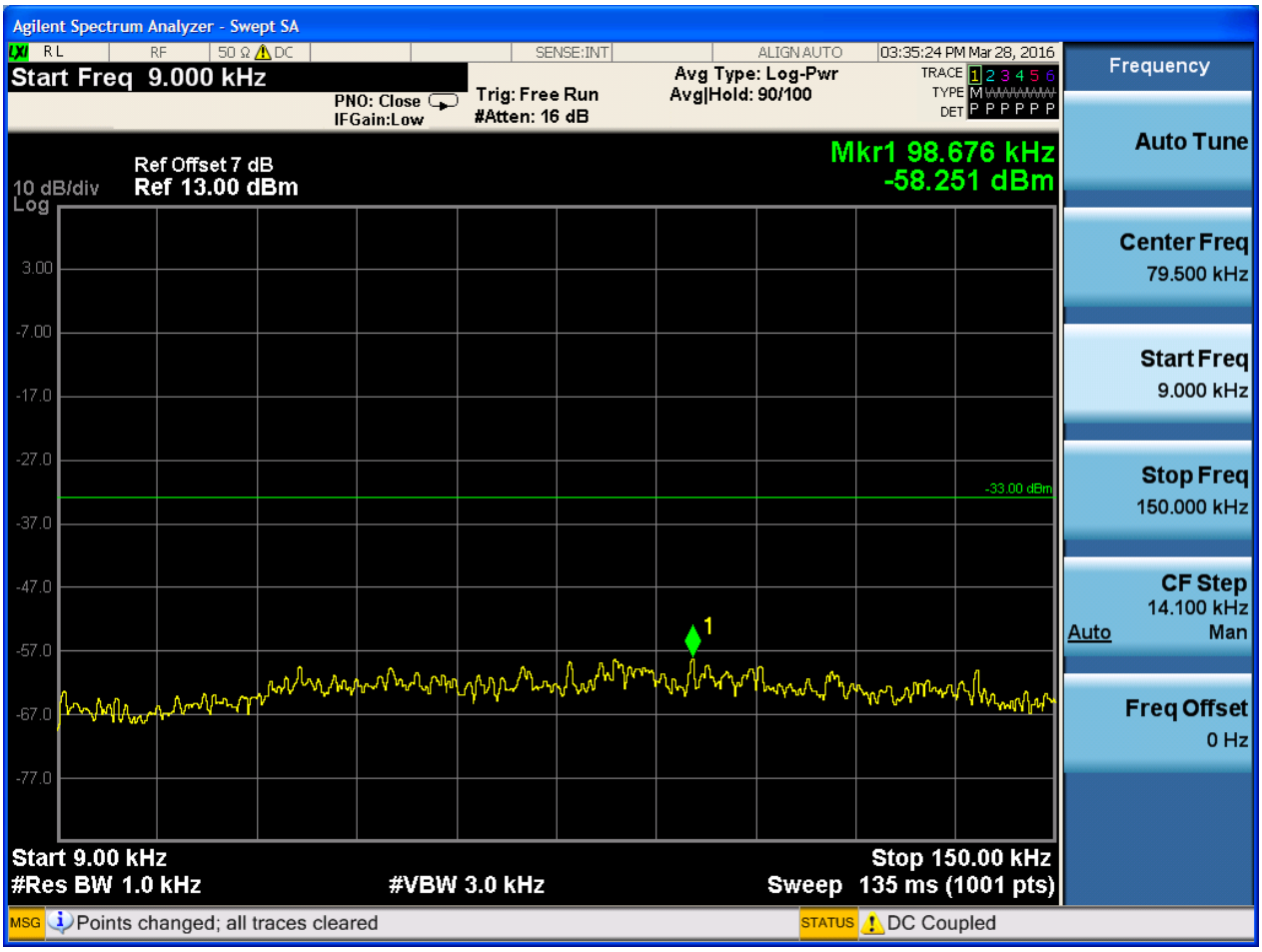
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



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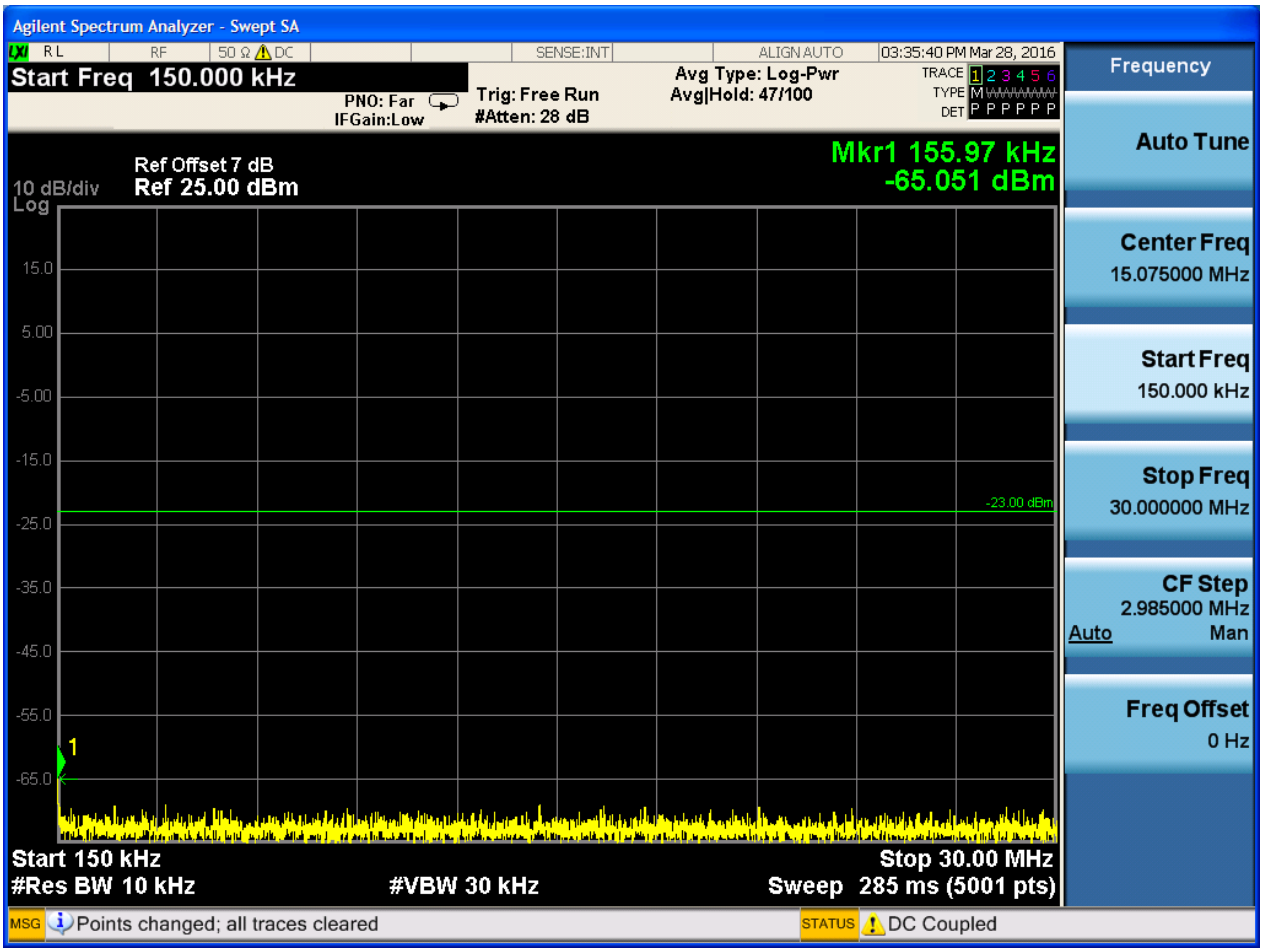

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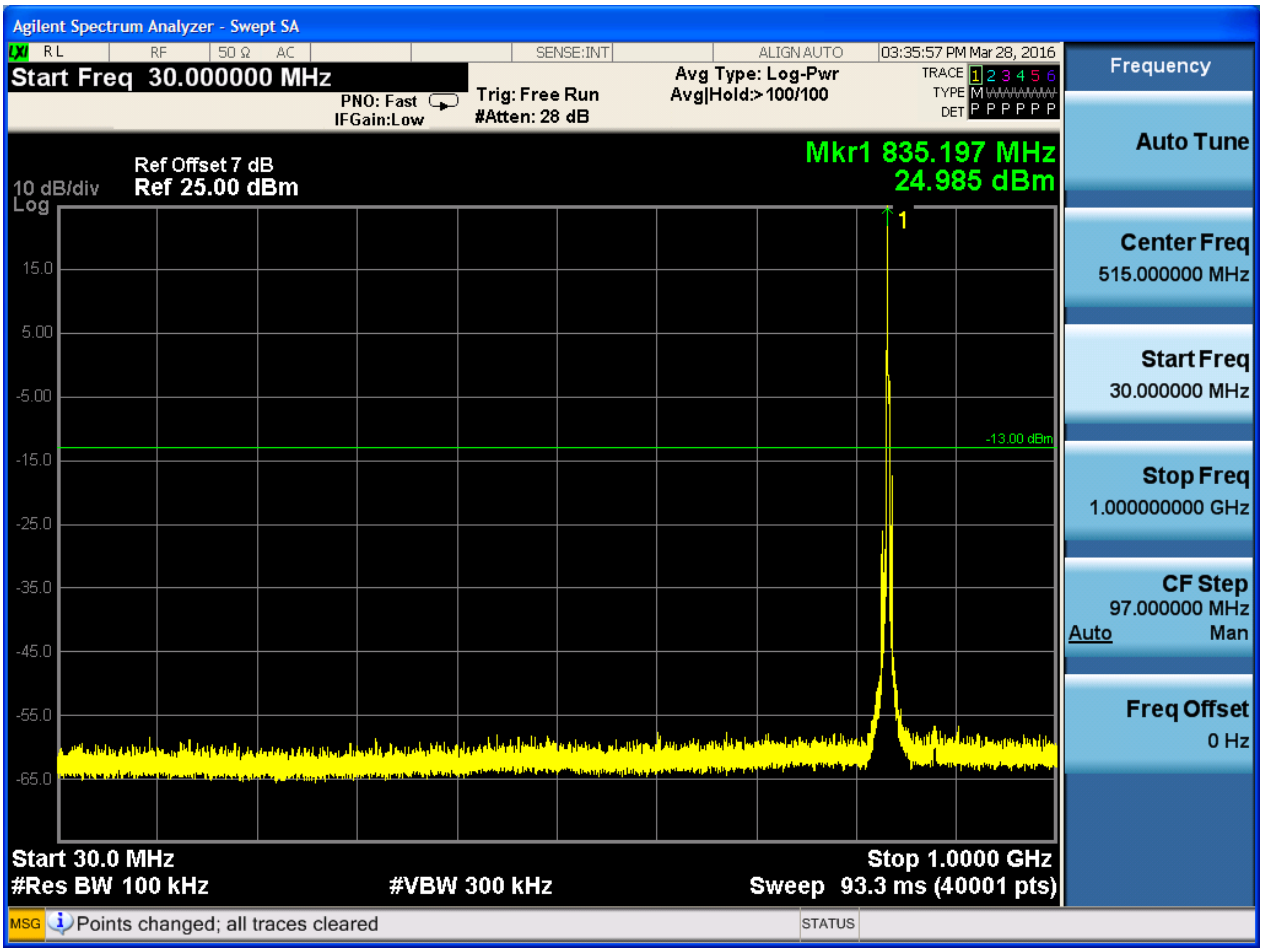

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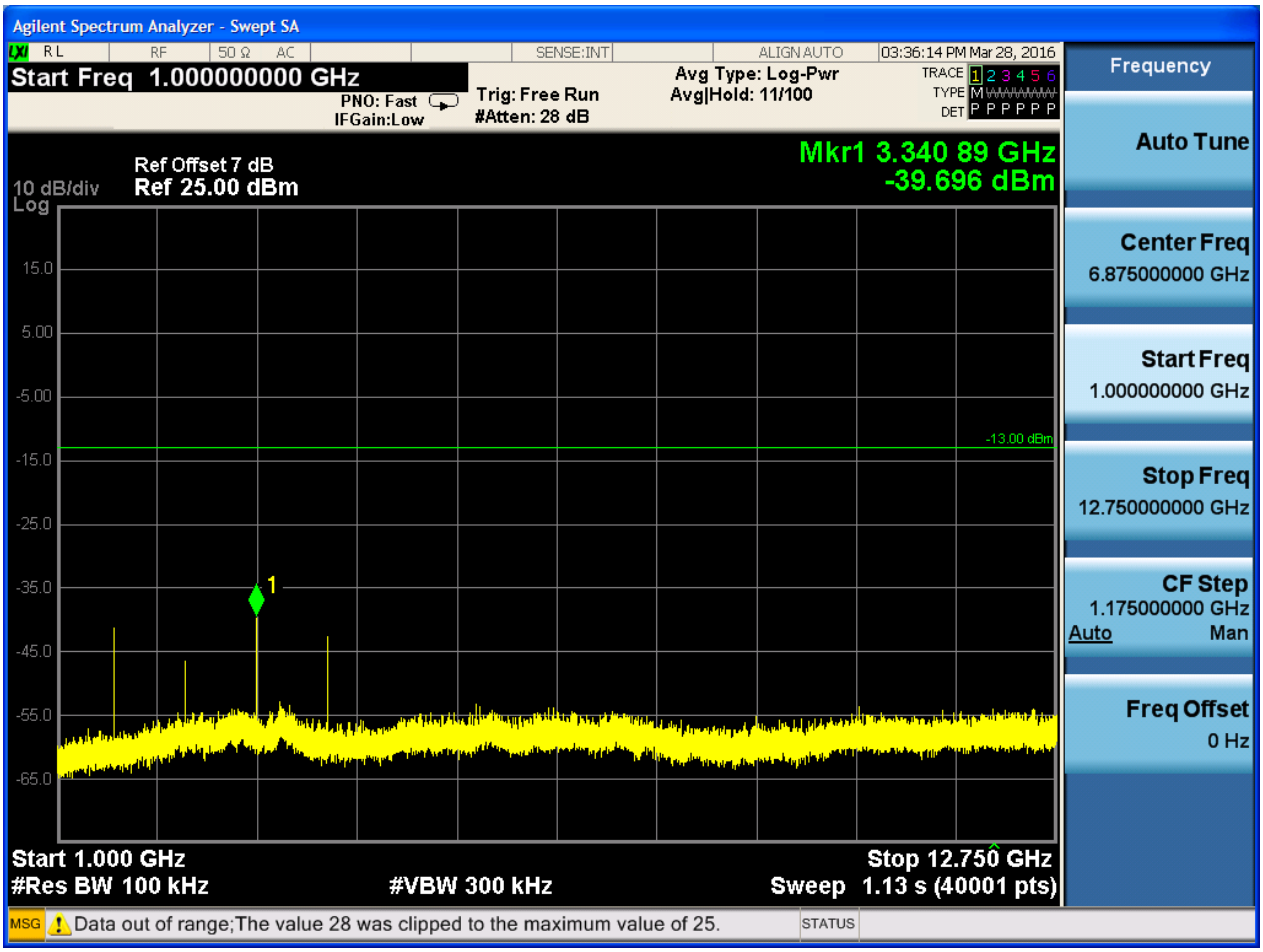
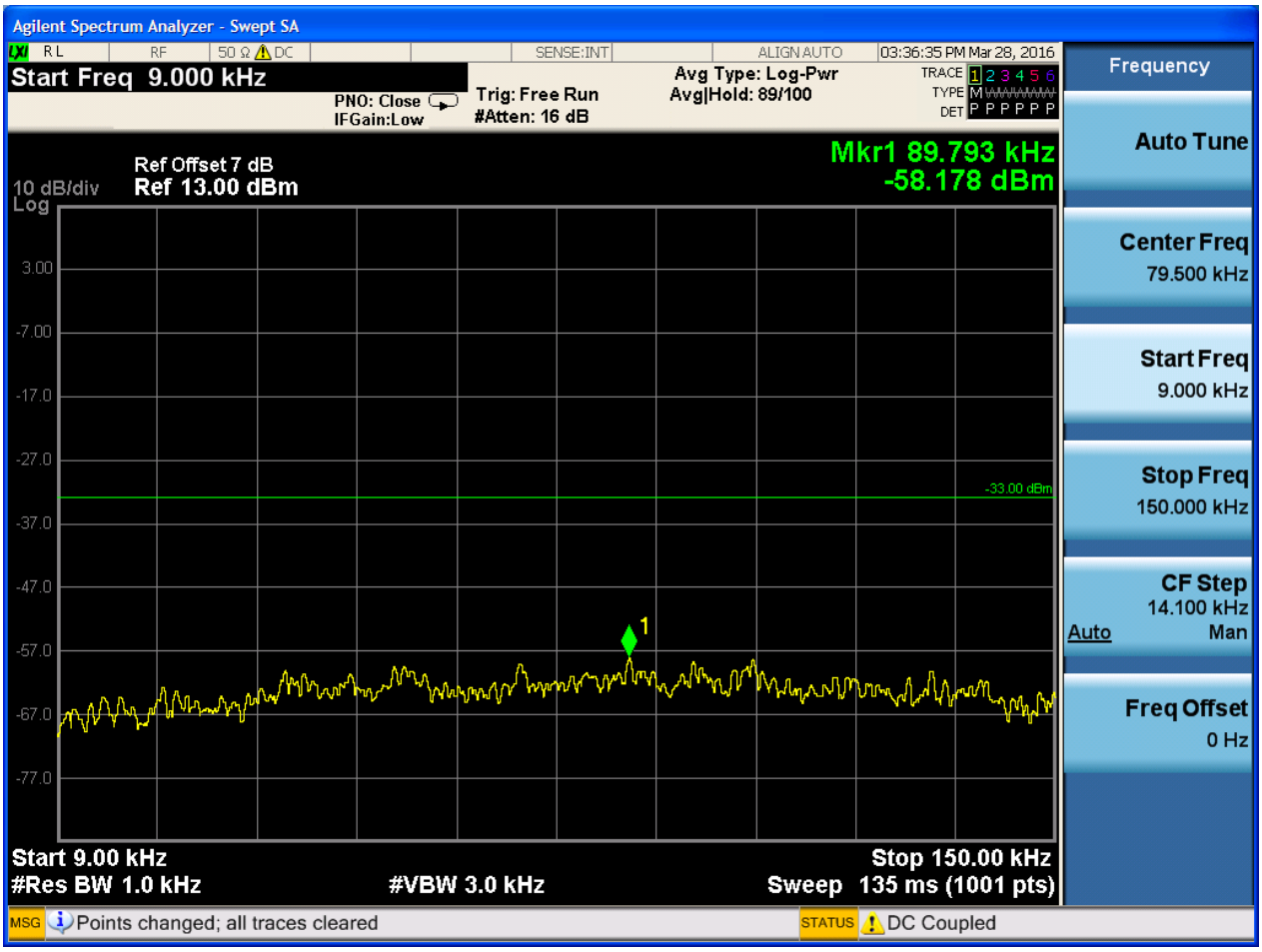

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:36:14 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.340 89 GHz
-39.696 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0



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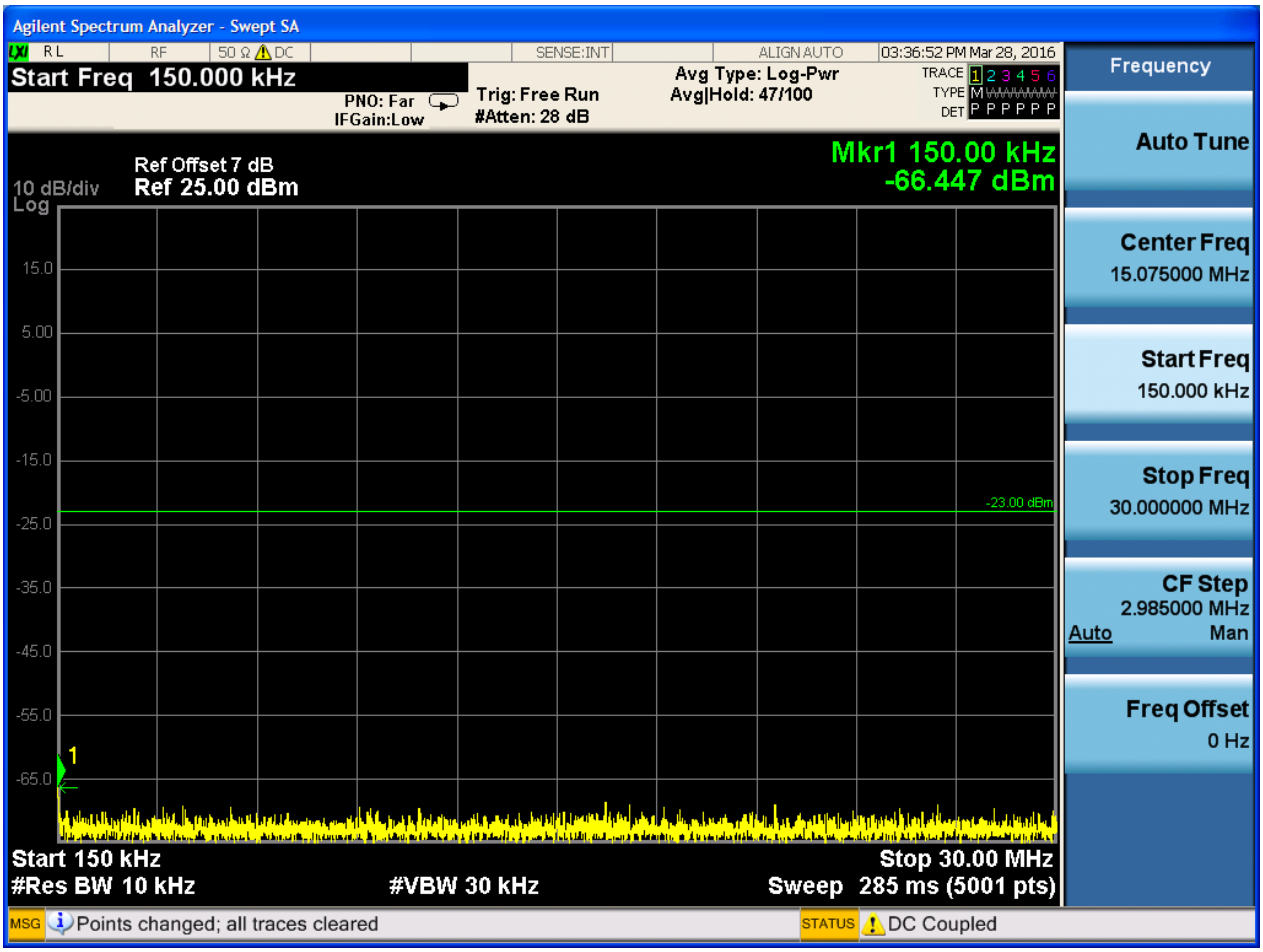

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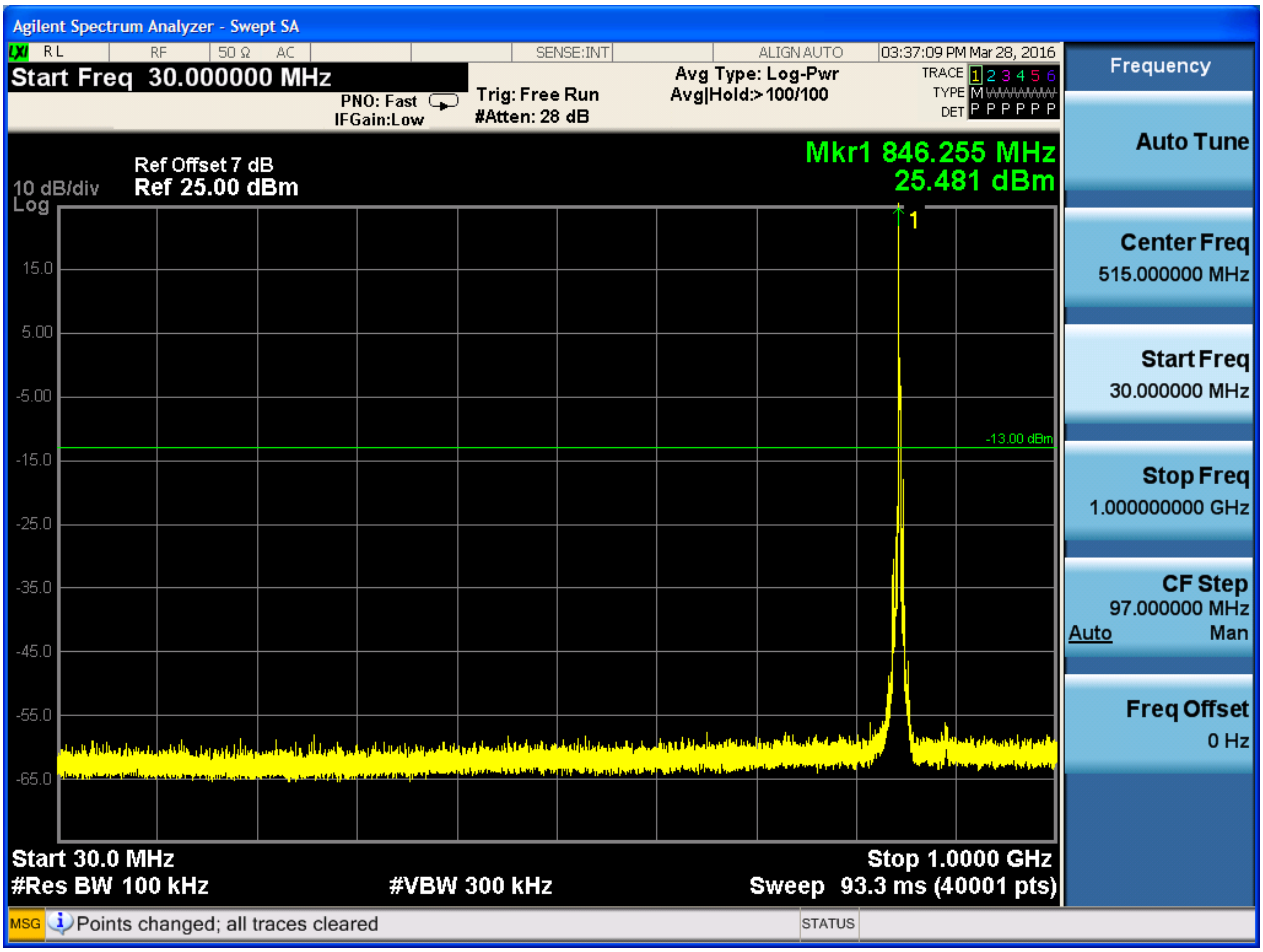
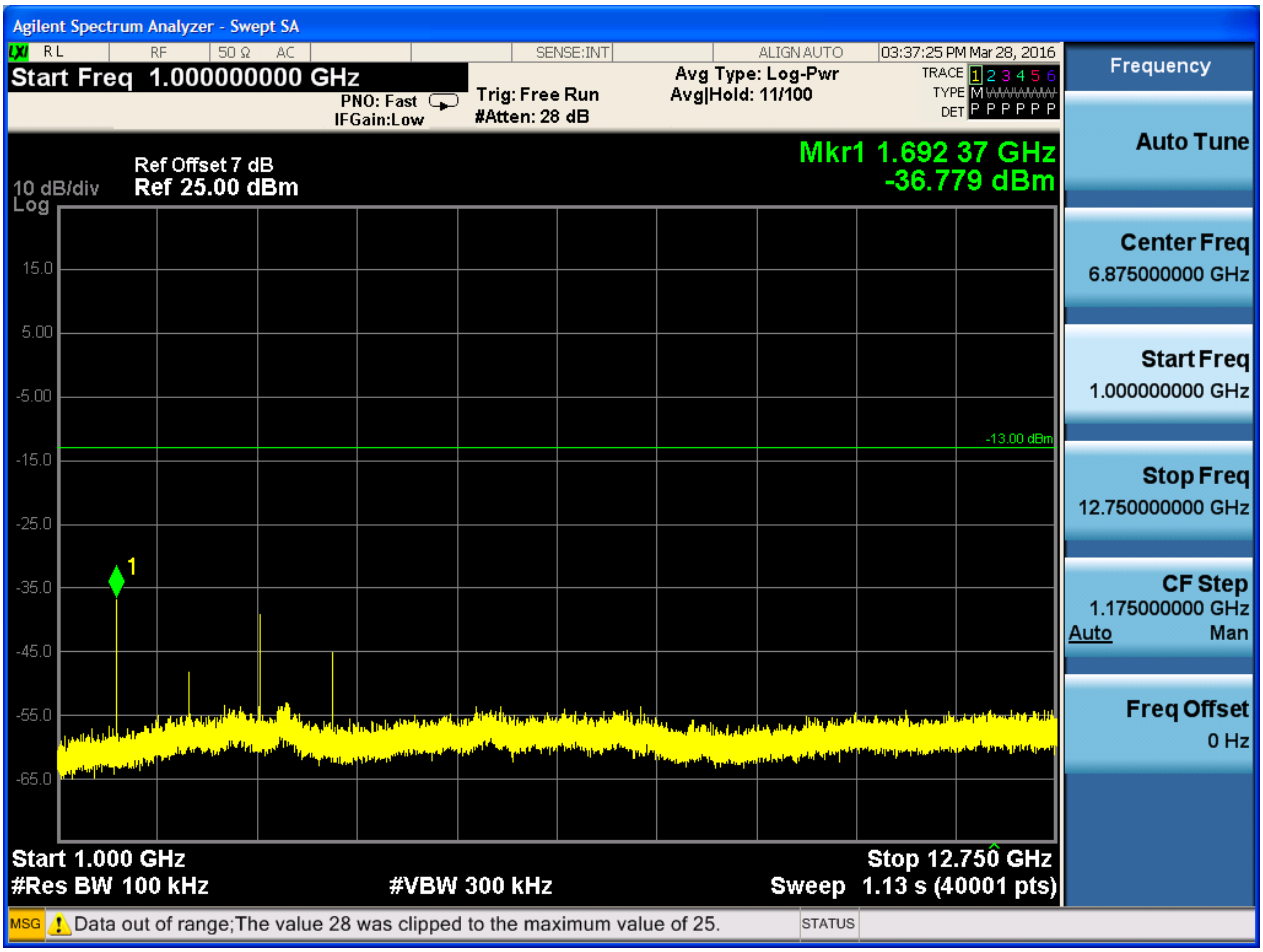
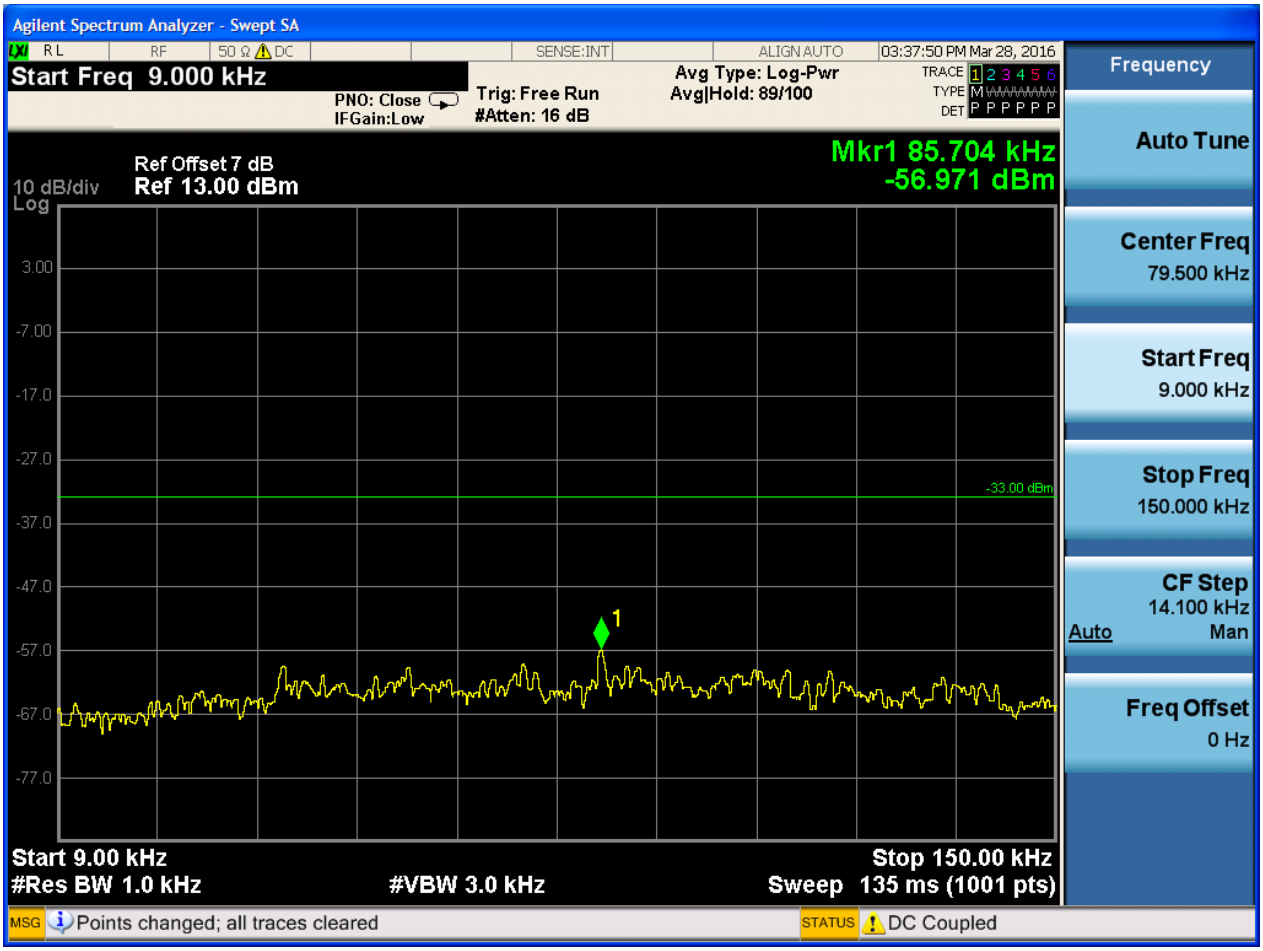

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:37:09 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 846.255 MHz
25.481 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:37:25 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.692 37 GHz
-36.779 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

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



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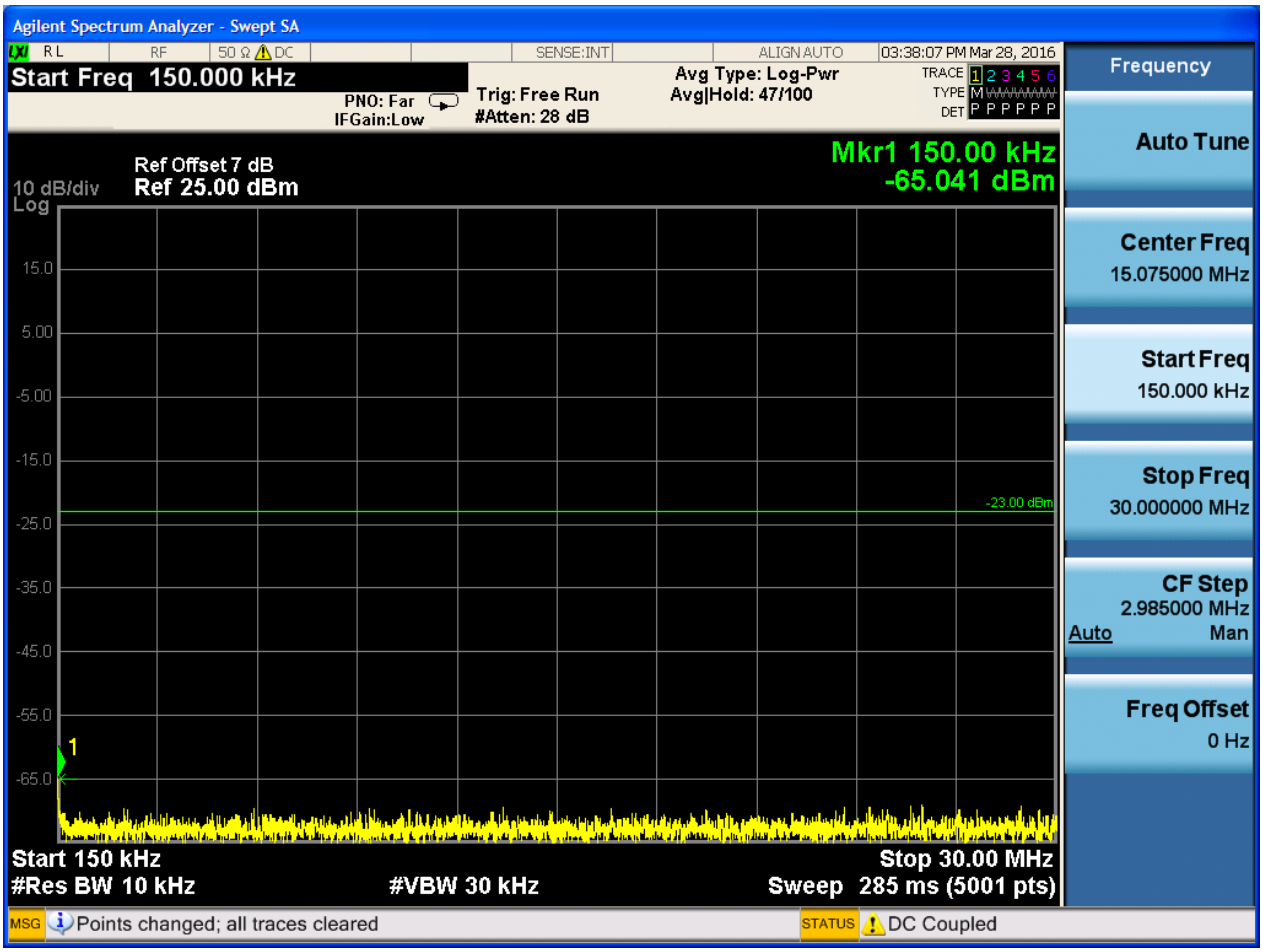

