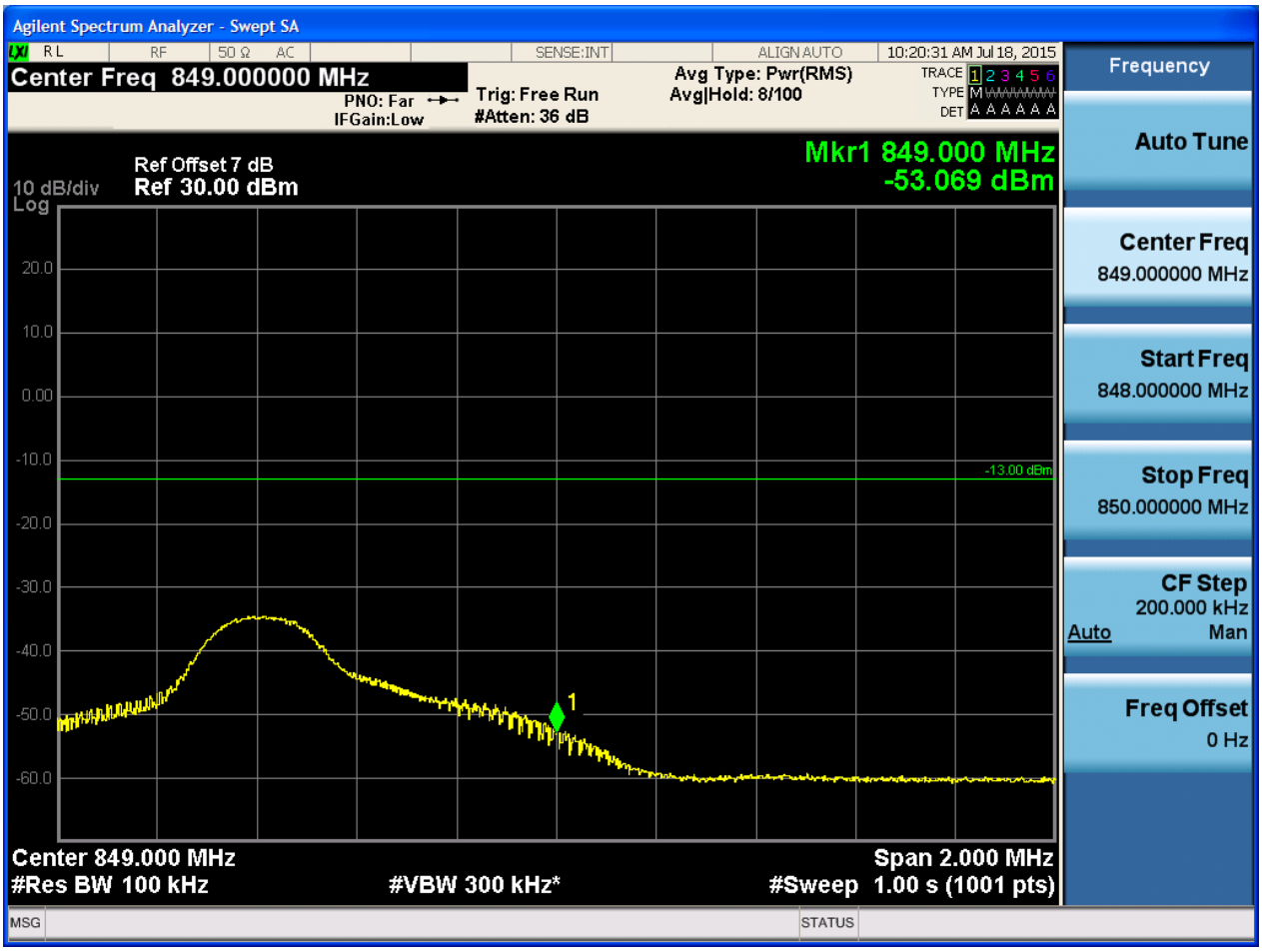
5.1.1.2.4.1.4 Test RB = RB50#0

5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



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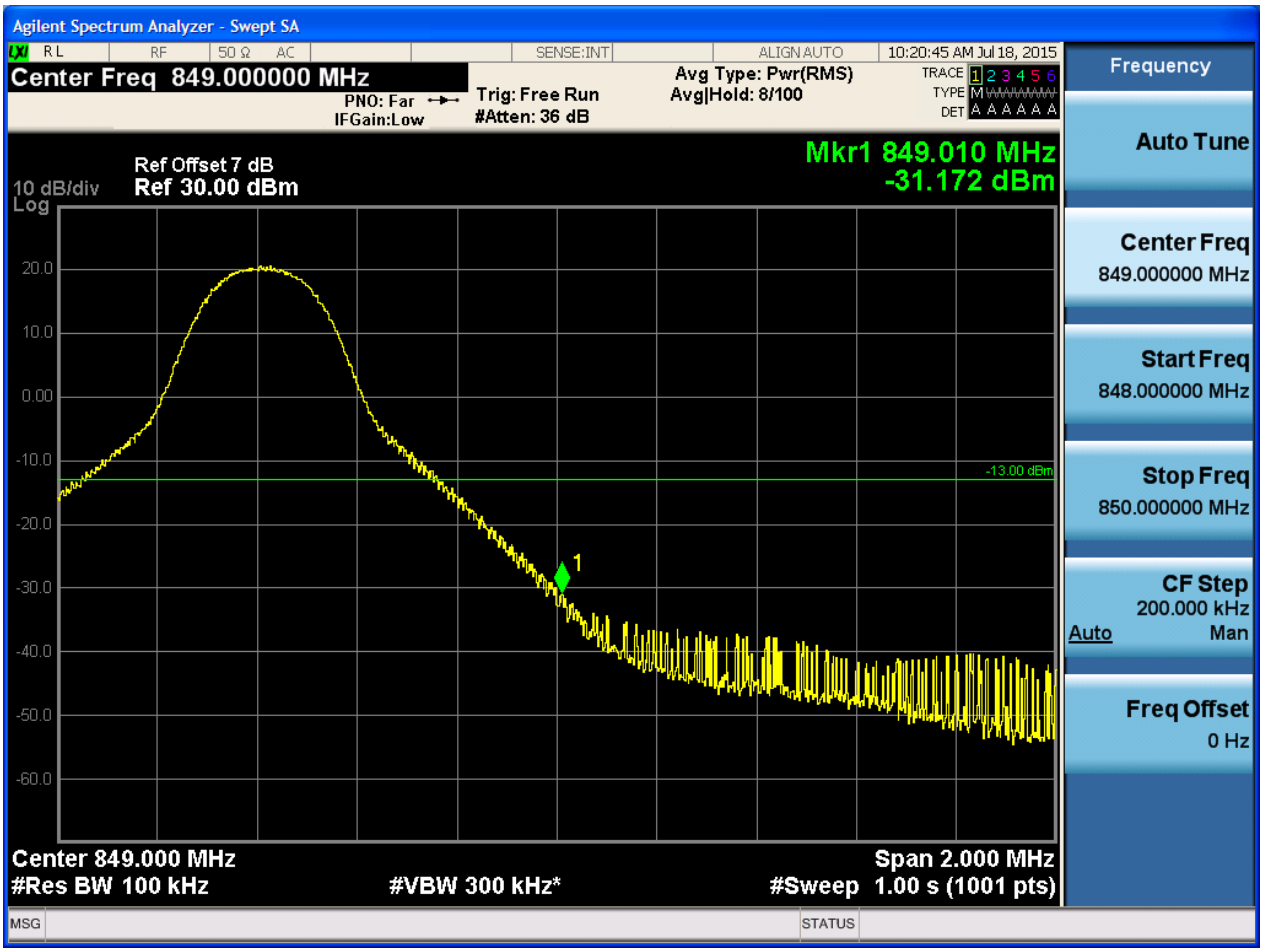
5.1.1.2.4.2.2 Test RB = RB1#49



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5.1.1.2.4.2.3 Test RB = RB25#13

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5.1.1.2.4.2.4 Test RB = RB50#0

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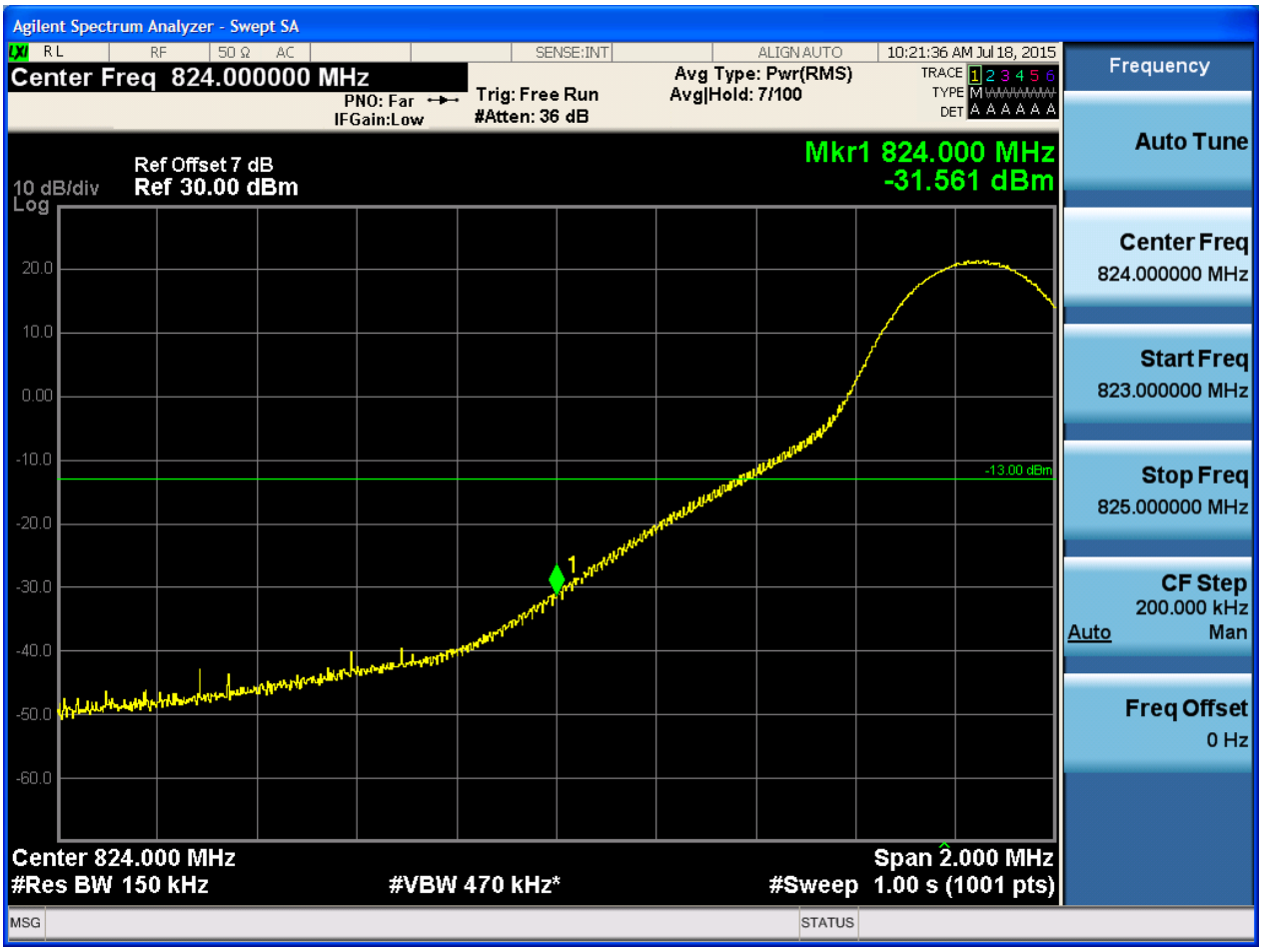
5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

5.1.1.2.5.1.1 Test RB = RB1#0



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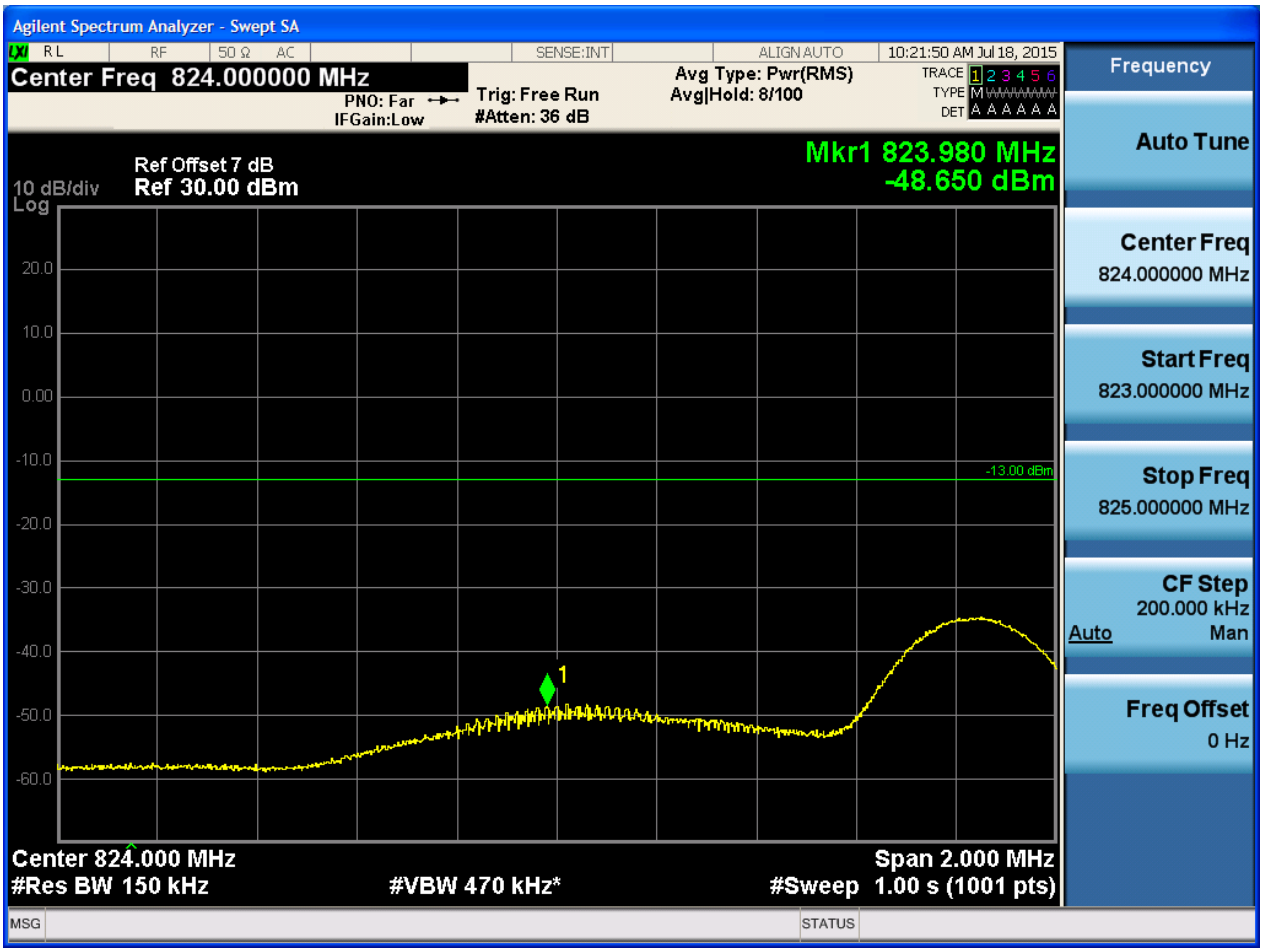
5.1.1.2.5.1.2 Test RB = RB1#74



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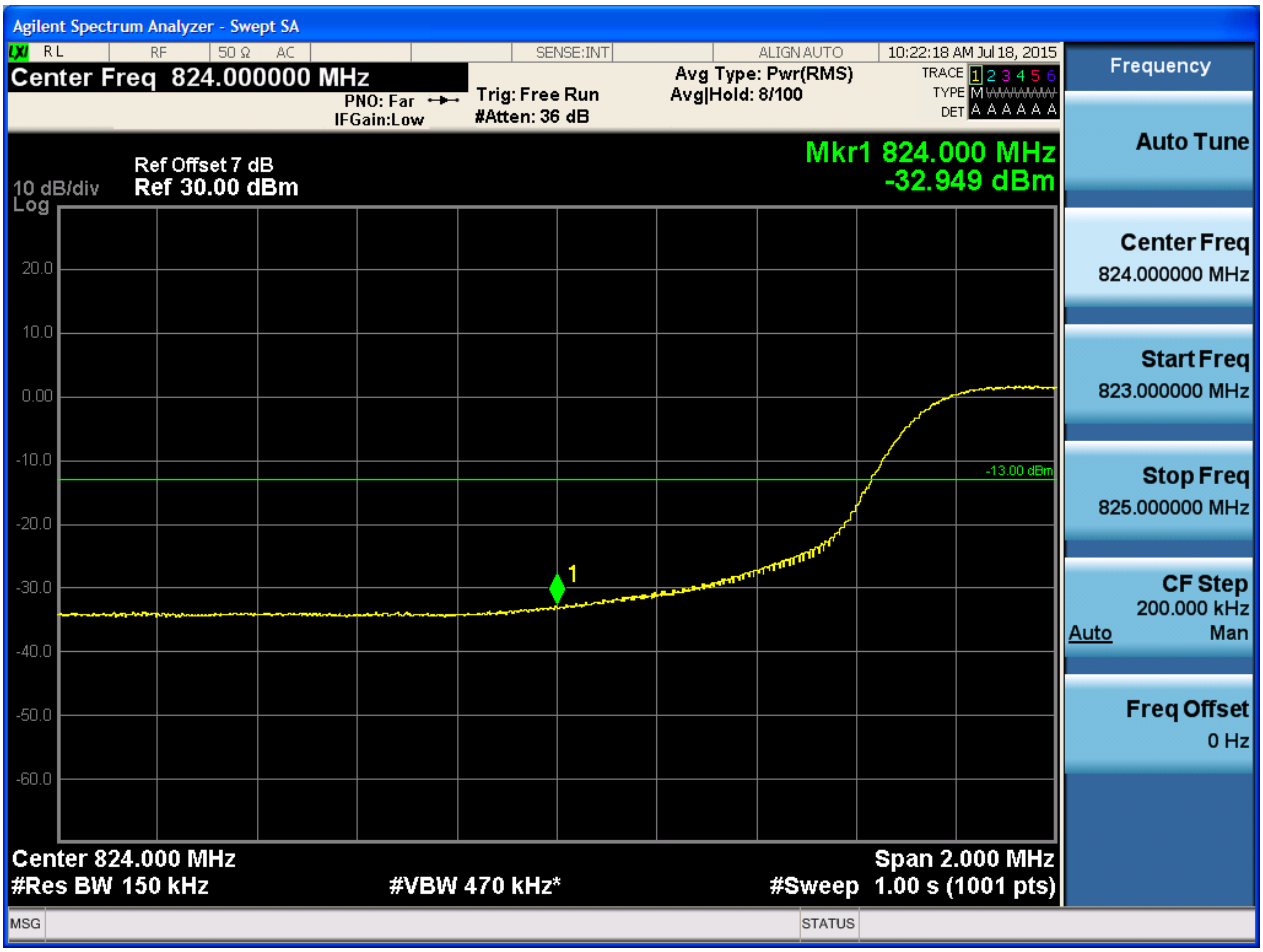
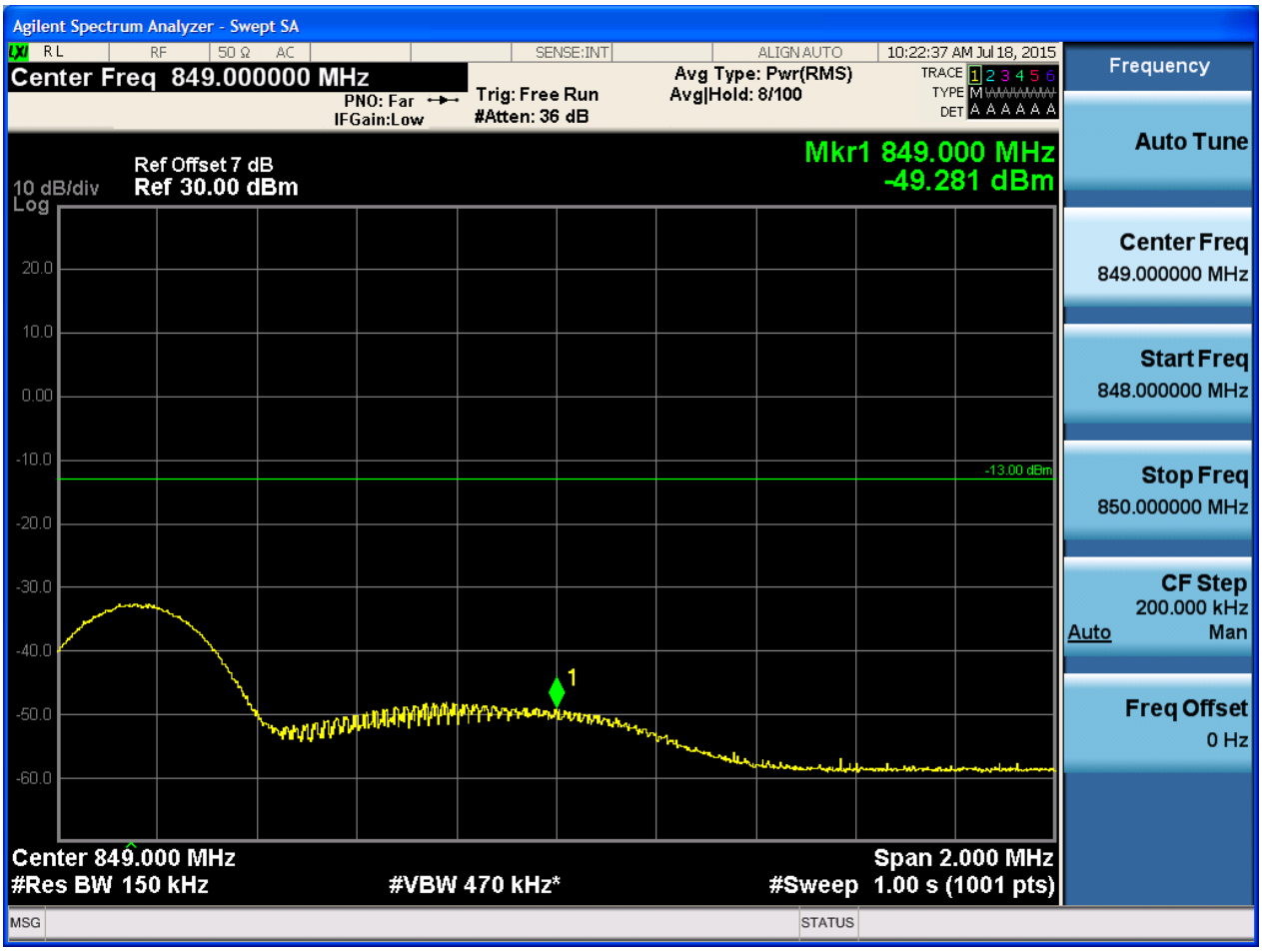
5.1.1.2.5.1.3 Test RB = RB38#19

5.1.1.2.5.1.4 Test RB = RB75#0



5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0



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5.1.1.2.5.2.2 Test RB = RB1#74

5.1.1.2.5.2.3 Test RB = RB38#19

5.1.1.2.5.2.4 Test RB = RB75#0

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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/TM2

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

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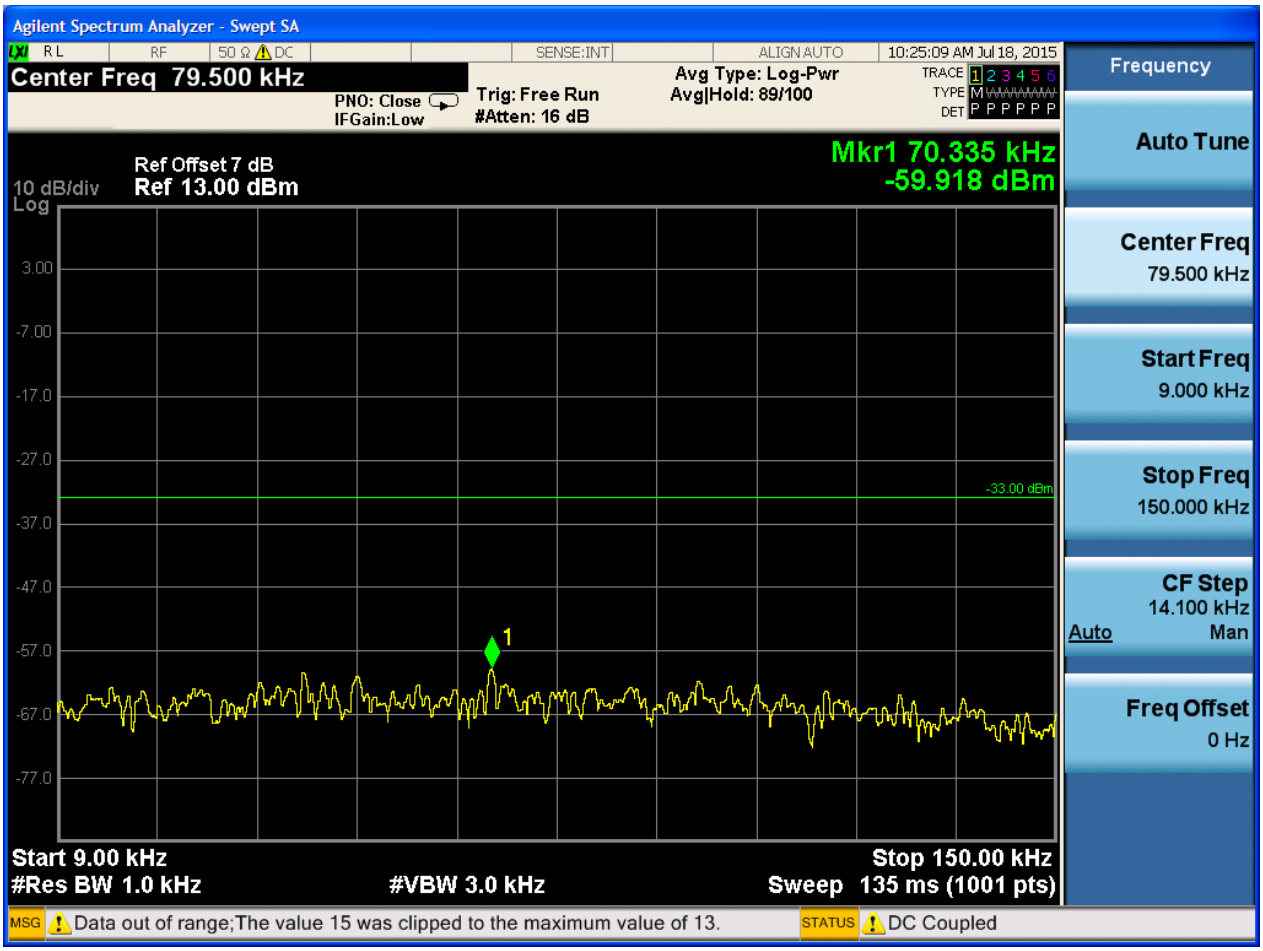

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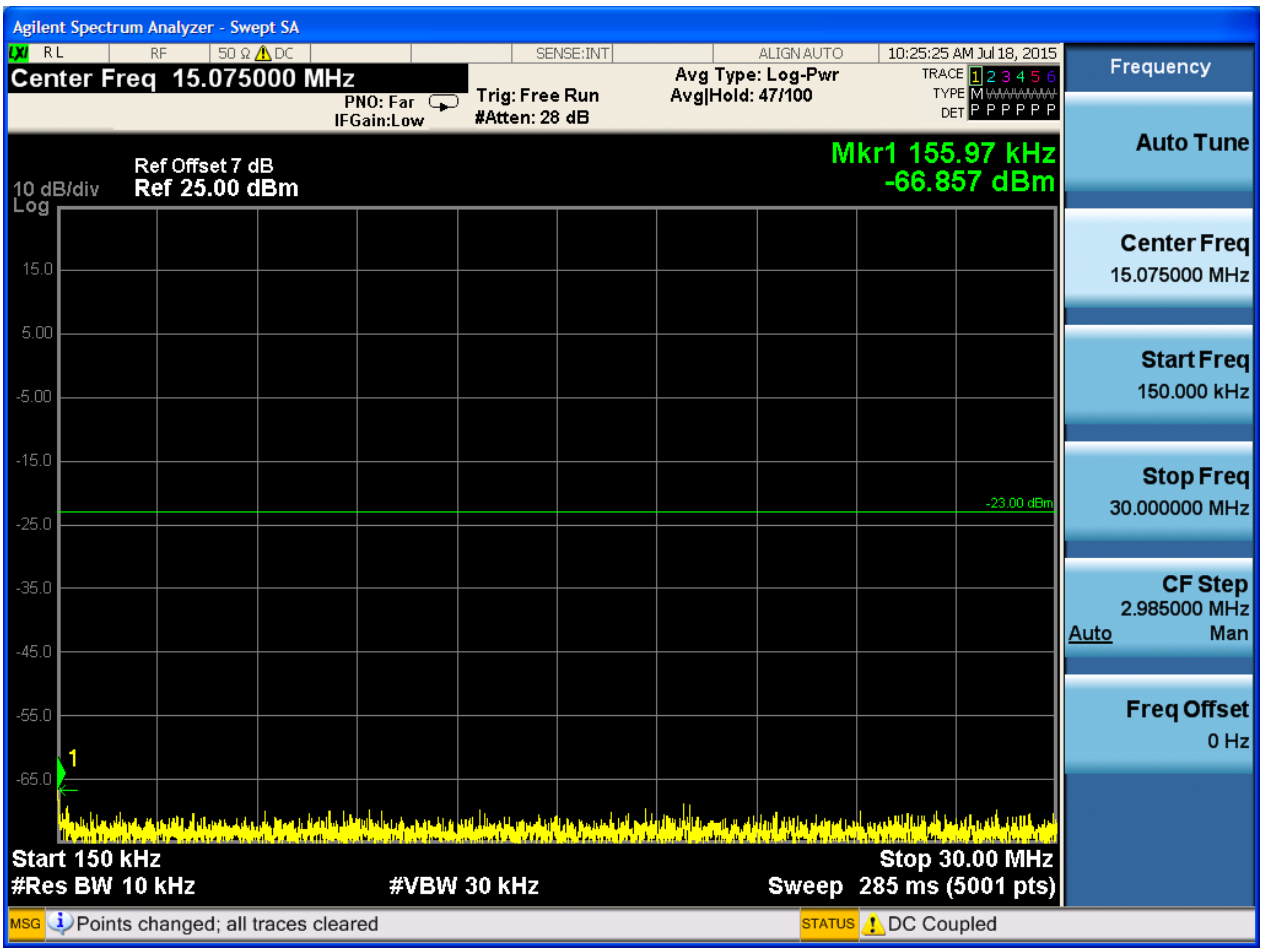

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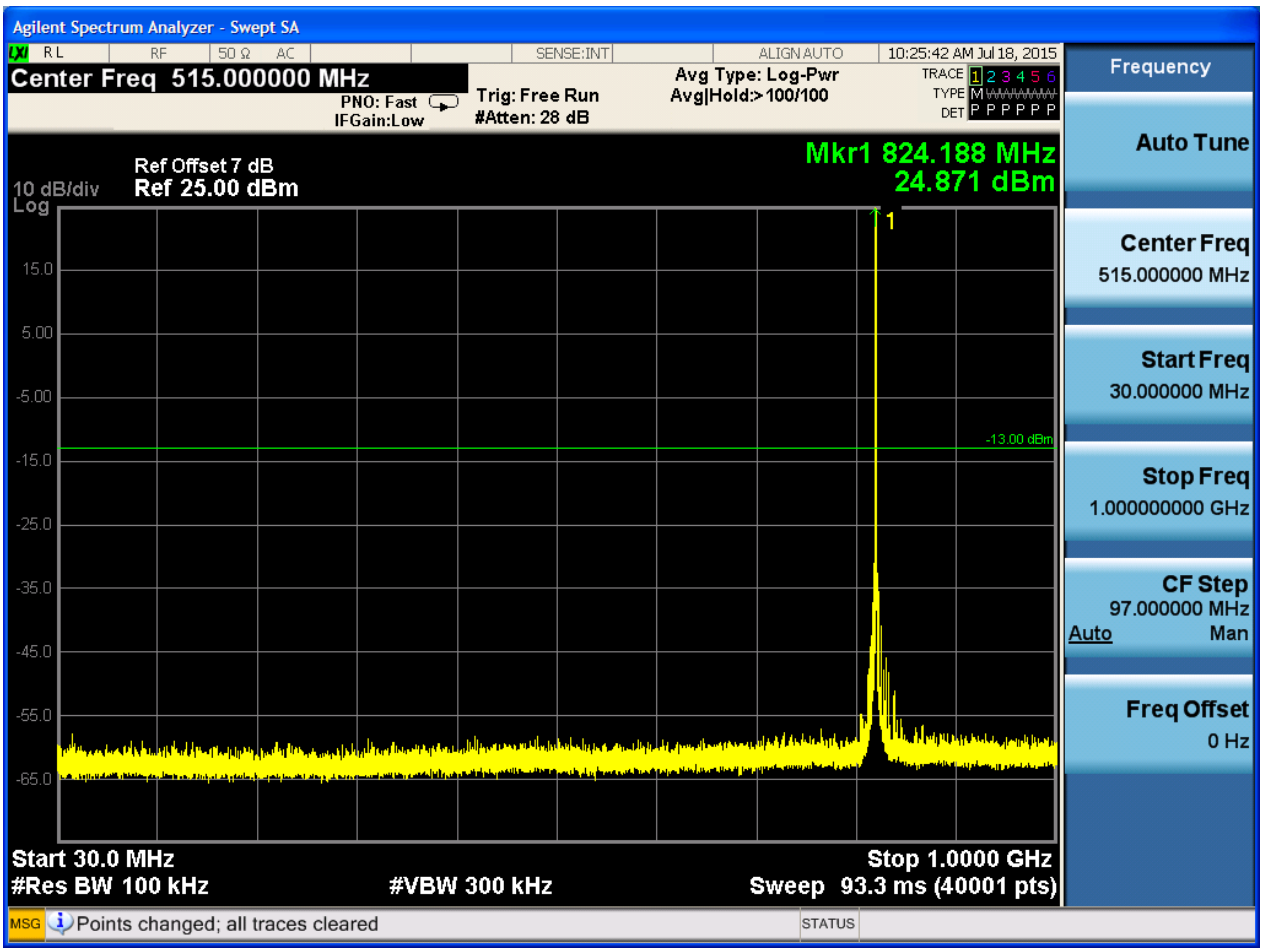

