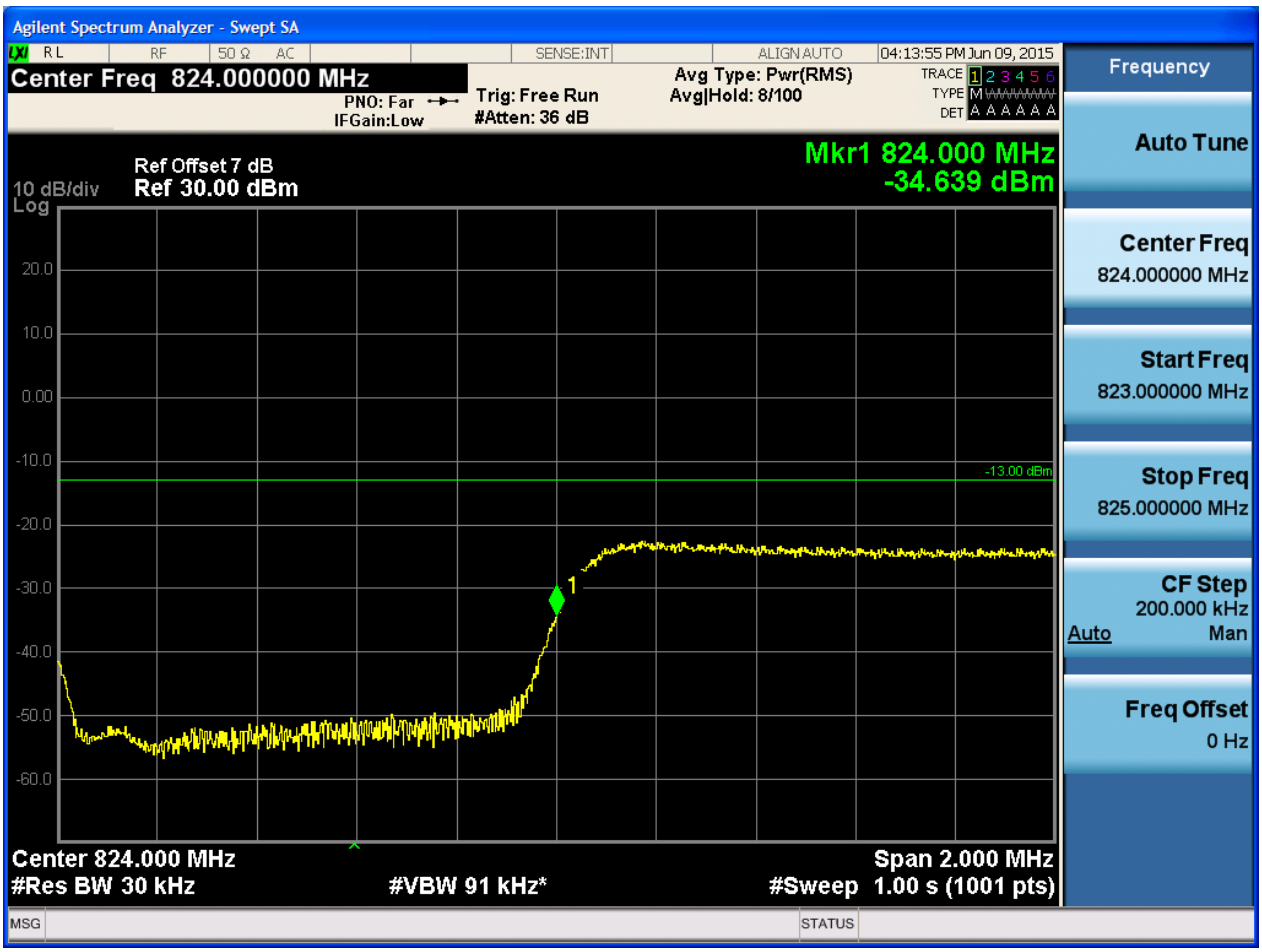
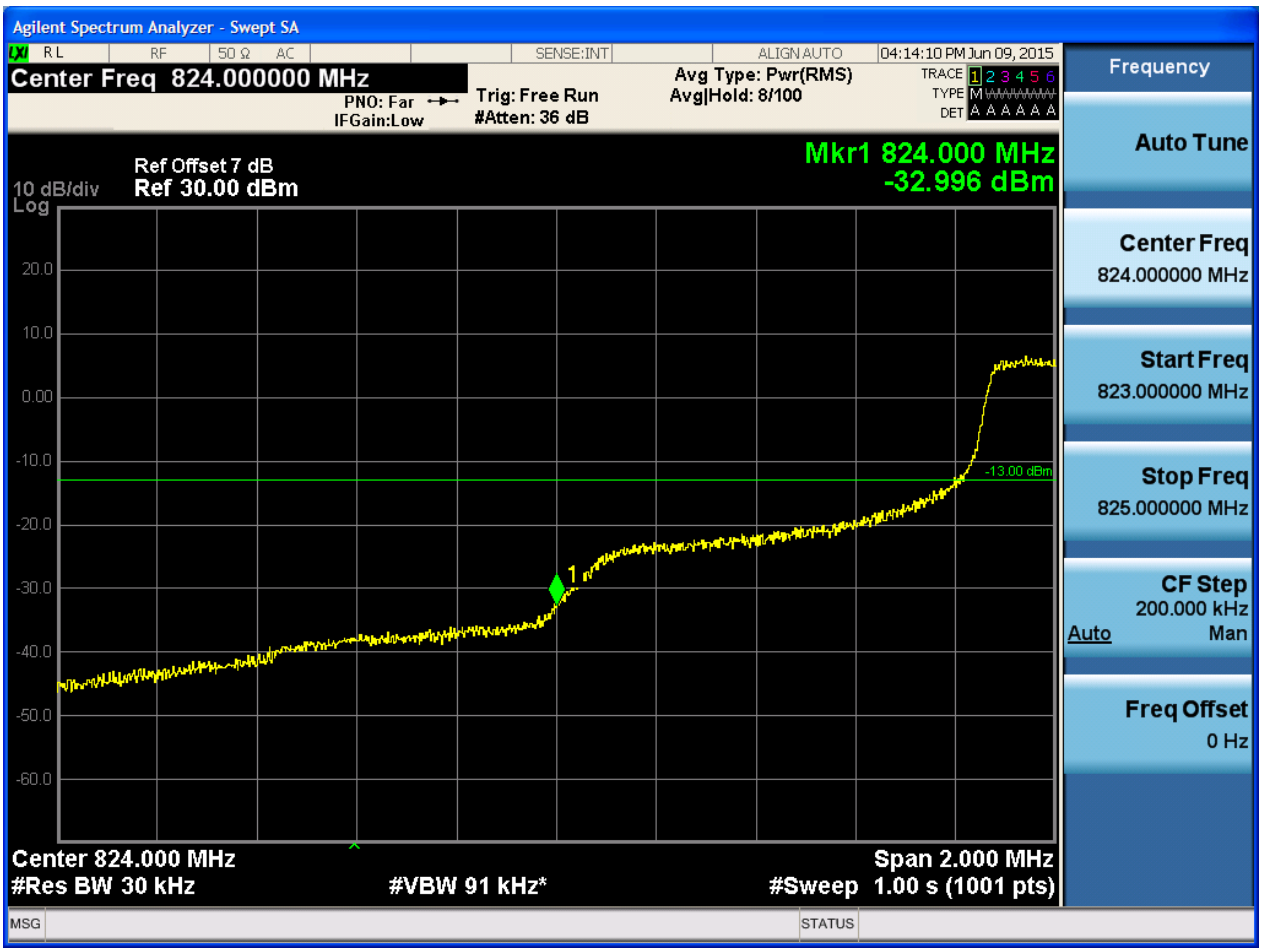
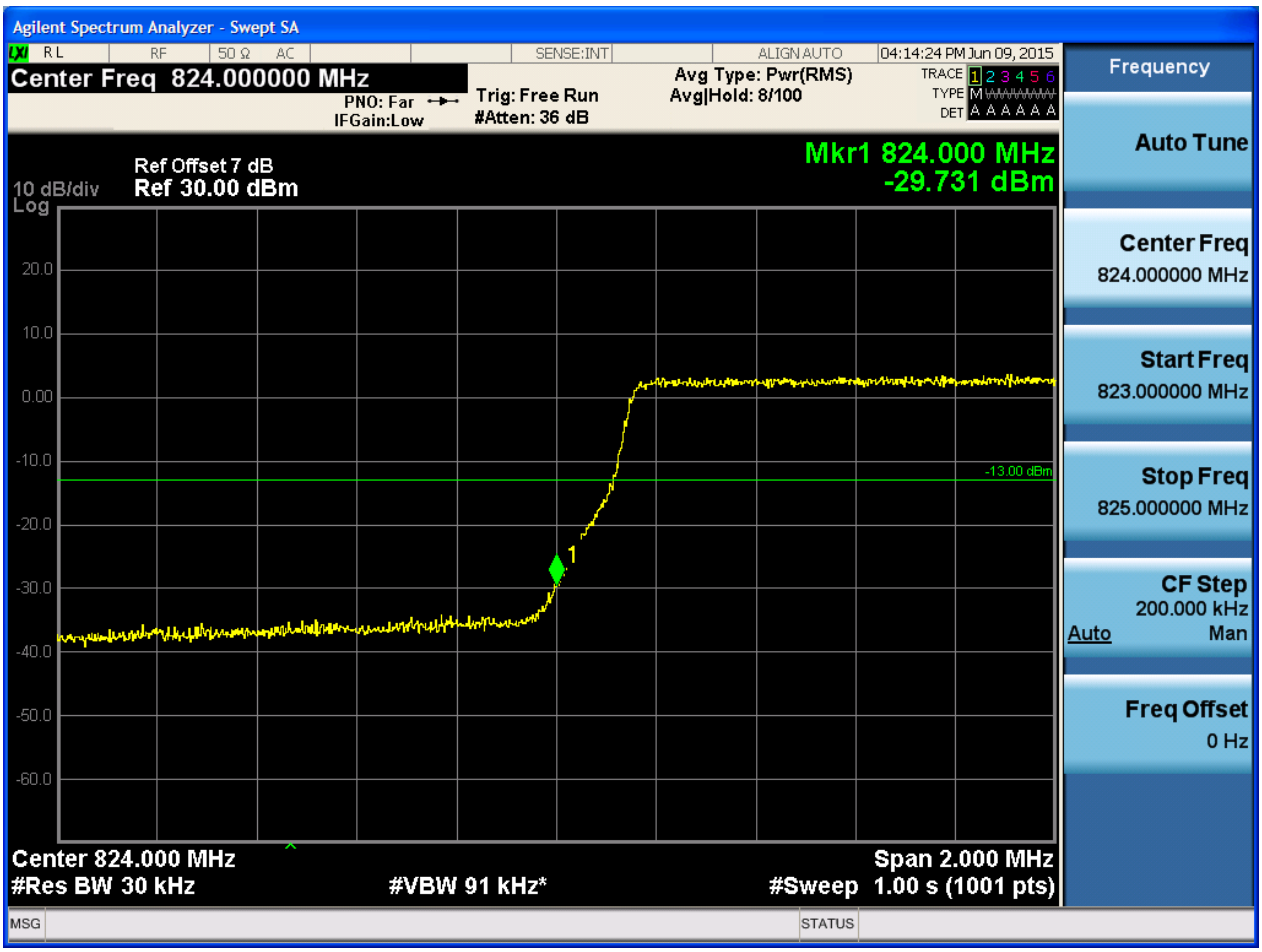
5.1.1.2.2.1.2 Test RB = RB1#14



