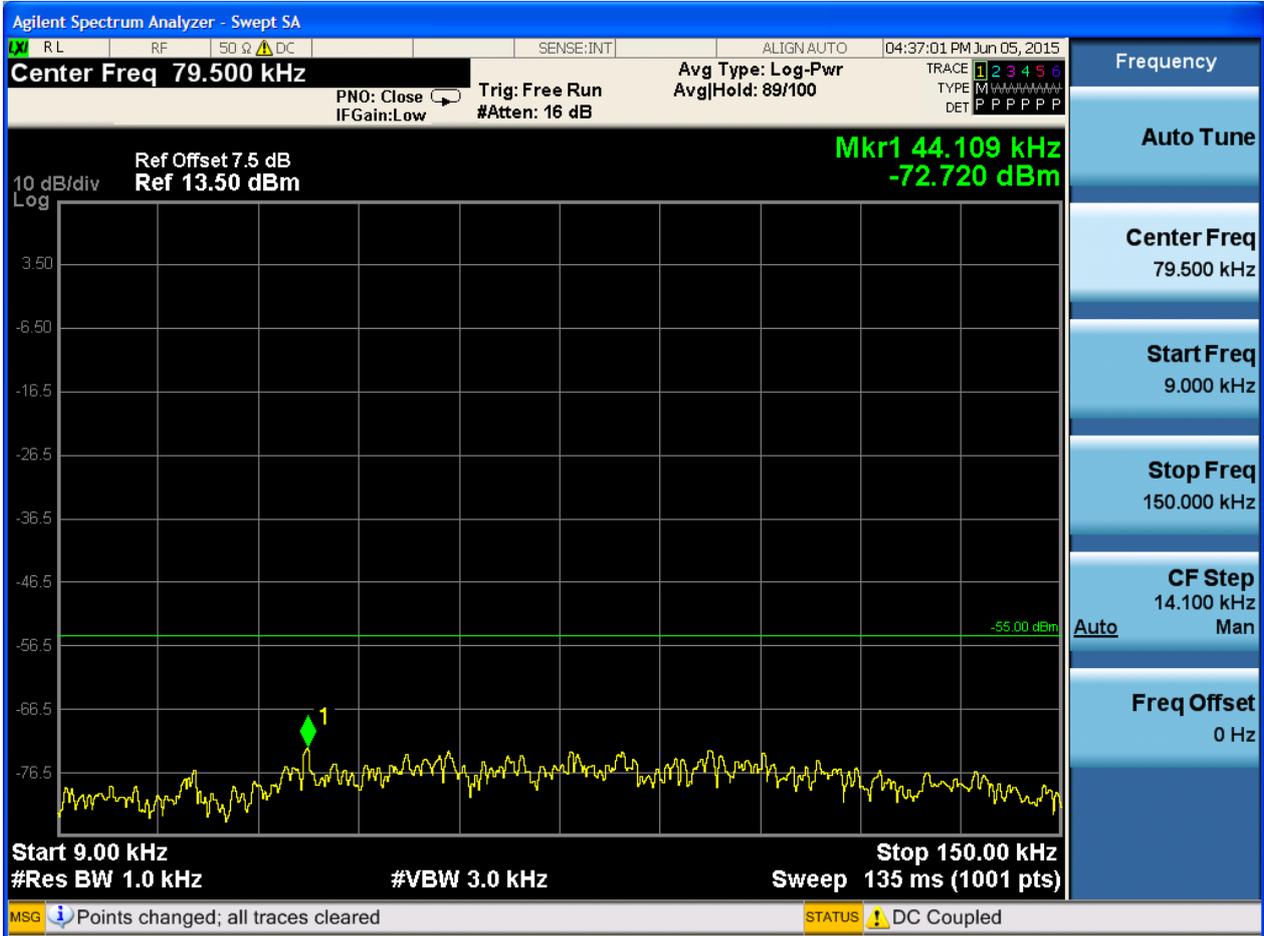


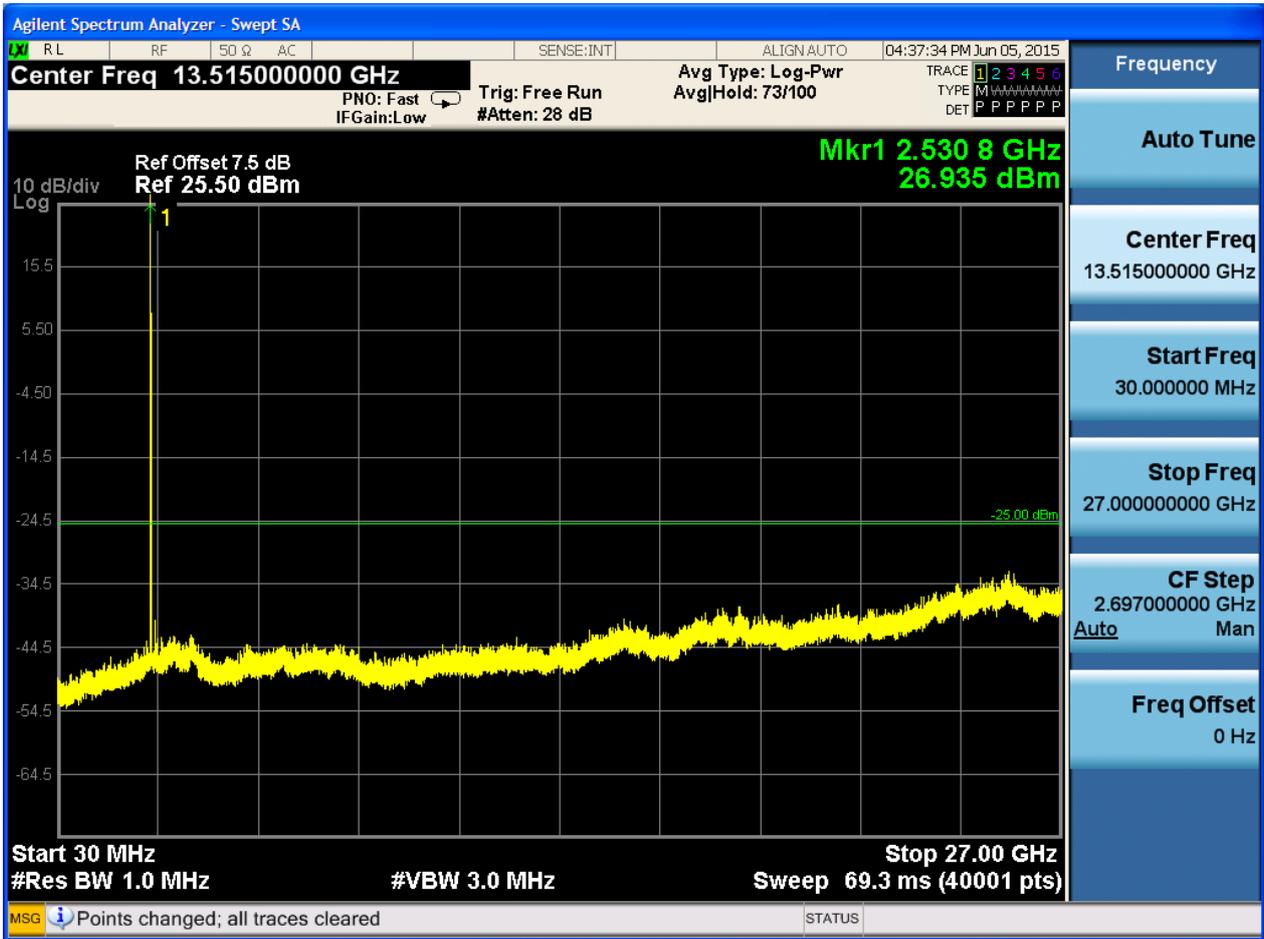


6.1.1.1.2.2 Test Channel = MCH

6.1.1.1.2.2.1 Test RB = RB1#0



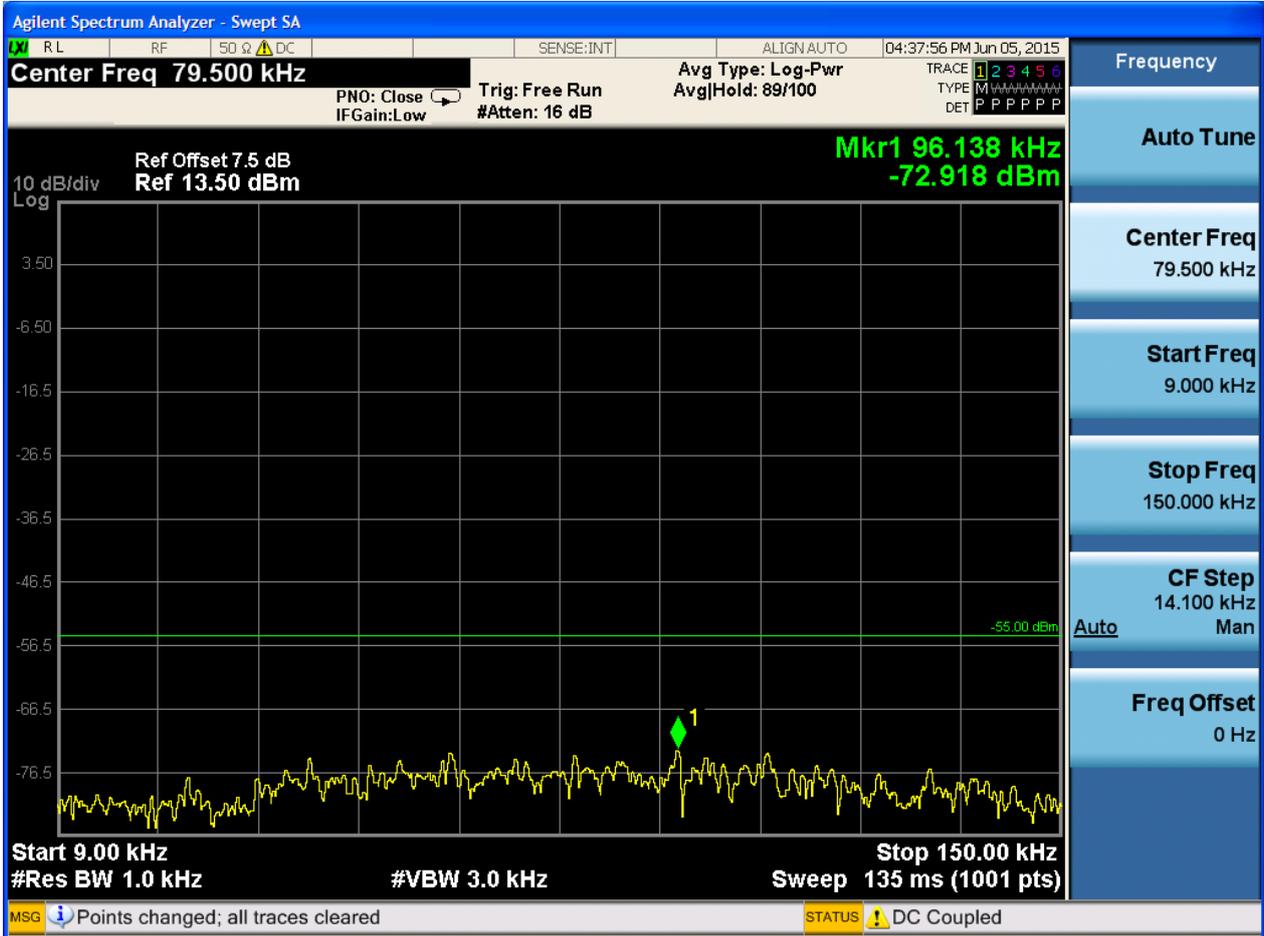


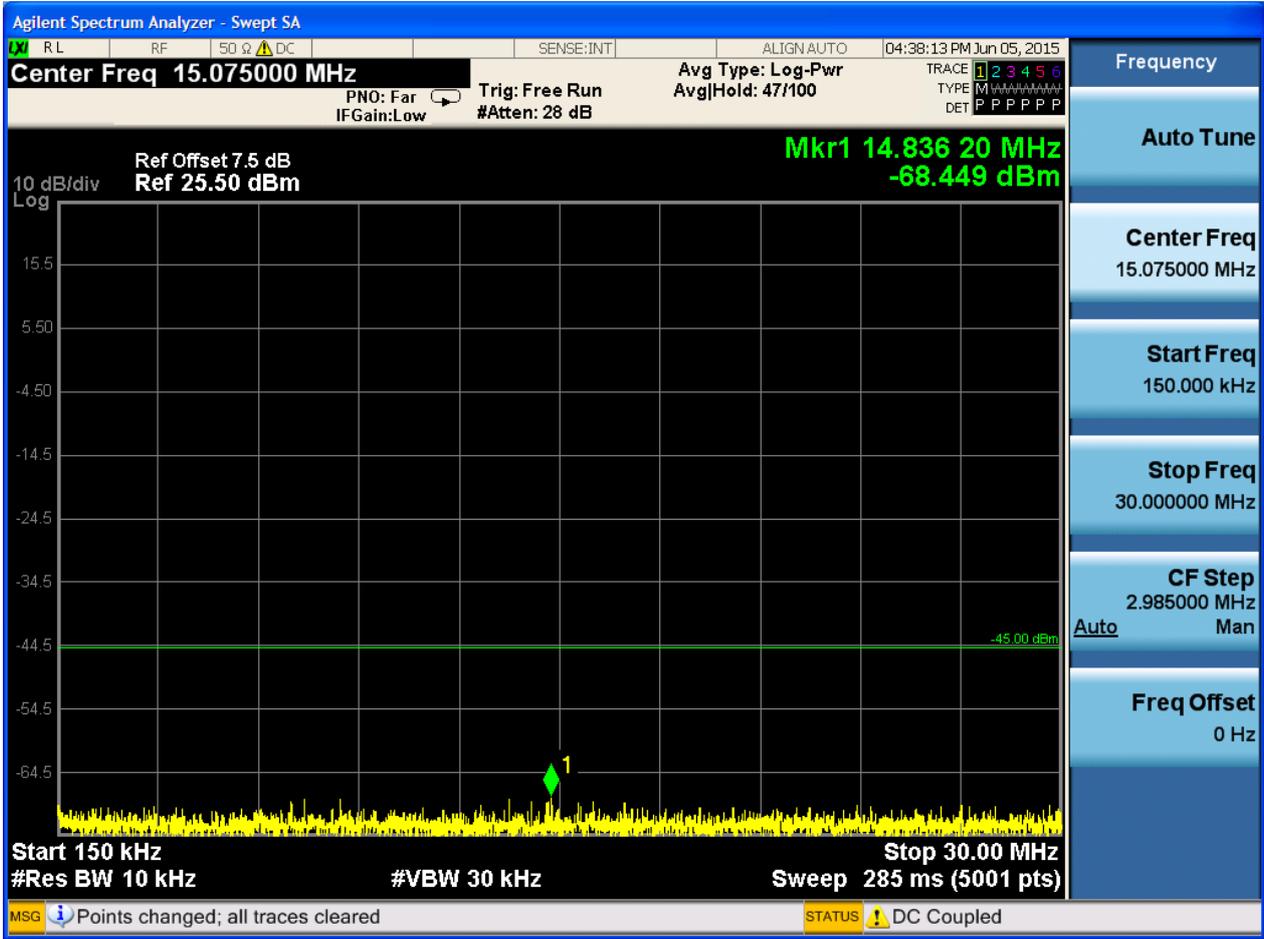


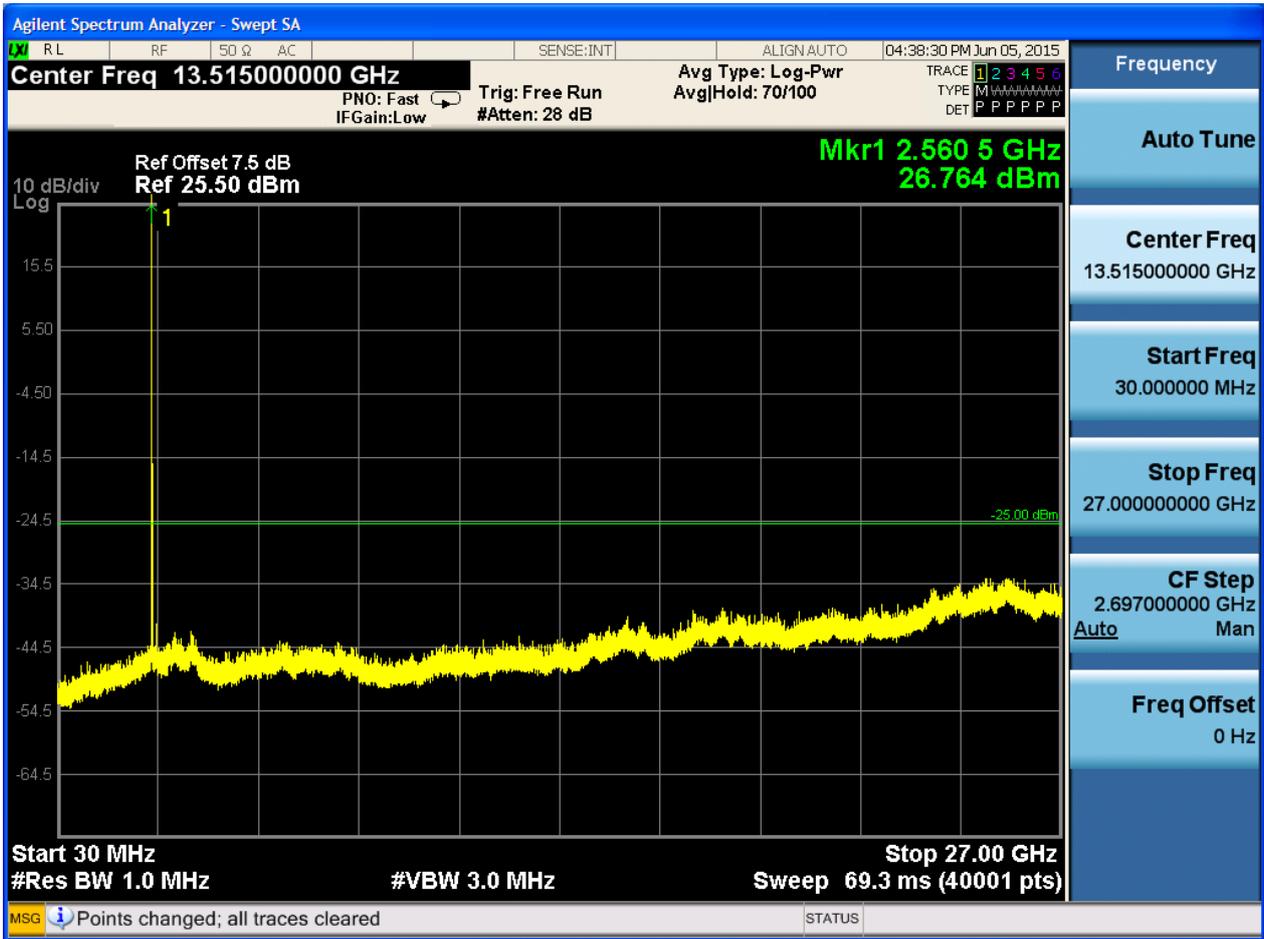


6.1.1.1.2.3 Test Channel = HCH

6.1.1.1.2.3.1 Test RB = RB1#0







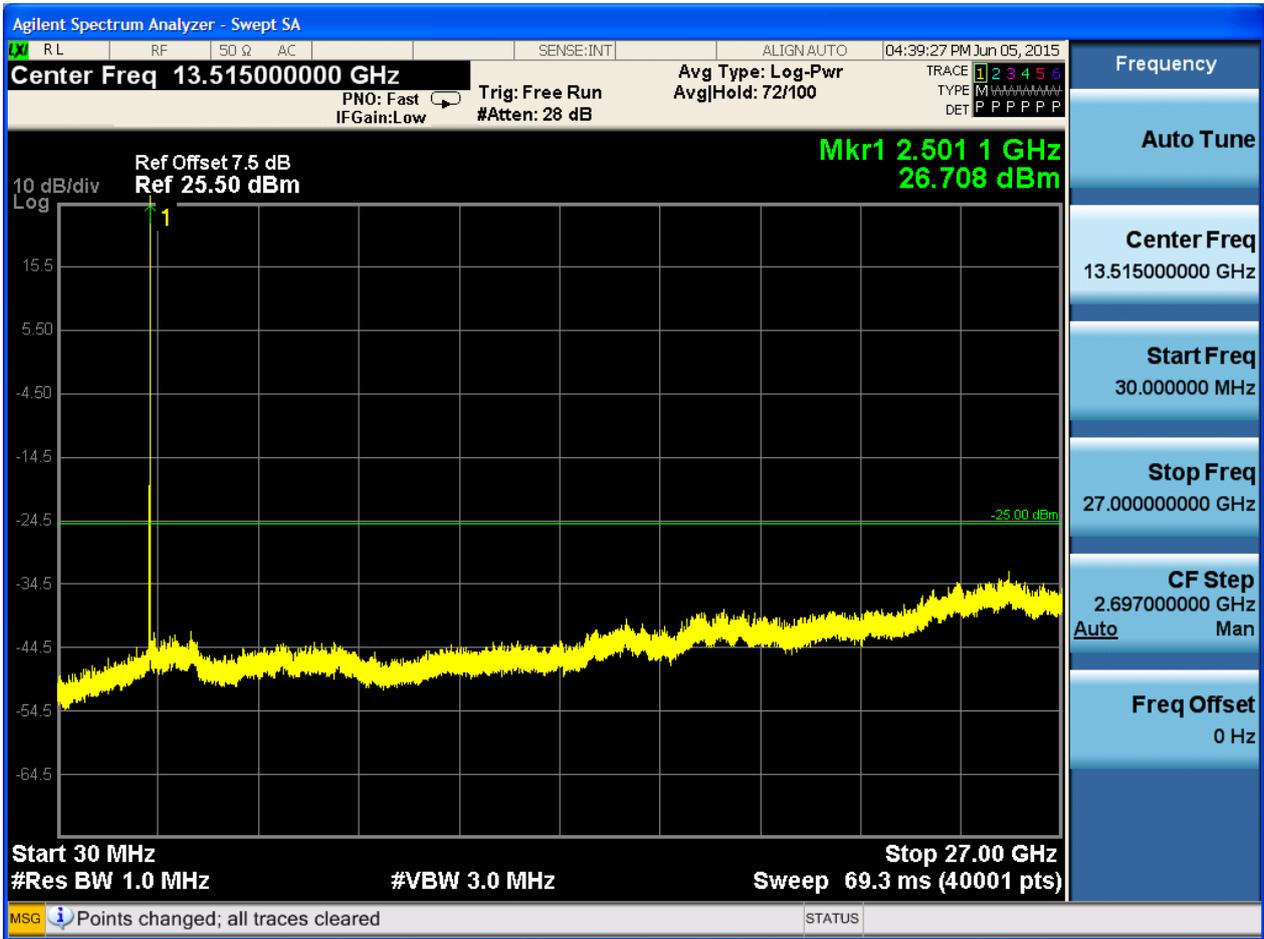
6.1.1.1.3 Test Bandwidth = 15

6.1.1.1.3.1 Test Channel = LCH

