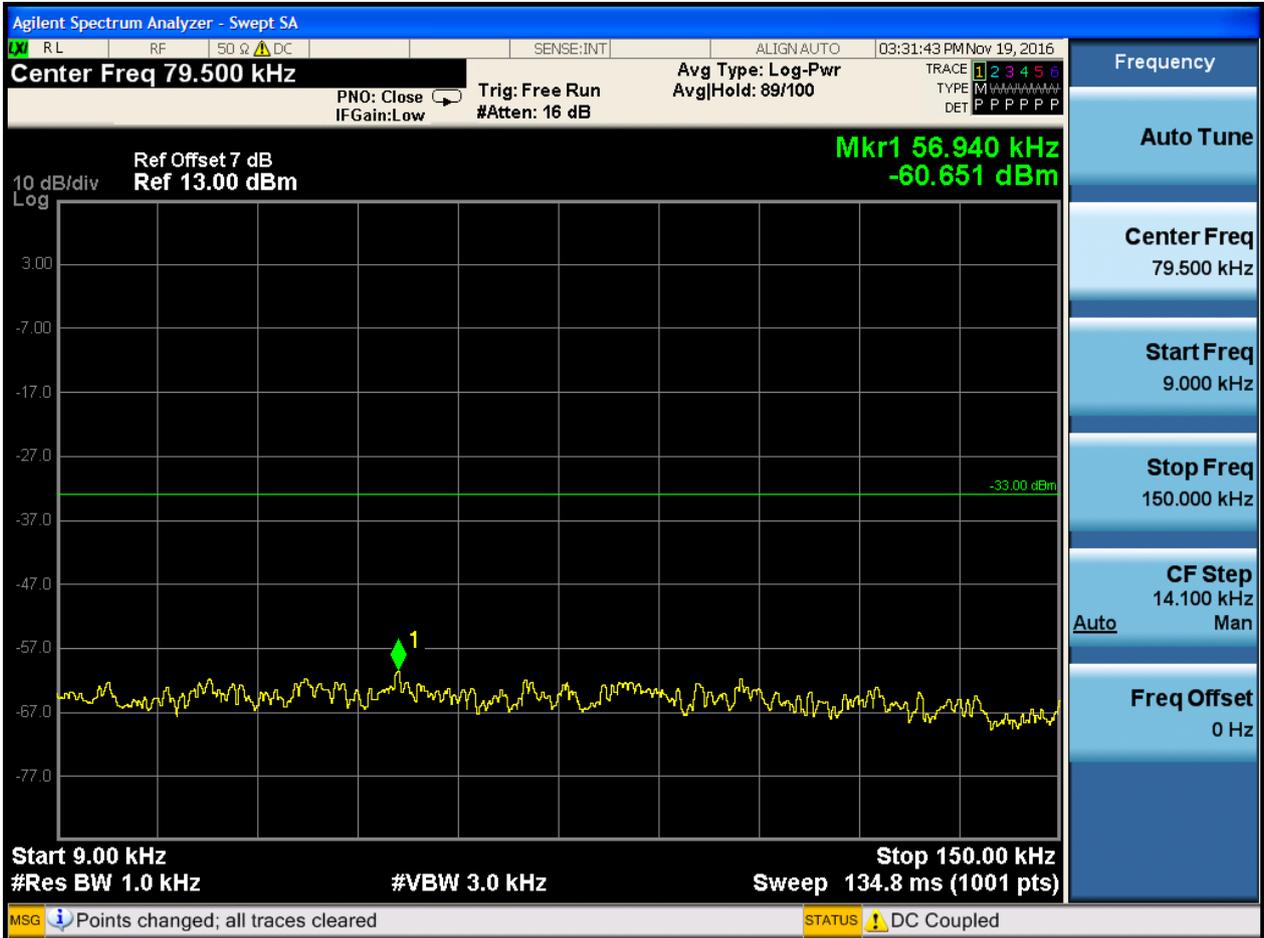
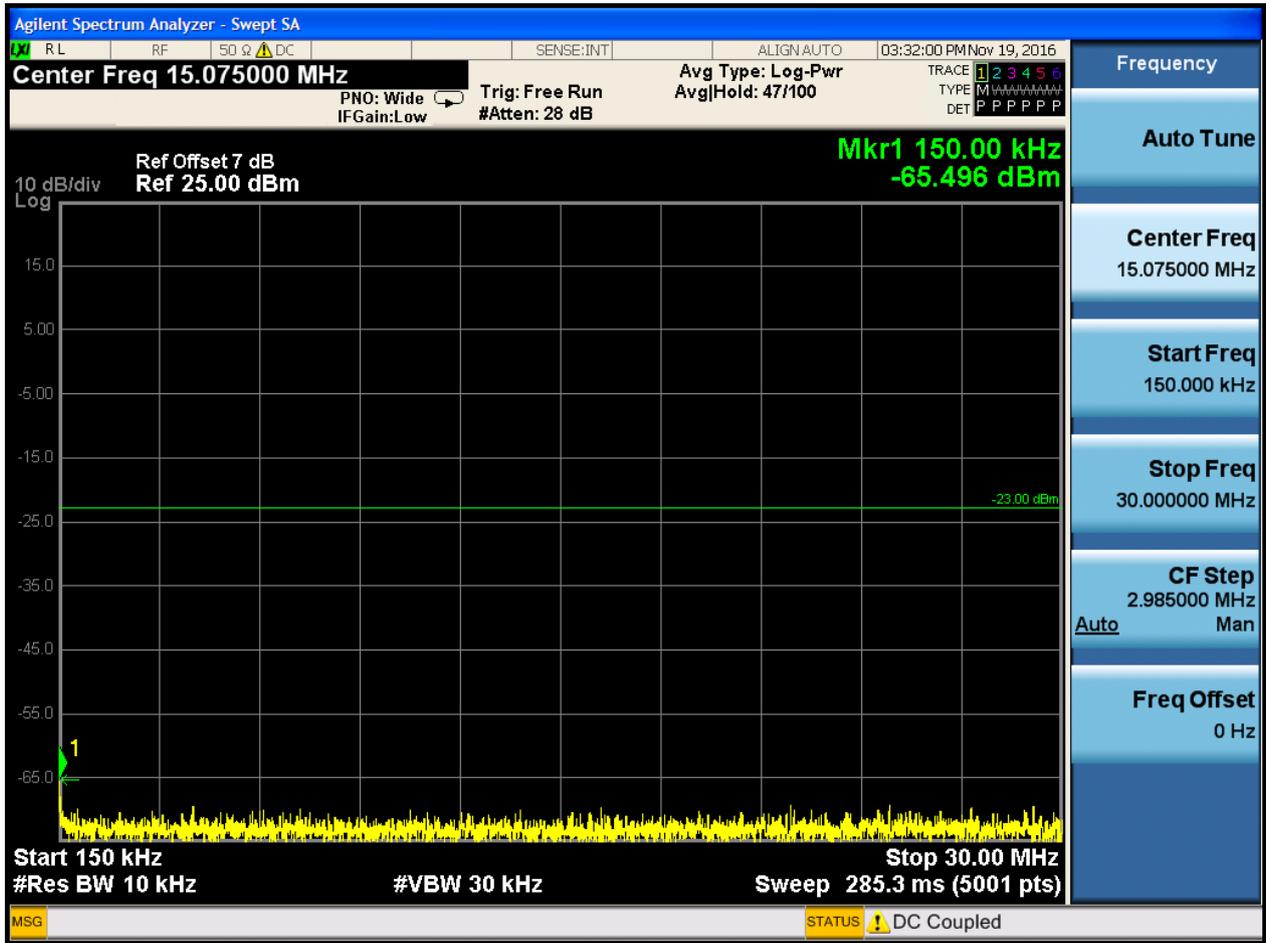


