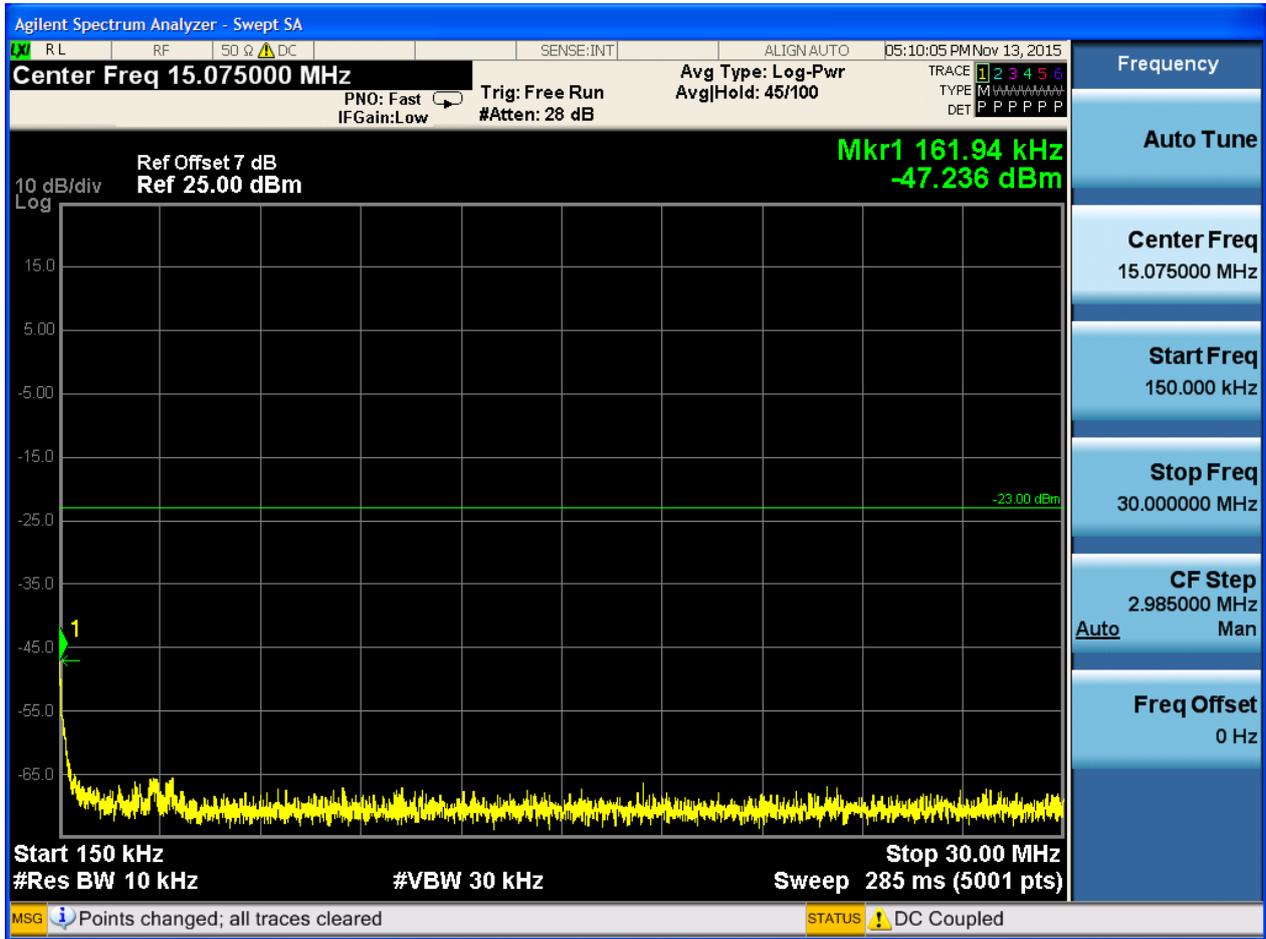


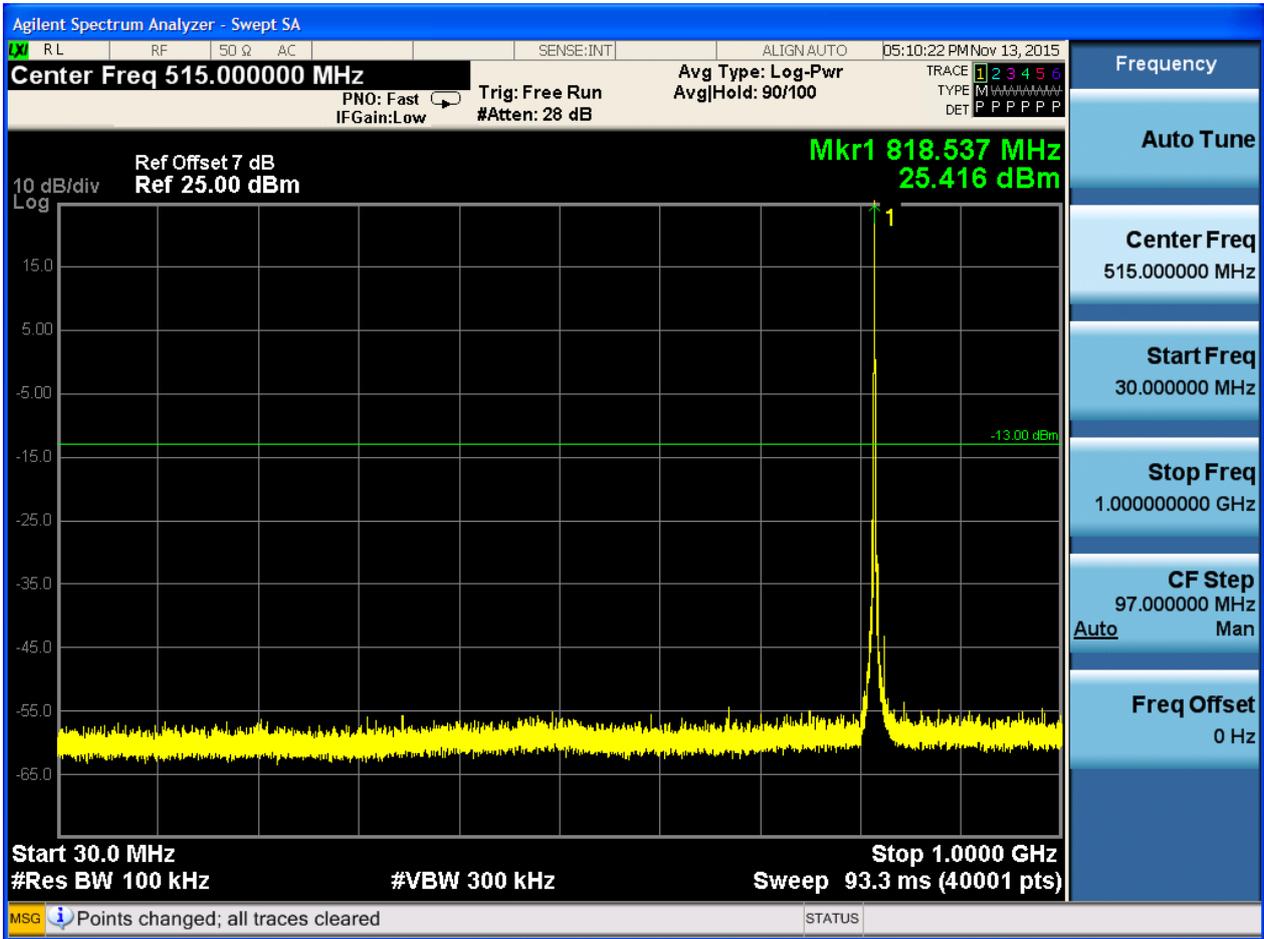


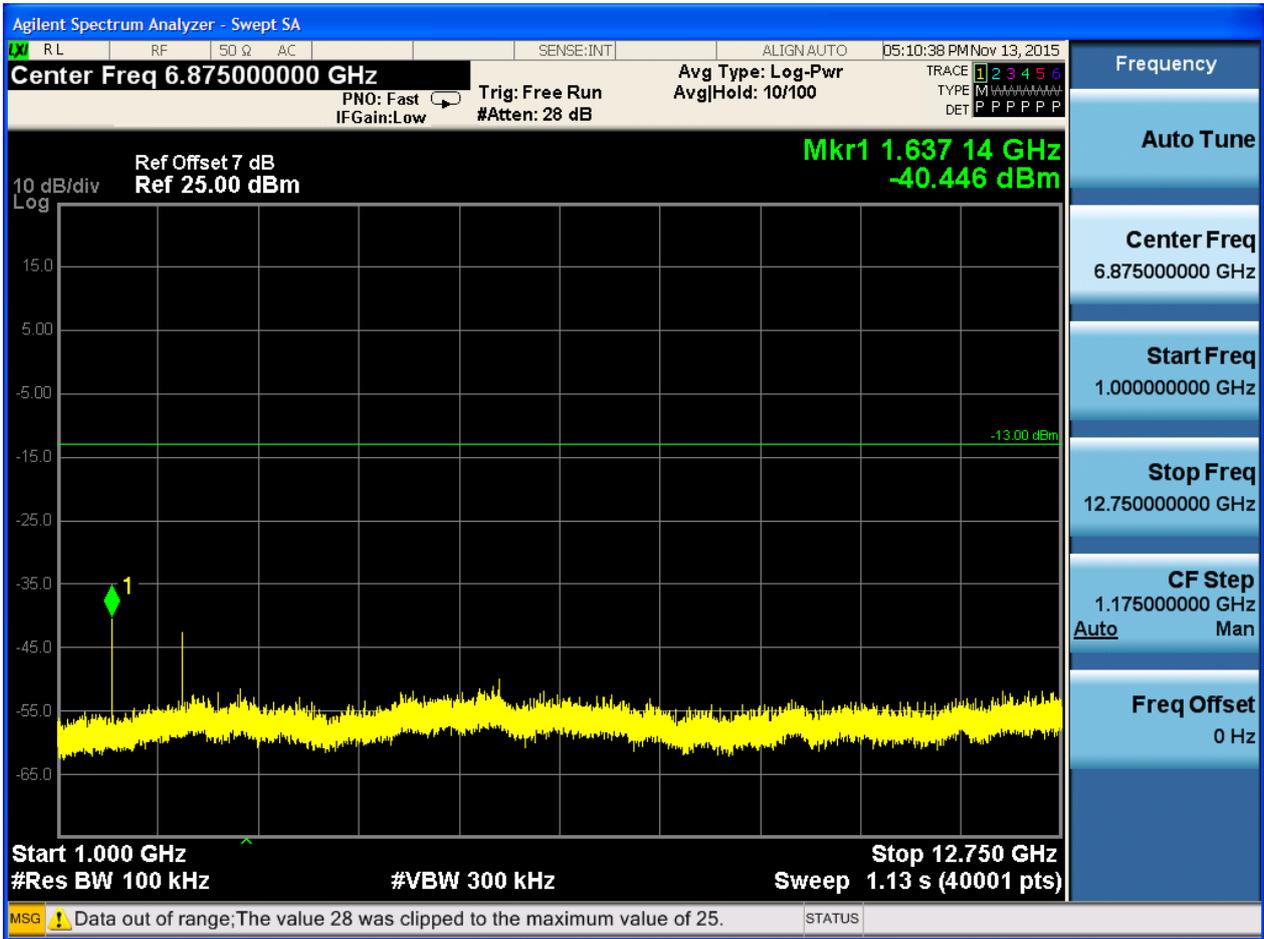
6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