6.1.1.1.3.1.1 Test RB = RB1#0

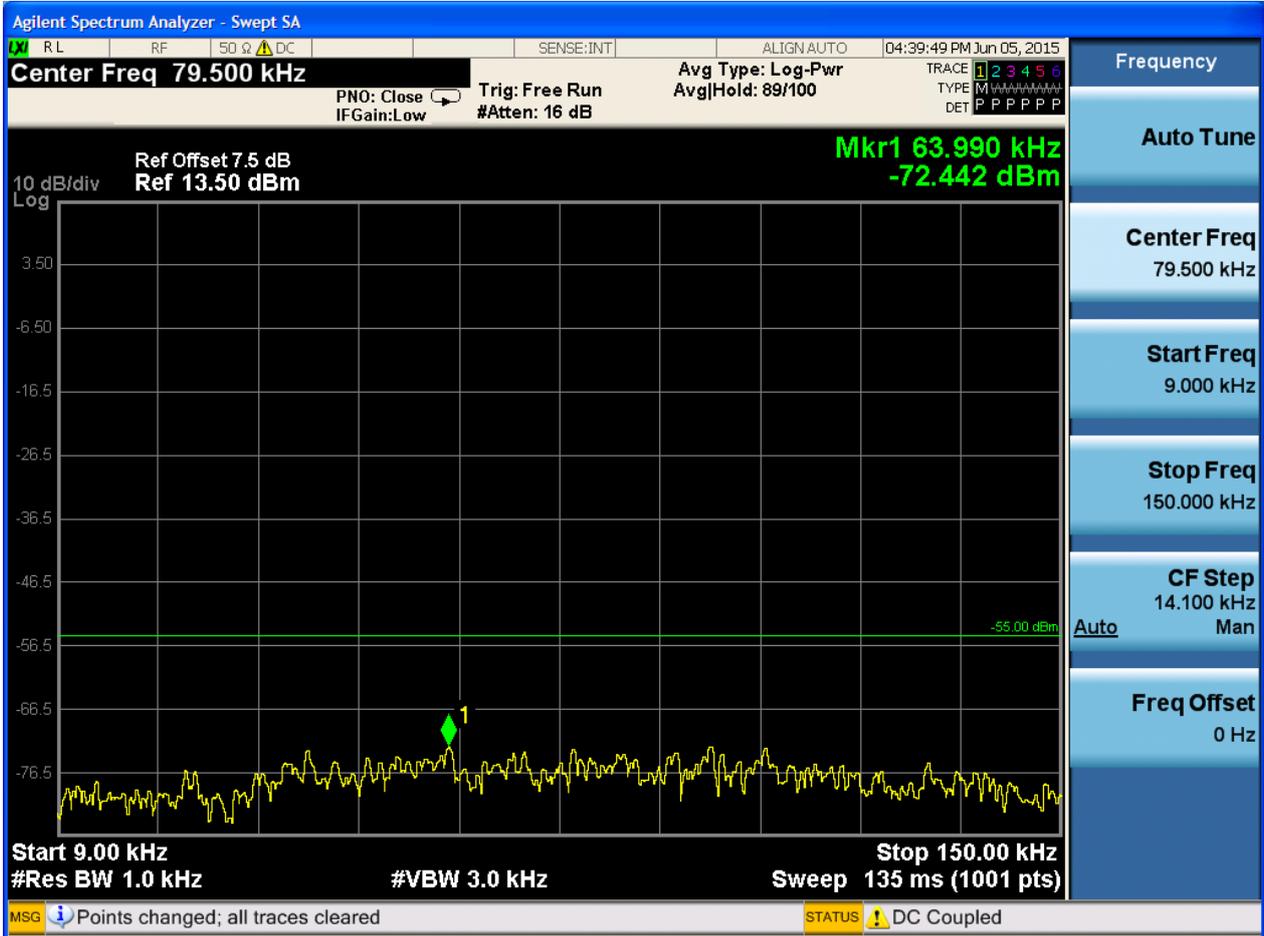


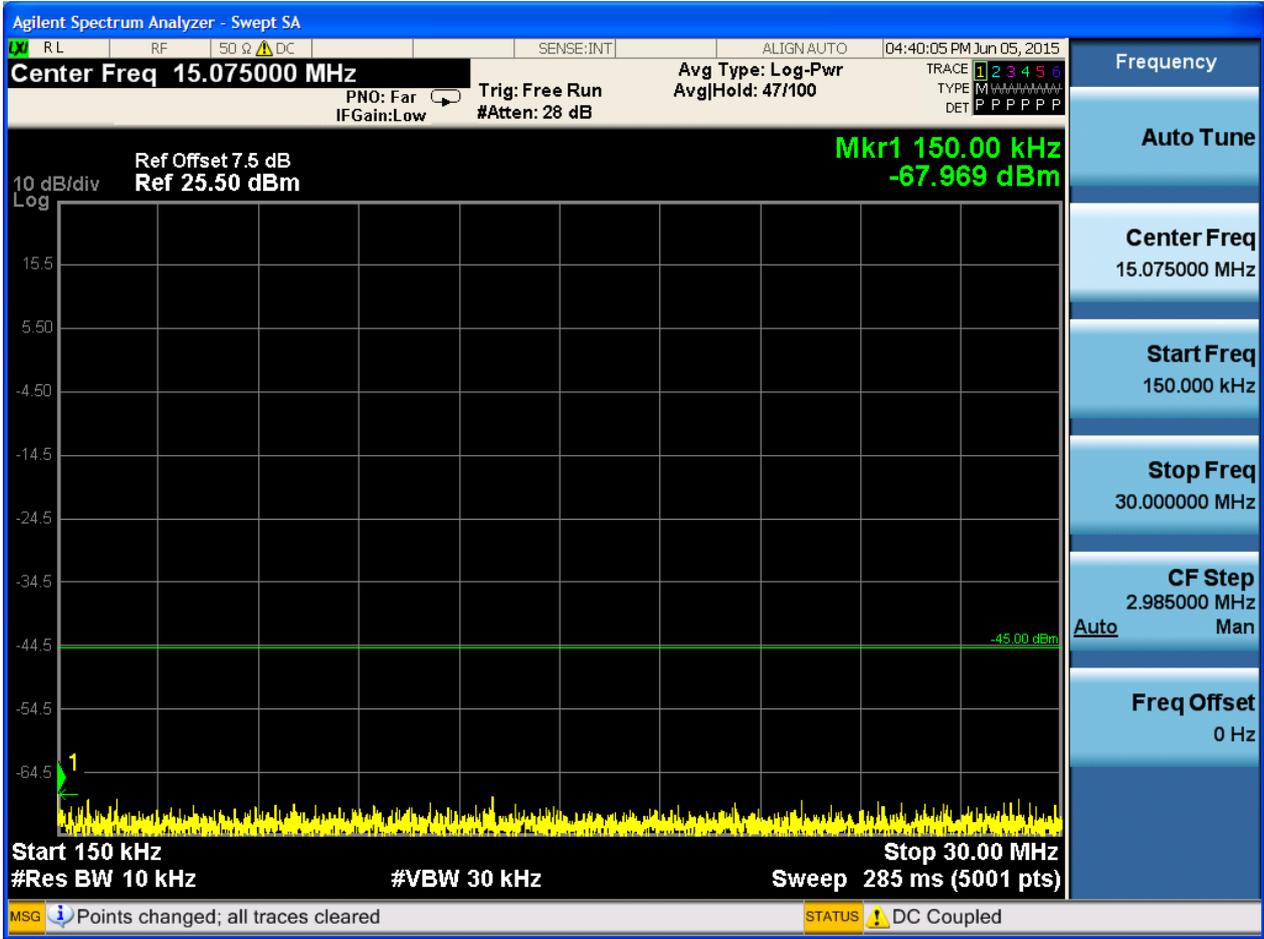




6.1.1.1.3.2 Test Channel = MCH

6.1.1.1.3.2.1 Test RB = RB1#0

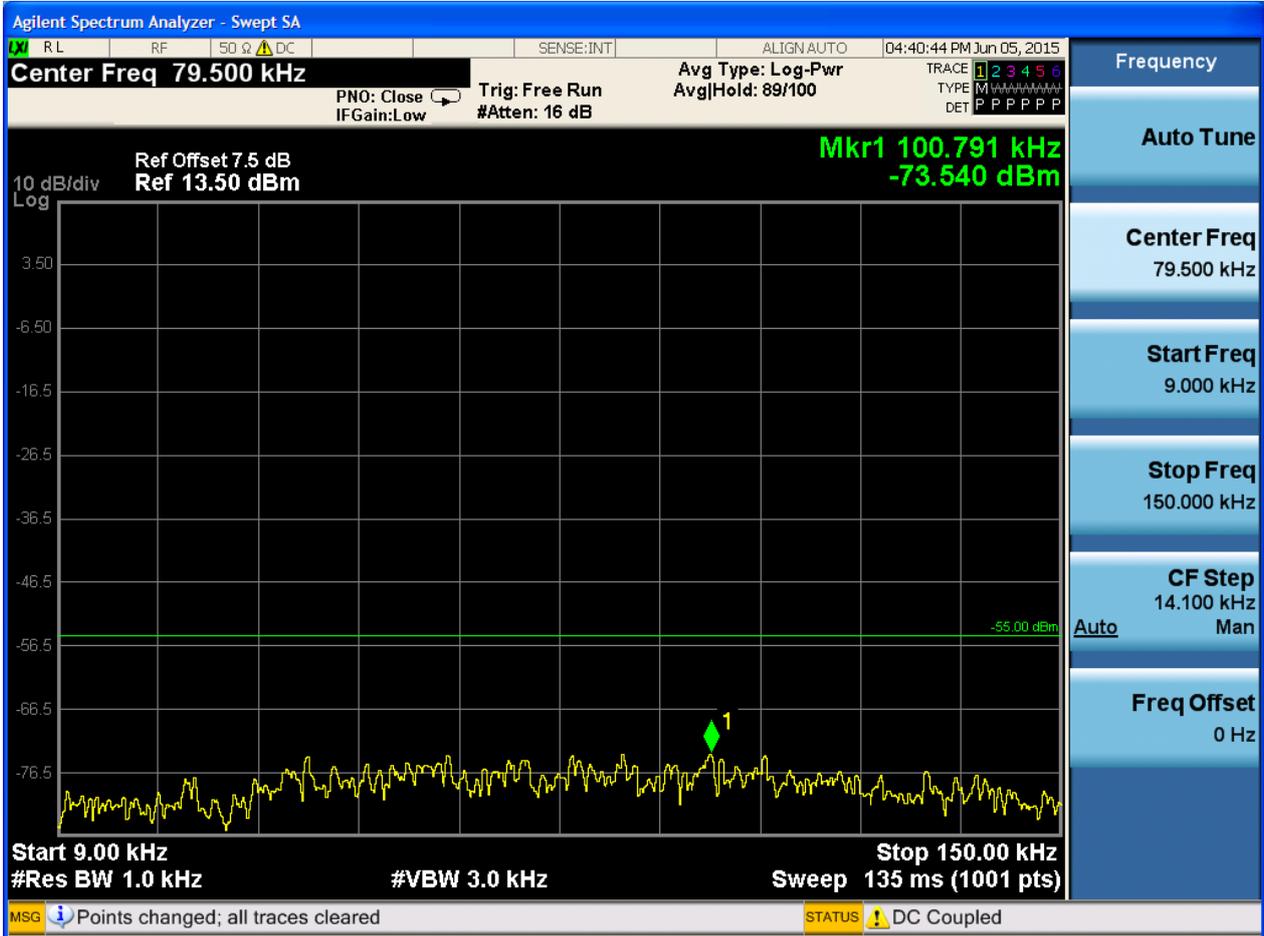


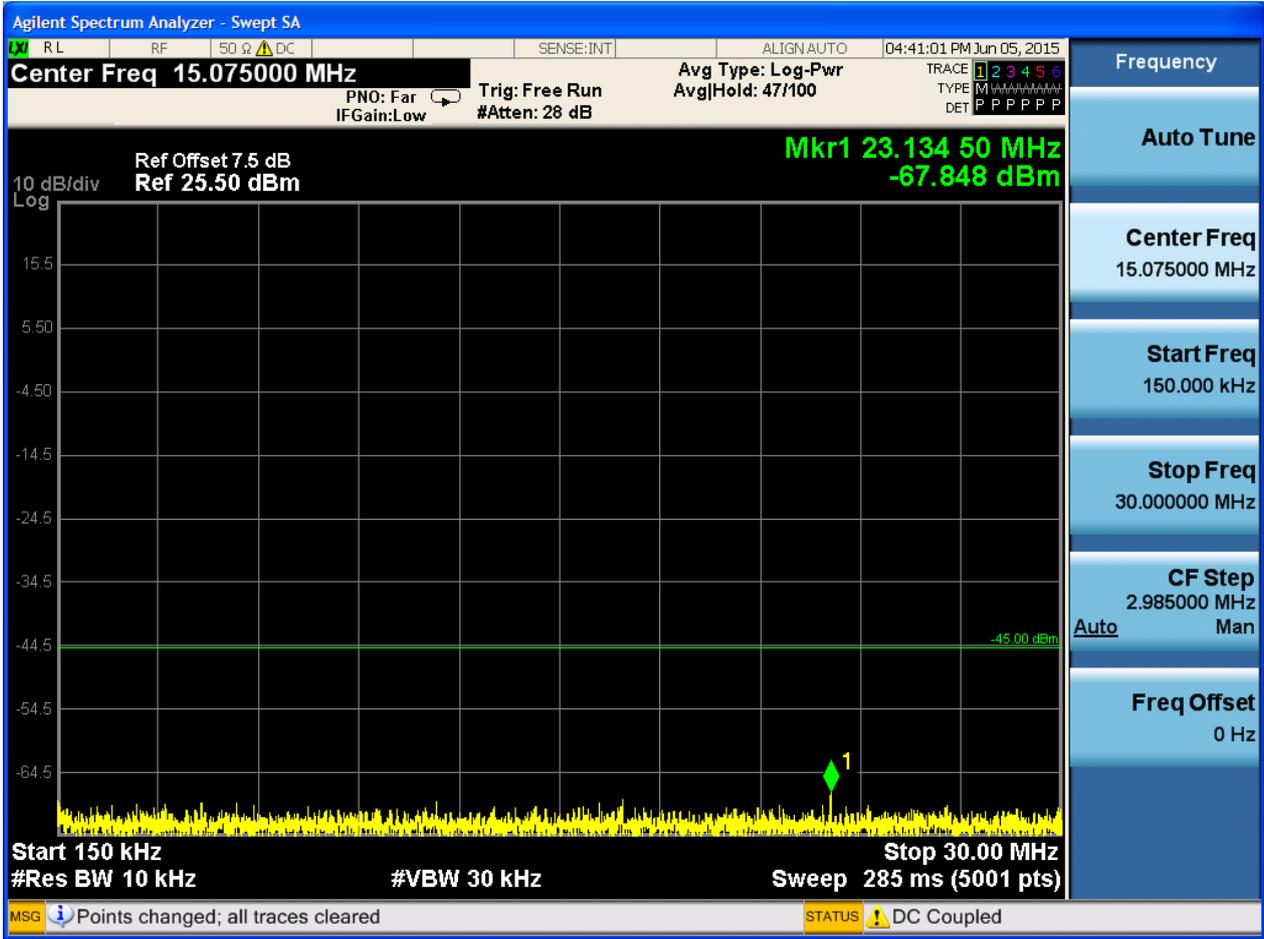


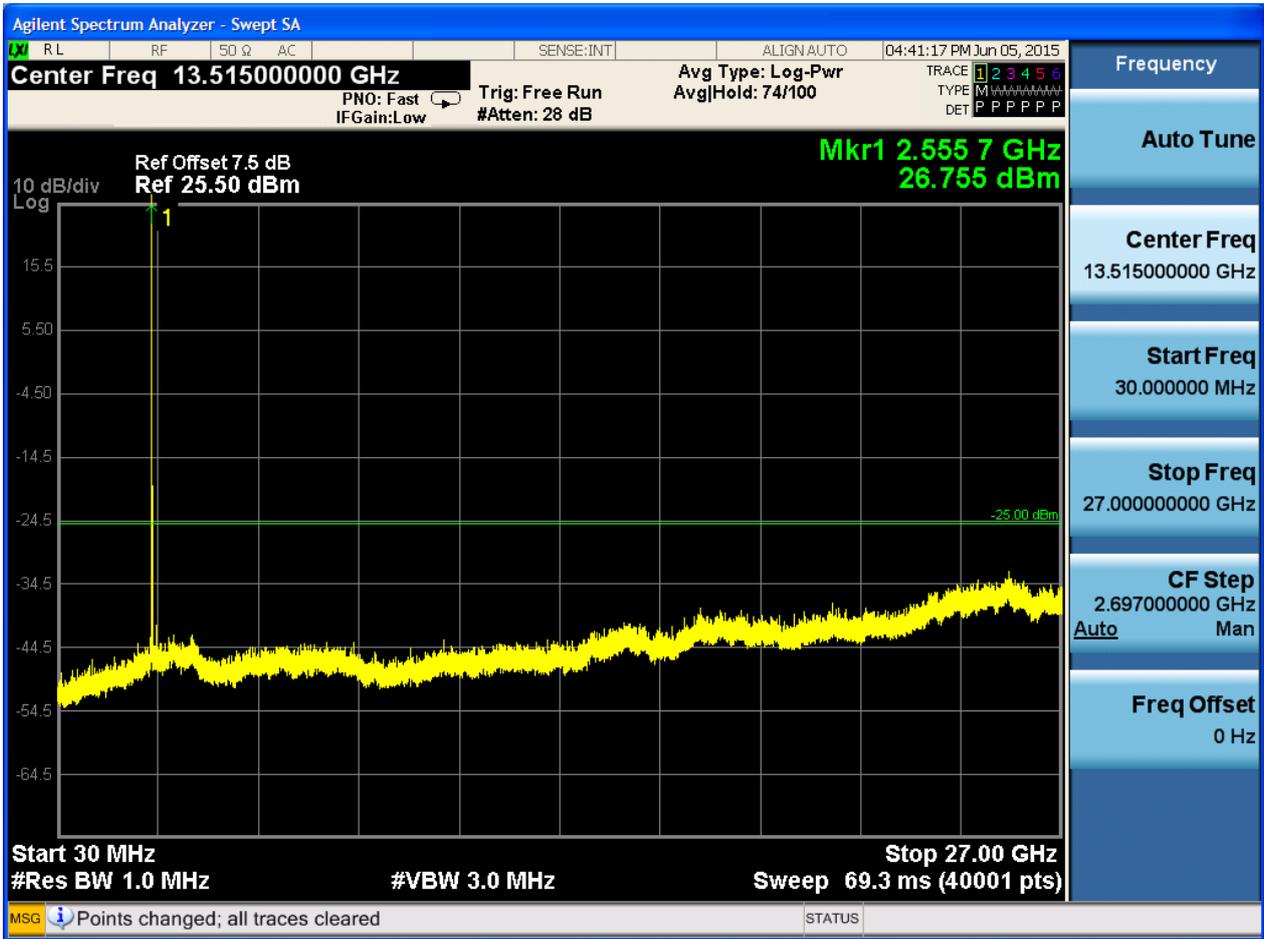


6.1.1.1.3.3 Test Channel = HCH

6.1.1.1.3.3.1 Test RB = RB1#0





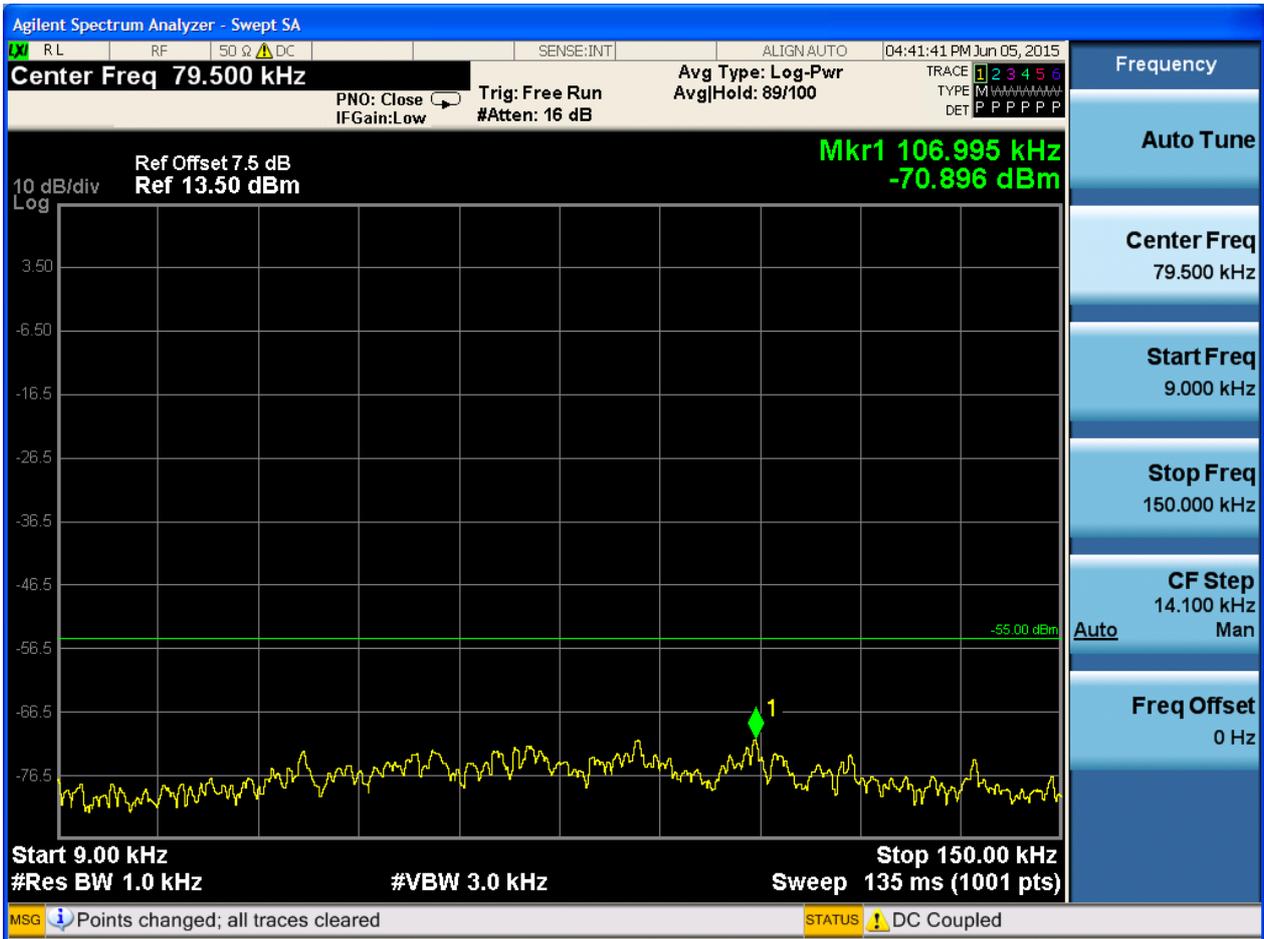




