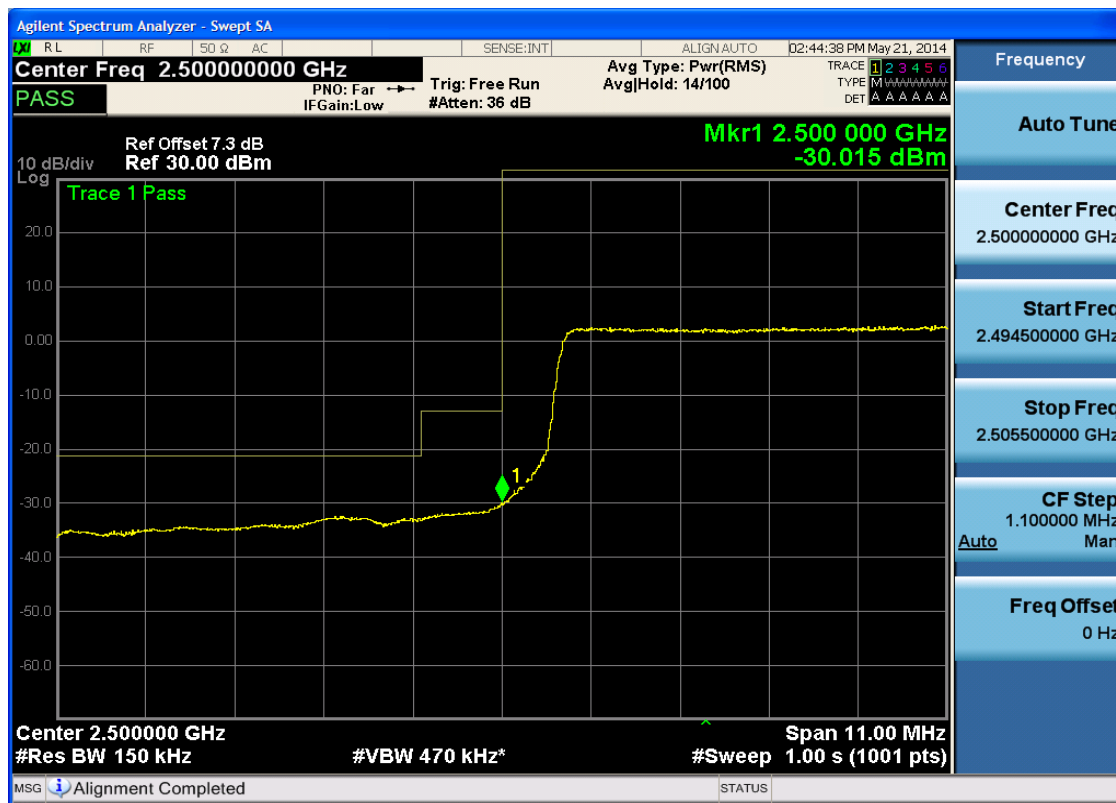
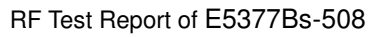


