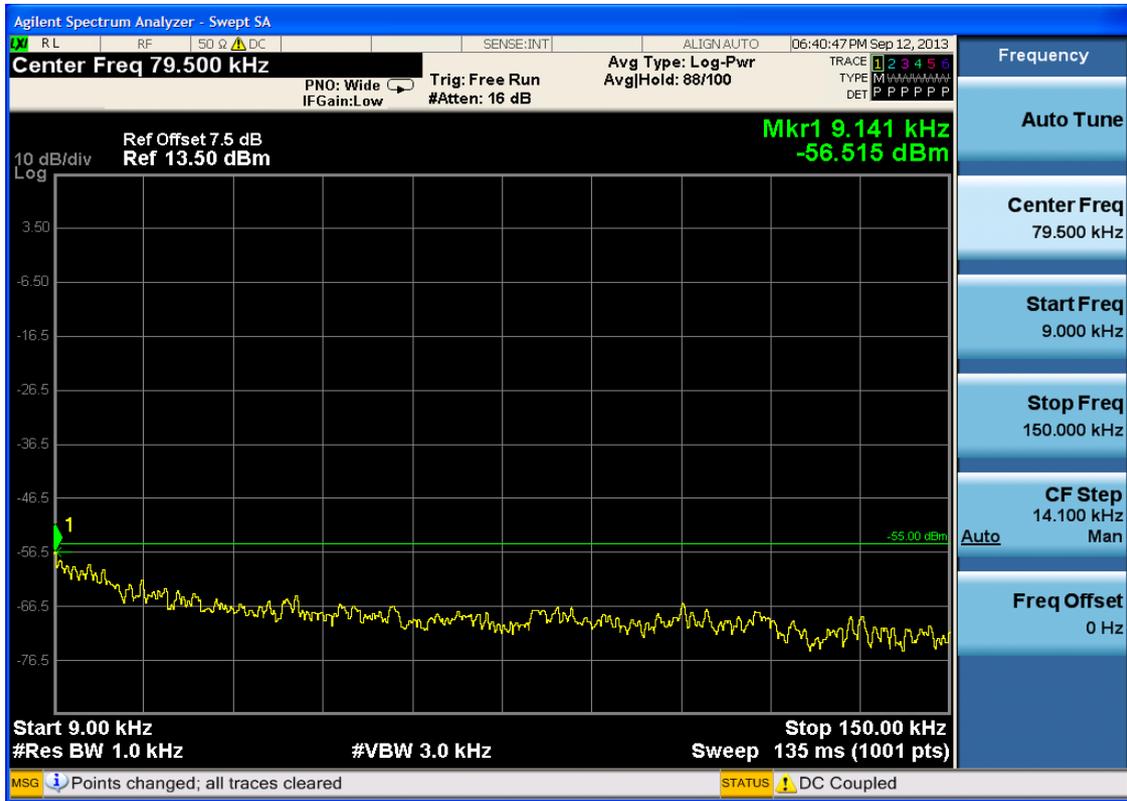
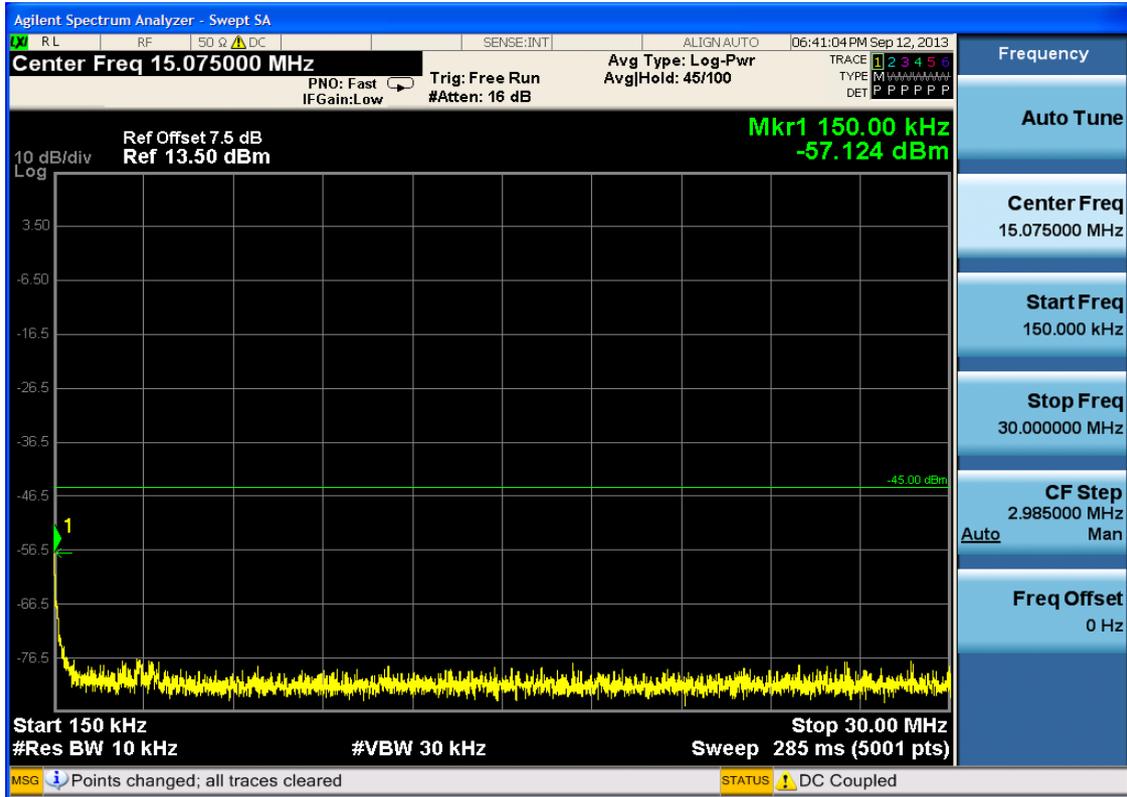
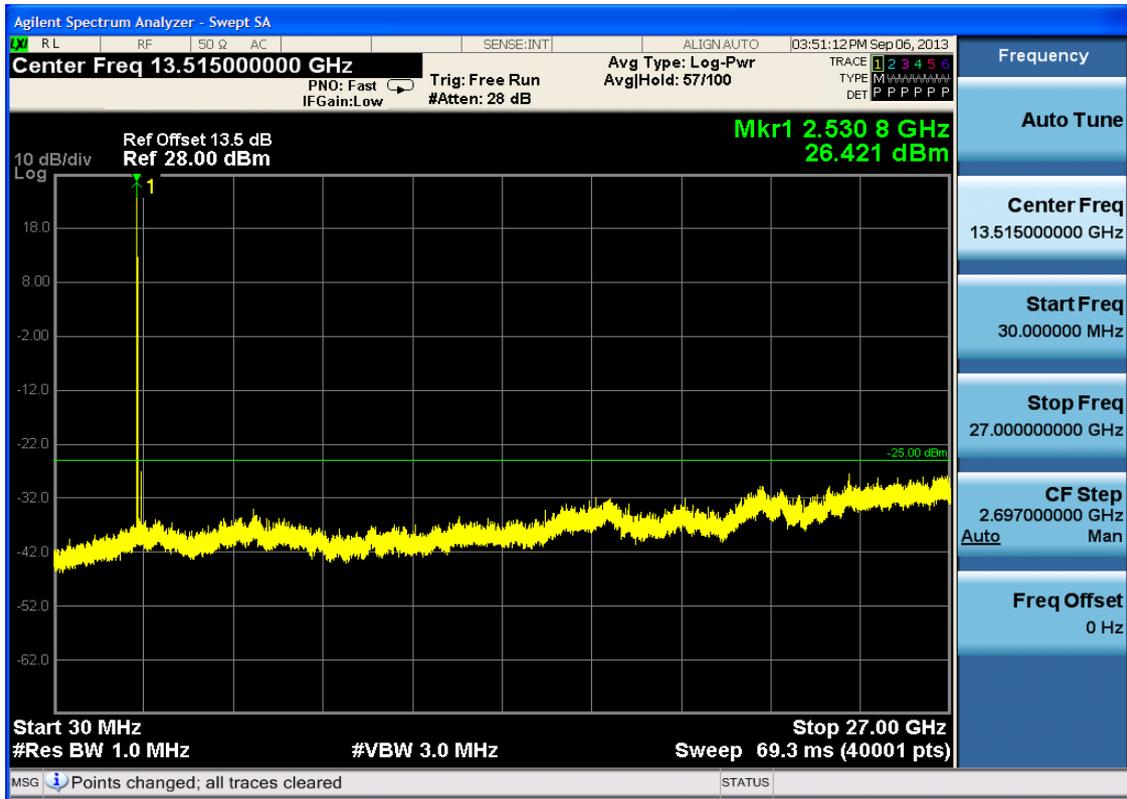


6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0

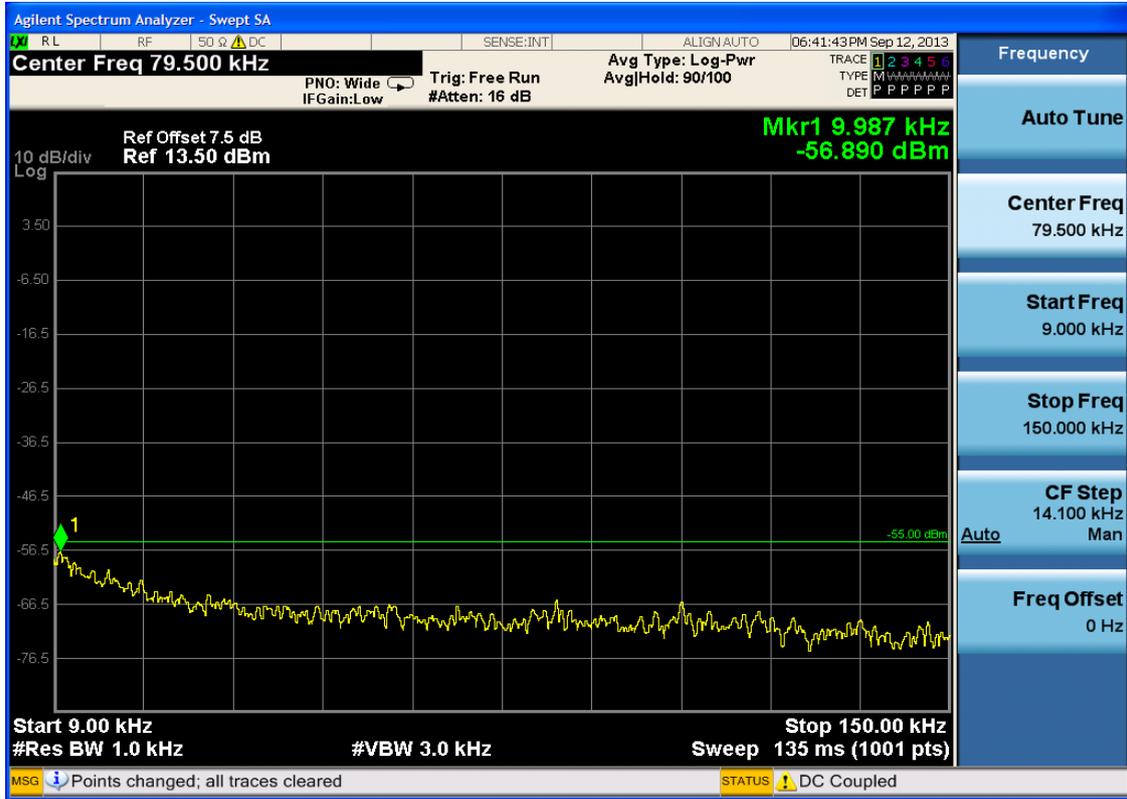


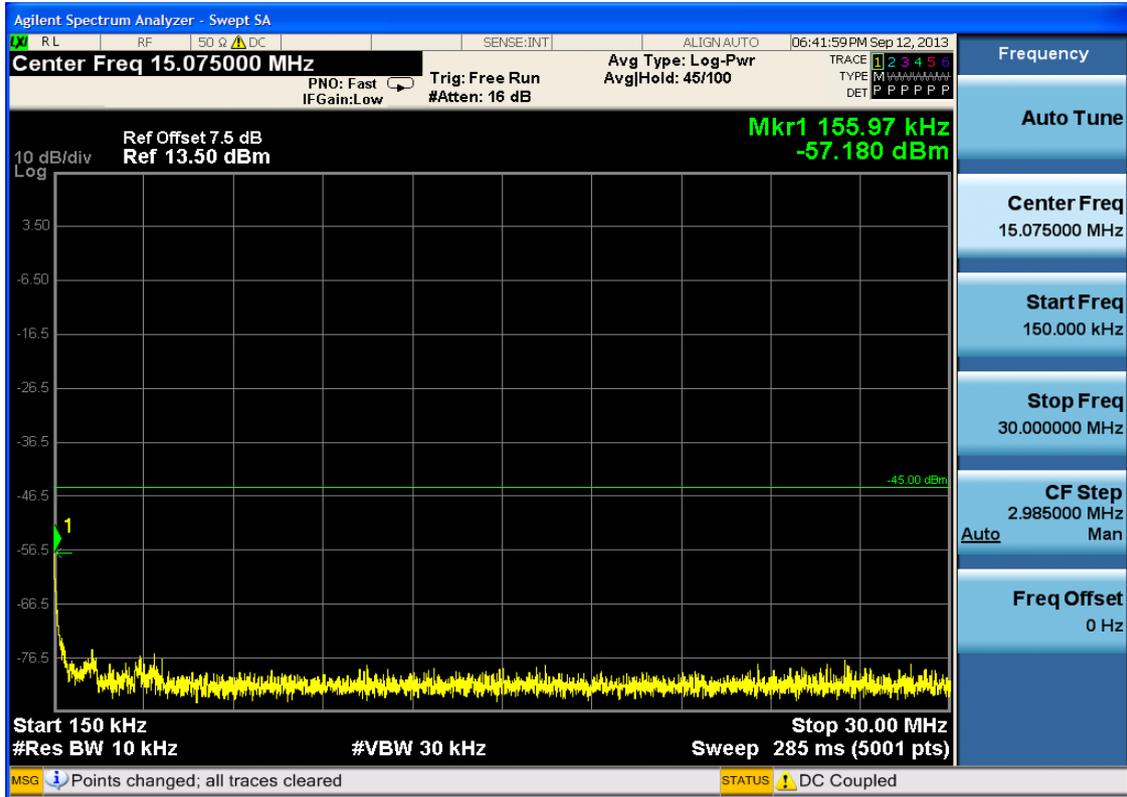


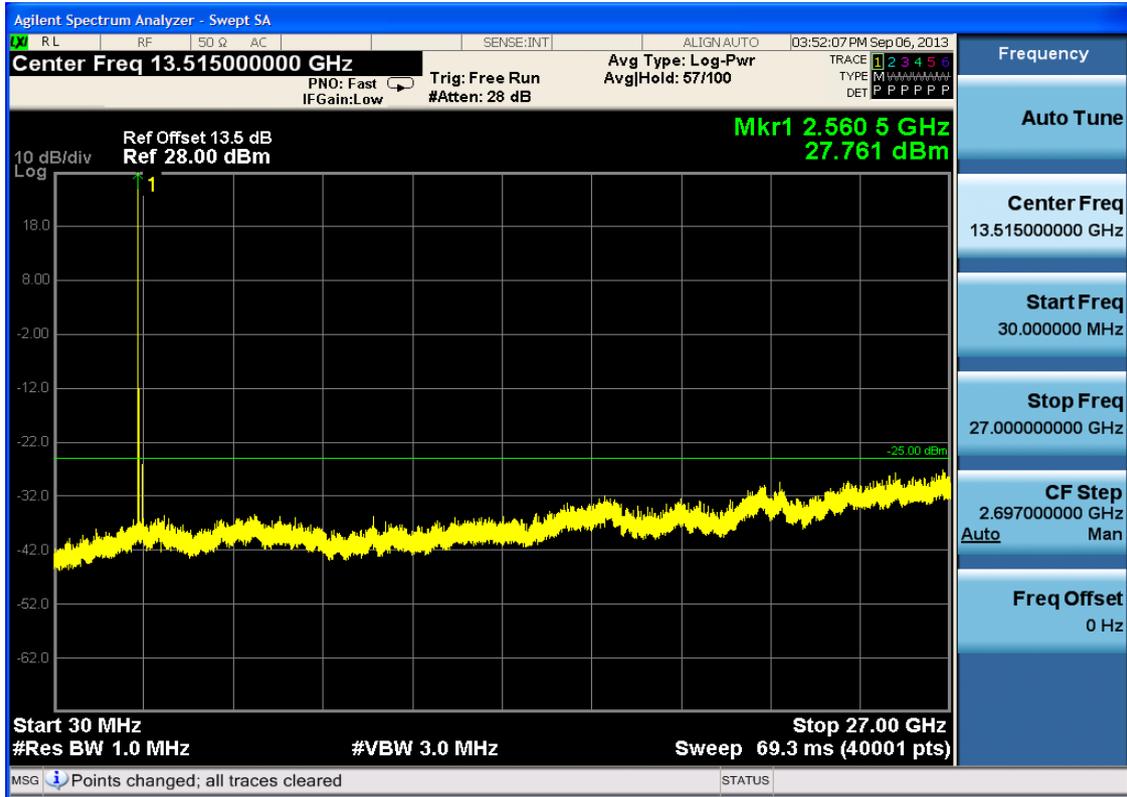


6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0



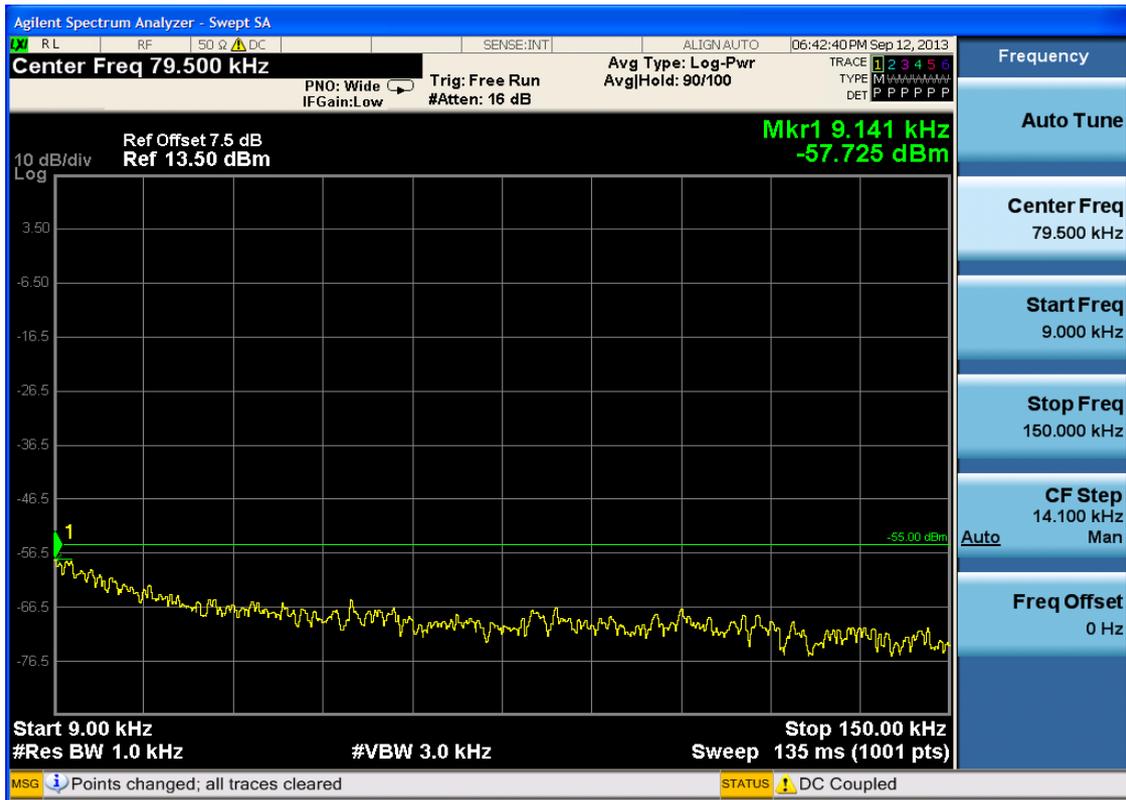


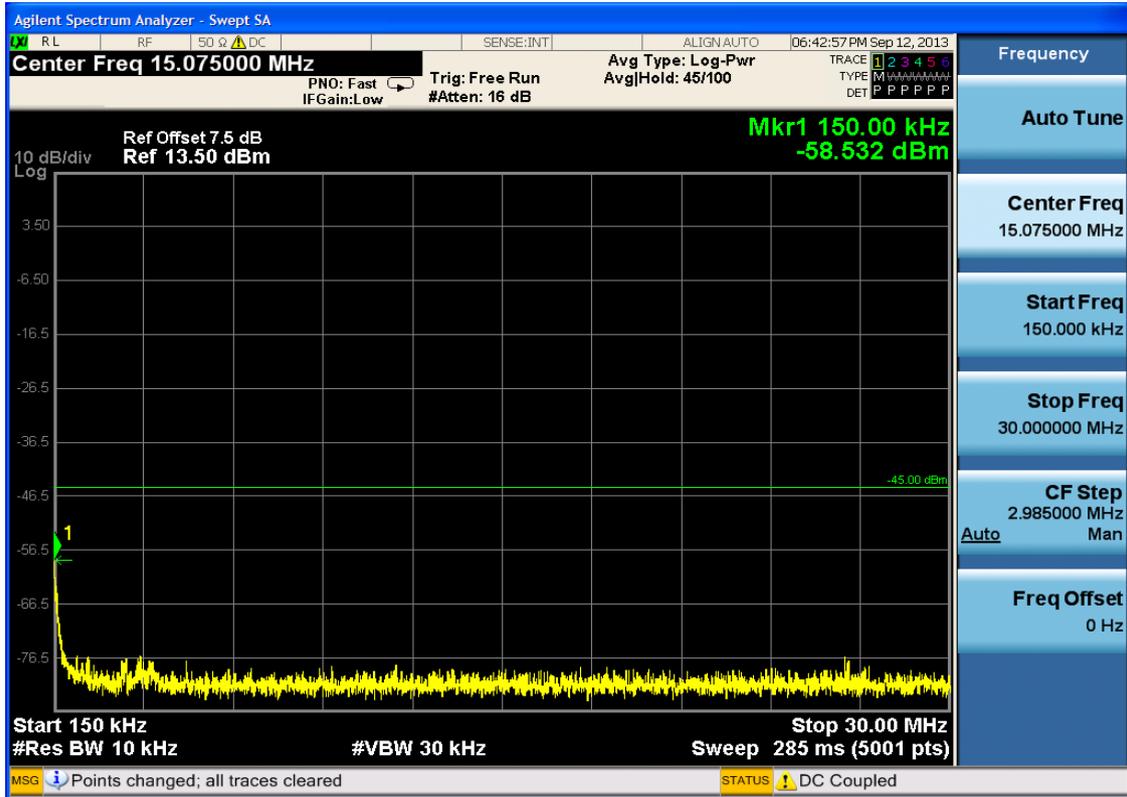


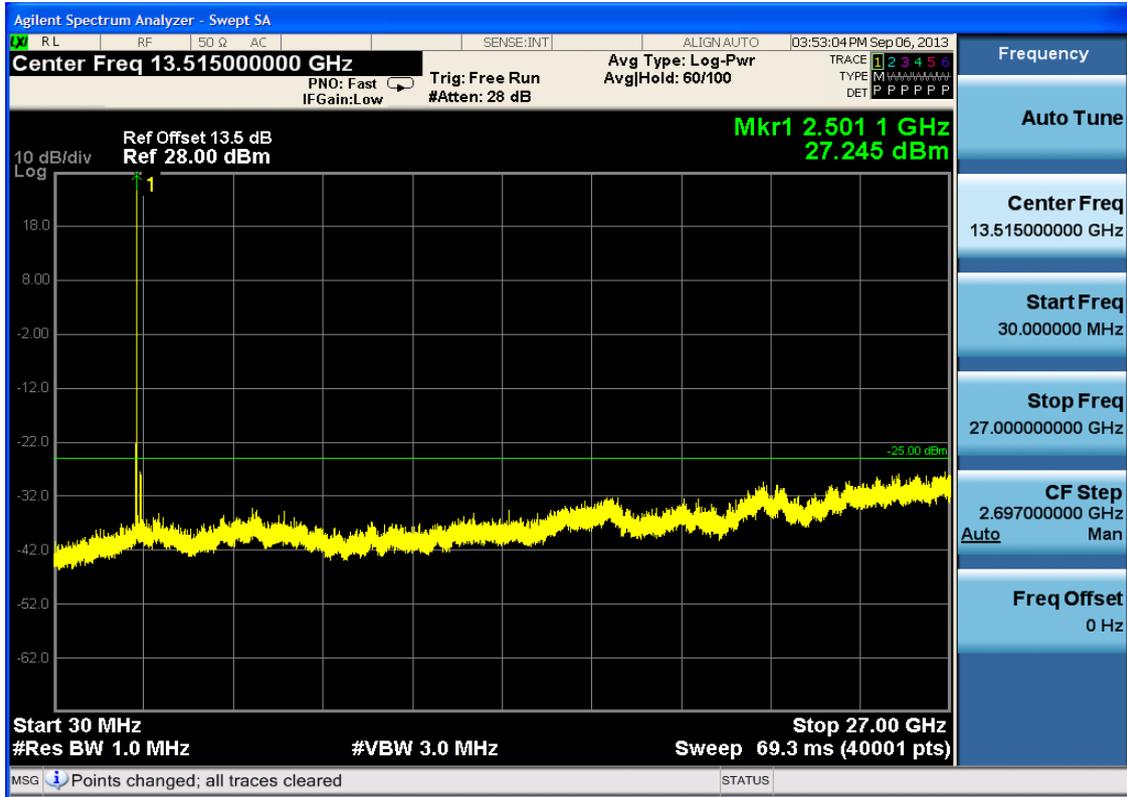
6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0

