

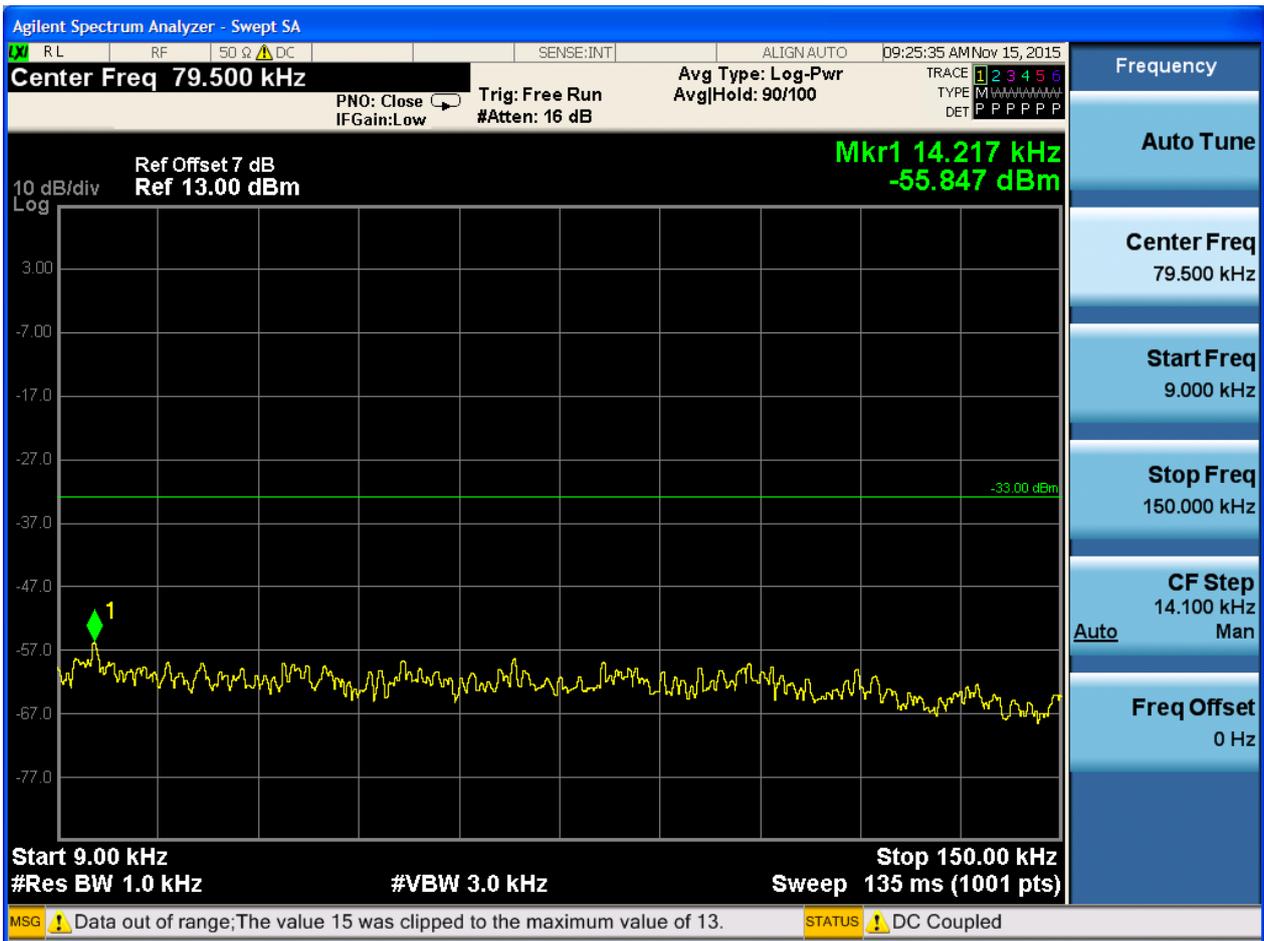


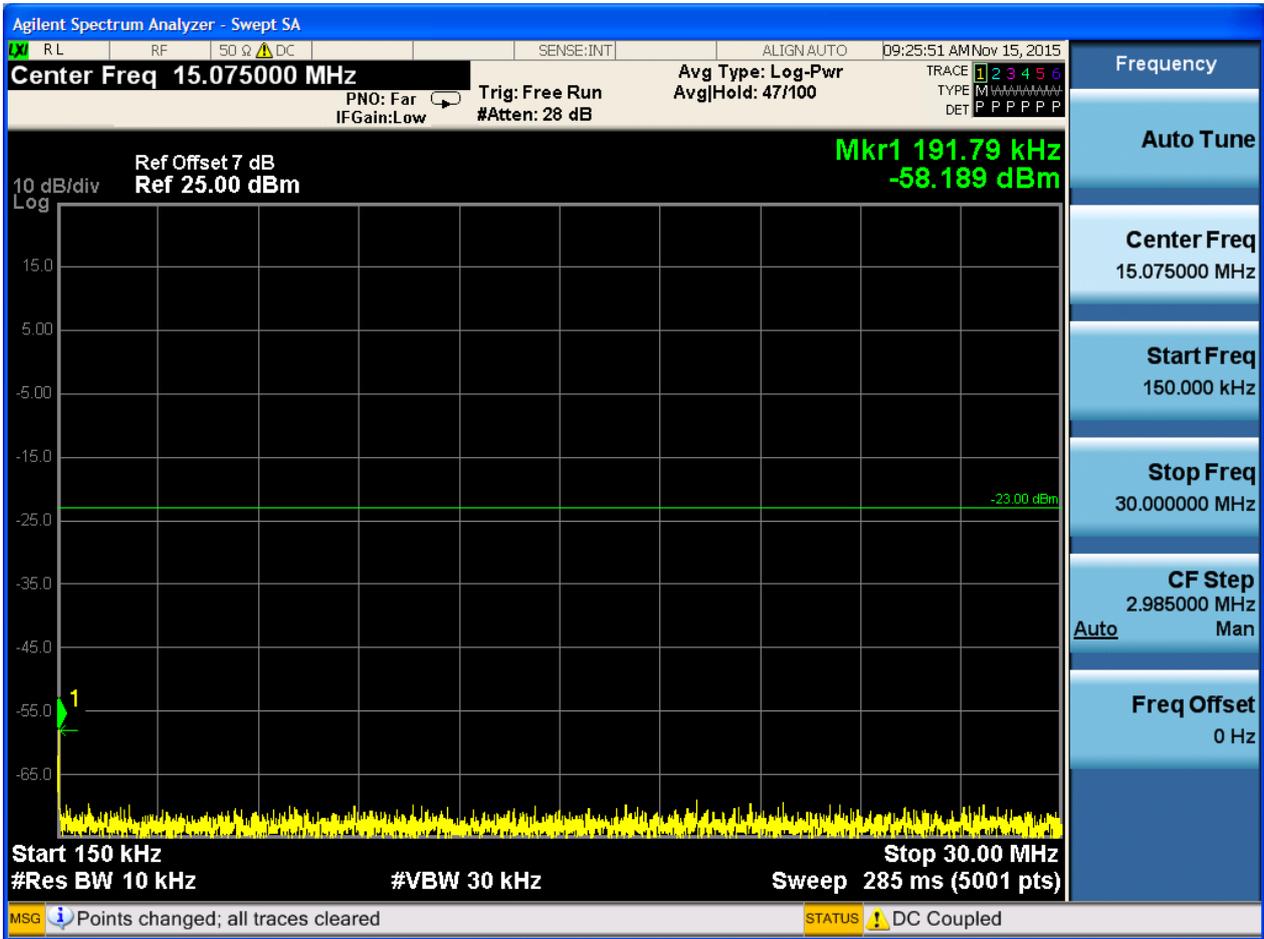
6.1.1.2 Test Mode = LTE/TM2

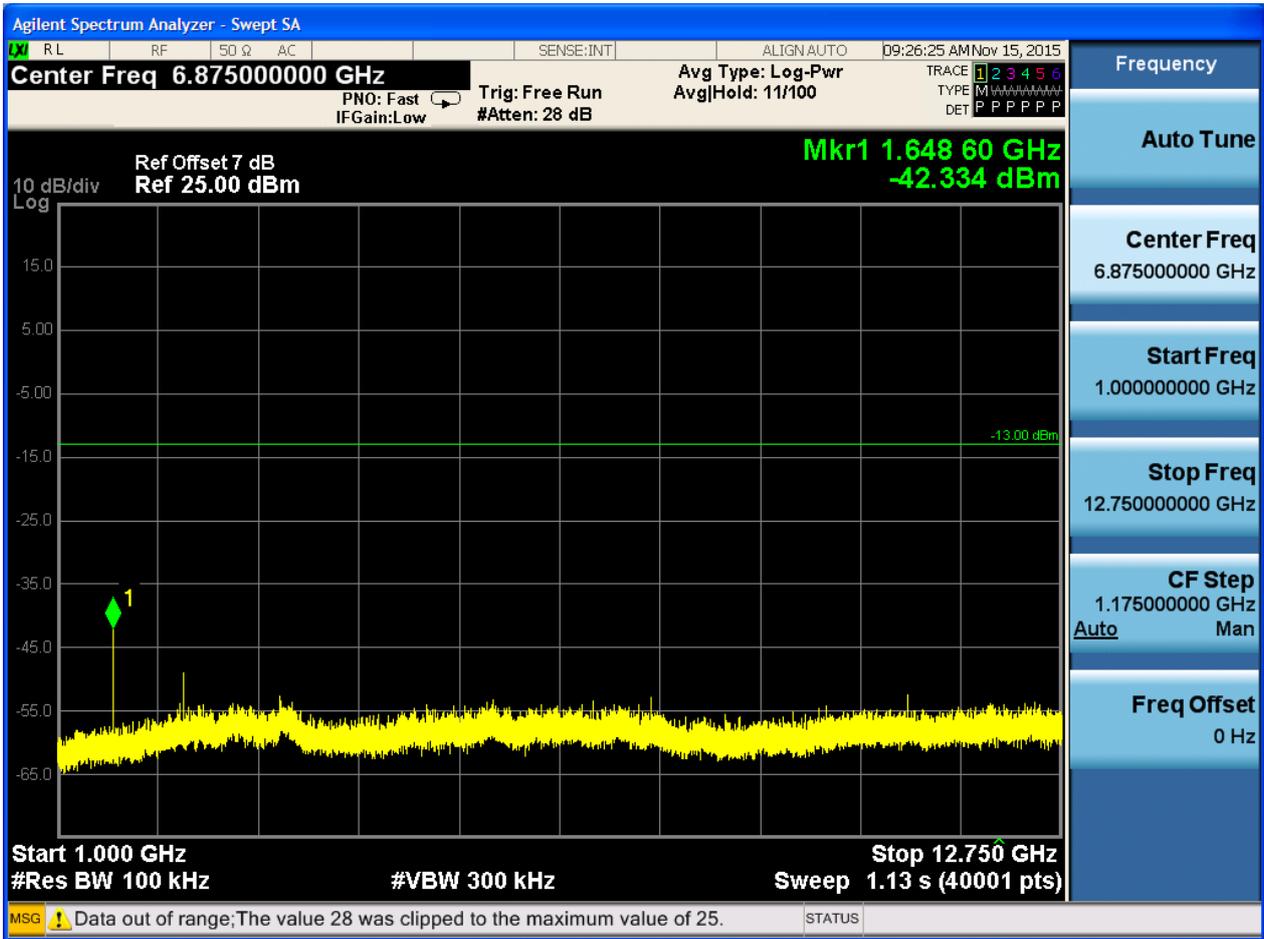
6.1.1.2.1 Test Bandwidth = 1.4

6.1.1.2.1.1 Test Channel = LCH

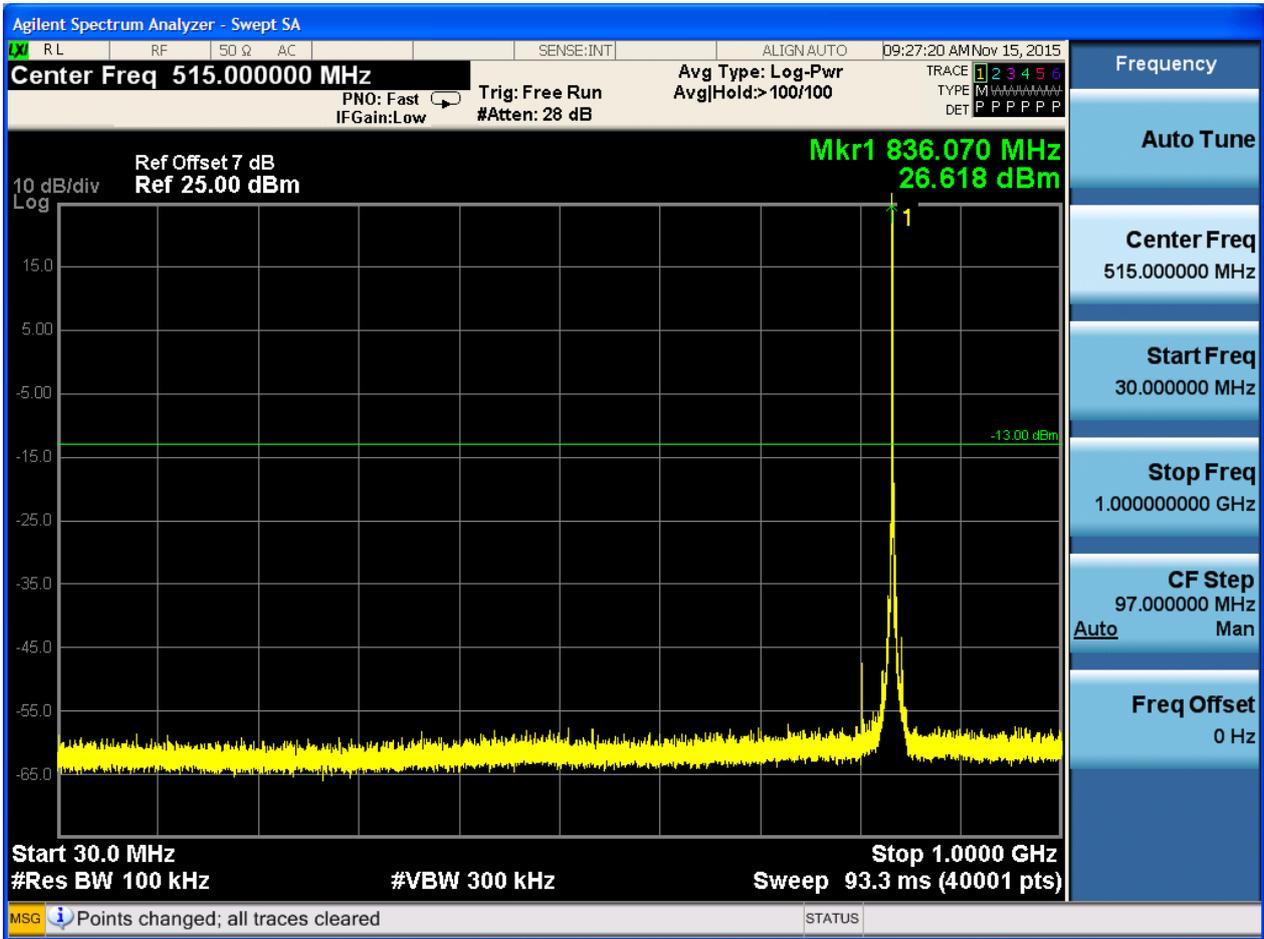
6.1.1.2.1.1.1 Test RB = RB1#0

