







6.2.1.1.2 Test Bandwidth = 10

6.2.1.1.2.1 Test Channel = LCH

6.2.1.1.2.1.1 Test RB = RB1#0









6.2.1.1.2.2 Test Channel = MCH

6.2.1.1.2.2.1 Test RB = RB1#0









6.2.1.1.2.3 Test Channel = HCH

6.2.1.1.2.3.1 Test RB = RB1#0









6.2.1.1.3 Test Bandwidth = 15

6.2.1.1.3.1 Test Channel = LCH

6.2.1.1.3.1.1 Test RB = RB1#0









6.2.1.1.3.2 Test Channel = MCH

6.2.1.1.3.2.1 Test RB = RB1#0









6.2.1.1.3.3 Test Channel = HCH

6.2.1.1.3.3.1 Test RB = RB1#0









6.2.1.1.4 Test Bandwidth = 20

6.2.1.1.4.1 Test Channel = LCH

6.2.1.1.4.1.1 Test RB = RB1#0







6.2.1.1.4.2 Test Channel = MCH

6.2.1.1.4.2.1 Test RB = RB1#0









6.2.1.1.4.3 Test Channel = HCH

6.2.1.1.4.3.1 Test RB = RB1#0







6.2.1.2 Test Mode = LTE/TM2

6.2.1.2.1 Test Bandwidth = 5

6.2.1.2.1.1 Test Channel = LCH

6.2.1.2.1.1.1 Test RB = RB1#0









6.2.1.2.1.2 Test Channel = MCH

6.2.1.2.1.2.1 Test RB = RB1#0







6.2.1.2.1.3 Test Channel = HCH

6.2.1.2.1.3.1 Test RB = RB1#0









6.2.1.2.2 Test Bandwidth = 10

6.2.1.2.2.1 Test Channel = LCH

6.2.1.2.2.1.1 Test RB = RB1#0









6.2.1.2.2.2 Test Channel = MCH

6.2.1.2.2.2.1 Test RB = RB1#0









6.2.1.2.2.3 Test Channel = HCH

6.2.1.2.2.3.1 Test RB = RB1#0







6.2.1.2.3 Test Bandwidth = 15

6.2.1.2.3.1 Test Channel = LCH

6.2.1.2.3.1.1 Test RB = RB1#0







6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0









6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0





6.2.1.2.4 Test Bandwidth = 20

6.2.1.2.4.1 Test Channel = LCH

6.2.1.2.4.1.1 Test RB = RB1#0







6.2.1.2.4.2 Test Channel = MCH

6.2.1.2.4.2.1 Test RB = RB1#0









6.2.1.2.4.3 Test Channel = HCH

6.2.1.2.4.3.1 Test RB = RB1#0







7Appendix_G: Frequency Stability

7.1 For LTE

7.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band38	LTE/TM1	5	LCH	TN	VL	-22.48764	-0.00874	PASS
					VN	-9.52721	-0.00370	PASS
					VH	-2.86102	-0.00111	PASS
			MCH	TN	VL	-5.77927	-0.00223	PASS
					VN	-12.14504	-0.00468	PASS
					VH	-7.83920	-0.00302	PASS
			HCH	TN	VL	-3.41892	-0.00131	PASS
					VN	-18.52512	-0.00708	PASS
					VH	-5.77927	-0.00221	PASS
		10	LCH	TN	VL	-5.77927	-0.00224	PASS
