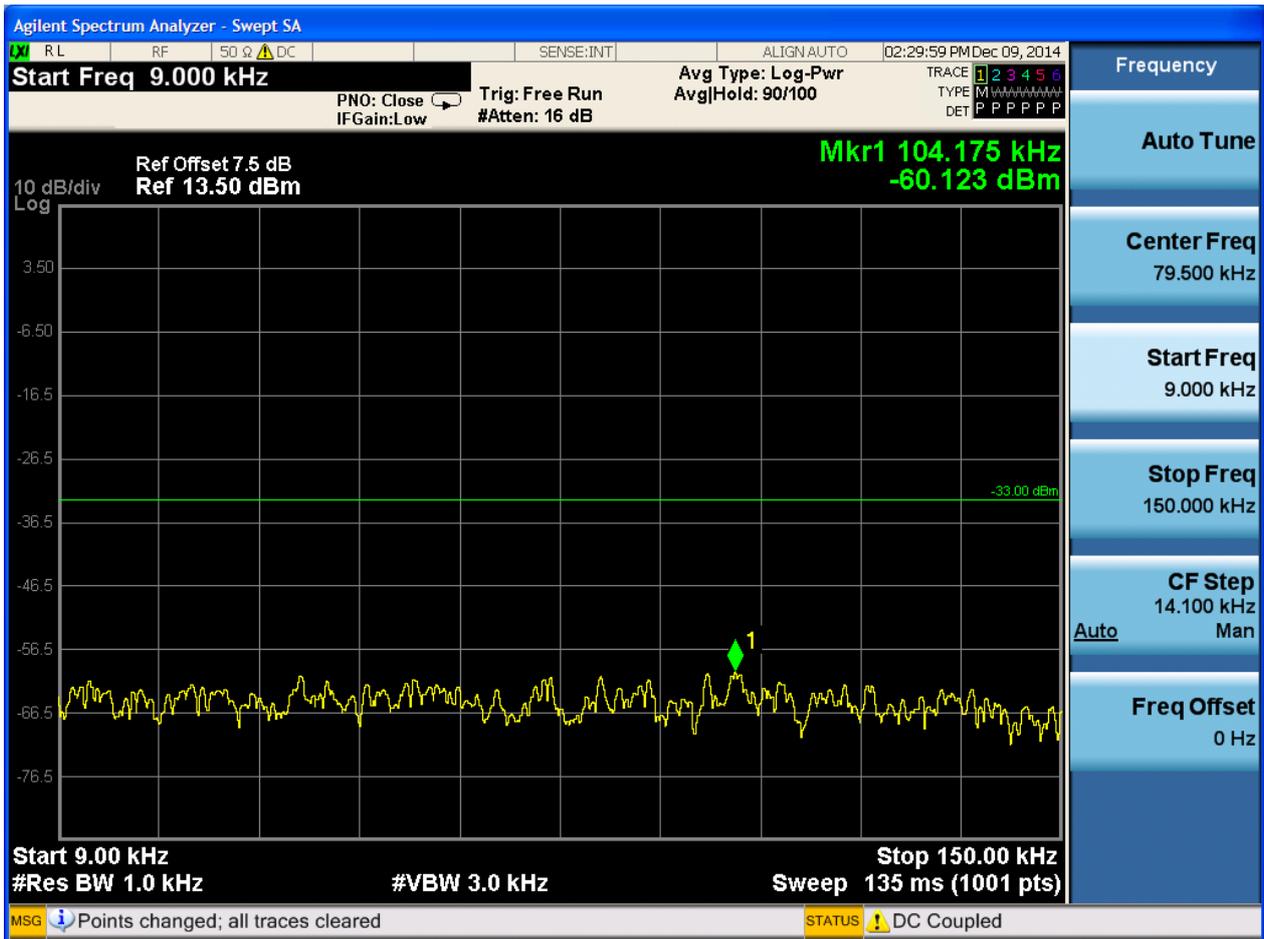


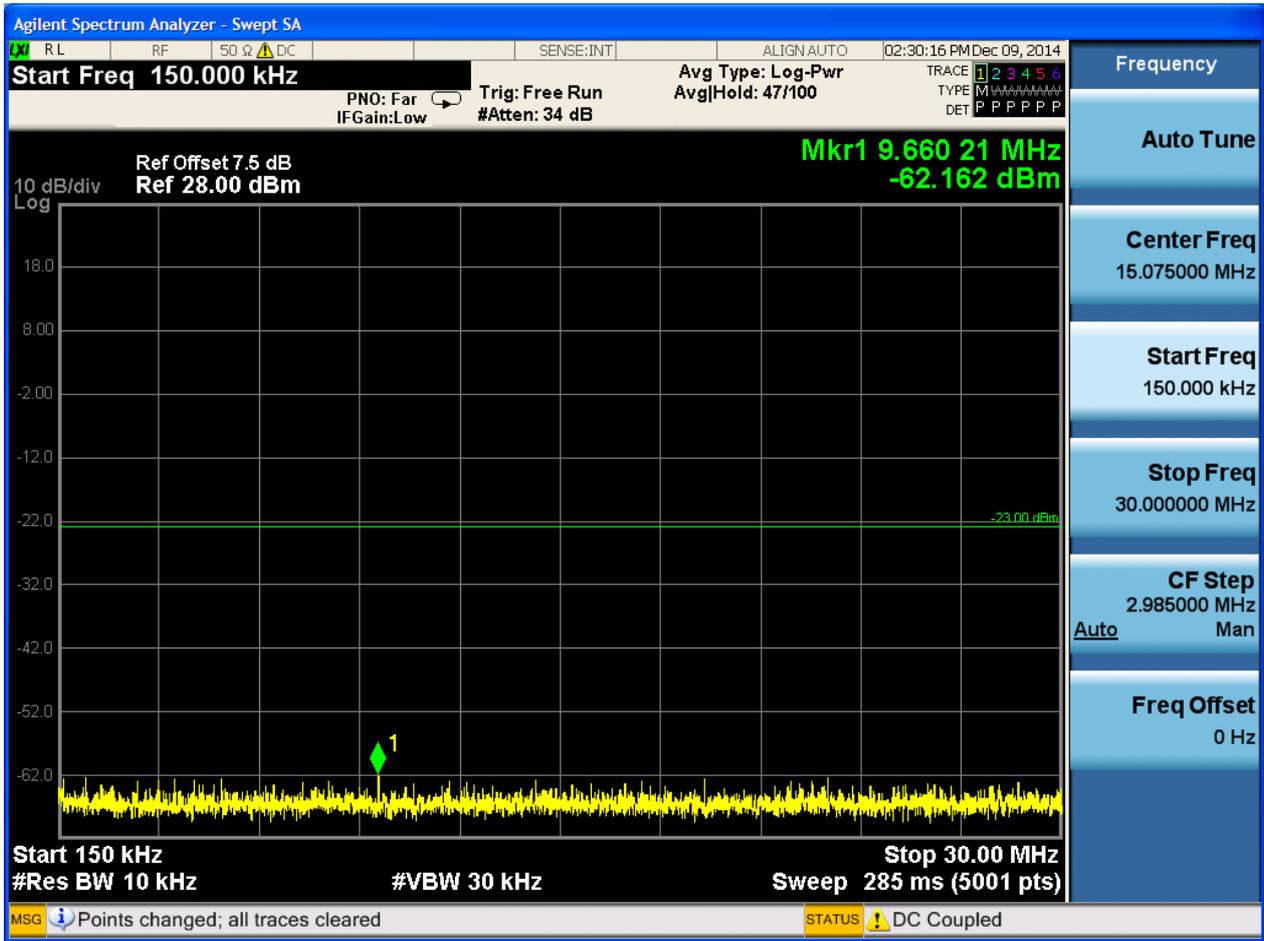


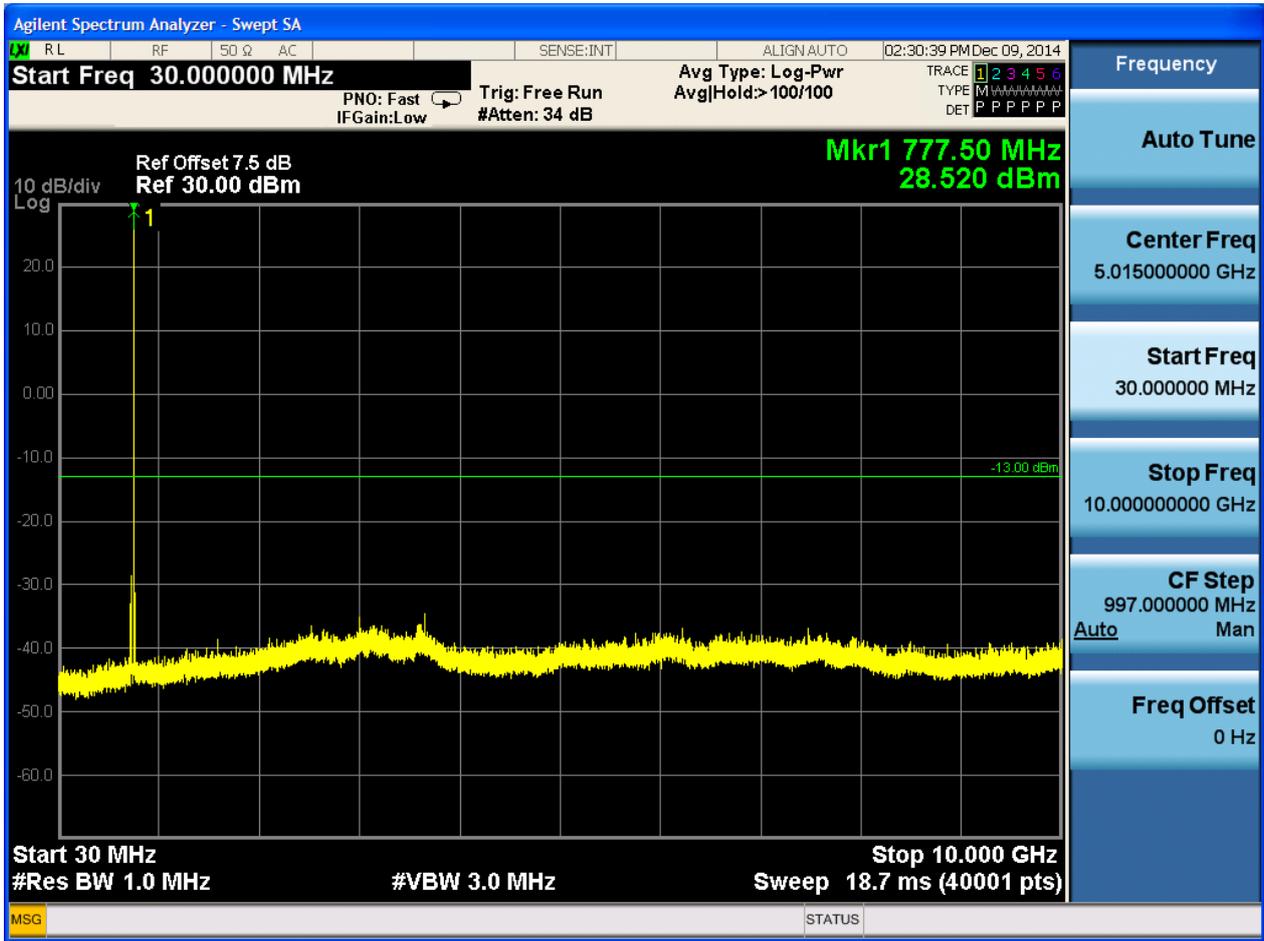
6.1.2.2.2 Test Bandwidth = 10

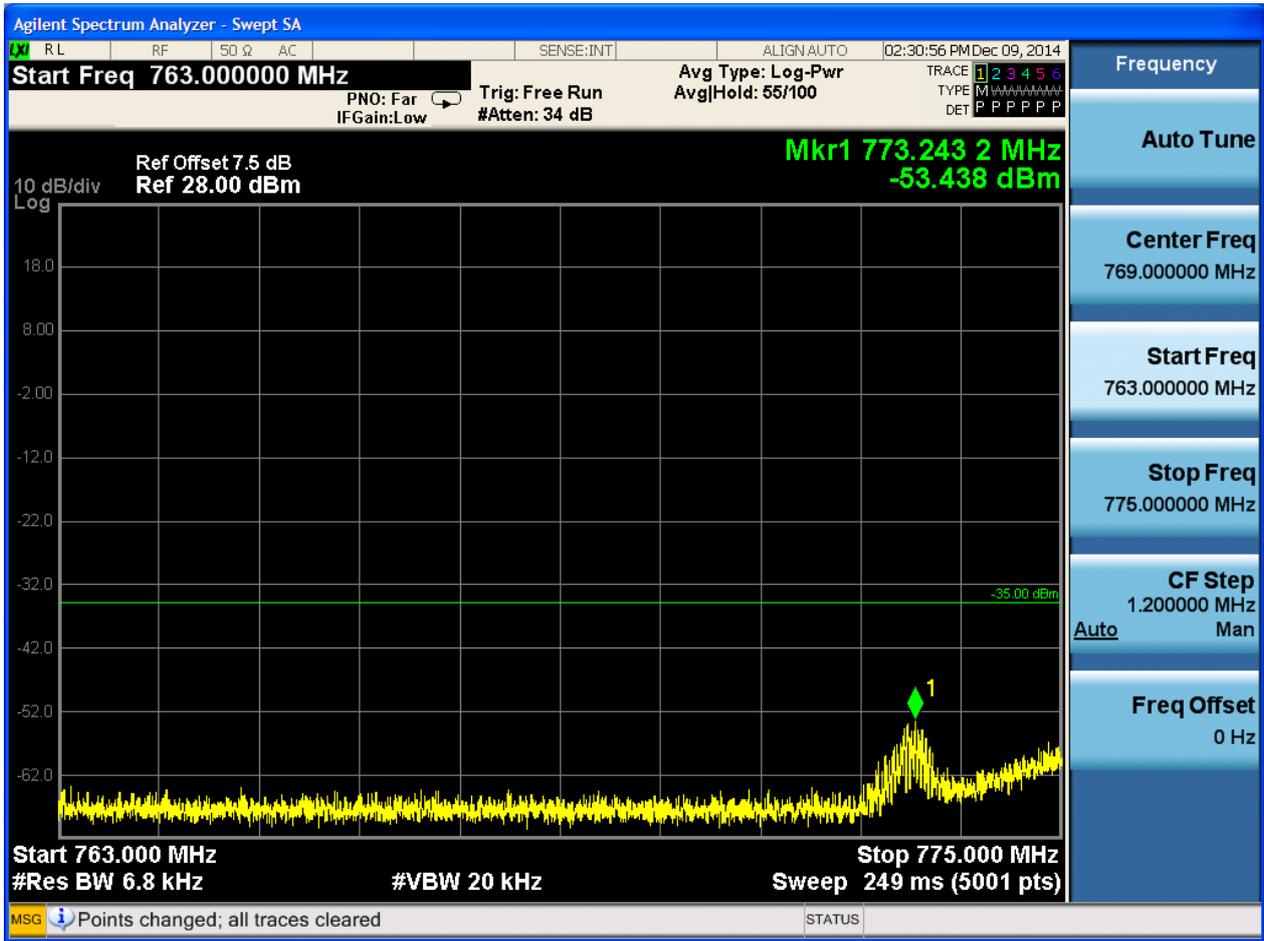
6.1.2.2.2.1 Test Channel = LCH

