



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	0.24	0.00022	PASS
					VN	4.49	0.0027	PASS
					VH	1.8	0.00113	PASS
			MCH	TN	VL	2.95	0.00178	PASS
					VN	2.93	0.00177	PASS
					VH	1.6	0.001	PASS
			HCH	TN	VL	2.81	0.00168	PASS
					VN	4.52	0.00265	PASS
					VH	2.92	0.00174	PASS
		3	LCH	TN	VL	-1.37	-0.00072	PASS
					VN	4.08	0.00246	PASS
					VH	0.59	0.00042	PASS
			MCH	TN	VL	1.83	0.00113	PASS
					VN	3.36	0.00202	PASS
					VH	2.82	0.00171	PASS
			HCH	TN	VL	0.62	0.00043	PASS
					VN	1.27	0.0008	PASS
					VH	-0.08	0.00003	PASS
		5	LCH	TN	VL	-1.86	-0.00101	PASS
					VN	0.02	0.00009	PASS
					VH	0.9	0.0006	PASS
			MCH	TN	VL	1.52	0.00096	PASS
					VN	1.07	0.0007	PASS
					VH	1.07	0.0007	PASS
			HCH	TN	VL	-0.44	-0.00017	PASS
					VN	-2.12	-0.00113	PASS
					VH	-2.74	-0.00149	PASS
		10	LCH	TN	VL	1.06	0.0007	PASS
					VN	2.13	0.00132	PASS
					VH	0.87	0.00059	PASS
			MCH	TN	VL	-0.53	-0.00023	PASS
					VN	0.29	0.00025	PASS
					VH	-1.4	-0.00073	PASS
			HCH	TN	VL	0.09	0.00013	PASS
					VN	-0.63	-0.00028	PASS
					VH	-1.59	-0.00083	PASS
		15	LCH	TN	VL	2.33	0.00144	PASS
					VN	1.4	0.00089	PASS
					VH	4.19	0.00252	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		20	MCH	TN	VL	2.45	0.00149	PASS	
					VN	2.05	0.00126	PASS	
					VH	-0.38	-0.00014	PASS	
			HCH	TN	VL	-2	-0.00107	PASS	
					VN	0.1	0.00013	PASS	
					VH	-3.35	-0.00184	PASS	
			LCH	TN	VL	2.15	0.00133	PASS	
					VN	4.12	0.00247	PASS	
					VH	-0.03	0.00006	PASS	
		MCH	TN	VL	3.15	0.0019	PASS		
				VN	2.92	0.00176	PASS		
				VH	1.4	0.00089	PASS		
		HCH	TN	VL	4.42	0.00261	PASS		
				VN	1.09	0.0007	PASS		
				VH	4.06	0.0024	PASS		
		LTE/TM2	1.4	LCH	TN	VL	2.13	0.00132	PASS
						VN	4.39	0.00265	PASS
						VH	-2.52	-0.00139	PASS
				MCH	TN	VL	4.01	0.00239	PASS
						VN	4.92	0.00292	PASS
						VH	2.35	0.00143	PASS
	HCH			TN	VL	1.22	0.00077	PASS	
					VN	2.86	0.00171	PASS	
					VH	1.36	0.00085	PASS	
	3		LCH	TN	VL	1.03	0.00068	PASS	
					VN	8.4	0.00499	PASS	
					VH	9.04	0.00536	PASS	
			MCH	TN	VL	6.27	0.0037	PASS	
					VN	7.64	0.00449	PASS	
					VH	1.79	0.00111	PASS	
	HCH		TN	VL	2.71	0.00162	PASS		
				VN	1.83	0.00112	PASS		
				VH	2.52	0.00151	PASS		
	5		LCH	TN	VL	3.43	0.00208	PASS	
					VN	3.72	0.00225	PASS	
					VH	1.68	0.00106	PASS	
		MCH	TN	VL	3.96	0.00236	PASS		
				VN	1.16	0.00075	PASS		
				VH	0.24	0.00022	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10	HCH	TN	VL	2.33	0.00141	PASS
					VN	-1.64	-0.00086	PASS
					VH	0.12	0.00015	PASS
			LCH	TN	VL	-0.27	-0.00008	PASS
					VN	-0.56	-0.00025	PASS
					VH	-1.47	-0.00078	PASS
			MCH	TN	VL	4.92	0.00292	PASS
					VN	2.43	0.00148	PASS
					VH	1.42	0.0009	PASS
		HCH	TN	VL	-0.83	-0.0004	PASS	
				VN	-0.44	-0.00017	PASS	
				VH	-1.46	-0.00076	PASS	
		15	LCH	TN	VL	3.05	0.00185	PASS
					VN	0.92	0.00061	PASS
					VH	-0.04	0.00006	PASS
			MCH	TN	VL	4.04	0.00241	PASS
					VN	1.37	0.00087	PASS
					VH	0.59	0.00042	PASS
			HCH	TN	VL	3.55	0.00211	PASS
					VN	-2.7	-0.00147	PASS
					VH	-1.63	-0.00086	PASS
		20	LCH	TN	VL	1.19	0.00077	PASS
					VN	-0.37	-0.00014	PASS
					VH	2.83	0.00172	PASS
			MCH	TN	VL	4.28	0.00255	PASS
					VN	0.34	0.00027	PASS
					VH	1.6	0.001	PASS
			HCH	TN	VL	2.05	0.00125	PASS
					VN	1.23	0.00078	PASS
					VH	2.43	0.00147	PASS

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	TN	VL	-1.27	-0.00135	PASS
					VN	2.16	0.00281	PASS
					VH	1.5	0.002	PASS
			MCH	TN	VL	-0.38	-0.00027	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	0.96	0.00133	PASS		
					VH	0.99	0.00137	PASS		
			HCH	TN	VL	3.31	0.00408	PASS		
					VN	12.42	0.01482	PASS		
					VH	5.87	0.0071	PASS		
					VL	2.76	0.00353	PASS		
		3	LCH	TN	VN	3.12	0.00397	PASS		
