



Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Trig: Free Run
#Atten: 36 dB

Avg Type: Pwr(RMS)
Avg|Hold: 8/100

03:23:30 PM Jan 16, 2016

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

Mkr1 824.000 MHz
-38.927 dBm

-13.00 dBm

Center 824.000 MHz
#Res BW 51 kHz

#VBW 150 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

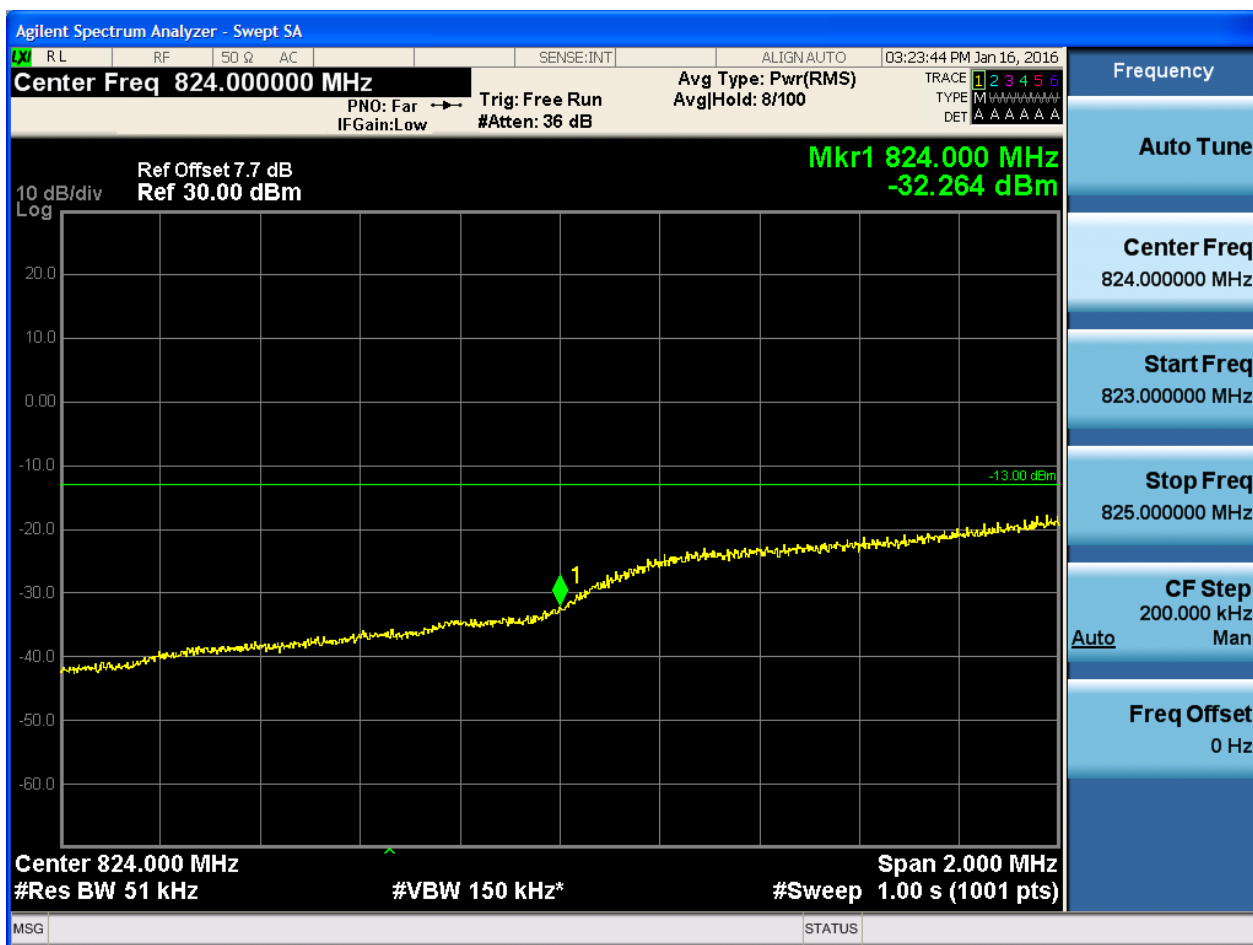
Freq Offset
0 Hz

MSG

STATUS

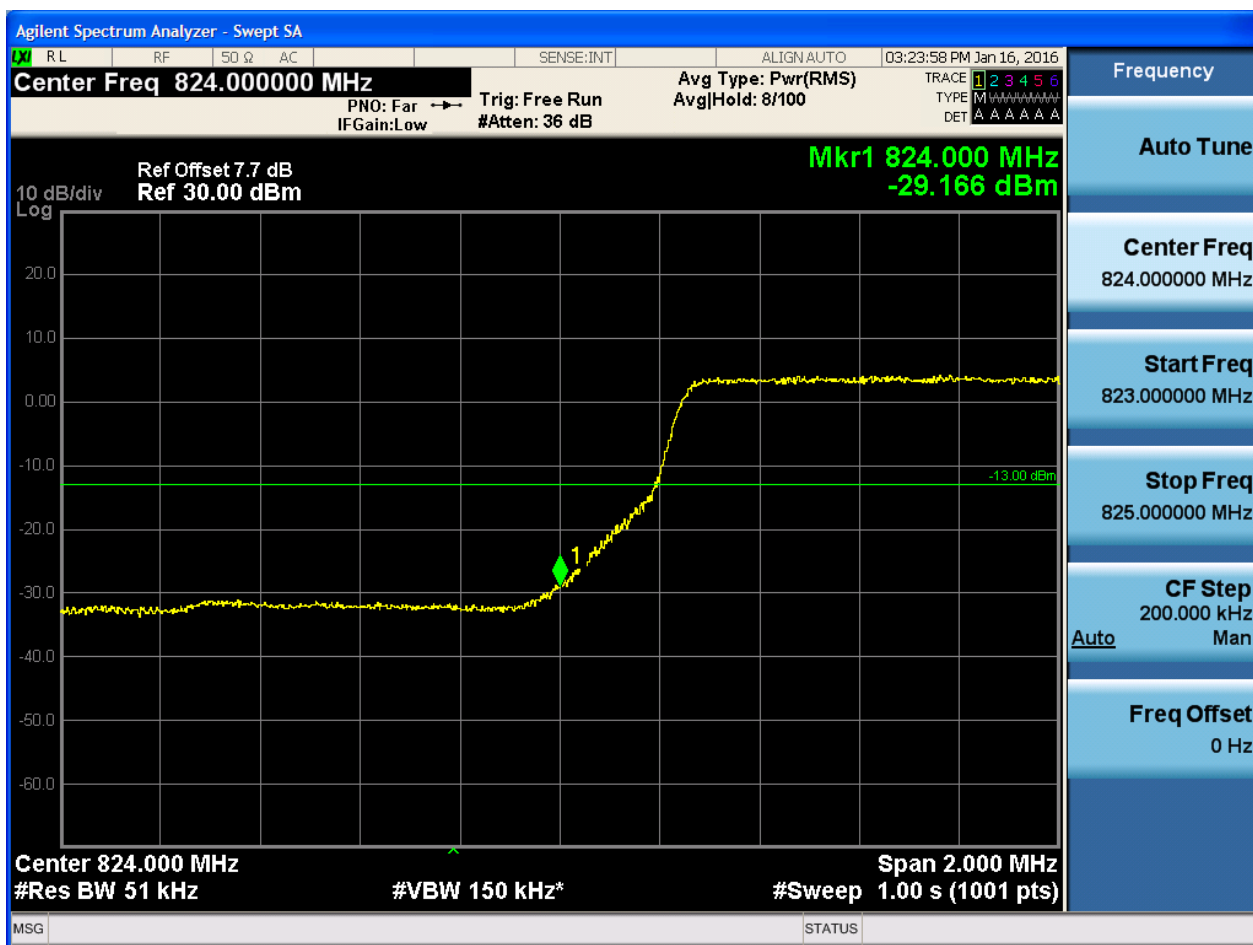


5.1.1.2.3.1.3 Test RB = RB12#6



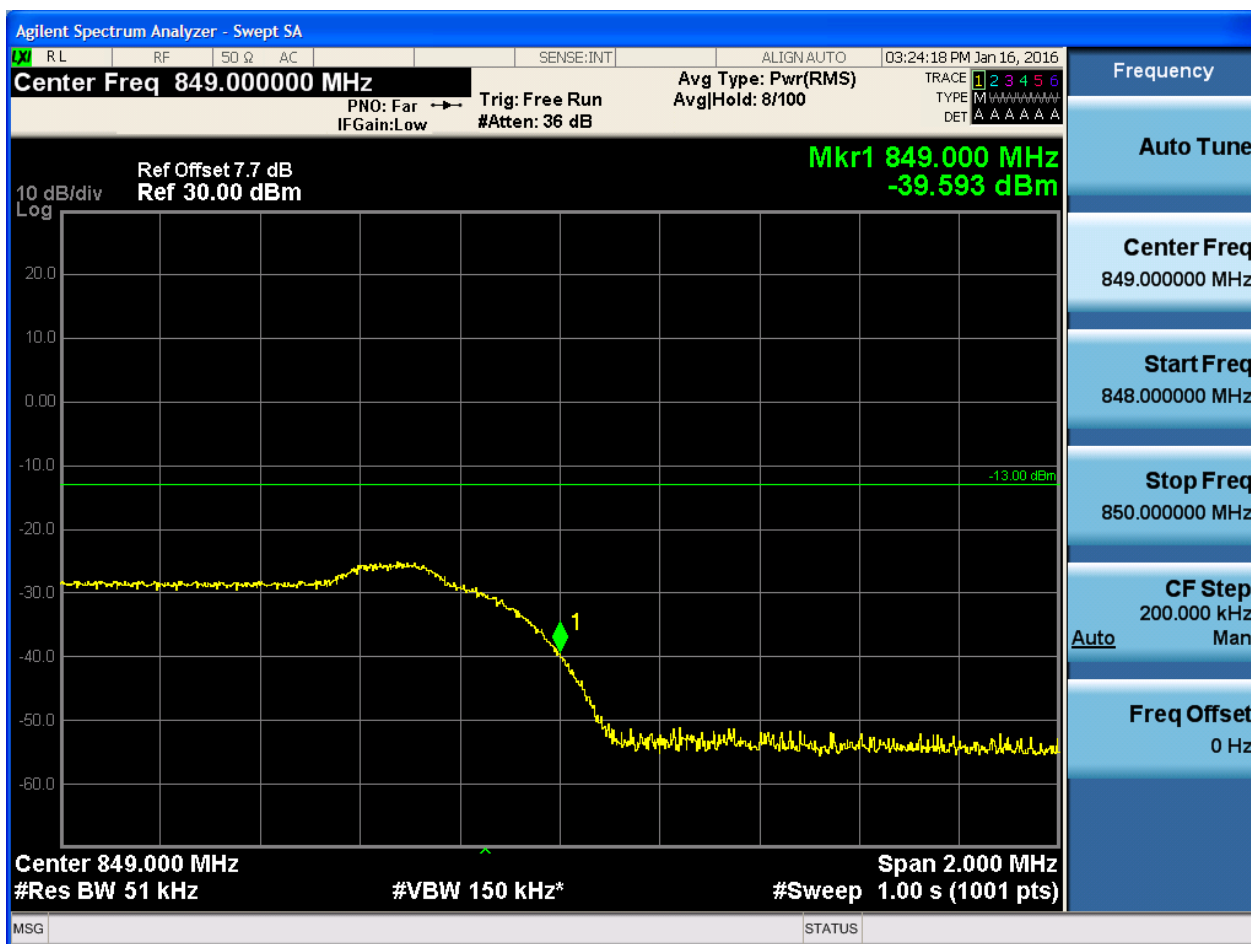


5.1.1.2.3.1.4 Test RB = RB25#0



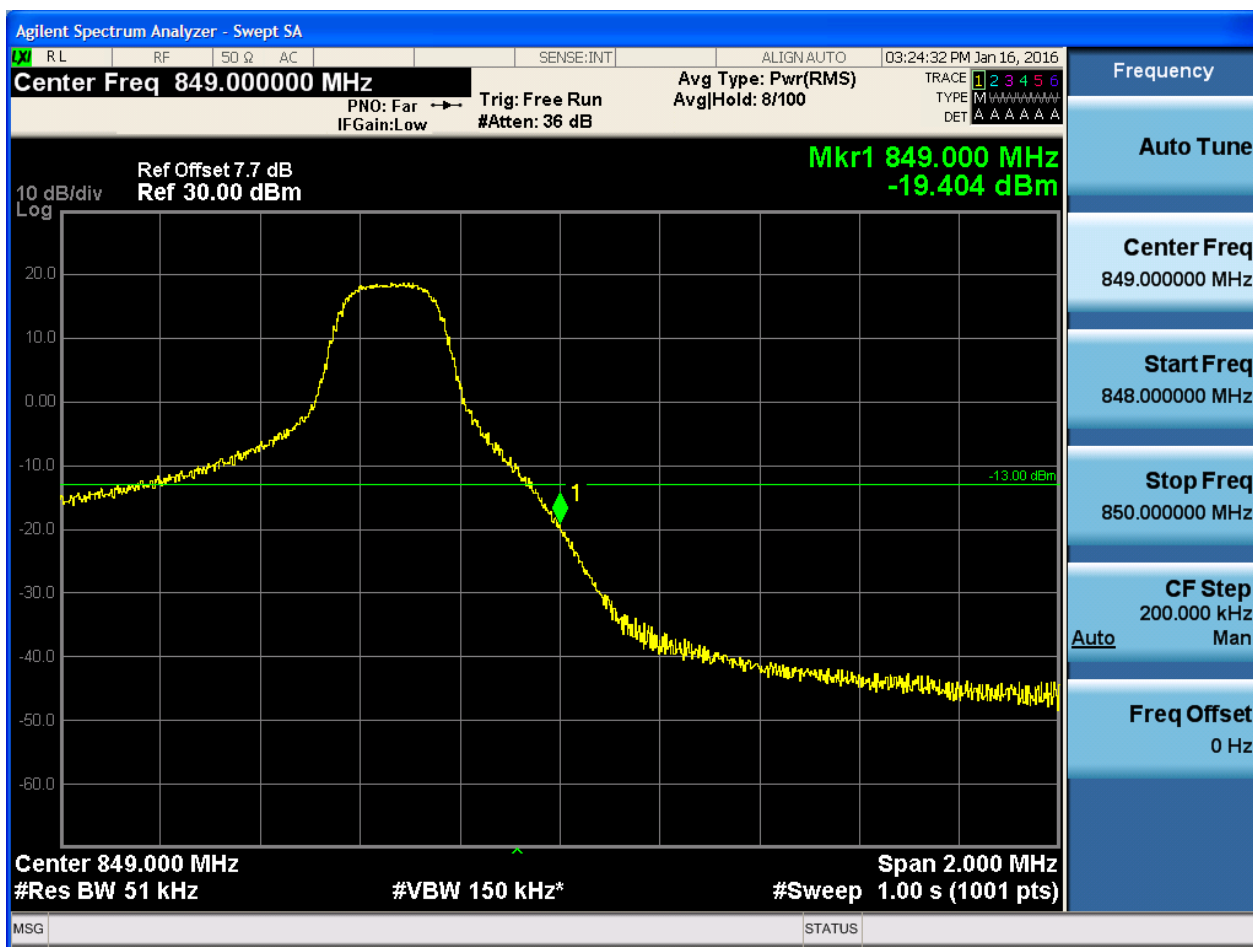
5.1.1.2.3.2 Test Channel = HCH

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





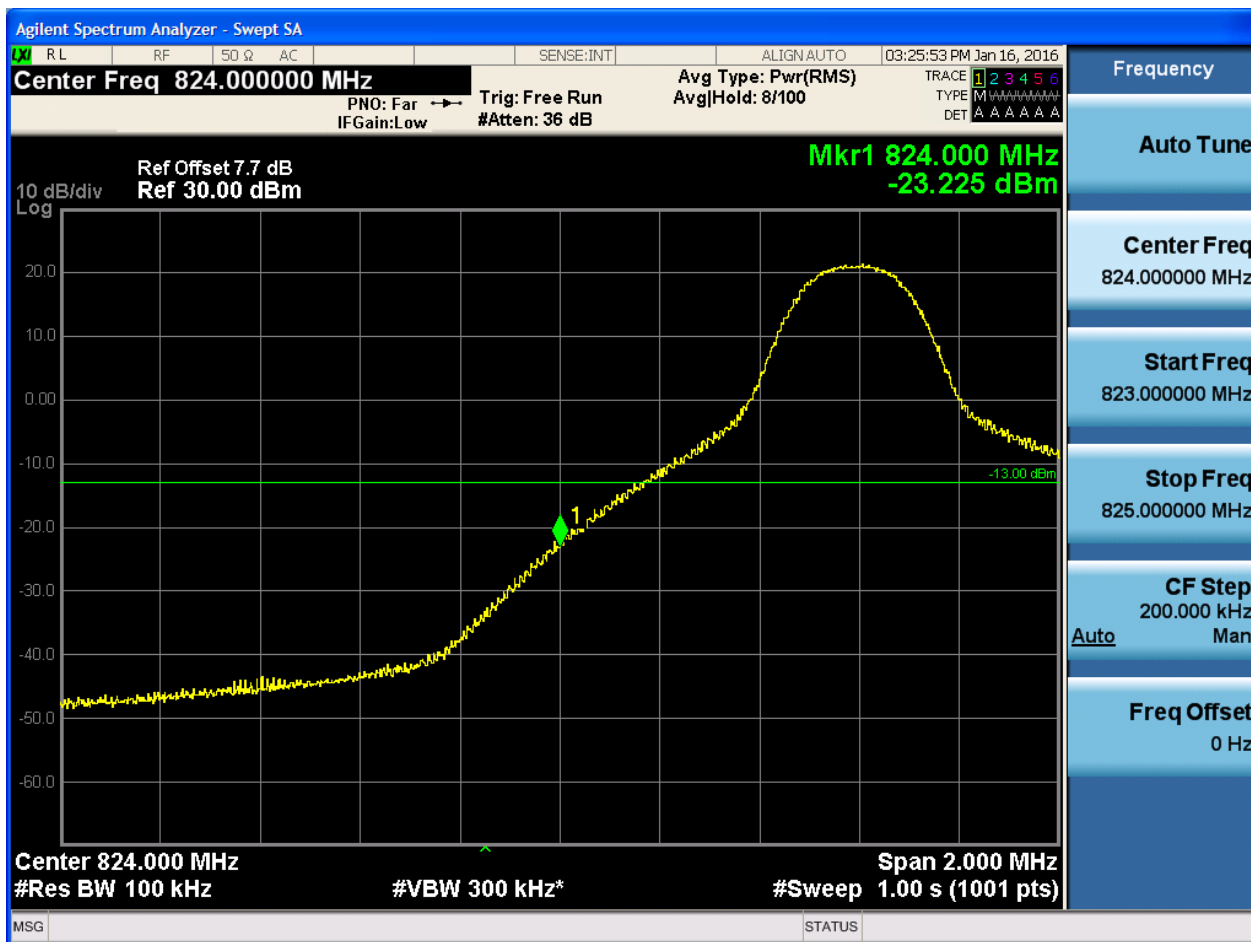
5.1.1.2.3.2.4 Test RB = RB25#0



5.1.1.2.4 Test Bandwidth = 10

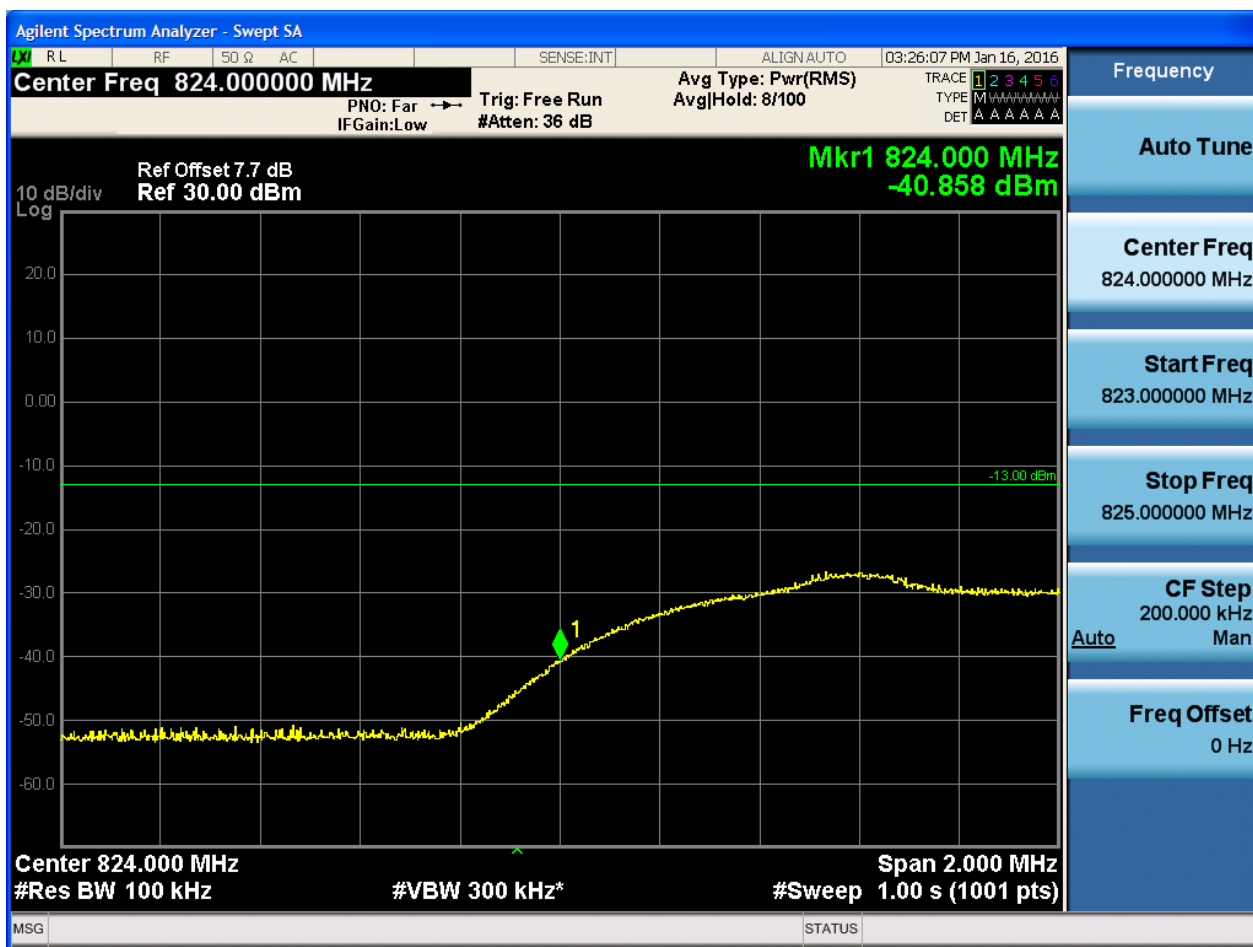
5.1.1.2.4.1 Test Channel = LCH

5.1.1.2.4.1.1 Test RB = RB1#0





5.1.1.2.4.1.2 Test RB = RB1#49





Agilent Spectrum Analyzer - Swept SA

Center Freq 824.000000 MHz

Ref Offset 7.7 dB
Ref 30.00 dBm

10 dB/div
Log

Mkr1 823.990 MHz
-36.947 dBm

Center 824.000 MHz
#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz
#Sweep 1.00 s (1001 pts)