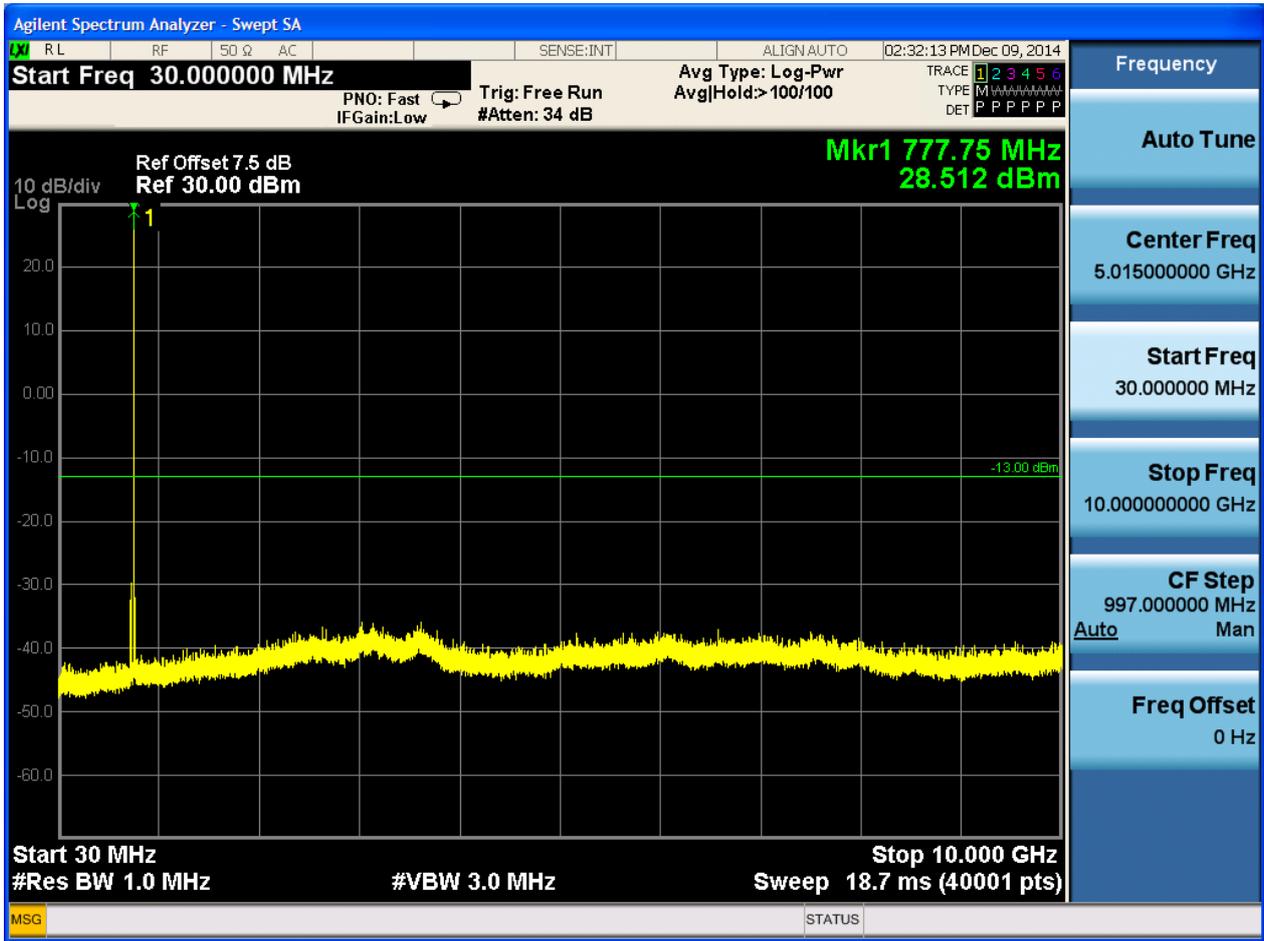
6.1.2.2.2.1.1 Test RB = RB1#0







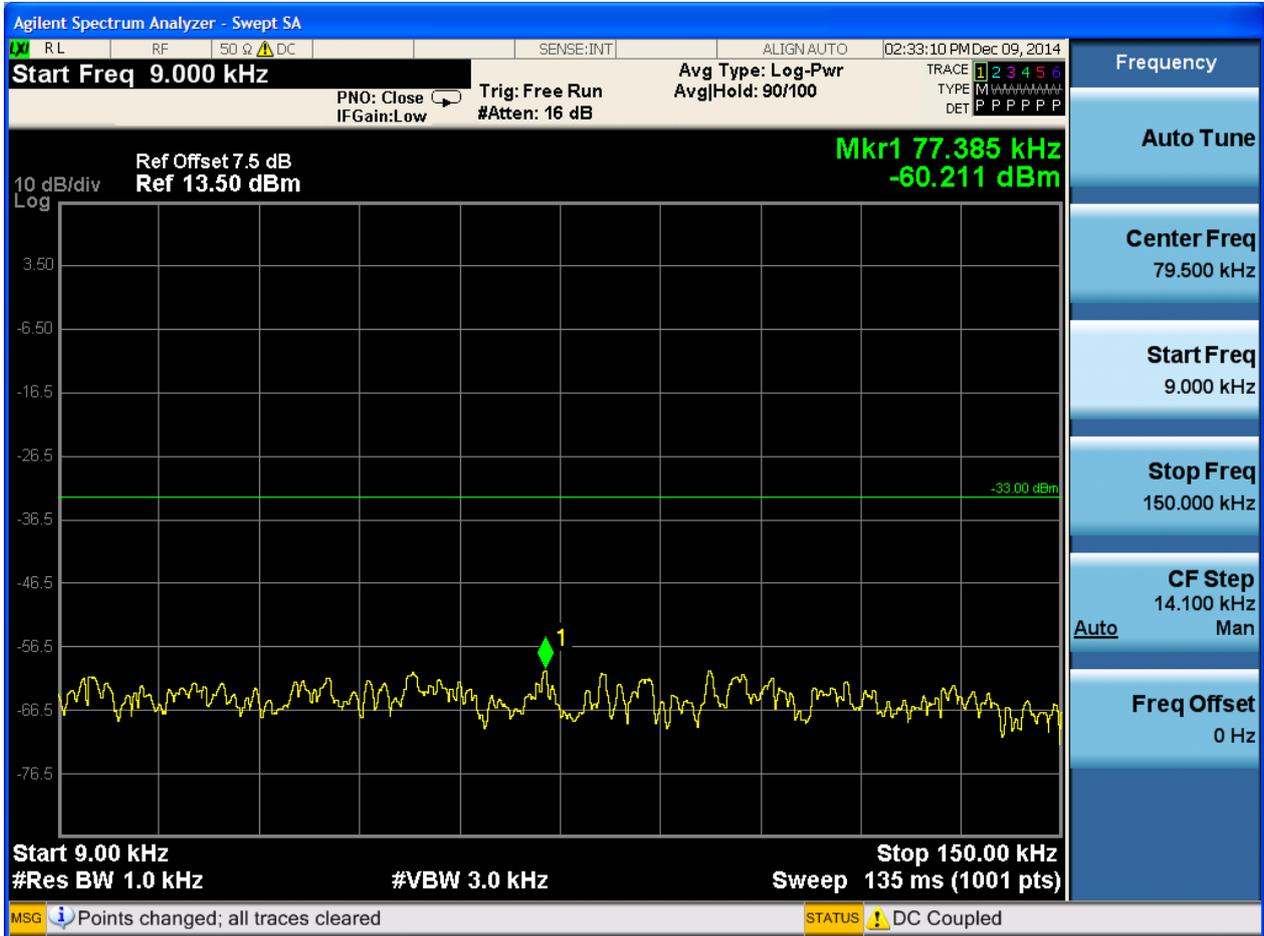


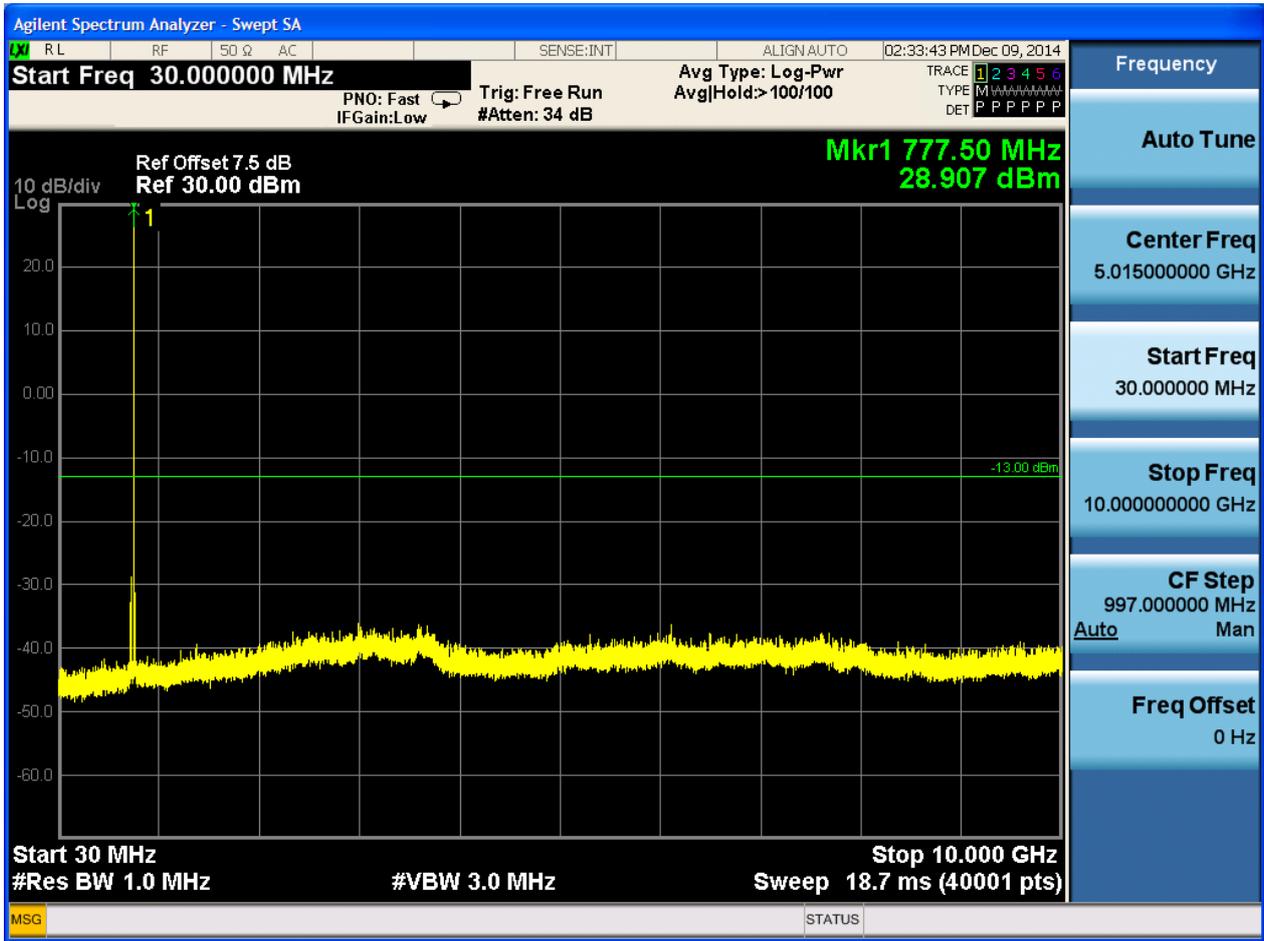


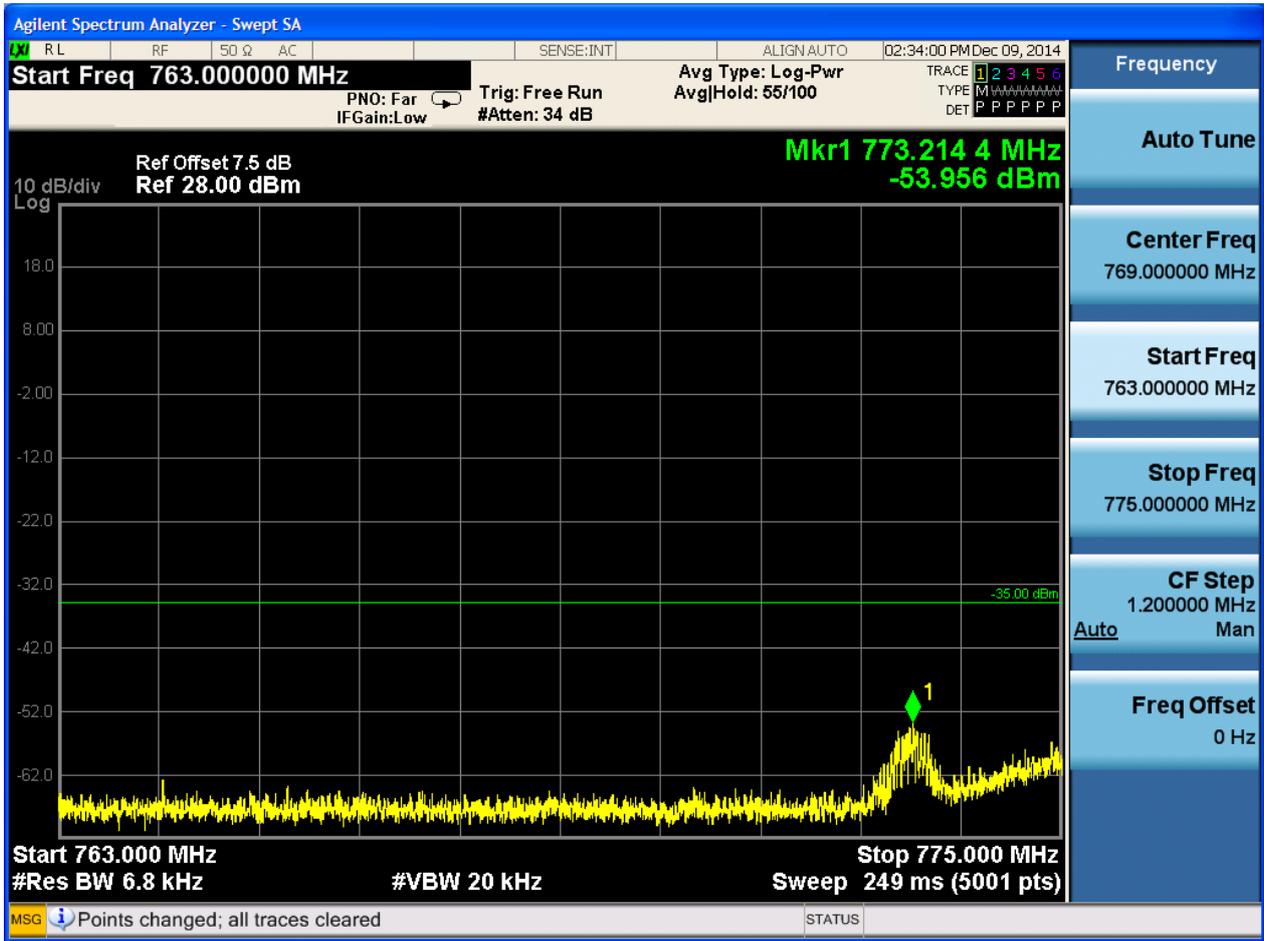


