

6.2.1.2.3.2 Test Channel = MCH

6.2.1.2.3.2.1 Test RB = RB1#0





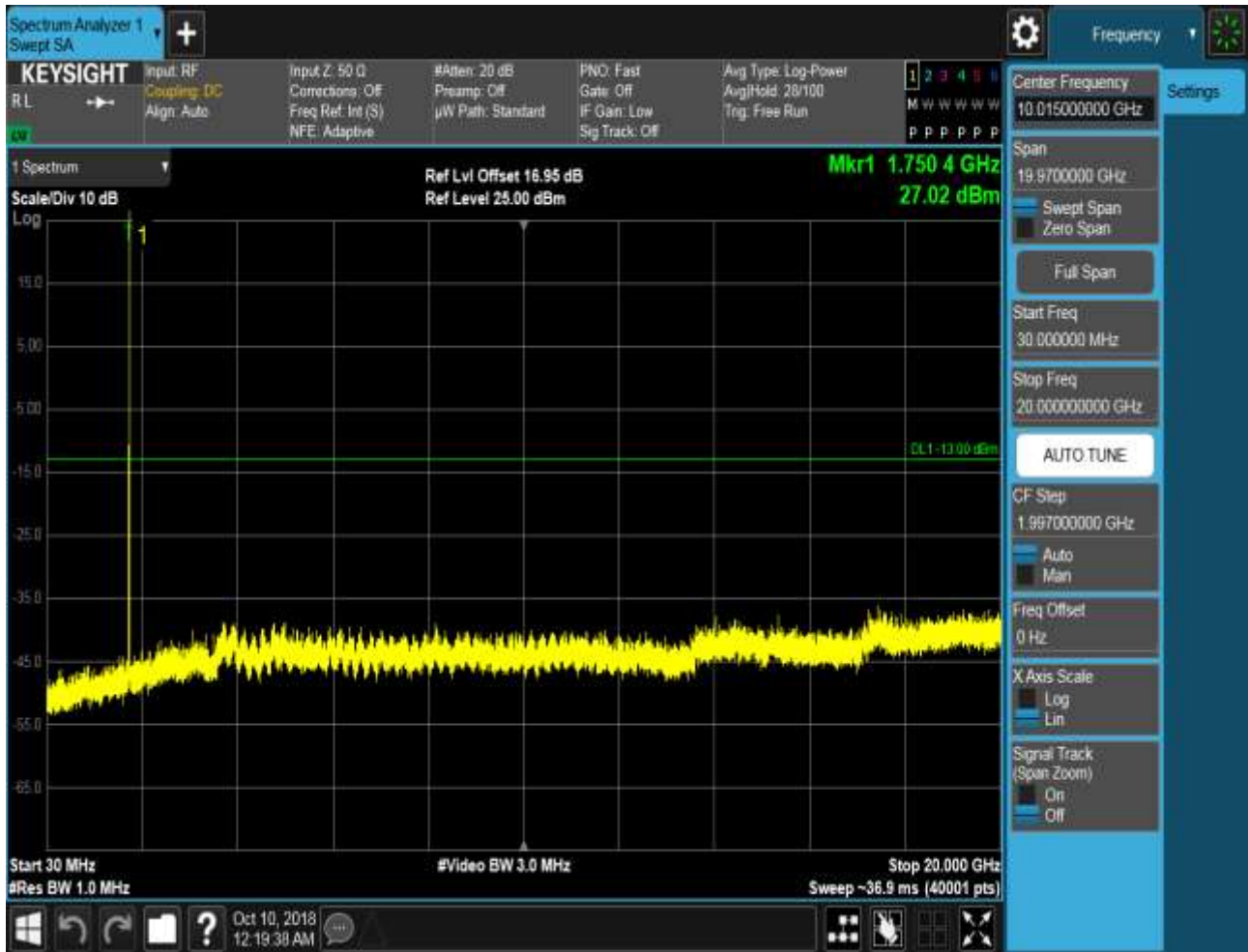


6.2.1.2.3.3 Test Channel = HCH

6.2.1.2.3.3.1 Test RB = RB1#0









6.2.1.2.4 Test Bandwidth = 10

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







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









6.2.1.2.5.3.1 Test RB = RB1#0





6.2.1.2.6 Test Bandwidth = 20

6.2.1.2.6.1 Test Channel = LCH

6.2.1.2.6.1.1 Test RB = RB1#0







6.2.1.2.6.2 Test Channel = MCH

6.2.1.2.6.2.1 Test RB = RB1#0







6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 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
Band4	LTE/TM1	1.4	LCH	TN	VL	-10.04219	-0.00587	PASS
					VN	-178.37050	-0.10427	PASS
					VH	-307.78880	-0.17992	PASS
			MCH	TN	VL	6.10828	0.00353	PASS
					VN	-95.54386	-0.05515	PASS
					VH	-151.40530	-0.08739	PASS
			HCH	TN	VL	-8.29697	-0.00473	PASS
					VN	-13.81874	-0.00788	PASS
					VH	-9.46999	-0.00540	PASS
		3	LCH	TN	VL	0.35763	0.00021	PASS
					VN	-14.37664	-0.00840	PASS
					VH	-6.62327	-0.00387	PASS
			MCH	TN	VL	6.48022	0.00374	PASS
					VN	-6.16550	-0.00356	PASS
					VH	7.19547	0.00415	PASS
			HCH	TN	VL	0.38624	0.00022	PASS
					VN	-6.98090	-0.00398	PASS
					VH	-2.70367	-0.00154	PASS
		5	LCH	TN	VL	-8.96931	-0.00524	PASS
					VN	-13.96179	-0.00815	PASS
					VH	-13.17501	-0.00769	PASS
			MCH	TN	VL	2.46048	0.00142	PASS
					VN	0.94414	0.00054	PASS
					VH	1.47343	0.00085	PASS
			HCH	TN	VL	-3.61919	-0.00207	PASS
					VN	-5.40733	-0.00309	PASS
					VH	-2.23160	-0.00127	PASS
		10	LCH	TN	VL	-4.72069	-0.00275	PASS
					VN	-5.93662	-0.00346	PASS
					VH	-7.09534	-0.00414	PASS
			MCH	TN	VL	-0.75817	-0.00044	PASS
					VN	-1.28746	-0.00074	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2		HCH	TN	VH	2.56062	0.00148	PASS
					VL	-2.26021	-0.00129	PASS
					VN	-2.80380	-0.00160	PASS
					VH	-2.44618	-0.00140	PASS
		15	LCH	TN	VL	-4.23431	-0.00247	PASS
					VN	-8.36849	-0.00487	PASS
					VH	-6.69479	-0.00390	PASS
			MCH	TN	VL	1.58787	0.00092	PASS
					VN	-1.00136	-0.00058	PASS
					VH	1.44482	0.00083	PASS
			HCH	TN	VL	-4.04835	-0.00232	PASS
					VN	-0.65804	-0.00038	PASS
					VH	-2.77519	-0.00159	PASS
		20	LCH	TN	VL	-5.30720	-0.00309	PASS
					VN	-7.89642	-0.00459	PASS
					VH	-6.70910	-0.00390	PASS
			MCH	TN	VL	0.84400	0.00049	PASS
					VN	0.35763	0.00021	PASS
					VH	1.98841	0.00115	PASS
			HCH	TN	VL	-1.18732	-0.00068	PASS
					VN	-3.41892	-0.00196	PASS
					VH	-0.50068	-0.00029	PASS
		1.4	LCH	TN	VL	-0.45776	-0.00027	PASS