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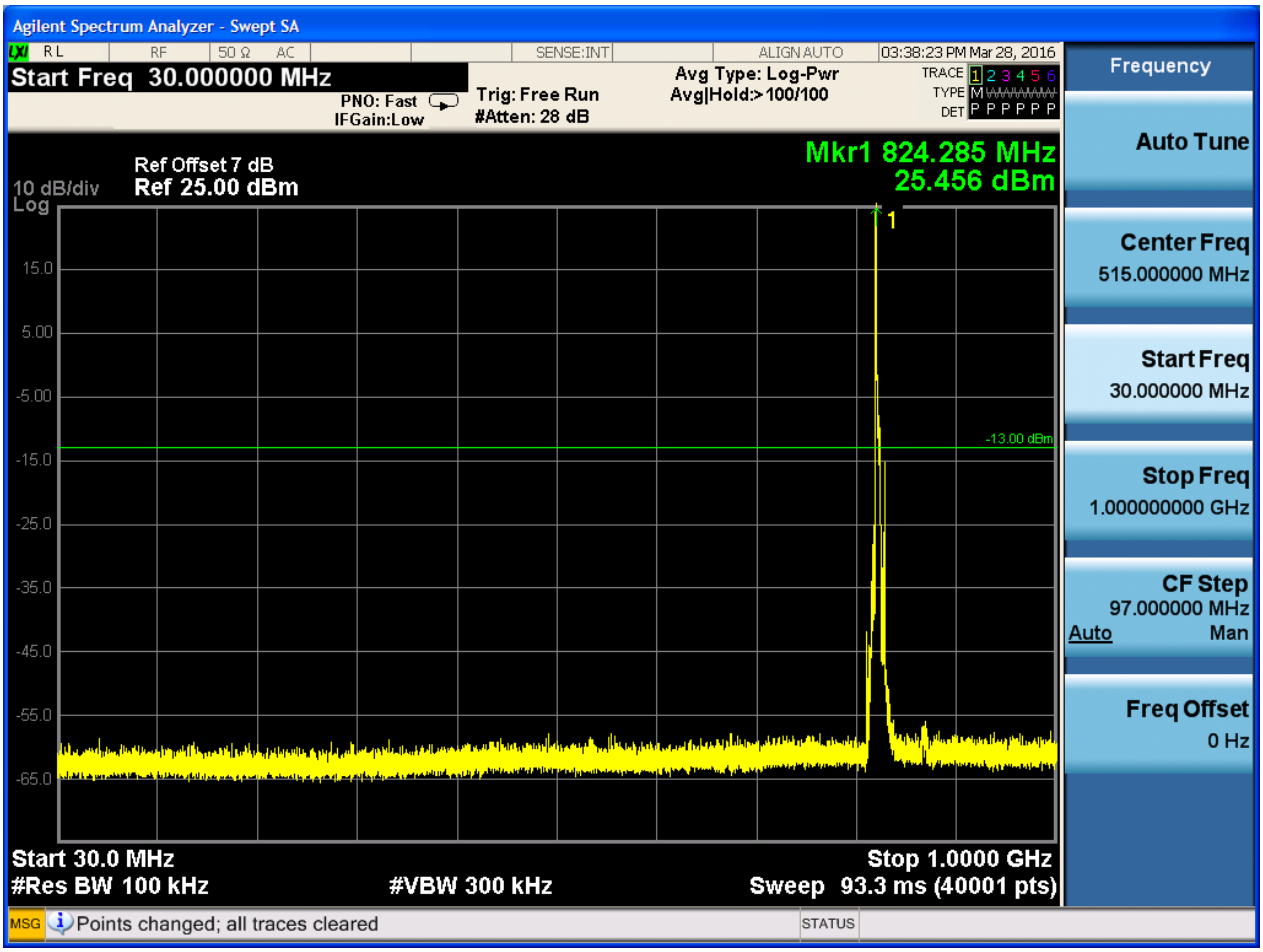
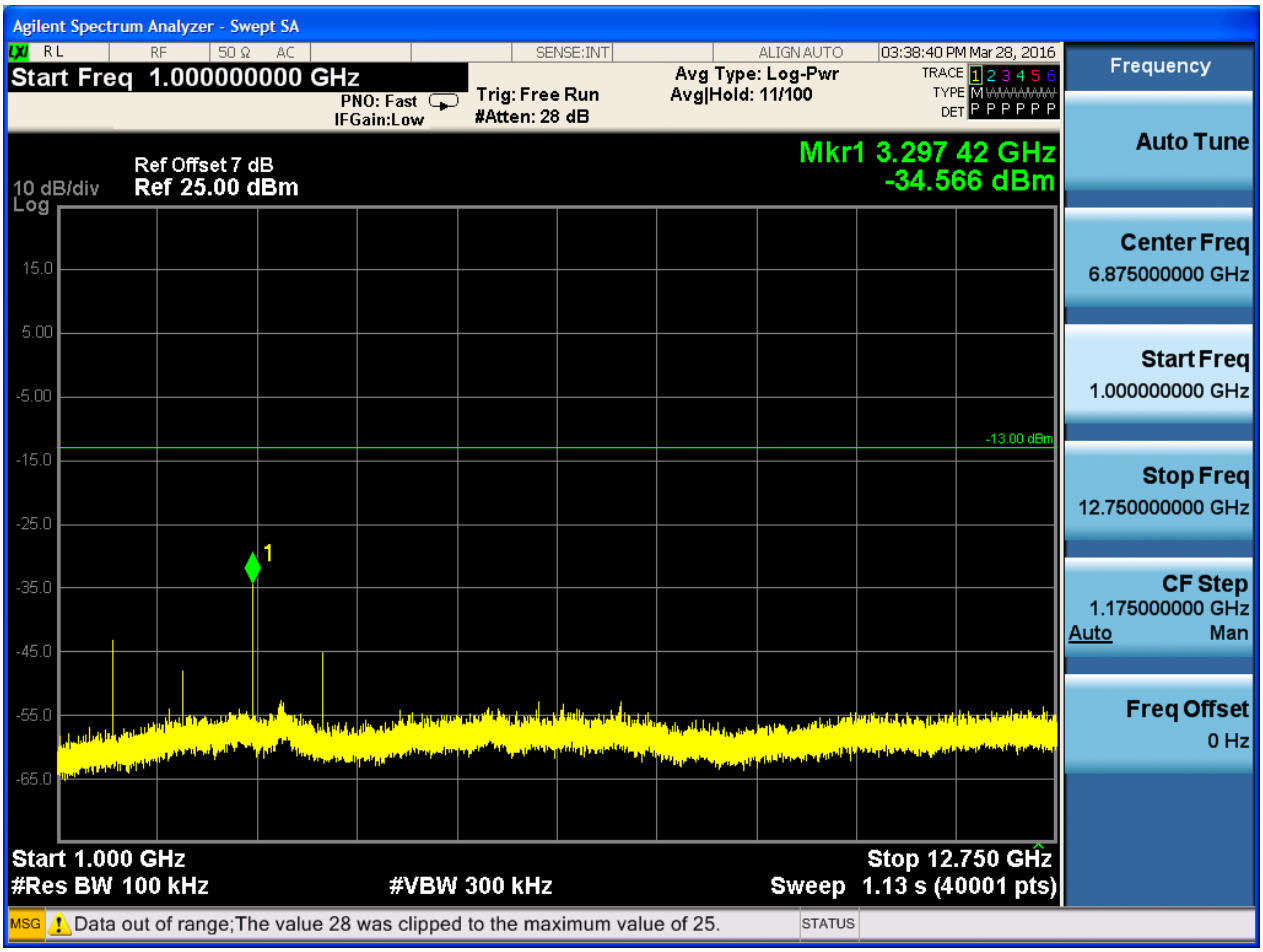
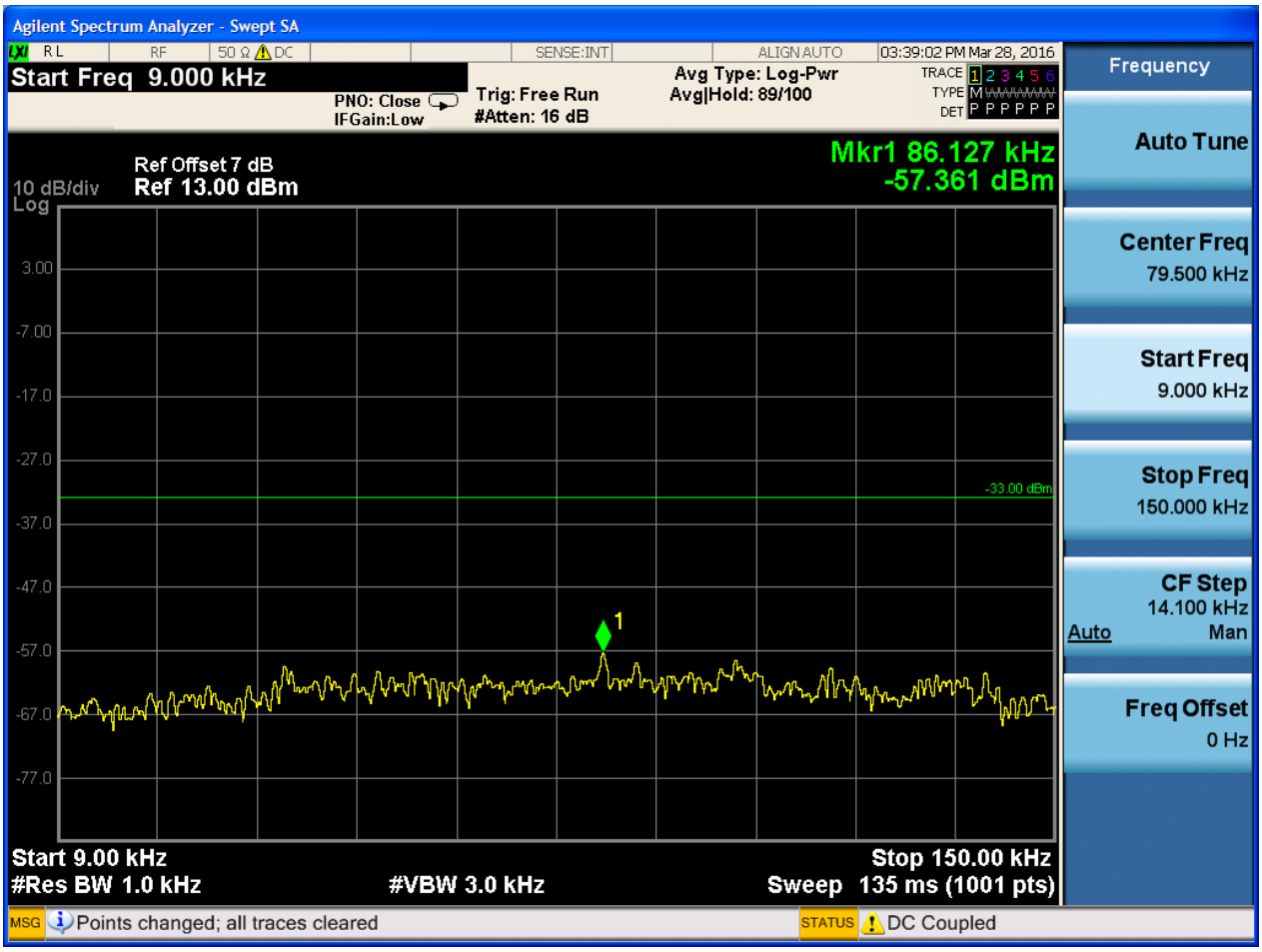

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:38:23 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 824.285 MHz
25.456 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:38:40 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.297 42 GHz
-34.566 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



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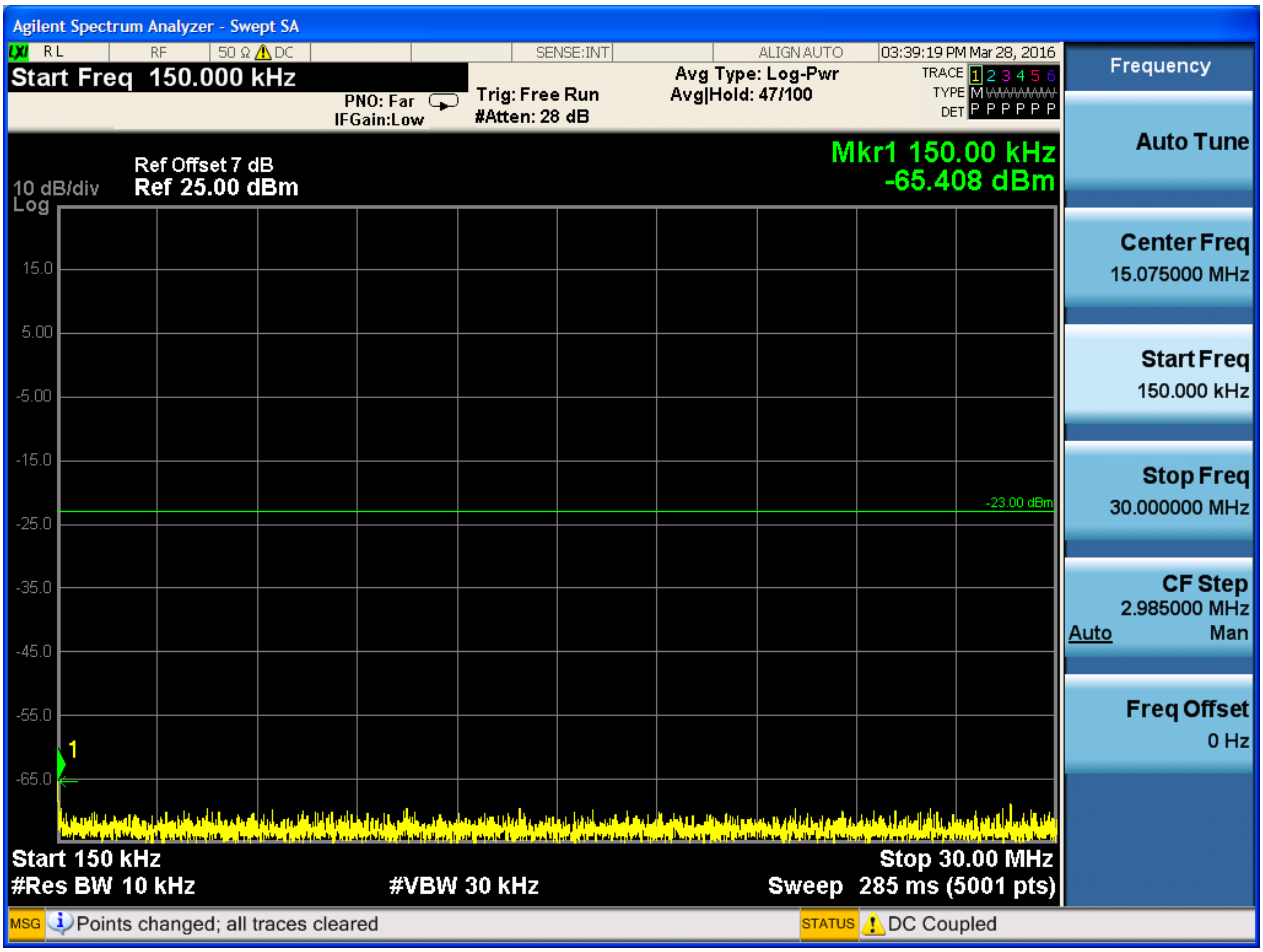

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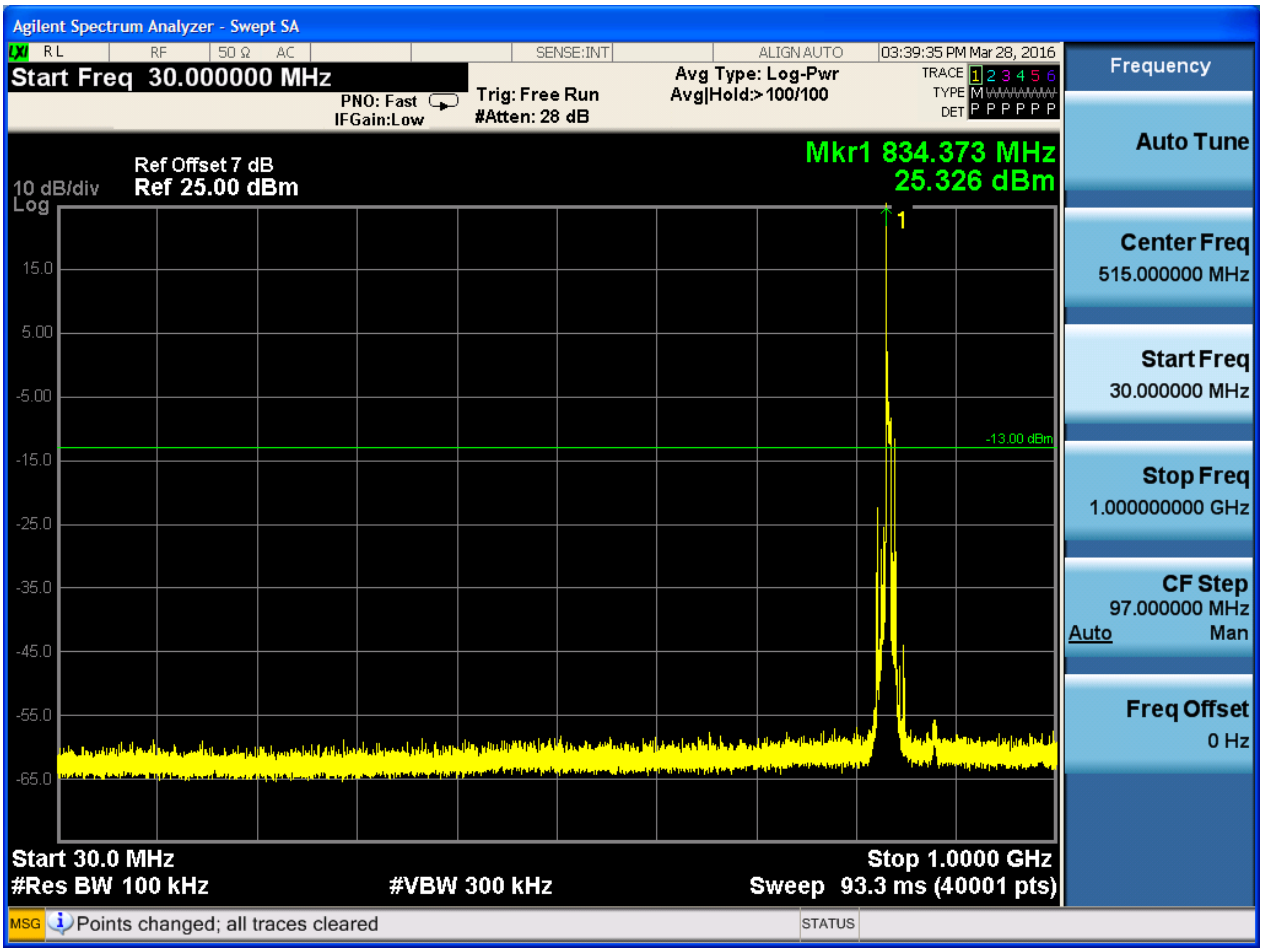

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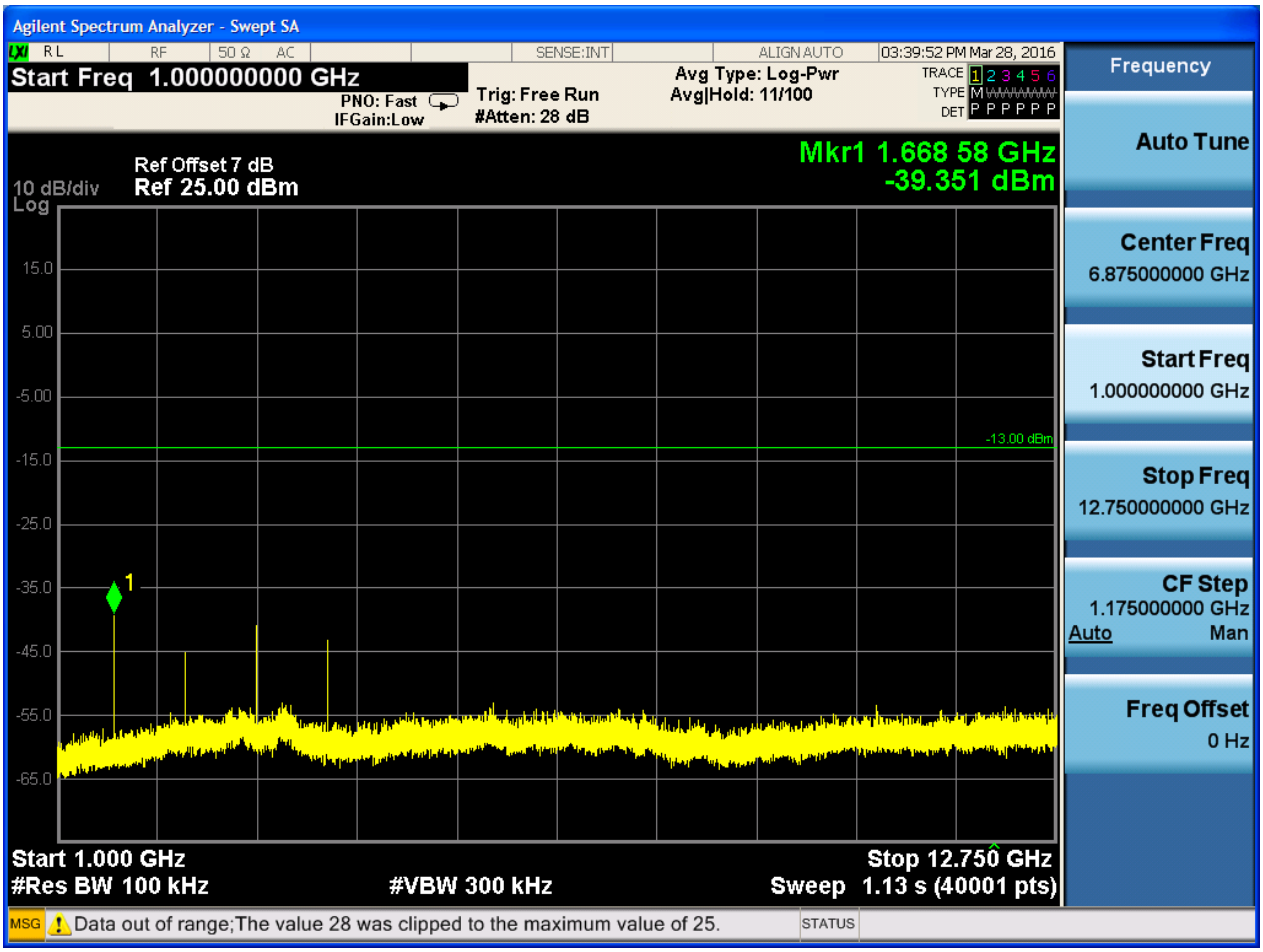
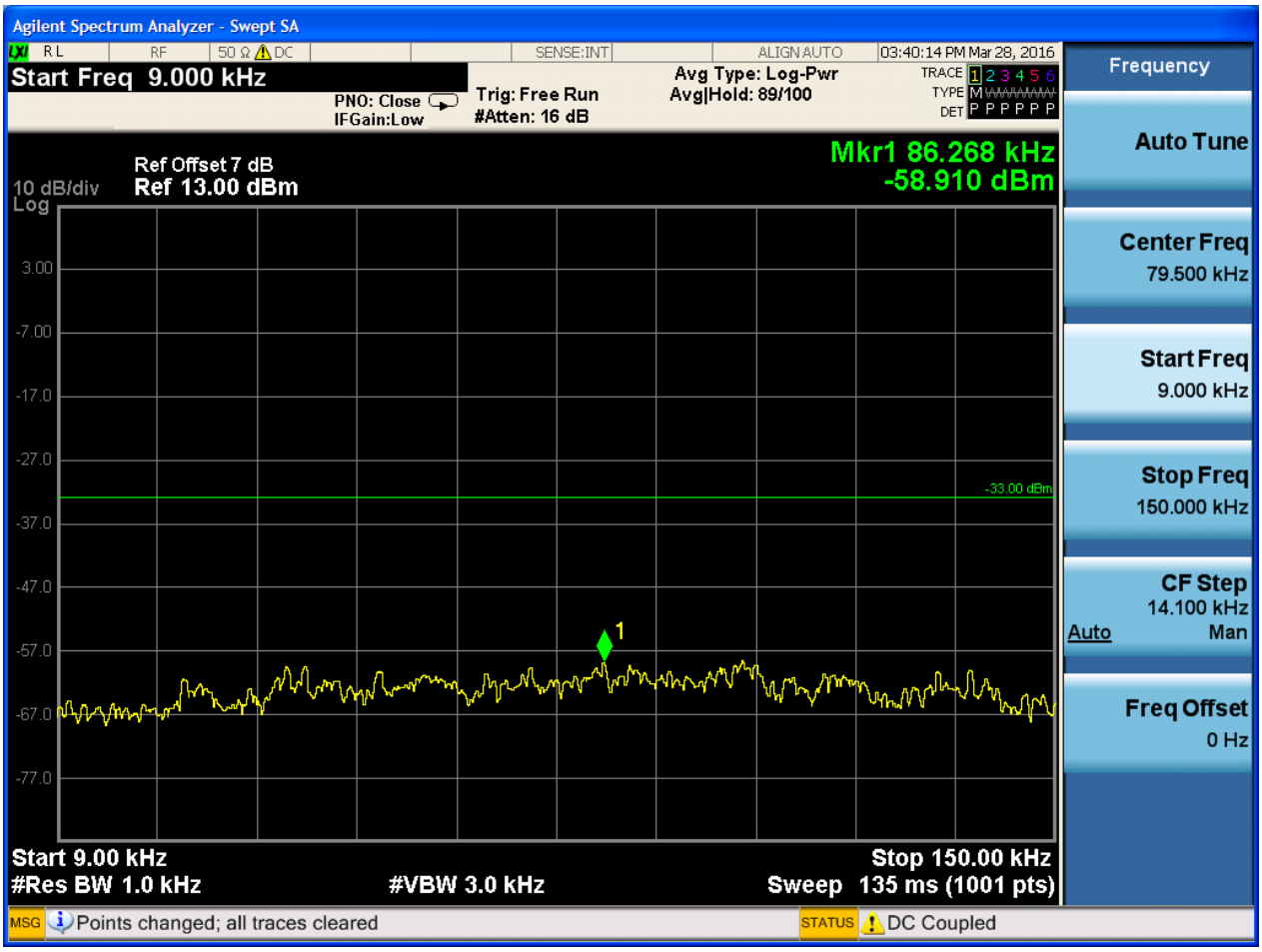

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:39:52 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.668 58 GHz
-39.351 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0



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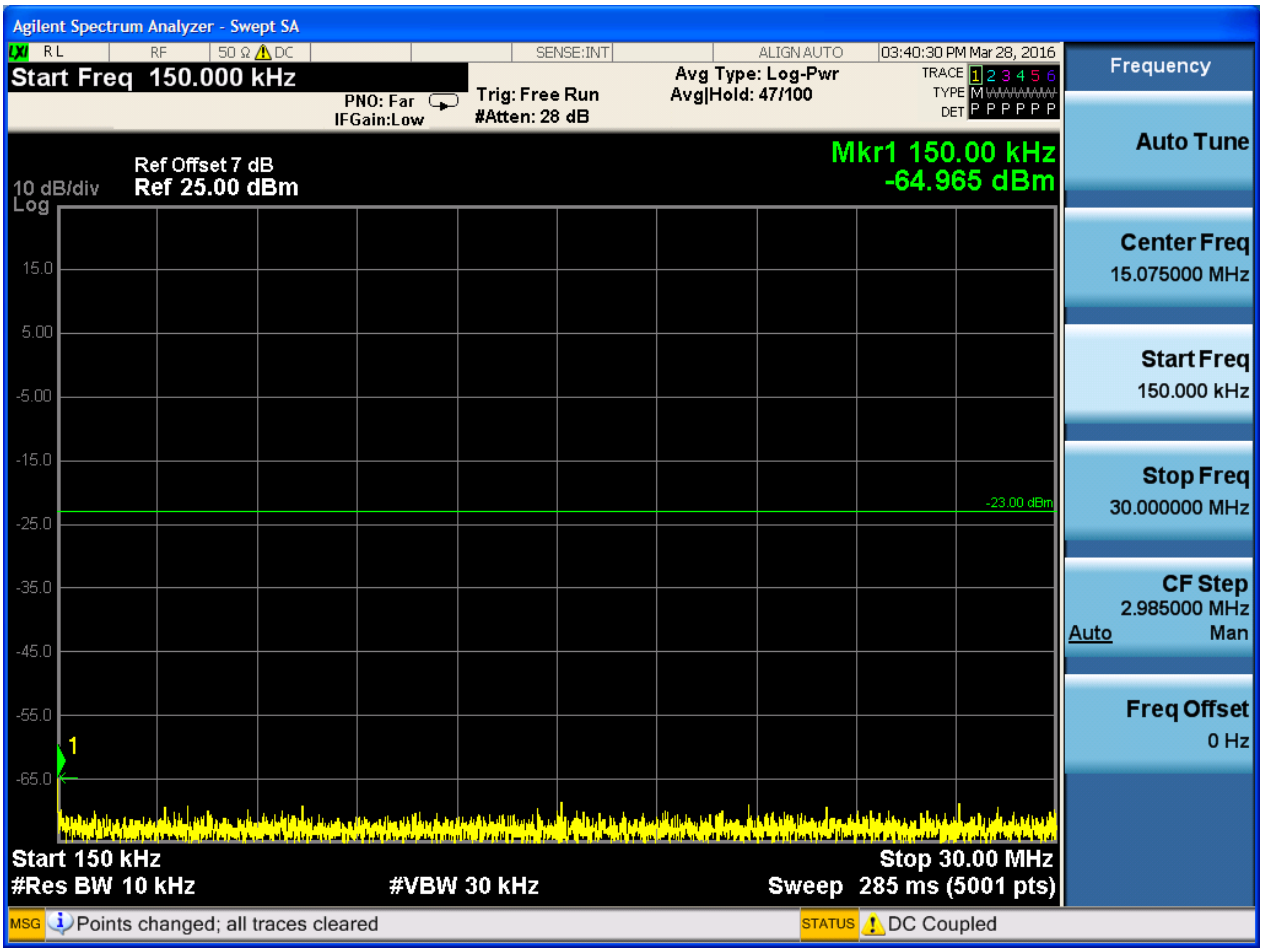

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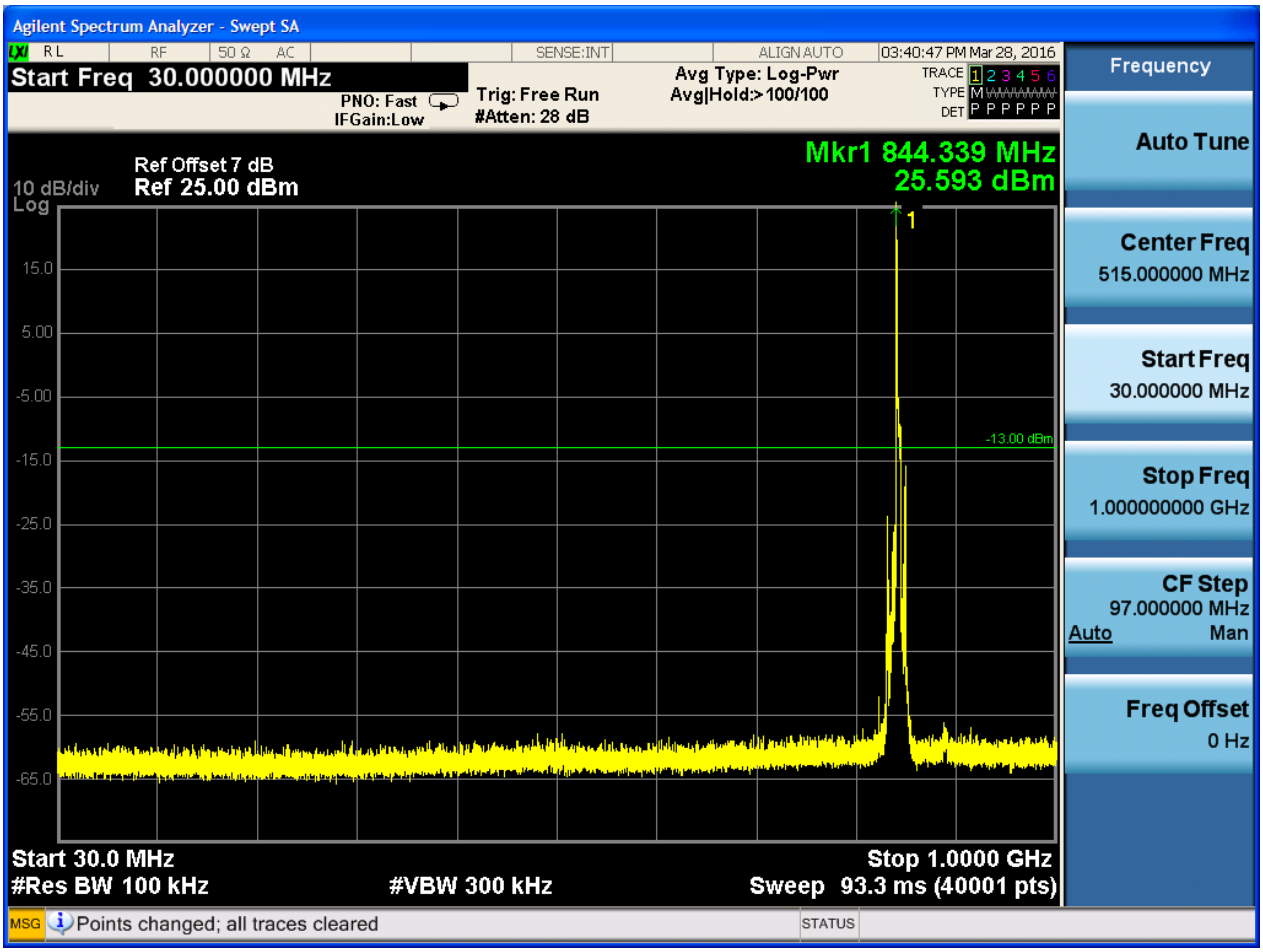
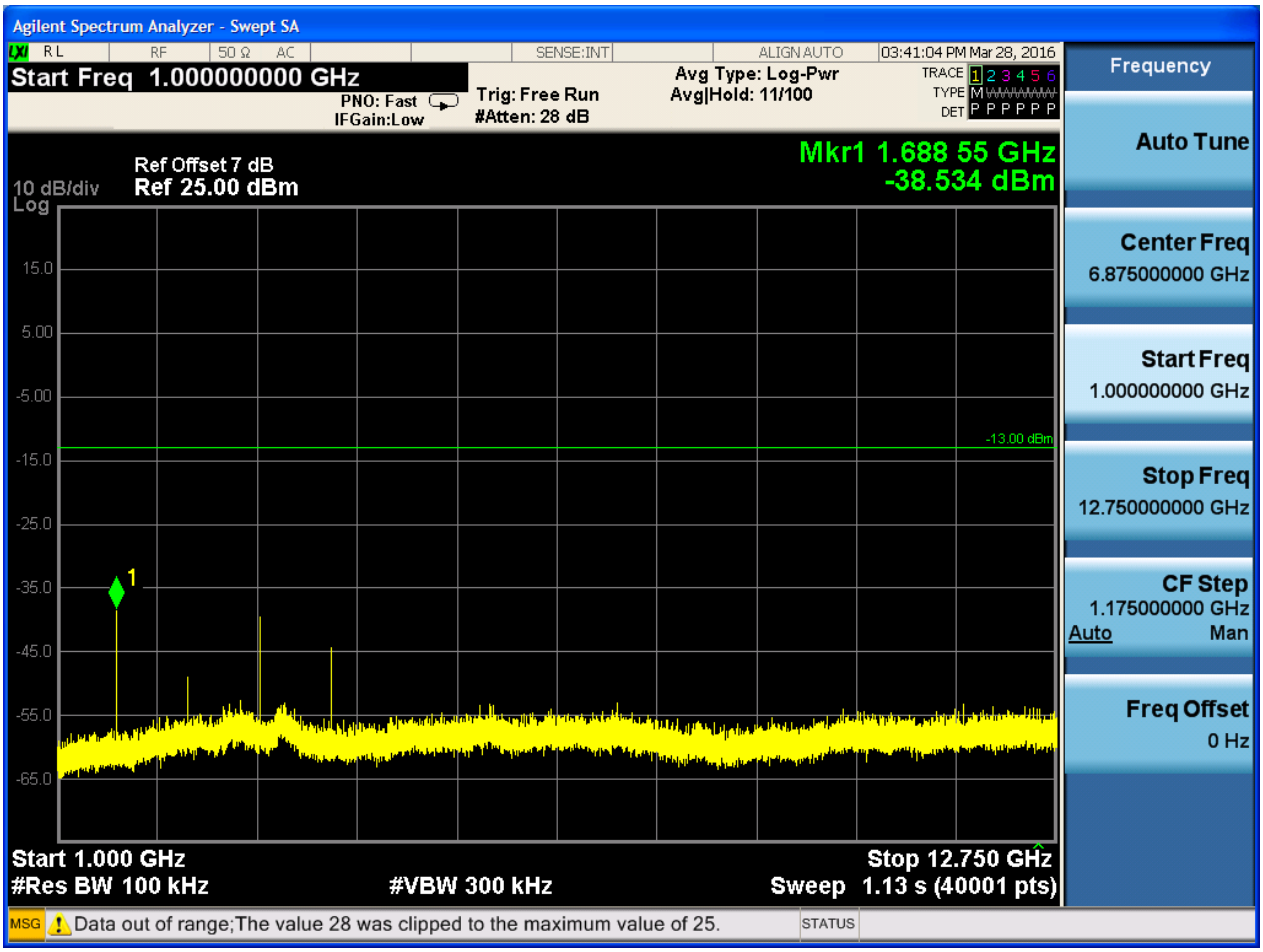

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:40:47 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 844.339 MHz
25.593 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz



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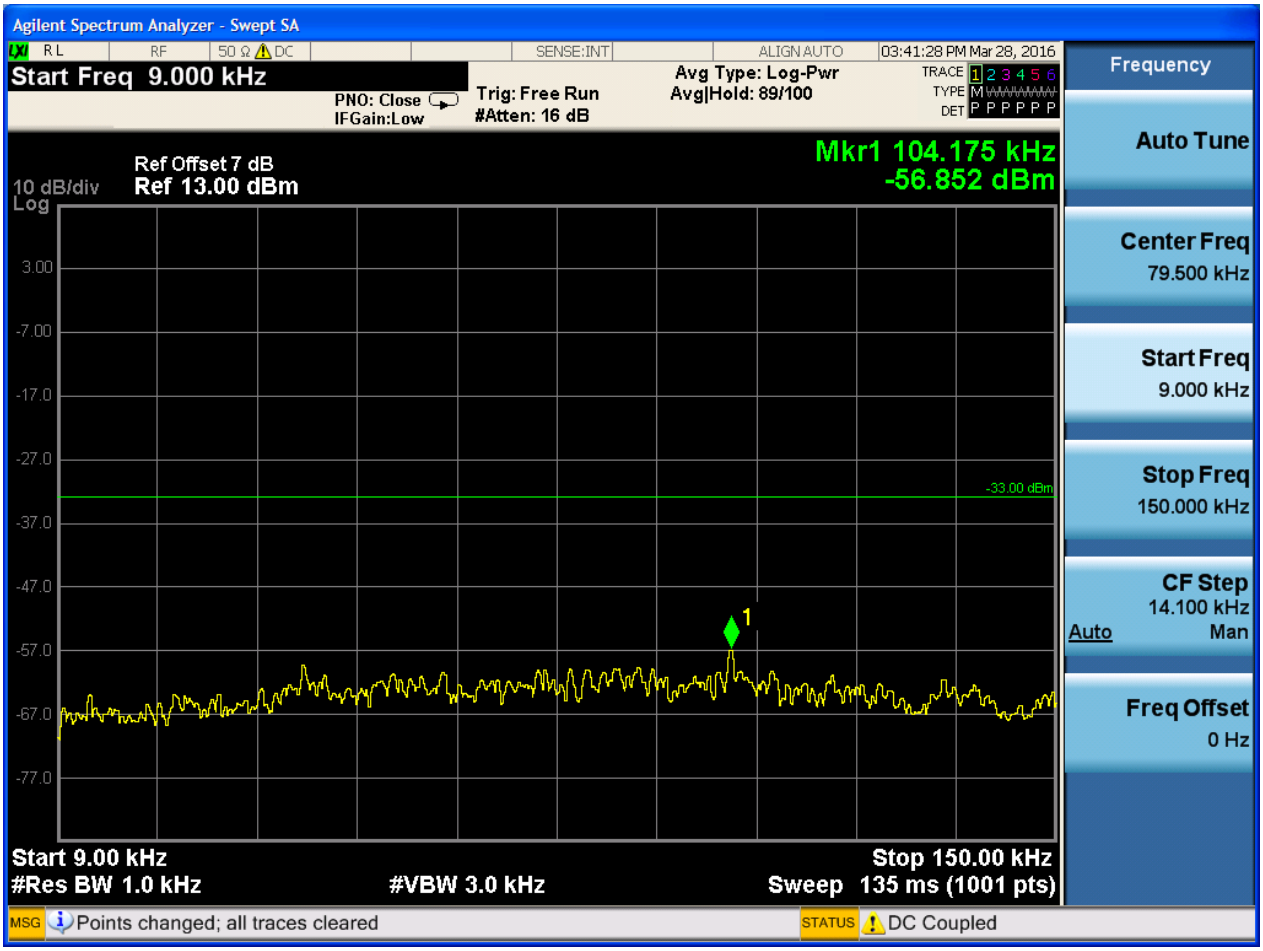
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



