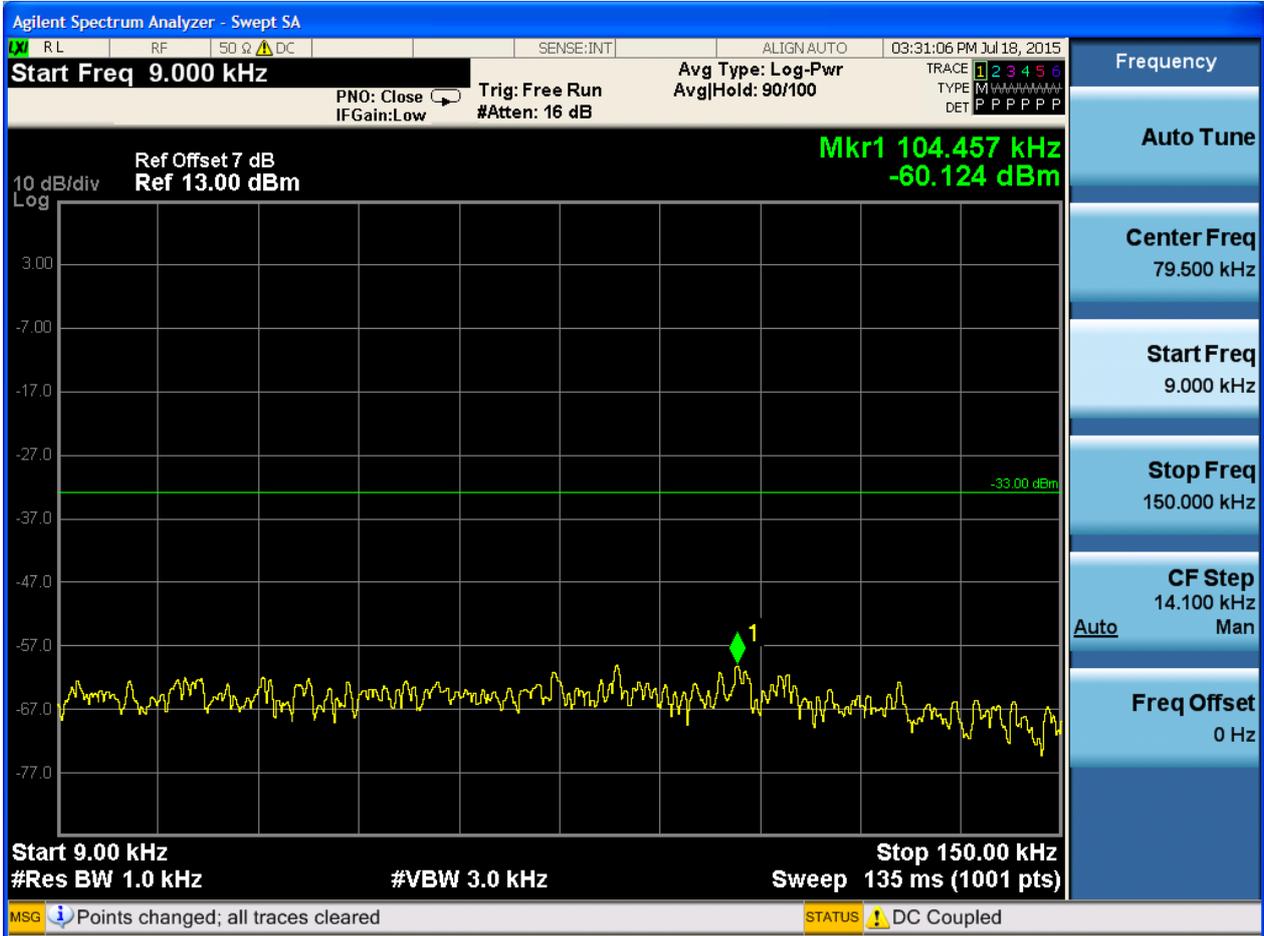
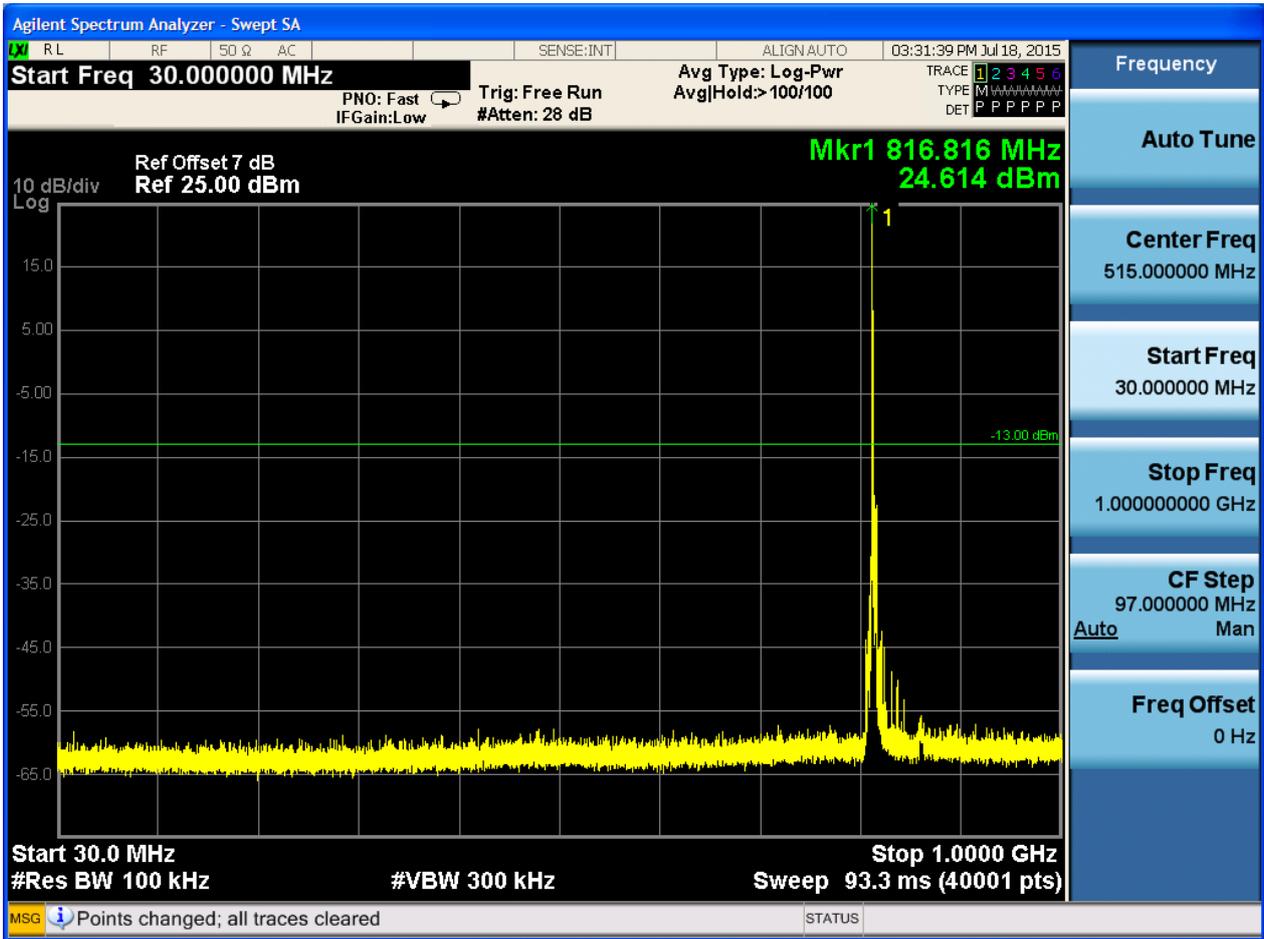