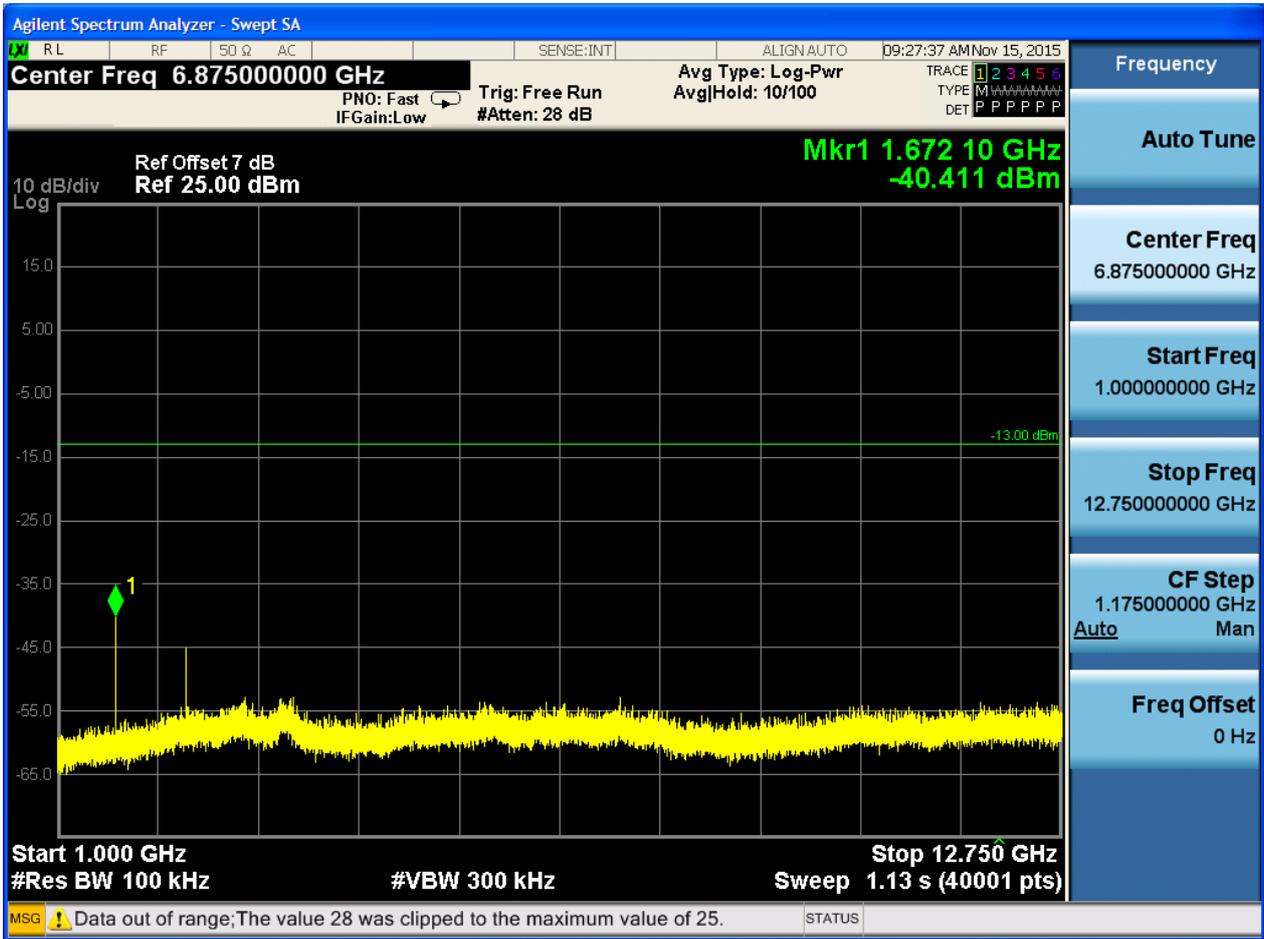




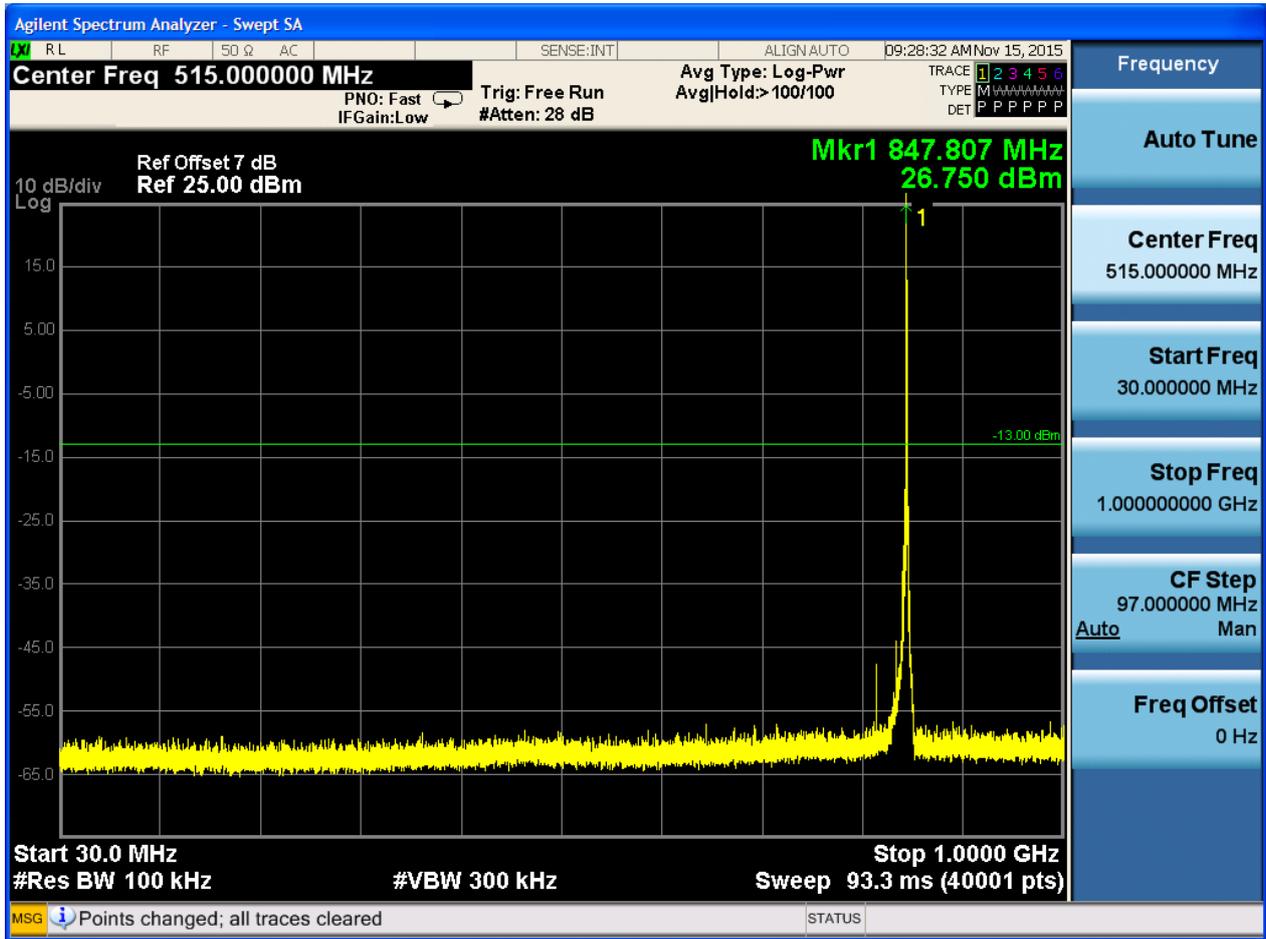


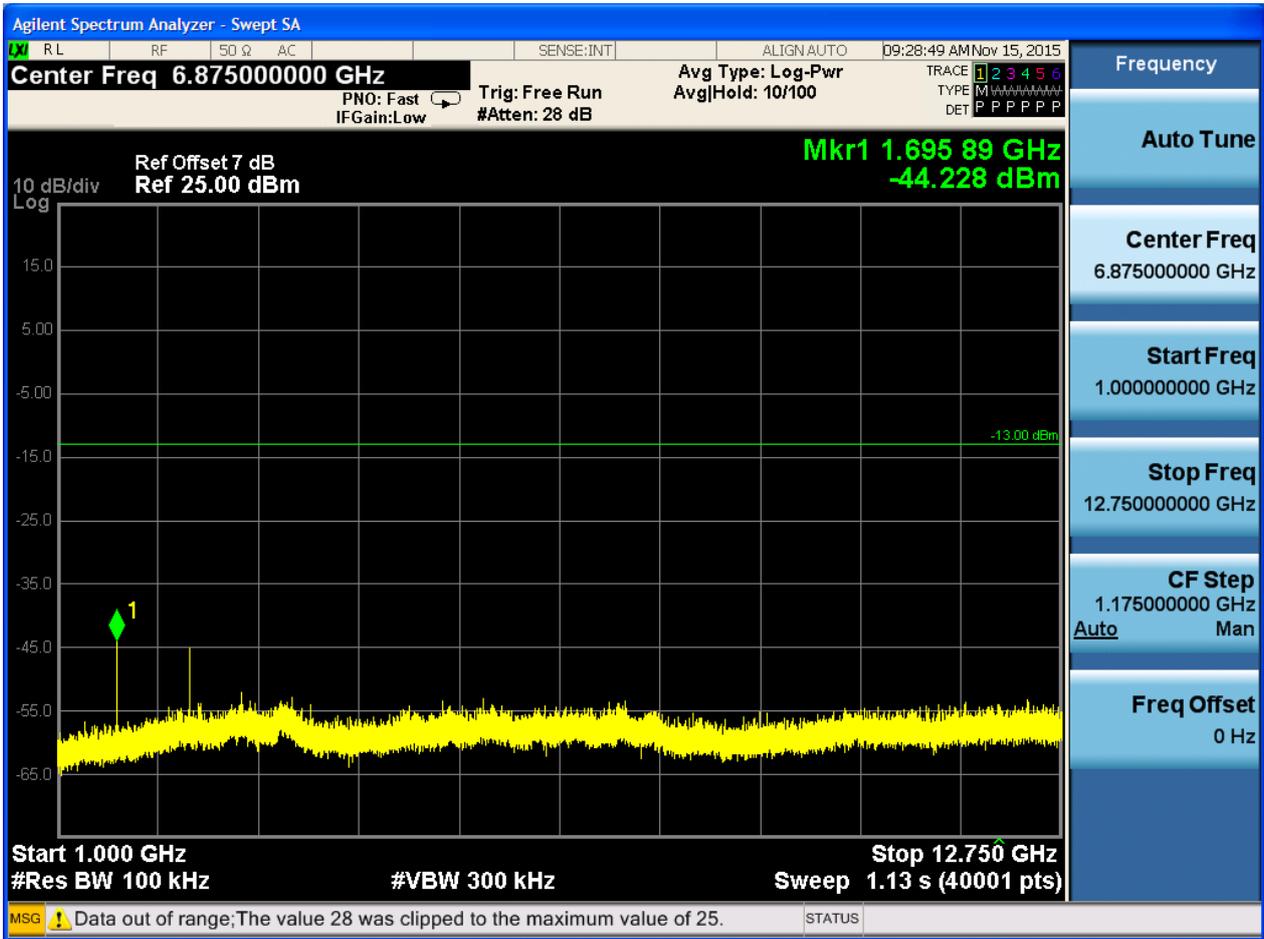










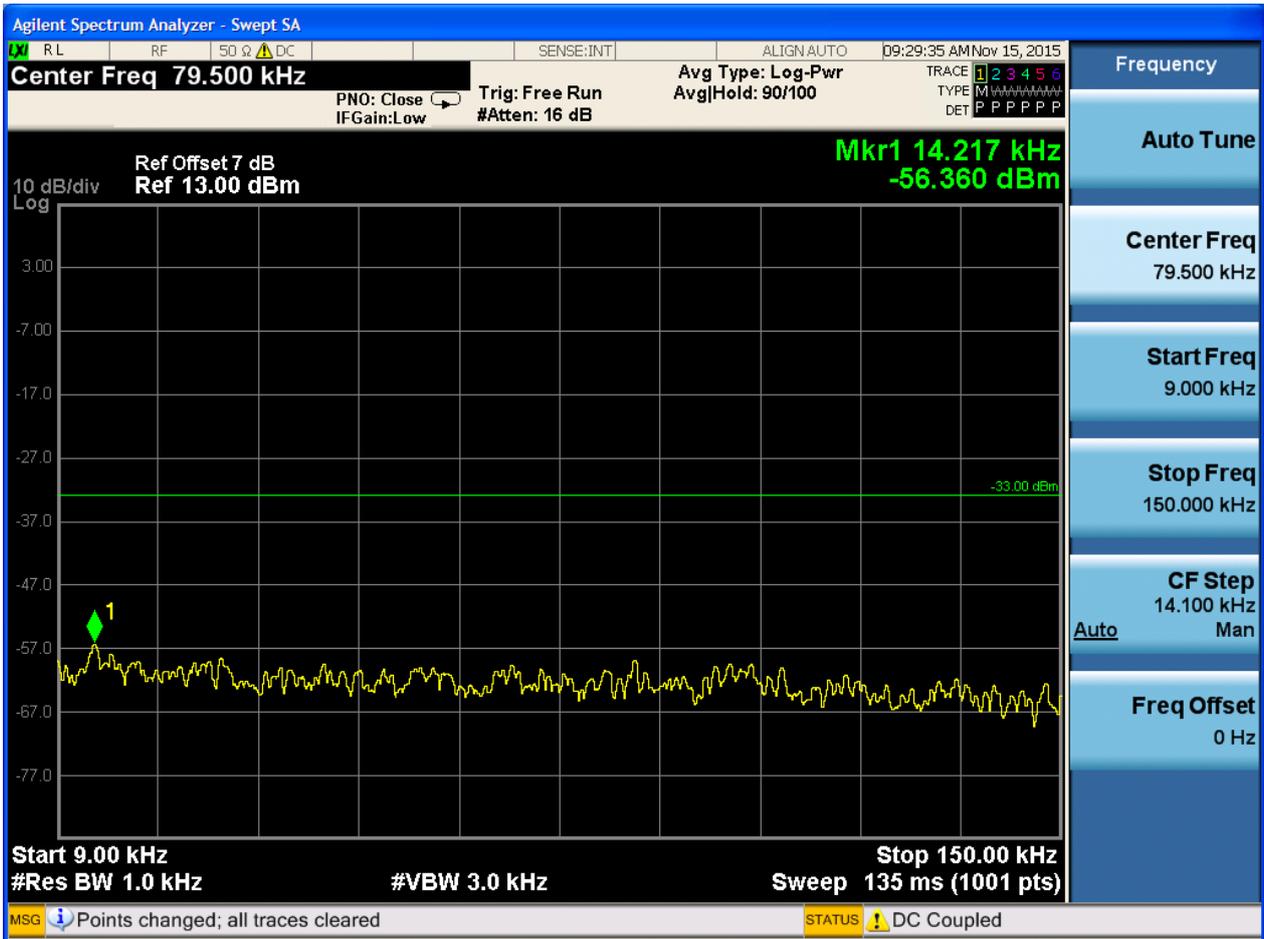




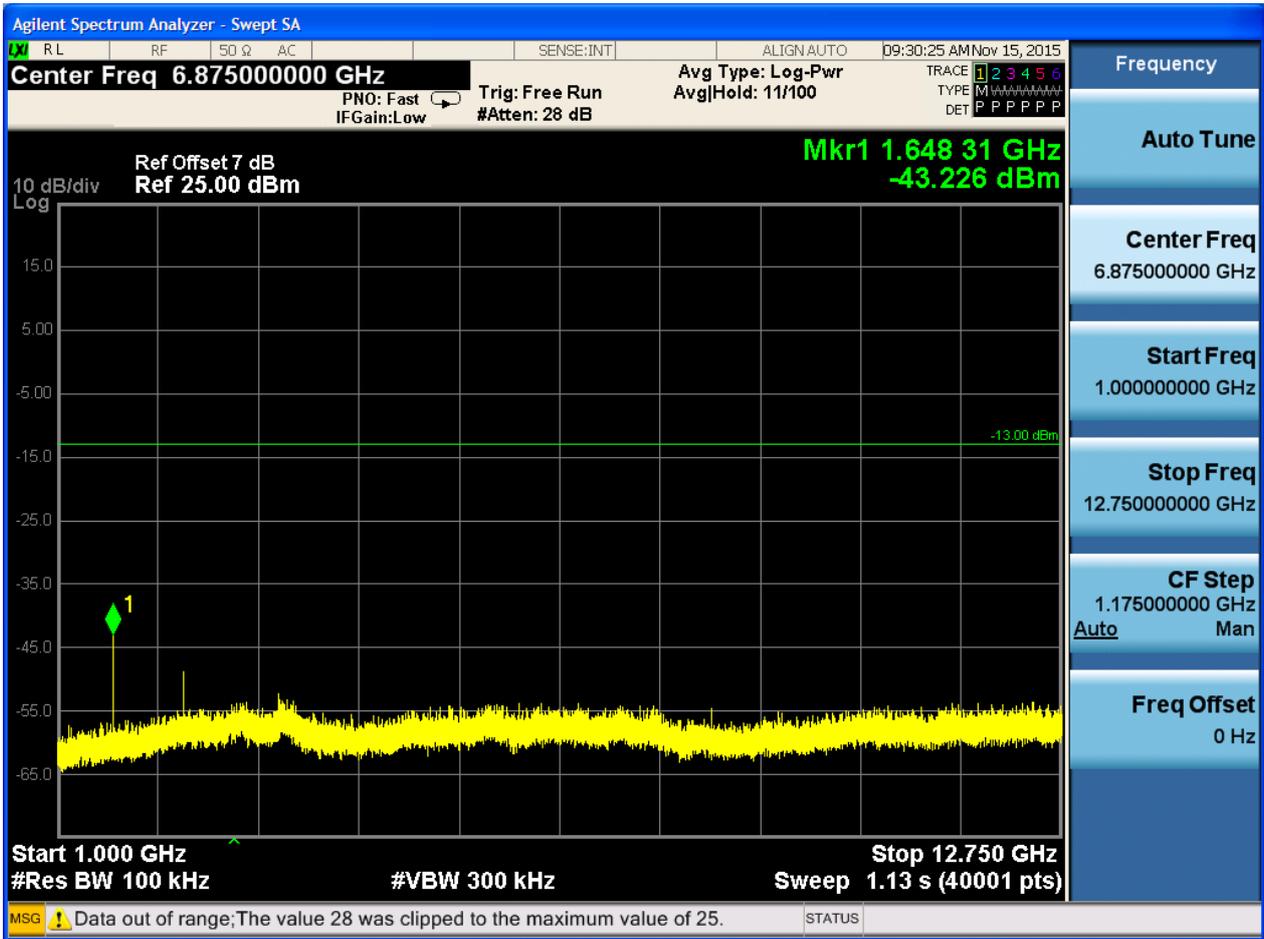
6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