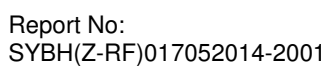


5.3.4.1.3.1.4 Test RB = RB75#0



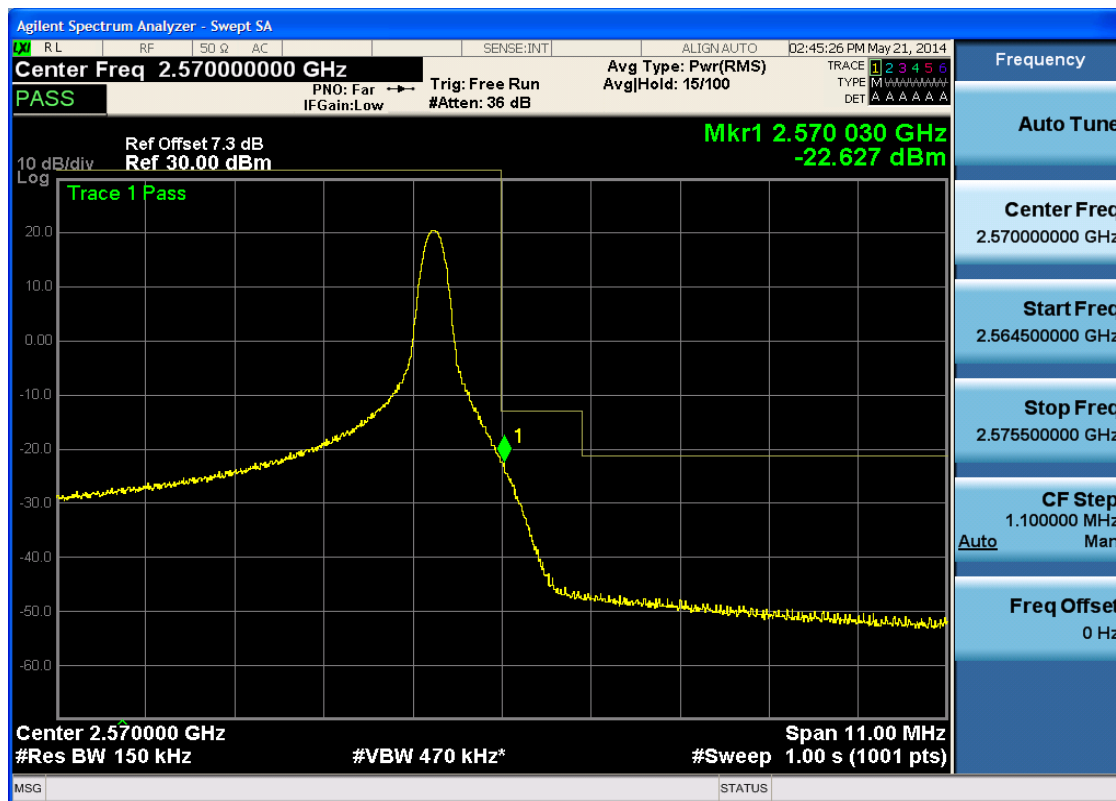


5.3.4.1.3.2.1 Test RB = RB1#0





5.3.4.1.3.2.2 Test RB = RB1#74





5.3.4.1.3.2.3 Test RB = RB36#18





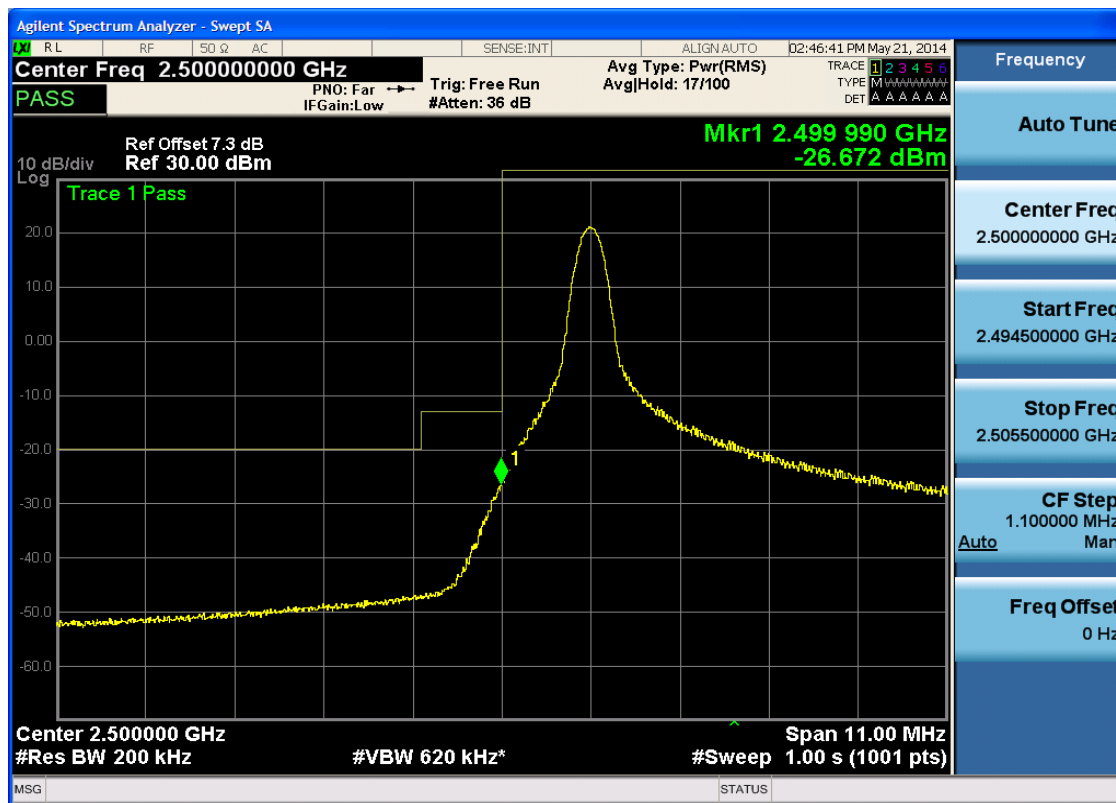
5.3.4.1.3.2.4 Test RB = RB75#0



5.3.4.1.4 Test Bandwidth = 20

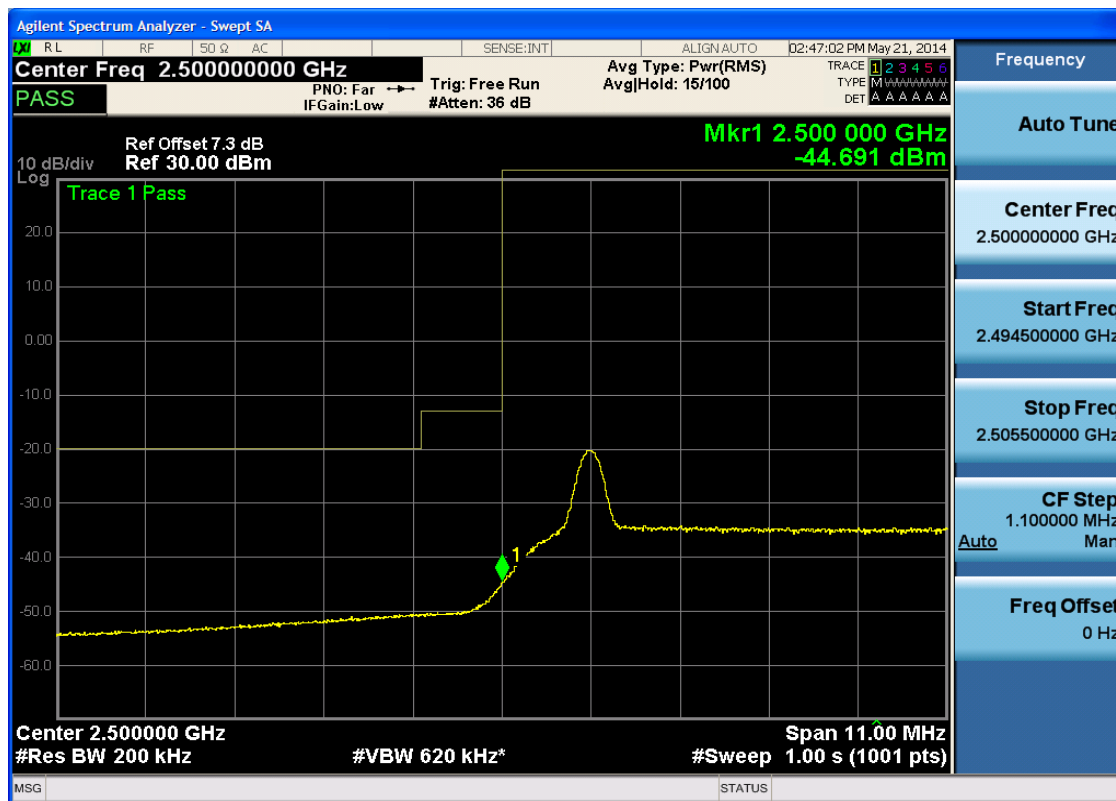
5.3.4.1.4.1 Test Channel = LCH

5.3.4.1.4.1.1 Test RB = RB1#0



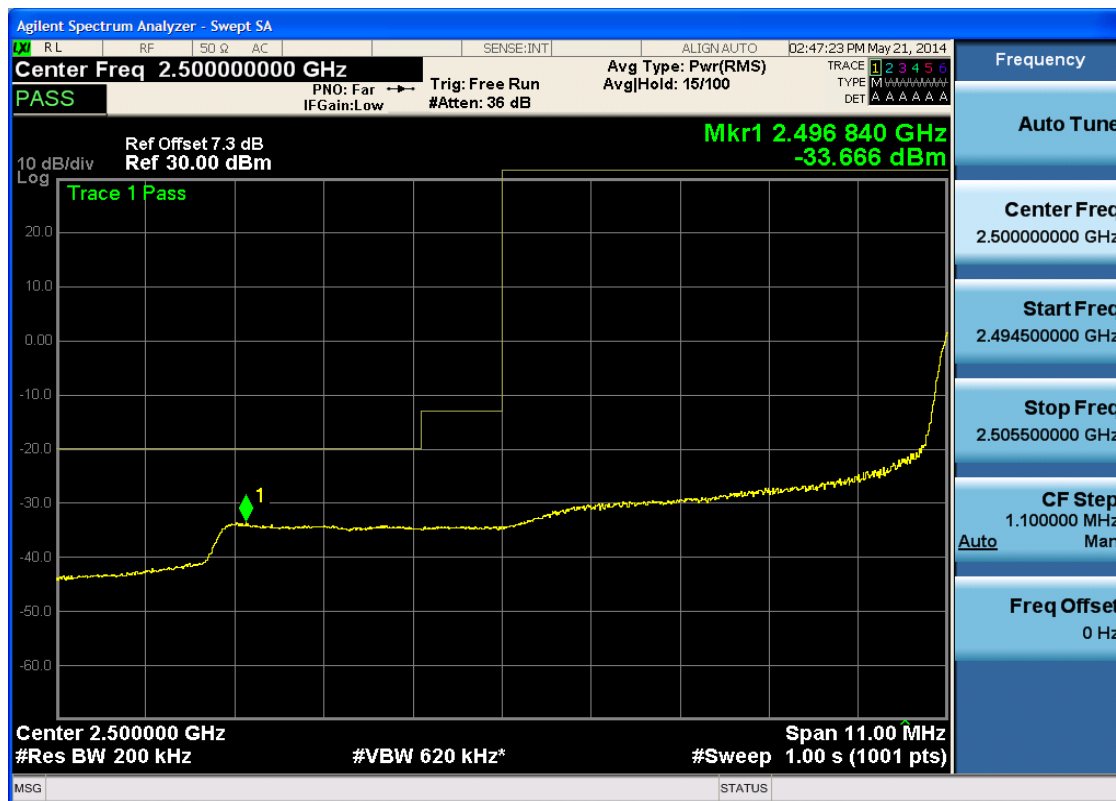


5.3.4.1.4.1.2 Test RB = RB1#99





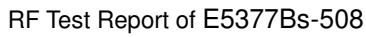
5.3.4.1.4.1.3 Test RB = RB50#25



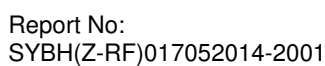


5.3.4.1.4.1.4 Test RB = RB100#0



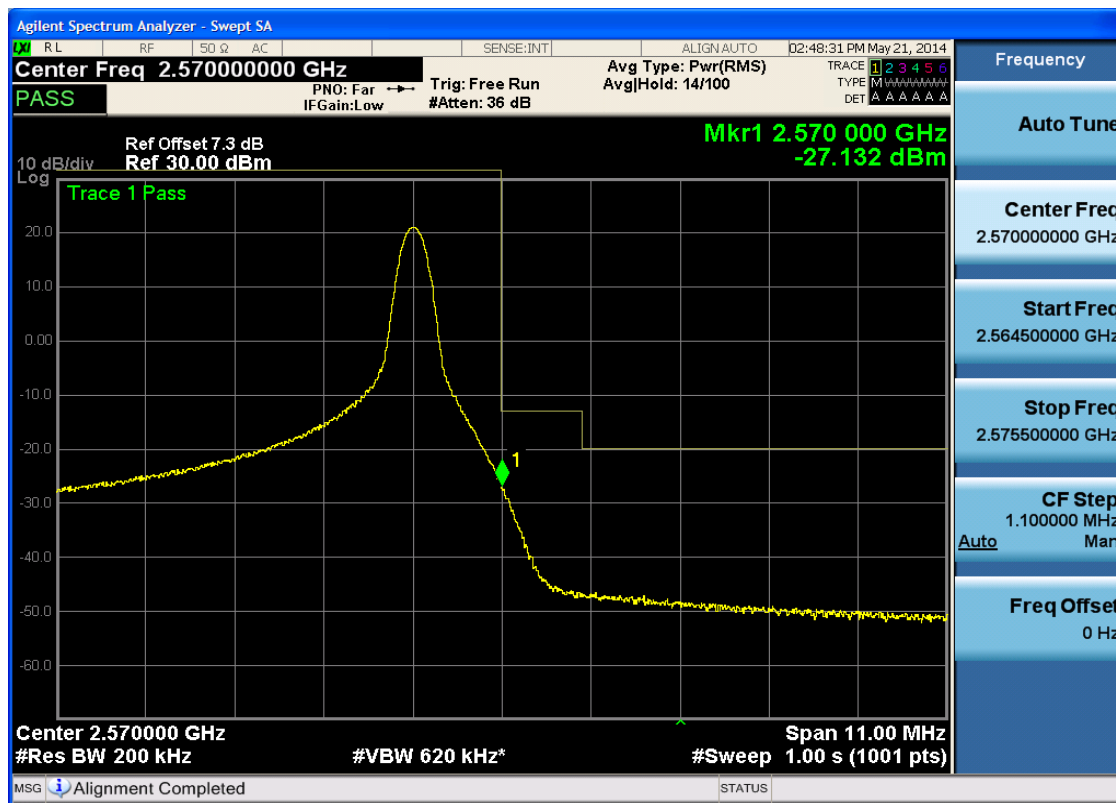


5.3.4.1.4.2.1 Test RB = RB1#0





5.3.4.1.4.2.2 Test RB = RB1#99





5.3.4.1.4.2.3 Test RB = RB50#25





5.3.4.1.4.2.4 Test RB = RB100#0



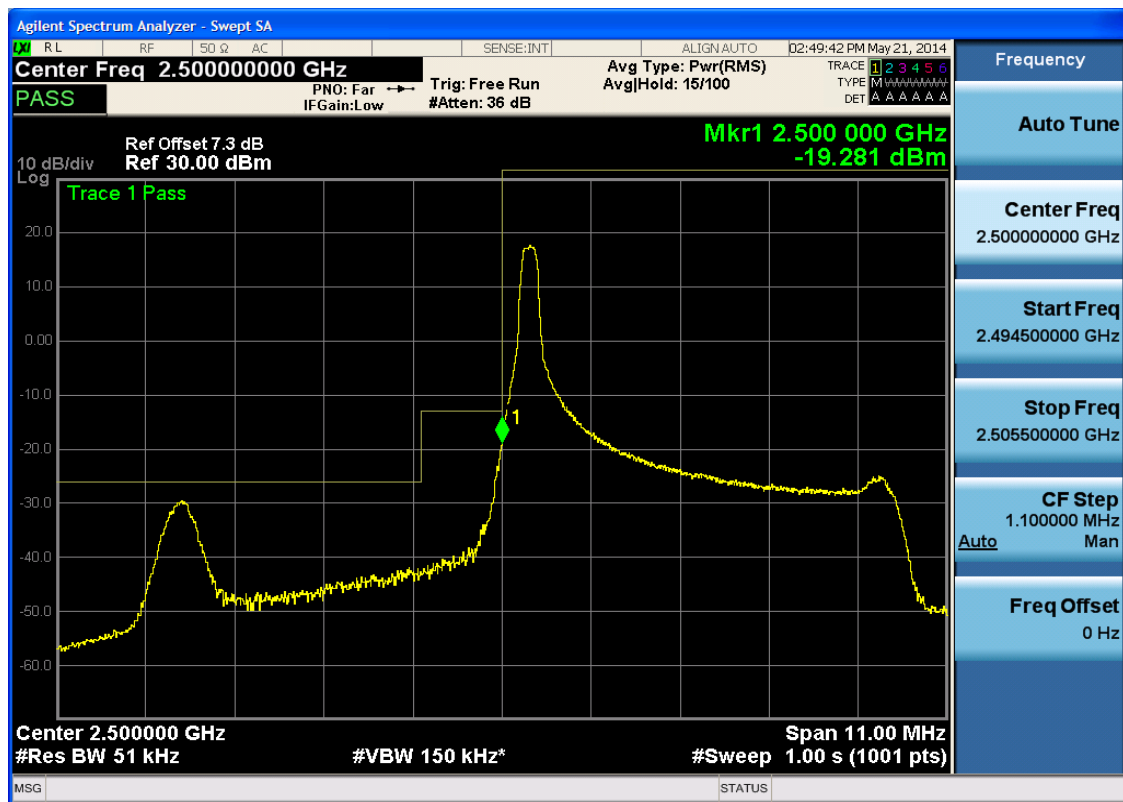


5.3.4.2 Test Mode = LTE/TM2

5.3.4.2.1 Test Bandwidth = 5

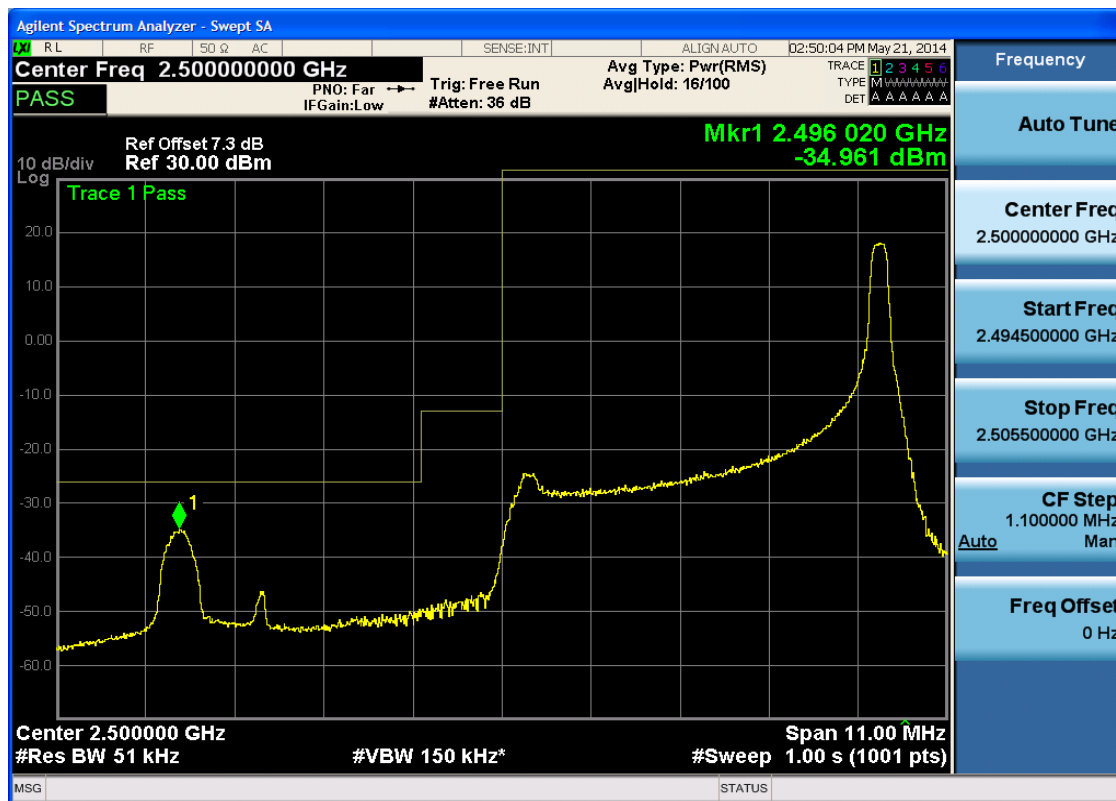
5.3.4.2.1.1 Test Channel = LCH

5.3.4.2.1.1.1 Test RB = RB1#0





5.3.4.2.1.1.2 Test RB = RB1#24





5.3.4.2.1.1.3 Test RB = RB12#6





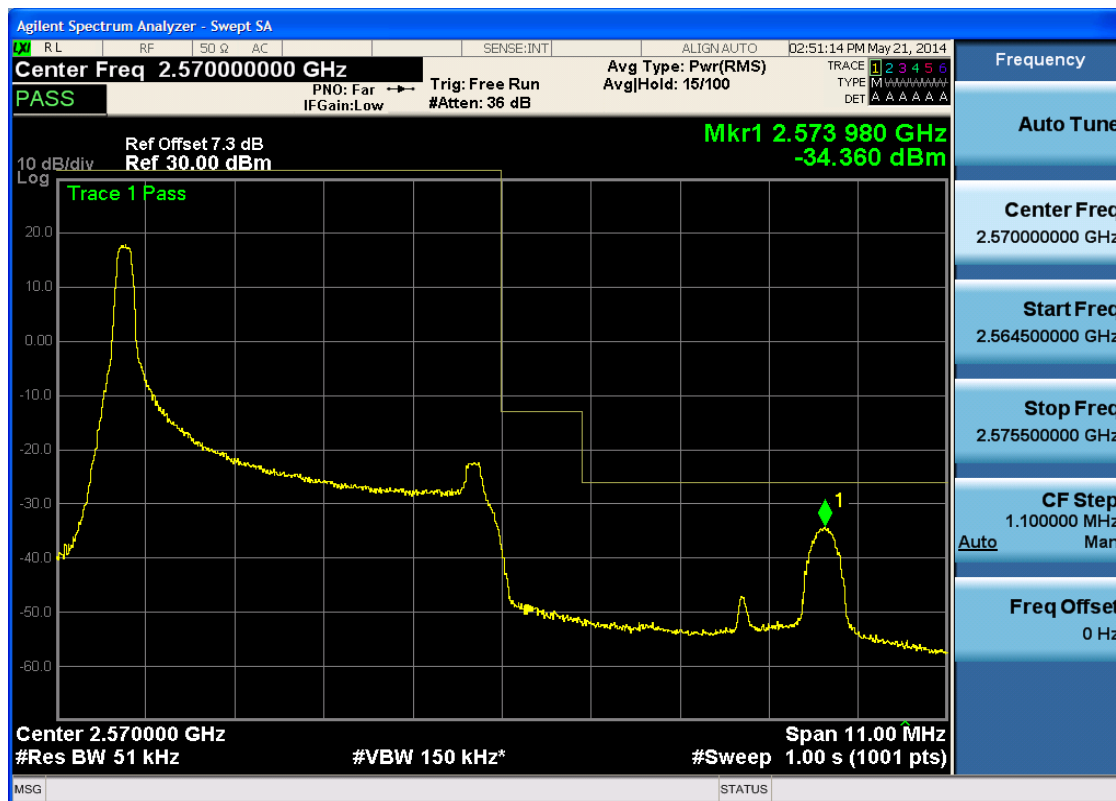
5.3.4.2.1.1.4 Test RB = RB25#0





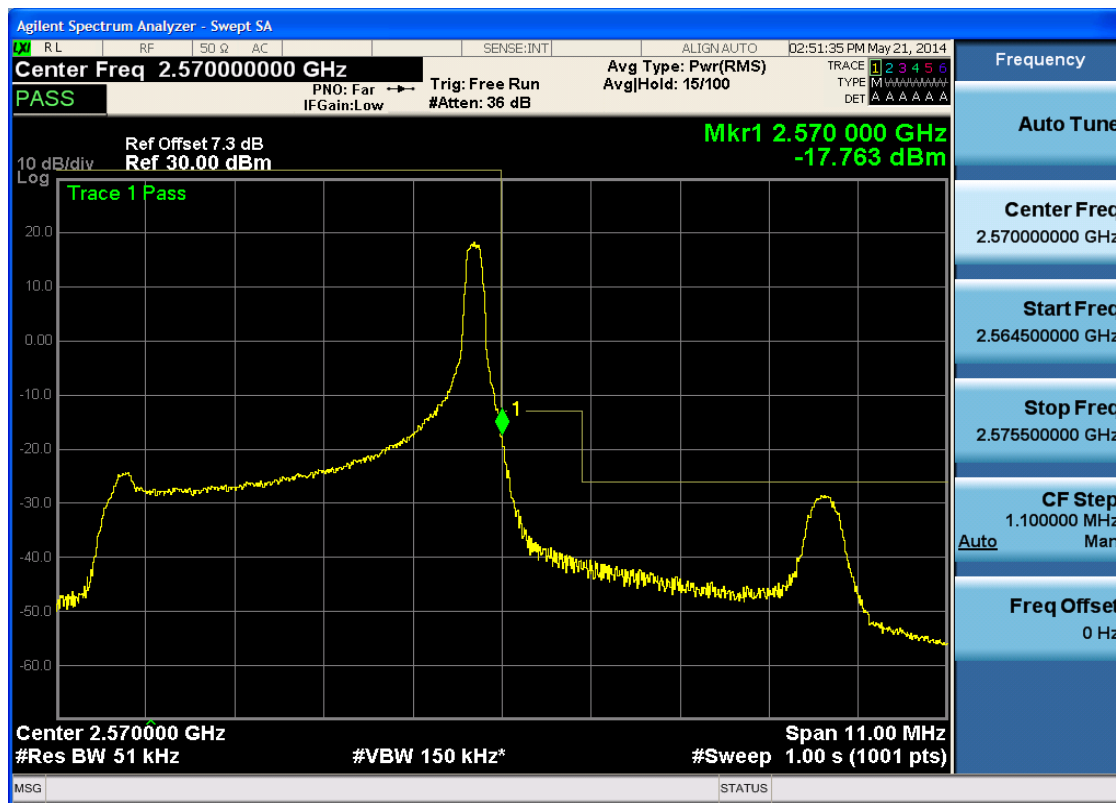
5.3.4.2.1.2 Test Channel = HCH

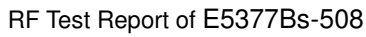
5.3.4.2.1.2.1 Test RB = RB1#0





5.3.4.2.1.2.2 Test RB = RB1#24



[illegible]