					VN	-23.11707	-0.00898	PASS
					VH	-8.25405	-0.00321	PASS
			MCH	TN	VL	-7.52449	-0.00290	PASS
					VN	-9.18388	-0.00354	PASS
					VH	-7.93934	-0.00306	PASS
			HCH	TN	VL	-14.16206	-0.00542	PASS
					VN	-27.58026	-0.01055	PASS
					VH	-14.47678	-0.00554	PASS
		15	LCH	TN	VL	-32.55844	-0.01263	PASS
					VN	-22.00127	-0.00854	PASS
					VH	-35.10475	-0.01362	PASS
			MCH	TN	VL	-9.28402	-0.00358	PASS
					VN	-11.17229	-0.00431	PASS
					VH	-10.92911	-0.00421	PASS
			HCH	TN	VL	-11.07216	-0.00424	PASS
					VN	-14.19067	-0.00543	PASS
					VH	-9.64165	-0.00369	PASS
		20	LCH	TN	VL	-19.25468	-0.00746	PASS
					VN	-23.76080	-0.00921	PASS
					VH	-22.60208	-0.00876	PASS
			MCH	TN	VL	-5.75066	-0.00222	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	-11.60145	-0.00447	PASS
					VH	-9.55582	-0.00368	PASS
			HCH	TN	VL	-6.39439	-0.00245	PASS
					VN	-17.70973	-0.00679	PASS
					VH	-7.95364	-0.00305	PASS
		5	LCH	TN	VL	-9.74178	-0.00379	PASS
					VN	-19.35482	-0.00752	PASS
					VH	-14.77718	-0.00574	PASS
			MCH	TN	VL	-5.46455	-0.00211	PASS
					VN	-20.61367	-0.00794	PASS
					VH	-7.25269	-0.00279	PASS
			HCH	TN	VL	-3.49045	-0.00133	PASS
					VN	-12.01630	-0.00459	PASS
					VH	-3.86238	-0.00148	PASS
		10	LCH	TN	VL	6.90937	0.00268	PASS
					VN	-11.47270	-0.00446	PASS
					VH	1.93119	0.00075	PASS
			MCH	TN	VL	-3.99113	-0.00154	PASS
					VN	-14.53400	-0.00560	PASS
					VH	-8.08239	-0.00311	PASS
			HCH	TN	VL	-14.09054	-0.00539	PASS
					VN	-29.21104	-0.01117	PASS
					VH	-9.01222	-0.00345	PASS
		15	LCH	TN	VL	-24.34731	-0.00945	PASS
					VN	-16.88004	-0.00655	PASS
					VH	-27.40860	-0.01063	PASS
			MCH	TN	VL	-4.87804	-0.00188	PASS
					VN	-15.85007	-0.00611	PASS
					VH	-9.14097	-0.00352	PASS
			HCH	TN	VL	-7.82490	-0.00300	PASS
					VN	-9.69887	-0.00371	PASS
					VH	-6.42300	-0.00246	PASS
		20	LCH	TN	VL	-8.28266	-0.00321	PASS
					VN	-16.20770	-0.00628	PASS
					VH	-14.10484	-0.00547	PASS
			MCH	TN	VL	-6.92368	-0.00267	PASS
					VN	-15.09190	-0.00582	PASS
					VH	-6.93798	-0.00267	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	-1.15871	-0.00044	PASS
					VN	-16.57963	-0.00635	PASS
					VH	-2.41756	-0.00093	PASS

