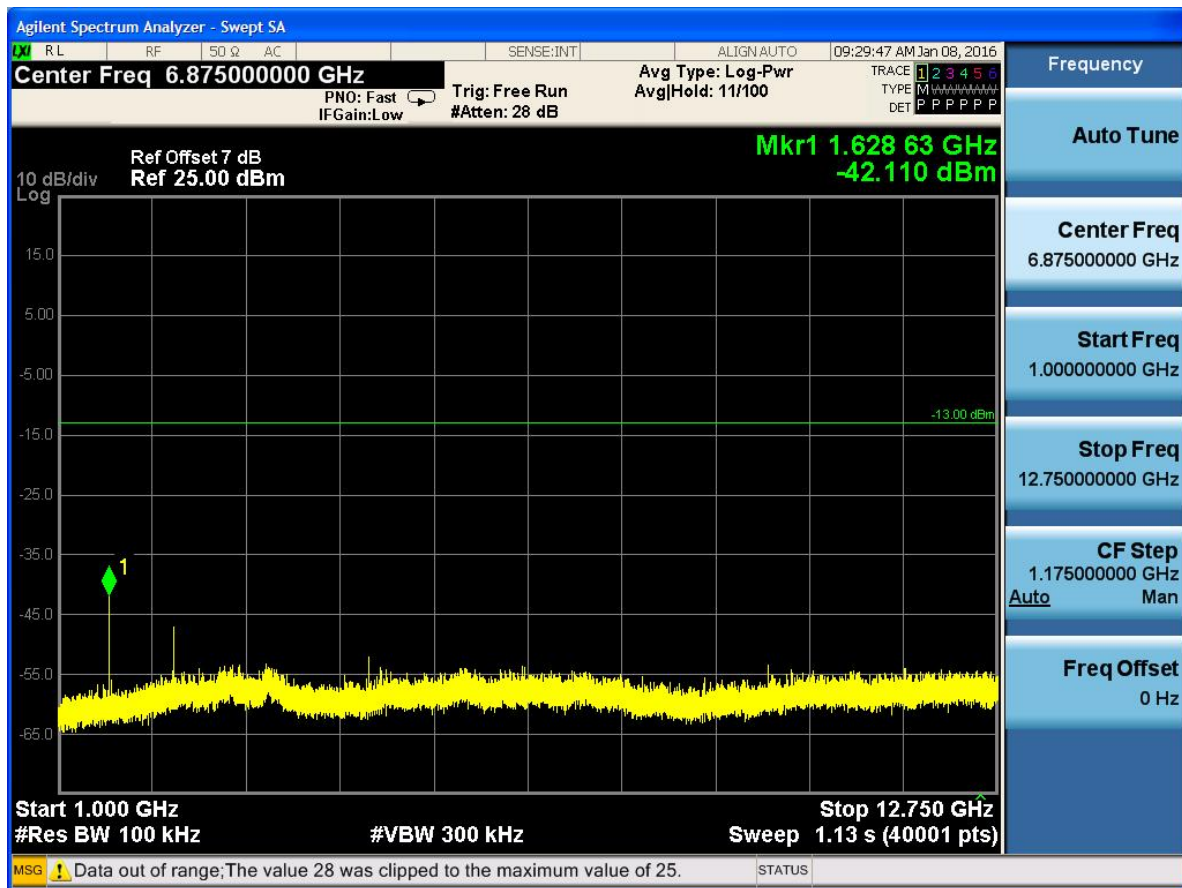
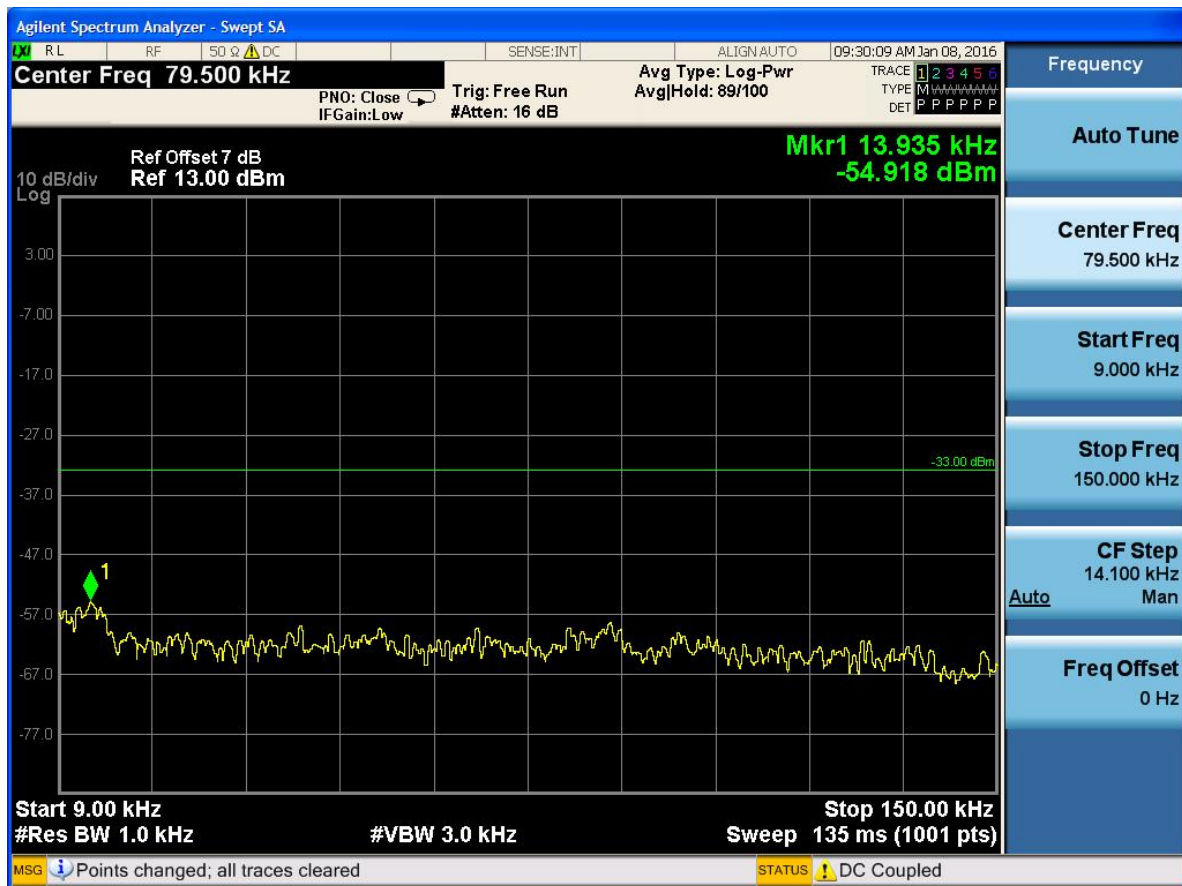