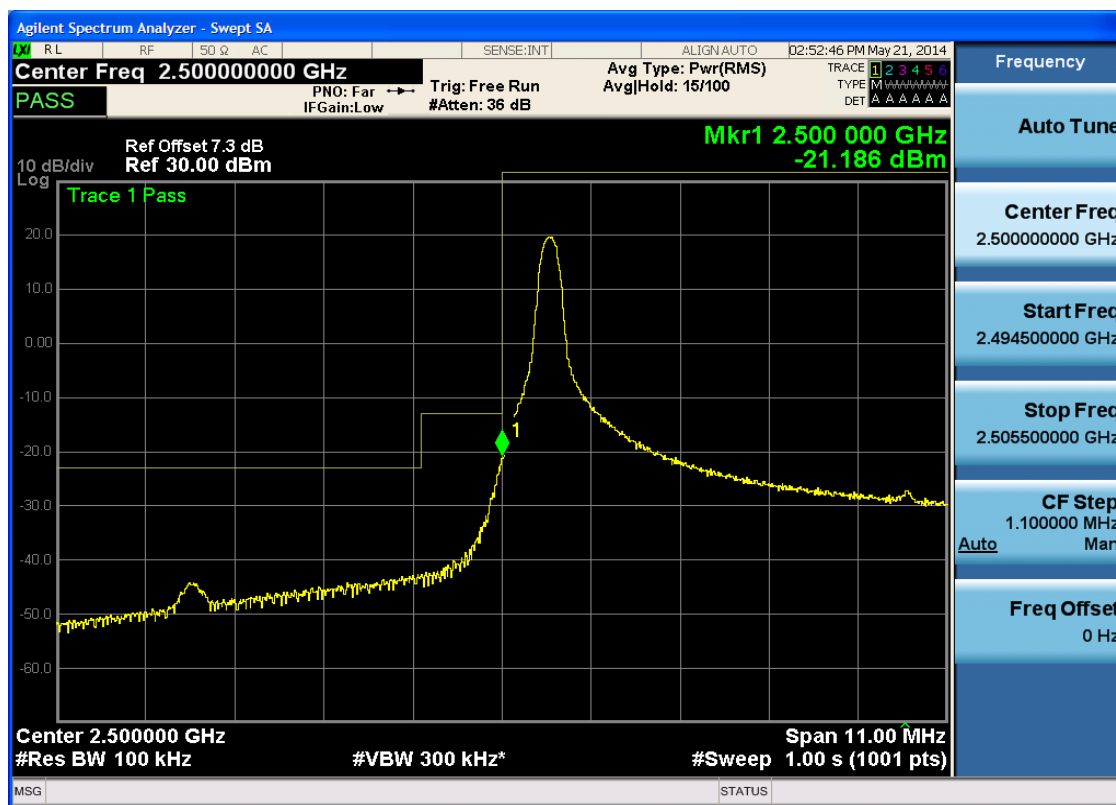
5.3.4.2.1.2.4 Test RB = RB25#0



5.3.4.2.2 Test Bandwidth = 10

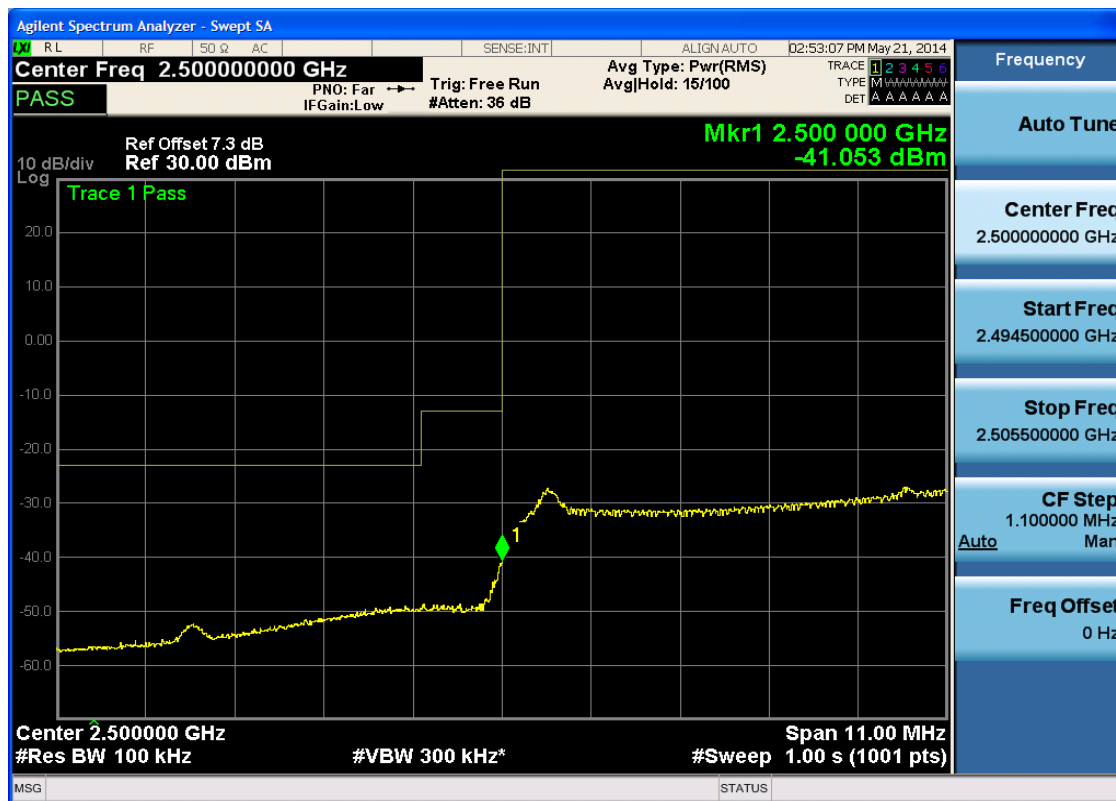
5.3.4.2.2.1 Test Channel = LCH

5.3.4.2.2.1.1 Test RB = RB1#0



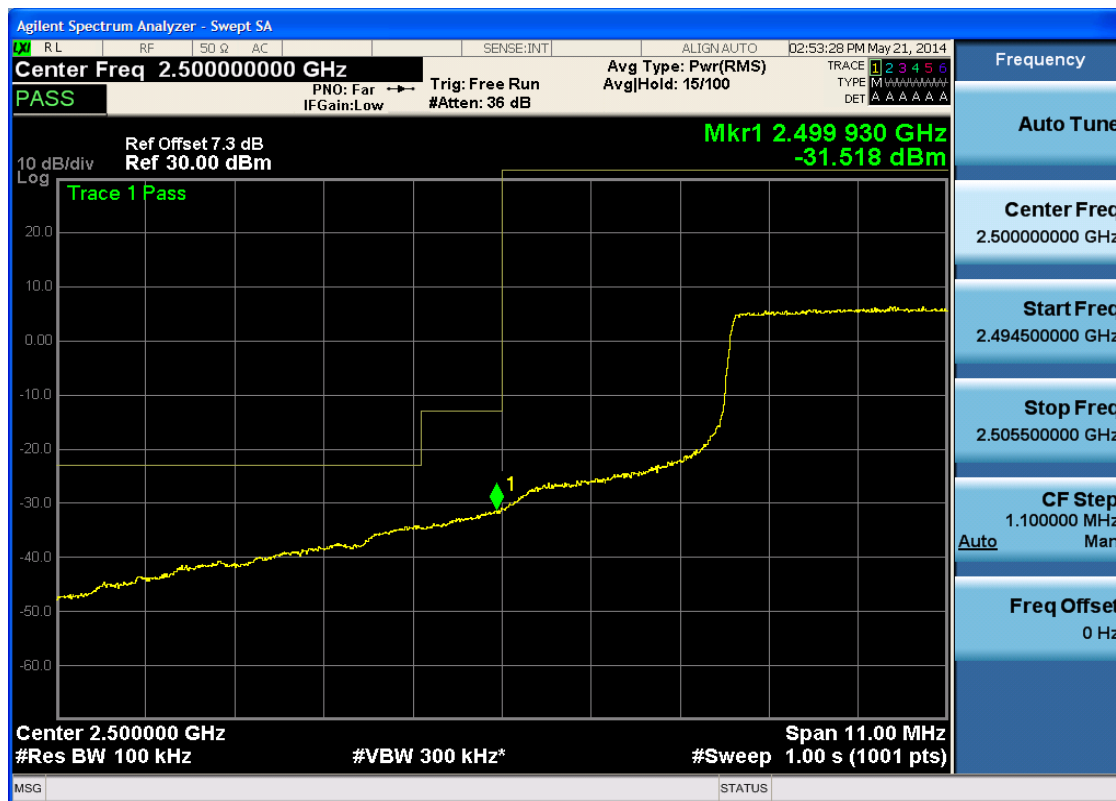


5.3.4.2.2.1.2 Test RB = RB1#49





5.3.4.2.2.1.3 Test RB = RB25#13





5.3.4.2.2.1.4 Test RB = RB50#0





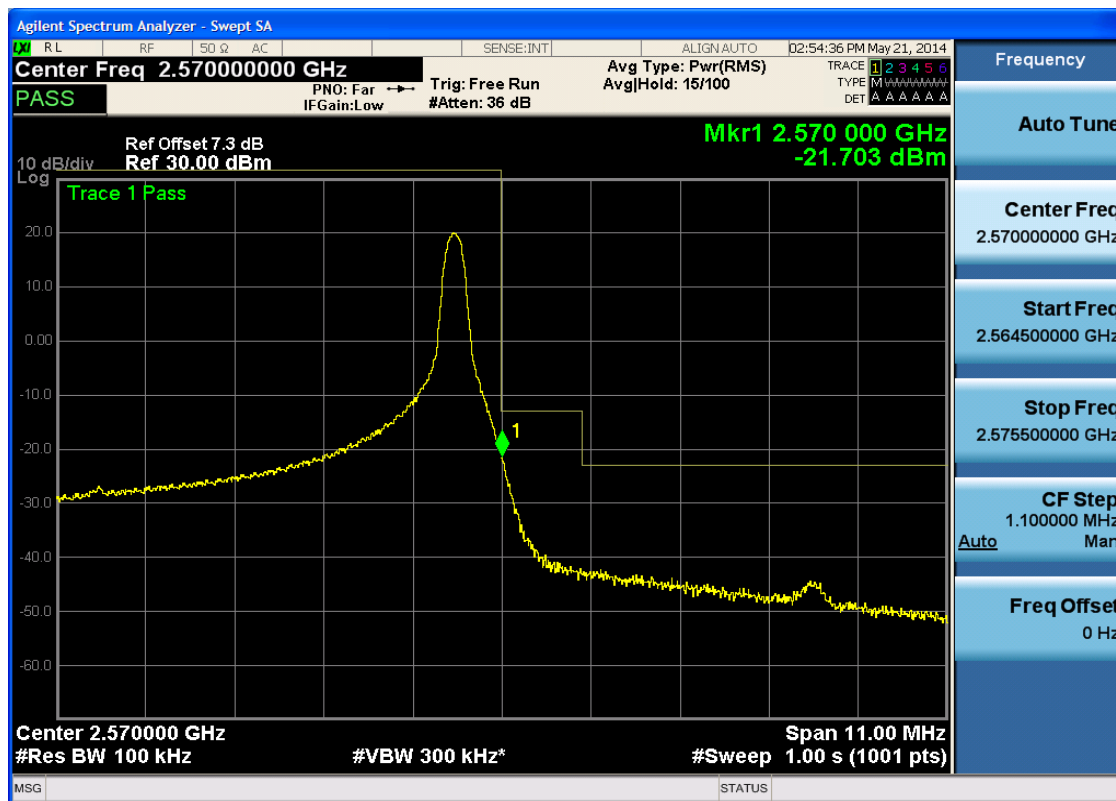
5.3.4.2.2.2 Test Channel = HCH

5.3.4.2.2.2.1 Test RB = RB1#0





5.3.4.2.2.2 Test RB = RB1#49





5.3.4.2.2.3 Test RB = RB25#13





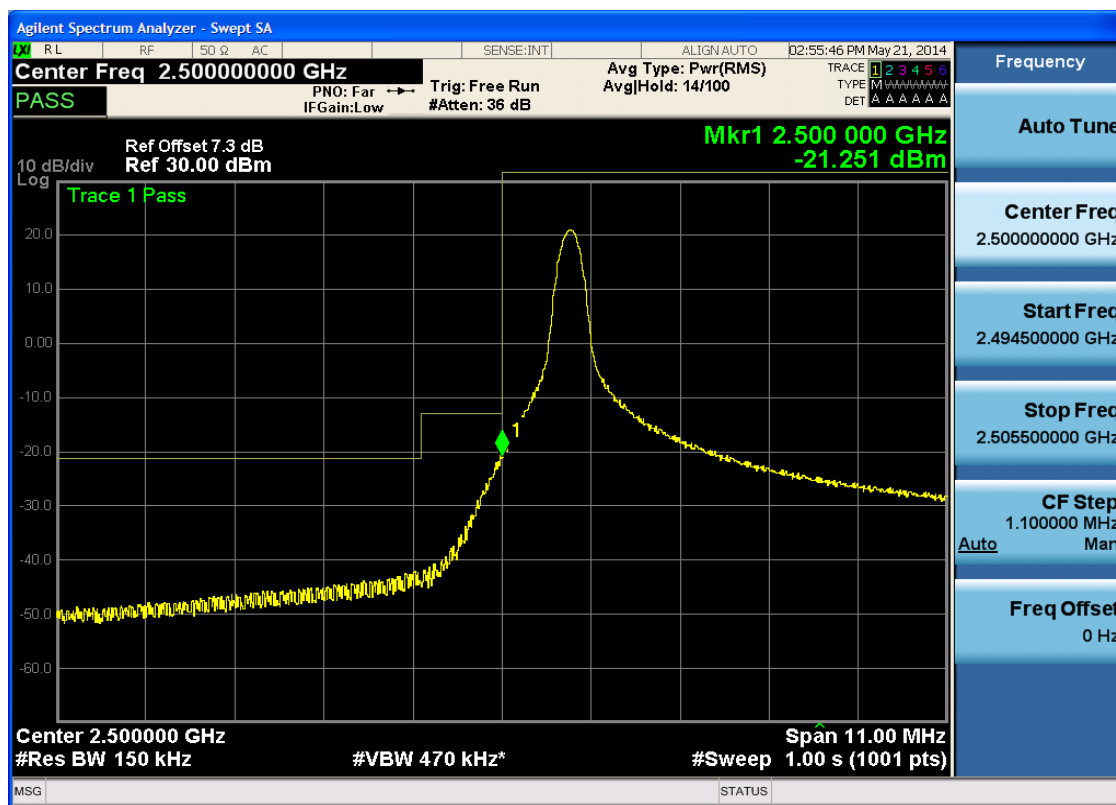
5.3.4.2.2.4 Test RB = RB50#0



5.3.4.2.3 Test Bandwidth = 15

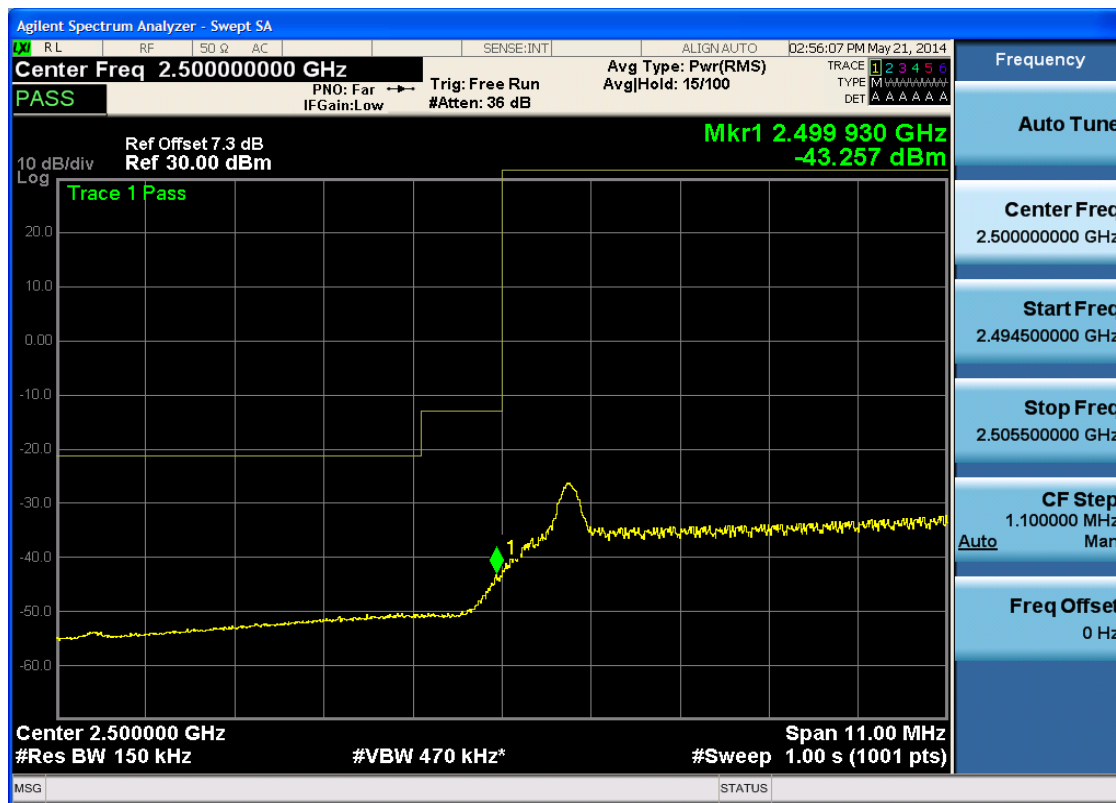
5.3.4.2.3.1 Test Channel = LCH

5.3.4.2.3.1.1 Test RB = RB1#0



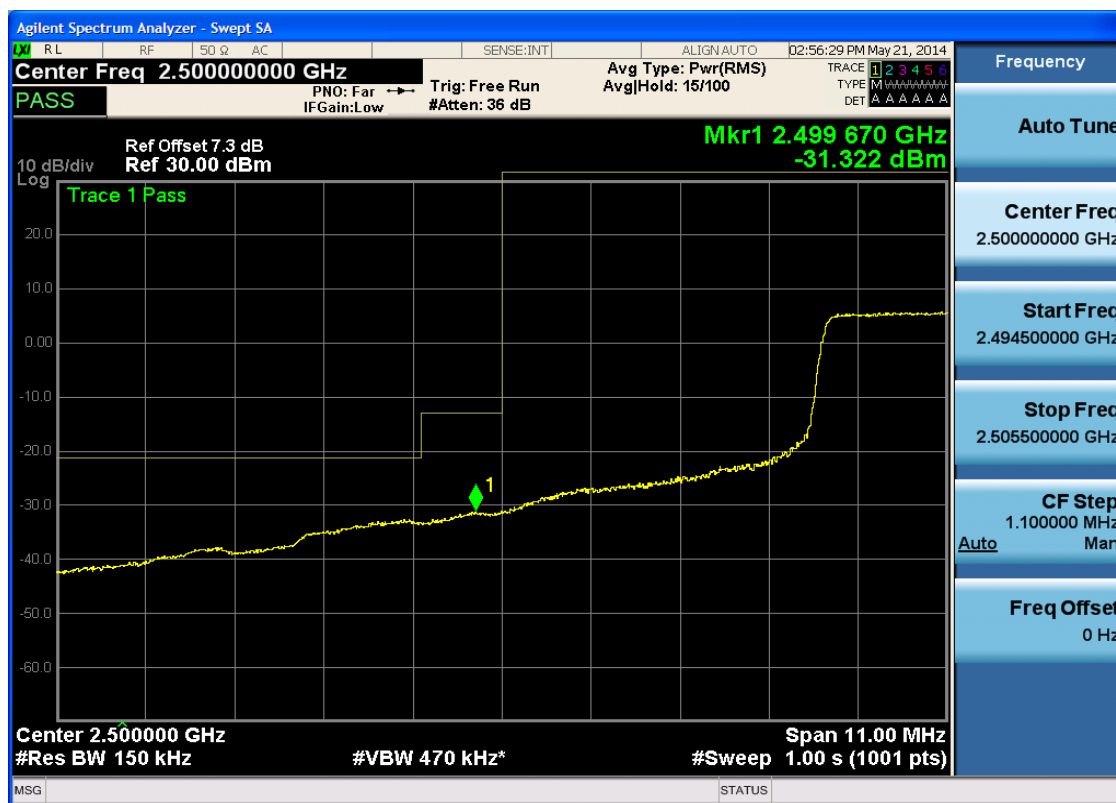


5.3.4.2.3.1.2 Test RB = RB1#74



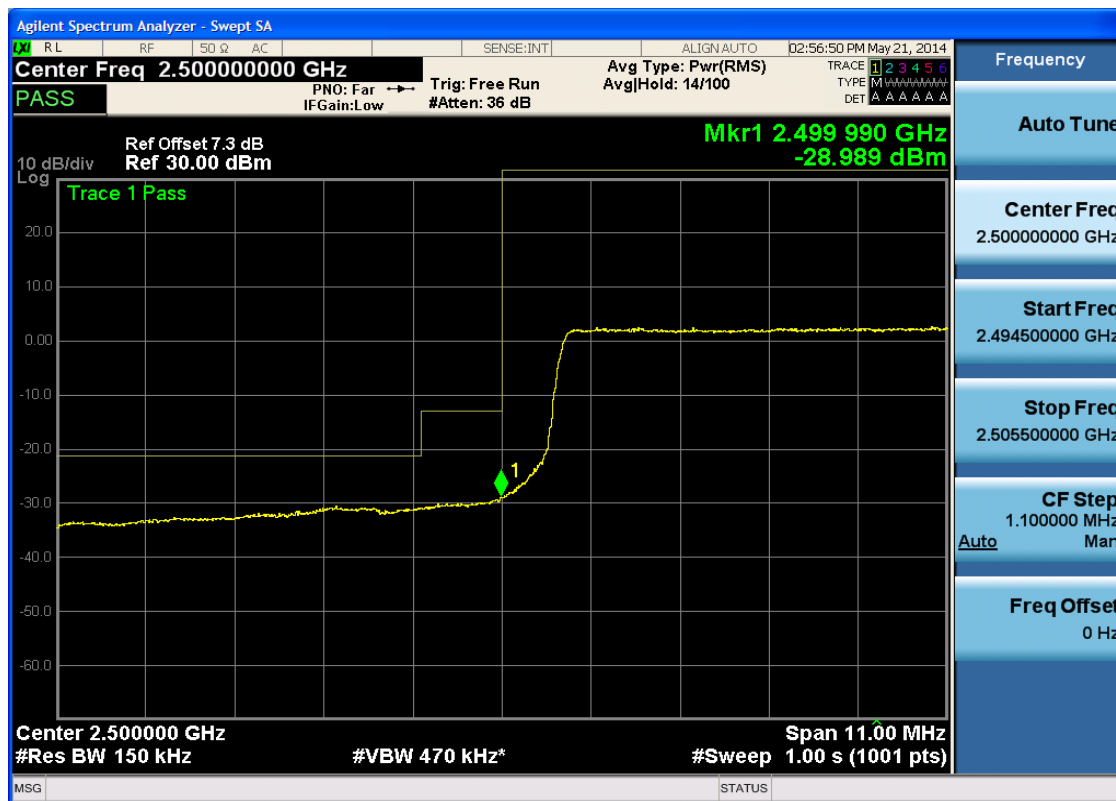


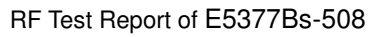