5.1.1.2.2.1.3 Test RB = RB8#4

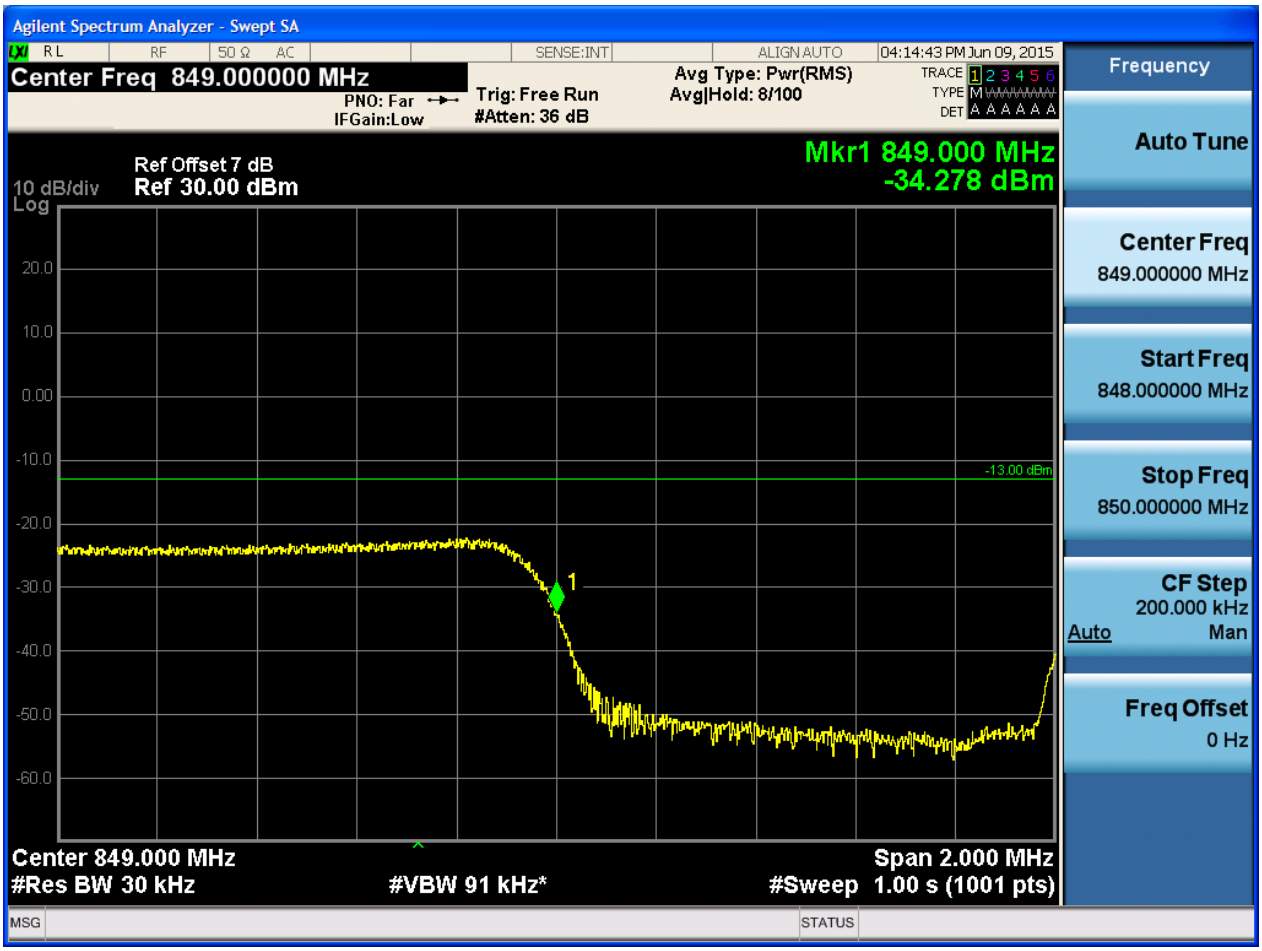


5.1.1.2.2.1.4 Test RB = RB15#0

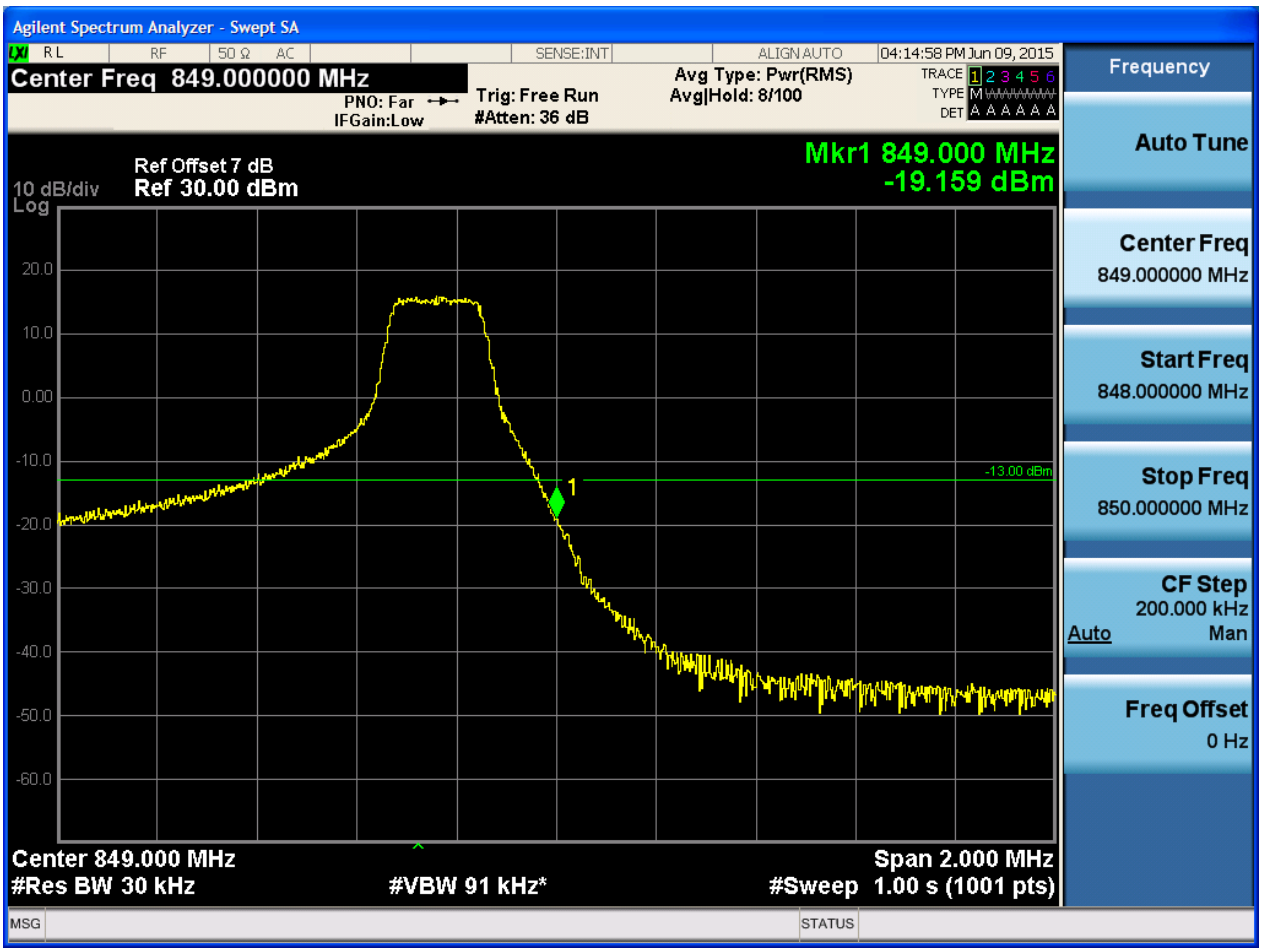


5.1.1.2.2.2 Test Channel = HCH

5.1.1.2.2.2.1 Test RB = RB1#0



5.1.1.2.2.2 Test RB = RB1#14



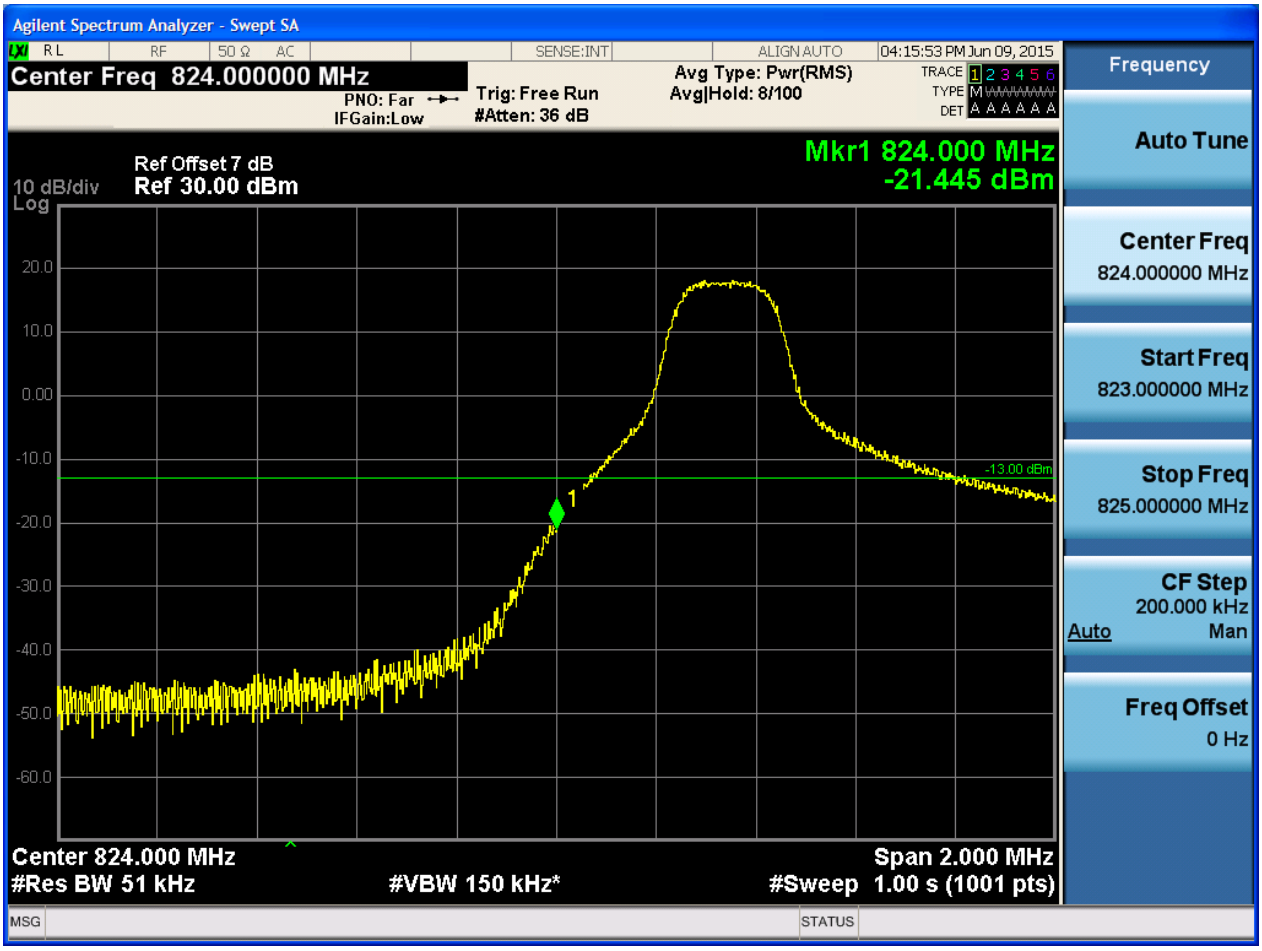
5.1.1.2.2.3 Test RB = RB8#4

5.1.1.2.2.4 Test RB = RB15#0

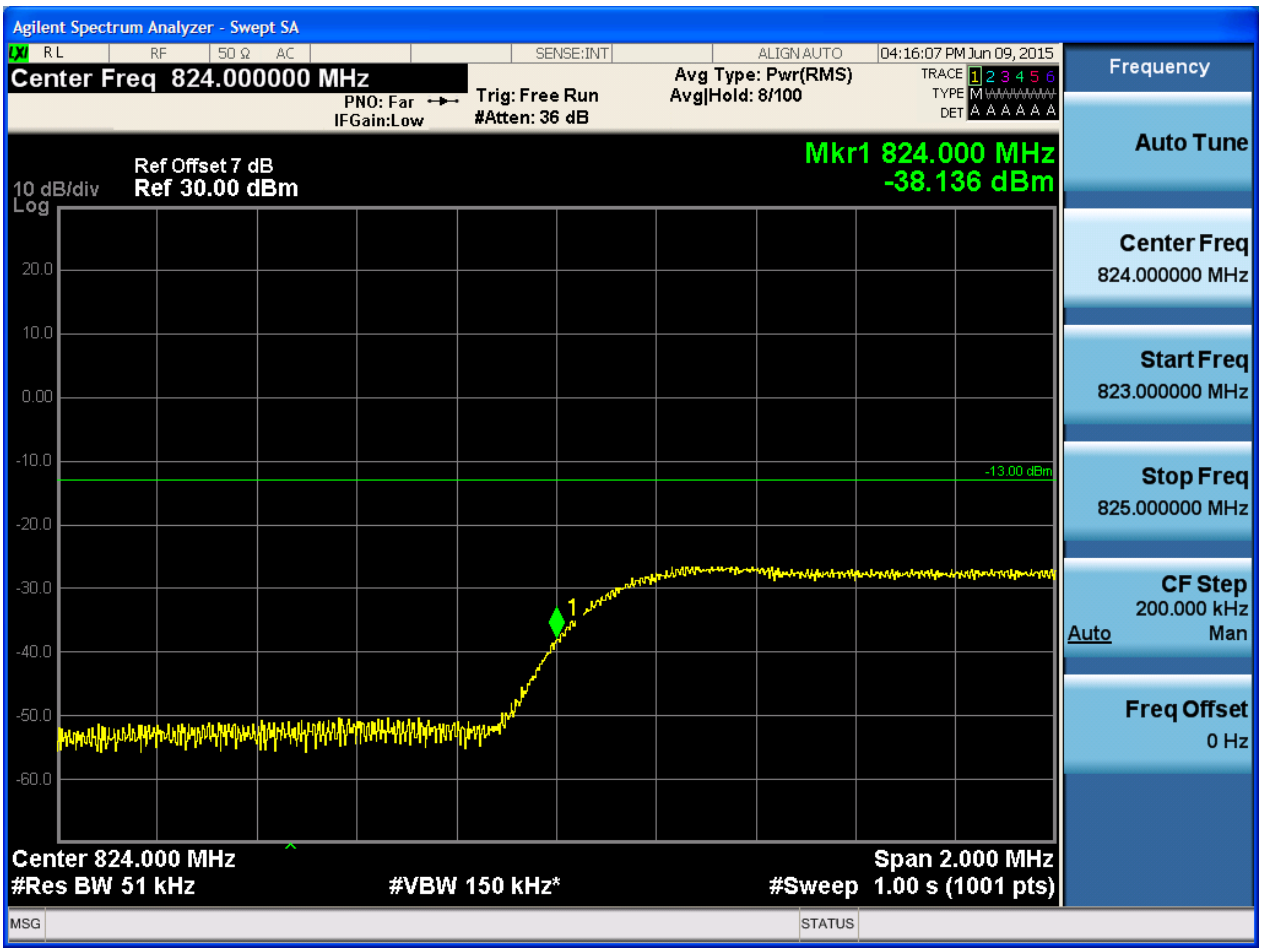
5.1.1.2.3 Test Bandwidth = 5

5.1.1.2.3.1 Test Channel = LCH

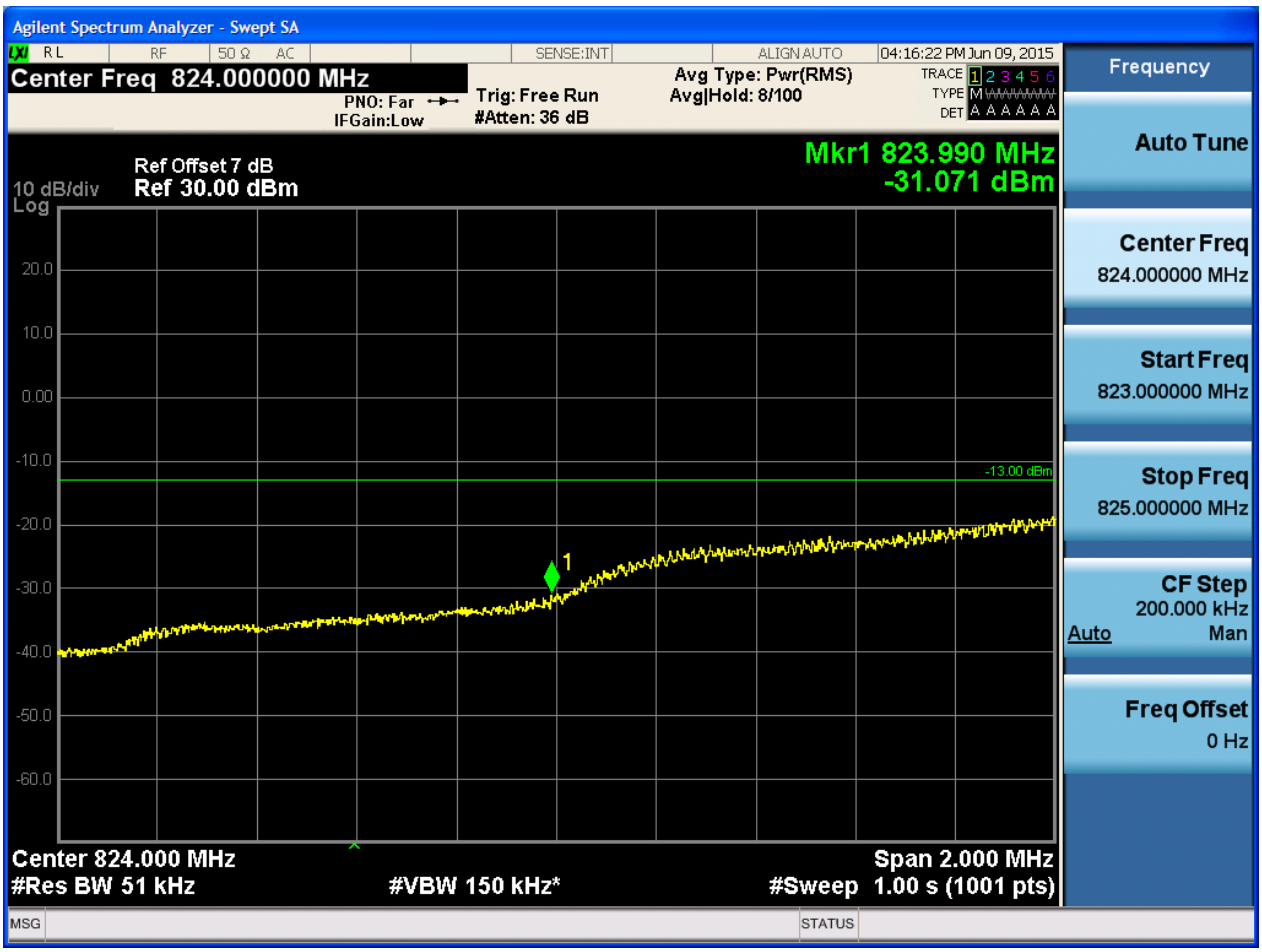
5.1.1.2.3.1.1 Test RB = RB1#0



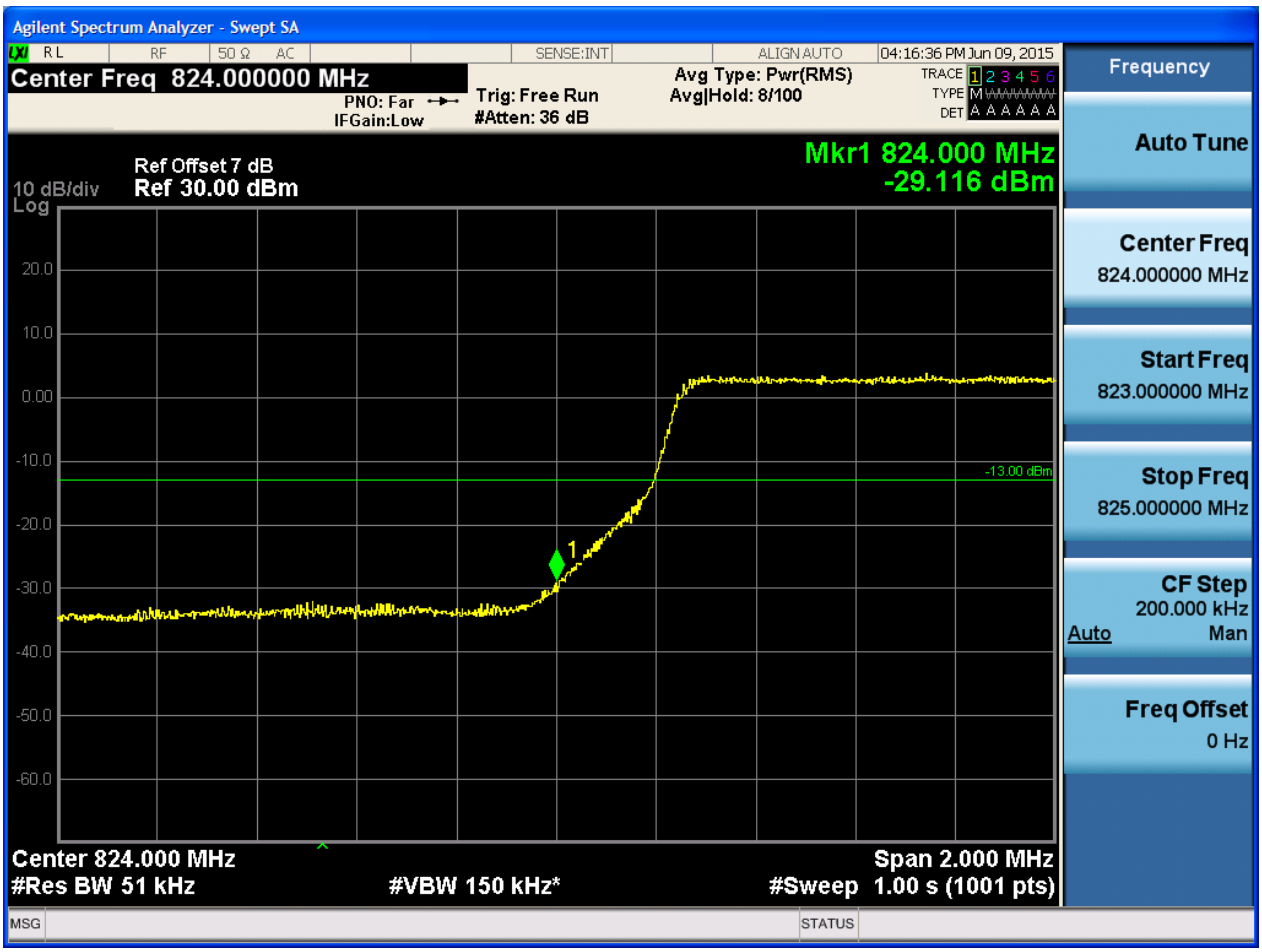
5.1.1.2.3.1.2 Test RB = RB1#24



5.1.1.2.3.1.3 Test RB = RB12#6

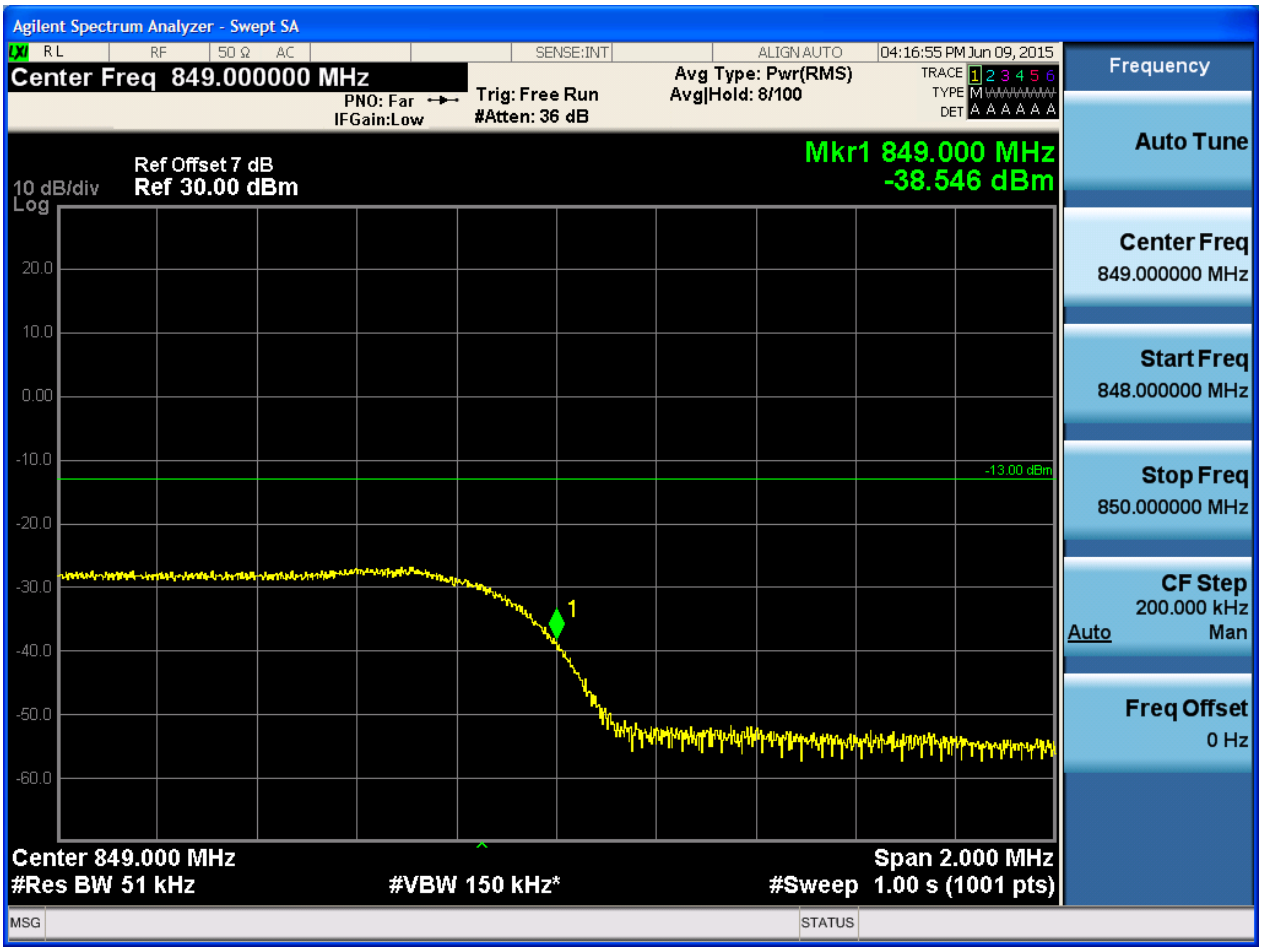


5.1.1.2.3.1.4 Test RB = RB25#0

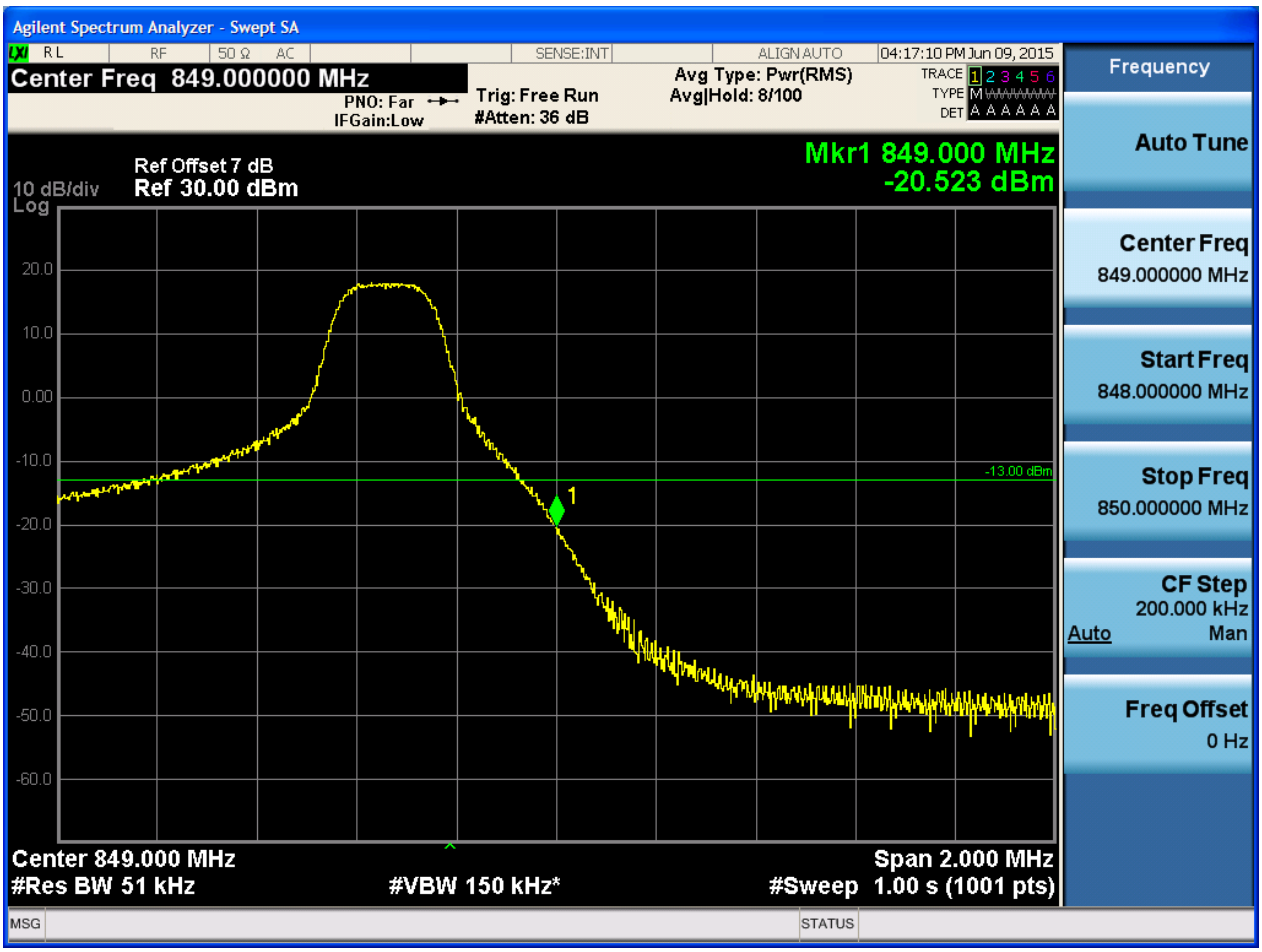


5.1.1.2.3.2 Test Channel = HCH

5.1.1.2.3.2.1 Test RB = RB1#0

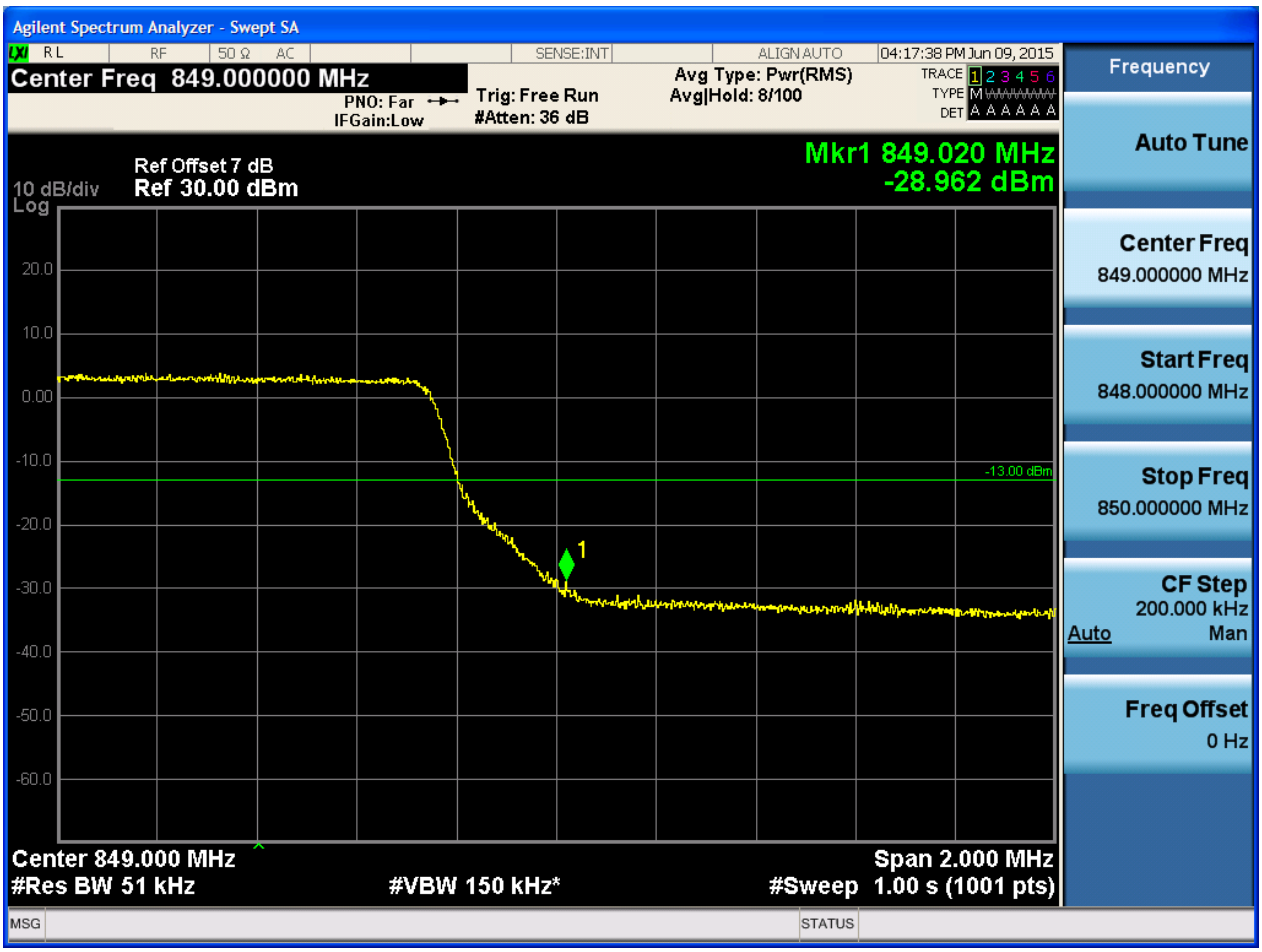


5.1.1.2.3.2.2 Test RB = RB1#24



5.1.1.2.3.2.3 Test RB = RB12#6

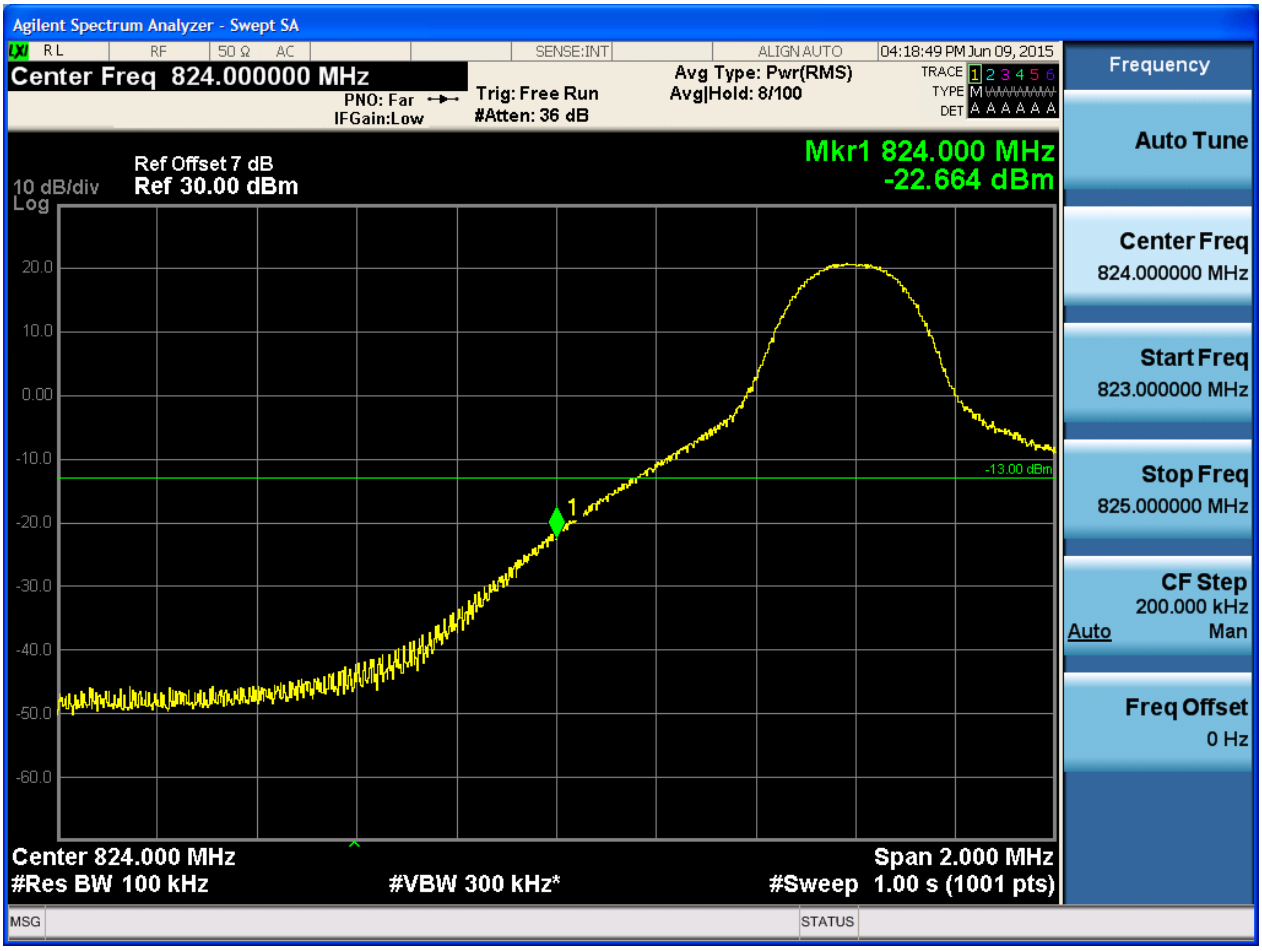
5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