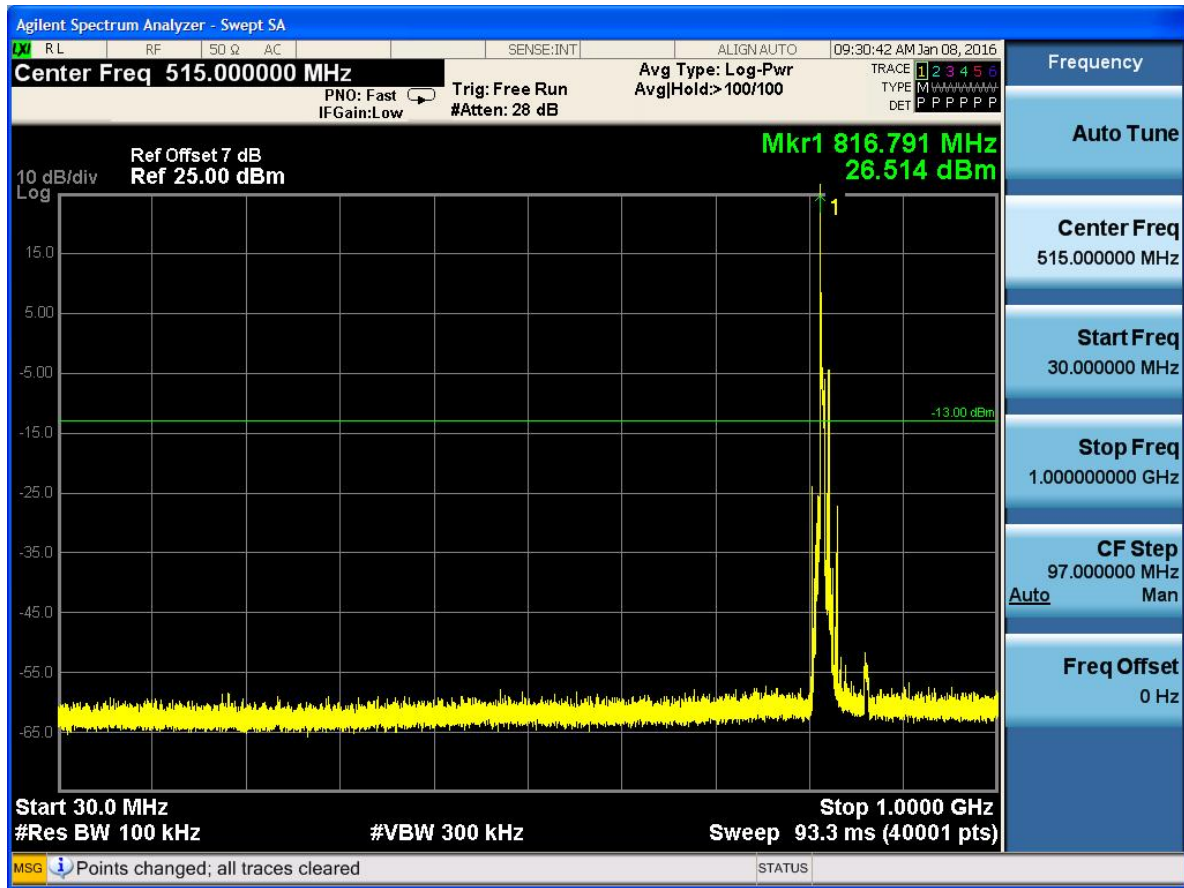


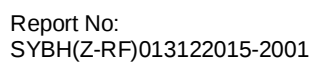
6.1.1.2.3.2 Test Channel = MCH

6.1.1.2.3.2.1 Test RB = RB1#0







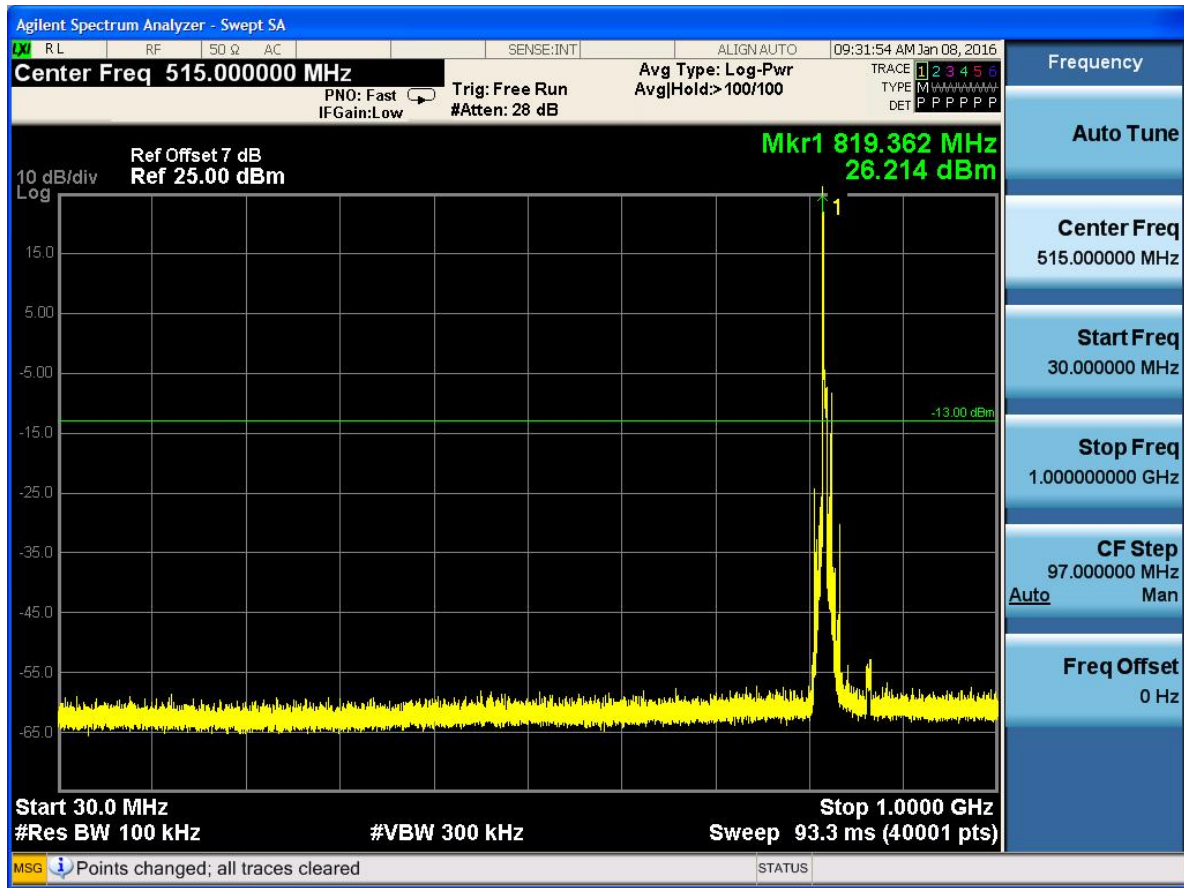


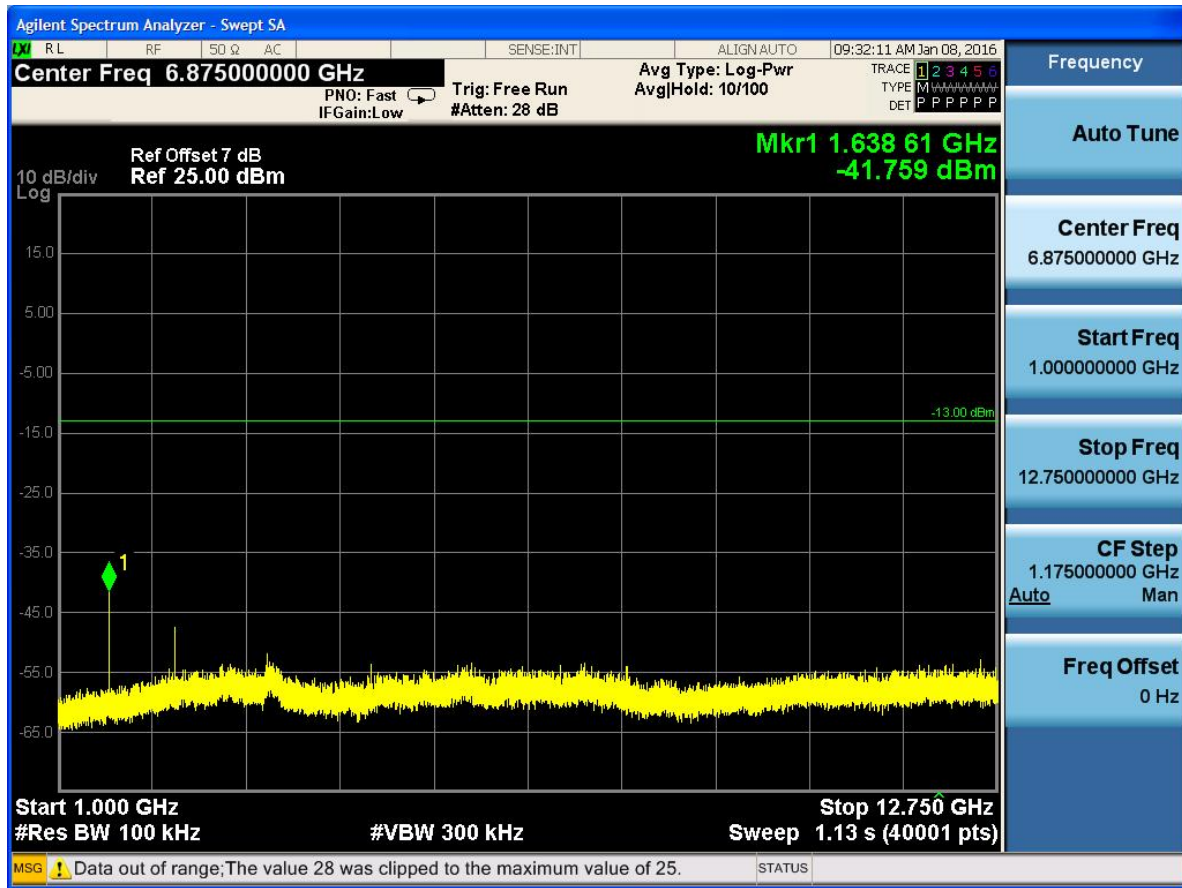