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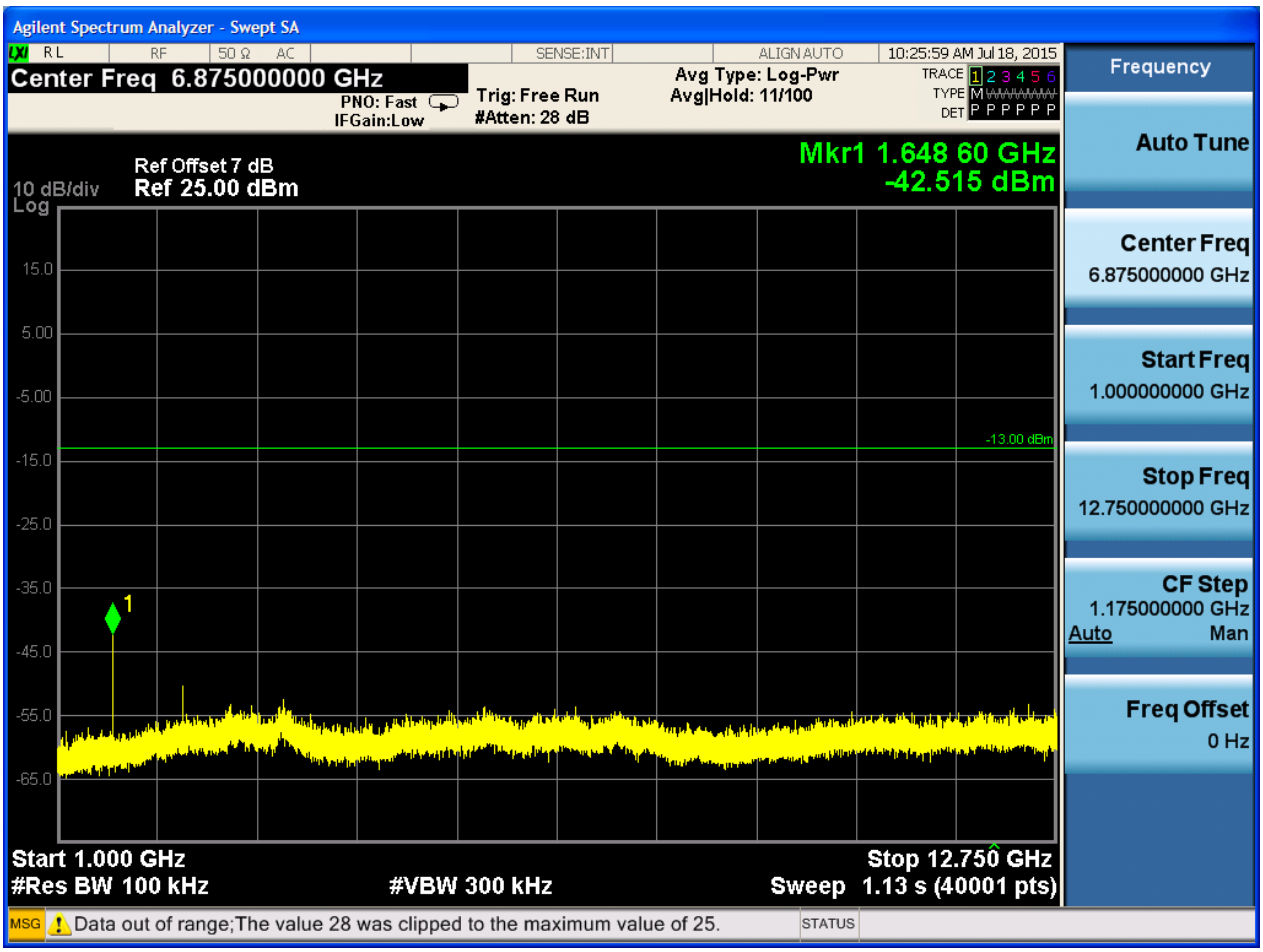

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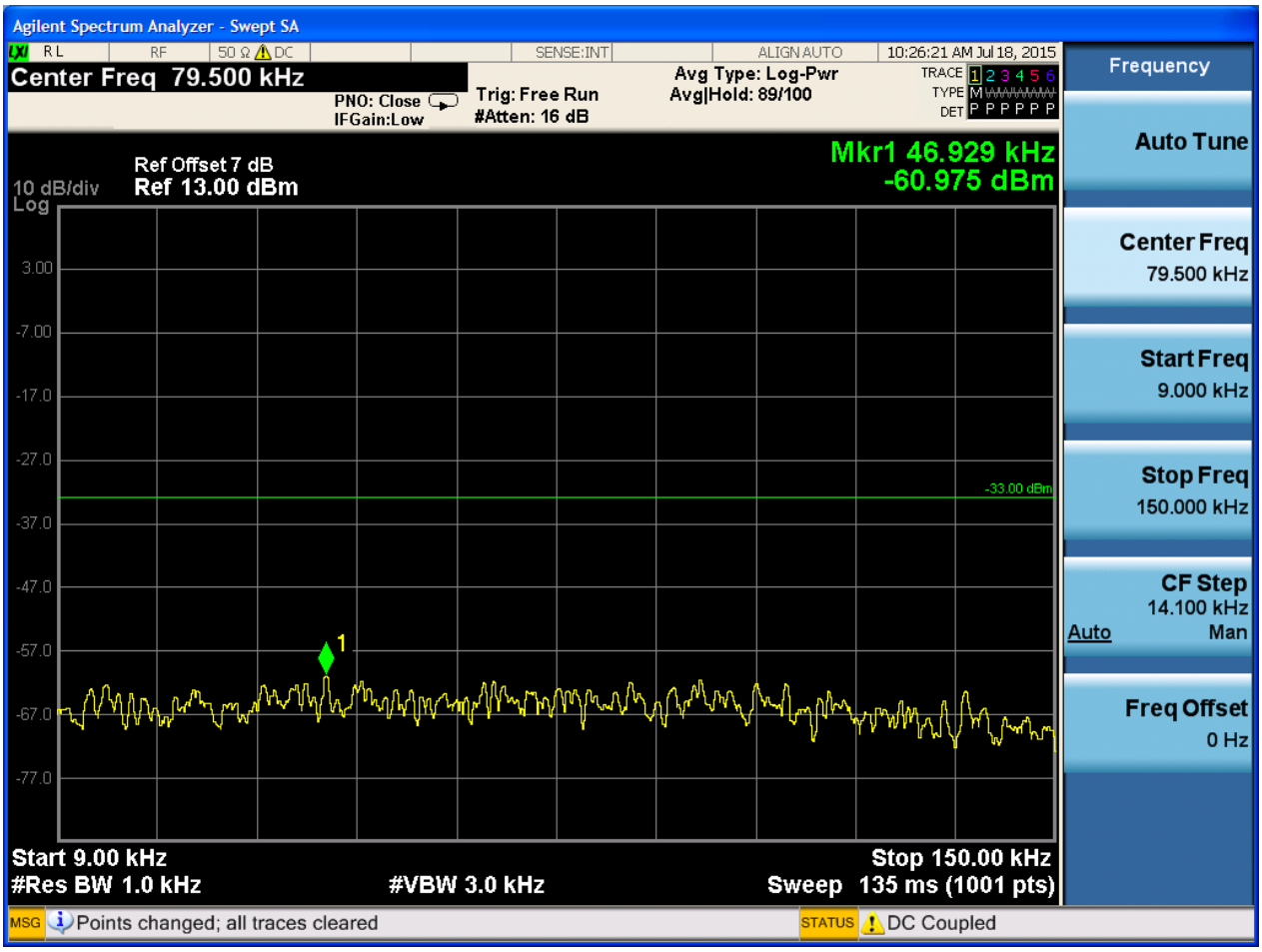
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



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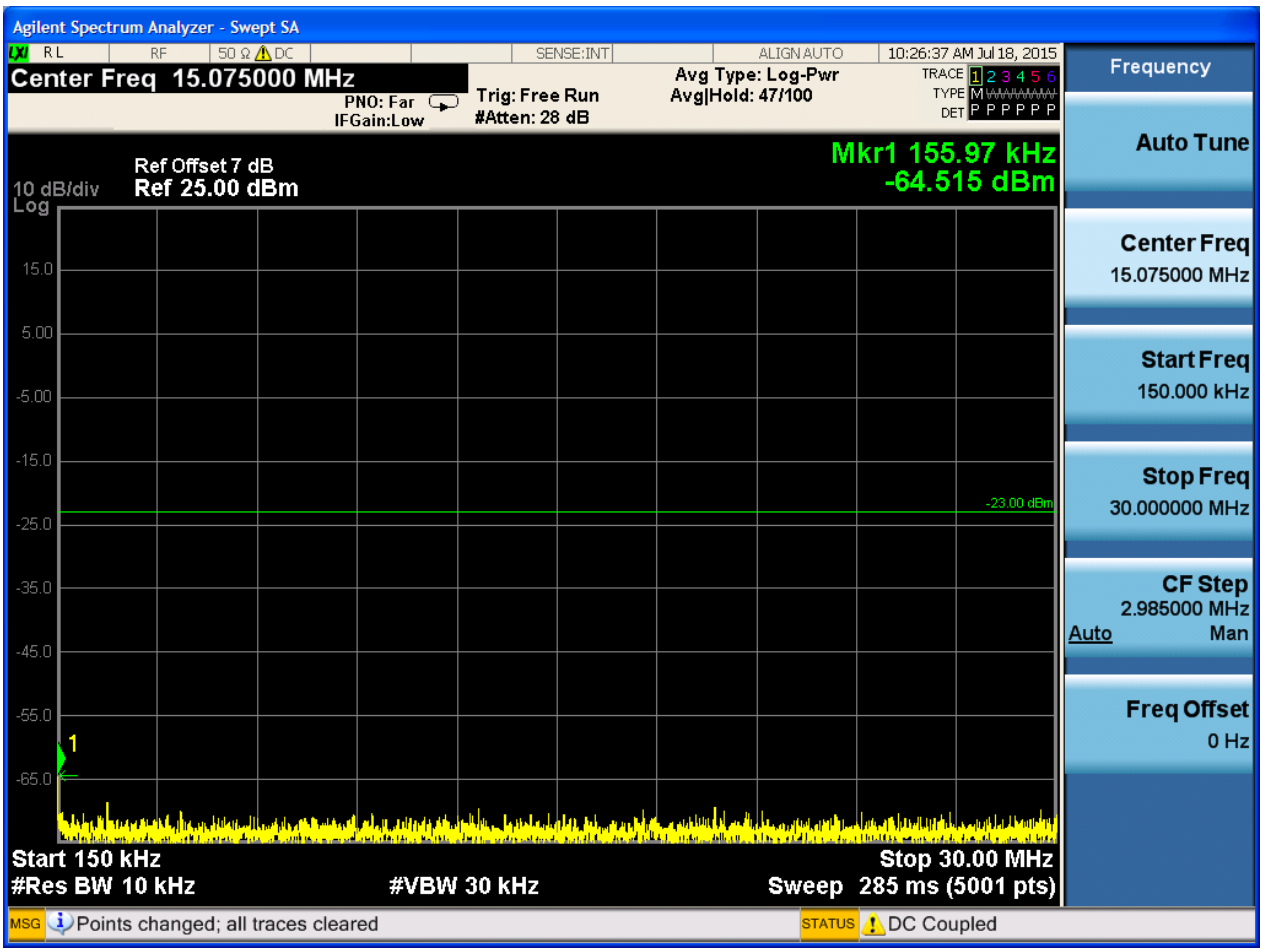
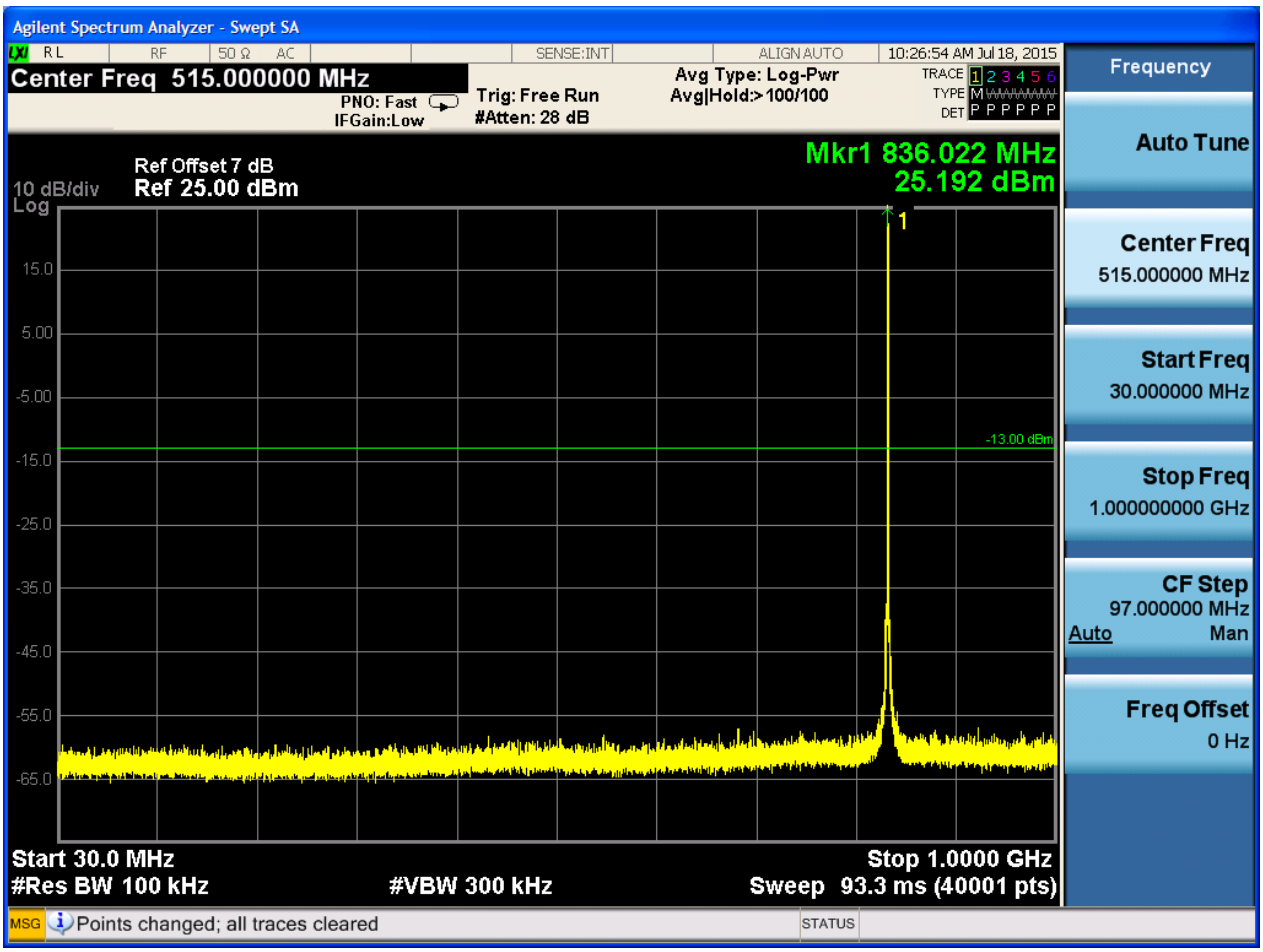

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Far
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 47/100
10:26:37 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 155.97 kHz
-64.515 dBm
-23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 ms (5001 pts)
Points changed; all traces cleared
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz



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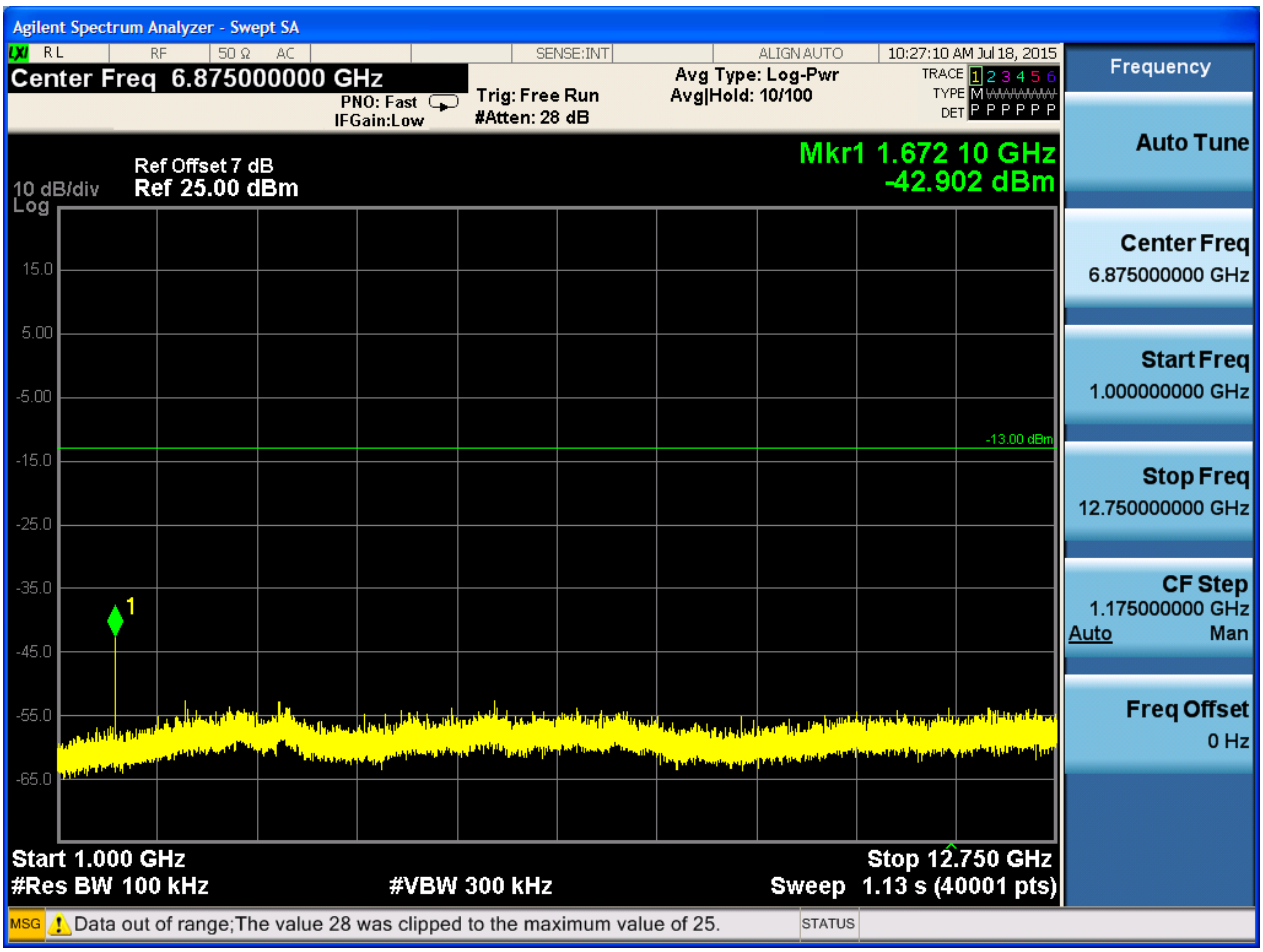

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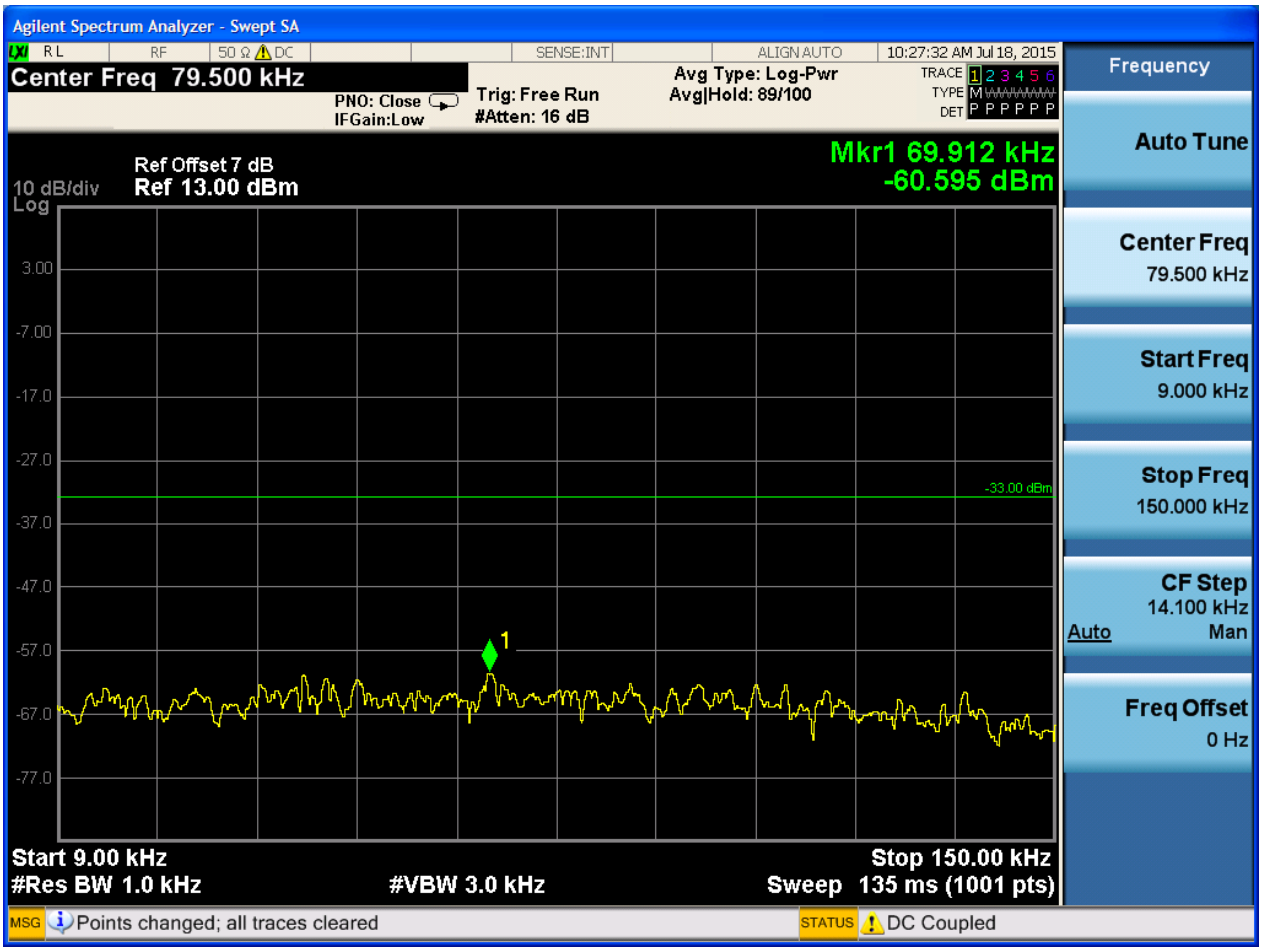
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0



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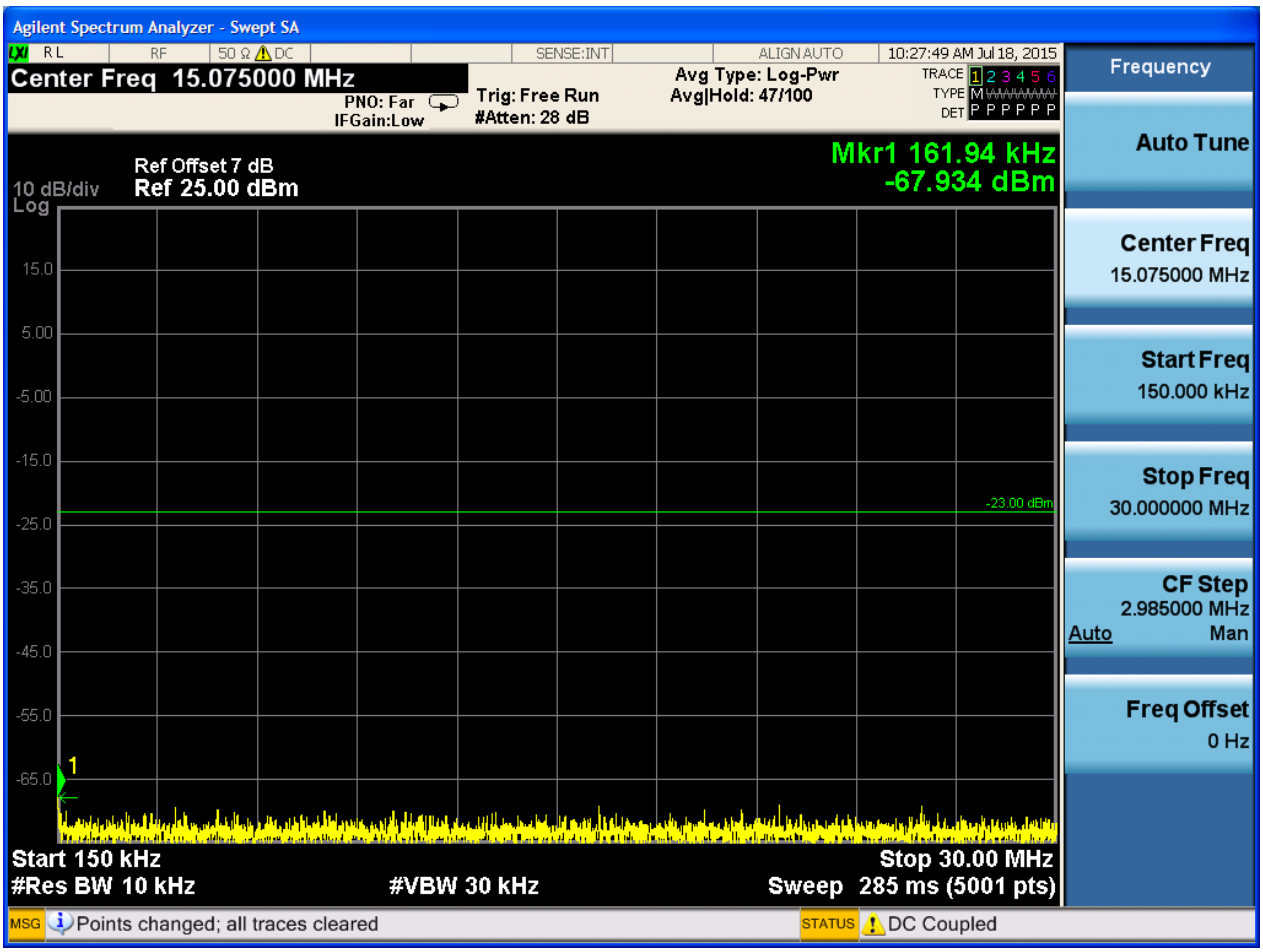

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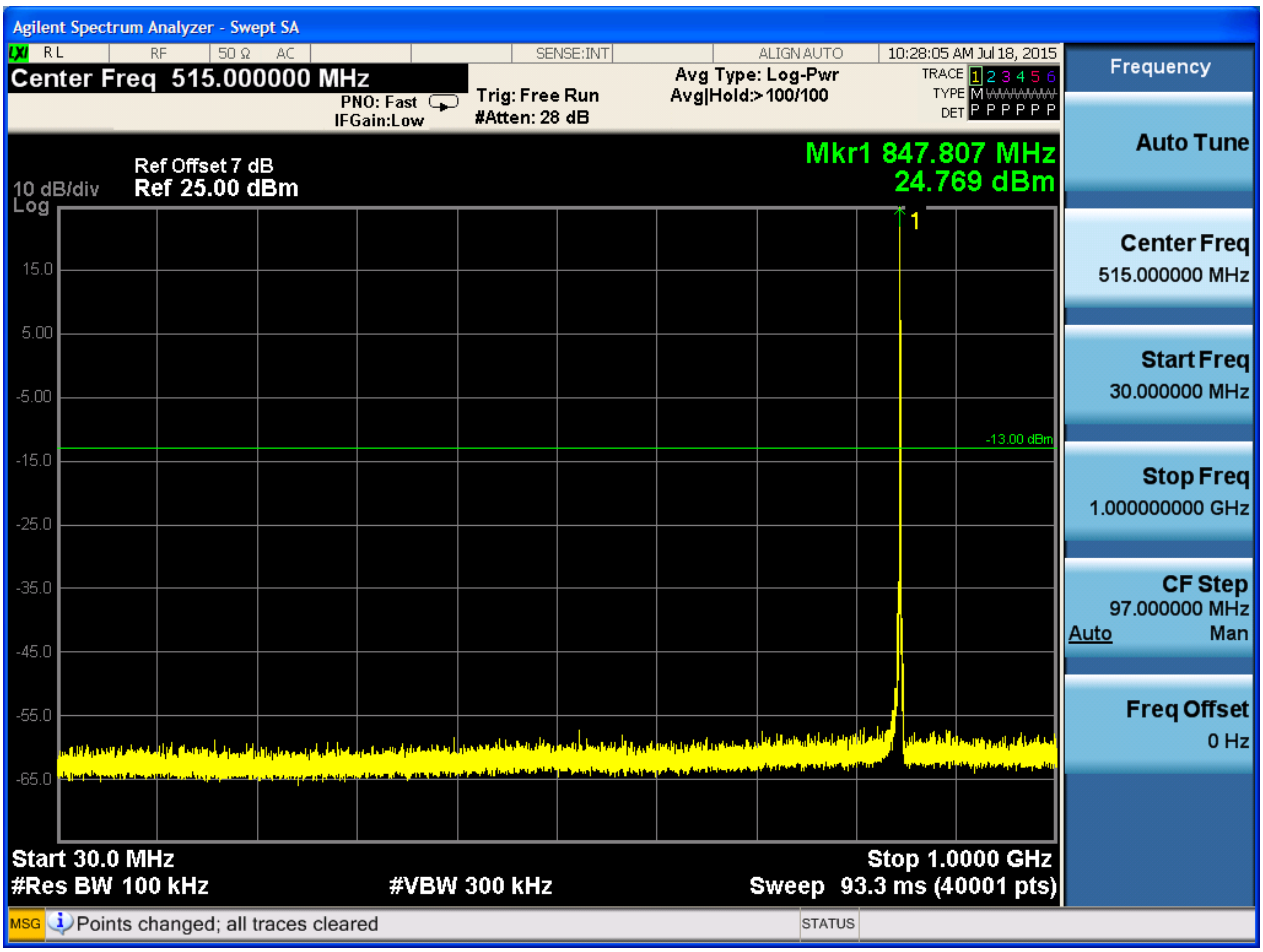
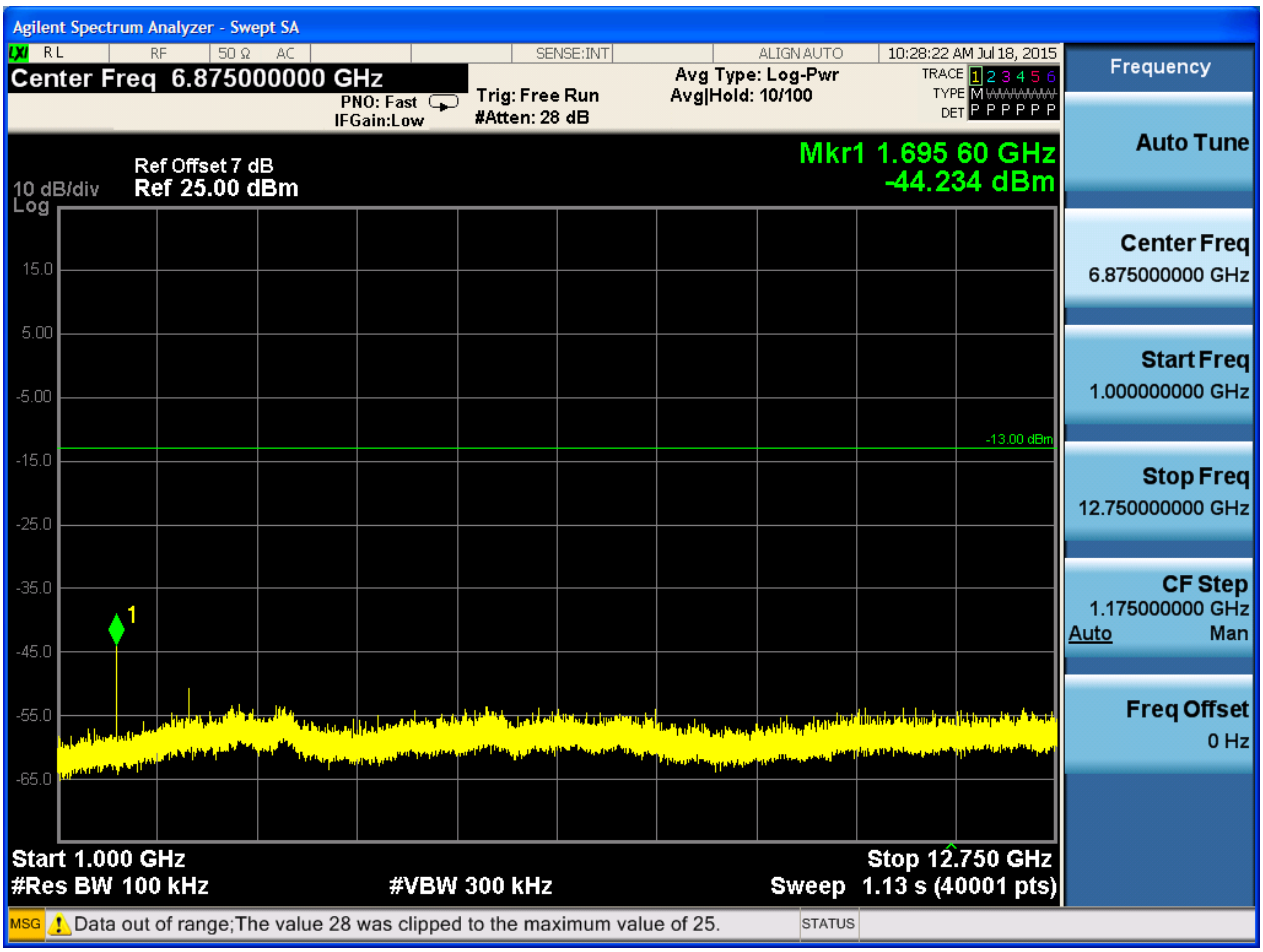