					VN	-159.13010	-0.09302	PASS
					VH	-13.73291	-0.00803	PASS
			MCH	TN	VL	96.78841	0.05587	PASS
					VN	-50.92621	-0.02939	PASS
					VH	-20.88547	-0.01206	PASS
			HCH	TN	VL	-41.87107	-0.02387	PASS
					VN	-9.85622	-0.00562	PASS
					VH	-11.28674	-0.00643	PASS
		3	LCH	TN	VL	-1.27316	-0.00074	PASS
					VN	-8.58307	-0.00501	PASS
					VH	-5.76496	-0.00337	PASS
			MCH	TN	VL	6.89506	0.00398	PASS
					VN	-13.93318	-0.00804	PASS
					VH	-7.86781	-0.00454	PASS
			HCH	TN	VL	-1.13010	-0.00064	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-5.66483	-0.00323	PASS
					VH	-1.15871	-0.00066	PASS
		5	LCH	TN	VL	-6.52313	-0.00381	PASS
					VN	-7.96795	-0.00465	PASS
					VH	-6.68049	-0.00390	PASS
			MCH	TN	VL	-0.15736	-0.00009	PASS
					VN	-11.37257	-0.00656	PASS
					VH	-1.07288	-0.00062	PASS
			HCH	TN	VL	0.48637	0.00028	PASS
					VN	-6.39439	-0.00365	PASS
					VH	-1.15871	-0.00066	PASS
		10	LCH	TN	VL	-1.90258	-0.00111	PASS
					VN	-6.39439	-0.00373	PASS
					VH	-6.85215	-0.00400	PASS
			MCH	TN	VL	-1.24455	-0.00072	PASS
					VN	-1.61648	-0.00093	PASS
					VH	2.93255	0.00169	PASS
			HCH	TN	VL	2.33173	0.00133	PASS
					VN	-3.57628	-0.00204	PASS
					VH	-3.60489	-0.00206	PASS
		15	LCH	TN	VL	-0.40054	-0.00023	PASS
					VN	-6.55174	-0.00381	PASS
					VH	-1.73092	-0.00101	PASS
			MCH	TN	VL	2.48909	0.00144	PASS
					VN	-0.25749	-0.00015	PASS
					VH	1.38760	0.00080	PASS
			HCH	TN	VL	-0.14305	-0.00008	PASS
					VN	0.47207	0.00027	PASS
					VH	-2.78950	-0.00160	PASS
		20	LCH	TN	VL	0.05722	0.00003	PASS
					VN	-7.23839	-0.00421	PASS
					VH	-2.91824	-0.00170	PASS
			MCH	TN	VL	2.18868	0.00126	PASS
					VN	-0.25749	-0.00015	PASS
					VH	2.01702	0.00116	PASS
			HCH	TN	VL	1.90258	0.00109	PASS
					VN	-0.47207	-0.00027	PASS
					VH	1.02997	0.00059	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
Band4	LTE/TM1	1.4	LCH	VN	-30	-75.31643	-0.04403	PASS
					-20	72.82734	0.04257	PASS
					-10	-72.35527	-0.04230	PASS
					0	-37.96577	-0.02219	PASS
					10	-79.22173	-0.04631	PASS
					20	-178.37050	-0.10427	PASS
					30	15.10620	0.00883	PASS
					40	-61.02562	-0.03567	PASS
					50	-7.51018	-0.00439	PASS
			MCH	VN	-30	-186.12380	-0.10743	PASS
					-20	-42.92965	-0.02478	PASS
					-10	-69.36550	-0.04004	PASS
					0	14.44817	0.00834	PASS
					10	-21.85822	-0.01262	PASS
					20	-95.54386	-0.05515	PASS
					30	10.80036	0.00623	PASS
					40	11.44409	0.00661	PASS
					50	-72.54124	-0.04187	PASS
			HCH	VN	-30	-13.17501	-0.00751	PASS
					-20	18.25333	0.01040	PASS
					-10	-10.97202	-0.00625	PASS
