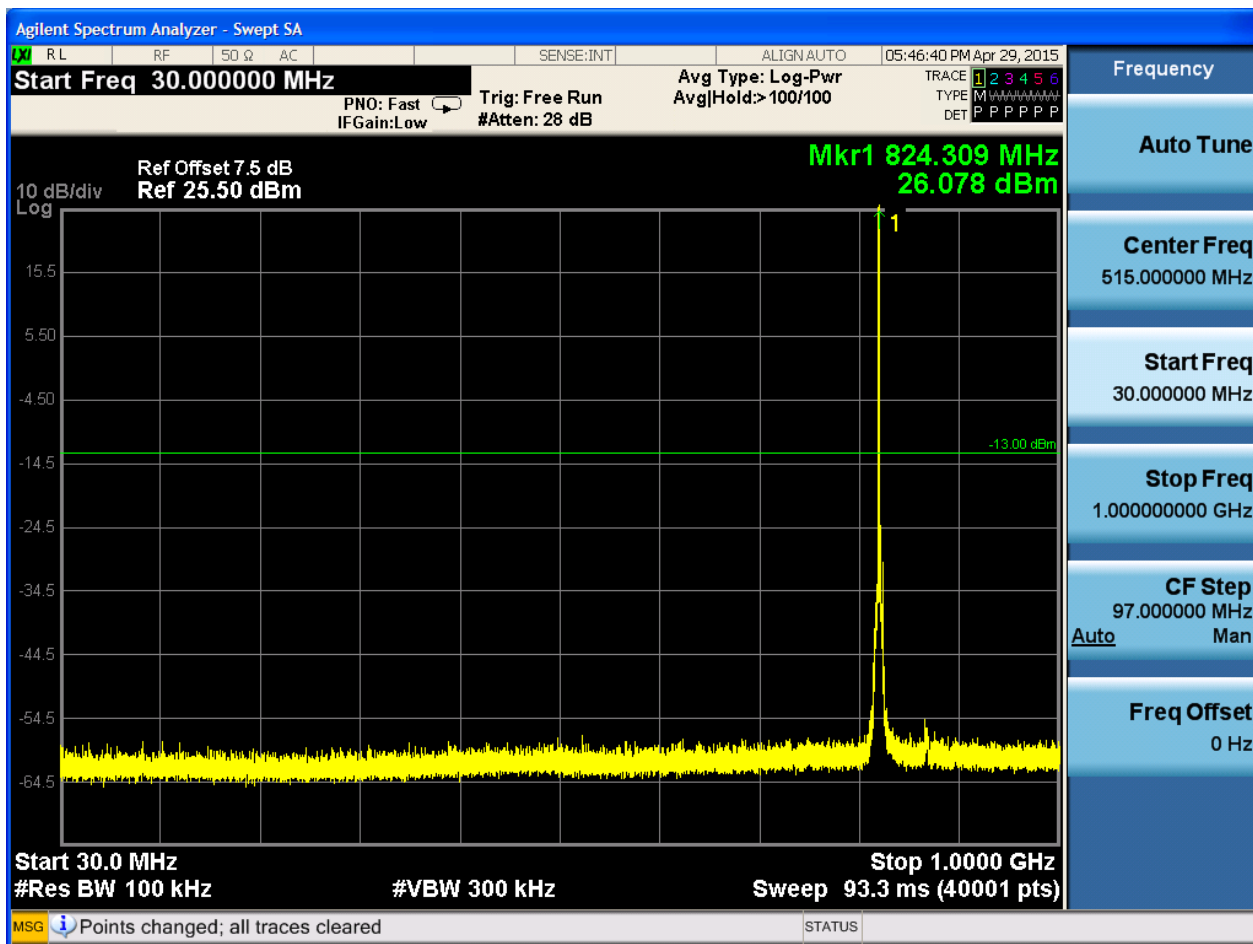


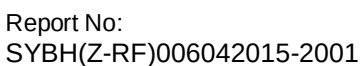
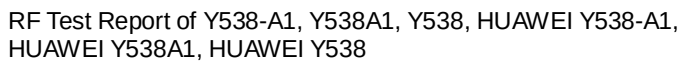