5.1.1.2.4.1 Test Channel = LCH

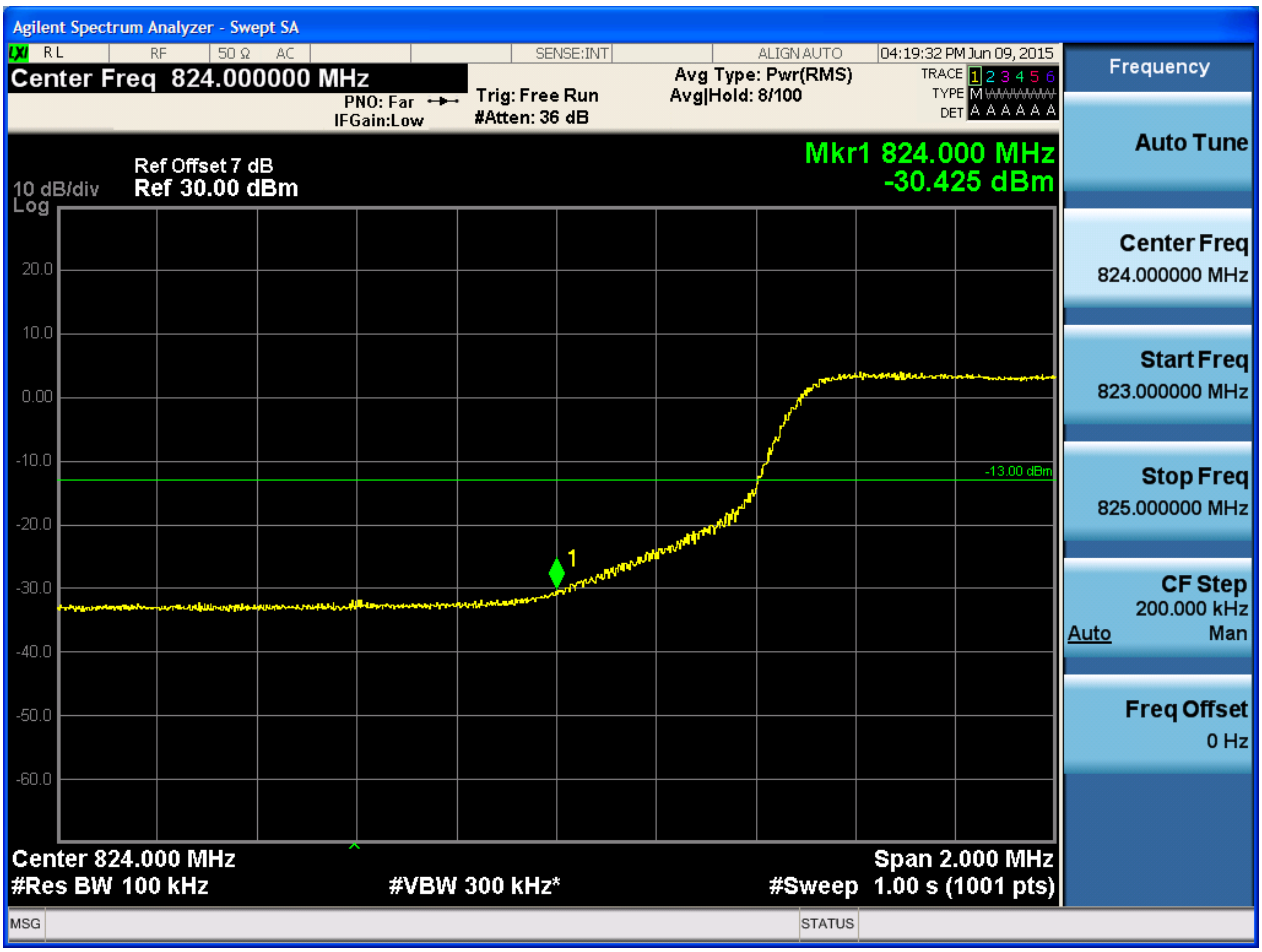
5.1.1.2.4.1.1 Test RB = RB1#0



5.1.1.2.4.1.2 Test RB = RB1#49

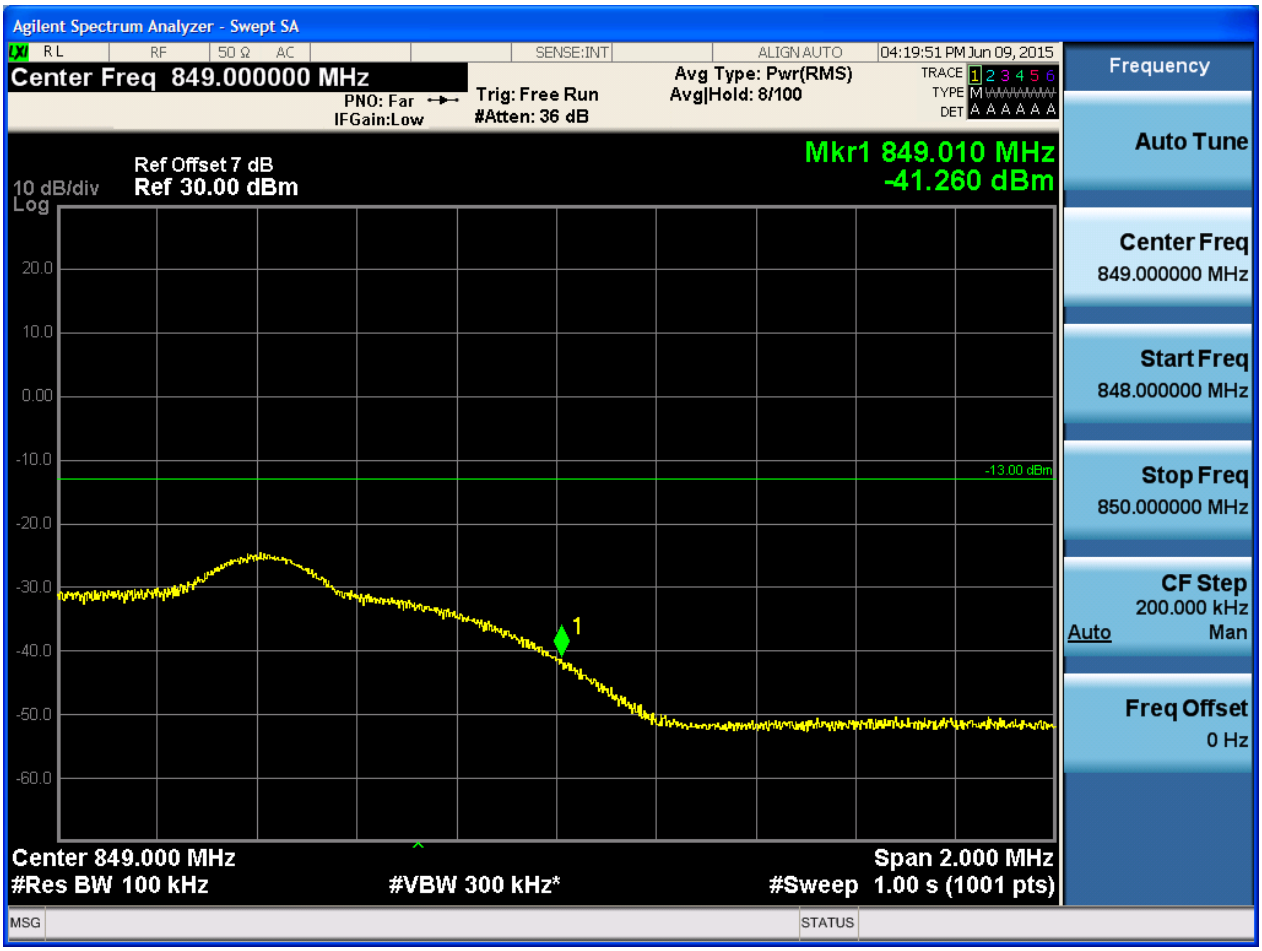
5.1.1.2.4.1.3 Test RB = RB25#13

5.1.1.2.4.1.4 Test RB = RB50#0

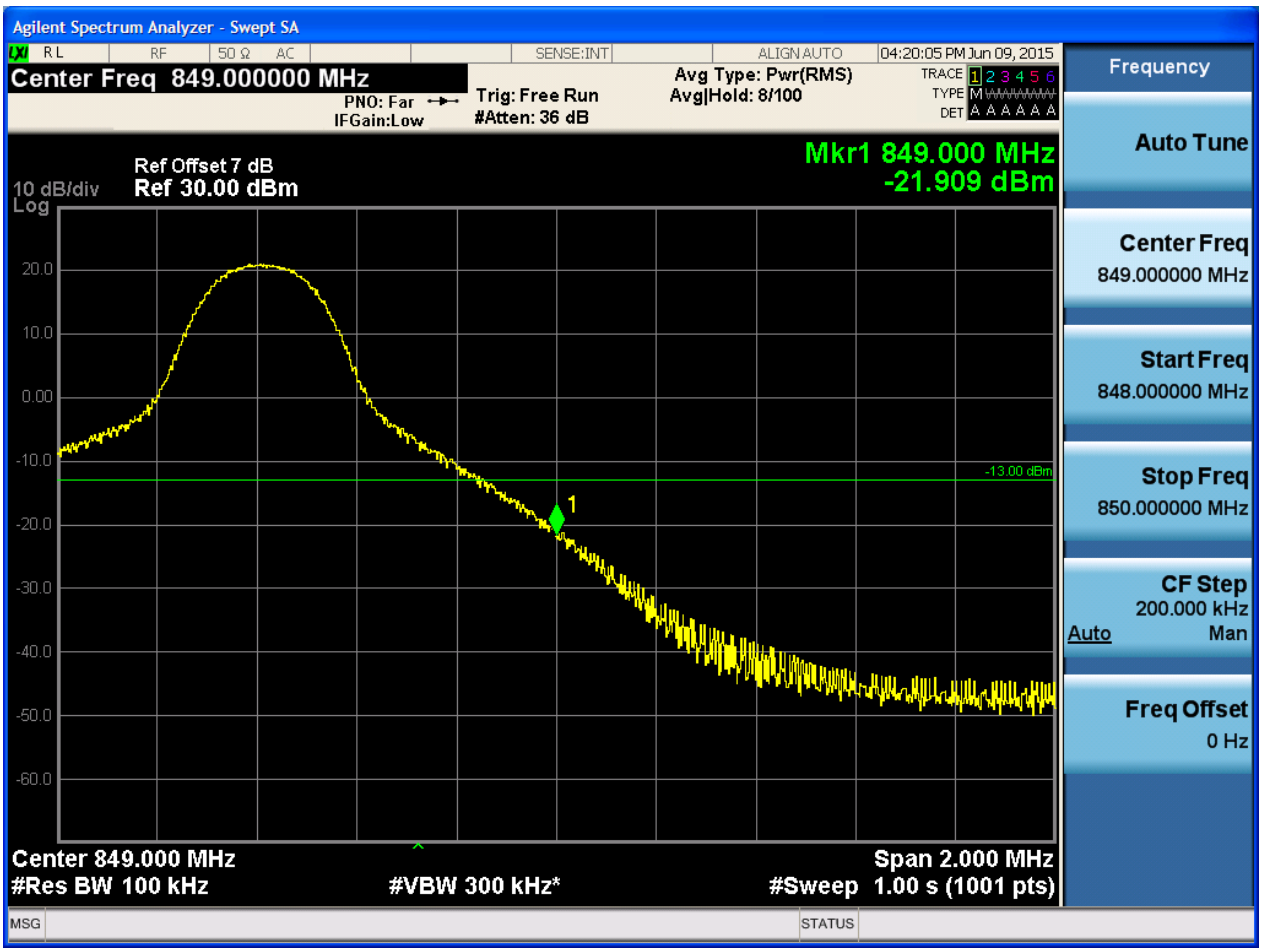


5.1.1.2.4.2 Test Channel = HCH

5.1.1.2.4.2.1 Test RB = RB1#0



5.1.1.2.4.2.2 Test RB = RB1#49



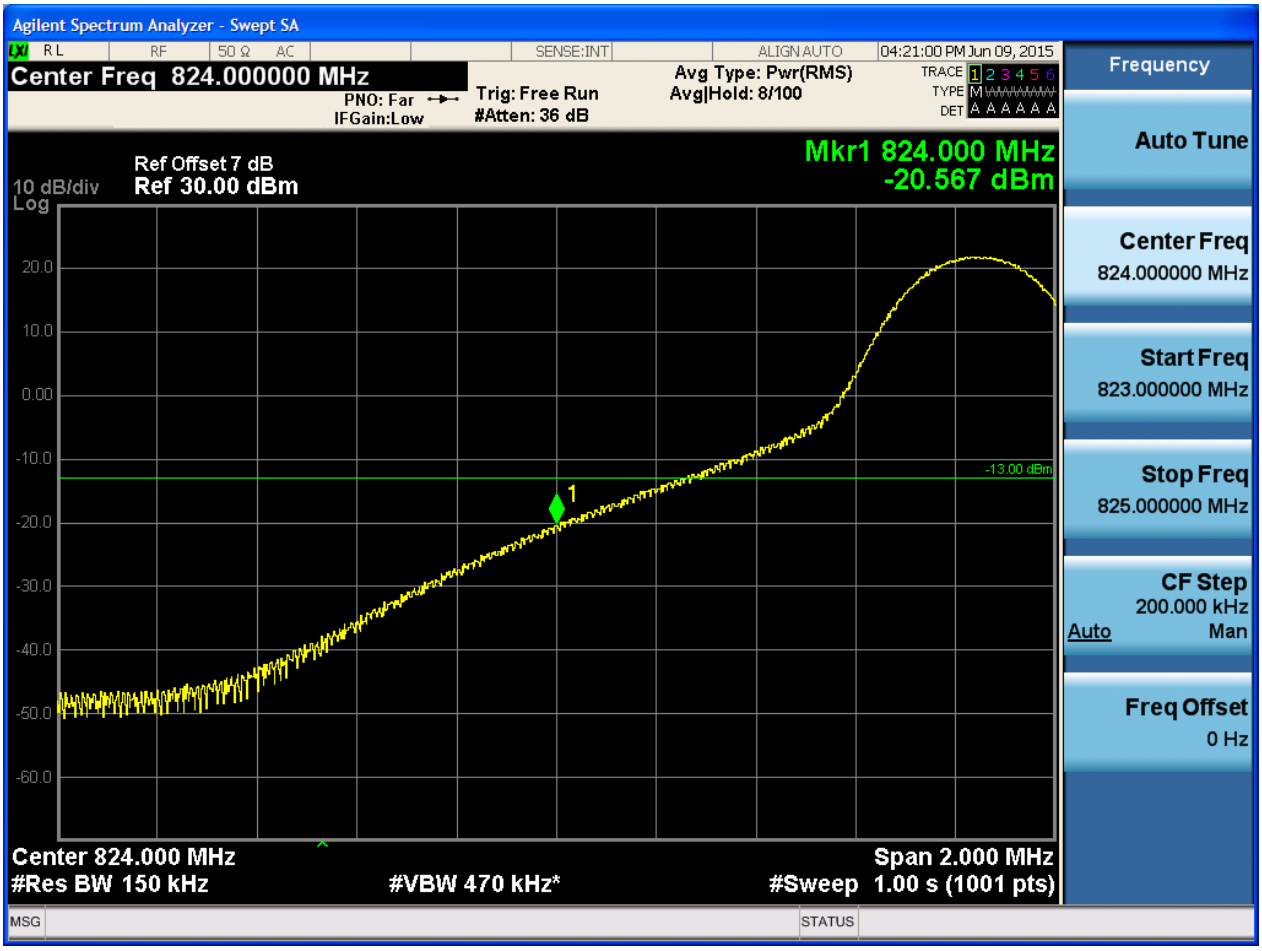
5.1.1.2.4.2.3 Test RB = RB25#13

5.1.1.2.4.2.4 Test RB = RB50#0

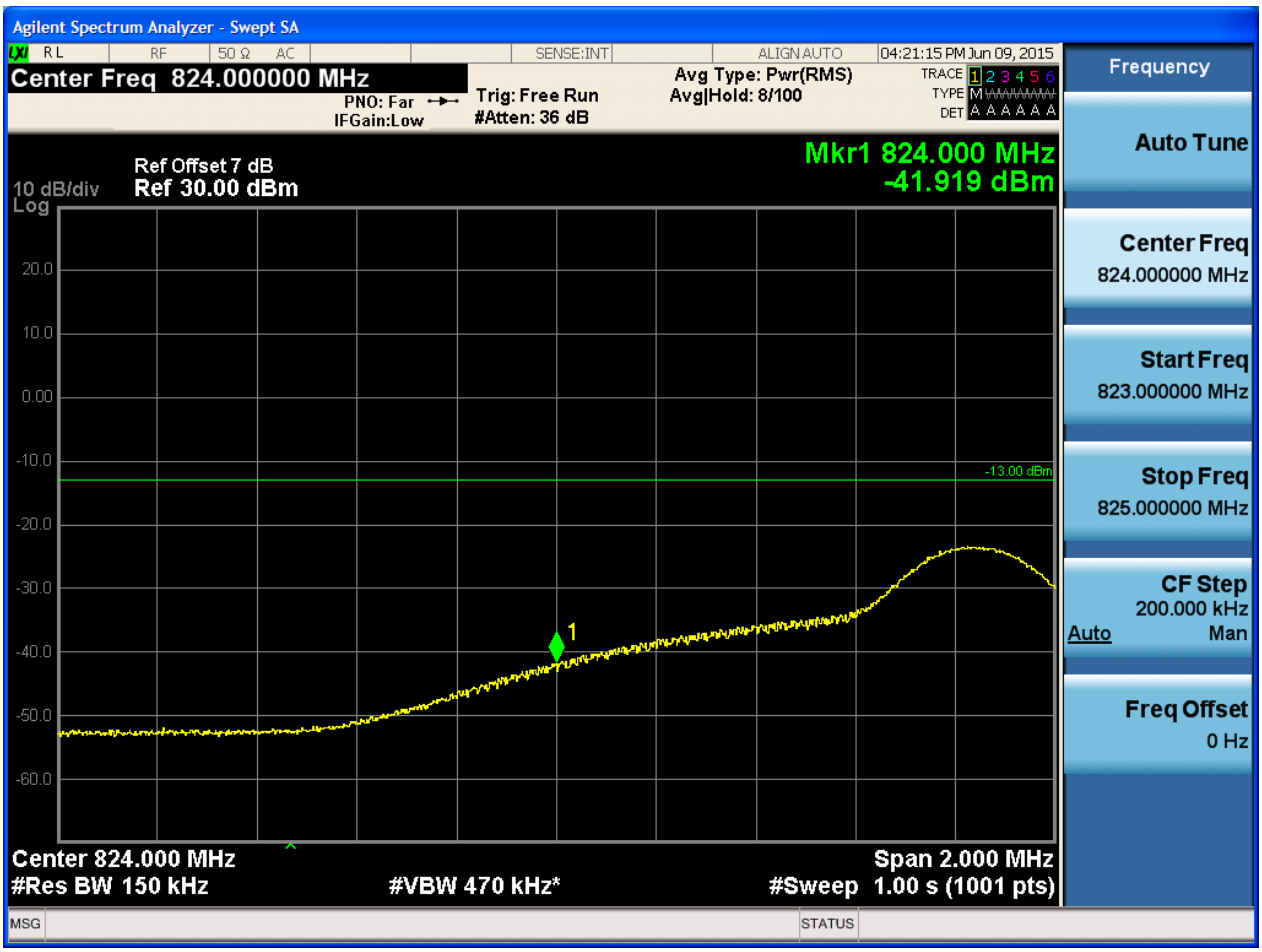
5.1.1.2.5 Test Bandwidth = 15

5.1.1.2.5.1 Test Channel = LCH

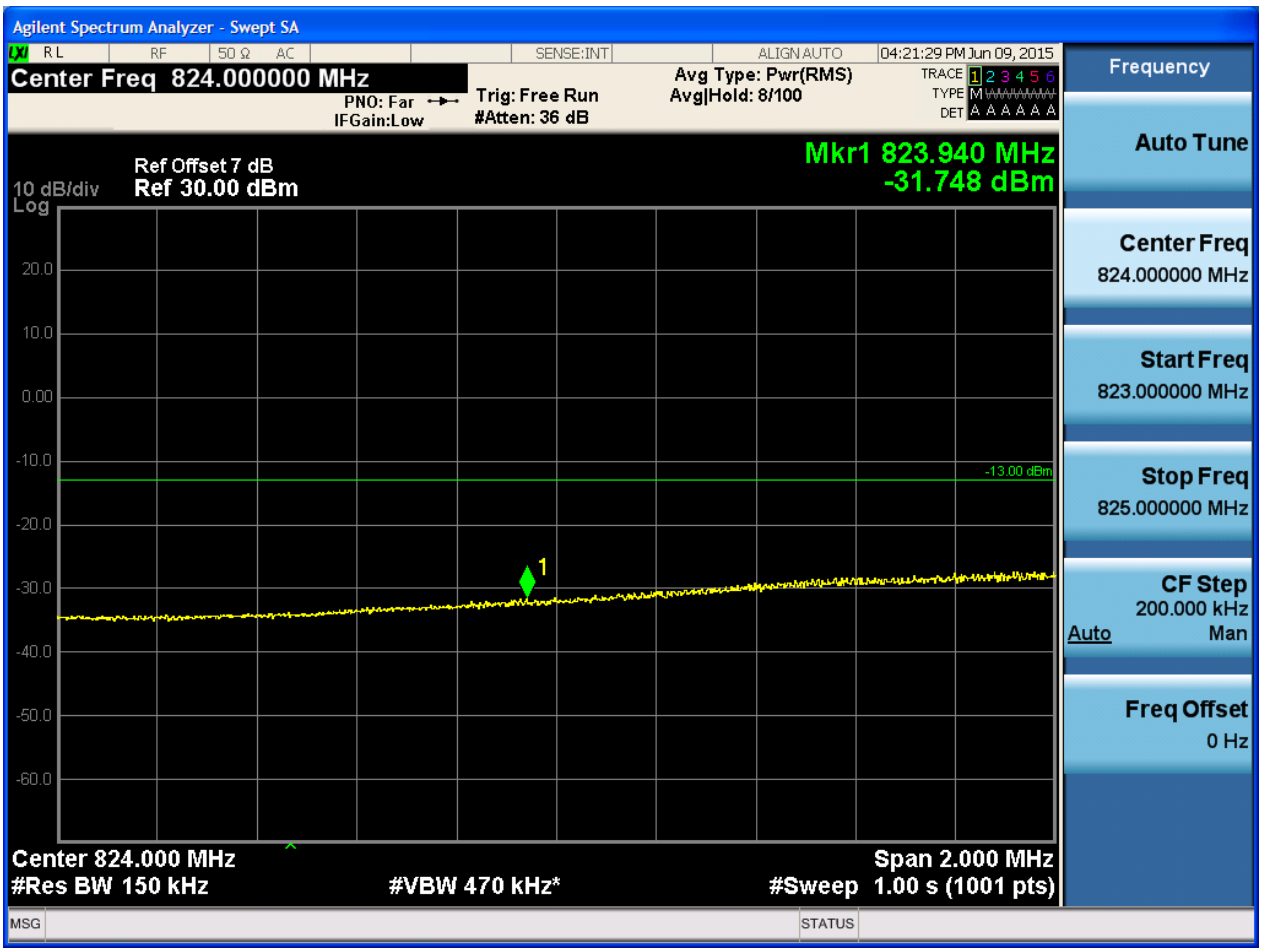
5.1.1.2.5.1.1 Test RB = RB1#0



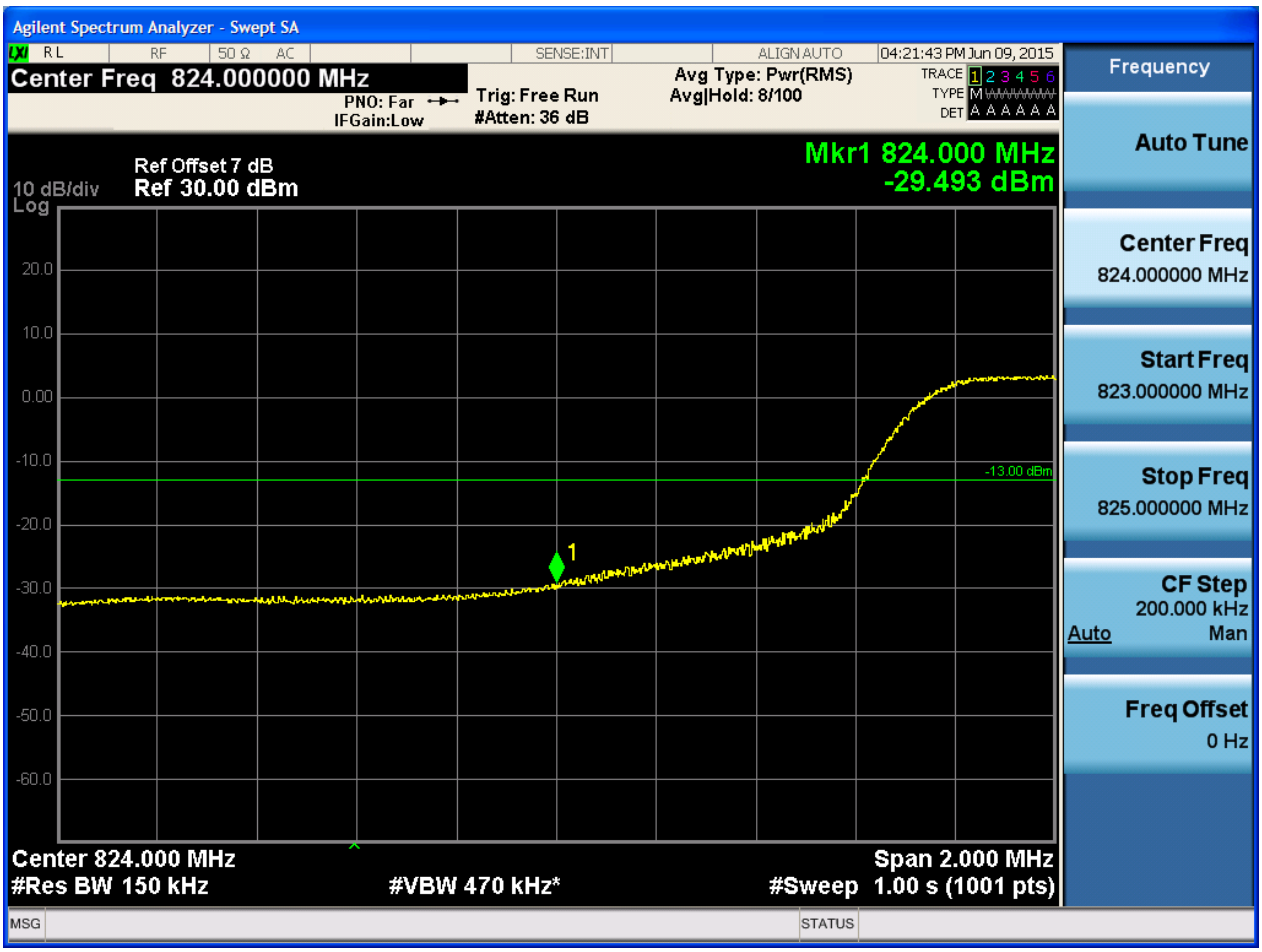
5.1.1.2.5.1.2 Test RB = RB1#74



5.1.1.2.5.1.3 Test RB = RB38#19



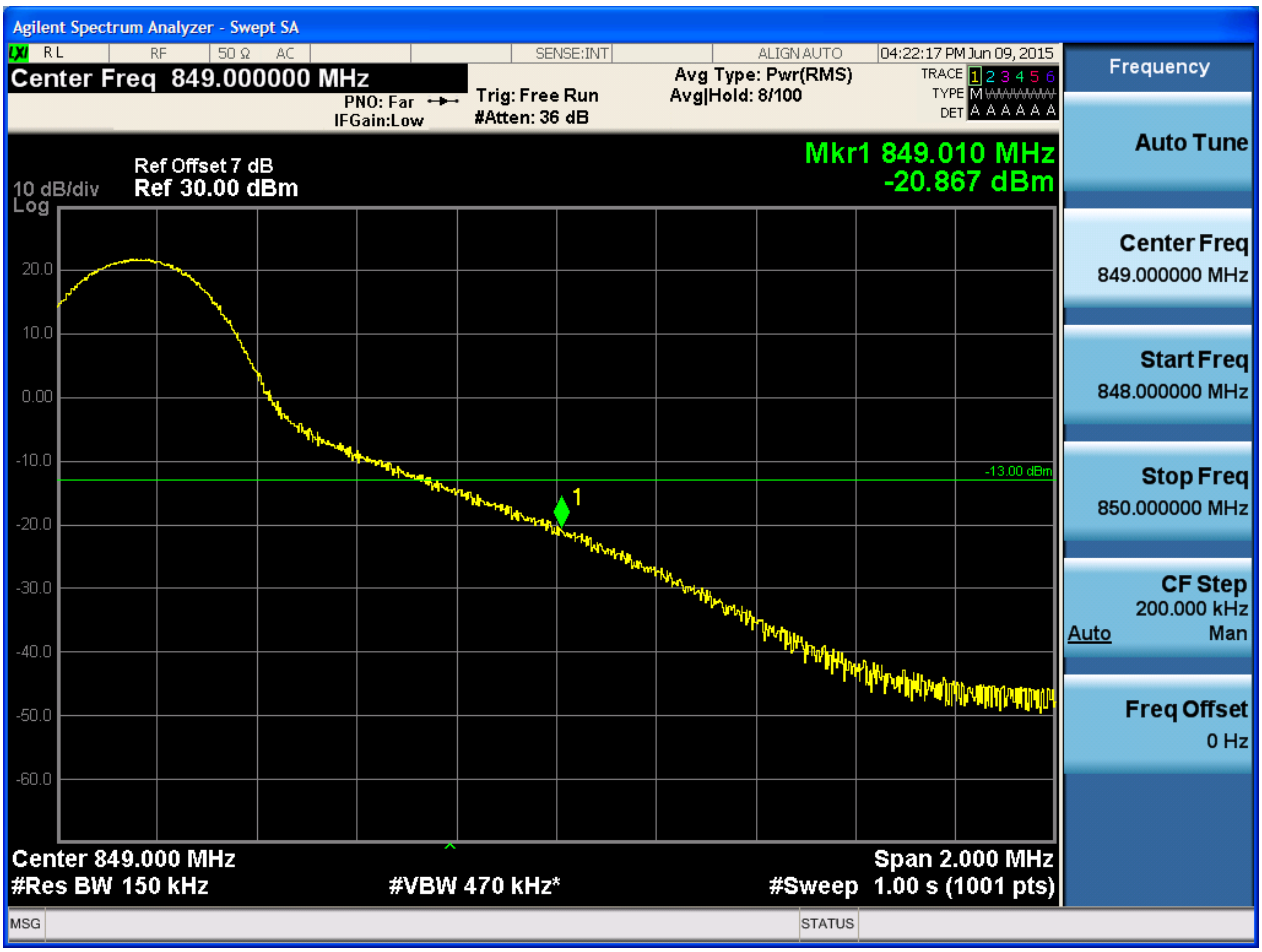
5.1.1.2.5.1.4 Test RB = RB75#0



5.1.1.2.5.2 Test Channel = HCH

5.1.1.2.5.2.1 Test RB = RB1#0

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

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

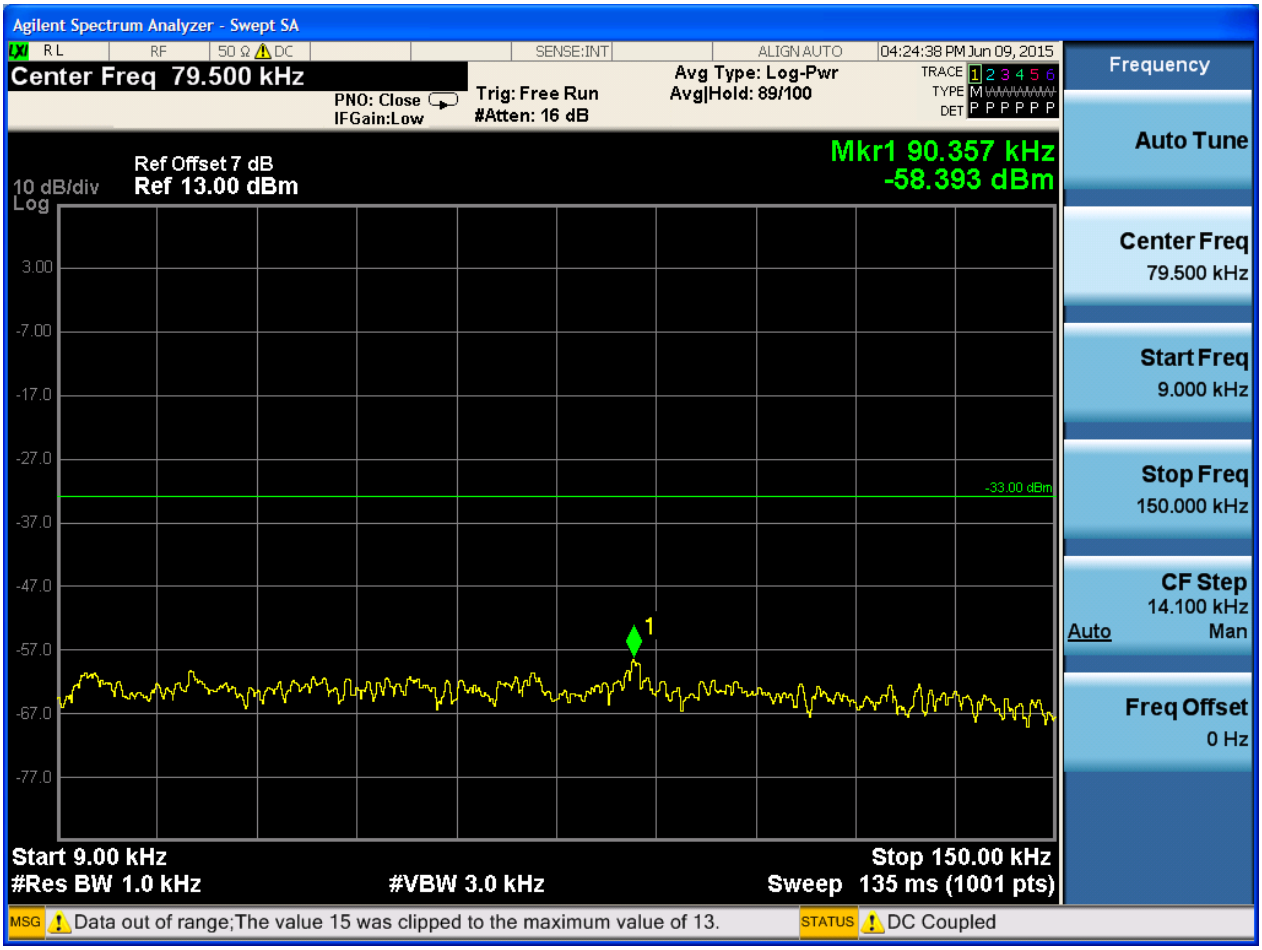
6.1.1 Test Band = BAND26

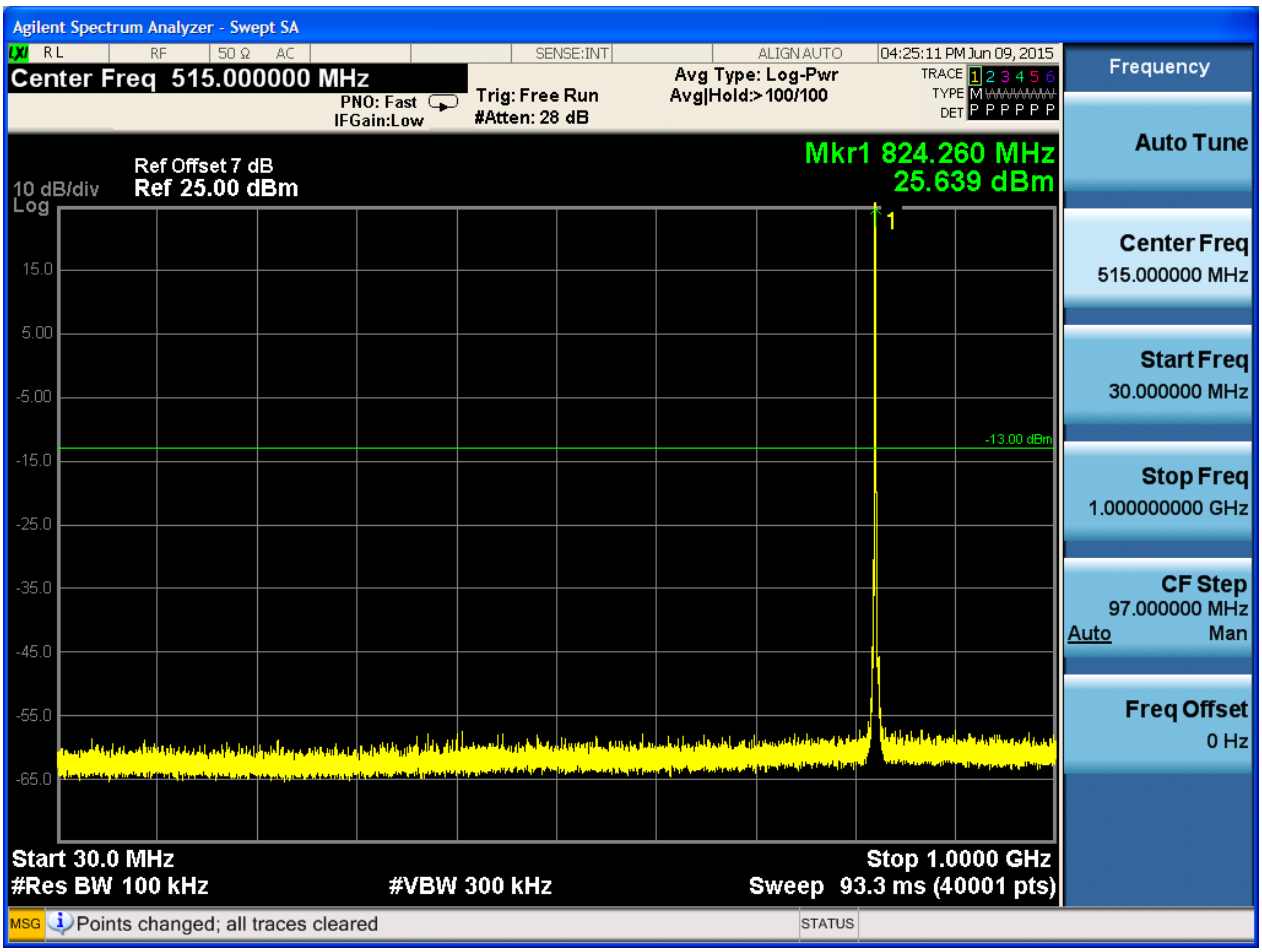
6.1.1.1 Test Mode = LTE/TM2

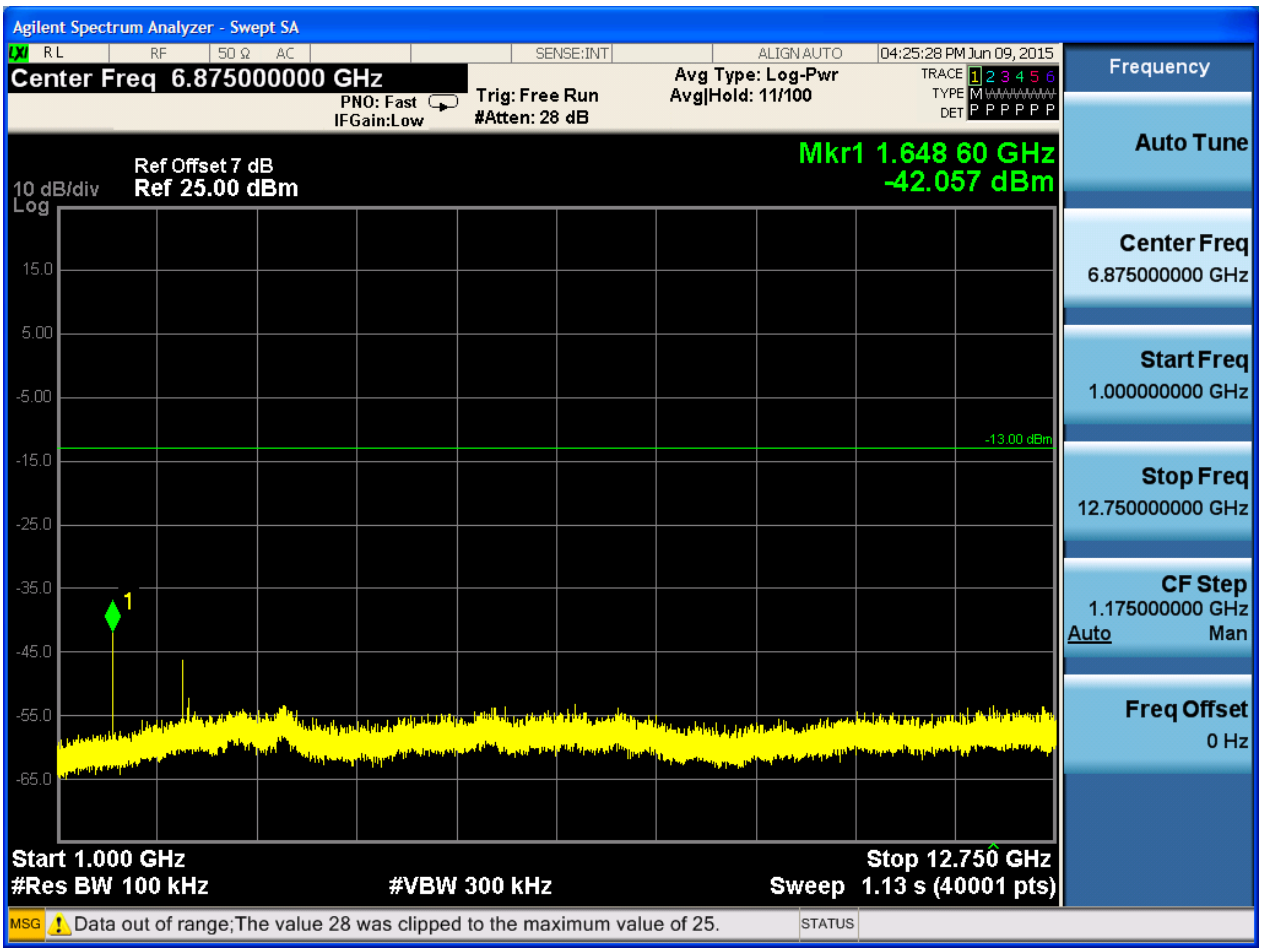
6.1.1.1.1 Test Bandwidth = 1.4

6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0

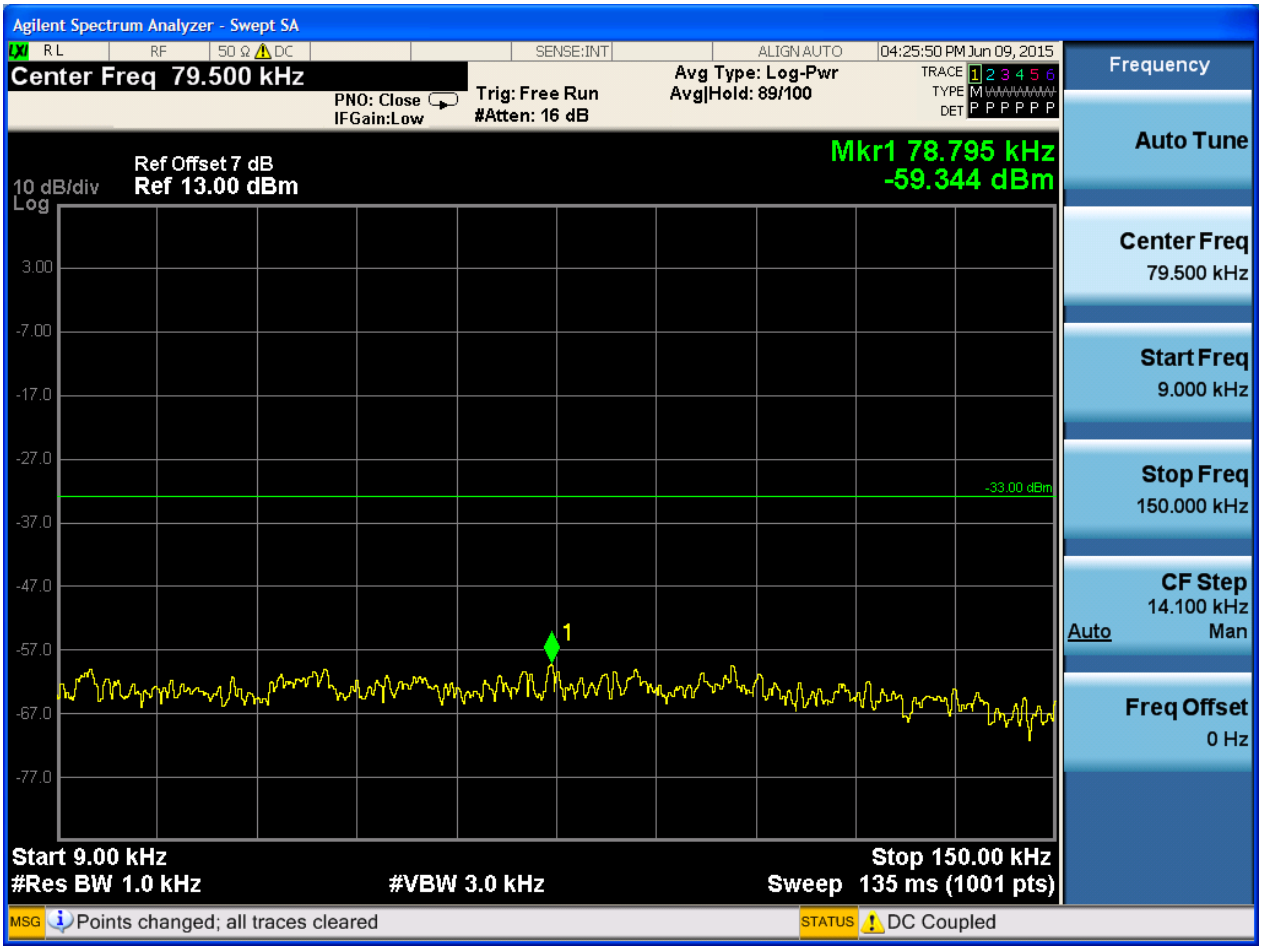


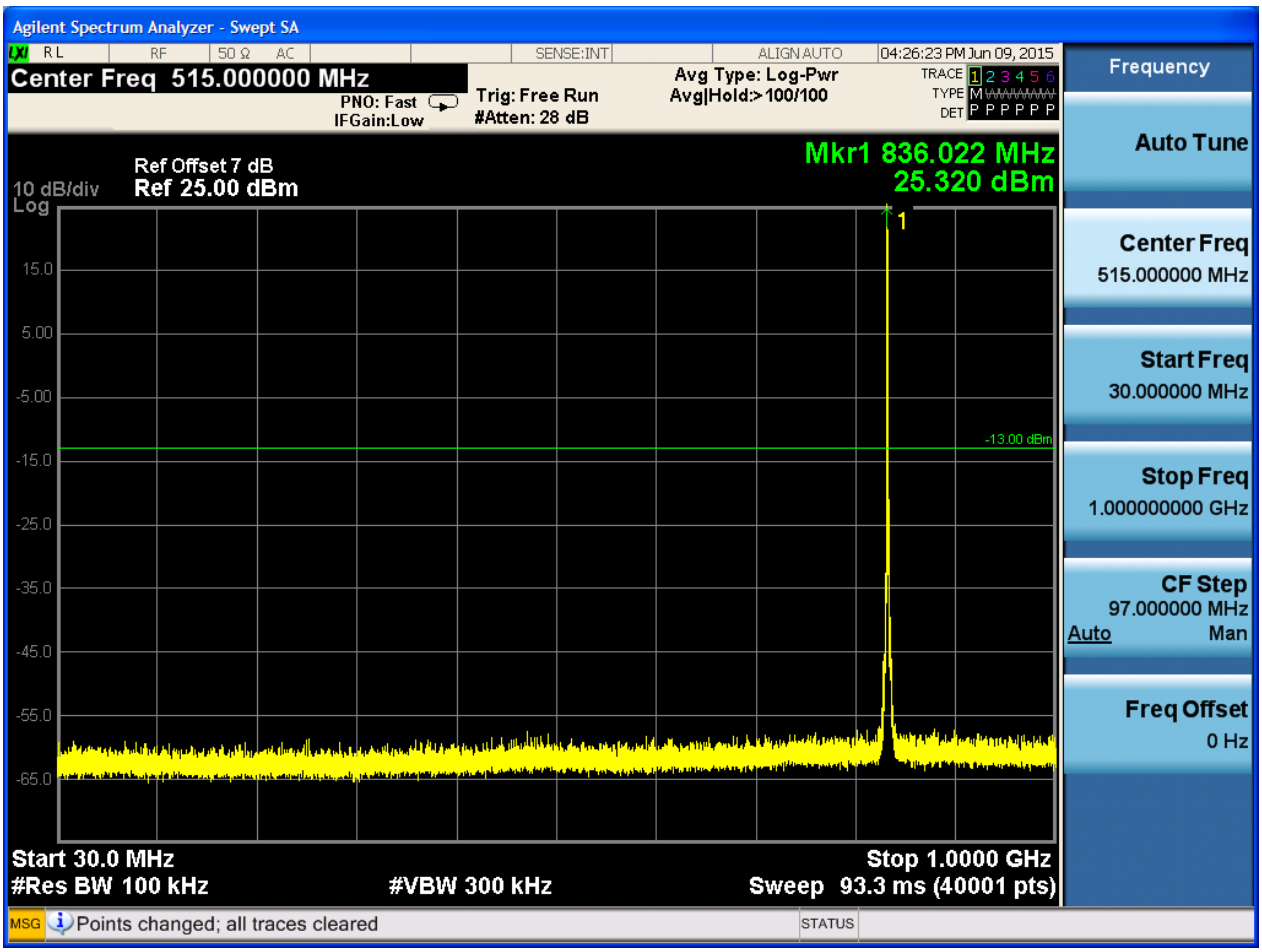


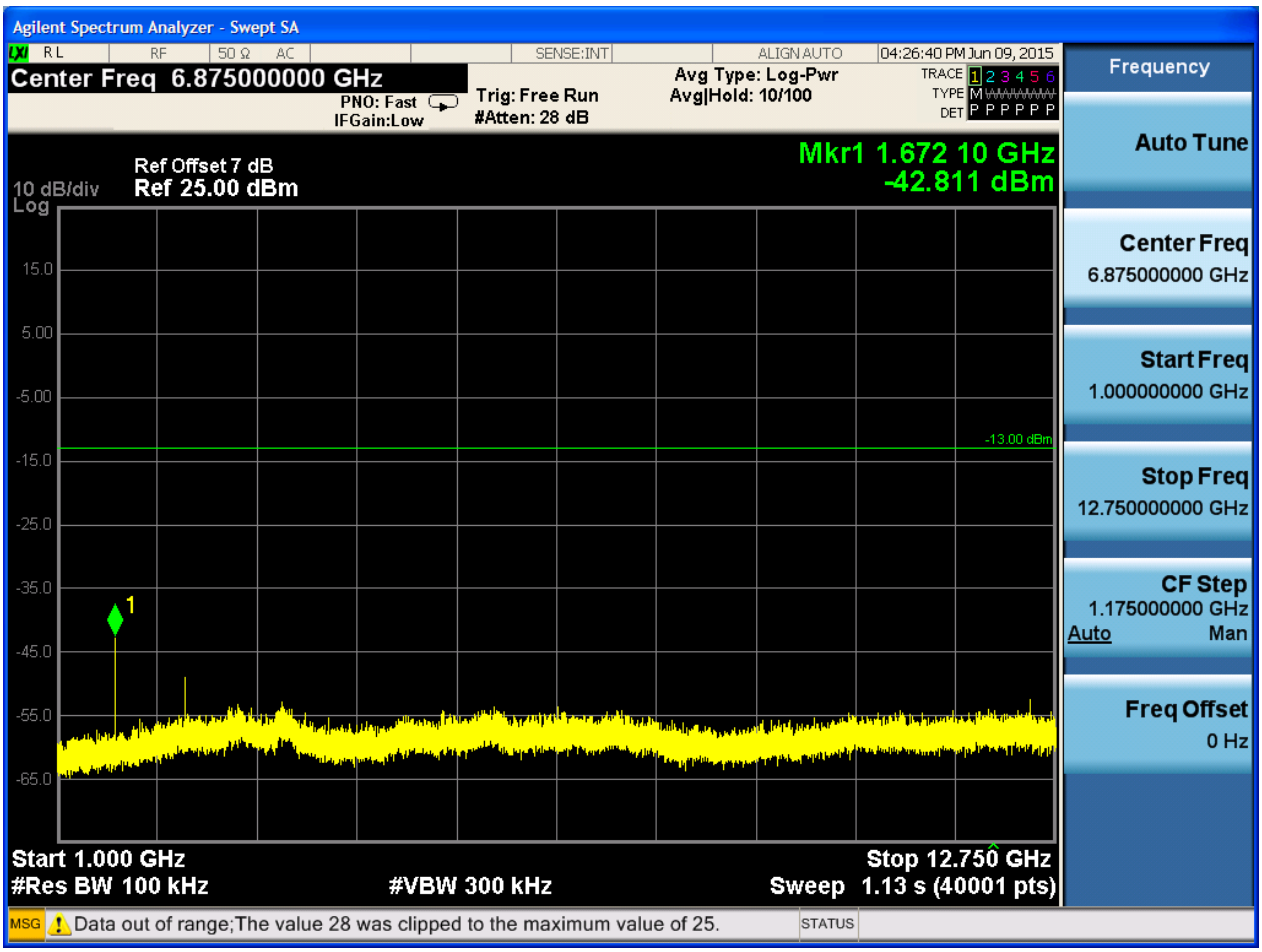


6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0

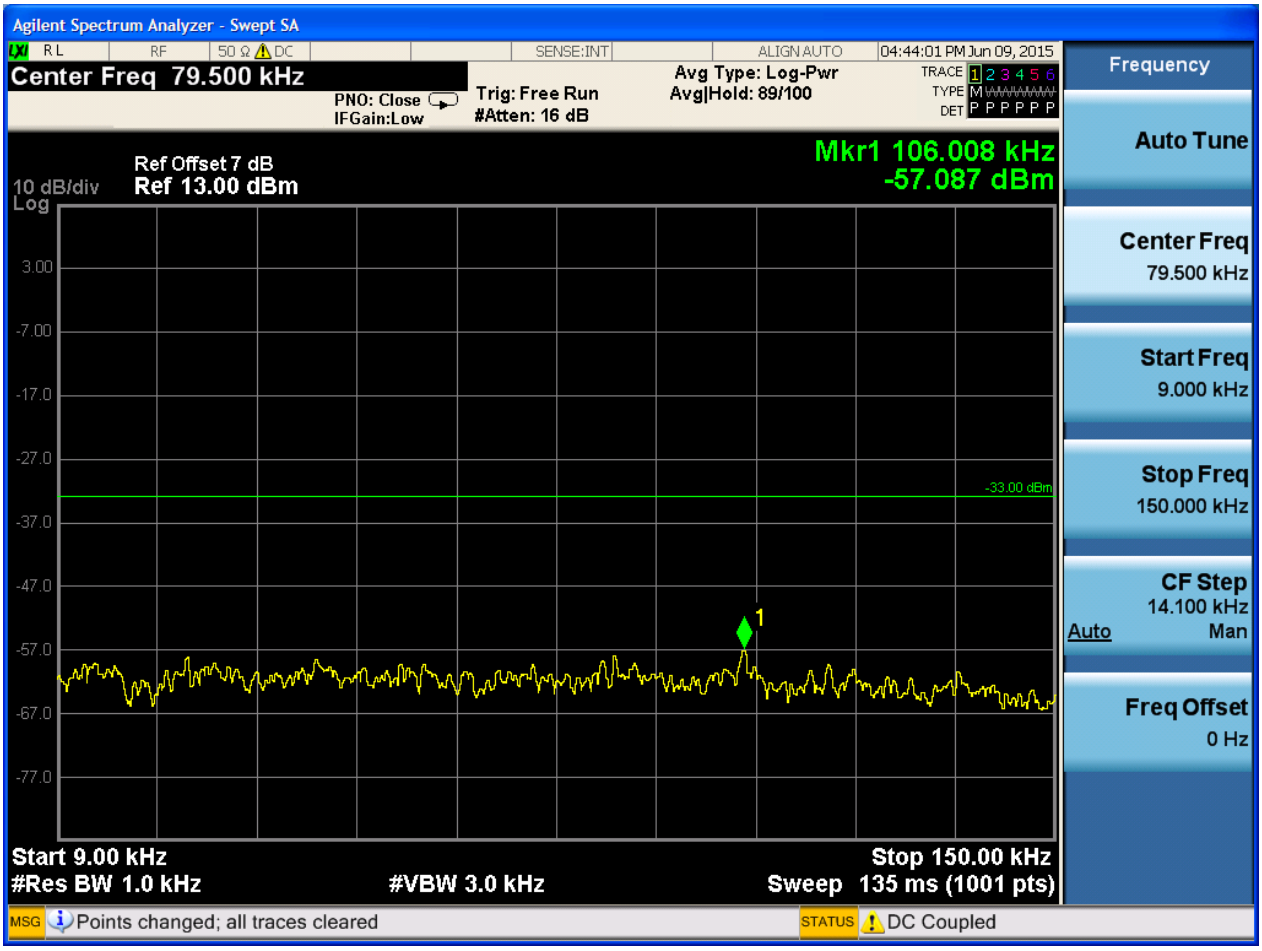


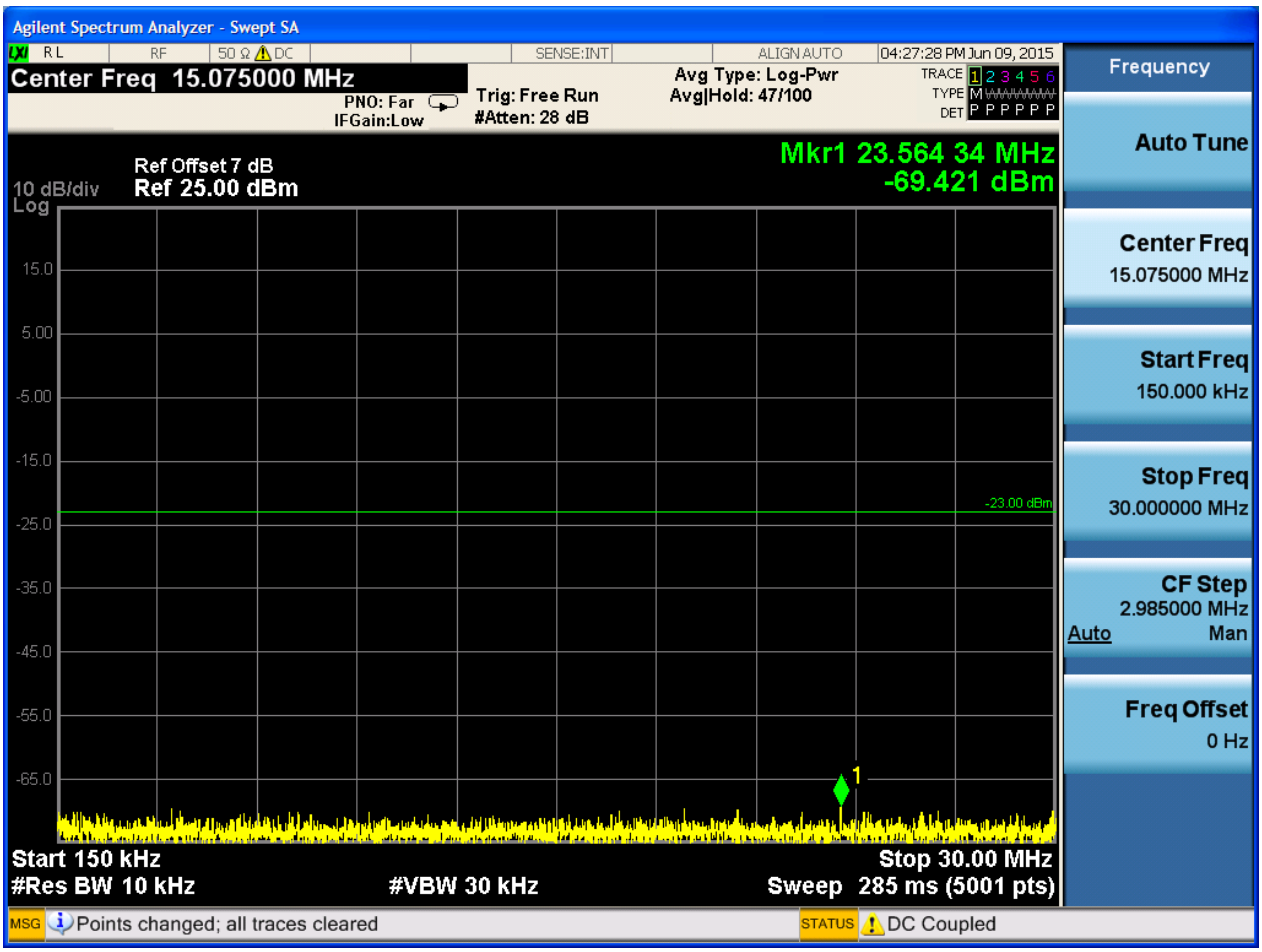


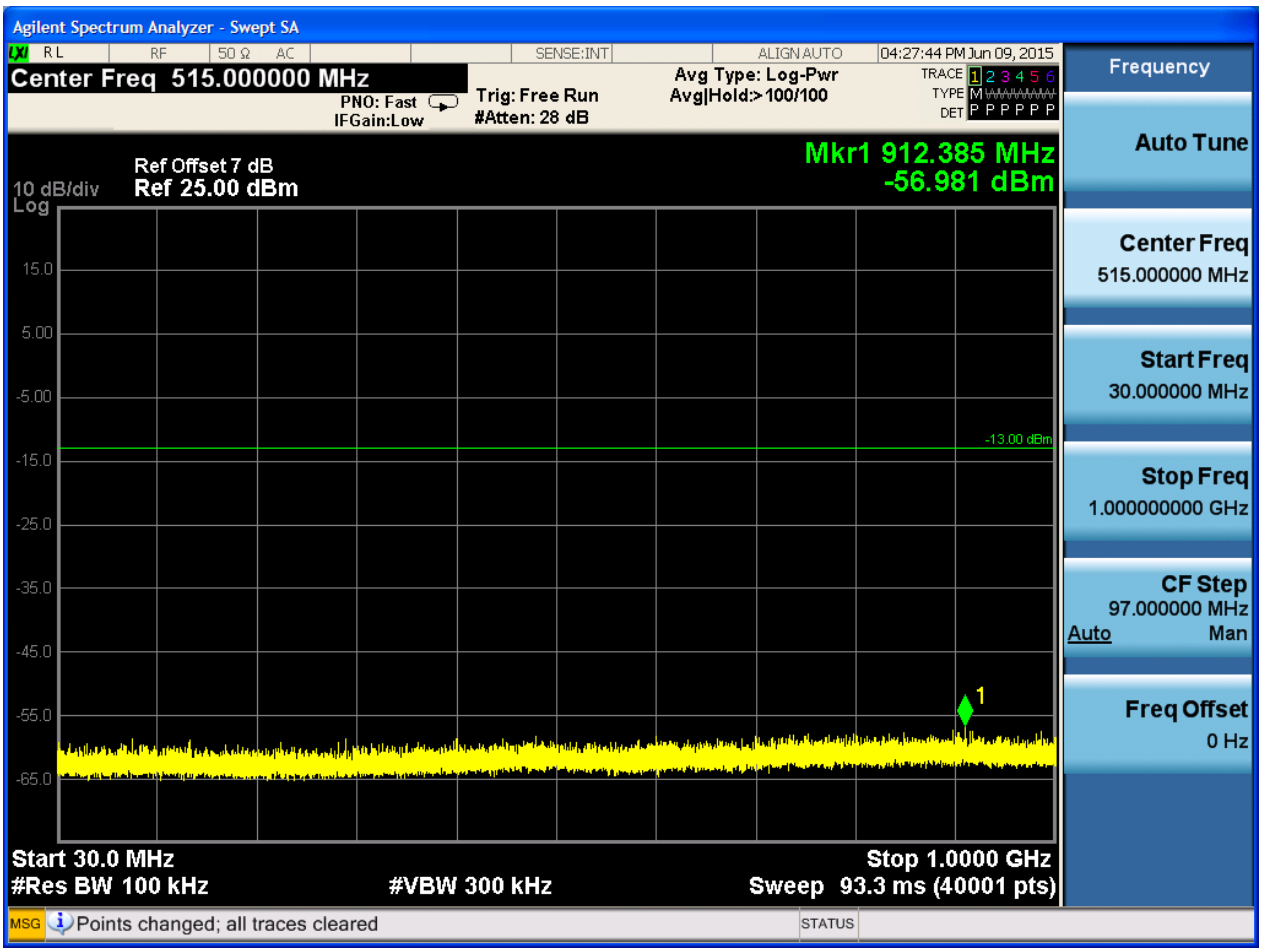


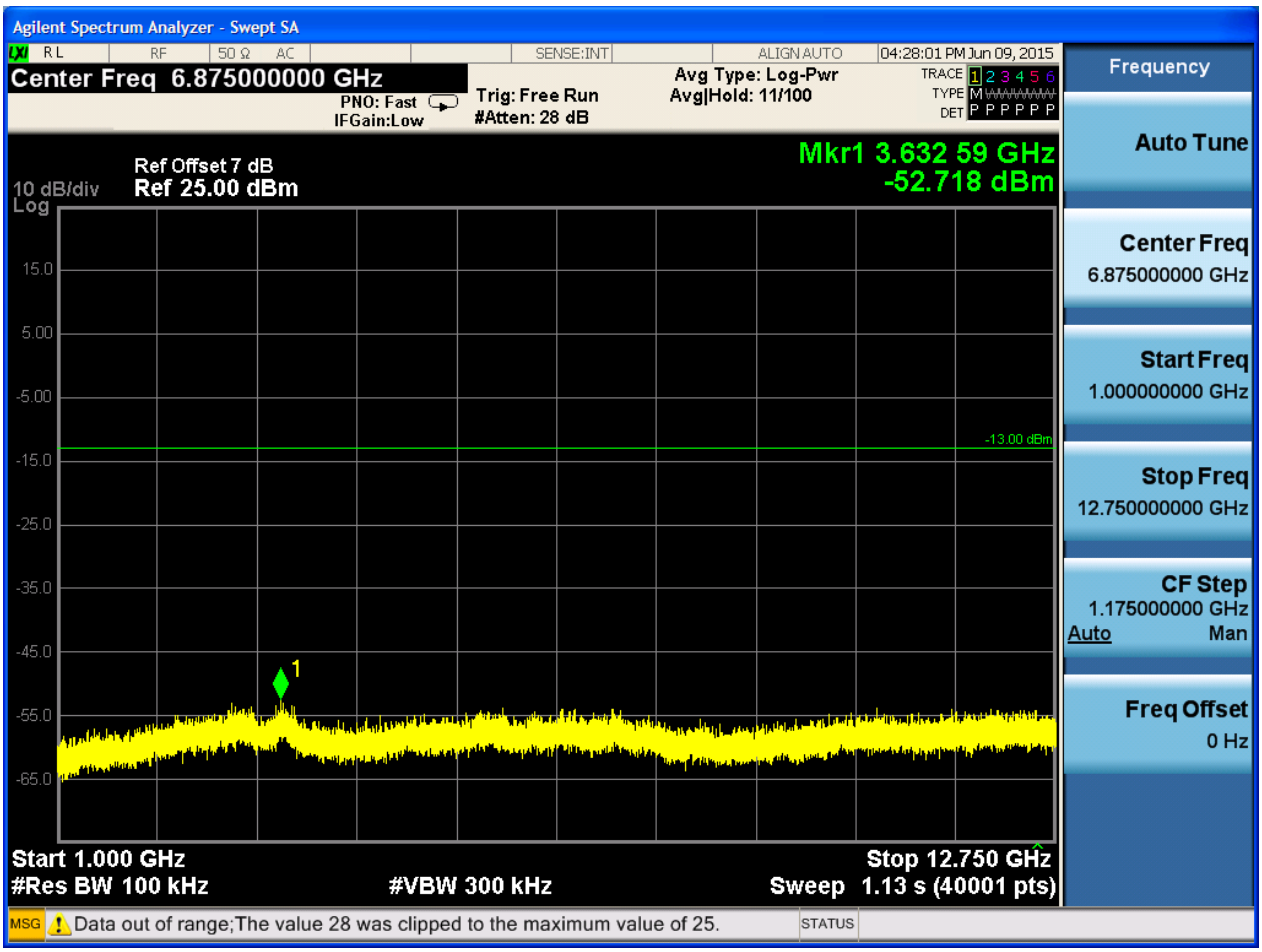
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