5.3.4.2.3.1.3 Test RB = RB36#18



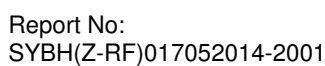


5.3.4.2.3.1.4 Test RB = RB75#0



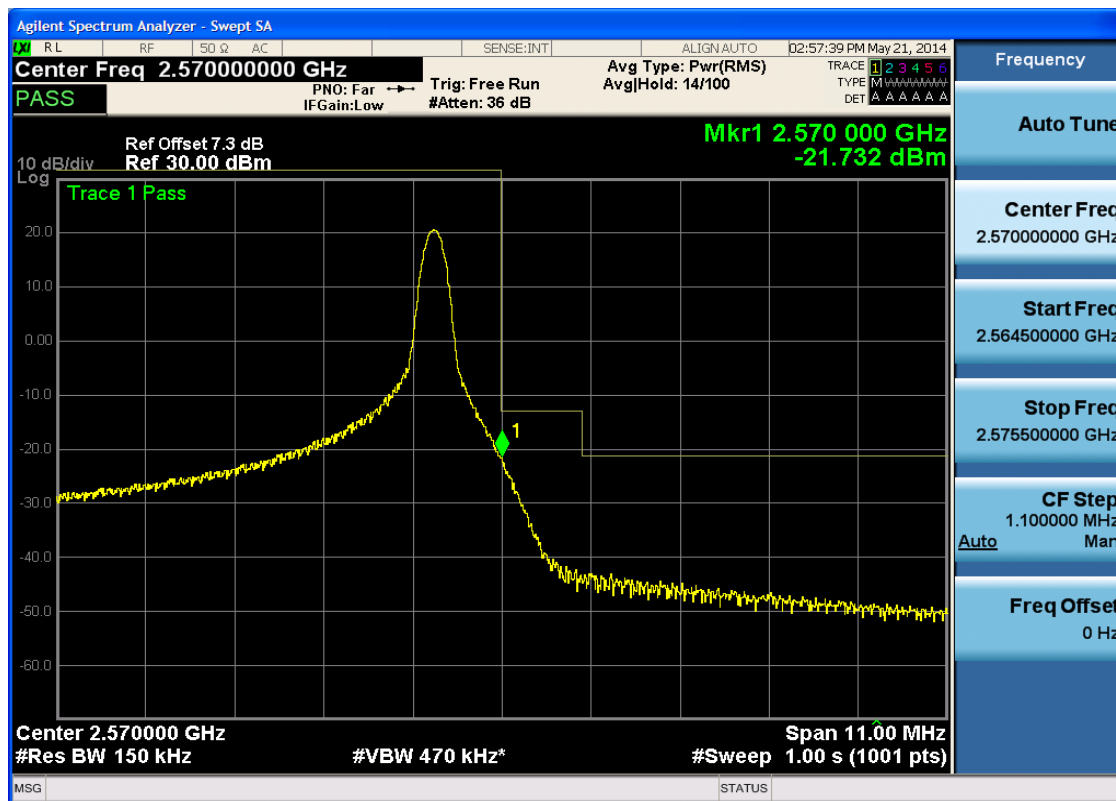


5.3.4.2.3.2.1 Test RB = RB1#0





5.3.4.2.3.2.2 Test RB = RB1#74



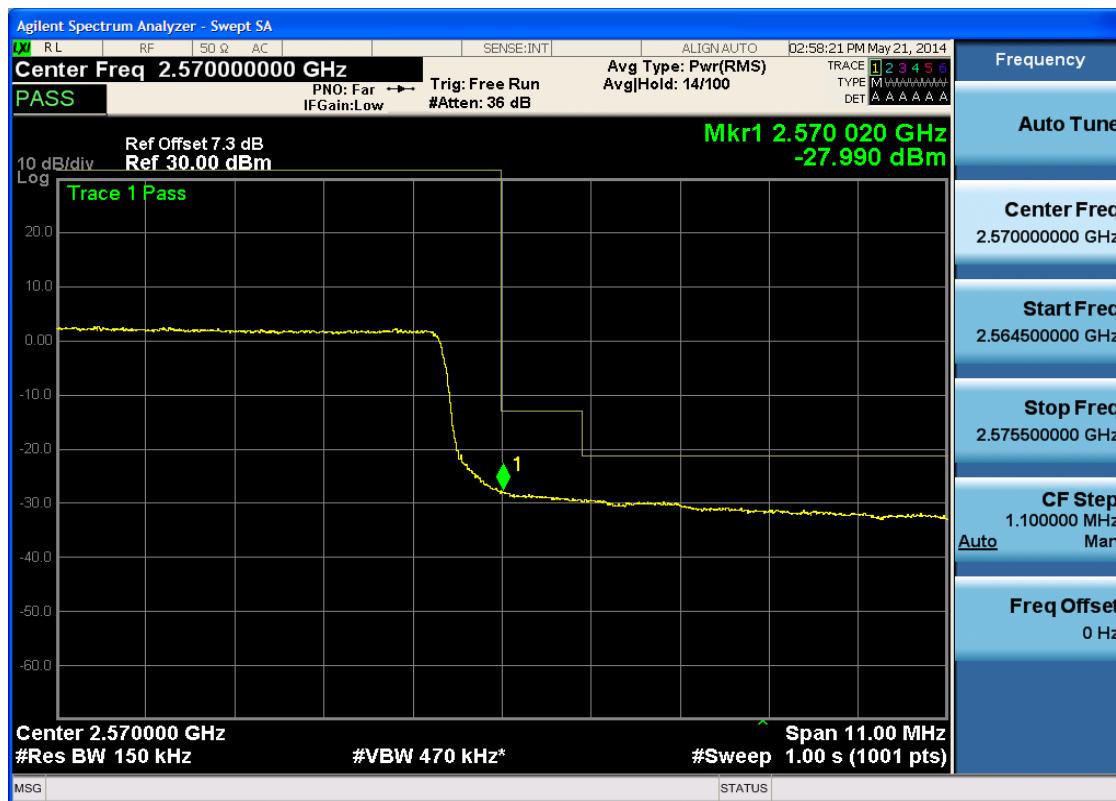


5.3.4.2.3.2.3 Test RB = RB36#18





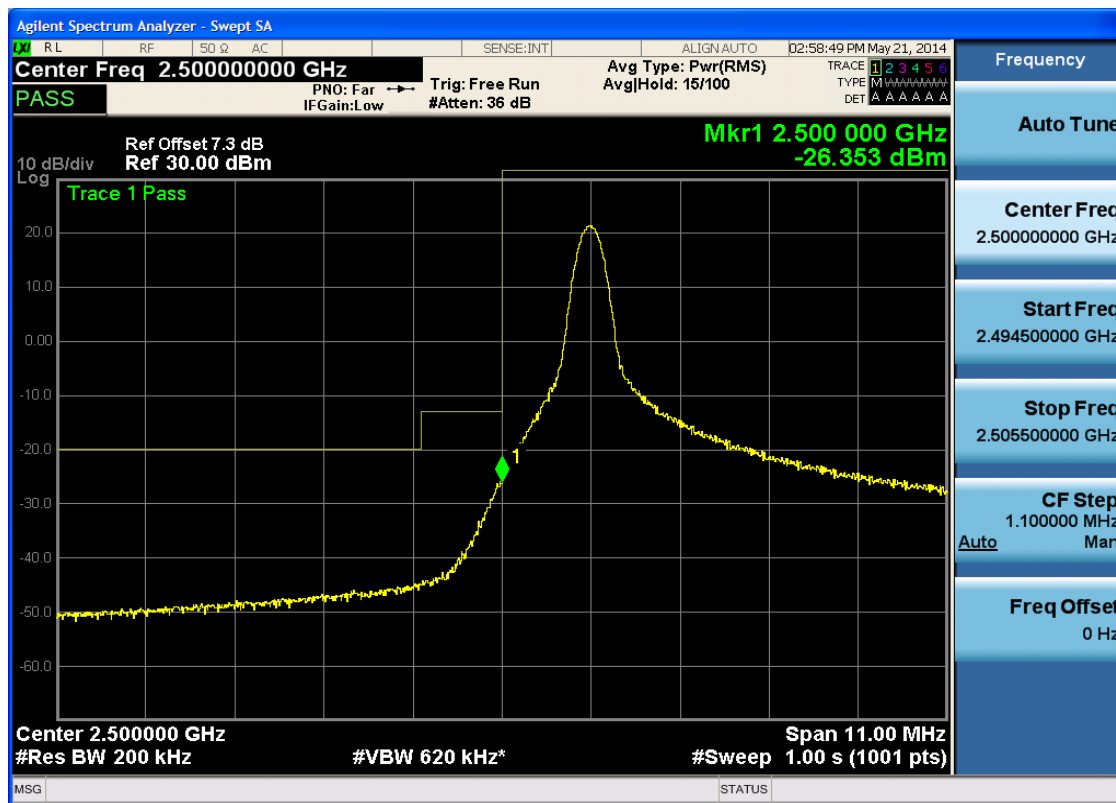
5.3.4.2.3.2.4 Test RB = RB75#0



5.3.4.2.4 Test Bandwidth = 20

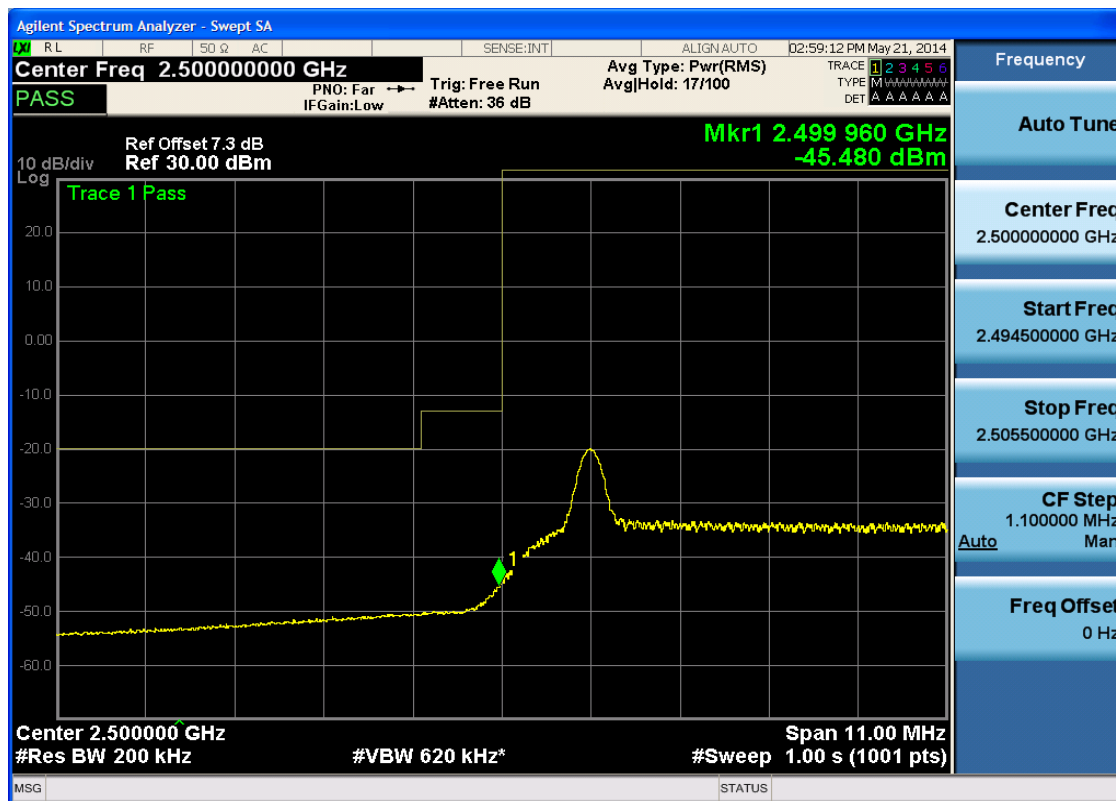
5.3.4.2.4.1 Test Channel = LCH

5.3.4.2.4.1.1 Test RB = RB1#0



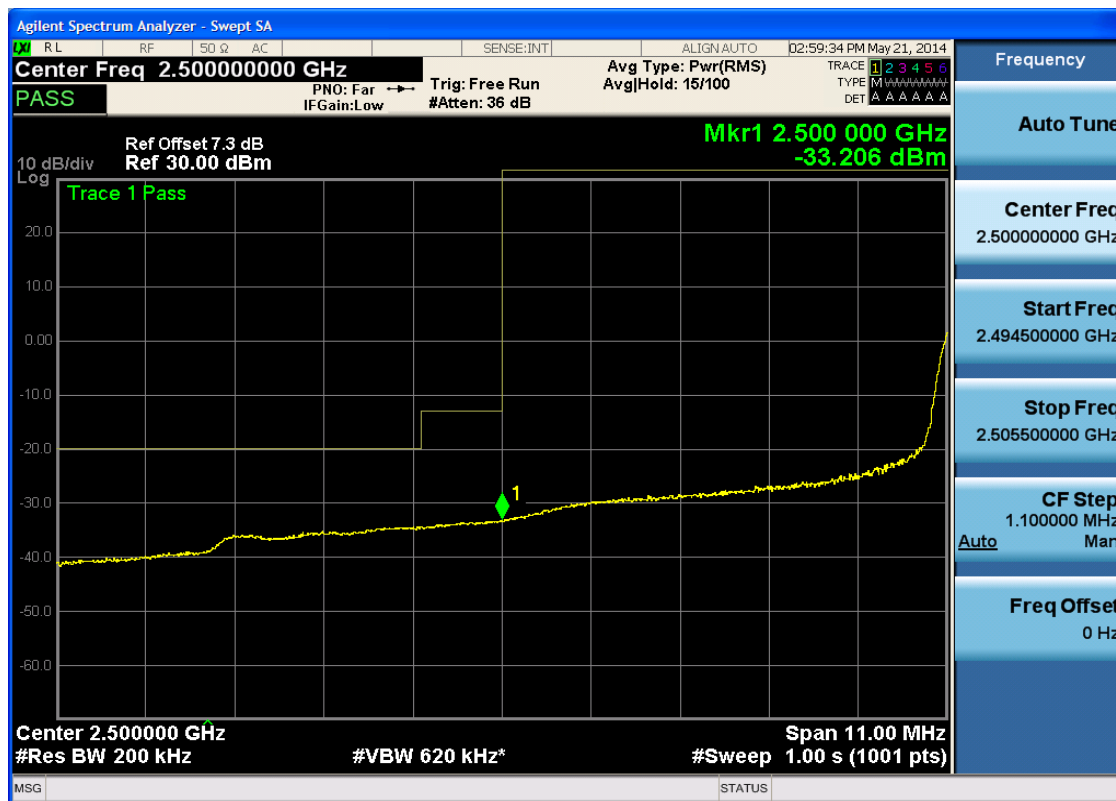


5.3.4.2.4.1.2 Test RB = RB1#99



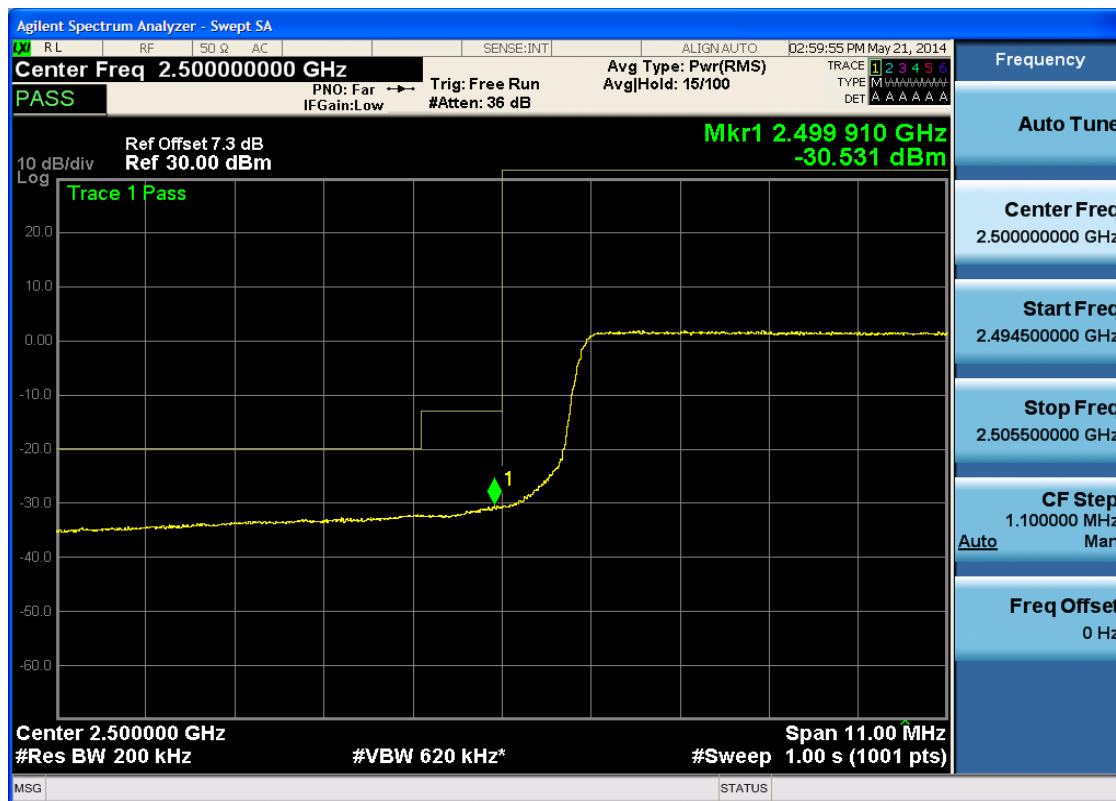


5.3.4.2.4.1.3 Test RB = RB50#25





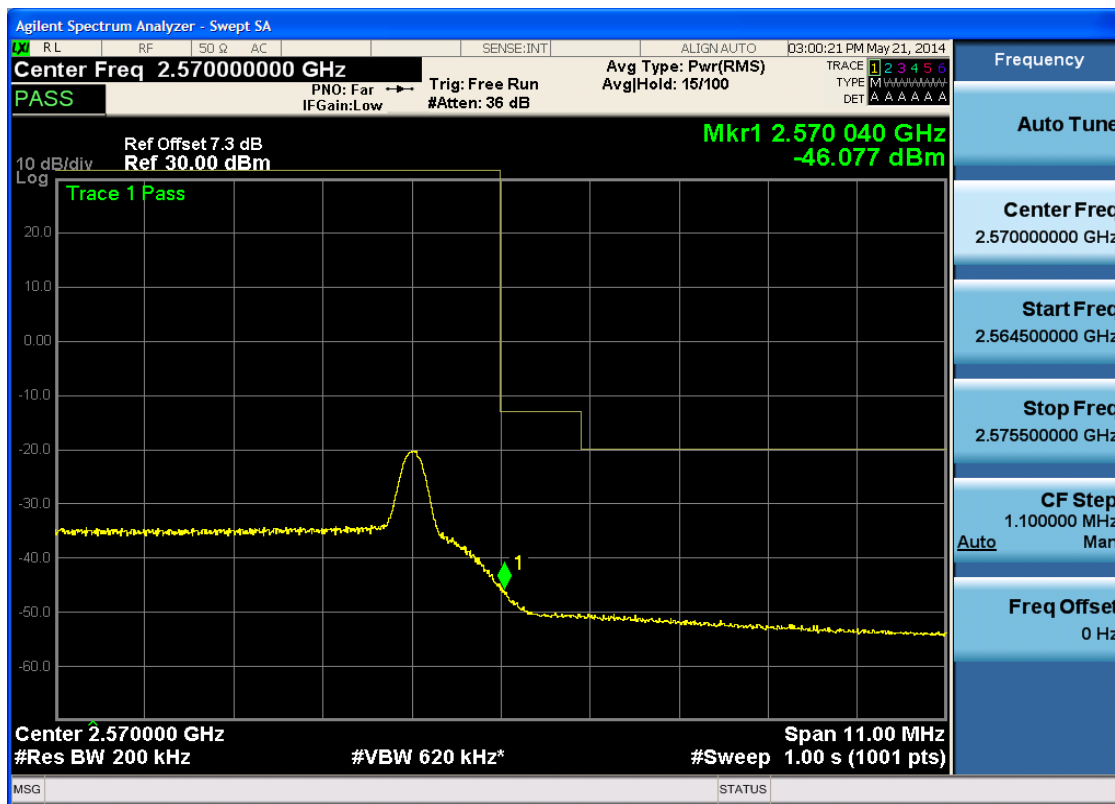
5.3.4.2.4.1.4 Test RB = RB100#0





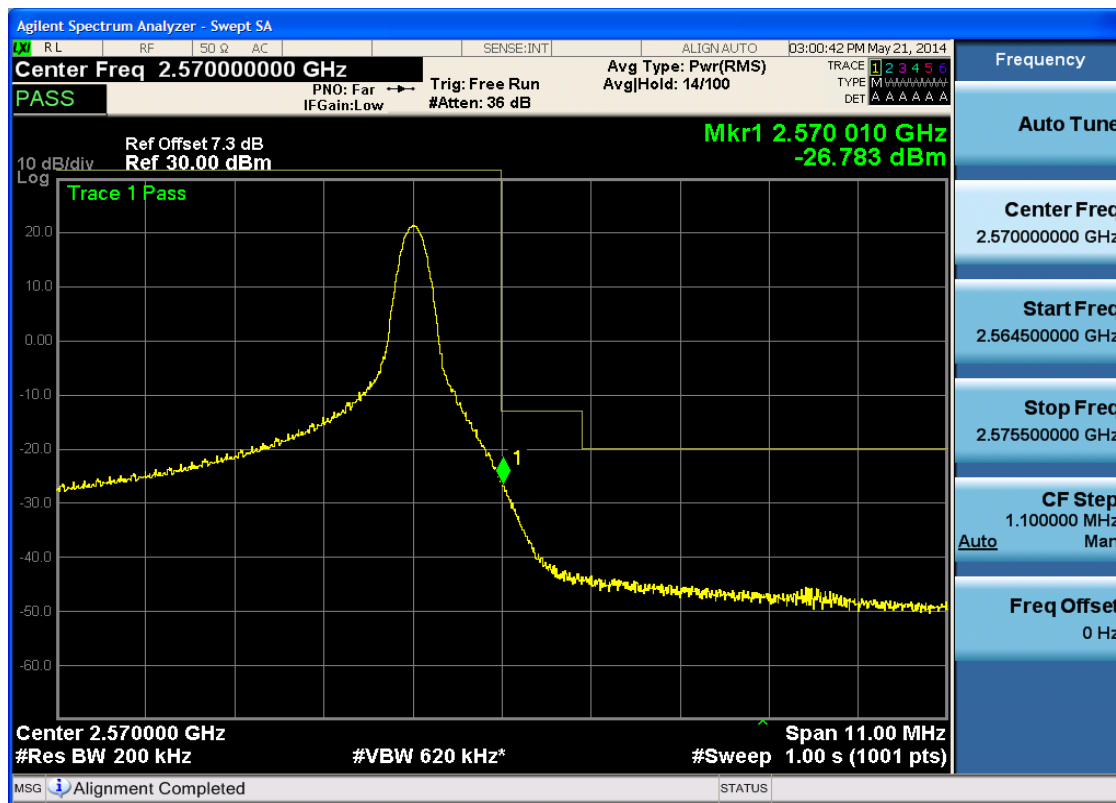
5.3.4.2.4.2 Test Channel = HCH

5.3.4.2.4.2.1 Test RB = RB1#0





5.3.4.2.4.2.2 Test RB = RB1#99