					VH	1.85	0.00243	PASS		
					VL	-1.84	-0.00202	PASS		
			MCH	TN	VN	-0.33	-0.00021	PASS		
					VH	1.16	0.00157	PASS		
					VL	0.09	0.00029	PASS		
		HCH	TN	VN	4.98	0.00606	PASS			
				VH	0.49	0.00076	PASS			
				VL	1.02	0.00142	PASS			
				5	LCH	TN	VN	2.85	0.00363	PASS
							VH	1.88	0.00246	PASS
							VL	0.36	0.00061	PASS
		MCH	TN	VN	0.06	0.00025	PASS			
				VH	0.97	0.00134	PASS			
				VL	7.54	0.00909	PASS			
				HCH	TN	VN	-33.03	-0.03884	PASS	
						VH	-10.98	-0.01279	PASS	
						VL	0.24	0.00047	PASS	
		10	LCH	TN	VN	-1.34	-0.00143	PASS		
					VH	-4.18	-0.00486	PASS		
					VL	-25.36	-0.03013	PASS		
			MCH	TN	VN	4.59	0.00567	PASS		
					VH	17.58	0.0212	PASS		
					VL	2.55	0.0032	PASS		
			HCH	TN	VN	3.86	0.00475	PASS		
					VH	2.58	0.00324	PASS		
					VL	2.26	0.00293	PASS		
		LTE/TM2	1.4	LCH	TN	VN	1.58	0.0021	PASS	
						VH	-0.11	0.00005	PASS	
						VL	2.2	0.00281	PASS	
				MCH	TN	VN	2.03	0.00261	PASS	
						VH	2.08	0.00267	PASS	
						VL	3.54	0.00435	PASS	
				HCH	TN	VL	3.54	0.00435	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-3.83	-0.00433	PASS
					VH	2.88	0.00358	PASS
		3	LCH	TN	VL	2.82	0.0036	PASS
					VN	4.05	0.00509	PASS
					VH	4.02	0.00506	PASS
			MCH	TN	VL	2.03	0.00261	PASS
					VN	0.8	0.00114	PASS
					VH	0.8	0.00114	PASS
			HCH	TN	VL	-12.1	-0.0141	PASS
					VN	-3.89	-0.00441	PASS
					VH	2.02	0.00256	PASS
		5	LCH	TN	VL	0.52	0.00081	PASS
					VN	1.37	0.00184	PASS
					VH	0.59	0.0009	PASS
			MCH	TN	VL	0.32	0.00057	PASS
					VN	2.29	0.00292	PASS
					VH	0.12	0.00033	PASS
			HCH	TN	VL	-4.4	-0.00502	PASS
					VN	0.17	0.00038	PASS
					VH	-8.55	-0.00992	PASS
		10	LCH	TN	VL	3.15	0.00398	PASS
					VN	-3.56	-0.00411	PASS
					VH	-2.6	-0.00295	PASS
			MCH	TN	VL	-8.6	-0.0101	PASS
VN	-11.87				-0.01401	PASS		
VH	-0.2				-0.00006	PASS		
HCH	TN		VL	0.96	0.00132	PASS		
			VN	0.06	0.00025	PASS		
			VH	-0.34	-0.00022	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	TN	VL	25.36	0.01018	PASS
					VN	-7.11	-0.00279	PASS
					VH	-13.99	-0.00554	PASS
			MCH	TN	VL	6.68	0.00268	PASS
					VN	8.89	0.00355	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	HCH	TN	VH	7.8	0.00312	PASS		
					VL	3.48	0.0014	PASS		
					VN	5.45	0.00217	PASS		
			LCH	TN	VH	4.21	0.00169	PASS		
					VL	-1.67	-0.00062	PASS		
					VN	-0.34	-0.00009	PASS		
			MCH	TN	VH	0.47	0.00024	PASS		
					VL	5.74	0.00231	PASS		
					VN	6.97	0.0028	PASS		
			HCH	TN	VH	3.16	0.00129	PASS		
					VL	0.75	0.00034	PASS		
					VN	2.06	0.00085	PASS		
		15	LCH	TN	VH	2.56	0.00104	PASS		
					VL	1.95	0.00083	PASS		
					VN	8.68	0.00351	PASS		
			MCH	TN	VH	2.61	0.00109	PASS		
					VL	5.94	0.00239	PASS		
					VN	3.94	0.0016	PASS		
			HCH	TN	VH	4.05	0.00164	PASS		
					VL	4.39	0.00176	PASS		
					VN	6.71	0.00266	PASS		
			20	LCH	TN	VH	5.88	0.00234	PASS	
						VL	5.44	0.00222	PASS	
						VN	9.8	0.00395	PASS	
		MCH		TN	VH	5.32	0.00217	PASS		
					VL	2.69	0.00111	PASS		
					VN	1.15	0.0005	PASS		
		HCH		TN	VH	1.95	0.00082	PASS		
					VL	-1.49	-0.00054	PASS		
					VN	-1.36	-0.00048	PASS		
		LTE/TM2		5	LCH	TN	VH	-1.3	-0.00046	PASS
							VL	15.42	0.00621	PASS
							VN	5.78	0.00236	PASS
			MCH		TN	VH	8.16	0.00331	PASS	
						VL	11.36	0.00453	PASS	
						VN	10.83	0.00432	PASS	
		HCH	TN	VH	5.31	0.00214	PASS			
				VL	6.68	0.00265	PASS			
							VN	5.74	0.00228	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	4.34	0.00174	PASS
		10	LCH	TN	VL	5.22	0.00213	PASS
					VN	3.22	0.00133	PASS
					VH	1.73	0.00074	PASS
			MCH	TN	VL	3.39	0.00138	PASS
					VN	4.99	0.00202	PASS
					VH	2.33	0.00097	PASS
			HCH	TN	VL	1.27	0.00054	PASS
					VN	4.51	0.0018	PASS
					VH	3.95	0.00159	PASS
		15	LCH	TN	VL	5.88	0.00239	PASS
					VN	2.36	0.00099	PASS