6.1.2.2.2.3 Test Channel = HCH

6.1.2.2.2.3.1 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

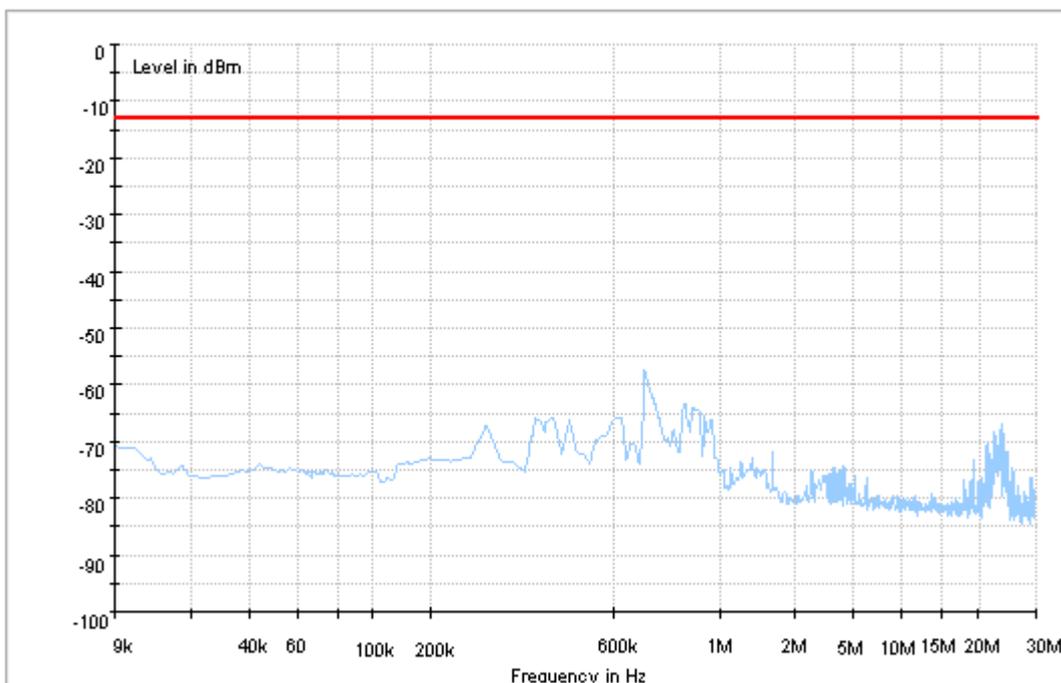
We tested all modes, but the data presented below is the worst case.

