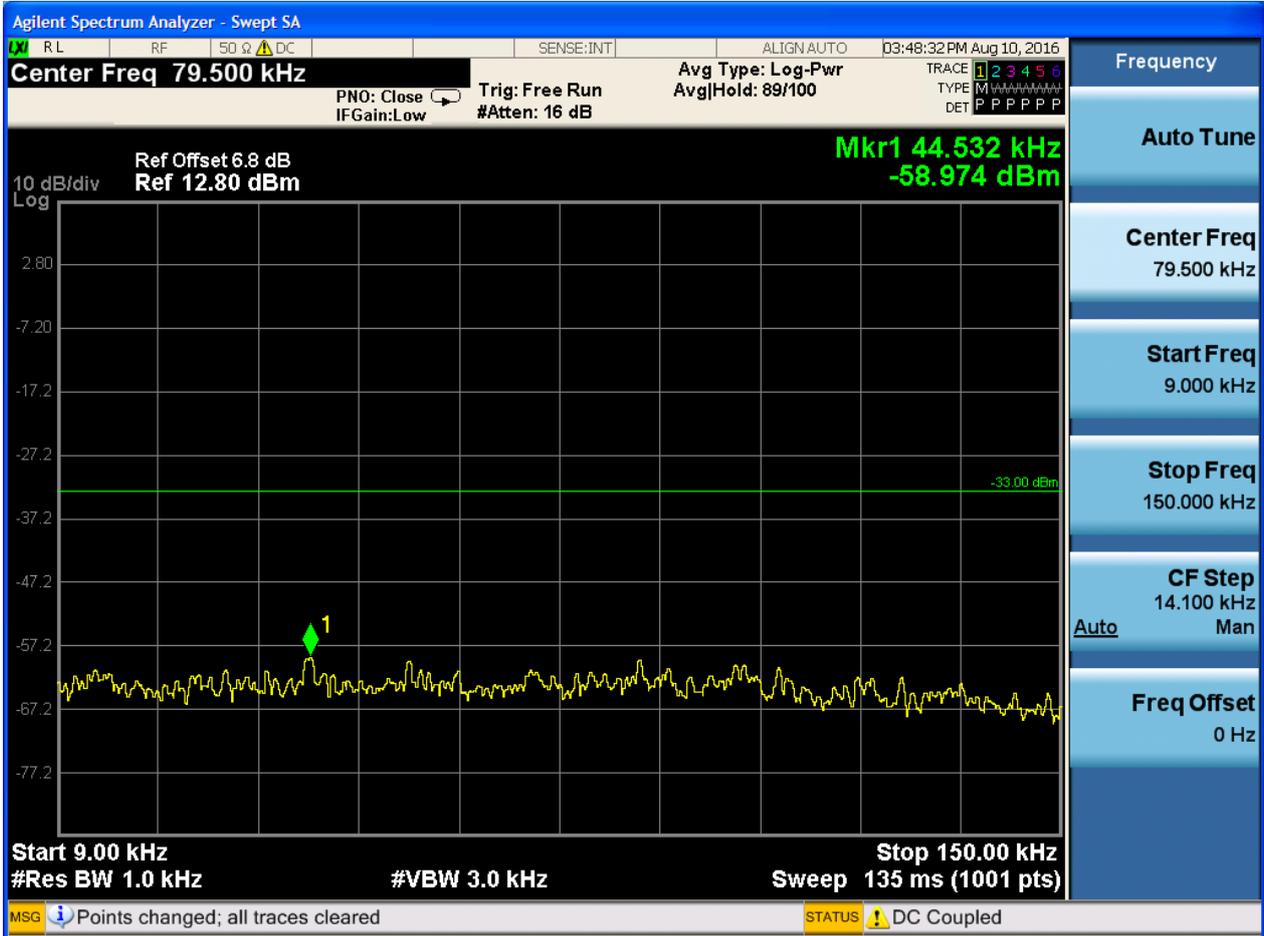


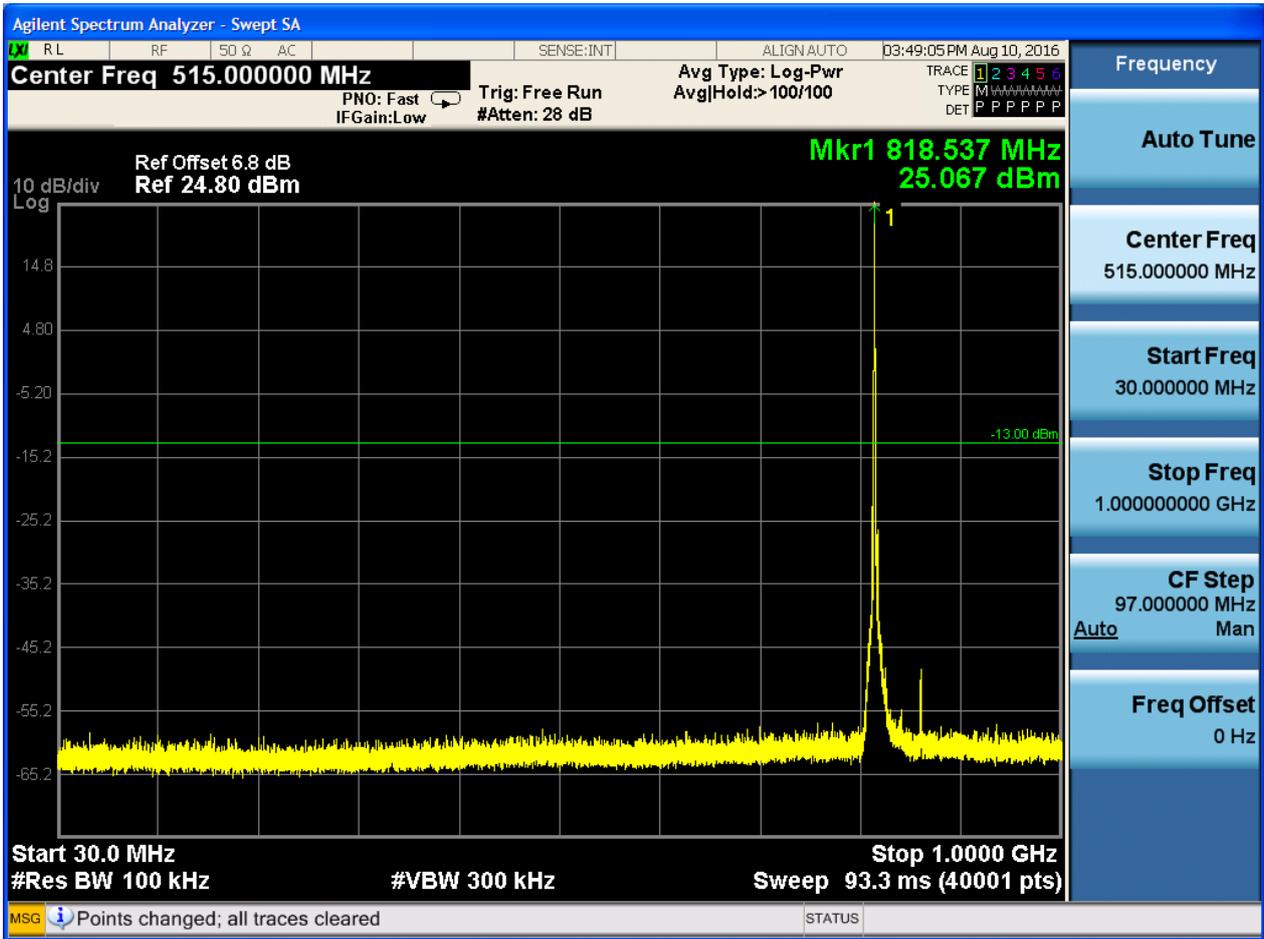


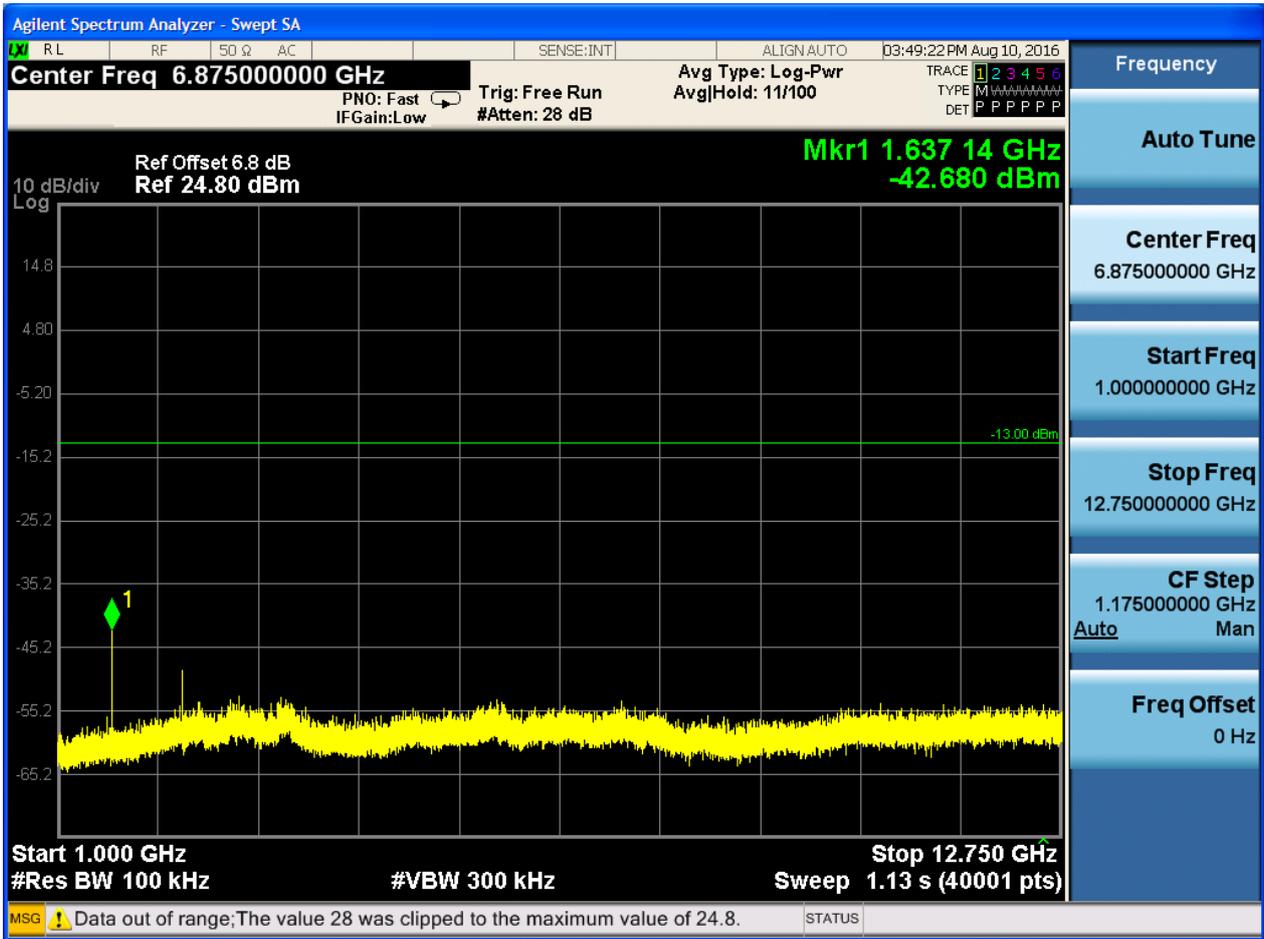
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0