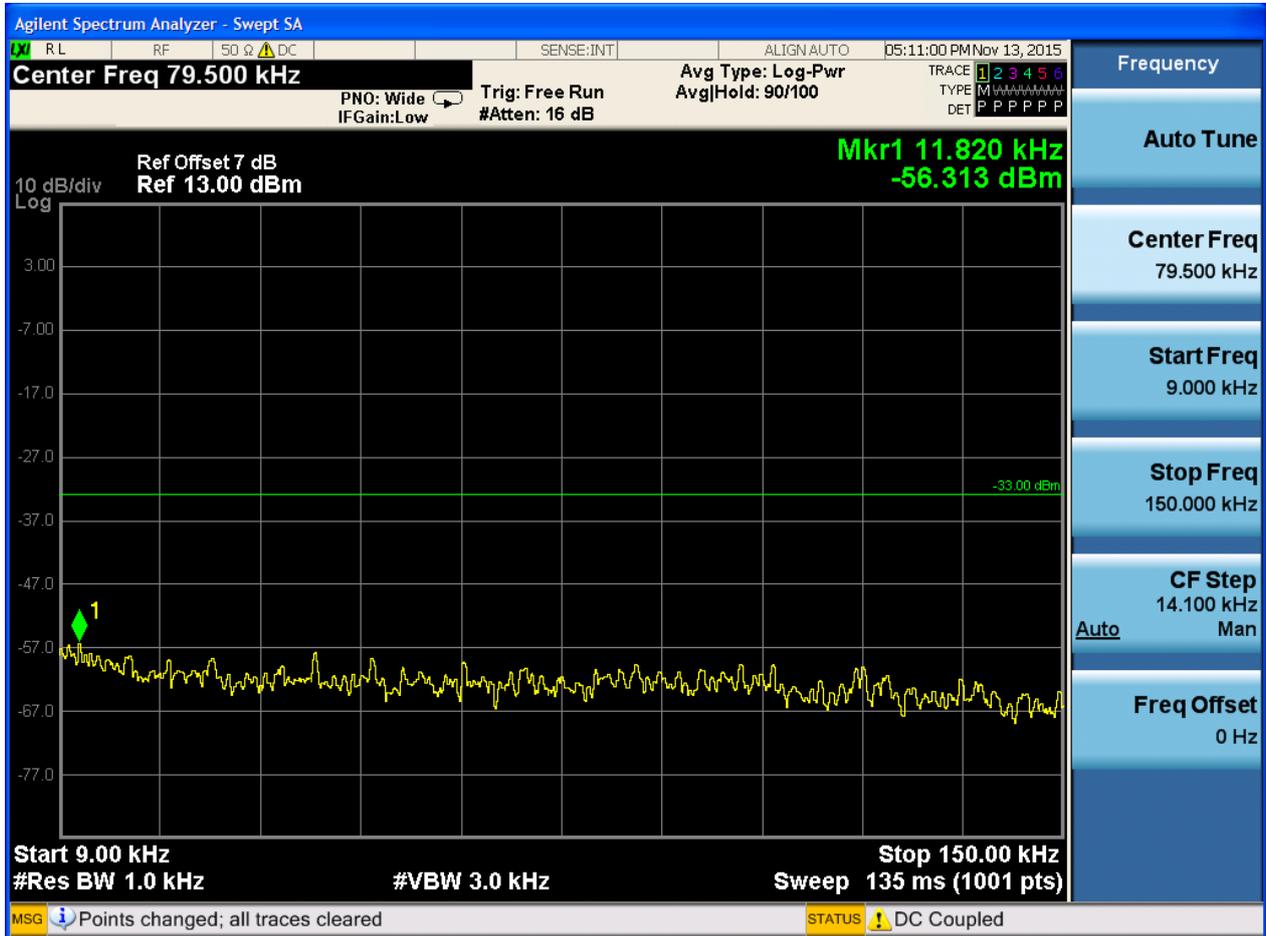




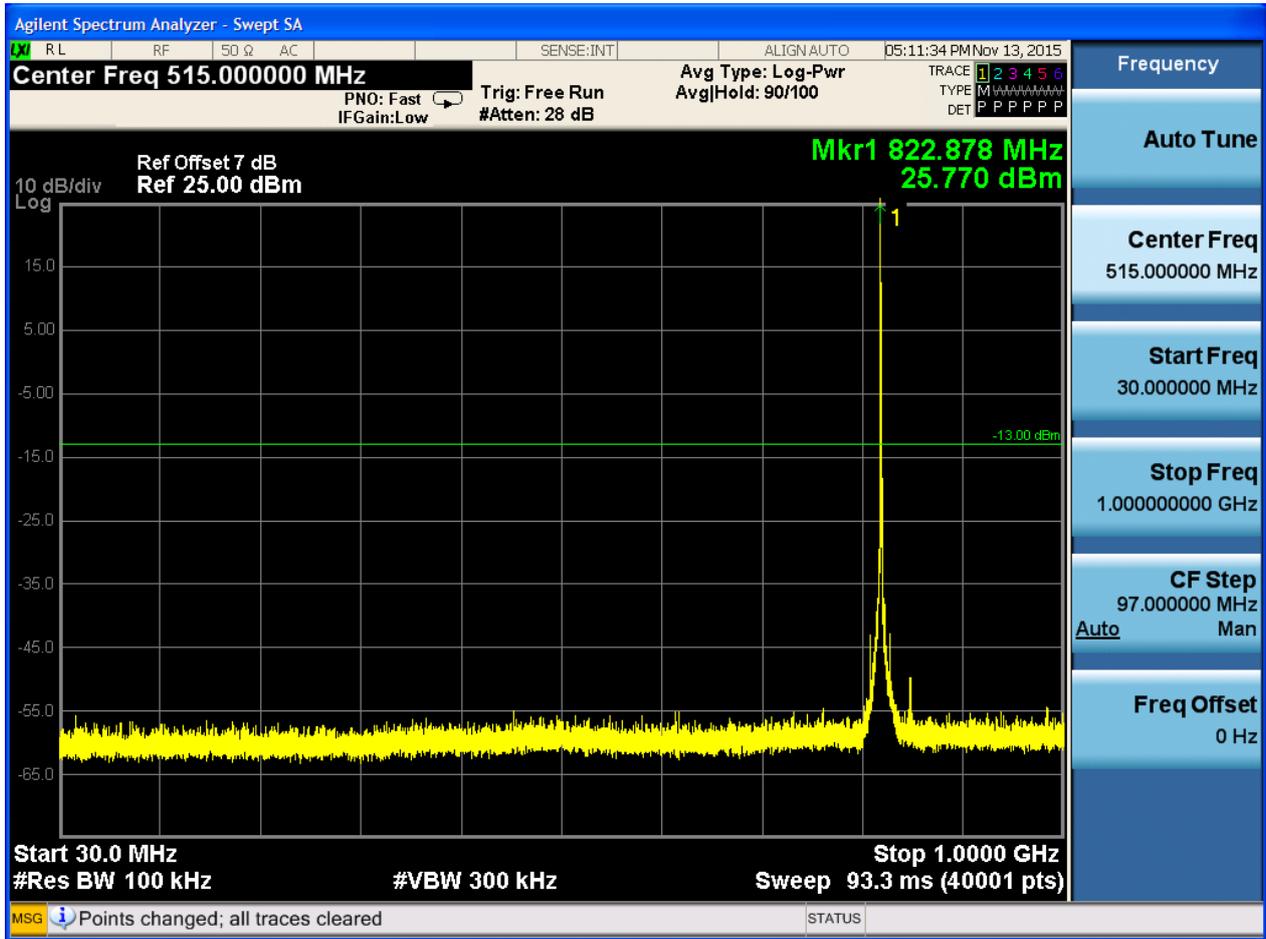


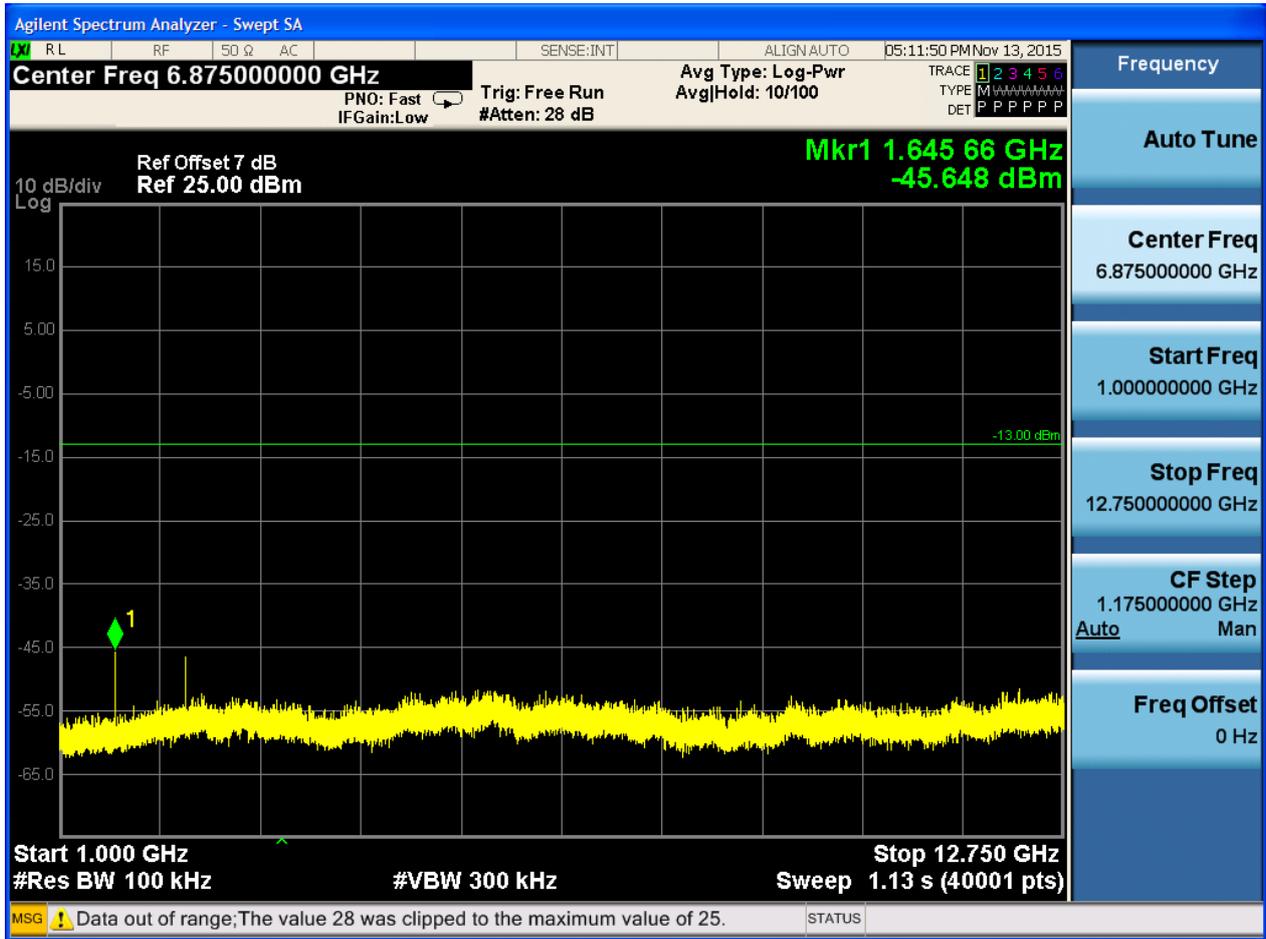
6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0