Frequency

Auto Tune

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz
Man

Auto

Freq Offset
0 Hz



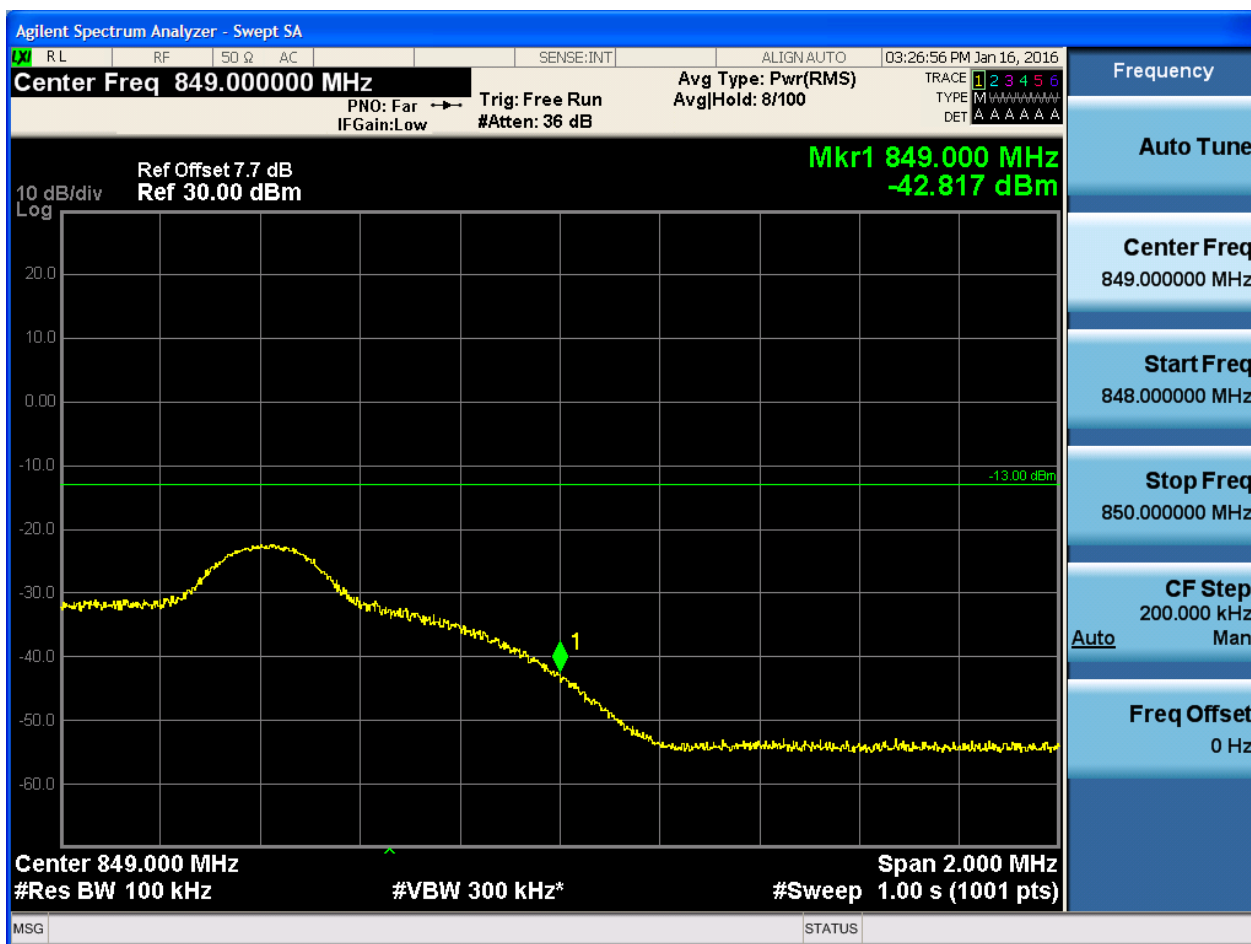
5.1.1.2.4.1.4 Test RB = RB50#0



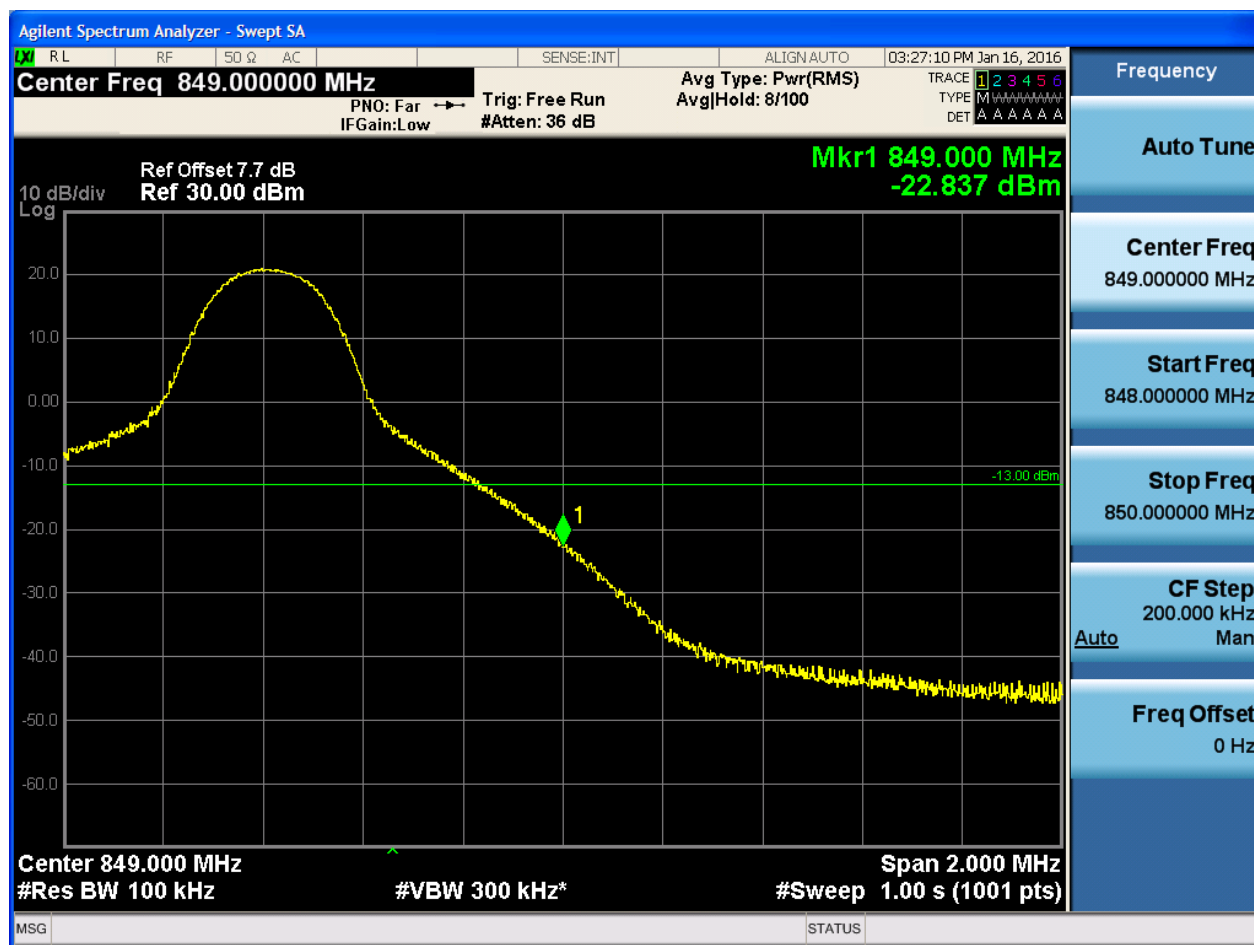


5.1.1.2.4.2 Test Channel = HCH

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



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

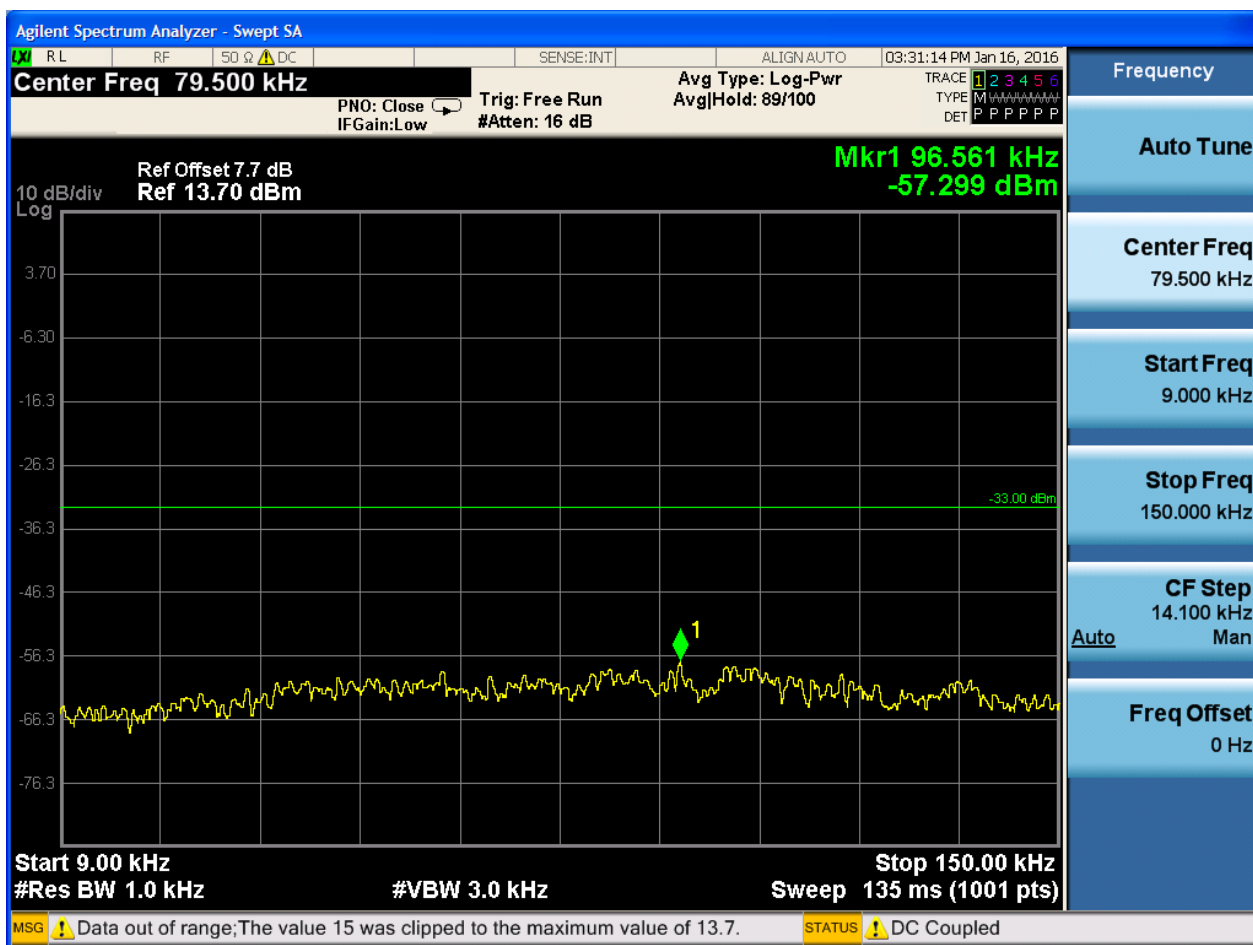
6.1.1 Test Band = BAND5

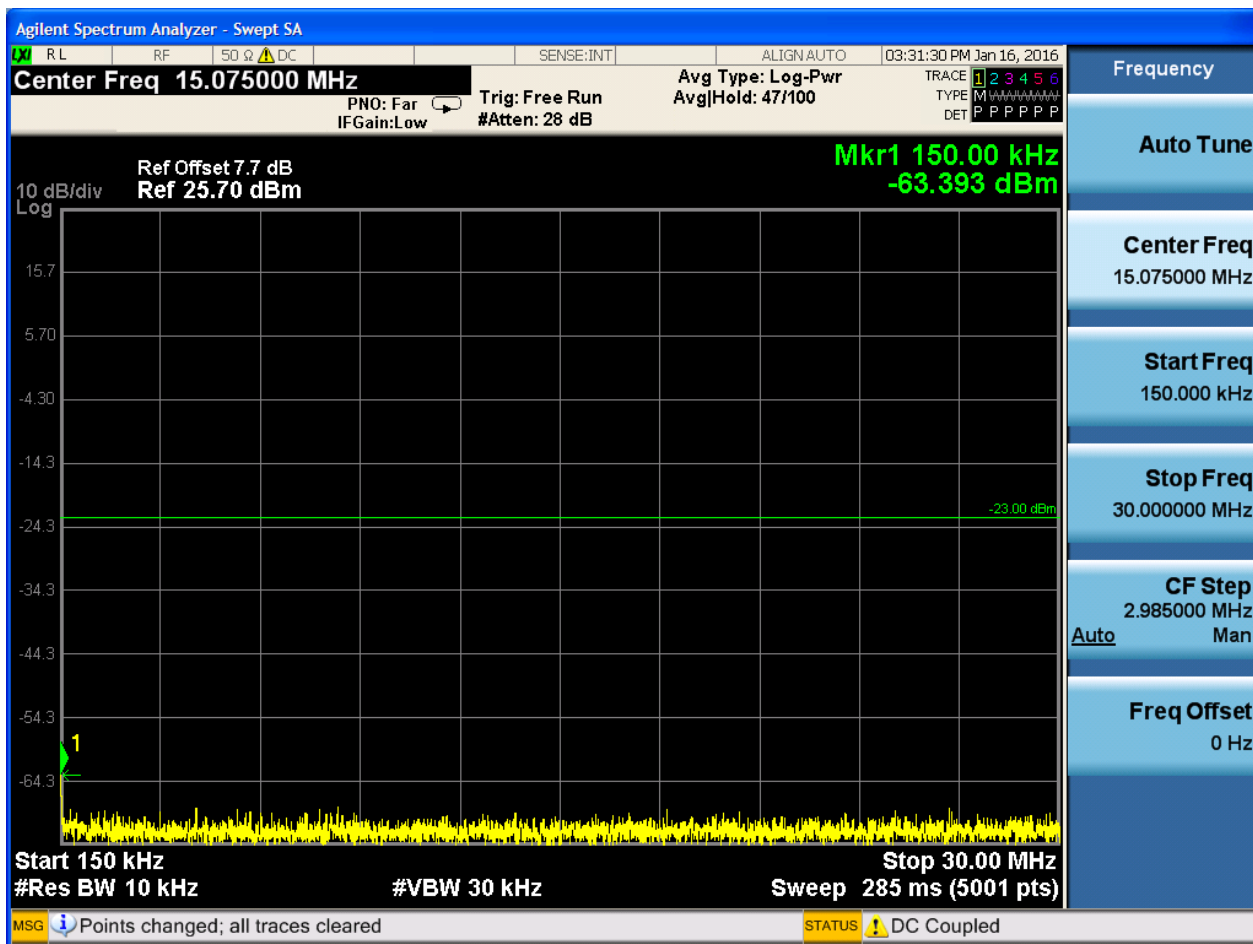
6.1.1.1 Test Mode = LTE/TM1

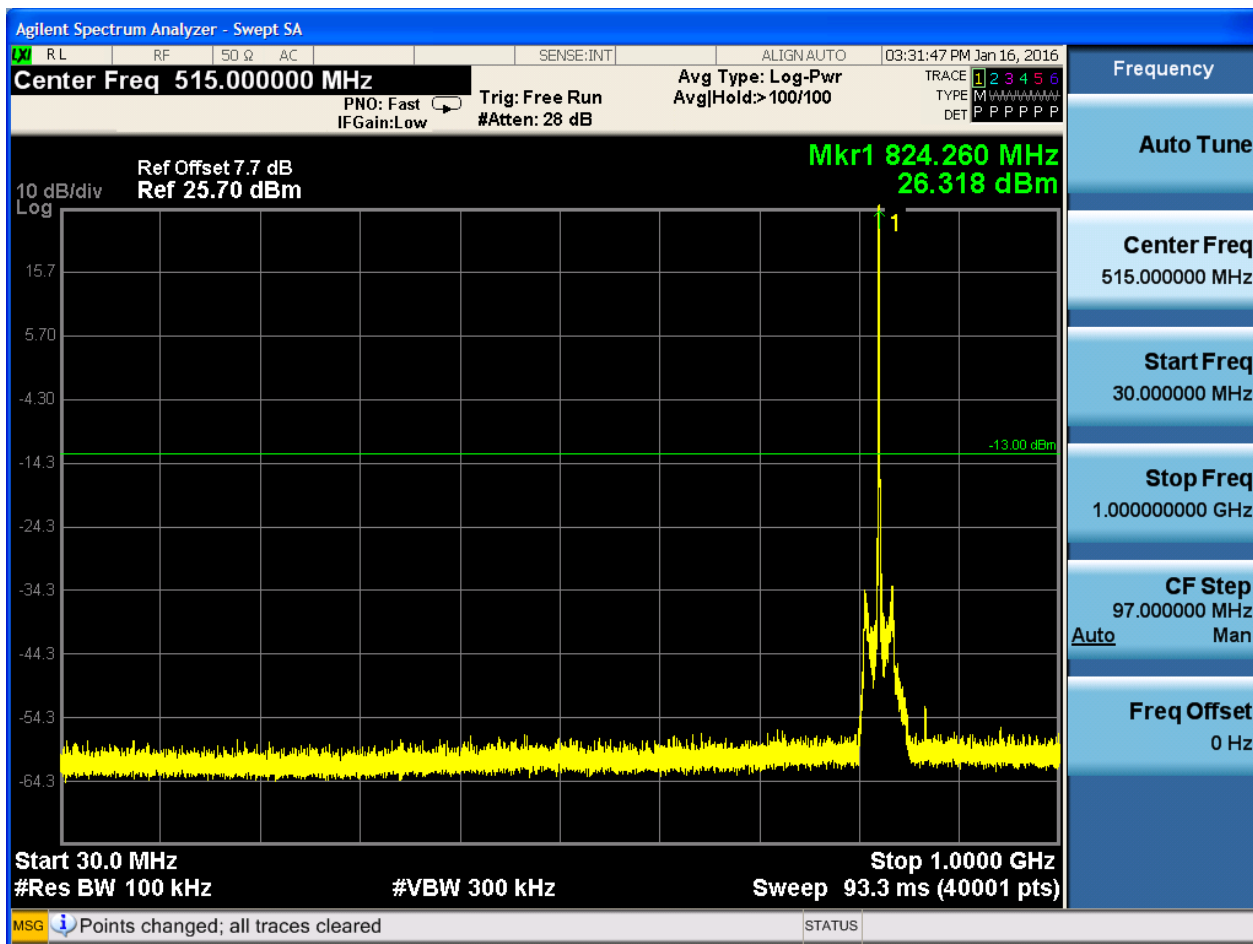
6.1.1.1.1 Test Bandwidth = 1.4

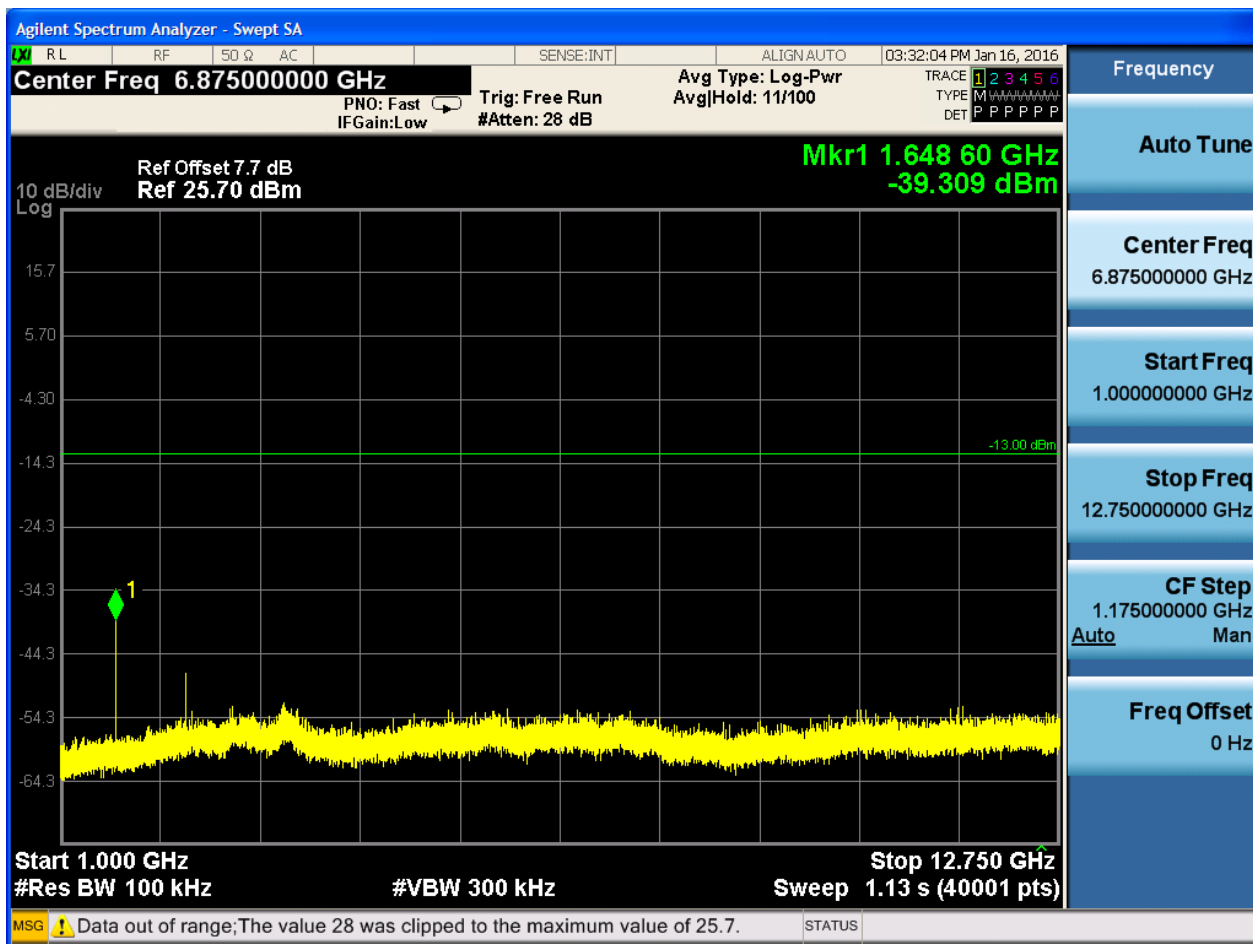
6.1.1.1.1.1 Test Channel = LCH

6.1.1.1.1.1.1 Test RB = RB1#0





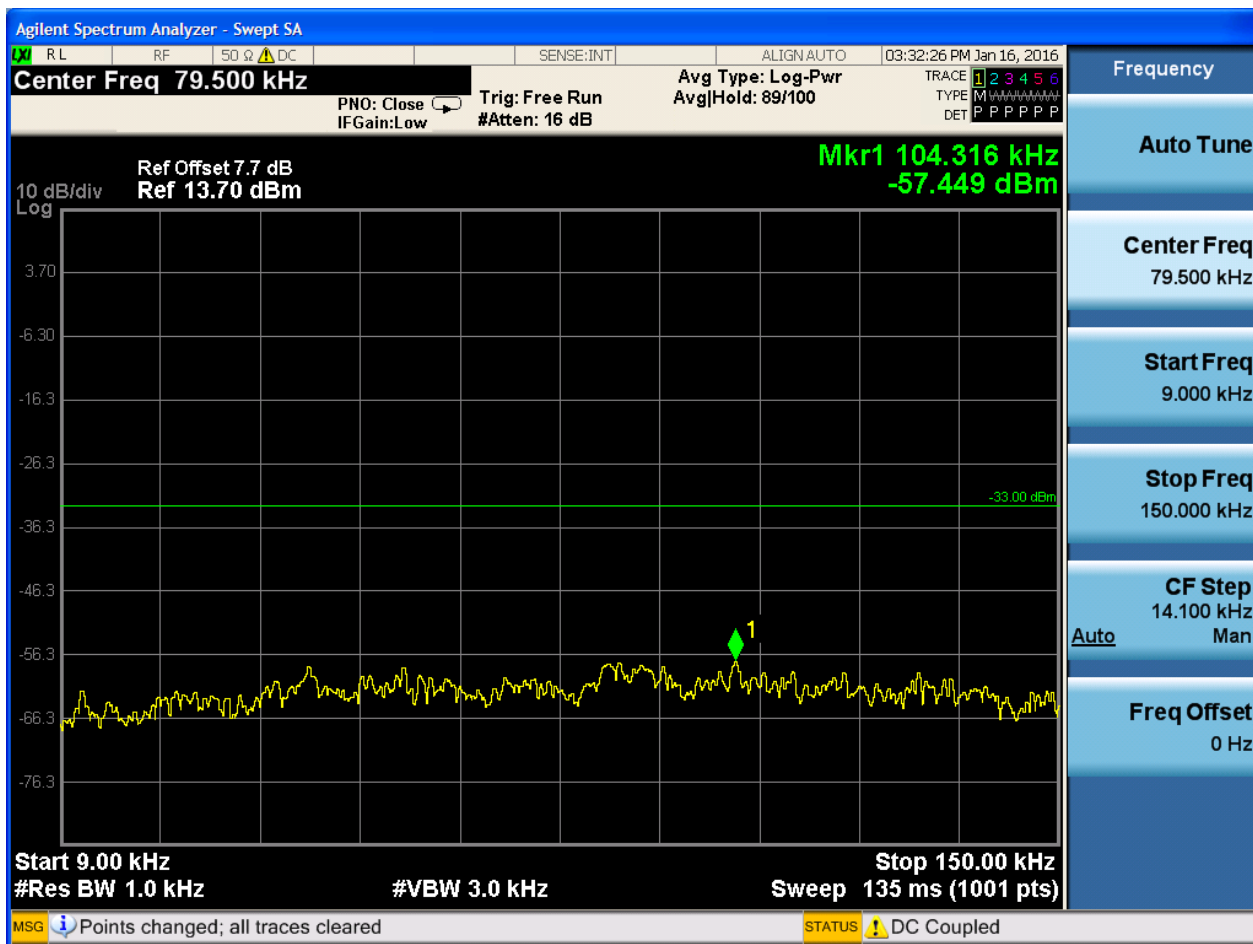


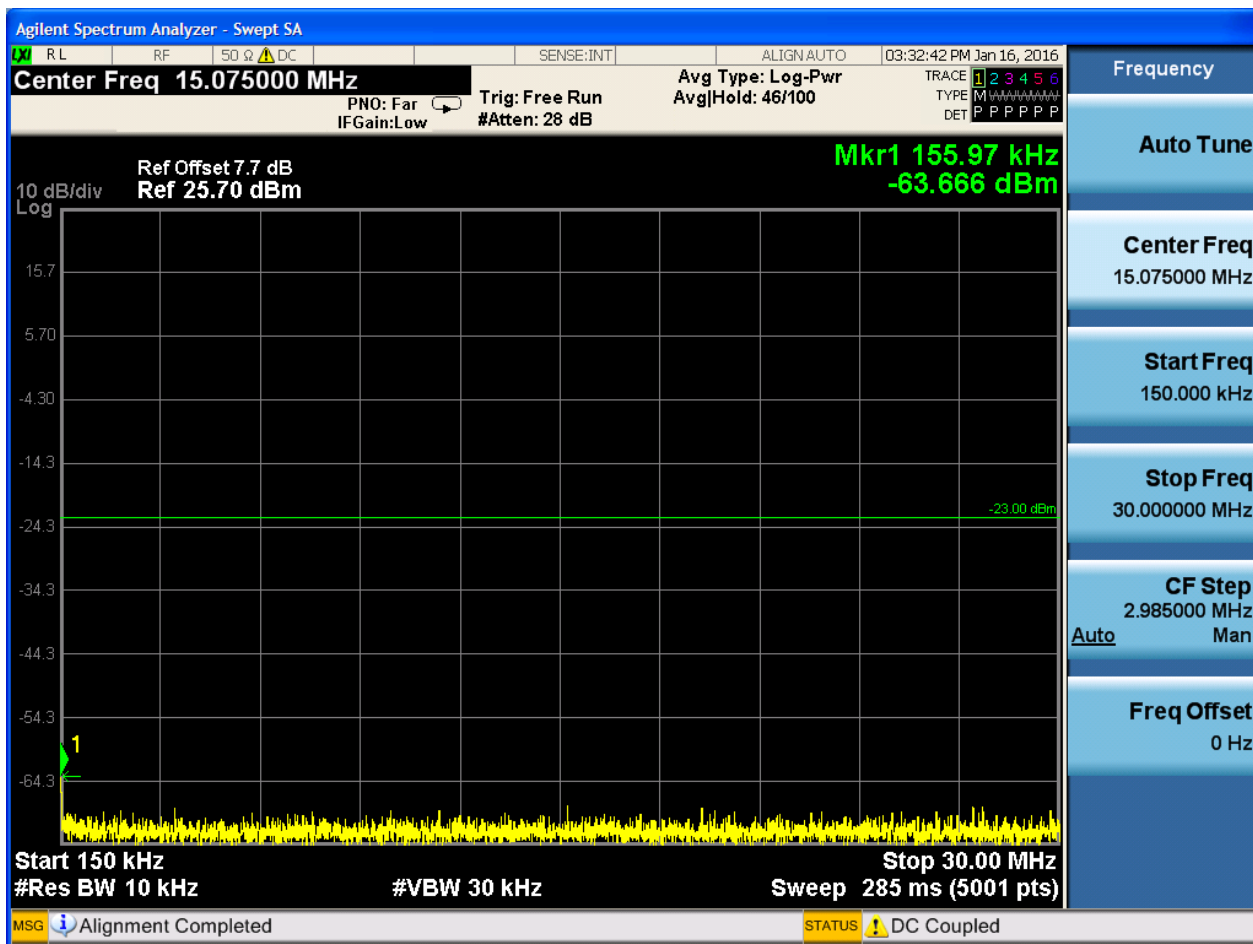


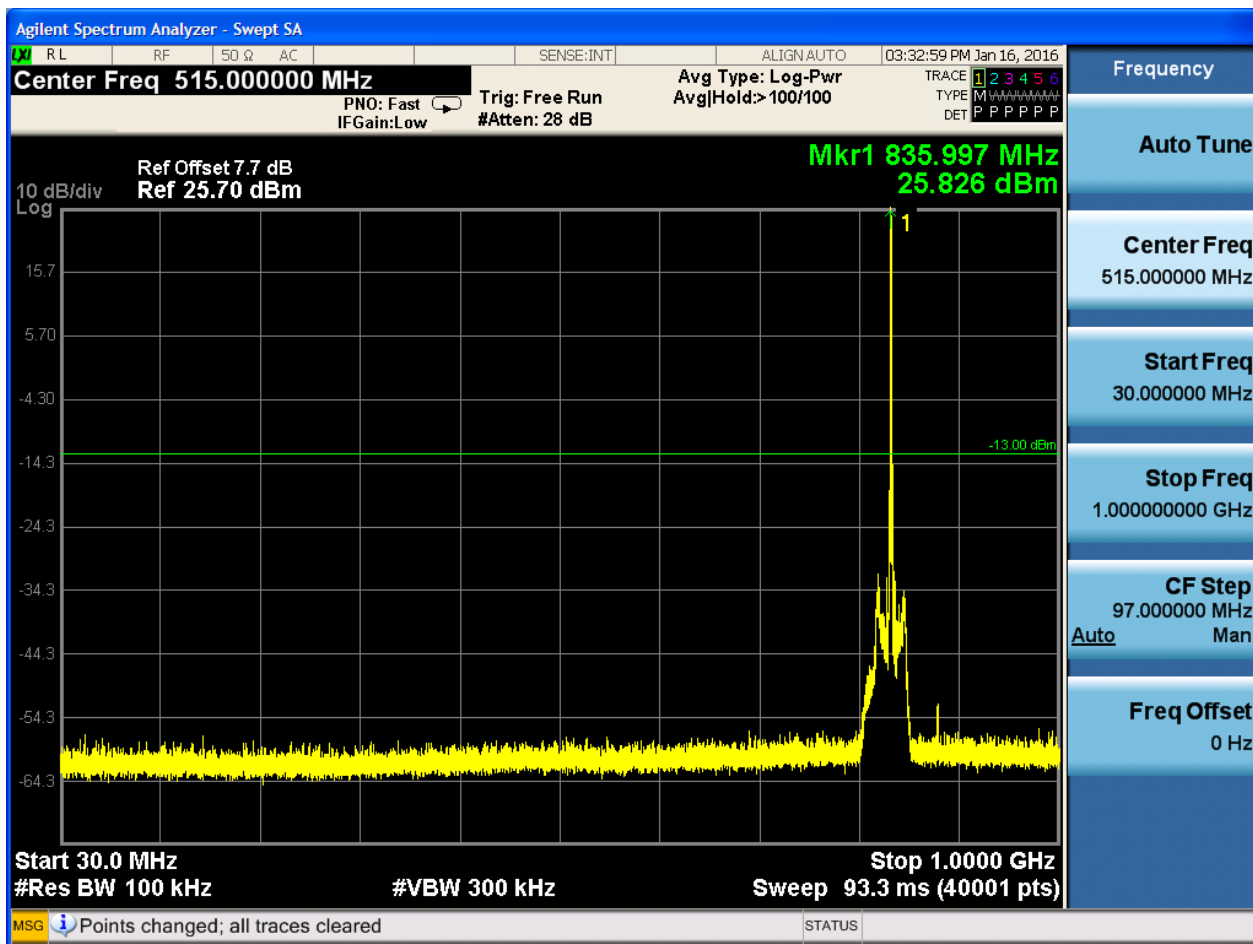


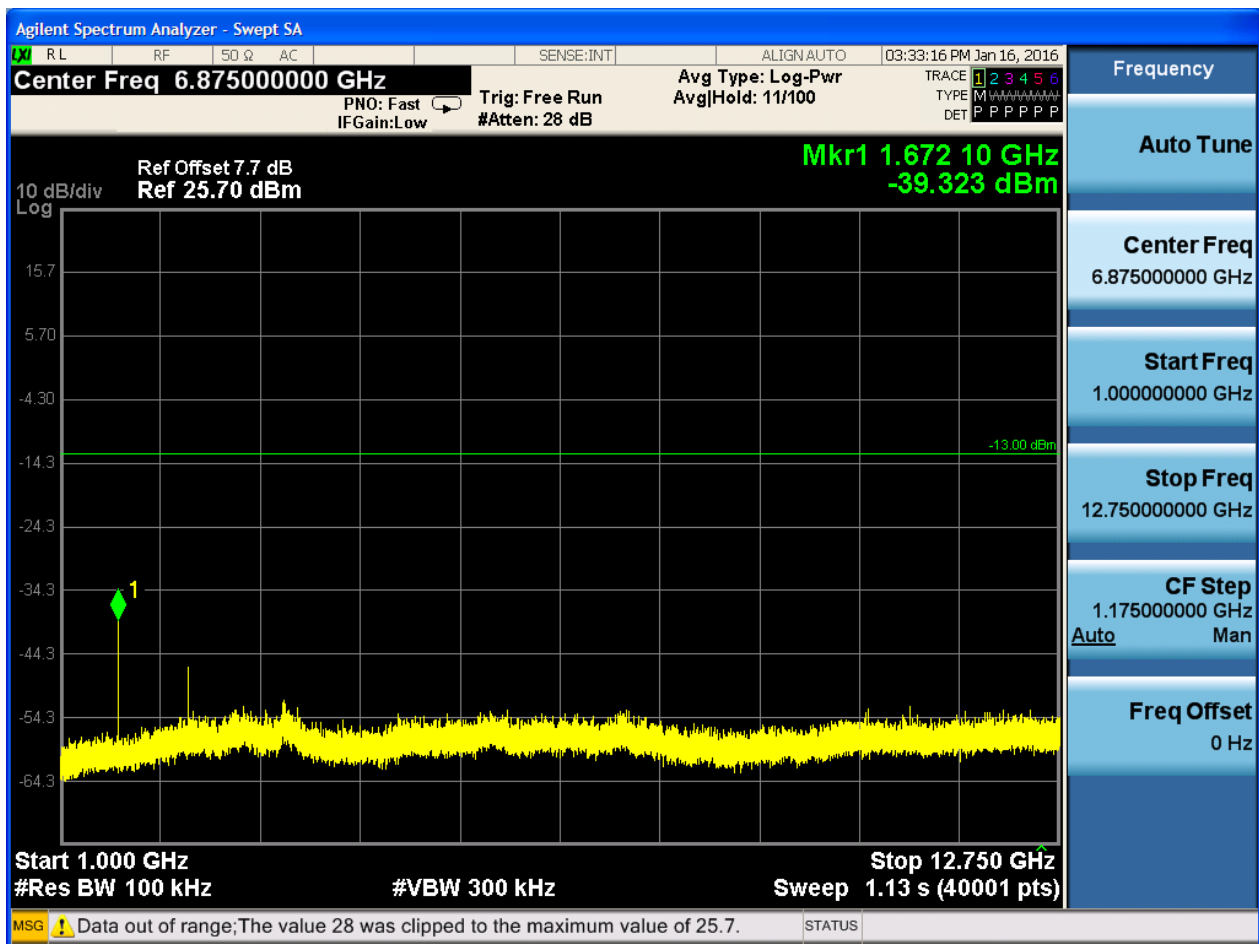
6.1.1.1.1.2 Test Channel = MCH

6.1.1.1.1.2.1 Test RB = RB1#0



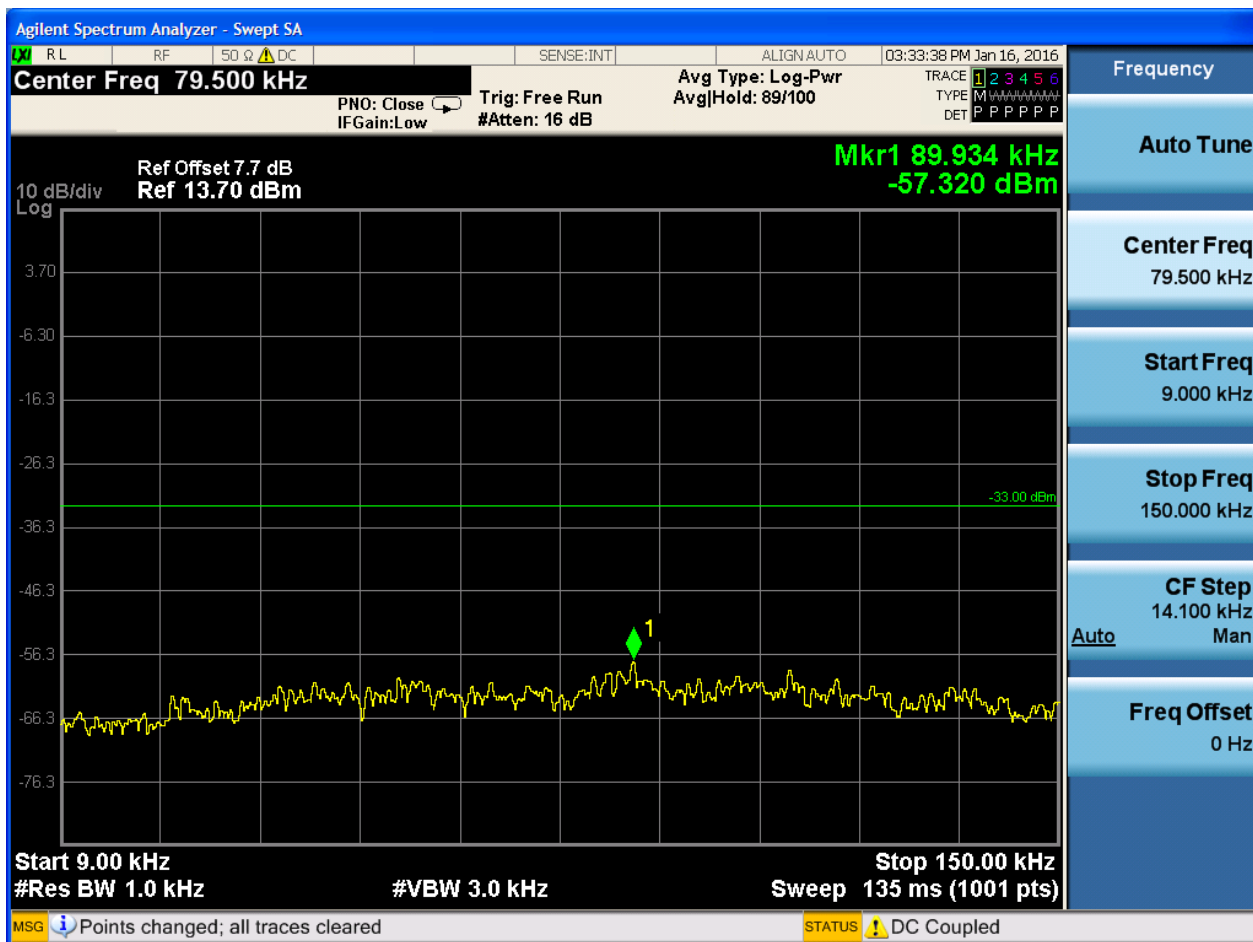




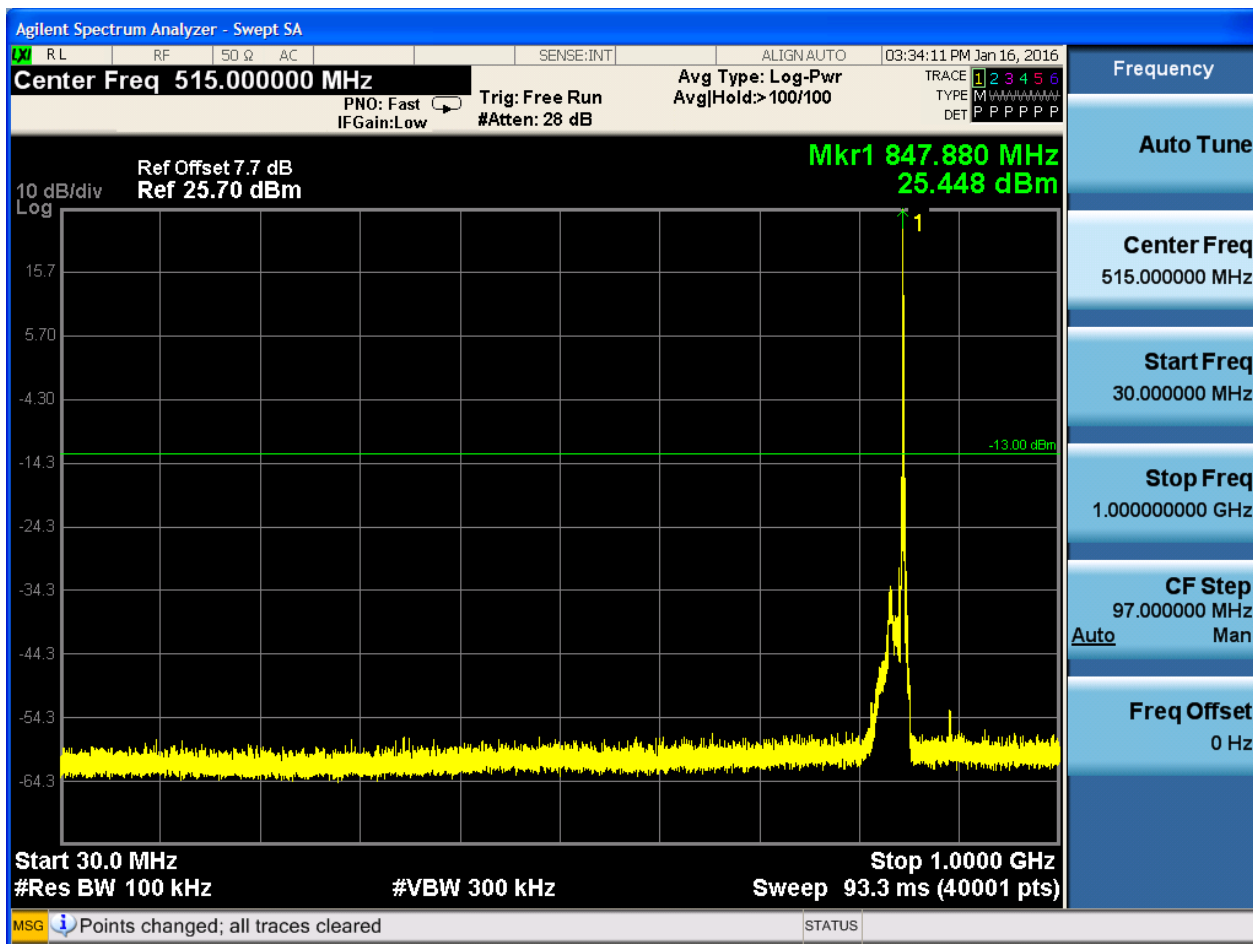


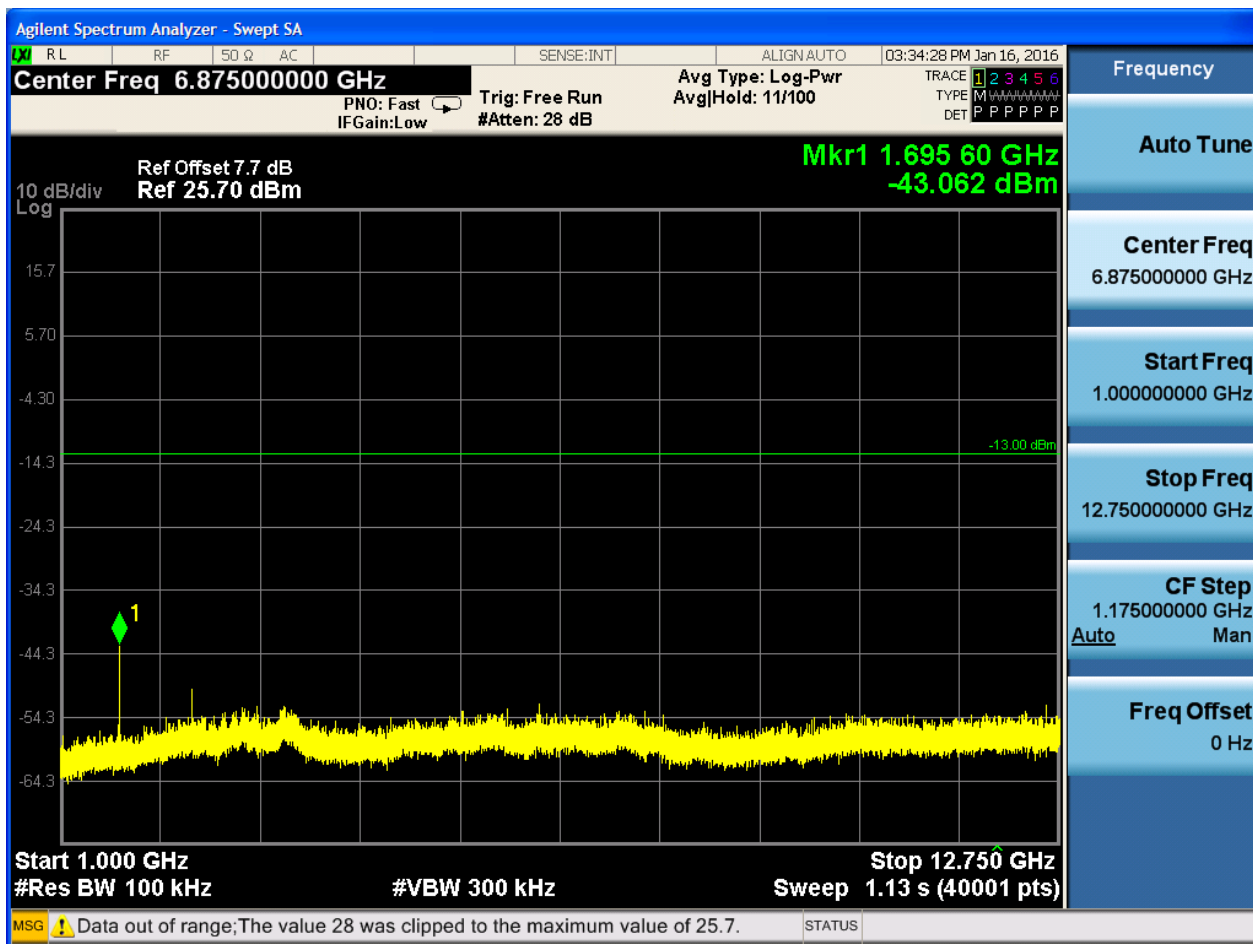
6.1.1.1.1.3 Test Channel = HCH

6.1.1.1.1.3.1 Test RB = RB1#0





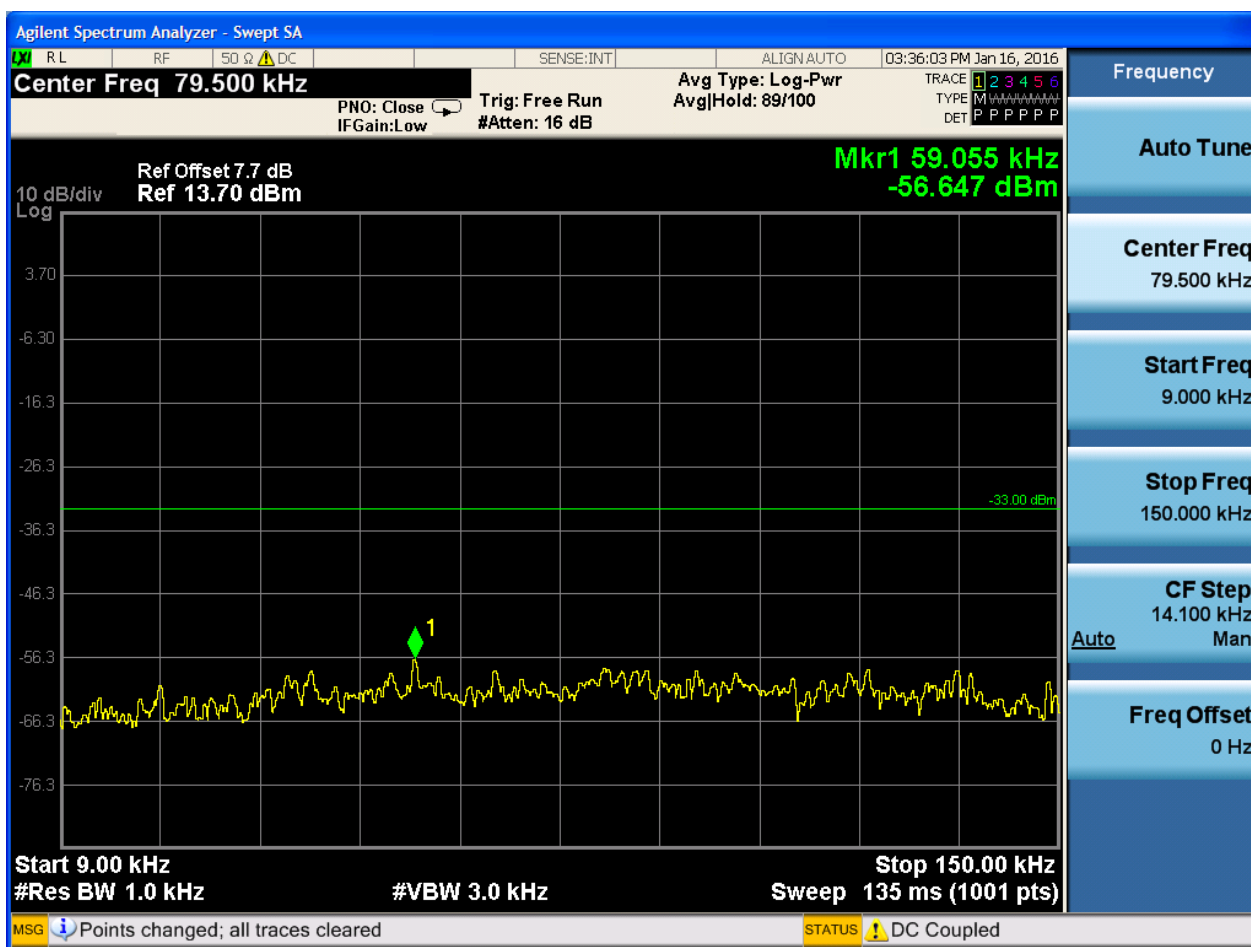


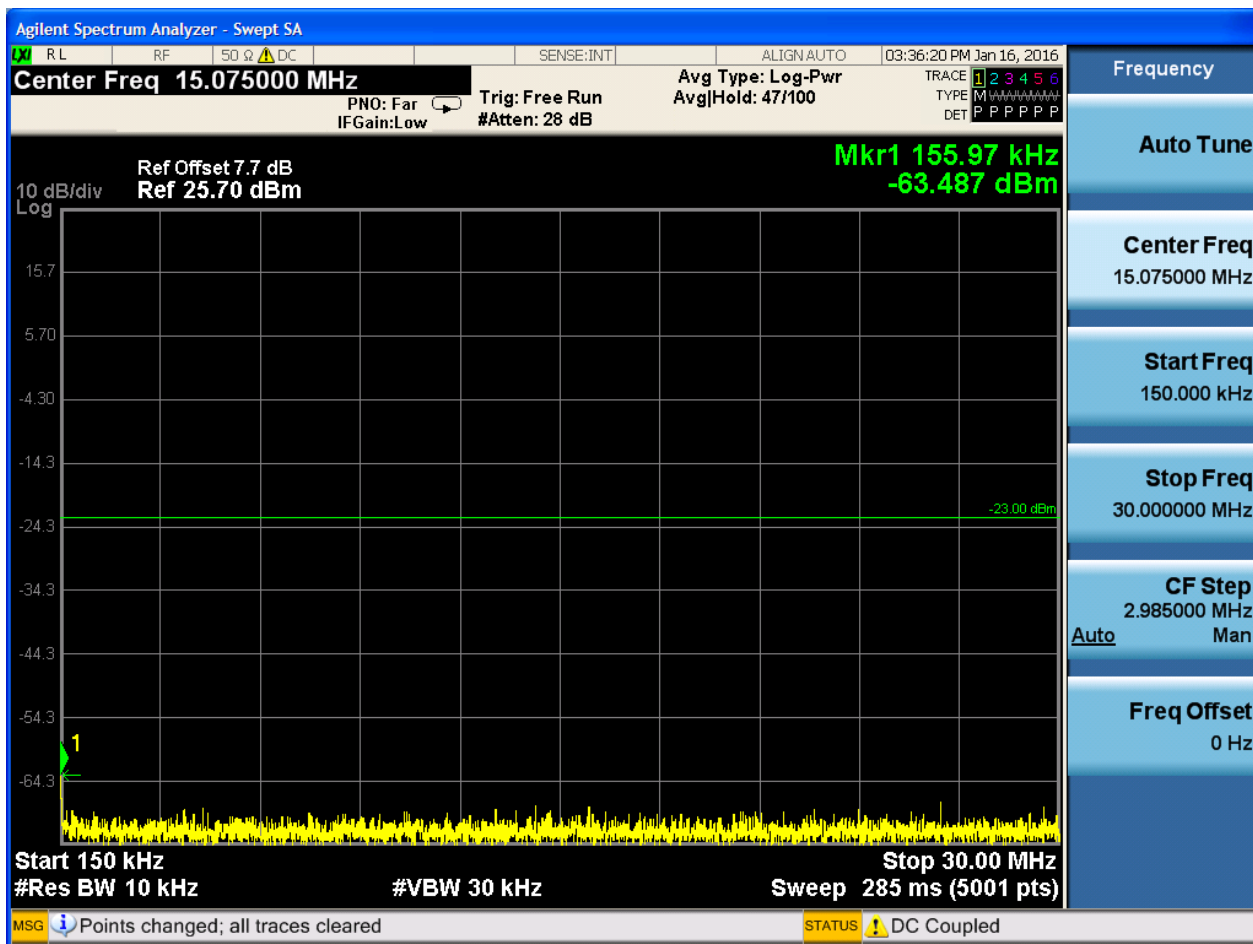


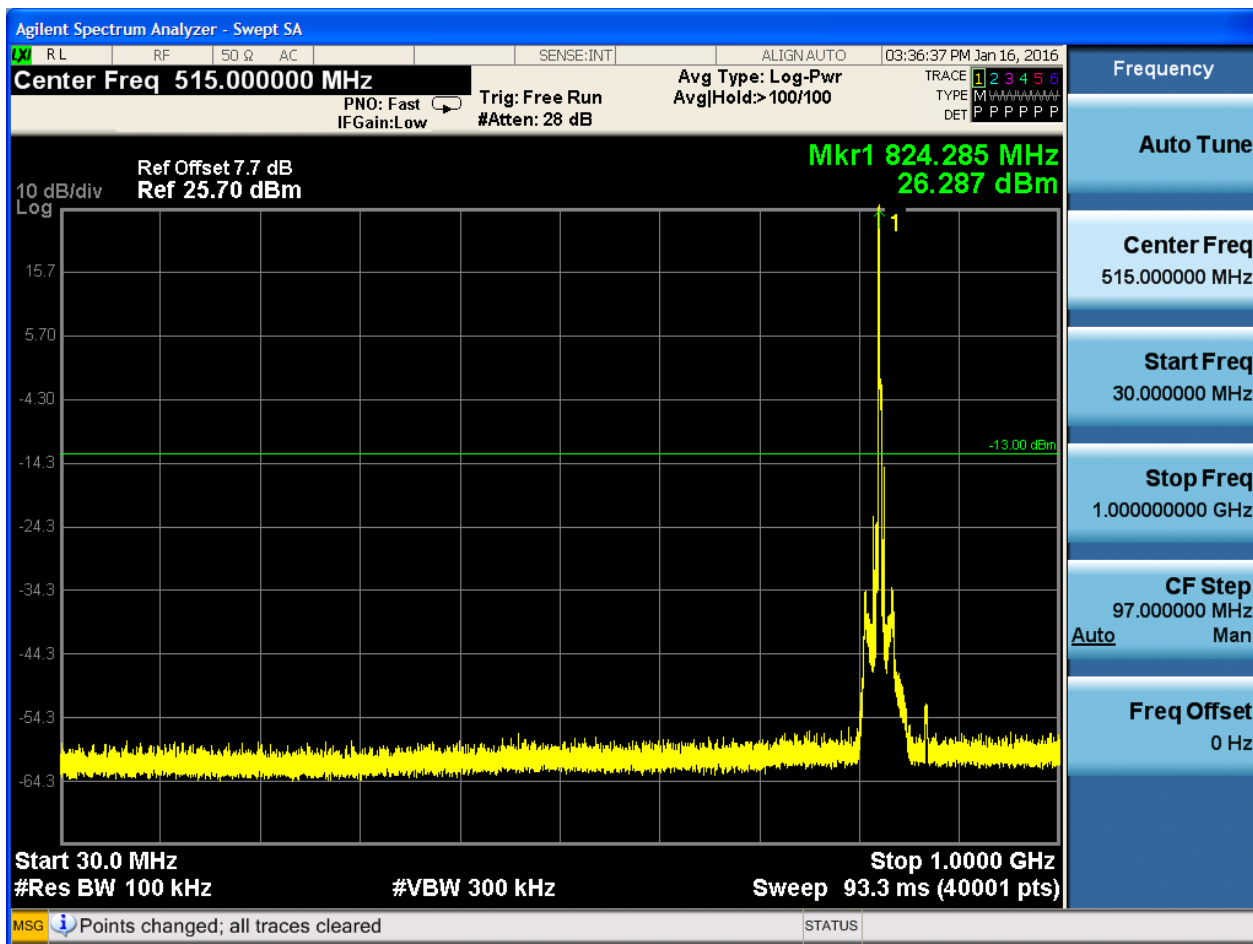
6.1.1.1.2 Test Bandwidth = 3

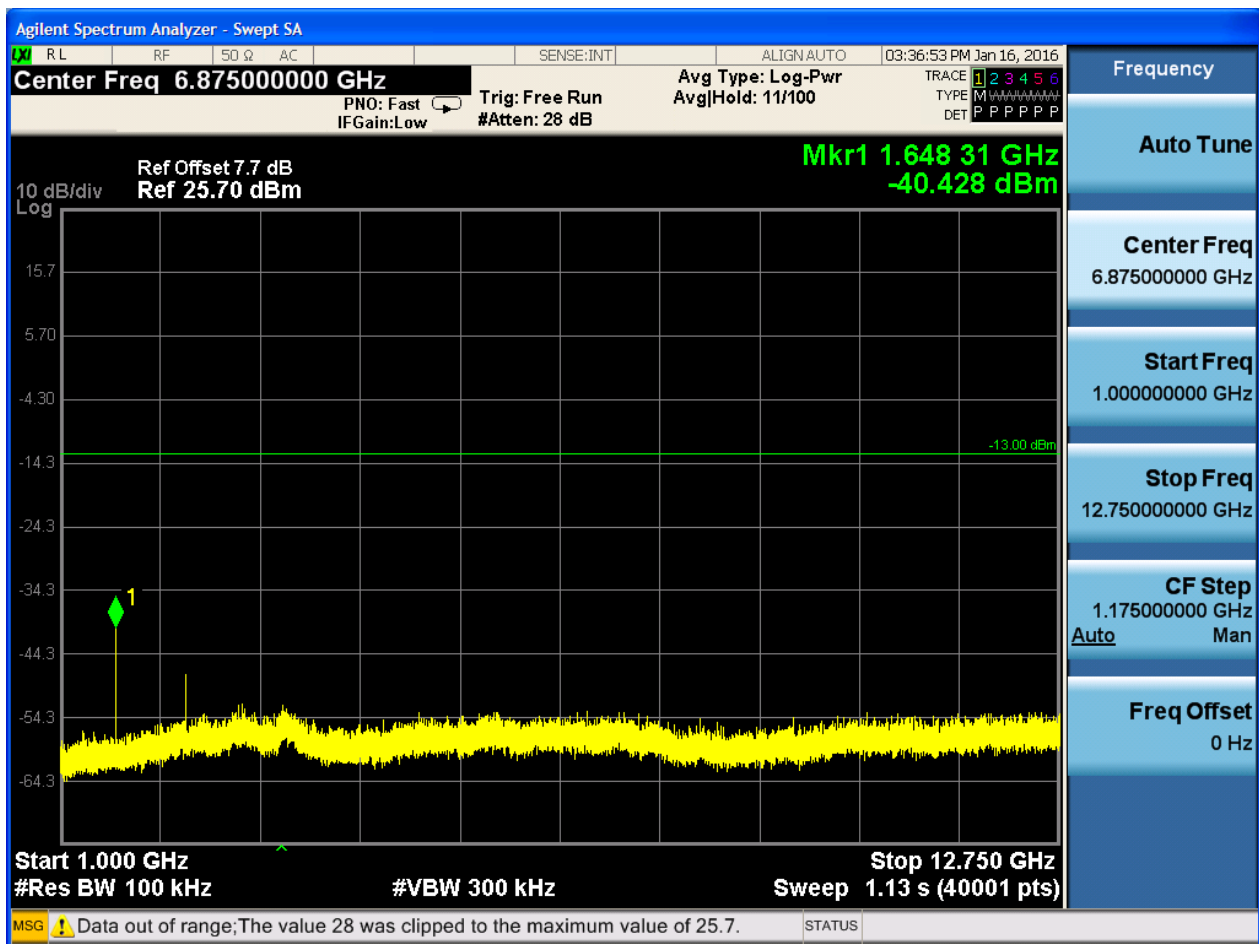
6.1.1.1.2.1 Test Channel = LCH

6.1.1.1.2.1.1 Test RB = RB1#0



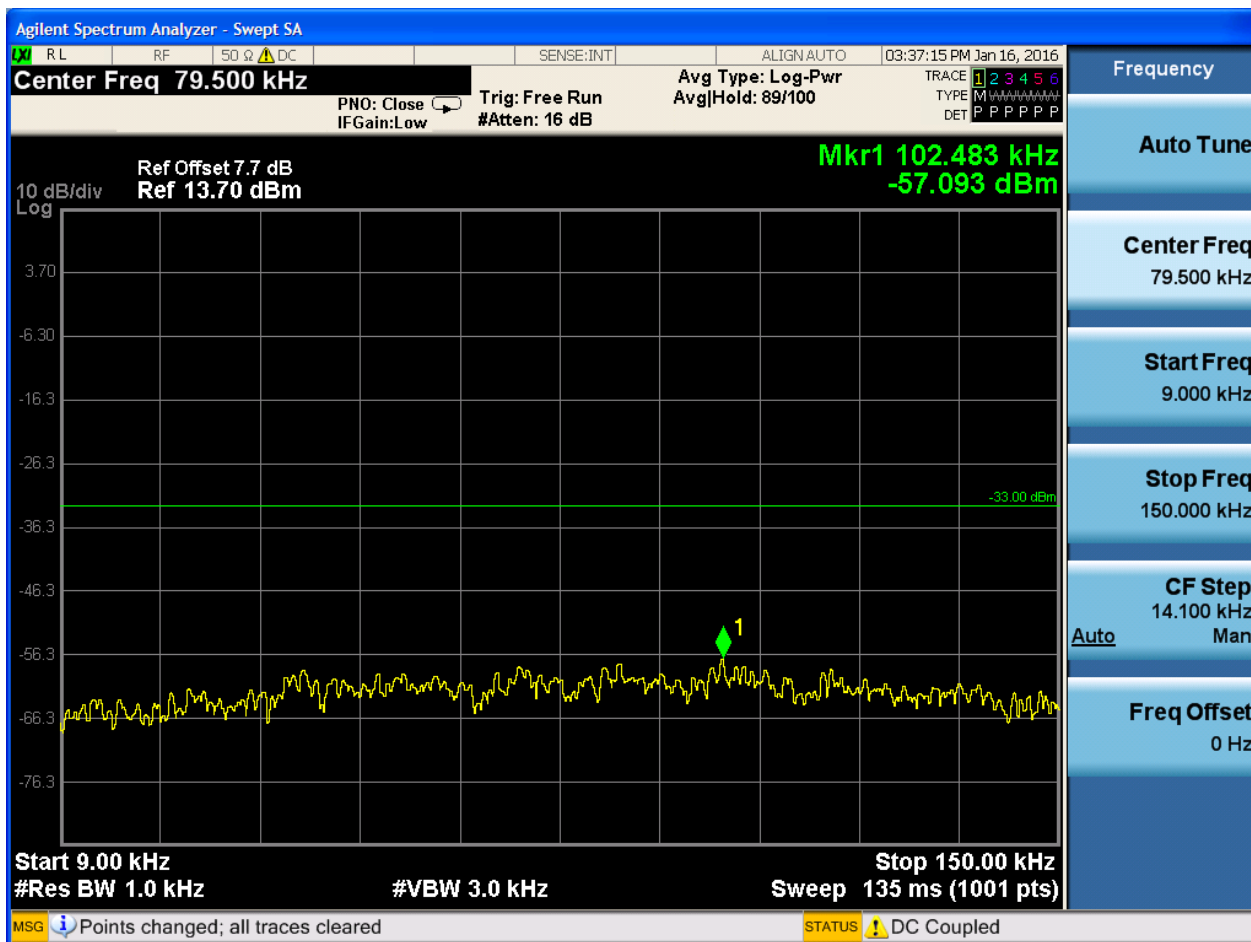


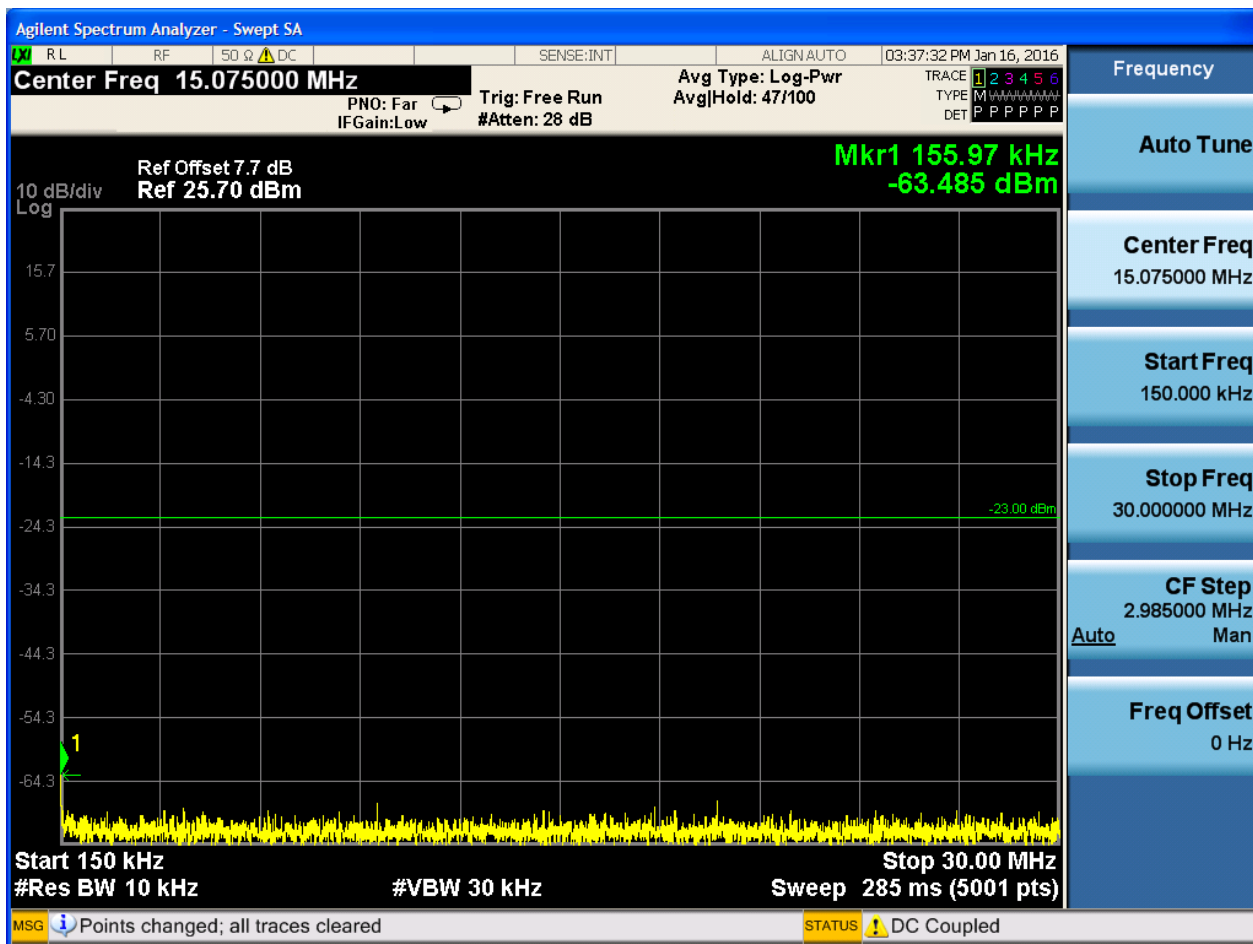


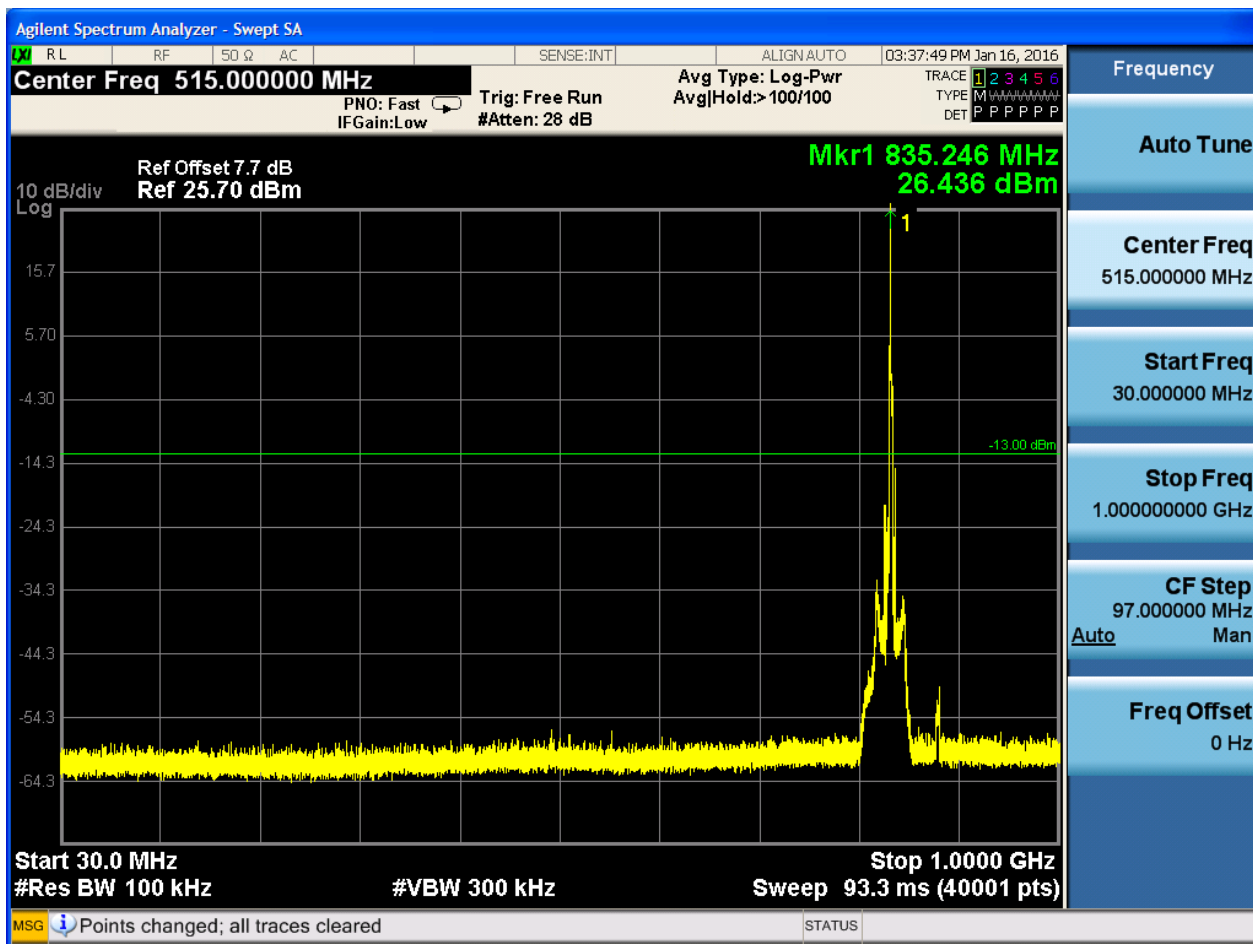


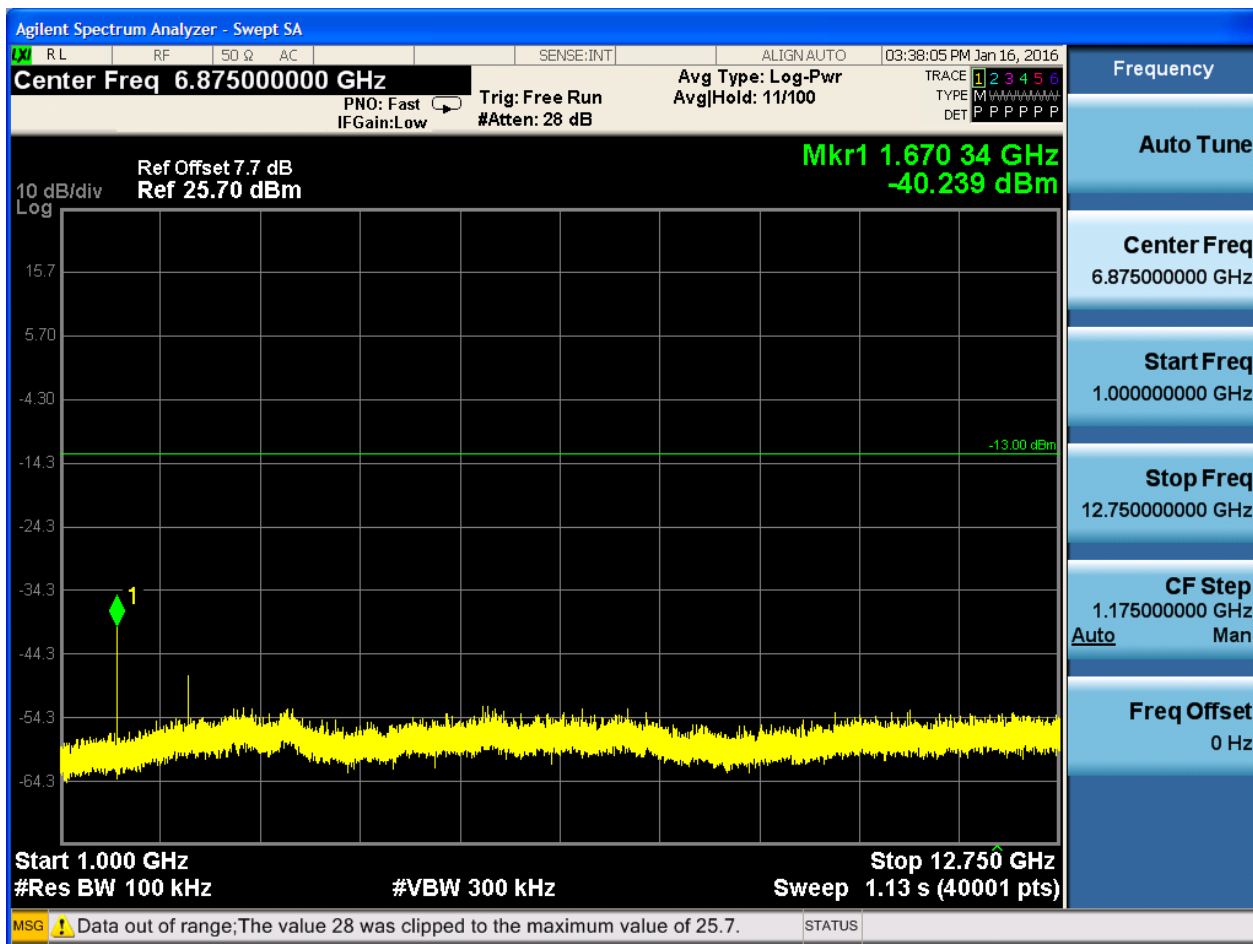
6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