6.1.1.2.3.3 Test Channel = HCH

6.1.1.2.3.3.1 Test RB = RB1#0









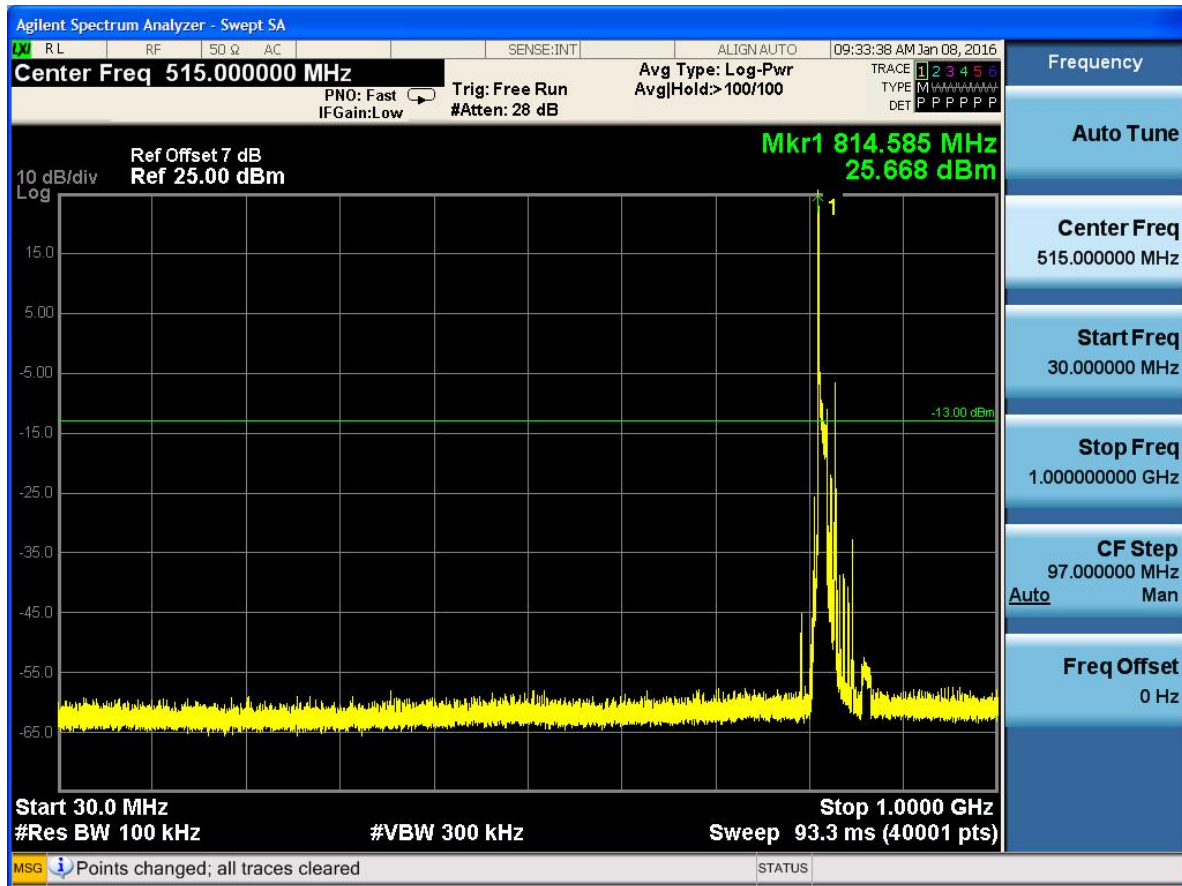
6.1.1.2.4 Test Bandwidth = 10

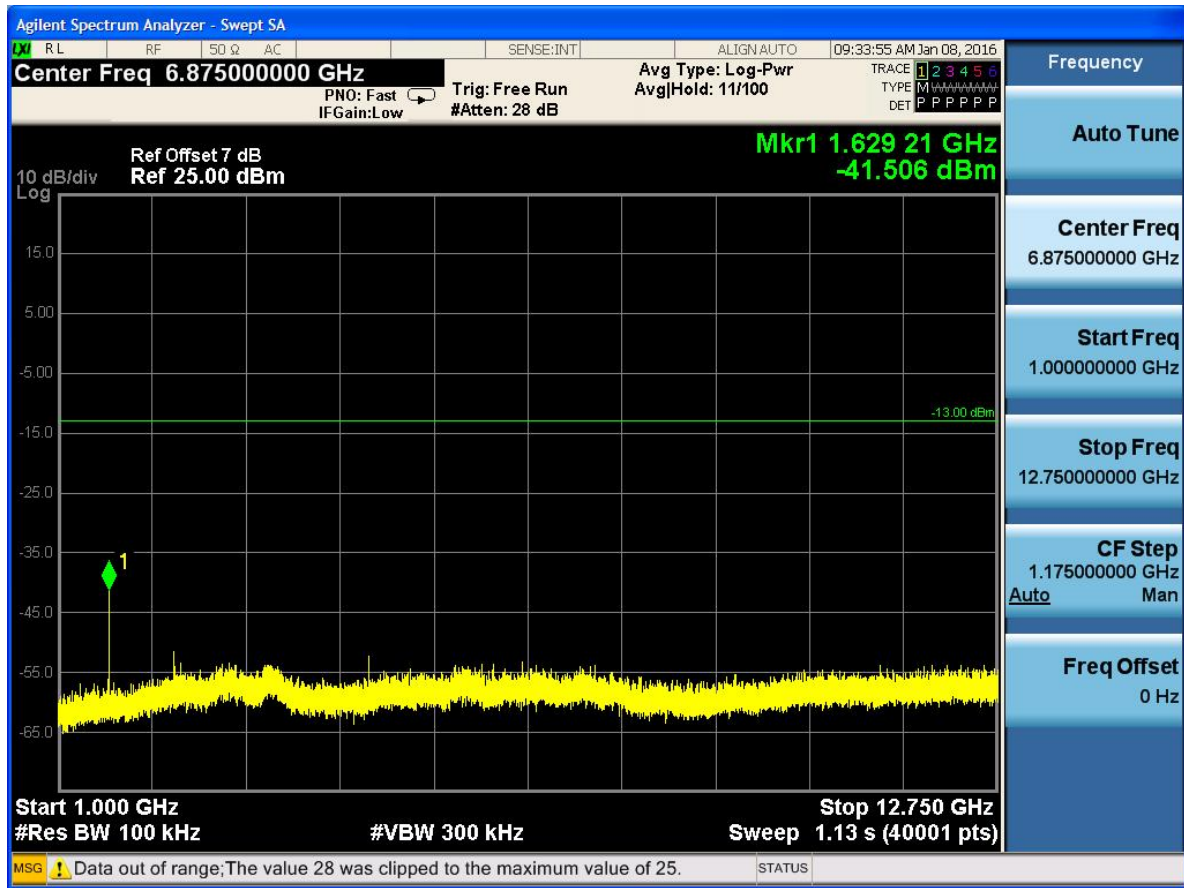
6.1.1.2.4.1 Test Channel = LCH