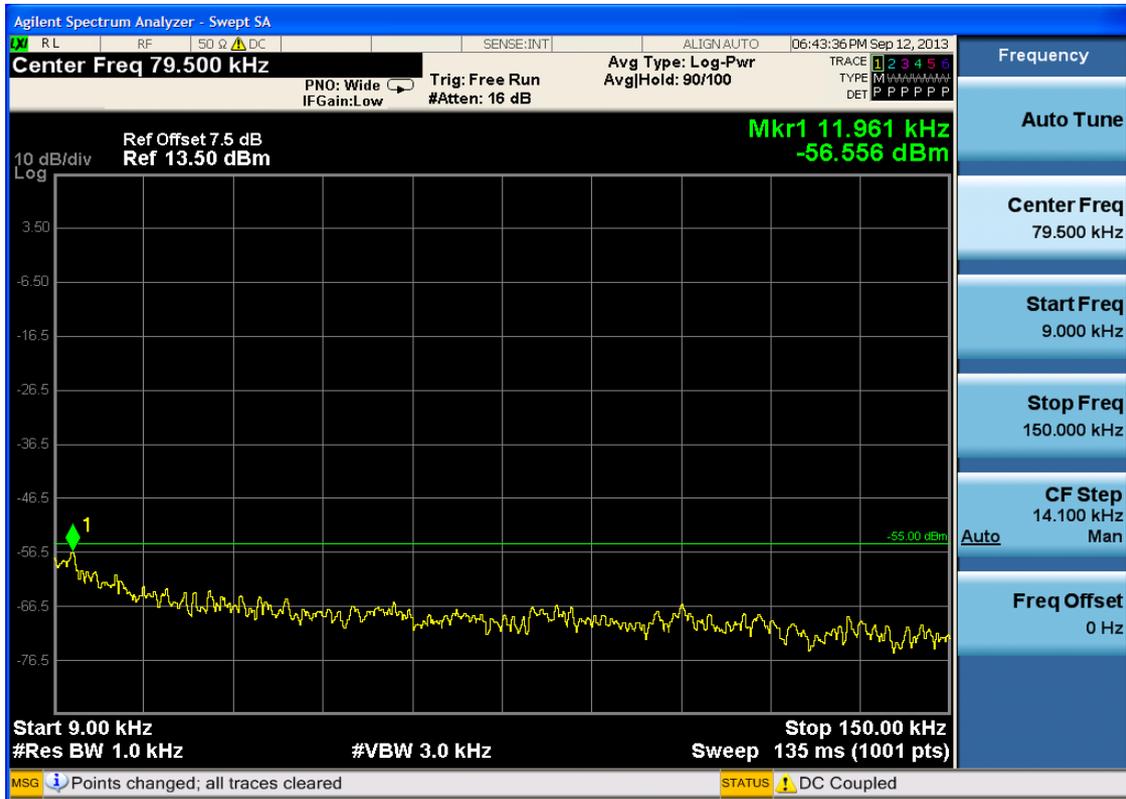


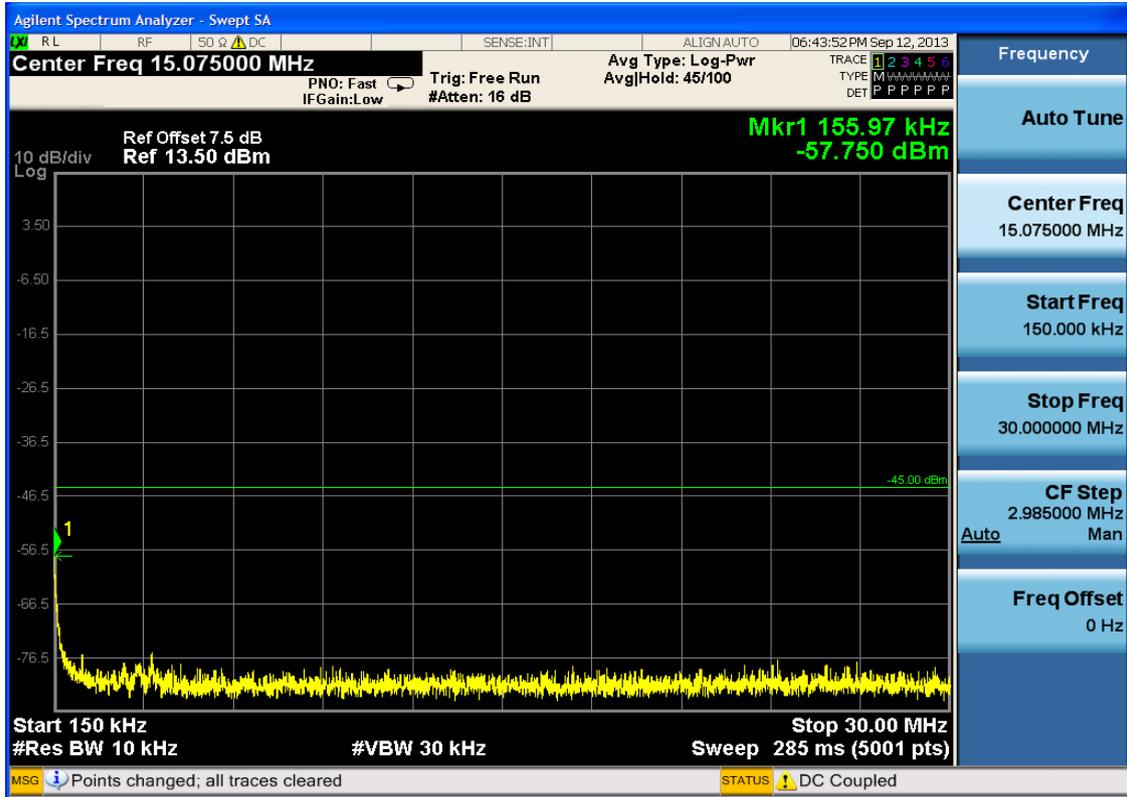


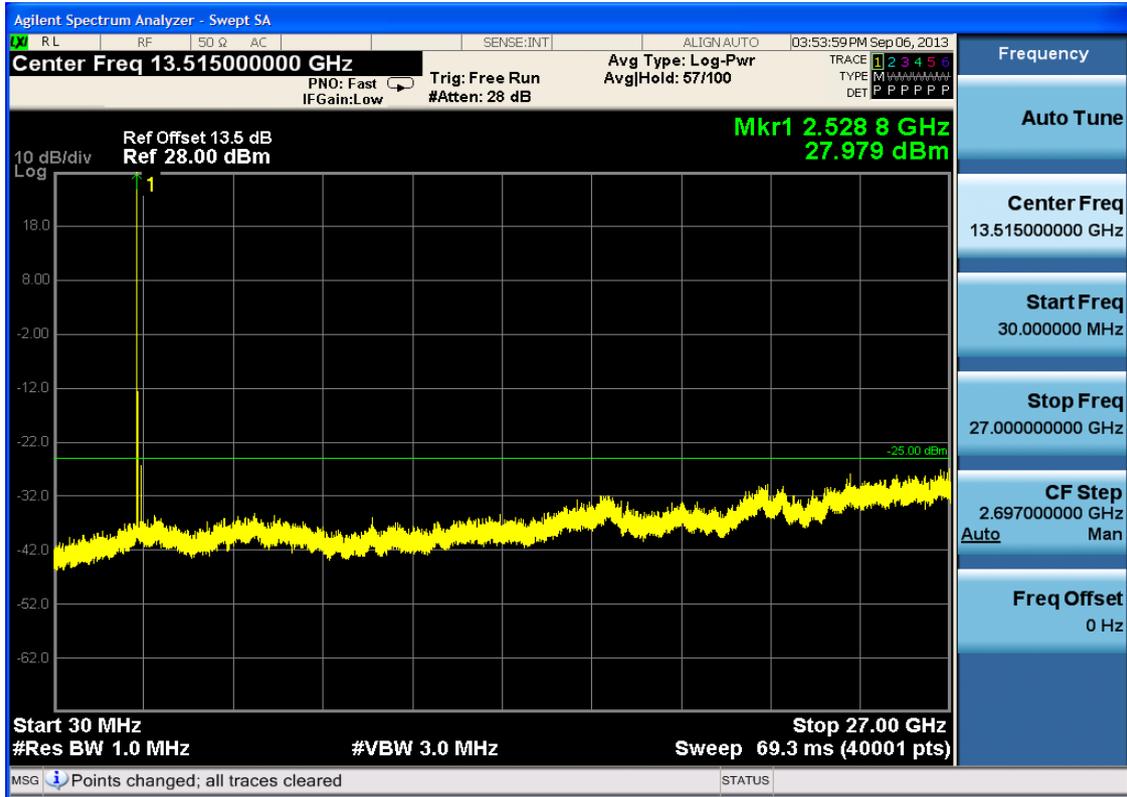


6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0

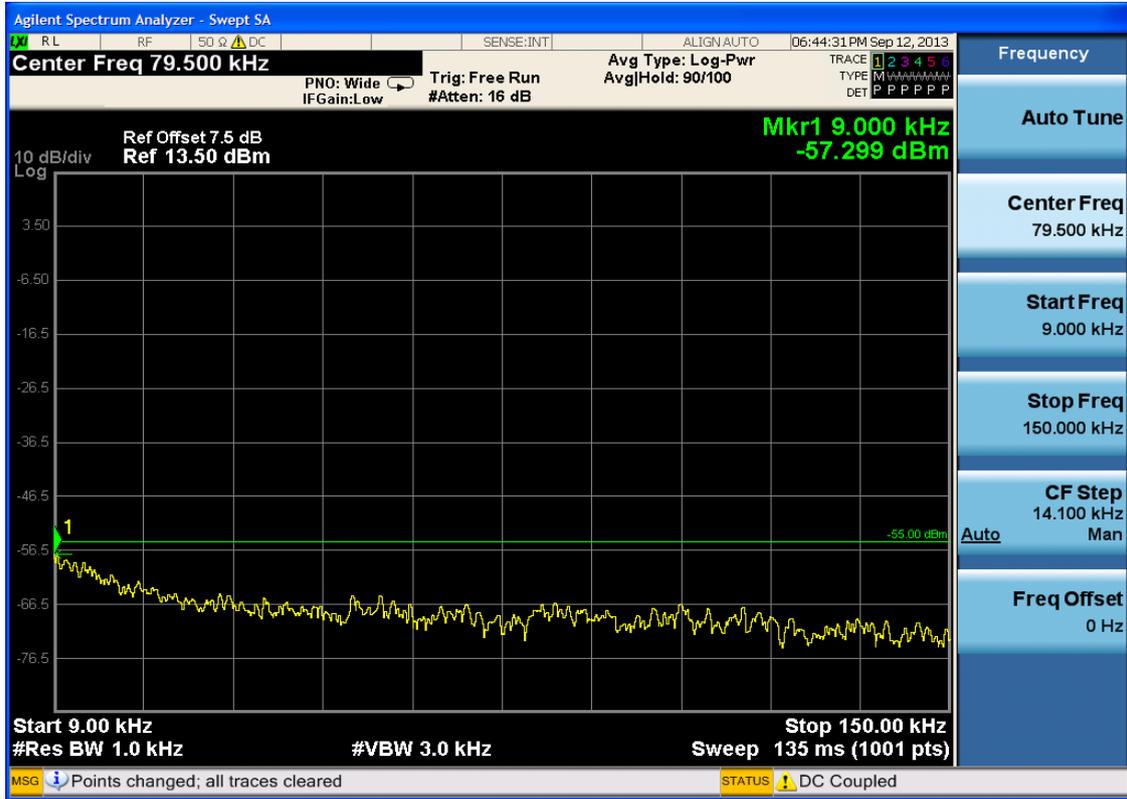


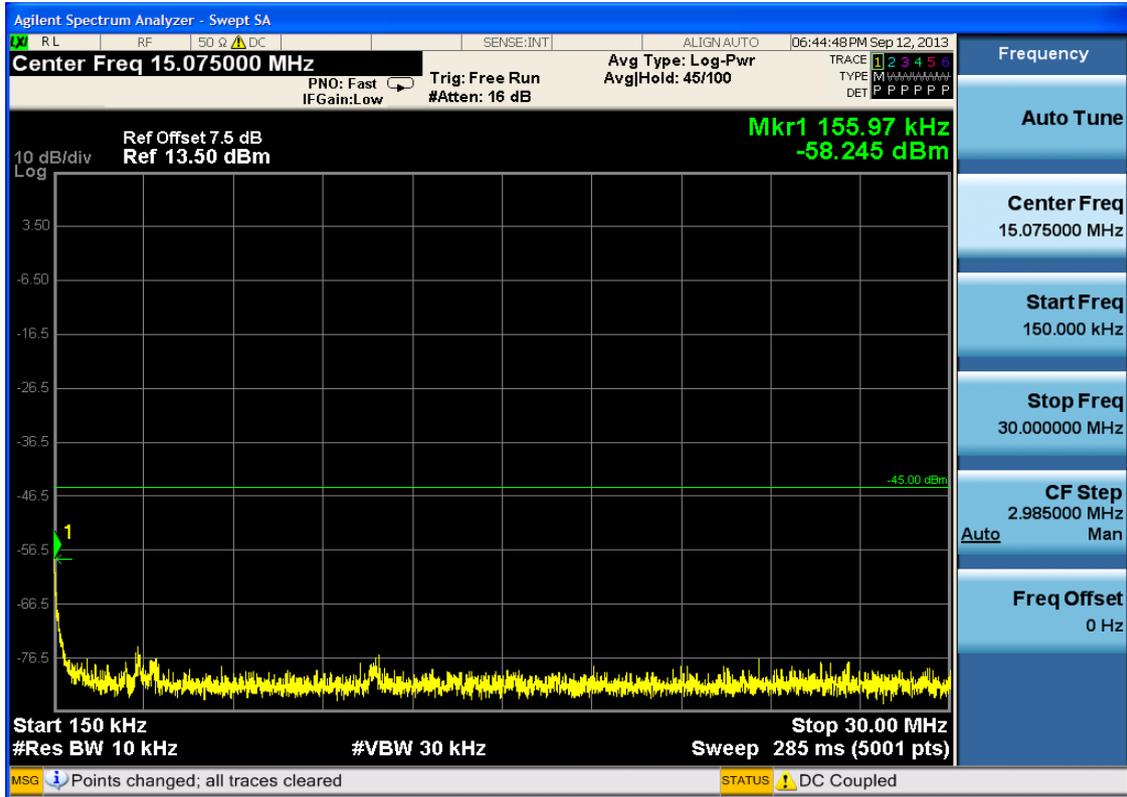


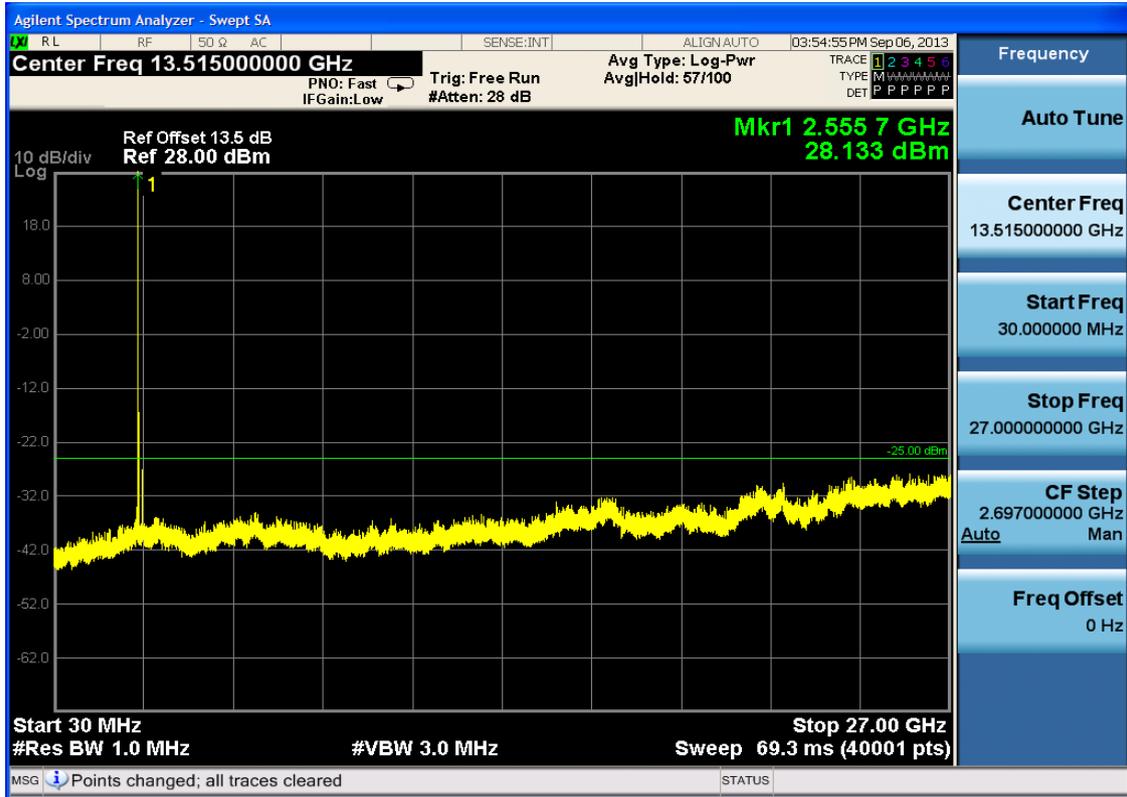


6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0



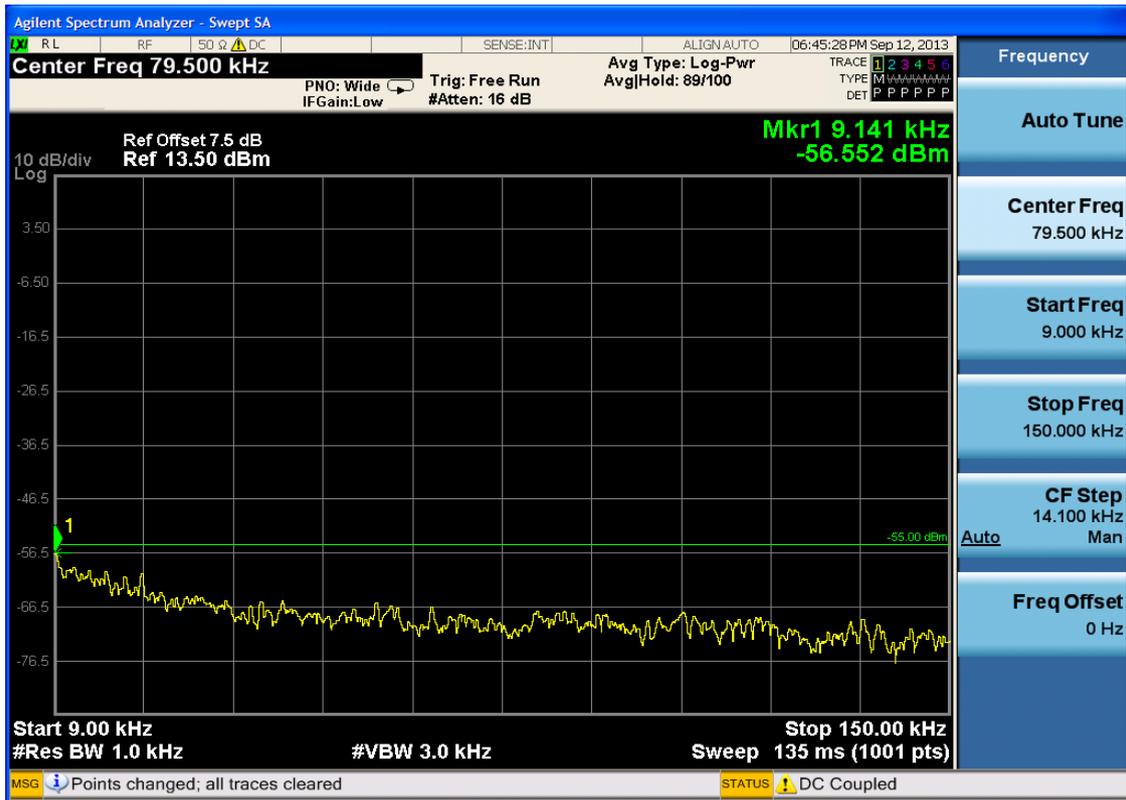


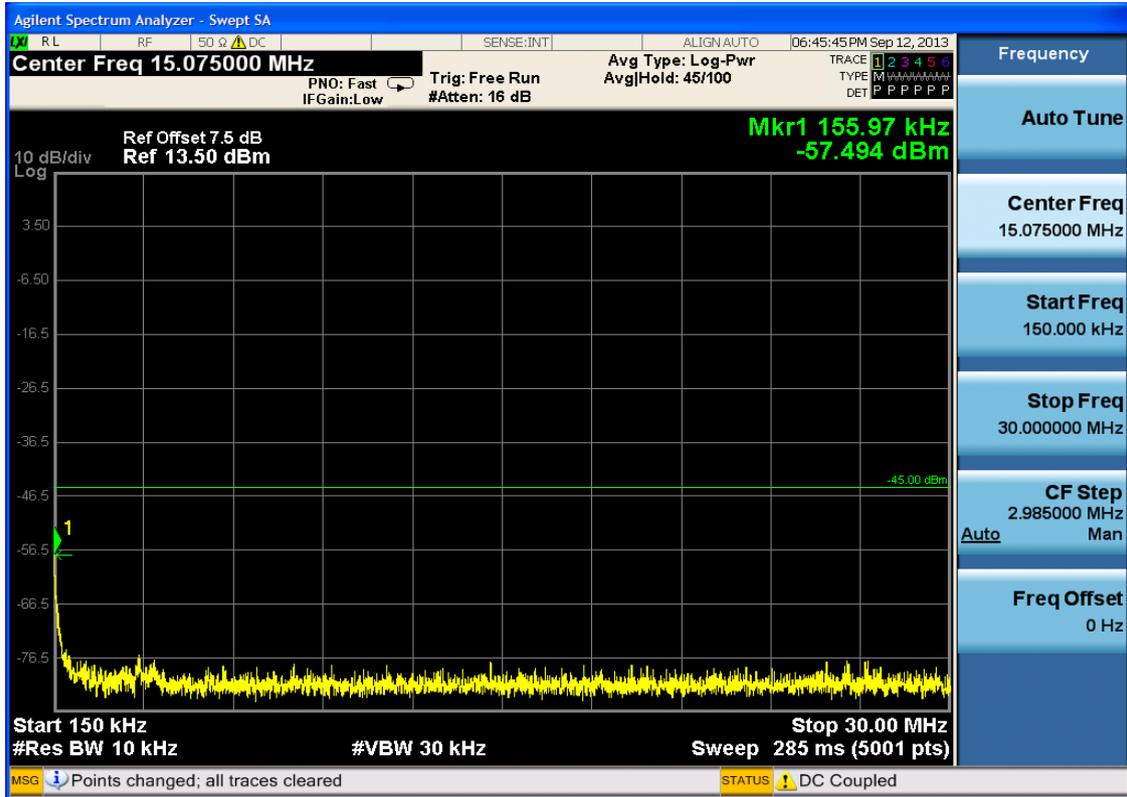


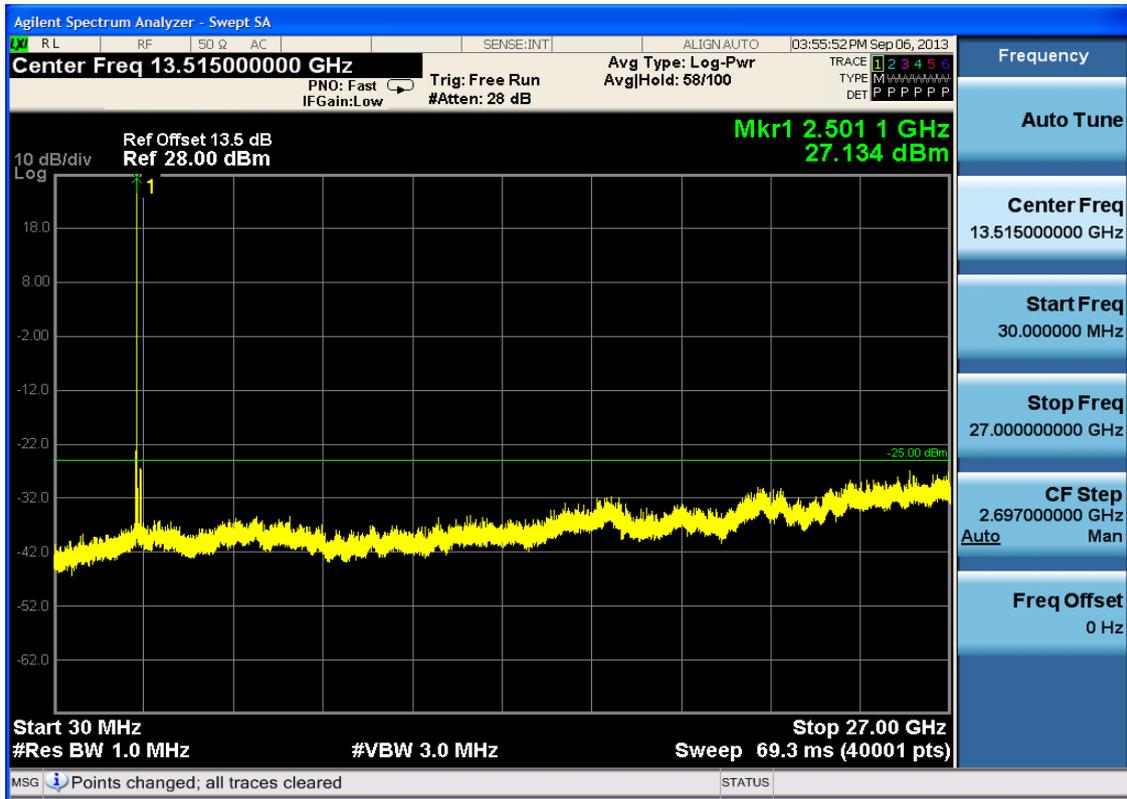
6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0