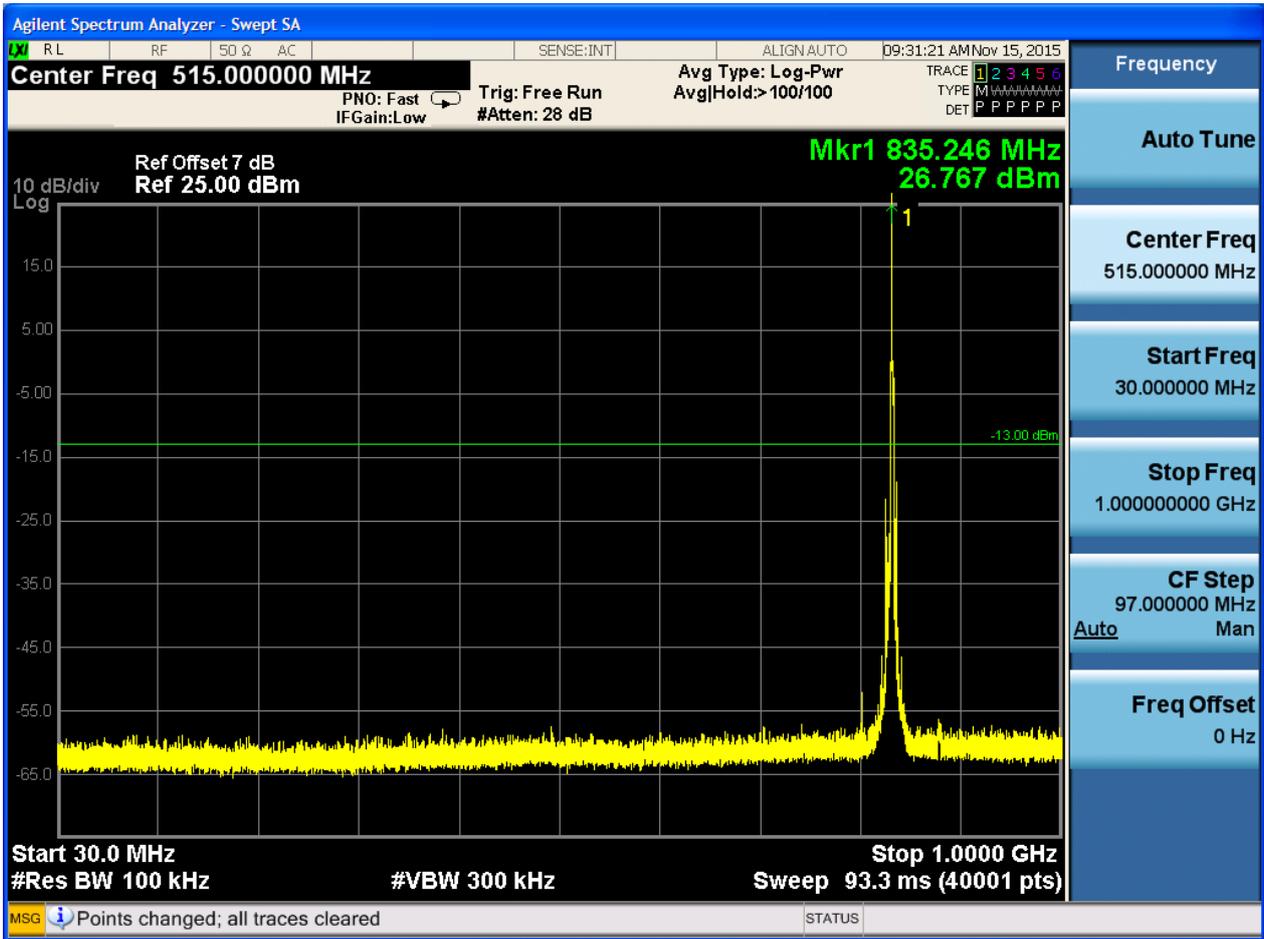
6.1.1.2.2.1.1 Test RB = RB1#0

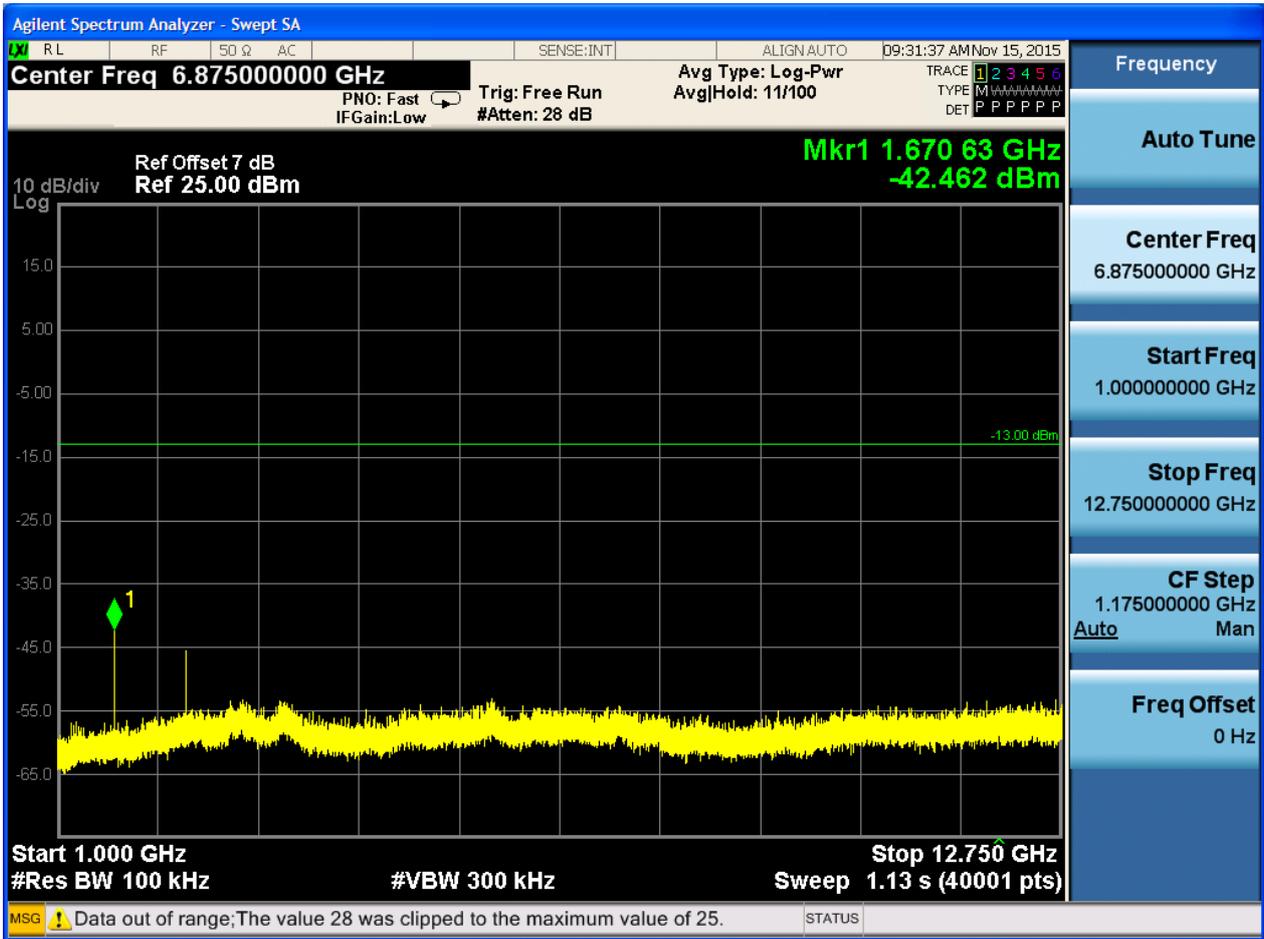








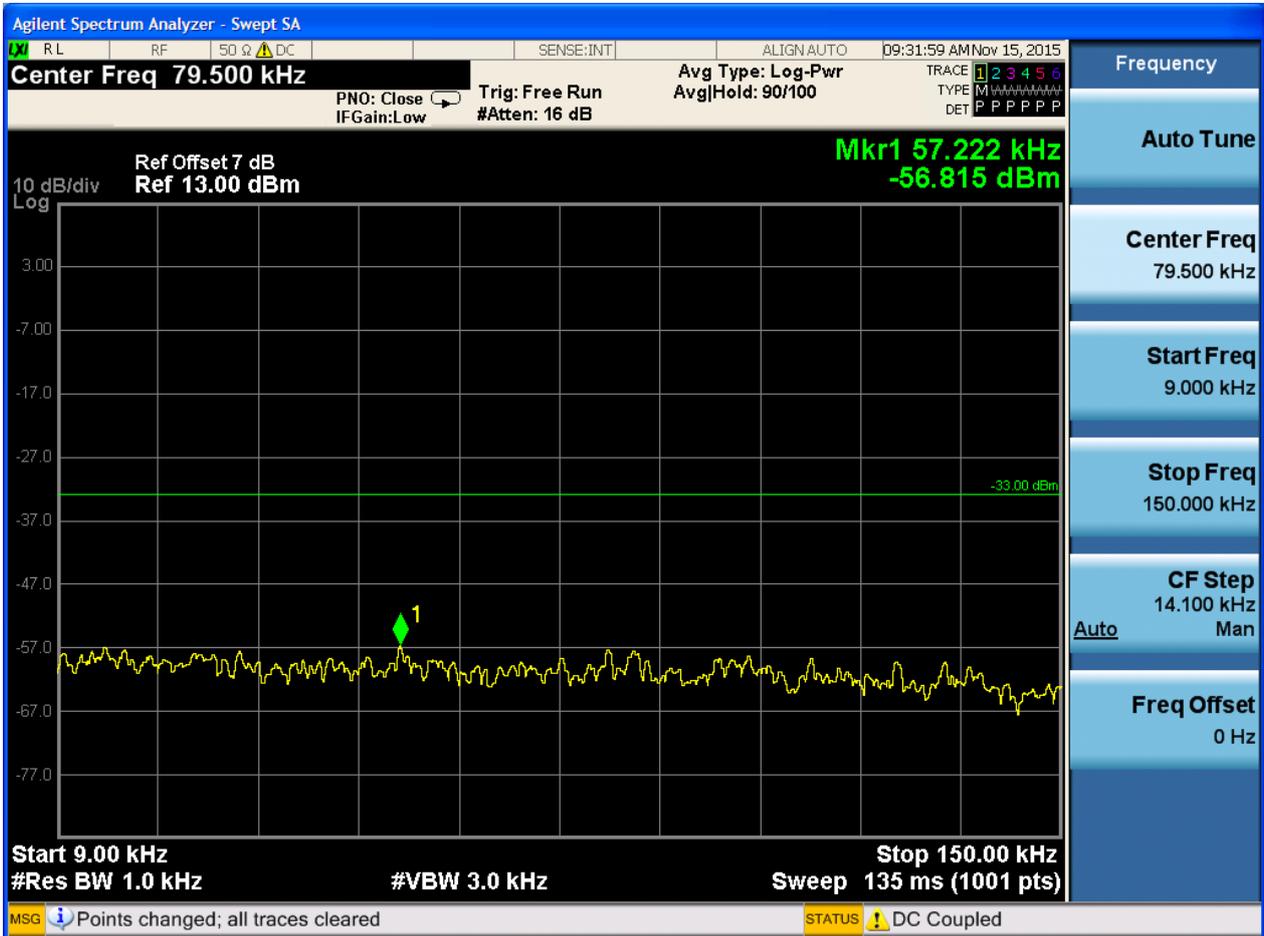




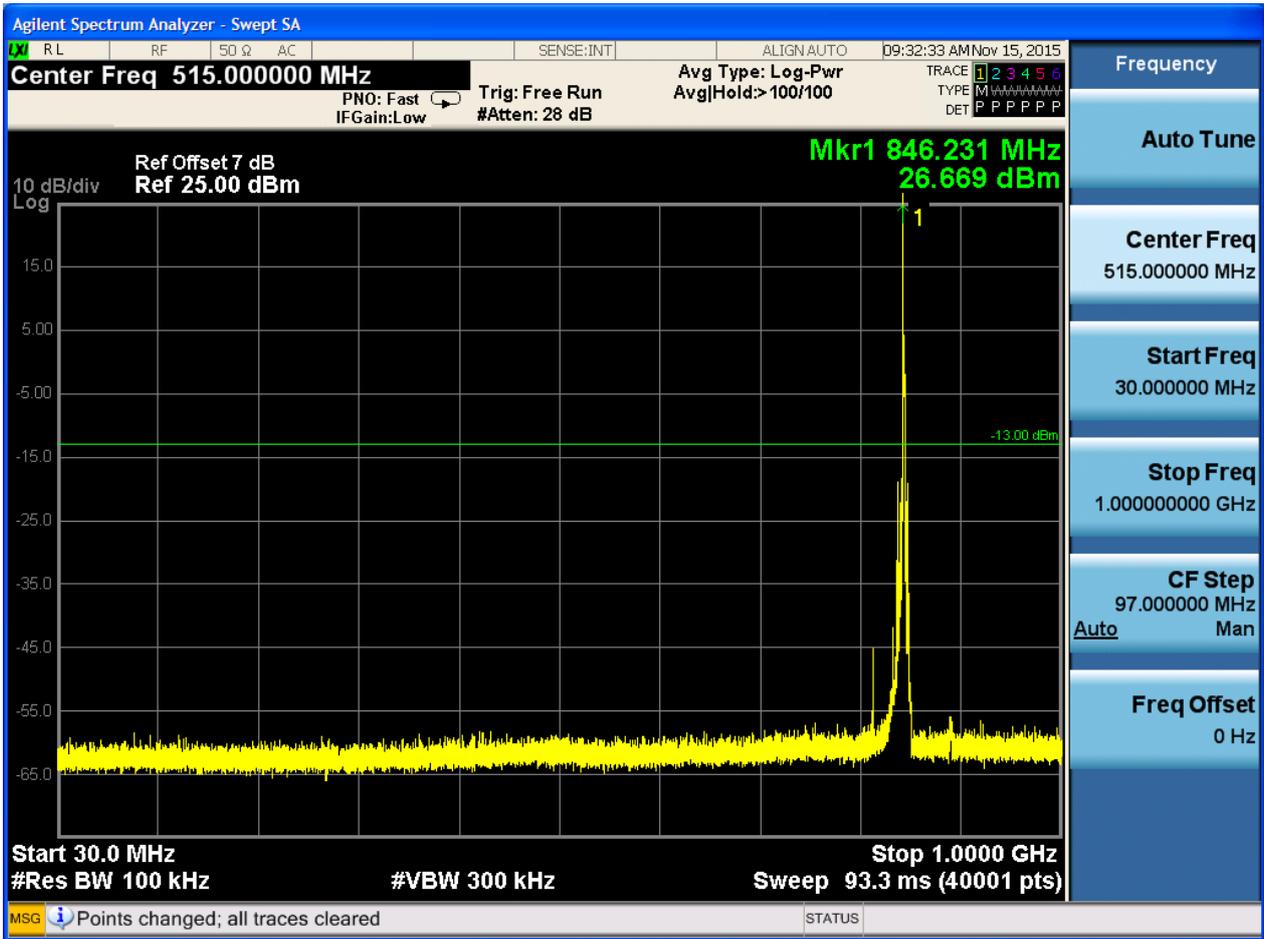


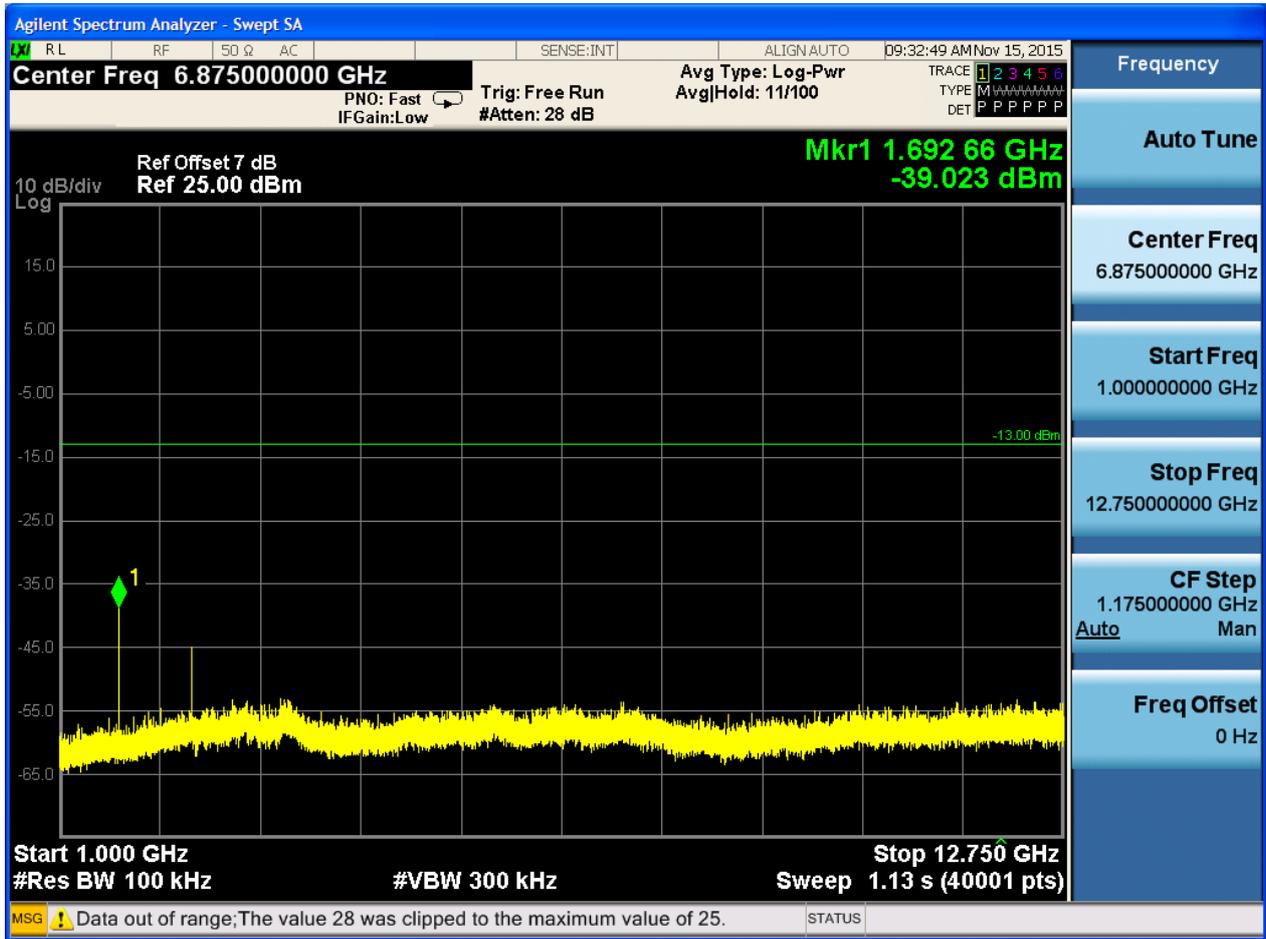
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