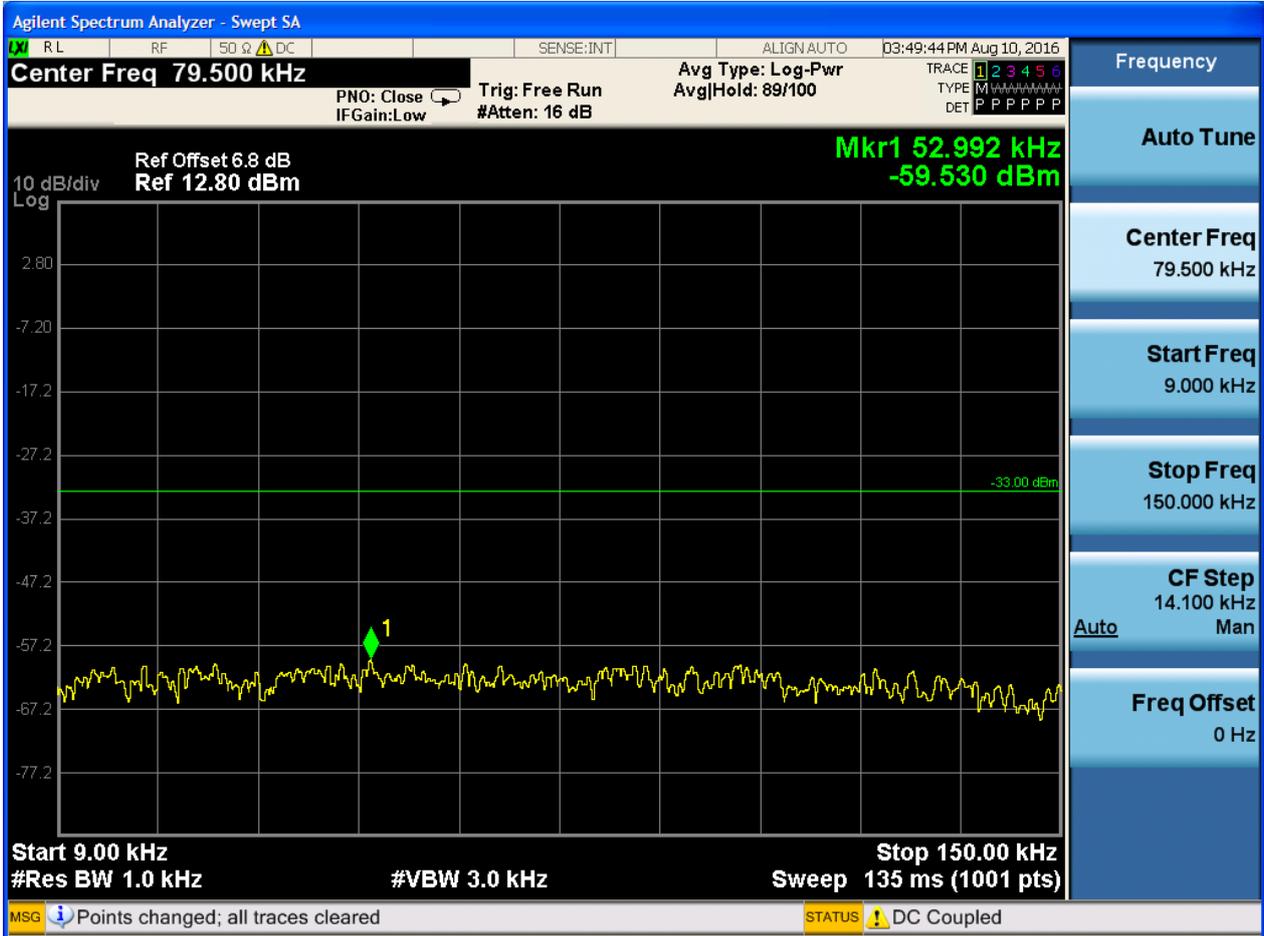


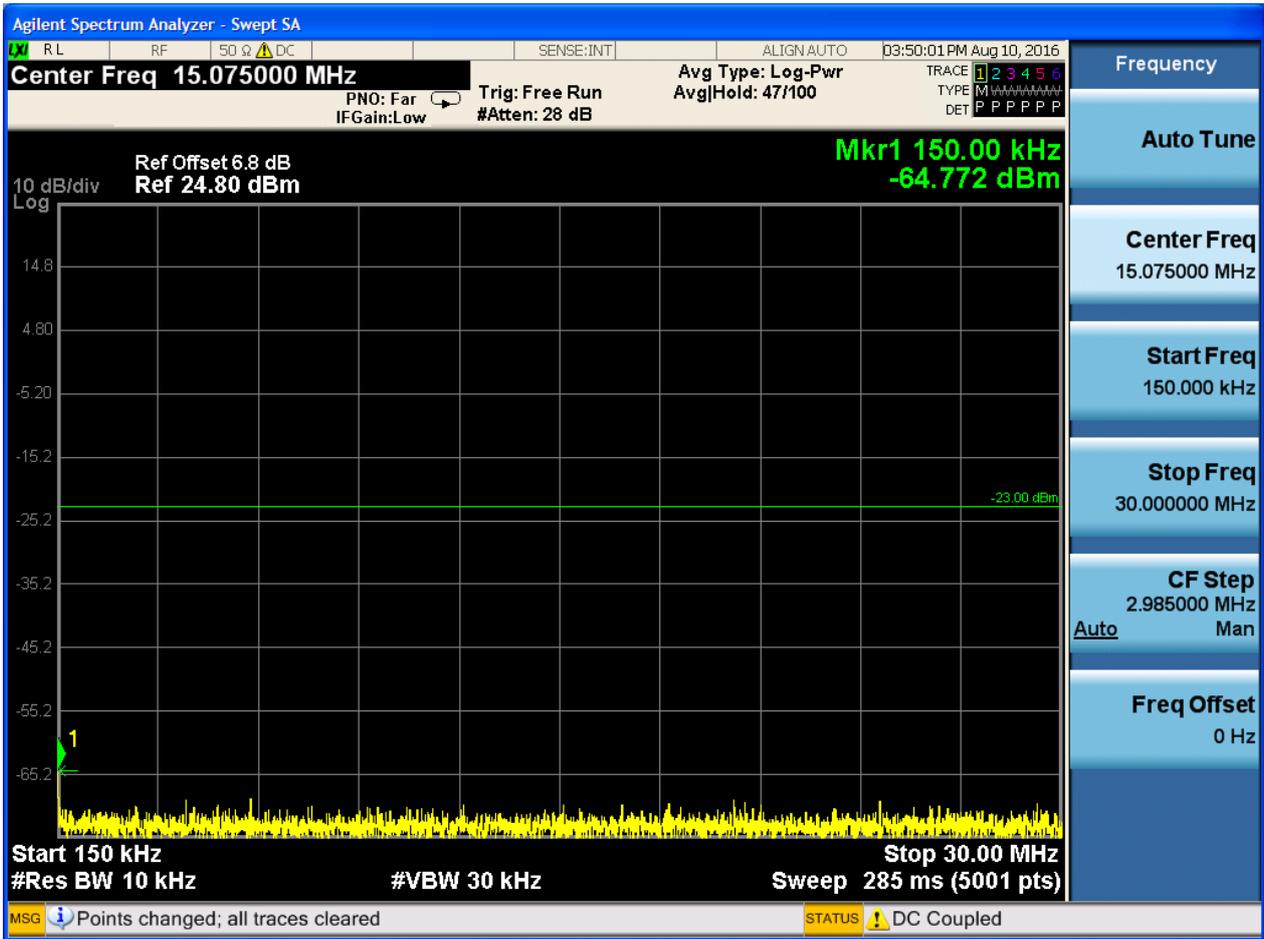


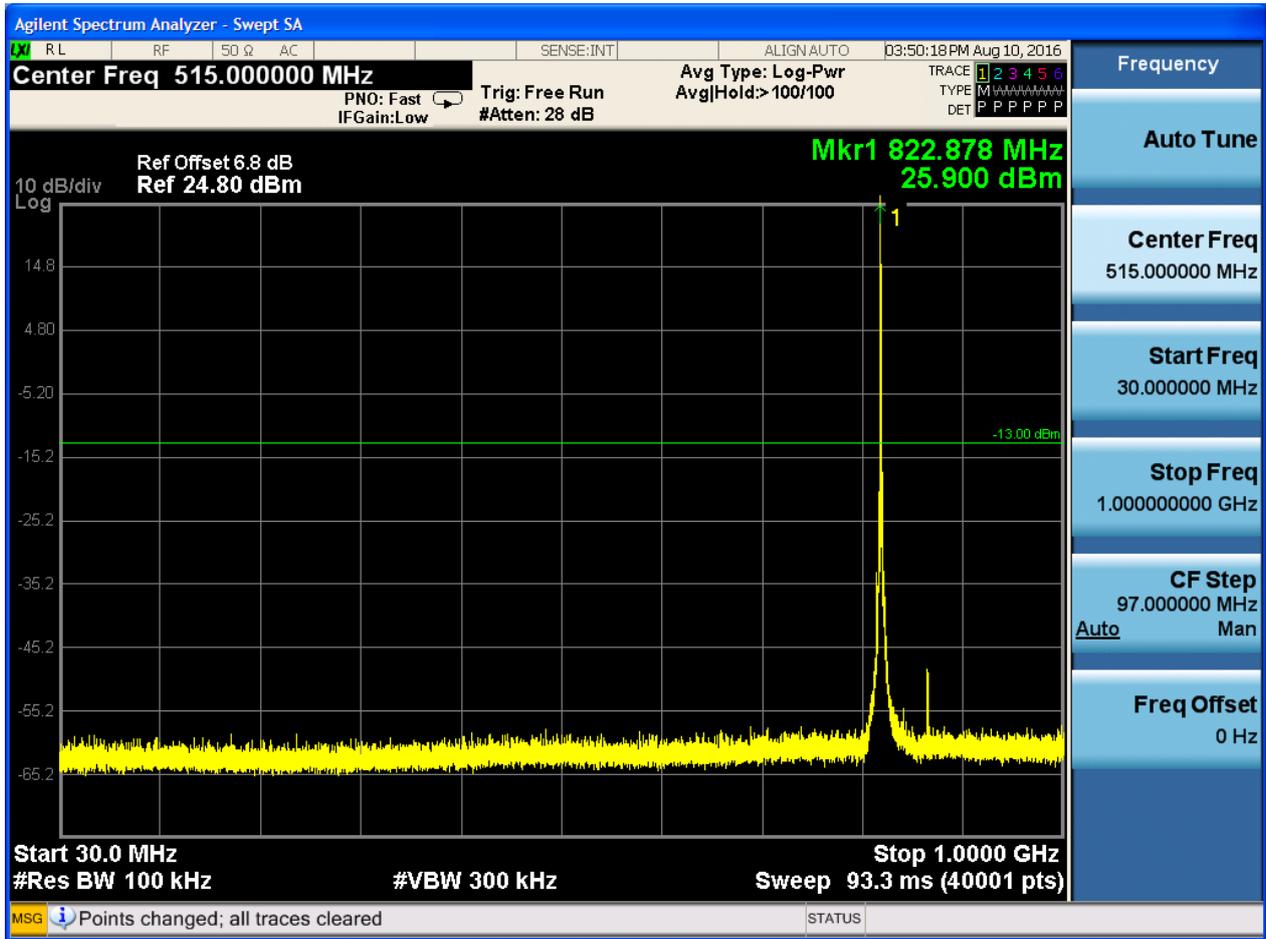


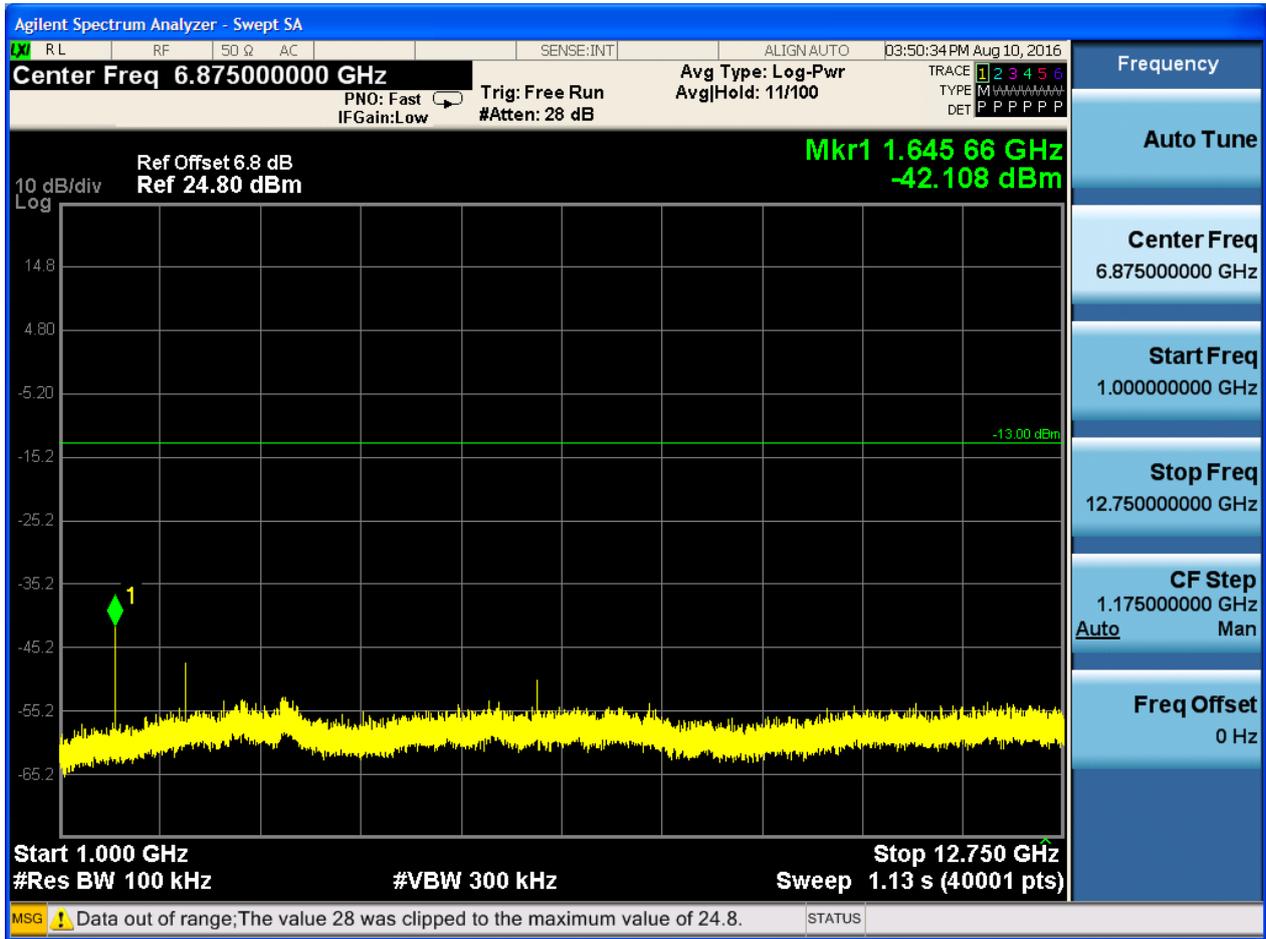
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







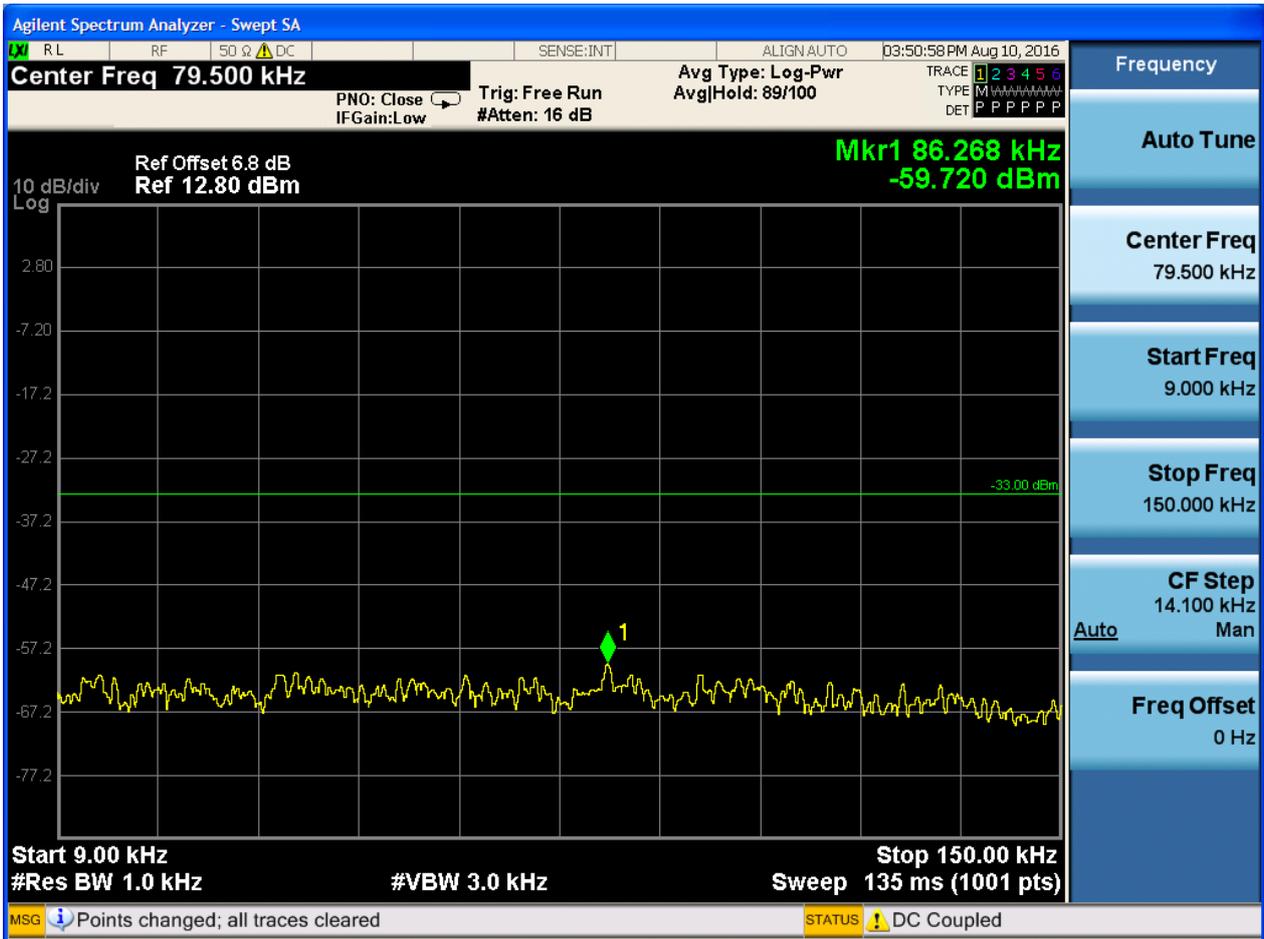


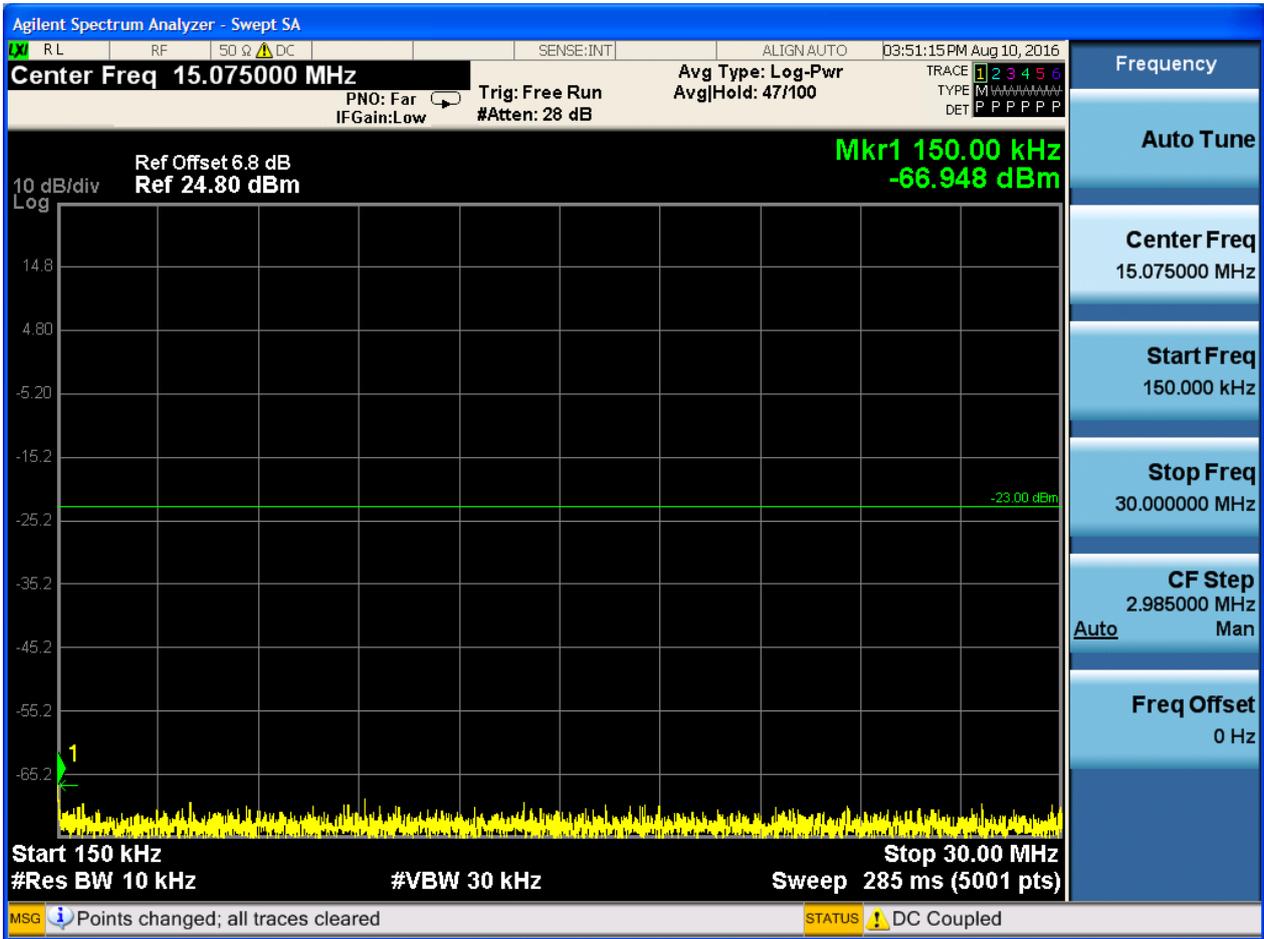


6.1.1.2.2 Test Bandwidth = 3

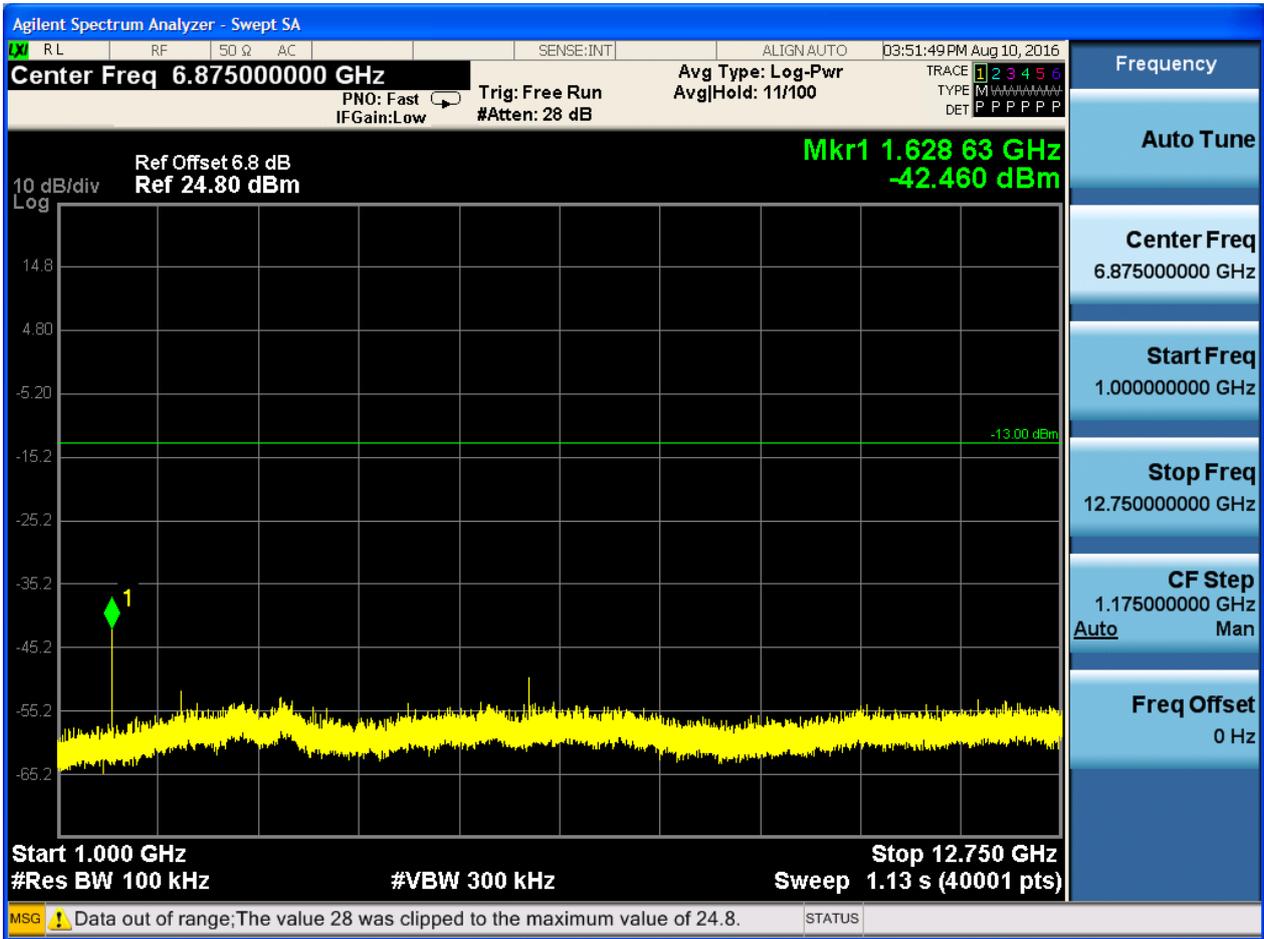
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0





