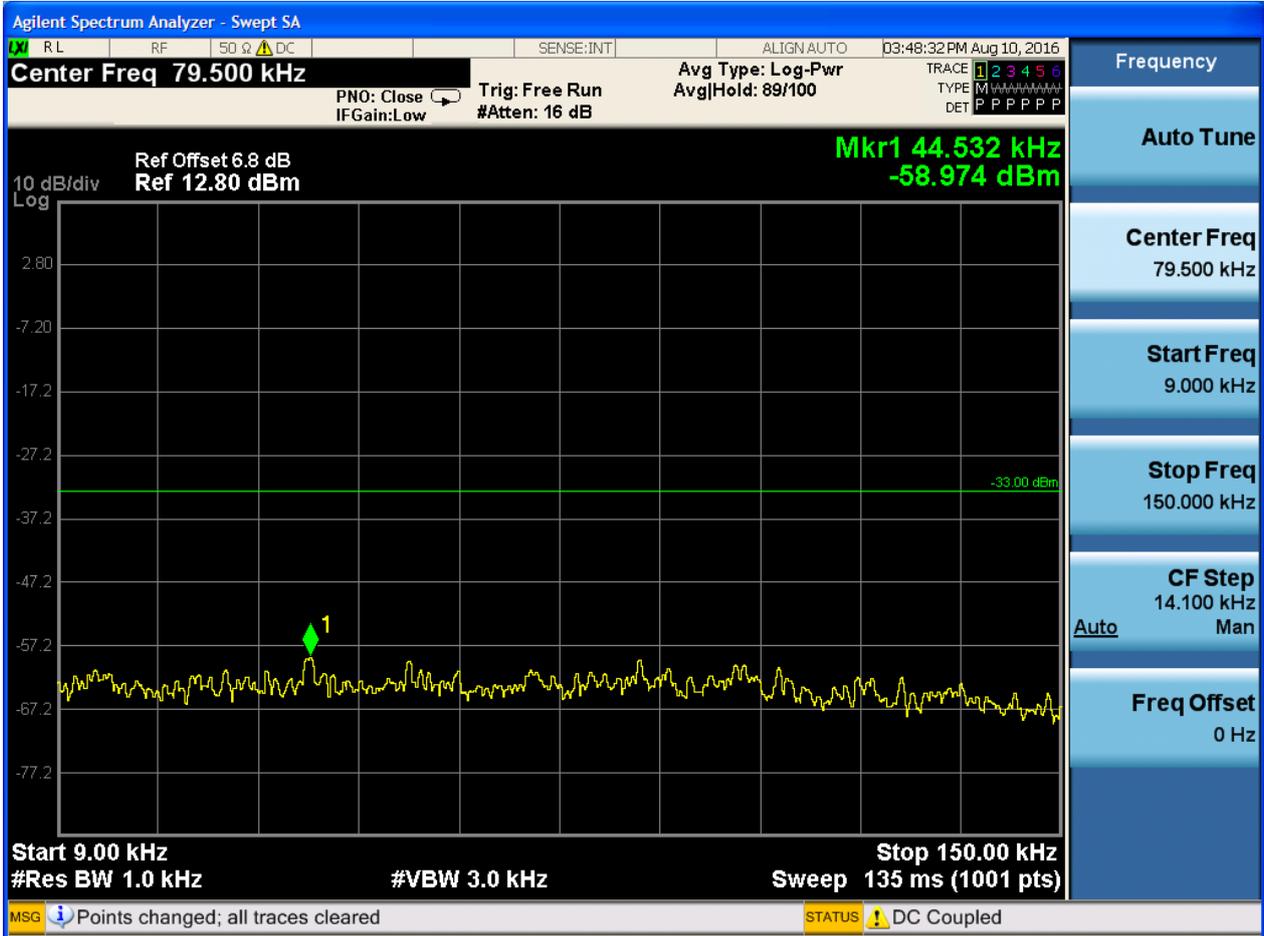
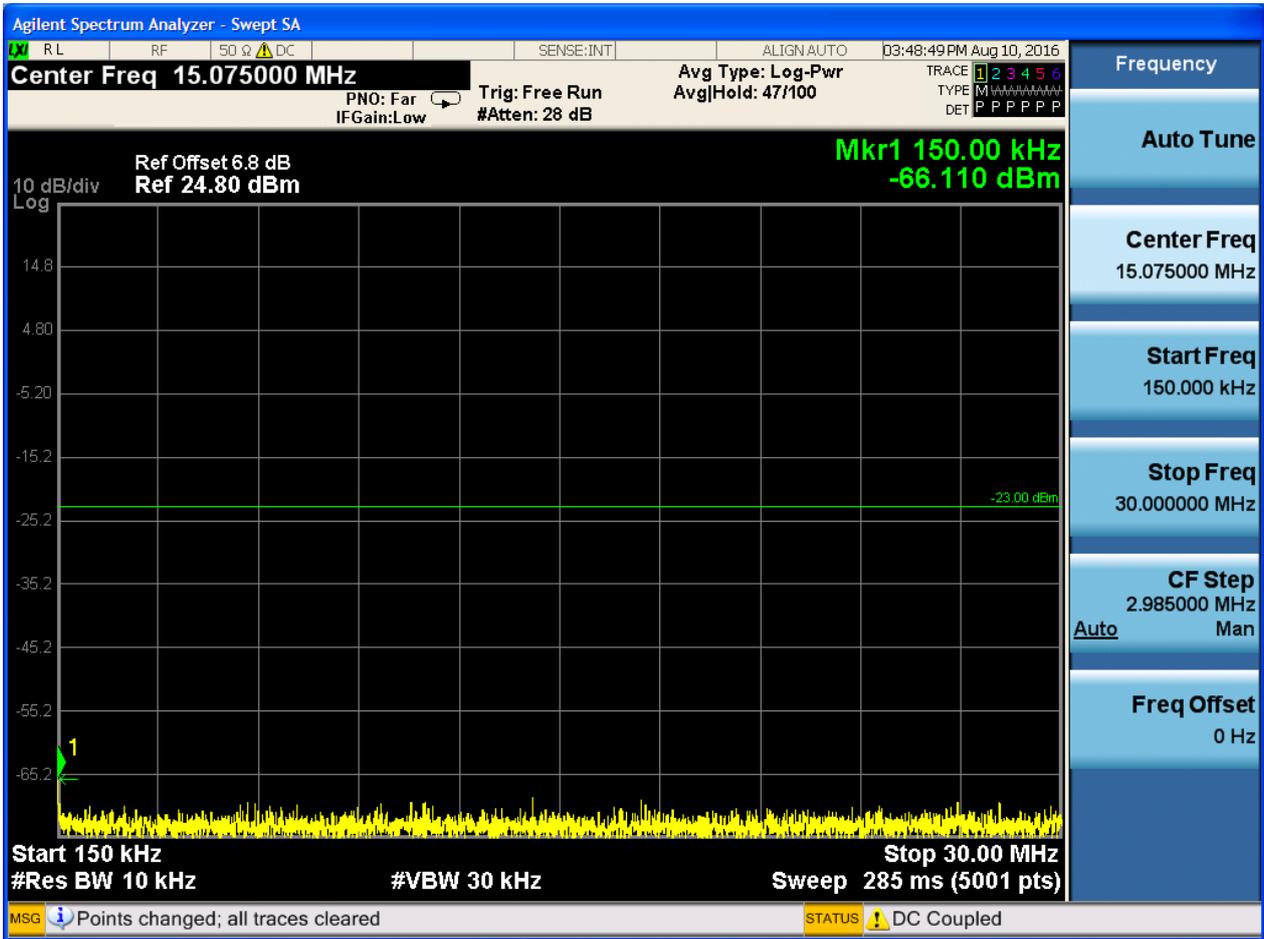


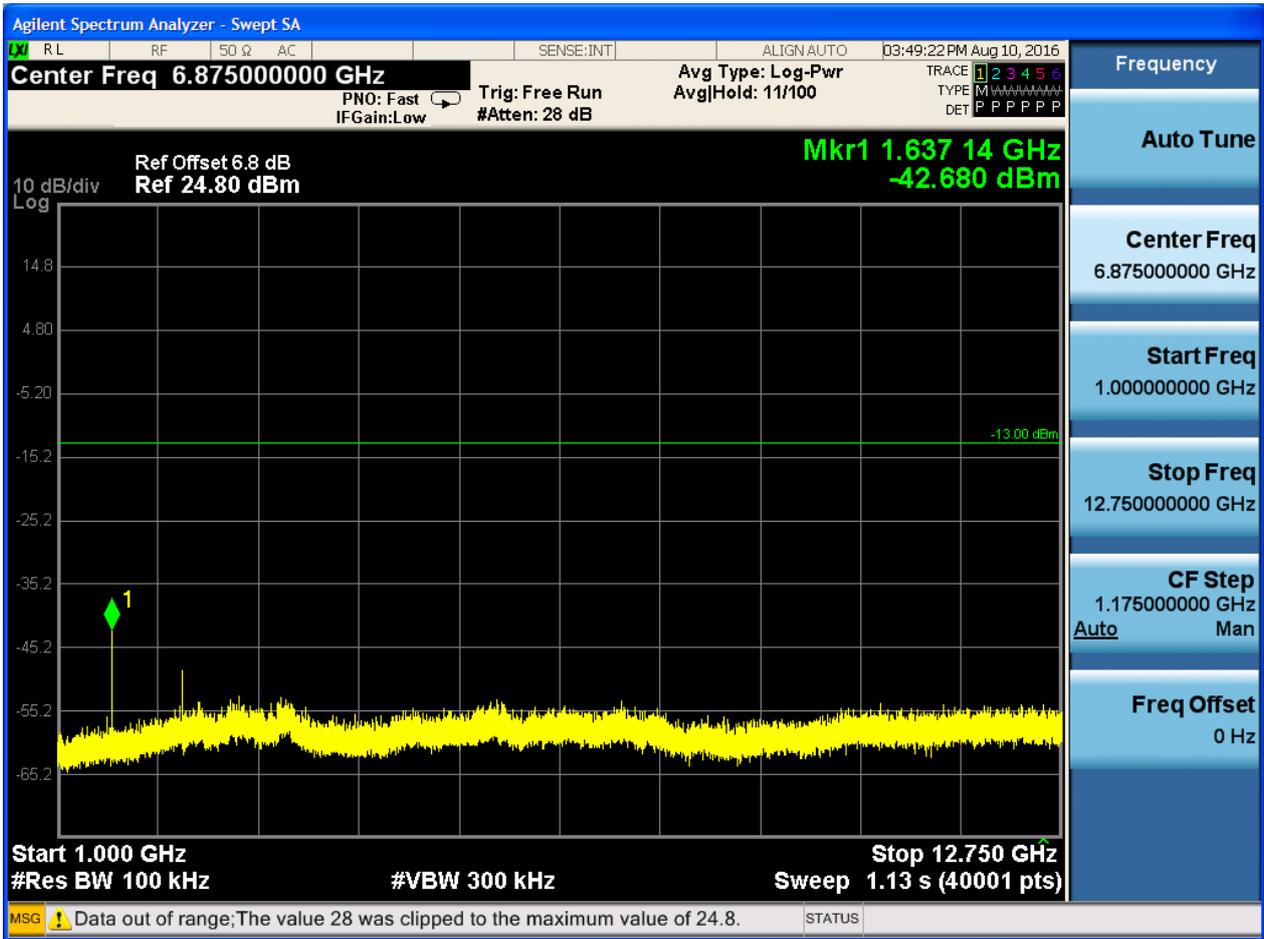


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



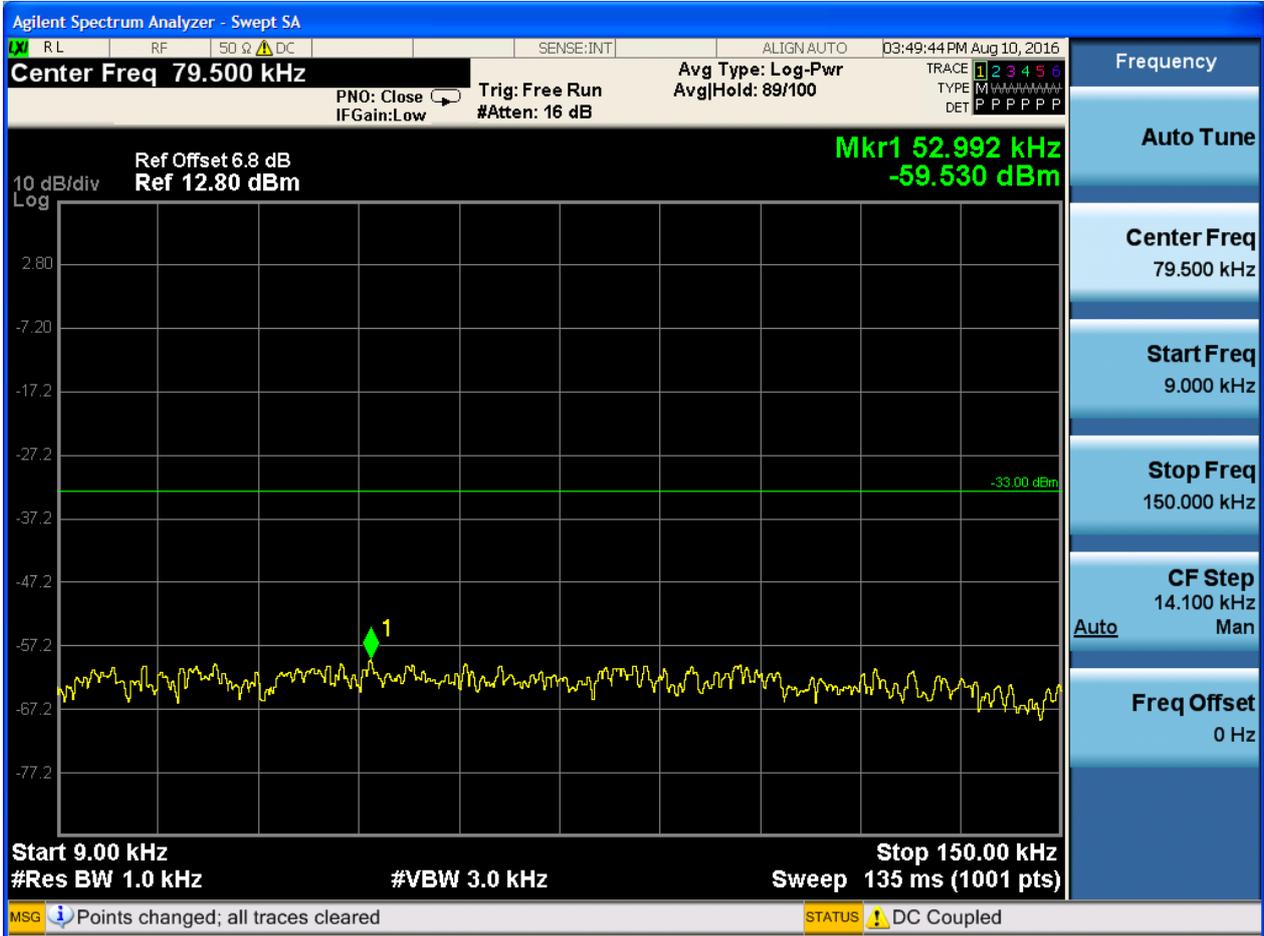




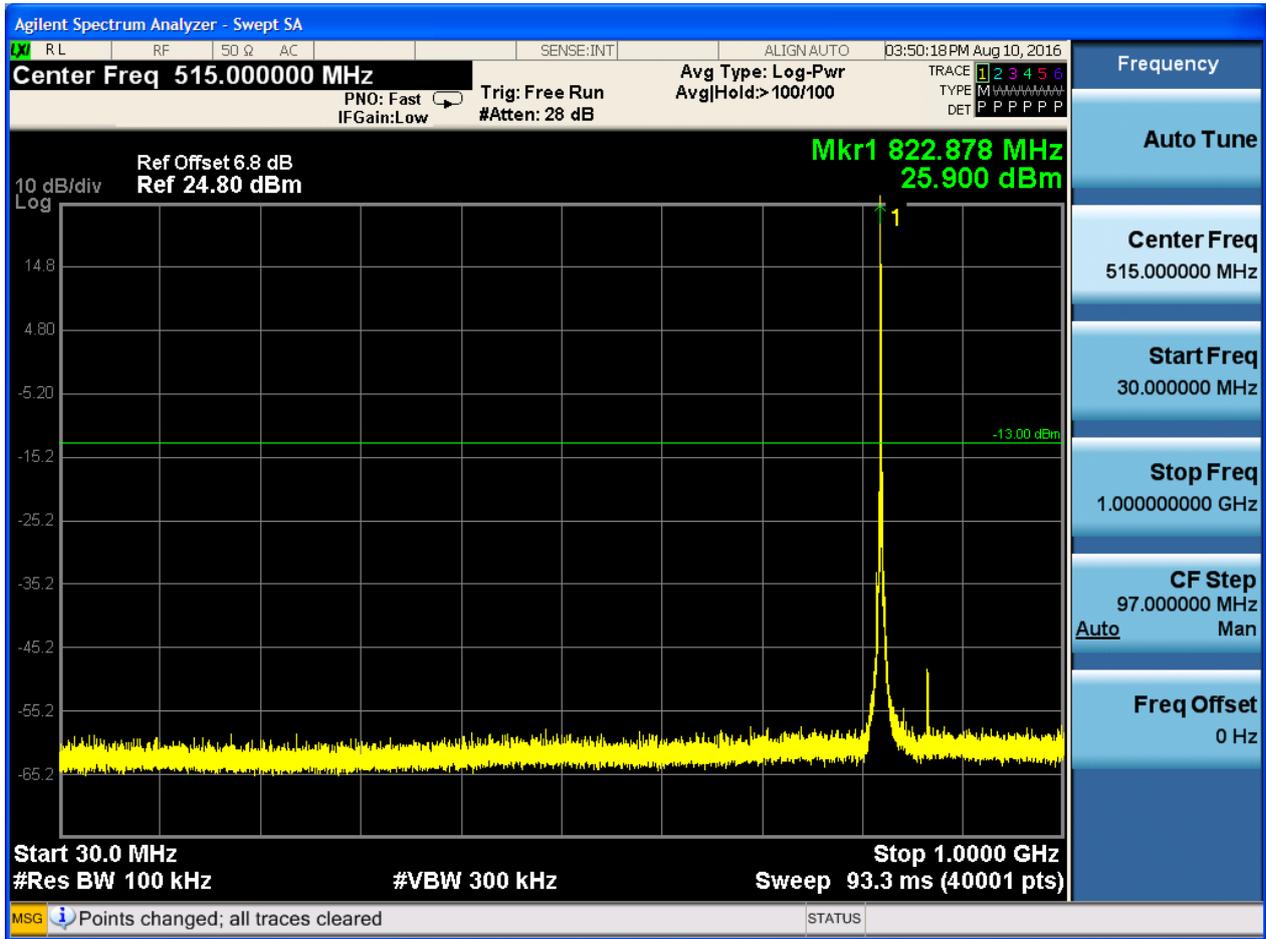


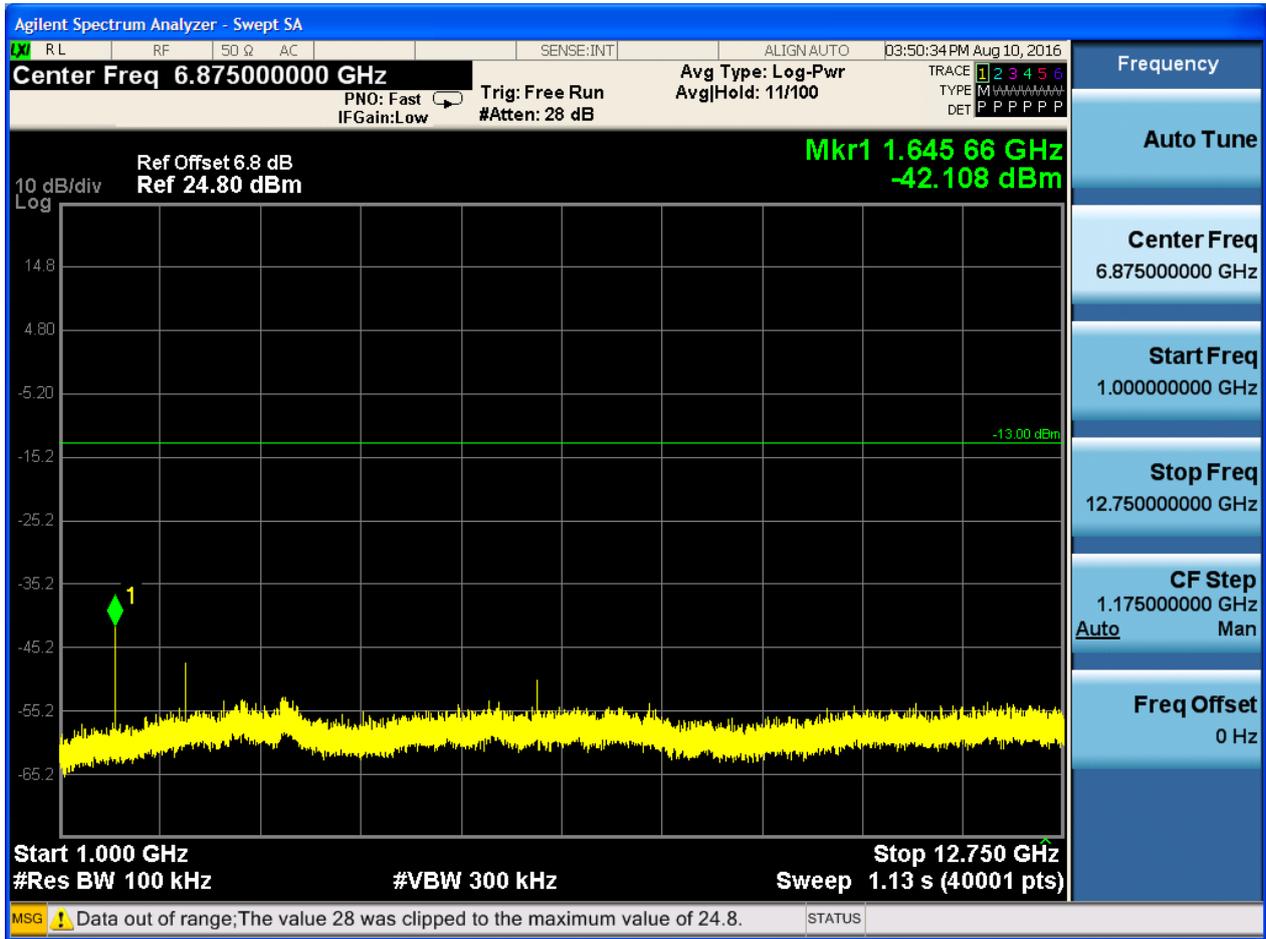
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