6.1.1.2.4.1.1 Test RB = RB1#0







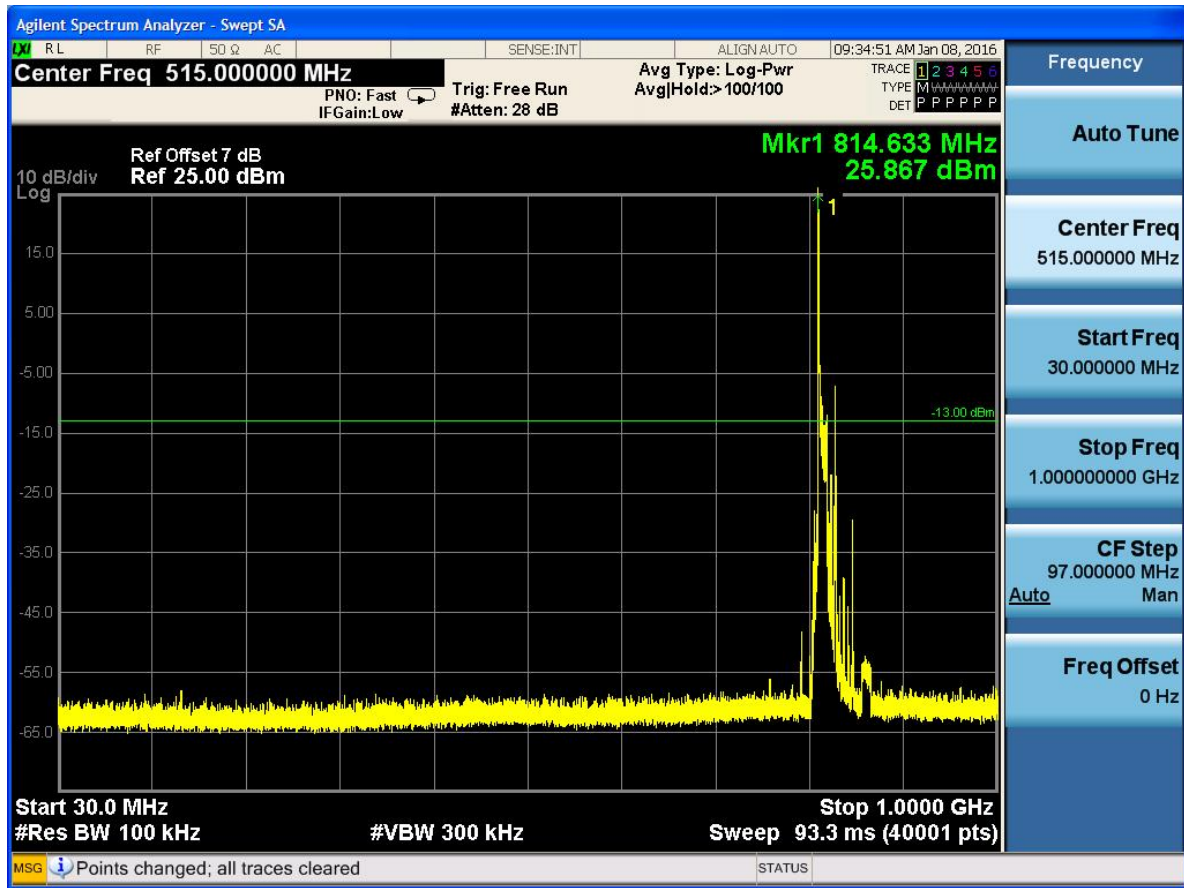


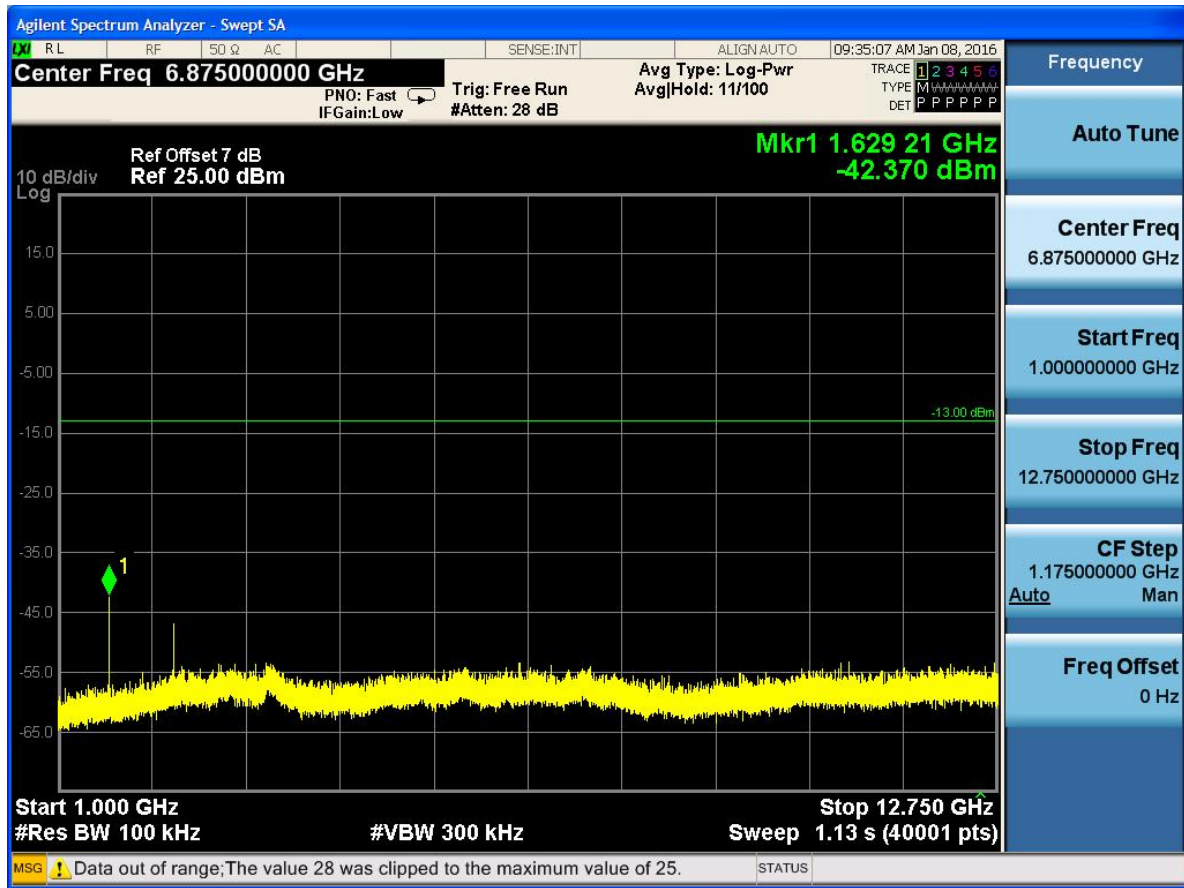
6.1.1.2.4.2 Test Channel = MCH

6.1.1.2.4.2.1 Test RB = RB1#0







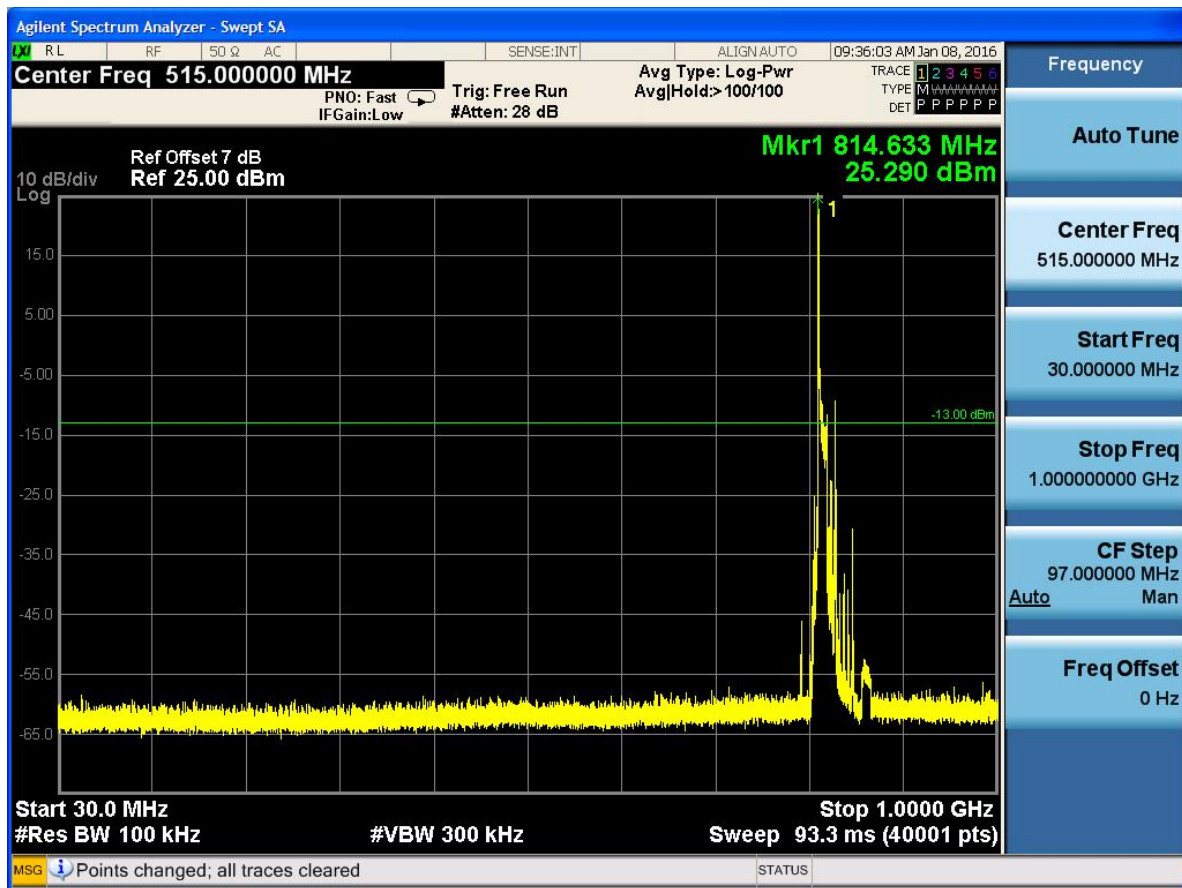