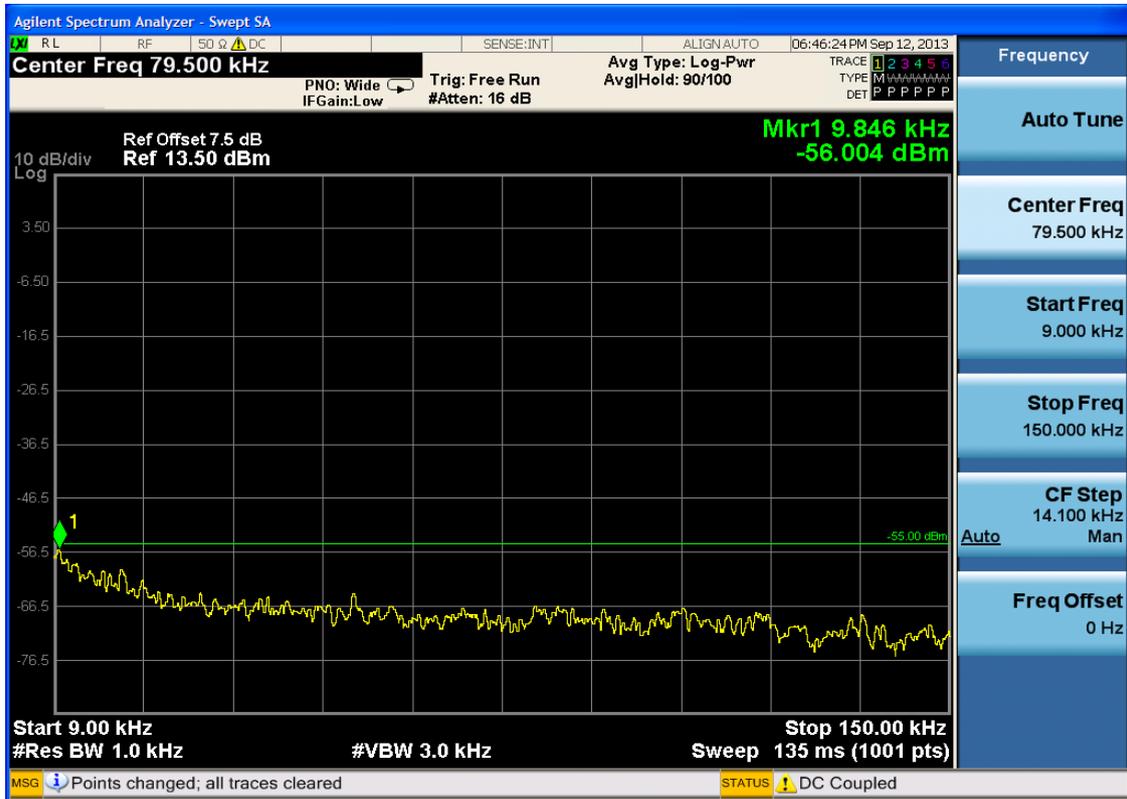




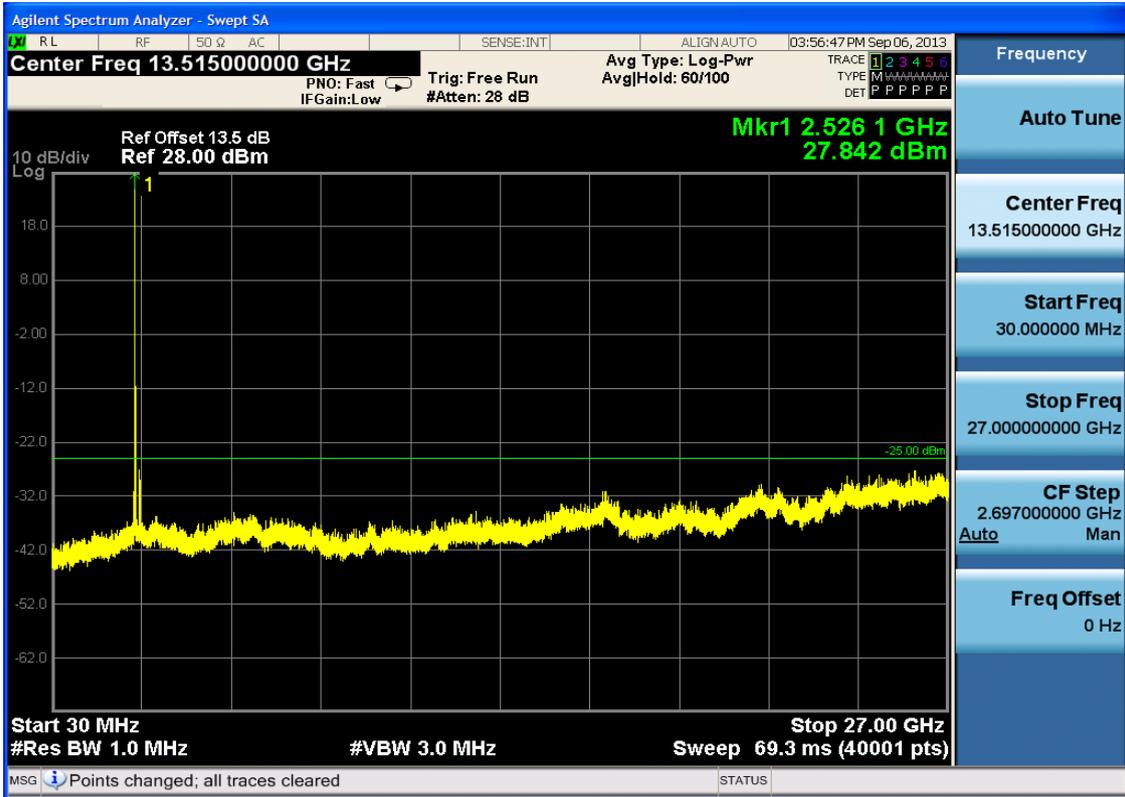


6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0

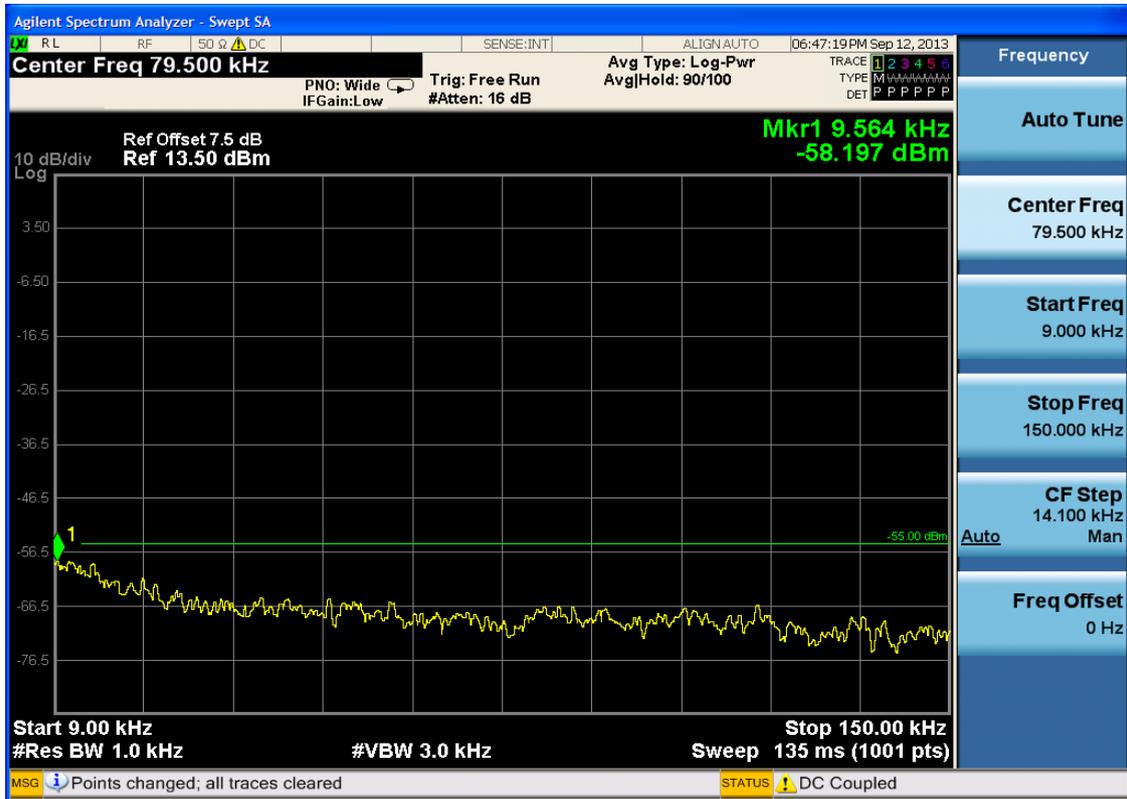


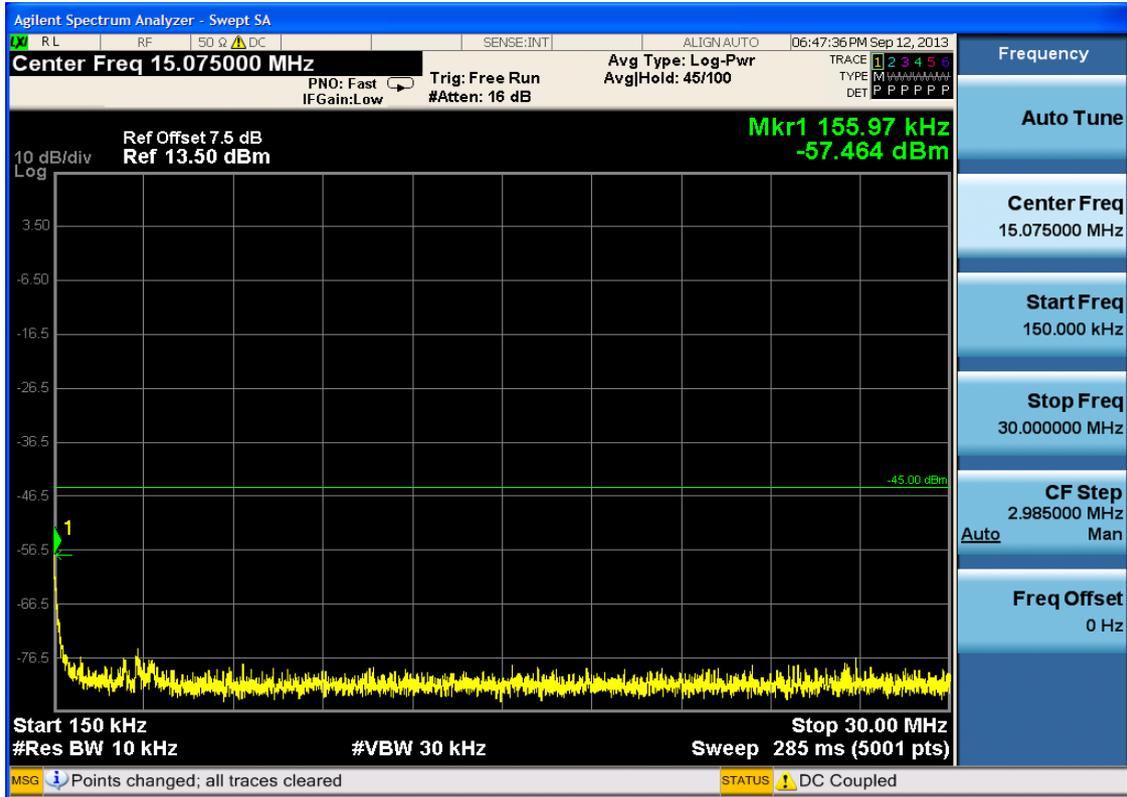


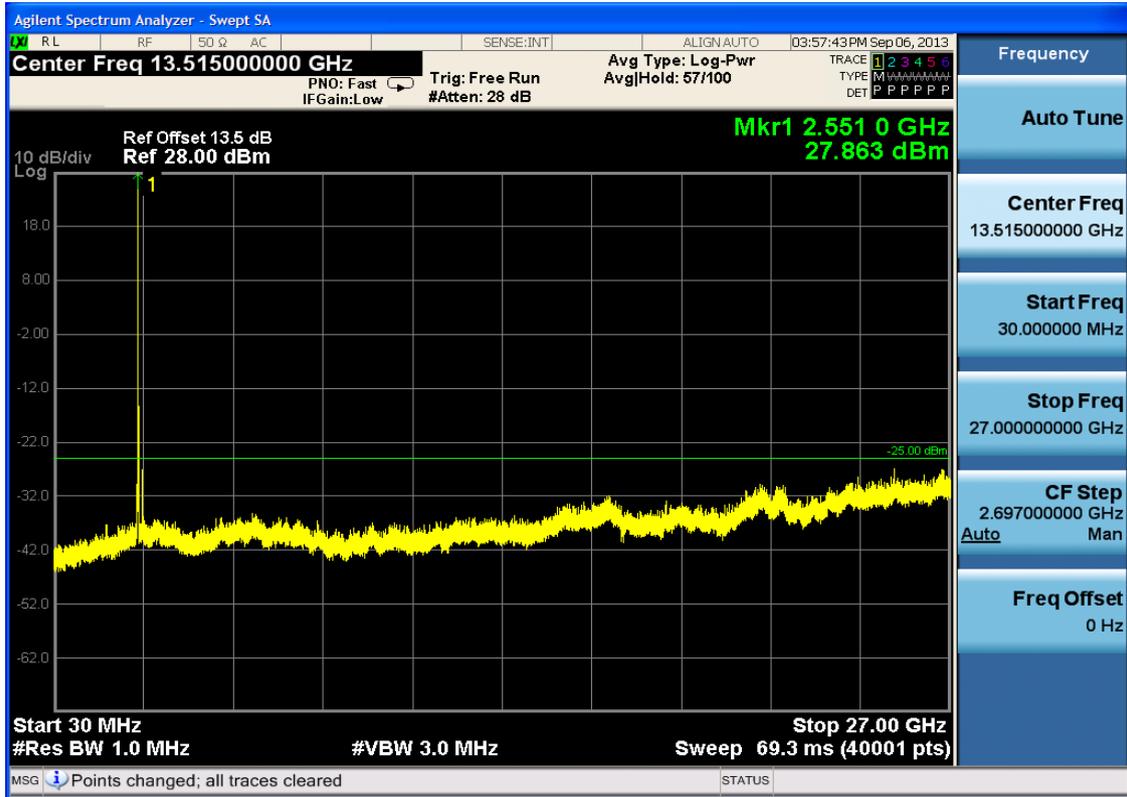


6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







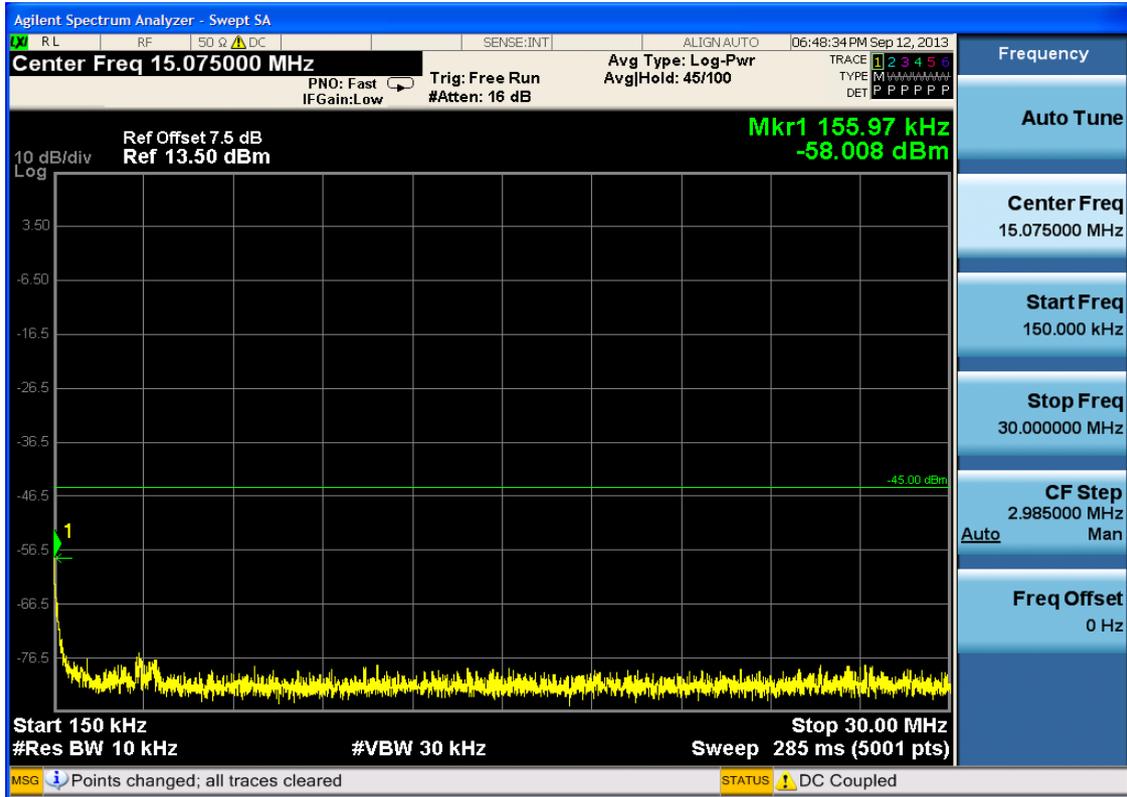
6.2.1.2 Test Mode = LTE/TM2

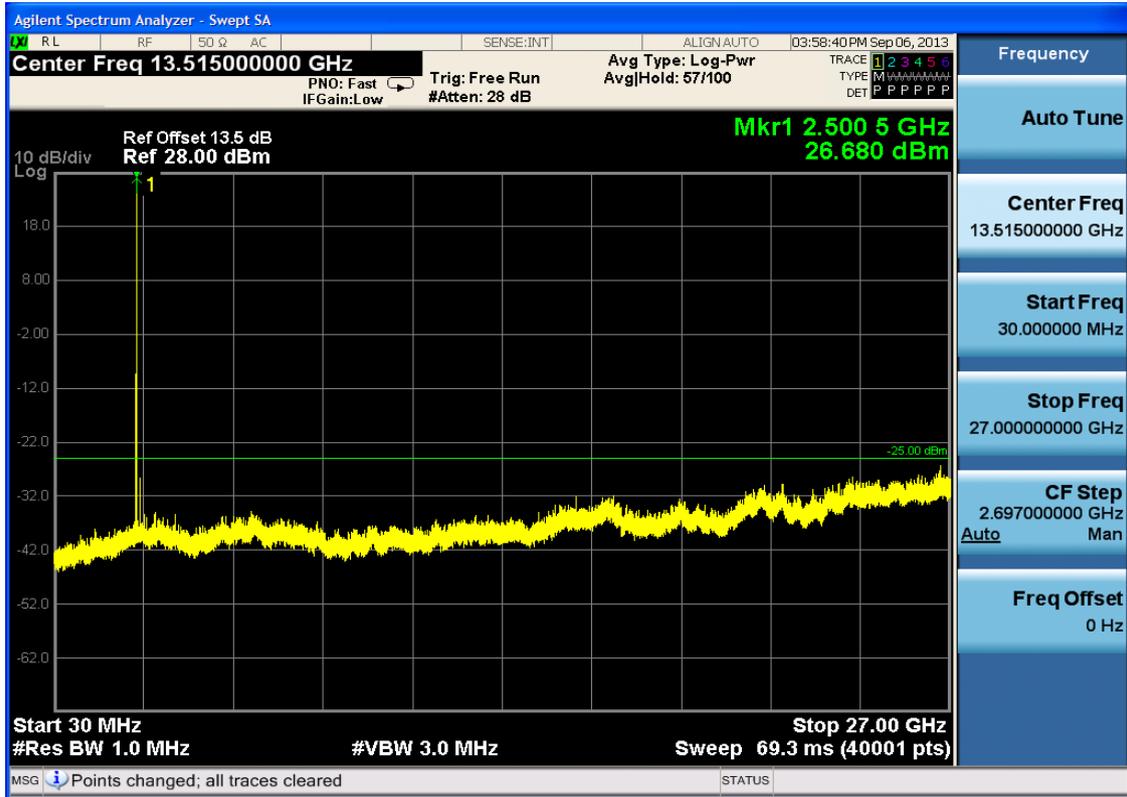
6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0