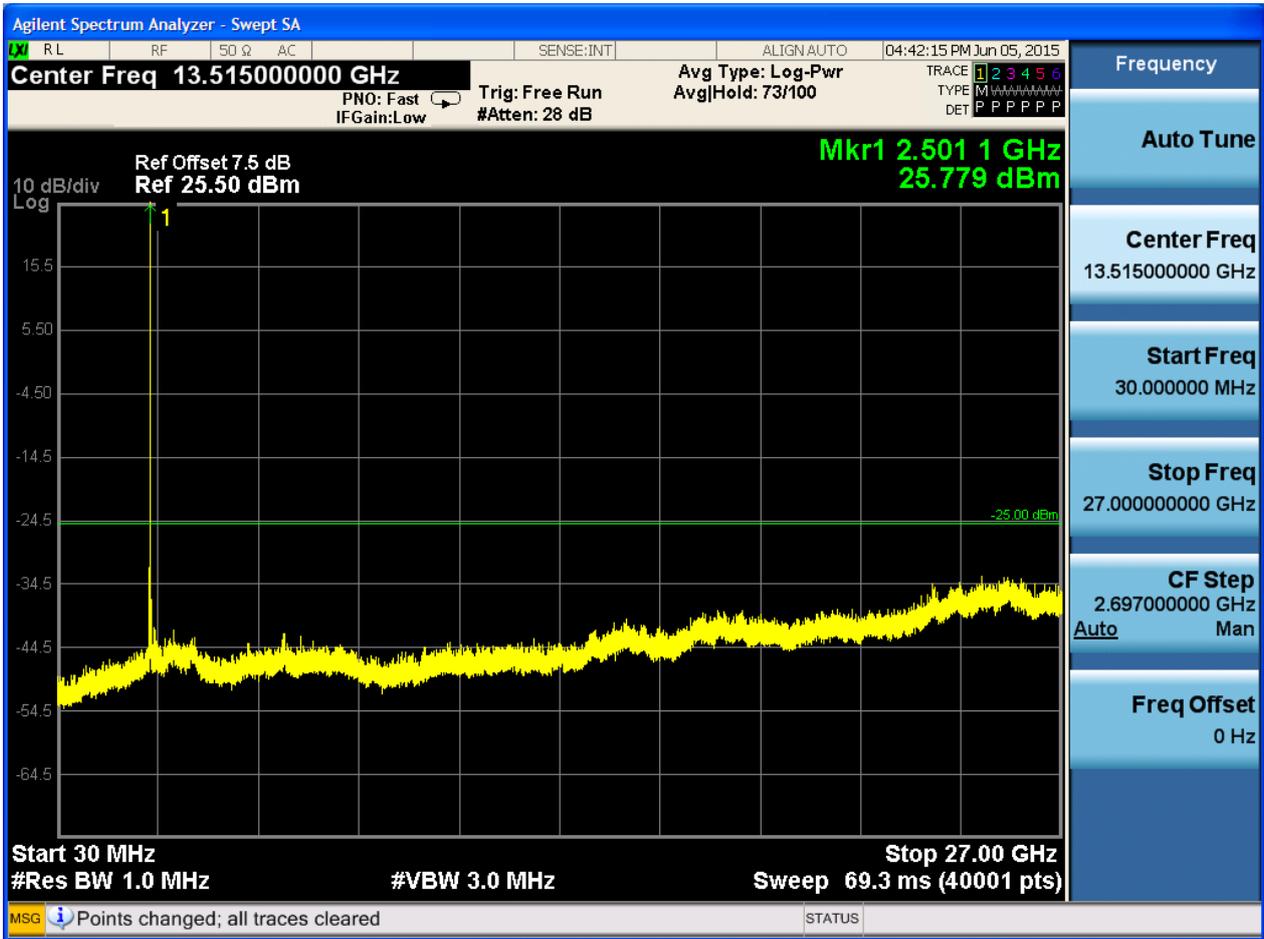
6.1.1.1.4 Test Bandwidth = 20

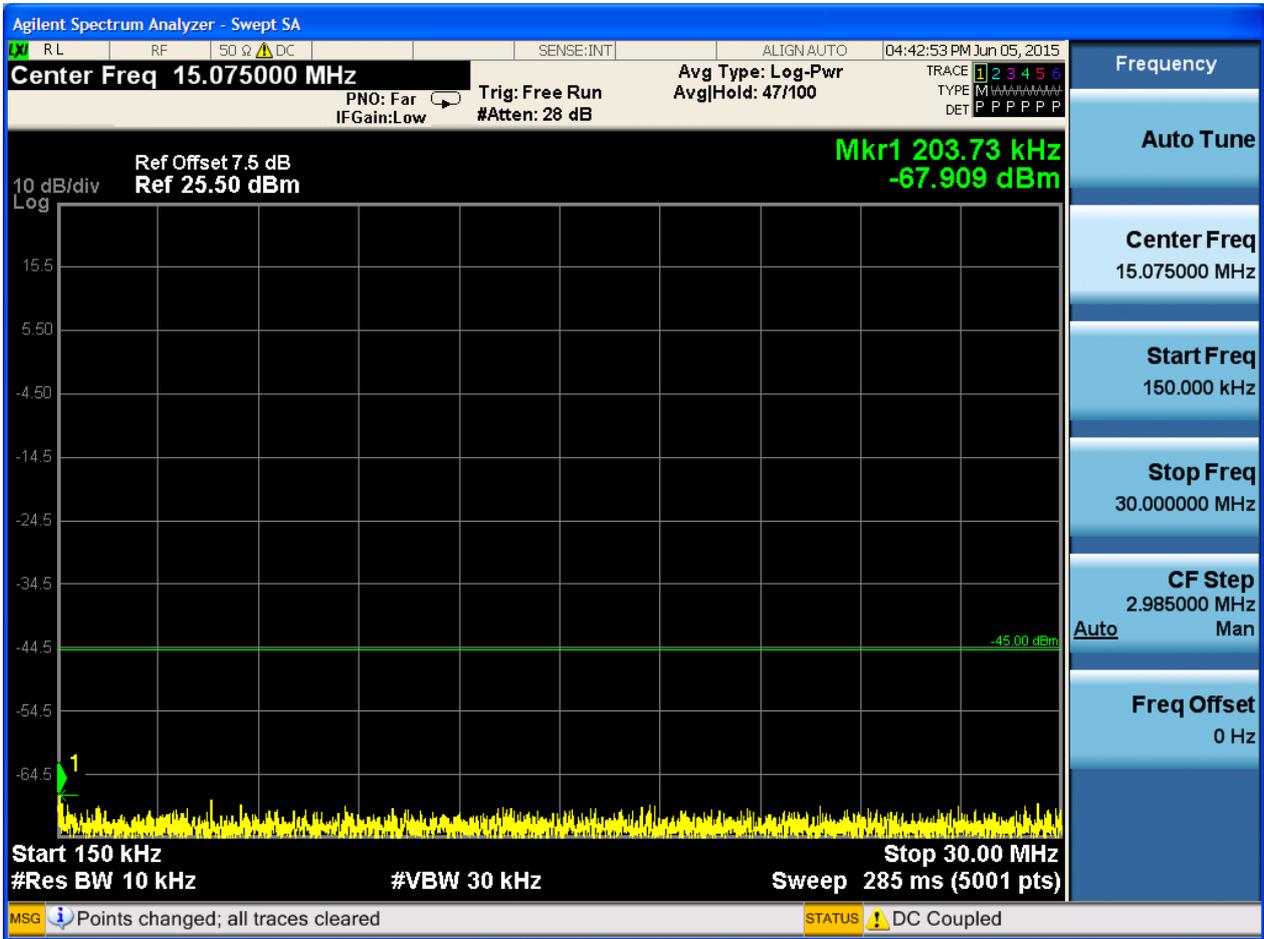
6.1.1.1.4.1 Test Channel = LCH

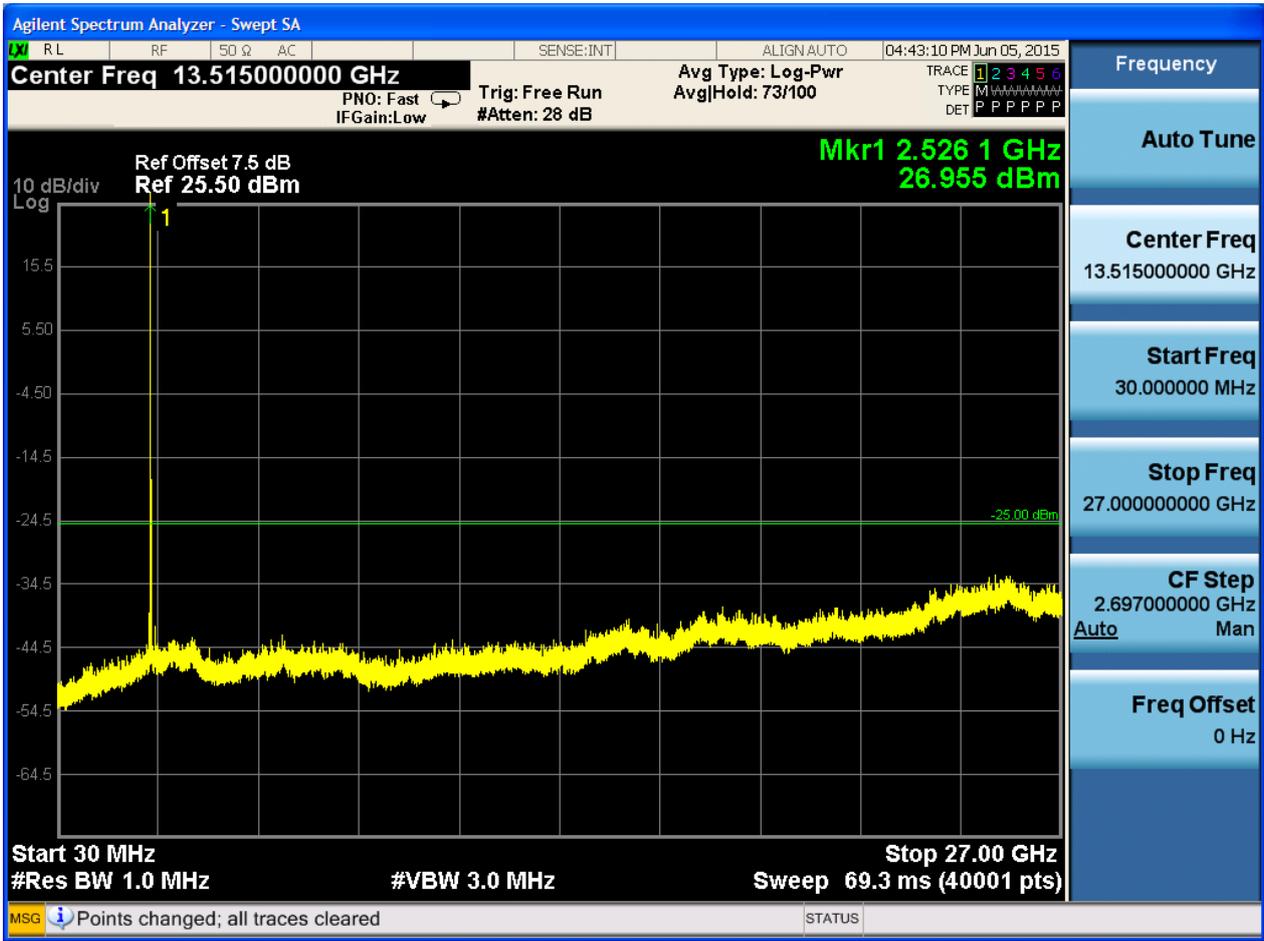
6.1.1.1.4.1.1 Test RB = RB1#0







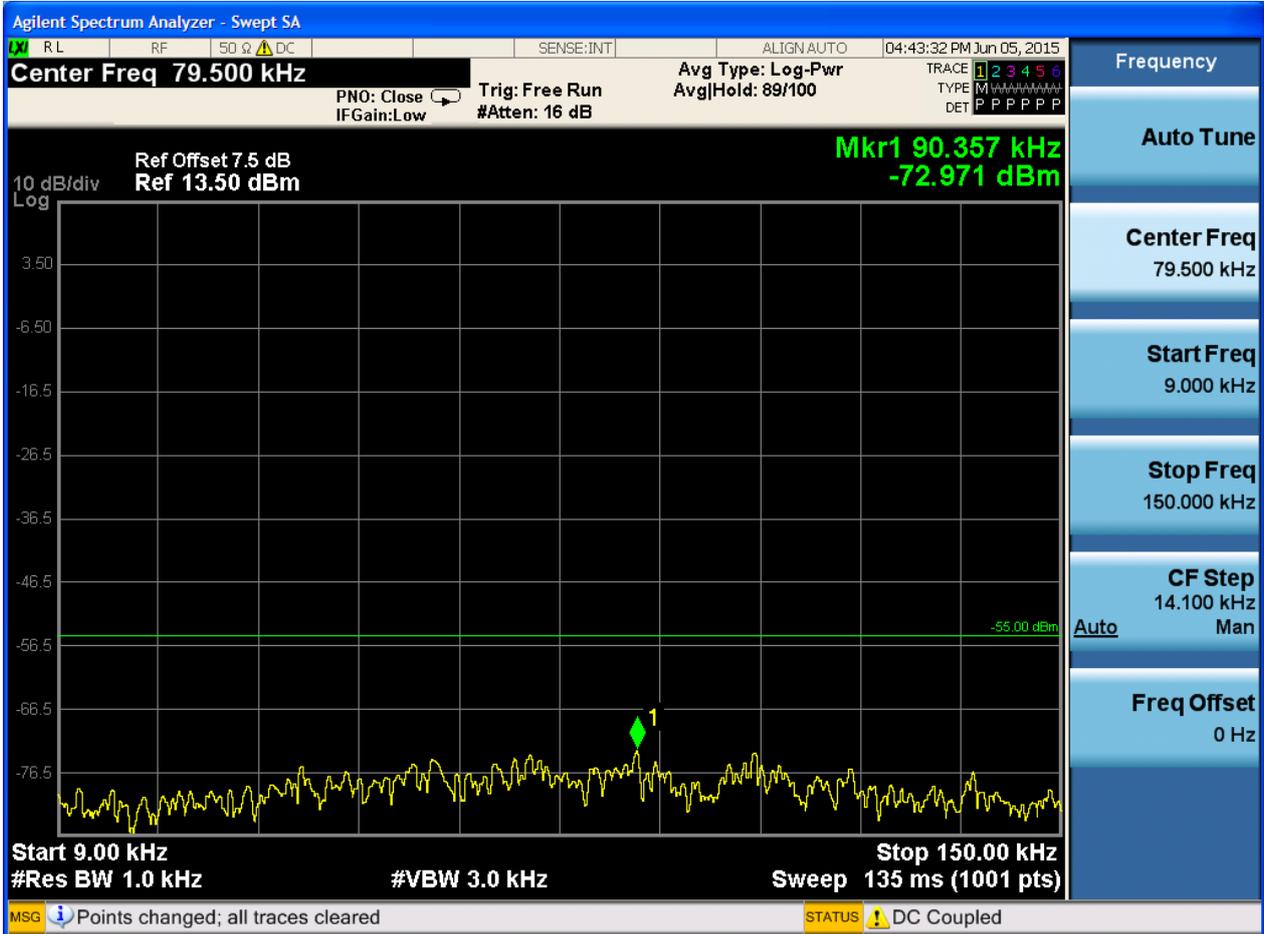


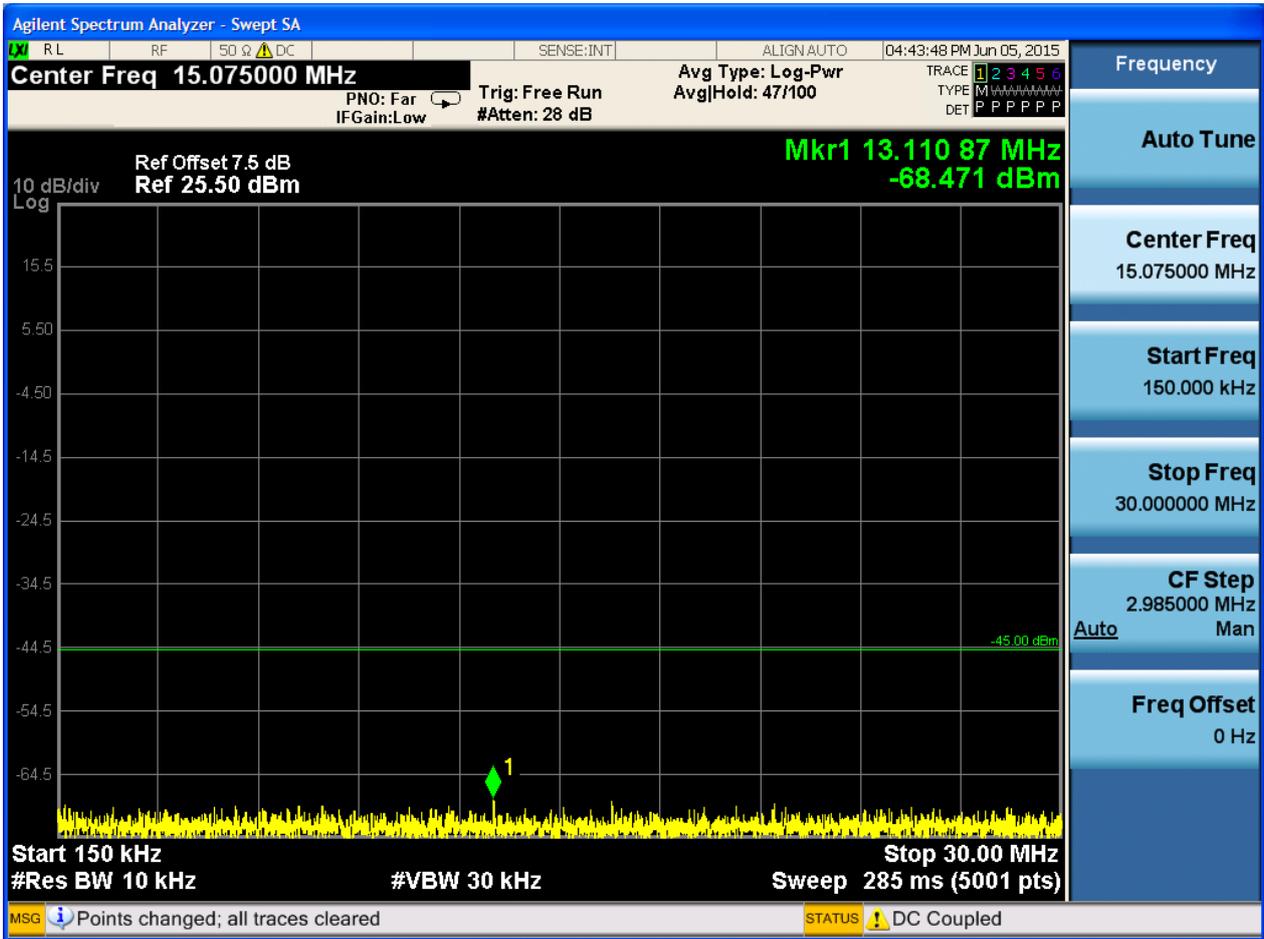


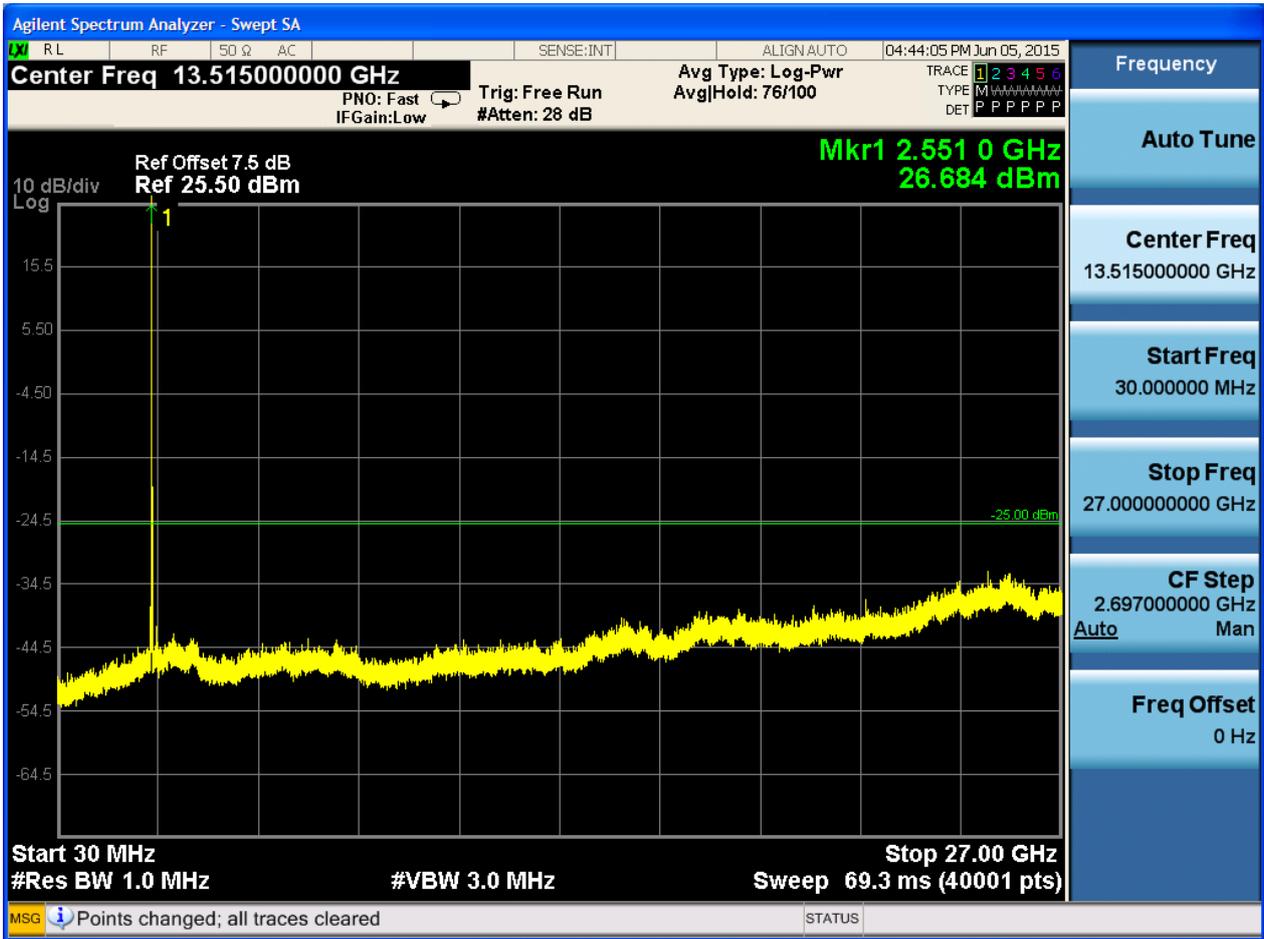


6.1.1.1.4.3 Test Channel = HCH

6.1.1.1.4.3.1 Test RB = RB1#0







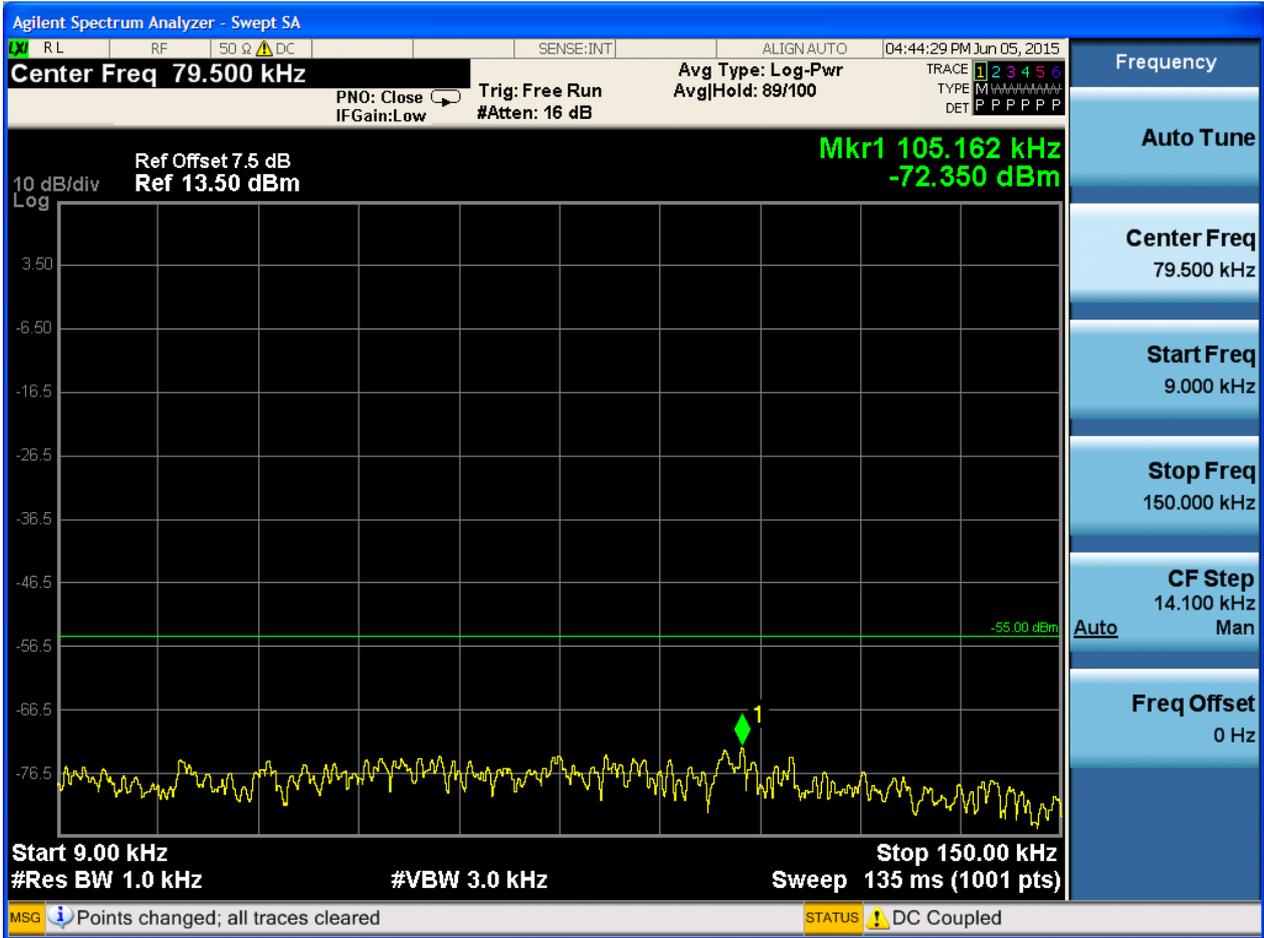