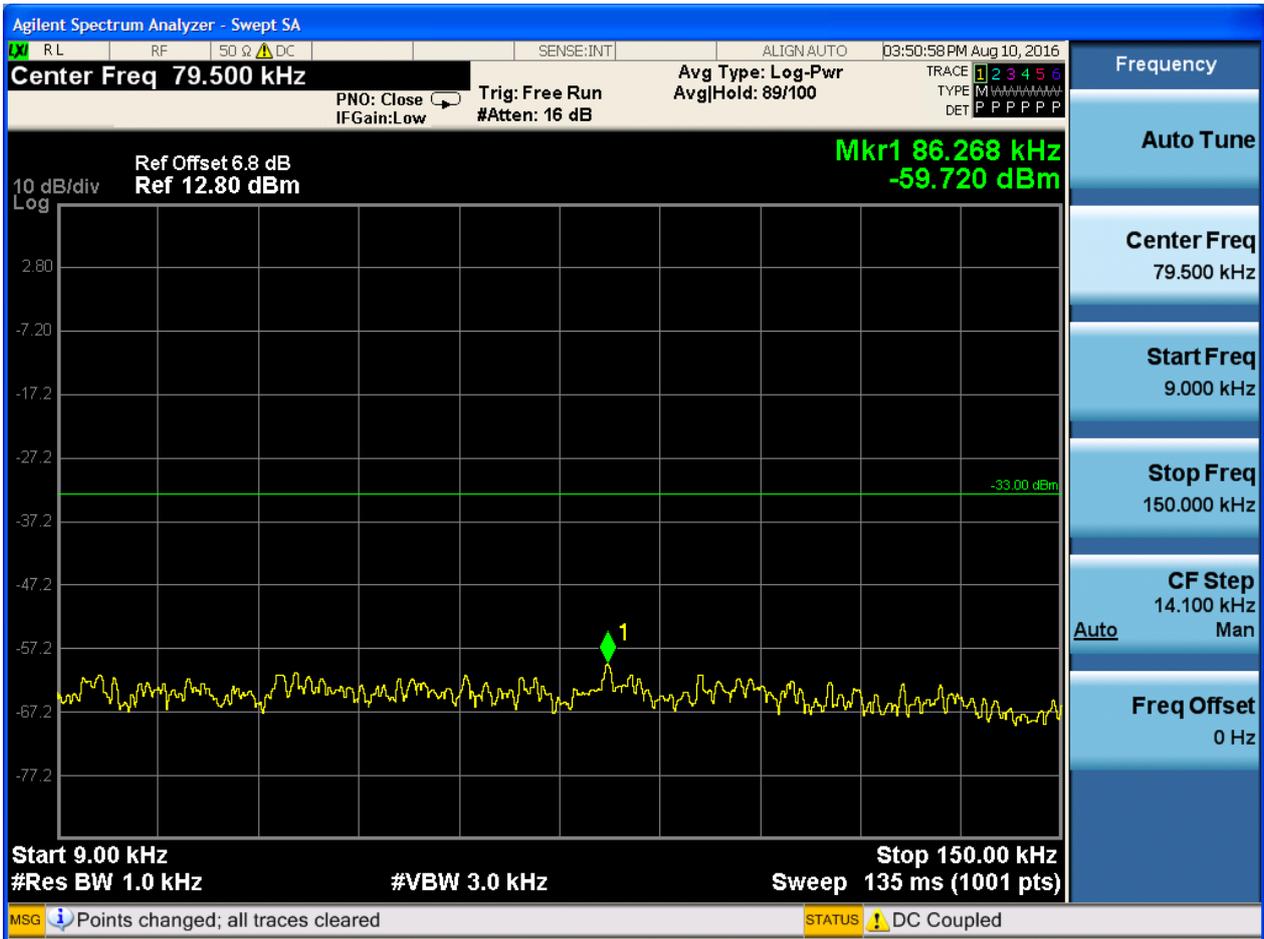


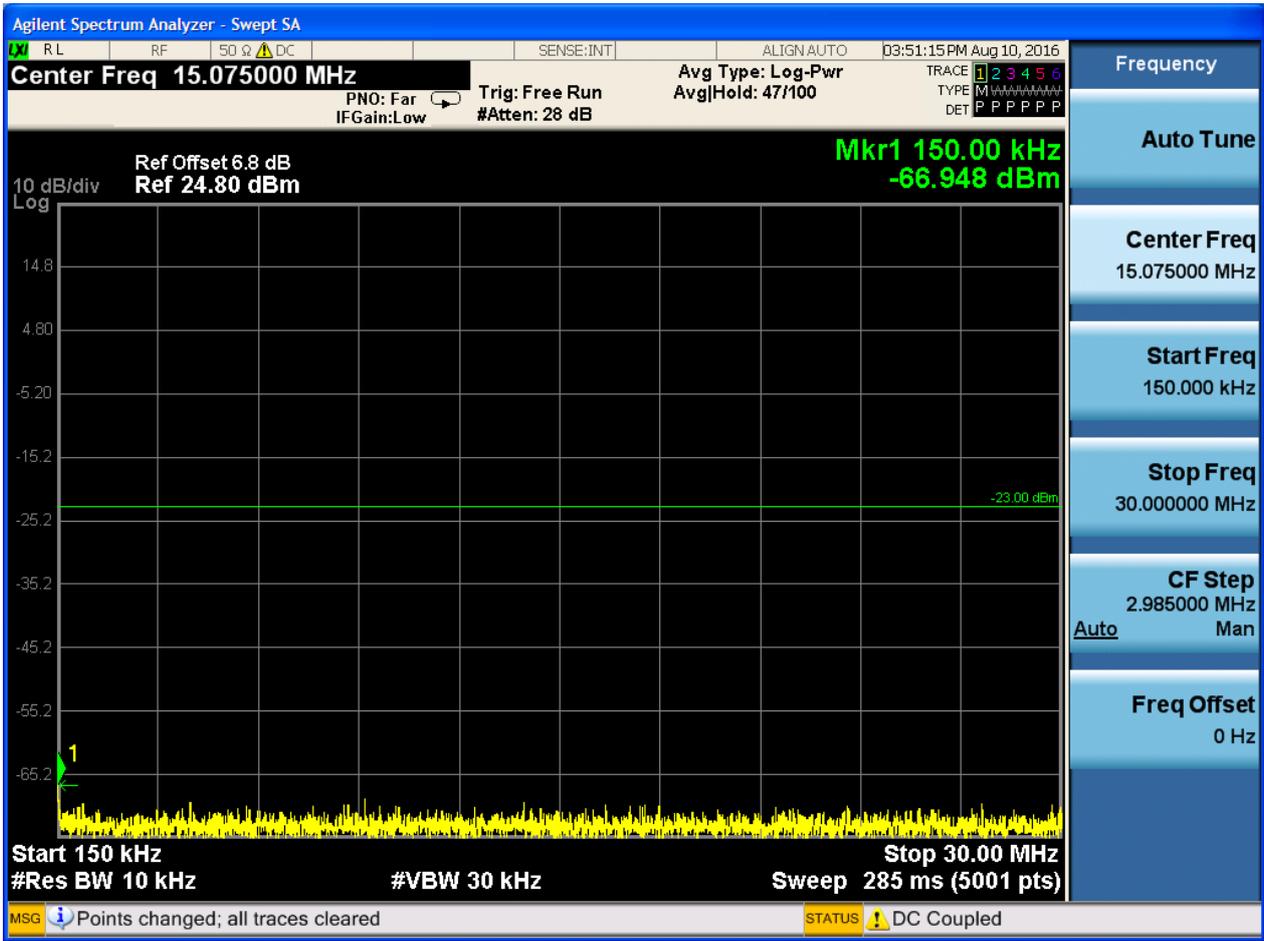


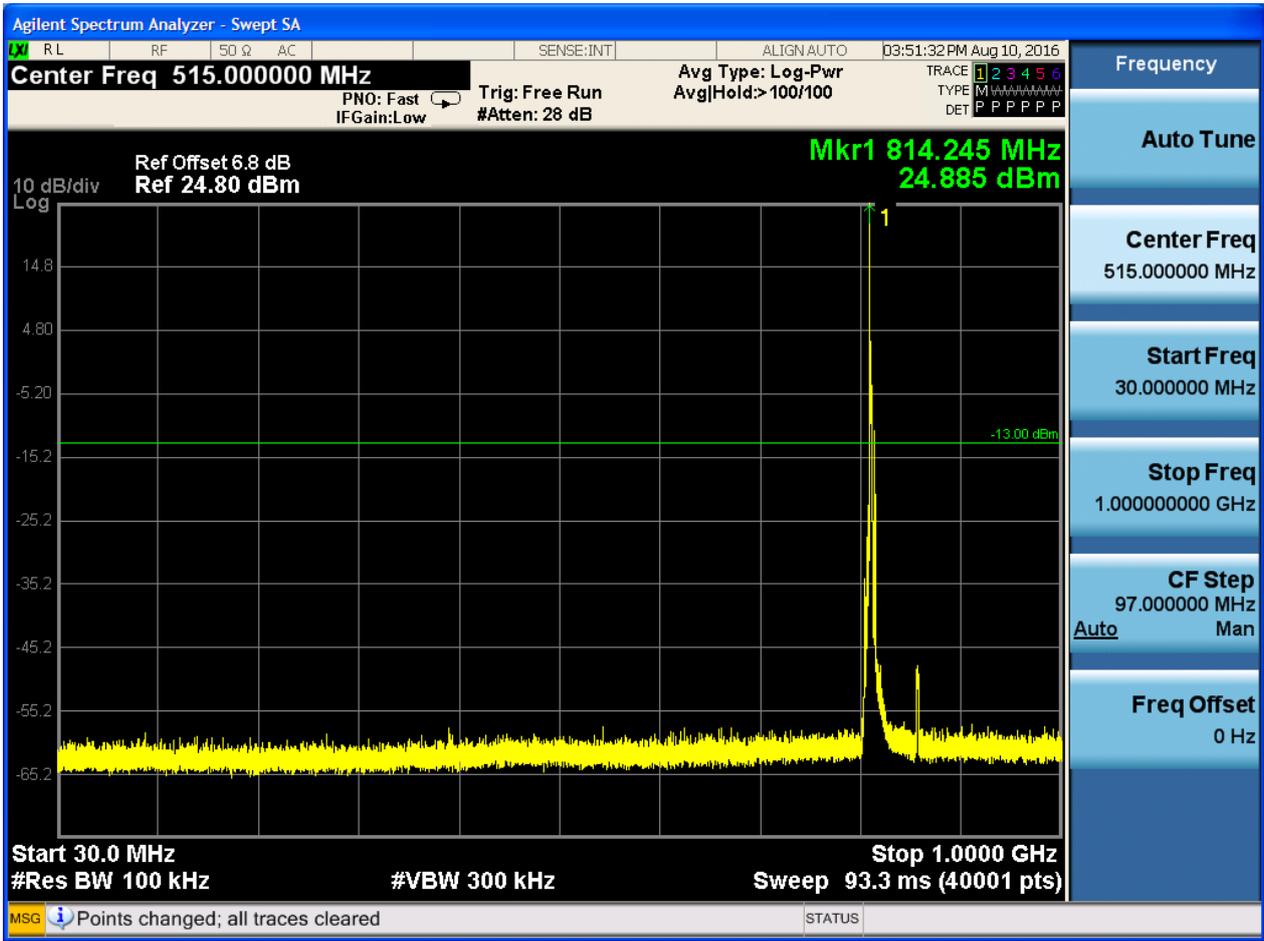
6.1.1.2.2 Test Bandwidth = 3

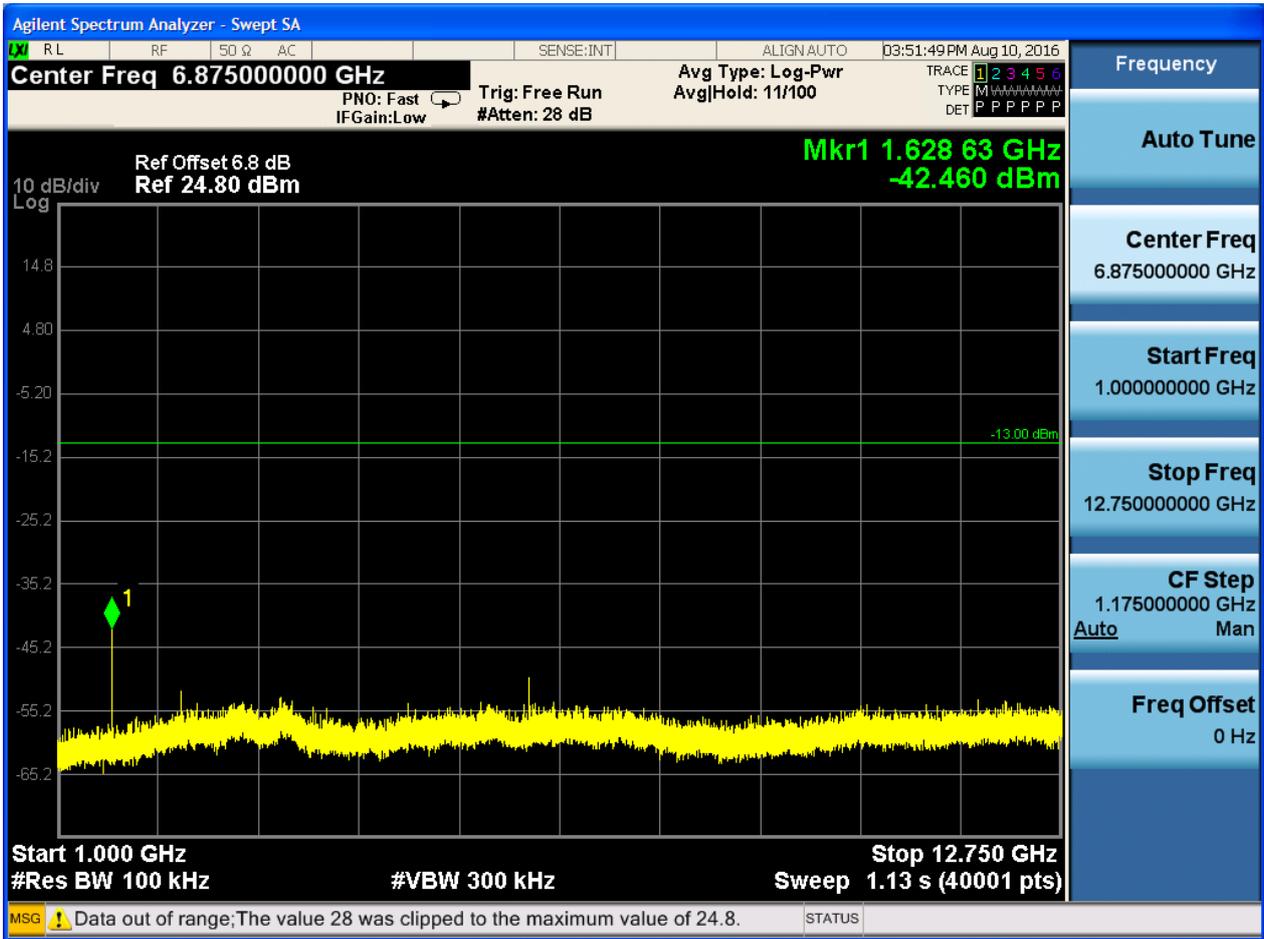
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