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:28:05 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 847.807 MHz
24.769 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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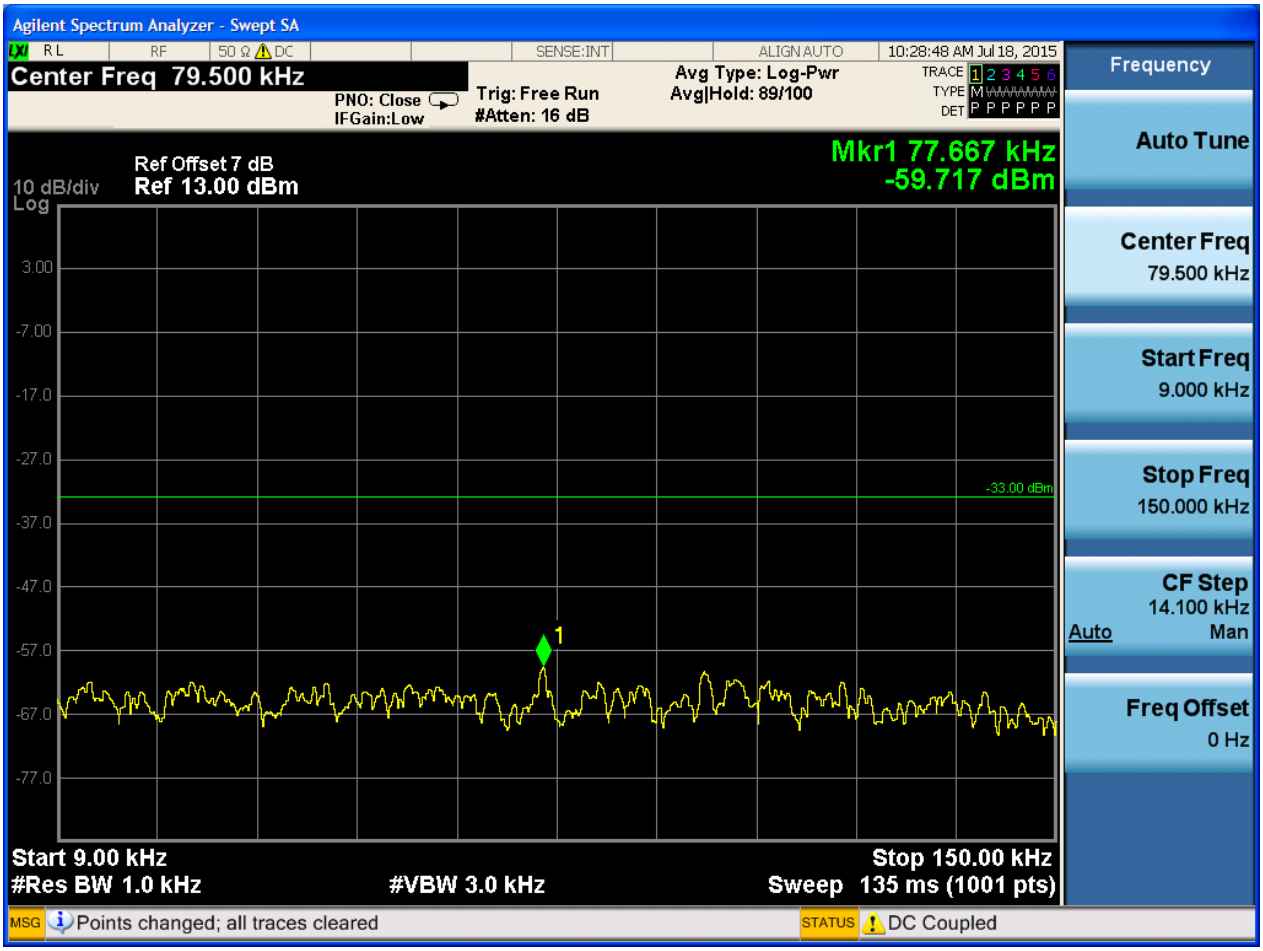
6.1.1.1.2 Test Bandwidth = 3

6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



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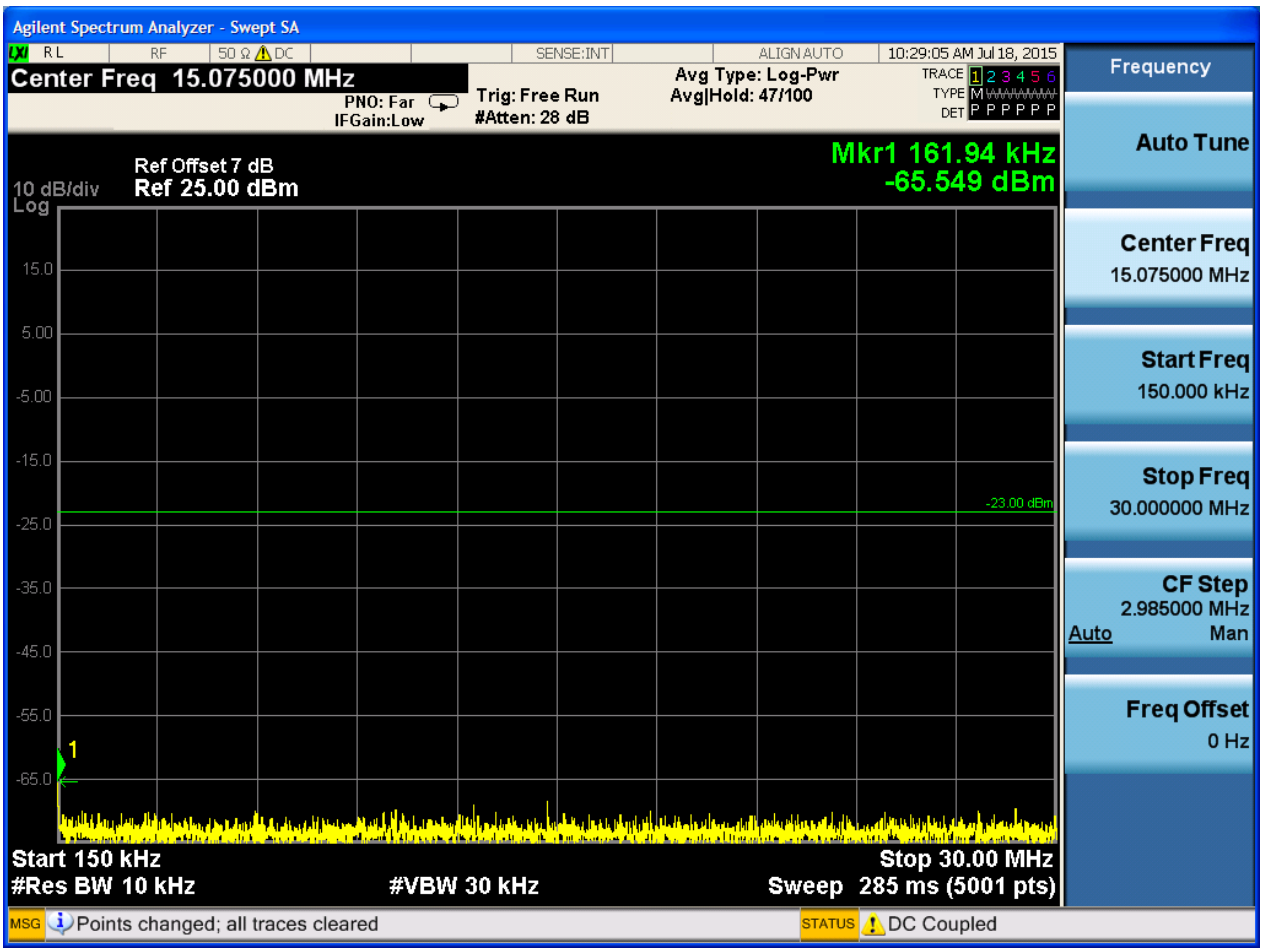

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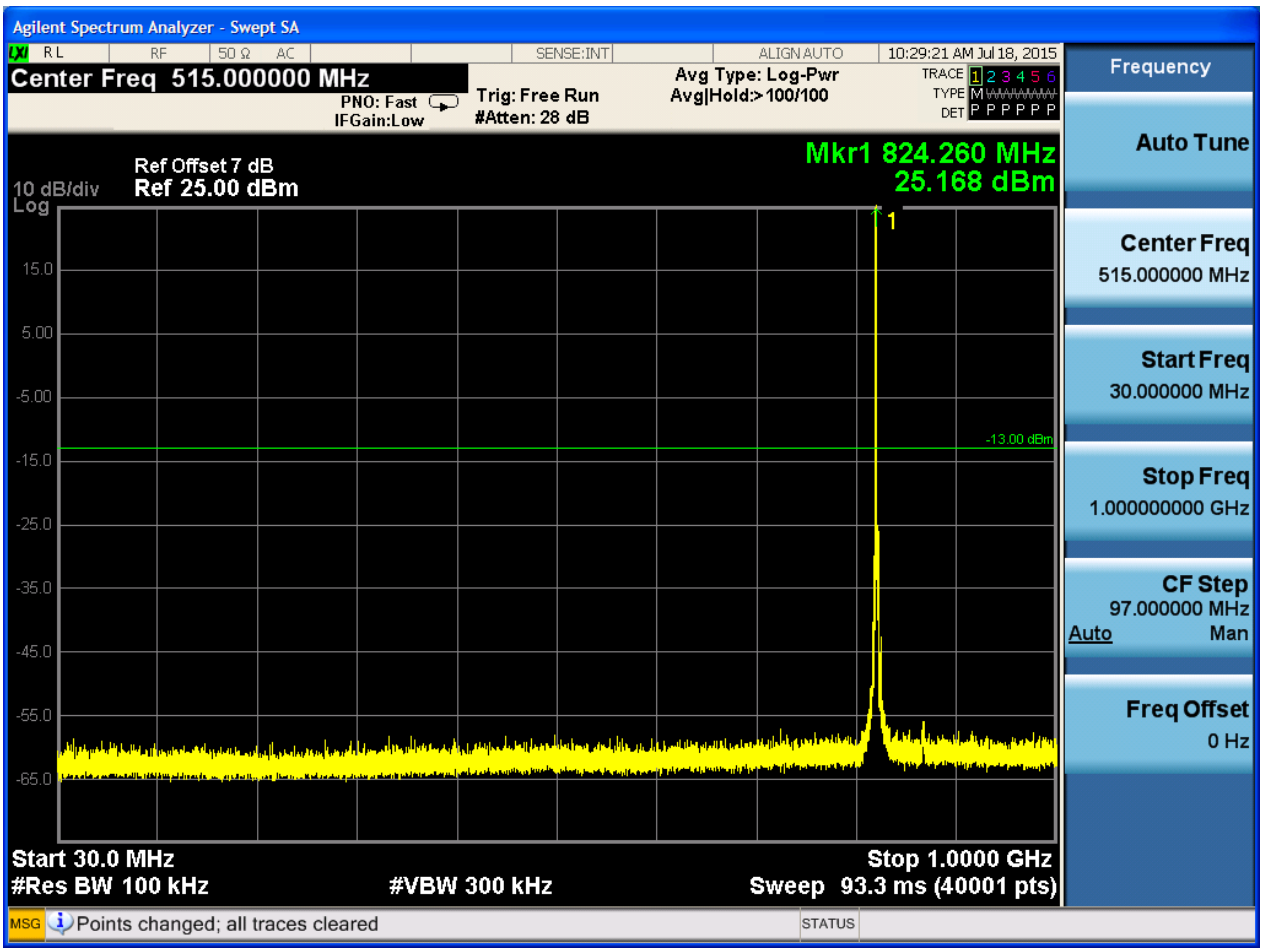
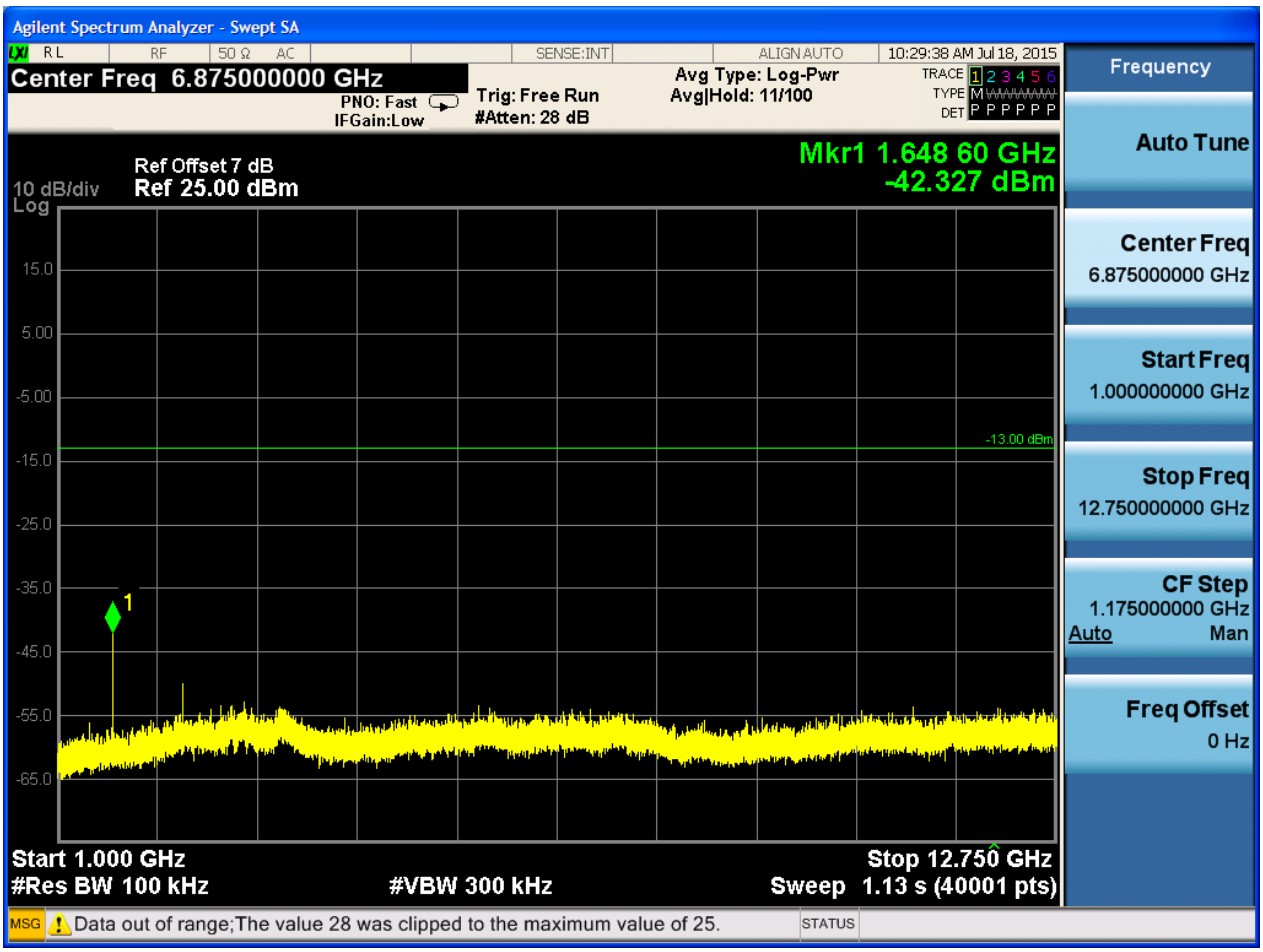

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:29:21 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 824.260 MHz
25.168 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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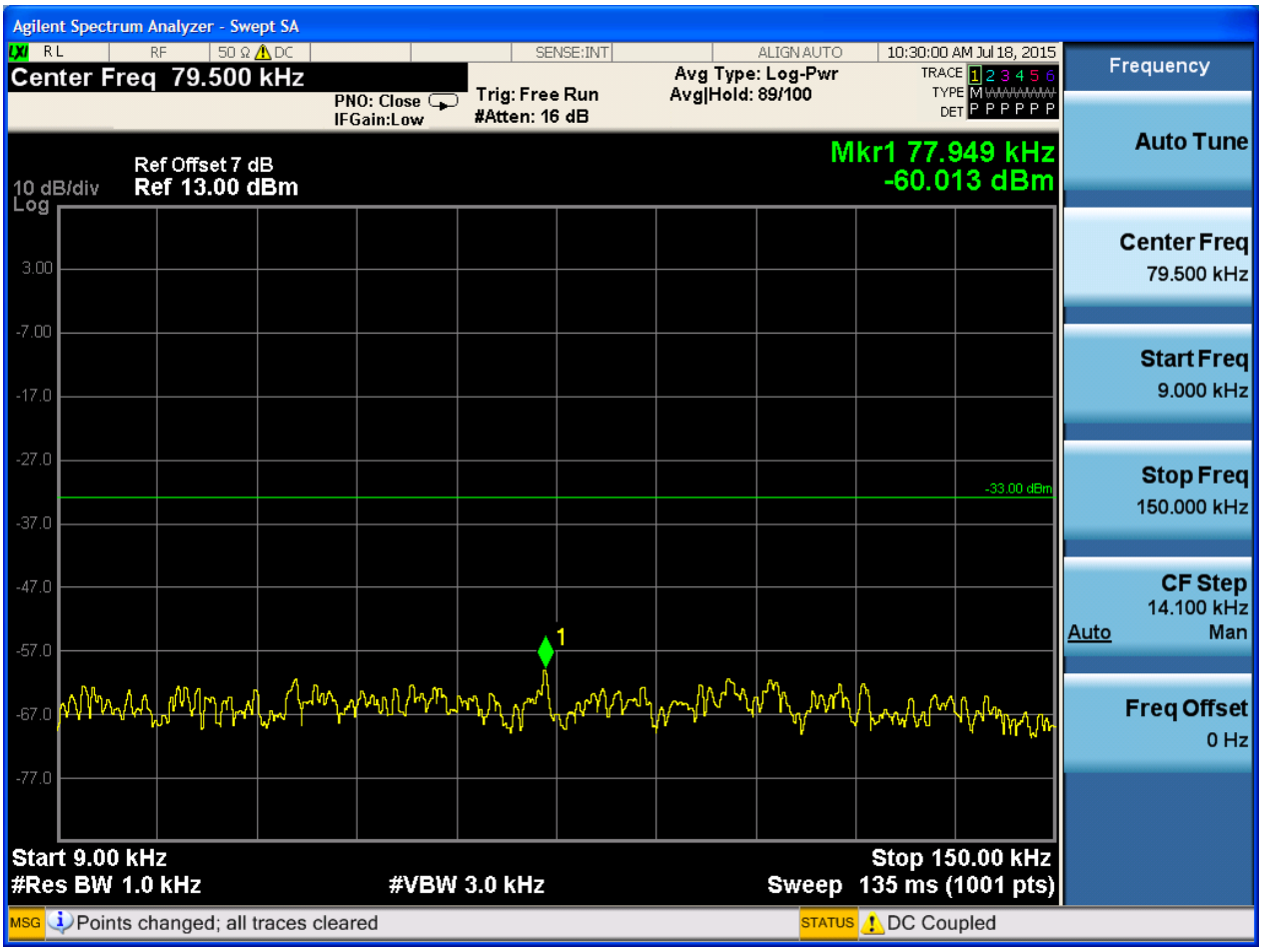
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



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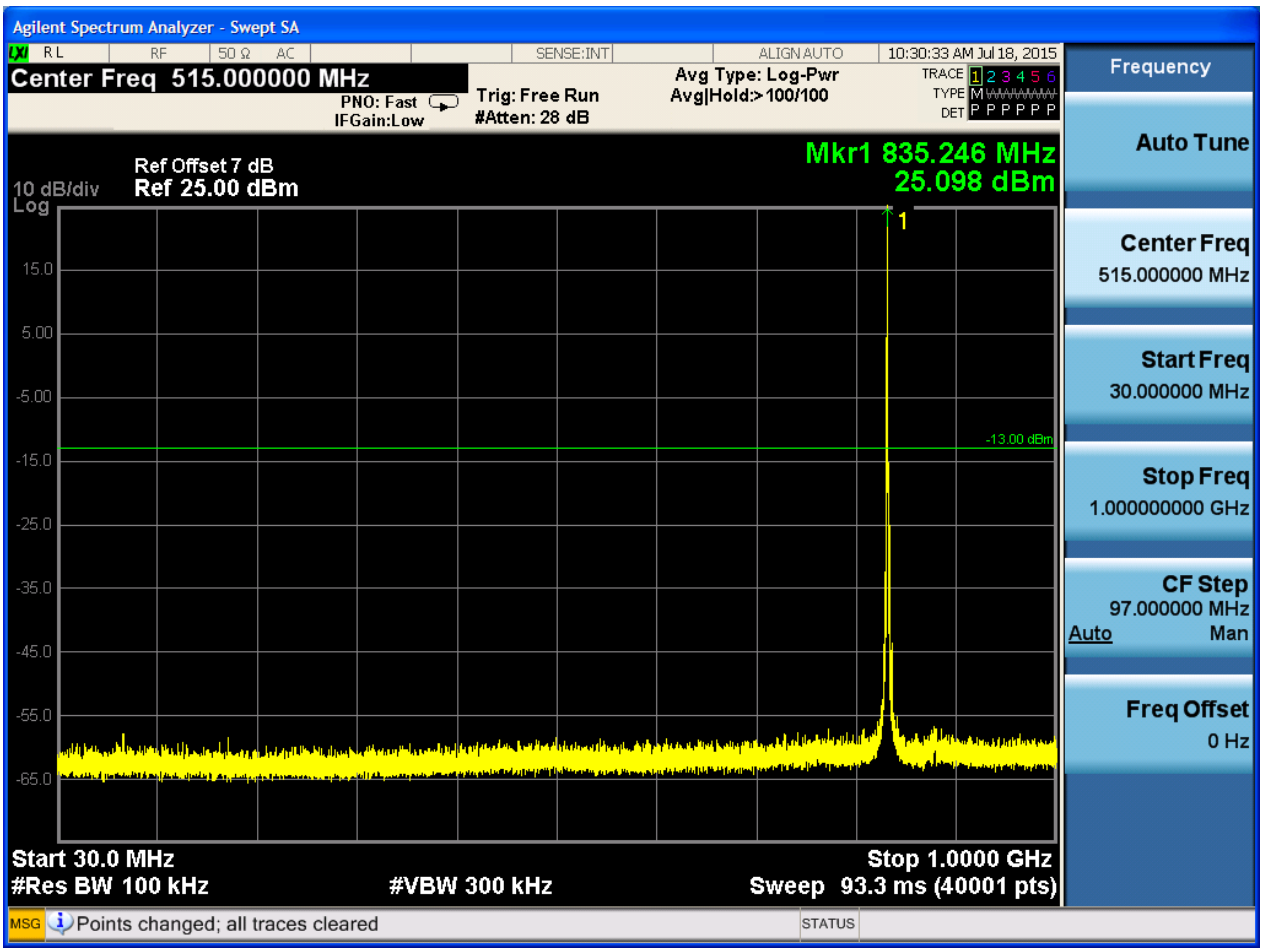
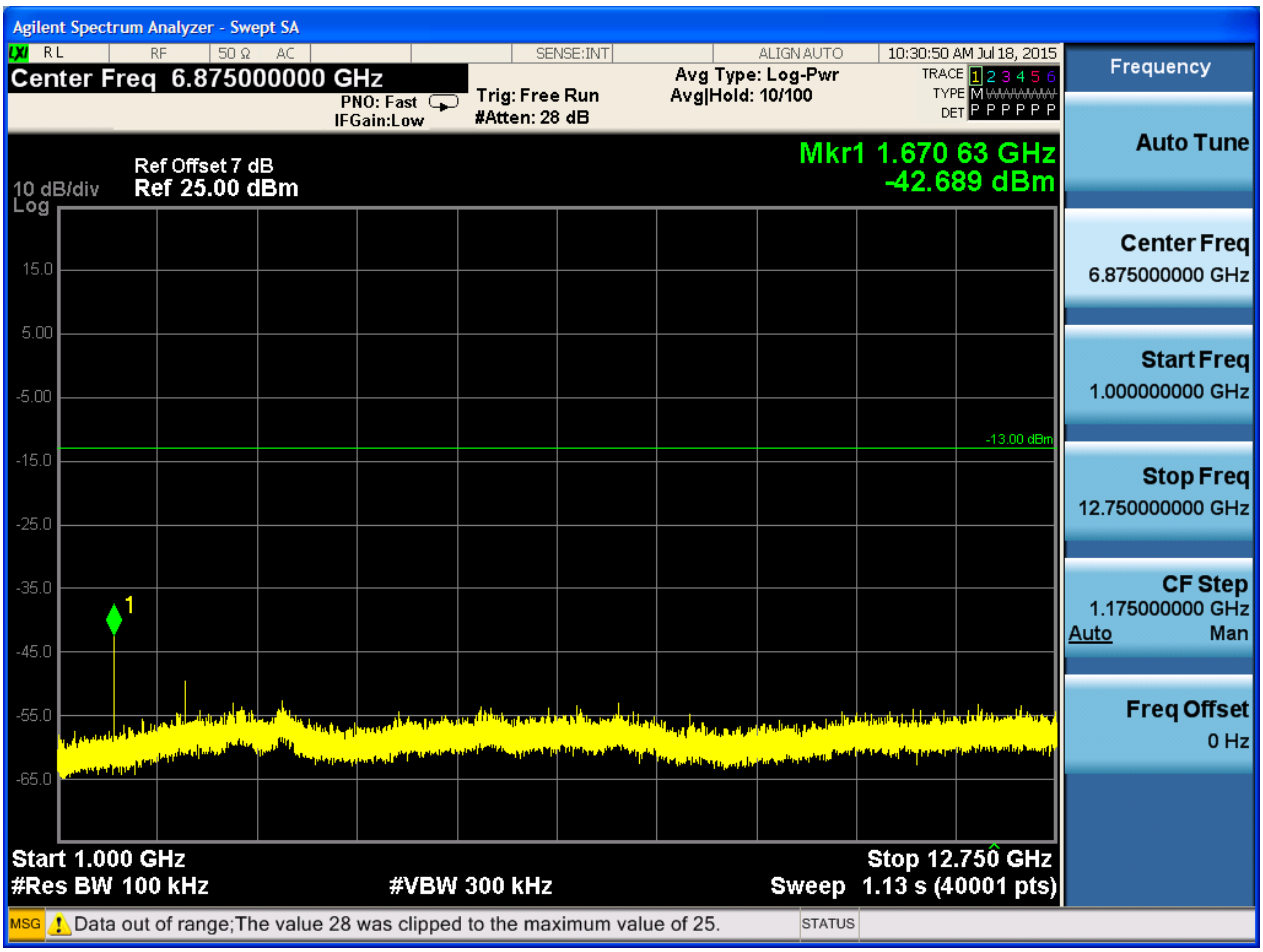

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:30:33 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 835.246 MHz
25.098 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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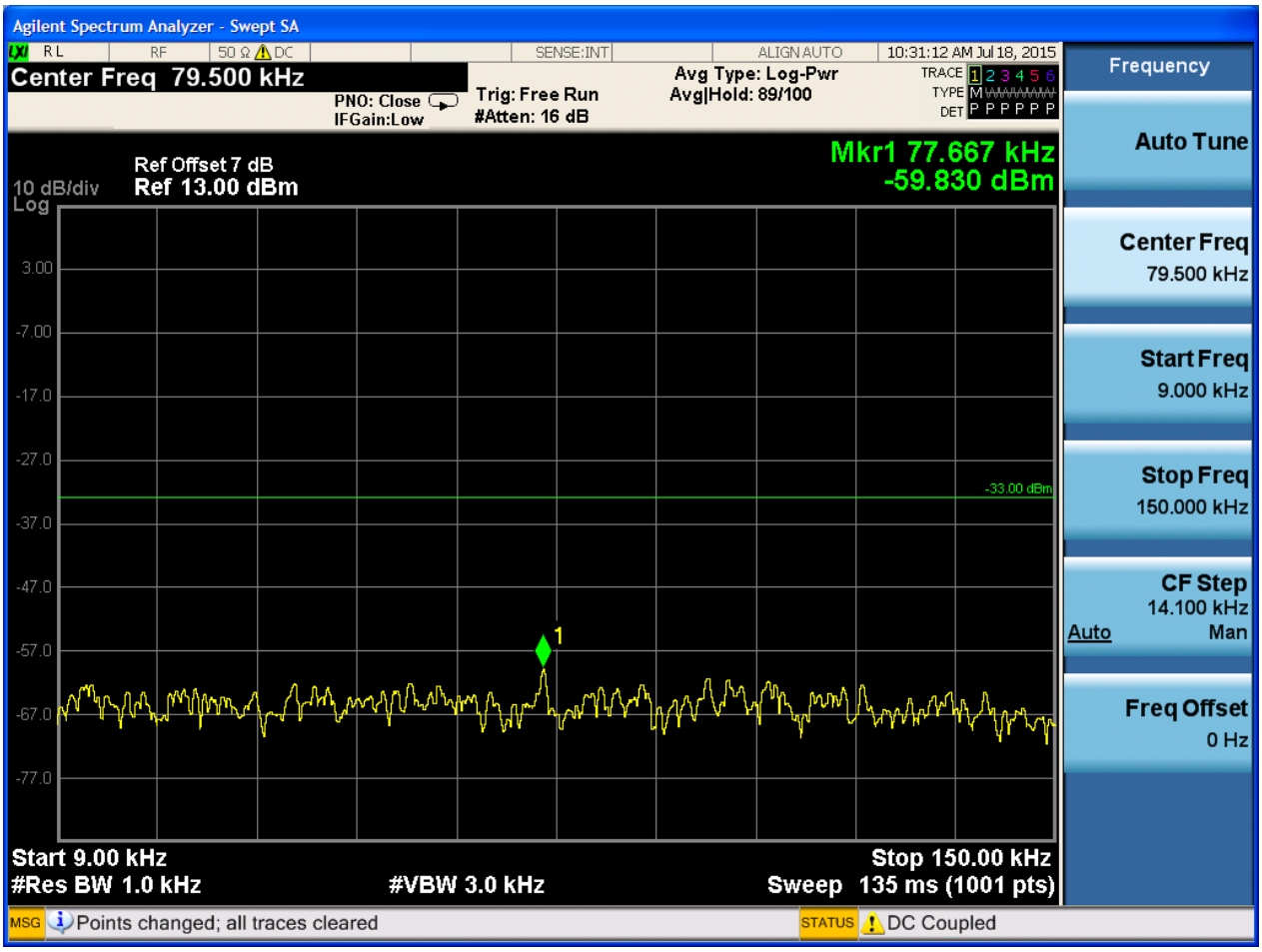
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0



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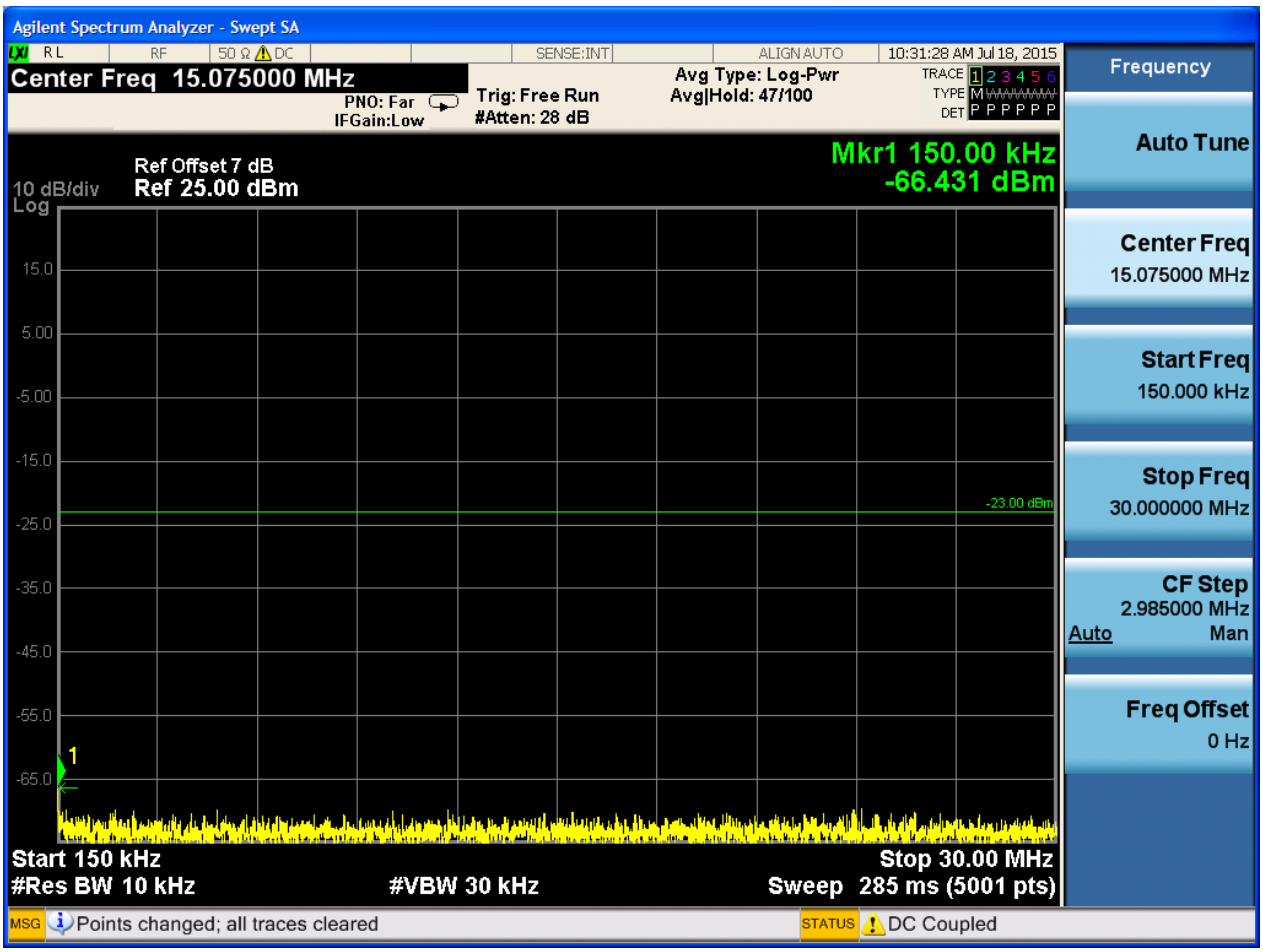