					VH	-1.89	-0.00071	PASS
			MCH	TN	VL	8.48	0.00339	PASS
					VN	2.63	0.00108	PASS
					VH	4.52	0.00183	PASS
			HCH	TN	VL	2.48	0.00101	PASS
					VN	3.15	0.00128	PASS
					VH	3.11	0.00126	PASS
		20	LCH	TN	VL	12.36	0.00497	PASS
					VN	6.17	0.00251	PASS
					VH	0.45	0.00023	PASS
			MCH	TN	VL	6.32	0.00254	PASS
					VN	5.02	0.00203	PASS
					VH	3.68	0.0015	PASS
			HCH	TN	VL	-1.23	-0.00043	PASS
					VN	-1.5	-0.00054	PASS
					VH	-1.49	-0.00054	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
BAND2	LTE/TM1	1.4	LCH	VN	-30	2.86	0.0015	PASS
					-20	-3.21	-0.00178	PASS
					-10	-1.82	-0.00103	PASS
					0	-1.26	-0.00072	PASS
					10	-3.38	-0.00187	PASS
					20	-2.41	-0.00135	PASS
					30	-3.91	-0.00216	PASS
					40	0.14	0.00003	PASS
			50	3.66	0.0019	PASS		
			MCH	VN	-30	2.31	0.00118	PASS
					-20	0.77	0.00036	PASS
					-10	0.98	0.00048	PASS
					0	-0.02	-0.00006	PASS
					10	1.54	0.00077	PASS
					20	0.33	0.00013	PASS
					30	1.49	0.00075	PASS
					40	-4.31	-0.00234	PASS
			HCH	VN	-30	2	0.001	PASS
					-20	-2.02	-0.0011	PASS
					-10	0.41	0.00017	PASS
					0	-0.76	-0.00044	PASS
					10	-6.03	-0.0032	PASS
					20	-5.38	-0.00286	PASS
					30	-7.06	-0.00374	PASS
		40			-6.94	-0.00368	PASS	
		50	-2.25	-0.00126	PASS			
		3	LCH	VN	-30	1.94	0.001	PASS
					-20	1.66	0.00085	PASS
					-10	-4.41	-0.00243	PASS
					0	-4.89	-0.00268	PASS
					10	1.64	0.00084	PASS
					20	-1.35	-0.00077	PASS
					30	-1.18	-0.00068	PASS
					40	-2.06	-0.00116	PASS
		50	0.71	0.00033	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			MCH	VN	-30	-2.59	-0.00142	PASS	
					-20	-3.14	-0.00172	PASS	
					-10	-0.33	-0.00022	PASS	
					0	-0.65	-0.00039	PASS	
					10	-1.26	-0.00072	PASS	
					20	-1.88	-0.00104	PASS	
					30	-1.12	-0.00064	PASS	
					40	0.3	0.00011	PASS	
			50	-0.22	-0.00016	PASS			
			HCH	VN	-30	1.94	0.00097	PASS	
					-20	3.89	0.00199	PASS	
					-10	-0.43	-0.00027	PASS	
					0	-2.68	-0.00145	PASS	
					10	-1.42	-0.00079	PASS	
					20	-0.36	-0.00023	PASS	
					30	-0.07	-0.00008	PASS	
					40	0.46	0.00019	PASS	
			50	-4.77	-0.00262	PASS			
			5	LCH	VN	-30	-2.85	-0.00158	PASS
						-20	-3.94	-0.00217	PASS
		-10				-1.93	-0.00109	PASS	
		0				-2.43	-0.00136	PASS	
		10				-4.94	-0.00271	PASS	
		20				-4.71	-0.00259	PASS	
		30				-2.69	-0.0015	PASS	
		40				-3.04	-0.00168	PASS	
		50		0.04	-0.00002	PASS			
		MCH		VN	-30	-0.13	-0.00011	PASS	
					-20	0.63	0.00029	PASS	
					-10	-3.54	-0.00193	PASS	
					0	-2.25	-0.00124	PASS	
					10	-3.04	-0.00166	PASS	
					20	-2.16	-0.00119	PASS	
					30	-1.38	-0.00078	PASS	
					40	-1.03	-0.00059	PASS	
		50		1.08	0.00052	PASS			
		HCH		VN	-30	-0.86	-0.0005	PASS	
					-20	-2.58	-0.0014	PASS	
			-10		-2.11	-0.00115	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-3.46	-0.00186	PASS		
					10	-2.11	-0.00115	PASS		
					20	-2.78	-0.0015	PASS		
					30	-1.81	-0.001	PASS		
					40	-1.22	-0.00069	PASS		
					50	0.41	0.00018	PASS		
		10	LCH	VN	-30	1.5	0.00076	PASS		
					-20	-0.3	-0.00021	PASS		
					-10	-0.63	-0.00038	PASS		
					0	2.16	0.00112	PASS		
					10	-1.25	-0.00072	PASS		
					20	-2.22	-0.00124	PASS		
					30	-2.03	-0.00114	PASS		
					40	-2.49	-0.00139	PASS		
					50	-1.81	-0.00101	PASS		
					MCH	VN	-30	-0.56	-0.00034	PASS
							-20	1.4	0.0007	PASS
							-10	-1.23	-0.0007	PASS
							0	-0.23	-0.00017	PASS
							10	-1.03	-0.00059	PASS
							20	-0.17	-0.00014	PASS
							30	-2.42	-0.00133	PASS
							40	-0.2	-0.00015	PASS
							50	1.94	0.00097	PASS
		HCH	VN	-30	0.21	0.00006	PASS			
				-20	-0.4	-0.00026	PASS			
				-10	1.47	0.00073	PASS			
				0	0.86	0.00041	PASS			
				10	0.11	0.00001	PASS			
				20	-0.07	-0.00008	PASS			