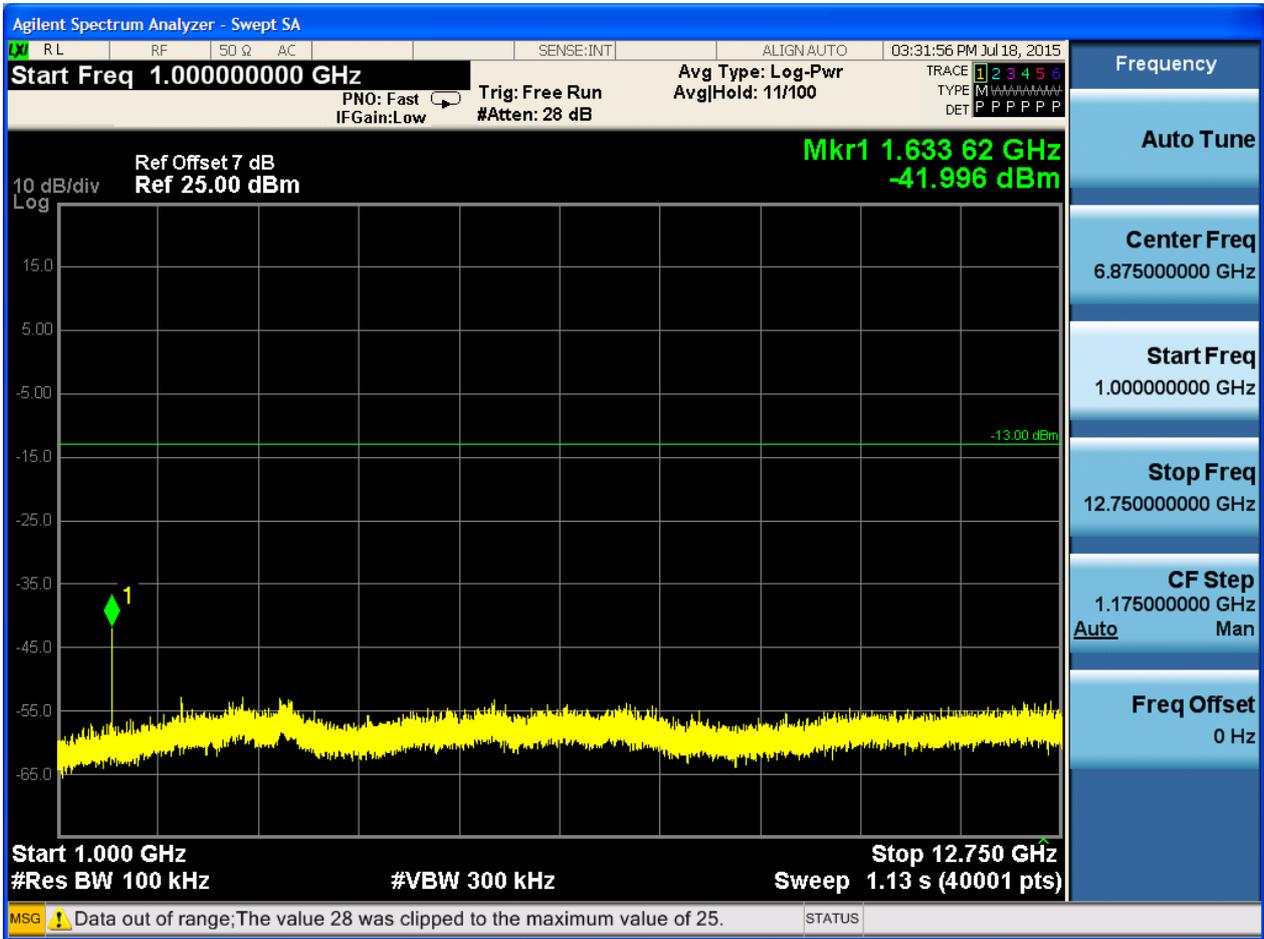


6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0



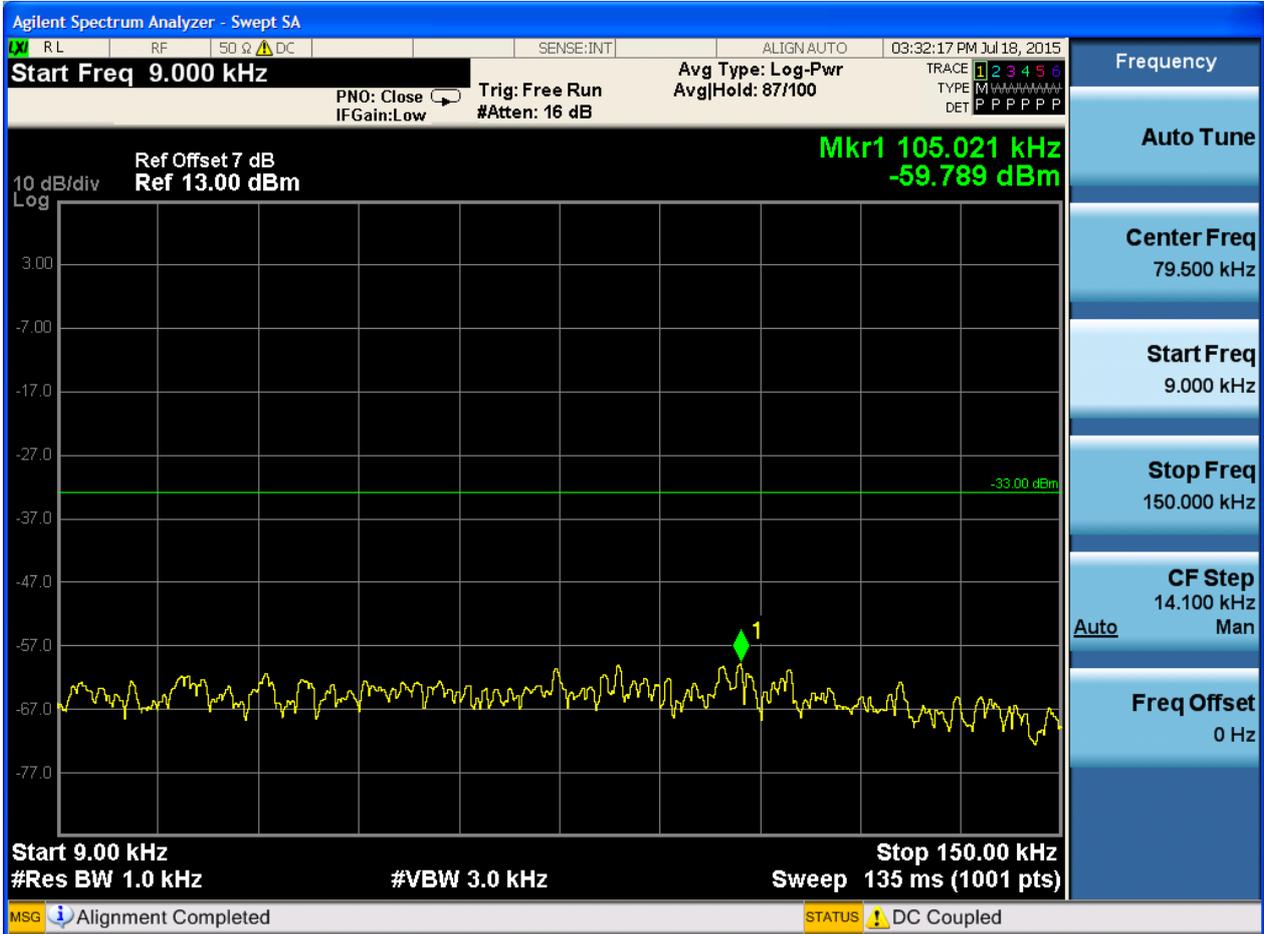