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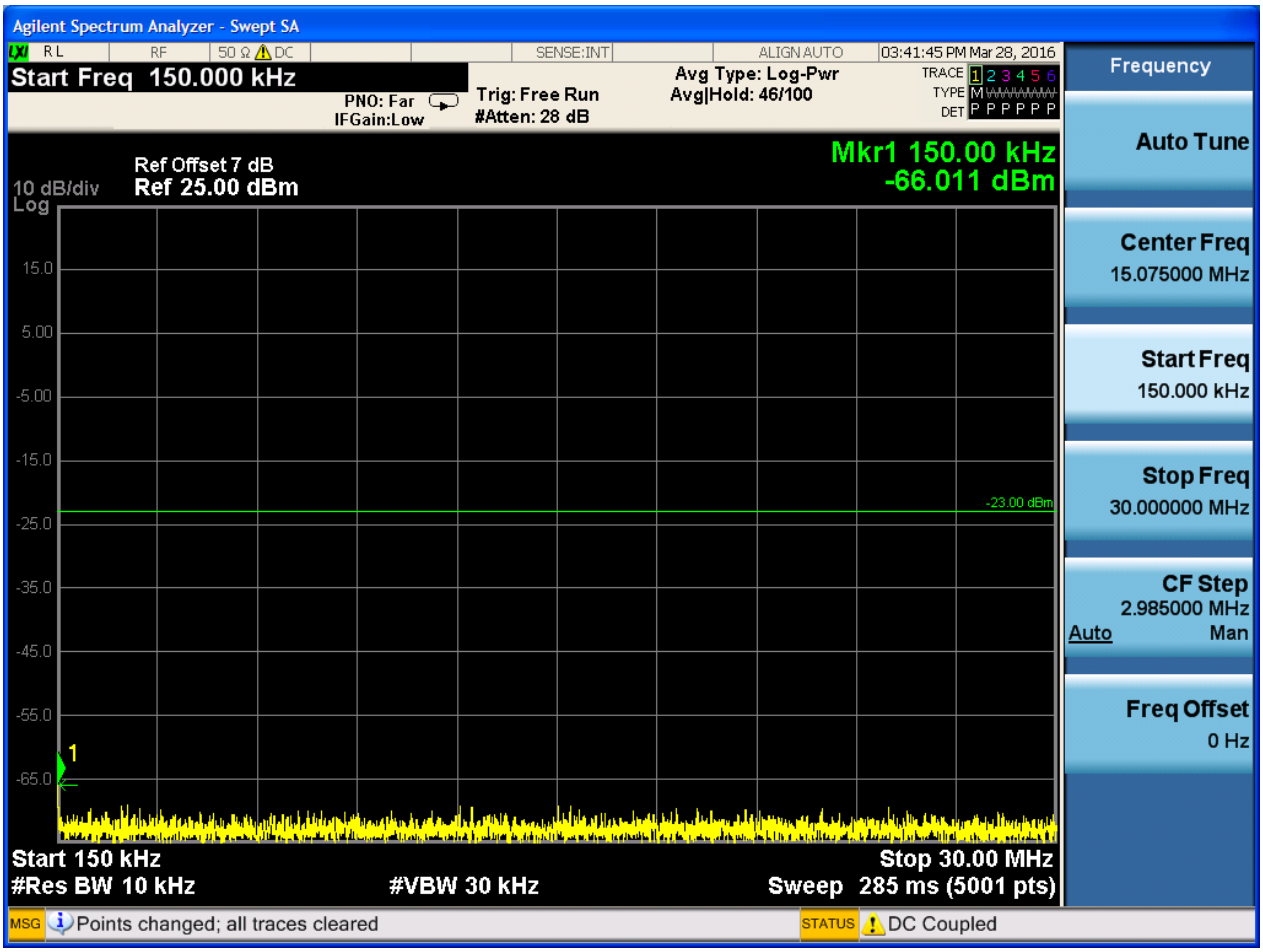

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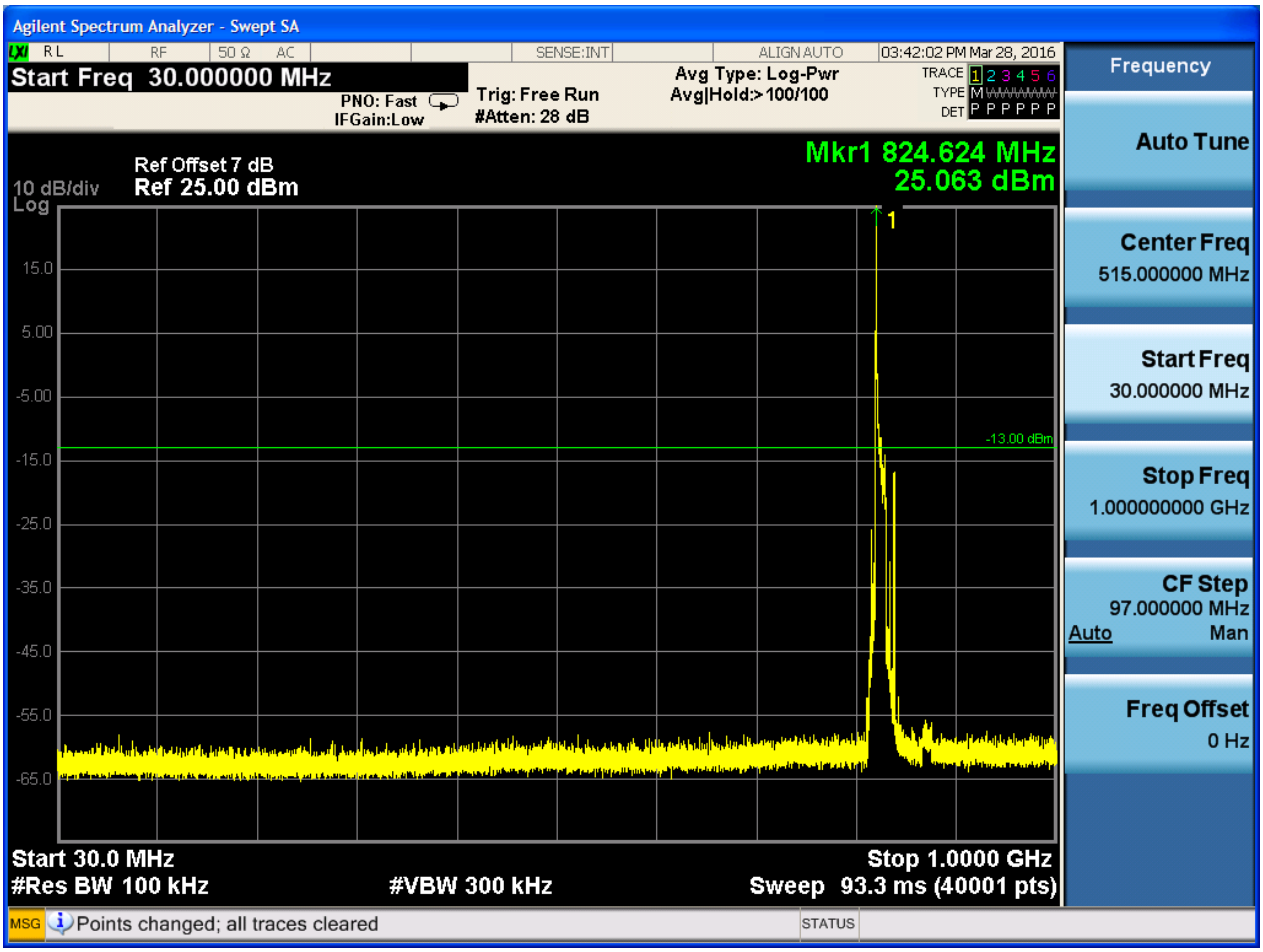
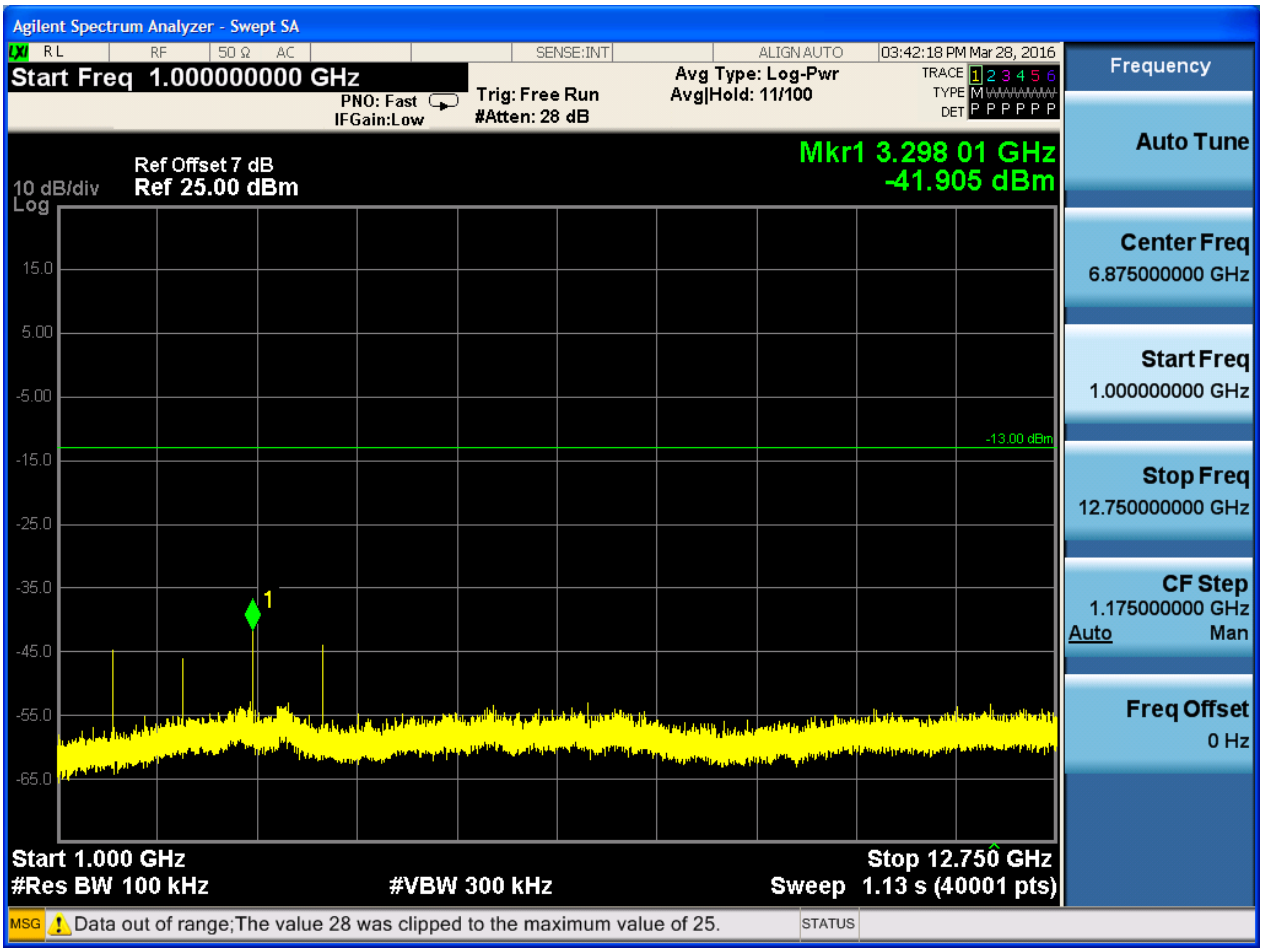
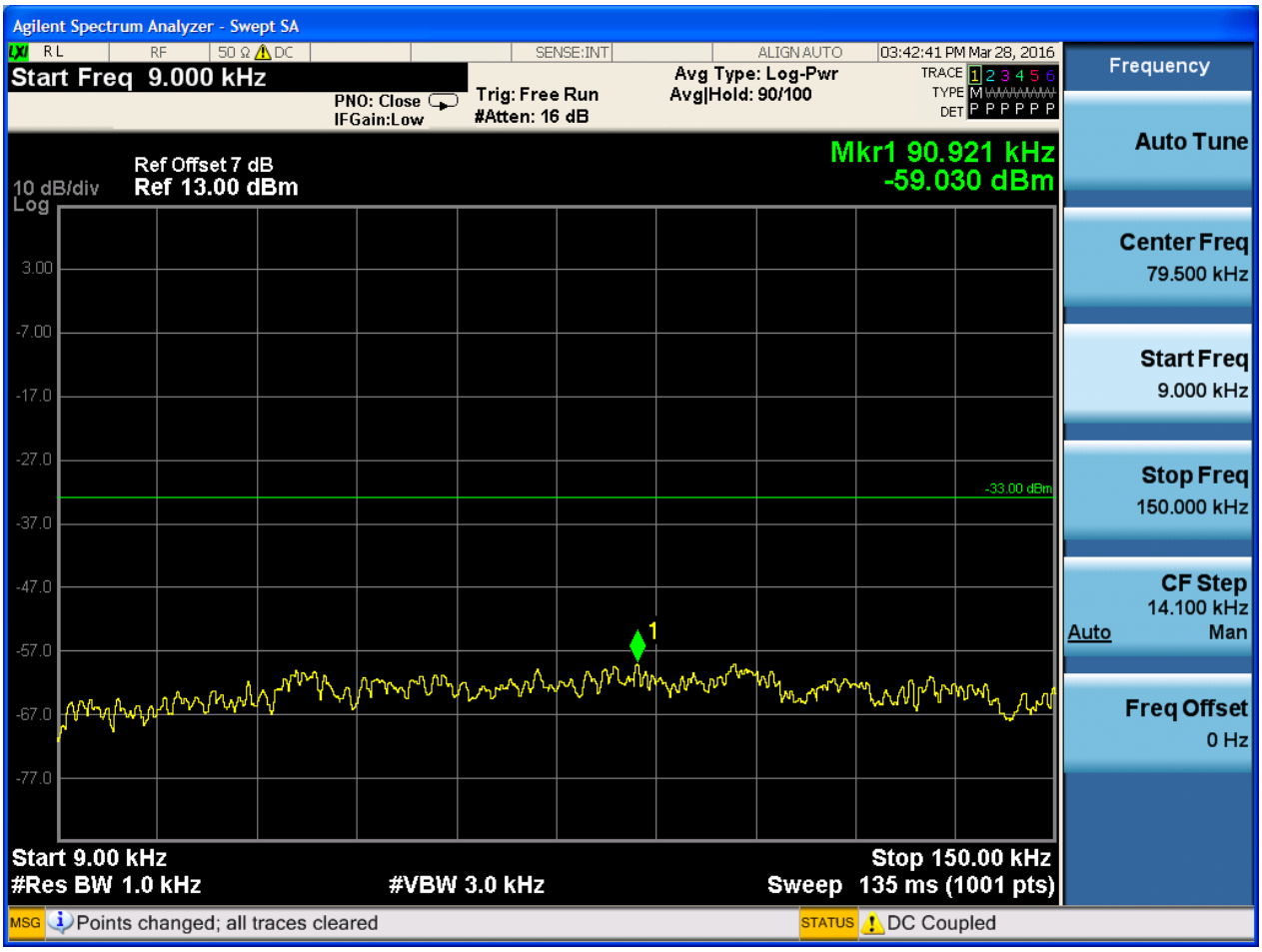

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:42:02 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 824.624 MHz
25.063 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:42:18 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.298 01 GHz
-41.905 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



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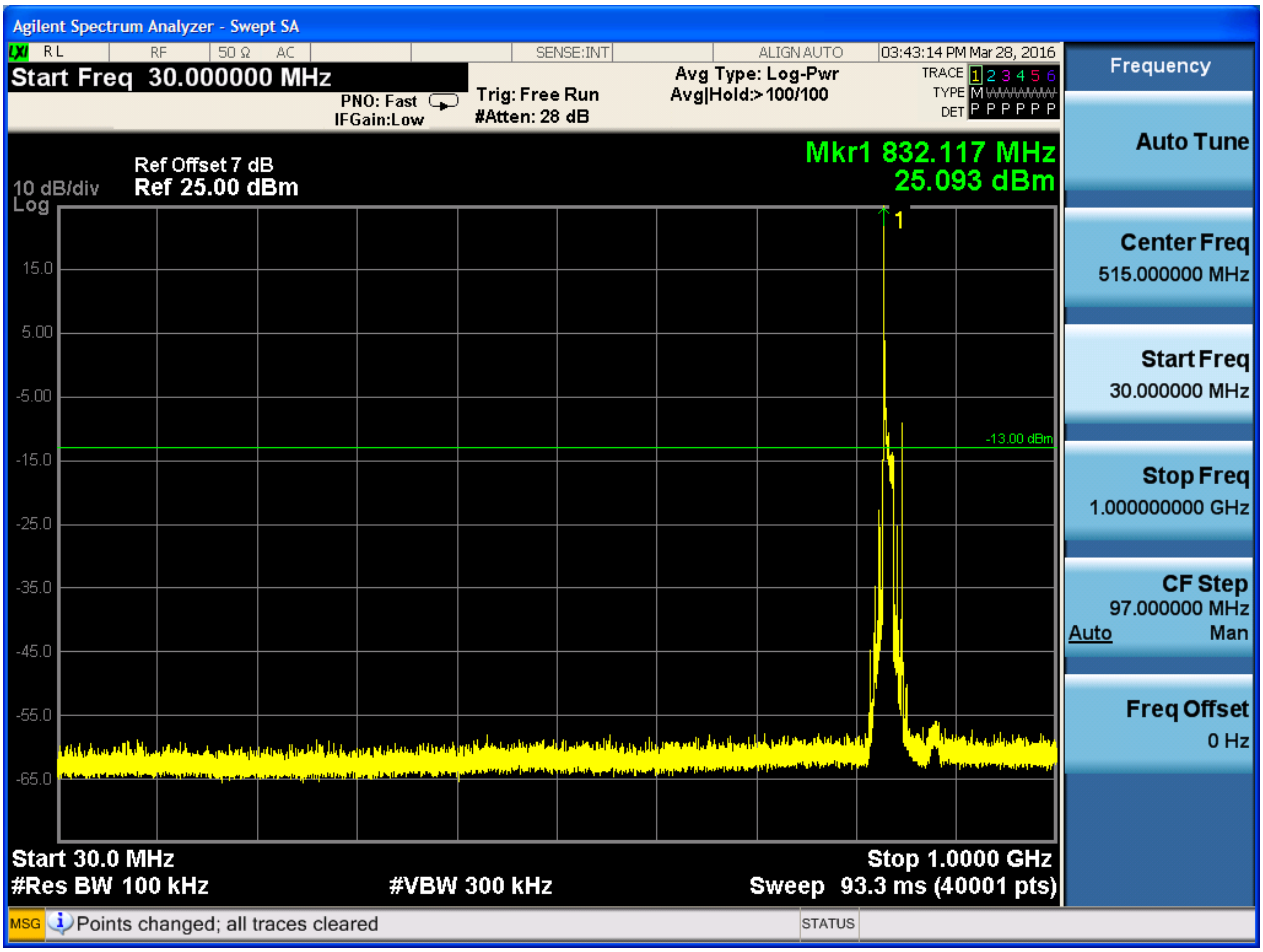
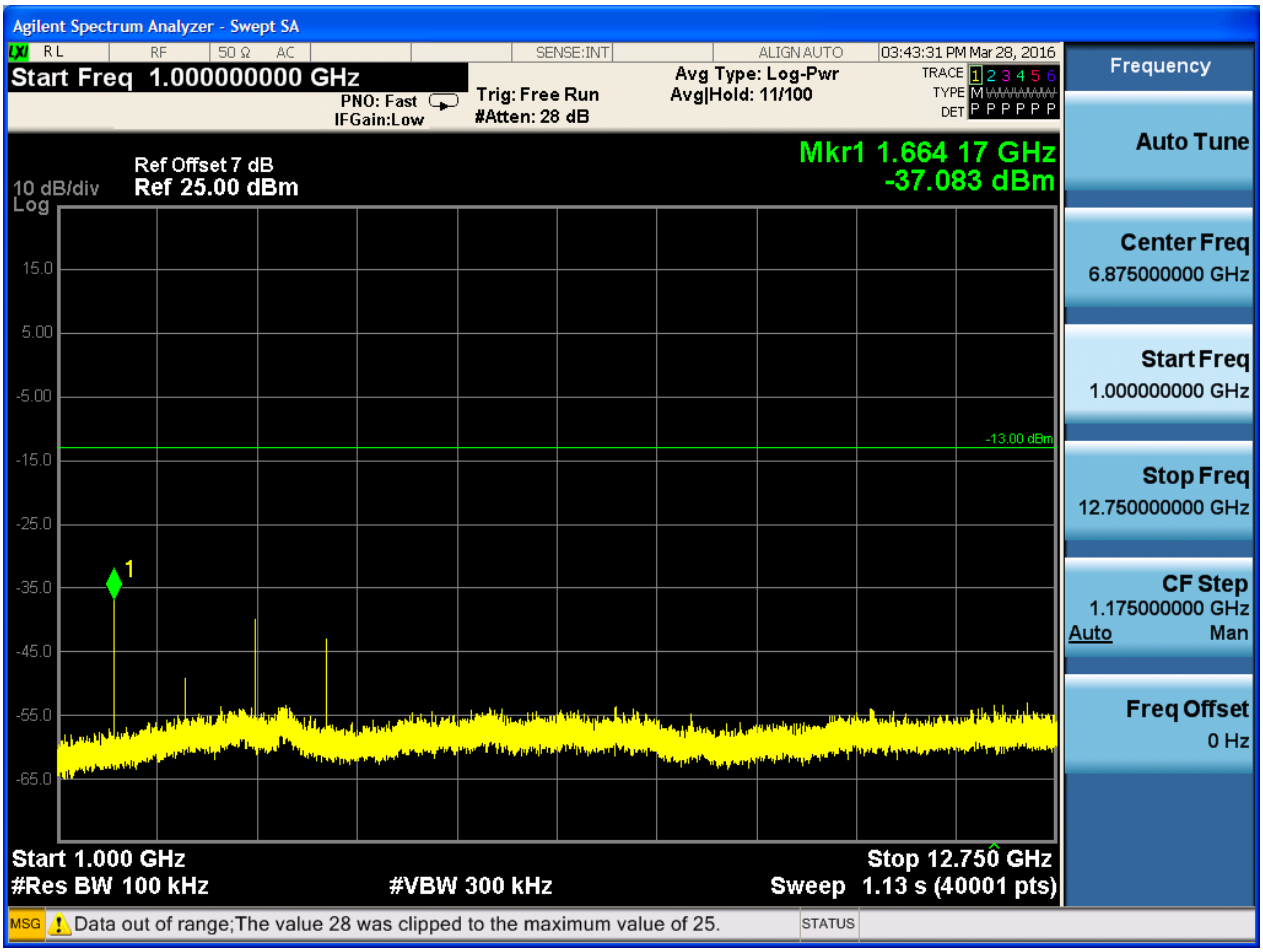
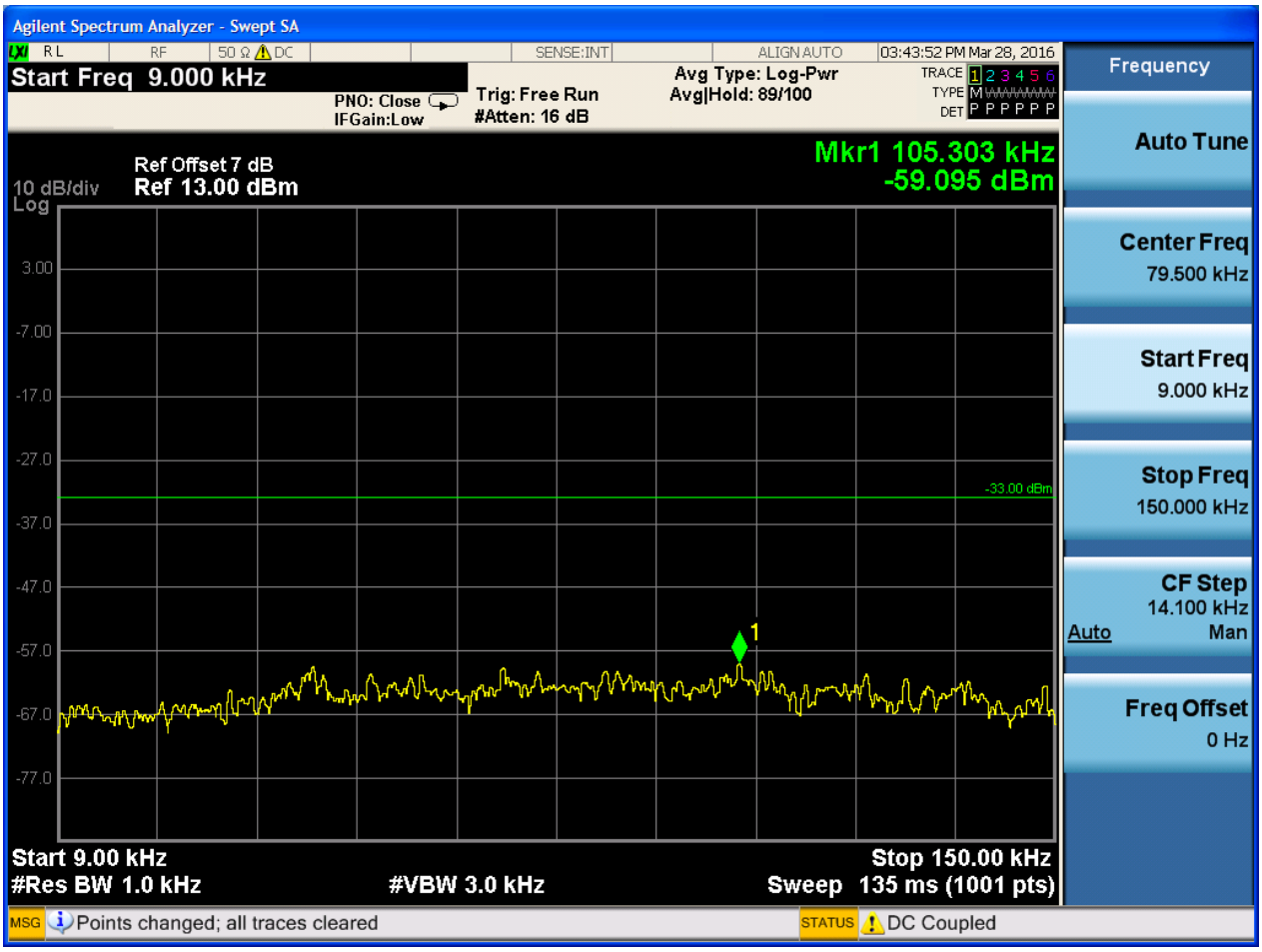

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:43:14 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 832.117 MHz
25.093 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:43:31 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.664 17 GHz
-37.083 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0



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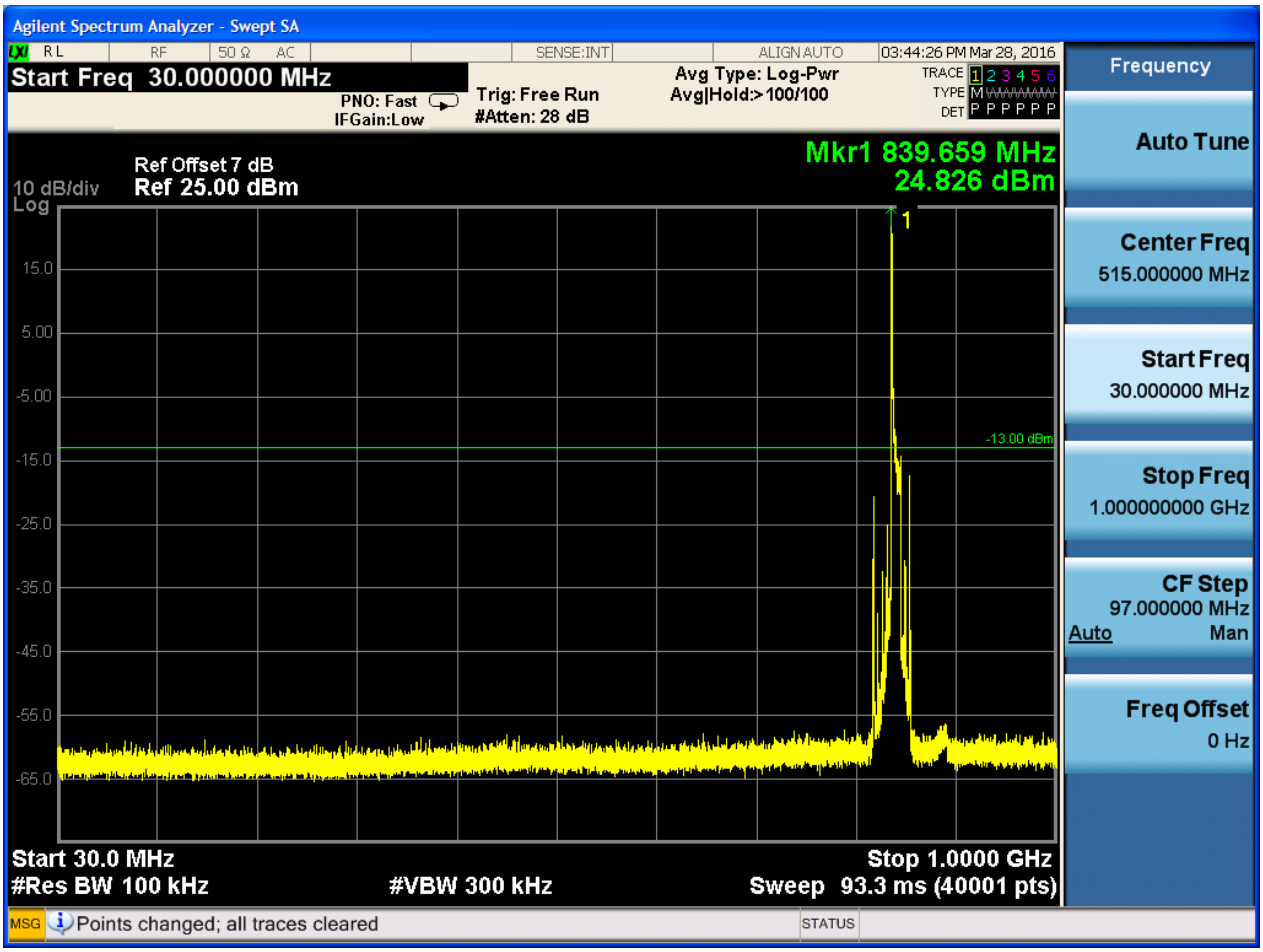
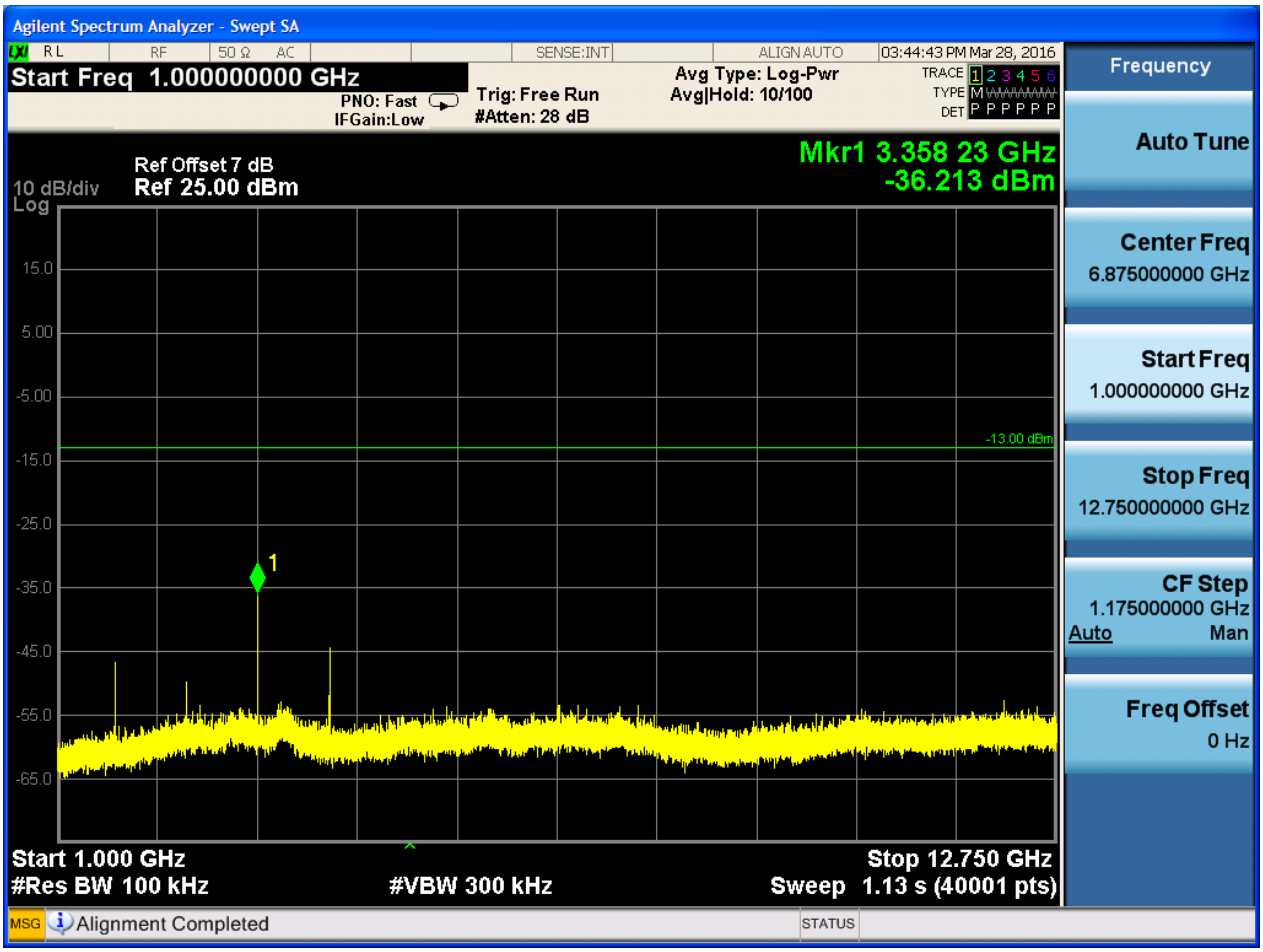

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:44:26 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 839.659 MHz
24.826 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz

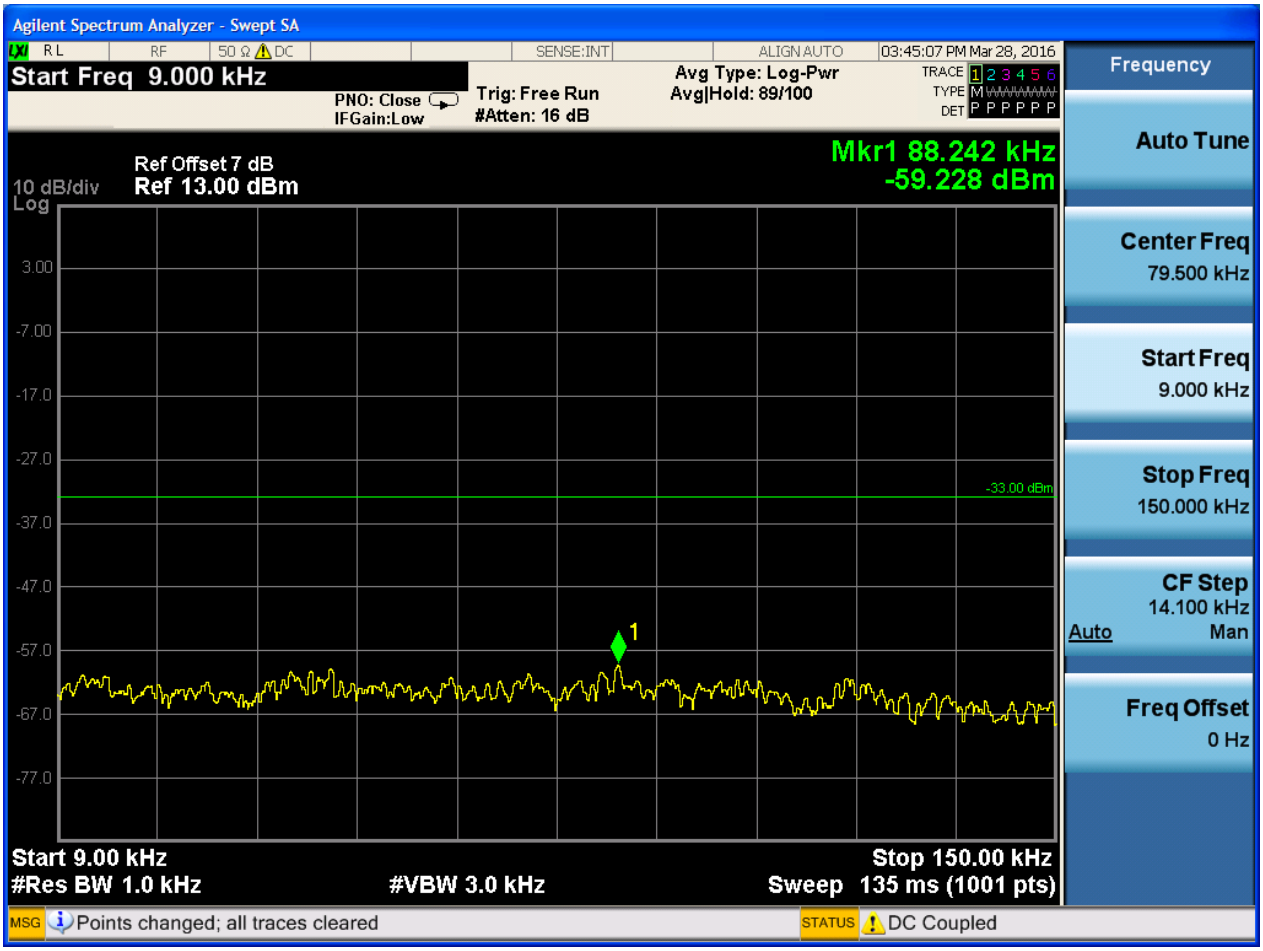

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 10/100
03:44:43 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.358 23 GHz
-36.213 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Alignment Completed
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2 Test Mode = LTE/TM2