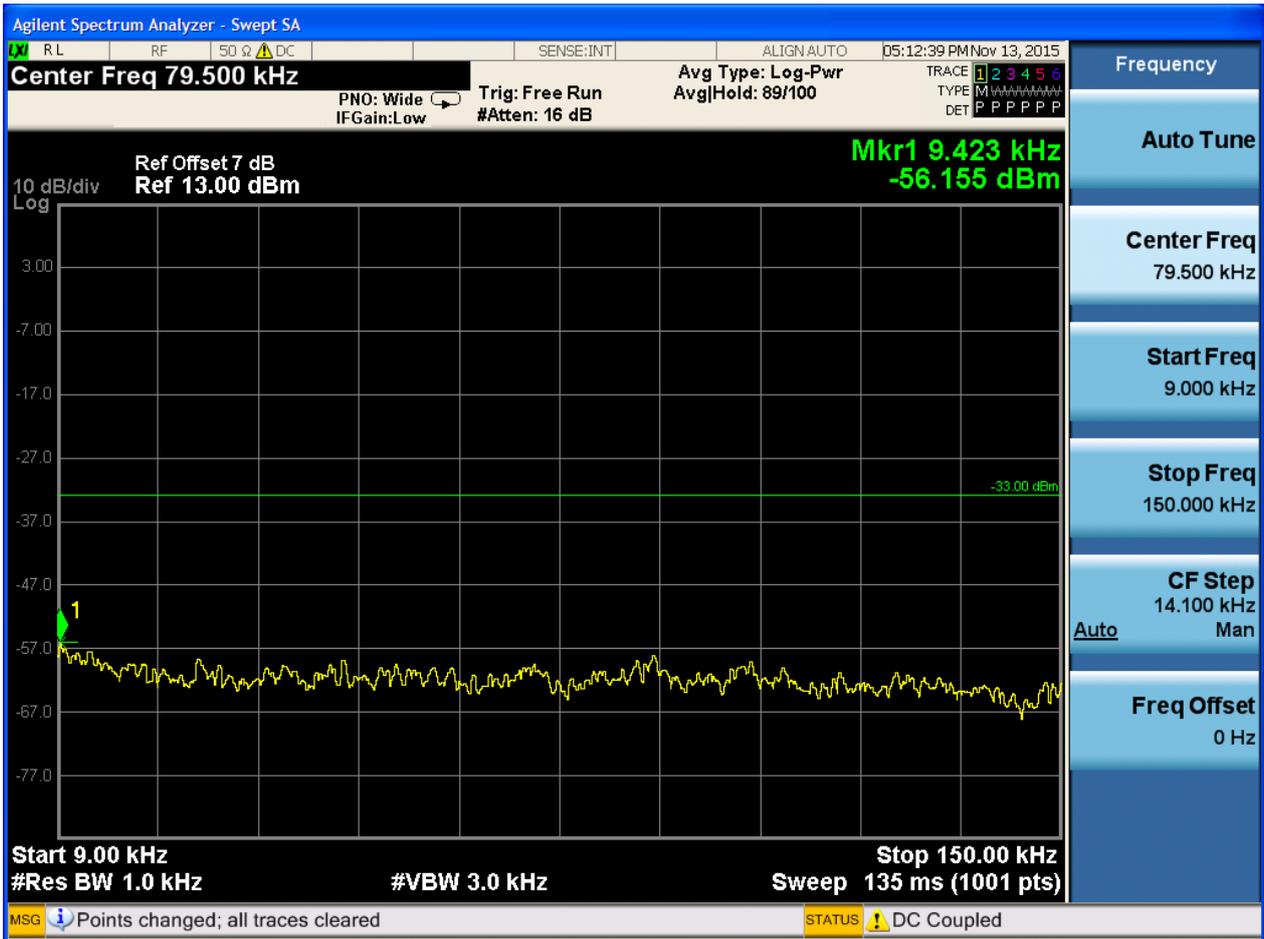




6.1.1.2.2 Test Bandwidth = 3

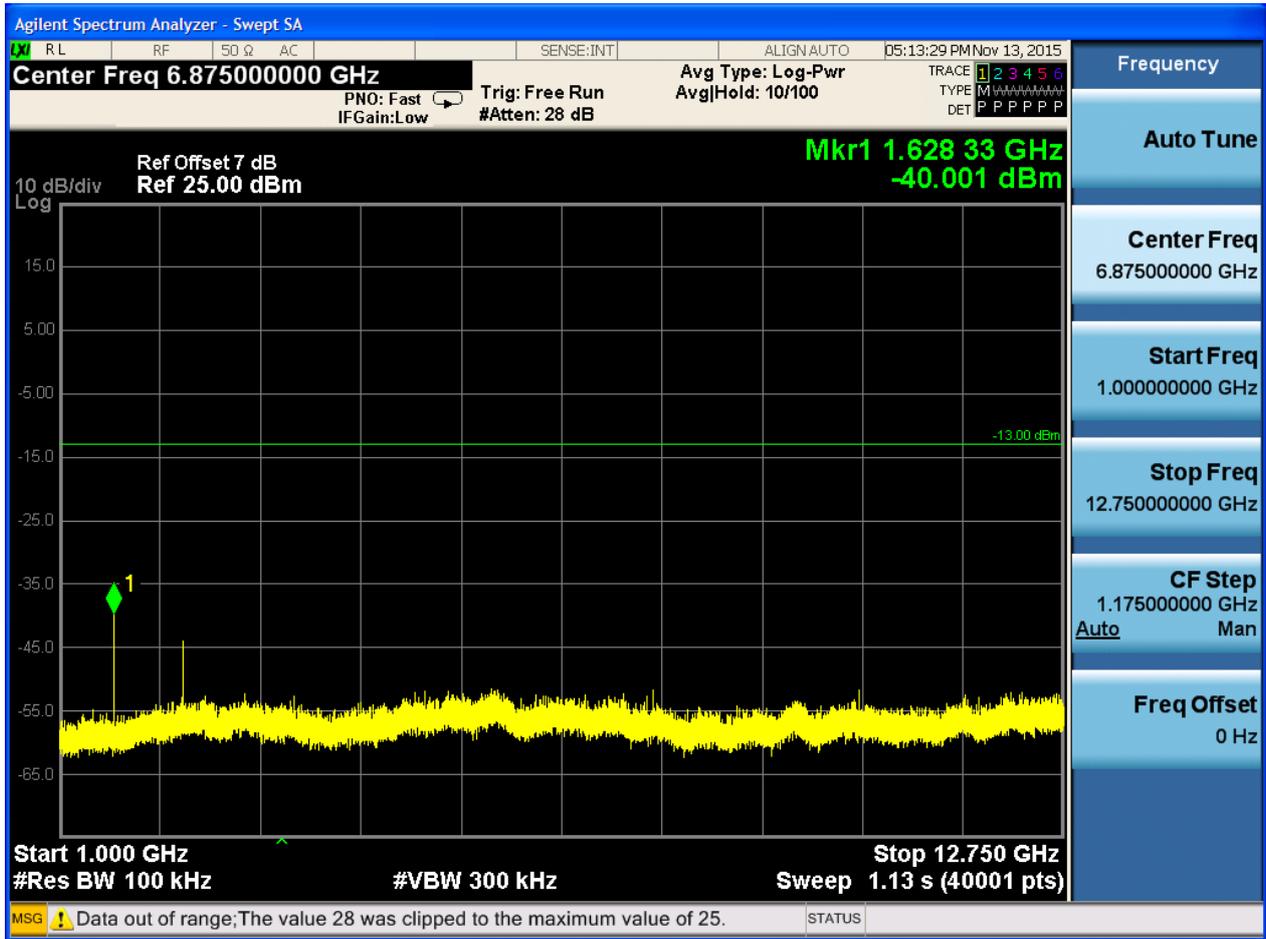
6.1.1.2.2.1 Test Channel = LCH

6.1.1.2.2.1.1 Test RB = RB1#0



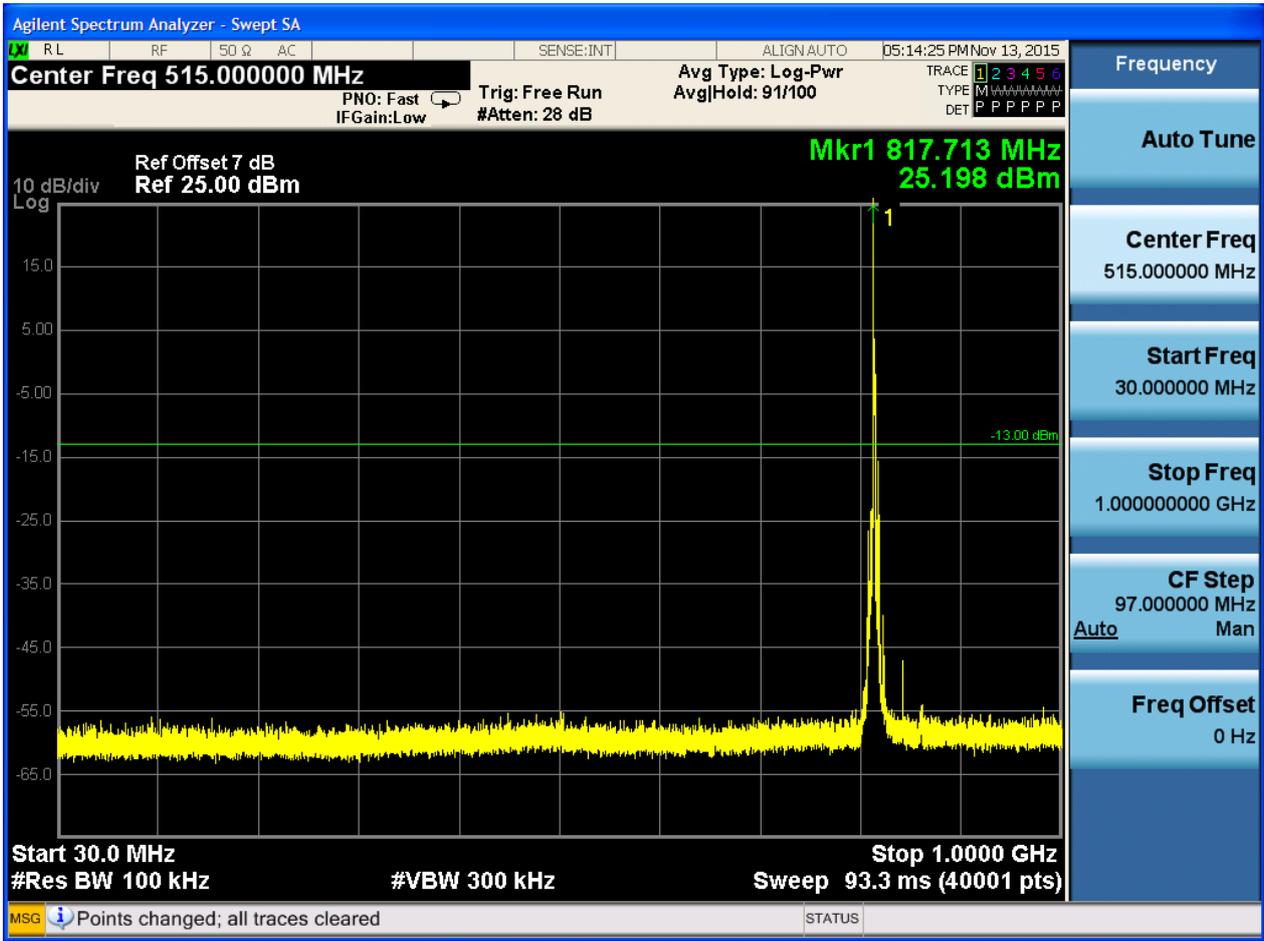


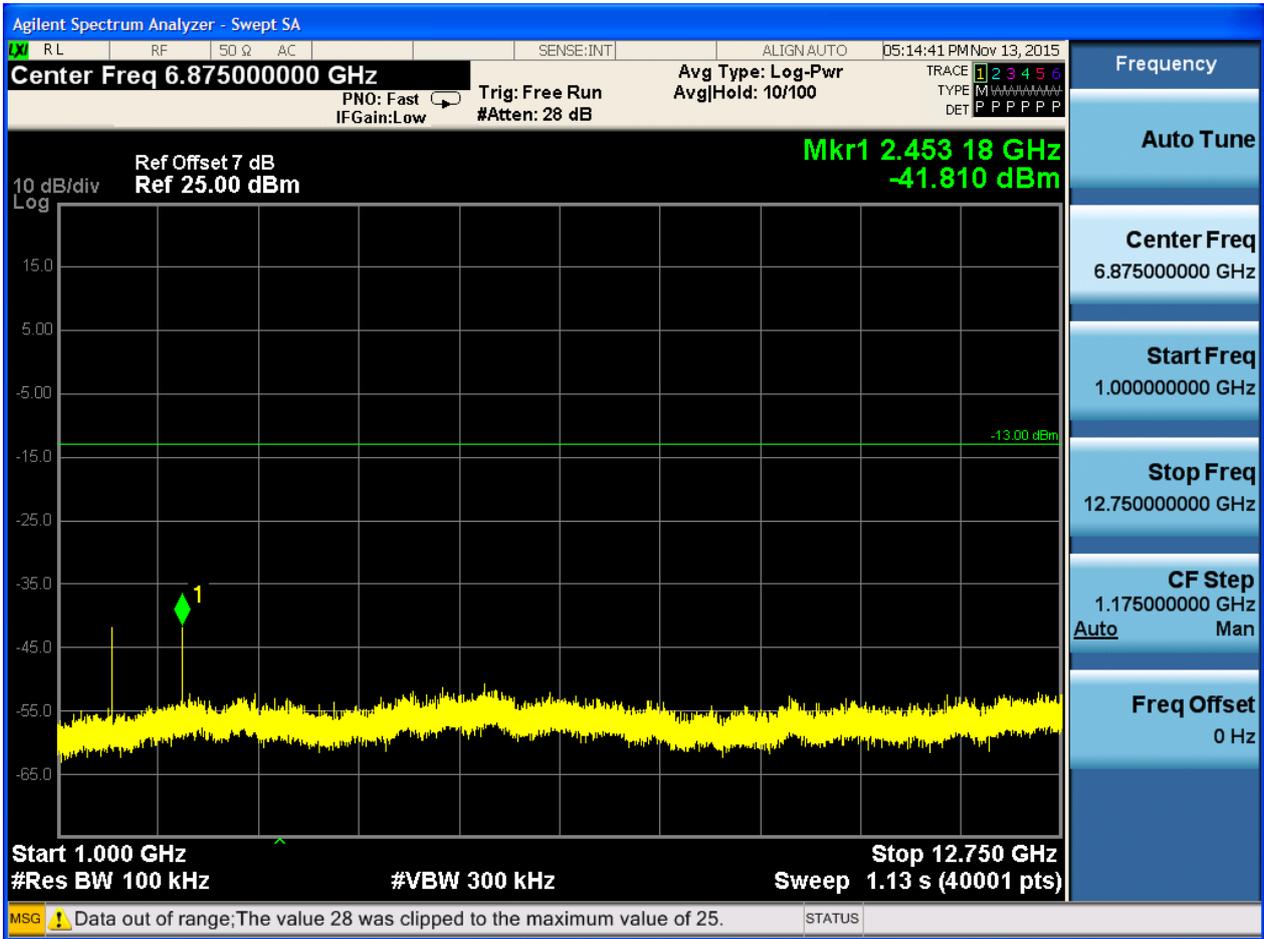








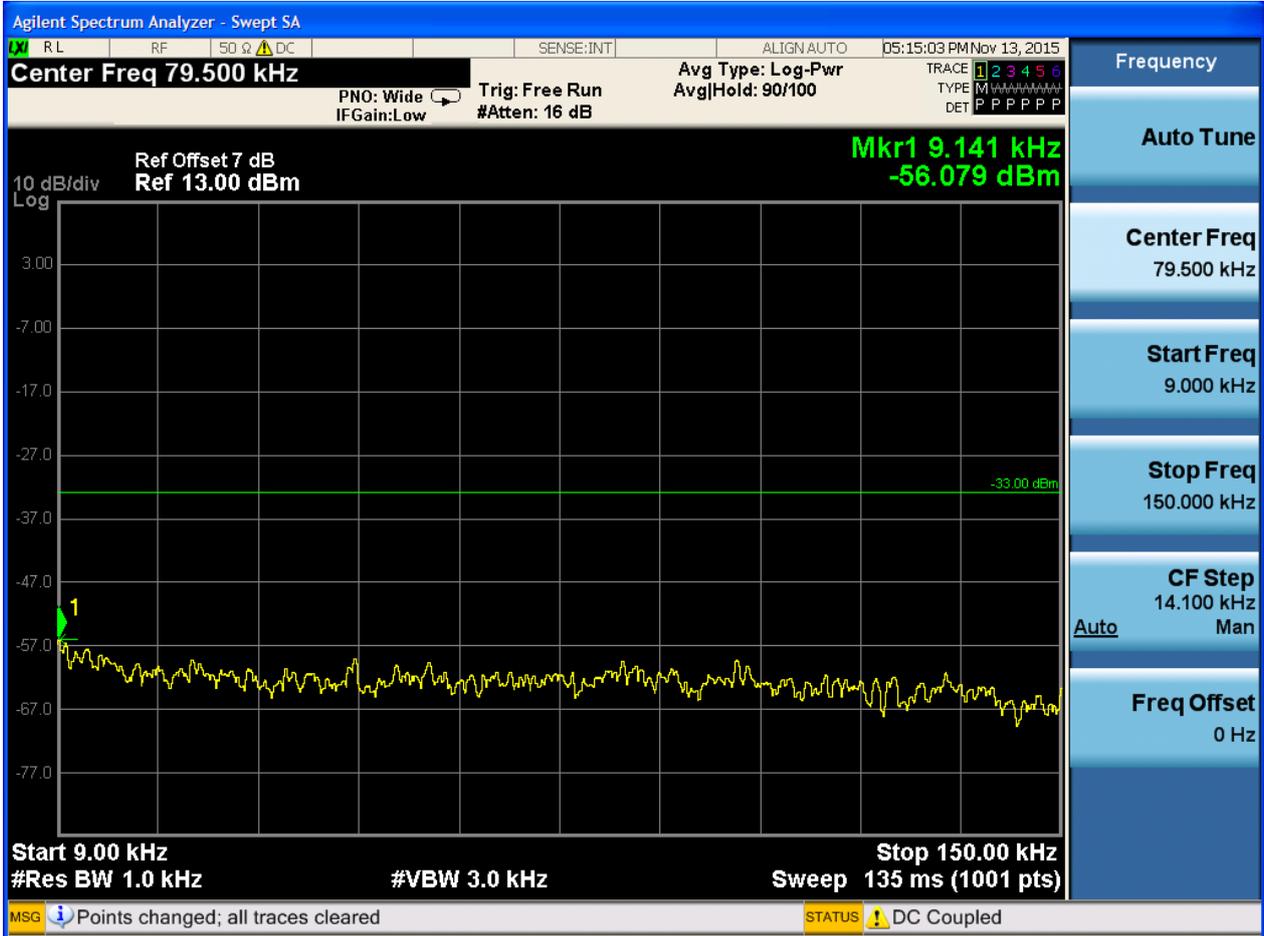




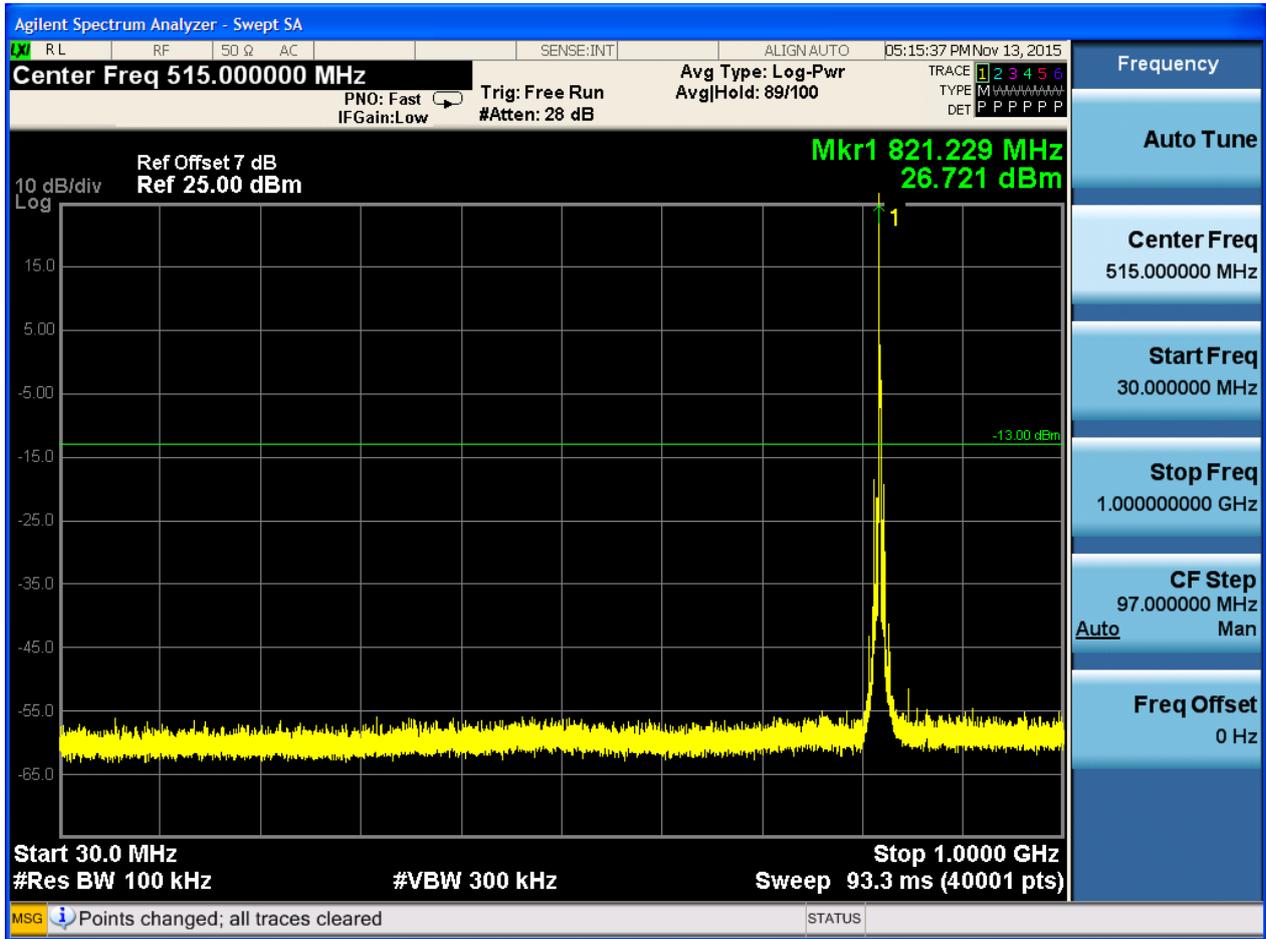


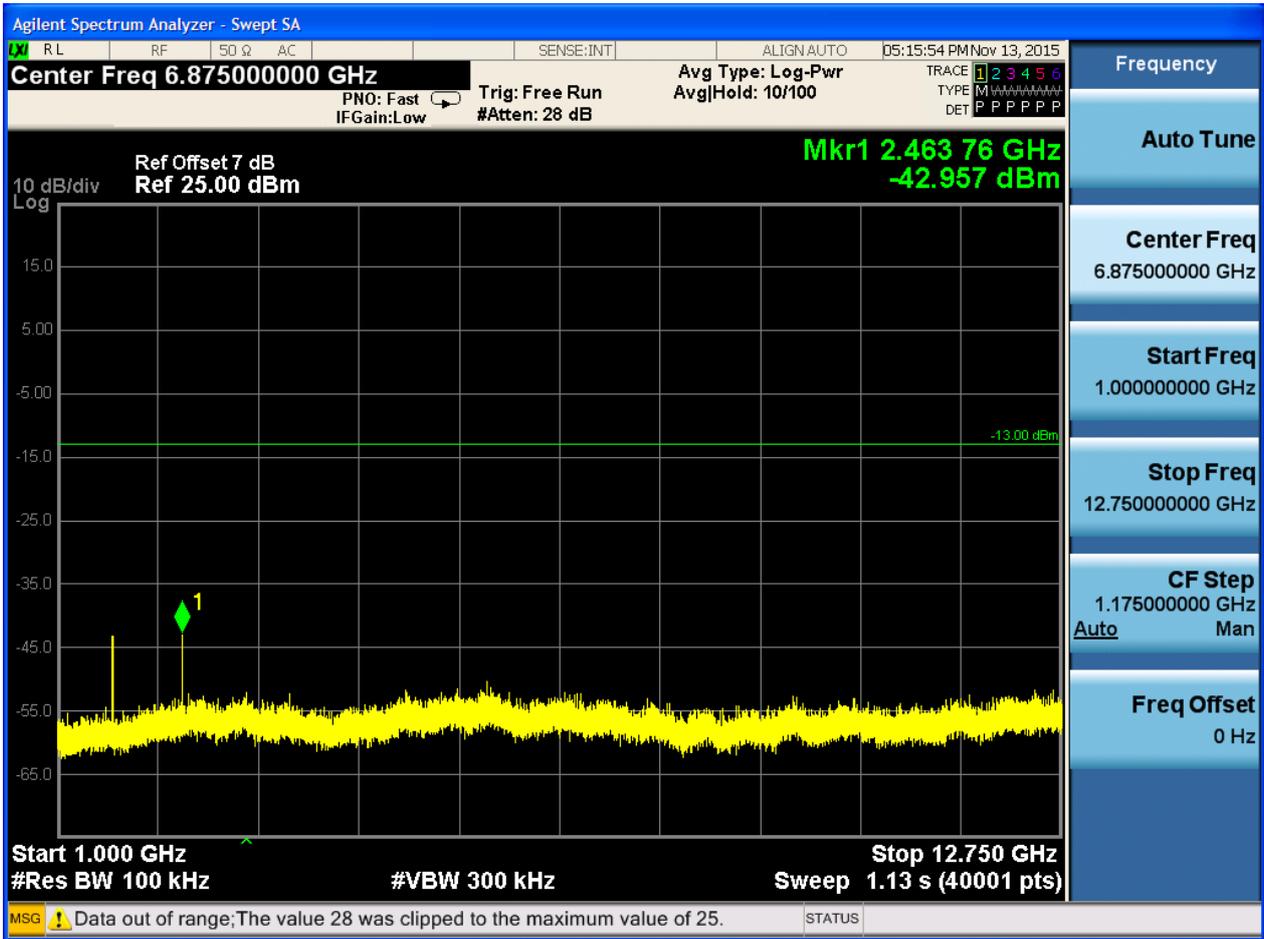
6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0