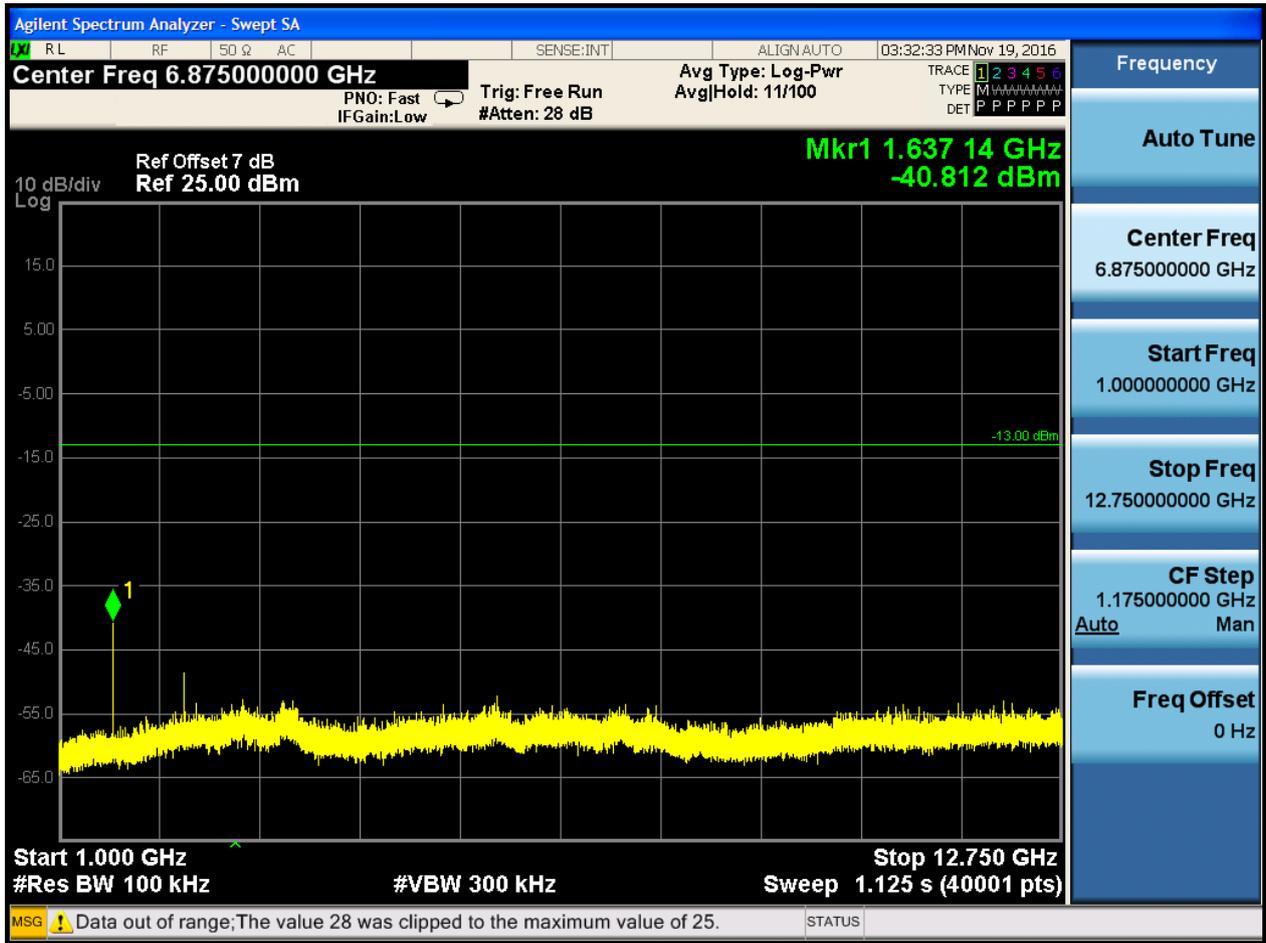


6.1.1.2.1.2 Test Channel = MCH

6.1.1.2.1.2.1 Test RB = RB1#0



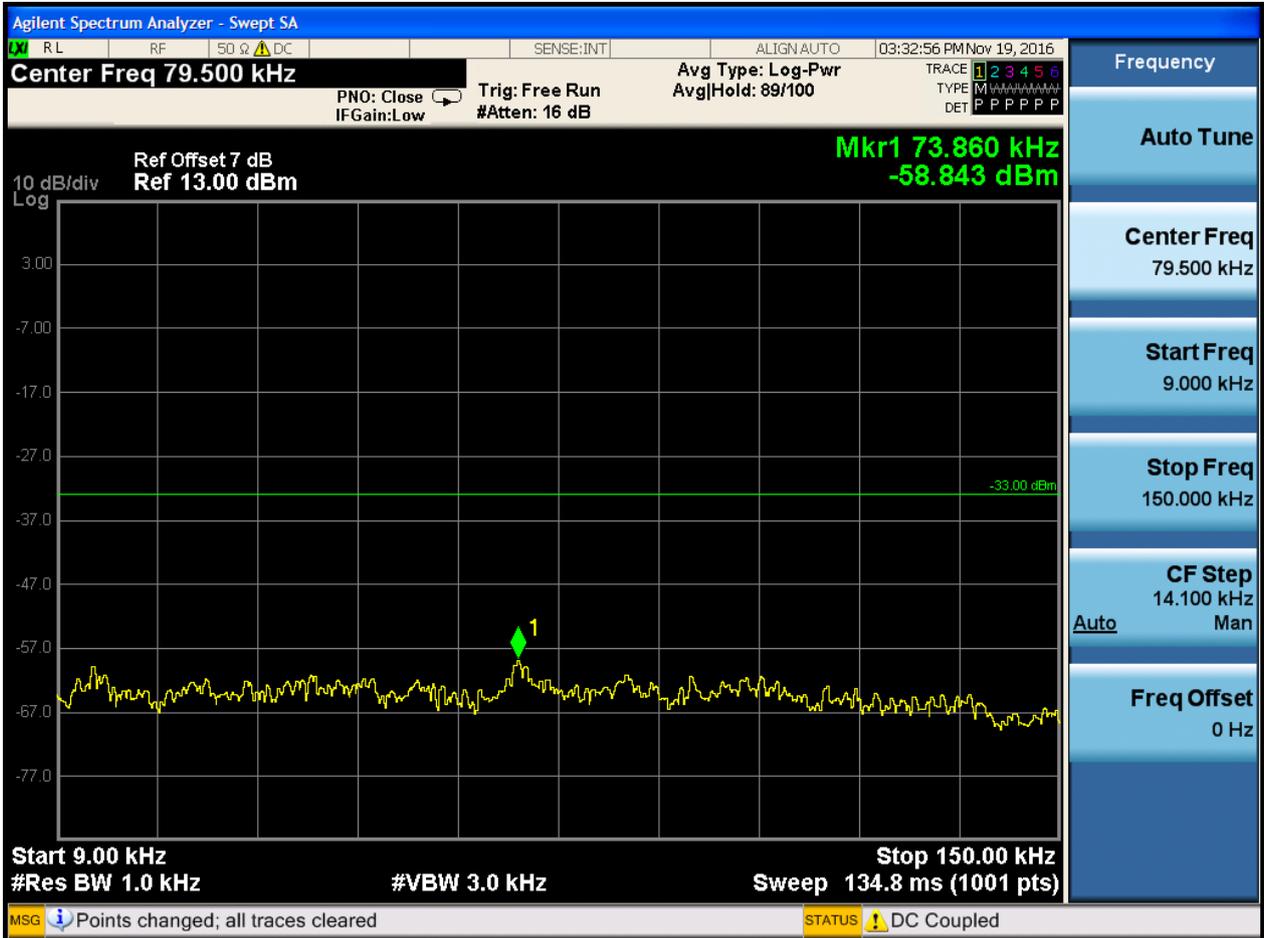


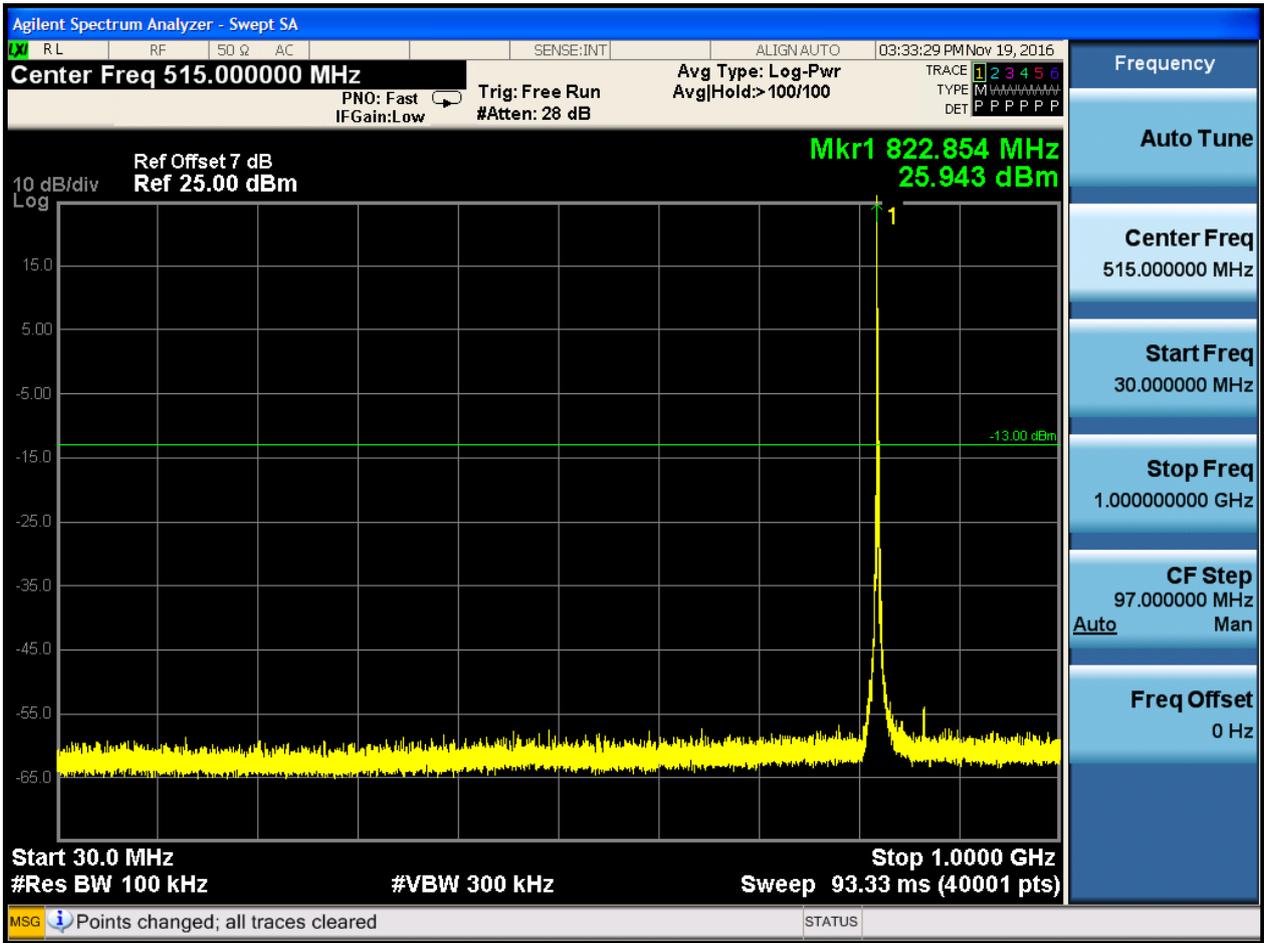




6.1.1.2.1.3 Test Channel = HCH

6.1.1.2.1.3.1 Test RB = RB1#0



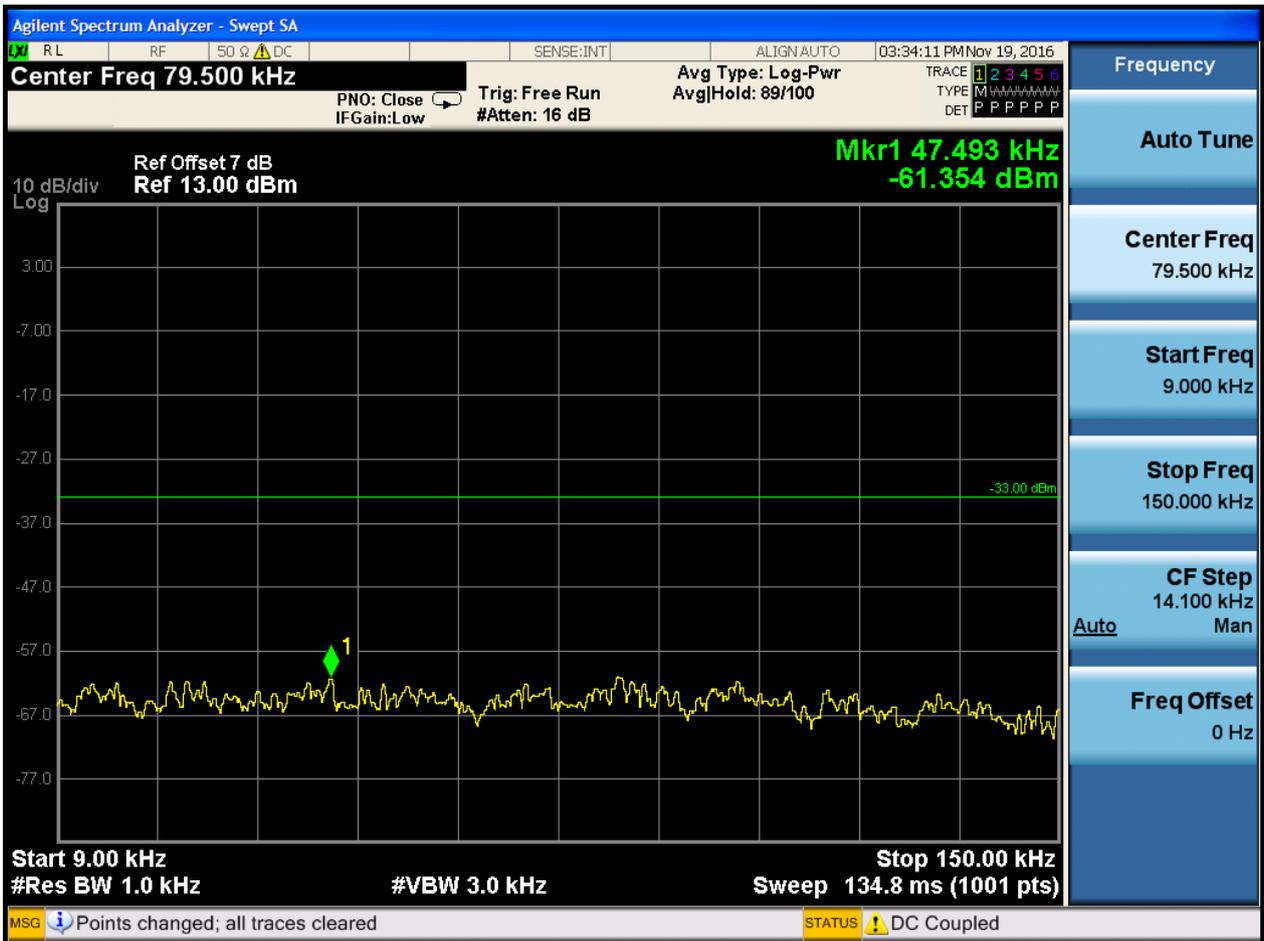




6.1.1.2.2 Test Bandwidth = 3

6.1.1.2.2.1 Test Channel = LCH

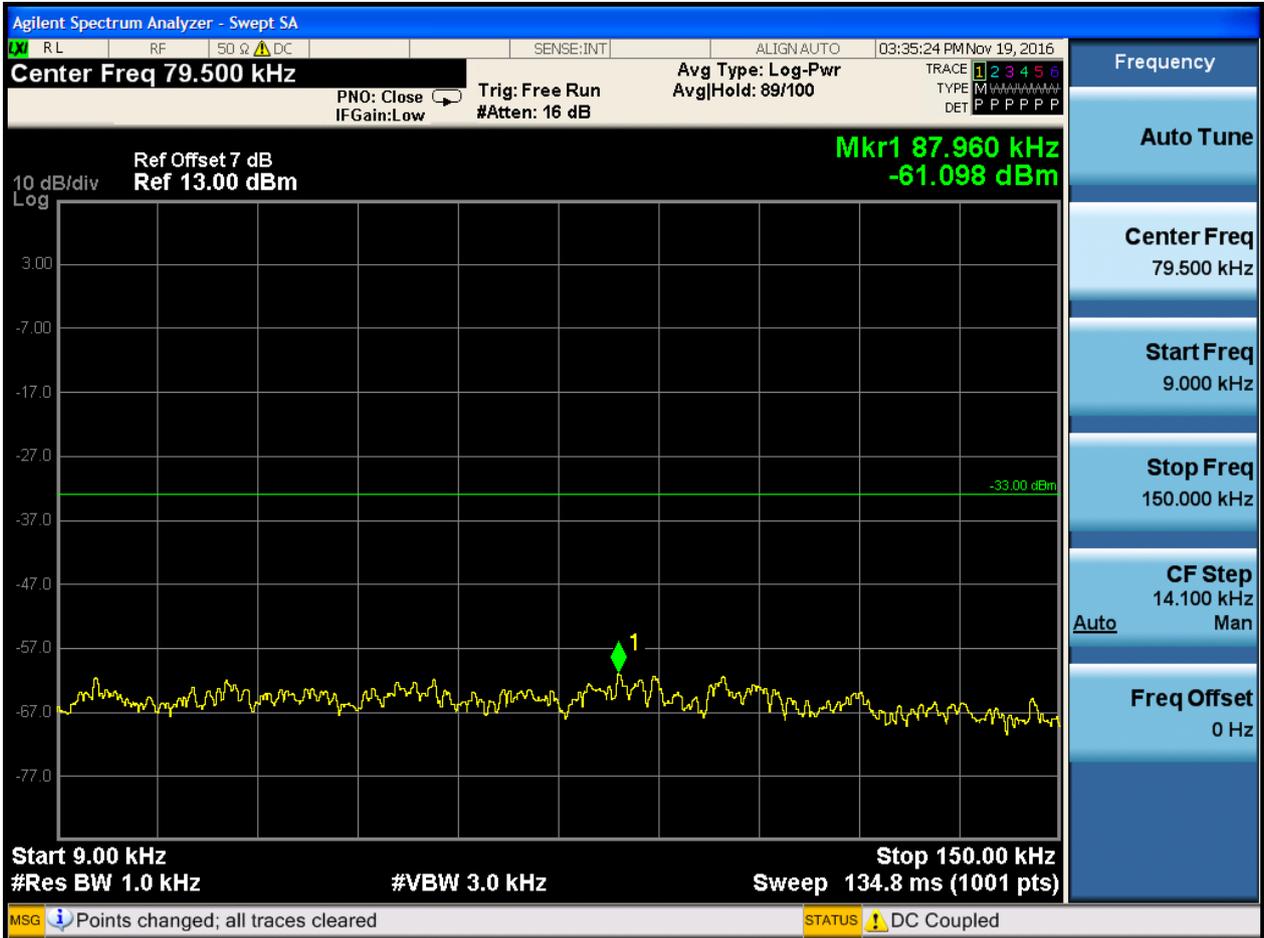