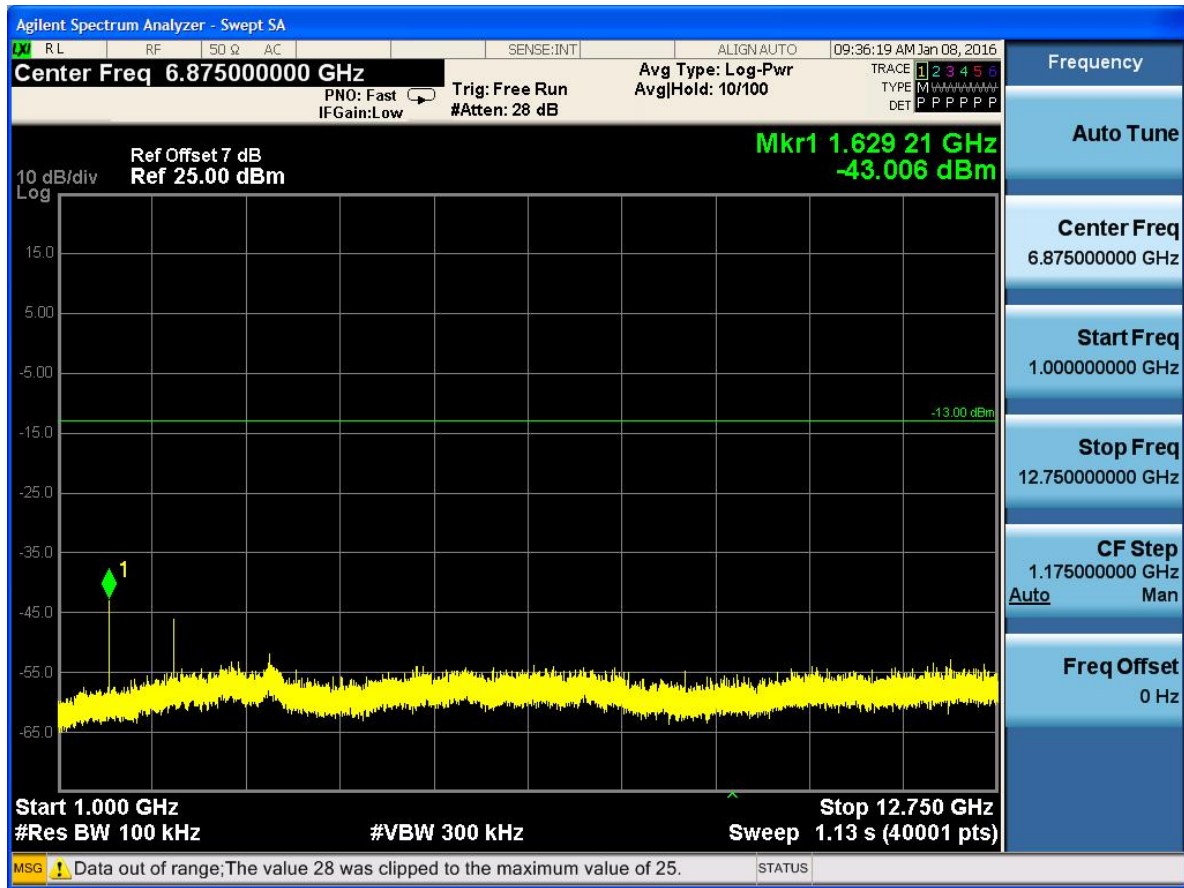
6.1.1.2.4.3 Test Channel = HCH

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

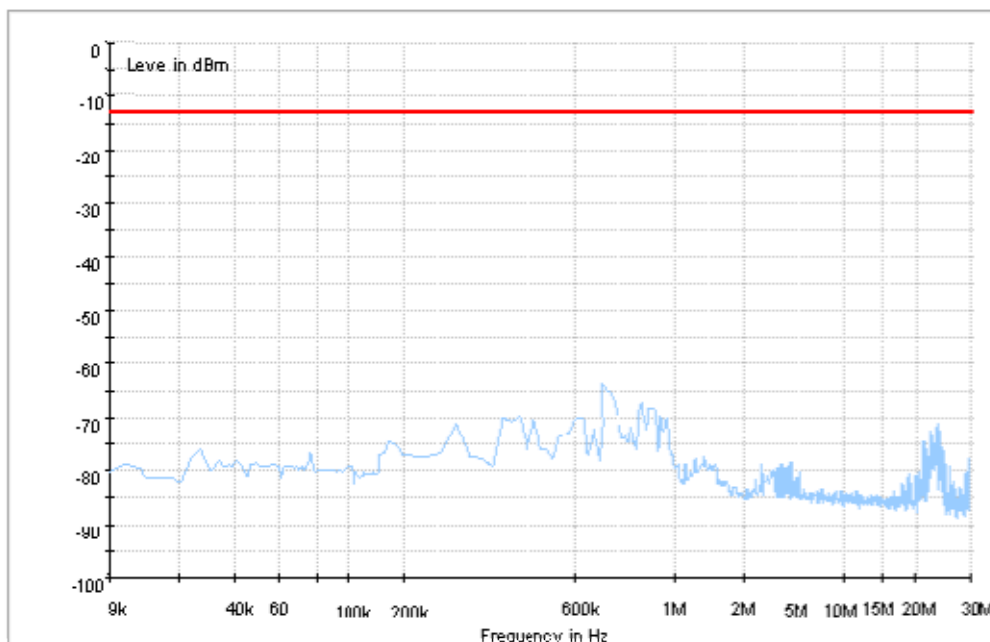
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