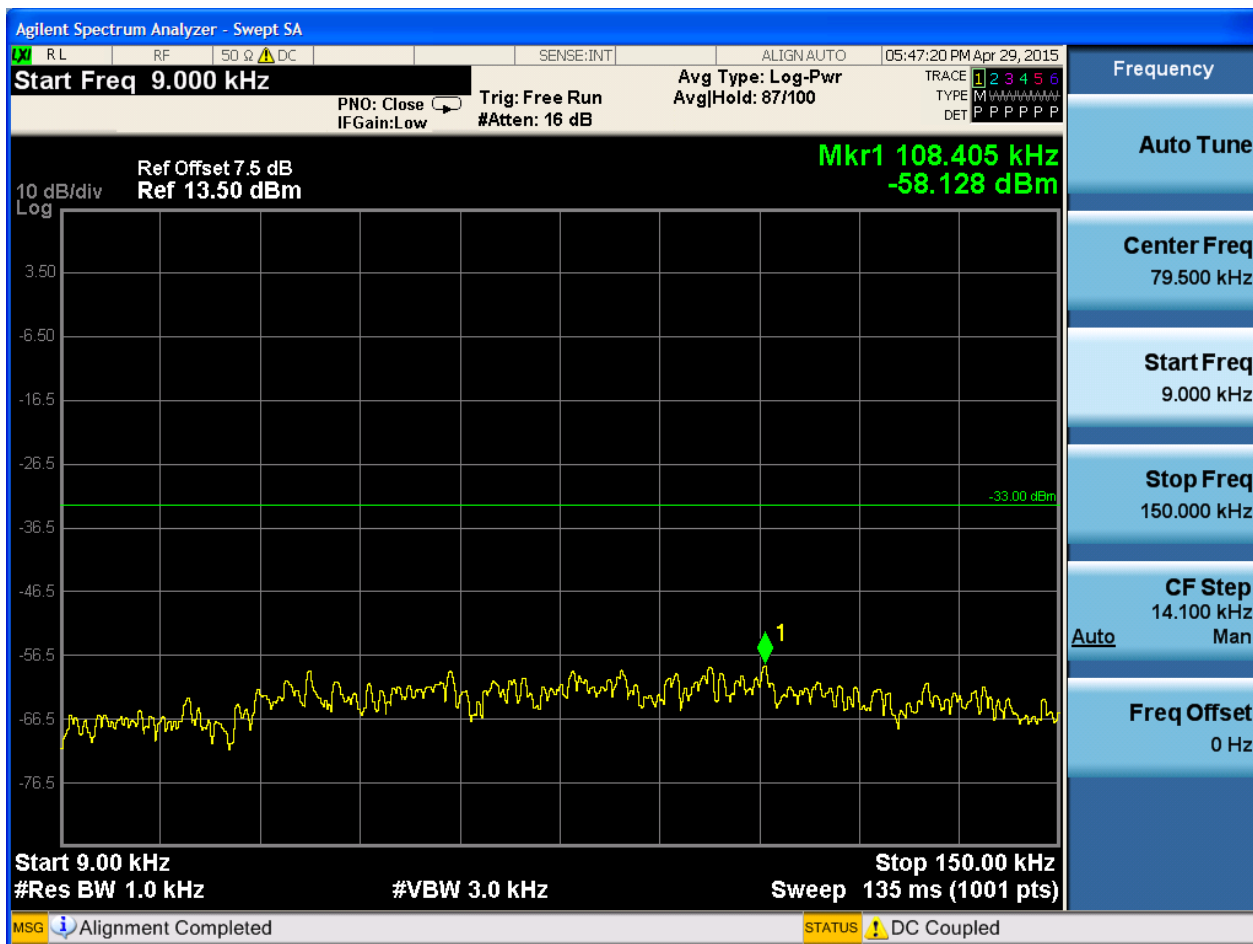


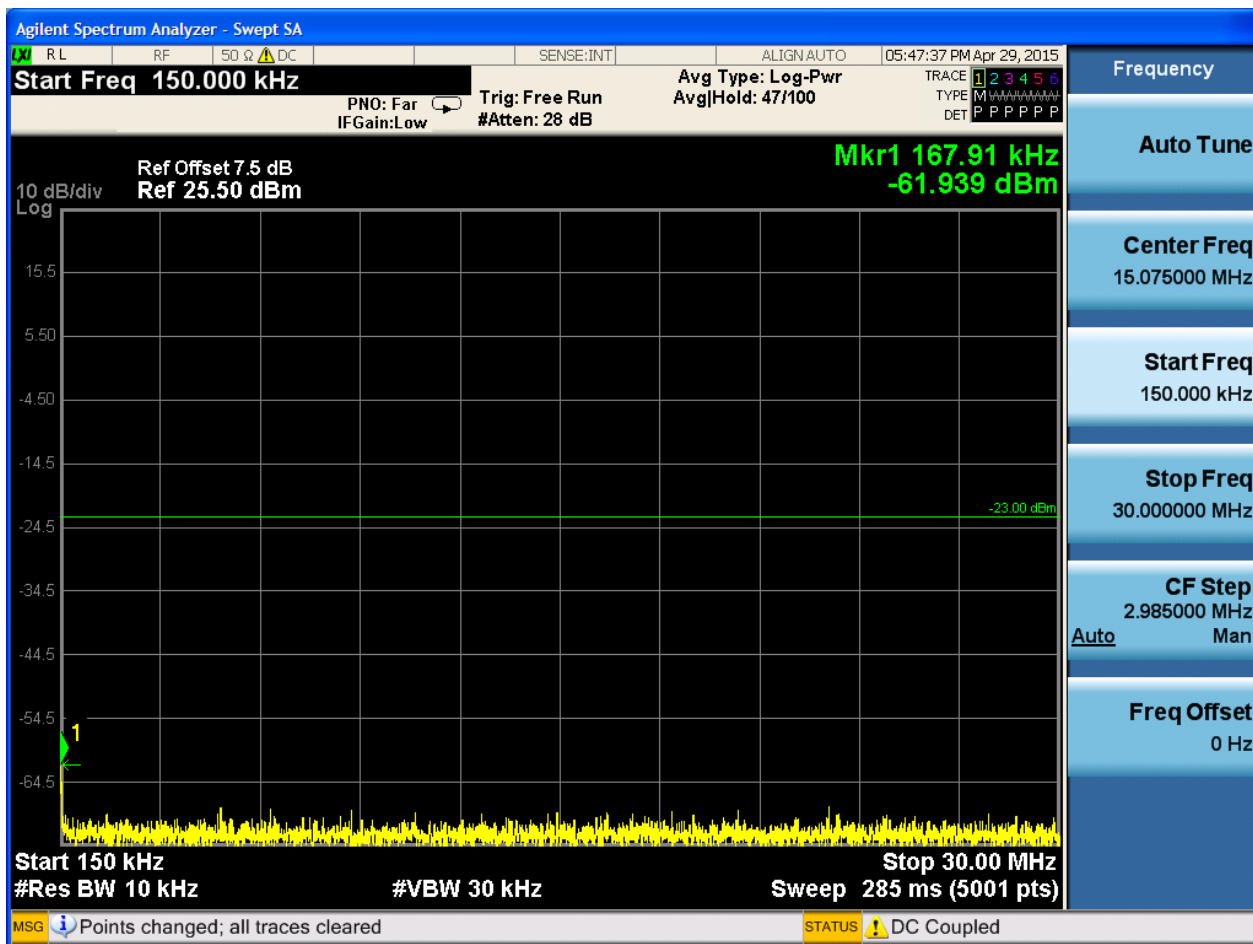


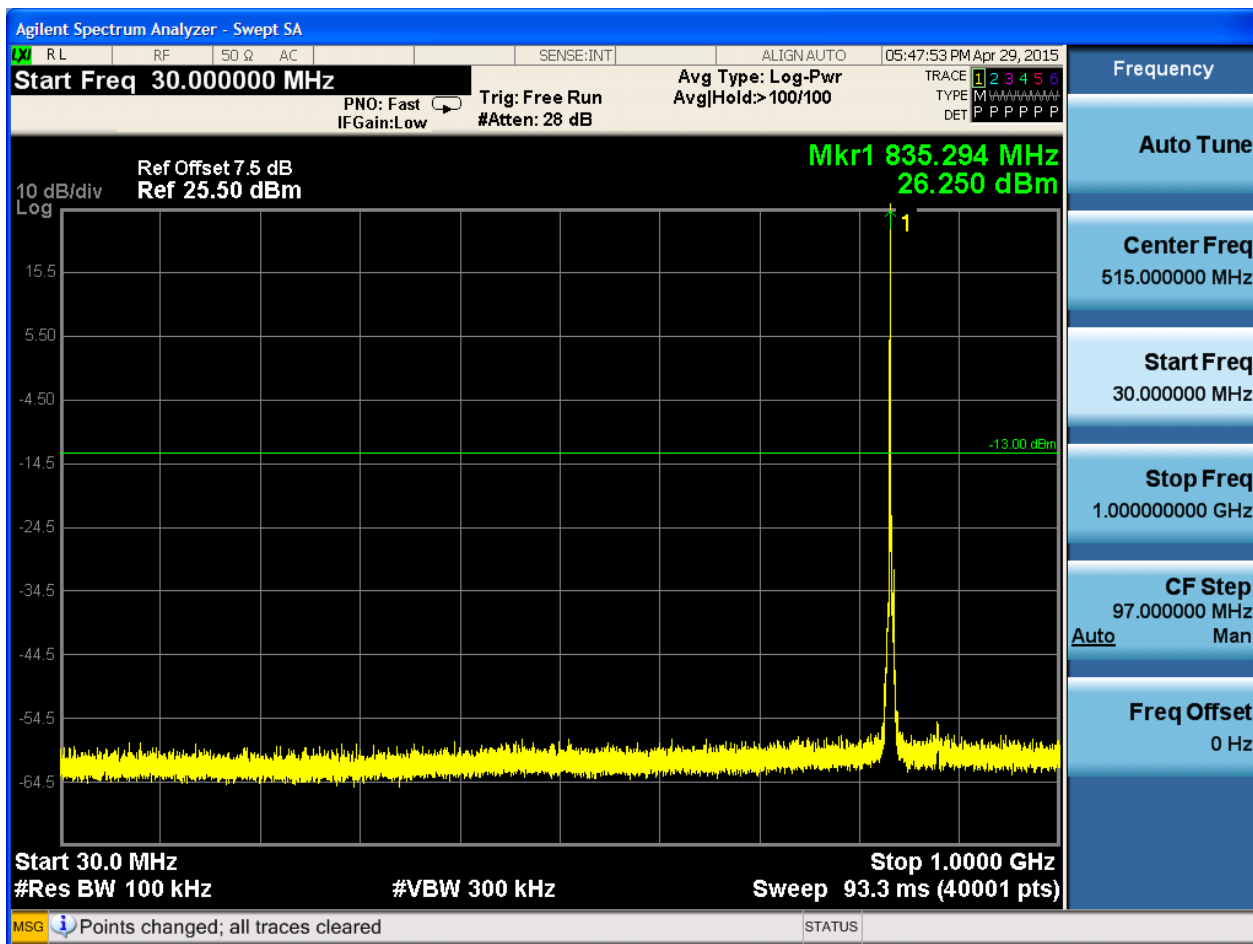


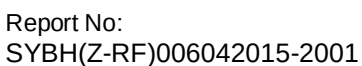
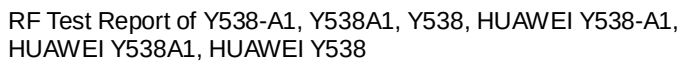
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0