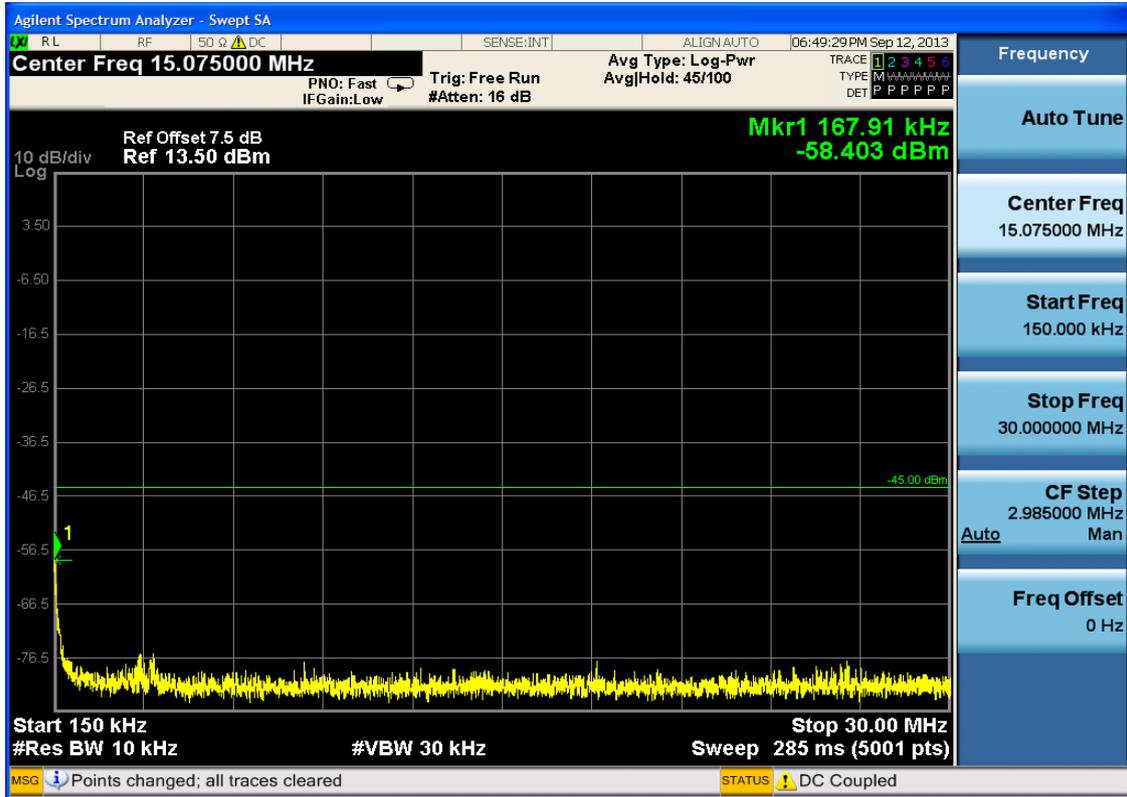


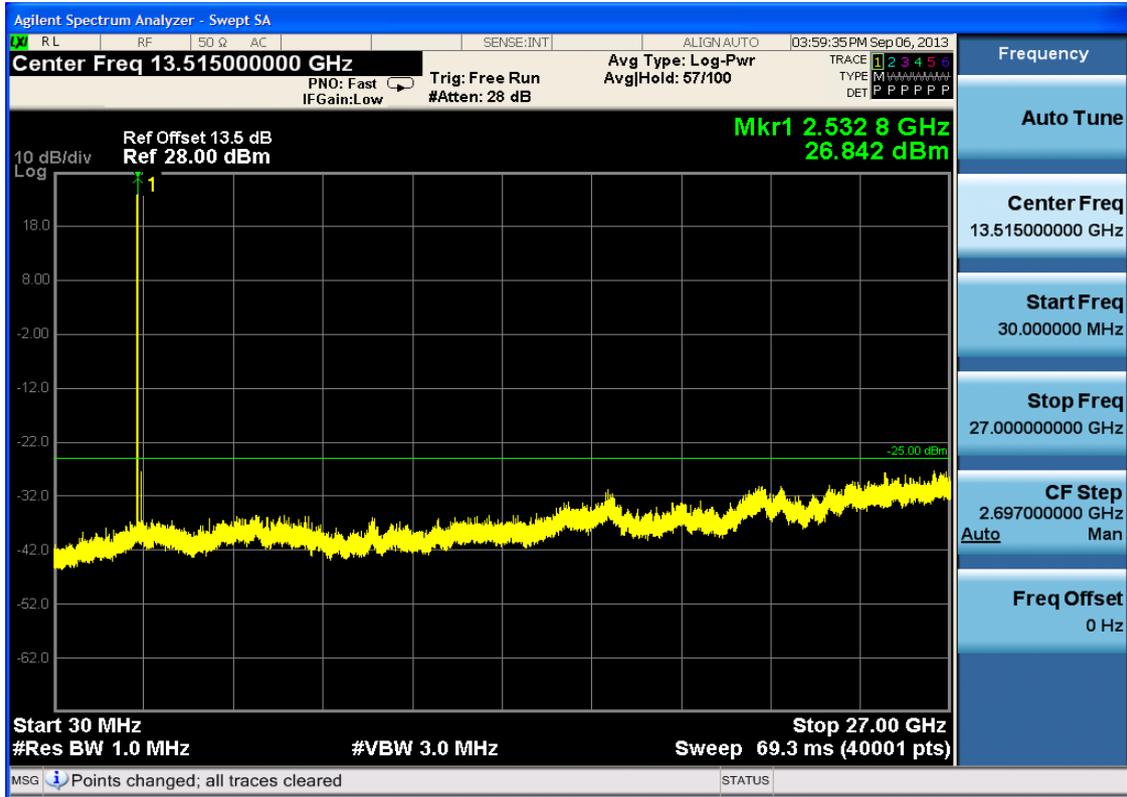


6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0





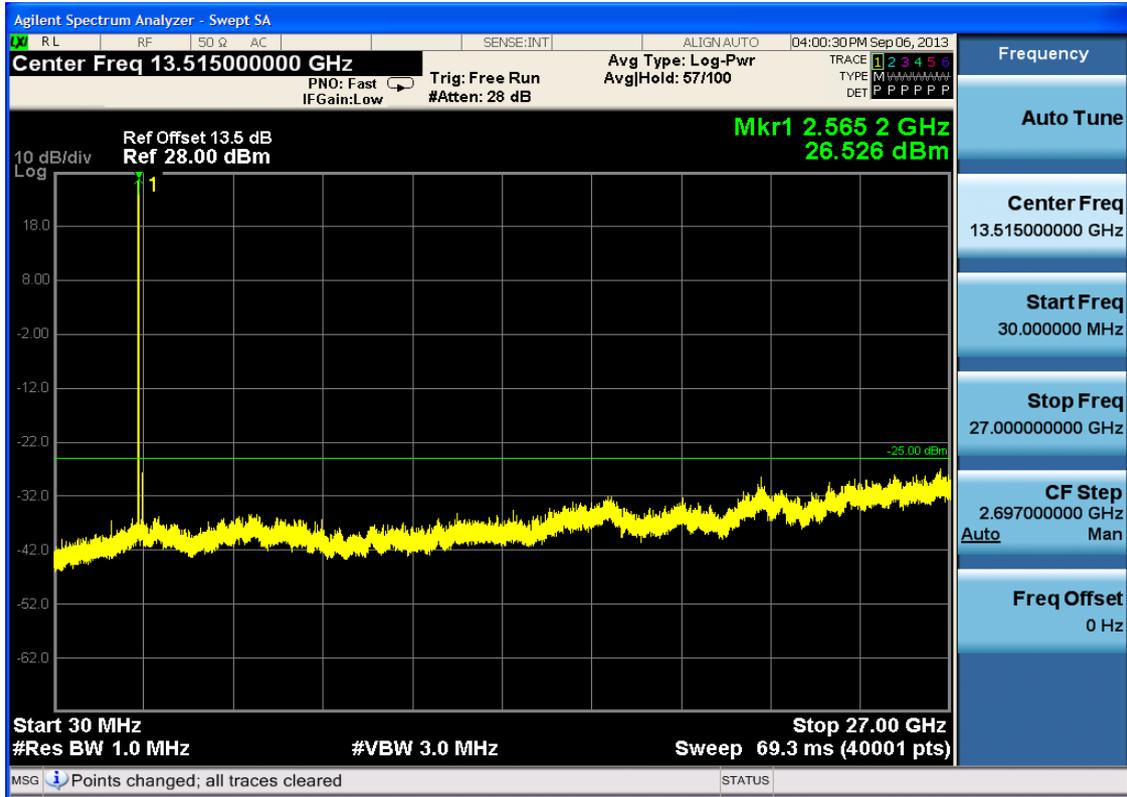


6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0



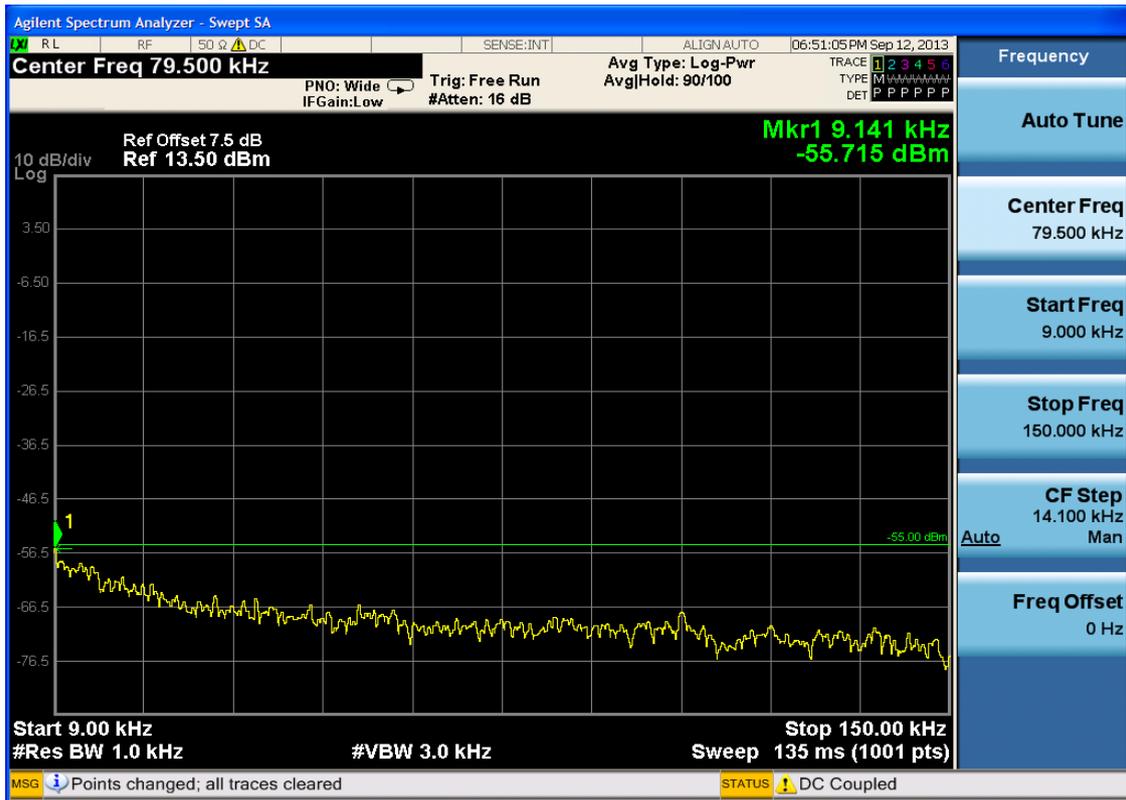


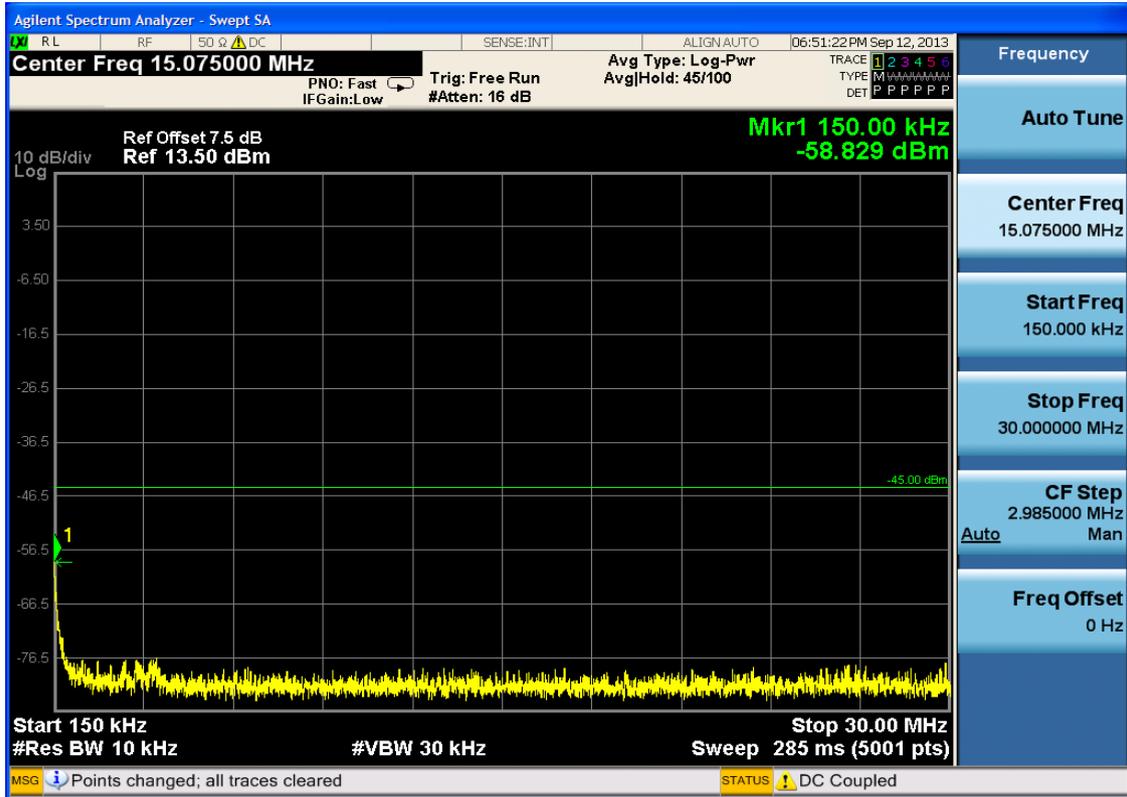


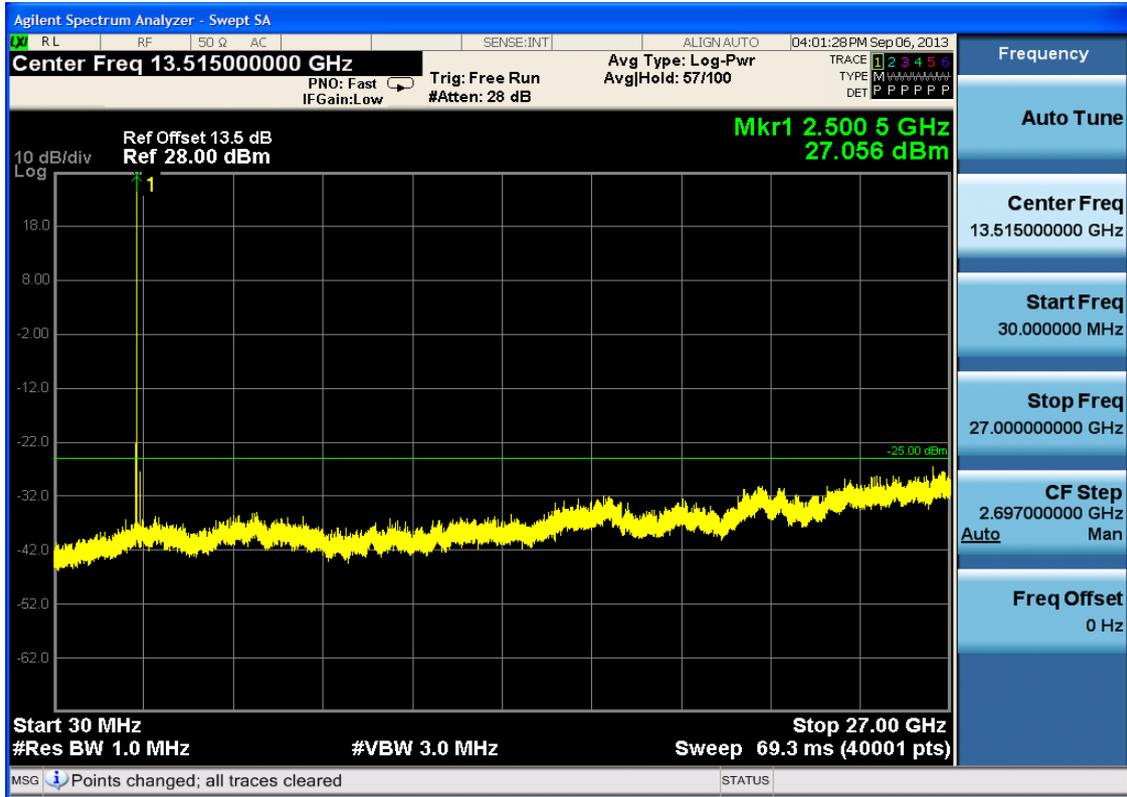
6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0