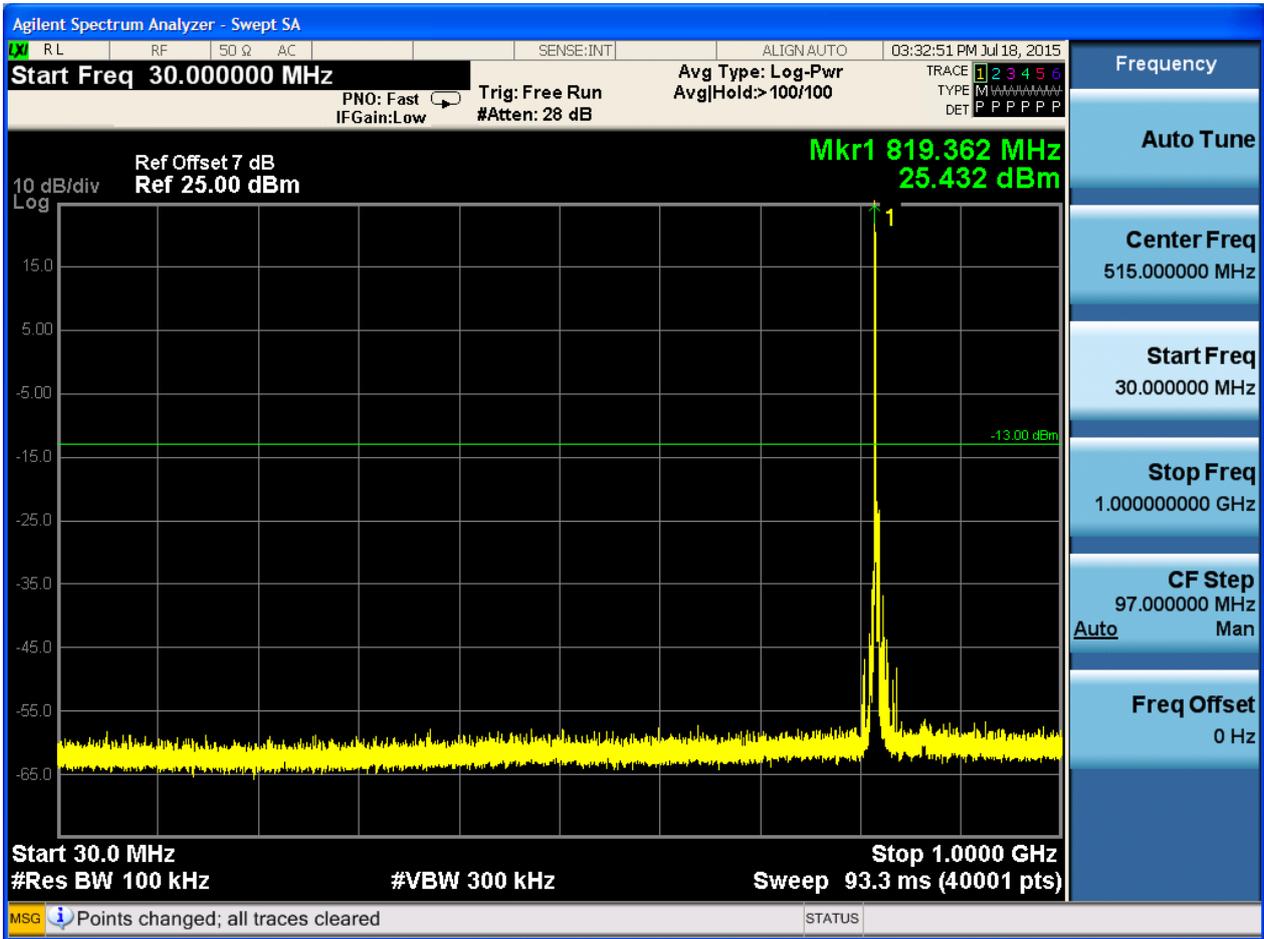


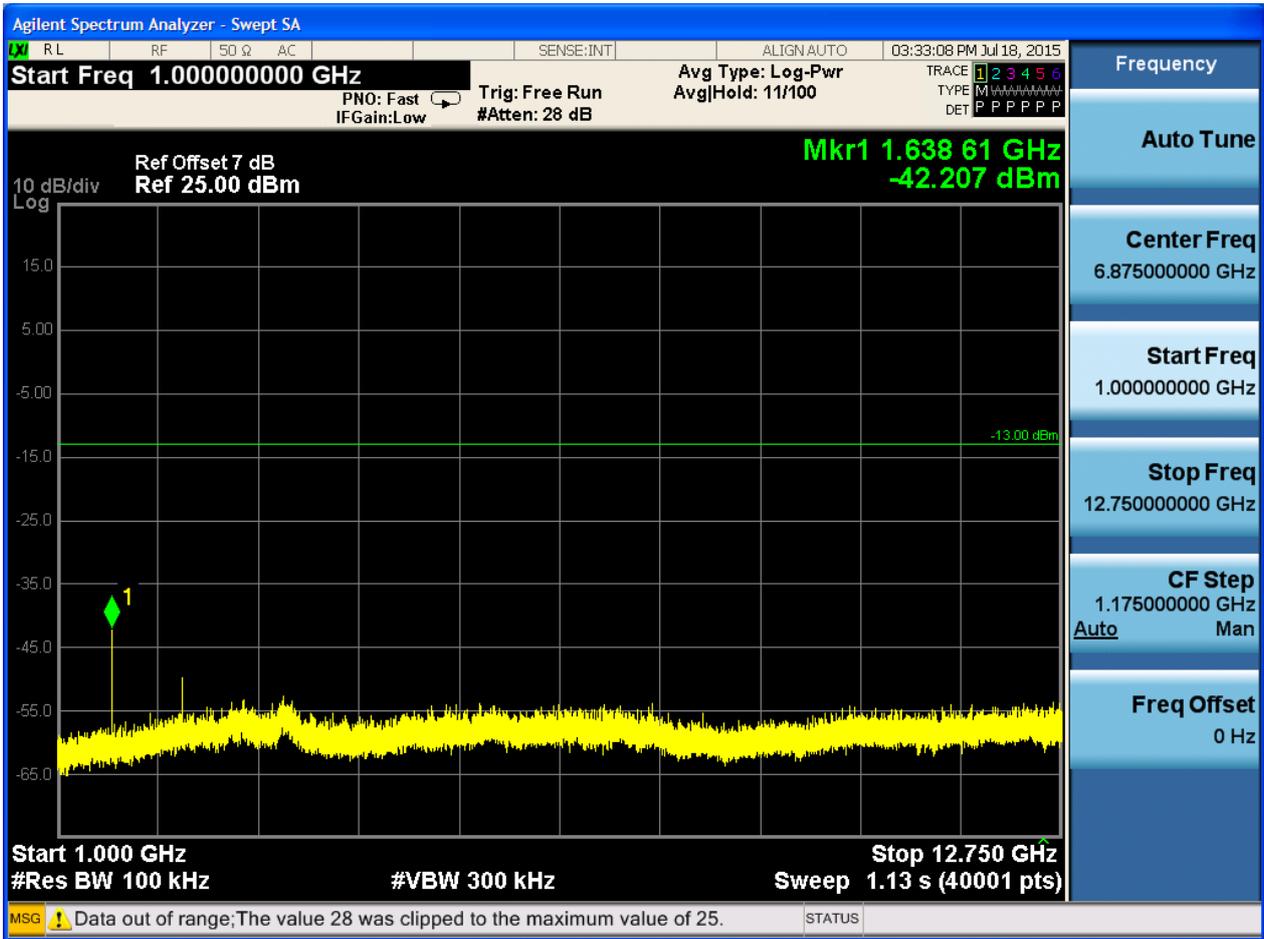
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0