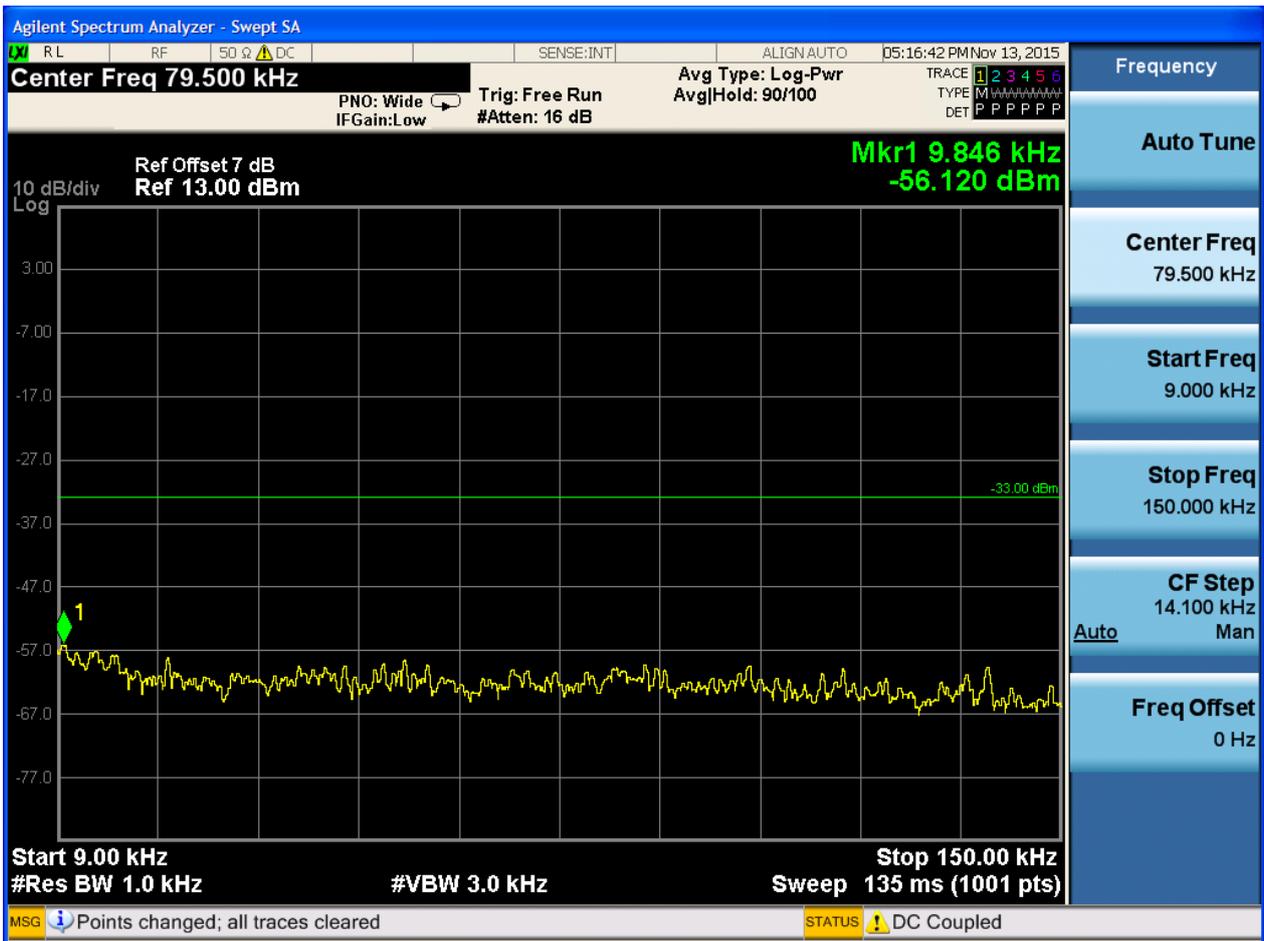


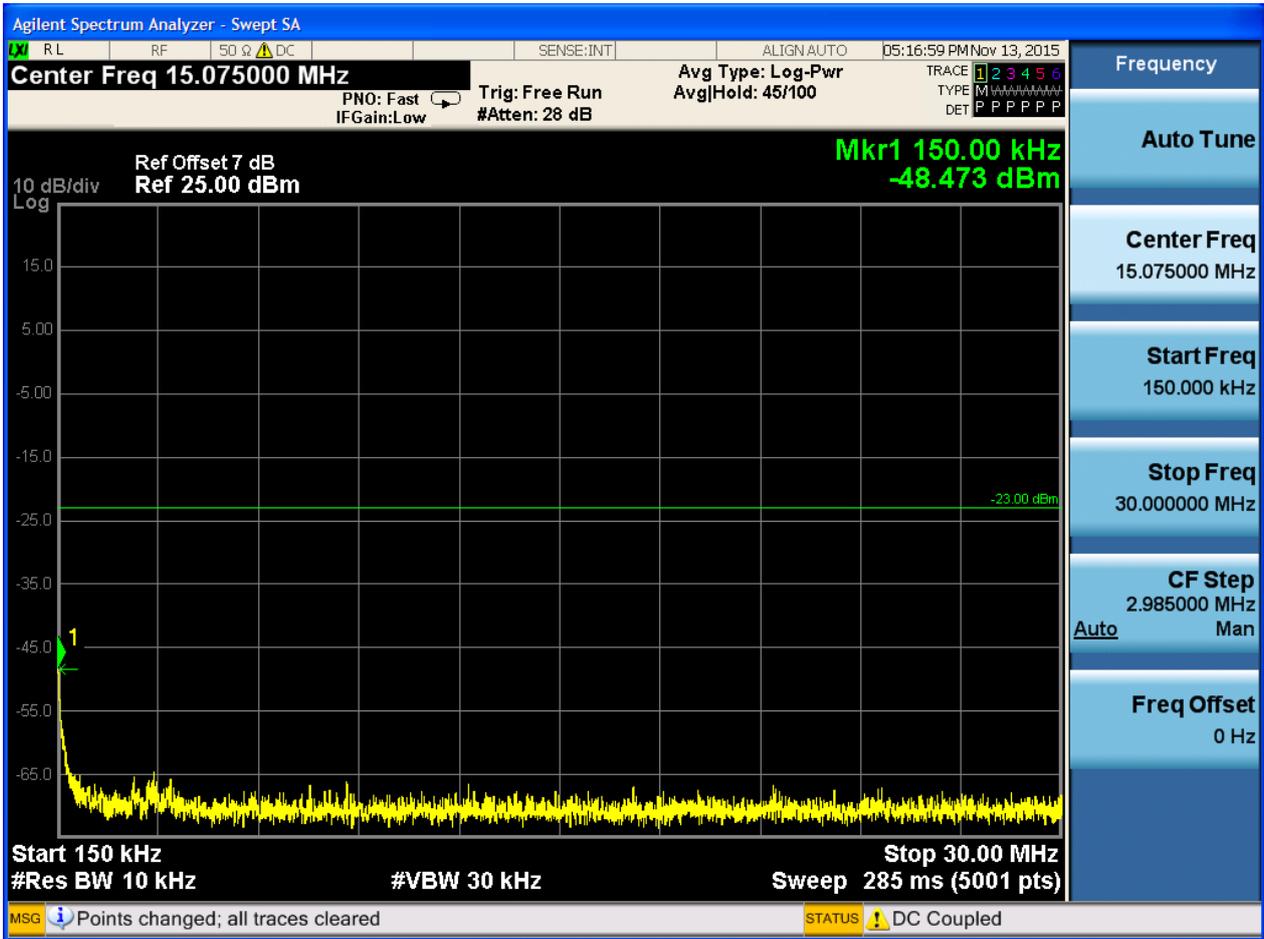


6.1.1.2.3 Test Bandwidth = 5

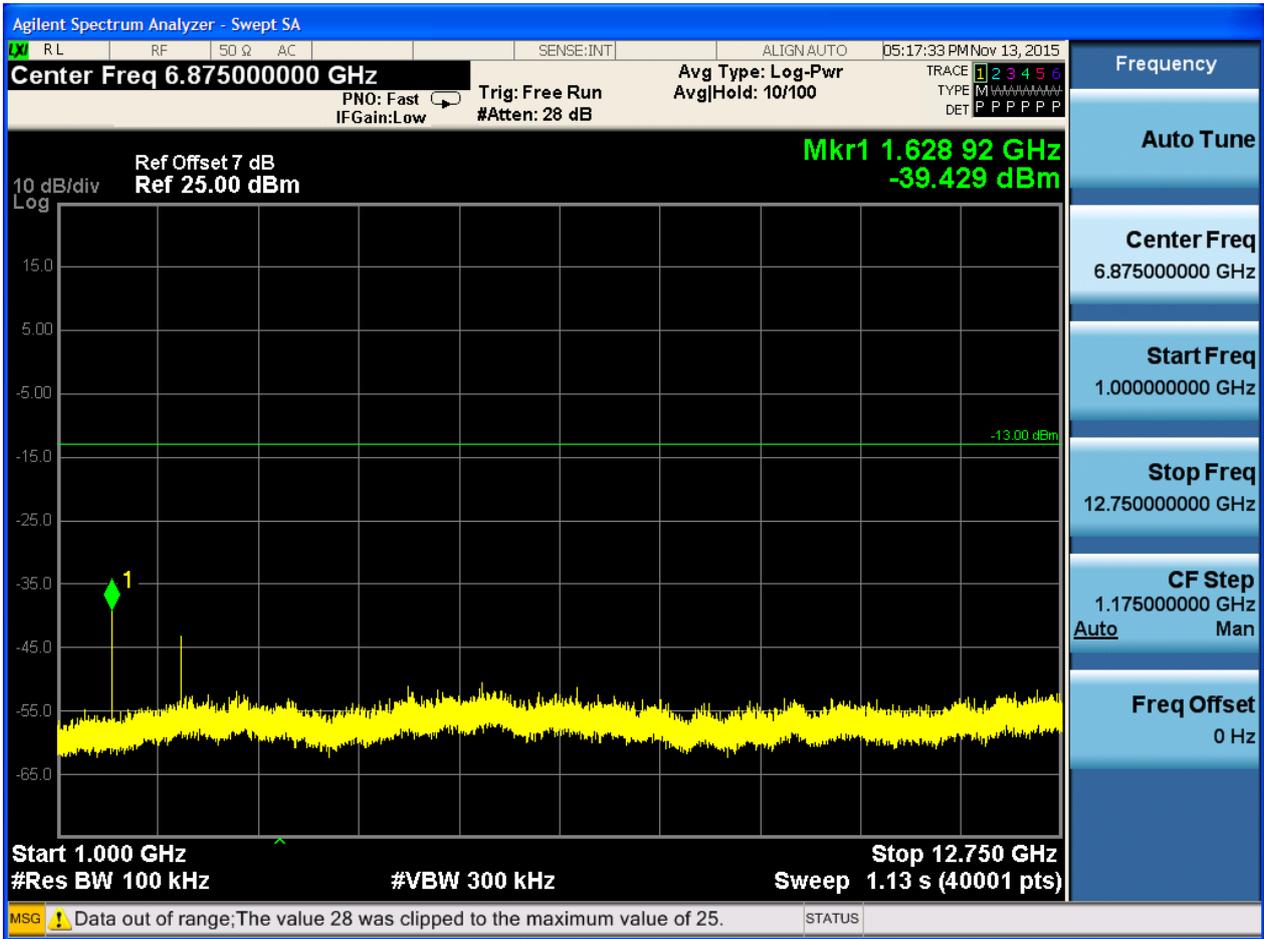
6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0