6.1.1.2.2.1.1 Test RB = RB1#0

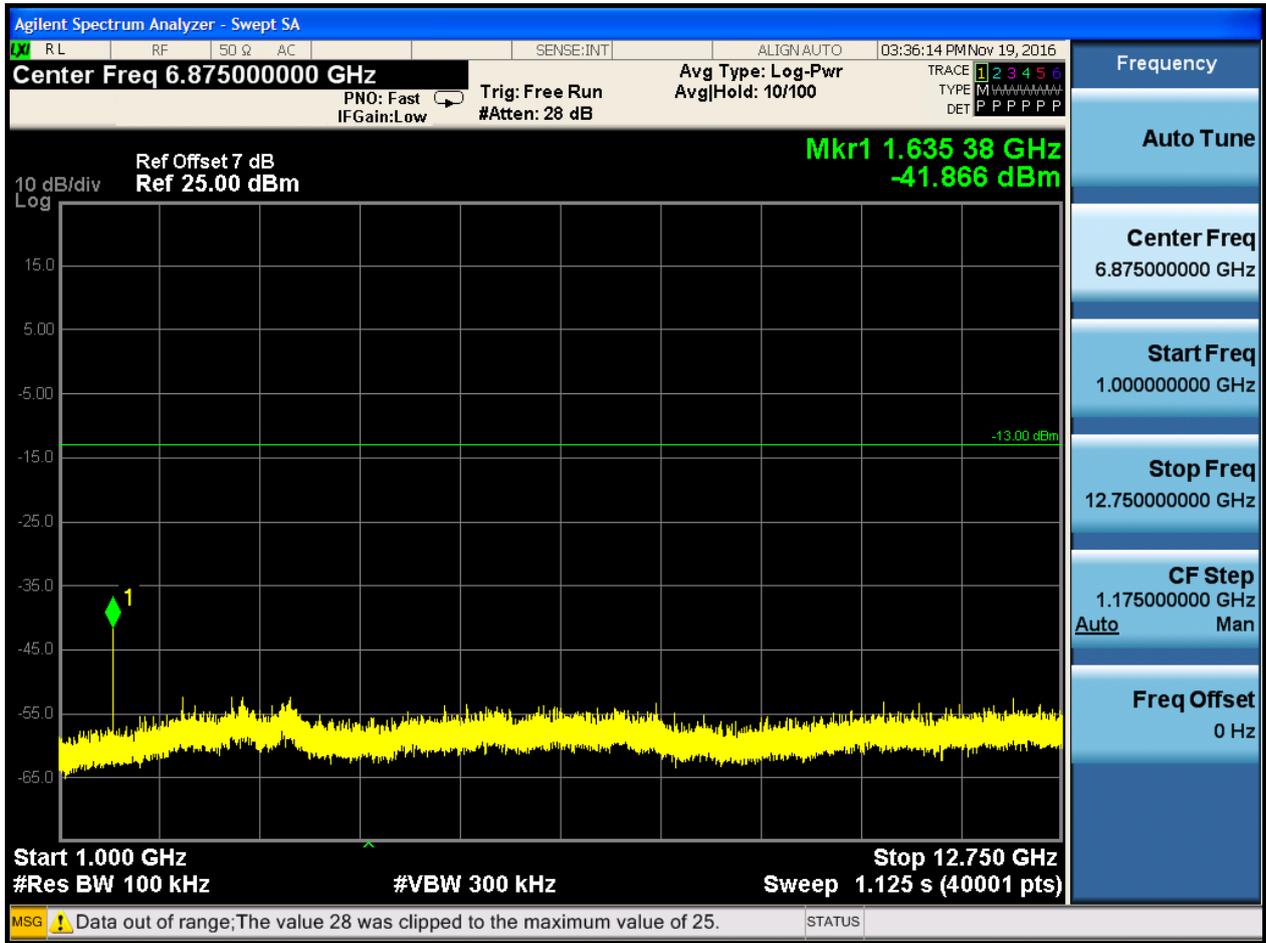




6.1.1.2.2 Test Channel = MCH

6.1.1.2.2.1 Test RB = RB1#0

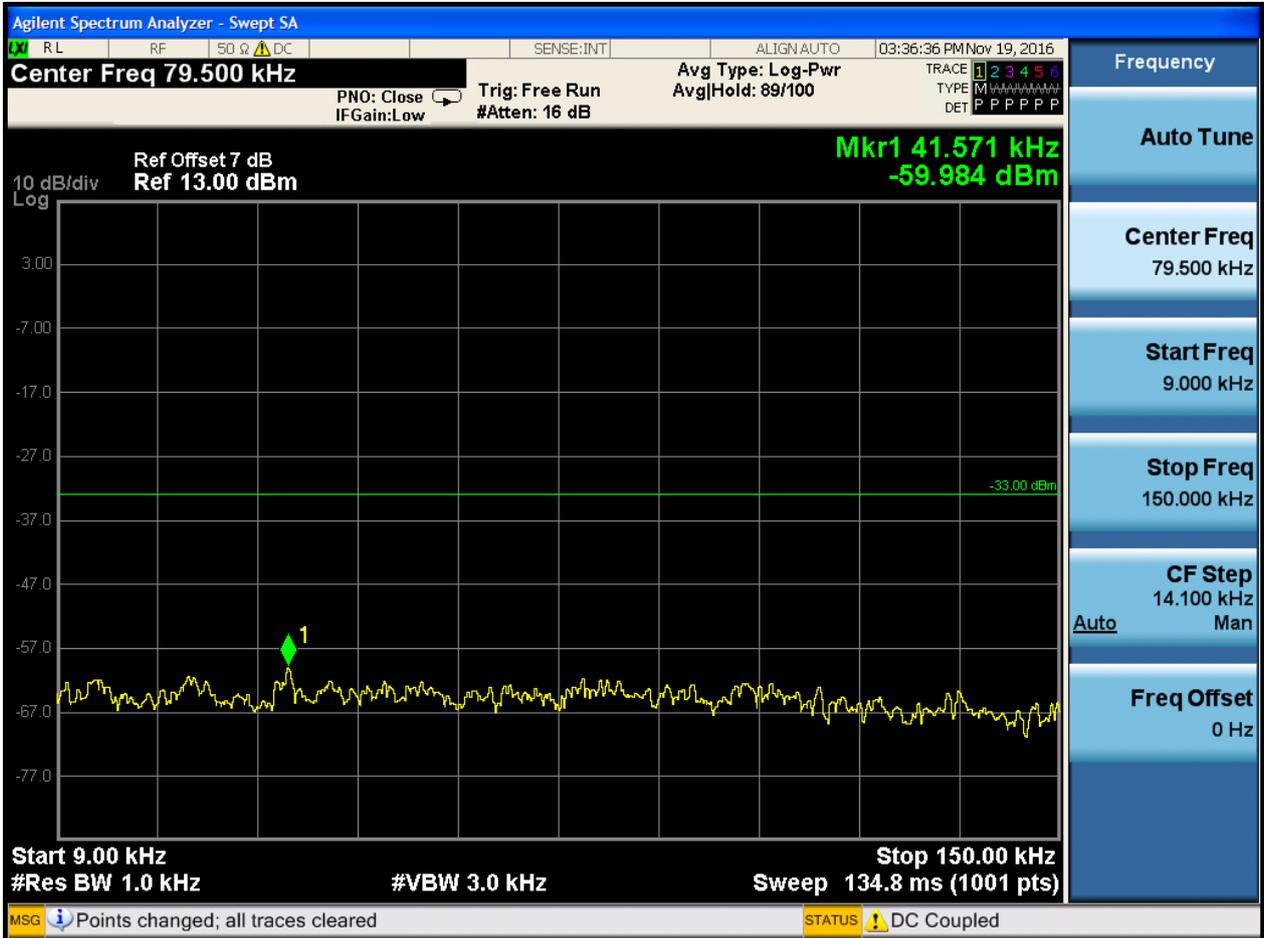


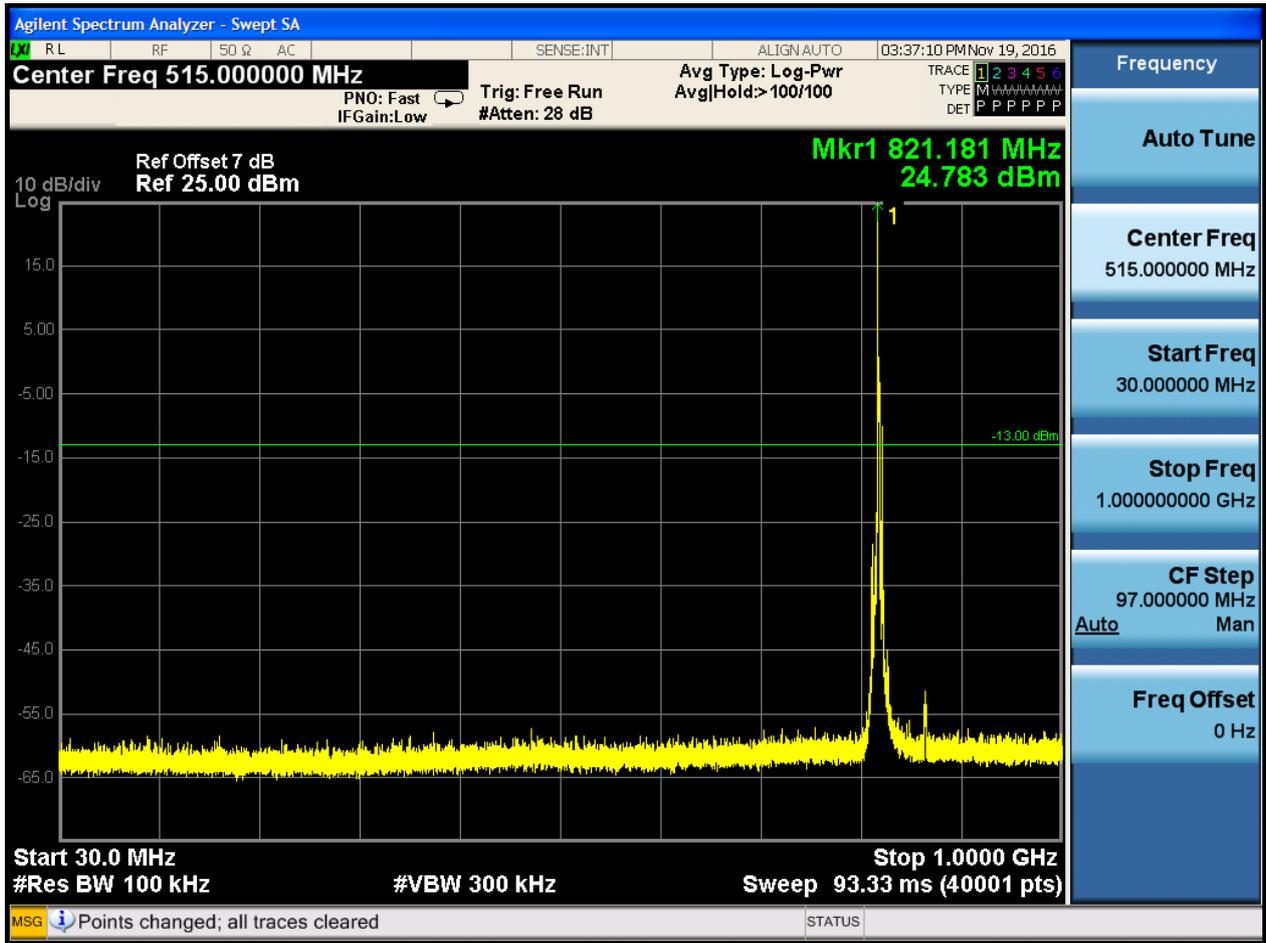




6.1.1.2.2.3 Test Channel = HCH

6.1.1.2.2.3.1 Test RB = RB1#0



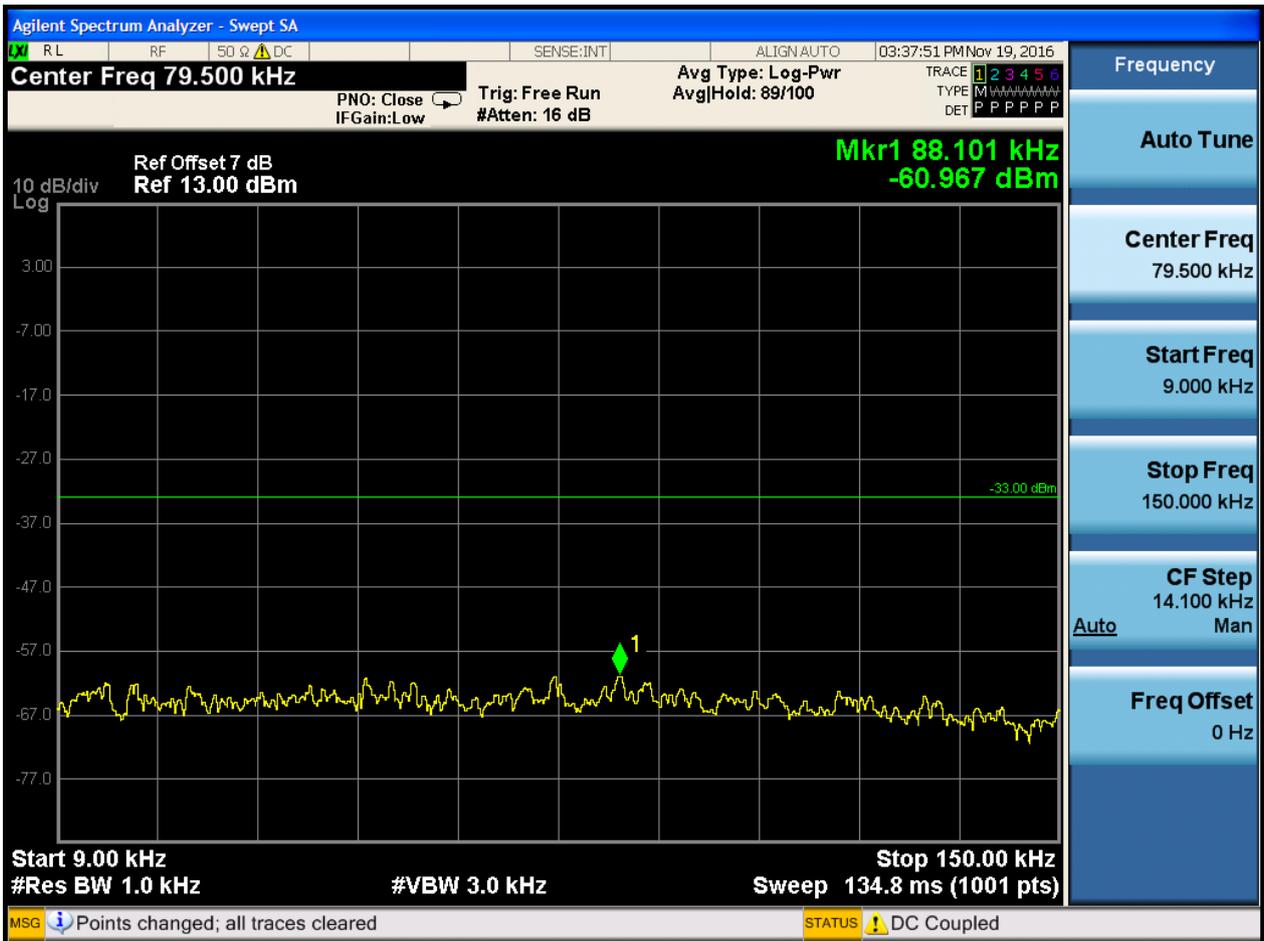


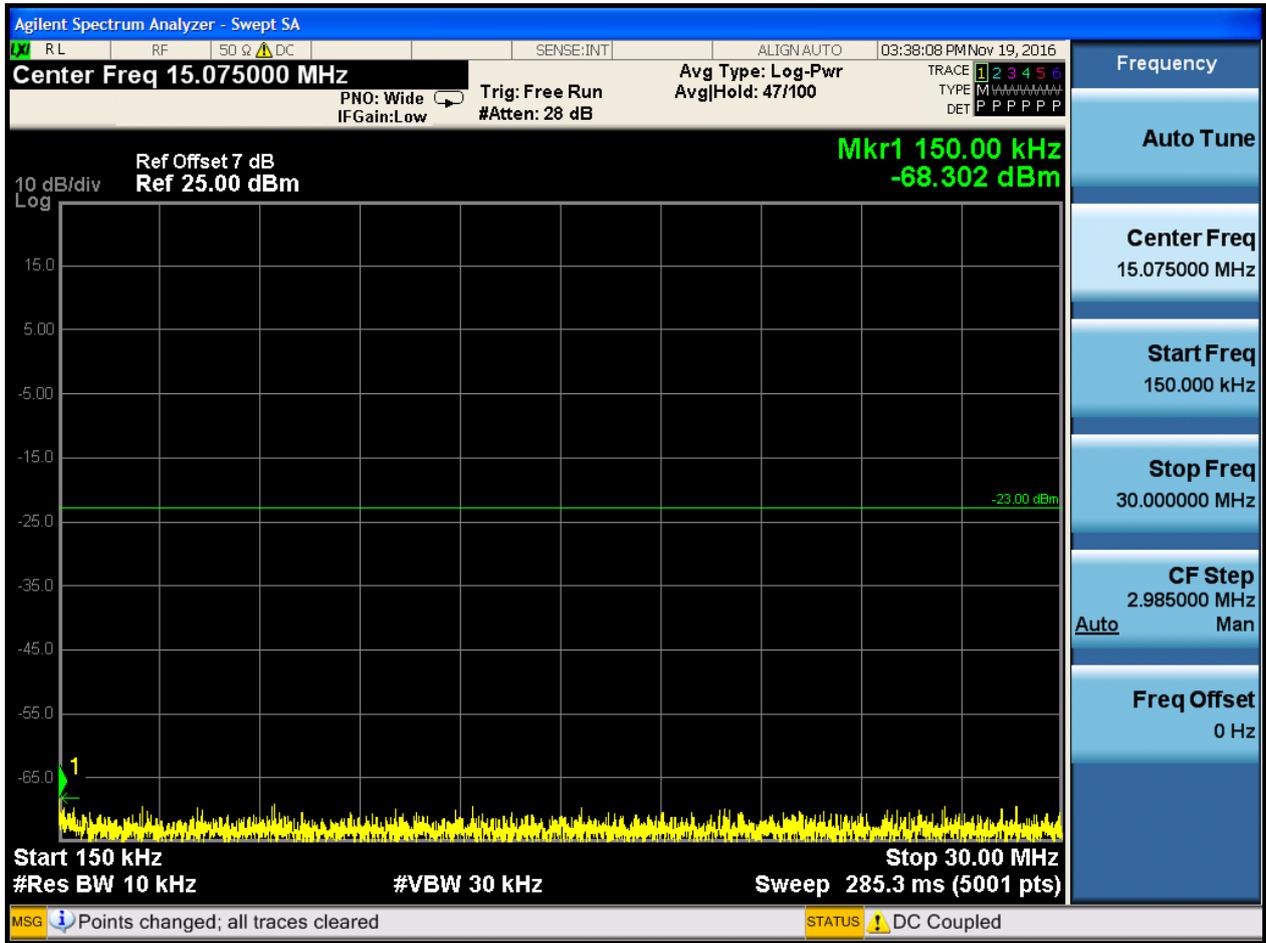


6.1.1.2.3 Test Bandwidth = 5

