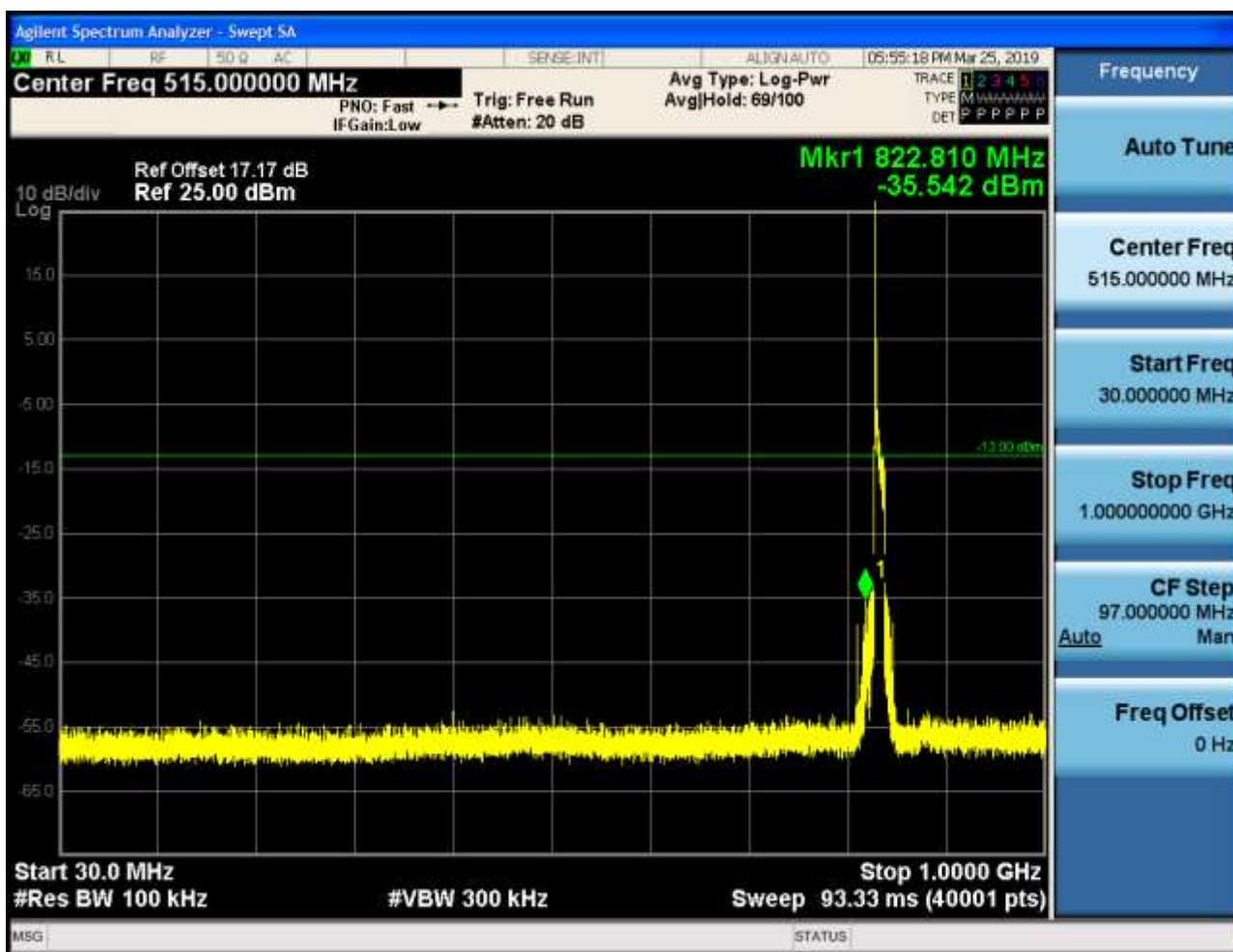


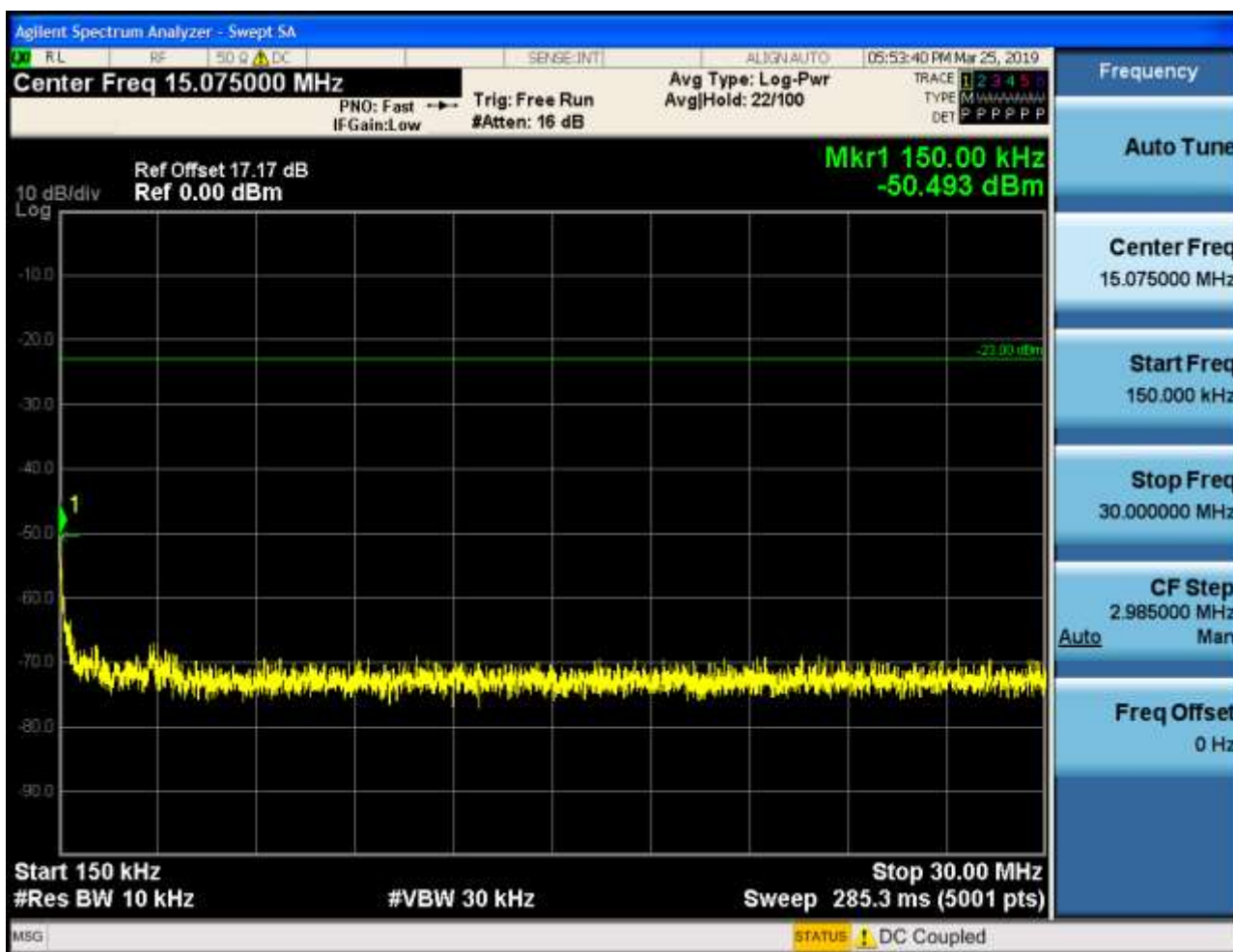


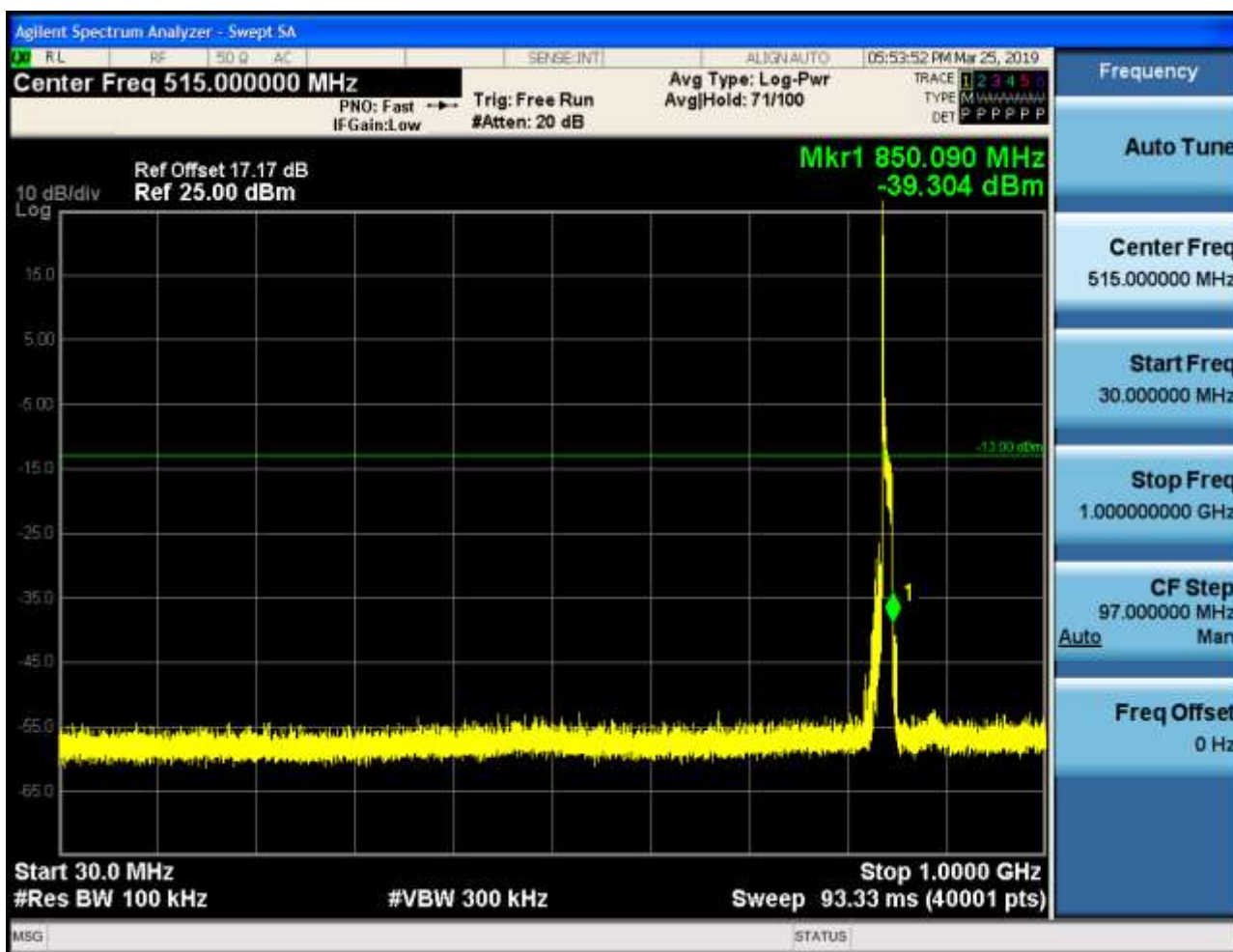


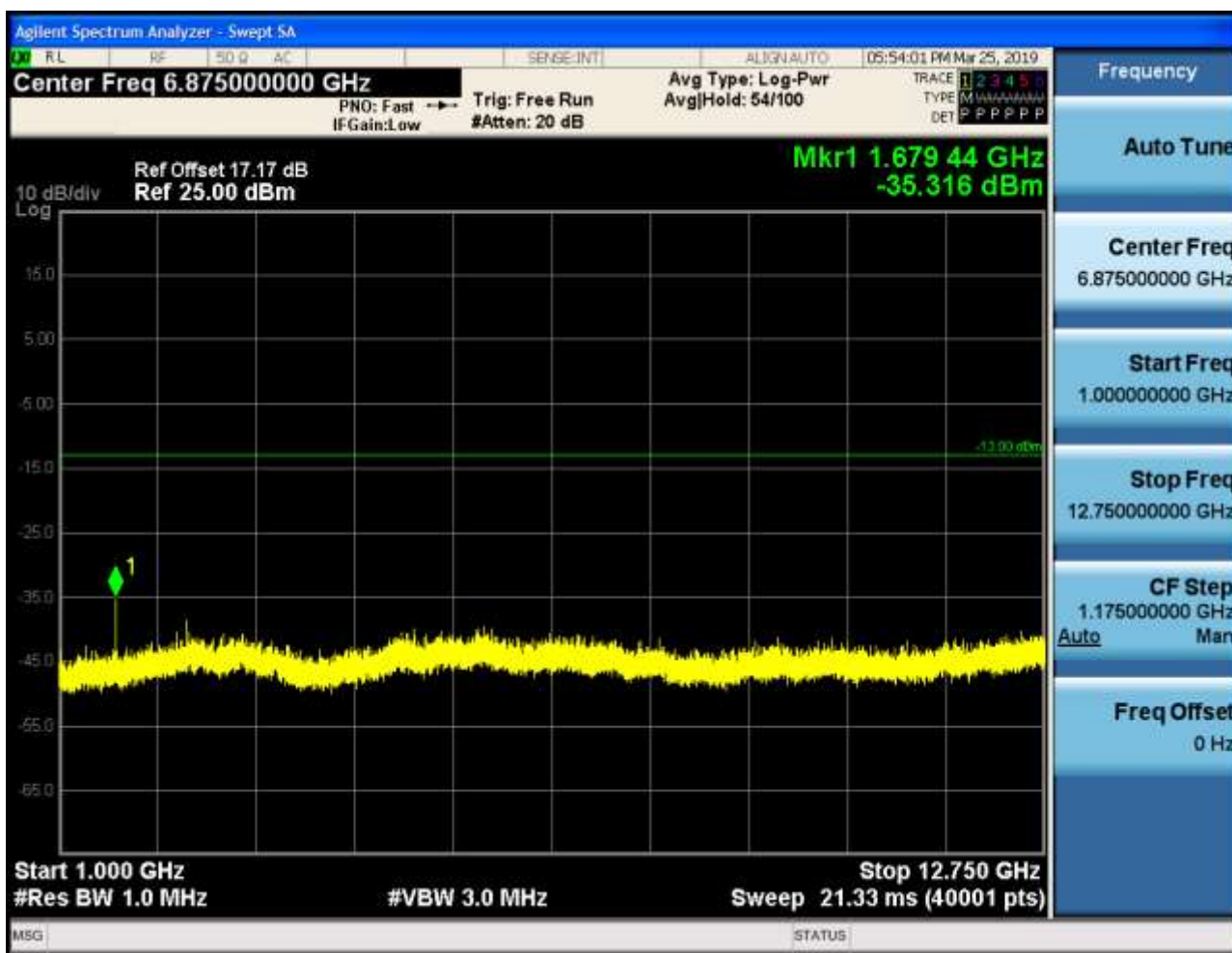
6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