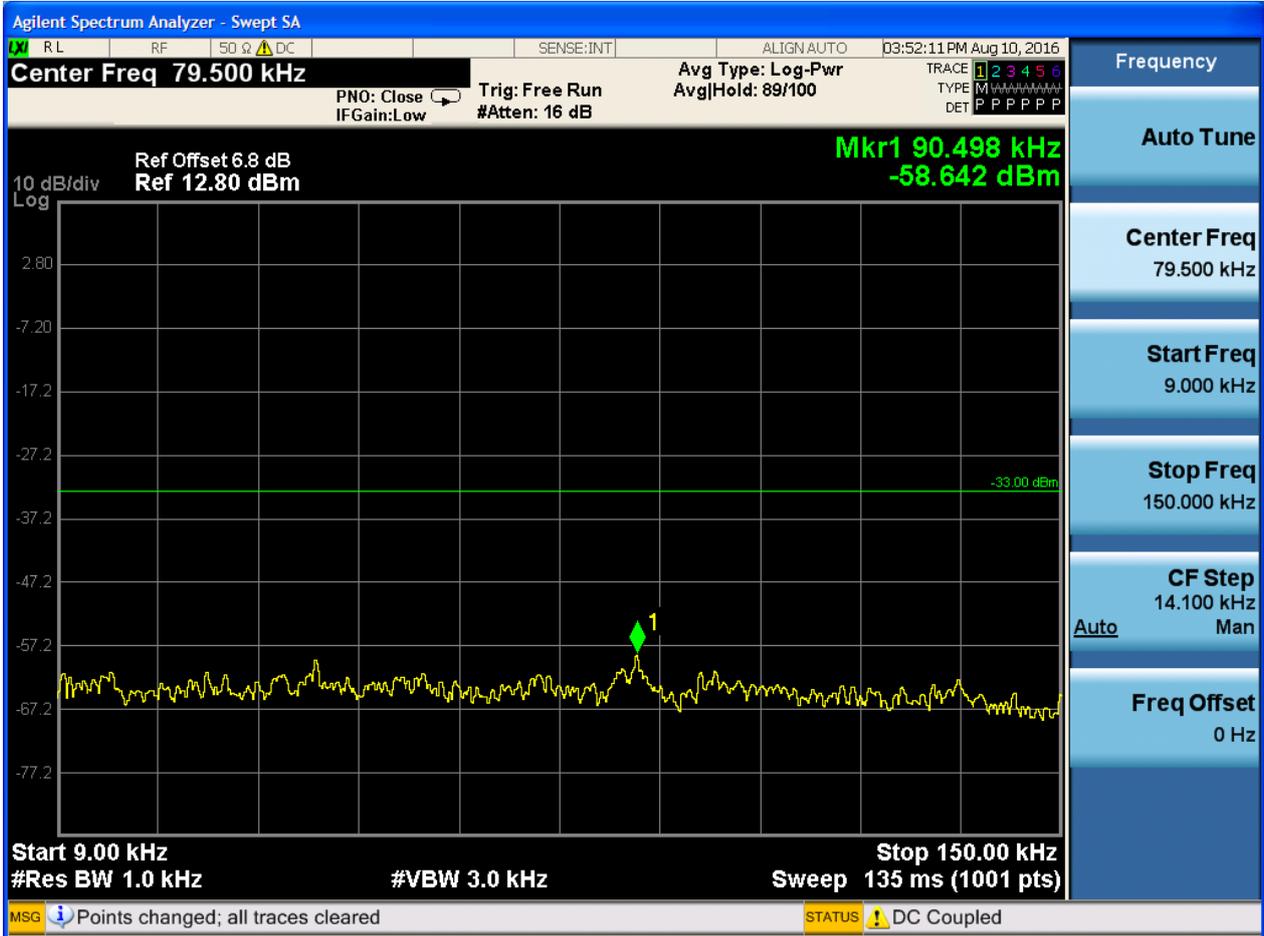


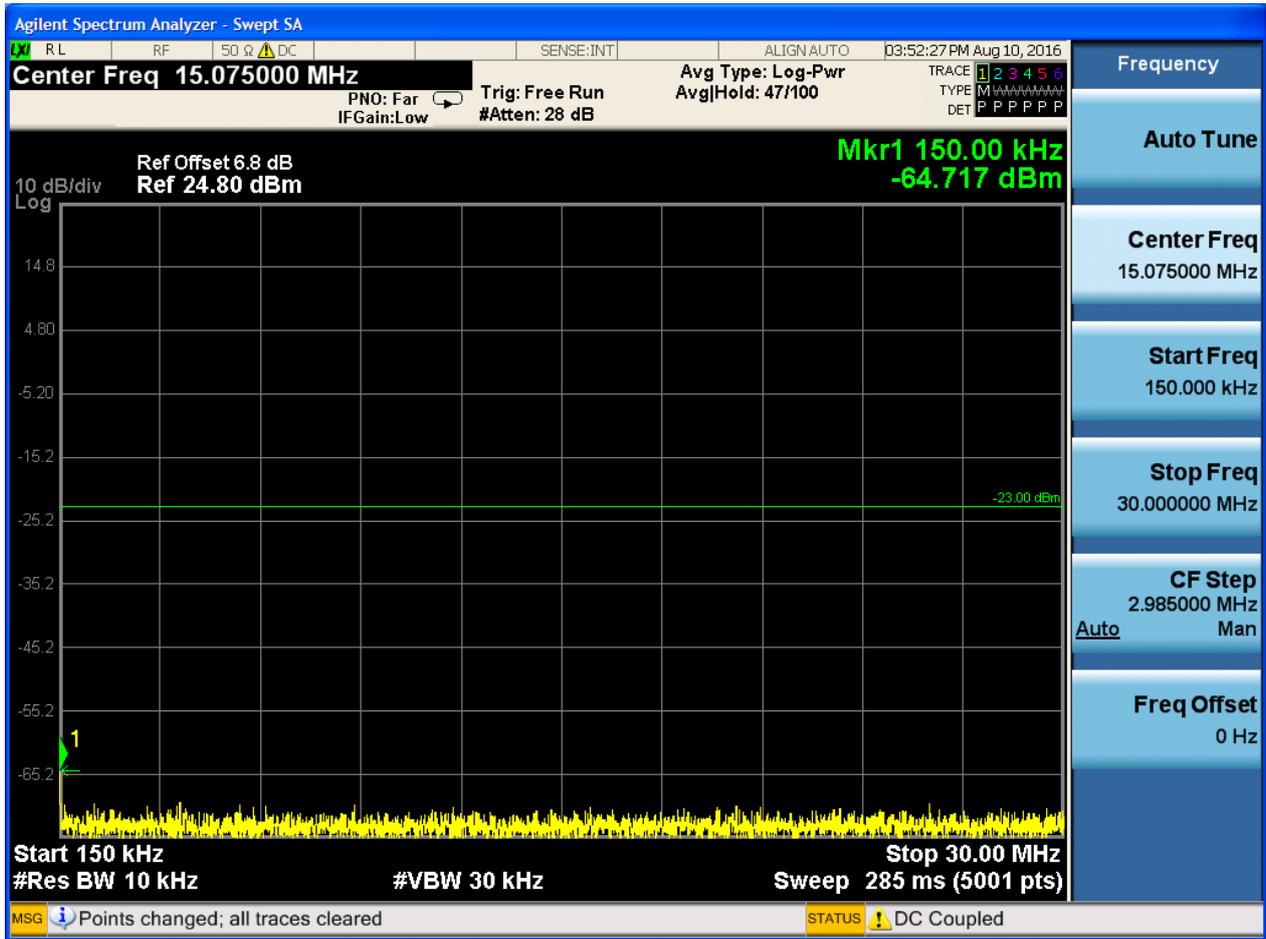


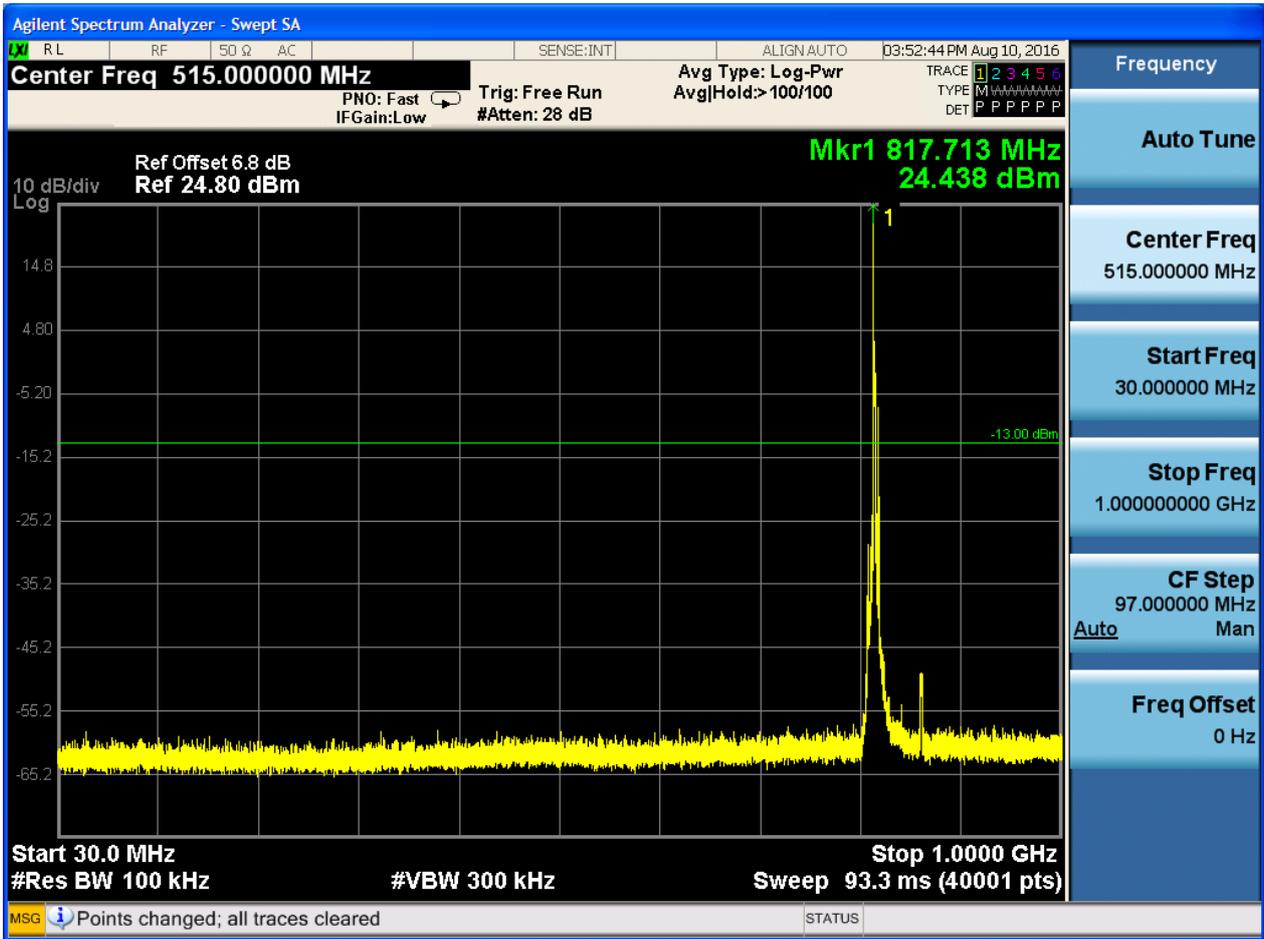


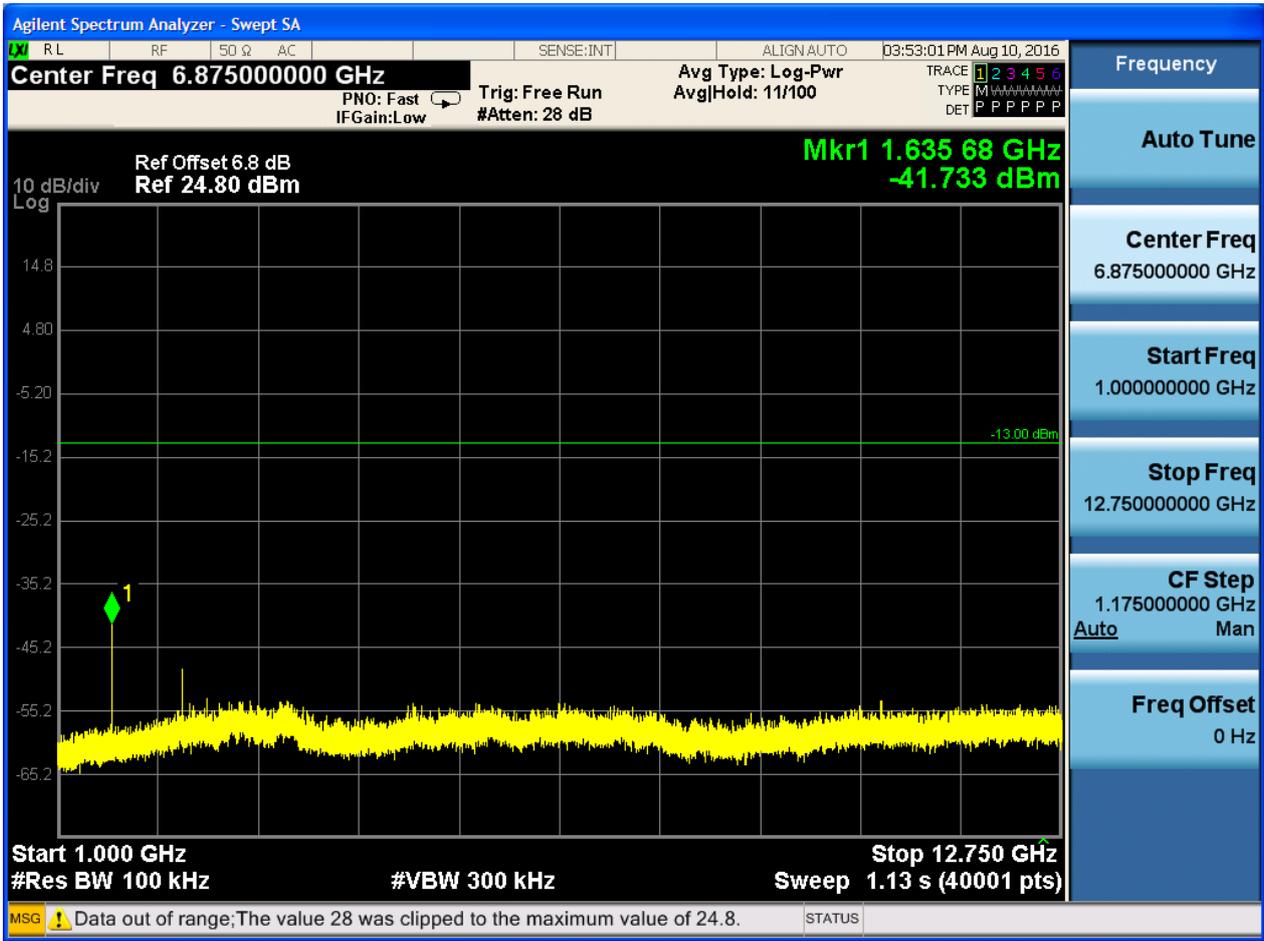
6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0