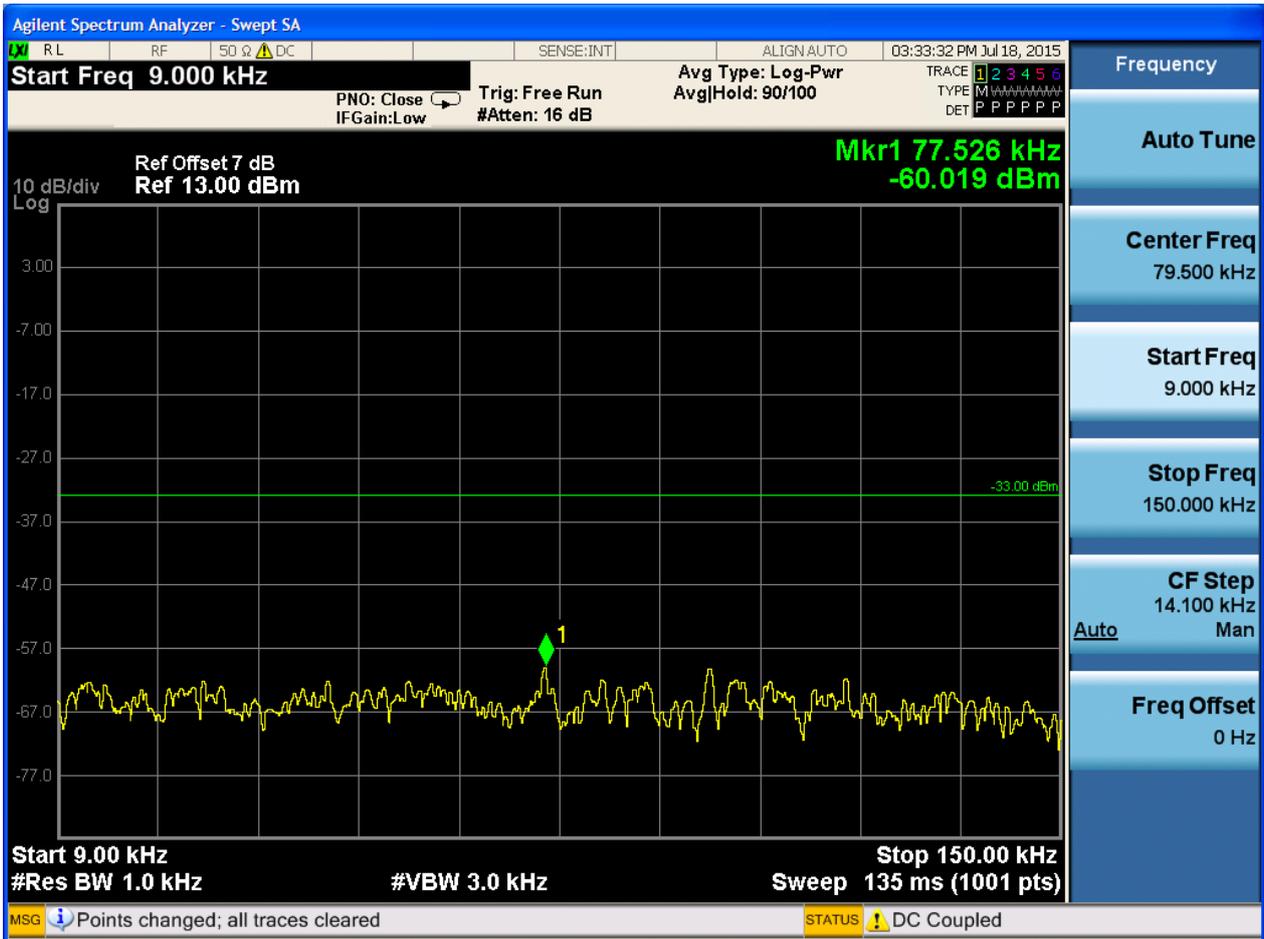


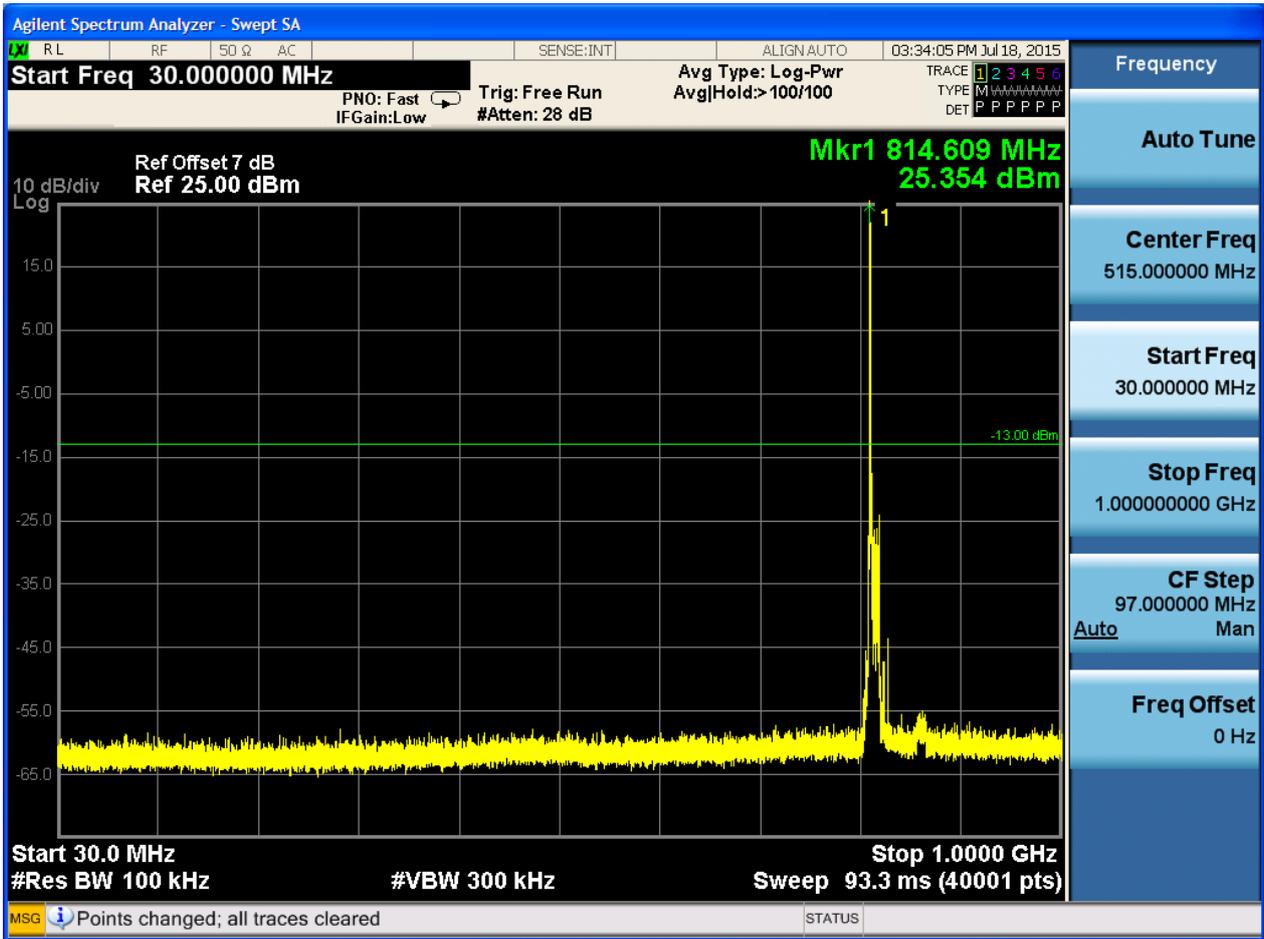


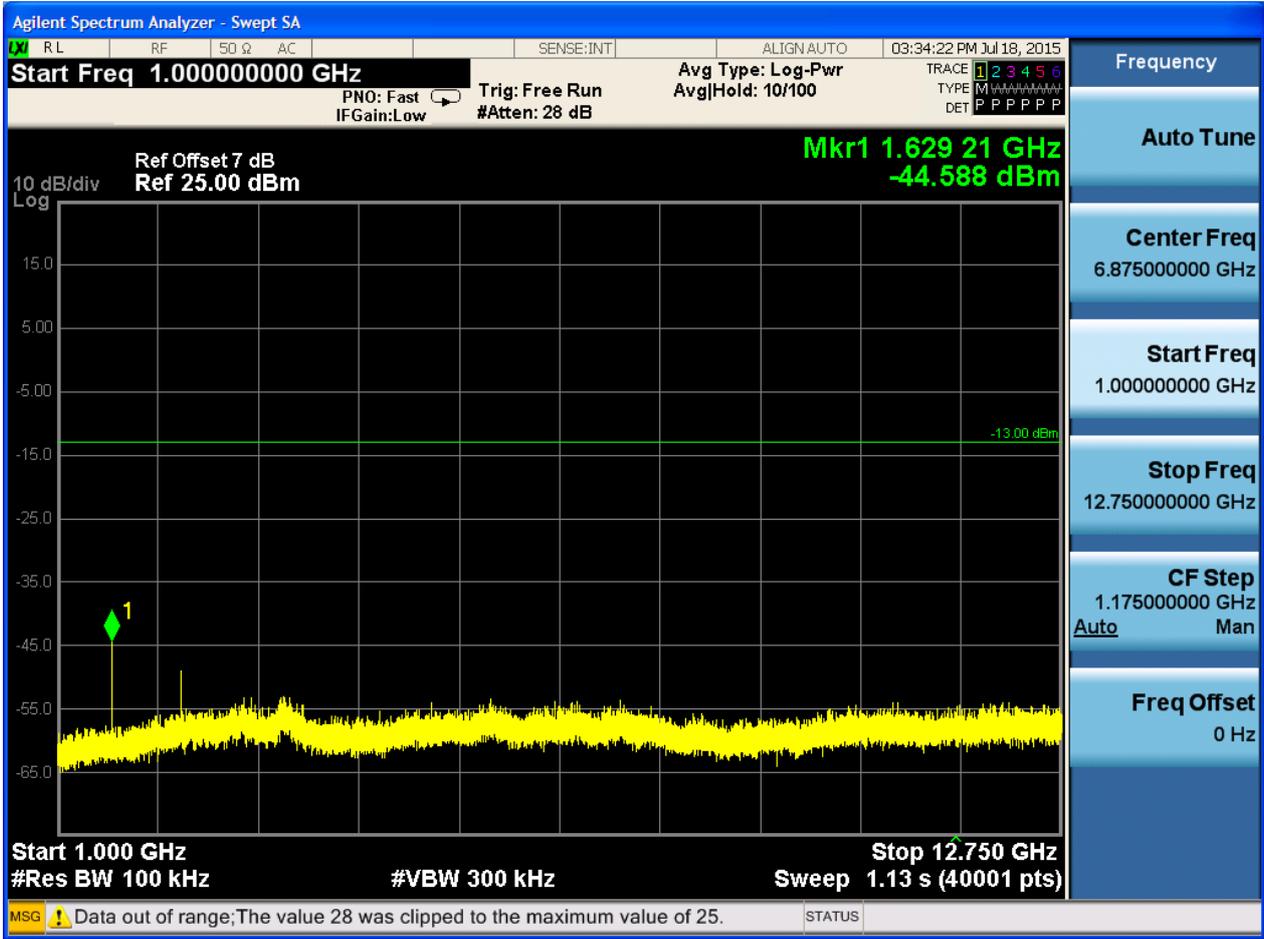
6.1.1.2.4 Test Bandwidth = 10

6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