					0	20.39909	0.01163	PASS
					10	-16.55102	-0.00943	PASS
					20	-13.81874	-0.00788	PASS
					30	-9.44138	-0.00538	PASS
					40	-74.68700	-0.04257	PASS
					50	-31.67152	-0.01805	PASS
		3	LCH	VN	-30	-14.19067	-0.00829	PASS
					-20	-8.75473	-0.00512	PASS
					-10	-10.19955	-0.00596	PASS
					0	-8.13961	-0.00476	PASS
					10	-12.00199	-0.00701	PASS
					20	-14.37664	-0.00840	PASS
					30	-13.74722	-0.00803	PASS
					40	-10.95772	-0.00640	PASS
					50	-14.93454	-0.00873	PASS
			MCH	VN	-30	5.99384	0.00346	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-6.90937	-0.00399	PASS
					-10	-6.35147	-0.00367	PASS
					0	-5.23567	-0.00302	PASS
					10	-2.46048	-0.00142	PASS
					20	-6.16550	-0.00356	PASS
					30	-3.74794	-0.00216	PASS
					40	-3.66211	-0.00211	PASS
					50	0.95844	0.00055	PASS
			HCH	VN	-30	-7.98225	-0.00455	PASS
					-20	-4.57764	-0.00261	PASS
					-10	-6.09398	-0.00348	PASS
					0	-4.99249	-0.00285	PASS
					10	-7.22408	-0.00412	PASS
					20	-6.98090	-0.00398	PASS
					30	-5.26428	-0.00300	PASS
					40	-5.76496	-0.00329	PASS
					50	-4.07696	-0.00233	PASS
		5	LCH	VN	-30	-16.93726	-0.00989	PASS
					-20	-15.22064	-0.00889	PASS
					-10	-11.94477	-0.00698	PASS
					0	-13.36098	-0.00780	PASS
					10	-9.58443	-0.00560	PASS
					20	-13.96179	-0.00815	PASS
					30	-15.76424	-0.00921	PASS
					40	-13.24654	-0.00774	PASS
					50	-17.68112	-0.01032	PASS
			MCH	VN	-30	0.08583	0.00005	PASS
					-20	-13.30376	-0.00768	PASS
					-10	-5.42164	-0.00313	PASS
					0	-8.68320	-0.00501	PASS
					10	-3.54767	-0.00205	PASS
					20	0.94414	0.00054	PASS
					30	7.65324	0.00442	PASS
					40	-8.69751	-0.00502	PASS
					50	0.58651	0.00034	PASS
			HCH	VN	-30	-5.87940	-0.00335	PASS
					-20	-6.88076	-0.00393	PASS
					-10	-7.55310	-0.00431	PASS
					0	-4.37737	-0.00250	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-6.49452	-0.00371	PASS
					20	-5.40733	-0.00309	PASS
					30	-4.53472	-0.00259	PASS
					40	-4.54903	-0.00260	PASS
					50	-5.87940	-0.00335	PASS
		10	LCH	VN	-30	-5.87940	-0.00343	PASS
					-20	-9.42707	-0.00550	PASS
					-10	-7.09534	-0.00414	PASS
					0	-10.67162	-0.00622	PASS
					10	-8.09670	-0.00472	PASS
					20	-5.93662	-0.00346	PASS
					30	-11.28674	-0.00658	PASS
					40	-11.15799	-0.00651	PASS
					50	-11.22952	-0.00655	PASS
			MCH	VN	-30	-3.69072	-0.00213	PASS
					-20	-5.22137	-0.00301	PASS
					-10	-3.08990	-0.00178	PASS
					0	-3.23296	-0.00187	PASS
					10	1.41621	0.00082	PASS
					20	-1.28746	-0.00074	PASS
					30	-6.19412	-0.00358	PASS