Part I - Test Plots

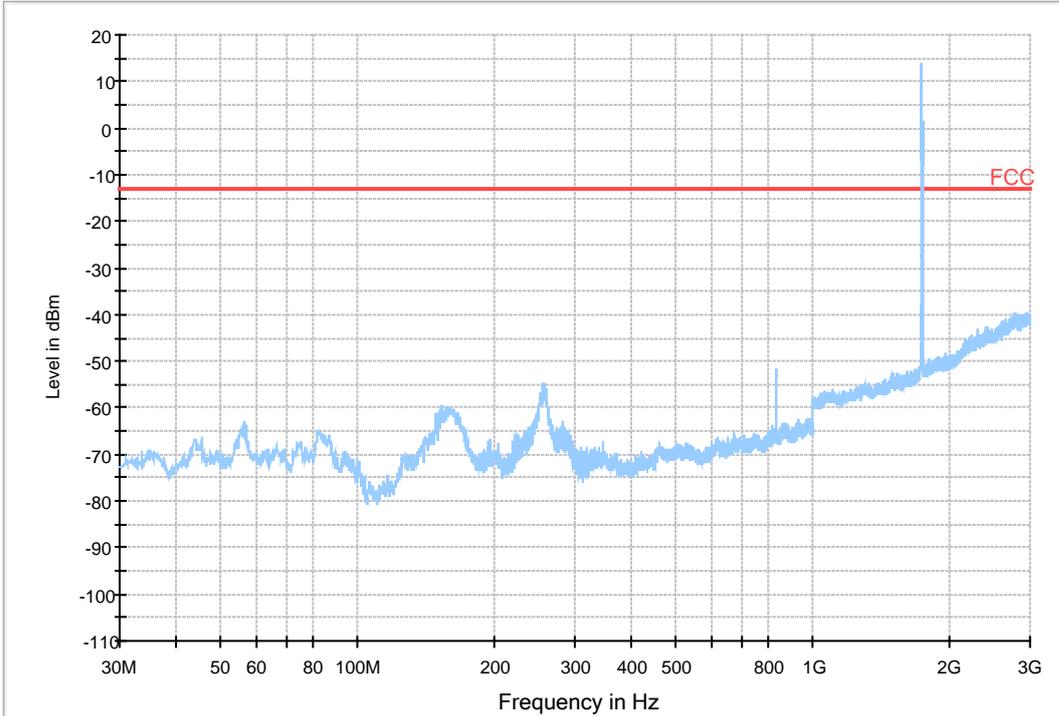
7.1 For LTE

7.1.1 Test Band = BAND4

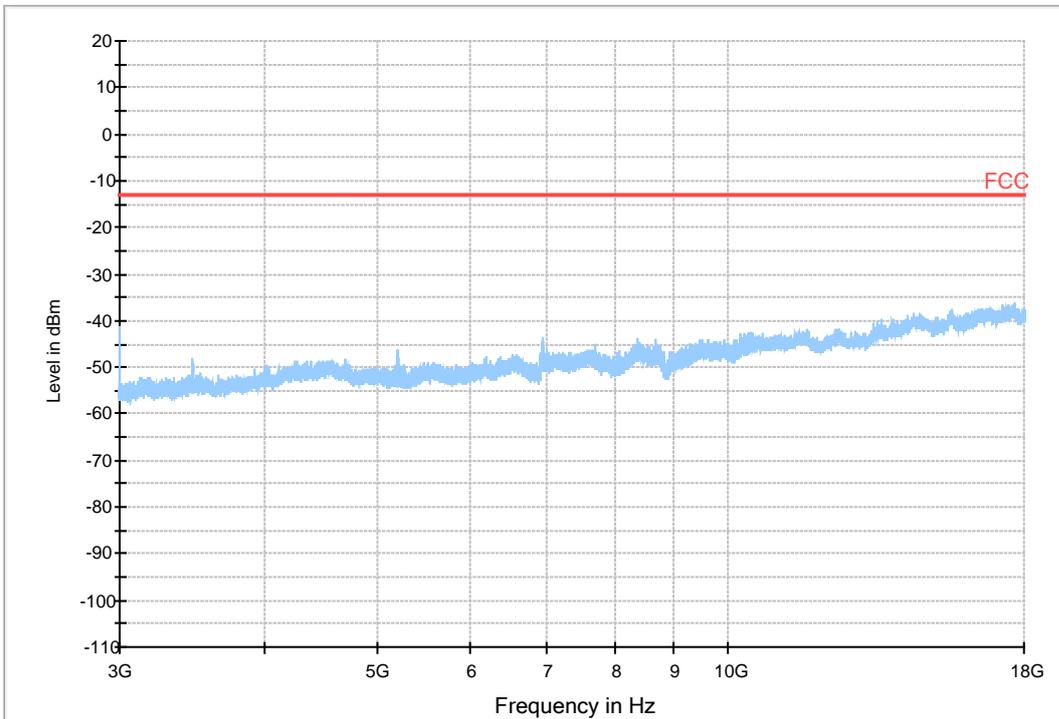
7.1.1.1 Test Bandwidth = 1.4

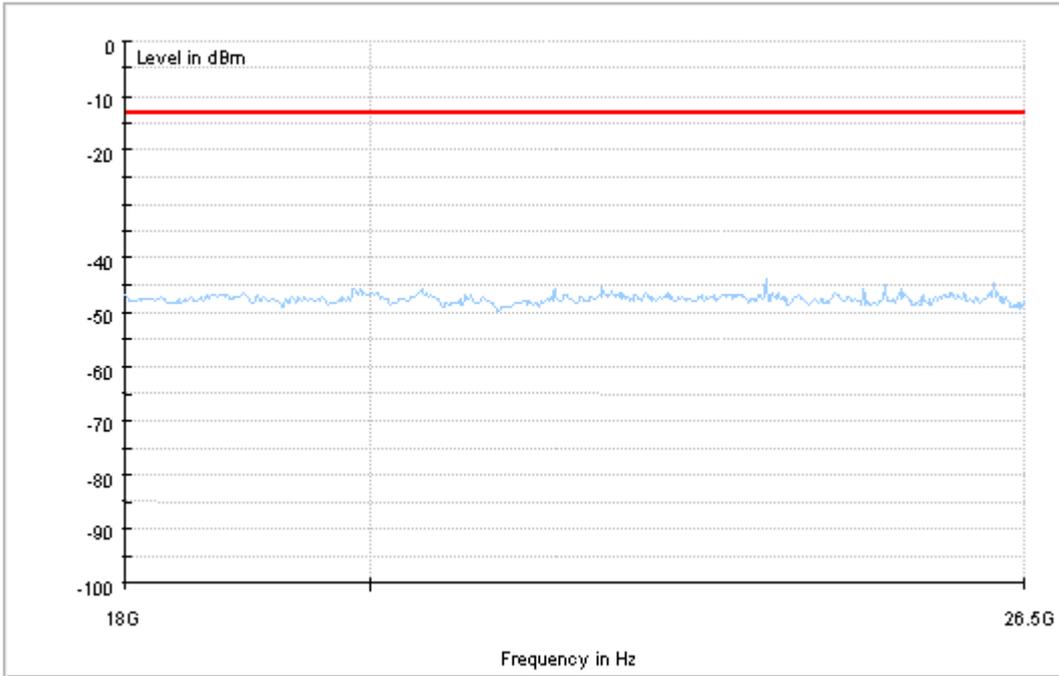


Copy of FCC PART27 LTE Band 4_L

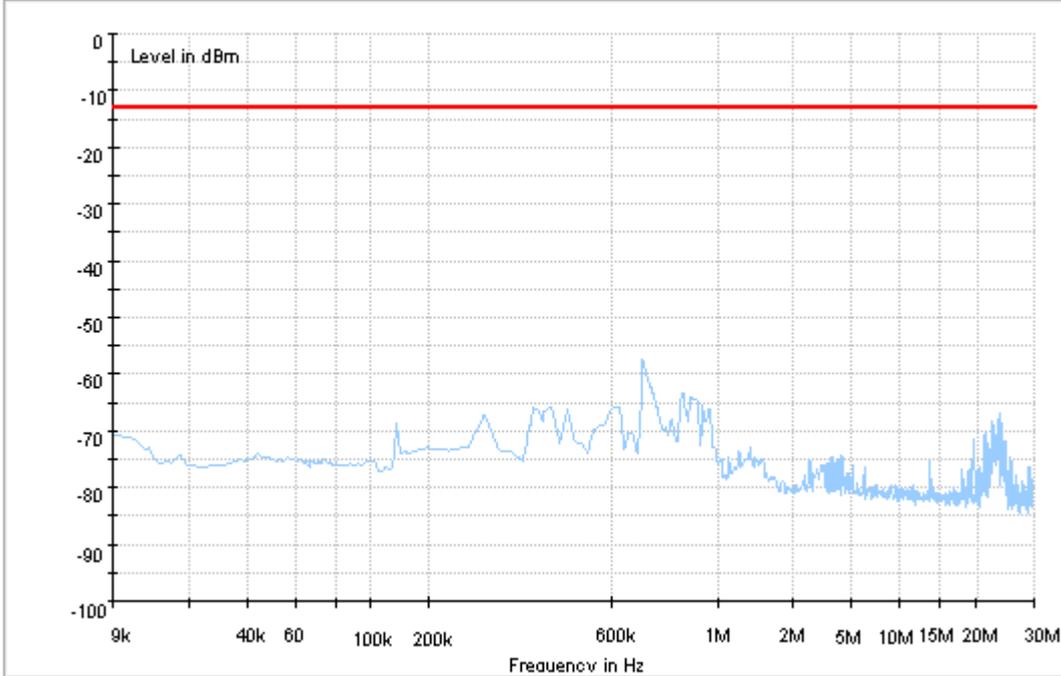


Copy of FCC PART27 LTE Band 4_H

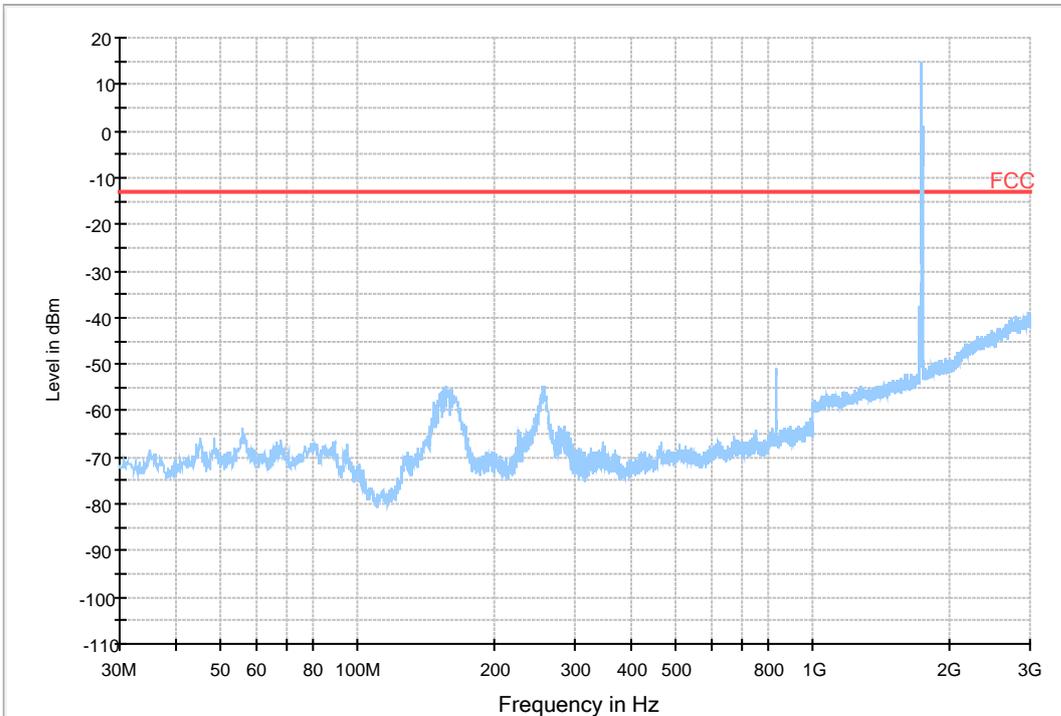




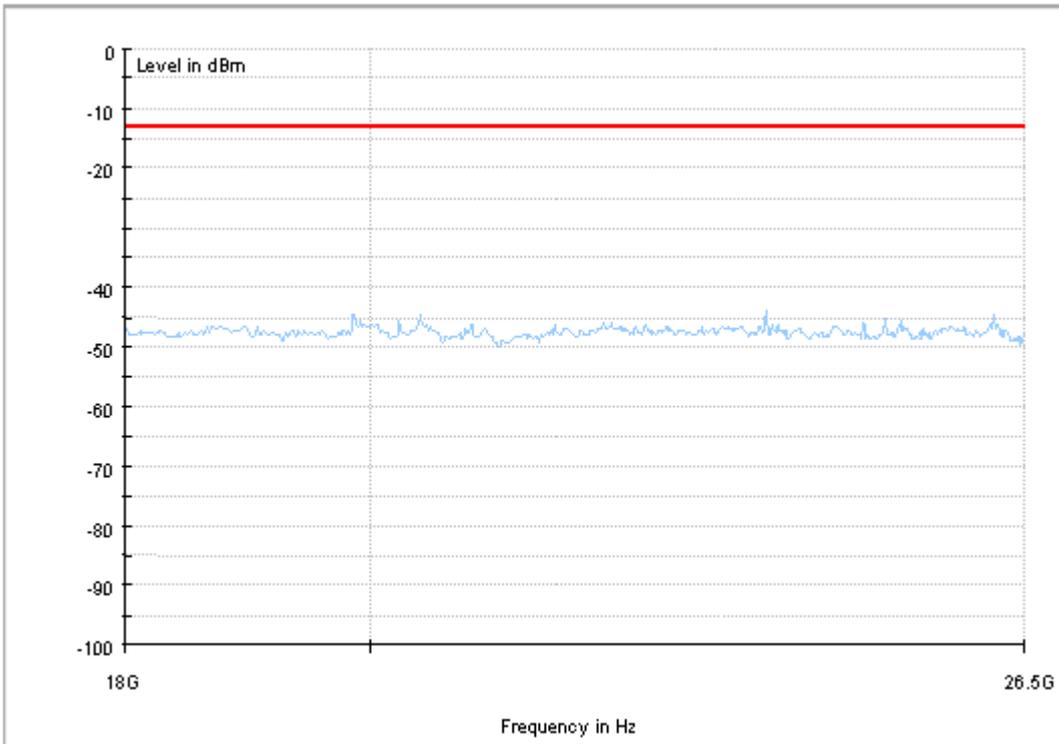
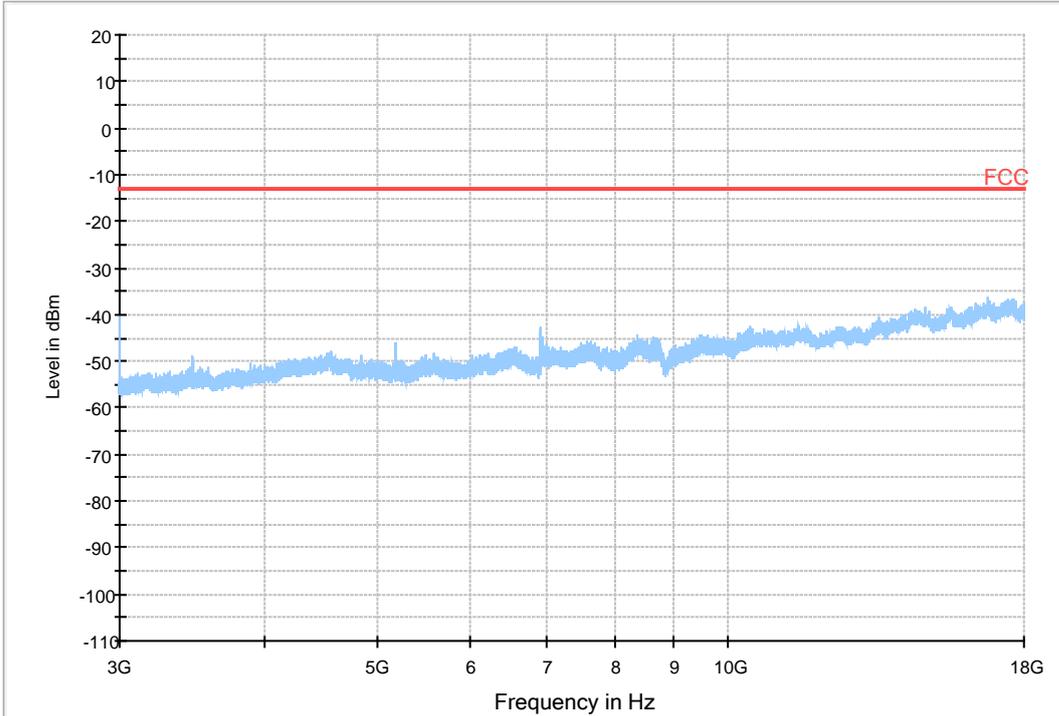
7.1.1.2 Test Bandwidth = 5