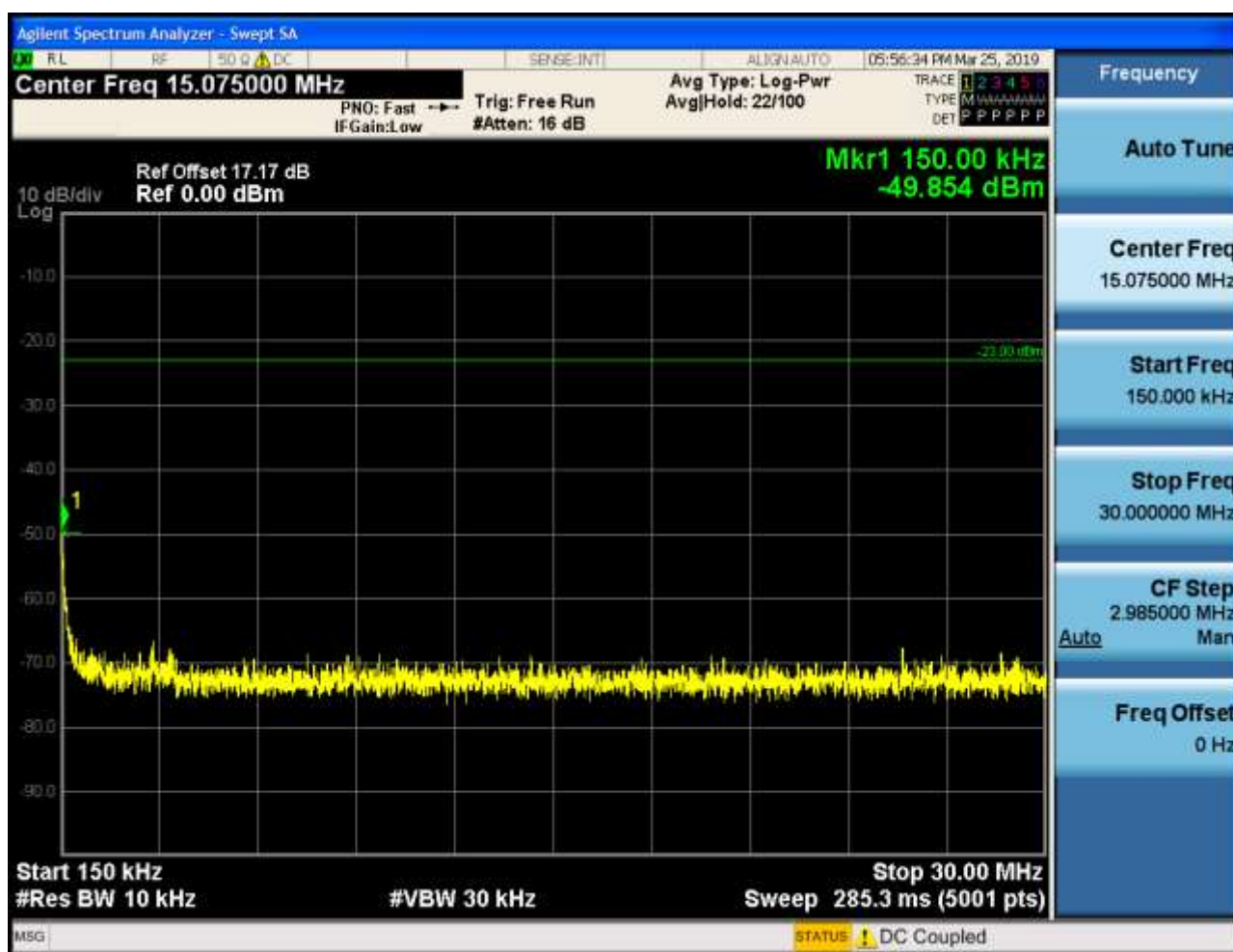


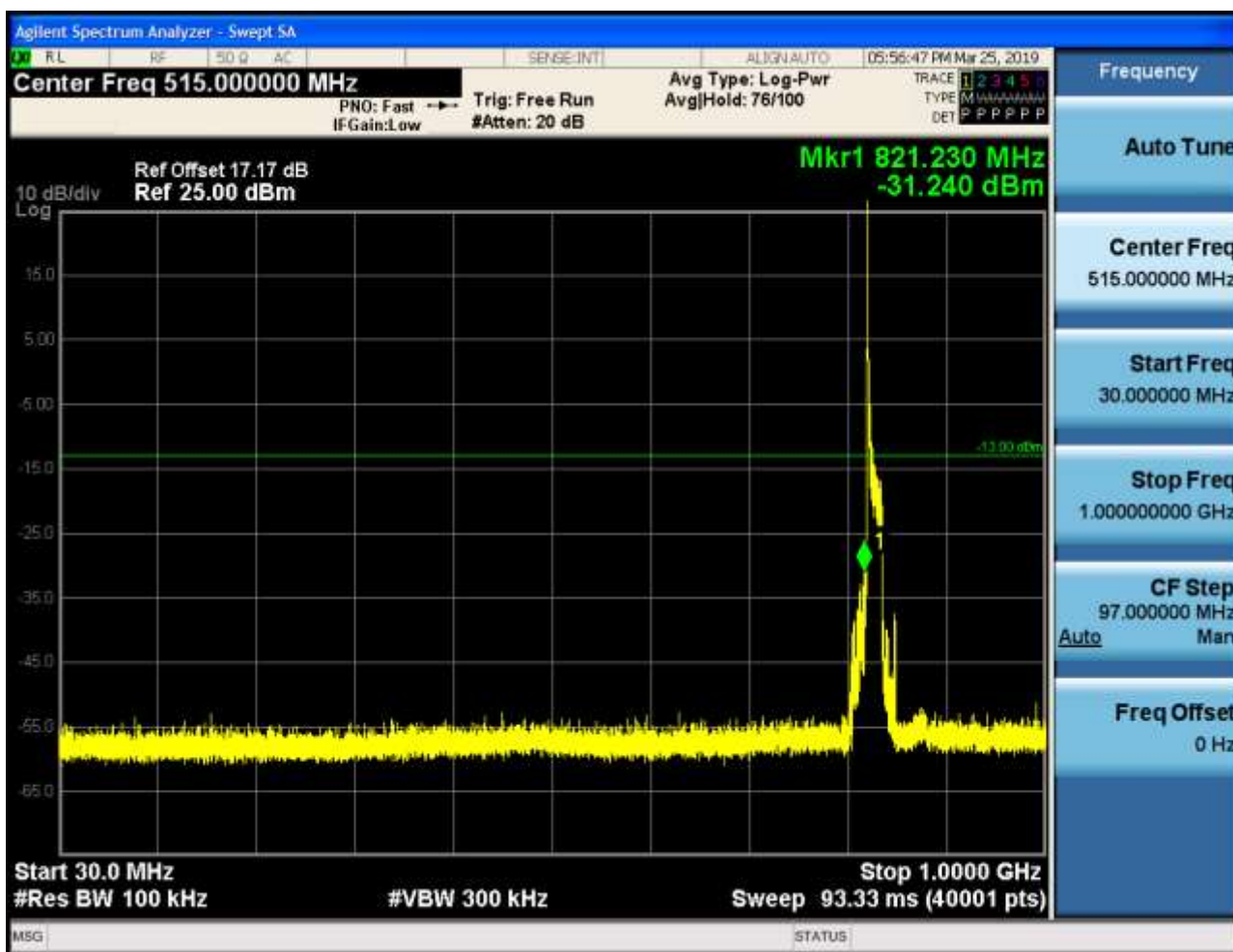
6.2.1.2.5 Test Bandwidth = 15

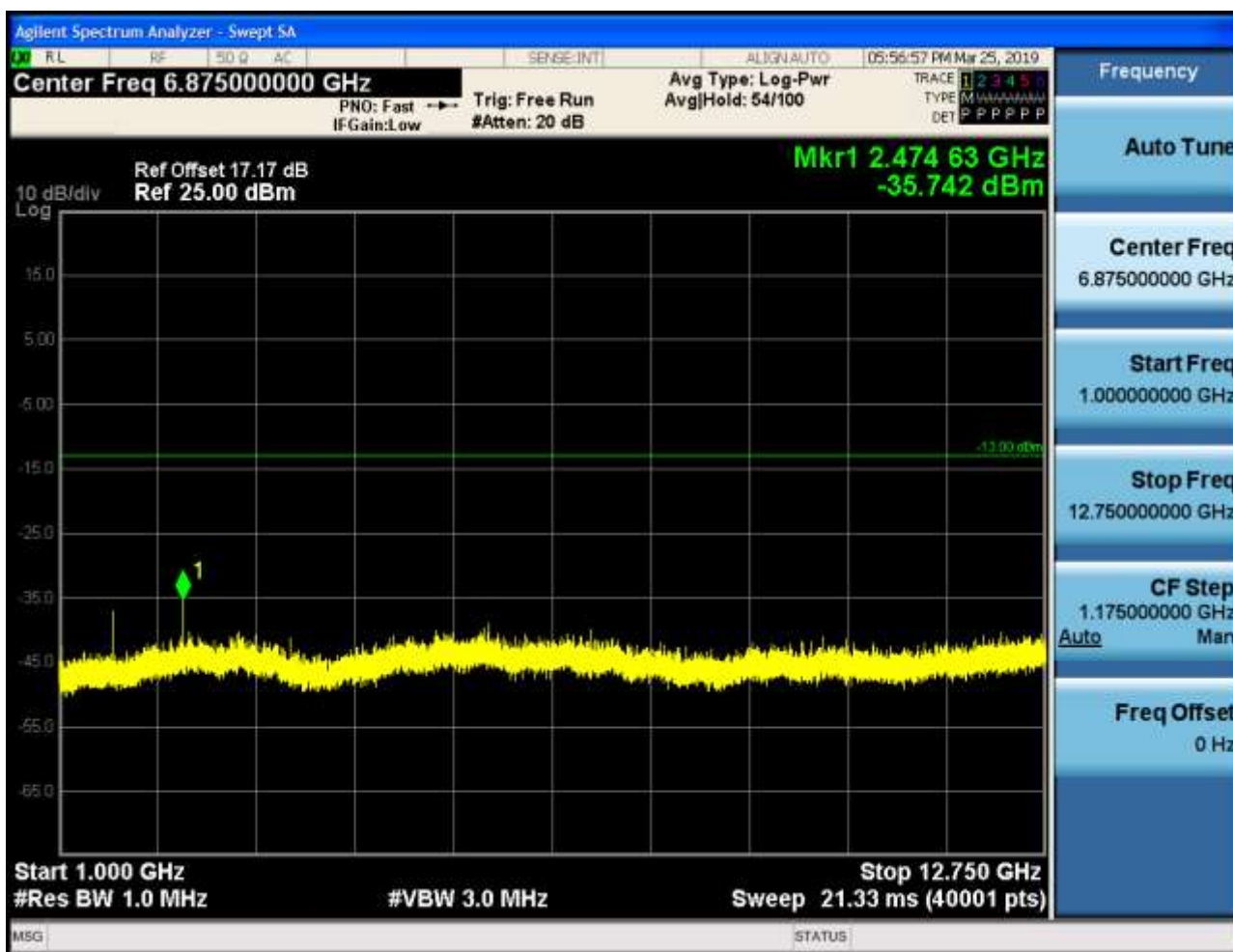
6.2.1.2.5.1 Test Channel = LCH

6.2.1.2.5.1.1 Test RB = RB1#0