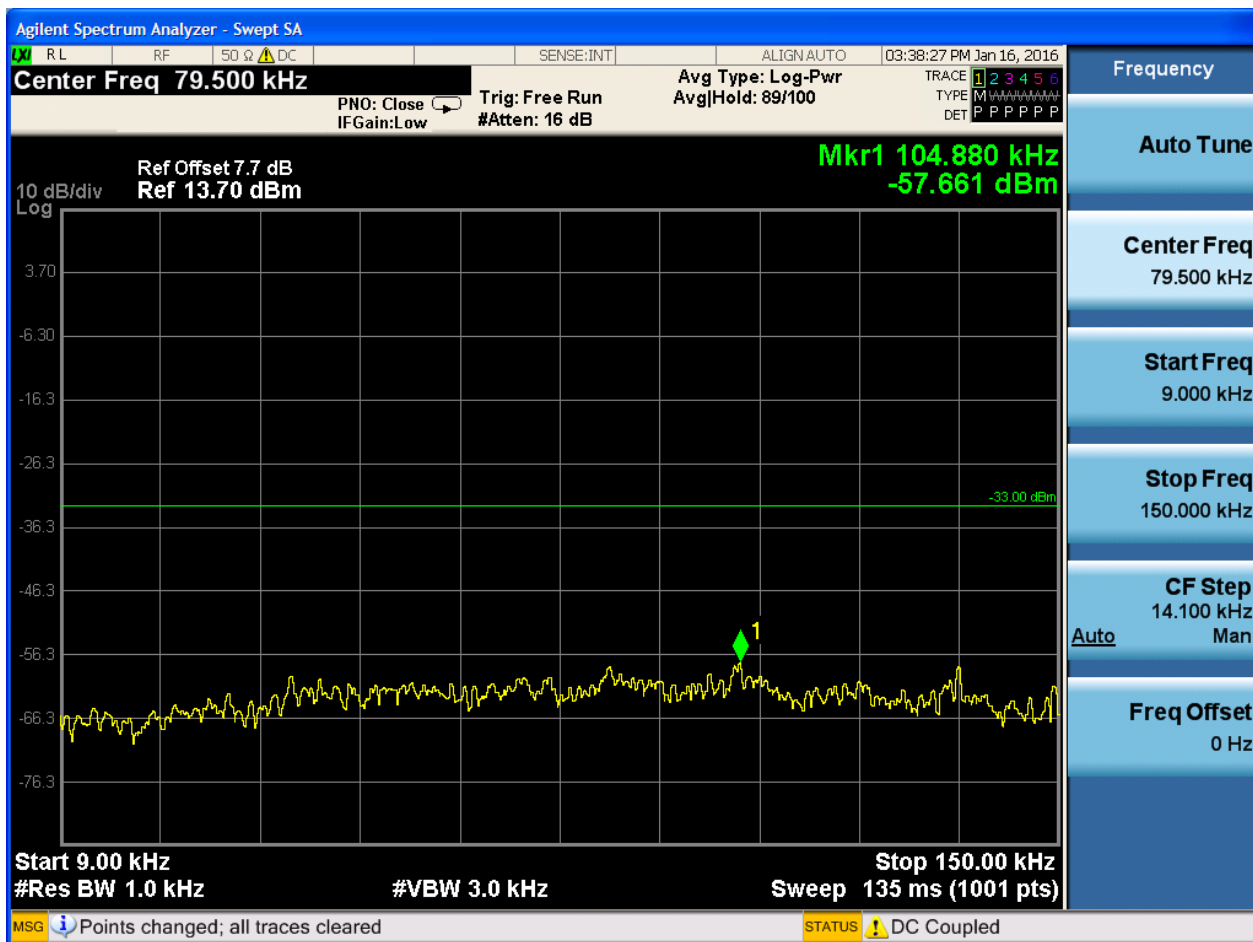


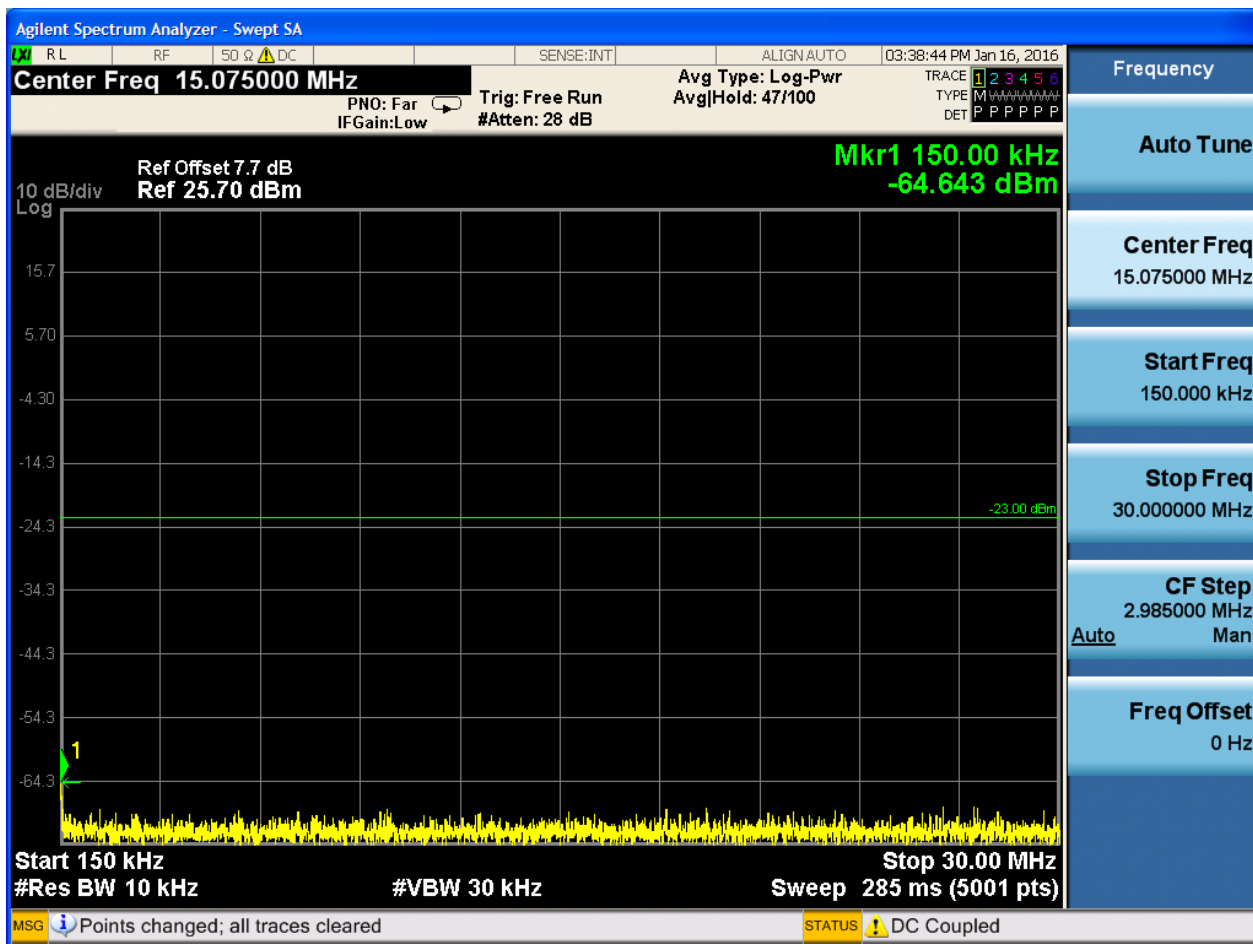


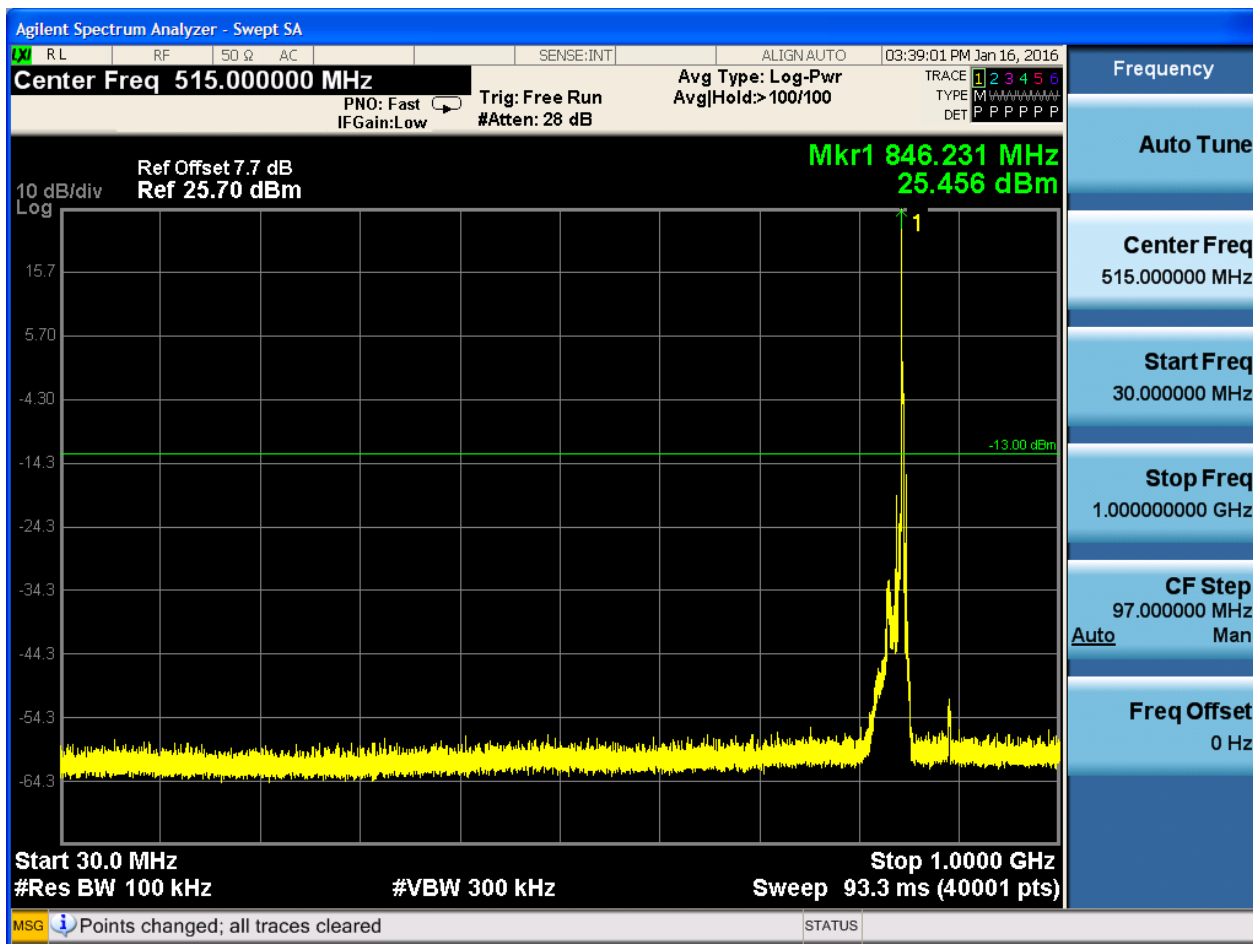


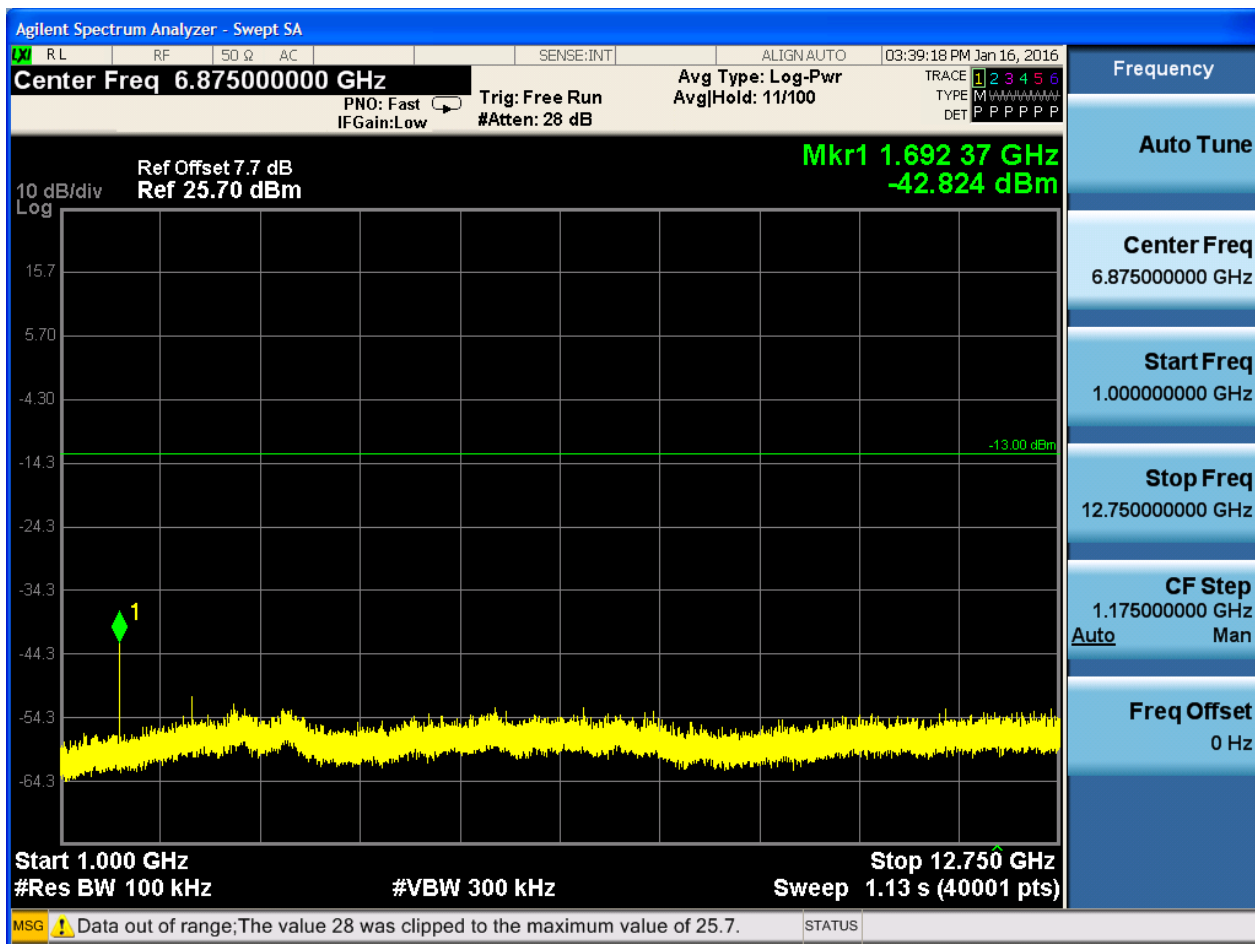
6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







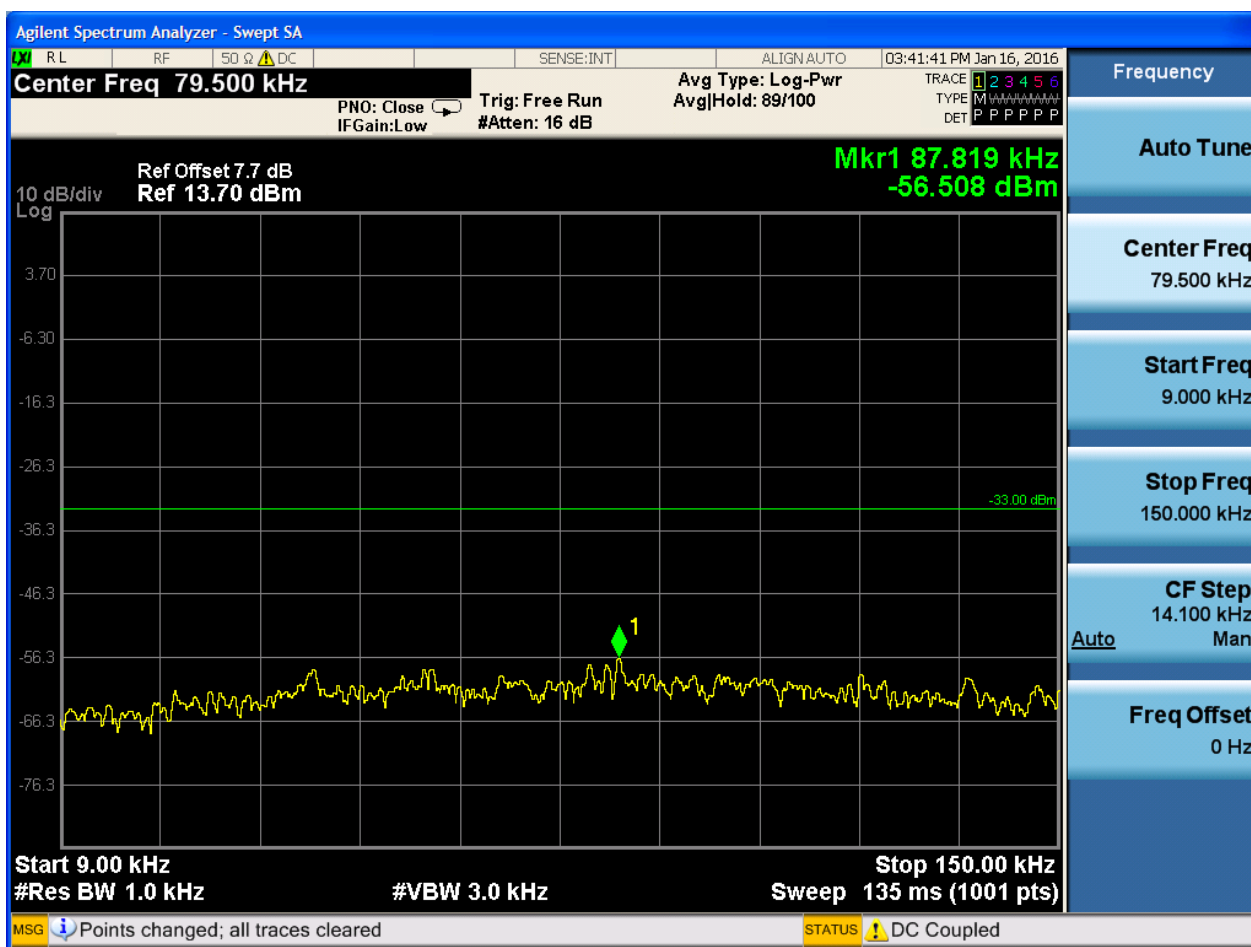




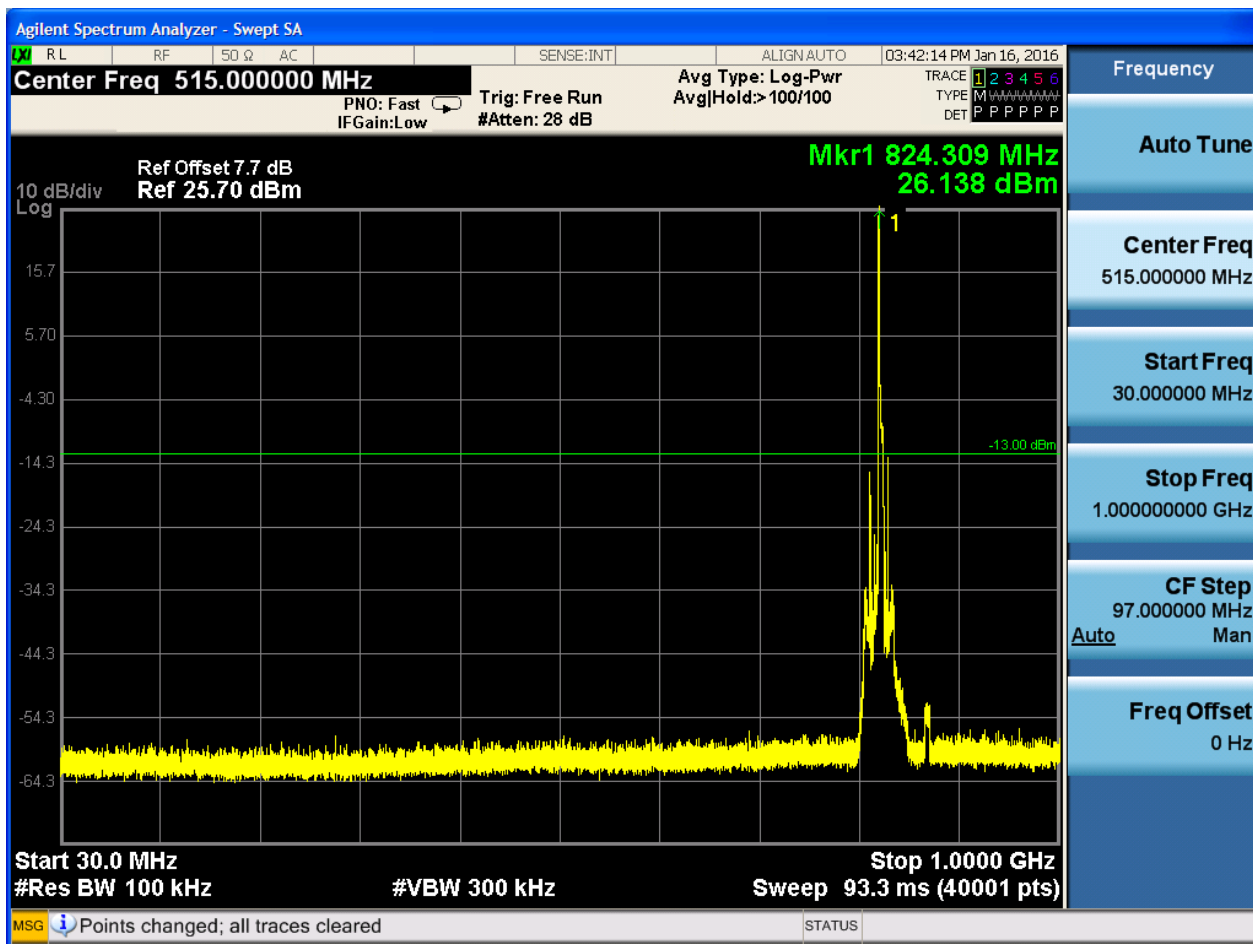
6.1.1.1.3 Test Bandwidth = 5

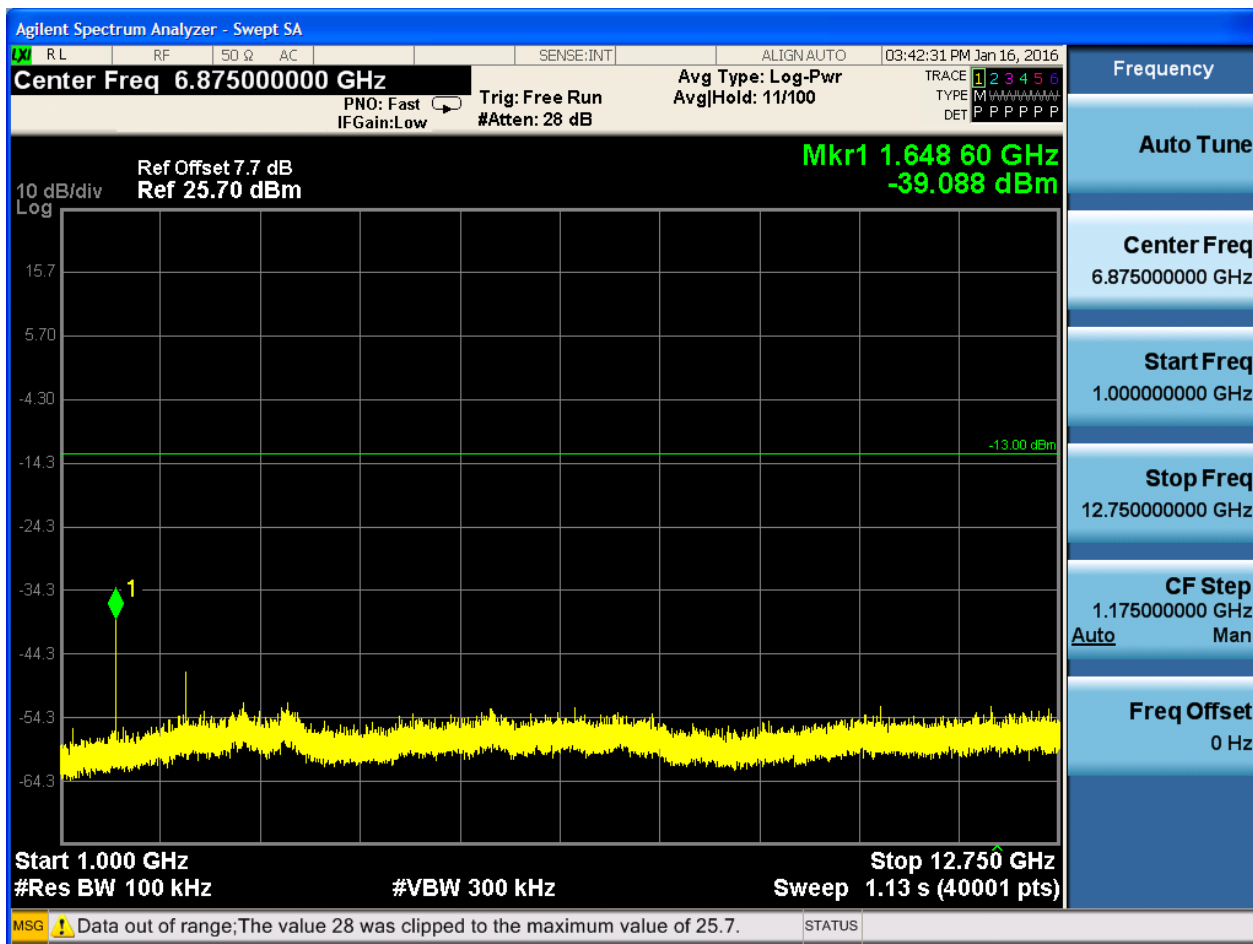
6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0



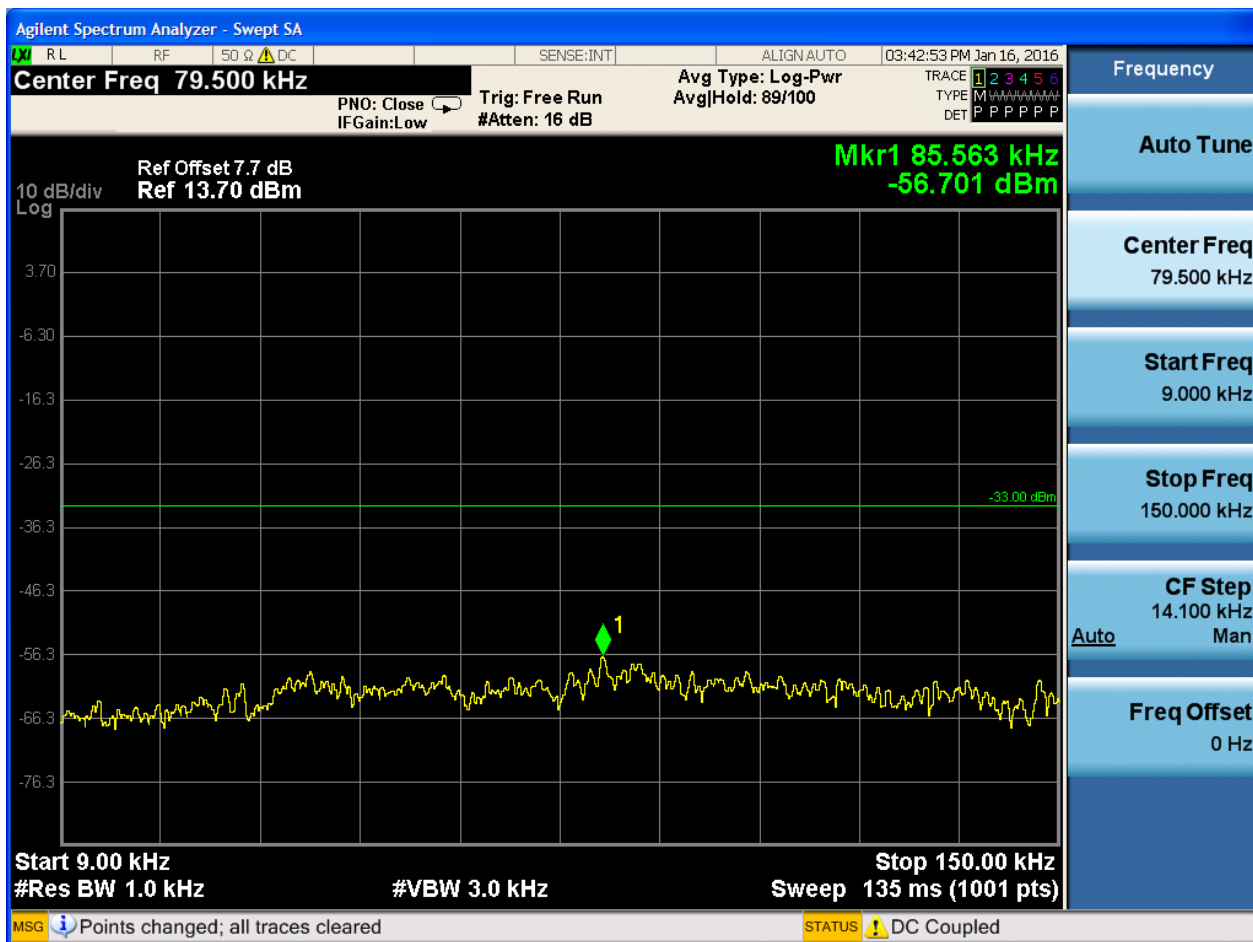


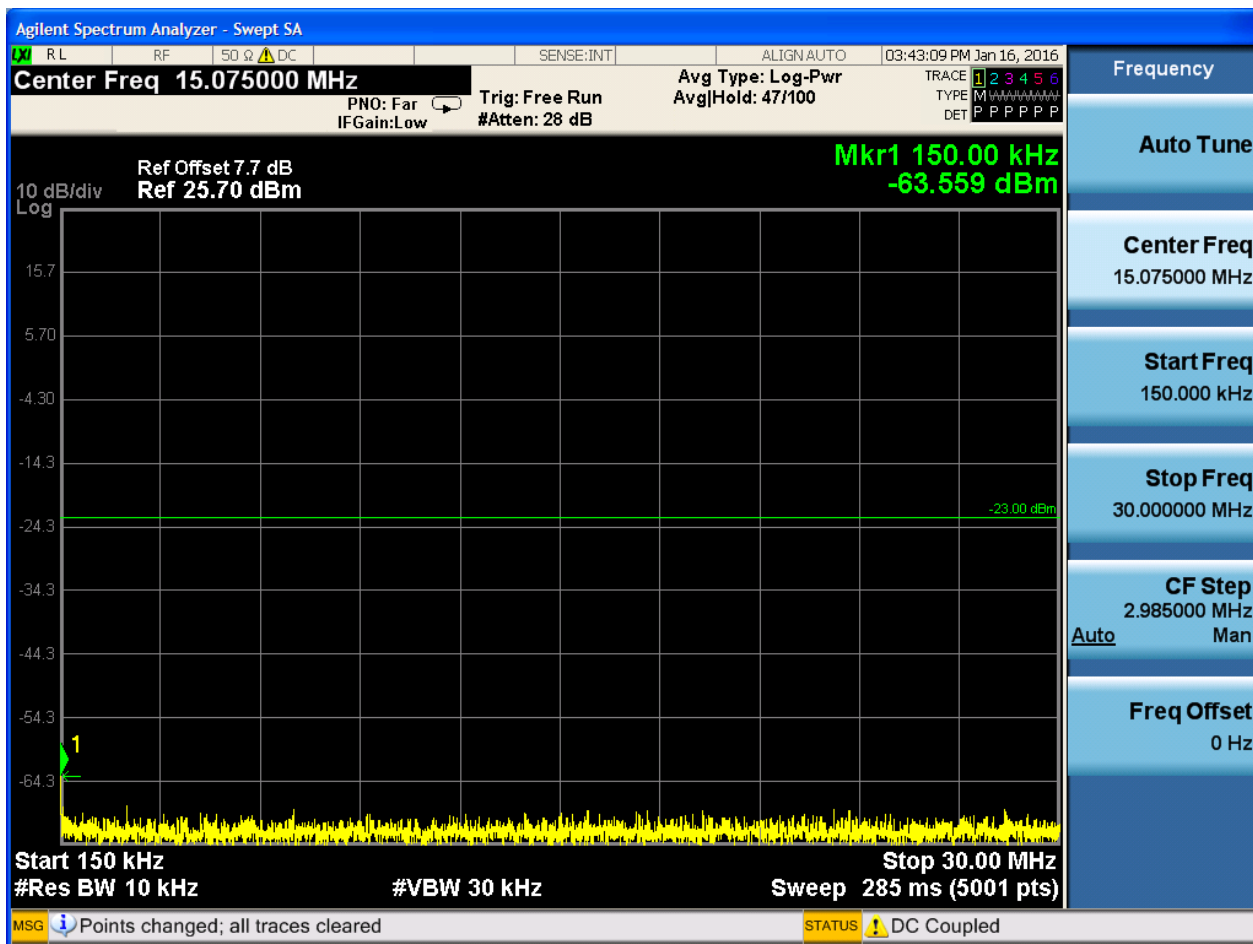


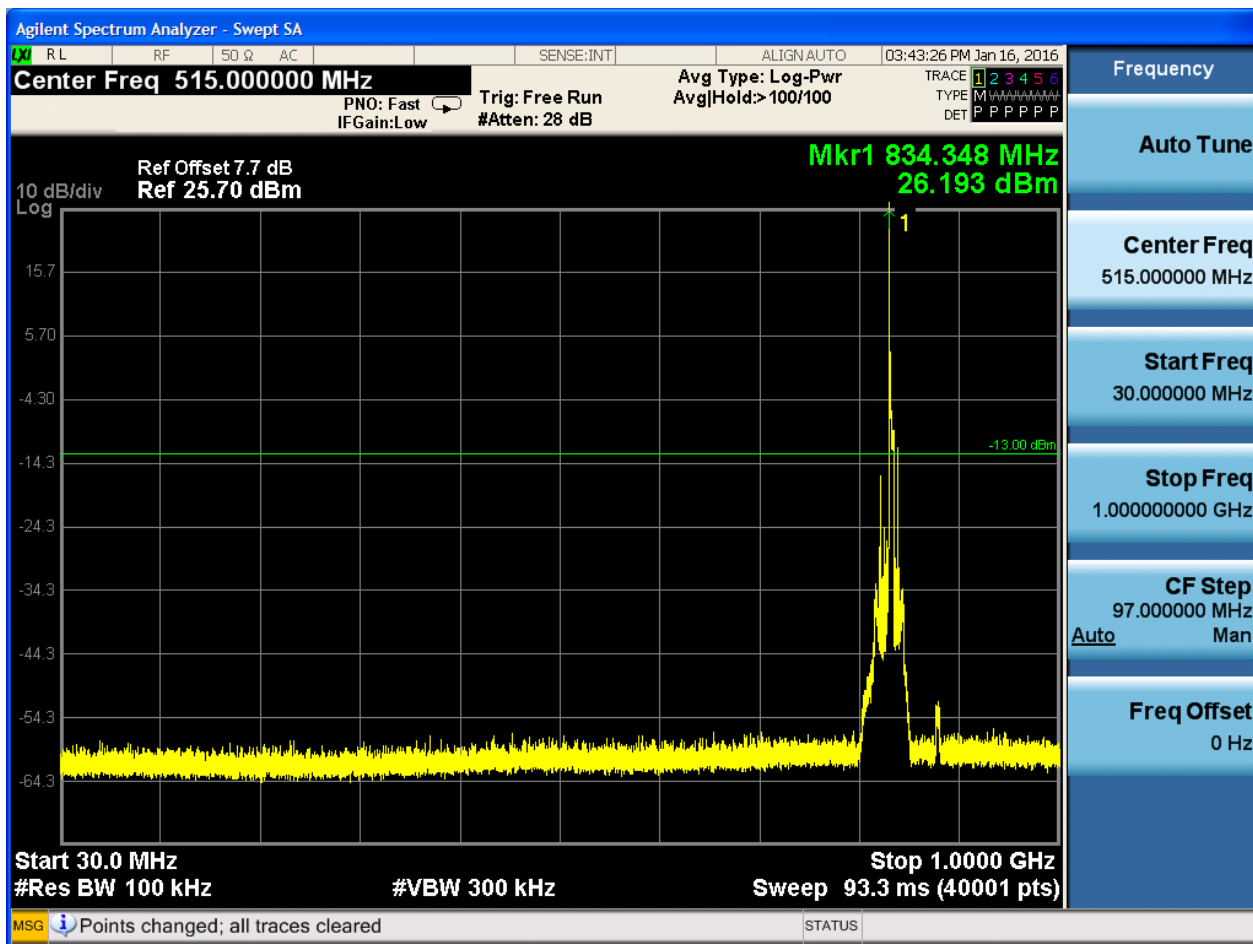


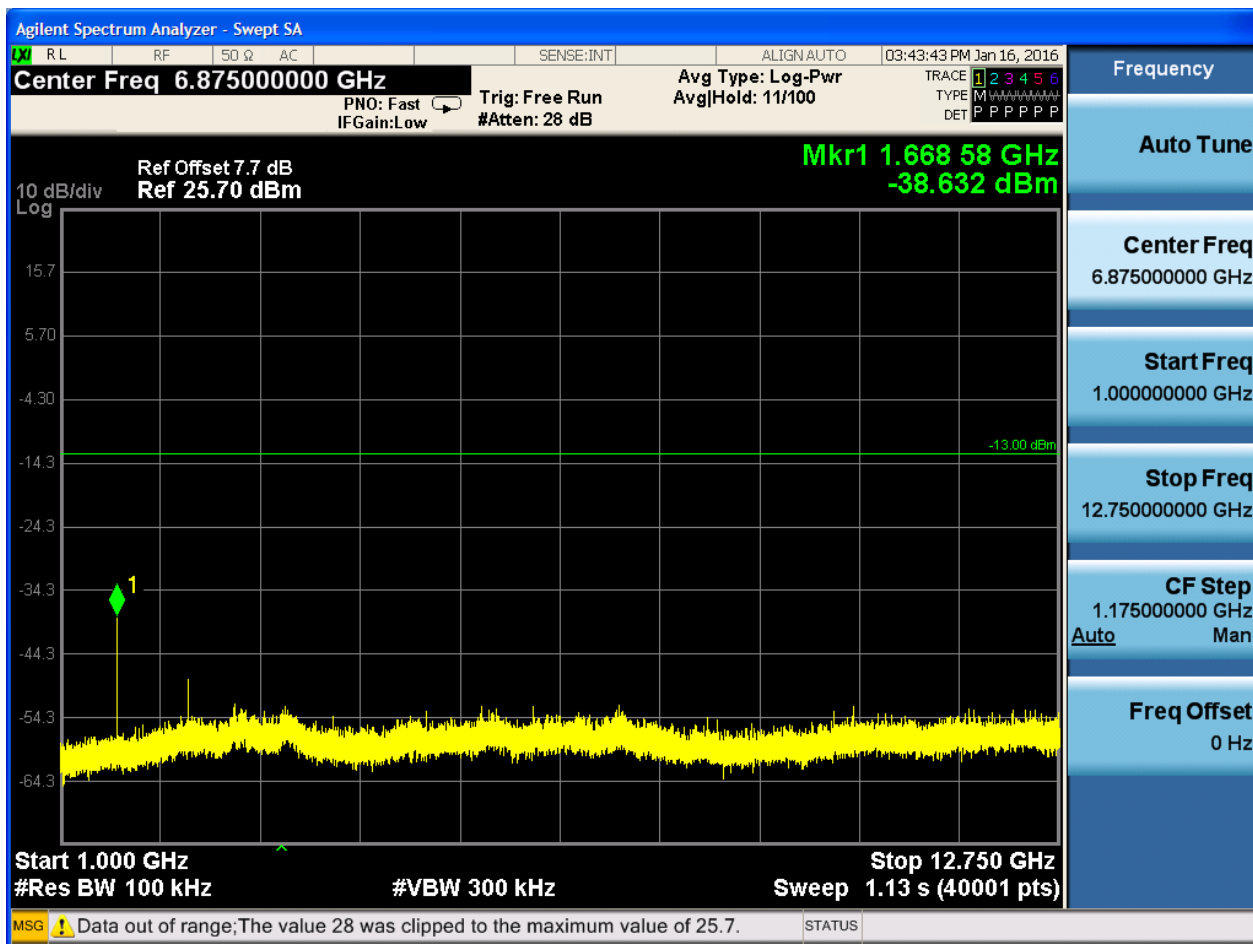
6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0