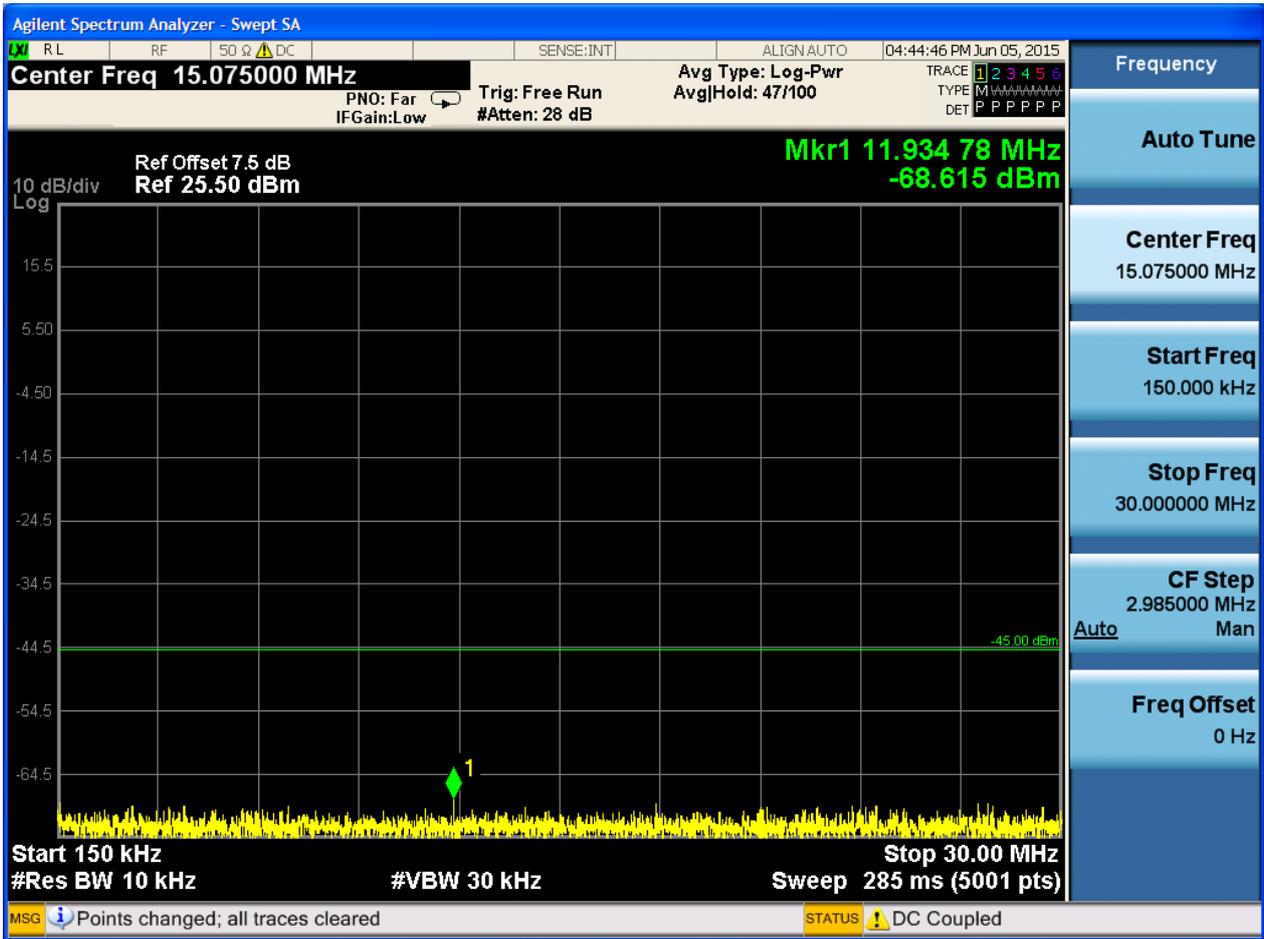
6.1.1.2 Test Mode = LTE/TM2

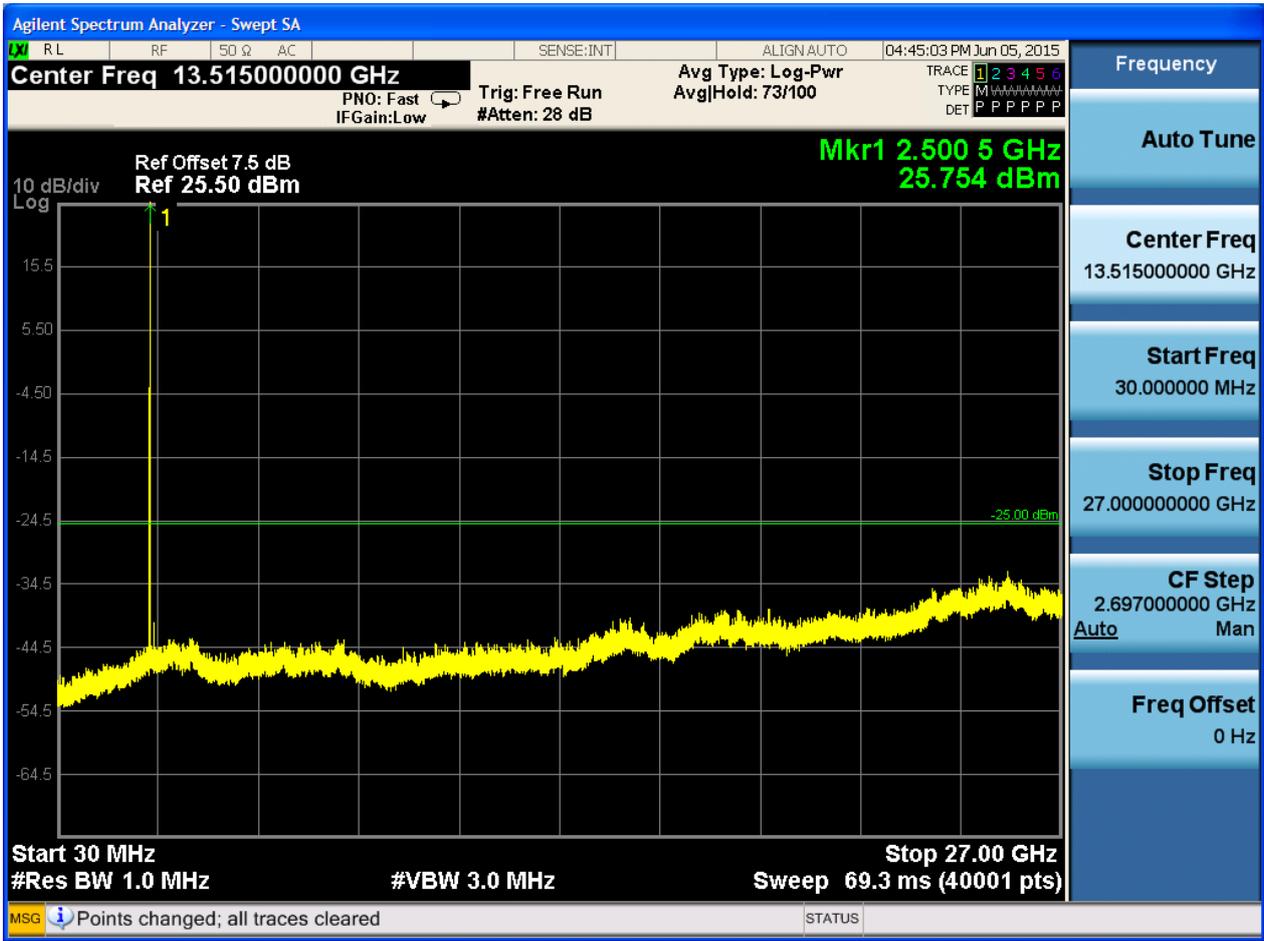
6.1.1.2.1 Test Bandwidth = 5

6.1.1.2.1.1 Test Channel = LCH

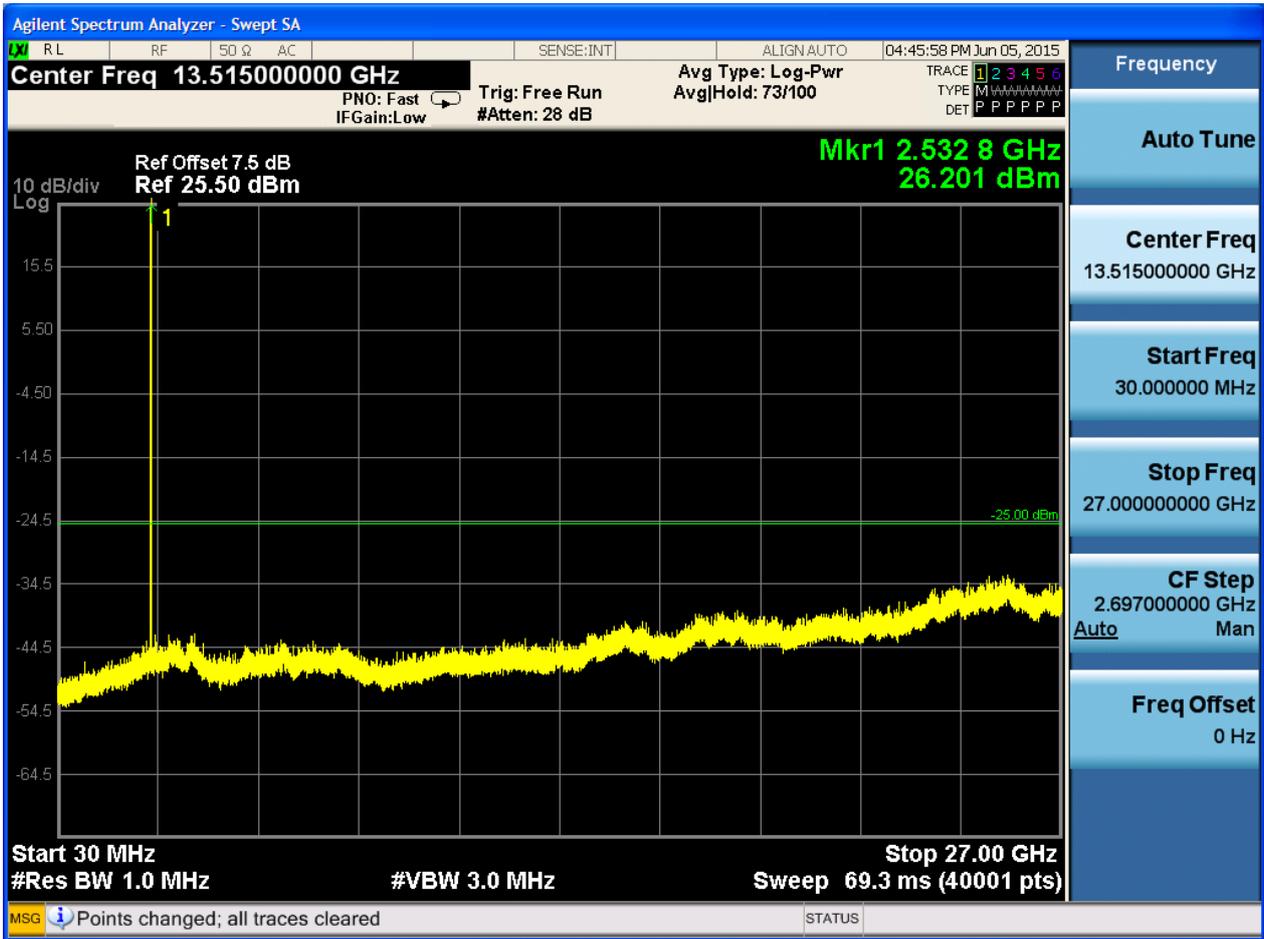
6.1.1.2.1.1.1 Test RB = RB1#0

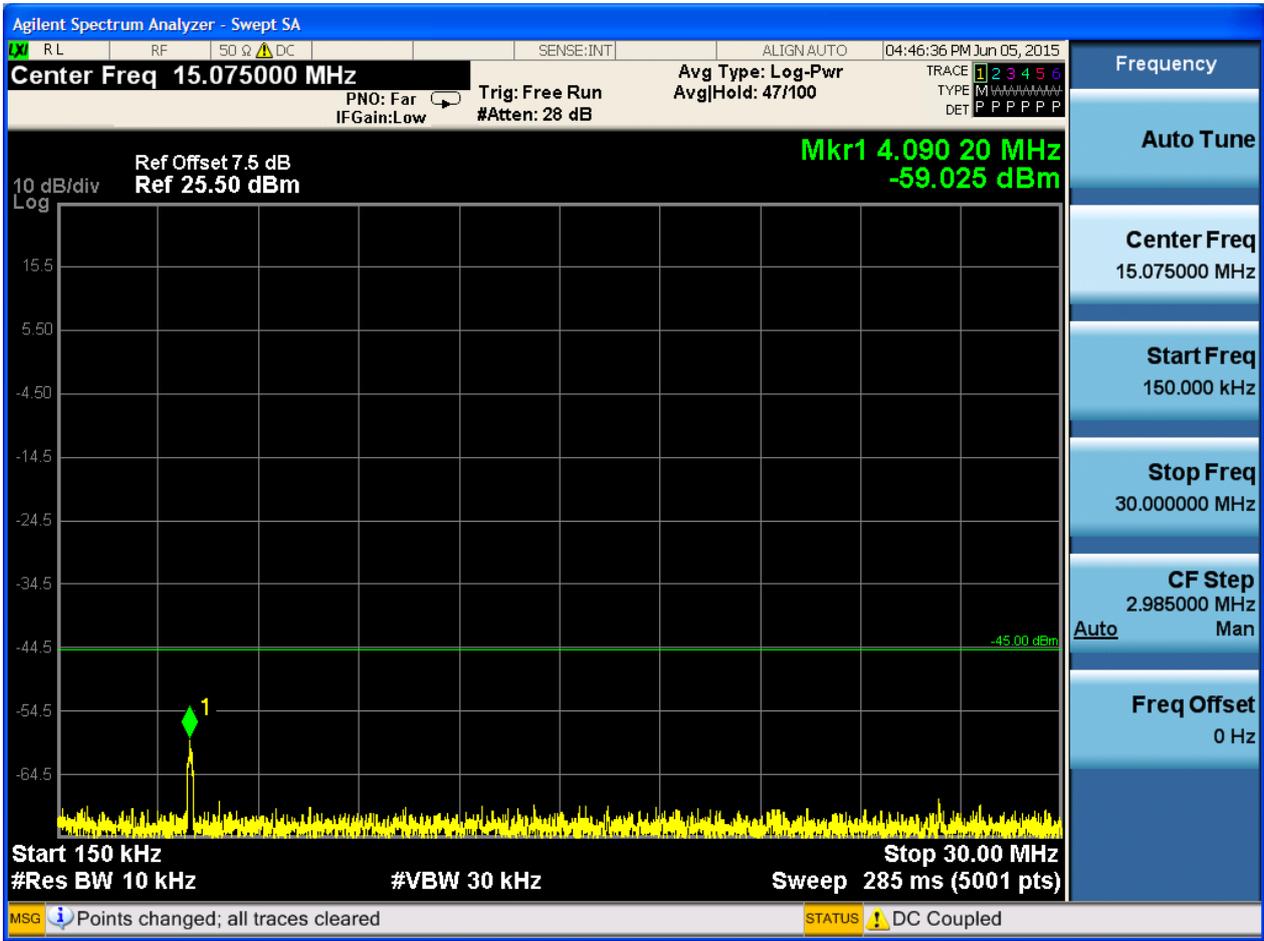












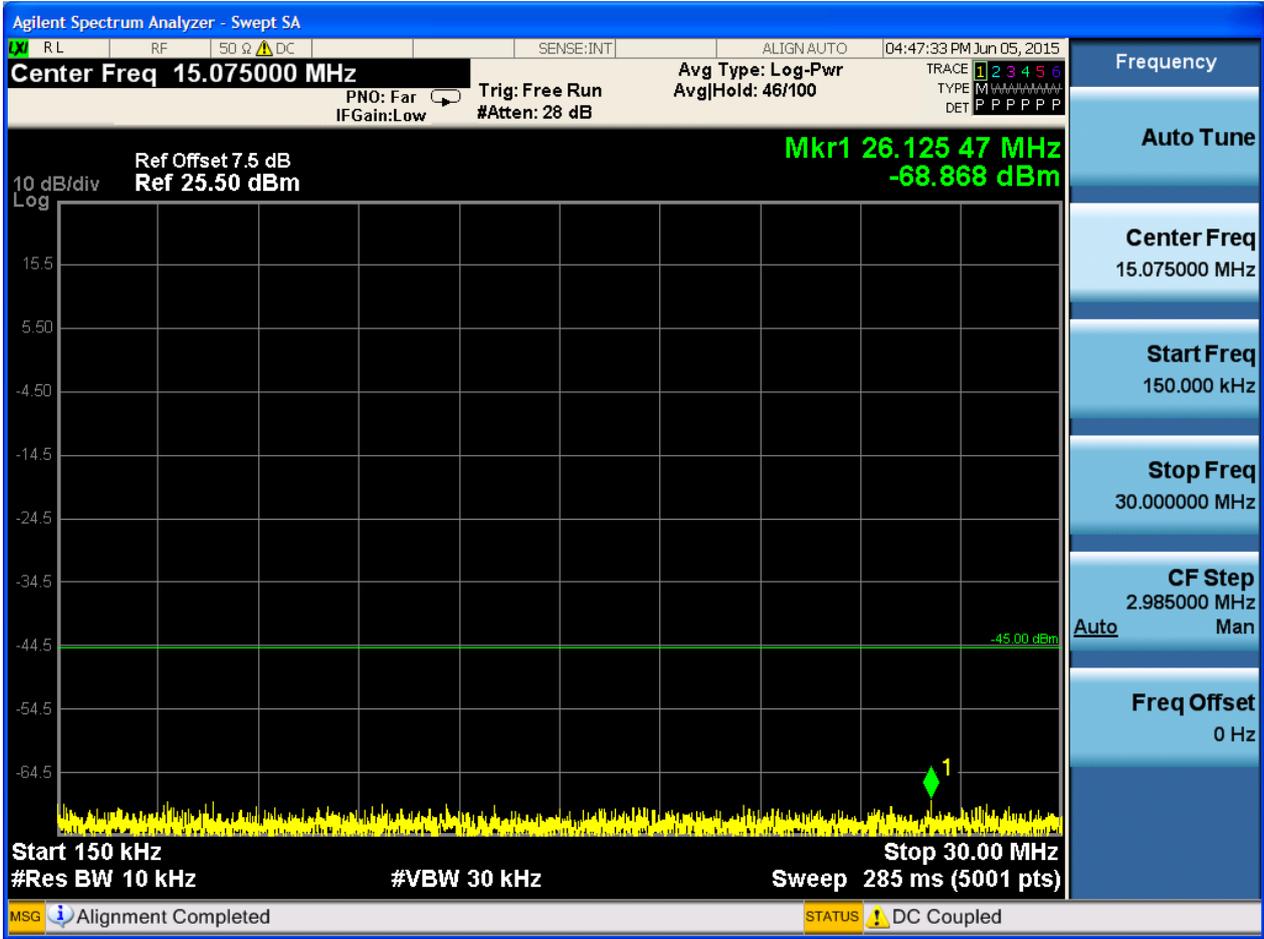


6.1.1.2.2 Test Bandwidth = 10

6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