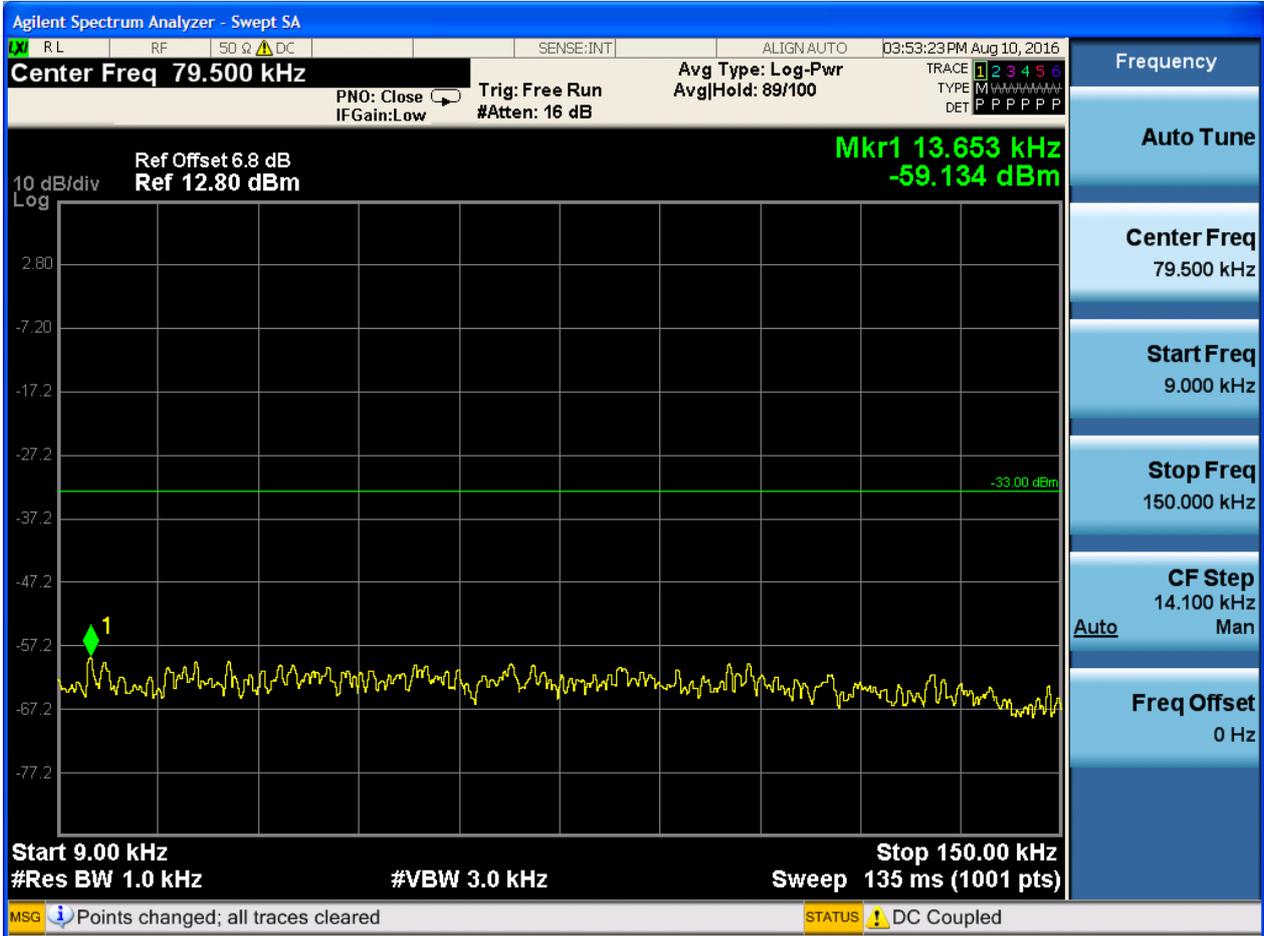


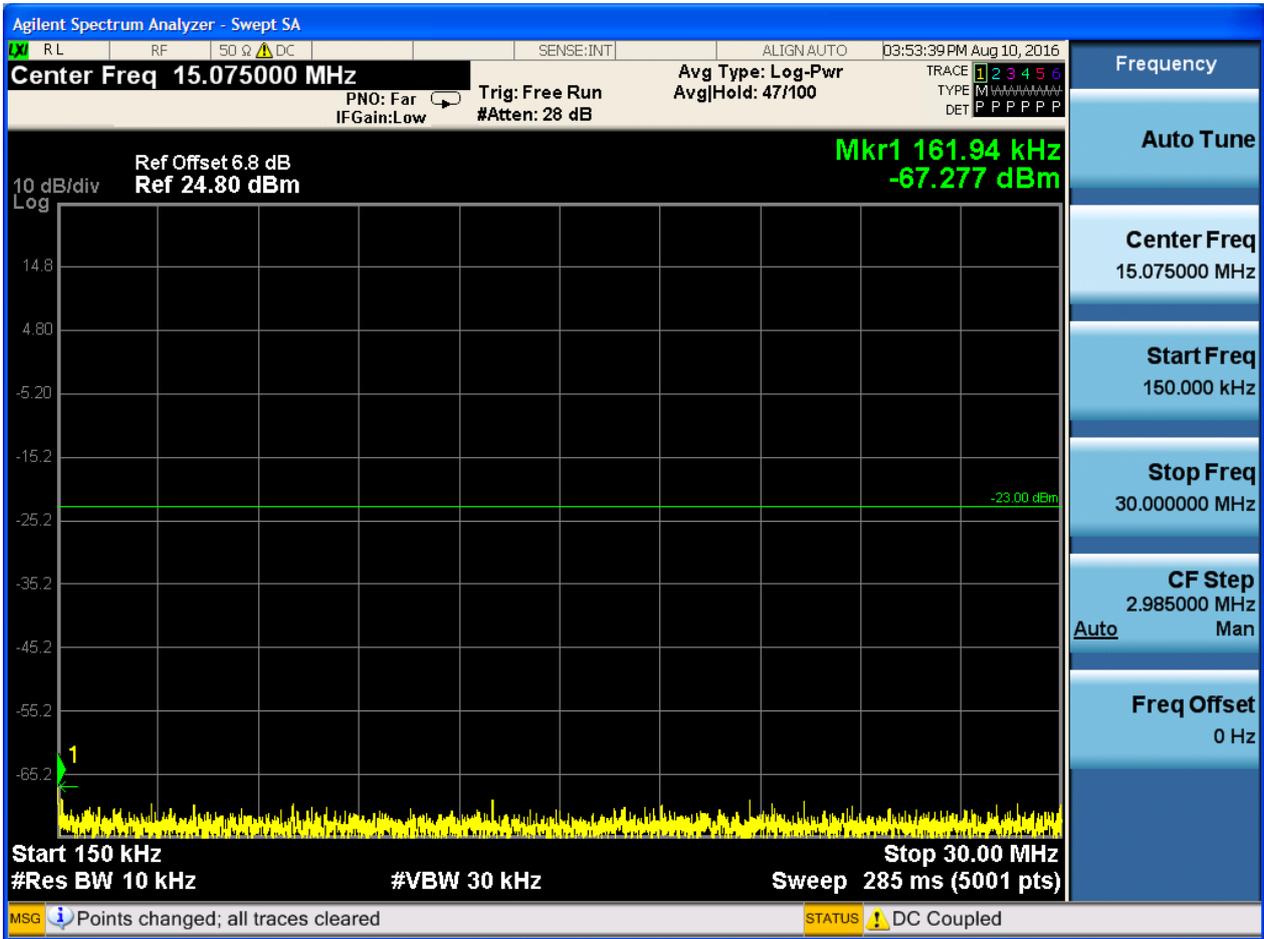


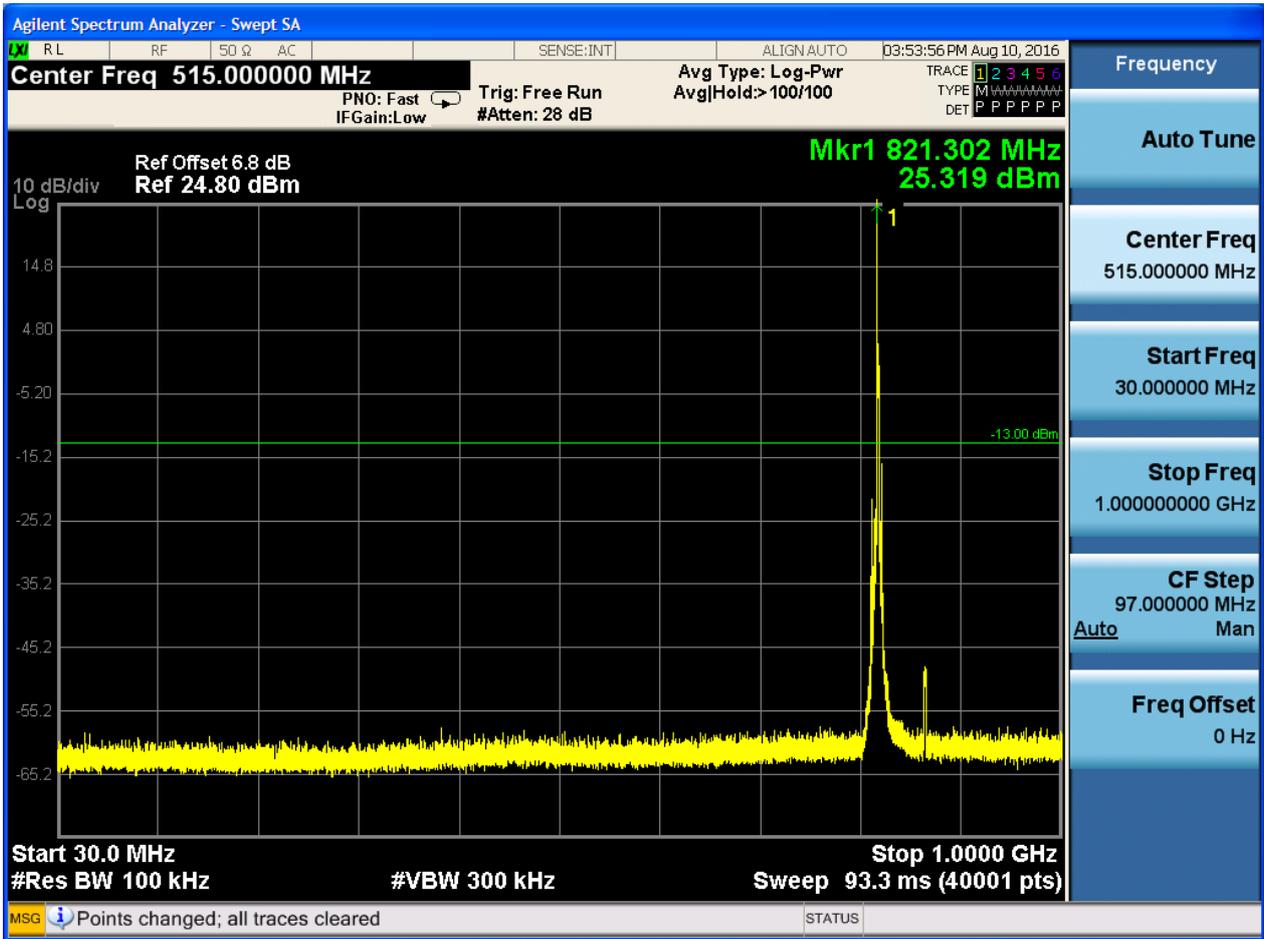


6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







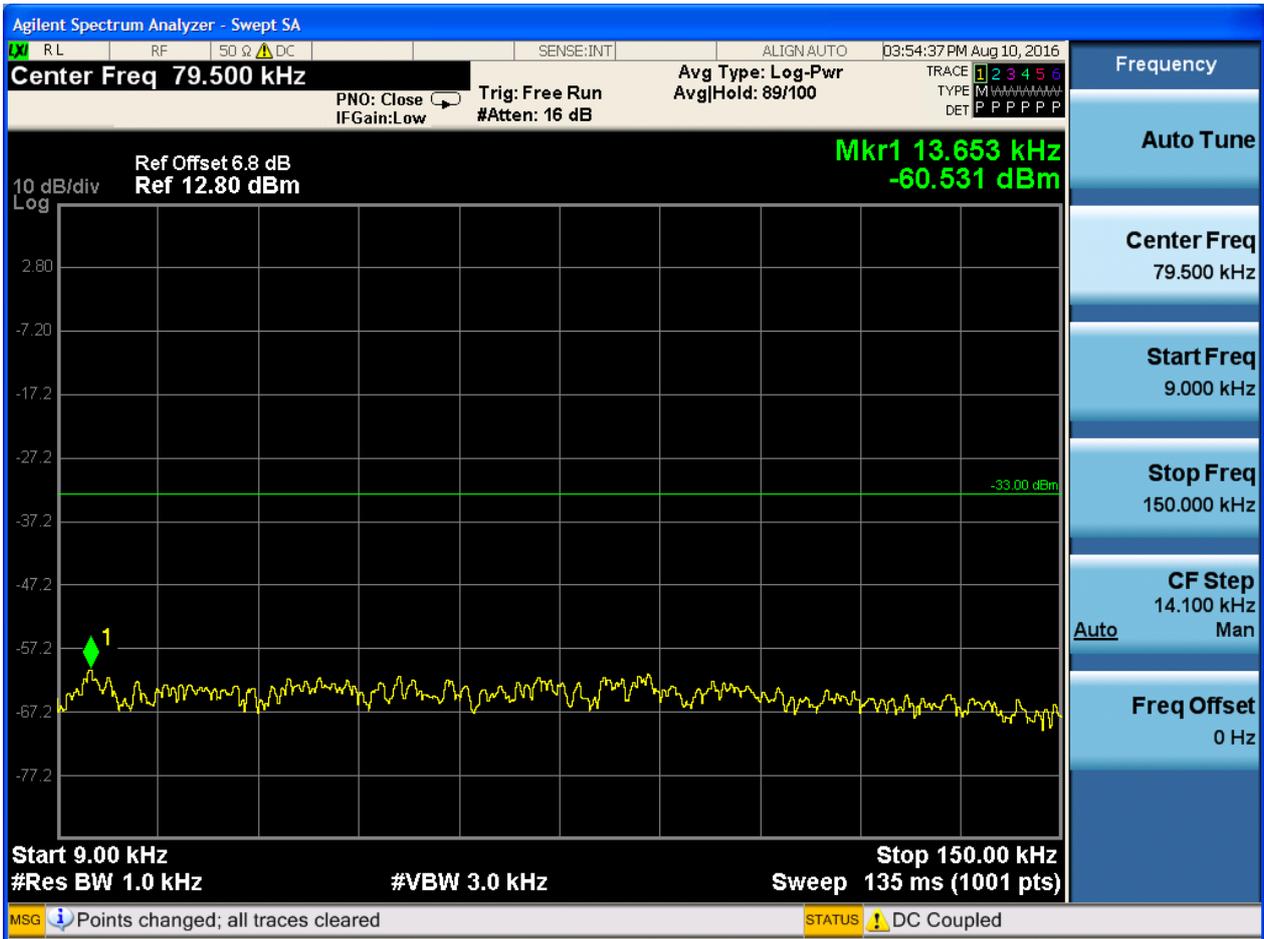




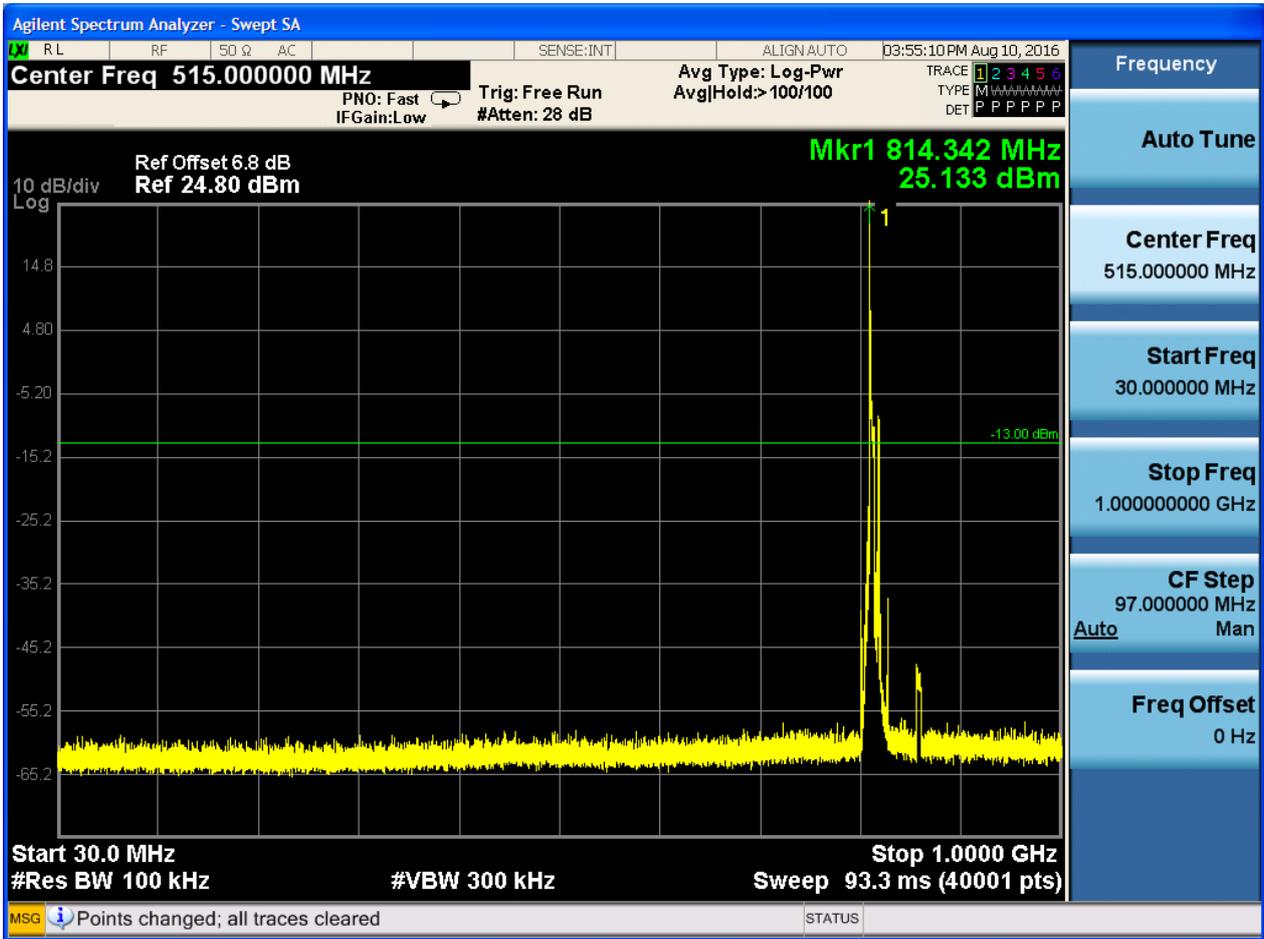
6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0





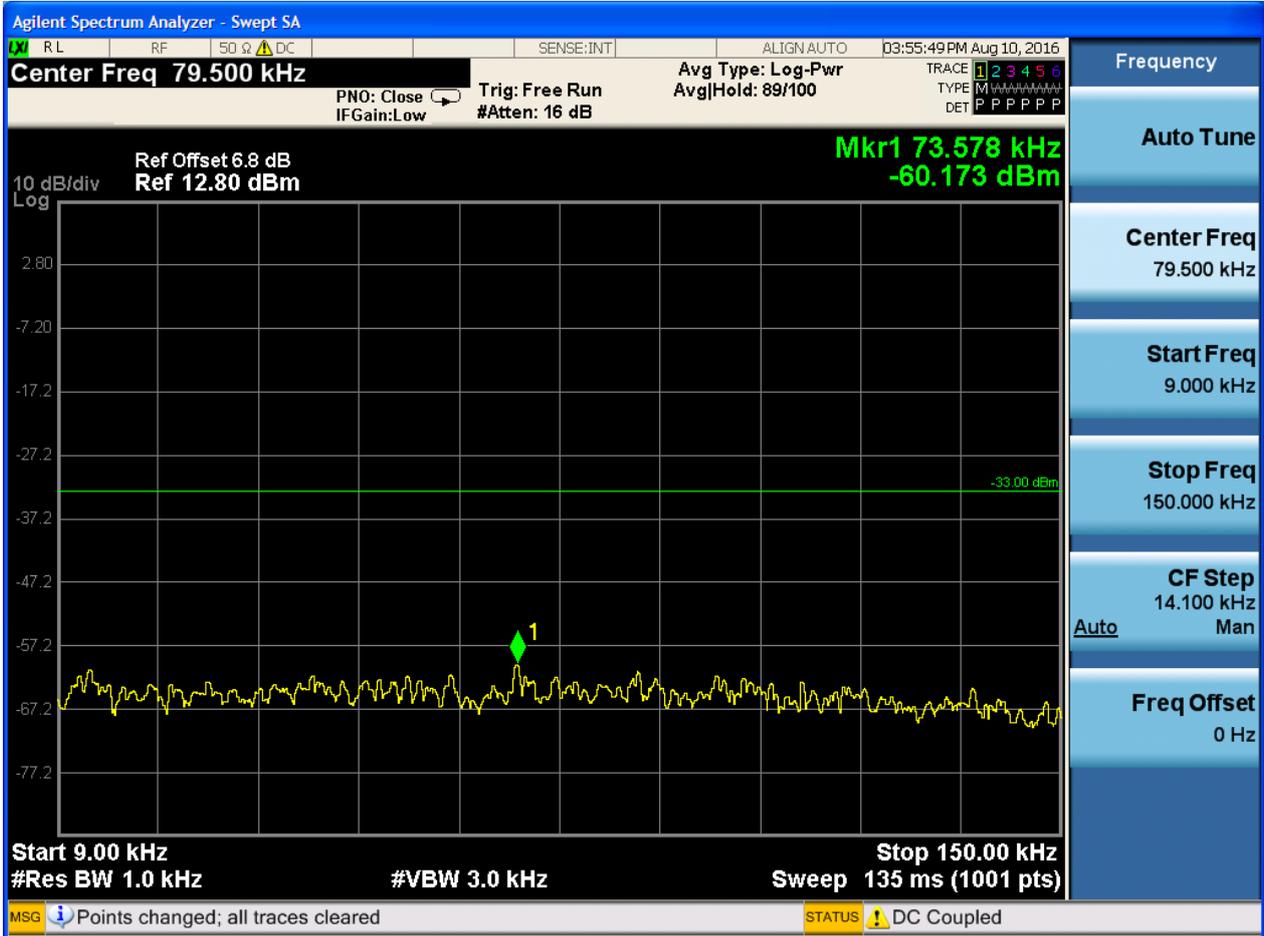






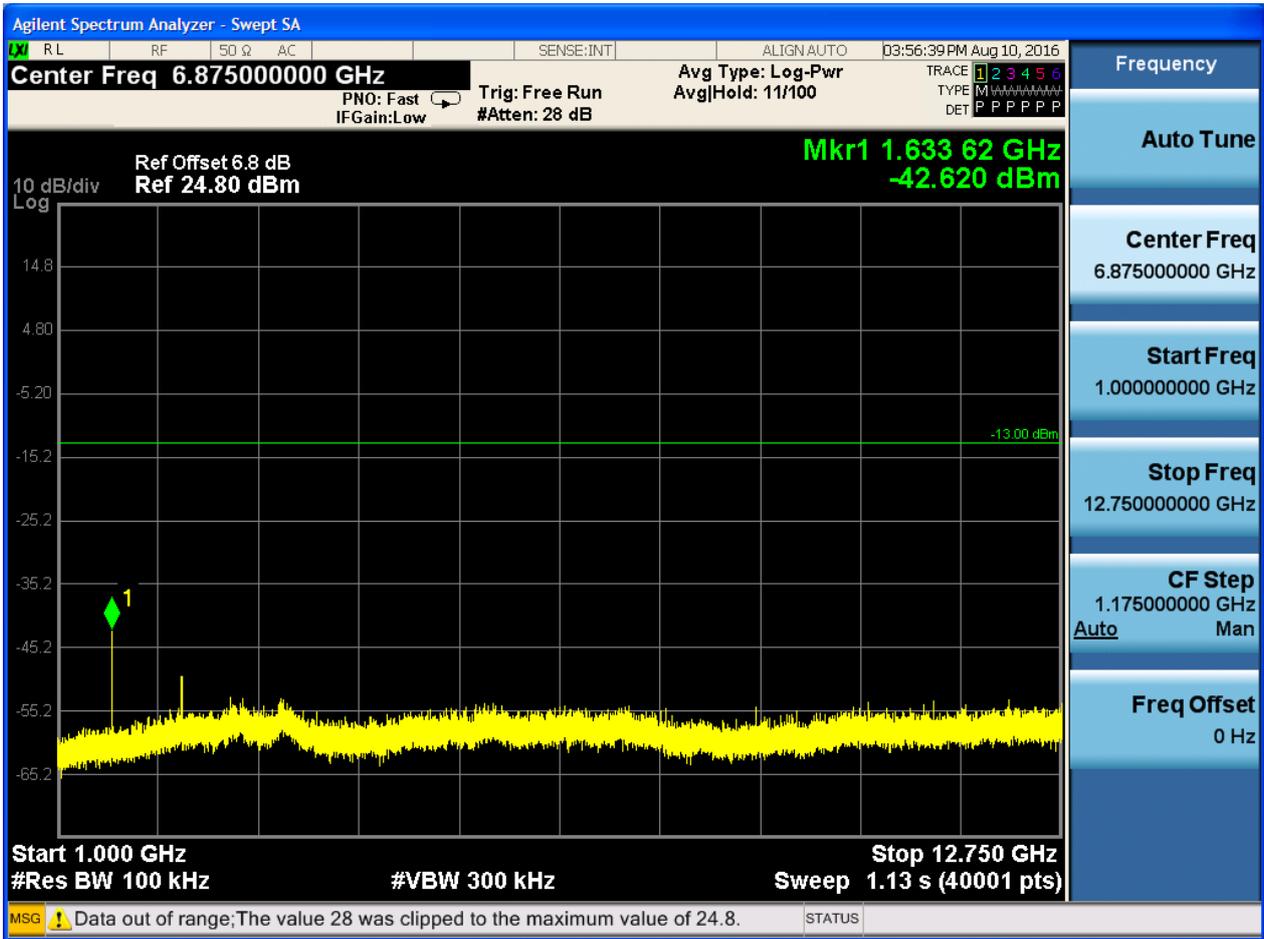
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0