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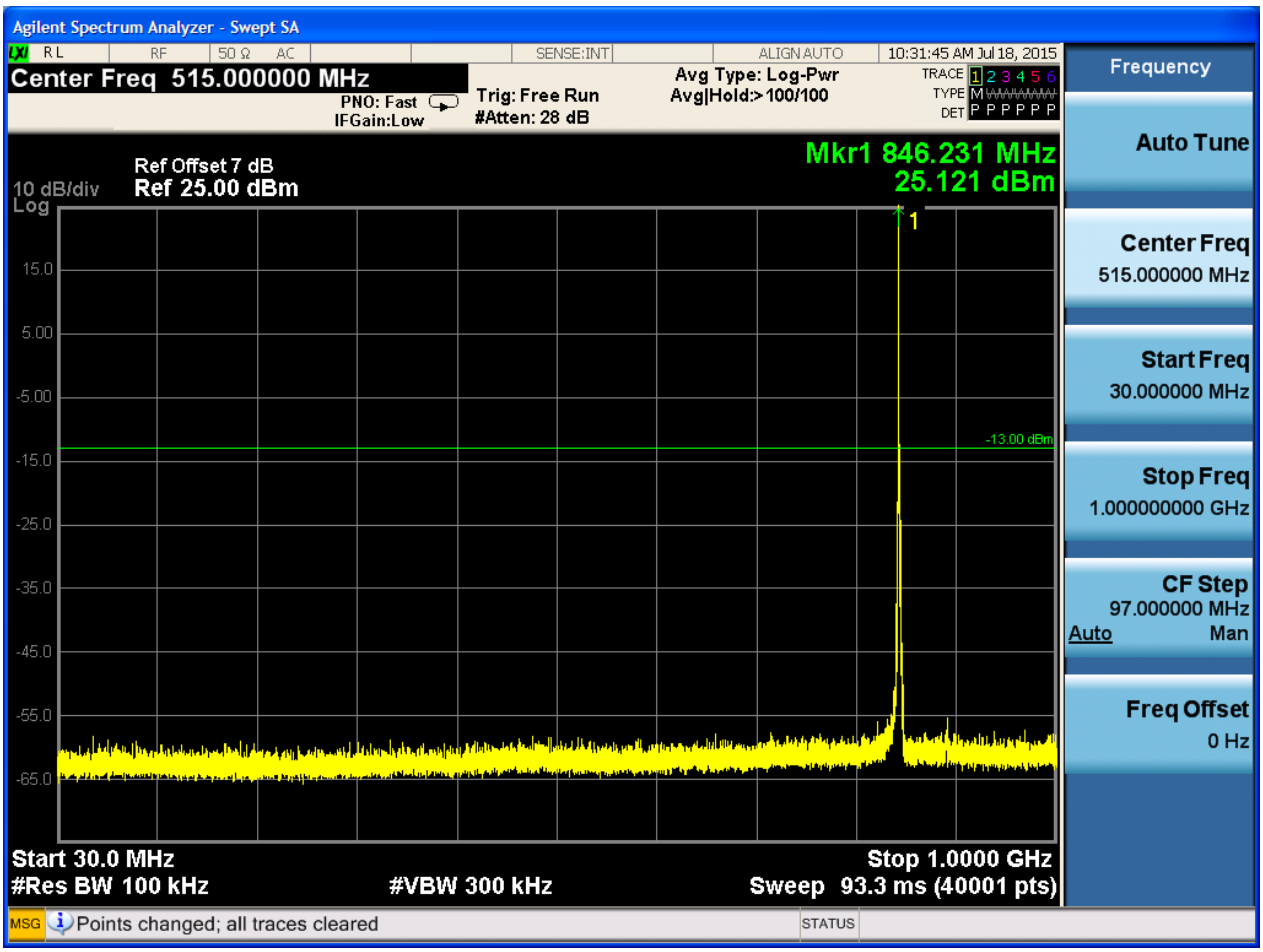

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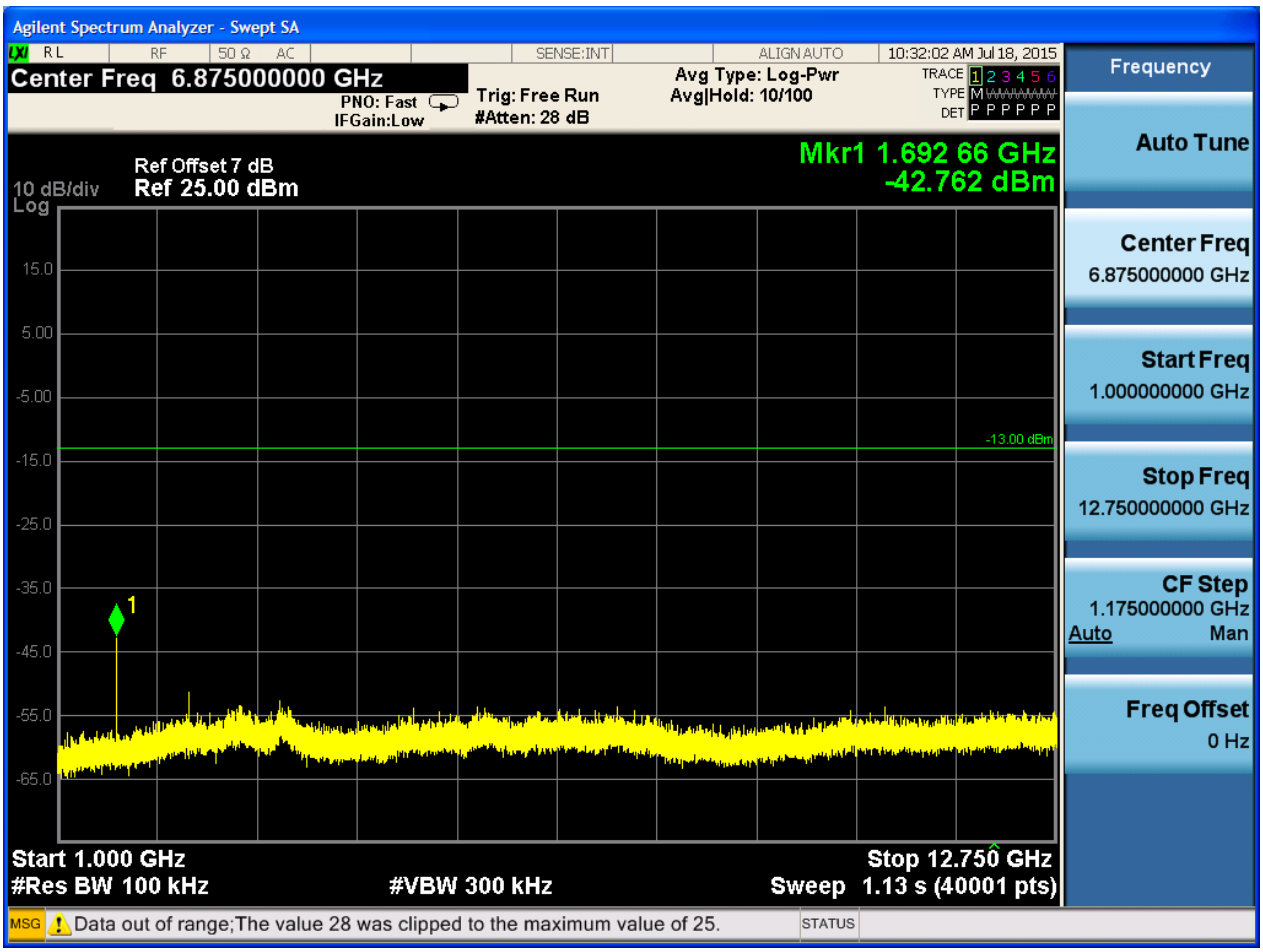

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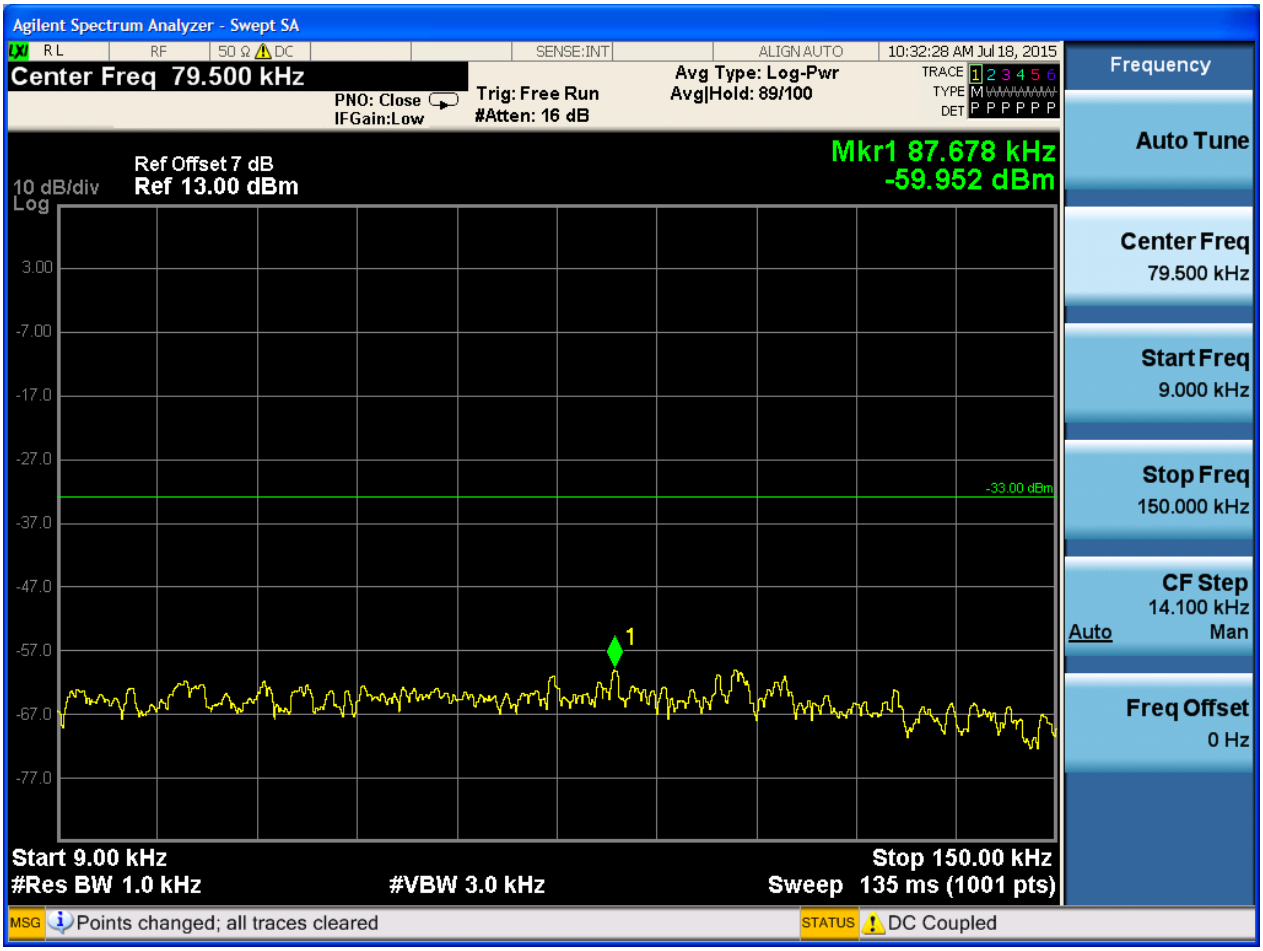
6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



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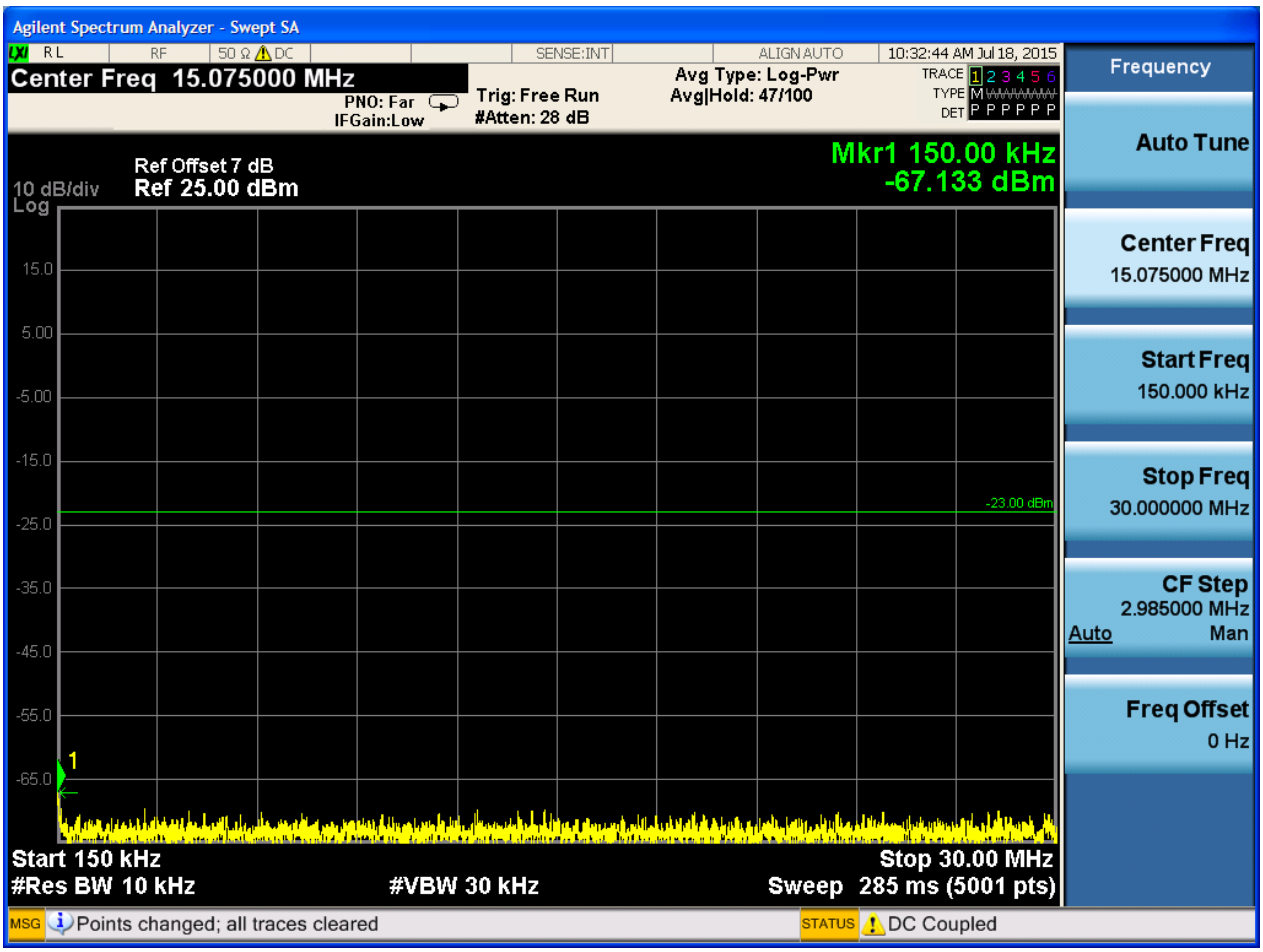

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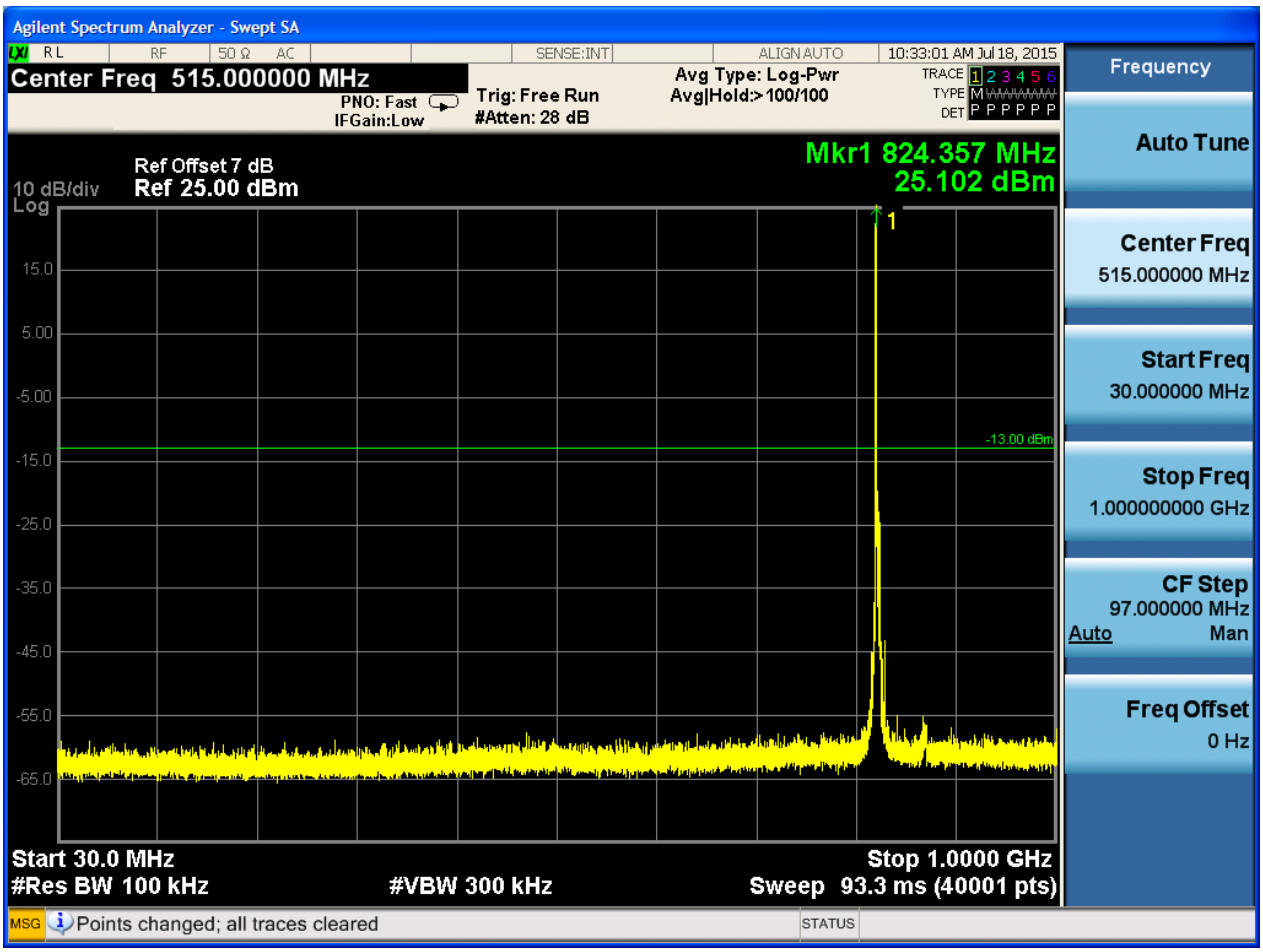
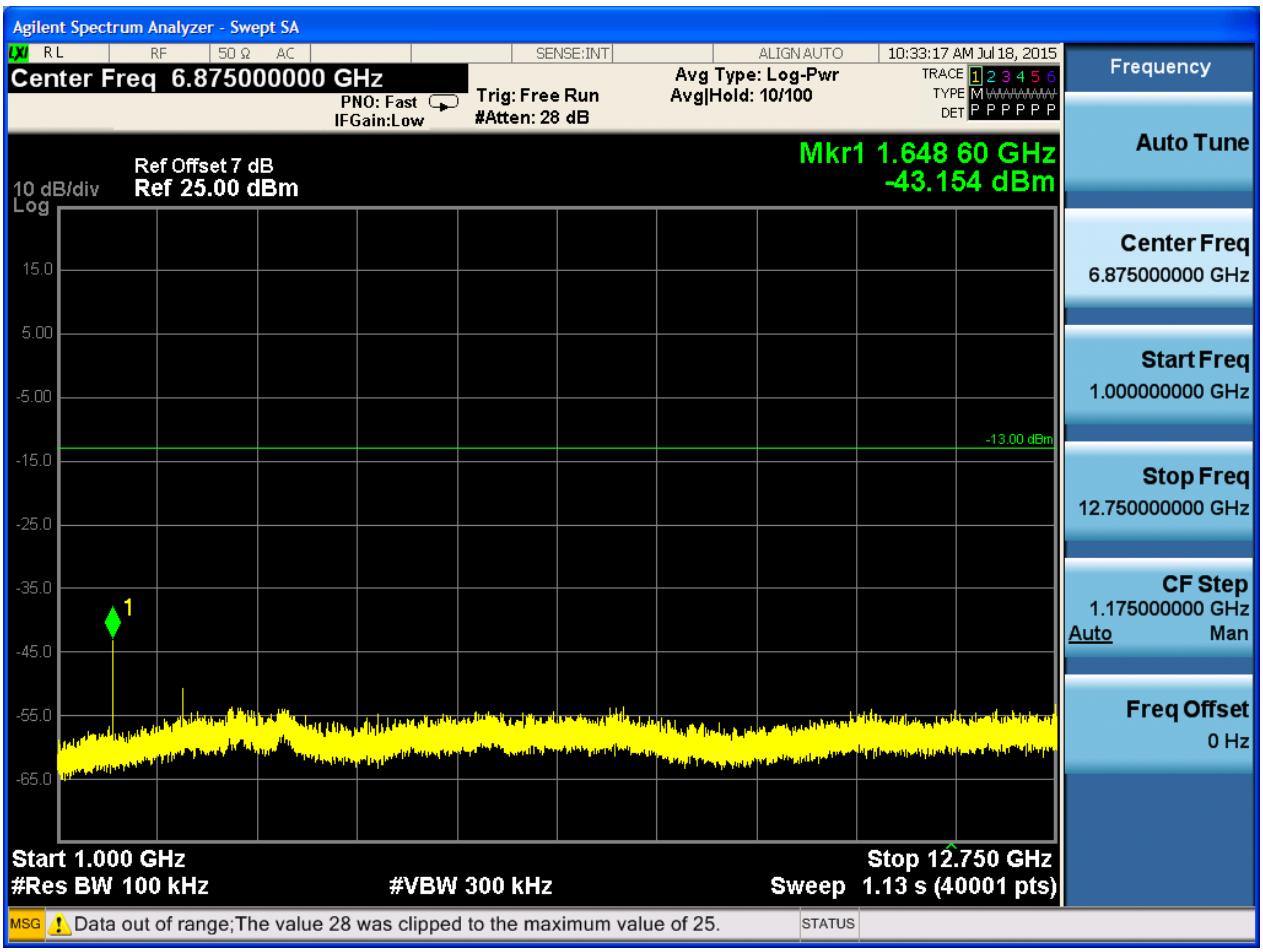

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:33:01 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 824.357 MHz
25.102 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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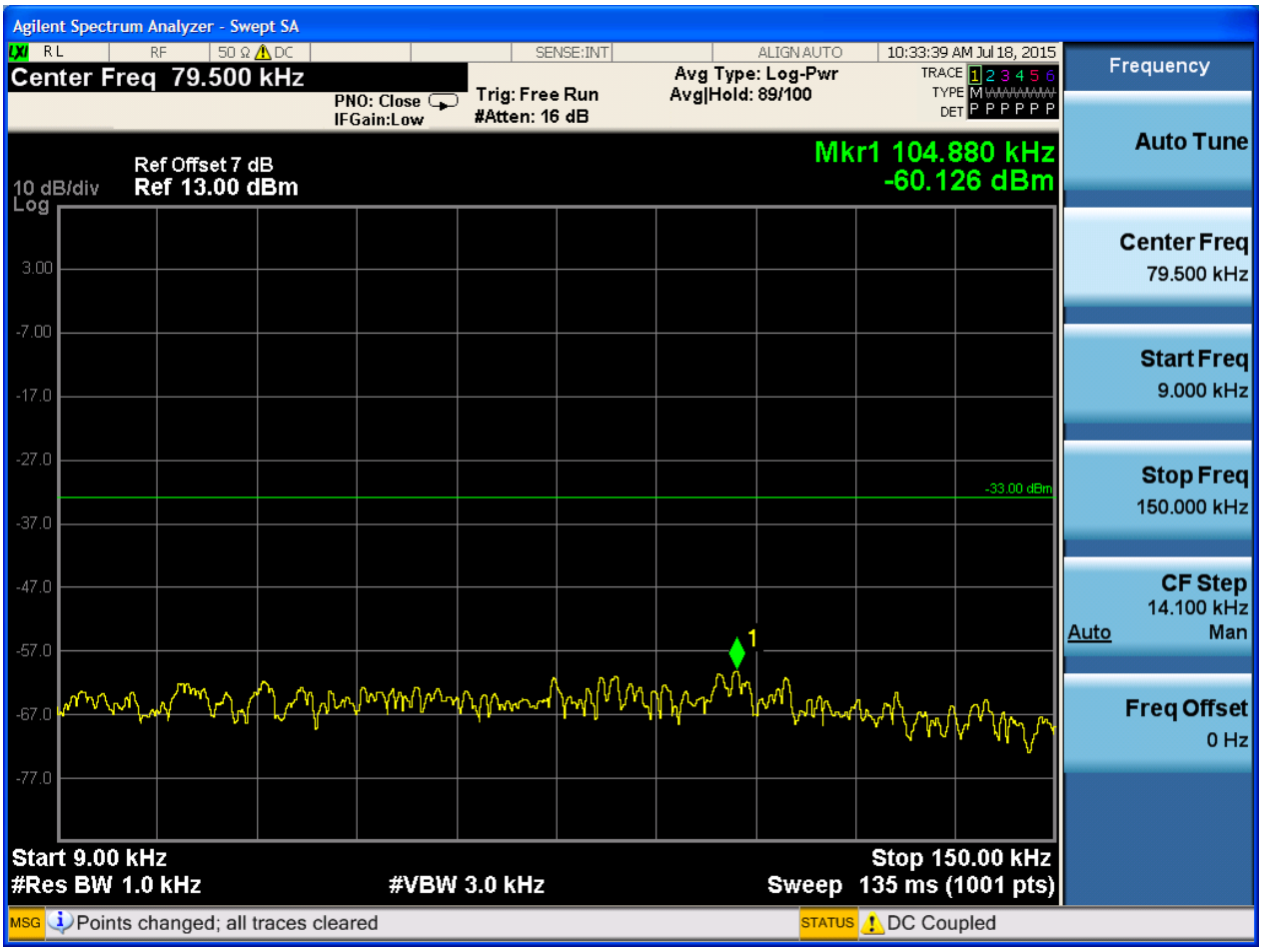
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



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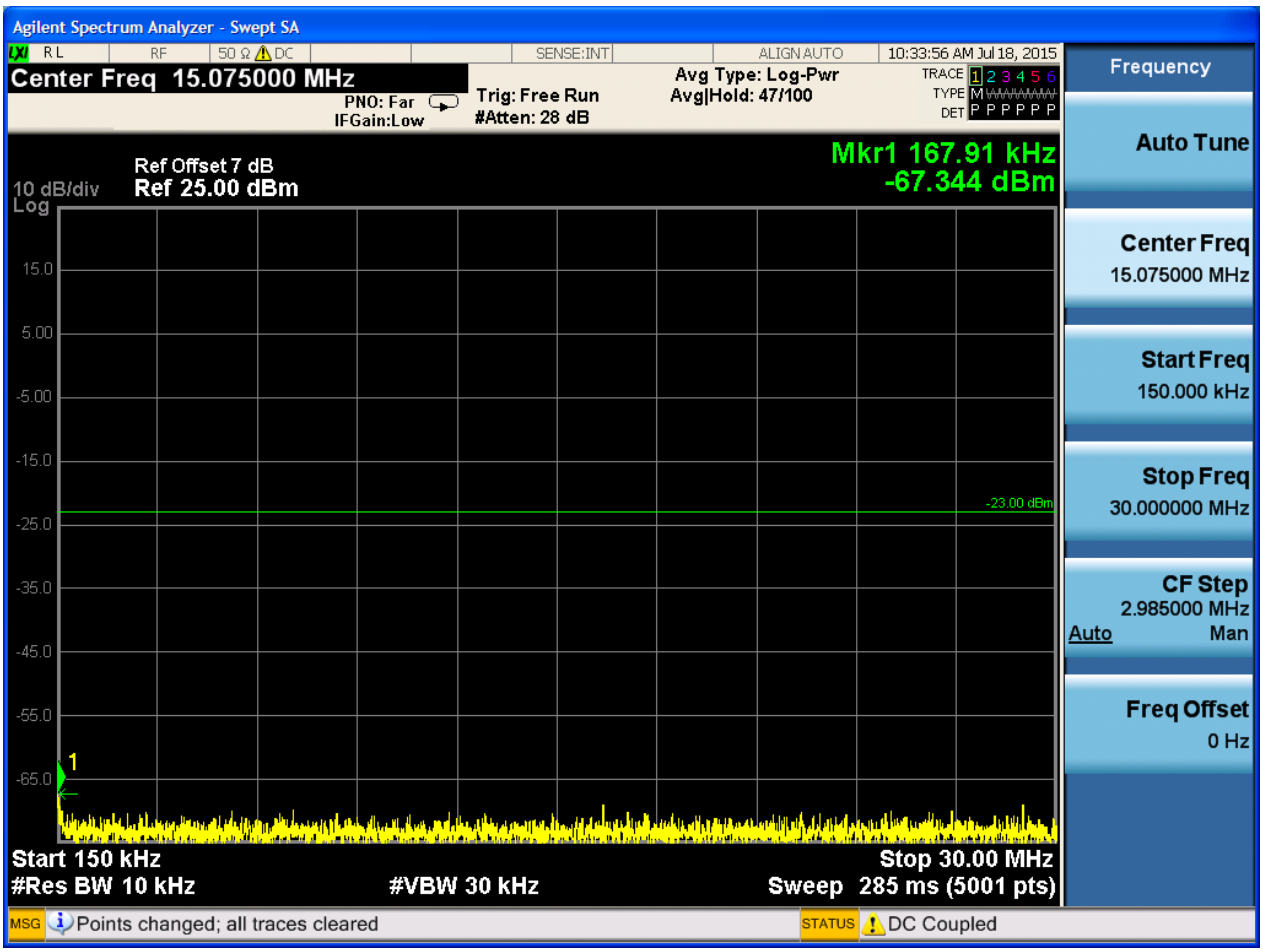

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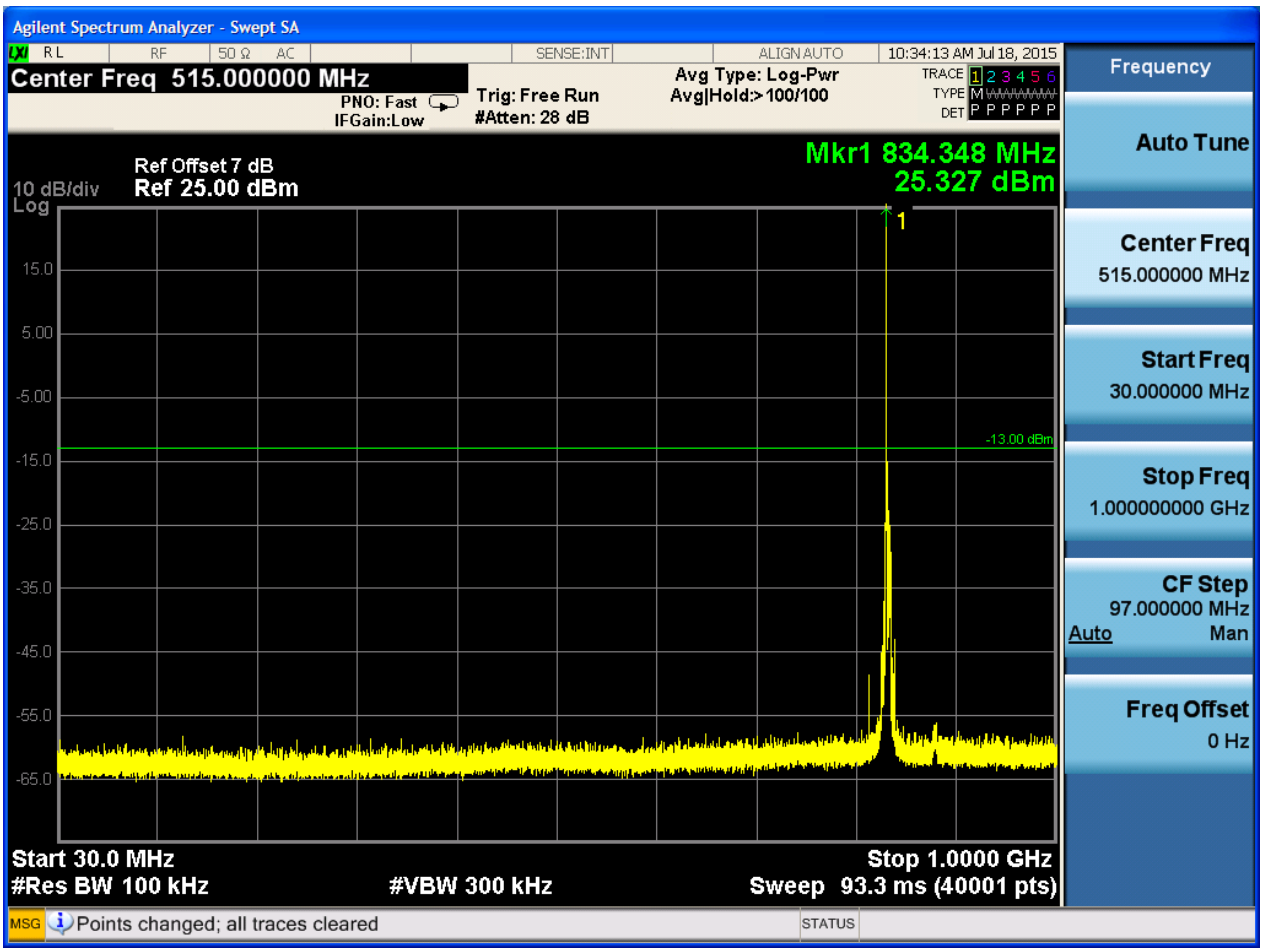