6.1.1.2.1 Test Bandwidth = 1.4

6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



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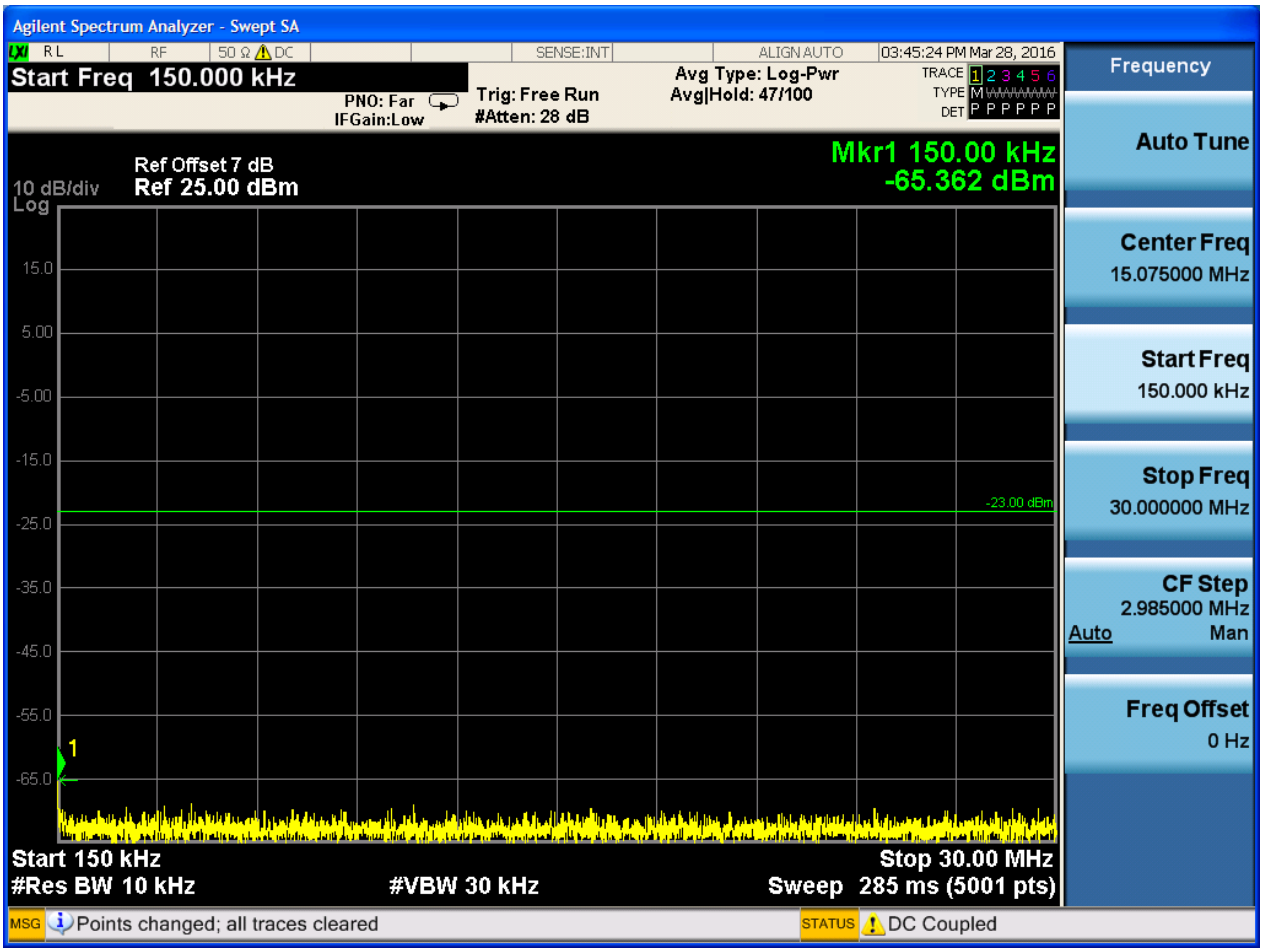

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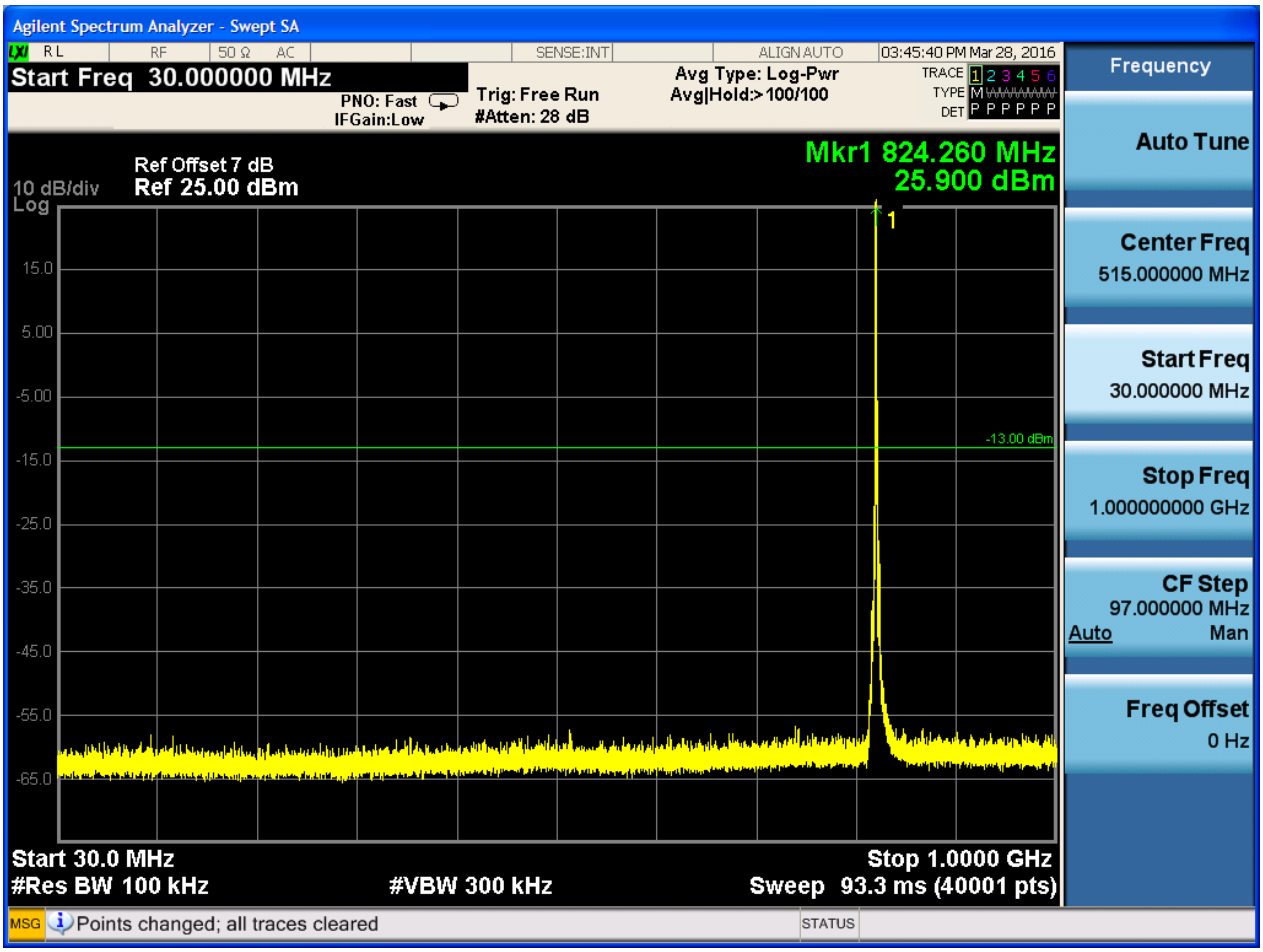
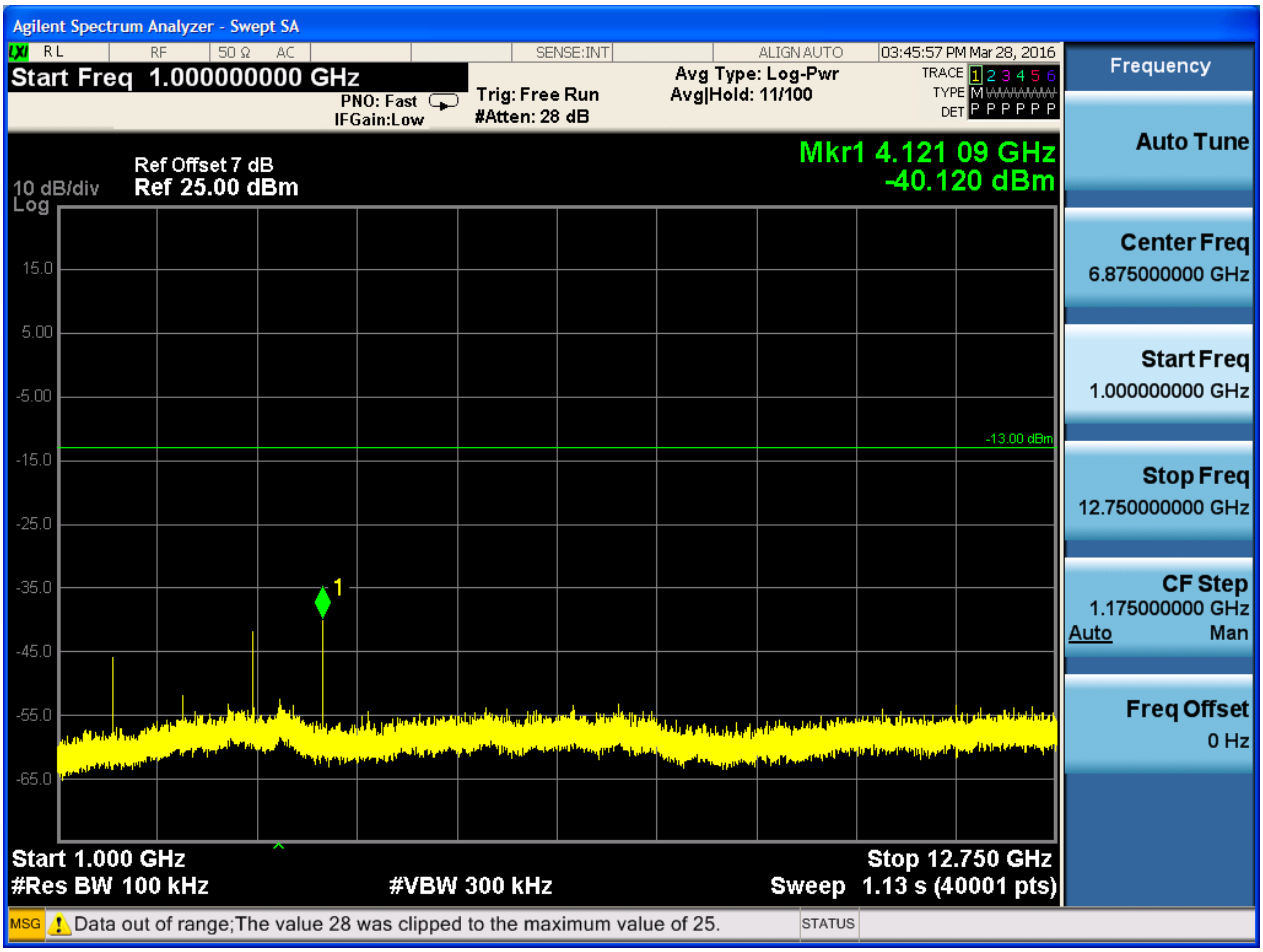
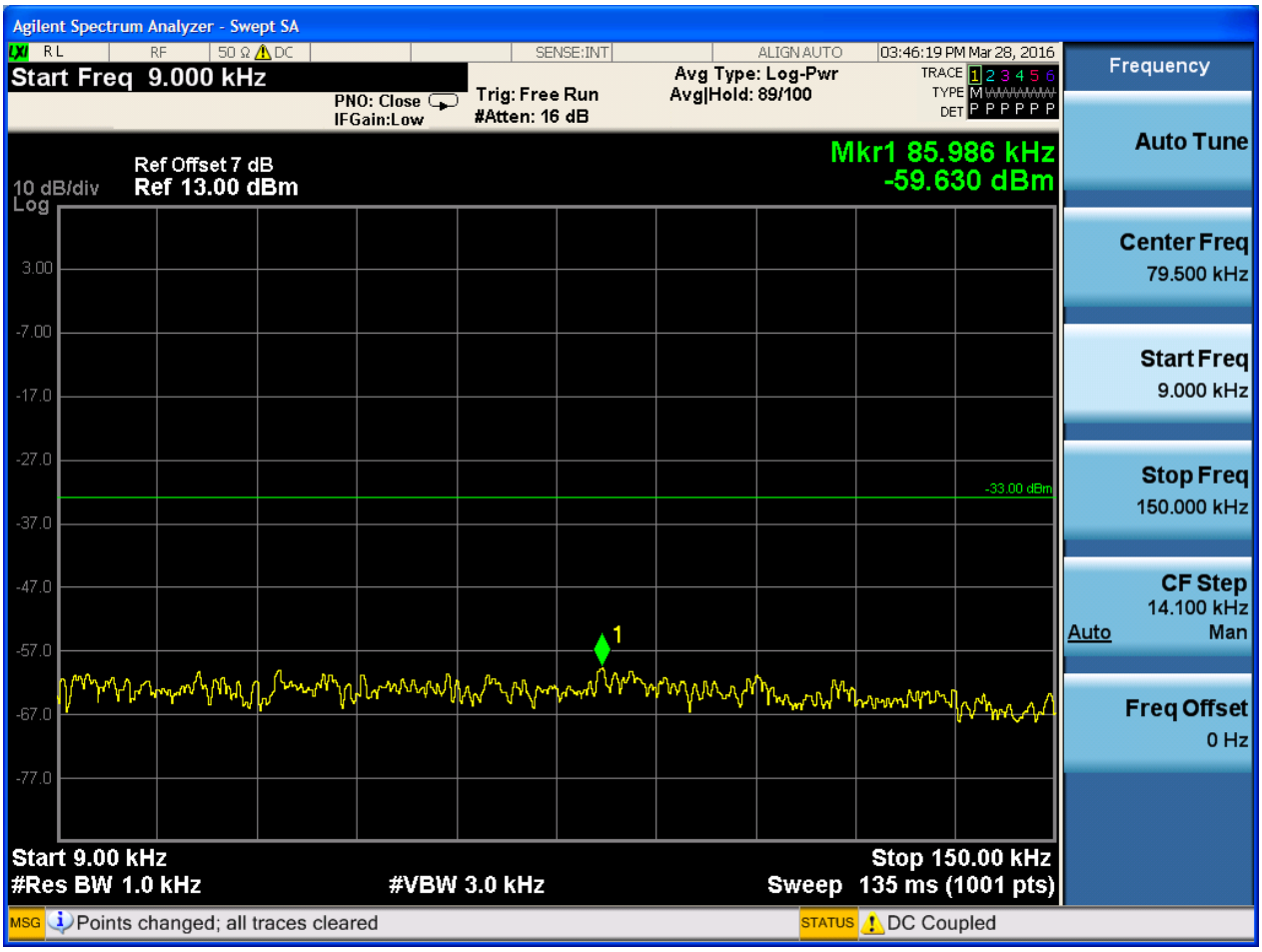

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:45:40 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 824.260 MHz
25.900 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:45:57 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 4.121 09 GHz
-40.120 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



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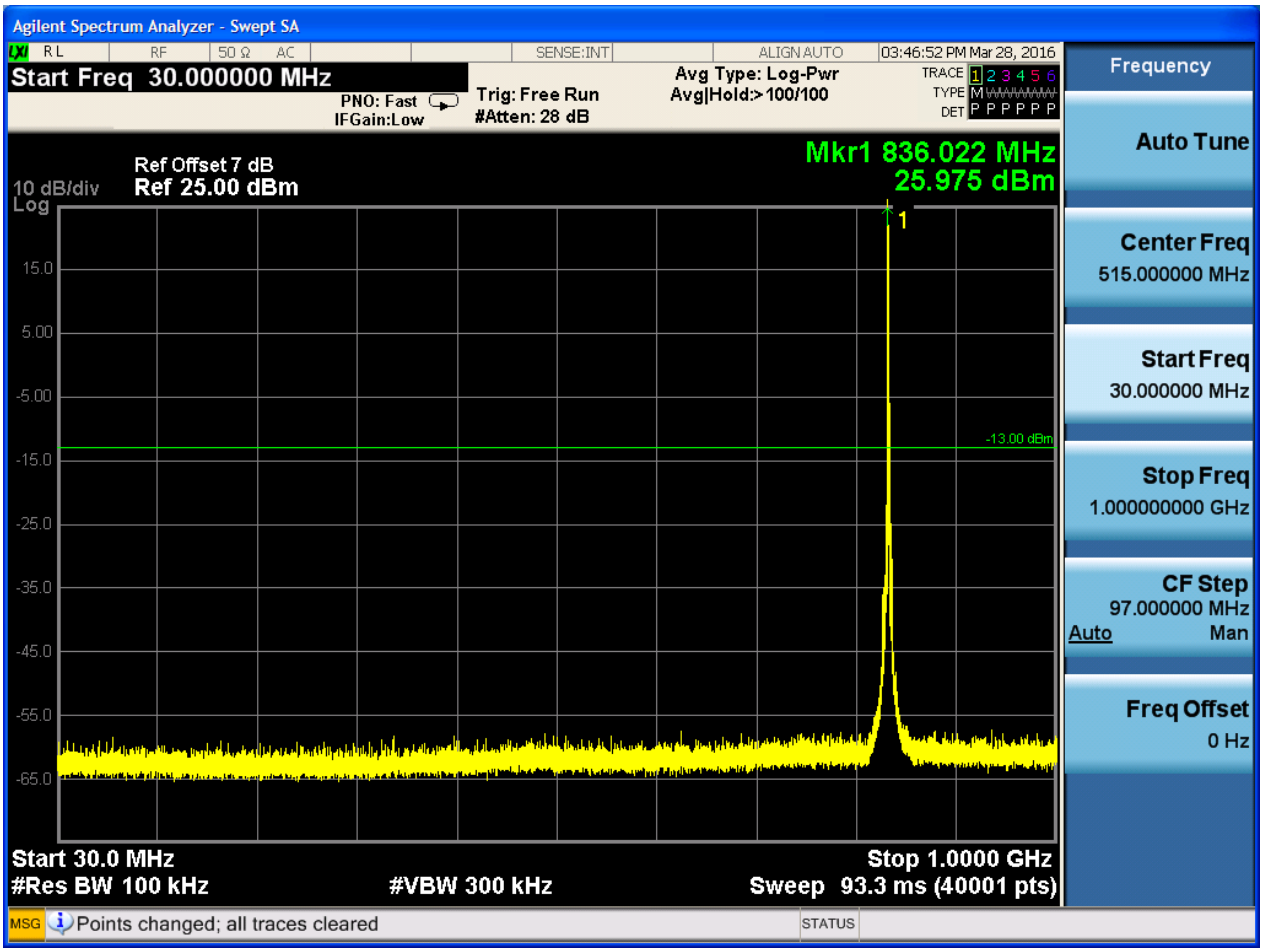
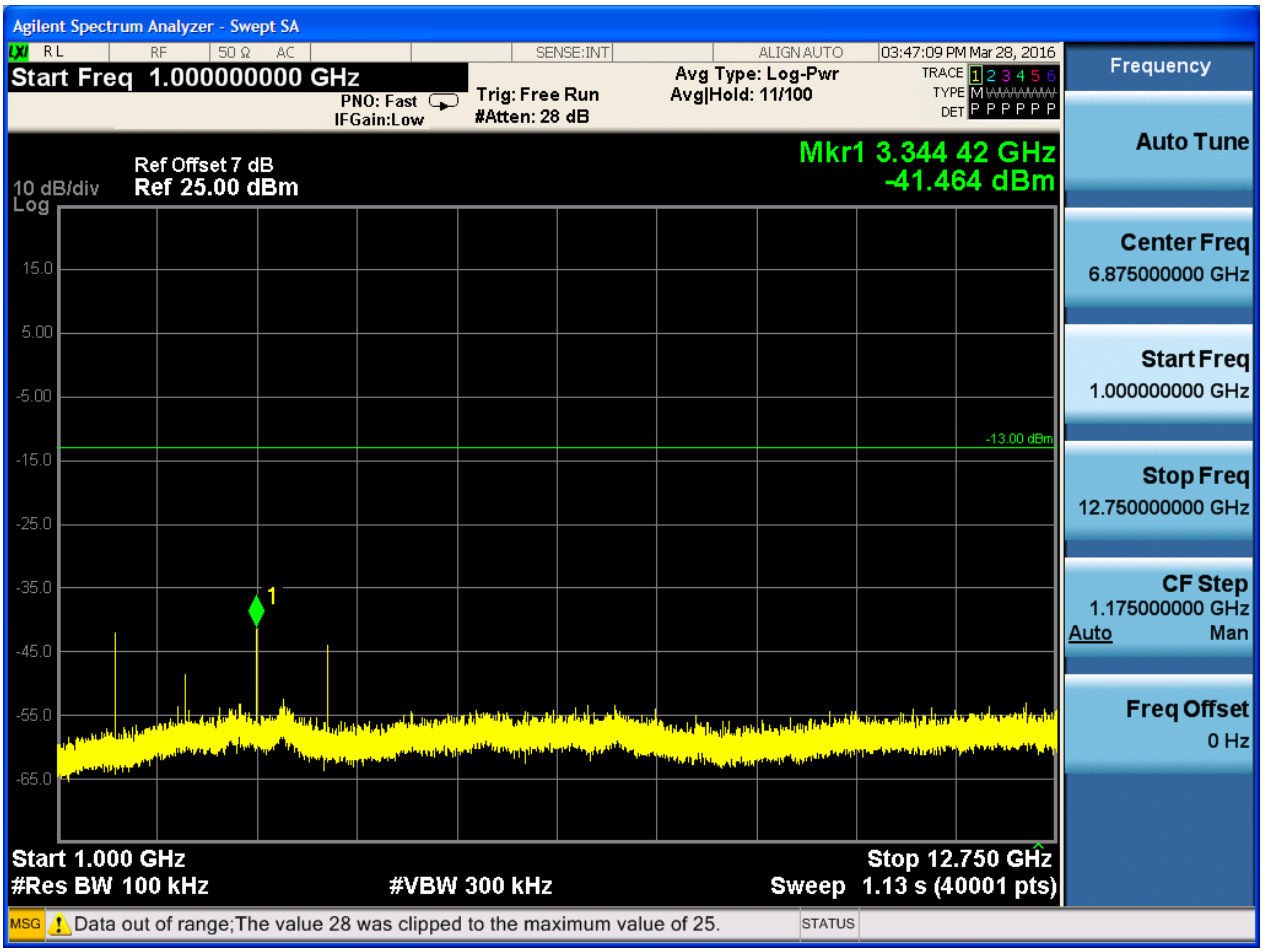

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:46:52 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 836.022 MHz
25.975 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz



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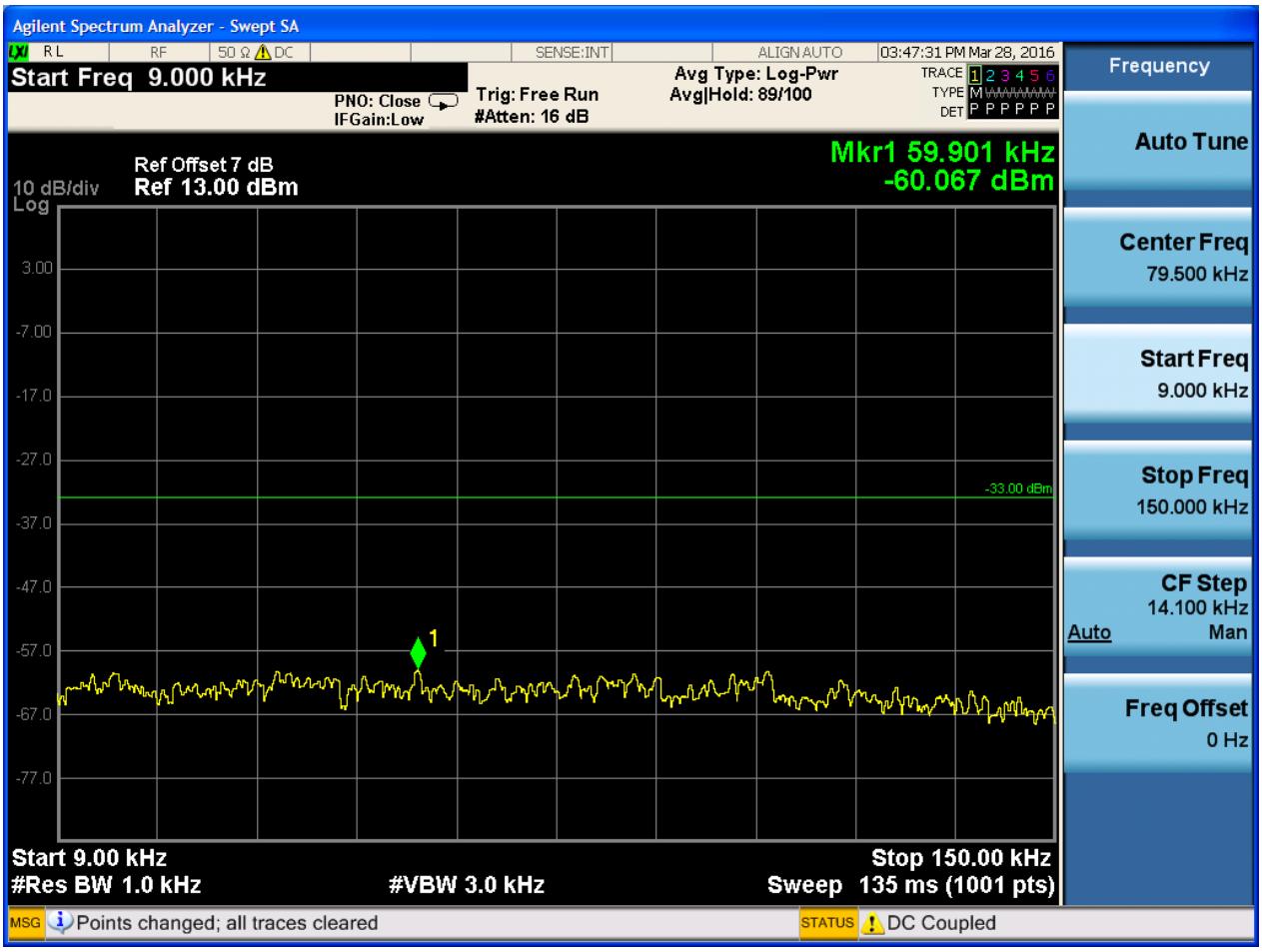
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



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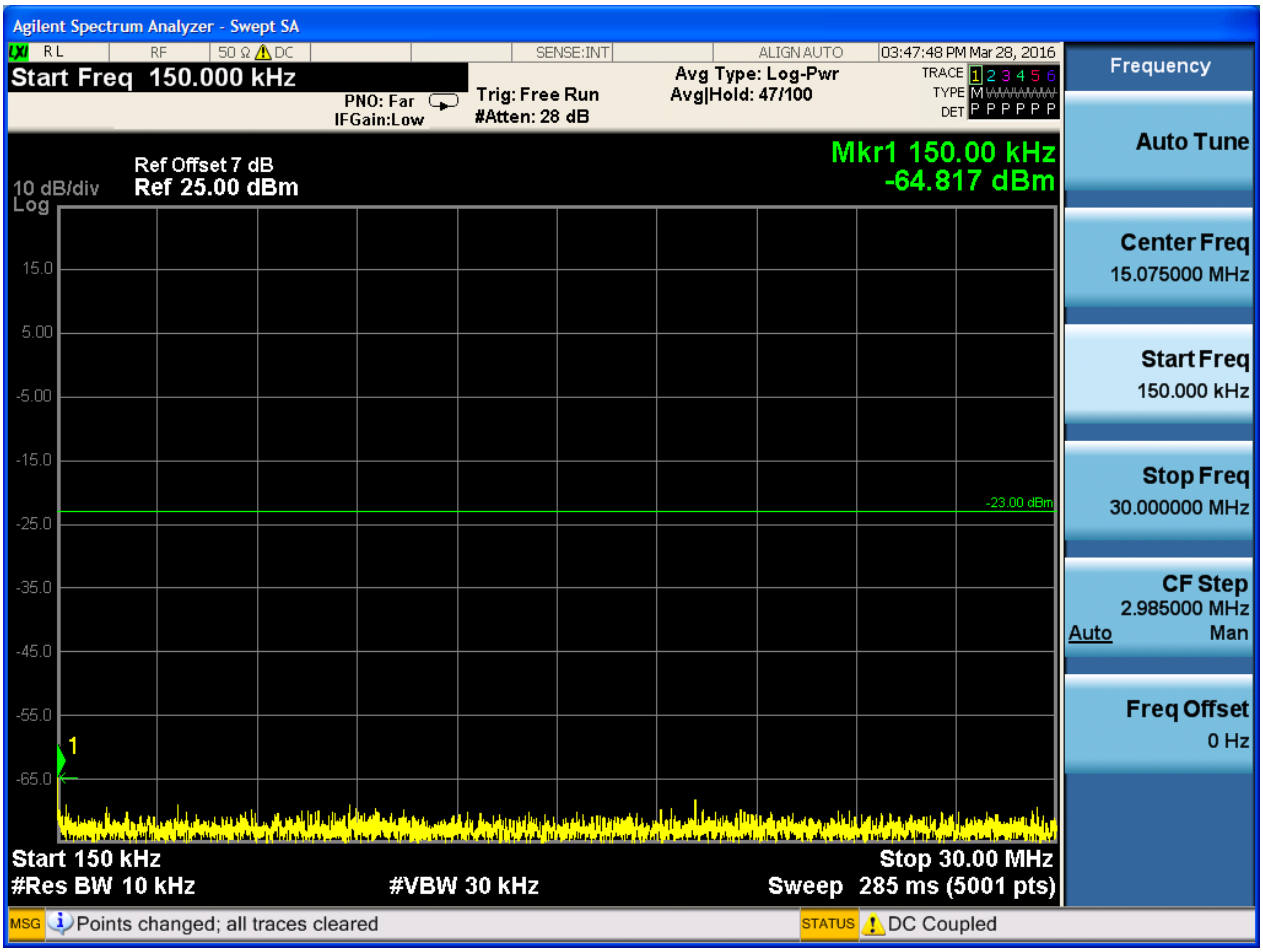

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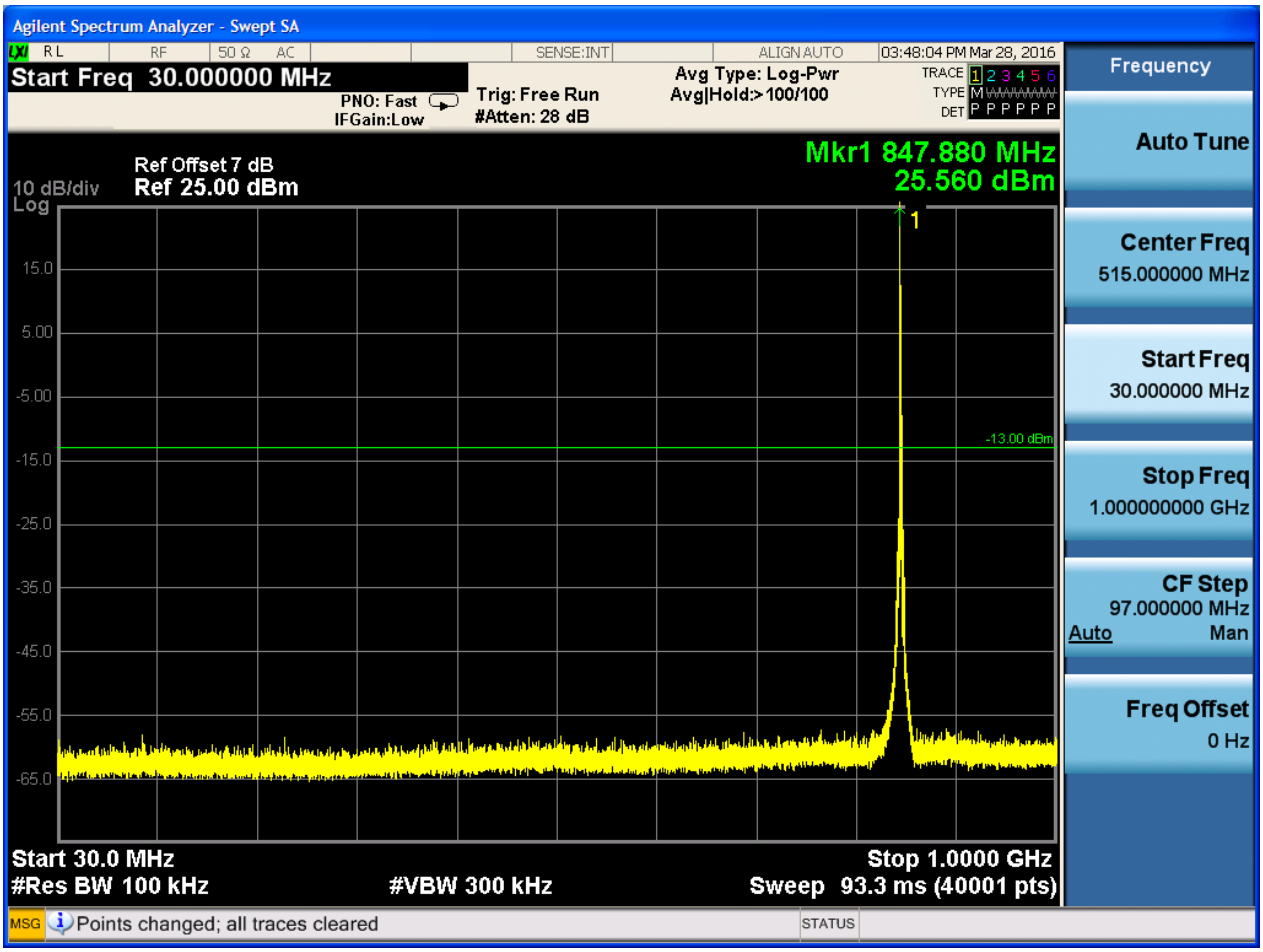
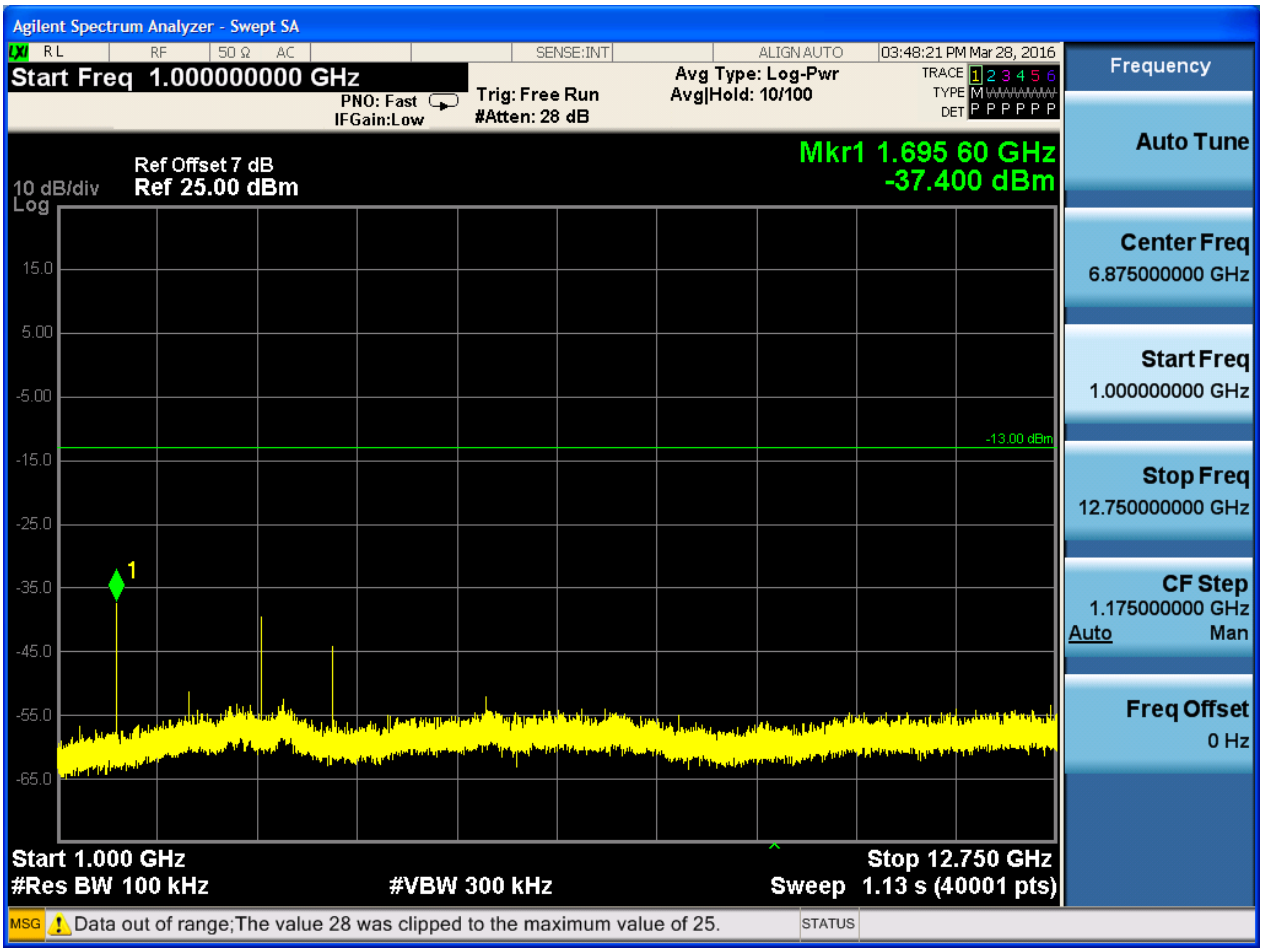

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:48:04 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 847.880 MHz
25.560 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz



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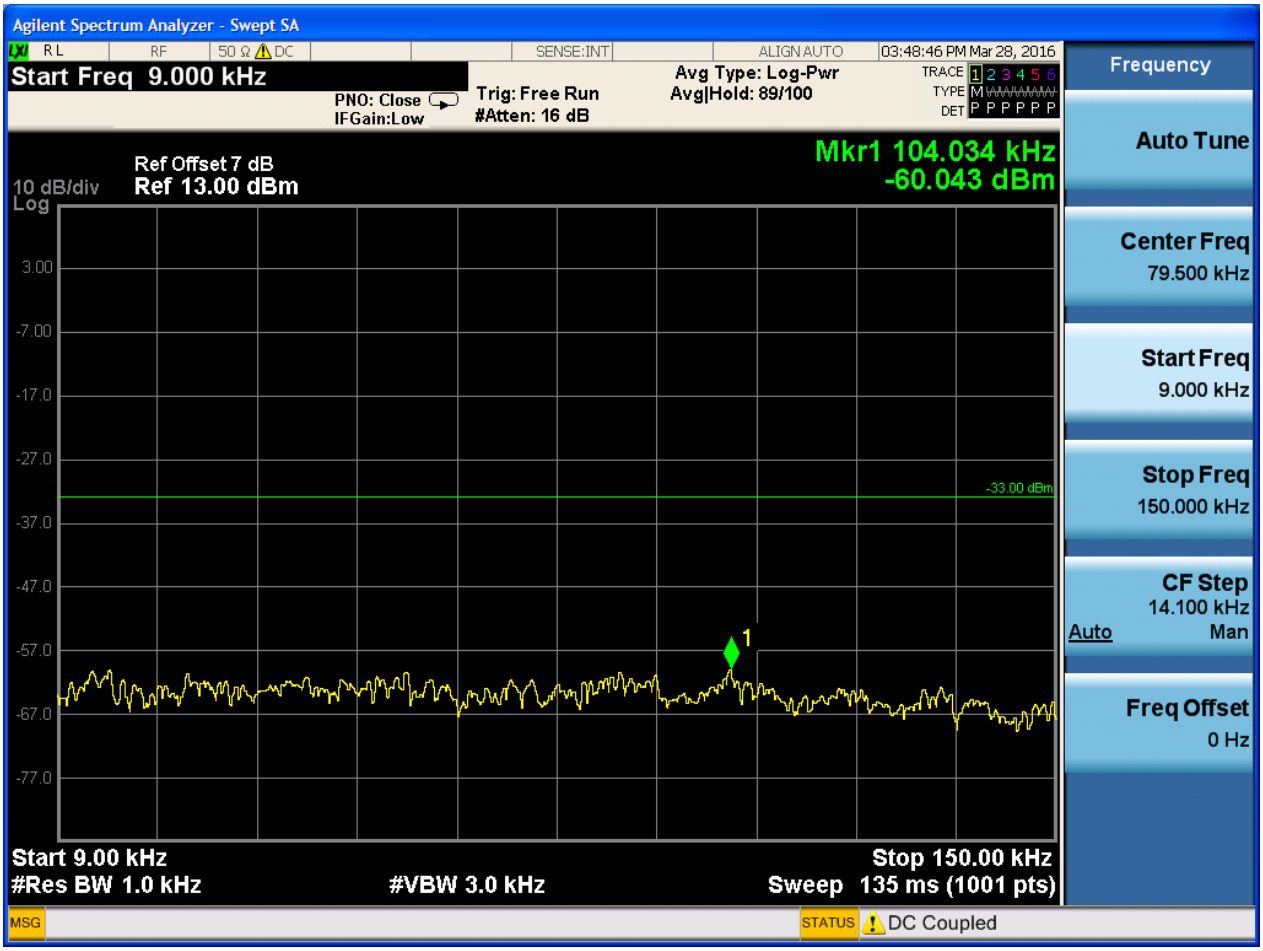
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