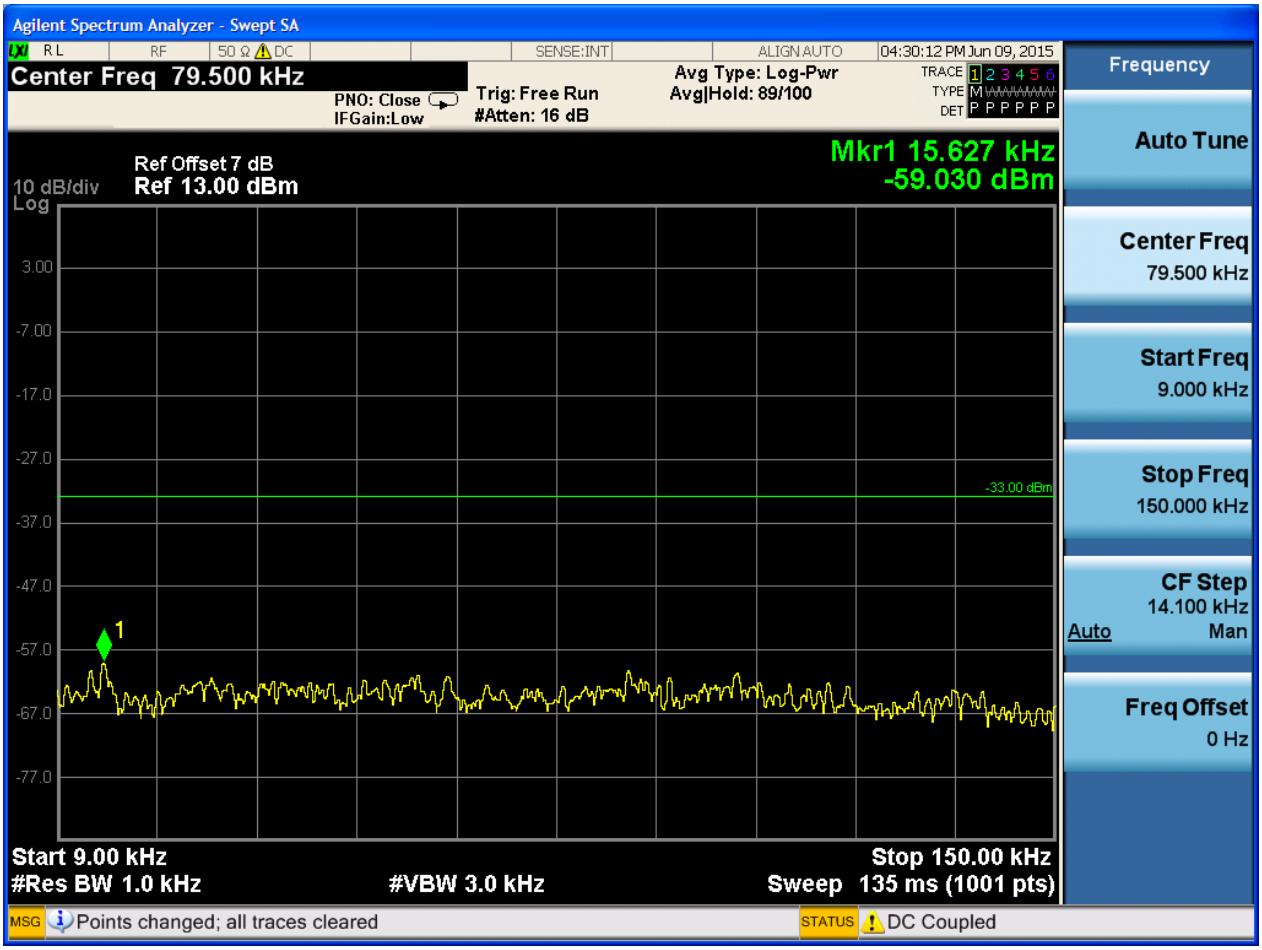


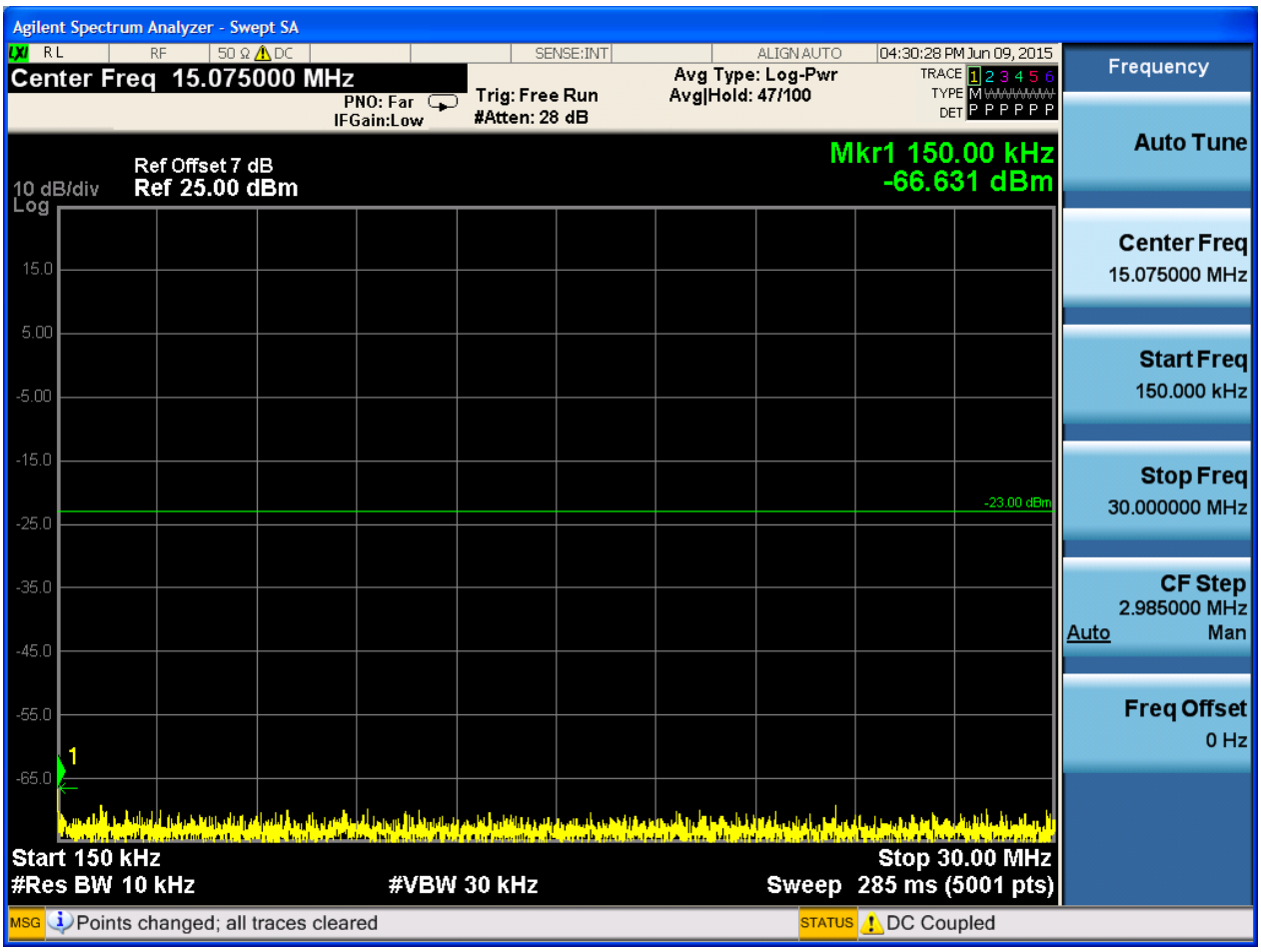


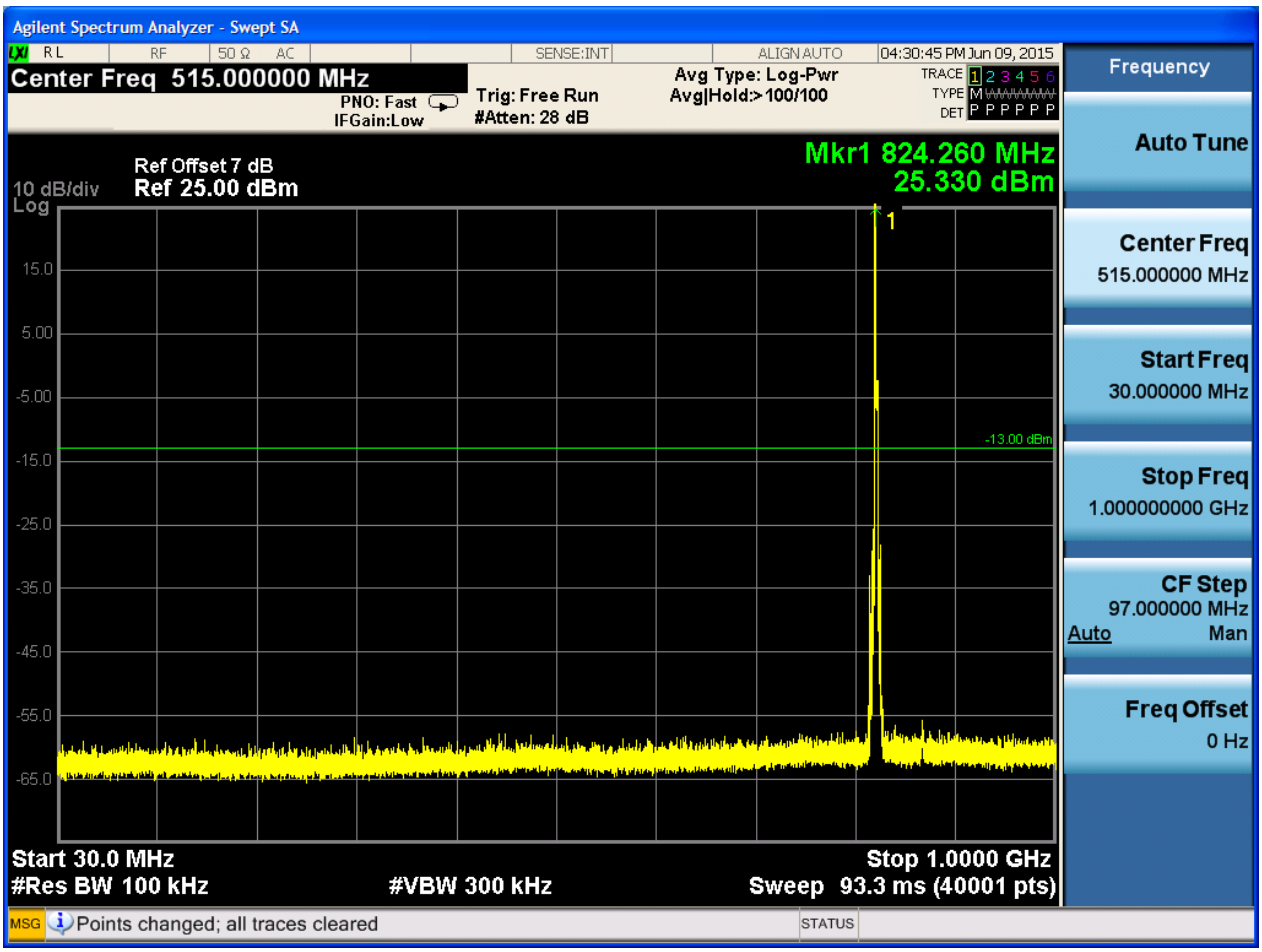
6.1.1.1.2 Test Bandwidth = 3

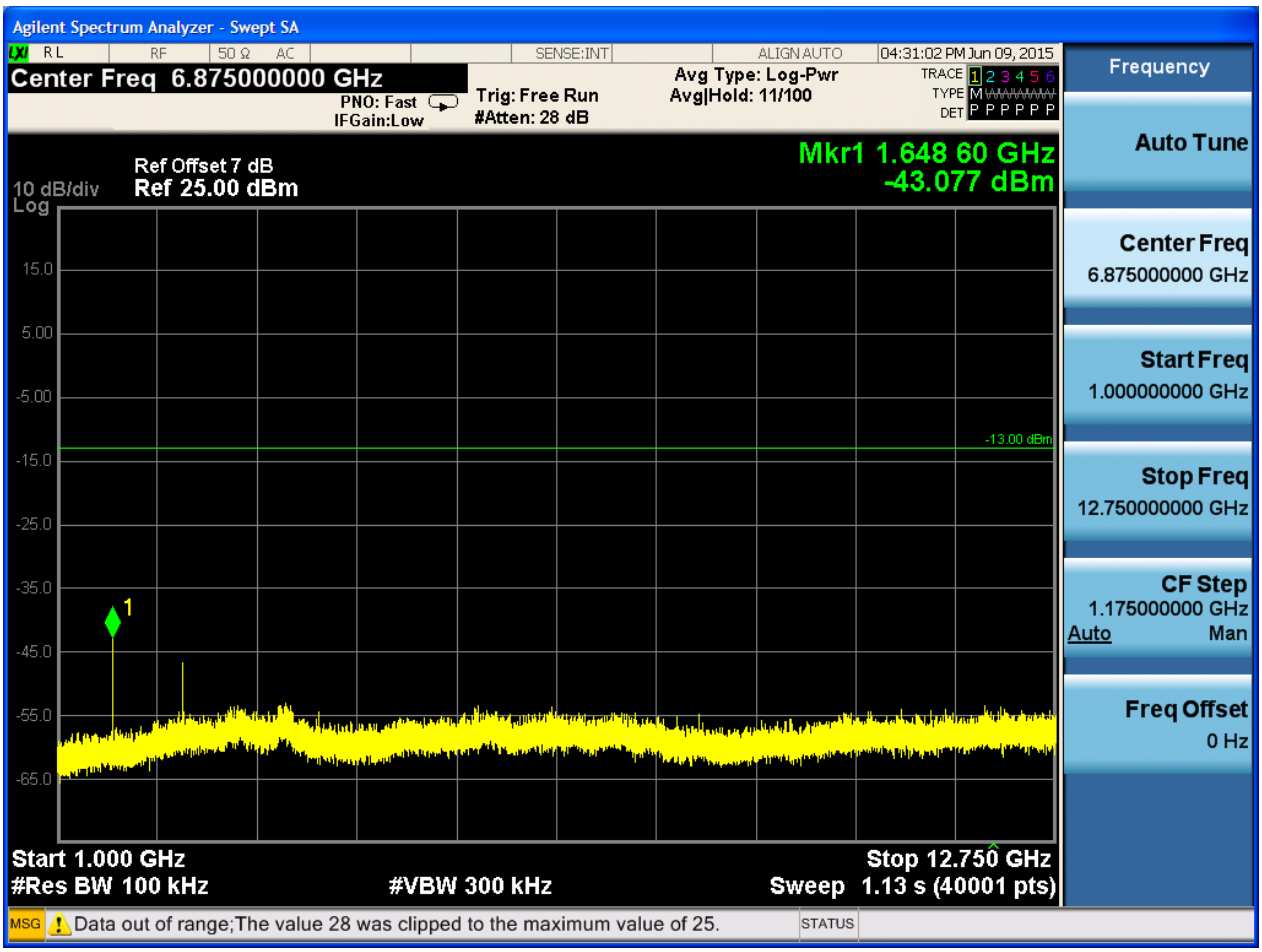
6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



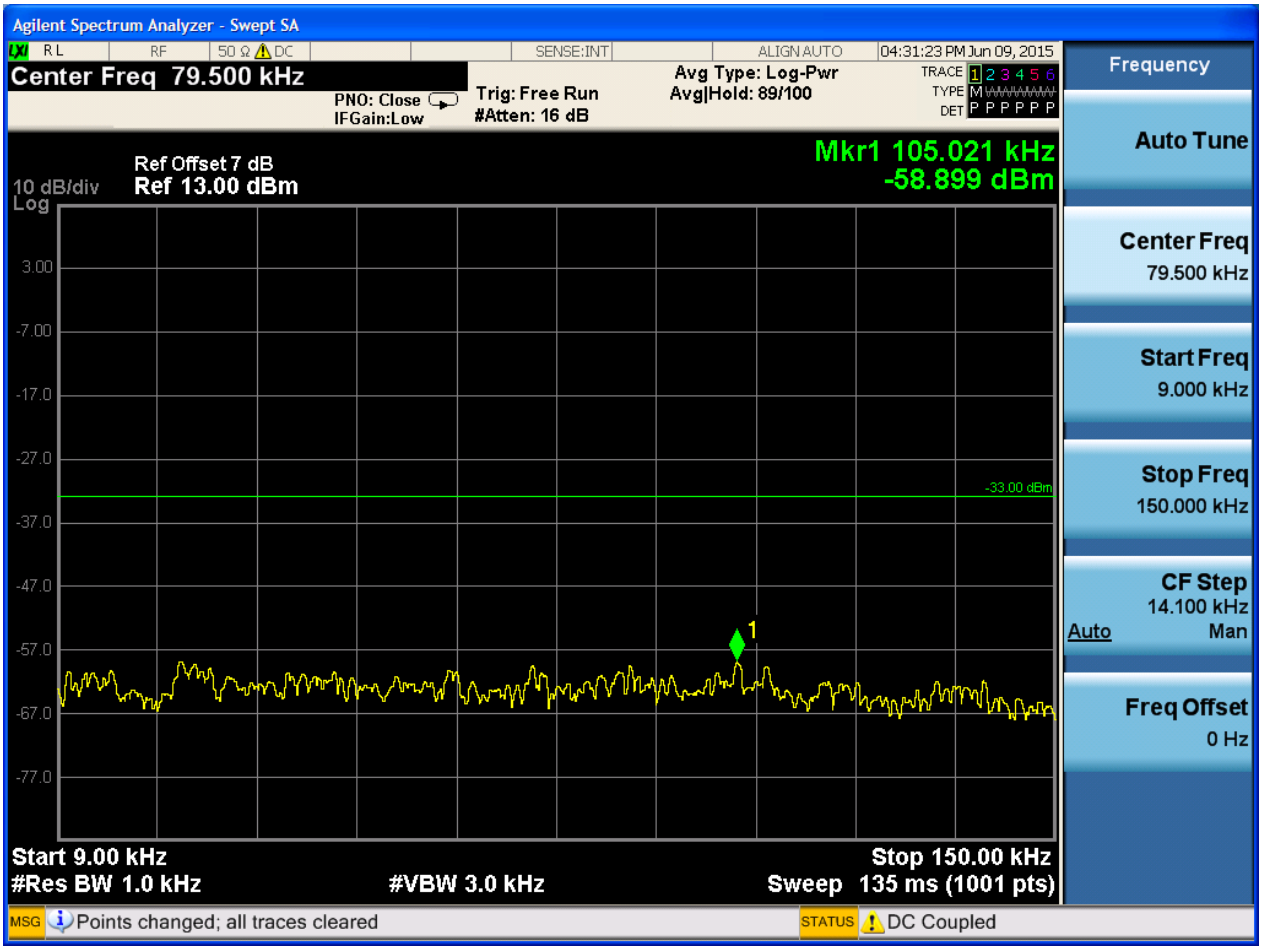


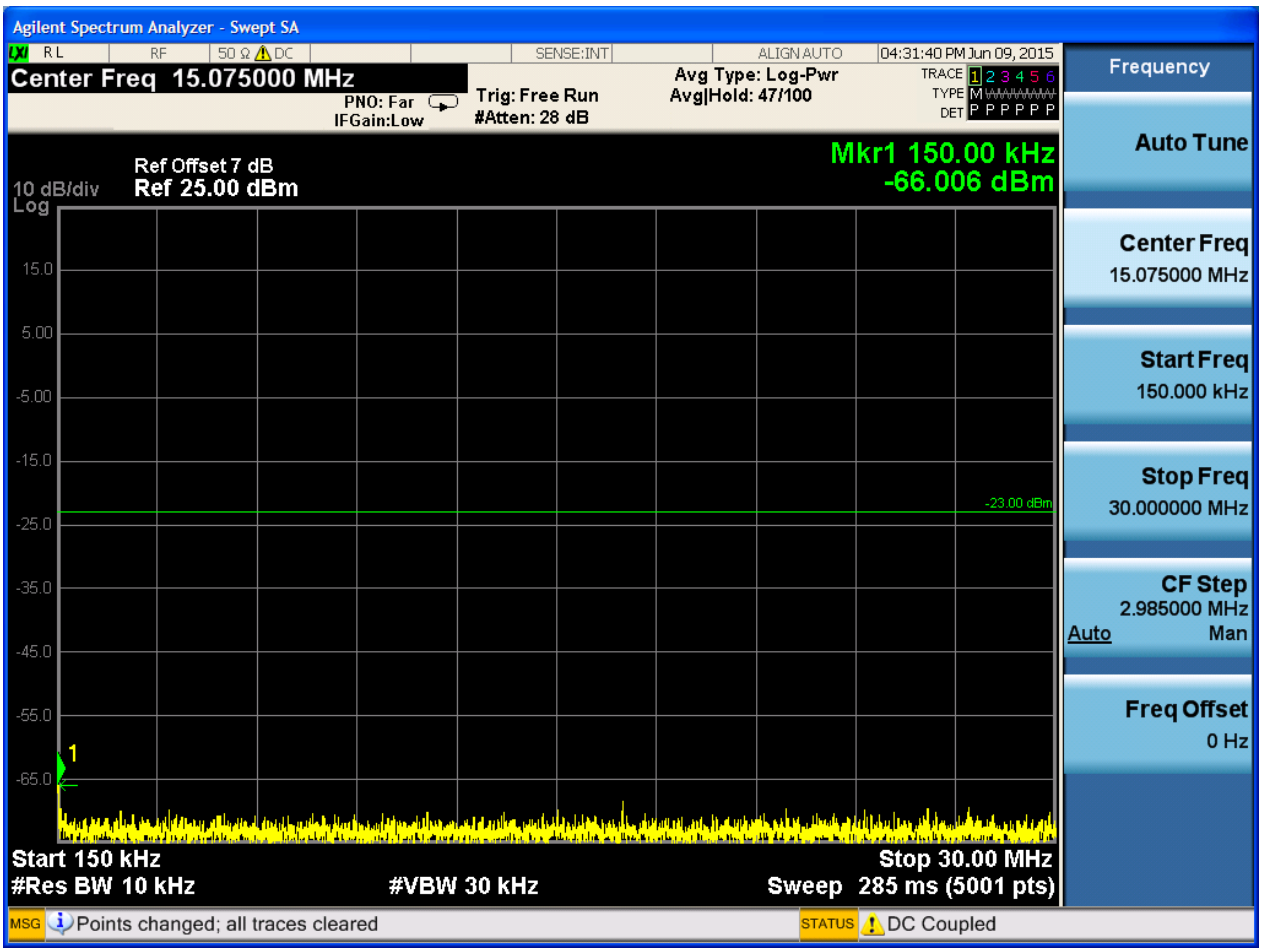

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:30:45 PM Jun 09, 2015
Center Freq 515.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P
Ref Offset 7 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 824.260 MHz
25.330 dBm
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-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
MSG
STATUS
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

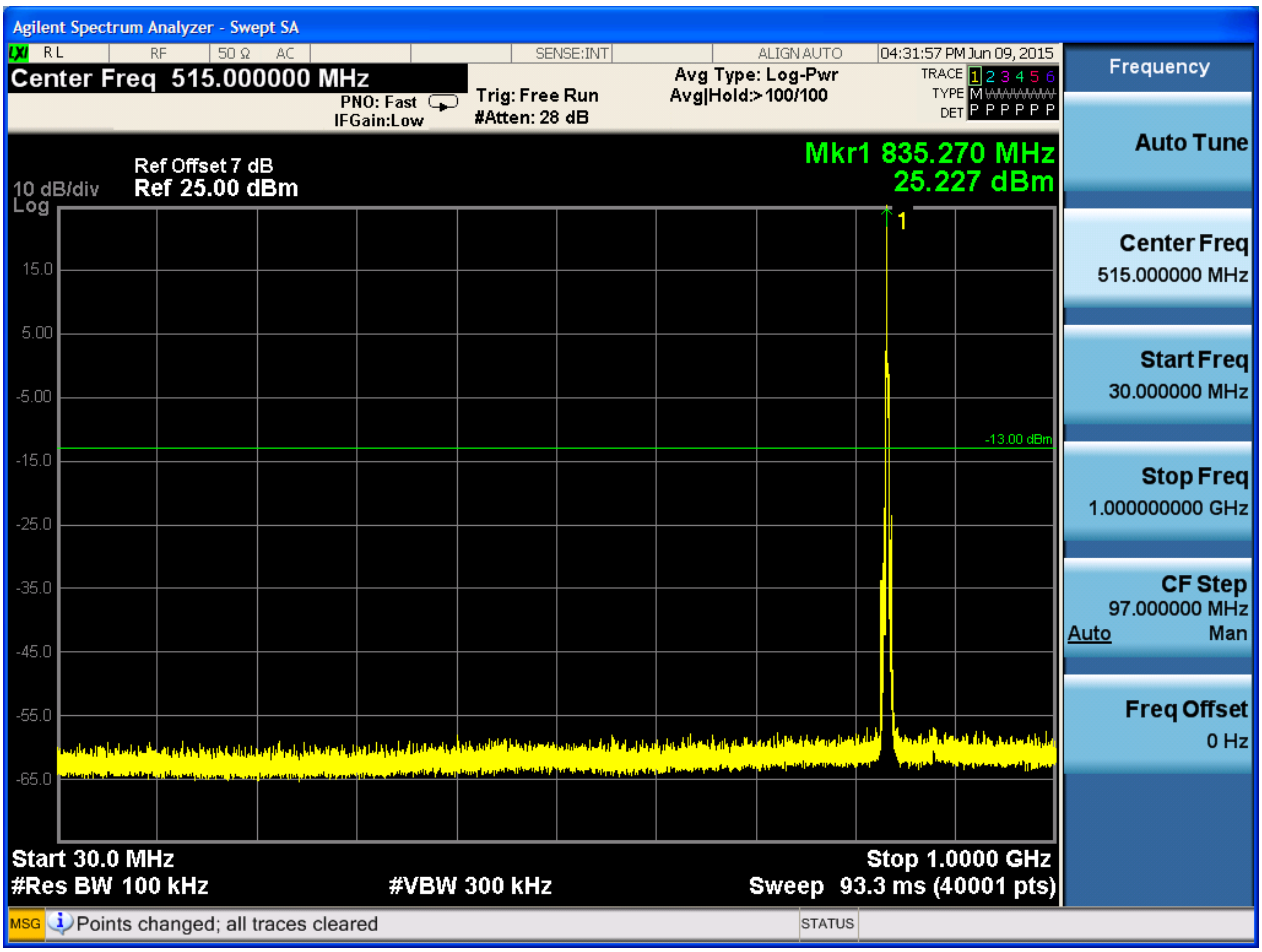


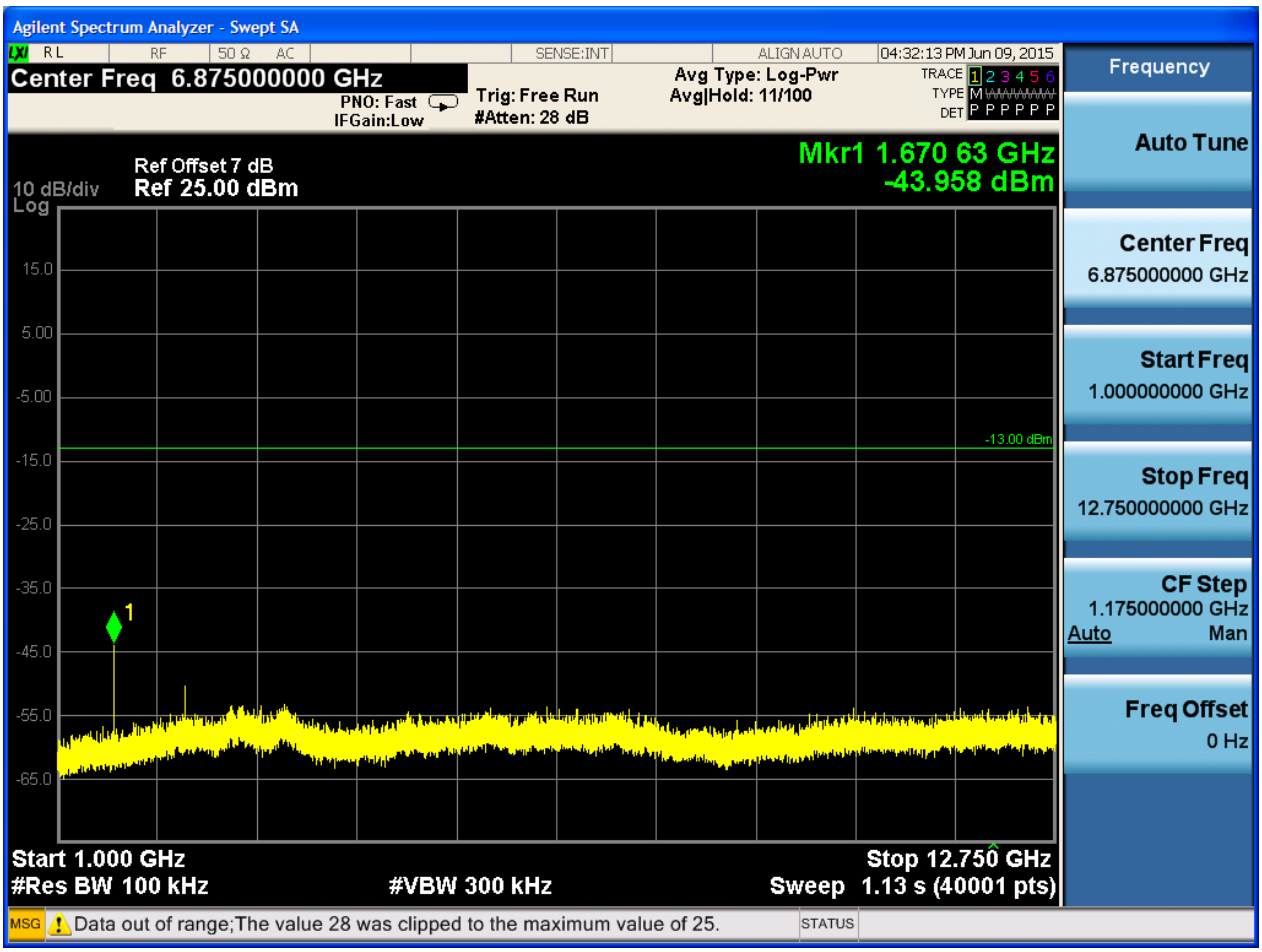
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