				30	-0.03	-0.00006	PASS			
				40	-0.43	-0.00027	PASS			
				50	3.34	0.00175	PASS			
		15	LCH	VN	-30	1.47	0.00075	PASS		
					-20	2.14	0.00111	PASS		
					-10	3.6	0.00189	PASS		
					0	3.33	0.00175	PASS		
					10	2.03	0.00105	PASS		
					20	4.55	0.00241	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	3.39	0.00178	PASS
					40	3.43	0.0018	PASS
					50	4.63	0.00242	PASS
			MCH	VN	-30	0.77	0.00036	PASS
					-20	0.93	0.00045	PASS
					-10	-2.38	-0.00131	PASS
					0	-2.55	-0.0014	PASS
					10	-0.85	-0.0005	PASS
					20	-0.25	-0.00018	PASS
					30	0.47	0.00021	PASS
					40	-0.03	-0.00006	PASS
					50	-0.86	-0.0005	PASS
					HCH	VN	-30	0.87
			-20	0.07			-1E-05	PASS
			-10	-1.7			-0.00094	PASS
		0	-0.47	-0.00029			PASS	
		10	-1.09	-0.00062			PASS	
		20	-1.12	-0.00063			PASS	
		30	-0.35	-0.00023			PASS	
		40	-1.96	-0.00108			PASS	
		20	LCH	VN	-30	0.7	0.00033	PASS
					-20	-1.02	-0.00059	PASS
					-10	5.42	0.00287	PASS
					0	1.87	0.00096	PASS
					10	-0.33	-0.00022	PASS
					20	-0.26	-0.00018	PASS
					30	0.08	0	PASS
					40	0.9	0.00044	PASS
					50	-0.15	-0.00012	PASS
			MCH	VN	-30	-3.68	-0.002	PASS
					-20	-3.79	-0.00206	PASS
					-10	-3.14	-0.00172	PASS
					0	-4.64	-0.00251	PASS
10	-4.04				-0.00219	PASS		
20	15.69				0.0083	PASS		
30	-4.24				-0.0023	PASS		
40	5.13				0.00268	PASS		
50	0.66				0.0003	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
			HCH	VN	-30	2.3	0.00116	PASS				
					-20	1.24	0.00061	PASS				
					-10	1.99	0.001	PASS				
					0	-1.63	-0.0009	PASS				
					10	1.81	0.00091	PASS				
					20	-0.23	-0.00017	PASS				
					30	0.2	0.00006	PASS				
					40	0.76	0.00035	PASS				
					50	-0.36	-0.00024	PASS				
					LTE/TM2	1.4	LCH	VN	-30	-0.03	-0.00006	PASS
									-20	-5.52	-0.00303	PASS
									-10	-3.99	-0.0022	PASS
									0	-7	-0.00383	PASS
									10	-2.12	-0.00119	PASS
									20	-6.35	-0.00347	PASS
	30	-4.29	-0.00236	PASS								
	40	-2.98	-0.00165	PASS								
	50	3.86	0.00201	PASS								
	MCH	VN	-30	2.76			0.00142	PASS				
			-20	-0.67			-0.0004	PASS				
			-10	-2.52			-0.00139	PASS				
			0	-3.56			-0.00194	PASS				
			10	-0.8			-0.00047	PASS				
			20	-0.29			-0.0002	PASS				
			30	-1.82			-0.00101	PASS				
			40	-2.11			-0.00117	PASS				
			50	4.55			0.00234	PASS				
	HCH	VN	-30	1.67	0.00083	PASS						
			-20	-2.46	-0.00133	PASS						
			-10	-5.58	-0.00297	PASS						
			0	-3.09	-0.00166	PASS						
			10	-1.72	-0.00095	PASS						
			20	-6.24	-0.00331	PASS						
30			-3.48	-0.00187	PASS							
40			-4.01	-0.00215	PASS							
50			0.27	0.0001	PASS							
3	LCH	VN	-30	-0.66	-0.0004	PASS						
			-20	-1.22	-0.0007	PASS						
			-10	-1.26	-0.00072	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					0	-2.84	-0.00158	PASS			
					10	-0.03	-0.00006	PASS			
					20	-2.28	-0.00128	PASS			
					30	-0.26	-0.00018	PASS			
					40	-2.61	-0.00145	PASS			
					50	2.26	0.00116	PASS			
			MCH	VN	-30	1.89	0.00096	PASS			
					-20	1.71	0.00086	PASS			
					-10	-2.79	-0.00153	PASS			
					0	-1.65	-0.00092	PASS			
					10	-0.9	-0.00052	PASS			
					20	-2.52	-0.00139	PASS			
					30	-2.48	-0.00136	PASS			
					40	-2.68	-0.00147	PASS			
					50	3.27	0.00167	PASS			
					HCH	VN	-30	1.46	0.00072	PASS	
			-20	1.44			0.00071	PASS			
			-10	2.7			0.00137	PASS			
			0	1.96			0.00098	PASS			
			10	-1			-0.00057	PASS			
			20	2.01			0.00101	PASS			
			30	-0.46			-0.00029	PASS			
			40	1.99			0.001	PASS			
			50	0.17			0.00005	PASS			
			5	LCH	VN	-30	-0.63	-0.00038	PASS		
						-20	-0.2	-0.00015	PASS		
						-10	3.17	0.00167	PASS		
						0	-2.48	-0.00138	PASS		
						10	-0.93	-0.00055	PASS		
						20	-0.9	-0.00053	PASS		
						30	-0.63	-0.00038	PASS		