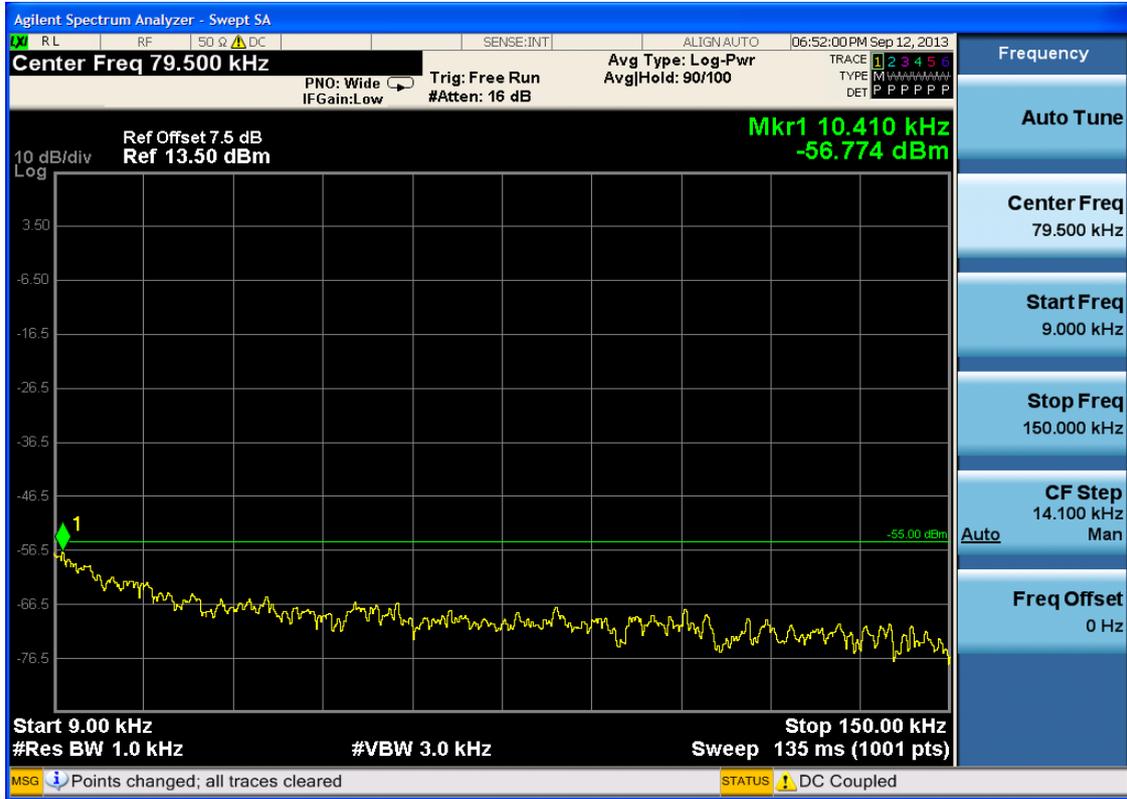


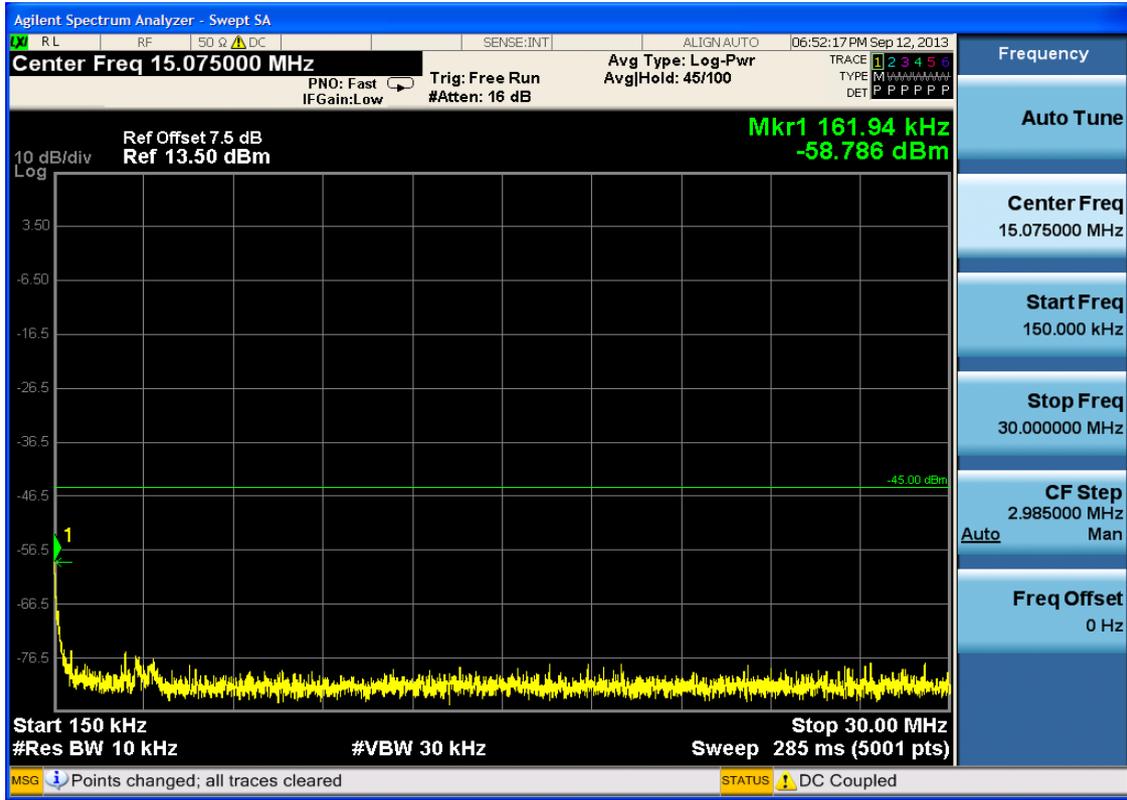


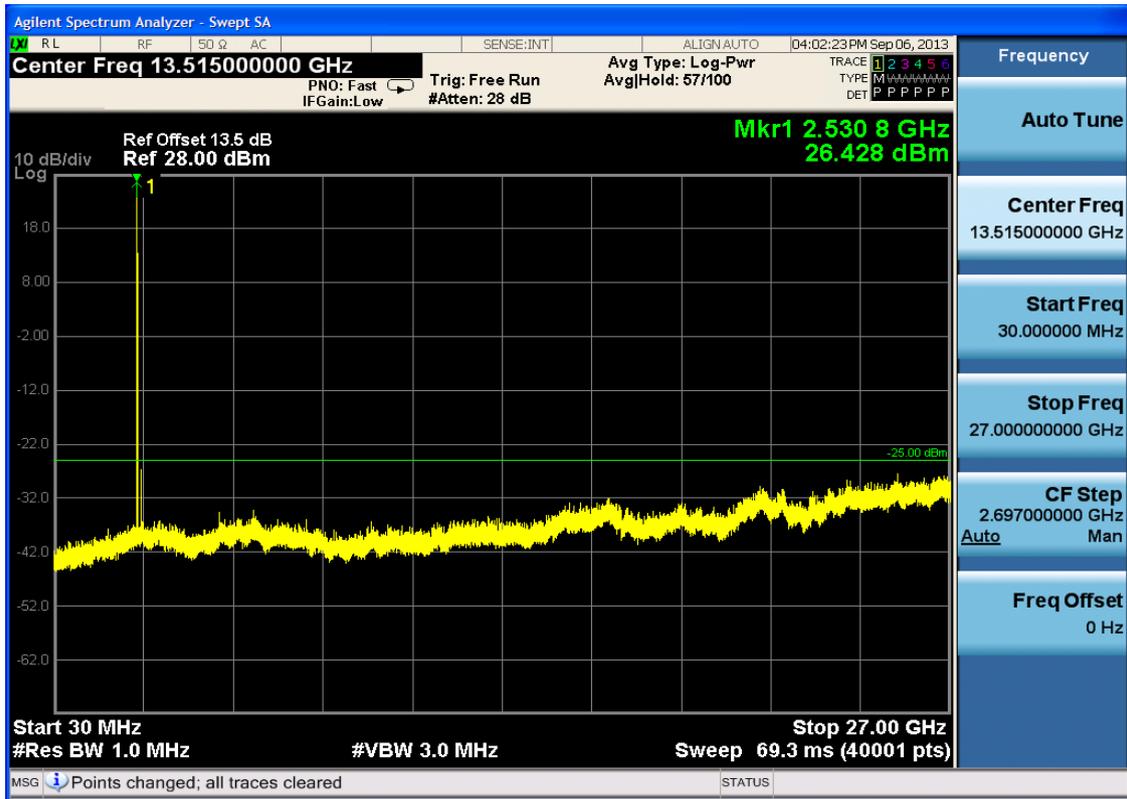


6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0

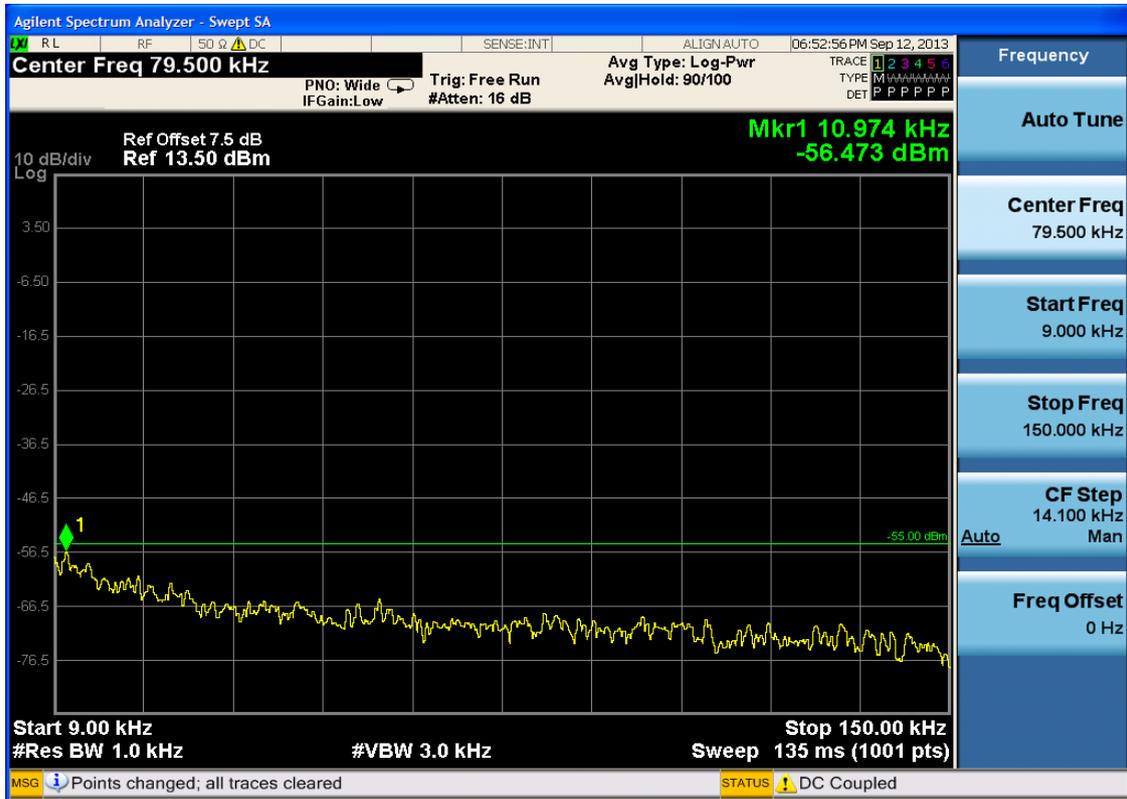


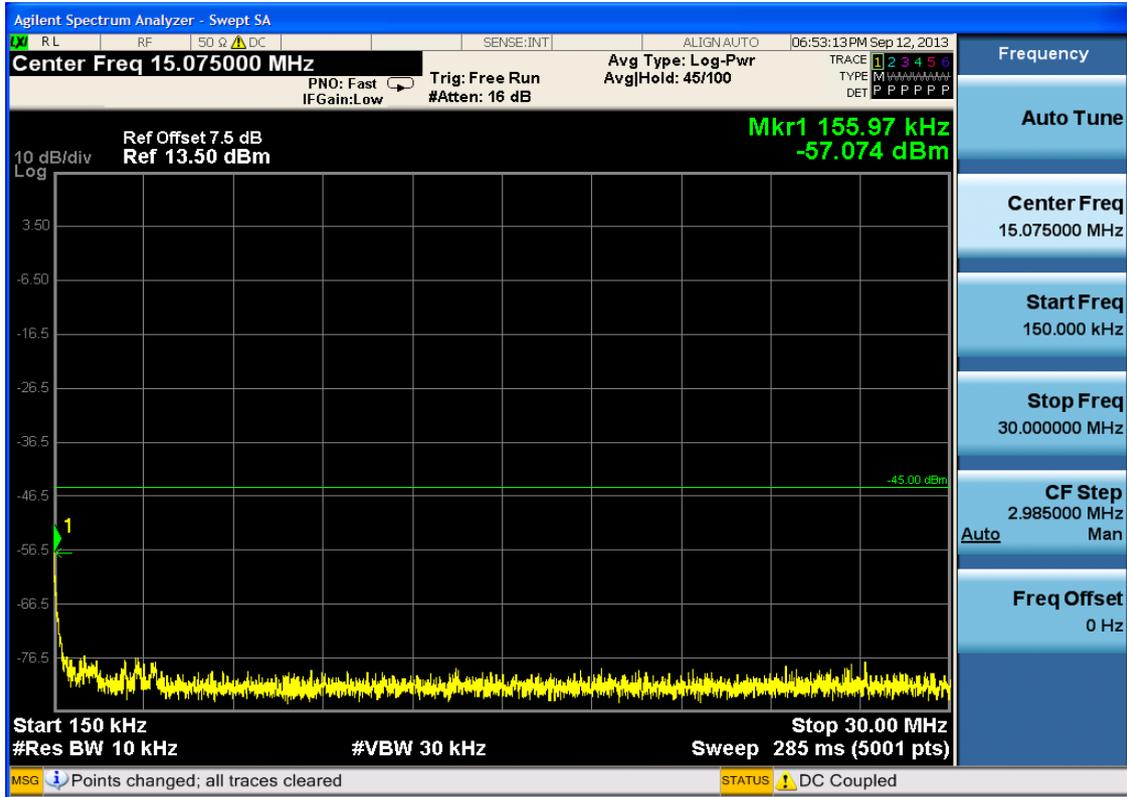


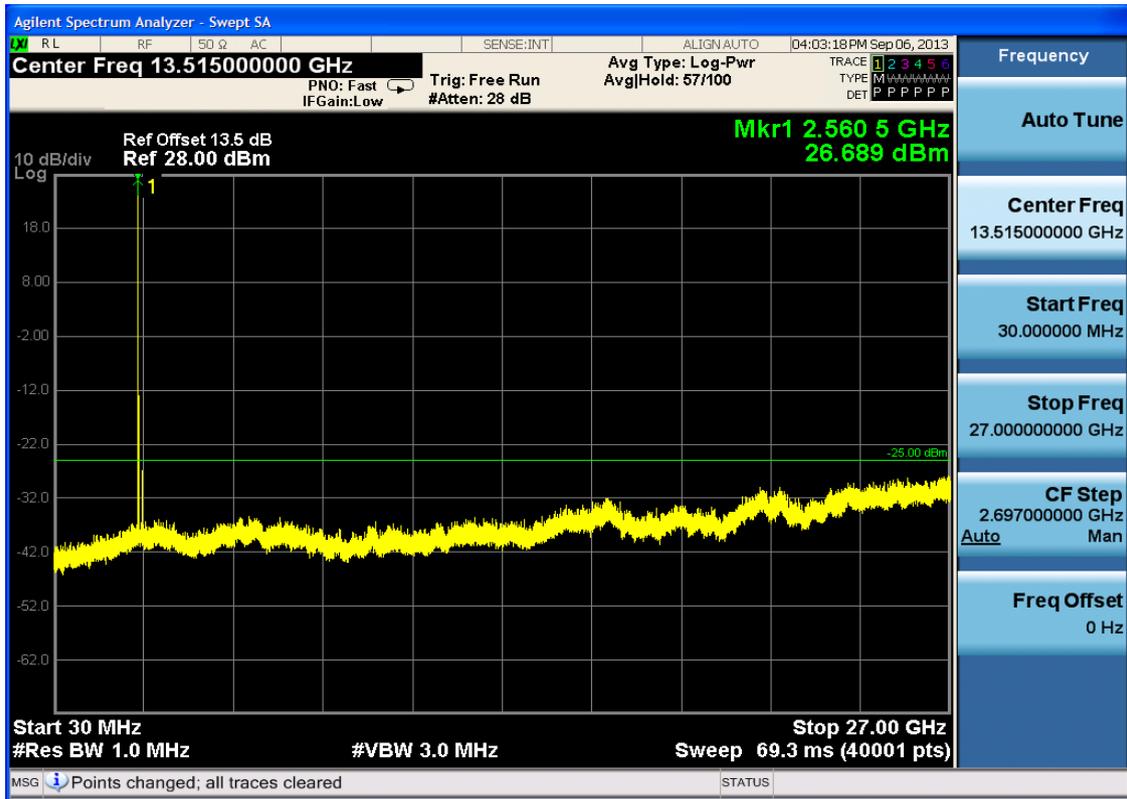


6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0





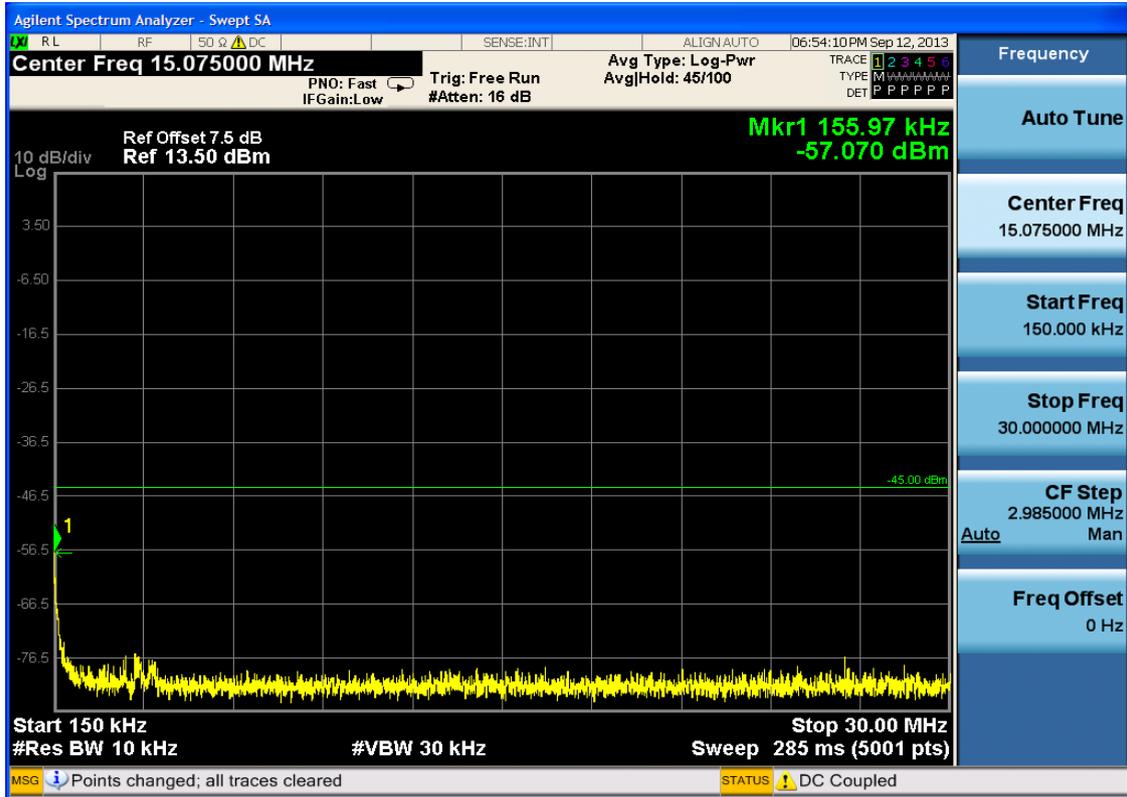


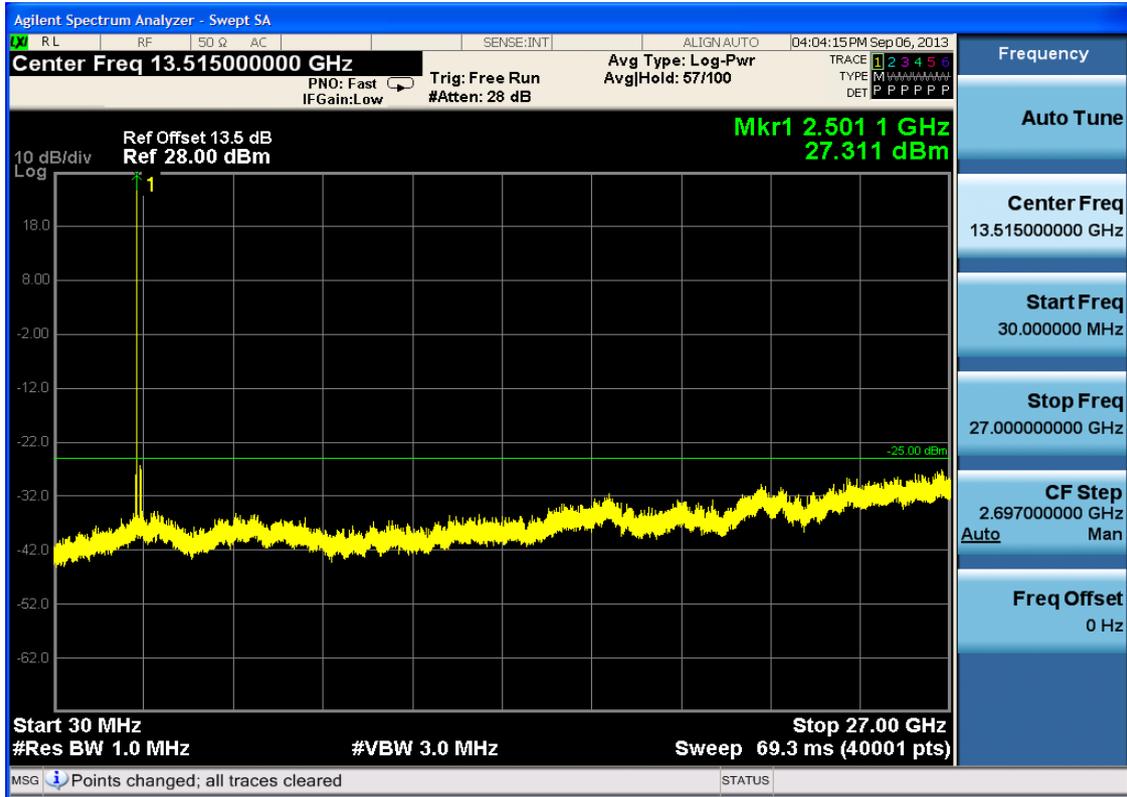
6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