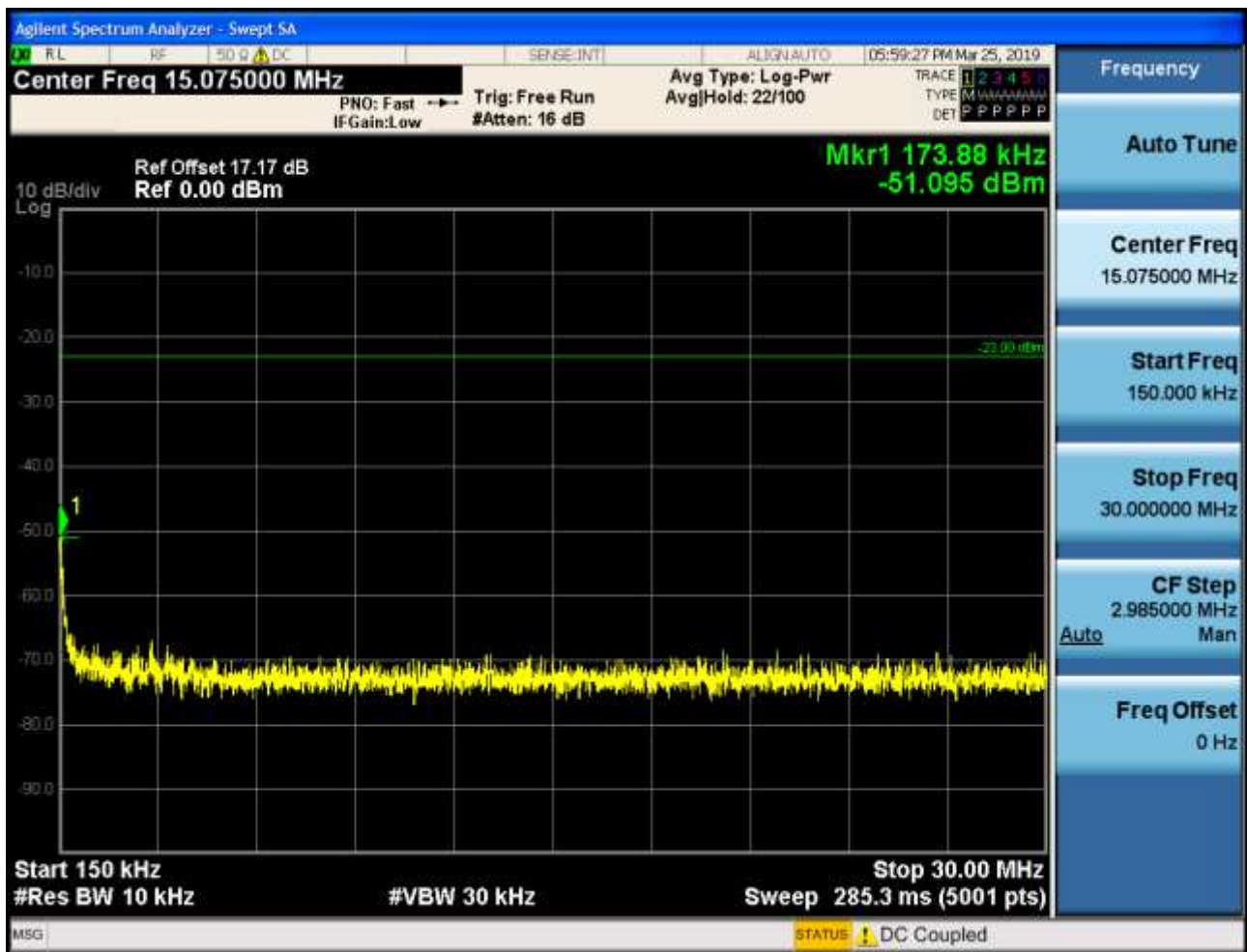


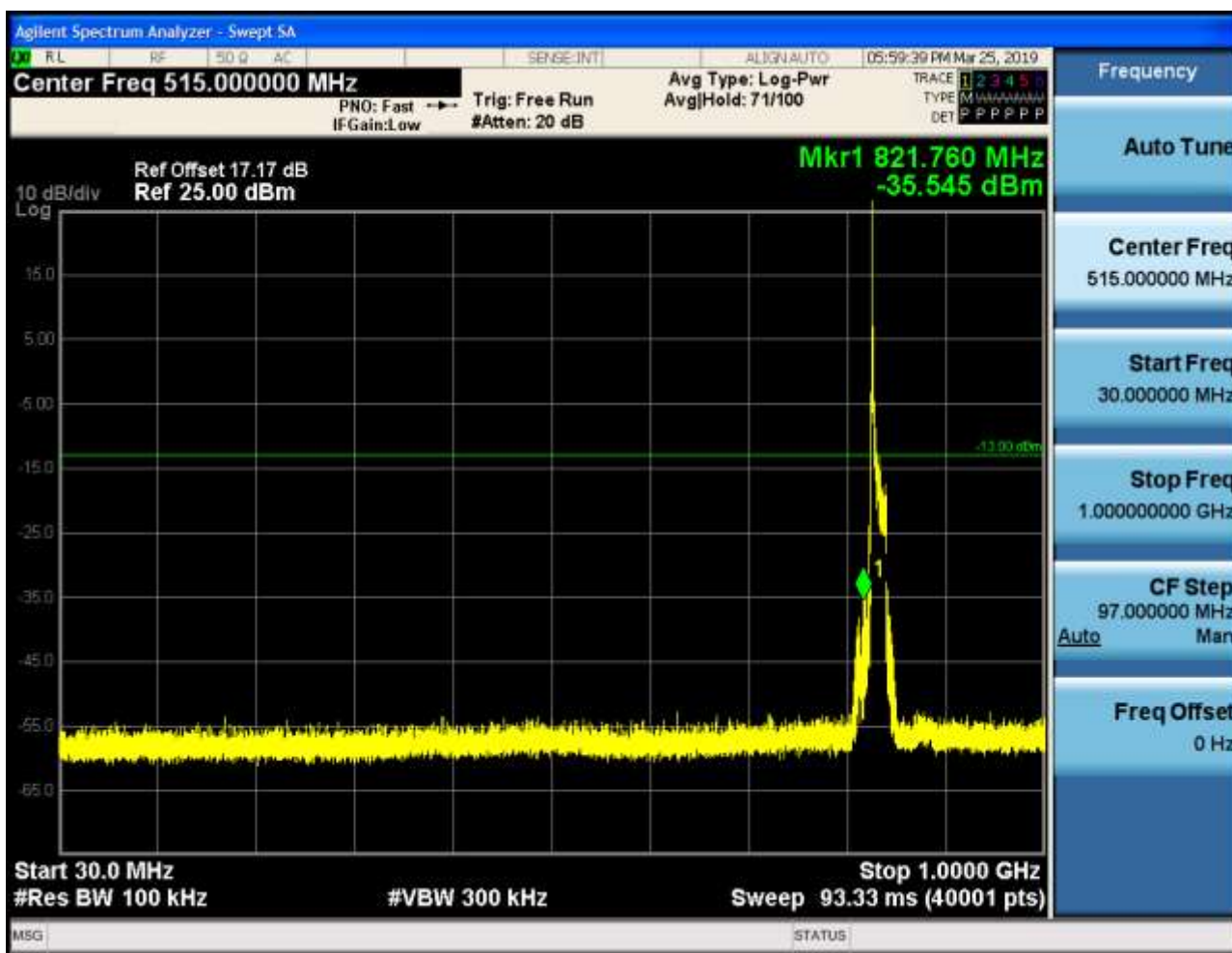


6.2.1.2.5.2 Test Channel = MCH

6.2.1.2.5.2.1 Test RB = RB1#0





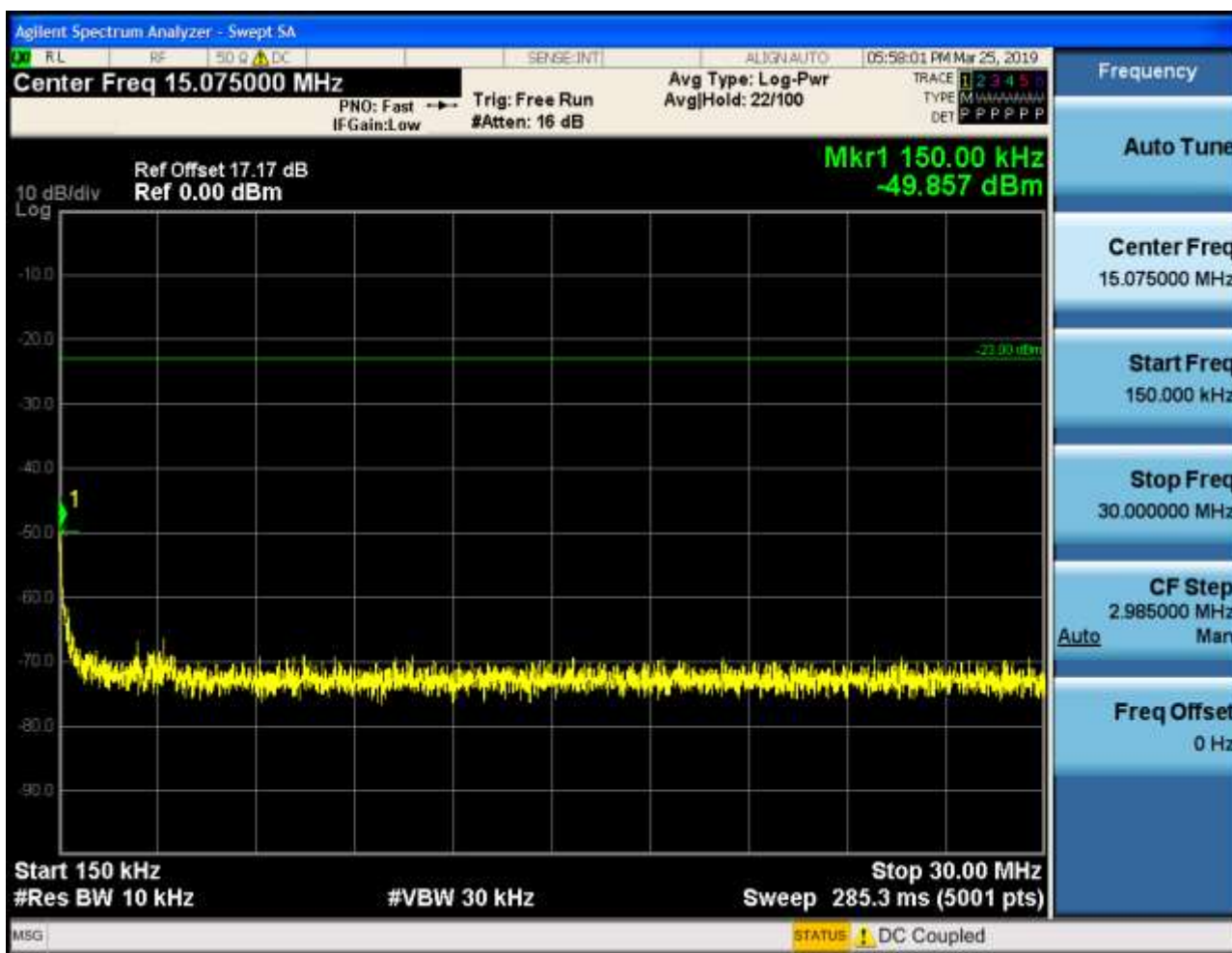


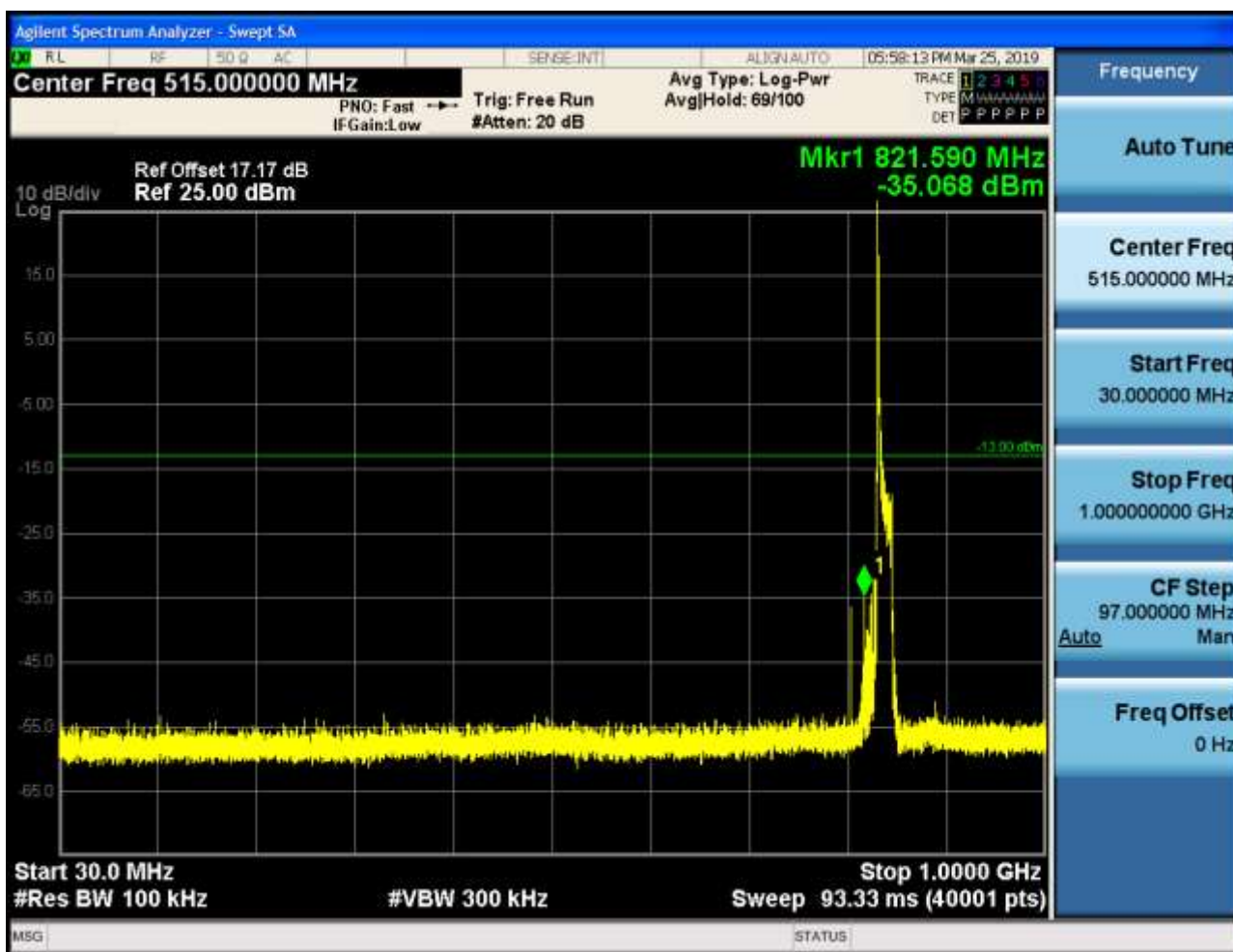