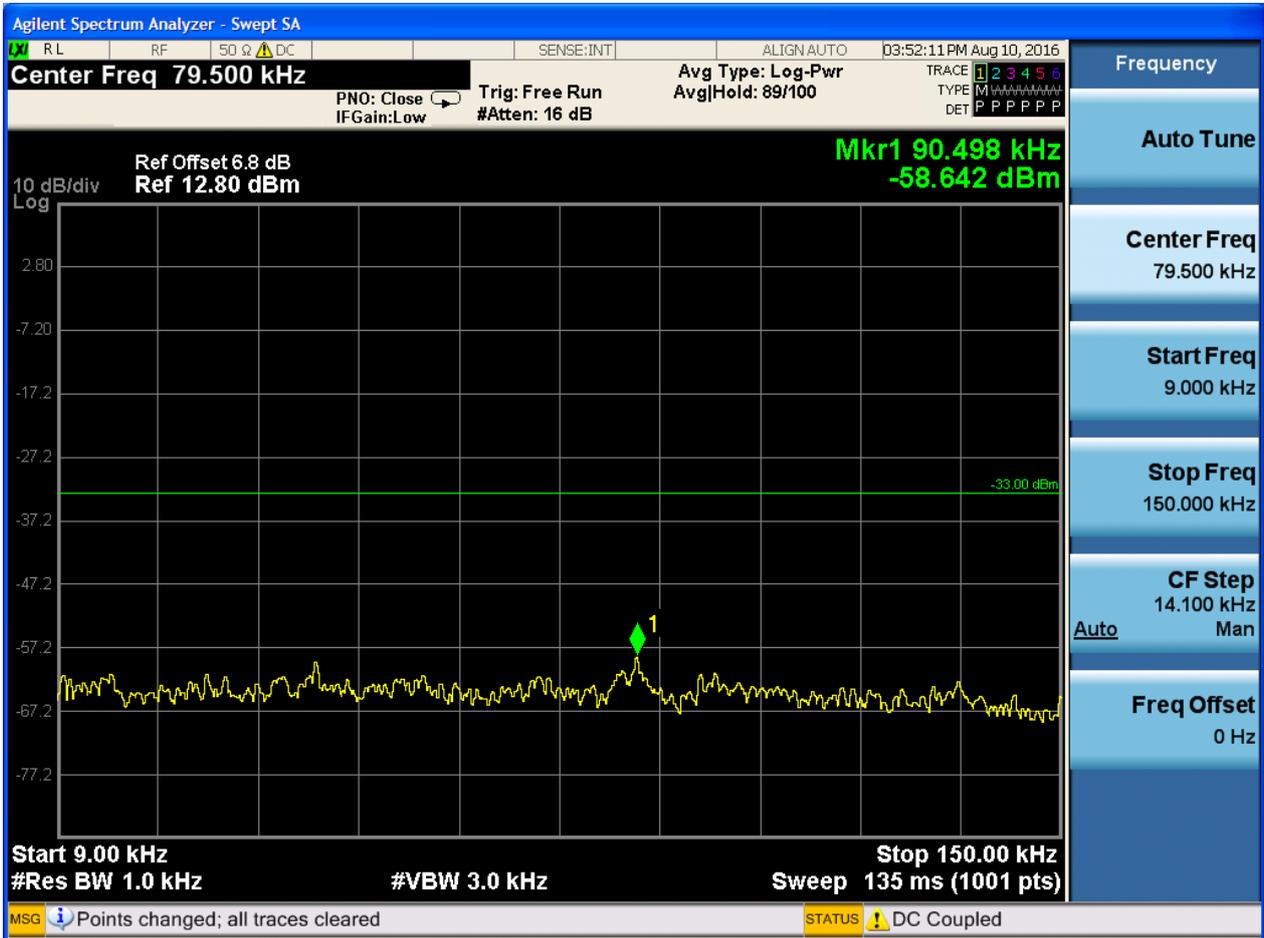


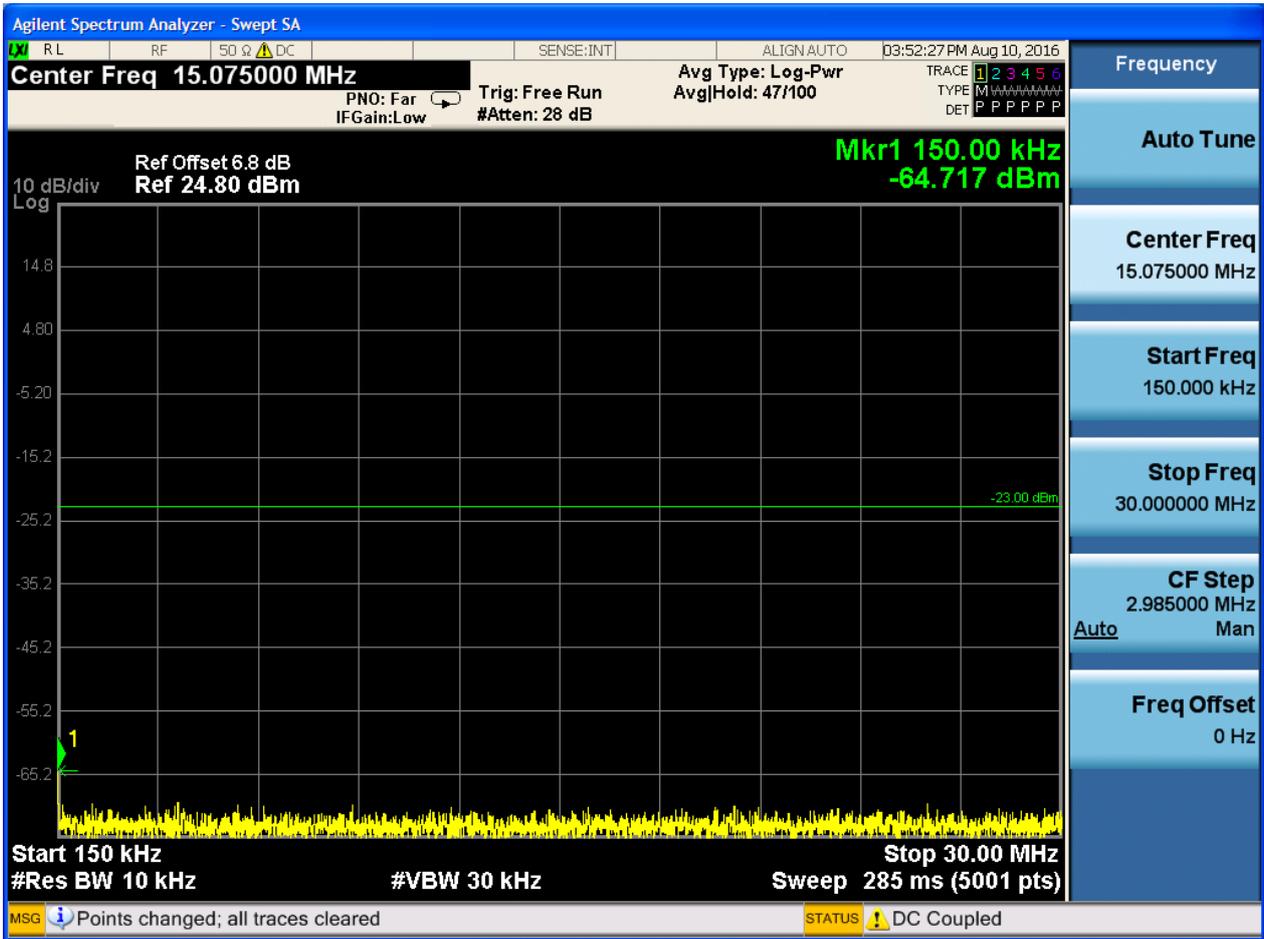


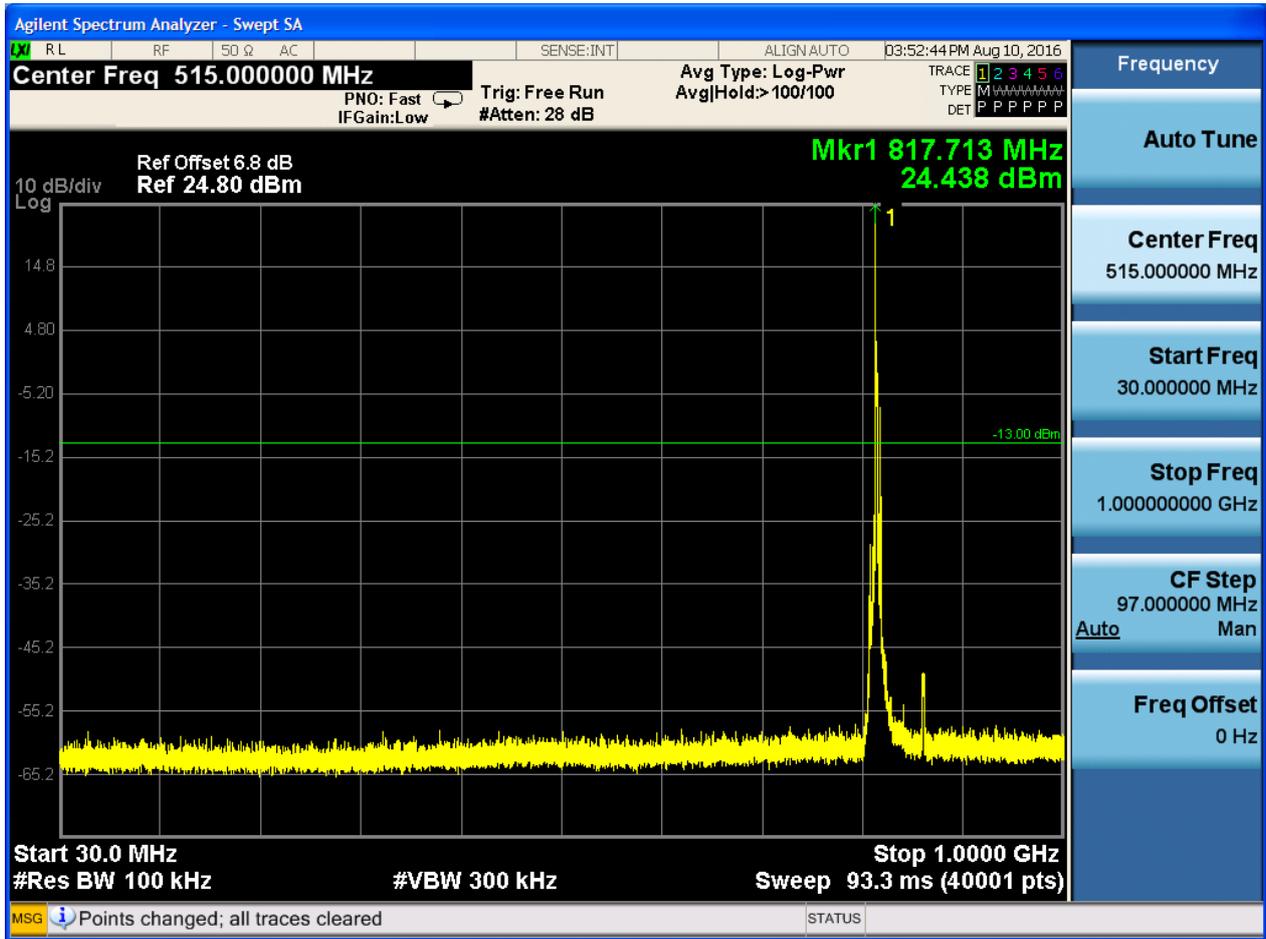


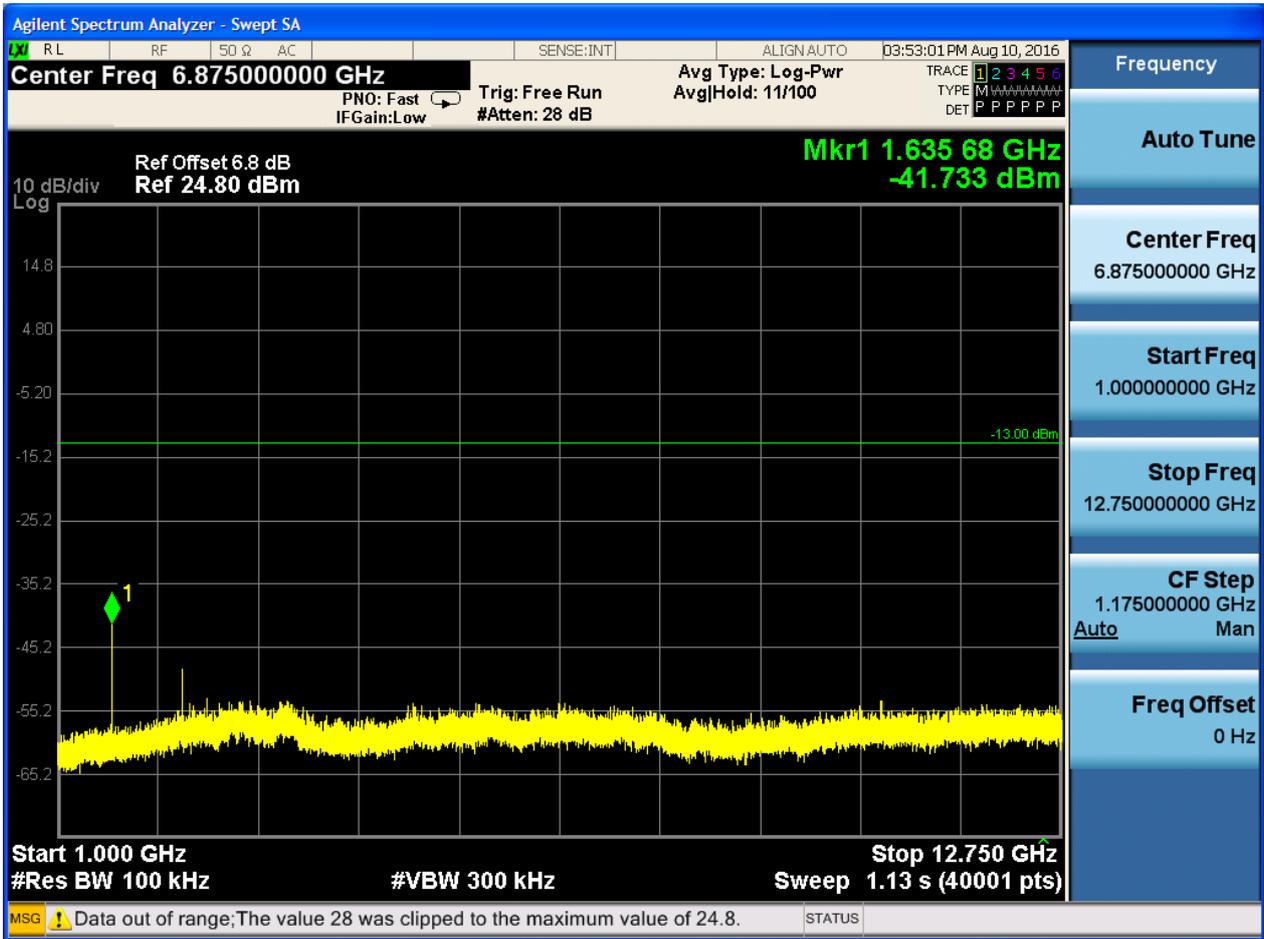
6.1.1.2.2.2 Test Channel = MCH

6.1.1.2.2.2.1 Test RB = RB1#0





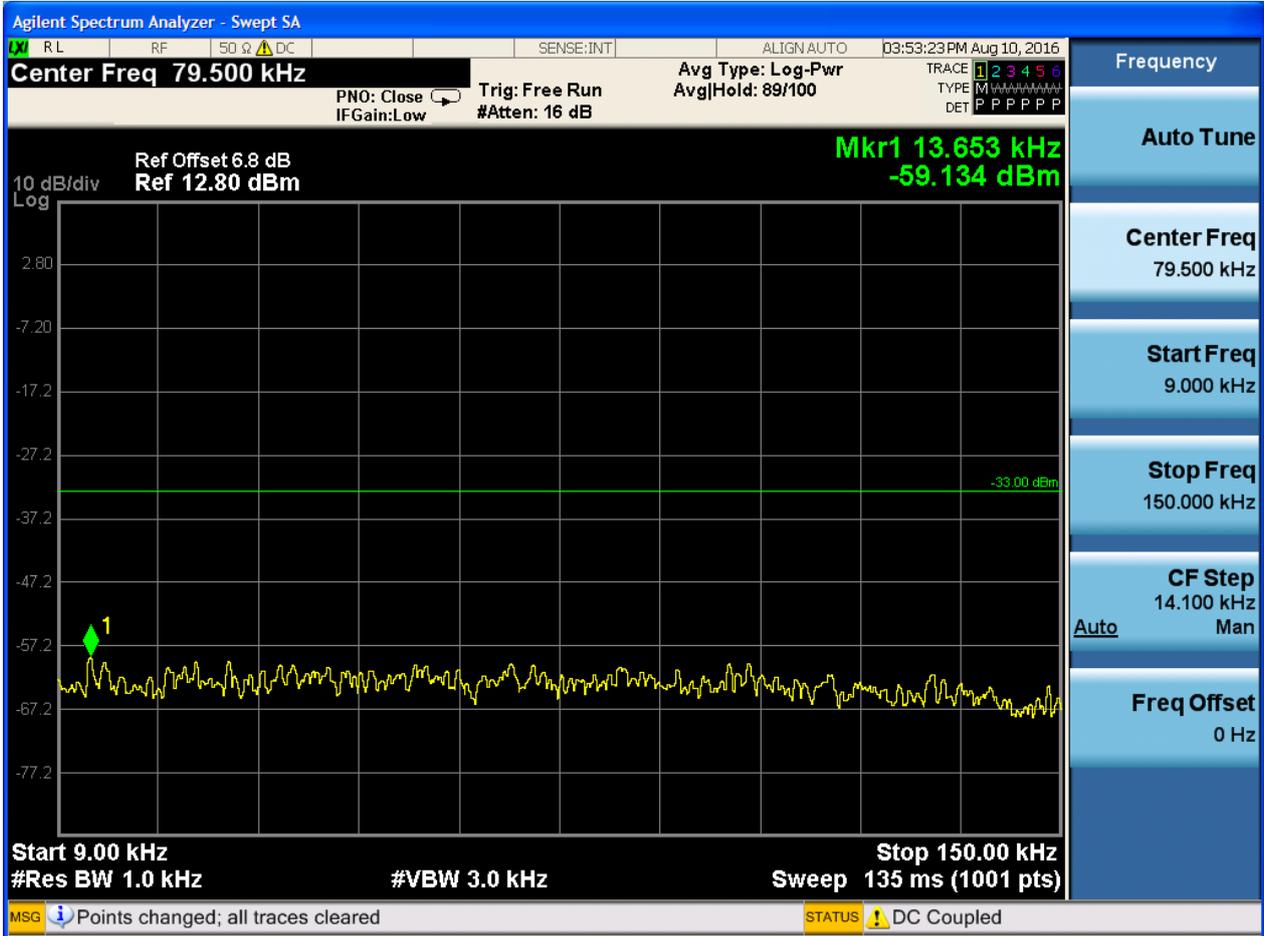


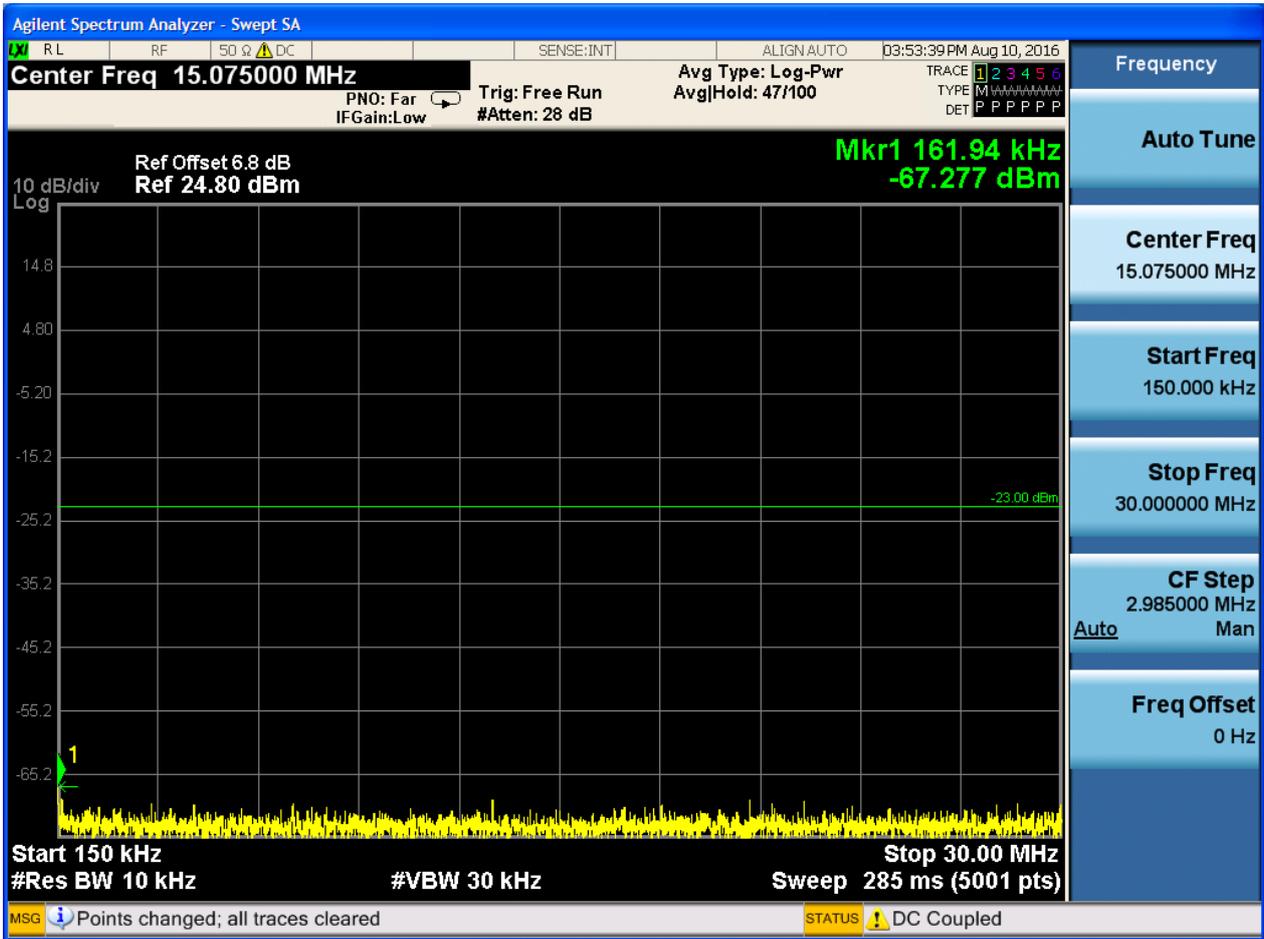


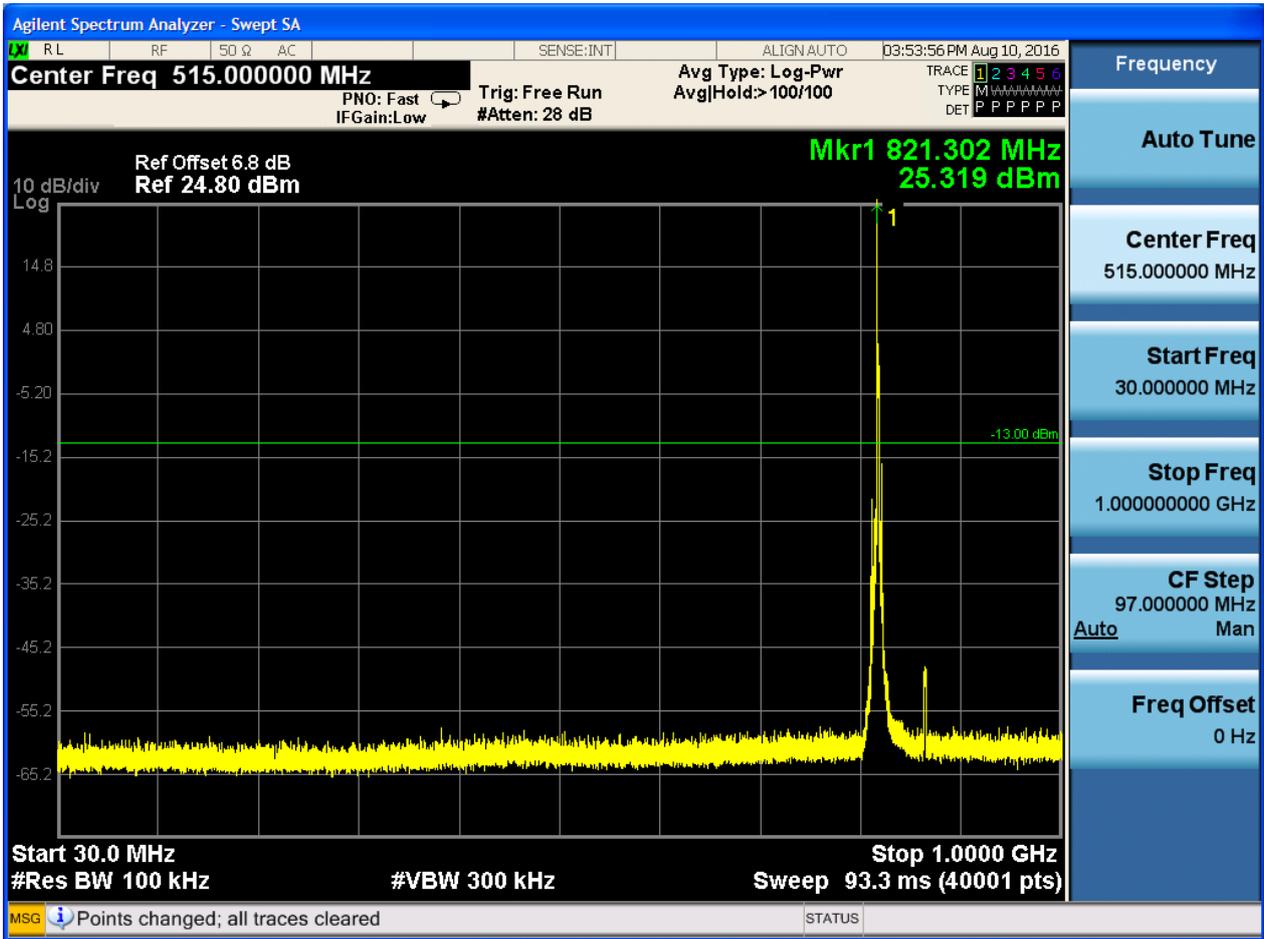


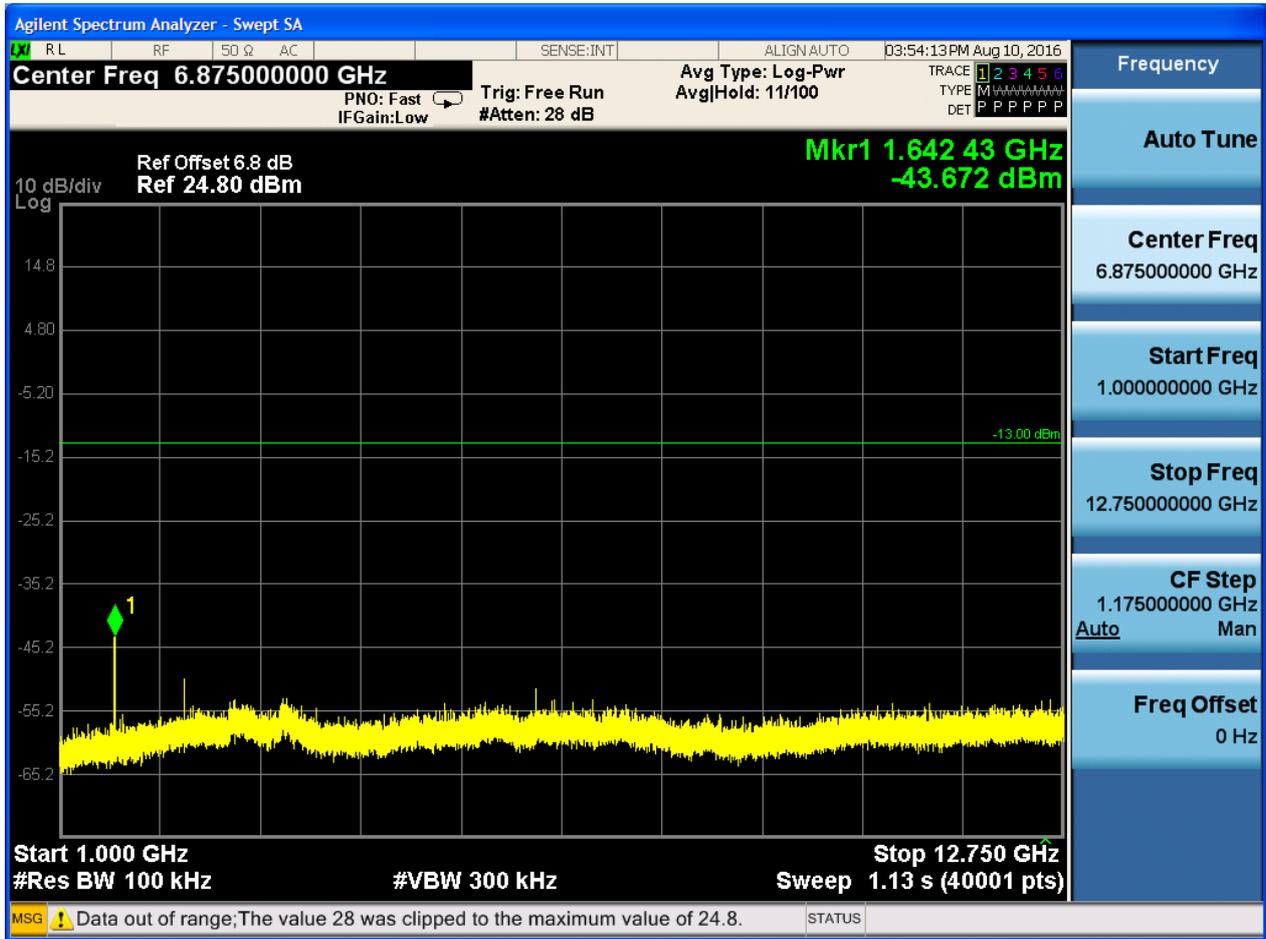
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