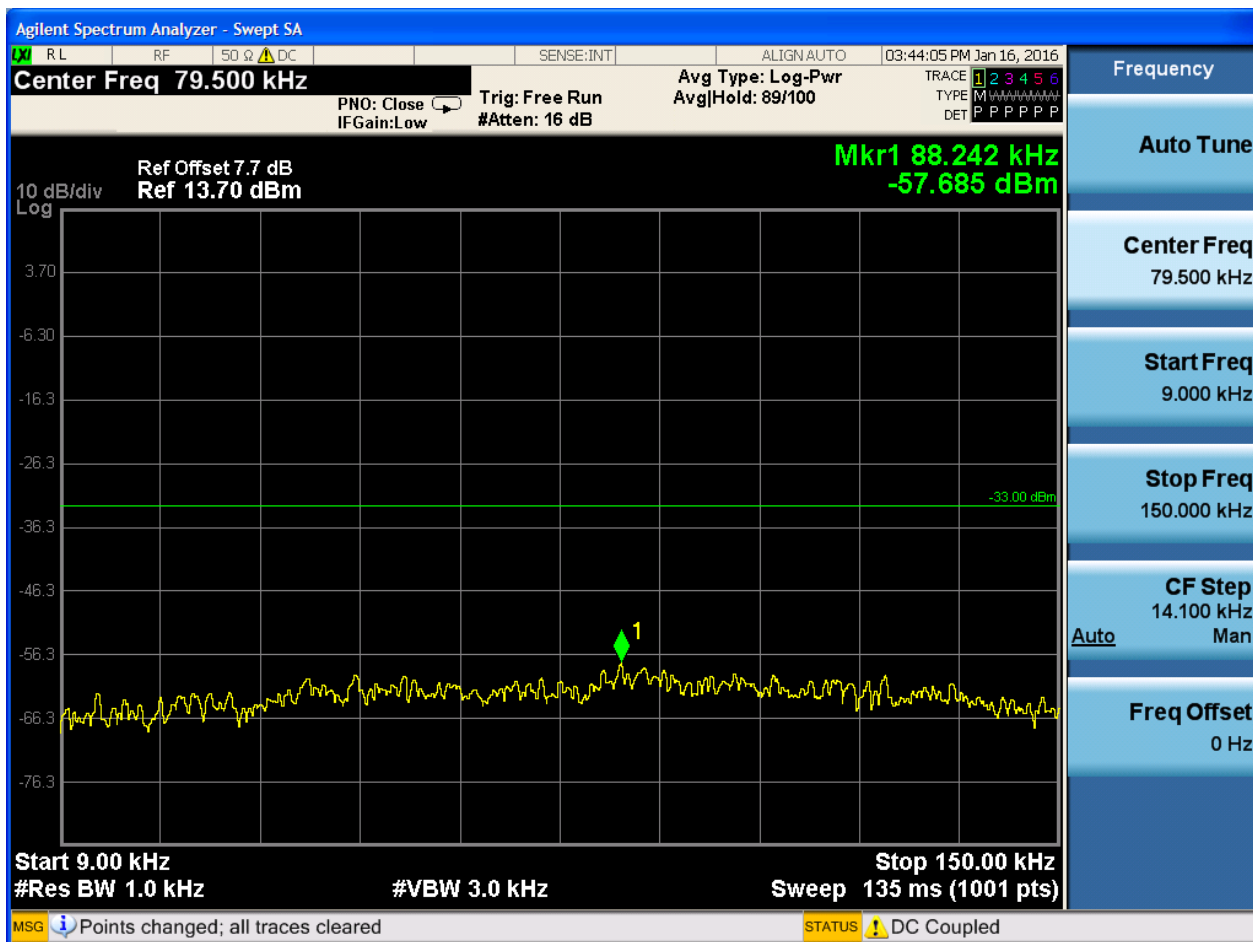


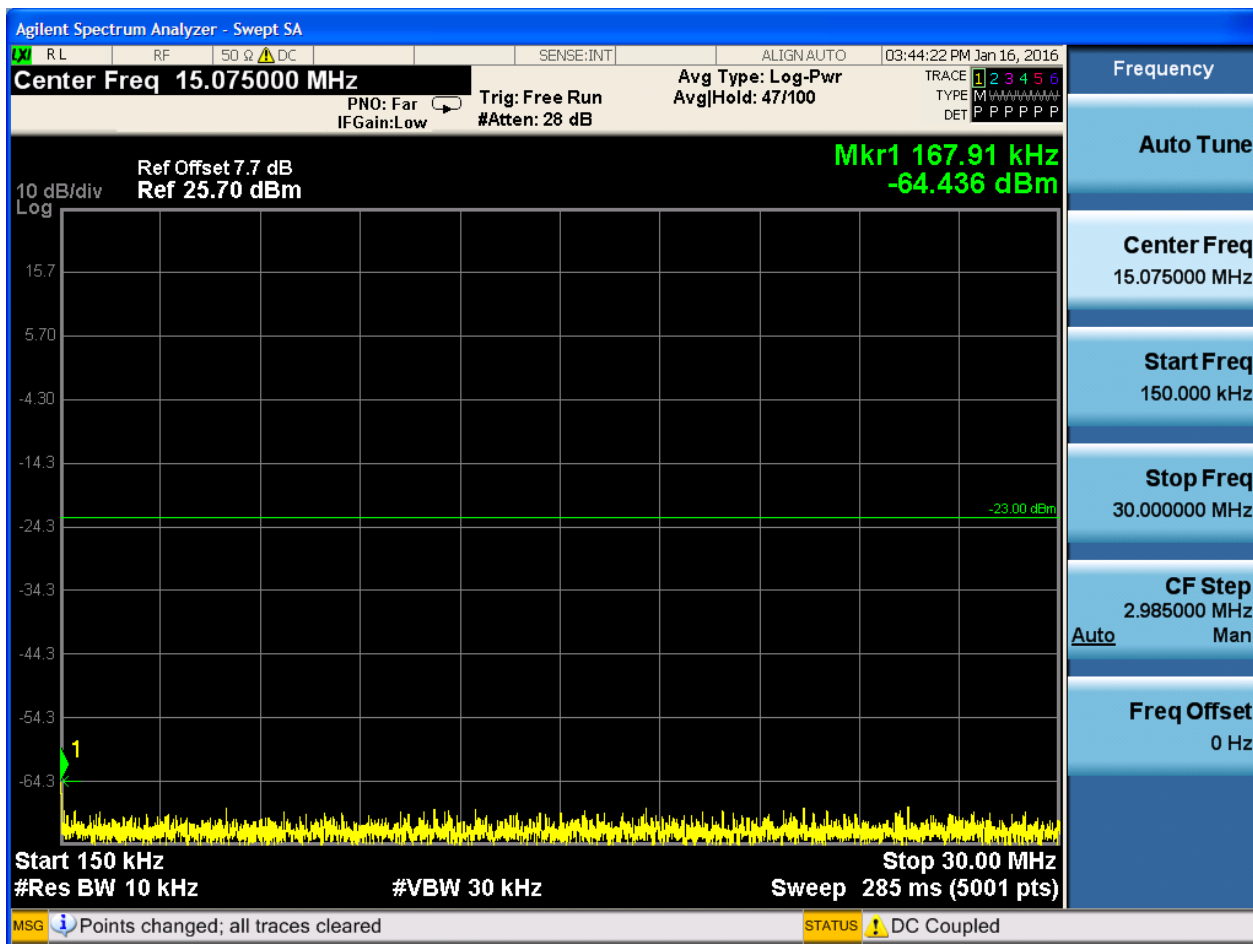


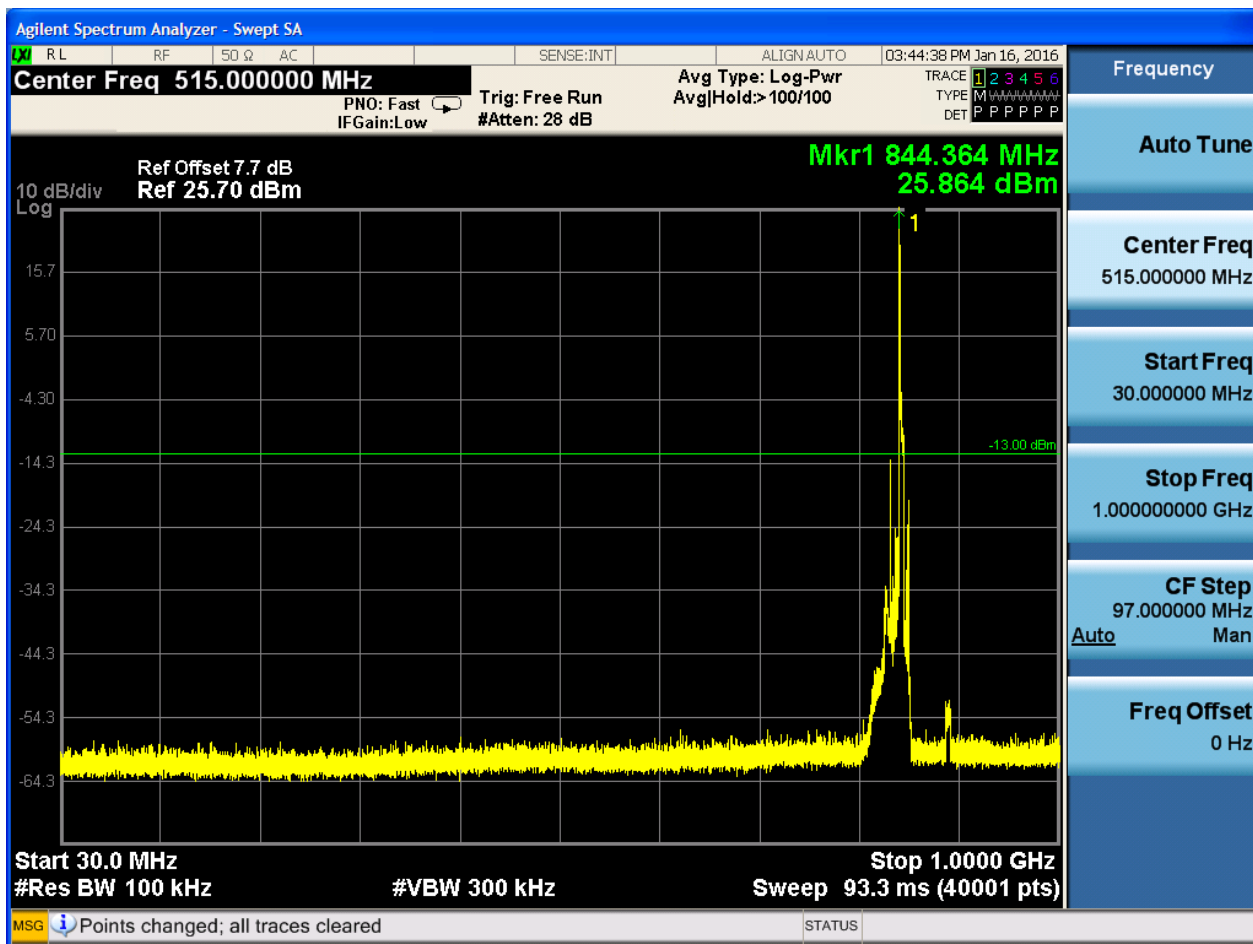


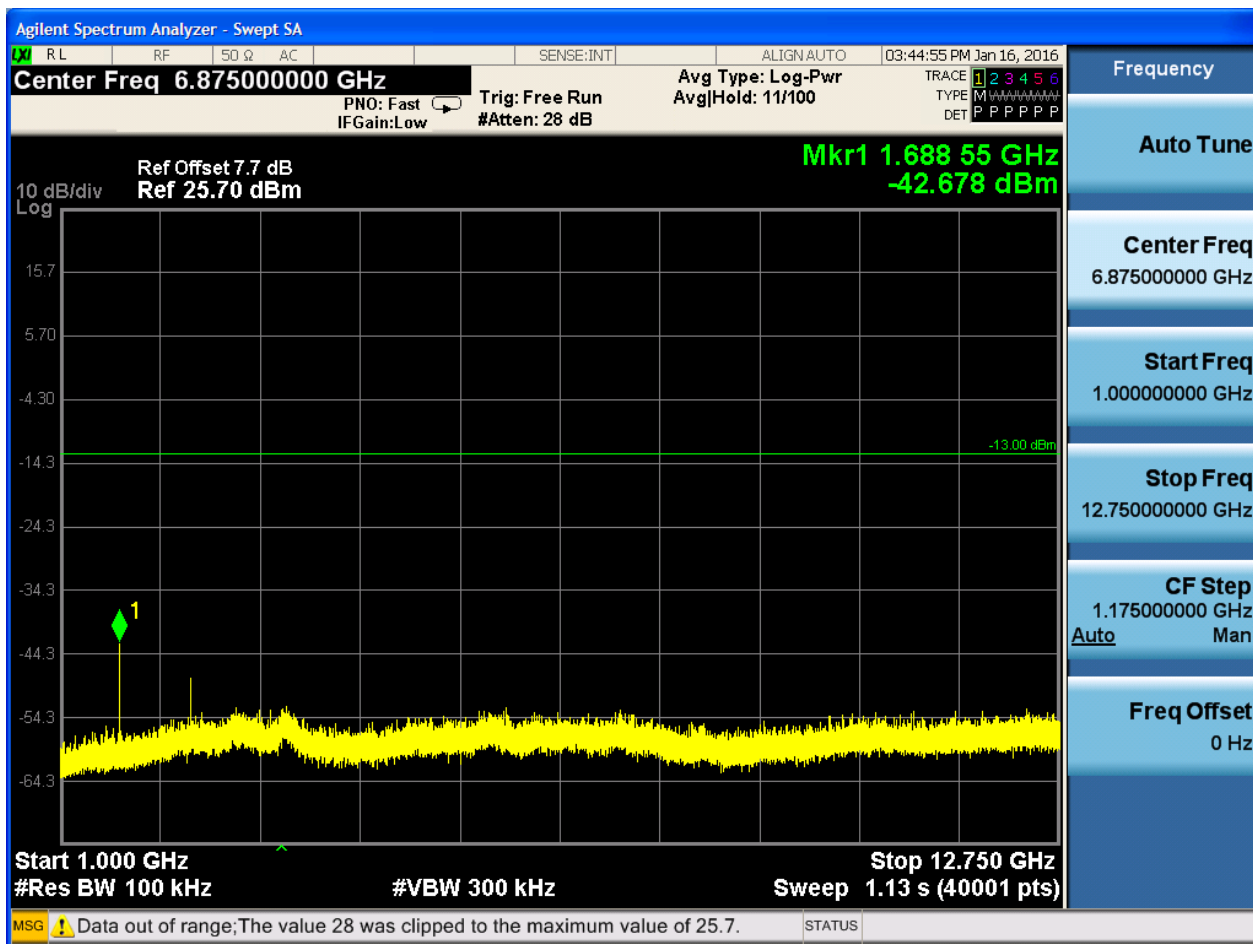
6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





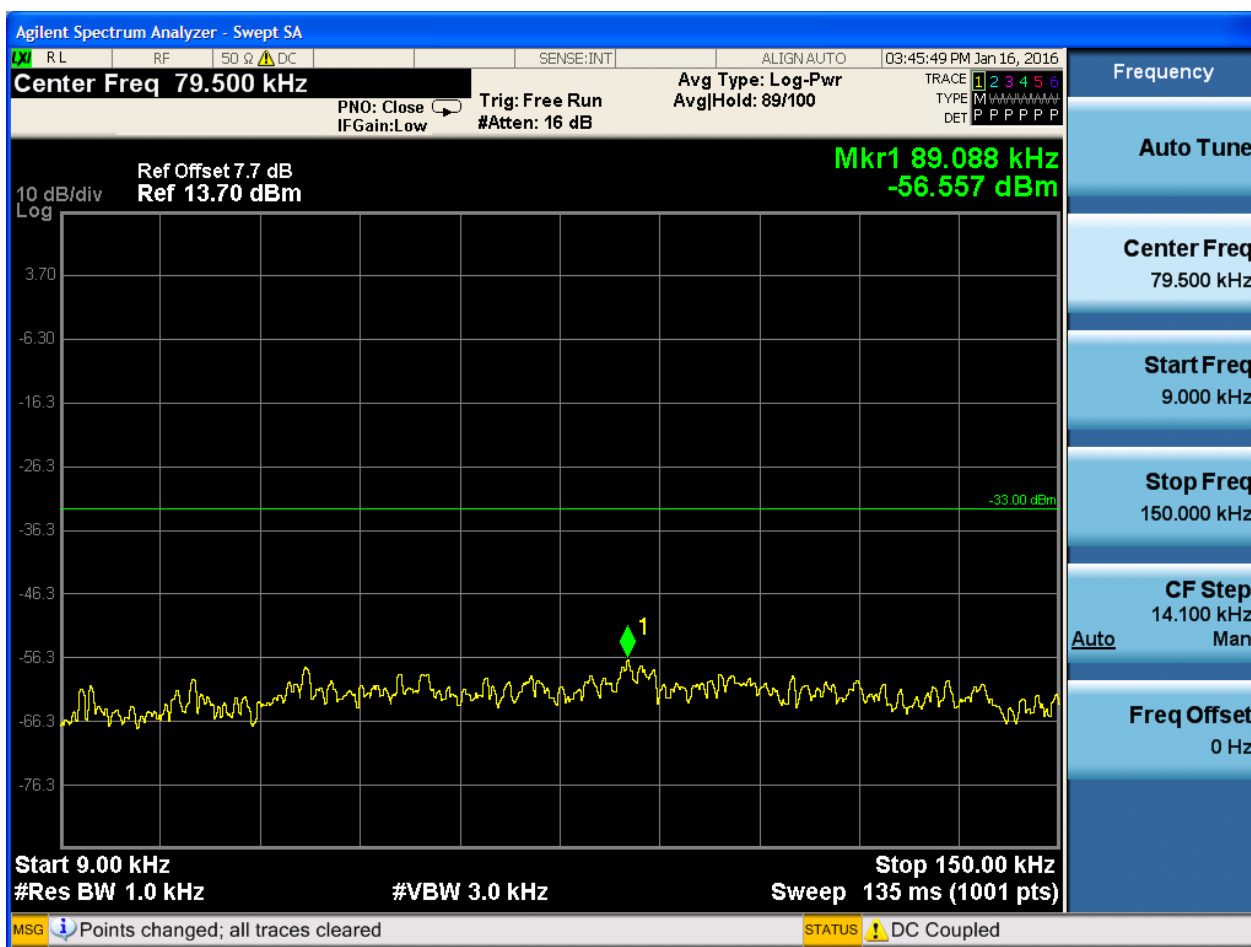




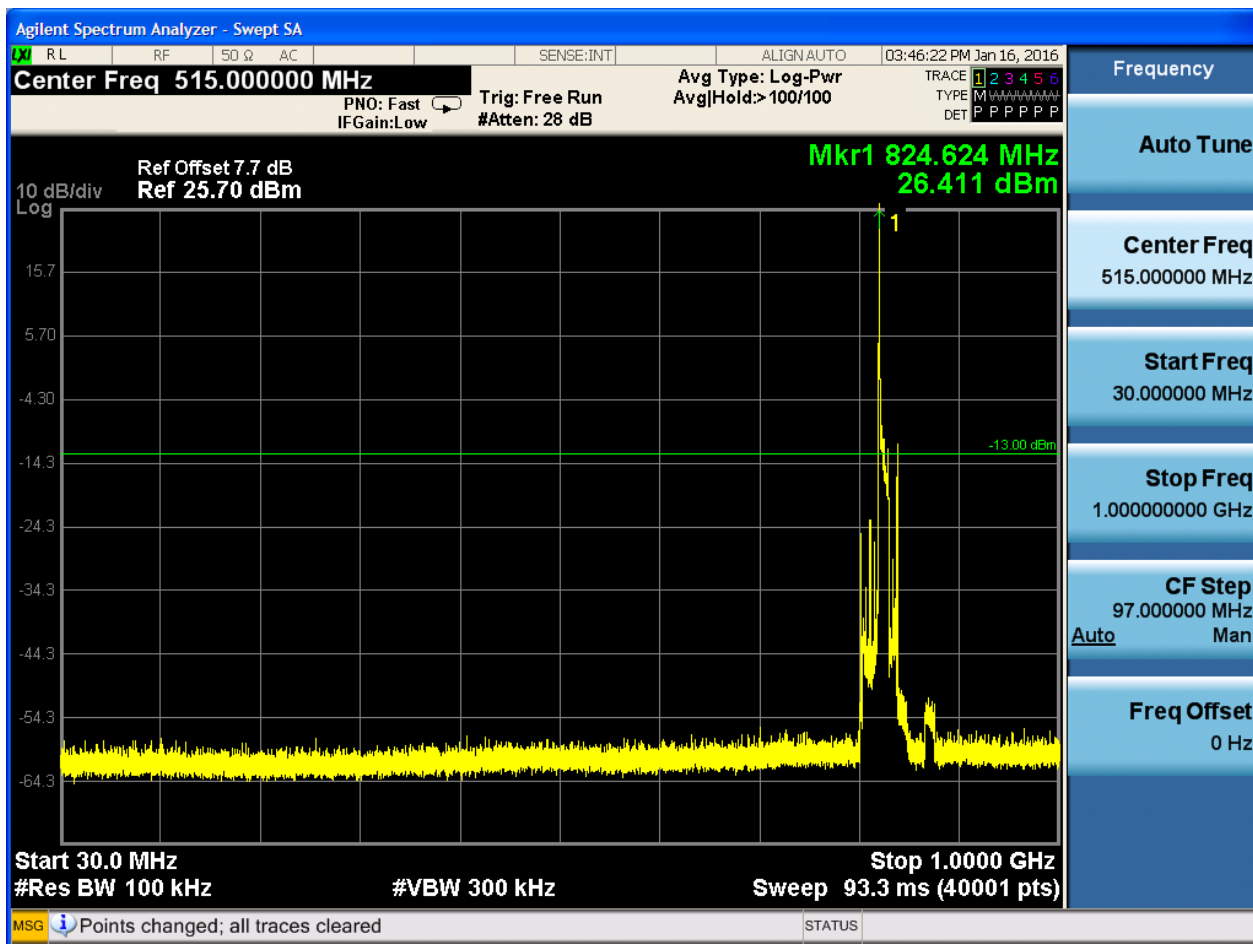
6.1.1.1.4 Test Bandwidth = 10

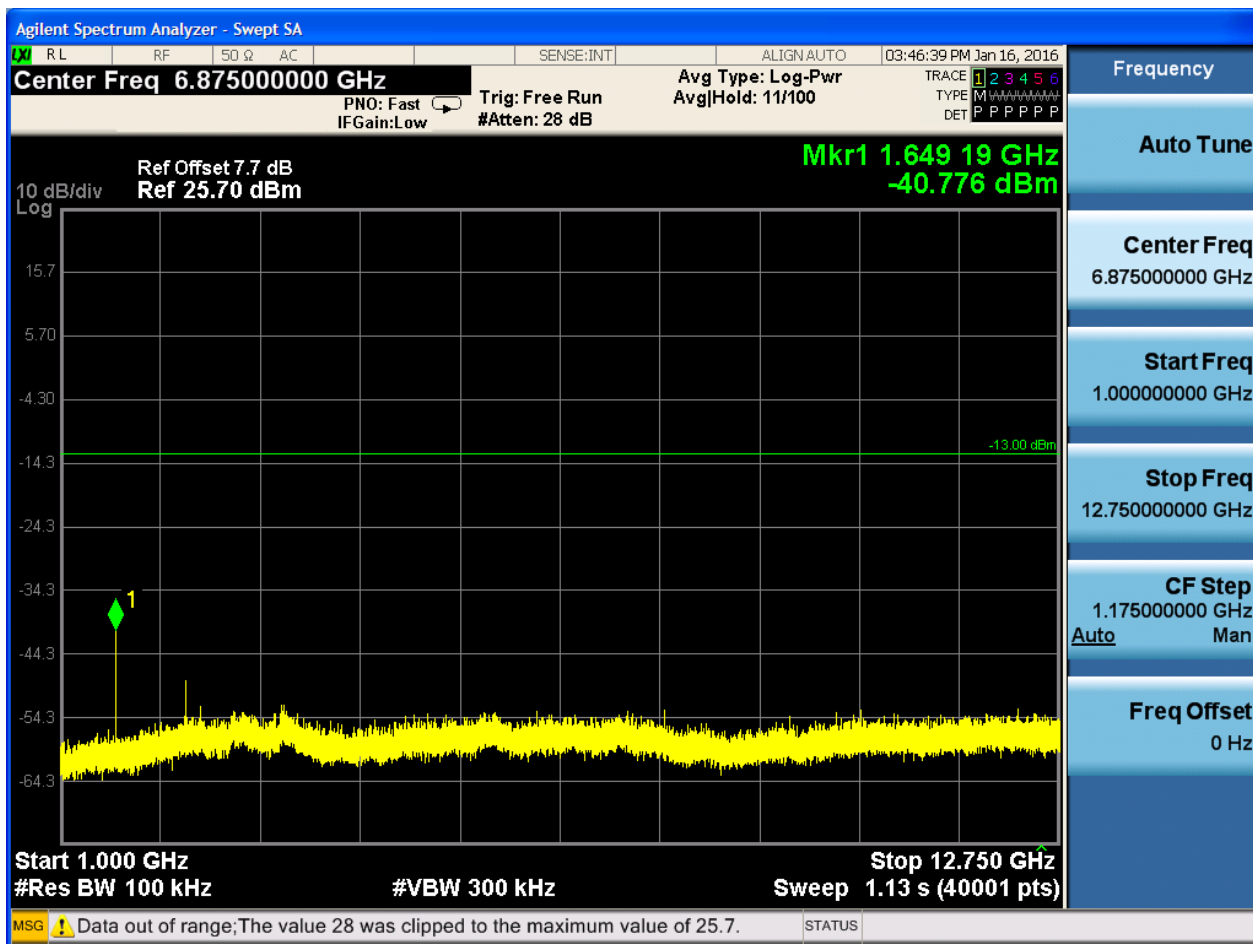
6.1.1.1.4.1 Test Channel = LCH

6.1.1.1.4.1.1 Test RB = RB1#0



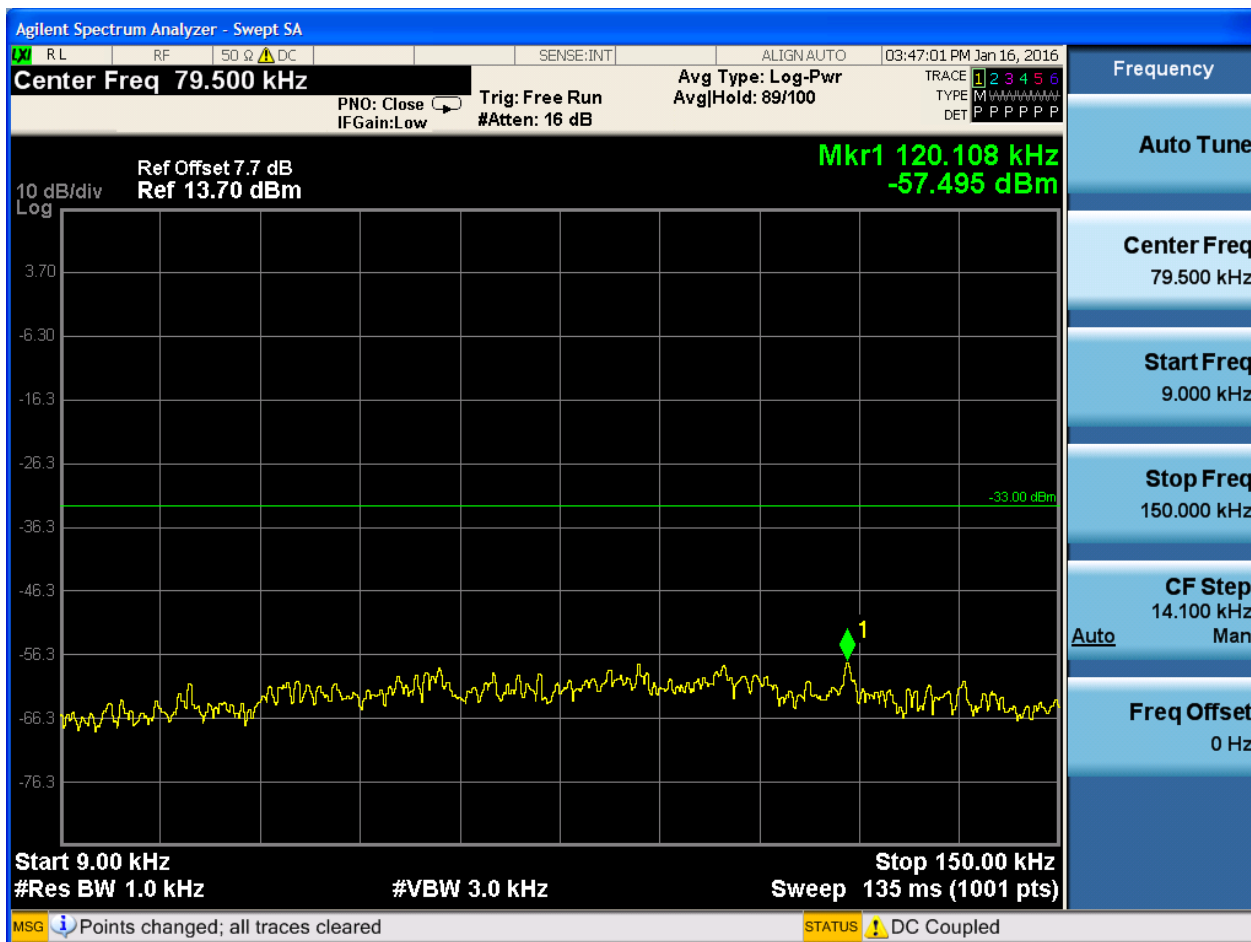




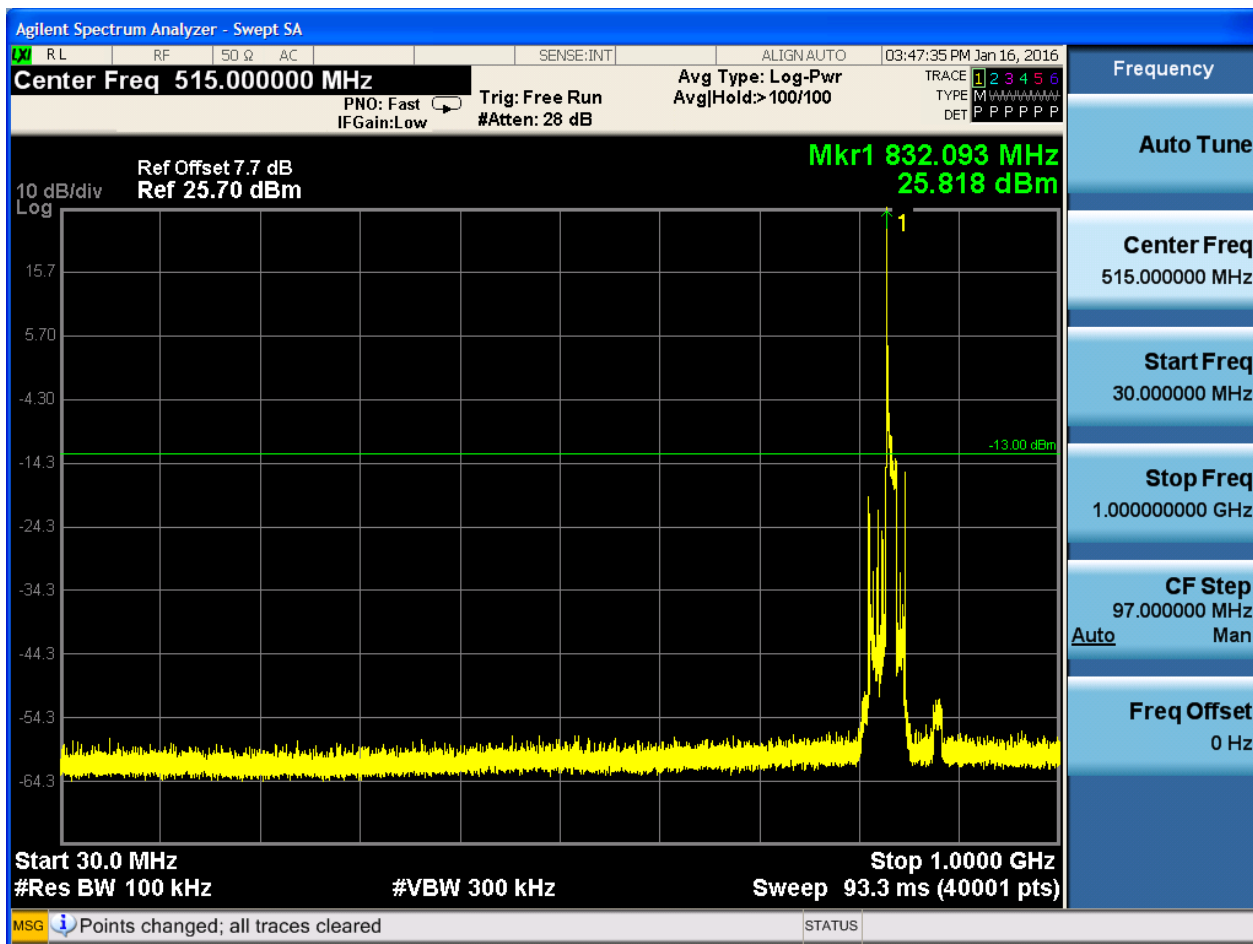


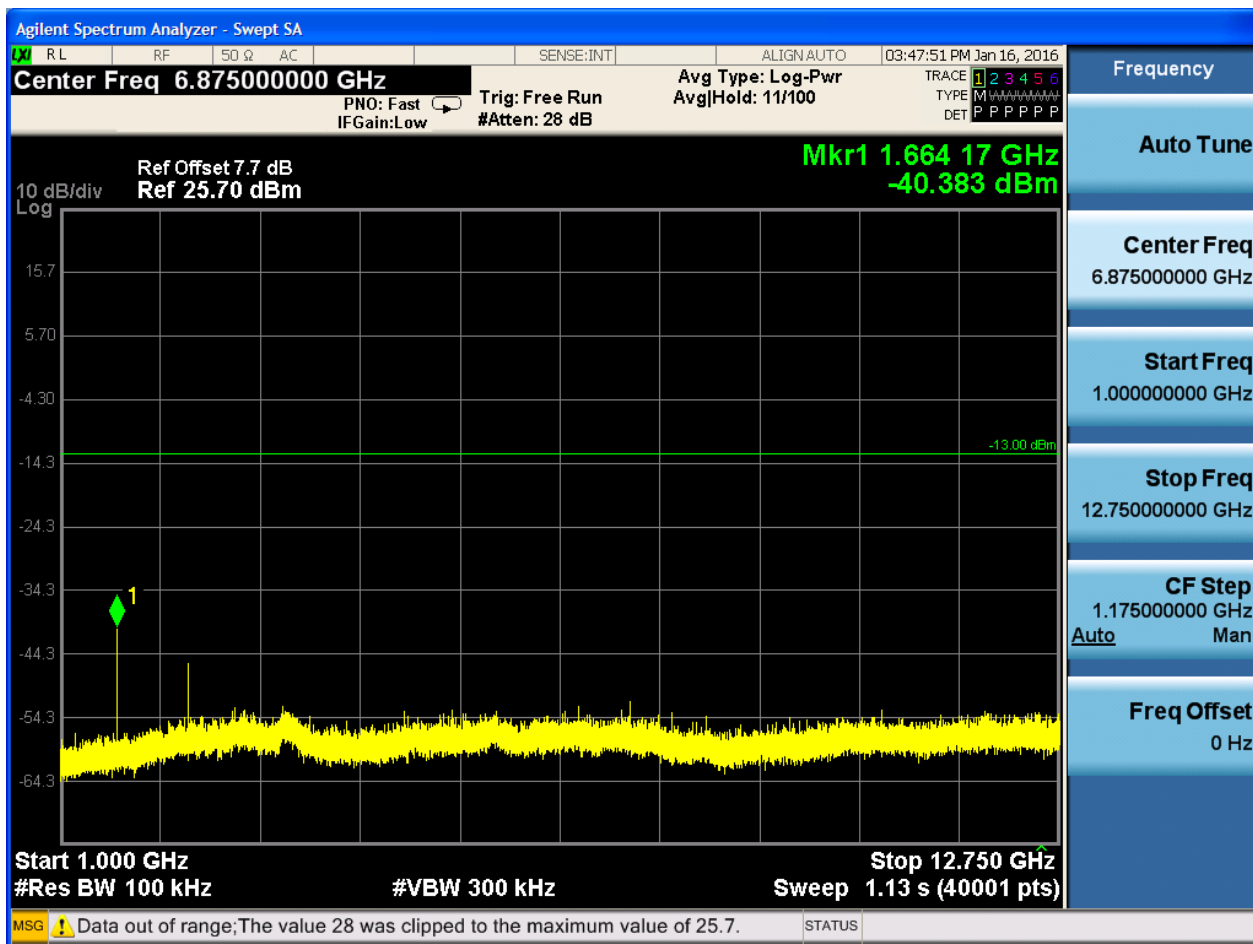
6.1.1.1.4.2 Test Channel = MCH

6.1.1.1.4.2.1 Test RB = RB1#0



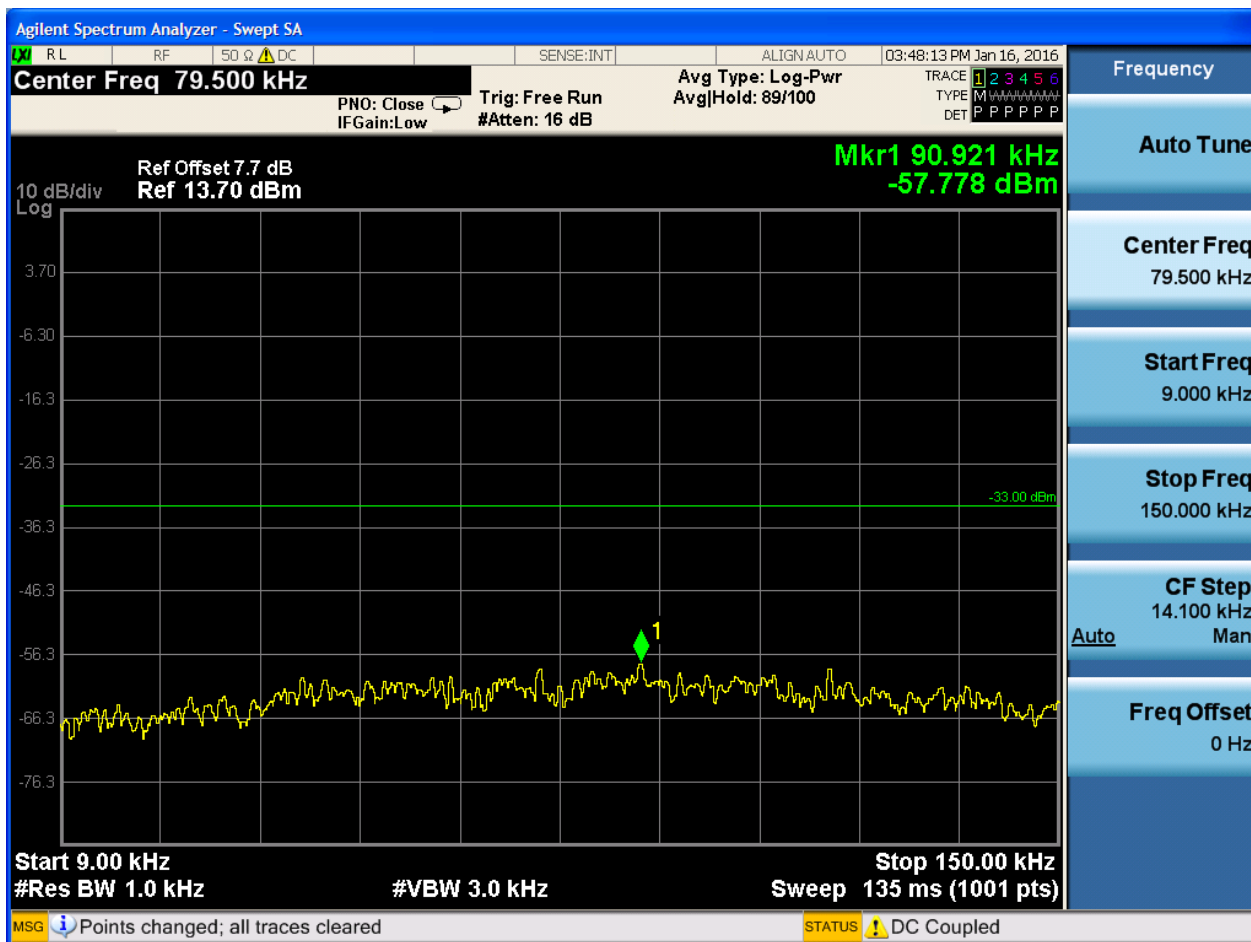


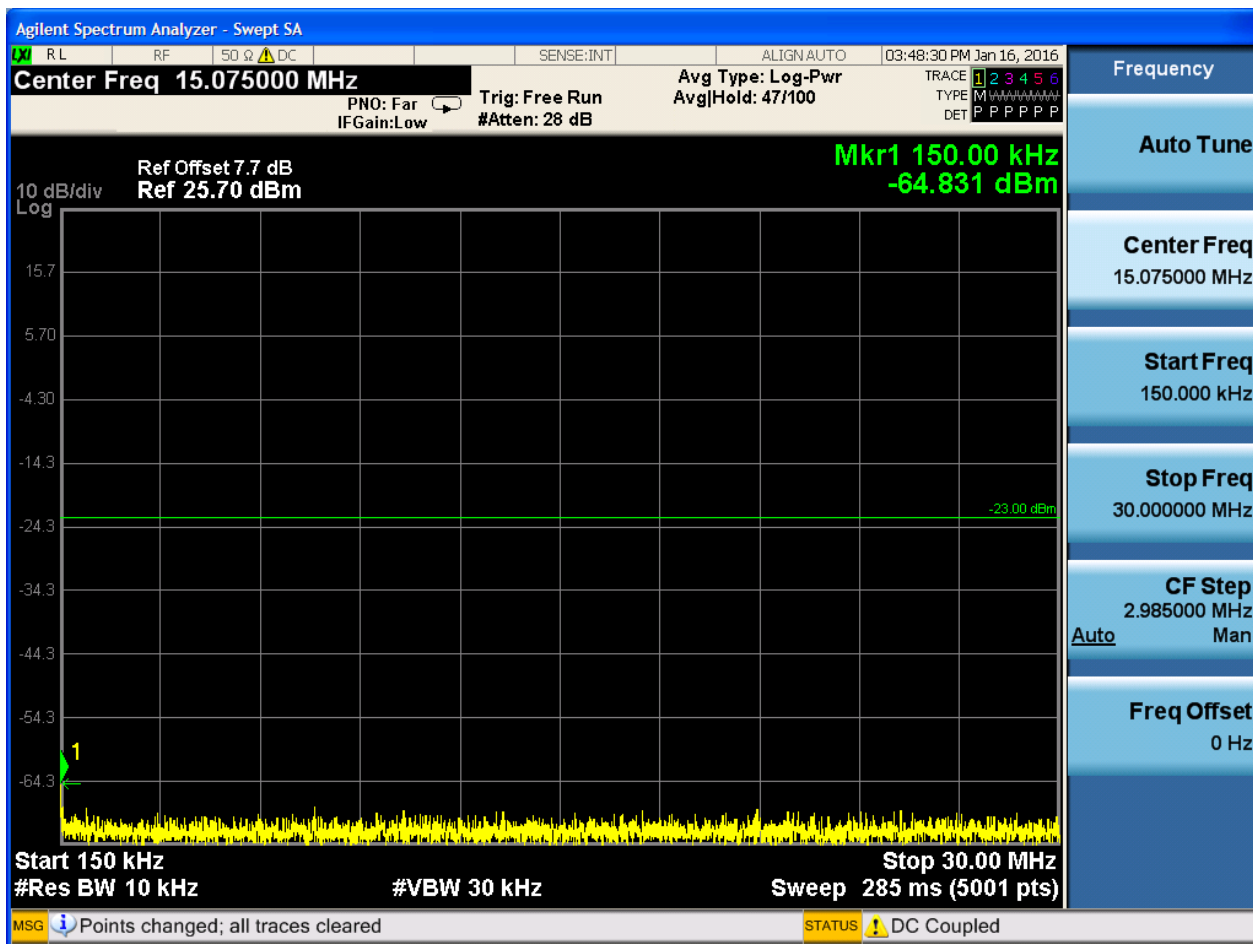


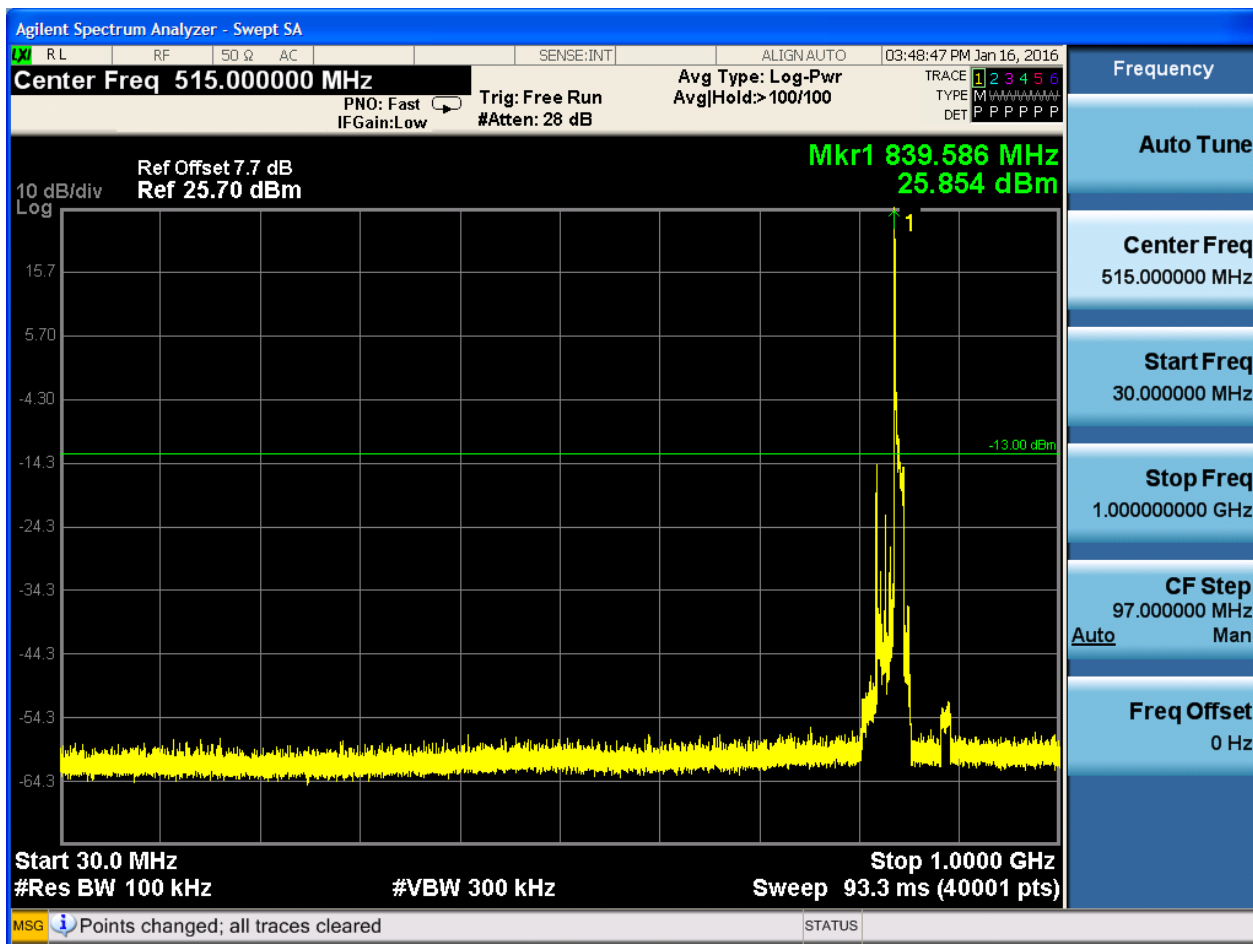


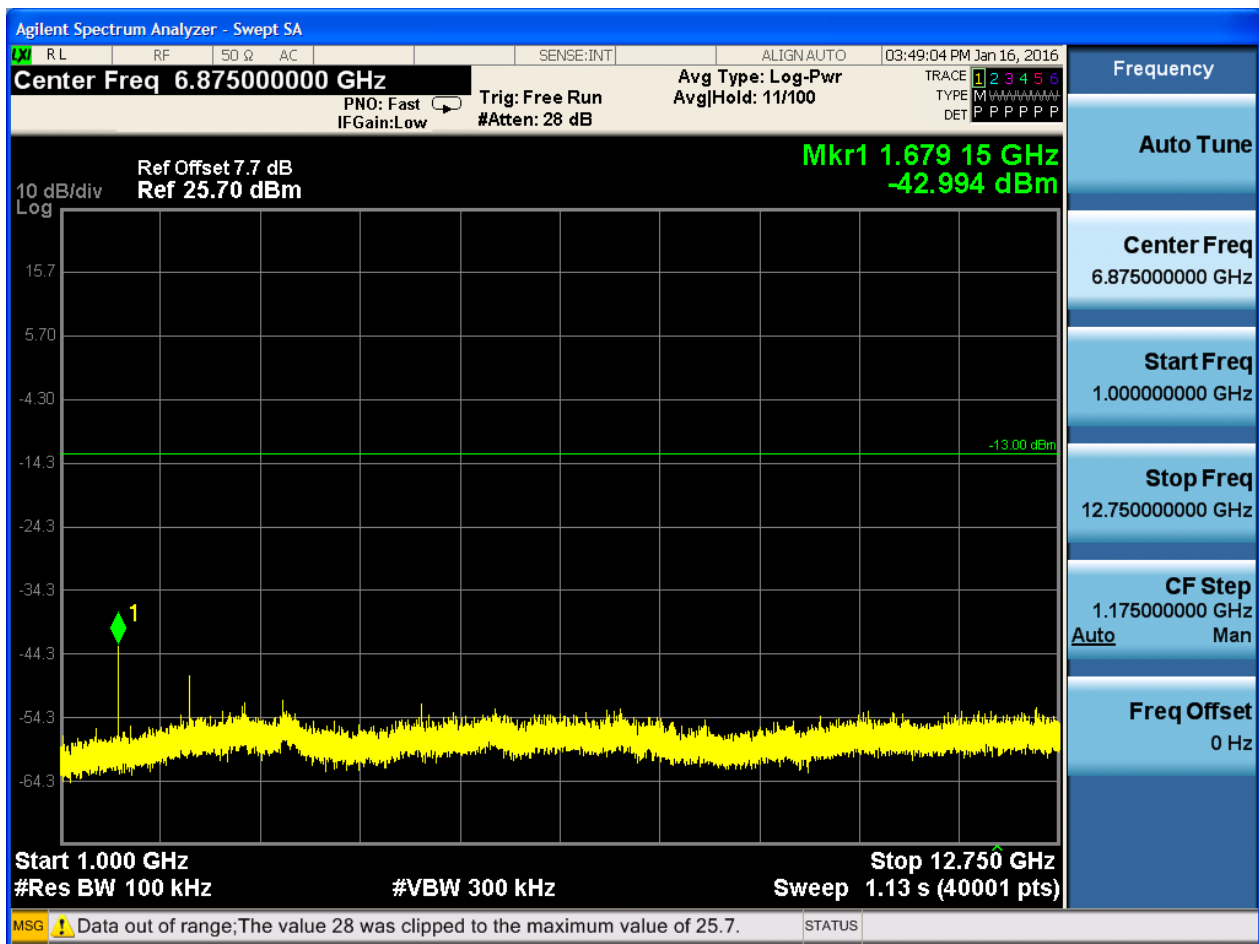
6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