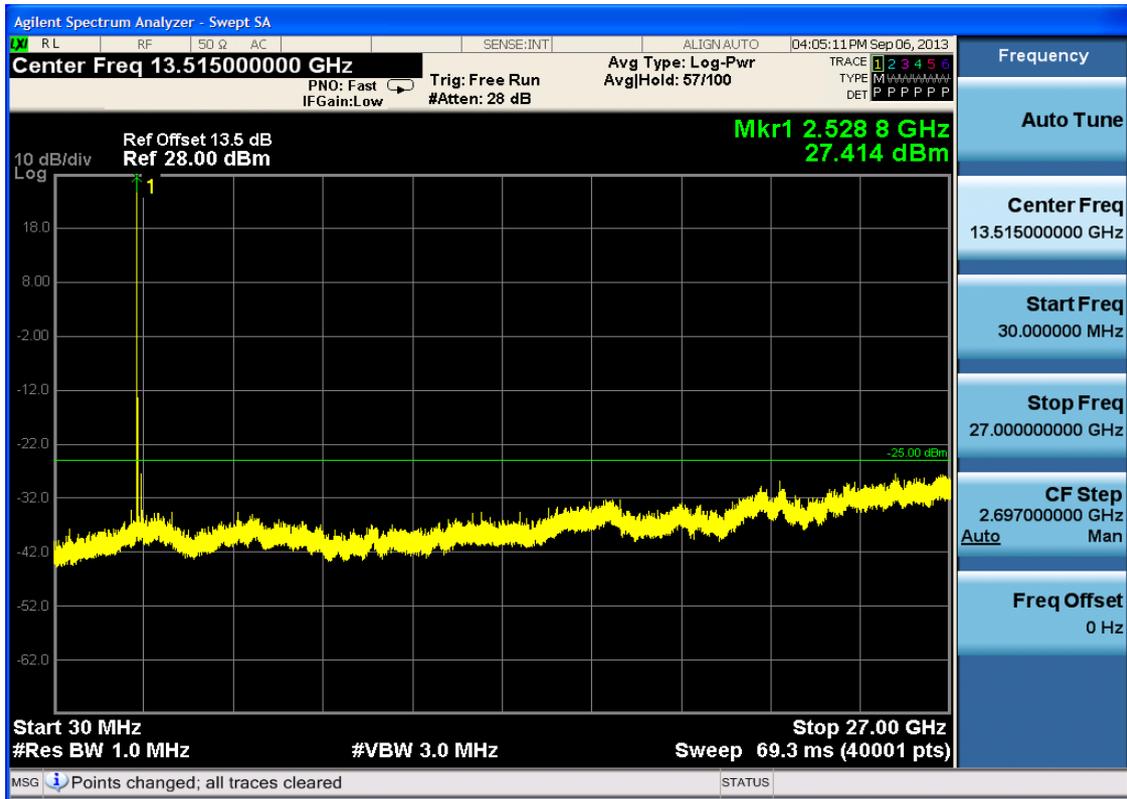
6.2.1.2.3.1.1 Test RB = RB1#0





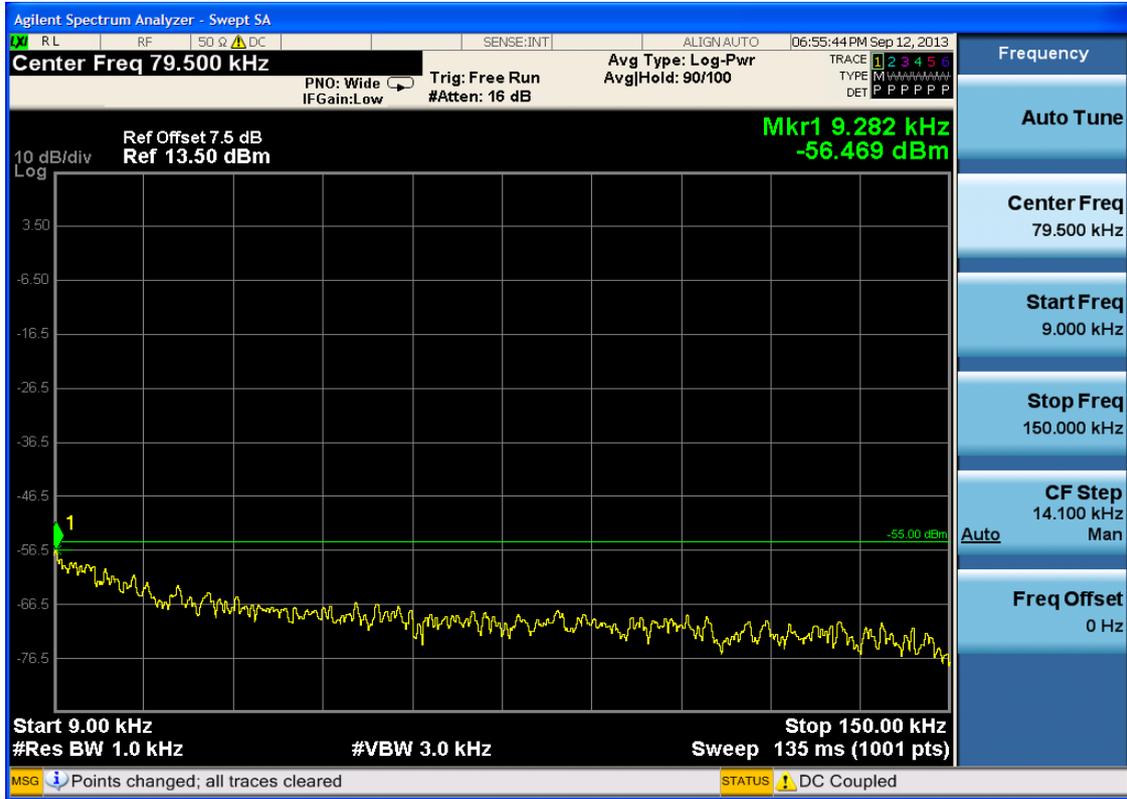


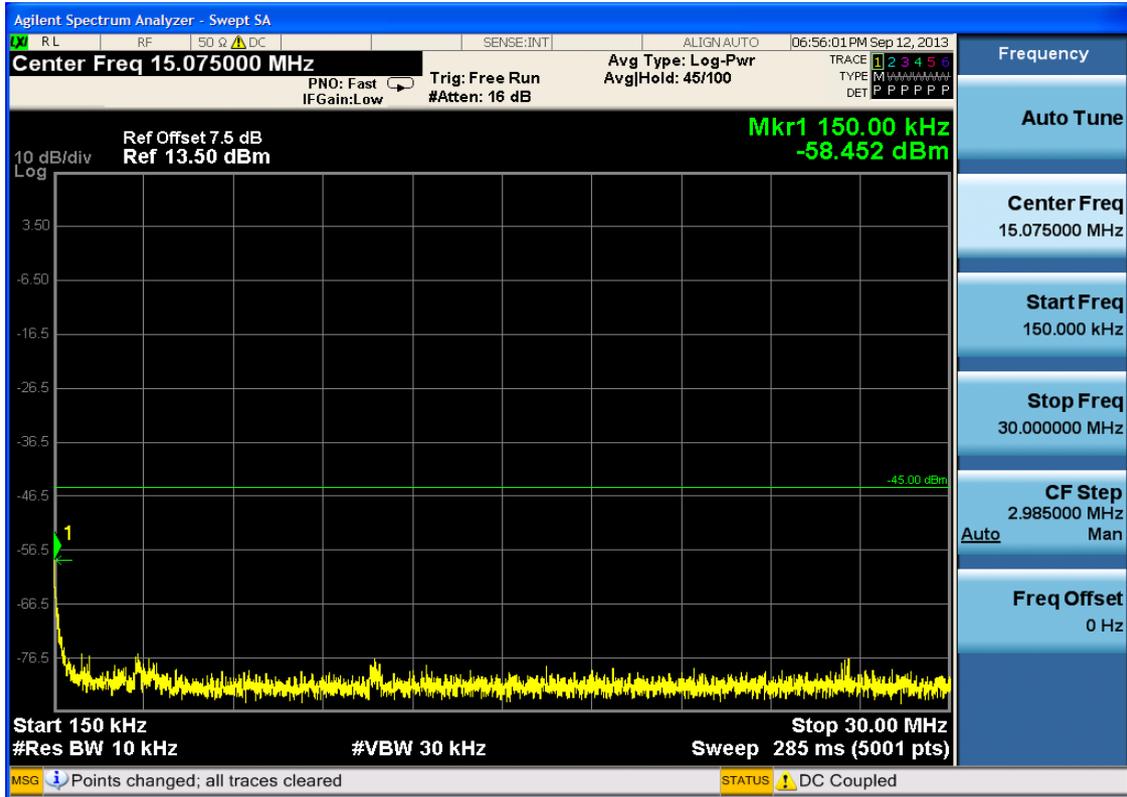


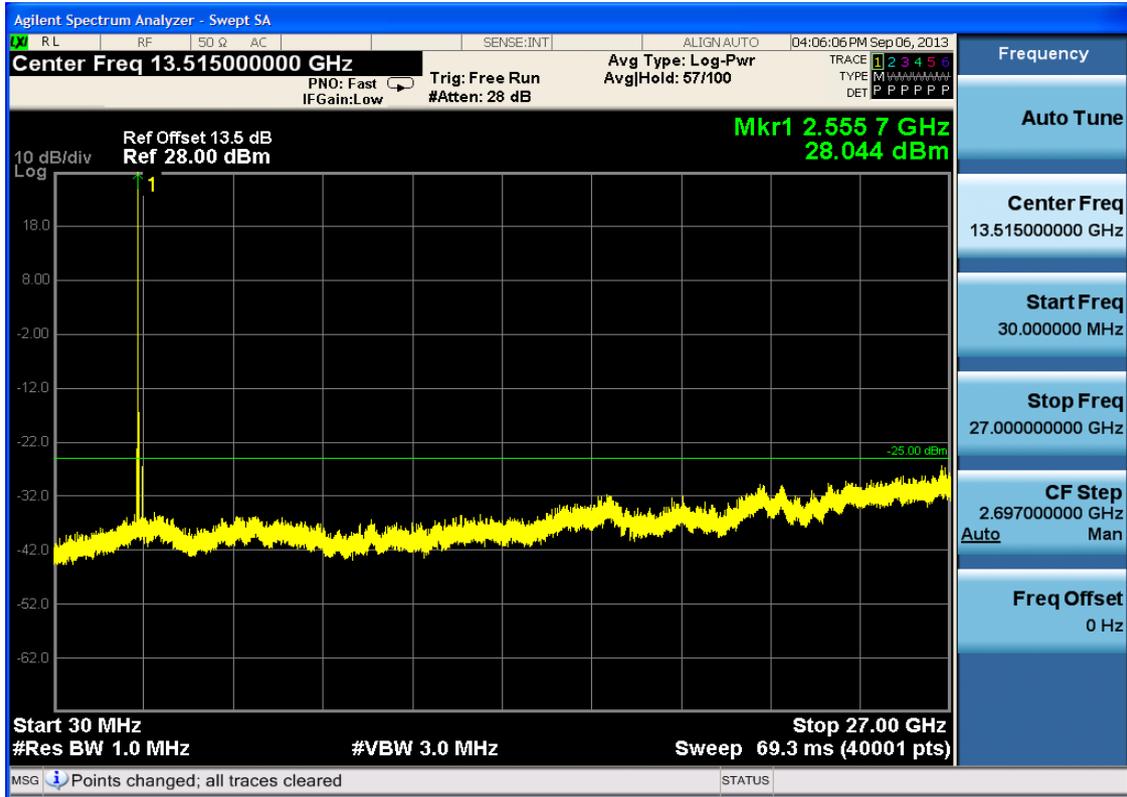


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0



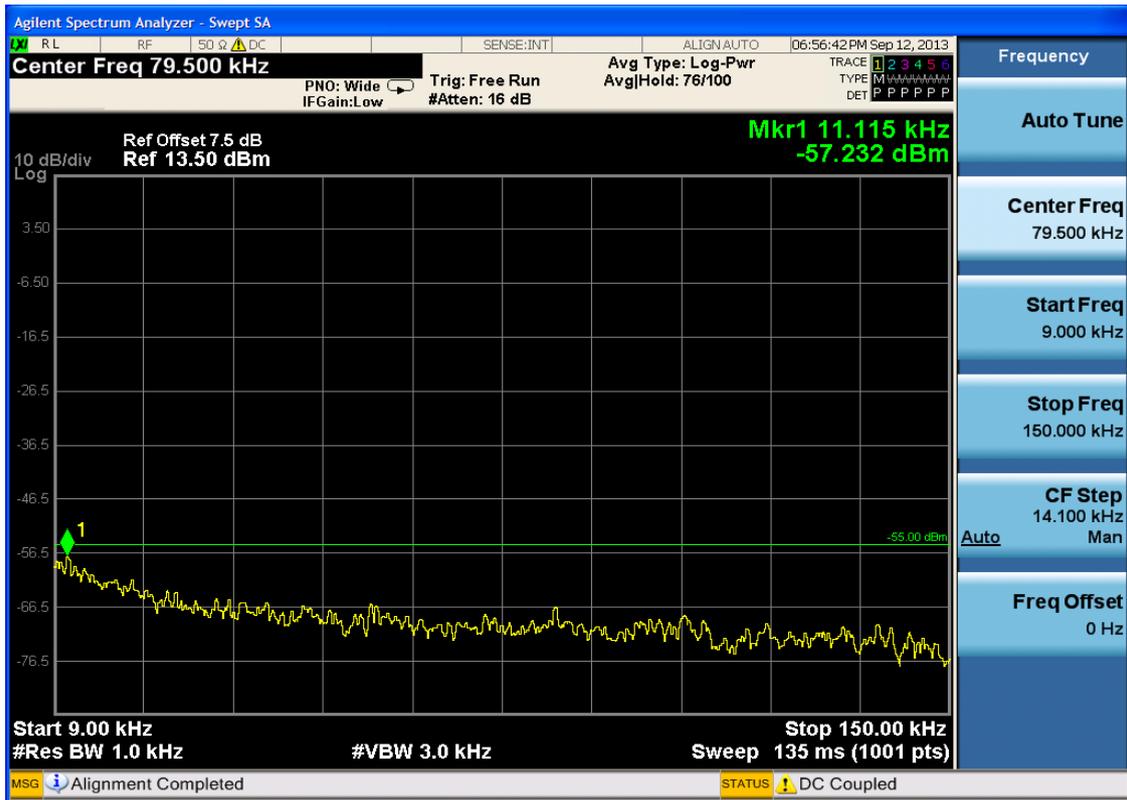


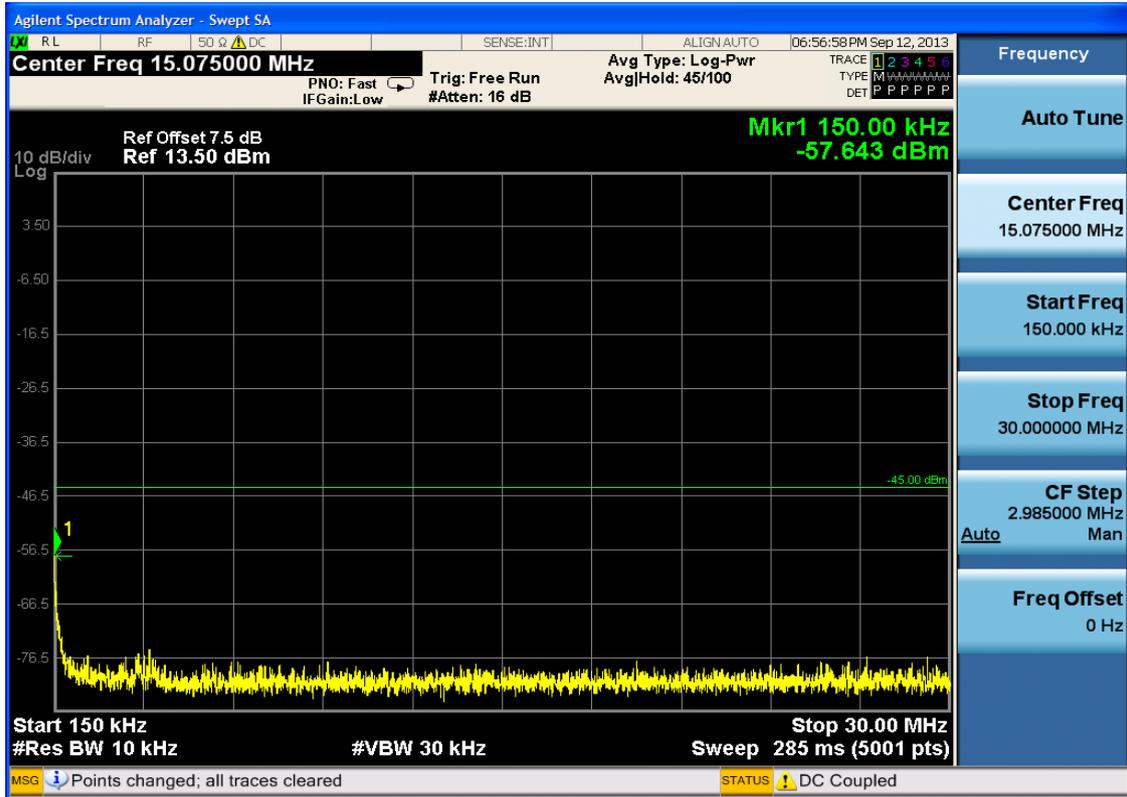


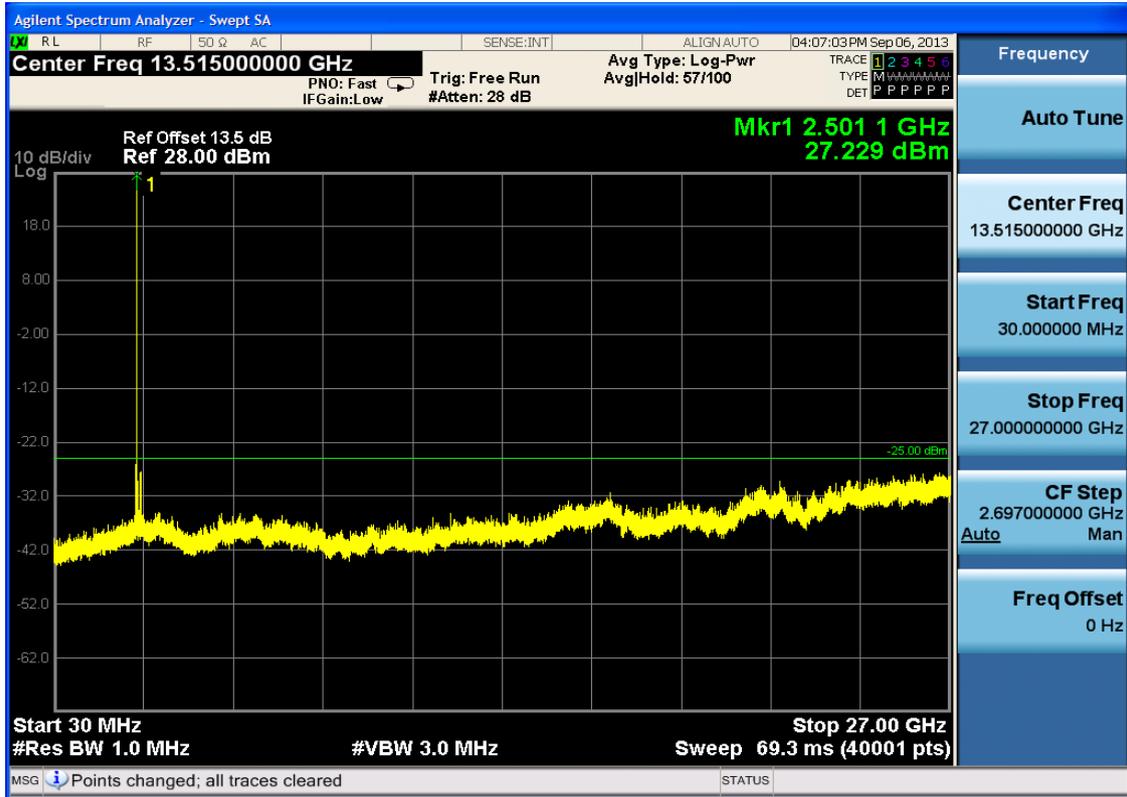
6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0

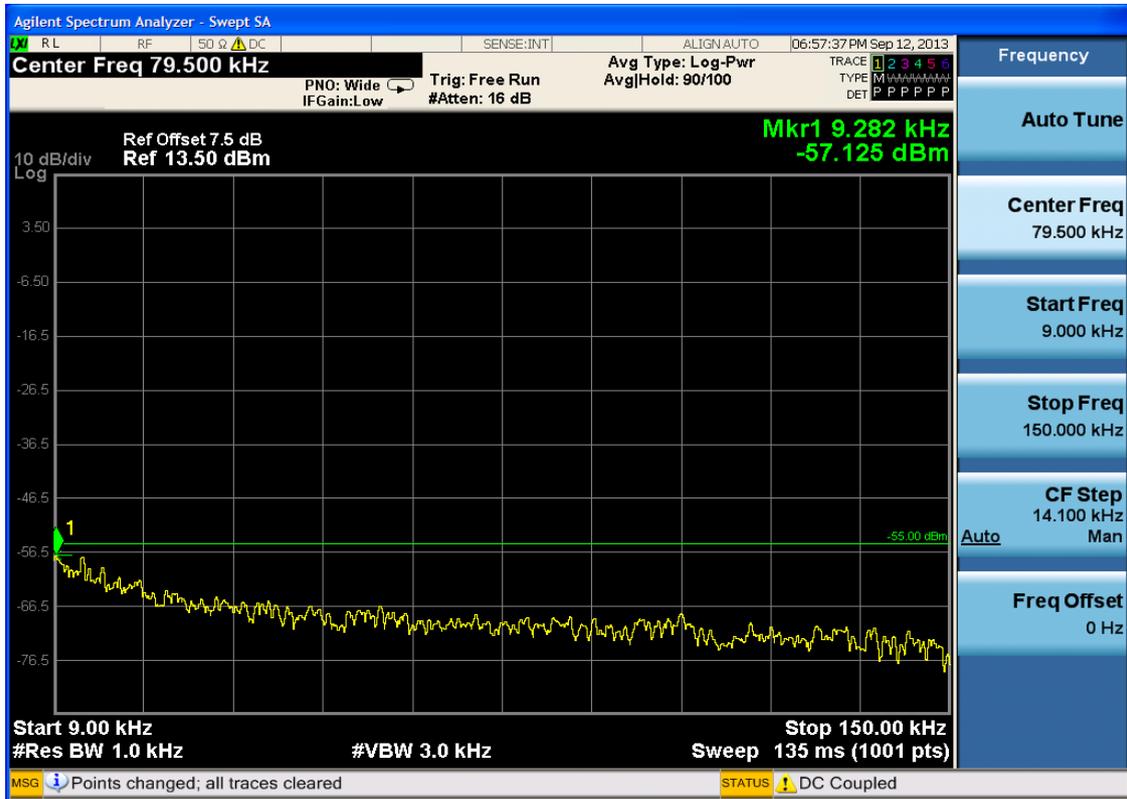


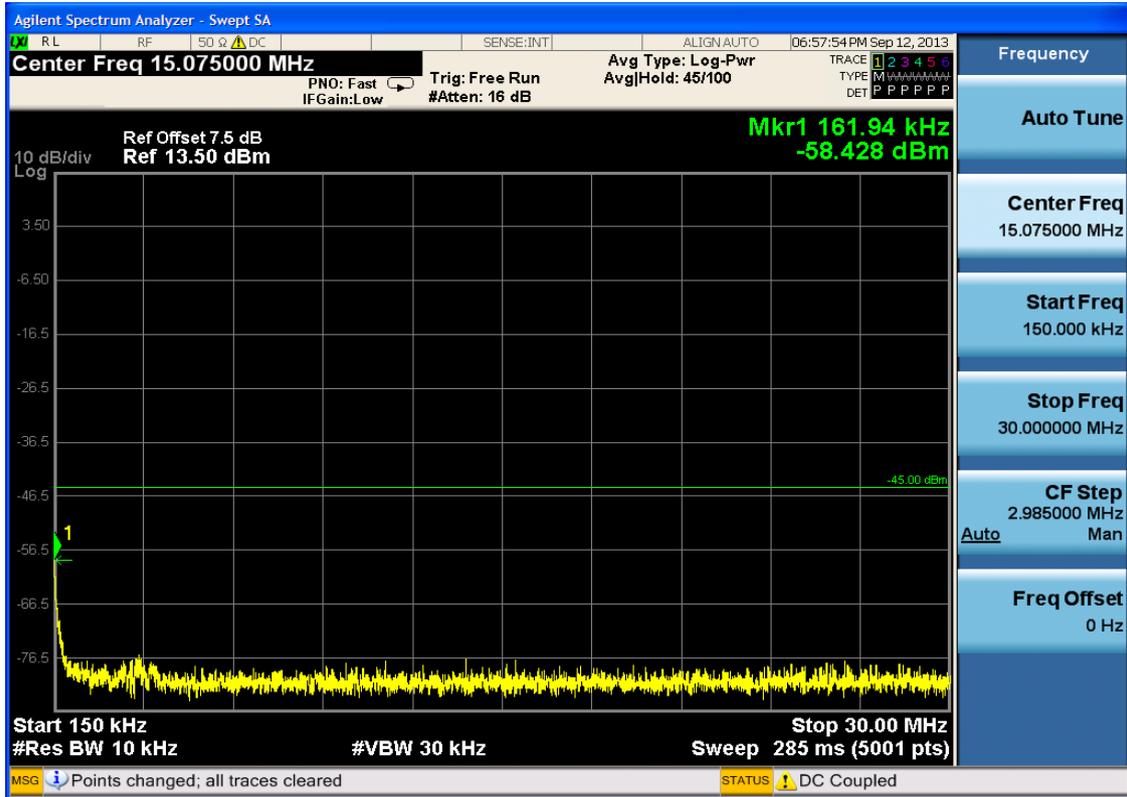


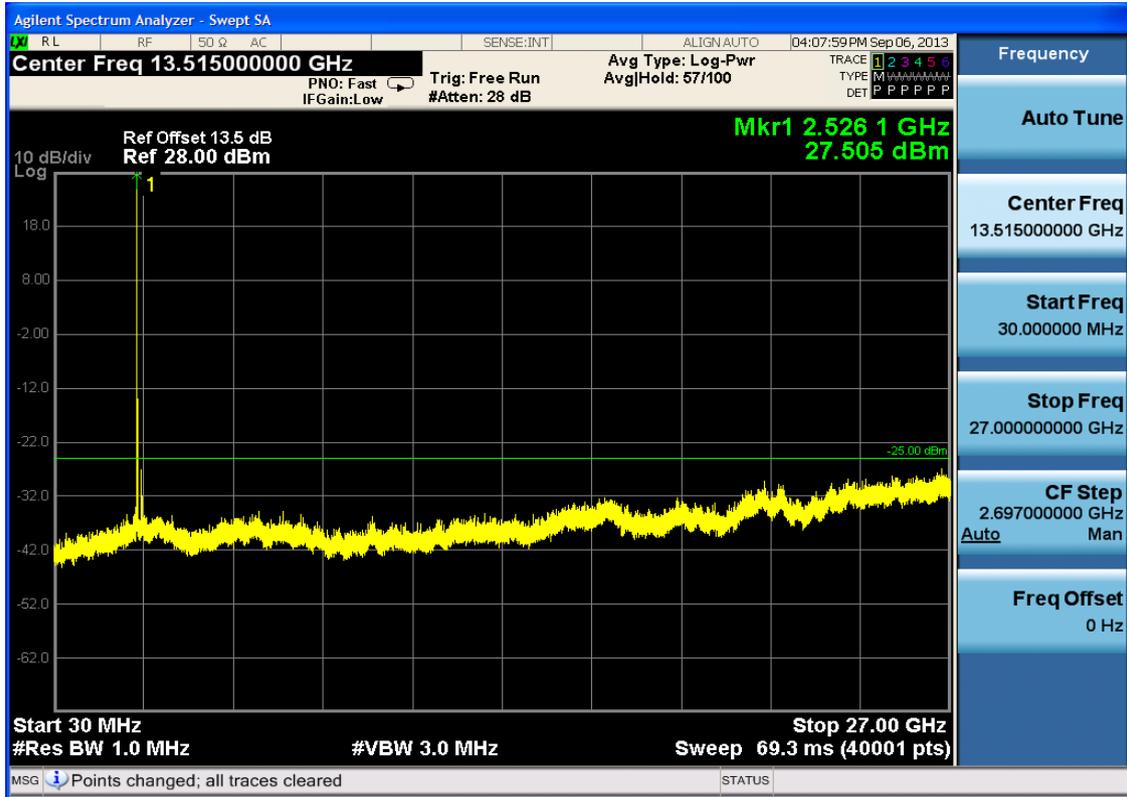


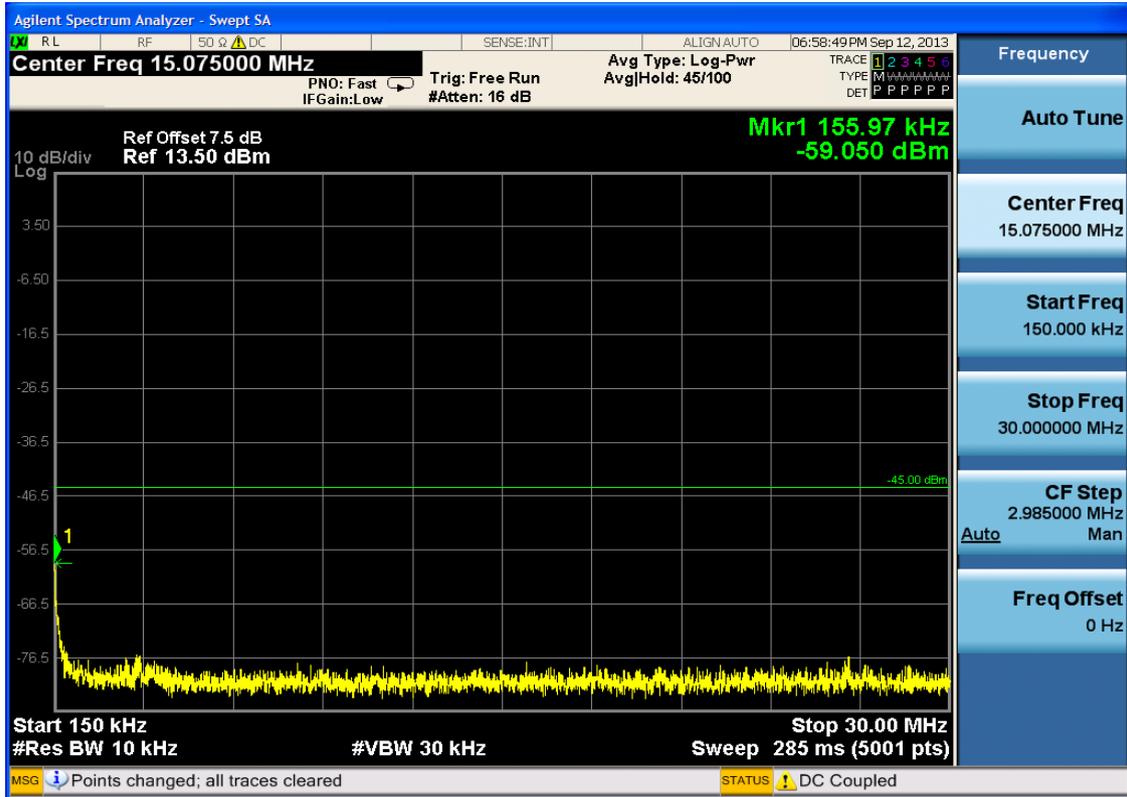
6.2.1.2.4.2 Test Channel = MCH

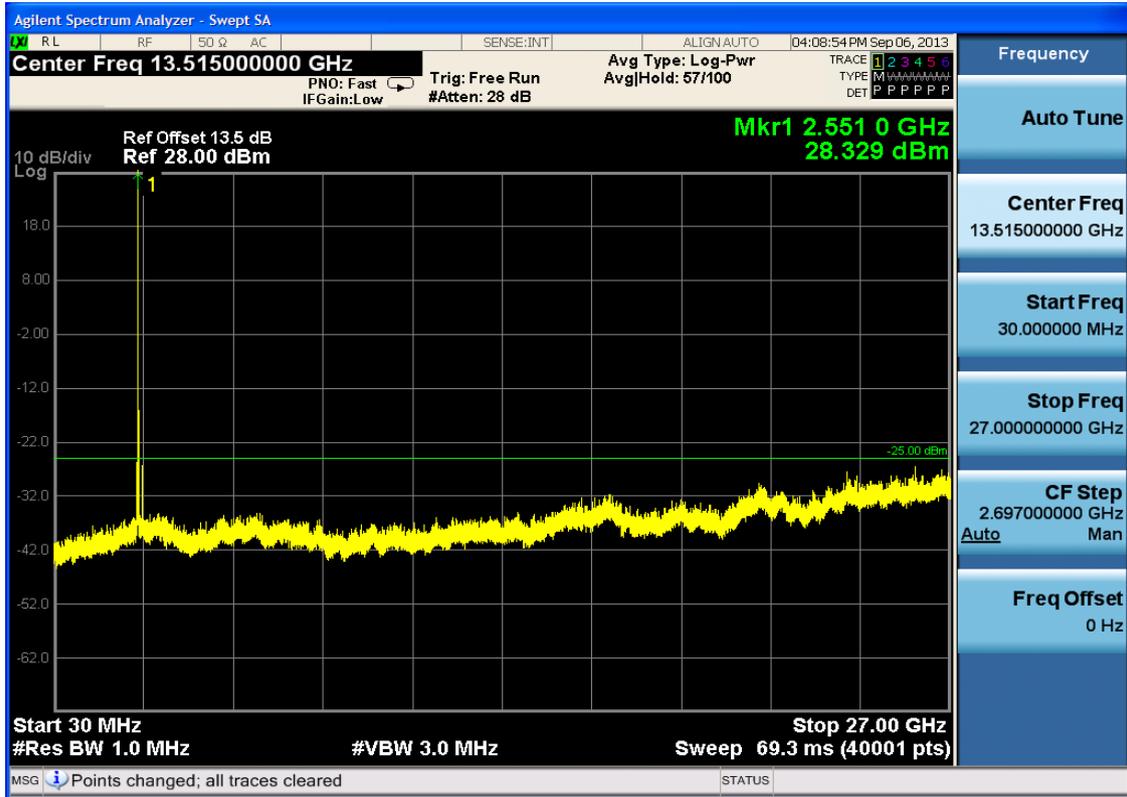
6.2.1.2.4.2.1 Test RB = RB1#0











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

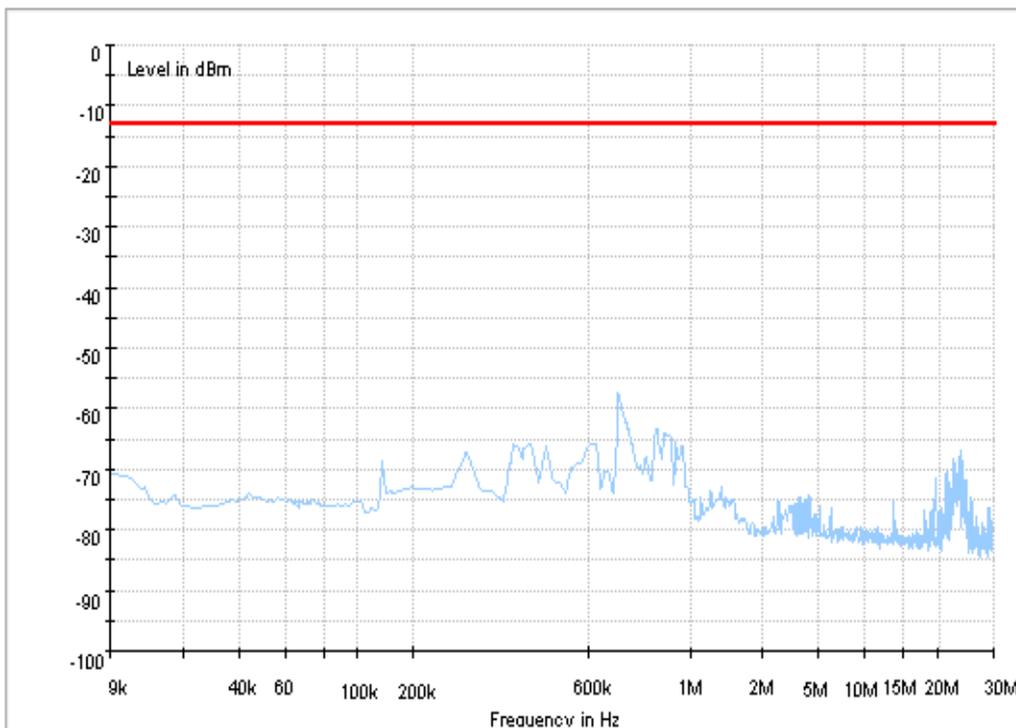
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