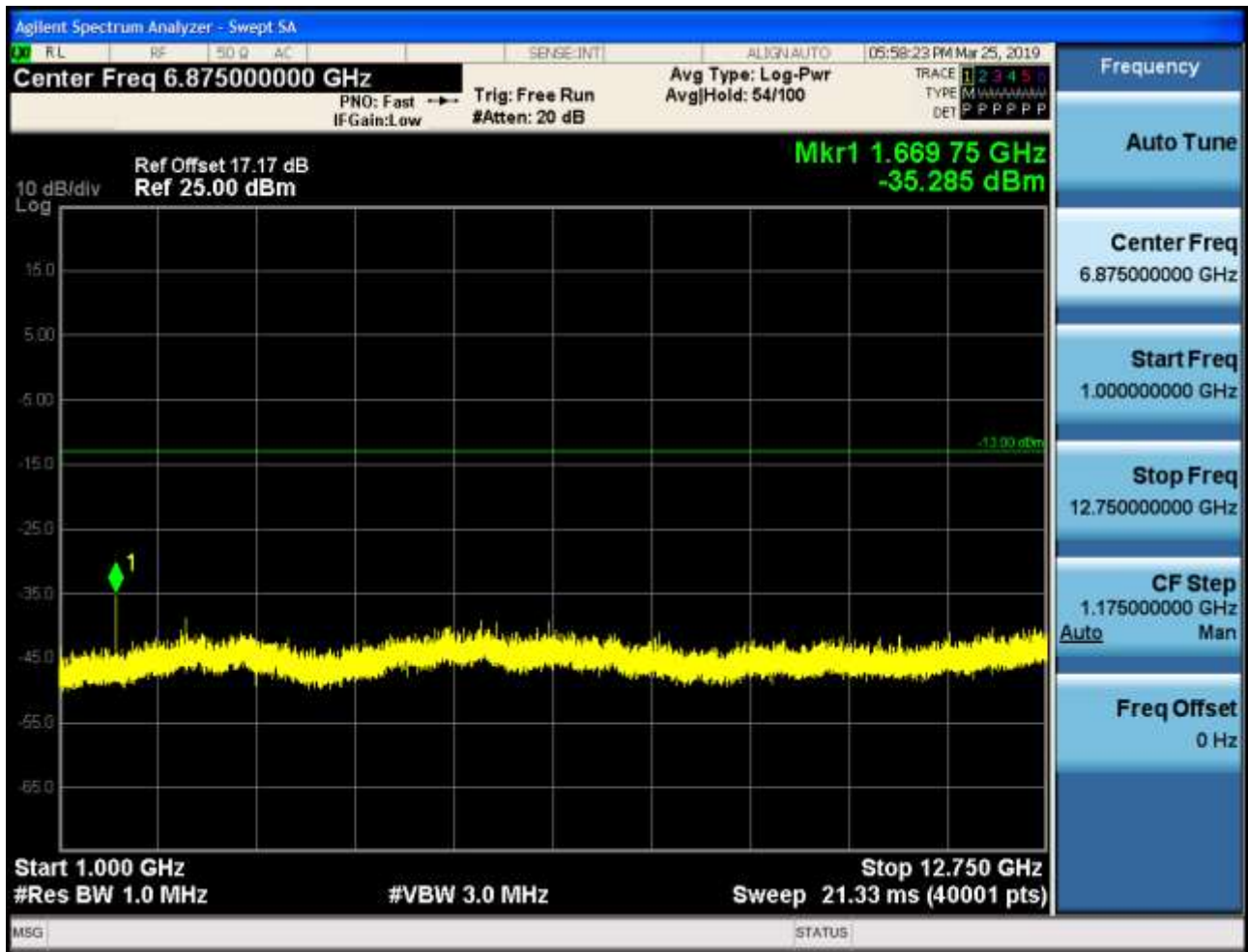
6.2.1.2.5.3 Test Channel = HCH

6.2.1.2.5.3.1 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, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 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