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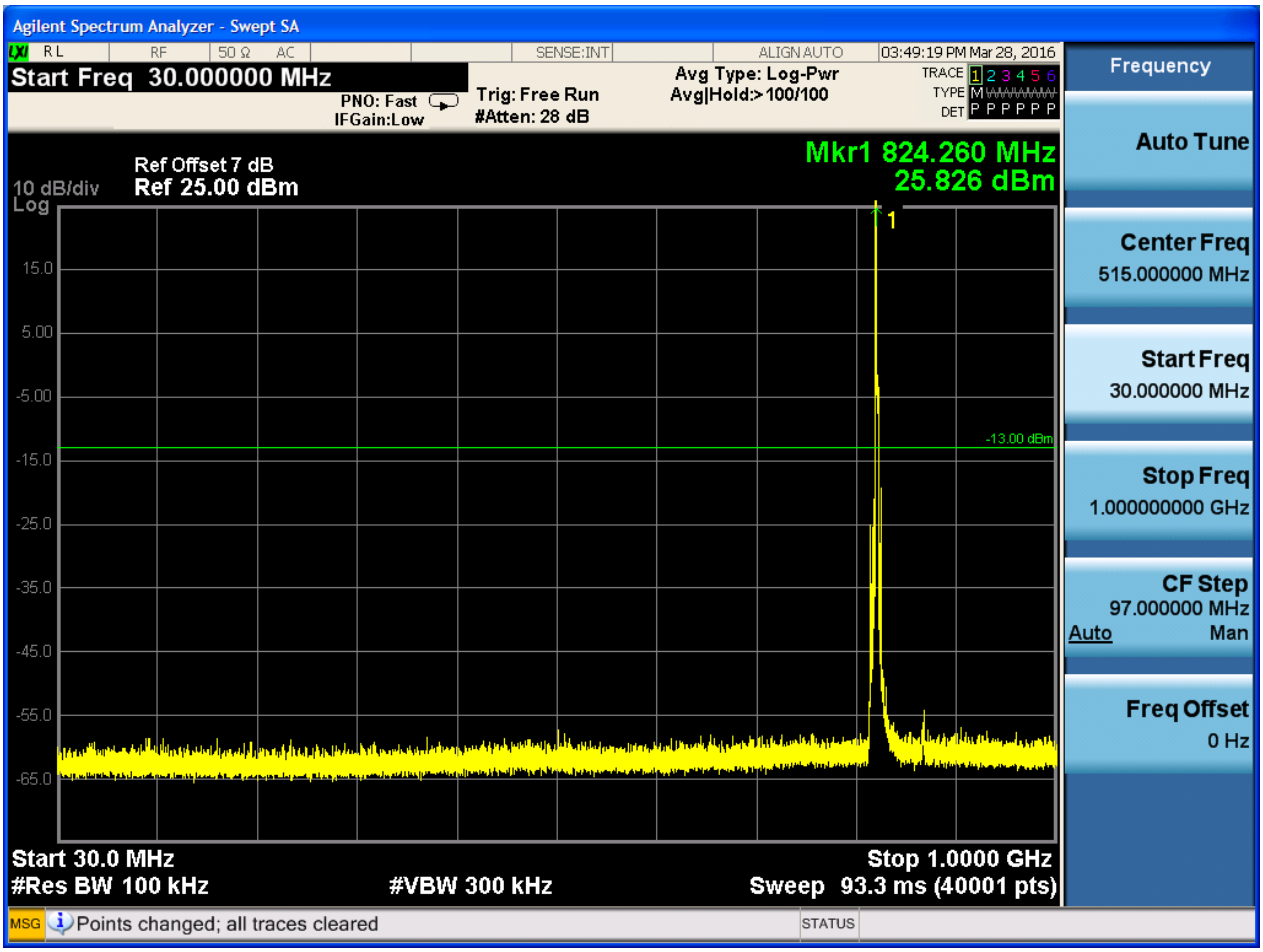

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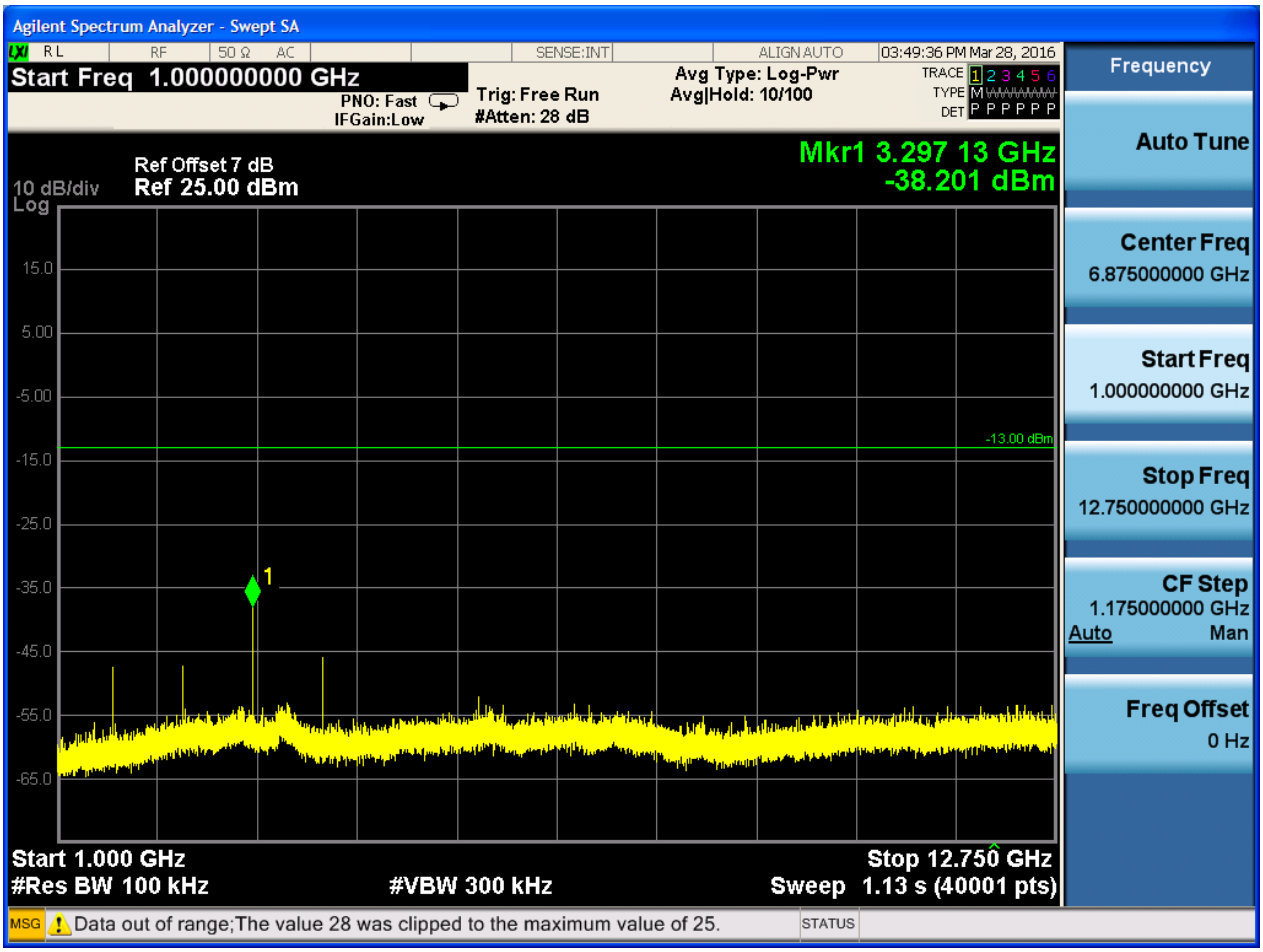

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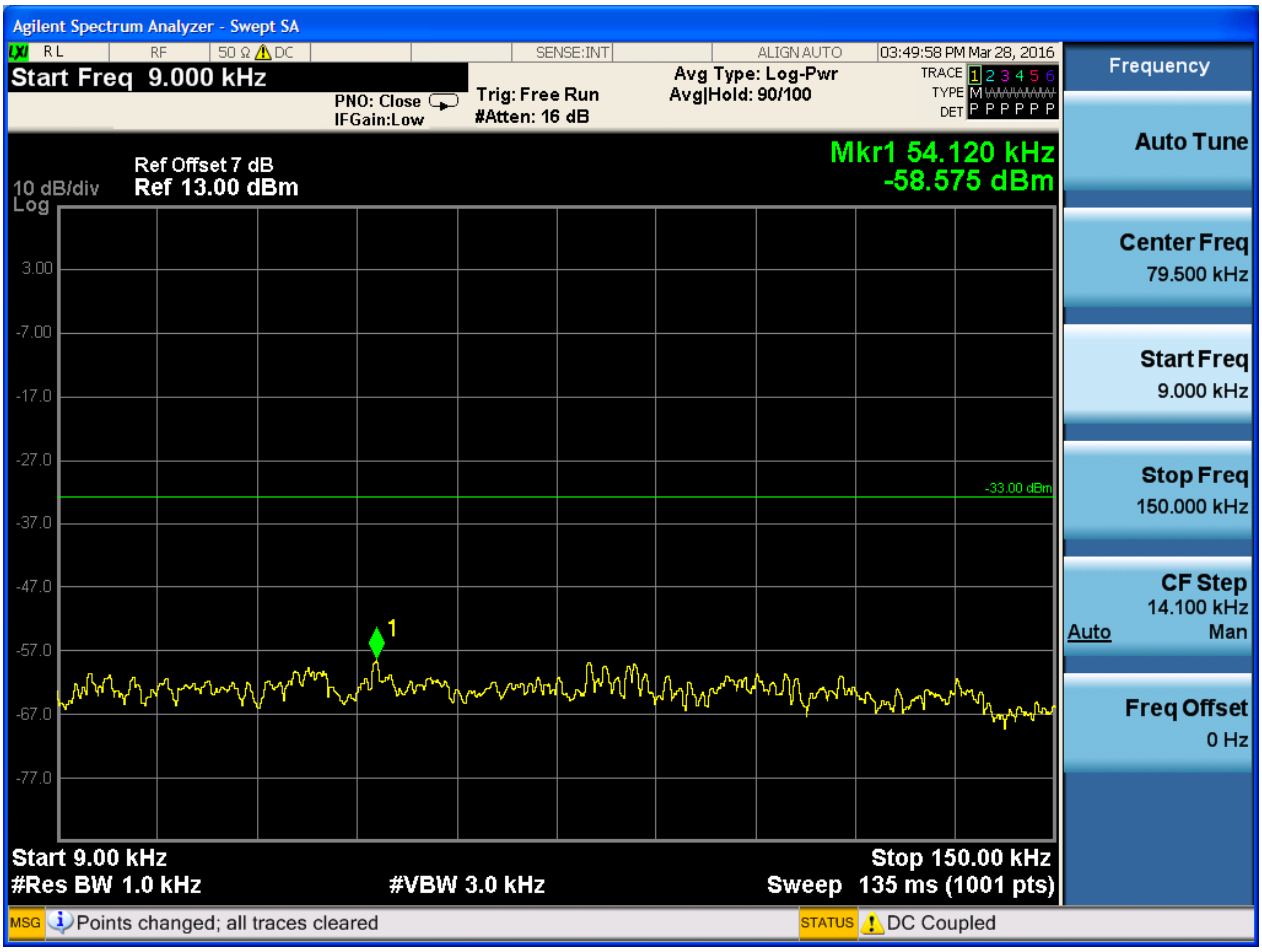
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



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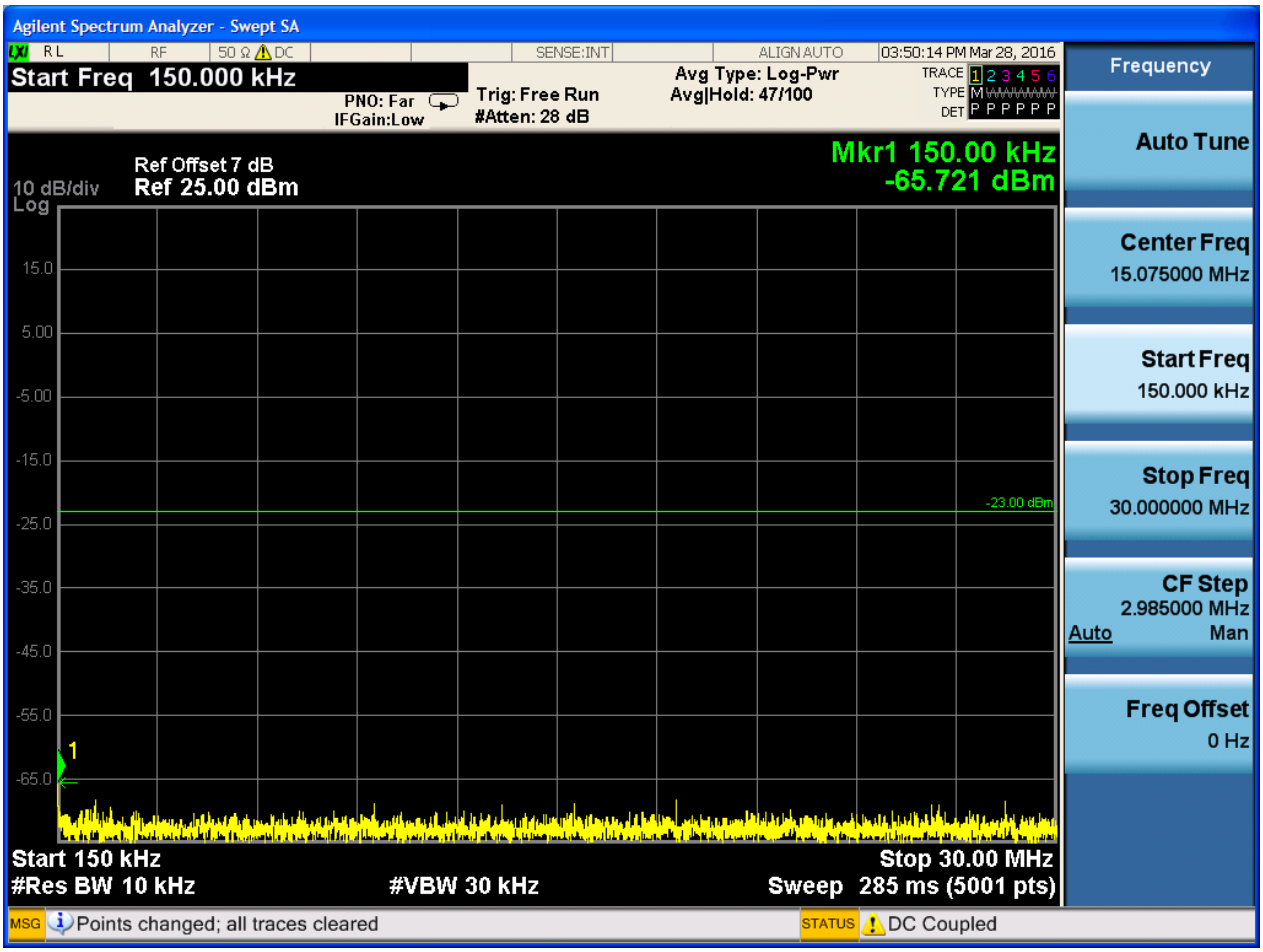

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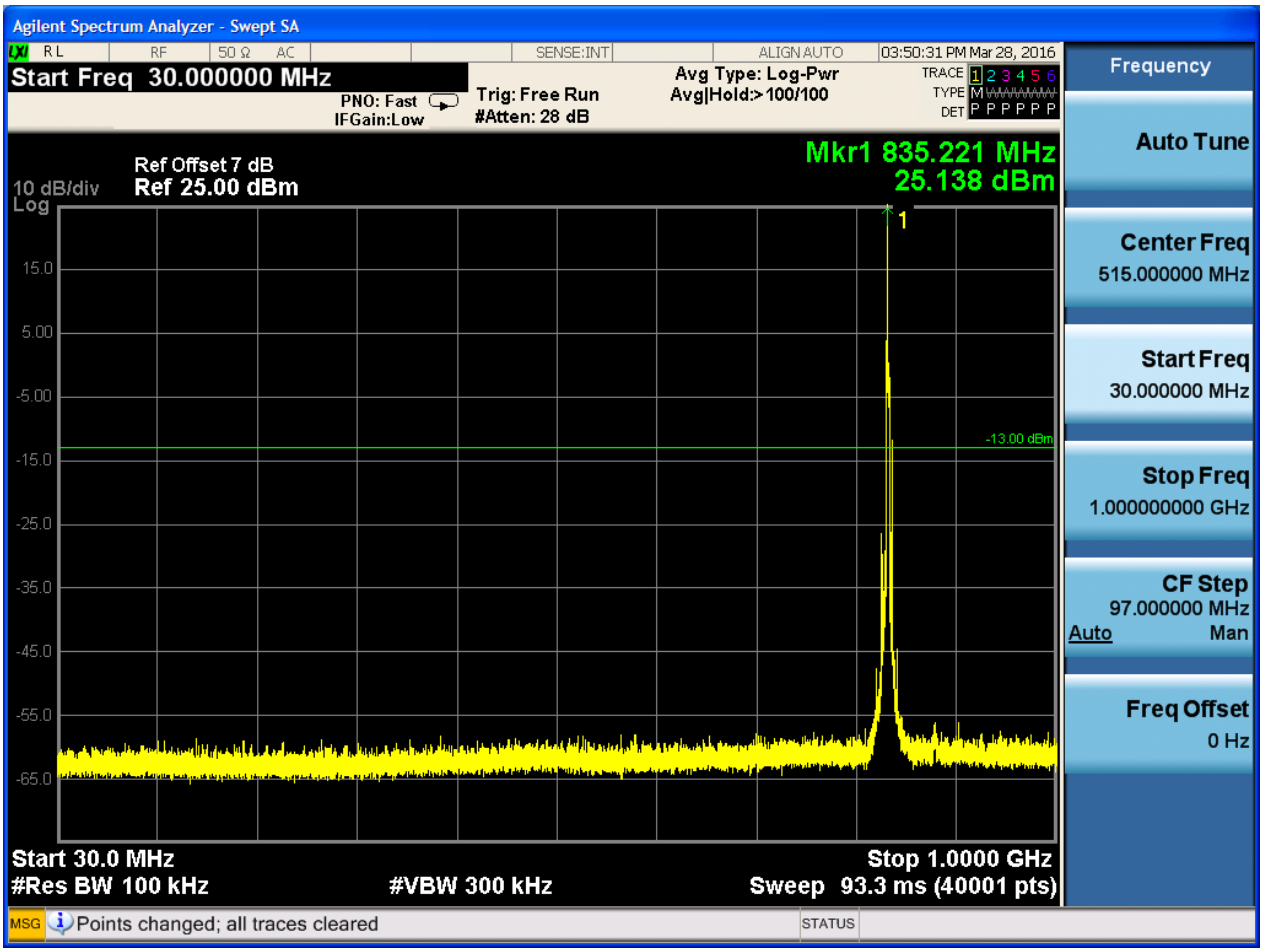

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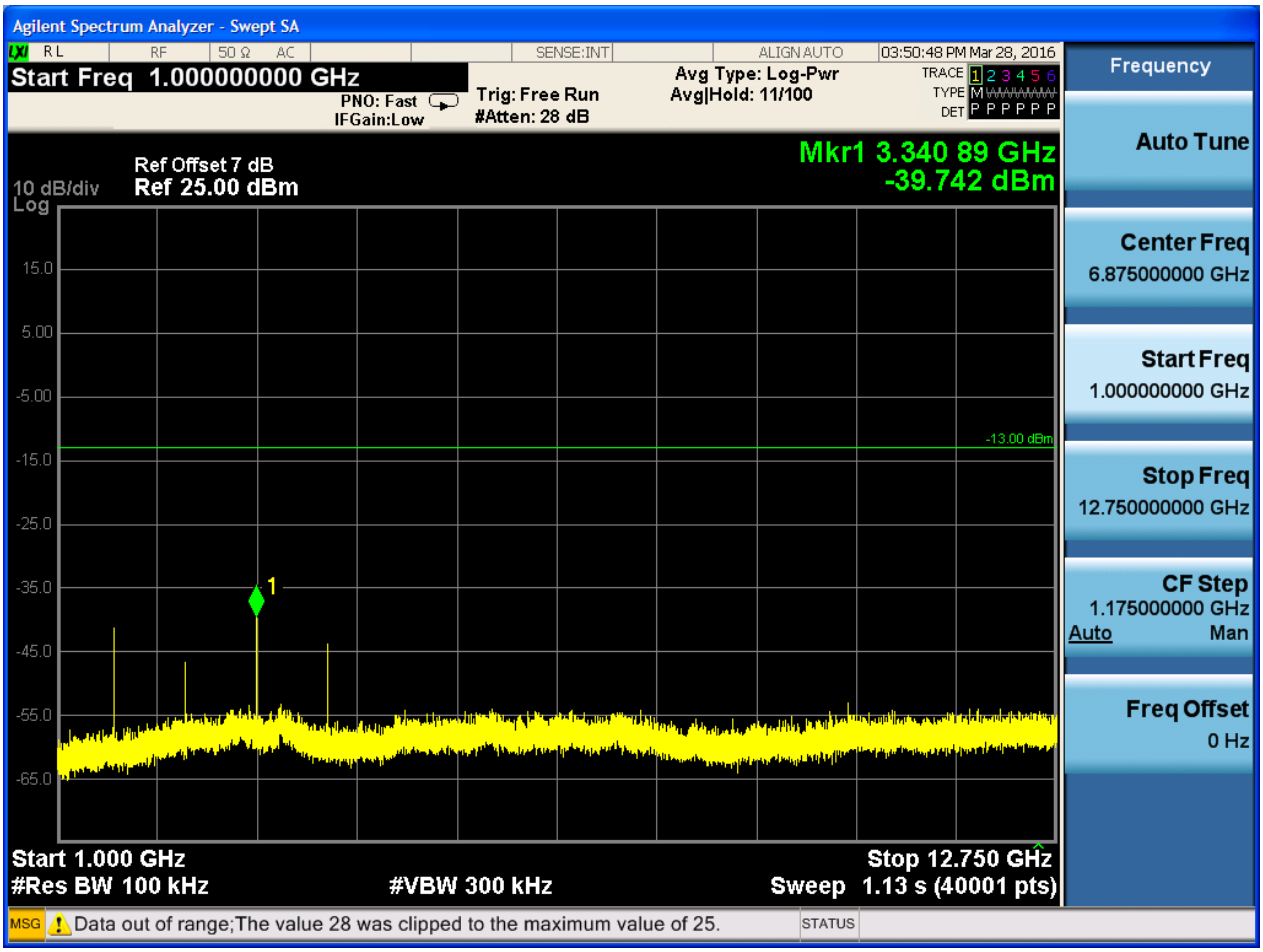
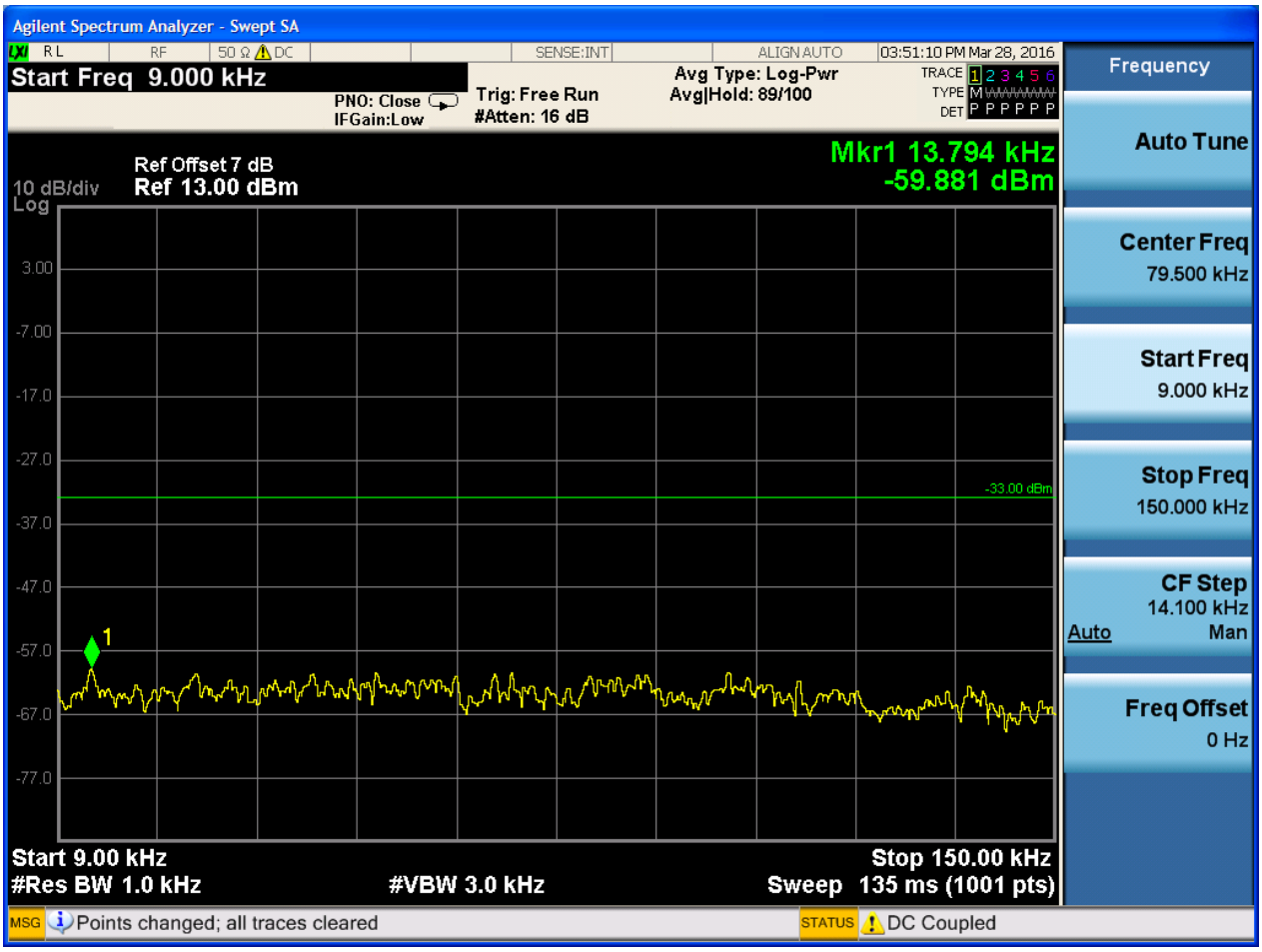

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:50:48 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.340 89 GHz
-39.742 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



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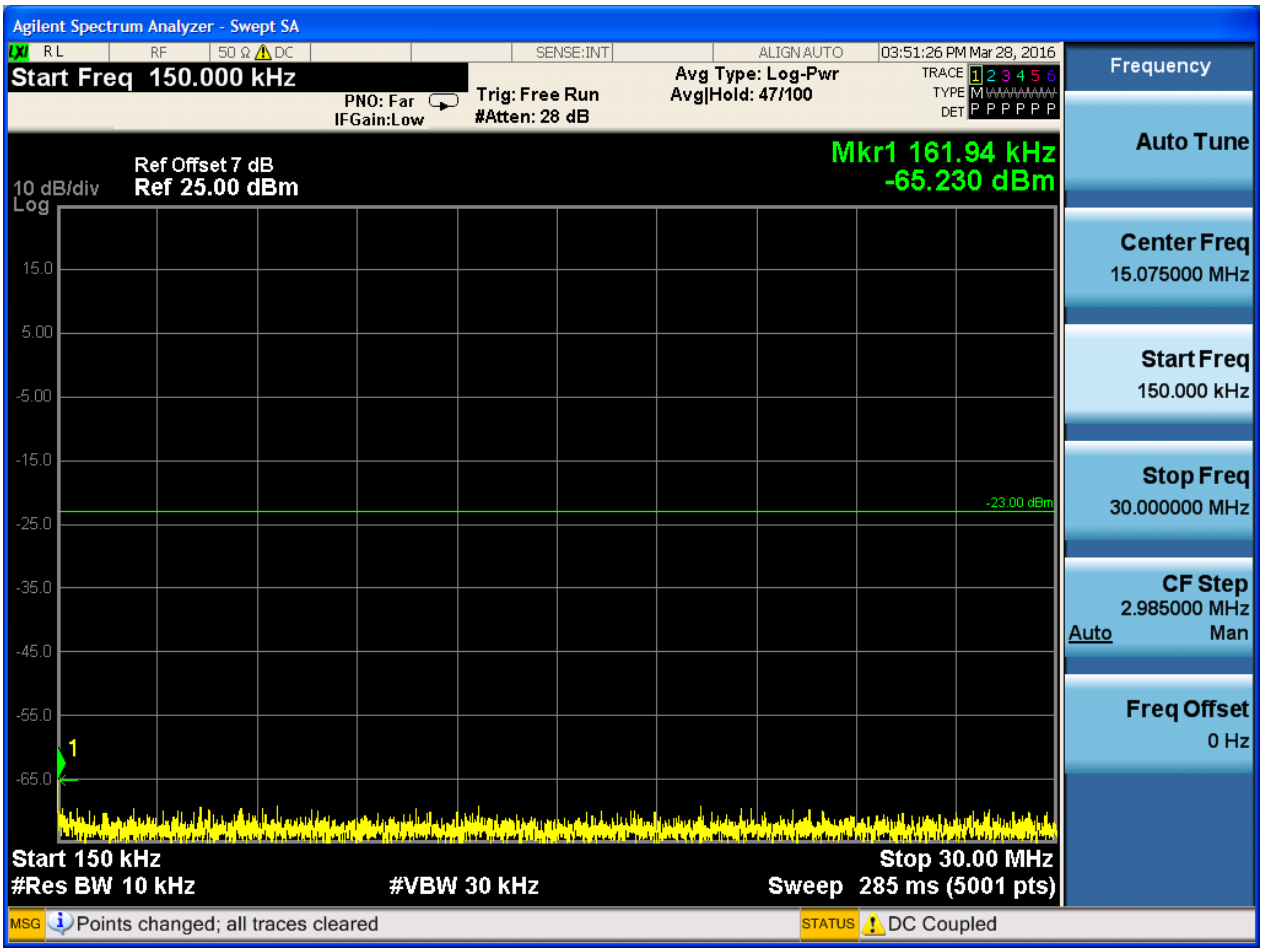

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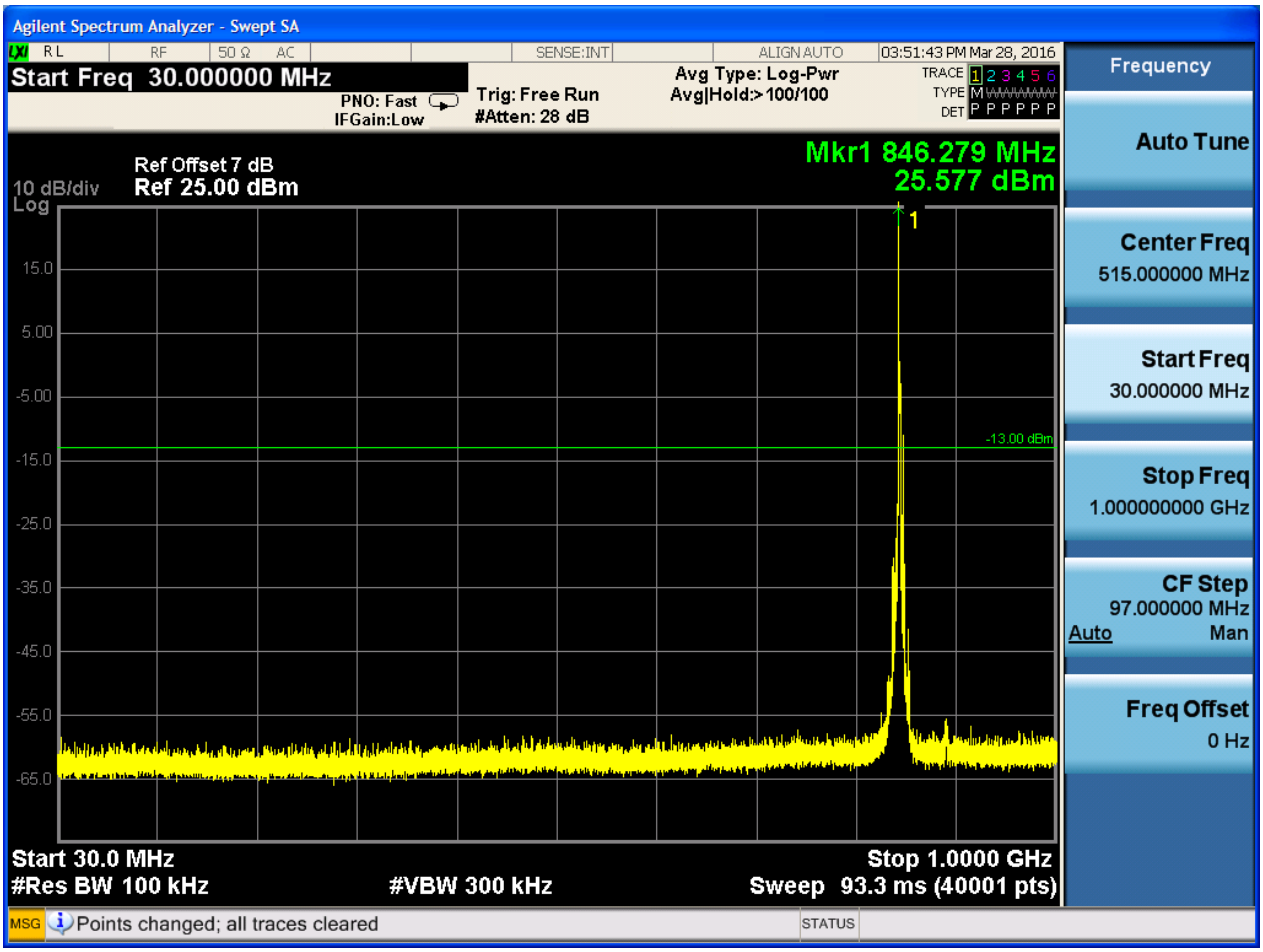
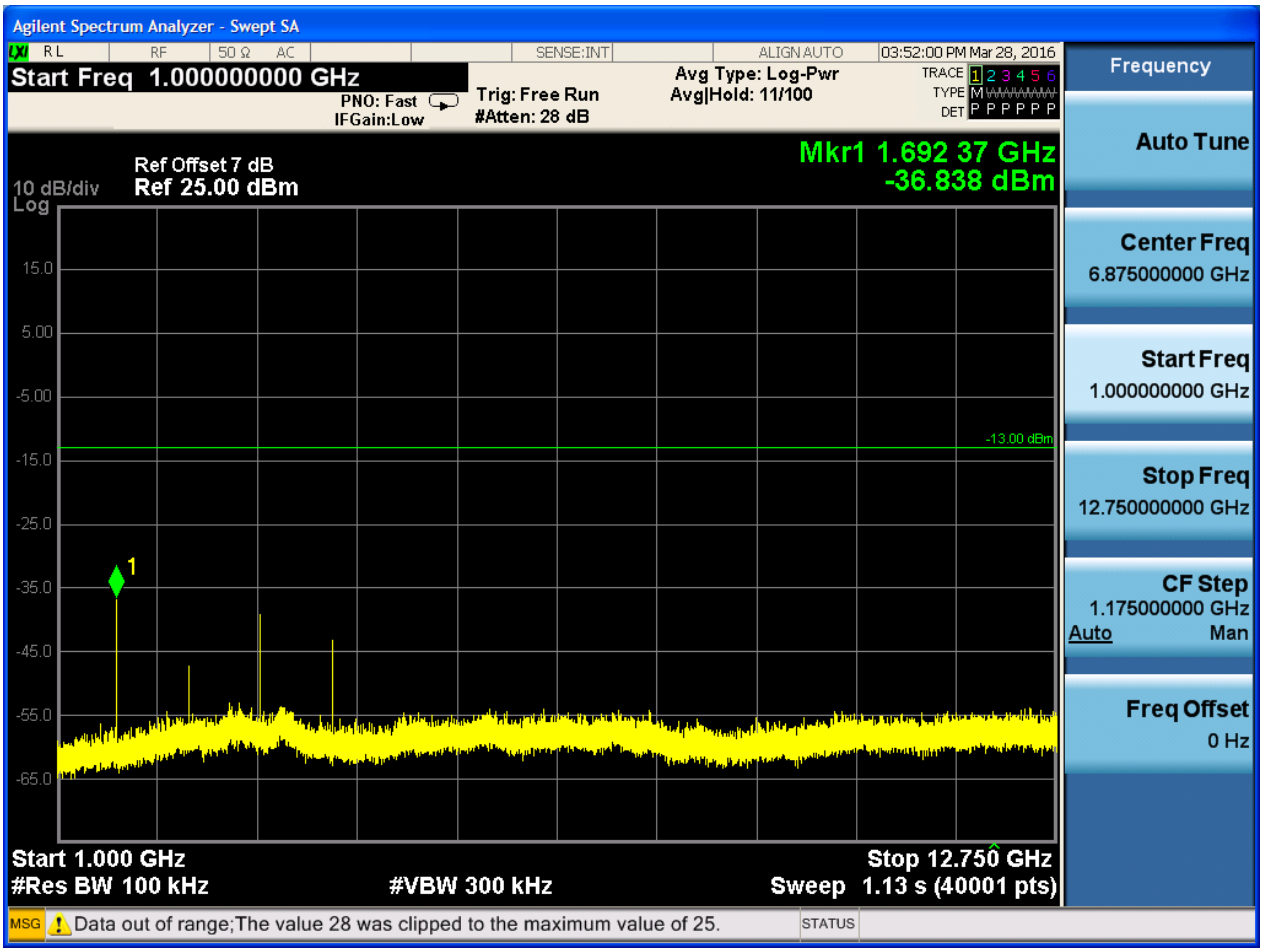
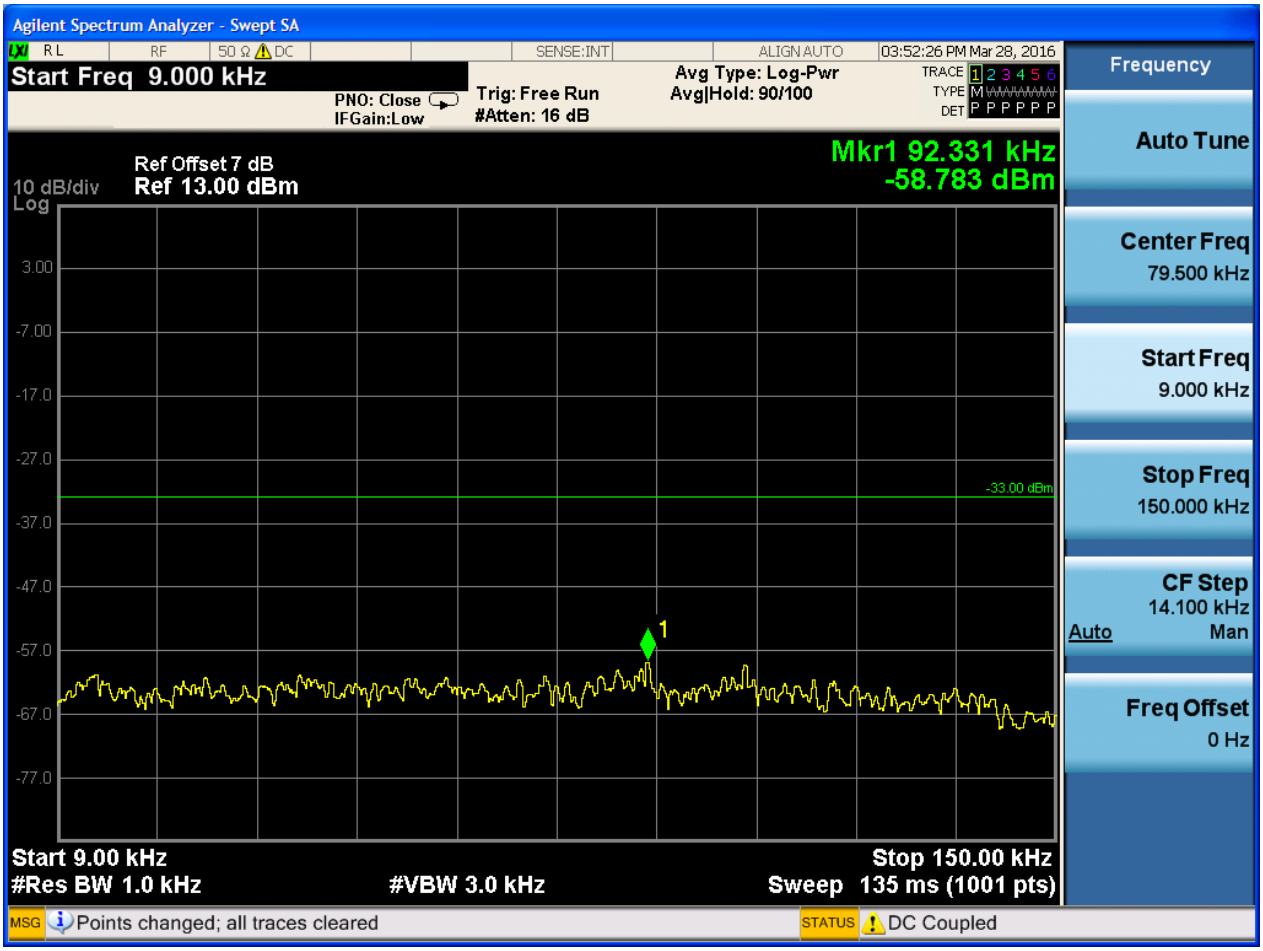