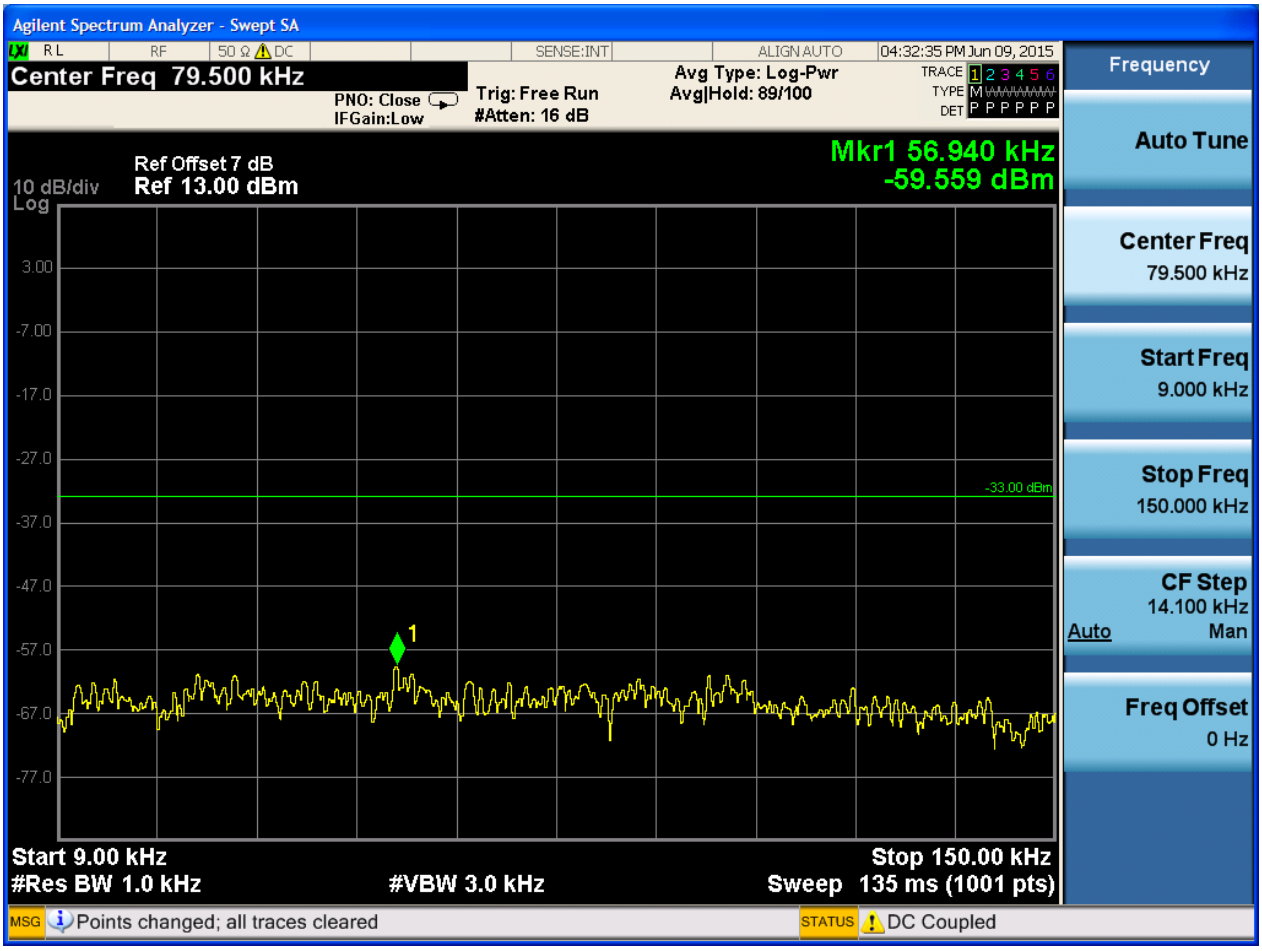


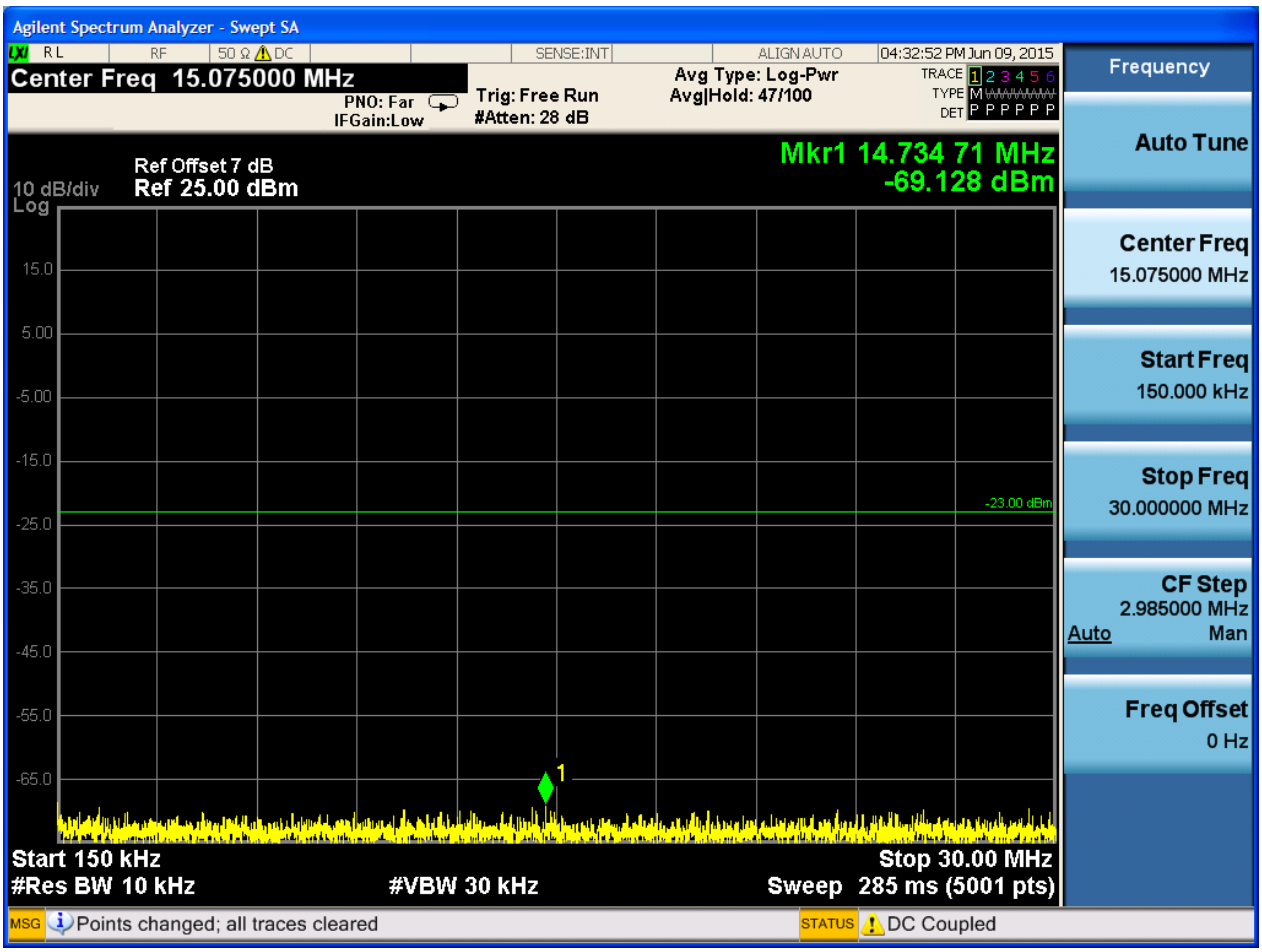


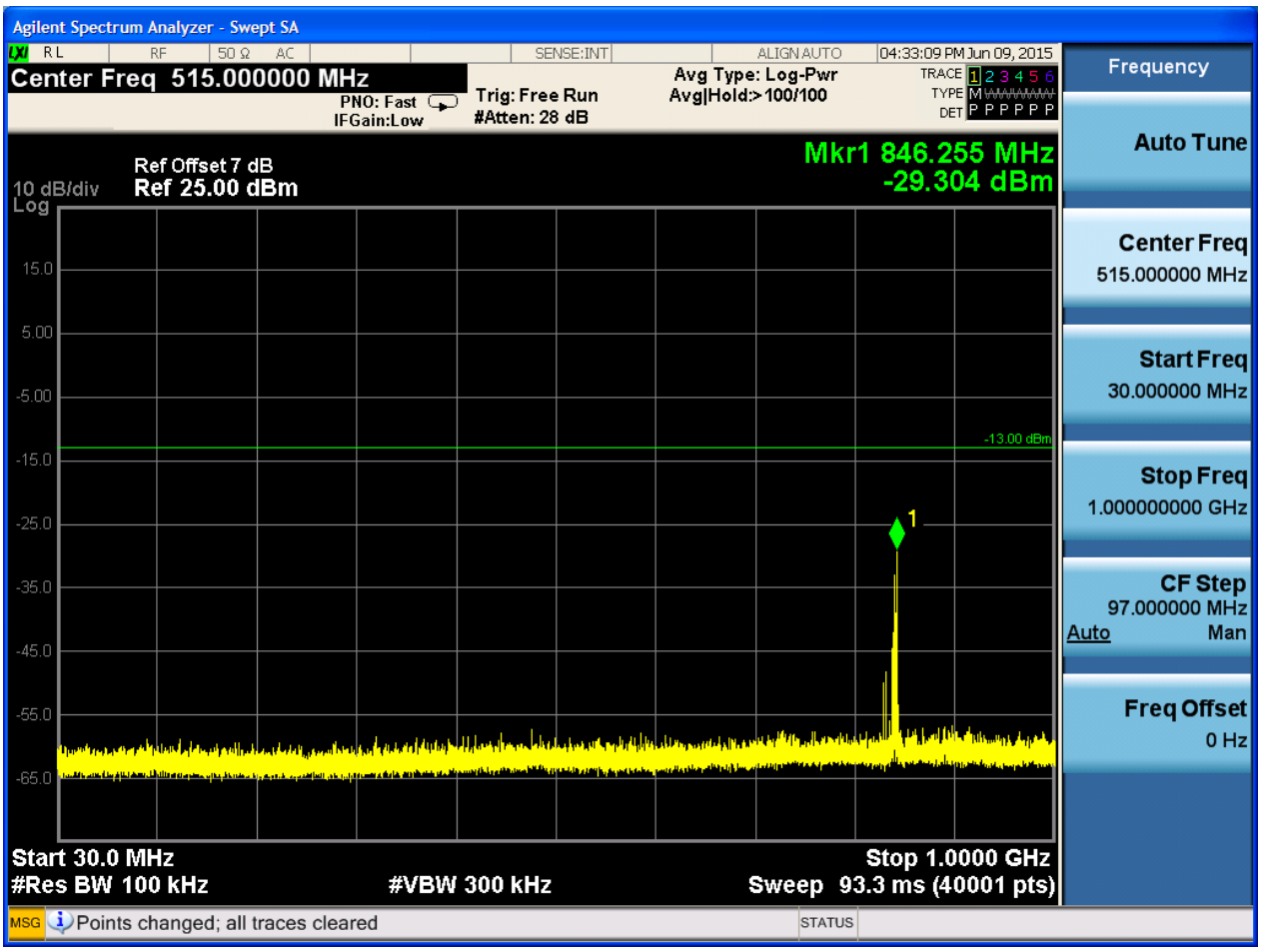

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:32:13 PM Jun 09, 2015
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P
Ref Offset 7 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 1.670 63 GHz
-43.958 dBm
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-13.00 dBm
1
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
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
MSG
Data out of range;The value 28 was clipped to the maximum value of 25.
STATUS

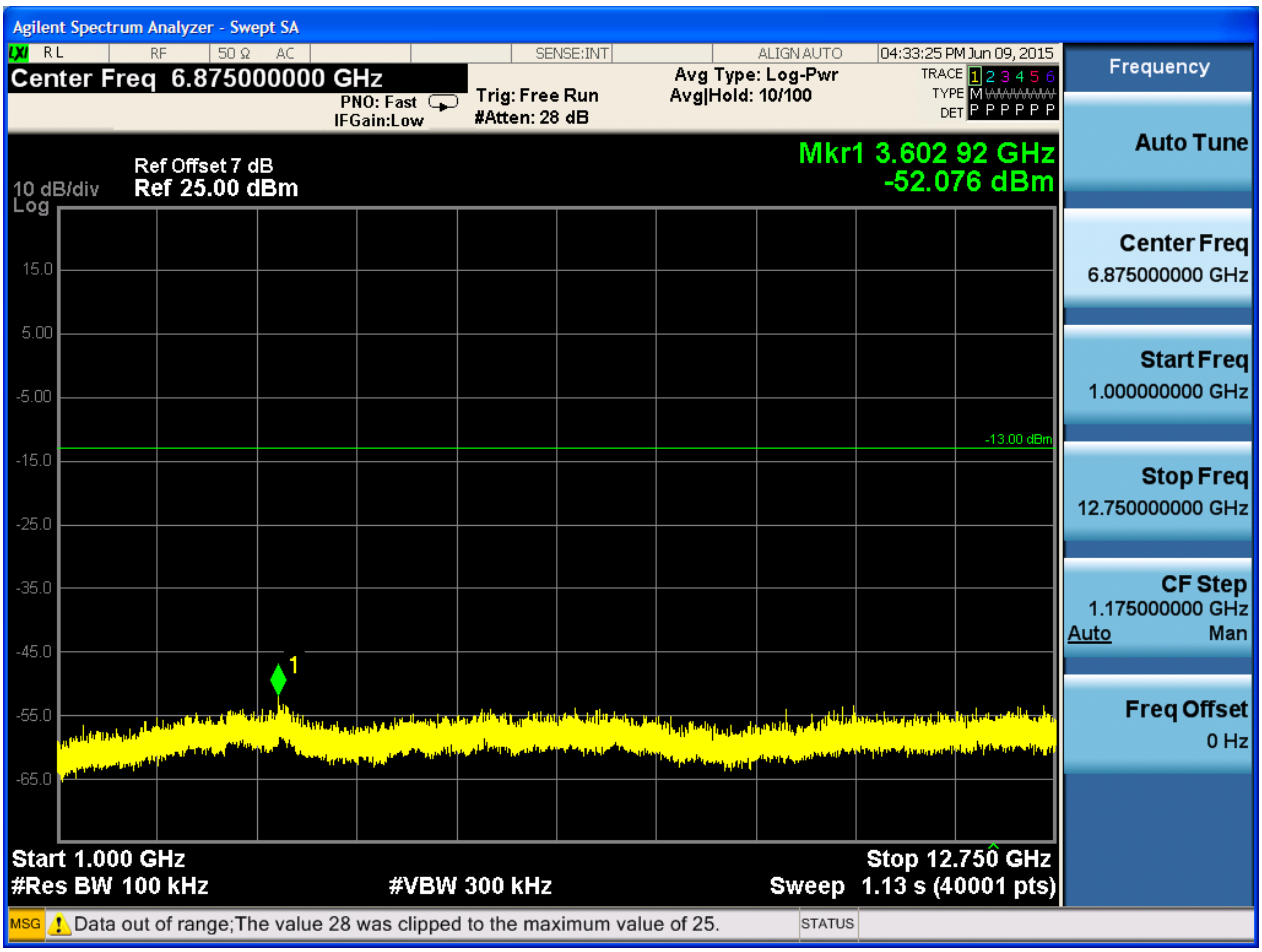
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0