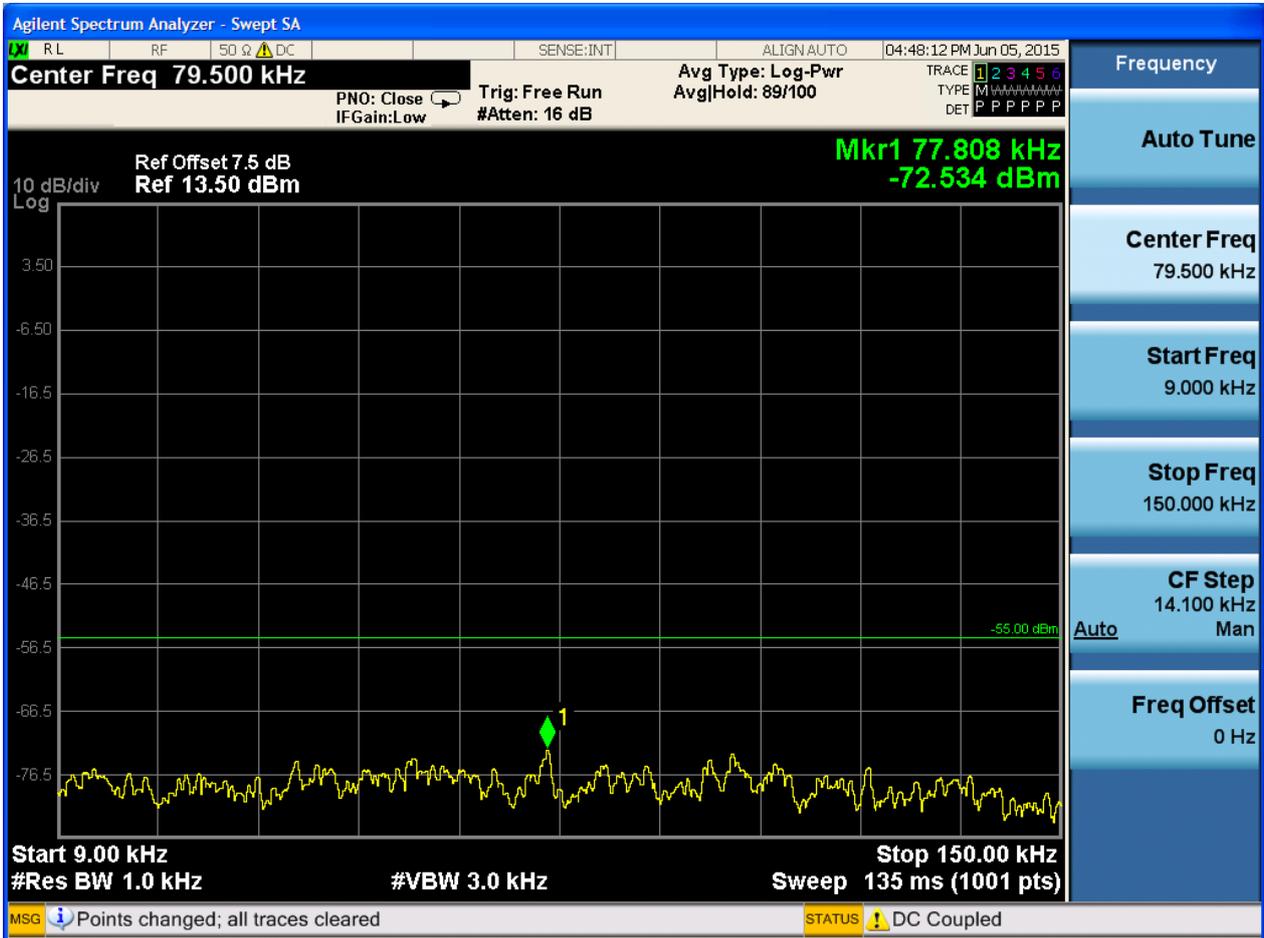






6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0

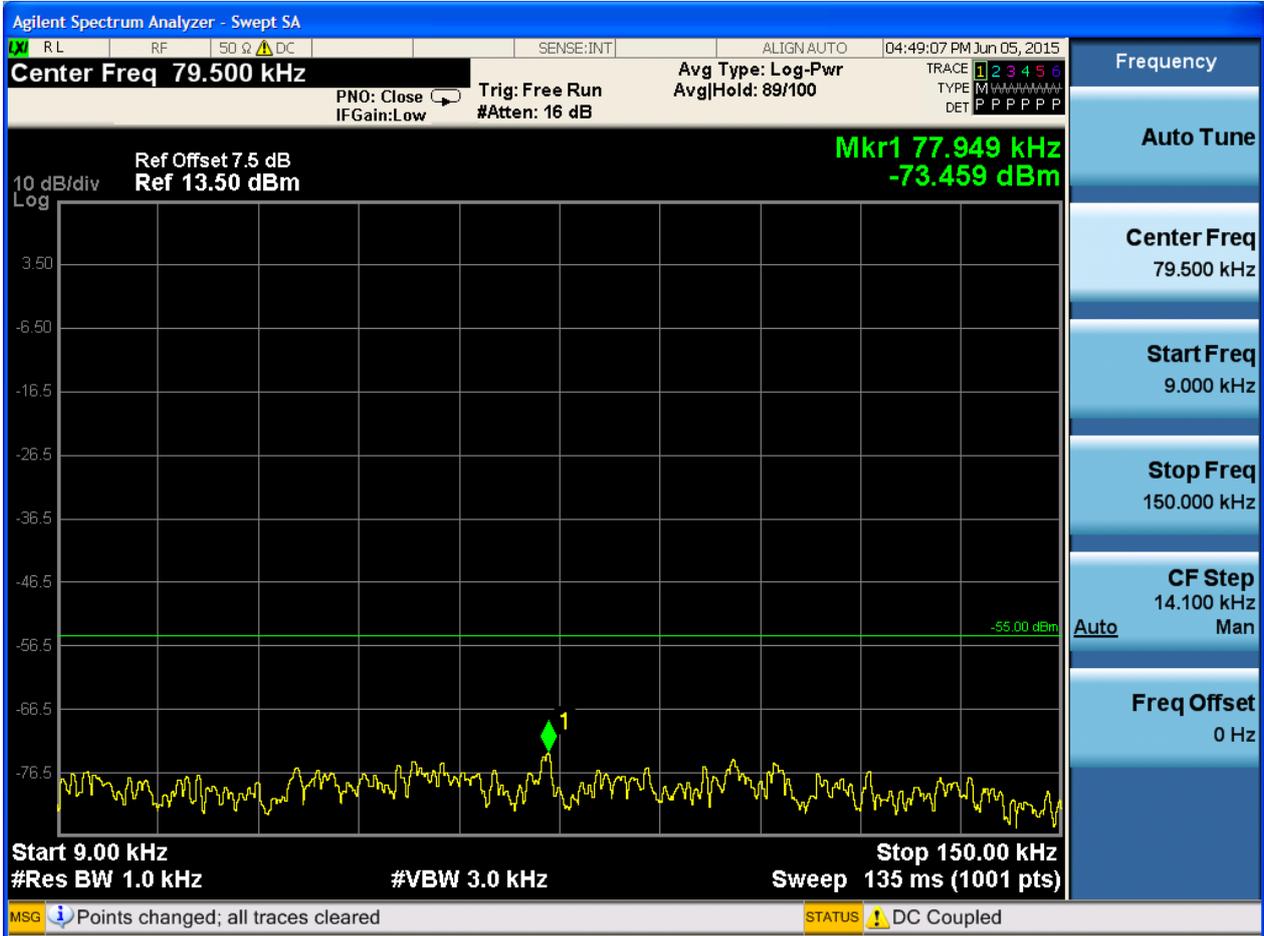


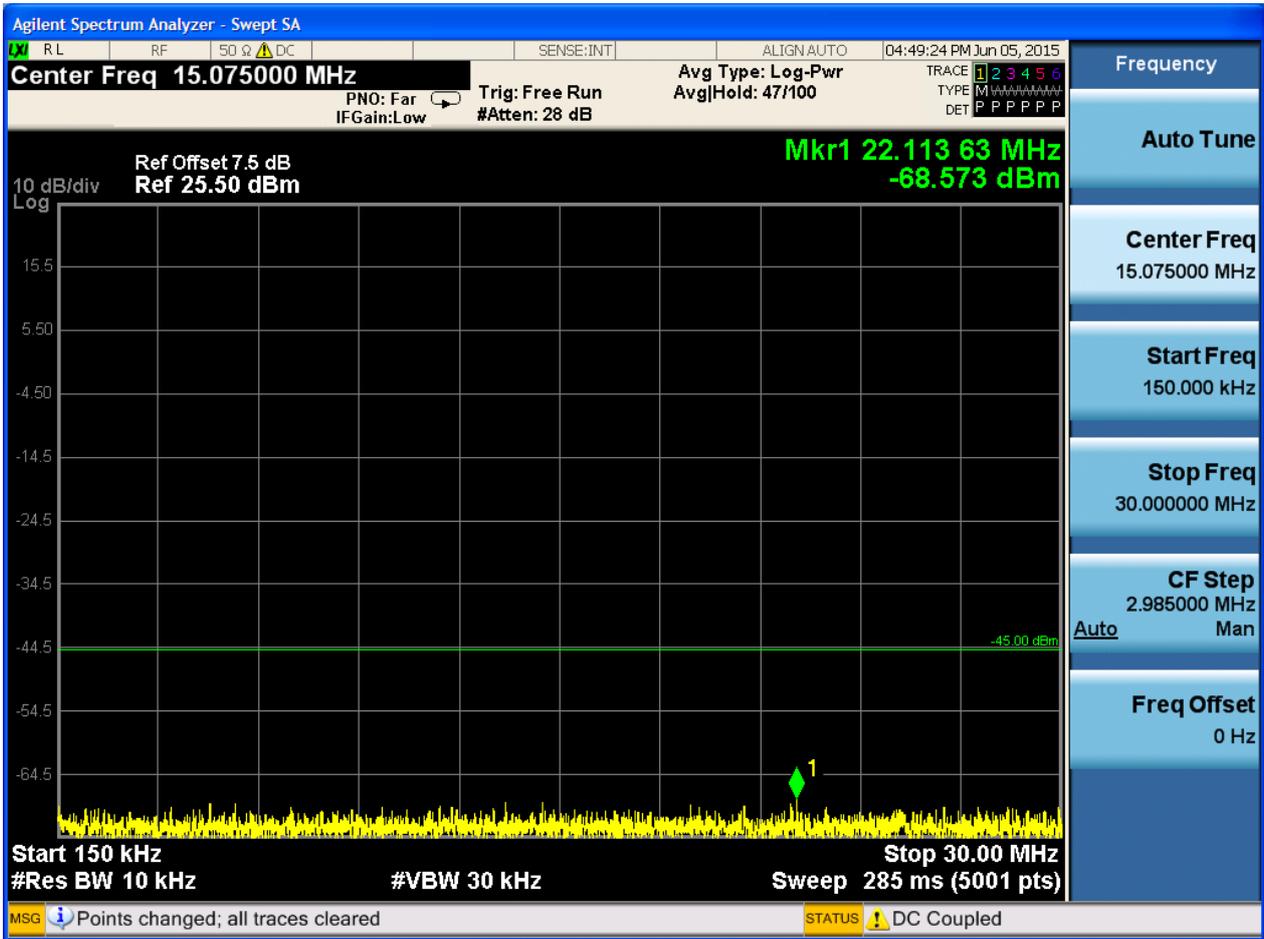


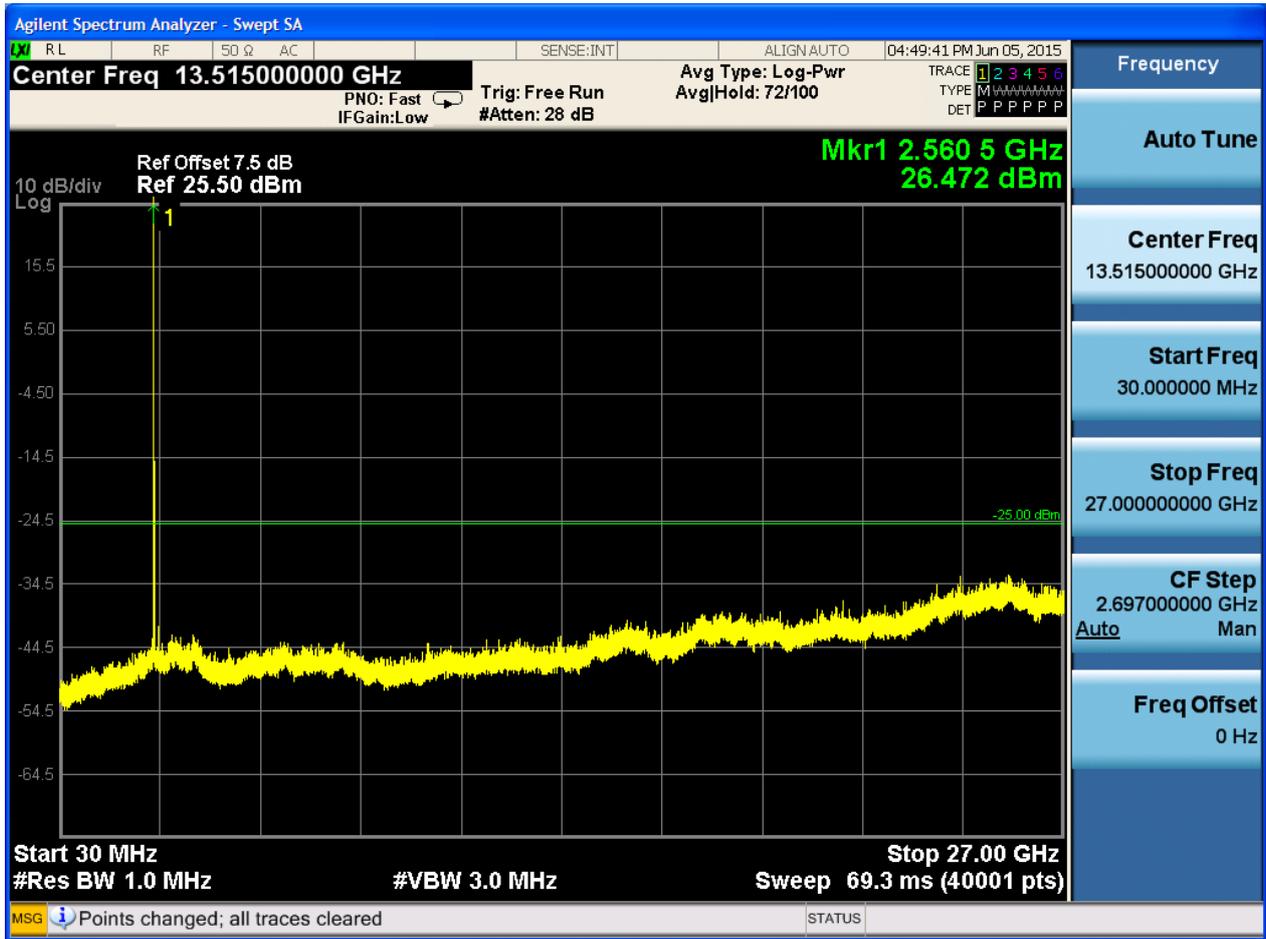


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0





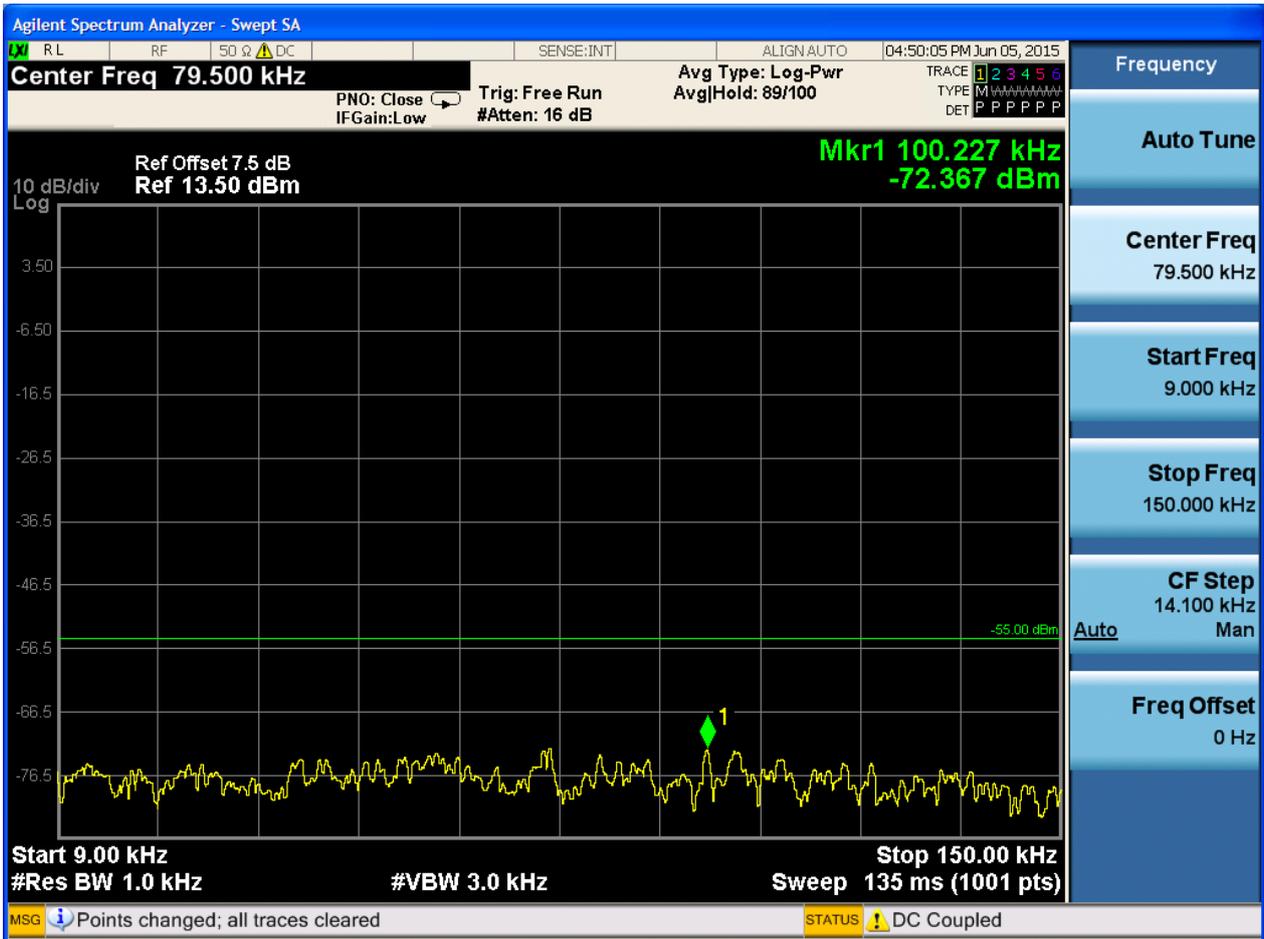




6.1.1.2.3 Test Bandwidth = 15

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0