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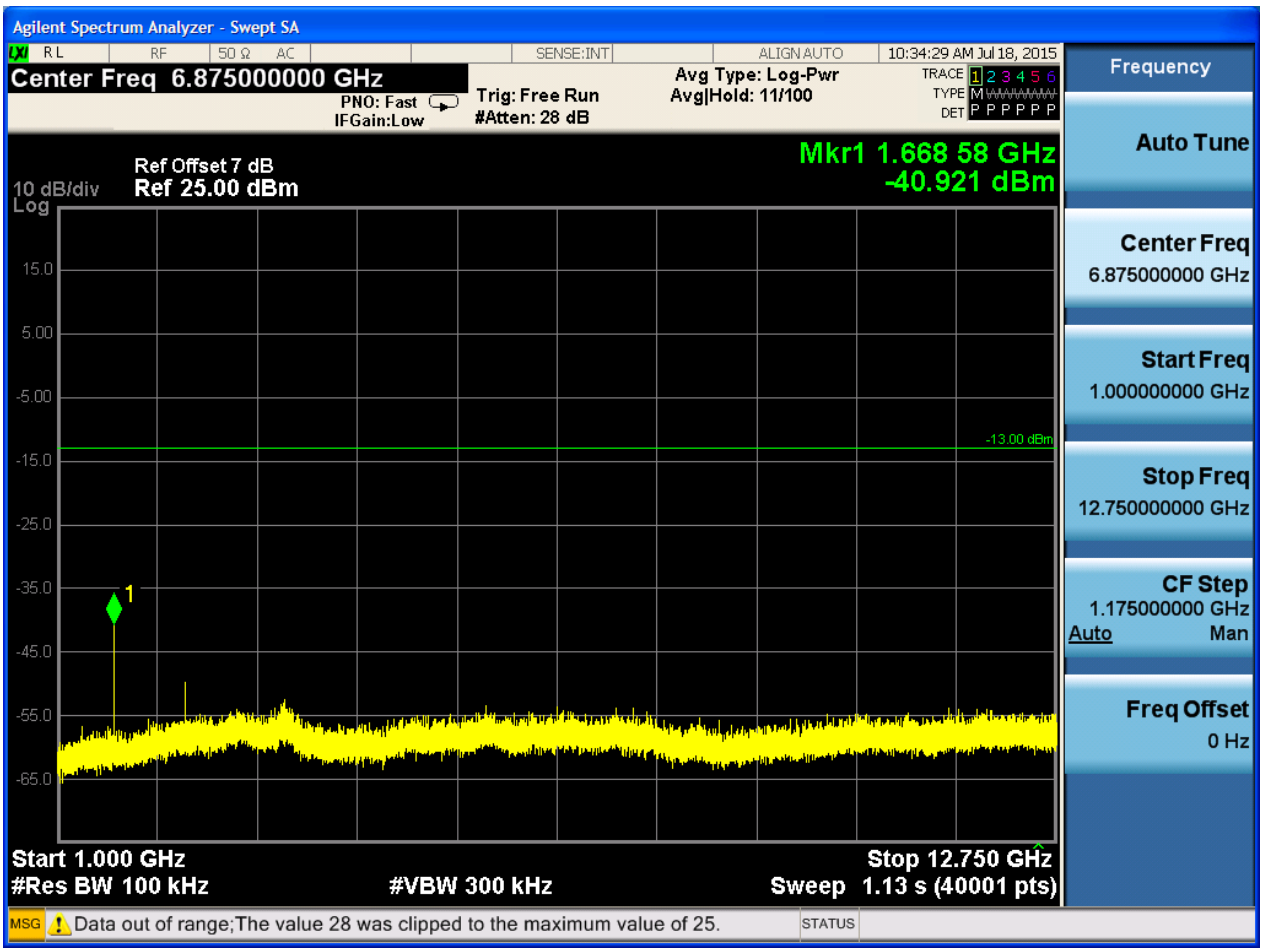

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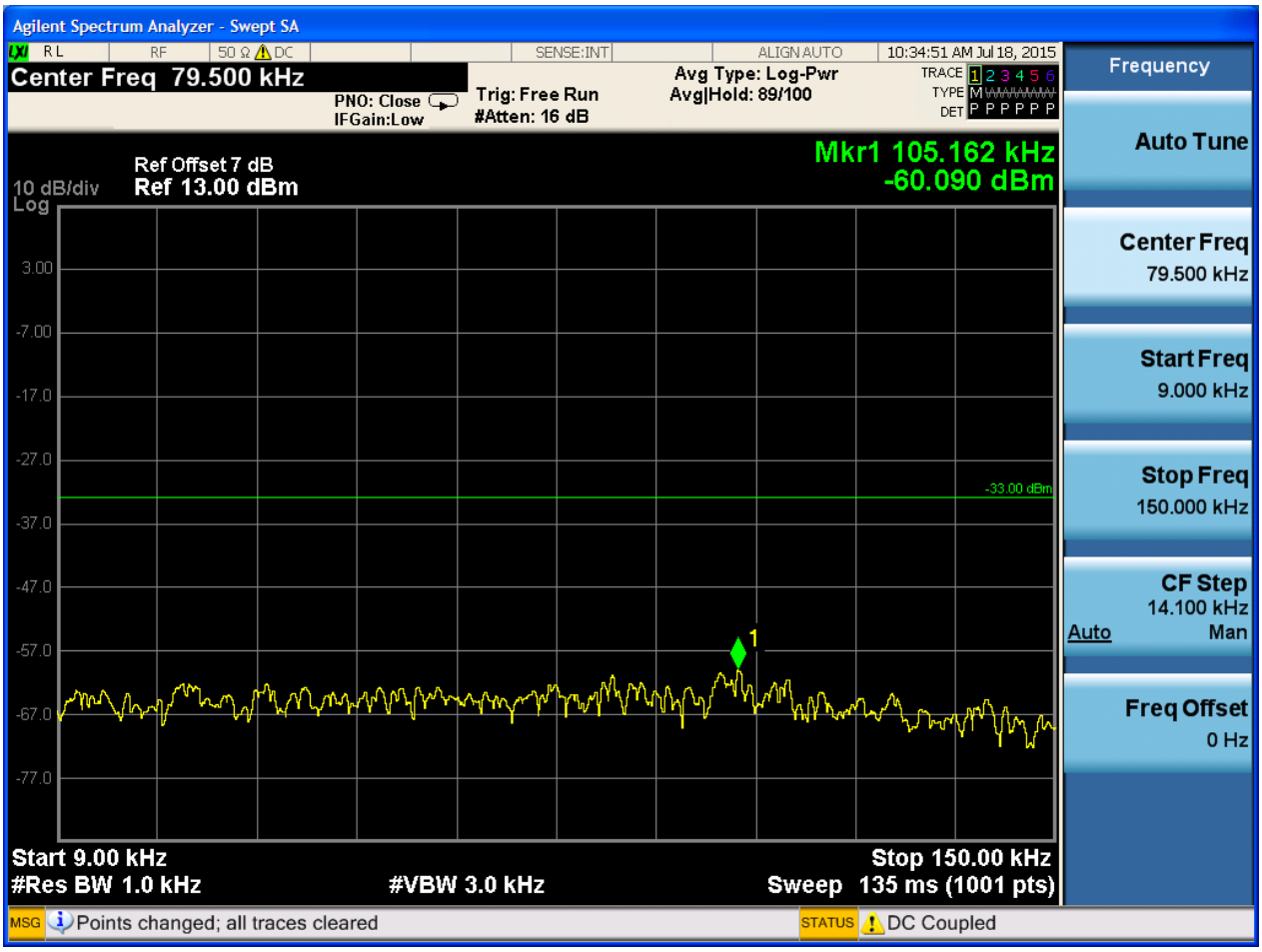
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0



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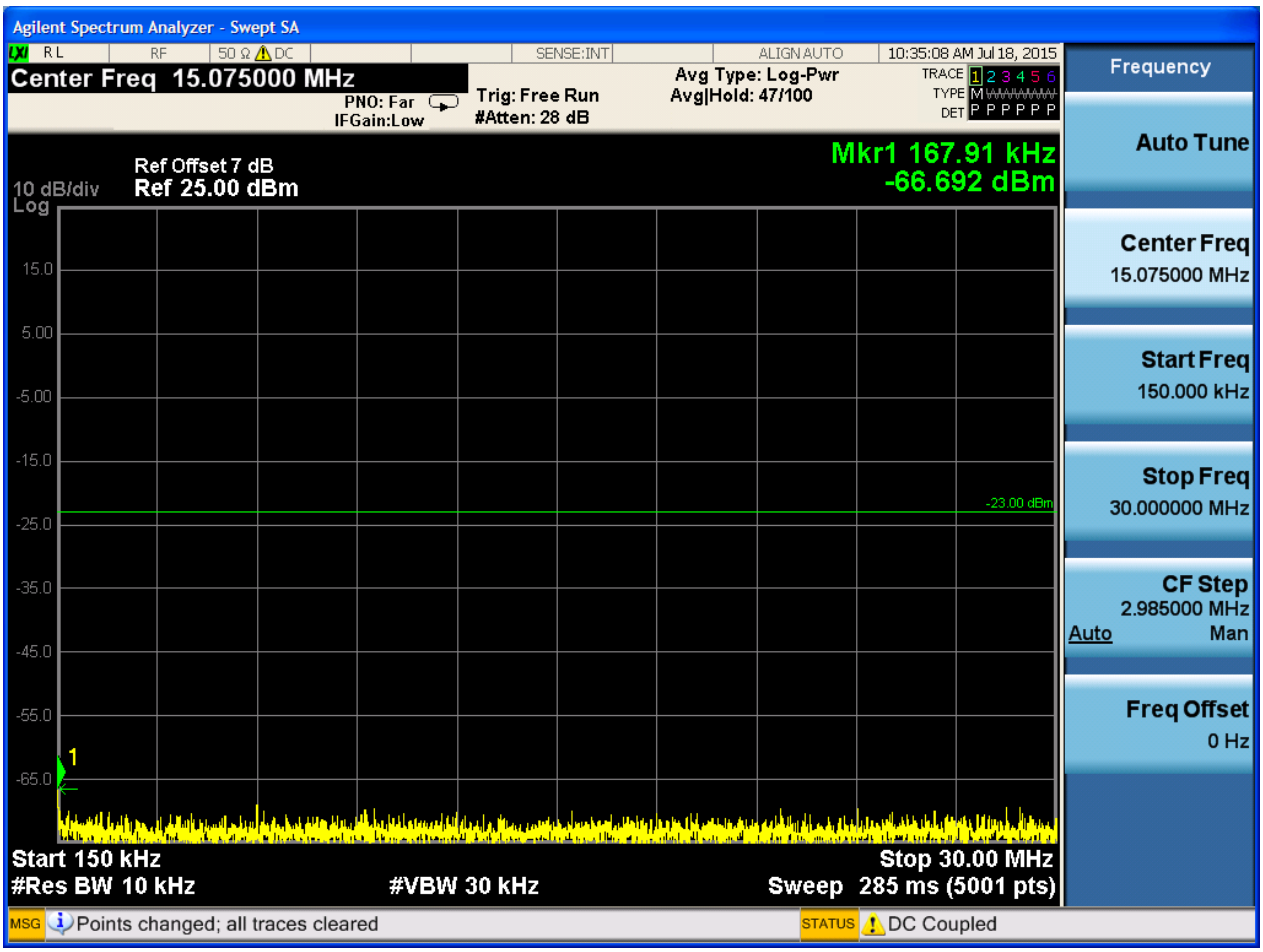

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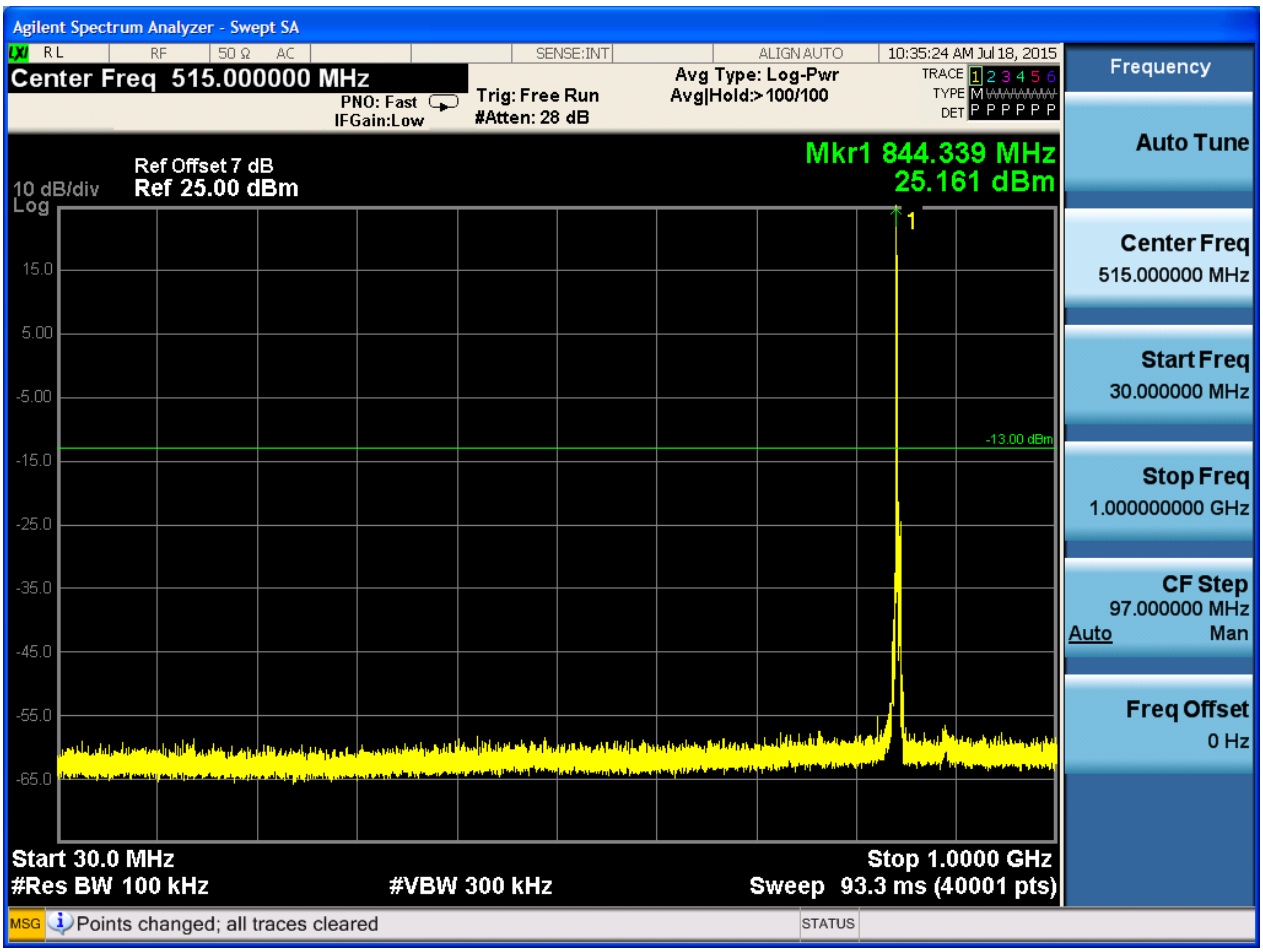
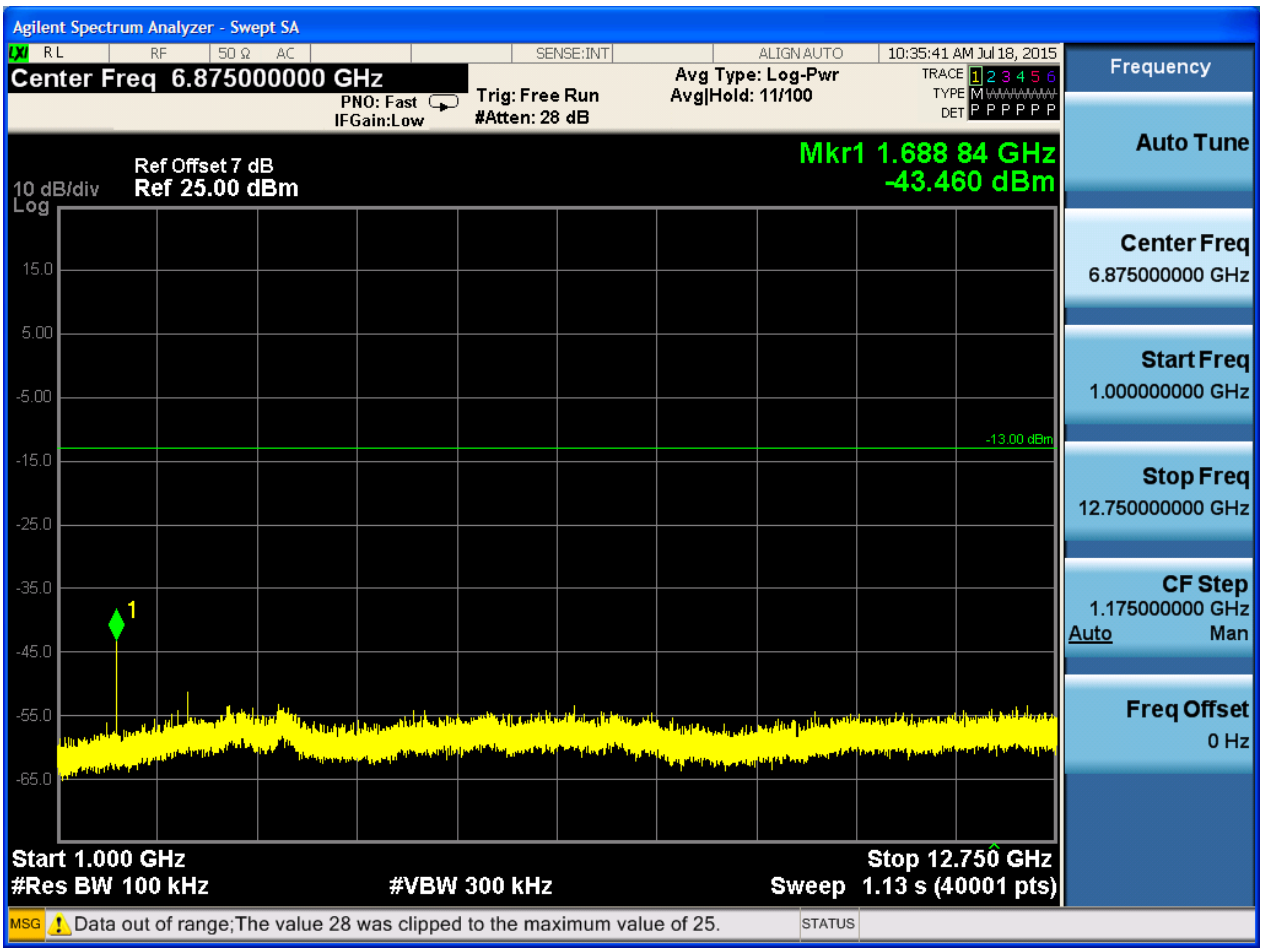

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:35:24 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 844.339 MHz
25.161 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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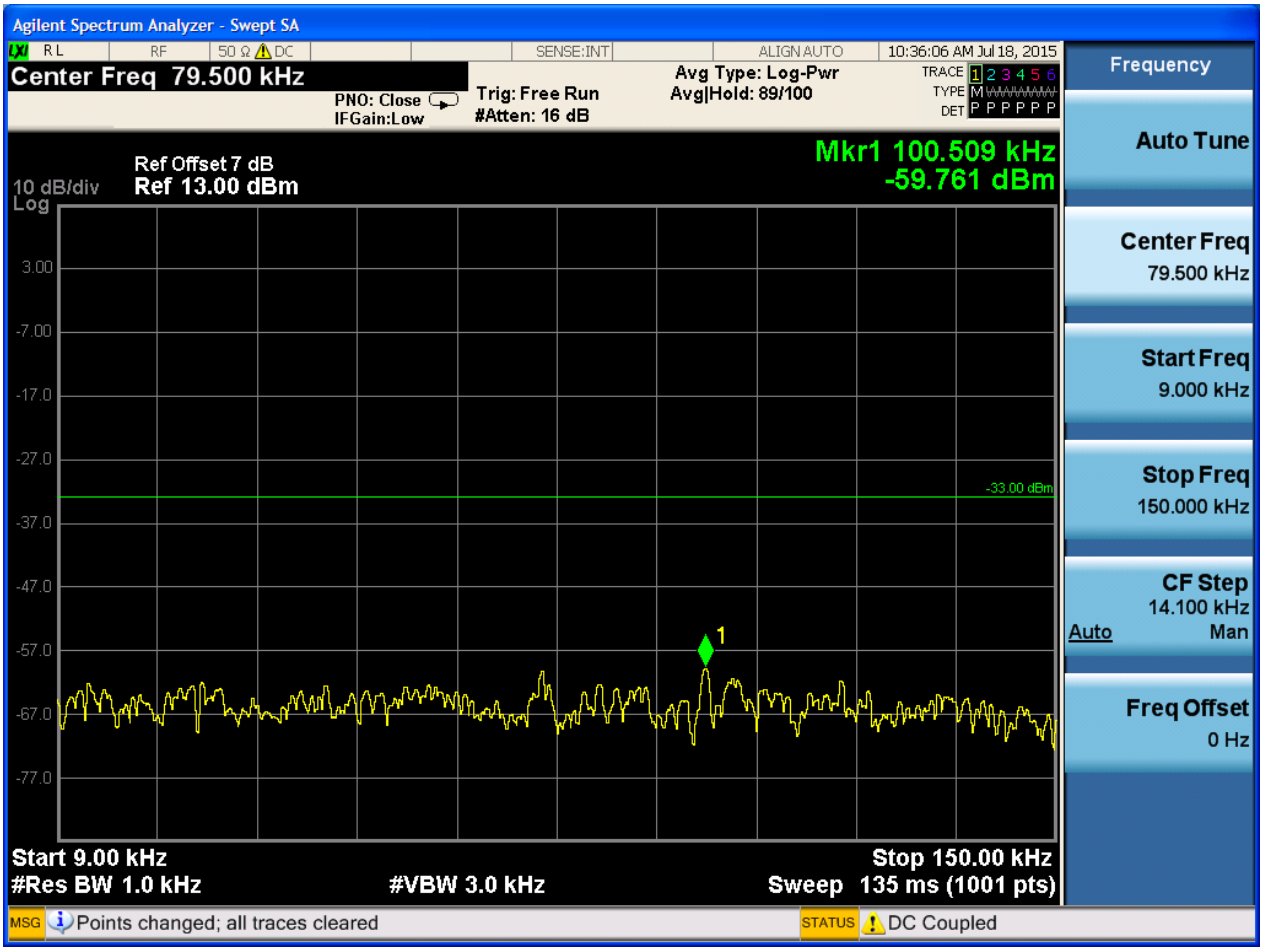
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



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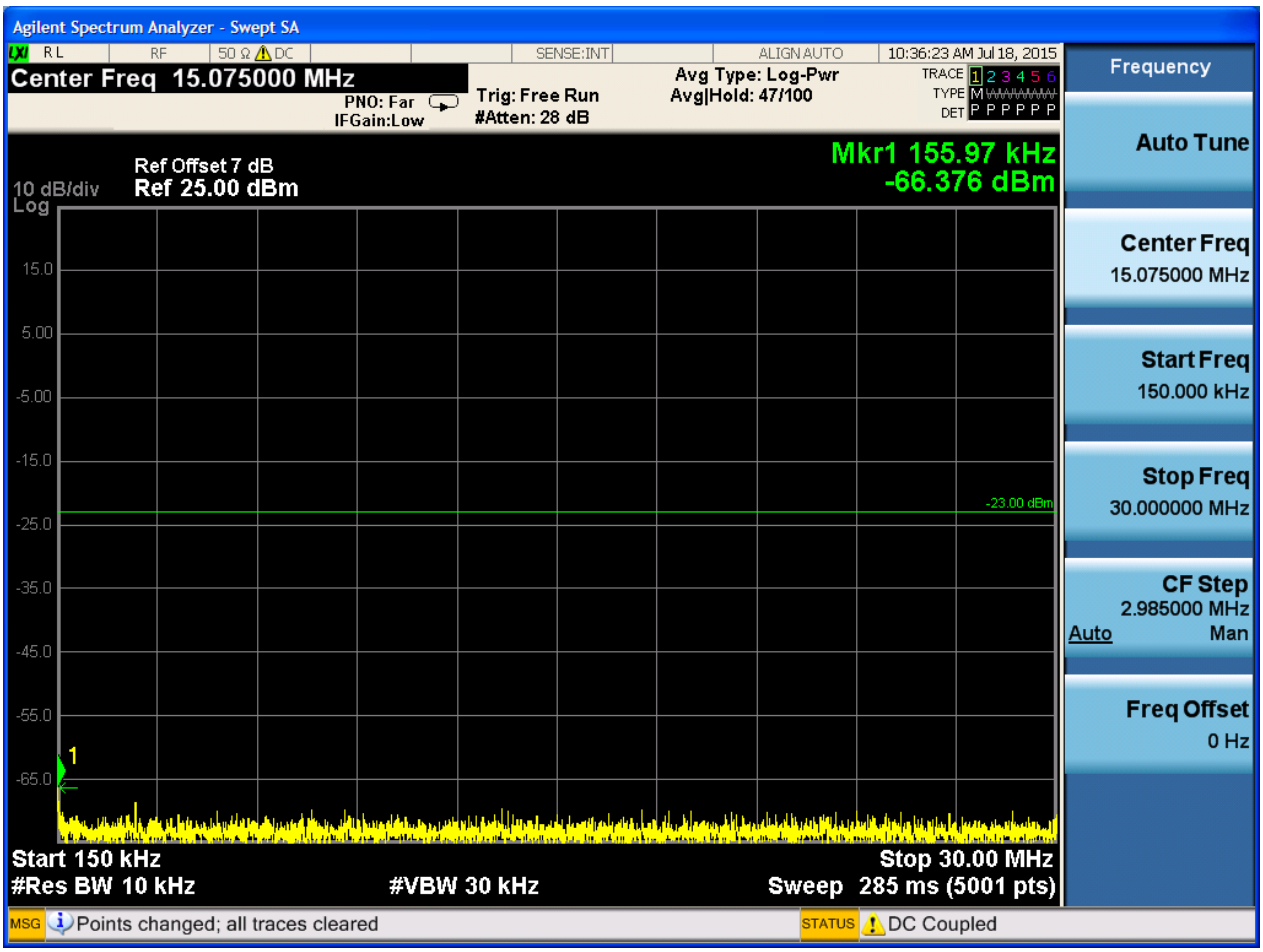

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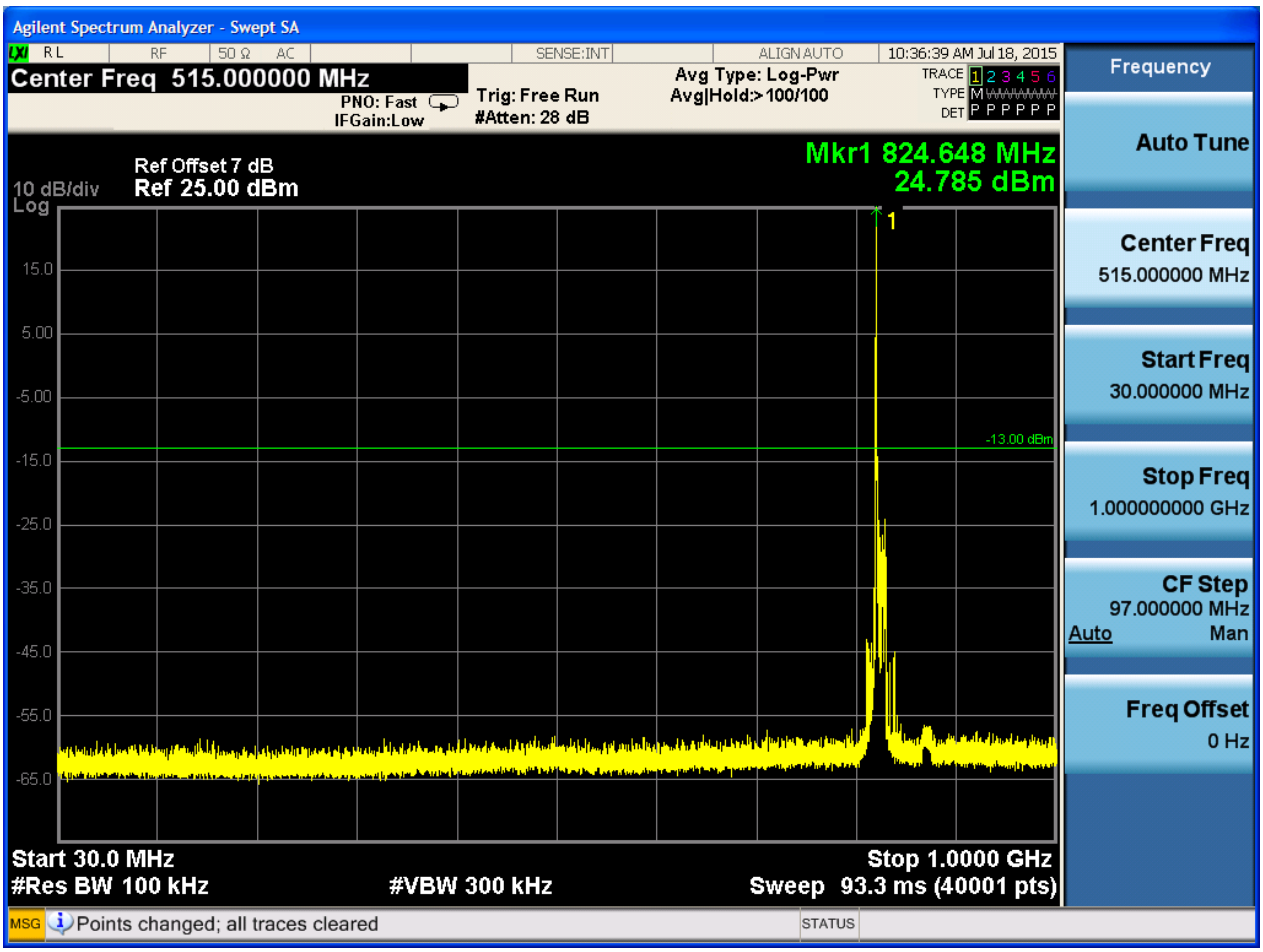

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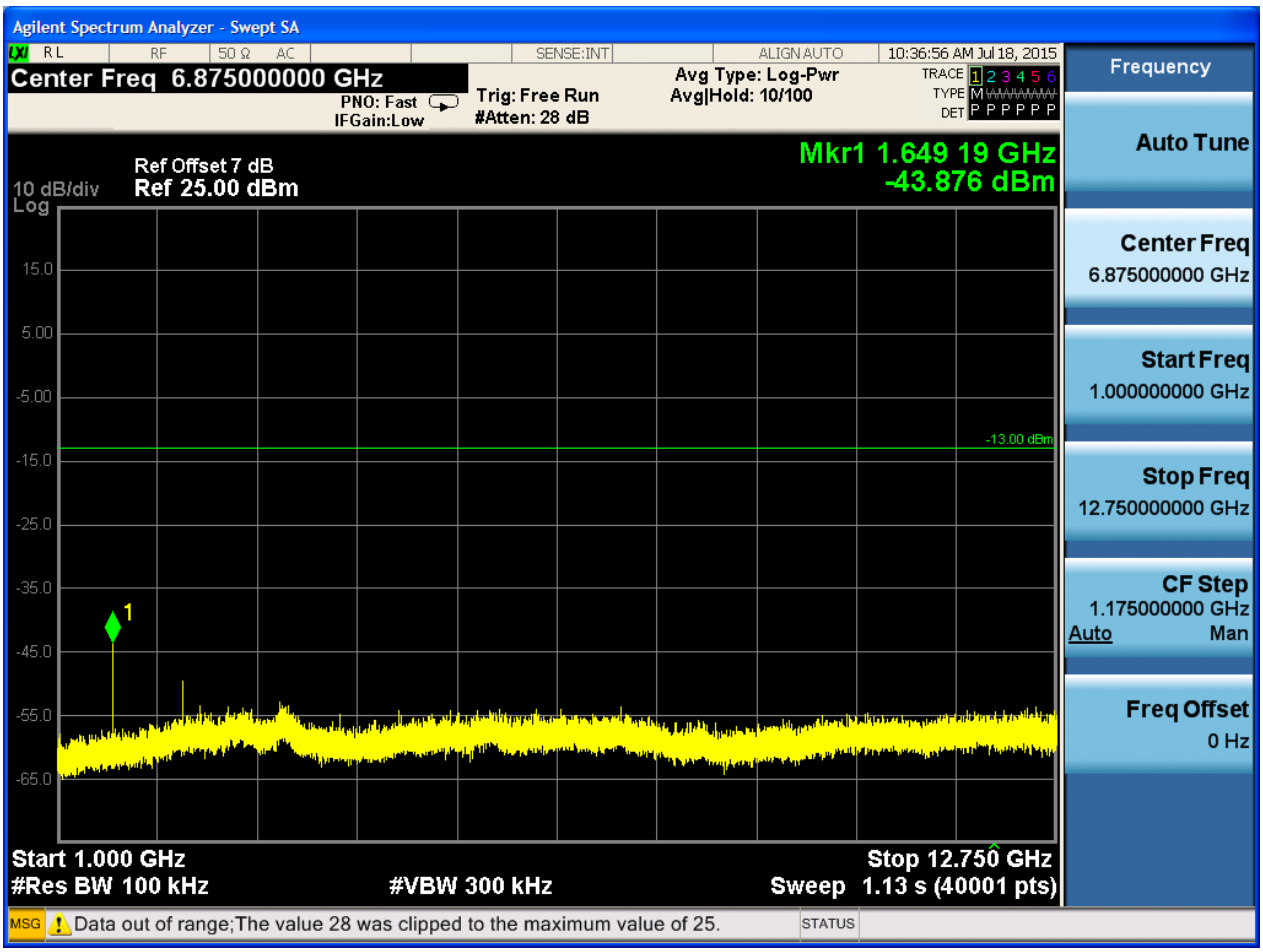