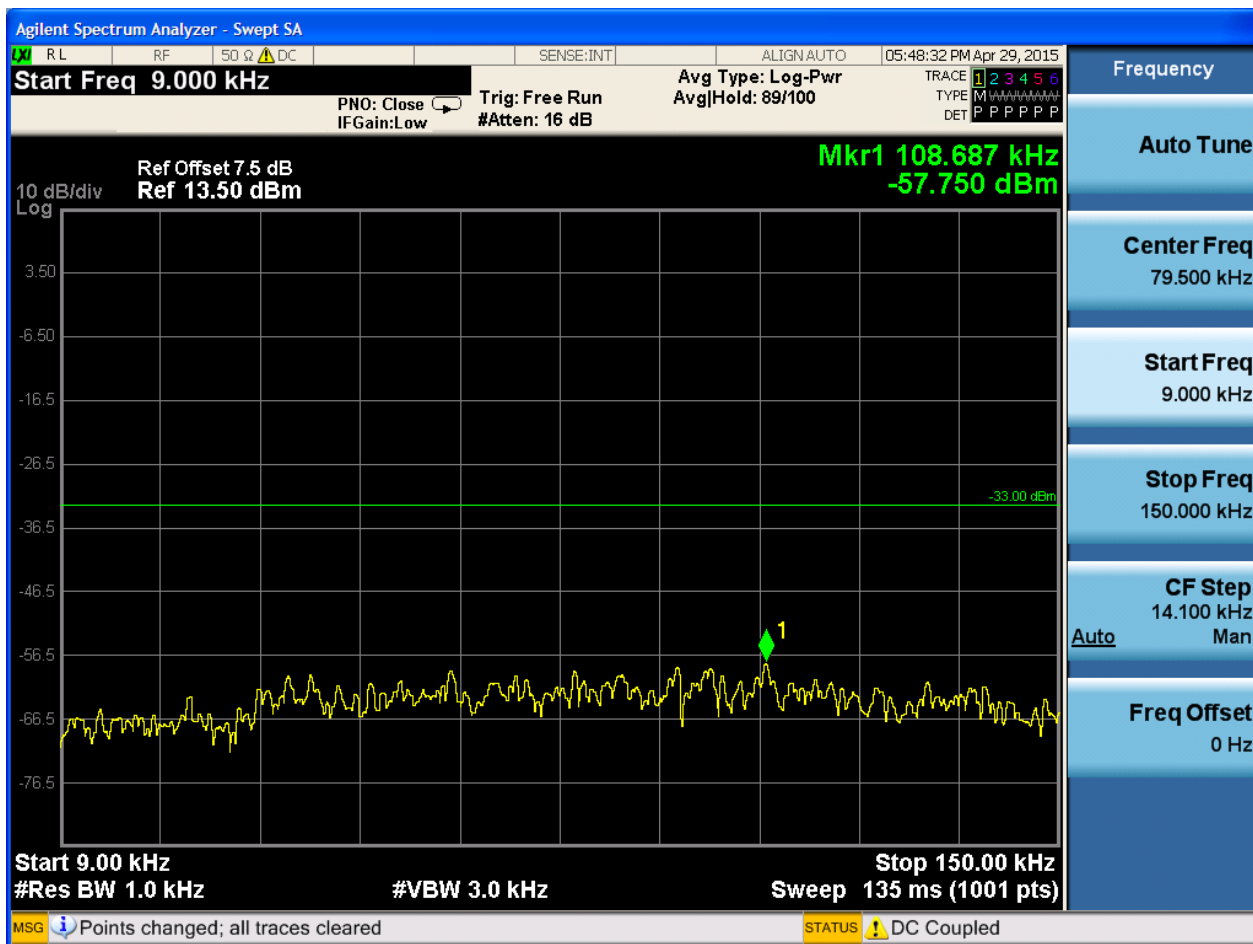


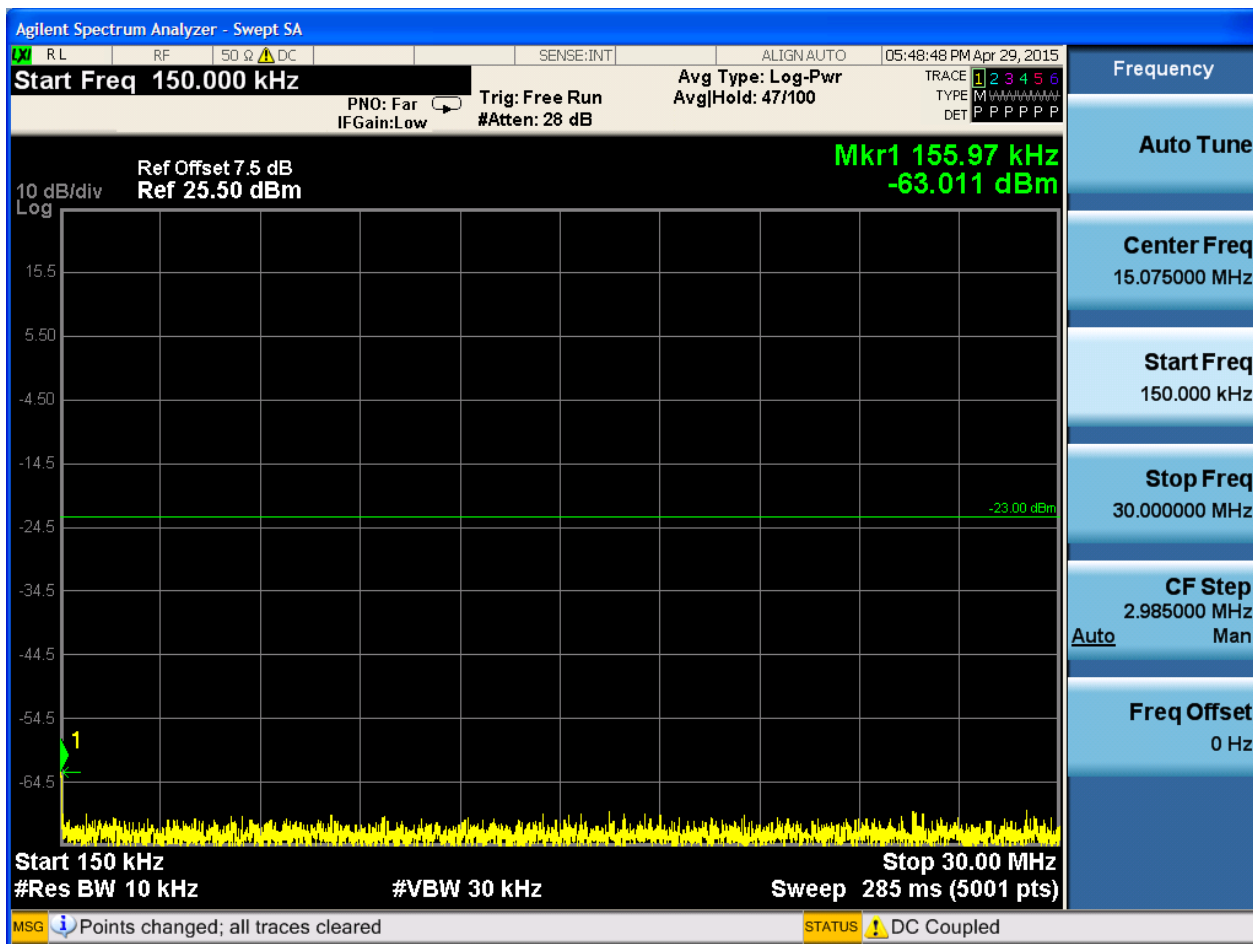


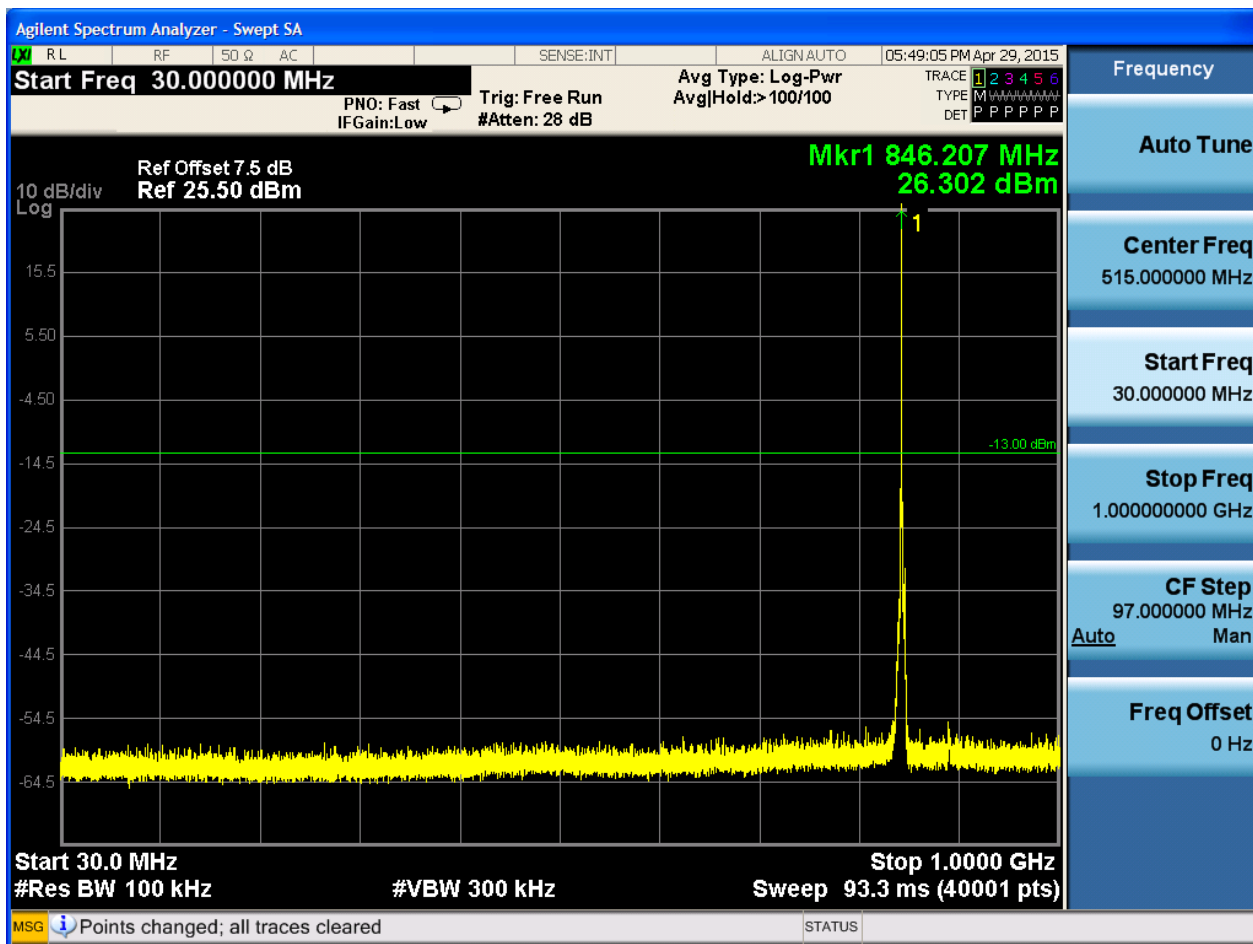


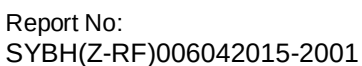
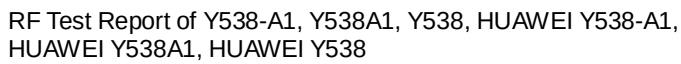
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