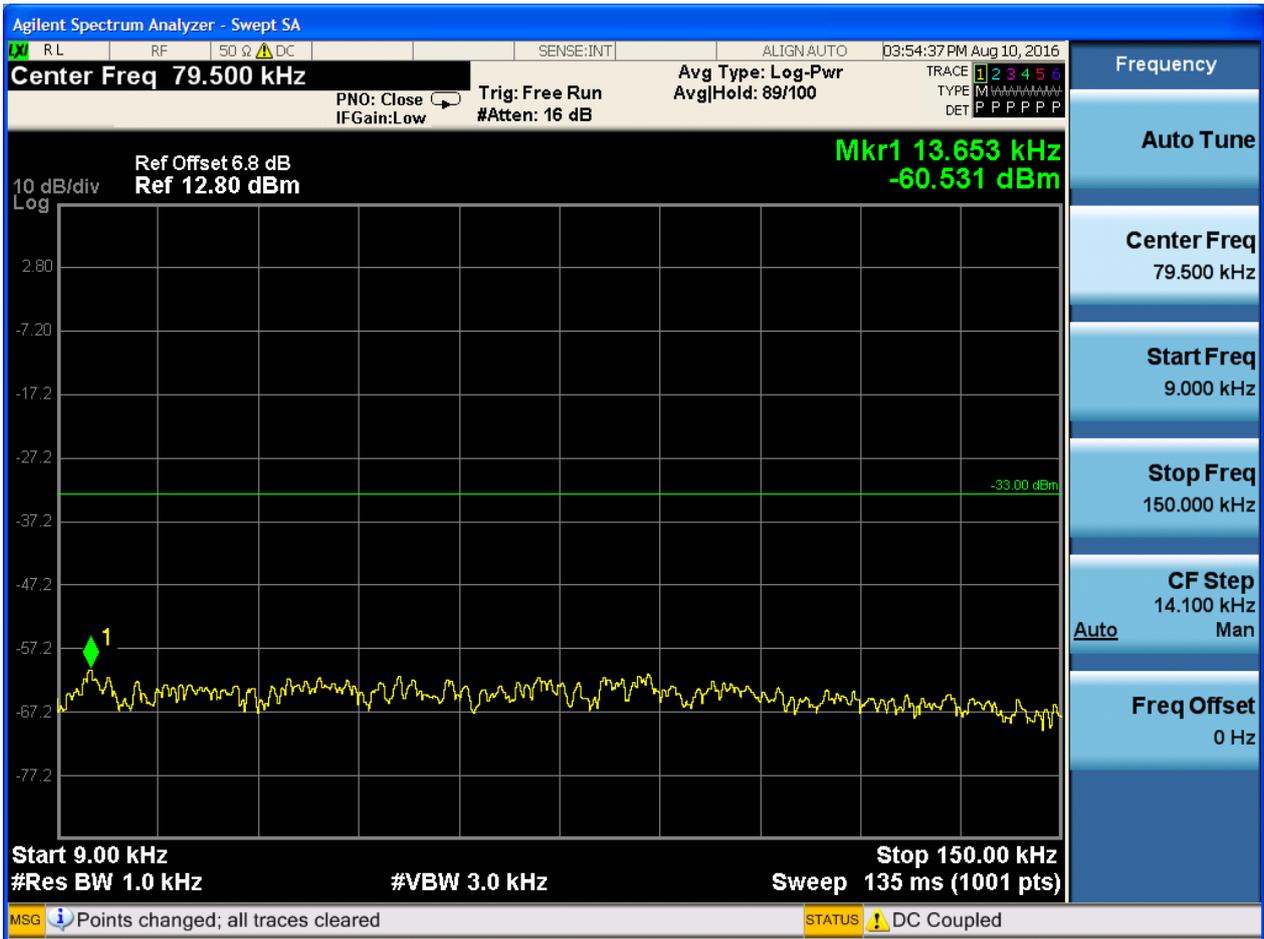


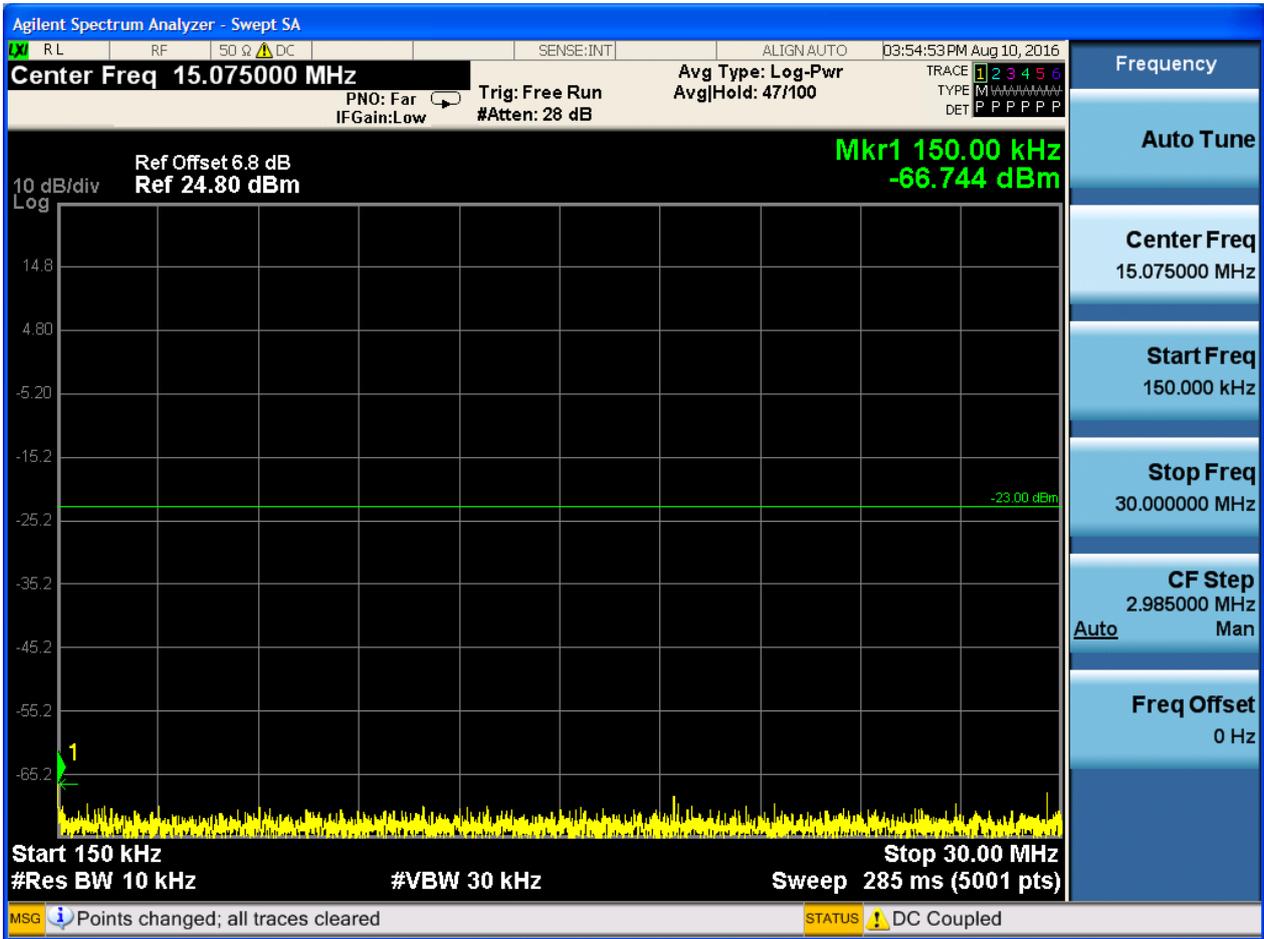


6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

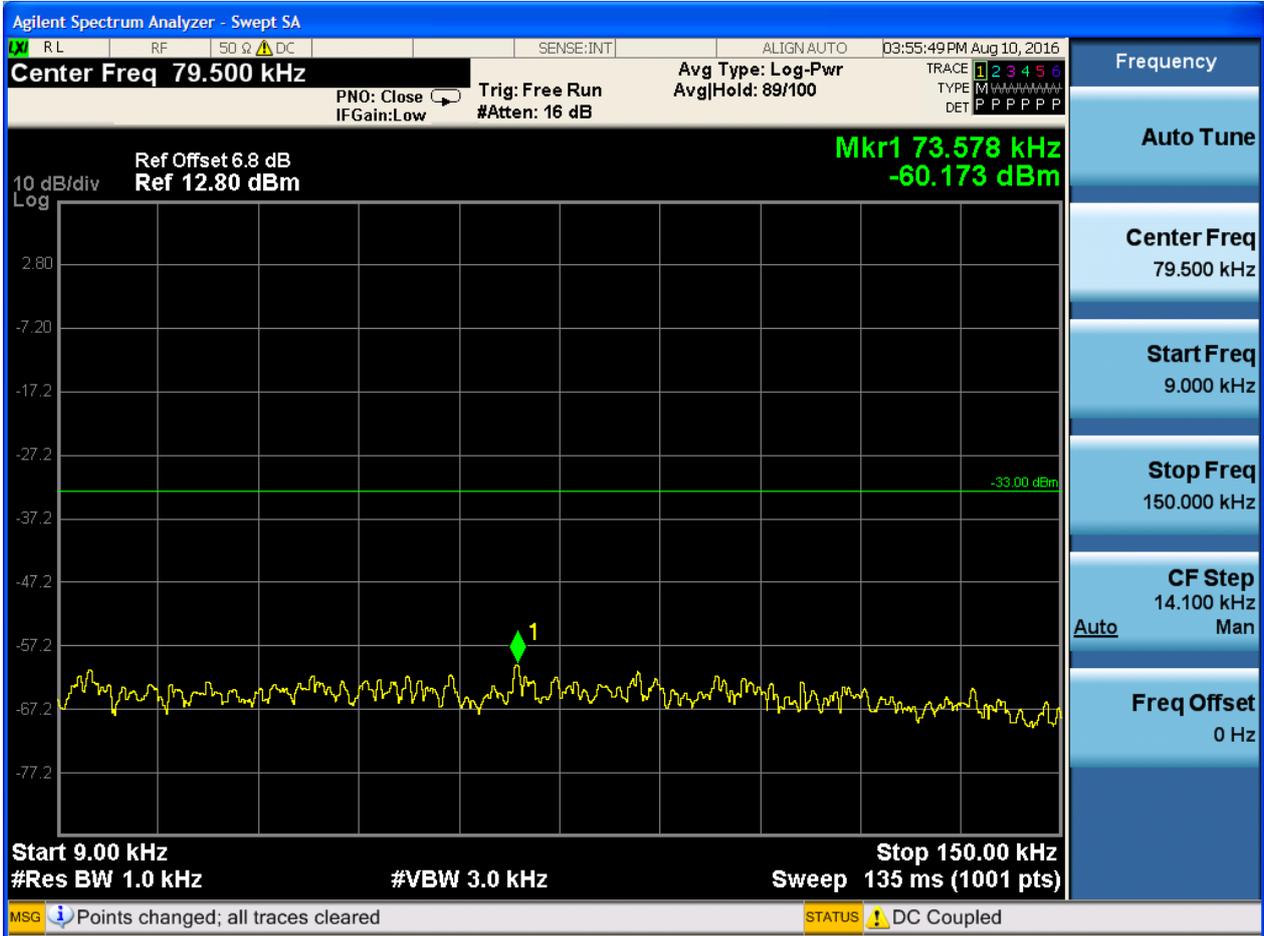


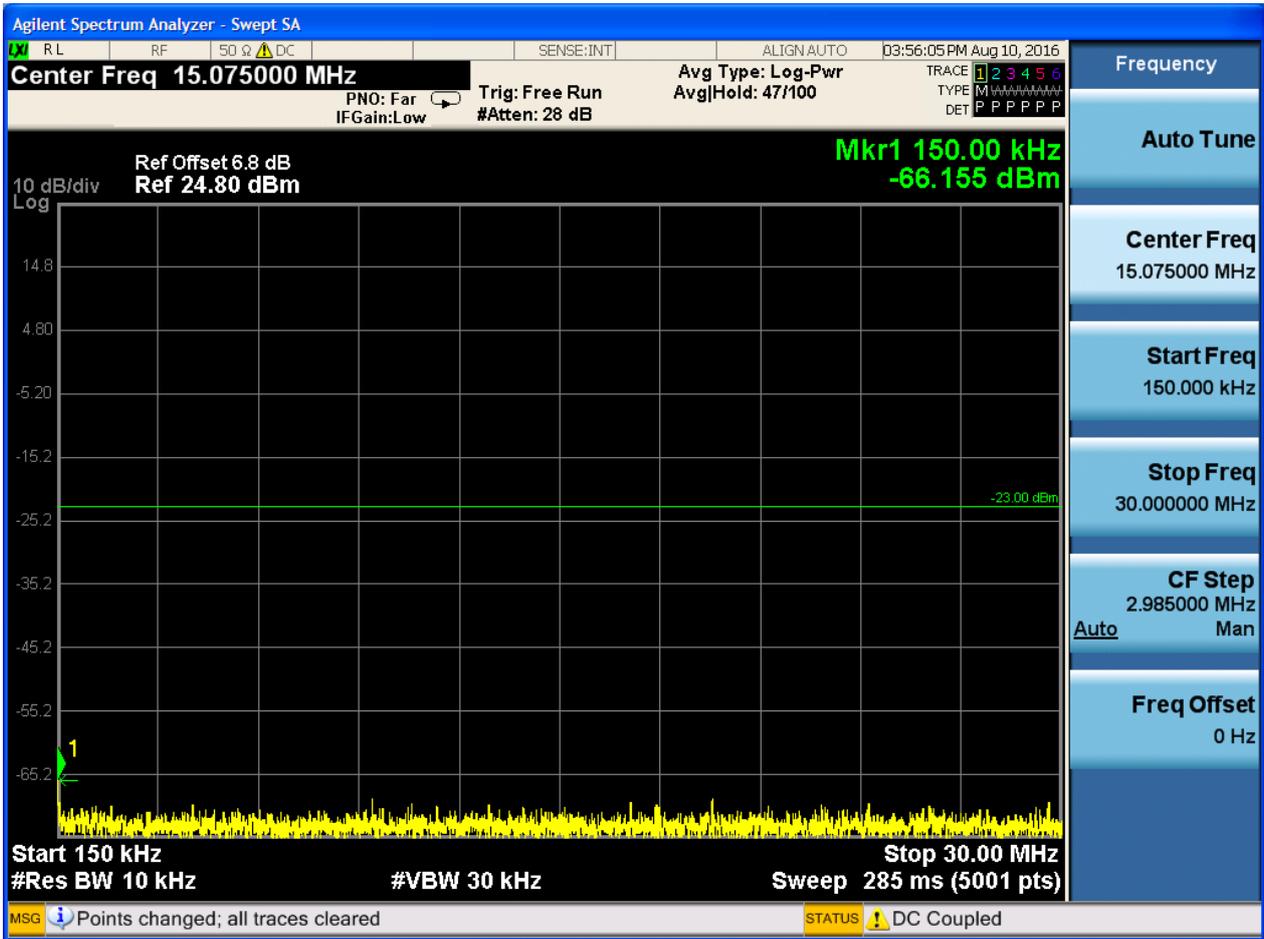


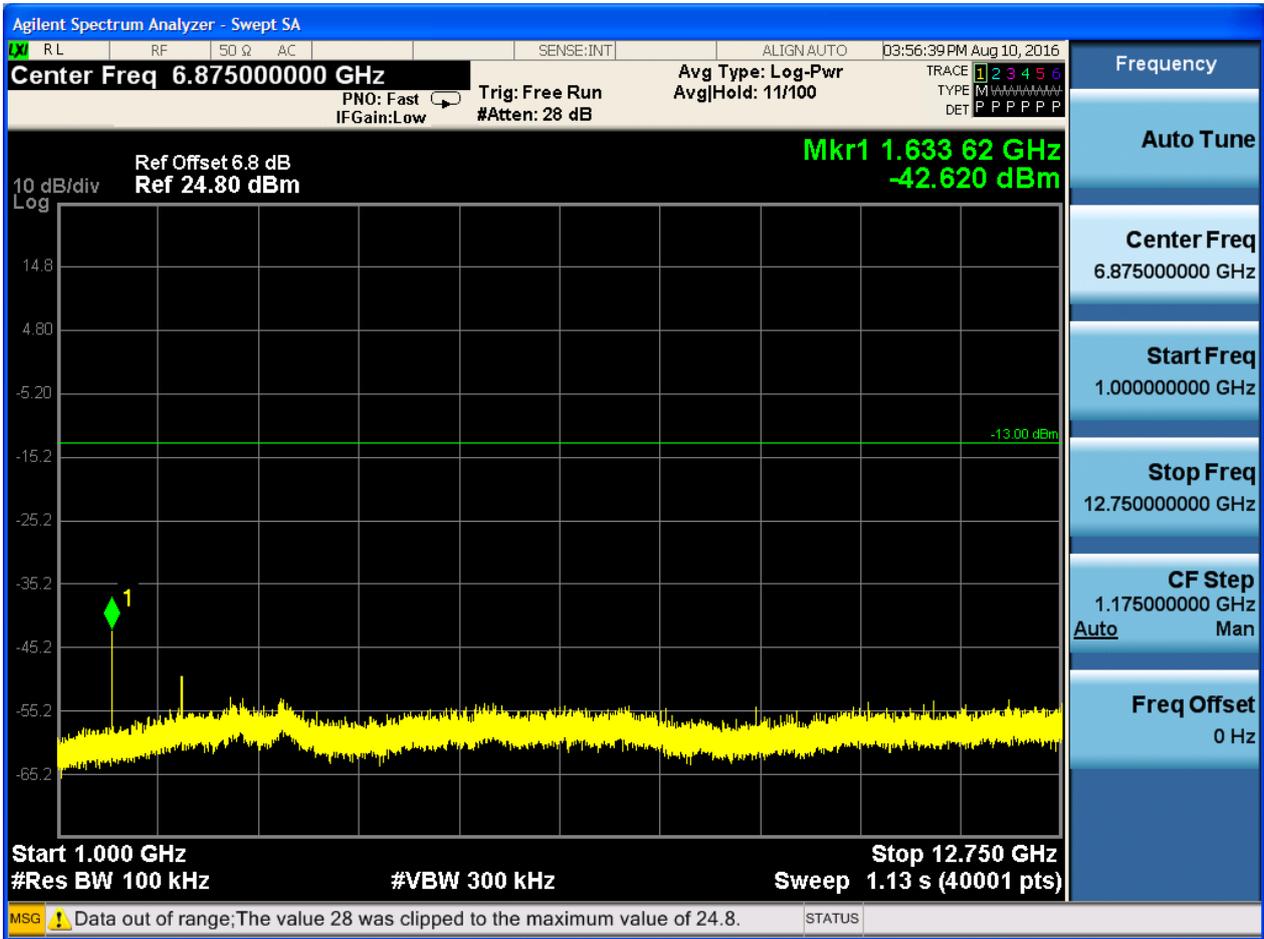


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



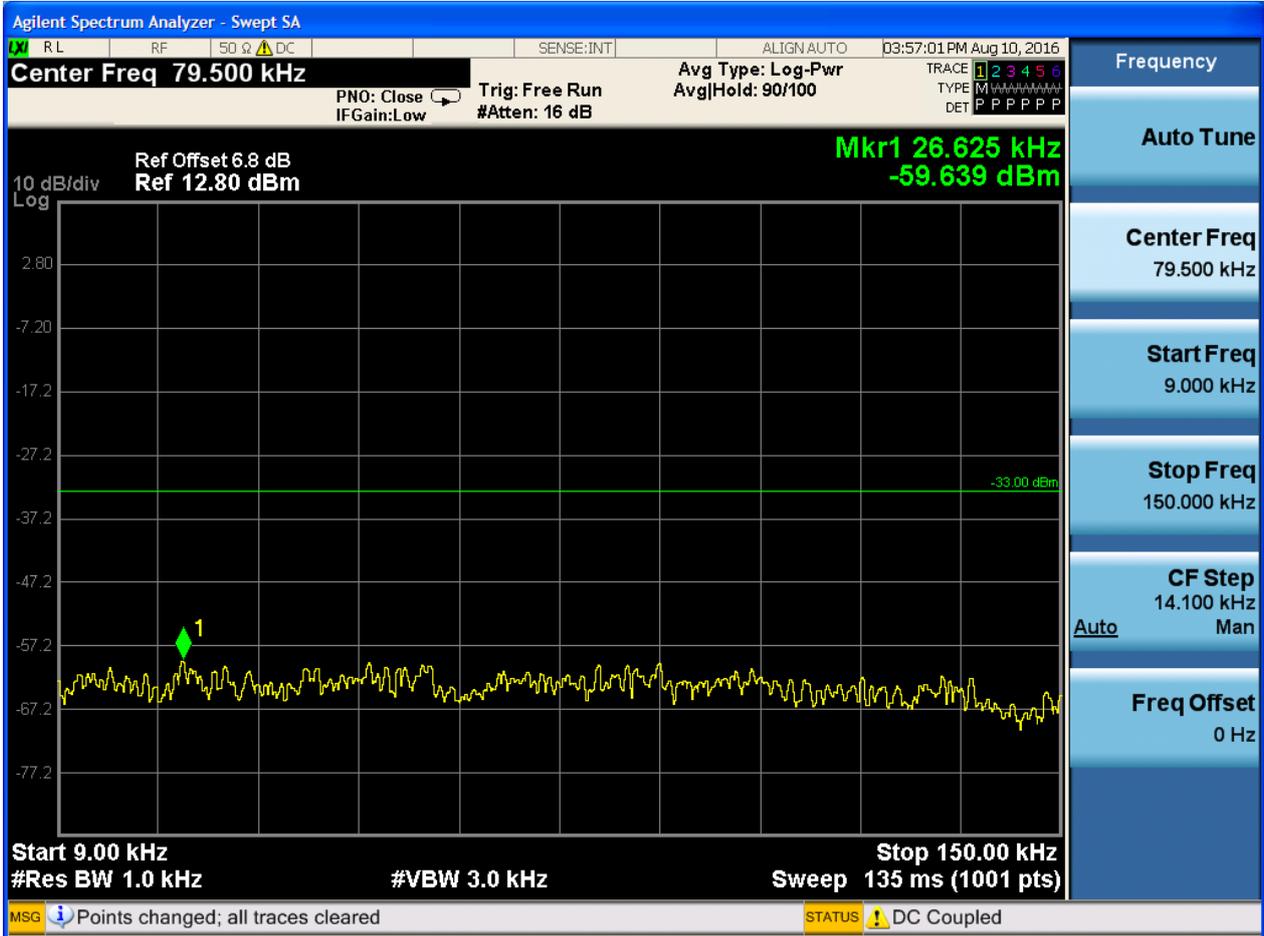