0







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

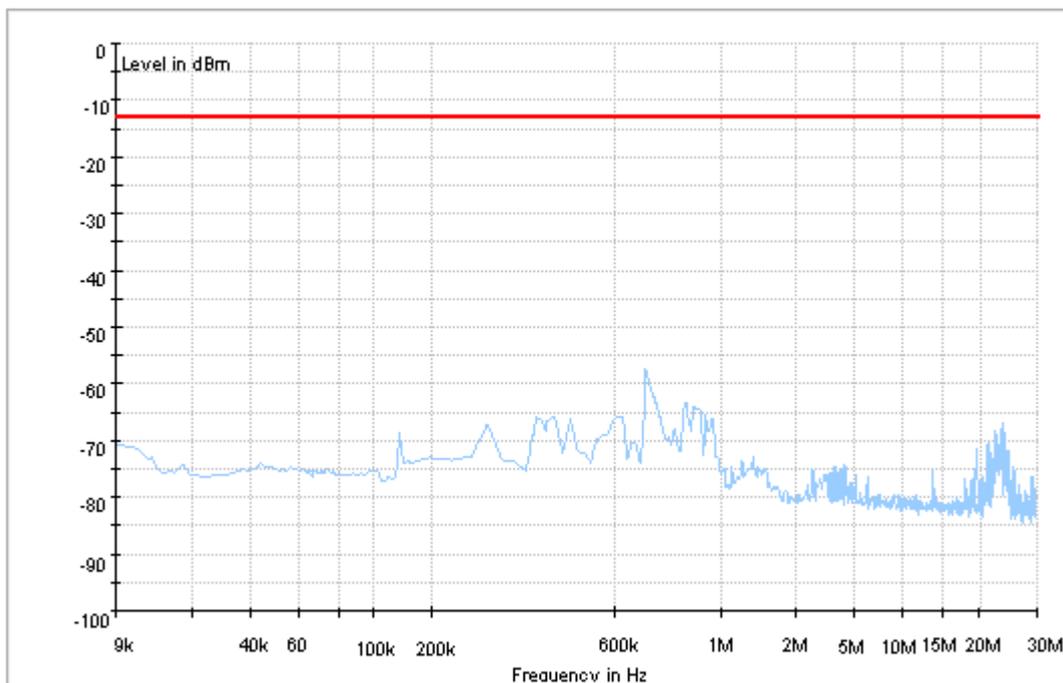
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