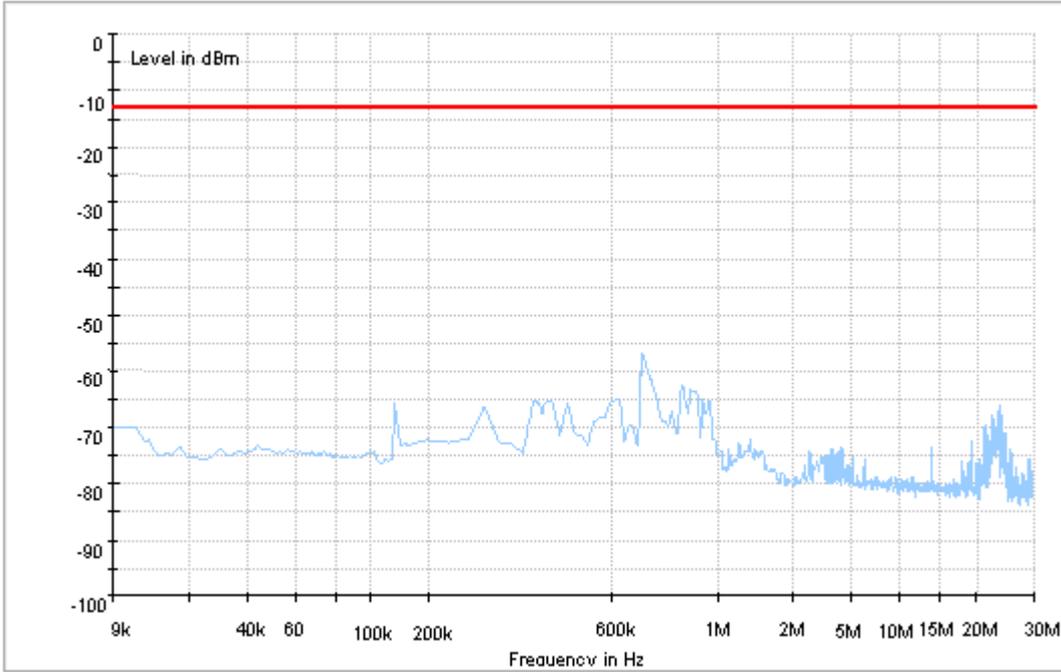
Copy of FCC PART27 LTE Band 4_L



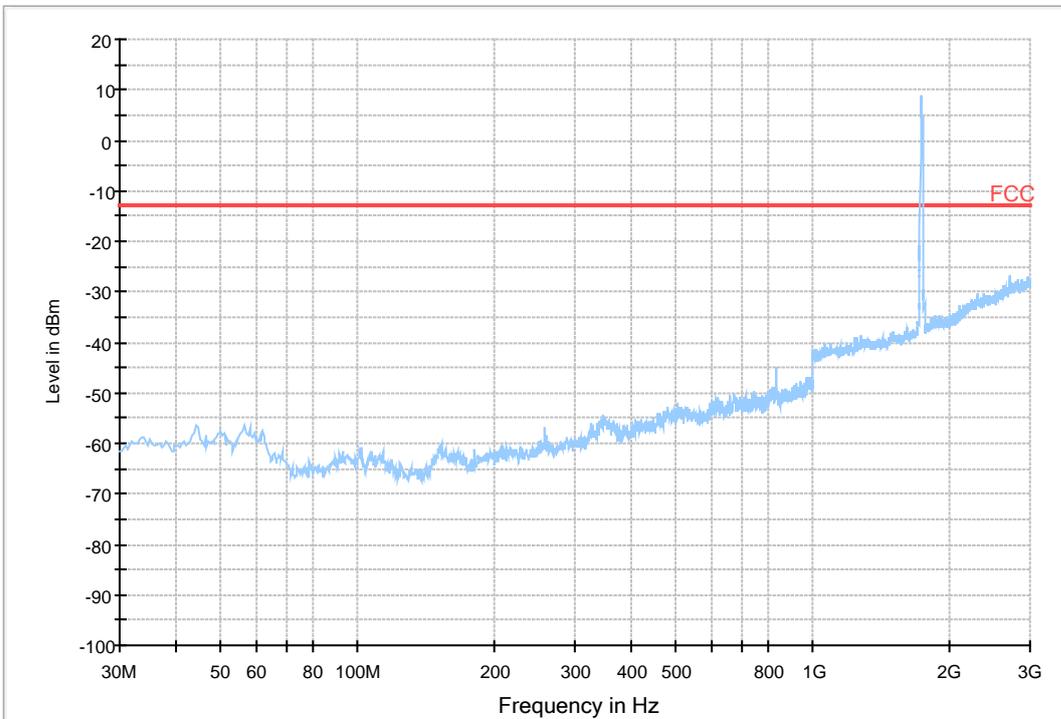
Copy of FCC PART27 LTE Band 4_H



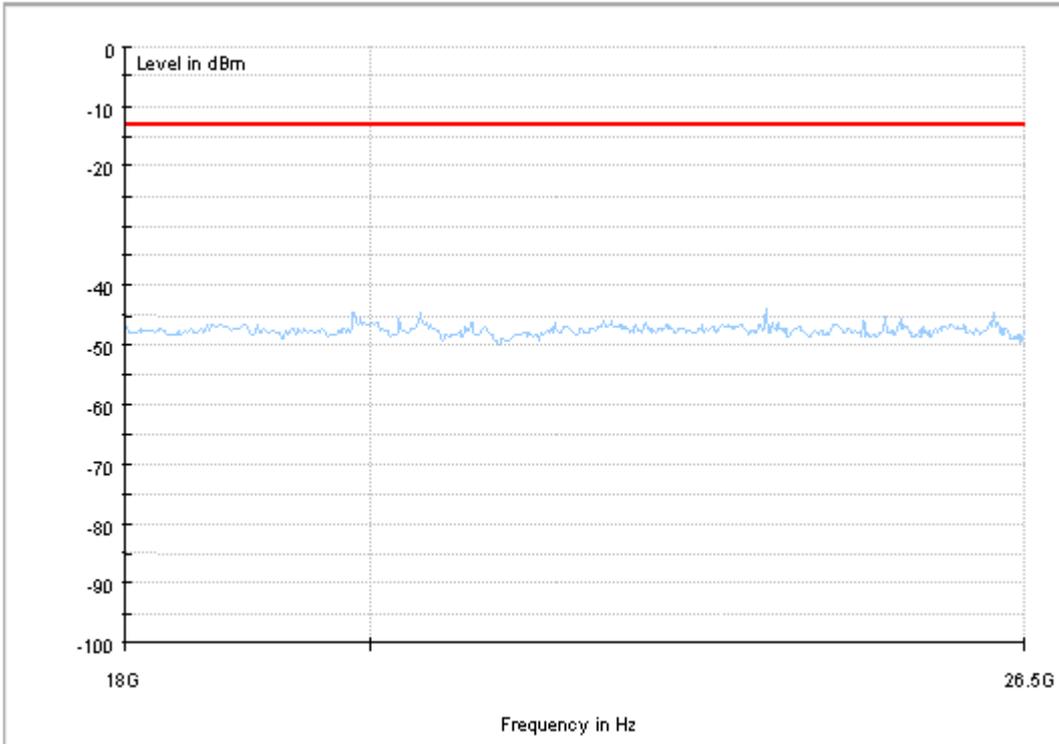
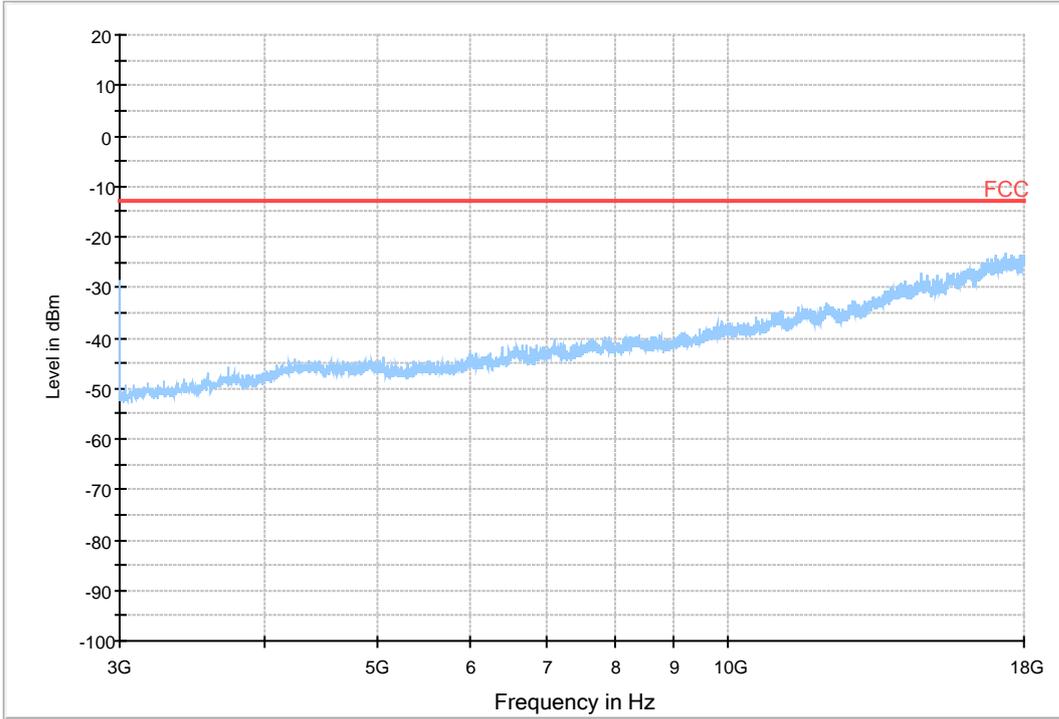
7.1.1.3 Test Bandwidth = 20