						40	0.04	-0.00002	PASS		
						50	1.31	0.00065	PASS		
						MCH	VN	-30	2.44	0.00125	PASS
								-20	-1.36	-0.00077	PASS
								-10	-2.68	-0.00147	PASS
								0	-1.43	-0.00081	PASS
			10	-2.52	-0.00139			PASS			
			20	-2.19	-0.00121			PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	-4.37	-0.00237	PASS			
					40	-1.29	-0.00073	PASS			
					50	1.04	0.0005	PASS			
			HCH	VN	-30	-2.98	-0.00161	PASS			
					-20	0.6	0.00027	PASS			
					-10	-1.48	-0.00082	PASS			
					0	-2.22	-0.00121	PASS			
					10	-1.16	-0.00065	PASS			
					20	-1.13	-0.00064	PASS			
					30	-0.86	-0.0005	PASS			
					40	-3.52	-0.00189	PASS			
					50	0.48	0.00022	PASS			
					10	LCH	VN	-30	-0.56	-0.00035	PASS
								-20	-1.42	-0.00081	PASS
								-10	1.03	0.00051	PASS
		0	-1.32	-0.00076				PASS			
		10	-0.29	-0.0002				PASS			
		20	-0.86	-0.00051				PASS			
		30	-0.35	-0.00023				PASS			
		40	-0.02	-0.00005				PASS			
		50	3	0.00155				PASS			
		MCH	VN	-30				-0.89	-0.00052	PASS	
				-20				0.9	0.00043	PASS	
				-10				-0.07	-0.00008	PASS	
				0				0.47	0.00021	PASS	
				10				3.73	0.00194	PASS	
				20				-2.16	-0.00119	PASS	
				30	1.23	0.00061	PASS				
				40	-1.45	-0.00082	PASS				
				50	4.33	0.00223	PASS				
				HCH	VN	-30	4.19	0.00215	PASS		
		-20	0.71			0.00033	PASS				
		-10	1.74			0.00087	PASS				
		0	1.2			0.00058	PASS				
		10	2.92			0.00149	PASS				
		20	0.68			0.00031	PASS				
		30	1.17			0.00057	PASS				
		40	1.89			0.00095	PASS				
		50	1.18			0.00059	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	3.66	0.00193	PASS
					-20	0.64	0.0003	PASS
					-10	0.9	0.00044	PASS
					0	-0.52	-0.00032	PASS
					10	1.53	0.00078	PASS
					20	3	0.00157	PASS
					30	3.27	0.00172	PASS
					40	7.44	0.00396	PASS
			50	0.13	0.00002	PASS		
			MCH	VN	-30	-0.93	-0.00054	PASS
					-20	-1.32	-0.00075	PASS
					-10	-0.36	-0.00024	PASS
					0	-1.68	-0.00094	PASS
					10	-3.62	-0.00197	PASS
					20	-3.24	-0.00177	PASS
					30	-0.73	-0.00043	PASS
					40	1.21	0.0006	PASS
			50	1.46	0.00072	PASS		
			HCH	VN	-30	-0.12	-0.00011	PASS
					-20	-1	-0.00057	PASS
					-10	0.2	0.00006	PASS
					0	-0.29	-0.0002	PASS
					10	0	-0.00005	PASS
					20	0.48	0.00021	PASS
		30			-0.36	-0.00024	PASS	
		40			0.01	-0.00004	PASS	
		50	-7.74	-0.00421	PASS			
		20	LCH	VN	-30	11.71	0.00625	PASS
					-20	4.57	0.00241	PASS
					-10	1.33	0.00067	PASS
					0	-2.66	-0.00147	PASS
					10	-3.89	-0.00214	PASS
					20	0.3	0.00012	PASS
					30	-2.89	-0.0016	PASS
					40	1.16	0.00058	PASS
			50	-0.57	-0.00035	PASS		
MCH	VN		-30	-4.38	-0.00237	PASS		
			-20	-3.32	-0.00181	PASS		
			-10	-5.52	-0.00298	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					0	-4.14	-0.00225	PASS			
					10	-3.97	-0.00216	PASS			
					20	-4.04	-0.00219	PASS			
					30	-4.19	-0.00227	PASS			
					40	-4.18	-0.00227	PASS			
					50	-0.69	-0.00041	PASS			
			HCH	VN				-30	-0.59	-0.00036	PASS
								-20	1.56	0.00078	PASS
								-10	2.3	0.00116	PASS
								0	3.12	0.0016	PASS
								10	2.33	0.00118	PASS
								20	0.43	0.00018	PASS
								30	2.07	0.00104	PASS
								40	1.51	0.00075	PASS
								50	4.2	0.00223	PASS

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	-0.34	-0.00012	PASS			
					-20	7.04	0.00419	PASS			
					-10	7.03	0.00419	PASS			
					0	8.89	0.00528	PASS			
					10	4.22	0.00255	PASS			
					20	3.48	0.00211	PASS			
					30	1.13	0.00074	PASS			
					40	4.11	0.00248	PASS			
					50	1.33	0.00086	PASS			
			MCH	VN				-30	0.56	0.0004	PASS
								-20	2.78	0.00168	PASS
								-10	2.4	0.00146	PASS
								0	3.81	0.00228	PASS
								10	0.14	0.00016	PASS
								20	-0.14	0	PASS
								30	0.29	0.00025	PASS
								40	-0.68	-0.00031	PASS