6.1.1.2.3.1 Test Channel = LCH

6.1.1.2.3.1.1 Test RB = RB1#0

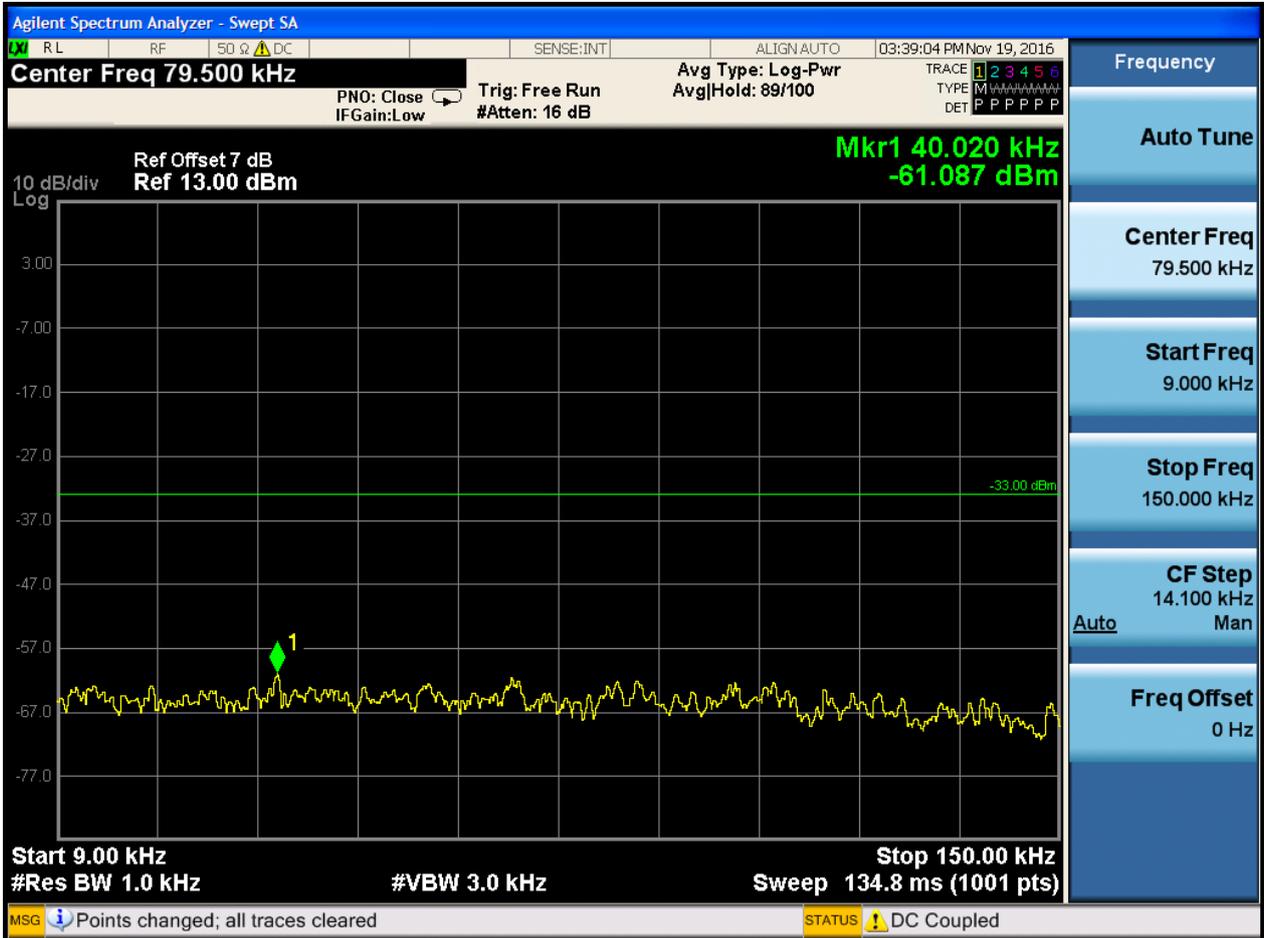






6.1.1.2.3.2 Test Channel = MCH

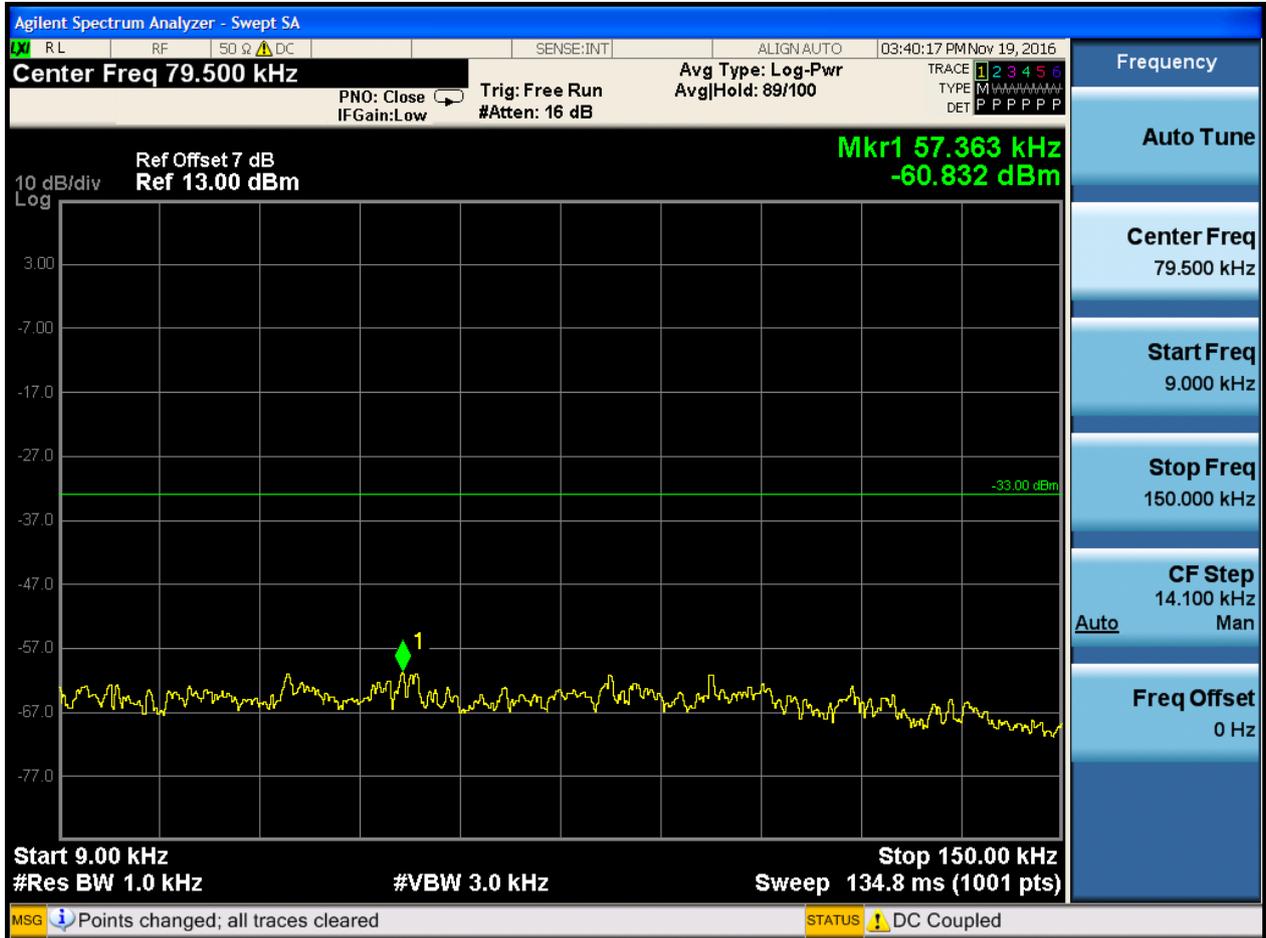
6.1.1.2.3.2.1 Test RB = RB1#0

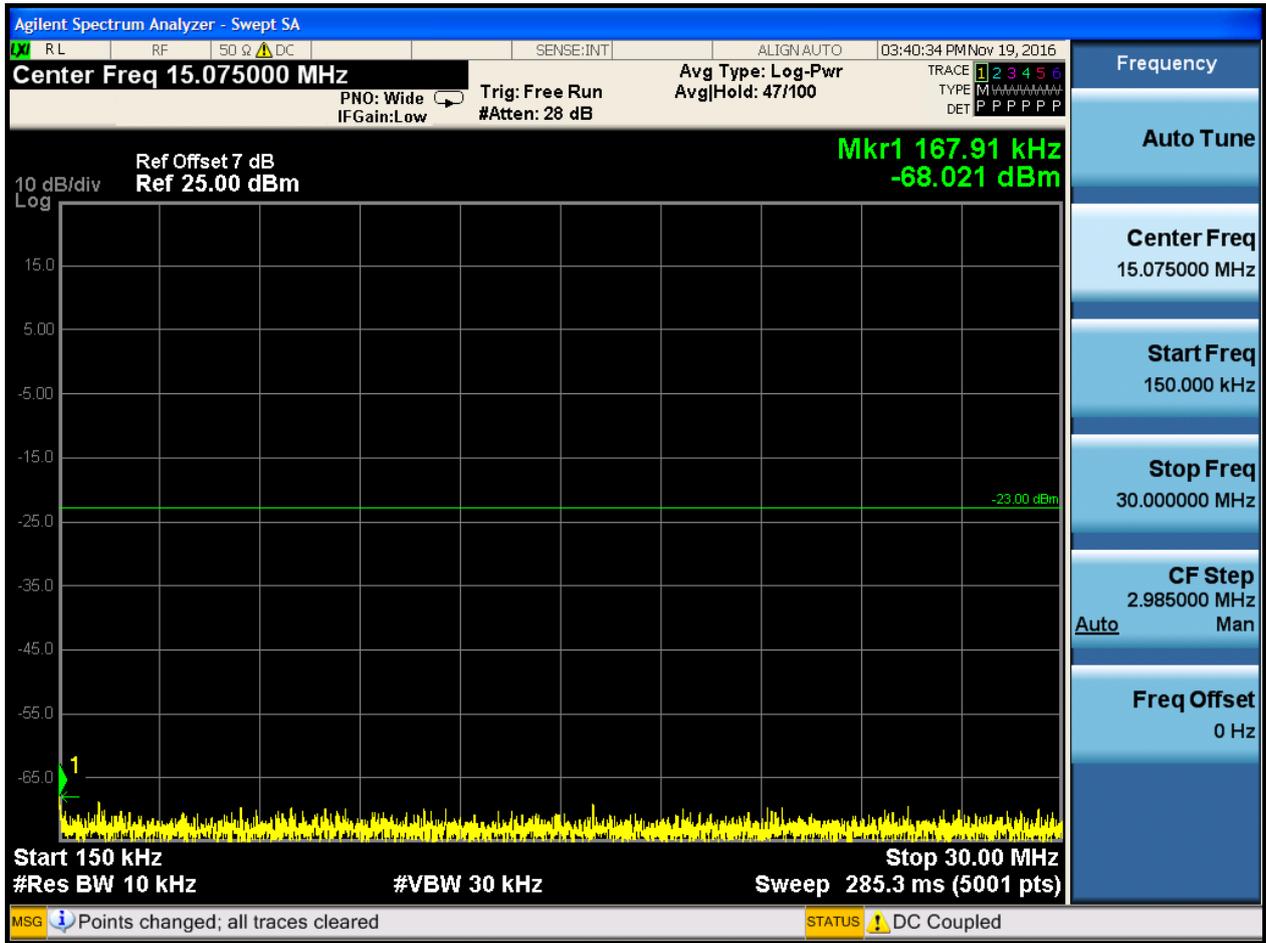


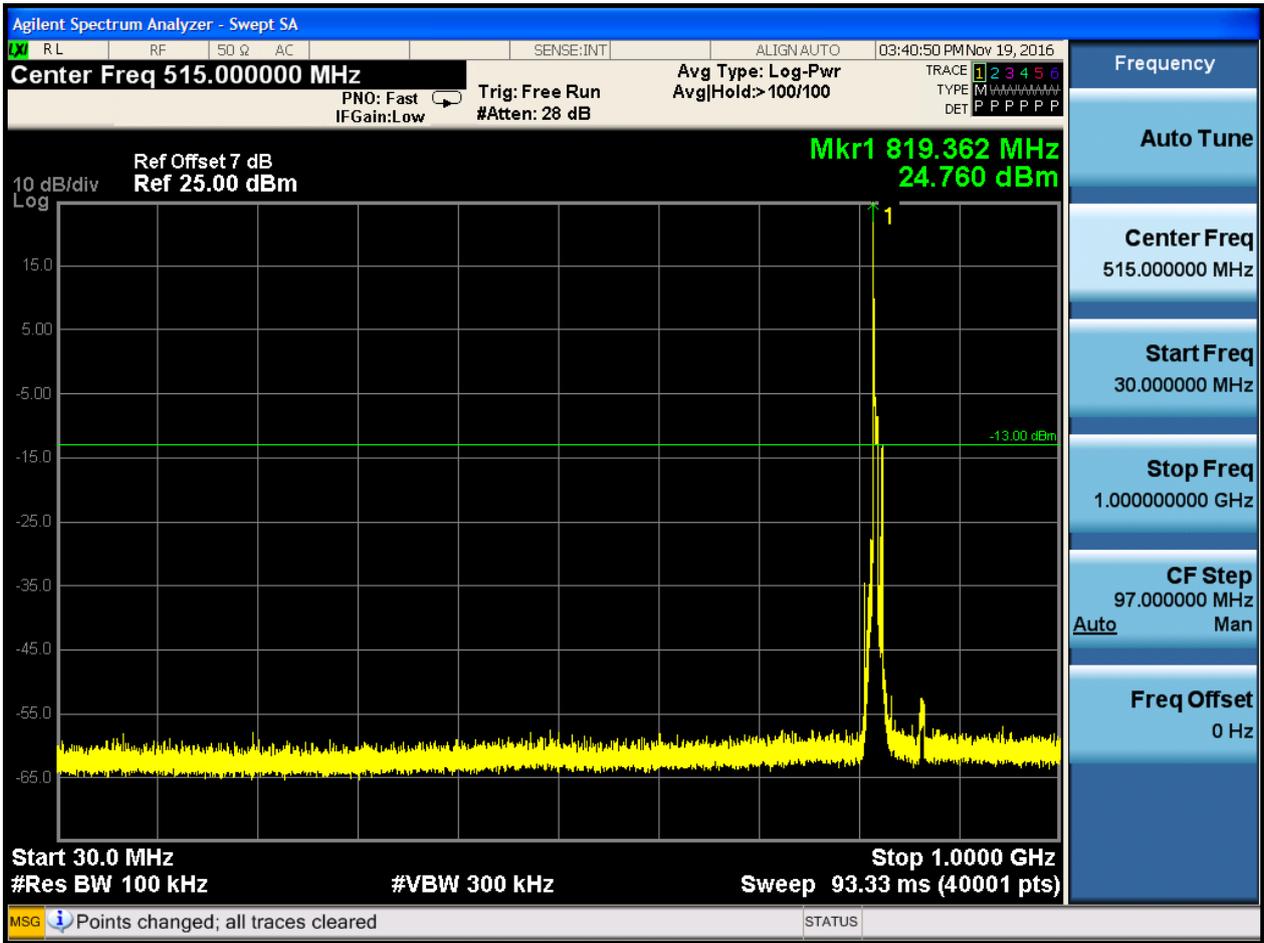


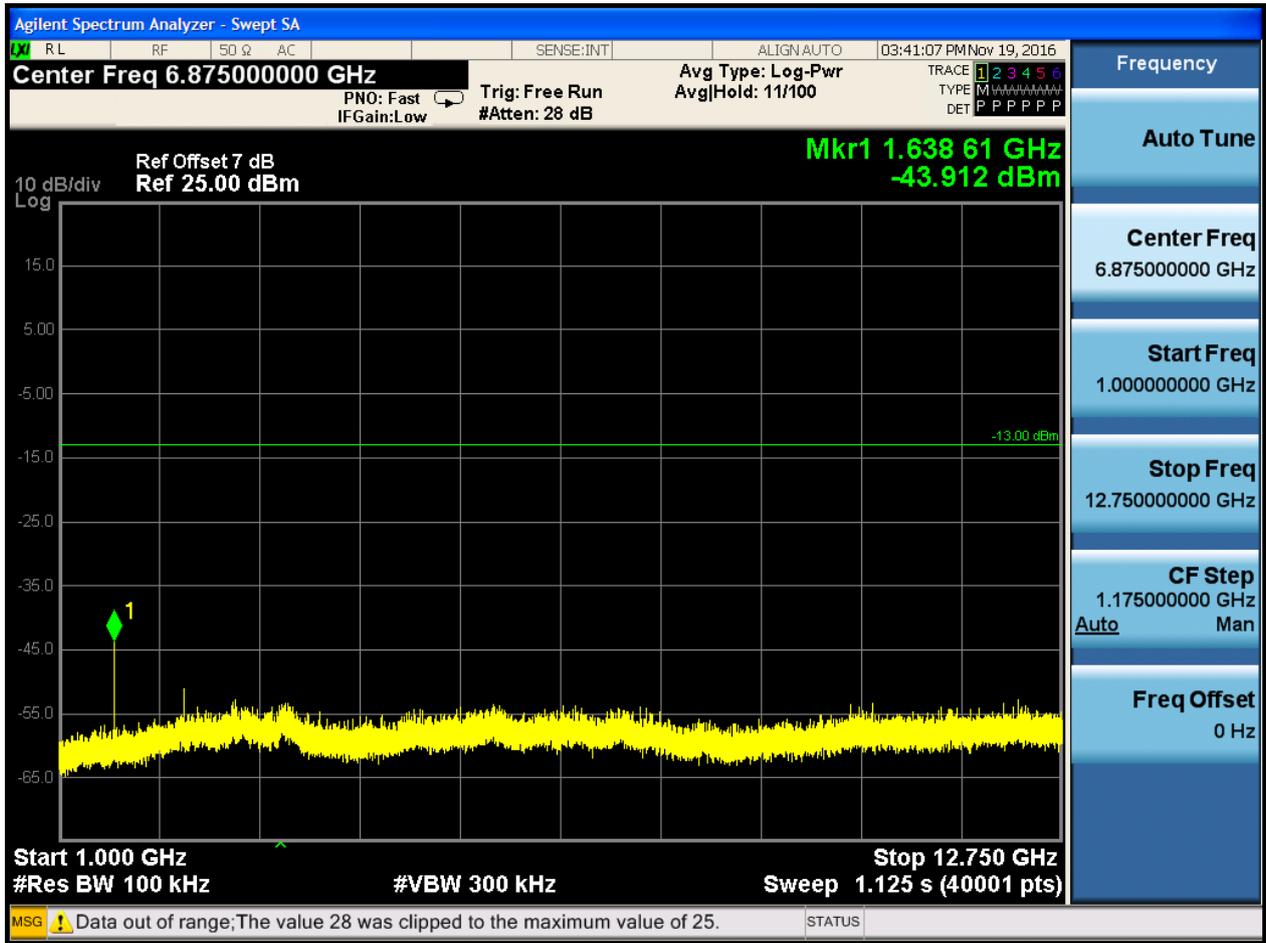
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