5.3.4.2.4.2.3 Test RB = RB50#25





5.3.4.2.4.2.4 Test RB = RB100#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.

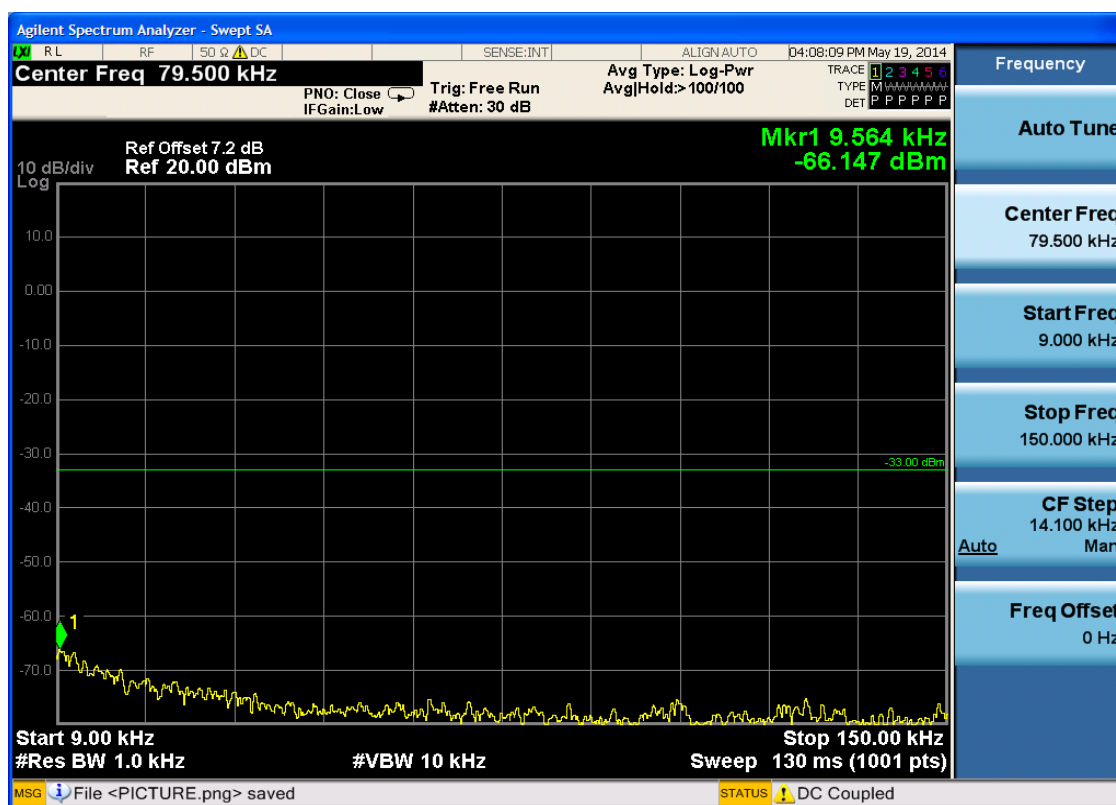
Part I - Test Plots

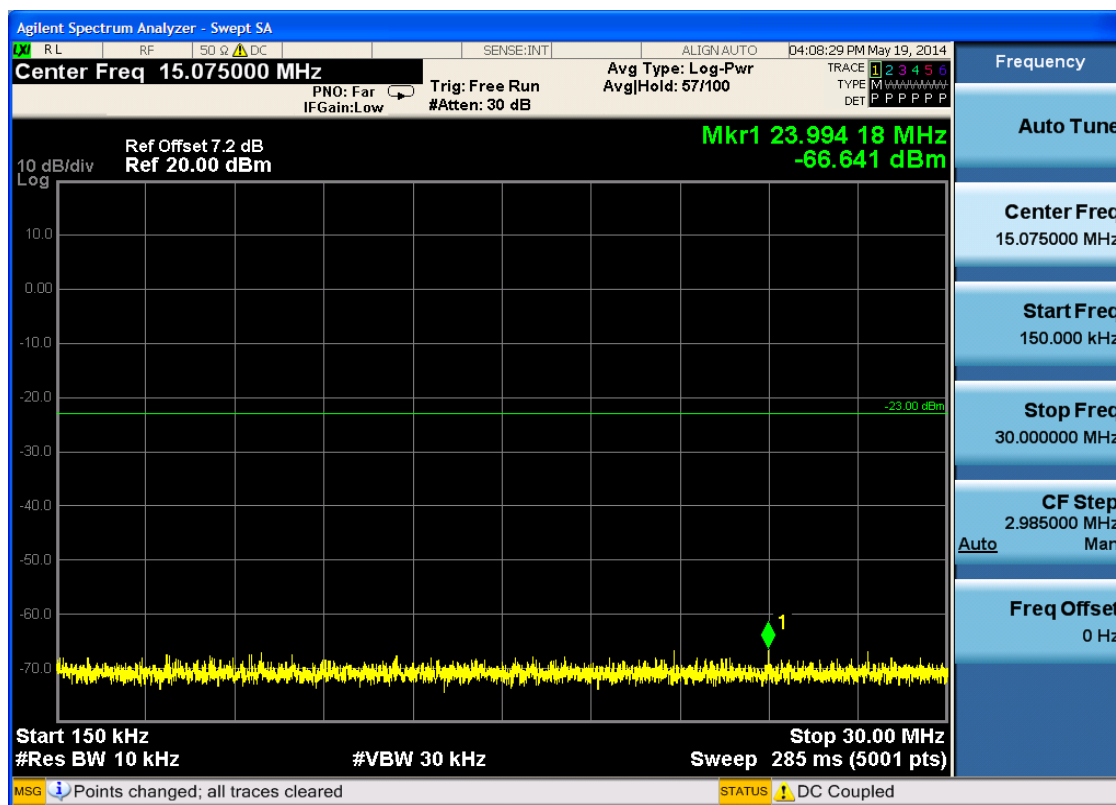
6.1 For GSM

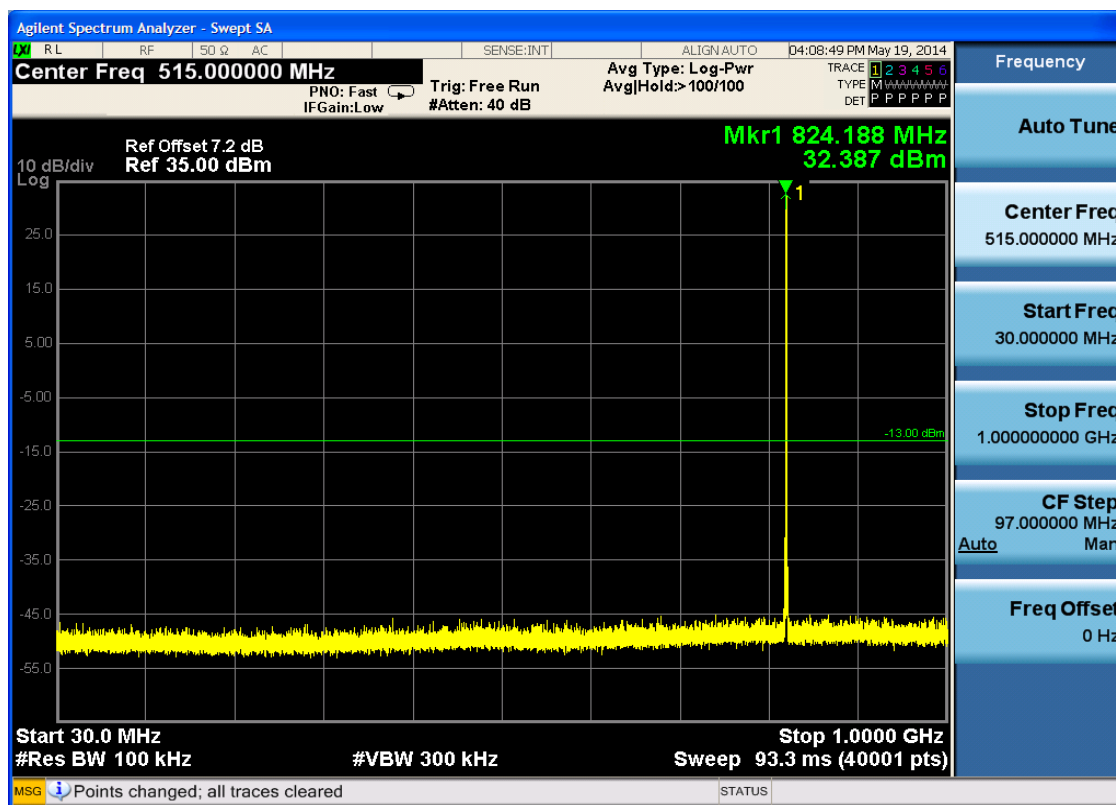
6.1.1 Test Band = GSM850

6.1.1.1 Test Mode = GSM/TM1

6.1.1.1.1 Test Channel = LCH



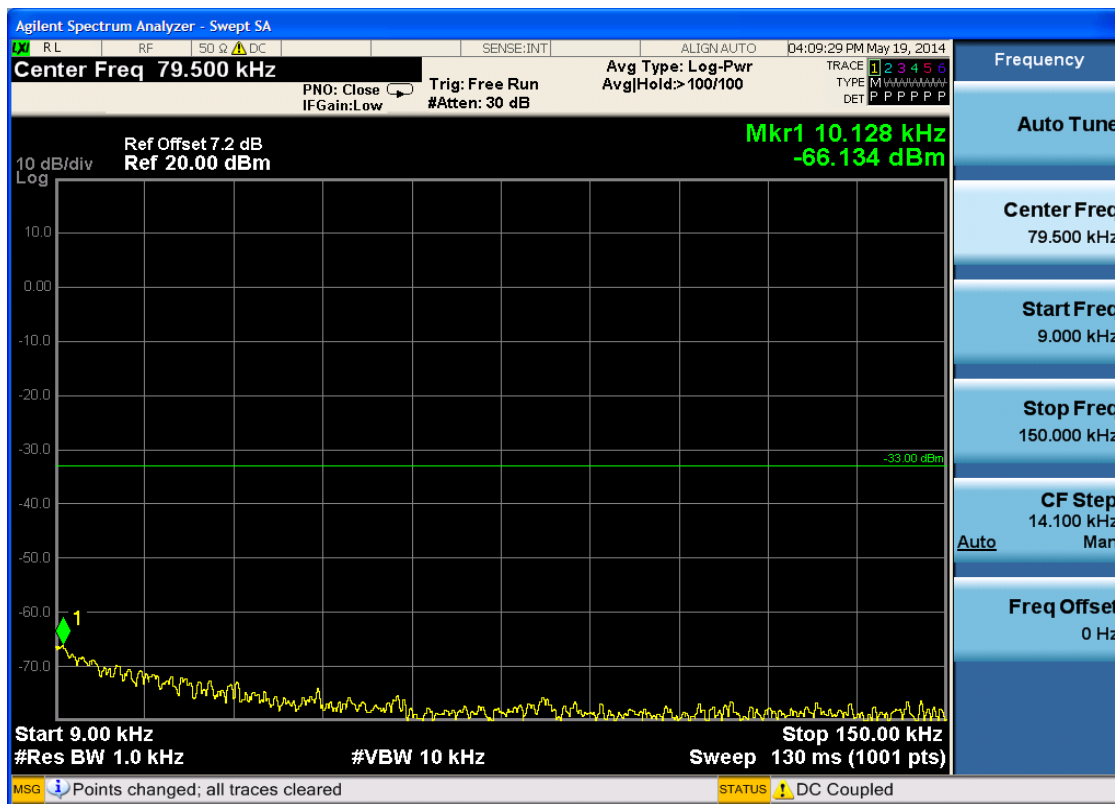


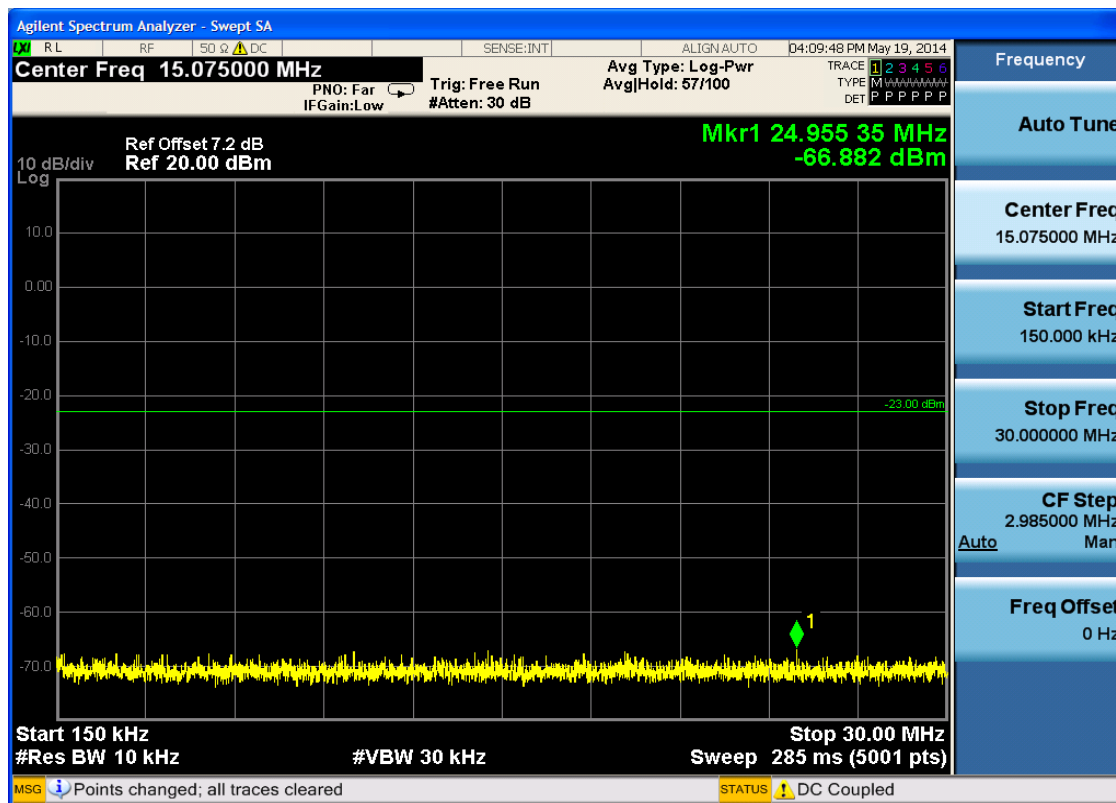


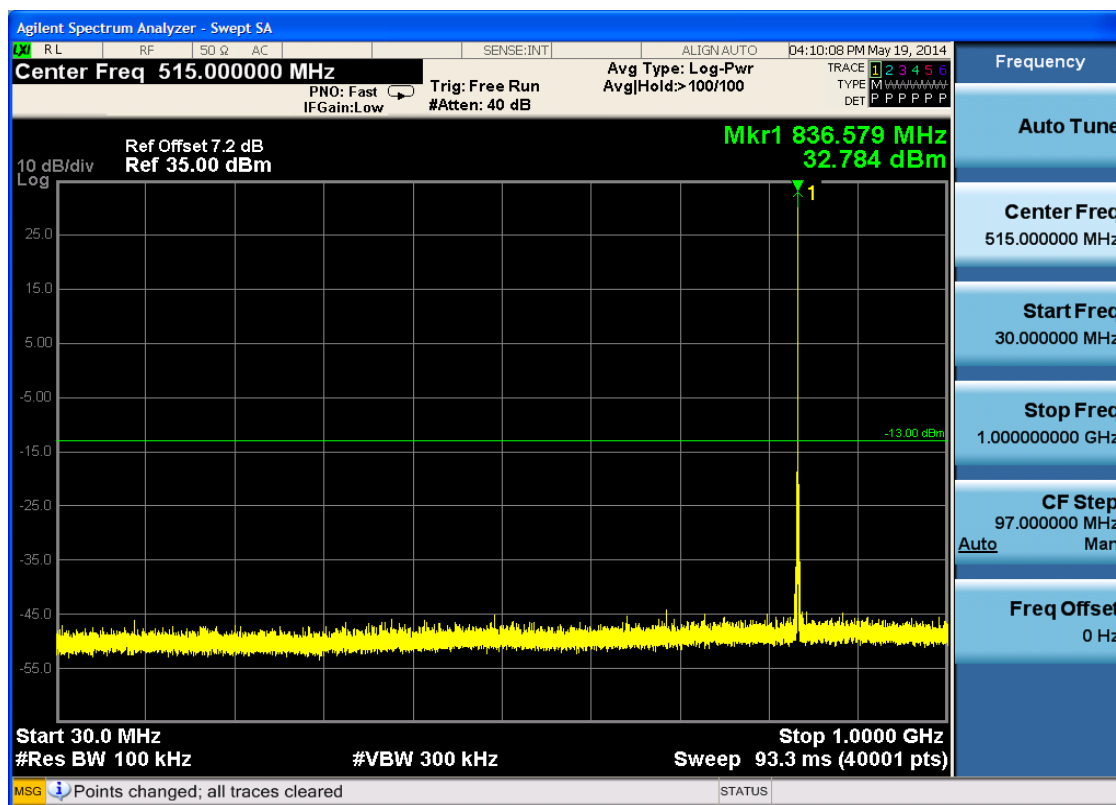


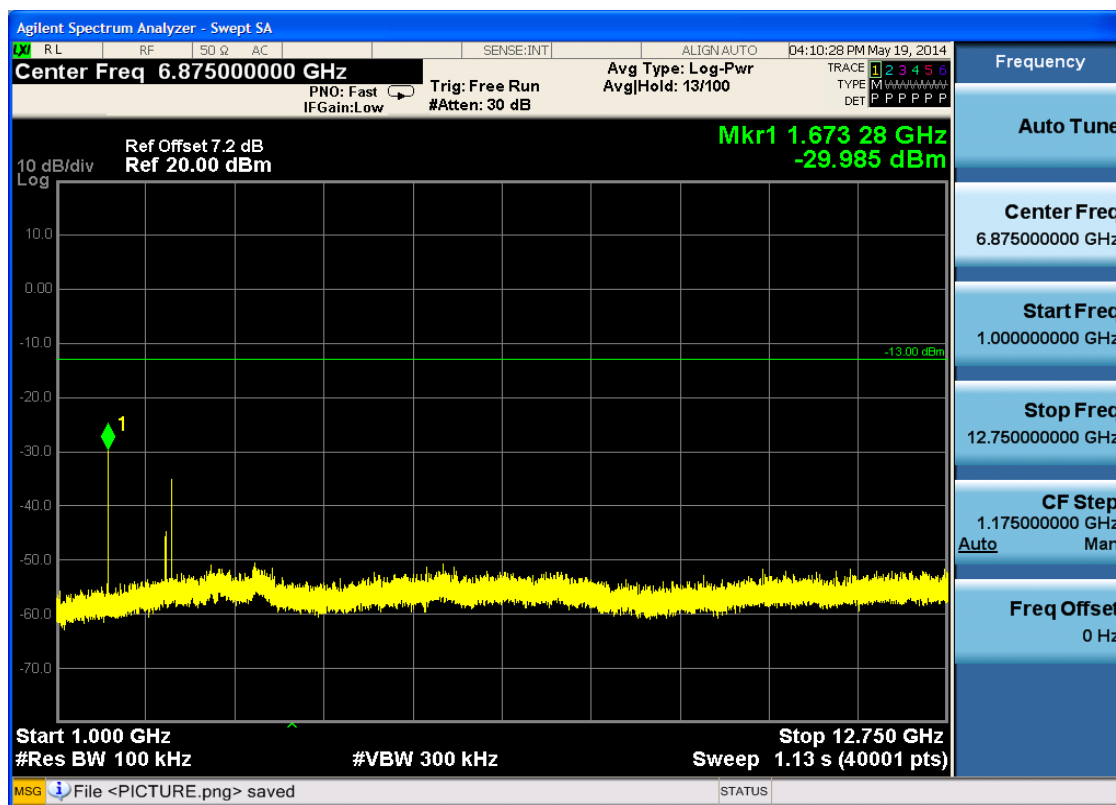


6.1.1.1.2 Test Channel = MCH



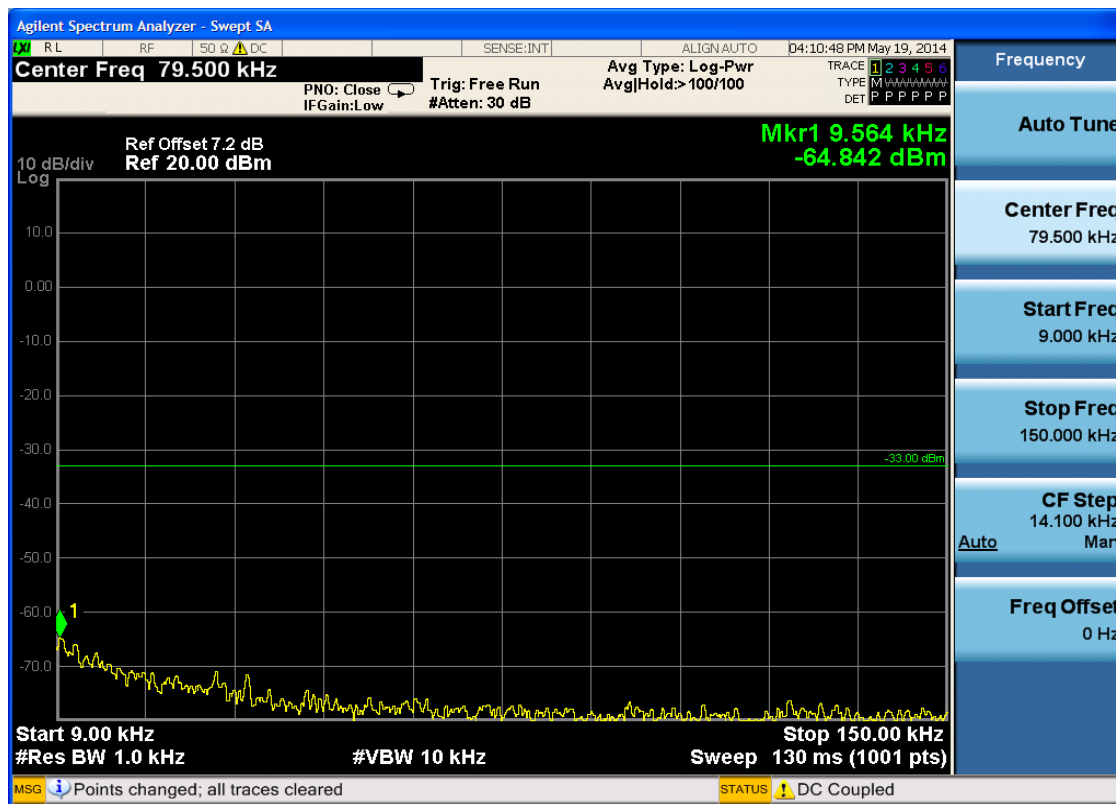


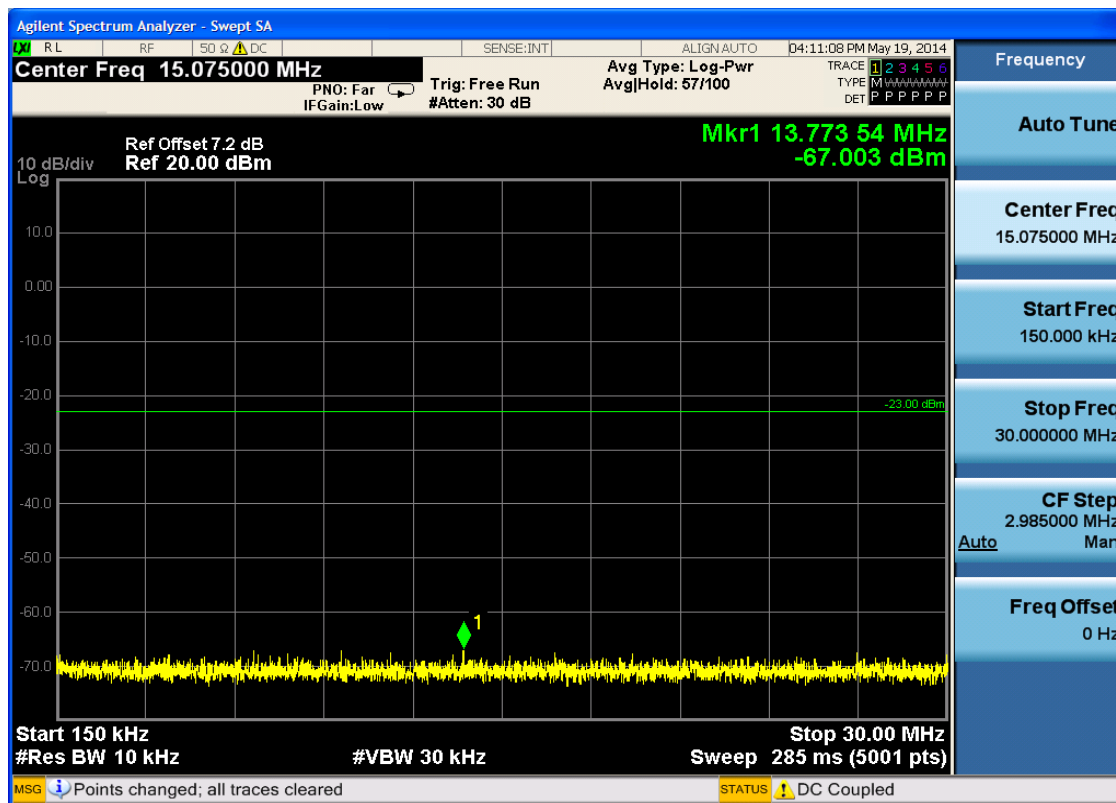


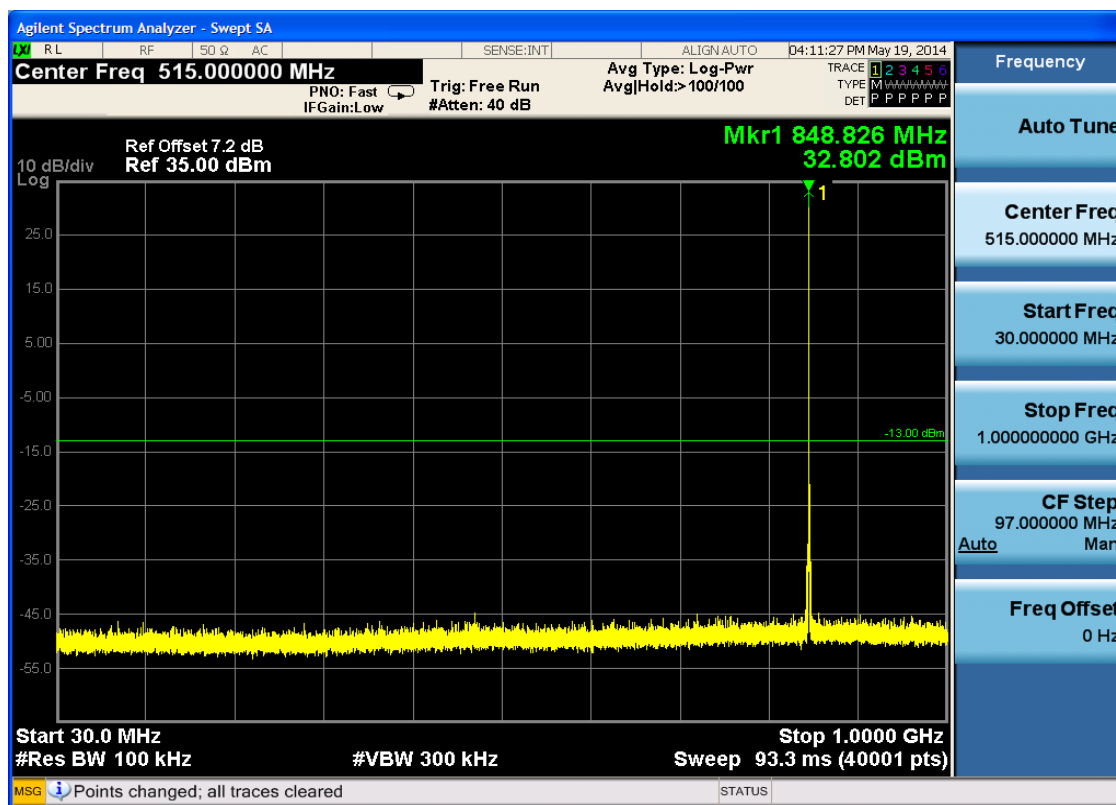


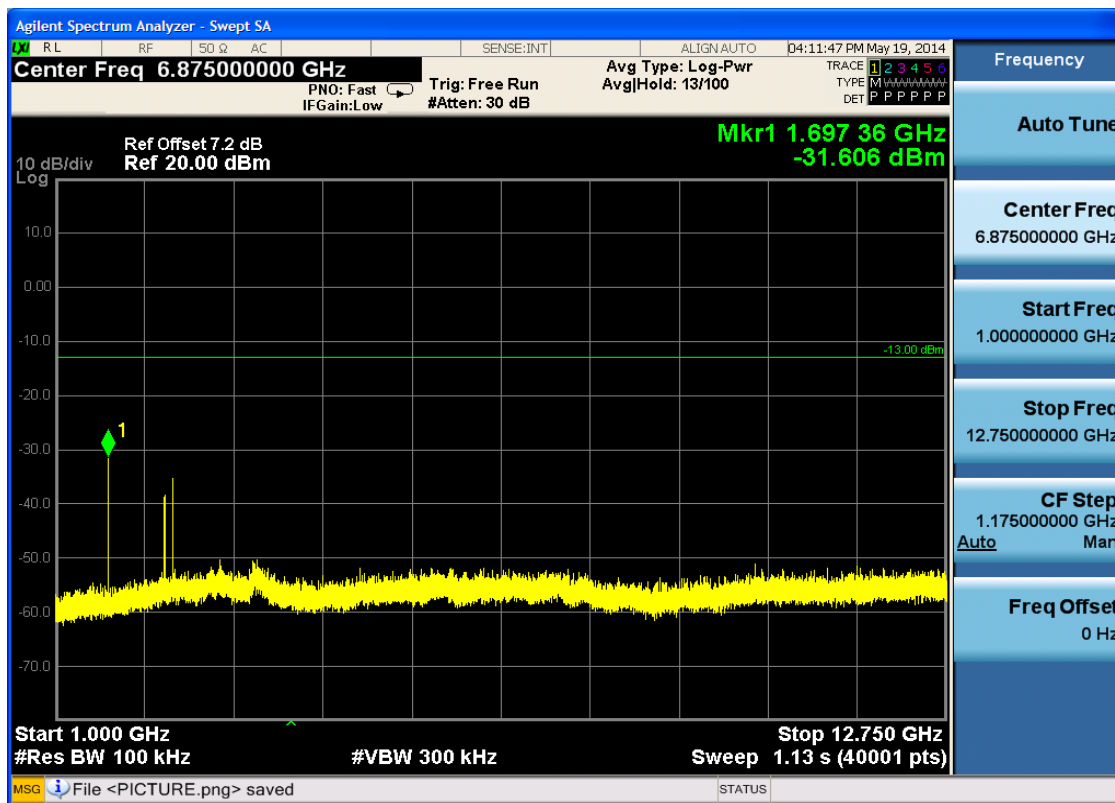


6.1.1.1.3 Test Channel = HCH



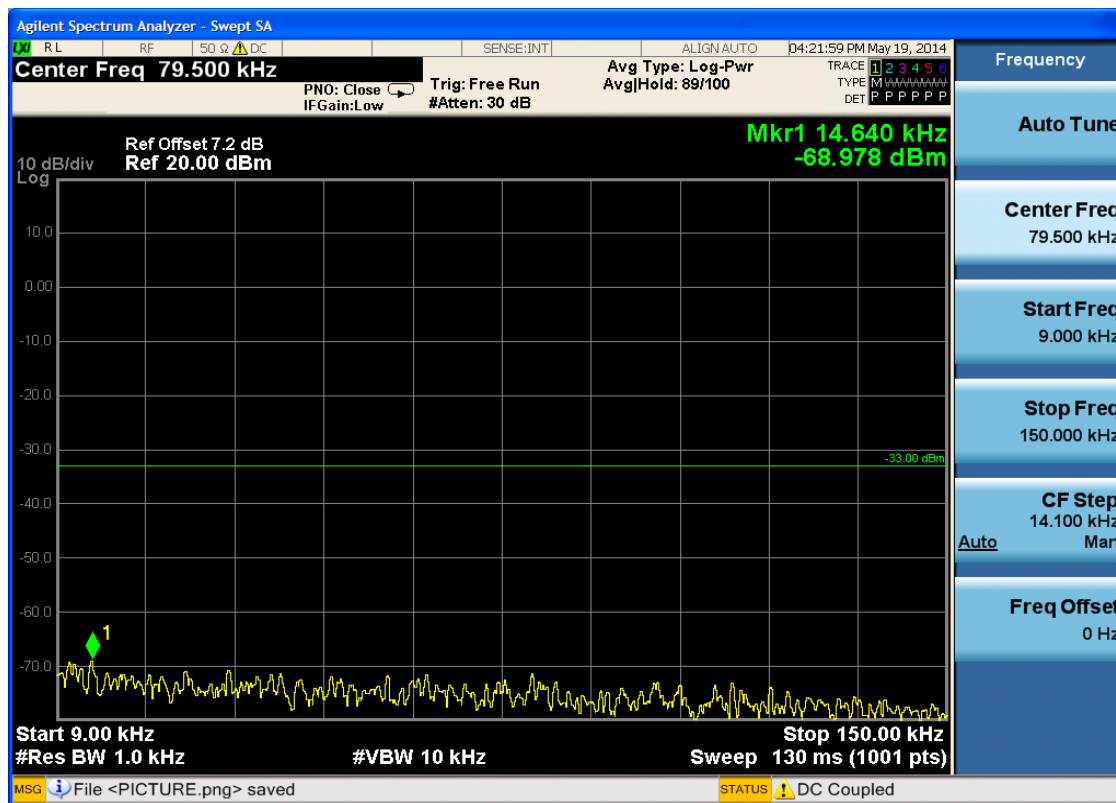


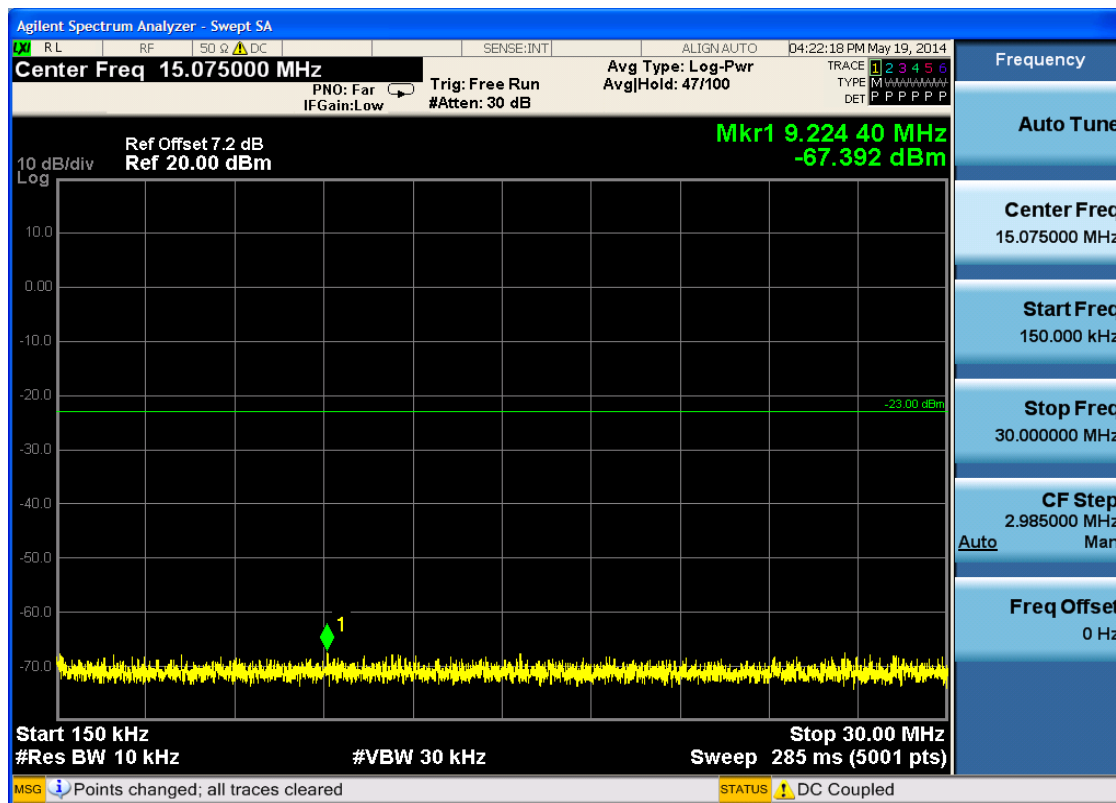


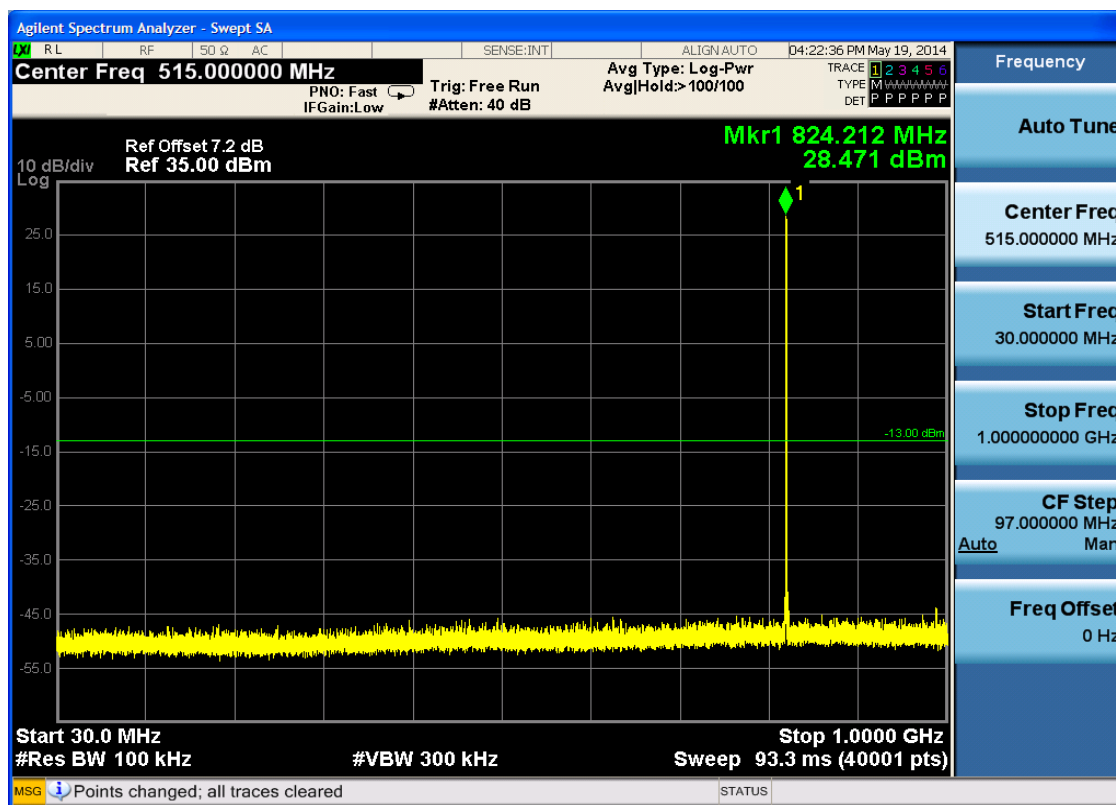


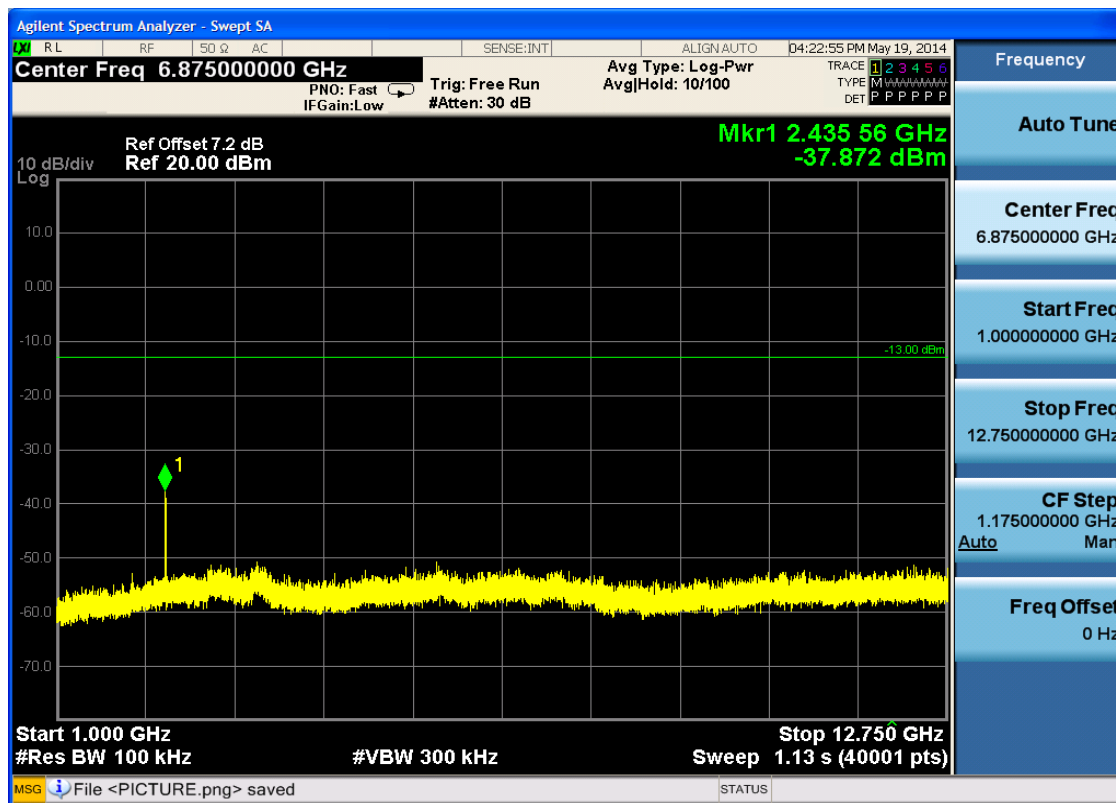