			50	0.89	0.00059	PASS					
			HCH	VN				-30	0.85	0.00056	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	2.73	0.00163	PASS
					-10	3.39	0.00201	PASS
					0	1.27	0.0008	PASS
					10	1.13	0.00072	PASS
					20	-1.1	-0.00055	PASS
					30	1.73	0.00106	PASS
					40	-0.28	-0.00008	PASS
					50	-0.54	-0.00023	PASS
		3	LCH	VN	-30	1.29	0.00083	PASS
					-20	1.89	0.00118	PASS
					-10	3.31	0.00201	PASS
					0	2.26	0.0014	PASS
					10	3.29	0.002	PASS
					20	3.45	0.0021	PASS
					30	1.8	0.00113	PASS
					40	-0.68	-0.00032	PASS
			MCH	VN	-30	-0.1	0.00002	PASS
					-20	2.61	0.00158	PASS
					-10	4.06	0.00242	PASS
					0	2.86	0.00173	PASS
					10	0.32	0.00026	PASS
					20	0.45	0.00034	PASS
					30	1.55	0.00097	PASS
					40	-1.54	-0.00081	PASS
			HCH	VN	-30	3.39	0.00201	PASS
					-20	2.91	0.00174	PASS
					-10	-0.94	-0.00046	PASS
					0	-0.44	-0.00017	PASS
					10	1.49	0.00093	PASS
					20	1.36	0.00085	PASS
					30	-0.28	-0.00008	PASS
					40	0.66	0.00045	PASS
		5	LCH	VN	-30	0.6	0.00043	PASS
					-20	3.46	0.0021	PASS
					-10	0.97	0.00065	PASS
					0	0.32	0.00027	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-1.54	-0.00082	PASS
					20	-0.89	-0.00044	PASS
					30	-1.29	-0.00067	PASS
					40	-1.43	-0.00076	PASS
					50	0.27	0.00024	PASS
			MCH	VN	-30	2.66	0.00161	PASS
					-20	4.62	0.00274	PASS
					-10	0.6	0.00042	PASS
					0	1.58	0.00099	PASS
					10	3.59	0.00215	PASS
					20	1.8	0.00112	PASS
					30	1.56	0.00098	PASS
					40	-1.14	-0.00058	PASS
					50	1.96	0.00121	PASS
					HCH	VN	-30	-1.93
			-20	-0.18			-0.00003	PASS
			-10	-2.23			-0.0012	PASS
			0	-2.9			-0.00158	PASS
			10	-3.93			-0.00217	PASS
			20	-3.29			-0.0018	PASS
		30	-1.59	-0.00083			PASS	
		40	-2.74	-0.00149			PASS	
		50	-3.99	-0.0022	PASS			
		10	LCH	VN	-30	2.56	0.00157	PASS
					-20	2.38	0.00147	PASS
					-10	-0.77	-0.00037	PASS
					0	0.62	0.00044	PASS
					10	-2.43	-0.00134	PASS
					20	0.37	0.00029	PASS
					30	-1.07	-0.00054	PASS
					40	2	0.00125	PASS
					50	-0.7	-0.00033	PASS
					MCH	VN	-30	0.53
		-20	0.8	0.00054			PASS	
		-10	0.4	0.00031			PASS	
		0	1.5	0.00094			PASS	
		10	1.79	0.00111			PASS	
		20	-0.13	0			PASS	
		30	0.83	0.00056			PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.37	0.00029	PASS
					50	1.22	0.00078	PASS
			HCH	VN	-30	0.65	0.00045	PASS
					-20	0.07	0.00012	PASS
					-10	3.12	0.00186	PASS
					0	0.65	0.00045	PASS
					10	-1.51	-0.00079	PASS
					20	-0.04	0.00005	PASS
					30	-2.17	-0.00116	PASS
					40	-2.6	-0.00141	PASS
		50	-1.82	-0.00096	PASS			
		15	LCH	VN	-30	-0.34	-0.00012	PASS
					-20	7.04	0.00419	PASS
					-10	7.03	0.00419	PASS
					0	8.89	0.00528	PASS
					10	4.22	0.00255	PASS
					20	3.48	0.00211	PASS
					30	1.13	0.00074	PASS
					40	4.11	0.00248	PASS
			50	1.33	0.00086	PASS		
			MCH	VN	-30	0.56	0.0004	PASS
					-20	2.78	0.00168	PASS
					-10	2.4	0.00146	PASS
					0	3.81	0.00228	PASS
					10	0.14	0.00016	PASS
					20	-0.14	0	PASS
					30	0.29	0.00025	PASS
					40	-0.68	-0.00031	PASS
			50	0.89	0.00059	PASS		
			HCH	VN	-30	0.85	0.00056	PASS
					-20	2.73	0.00163	PASS
					-10	3.39	0.00201	PASS
					0	1.27	0.0008	PASS
					10	1.13	0.00072	PASS
					20	-1.1	-0.00055	PASS
					30	1.73	0.00106	PASS
					40	-0.28	-0.00008	PASS
			50	-0.54	-0.00023	PASS		
			20	LCH	VN	-30	1.29	0.00083



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	1.89	0.00118	PASS
					-10	3.31	0.00201	PASS
					0	2.26	0.0014	PASS
					10	3.29	0.002	PASS
					20	3.45	0.0021	PASS
					30	1.8	0.00113	PASS
					40	-0.68	-0.00032	PASS
					50	-0.06	0.00004	PASS
			MCH	VN	-30	-0.1	0.00002	PASS
					-20	2.61	0.00158	PASS
					-10	4.06	0.00242	PASS
					0	2.86	0.00173	PASS
					10	0.32	0.00026	PASS