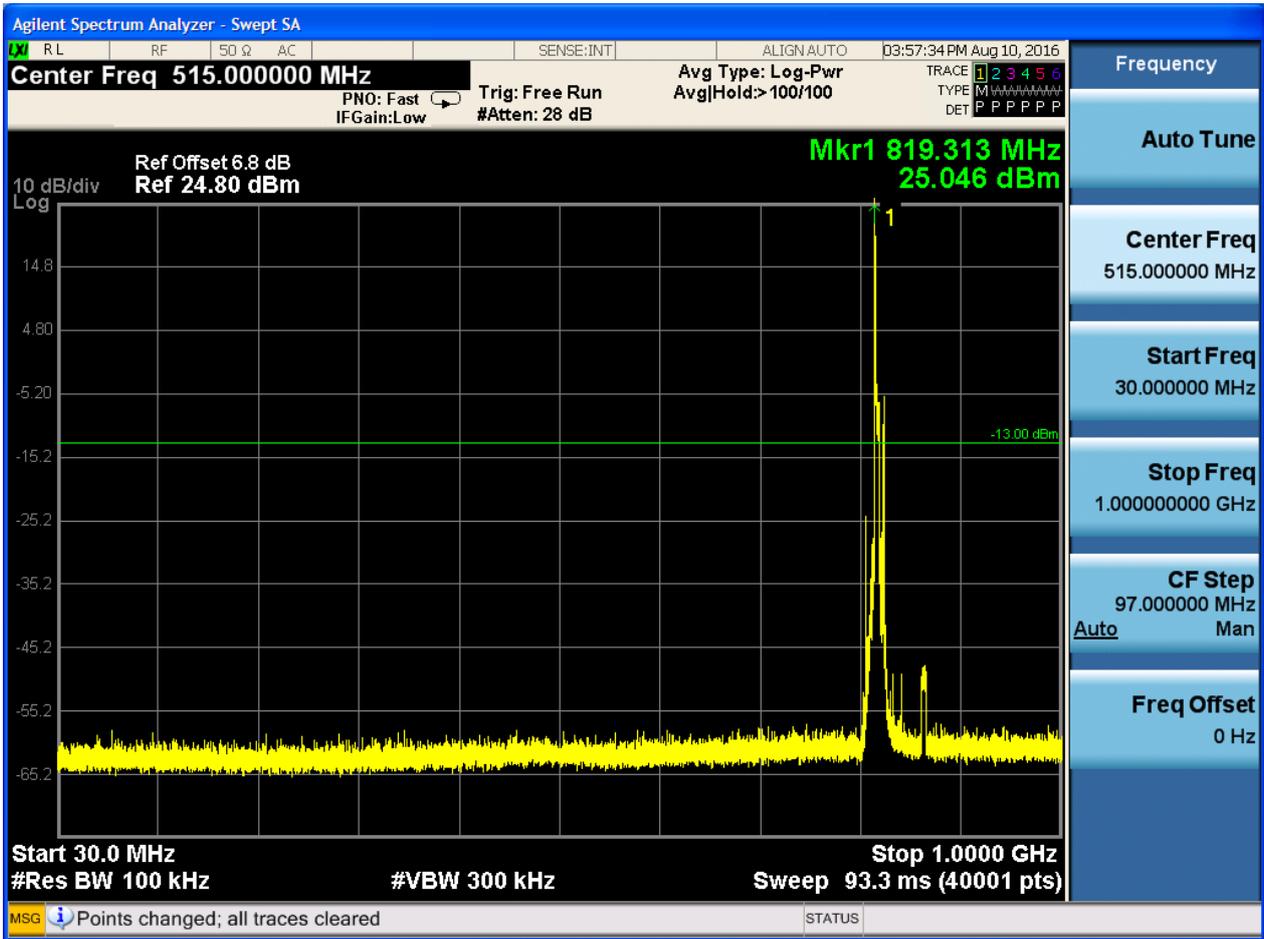


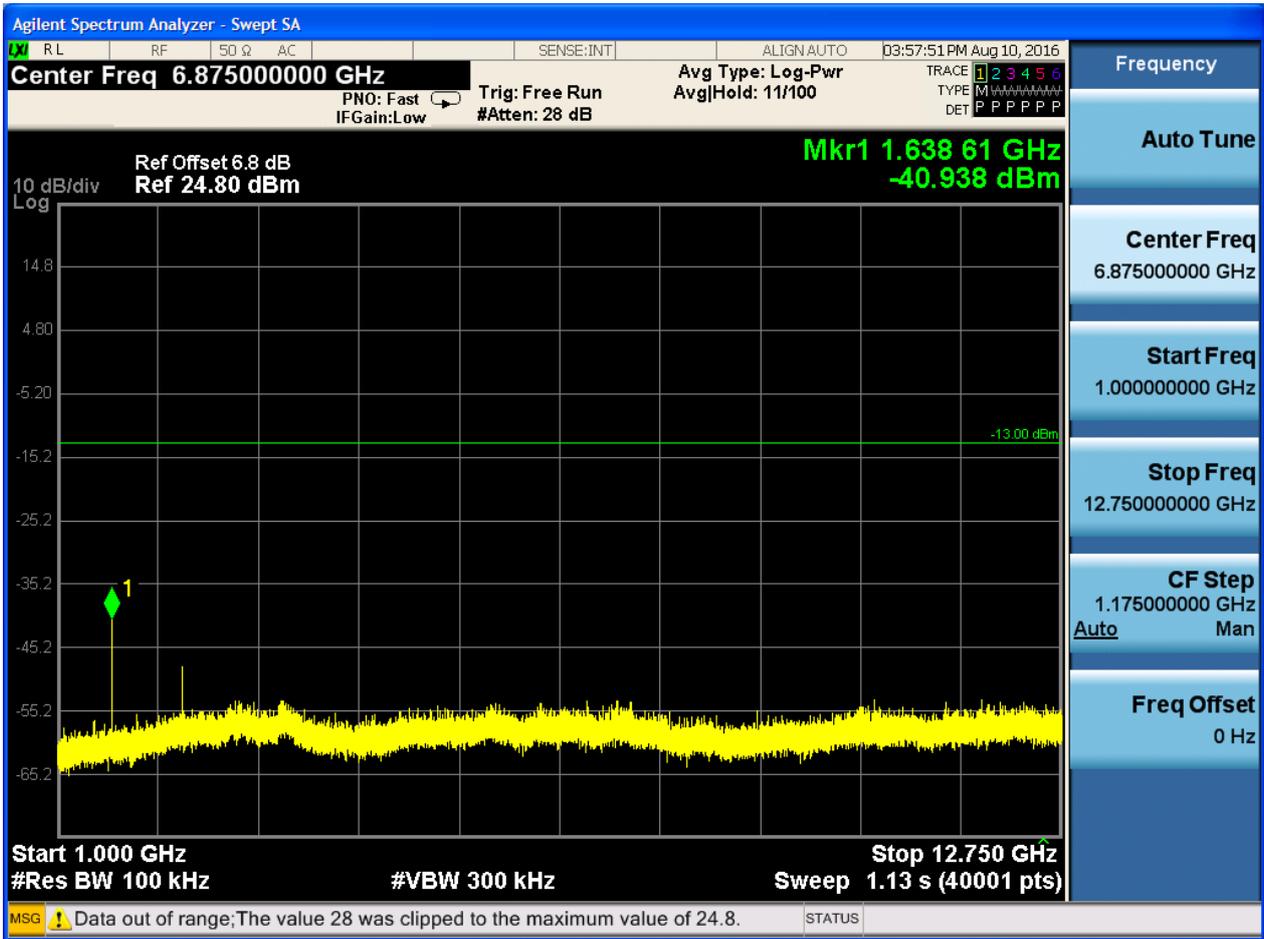
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







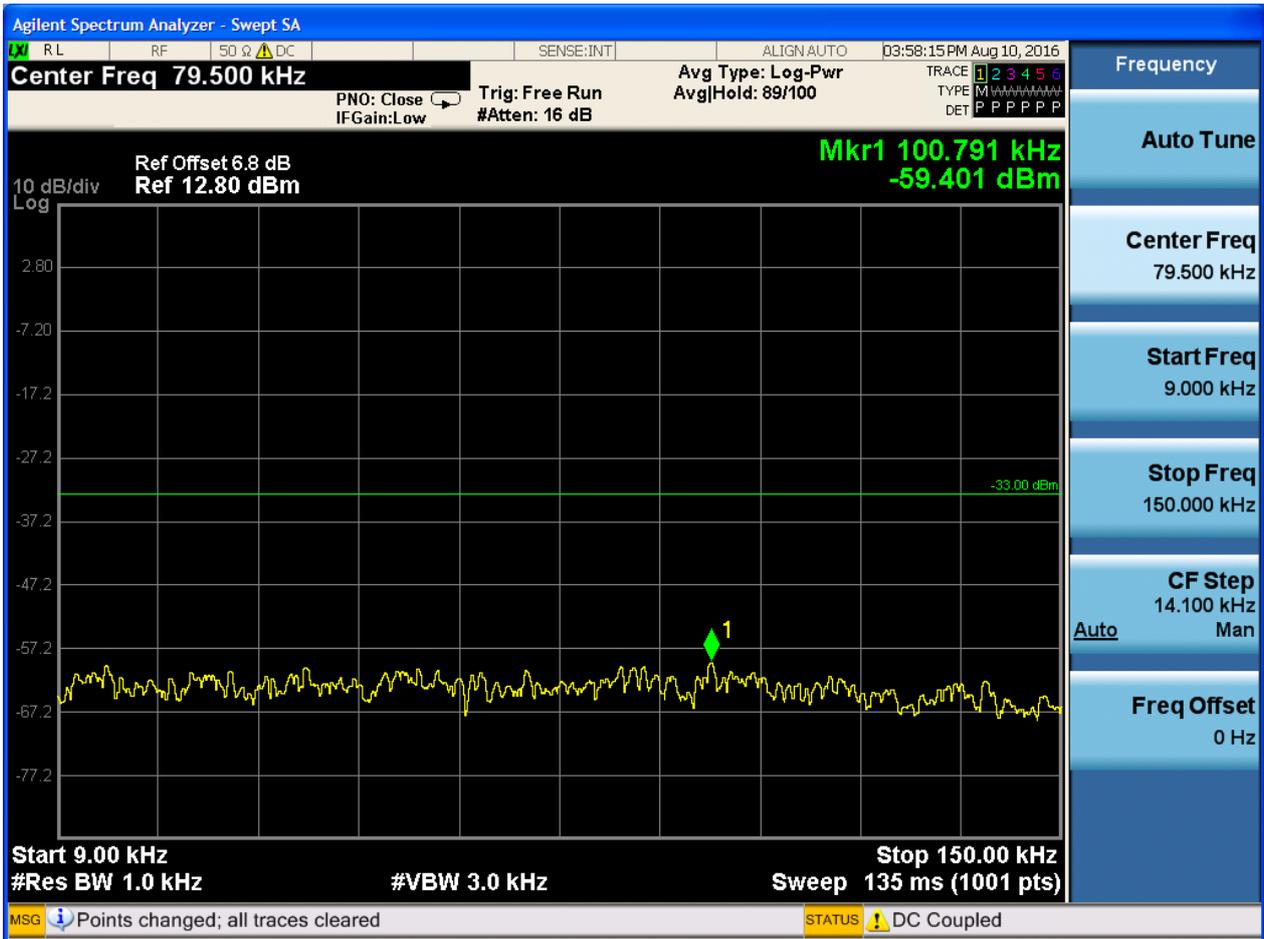




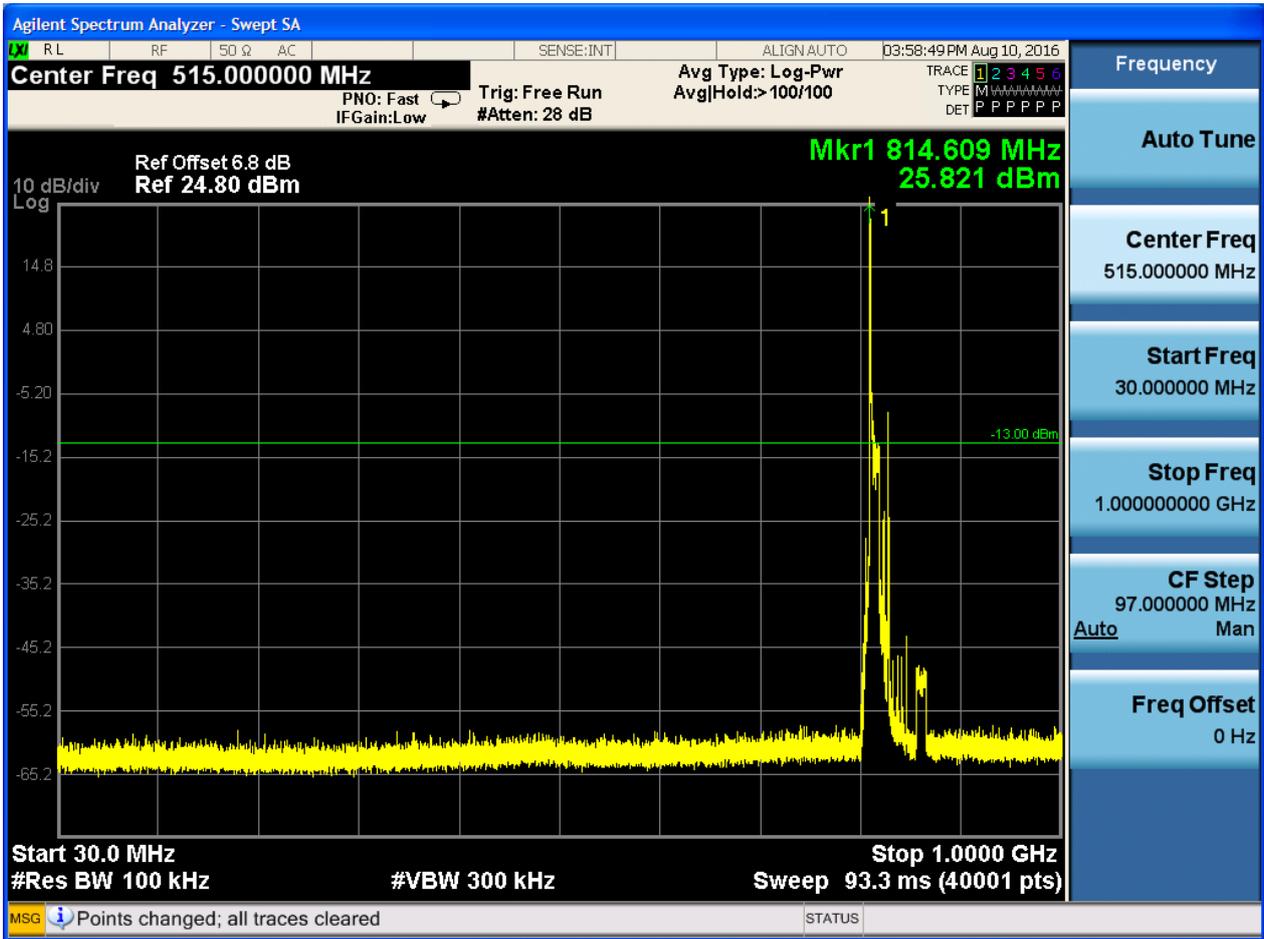
6.1.1.2.4 Test Bandwidth = 10

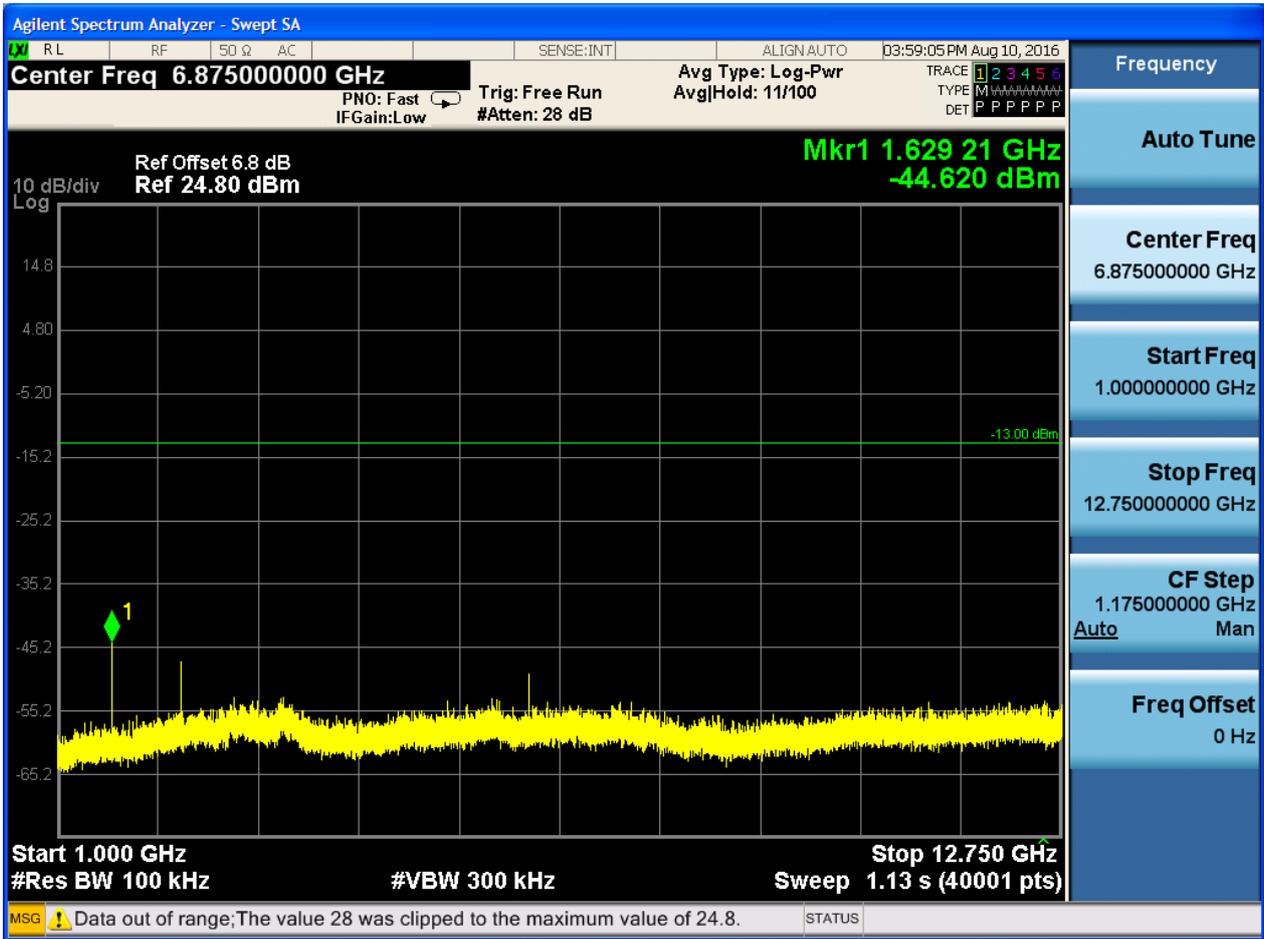
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