					40	-4.83513	-0.00279	PASS
					50	-3.21865	-0.00186	PASS
			HCH	VN	-30	-1.43051	-0.00082	PASS
					-20	-9.51290	-0.00544	PASS
					-10	-4.06265	-0.00232	PASS
					0	-0.77248	-0.00044	PASS
					10	-3.50475	-0.00200	PASS
					20	-2.80380	-0.00160	PASS
					30	-4.40597	-0.00252	PASS
					40	-5.32150	-0.00304	PASS
					50	-5.80788	-0.00332	PASS
		15	LCH	VN	-30	-7.65324	-0.00446	PASS
					-20	-10.39982	-0.00606	PASS
					-10	-7.06673	-0.00411	PASS
					0	-11.08646	-0.00645	PASS
					10	-9.75609	-0.00568	PASS
					20	-8.36849	-0.00487	PASS
					30	-10.77175	-0.00627	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-9.79900	-0.00571	PASS
					50	-10.45704	-0.00609	PASS
			MCH	VN	-30	-1.30177	-0.00075	PASS
					-20	-5.85079	-0.00338	PASS
					-10	-3.20435	-0.00185	PASS
					0	-5.92232	-0.00342	PASS
					10	-0.41485	-0.00024	PASS
					20	-1.00136	-0.00058	PASS
					30	-1.97411	-0.00114	PASS
					40	-3.86238	-0.00223	PASS
					50	-2.58923	-0.00149	PASS
			HCH	VN	-30	-1.24455	-0.00071	PASS
					-20	-7.26700	-0.00416	PASS
					-10	-2.57492	-0.00147	PASS
					0	-2.51770	-0.00144	PASS
					10	-2.33173	-0.00133	PASS
					20	-0.65804	-0.00038	PASS
					30	-6.82354	-0.00390	PASS
					40	-1.20163	-0.00069	PASS
					50	-2.74658	-0.00157	PASS
		20	LCH	VN	-30	-8.25405	-0.00480	PASS
					-20	-8.64029	-0.00502	PASS
					-10	-7.32422	-0.00426	PASS
					0	-8.09670	-0.00471	PASS
					10	-8.08239	-0.00470	PASS
					20	-7.89642	-0.00459	PASS
					30	-7.46727	-0.00434	PASS
					40	-9.29833	-0.00541	PASS
					50	-7.28130	-0.00423	PASS
			MCH	VN	-30	-3.08990	-0.00178	PASS
					-20	-5.39303	-0.00311	PASS
					-10	-3.31879	-0.00192	PASS
					0	-5.39303	-0.00311	PASS
					10	-1.00136	-0.00058	PASS
					20	0.35763	0.00021	PASS
					30	-4.09126	-0.00236	PASS
					40	-2.36034	-0.00136	PASS
					50	-1.11580	-0.00064	PASS
			HCH	VN	-30	-2.13146	-0.00122	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-4.26292	-0.00244	PASS
					-10	-2.83241	-0.00162	PASS
					0	-2.40326	-0.00138	PASS
					10	-1.43051	-0.00082	PASS
					20	-3.41892	-0.00196	PASS
					30	-2.56062	-0.00147	PASS
					40	-3.60489	-0.00207	PASS
					50	-1.61648	-0.00093	PASS
	LTE/TM2	1.4	LCH	VN	-30	-108.30400	-0.06331	PASS
					-20	-62.97112	-0.03681	PASS
					-10	-19.21177	-0.01123	PASS
					0	-110.77880	-0.06476	PASS
					10	-102.25300	-0.05977	PASS
					20	-159.13010	-0.09302	PASS
					30	-23.37456	-0.01366	PASS
					40	3.39031	0.00198	PASS
					50	-8.28266	-0.00484	PASS
			MCH	VN	-30	-23.18859	-0.01338	PASS