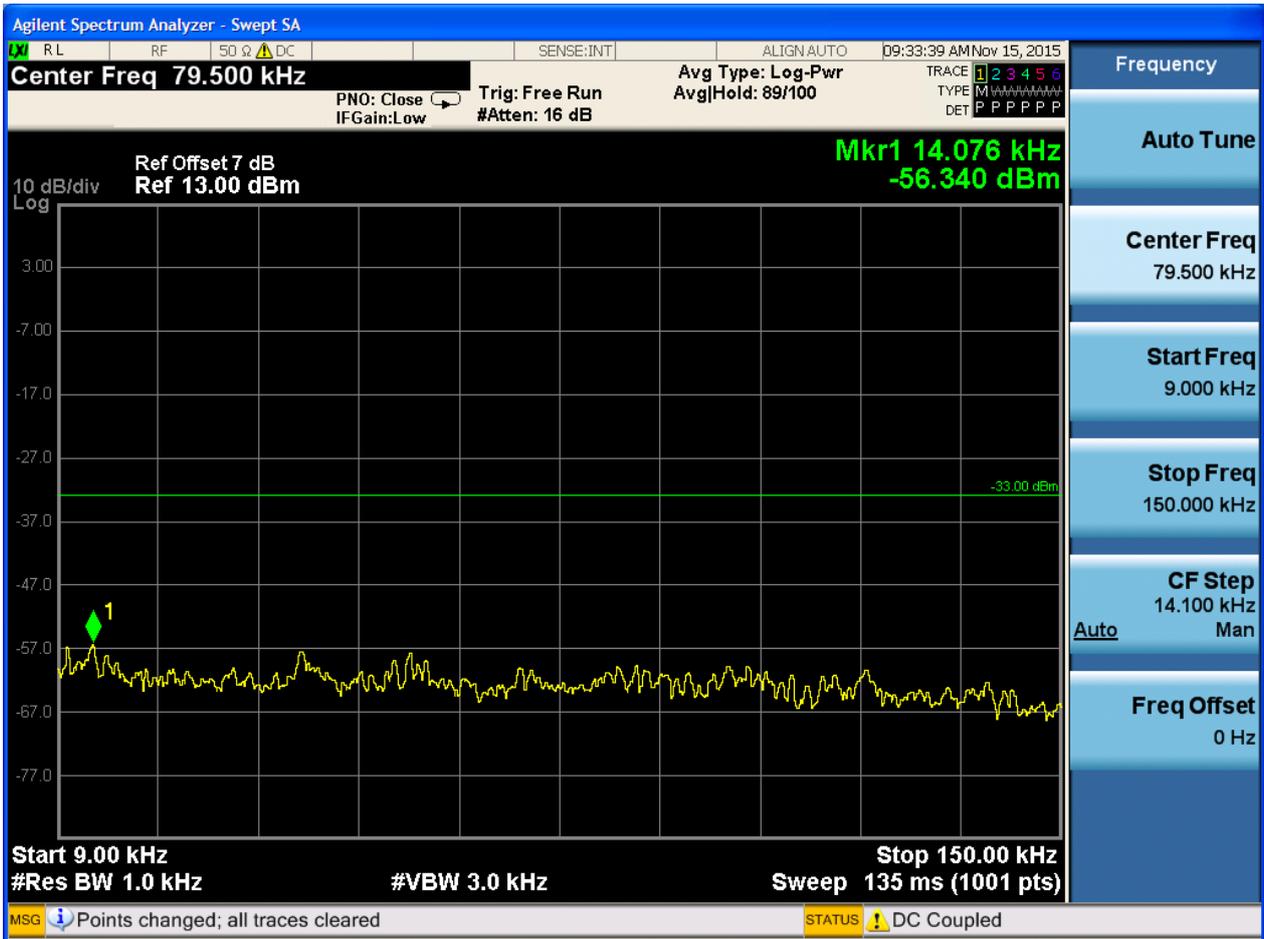


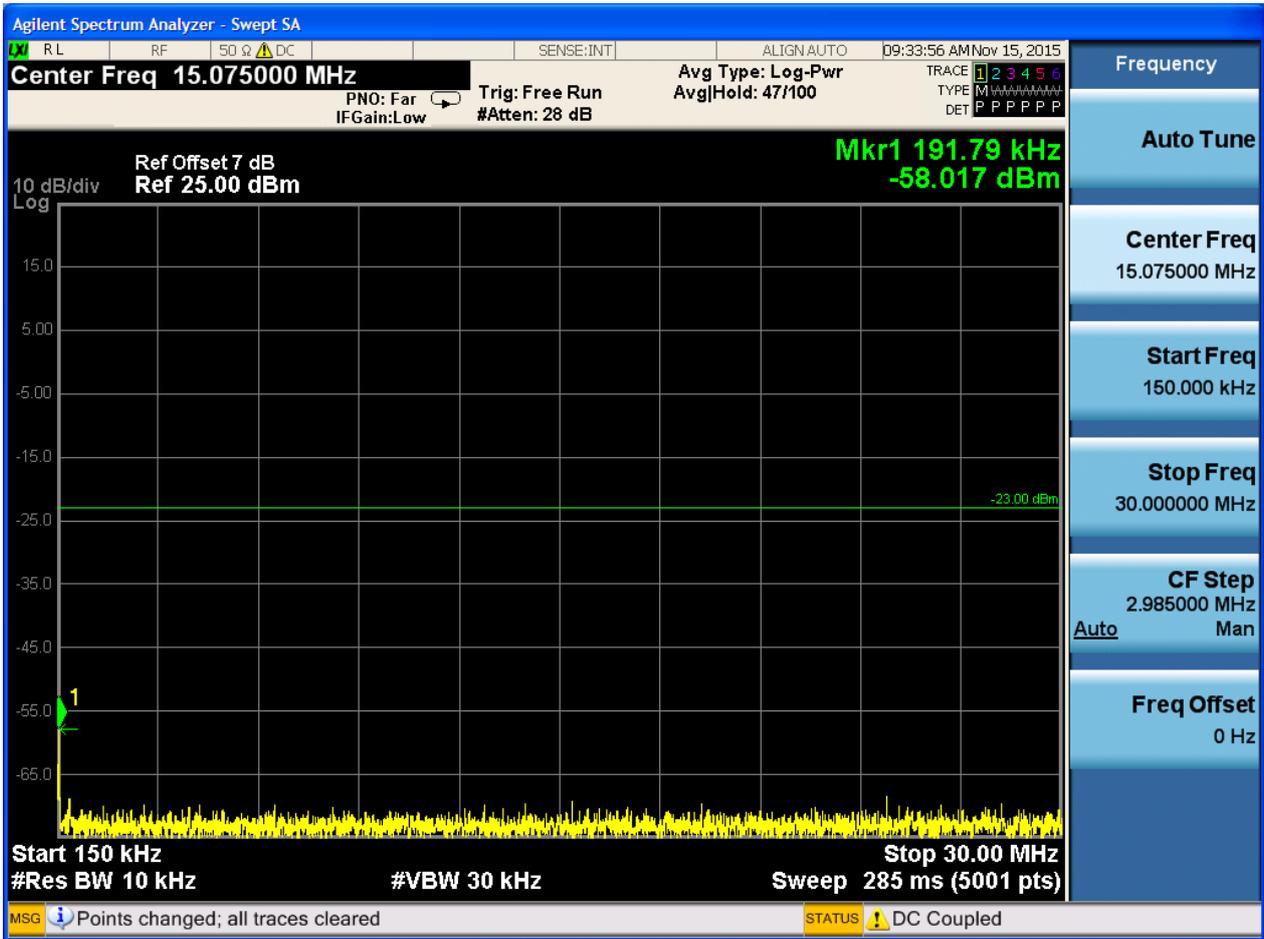


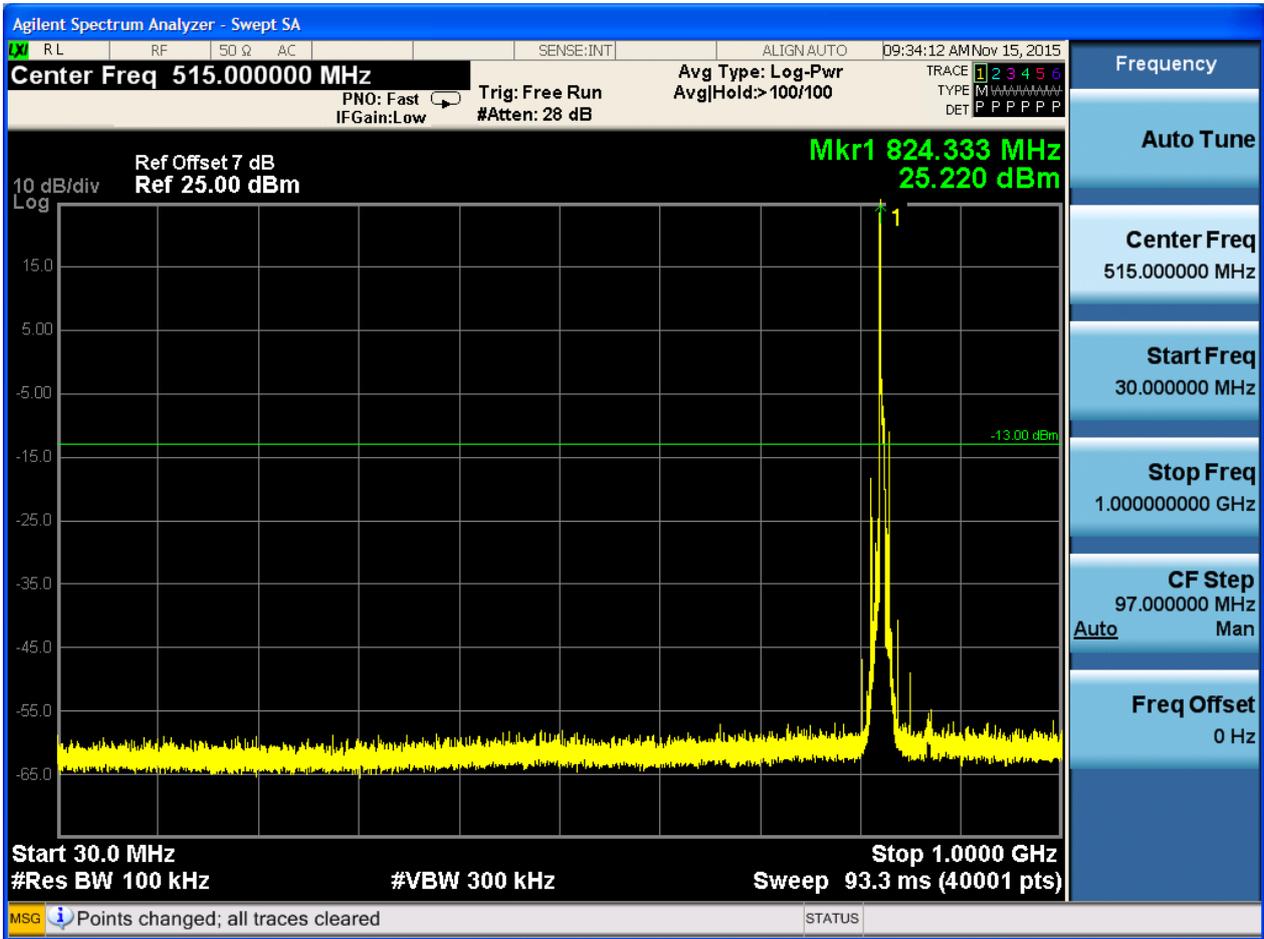
6.1.1.2.3 Test Bandwidth = 5

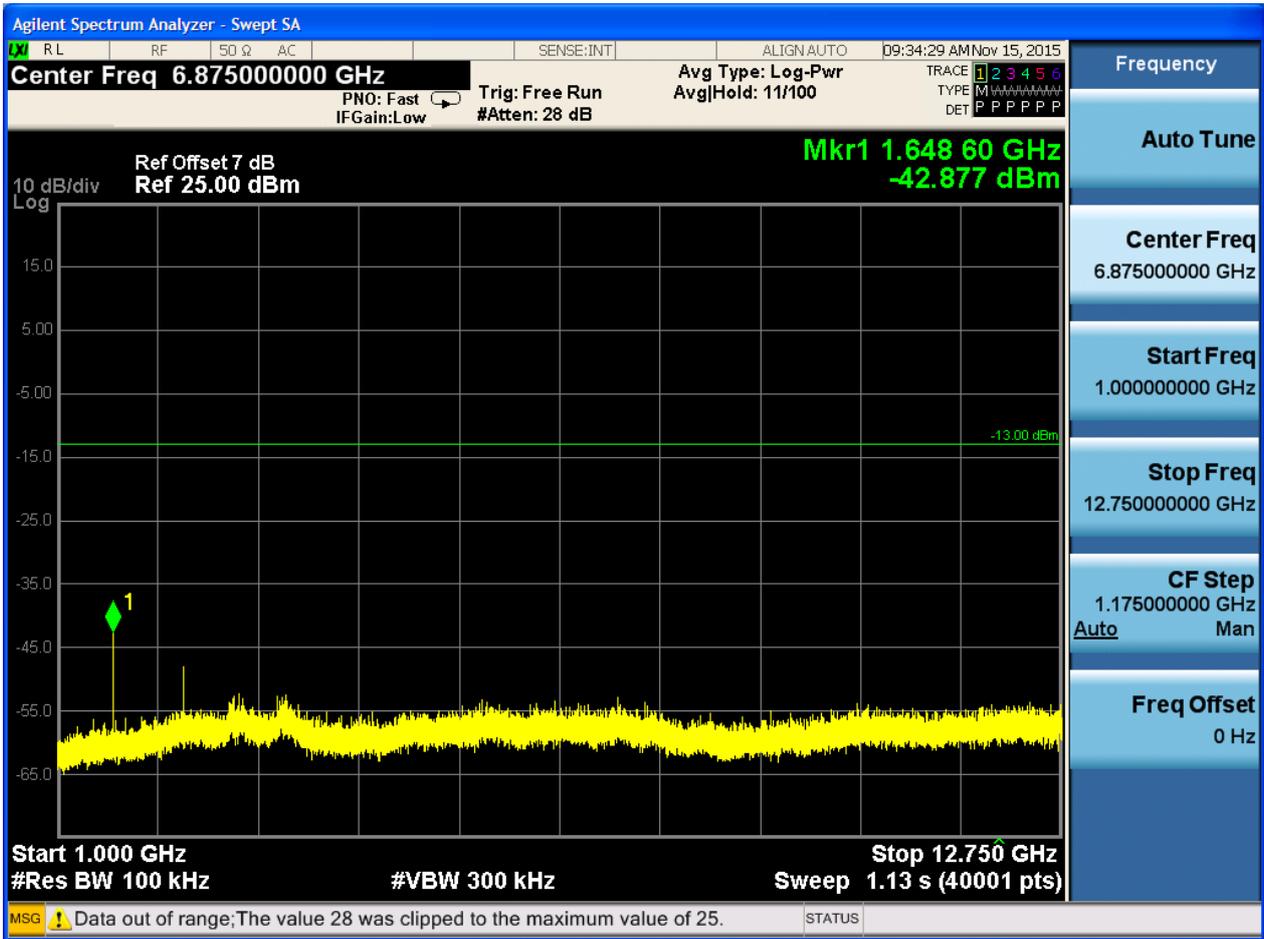
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0





