

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	0.80	0.00096	PASS
					VN	1.53	0.00183	PASS
					VH	1.70	0.00203	PASS
			HCH	TN	VL	-1.57	-0.00185	PASS
					VN	-1.99	-0.00235	PASS
					VH	-2.10	-0.00248	PASS
			LCH	TN	VL	1.60	0.00193	PASS
					VN	0.90	0.00109	PASS
					VH	0.86	0.00104	PASS
		10	MCH	TN	VL	1.02	0.00122	PASS
					VN	0.39	0.00047	PASS
					VH	1.33	0.00159	PASS
			HCH	TN	VL	-0.80	-0.00095	PASS
					VN	0.59	0.0007	PASS
					VH	-0.51	-0.0006	PASS
	LTE/TM2	1.4	LCH	TN	VL	-1.27	-0.00154	PASS
					VN	-1.00	-0.00121	PASS
					VH	-0.59	-0.00072	PASS
			MCH	TN	VL	3.71	0.00444	PASS
					VN	4.32	0.00516	PASS
					VH	3.68	0.0044	PASS
			HCH	TN	VL	-0.70	-0.00083	PASS
					VN	-1.13	-0.00133	PASS
					VH	-2.12	-0.0025	PASS
		3	LCH	TN	VL	-1.56	-0.00189	PASS
					VN	-2.75	-0.00333	PASS
					VH	-1.29	-0.00156	PASS
			MCH	TN	VL	0.69	0.00082	PASS
					VN	-0.50	-0.0006	PASS
					VH	-0.83	-0.00099	PASS
			HCH	TN	VL	-3.91	-0.00461	PASS
					VN	-3.38	-0.00399	PASS
					VH	-2.35	-0.00277	PASS
		5	LCH	TN	VL	-0.84	-0.00102	PASS
					VN	-0.44	-0.00053	PASS
					VH	-0.72	-0.00087	PASS
			MCH	TN	VL	0.99	0.00118	PASS
					VN	0.72	0.00086	PASS
					VH	-0.23	-0.00027	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	-2.02	-0.00239	PASS
					VN	-2.29	-0.00271	PASS
					VH	-2.78	-0.00328	PASS
		10	LCH	TN	VL	1.00	0.00121	PASS
					VN	0.80	0.00097	PASS
					VH	0.77	0.00093	PASS
			MCH	TN	VL	1.03	0.00123	PASS
					VN	0.90	0.00108	PASS
					VH	0.60	0.00072	PASS
			HCH	TN	VL	0.62	0.00073	PASS
					VN	-0.31	-0.00037	PASS
					VH	-0.39	-0.00046	PASS

8.3.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	0.24	0.00029	PASS
					-20	-0.43	-0.00052	PASS
					-10	-1.70	-0.00206	PASS
					0	0.40	0.00049	PASS
					10	-1.29	-0.00156	PASS
					20	-1.83	-0.00222	PASS
					30	0.76	0.00092	PASS
					40	0.94	0.00114	PASS
					50	0.07	0.00008	PASS
			MCH	VN	-30	3.22	0.00385	PASS
					-20	-0.24	-0.00029	PASS
					-10	1.27	0.00152	PASS
					0	-1.46	-0.00175	PASS
					10	0.74	0.00088	PASS
					20	1.06	0.00127	PASS
					30	1.44	0.00172	PASS
					40	2.09	0.0025	PASS
					50	1.03	0.00123	PASS
			HCH	VN	-30	-3.48	-0.0041	PASS
					-20	-2.99	-0.00352	PASS
					-10	-1.53	-0.0018	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-4.41	-0.0052	PASS
					10	-4.13	-0.00487	PASS
					20	-2.00	-0.00236	PASS
					30	-3.33	-0.00393	PASS
					40	0.10	0.00012	PASS
					50	-3.08	-0.00363	PASS
		3	LCH	VN	-30	-1.63	-0.00197	PASS
					-20	-1.56	-0.00189	PASS
					-10	-1.53	-0.00185	PASS
					0	-0.06	-0.00007	PASS
					10	-2.96	-0.00359	PASS
					20	-1.04	-0.00126	PASS
					30	-0.36	-0.00044	PASS