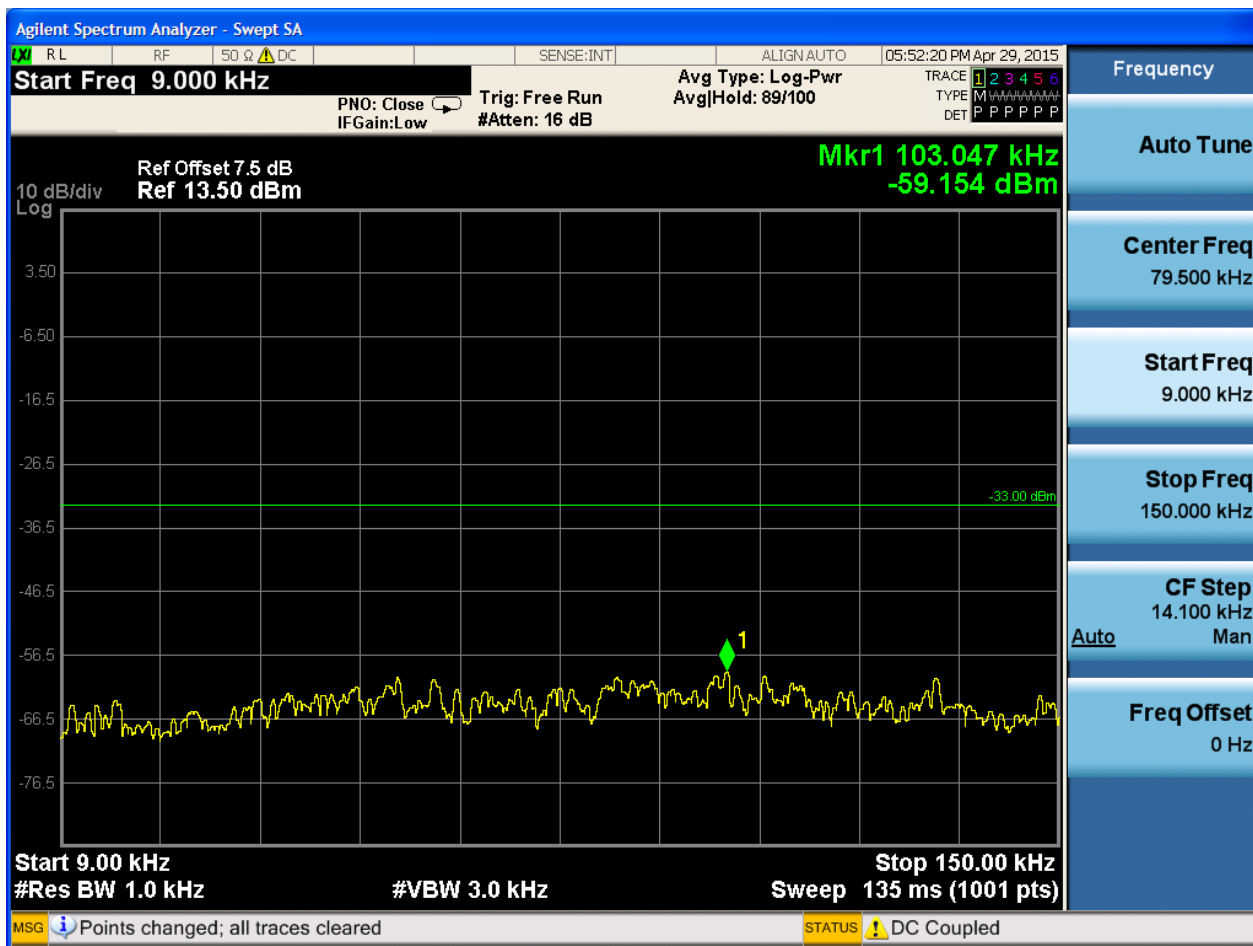




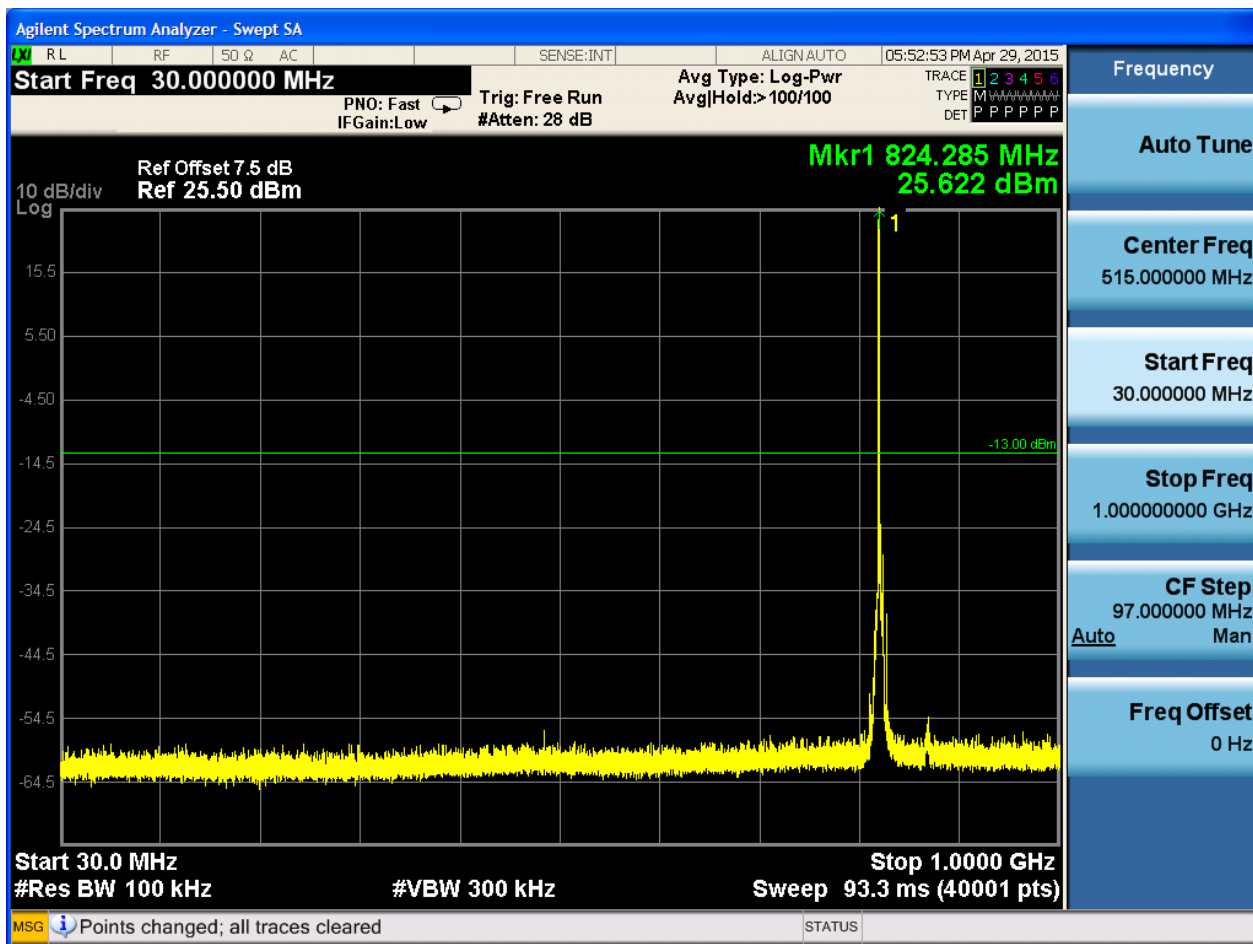
6.1.1.1.3 Test Bandwidth = 5

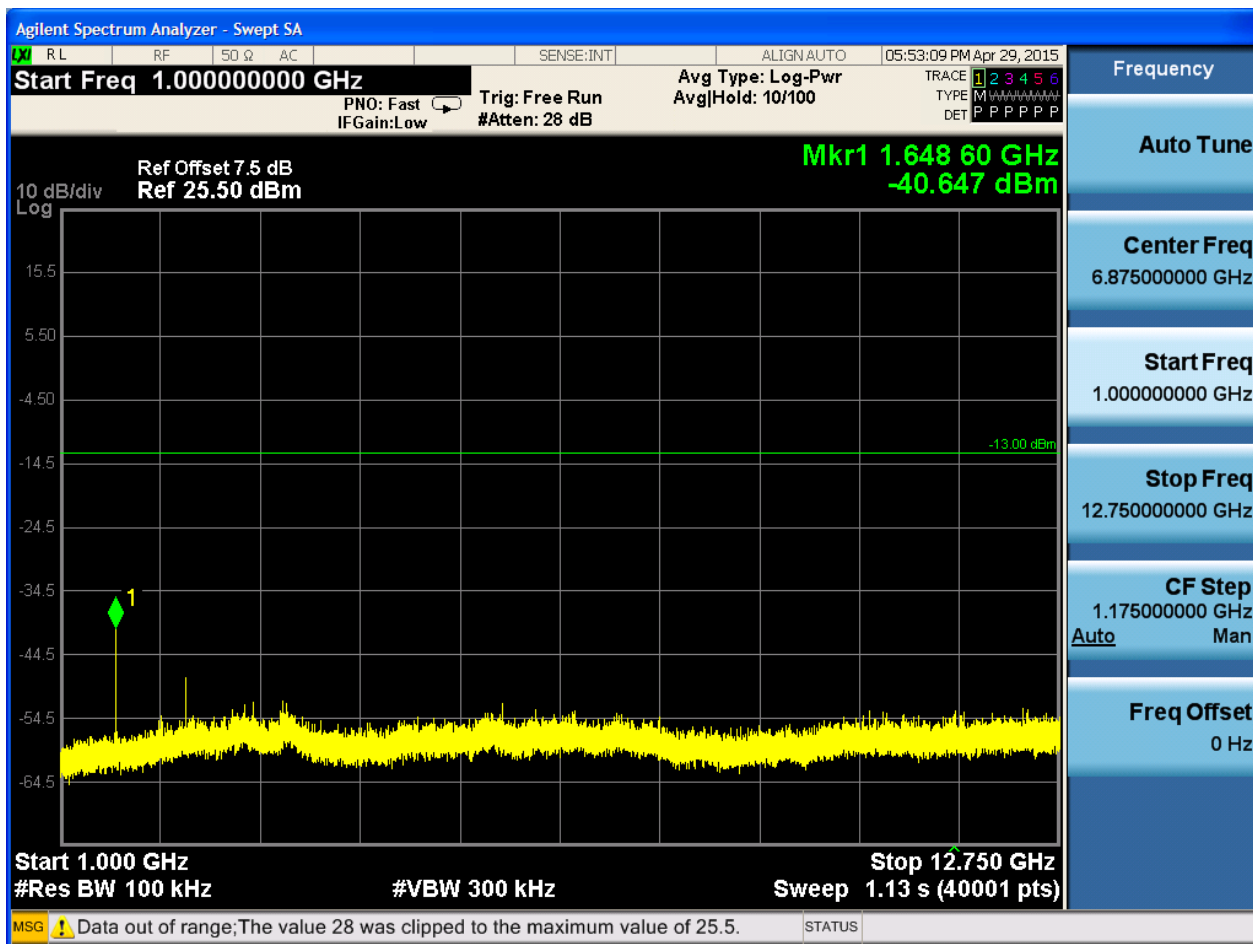
6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0