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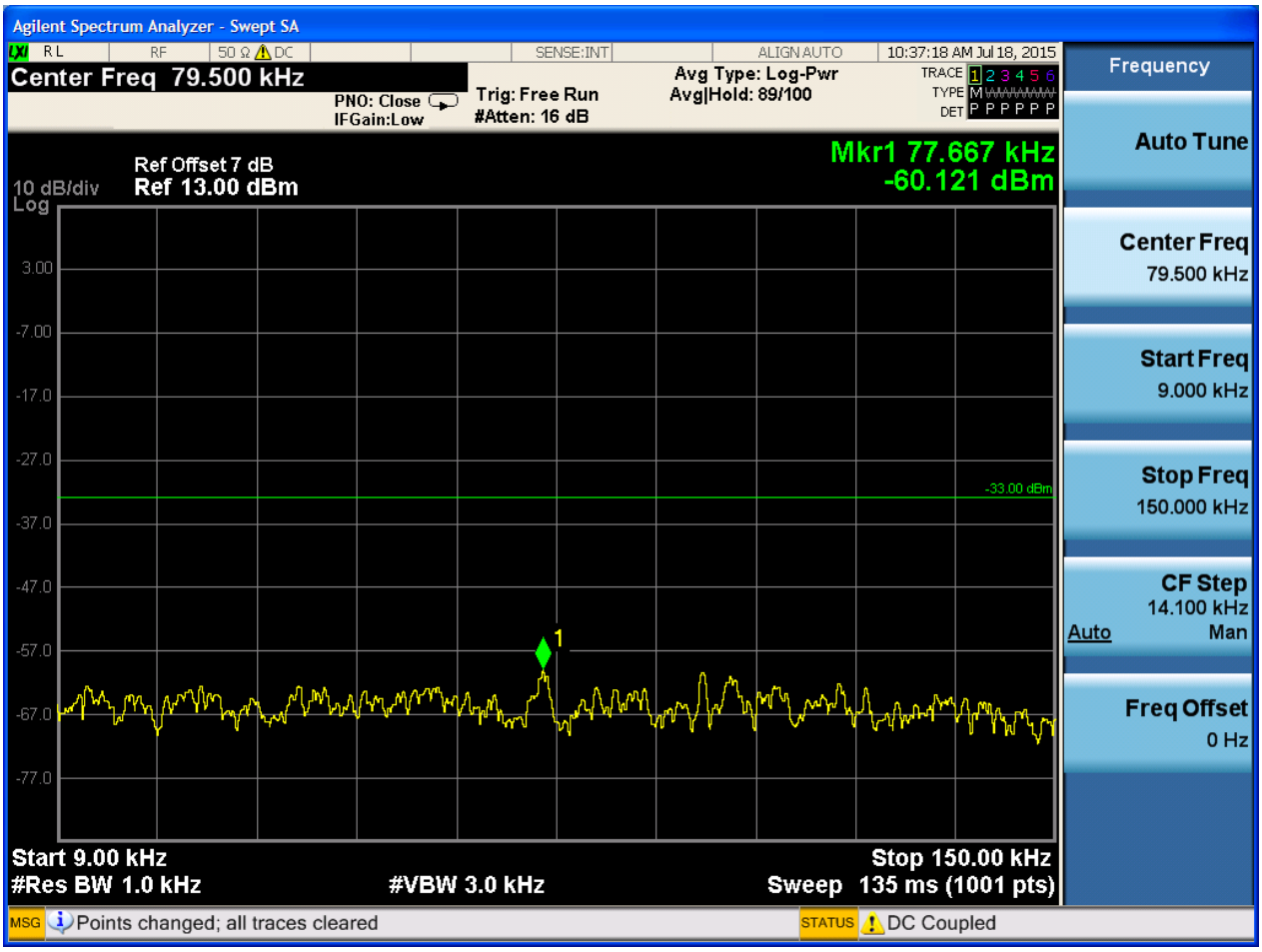
6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



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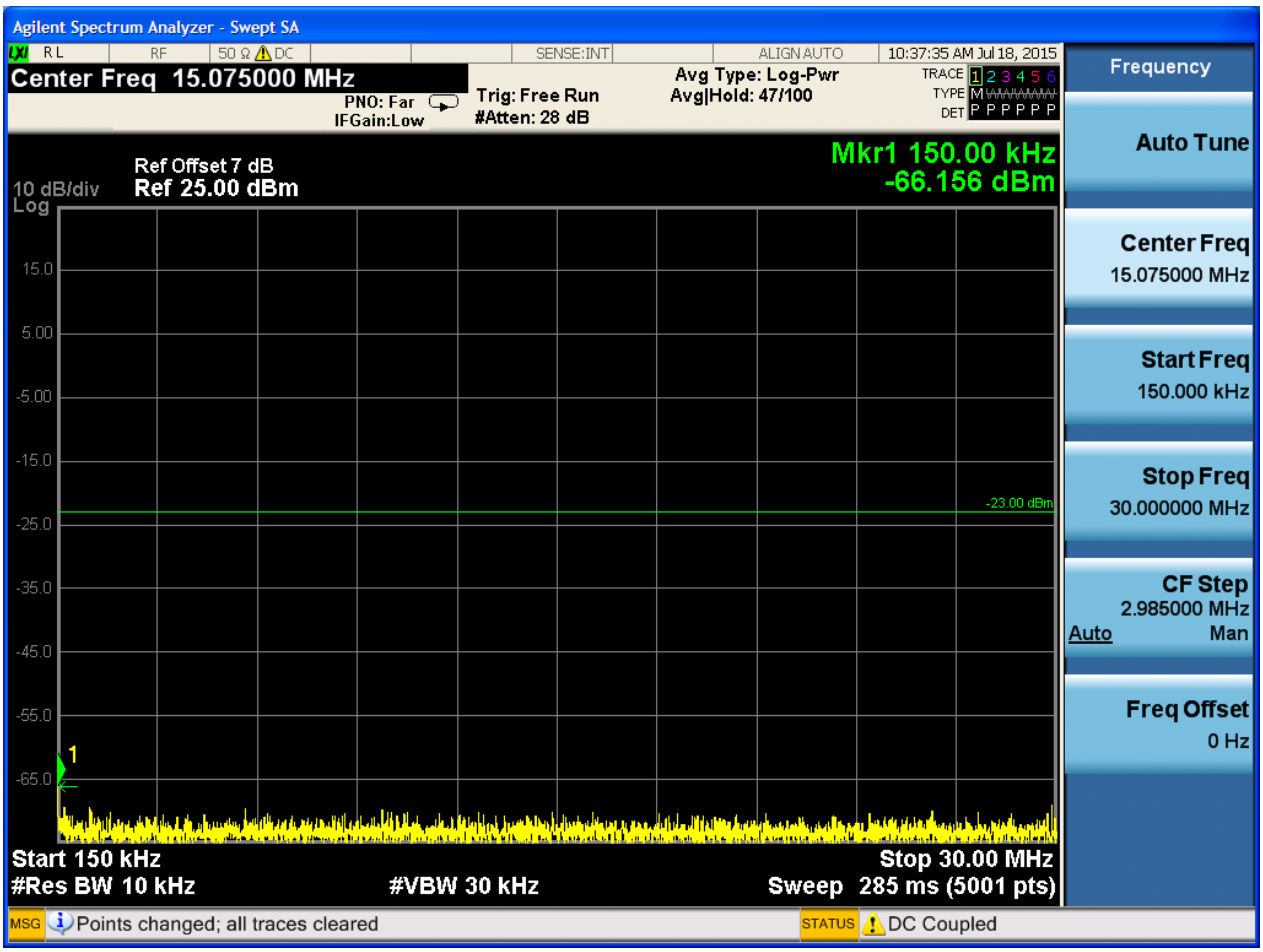
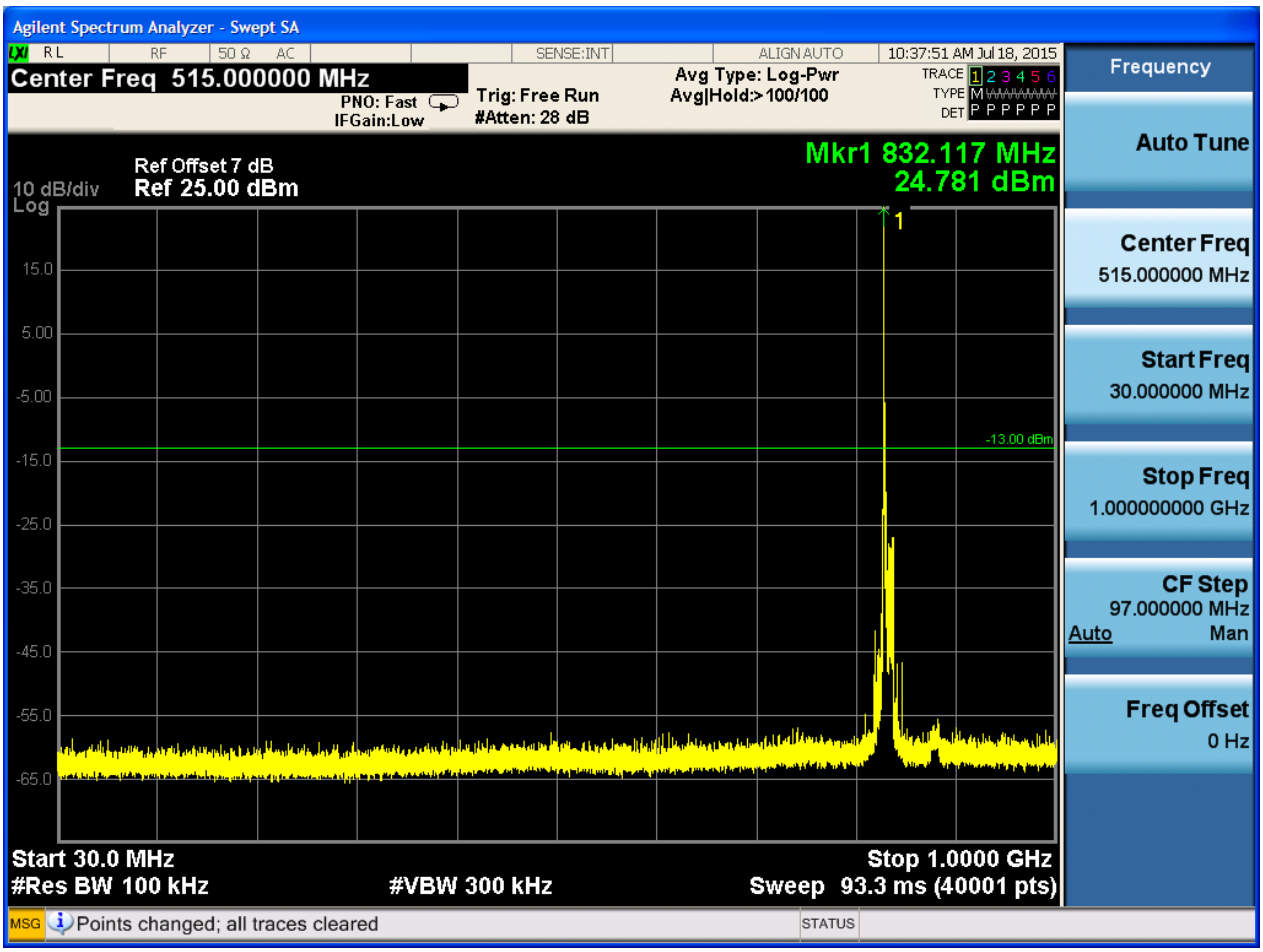

Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Far
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 47/100
10:37:35 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 150.00 kHz
-66.156 dBm
-23.00 dBm
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz
Stop 30.00 MHz
Sweep 285 ms (5001 pts)
Points changed; all traces cleared
DC Coupled
Frequency
Auto Tune
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz



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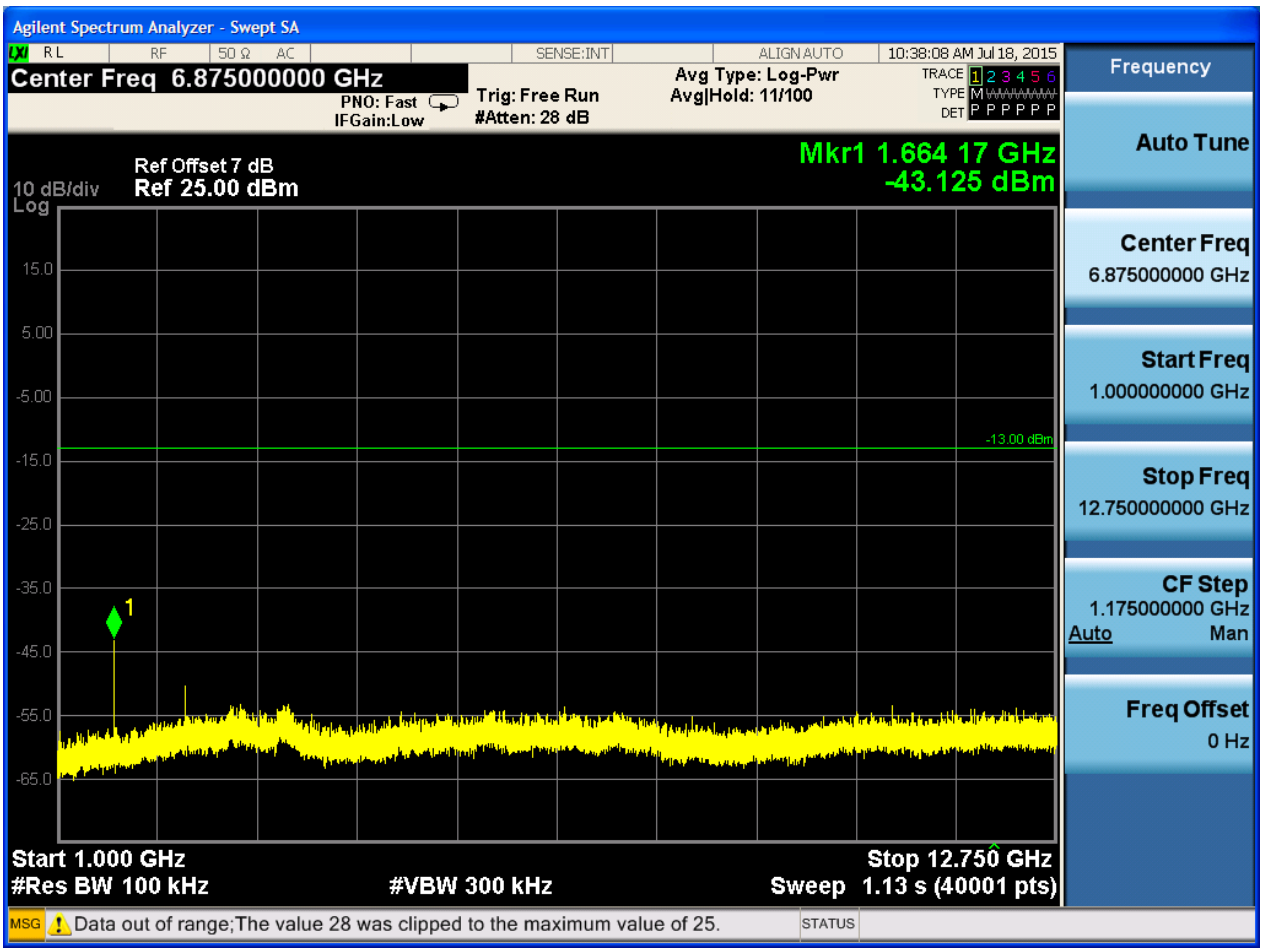

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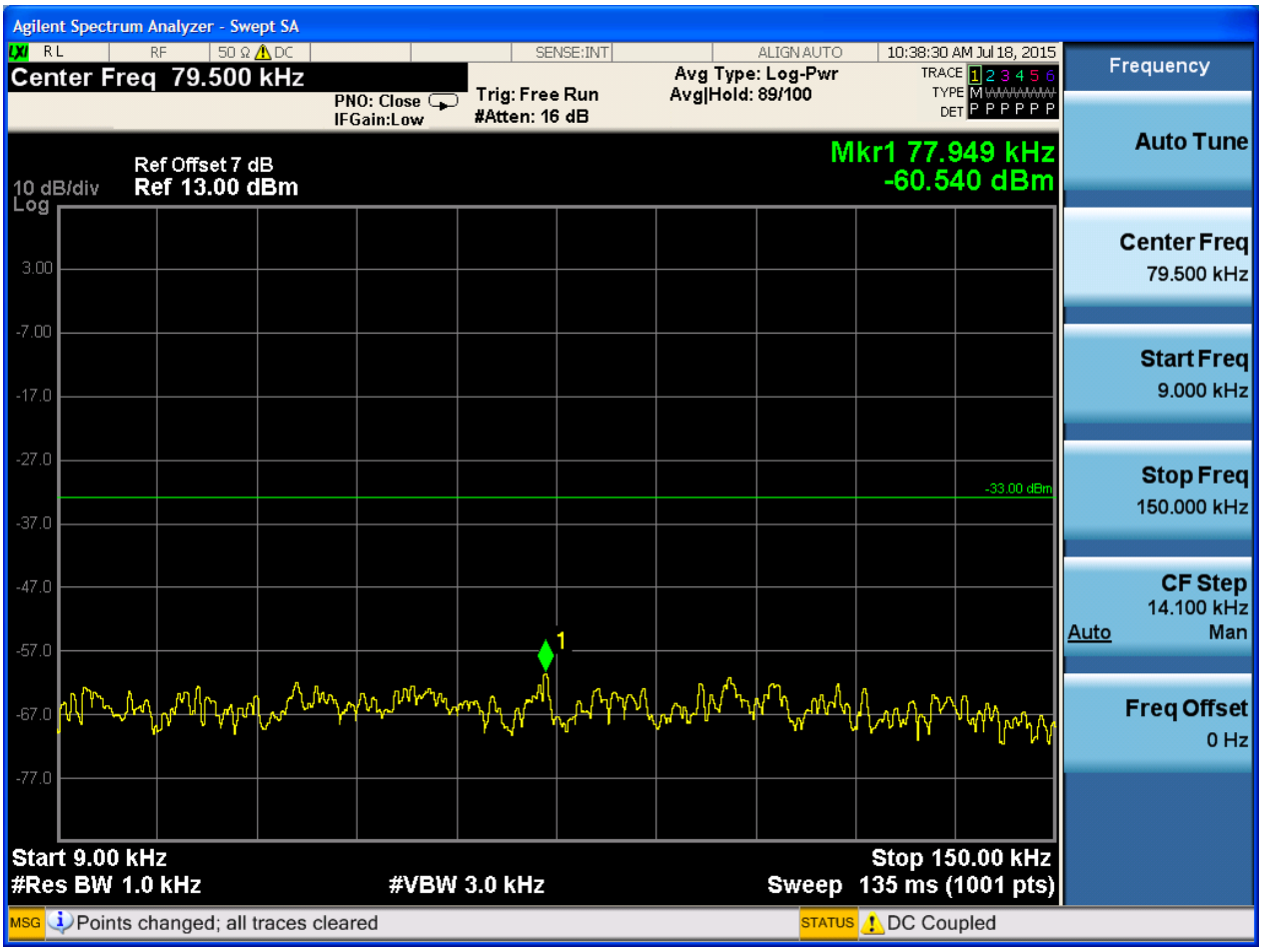
6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0



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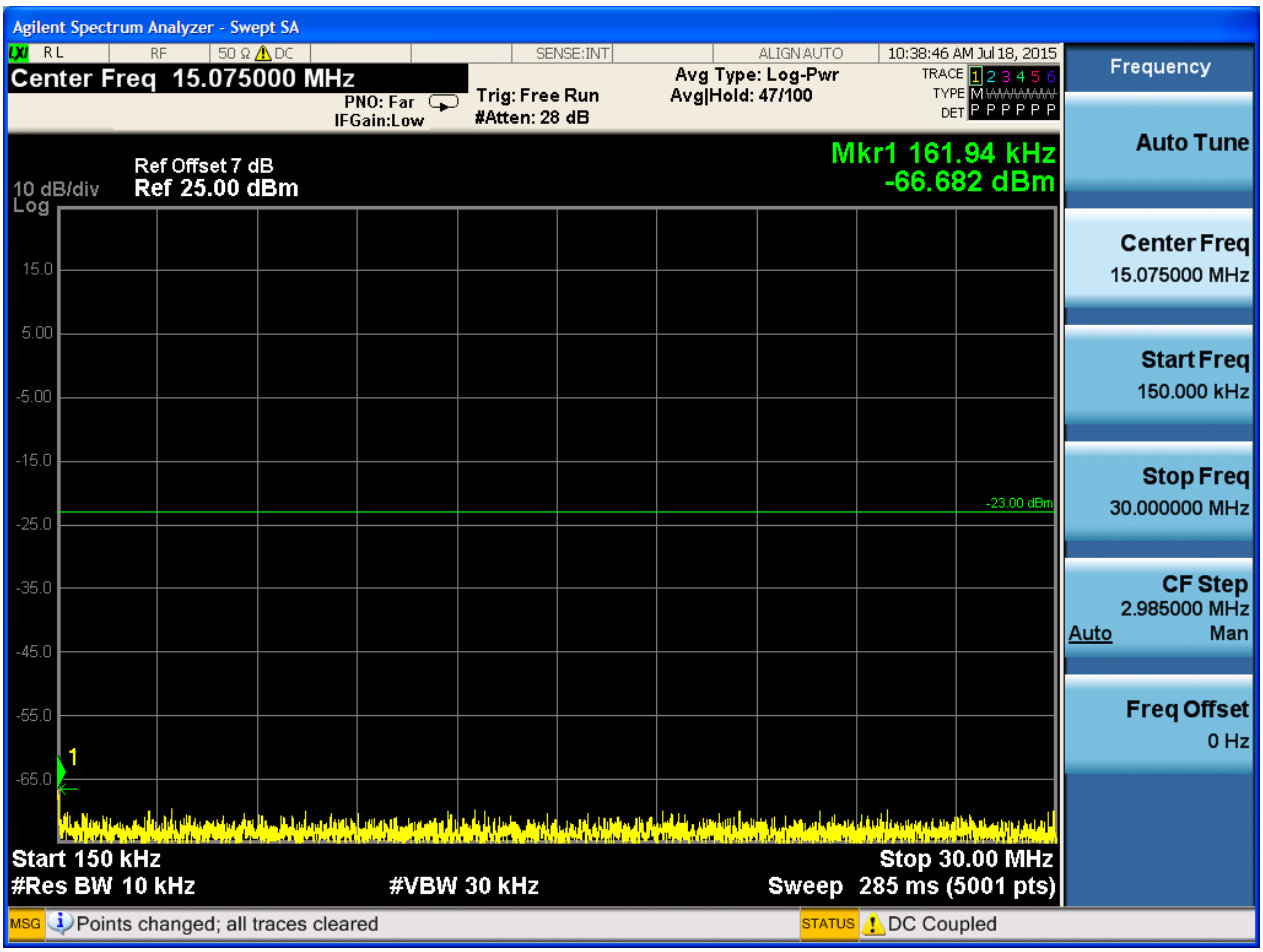

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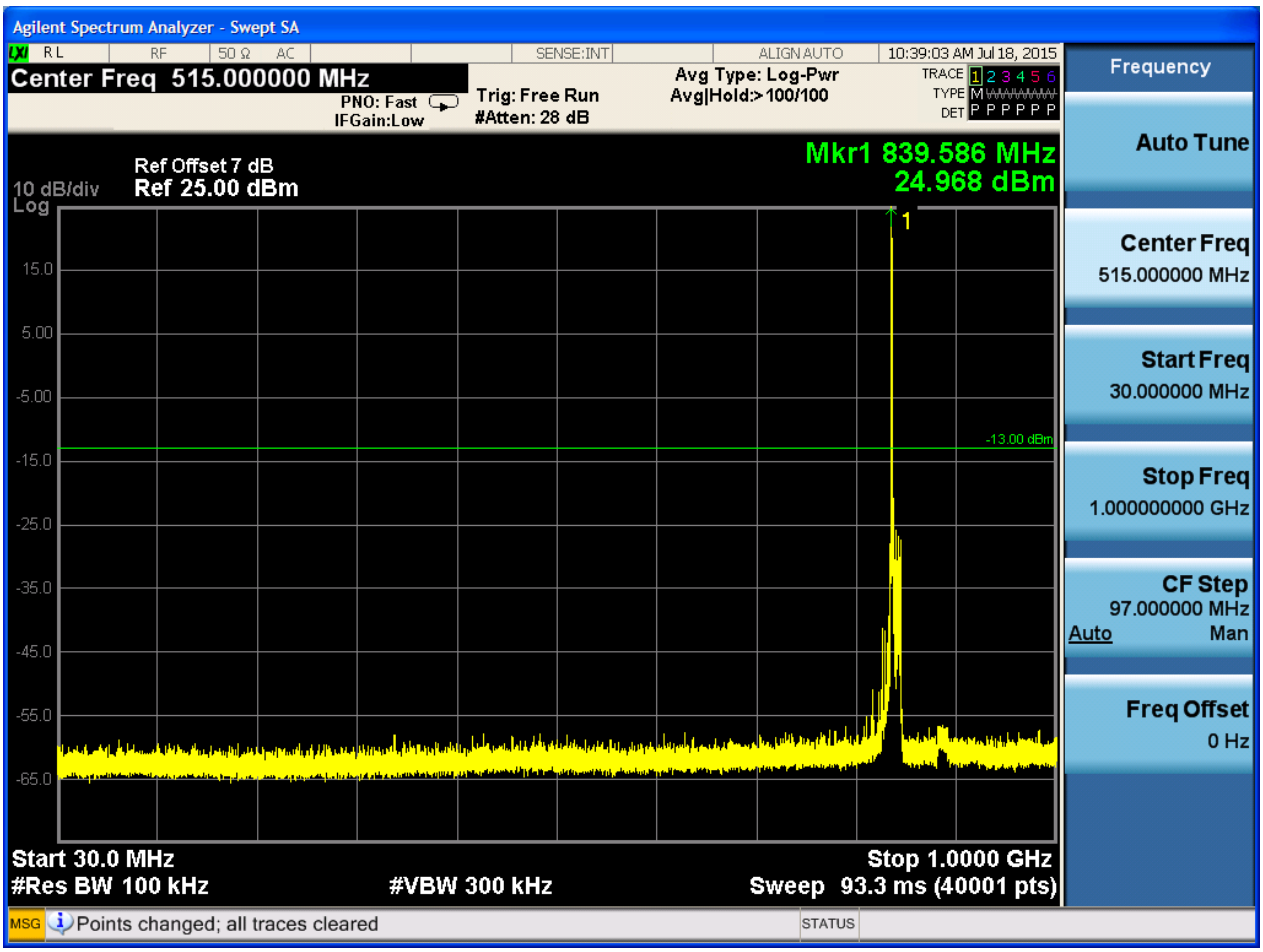
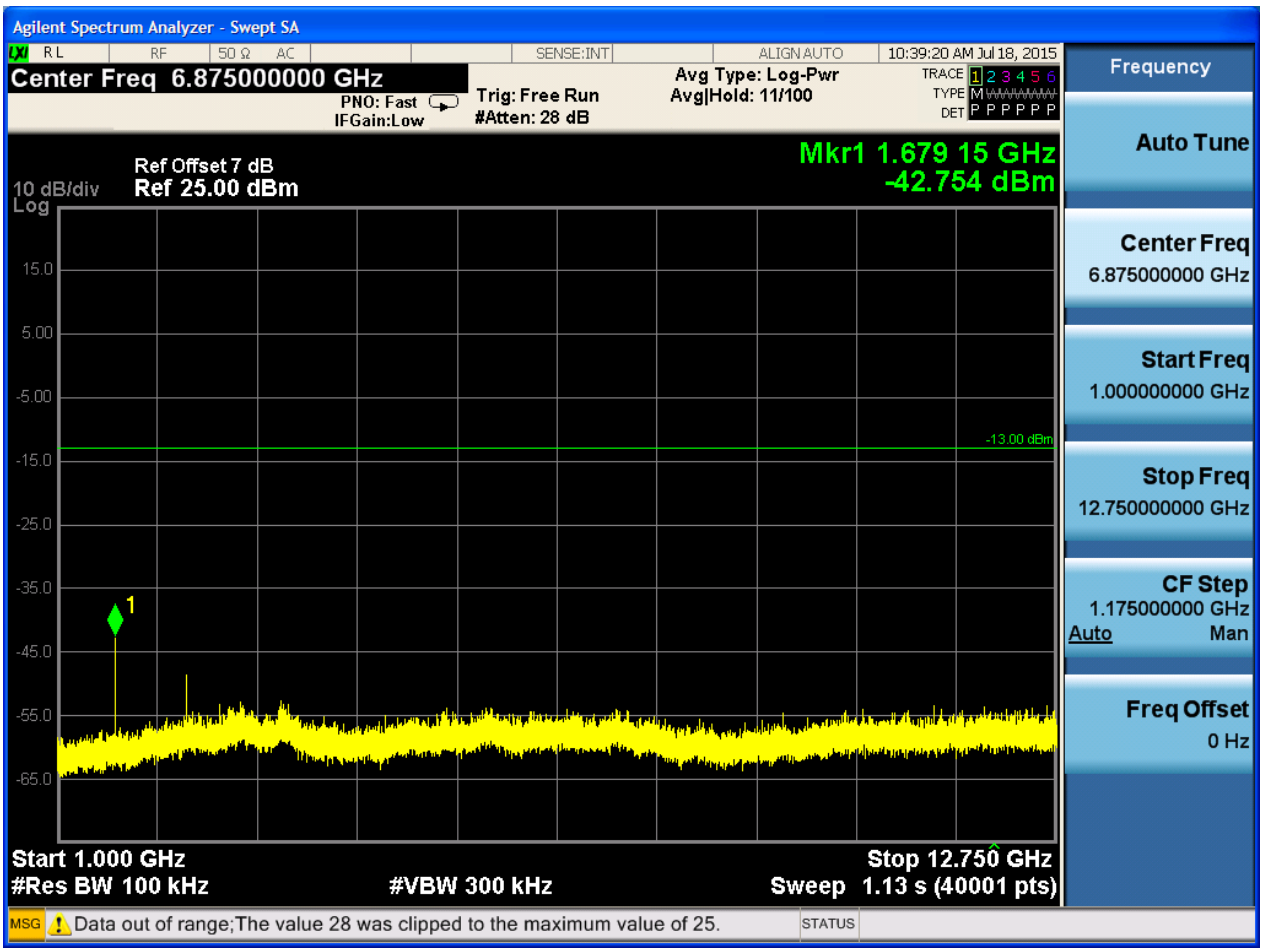
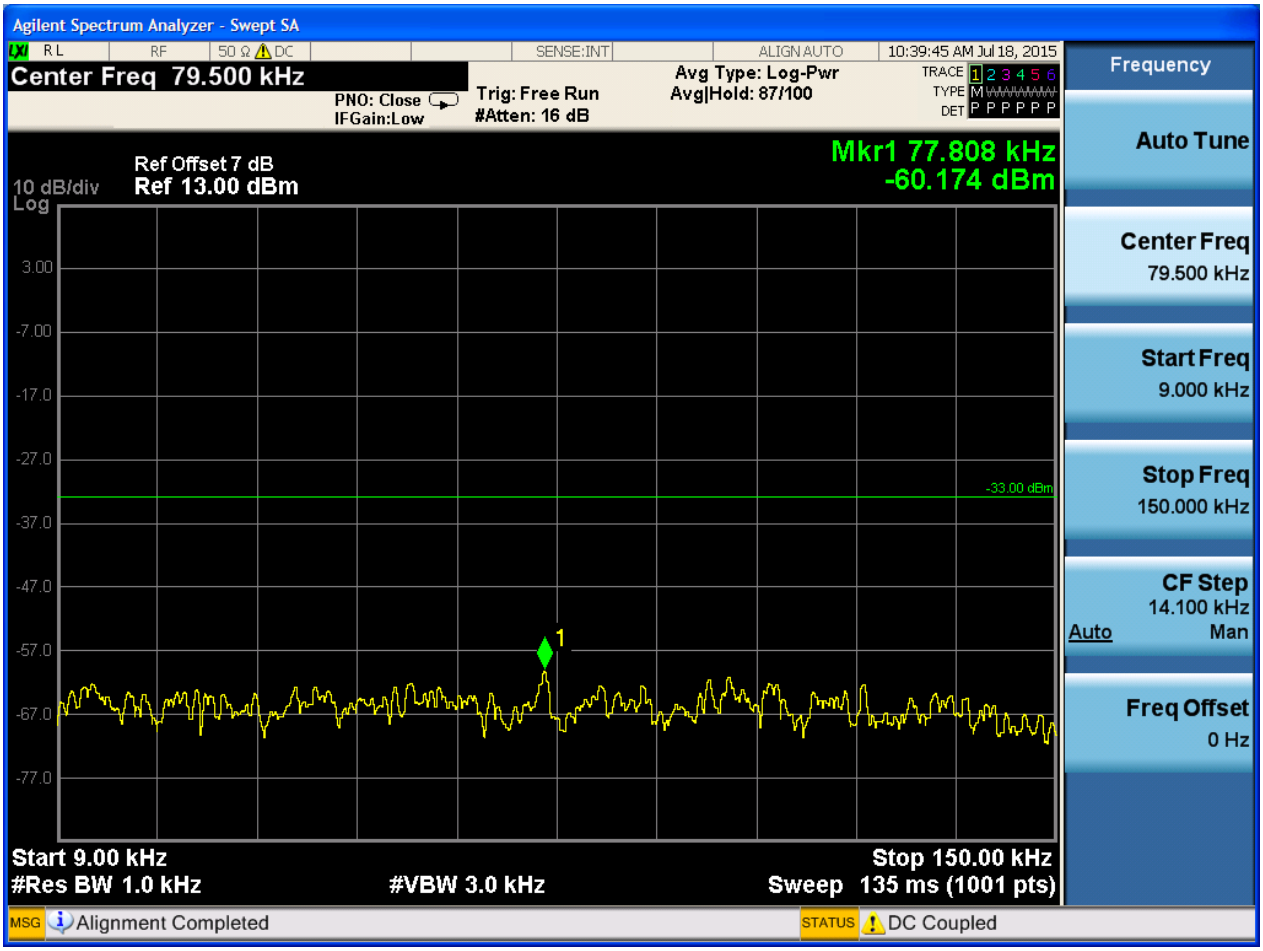

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:39:03 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 839.586 MHz
24.968 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
10:39:20 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 1.679 15 GHz
-42.754 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