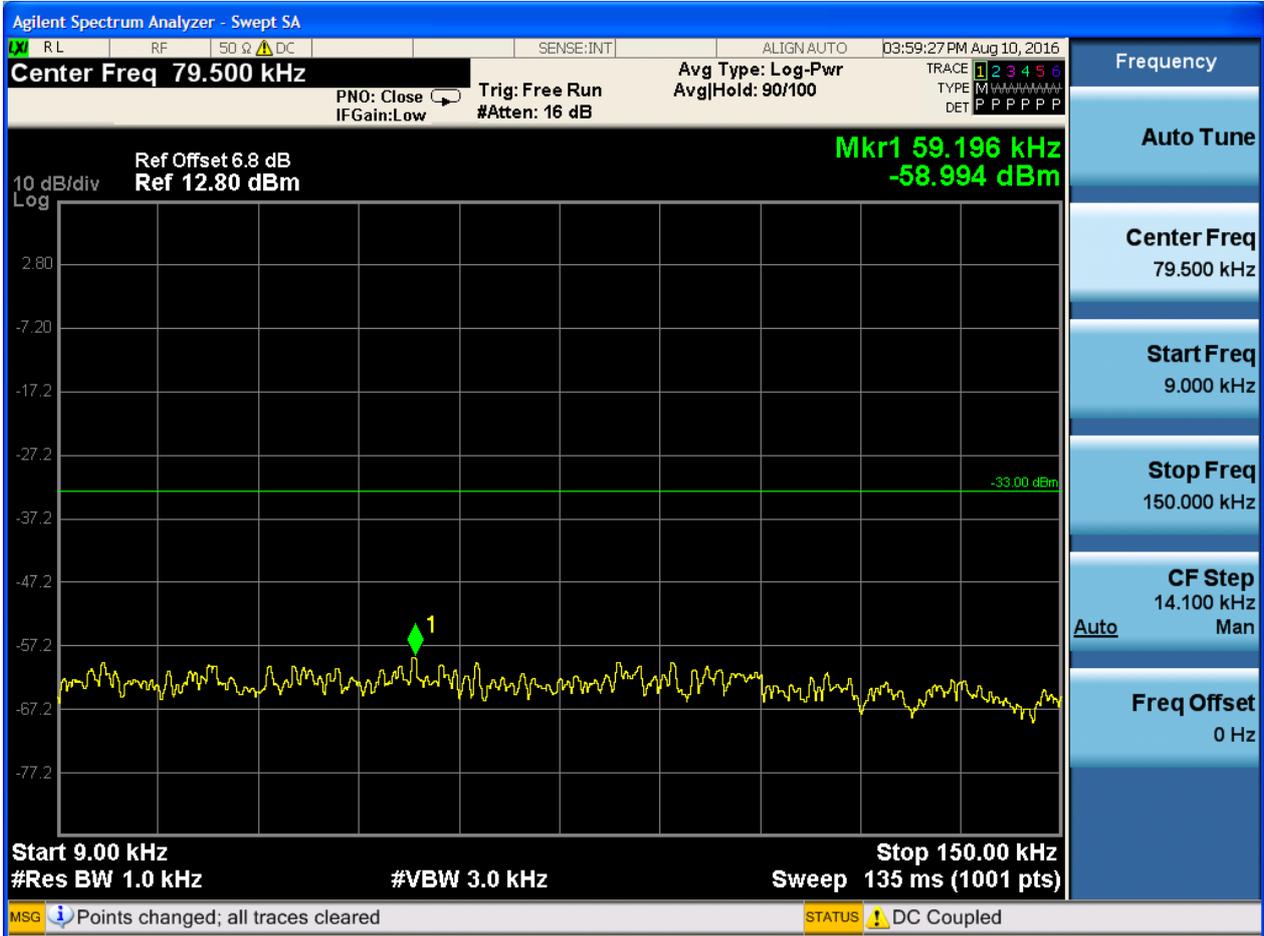


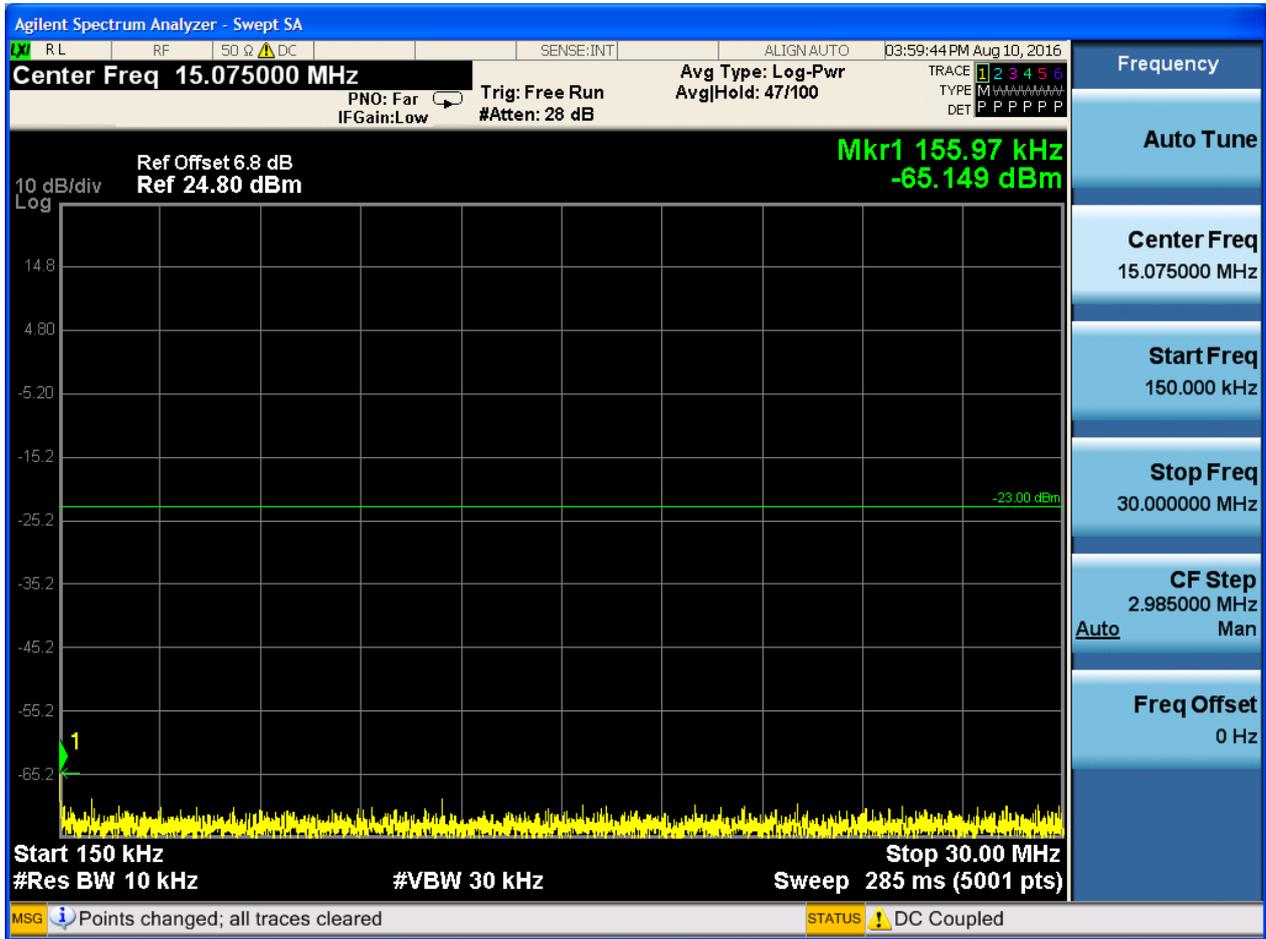


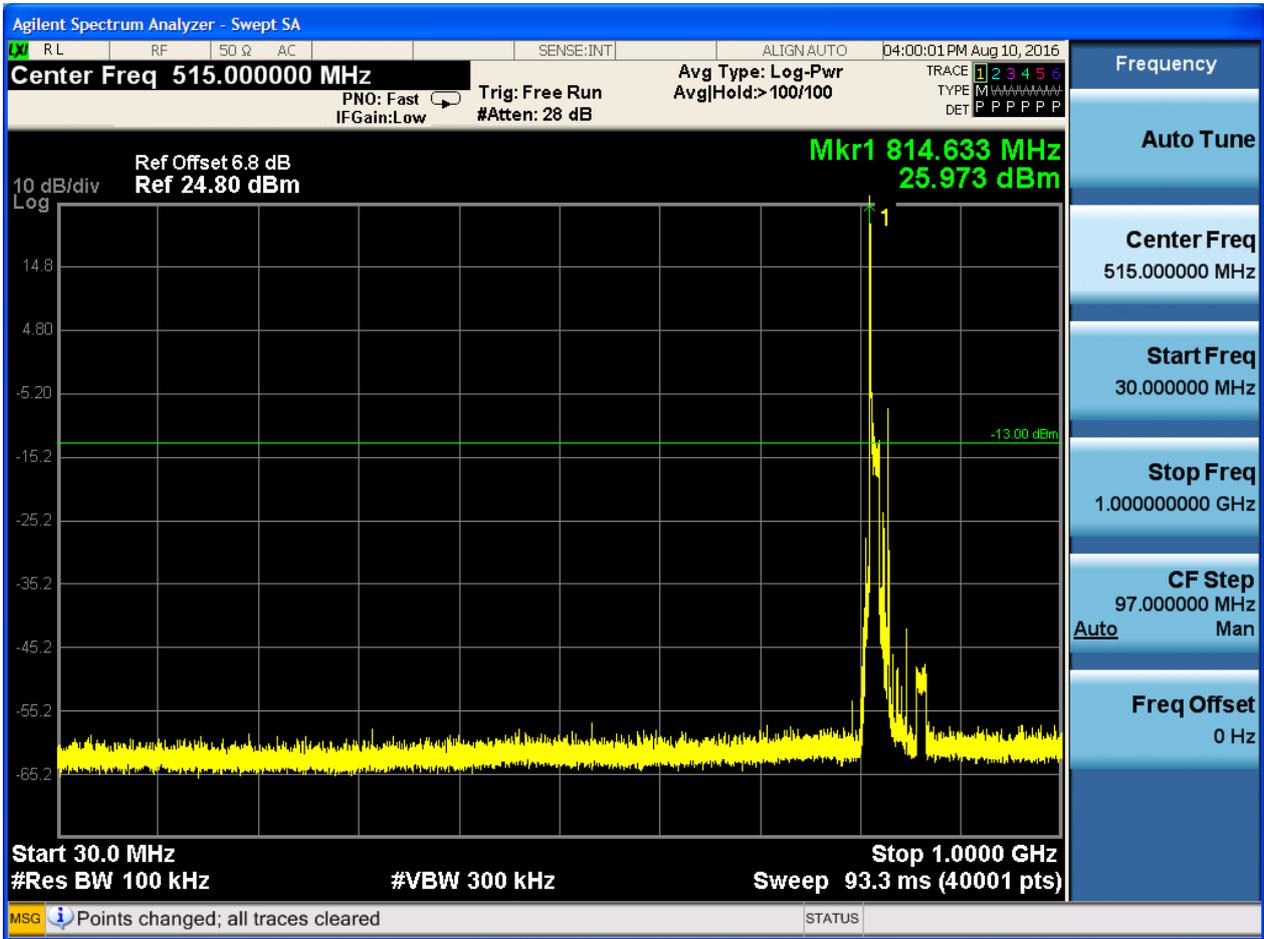


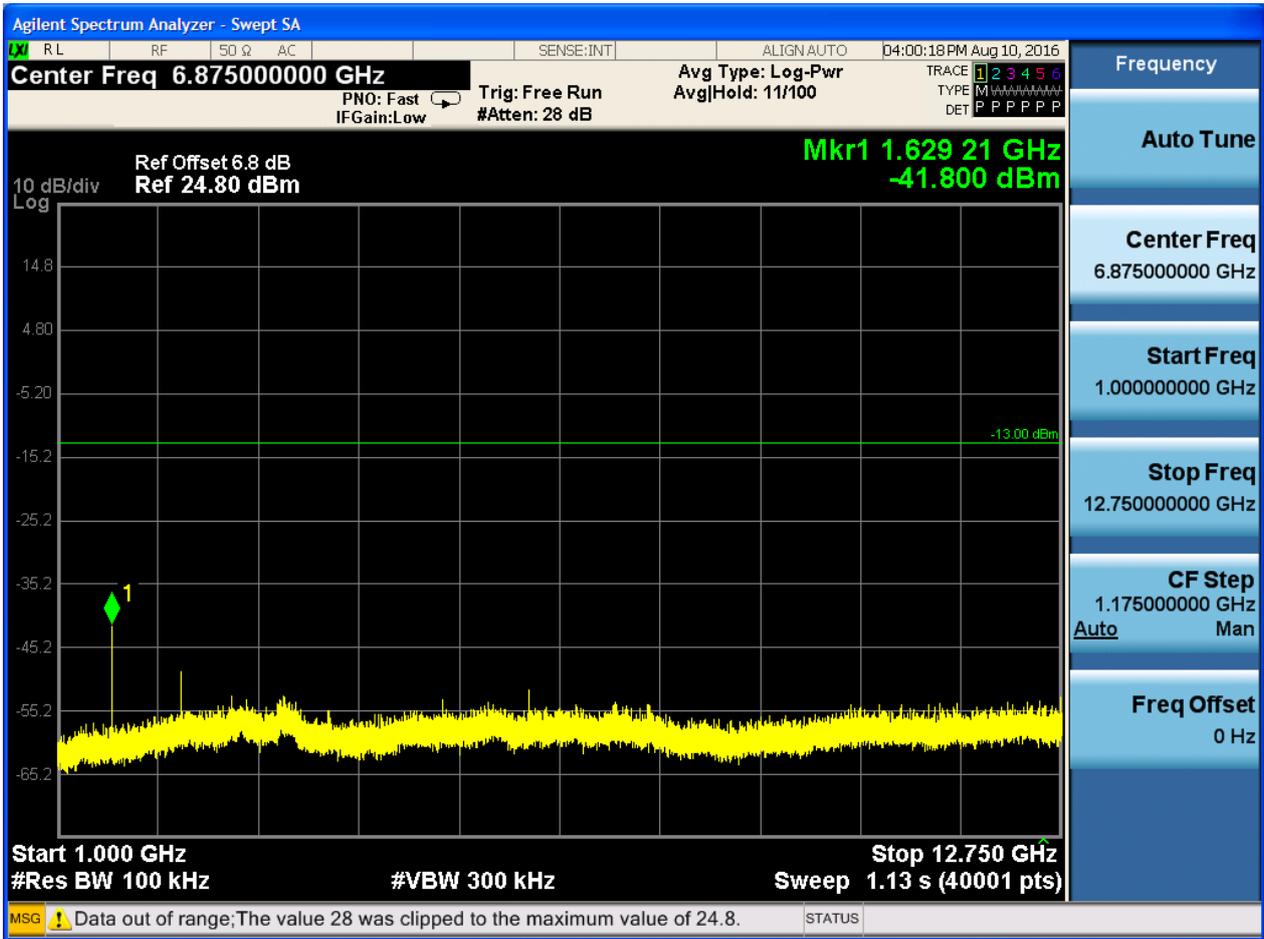
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