6.1.1.2 Test Mode = GSM/TM2

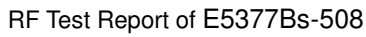
6.1.1.2.1 Test Channel = LCH











Agilent Spectrum Analyzer - Swept SA

R L	RF	50 Ω DC	SENSE:INT	ALIGN AUTO	D4:23:15 PM May 19, 2014
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Center Freq 79.500 kHz

PNO: Close IFGain: Low Trig: Free Run Avg Type: Log-Pwr
#Atten: 30 dB Avg|Hold: 89/100

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

Ref Offset 7.2 dB
Ref 20.00 dBm

10 dB/div
Log

Mkr1 11.679 kHz
-67.215 dBm

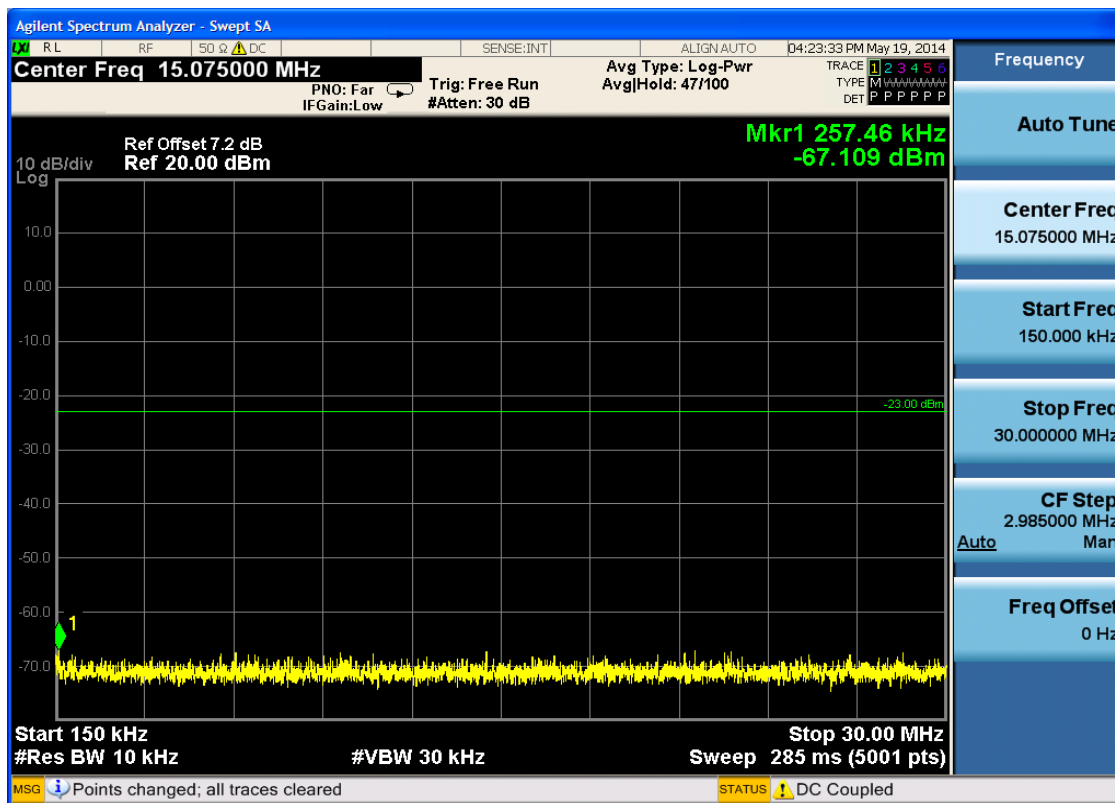
-33.00 dBm

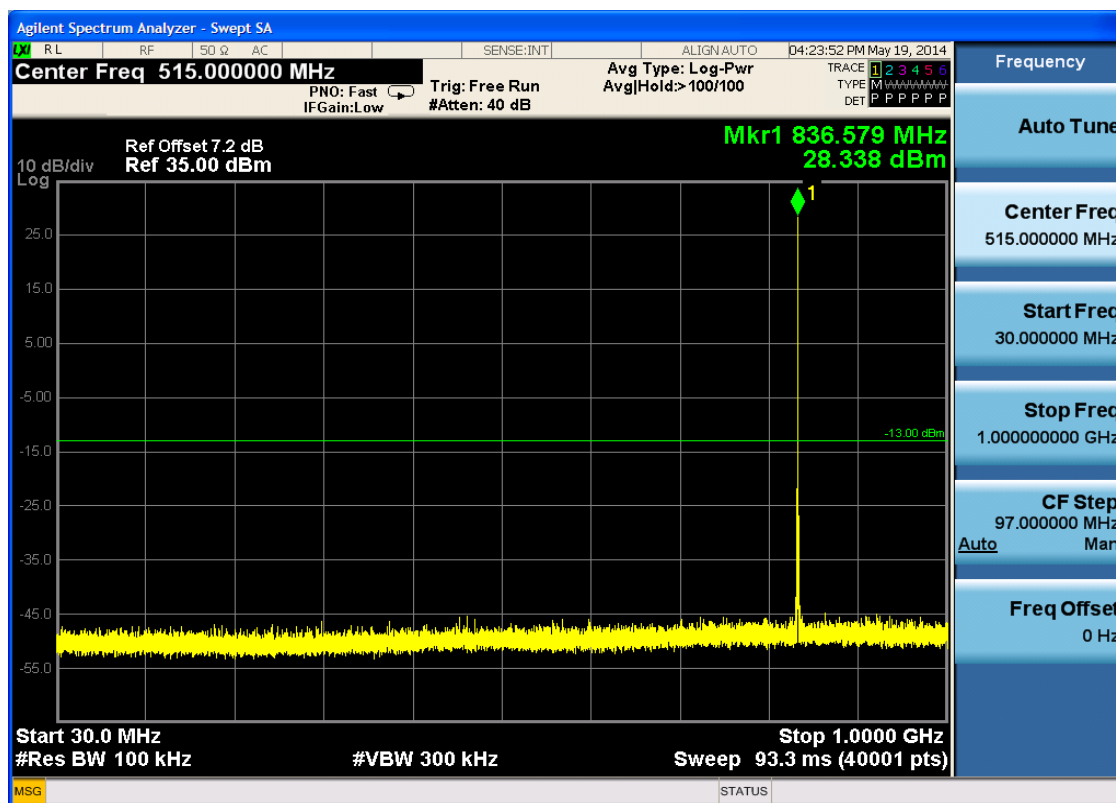
Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

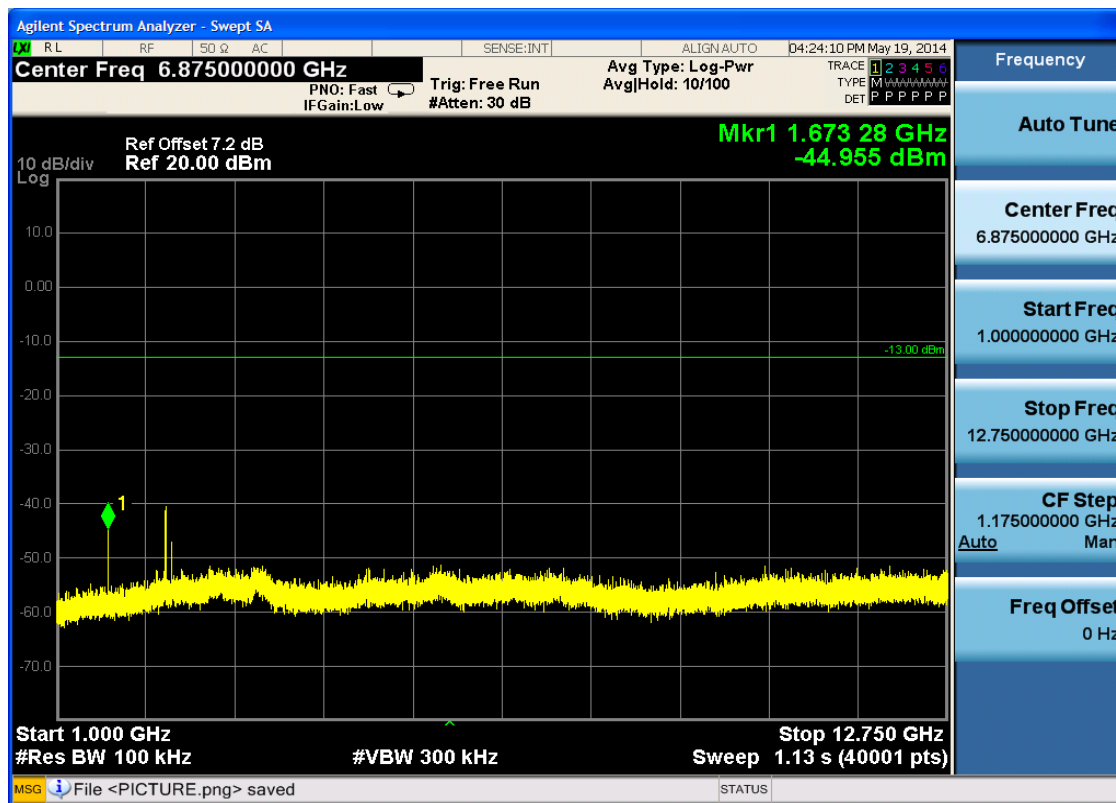
MSG Points changed; all traces cleared STATUS DC Coupled

Frequency

- Auto Tune
- Center Freq 79.500 kHz
- Start Freq 9.000 kHz
- Stop Freq 150.000 kHz
- CF Step 14.100 kHz Man
- Freq Offset 0 Hz