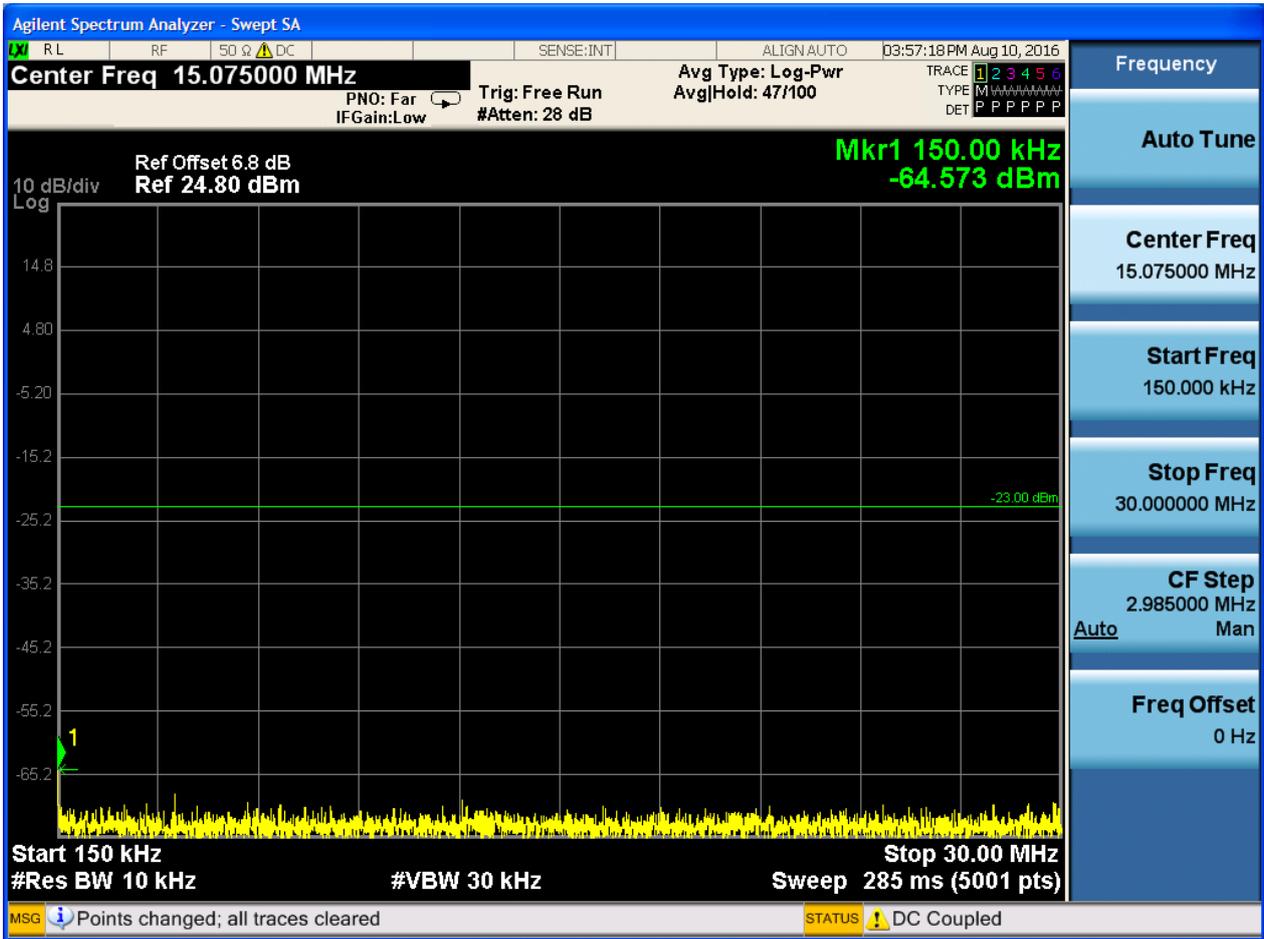


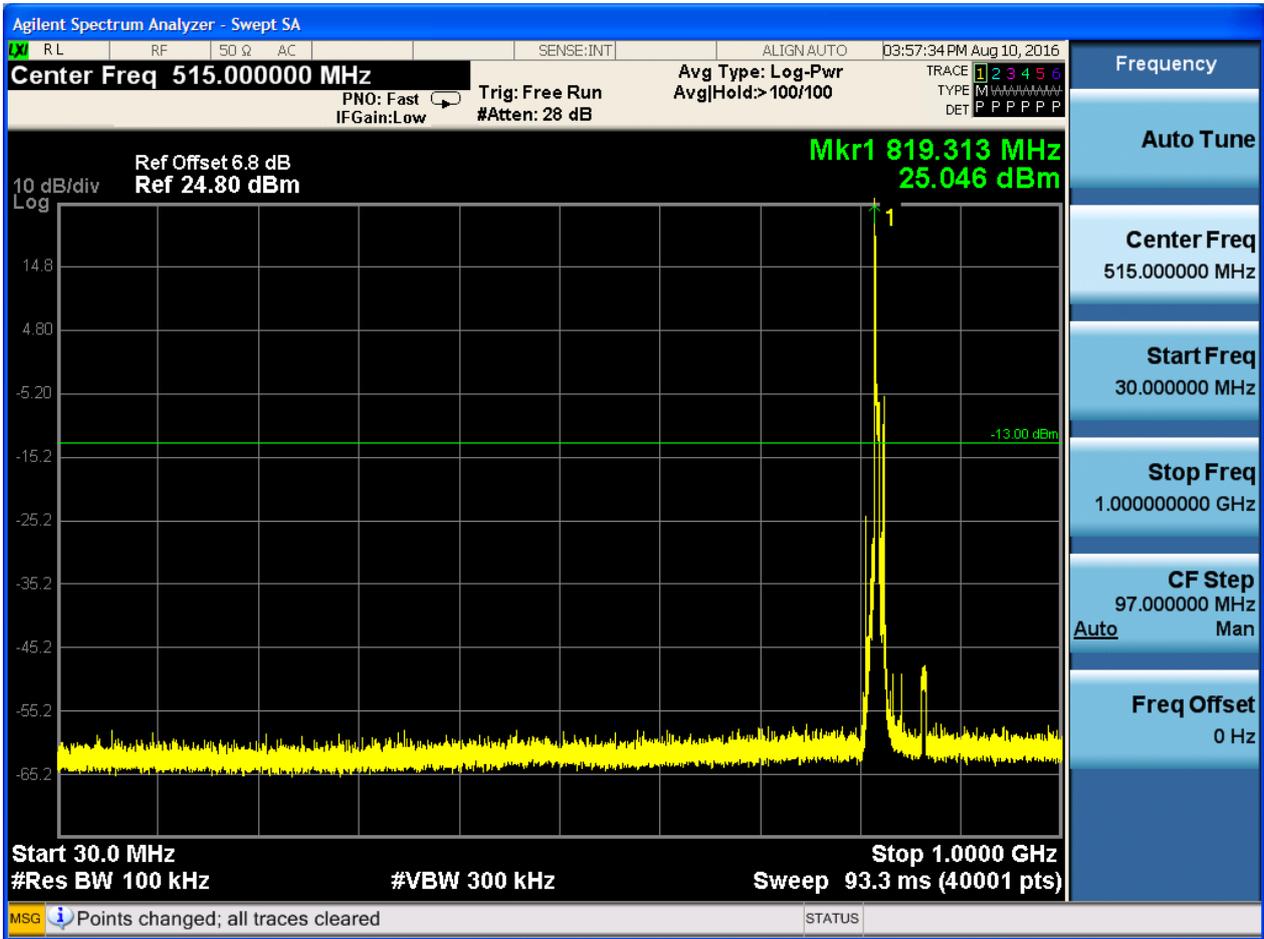


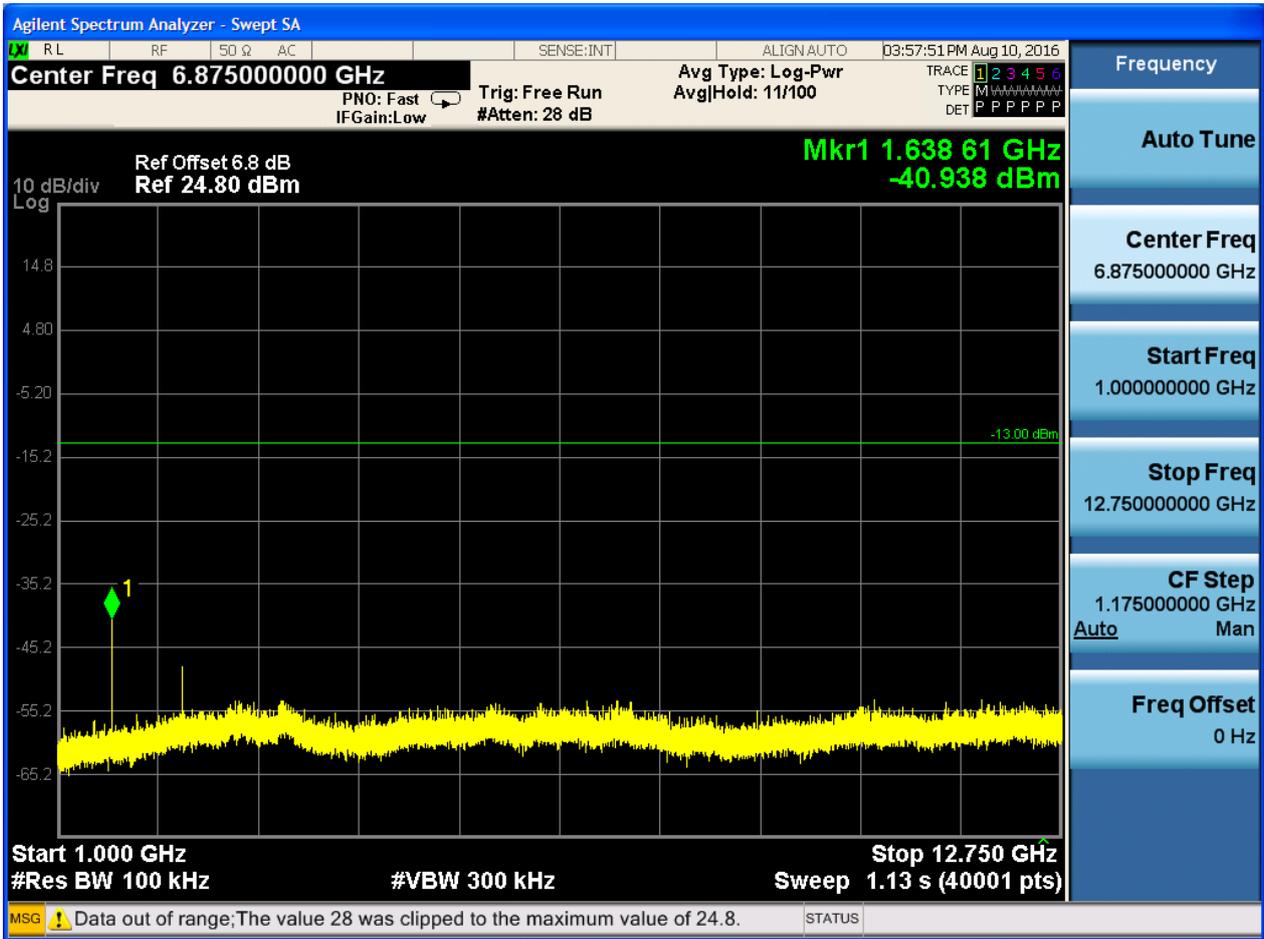










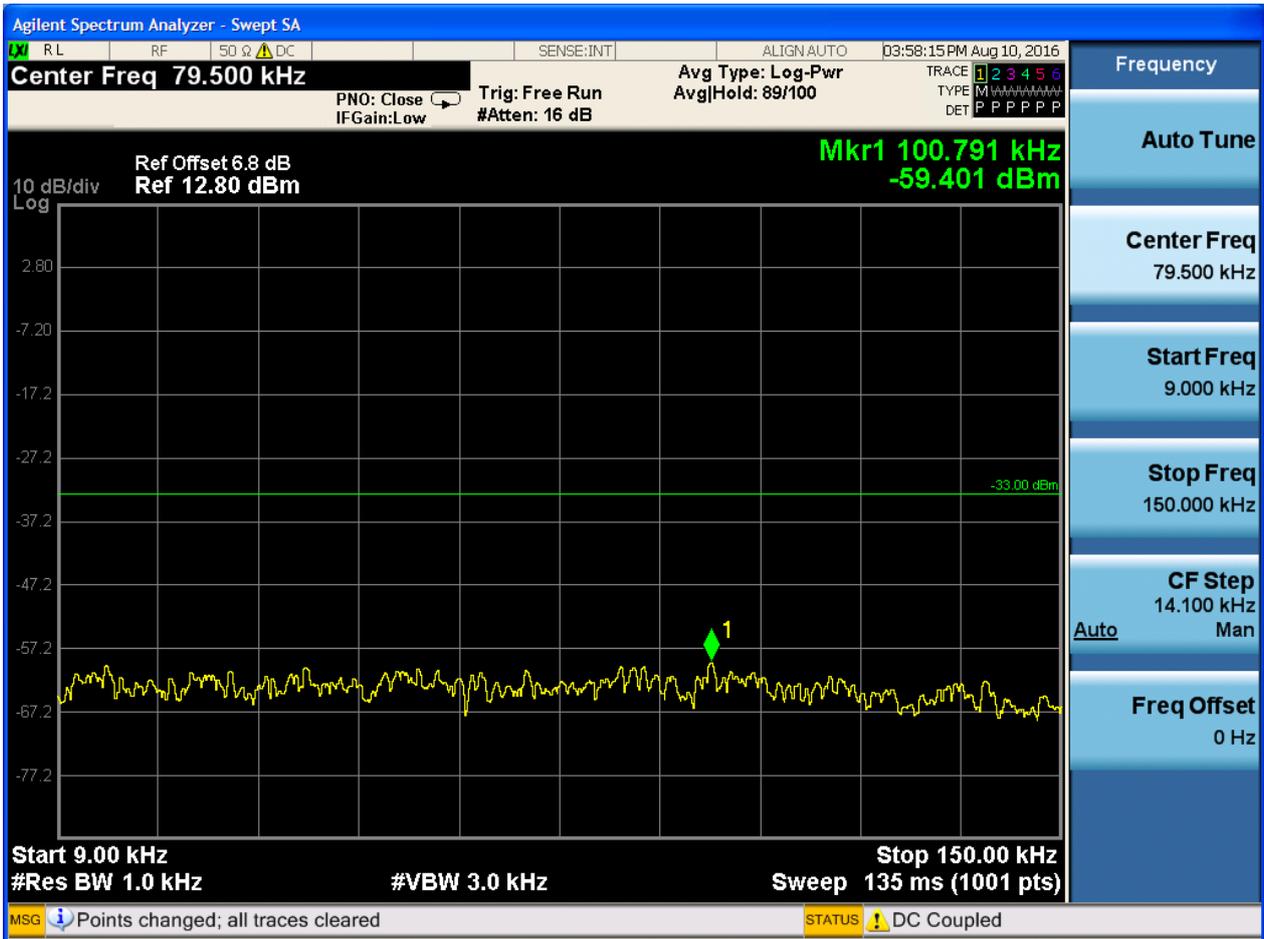


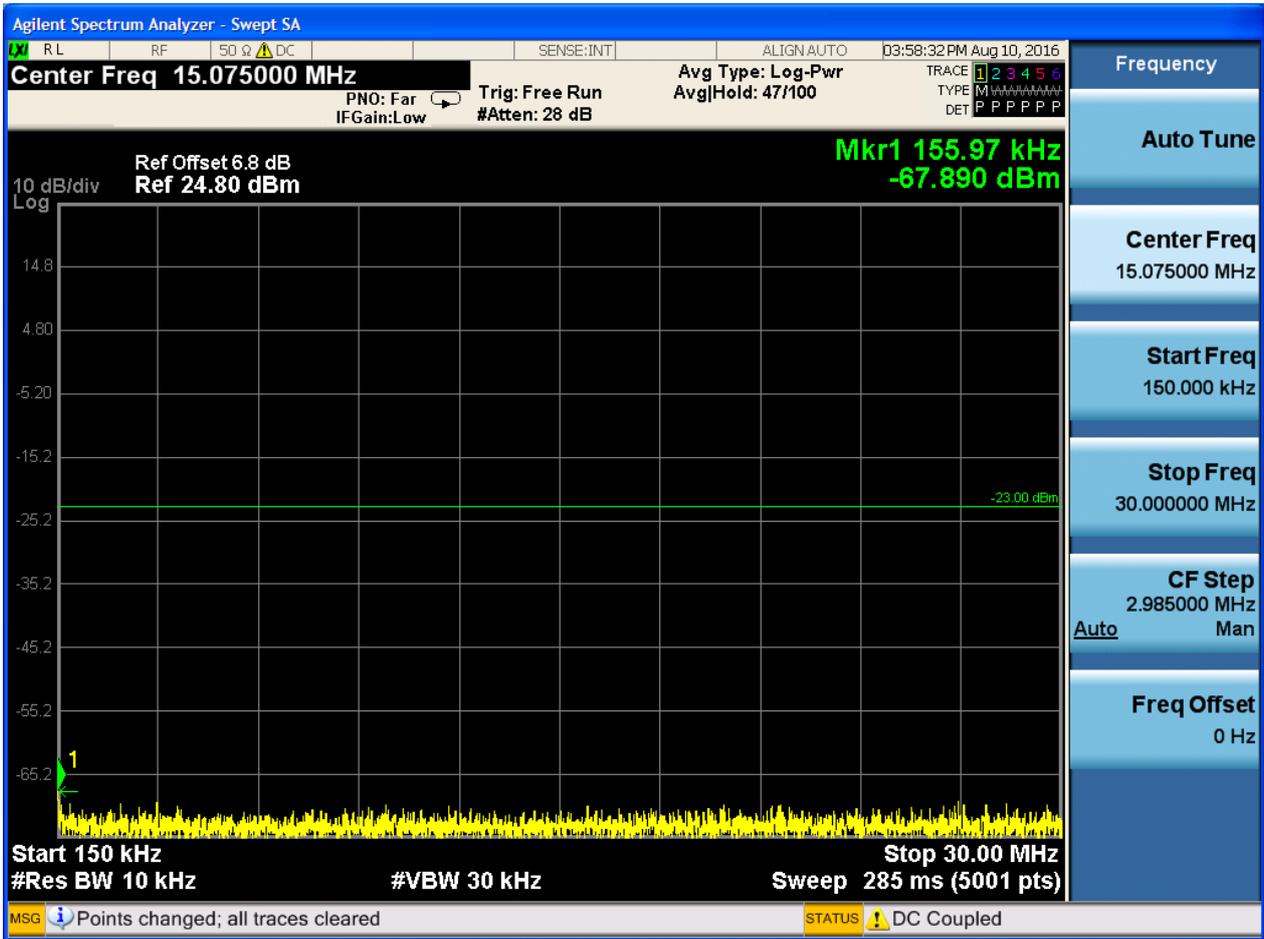


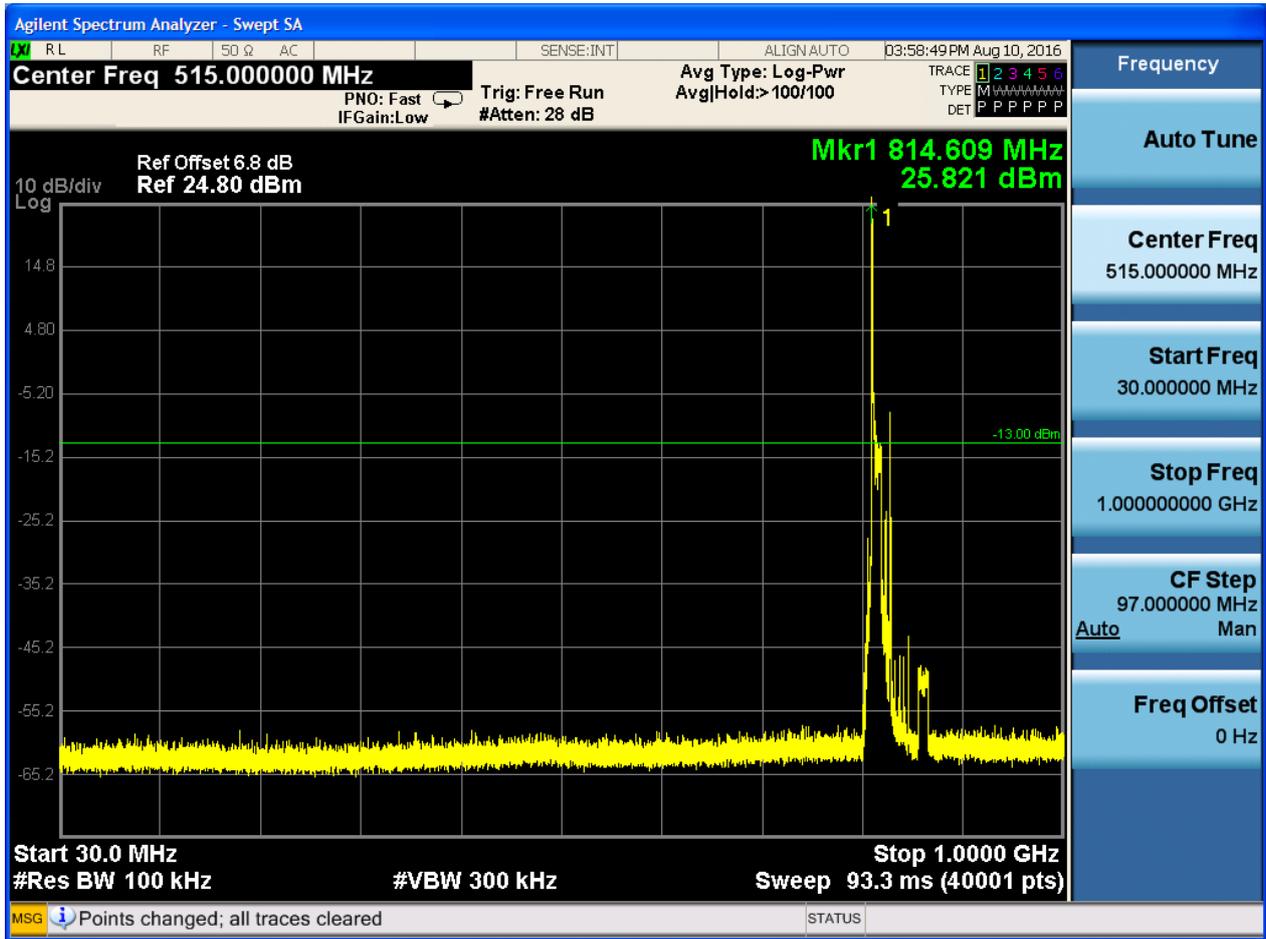
6.1.1.2.4 Test Bandwidth = 10

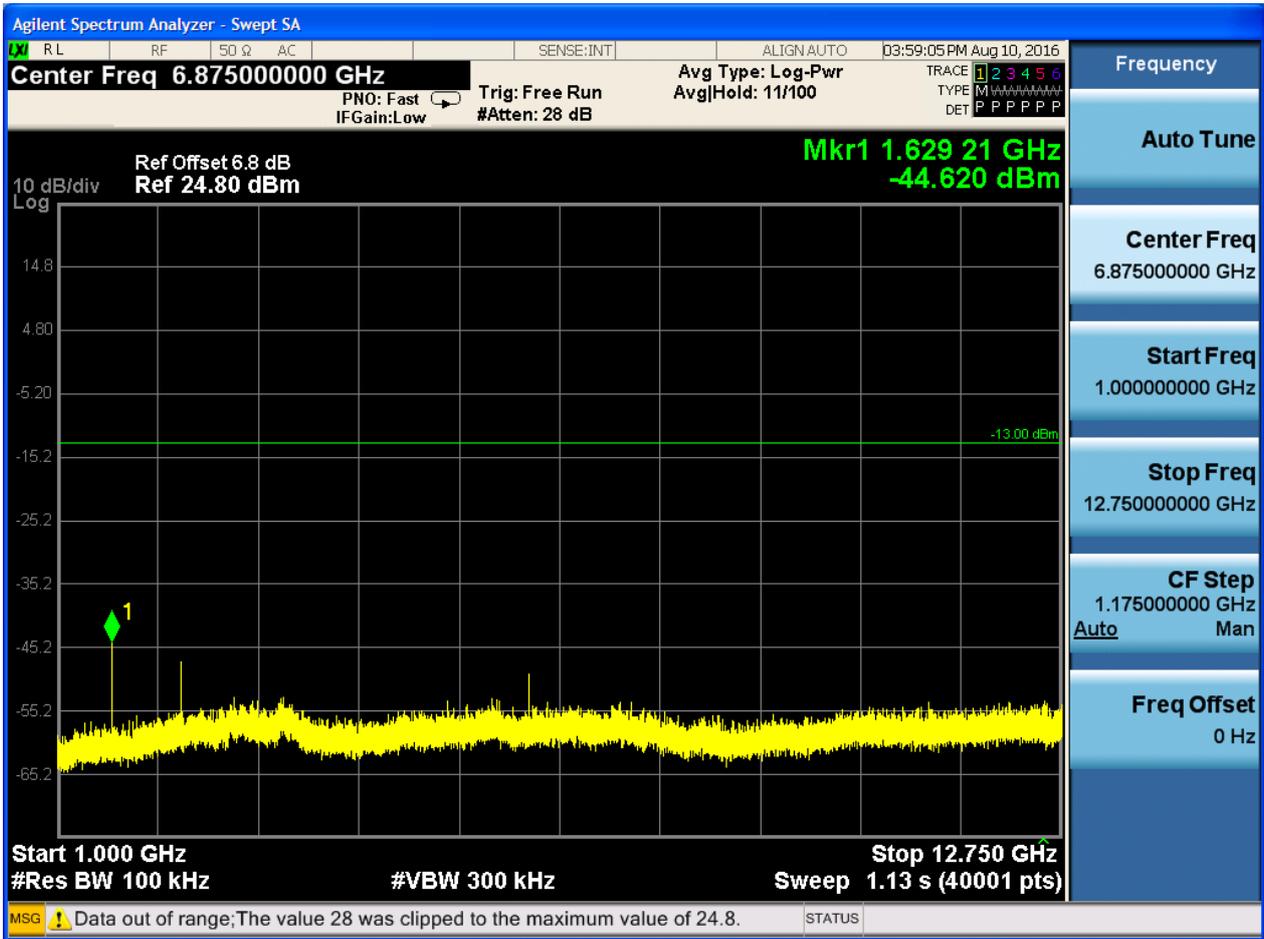
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0