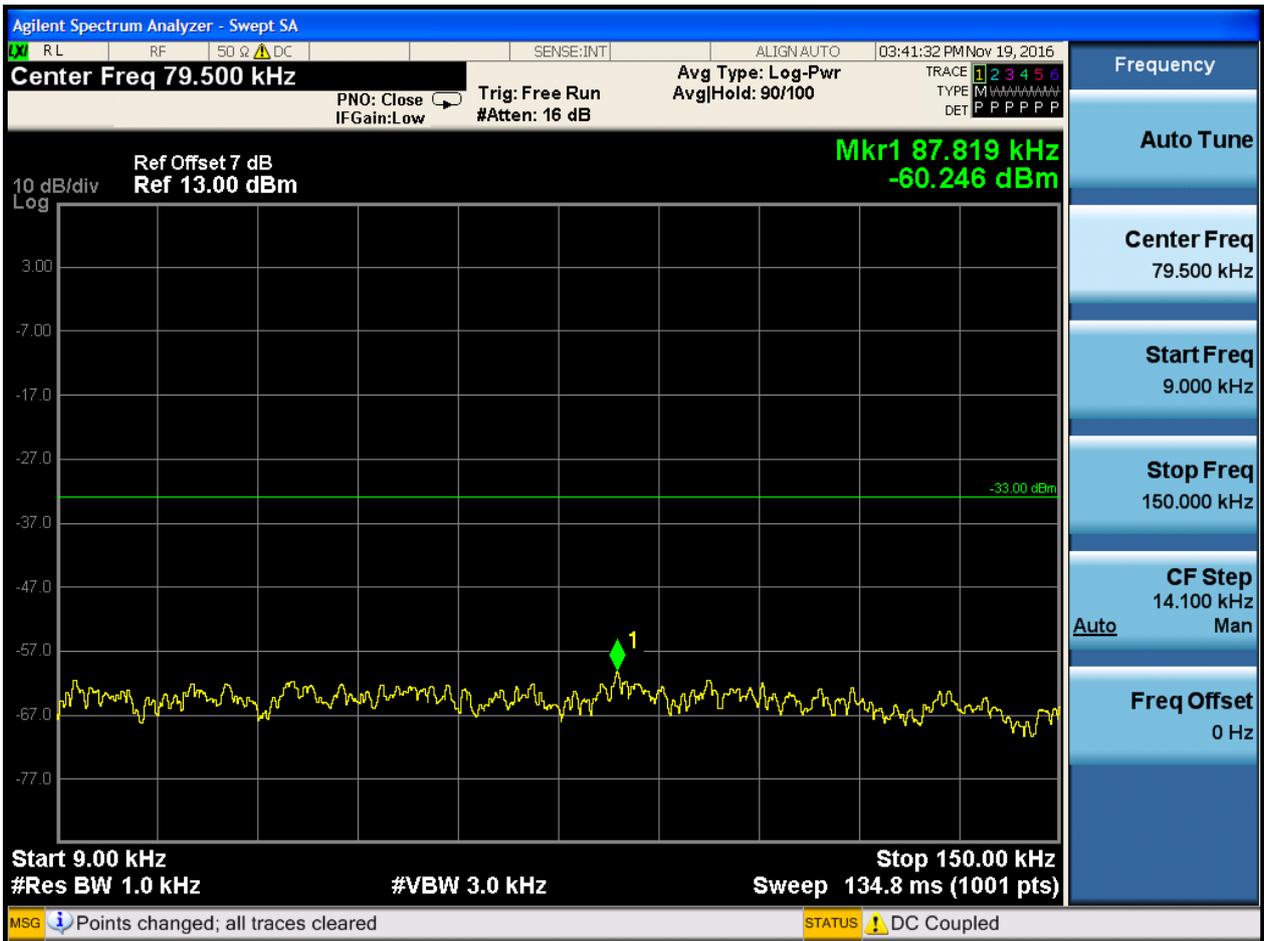




6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

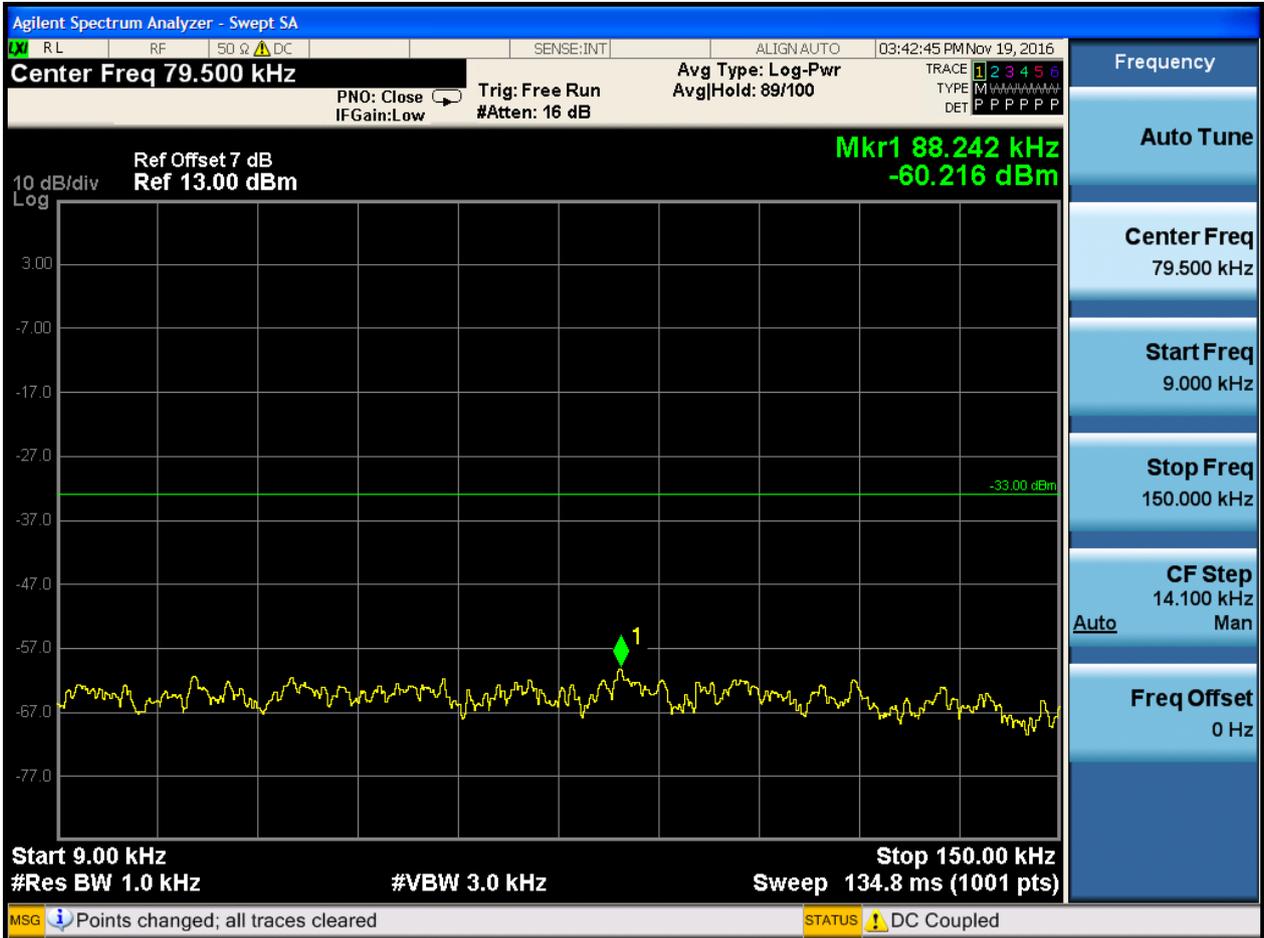
6.1.1.2.4.1.1 Test RB = RB1#0

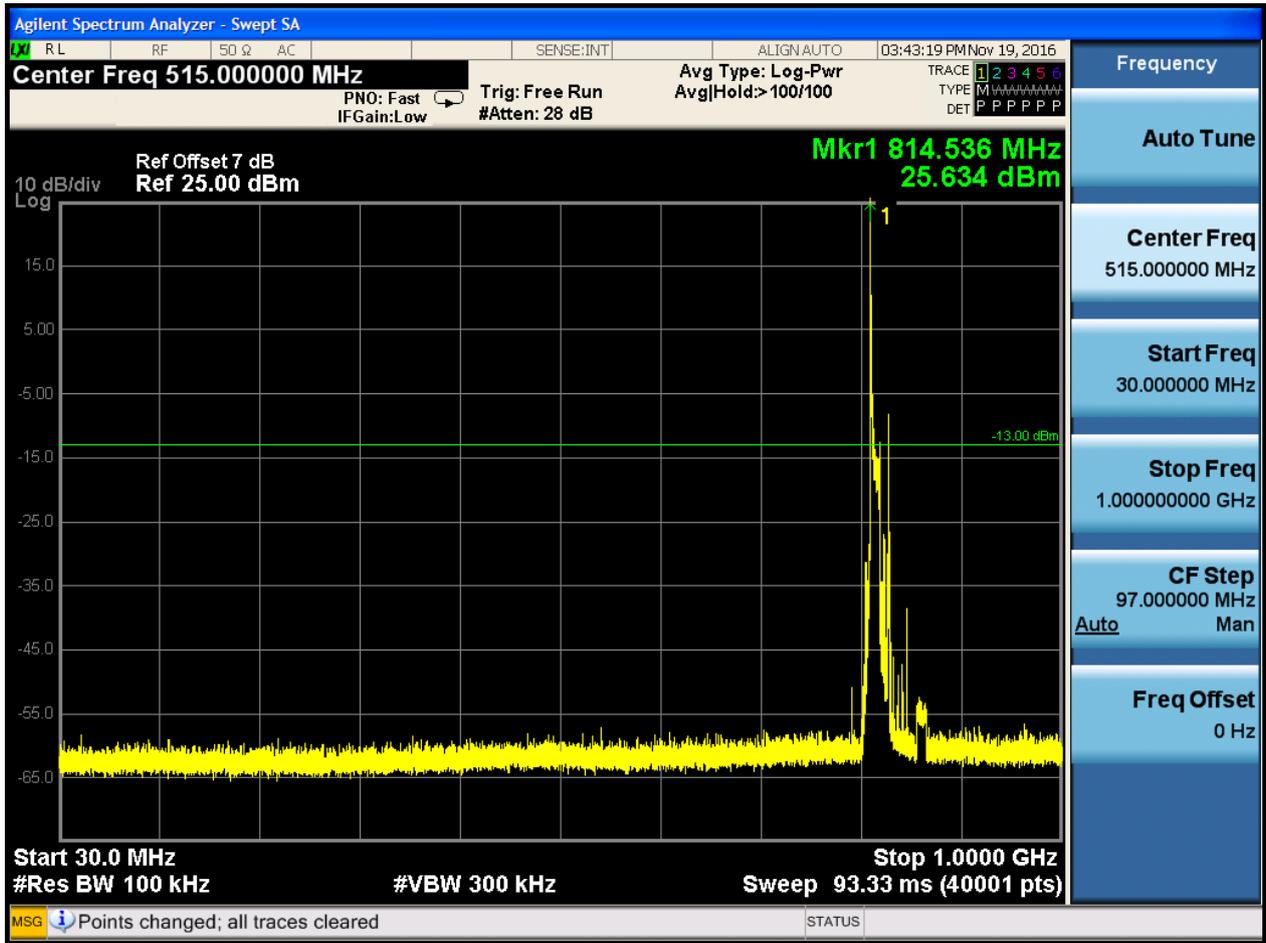




6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0

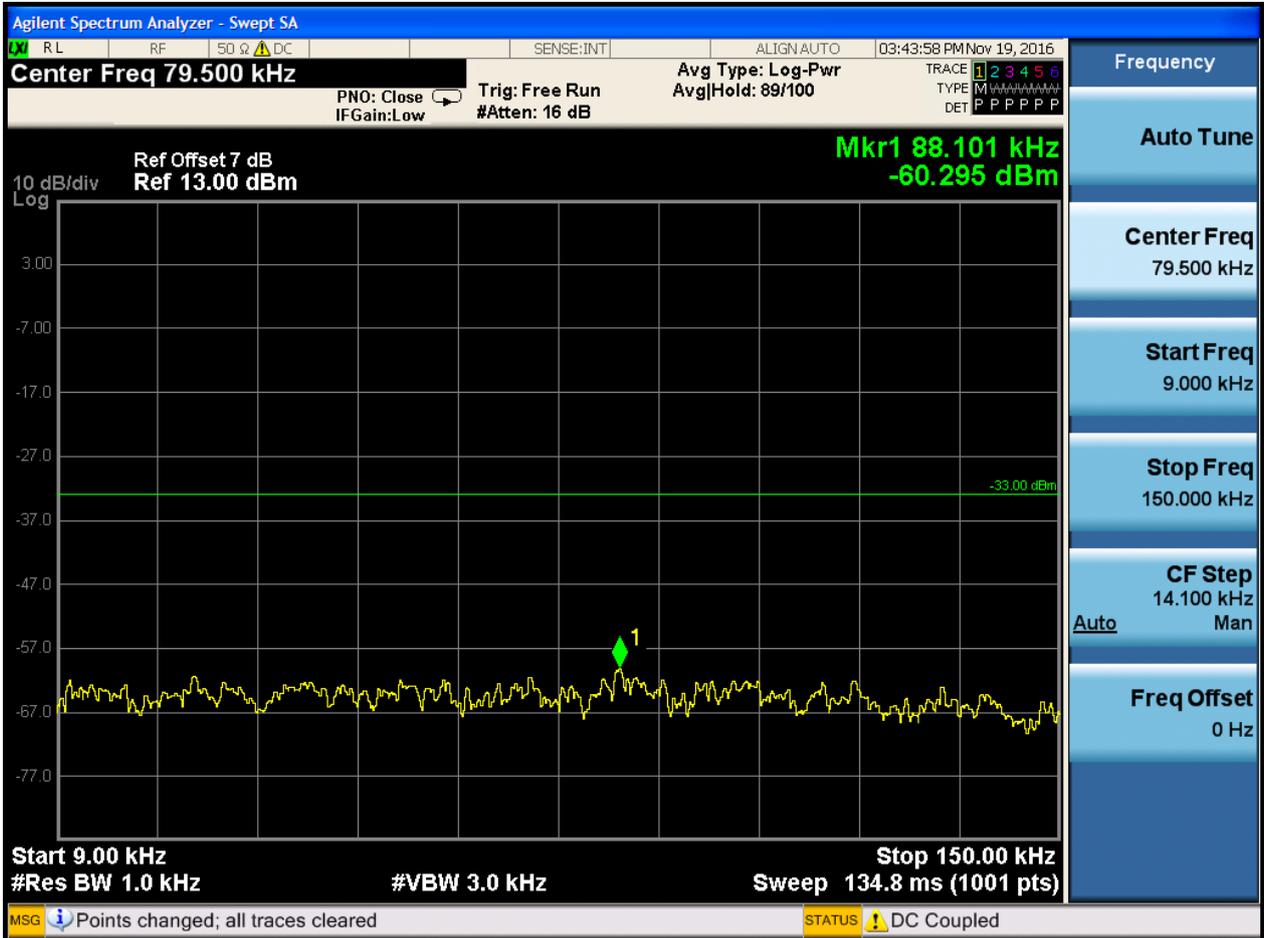






6.1.1.2.4.3 Test Channel = HCH

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

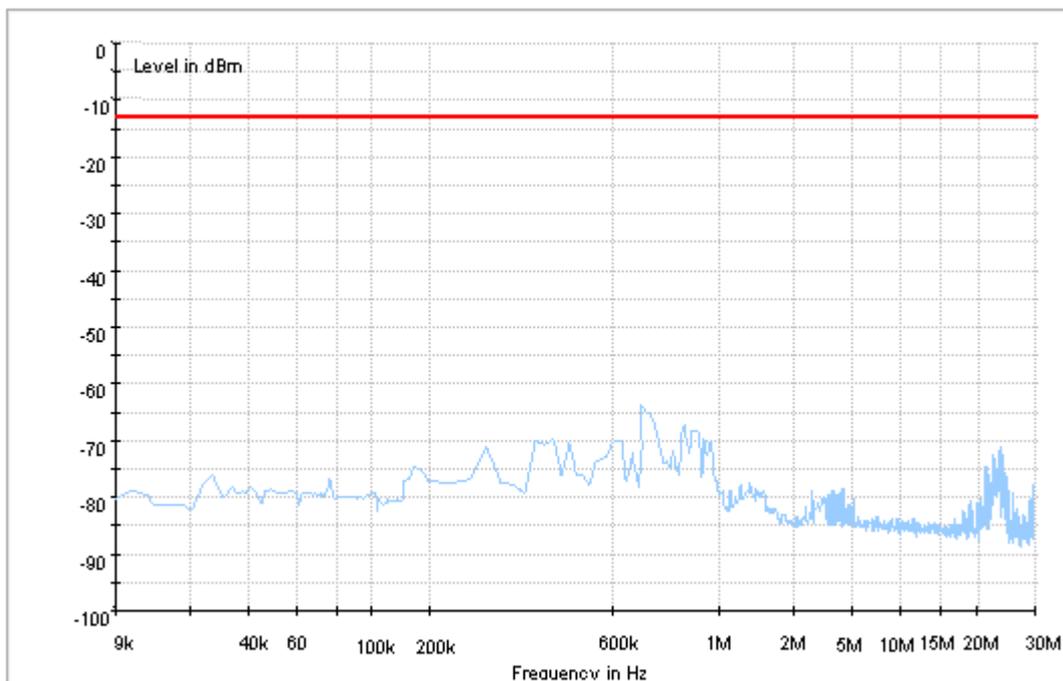