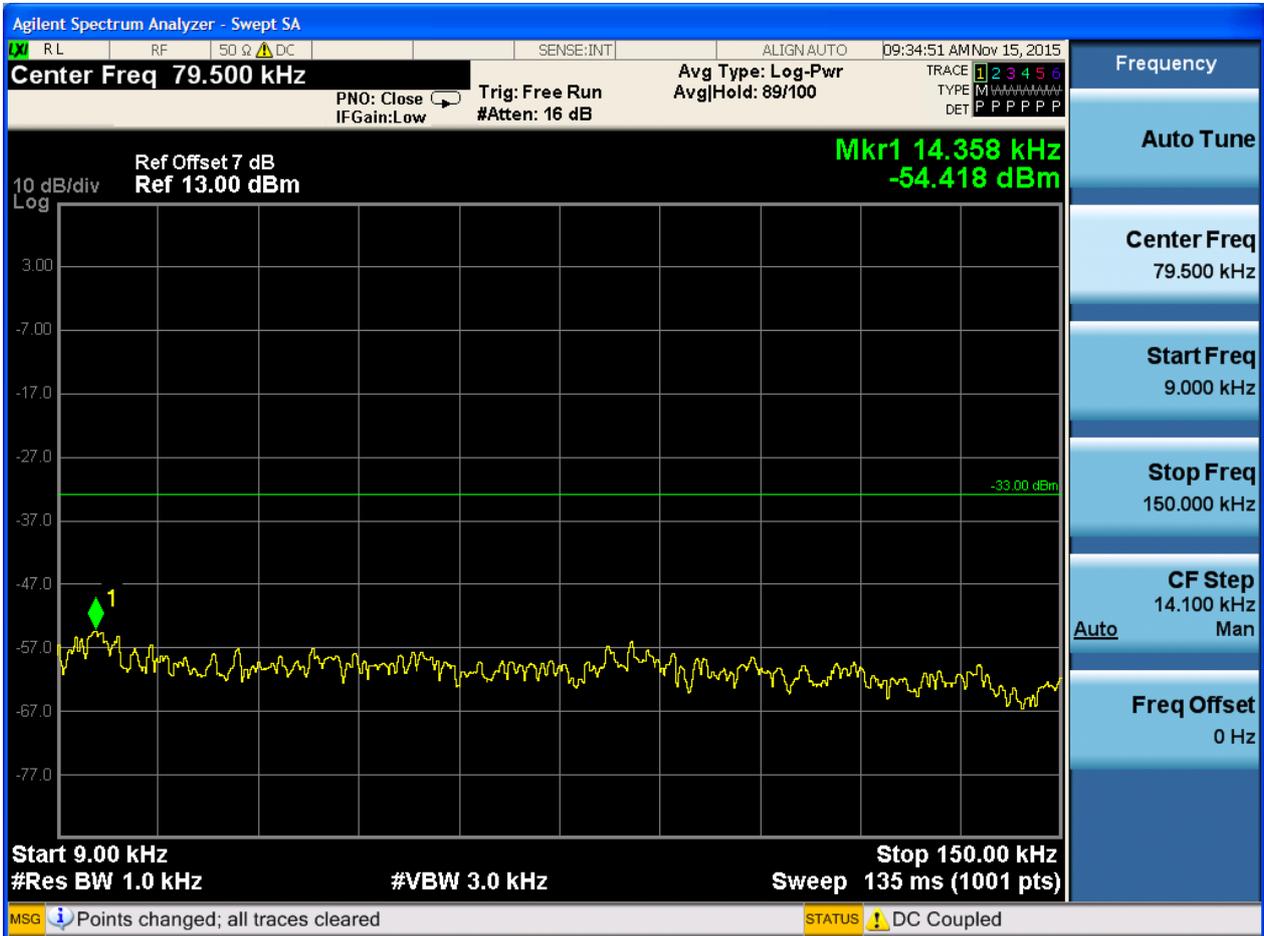




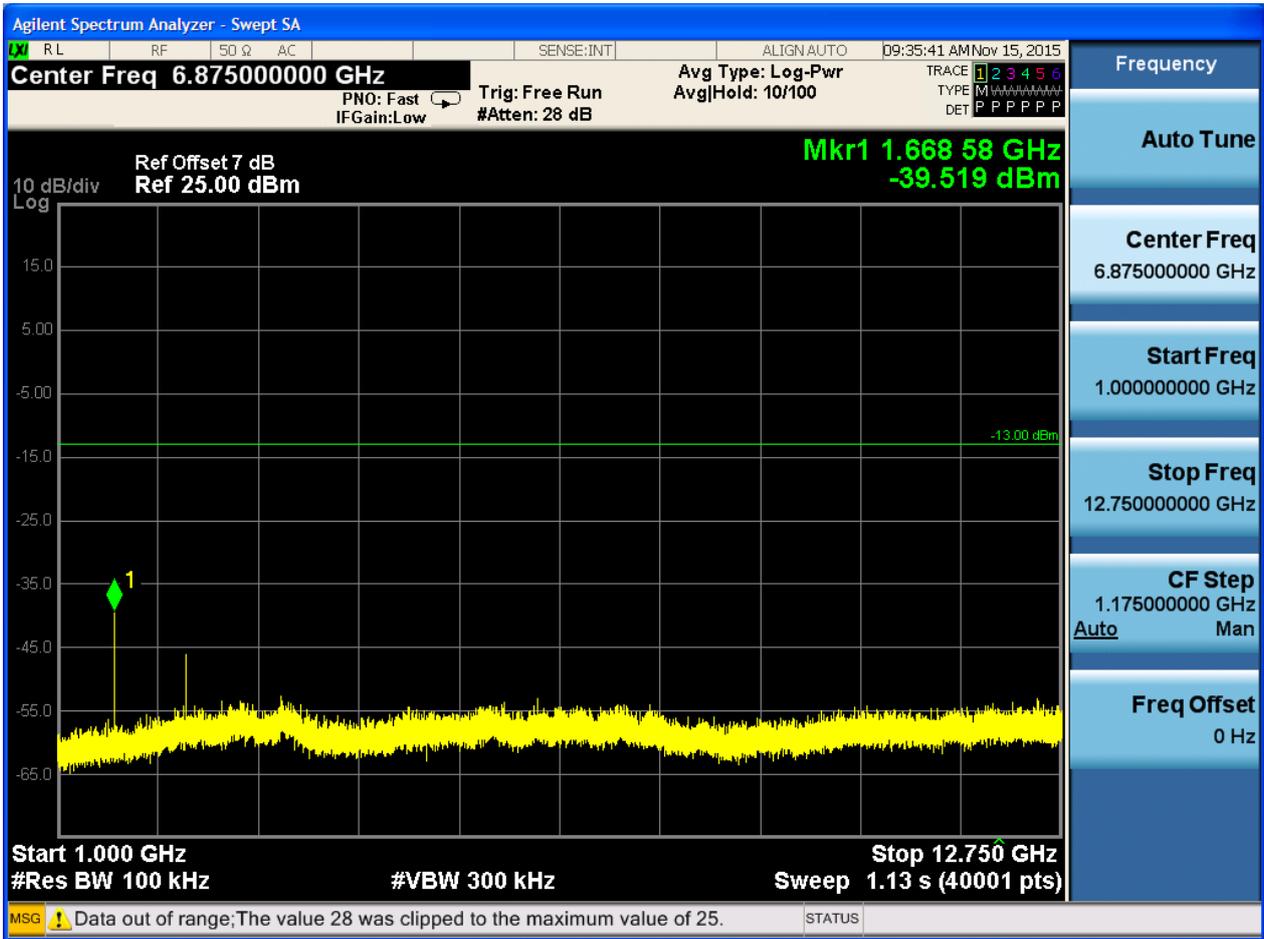


6.1.1.2.3.2 Test Channel = MCH

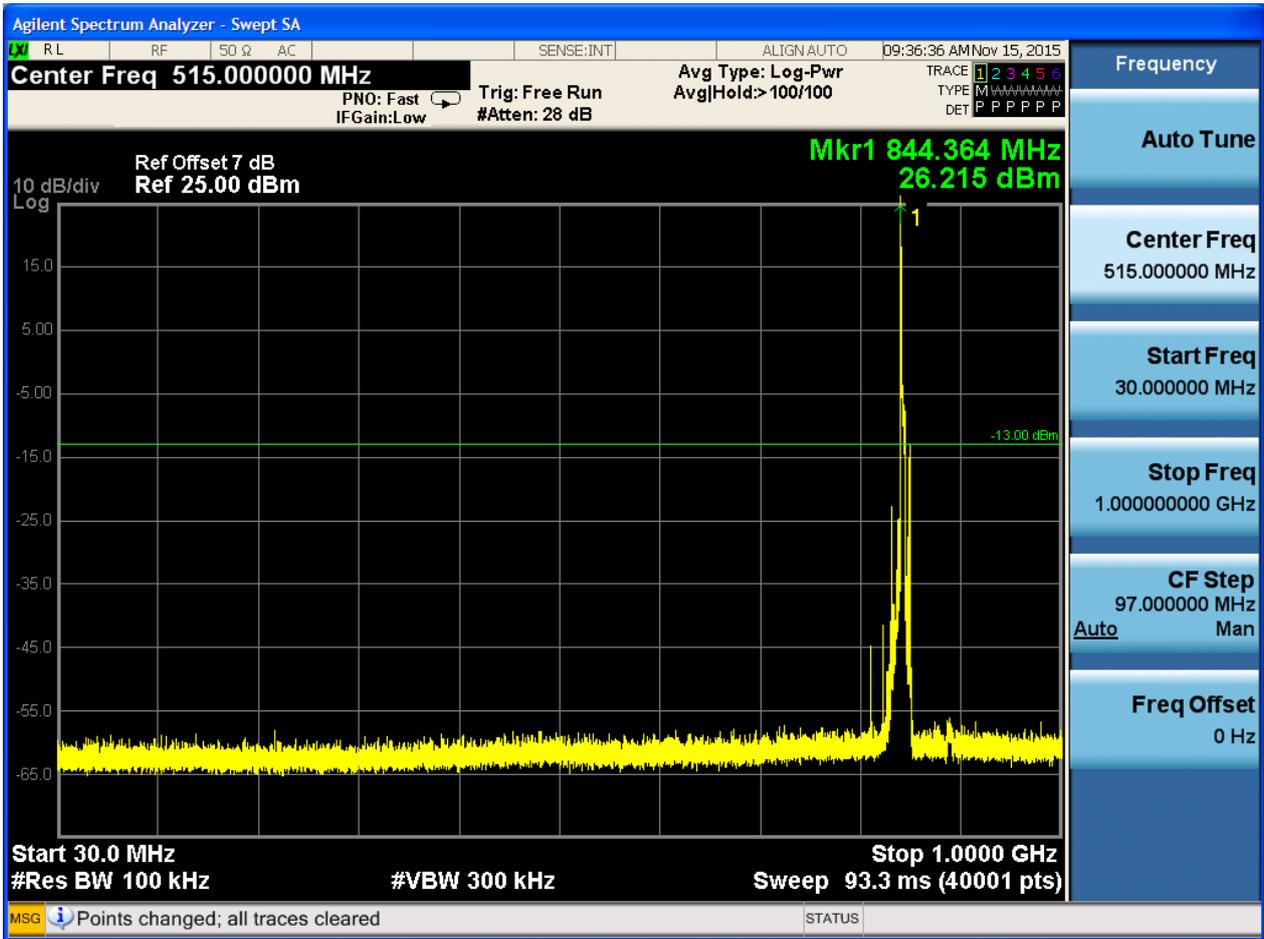
6.1.1.2.3.2.1 Test RB = RB1#0

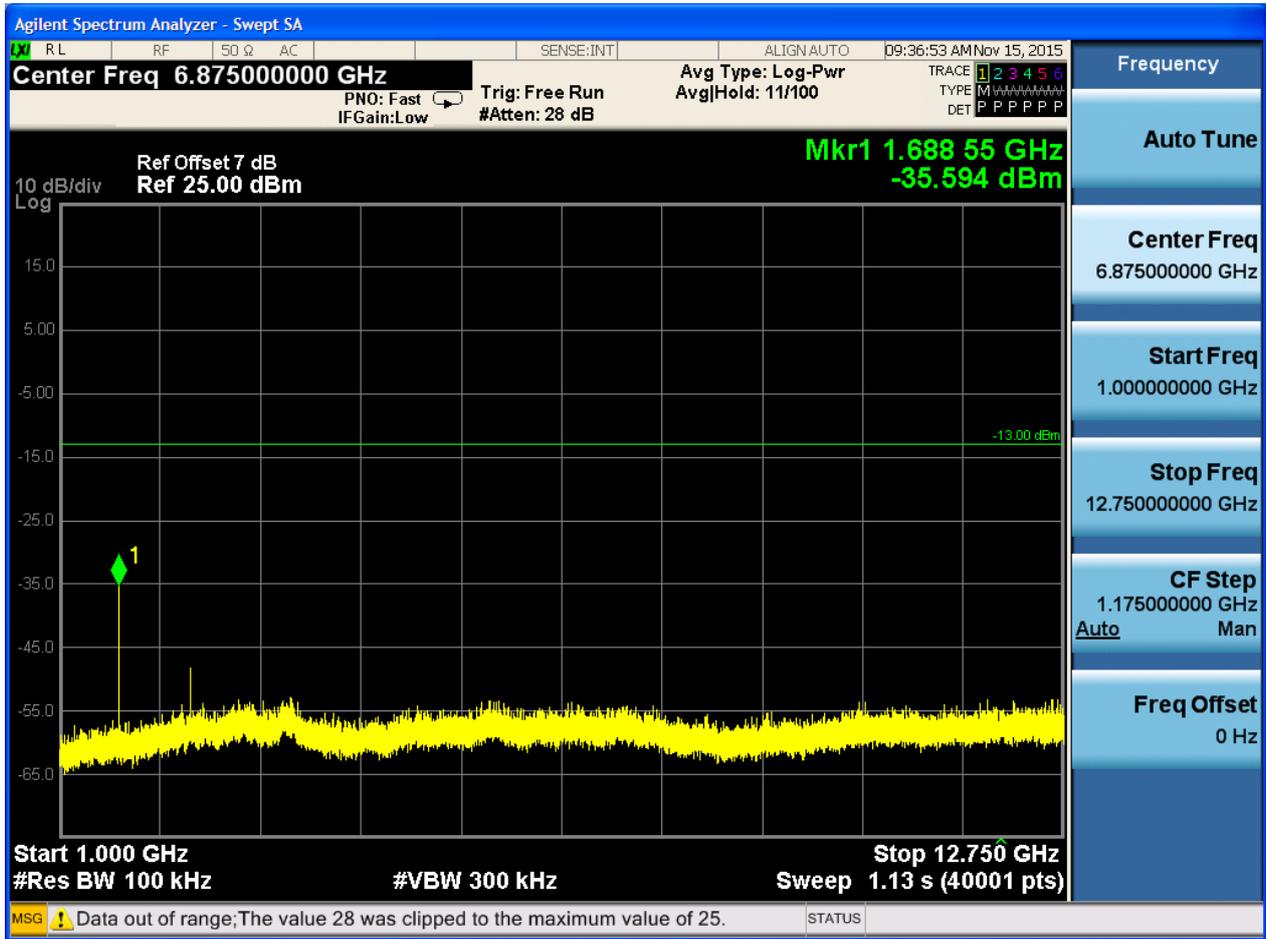










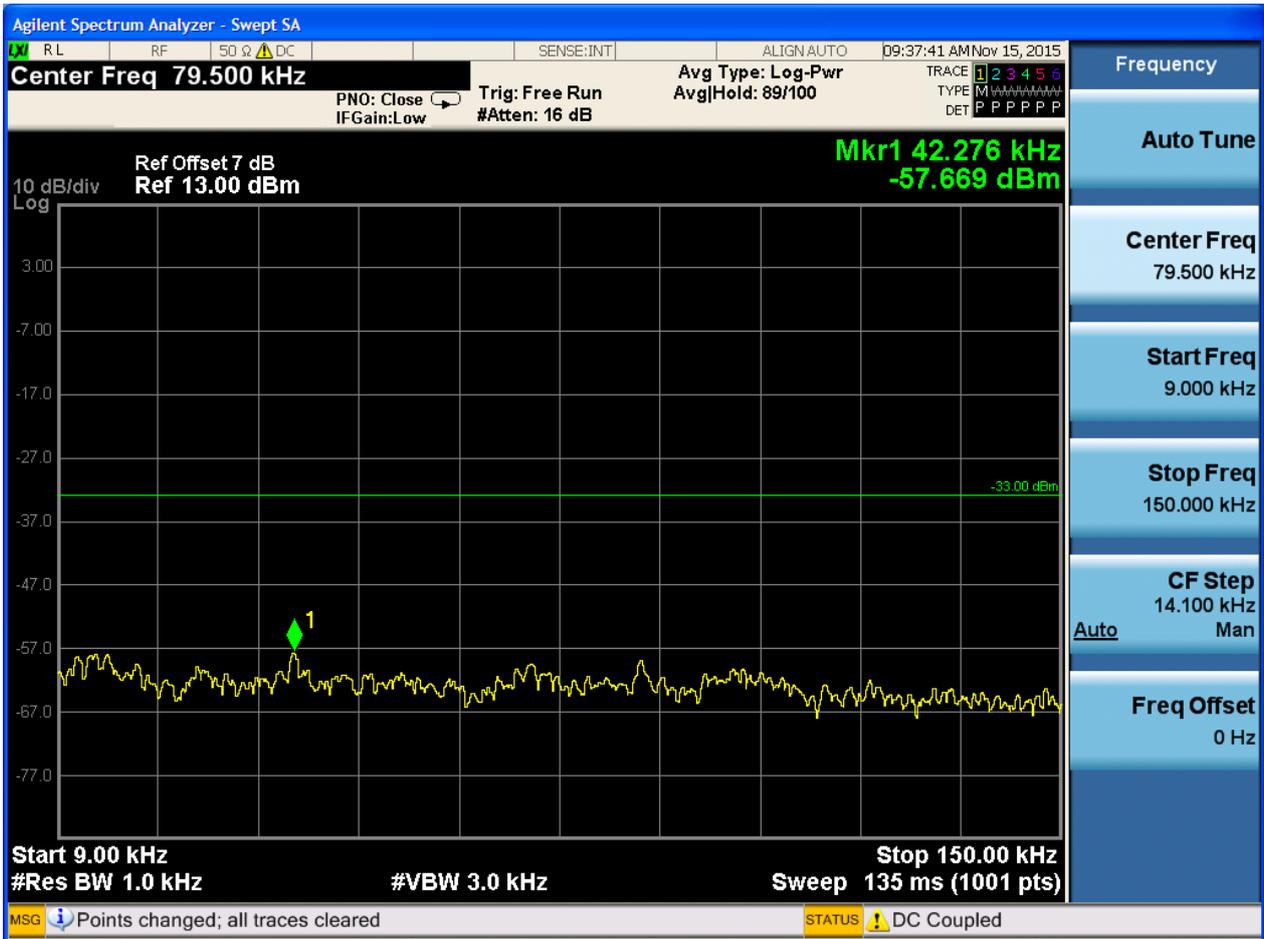


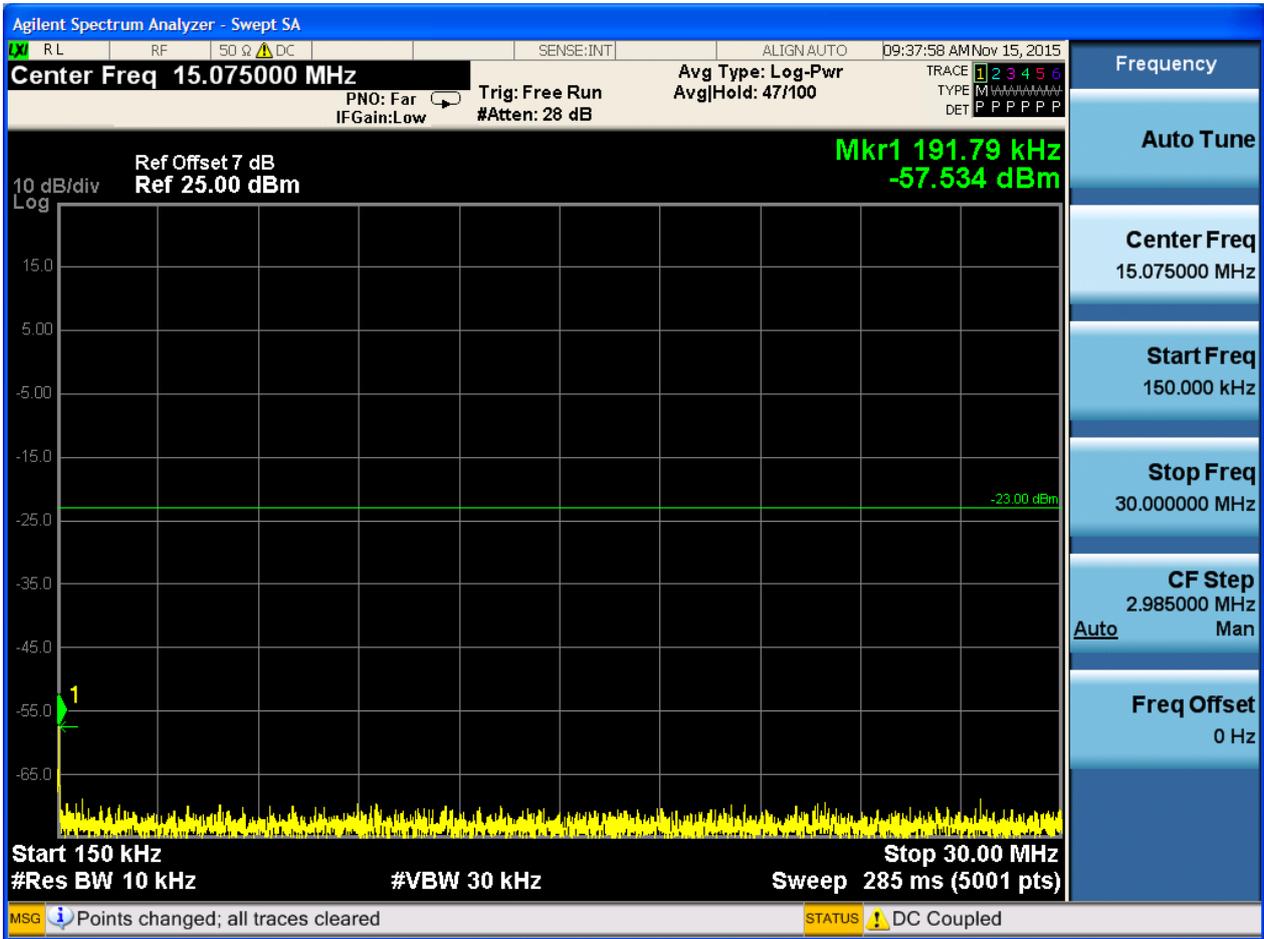


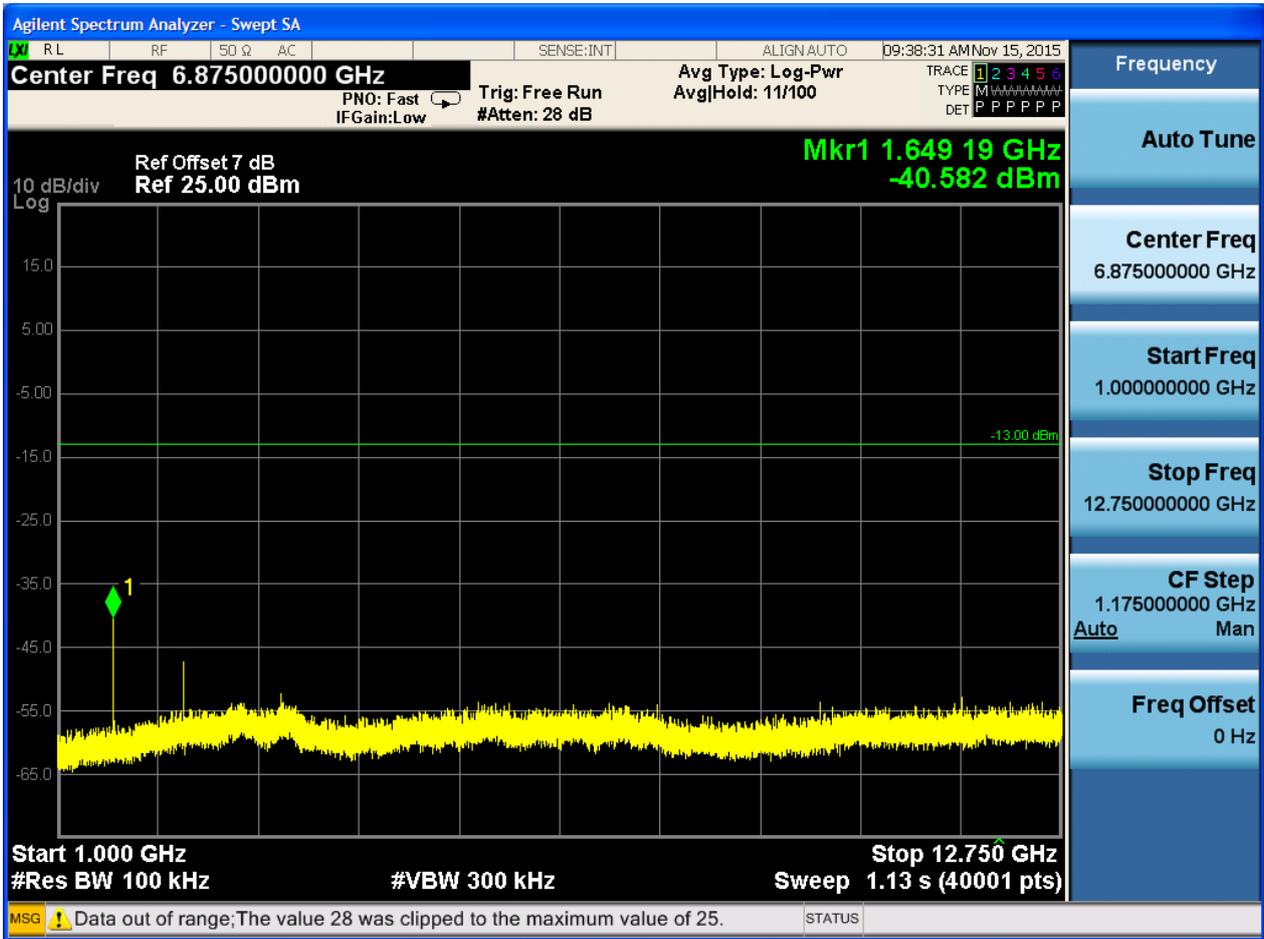
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