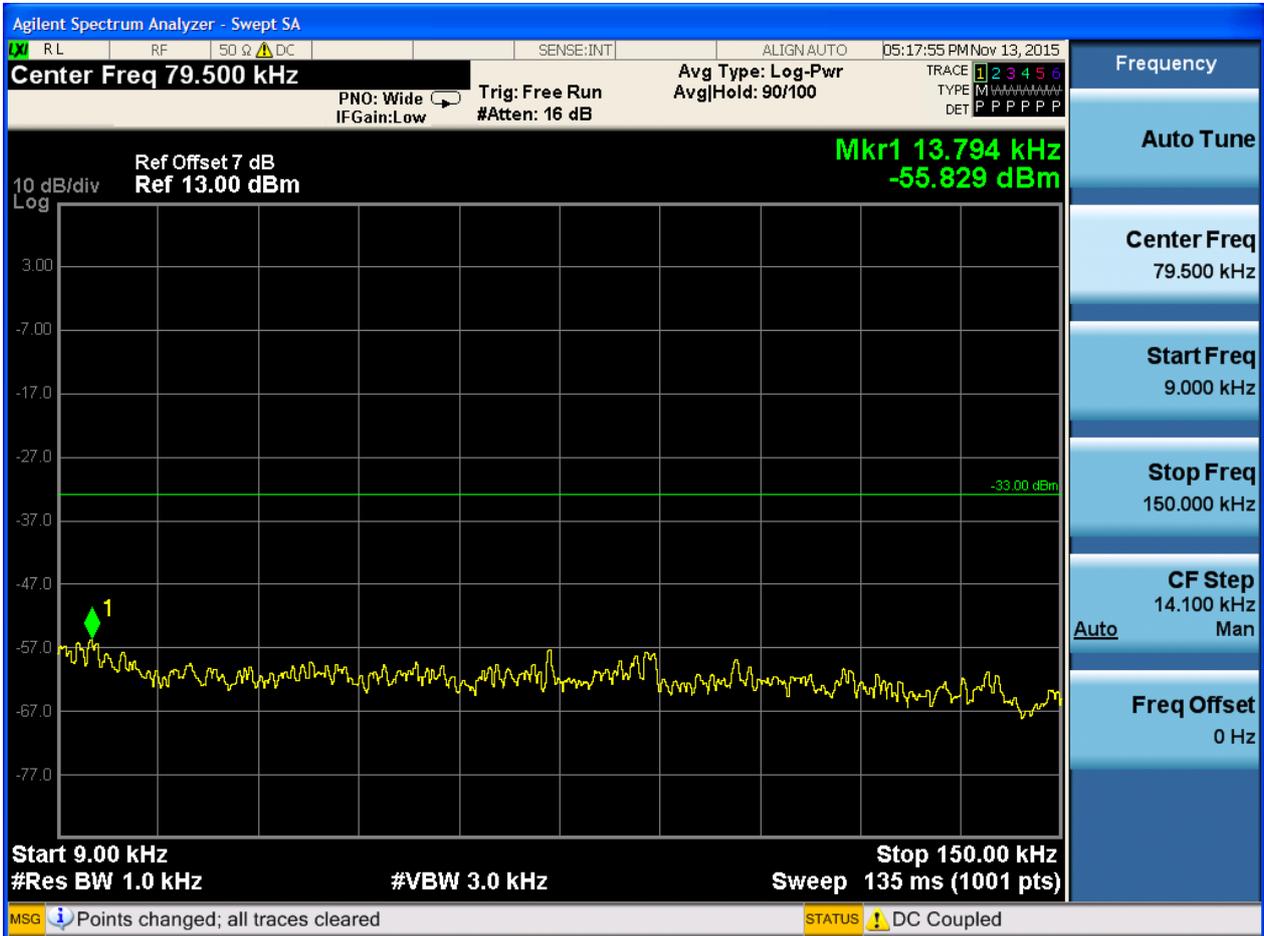


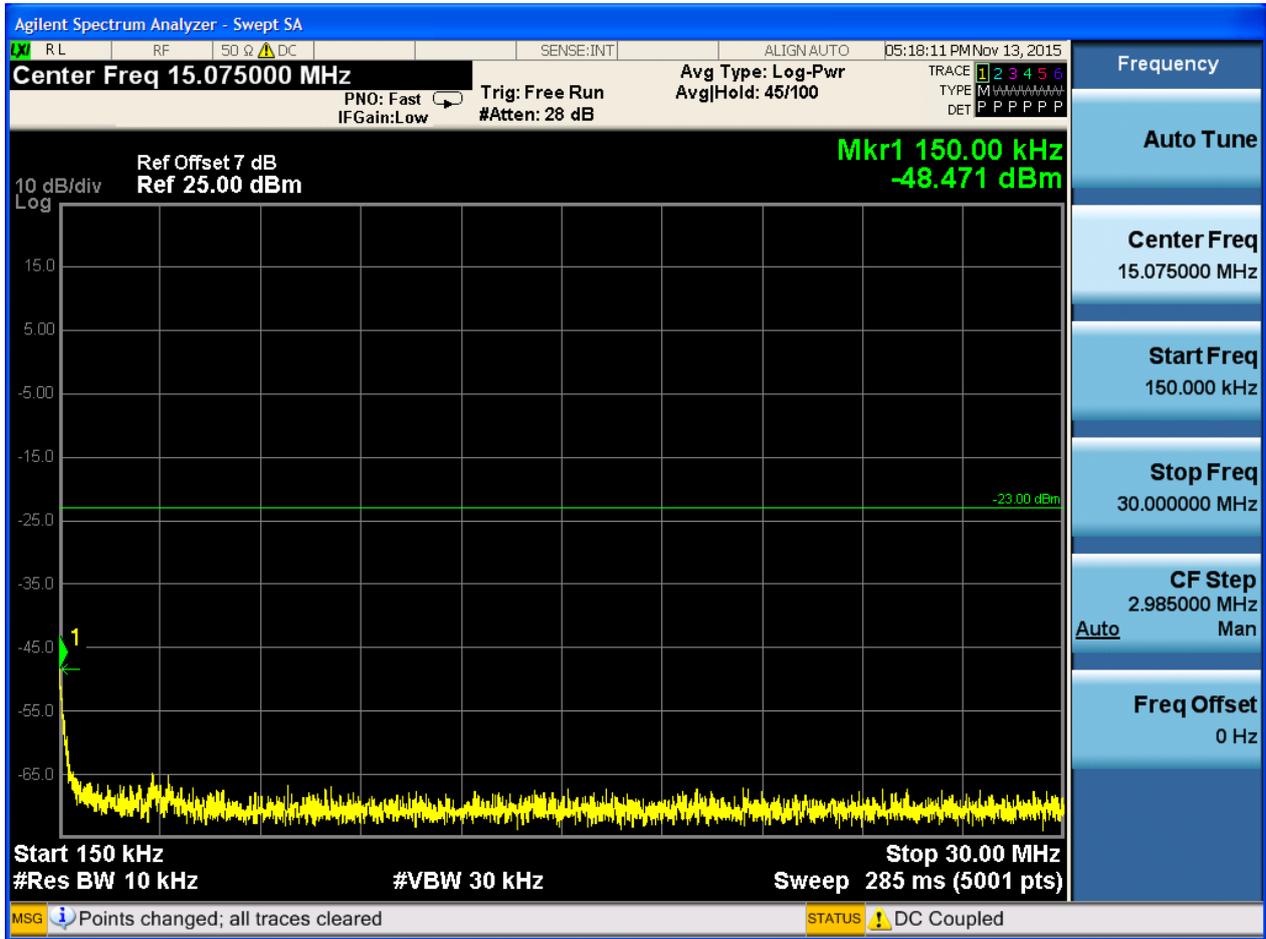


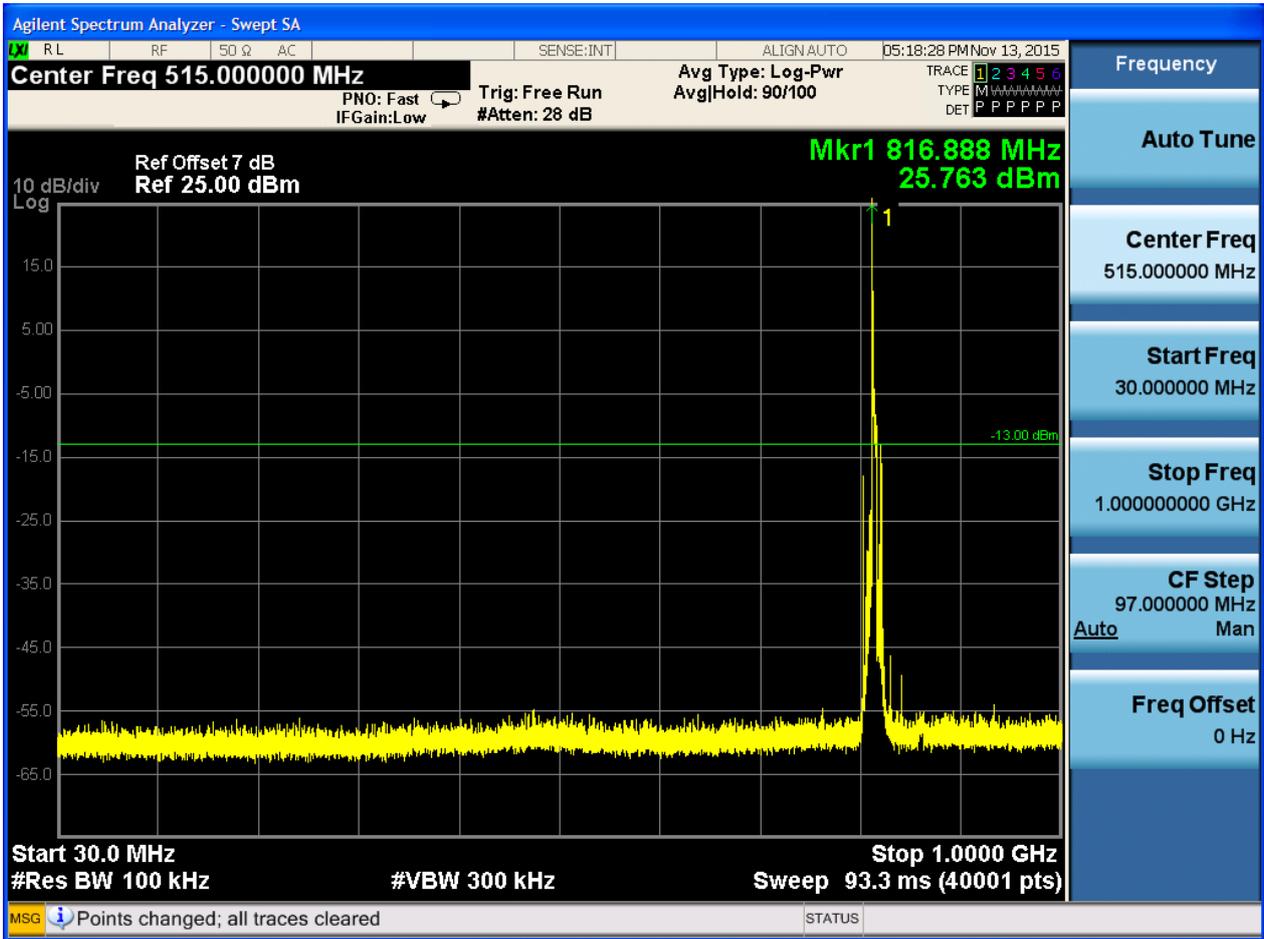


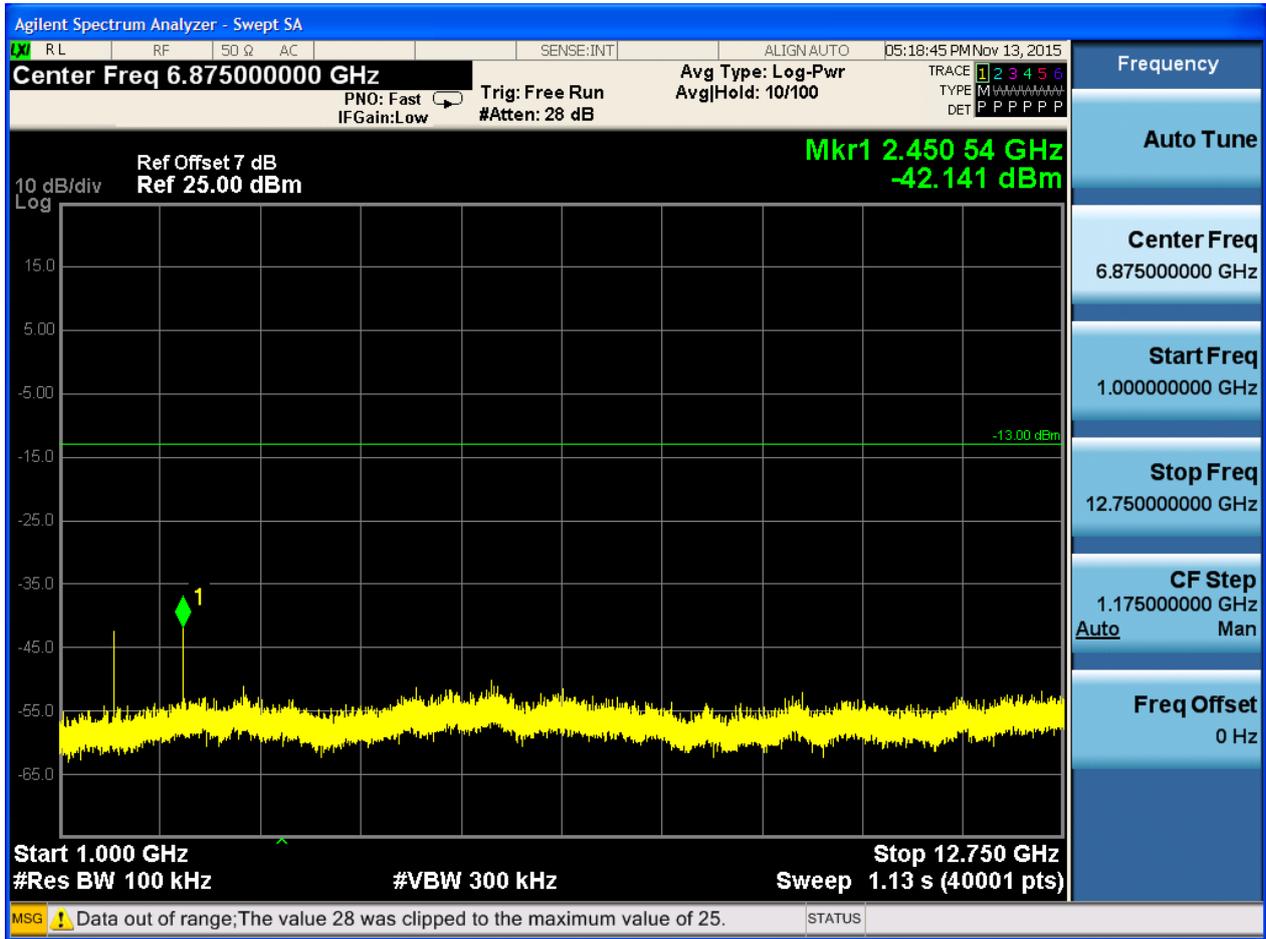
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0