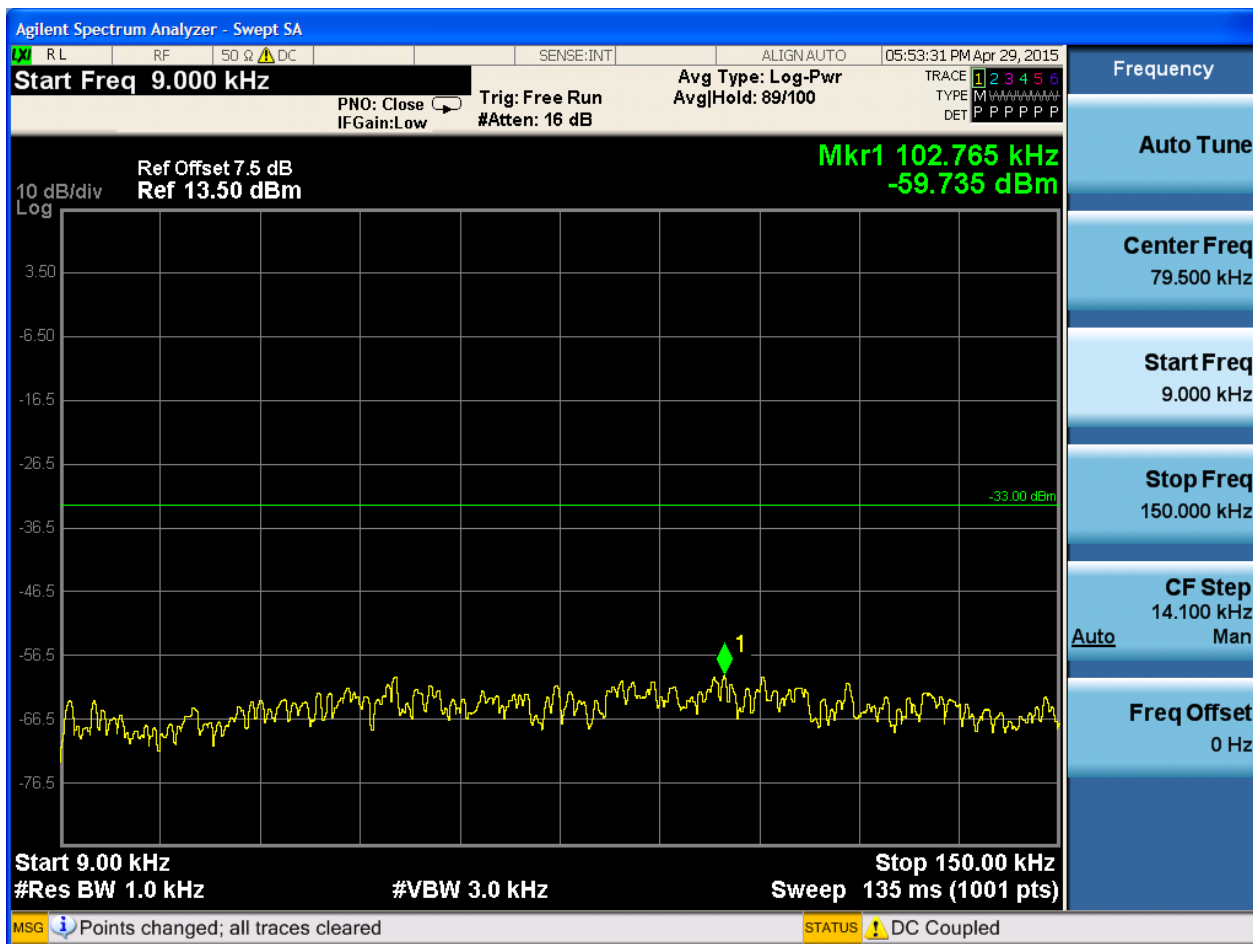


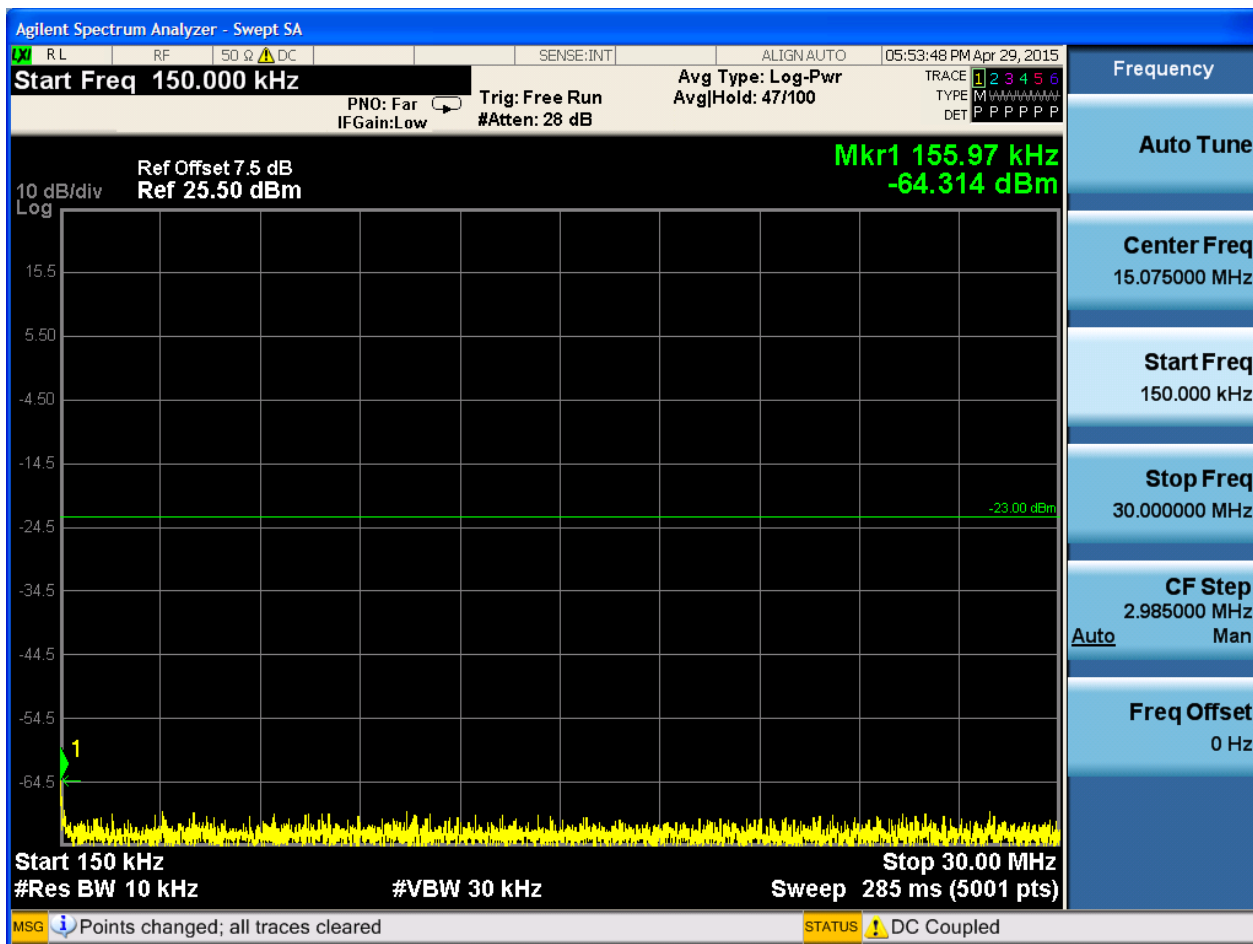


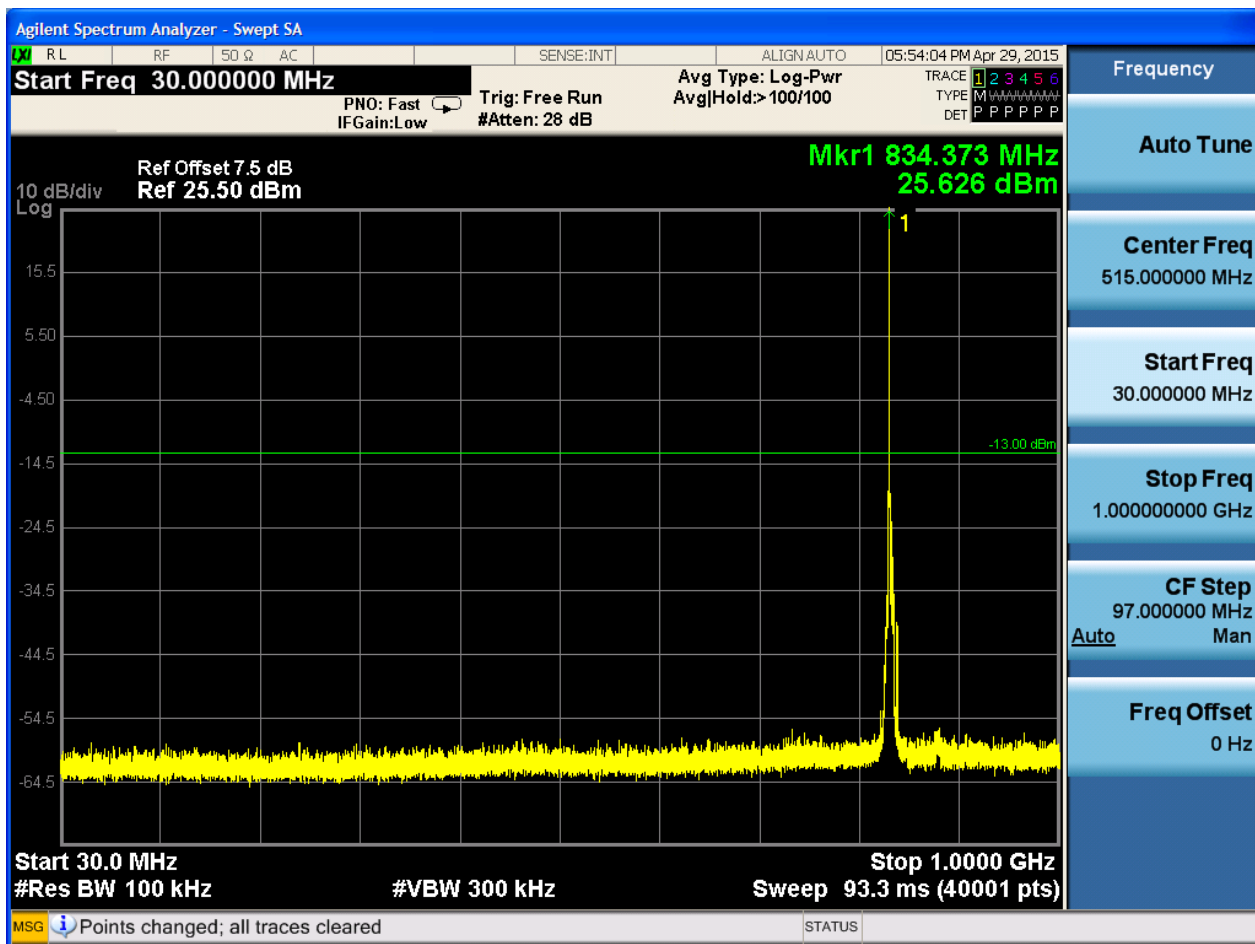


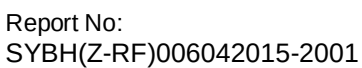
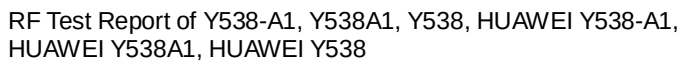
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0