Copy of RSE-TX-DIRECTOR ABOVE 1.5G_L

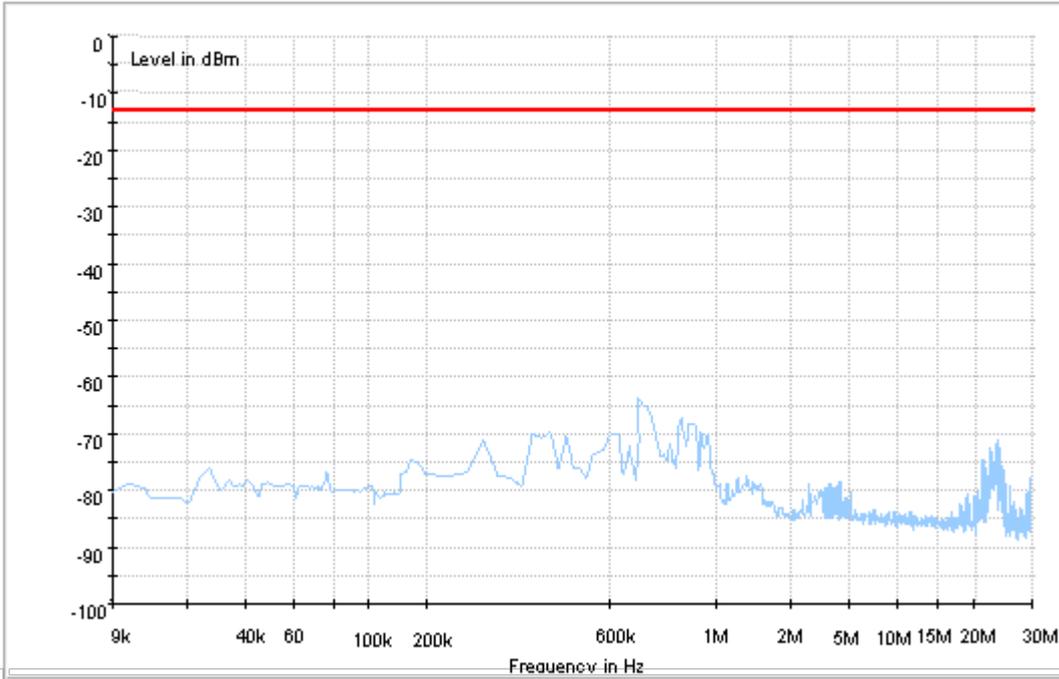


Copy of RSE-TX-DIRECTOR ABOVE 1.5G_H

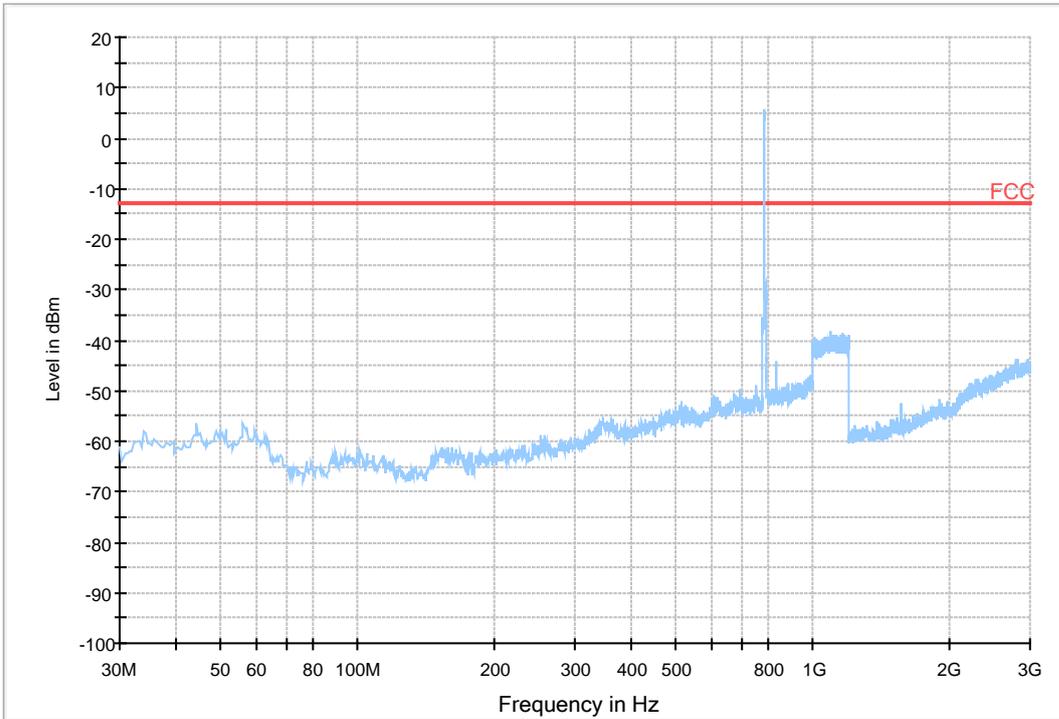


7.1.2 Test Band = BAND13

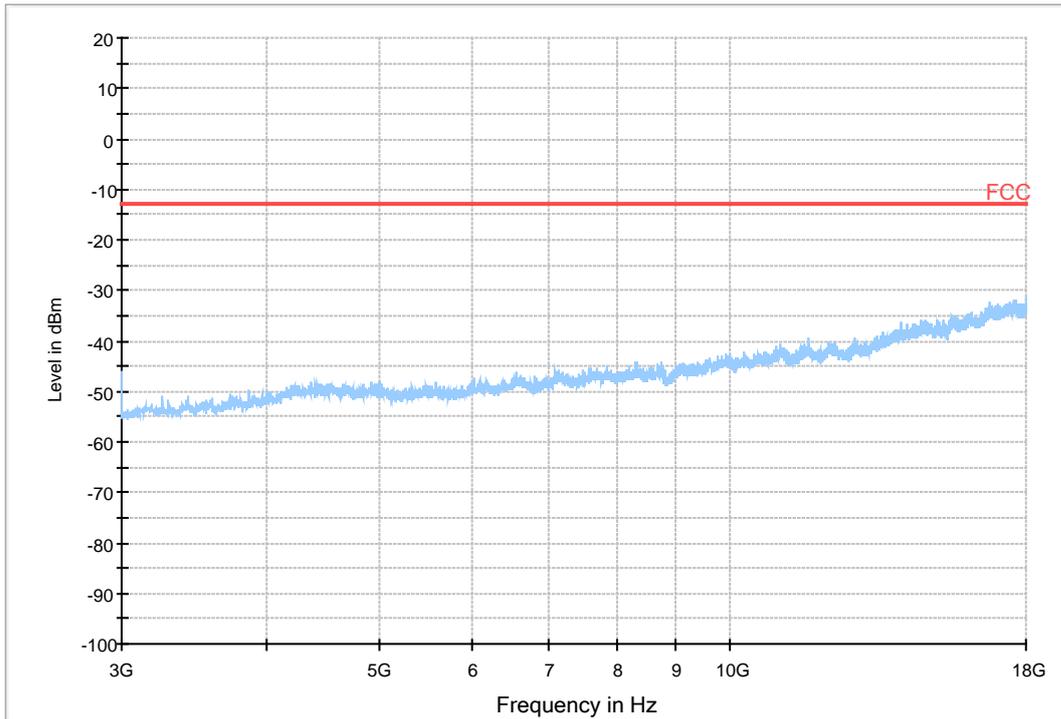
7.1.2.1 Test Bandwidth = 5



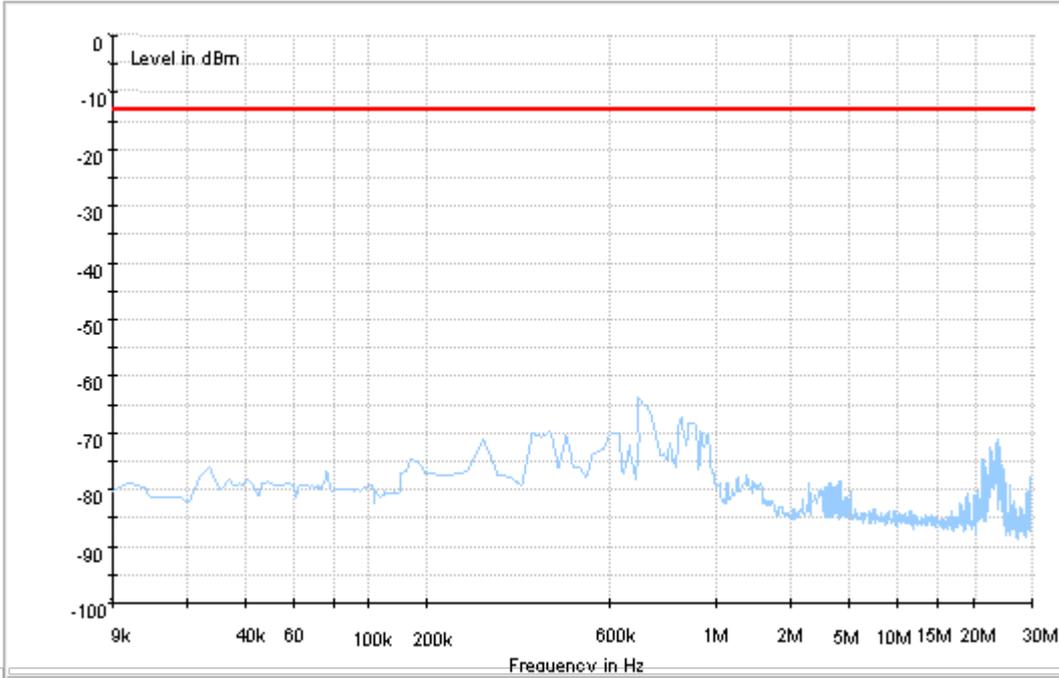
Copy of RSE-TX-DIRECTOR BELOW 1G_L



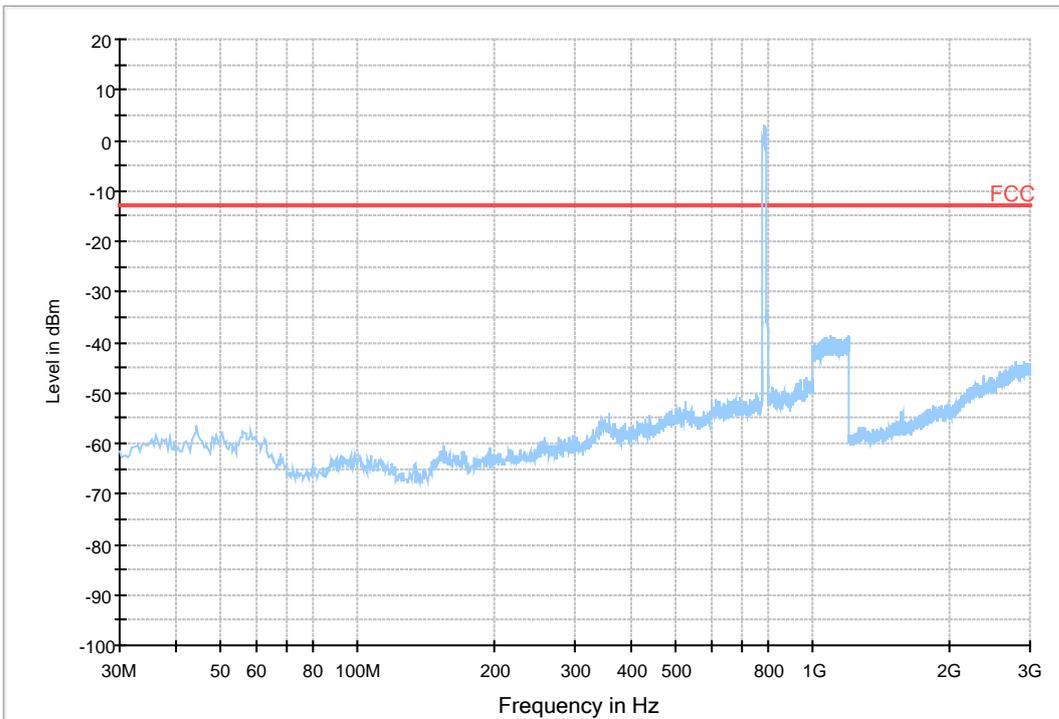
Copy of RSE-TX-DIRECTOR BELOW 1G_H



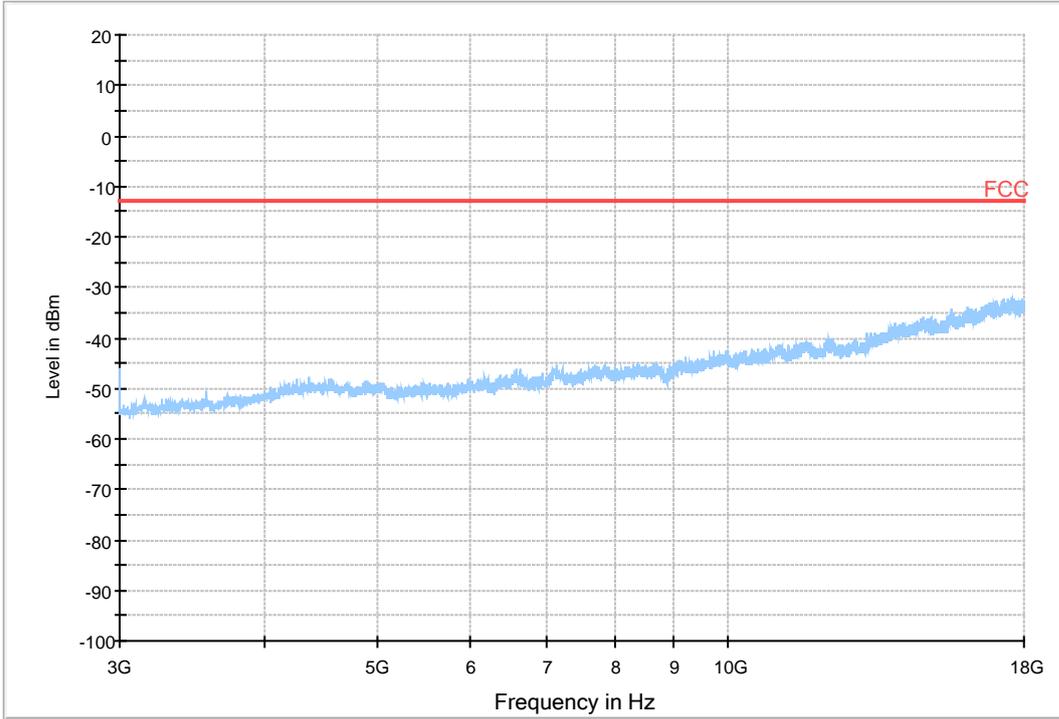
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND4	LTE/TM1	1.4	LCH	TN	VL	-5.72	-0.00334	PASS
					VN	-4.99	-0.00292	PASS
					VH	-6.81	-0.00398	PASS
			MCH	TN	VL	4.94	0.00285	PASS
					VN	0.37	0.00021	PASS
					VH	1.3	0.00075	PASS
			HCH	TN	VL	-3	-0.00171	PASS
					VN	-6.67	-0.0038	PASS
					VH	-6.39	-0.00364	PASS
		3	LCH	TN	VL	-1.23	-0.00072	PASS
					VN	1.65	0.00096	PASS
					VH	-3.5	-0.00204	PASS
			MCH	TN	VL	2.73	0.00158	PASS
					VN	4.08	0.00235	PASS
					VH	4.06	0.00234	PASS
			HCH	TN	VL	-5.58	-0.00318	PASS
					VN	-7.67	-0.00437	PASS
					VH	-4.84	-0.00276	PASS
		5	LCH	TN	VL	-1.66	-0.00097	PASS
					VN	-4.32	-0.00252	PASS
					VH	-1.92	-0.00112	PASS
			MCH	TN	VL	1.23	0.00071	PASS
					VN	0.1	0.00006	PASS
					VH	1.34	0.00077	PASS
			HCH	TN	VL	-4.55	-0.0026	PASS
					VN	-4.78	-0.00273	PASS
					VH	-4.09	-0.00233	PASS
		10	LCH	TN	VL	-0.26	-0.00015	PASS
					VN	2.37	0.00138	PASS
					VH	-0.72	-0.00042	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			MCH	TN	VL	3.55	0.00205	PASS	
					VN	0.54	0.00031	PASS	
					VH	5.62	0.00324	PASS	
			HCH	TN	VL	3.75	0.00214	PASS	
					VN	1.34	0.00077	PASS	
					VH	3.3	0.00189	PASS	
			15	LCH	TN	VL	-4.15	-0.00242	PASS
						VN	-5.74	-0.00334	PASS
						VH	-7.42	-0.00432	PASS
				MCH	TN	VL	2.83	0.00163	PASS
						VN	2.49	0.00144	PASS
						VH	-0.43	-0.00025	PASS
		HCH		TN	VL	-1.5	-0.00086	PASS	
					VN	-1.13	-0.00065	PASS	
					VH	-1.16	-0.00066	PASS	
		20	LCH	TN	VL	-0.73	-0.00042	PASS	
					VN	-0.13	-0.00008	PASS	
					VH	0.8	0.00047	PASS	
			MCH	TN	VL	-0.53	-0.00031	PASS	
					VN	-0.76	-0.00044	PASS	
					VH	2.99	0.00173	PASS	
			HCH	TN	VL	4.84	0.00277	PASS	
					VN	5.18	0.00297	PASS	
					VH	3.89	0.00223	PASS	
		LTE/TM2	1.4	LCH	TN	VL	-6.9	-0.00403	PASS
						VN	-7.93	-0.00464	PASS
						VH	-7.61	-0.00445	PASS
				MCH	TN	VL	1.73	0.001	PASS
						VN	1.96	0.00113	PASS
						VH	-0.31	-0.00018	PASS
			HCH	TN	VL	-2.52	-0.00144	PASS	
					VN	-3.05	-0.00174	PASS	
					VH	-3.32	-0.00189	PASS	
