

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.40	0.00167	PASS
					-10	-0.09	-0.00011	PASS
					0	-1.89	-0.00226	PASS
					10	1.06	0.00127	PASS
					20	-1.54	-0.00184	PASS
					30	-0.66	-0.00079	PASS
					40	-2.05	-0.00245	PASS
					50	-2.13	-0.00255	PASS
			HCH	VN	-30	0.17	0.0002	PASS
					-20	-1.30	-0.00153	PASS
					-10	0.77	0.00091	PASS
					0	-1.60	-0.00189	PASS
					10	1.37	0.00162	PASS
					20	0.13	0.00015	PASS
					30	1.56	0.00184	PASS
					40	-1.85	-0.00218	PASS
					50	3.86	0.00455	PASS
		5	LCH	VN	-30	0.97	0.00117	PASS
					-20	1.59	0.00192	PASS
					-10	0.43	0.00052	PASS
					0	1.03	0.00125	PASS
					10	1.96	0.00237	PASS
					20	-0.30	-0.00036	PASS
					30	1.13	0.00137	PASS
					40	1.76	0.00213	PASS
					50	0.26	0.00031	PASS
			MCH	VN	-30	1.72	0.00206	PASS
					-20	-1.59	-0.0019	PASS
					-10	-0.41	-0.00049	PASS
					0	0.67	0.0008	PASS
					10	1.27	0.00152	PASS
					20	-0.39	-0.00047	PASS
					30	0.53	0.00063	PASS
					40	1.10	0.00132	PASS
					50	0.74	0.00088	PASS
			HCH	VN	-30	-0.13	-0.00015	PASS
					-20	-1.65	-0.00195	PASS
					-10	0.44	0.00052	PASS
					0	-1.17	-0.00138	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.37	0.00162	PASS
					20	0.57	0.00067	PASS
					30	-1.14	-0.00135	PASS
					40	-0.46	-0.00054	PASS
					50	0.29	0.00034	PASS
		10	LCH	VN	-30	3.29	0.00397	PASS
					-20	0.06	0.00007	PASS
					-10	0.31	0.00037	PASS
					0	-0.01	-0.00001	PASS
					10	0.13	0.00016	PASS
					20	-13.45	-0.01622	PASS
					30	-1.13	-0.00136	PASS
					40	1.30	0.00157	PASS
					50	-7.47	-0.00901	PASS
			MCH	VN	-30	-43.09	-0.05151	PASS
					-20	-96.33	-0.11516	PASS
					-10	-36.74	-0.04392	PASS
					0	3.46	0.00414	PASS
					10	-11.01	-0.01316	PASS
					20	46.21	0.05524	PASS
					30	-46.79	-0.05594	PASS
					40	-96.89	-0.11583	PASS
					50	-74.73	-0.08934	PASS
			HCH	VN	-30	-0.62	-0.00073	PASS
					-20	0.04	0.00005	PASS
					-10	-0.04	-0.00005	PASS
					0	0.49	0.00058	PASS
					10	0.63	0.00075	PASS
					20	-0.43	-0.00051	PASS
					30	-1.62	-0.00192	PASS
					40	-4.75	-0.00563	PASS
					50	0.07	0.00008	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	VN	-30	-1.10	-0.00044	PASS
					-20	-8.15	-0.00326	PASS
					-10	-18.02	-0.0072	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-2.83	-0.00113	PASS
					10	-4.96	-0.00198	PASS
					20	-21.72	-0.00868	PASS
					30	-1.27	-0.00051	PASS
					40	-21.63	-0.00864	PASS
					50	-6.17	-0.00247	PASS
			MCH	VN	-30	-13.25	-0.00523	PASS
					-20	-7.40	-0.00292	PASS
					-10	-1.85	-0.00073	PASS
					0	5.75	0.00227	PASS
					10	8.94	0.00353	PASS
					20	-9.06	-0.00357	PASS
					30	-16.95	-0.00669	PASS
					40	-11.70	-0.00462	PASS
					50	-5.54	-0.00219	PASS
			HCH	VN	-30	4.95	0.00193	PASS
					-20	6.57	0.00256	PASS
					-10	11.63	0.00453	PASS
					0	12.95	0.00504	PASS
					10	-4.11	-0.0016	PASS
					20	-11.87	-0.00462	PASS
					30	-8.35	-0.00325	PASS