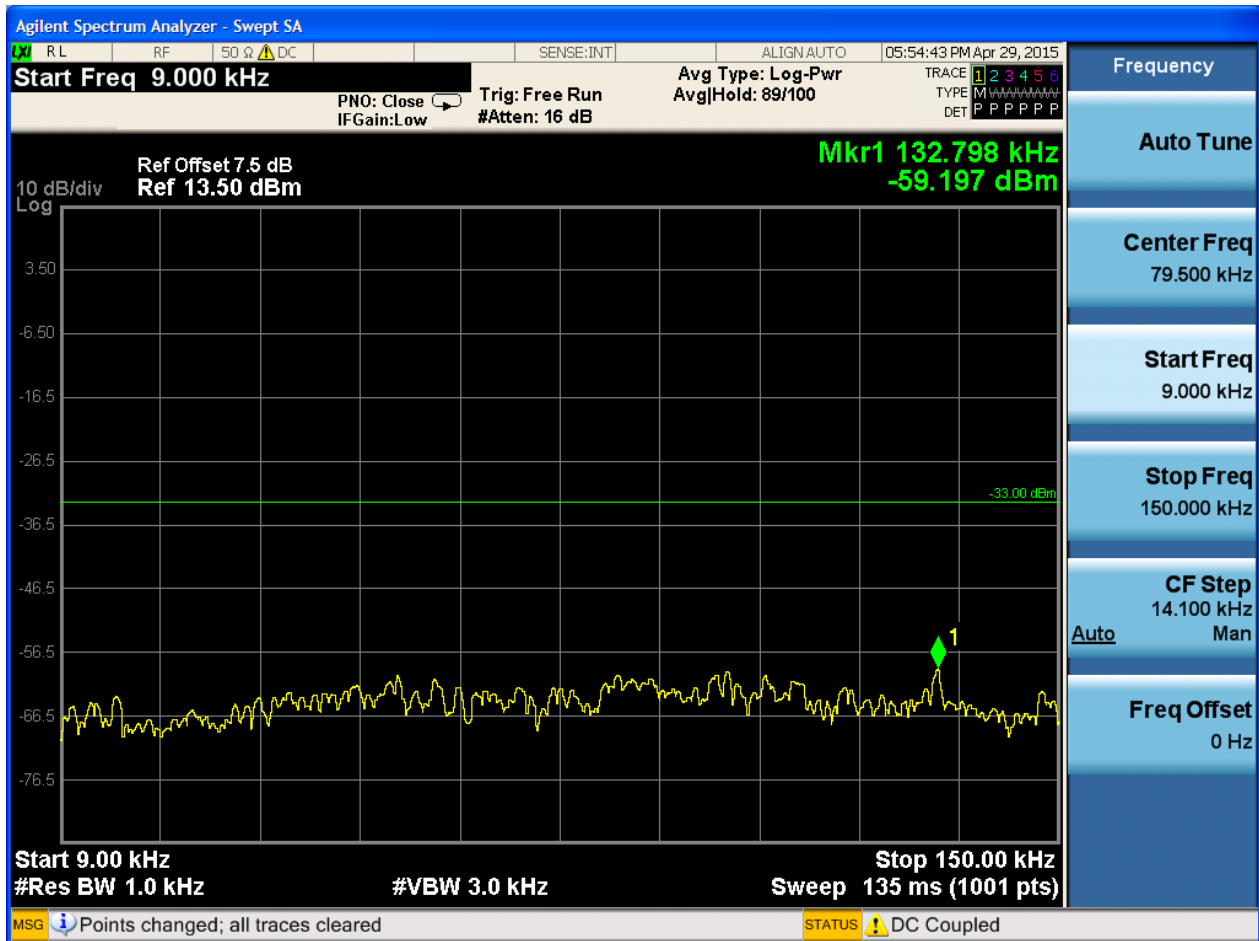




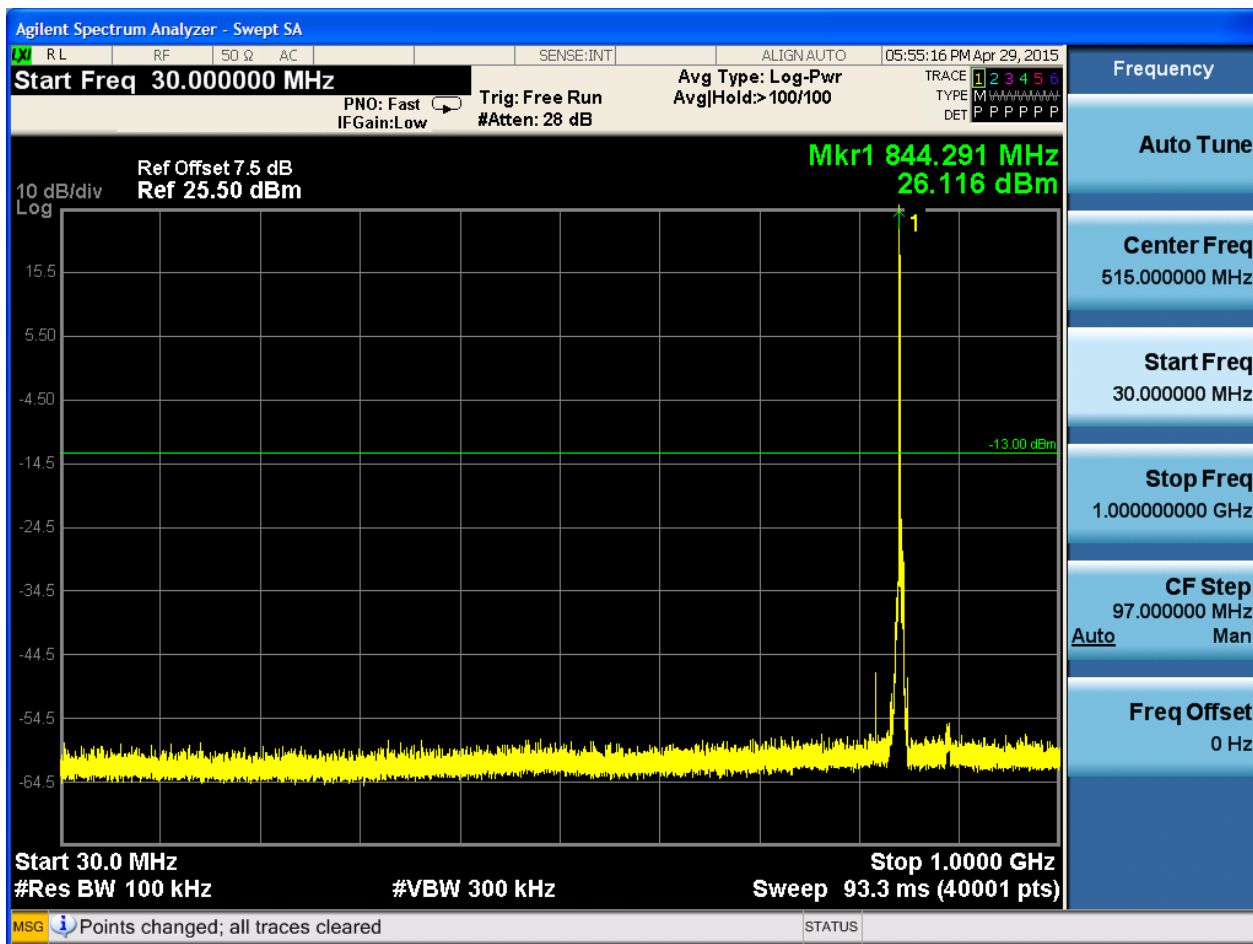


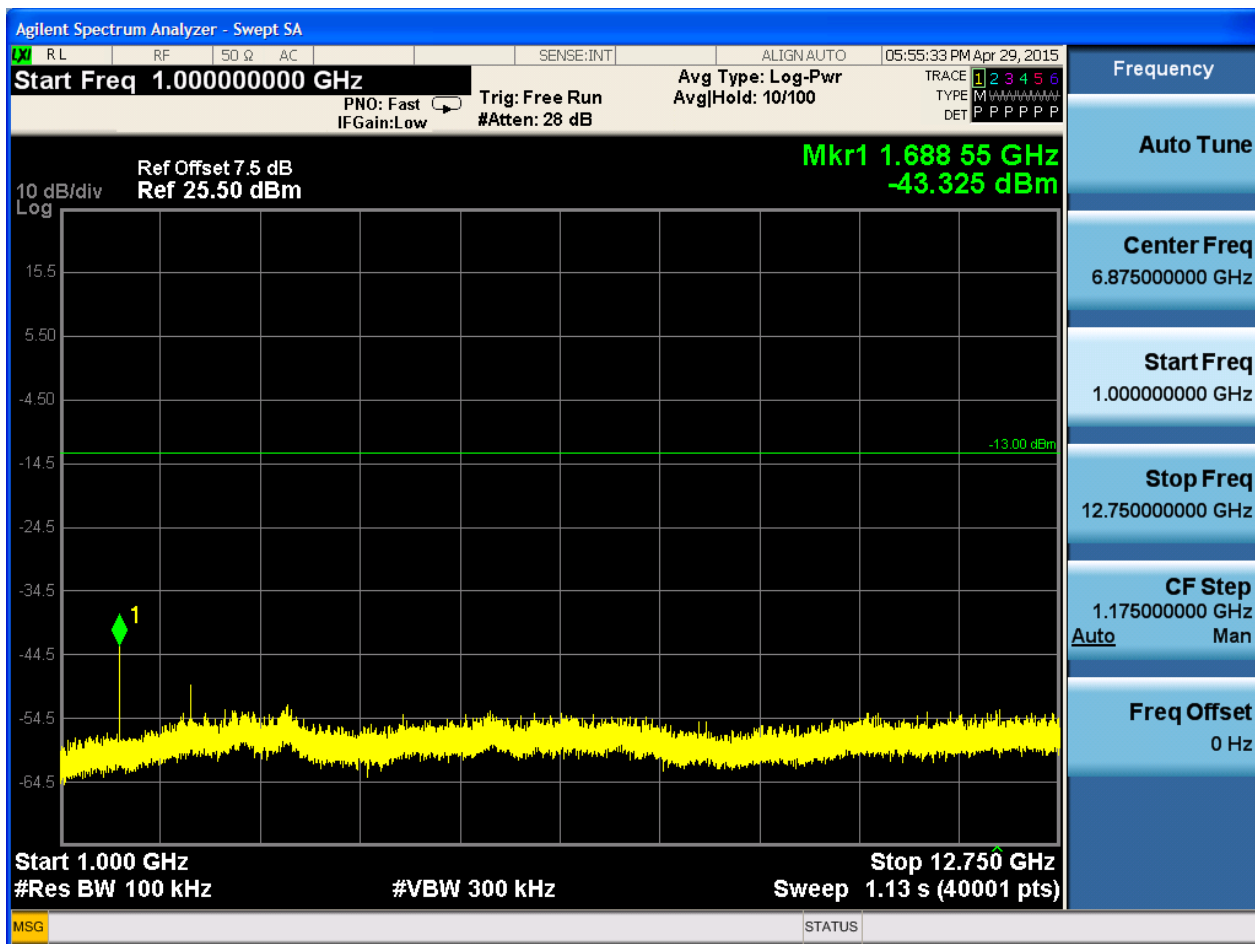
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0