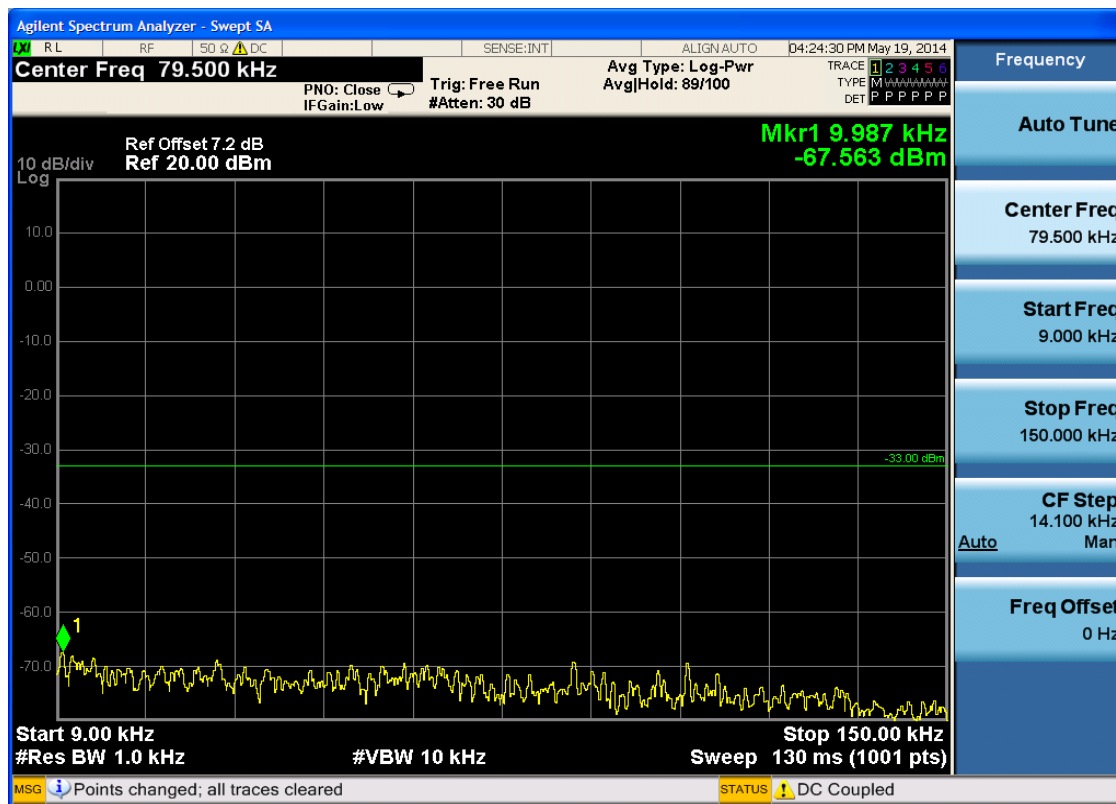


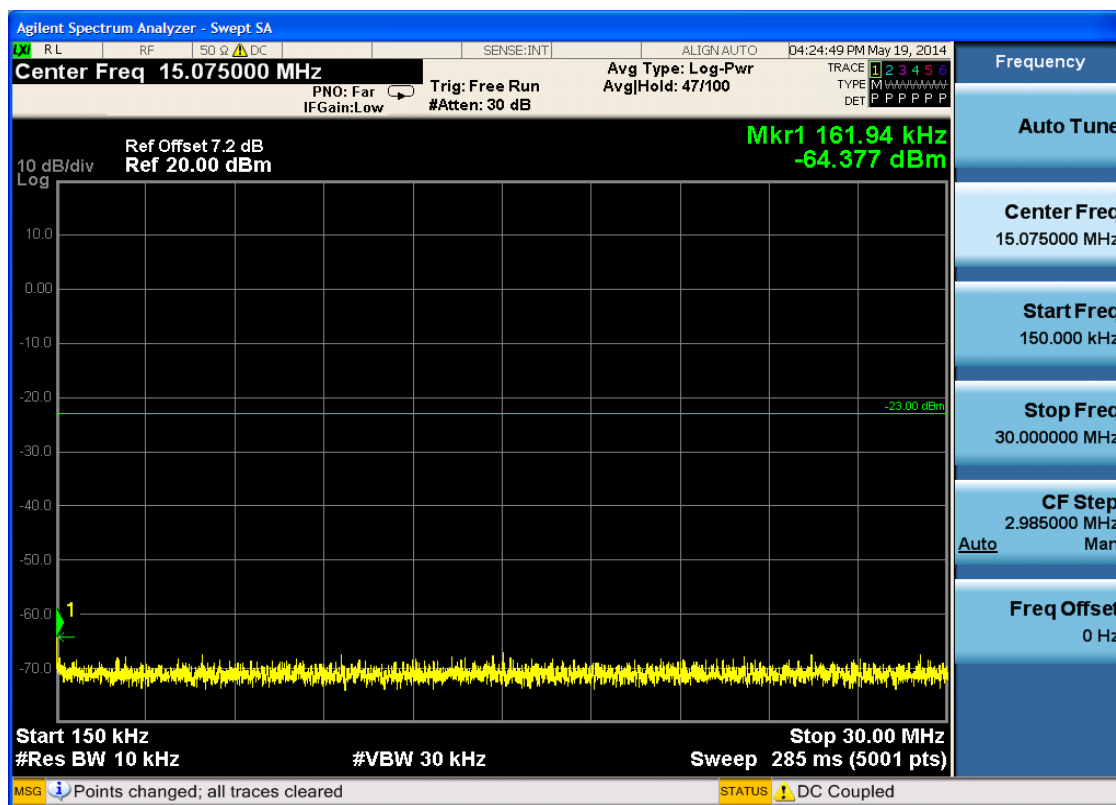


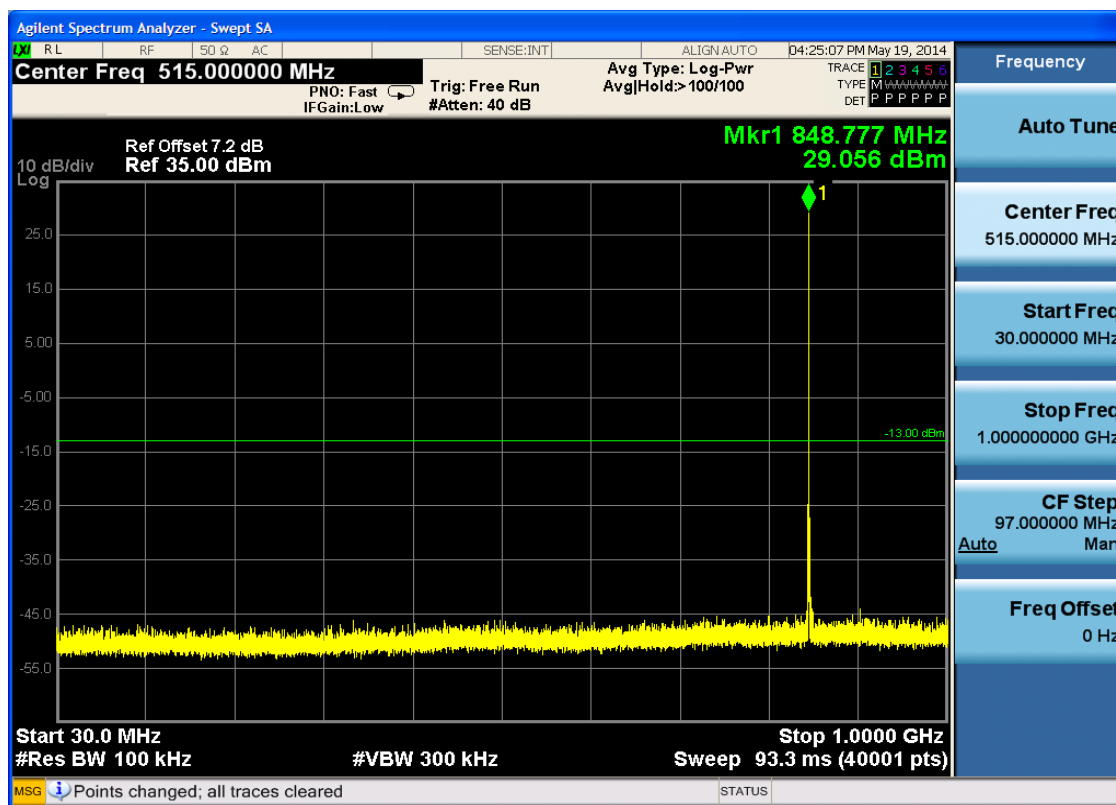


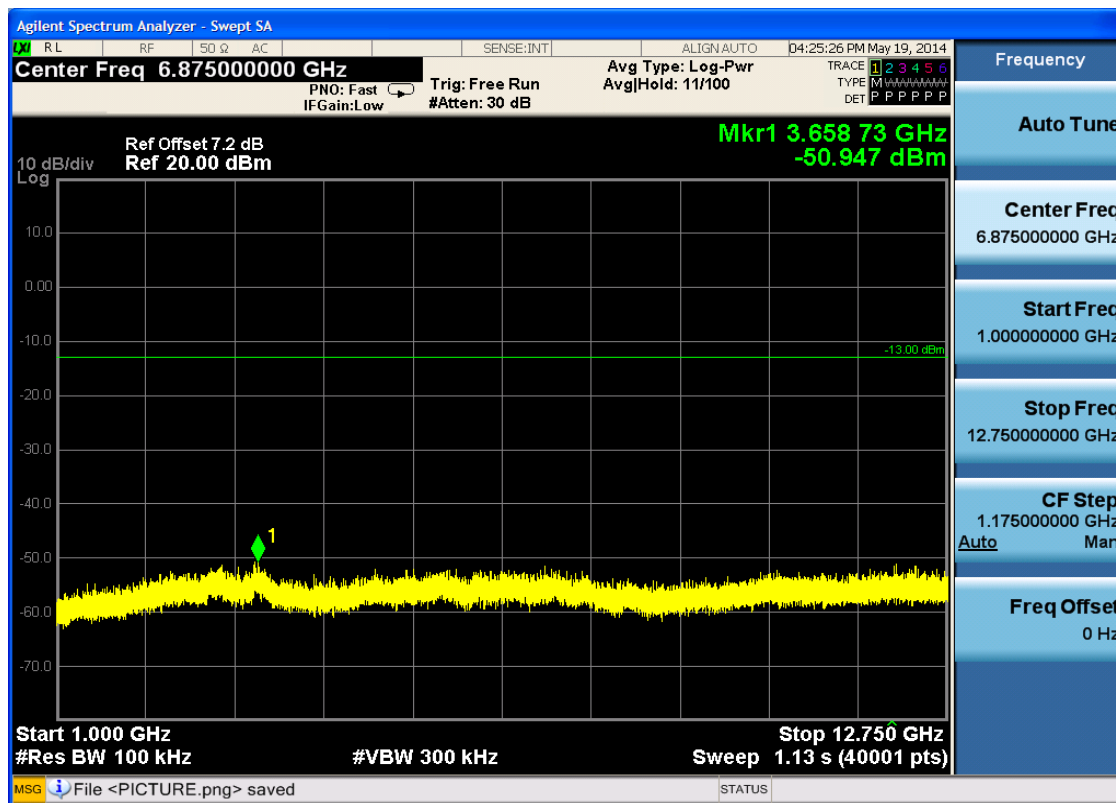


6.1.1.2.3 Test Channel = HCH





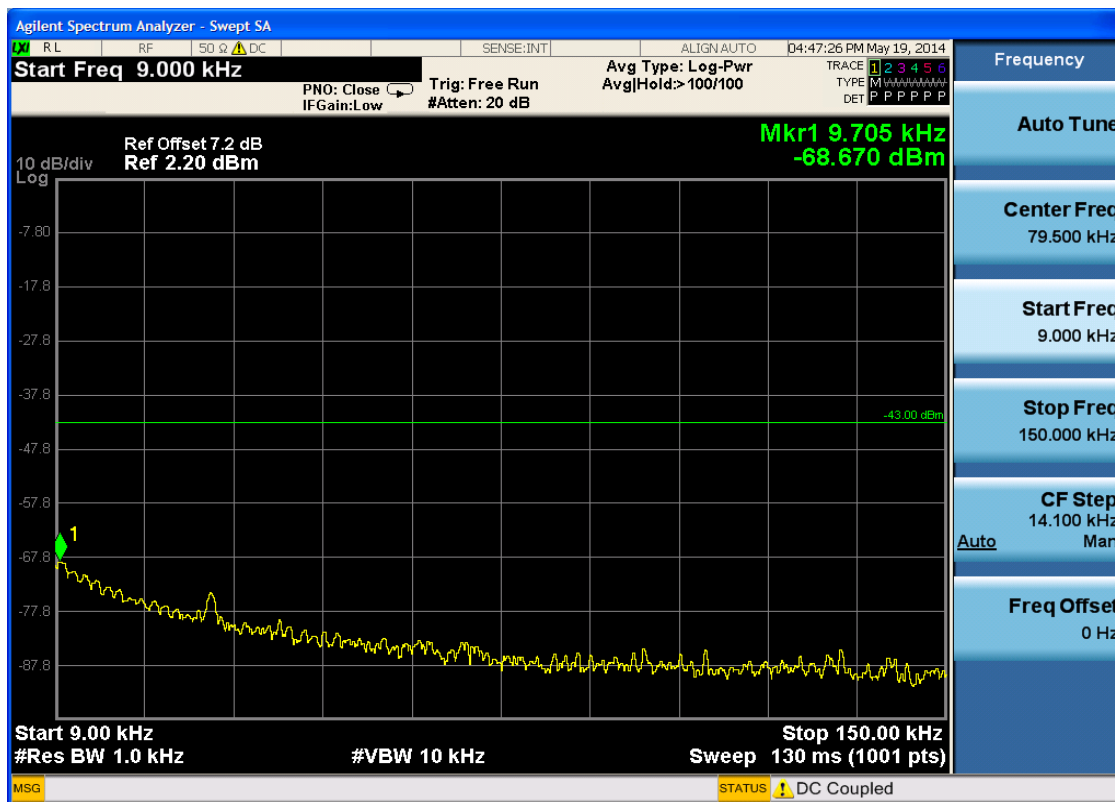


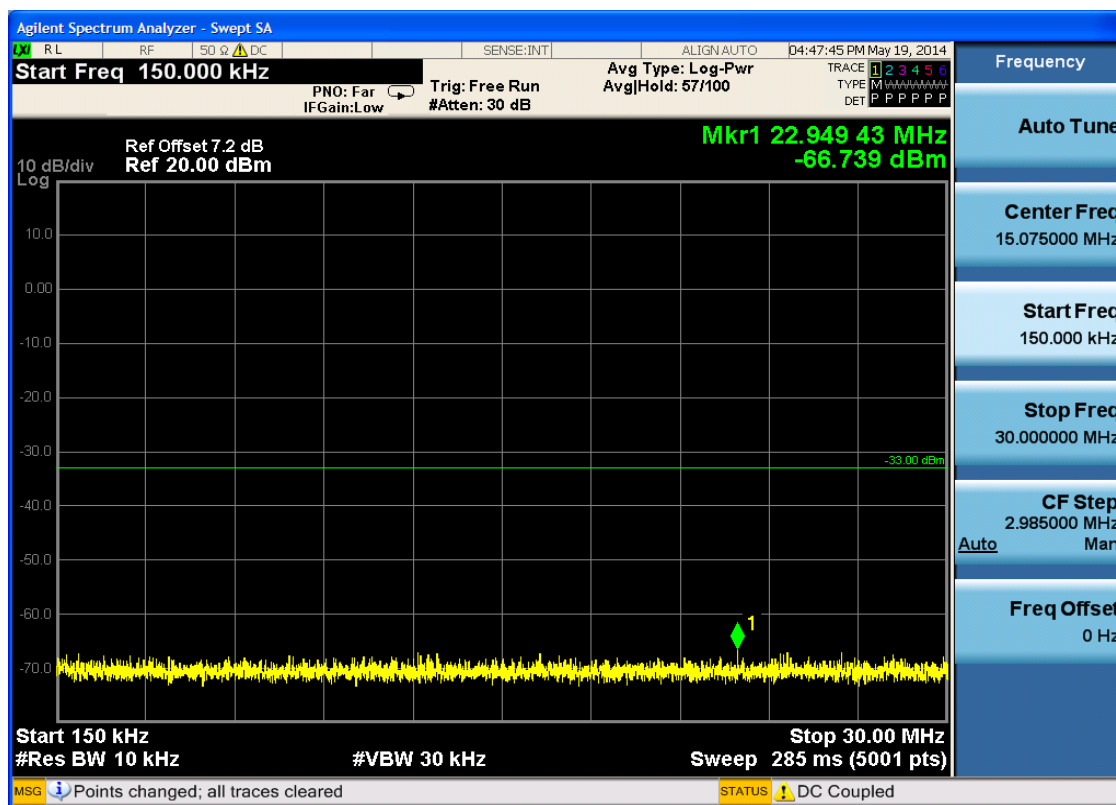


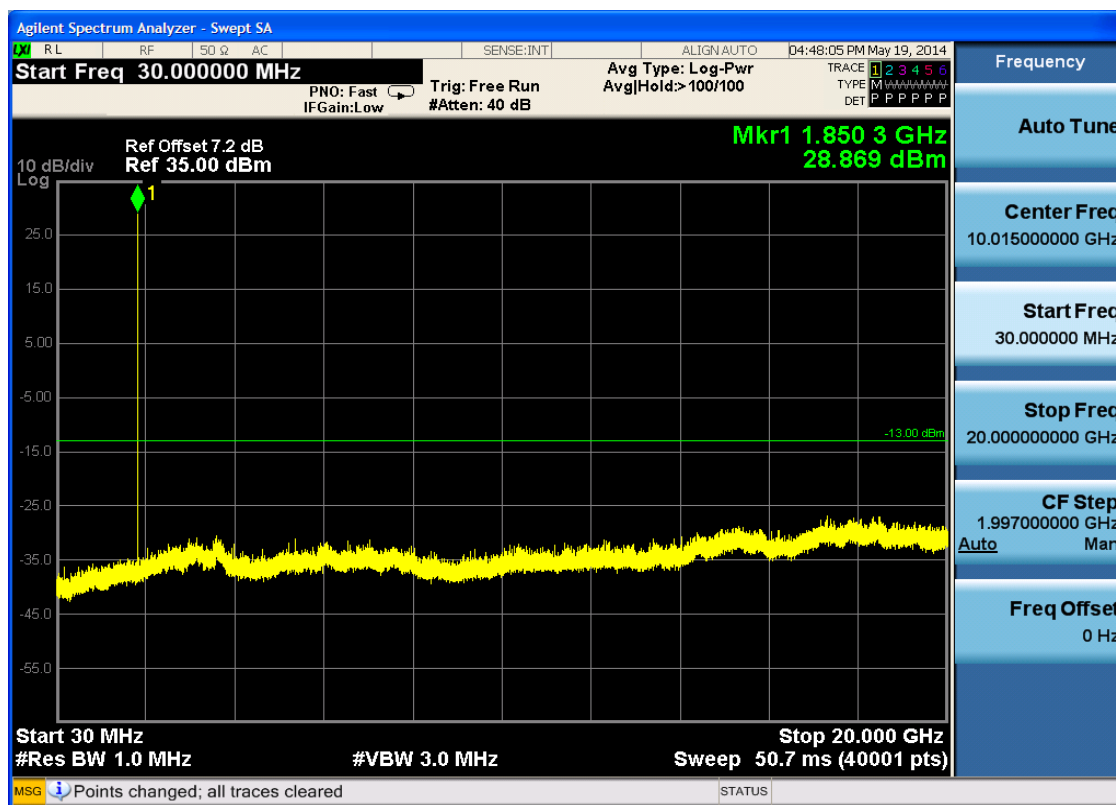
6.1.2 Test Band = GSM1900

6.1.2.1 Test Mode = GSM/TM1

6.1.2.1.1 Test Channel = LCH

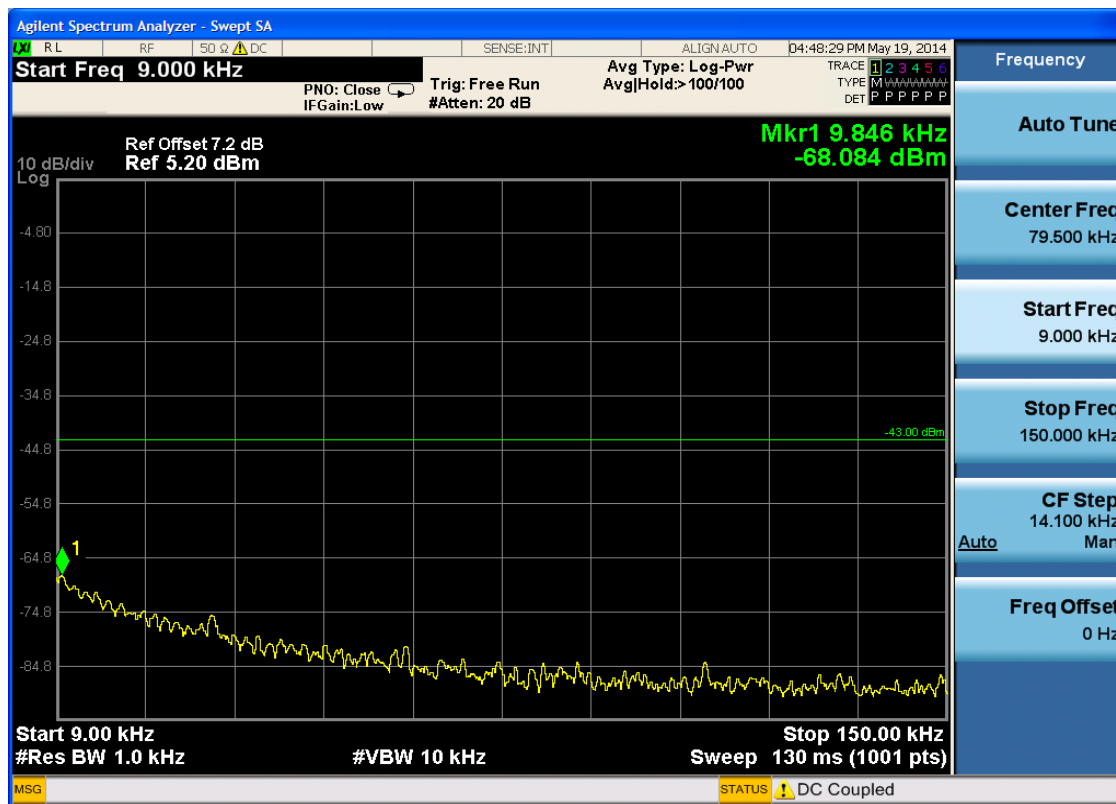


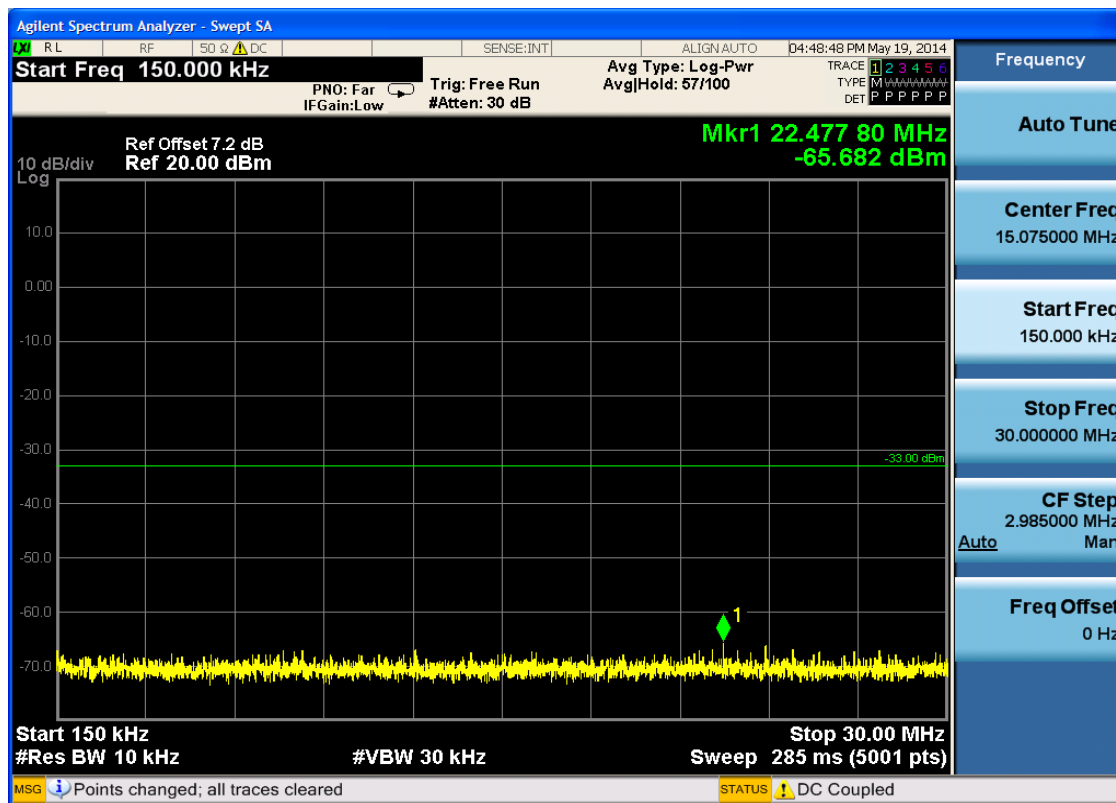


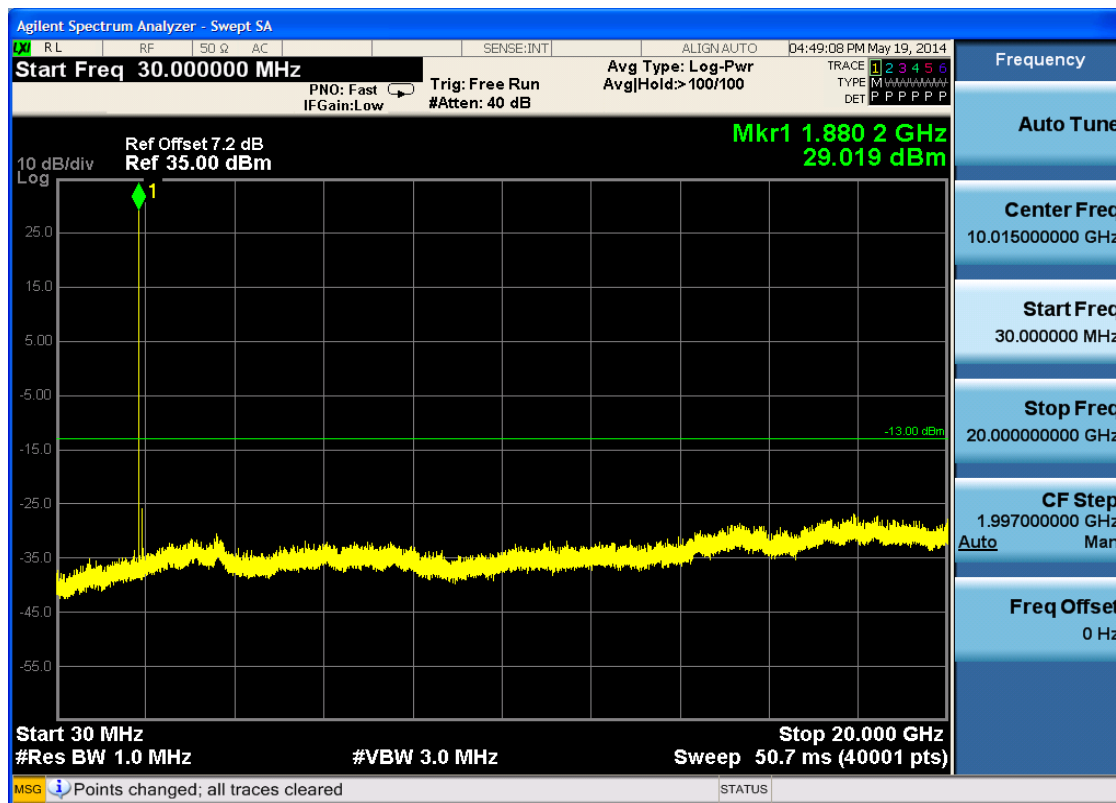


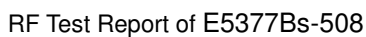


6.1.2.1.2 Test Channel = MCH









Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN AUTO 04:49:28 PM May 19, 2014

Start Freq 9.000 kHz PNO: Close Trig: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 20 dB AvgHold:>100/100

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

Ref Offset 7.2 dB
Ref 5.20 dBm

Mkr1 9.987 kHz
-68.560 dBm

10 dB/div
Log

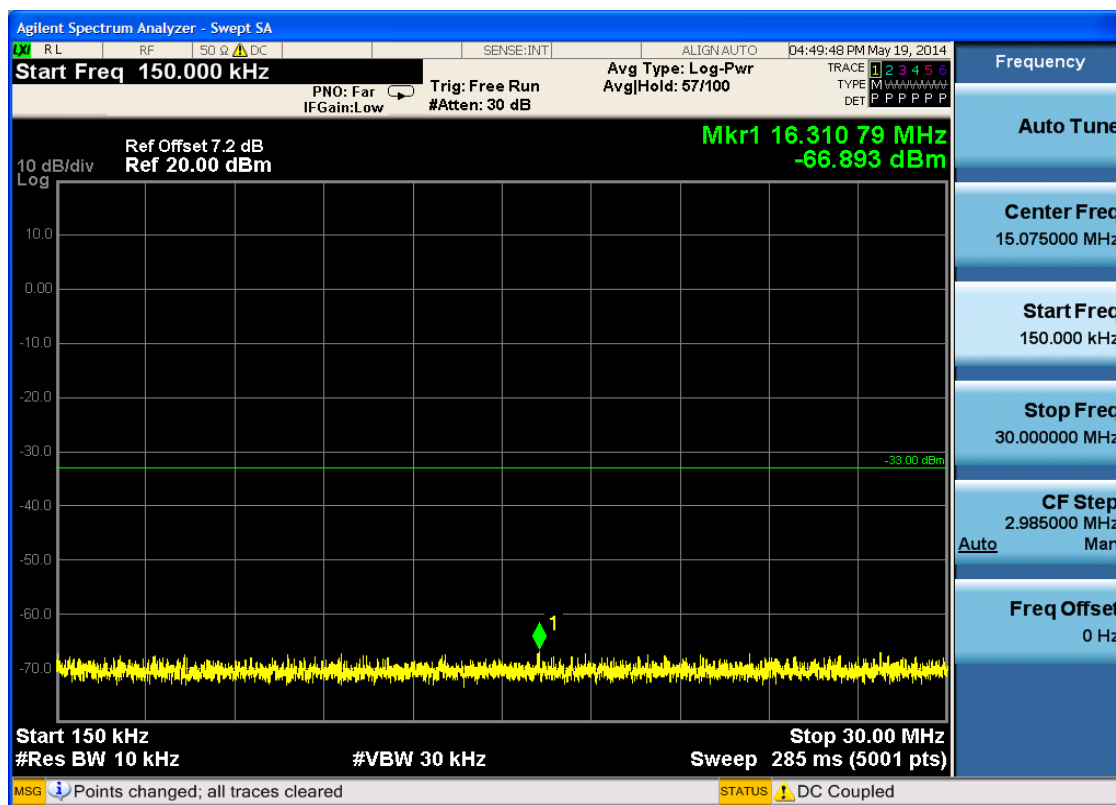
-4.80
-14.8
-24.8
-34.8
-44.8
-54.8