			3	LCH	TN	VL	-1.29	-0.00075	PASS
						VN	-1.42	-0.00083	PASS
						VH	-2.26	-0.00132	PASS
		MCH		TN	VL	-0.24	-0.00014	PASS	
					VN	0.09	0.00005	PASS	
					VH	1.39	0.0008	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5	HCH	TN	VL	-5.32	-0.00303	PASS
					VN	-10.01	-0.00571	PASS
					VH	-5.55	-0.00317	PASS
			LCH	TN	VL	-3.48	-0.00203	PASS
					VN	-5.35	-0.00312	PASS
					VH	-4.41	-0.00258	PASS
			MCH	TN	VL	0.39	0.00023	PASS
					VN	0.4	0.00023	PASS
					VH	2.1	0.00121	PASS
		HCH	TN	VL	-4.81	-0.00274	PASS	
				VN	-4.61	-0.00263	PASS	
				VH	-2.56	-0.00146	PASS	
		10	LCH	TN	VL	-0.84	-0.00049	PASS
					VN	-0.5	-0.00029	PASS
					VH	-1.47	-0.00086	PASS
			MCH	TN	VL	2.23	0.00129	PASS
					VN	-0.59	-0.00034	PASS
					VH	2.26	0.0013	PASS
			HCH	TN	VL	3.38	0.00193	PASS
					VN	3.36	0.00192	PASS
					VH	4.39	0.00251	PASS
		15	LCH	TN	VL	-6.38	-0.00371	PASS
					VN	-5.81	-0.00338	PASS
					VH	-6.72	-0.00391	PASS
			MCH	TN	VL	-0.67	-0.00039	PASS
					VN	1.37	0.00079	PASS
					VH	0.49	0.00028	PASS
			HCH	TN	VL	-3.16	-0.00181	PASS
					VN	-3.12	-0.00179	PASS
					VH	-1.29	-0.00074	PASS
		20	LCH	TN	VL	-1.19	-0.00069	PASS
					VN	0.23	0.00013	PASS
					VH	-1.6	-0.00093	PASS
			MCH	TN	VL	0.23	0.00013	PASS
					VN	1.43	0.00083	PASS
					VH	0.17	0.0001	PASS
			HCH	TN	VL	4.58	0.00262	PASS
					VN	2.75	0.00158	PASS
					VH	3.73	0.00214	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND13	LTE/TM1	5	LCH	TN	VL	-0.96	-0.00123	PASS
					VN	-0.63	-0.00081	PASS
					VH	-0.27	-0.00035	PASS
			MCH	TN	VL	0.43	0.00055	PASS
					VN	-0.09	-0.00012	PASS
					VH	-0.01	-0.00001	PASS
			HCH	TN	VL	-0.67	-0.00085	PASS
					VN	-1.23	-0.00157	PASS
					VH	-1.27	-0.00162	PASS
		10	LCH	TN	VL	0.86	0.0011	PASS
					VN	1.06	0.00136	PASS
					VH	0.77	0.00098	PASS
			MCH	TN	VL	0.46	0.00059	PASS
					VN	-0.89	-0.00114	PASS
					VH	1.62	0.00207	PASS
	HCH		TN	VL	-1.82	-0.00233	PASS	
				VN	-1.27	-0.00162	PASS	
				VH	-0.3	-0.00038	PASS	
	LTE/TM2	5	LCH	TN	VL	-1.29	-0.00165	PASS
					VN	0.03	0.00004	PASS
					VH	-1.17	-0.0015	PASS
			MCH	TN	VL	-0.59	-0.00075	PASS
					VN	-1.5	-0.00192	PASS
					VH	-0.01	-0.00001	PASS
			HCH	TN	VL	-1.69	-0.00215	PASS
					VN	-1.14	-0.00145	PASS
					VH	-2.16	-0.00275	PASS
		10	LCH	TN	VL	-0.27	-0.00035	PASS
					VN	-0.34	-0.00043	PASS
					VH	0.49	0.00063	PASS
MCH			TN	VL	0.66	0.00084	PASS	
				VN	-0.82	-0.00105	PASS	
				VH	0.31	0.0004	PASS	
HCH	TN	VL	0.99	0.00127	PASS			
		VN	0.41	0.00052	PASS			
		VH	1.53	0.00196	PASS			