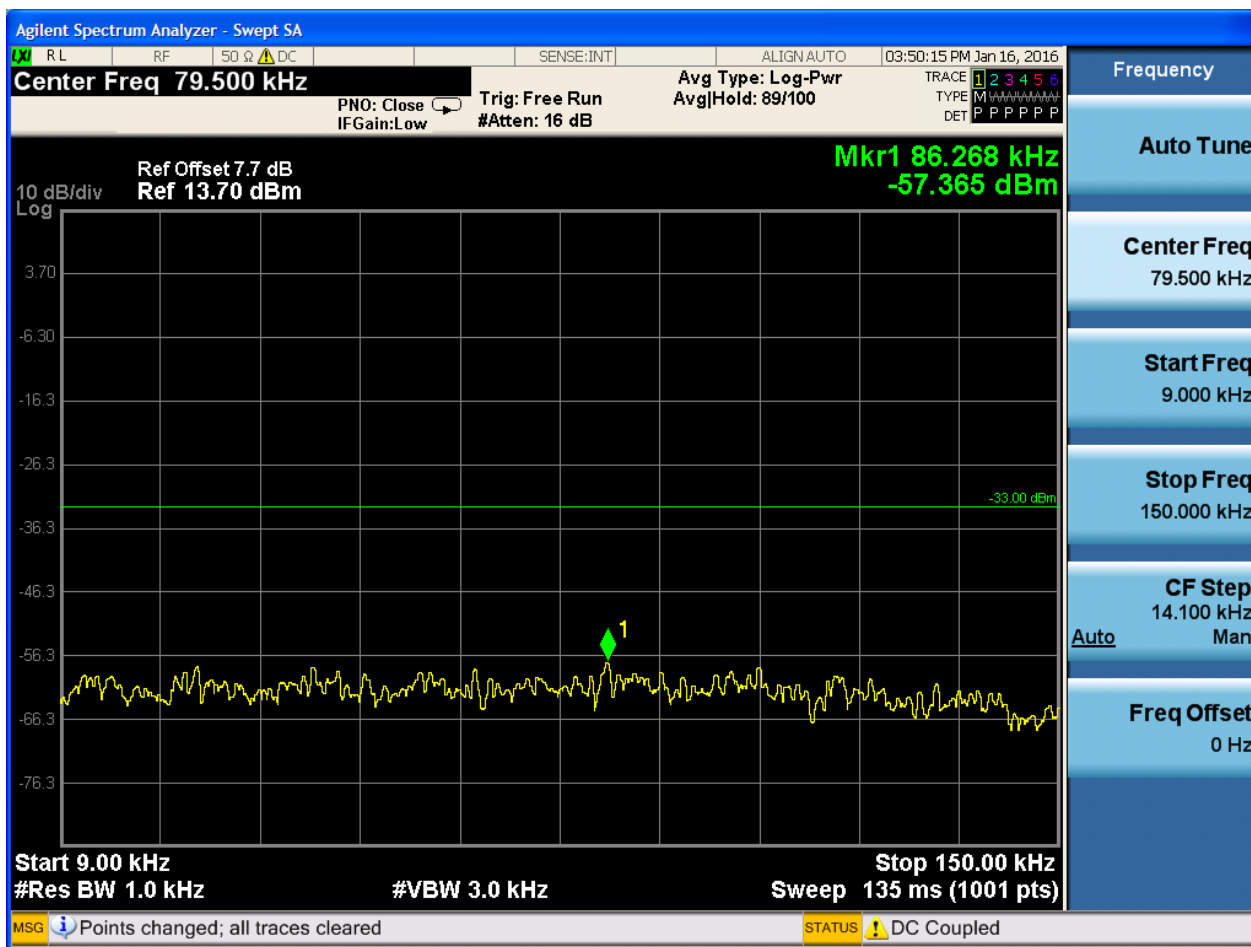


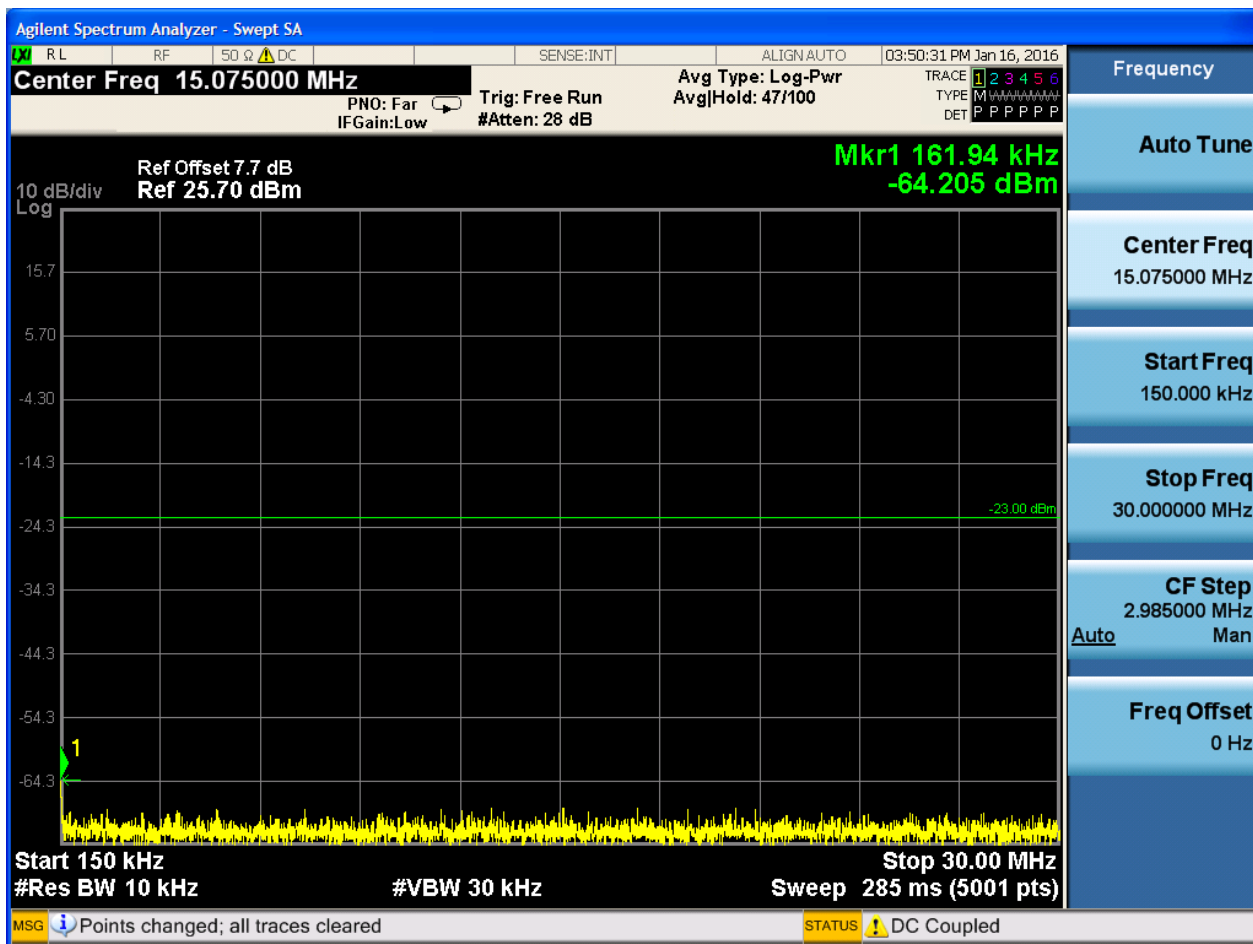
6.1.1.2 Test Mode = LTE/TM2

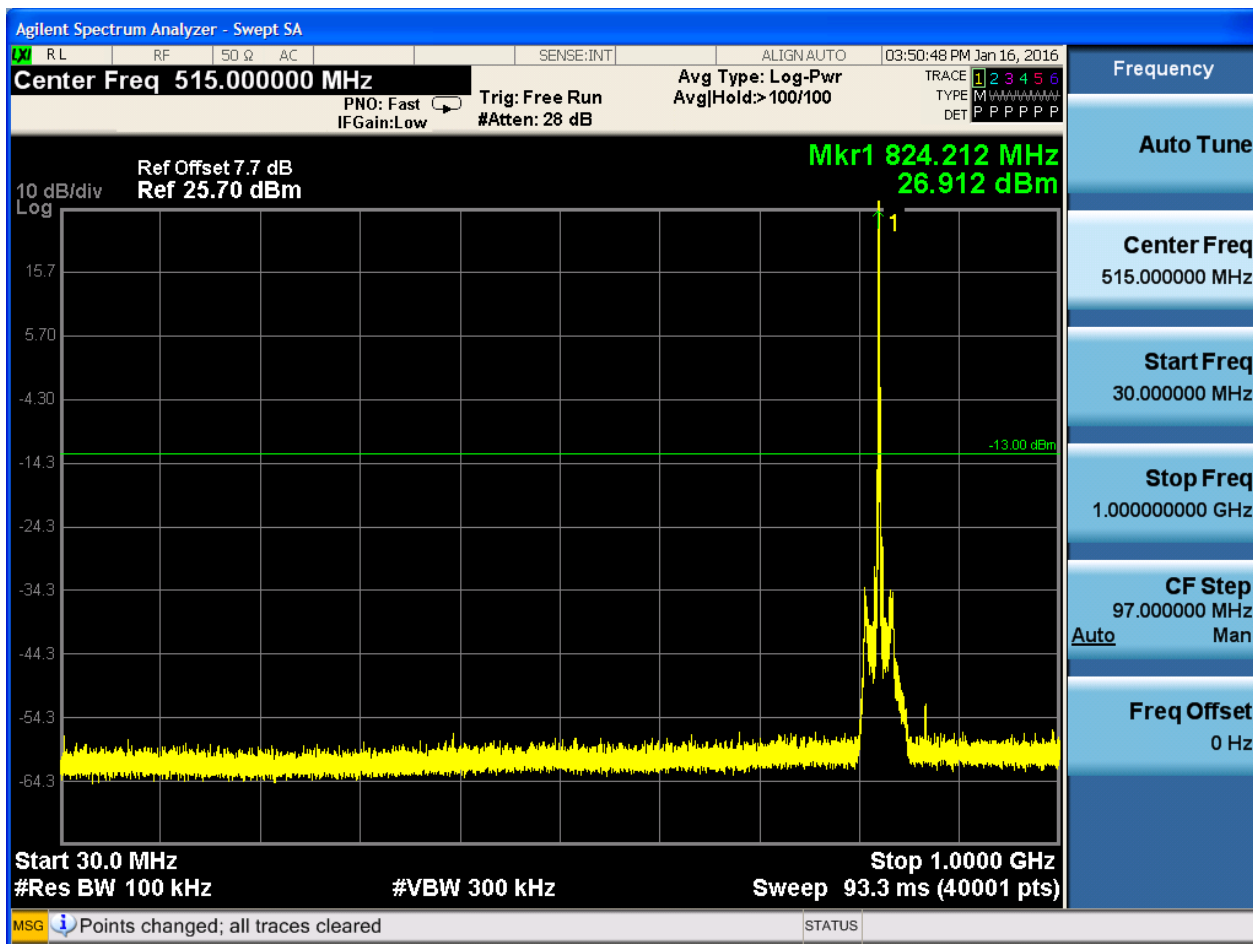
6.1.1.2.1 Test Bandwidth = 1.4

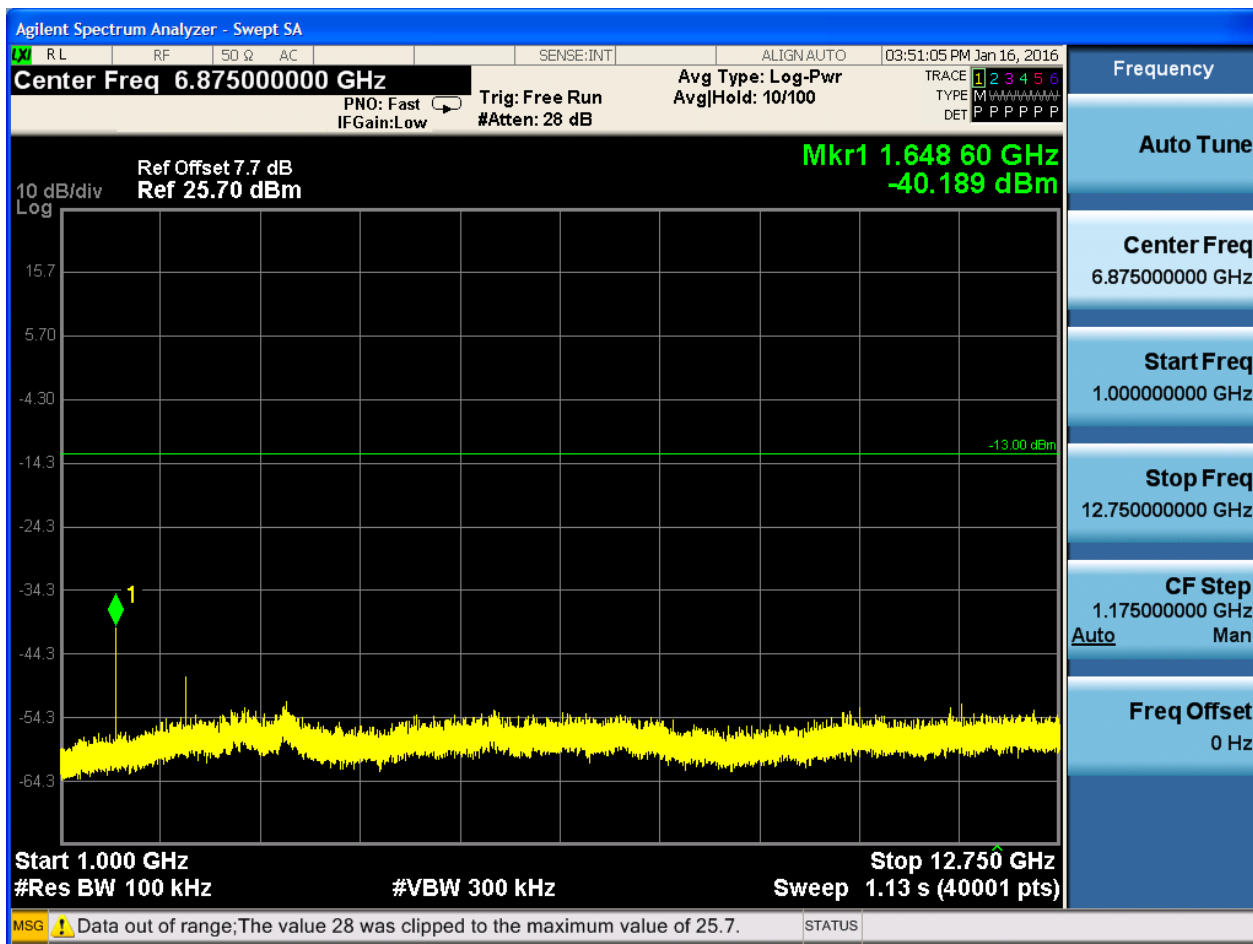
6.1.1.2.1.1 Test Channel = LCH

6.1.1.2.1.1.1 Test RB = RB1#0



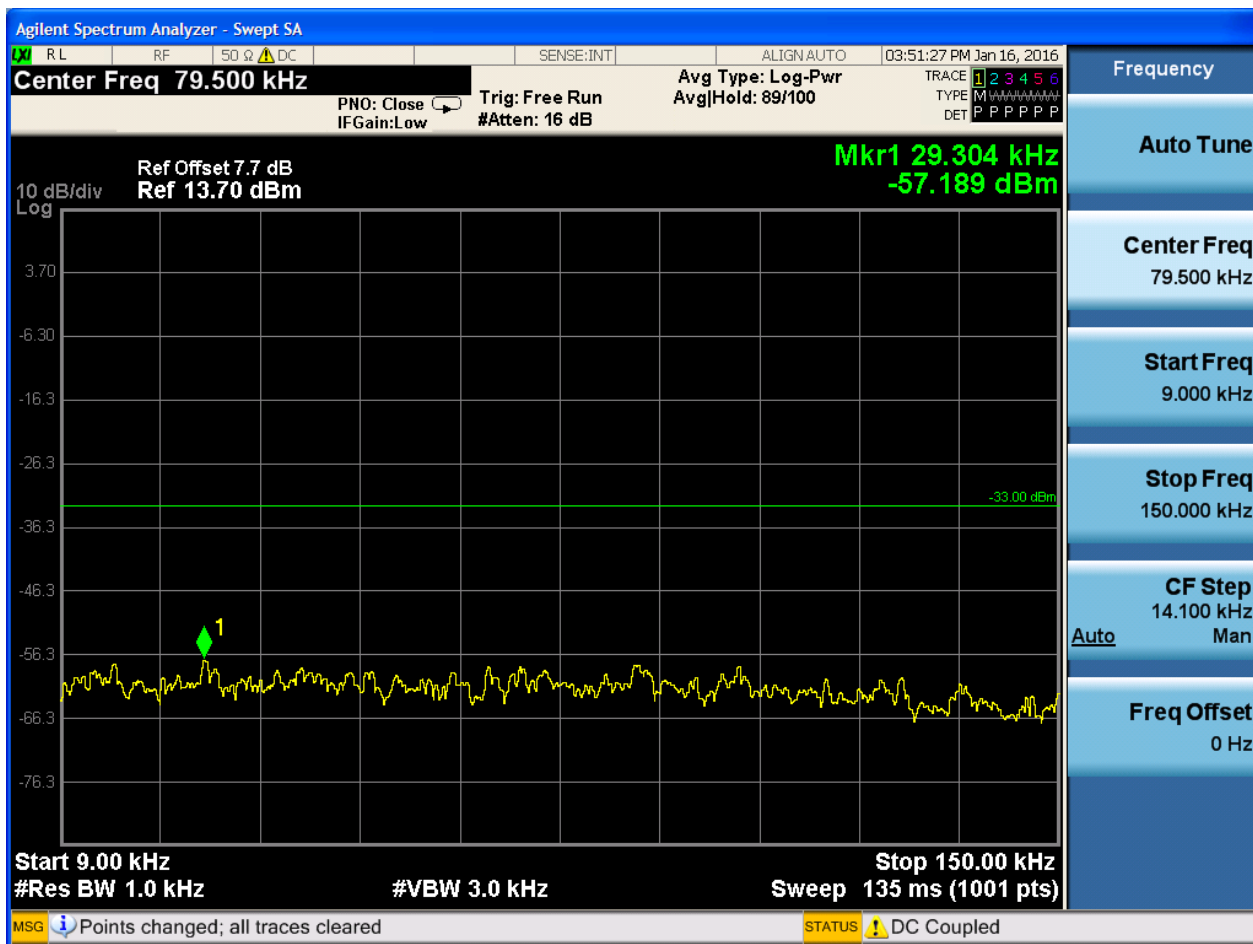




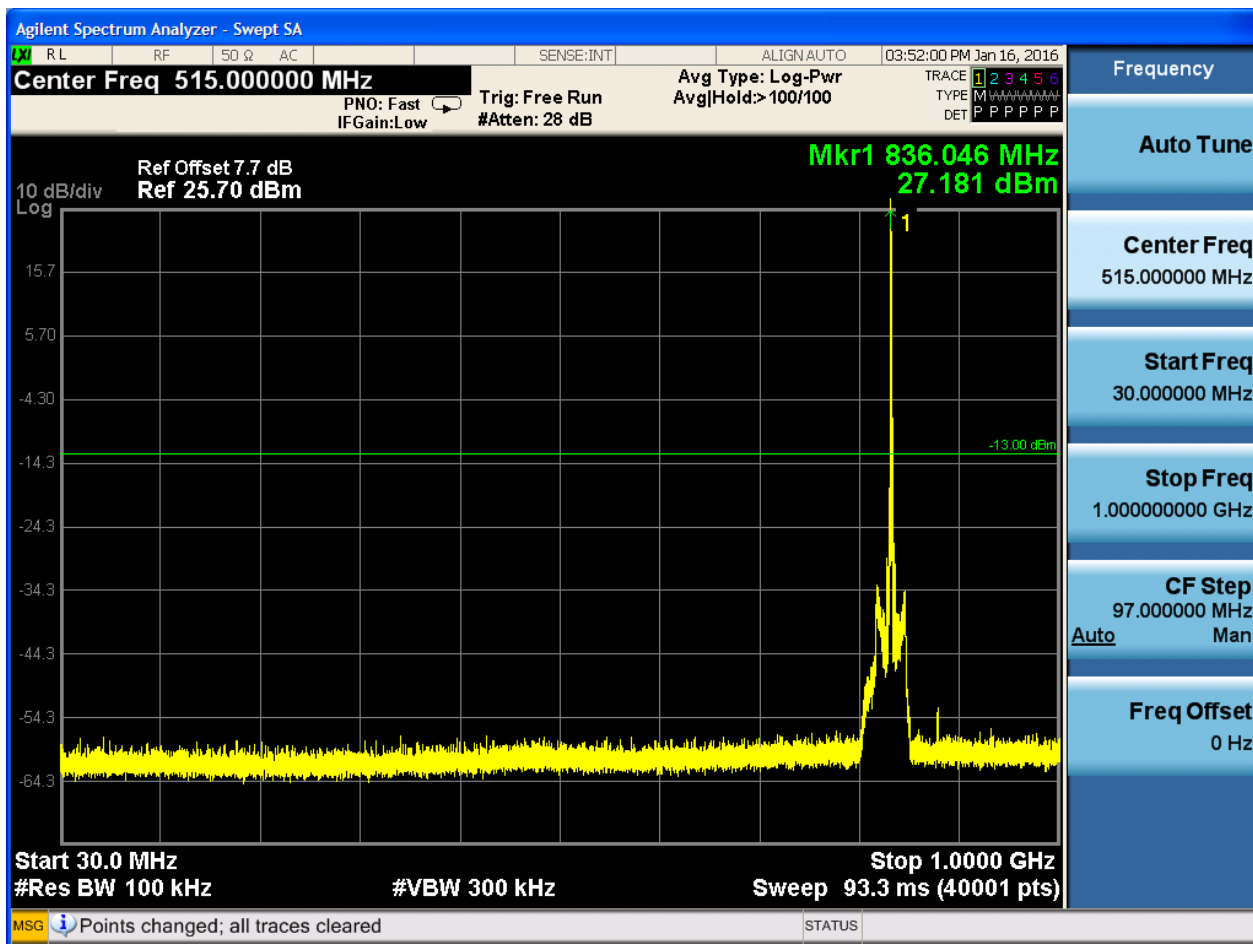


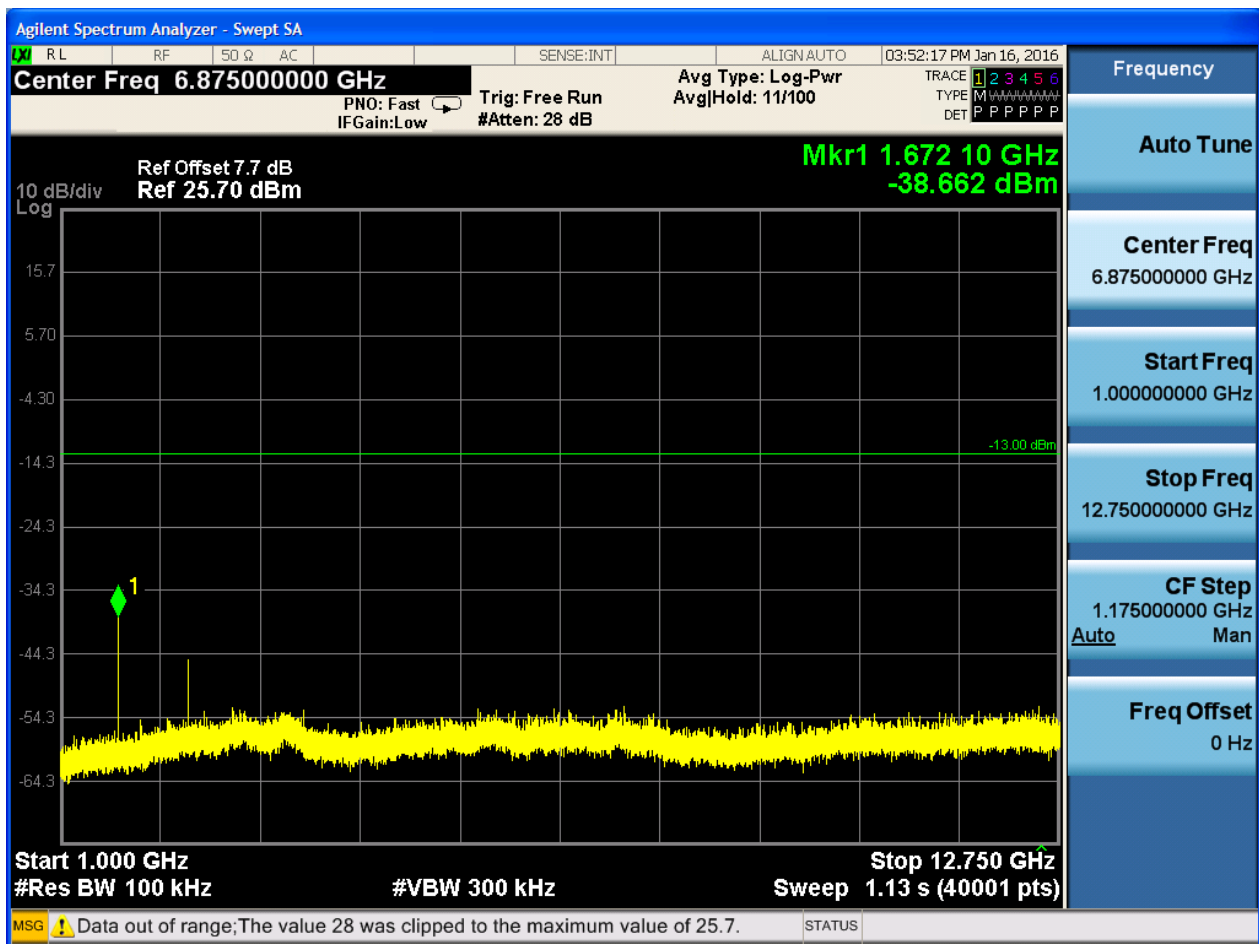
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



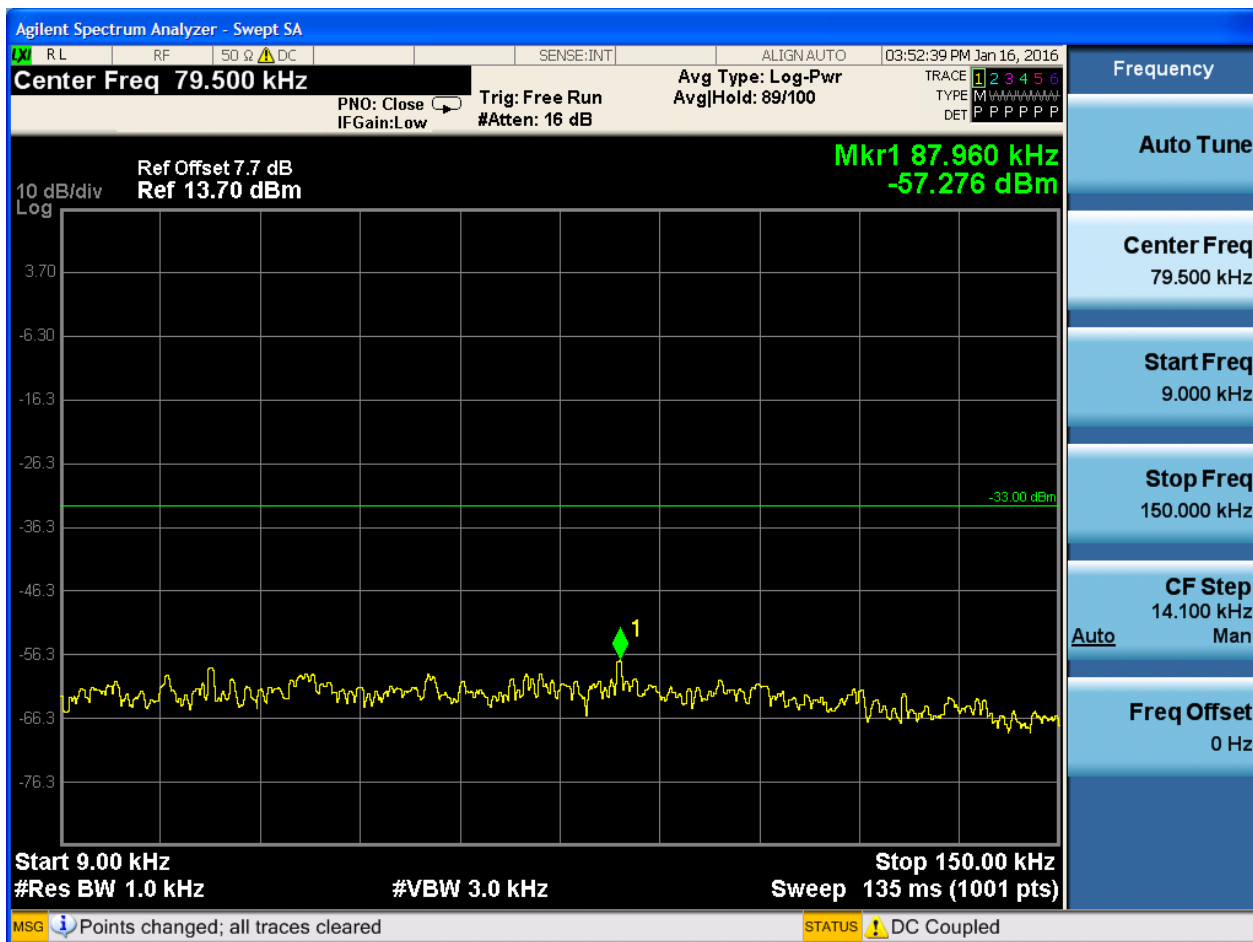


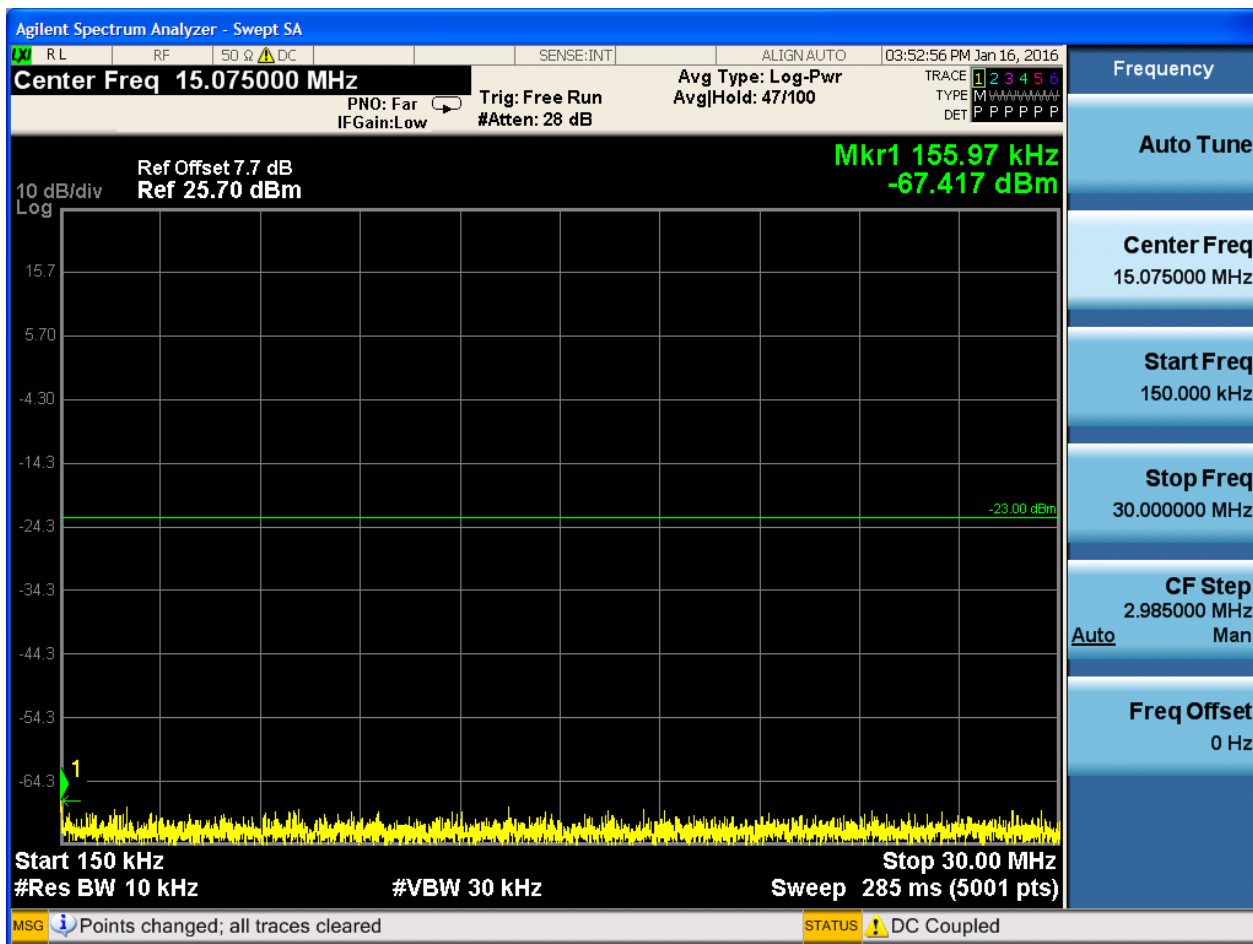


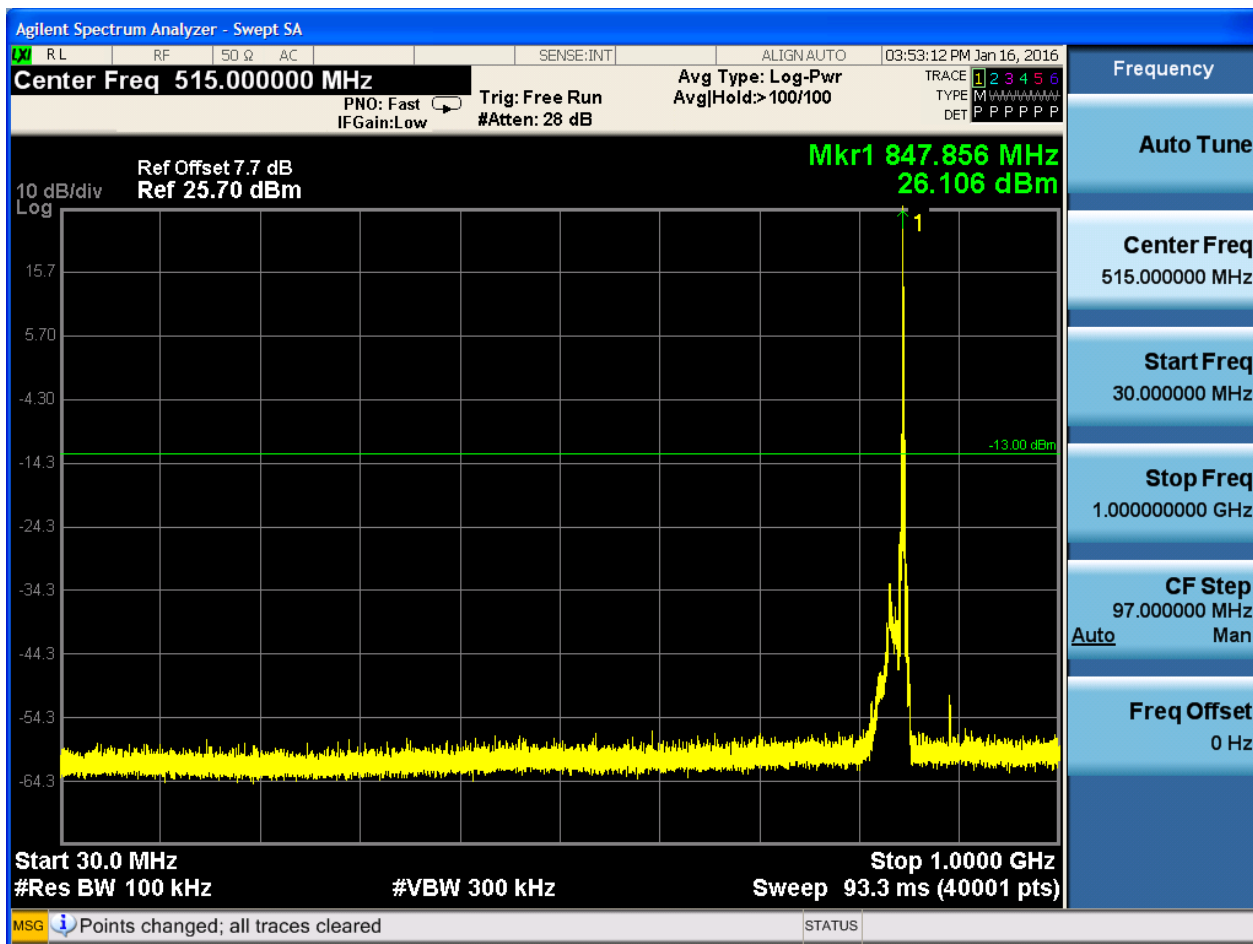


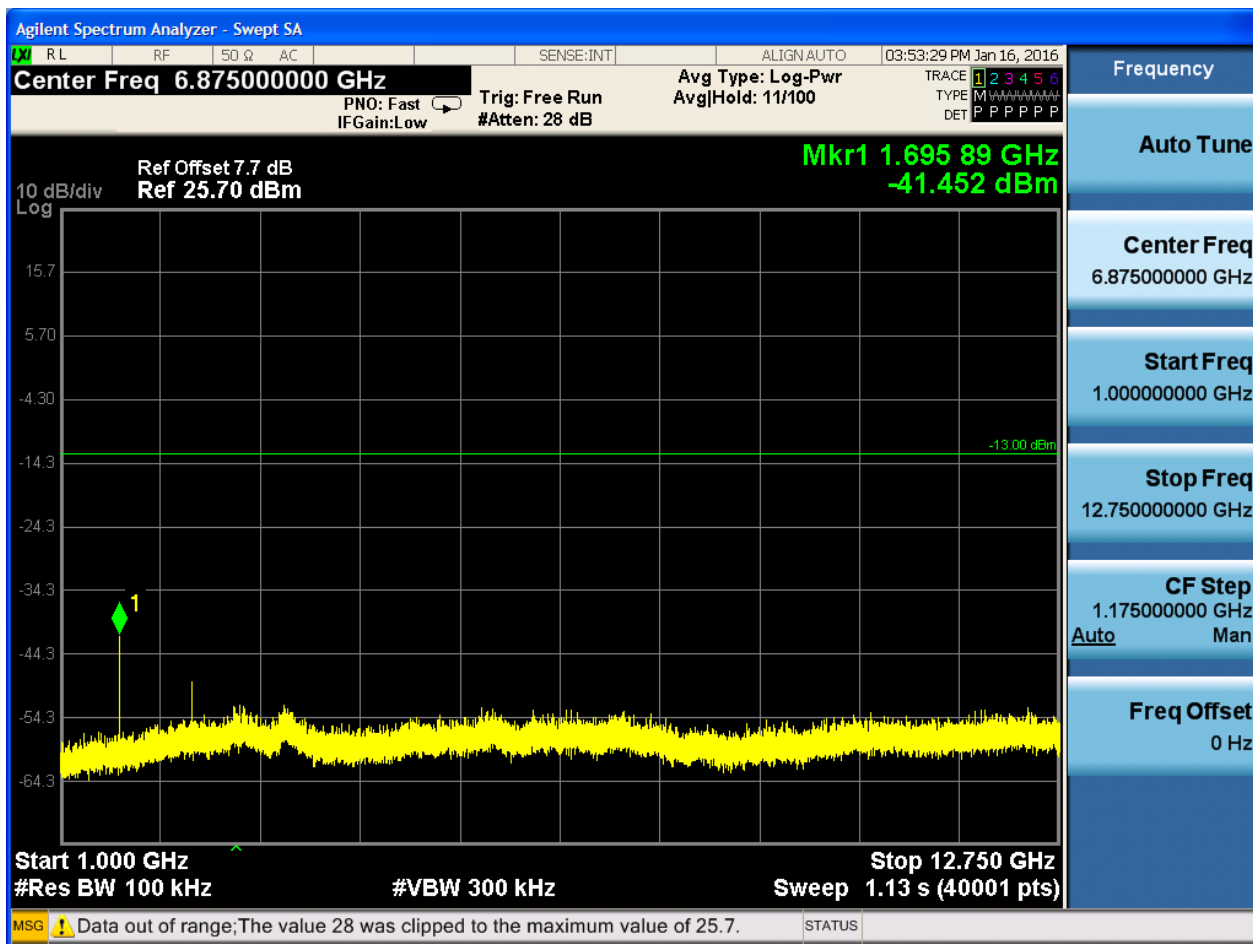
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







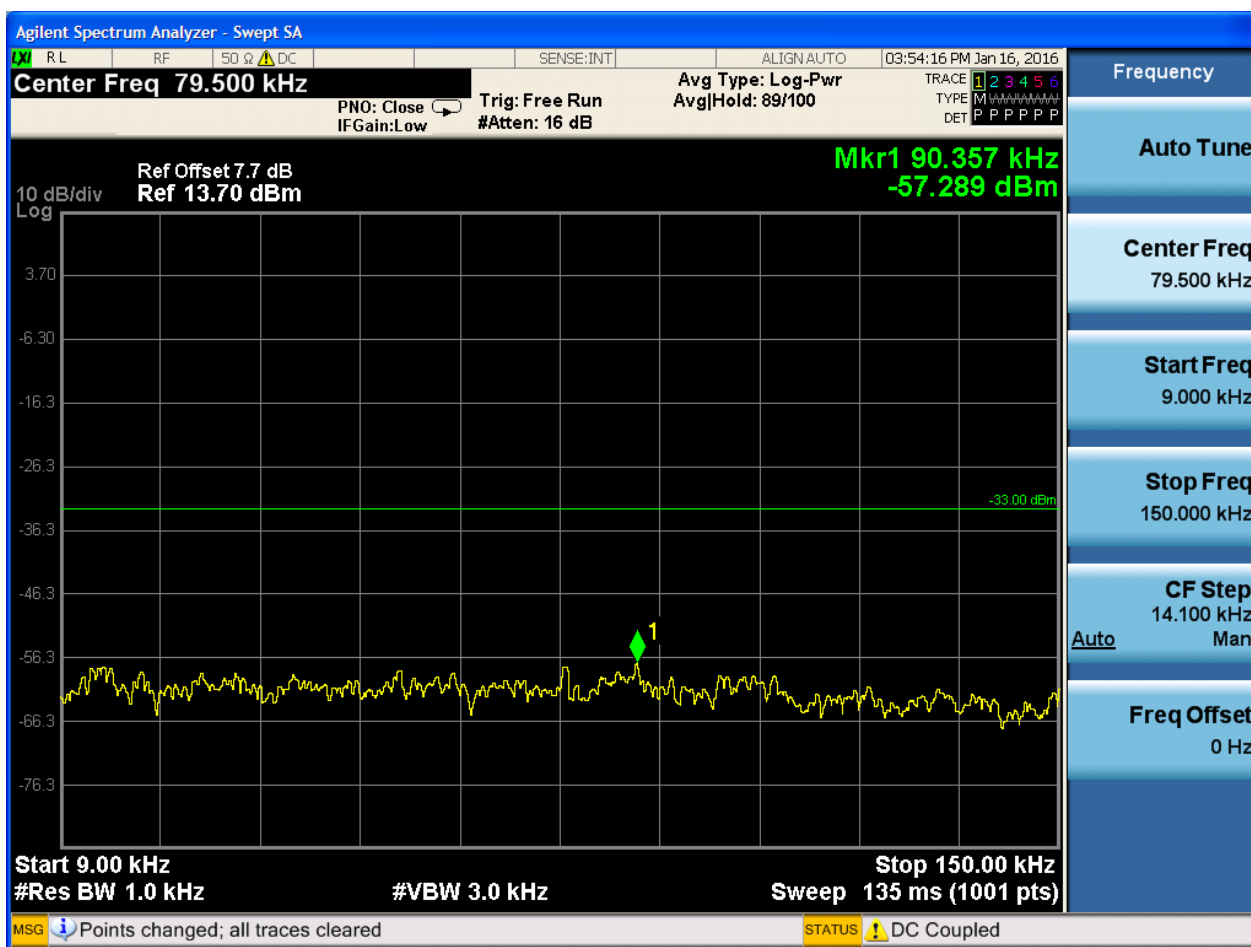


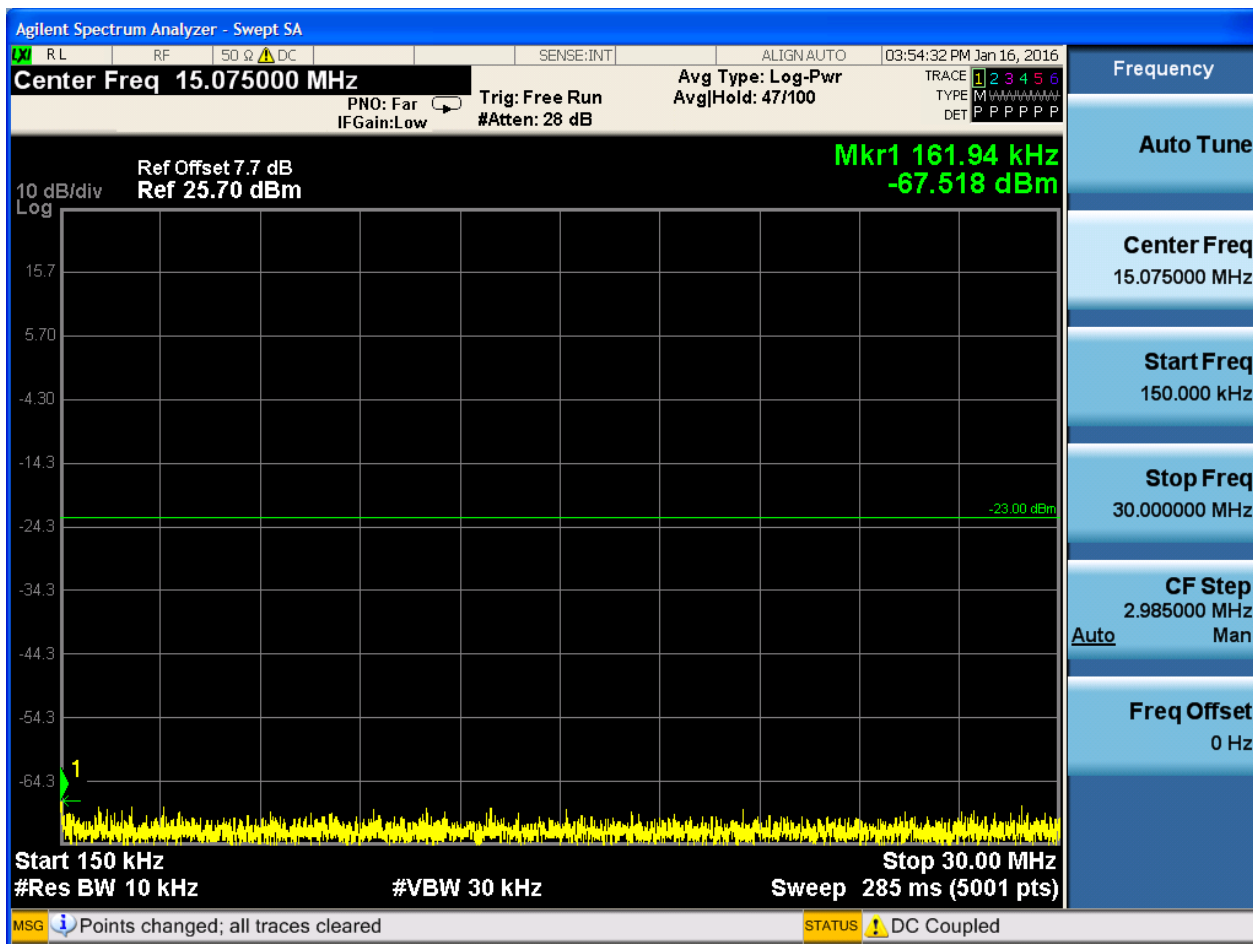


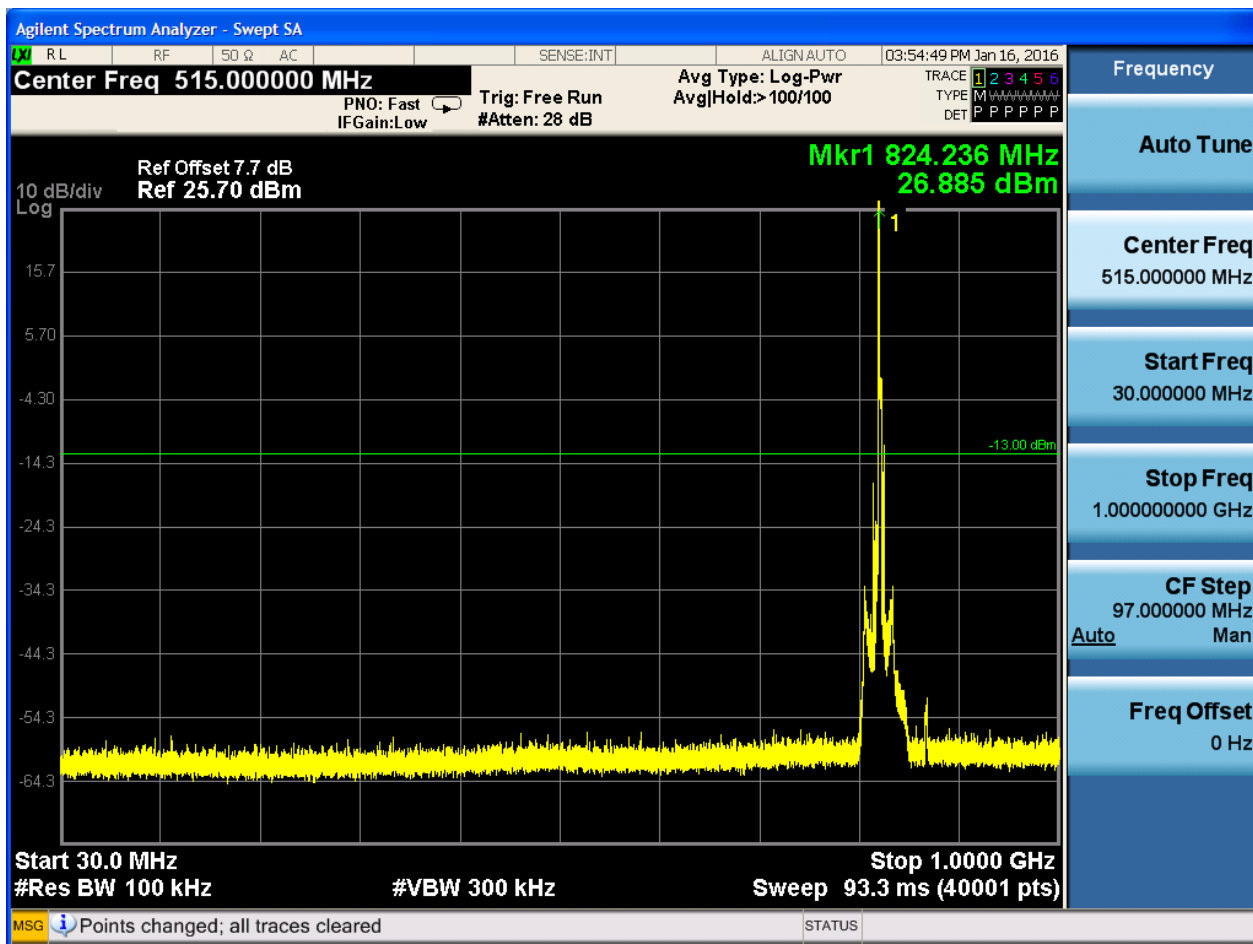
6.1.1.2.2 Test Bandwidth = 3

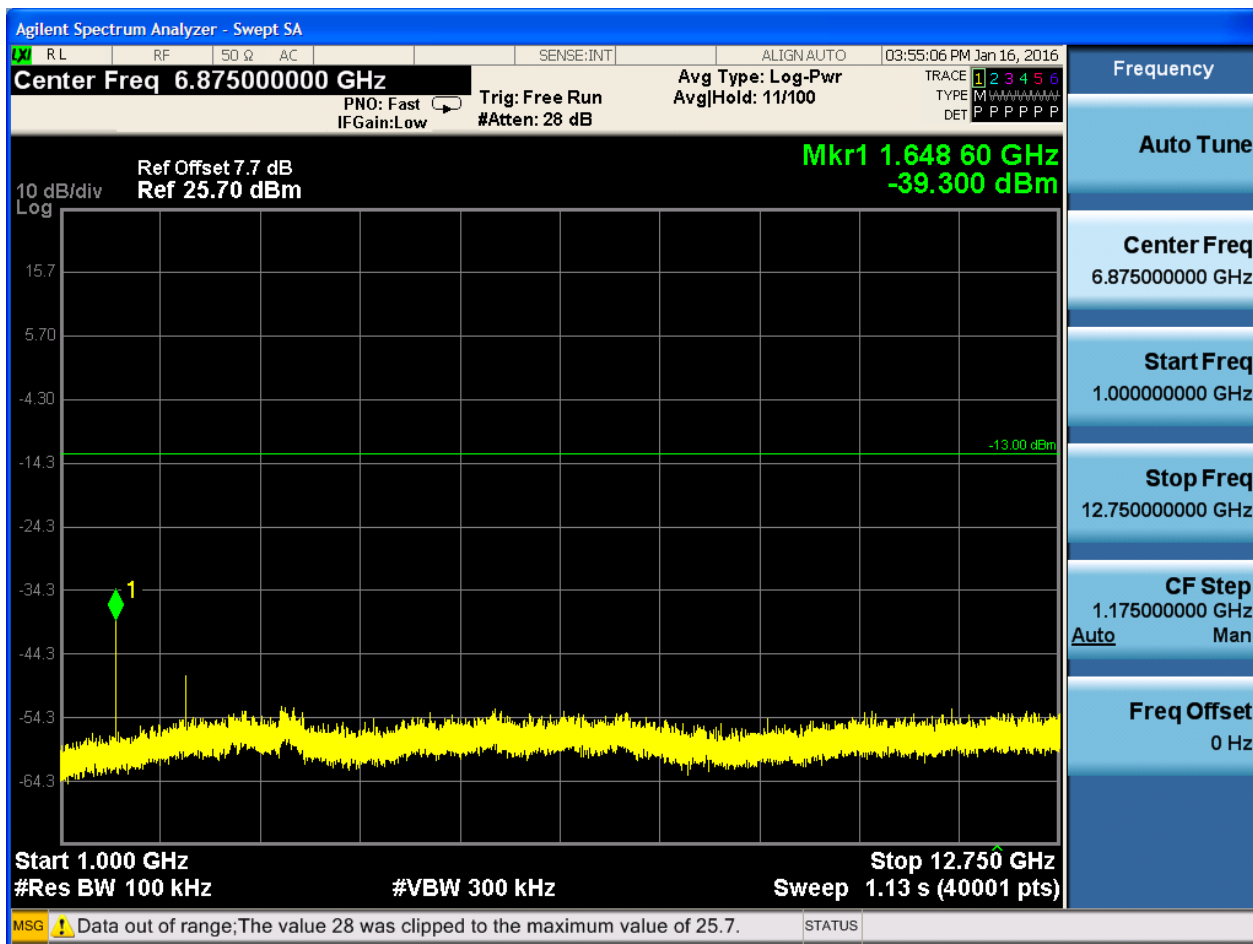
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