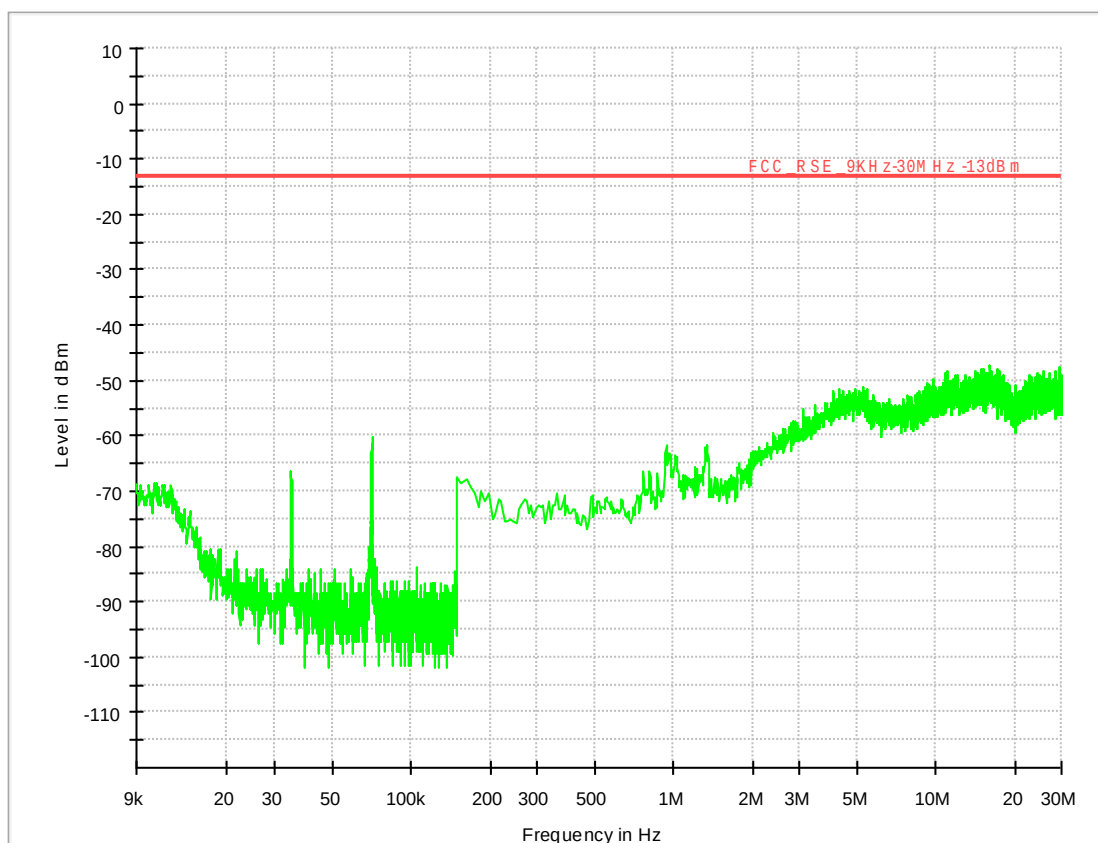
Part I - Test Plots

7.1 For LTE

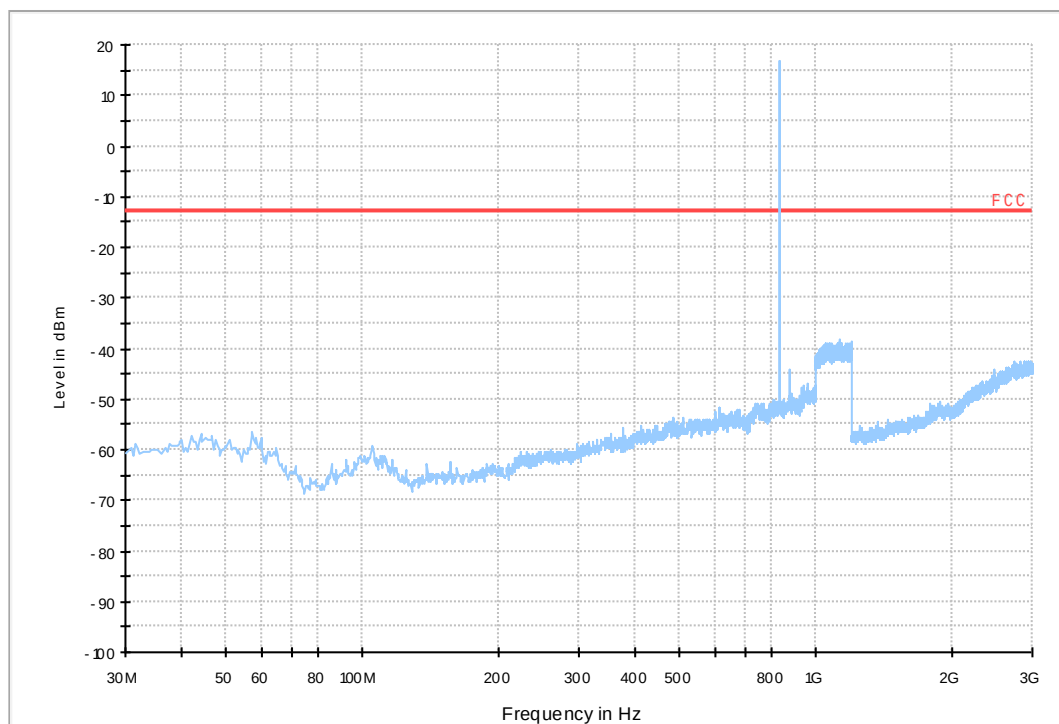
7.1.1 Test Band = Band26_Band

7.1.1.1 Test Bandwidth = 1.4

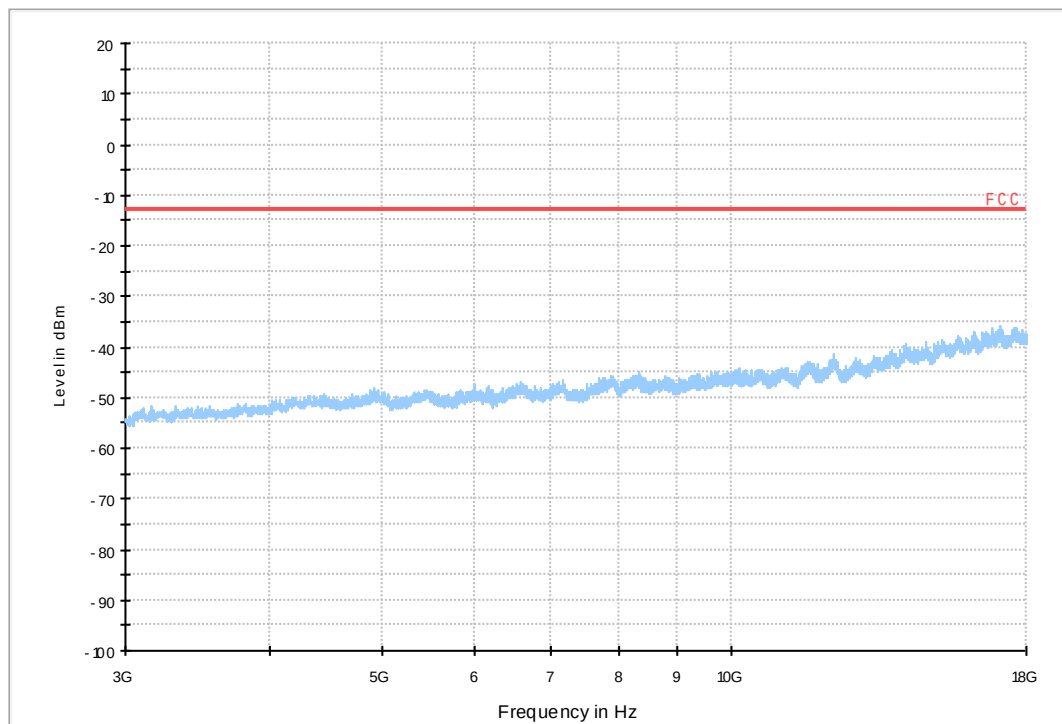
Band26(824-849MHz)/TM1_Ant1



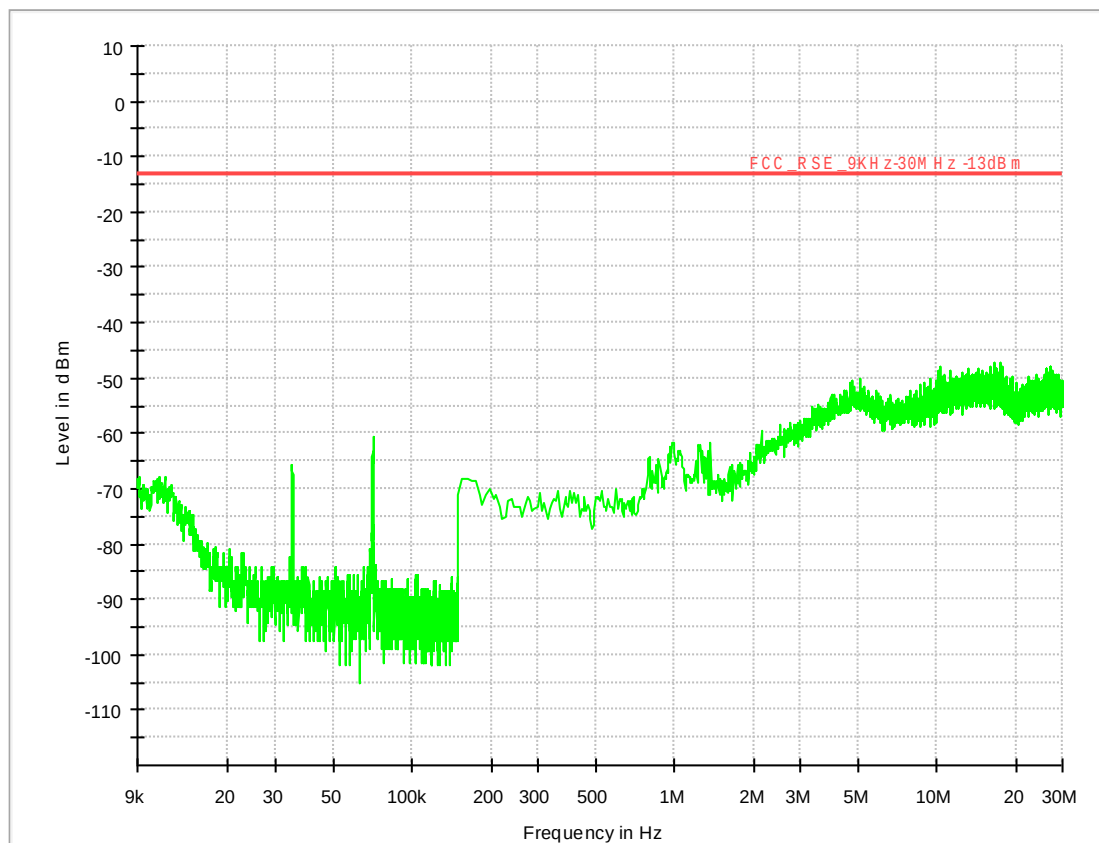
LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