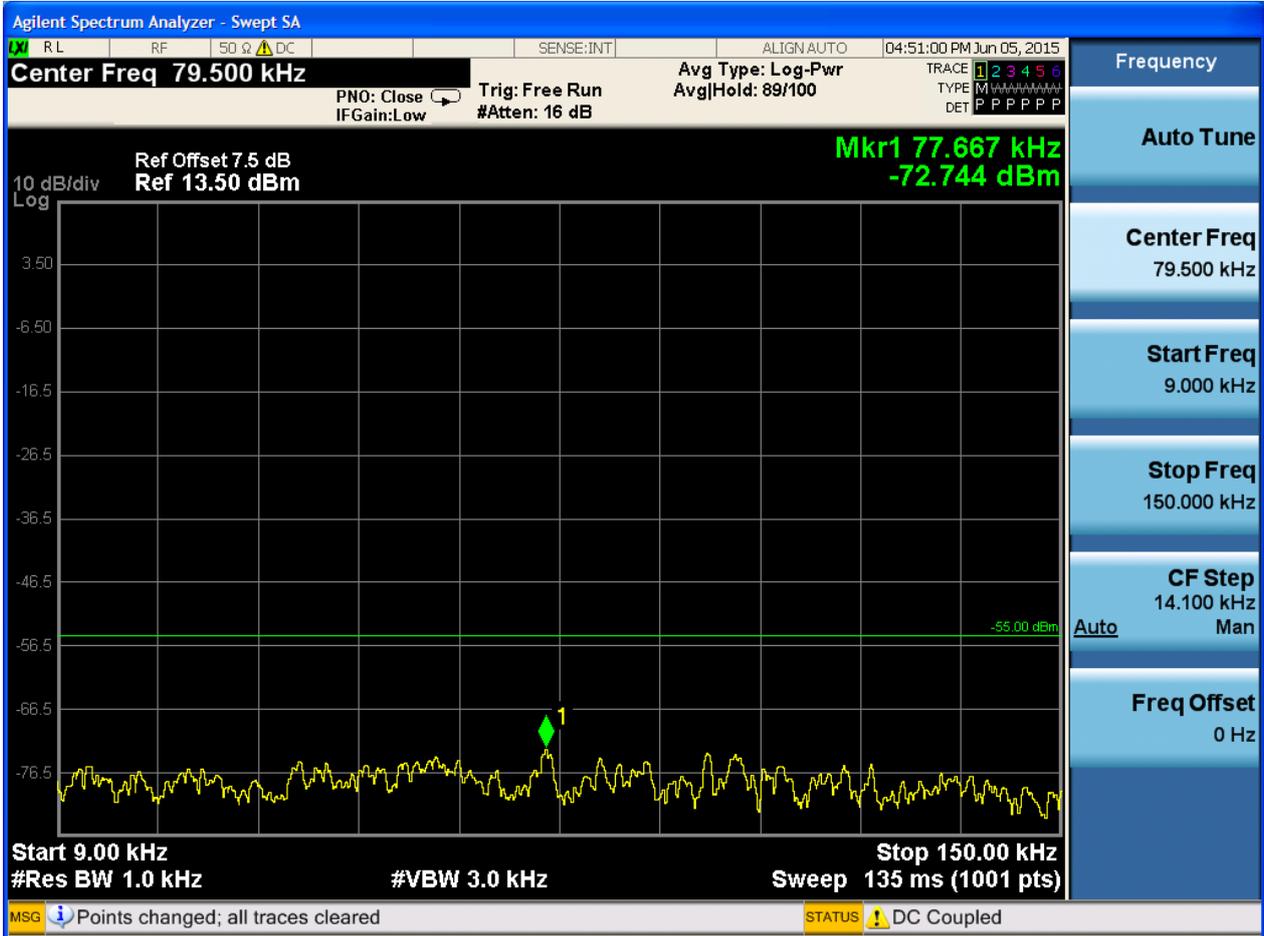




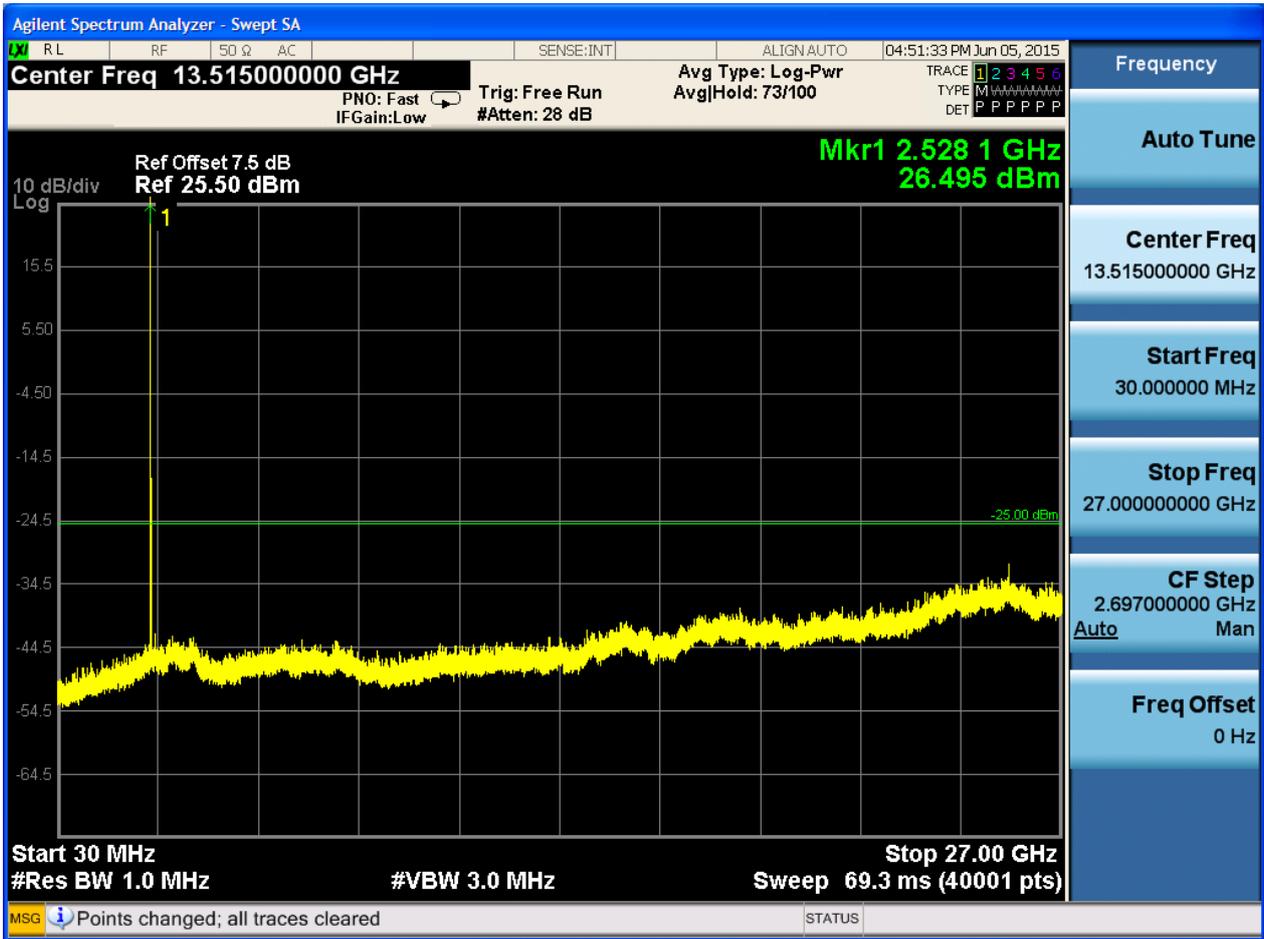


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

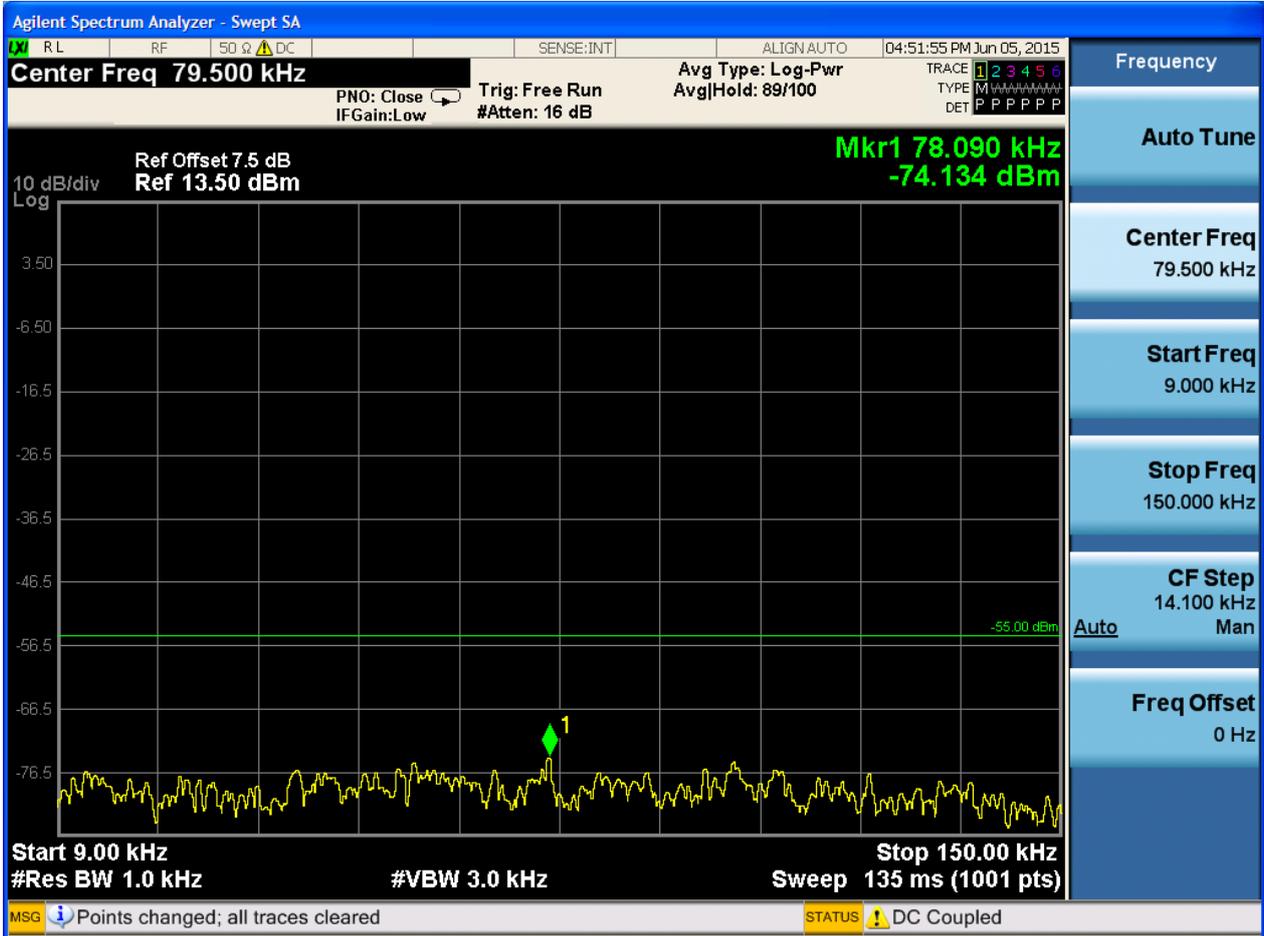






6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0





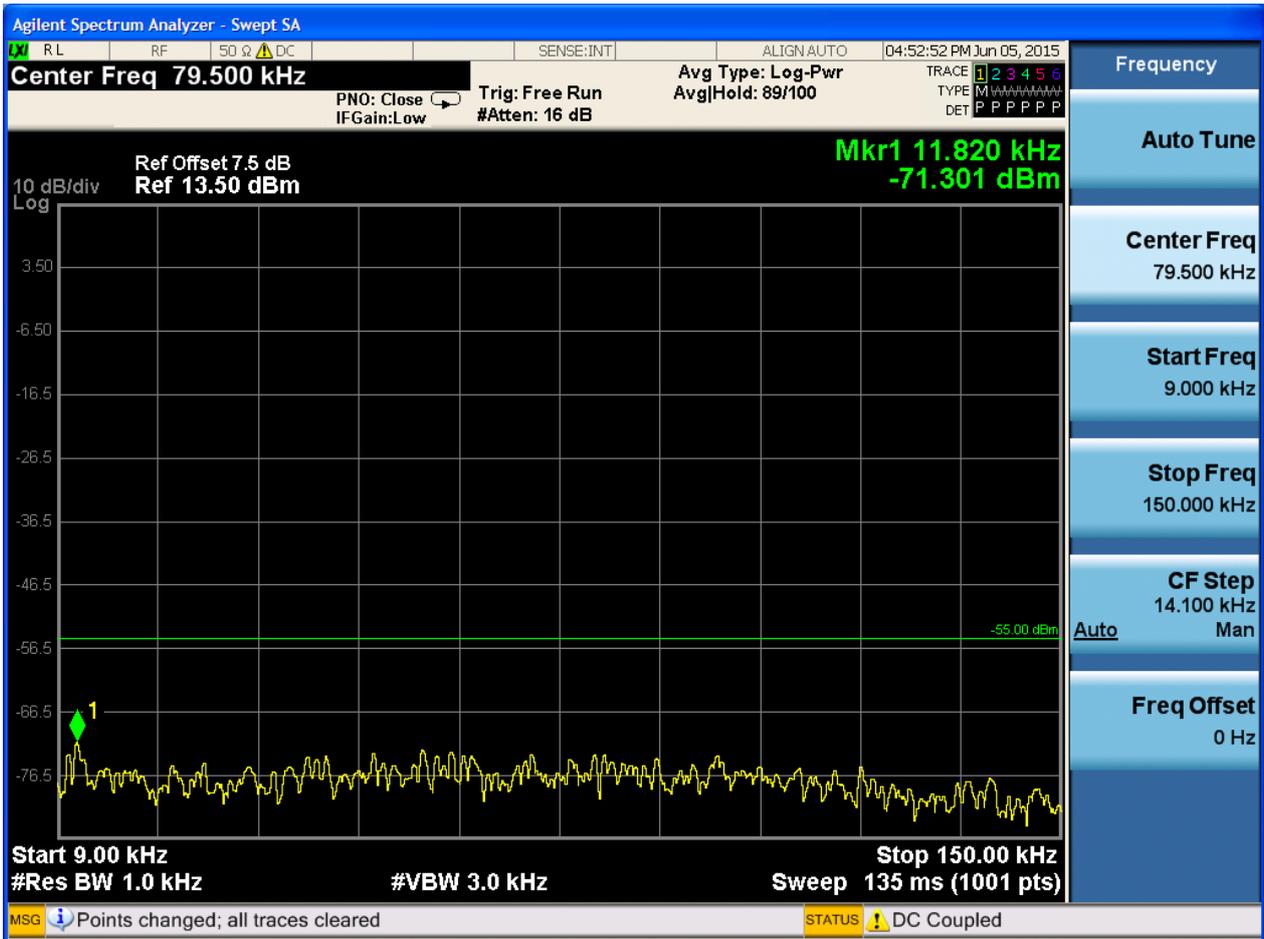




6.1.1.2.4 Test Bandwidth = 20

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0



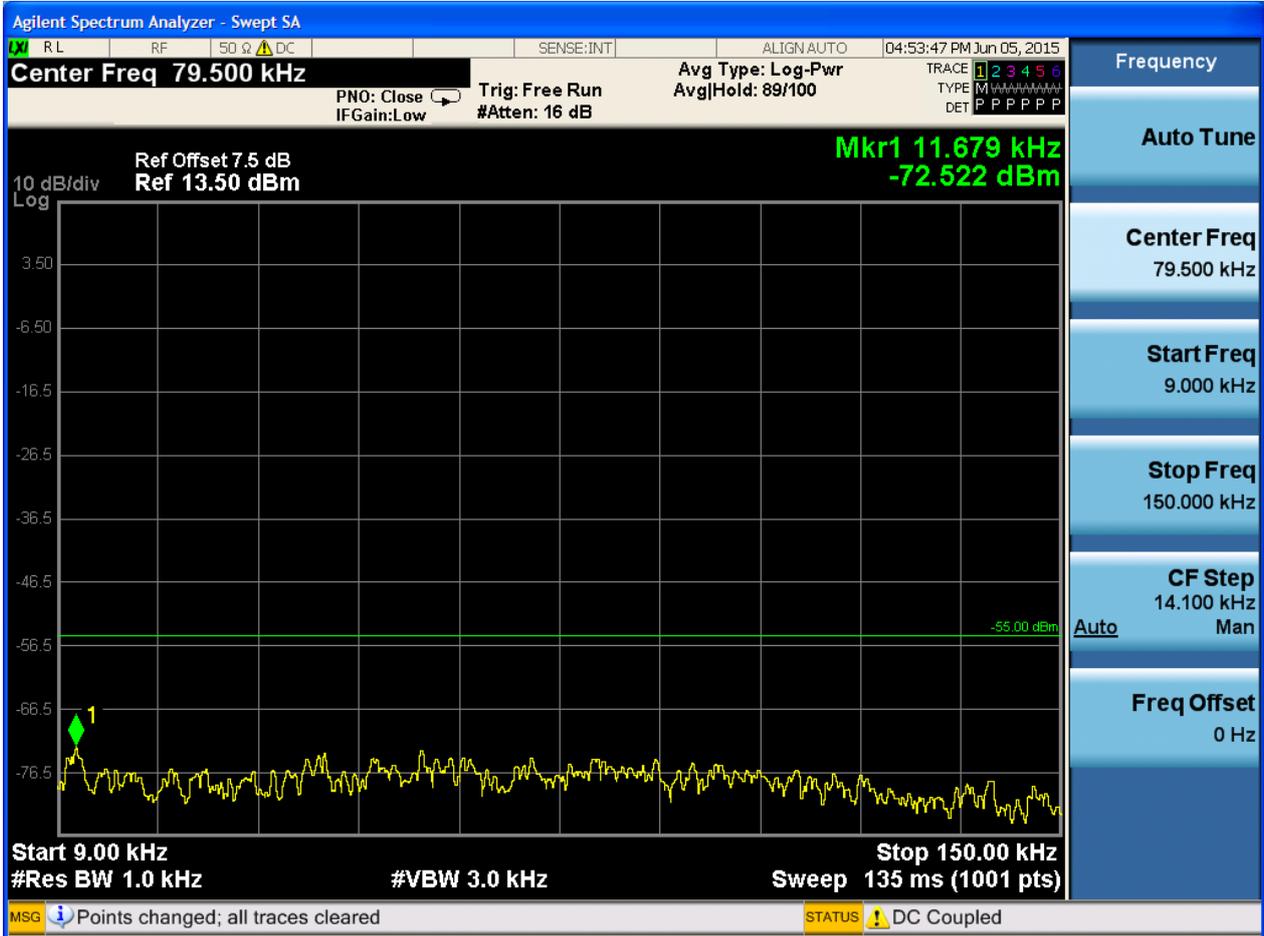