					20	0.45	0.00034	PASS
					30	1.55	0.00097	PASS
					40	-1.54	-0.00081	PASS
			HCH	VN	-30	3.39	0.00201	PASS
					-20	2.91	0.00174	PASS
					-10	-0.94	-0.00046	PASS
					0	-0.44	-0.00017	PASS
					10	1.49	0.00093	PASS
					20	1.36	0.00085	PASS
					30	-0.28	-0.00008	PASS
					40	0.66	0.00045	PASS
			LCH	VN	-30	0.6	0.00043	PASS
					-20	3.46	0.0021	PASS
					-10	0.97	0.00065	PASS
					0	0.32	0.00027	PASS
	10	-1.54			-0.00082	PASS		
	20	-0.89			-0.00044	PASS		
	30	-1.29			-0.00067	PASS		
	40	-1.43			-0.00076	PASS		
	50	0.27			0.00024	PASS		
	MCH	VN			-30	2.66	0.00161	PASS
					-20	4.62	0.00274	PASS
					-10	0.6	0.00042	PASS
			0	1.58	0.00099	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	3.59	0.00215	PASS		
					20	1.8	0.00112	PASS		
					30	1.56	0.00098	PASS		
					40	-1.14	-0.00058	PASS		
					50	1.96	0.00121	PASS		
			HCH	VN	-30	-1.93	-0.00102	PASS		
					-20	-0.18	-0.00003	PASS		
					-10	-2.23	-0.0012	PASS		
					0	-2.9	-0.00158	PASS		
					10	-3.93	-0.00217	PASS		
					20	-3.29	-0.0018	PASS		
					30	-1.59	-0.00083	PASS		
					40	-2.74	-0.00149	PASS		
					50	-3.99	-0.0022	PASS		
					LCH	VN	-30	2.56	0.00157	PASS
							-20	2.38	0.00147	PASS
							-10	-0.77	-0.00037	PASS
							0	0.62	0.00044	PASS
		10	-2.43	-0.00134			PASS			
		20	0.37	0.00029			PASS			
		30	-1.07	-0.00054			PASS			
		40	2	0.00125			PASS			
		50	-0.7	-0.00033			PASS			
		MCH	VN	-30	0.53	0.00038	PASS			
				-20	0.8	0.00054	PASS			
				-10	0.4	0.00031	PASS			
				0	1.5	0.00094	PASS			
				10	1.79	0.00111	PASS			
				20	-0.13	0	PASS			
				30	0.83	0.00056	PASS			
				40	0.37	0.00029	PASS			
				50	1.22	0.00078	PASS			
		HCH	VN	-30	0.65	0.00045	PASS			
				-20	0.07	0.00012	PASS			
				-10	3.12	0.00186	PASS			
				0	0.65	0.00045	PASS			
10	-1.51			-0.00079	PASS					
20	-0.04			0.00005	PASS					
30	-2.17			-0.00116	PASS					
3										



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-2.6	-0.00141	PASS
					50	-1.82	-0.00096	PASS
		5	LCH	VN	-30	-0.34	-0.00012	PASS
					-20	7.04	0.00419	PASS
					-10	7.03	0.00419	PASS
					0	8.89	0.00528	PASS
					10	4.22	0.00255	PASS
					20	3.48	0.00211	PASS
					30	1.13	0.00074	PASS
					40	4.11	0.00248	PASS
					50	1.33	0.00086	PASS
			MCH	VN	-30	0.56	0.0004	PASS
					-20	2.78	0.00168	PASS
					-10	2.4	0.00146	PASS
					0	3.81	0.00228	PASS
					10	0.14	0.00016	PASS
					20	-0.14	0	PASS
					30	0.29	0.00025	PASS
					40	-0.68	-0.00031	PASS
					50	0.89	0.00059	PASS
		HCH	VN	-30	0.85	0.00056	PASS	
				-20	2.73	0.00163	PASS	
				-10	3.39	0.00201	PASS	
				0	1.27	0.0008	PASS	
				10	1.13	0.00072	PASS	
				20	-1.1	-0.00055	PASS	
				30	1.73	0.00106	PASS	
				40	-0.28	-0.00008	PASS	
				50	-0.54	-0.00023	PASS	
		10	LCH	VN	-30	1.29	0.00083	PASS
					-20	1.89	0.00118	PASS
					-10	3.31	0.00201	PASS
					0	2.26	0.0014	PASS
					10	3.29	0.002	PASS
					20	3.45	0.0021	PASS
					30	1.8	0.00113	PASS
					40	-0.68	-0.00032	PASS
					50	-0.06	0.00004	PASS
					MCH	VN	-30	-0.1





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-3.93	-0.00217	PASS		
					20	-3.29	-0.0018	PASS		
					30	-1.59	-0.00083	PASS		
					40	-2.74	-0.00149	PASS		
					50	-3.99	-0.0022	PASS		
		20	LCH	VN	-30	2.56	0.00157	PASS		
					-20	2.38	0.00147	PASS		
					-10	-0.77	-0.00037	PASS		
					0	0.62	0.00044	PASS		
					10	-2.43	-0.00134	PASS		
					20	0.37	0.00029	PASS		
					30	-1.07	-0.00054	PASS		
					40	2	0.00125	PASS		
					50	-0.7	-0.00033	PASS		
					MCH	VN	-30	0.53	0.00038	PASS
							-20	0.8	0.00054	PASS
							-10	0.4	0.00031	PASS
							0	1.5	0.00094	PASS
							10	1.79	0.00111	PASS
							20	-0.13	0.00021	PASS
			30	0.83			0.00056	PASS		
			40	0.37			0.00029	PASS		