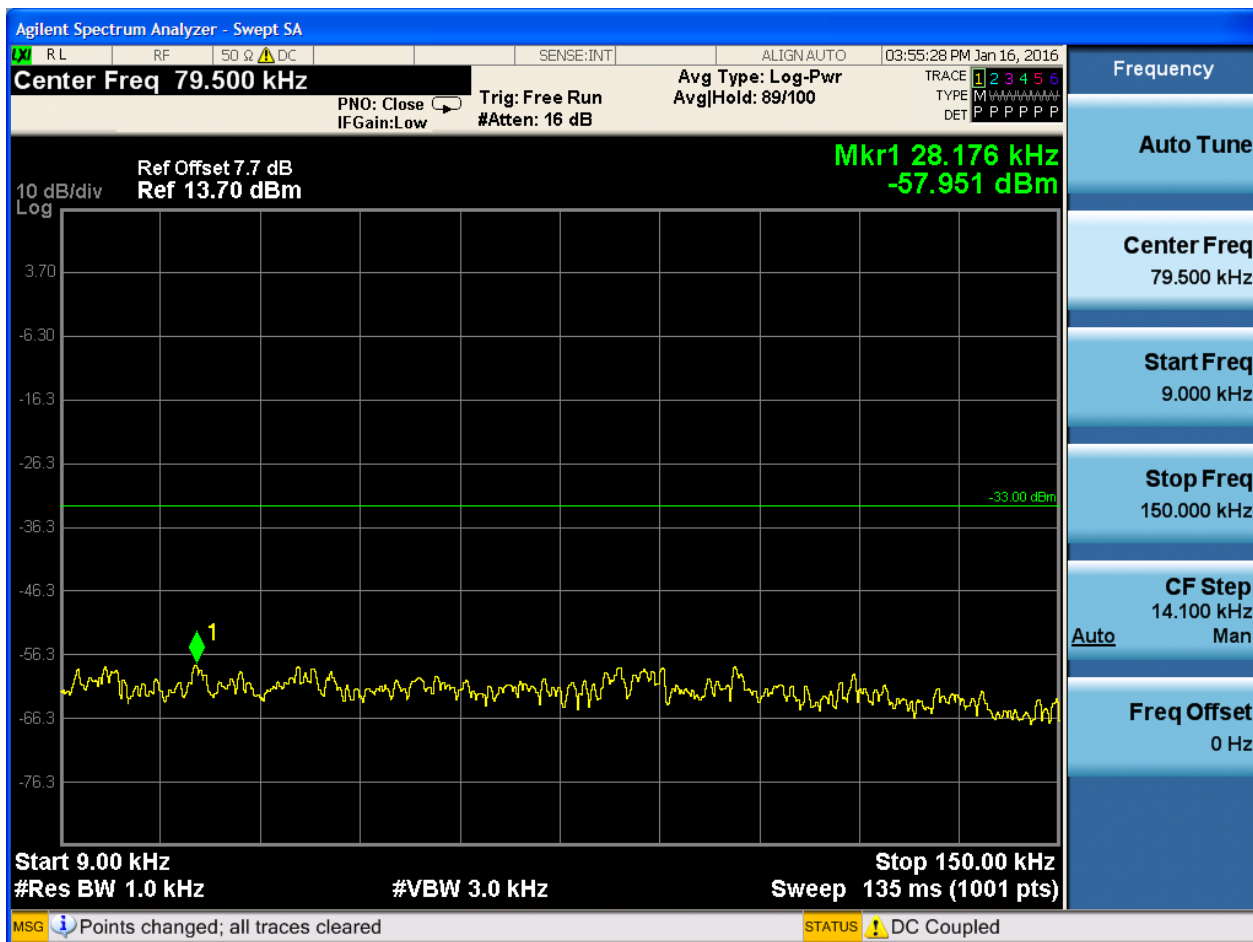




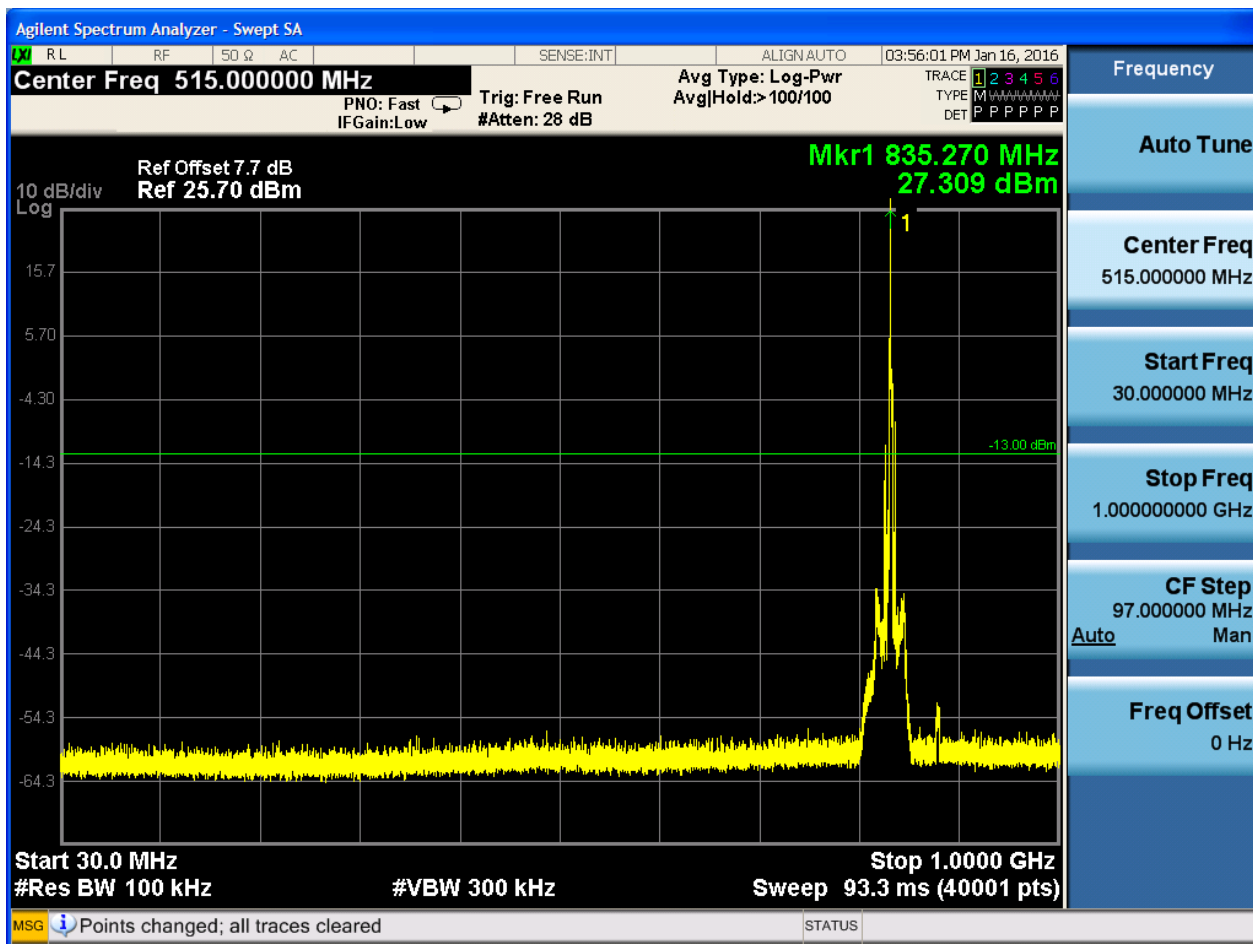


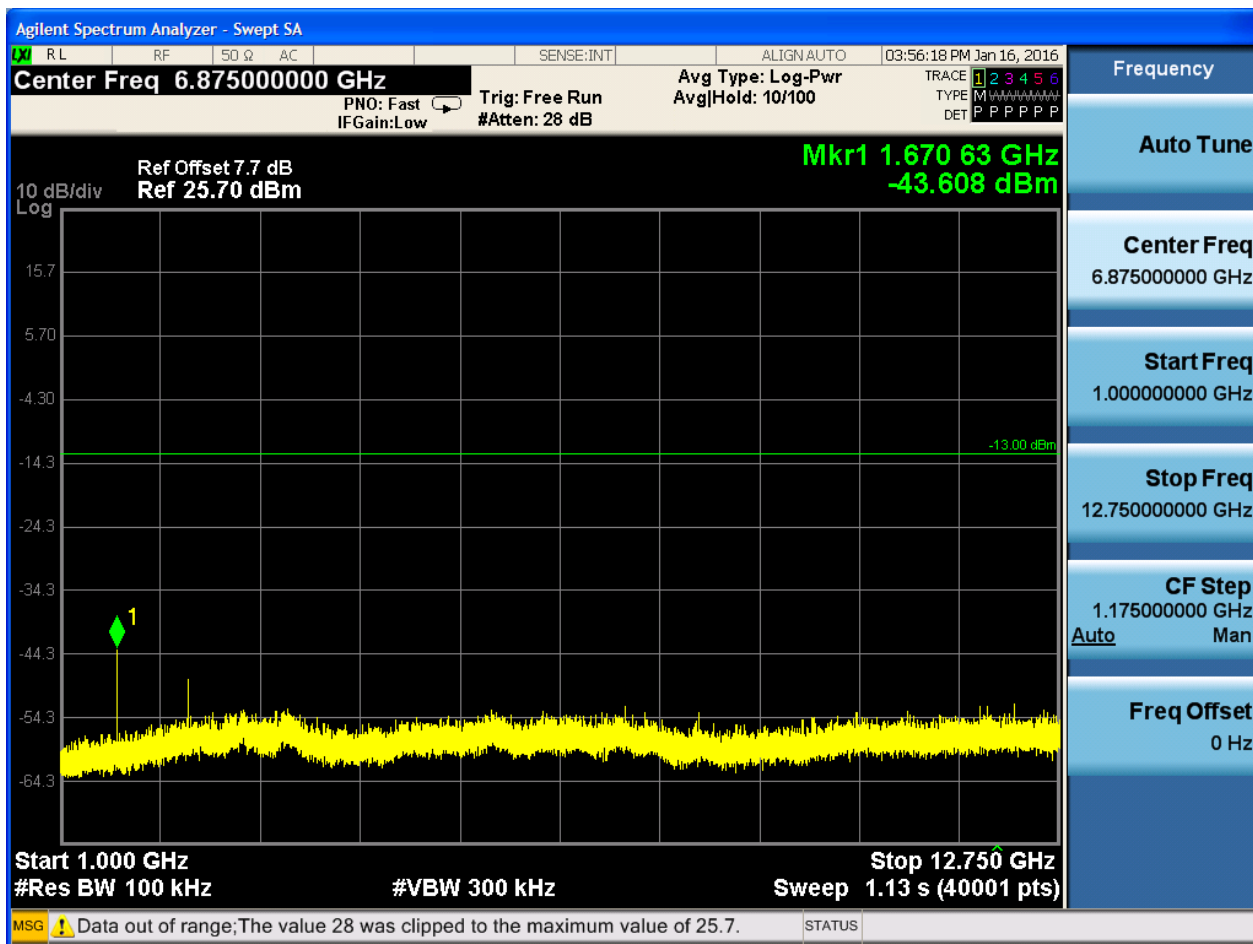
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0



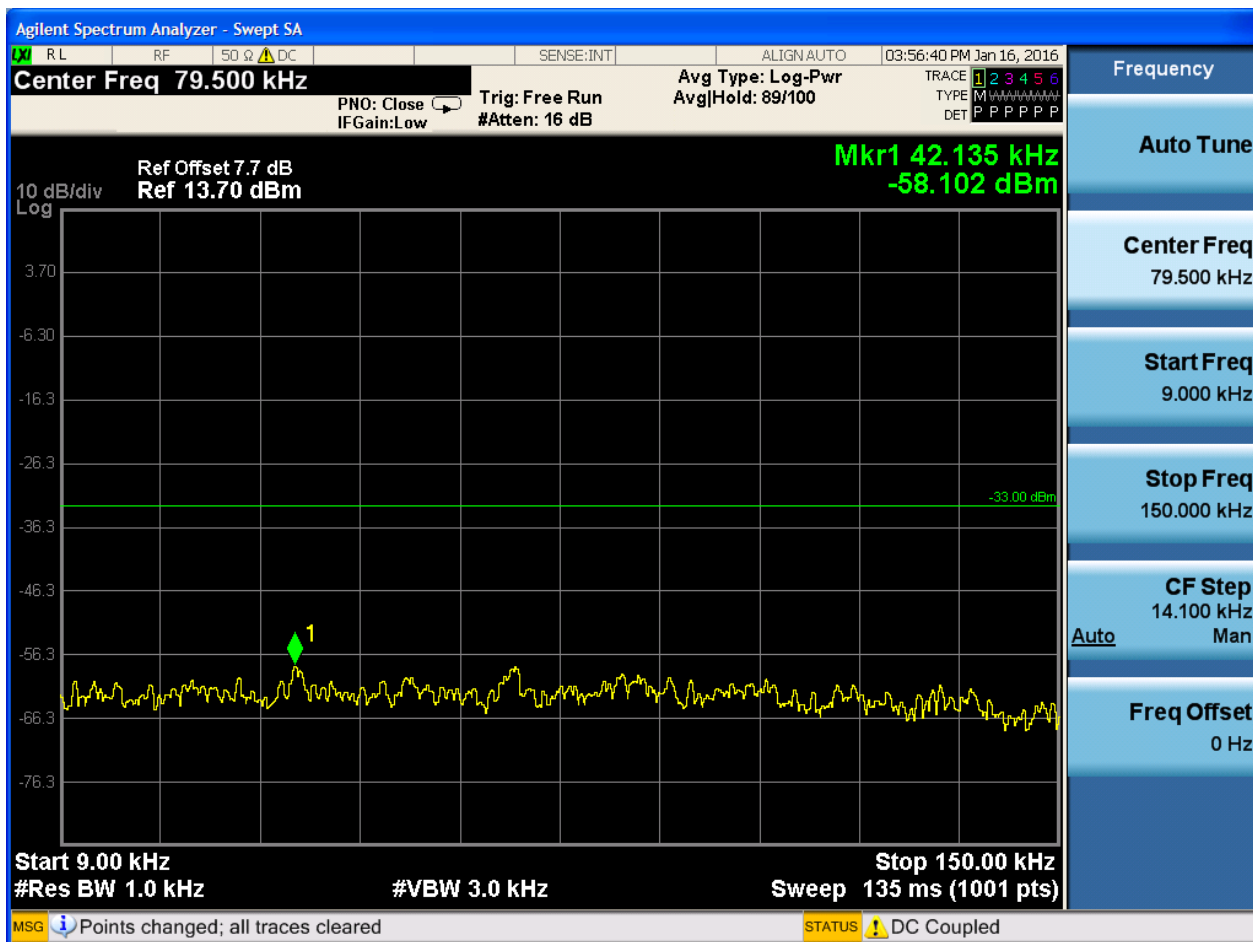


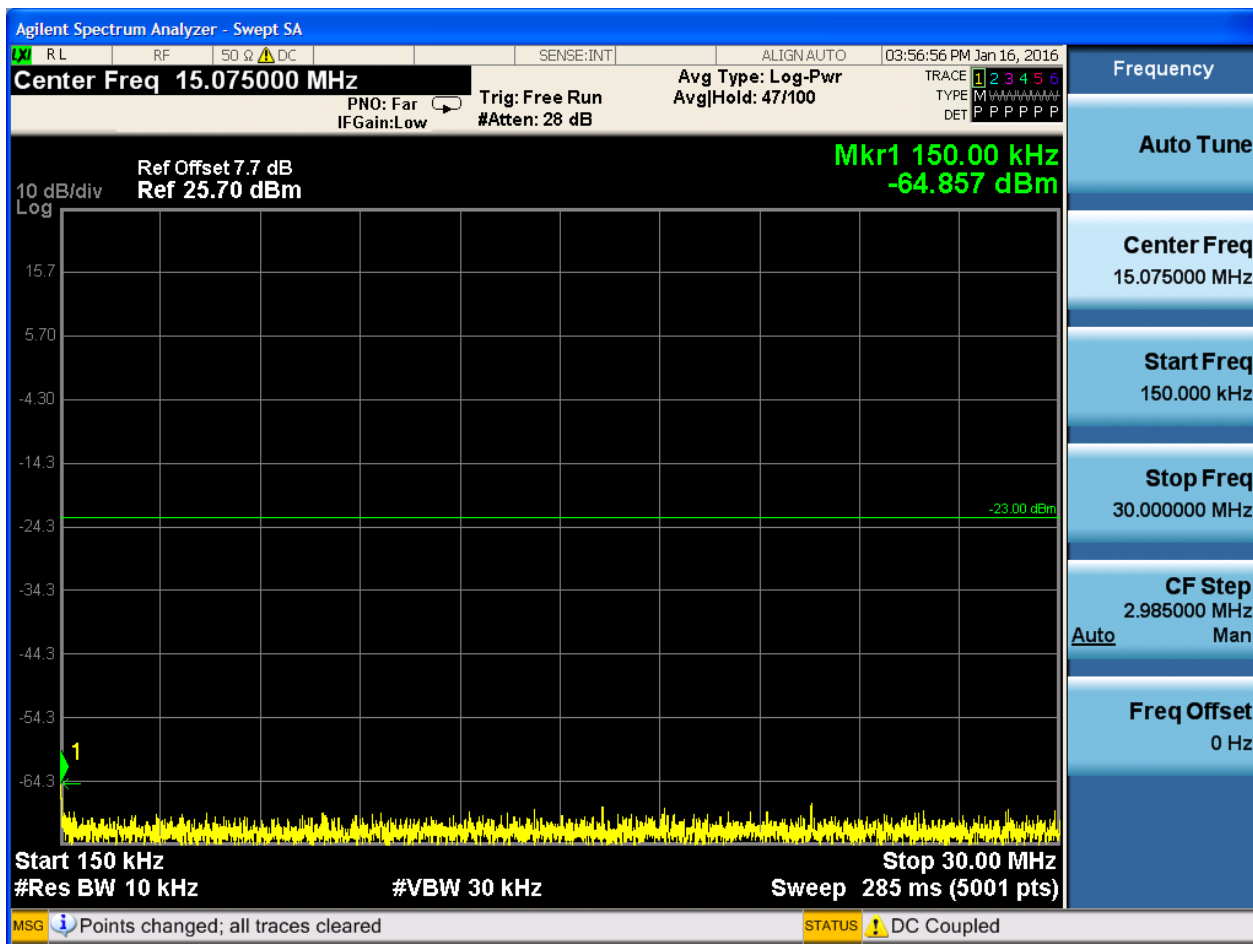


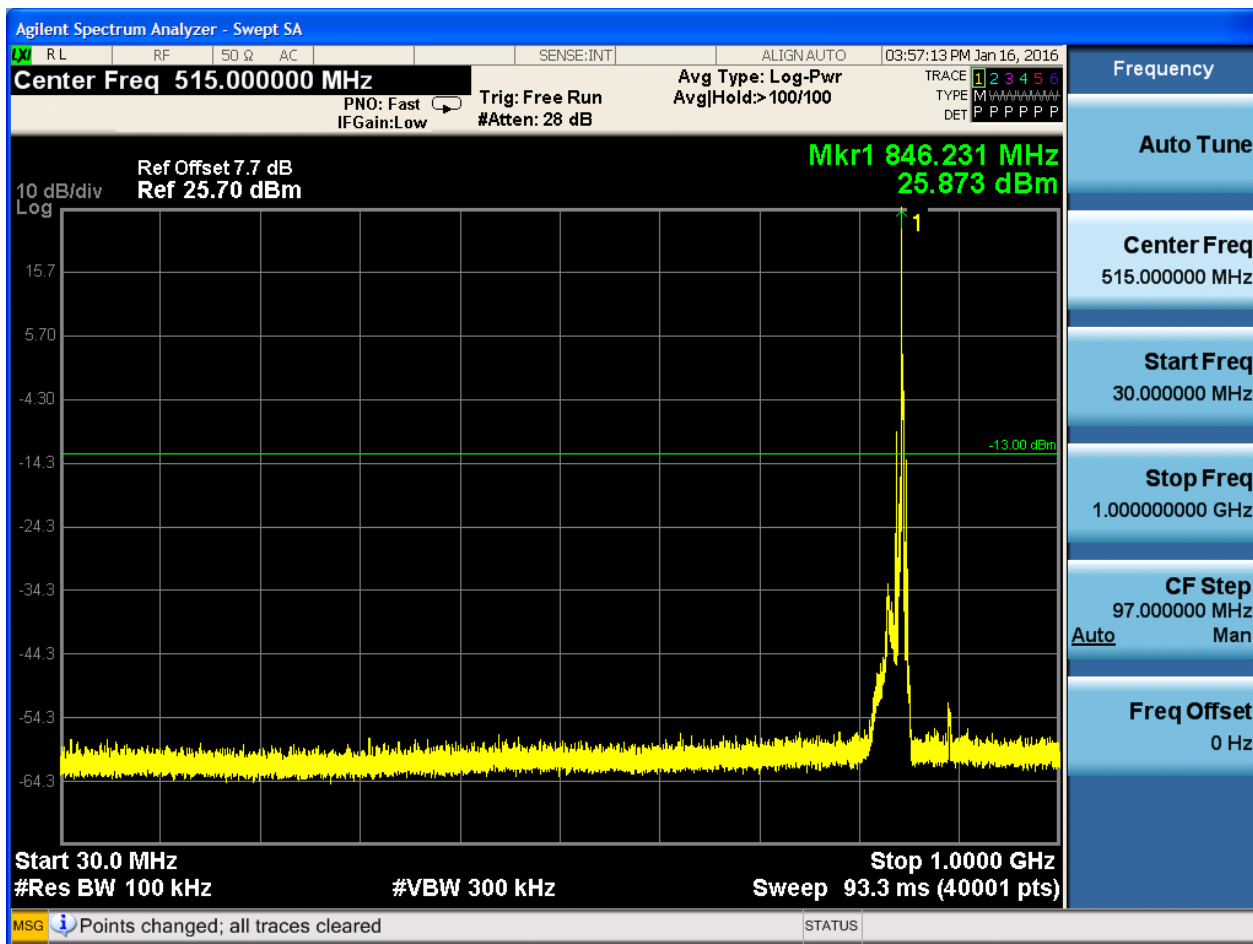


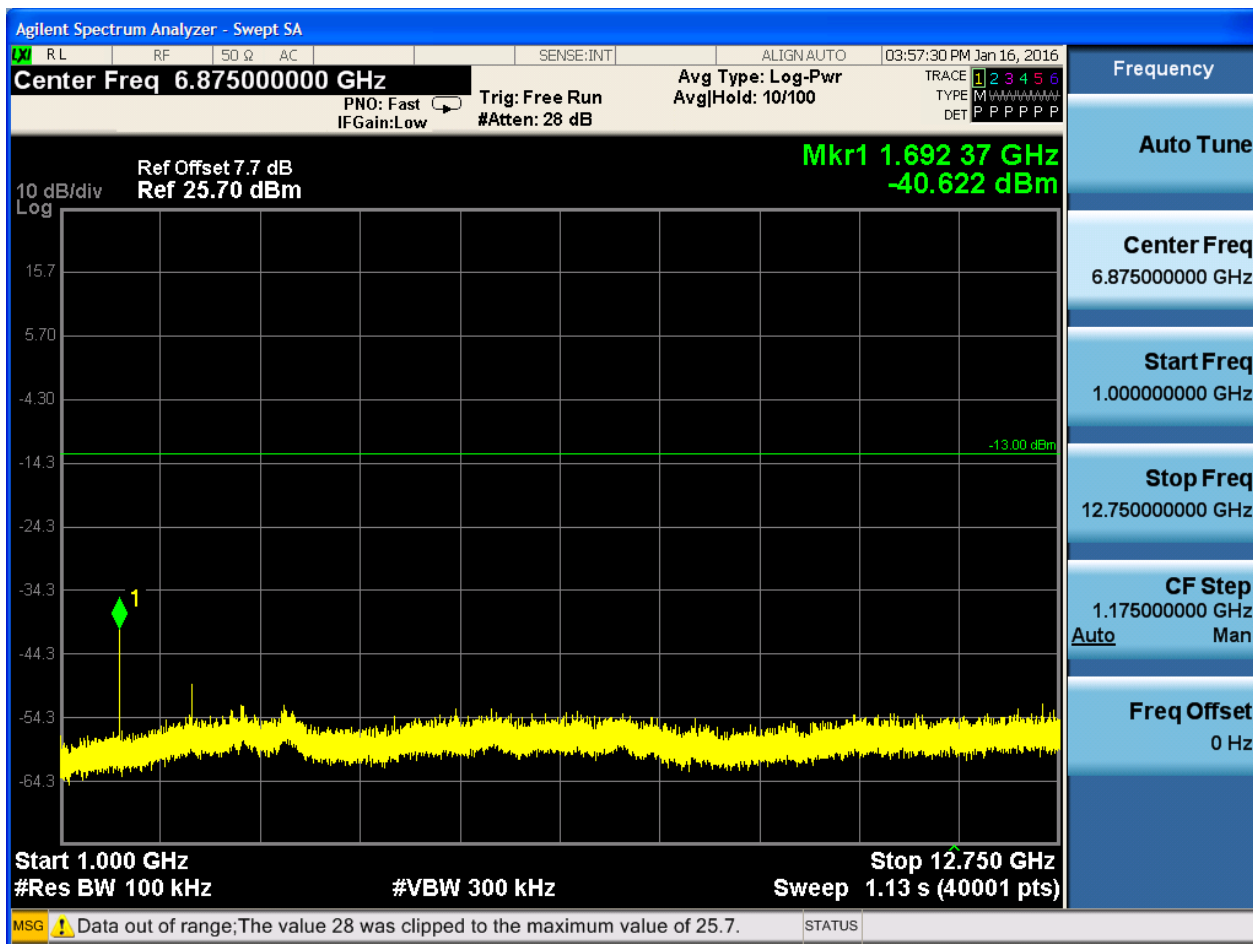
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





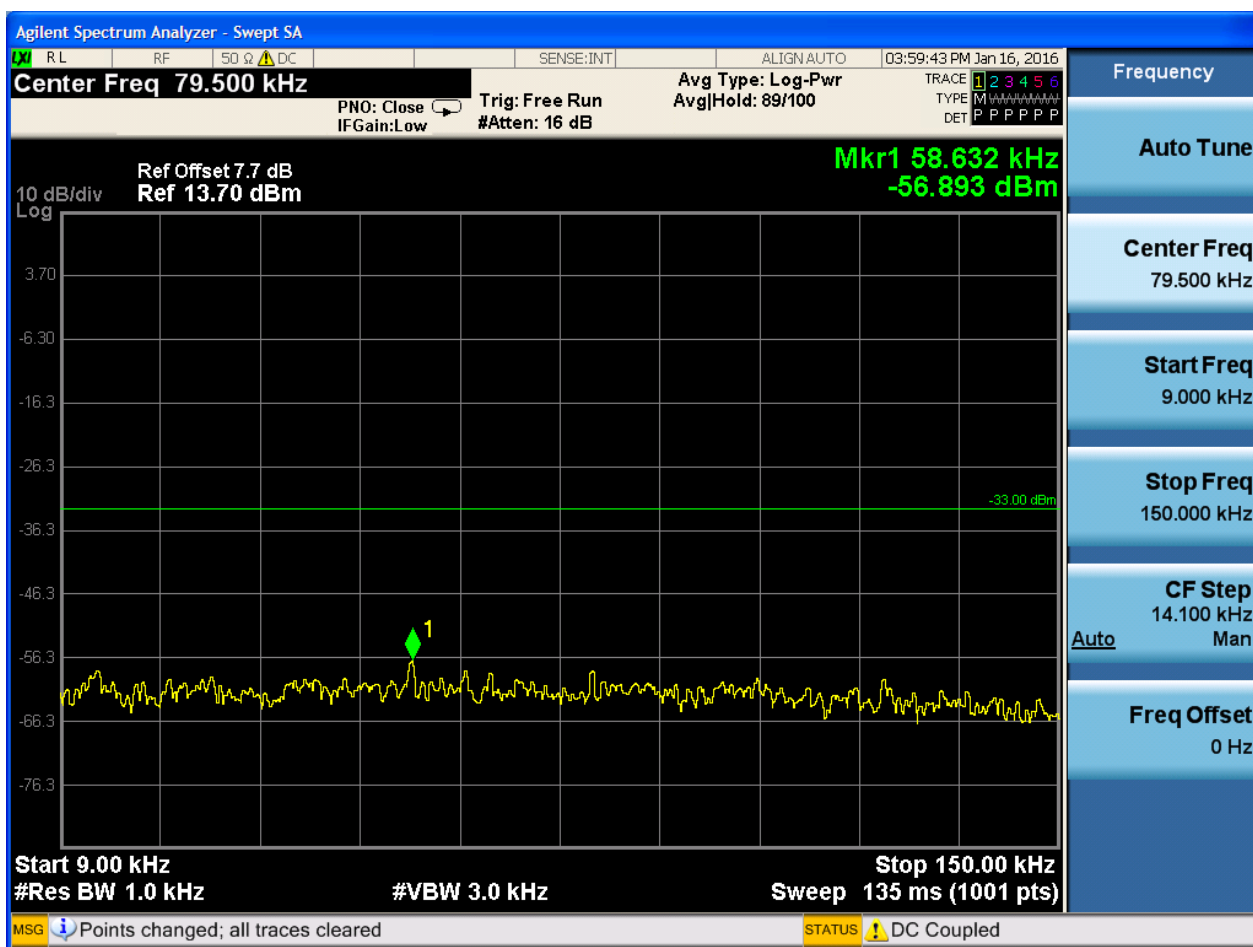




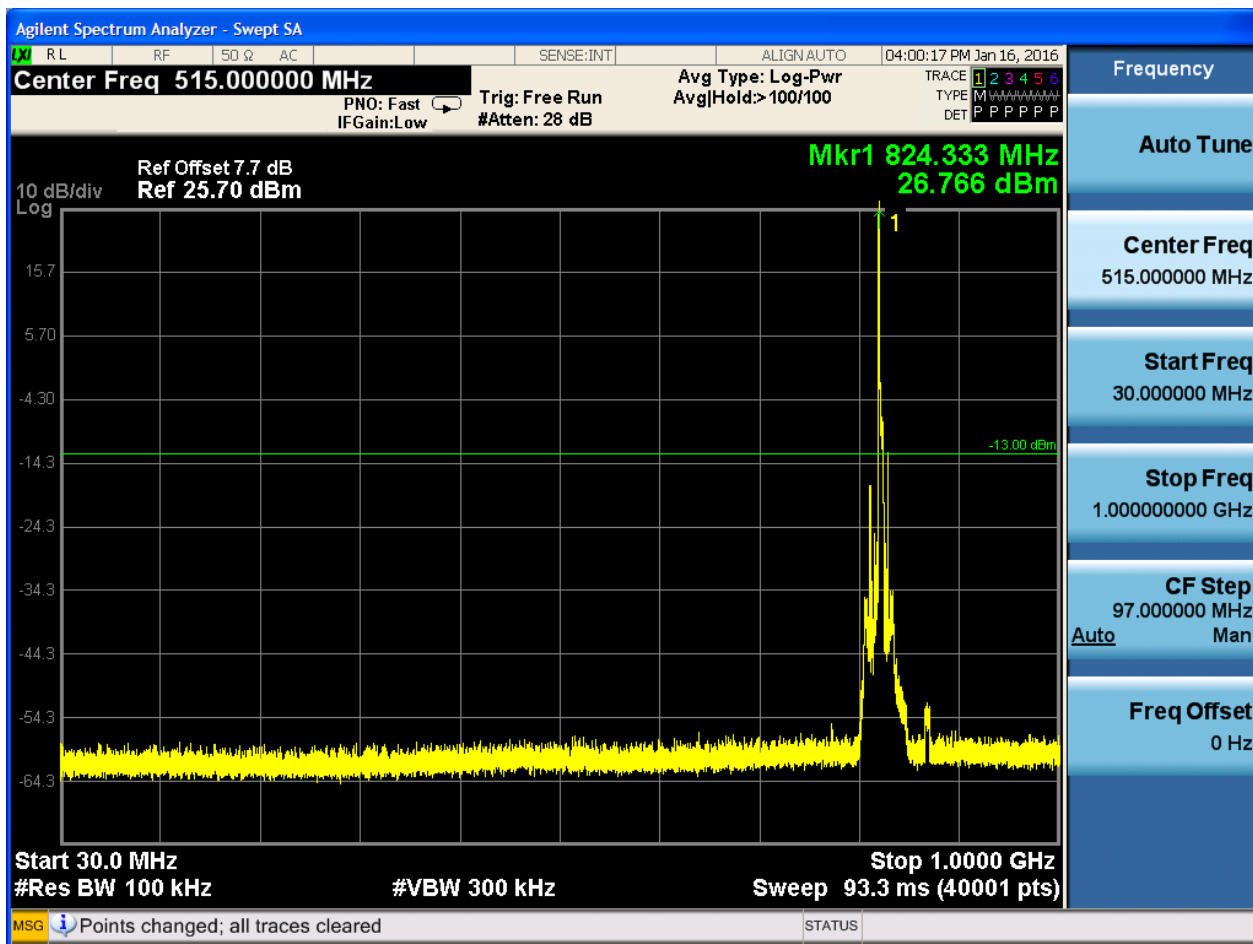
6.1.1.2.3 Test Bandwidth = 5

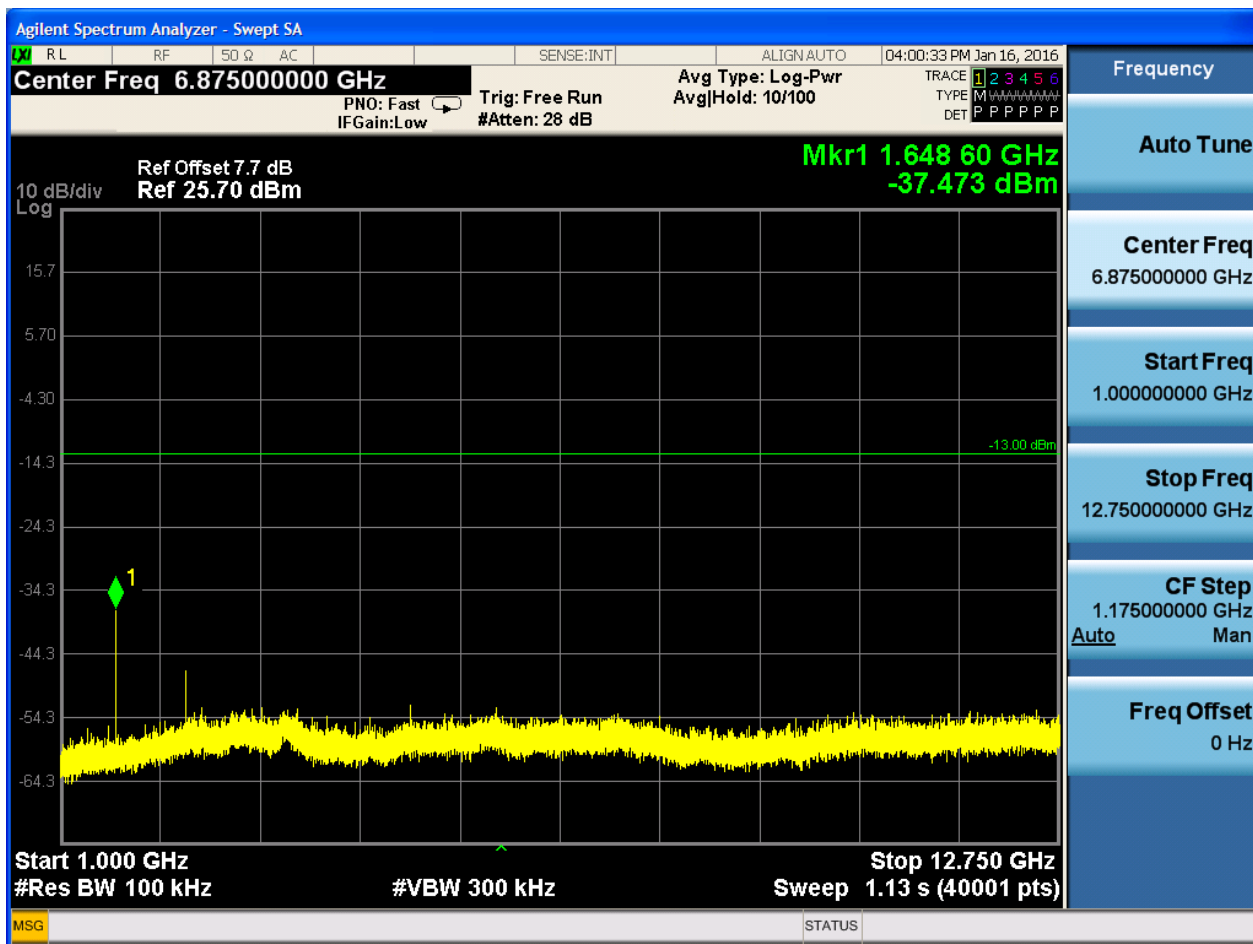
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