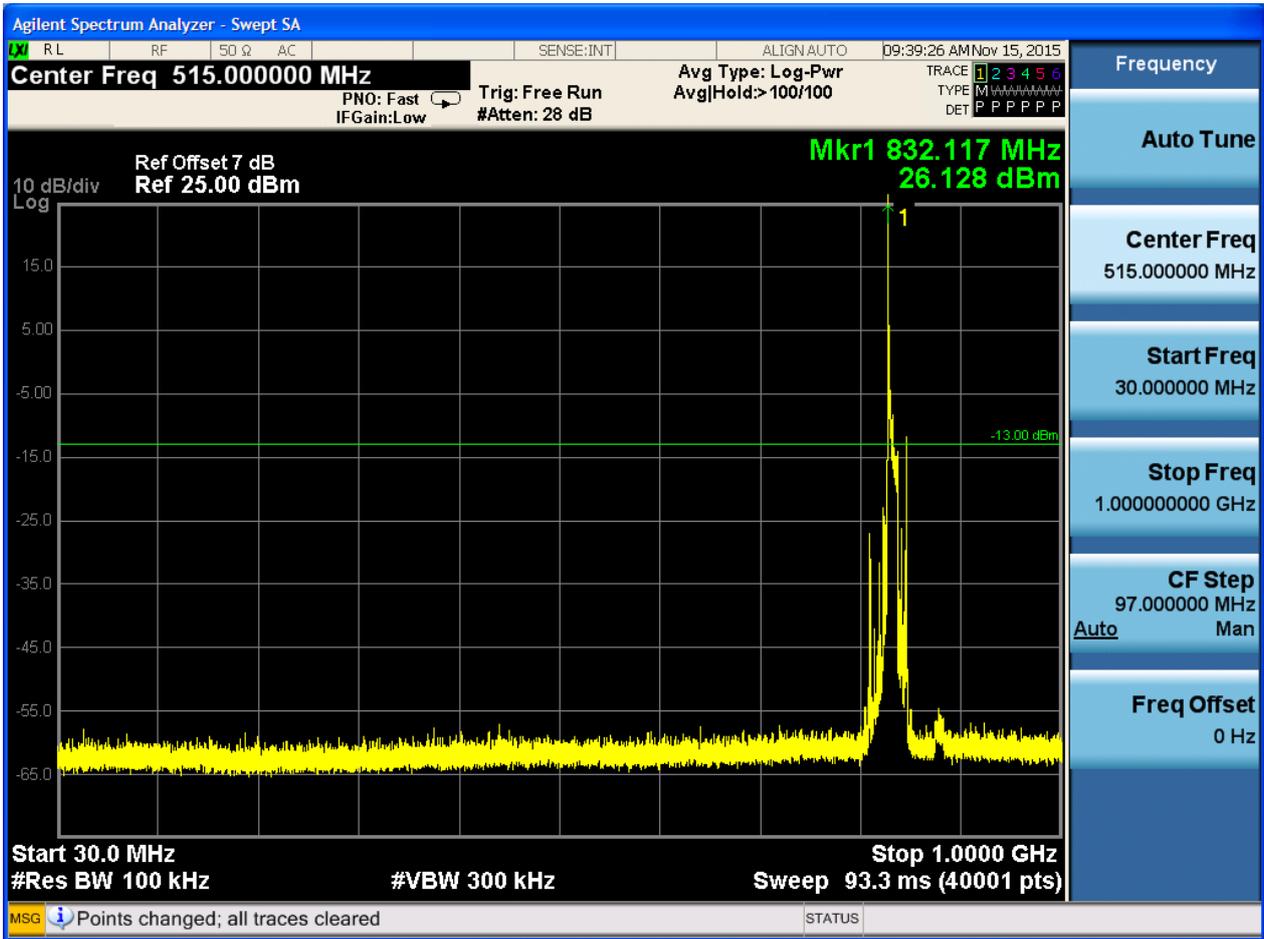
6.1.1.2.4.1.1 Test RB = RB1#0

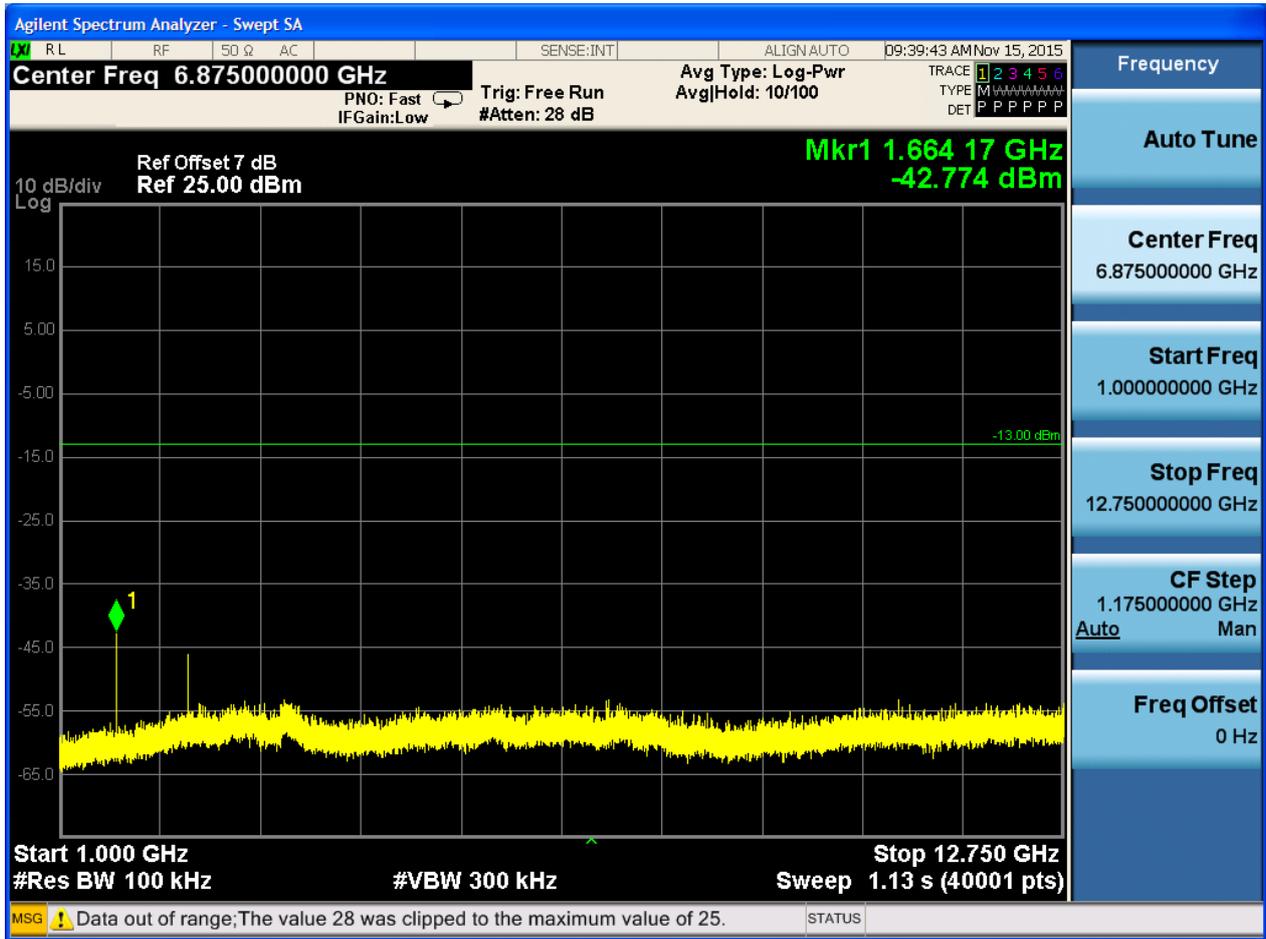








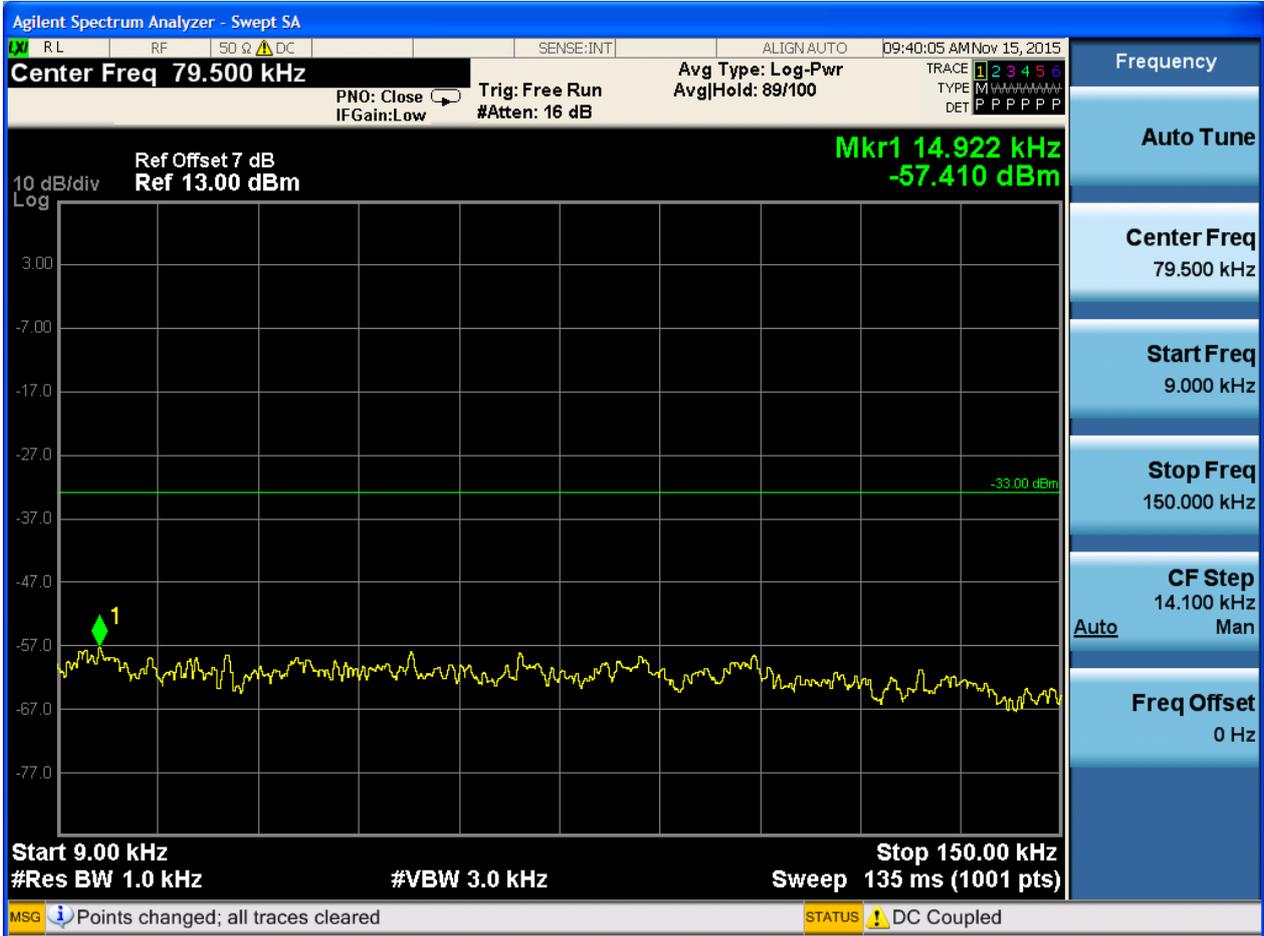




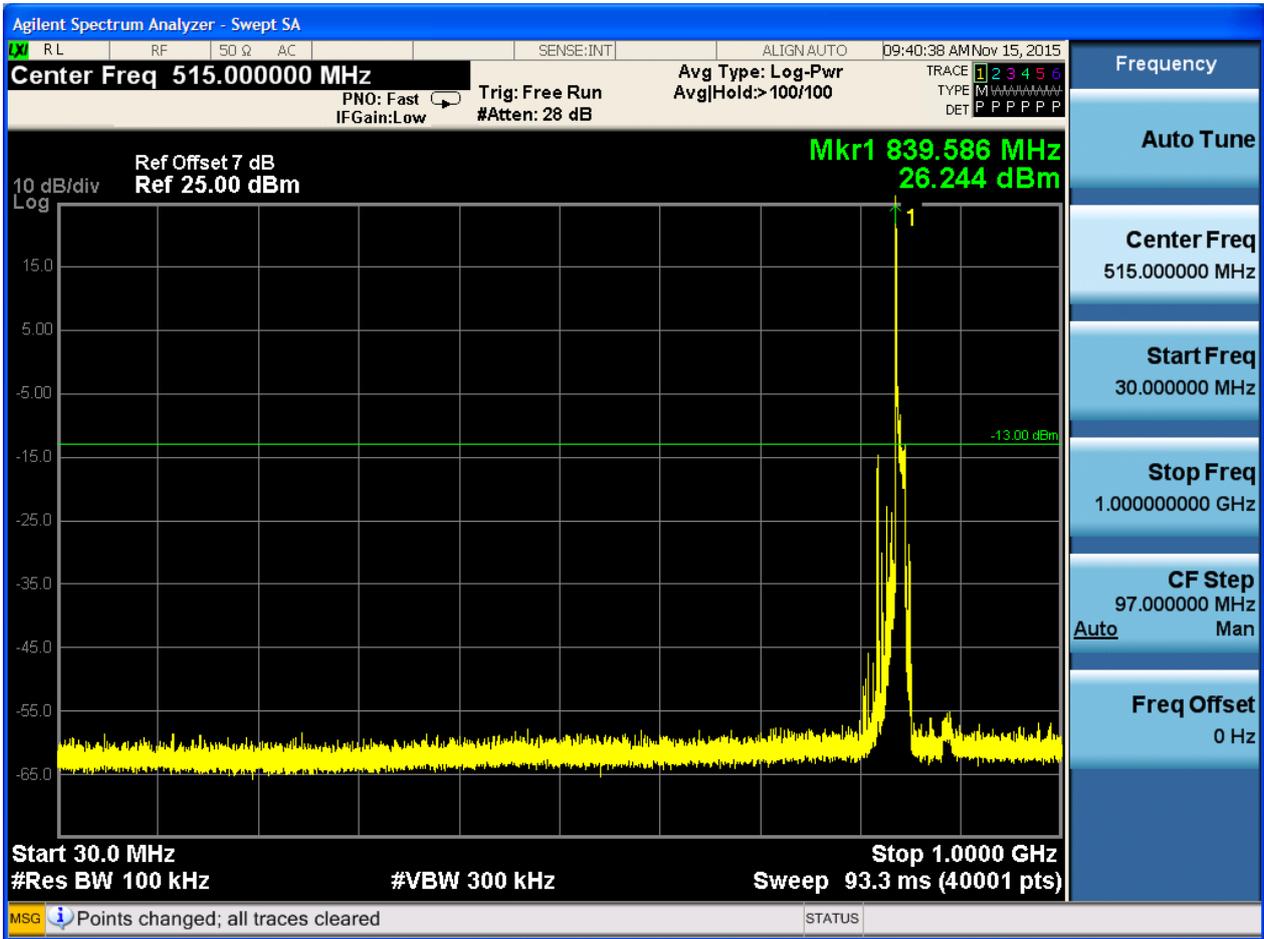


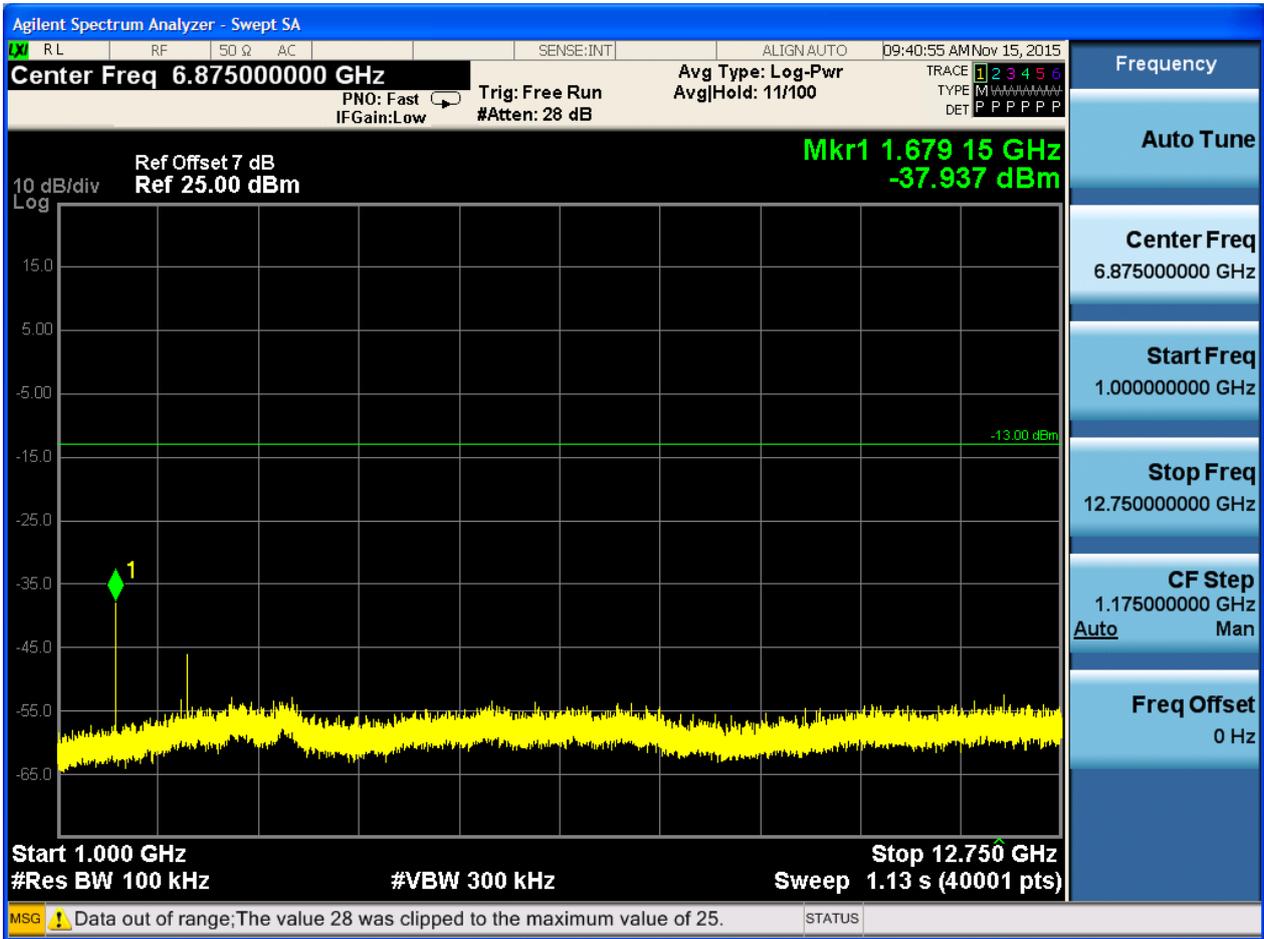
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0