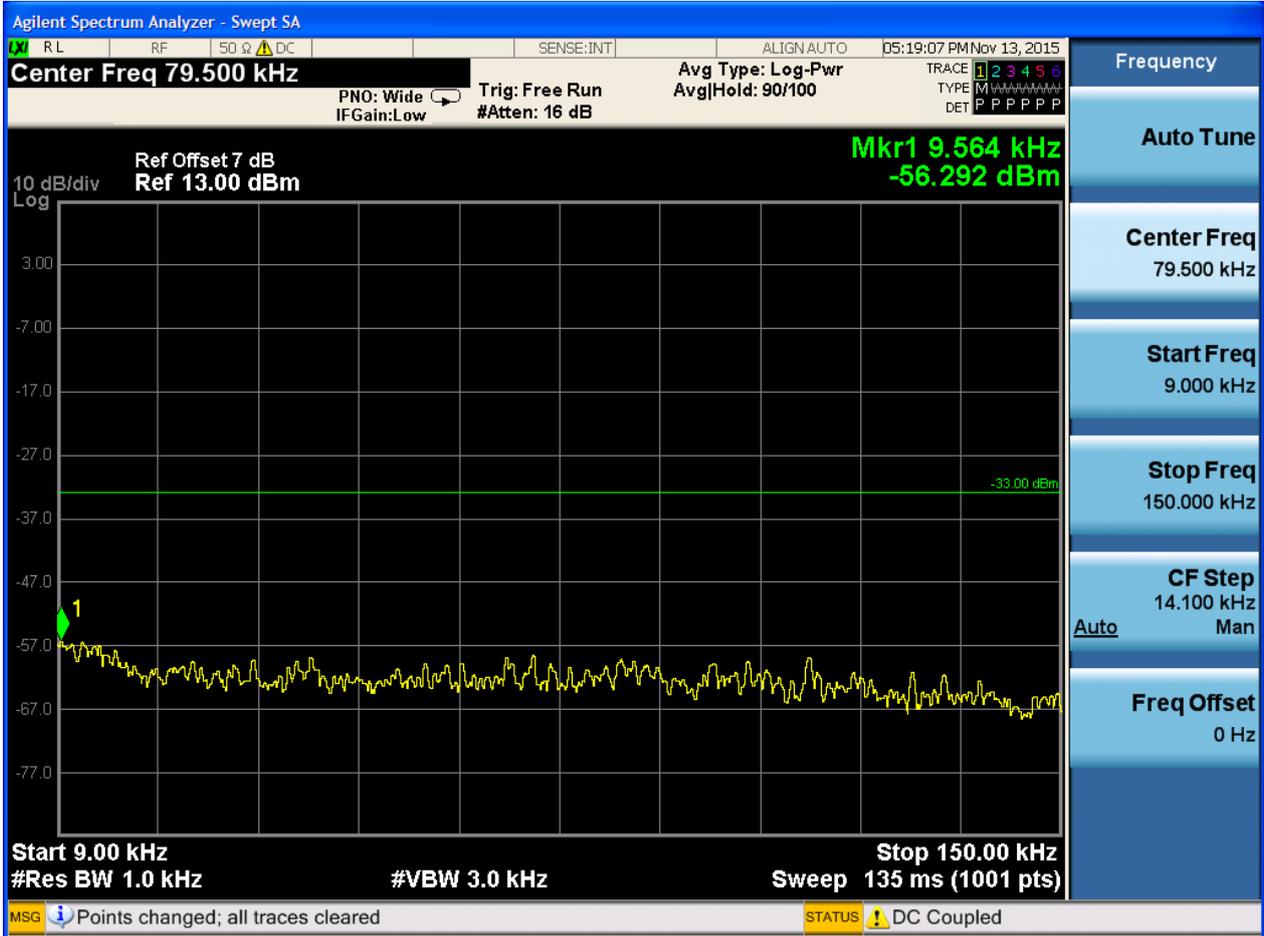


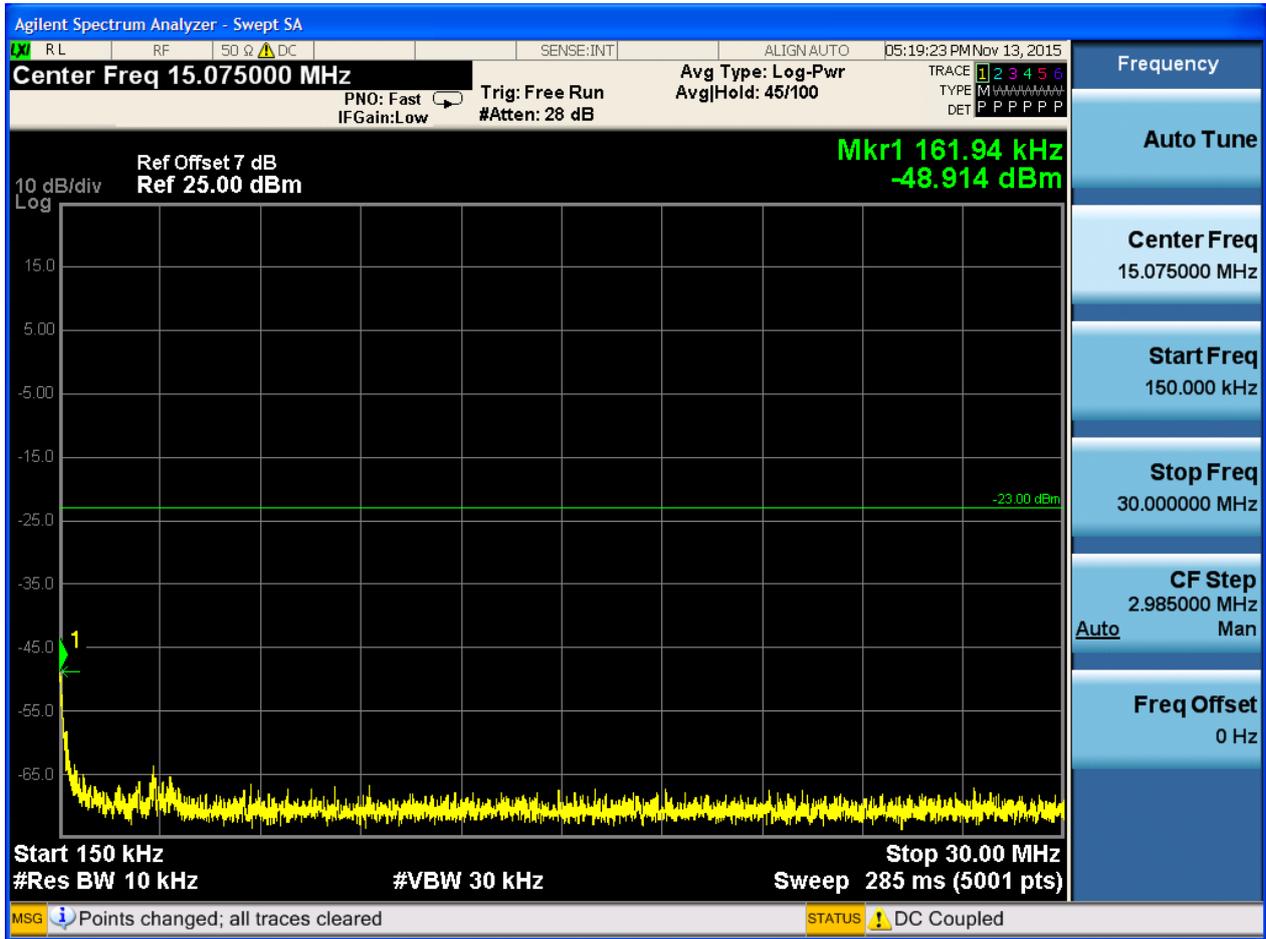


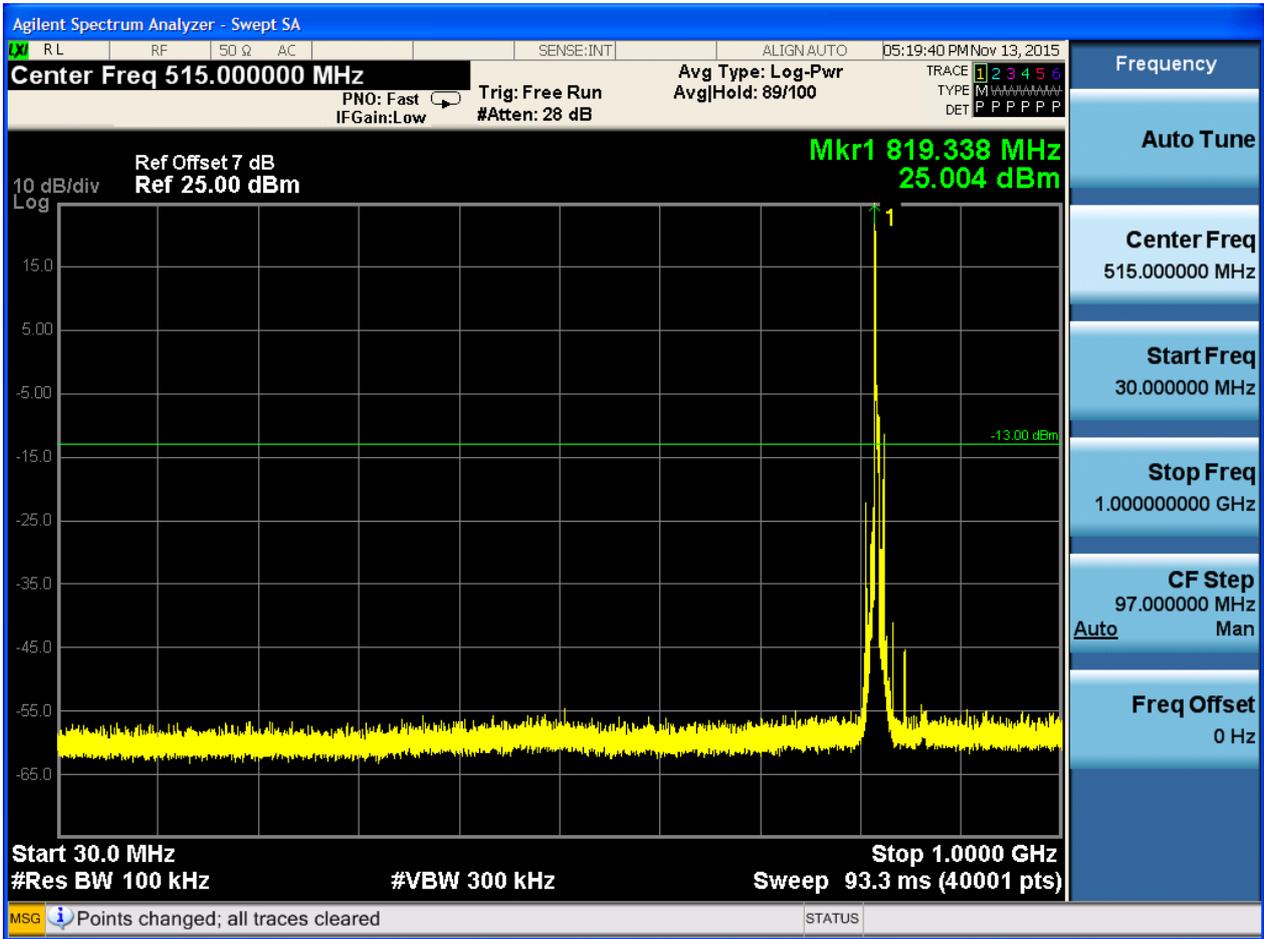


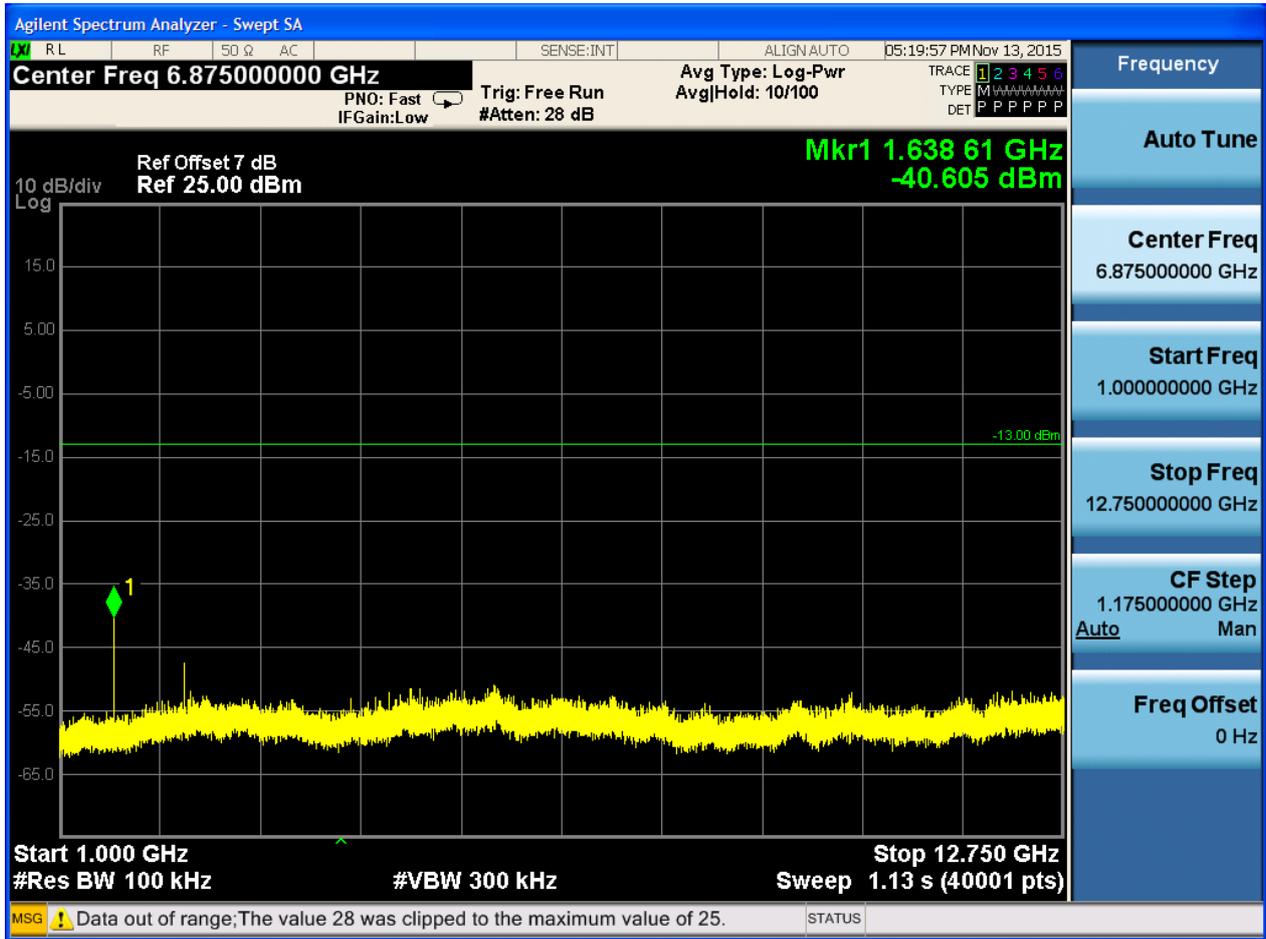
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