					40	-6.47	-0.00252	PASS
					50	-2.65	-0.00103	PASS
		10	LCH	VN	-30	-14.19	-0.00566	PASS
					-20	7.94	0.00317	PASS
					-10	3.49	0.00139	PASS
					0	-1.40	-0.00056	PASS
					10	-6.91	-0.00276	PASS
					20	-13.58	-0.00542	PASS
					30	5.08	0.00203	PASS
					40	-3.12	-0.00125	PASS
					50	-11.64	-0.00465	PASS
			MCH	VN	-30	-19.28	-0.00761	PASS
					-20	11.14	0.00439	PASS
					-10	5.04	0.00199	PASS
					0	-0.90	-0.00036	PASS
					10	-5.85	-0.00231	PASS
					20	-9.83	-0.00388	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					30	-15.01	-0.00592	PASS	
					40	-12.72	-0.00502	PASS	
					50	10.86	0.00428	PASS	
			HCH	VN	-30	-7.72	-0.00301	PASS	
					-20	-9.47	-0.00369	PASS	
					-10	-9.53	-0.00372	PASS	
					0	-11.69	-0.00456	PASS	
					10	-12.80	-0.00499	PASS	
					20	-14.72	-0.00574	PASS	
					30	-17.61	-0.00687	PASS	
					40	-20.23	-0.00789	PASS	
					50	-1.00	-0.00039	PASS	
			15	LCH	VN	-30	-4.75	-0.00189	PASS
						-20	-8.08	-0.00322	PASS
						-10	-2.19	-0.00087	PASS
						0	3.08	0.00123	PASS
						10	10.97	0.00437	PASS
						20	-5.38	-0.00215	PASS
		30				-4.79	-0.00191	PASS	
		40				8.54	0.00341	PASS	
		50				-9.58	-0.00382	PASS	
		MCH		VN	-30	9.66	0.00381	PASS	
					-20	-7.24	-0.00286	PASS	
					-10	-9.37	-0.0037	PASS	
					0	-1.72	-0.00068	PASS	
					10	-13.35	-0.00527	PASS	
					20	11.72	0.00462	PASS	
					30	-0.62	-0.00024	PASS	
					40	-10.20	-0.00402	PASS	
					50	-5.28	-0.00208	PASS	
		HCH	VN	-30	-10.57	-0.00412	PASS		
				-20	-17.81	-0.00695	PASS		
				-10	-24.29	-0.00948	PASS		
				0	-20.59	-0.00804	PASS		
				10	5.48	0.00214	PASS		
				20	0.03	0.00001	PASS		
				30	-3.40	-0.00133	PASS		
				40	-6.84	-0.00267	PASS		
				50	-11.74	-0.00458	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		20	LCH	VN	-30	4.81	0.00192	PASS
					-20	-5.16	-0.00206	PASS
					-10	-14.06	-0.0056	PASS
					0	-22.95	-0.00914	PASS
					10	3.98	0.00159	PASS
					20	-6.08	-0.00242	PASS
					30	-17.22	-0.00686	PASS
					40	-11.83	-0.00471	PASS
					50	-3.82	-0.00152	PASS
			MCH	VN	-30	-4.96	-0.00196	PASS
					-20	-9.83	-0.00388	PASS
					-10	4.05	0.0016	PASS
					0	-13.16	-0.00519	PASS
					10	5.32	0.0021	PASS
					20	-3.52	-0.00139	PASS
					30	-7.47	-0.00295	PASS
					40	-6.22	-0.00245	PASS
					50	-1.89	-0.00075	PASS
			HCH	VN	-30	2.92	0.00114	PASS
					-20	-11.14	-0.00435	PASS
					-10	-0.37	-0.00014	PASS
					0	14.98	0.00585	PASS
					10	-5.92	-0.00231	PASS
					20	11.79	0.00461	PASS
					30	-3.56	-0.00139	PASS
					40	10.56	0.00413	PASS
					50	4.81	0.00188	PASS
	LTE/TM2	5	LCH	VN	-30	-8.07	-0.00322	PASS
					-20	-13.12	-0.00524	PASS
					-10	-15.68	-0.00627	PASS
					0	-0.66	-0.00026	PASS
					10	-6.19	-0.00247	PASS
					20	-21.64	-0.00865	PASS
					30	-1.40	-0.00056	PASS
					40	-19.86	-0.00794	PASS
					50	-3.12	-0.00125	PASS
			MCH	VN	-30	-3.69	-0.00146	PASS
					-20	-9.20	-0.00363	PASS