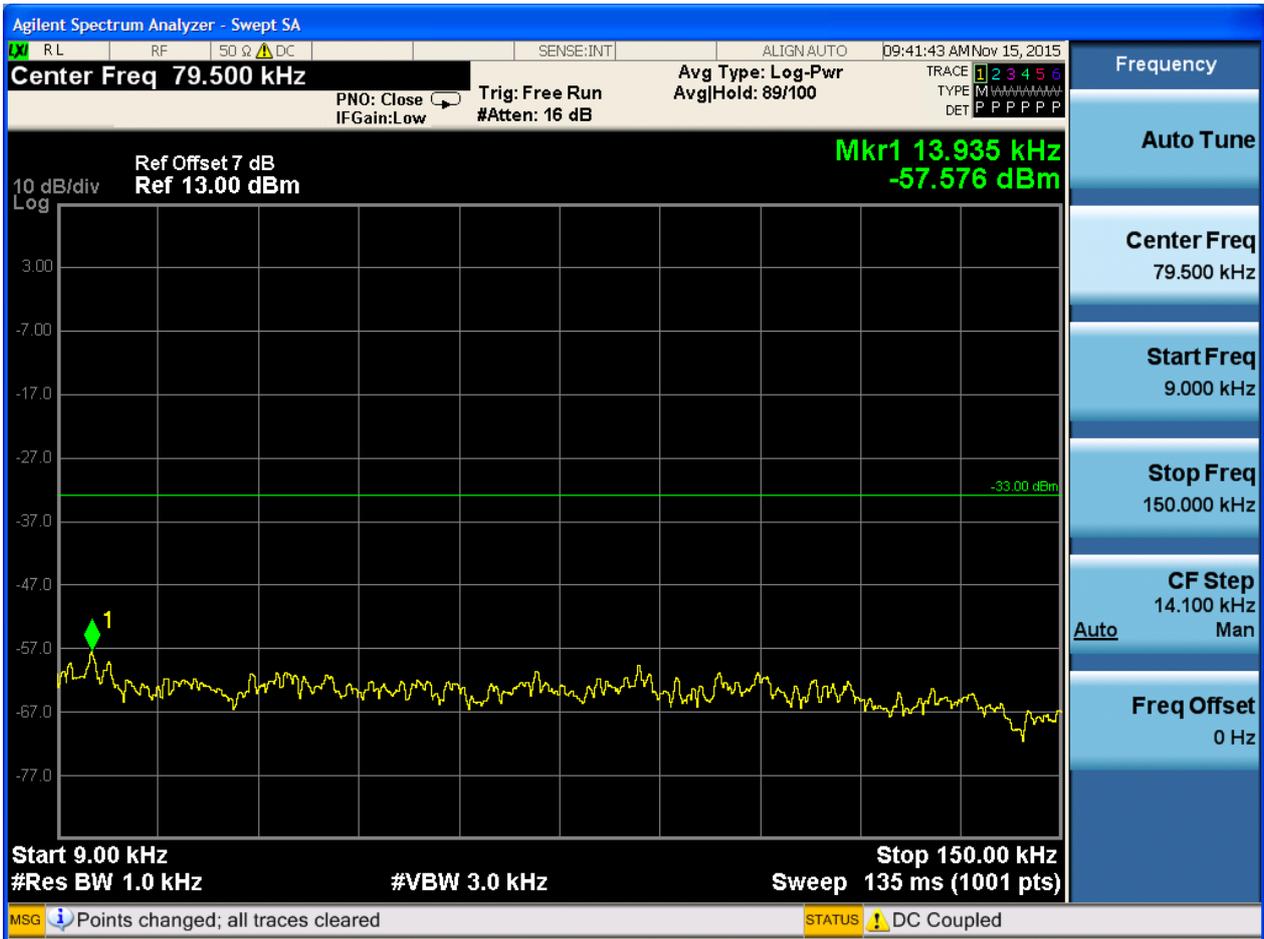




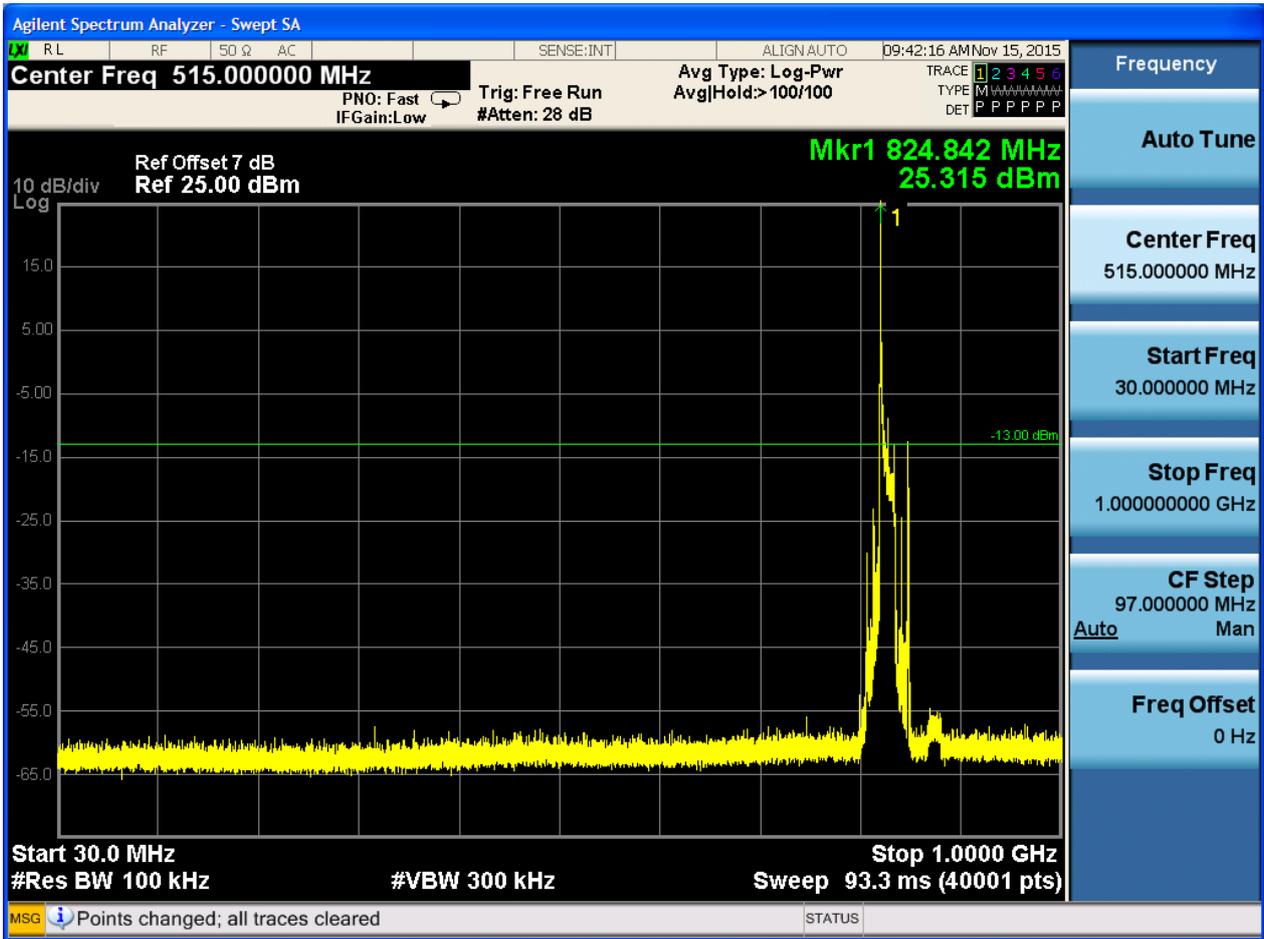
6.1.1.2.5 Test Bandwidth = 15

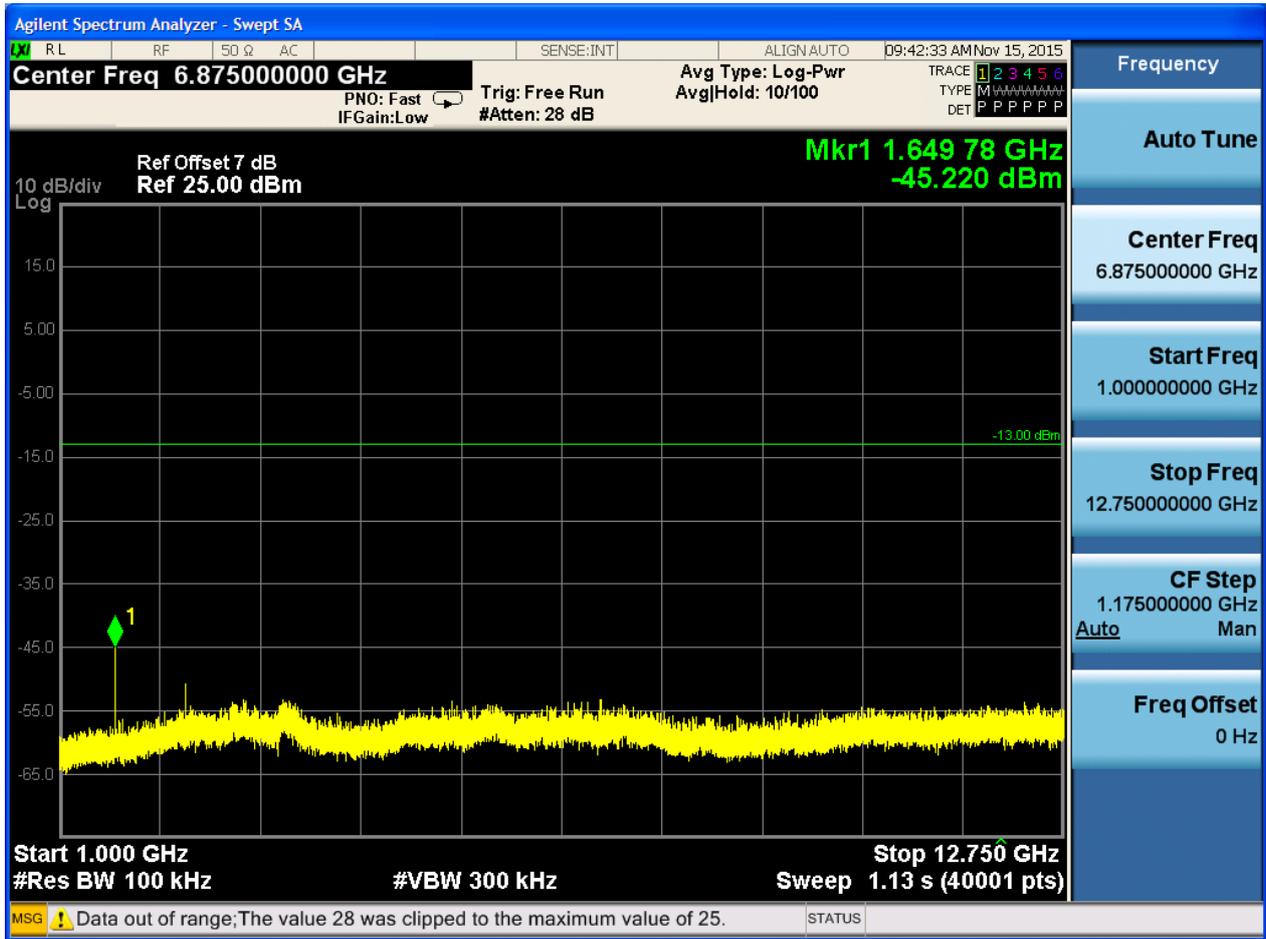
6.1.1.2.5.1 Test Channel = LCH

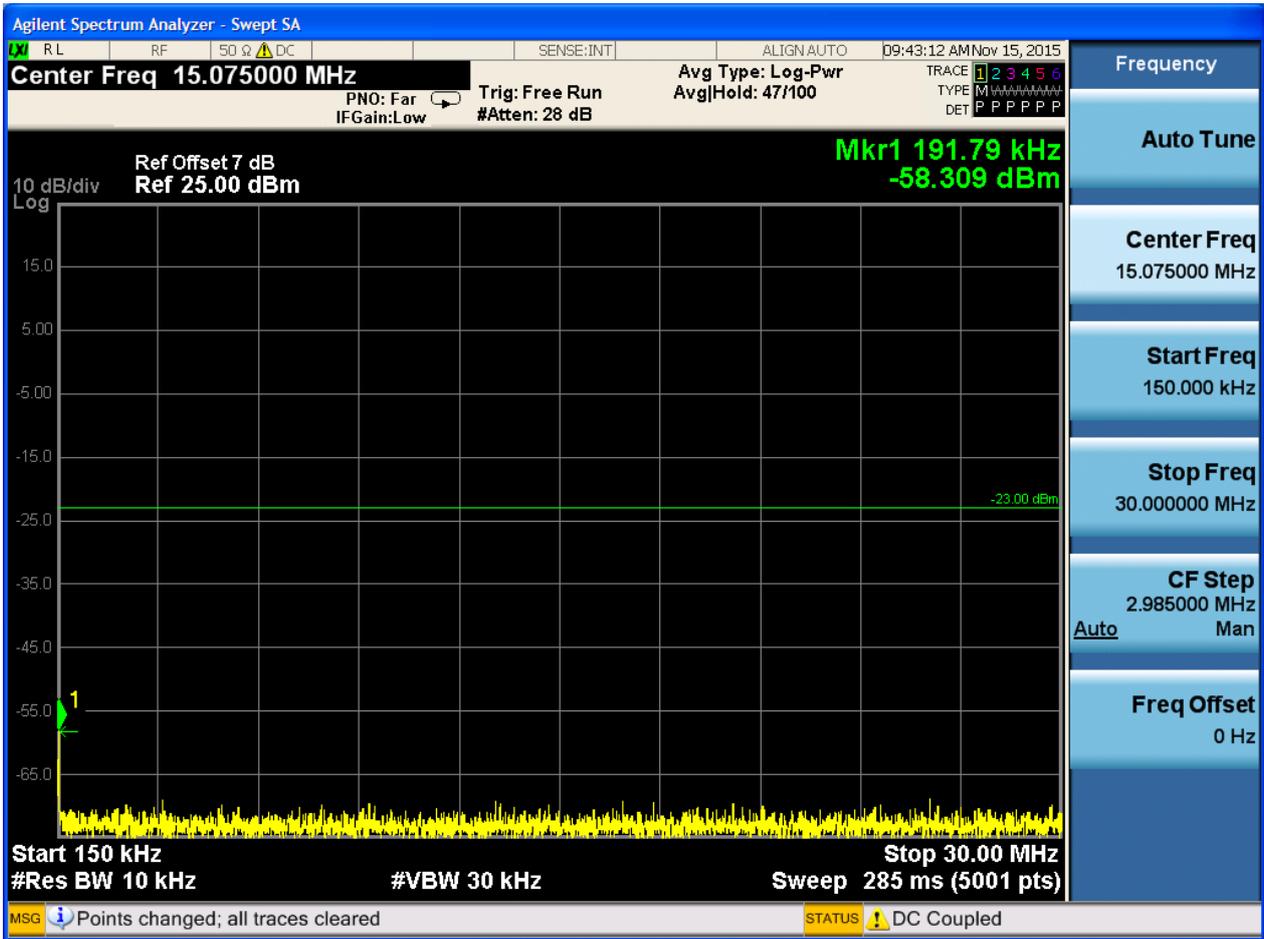
6.1.1.2.5.1.1 Test RB = RB1#0

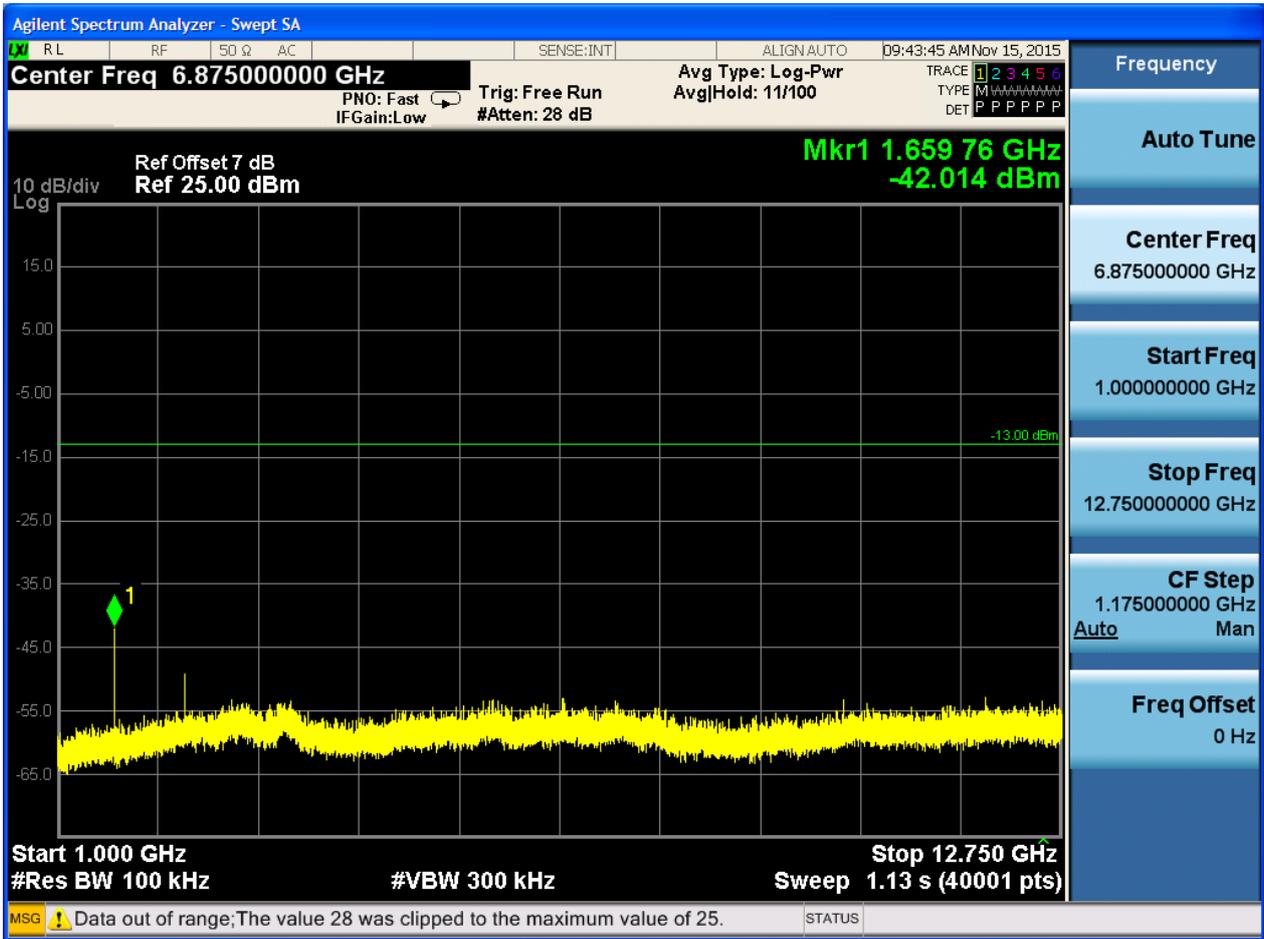




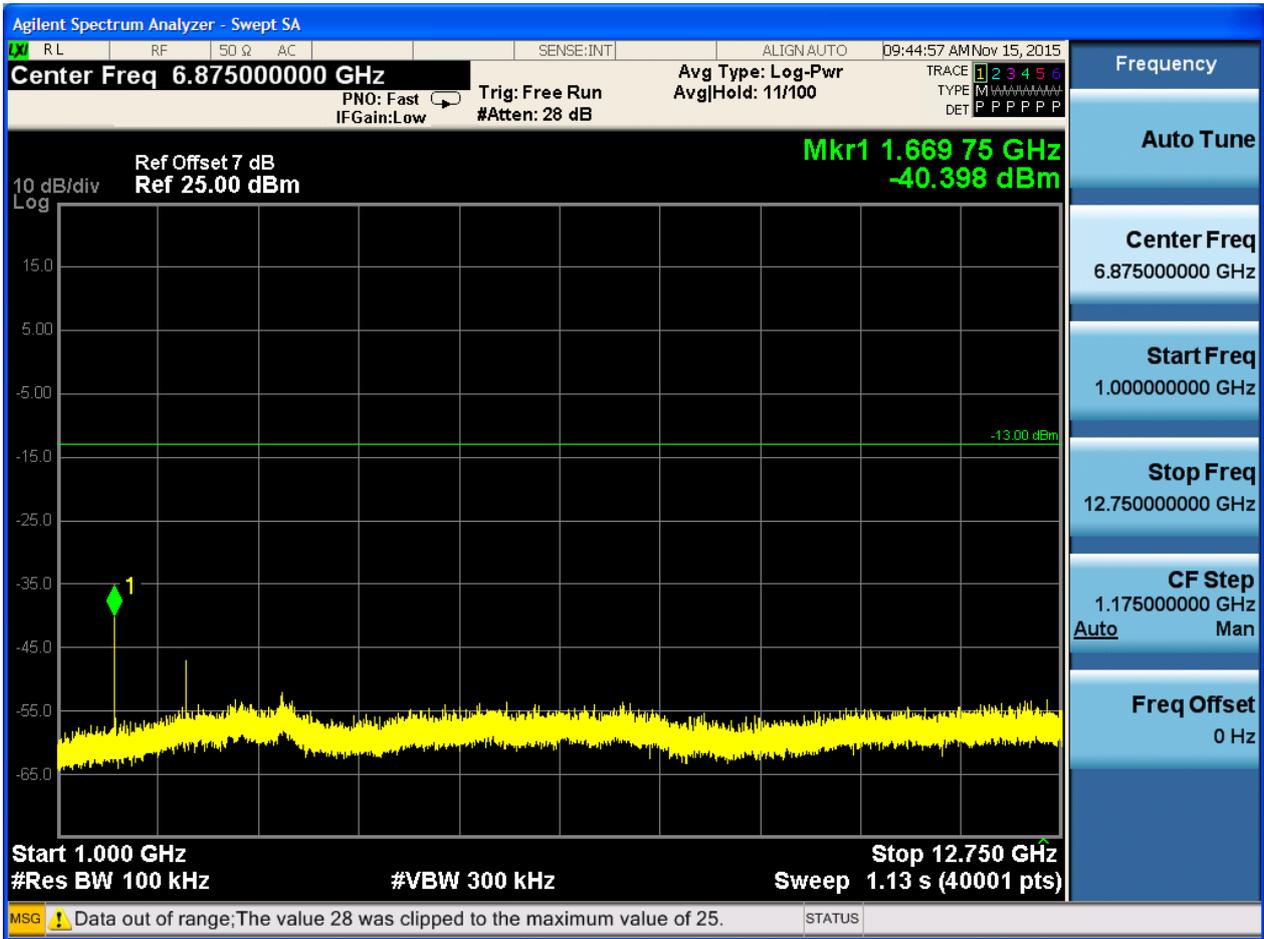












7Appendix_G: Field Strength of Spurious Radiation

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

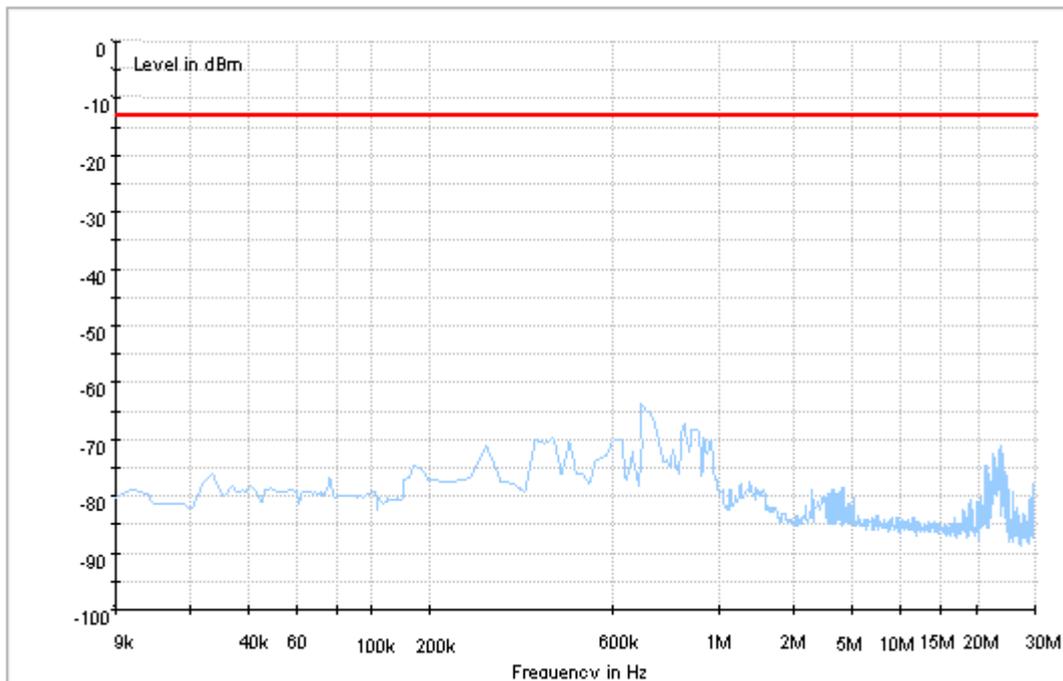
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