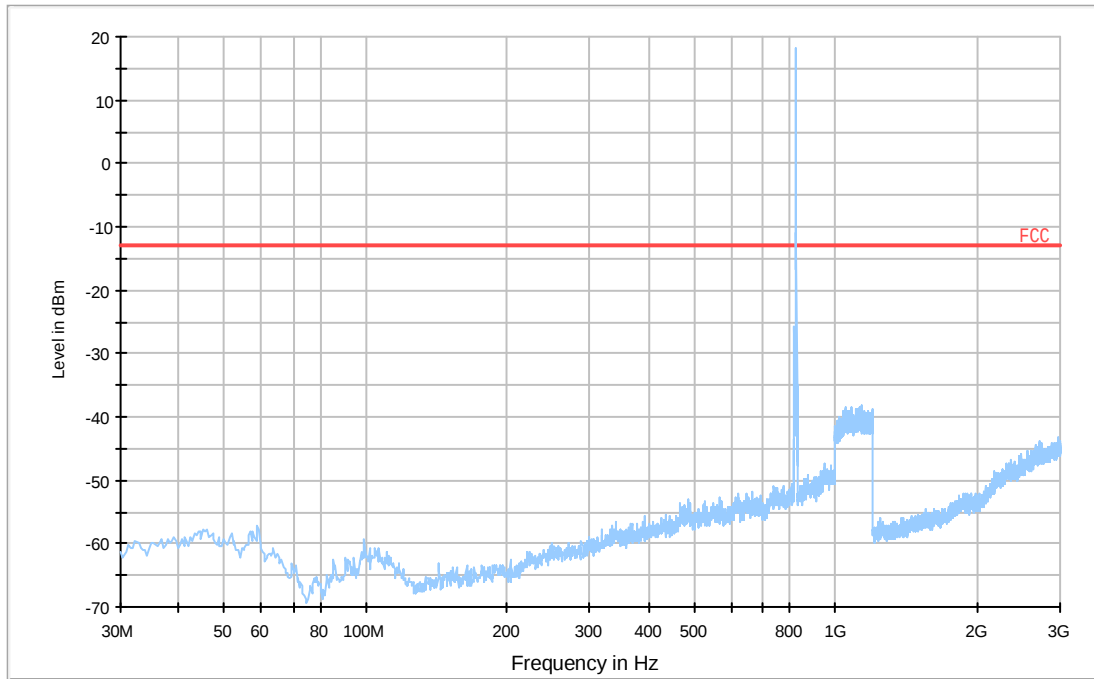
7.1 For LTE

7.1.1 Test Band = BAND26

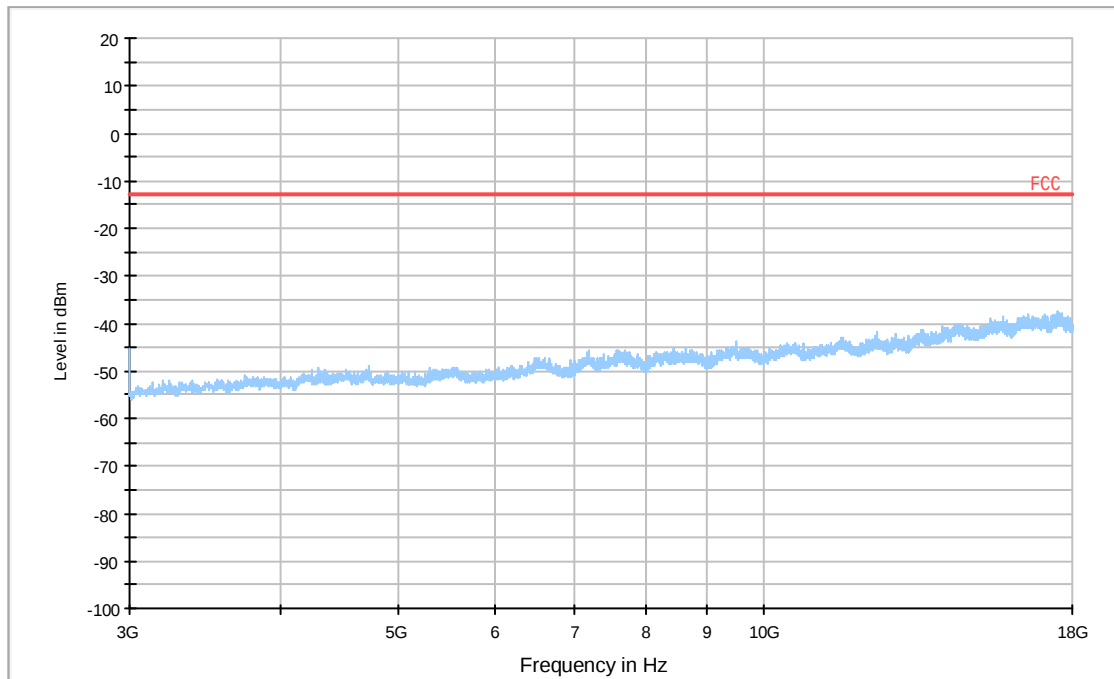
7.1.1.1 Test Bandwidth = 1.4



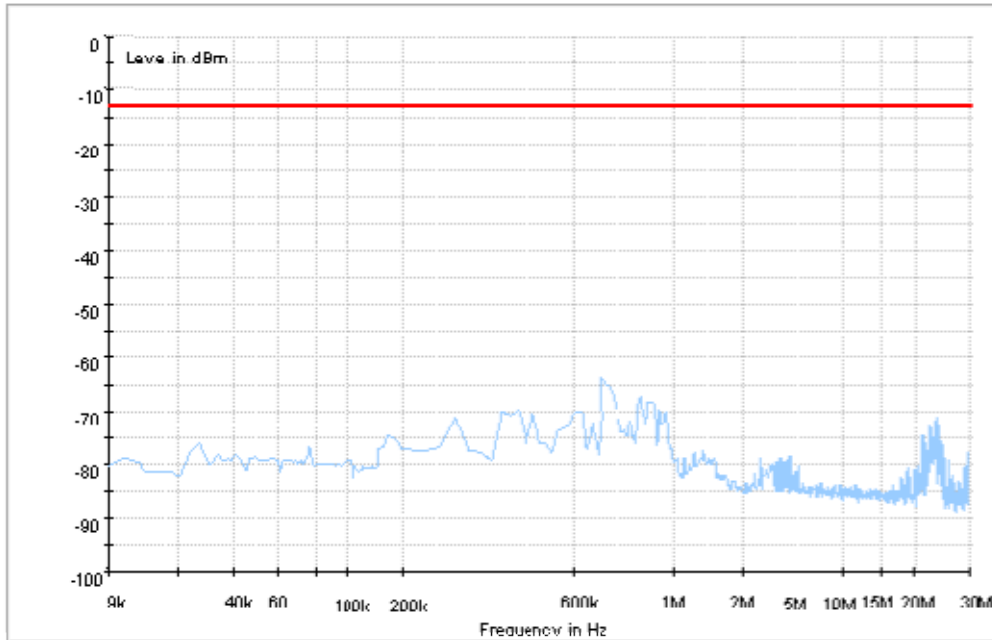
Copy of RSE-TX-DIRECTOR BELOW 1G_L



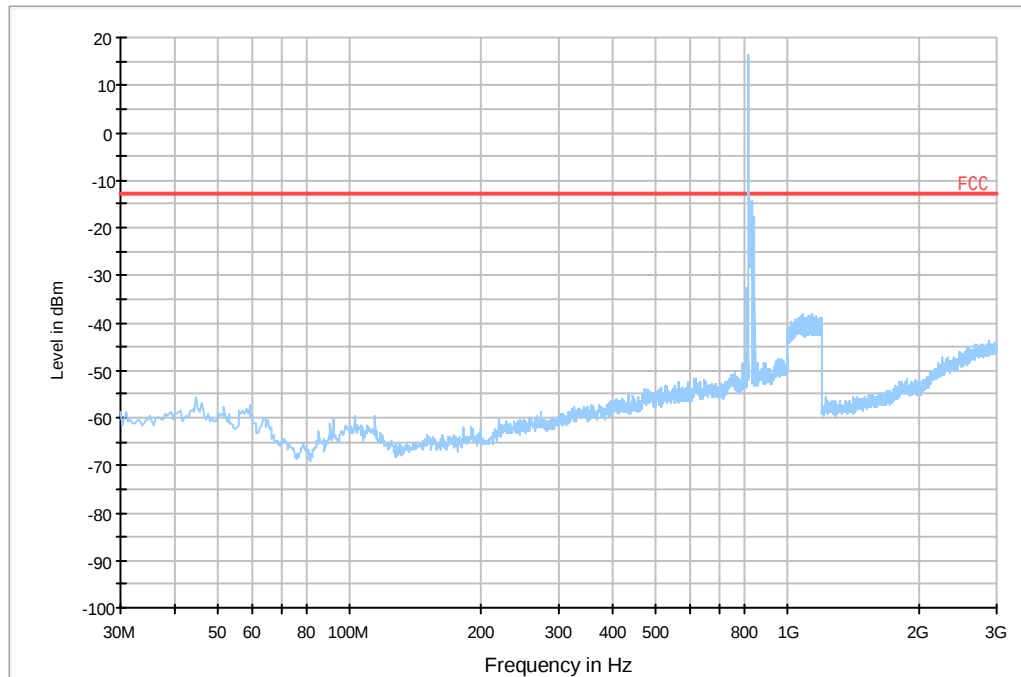
Copy of RSE-TX-DIRECTOR BELOW 1G_H



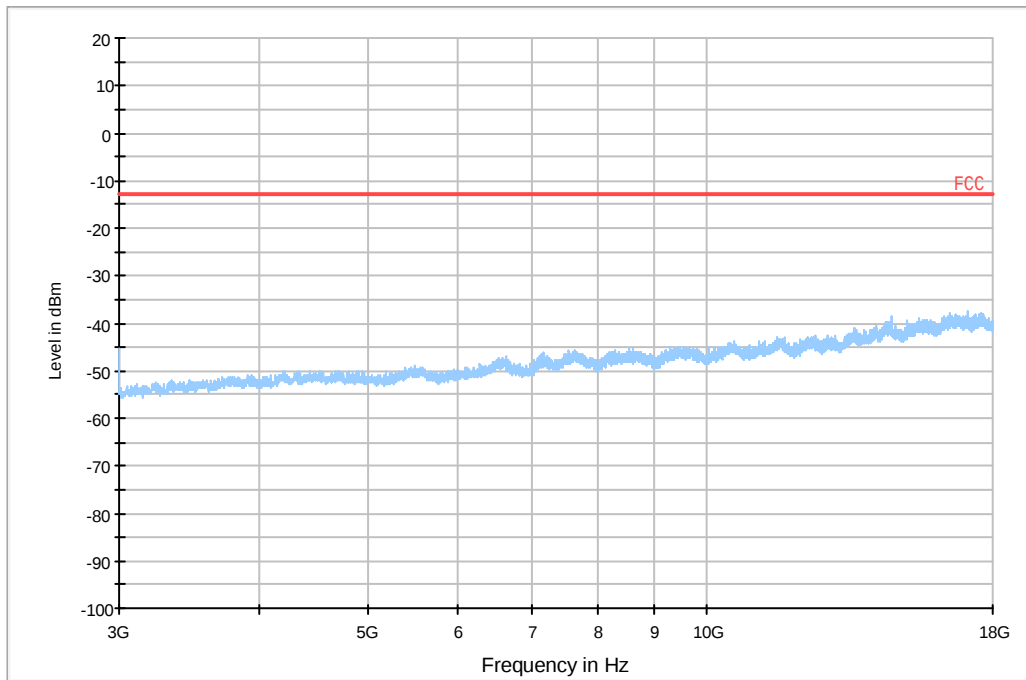
7.1.1.3 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND26	LTE/TM1	1.4	LCH	TN	VL	-12.73	-0.01563	PASS
					VN	9.70	0.01191	PASS
					VH	-2.09	-0.00257	PASS
			MCH	TN	VL	5.42	0.00662	PASS
					VN	3.92	0.00479	PASS
					VH	2.70	0.0033	PASS
			HCH	TN	VL	-1.47	-0.00179	PASS
					VN	-4.59	-0.00558	PASS
					VH	8.81	0.0107	PASS
		3	LCH	TN	VL	0.96	0.00118	PASS
					VN	-2.78	-0.00341	PASS
					VH	-1.85	-0.00227	PASS
			MCH	TN	VL	-8.37	-0.01022	PASS
					VN	3.12	0.00381	PASS
					VH	-2.86	-0.00349	PASS
			HCH	TN	VL	3.81	0.00463	PASS
					VN	-6.24	-0.00759	PASS
					VH	1.50	0.00182	PASS
		5	LCH	TN	VL	-1.20	-0.00147	PASS
					VN	-2.25	-0.00276	PASS
					VH	-1.66	-0.00203	PASS
			MCH	TN	VL	-4.79	-0.00585	PASS
					VN	3.82	0.00466	PASS
					VH	0.97	0.00118	PASS
			HCH	TN	VL	1.83	0.00223	PASS
					VN	0.21	0.00026	PASS
					VH	-1.92	-0.00234	PASS
		10	LCH	TN	VL	0.01	0.00001	PASS
					VN	-0.14	-0.00017	PASS
					VH	0.50	0.00061	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	-0.54	-0.00066	PASS
					VN	0.41	0.0005	PASS
					VH	-0.63	-0.00077	PASS
			HCH	TN	VL	-1.76	-0.00215	PASS
					VN	-0.40	-0.00049	PASS
					VH	0.01	0.00001	PASS
	LTE/TM2	1.4	LCH	TN	VL	10.93	0.01342	PASS
					VN	6.52	0.008	PASS
					VH	16.57	0.02034	PASS
			MCH	TN	VL	16.55	0.02021	PASS
					VN	0.43	0.00053	PASS
					VH	6.95	0.00849	PASS
			HCH	TN	VL	-2.22	-0.0027	PASS
					VN	11.67	0.01417	PASS
					VH	7.28	0.00884	PASS
		3	LCH	TN	VL	0.90	0.0011	PASS
					VN	1.90	0.00233	PASS
					VH	4.55	0.00558	PASS
			MCH	TN	VL	-5.14	-0.00628	PASS
					VN	3.76	0.00459	PASS
					VH	7.18	0.00877	PASS
			HCH	TN	VL	11.97	0.01455	PASS
					VN	-9.04	-0.01099	PASS
					VH	-5.91	-0.00719	PASS
		5	LCH	TN	VL	0.89	0.00109	PASS
					VN	-7.95	-0.00974	PASS
					VH	-0.54	-0.00066	PASS
			MCH	TN	VL	1.92	0.00234	PASS
					VN	-6.19	-0.00756	PASS
					VH	-1.09	-0.00133	PASS
			HCH	TN	VL	1.92	0.00234	PASS