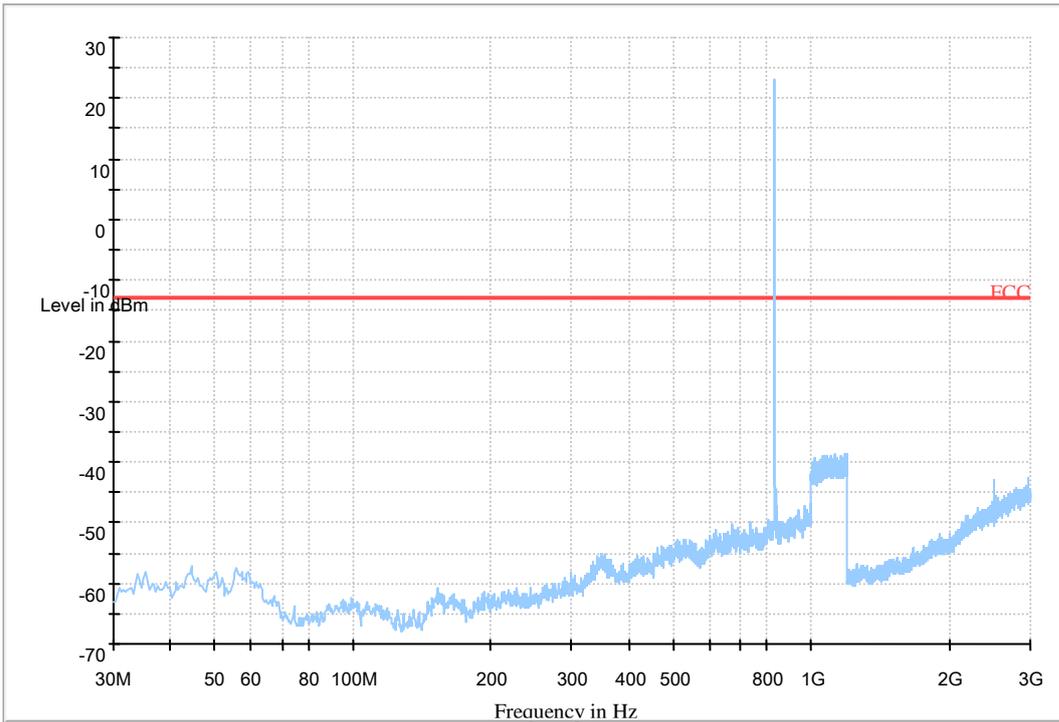
7.1 For LTE

7.1.1 Test Band = BAND26

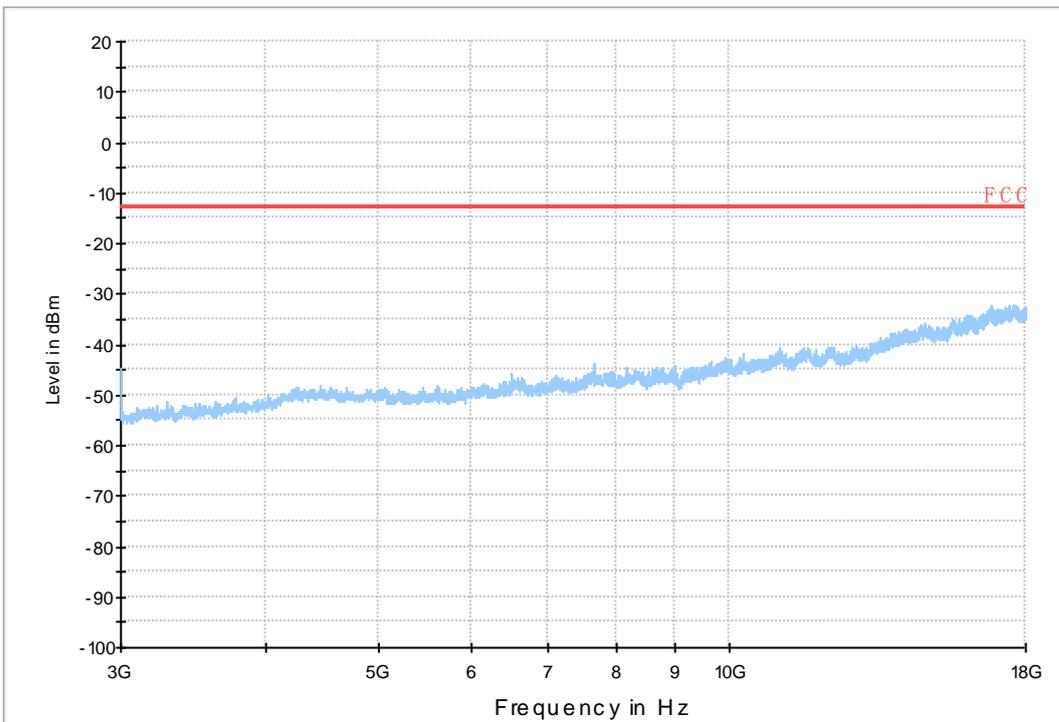
7.1.1.1 Test Bandwidth = 1.4



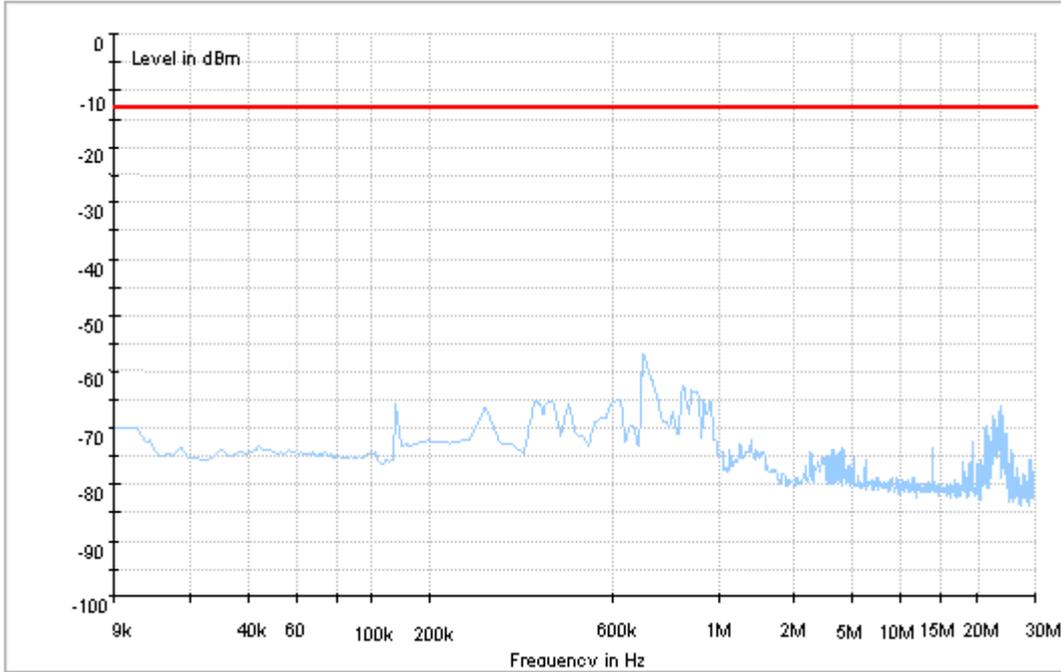
Copy of RSE-TX-DIRECTOR BELOW 1G_L



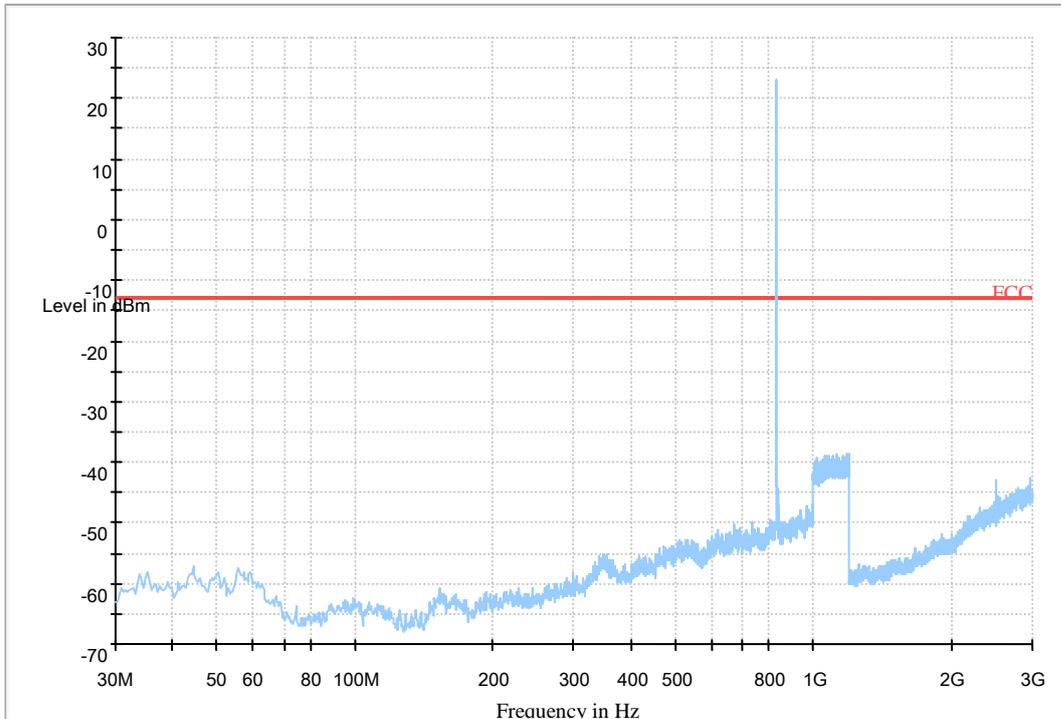
Copy of RSE-TX-DIRECTOR BELOW 1G_H



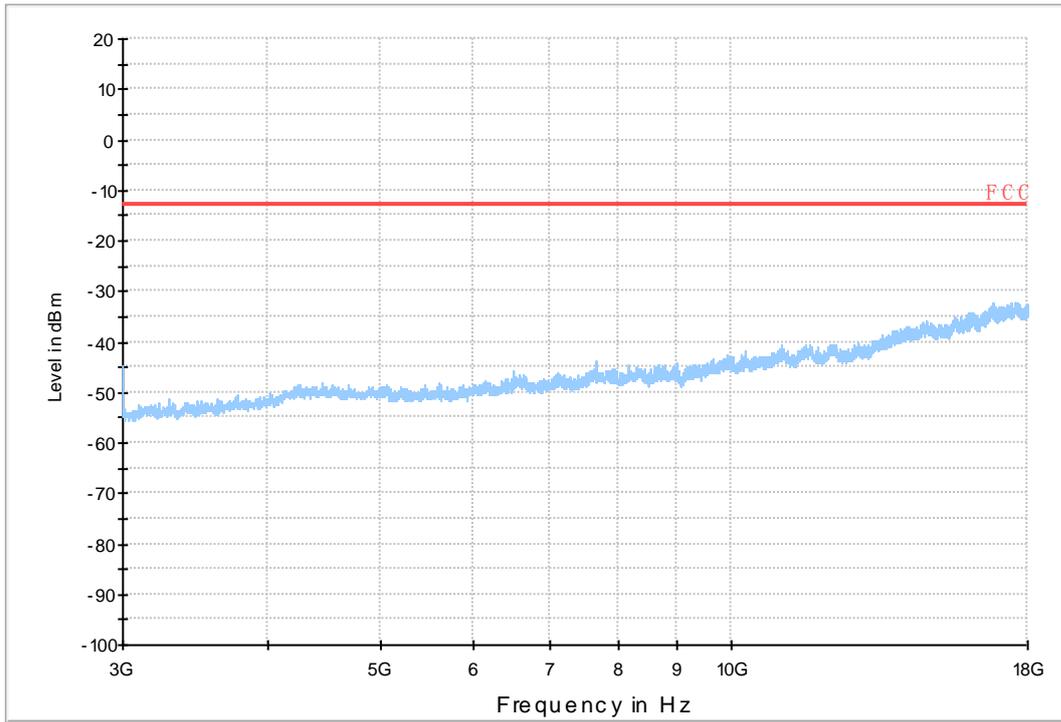
7.1.1.3 Test Bandwidth = 10



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	-3.42	-0.0042	PASS
					VN	0.6	0.00074	PASS
					VH	0.37	0.00045	PASS
			MCH	TN	VL	-1.72	-0.0021	PASS
					VN	-1.62	-0.00198	PASS
					VH	-2.7	-0.0033	PASS
			HCH	TN	VL	3.99	0.00485	PASS
					VN	-4.01	-0.00487	PASS
					VH	-3.16	-0.00384	PASS
		3	LCH	TN	VL	-2	-0.00245	PASS
					VN	-2.39	-0.00293	PASS
					VH	-1.67	-0.00205	PASS
			MCH	TN	VL	0.27	0.00033	PASS
					VN	0.41	0.0005	PASS
					VH	-0.39	-0.00048	PASS
			HCH	TN	VL	2.69	0.00327	PASS
					VN	0.06	0.00007	PASS
					VH	2.35	0.00286	PASS
		5	LCH	TN	VL	1.52	0.00186	PASS
					VN	2.27	0.00278	PASS
					VH	-0.77	-0.00094	PASS
			MCH	TN	VL	-3.62	-0.00442	PASS
					VN	-0.72	-0.00088	PASS
					VH	-1.06	-0.00129	PASS
			HCH	TN	VL	-0.56	-0.00068	PASS
					VN	-0.09	-0.00011	PASS
					VH	-2.05	-0.0025	PASS
		10	LCH	TN	VL	-0.57	-0.0007	PASS
					VN	-1.12	-0.00137	PASS
					VH	1.27	0.00155	PASS
MCH	TN		VL	-0.74	-0.0009	PASS		
			VN	0.44	0.00054	PASS		
			VH	-1.97	-0.00241	PASS		
HCH	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	
	LTE/TM2				VN	-1.1	-0.00134	PASS	
					VH	0.09	0.00011	PASS	
		1.4	LCH	TN	VL	0.77	0.00095	PASS	
					VN	-0.03	-0.00004	PASS	
				VH	0.23	0.00028	PASS		
				VL	-2.37	-0.00289	PASS		
			MCH	TN	VN	-3.53	-0.00431	PASS	
					VH	-0.96	-0.00117	PASS	
				TN	VL	-1.85	-0.00225	PASS	
					VN	-1.65	-0.002	PASS	
			VH	1.72	0.00209	PASS			
			3	LCH	TN	VL	-0.16	-0.0002	PASS