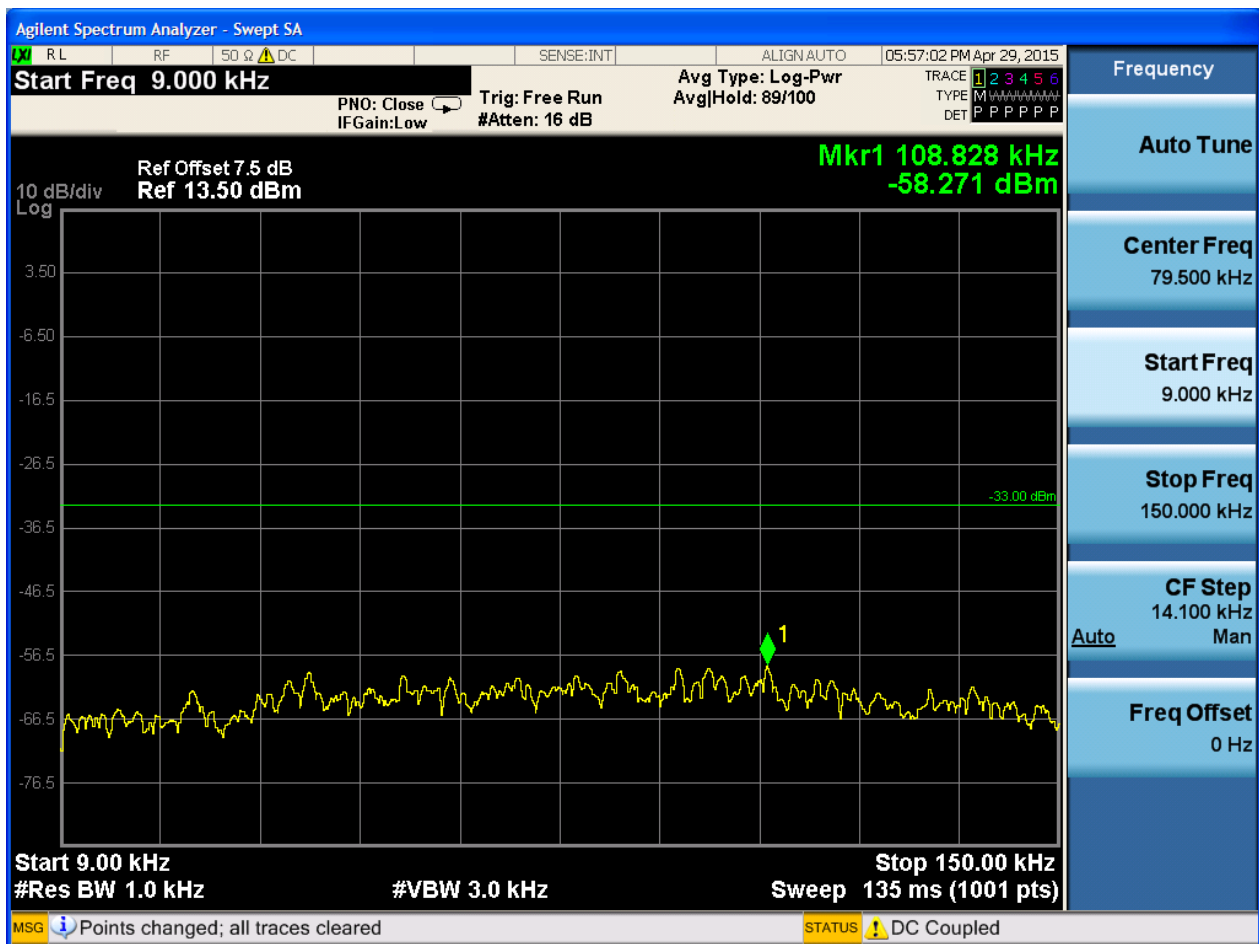


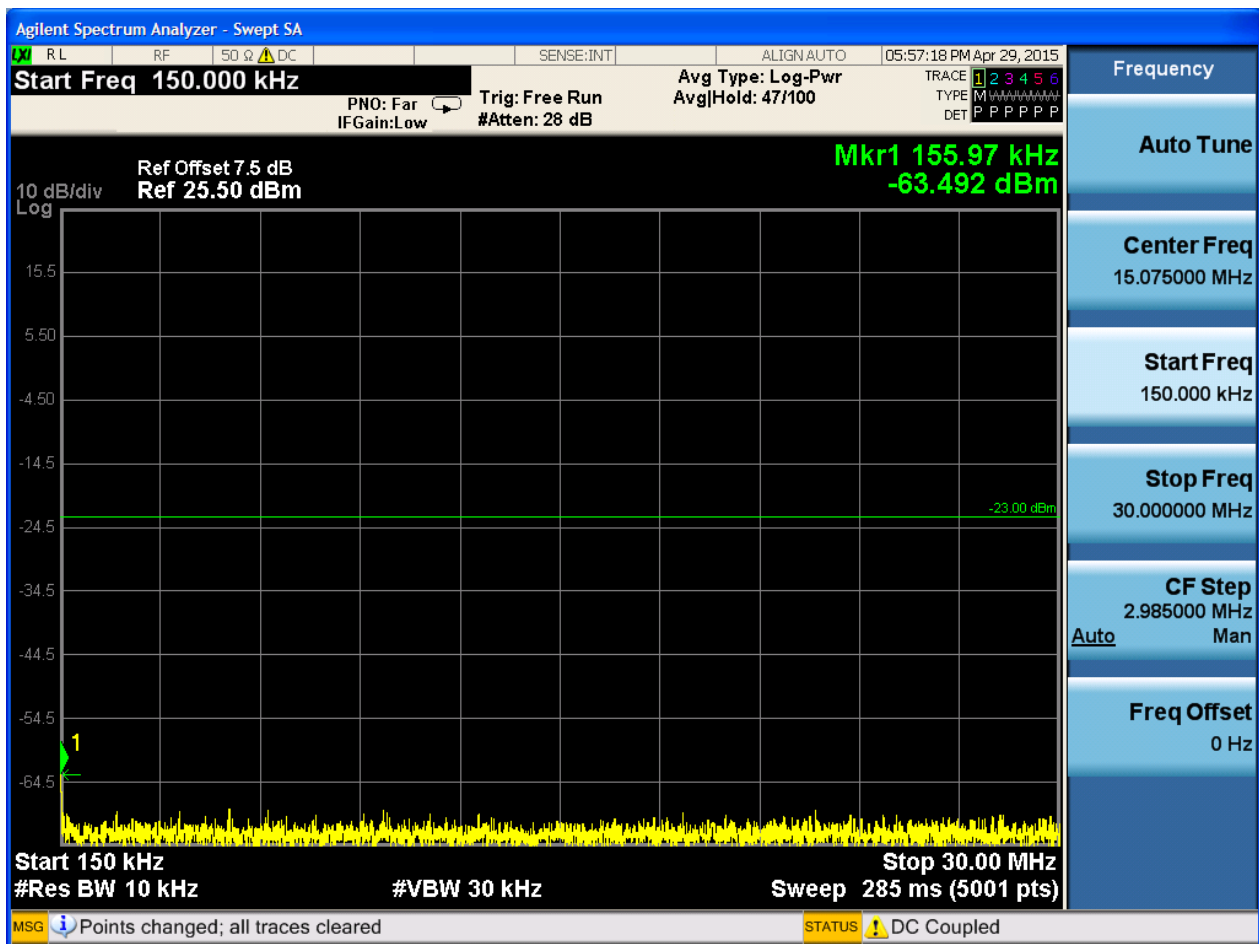


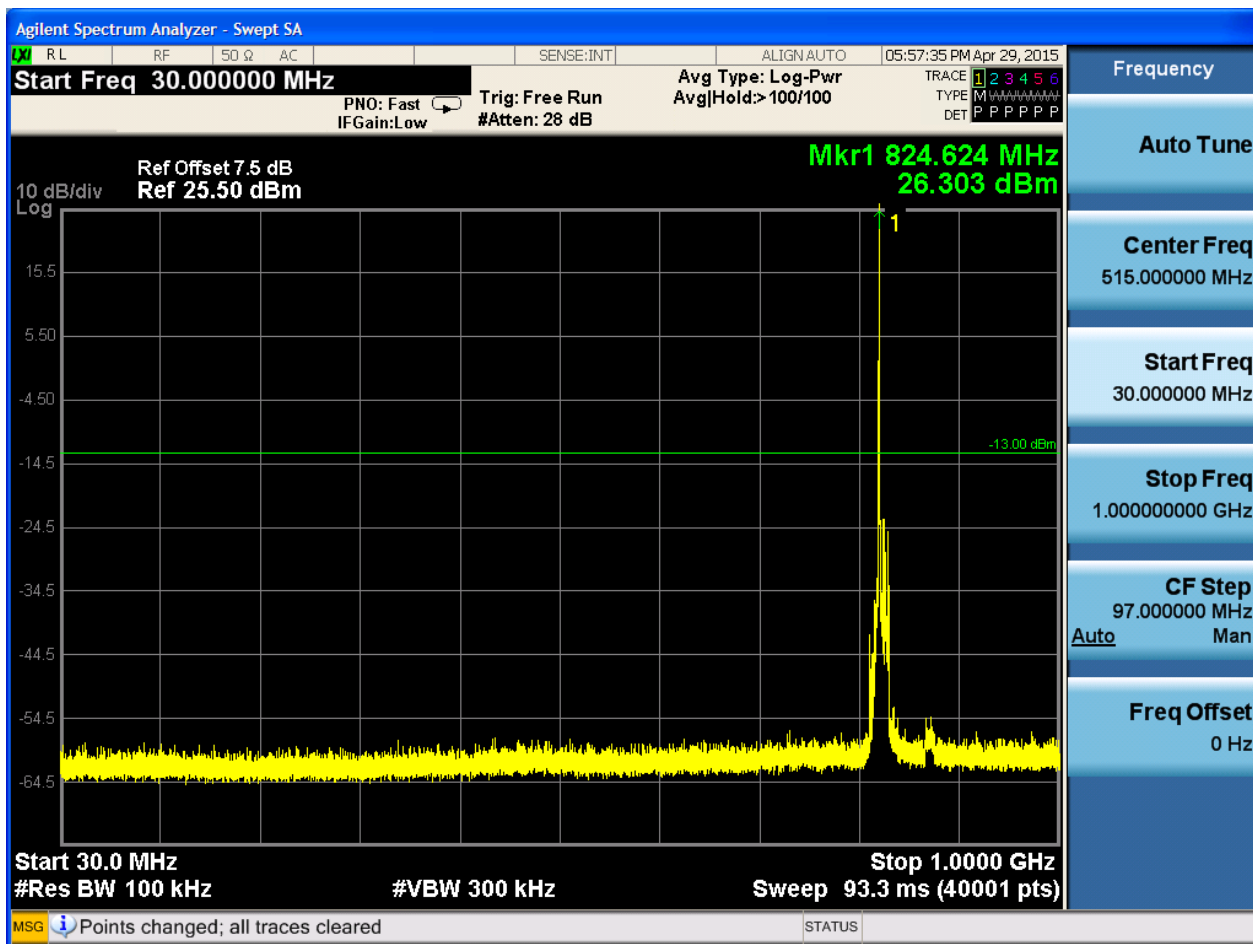
6.1.1.1.4 Test Bandwidth = 10