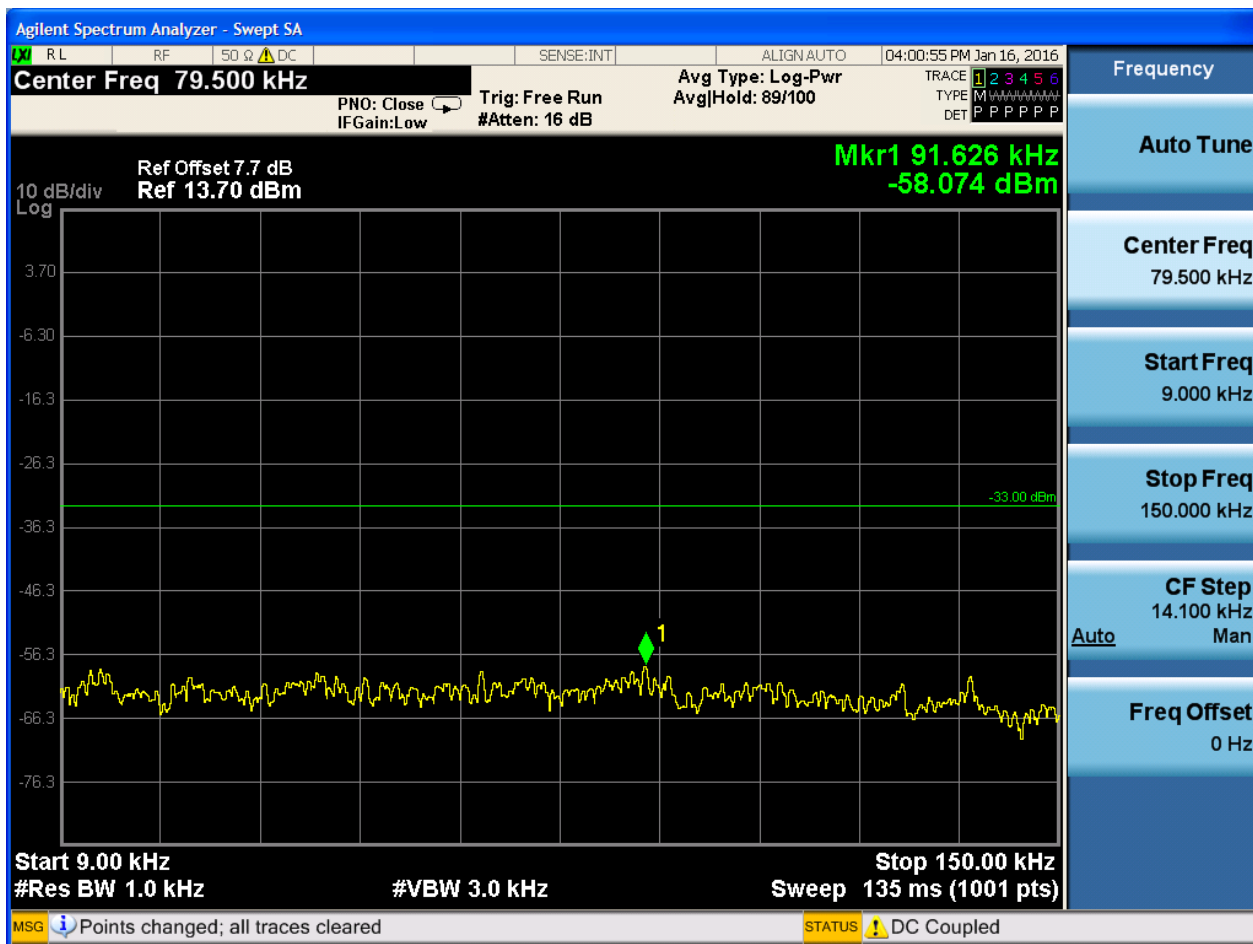


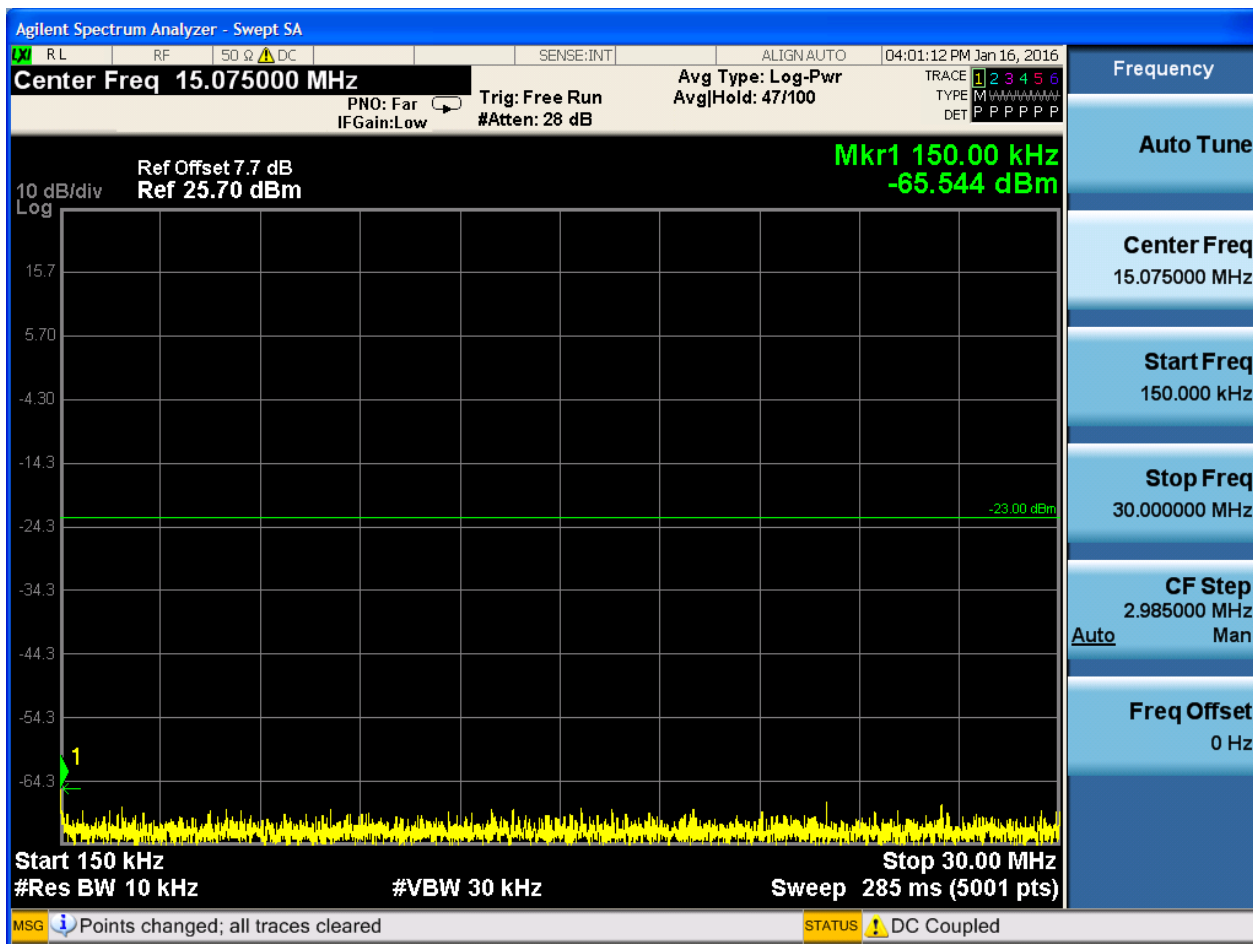


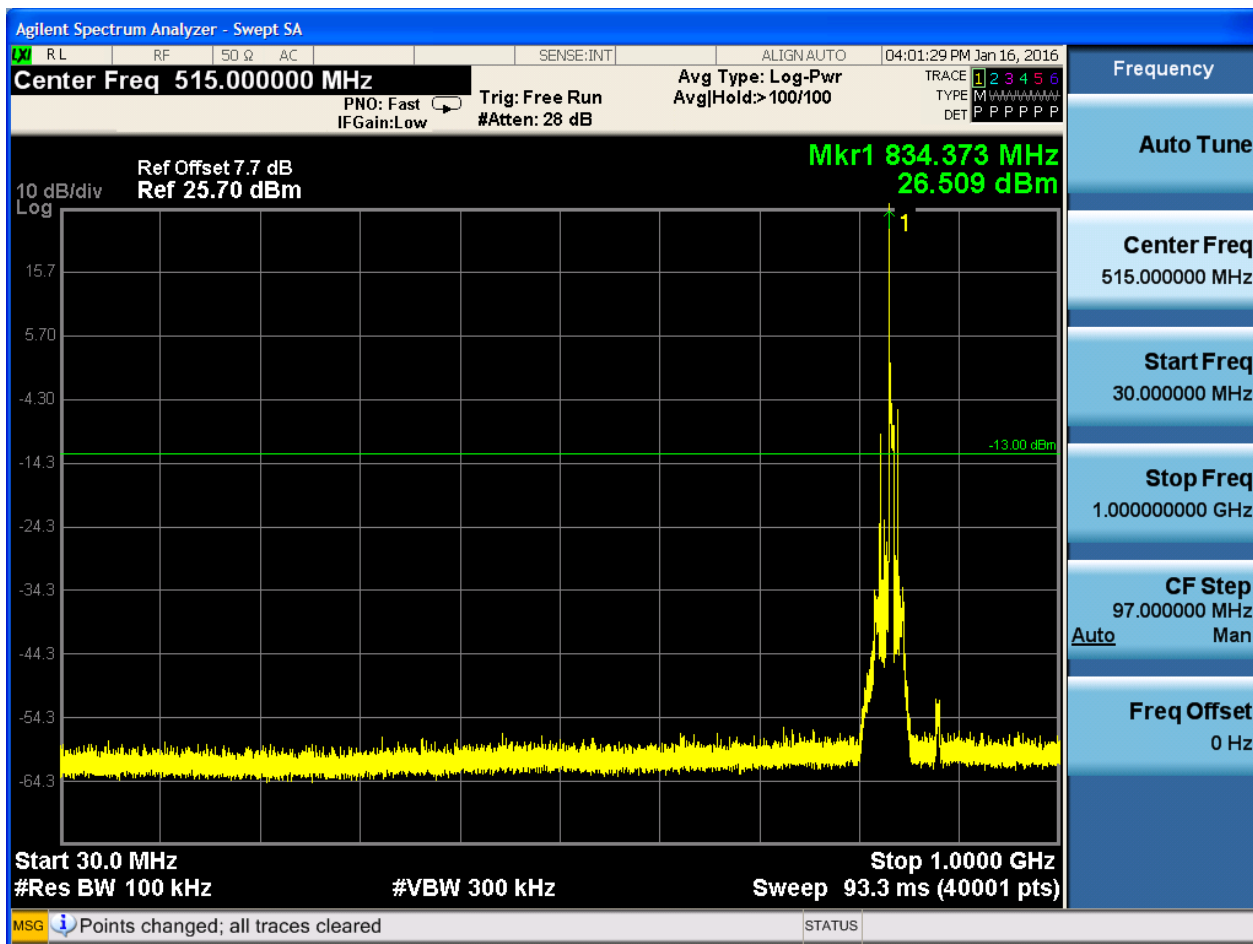


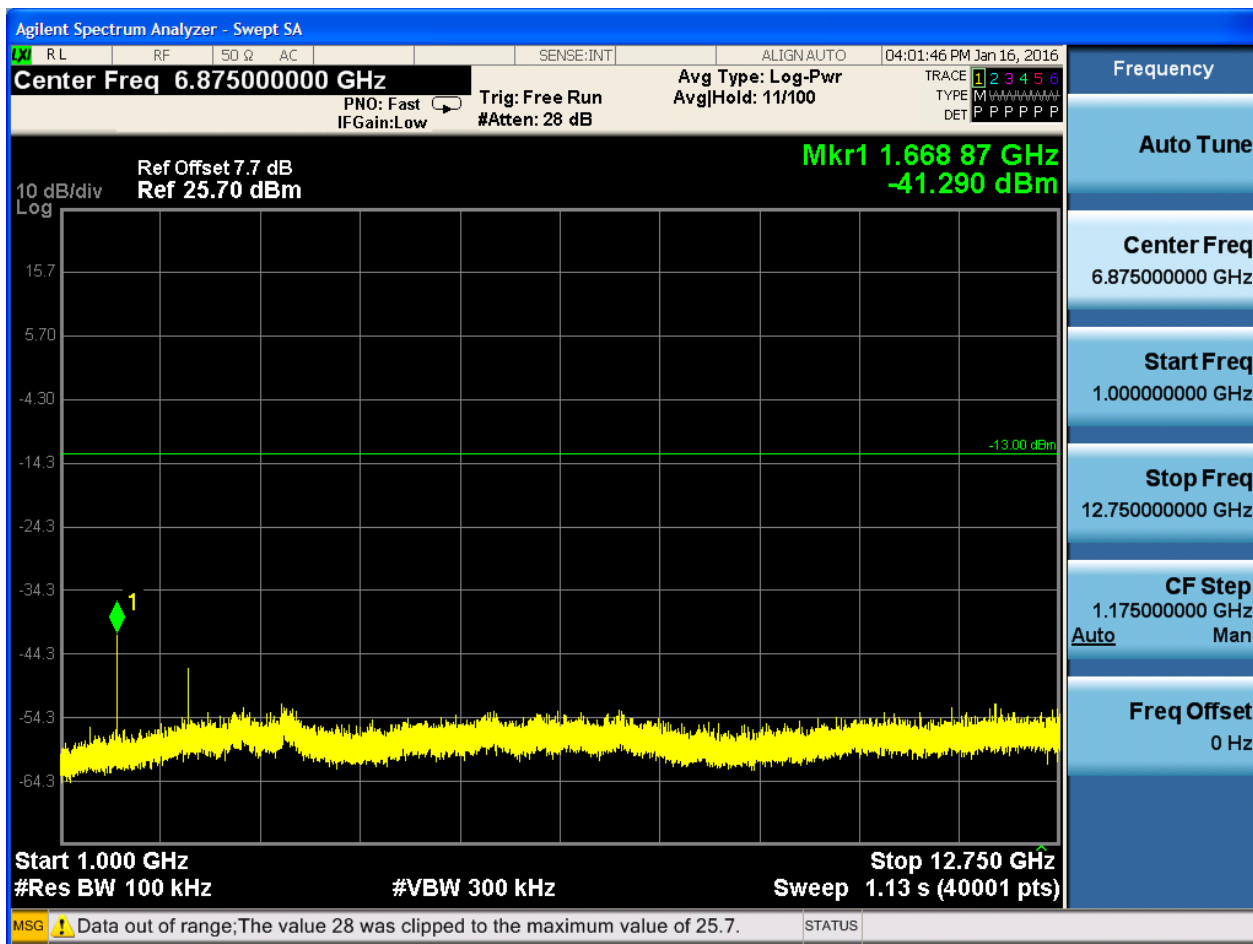
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





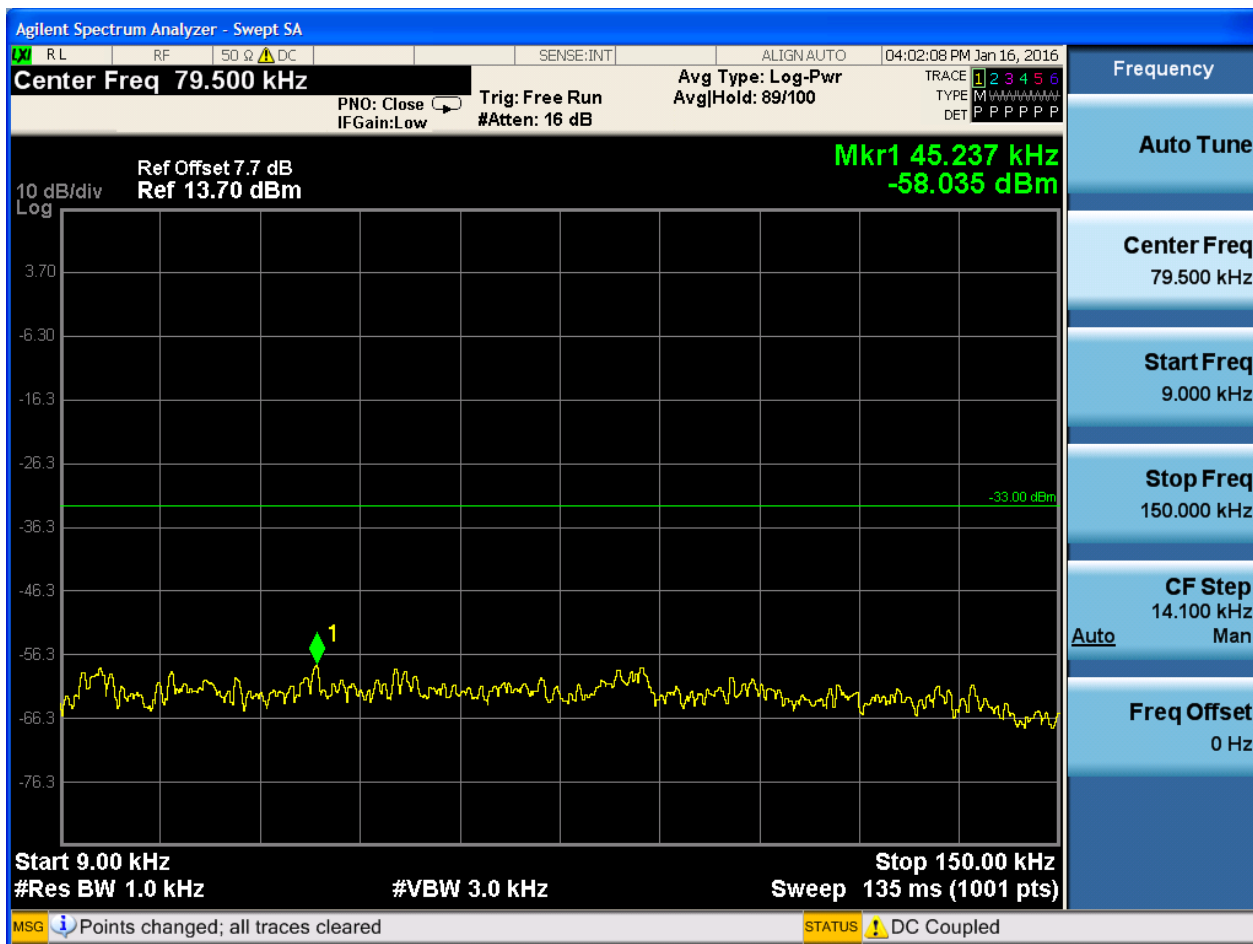


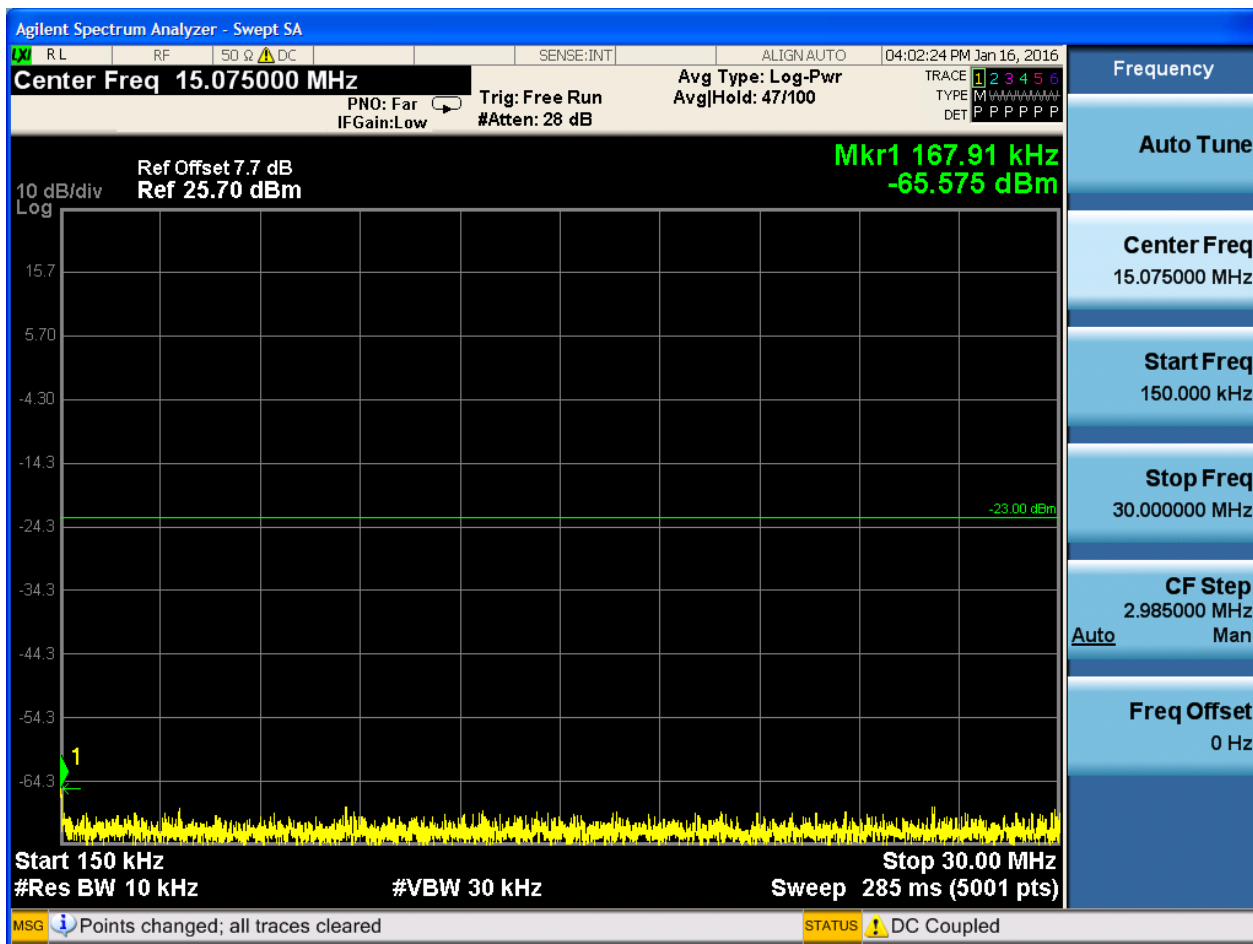


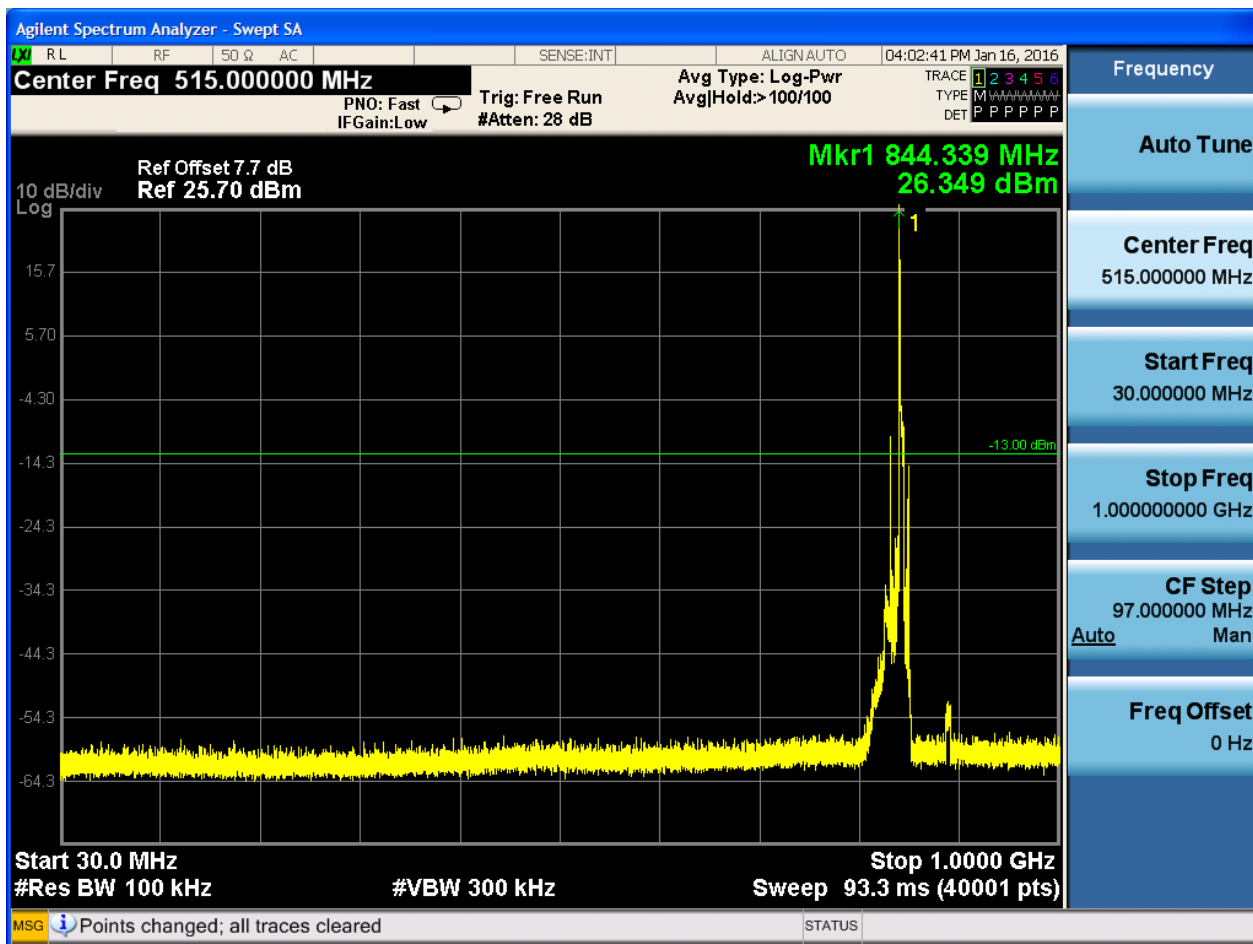


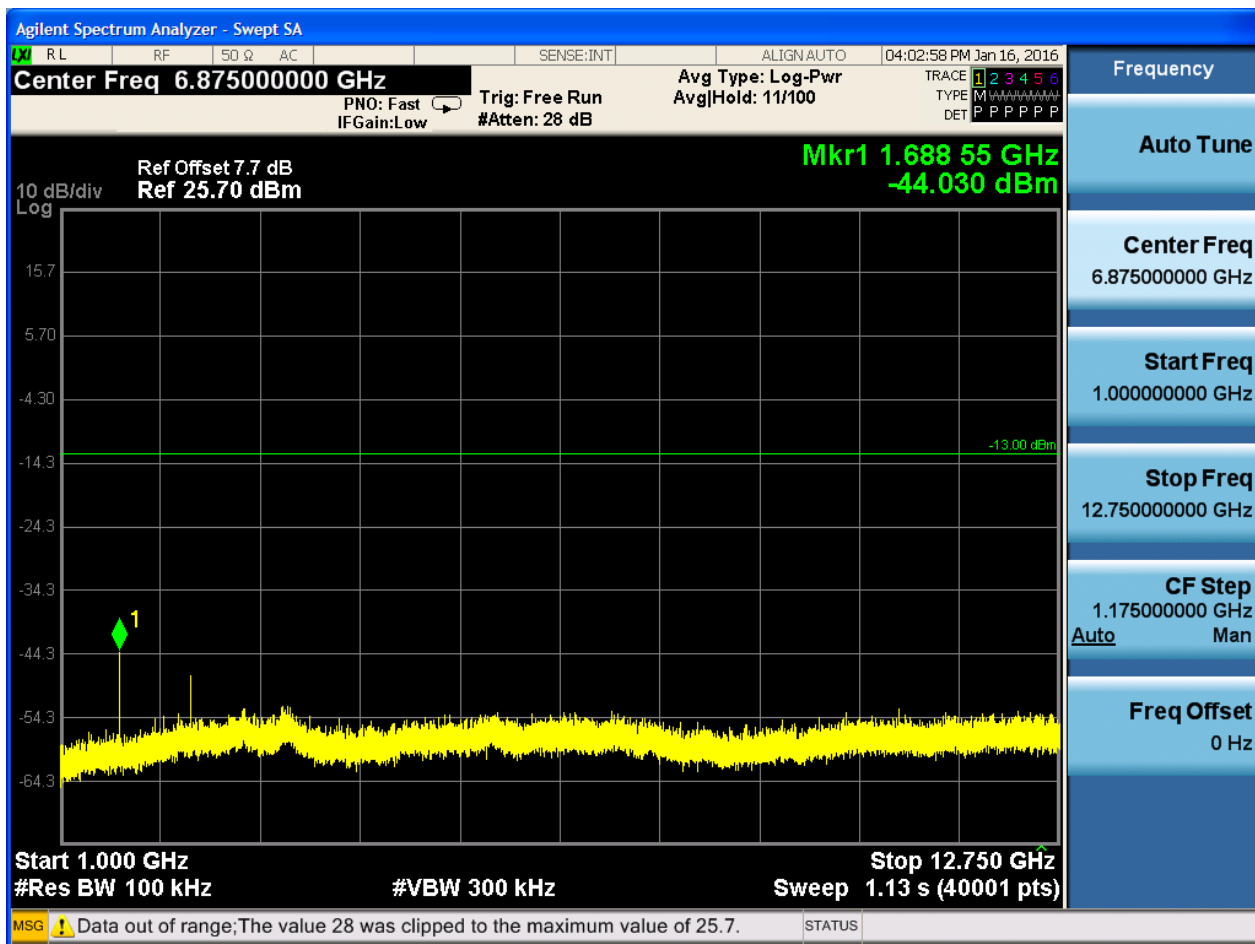
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







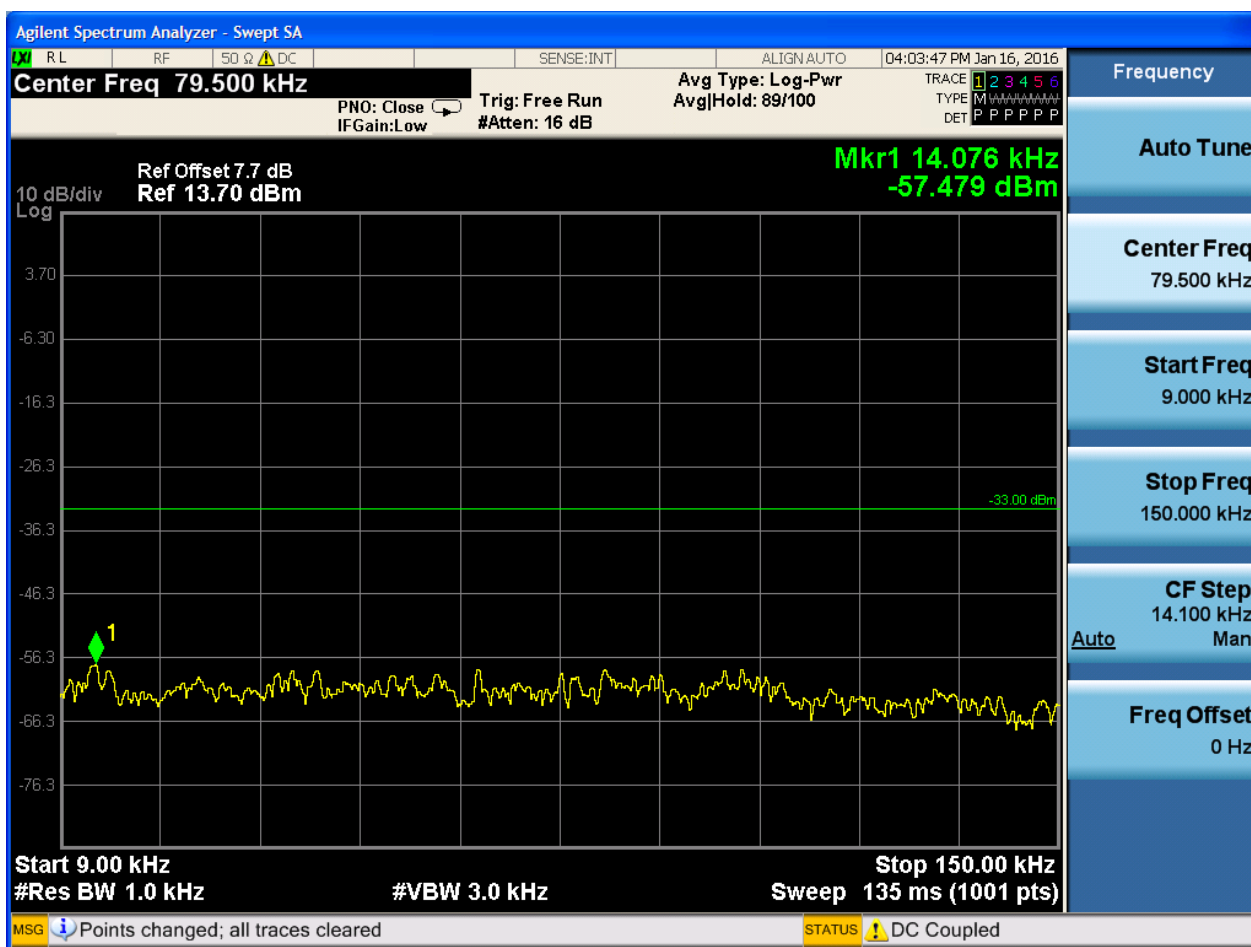


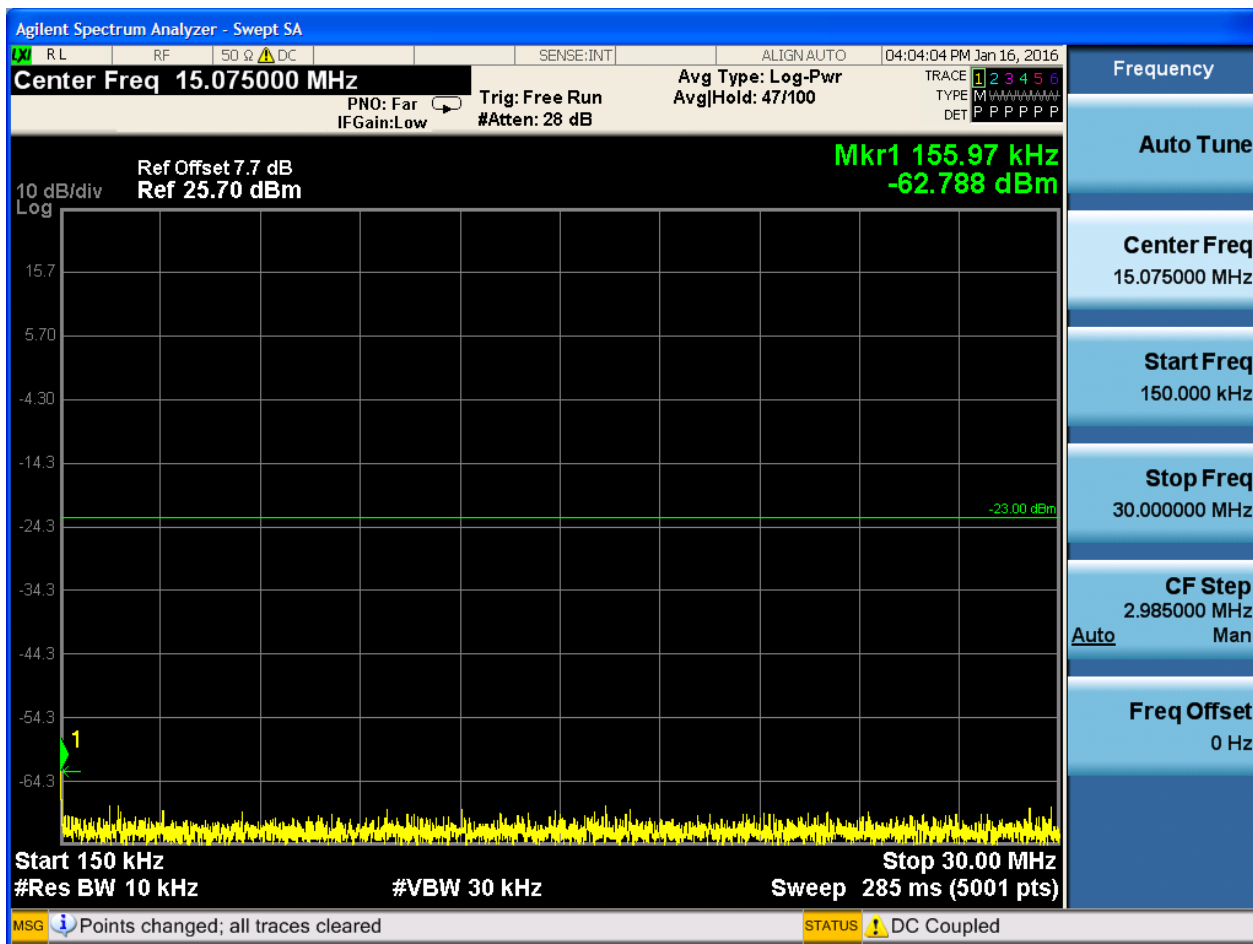


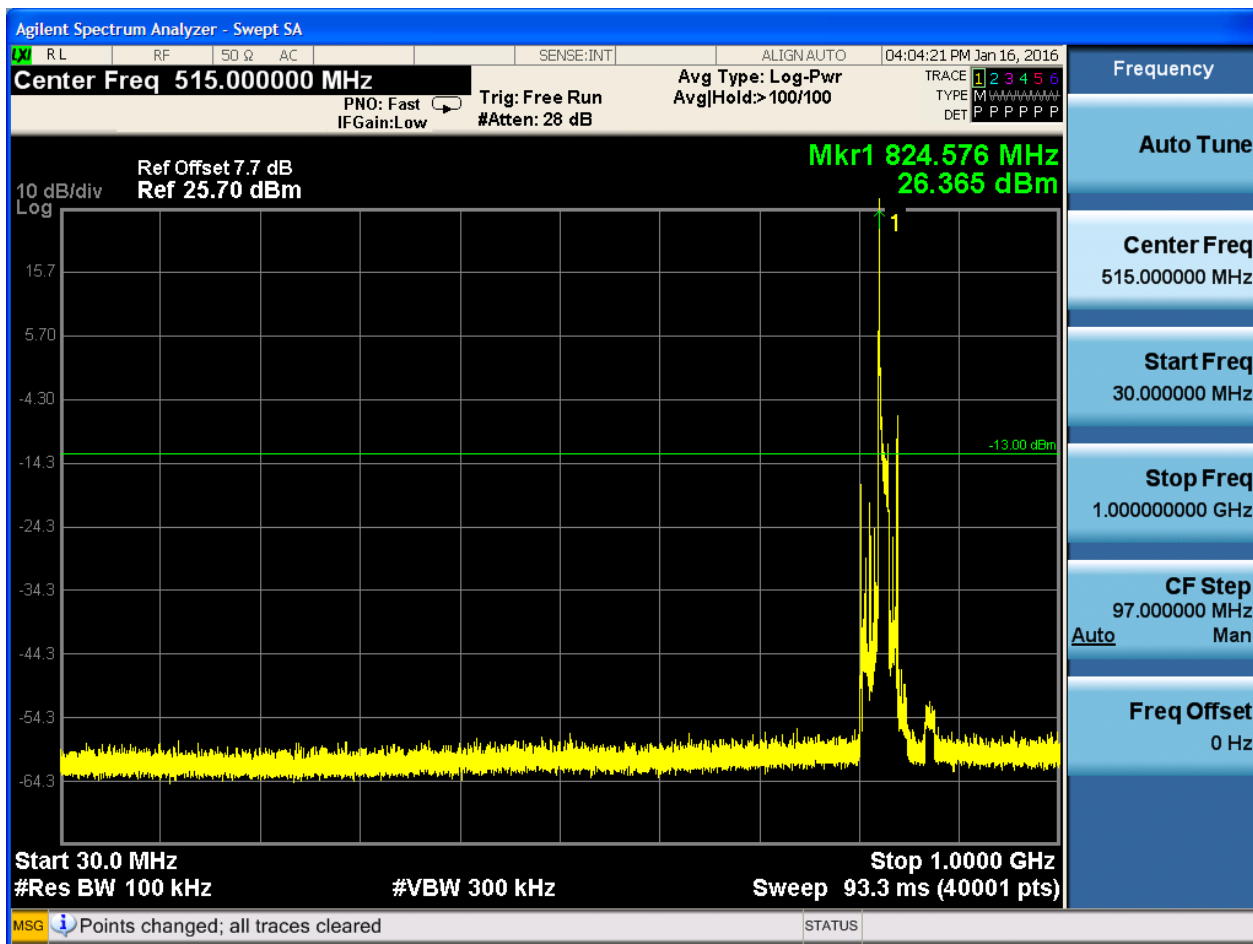
6.1.1.2.4 Test Bandwidth = 10

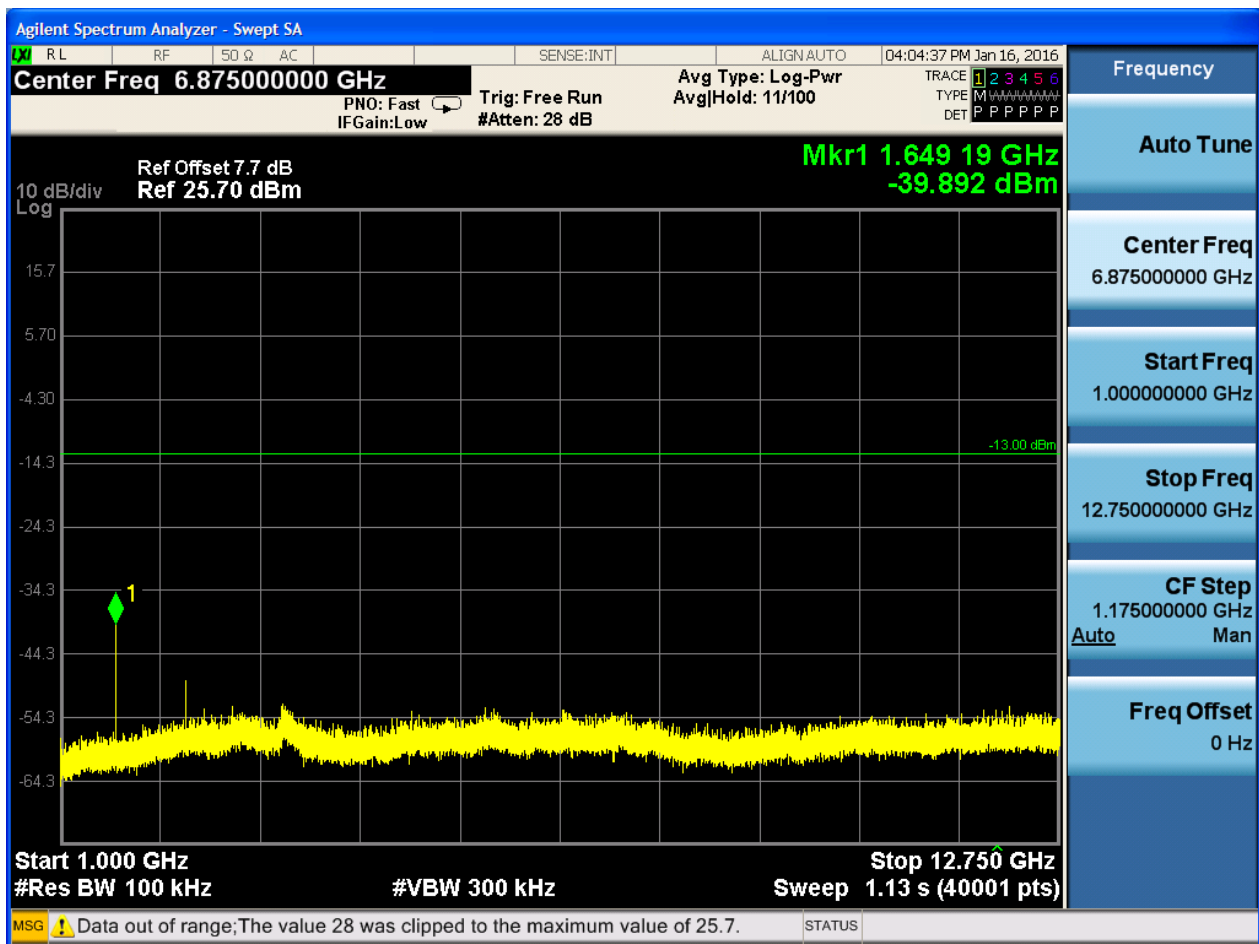
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



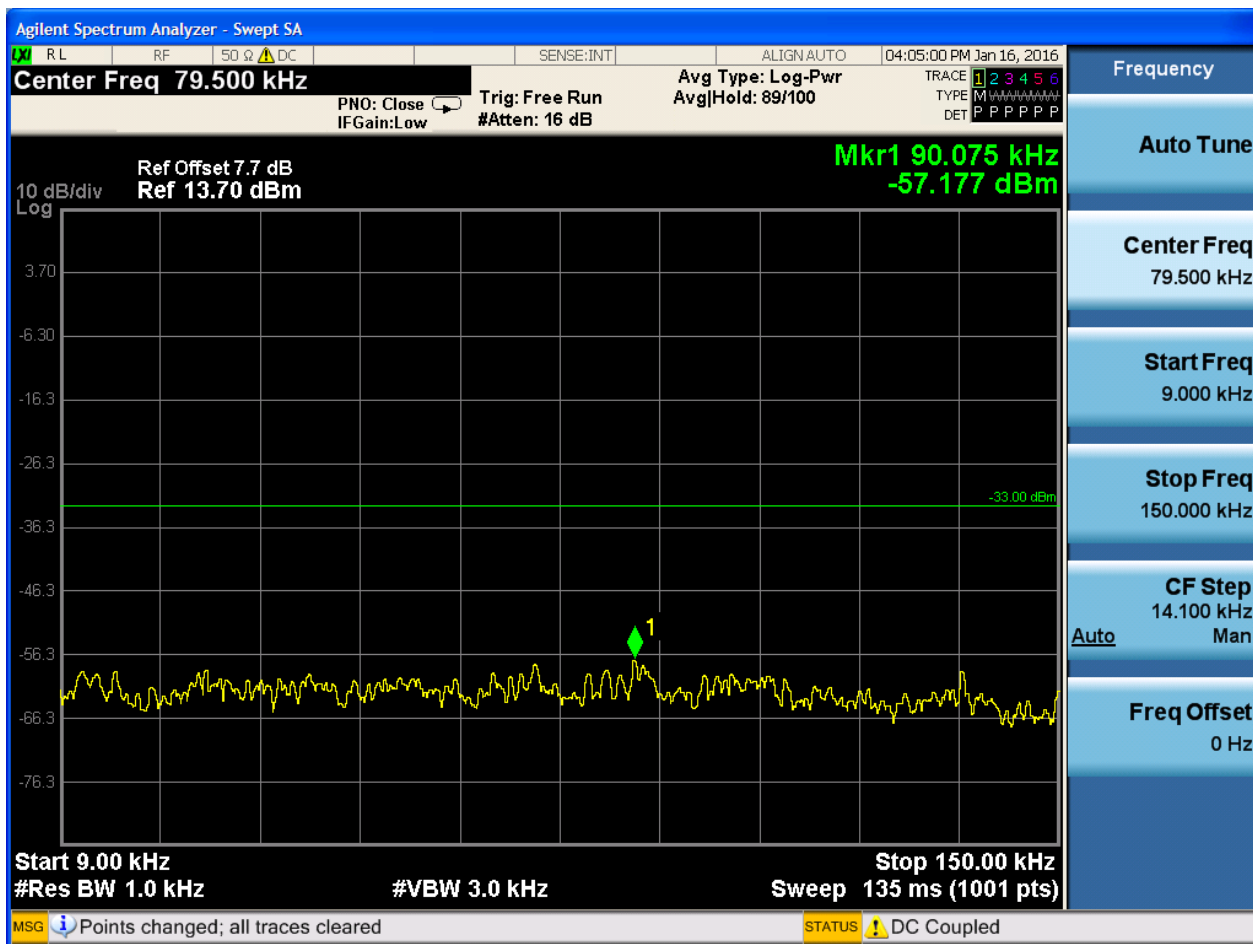


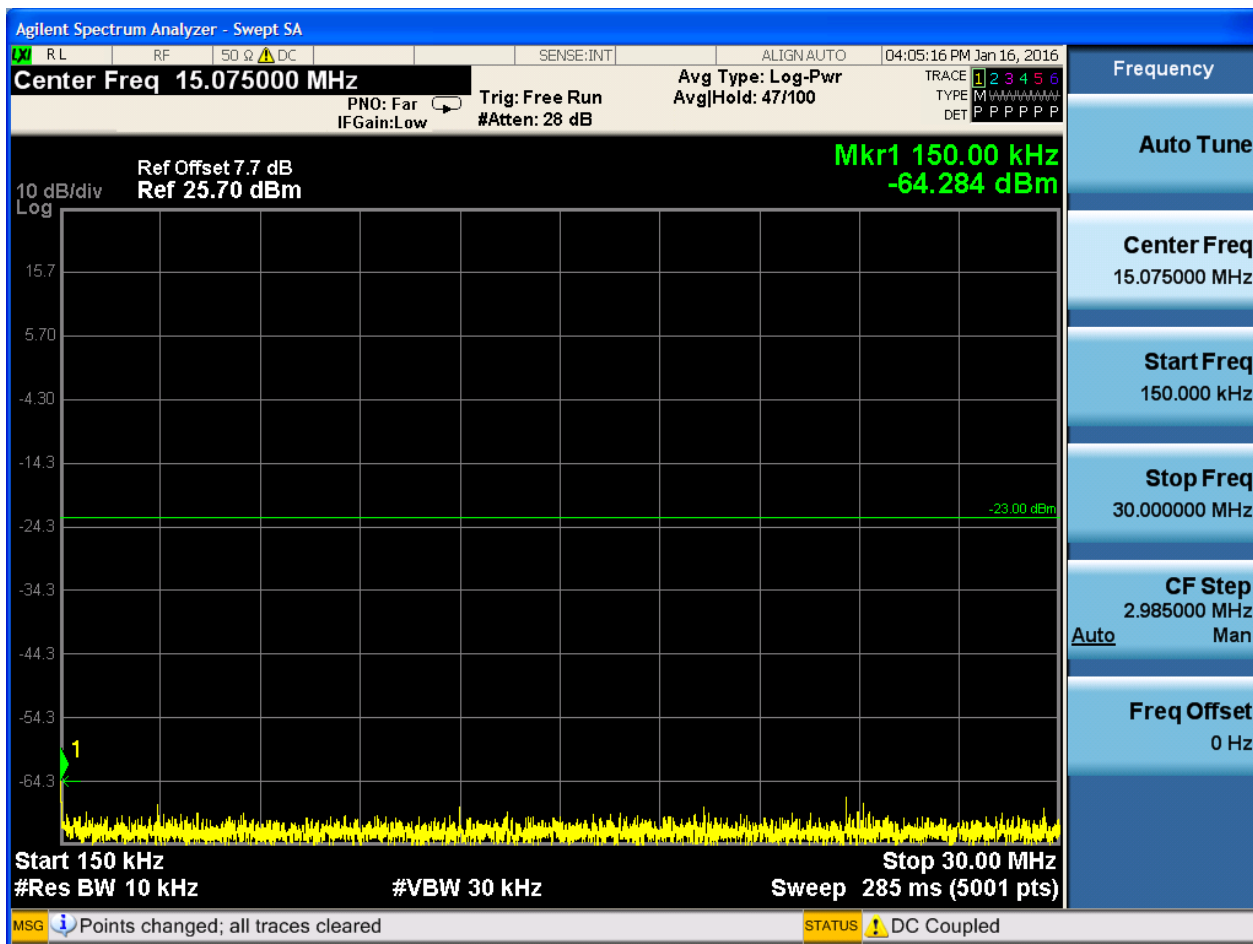


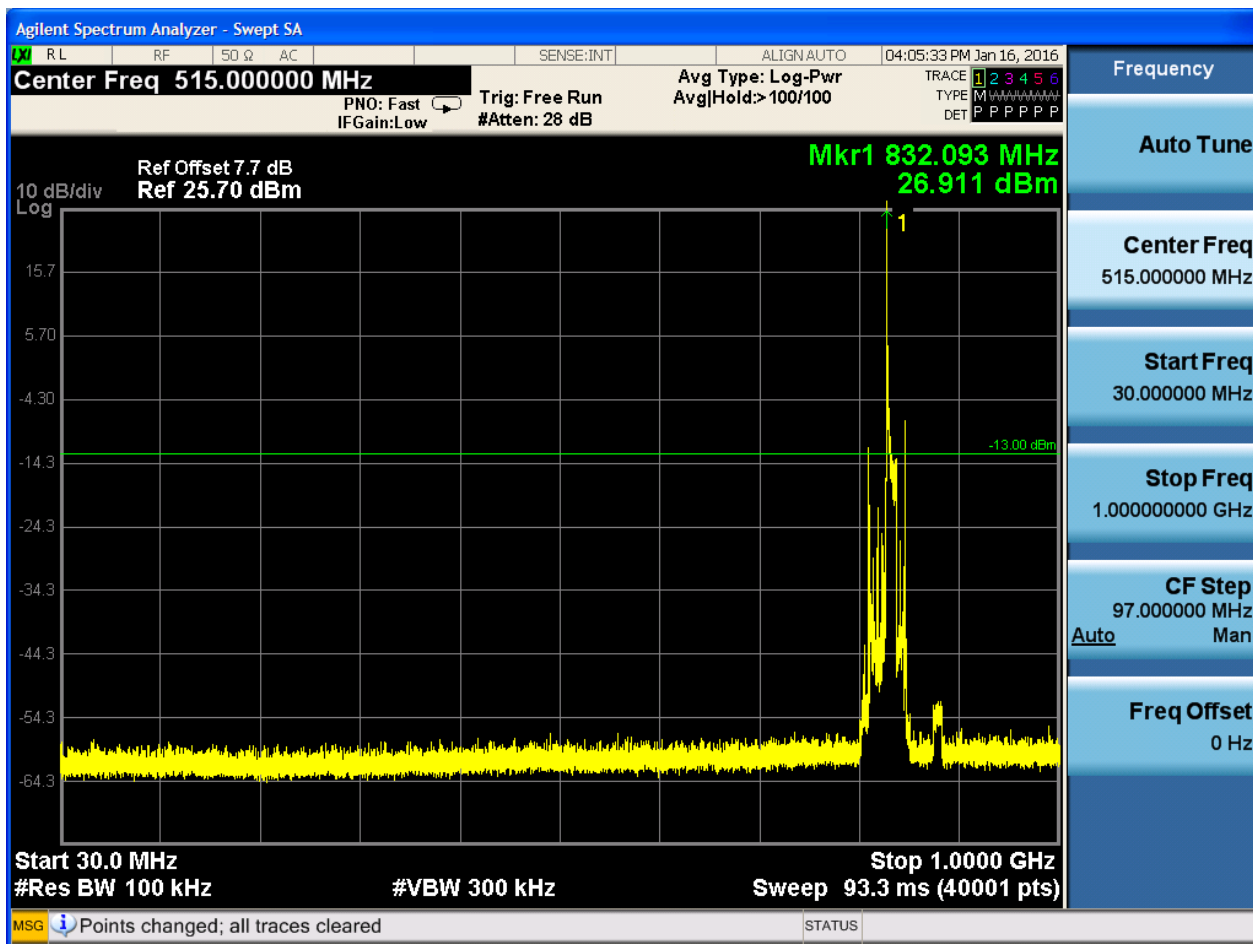


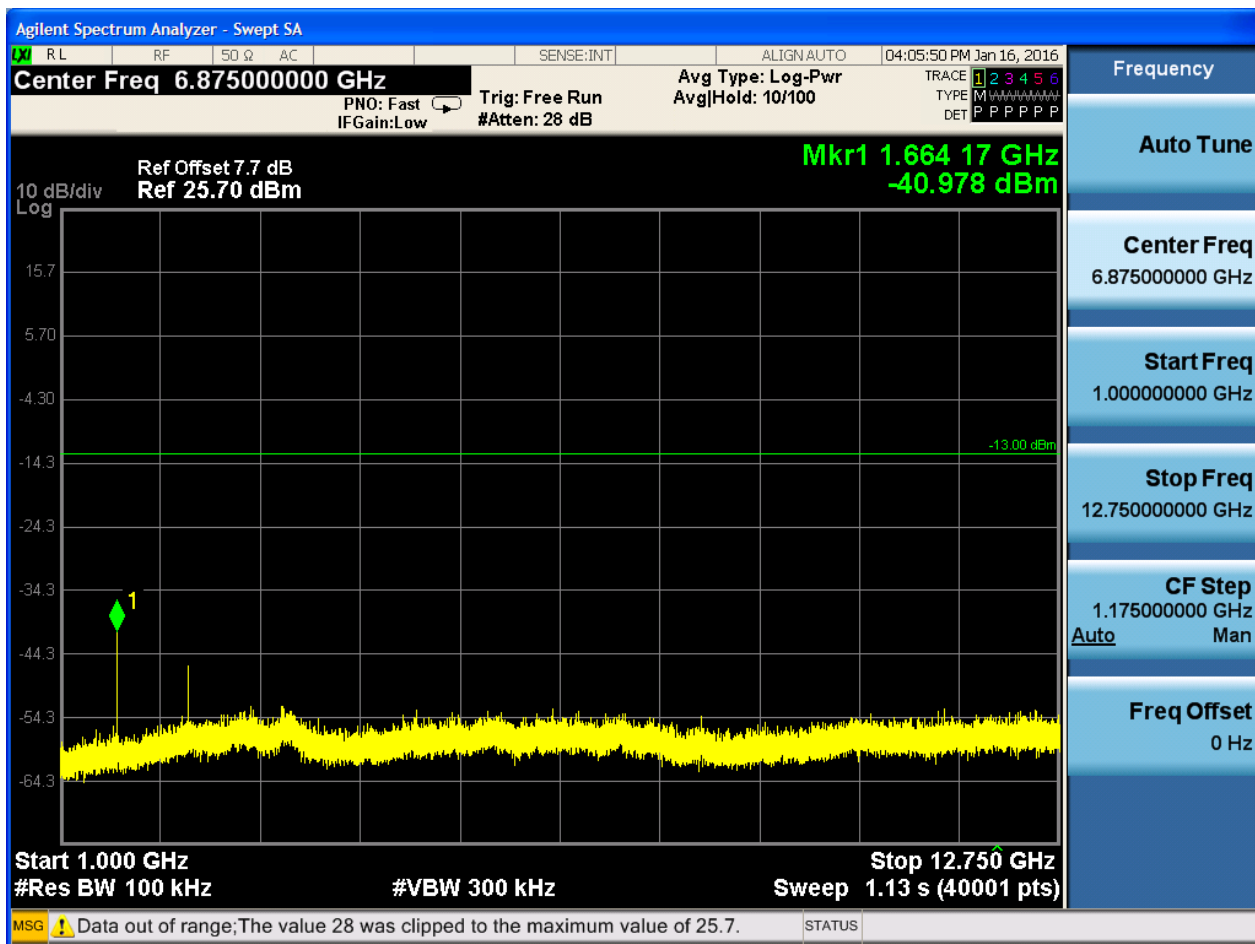
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0