					40	-2.12	-0.00257	PASS
					50	-3.69	-0.00447	PASS
			MCH	VN	-30	1.86	0.00222	PASS
					-20	2.96	0.00354	PASS
					-10	1.76	0.0021	PASS
					0	2.02	0.00241	PASS
					10	2.42	0.00289	PASS
					20	2.27	0.00271	PASS
					30	0.60	0.00072	PASS
					40	-0.73	-0.00087	PASS
					50	-0.06	-0.00007	PASS
			HCH	VN	-30	-1.29	-0.00152	PASS
					-20	0.53	0.00063	PASS
					-10	-0.56	-0.00066	PASS
					0	0.09	0.00011	PASS
					10	-0.30	-0.00035	PASS
					20	-0.86	-0.00101	PASS
					30	1.00	0.00118	PASS
					40	0.47	0.00055	PASS
					50	0.43	0.00051	PASS
		5	LCH	VN	-30	-0.17	-0.00021	PASS
					-20	-2.03	-0.00246	PASS
					-10	-1.13	-0.00137	PASS
					0	-0.74	-0.0009	PASS
					10	-1.83	-0.00221	PASS
					20	-1.26	-0.00152	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-2.33	-0.00282	PASS
					40	-1.32	-0.0016	PASS
					50	-0.47	-0.00057	PASS
			MCH	VN	-30	1.93	0.00231	PASS
					-20	1.95	0.00233	PASS
					-10	1.52	0.00182	PASS
					0	1.17	0.0014	PASS
					10	1.80	0.00215	PASS
					20	1.82	0.00218	PASS
					30	1.33	0.00159	PASS
					40	0.33	0.00039	PASS
					50	-0.47	-0.00056	PASS
			HCH	VN	-30	-2.57	-0.00304	PASS
					-20	-3.66	-0.00432	PASS
					-10	-3.05	-0.0036	PASS
					0	-2.27	-0.00268	PASS
					10	-2.56	-0.00302	PASS
					20	-1.03	-0.00122	PASS
					30	-3.60	-0.00425	PASS
					40	-0.47	-0.00056	PASS
					50	-1.34	-0.00158	PASS
		10	LCH	VN	-30	1.49	0.0018	PASS
					-20	2.19	0.00264	PASS
					-10	0.41	0.00049	PASS
					0	0.74	0.00089	PASS
					10	1.29	0.00156	PASS
					20	0.26	0.00031	PASS
					30	0.80	0.00097	PASS
					40	0.13	0.00016	PASS
					50	1.72	0.00207	PASS
			MCH	VN	-30	0.70	0.00084	PASS
					-20	0.99	0.00118	PASS
					-10	0.90	0.00108	PASS
					0	1.37	0.00164	PASS
					10	0.53	0.00063	PASS
					20	-1.37	-0.00164	PASS
					30	0.47	0.00056	PASS
					40	0.74	0.00088	PASS
					50	0.13	0.00016	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	-0.59	-0.0007	PASS
					-20	1.72	0.00204	PASS
					-10	1.43	0.00169	PASS
					0	1.76	0.00209	PASS
					10	-0.01	-0.00001	PASS
					20	0.50	0.00059	PASS
					30	0.96	0.00114	PASS
					40	0.41	0.00049	PASS
					50	0.82	0.00097	PASS
	LTE/TM2	1.4	LCH	VN	-30	-0.49	-0.00059	PASS
					-20	-1.62	-0.00196	PASS
					-10	-1.62	-0.00196	PASS
					0	-1.19	-0.00144	PASS
					10	0.11	0.00013	PASS
					20	0.16	0.00019	PASS
					30	-2.00	-0.00243	PASS
					40	-0.11	-0.00013	PASS
					50	0.66	0.0008	PASS
			MCH	VN	-30	3.50	0.00418	PASS
					-20	2.65	0.00317	PASS
					-10	2.73	0.00326	PASS
					0	3.22	0.00385	PASS
					10	2.25	0.00269	PASS
					20	1.07	0.00128	PASS
					30	0.70	0.00084	PASS
					40	4.03	0.00482	PASS
					50	1.42	0.0017	PASS