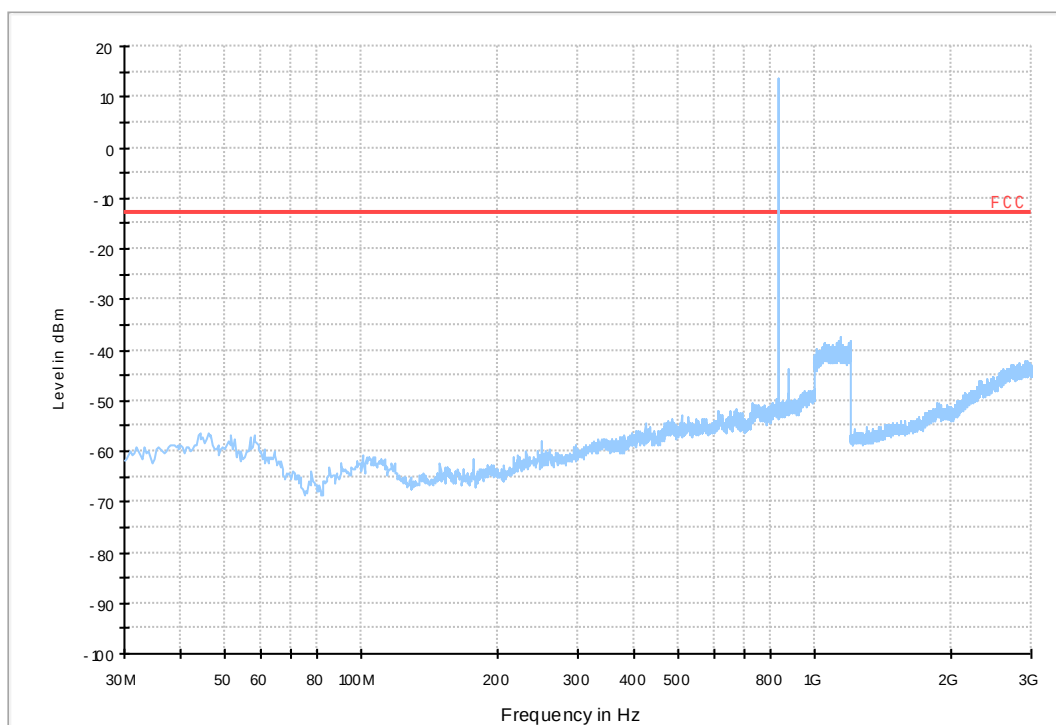
LTE FDD RSE-TX-DIRECTOR BELOW 1G_H



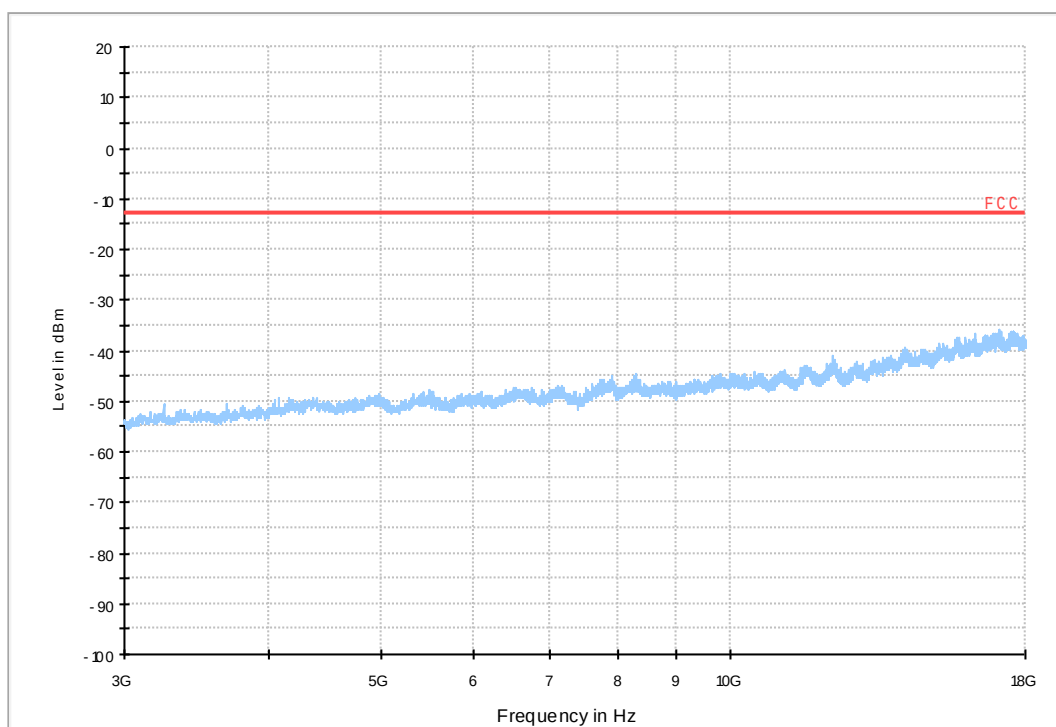
Band26(824-849MHz)/TM1_Ant2



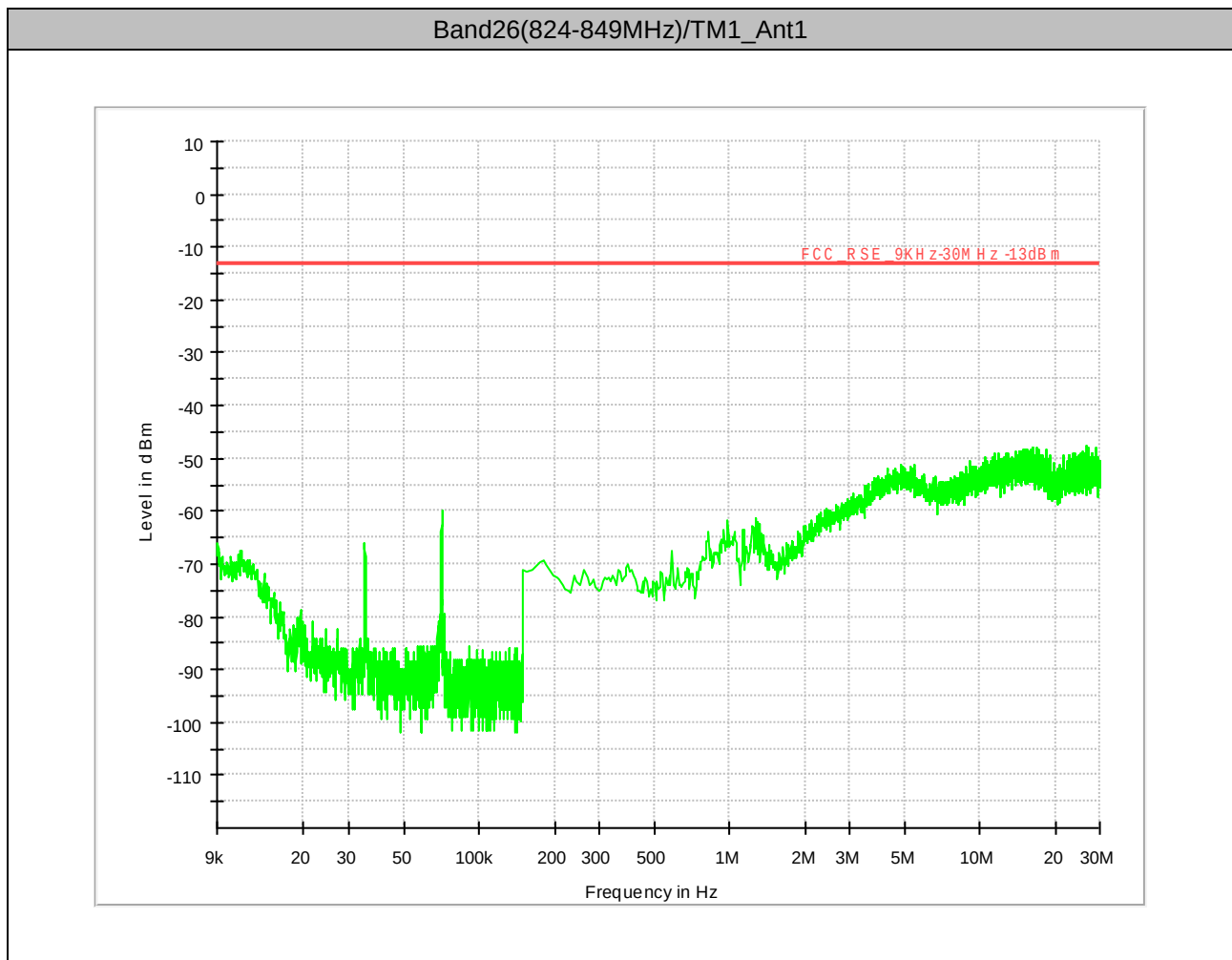
LTE FDD R SE-TX-DIRECTOR BELOW 1G_L



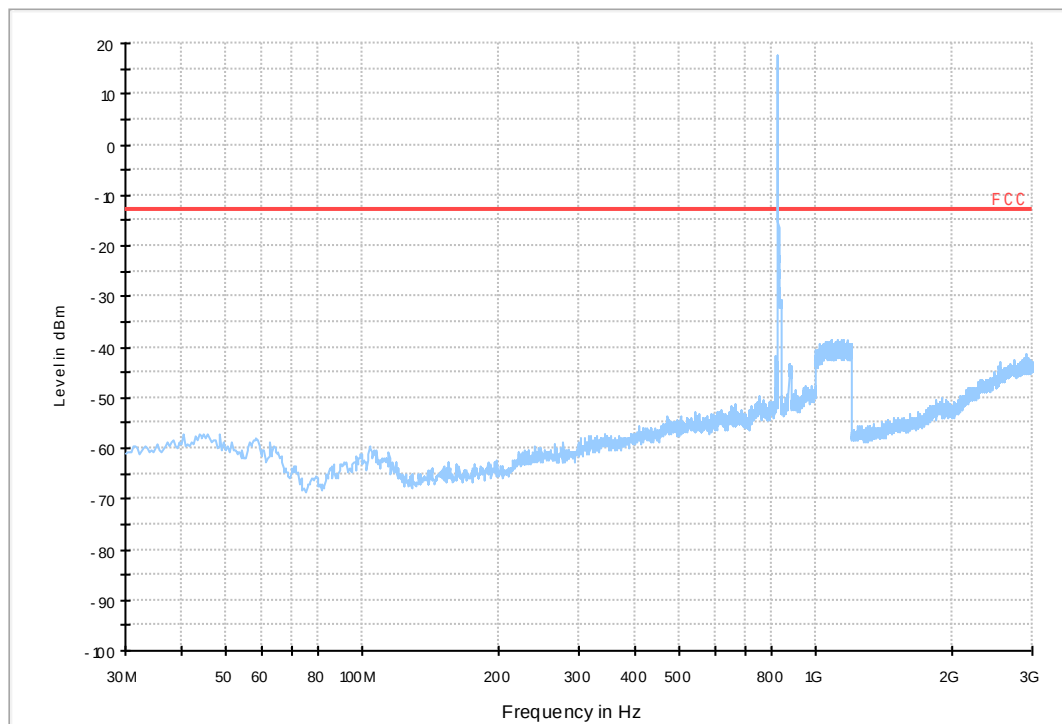
LTE FDD R SE-TX-DIRECTOR BELOW 1G_H



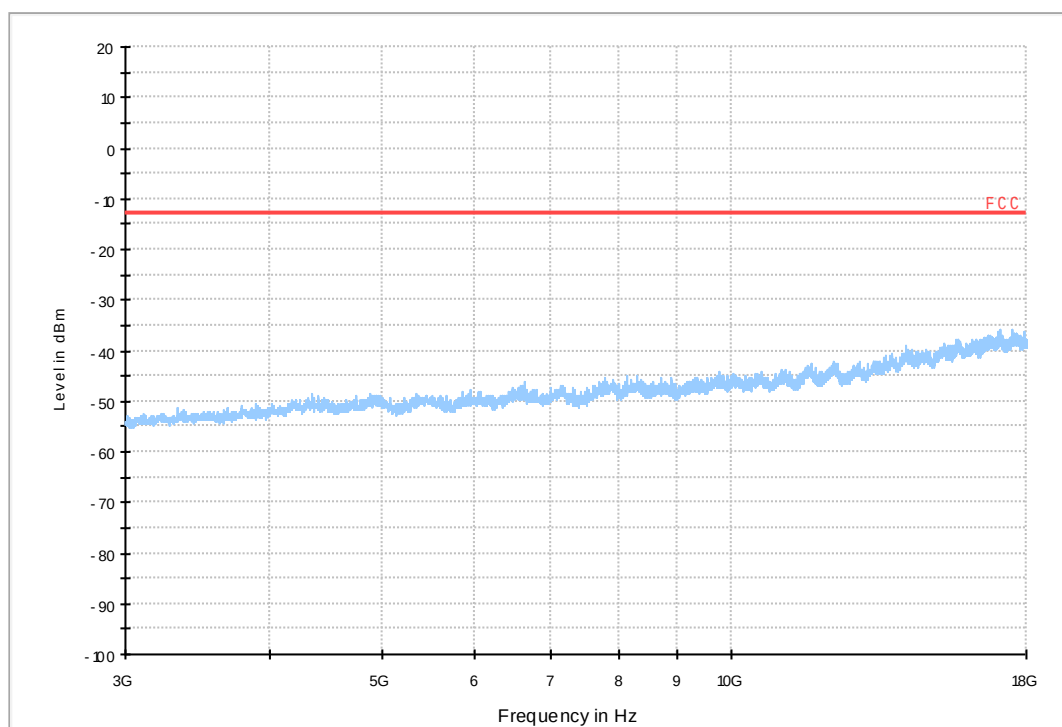
7.1.1.2 Test Bandwidth = 15



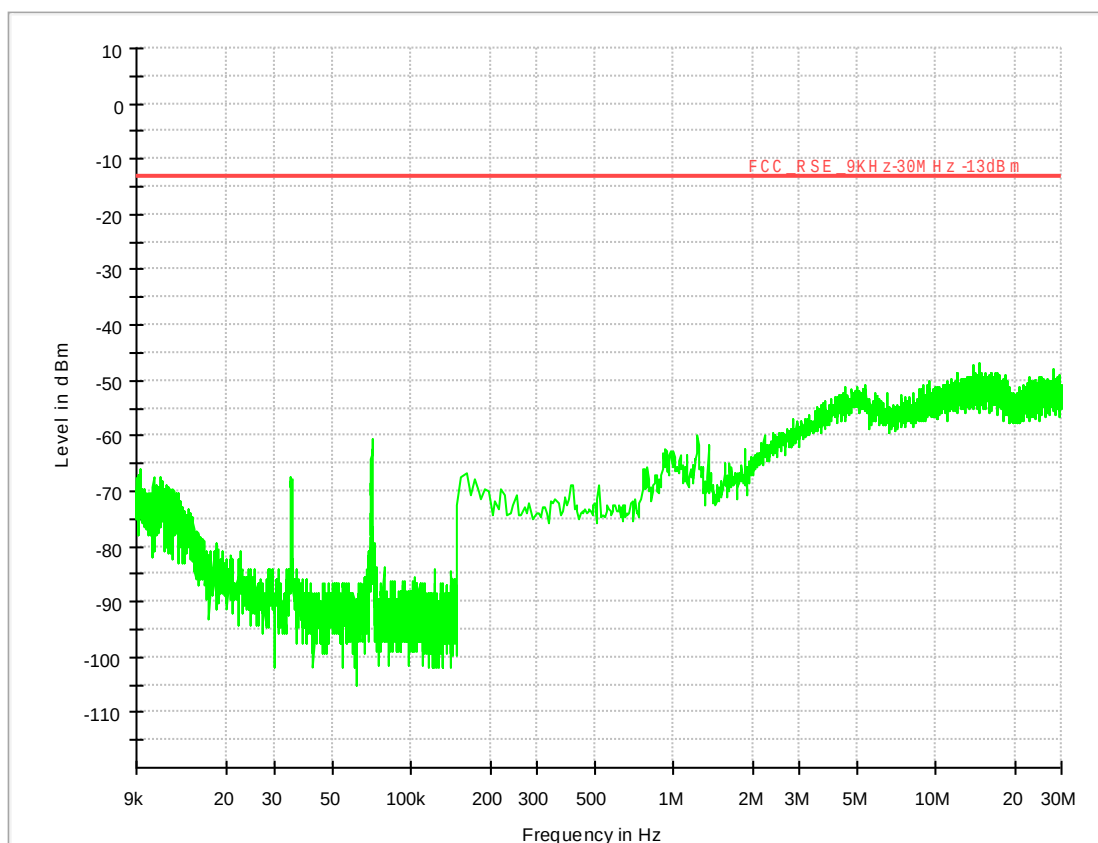
LTE FDD R SE-TX-DIRECTOR BELOW 1G_L



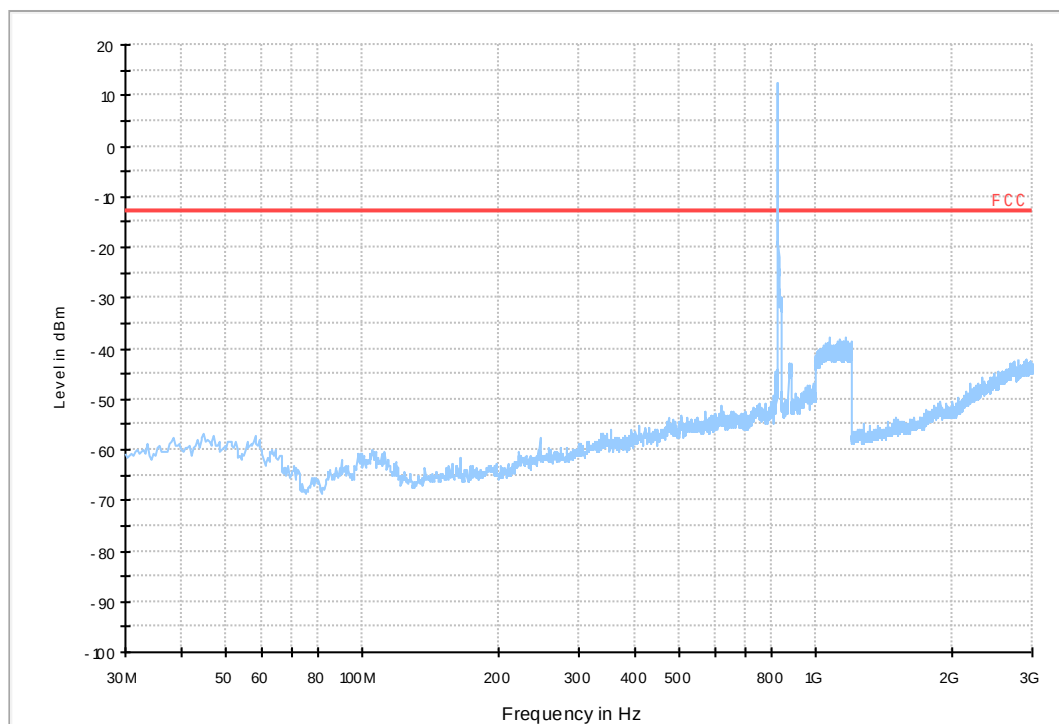
LTE FDD R SE-TX-DIRECTOR BELOW 1G_H



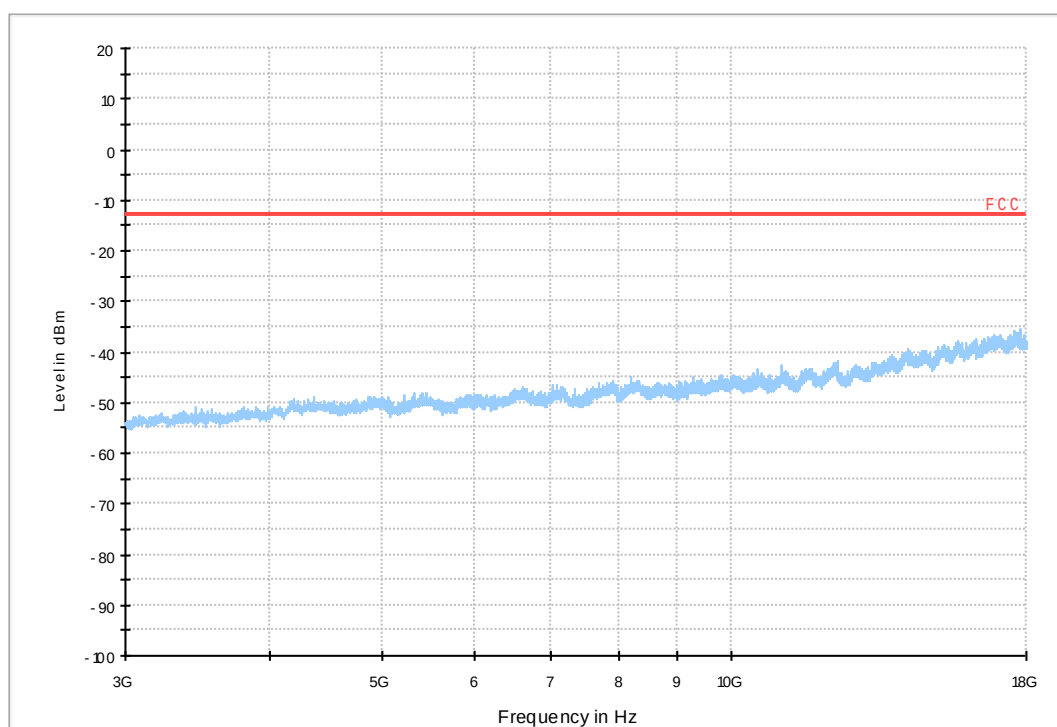
Band26(824-849MHz)/TM1_Ant2



LTE FDD RSE-TX-DIRECTOR BELOW 1G_L



LTE FDD 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(824-849 MHz)	LTE/TM1	1.4	LCH	TN	VL	-20.29896	-0.02461	PASS
					VN	-5.20706	-0.00631	PASS
					VH	9.08375	0.01101	PASS
			MCH	TN	VL	-11.60145	-0.01387	PASS
					VN	1.31607	0.00157	PASS
					VH	10.60009	0.01267	PASS
			HCH	TN	VL	9.95636	0.01174	PASS
					VN	1.13010	0.00133	PASS
					VH	-10.14233	-0.01196	PASS
		3	LCH	TN	VL	5.42164	0.00657	PASS
					VN	0.78678	0.00095	PASS
					VH	-1.65939	-0.00201	PASS
			MCH	TN	VL	4.17709	0.00499	PASS
					VN	1.30177	0.00156	PASS
					VH	-3.56197	-0.00426	PASS
			HCH	TN	VL	2.27451	0.00268	PASS
					VN	0.87261	0.00103	PASS
					VH	1.78814	0.00211	PASS
		5	LCH	TN	VL	-2.38895	-0.00289	PASS
					VN	-2.05994	-0.00249	PASS
					VH	-3.90530	-0.00473	PASS
			MCH	TN	VL	-0.10014	-0.00012	PASS
					VN	0.20027	0.00024	PASS
					VH	14.71996	0.01760	PASS
			HCH	TN	VL	-0.14305	-0.00017	PASS
					VN	0.67234	0.00079	PASS
					VH	2.71797	0.00321	PASS
		10	LCH	TN	VL	2.88963	0.00349	PASS
					VN	0.52929	0.00064	PASS
					VH	-2.88963	-0.00349	PASS
			MCH	TN	VL	2.98977	0.00357	PASS
					VN	3.03268	0.00363	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	12.35962	0.01478	PASS
					VL	4.40597	0.00522	PASS
					VN	-2.54631	-0.00302	PASS
					VH	2.27451	0.00269	PASS
		15	LCH	TN	VL	3.27587	0.00394	PASS
					VN	5.55039	0.00668	PASS
					VH	2.88963	0.00348	PASS
			MCH	TN	VL	-3.21865	-0.00385	PASS
					VN	1.87397	0.00224	PASS
					VH	3.50475	0.00419	PASS
			HCH	TN	VL	-5.32150	-0.00632	PASS
					VN	-5.24998	-0.00624	PASS
					VH	-2.34604	-0.00279	PASS
	LTE/TM2	1.4	LCH	TN	VL	5.87940	0.00713	PASS
					VN	6.95229	0.00843	PASS
					VH	0.37193	0.00045	PASS
			MCH	TN	VL	7.78198	0.00930	PASS
					VN	3.31879	0.00397	PASS
					VH	10.78606	0.01289	PASS
			HCH	TN	VL	17.60960	0.02076	PASS
					VN	14.16206	0.01669	PASS
					VH	-4.62055	-0.00545	PASS
		3	LCH	TN	VL	1.85966	0.00225	PASS
					VN	1.50204	0.00182	PASS
					VH	1.50204	0.00182	PASS
			MCH	TN	VL	7.09534	0.00848	PASS
					VN	2.16007	0.00258	PASS
					VH	-7.26700	-0.00869	PASS
			HCH	TN	VL	11.67297	0.01377	PASS
					VN	4.03404	0.00476	PASS
					VH	-2.16007	-0.00255	PASS
		5	LCH	TN	VL	-2.74658	-0.00332	PASS
					VN	2.11716	0.00256	PASS
					VH	-0.77248	-0.00093	PASS
			MCH	TN	VL	-6.25134	-0.00747	PASS
					VN	-2.13146	-0.00255	PASS
					VH	6.72340	0.00804	PASS
			HCH	TN	VL	3.90530	0.00461	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.38895	0.00282	PASS
					VH	-3.11851	-0.00368	PASS
		10	LCH	TN	VL	-7.10964	-0.00858	PASS
					VN	-3.47614	-0.00419	PASS
					VH	-5.55039	-0.00670	PASS
			MCH	TN	VL	9.51290	0.01137	PASS
					VN	7.75337	0.00927	PASS
					VH	5.20706	0.00622	PASS
			HCH	TN	VL	-2.08855	-0.00247	PASS
					VN	-1.48773	-0.00176	PASS
					VH	0.88692	0.00105	PASS
		15	LCH	TN	VL	4.92096	0.00592	PASS
					VN	2.24590	0.00270	PASS
					VH	5.60761	0.00674	PASS
			MCH	TN	VL	4.70638	0.00563	PASS
					VN	3.84808	0.00460	PASS
					VH	3.99113	0.00477	PASS
			HCH	TN	VL	0.50068	0.00059	PASS
					VN	-5.46455	-0.00649	PASS
					VH	0.64373	0.00076	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(824-849 MHz)	LTE/TM1	1.4	LCH	VN	-30	0.24319	0.00029	PASS
					-20	-7.28130	-0.00883	PASS
					-10	7.51018	0.00911	PASS
					0	-19.89841	-0.02413	PASS
					10	-6.13689	-0.00744	PASS
					20	-5.20706	-0.00631	PASS
					30	-20.88547	-0.02532	PASS
					40	9.34124	0.01133	PASS
					50	-4.94957	-0.00600	PASS
			MCH	VN	-30	-12.25948	-0.01466	PASS
					-20	9.38415	0.01122	PASS