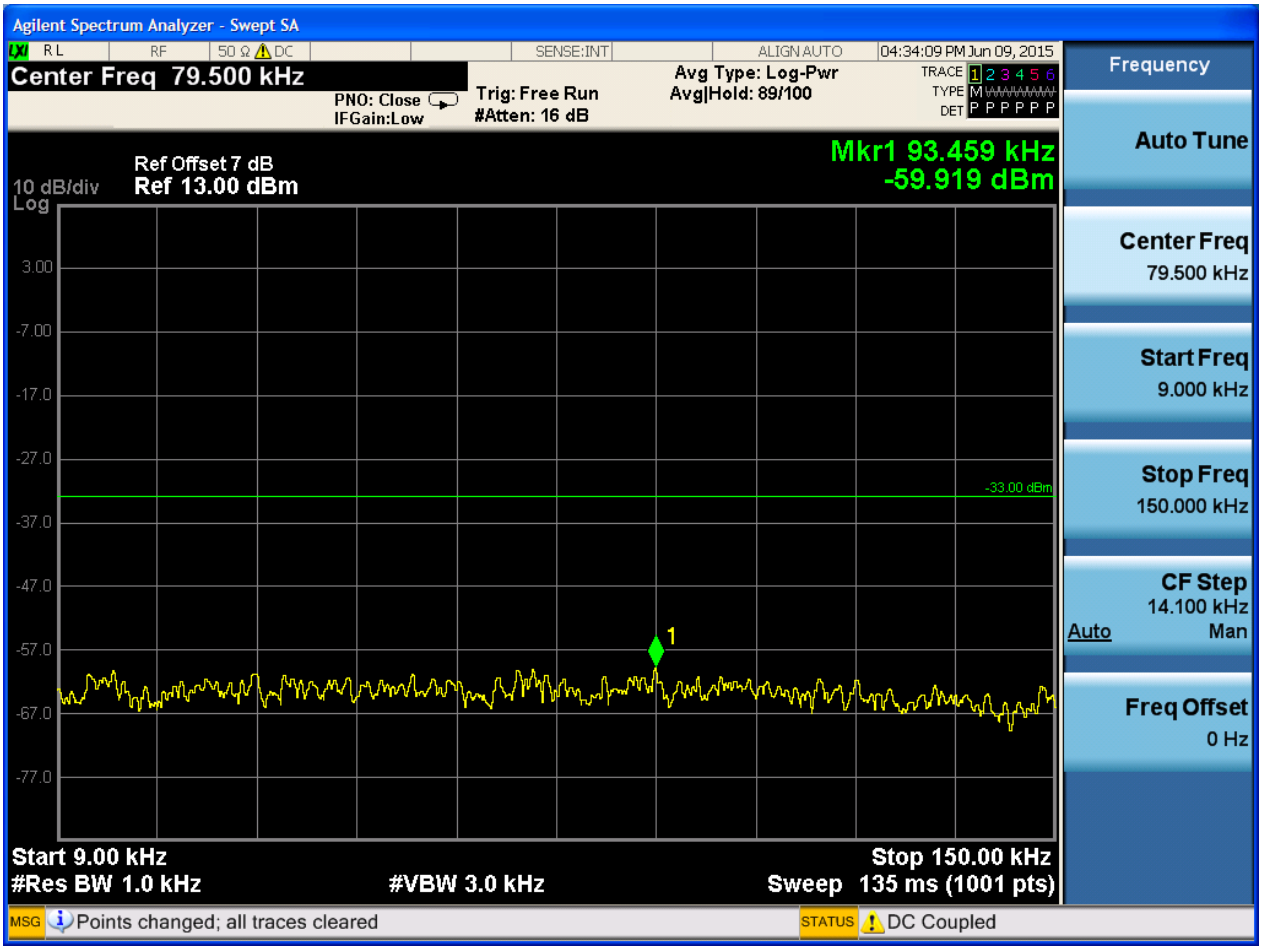


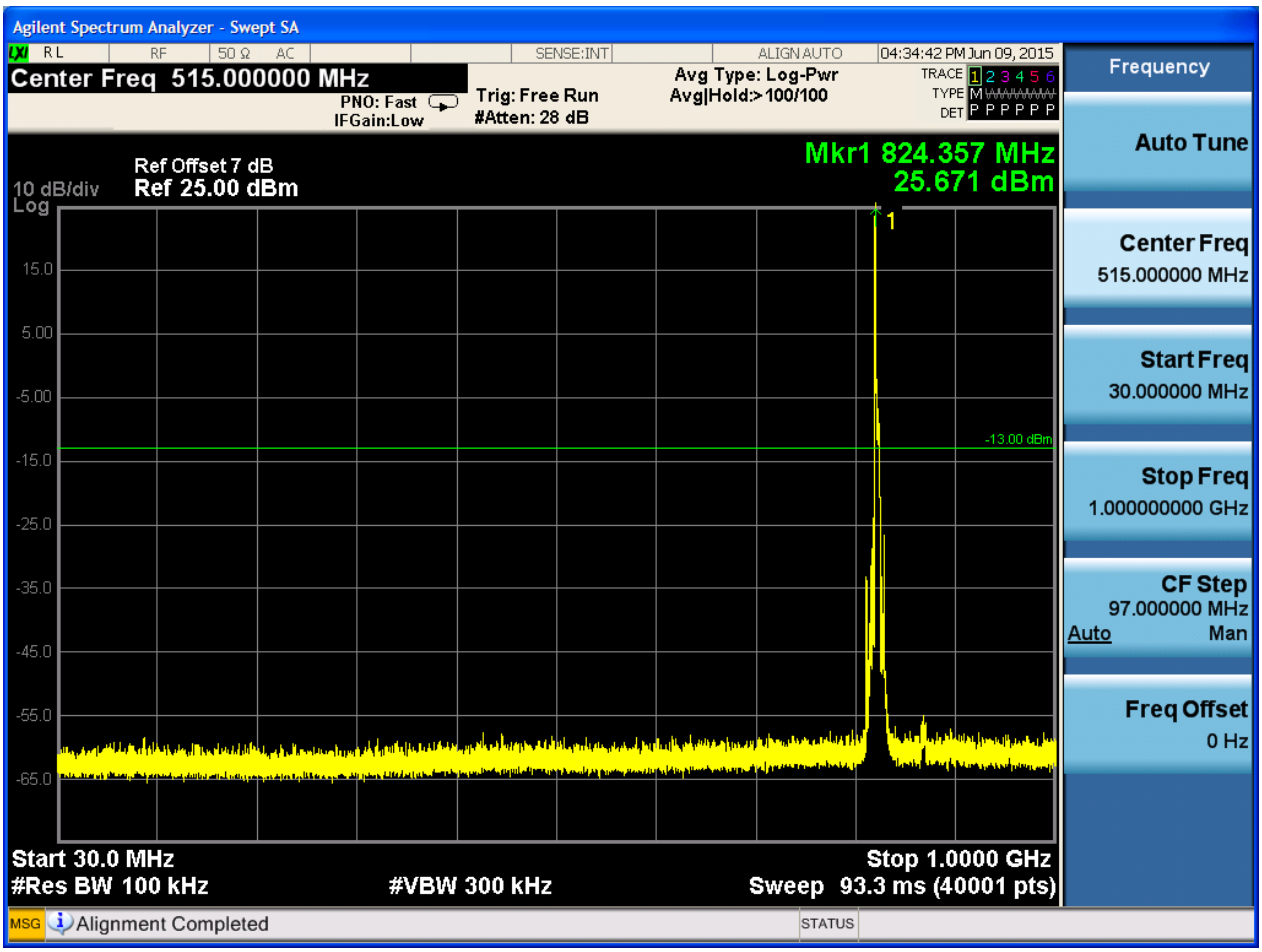


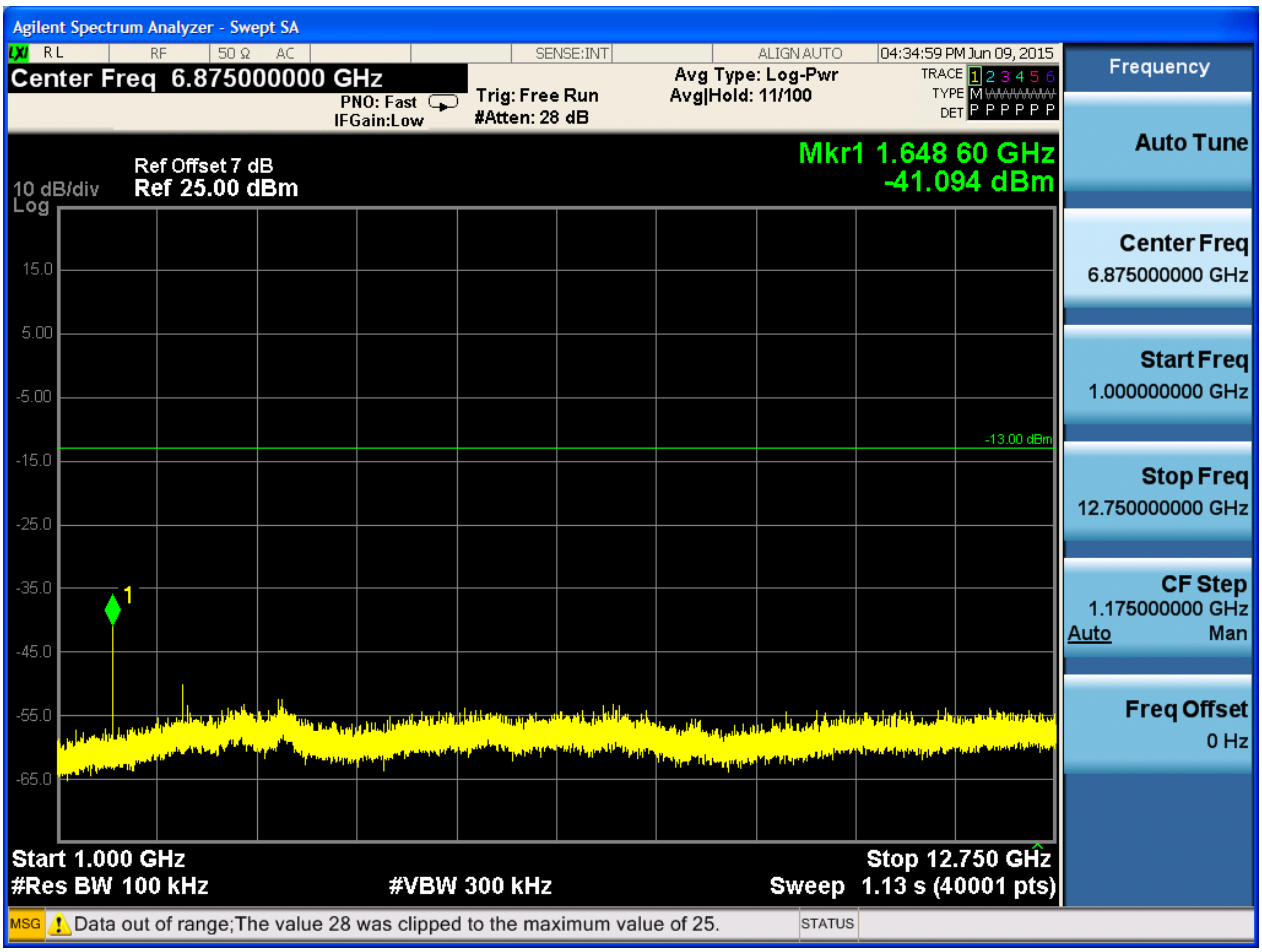
6.1.1.1.3 Test Bandwidth = 5

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

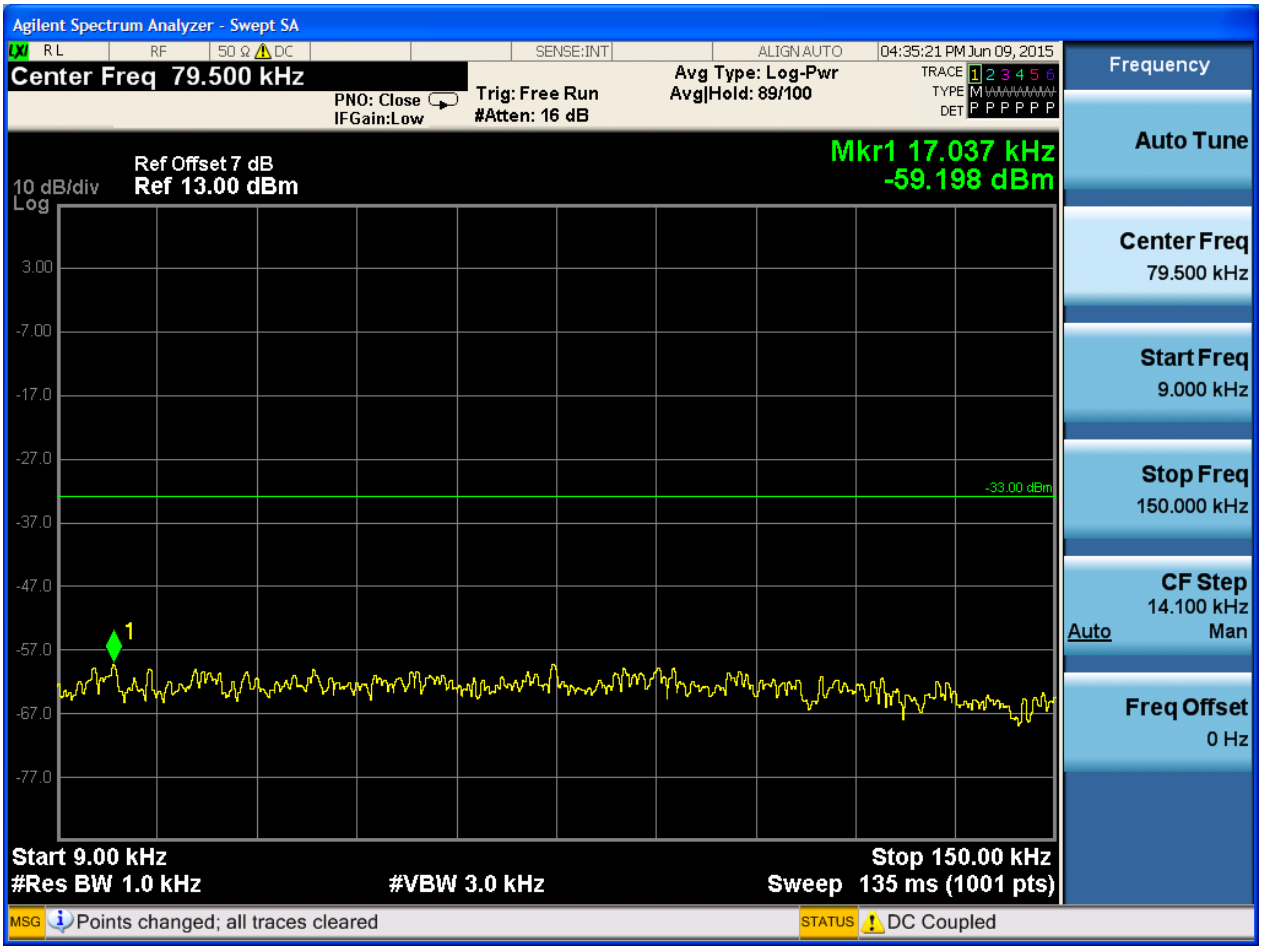


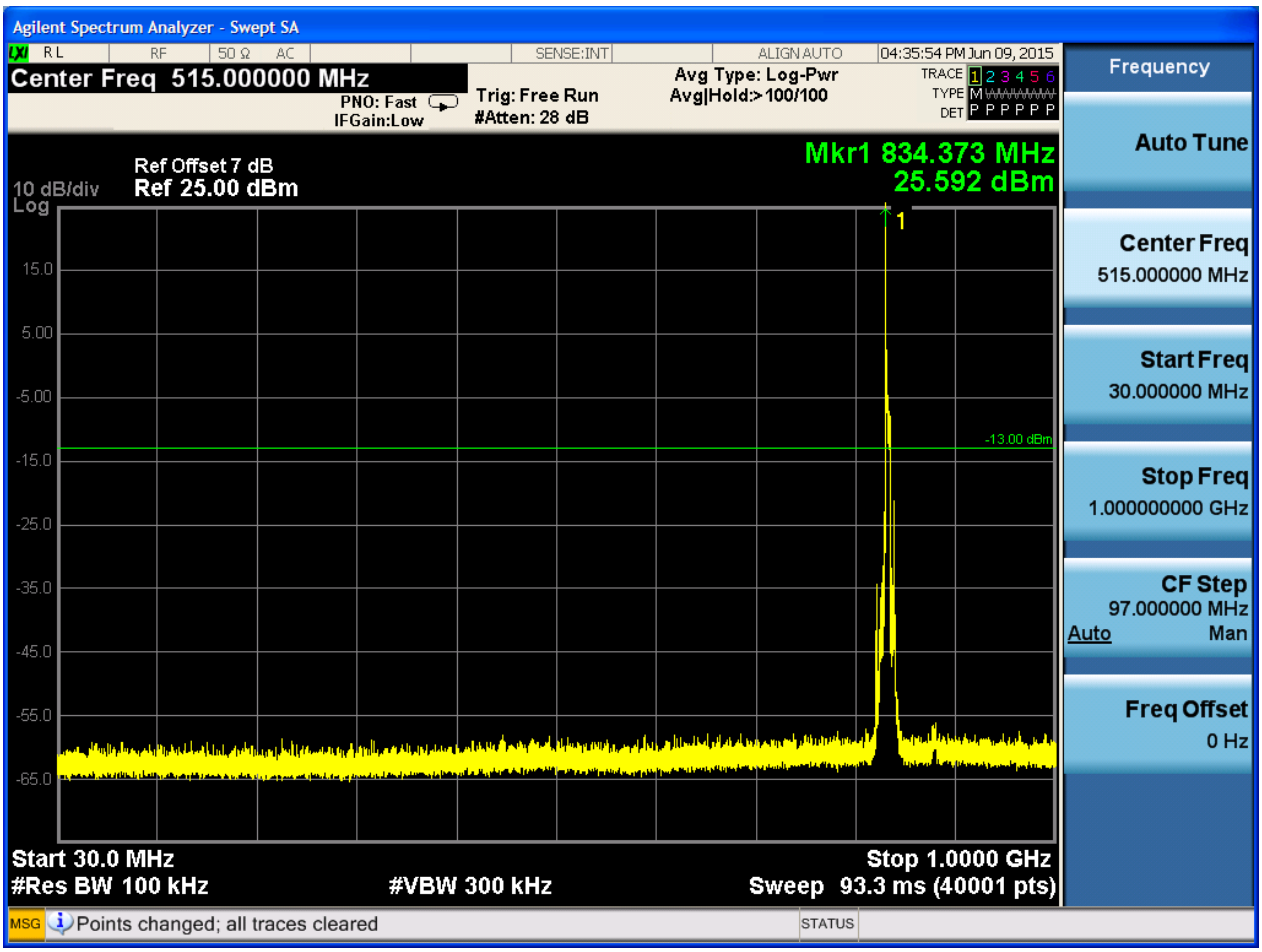


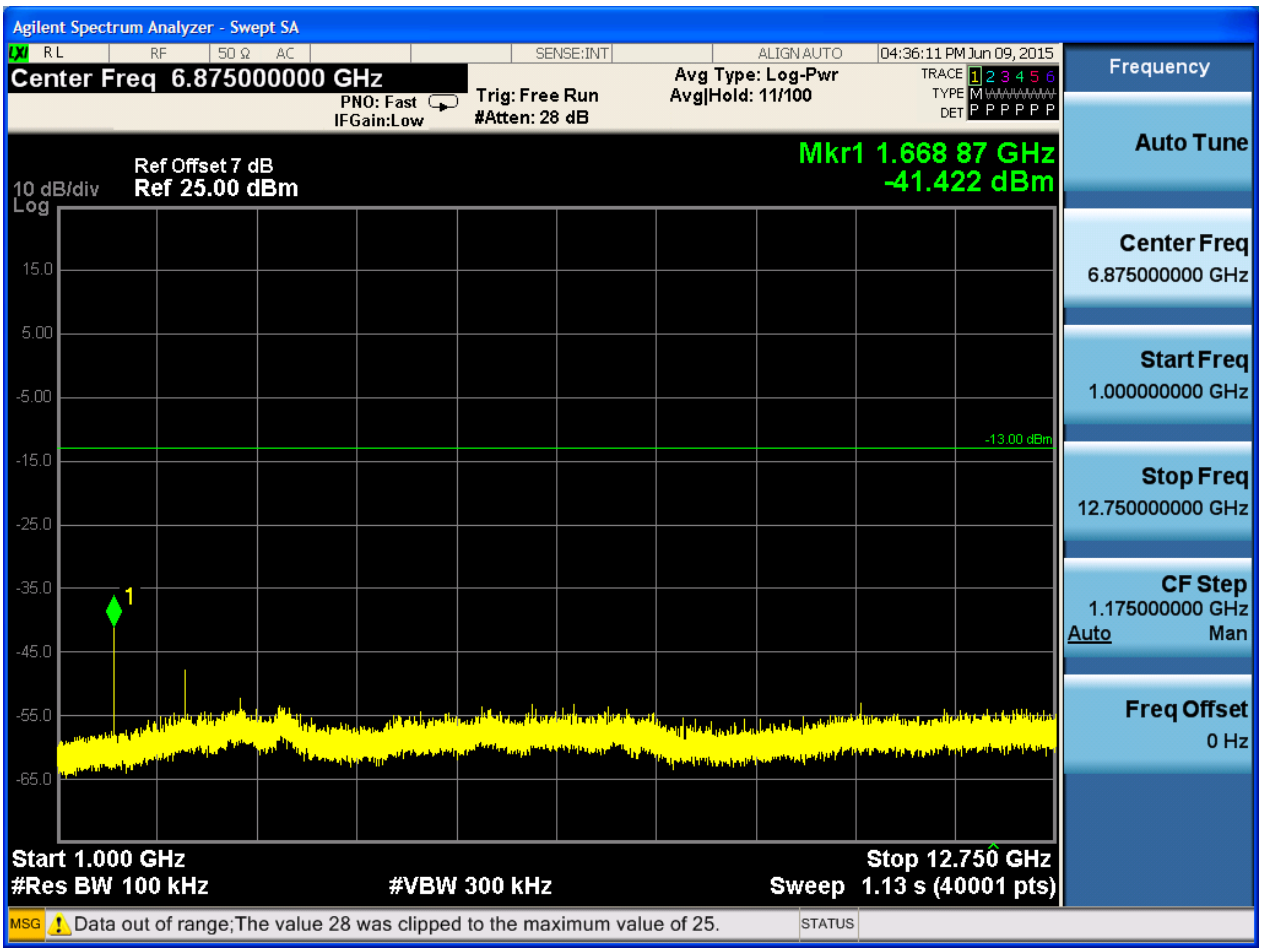


6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

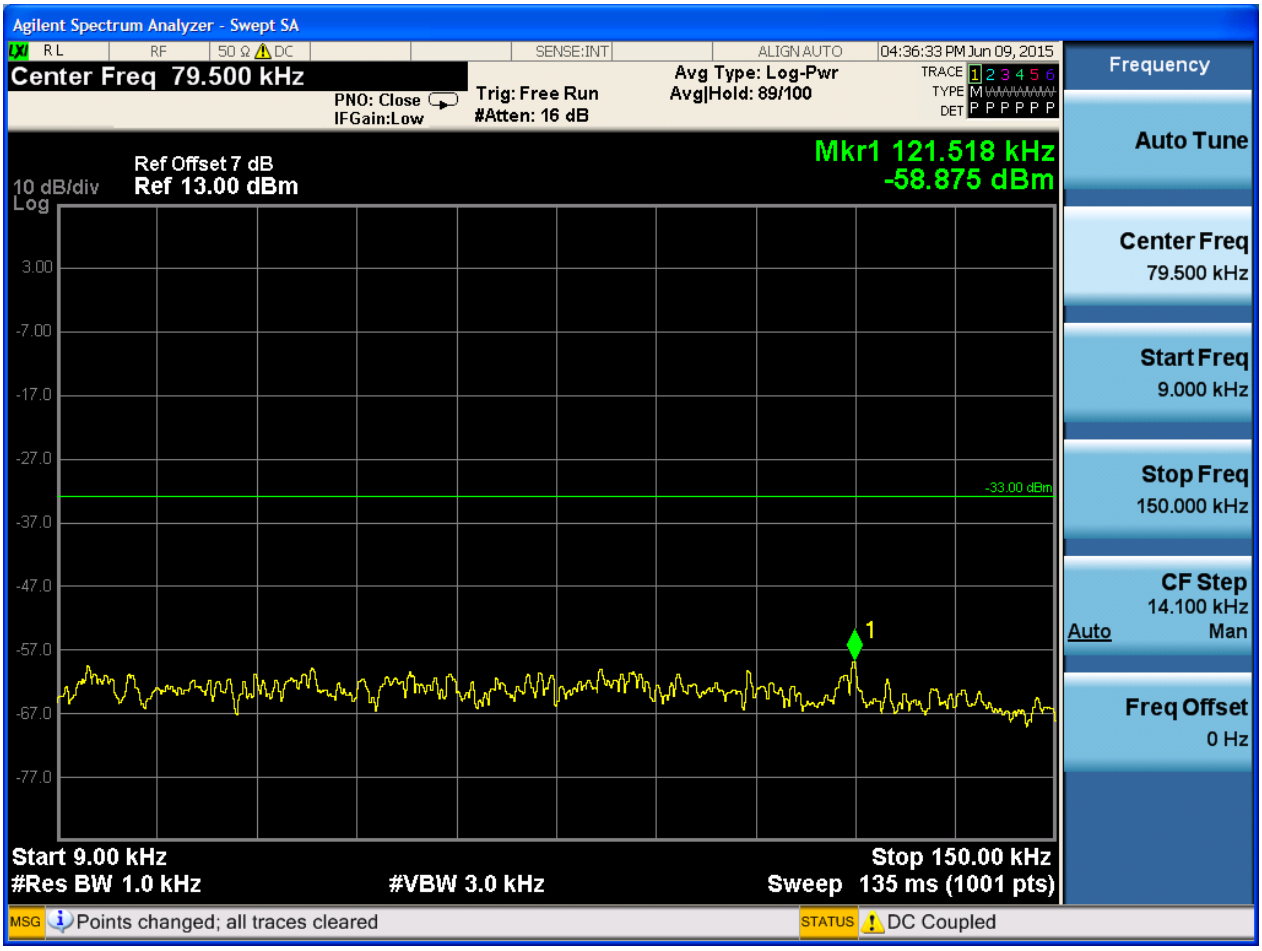


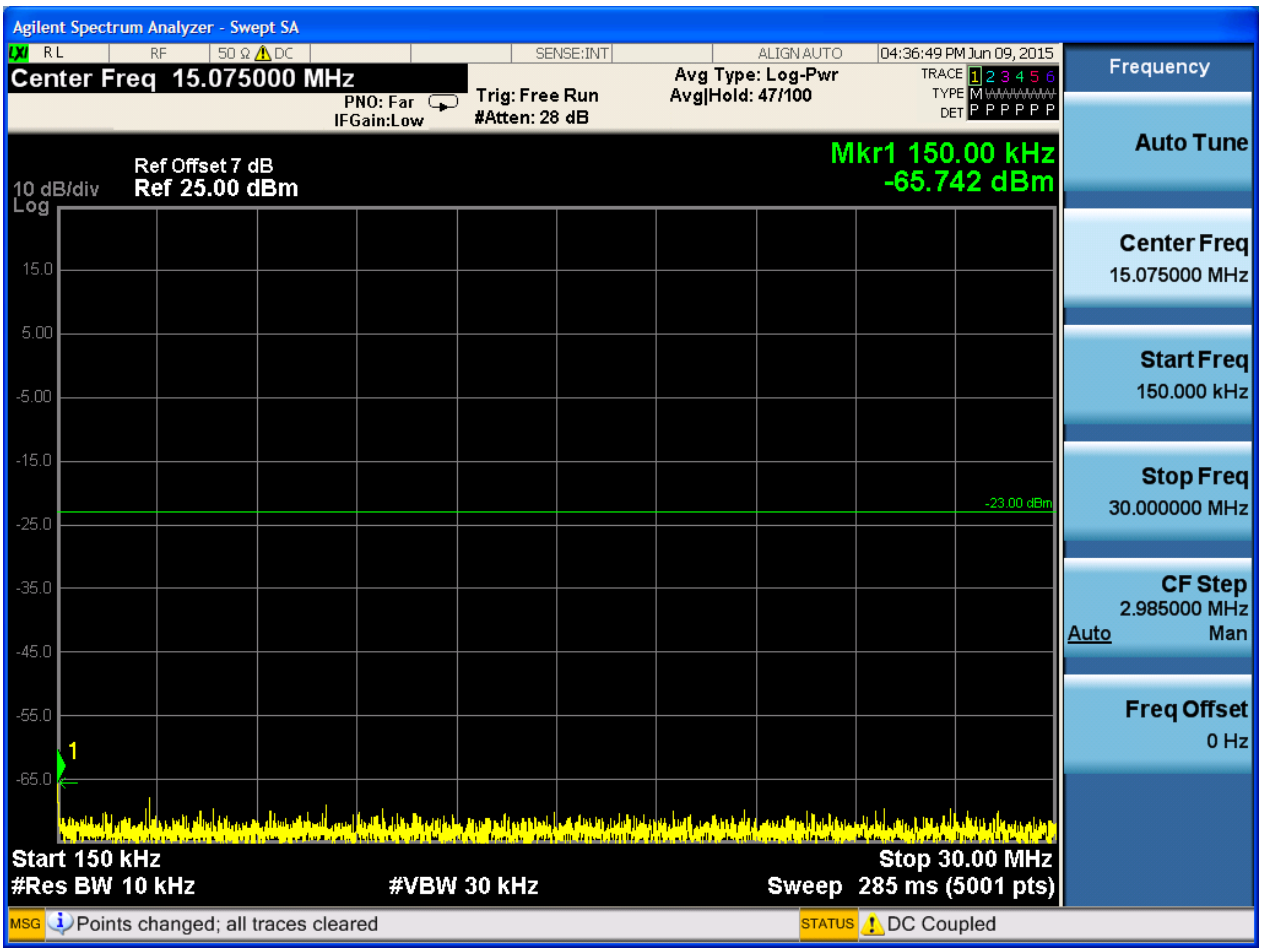


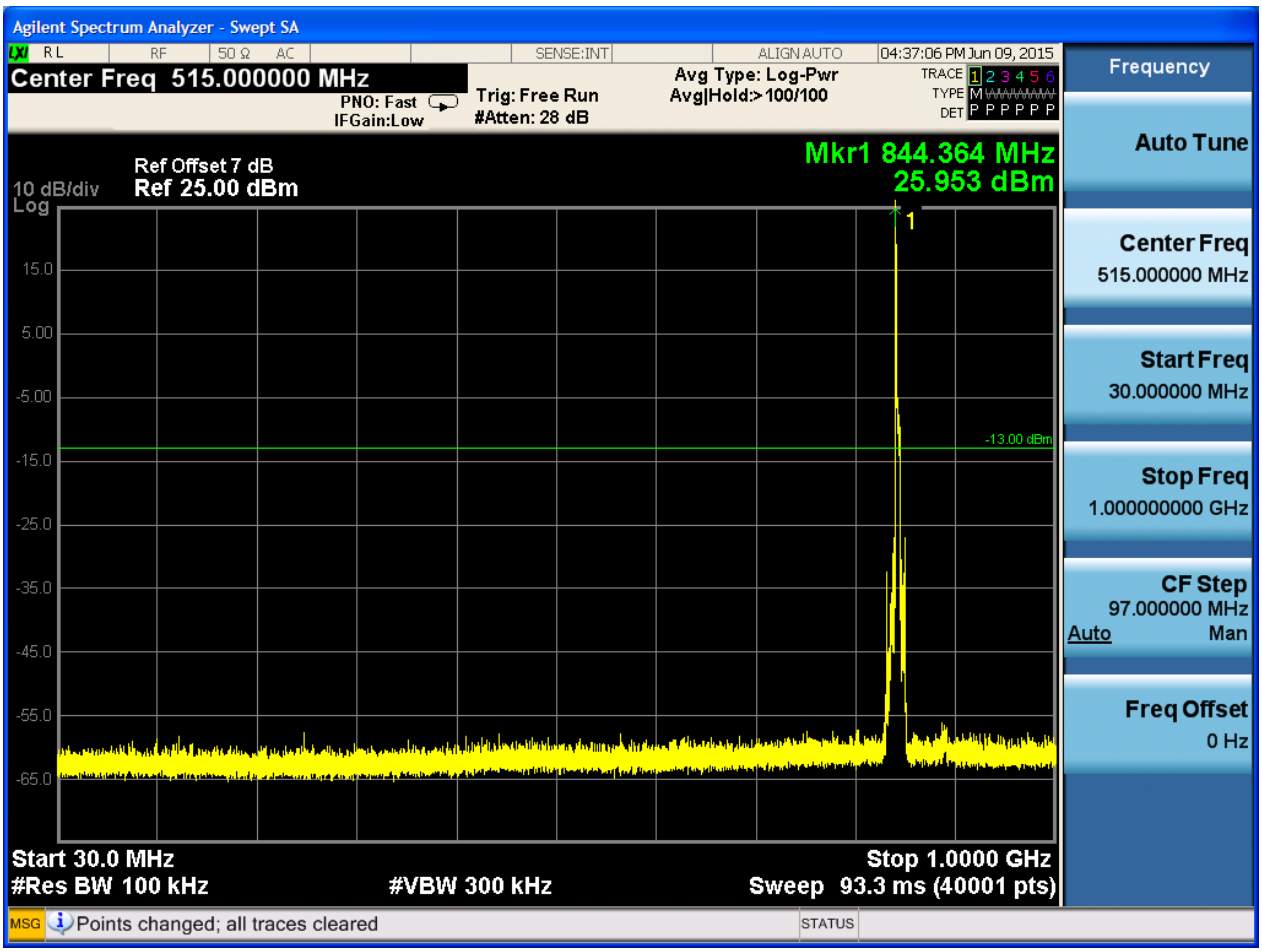


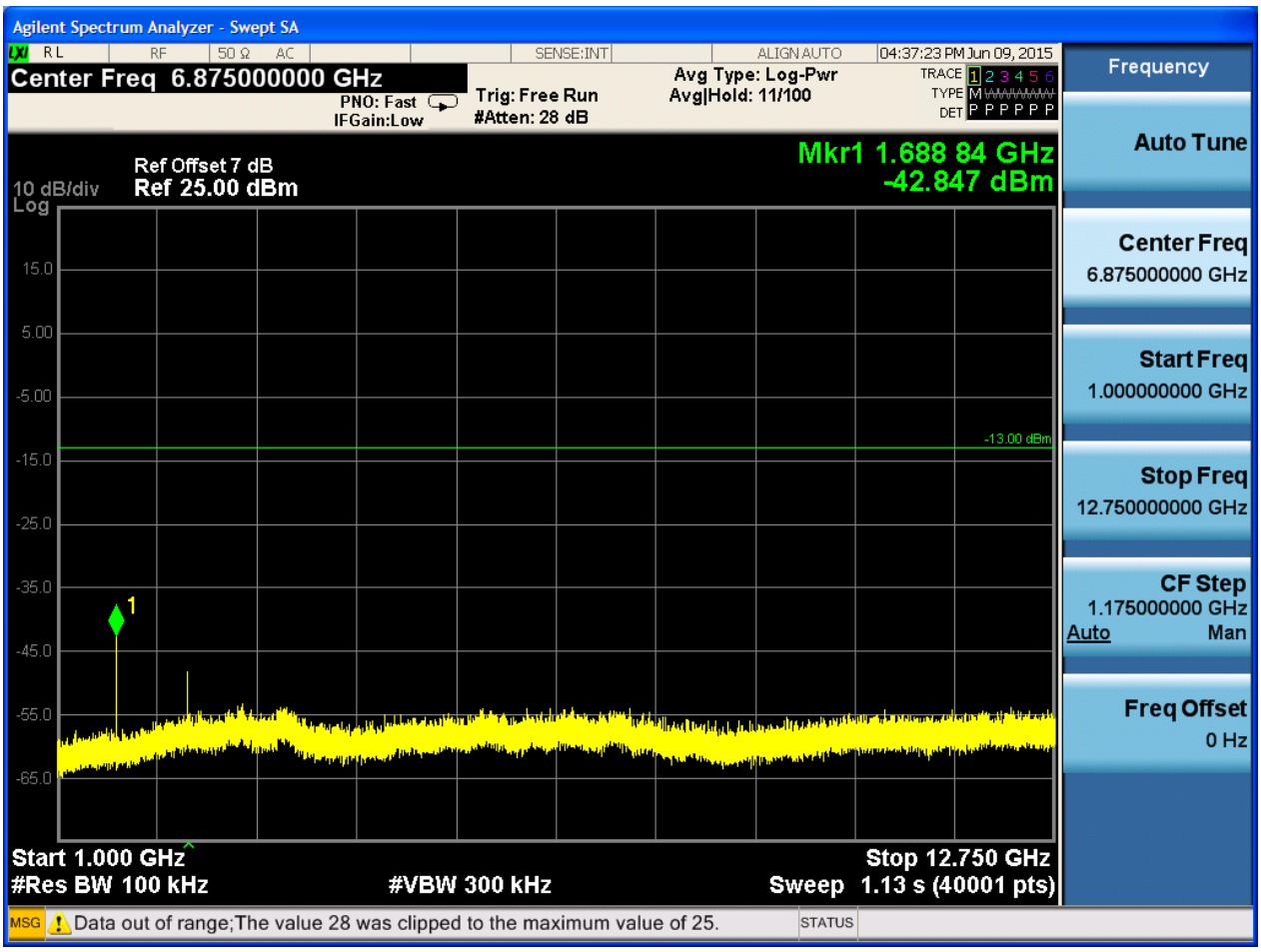
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





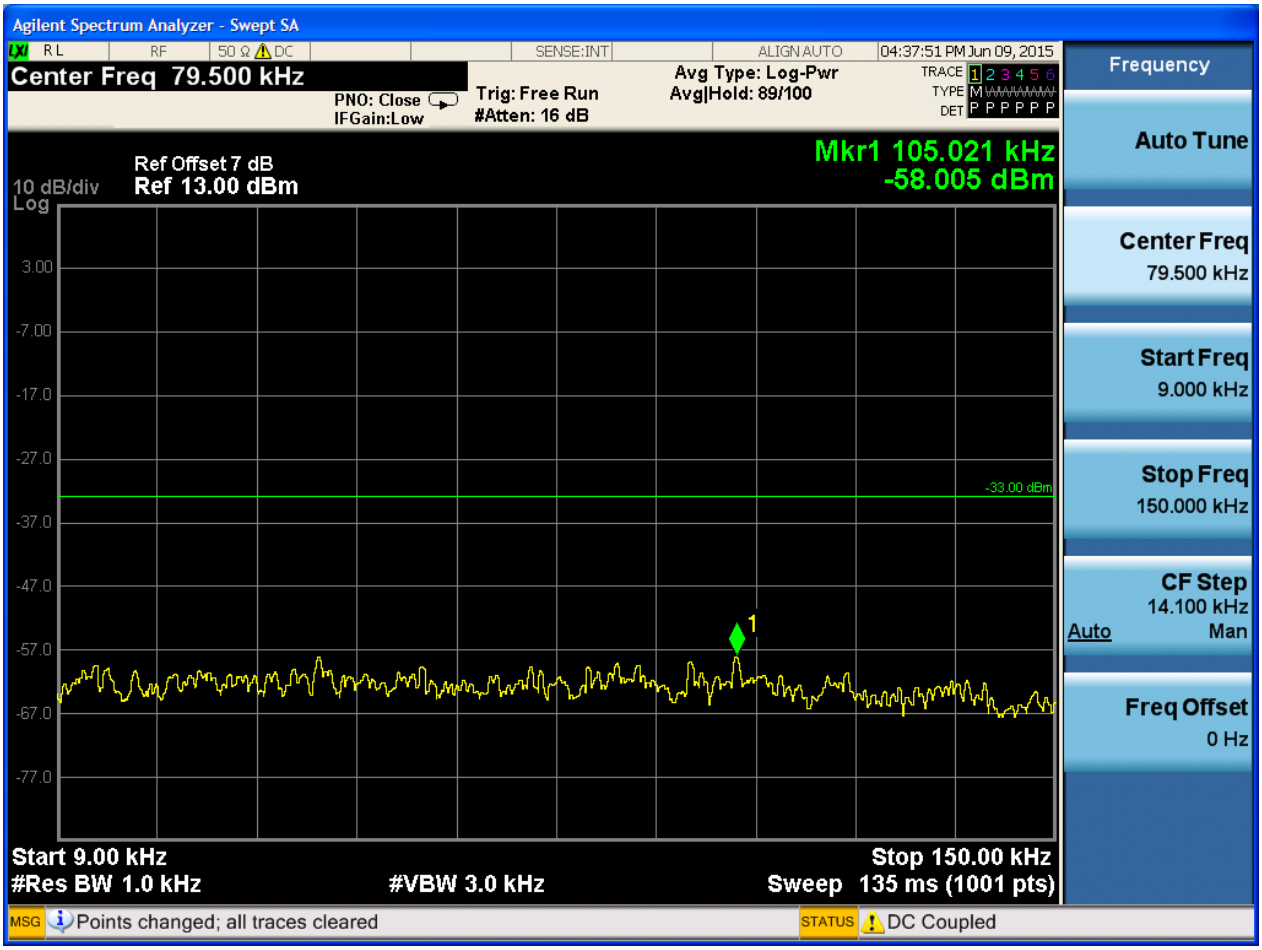


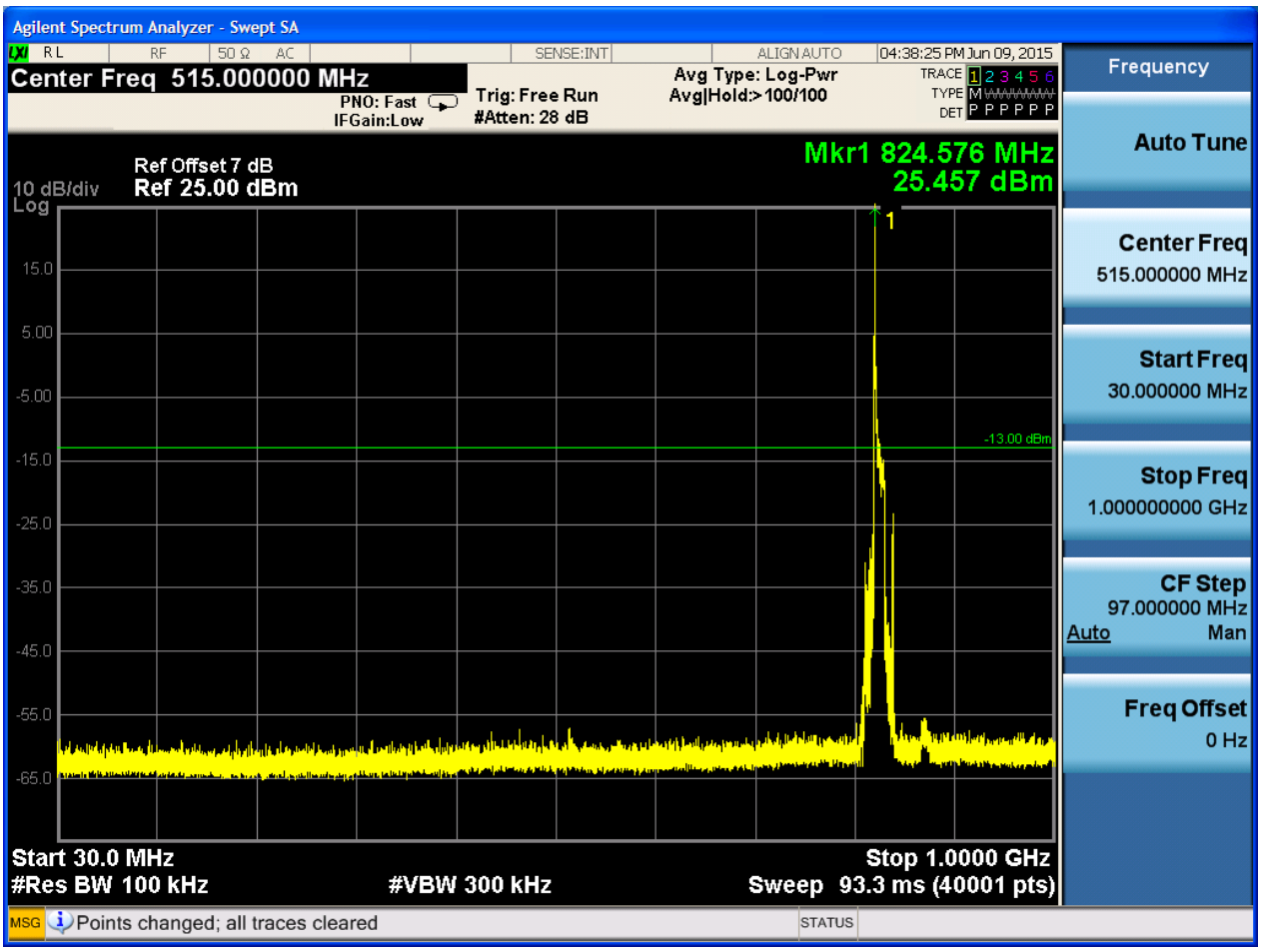


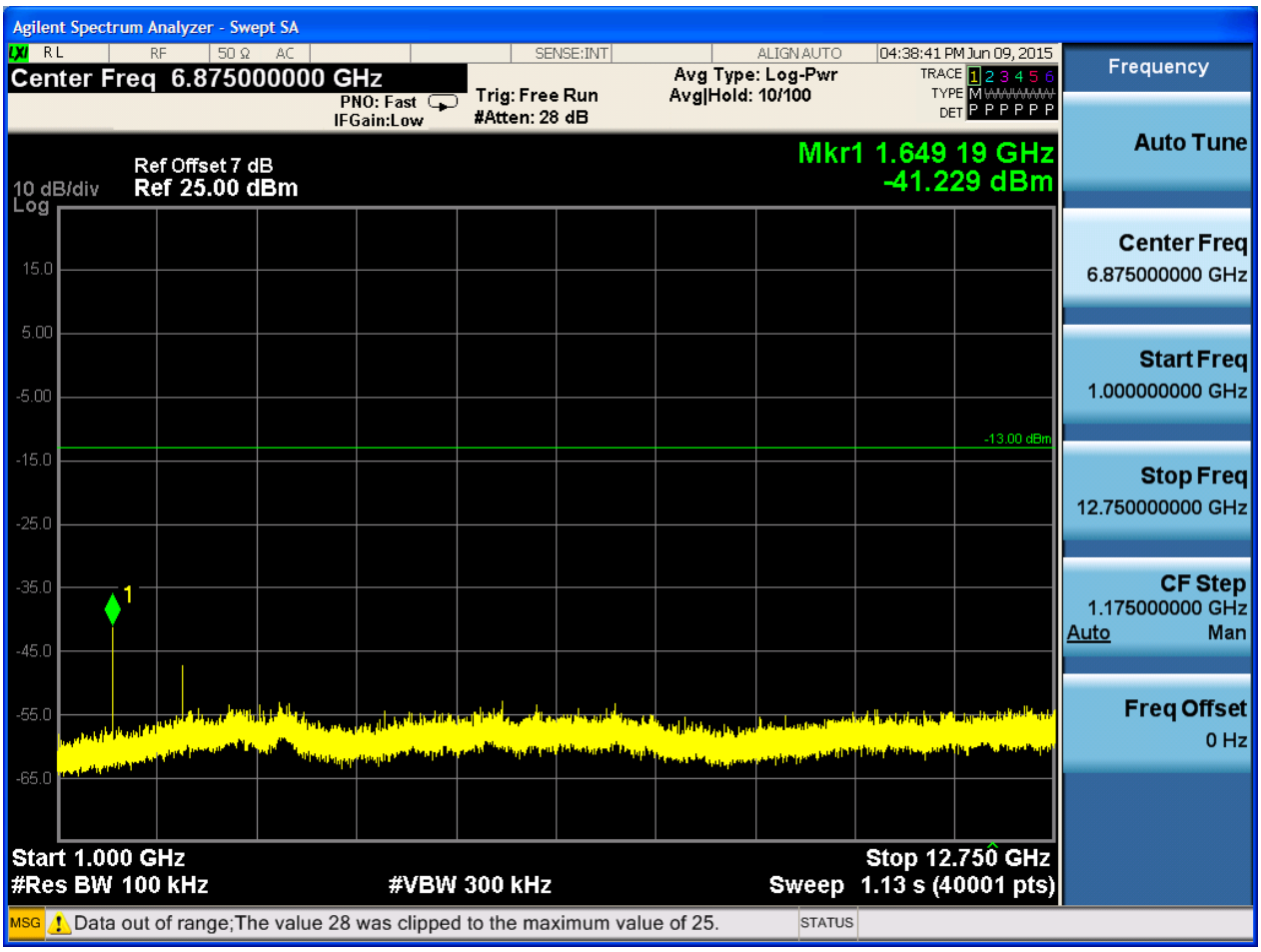
6.1.1.1.4 Test Bandwidth = 10

6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0

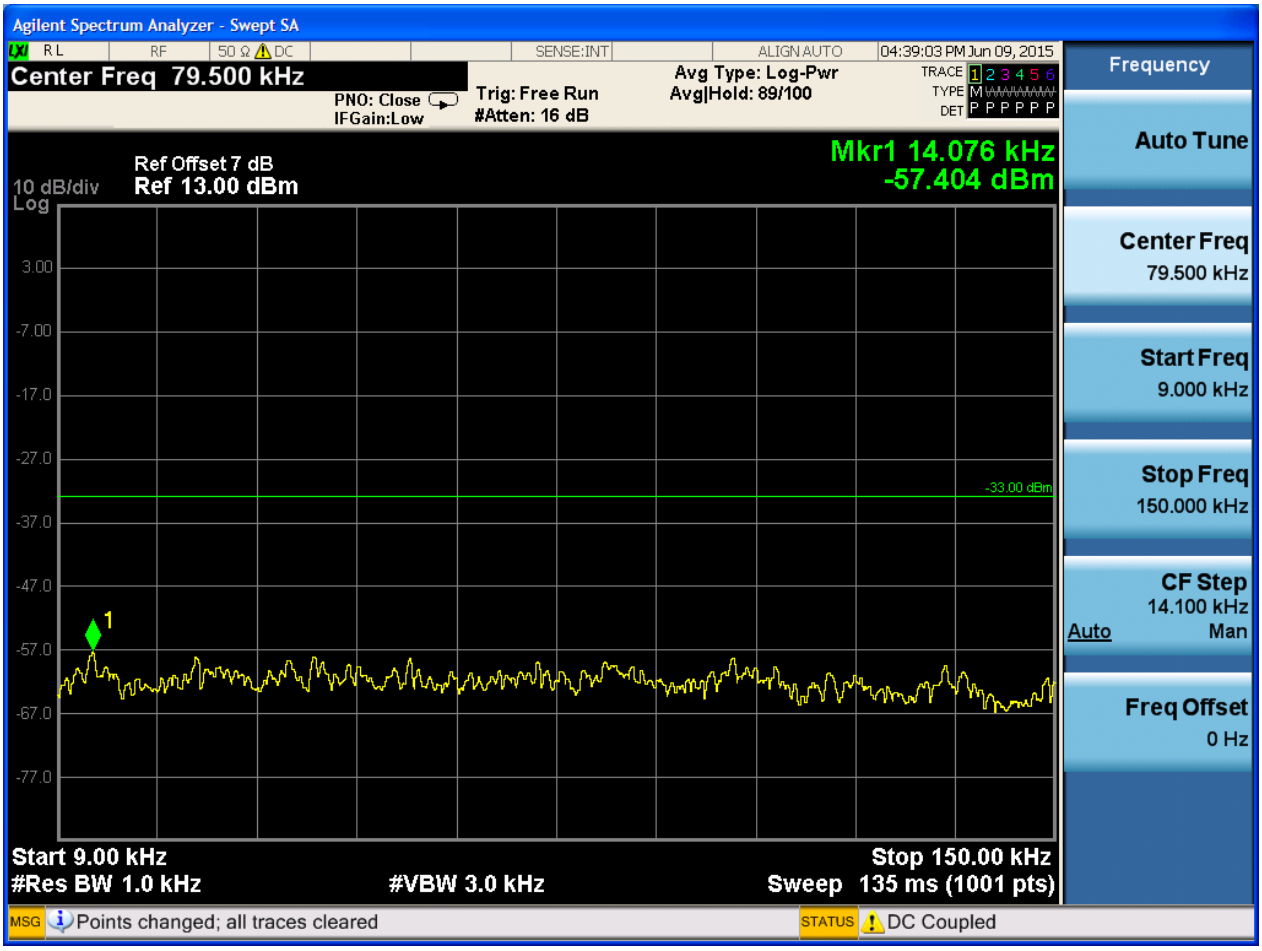


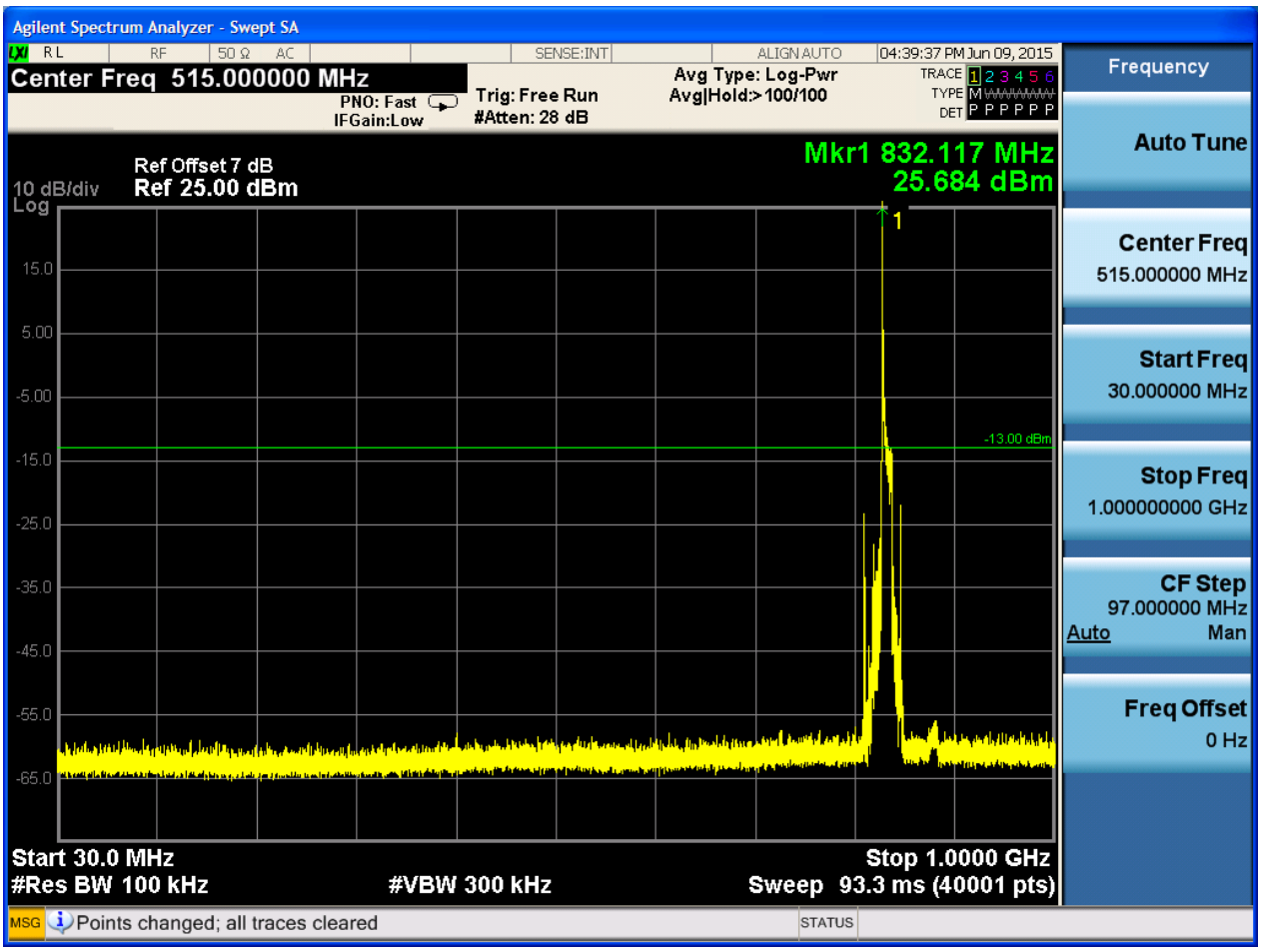


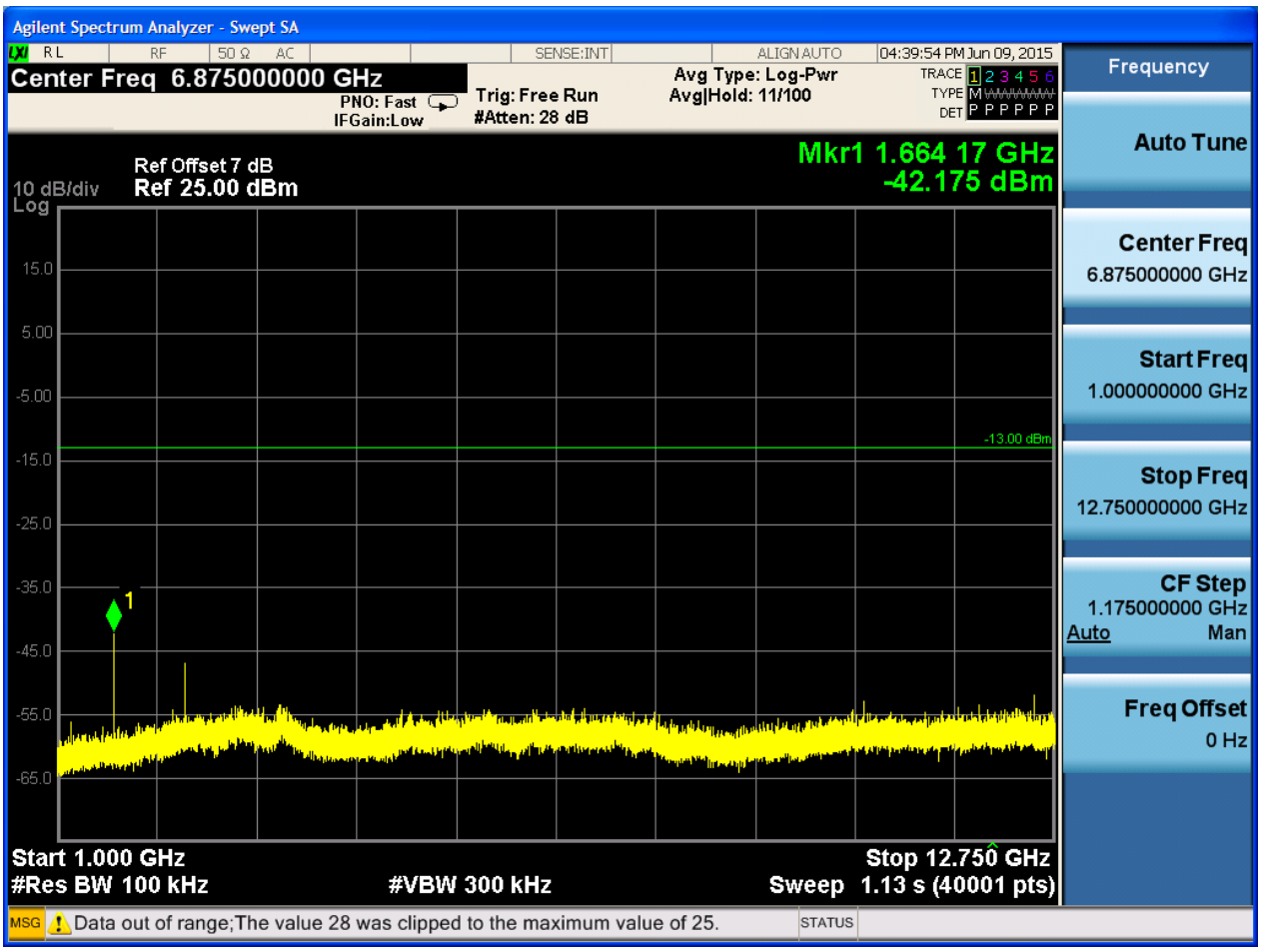

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:38:41 PM Jun 09, 2015
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 10/100
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P
Ref Offset 7 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 1.649 19 GHz
-41.229 dBm
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-13.00 dBm
1
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
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
MSG
Data out of range;The value 28 was clipped to the maximum value of 25.
STATUS