6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0



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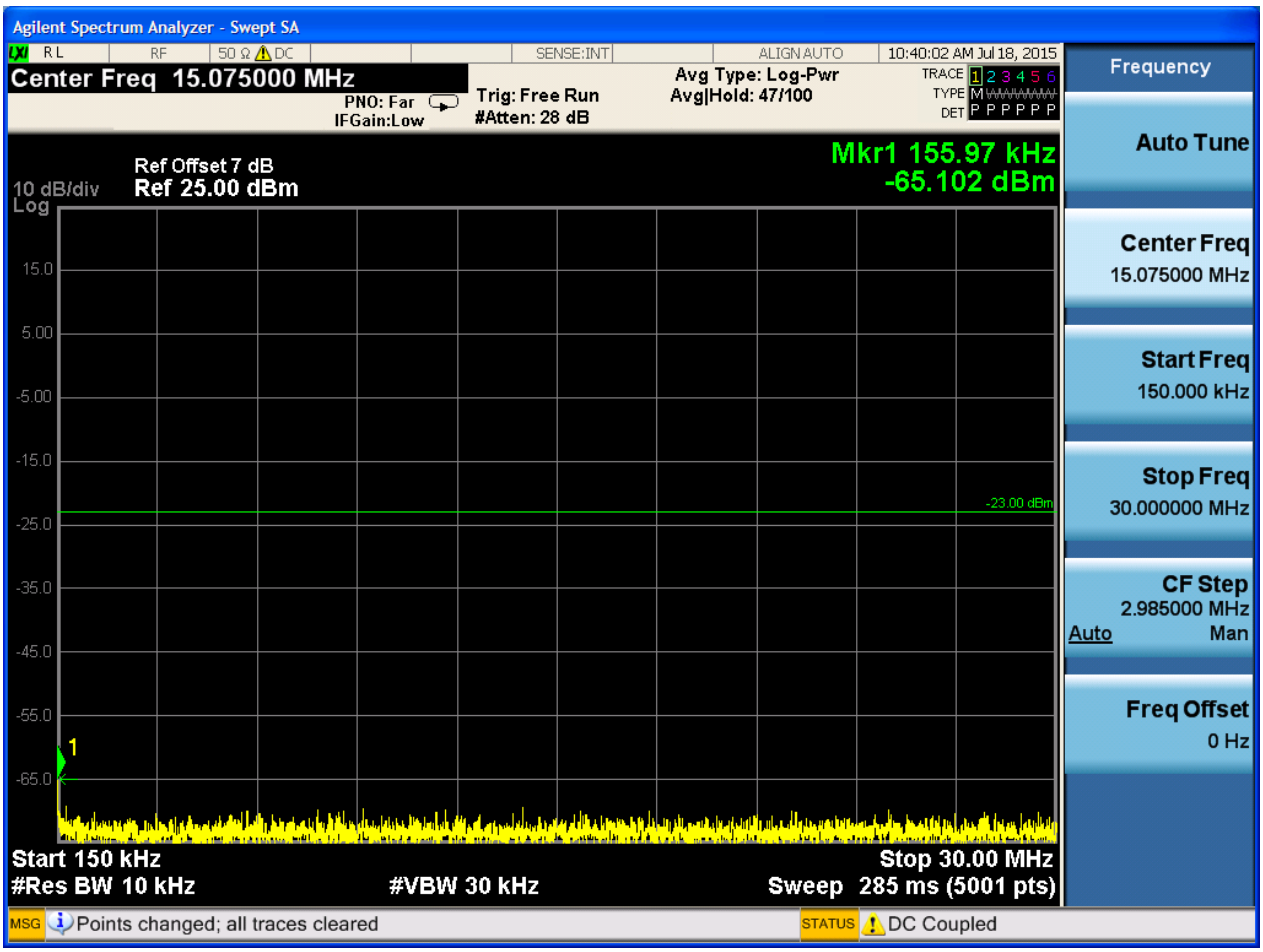

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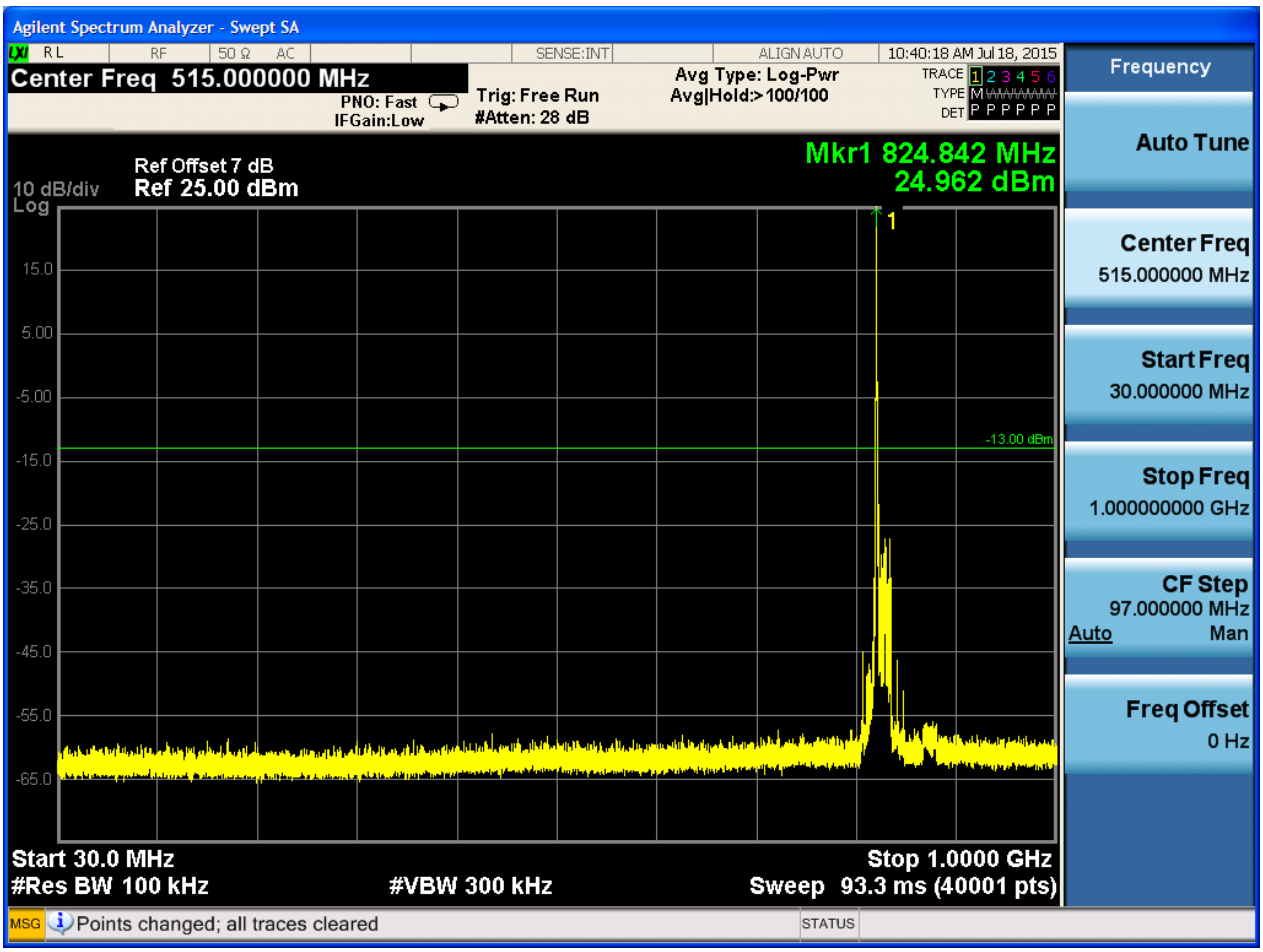

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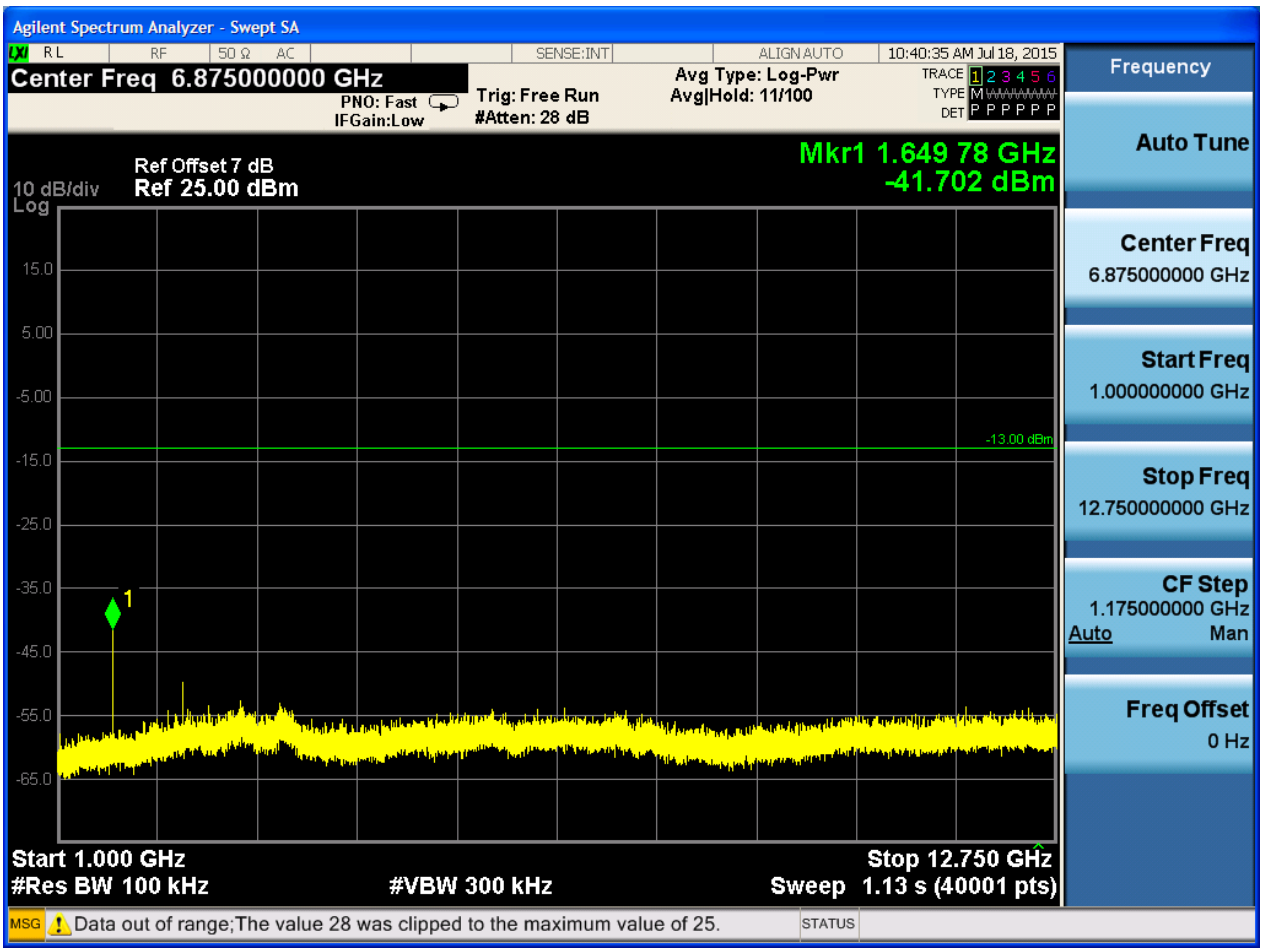

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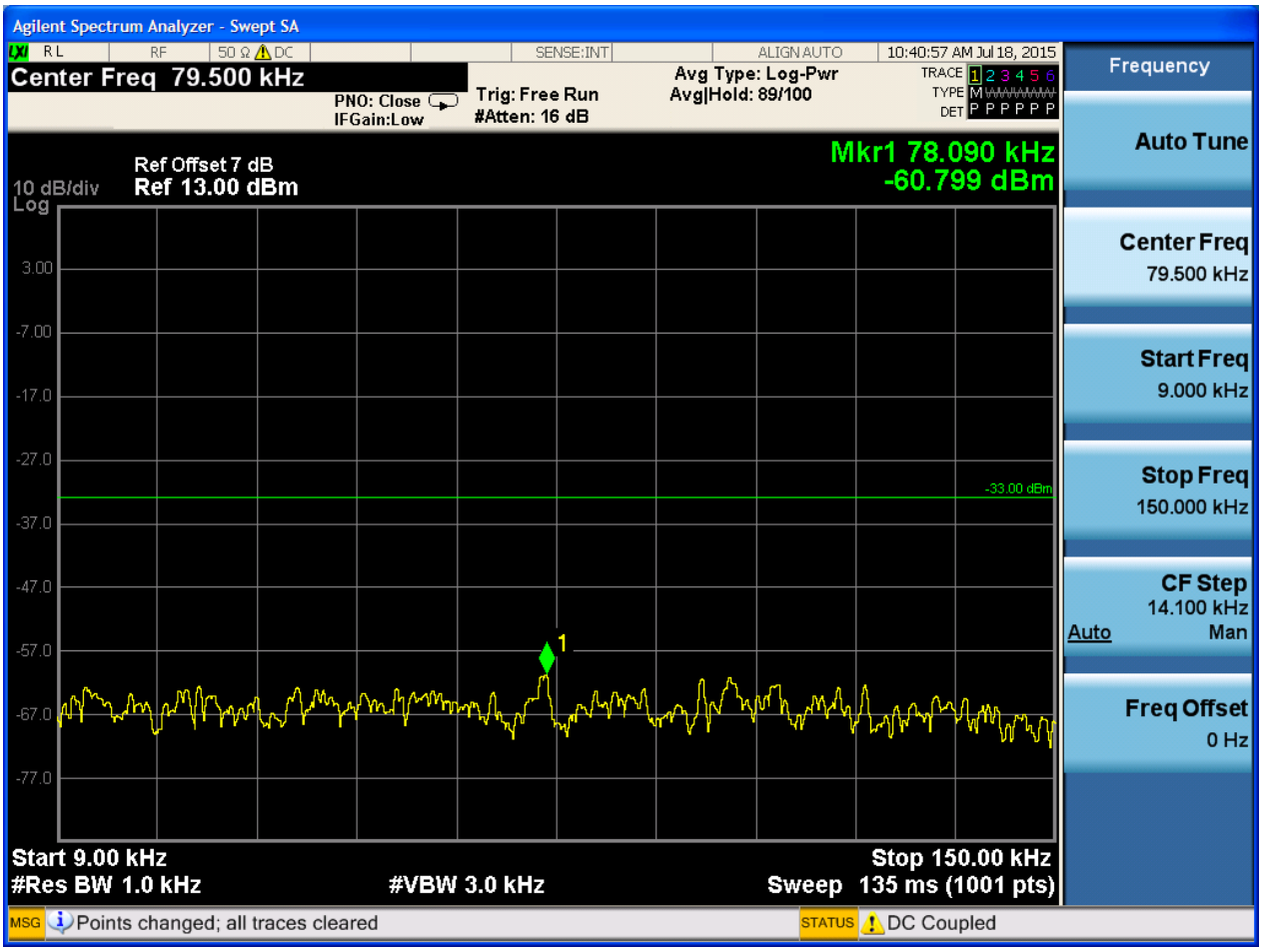
6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0



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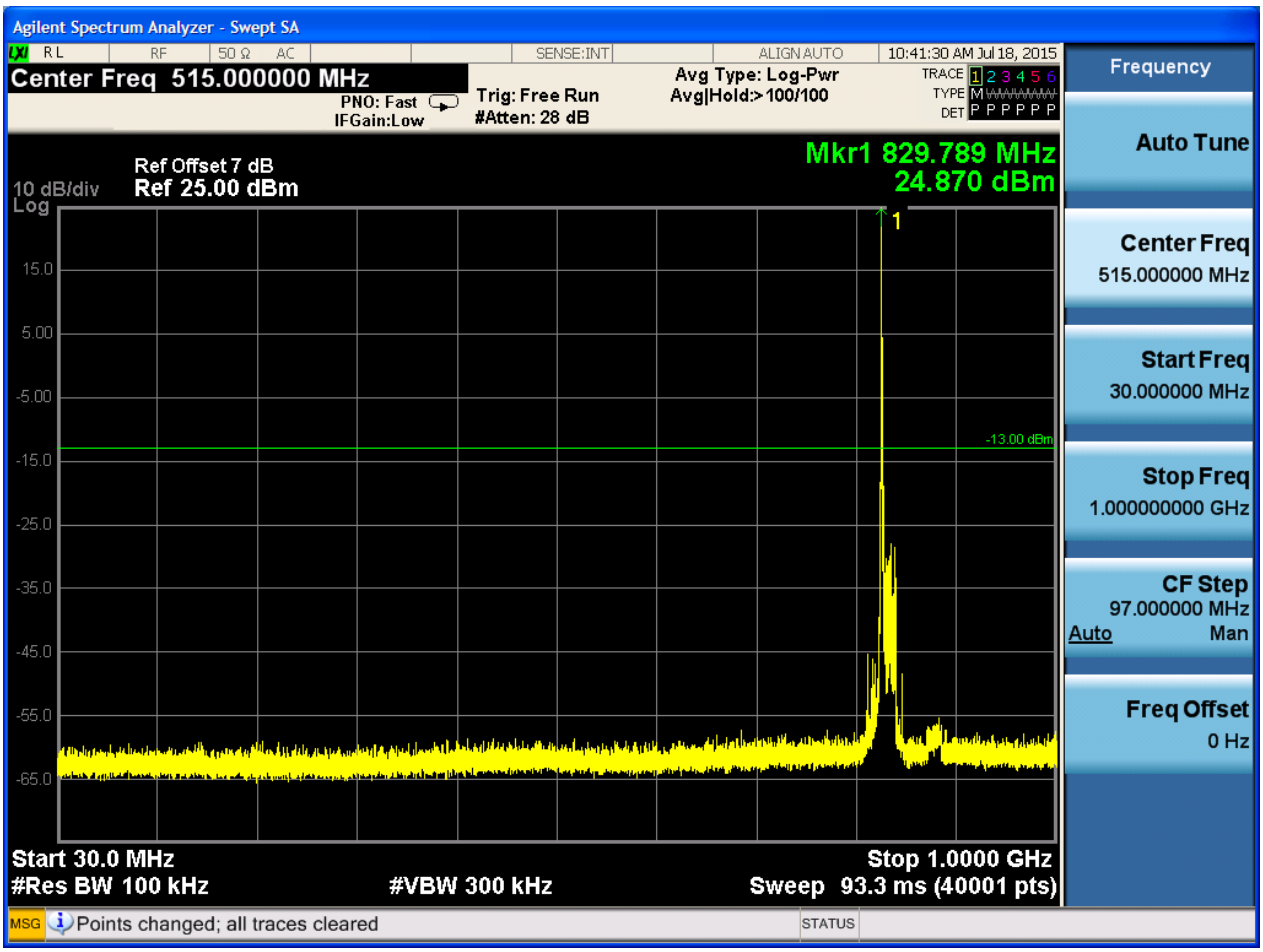
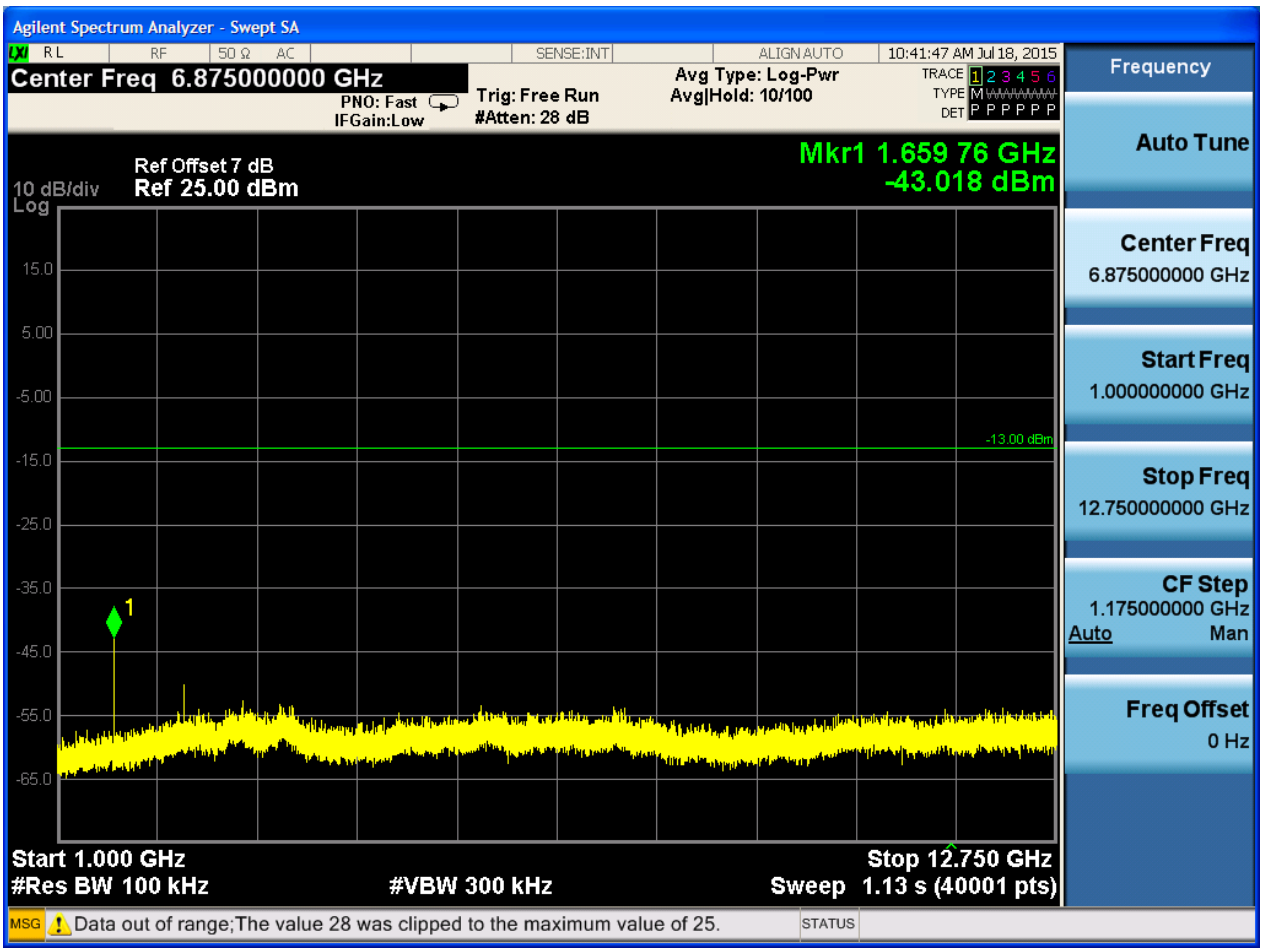

Agilent Spectrum Analyzer - Swept SA
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
10:41:30 AM Jul 18, 2015
Ref Offset 7 dB
10 dB/div
Ref 25.00 dBm
Log
Mkr1 829.789 MHz
24.870 dBm
-13.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 300 kHz
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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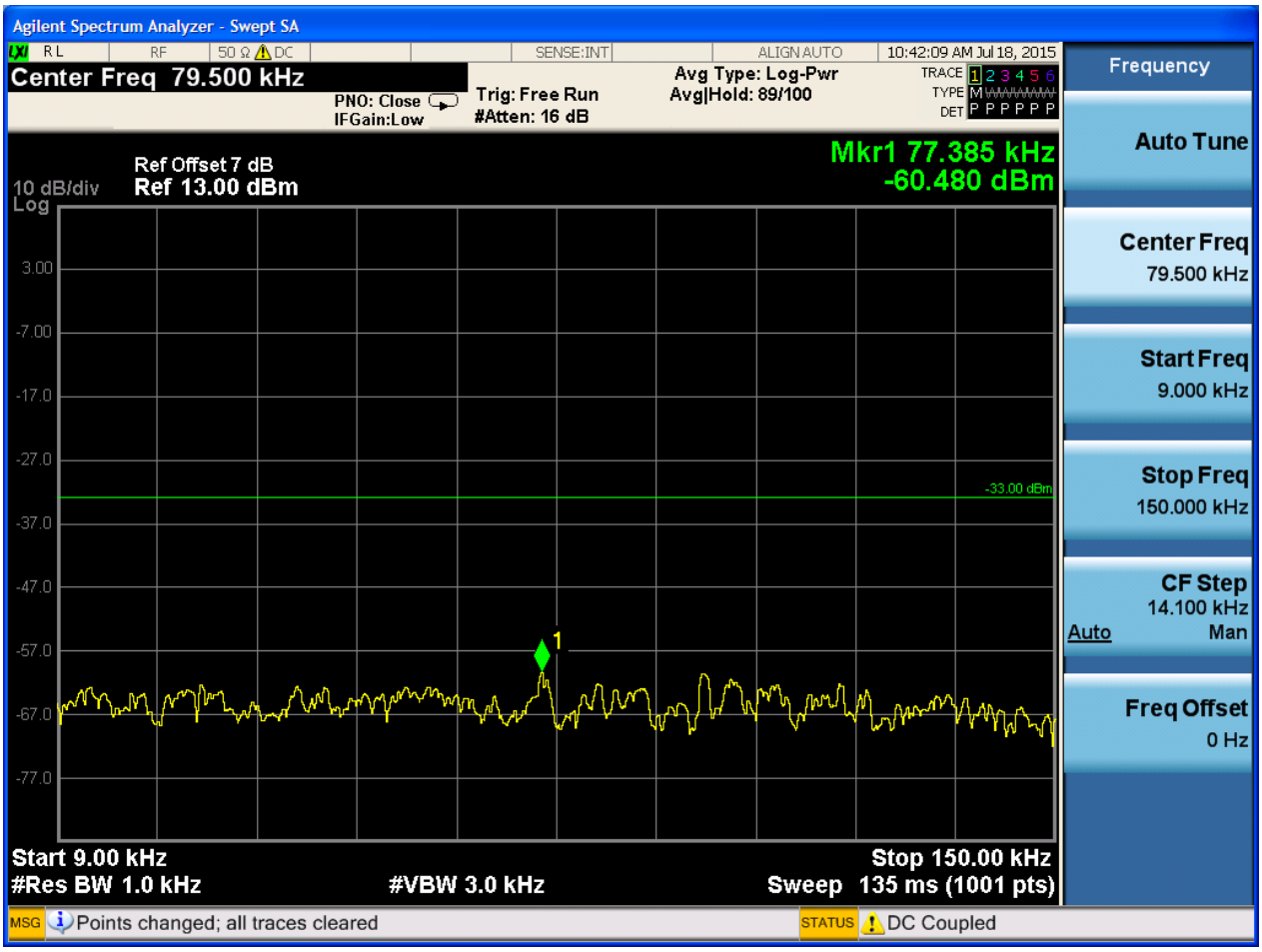
6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0



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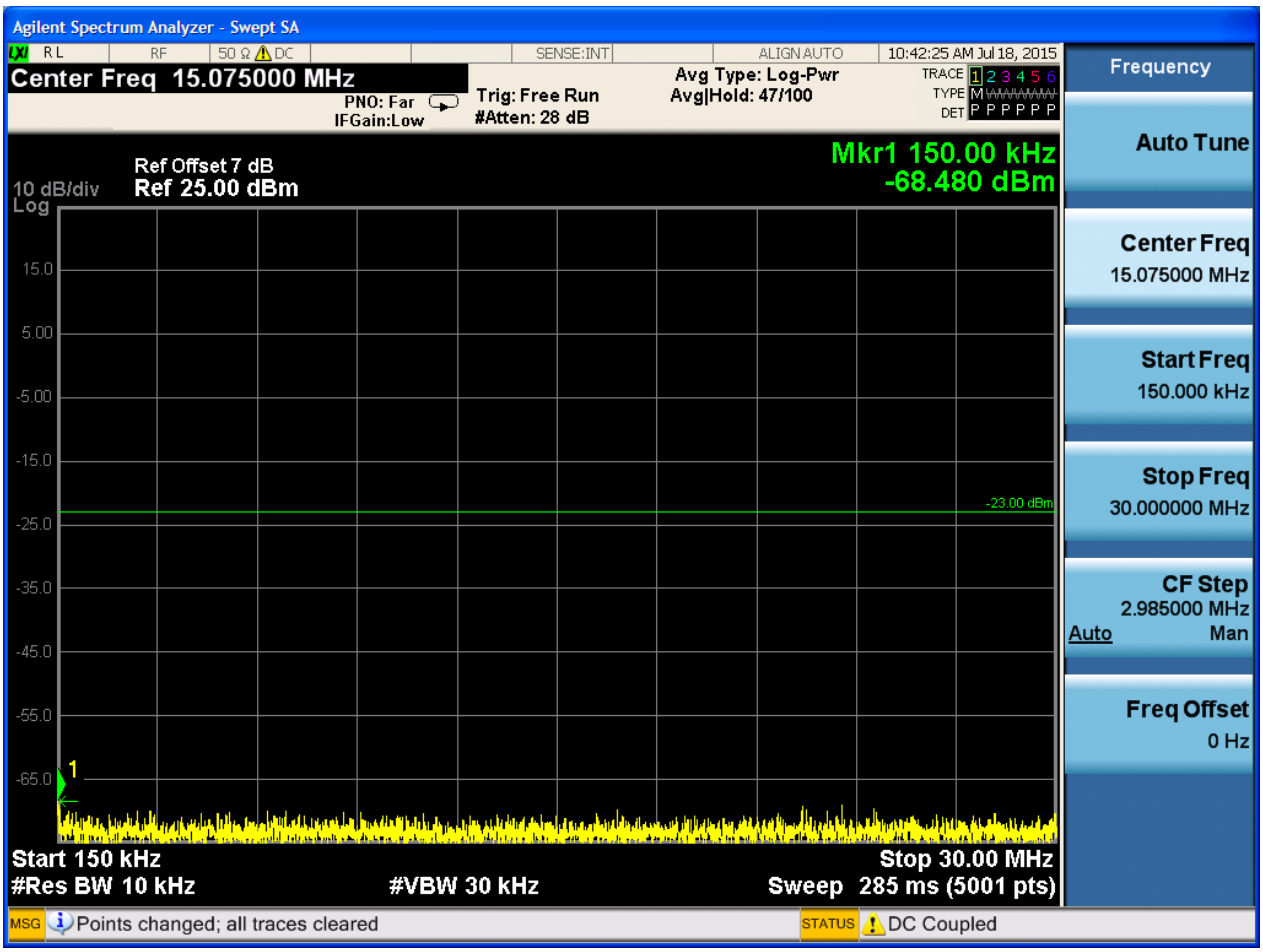

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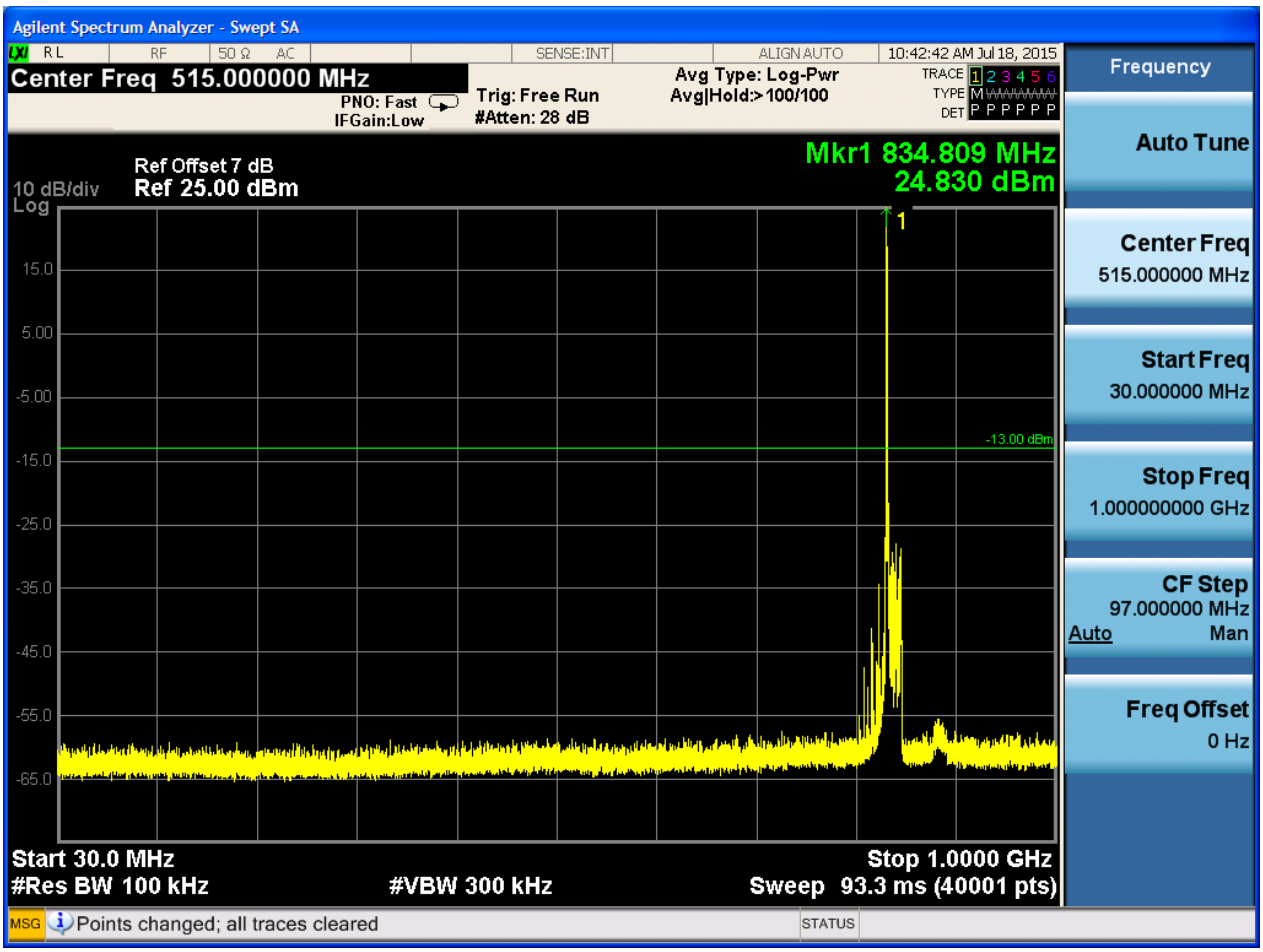