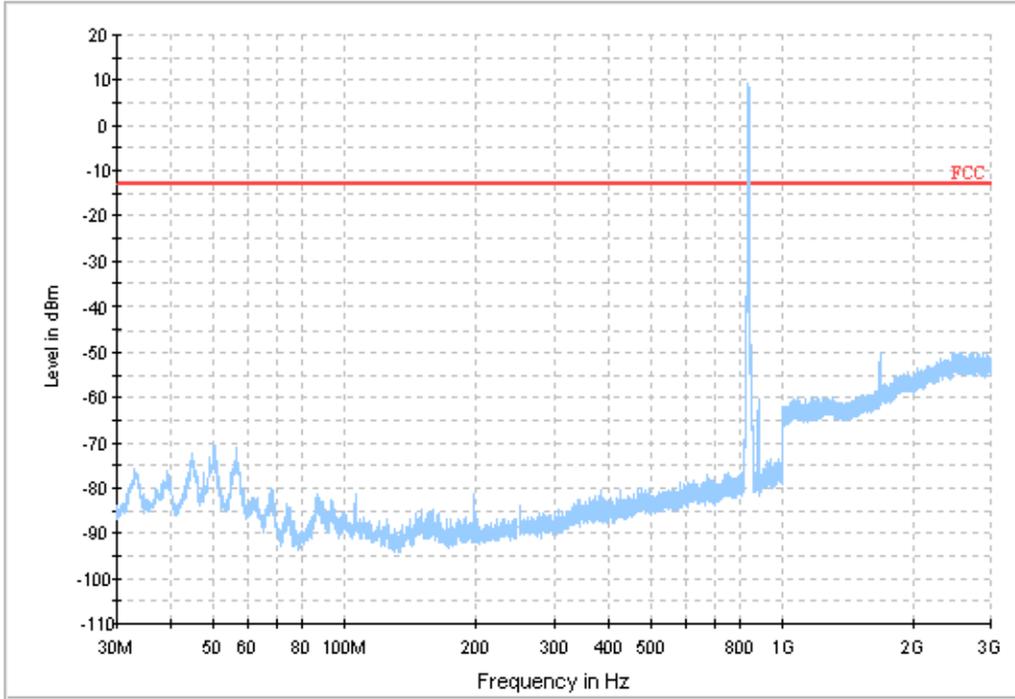
7.1 For UMTS

7.1.1 Test Band = WCDMA850

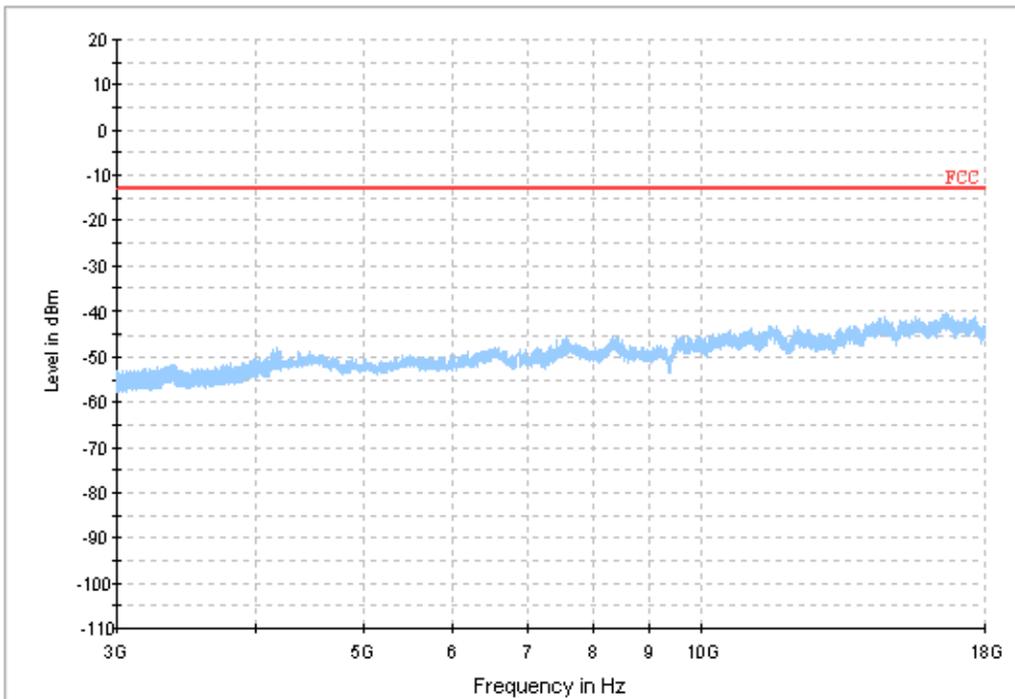
7.1.1.1 Test Mode = UMTS/TM1



Copy of FCC PART22 WCDMA850_L

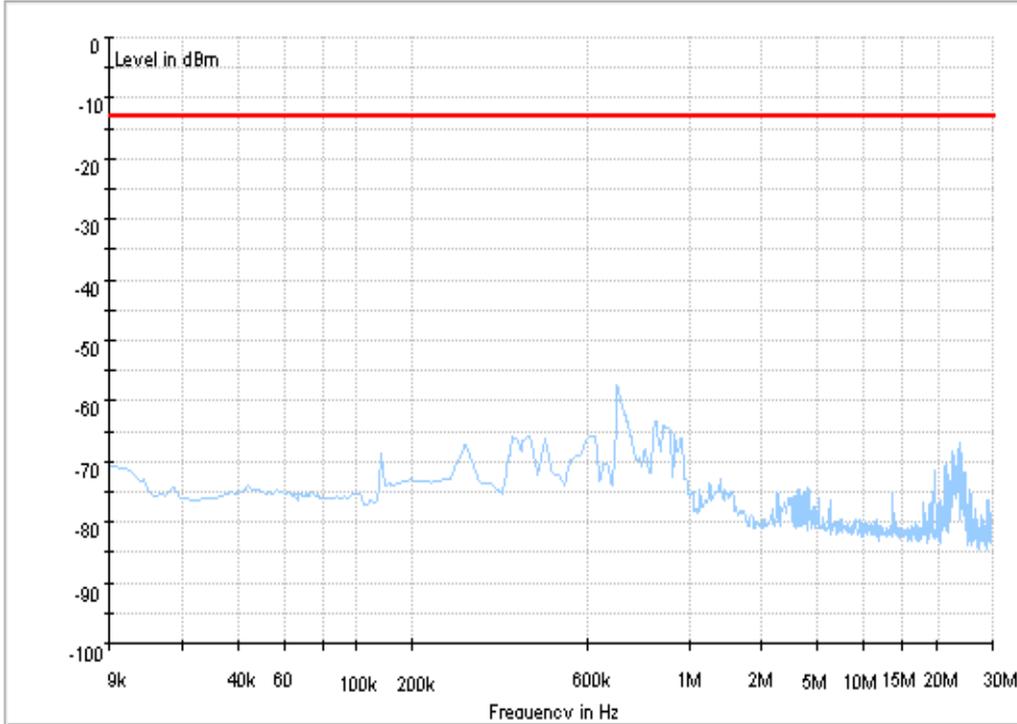


Copy of FCC PART22 WCDMA850_H

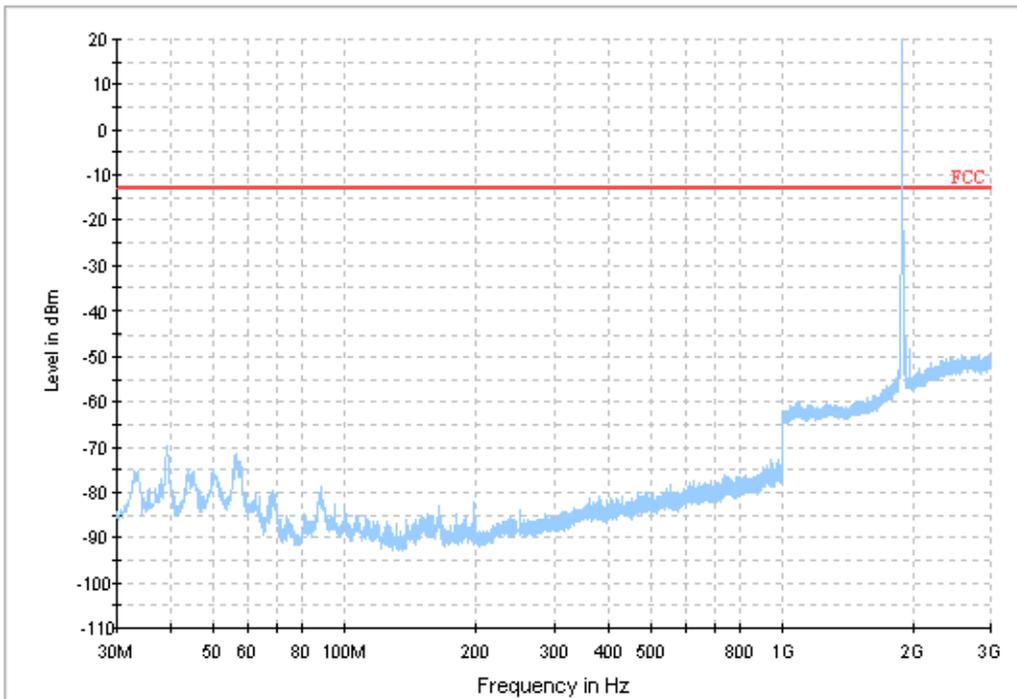


7.1.2 Test Band = WCDMA1900

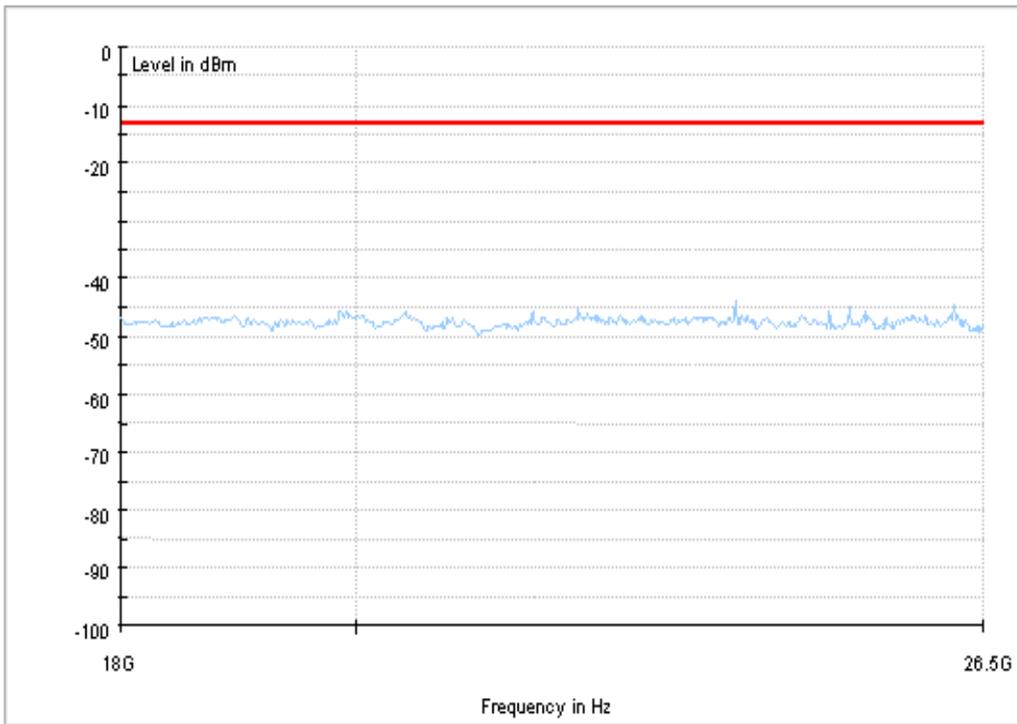
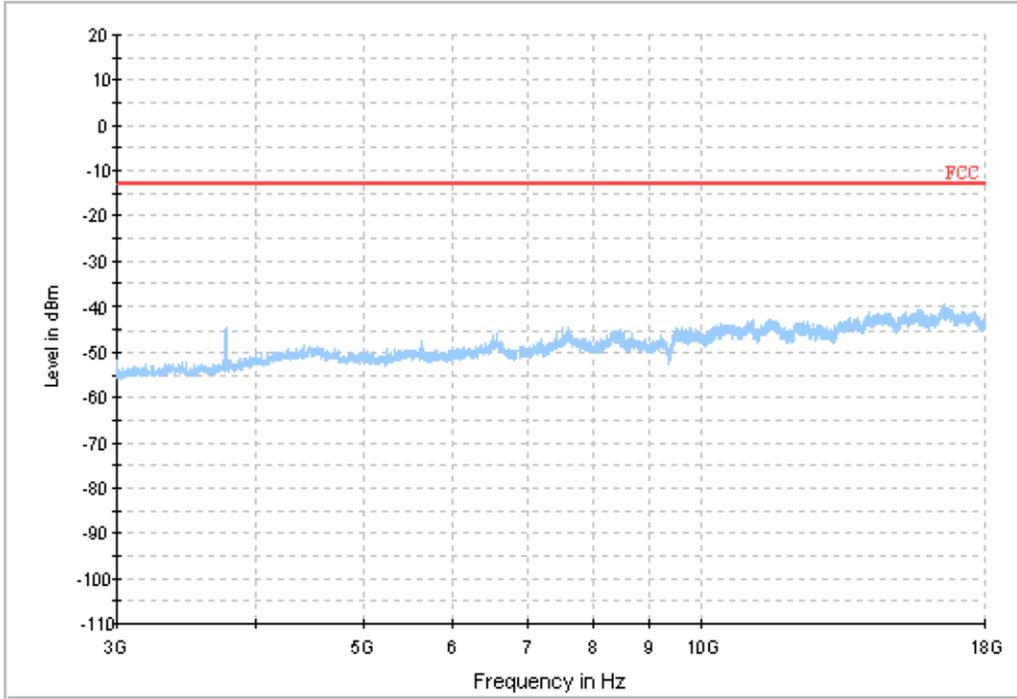
7.1.2.1 Test Mode = UMTS/TM1