6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0

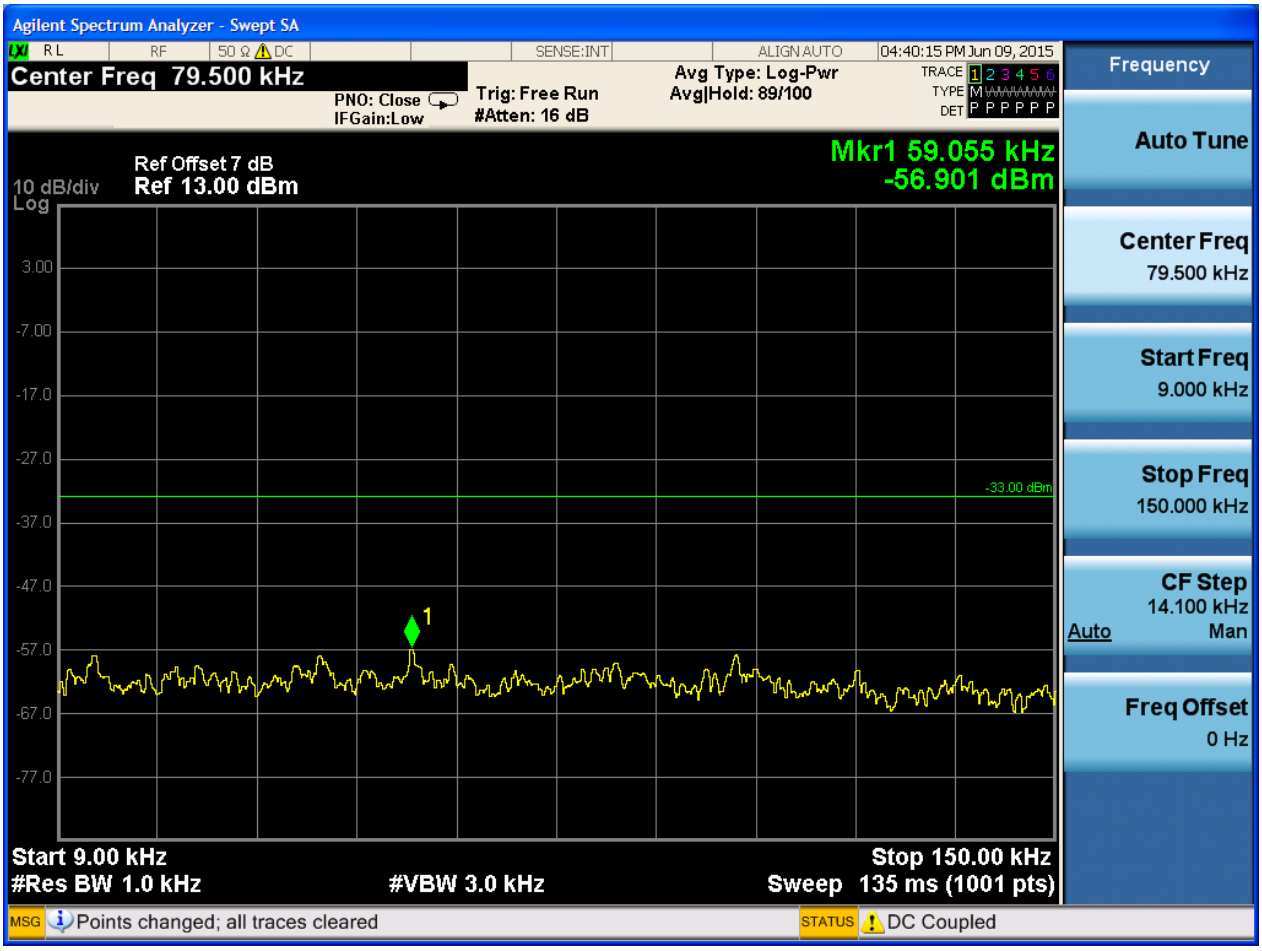


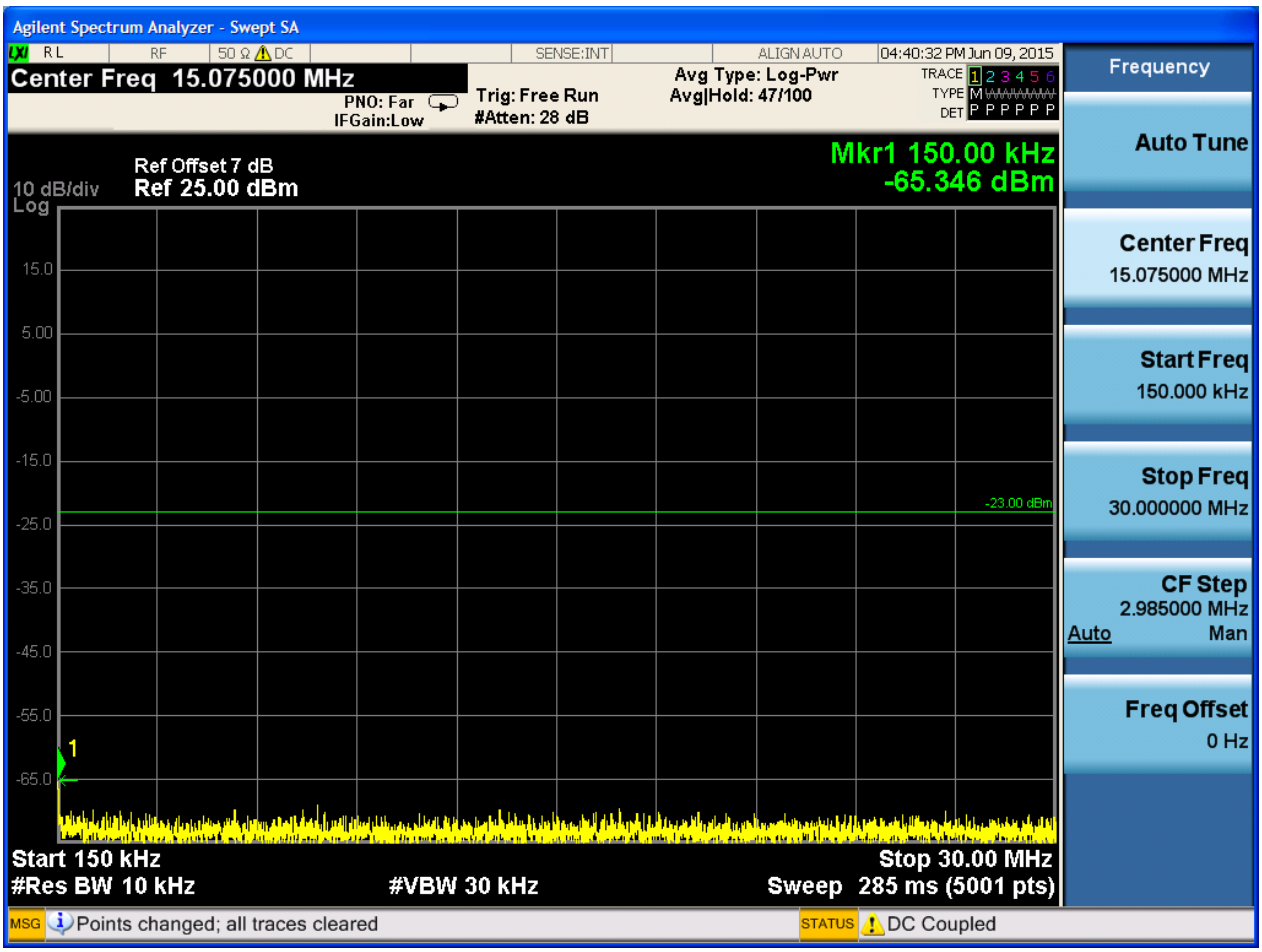


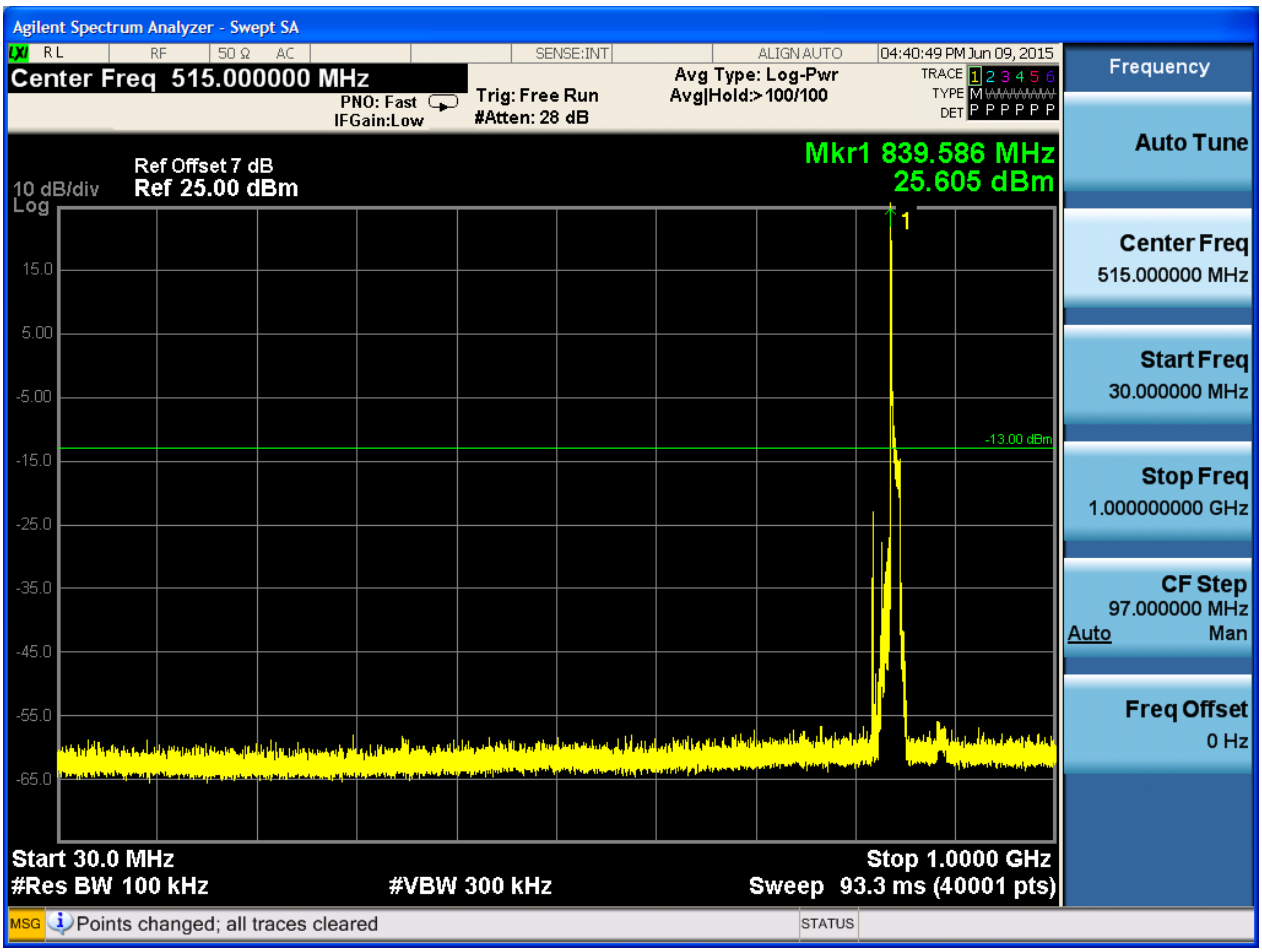

Agilent Spectrum Analyzer - Swept SA
RL
RF
50 Ω AC
SENSE:INT
ALIGN AUTO
04:39:54 PM Jun 09, 2015
Center Freq 6.875000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 28 dB
Avg Type: Log-Pwr
Avg|Hold: 11/100
TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P
Ref Offset 7 dB
10 dB/div
Log
Ref 25.00 dBm
Mkr1 1.664 17 GHz
-42.175 dBm
15.0
5.00
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-13.00 dBm
1
Start 1.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 12.750 GHz
Sweep 1.13 s (40001 pts)
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
MSG
Data out of range;The value 28 was clipped to the maximum value of 25.
STATUS

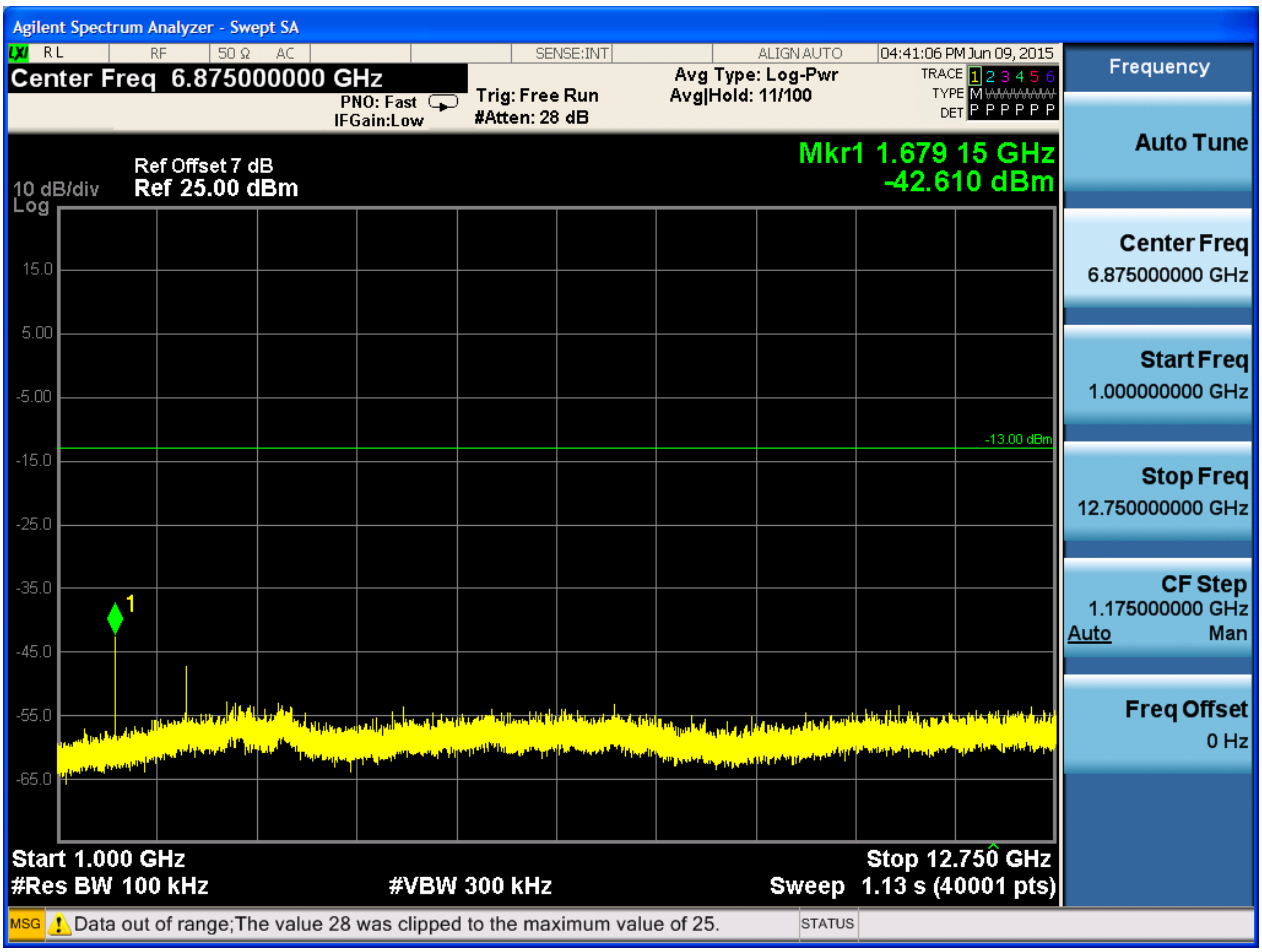
6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0