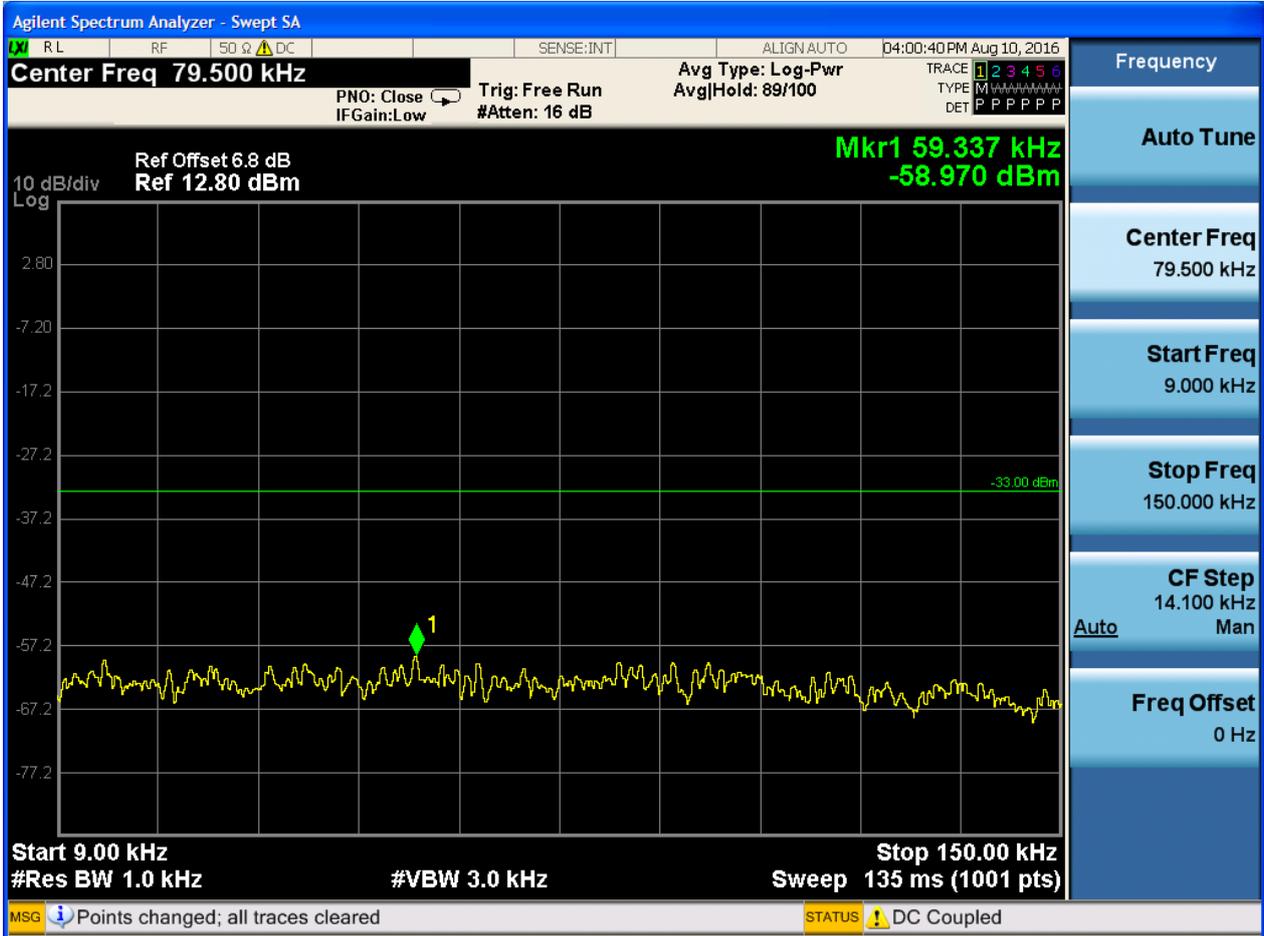


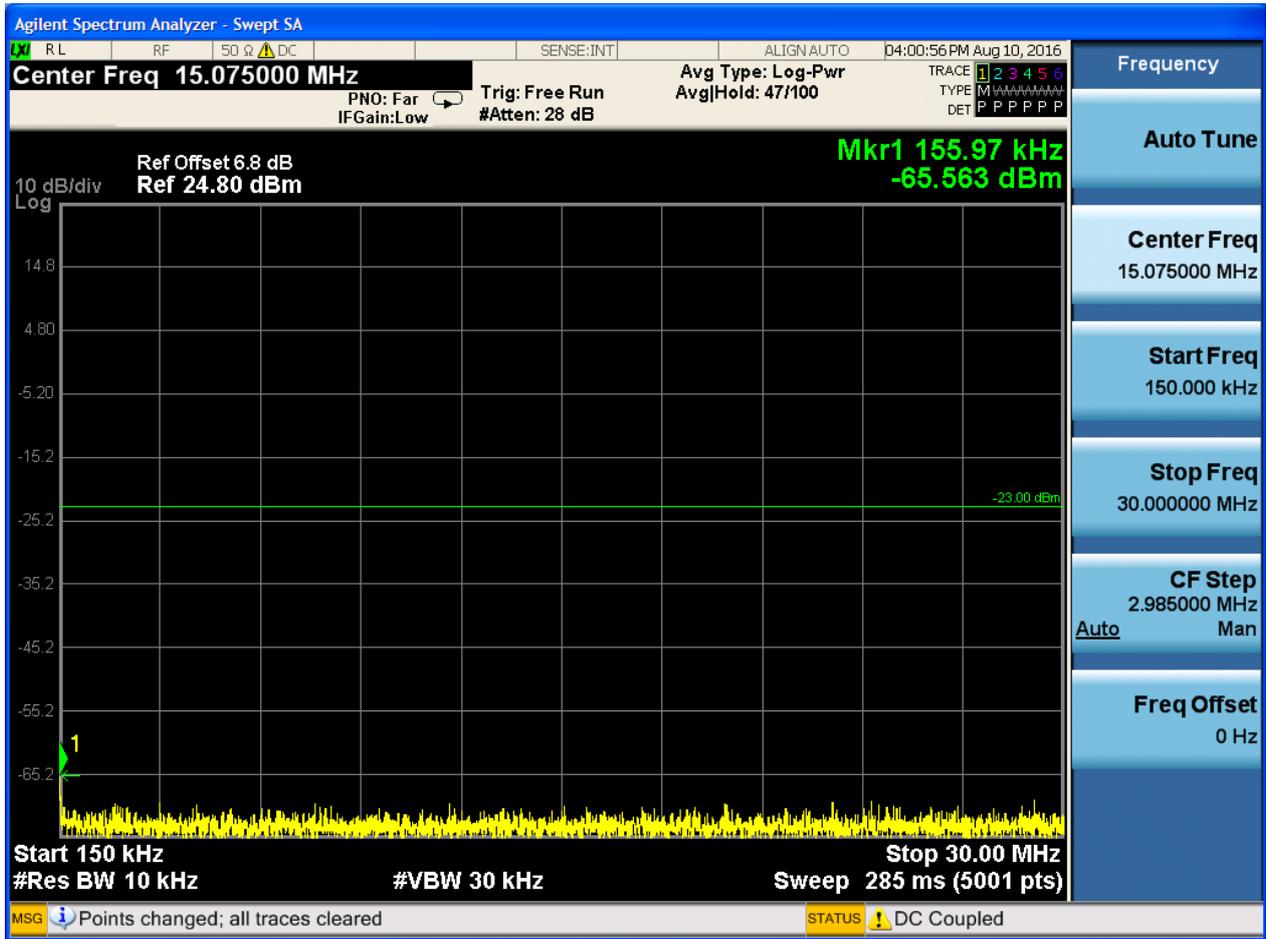


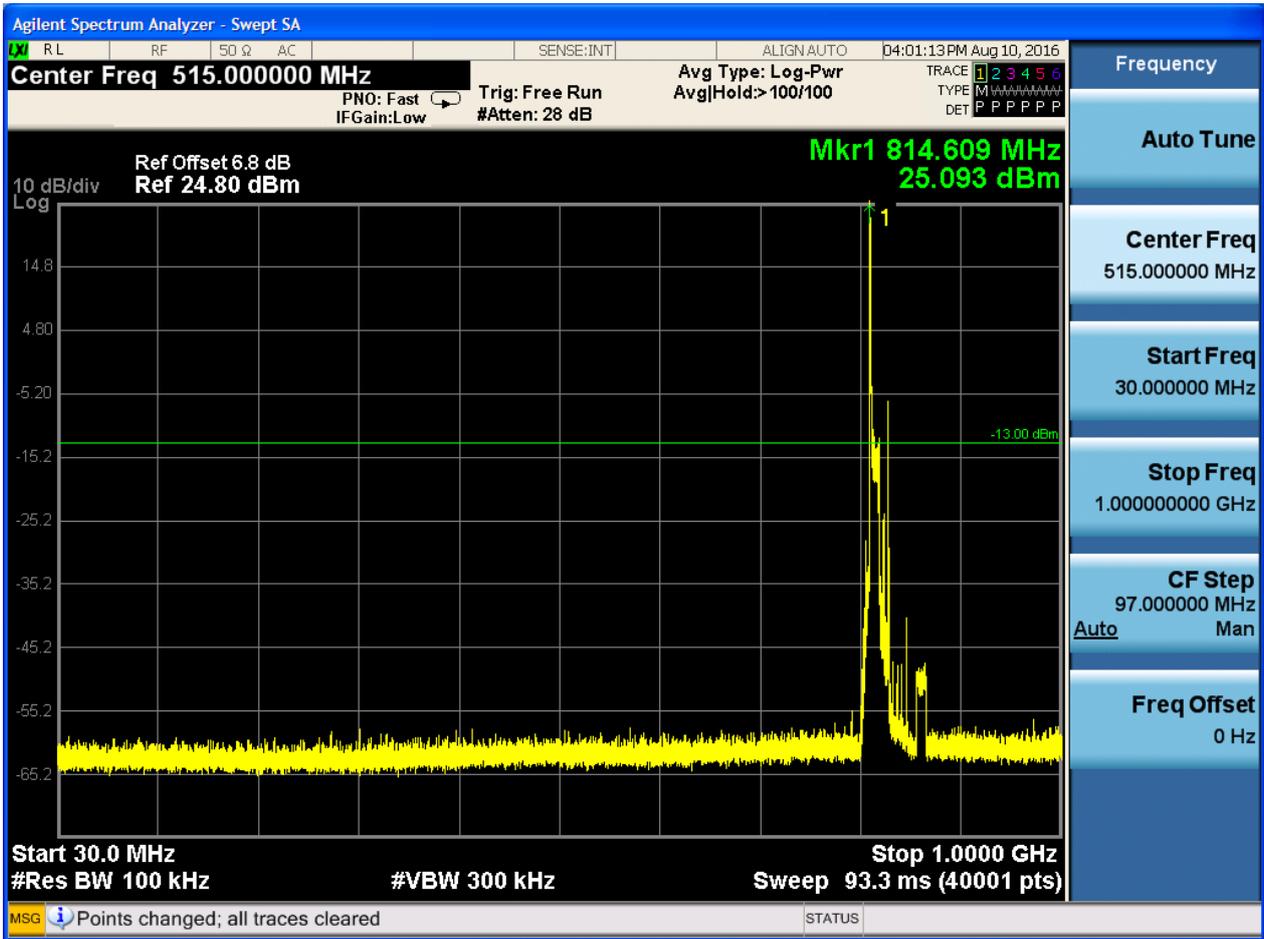


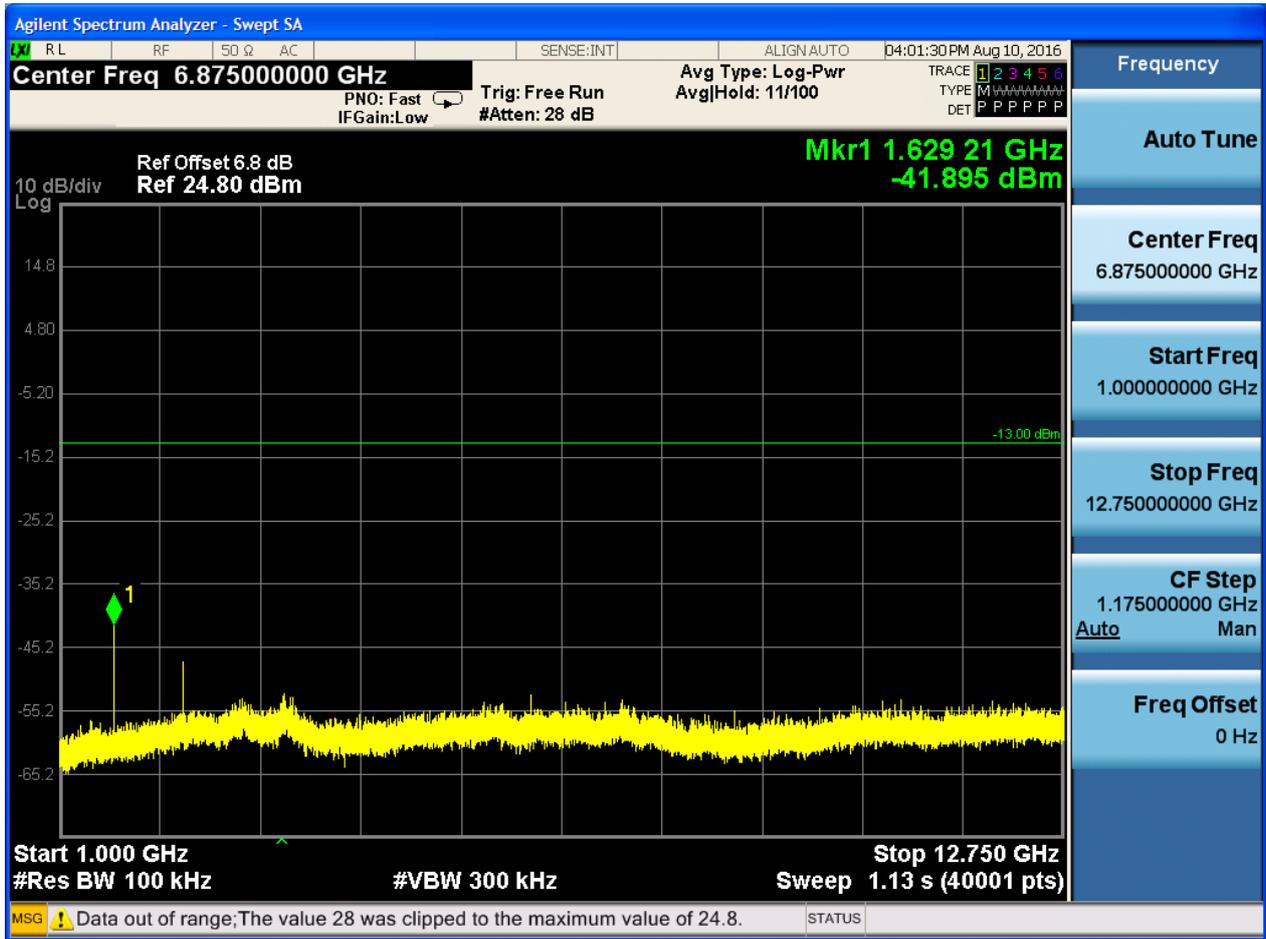
6.1.1.2.4.3 Test Channel = HCH

6.1.1.2.4.3.1 Test RB = RB1#0









7Appendix_G: Field Strength of Spurious Radiation

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

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

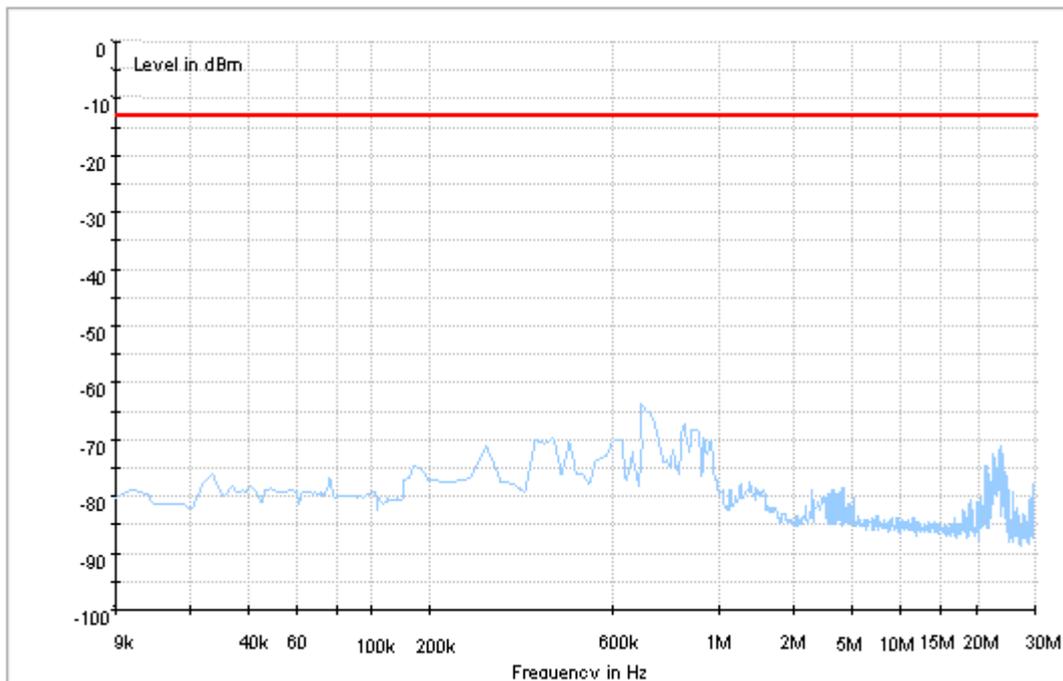
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

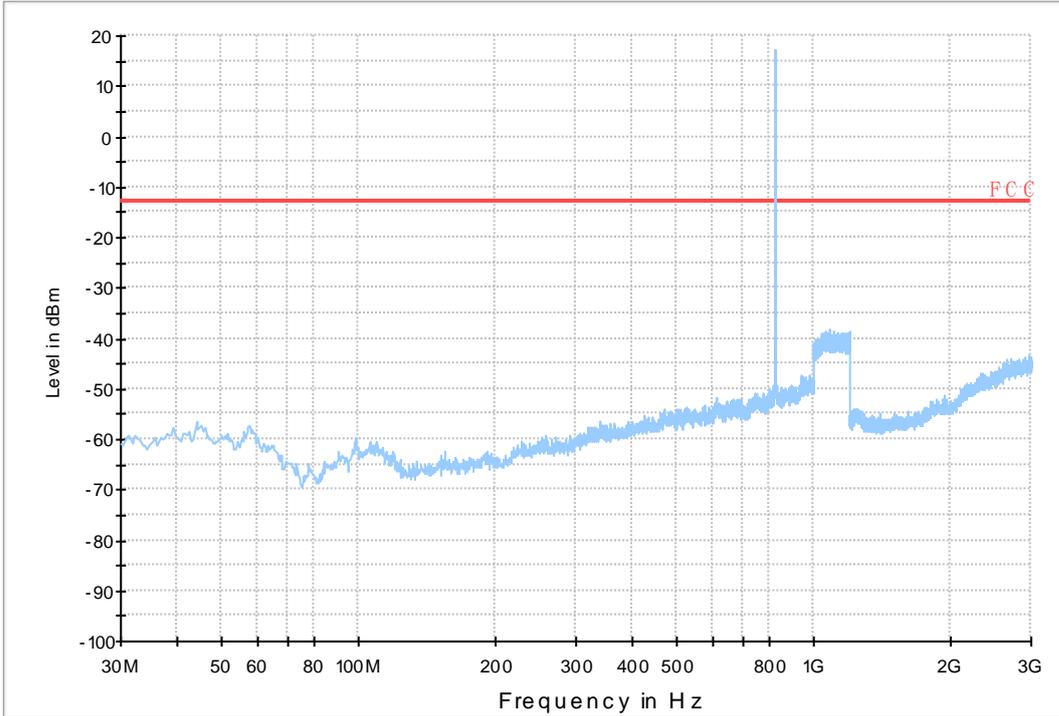
7.1 For LTE

7.1.1 Test Band = BAND26_ANT1

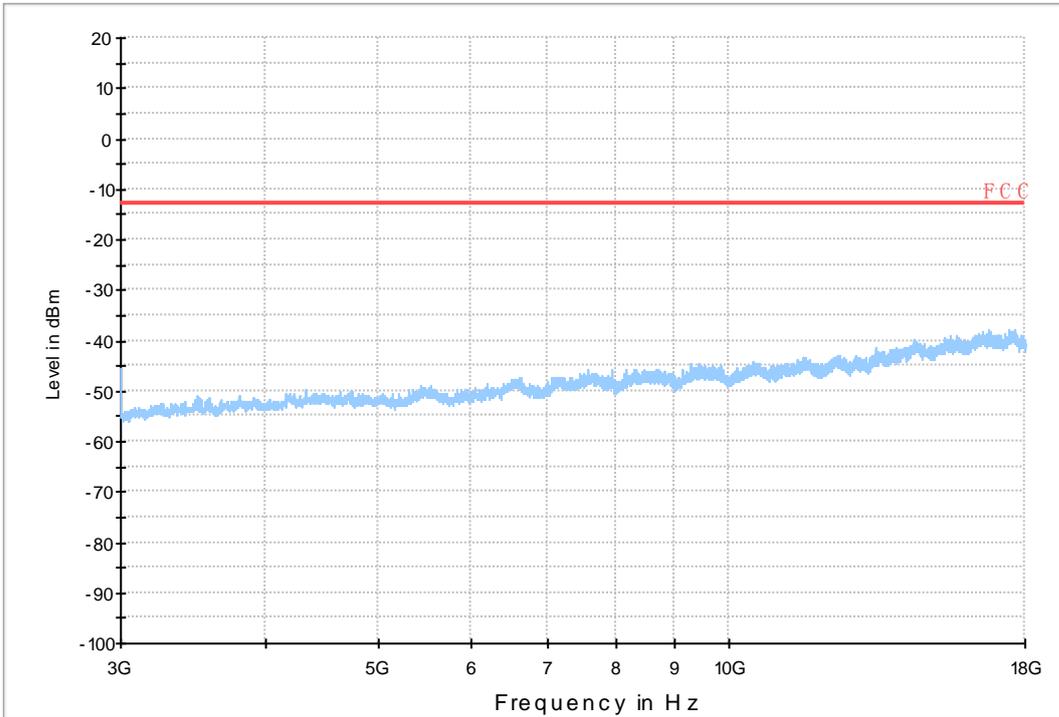
7.1.1.1 Test Bandwidth = 1.4



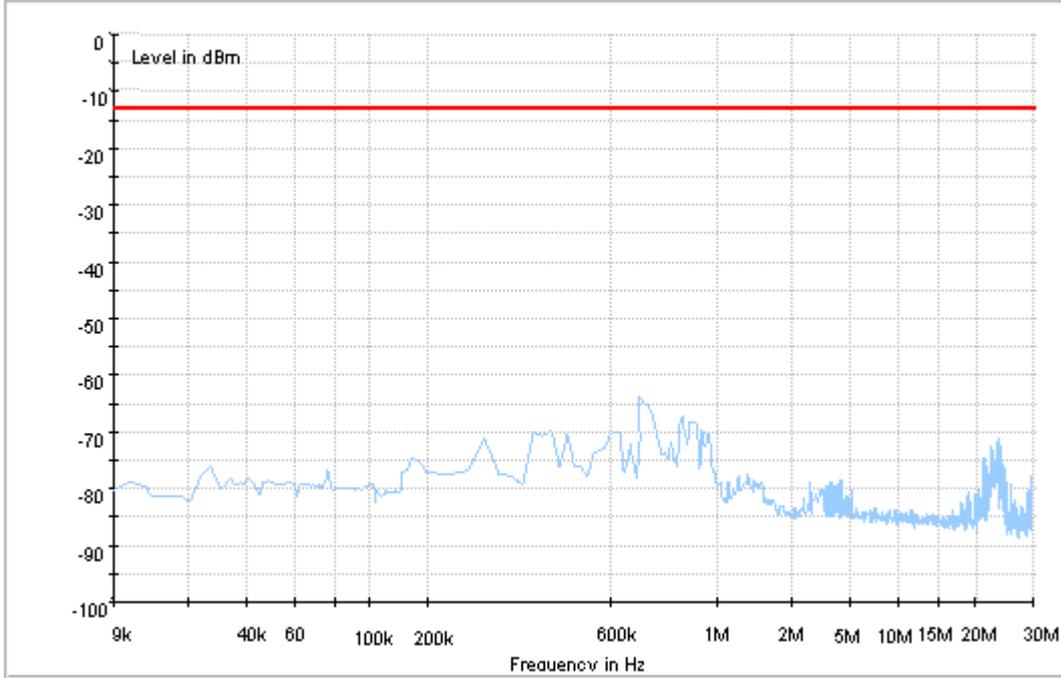
Copy of RSE-TX-DIRECTOR BELOW 1G_L



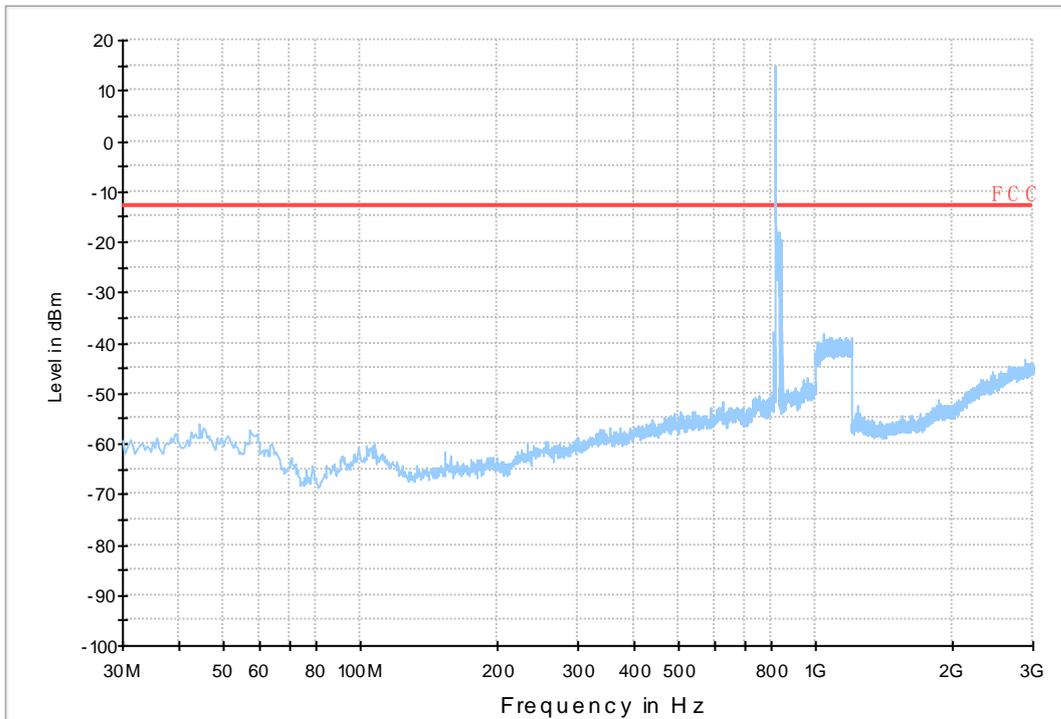
Copy of RSE-TX-DIRECTOR BELOW 1G_H



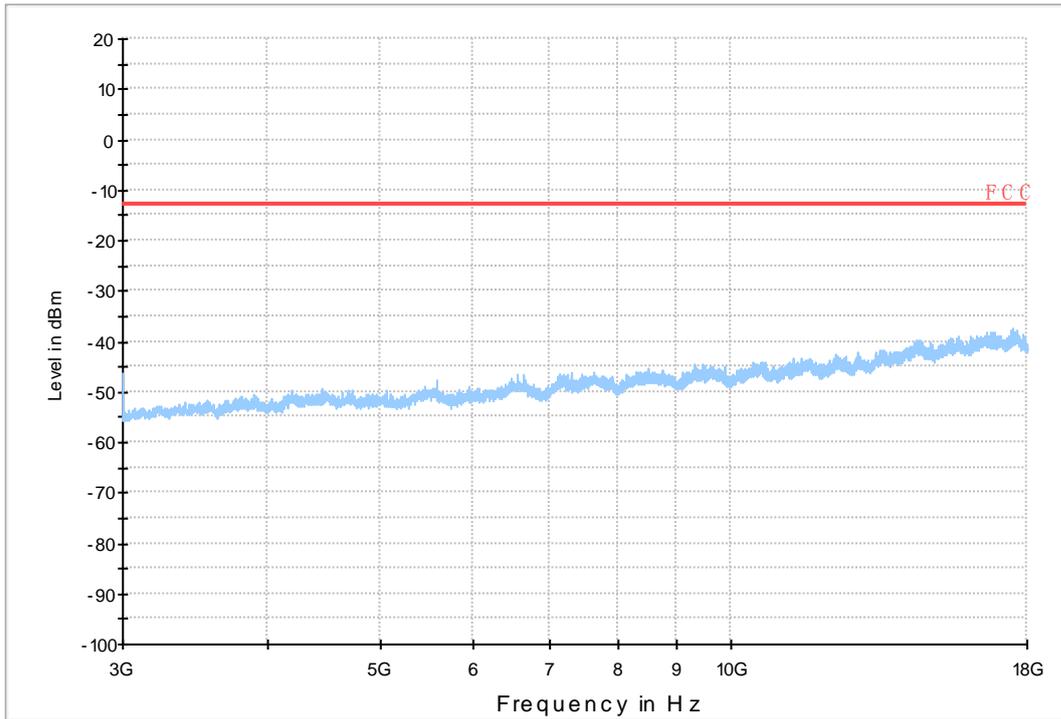
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