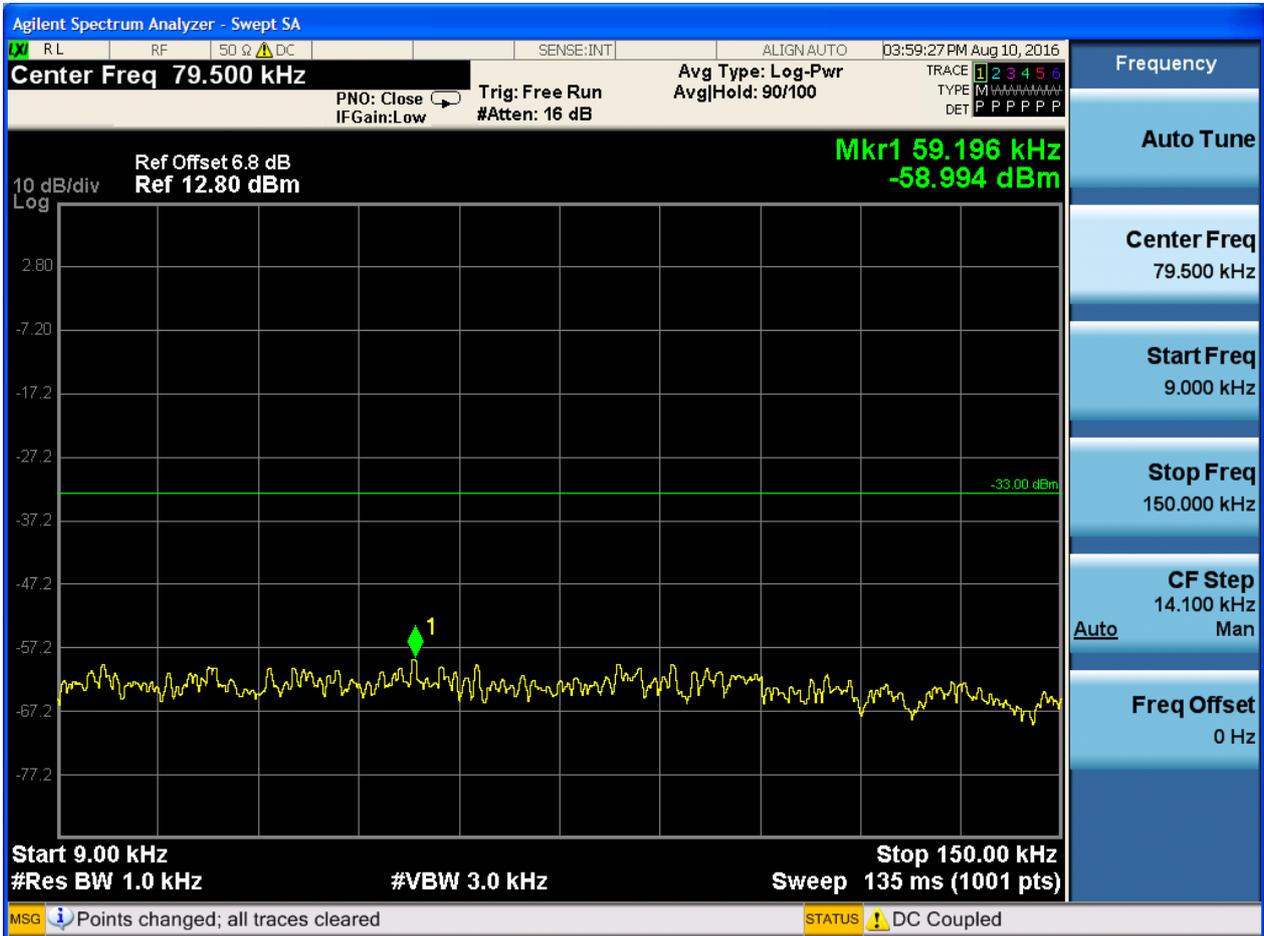


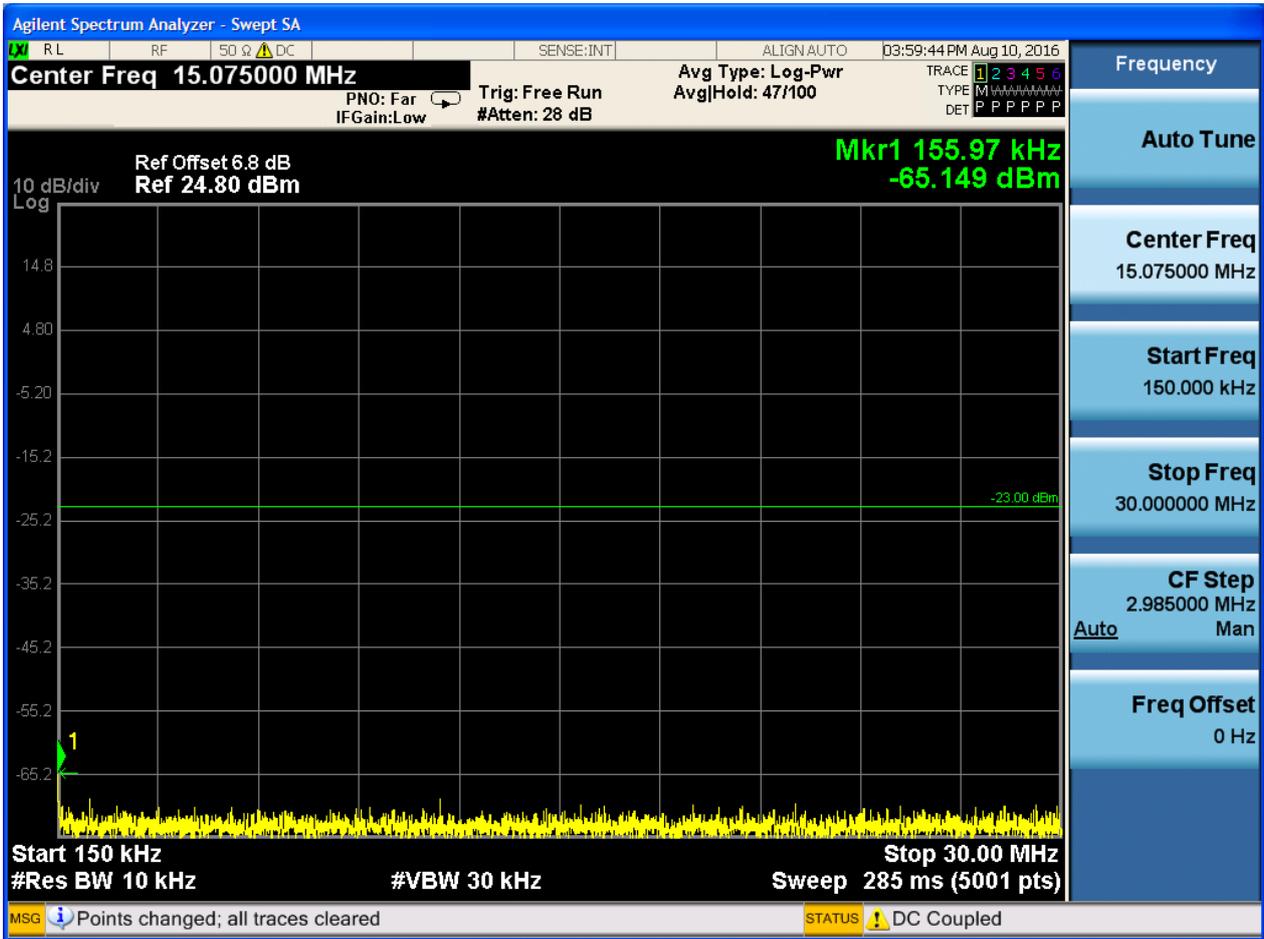


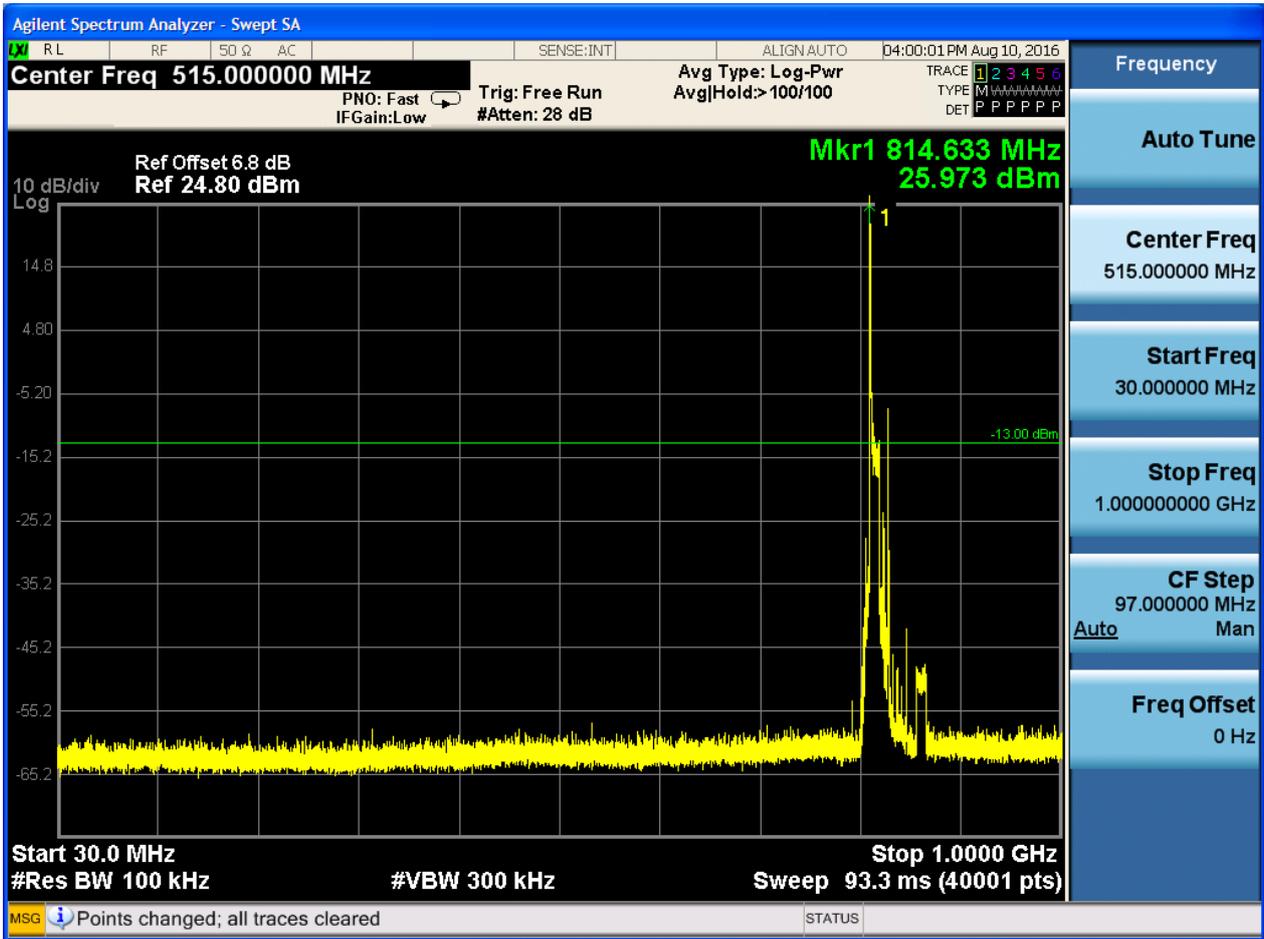


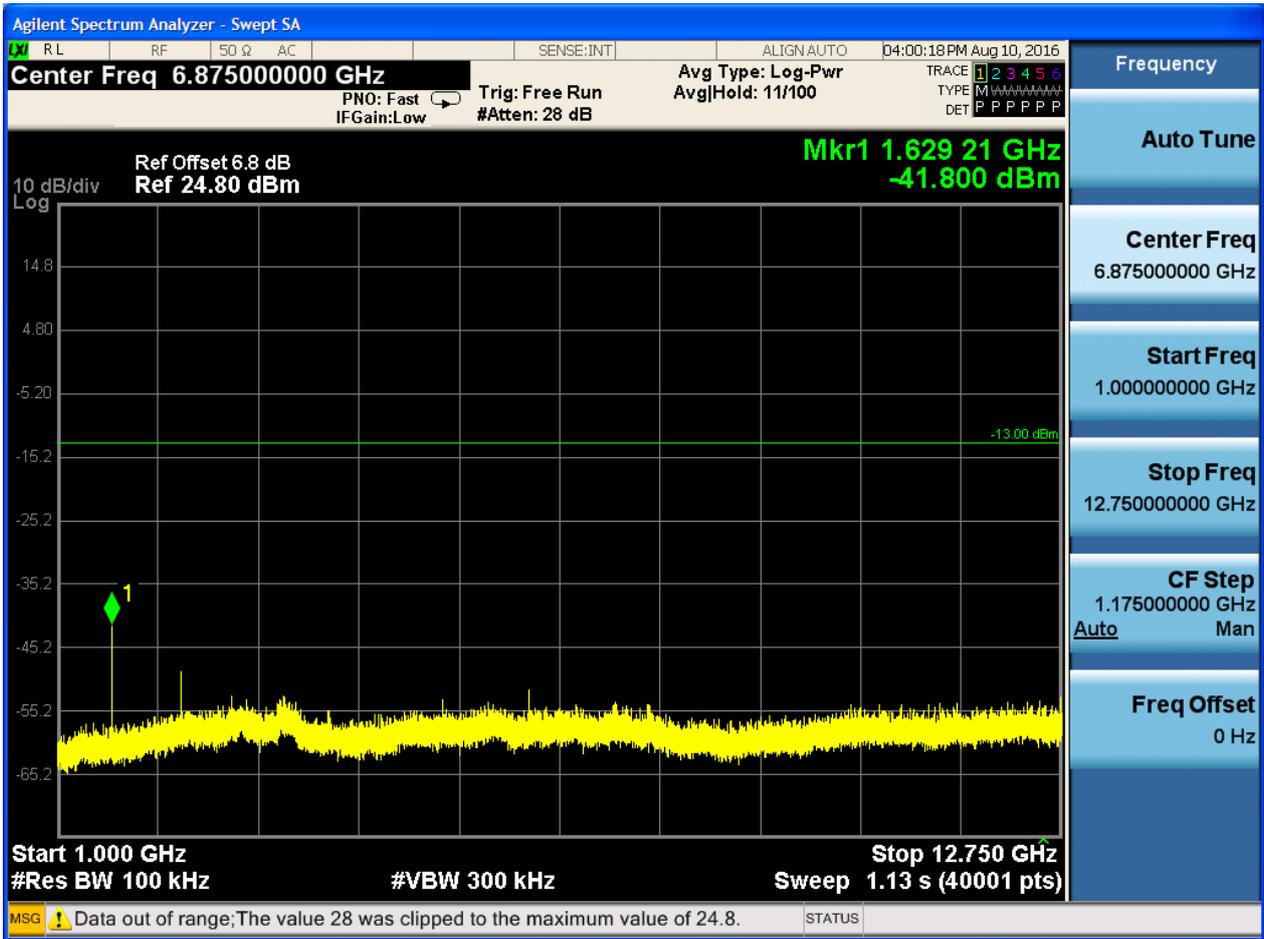
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0