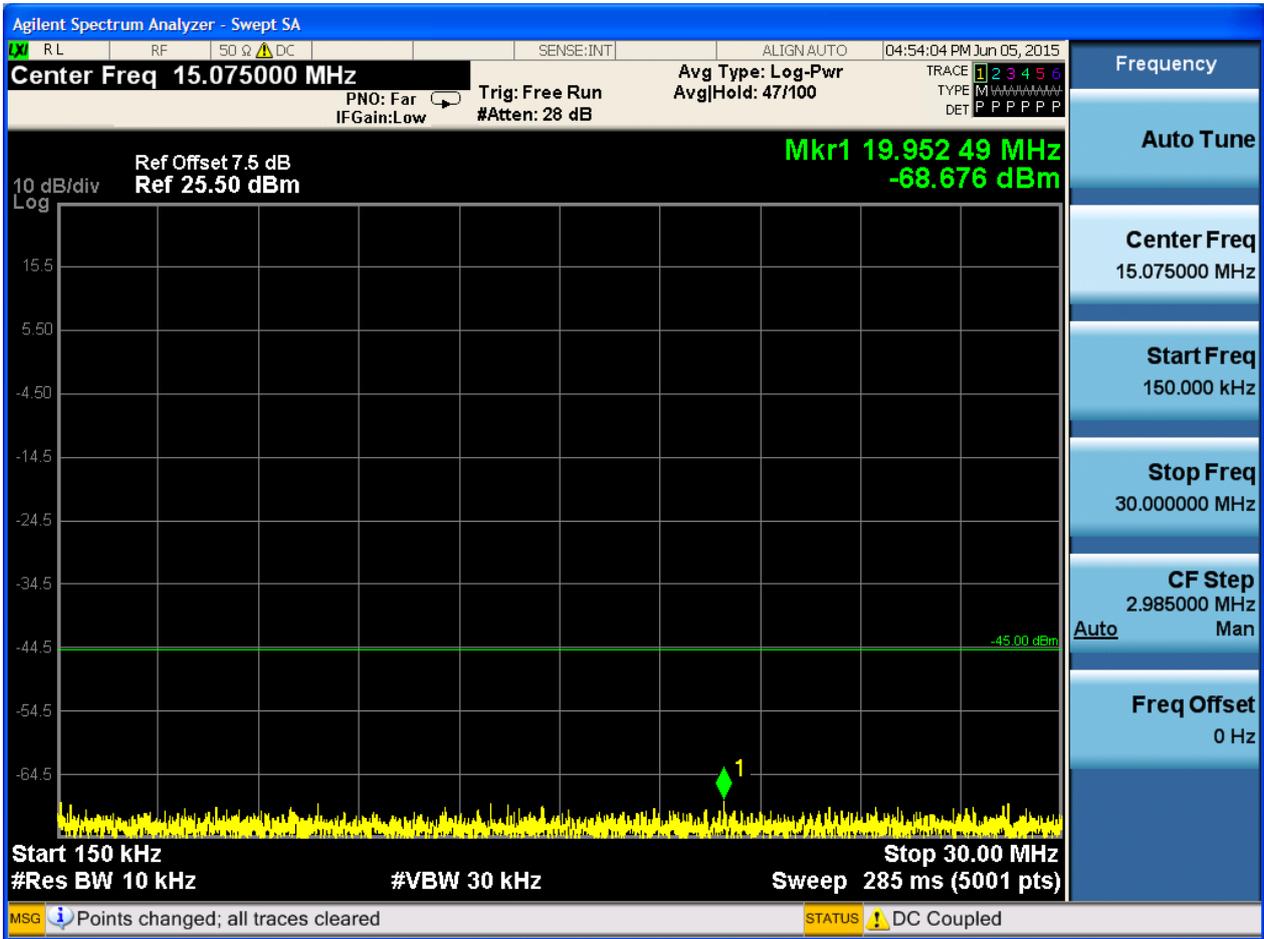




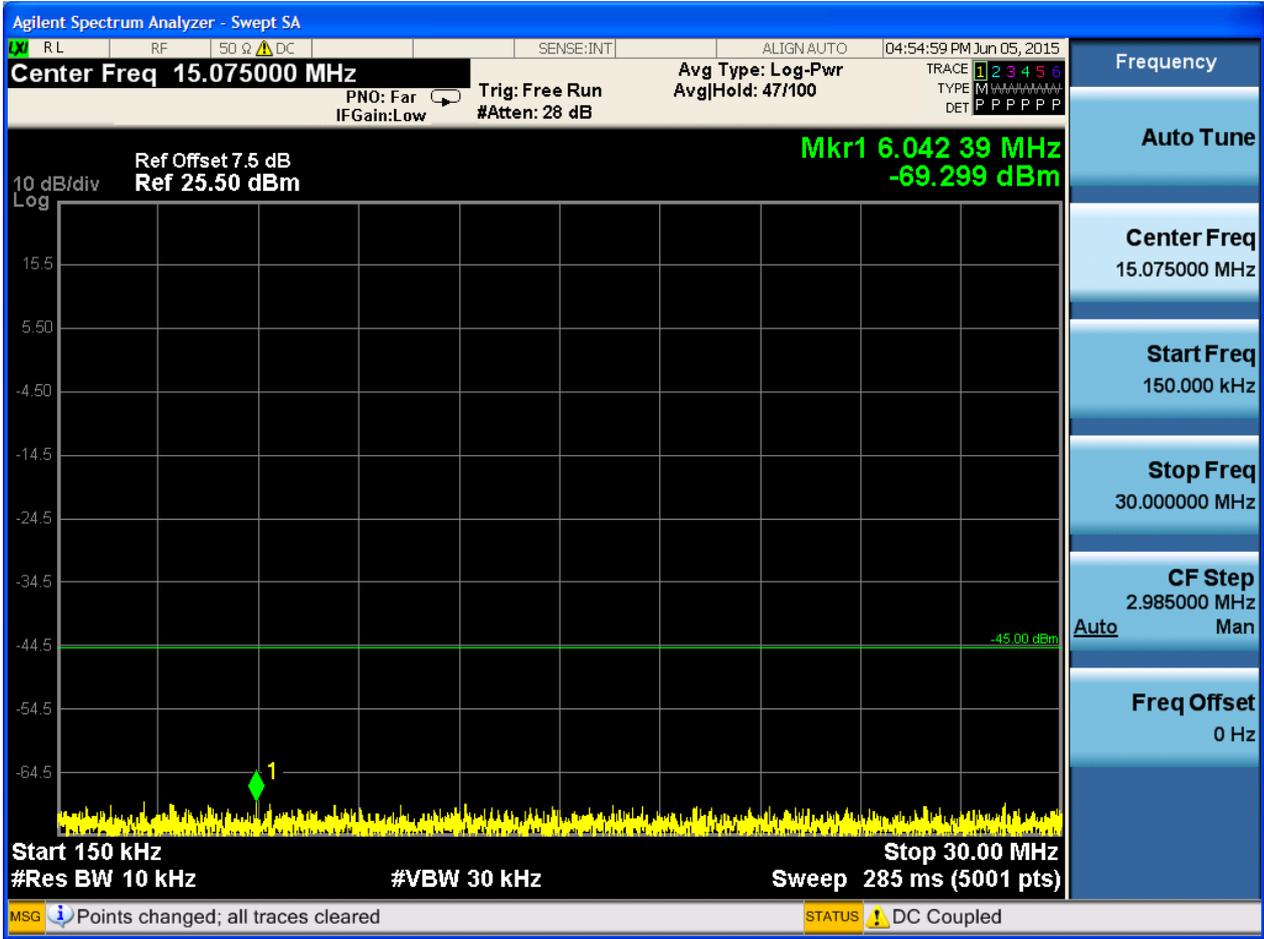
6.1.1.2.4.2 Test Channel = MCH

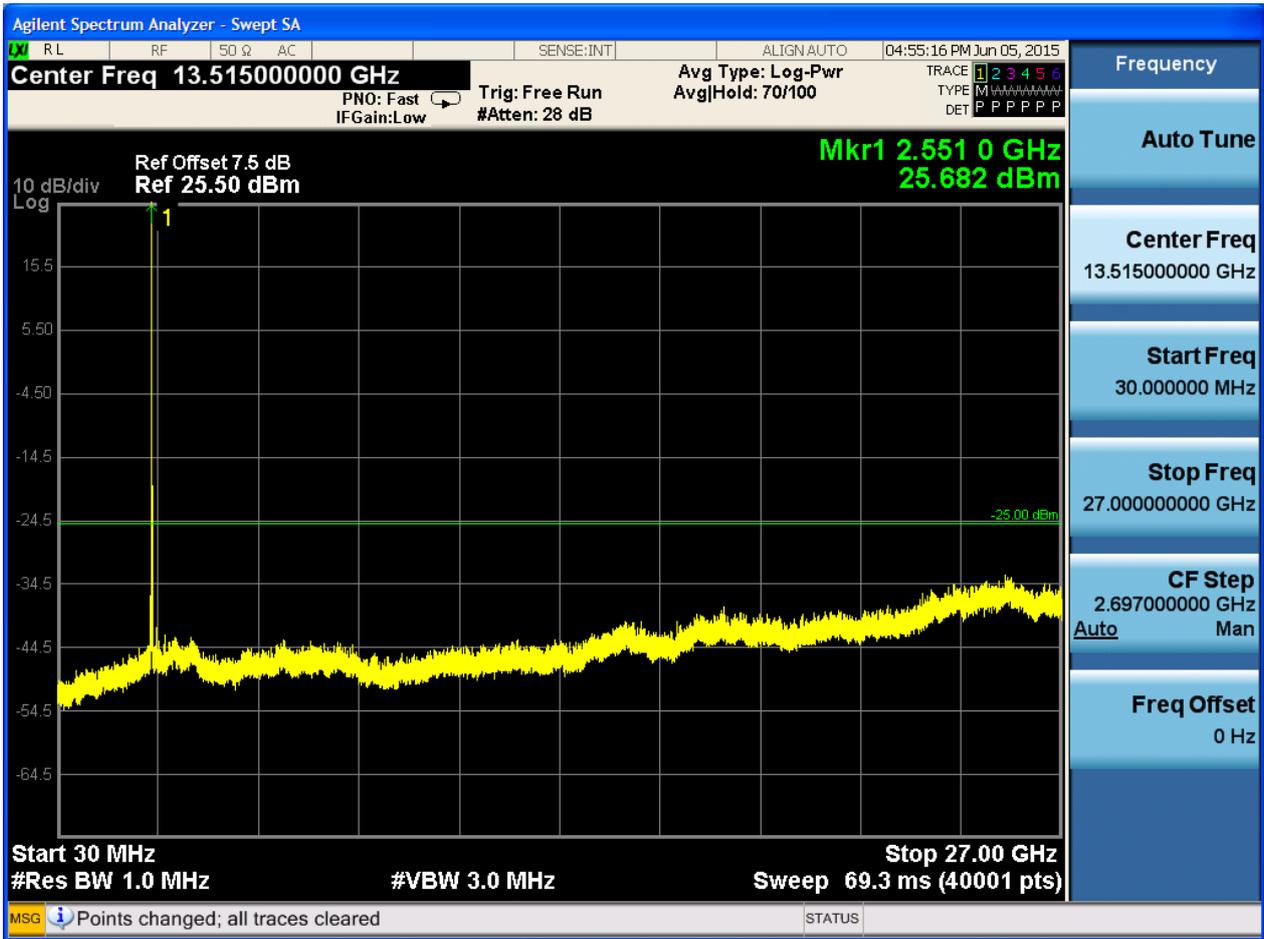
6.1.1.2.4.2.1 Test RB = RB1#0













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

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

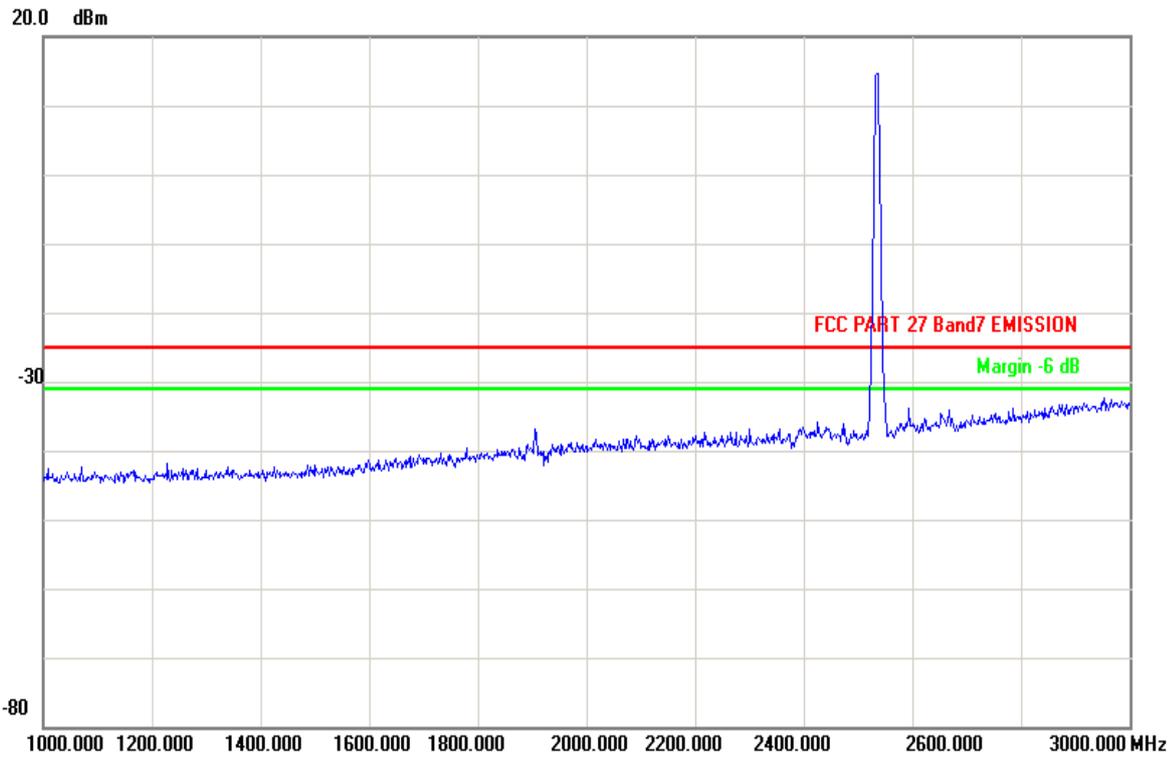
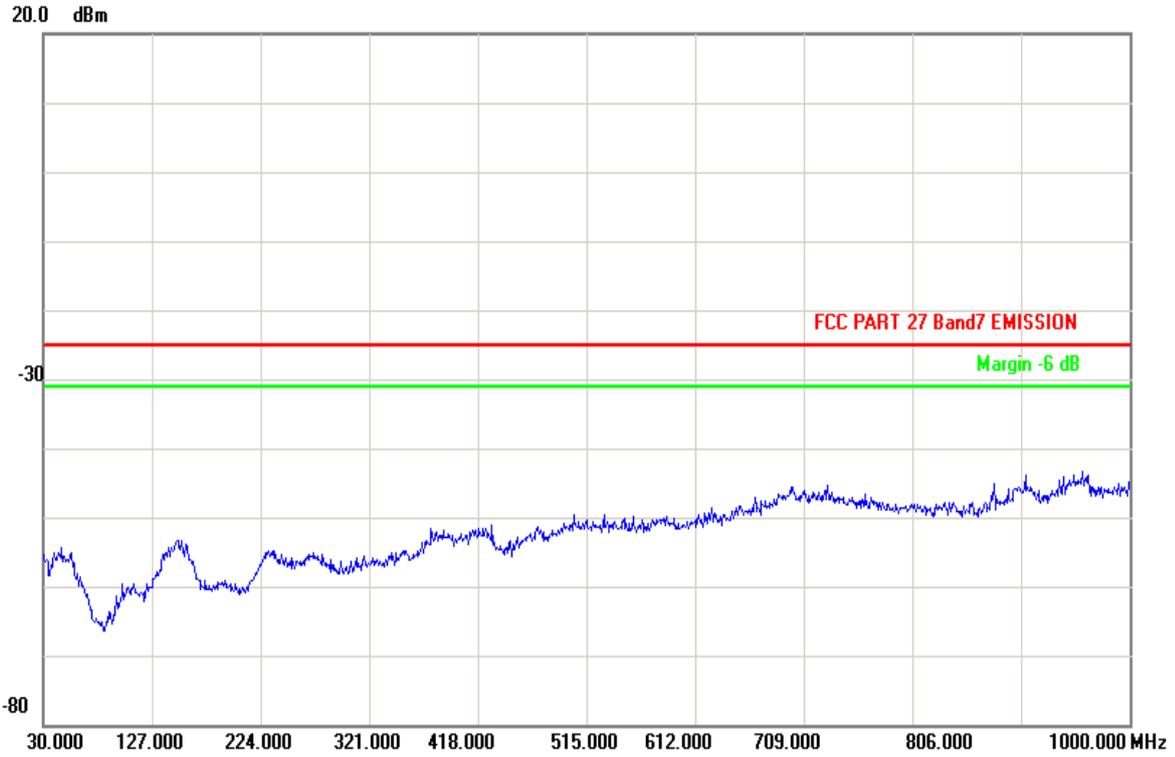
NOTE2: We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