					VN	-0.10	-0.00012	PASS
					VH	1.24	0.00151	PASS
		10	LCH	TN	VL	-1.06	-0.00129	PASS
					VN	-3.32	-0.00405	PASS
					VH	-3.82	-0.00466	PASS
			MCH	TN	VL	-3.02	-0.00369	PASS
					VN	-1.02	-0.00125	PASS
					VH	-2.12	-0.00259	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VL	-0.39	-0.00048	PASS
					VN	-0.17	-0.00021	PASS
					VH	0.30	0.00037	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	0.00908	PASS
					-20	-1.65	-0.00743	PASS
					-10	-1.54	0.01436	PASS
					0	-0.33	0.00492	PASS
					10	-2.12	0.00009	PASS
					20	-4.56	-0.00457	PASS
					30	-0.64	0.00379	PASS
					40	-1.13	0.01961	PASS
					50	-0.36	0.00669	PASS
			MCH	VN	-30	-5.68	-0.00796	PASS
					-20	-4.89	0.00905	PASS
					-10	-0.21	0.00001	PASS
					0	-1.44	0.0359	PASS
					10	-0.89	-0.01067	PASS
					20	-7.57	-0.00422	PASS
					30	-1.3	-0.00361	PASS
					40	-4.86	0.01558	PASS
					50	-2.86	-0.00311	PASS
			HCH	VN	-30	-2.2	0.00129	PASS
					-20	-0.57	-0.0052	PASS
					-10	0.6	-0.00035	PASS
					0	2.39	0.00153	PASS
					10	-0.06	-0.00537	PASS
					20	0.46	0.01561	PASS
					30	-4.84	-0.0033	PASS
					40	-1.97	-0.027	PASS
					50	0.33	0.01272	PASS
		3	LCH	VN	-30	0.83	-0.00522	PASS
					-20	-0.97	-0.00224	PASS
					-10	-1.59	0.00037	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-4.36	-0.00065	PASS
					10	2.42	-0.00448	PASS
					20	-2.2	0.00211	PASS
					30	-2.32	-0.00293	PASS
					40	-3.22	0.00004	PASS
					50	2.65	-0.00309	PASS
			MCH	VN	-30	-1.13	0.00133	PASS
					-20	0.23	-0.00766	PASS
					-10	-3.49	-0.00385	PASS
					0	-1.46	-0.00182	PASS
					10	1.13	-0.00057	PASS
					20	-1.85	0.00884	PASS
					30	-0.34	-0.00685	PASS
					40	-1.27	0.00766	PASS
					50	0.29	0.00653	PASS
			HCH	VN	-30	-2.19	0.00703	PASS
					-20	0.13	0.00033	PASS
					-10	-0.43	0.00643	PASS
					0	0.1	0.00195	PASS
					10	-1.66	0.00209	PASS
					20	-0.44	-0.00591	PASS
					30	-0.8	0.01174	PASS
					40	-0.79	0.01181	PASS
					50	-0.64	-0.00453	PASS
		5	LCH	VN	-30	-0.44	-0.00513	PASS
					-20	-1.13	-0.00354	PASS
					-10	-2.25	-0.00349	PASS
					0	-0.64	0.00113	PASS
					10	-0.62	-0.00053	PASS
					20	0.72	-0.00098	PASS
					30	-1.95	-0.00156	PASS
					40	-0.34	0.00081	PASS
					50	0.6	-0.0035	PASS
			MCH	VN	-30	-1.07	-0.00564	PASS
					-20	-0.29	0.0064	PASS