7.1.2 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
Band38	LTE/TM1	5	LCH	VN	-30	-1.78814	-0.00070	PASS
					-20	-2.67506	-0.00104	PASS
					-10	2.07424	0.00081	PASS
					0	-1.07288	-0.00042	PASS
					10	-1.73092	-0.00067	PASS
					20	-9.52721	-0.00370	PASS
					30	-5.79357	-0.00225	PASS
					40	-8.22544	-0.00320	PASS
					50	-2.54631	-0.00099	PASS
			MCH	VN	-30	-12.21657	-0.00471	PASS
					-20	-12.13074	-0.00467	PASS
					-10	-12.03060	-0.00464	PASS
					0	-8.03947	-0.00310	PASS
					10	-15.90729	-0.00613	PASS
					20	-12.14504	-0.00468	PASS
					30	-14.86301	-0.00573	PASS
					40	-14.00471	-0.00540	PASS
					50	-8.76904	-0.00338	PASS
			HCH	VN	-30	-12.44545	-0.00475	PASS
					-20	-16.52241	-0.00631	PASS
					-10	-14.66274	-0.00560	PASS
					0	-15.12051	-0.00578	PASS
					10	-16.63685	-0.00636	PASS
					20	-18.52512	-0.00708	PASS
					30	-15.47813	-0.00591	PASS
					40	-14.64844	-0.00560	PASS
					50	-20.77103	-0.00794	PASS
		10	LCH	VN	-30	-19.08302	-0.00741	PASS
					-20	-17.05170	-0.00662	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15			-10	-20.87116	-0.00811	PASS
					0	-20.68520	-0.00803	PASS
					10	-19.76967	-0.00768	PASS
					20	-23.11707	-0.00898	PASS
					30	-23.44608	-0.00911	PASS
					40	-16.76559	-0.00651	PASS
					50	-20.47062	-0.00795	PASS
			MCH	VN	-30	-14.27650	-0.00550	PASS
					-20	-8.56876	-0.00330	PASS
					-10	-7.32422	-0.00282	PASS
					0	-8.28266	-0.00319	PASS
					10	-20.67089	-0.00797	PASS
					20	-9.18388	-0.00354	PASS
					30	-12.81738	-0.00494	PASS
					40	-8.51154	-0.00328	PASS
					50	-15.63549	-0.00603	PASS
			HCH	VN	-30	-20.64228	-0.00789	PASS
					-20	-12.81738	-0.00490	PASS
					-10	-13.90457	-0.00532	PASS
					0	-13.51833	-0.00517	PASS
					10	-1.71661	-0.00066	PASS
					20	-27.58026	-0.01055	PASS
					30	-61.68365	-0.02359	PASS
					40	-14.30511	-0.00547	PASS
					50	-14.71996	-0.00563	PASS
		15	LCH	VN	-30	-26.24989	-0.01018	PASS
					-20	-22.33028	-0.00866	PASS
					-10	-24.63341	-0.00956	PASS
					0	-26.27850	-0.01020	PASS
					10	-27.78053	-0.01078	PASS
					20	-22.00127	-0.00854	PASS
					30	-20.68520	-0.00803	PASS
					40	-23.54622	-0.00914	PASS
					50	-26.10683	-0.01013	PASS
			MCH	VN	-30	-11.42979	-0.00440	PASS
					-20	-10.81467	-0.00417	PASS
					-10	-10.91480	-0.00421	PASS
					0	-11.61575	-0.00448	PASS
					10	-10.82897	-0.00417	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-11.17229	-0.00431	PASS
					30	-9.92775	-0.00383	PASS
					40	-10.88619	-0.00420	PASS
					50	-10.95772	-0.00422	PASS
			HCH	VN	-30	-16.27922	-0.00623	PASS
					-20	-14.36234	-0.00550	PASS
					-10	-15.07759	-0.00577	PASS
					0	-15.12051	-0.00579	PASS
					10	-20.08438	-0.00769	PASS
					20	-14.19067	-0.00543	PASS
					30	-15.37800	-0.00589	PASS
					40	-10.61440	-0.00406	PASS
					50	-13.73291	-0.00526	PASS
		20	LCH	VN	-30	-23.53191	-0.00912	PASS
					-20	-26.69334	-0.01035	PASS
					-10	-25.00534	-0.00969	PASS
					0	-22.91679	-0.00888	PASS
					10	-22.05849	-0.00855	PASS
					20	-23.76080	-0.00921	PASS
					30	-23.36025	-0.00905	PASS
					40	-25.57755	-0.00980	PASS
					50	-15.85007	-0.00614	PASS
			MCH	VN	-30	-13.21793	-0.00509	PASS
					-20	-7.79629	-0.00300	PASS
					-10	-11.31535	-0.00436	PASS
					0	-12.64572	-0.00487	PASS
					10	-12.84599	-0.00495	PASS
					20	-11.60145	-0.00447	PASS
					30	-10.54287	-0.00406	PASS
					40	-16.29353	-0.00628	PASS
					50	-11.67297	-0.00450	PASS
			HCH	VN	-30	-16.17908	-0.00620	PASS
					-20	-14.21928	-0.00545	PASS
					-10	-14.11915	-0.00541	PASS
					0	-14.43386	-0.00553	PASS
					10	-13.01765	-0.00499	PASS
					20	-17.70973	-0.00679	PASS
					30	-12.71725	-0.00487	PASS