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

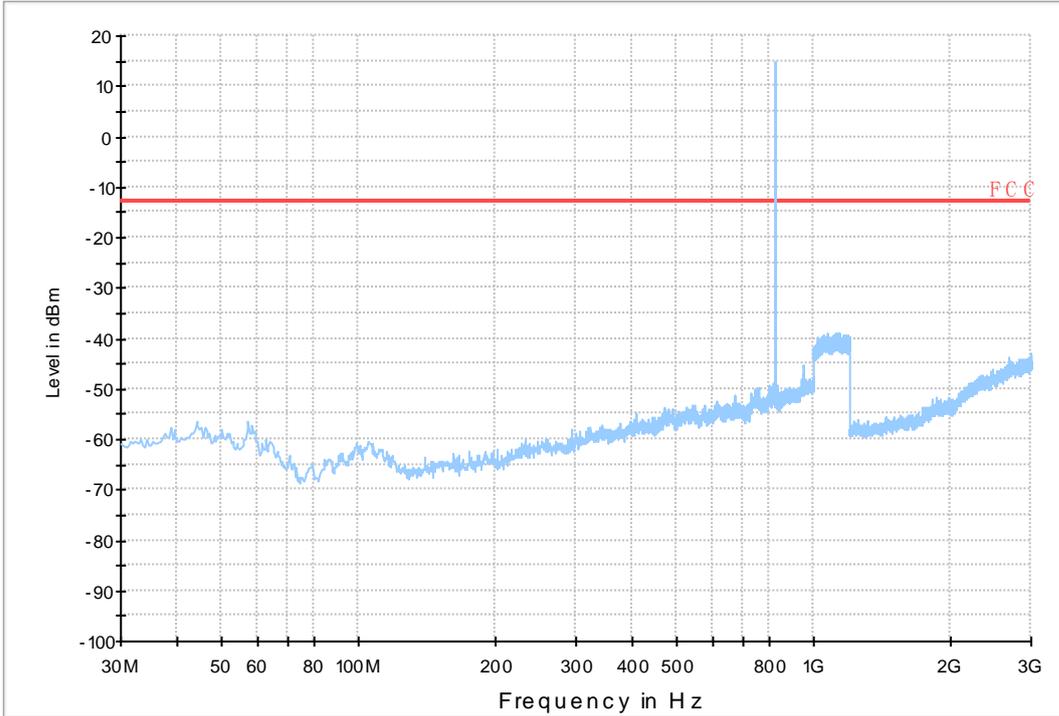
7.1 For LTE

7.1.1 Test Band = BAND26_ANT1

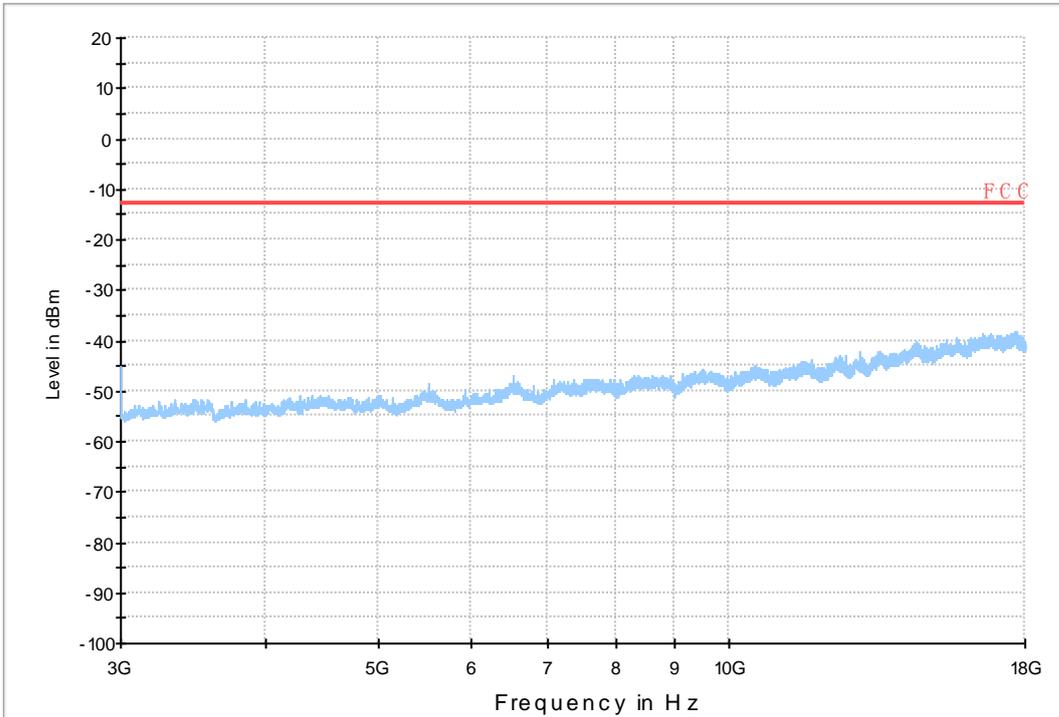
7.1.1.1 Test Bandwidth = 1.4



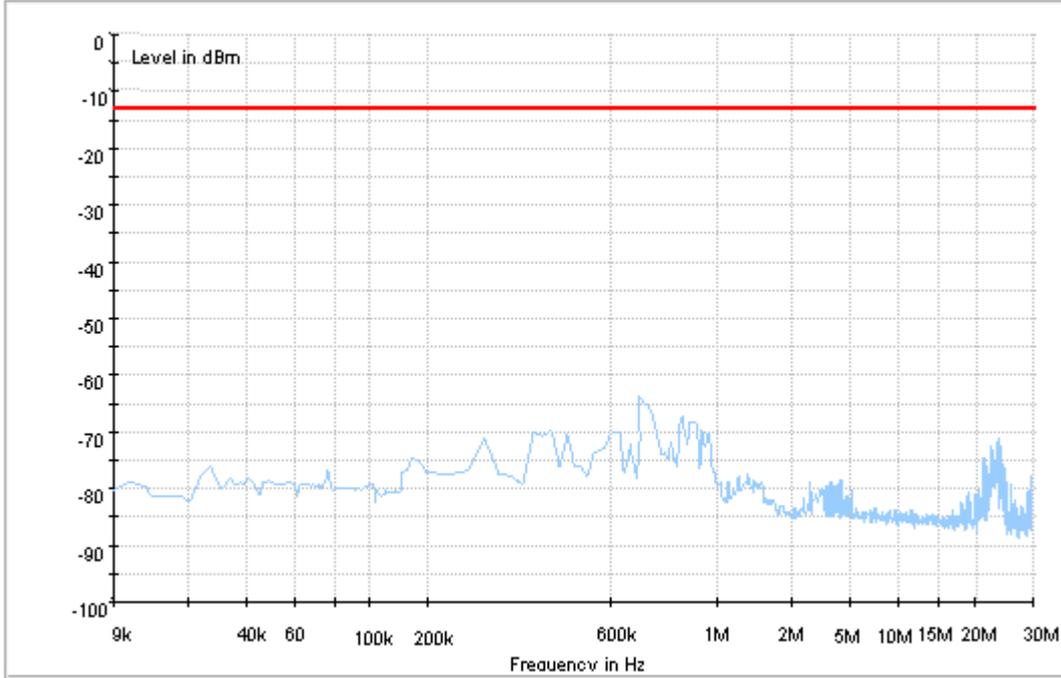
Copy of RSE-TX-DIRECTOR BELOW 1G_L



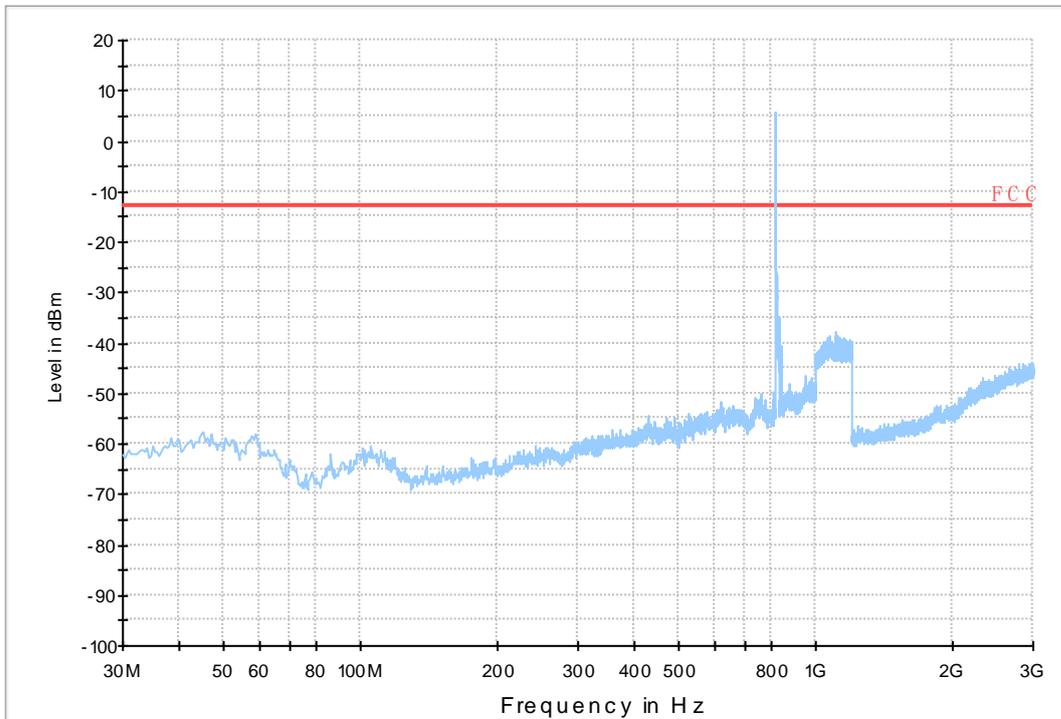
Copy of RSE-TX-DIRECTOR BELOW 1G_H



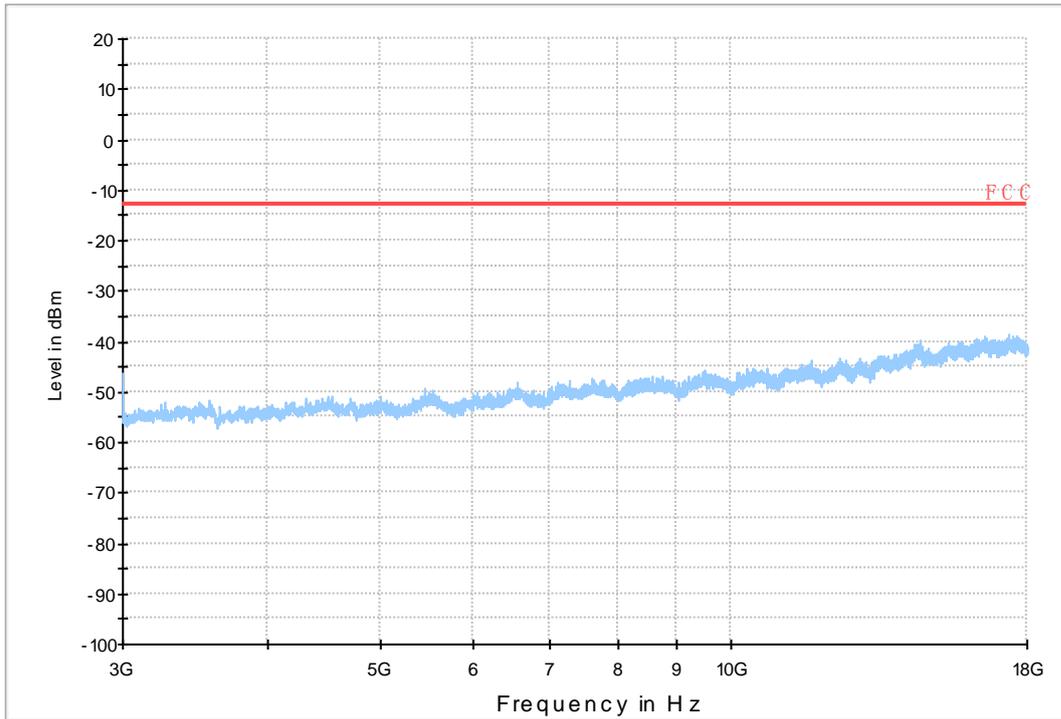
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