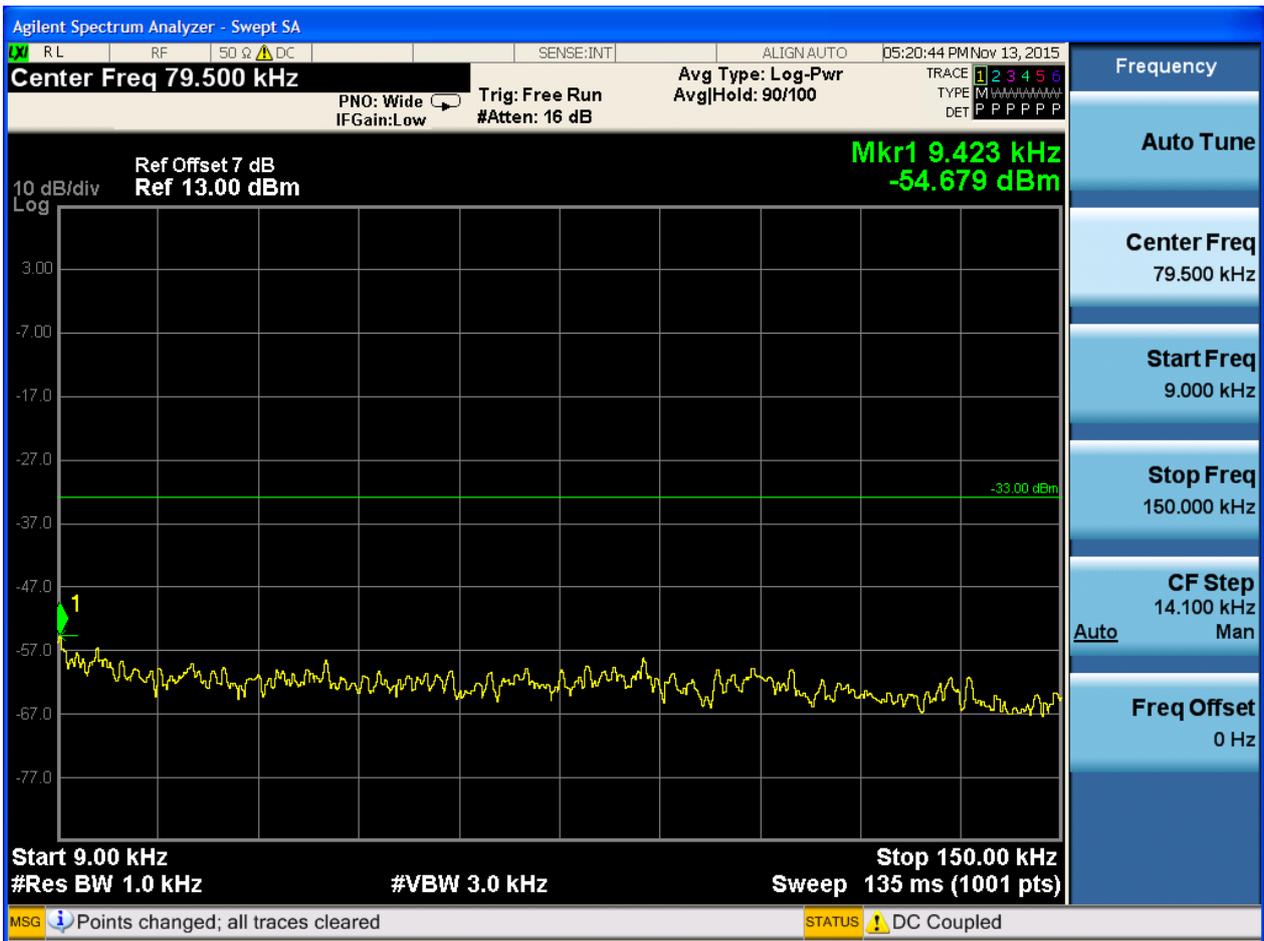




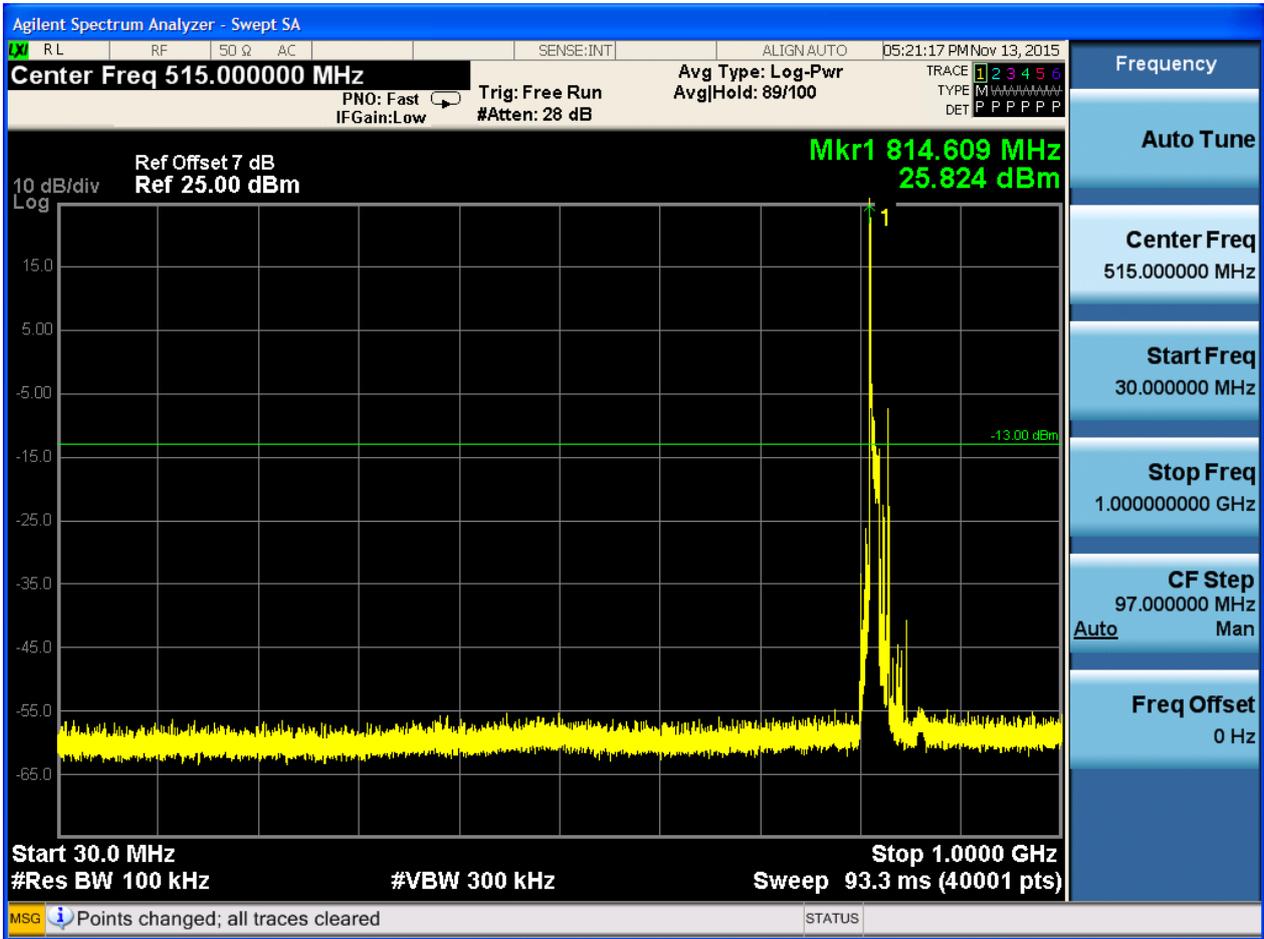
6.1.1.2.4 Test Bandwidth = 10

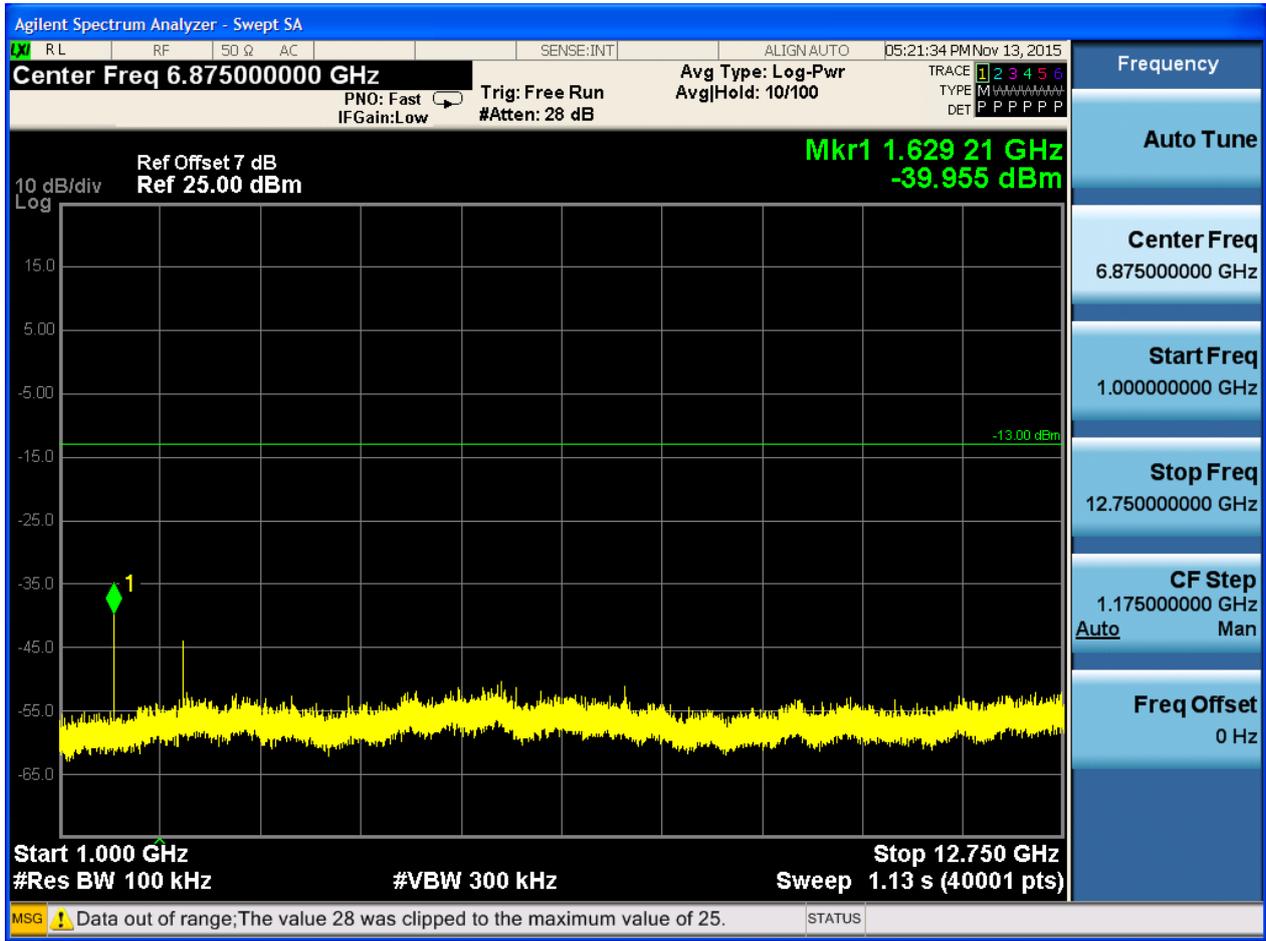
6.1.1.2.4.1 Test Channel = LCH/MCH/HCH

6.1.1.2.4.1.1 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

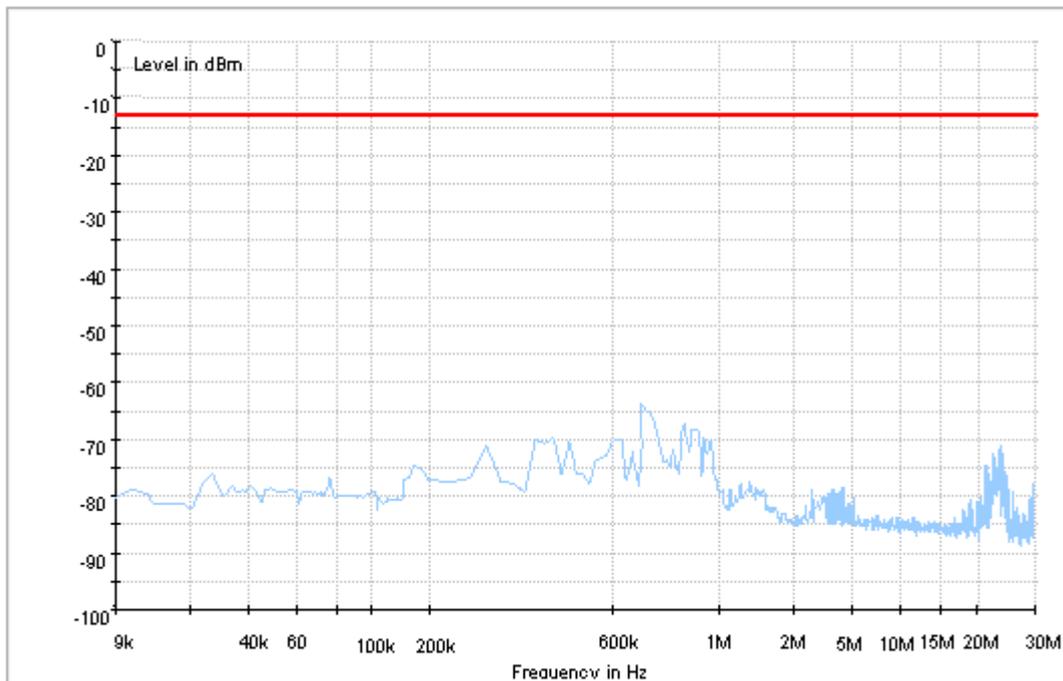
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