					40	-25.57755	-0.00980	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	LCH	VN	50	-14.57691	-0.00559	PASS
					-30	-20.81394	-0.00809	PASS
					-20	-18.88275	-0.00734	PASS
					-10	-17.73834	-0.00690	PASS
					0	-15.99312	-0.00622	PASS
					10	-16.65115	-0.00647	PASS
					20	-19.35482	-0.00752	PASS
					30	-21.44337	-0.00834	PASS
					40	-22.84527	-0.00888	PASS
					50	-21.82961	-0.00849	PASS
			MCH	VN	-30	-13.14640	-0.00507	PASS
					-20	-12.54559	-0.00483	PASS
					-10	-15.72132	-0.00606	PASS
					0	-13.47542	-0.00519	PASS
					10	-15.29217	-0.00589	PASS
					20	-20.61367	-0.00794	PASS
					30	-15.95020	-0.00615	PASS
					40	-14.61983	-0.00563	PASS
					50	-9.21249	-0.00355	PASS
			HCH	VN	-30	-11.41548	-0.00436	PASS
					-20	-13.03196	-0.00498	PASS
					-10	-12.05921	-0.00461	PASS
					0	-13.54694	-0.00518	PASS
					10	-14.30511	-0.00547	PASS
					20	-12.01630	-0.00459	PASS
					30	-10.97202	-0.00419	PASS
					40	-12.96043	-0.00495	PASS
					50	-13.01765	-0.00497	PASS
		10	LCH	VN	-30	-15.57827	-0.00605	PASS
					-20	-20.81394	-0.00808	PASS
					-10	-14.93454	-0.00580	PASS
					0	-16.47949	-0.00640	PASS
					10	-19.66953	-0.00764	PASS
					20	-11.47270	-0.00446	PASS
					30	-16.59393	-0.00644	PASS
					40	-19.55509	-0.00759	PASS
					50	-20.05577	-0.00779	PASS
			MCH	VN	-30	-13.08918	-0.00504	PASS
					-20	-8.33988	-0.00321	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-10.35690	-0.00399	PASS
					0	-10.28538	-0.00396	PASS
					10	-13.66138	-0.00526	PASS
					20	-14.53400	-0.00560	PASS
					30	-15.13481	-0.00583	PASS
					40	-10.60009	-0.00408	PASS
					50	-12.24518	-0.00472	PASS
			HCH	VN	-30	-15.23495	-0.00583	PASS
					-20	-11.97338	-0.00458	PASS
					-10	-11.74450	-0.00449	PASS
					0	-11.04355	-0.00422	PASS
					10	-1.60217	-0.00061	PASS
					20	-29.21104	-0.01117	PASS
					30	-86.47442	-0.03307	PASS
					40	-11.64436	-0.00445	PASS
					50	-13.57555	-0.00519	PASS
		15	LCH	VN	-30	-19.44065	-0.00754	PASS
					-20	-20.04147	-0.00778	PASS
					-10	-23.51761	-0.00912	PASS
					0	-17.18044	-0.00667	PASS
					10	-18.48221	-0.00717	PASS
					20	-16.88004	-0.00655	PASS
					30	-19.36913	-0.00751	PASS
					40	-19.56940	-0.00759	PASS
					50	-16.83712	-0.00653	PASS
			MCH	VN	-30	-12.55989	-0.00484	PASS
					-20	-13.63277	-13.63277	PASS
					-10	-7.33852	-0.00283	PASS
					0	-11.00063	-0.00424	PASS
					10	-14.09054	-0.00543	PASS
					20	-15.85007	-0.00611	PASS
					30	-13.90457	-0.00536	PASS
					40	-10.92911	-0.00421	PASS
					50	-2.26021	-0.00087	PASS
			HCH	VN	-30	-13.46111	-0.00515	PASS
					-20	-9.78470	-0.00375	PASS
					-10	-9.92775	-0.00380	PASS
					0	-9.44138	-0.00361	PASS
					10	-15.56396	-0.00596	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-9.69887	-0.00371	PASS
					30	-12.53128	-0.00480	PASS
					40	-13.30376	-0.00509	PASS
					50	-13.34667	-0.00511	PASS
		20	LCH	VN	-30	-18.38207	-0.00712	PASS
					-20	-21.38615	-0.00829	PASS
					-10	-19.69814	-0.00763	PASS
					0	-17.83848	-0.00691	PASS
					10	-18.56804	-0.00720	PASS
					20	-16.20770	-0.00628	PASS
					30	-17.88139	-0.00693	PASS
					40	-16.57963	-0.00635	PASS
					50	-15.76424	-0.00611	PASS
			MCH	VN	-30	-11.80172	-0.00455	PASS
					-20	-9.21249	-0.00355	PASS
					-10	-11.58714	-0.00447	PASS
					0	-12.57420	-0.00485	PASS
					10	-12.60281	-0.00486	PASS
					20	-15.09190	-0.00582	PASS
					30	-14.09054	-0.00543	PASS
					40	-13.31806	-0.00513	PASS
					50	-11.54423	-0.00445	PASS
			HCH	VN	-30	-14.70566	-0.00563	PASS
					-20	-10.24246	-0.00392	PASS
					-10	-11.83033	-0.00453	PASS
					0	-12.15935	-0.00466	PASS
					10	-5.00679	-0.00192	PASS
					20	-16.57963	-0.00635	PASS
					30	-9.81331	-0.00376	PASS
					40	-19.55509	-0.00749	PASS
					50	-12.25948	-0.00470	PASS

END