			HCH	VN	-30	-2.55	-0.00301	PASS
					-20	-2.13	-0.00251	PASS
					-10	-2.83	-0.00334	PASS
					0	-0.94	-0.00111	PASS
					10	-3.15	-0.00371	PASS
					20	-2.88	-0.0034	PASS
					30	-2.59	-0.00305	PASS
					40	-2.93	-0.00345	PASS
					50	-0.57	-0.00067	PASS
		3	LCH	VN	-30	-2.80	-0.00339	PASS
					-20	-1.97	-0.00239	PASS
					-10	-2.93	-0.00355	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5			0	-2.68	-0.00325	PASS
					10	-2.20	-0.00267	PASS
					20	-1.76	-0.00213	PASS
					30	-2.63	-0.00319	PASS
					40	-3.12	-0.00378	PASS
					50	-2.00	-0.00242	PASS
			MCH	VN	-30	2.83	0.00338	PASS
					-20	2.68	0.0032	PASS
					-10	1.24	0.00148	PASS
					0	-0.64	-0.00077	PASS
					10	0.07	0.00008	PASS
					20	0.89	0.00106	PASS
					30	1.36	0.00163	PASS
					40	0.51	0.00061	PASS
					50	2.36	0.00282	PASS
			HCH	VN	-30	-1.77	-0.00209	PASS
					-20	0.56	0.00066	PASS
					-10	0.20	0.00024	PASS
					0	-1.47	-0.00173	PASS
					10	-1.60	-0.00189	PASS
					20	-1.04	-0.00123	PASS
					30	-1.80	-0.00212	PASS
					40	-1.52	-0.00179	PASS
					50	-1.59	-0.00188	PASS
			LCH	VN	-30	-1.27	-0.00154	PASS
					-20	-0.79	-0.00096	PASS
					-10	-3.26	-0.00394	PASS
					0	-0.67	-0.00081	PASS
					10	-1.17	-0.00142	PASS
					20	-0.41	-0.0005	PASS
					30	-0.13	-0.00016	PASS
					40	0.46	0.00056	PASS
					50	-1.02	-0.00123	PASS
			MCH	VN	-30	0.43	0.00051	PASS
					-20	1.43	0.00171	PASS
					-10	0.56	0.00067	PASS
					0	0.20	0.00024	PASS
					10	-0.06	-0.00007	PASS
					20	0.76	0.00091	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	2.90	0.00347	PASS
					40	-0.53	-0.00063	PASS
					50	1.46	0.00175	PASS
			HCH	VN	-30	-1.26	-0.00149	PASS
					-20	-2.23	-0.00263	PASS
					-10	-0.57	-0.00067	PASS
					0	-1.04	-0.00123	PASS
					10	-2.49	-0.00294	PASS
					20	-0.59	-0.0007	PASS
					30	-2.46	-0.00291	PASS
					40	-1.50	-0.00177	PASS
					50	-2.92	-0.00345	PASS
			LCH	VN	-30	0.99	0.00119	PASS
					-20	0.17	0.00021	PASS
					-10	2.49	0.003	PASS
					0	0.60	0.00072	PASS
					10	1.89	0.00228	PASS
					20	0.29	0.00035	PASS
					30	1.80	0.00217	PASS
					40	-0.82	-0.00099	PASS
					50	-0.73	-0.00088	PASS
		10	MCH	VN	-30	0.14	0.00017	PASS
					-20	1.23	0.00147	PASS
					-10	0.50	0.0006	PASS
					0	0.76	0.00091	PASS
					10	-1.27	-0.00152	PASS
					20	0.16	0.00019	PASS
					30	-1.00	-0.0012	PASS
					40	1.33	0.00159	PASS
					50	-0.54	-0.00065	PASS
			HCH	VN	-30	-0.17	-0.0002	PASS
					-20	-1.44	-0.00171	PASS
					-10	-0.24	-0.00028	PASS
					0	0.92	0.00109	PASS
					10	0.62	0.00073	PASS
					20	0.47	0.00056	PASS
					30	0.93	0.0011	PASS
					40	0.59	0.0007	PASS
					50	0.16	0.00019	PASS



END