						VN	0.26	0.00032	PASS
					VH	-0.41	-0.0005	PASS	
		VL			0.26	0.00032	PASS		
		MCH		TN	VN	-2.3	-0.00281	PASS	
					VH	-1.66	-0.00203	PASS	
				TN	VL	1.4	0.0017	PASS	
					VN	-2.85	-0.00347	PASS	
		VH		1.67	0.00203	PASS			
		5		LCH	TN	VL	0.82	0.001	PASS
						VN	0.07	0.00009	PASS
					VH	-0.74	-0.00091	PASS	
			VL		-1.86	-0.00227	PASS		
			MCH	TN	VN	-1.76	-0.00215	PASS	
					VH	-2.95	-0.0036	PASS	
				TN	VL	-0.26	-0.00032	PASS	
					VN	0.13	0.00016	PASS	
			VH	-1.65	-0.00201	PASS			
			10	LCH	TN	VL	-1.7	-0.00208	PASS
						VN	-2.6	-0.00317	PASS
					VH	-3.88	-0.00474	PASS	
		VL			-4.13	-0.00504	PASS		
		MCH		TN	VN	-2.3	-0.00281	PASS	
					VH	-2.15	-0.00263	PASS	
				TN	VL	-1.32	-0.00161	PASS	
					VN	-2.57	-0.00314	PASS	
		VH		-3.2	-0.00391	PASS			

8.1.2 Frequency Error vs. Temperature:

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	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		
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		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-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		
			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			
		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			
		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			
		5								

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					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		
					LCH	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			
		MCH	VN	-30			-4.02	-0.00491	PASS	
				-20	-0.64	-0.00078	PASS			
				-10	0.34	0.00042	PASS			
				0	-1.13	-0.00138	PASS			
				10	1.37	0.00167	PASS			
				20	-0.27	-0.00033	PASS			
				30	-2.12	-0.00259	PASS			
	40			-0.03	-0.00004	PASS				
	50			-1.1	-0.00134	PASS				
	HCH			VN	-30	-1.4	-0.00171	PASS		