Copy of FCC PART24 WCDMA1900_L



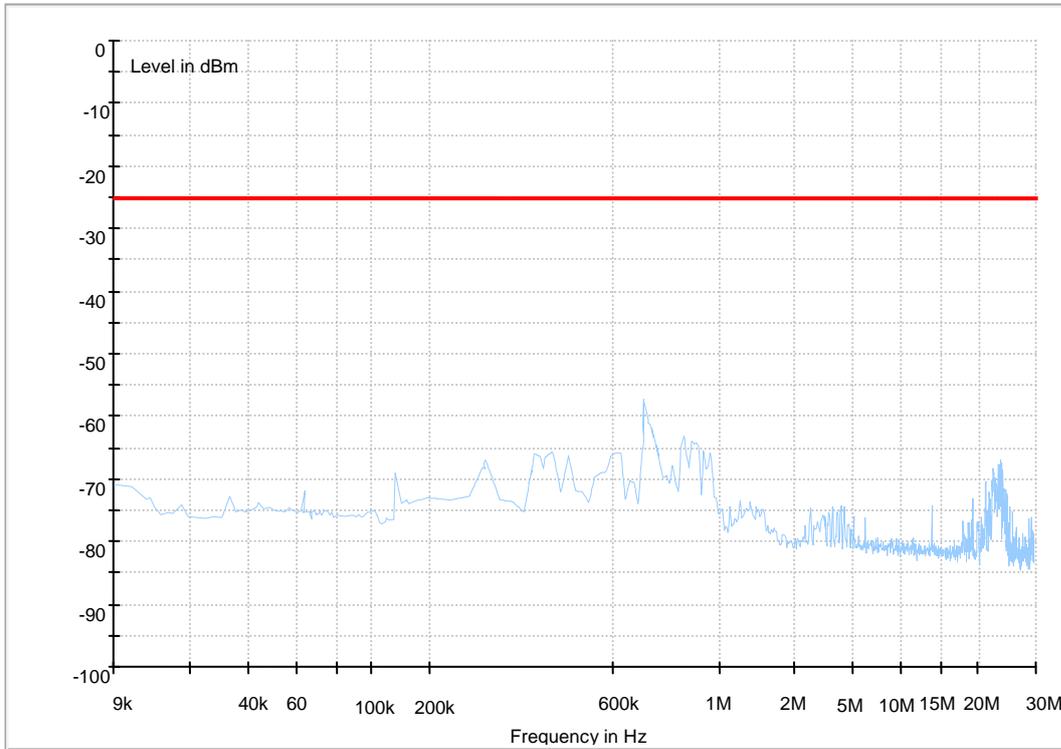
Copy of FCC PART24 WCDMA1900_H



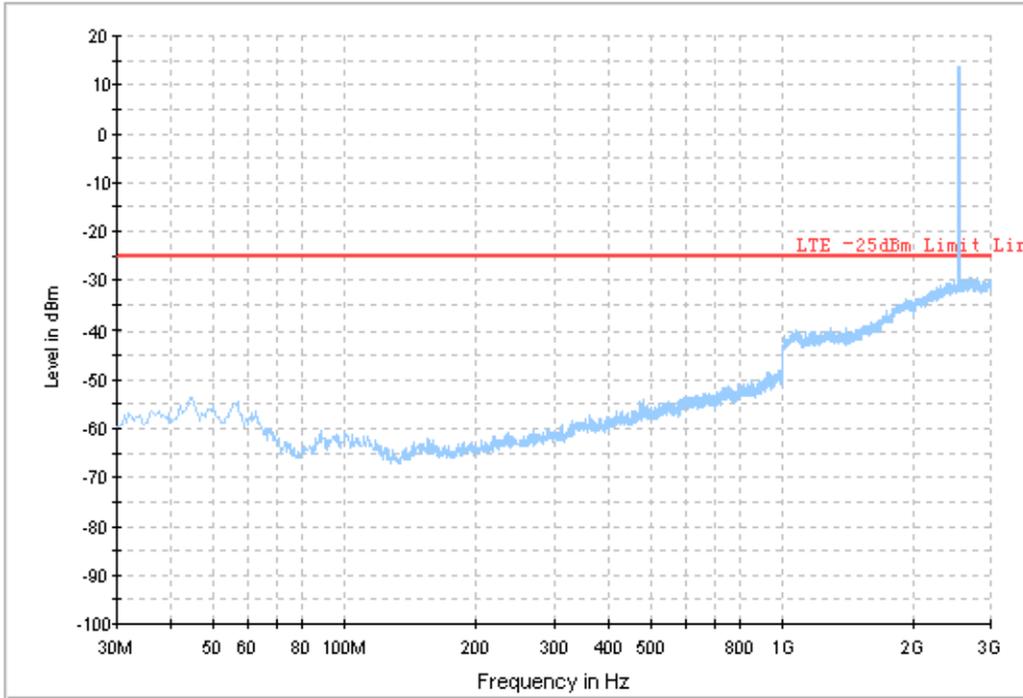
7.2 For LTE

7.2.1 Test Band = BAND7

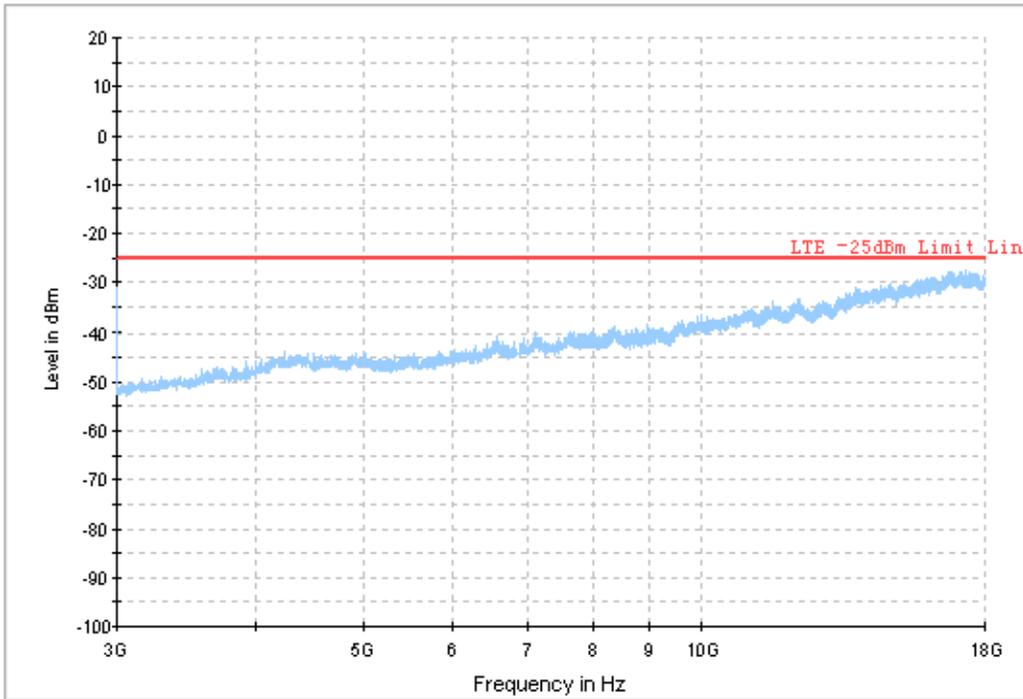
7.2.1.1 Test Bandwidth = 5

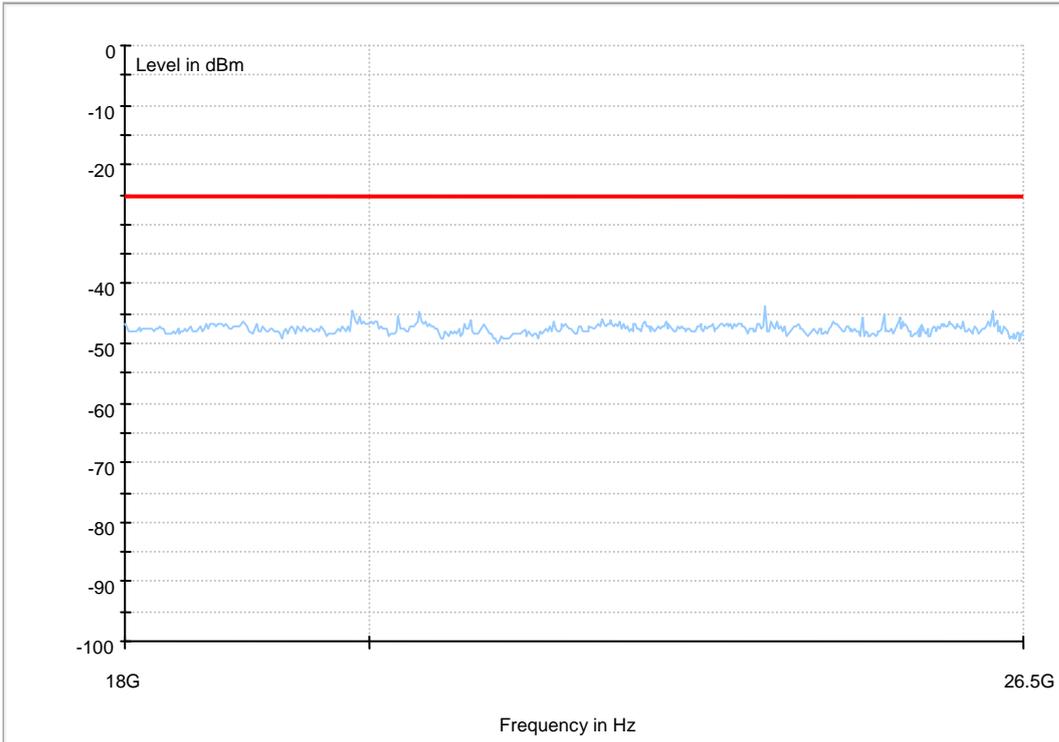


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

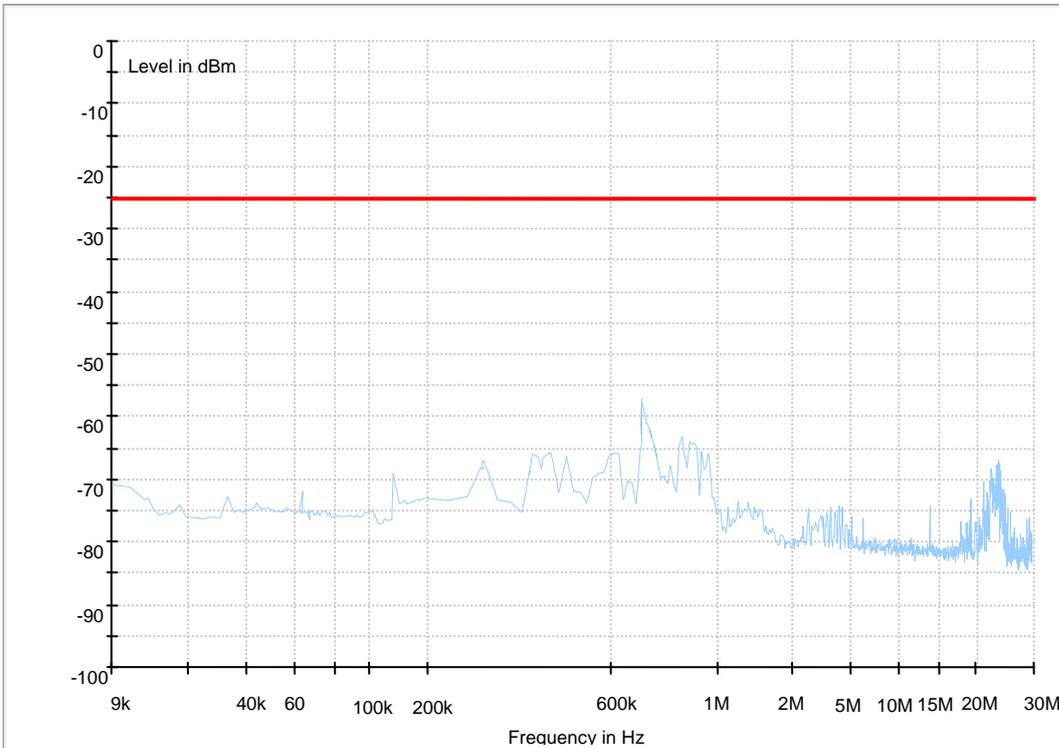


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

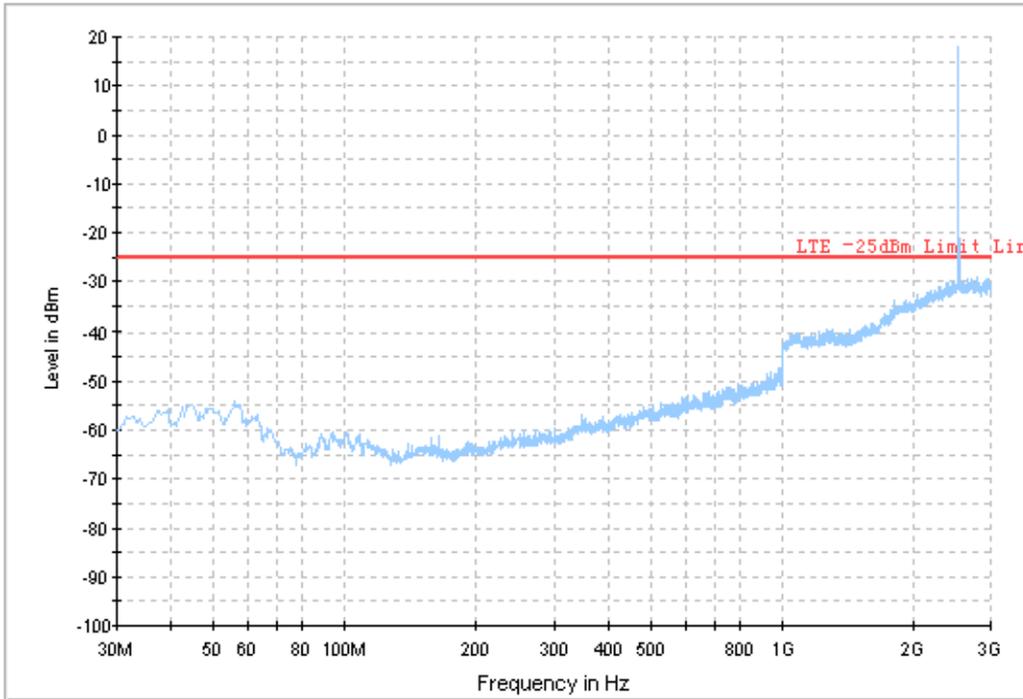




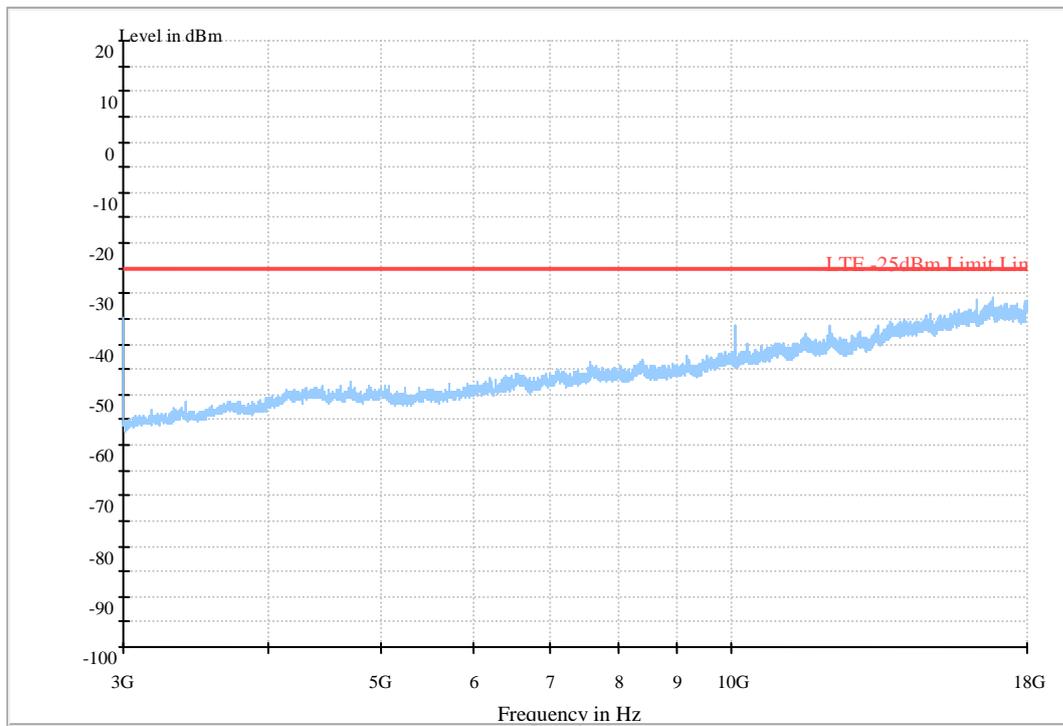
7.2.1.2 Test Bandwidth = 20

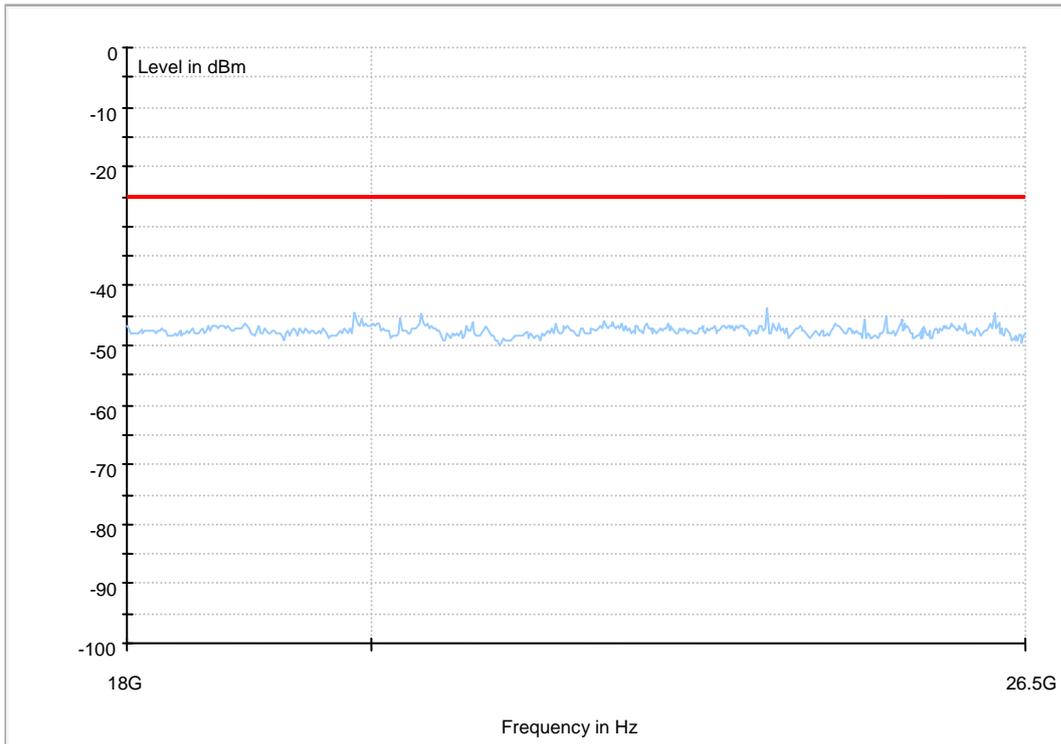


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H





8Appendix_H: Frequency Stability

8.1 For UMTS

8.1.1 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	TN	VL	2.88	0.00348	PASS
				VN	4.67	0.00565	PASS
				VH	1.75	0.00212	PASS
		MCH	TN	VL	-1.01	-0.00121	PASS
				VN	0.47	0.00056	PASS
				VH	0.76	0.00091	PASS
		HCH	TN	VL	-0.87	-0.00103	PASS
				VN	0.02	0.00002	PASS
				VH	-0.99	-0.00117	PASS
WCDMA1900	UMTS/TM1	LCH	TN	VL	-3.77	-0.00204	PASS
				VN	-2.49	-0.00134	PASS
				VH	-1.04	-0.00056	PASS
		MCH	TN	VL	-4.17	-0.00222	PASS
				VN	-9.46	-0.00503	PASS
				VH	-4.39	-0.00234	PASS
		HCH	TN	VL	-9.89	-0.00518	PASS
				VN	-10.76	-0.00564	PASS
				VH	-13.02	-0.00683	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
WCDMA850	UMTS/TM1	LCH	VN	-30	2.56	0.0031	PASS
				-20	2.7	0.00327	PASS
				-10	1.4	0.00169	PASS
				0	4.27	0.00517	PASS
				10	0.7	0.00085	PASS
				20	1.24	0.0015	PASS

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict						
				30	2.78	0.00336	PASS						
				40	2.43	0.00294	PASS						
				50	1.88	0.00227	PASS						
		MCH	VN			-30	-1.07	-0.00128	PASS				
						-20	0.31	0.00037	PASS				
						-10	-0.2	-0.00024	PASS				
						0	-0.56	-0.00067	PASS				
						10	2.41	0.00288	PASS				
						20	-0.43	-0.00051	PASS				
						30	0.24	0.00029	PASS				
						40	0.18	0.00022	PASS				
						50	-1.43	-0.00171	PASS				
						HCH	VN			-30	-1.86	-0.0022	PASS
		-20	0.61	0.00072	PASS								
		-10	-1.42	-0.00168	PASS								
		0	-2.15	-0.00254	PASS								
		10	-1.91	-0.00226	PASS								
		20	-2.55	-0.00301	PASS								
		30	-1.88	-0.00222	PASS								
		40	-2.3	-0.00272	PASS								
		WCDMA1900	UMTS/TM1	LCH	VN					-30	1.72	0.00093	PASS
										-20	-1.57	-0.00085	PASS
										-10	-1.11	-0.0006	PASS
										0	-0.06	-0.00003	PASS
										10	-1.53	-0.00083	PASS
										20	-3.94	-0.00213	PASS
										30	-1.27	-0.00069	PASS
										40	-1.85	-0.001	PASS
50	0.85									0.00046	PASS		
MCH	VN												
				-20	-5.1	-0.00271	PASS						
				-10	-5.02	-0.00267	PASS						
				0	-9.51	-0.00506	PASS						
				10	-4.64	-0.00247	PASS						
				20	-5.28	-0.00281	PASS						
				30	-8.77	-0.00466	PASS						
				40	-4.18	-0.00222	PASS						
50	-5.94			-0.00316	PASS								
HCH	VN					-30	-10.21	-0.00535	PASS				

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-20	-10.18	-0.00534	PASS
				-10	-12.04	-0.00631	PASS
				0	-9.77	-0.00512	PASS
				10	-9.2	-0.00482	PASS
				20	-9.89	-0.00518	PASS
				30	-9.49	-0.00497	PASS
				40	-12.94	-0.00678	PASS
				50	-10.54	-0.00553	PASS

8.2 For LTE

8.2.1 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
BAND7	LTE/TM1	5	LCH	TN	VL	2.19	0.00088	PASS
					VN	-24.56	-0.00981	PASS
					VH	-16.21	-0.00648	PASS
			MCH	TN	VL	2.6	0.00103	PASS
					VN	10.6	0.00418	PASS
					VH	-6.02	-0.00237	PASS
			HCH	TN	VL	7.47	0.00291	PASS
					VN	-6.31	-0.00246	PASS
					VH	1.04	0.00041	PASS
		10	LCH	TN	VL	2.09	0.00083	PASS
					VN	5.29	0.00211	PASS
					VH	5.99	0.00239	PASS
			MCH	TN	VL	-3.72	-0.00147	PASS
					VN	2.05	0.00081	PASS
					VH	-1.12	-0.00044	PASS
			HCH	TN	VL	-8.51	-0.00332	PASS
					VN	-5.74	-0.00224	PASS
					VH	0.07	0.00003	PASS
		15	LCH	TN	VL	-0.97	-0.00039	PASS
					VN	0.59	0.00024	PASS
					VH	3.18	0.00127	PASS
			MCH	TN	VL	-7.68	-0.00303	PASS
					VN	-13.66	-0.00539	PASS
					VH	-15.78	-0.00622	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		20	HCH	TN	VL	-22.82	-0.00891	PASS	
					VN	-17.07	-0.00666	PASS	
					VH	-3.73	-0.00146	PASS	
			LCH	TN	VL	1.33	0.00053	PASS	
					VN	-5.22	-0.00208	PASS	
					VH	-15.21	-0.00606	PASS	
			MCH	TN	VL	8.64	0.00341	PASS	
					VN	10.16	0.00401	PASS	
					VH	11	0.00434	PASS	
		HCH	TN	VL	4.26	0.00166	PASS		
				VN	6.37	0.00249	PASS		
				VH	11.06	0.00432	PASS		
		LTE/TM2	5	LCH	TN	VL	-25.98	-0.01038	PASS
						VN	-14.93	-0.00597	PASS
						VH	-7.04	-0.00281	PASS
				MCH	TN	VL	-14.56	-0.00574	PASS
						VN	-9.63	-0.0038	PASS
						VH	-4.19	-0.00165	PASS
				HCH	TN	VL	14.85	0.00578	PASS
						VN	-10.13	-0.00395	PASS
						VH	-0.84	-0.00033	PASS
			10	LCH	TN	VL	2.7	0.00108	PASS
						VN	1.46	0.00058	PASS
						VH	4.26	0.0017	PASS
	MCH			TN	VL	-14.69	-0.00579	PASS	
					VN	-17.12	-0.00675	PASS	
					VH	-13.33	-0.00526	PASS	
	HCH			TN	VL	-12.53	-0.00488	PASS	
					VN	-12.6	-0.00491	PASS	
					VH	-12.89	-0.00503	PASS	
	15		LCH	TN	VL	4.61	0.00184	PASS	
					VN	-2.95	-0.00118	PASS	
					VH	-13.29	-0.0053	PASS	
			MCH	TN	VL	3.1	0.00122	PASS	
					VN	-0.37	-0.00015	PASS	
					VH	-6.98	-0.00275	PASS	
		HCH	TN	VL	-1.44	-0.00056	PASS		
				VN	-10.44	-0.00407	PASS		
				VH	-17.68	-0.0069	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20	LCH	TN	VL	-10.39	-0.00414	PASS
					VN	-16.05	-0.00639	PASS
					VH	-19.8	-0.00789	PASS
			MCH	TN	VL	5.82	0.0023	PASS
					VN	2.27	0.0009	PASS
					VH	5.18	0.00204	PASS
			HCH	TN	VL	-9.83	-0.00384	PASS
					VN	0.36	0.00014	PASS
					VH	18	0.00703	PASS

8.2.2 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
BAND7	LTE/TM1	5	LCH	VN	-30	-1.14	-0.00046	PASS
					-20	-6.9	-0.00276	PASS
					-10	-19.11	-0.00764	PASS
					0	-12.67	-0.00506	PASS
					10	-2.55	-0.00102	PASS
					20	1.37	0.00055	PASS
					30	5.55	0.00222	PASS
					40	-12.52	-0.005	PASS
					50	-23.35	-0.00933	PASS
			MCH	VN	-30	-9.34	-0.00368	PASS
					-20	-4.86	-0.00192	PASS
					-10	0.99	0.00039	PASS
					0	5.28	0.00208	PASS
					10	11.96	0.00472	PASS
					20	12.19	0.00481	PASS
					30	13.75	0.00542	PASS
					40	11.6	0.00458	PASS
			HCH	VN	-30	13.18	0.00513	PASS
					-20	14.75	0.00574	PASS
					-10	-14.46	-0.00563	PASS
					0	-10.61	-0.00413	PASS
					10	-8.97	-0.00349	PASS
					20	-7.62	-0.00297	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	VN	30	-6.65	-0.00259	PASS
					40	-7.04	-0.00274	PASS
					50	-7.28	-0.00284	PASS
					-30	-14.39	-0.00574	PASS
					-20	-15.74	-0.00628	PASS
					-10	7.47	0.00298	PASS
					0	5.84	0.00233	PASS
					10	-2.29	-0.00091	PASS
					20	-8.58	-0.00343	PASS
		30	-10.84	-0.00433	PASS			
		40	-14.32	-0.00572	PASS			
		50	-17.31	-0.00691	PASS			
		10	MCH	VN	-30	-1.82	-0.00072	PASS
					-20	-6.44	-0.00254	PASS
					-10	-10.49	-0.00414	PASS
					0	-15.42	-0.00608	PASS
					10	-16.64	-0.00656	PASS
					20	-11.26	-0.00444	PASS
					30	-9.94	-0.00392	PASS
					40	-13.39	-0.00528	PASS
					50	-18.85	-0.00744	PASS
		10	HCH	VN	-30	-15.71	-0.00612	PASS
					-20	-12.04	-0.00469	PASS
					-10	9.41	0.00367	PASS
					0	3.5	0.00136	PASS
					10	3.91	0.00152	PASS
					20	4.89	0.00191	PASS
					30	2.56	0.001	PASS
					40	0.74	0.00029	PASS
					50	-4.51	-0.00176	PASS
		15	LCH	VN	-30	-2.4	-0.00096	PASS
					-20	-8.83	-0.00352	PASS
					-10	-5.78	-0.00231	PASS
0	16.84				0.00672	PASS		
10	12.97				0.00517	PASS		
20	3.78				0.00151	PASS		
30	-5.41				-0.00216	PASS		
40	-8.41				-0.00335	PASS		
50	7.67				0.00306	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	12.99	0.00512	PASS	
					-20	10.97	0.00433	PASS	
					-10	2.6	0.00103	PASS	
					0	-10.43	-0.00411	PASS	
					10	-16.65	-0.00657	PASS	
					20	11	0.00434	PASS	
					30	7.95	0.00314	PASS	
					40	5.25	0.00207	PASS	
			50	0.33	0.00013	PASS			
			HCH	VN	-30	-14.35	-0.0056	PASS	
					-20	-19.23	-0.0075	PASS	
					-10	-18.68	-0.00729	PASS	
					0	-23.16	-0.00904	PASS	
					10	-21.89	-0.00854	PASS	
					20	5.35	0.00209	PASS	
					30	-2.42	-0.00094	PASS	
					40	-6.05	-0.00236	PASS	
			50	-10.66	-0.00416	PASS			
			20	LCH	VN	-30	-9.03	-0.0036	PASS
						-20	-11.62	-0.00463	PASS
						-10	-14.59	-0.00581	PASS
						0	-20.6	-0.00821	PASS
						10	-22.97	-0.00915	PASS
						20	-20.26	-0.00807	PASS
		30				-23.42	-0.00933	PASS	
		40				-3.03	-0.00121	PASS	
		50		2.93	0.00117	PASS			
		MCH		VN	-30	-11.62	-0.00458	PASS	
					-20	-15.42	-0.00608	PASS	
					-10	-18.9	-0.00746	PASS	
					0	-19.84	-0.00783	PASS	
					10	9.03	0.00356	PASS	
					20	6.17	0.00243	PASS	
					30	10.33	0.00407	PASS	
					40	2.03	0.0008	PASS	
		50		10.59	0.00418	PASS			
		HCH		VN	-30	-1.46	-0.00057	PASS	
					-20	-6.82	-0.00266	PASS	
					-10	-11.86	-0.00463	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	0	11.84	0.00462	PASS
					10	-8.53	-0.00333	PASS
					20	-13.53	-0.00529	PASS
					30	-14.38	-0.00562	PASS
					40	-1.65	-0.00064	PASS
					50	16.34	0.00638	PASS
			MCH		-30	-5.94	-0.00237	PASS
					-20	-22.93	-0.00916	PASS
					-10	-16.89	-0.00675	PASS
					0	-11.46	-0.00458	PASS
					10	-5.11	-0.00204	PASS
					20	3.95	0.00158	PASS
			HCH		30	-21.29	-0.00851	PASS
					40	-18.9	-0.00755	PASS
					50	-8.83	-0.00353	PASS
	-30	-19.57		-0.00772	PASS			
	-20	-14.95		-0.0059	PASS			
	-10	-7.41		-0.00292	PASS			
	10	LCH	VN	0	1.27	0.0005	PASS	
				10	6.48	0.00256	PASS	
				20	9.93	0.00392	PASS	
				30	7.85	0.0031	PASS	
				40	-19.17	-0.00756	PASS	
				50	-12.46	-0.00492	PASS	
				-30	-0.43	-0.00017	PASS	
				-20	2.2	0.00086	PASS	
				-10	9.06	0.00353	PASS	
				0	13.59	0.00529	PASS	
				10	17.14	0.00668	PASS	
				20	-15.75	-0.00613	PASS	
30				-9.6	-0.00374	PASS		
40				-4.19	-0.00163	PASS		
50				-3.09	-0.0012	PASS		
					-30	-0.03	-0.00001	PASS
					-20	-0.4	-0.00016	PASS
					-10	-4.38	-0.00175	PASS
					0	-9.83	-0.00392	PASS
					10	-12.13	-0.00484	PASS
					20	-12.23	-0.00488	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-13.92	-0.00556	PASS
					40	-16.57	-0.00661	PASS
					50	-7.05	-0.00281	PASS
			MCH	VN	-30	-19.23	-0.00759	PASS
					-20	-19.9	-0.00785	PASS
					-10	-1.8	-0.00071	PASS
					0	10.83	0.00427	PASS
					10	7.5	0.00296	PASS
					20	7.62	0.00301	PASS
					30	-19.91	-0.00785	PASS
					40	-15.85	-0.00625	PASS
					50	-12.63	-0.00498	PASS
			HCH	VN	-30	13.26	0.00517	PASS
					-20	-1.22	-0.00048	PASS
					-10	4.81	0.00188	PASS
					0	-7.41	-0.00289	PASS
					10	-14.42	-0.00562	PASS
					20	-3.68	-0.00143	PASS
		30			7.15	0.00279	PASS	
		15	LCH	VN	-30	2.16	0.00086	PASS
					-20	-3.95	-0.00158	PASS
					-10	-8.13	-0.00324	PASS
					0	-8.07	-0.00322	PASS
					10	-10.89	-0.00434	PASS
					20	-13.53	-0.0054	PASS
					30	5.36	0.00214	PASS
			MCH	VN	40	12.83	0.00512	PASS
					50	17.92	0.00715	PASS
					-30	6.28	0.00248	PASS
					-20	11.29	0.00445	PASS
					-10	10.1	0.00398	PASS
					0	6.47	0.00255	PASS
					10	7.38	0.00291	PASS
20	4.73				0.00187	PASS		
30	0.14	0.00006	PASS					
40	-8.04	-0.00317	PASS					
50	-8.2	-0.00323	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	-15.91	-0.00621	PASS	
					-20	-9.68	-0.00378	PASS	
					-10	-7.98	-0.00311	PASS	
					0	-2.02	-0.00079	PASS	
					10	-3.25	-0.00127	PASS	
					20	4.25	0.00166	PASS	
					30	1.22	0.00048	PASS	
					40	-20.38	-0.00795	PASS	
			50	-14.93	-0.00583	PASS			
			20	LCH	VN	-30	-9.44	-0.00376	PASS
						-20	-23.05	-0.00918	PASS
						-10	-20	-0.00797	PASS
						0	-18.2	-0.00725	PASS
						10	-17.92	-0.00714	PASS
						20	-12.63	-0.00503	PASS
						30	-5.55	-0.00221	PASS
		40				-1.97	-0.00078	PASS	
		20	MCH	VN	-30	8.38	0.00331	PASS	
					-20	11.5	0.00454	PASS	
					-10	7.58	0.00299	PASS	
					0	-5.66	-0.00223	PASS	
					10	-13.66	-0.00539	PASS	
					20	-9.77	-0.00385	PASS	
					30	-6.04	-0.00238	PASS	
					40	-6.59	-0.0026	PASS	
		20	HCH	VN	-30	14.55	0.00568	PASS	
					-20	-13.96	-0.00545	PASS	
					-10	-11.37	-0.00444	PASS	
					0	1.87	0.00073	PASS	
					10	13.15	0.00514	PASS	
					20	13.07	0.00511	PASS	
					30	10.04	0.00392	PASS	
					40	10.07	0.00393	PASS	
		50	1.34	0.00052	PASS				

END