					-20	11.28674	0.00651	PASS
					-10	32.85885	0.01897	PASS
					0	-168.91480	-0.09750	PASS
					10	-58.82263	-0.03395	PASS
					20	-50.92621	-0.02939	PASS
					30	-108.91910	-0.06287	PASS
					40	-24.21856	-0.01398	PASS
					50	-46.30566	-0.02673	PASS
			HCH	VN	-30	-9.54151	-0.00544	PASS
					-20	-81.41041	-0.04641	PASS
					-10	-9.08375	-0.00518	PASS
					0	-8.55446	-0.00488	PASS
					10	-5.30720	-0.00303	PASS
					20	-9.85622	-0.00562	PASS
					30	-12.87460	-0.00734	PASS
					40	-40.51208	-0.02309	PASS
					50	-14.96315	-0.00853	PASS
		3	LCH	VN	-30	-8.56876	-0.00501	PASS
					-20	-5.45025	-0.00318	PASS
					-10	-1.08719	-0.00064	PASS
					0	-4.66347	-0.00272	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-6.58035	-0.00384	PASS
					20	-8.58307	-0.00501	PASS
					30	-12.25948	-0.00716	PASS
					40	-7.59602	-0.00444	PASS
					50	0.05722	0.00003	PASS
			MCH	VN	-30	2.78950	0.00161	PASS
					-20	-13.10349	-0.00756	PASS
					-10	-7.16686	-0.00414	PASS
					0	-2.56062	-0.00148	PASS
					10	-8.78334	-0.00507	PASS
					20	-13.93318	-0.00804	PASS
					30	-7.05242	-0.00407	PASS
					40	-0.52929	-0.00031	PASS
					50	10.48565	0.00605	PASS
			HCH	VN	-30	-7.22408	-0.00412	PASS
					-20	-3.54767	-0.00202	PASS
					-10	-6.42300	-0.00366	PASS
					0	-5.97954	-0.00341	PASS
					10	-4.77791	-0.00272	PASS
					20	-5.66483	-0.00323	PASS
					30	-5.46455	-0.00312	PASS
					40	-1.51634	-0.00086	PASS
					50	-4.64916	-0.00265	PASS
		5	LCH	VN	-30	-14.59122	-0.00852	PASS
					-20	-13.43250	-0.00784	PASS
					-10	-12.98904	-0.00758	PASS
					0	-14.67705	-0.00857	PASS
					10	-14.16206	-0.00827	PASS
					20	-7.96795	-0.00465	PASS
					30	-11.88755	-0.00694	PASS
					40	-11.30104	-0.00660	PASS
					50	-13.20362	-0.00771	PASS
			MCH	VN	-30	2.04563	0.00118	PASS
					-20	-13.84735	-0.00799	PASS
					-10	-5.14984	-0.00297	PASS
					0	-5.90801	-0.00341	PASS
					10	2.46048	0.00142	PASS
					20	-11.37257	-0.00656	PASS
					30	7.19547	0.00415	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-5.70774	-0.00329	PASS
					50	-5.65052	-0.00326	PASS
			HCH	VN	-30	-3.99113	-0.00228	PASS
					-20	-7.53880	-0.00430	PASS
					-10	-1.85966	-0.00106	PASS
					0	-7.13825	-0.00407	PASS
					10	-5.40733	-0.00309	PASS
					20	-6.39439	-0.00365	PASS
					30	-6.55174	-0.00374	PASS
					40	-6.45161	-0.00368	PASS
					50	-6.09398	-0.00348	PASS
		10	LCH	VN	-30	-5.24998	-0.00306	PASS
					-20	-5.76496	-0.00336	PASS
					-10	-6.19412	-0.00361	PASS
					0	-7.41005	-0.00432	PASS
					10	-6.30856	-0.00368	PASS