		-20	0.16		0.0002	PASS				
		-10	-1.1		-0.00134	PASS				
		0	-1.53		-0.00187	PASS				
		10	-0.17		-0.00021	PASS				
		20	-2.13		-0.0026	PASS				
		30	-2.57		-0.00314	PASS				
		40	-0.2		-0.00024	PASS				
	50	-1.12	-0.00137	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			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					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	
					30	-0.53	-0.00065	PASS	
					40	-1.92	-0.00234	PASS	
					50	-1.02	-0.00125	PASS	
					HCH	VN	-30	-0.07	-0.00009
			-20	-1.4			-0.0017	PASS	
			-10	-0.06			-0.00007	PASS	
			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		
		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		
HCH	VN	30	-1.06	-0.00129	PASS				
		40	-0.23	-0.00028	PASS				
		50	-4.51	-0.00551	PASS				
			HCH	VN	-30	-0.09	-0.00011	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-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		
					50	-0.41	-0.0005	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		
					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			
		50	-1.44	-0.00175	PASS					
		10	LCH	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				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					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
			MCH	VN	-30	-0.57	-0.0007	PASS
					-20	-1.24	-0.00151	PASS
					-10	-4.11	-0.00502	PASS
					0	-2.46	-0.003	PASS
					10	-1.87	-0.00228	PASS
					20	-2.53	-0.00309	PASS
					30	-1.33	-0.00162	PASS
					40	-2.32	-0.00283	PASS
			HCH	VN	50	-2.82	-0.00344	PASS
					-30	-1.52	-0.00186	PASS
					-20	-2.52	-0.00308	PASS
					-10	-3.53	-0.00431	PASS
					0	-1.3	-0.00159	PASS
					10	-2.93	-0.00358	PASS
					20	-3.96	-0.00484	PASS
					30	-2.26	-0.00276	PASS
			40	-2.55	-0.00311	PASS		
			50	-1.67	-0.00204	PASS		



END