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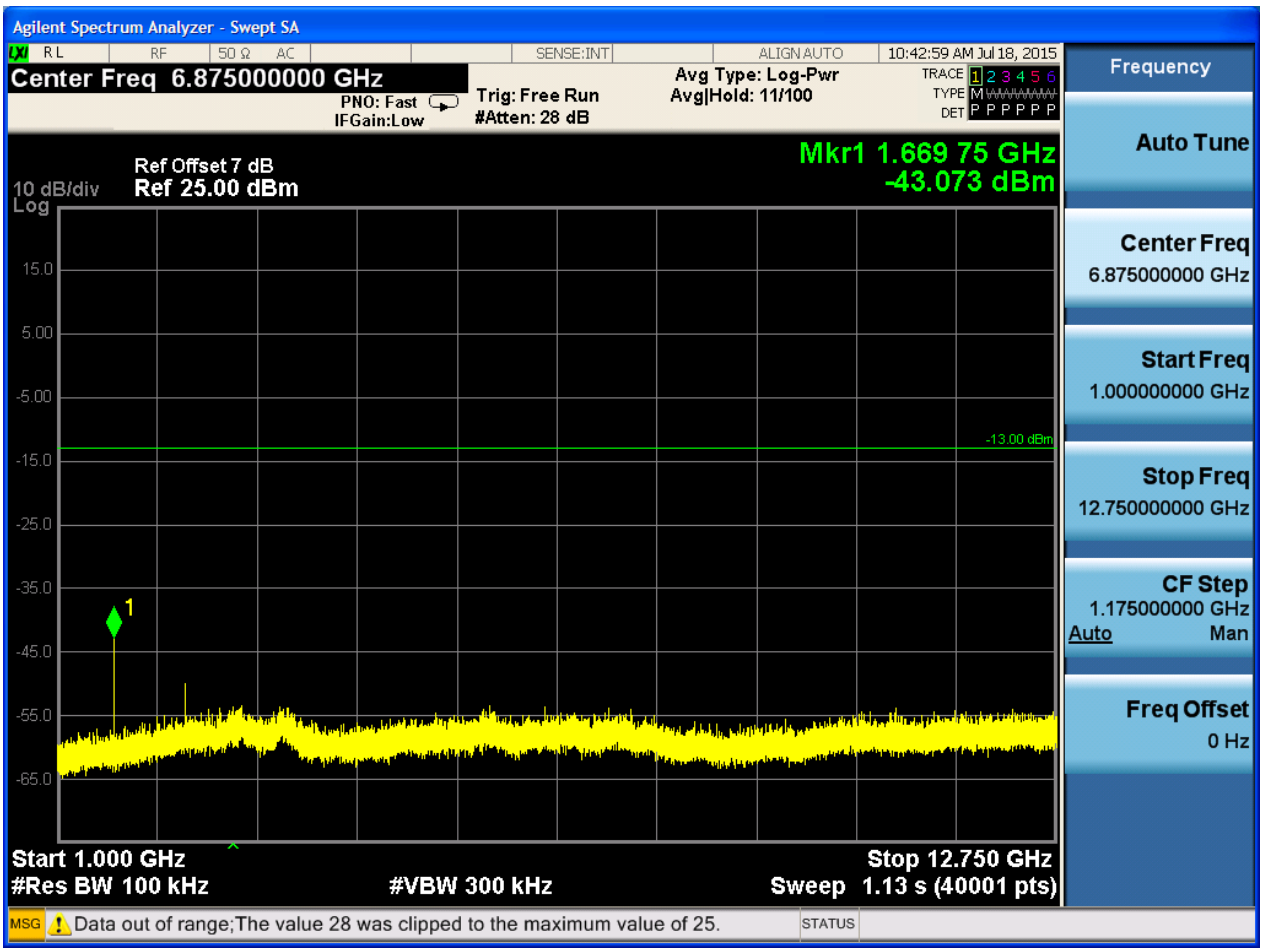

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7Appendix_G: Field Strength of Spurious Radiation

Note:

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

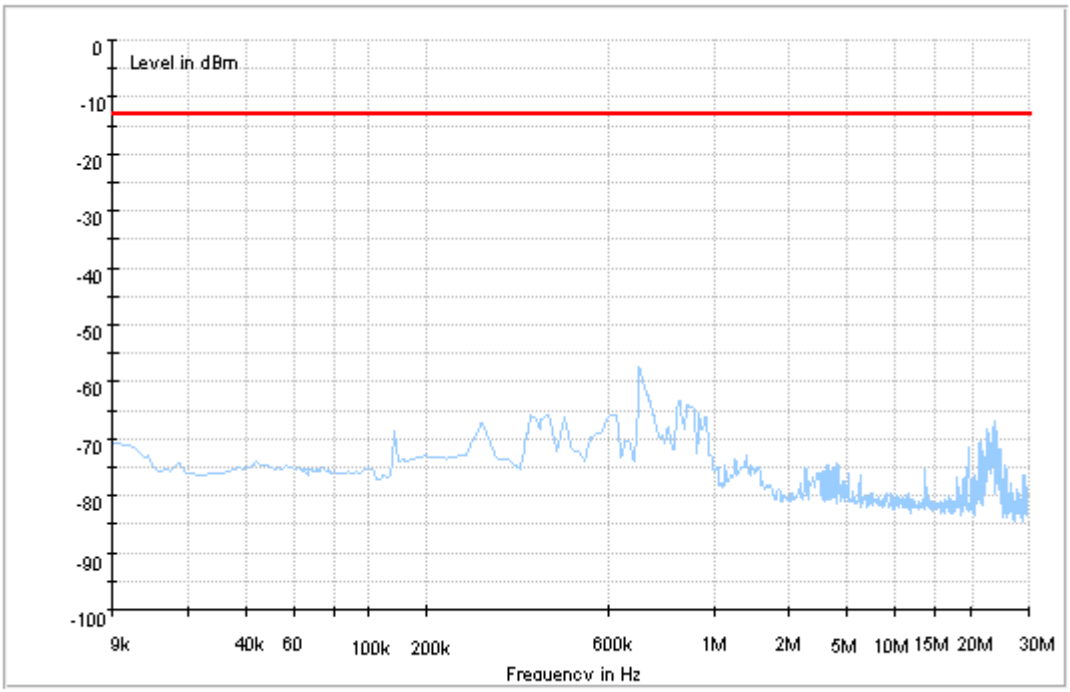
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = BAND26

7.1.1.1 Test Bandwidth = 1.4



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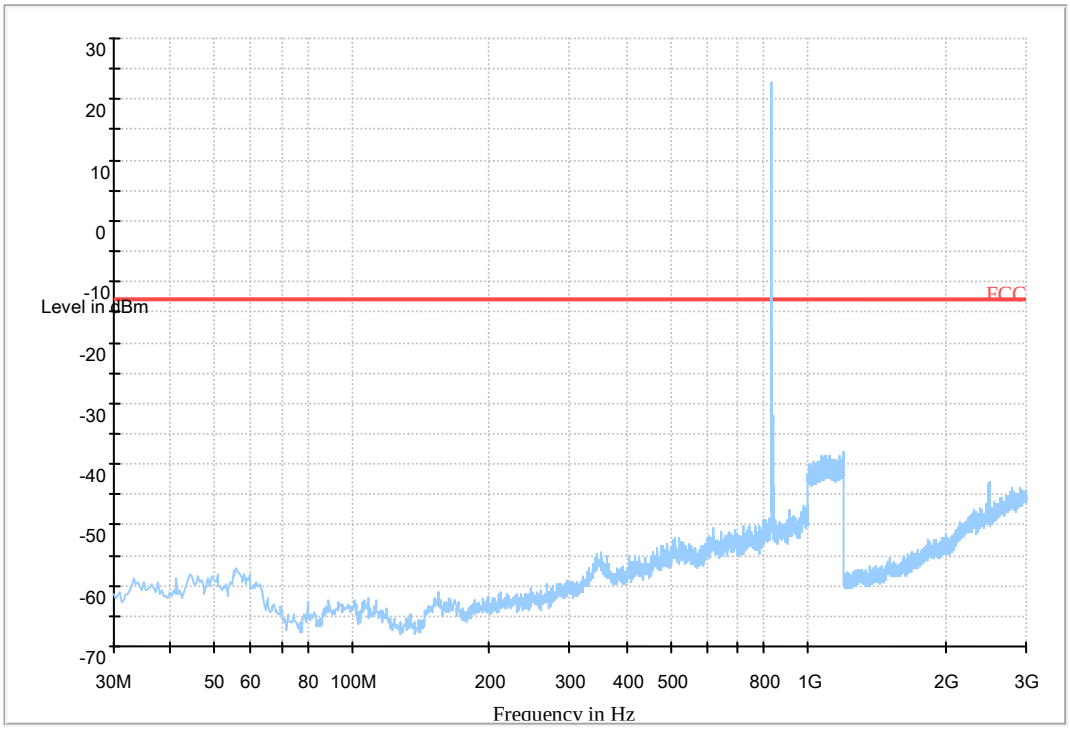
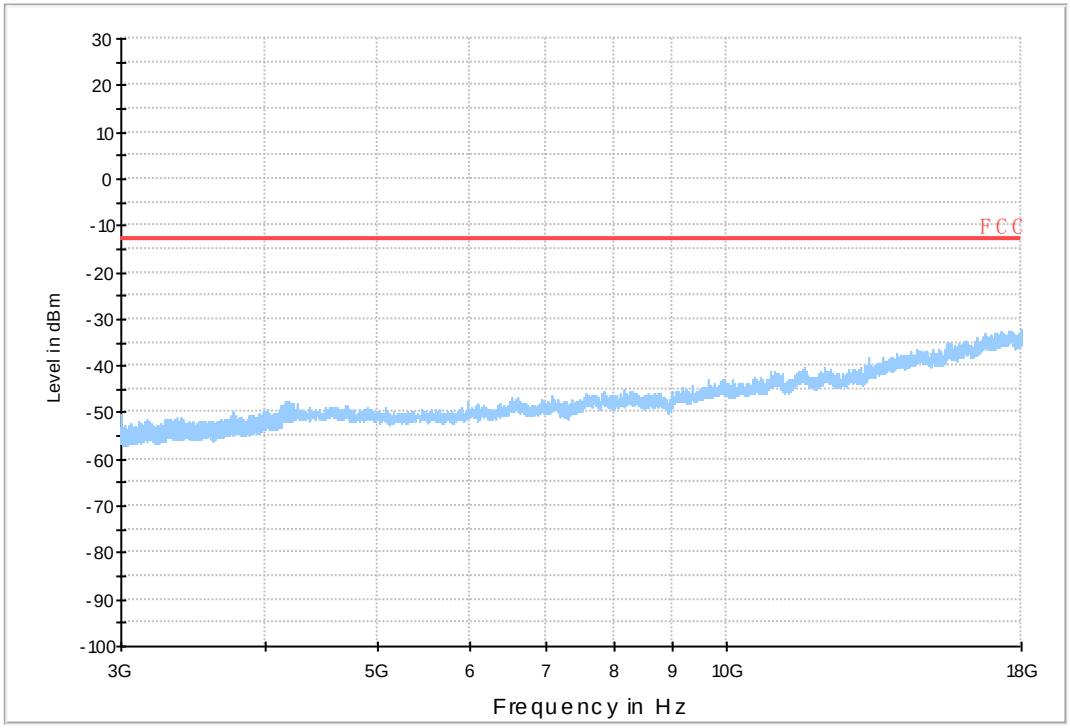
Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of FCC PART22 GSM850_H



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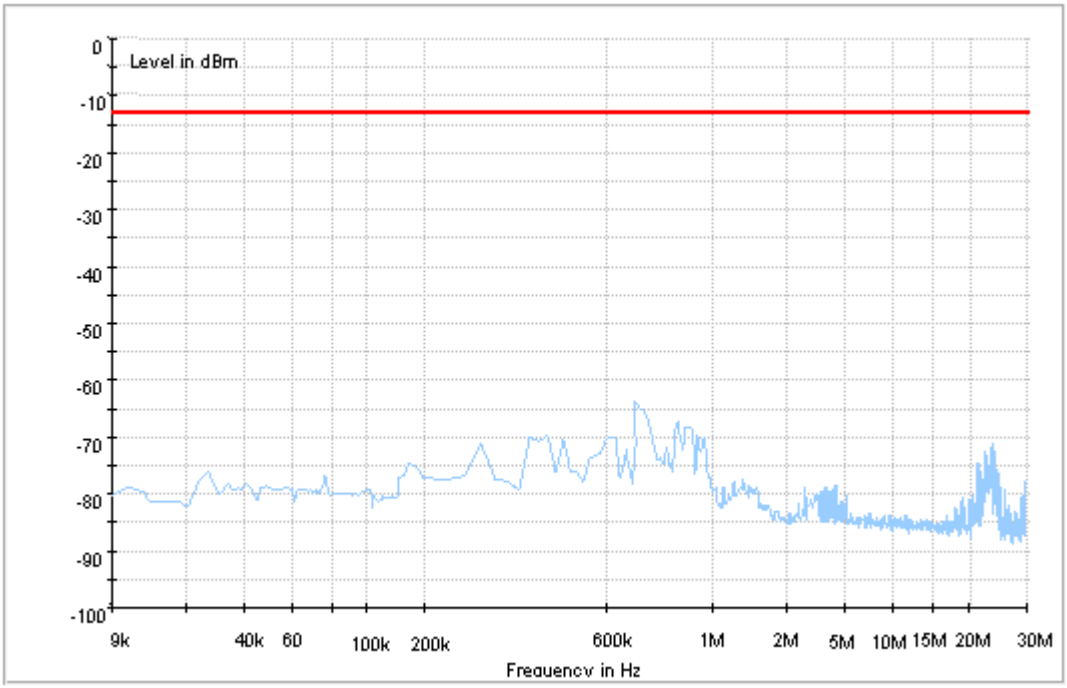
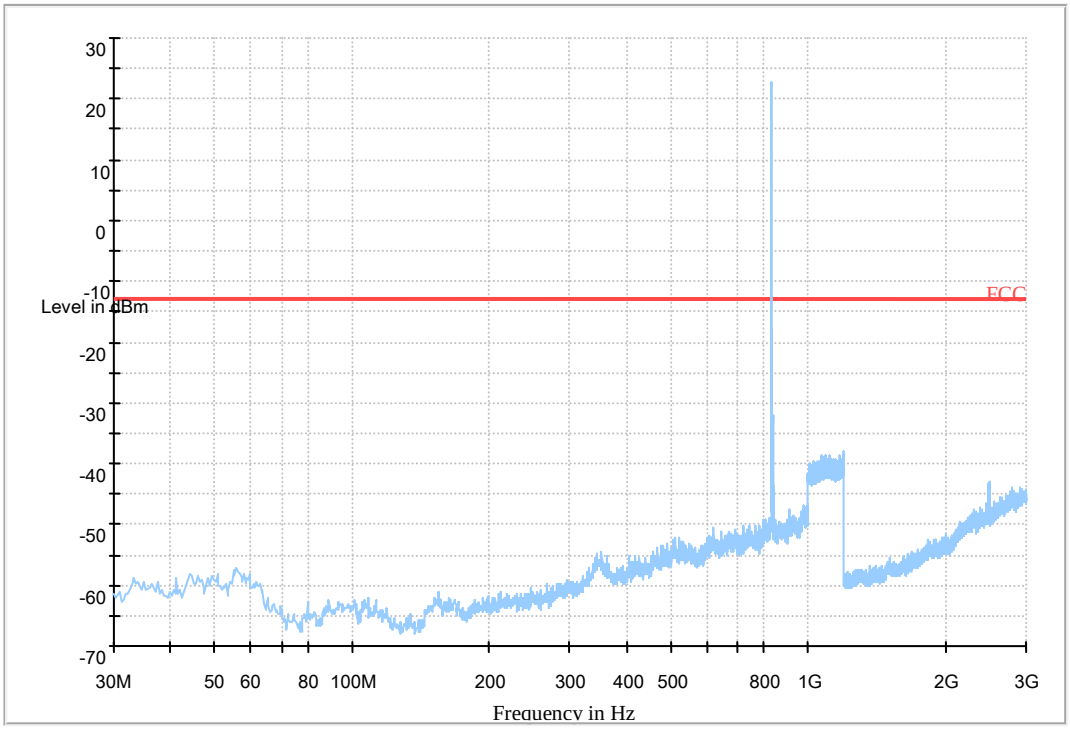
7.1.1.3 Test Bandwidth = 15



Copy of RSE-TX-DIRECTOR BELOW 1G_L



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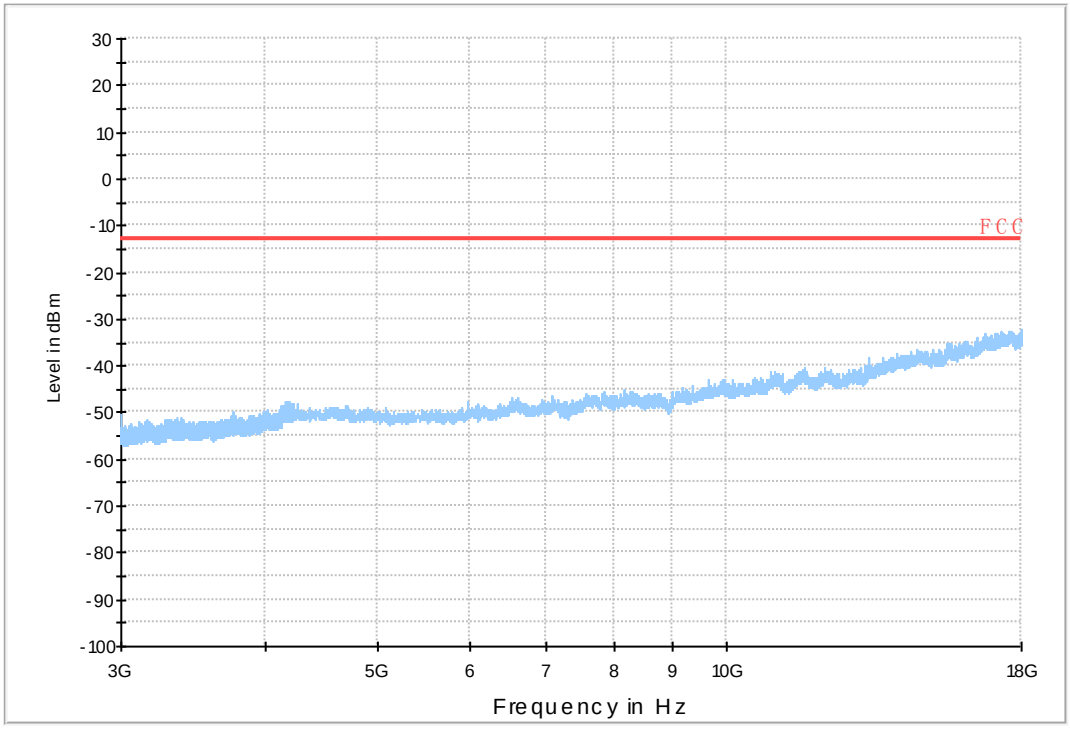
Copy of FCC PART22 GSM850_H



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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
BAND26	LTE/TM1	1.4	LCH	TN	VL	-1.73	-0.0021	PASS
					VN	-0.62	-0.00075	PASS
					VH	-8.51	-0.01032	PASS
			MCH	TN	VL	-0.57	-0.00068	PASS
					VN	-2.86	-0.00342	PASS
					VH	0.1	0.00012	PASS
			HCH	TN	VL	-1.96	-0.00231	PASS
					VN	0.86	0.00101	PASS
					VH	-0.3	-0.00035	PASS
		3	LCH	TN	VL	2.93	0.00355	PASS
					VN	3.98	0.00482	PASS
					VH	-0.7	-0.00085	PASS
			MCH	TN	VL	-2.66	-0.00318	PASS
					VN	-2.35	-0.00281	PASS
					VH	-2.2	-0.00263	PASS
			HCH	TN	VL	-2.73	-0.00322	PASS
					VN	-2.63	-0.0031	PASS
					VH	-3.03	-0.00358	PASS
		5	LCH	TN	VL	-1.27	-0.00154	PASS
					VN	-2.57	-0.00311	PASS
					VH	-3.22	-0.0039	PASS
			MCH	TN	VL	-1.29	-0.00154	PASS
					VN	-0.64	-0.00077	PASS
					VH	0.46	0.00055	PASS
			HCH	TN	VL	-0.69	-0.00082	PASS
					VN	0.5	0.00059	PASS
					VH	1.03	0.00122	PASS
		10	LCH	TN	VL	-1.22	-0.00147	PASS
					VN	-1.14	-0.00138	PASS
					VH	-1.59	-0.00192	PASS
			MCH	TN	VL	0.82	0.00098	PASS
					VN	0.72	0.00086	PASS
					VH	-1.5	-0.00179	PASS
			HCH	TN	VL	-0.34	-0.0004	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	0.51	0.0006	PASS
					VH	1.1	0.0013	PASS
		15	LCH	TN	VL	-0.07	-0.00008	PASS
					VN	-1.62	-0.00195	PASS
					VH	-1.27	-0.00153	PASS
			MCH	TN	VL	0.11	0.00013	PASS
					VN	0.34	0.00041	PASS
					VH	-1.2	-0.00143	PASS
			HCH	TN	VL	-1.14	-0.00135	PASS
					VN	-0.14	-0.00017	PASS
					VH	-2.15	-0.00255	PASS
	LTE/TM2	1.4	LCH	TN	VL	-0.23	-0.00028	PASS
					VN	-4.98	-0.00604	PASS
					VH	-0.24	-0.00029	PASS
			MCH	TN	VL	0.39	0.00047	PASS
					VN	-1.4	-0.00167	PASS
					VH	-1.46	-0.00175	PASS
			HCH	TN	VL	-1.12	-0.00132	PASS
					VN	-0.24	-0.00028	PASS
					VH	-0.17	-0.0002	PASS
		3	LCH	TN	VL	-1.54	-0.00187	PASS
					VN	0.7	0.00085	PASS
					VH	-0.51	-0.00062	PASS
			MCH	TN	VL	1.89	0.00226	PASS
					VN	-3.4	-0.00406	PASS
					VH	-0.86	-0.00103	PASS
			HCH	TN	VL	-3.85	-0.00454	PASS
					VN	-1.83	-0.00216	PASS
					VH	-1.5	-0.00177	PASS
		5	LCH	TN	VL	-1.12	-0.00136	PASS
					VN	0.26	0.00031	PASS
					VH	-0.79	-0.00096	PASS
			MCH	TN	VL	-1.57	-0.00188	PASS
					VN	-0.97	-0.00116	PASS
					VH	-0.79	-0.00094	PASS
			HCH	TN	VL	1.07	0.00126	PASS
					VN	-1.72	-0.00203	PASS
					VH	0.27	0.00032	PASS
		10	LCH	TN	VL	-1.66	-0.002	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	-0.14	-0.00017	PASS
					VH	-1.7	-0.00205	PASS
			MCH	TN	VL	-0.82	-0.00098	PASS
					VN	-0.73	-0.00087	PASS
					VH	-2.4	-0.00287	PASS
			HCH	TN	VL	-1.73	-0.00205	PASS
					VN	-0.33	-0.00039	PASS
					VH	0.82	0.00097	PASS
		15	LCH	TN	VL	0.49	0.00059	PASS
					VN	-0.9	-0.00108	PASS
					VH	-0.01	-0.00001	PASS
			MCH	TN	VL	-0.13	-0.00016	PASS
					VN	-1.79	-0.00214	PASS
					VH	-0.92	-0.0011	PASS
			HCH	TN	VL	-2.06	-0.00245	PASS
					VN	-2.03	-0.00241	PASS
					VH	0.51	0.00061	PASS

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
BAND26	LTE/TM1	1.4	LCH	VN	-30	-0.24	-0.00029	PASS
					-20	-1.66	-0.00201	PASS
					-10	-4.03	-0.00489	PASS
					0	-2.88	-0.00349	PASS
					10	-2.49	-0.00302	PASS
					20	-2.86	-0.00347	PASS
					30	-0.5	-0.00061	PASS
					40	-6.01	-0.00729	PASS
					50	-2.13	-0.00258	PASS
			MCH	VN	-30	-0.7	-0.00084	PASS
					-20	-0.86	-0.00103	PASS
					-10	0.11	0.00013	PASS
					0	-0.26	-0.00031	PASS
					10	-0.36	-0.00043	PASS
					20	-3.52	-0.00421	PASS
					30	0.26	0.00031	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	-1.65	-0.00197	PASS
					50	-2.39	-0.00286	PASS
			HCH	VN	-30	-1.46	-0.00172	PASS
					-20	-0.89	-0.00105	PASS
					-10	-1.44	-0.0017	PASS
					0	1.16	0.00137	PASS
					10	-0.21	-0.00025	PASS
					20	0.51	0.0006	PASS
					30	1.56	0.00184	PASS
					40	-2.1	-0.00248	PASS
					50	-0.62	-0.00073	PASS
		3	LCH	VN	-30	2.13	0.00258	PASS
					-20	0.16	0.00019	PASS
					-10	-2.47	-0.00299	PASS
					0	0.39	0.00047	PASS
					10	-1.93	-0.00234	PASS
					20	0.41	0.0005	PASS
					30	2.07	0.00251	PASS
					40	-3.3	-0.004	PASS
					50	0	0	PASS
			MCH	VN	-30	1.33	0.00159	PASS
					-20	-3.69	-0.00441	PASS
					-10	0.83	0.00099	PASS
					0	0.43	0.00051	PASS
					10	-2.22	-0.00265	PASS
					20	0.29	0.00035	PASS
					30	-5.18	-0.00619	PASS
					40	-2.9	-0.00347	PASS
					50	-0.47	-0.00056	PASS
			HCH	VN	-30	-3.88	-0.00458	PASS
					-20	-1.09	-0.00129	PASS
					-10	-1.43	-0.00169	PASS
					0	-1.47	-0.00173	PASS
					10	-1.32	-0.00156	PASS
					20	0.21	0.00025	PASS
					30	-2.17	-0.00256	PASS
					40	-3.72	-0.00439	PASS
					50	-5.34	-0.0063	PASS
		5	LCH	VN	-30	-0.92	-0.00111	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	-3.22	-0.0039	PASS
					-10	-2.76	-0.00334	PASS
					0	-2.13	-0.00258	PASS
					10	-0.82	-0.00099	PASS
					20	-0.76	-0.00092	PASS
					30	-1.03	-0.00125	PASS
					40	-2.27	-0.00275	PASS
					50	-1.87	-0.00226	PASS
			MCH	VN	-30	-0.87	-0.00104	PASS
					-20	-0.31	-0.00037	PASS
					-10	1.13	0.00135	PASS
					0	1.1	0.00132	PASS
					10	-1.09	-0.0013	PASS
					20	0.76	0.00091	PASS
					30	1.07	0.00128	PASS
					40	-0.51	-0.00061	PASS
					50	-0.04	-0.00005	PASS
			HCH	VN	-30	-0.97	-0.00115	PASS
					-20	-0.7	-0.00083	PASS
					-10	0.36	0.00043	PASS
					0	-0.04	-0.00005	PASS
					10	-0.74	-0.00087	PASS
					20	0.46	0.00054	PASS
					30	-1.47	-0.00174	PASS
					40	0.62	0.00073	PASS
					50	-3.28	-0.00387	PASS
		10	LCH	VN	-30	-2.03	-0.00245	PASS
					-20	0.46	0.00055	PASS
					-10	0.59	0.00071	PASS
					0	1.42	0.00171	PASS
					10	-0.64	-0.00077	PASS
					20	0.07	0.00008	PASS
					30	-0.77	-0.00093	PASS
					40	-0.3	-0.00036	PASS
					50	-1.82	-0.0022	PASS
			MCH	VN	-30	-1.47	-0.00176	PASS
					-20	-1.12	-0.00134	PASS
					-10	0.17	0.0002	PASS
					0	0.27	0.00032	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	-1.82	-0.00218	PASS
					20	-0.56	-0.00067	PASS
					30	-0.53	-0.00063	PASS
					40	-0.89	-0.00106	PASS
					50	-1.53	-0.00183	PASS
			HCH	VN	-30	0.6	0.00071	PASS
					-20	-0.59	-0.0007	PASS
					-10	0.41	0.00049	PASS
					0	0.11	0.00013	PASS
					10	0.93	0.0011	PASS
					20	-0.96	-0.00114	PASS
					30	1.69	0.002	PASS
					40	0.43	0.00051	PASS
					50	0.36	0.00043	PASS
		15	LCH	VN	-30	0.47	0.00057	PASS
					-20	0.54	0.00065	PASS
					-10	-0.04	-0.00005	PASS
					0	-0.26	-0.00031	PASS
					10	0.31	0.00037	PASS
					20	0.89	0.00107	PASS
					30	0.3	0.00036	PASS
					40	0.51	0.00061	PASS
					50	0.14	0.00017	PASS
			MCH	VN	-30	0.47	0.00056	PASS
					-20	-1.07	-0.00128	PASS
					-10	1.79	0.00214	PASS
					0	-0.56	-0.00067	PASS
					10	-0.44	-0.00053	PASS
					20	-1.5	-0.00179	PASS
					30	0.69	0.00082	PASS
					40	0.26	0.00031	PASS
					50	0.41	0.00049	PASS
			HCH	VN	-30	-1.87	-0.00222	PASS
					-20	-2.1	-0.0025	PASS
					-10	-2.09	-0.00248	PASS
					0	-1.85	-0.0022	PASS
					10	-3.08	-0.00366	PASS
					20	-1.86	-0.00221	PASS
					30	-1.24	-0.00147	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	-2.46	-0.00292	PASS
					50	-2.66	-0.00316	PASS
	LTE/TM2	1.4	LCH	VN	-30	-6.11	-0.00741	PASS
					-20	-3.93	-0.00477	PASS
					-10	-2.37	-0.00287	PASS
					0	-6.75	-0.00818	PASS
					10	-4.49	-0.00544	PASS
					20	-2.42	-0.00293	PASS
					30	-1.12	-0.00136	PASS
					40	1.82	0.00221	PASS
					50	-4.09	-0.00496	PASS
			MCH	VN	-30	-1.57	-0.00188	PASS
					-20	-0.3	-0.00036	PASS
					-10	0.09	0.00011	PASS
					0	-4.16	-0.00497	PASS
					10	0.51	0.00061	PASS
					20	-1.46	-0.00175	PASS
					30	-0.92	-0.0011	PASS
					40	0.27	0.00032	PASS
					50	-4.03	-0.00482	PASS
			HCH	VN	-30	-0.99	-0.00117	PASS
					-20	-1.36	-0.0016	PASS
					-10	-0.44	-0.00052	PASS
					0	-0.97	-0.00114	PASS
					10	0.72	0.00085	PASS
					20	1.1	0.0013	PASS
					30	1.03	0.00121	PASS
					40	-1	-0.00118	PASS
					50	0.87	0.00103	PASS
		3	LCH	VN	-30	-0.72	-0.00087	PASS
					-20	-4.86	-0.00589	PASS
					-10	-0.33	-0.0004	PASS
					0	1.03	0.00125	PASS
					10	-1.9	-0.0023	PASS
					20	1.86	0.00225	PASS
					30	-1.37	-0.00166	PASS
					40	-2.26	-0.00274	PASS
					50	-2.46	-0.00298	PASS
			MCH	VN	-30	-0.09	-0.00011	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	-2.25	-0.00269	PASS
					-10	-1.23	-0.00147	PASS
					0	0.13	0.00016	PASS
					10	-1.85	-0.00221	PASS
					20	-1.24	-0.00148	PASS
					30	-0.86	-0.00103	PASS
					40	-2.49	-0.00298	PASS
					50	1.7	0.00203	PASS
			HCH	VN	-30	-2	-0.00236	PASS
					-20	-1.32	-0.00156	PASS
					-10	-3.73	-0.0044	PASS
					0	-0.29	-0.00034	PASS
					10	-0.83	-0.00098	PASS
					20	0.57	0.00067	PASS
					30	0.56	0.00066	PASS
					40	-0.94	-0.00111	PASS
					50	-0.34	-0.0004	PASS
		5	LCH	VN	-30	-1.56	-0.00189	PASS
					-20	-4.94	-0.00598	PASS
					-10	-1.06	-0.00128	PASS
					0	-2.5	-0.00302	PASS
					10	-2.07	-0.0025	PASS
					20	-1.56	-0.00189	PASS
					30	-0.4	-0.00048	PASS
					40	-1.23	-0.00149	PASS
					50	1.5	0.00181	PASS
			MCH	VN	-30	1.33	0.00159	PASS
					-20	0.37	0.00044	PASS
					-10	-0.62	-0.00074	PASS
					0	-2.5	-0.00299	PASS
					10	-0.76	-0.00091	PASS
					20	-0.92	-0.0011	PASS
					30	-2.23	-0.00267	PASS
					40	-0.77	-0.00092	PASS
					50	0.26	0.00031	PASS
			HCH	VN	-30	0.3	0.00035	PASS
					-20	-0.41	-0.00048	PASS
					-10	2.69	0.00318	PASS
					0	-1.32	-0.00156	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	0.87	0.00103	PASS
					20	3.81	0.0045	PASS
					30	-1.27	-0.0015	PASS
					40	0.59	0.0007	PASS
					50	0.64	0.00076	PASS
		10	LCH	VN	-30	-1.02	-0.00123	PASS
					-20	-2.43	-0.00293	PASS
					-10	-1.17	-0.00141	PASS
					0	-1.8	-0.00217	PASS
					10	-1.23	-0.00148	PASS
					20	2.25	0.00271	PASS
					30	-2.35	-0.00283	PASS
					40	-0.84	-0.00101	PASS
					50	-0.73	-0.00088	PASS
			MCH	VN	-30	-0.49	-0.00059	PASS
					-20	1.19	0.00142	PASS
					-10	-0.3	-0.00036	PASS
					0	-0.44	-0.00053	PASS
					10	-0.74	-0.00088	PASS
					20	0.59	0.00071	PASS
					30	0.16	0.00019	PASS
					40	-0.72	-0.00086	PASS
					50	-1.36	-0.00163	PASS
			HCH	VN	-30	-1.4	-0.00166	PASS
					-20	-1.83	-0.00217	PASS
					-10	-0.87	-0.00103	PASS
					0	1.07	0.00127	PASS
					10	-0.97	-0.00115	PASS
					20	-1.62	-0.00192	PASS
					30	-3.05	-0.00361	PASS
					40	0.2	0.00024	PASS
					50	1.34	0.00159	PASS
		15	LCH	VN	-30	-0.7	-0.00084	PASS
					-20	2.95	0.00355	PASS
					-10	0.69	0.00083	PASS
					0	0.5	0.0006	PASS
					10	0.99	0.00119	PASS
					20	0.86	0.00103	PASS
					30	-1.53	-0.00184	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	-0.69	-0.00083	PASS
					50	0.77	0.00093	PASS
			MCH	VN	-30	-0.62	-0.00074	PASS
					-20	0.26	0.00031	PASS
					-10	-1.42	-0.0017	PASS
					0	-0.79	-0.00094	PASS
					10	0.14	0.00017	PASS
					20	-0.57	-0.00068	PASS
					30	-0.7	-0.00084	PASS
					40	0.4	0.00048	PASS
					50	0.8	0.00096	PASS
			HCH	VN	-30	-1.03	-0.00122	PASS
					-20	-1.33	-0.00158	PASS
					-10	-2.83	-0.00336	PASS
					0	0.46	0.00055	PASS
					10	-1.33	-0.00158	PASS
					20	-0.72	-0.00086	PASS
					30	0.29	0.00034	PASS
					40	-0.39	-0.00046	PASS
					50	-1.82	-0.00216	PASS

END

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