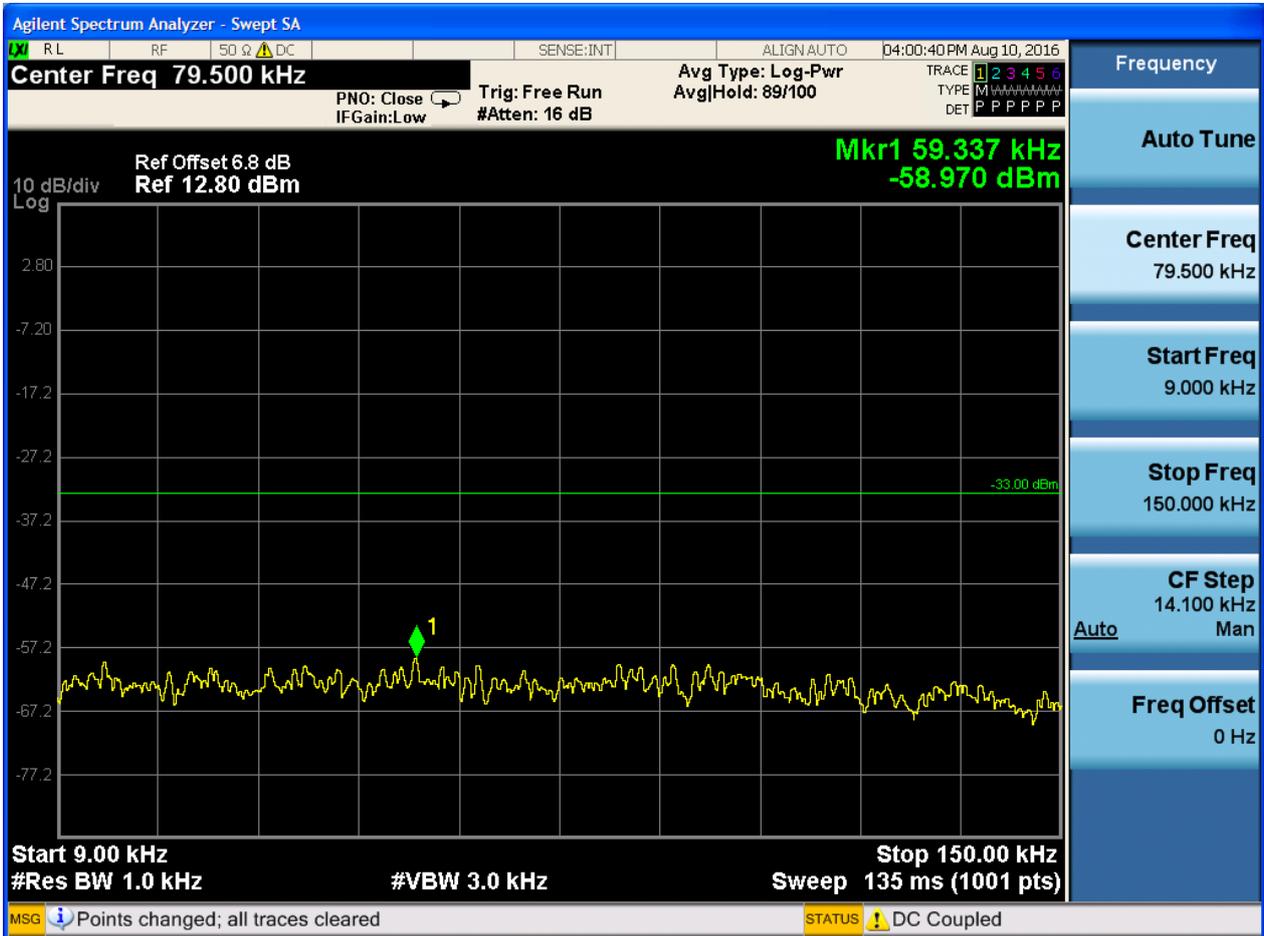


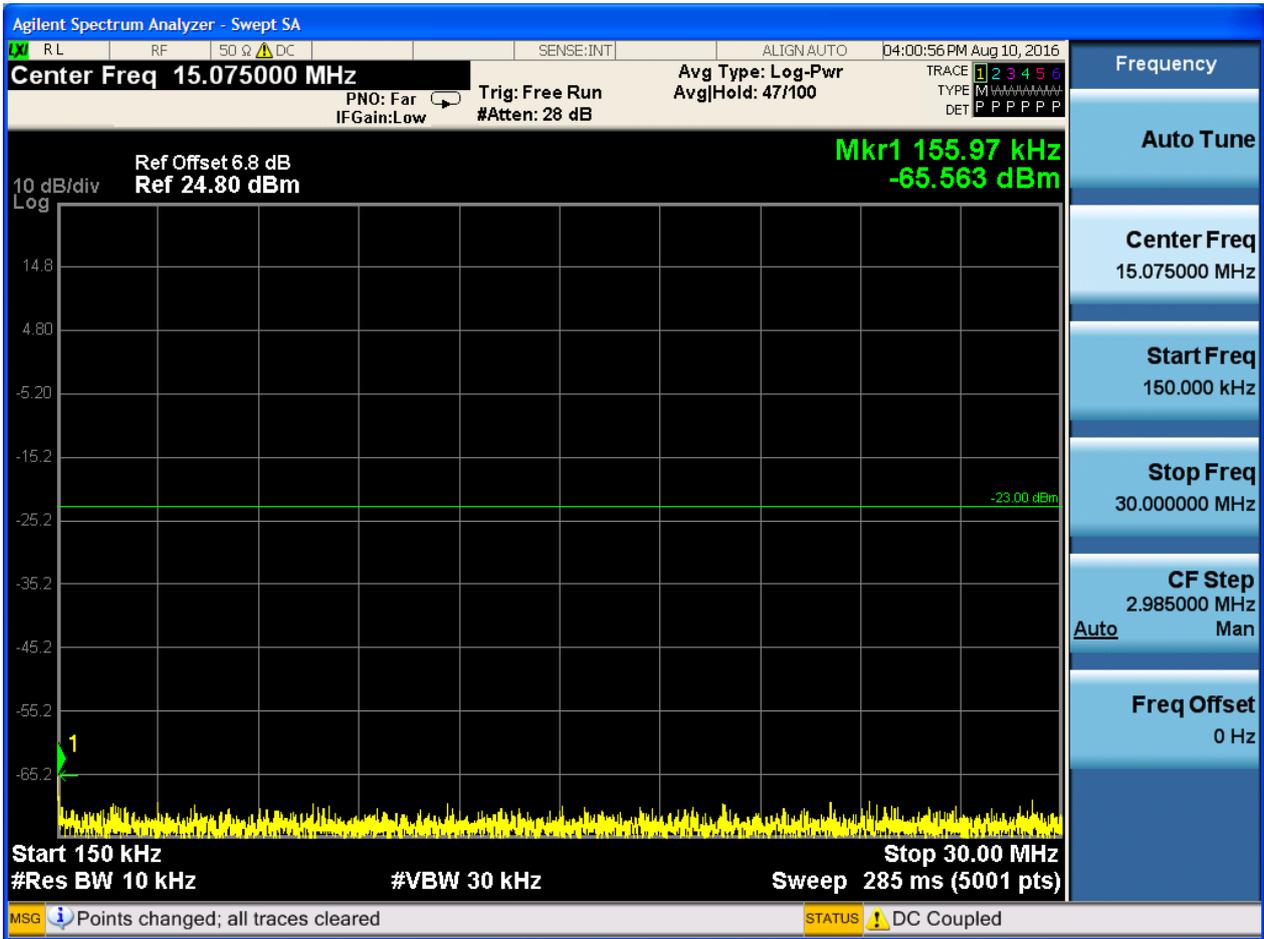


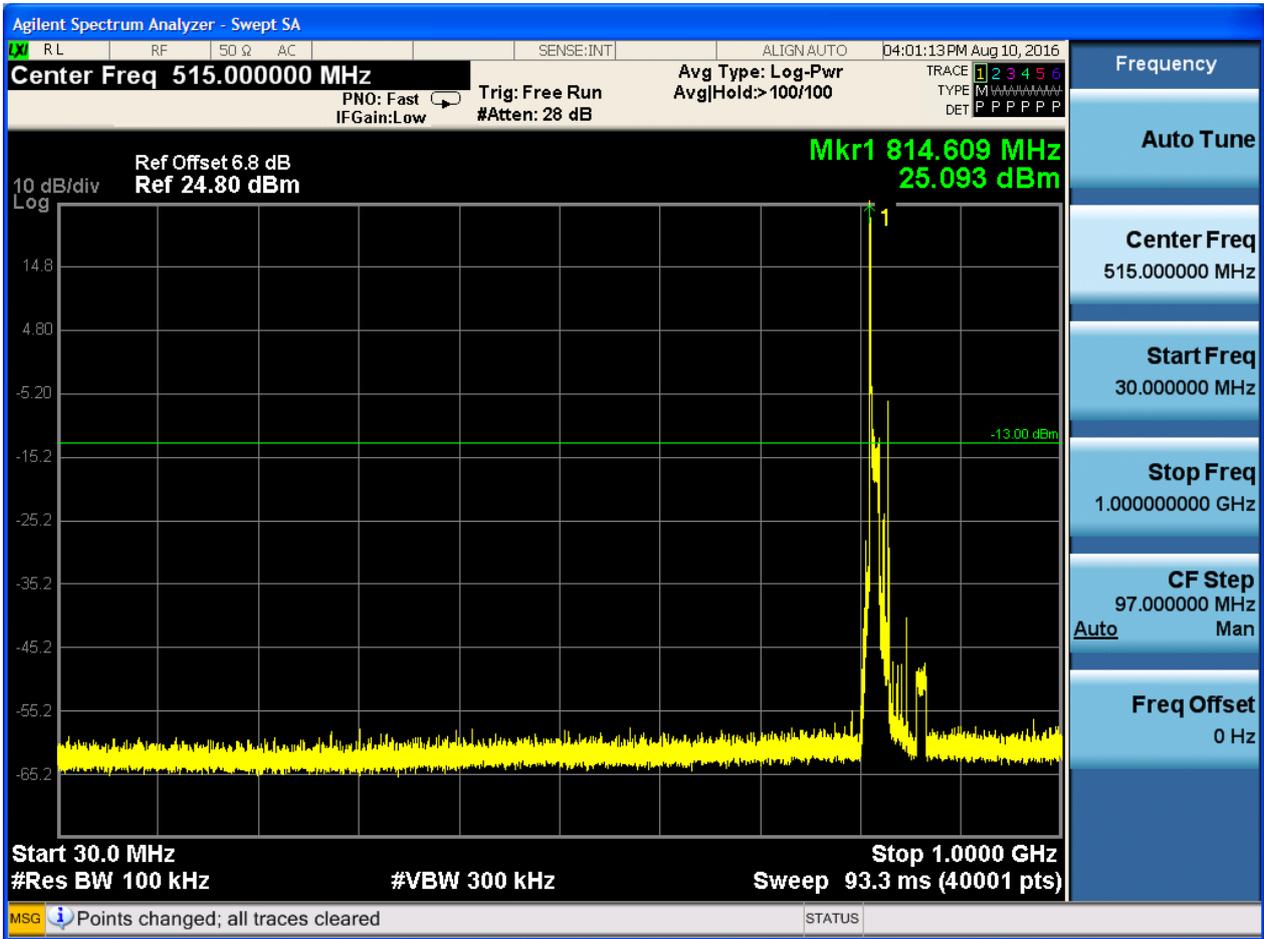


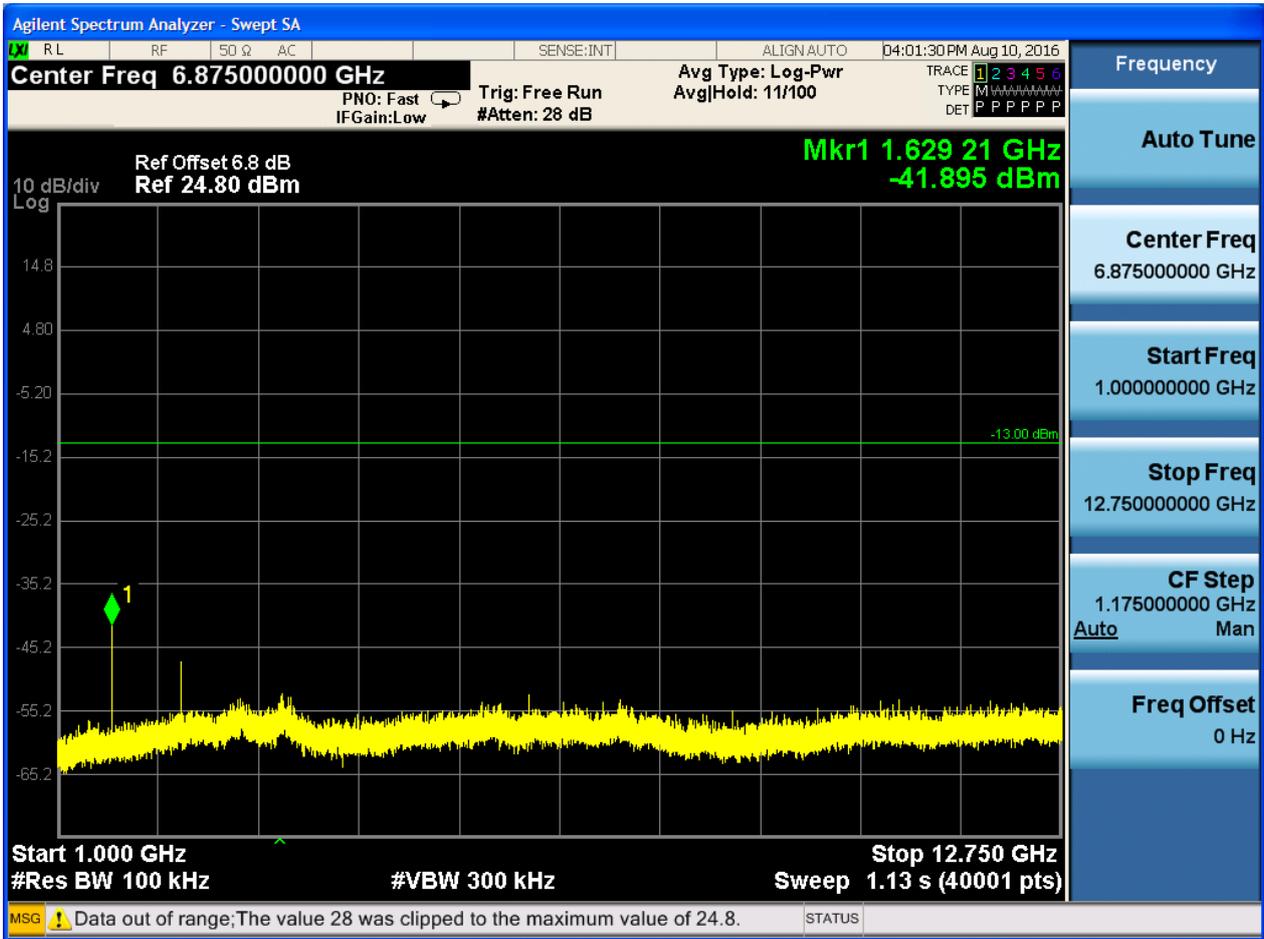
6.1.1.2.4.3 Test Channel = HCH

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

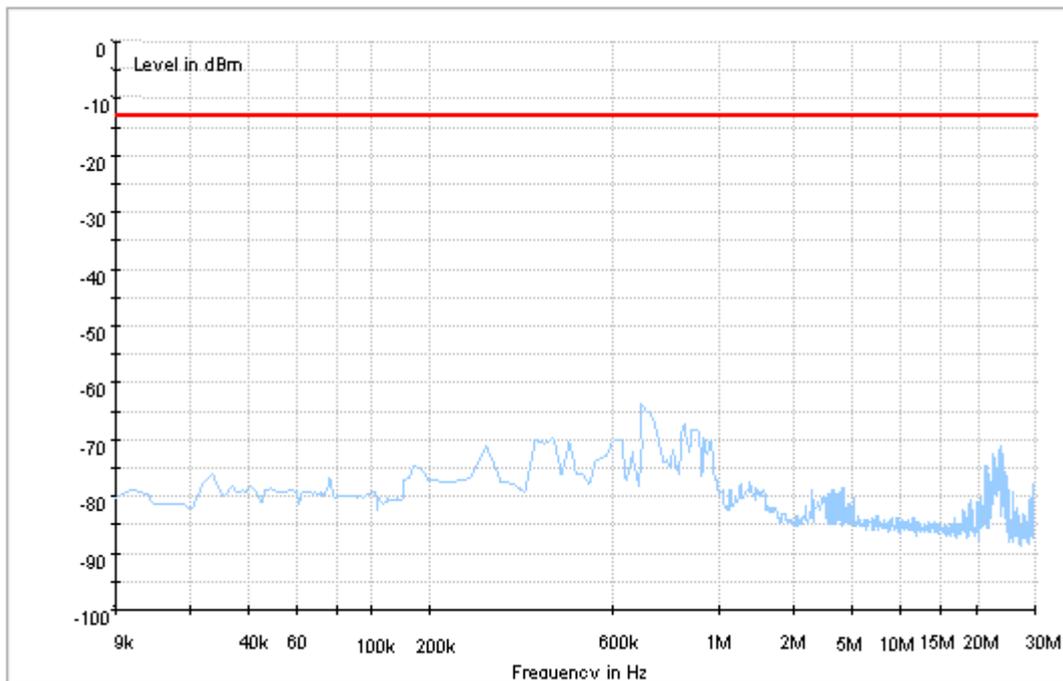
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

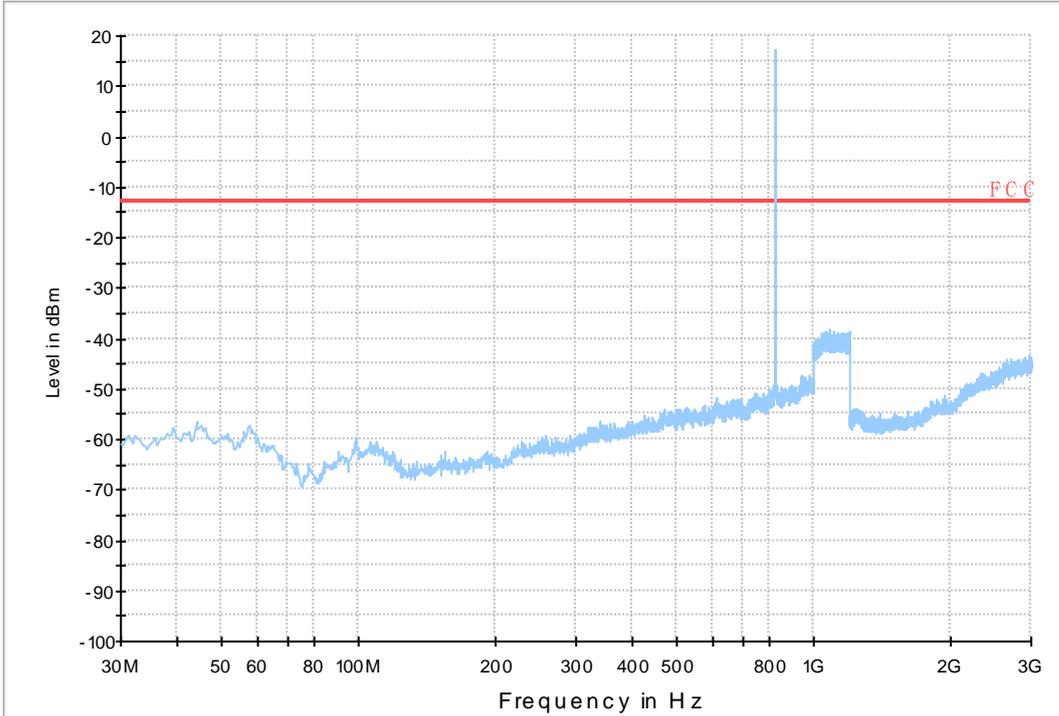
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND26\_ANT1

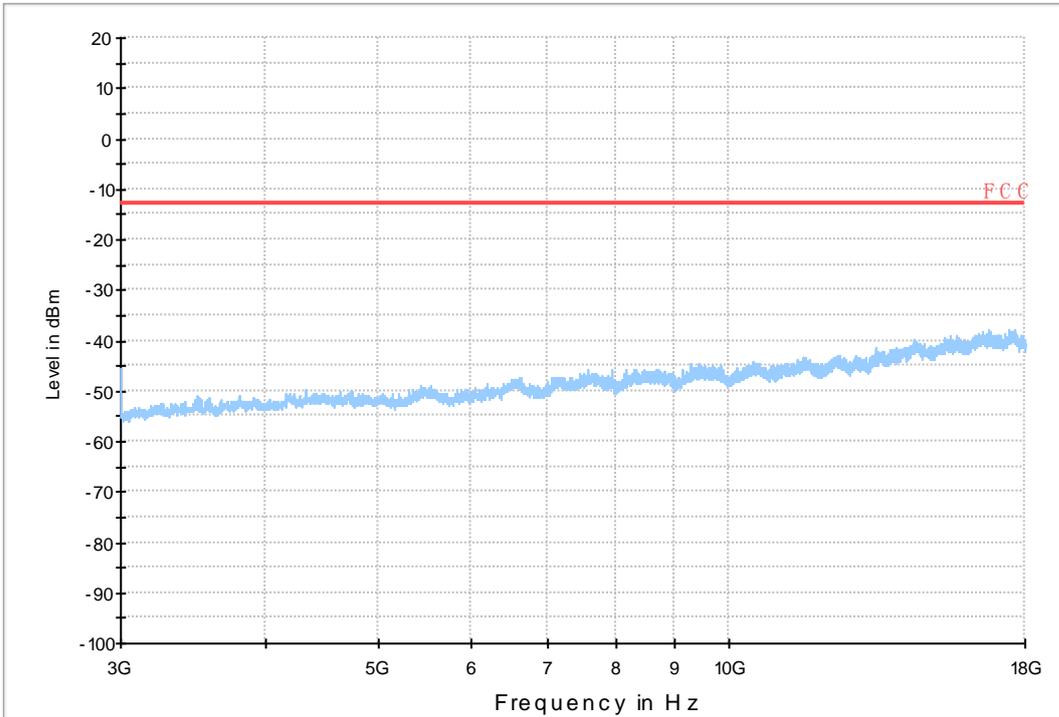
##### 7.1.1.1 Test Bandwidth = 1.4



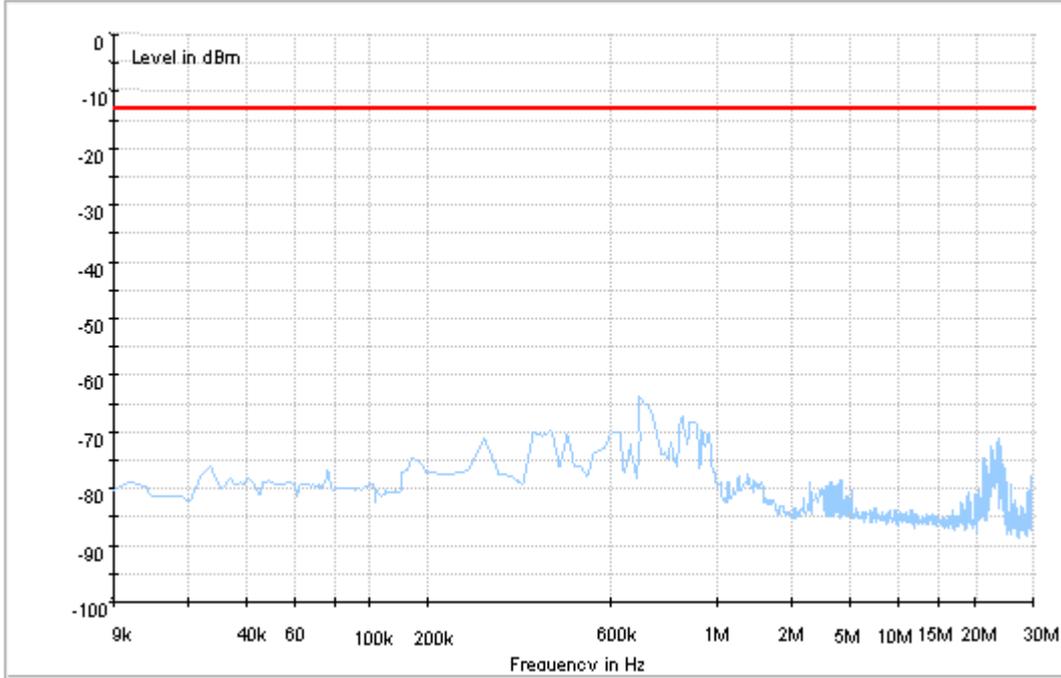
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