8.1.2 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
BAND4	LTE/TM1	1.4	LCH	VN	-30	-5.84	-0.00341	PASS
					-20	-2.9	-0.0017	PASS
					-10	-4.82	-0.00282	PASS
					0	-4.09	-0.00239	PASS
					10	-4.41	-0.00258	PASS
					20	-4.55	-0.00266	PASS
					30	-4.08	-0.00238	PASS
					40	-3.63	-0.00212	PASS
					50	-3.99	-0.00233	PASS
			MCH	VN	-30	1.82	0.00105	PASS
					-20	2.57	0.00148	PASS
					-10	-0.29	-0.00017	PASS
					0	1.49	0.00086	PASS
					10	1.46	0.00084	PASS
					20	-0.67	-0.00039	PASS
					30	1.36	0.00078	PASS
					40	-0.16	-0.00009	PASS
					50	2.82	0.00163	PASS
		HCH	VN	-30	-5.29	-0.00302	PASS	
				-20	-6.34	-0.00361	PASS	
				-10	-6.25	-0.00356	PASS	
				0	-6.54	-0.00373	PASS	
				10	-5.35	-0.00305	PASS	
				20	-5.04	-0.00287	PASS	
				30	-5.85	-0.00333	PASS	
				40	-5.18	-0.00295	PASS	
				50	-4.82	-0.00275	PASS	
		3	LCH	VN	-30	-1.24	-0.00072	PASS
					-20	-0.37	-0.00022	PASS
					-10	-1.42	-0.00083	PASS
					0	-1.7	-0.00099	PASS
					10	-1.33	-0.00078	PASS
					20	-0.4	-0.00023	PASS
					30	-0.7	-0.00041	PASS
					40	-2.79	-0.00163	PASS
					50	-0.89	-0.00052	PASS
MCH	VN		-30	2.98	0.00172	PASS		
			-20	2.53	0.00146	PASS		
			-10	2.59	0.00149	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	0.27	0.00016	PASS		
					10	1.17	0.00068	PASS		
					20	2.03	0.00117	PASS		
					30	2.09	0.00121	PASS		
					40	3.62	0.00209	PASS		
					50	2.45	0.00141	PASS		
			HCH	VN	-30	-7.08	-0.00404	PASS		
					-20	-5.55	-0.00317	PASS		
					-10	-6.02	-0.00343	PASS		
					0	-6.77	-0.00386	PASS		
					10	-6.34	-0.00362	PASS		
					20	-6.17	-0.00352	PASS		
					30	-6.79	-0.00387	PASS		
					40	-6.61	-0.00377	PASS		
		5			LCH	VN	-30	-5.25	-0.00307	PASS
							-20	-4.63	-0.0027	PASS
							-10	-5.79	-0.00338	PASS
							0	-4.81	-0.00281	PASS
							10	-3.91	-0.00228	PASS
							20	-4.12	-0.00241	PASS
							30	-6.37	-0.00372	PASS
					40	-2.86	-0.00167	PASS		
					50	-3.45	-0.00201	PASS		
					MCH	VN	-30	2.27	0.00131	PASS
							-20	-1.69	-0.00098	PASS
							-10	0.36	0.00021	PASS
							0	-0.24	-0.00014	PASS
							10	-0.69	-0.0004	PASS
		20	0.5	0.00029			PASS			
		30	-0.84	-0.00048			PASS			
		40	0.96	0.00055	PASS					
		50	0.06	0.00003	PASS					
		HCH	VN	-30	-3.25	-0.00185	PASS			
				-20	-5.61	-0.0032	PASS			
				-10	-3.06	-0.00175	PASS			
				0	-2.78	-0.00159	PASS			
				10	-3.98	-0.00227	PASS			
				20	-2.89	-0.00165	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	-5.15	-0.00294	PASS			
					40	-4.58	-0.00261	PASS			
					50	-3.79	-0.00216	PASS			
					10	LCH	VN	-30	0.6	0.00035	PASS
								-20	1.26	0.00073	PASS
								-10	0.74	0.00043	PASS
		0	1.54	0.0009				PASS			
		10	0.07	0.00004				PASS			
		20	-0.29	-0.00017				PASS			
		30	0.16	0.00009				PASS			
		40	0	0				PASS			
		50	2.16	0.00126				PASS			
		10	MCH	VN				-30	1.04	0.0006	PASS
					-20	1.37	0.00079	PASS			
					-10	3.08	0.00178	PASS			
					0	1.66	0.00096	PASS			
					10	0.76	0.00044	PASS			
					20	0.97	0.00056	PASS			
					30	-1.42	-0.00082	PASS			
					40	1.22	0.0007	PASS			
					50	2.25	0.0013	PASS			
					10	HCH	VN	-30	1.27	0.00073	PASS
		-20	4.42	0.00253				PASS			
		-10	1.95	0.00111				PASS			
		0	3.99	0.00228				PASS			
		10	4.53	0.00259				PASS			
		20	3.85	0.0022				PASS			
		30	6.22	0.00355				PASS			
		40	1.44	0.00082				PASS			
		15	LCH	VN	50	6.21	0.00355	PASS			
					-30	-6.79	-0.00395	PASS			
					-20	-7	-0.00408	PASS			
					-10	-5.75	-0.00335	PASS			
					0	-5.24	-0.00305	PASS			
					10	-6.22	-0.00362	PASS			
					20	-4.88	-0.00284	PASS			
					30	-5.24	-0.00305	PASS			
					40	-5.84	-0.0034	PASS			
					50	-6.25	-0.00364	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	0.46	0.00027	PASS
					-20	1.4	0.00081	PASS
					-10	-0.37	-0.00021	PASS
					0	2.32	0.00134	PASS
					10	1.54	0.00089	PASS
					20	0.72	0.00042	PASS
					30	2.12	0.00122	PASS
					40	3.75	0.00216	PASS
					50	3.19	0.00184	PASS
			HCH	VN	-30	0.8	0.00046	PASS
					-20	0.07	0.00004	PASS
					-10	-1.67	-0.00096	PASS
					0	0.97	0.00056	PASS
					10	0.04	0.00002	PASS
					20	0.04	0.00002	PASS
					30	-1.3	-0.00074	PASS
					40	-3.63	-0.00208	PASS
					50	-4.45	-0.00255	PASS
		20	LCH	VN	-30	-0.07	-0.00004	PASS
					-20	1.89	0.0011	PASS
					-10	1.03	0.0006	PASS
					0	-3.09	-0.0018	PASS
					10	-0.94	-0.00055	PASS
					20	-0.27	-0.00016	PASS
					30	1.5	0.00087	PASS
					40	-1.73	-0.00101	PASS
					50	-0.69	-0.0004	PASS
			MCH	VN	-30	3.23	0.00186	PASS
					-20	3.28	0.00189	PASS
					-10	3.86	0.00223	PASS
					0	2.92	0.00169	PASS
					10	4.41	0.00255	PASS
					20	1.99	0.00115	PASS
					30	0.93	0.00054	PASS
					40	0.43	0.00025	PASS
					50	3.65	0.00211	PASS
		HCH	VN	-30	4.95	0.00284	PASS	
				-20	3.5	0.00201	PASS	
				-10	2.9	0.00166	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	6.09	0.00349	PASS		
					10	4.06	0.00233	PASS		
					20	6.04	0.00346	PASS		
					30	5.82	0.00334	PASS		
					40	4.26	0.00244	PASS		
					50	6.08	0.00348	PASS		
	LTE/TM2	1.4	LCH	VN	-30	-5.75	-0.00336	PASS		
					-20	-8	-0.00468	PASS		
					-10	-11.17	-0.00653	PASS		
					0	-4.43	-0.00259	PASS		
					10	-7.32	-0.00428	PASS		
					20	-8.55	-0.005	PASS		
					30	-7.22	-0.00422	PASS		
					40	-6.19	-0.00362	PASS		
					50	-7.32	-0.00428	PASS		
					MCH	VN	-30	0.83	0.00048	PASS
							-20	-0.04	-0.00002	PASS
							-10	0.2	0.00012	PASS
							0	-2.92	-0.00169	PASS
							10	-0.14	-0.00008	PASS
		20	0.69	0.0004			PASS			
		30	2.95	0.0017			PASS			
		40	1.7	0.00098			PASS			
		HCH	VN	-30	-3.43	-0.00196	PASS			
				-20	-3.86	-0.0022	PASS			
				-10	-3.19	-0.00182	PASS			
				0	-1.89	-0.00108	PASS			
				10	-1.34	-0.00076	PASS			
				20	-4.35	-0.00248	PASS			
		3	LCH	VN	-30	-2.93	-0.00171	PASS		
-20	-1.27				-0.00074	PASS				
-10	-3.05				-0.00178	PASS				
0	-3.93				-0.0023	PASS				
10	-2.62				-0.00153	PASS				
20	-3.42				-0.002	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					30	-3.99	-0.00233	PASS	
					40	-2.37	-0.00138	PASS	
					50	0.9	0.00053	PASS	
			MCH	VN	-30	2.37	0.00137	PASS	
					-20	3.33	0.00192	PASS	
					-10	1.22	0.0007	PASS	
					0	1.86	0.00107	PASS	
					10	3.38	0.00195	PASS	
					20	2.79	0.00161	PASS	
					30	2.1	0.00121	PASS	
					40	1.24	0.00072	PASS	
					50	5.55	0.0032	PASS	
					HCH	VN	-30	-7.8	-0.00445
			-20	-6.42			-0.00366	PASS	
			-10	-6.09			-0.00347	PASS	
			0	-5.49			-0.00313	PASS	
			10	-6.9			-0.00393	PASS	
			20	-8.13			-0.00464	PASS	
		30	-6.17	-0.00352			PASS		
		5		LCH	VN	-30	-3.36	-0.00196	PASS
						-20	-5.69	-0.00332	PASS
						-10	-5.76	-0.00336	PASS
						0	-5.22	-0.00305	PASS
						10	-5.19	-0.00303	PASS
						20	-3.83	-0.00224	PASS
						30	-4.05	-0.00236	PASS
						40	-5.19	-0.00303	PASS
						50	-7.45	-0.00435	PASS
				MCH	VN	-30	3.53	0.00204	PASS
						-20	3.93	0.00227	PASS
						-10	3.2	0.00185	PASS
						0	2.73	0.00158	PASS
						10	1.02	0.00059	PASS
20	3.35					0.00193	PASS		
30	1.72	0.00099	PASS						
40	4.23	0.00244	PASS						
50	1.47	0.00085	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	-30	-3.58	-0.00204	PASS
					-20	-0.67	-0.00038	PASS
					-10	-3.03	-0.00173	PASS
					0	-4.28	-0.00244	PASS
					10	-3.4	-0.00194	PASS
					20	-2.72	-0.00155	PASS
					30	-2.6	-0.00148	PASS
					40	-3.73	-0.00213	PASS
					50	-3.1	-0.00177	PASS
		10	LCH	VN	-30	0.66	0.00038	PASS
					-20	-1.06	-0.00062	PASS
					-10	-0.1	-0.00006	PASS
					0	2.82	0.00164	PASS
					10	0.62	0.00036	PASS
					20	0.41	0.00024	PASS
					30	0.37	0.00022	PASS
					40	-1.77	-0.00103	PASS
					50	-1.14	-0.00066	PASS
			MCH	VN	-30	0.43	0.00025	PASS
					-20	3.36	0.00194	PASS
					-10	1.93	0.00111	PASS
					0	-0.37	-0.00021	PASS
					10	0.06	0.00003	PASS
					20	1.49	0.00086	PASS
					30	3.81	0.0022	PASS
					40	-1.96	-0.00113	PASS
					50	-1.5	-0.00087	PASS
		HCH	VN	-30	2.07	0.00118	PASS	
				-20	2.45	0.0014	PASS	
				-10	2.85	0.00163	PASS	
				0	1.95	0.00111	PASS	
				10	3.18	0.00182	PASS	
				20	3.35	0.00191	PASS	
				30	2.07	0.00118	PASS	
				40	4.28	0.00245	PASS	
				50	4.59	0.00262	PASS	
		15	LCH	VN	-30	-4.98	-0.0029	PASS
					-20	-3.42	-0.00199	PASS
					-10	-4.38	-0.00255	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict					
					0	-4.32	-0.00252	PASS					
					10	-4.88	-0.00284	PASS					
					20	-4.73	-0.00275	PASS					
					30	-5.82	-0.00339	PASS					
					40	-6.42	-0.00374	PASS					
					50	-6.22	-0.00362	PASS					
			MCH	VN				-30	1.76	0.00102	PASS		
								-20	2.89	0.00167	PASS		
								-10	0.44	0.00025	PASS		
								0	1.17	0.00068	PASS		
								10	-0.01	-0.00001	PASS		
								20	1.14	0.00066	PASS		
								30	0.16	0.00009	PASS		
								40	0.84	0.00048	PASS		
			HCH	VN				50	2.33	0.00134	PASS		
								-30	-1.42	-0.00081	PASS		
								-20	-1.46	-0.00084	PASS		
								-10	-2.09	-0.0012	PASS		
								0	-2.2	-0.00126	PASS		
								10	-2.59	-0.00148	PASS		
								20	-1.32	-0.00076	PASS		
		30						-2.23	-0.00128	PASS			
		20			LCH	VN	40	-2.05	-0.00117	PASS			
							50	-2.42	-0.00138	PASS			
							-30	0.06	0.00003	PASS			
							-20	1.3	0.00076	PASS			
							-10	-2.27	-0.00132	PASS			
					MCH	VN				0	-1.17	-0.00068	PASS
										10	0.07	0.00004	PASS
										20	-0.64	-0.00037	PASS
										30	-1.2	-0.0007	PASS
										40	-1.27	-0.00074	PASS
							50	0.87	0.00051	PASS			
							-30	2.13	0.00123	PASS			
							-20	2.7	0.00156	PASS			
							-10	2.4	0.00139	PASS			
							0	3.81	0.0022	PASS			
							10	3.2	0.00185	PASS			
		20	2.89	0.00167	PASS								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict					
					30	-0.47	-0.00027	PASS					
					40	-0.01	-0.00001	PASS					
					50	3.15	0.00182	PASS					
			HCH	VN	-30	4.63	0.00265	PASS					
					-20	3.83	0.00219	PASS					
					-10	3.75	0.00215	PASS					
					0	3.43	0.00197	PASS					
					10	3.59	0.00206	PASS					
					20	3.5	0.00201	PASS					
					30	4.36	0.0025	PASS					
					40	6.31	0.00362	PASS					
					50	4.12	0.00236	PASS					
					BAND13	LTE/TM1	5	LCH	VN	-30	-0.1	-0.00013	PASS
										-20	-2.06	-0.00264	PASS
-10	-2.83	-0.00363	PASS										
0	-2.19	-0.00281	PASS										
10	-0.79	-0.00101	PASS										
20	-1.23	-0.00158	PASS										
30	-1.97	-0.00253	PASS										
40	-0.49	-0.00063	PASS										
50	-0.89	-0.00114	PASS										
MCH	VN	-30	-0.27	-0.00035				PASS					
		-20	-0.69	-0.00088				PASS					
		-10	-1.23	-0.00157				PASS					
		0	-0.93	-0.00119				PASS					
		10	0.46	0.00059				PASS					
		20	0.09	0.00012				PASS					
		30	-0.99	-0.00127				PASS					
40	-0.96	-0.00123	PASS										
50	-0.51	-0.00065	PASS										
HCH	VN	-30	-1.54	-0.00196				PASS					
		-20	-1.44	-0.00184				PASS					
		-10	-1.03	-0.00131				PASS					
		0	0.04	0.00005				PASS					
		10	-2.8	-0.00357				PASS					
		20	-2.72	-0.00347				PASS					
		30	-2.29	-0.00292	PASS								
		40	-1.43	-0.00182	PASS								
50	-0.43	-0.00055	PASS										

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	LCH	VN	-30	-0.27	-0.00035	PASS
					-20	-0.23	-0.00029	PASS
					-10	-0.59	-0.00075	PASS
					0	-1.33	-0.0017	PASS
					10	-0.59	-0.00075	PASS
					20	-0.13	-0.00017	PASS
					30	1.89	0.00242	PASS
					40	0.57	0.00073	PASS
					50	1.1	0.00141	PASS
			MCH	VN	-30	-0.76	-0.00097	PASS
					-20	0.01	0.00001	PASS
					-10	1.5	0.00192	PASS
					0	0.44	0.00056	PASS
					10	-0.63	-0.00081	PASS
					20	-0.53	-0.00068	PASS
					30	1.44	0.00184	PASS
					40	0.1	0.00013	PASS
					50	-0.16	-0.0002	PASS
			HCH	VN	-30	-0.37	-0.00047	PASS
					-20	0.09	0.00012	PASS
					-10	-1.34	-0.00171	PASS
					0	0.31	0.0004	PASS
					10	-0.26	-0.00033	PASS
					20	-0.47	-0.0006	PASS
	30	-0.14			-0.00018	PASS		
	40	0.54			0.00069	PASS		
	50	-0.29			-0.00037	PASS		
	LTE/TM2	5	LCH	VN	-30	-0.93	-0.00119	PASS
					-20	-1.23	-0.00158	PASS
					-10	-1.86	-0.00239	PASS
					0	-0.73	-0.00094	PASS
					10	-1.73	-0.00222	PASS
					20	-1.32	-0.00169	PASS
					30	-0.9	-0.00115	PASS
					40	-1.99	-0.00255	PASS
					50	-0.76	-0.00097	PASS
MCH			VN	-30	-1.66	-0.00212	PASS	
				-20	-1.43	-0.00183	PASS	
				-10	-0.2	-0.00026	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	0.34	0.00043	PASS		
					10	0.82	0.00105	PASS		
					20	-0.03	-0.00004	PASS		
					30	1.95	0.00249	PASS		
					40	-0.39	-0.0005	PASS		
					50	-1.03	-0.00132	PASS		
			HCH	VN	-30	-2.72	-0.00347	PASS		
					-20	-1.33	-0.0017	PASS		
					-10	-3.08	-0.00393	PASS		
					0	-4.38	-0.00558	PASS		
					10	-2.93	-0.00373	PASS		
					20	-0.2	-0.00025	PASS		
					30	-0.27	-0.00034	PASS		
					40	0.27	0.00034	PASS		
		LCH	VN	50	-0.99	-0.00126	PASS			
				-30	-1.62	-0.00207	PASS			
				-20	1.02	0.0013	PASS			
				-10	0.89	0.00114	PASS			
				0	1.02	0.0013	PASS			
				10	-0.99	-0.00127	PASS			
				20	0.5	0.00064	PASS			
				30	-0.01	-0.00001	PASS			
				40	-2	-0.00256	PASS			
				50	-1.46	-0.00187	PASS			
		MCH	VN	-30	1.26	0.00161	PASS			
				-20	-0.17	-0.00022	PASS			
				-10	-0.83	-0.00106	PASS			
				0	1.46	0.00187	PASS			
				10	-0.1	-0.00013	PASS			
				20	1.37	0.00175	PASS			
				30	0.41	0.00052	PASS			
				40	0.67	0.00086	PASS			
		HCH	VN	50	1.69	0.00216	PASS			
				-30	-0.44	-0.00056	PASS			
				-20	1.56	0.00199	PASS			
				-10	0.64	0.00082	PASS			
				0	0.34	0.00043	PASS			
				10	-0.26	-0.00033	PASS			
							20	1	0.00128	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	0.39	0.0005	PASS
					40	0.82	0.00105	PASS
					50	0.36	0.00046	PASS



END