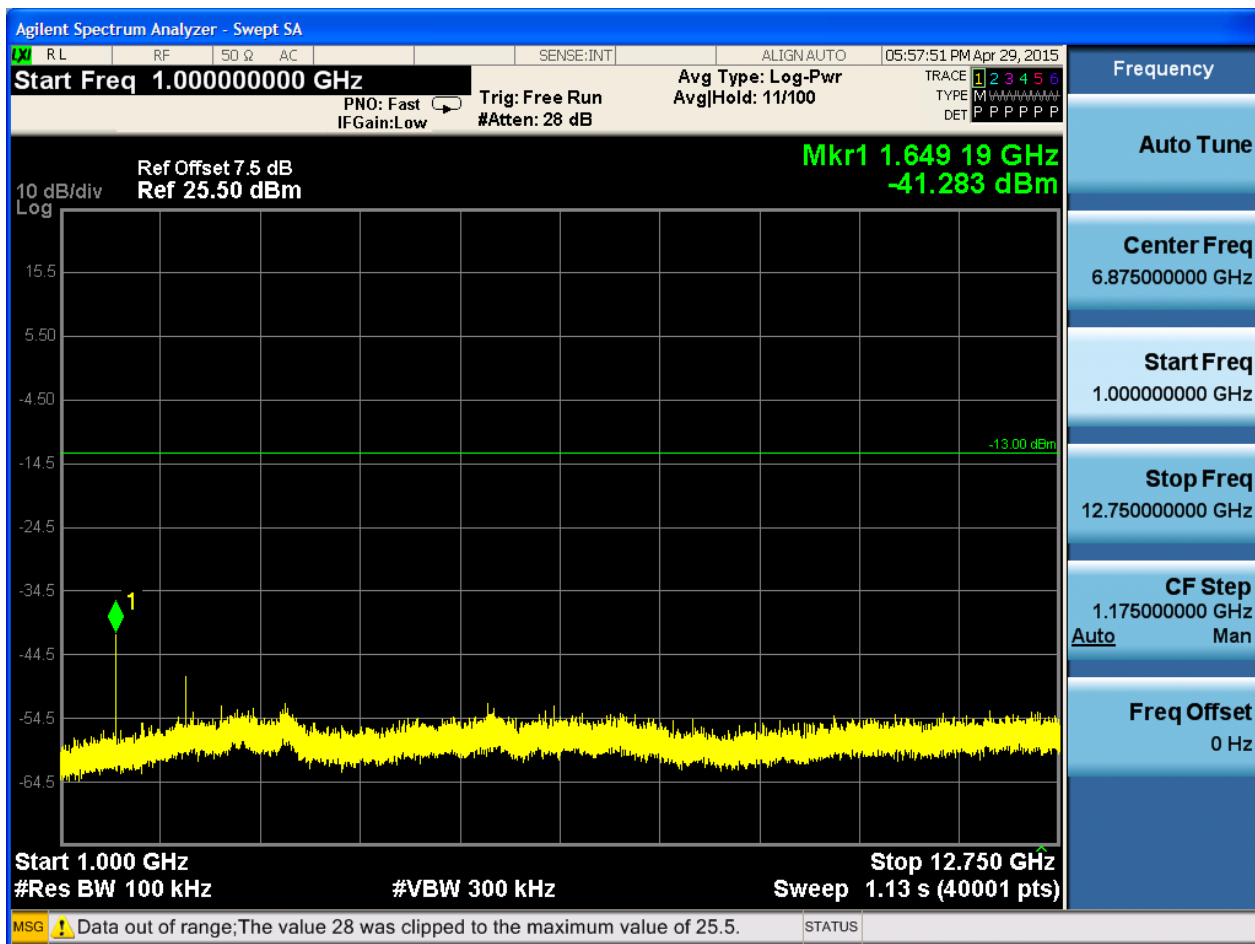
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0











6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