					20	-6.39439	-0.00373	PASS
					30	-10.41412	-0.00607	PASS
					40	-3.96252	-0.00231	PASS
					50	-7.43866	-0.00434	PASS
			MCH	VN	-30	-6.58035	-0.00380	PASS
					-20	-10.39982	-0.00600	PASS
					-10	-5.86510	-0.00339	PASS
					0	-6.02245	-0.00348	PASS
					10	-0.67234	-0.00039	PASS
					20	-1.61648	-0.00093	PASS
					30	-5.83649	-0.00337	PASS
					40	-8.26836	-0.00477	PASS
					50	-0.77248	-0.00045	PASS
			HCH	VN	-30	-4.87804	-0.00279	PASS
					-20	-5.40733	-0.00309	PASS
					-10	-6.20842	-0.00355	PASS
					0	-4.26292	-0.00244	PASS
					10	-3.91960	-0.00224	PASS
					20	-3.57628	-0.00204	PASS
					30	-5.04971	-0.00289	PASS
					40	-1.24455	-0.00071	PASS
					50	-5.60761	-0.00320	PASS
		15	LCH	VN	-30	-6.52313	-0.00380	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-7.45296	-0.00434	PASS
					-10	-5.77927	-0.00336	PASS
					0	-6.58035	-0.00383	PASS
					10	-5.69344	-0.00331	PASS
					20	-6.55174	-0.00381	PASS
					30	-8.98361	-0.00523	PASS
					40	-6.05106	-0.00352	PASS
					50	-7.96795	-0.00464	PASS
			MCH	VN	-30	0.45776	0.00026	PASS
					-20	-5.63621	-5.63621	PASS
					-10	-3.83377	-0.00221	PASS
					0	-5.39303	-0.00311	PASS
					10	-4.30584	-0.00249	PASS
					20	-0.25749	-0.00015	PASS
					30	-0.48637	-0.00028	PASS
					40	-3.83377	-0.00221	PASS
					50	-1.81675	-0.00105	PASS
			HCH	VN	-30	-0.12875	-0.00007	PASS
					-20	-2.98977	-0.00171	PASS
					-10	-0.10014	-0.00006	PASS
					0	-1.17302	-0.00067	PASS
					10	-3.40462	-0.00195	PASS
					20	0.47207	0.00027	PASS
					30	-3.67641	-0.00210	PASS
					40	-2.84672	-0.00163	PASS
					50	-0.51498	-0.00029	PASS
		20	LCH	VN	-30	-5.10693	-0.00297	PASS
					-20	-5.40733	-0.00314	PASS
					-10	-6.36578	-0.00370	PASS
					0	-5.47886	-0.00319	PASS
					10	-6.70910	-0.00390	PASS
					20	-7.23839	-0.00421	PASS
					30	-6.83784	-0.00398	PASS
					40	-6.46591	-0.00376	PASS
					50	-5.97954	-0.00348	PASS
			MCH	VN	-30	-1.21593	-0.00070	PASS
					-20	-3.50475	-0.00202	PASS
					-10	-0.94414	-0.00054	PASS
					0	-5.04971	-0.00291	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.00000	0.00000	PASS
					20	-0.25749	-0.00015	PASS
					30	-3.77655	-0.00218	PASS
					40	-2.71797	-0.00157	PASS
					50	-2.77519	-0.00160	PASS
			HCH	VN	-30	-3.00407	-0.00172	PASS
					-20	-2.98977	-0.00171	PASS
					-10	-1.44482	-0.00083	PASS
					0	-2.20299	-0.00126	PASS
					10	-2.83241	-0.00162	PASS
					20	-0.47207	-0.00027	PASS
					30	-4.37737	-0.00251	PASS
					40	-0.98705	-0.00057	PASS
					50	-3.56197	-0.00204	PASS

END