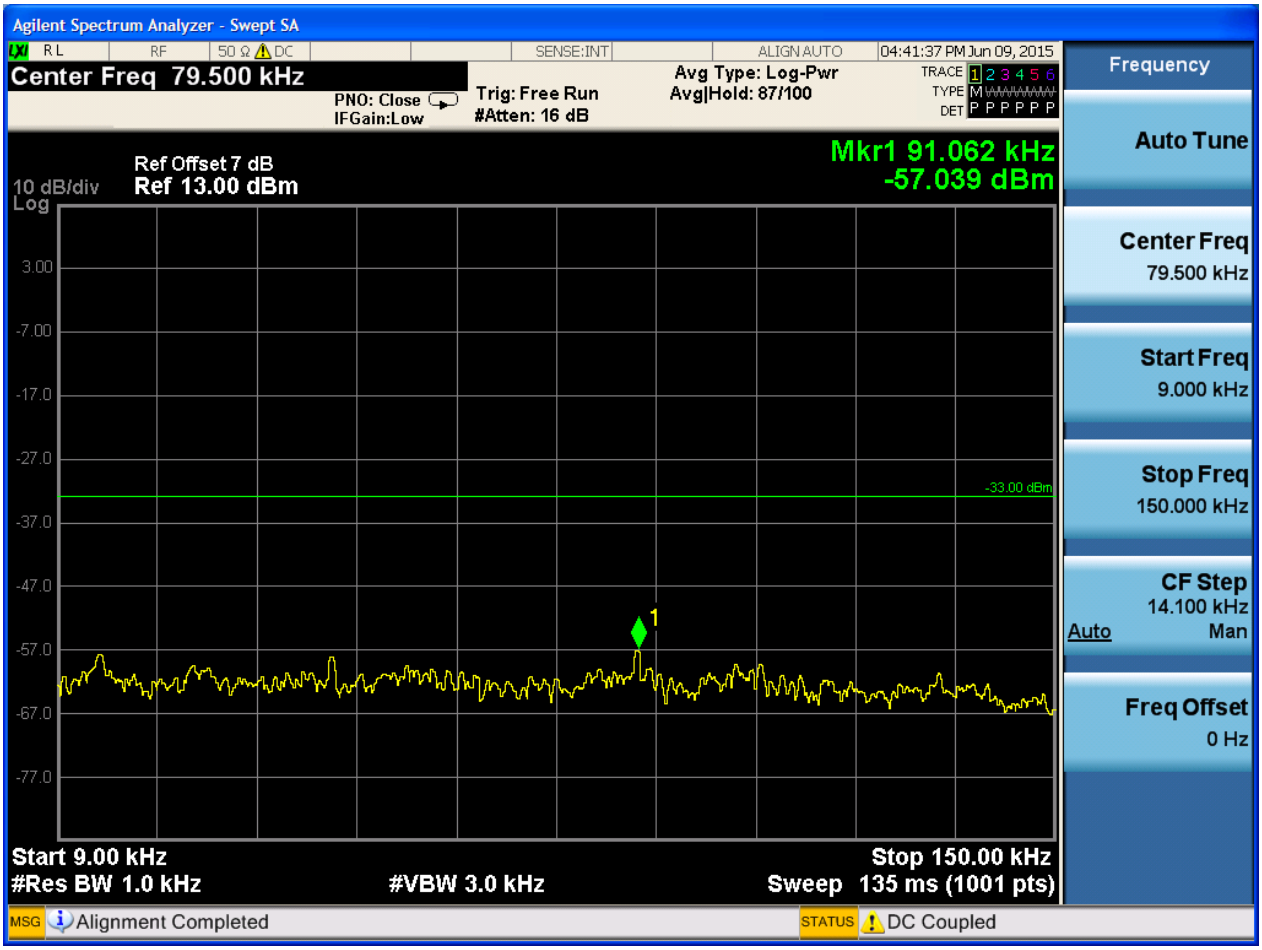


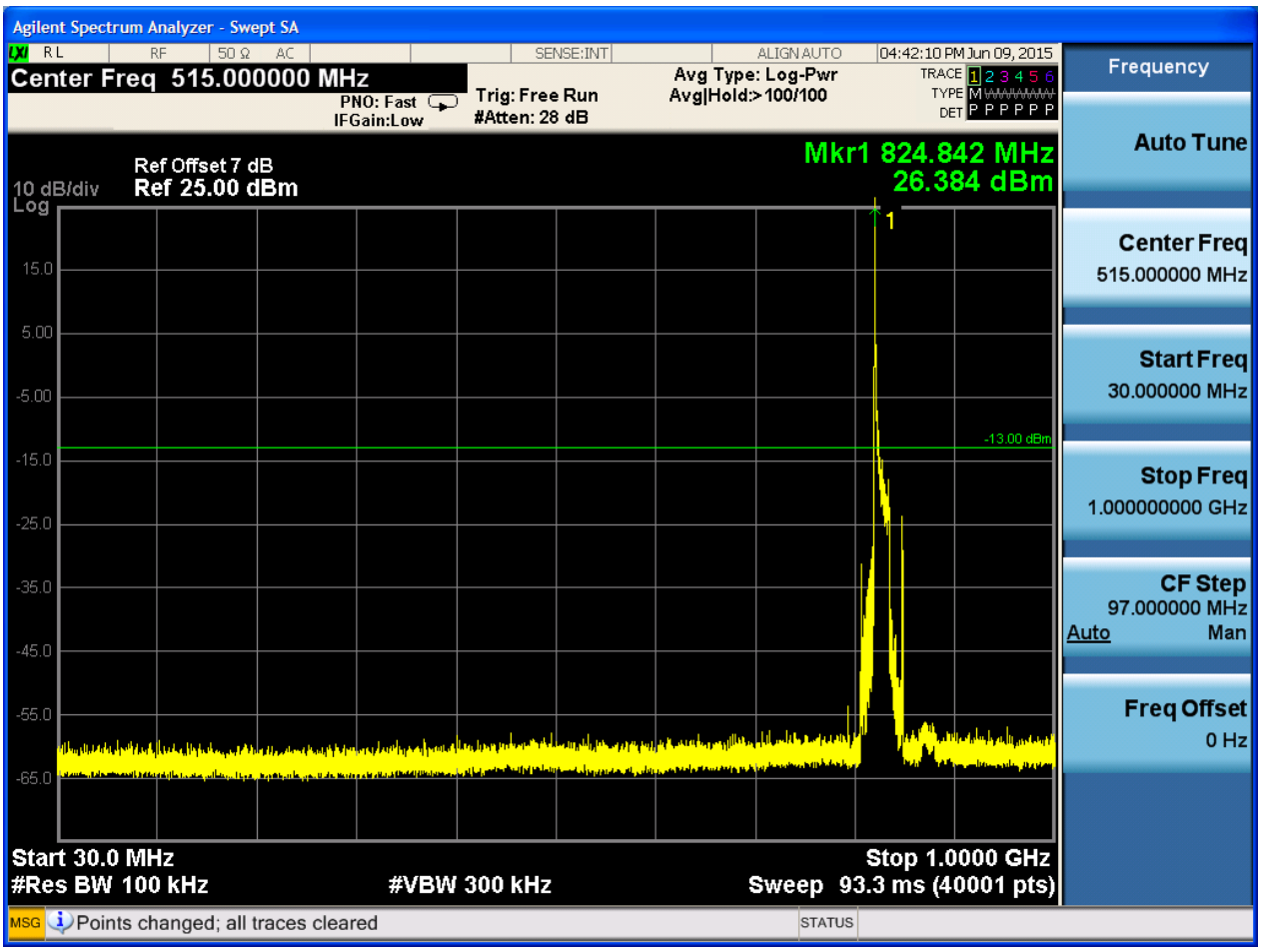


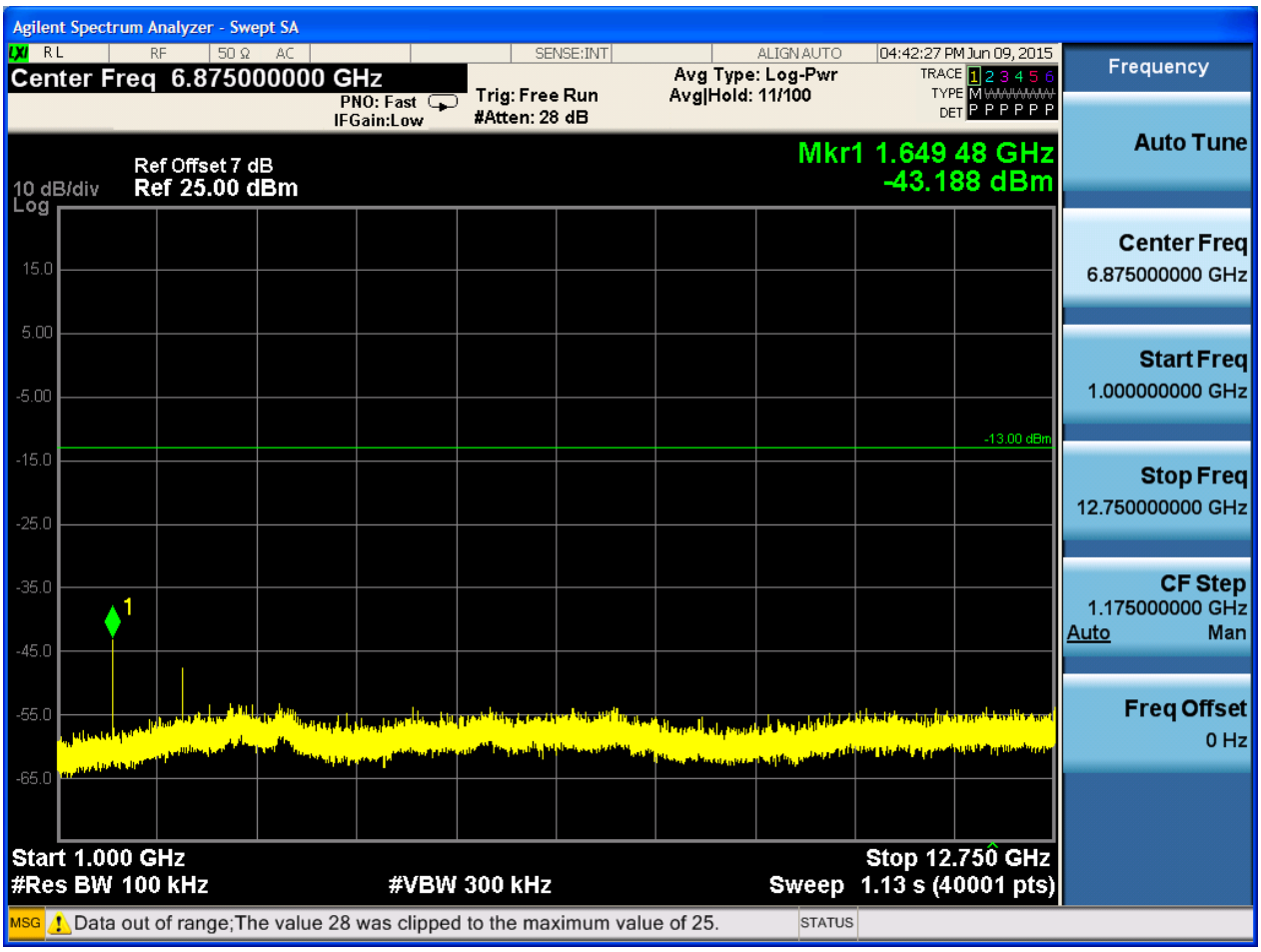
6.1.1.1.5 Test Bandwidth = 15

6.1.1.1.5.1 Test Channel = LCH

6.1.1.1.5.1.1 Test RB = RB1#0

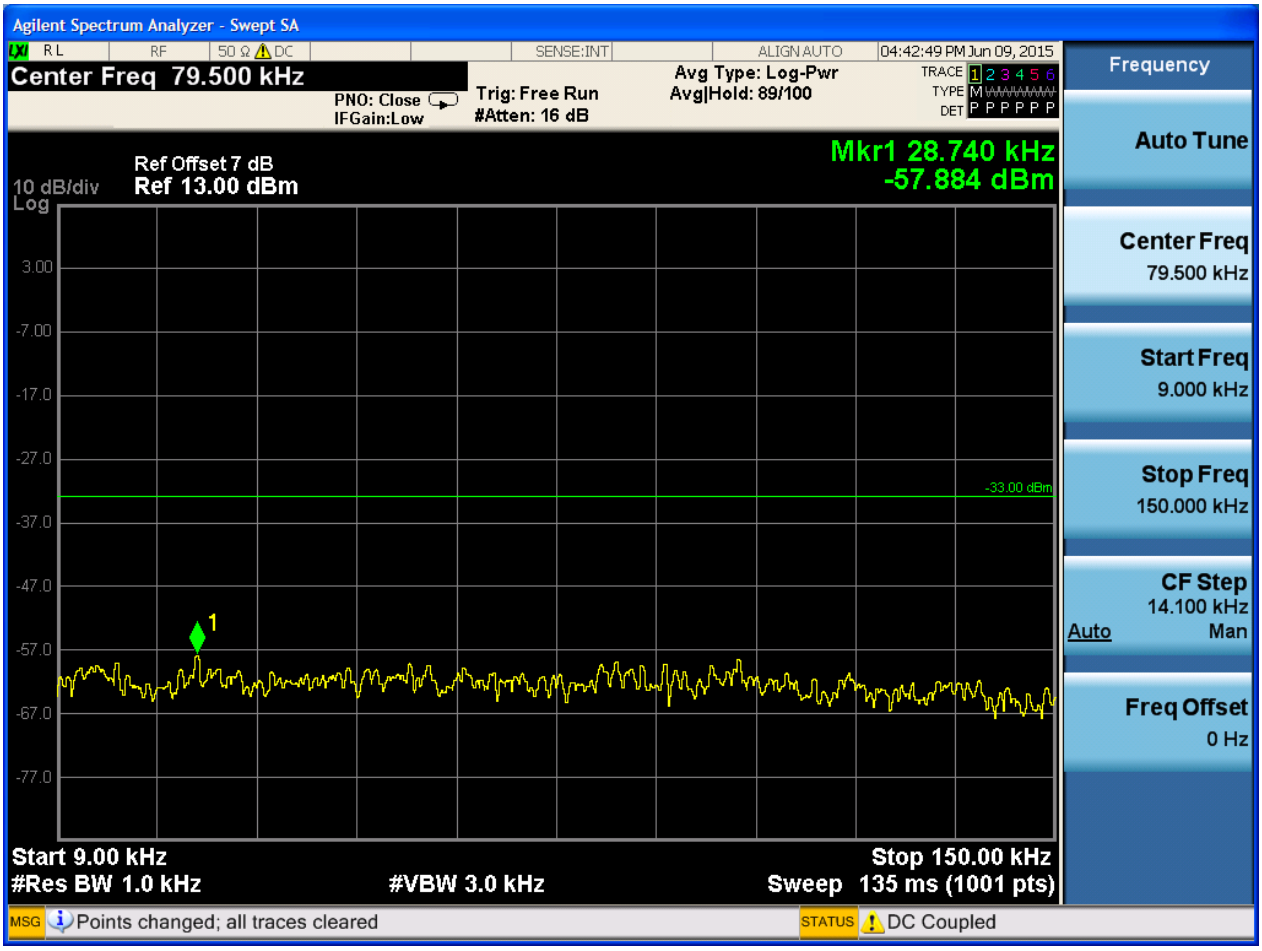


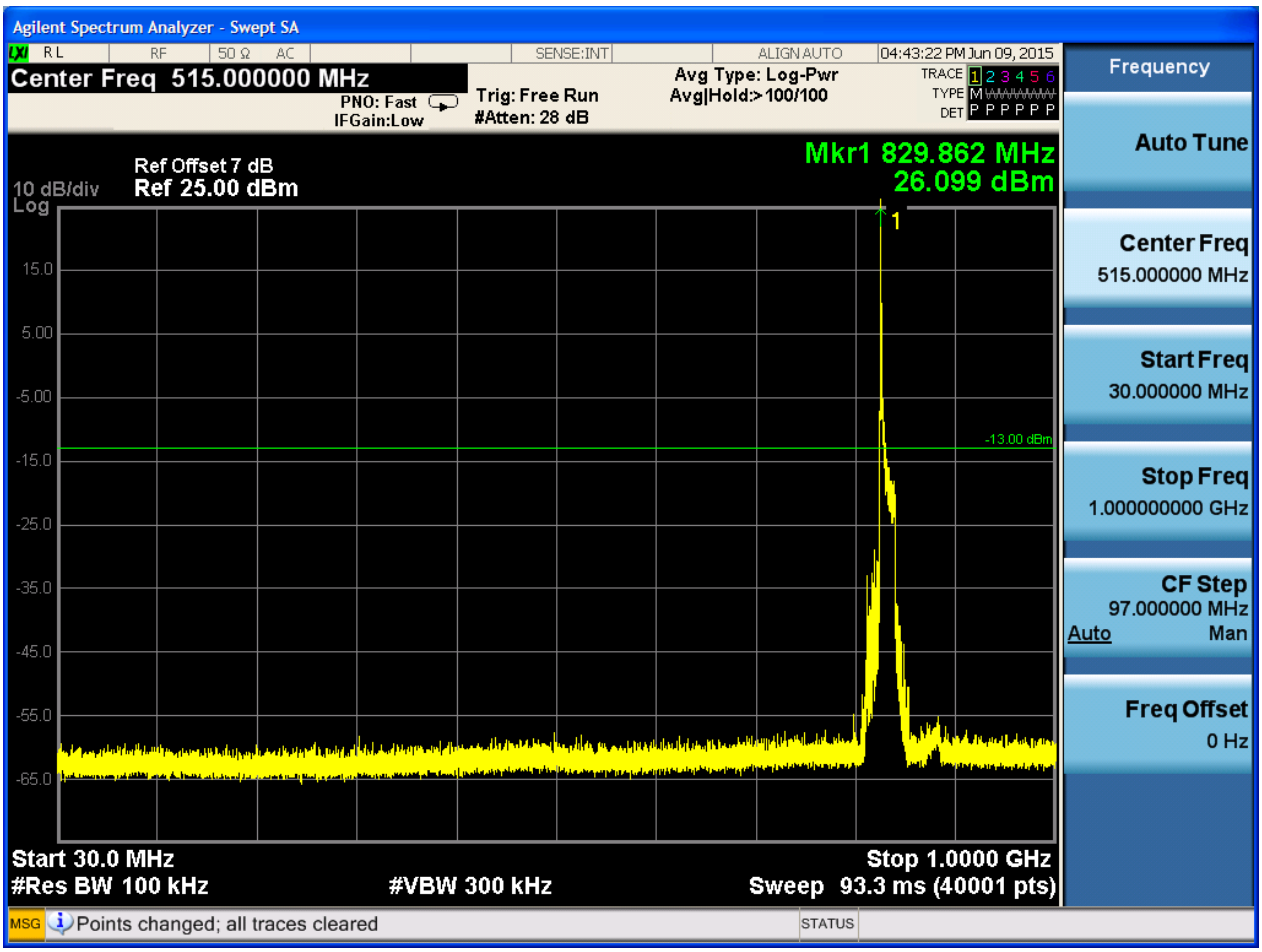


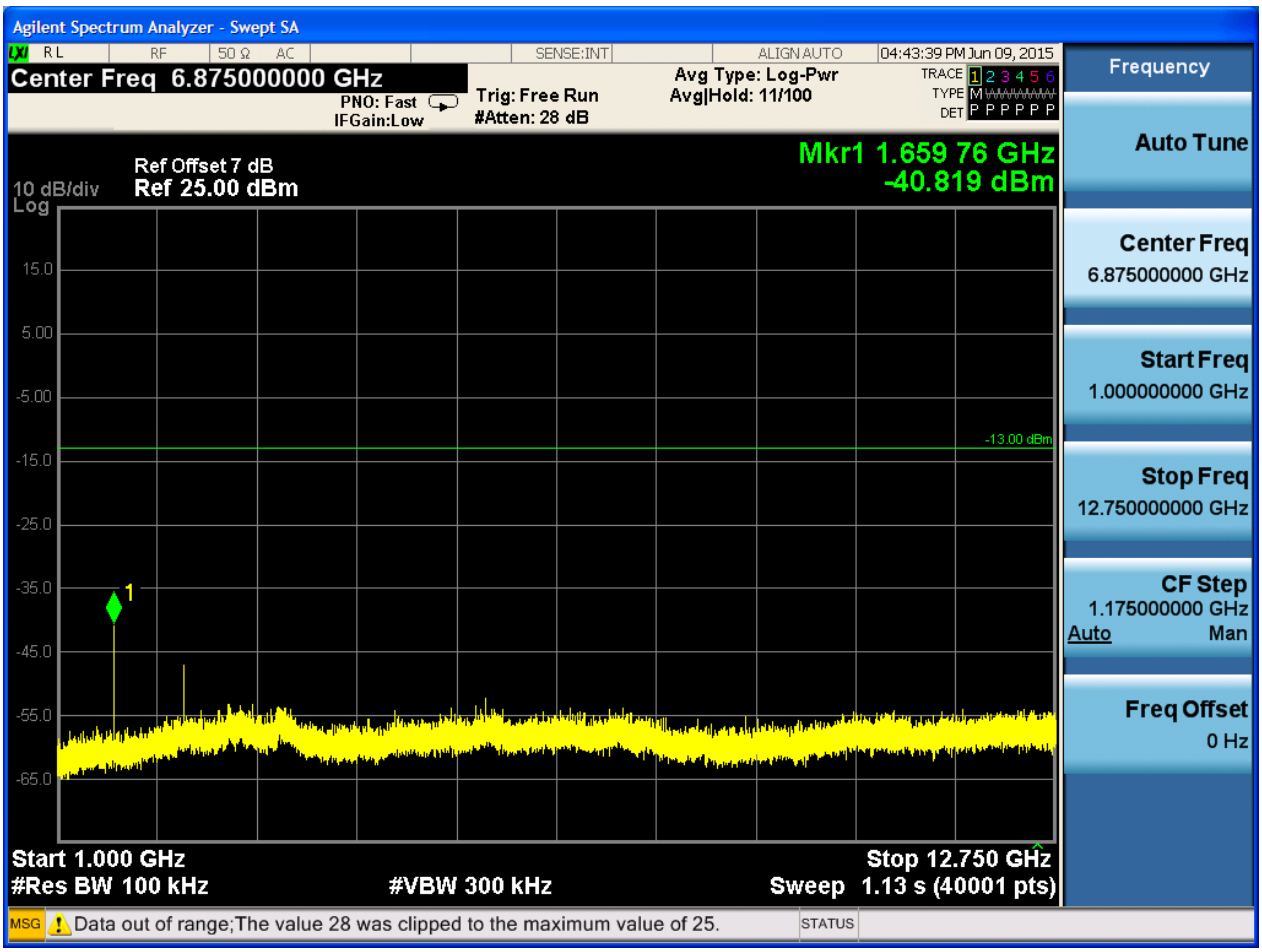


6.1.1.1.5.2 Test Channel = MCH

6.1.1.1.5.2.1 Test RB = RB1#0

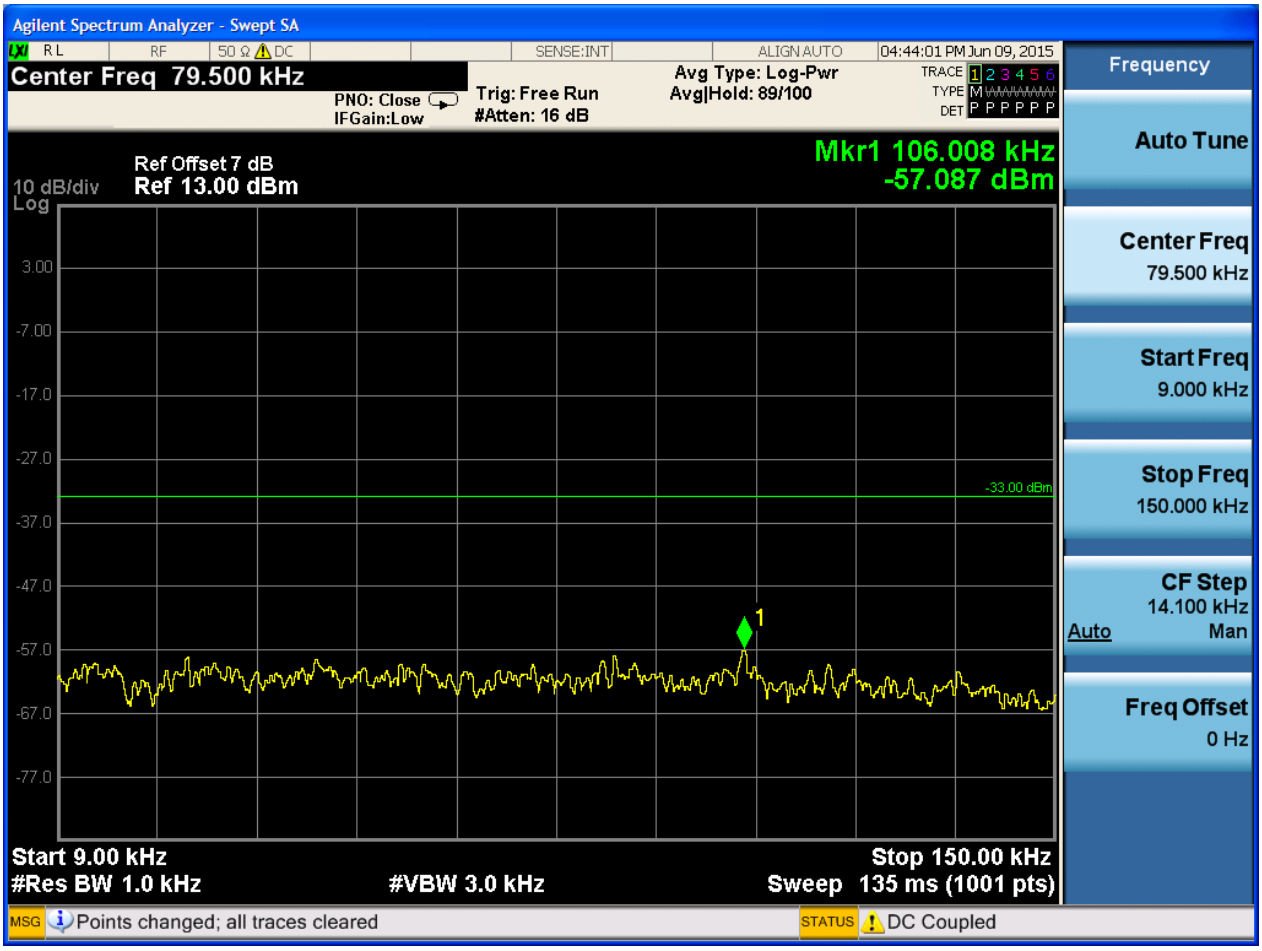


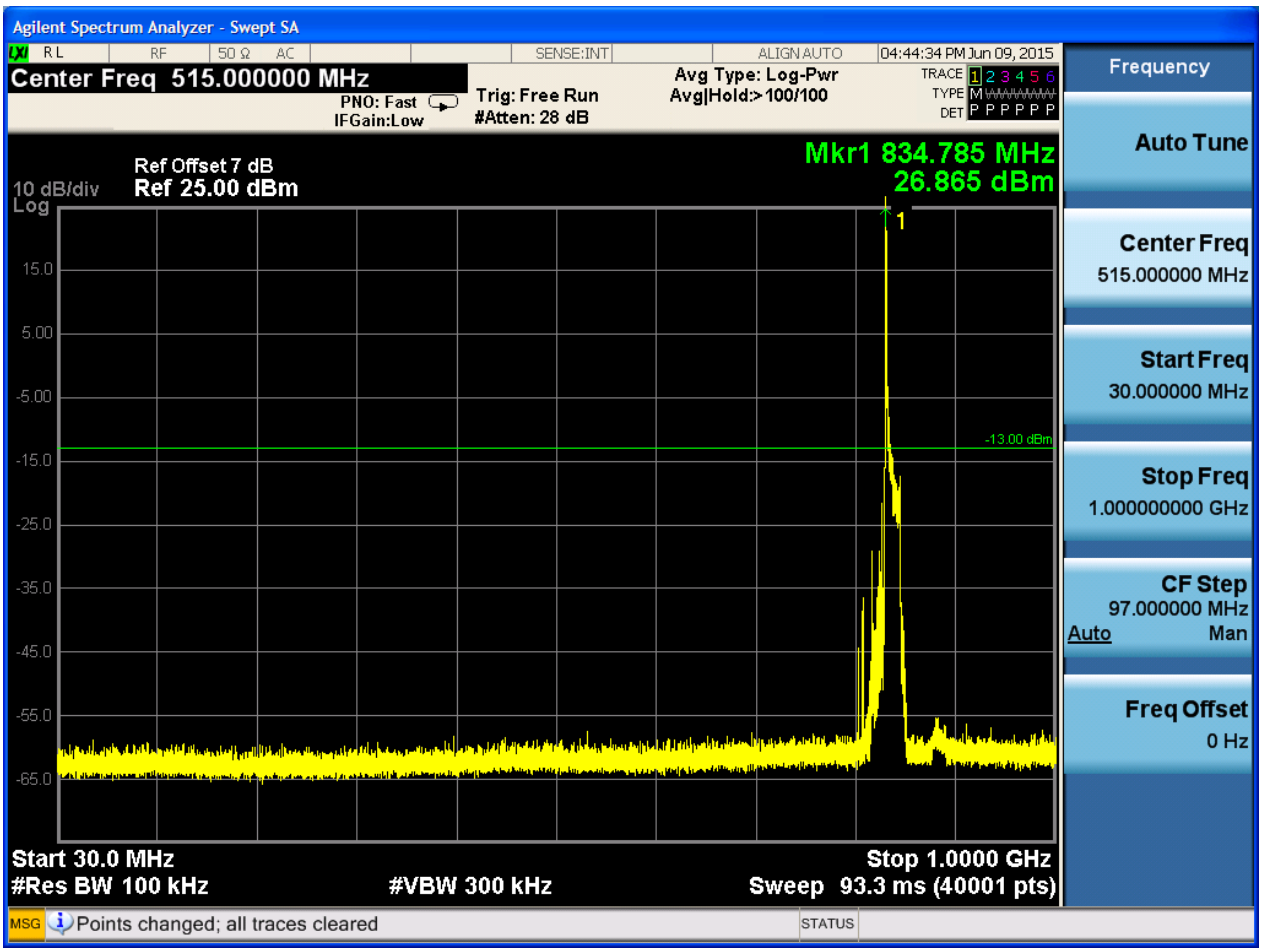


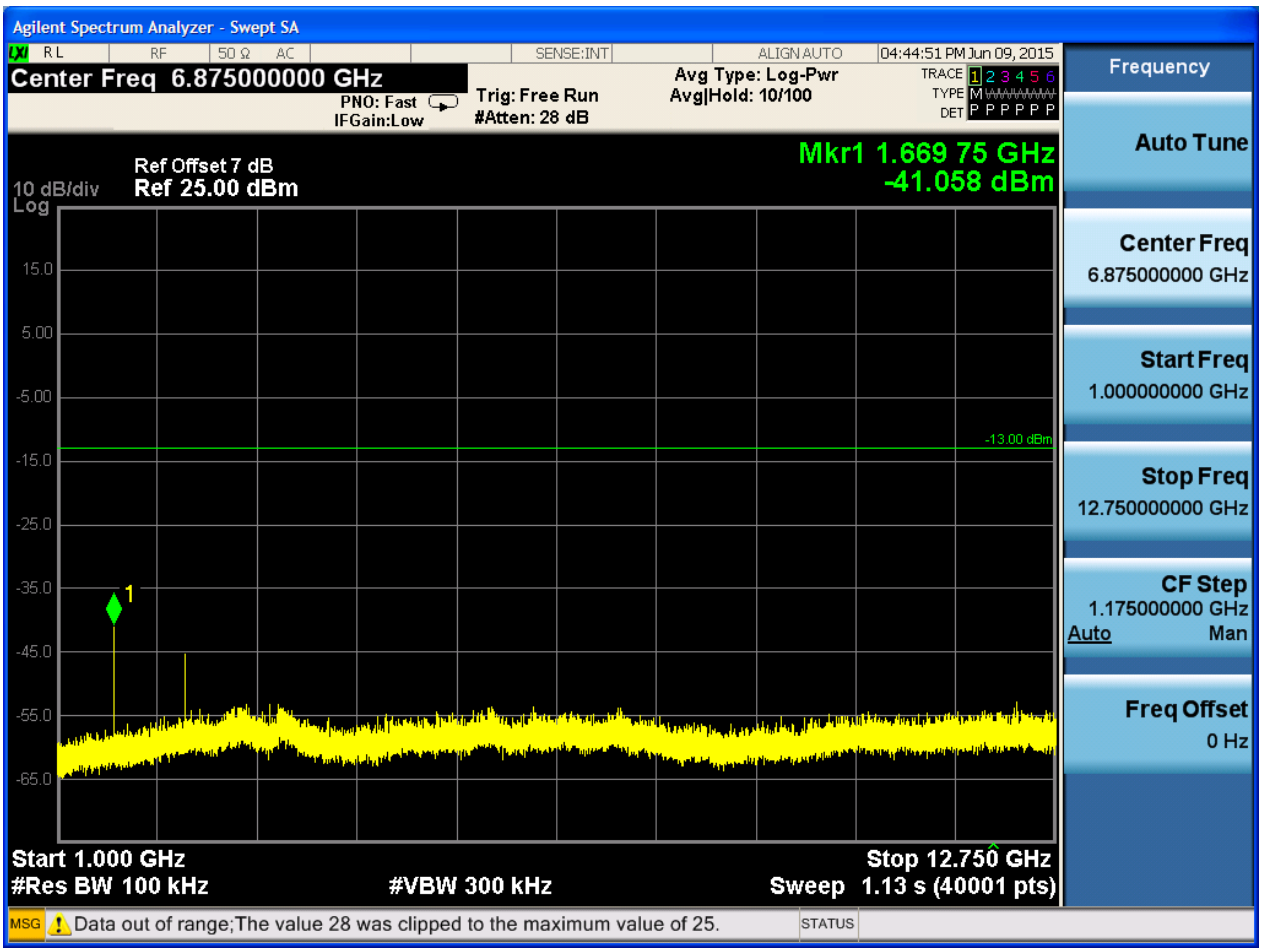


6.1.1.1.5.3 Test Channel = HCH

6.1.1.1.5.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note:

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

No peak found in the Test Range of “9 kHz to 30MHz”

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

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

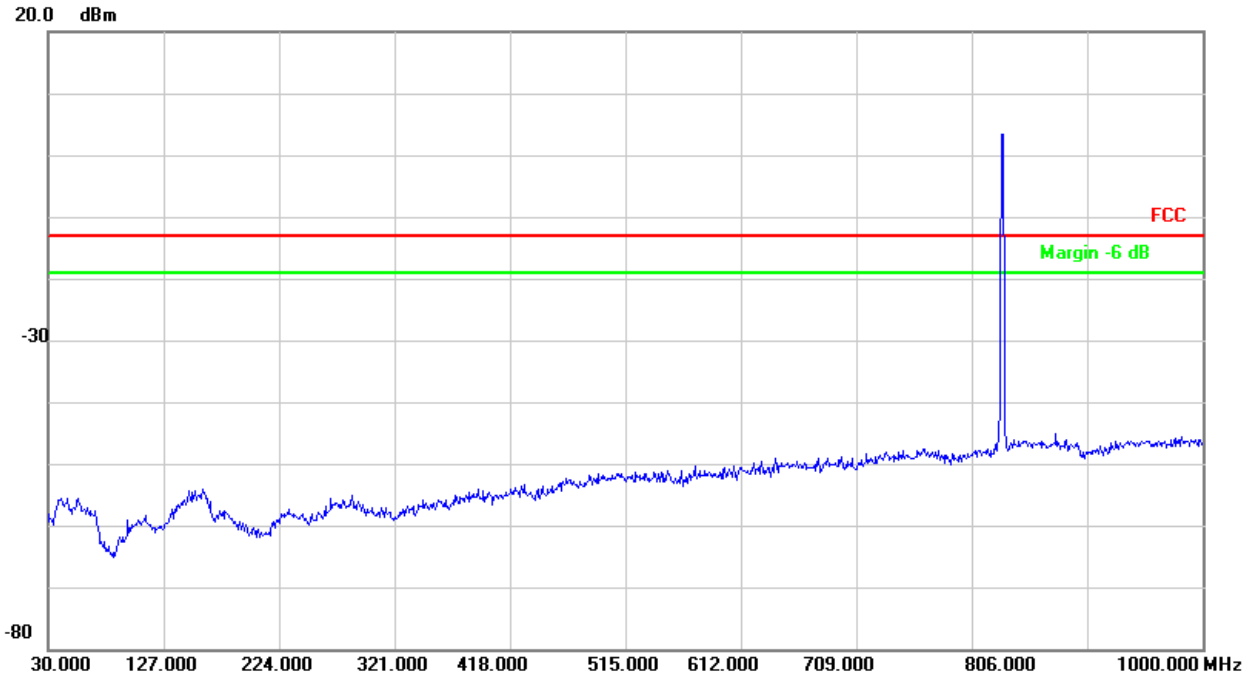
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

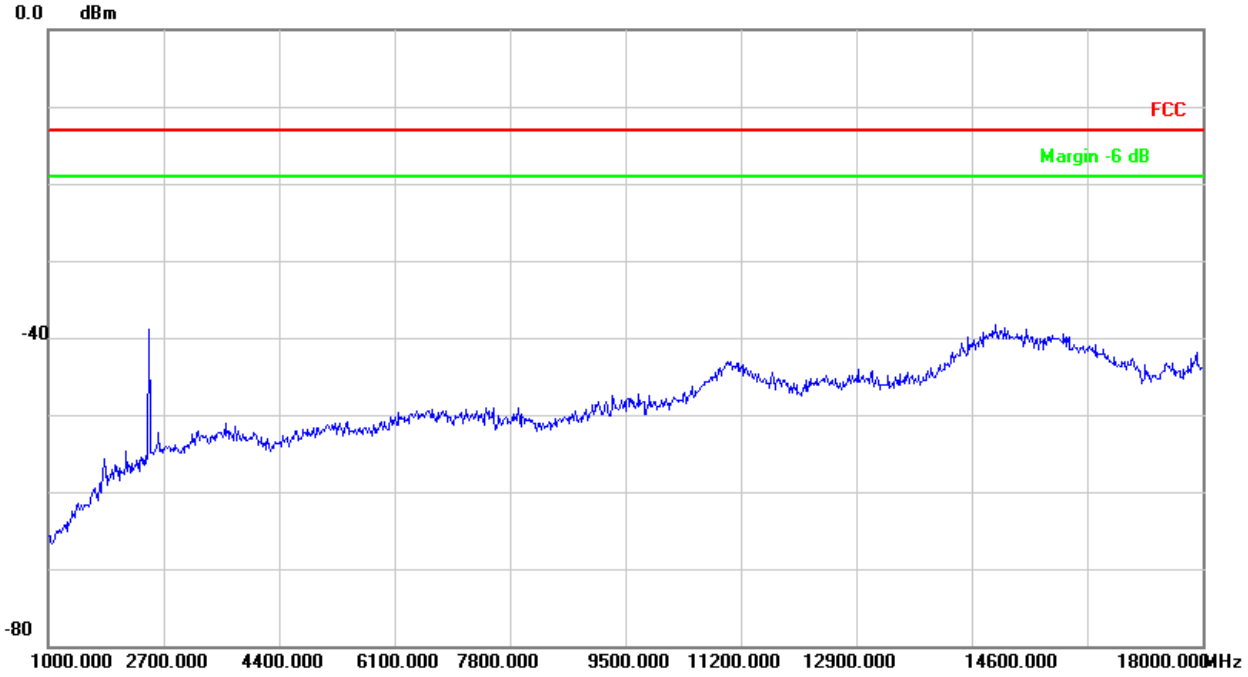
Part I - Test Plots

7.1 For LTE

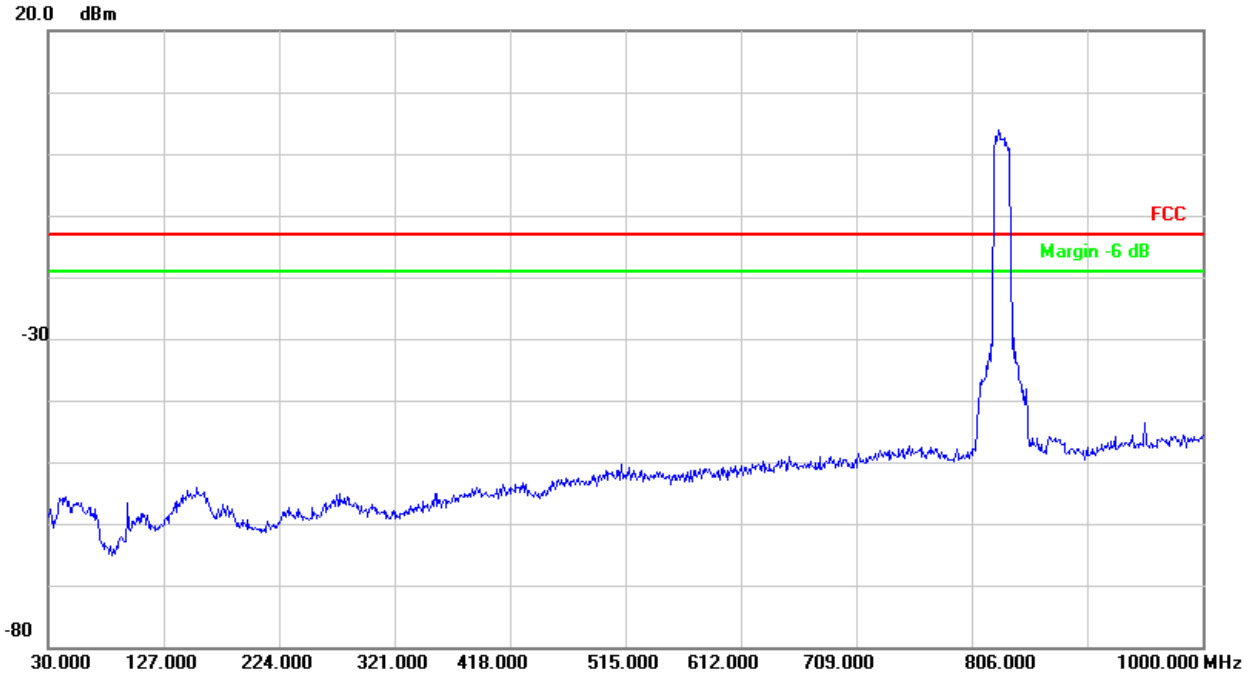
7.1.1 Test Band = BAND26

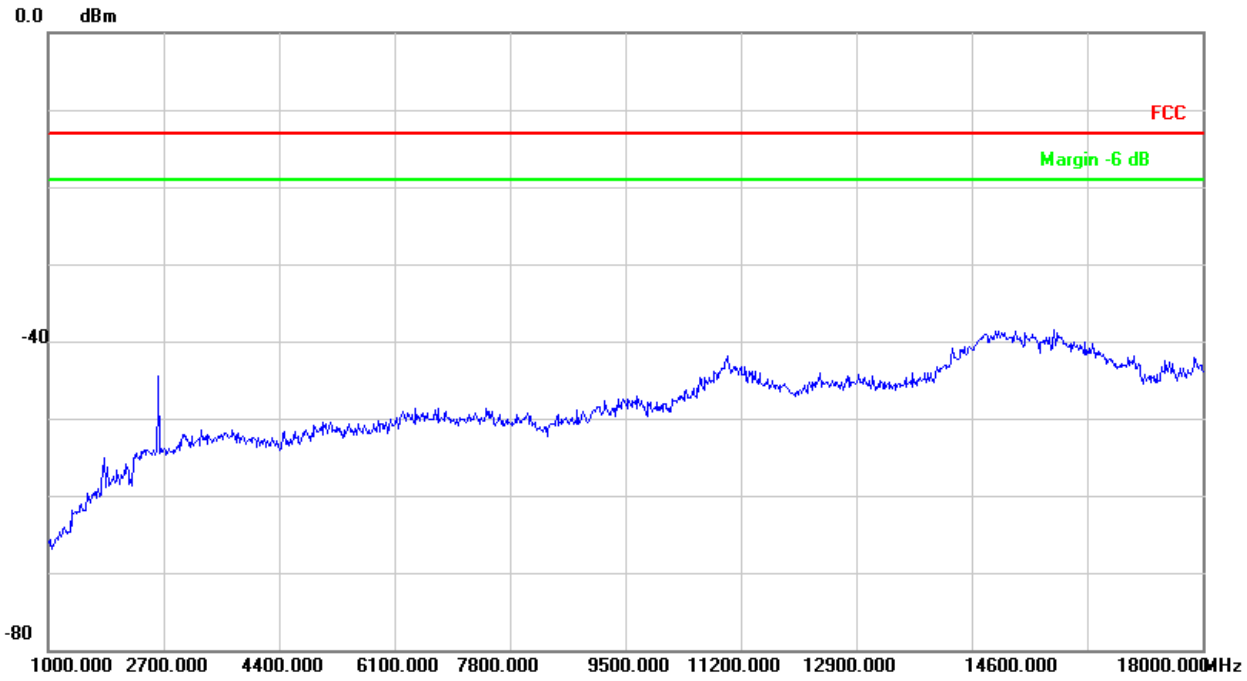
7.1.1.1 Test Bandwidth = 1.4





7.1.1.2 Test Bandwidth = 15





8Appendix_H: Frequency Stability

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	0.1	0.00012	PASS
					VN	2.8	0.0034	PASS
					VH	-5.08	-0.00616	PASS
			MCH	TN	VL	0.79	0.00094	PASS
					VN	0.53	0.00063	PASS
					VH	0.14	0.00017	PASS
			HCH	TN	VL	-47.89	-0.05645	PASS
					VN	-25.22	-0.02973	PASS
					VH	-25.56	-0.03013	PASS
		3	LCH	TN	VL	19.07	0.0231	PASS
					VN	7.14	0.00865	PASS
					VH	-16.61	-0.02012	PASS
			MCH	TN	VL	-0.27	-0.00032	PASS
					VN	-0.11	-0.00013	PASS
					VH	-1.16	-0.00139	PASS
			HCH	TN	VL	4.33	0.00511	PASS
					VN	-5.54	-0.00654	PASS
					VH	1.46	0.00172	PASS
		5	LCH	TN	VL	-2.33	-0.00282	PASS
					VN	-5.31	-0.00642	PASS
					VH	3.72	0.0045	PASS
			MCH	TN	VL	0.01	0.00001	PASS
					VN	1.34	0.0016	PASS
					VH	1.37	0.00164	PASS
			HCH	TN	VL	1.19	0.00141	PASS
					VN	0.31	0.00037	PASS
					VH	0.77	0.00091	PASS
		10	LCH	TN	VL	-12.79	-0.01543	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	16.52	0.01993	PASS
					VH	5.99	0.00723	PASS
			MCH	TN	VL	-257.66	-0.30802	PASS
					VN	157.7	0.18852	PASS
					VH	48.89	0.05845	PASS
			HCH	TN	VL	-2.17	-0.00257	PASS
					VN	0.66	0.00078	PASS
					VH	0.64	0.00076	PASS
		15	LCH	TN	VL	-2.76	-0.00332	PASS
					VN	-16.25	-0.01954	PASS
					VH	31.34	0.03769	PASS
			MCH	TN	VL	18.27	0.02184	PASS
					VN	36.86	0.04406	PASS
					VH	-45.89	-0.05486	PASS
			HCH	TN	VL	1.22	0.00145	PASS
					VN	3.53	0.00419	PASS
					VH	1.17	0.00139	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.03	-0.00125	PASS
					VN	-5.85	-0.00709	PASS
					VH	1.99	0.00241	PASS
			MCH	TN	VL	4.56	0.00545	PASS
					VN	1.22	0.00146	PASS
					VH	-5.79	-0.00692	PASS
			HCH	TN	VL	-8.58	-0.01011	PASS
					VN	-6.27	-0.00739	PASS
					VH	2.46	0.0029	PASS
		3	LCH	TN	VL	-5.11	-0.00619	PASS
					VN	-12.17	-0.01474	PASS
					VH	28.17	0.03412	PASS
			MCH	TN	VL	0.17	0.0002	PASS
					VN	0.34	0.00041	PASS
					VH	-1.33	-0.00159	PASS
			HCH	TN	VL	11.39	0.01344	PASS
					VN	-22.87	-0.02699	PASS
					VH	4.75	0.0056	PASS
		5	LCH	TN	VL	-4.23	-0.00512	PASS
					VN	5.14	0.00622	PASS
					VH	10.49	0.01269	PASS
			MCH	TN	VL	0.07	0.00008	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.52	-0.00182	PASS
					VH	-0.97	-0.00116	PASS
			HCH	TN	VL	5.09	0.00601	PASS
					VN	2.49	0.00294	PASS
					VH	4.96	0.00586	PASS
		10	LCH	TN	VL	-3.79	-0.00457	PASS
					VN	-2.45	-0.00296	PASS
					VH	-12.53	-0.01511	PASS
			MCH	TN	VL	129.72	0.15507	PASS
					VN	-149.6	-0.17884	PASS
					VH	-203.92	-0.24378	PASS
			HCH	TN	VL	171.75	0.2035	PASS
					VN	-11.12	-0.01318	PASS
					VH	38.61	0.04575	PASS
		15	LCH	TN	VL	7.64	0.00919	PASS
					VN	2.83	0.0034	PASS
					VH	3.05	0.00367	PASS
			MCH	TN	VL	32.1	0.03837	PASS
					VN	17.6	0.02104	PASS
					VH	-64.67	-0.07731	PASS
			HCH	TN	VL	74.96	0.08908	PASS
					VN	73.76	0.08765	PASS
					VH	109.88	0.13058	PASS

8.1.2Frequency Error vs. temperature :

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	VN	-30	15.25	0.01849	PASS
					-20	6.09	0.00738	PASS
					-10	-6.75	-0.00818	PASS
					0	6.14	0.00745	PASS
					10	0.21	0.00025	PASS
					20	0.06	0.00007	PASS
					30	-5.24	-0.00635	PASS
					40	-3.42	-0.00415	PASS
					50	-5.68	-0.00689	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	3.72	0.00445	PASS
					-20	-1.96	-0.00234	PASS
					-10	-3.79	-0.00453	PASS
					0	-2.22	-0.00265	PASS
					10	-1.2	-0.00143	PASS
					20	-3.29	-0.00393	PASS
					30	-5.94	-0.0071	PASS
					40	-0.76	-0.00091	PASS
					50	-3.93	-0.0047	PASS
			HCH	VN	-30	-1.29	-0.00152	PASS
					-20	-44.23	-0.05214	PASS
					-10	4.98	0.00587	PASS
					0	-3.23	-0.00381	PASS
					10	9.31	0.01097	PASS
					20	7.51	0.00885	PASS
					30	-6.44	-0.00759	PASS
					40	1.6	0.00189	PASS
					50	40.54	0.04779	PASS
		3	LCH	VN	-30	10.94	0.01325	PASS
					-20	6.75	0.00818	PASS
					-10	-3.73	-0.00452	PASS
					0	1.22	0.00148	PASS
					10	1.56	0.00189	PASS
					20	4.95	0.006	PASS
					30	-9	-0.0109	PASS
					40	1.1	0.00133	PASS
					50	-4.09	-0.00495	PASS
			MCH	VN	-30	8.74	0.01045	PASS
					-20	0.01	0.00001	PASS
					-10	-3.45	-0.00412	PASS
					0	-5.21	-0.00623	PASS
					10	-2.35	-0.00281	PASS
					20	-1.07	-0.00128	PASS
					30	-1.54	-0.00184	PASS
					40	4.12	0.00493	PASS
					50	-0.5	-0.0006	PASS
			HCH	VN	-30	0.16	0.00019	PASS
					-20	8.1	0.00956	PASS
					-10	69.19	0.08164	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	45.19	0.05332	PASS
					10	4.66	0.0055	PASS
					20	-13.55	-0.01599	PASS
					30	14.16	0.01671	PASS
					40	7.98	0.00942	PASS
					50	64.87	0.07654	PASS
		5	LCH	VN	-30	1.83	0.00221	PASS
					-20	1.75	0.00212	PASS
					-10	2.6	0.00315	PASS
					0	6.67	0.00807	PASS
					10	4.36	0.00528	PASS
					20	-2.26	-0.00273	PASS
					30	0	0	PASS
					40	3.12	0.00377	PASS
					50	5.97	0.00722	PASS
			MCH	VN	-30	-1.6	-0.00191	PASS
					-20	0.67	0.0008	PASS
					-10	-8.41	-0.01005	PASS
					0	4.56	0.00545	PASS
					10	-1.19	-0.00142	PASS
					20	-3.38	-0.00404	PASS
					30	-4.43	-0.0053	PASS
					40	-1.92	-0.0023	PASS
					50	1.4	0.00167	PASS
			HCH	VN	-30	-61.35	-0.07247	PASS
					-20	0.97	0.00115	PASS
					-10	-2.95	-0.00348	PASS
					0	-14.82	-0.01751	PASS
					10	-14.73	-0.0174	PASS
					20	10.99	0.01298	PASS
					30	8.05	0.00951	PASS
					40	10.39	0.01227	PASS
					50	-14.41	-0.01702	PASS
		10	LCH	VN	-30	-4.35	-0.00525	PASS
					-20	9.74	0.01175	PASS
					-10	19.56	0.02359	PASS
					0	37.29	0.04498	PASS
					10	-0.57	-0.00069	PASS
					20	0.43	0.00052	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-2.3	-0.00277	PASS
					40	-1.79	-0.00216	PASS
					50	-7.12	-0.00859	PASS
			MCH	VN	-30	18.32	0.0219	PASS
					-20	-26.98	-0.03225	PASS
					-10	7.22	0.00863	PASS
					0	-3.45	-0.00412	PASS
					10	-1.12	-0.00134	PASS
					20	2.3	0.00275	PASS
					30	-3.28	-0.00392	PASS
					40	-0.1	-0.00012	PASS
					50	2.1	0.00251	PASS
			HCH	VN	-30	0.4	0.00047	PASS
					-20	2.26	0.00268	PASS
					-10	0.99	0.00117	PASS
					0	-0.34	-0.0004	PASS
					10	-0.62	-0.00073	PASS
					20	-0.87	-0.00103	PASS
					30	0.06	0.00007	PASS
					40	-0.94	-0.00111	PASS
					50	-1.12	-0.00133	PASS
		15	LCH	VN	-30	0.87	0.00105	PASS
					-20	3.06	0.00368	PASS
					-10	2.03	0.00244	PASS
					0	-0.31	-0.00037	PASS
					10	4.13	0.00497	PASS
					20	-1.33	-0.0016	PASS
					30	-0.19	-0.00023	PASS
					40	-2.56	-0.00308	PASS
					50	-2	-0.00241	PASS
			MCH	VN	-30	-1.42	-0.0017	PASS
					-20	0.44	0.00053	PASS
					-10	2.9	0.00347	PASS
					0	-4.06	-0.00485	PASS
					10	6.92	0.00827	PASS
					20	-10.6	-0.01267	PASS
					30	8.58	0.01026	PASS
					40	17.98	0.02149	PASS
					50	-9.84	-0.01176	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	0	0	PASS
					-20	0.76	0.0009	PASS
					-10	0.07	0.00008	PASS
					0	0.63	0.00075	PASS
					10	-0.49	-0.00058	PASS
					20	-0.29	-0.00034	PASS
					30	0.03	0.00004	PASS
					40	-2.29	-0.00272	PASS
					50	-0.4	-0.00048	PASS
	LTE/TM2	1.4	LCH	VN	-30	-5.69	-0.0069	PASS
					-20	17.18	0.02083	PASS
					-10	1.92	0.00233	PASS
					0	18.35	0.02225	PASS
					10	-31.26	-0.0379	PASS
					20	28.62	0.0347	PASS
					30	-12.43	-0.01507	PASS
					40	5.99	0.00726	PASS
					50	-121.31	-0.1471	PASS
			MCH	VN	-30	-0.73	-0.00087	PASS
					-20	0.63	0.00075	PASS
					-10	-12.45	-0.01488	PASS
					0	-5.09	-0.00608	PASS
					10	-10.94	-0.01308	PASS
					20	-2.98	-0.00356	PASS
					30	-5.97	-0.00714	PASS
					40	4.08	0.00488	PASS
					50	1.39	0.00166	PASS
			HCH	VN	-30	-9.03	-0.01064	PASS
					-20	-1.5	-0.00177	PASS
					-10	13.2	0.01556	PASS
					0	2	0.00236	PASS
					10	-22.56	-0.02659	PASS
					20	-3.76	-0.00443	PASS
					30	-2.66	-0.00314	PASS
					40	-2.36	-0.00278	PASS
					50	-6.31	-0.00744	PASS
		3	LCH	VN	-30	0.83	0.00101	PASS
					-20	19.54	0.02367	PASS
					-10	2.68	0.00325	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	1.53	0.00185	PASS
					10	10.34	0.01253	PASS
					20	-8	-0.00969	PASS
					30	-5.97	-0.00723	PASS
					40	8.64	0.01047	PASS
					50	4.86	0.00589	PASS
			MCH	VN	-30	-1.24	-0.00148	PASS
					-20	6.21	0.00742	PASS
					-10	-9.3	-0.01112	PASS
					0	-2.22	-0.00265	PASS
					10	5.01	0.00599	PASS
					20	0.33	0.00039	PASS
					30	1.5	0.00179	PASS
					40	-1.04	-0.00124	PASS
					50	-1.33	-0.00159	PASS
			HCH	VN	-30	7.91	0.00933	PASS
					-20	-5.48	-0.00647	PASS
					-10	10.71	0.01264	PASS
					0	69.69	0.08223	PASS
					10	0.27	0.00032	PASS
					20	2.85	0.00336	PASS
					30	9.93	0.01172	PASS
					40	1.52	0.00179	PASS
					50	-13.56	-0.016	PASS
		5	LCH	VN	-30	5.38	0.00651	PASS
					-20	0.34	0.00041	PASS
					-10	3.88	0.00469	PASS
					0	-2.3	-0.00278	PASS
					10	1.87	0.00226	PASS
					20	-8.17	-0.00989	PASS
					30	-0.51	-0.00062	PASS
					40	2.09	0.00253	PASS
					50	-1.03	-0.00125	PASS
			MCH	VN	-30	0.39	0.00047	PASS
					-20	0.57	0.00068	PASS
					-10	-7.31	-0.00874	PASS
					0	-2.02	-0.00241	PASS
					10	-2	-0.00239	PASS
					20	3.91	0.00467	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-1.04	-0.00124	PASS
					40	-3.59	-0.00429	PASS
					50	4.68	0.00559	PASS
			HCH	VN	-30	-4.75	-0.00561	PASS
					-20	14.02	0.01656	PASS
					-10	4.41	0.00521	PASS
					0	8.47	0.01001	PASS
					10	-3.65	-0.00431	PASS
					20	-2.19	-0.00259	PASS
					30	-5.38	-0.00636	PASS
					40	-1.17	-0.00138	PASS
					50	13.56	0.01602	PASS
		10	LCH	VN	-30	4.41	0.00532	PASS
					-20	0.03	0.00004	PASS
					-10	-3.93	-0.00474	PASS
					0	1.53	0.00185	PASS
					10	-1.22	-0.00147	PASS
					20	16.05	0.01936	PASS
					30	0.03	0.00004	PASS
					40	-2.4	-0.0029	PASS
					50	-8.94	-0.01078	PASS
			MCH	VN	-30	4.23	0.00506	PASS
					-20	-3.23	-0.00386	PASS
					-10	-3.66	-0.00438	PASS
					0	5.85	0.00699	PASS
					10	-2.39	-0.00286	PASS
					20	-5.29	-0.00632	PASS
					30	3.25	0.00389	PASS
					40	-5.26	-0.00629	PASS
					50	-5.95	-0.00711	PASS
			HCH	VN	-30	-3.95	-0.00468	PASS
					-20	1.92	0.00227	PASS
					-10	-3.53	-0.00418	PASS
					0	-2.39	-0.00283	PASS
					10	2.23	0.00264	PASS
					20	-3.69	-0.00437	PASS
					30	-0.17	-0.0002	PASS
					40	-1.8	-0.00213	PASS
					50	3.86	0.00457	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	1.26	0.00152	PASS
					-20	0.29	0.00035	PASS
					-10	5.29	0.00636	PASS
					0	0.83	0.001	PASS
					10	18.63	0.02241	PASS
					20	-1.09	-0.00131	PASS
					30	0.4	0.00048	PASS
					40	5.12	0.00616	PASS
					50	-1.24	-0.00149	PASS
			MCH	VN	-30	5.51	0.00659	PASS
					-20	-3.29	-0.00393	PASS
					-10	0.96	0.00115	PASS
					0	-0.9	-0.00108	PASS
					10	-5.92	-0.00708	PASS
					20	-5.32	-0.00636	PASS
					30	4.38	0.00524	PASS
					40	6.15	0.00735	PASS
					50	-5.54	-0.00662	PASS
			HCH	VN	-30	-0.76	-0.0009	PASS
					-20	0.47	0.00056	PASS
					-10	-0.67	-0.0008	PASS
					0	-0.37	-0.00044	PASS
					10	0.1	0.00012	PASS
					20	-0.86	-0.00102	PASS
					30	-0.53	-0.00063	PASS
					40	0.49	0.00058	PASS
					50	0.46	0.00055	PASS

END