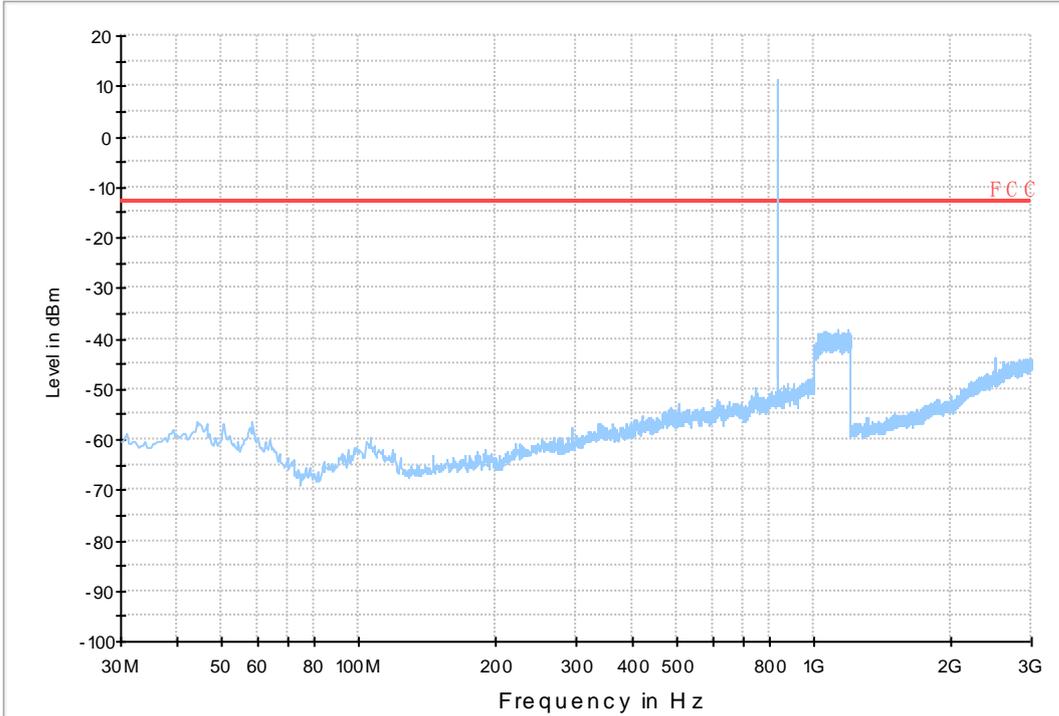
7.1 For LTE

7.1.1 Test Band = BAND26

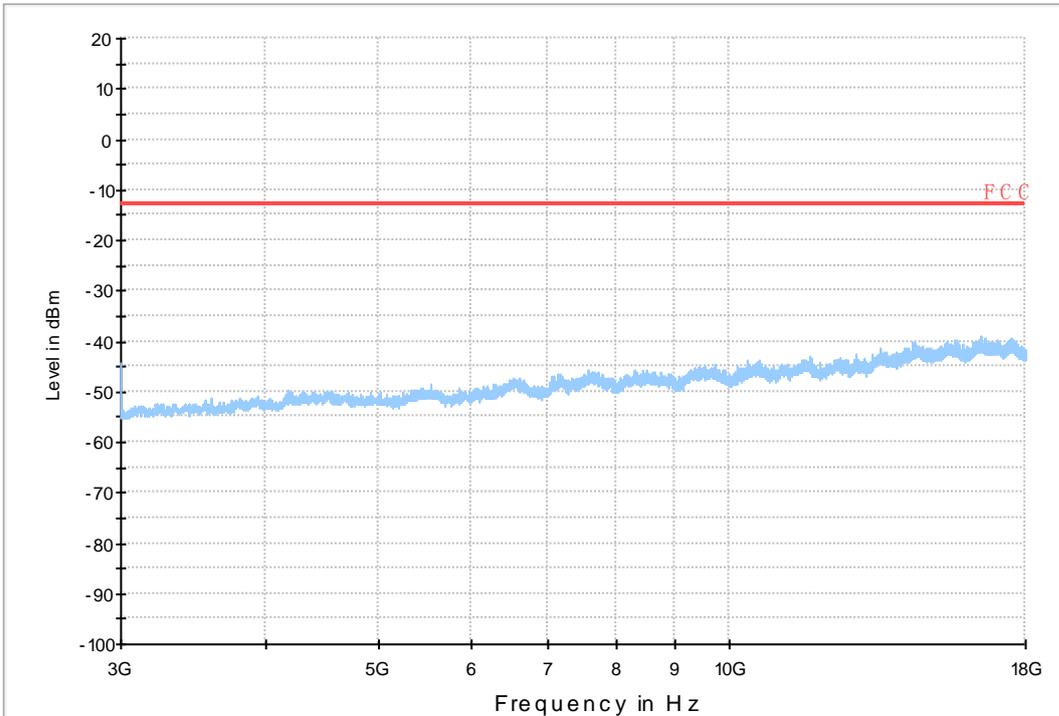
7.1.1.1 Test Bandwidth = 1.4



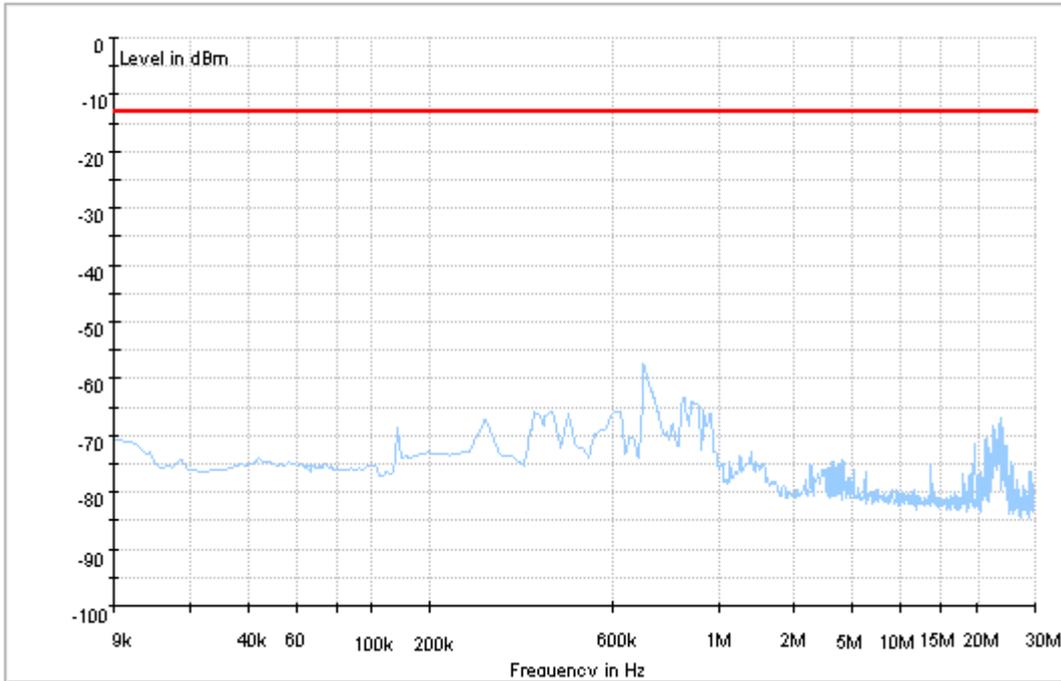
Copy of RSE-TX-DIRECTOR BELOW 1G_L



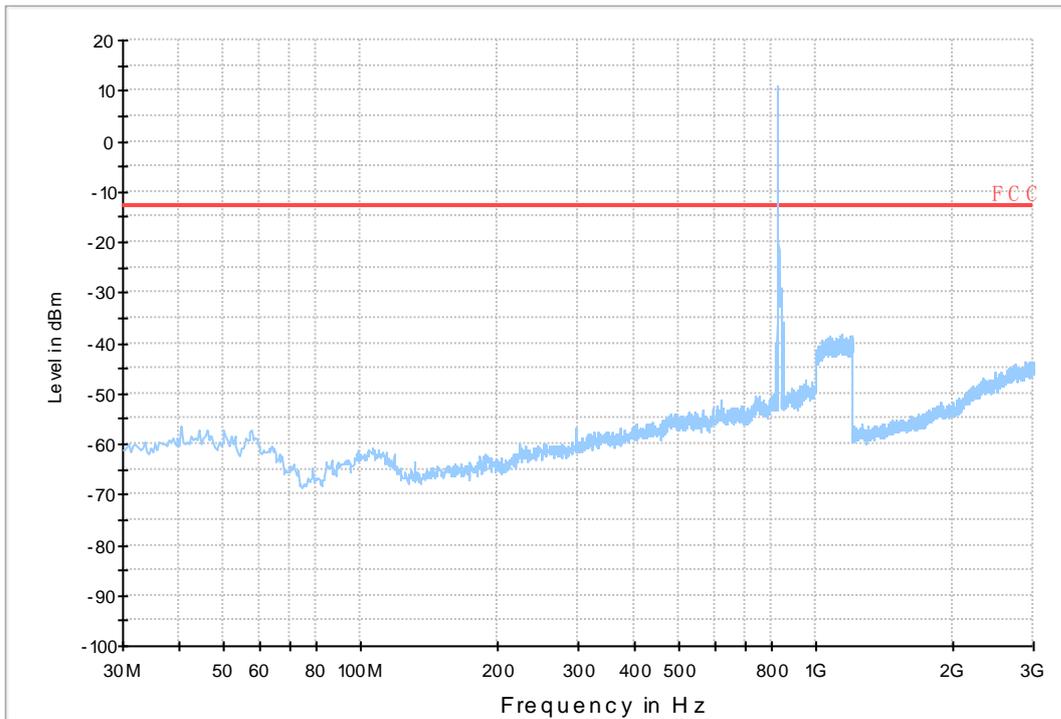
Copy of RSE-TX-DIRECTOR BELOW 1G_H



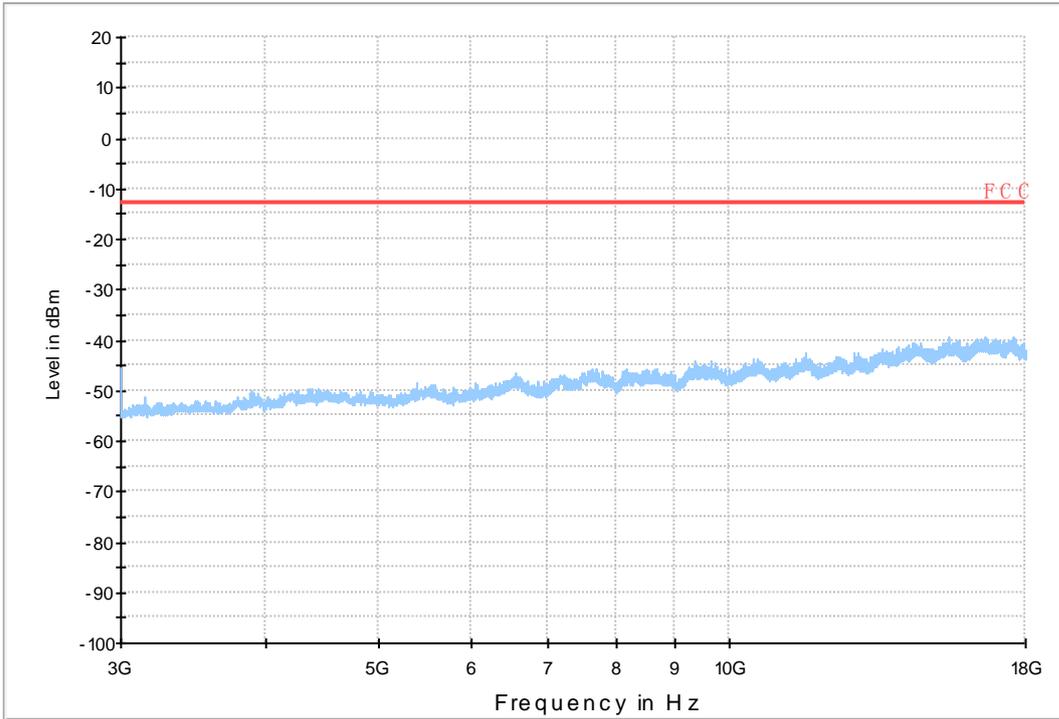
7.1.1.3 Test Bandwidth = 15



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
BAND26	LTE/TM1	1.4	LCH	TN	VL	-4.11	-0.00498	PASS
					VN	0.39	0.00047	PASS
					VH	-2.82	-0.00342	PASS
			MCH	TN	VL	-7.08	-0.00851	PASS
					VN	-0.09	-0.00011	PASS
					VH	-0.43	-0.00051	PASS
			HCH	TN	VL	0.14	0.00017	PASS
					VN	0.54	0.00064	PASS
					VH	-0.11	-0.00013	PASS
		3	LCH	TN	VL	-8.41	-0.01019	PASS
					VN	1.14	0.00138	PASS
					VH	-8.64	-0.01047	PASS
			MCH	TN	VL	-3.85	-0.0046	PASS
					VN	4.91	0.00587	PASS
					VH	2.62	0.00313	PASS
			HCH	TN	VL	2.07	0.00244	PASS
					VN	3.79	0.00447	PASS
					VH	-2.2	-0.0026	PASS
		5	LCH	TN	VL	-2.8	-0.00339	PASS
					VN	-2	-0.00242	PASS
					VH	-1.56	-0.00189	PASS
			MCH	TN	VL	0.21	0.00025	PASS
					VN	2.13	0.00255	PASS
					VH	1.16	0.00139	PASS
			HCH	TN	VL	-4.25	-0.00502	PASS
					VN	0.17	0.0002	PASS
					VH	-4.69	-0.00554	PASS
		10	LCH	TN	VL	-6.09	-0.00735	PASS
					VN	-14.91	-0.01799	PASS
					VH	-9	-0.01086	PASS
MCH	TN		VL	-196.9	-0.23539	PASS		
			VN	-108.36	-0.12954	PASS		
			VH	240.65	0.28769	PASS		
HCH	TN		VL	-5.76	-0.00682	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			LCH	TN	VN	-3.12	-0.0037	PASS	
					VH	-4.26	-0.00505	PASS	
					VL	-7.08	-0.00851	PASS	
			MCH	TN	VN	4.05	0.00487	PASS	
					VH	-11.96	-0.01438	PASS	
					VL	8.27	0.00989	PASS	
		HCH	TN	VN	27.59	0.03298	PASS		
				VH	33.5	0.04005	PASS		
				VL	9.26	0.011	PASS		
		LTE/TM2	1.4	LCH	TN	VL	-0.3	-0.00036	PASS
						VN	-0.83	-0.00101	PASS
						VH	-0.77	-0.00093	PASS
				MCH	TN	VL	-3.02	-0.00361	PASS
						VN	-0.74	-0.00088	PASS
						VH	-0.96	-0.00115	PASS
	HCH			TN	VL	-0.76	-0.0009	PASS	
					VN	-1.16	-0.00137	PASS	
					VH	-0.63	-0.00074	PASS	
	3		LCH	TN	VL	-5.12	-0.0062	PASS	
					VN	0.11	0.00013	PASS	
					VH	-5.62	-0.00681	PASS	
			MCH	TN	VL	1.96	0.00234	PASS	
					VN	3.33	0.00398	PASS	
					VH	-2.4	-0.00287	PASS	
	HCH		TN	VL	-1.17	-0.00138	PASS		
				VN	10.01	0.01181	PASS		
		VH		-6.72	-0.00793	PASS			
	5	LCH	TN	VL	-3.19	-0.00386	PASS		
				VN	5.95	0.0072	PASS		
				VH	-9.53	-0.01153	PASS		
		MCH	TN	VL	-3.83	-0.00458	PASS		
				VN	1.26	0.00151	PASS		
				VH	2.69	0.00322	PASS		
		HCH	TN	VL	0.24	0.00028	PASS		
				VN	0.93	0.0011	PASS		
				VH	-5.51	-0.00651	PASS		
	10	LCH	TN	VL	-5.98	-0.00721	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.39	-0.00288	PASS
					VH	5.18	0.00625	PASS
					VL	79.61	0.09517	PASS
			MCH	TN	VN	-481.97	-0.57617	PASS
					VH	-170	-0.20323	PASS
					VL	-4.68	-0.00555	PASS
			HCH	TN	VN	-15.52	-0.01839	PASS
					VH	1.6	0.0019	PASS
					VL	-5.25	-0.00631	PASS
		15	LCH	TN	VN	6.25	0.00752	PASS
					VH	2.09	0.00251	PASS
					VL	-164.74	-0.19694	PASS
			MCH	TN	VN	-13.66	-0.01633	PASS
					VH	-13.68	-0.01635	PASS
					VL	-3.46	-0.00411	PASS
			HCH	TN	VN	-4.15	-0.00493	PASS
					VH	-1.87	-0.00222	PASS
					VL	-3.46	-0.00411	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
BAND26	LTE/TM1	1.4	LCH	VN	-30	10.69	0.01296	PASS
					-20	-0.33	-0.0004	PASS
					-10	-11.57	-0.01403	PASS
					0	-11.93	-0.01447	PASS
					10	-0.26	-0.00032	PASS
					20	-0.23	-0.00028	PASS
					30	2.53	0.00307	PASS
					40	0.23	0.00028	PASS
			MCH	VN	50	5.12	0.00621	PASS
					-30	-0.9	-0.00108	PASS
					-20	-1.02	-0.00122	PASS
					-10	-0.76	-0.00091	PASS
					0	-0.41	-0.00049	PASS
					10	-6.12	-0.00732	PASS
					20	-0.97	-0.00116	PASS
					30	3.92	0.00469	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.9	-0.00108	PASS
					50	-0.4	-0.00048	PASS
			HCH	VN	-30	0.06	0.00007	PASS
					-20	0.21	0.00025	PASS
					-10	0.09	0.00011	PASS
					0	0.16	0.00019	PASS
					10	0.5	0.00059	PASS
					20	-0.26	-0.00031	PASS
					30	0	0	PASS
					40	-0.16	-0.00019	PASS
					50	-0.84	-0.00099	PASS
					3	LCH	VN	-30
		-20	-5.44	-0.00659				PASS
		-10	53.3	0.06457				PASS
		0	21.84	0.02646				PASS
		10	61.28	0.07423				PASS
		20	50.81	0.06155				PASS
		30	-13.18	-0.01597				PASS
		40	17.37	0.02104				PASS
		50	-5.87	-0.00711		PASS		
		MCH	VN	-30		2.13	0.00255	PASS
				-20		1.22	0.00146	PASS
				-10		1.5	0.00179	PASS
				0		2.7	0.00323	PASS
				10		-2.37	-0.00283	PASS
				20		0.94	0.00112	PASS
				30		3.62	0.00433	PASS
				40		-4.45	-0.00532	PASS
		50	5.68	0.00679		PASS		
		HCH	VN	-30	2.69	0.00317	PASS	
				-20	21.33	0.02517	PASS	
				-10	-8.65	-0.01021	PASS	
				0	0.49	0.00058	PASS	
10	-1.3			-0.00153	PASS			
20	2.63			0.0031	PASS			
30	1.92			0.00227	PASS			
40	-3.25			-0.00383	PASS			
50	10.57	0.01247	PASS					
5	LCH	VN	-30	-3.79	-0.00459	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		10			-20	-1.34	-0.00162	PASS	
					-10	-0.97	-0.00117	PASS	
					0	-7.34	-0.00888	PASS	
					10	-3.71	-0.00449	PASS	
					20	-0.77	-0.00093	PASS	
					30	0.36	0.00044	PASS	
					40	0.24	0.00029	PASS	
					50	1.75	0.00212	PASS	
			MCH	VN	-30	-0.77	-0.00092	PASS	
					-20	-1.76	-0.0021	PASS	
					-10	-5.09	-0.00608	PASS	
					0	0.26	0.00031	PASS	
					10	-1.23	-0.00147	PASS	
					20	-7	-0.00837	PASS	
					30	-5.29	-0.00632	PASS	
					40	-3.83	-0.00458	PASS	
			HCH	VN	-30	9.63	0.01138	PASS	
					-20	-4.22	-0.00499	PASS	
					-10	-6.27	-0.00741	PASS	
					0	2.82	0.00333	PASS	
					10	-3.78	-0.00447	PASS	
					20	-5.91	-0.00698	PASS	
					30	3.18	0.00376	PASS	
					40	4.96	0.00586	PASS	
			10	LCH	VN	-30	-9.16	-0.01105	PASS
						-20	8.53	0.01029	PASS
						-10	13.05	0.01574	PASS
						0	12.69	0.01531	PASS
		10				3.76	0.00454	PASS	
		20				-16.06	-0.01937	PASS	
		30				-5.45	-0.00657	PASS	
		40				-1.36	-0.00164	PASS	
		50		27.29	0.03292	PASS			
		MCH		VN	-30	317.2	0.3792	PASS	
					-20	293.9	0.35134	PASS	
					-10	-0.53	-0.00063	PASS	
			0		-35.85	-0.04286	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.19	-0.00023	PASS
					20	506.47	0.60546	PASS
					30	-0.31	-0.00037	PASS
					40	-0.1	-0.00012	PASS
					50	376.47	0.45005	PASS
			HCH	VN	-30	-1.86	-0.0022	PASS
					-20	-8.53	-0.01011	PASS
					-10	3.45	0.00409	PASS
					0	-5.61	-0.00665	PASS
					10	-2.29	-0.00271	PASS
					20	-8.17	-0.00968	PASS
					30	-1.19	-0.00141	PASS
					40	-2.46	-0.00291	PASS
					50	-9.38	-0.01111	PASS
			LCH	VN	-30	-6.55	-0.00788	PASS
					-20	6.42	0.00772	PASS
					-10	-21.11	-0.02539	PASS
					0	-8.71	-0.01048	PASS
		10			3.56	0.00428	PASS	
		20			-5.97	-0.00718	PASS	
		30			-5.72	-0.00688	PASS	
		40			-5.88	-0.00707	PASS	
		50			-13.28	-0.01597	PASS	
		MCH	VN	-30	38.65	0.0462	PASS	
				-20	41.23	0.04929	PASS	
				-10	96.72	0.11562	PASS	
				0	83.5	0.09982	PASS	
				10	138.16	0.16516	PASS	
				20	-7.7	-0.00921	PASS	
				30	61.66	0.07371	PASS	
				40	70.9	0.08476	PASS	
				50	40.4	0.0483	PASS	
		HCH	VN	-30	-8.25	-0.0098	PASS	
				-20	-10.87	-0.01292	PASS	
				-10	-3.26	-0.00387	PASS	
				0	-6.52	-0.00775	PASS	
10	-8.03			-0.00954	PASS			
20	-7.68			-0.00913	PASS			
30	-9.7			-0.01153	PASS			
15								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	40	-7.64	-0.00908	PASS
					50	-11.79	-0.01401	PASS
					-30	-0.72	-0.00087	PASS
					-20	-0.21	-0.00025	PASS
					-10	-1.56	-0.00189	PASS
					0	-7.37	-0.00894	PASS
					10	-0.34	-0.00041	PASS
					20	0	0	PASS
					30	-1.5	-0.00182	PASS
			40	7.81	0.00947	PASS		
			50	-0.5	-0.00061	PASS		
			MCH	VN	-30	-0.29	-0.00035	PASS
					-20	0.19	0.00023	PASS
					-10	0.16	0.00019	PASS
					0	-0.63	-0.00075	PASS
					10	0.64	0.00077	PASS
					20	-0.56	-0.00067	PASS
					30	0.07	0.00008	PASS
		40			-0.03	-0.00004	PASS	
		50			-0.13	-0.00016	PASS	
		HCH	VN	-30	-0.34	-0.0004	PASS	
				-20	-0.11	-0.00013	PASS	
				-10	-0.09	-0.00011	PASS	
				0	-1.04	-0.00123	PASS	
				10	0.06	0.00007	PASS	
				20	-1.06	-0.00125	PASS	
				30	-0.66	-0.00078	PASS	
				40	-0.26	-0.00031	PASS	
				50	-0.26	-0.00031	PASS	
		3	LCH	VN	-30	5.59	0.00677	PASS
					-20	8.94	0.01083	PASS
					-10	10.7	0.01296	PASS
0	25.95				0.03144	PASS		
10	3.85				0.00466	PASS		
20	7.5				0.00909	PASS		
30	-9.44				-0.01144	PASS		
40	24.12				0.02922	PASS		
50	5.06				0.00613	PASS		
MCH	VN		-30	-0.47	-0.00056	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.02	-0.00122	PASS		
					-10	-2.96	-0.00354	PASS		
					0	2.63	0.00314	PASS		
					10	-8.53	-0.0102	PASS		
					20	0.41	0.00049	PASS		
					30	-0.4	-0.00048	PASS		
					40	3.15	0.00377	PASS		
					50	-0.23	-0.00027	PASS		
			HCH	VN	-30	-1.39	-0.00164	PASS		
					-20	-2.16	-0.00255	PASS		
					-10	-2.35	-0.00277	PASS		
					0	2.16	0.00255	PASS		
					10	5.69	0.00671	PASS		
					20	4.28	0.00505	PASS		
					30	3.78	0.00446	PASS		
					40	0.31	0.00037	PASS		
			LCH	VN	-30	-6.84	-0.00828	PASS		
					-20	3.46	0.00419	PASS		
					-10	-15.55	-0.01881	PASS		
					0	1.13	0.00137	PASS		
		10			-1.1	-0.00133	PASS			
		20			2.16	0.00261	PASS			
		30			3.2	0.00387	PASS			
		40			-21.2	-0.02565	PASS			
		MCH	VN	-30	-1.1	-0.00132	PASS			
				-20	-1.97	-0.00236	PASS			
				-10	-4.94	-0.00591	PASS			
				0	-2.89	-0.00345	PASS			
				10	1.73	0.00207	PASS			
				20	-0.82	-0.00098	PASS			
				30	-3.12	-0.00373	PASS			
				40	0.24	0.00029	PASS			
		HCH	VN	-30	-4.11	-0.00486	PASS			
				-20	-5.09	-0.00601	PASS			
				-10	2.05	0.00242	PASS			
				0	0.66	0.00078	PASS			
		5					-30	-6.84	-0.00828	PASS
							-20	3.46	0.00419	PASS
							-10	-15.55	-0.01881	PASS
							0	1.13	0.00137	PASS
10	-1.1						-0.00133	PASS		
20	2.16						0.00261	PASS		
30	3.2						0.00387	PASS		
40	-21.2						-0.02565	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-0.44	-0.00052	PASS		
					20	-5.74	-0.00678	PASS		
					30	16.38	0.01935	PASS		
					40	-21.72	-0.02566	PASS		
					50	-1.36	-0.00161	PASS		
		10	LCH	VN	-30	7.32	0.00883	PASS		
					-20	2.59	0.00312	PASS		
					-10	-4.22	-0.00509	PASS		
					0	6.47	0.0078	PASS		
					10	3.45	0.00416	PASS		
					20	-2.98	-0.00359	PASS		
					30	-17.81	-0.02148	PASS		
					40	6.35	0.00766	PASS		
					50	-3.08	-0.00372	PASS		
					MCH	VN	-30	-210.99	-0.25223	PASS
							-20	-238.68	-0.28533	PASS
							-10	-0.06	-0.00007	PASS
			0	-320.11			-0.38268	PASS		
			10	0.06			0.00007	PASS		
			20	-0.24			-0.00029	PASS		
			30	-0.34			-0.00041	PASS		
			40	-151.85			-0.18153	PASS		
			HCH	VN	-30	14.68	0.01739	PASS		
					-20	10.51	0.01245	PASS		
					-10	-13.07	-0.01549	PASS		
					0	1.56	0.00185	PASS		
					10	-0.16	-0.00019	PASS		
					20	-1.77	-0.0021	PASS		
					30	0.9	0.00107	PASS		
		40			-7	-0.00829	PASS			
		15	LCH	VN	-30	-13.6	-0.01636	PASS		
					-20	17.32	0.02083	PASS		
					-10	-15.06	-0.01811	PASS		
0	35.06				0.04216	PASS				
10	-20.67				-0.02486	PASS				
20	-28.47				-0.03424	PASS				
30	3.1				0.00373	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	10.23	0.0123	PASS
					50	8.78	0.01056	PASS
			MCH	VN	-30	-11.12	-0.01329	PASS
					-20	-96.43	-0.11528	PASS
					-10	5.62	0.00672	PASS
					0	-87.96	-0.10515	PASS
					10	-190.93	-0.22825	PASS
					20	6.21	0.00742	PASS
					30	-121.02	-0.14467	PASS
					40	-84.46	-0.10097	PASS
					50	-113.55	-0.13574	PASS
					HCH	VN	-30	-3.13
			-20	-2.07			-0.00246	PASS
			-10	-6.44			-0.00765	PASS
			0	1.53			0.00182	PASS
			10	-0.59			-0.0007	PASS
			20	-3			-0.00357	PASS
			30	-3.68			-0.00437	PASS
			40	0.7			0.00083	PASS
			50	-1.14	-0.00135	PASS		

END