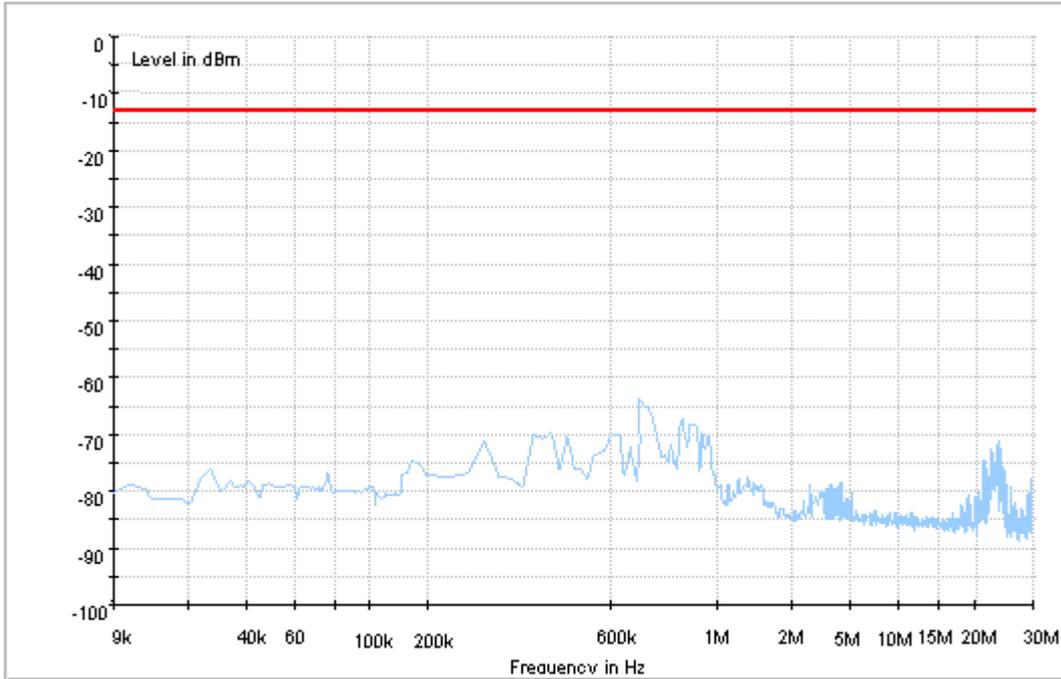


Copy of RSE-TX-DIRECTOR BELOW 1G_H

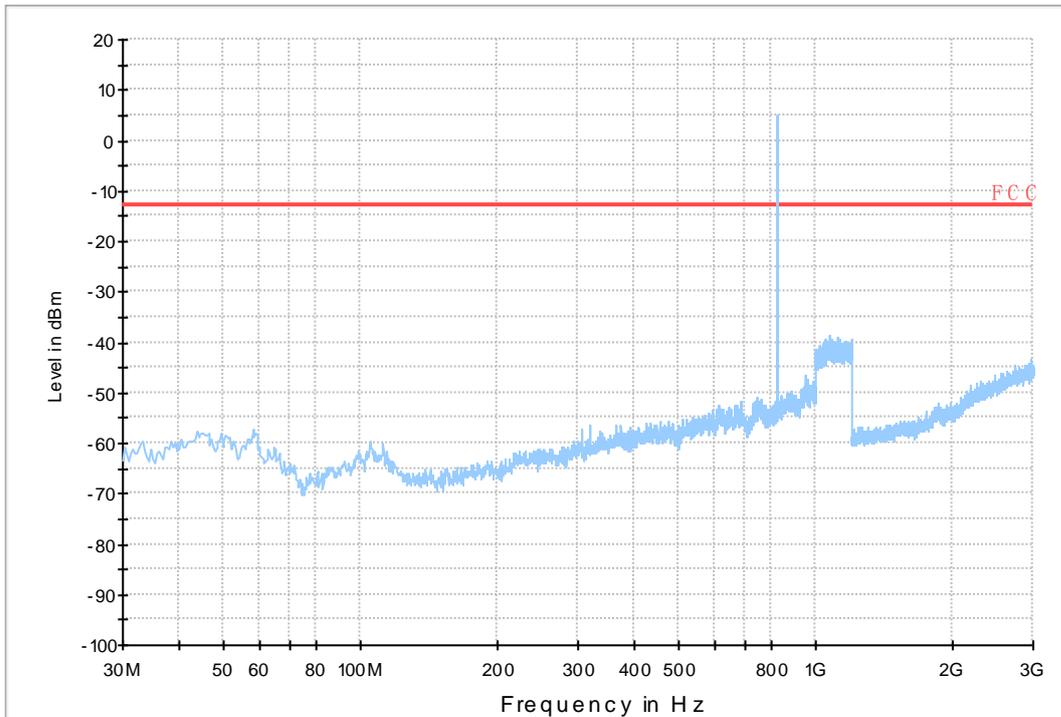


7.1.2 Test Band = BAND26_ANT2

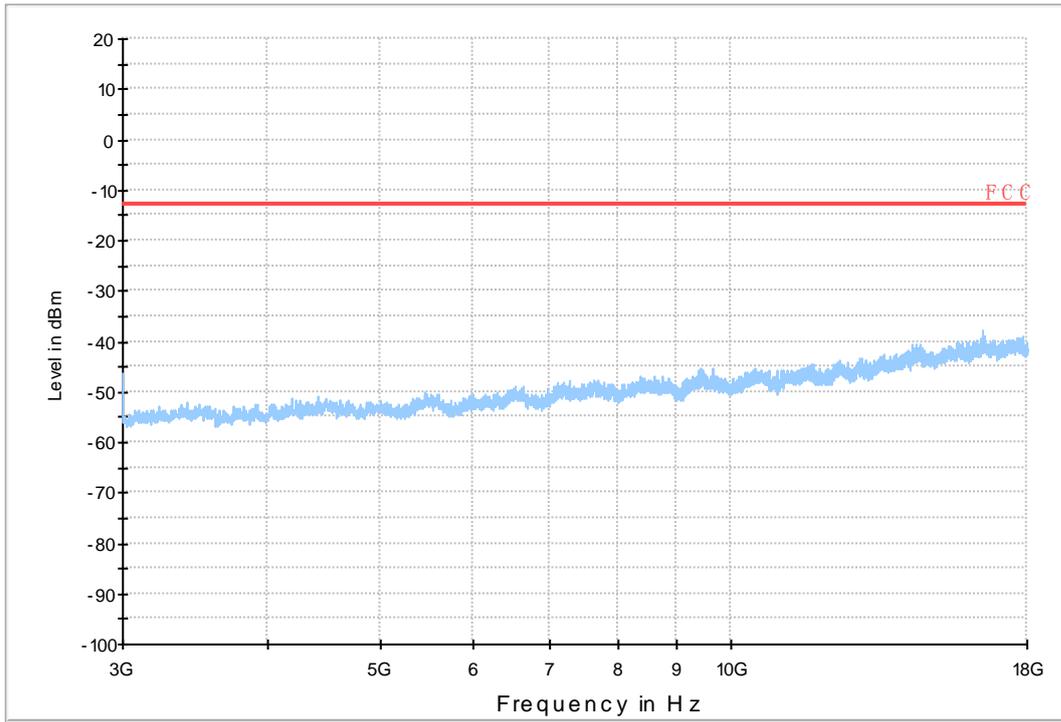
7.1.2.1 Test Bandwidth = 1.4



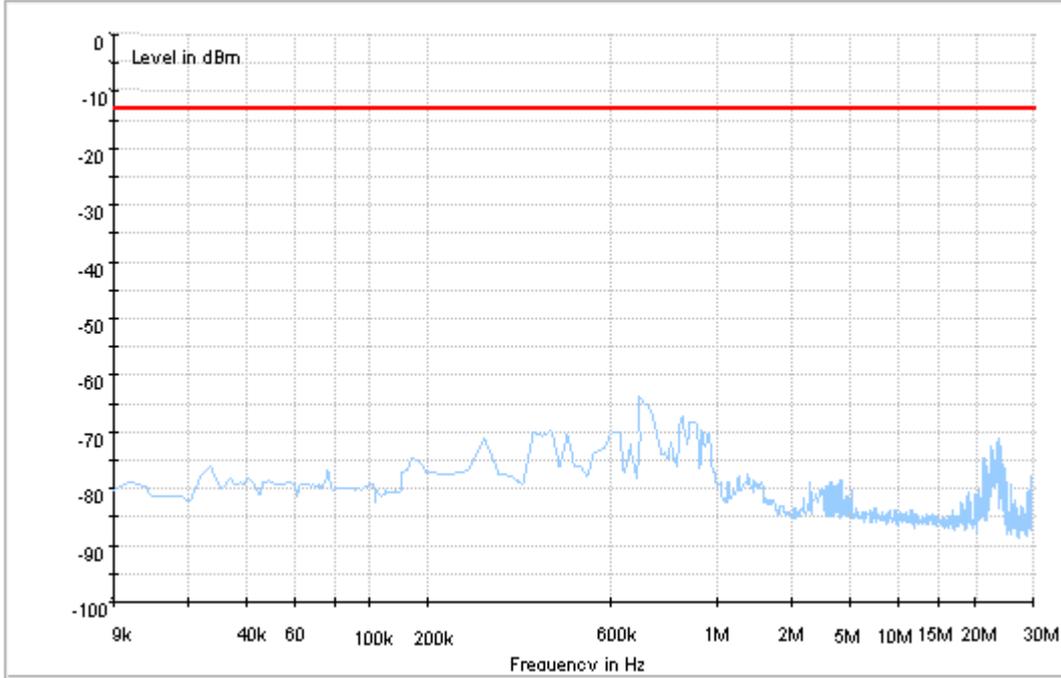
Copy of RSE-TX-DIRECTOR BELOW 1G_L



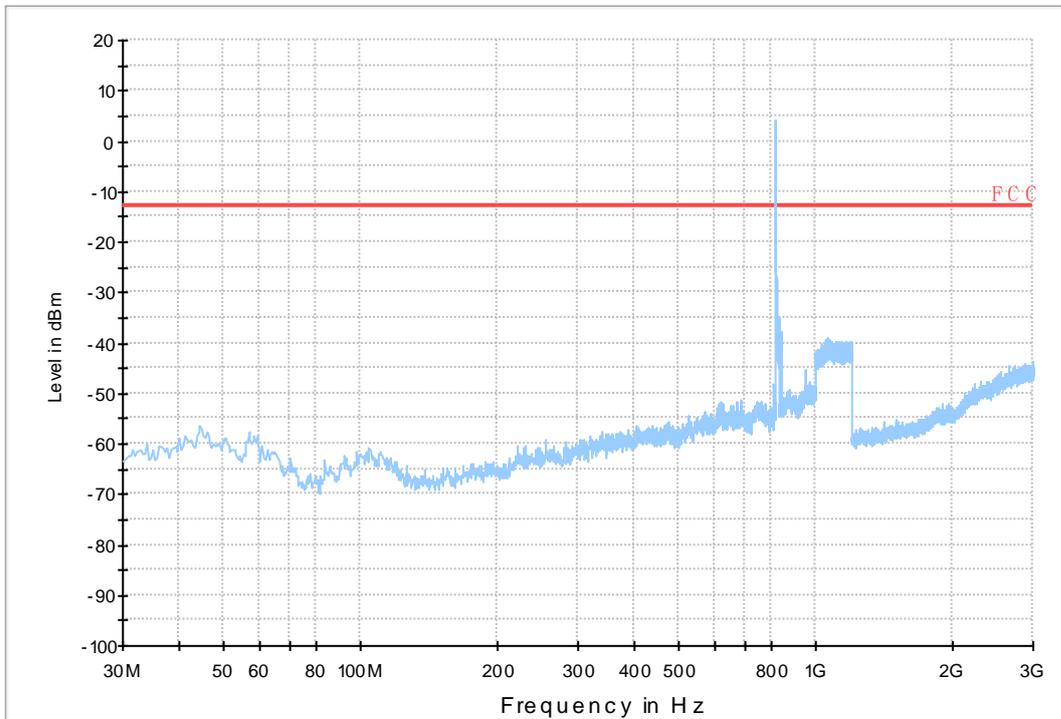
Copy of RSE-TX-DIRECTOR BELOW 1G_H



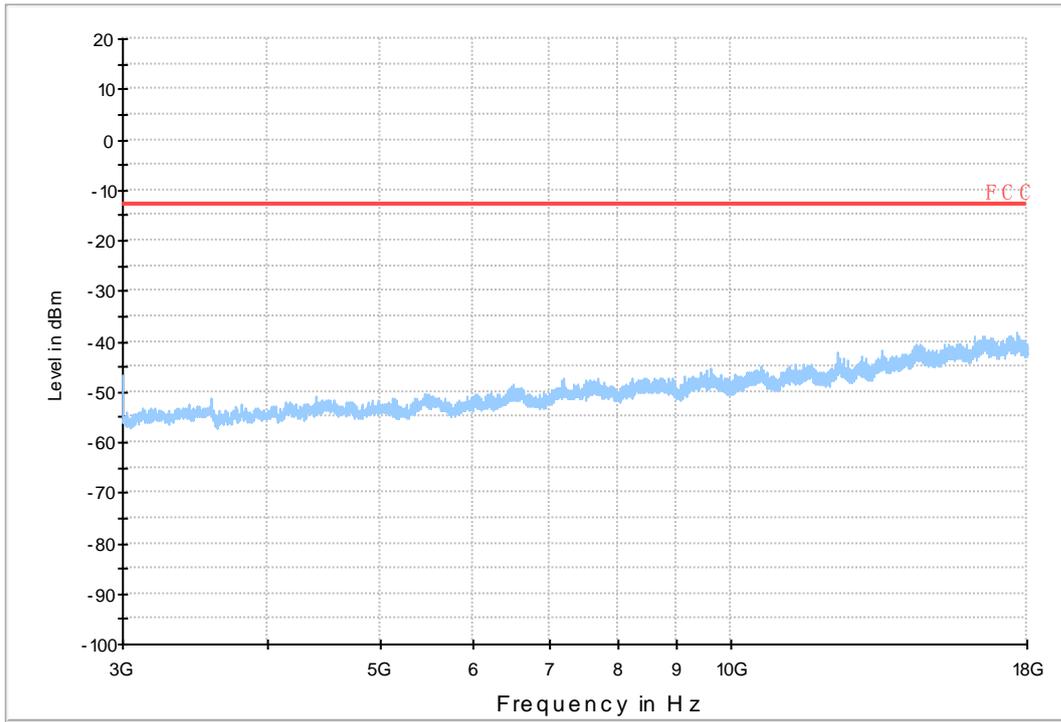
7.1.2.2 Test Bandwidth = 10



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	-5.35	-0.00657	PASS
					VN	-21.03	-0.02581	PASS
					VH	-4.35	-0.00534	PASS
			MCH	TN	VL	-10.77	-0.01315	PASS
					VN	-23.88	-0.02916	PASS
					VH	0.20	0.00024	PASS
			HCH	TN	VL	10.63	0.01291	PASS
					VN	-5.22	-0.00634	PASS
					VH	9.63	0.0117	PASS
		3	LCH	TN	VL	-9.28	-0.01138	PASS
					VN	1.79	0.00219	PASS
					VH	-9.63	-0.01181	PASS
			MCH	TN	VL	-5.84	-0.00713	PASS
					VN	-1.73	-0.00211	PASS
					VH	-3.42	-0.00418	PASS
			HCH	TN	VL	-10.19	-0.01239	PASS
					VN	-2.76	-0.00336	PASS
					VH	-4.51	-0.00548	PASS
		5	LCH	TN	VL	3.79	0.00464	PASS
					VN	-4.65	-0.0057	PASS
					VH	7.81	0.00957	PASS
			MCH	TN	VL	4.98	0.00608	PASS
					VN	0.24	0.00029	PASS
					VH	-0.31	-0.00038	PASS
			HCH	TN	VL	-3.30	-0.00402	PASS
					VN	-2.46	-0.00299	PASS
					VH	-0.56	-0.00068	PASS
		10	LCH	TN	VL	-3.53	-0.00431	PASS
					VN	-0.69	-0.00084	PASS
					VH	-0.50	-0.00061	PASS
			MCH	TN	VL	-2.17	-0.00265	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-1.83	-0.00223	PASS
					VH	-2.25	-0.00275	PASS
					VL	0.79	0.00096	PASS
					VN	-0.43	-0.00053	PASS
					VH	-0.27	-0.00033	PASS
			HCH	TN	VL	-8.65	-0.01062	PASS
			VN	5.61	0.00689	PASS		
			VH	-3.93	-0.00482	PASS		
			LCH	TN	VL	-4.76	-0.00581	PASS
			VN	2.39	0.00292	PASS		
	VH	3.48	0.00425	PASS				
	MCH	TN	VL	0.62	0.00075	PASS		
	VN	17.88	0.02172	PASS				
	VH	18.90	0.02296	PASS				
	HCH	TN	VL	-1.14	-0.0014	PASS		
	VN	1.24	0.00152	PASS				
	VH	-15.51	-0.01902	PASS				
	LCH	TN	VL	6.01	0.00734	PASS		
	VN	2.00	0.00244	PASS				
	VH	5.18	0.00632	PASS				
	MCH	TN	VL	1.73	0.0021	PASS		
	VN	7.12	0.00866	PASS				
	VH	2.83	0.00344	PASS				
	HCH	TN	VL	-0.57	-0.0007	PASS		
	VN	2.47	0.00303	PASS				
	VH	8.68	0.01063	PASS				
	LCH	TN	VL	3.71	0.00453	PASS		
	VN	3.89	0.00475	PASS				
	VH	-1.97	-0.00241	PASS				
	MCH	TN	VL	-2.16	-0.00263	PASS		
	VN	-0.97	-0.00118	PASS				
	VH	5.91	0.00719	PASS				
	HCH	TN	VL	-1.57	-0.00192	PASS		
	VN	-1.70	-0.00208	PASS				
	VH	-2.76	-0.00337	PASS				
	LCH	TN	VL	0.99	0.00121	PASS		
	VN	-0.82	-0.001	PASS				
	VH	-2.82	-0.00344	PASS				
	MCH	TN	VL	1.47	0.00179	PASS		
	HCH	TN						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-2.52	-0.00308	PASS
					VH	0.29	0.00035	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	-8.91	-0.01094	PASS
					-20	-9.57	-0.01175	PASS
					-10	1.80	0.00221	PASS
					0	-0.84	-0.00103	PASS
					10	-18.45	-0.02265	PASS
					20	-0.24	-0.00029	PASS
					30	-7.44	-0.00913	PASS
					40	-6.34	-0.00778	PASS
			50	-1.82	-0.00223	PASS		
			MCH	VN	-30	-11.94	-0.01458	PASS
					-20	-13.72	-0.01675	PASS
					-10	-2.96	-0.00361	PASS
					0	5.11	0.00624	PASS
					10	-4.72	-0.00576	PASS
					20	11.93	0.01457	PASS
					30	-1.63	-0.00199	PASS
					40	-11.06	-0.0135	PASS
			50	-0.49	-0.0006	PASS		
			HCH	VN	-30	2.89	0.00351	PASS
					-20	8.17	0.00992	PASS
					-10	-2.66	-0.00323	PASS
					0	-3.69	-0.00448	PASS
					10	10.87	0.0132	PASS
					20	7.98	0.00969	PASS
		30			-10.63	-0.01291	PASS	
		40			7.41	0.009	PASS	
		50	12.25	0.01488	PASS			
		3	LCH	VN	-30	2.17	0.00266	PASS
-20	-0.89				-0.00109	PASS		
-10	2.78				0.00341	PASS		
0	5.25				0.00644	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		5			10	5.01	0.00614	PASS	
					20	2.96	0.00363	PASS	
					30	1.59	0.00195	PASS	
					40	-3.23	-0.00396	PASS	
					50	4.45	0.00546	PASS	
			MCH	VN	-30	-9.04	-0.01104	PASS	
					-20	9.01	0.011	PASS	
					-10	0.89	0.00109	PASS	
					0	-7.31	-0.00893	PASS	
					10	0.46	0.00056	PASS	
					20	5.55	0.00678	PASS	
					30	-0.36	-0.00044	PASS	
					40	4.66	0.00569	PASS	
					50	5.06	0.00618	PASS	
			HCH	VN	-30	2.20	0.00267	PASS	
					-20	-5.28	-0.00642	PASS	
					-10	0.53	0.00064	PASS	
					0	2.43	0.00295	PASS	
					10	0.67	0.00081	PASS	
					20	-1.83	-0.00222	PASS	
					30	-8.57	-0.01042	PASS	
					40	-2.07	-0.00252	PASS	
			LCH	VN	-30	-0.54	-0.00066	PASS	
					-20	2.06	0.00252	PASS	
		-10			-1.43	-0.00175	PASS		
		0			2.43	0.00298	PASS		
		10			0.43	0.00053	PASS		
		20			0.13	0.00016	PASS		
		30			2.35	0.00288	PASS		
		40			0.27	0.00033	PASS		
		50			2.19	0.00268	PASS		
		MCH			VN	-30	-0.04	-0.00005	PASS
						-20	3.13	0.00382	PASS
						-10	-9.50	-0.0116	PASS
			0	0.39		0.00048	PASS		
			10	3.16		0.00386	PASS		
20	-3.13		-0.00382	PASS					
30	1.77		0.00216	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-5.48	-0.00669	PASS		
					50	-1.46	-0.00178	PASS		
			HCH	VN	-30	2.35	0.00286	PASS		
					-20	-4.68	-0.0057	PASS		