					-10	-5.50747	-0.00658	PASS
					0	2.54631	0.00304	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-5.23567	-0.00626	PASS
					20	1.31607	0.00157	PASS
					30	11.63006	0.01390	PASS
					40	21.21449	0.02536	PASS
					50	3.04699	0.00364	PASS
			HCH	VN	-30	-12.11643	-0.01428	PASS
					-20	6.56605	0.00774	PASS
					-10	3.21865	0.00379	PASS
					0	-15.43522	-0.01820	PASS
					10	7.20978	0.00850	PASS
					20	1.13010	0.00133	PASS
					30	9.75609	0.01150	PASS
					40	-0.55790	-0.00066	PASS
					50	-17.20905	-0.02029	PASS
		3	LCH	VN	-30	4.30584	0.00522	PASS
					-20	-1.08719	-0.00132	PASS
					-10	0.47207	0.00057	PASS
					0	9.02653	0.01093	PASS
					10	-0.11444	-0.00014	PASS
					20	0.78678	0.00095	PASS
					30	2.26021	0.00274	PASS
					40	-3.11851	-0.00378	PASS
					50	1.08719	0.00132	PASS
			MCH	VN	-30	-3.31879	-0.00397	PASS
					-20	5.43594	0.00650	PASS
					-10	6.33717	0.00758	PASS
					0	4.80652	0.00575	PASS
					10	6.80924	0.00814	PASS
					20	1.30177	0.00156	PASS
					30	1.41621	0.00169	PASS
					40	3.16143	0.00378	PASS
					50	-1.07288	-0.00128	PASS
			HCH	VN	-30	10.84328	0.01279	PASS
					-20	0.97275	0.00115	PASS
					-10	8.74043	0.01031	PASS
					0	-2.91824	-0.00344	PASS
					10	3.51906	0.00415	PASS
					20	0.87261	0.00103	PASS
					30	-7.92503	-0.00935	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.44346	0.00052	PASS
					50	3.99113	0.00471	PASS
		5	LCH	VN	-30	-10.41412	-0.01260	PASS
					-20	-0.65804	-0.00080	PASS
					-10	1.53065	0.00185	PASS
					0	-5.30720	-0.00642	PASS
					10	0.91553	0.00111	PASS
					20	-2.05994	-0.00249	PASS
					30	-1.27316	-0.00154	PASS
					40	-1.63078	-0.00197	PASS
					50	-4.92096	-0.00595	PASS
			MCH	VN	-30	-4.34875	-0.00520	PASS
					-20	-2.63214	-0.00315	PASS
					-10	4.16279	0.00498	PASS
					0	1.67370	0.00200	PASS
					10	-1.74522	-0.00209	PASS
					20	0.20027	0.00024	PASS
					30	0.32902	0.00039	PASS
					40	-0.21458	-0.00026	PASS
					50	3.39031	0.00405	PASS
			HCH	VN	-30	3.94821	0.00466	PASS
					-20	0.52929	0.00063	PASS
					-10	4.90665	0.00580	PASS
					0	3.97682	0.00470	PASS
					10	-1.58787	-0.00188	PASS
					20	0.67234	0.00079	PASS
					30	1.07288	0.00127	PASS
					40	9.78470	0.01156	PASS
					50	-5.80788	-0.00686	PASS
		10	LCH	VN	-30	-4.27723	-0.00516	PASS
					-20	6.25134	0.00754	PASS
					-10	-2.81811	-0.00340	PASS
					0	2.20299	0.00266	PASS
					10	-5.17845	-0.00625	PASS
					20	0.52929	0.00064	PASS
					30	2.20299	0.00266	PASS
					40	1.15871	0.00140	PASS
					50	-7.43866	-0.00897	PASS
			MCH	VN	-30	3.53336	0.00422	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	5.87940	0.00703	PASS
					-10	4.16279	0.00498	PASS
					0	6.52313	0.00780	PASS
					10	1.84536	0.00221	PASS
					20	3.03268	0.00363	PASS
					30	6.60896	0.00790	PASS
					40	1.25885	0.00150	PASS
					50	0.37193	0.00044	PASS
			HCH	VN	-30	0.04292	0.00005	PASS
					-20	0.70095	0.00083	PASS
					-10	-3.16143	-0.00375	PASS
					0	-1.08719	-0.00129	PASS
					10	0.54359	0.00064	PASS
					20	-2.54631	-0.00302	PASS
					30	2.36034	0.00280	PASS
					40	0.42915	0.00051	PASS
					50	-0.90122	-0.00107	PASS
		15	LCH	VN	-30	4.34875	0.00523	PASS
					-20	3.00407	0.00361	PASS
					-10	0.92983	0.00112	PASS
					0	-0.45776	-0.00055	PASS
					10	-0.70095	-0.00084	PASS
					20	5.55039	0.00668	PASS
					30	1.81675	0.00218	PASS
					40	3.94821	0.00475	PASS
					50	1.18732	0.00143	PASS
			MCH	VN	-30	0.22888	0.00027	PASS
					-20	5.96523	0.00713	PASS
					-10	0.72956	0.00087	PASS
					0	2.11716	0.00253	PASS
					10	3.59058	0.00429	PASS
					20	1.87397	0.00224	PASS
					30	5.77927	0.00691	PASS
					40	-0.27180	-0.00032	PASS
					50	3.13282	0.00375	PASS
			HCH	VN	-30	-8.06808	-0.00959	PASS
					-20	-8.19683	-0.00974	PASS
					-10	-9.02653	-0.01073	PASS
					0	9.18388	0.01091	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2				10	-7.36713	-0.00875	PASS
					20	-5.24998	-0.00624	PASS
					30	-15.36369	-0.01826	PASS
					40	-1.43051	-0.00170	PASS
					50	-5.49316	-0.00653	PASS
			LCH	VN	-30	-1.70231	-0.00206	PASS
					-20	2.10285	0.00255	PASS
					-10	4.20570	0.00510	PASS
					0	-10.68592	-0.01296	PASS
					10	10.60009	0.01285	PASS