### Part I - Test Plots

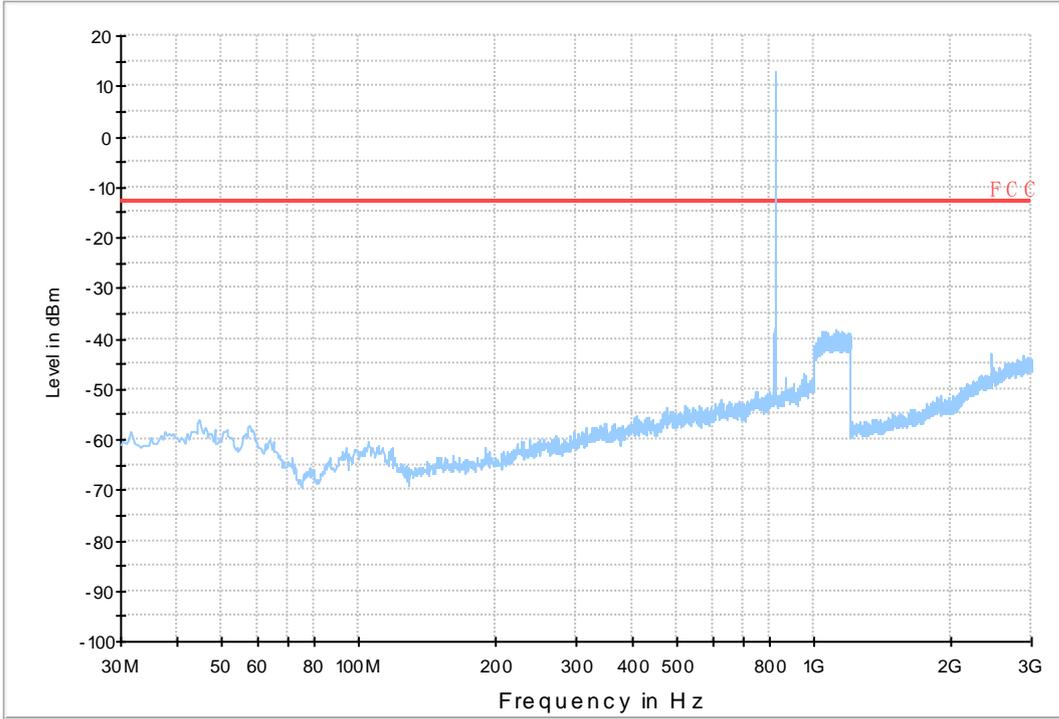
#### 7.1 For LTE

##### 7.1.1 Test Band = BAND26

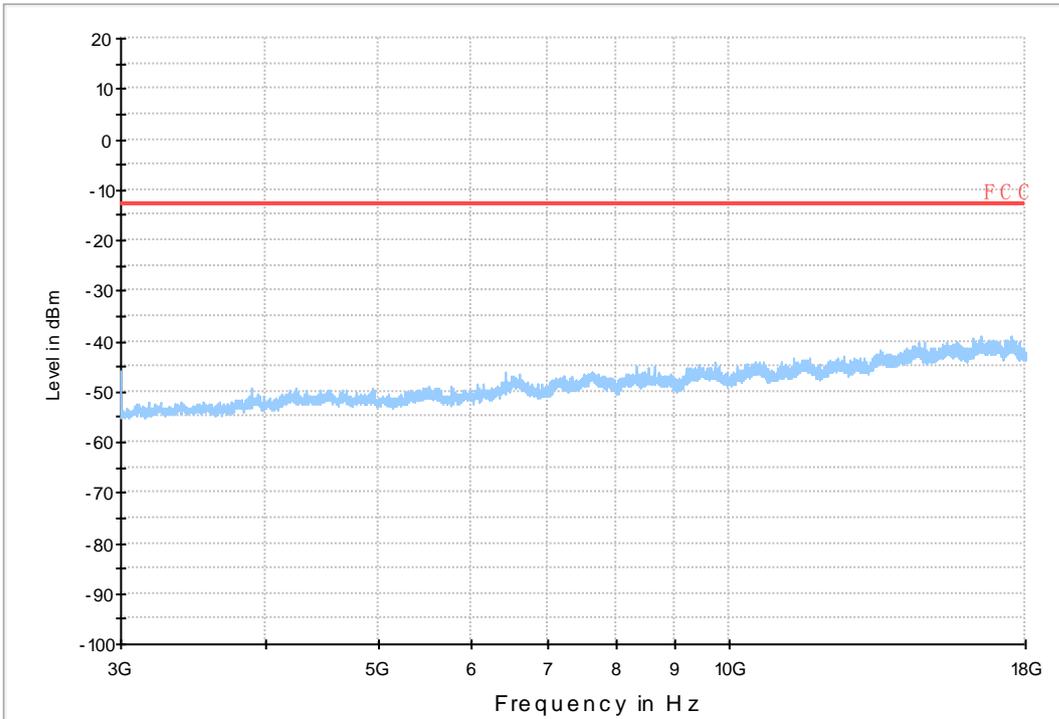
##### 7.1.1.1 Test Bandwidth = 1.4



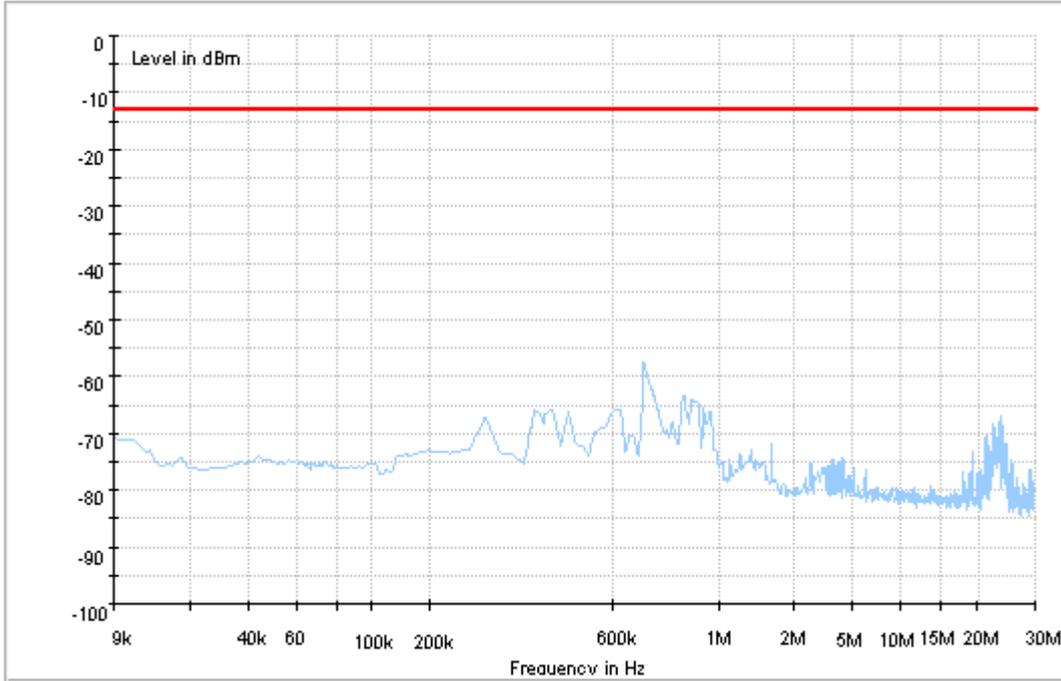
Copy of RSE-TX-DIRECTOR BELOW 1G\_L



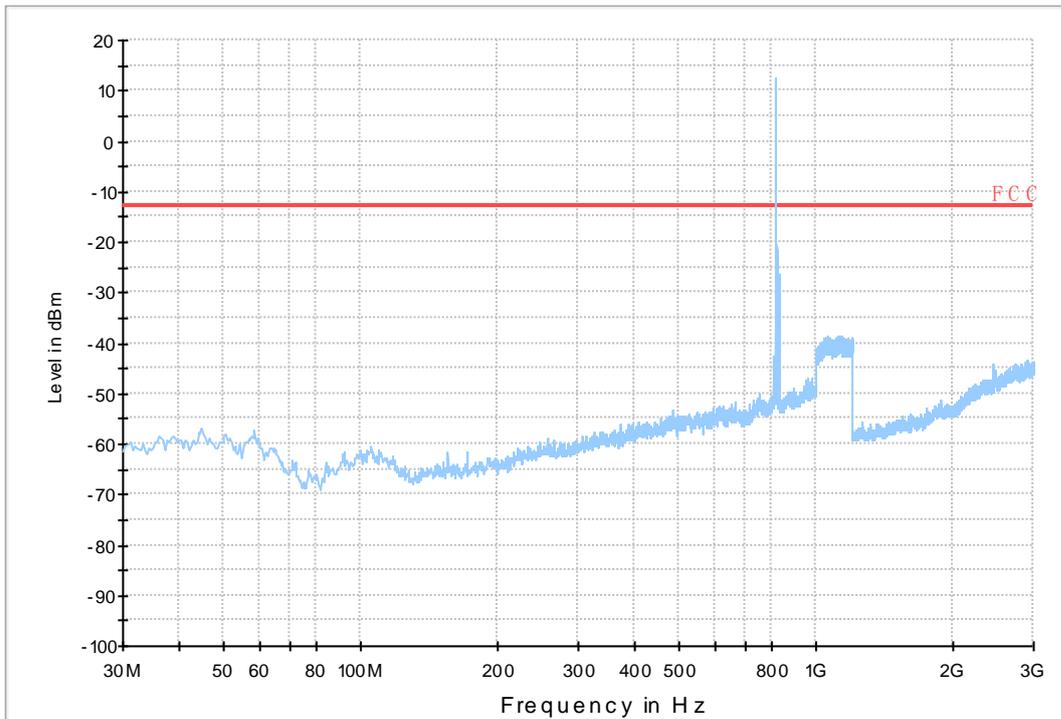
Copy of RSE-TX-DIRECTOR BELOW 1G\_H



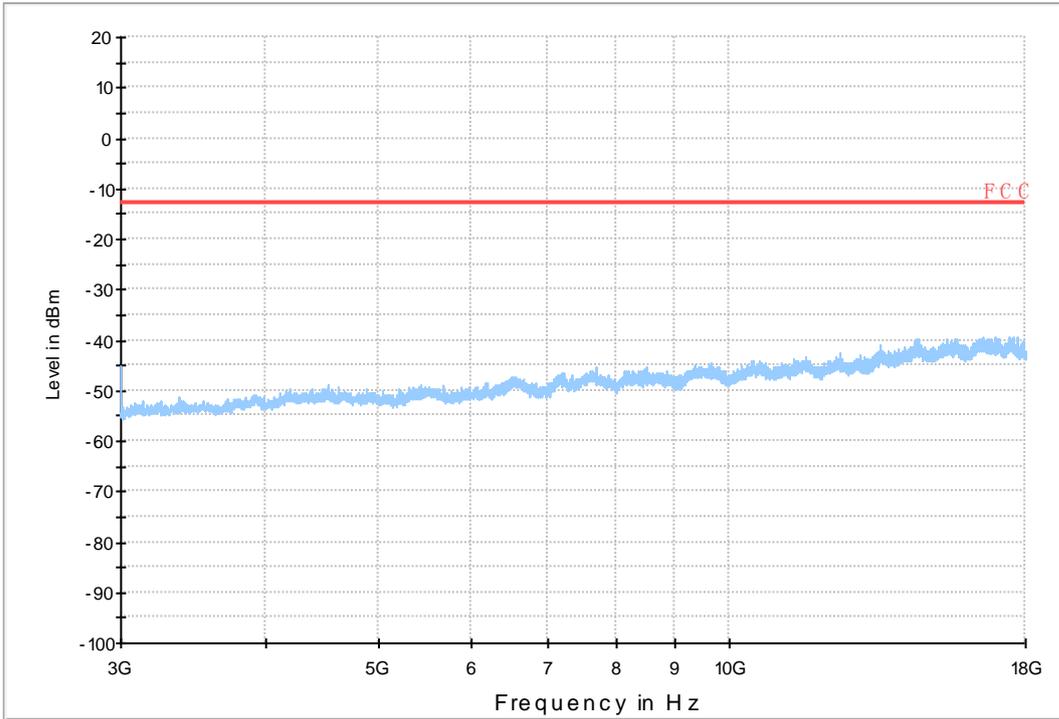
### 7.1.1.3 Test Bandwidth = 15



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	0.76	0.00093	PASS
					VN	0.24	0.00029	PASS
					VH	0.41	0.0005	PASS
			MCH	TN	VL	0.56	0.00068	PASS
					VN	0.43	0.00053	PASS
					VH	-0.24	-0.00029	PASS
			HCH	TN	VL	-0.23	-0.00028	PASS
					VN	-0.7	-0.00085	PASS
					VH	-2.9	-0.00352	PASS
		3	LCH	TN	VL	3.13	0.00384	PASS
					VN	0.9	0.0011	PASS
					VH	0.49	0.0006	PASS
			MCH	TN	VL	2.53	0.00309	PASS
					VN	-0.72	-0.00088	PASS
					VH	-1.13	-0.00138	PASS
			HCH	TN	VL	-1.02	-0.00124	PASS
					VN	1.23	0.0015	PASS
					VH	4.65	0.00565	PASS
		5	LCH	TN	VL	-3.1	-0.0038	PASS
					VN	-1.86	-0.00228	PASS
					VH	1.7	0.00208	PASS
			MCH	TN	VL	4.49	0.00548	PASS
					VN	2.73	0.00333	PASS
					VH	-3.12	-0.00381	PASS
	HCH		TN	VL	-5.56	-0.00677	PASS	
				VN	-1.65	-0.00201	PASS	
				VH	2.93	0.00357	PASS	
	10	LCH/MCH /HCH	TN	VL	0.07	0.00009	PASS	
				VN	-1.82	-0.00222	PASS	
				VH	2.78	0.00339	PASS	
	LTE/TM2	1.4	LCH	TN	VL	0.2	0.00025	PASS
					VN	-0.62	-0.00076	PASS
					VH	-0.19	-0.00023	PASS
			MCH	TN	VL	1.59	0.00194	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.06	0.00129	PASS
					VH	1.46	0.00178	PASS
			HCH	TN	VL	0.1	0.00012	PASS
					VN	-1.63	-0.00198	PASS
					VH	1.36	0.00165	PASS
					VL	-0.17	-0.00021	PASS
		3	LCH	TN	VN	0.64	0.00078	PASS
					VH	1.56	0.00191	PASS
					VL	4.71	0.00575	PASS
			MCH	TN	VN	2.05	0.0025	PASS
					VH	-2.09	-0.00255	PASS
					VL	-0.94	-0.00114	PASS
		5	HCH	TN	VN	-1.54	-0.00187	PASS
					VH	-7.3	-0.00888	PASS
					VL	-0.44	-0.00054	PASS
			LCH	TN	VN	-4.51	-0.00552	PASS
					VH	-2.36	-0.00289	PASS
					VL	-1.63	-0.00199	PASS
		10	MCH	TN	VN	2.1	0.00256	PASS
					VH	-2.39	-0.00292	PASS
					VL	4.32	0.00526	PASS
			HCH	TN	VN	-0.29	-0.00035	PASS
					VH	1.77	0.00215	PASS
					VL	-2.98	-0.00364	PASS
		LCH/MCH /HCH	TN	VN	-1.27	-0.00155	PASS	
				VH	-1.82	-0.00222	PASS	
				VH	-1.82	-0.00222	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	0.36	0.00044	PASS
					-20	-1.65	-0.00203	PASS
					-10	-1.54	-0.00189	PASS
					0	-0.33	-0.00041	PASS
					10	-2.12	-0.0026	PASS
					20	-4.56	-0.0056	PASS
					30	-0.64	-0.00079	PASS
					40	-1.13	-0.00139	PASS
					50	-0.36	-0.00044	PASS
			MCH	VN	-30	-5.68	-0.00694	PASS
					-20	-4.89	-0.00597	PASS
					-10	-0.21	-0.00026	PASS
					0	-1.44	-0.00176	PASS
					10	-0.89	-0.00109	PASS
					20	-7.57	-0.00924	PASS
		30			-1.3	-0.00159	PASS	
		40			-4.86	-0.00593	PASS	
		50			-2.86	-0.00349	PASS	
		HCH	VN	-30	-2.2	-0.00267	PASS	
				-20	-0.57	-0.00069	PASS	
				-10	0.6	0.00073	PASS	
				0	2.39	0.0029	PASS	
				10	-0.06	-0.00007	PASS	
				20	0.46	0.00056	PASS	
				30	-4.84	-0.00588	PASS	
				40	-1.97	-0.00239	PASS	
				50	0.33	0.0004	PASS	
		3	LCH	VN	-30	0.83	0.00102	PASS
					-20	-0.97	-0.00119	PASS
					-10	-1.59	-0.00195	PASS
0	-4.36				-0.00535	PASS		
10	2.42				0.00297	PASS		
20	-2.2				-0.0027	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-2.32	-0.00284	PASS
					40	-3.22	-0.00395	PASS
					50	2.65	0.00325	PASS
			MCH	VN	-30	-1.13	-0.00138	PASS
					-20	0.23	0.00028	PASS
					-10	-3.49	-0.00426	PASS
					0	-1.46	-0.00178	PASS
					10	1.13	0.00138	PASS
					20	-1.85	-0.00226	PASS
					30	-0.34	-0.00042	PASS
					40	-1.27	-0.00155	PASS
					50	0.29	0.00035	PASS
			HCH	VN	-30	-2.19	-0.00266	PASS
					-20	0.13	0.00016	PASS
					-10	-0.43	-0.00052	PASS
		0			0.1	0.00012	PASS	
		10			-1.66	-0.00202	PASS	
		20			-0.44	-0.00053	PASS	
		30			-0.8	-0.00097	PASS	
		40			-0.79	-0.00096	PASS	
		5	LCH	VN	-30	-0.44	-0.00054	PASS
					-20	-1.13	-0.00138	PASS
					-10	-2.25	-0.00276	PASS
					0	-0.64	-0.00078	PASS
					10	-0.62	-0.00076	PASS
					20	0.72	0.00088	PASS
					30	-1.95	-0.00239	PASS
					40	-0.34	-0.00042	PASS
			50	0.6	0.00073	PASS		
			MCH	VN	-30	-1.07	-0.00131	PASS
					-20	-0.29	-0.00035	PASS
					-10	-2.72	-0.00332	PASS
					0	-1.14	-0.00139	PASS
10	-2.25				-0.00275	PASS		
20	-0.41				-0.0005	PASS		
30	-1.46	-0.00178			PASS			
40	-0.21	-0.00026	PASS					
50	-1.53	-0.00187	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	-0.5	-0.00061	PASS
					-20	-0.67	-0.00082	PASS
					-10	0.34	0.00041	PASS
					0	-0.43	-0.00052	PASS
					10	-1.52	-0.00185	PASS
					20	-1.89	-0.0023	PASS
					30	-0.03	-0.00004	PASS
					40	-0.03	-0.00004	PASS
					50	1.63	0.00198	PASS
		10	LCH/MCH /HCH	VN	-30	-2.63	-0.00321	PASS
					-20	0.11	0.00013	PASS
					-10	-0.07	-0.00009	PASS
					0	-1.24	-0.00151	PASS
					10	-1.17	-0.00143	PASS
					20	0.19	0.00023	PASS
					30	-0.31	-0.00038	PASS
					40	0.24	0.00029	PASS
					50	-0.86	-0.00105	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.1	-0.00012	PASS
					-20	-2.68	-0.00329	PASS
					-10	-1.65	-0.00203	PASS
					0	0.11	0.00014	PASS
					10	-1.7	-0.00209	PASS
					20	-2	-0.00245	PASS
					30	0.2	0.00025	PASS
					40	-0.33	-0.00041	PASS
					50	0.33	0.00041	PASS
			MCH	VN	-30	-2.22	-0.00271	PASS
					-20	-1.22	-0.00149	PASS
					-10	-0.4	-0.00049	PASS
					0	-1.85	-0.00226	PASS
					10	-5.62	-0.00686	PASS
					20	-1.4	-0.00171	PASS
HCH	VN	30	-0.53	-0.00065	PASS			
		40	-1.92	-0.00234	PASS			
		50	-1.02	-0.00125	PASS			
					-30	-0.07	-0.00009	PASS
					-20	-1.4	-0.0017	PASS
					-10	-0.06	-0.00007	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-2.63	-0.00319	PASS		
					10	-2.78	-0.00338	PASS		
					20	-0.33	-0.0004	PASS		
					30	-5.12	-0.00622	PASS		
					40	-0.99	-0.0012	PASS		
					50	-1.02	-0.00124	PASS		
		3	LCH	VN	-30	-0.94	-0.00115	PASS		
					-20	-5.89	-0.00722	PASS		
					-10	-0.73	-0.0009	PASS		
					0	-1.75	-0.00215	PASS		
					10	-1.09	-0.00134	PASS		
					20	-0.21	-0.00026	PASS		
					30	-1.23	-0.00151	PASS		
					40	-0.89	-0.00109	PASS		
					50	-0.27	-0.00033	PASS		
					MCH	VN	-30	-0.5	-0.00061	PASS
							-20	-3.06	-0.00374	PASS
							-10	0.56	0.00068	PASS
							0	-2.06	-0.00252	PASS
							10	-1.12	-0.00137	PASS
							20	-2.02	-0.00247	PASS
							30	-1.06	-0.00129	PASS
							40	-0.23	-0.00028	PASS
					HCH	VN	-30	-0.09	-0.00011	PASS
		-20	1.2	0.00146			PASS			
		-10	4.39	0.00534			PASS			
		0	1.87	0.00227			PASS			
		10	-1.02	-0.00124			PASS			
		20	-0.27	-0.00033			PASS			
		30	1.07	0.0013			PASS			
40	-1.97	-0.0024	PASS							
5	LCH	VN	-30	0.39	0.00048	PASS				
			-20	2.02	0.00247	PASS				
			-10	-1.13	-0.00138	PASS				
			0	1.24	0.00152	PASS				
			10	-0.59	-0.00072	PASS				
			20	-2.95	-0.00361	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	1.85	0.00227	PASS
					40	-0.53	-0.00065	PASS
					50	1.06	0.0013	PASS
			MCH	VN	-30	-3.33	-0.00407	PASS
					-20	-0.11	-0.00013	PASS
					-10	-2.95	-0.0036	PASS
					0	-2.83	-0.00346	PASS
					10	-0.43	-0.00053	PASS
					20	1.49	0.00182	PASS
					30	-1.09	-0.00133	PASS
					40	0.07	0.00009	PASS
					50	-0.1	-0.00012	PASS
			HCH	VN	-30	0.62	0.00075	PASS
					-20	-2.59	-0.00315	PASS
					-10	-0.49	-0.0006	PASS
		0			-0.8	-0.00097	PASS	
		10			-1.34	-0.00163	PASS	
		20			0.72	0.00088	PASS	
		30			-1.52	-0.00185	PASS	
		40			2.37	0.00288	PASS	
		10	LCH/MCH /HCH	VN	-30	-3.02	-0.00369	PASS
					-20	-3.68	-0.00449	PASS
					-10	-3.02	-0.00369	PASS
					0	-2.57	-0.00314	PASS
					10	-3.5	-0.00427	PASS
					20	-2.65	-0.00324	PASS
					30	-2.73	-0.00333	PASS
					40	-3.18	-0.00388	PASS
					50	-4.05	-0.00495	PASS

END