					-10	-2.72	-0.00418	PASS
					0	-1.14	0.00393	PASS
					10	-2.25	0.00256	PASS
					20	-0.41	-0.00407	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-1.46	-0.00394	PASS
					40	-0.21	0.01158	PASS
					50	-1.53	0.00603	PASS
			HCH	VN	-30	-0.5	0.00078	PASS
					-20	-0.67	0.0024	PASS
					-10	0.34	-0.00533	PASS
					0	-0.43	-0.0024	PASS
					10	-1.52	-0.00426	PASS
					20	-1.89	-0.00155	PASS
					30	-0.03	-0.0046	PASS
					40	-0.03	-0.0042	PASS
					50	1.63	-0.00286	PASS
		10	LCH/MCH /HCH	VN	-30	-2.63	-0.00297	PASS
					-20	0.11	-0.00049	PASS
					-10	-0.07	-0.00142	PASS
					0	-1.24	-0.00182	PASS
					10	-1.17	-0.00226	PASS
					20	0.19	-0.00219	PASS
					30	-0.31	-0.00117	PASS
					40	0.24	-0.00198	PASS
					50	-0.86	0.0004	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.1	-0.00078	PASS
					-20	-2.68	-0.00045	PASS
					-10	-1.65	-0.00239	PASS
					0	0.11	-0.00009	PASS
					10	-1.7	0.00011	PASS
					20	-2	-0.00028	PASS
					30	0.2	-0.00021	PASS
					40	-0.33	0.00131	PASS
					50	0.33	-0.00223	PASS
			MCH	VN	-30	-2.22	-0.00358	PASS
					-20	-1.22	-0.00035	PASS
					-10	-0.4	0.00001	PASS
					0	-1.85	0.00402	PASS
					10	-5.62	-0.00053	PASS
					20	-1.4	-0.0028	PASS
					30	-0.53	-0.00244	PASS
					40	-1.92	0.00017	PASS
					50	-1.02	-0.00179	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	-0.07	-0.02495	PASS
					-20	-1.4	0.01578	PASS
					-10	-0.06	-0.00065	PASS
					0	-2.63	-0.00718	PASS
					10	-2.78	-0.0102	PASS
					20	-0.33	0.01604	PASS
					30	-5.12	-0.015	PASS
					40	-0.99	-0.00322	PASS
					50	-1.02	-0.00211	PASS
		3	LCH	VN	-30	-0.94	-0.00904	PASS
					-20	-5.89	-0.01189	PASS
					-10	-0.73	-0.00084	PASS
					0	-1.75	-0.00394	PASS
					10	-1.09	0.00556	PASS
					20	-0.21	0.01051	PASS
					30	-1.23	0.00795	PASS
					40	-0.89	-0.00178	PASS
					50	-0.27	-0.01382	PASS
			MCH	VN	-30	-0.5	0.00112	PASS
					-20	-3.06	0.00396	PASS
					-10	0.56	-0.00142	PASS
					0	-2.06	0.00617	PASS
					10	-1.12	0.01085	PASS
					20	-2.02	-0.00145	PASS
					30	-1.06	0.00109	PASS
					40	-0.23	-0.00379	PASS
					50	-4.51	0.00908	PASS
			HCH	VN	-30	-0.09	-0.00743	PASS
					-20	1.2	0.01436	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

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