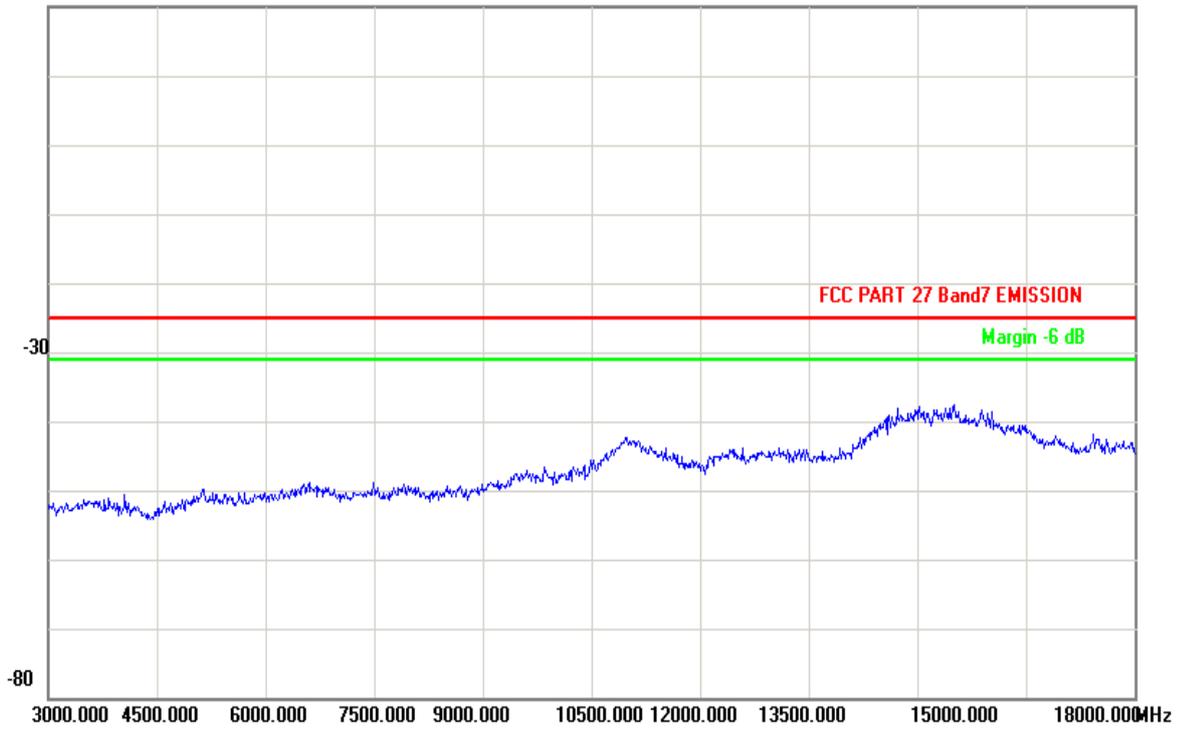
7.1 For LTE

7.1.1 Test Band = BAND7

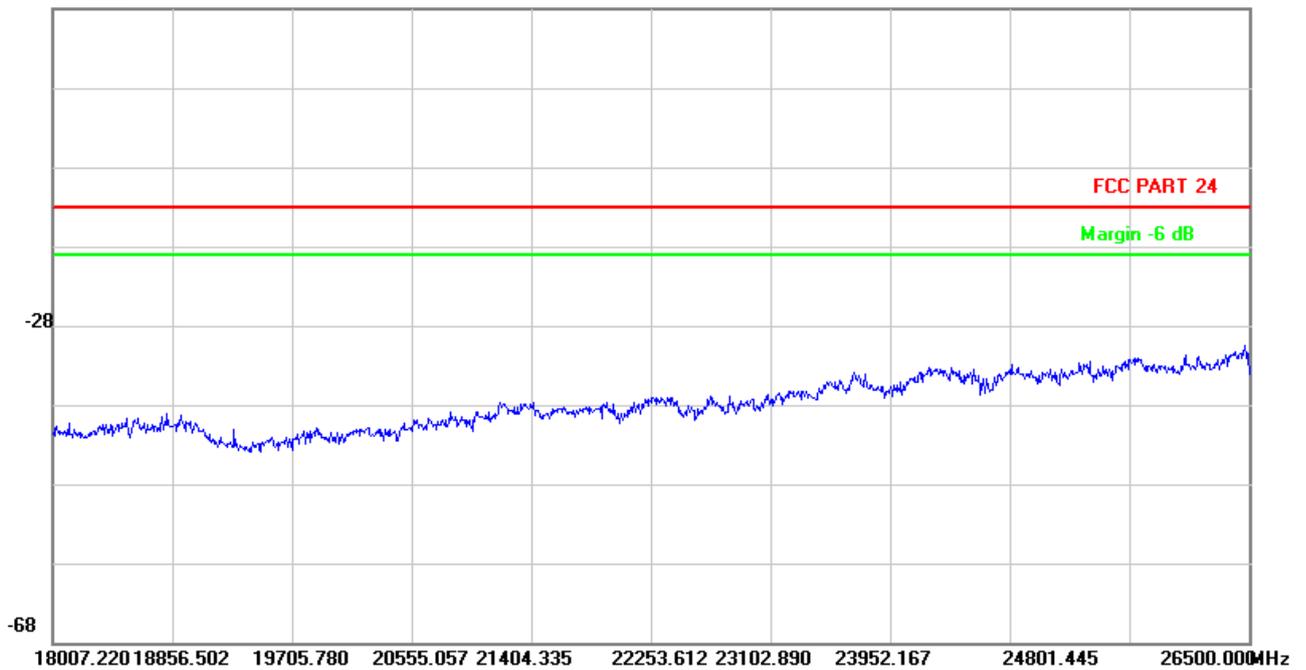
7.1.1.1 Test Bandwidth = 5



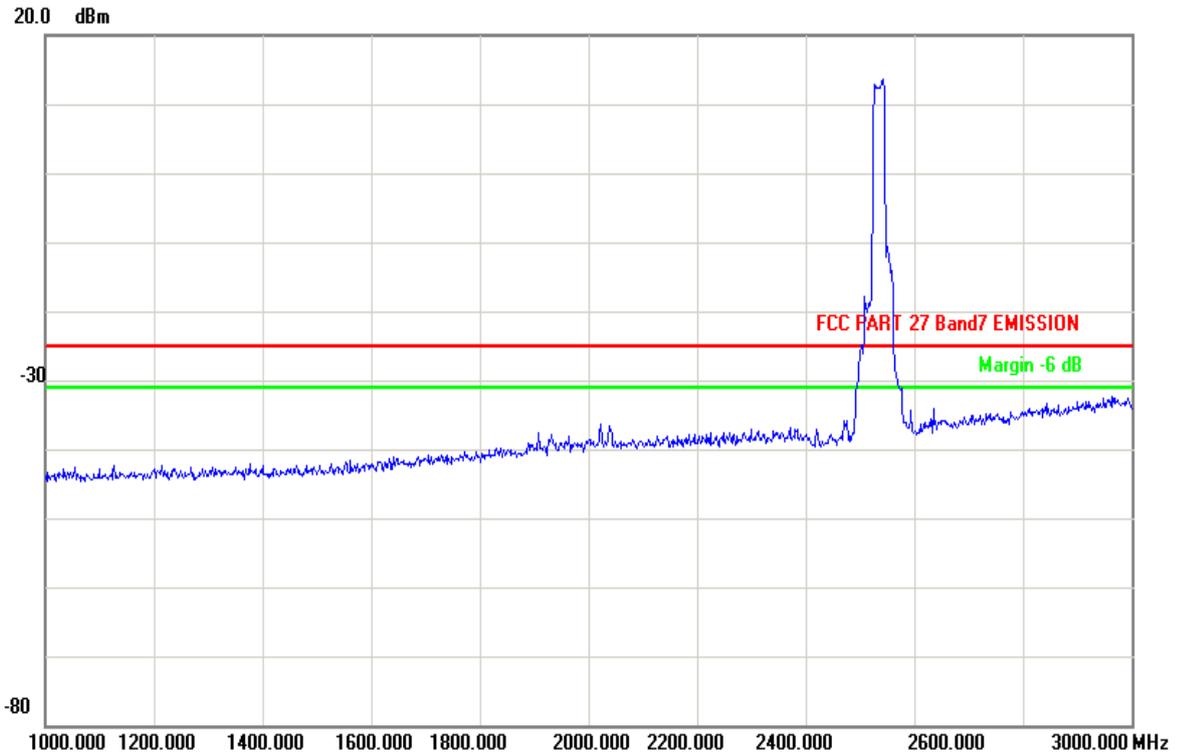
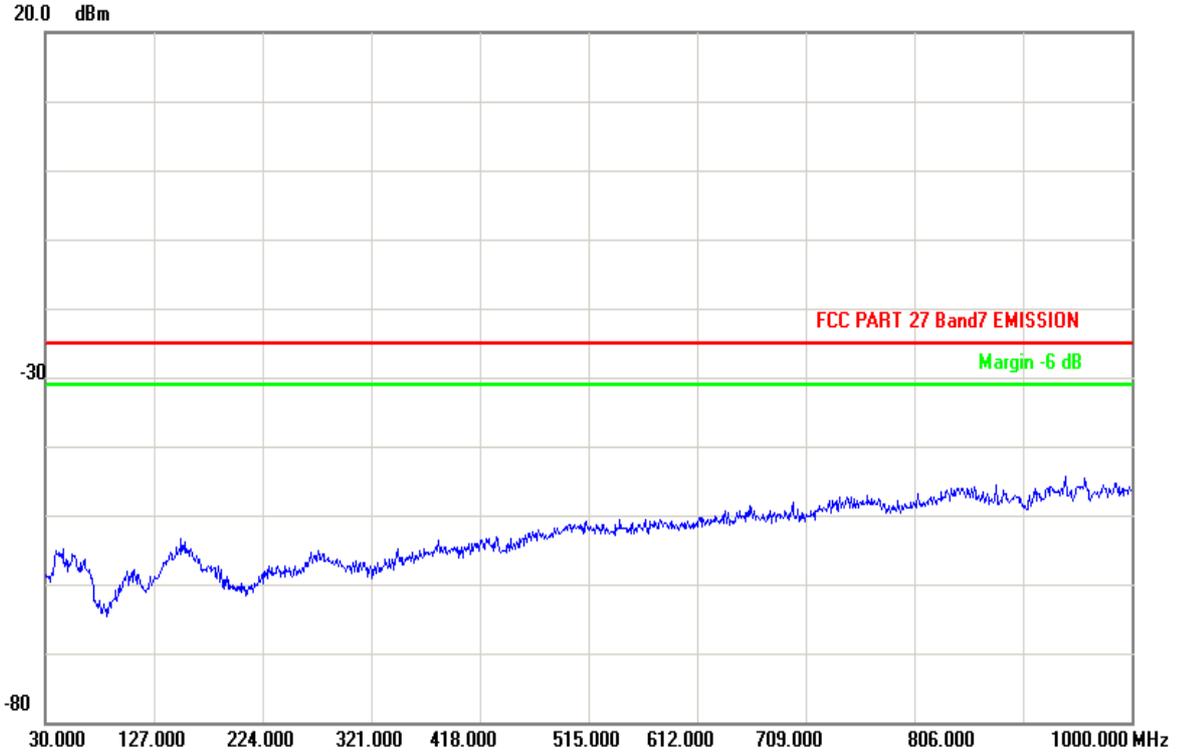
20.0 dBm

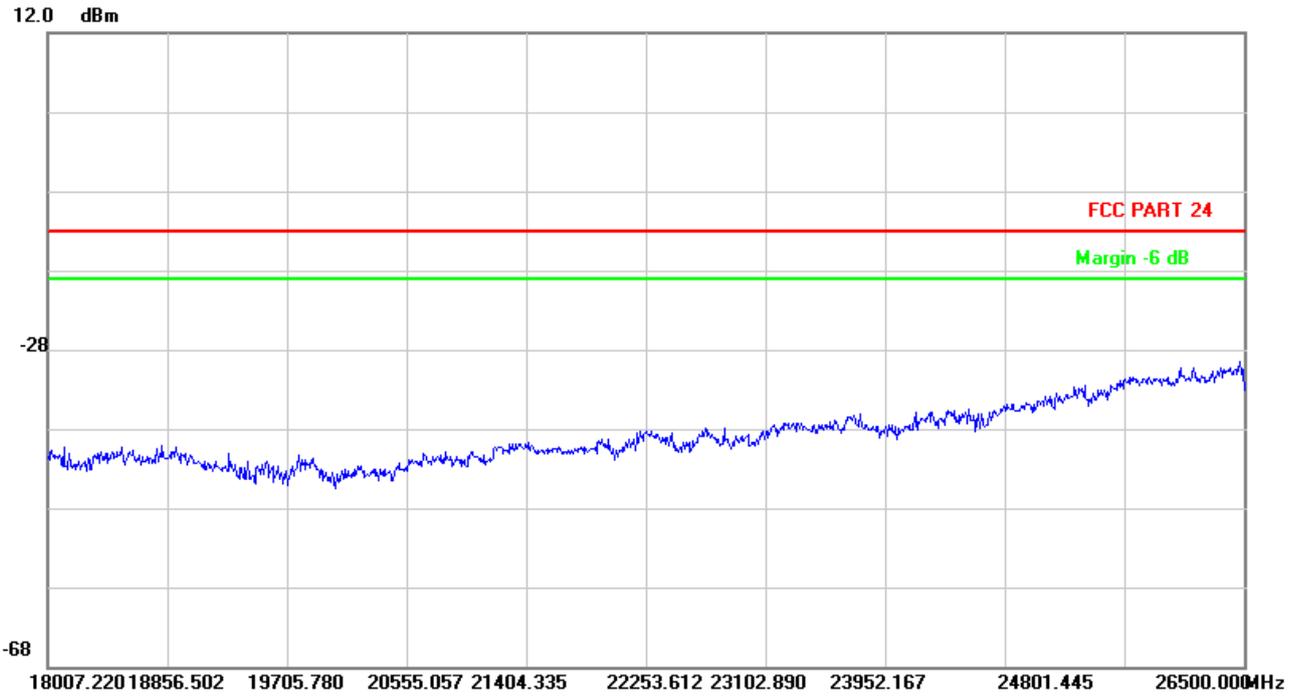
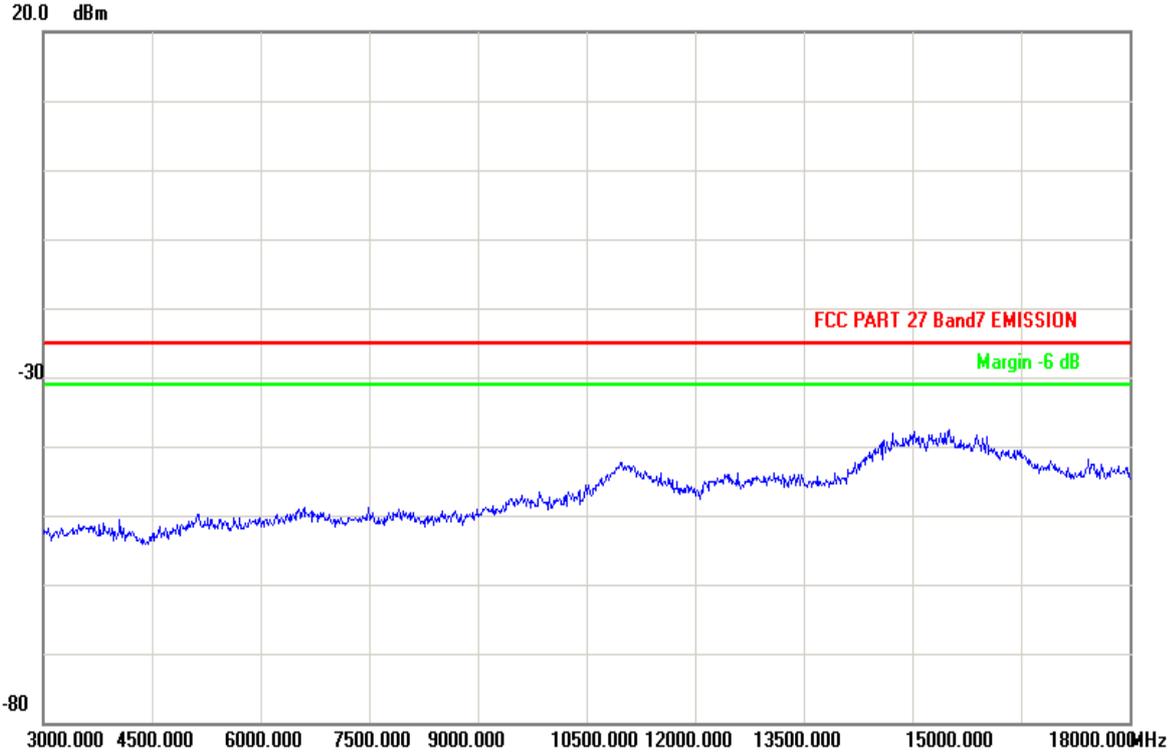


12.0 dBm



7.1.1.2 Test Bandwidth = 20





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
BAND7	LTE/TM1	5	LCH	TN	VL	-6.41	-0.00256	PASS
					VN	-8.04	-0.00321	PASS
					VH	-8.11	-0.00324	PASS
			MCH	TN	VL	-3.55	-0.0014	PASS
					VN	-3.23	-0.00127	PASS
					VH	-4.16	-0.00164	PASS
			HCH	TN	VL	1.53	0.0006	PASS
					VN	1.29	0.0005	PASS
					VH	0.2	0.00008	PASS
		10	LCH	TN	VL	-8.74	-0.00349	PASS
					VN	-10.2	-0.00407	PASS
					VH	-8.61	-0.00344	PASS
			MCH	TN	VL	-1.36	-0.00054	PASS
					VN	-0.53	-0.00021	PASS
					VH	-1.72	-0.00068	PASS
			HCH	TN	VL	8.38	0.00327	PASS
					VN	8.31	0.00324	PASS
					VH	7.84	0.00306	PASS
		15	LCH	TN	VL	5.95	0.00237	PASS
					VN	5.48	0.00219	PASS
					VH	2.02	0.00081	PASS
			MCH	TN	VL	-2.62	-0.00103	PASS
					VN	-3.53	-0.00139	PASS
					VH	-2.73	-0.00108	PASS
HCH	TN		VL	1.67	0.00065	PASS		
			VN	1.97	0.00077	PASS		
			VH	0.17	0.00007	PASS		
20	LCH	TN	VL	2.25	0.0009	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	4.42	0.00176	PASS		
					VH	3.15	0.00125	PASS		
					MCH	TN	VL	-2.6	-0.00103	PASS
							VN	-3.15	-0.00124	PASS
					VH	-3.23	-0.00127	PASS		
					HCH	TN	VL	-12.26	-0.00479	PASS
			VN	-11.47			-0.00448	PASS		
			VH	-9.56			-0.00373	PASS		
			LTE/TM2	5	LCH	TN	VL	-3.76	-0.0015	PASS
							VN	-5.81	-0.00232	PASS
							VH	-3.39	-0.00135	PASS
							MCH	TN	VL	-1.7
	VN	-3.99							-0.00157	PASS
	VH	-4.94					-0.00195	PASS		
	HCH	TN			VL	3.15	0.00123	PASS		
					VN	-0.94	-0.00037	PASS		
					VH	-0.11	-0.00004	PASS		
	10	LCH			TN	VL	-9.63	-0.00384	PASS	
						VN	-10.83	-0.00432	PASS	
						VH	-9.71	-0.00388	PASS	
		MCH			TN	VL	-2.88	-0.00114	PASS	
						VN	-2.72	-0.00107	PASS	
						VH	-3.36	-0.00133	PASS	
	HCH	TN			VL	-0.11	-0.00004	PASS		
					VN	-2.37	-0.00092	PASS		
					VH	0.04	0.00002	PASS		
	15	LCH		TN	VL	5.29	0.00211	PASS		
					VN	5.04	0.00201	PASS		
					VH	1.07	0.00043	PASS		
		MCH		TN	VL	-2.5	-0.00099	PASS		
					VN	-3.18	-0.00125	PASS		
					VH	-3.99	-0.00157	PASS		
		HCH	TN	VL	0.9	0.00035	PASS			
				VN	4.26	0.00166	PASS			
				VH	2.79	0.00109	PASS			
	20	LCH	TN	VL	2.57	0.00102	PASS			
				VN	2.4	0.00096	PASS			
				VH	2.78	0.00111	PASS			
	MCH	TN	VL	-3.89	-0.00153	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-4.08	-0.00161	PASS
					VH	-4.52	-0.00178	PASS
			HCH	TN	VL	-25.18	-0.00984	PASS
					VN	-23.49	-0.00918	PASS
					VH	-22.19	-0.00867	PASS

8.1.2 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	-2.53	-0.00101	PASS			
					-20	-2.2	-0.00088	PASS			
					-10	-3.93	-0.00157	PASS			
					0	-0.23	-0.00009	PASS			
					10	0.41	0.00016	PASS			
					20	-1.86	-0.00074	PASS			
					30	-4.08	-0.00163	PASS			
					40	-4.05	-0.00162	PASS			
			MCH	VN	50	-4.79	-0.00191	PASS			
					-30	-4.33	-0.00171	PASS			
					-20	-1.22	-0.00048	PASS			
					-10	-3.29	-0.0013	PASS			
					0	-3.43	-0.00135	PASS			
					10	-4.23	-0.00167	PASS			
					20	-4.08	-0.00161	PASS			
					30	-3.92	-0.00155	PASS			
			HCH	VN	40	-5.71	-0.00225	PASS			
					50	-4.98	-0.00196	PASS			
					-30	4.29	0.00167	PASS			
					-20	2.5	0.00097	PASS			
					-10	3.89	0.00152	PASS			
					0	2.68	0.00104	PASS			
					10	6.04	0.00235	PASS			
					20	3.28	0.00128	PASS			
			LCH	VN	30	0.92	0.00036	PASS			
					40	0.09	0.00004	PASS			
					10	LCH	VN	50	1.56	0.00061	PASS
					10	LCH	VN	-30	-4.39	-0.00175	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	-0.89	-0.00036	PASS	
					-10	-0.87	-0.00035	PASS	
					0	-1.97	-0.00079	PASS	
					10	0.77	0.00031	PASS	
					20	-3.16	-0.00126	PASS	
					30	-3.56	-0.00142	PASS	
					40	-3.16	-0.00126	PASS	
					50	-4.15	-0.00166	PASS	
			MCH	VN	-30	0.21	0.00008	PASS	
					-20	0.34	0.00013	PASS	
					-10	-2.09	-0.00082	PASS	
					0	-0.57	-0.00022	PASS	
					10	-1.62	-0.00064	PASS	
					20	0.26	0.0001	PASS	
					30	-1.4	-0.00055	PASS	
					40	1.16	0.00046	PASS	
			HCH	VN	-30	4.12	0.00161	PASS	
					-20	5.65	0.0022	PASS	
					-10	3.18	0.00124	PASS	
					0	1.66	0.00065	PASS	
					10	5.11	0.00199	PASS	
					20	3.89	0.00152	PASS	
					30	5.46	0.00213	PASS	
					40	4.12	0.00161	PASS	
			15	LCH	VN	-30	4.62	0.00184	PASS
						-20	3.78	0.00151	PASS
						-10	6.52	0.0026	PASS
						0	5.69	0.00227	PASS
		10				4.94	0.00197	PASS	
		20				6.61	0.00264	PASS	
		30				5.69	0.00227	PASS	
		40				6.34	0.00253	PASS	
		50		6.49	0.00259	PASS			
		MCH		VN	-30	-3.56	-0.0014	PASS	
					-20	-5.42	-0.00214	PASS	
					-10	-2.06	-0.00081	PASS	
			0		-4.41	-0.00174	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.47	-0.00097	PASS
					20	-2.3	-0.00091	PASS
					30	-3.22	-0.00127	PASS
					40	-5.58	-0.0022	PASS
					50	-3.62	-0.00143	PASS
			HCH	VN	-30	3.91	0.00153	PASS
					-20	3.93	0.00153	PASS
					-10	4.18	0.00163	PASS
					0	2.93	0.00114	PASS
					10	1.95	0.00076	PASS
					20	3.36	0.00131	PASS
					30	3.63	0.00142	PASS
					40	2.89	0.00113	PASS
					50	2.65	0.00103	PASS
					LCH	VN	-30	3.12
			-20	1.57			0.00063	PASS
			-10	2.66			0.00106	PASS
			0	2.13			0.00085	PASS
			10	3.65			0.00145	PASS
			20	1.96			0.00078	PASS
		30	1.9	0.00076			PASS	
		40	0.57	0.00023			PASS	
		50	0.67	0.00027			PASS	
		MCH	VN	-30			-2.72	-0.00107
				-20	-1.44	-0.00057	PASS	
				-10	-2.8	-0.0011	PASS	
				0	-1.07	-0.00042	PASS	
				10	-1.67	-0.00066	PASS	
				20	-1.17	-0.00046	PASS	
				30	-3.2	-0.00126	PASS	
				40	-2.55	-0.00101	PASS	
		HCH	VN	50	-0.72	-0.00028	PASS	
				-30	-24.1	-0.00941	PASS	
				-20	-22.46	-0.00877	PASS	
				-10	-21.36	-0.00834	PASS	
				0	-24.18	-0.00945	PASS	
				10	-22.36	-0.00873	PASS	
				20	-21.76	-0.0085	PASS	
		30	-23.56	-0.0092	PASS			
				20				



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	40	-22.33	-0.00872	PASS
					50	-23.3	-0.0091	PASS
					-30	-6.59	-0.00263	PASS
					-20	-5.01	-0.002	PASS
					-10	-6.12	-0.00245	PASS
					0	-7.78	-0.00311	PASS
					10	-9.11	-0.00364	PASS
					20	-2.8	-0.00112	PASS
					30	-3.5	-0.0014	PASS
					40	-7.57	-0.00302	PASS
			50	-4.51	-0.0018	PASS		
			MCH	VN	-30	-3.03	-0.0012	PASS
					-20	-2.52	-0.00099	PASS
					-10	-3.79	-0.0015	PASS
					0	-2.62	-0.00103	PASS
					10	-1.95	-0.00077	PASS
					20	-1.56	-0.00062	PASS
					30	-2.47	-0.00097	PASS
					40	-2.68	-0.00106	PASS
					50	-2.02	-0.0008	PASS
		HCH			VN	-30	3.55	0.00138
			-20	3.18		0.00124	PASS	
			-10	5.92		0.00231	PASS	
			0	5.25		0.00204	PASS	
			10	3.28		0.00128	PASS	
			20	4.31		0.00168	PASS	
			30	2.2		0.00086	PASS	
			40	3.23		0.00126	PASS	
			50	2.46		0.00096	PASS	
			10	LCH		VN	-30	-1.06
		-20			-4.84		-0.00193	PASS
		-10			-3.78		-0.00151	PASS
		0			-3.93		-0.00157	PASS
		10			-3.09		-0.00123	PASS
		20			-0.84		-0.00034	PASS
		30			-2.19		-0.00087	PASS
		40			-3.43		-0.00137	PASS
		50			-2.27		-0.00091	PASS
		MCH			VN		-30	-2.4

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	2.29	0.00089	PASS			
					20	1.85	0.00072	PASS			
					30	3.36	0.00131	PASS			
					40	2.89	0.00113	PASS			
					50	1.6	0.00062	PASS			
					20	LCH	VN	-30	4.72	0.00188	PASS
								-20	4.29	0.00171	PASS
								-10	4.25	0.00169	PASS
								0	1.75	0.0007	PASS
								10	2.63	0.00105	PASS
		20	2.83	0.00113				PASS			
		30	2.62	0.00104				PASS			
		40	1.7	0.00068				PASS			
		50	4.03	0.00161				PASS			
		20	MCH	VN				-30	-3.59	-0.00142	PASS
					-20	-3.62	-0.00143	PASS			
					-10	-2.1	-0.00083	PASS			
					0	-3.93	-0.00155	PASS			
					10	-3.79	-0.0015	PASS			
					20	-4.35	-0.00172	PASS			
					30	-4.45	-0.00176	PASS			
					40	-2.45	-0.00097	PASS			
					50	-2.05	-0.00081	PASS			
					20	HCH	VN	-30	-20.83	-0.00814	PASS
		-20	-24.93	-0.00974				PASS			
		-10	-22.65	-0.00885				PASS			
		0	-23.03	-0.009				PASS			
		10	-23.5	-0.00918				PASS			
		20	-22	-0.00859				PASS			
		30	-21.84	-0.00853				PASS			
40	-23.36	-0.00912	PASS								
50	-23.29	-0.0091	PASS								

END