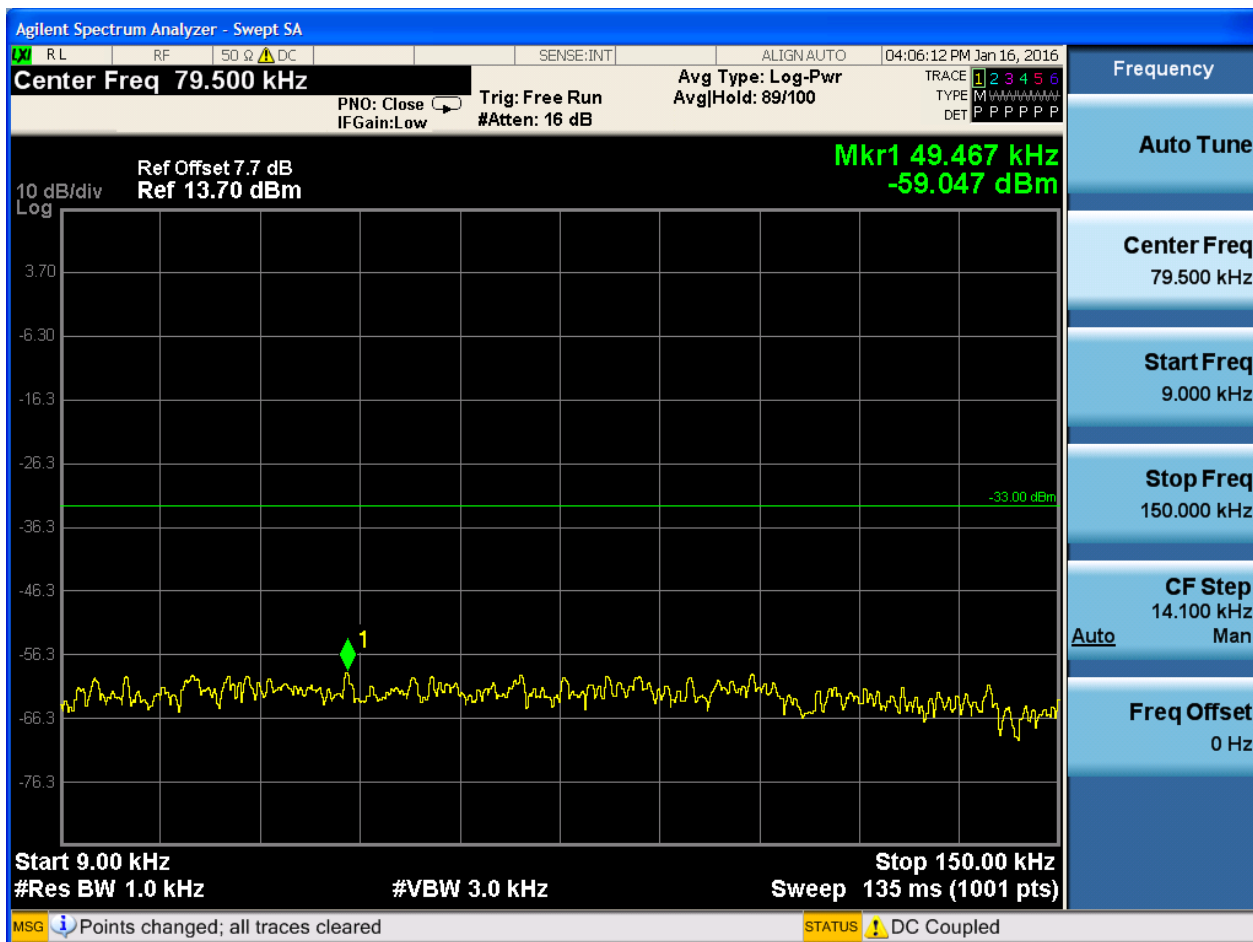


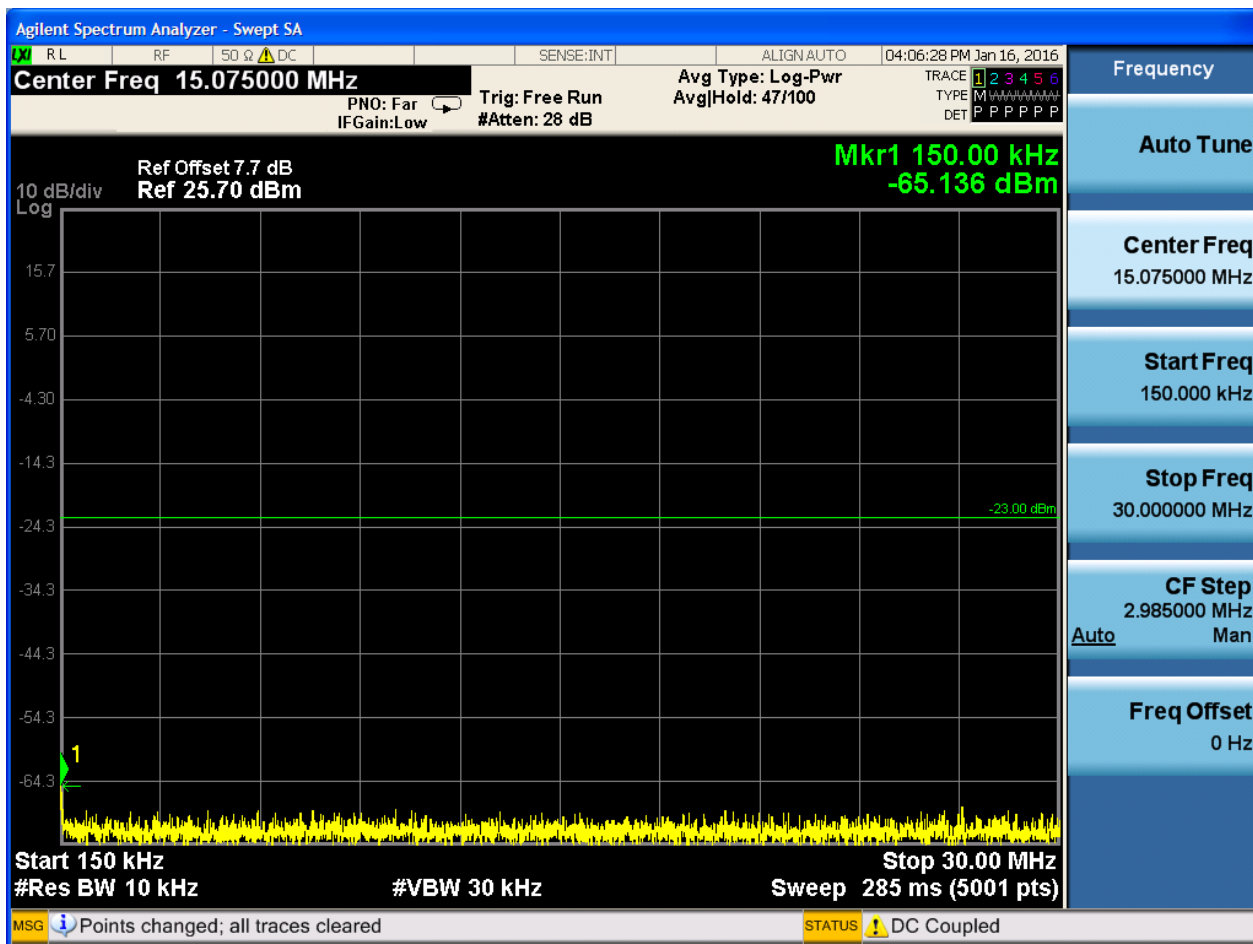


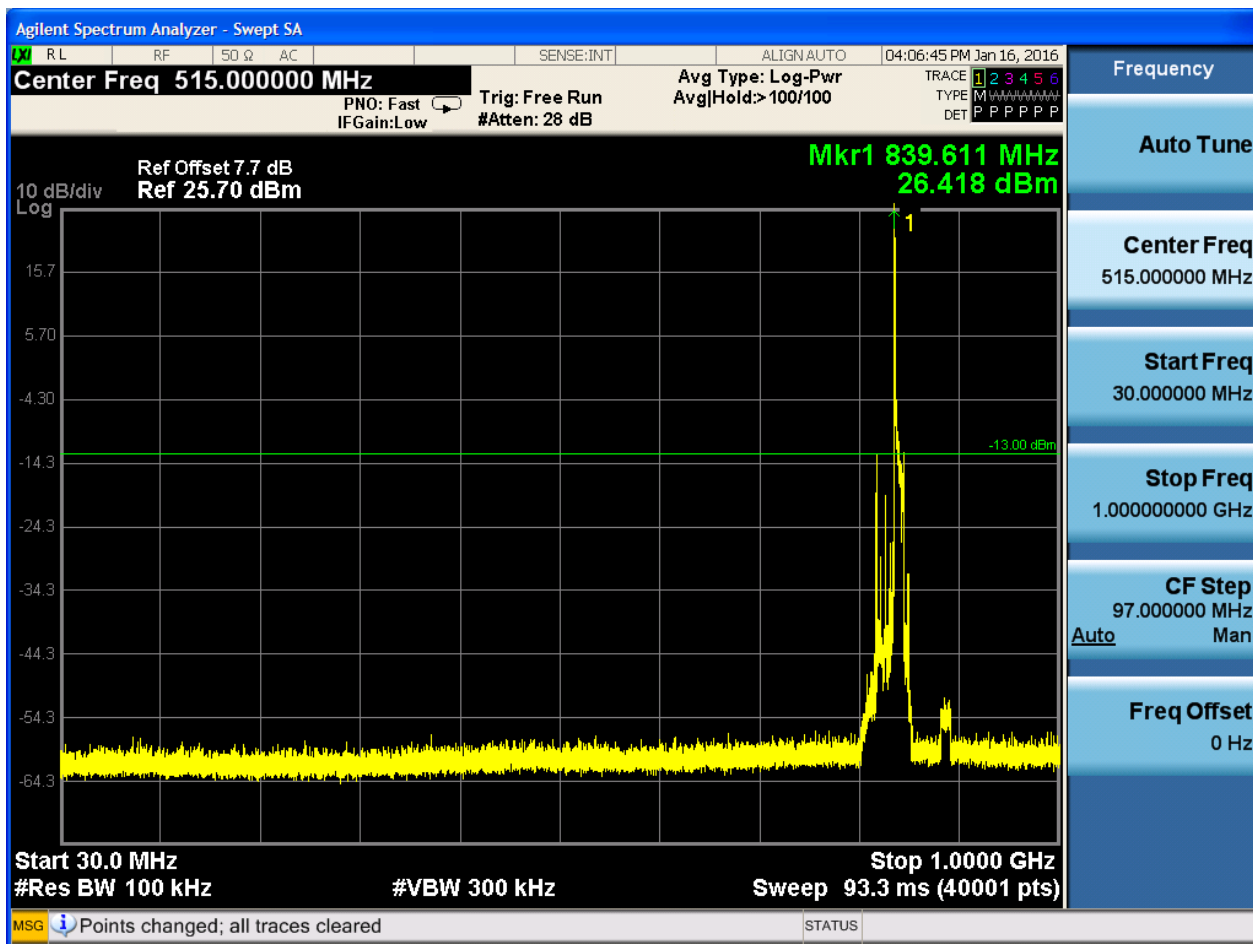


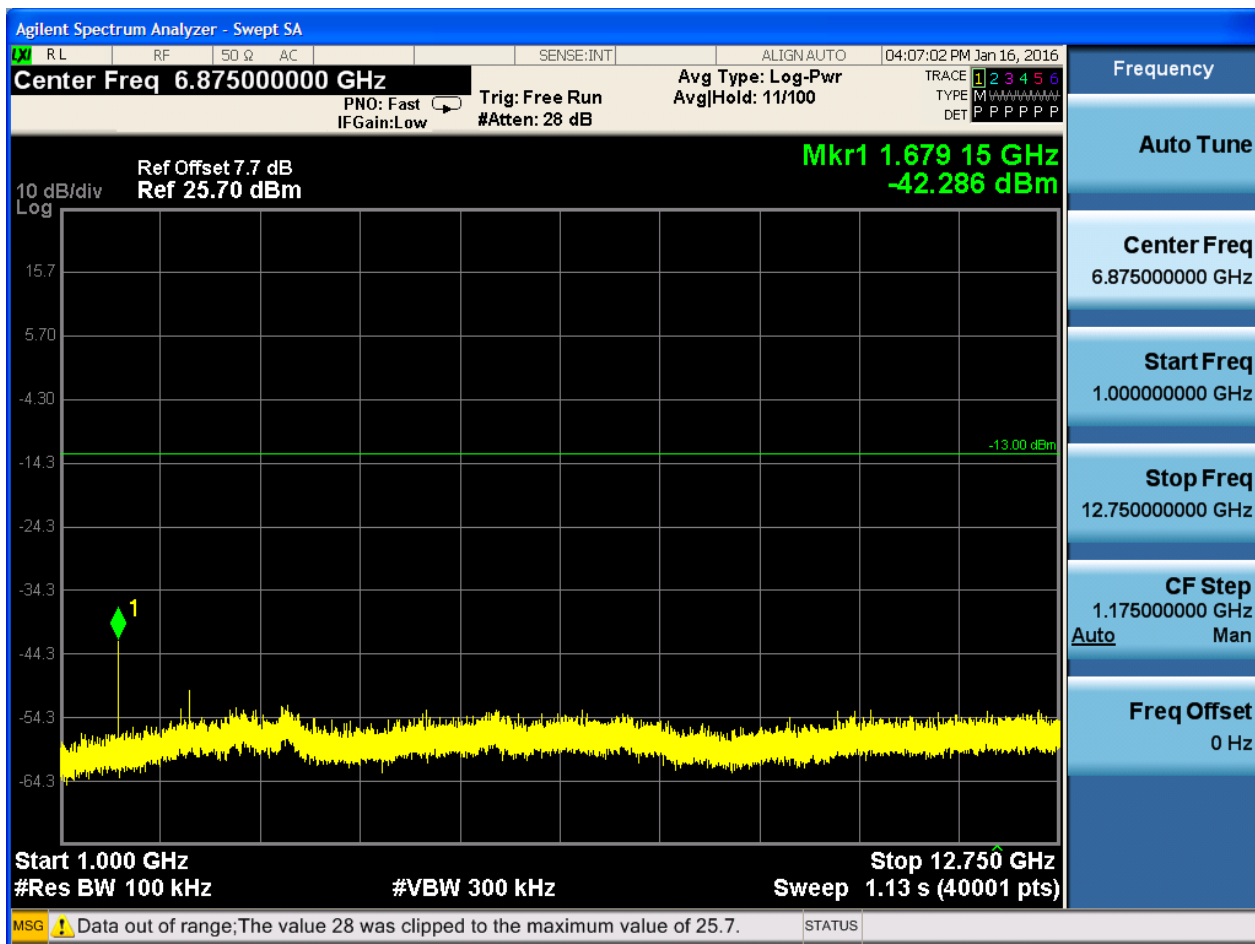
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









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

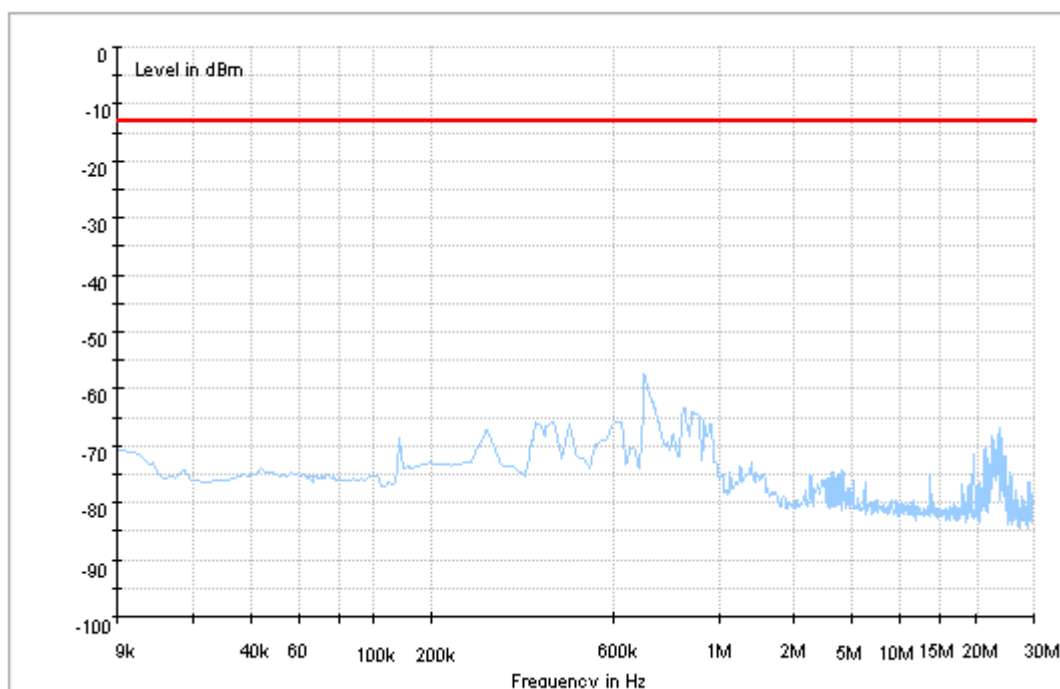
We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

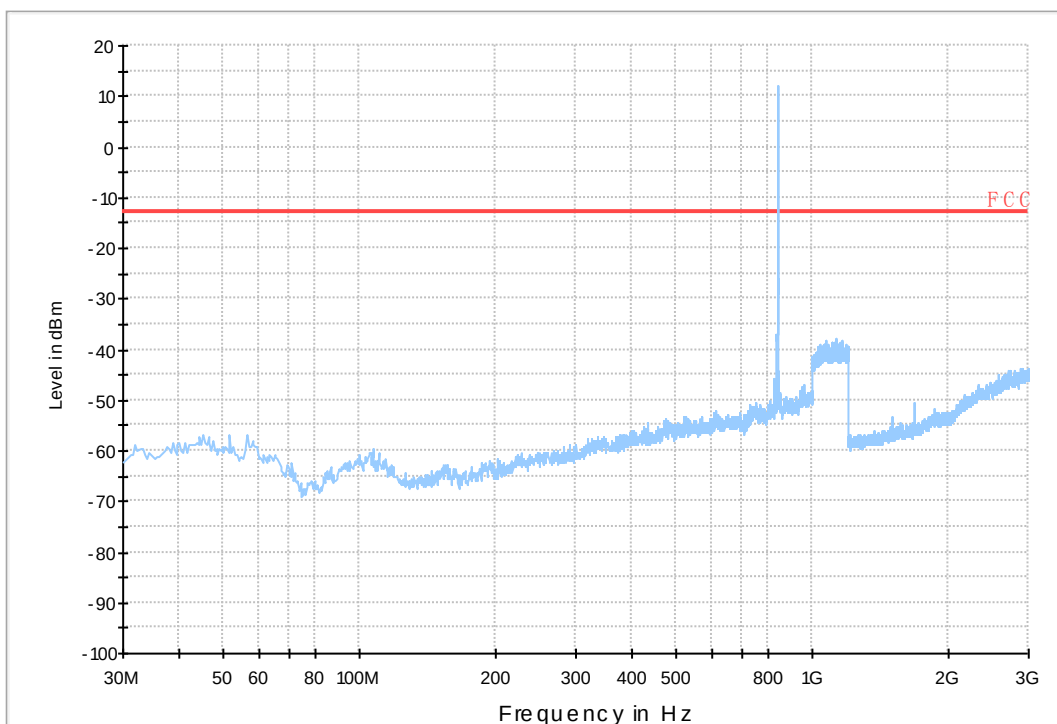
7.1 For LTE

7.1.1 Test Band = BAND5

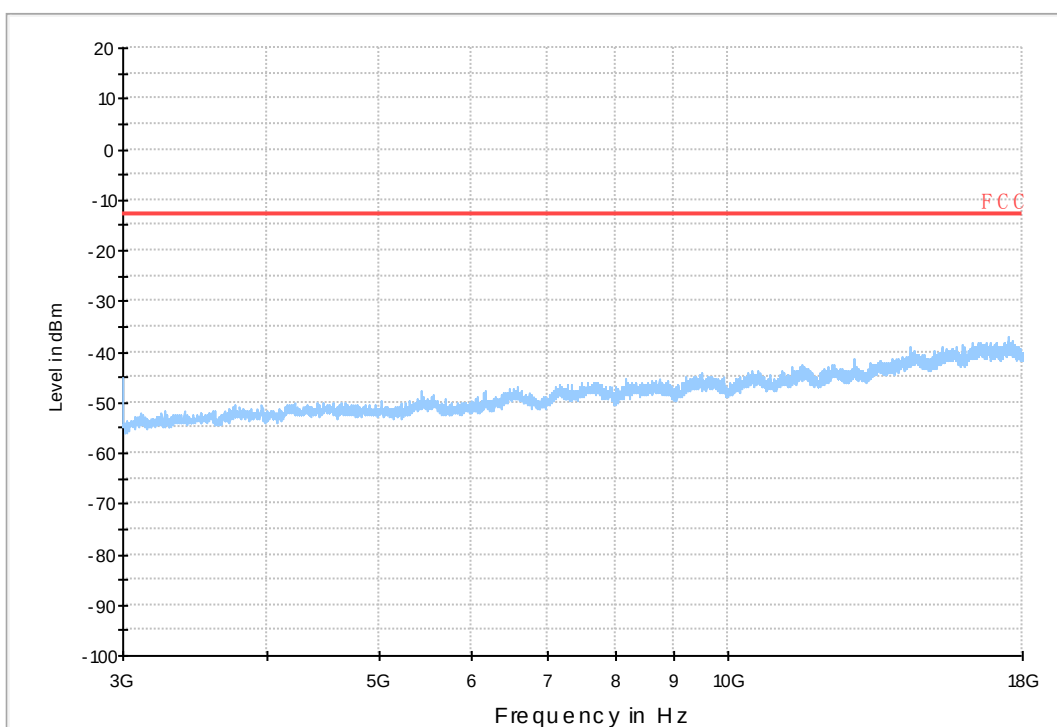
7.1.1.1 Test Bandwidth = 1.4



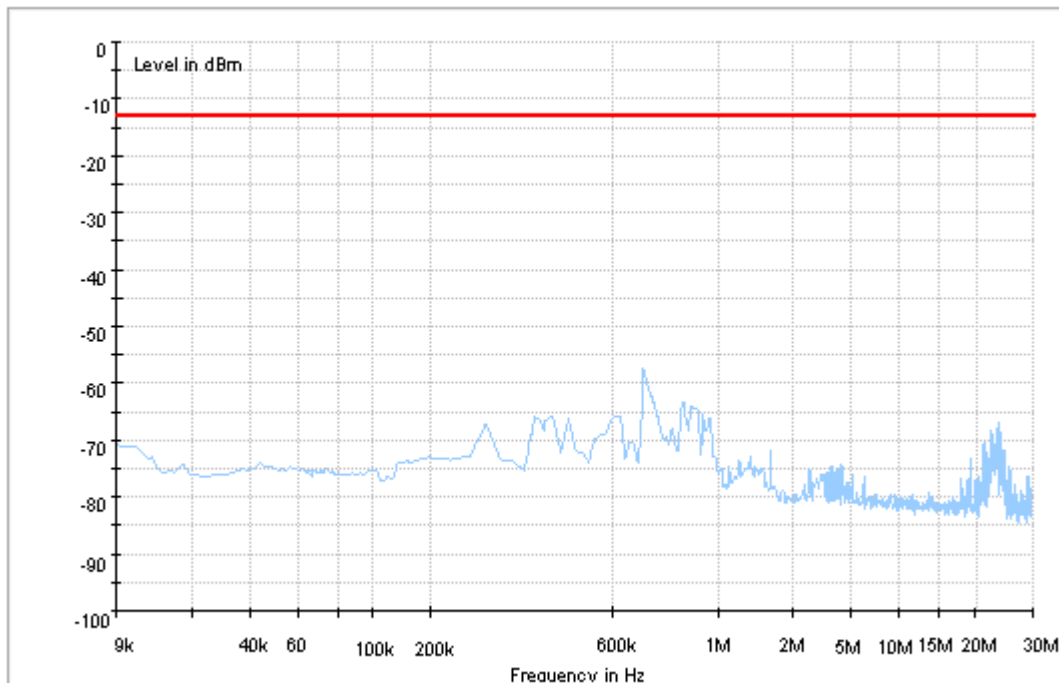
Copy of RSE-TX-DIRECTOR BELOW 1G_L



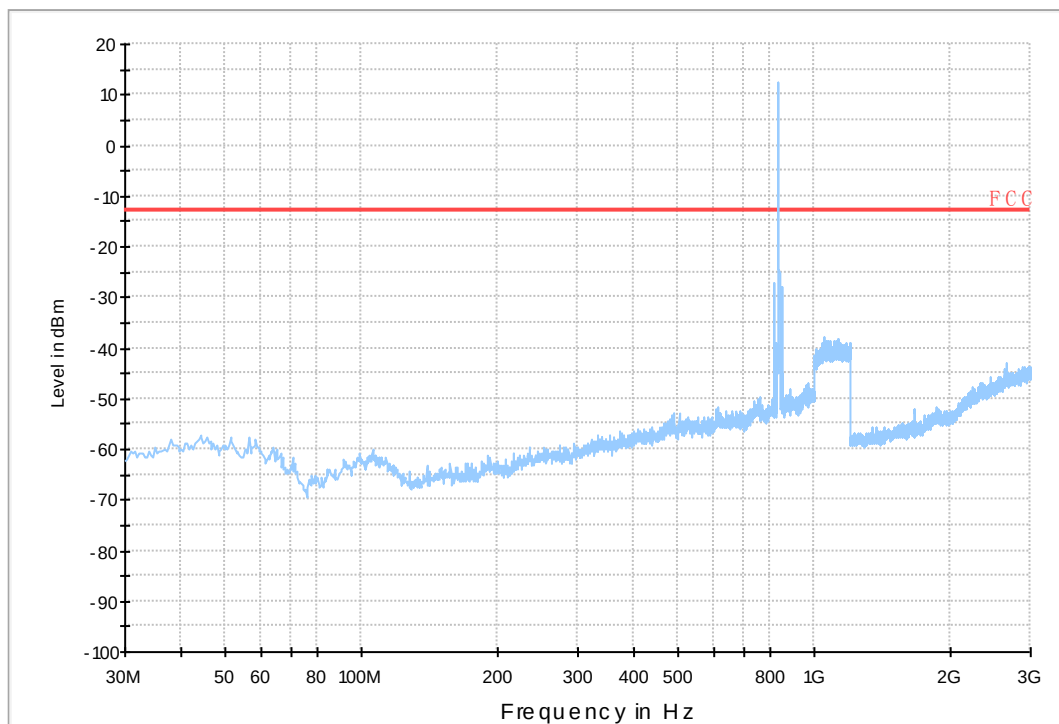
Copy of RSE-TX-DIRECTOR BELOW 1G_H



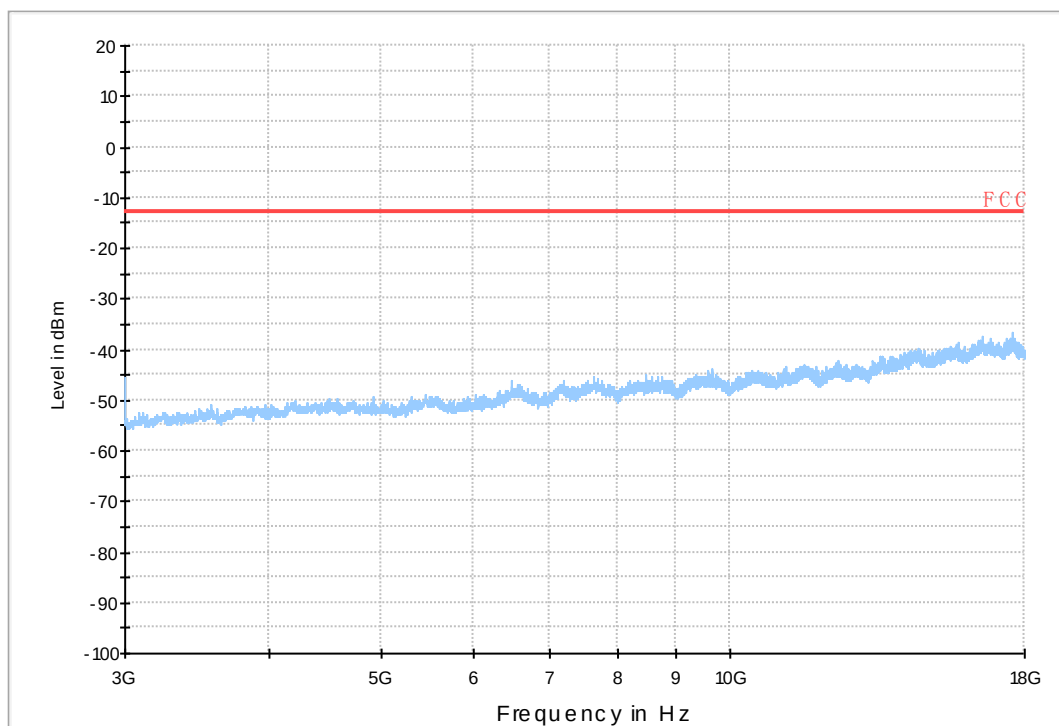
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H





8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency 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	2.55	0.00309	PASS
					VN	-8.73	-0.01059	PASS
					VH	-2.62	-0.00318	PASS
			MCH	TN	VL	3.16	0.00378	PASS
					VN	-2.99	-0.00357	PASS
					VH	8.21	0.00981	PASS
			HCH	TN	VL	8.74	0.0103	PASS
					VN	6.04	0.00712	PASS
					VH	6.65	0.00784	PASS
		3	LCH	TN	VL	1.66	0.00201	PASS
					VN	-13.02	-0.01577	PASS
					VH	-5.28	-0.0064	PASS
			MCH	TN	VL	-2.96	-0.00354	PASS
					VN	-11.42	-0.01365	PASS
					VH	-5.78	-0.00691	PASS
			HCH	TN	VL	-0.27	-0.00032	PASS
					VN	-3	-0.00354	PASS
					VH	4.06	0.00479	PASS
		5	LCH	TN	VL	-6.49	-0.00785	PASS
					VN	-0.23	-0.00028	PASS
					VH	1.82	0.0022	PASS
			MCH	TN	VL	2.89	0.00345	PASS
					VN	-2.32	-0.00277	PASS
					VH	-1.14	-0.00136	PASS
			HCH	TN	VL	8.75	0.01034	PASS
					VN	-0.83	-0.00098	PASS
					VH	-0.19	-0.00022	PASS
		10	LCH	TN	VL	-10.19	-0.01229	PASS
					VN	-2.45	-0.00296	PASS
					VH	-21.93	-0.02645	PASS
			MCH	TN	VL	2.45	0.00293	PASS
					VN	40.31	0.04819	PASS
					VH	-9.17	-0.01096	PASS
			HCH	TN	VL	-0.19	-0.00023	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2				VN	-0.72	-0.00085	PASS
					VH	-0.69	-0.00082	PASS
		1.4	LCH	TN	VL	-16.41	-0.0199	PASS
					VN	1.89	0.00229	PASS
					VH	11.32	0.01373	PASS
					VL	-1.65	-0.00197	PASS
			MCH	TN	VN	-11.99	-0.01433	PASS
					VH	20.31	0.02428	PASS
					VL	-9.37	-0.01105	PASS
					VN	0.51	0.0006	PASS
					VH	-3.33	-0.00393	PASS
			HCH	TN	VL	-19.77	-0.02395	PASS
					VN	-2.6	-0.00315	PASS
					VH	0.29	0.00035	PASS
		3	LCH	TN	VL	3.05	0.00365	PASS
					VN	-8.88	-0.01062	PASS
					VH	2.23	0.00267	PASS
			MCH	TN	VL	1.42	0.00168	PASS
					VN	-2.3	-0.00271	PASS
					VH	0.04	0.00005	PASS
			HCH	TN	VL	1.37	0.00166	PASS
					VN	0.67	0.00081	PASS
					VH	2.25	0.00272	PASS
		5	LCH	TN	VL	1.27	0.00152	PASS
					VN	-5.48	-0.00655	PASS
					VH	9.77	0.01168	PASS
			MCH	TN	VL	0.1	0.00012	PASS
					VN	3.13	0.0037	PASS
					VH	-2.75	-0.00325	PASS
			HCH	TN	VL	-23.92	-0.02885	PASS
					VN	-8.87	-0.0107	PASS
					VH	-9.9	-0.01194	PASS
		10	LCH	TN	VL	7.68	0.00918	PASS
					VN	34.46	0.0412	PASS
					VH	-17.18	-0.02054	PASS
			MCH	TN	VL	1.03	0.00122	PASS
					VN	-2.53	-0.003	PASS
					VH	-0.13	-0.00015	PASS
			HCH	TN	VL	-23.92	-0.02885	PASS
					VN	-8.87	-0.0107	PASS
					VH	-9.9	-0.01194	PASS

8.1.2 Frequency 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	4.56	0.00553	PASS
					-20	5.38	0.00652	PASS
					-10	0.87	0.00105	PASS
					0	-11.74	-0.01424	PASS
					10	9.77	0.01185	PASS
					20	5.52	0.00669	PASS
					30	-15.26	-0.0185	PASS
					40	-11.94	-0.01448	PASS
					50	-5.91	-0.00717	PASS
			MCH	VN	-30	-1.57	-0.00188	PASS
					-20	-2.49	-0.00298	PASS
					-10	-5.66	-0.00677	PASS
					0	0.24	0.00029	PASS
					10	1.77	0.00212	PASS
					20	7.48	0.00894	PASS
					30	-3.16	-0.00378	PASS
					40	2.86	0.00342	PASS
					50	11.33	0.01354	PASS
			HCH	VN	-30	14.13	0.01666	PASS
					-20	15.86	0.0187	PASS
					-10	-6.55	-0.00772	PASS
					0	-10.5	-0.01238	PASS
					10	-10.36	-0.01221	PASS
					20	-6.72	-0.00792	PASS
					30	-6.94	-0.00818	PASS
					40	-8.8	-0.01037	PASS
					50	1	0.00118	PASS
		3	LCH	VN	-30	-3.26	-0.00395	PASS
					-20	-4.26	-0.00516	PASS
					-10	20.14	0.0244	PASS
					0	9.53	0.01154	PASS
					10	2.25	0.00273	PASS
					20	-9.6	-0.01163	PASS
					30	7.94	0.00962	PASS
					40	-2.5	-0.00303	PASS
					50	-1.63	-0.00197	PASS
			MCH	VN	-30	-6.29	-0.00752	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.44	-0.00172	PASS
					-10	-2.13	-0.00255	PASS
					0	3.68	0.0044	PASS
					10	-3.58	-0.00428	PASS
					20	10.19	0.01218	PASS
					30	-3.62	-0.00433	PASS
					40	-10.97	-0.01311	PASS
					50	-8.74	-0.01045	PASS
			HCH	VN	-30	4.18	0.00493	PASS
					-20	0.27	0.00032	PASS
					-10	-7.98	-0.00942	PASS
					0	-0.47	-0.00055	PASS
					10	-8.84	-0.01043	PASS
					20	-0.84	-0.00099	PASS
					30	-2.59	-0.00306	PASS
					40	-1.36	-0.0016	PASS
					50	10.26	0.01211	PASS
		5	LCH	VN	-30	-0.96	-0.00116	PASS
					-20	2.75	0.00333	PASS
					-10	-2	-0.00242	PASS
					0	3.66	0.00443	PASS
					10	-8.21	-0.00993	PASS
					20	2.26	0.00273	PASS
					30	-2.33	-0.00282	PASS
					40	-7.4	-0.00895	PASS
					50	4.06	0.00491	PASS
			MCH	VN	-30	-4.82	-0.00576	PASS
					-20	3.72	0.00445	PASS
					-10	-6.68	-0.00799	PASS
					0	7.6	0.00909	PASS
					10	-7	-0.00837	PASS
					20	-0.34	-0.00041	PASS
					30	-3.63	-0.00434	PASS
					40	-4.32	-0.00516	PASS
					50	-0.93	-0.00111	PASS
			HCH	VN	-30	0.59	0.0007	PASS
					-20	2.92	0.00345	PASS
					-10	-10.73	-0.01268	PASS
					0	16.62	0.01963	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	9.96	0.01177	PASS
					20	0.72	0.00085	PASS
					30	1.72	0.00203	PASS
					40	4.98	0.00588	PASS
					50	-0.24	-0.00028	PASS
			LCH	VN	-30	2.99	0.00361	PASS
					-20	-1.36	-0.00164	PASS
					-10	-0.69	-0.00083	PASS
					0	-3.63	-0.00438	PASS
					10	0.72	0.00087	PASS
					20	-14.46	-0.01744	PASS
					30	-13	-0.01568	PASS
					40	-6.35	-0.00766	PASS
					50	-4.59	-0.00554	PASS
			MCH	VN	-30	-0.47	-0.00056	PASS
					-20	117.93	0.14098	PASS
					-10	125.26	0.14974	PASS
					0	101.72	0.1216	PASS
					10	225.06	0.26905	PASS
					20	62.26	0.07443	PASS
					30	158.39	0.18935	PASS
					40	176.17	0.2106	PASS
					50	61.28	0.07326	PASS
			HCH	VN	-30	-0.76	-0.0009	PASS
					-20	-0.99	-0.00117	PASS
					-10	-1.17	-0.00139	PASS
					0	-0.29	-0.00034	PASS
					10	0.06	0.00007	PASS
					20	-0.47	-0.00056	PASS
					30	1.04	0.00123	PASS
					40	-5.81	-0.00688	PASS
					50	2.4	0.00284	PASS
	LTE/TM2	1.4	LCH	VN	-30	-6.41	-0.00777	PASS
					-20	2.9	0.00352	PASS
					-10	15.01	0.0182	PASS
					0	12.02	0.01457	PASS
					10	-5.29	-0.00641	PASS
					20	-9.18	-0.01113	PASS
					30	-1.07	-0.0013	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	12.37	0.015	PASS
					50	20.08	0.02435	PASS
			MCH	VN	-30	-11.79	-0.01409	PASS
					-20	-13.16	-0.01573	PASS
					-10	-7.67	-0.00917	PASS
					0	3.83	0.00458	PASS
					10	-7.67	-0.00917	PASS
					20	-4.43	-0.0053	PASS
					30	5.45	0.00652	PASS
					40	4.81	0.00575	PASS
					50	-0.51	-0.00061	PASS
			HCH	VN	-30	7.65	0.00902	PASS
					-20	-8.41	-0.00991	PASS
					-10	-15.74	-0.01855	PASS
					0	2.1	0.00248	PASS
					10	2.09	0.00246	PASS
					20	8.88	0.01047	PASS
					30	-2.15	-0.00253	PASS
					40	7.8	0.00919	PASS
					50	-6.87	-0.0081	PASS
		3	LCH	VN	-30	14.46	0.01752	PASS
					-20	-13.5	-0.01635	PASS
					-10	26.22	0.03176	PASS
					0	8.83	0.0107	PASS
					10	3.58	0.00434	PASS
					20	-3.15	-0.00382	PASS
					30	45.6	0.05524	PASS
					40	-7.04	-0.00853	PASS
					50	-1.26	-0.00153	PASS
			MCH	VN	-30	8.44	0.01009	PASS
					-20	1.42	0.0017	PASS
					-10	1.37	0.00164	PASS
					0	-2.53	-0.00302	PASS
					10	6.21	0.00742	PASS
					20	-6.27	-0.0075	PASS
					30	4.71	0.00563	PASS
					40	6.82	0.00815	PASS
					50	-9.4	-0.01124	PASS
			HCH	VN	-30	-0.8	-0.00094	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-3.85	-0.00454	PASS
					-10	-0.4	-0.00047	PASS
					0	-0.03	-0.00004	PASS
					10	0.7	0.00083	PASS
					20	-4.71	-0.00556	PASS
					30	-1.19	-0.0014	PASS
					40	-0.46	-0.00054	PASS
					50	-1.96	-0.00231	PASS
		5	LCH	VN	-30	12.15	0.0147	PASS
					-20	5.39	0.00652	PASS
					-10	8.04	0.00973	PASS
					0	3.42	0.00414	PASS
					10	-0.16	-0.00019	PASS
					20	2.89	0.0035	PASS
					30	1	0.00121	PASS
					40	0.79	0.00096	PASS
					50	2.95	0.00357	PASS
			MCH	VN	-30	-2.99	-0.00357	PASS
					-20	6.19	0.0074	PASS
					-10	0.96	0.00115	PASS
					0	0.49	0.00059	PASS
					10	1.93	0.00231	PASS
					20	3.25	0.00389	PASS
					30	8.83	0.01056	PASS
					40	-5.41	-0.00647	PASS
					50	1.16	0.00139	PASS
			HCH	VN	-30	0.26	0.00031	PASS
					-20	0.86	0.00102	PASS
					-10	3.33	0.00393	PASS
					0	-0.53	-0.00063	PASS
					10	0.04	0.00005	PASS
					20	0.16	0.00019	PASS
					30	-0.92	-0.00109	PASS
					40	1.5	0.00177	PASS
					50	-8.28	-0.00978	PASS
		10	LCH	VN	-30	-5.74	-0.00692	PASS
					-20	-4.18	-0.00504	PASS
					-10	11.07	0.01335	PASS
					0	10.47	0.01263	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-3.08	-0.00372	PASS
					20	-3.03	-0.00366	PASS
					30	-6.54	-0.00789	PASS
					40	0.82	0.00099	PASS
					50	-8.25	-0.00995	PASS
			MCH	VN	-30	-110.64	-0.13227	PASS
					-20	-54.24	-0.06484	PASS
					-10	-8.83	-0.01056	PASS
					0	-6.52	-0.00779	PASS
					10	22.73	0.02717	PASS
					20	-10.47	-0.01252	PASS
					30	48.82	0.05836	PASS
					40	40.41	0.04831	PASS
					50	30.64	0.03663	PASS
			HCH	VN	-30	1.3	0.00154	PASS
					-20	0.13	0.00015	PASS
					-10	0.4	0.00047	PASS
					0	1.16	0.00137	PASS
					10	-0.69	-0.00082	PASS
					20	0.24	0.00028	PASS
					30	-0.31	-0.00037	PASS
					40	2.19	0.00259	PASS
					50	-0.29	-0.00034	PASS

END