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:51:43 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 846.279 MHz
25.577 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:52:00 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.692 37 GHz
-36.838 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



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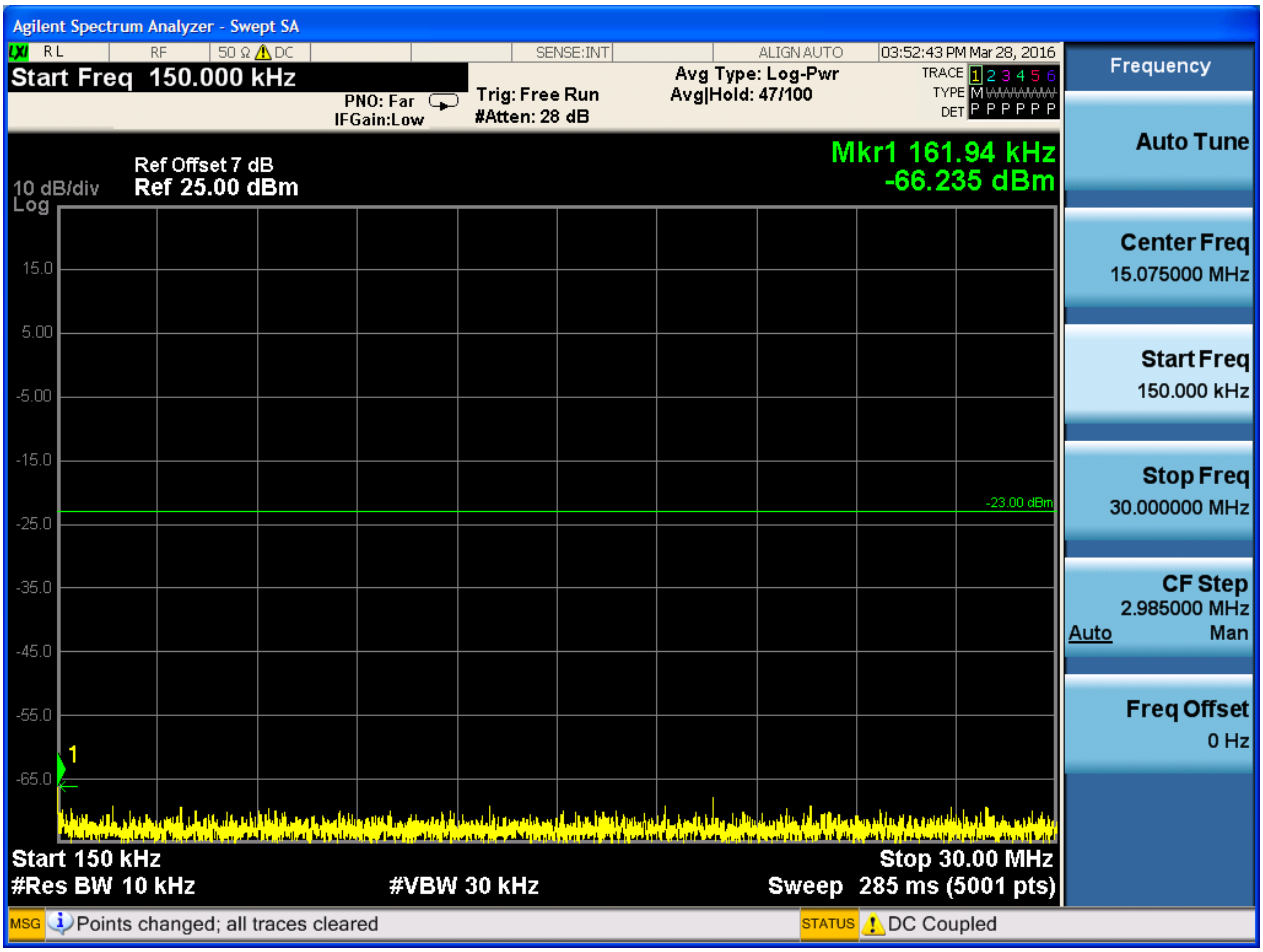

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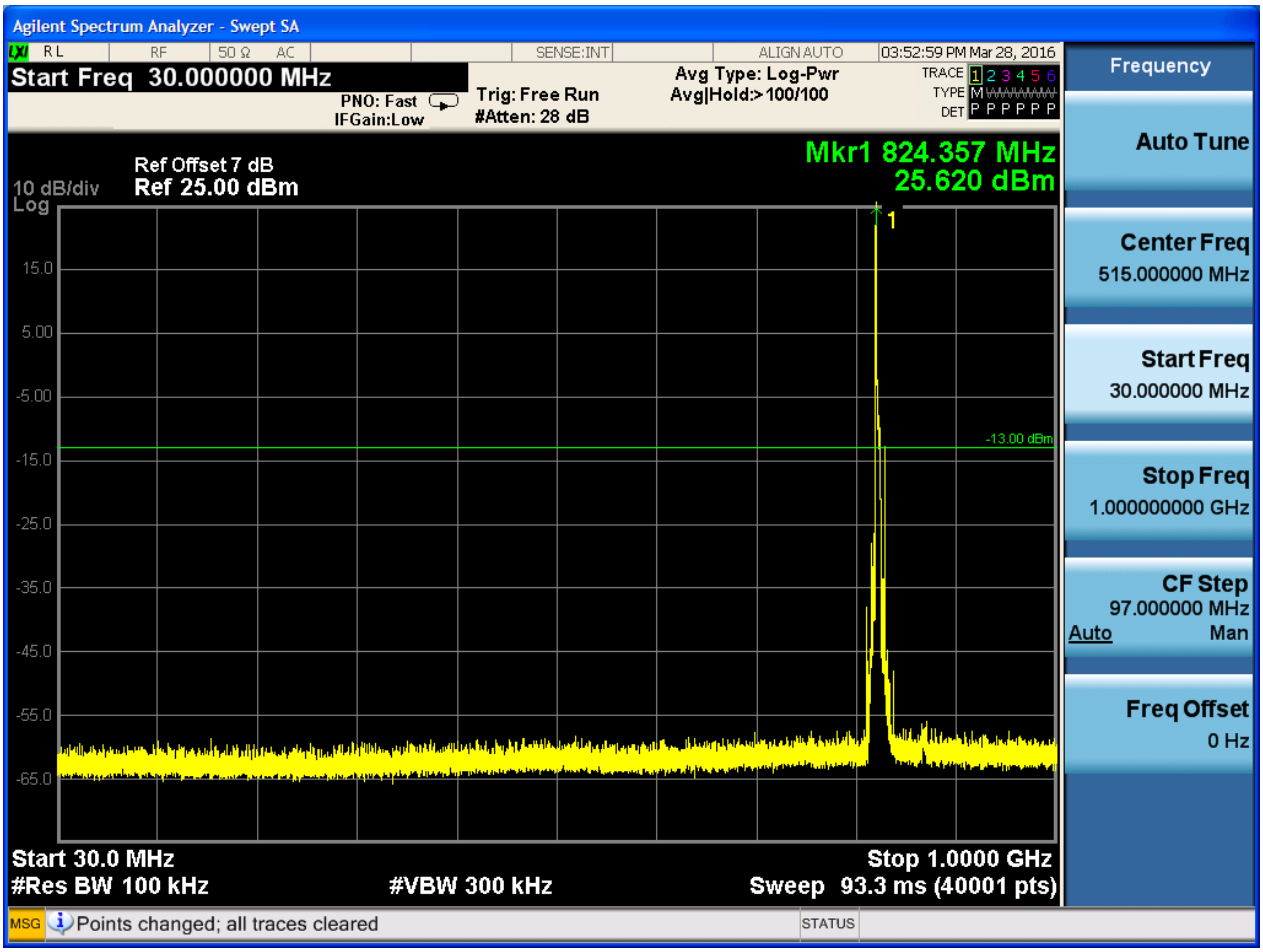

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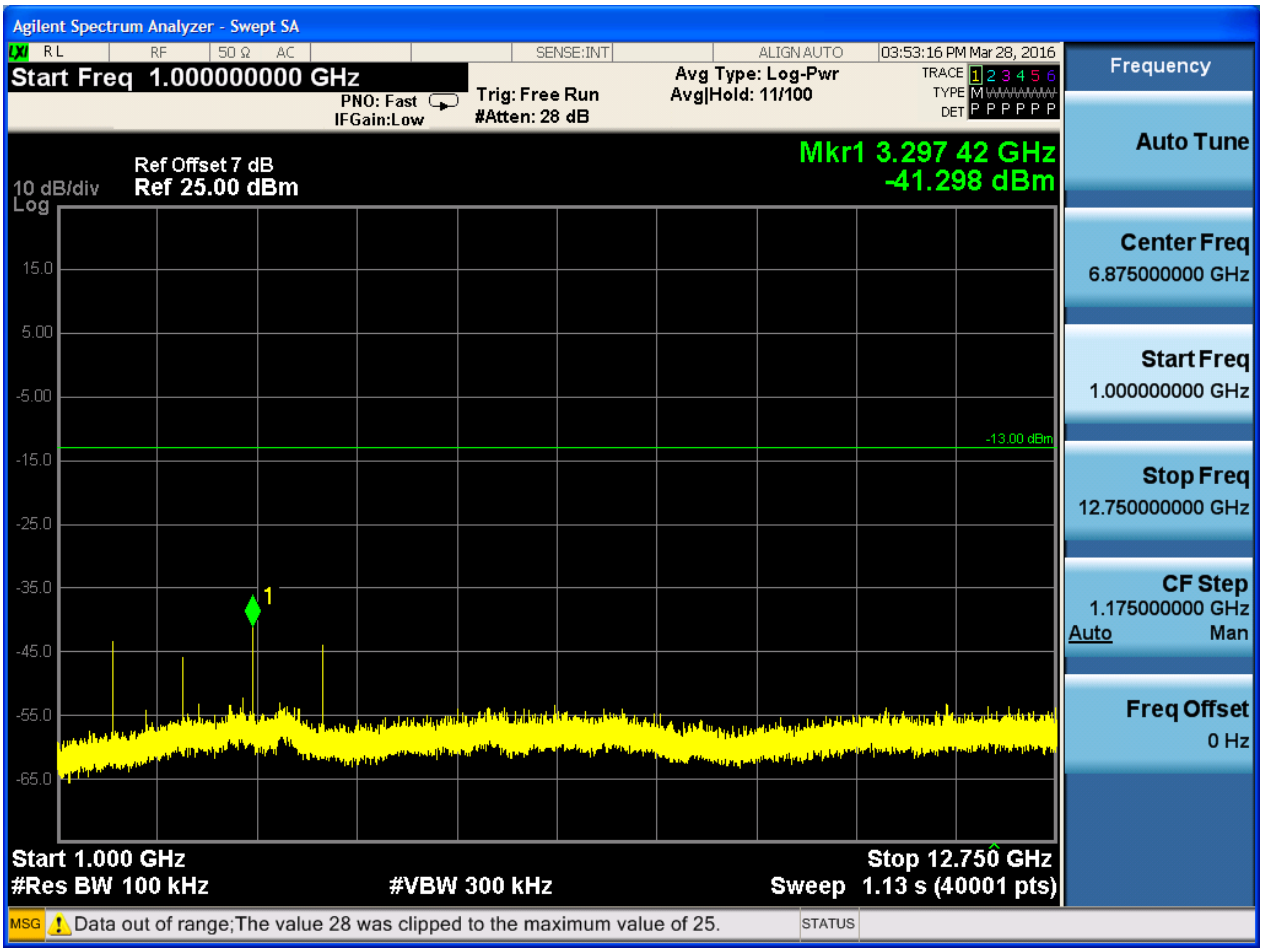
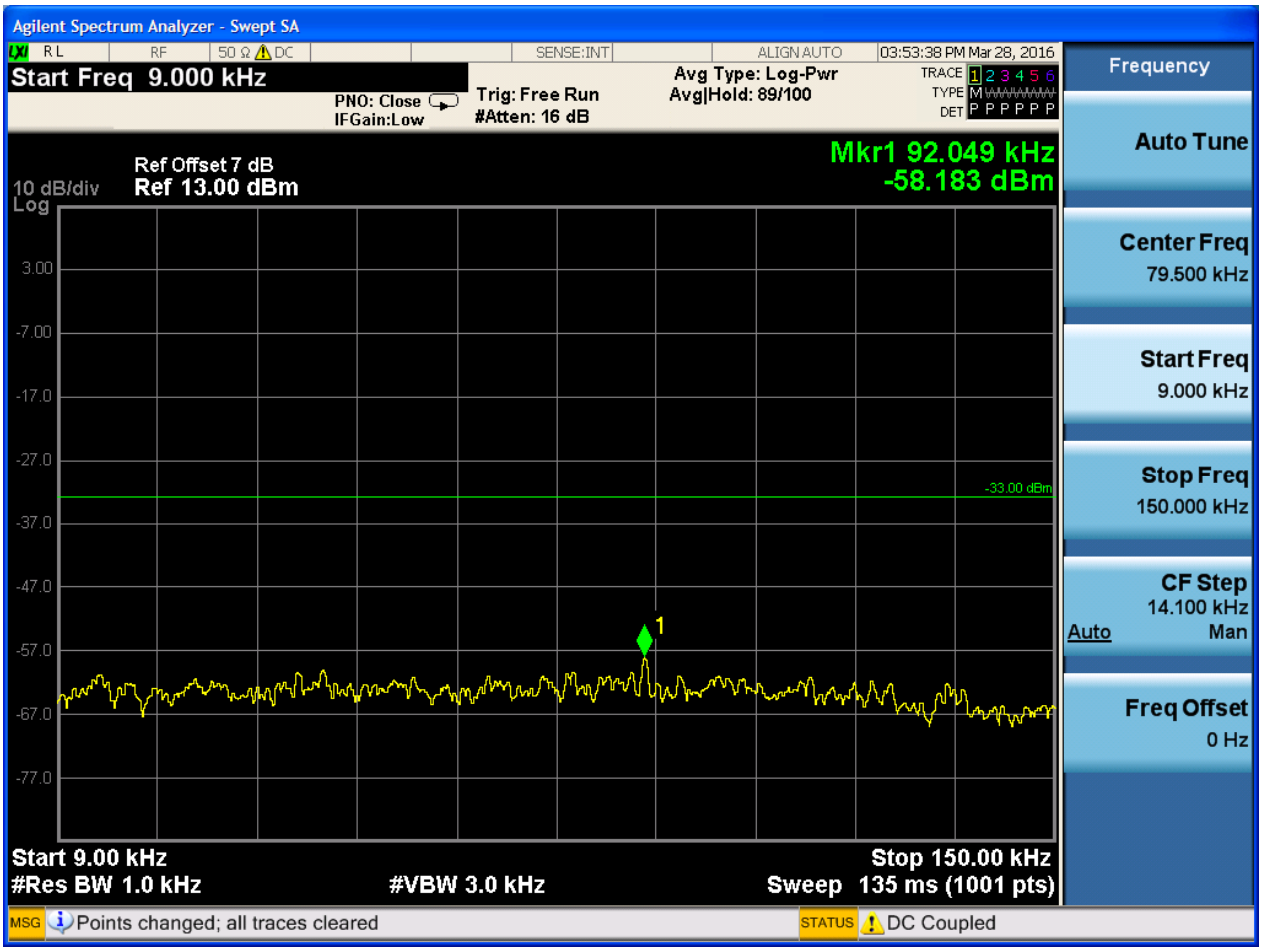

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:53:16 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.297 42 GHz
-41.298 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



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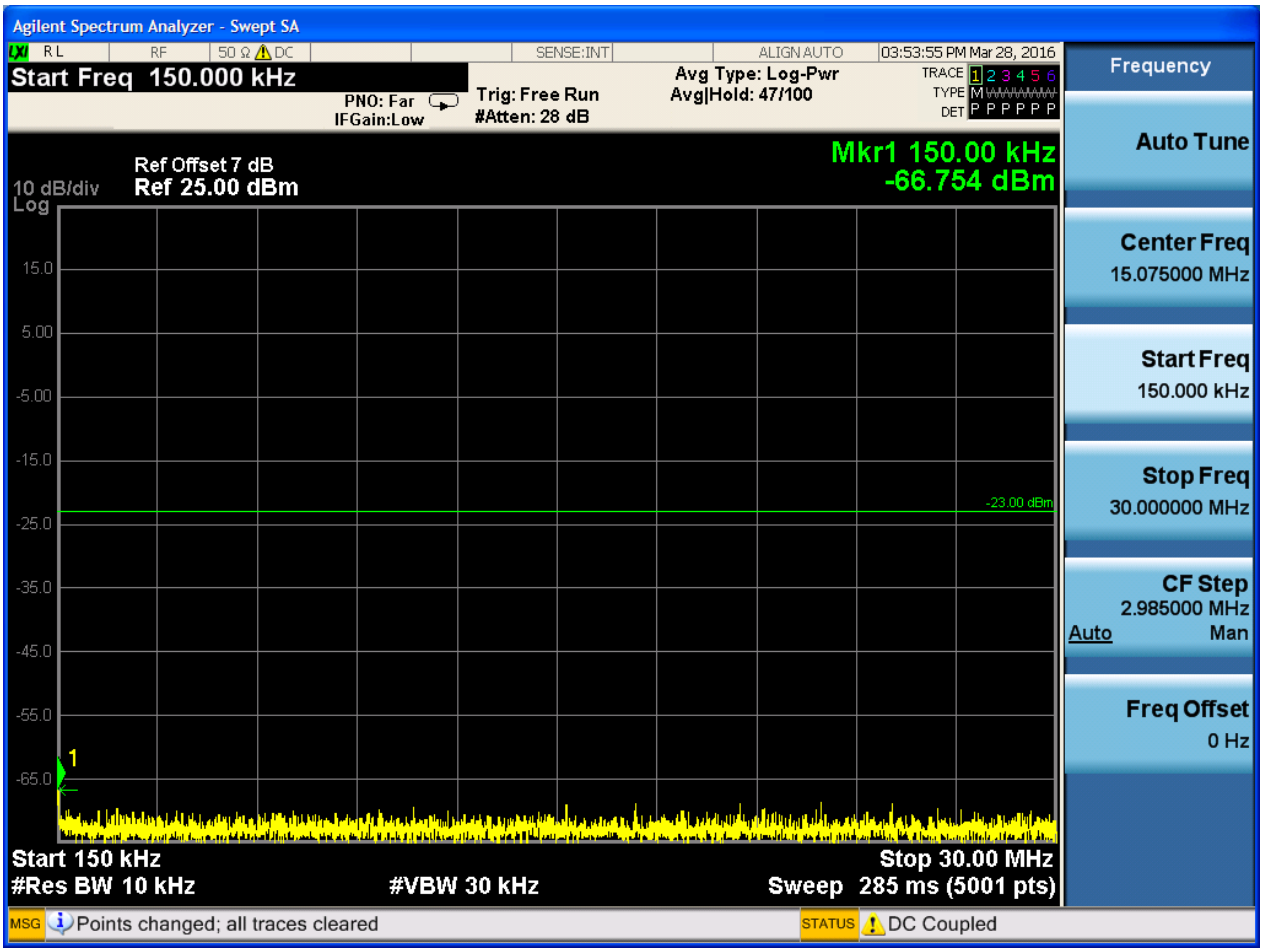

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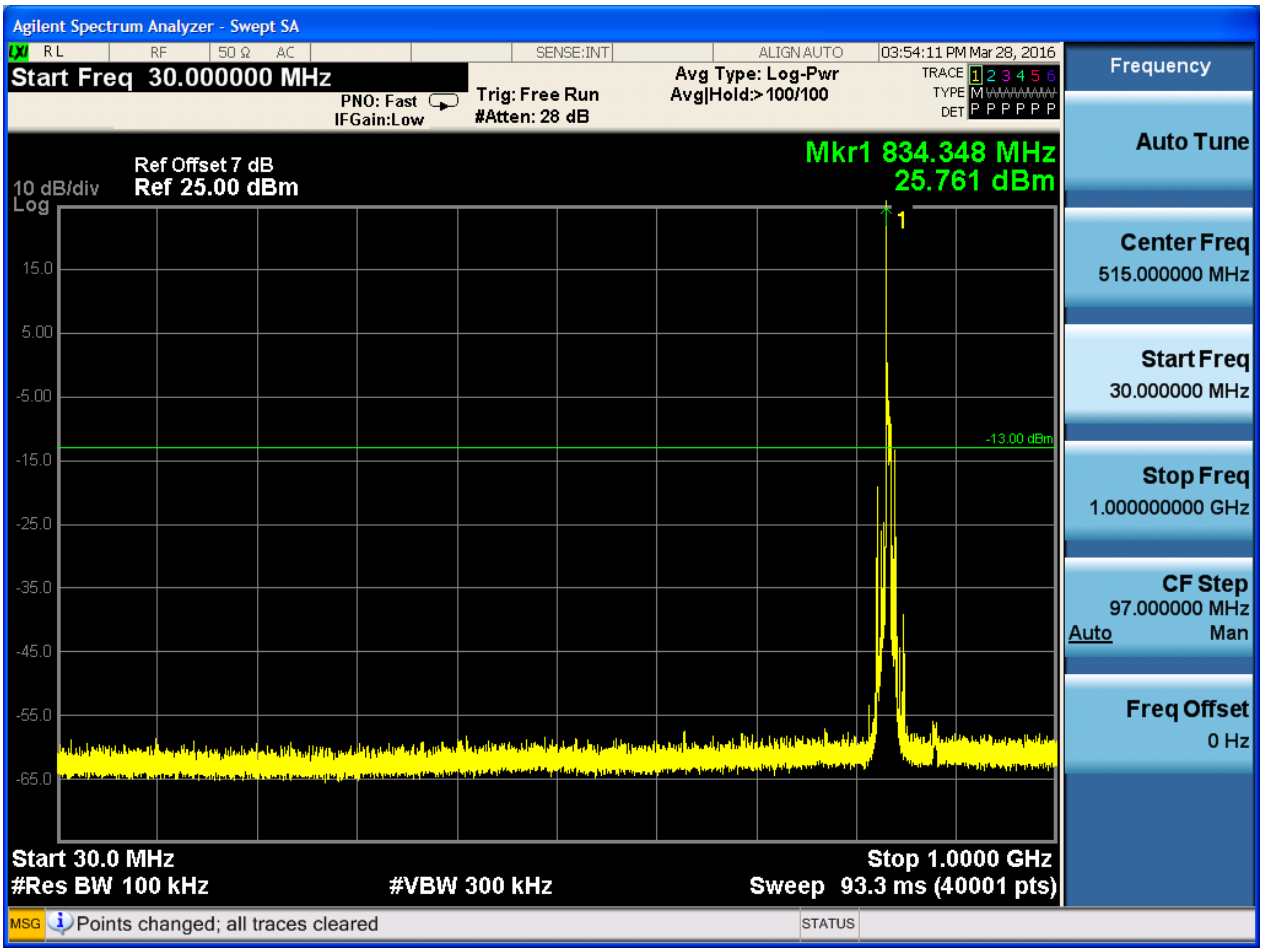
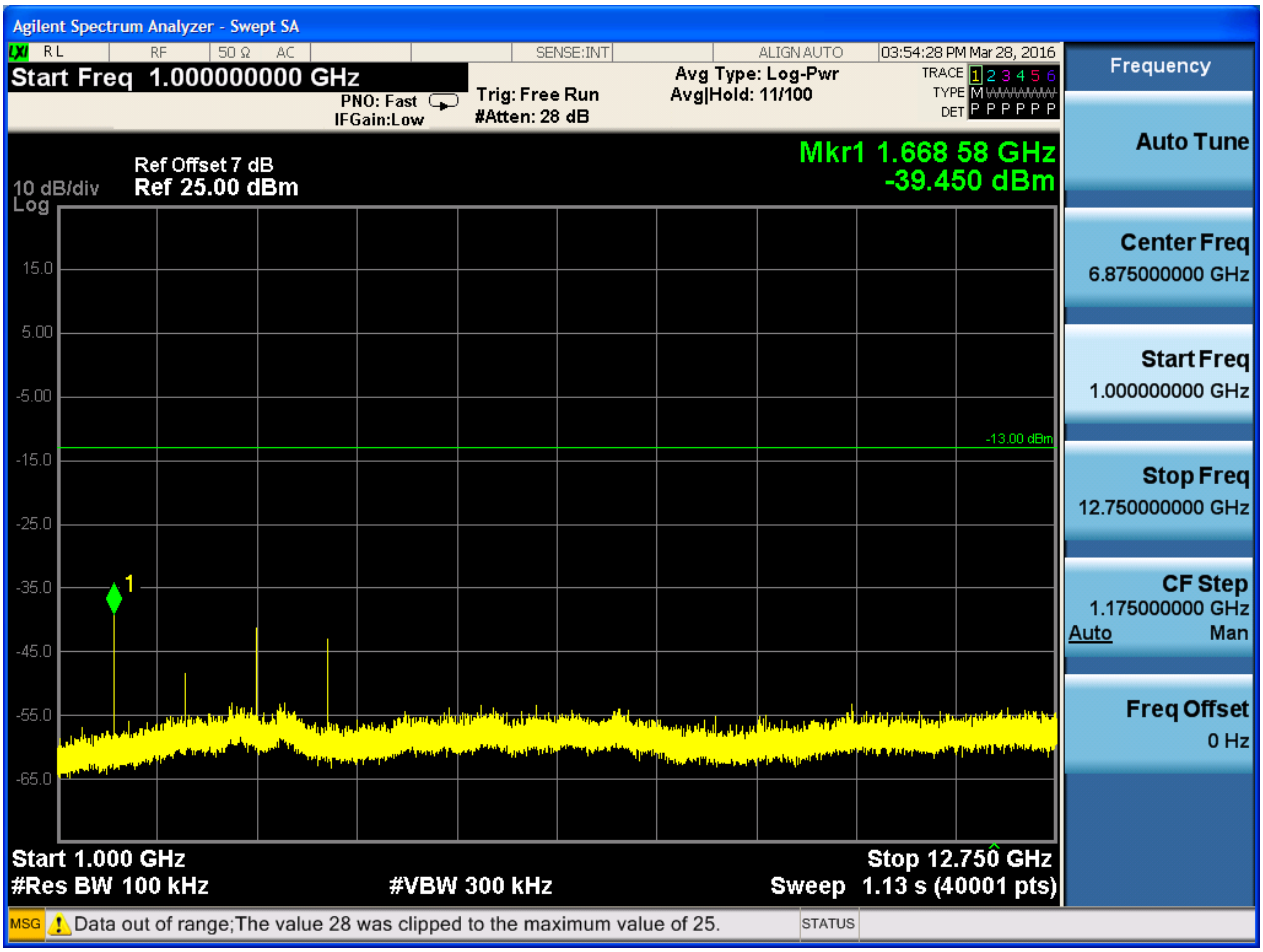
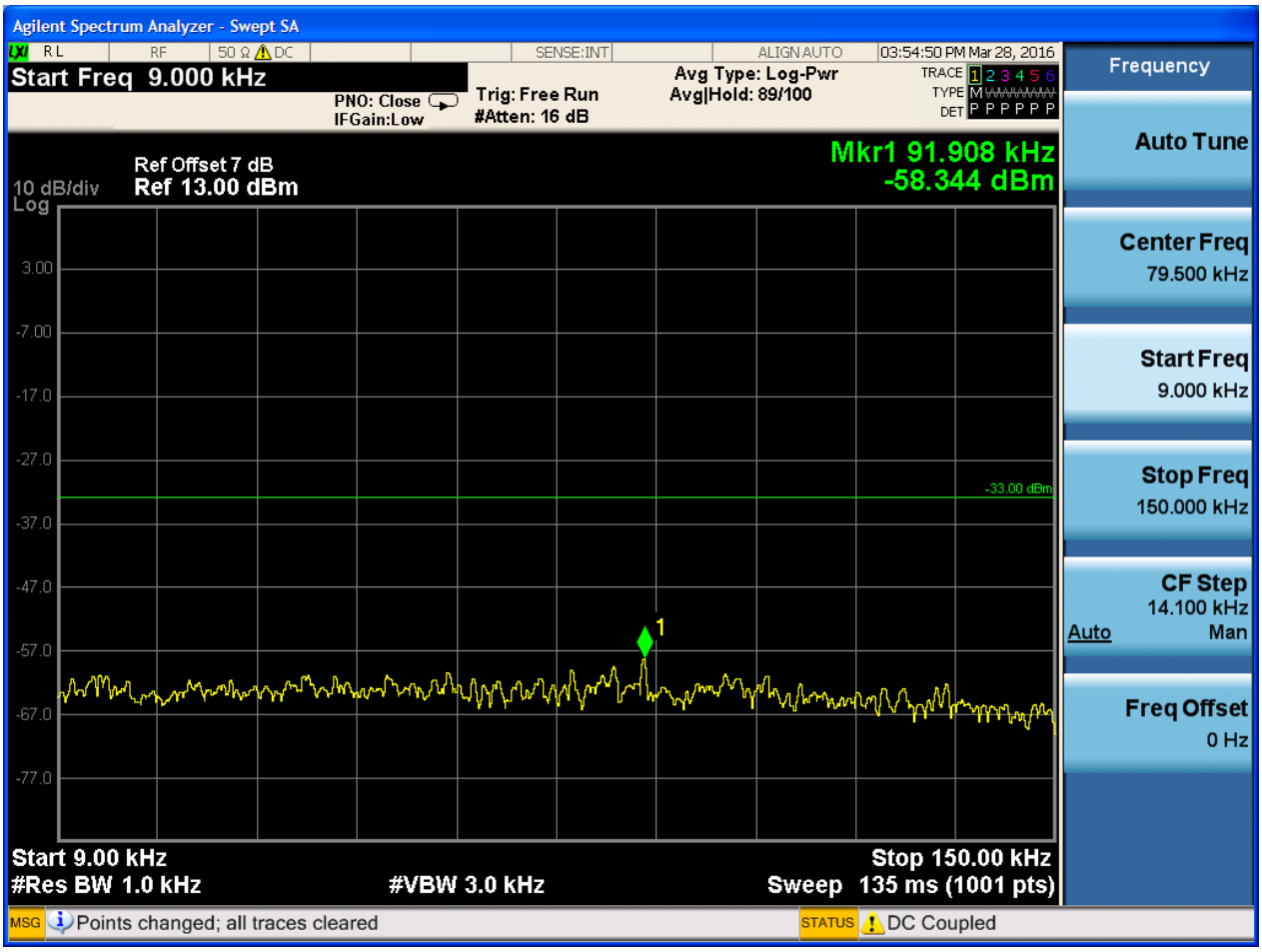

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:54:11 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 834.348 MHz
25.761 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:54:28 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.668 58 GHz
-39.450 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0



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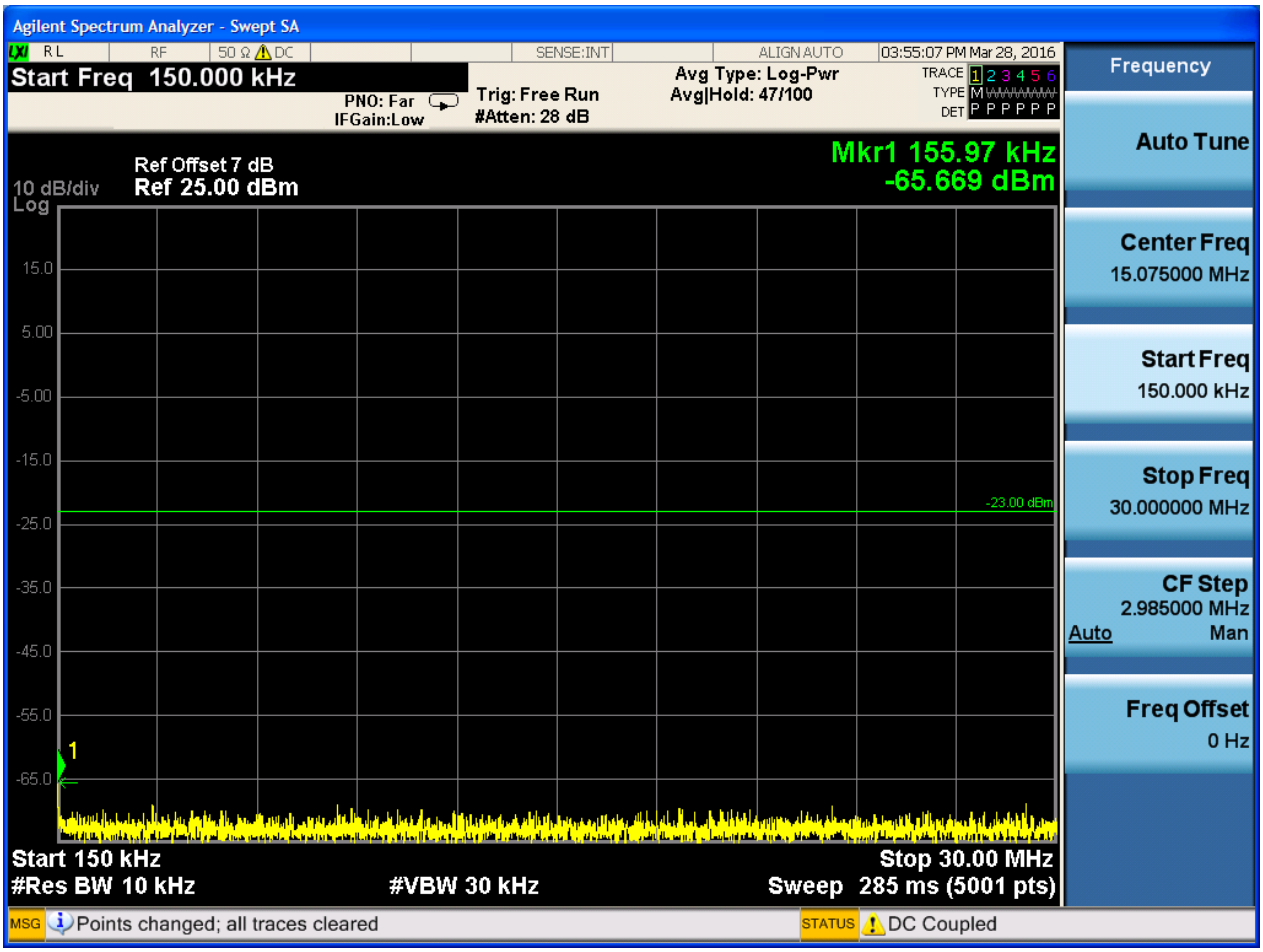