					-10	2.00	0.00079	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	13.10	0.00517	PASS
					10	-14.43	-0.00569	PASS
					20	-3.66	-0.00144	PASS
					30	5.89	0.00232	PASS
					40	-11.12	-0.00439	PASS
					50	-13.40	-0.00529	PASS
			HCH	VN	-30	-1.02	-0.0004	PASS
					-20	3.98	0.00155	PASS
					-10	7.58	0.00295	PASS
					0	12.46	0.00485	PASS
					10	-2.70	-0.00105	PASS
					20	-10.24	-0.00399	PASS
					30	-3.56	-0.00139	PASS
					40	4.46	0.00174	PASS
					50	10.16	0.00396	PASS
		10	LCH	VN	-30	9.90	0.00395	PASS
					-20	3.42	0.00137	PASS
					-10	-1.06	-0.00042	PASS
					0	-4.35	-0.00174	PASS
					10	-6.98	-0.00279	PASS
					20	-8.01	-0.0032	PASS
					30	-8.67	-0.00346	PASS
					40	-8.34	-0.00333	PASS
					50	-10.56	-0.00422	PASS
			MCH	VN	-30	-19.54	-0.00771	PASS
					-20	-13.43	-0.0053	PASS
					-10	-18.58	-0.00733	PASS
					0	-16.88	-0.00666	PASS
					10	-14.36	-0.00566	PASS
					20	-9.96	-0.00393	PASS
					30	-6.04	-0.00238	PASS
					40	-2.17	-0.00086	PASS
					50	1.66	0.00065	PASS
			HCH	VN	-30	-4.62	-0.0018	PASS
					-20	6.17	0.00241	PASS
					-10	-2.45	-0.00096	PASS
					0	-12.17	-0.00474	PASS
					10	-5.21	-0.00203	PASS
					20	0.79	0.00031	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15			30	6.54	0.00255	PASS
					40	11.43	0.00446	PASS
					50	0.53	0.00021	PASS
			LCH	VN	-30	9.07	0.00362	PASS
					-20	5.19	0.00207	PASS
					-10	3.43	0.00137	PASS
					0	-1.67	-0.00067	PASS
					10	10.24	0.00408	PASS
					20	-5.06	-0.00202	PASS
					30	5.75	0.00229	PASS
					40	8.91	0.00355	PASS
					50	0.89	0.00035	PASS
			MCH	VN	-30	-12.33	-0.00486	PASS
					-20	-10.23	-0.00404	PASS
					-10	-3.92	-0.00155	PASS
					0	3.89	0.00153	PASS
					10	-5.31	-0.00209	PASS
					20	-11.66	-0.0046	PASS
					30	0.16	0.00006	PASS
					40	-1.30	-0.00051	PASS
					50	-9.17	-0.00362	PASS
			HCH	VN	-30	-18.44	-0.0072	PASS
					-20	-2.49	-0.00097	PASS
					-10	-20.87	-0.00814	PASS
					0	-11.23	-0.00438	PASS
					10	-26.28	-0.01026	PASS
					20	-3.09	-0.00121	PASS
					30	-13.29	-0.00519	PASS
					40	-23.99	-0.00936	PASS
					50	3.65	0.00142	PASS
		20	LCH	VN	-30	-20.01	-0.00797	PASS
					-20	-9.53	-0.0038	PASS
					-10	-23.37	-0.00931	PASS
					0	-1.03	-0.00041	PASS
					10	-15.29	-0.00609	PASS
					20	-10.83	-0.00431	PASS
					30	-5.88	-0.00234	PASS
					40	-17.48	-0.00696	PASS
					50	-9.08	-0.00362	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	-13.98	-0.00551	PASS
					-20	1.34	0.00053	PASS
					-10	-8.84	-0.00349	PASS
					0	-17.55	-0.00692	PASS
					10	9.91	0.00391	PASS
					20	3.16	0.00125	PASS
					30	-4.63	-0.00183	PASS
					40	-11.14	-0.00439	PASS
					50	-17.64	-0.00696	PASS
			HCH	VN	-30	3.45	0.00135	PASS
					-20	-3.43	-0.00134	PASS
					-10	-9.27	-0.00362	PASS
					0	-14.08	-0.0055	PASS
					10	3.09	0.00121	PASS
					20	15.29	0.00597	PASS
					30	11.63	0.00454	PASS
					40	13.13	0.00513	PASS
					50	15.42	0.00602	PASS

END