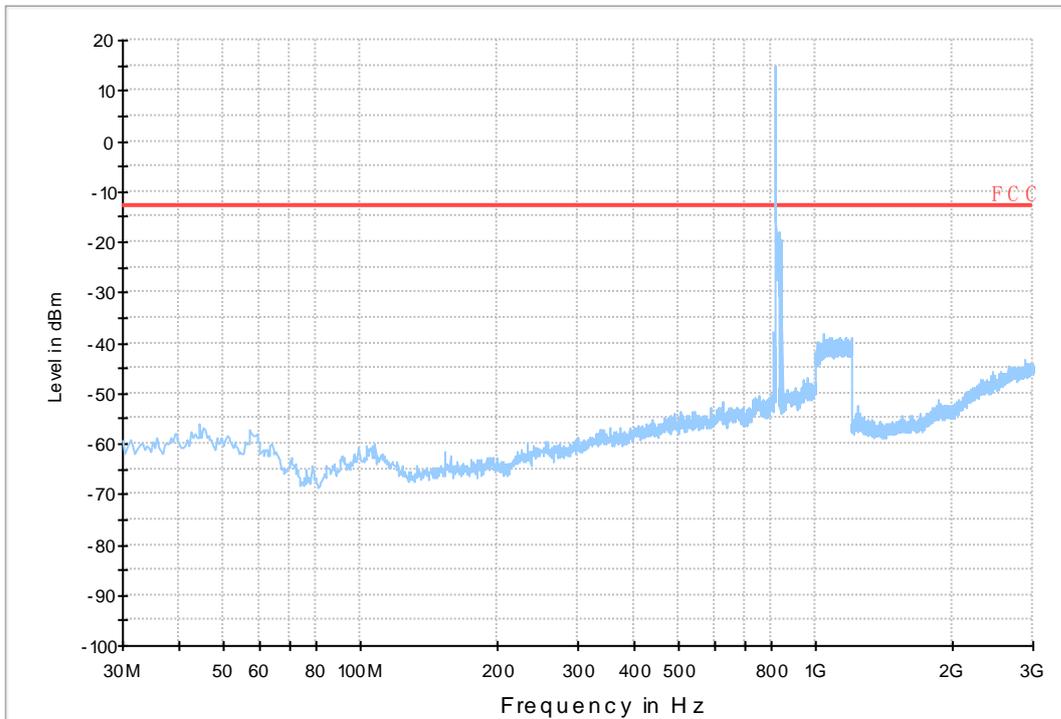
Copy of RSE-TX-DIRECTOR BELOW 1G\_H



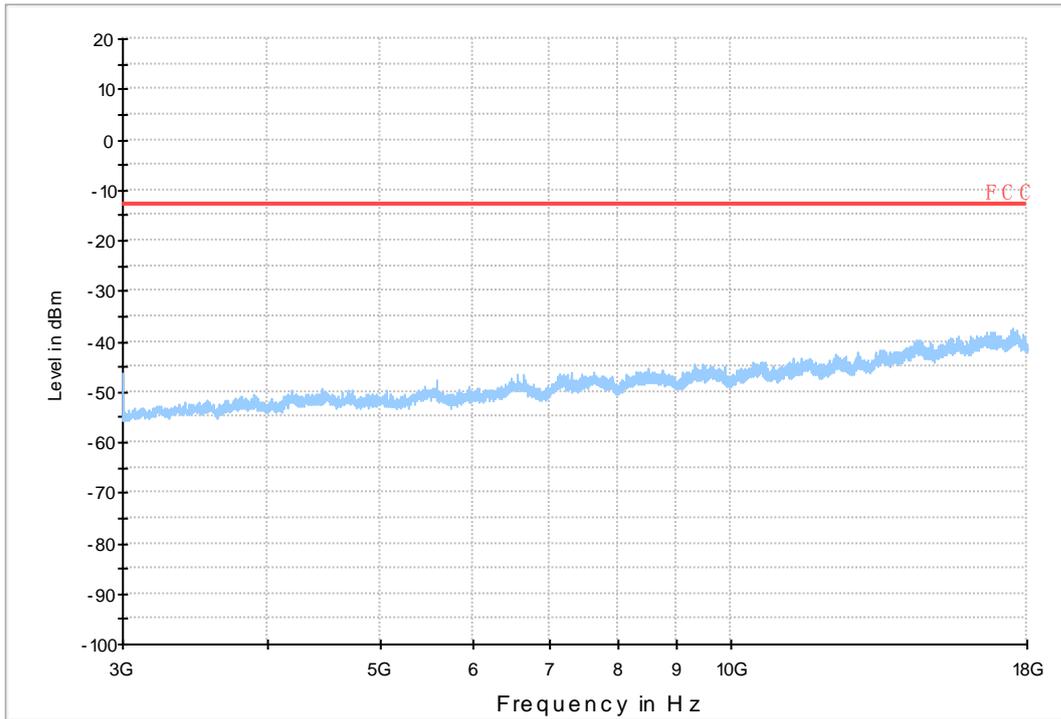
### 7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G\_L

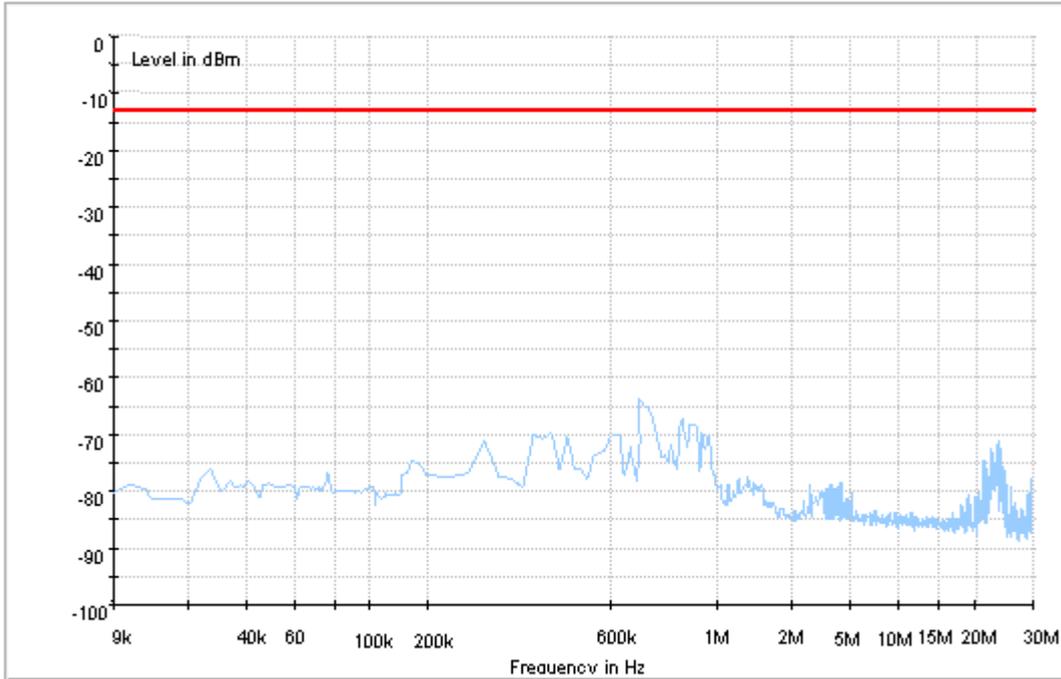


Copy of RSE-TX-DIRECTOR BELOW 1G\_H

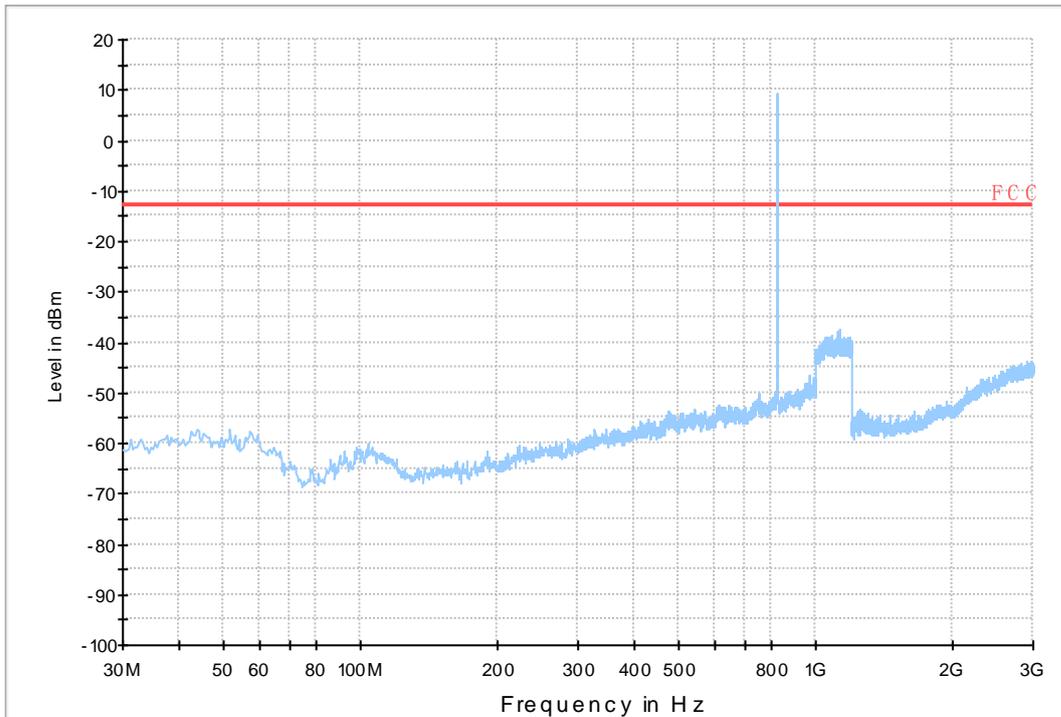


### 7.1.2 Test Band = BAND26\_ANT2

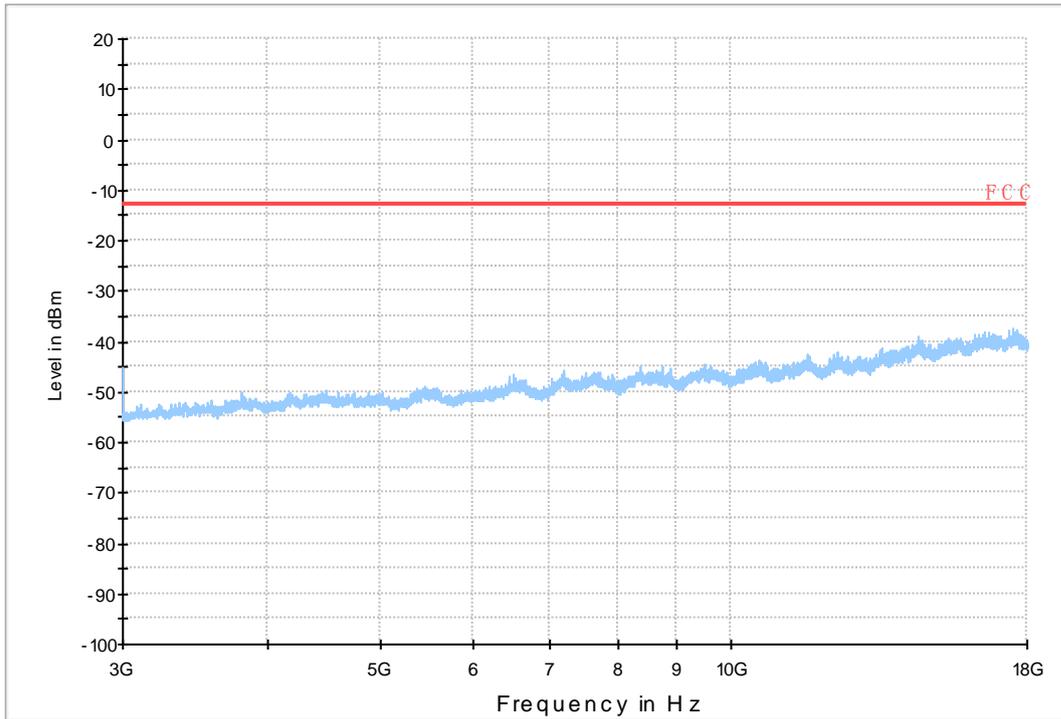
#### 7.1.2.1 Test Bandwidth = 1.4



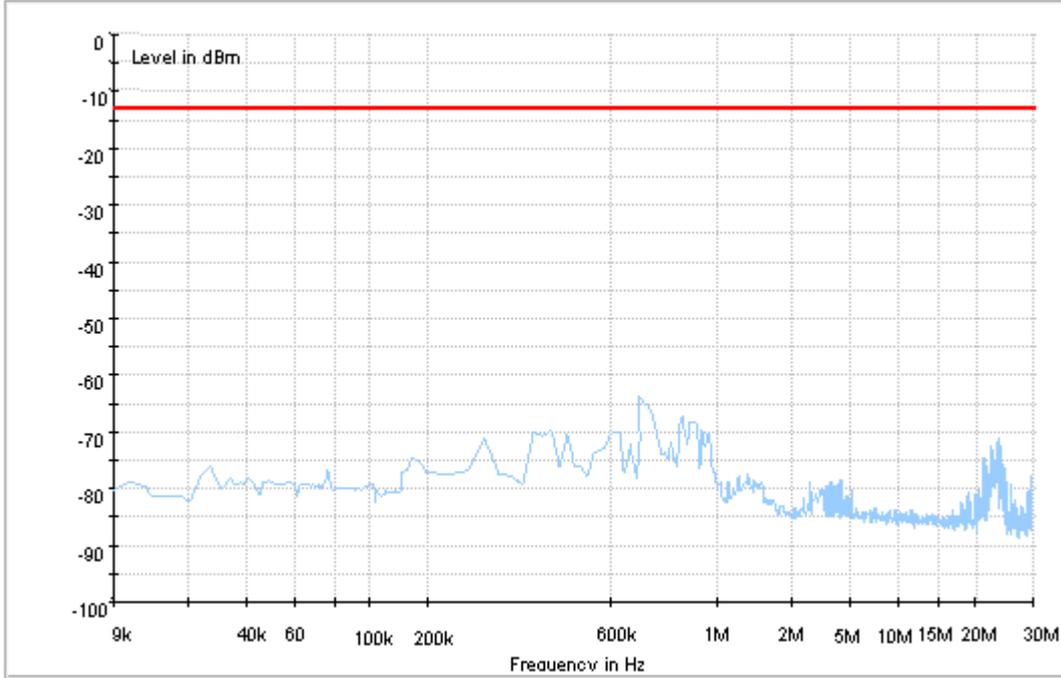
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



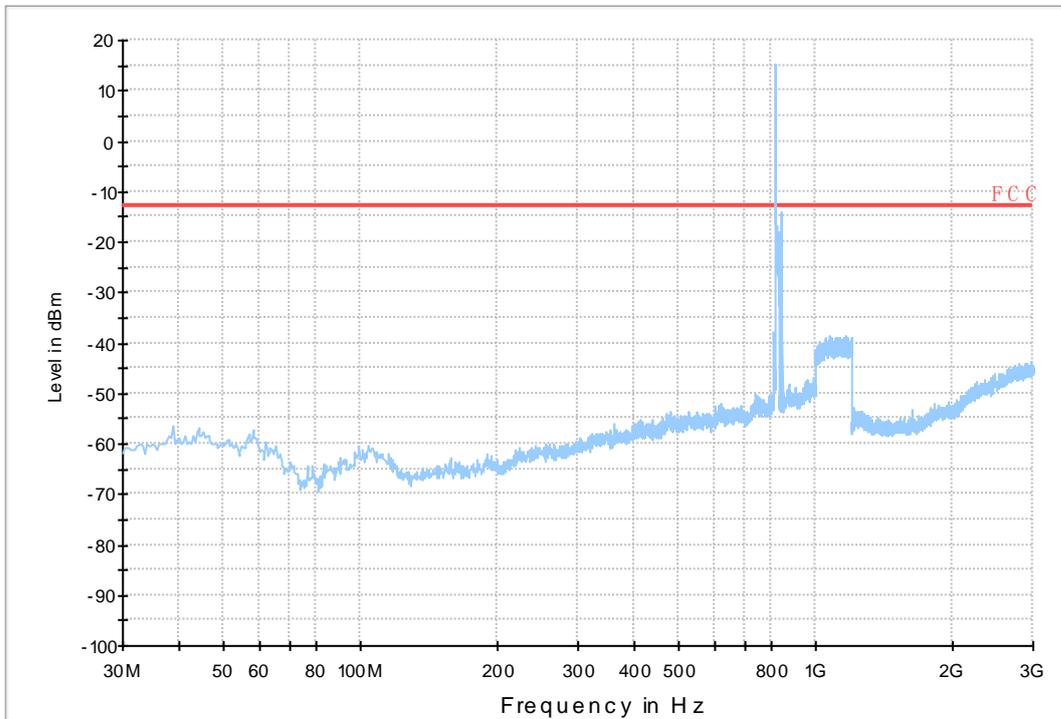
Copy of RSE-TX-DIRECTOR BELOW 1G\_H



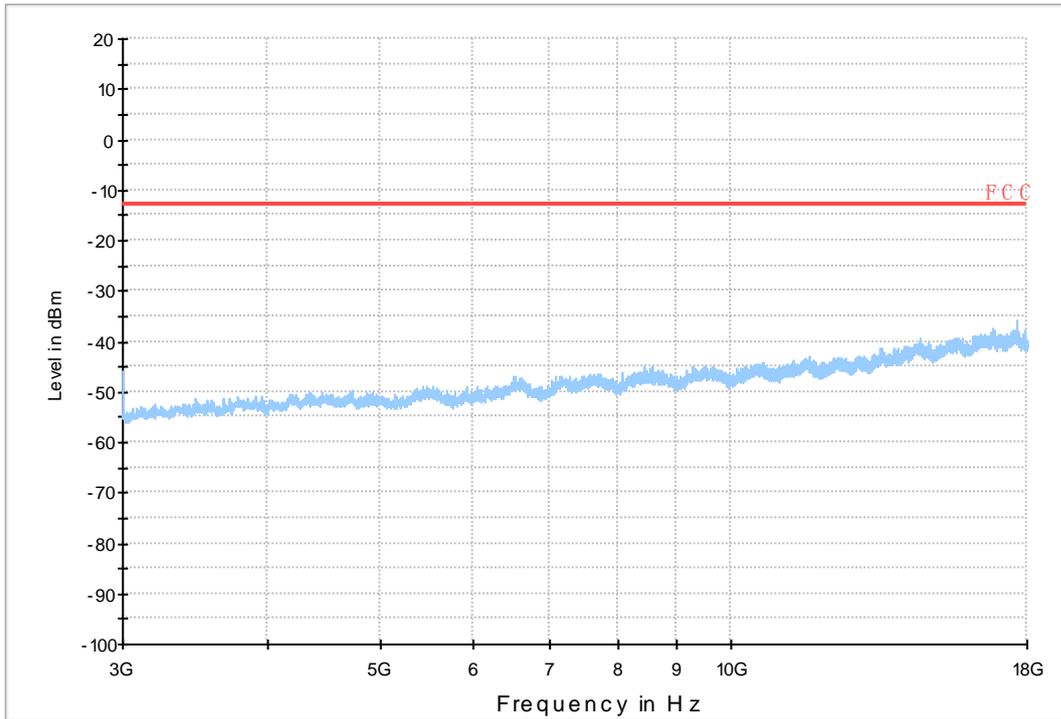
### 7.1.2.2 Test Bandwidth = 10



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	0.00188	PASS
								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	
					-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	
		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
					10	LCH	VN	-30
		-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
		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			

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	-0.00072	PASS
					-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