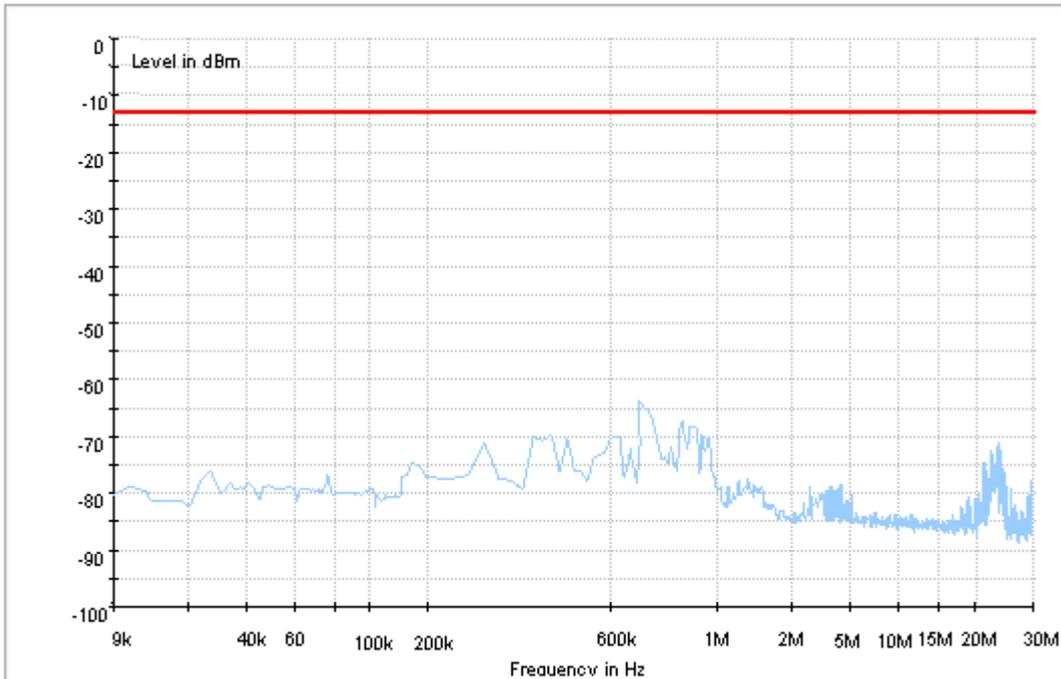


Copy of RSE-TX-DIRECTOR BELOW 1G_H

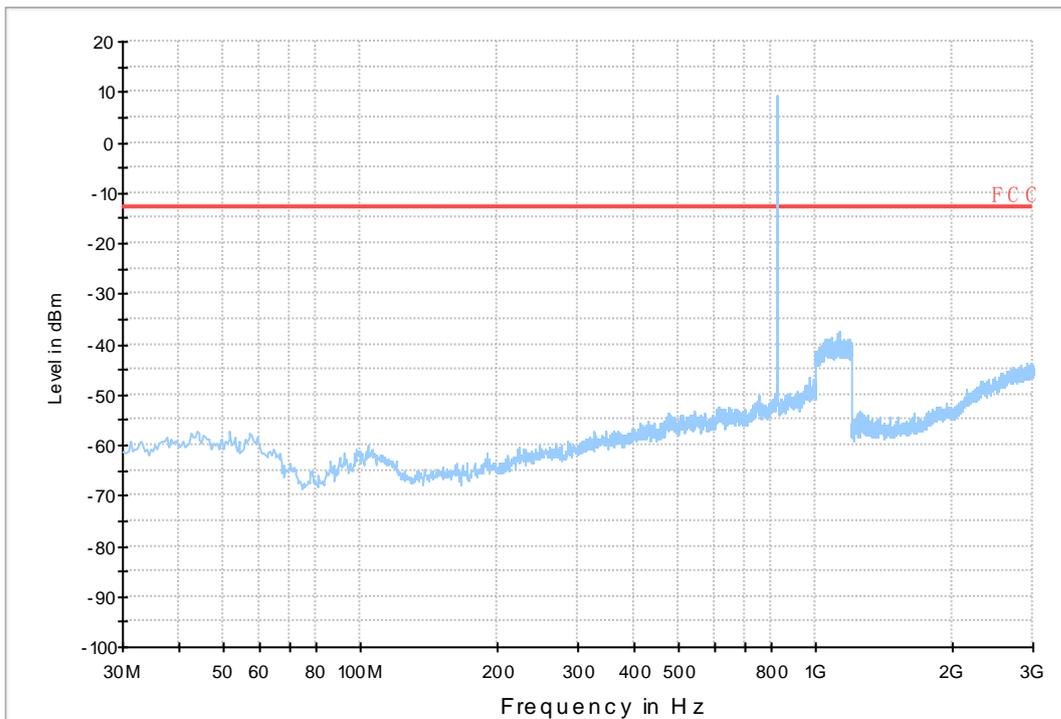


7.1.2 Test Band = BAND26_ANT2

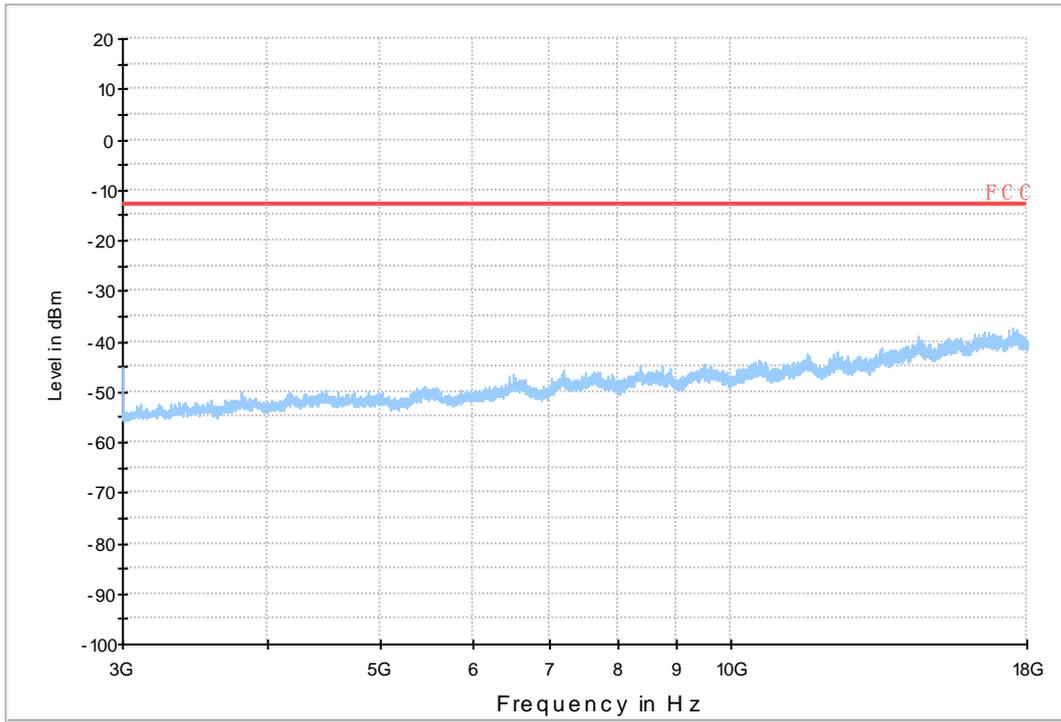
7.1.2.1 Test Bandwidth = 1.4



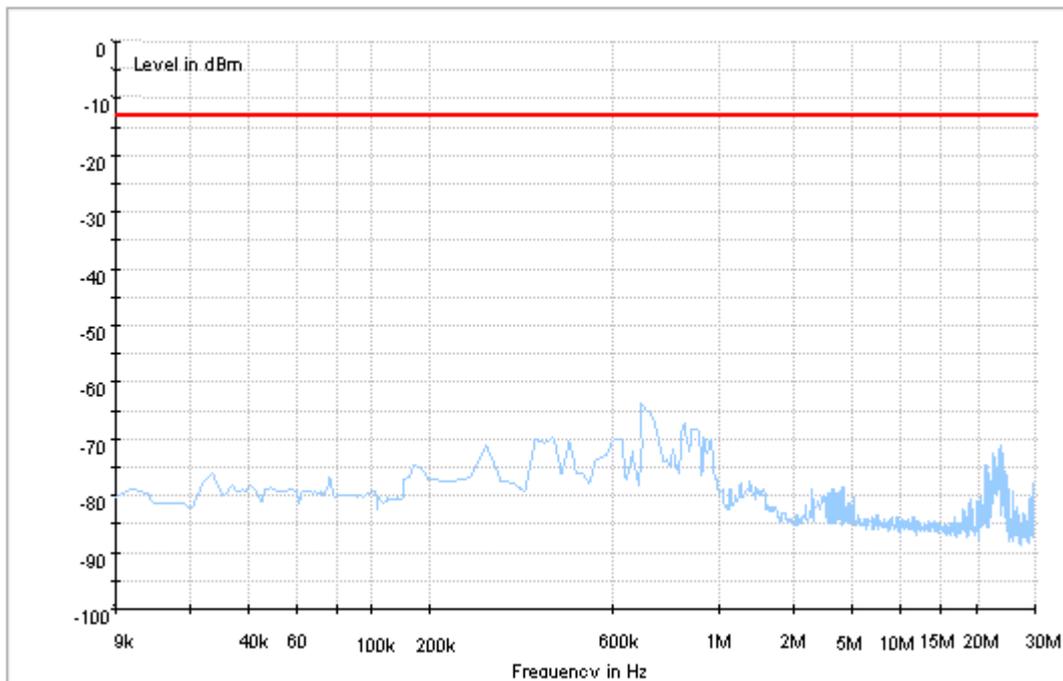
Copy of RSE-TX-DIRECTOR BELOW 1G_L



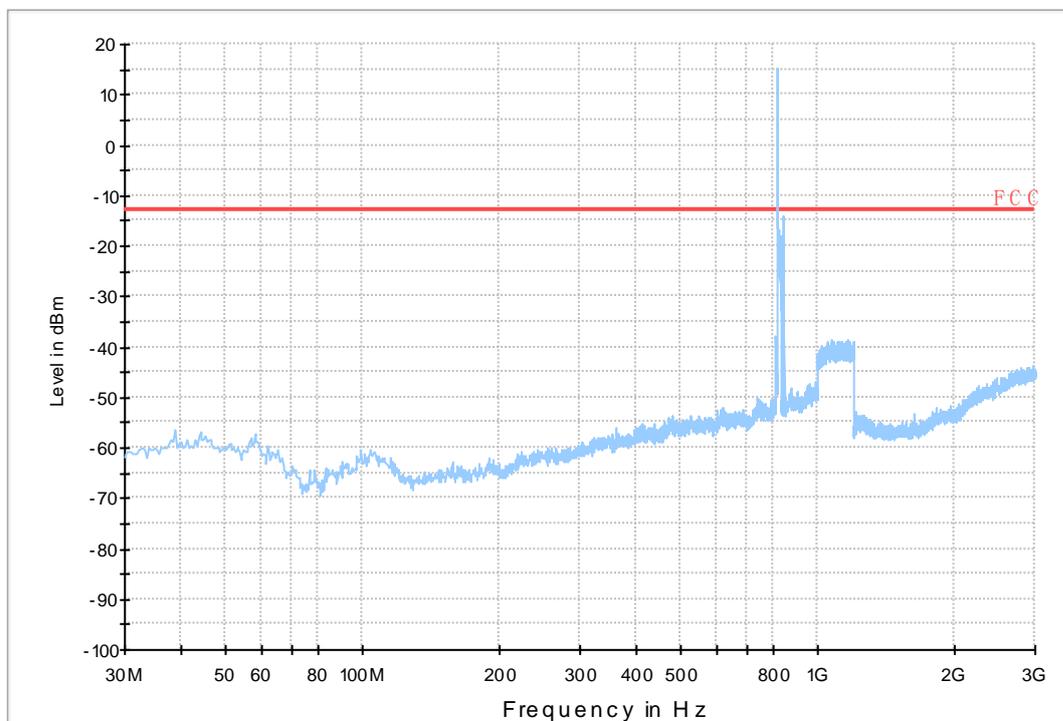
Copy of RSE-TX-DIRECTOR BELOW 1G_H



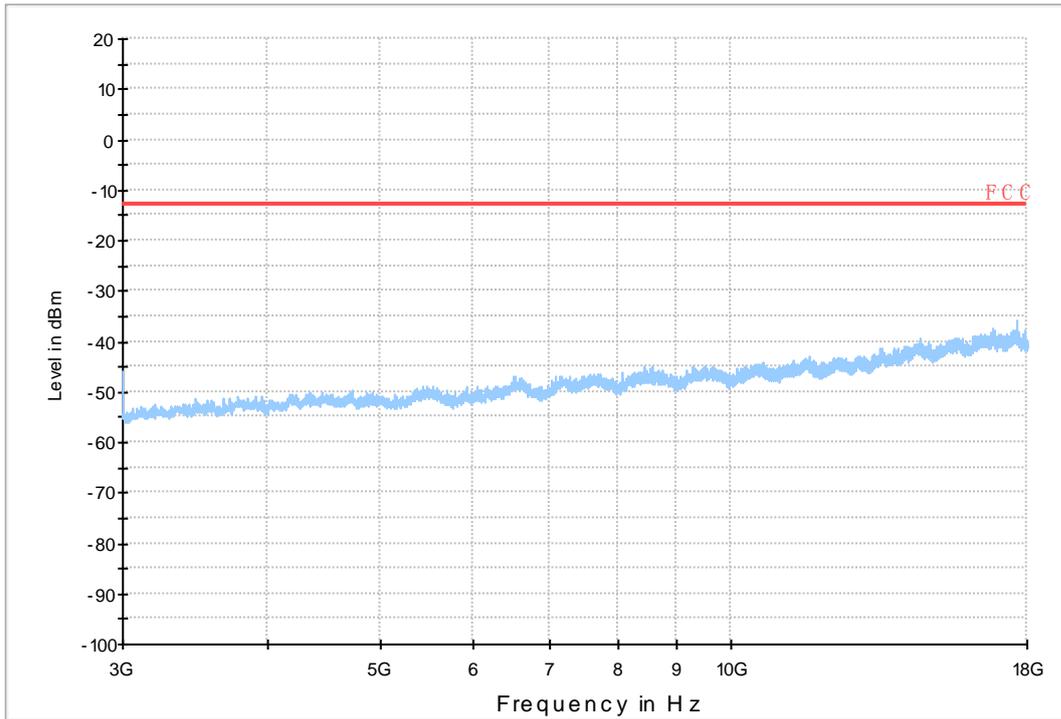
7.1.2.2 Test Bandwidth = 10



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
BAND26	LTE/TM1	1.4	LCH	TN	VL	3.75	0.0046	PASS
					VN	-3.32	-0.00408	PASS
					VH	-5.39	-0.00662	PASS
			MCH	TN	VL	7.24	0.00884	PASS
					VN	1.36	0.00166	PASS
					VH	5.75	0.00702	PASS
			HCH	TN	VL	-5.46	-0.00663	PASS
					VN	8.75	0.01063	PASS
					VH	-7.05	-0.00856	PASS
		3	LCH	TN	VL	11.82	0.01449	PASS
					VN	-0.80	-0.00098	PASS
					VH	8.31	0.01019	PASS
			MCH	TN	VL	0.56	0.00068	PASS
					VN	-4.05	-0.00495	PASS
					VH	-0.90	-0.0011	PASS
			HCH	TN	VL	3.50	0.00426	PASS
					VN	8.38	0.01019	PASS
					VH	6.68	0.00812	PASS
		5	LCH	TN	VL	-4.02	-0.00492	PASS
					VN	0.47	0.00058	PASS
					VH	-3.48	-0.00426	PASS
			MCH	TN	VL	3.20	0.00391	PASS
					VN	4.02	0.00491	PASS
					VH	-1.62	-0.00198	PASS
			HCH	TN	VL	-2.70	-0.00329	PASS
					VN	-6.57	-0.008	PASS
					VH	1.96	0.00239	PASS
10	LCH	TN	VL	3.86	0.00471	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	0.63	0.00077	PASS		
					VH	3.96	0.00484	PASS		
					MCH	TN	VL	-0.41	-0.0005	PASS
							VN	-0.51	-0.00062	PASS
					VH	-0.87	-0.00106	PASS		
					HCH	TN	VL	0.34	0.00042	PASS
			VN	1.30			0.00159	PASS		
			VH	-1.34			-0.00164	PASS		
			LTE/TM2	1.4	LCH	TN	VL	10.74	0.01318	PASS
							VN	3.43	0.00421	PASS
							VH	10.30	0.01264	PASS
							MCH	TN	VL	1.54
	VN	5.56							0.00679	PASS
	VH	6.97					0.00851	PASS		
	HCH	TN			VL	-3.38	-0.00411	PASS		
					VN	10.59	0.01286	PASS		
					VH	23.37	0.02839	PASS		
	3	LCH			TN	VL	11.30	0.01386	PASS	
						VN	0.53	0.00065	PASS	
						VH	-5.81	-0.00712	PASS	
		MCH		TN	VL	3.96	0.00484	PASS		
					VN	11.03	0.01347	PASS		
					VH	-3.49	-0.00426	PASS		
	HCH	TN		VL	-11.90	-0.01447	PASS			
				VN	-0.74	-0.0009	PASS			
				VH	-2.57	-0.00312	PASS			
	5	LCH		TN	VL	1.07	0.00131	PASS		
					VN	2.39	0.00293	PASS		
					VH	-0.20	-0.00024	PASS		
		MCH		TN	VL	3.75	0.00458	PASS		
					VN	1.33	0.00162	PASS		
					VH	1.70	0.00208	PASS		
		HCH	TN	VL	-3.58	-0.00436	PASS			
				VN	0.04	0.00005	PASS			
				VH	-3.86	-0.0047	PASS			
	10	LCH	TN	VL	-0.94	-0.00115	PASS			
				VN	0.30	0.00037	PASS			
				VH	1.29	0.00158	PASS			
	MCH	TN	VL	-6.11	-0.00746	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.69	0.00206	PASS
					VH	-0.54	-0.00066	PASS
			HCH		VL	-1.19	-0.00145	PASS
					VN	-4.66	-0.00569	PASS
					VH	-0.77	-0.00094	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	10.27	0.01261	PASS
					-20	7.68	0.00943	PASS
					-10	1.69	0.00207	PASS
					0	1.97	0.00242	PASS
					10	8.18	0.01004	PASS
					20	-11.89	-0.01459	PASS
					30	1.24	0.00152	PASS
					40	6.15	0.00755	PASS
			50	14.95	0.01835	PASS		
			MCH	VN	-30	-8.58	-0.01048	PASS
					-20	-0.10	-0.00012	PASS
					-10	19.93	0.02433	PASS
					0	-2.07	-0.00253	PASS
					10	12.85	0.01569	PASS
					20	-6.64	-0.00811	PASS
					30	3.68	0.00449	PASS
					40	-2.25	-0.00275	PASS
			HCH	VN	-30	9.03	0.01097	PASS
					-20	3.43	0.00417	PASS
					-10	1.36	0.00165	PASS
					0	0.87	0.00106	PASS
					10	9.61	0.01167	PASS
					20	-5.85	-0.00711	PASS
					30	2.45	0.00298	PASS
		40			-4.58	-0.00556	PASS	
		50	6.29	0.00764	PASS			
		3	LCH	VN	-30	4.89	0.006	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		5			-20	-3.81	-0.00467	PASS	
					-10	1.86	0.00228	PASS	
					0	-2.12	-0.0026	PASS	
					10	0.31	0.00038	PASS	
					20	-1.93	-0.00237	PASS	
					30	0.06	0.00007	PASS	
					40	0.26	0.00032	PASS	
					50	-0.99	-0.00121	PASS	
			MCH	VN	-30	0.20	0.00024	PASS	
					-20	-2.53	-0.00309	PASS	
					-10	1.65	0.00201	PASS	
					0	1.22	0.00149	PASS	
					10	-5.42	-0.00662	PASS	
					20	1.62	0.00198	PASS	
					30	-0.23	-0.00028	PASS	
					40	0.79	0.00096	PASS	
			HCH	VN	-30	-8.48	-0.01031	PASS	
					-20	7.94	0.00965	PASS	
					-10	1.42	0.00173	PASS	
					0	-4.45	-0.00541	PASS	
					10	-2.42	-0.00294	PASS	
					20	-7.61	-0.00925	PASS	
					30	0.73	0.00089	PASS	
					40	2.92	0.00355	PASS	
			5	LCH	VN	-30	-11.17	-0.01368	PASS
						-20	4.18	0.00512	PASS
						-10	0.94	0.00115	PASS
						0	-0.92	-0.00113	PASS
		10				-6.79	-0.00832	PASS	
		20				-2.32	-0.00284	PASS	
		30				-8.21	-0.01006	PASS	
		40				-9.84	-0.01205	PASS	
		50		8.80	0.01078	PASS			
		MCH		VN	-30	4.56	0.00557	PASS	
					-20	5.68	0.00694	PASS	
					-10	-0.60	-0.00073	PASS	
			0		2.70	0.0033	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-3.43	-0.00419	PASS		
					20	-3.88	-0.00474	PASS		
					30	1.36	0.00166	PASS		
					40	-0.66	-0.00081	PASS		
					50	7.18	0.00877	PASS		
			HCH	VN	-30	3.16	0.00385	PASS		
					-20	-1.65	-0.00201	PASS		
					-10	-2.35	-0.00286	PASS		
					0	-2.39	-0.00291	PASS		
					10	-0.06	-0.00007	PASS		
					20	-0.96	-0.00117	PASS		
					30	6.74	0.0082	PASS		
					40	6.52	0.00794	PASS		
					50	-2.00	-0.00243	PASS		
					LCH	VN	-30	-2.12	-0.00259	PASS
		-20	-4.26	-0.0052			PASS			
		-10	0.19	0.00023			PASS			
		0	1.53	0.00187			PASS			
		10	-0.23	-0.00028			PASS			
		20	-1.72	-0.0021			PASS			
		30	-1.59	-0.00194			PASS			
		40	0.56	0.00068			PASS			
		MCH	VN	-30	-2.79	-0.00341	PASS			
				-20	-1.17	-0.00143	PASS			
				-10	-2.15	-0.00263	PASS			
				0	-1.95	-0.00238	PASS			
				10	1.32	0.00161	PASS			
				20	3.65	0.00446	PASS			
				30	-3.28	-0.004	PASS			
				40	2.19	0.00267	PASS			
				50	2.06	0.00252	PASS			
				HCH	VN	-30	-0.34	-0.00042	PASS	
		-20	-1.95			-0.00238	PASS			
-10	-5.48	-0.00669	PASS							
0	0.34	0.00042	PASS							
10	-0.17	-0.00021	PASS							
20	1.76	0.00215	PASS							
30	-4.95	-0.00604	PASS							
10					-30	-2.12	-0.00259	PASS		
					-20	-4.26	-0.0052	PASS		
					-10	0.19	0.00023	PASS		
					0	1.53	0.00187	PASS		
					10	-0.23	-0.00028	PASS		
					20	-1.72	-0.0021	PASS		
					30	-1.59	-0.00194	PASS		
					40	0.56	0.00068	PASS		
					50	0.84	0.00103	PASS		
							-30	-2.79	-0.00341	PASS
							-20	-1.17	-0.00143	PASS
							-10	-2.15	-0.00263	PASS
							0	-1.95	-0.00238	PASS
							10	1.32	0.00161	PASS
							20	3.65	0.00446	PASS
							30	-3.28	-0.004	PASS
							40	2.19	0.00267	PASS
							50	2.06	0.00252	PASS



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	-1.97	-0.00241	PASS
					50	2.62	0.0032	PASS
					-30	10.39	0.01275	PASS
					-20	2.43	0.00298	PASS
					-10	-0.14	-0.00017	PASS
					0	7.77	0.00954	PASS
					10	3.93	0.00482	PASS
					20	-22.59	-0.02773	PASS
			MCH	VN	-30	2.03	0.00248	PASS
					-20	-14.15	-0.01728	PASS
					-10	4.35	0.00531	PASS
					0	-0.20	-0.00024	PASS
					10	-4.68	-0.00571	PASS
					20	23.09	0.02819	PASS
					30	1.57	0.00192	PASS
					40	-3.39	-0.00414	PASS
		HCH	VN	-30	-4.21	-0.00511	PASS	
				-20	-10.81	-0.01313	PASS	
				-10	0.29	0.00035	PASS	
				0	2.15	0.00261	PASS	
				10	16.01	0.01945	PASS	
				20	6.84	0.00831	PASS	
				30	-4.45	-0.00541	PASS	
				40	-0.26	-0.00032	PASS	
		3	LCH	VN	-30	2.79	0.00342	PASS
					-20	3.39	0.00416	PASS
					-10	0.33	0.0004	PASS
					0	2.76	0.00338	PASS
					10	1.00	0.00123	PASS
					20	0.23	0.00028	PASS
					30	-7.52	-0.00922	PASS
					40	-0.90	-0.0011	PASS
MCH	VN		-30	1.19	0.00145	PASS		
			50	-1.44	-0.00177	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	2.47	0.00301	PASS
					20	-2.80	-0.00341	PASS
					30	-1.86	-0.00226	PASS
					40	0.56	0.00068	PASS
					50	-0.69	-0.00084	PASS
		10	LCH	VN	-30	2.85	0.00348	PASS
					-20	-2.60	-0.00317	PASS
					-10	-3.45	-0.00421	PASS
					0	0.11	0.00013	PASS
					10	-2.82	-0.00344	PASS
					20	-1.22	-0.00149	PASS
					30	-2.22	-0.00271	PASS
					40	0.39	0.00048	PASS
					50	-2.39	-0.00292	PASS
					MCH	VN	-30	-0.59
			-20	4.22			0.00515	PASS
			-10	-3.13			-0.00382	PASS
			0	2.40			0.00293	PASS
			10	-1.24			-0.00151	PASS
			20	-0.79			-0.00096	PASS
			30	0.73			0.00089	PASS
			40	1.52			0.00186	PASS
			HCH	VN	50	0.30	0.00037	PASS
					-30	2.40	0.00293	PASS
					-20	0.37	0.00045	PASS
					-10	-0.39	-0.00048	PASS
					0	-0.72	-0.00088	PASS
					10	-1.33	-0.00162	PASS
					20	-3.15	-0.00385	PASS
			30	-2.45	-0.00299	PASS		
40	-2.03	-0.00248	PASS					
50	-0.87	-0.00106	PASS					

END