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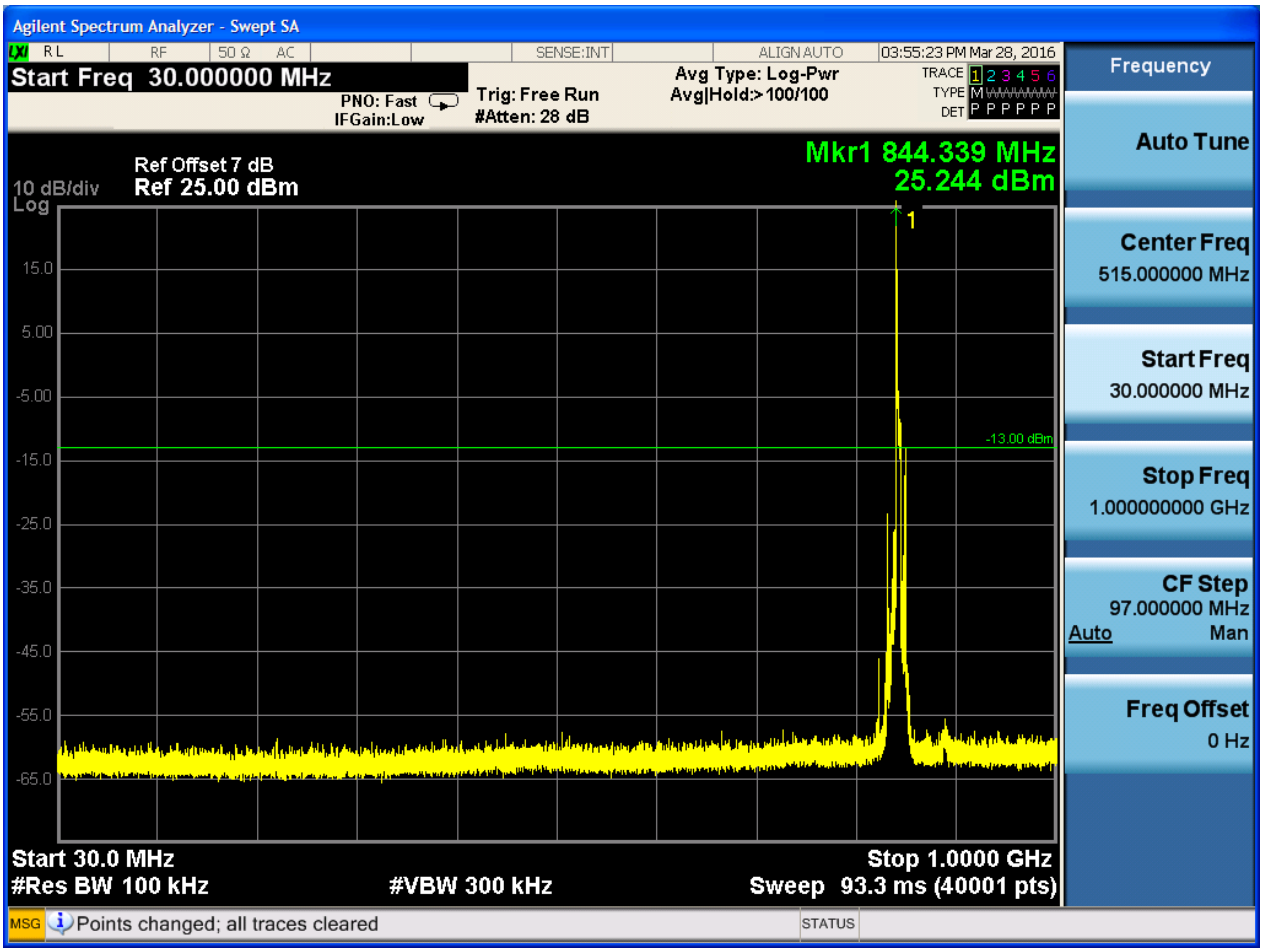
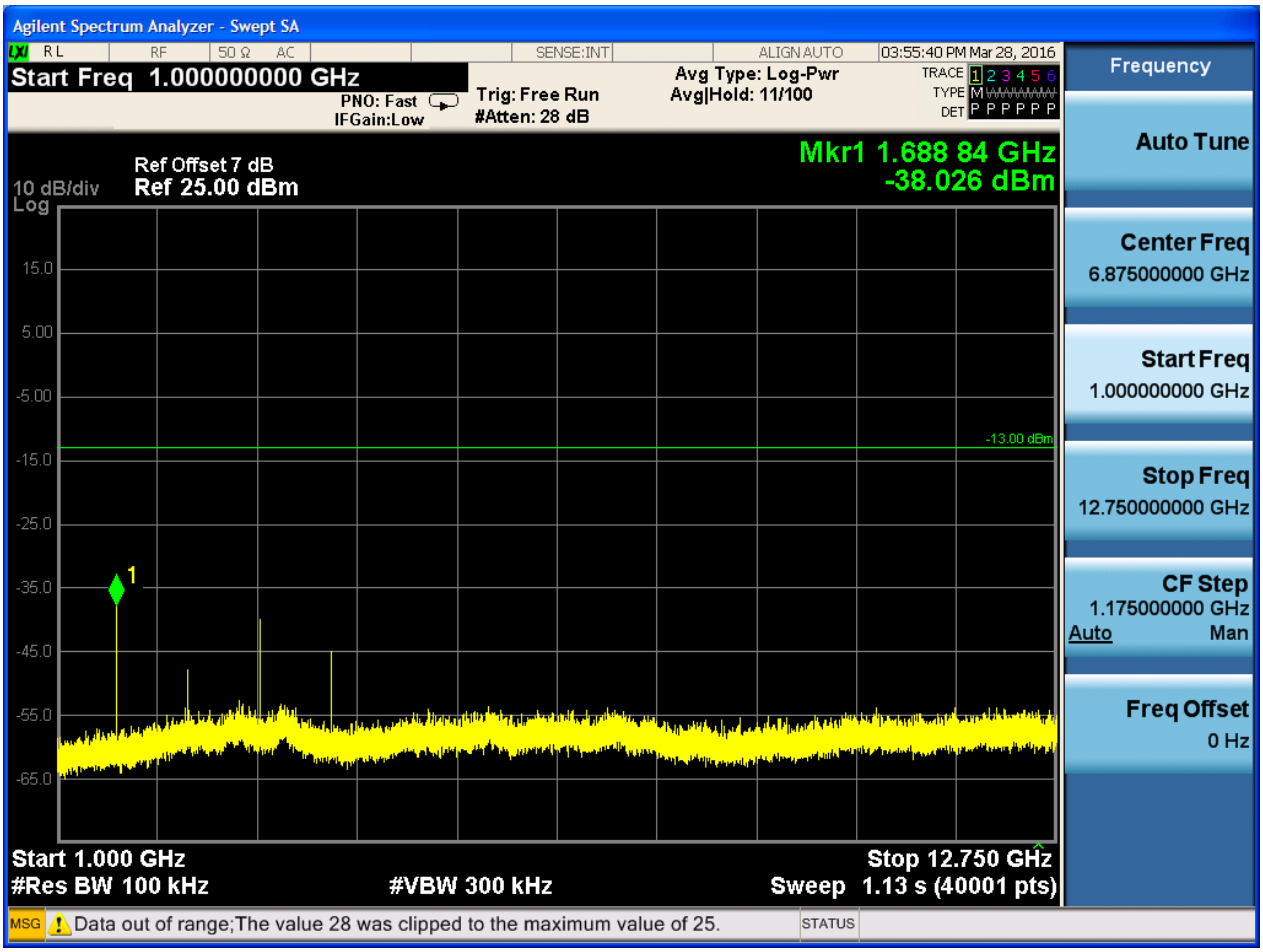
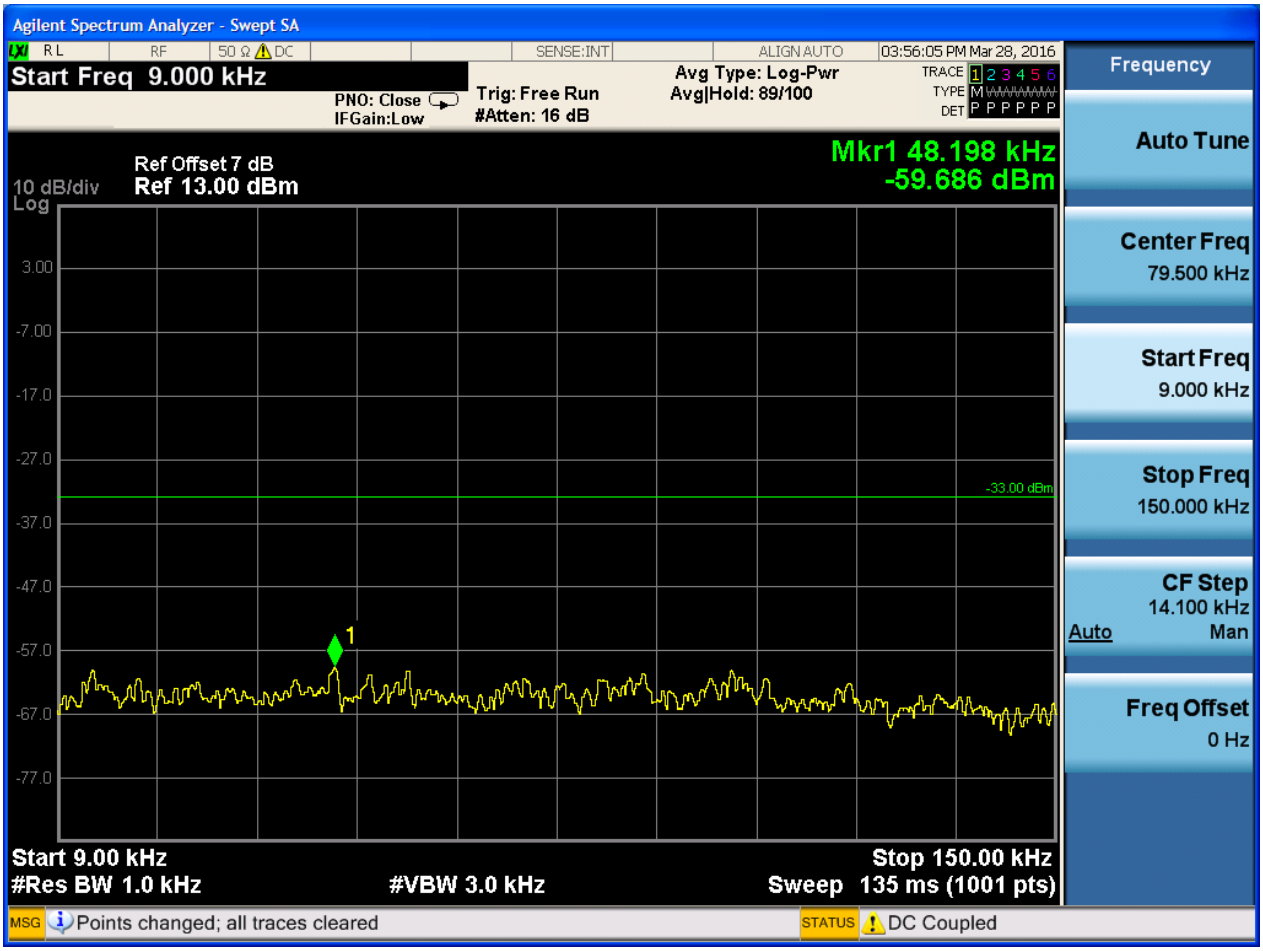

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:55:23 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 844.339 MHz
25.244 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:55:40 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.688 84 GHz
-38.026 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



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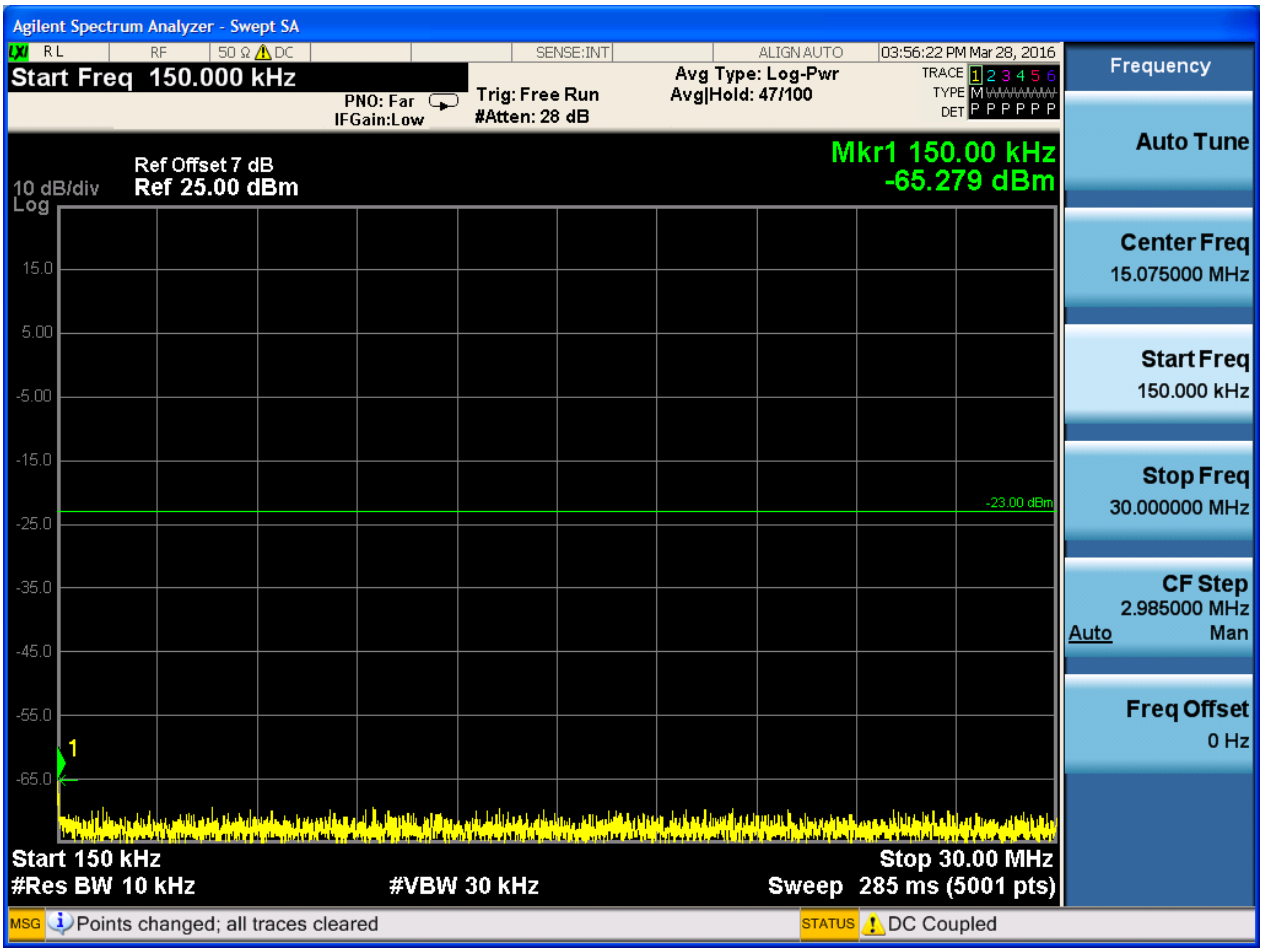

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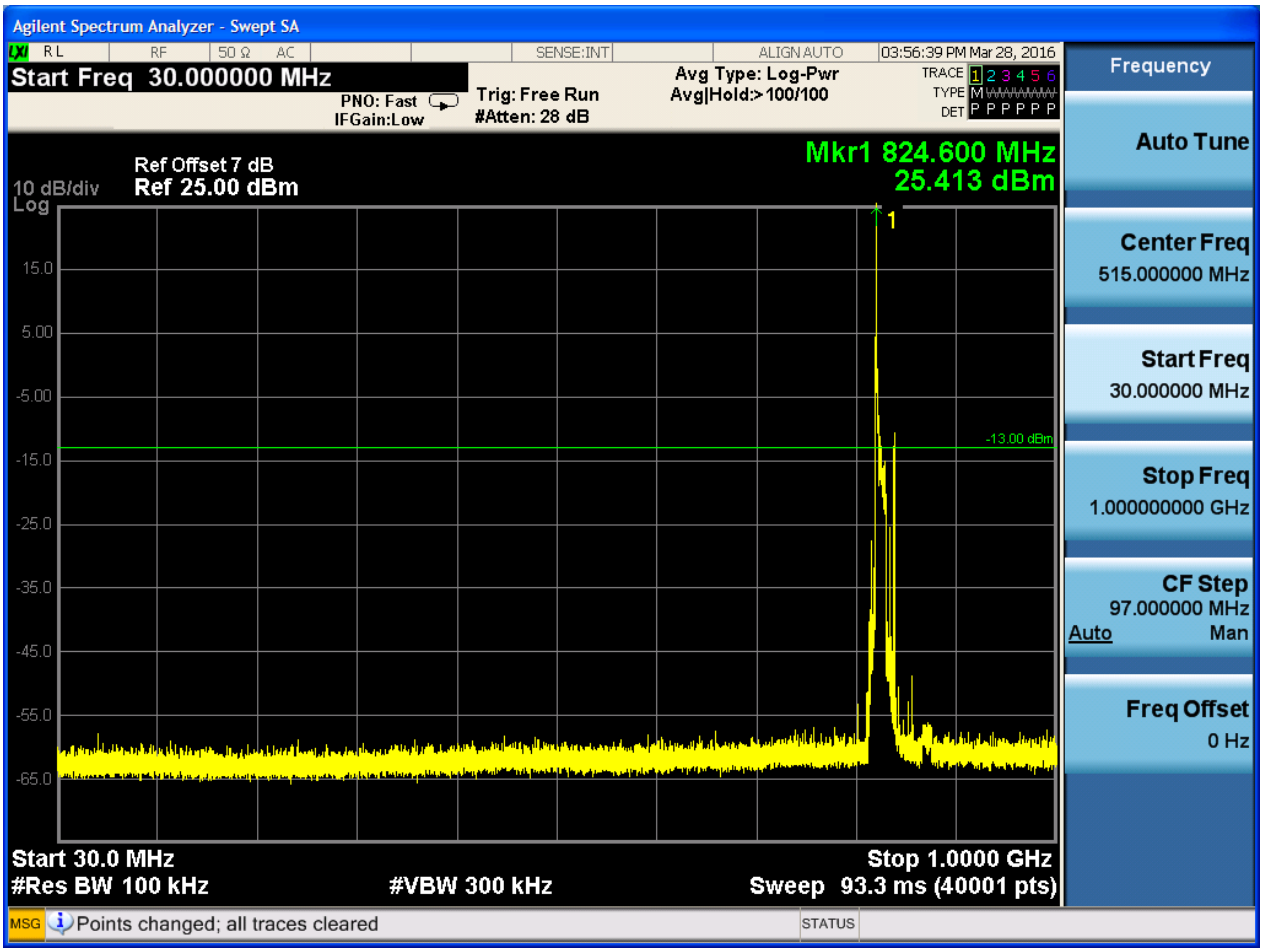

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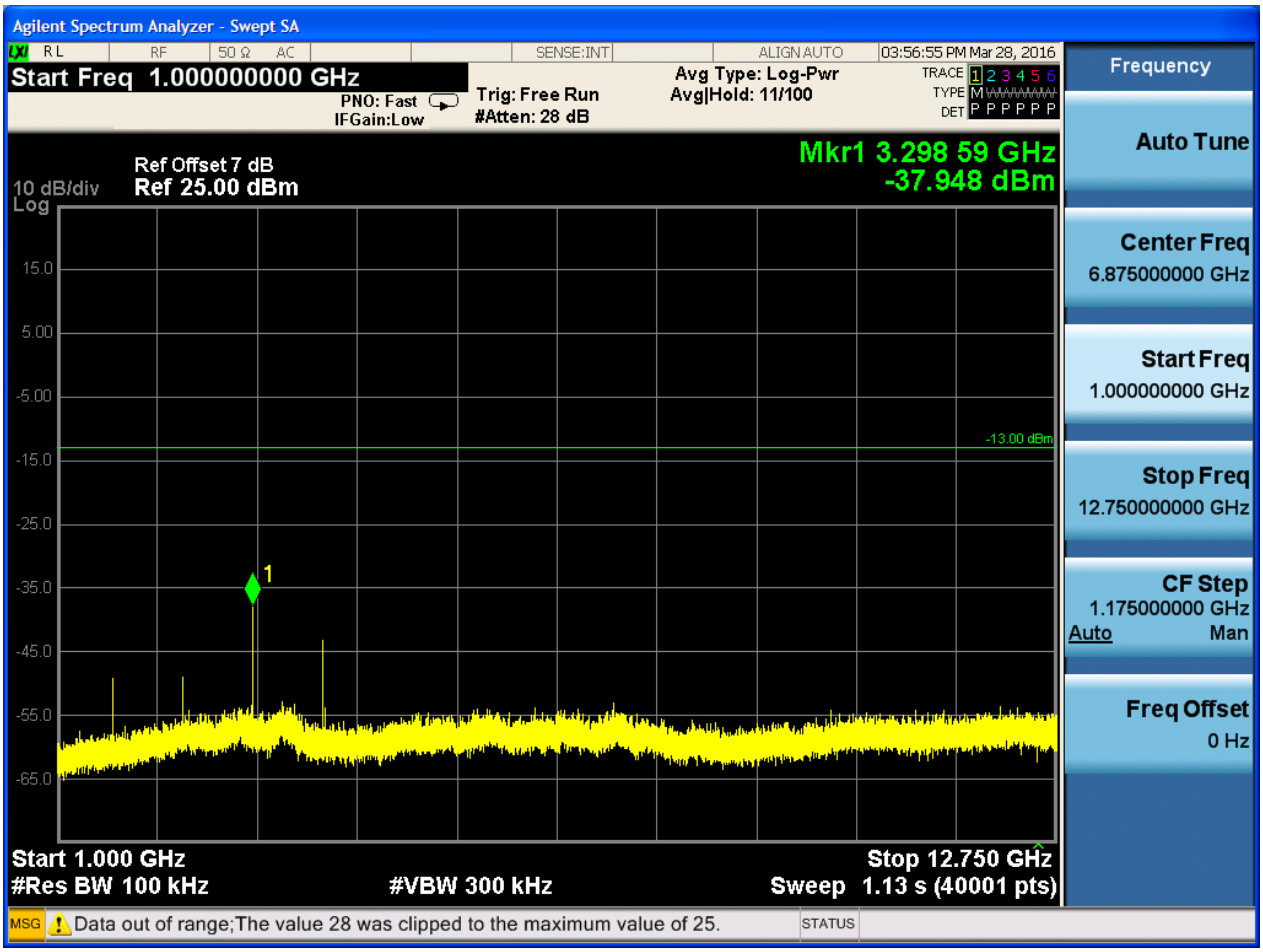

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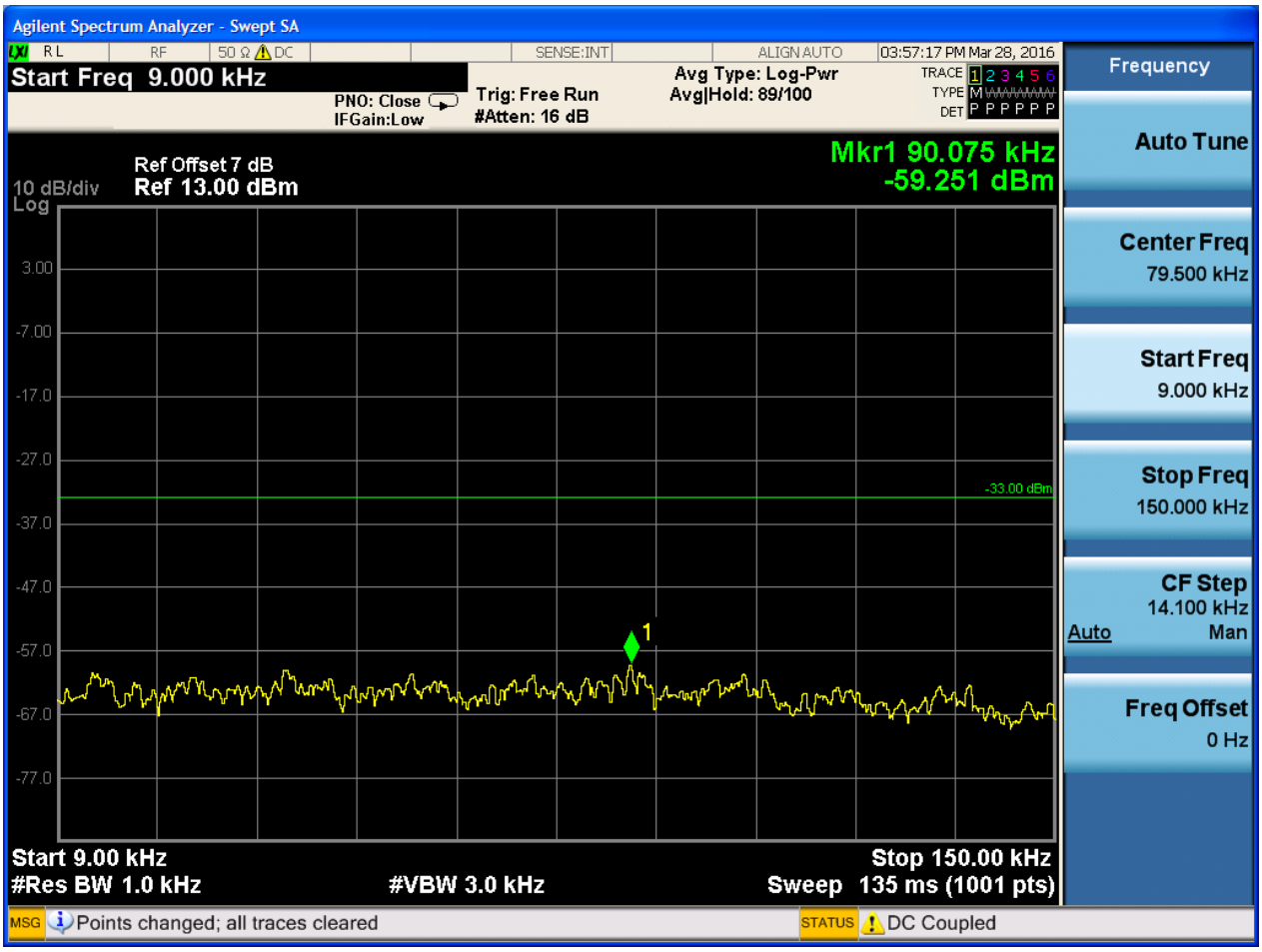
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



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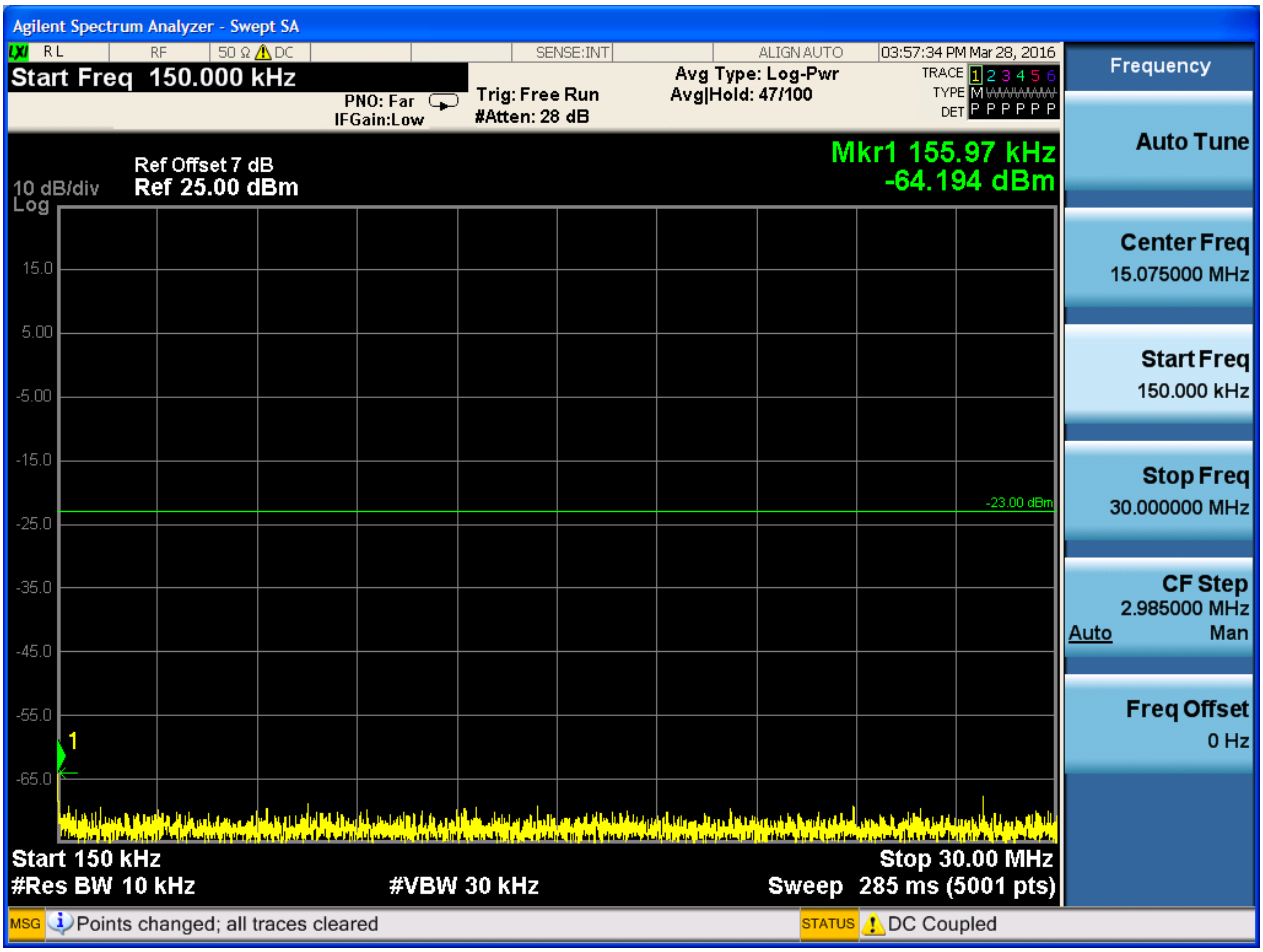

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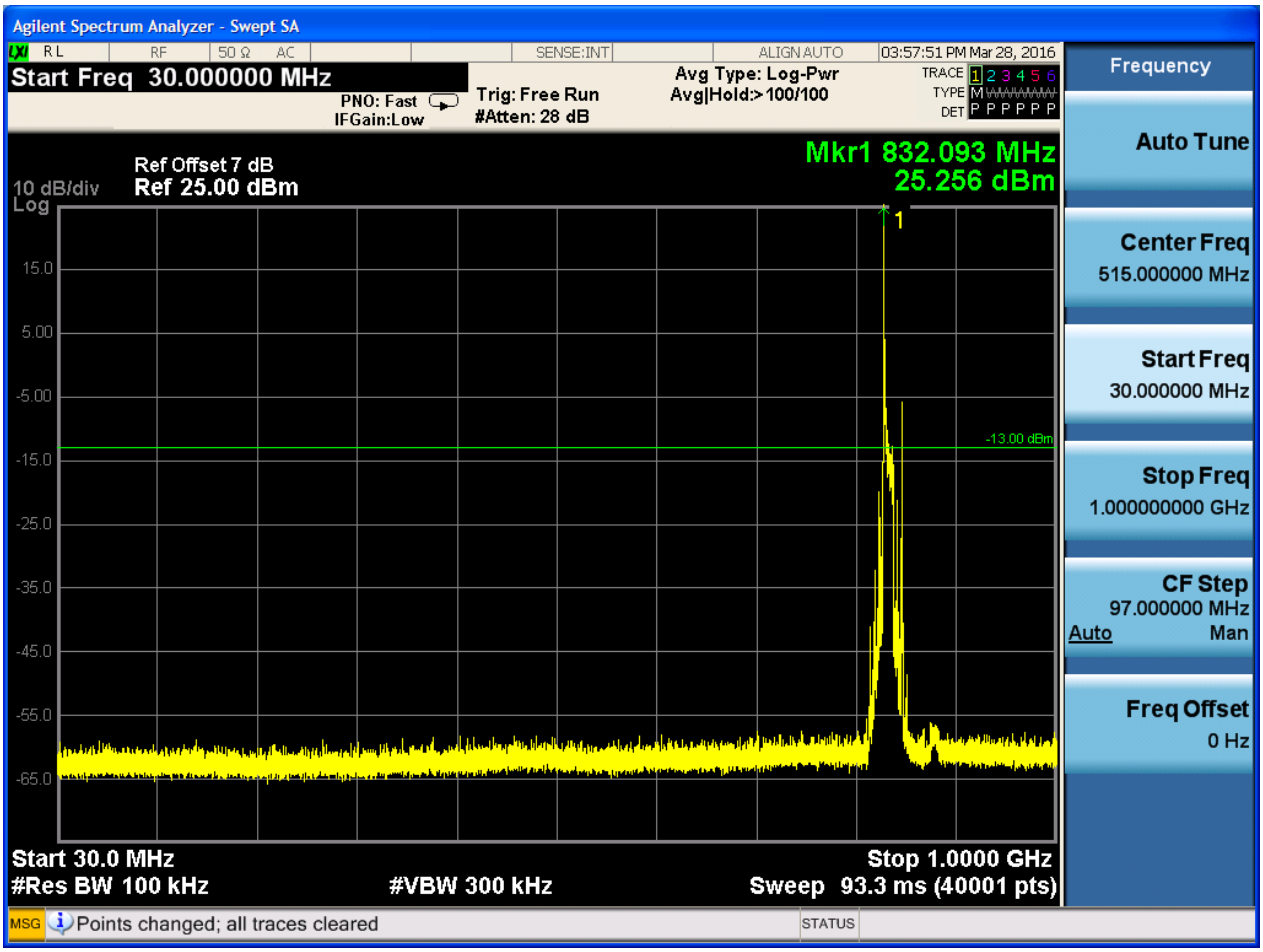

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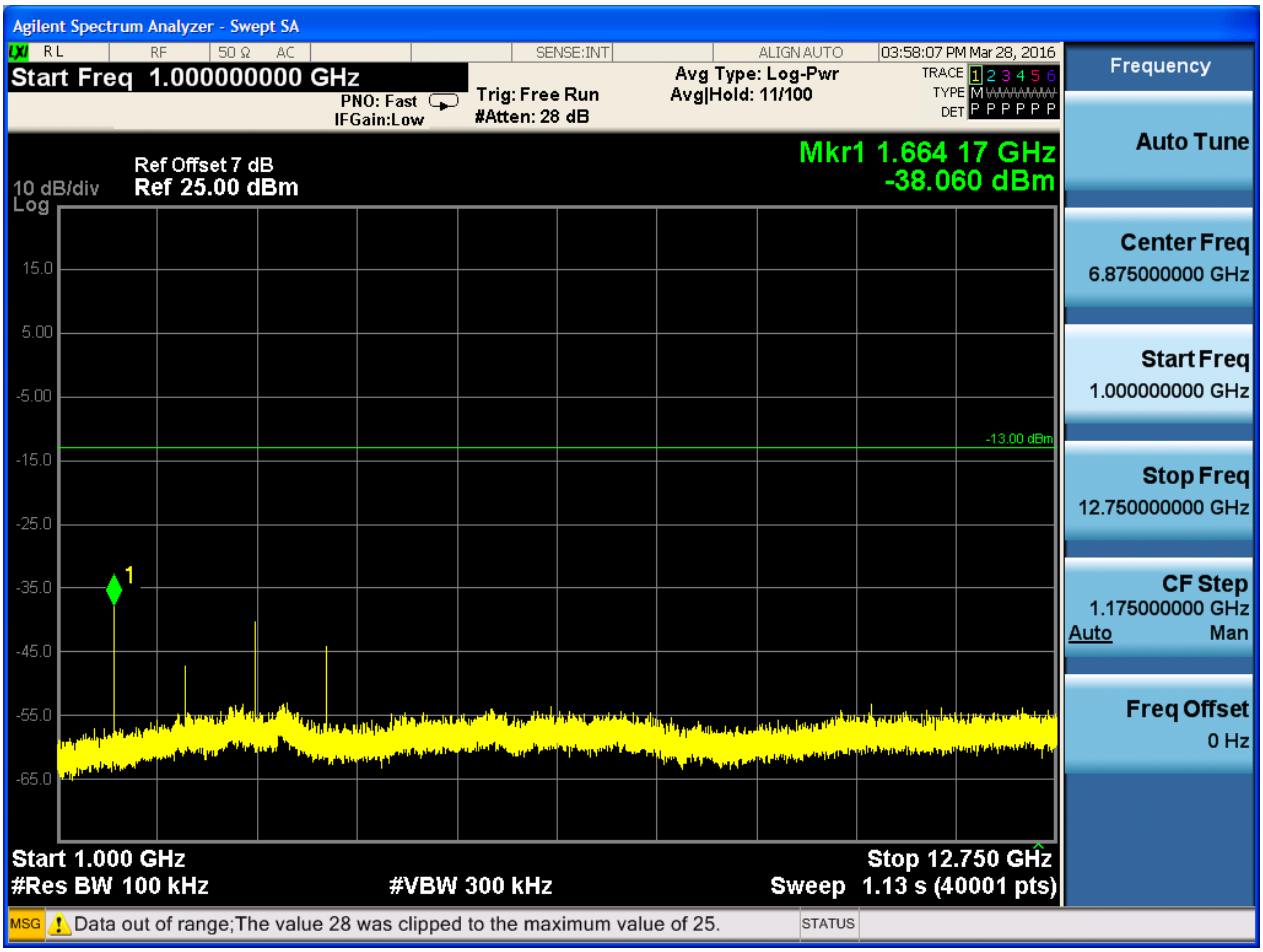
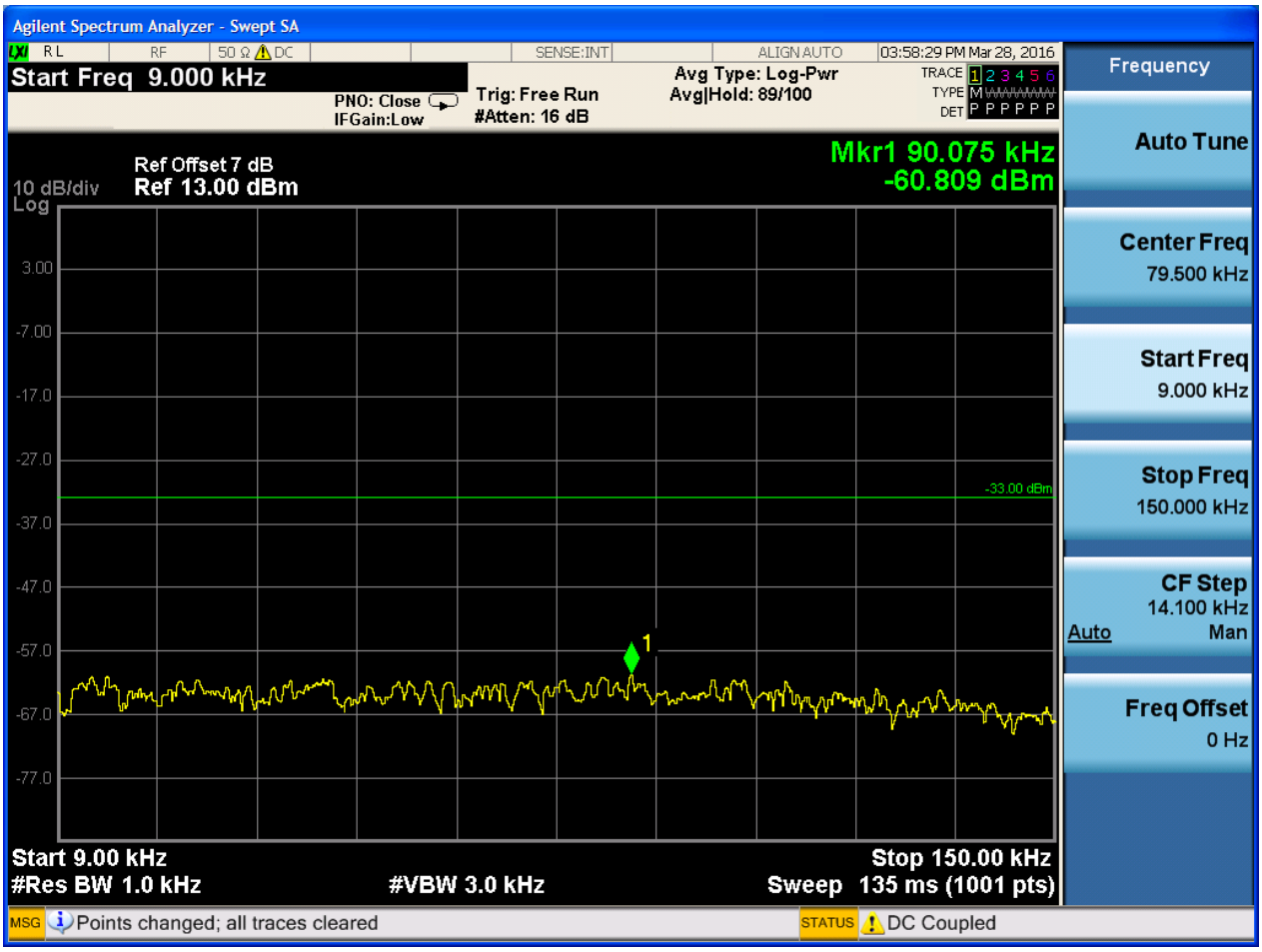

Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:58:07 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.664 17 GHz
-38.060 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0