					-10	0.36	0.00044	PASS		
					0	2.60	0.00316	PASS		
					10	6.51	0.00792	PASS		
					20	-1.65	-0.00201	PASS		
					30	0.03	0.00004	PASS		
					40	2.57	0.00313	PASS		
					50	0.04	0.00005	PASS		
					LCH	VN	-30	-4.76	-0.00581	PASS
							-20	0.43	0.00053	PASS
							-10	0.70	0.00085	PASS
							0	-3.69	-0.00451	PASS
		10	-0.10	-0.00012			PASS			
		20	-0.93	-0.00114			PASS			
		30	-0.34	-0.00042			PASS			
		40	2.90	0.00354			PASS			
		50	-1.66	-0.00203			PASS			
		MCH	VN	-30	2.89	0.00353	PASS			
				-20	0.00	0	PASS			
				-10	1.02	0.00125	PASS			
				0	-0.47	-0.00057	PASS			
				10	-0.10	-0.00012	PASS			
				20	0.27	0.00033	PASS			
				30	-5.01	-0.00612	PASS			
				40	-0.27	-0.00033	PASS			
		HCH	VN	-30	1.16	0.00142	PASS			
				-20	-3.03	-0.0037	PASS			
				-10	-0.96	-0.00117	PASS			
				0	-2.72	-0.00332	PASS			
				10	0.67	0.00082	PASS			
				20	-1.12	-0.00137	PASS			
				30	-1.83	-0.00223	PASS			
				40	2.13	0.0026	PASS			
		50	0.01	0.00001	PASS					
		LTE/TM2	1.4	LCH	VN	-30	0.54	0.00066	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-20	28.61	0.03512	PASS	
					-10	-0.57	-0.0007	PASS	
					0	-10.61	-0.01302	PASS	
					10	-1.12	-0.00137	PASS	
					20	23.26	0.02855	PASS	
					30	-25.59	-0.03141	PASS	
					40	-4.58	-0.00562	PASS	
					50	-8.37	-0.01027	PASS	
			MCH	VN	-30	-17.74	-0.02166	PASS	
					-20	-21.44	-0.02618	PASS	
					-10	-4.68	-0.00571	PASS	
					0	-6.22	-0.00759	PASS	
					10	4.79	0.00585	PASS	
					20	5.09	0.00621	PASS	
					30	0.26	0.00032	PASS	
					40	5.91	0.00722	PASS	
			HCH	VN	-30	15.79	0.01918	PASS	
					-20	-3.73	-0.00453	PASS	
					-10	1.29	0.00157	PASS	
					0	-10.53	-0.01279	PASS	
					10	8.34	0.01013	PASS	
					20	2.23	0.00271	PASS	
					30	-5.99	-0.00728	PASS	
					40	3.49	0.00424	PASS	
			3	LCH	VN	-30	-0.63	-0.00077	PASS
						-20	-11.34	-0.01391	PASS
						-10	7.18	0.0088	PASS
						0	4.21	0.00516	PASS
		10				-2.37	-0.00291	PASS	
		20				1.62	0.00199	PASS	
		30				3.02	0.0037	PASS	
		40				4.73	0.0058	PASS	
		50		-6.28	-0.0077	PASS			
		MCH		VN	-30	0.59	0.00072	PASS	
					-20	-12.76	-0.01558	PASS	
					-10	1.02	0.00125	PASS	
			0		4.03	0.00492	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-11.24	-0.01372	PASS		
					20	0.57	0.0007	PASS		
					30	0.54	0.00066	PASS		
					40	-3.39	-0.00414	PASS		
					50	-4.75	-0.0058	PASS		
			HCH	VN	-30	-3.96	-0.00481	PASS		
					-20	1.75	0.00213	PASS		
					-10	0.09	0.00011	PASS		
					0	-1.92	-0.00233	PASS		
					10	-4.62	-0.00562	PASS		
					20	3.81	0.00463	PASS		
					30	-5.26	-0.0064	PASS		
					40	-5.74	-0.00698	PASS		
					50	1.52	0.00185	PASS		
					LCH	VN	-30	0.53	0.00065	PASS
							-20	0.04	0.00005	PASS
							-10	2.06	0.00252	PASS
							0	1.49	0.00182	PASS
							10	-0.29	-0.00036	PASS
							20	-2.52	-0.00309	PASS
		30	-5.11	-0.00626			PASS			
		40	-1.47	-0.0018			PASS			
		50	2.33	0.00285			PASS			
		MCH	VN	-30			1.82	0.00222	PASS	
				-20	-1.70	-0.00208	PASS			
				-10	-0.31	-0.00038	PASS			
				0	-1.40	-0.00171	PASS			
				10	-7.20	-0.00879	PASS			
				20	0.41	0.0005	PASS			
				30	8.04	0.00982	PASS			
				40	-1.95	-0.00238	PASS			
				50	-0.69	-0.00084	PASS			
		HCH	VN	-30	2.37	0.00288	PASS			
				-20	2.17	0.00264	PASS			
				-10	0.60	0.00073	PASS			
				0	-1.44	-0.00175	PASS			
				10	0.93	0.00113	PASS			
				20	3.72	0.00453	PASS			
				30	1.52	0.00185	PASS			
		5					-30	0.53	0.00065	PASS
-20	0.04						0.00005	PASS		
-10	2.06						0.00252	PASS		
0	1.49						0.00182	PASS		
10	-0.29						-0.00036	PASS		
20	-2.52						-0.00309	PASS		
30	-5.11						-0.00626	PASS		
40	-1.47						-0.0018	PASS		
50	2.33						0.00285	PASS		
-30	1.82						0.00222	PASS		
-20	-1.70	-0.00208	PASS							
-10	-0.31	-0.00038	PASS							
0	-1.40	-0.00171	PASS							
10	-7.20	-0.00879	PASS							
20	0.41	0.0005	PASS							
30	8.04	0.00982	PASS							
40	-1.95	-0.00238	PASS							
50	-0.69	-0.00084	PASS							
-30	2.37	0.00288	PASS							
-20	2.17	0.00264	PASS							
-10	0.60	0.00073	PASS							
0	-1.44	-0.00175	PASS							
10	0.93	0.00113	PASS							
20	3.72	0.00453	PASS							
30	1.52	0.00185	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.41	0.0005	PASS
					50	-1.02	-0.00124	PASS
		10	LCH	VN	-30	0.29	0.00035	PASS
					-20	-4.06	-0.00496	PASS
					-10	-4.72	-0.00576	PASS
					0	0.67	0.00082	PASS
					10	-1.19	-0.00145	PASS
					20	2.05	0.0025	PASS
					30	2.57	0.00314	PASS
					40	-4.52	-0.00552	PASS
					50	0.70	0.00085	PASS
					MCH	VN	-30	0.26
			-20	1.26			0.00154	PASS
			-10	-0.84			-0.00103	PASS
			0	1.53			0.00187	PASS
			10	-0.84			-0.00103	PASS
			20	2.30			0.00281	PASS
			30	2.80			0.00342	PASS
			40	1.23			0.0015	PASS
			50	0.79	0.00096	PASS		
			HCH	VN	-30	1.65	0.00201	PASS
					-20	-3.23	-0.00394	PASS
					-10	0.21	0.00026	PASS
		0			2.07	0.00253	PASS	
		10			-2.22	-0.00271	PASS	
		20			0.03	0.00004	PASS	
		30			0.43	0.00053	PASS	
		40			-2.25	-0.00275	PASS	
		50	1.03	0.00126	PASS			

END