					20	6.95229	0.00843	PASS
					30	-0.20027	-0.00024	PASS
					40	-0.34332	-0.00042	PASS
					50	-7.69615	-0.00933	PASS
			MCH	VN	-30	7.58171	0.00906	PASS
					-20	-4.73499	-0.00566	PASS
					-10	-11.00063	-0.01315	PASS
					0	-14.24789	-0.01703	PASS
					10	7.03812	0.00841	PASS
					20	3.31879	0.00397	PASS
					30	9.06944	0.01084	PASS
					40	6.79493	0.00812	PASS
					50	3.11851	0.00373	PASS
			HCH	VN	-30	12.68864	0.01496	PASS
					-20	-4.07696	-0.00481	PASS
					-10	-16.17908	-0.01907	PASS
					0	-16.60824	-0.01958	PASS
					10	4.29153	0.00506	PASS
					20	14.16206	0.01669	PASS
					30	3.08990	0.00364	PASS
					40	4.50611	0.00531	PASS
					50	3.89099	0.00459	PASS
		3	LCH	VN	-30	1.58787	0.00192	PASS
					-20	-3.84808	-0.00466	PASS
					-10	3.00407	0.00364	PASS
					0	2.93255	0.00355	PASS
					10	6.07967	0.00736	PASS
					20	1.50204	0.00182	PASS
					30	3.86238	0.00468	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.21458	0.00026	PASS
					50	1.50204	0.00182	PASS
			MCH	VN	-30	0.18597	0.00022	PASS
					-20	-2.94685	-0.00352	PASS
					-10	-3.73364	-0.00446	PASS
					0	11.34396	0.01356	PASS
					10	1.04427	0.00125	PASS
					20	2.16007	0.00258	PASS
					30	-4.13418	-0.00494	PASS
					40	-0.25749	-0.00031	PASS
					50	10.51426	0.01257	PASS
			HCH	VN	-30	0.47207	0.00056	PASS
					-20	7.79629	0.00920	PASS
					-10	2.68936	0.00317	PASS
					0	4.06265	0.00479	PASS
					10	-0.61512	-0.00073	PASS
					20	4.03404	0.00476	PASS
					30	2.57492	0.00304	PASS
					40	-4.59194	-0.00542	PASS
					50	-5.06401	-0.00598	PASS
		5	LCH	VN	-30	1.84536	0.00223	PASS
					-20	0.47207	0.00057	PASS
					-10	-5.30720	-0.00642	PASS
					0	-4.53472	-0.00549	PASS
					10	0.68665	0.00083	PASS
					20	2.11716	0.00256	PASS
					30	-7.49588	-0.00907	PASS
					40	-0.40054	-0.00048	PASS
					50	2.41756	0.00293	PASS
			MCH	VN	-30	-0.67234	-0.00080	PASS
					-20	1.20163	0.00144	PASS
					-10	8.31127	0.00994	PASS
					0	-2.20299	-0.00263	PASS
					10	4.39167	0.00525	PASS
					20	-2.13146	-0.00255	PASS
					30	2.21729	0.00265	PASS
					40	2.78950	0.00333	PASS
					50	-2.41756	-0.00289	PASS
			HCH	VN	-30	4.89235	0.00578	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	6.25134	0.00738	PASS
					-10	1.70231	0.00201	PASS
					0	-3.01838	-0.00357	PASS
					10	0.78678	0.00093	PASS
					20	2.38895	0.00282	PASS
					30	3.97682	0.00470	PASS
					40	0.01431	0.00002	PASS
					50	3.41892	0.00404	PASS
		10	LCH	VN	-30	0.50068	0.00060	PASS
					-20	-1.63078	-0.00197	PASS
					-10	1.25885	0.00152	PASS
					0	-0.51498	-0.00062	PASS
					10	-5.93662	-0.00716	PASS
					20	-3.47614	-0.00419	PASS
					30	5.89371	0.00711	PASS
					40	-7.55310	-0.00911	PASS
					50	-4.96387	-0.00599	PASS
			MCH	VN	-30	10.21385	0.01221	PASS
					-20	2.01702	0.00241	PASS
					-10	1.18732	0.00142	PASS
					0	2.76089	0.00330	PASS
					10	-2.81811	-0.00337	PASS
					20	7.75337	0.00927	PASS
					30	4.59194	0.00549	PASS
					40	0.15736	0.00019	PASS
					50	-1.55926	-0.00186	PASS
			HCH	VN	-30	-3.08990	-0.00366	PASS
					-20	-1.53065	-0.00181	PASS
					-10	-4.76360	-0.00564	PASS
					0	-3.23296	-0.00383	PASS
					10	0.84400	0.00100	PASS
					20	-1.48773	-0.00176	PASS
					30	1.10149	0.00131	PASS
					40	-1.78814	-0.00212	PASS
					50	-3.11851	-0.00369	PASS
		15	LCH	VN	-30	0.18597	0.00022	PASS
					-20	2.43187	0.00292	PASS
					-10	1.50204	0.00181	PASS
					0	4.70638	0.00566	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	4.86374	0.00585	PASS
					20	2.24590	0.00270	PASS
					30	3.20435	0.00385	PASS
					40	5.19276	0.00625	PASS
					50	2.38895	0.00287	PASS
			MCH	VN	-30	2.20299	0.00263	PASS
					-20	3.61919	3.61919	PASS
					-10	-2.33173	-0.00279	PASS
					0	5.23567	0.00626	PASS
					10	3.44753	0.00412	PASS
					20	3.84808	0.00460	PASS
					30	2.81811	0.00337	PASS
					40	2.76089	0.00330	PASS
					50	1.02997	0.00123	PASS
			HCH	VN	-30	-1.10149	-0.00131	PASS
					-20	-3.63350	-0.00432	PASS
					-10	-0.28610	-0.00034	PASS
					0	3.64780	0.00433	PASS
					10	0.41485	0.00049	PASS
					20	-5.46455	-0.00649	PASS
					30	-4.57764	-0.00544	PASS
					40	-7.78198	-0.00925	PASS
					50	-3.63350	-0.00432	PASS

END