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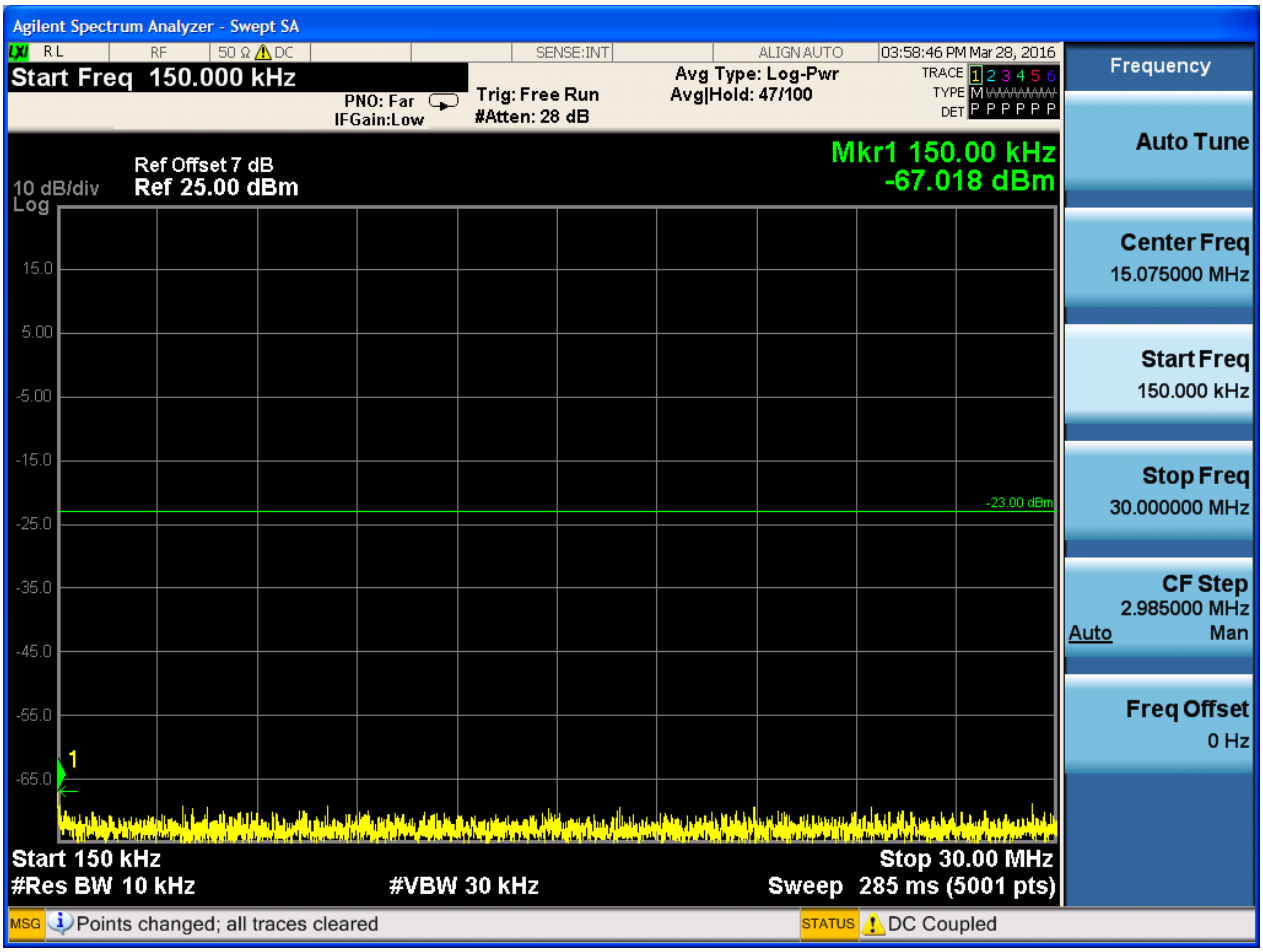

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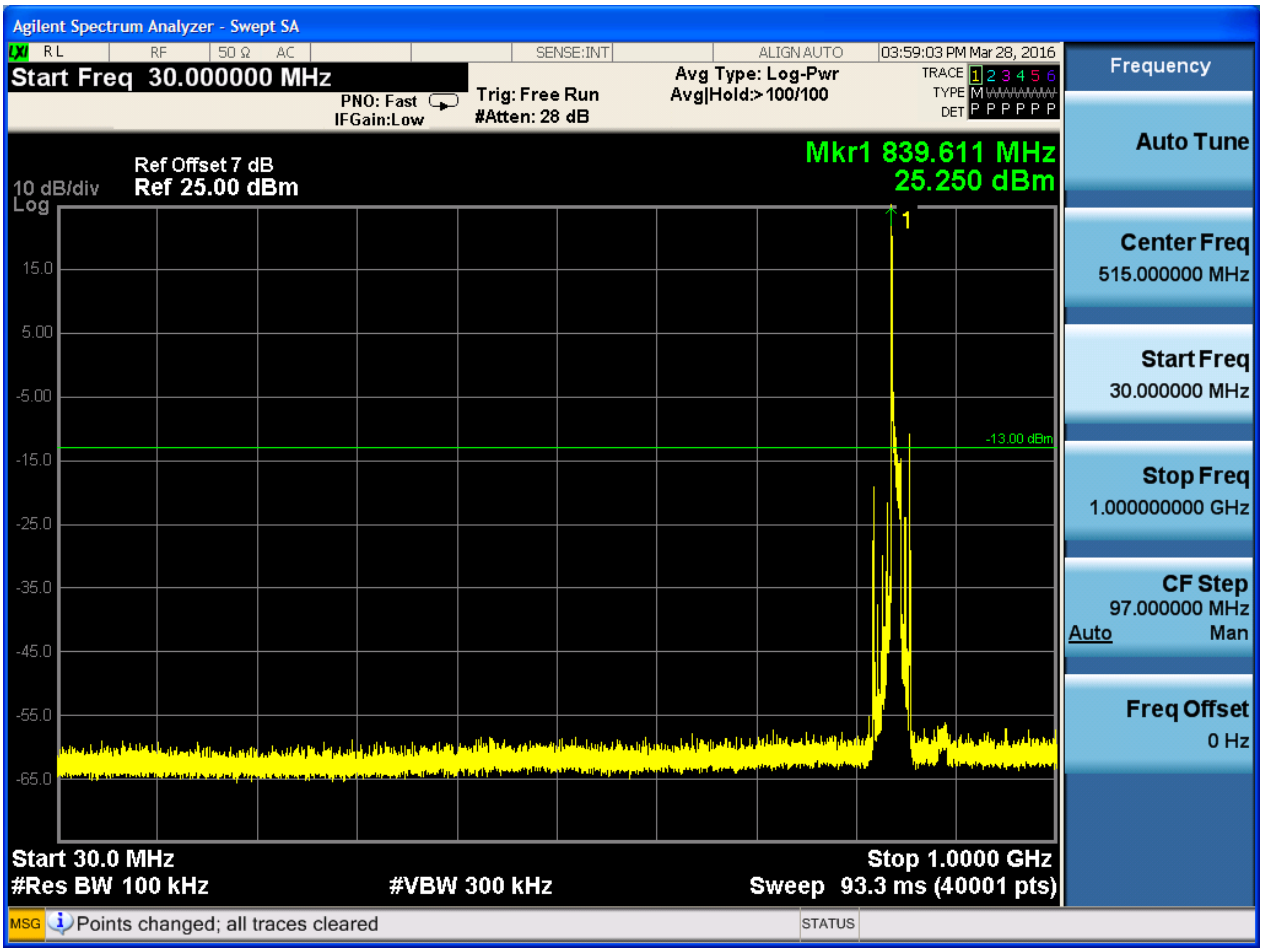
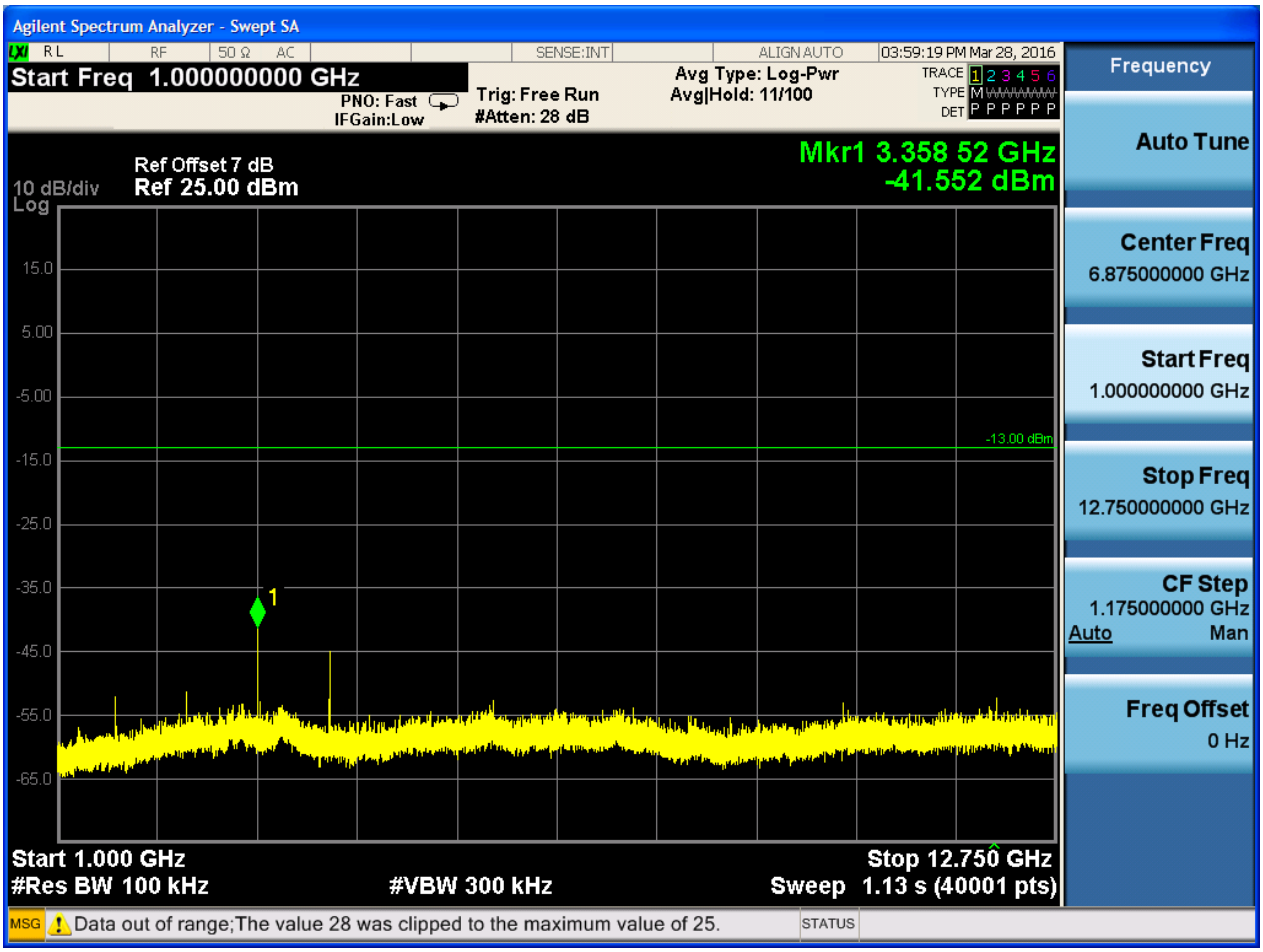

Agilent Spectrum Analyzer - Swept SA
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
03:59:03 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 839.611 MHz
25.250 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 1.0000 GHz
Sweep 93.3 ms (40001 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
515.000000 MHz
Start Freq
30.000000 MHz
Stop Freq
1.000000000 GHz
CF Step
97.000000 MHz
Auto
Man
Freq Offset
0 Hz


Agilent Spectrum Analyzer - Swept SA
Start Freq 1.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
03:59:19 PM Mar 28, 2016
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 3.358 52 GHz
-41.552 dBm
-13.00 dBm
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
Data out of range;The value 28 was clipped to the maximum value of 25.
Frequency
Auto Tune
Center Freq
6.875000000 GHz
Start Freq
1.000000000 GHz
Stop Freq
12.750000000 GHz
CF Step
1.175000000 GHz
Auto
Man
Freq Offset
0 Hz

7Appendix_G: Field Strength of Spurious Radiation

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

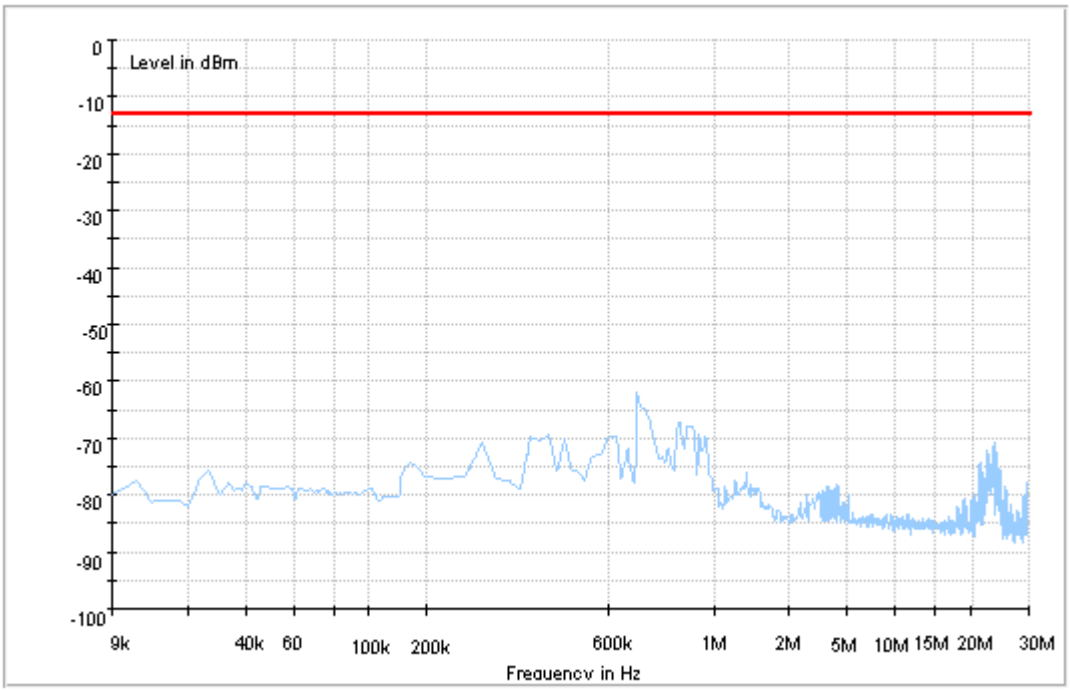
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = BAND5

7.1.1.1 Test Bandwidth = 1.4



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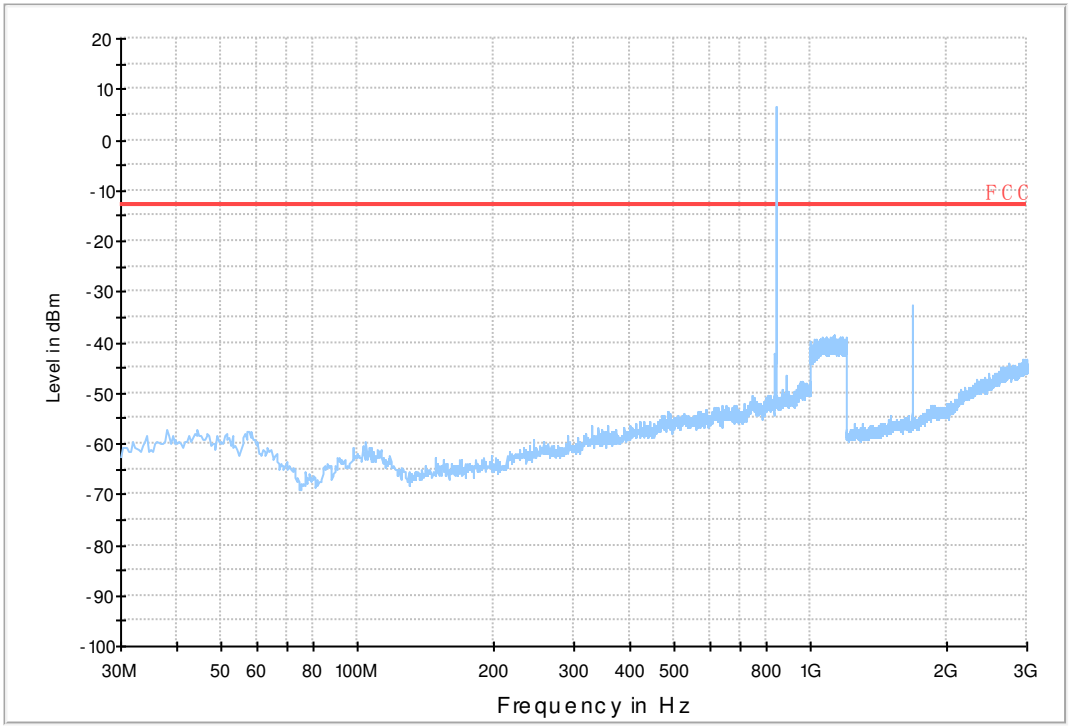
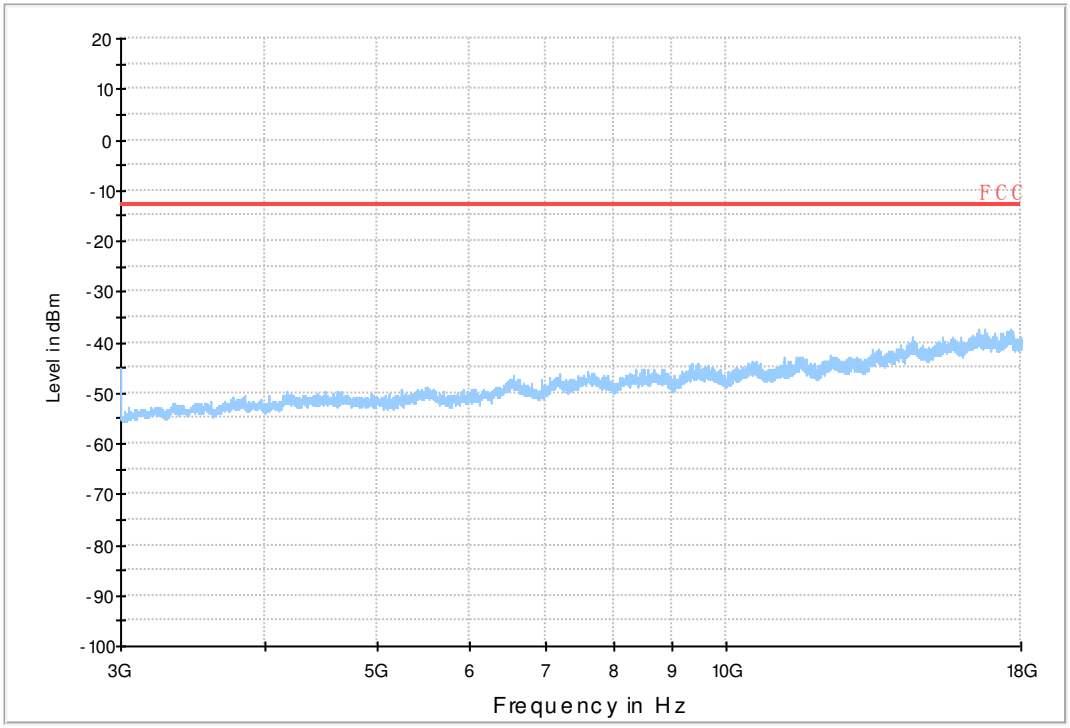
Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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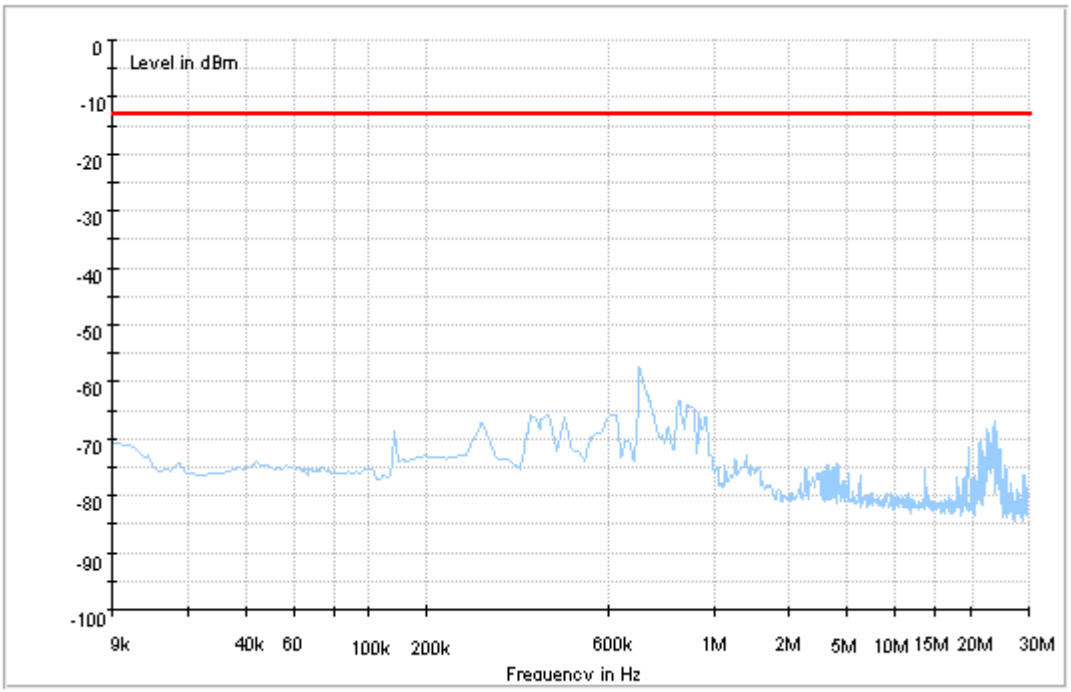
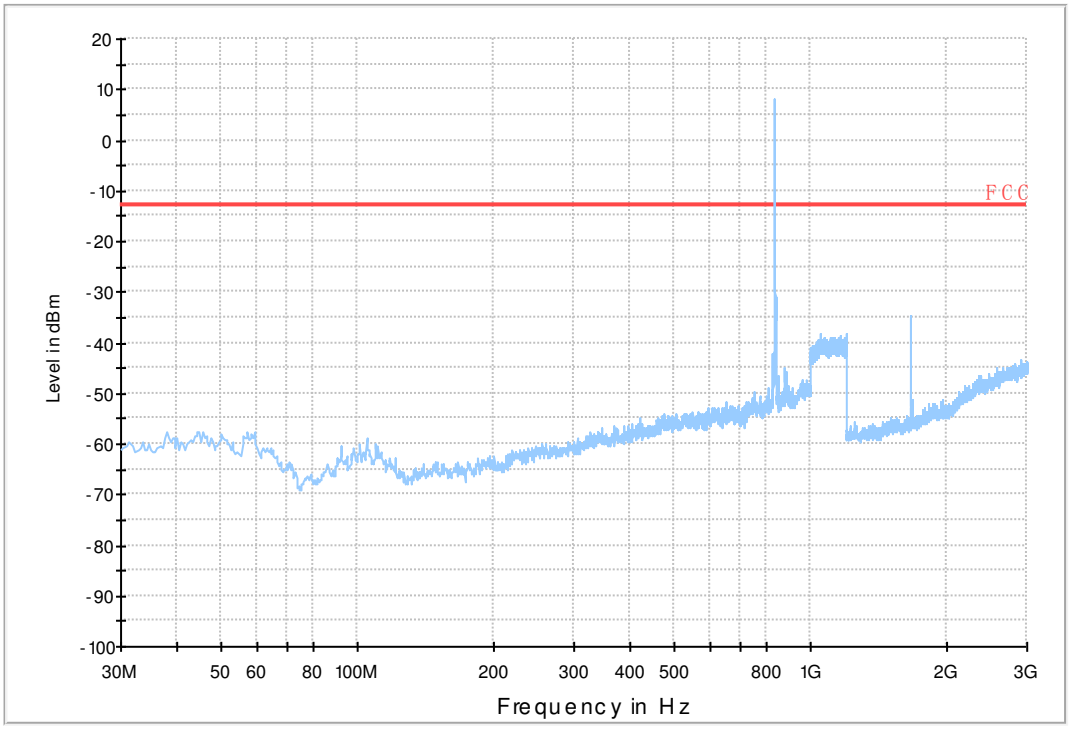
7.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



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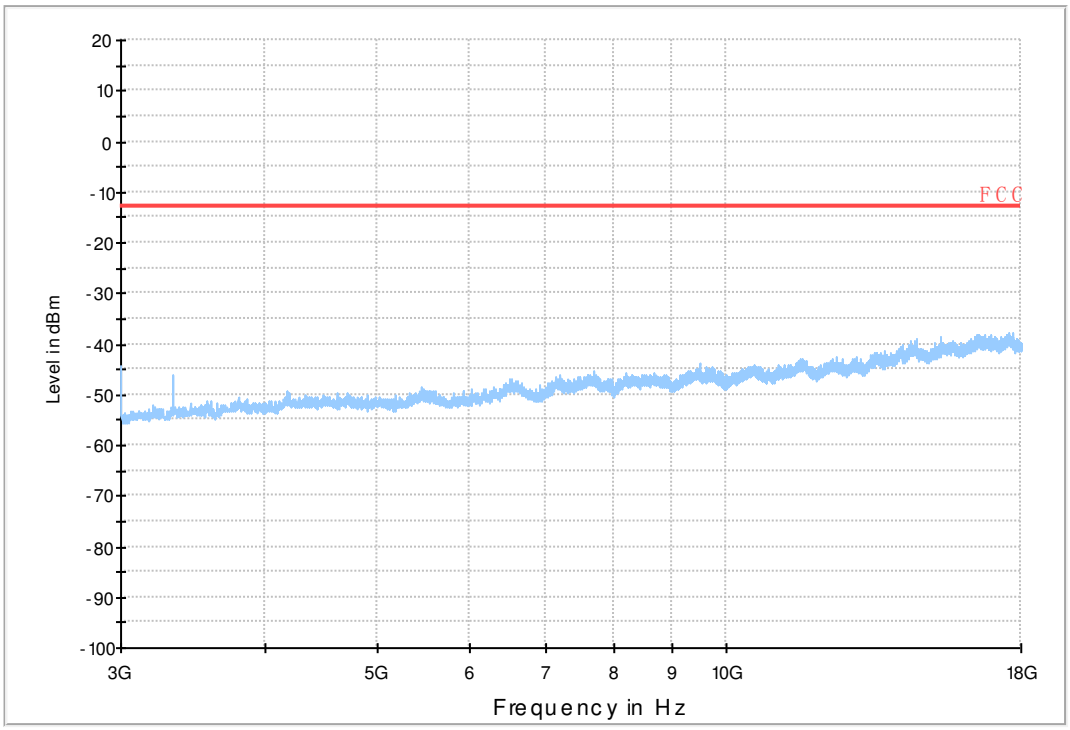
Copy of RSE-TX-DIRECTOR BELOW 1G_H



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8Appendix_H: Frequency Stability

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8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	TN	VL	-0.8	-0.00097	PASS
					VN	-0.99	-0.0012	PASS
					VH	-0.49	-0.00059	PASS
			MCH	TN	VL	0.51	0.00061	PASS
					VN	0.97	0.00116	PASS
					VH	0.49	0.00059	PASS
			HCH	TN	VL	-0.87	-0.00103	PASS
					VN	0.64	0.00075	PASS
					VH	-0.96	-0.00113	PASS
		3	LCH	TN	VL	-9.91	-0.012	PASS
					VN	-1.43	-0.00173	PASS
					VH	12	0.01454	PASS
			MCH	TN	VL	6.39	0.00764	PASS
					VN	-2.59	-0.0031	PASS
					VH	-0.9	-0.00108	PASS
			HCH	TN	VL	17.05	0.02012	PASS
					VN	7.64	0.00901	PASS
					VH	-3.58	-0.00422	PASS
		5	LCH	TN	VL	-5.21	-0.0063	PASS
					VN	-2.1	-0.00254	PASS
					VH	1.89	0.00229	PASS
			MCH	TN	VL	0.24	0.00029	PASS
					VN	-7.48	-0.00894	PASS
					VH	-4.53	-0.00542	PASS
			HCH	TN	VL	-1.65	-0.00195	PASS
					VN	-5.36	-0.00633	PASS
					VH	6.25	0.00738	PASS
		10	LCH	TN	VL	-19.18	-0.02314	PASS
					VN	-0.54	-0.00065	PASS
					VH	2.92	0.00352	PASS
			MCH	TN	VL	3.48	0.00416	PASS
					VN	-17.22	-0.02059	PASS
					VH	-13.58	-0.01623	PASS
			HCH	TN	VL	2.65	0.00314	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.01	-0.00001	PASS
					VH	-3.28	-0.00389	PASS
	LTE/TM2	1.4	LCH	TN	VL	-0.27	-0.00033	PASS
					VN	-0.63	-0.00076	PASS
					VH	-0.2	-0.00024	PASS
			MCH	TN	VL	-0.59	-0.00071	PASS
					VN	-0.69	-0.00082	PASS
					VH	-0.83	-0.00099	PASS
			HCH	TN	VL	-0.6	-0.00071	PASS
					VN	-0.54	-0.00065	PASS
					VH	0.04	0.00005	PASS
		3	LCH	TN	VL	-7.8	-0.00945	PASS
					VN	6.72	0.00814	PASS
					VH	2.09	0.00253	PASS
			MCH	TN	VL	5.24	0.00626	PASS
					VN	4.02	0.00481	PASS
					VH	-5.51	-0.00659	PASS
			HCH	TN	VL	7.51	0.00886	PASS
					VN	11.87	0.01401	PASS
					VH	-5.61	-0.00662	PASS
		5	LCH	TN	VL	-9.21	-0.01114	PASS
					VN	-1.03	-0.00125	PASS
					VH	-4.13	-0.005	PASS
			MCH	TN	VL	-1.67	-0.002	PASS
					VN	-3.16	-0.00378	PASS
					VH	-3.68	-0.0044	PASS
			HCH	TN	VL	4.08	0.00482	PASS
					VN	14.45	0.01707	PASS
					VH	4.89	0.00578	PASS
		10	LCH	TN	VL	7.27	0.00877	PASS
					VN	-18.9	-0.0228	PASS
					VH	0.56	0.00068	PASS
			MCH	TN	VL	-4.99	-0.00597	PASS
					VN	29.01	0.03468	PASS
					VH	20.5	0.02451	PASS
			HCH	TN	VL	-8.98	-0.01064	PASS
					VN	-3.68	-0.0044	PASS
					VH	3.33	0.00395	PASS

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8.1.2Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	1.13	0.00137	PASS
					-20	0.7	0.00085	PASS
					-10	0.43	0.00052	PASS
					0	0.56	0.00068	PASS
					10	0.72	0.00087	PASS
					20	-0.26	-0.00032	PASS
					30	0.3	0.00036	PASS
					40	0.26	0.00032	PASS
					50	0.43	0.00052	PASS
			MCH	VN	-30	-0.07	-0.00008	PASS
					-20	0.23	0.00027	PASS
					-10	0.06	0.00007	PASS
					0	0.63	0.00075	PASS
					10	0.63	0.00075	PASS
					20	0.39	0.00047	PASS
					30	0.76	0.00091	PASS
					40	-0.2	-0.00024	PASS
					50	0.26	0.00031	PASS
			HCH	VN	-30	-0.51	-0.0006	PASS
					-20	-1.72	-0.00203	PASS
					-10	-1.19	-0.0014	PASS
					0	-1.42	-0.00167	PASS
					10	-2	-0.00236	PASS
					20	0.04	0.00005	PASS
					30	0.21	0.00025	PASS
					40	0.73	0.00086	PASS
					50	0.27	0.00032	PASS
		3	LCH	VN	-30	-0.4	-0.00048	PASS
					-20	-2.63	-0.00319	PASS
					-10	5.54	0.00671	PASS
					0	-0.09	-0.00011	PASS
					10	7.14	0.00865	PASS
					20	0.2	0.00024	PASS
					30	-7.28	-0.00882	PASS
					40	0.77	0.00093	PASS
					50	0.53	0.00064	PASS
			MCH	VN	-30	2.53	0.00302	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	2.1	0.00251	PASS
					-10	1.29	0.00154	PASS
					0	-2.25	-0.00269	PASS
					10	6.64	0.00794	PASS
					20	5.19	0.0062	PASS
					30	-1.8	-0.00215	PASS
					40	1.27	0.00152	PASS
					50	5.05	0.00604	PASS
			HCH	VN	-30	5.58	0.00658	PASS
					-20	2.93	0.00346	PASS
					-10	-5.06	-0.00597	PASS
					0	-5.31	-0.00627	PASS
					10	-3.62	-0.00427	PASS
					20	7.37	0.0087	PASS
					30	5.14	0.00606	PASS
					40	-1.76	-0.00208	PASS
					50	-1.54	-0.00182	PASS
		5	LCH	VN	-30	-3.95	-0.00478	PASS
					-20	-10.77	-0.01303	PASS
					-10	-0.59	-0.00071	PASS
					0	2.02	0.00244	PASS
					10	3.99	0.00483	PASS
					20	-2.93	-0.00355	PASS
					30	-0.93	-0.00113	PASS
					40	0.97	0.00117	PASS
					50	3.02	0.00365	PASS
			MCH	VN	-30	-1.77	-0.00212	PASS
					-20	-1.56	-0.00186	PASS
					-10	-2.12	-0.00253	PASS
					0	-1.59	-0.0019	PASS
					10	-3.32	-0.00397	PASS
					20	-1.36	-0.00163	PASS
					30	-1.04	-0.00124	PASS
					40	-3.05	-0.00365	PASS
					50	-0.47	-0.00056	PASS
			HCH	VN	-30	-10.34	-0.01222	PASS
					-20	9	0.01063	PASS
					-10	3.03	0.00358	PASS
					0	-5.52	-0.00652	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.41	-0.00048	PASS
					20	-8.21	-0.0097	PASS
					30	-10.44	-0.01233	PASS
					40	5.22	0.00617	PASS
					50	0.57	0.00067	PASS
		10	LCH	VN	-30	-3.36	-0.00405	PASS
					-20	12.66	0.01527	PASS
					-10	9.83	0.01186	PASS
					0	-20.13	-0.02428	PASS
					10	-23.96	-0.0289	PASS
					20	-16.79	-0.02025	PASS
					30	-0.66	-0.0008	PASS
					40	13.95	0.01683	PASS
					50	-23.2	-0.02799	PASS
			MCH	VN	-30	-32.46	-0.0388	PASS
					-20	28.61	0.0342	PASS
					-10	3.59	0.00429	PASS
					0	-21.11	-0.02524	PASS
					10	2.43	0.0029	PASS
					20	4.72	0.00564	PASS
					30	-9.13	-0.01091	PASS
					40	-17.81	-0.02129	PASS
					50	-23.93	-0.02861	PASS
			HCH	VN	-30	-6.84	-0.0081	PASS
					-20	4.58	0.00543	PASS
					-10	-3.49	-0.00414	PASS
					0	-9.38	-0.01111	PASS
					10	1.1	0.0013	PASS
					20	1.95	0.00231	PASS
					30	2.32	0.00275	PASS
					40	-0.84	-0.001	PASS
					50	-6.52	-0.00773	PASS
	LTE/TM2	1.4	LCH	VN	-30	0.31	0.00038	PASS
					-20	0.19	0.00023	PASS
					-10	-0.34	-0.00041	PASS
					0	0.31	0.00038	PASS
					10	-0.17	-0.00021	PASS
					20	0.46	0.00056	PASS
					30	0.19	0.00023	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.79	-0.00096	PASS
					50	0.83	0.00101	PASS
			MCH	VN	-30	-1.79	-0.00214	PASS
					-20	-0.93	-0.00111	PASS
					-10	-0.21	-0.00025	PASS
					0	-0.41	-0.00049	PASS
					10	-2.13	-0.00255	PASS
					20	-0.64	-0.00077	PASS
					30	1.13	0.00135	PASS
					40	-0.34	-0.00041	PASS
					50	0.4	0.00048	PASS
			HCH	VN	-30	0.3	0.00035	PASS
					-20	-0.14	-0.00017	PASS
					-10	-0.79	-0.00093	PASS
					0	-1	-0.00118	PASS
					10	-1.3	-0.00153	PASS
					20	0.74	0.00087	PASS
					30	0.49	0.00058	PASS
					40	-1.43	-0.00169	PASS
					50	-0.4	-0.00047	PASS
		3	LCH	VN	-30	-0.17	-0.00021	PASS
					-20	-2.37	-0.00287	PASS
					-10	0.7	0.00085	PASS
					0	4.19	0.00508	PASS
					10	-0.33	-0.0004	PASS
					20	3.75	0.00454	PASS
					30	-3.81	-0.00462	PASS
					40	15.94	0.01931	PASS
					50	-1.14	-0.00138	PASS
			MCH	VN	-30	-4.82	-0.00576	PASS
					-20	2.13	0.00255	PASS
					-10	3.62	0.00433	PASS
					0	-4.36	-0.00521	PASS
					10	8.2	0.0098	PASS
					20	3.28	0.00392	PASS
					30	0.19	0.00023	PASS
					40	-9	-0.01076	PASS
					50	7.31	0.00874	PASS
			HCH	VN	-30	2.8	0.0033	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.66	0.00078	PASS
					-10	0.16	0.00019	PASS
					0	-2.73	-0.00322	PASS
					10	-11.94	-0.01409	PASS
					20	-6.14	-0.00724	PASS
					30	-3.26	-0.00385	PASS
					40	-0.31	-0.00037	PASS
					50	-12.3	-0.01451	PASS
		5	LCH	VN	-30	8.73	0.01056	PASS
					-20	14.25	0.01724	PASS
					-10	0.73	0.00088	PASS
					0	0.46	0.00056	PASS
					10	-0.63	-0.00076	PASS
					20	-0.07	-0.00008	PASS
					30	-0.8	-0.00097	PASS
					40	-3.12	-0.00377	PASS
					50	0.92	0.00111	PASS
			MCH	VN	-30	-2.89	-0.00345	PASS
					-20	-2.02	-0.00241	PASS
					-10	-1.33	-0.00159	PASS
					0	-2.56	-0.00306	PASS
					10	2.52	0.00301	PASS
					20	-2.62	-0.00313	PASS
					30	-2.22	-0.00265	PASS
					40	1.22	0.00146	PASS
					50	3.99	0.00477	PASS
			HCH	VN	-30	0.74	0.00087	PASS
					-20	-3.55	-0.00419	PASS
					-10	0.57	0.00067	PASS
					0	-2.06	-0.00243	PASS
					10	2.33	0.00275	PASS
					20	-0.72	-0.00085	PASS
					30	1.47	0.00174	PASS
					40	-2.45	-0.00289	PASS
					50	-2.19	-0.00259	PASS
		10	LCH	VN	-30	-1.76	-0.00212	PASS
					-20	-5.72	-0.0069	PASS
					-10	0.63	0.00076	PASS
					0	-1.72	-0.00207	PASS

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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	6.08	0.00733	PASS
					20	-1.89	-0.00228	PASS
					30	1.8	0.00217	PASS
					40	1.66	0.002	PASS
					50	-0.36	-0.00043	PASS
			MCH	VN	-30	-3.06	-0.00366	PASS
					-20	4.72	0.00564	PASS
					-10	4.39	0.00525	PASS
					0	2.9	0.00343	PASS
					10	3.81	0.0045	PASS
					20	-4.92	-0.00581	PASS
					30	-3.98	-0.0048	PASS
					40	0.94	0.00113	PASS
					50	-3.45	-0.00416	PASS
			HCH	VN	-30	3.91	0.00467	PASS
					-20	-4.68	-0.00559	PASS
					-10	7.77	0.00929	PASS
					0	-1.34	-0.00159	PASS
					10	-1.24	-0.00147	PASS
					20	-0.9	-0.00107	PASS
					30	0.29	0.00034	PASS
					40	0.11	0.00013	PASS
					50	-1.79	-0.00217	PASS

END

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