-64.8
-74.8
-84.8

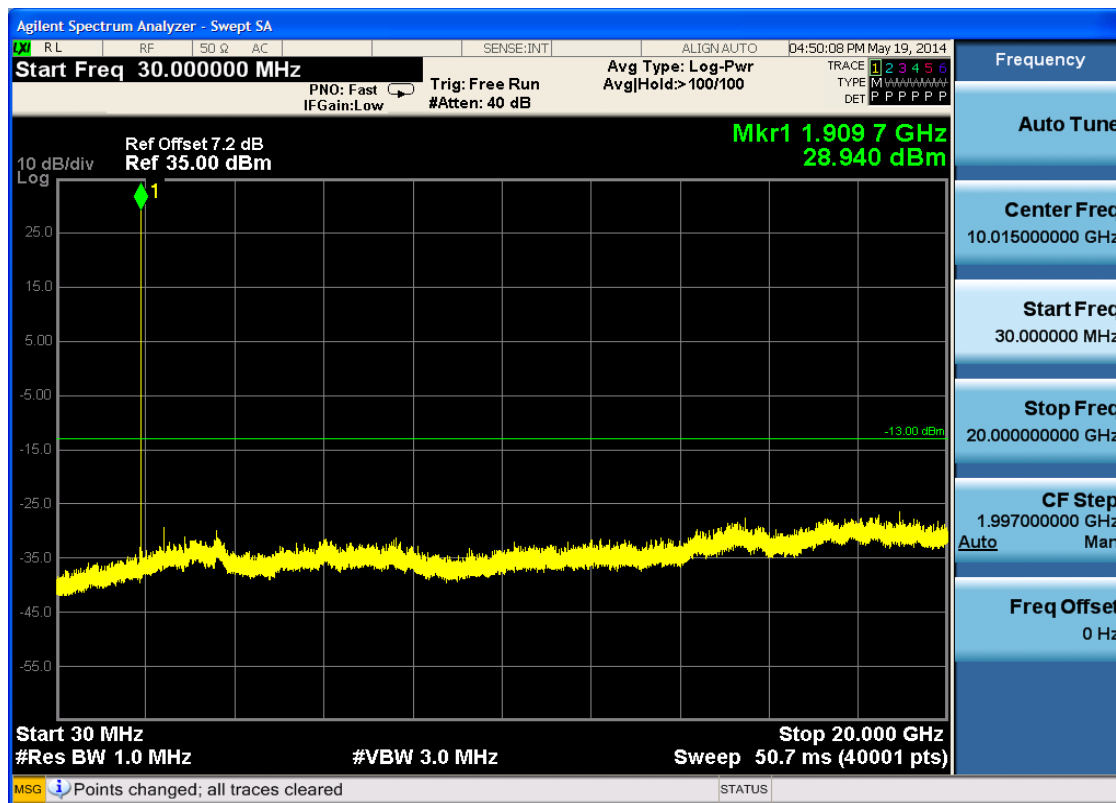
-43.00 dBm

Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG STATUS DC Coupled

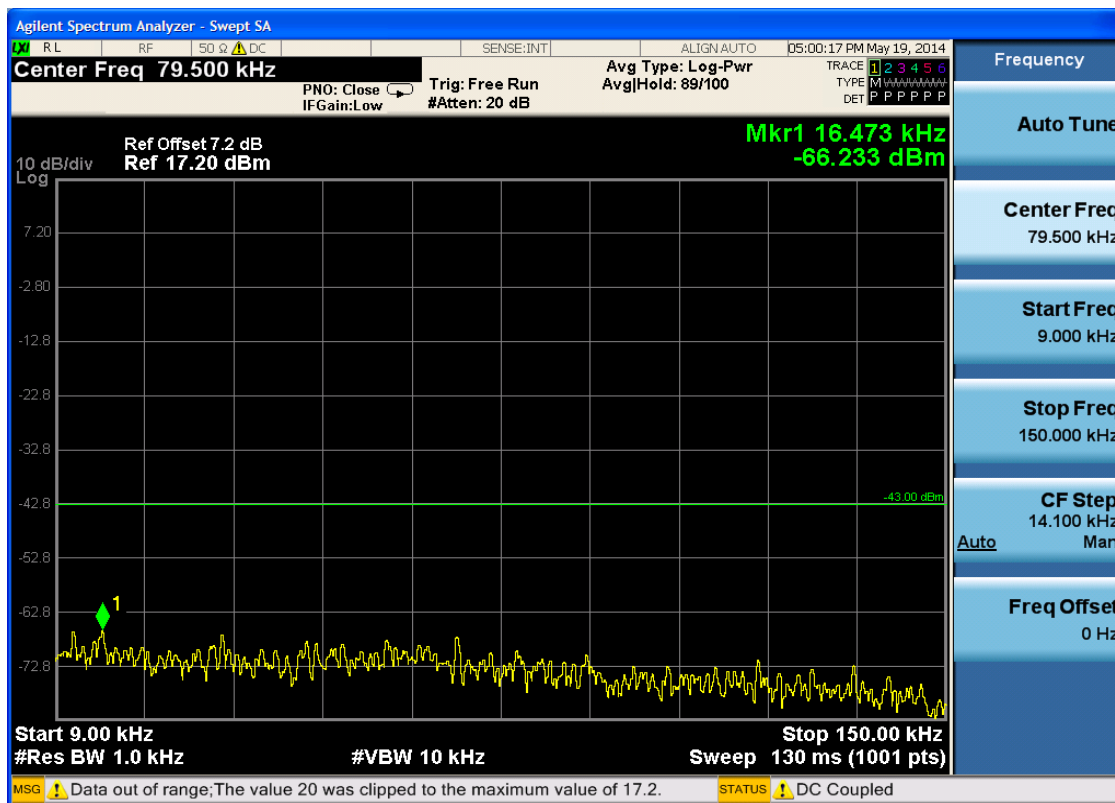
Frequency
Auto Tune
Center Freq 79.500 kHz
Start Freq 9.000 kHz
Stop Freq 150.00 kHz
CF Step 14.100 kHz
Auto Mar
Freq Offset 0 Hz

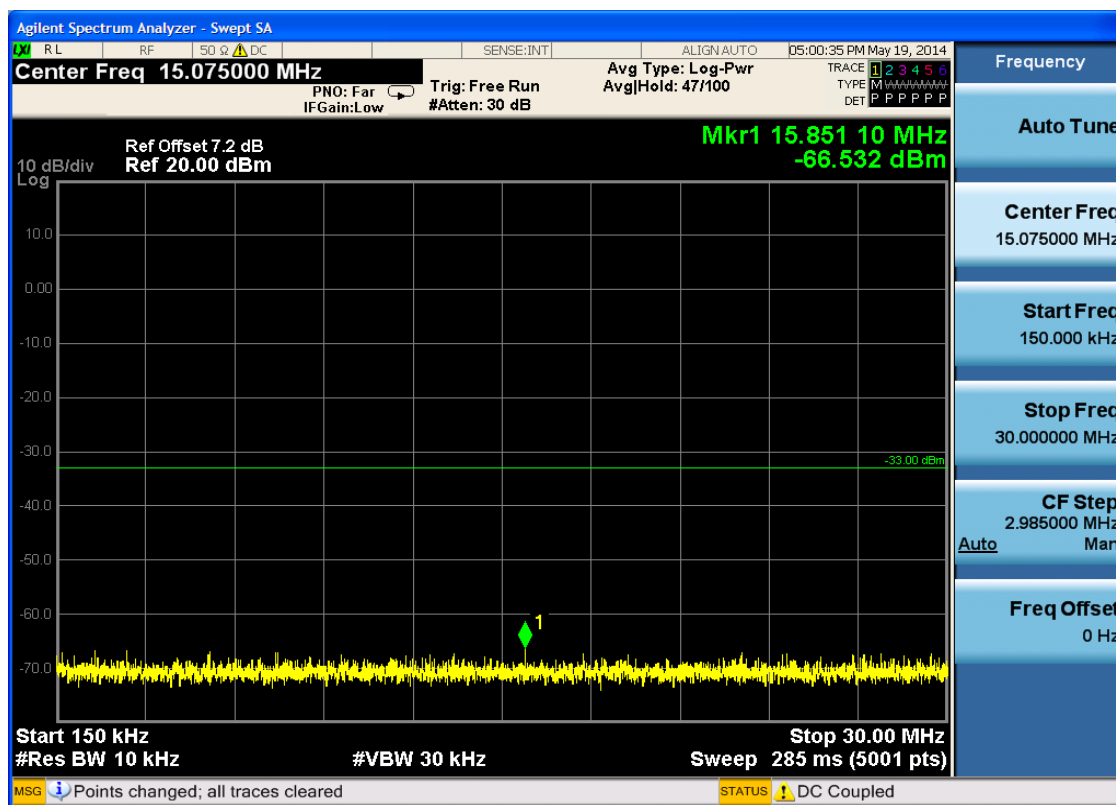


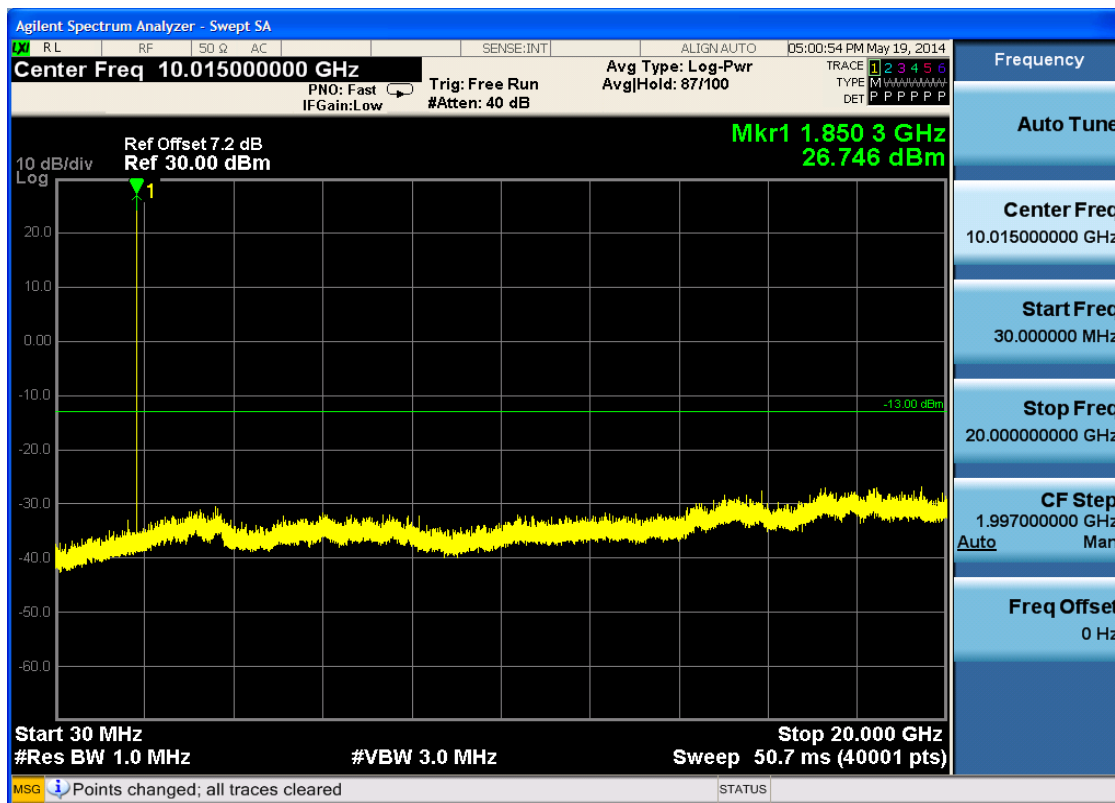


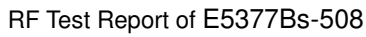
6.1.2.2 Test Mode = GSM/TM2

6.1.2.2.1 Test Channel = LCH









Agilent Spectrum Analyzer - Swept SA

R L	RF	50 Ω DC	SENSE:INT	ALIGN AUTO	D5:01:14 PM May 19, 2014
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Center Freq 79.500 kHz PNO: Close IF Gain: Low Trig: Free Run #Atten: 20 dB Avg Type: Log-Pwr Avg/Hold: 89/100 TRACE 1 2 3 4 5 6 TYPE M M M M M M M M DET P P P P P P

Ref Offset 7.2 dB
Ref 17.20 dBm

Mkr1 19.152 kHz
-65.864 dBm

Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 10 kHz Sweep 130 ms (1001 pts)

MSG Points changed; all traces cleared STATUS DC Coupled