			HCH	VN	-30	0.65	0.00045	PASS		
					-20	0.07	0.00012	PASS		
					-10	3.12	0.00186	PASS		
					0	0.65	0.00045	PASS		
					10	-1.51	-0.00079	PASS		
					20	-0.04	0.00005	PASS		
					30	-2.17	-0.00116	PASS		
					40	-2.6	-0.00141	PASS		
			50	-1.82	-0.00096	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	3.39	0.0043	PASS
					-20	3.78	0.00477	PASS





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					20	-1.14	-0.00118	PASS	
					30	3.13	0.00393	PASS	
					40	0.26	0.00049	PASS	
					50	0.26	0.00049	PASS	
			HCH	VN	-30	2.16	0.00273	PASS	
					-20	-0.58	-0.0005	PASS	
					-10	1.1	0.00148	PASS	
					0	0.12	0.00032	PASS	
					10	1.5	0.00195	PASS	
					20	-2.03	-0.00221	PASS	
					30	-1.09	-0.00111	PASS	
					40	-2.44	-0.0027	PASS	
					50	-0.68	-0.00062	PASS	
					LCH	VN	-30	0.06	0.00026
		-20					1.06	0.00147	PASS
		-10					1.27	0.00172	PASS
		0	0.87	0.00124			PASS		
		10	-1.41	-0.00152			PASS		
		20	0.56	0.00086			PASS		
		30	-1.47	-0.00159			PASS		
		40	-0.24	-0.0001			PASS		
		50	0.83	0.00119			PASS		
		MCH	VN	-30			-0.27	-0.00014	PASS
				-20	0.86	0.00121	PASS		
				-10	1.1	0.0015	PASS		
				0	1.22	0.00164	PASS		
				10	1.09	0.00149	PASS		
				20	1.75	0.00228	PASS		
				30	2.05	0.00263	PASS		
				40	1.16	0.00157	PASS		
				50	-1.06	-0.00108	PASS		
				HCH	VN	-30	0.47	0.00074	PASS
		-20	-3.02			-0.00339	PASS		
		-10	-2.89			-0.00323	PASS		
		0	1.89			0.00241	PASS		
		10	-20.87			-0.02447	PASS		
		20	-0.63			-0.00056	PASS		
		30	-8.15			-0.00945	PASS		
		40	-0.73			-0.00068	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		10	LCH	VN	50	0.6	0.00089	PASS		
					-30	1.6	0.00212	PASS		
					-20	-2.93	-0.00335	PASS		
					-10	-2.27	-0.00255	PASS		
					0	-1.64	-0.00179	PASS		
					10	-3.35	-0.00386	PASS		
					20	-4.72	-0.00551	PASS		
					30	-2.16	-0.00242	PASS		
					40	-1.21	-0.00127	PASS		
			50	-4.39	-0.00511	PASS				
			MCH	VN	-30	-18.91	-0.02242	PASS		
					-20	0.32	0.00057	PASS		
					-10	-2.87	-0.00325	PASS		
					0	-3.67	-0.0042	PASS		
					10	-1.67	-0.00181	PASS		
					20	2.13	0.00273	PASS		
					30	-3.4	-0.00388	PASS		
					40	1.16	0.00157	PASS		
			HCH	VN	-30	2.06	0.00262	PASS		
					-20	-0.73	-0.00068	PASS		
					-10	1.23	0.00164	PASS		
					0	2.38	0.003	PASS		
					10	-2.32	-0.00257	PASS		
					20	-3.89	-0.00443	PASS		
					30	-3.47	-0.00393	PASS		
			40	-1.49	-0.00158	PASS				
			50	0.8	0.00113	PASS				
			LTE/TM2	1.4	LCH	VN	-30	3.39	0.0043	PASS
							-20	3.78	0.00477	PASS
							-10	3.79	0.00478	PASS
	0	1.63					0.00216	PASS		
	10	0.53					0.00083	PASS		
	20	1.85					0.00243	PASS		
	30	0.76					0.00111	PASS		
	40	1.62					0.00215	PASS		
	50	2.79					0.00357	PASS		
	MCH	VN			-30	0.16	0.00037	PASS		
			-20		2.51	0.00318	PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-0.7	-0.00065	PASS
					0	-0.14	0.00002	PASS
					10	0.24	0.00047	PASS
					20	1.22	0.00164	PASS
					30	-1.56	-0.00168	PASS
					40	-1.59	-0.00172	PASS
			50	1.23	0.00165	PASS		
			HCH	VN	-30	2.29	0.00288	PASS
					-20	4.58	0.00558	PASS
					-10	3.59	0.00441	PASS
					0	-3.03	-0.00339	PASS
					10	-3.33	-0.00375	PASS
					20	-1.49	-0.00158	PASS
					30	2.72	0.00339	PASS
					40	0.67	0.00097	PASS
		50			-1.63	-0.00174	PASS	
		3	LCH	VN	-30	0.45	0.00073	PASS
					-20	2.06	0.00268	PASS
					-10	0.63	0.00095	PASS
					0	1.5	0.002	PASS
					10	3.32	0.00421	PASS
					20	0.57	0.00088	PASS
					30	-0.71	-0.00067	PASS
					40	-0.21	-0.00007	PASS
			50	1.02	0.00142	PASS		
			MCH	VN	-30	-0.66	-0.00061	PASS
					-20	3.15	0.00395	PASS
					-10	1.76	0.00229	PASS
					0	2.68	0.00339	PASS
					10	3.02	0.00379	PASS
					20	-1.14	-0.00118	PASS
		30			3.13	0.00393	PASS	
		40	0.26	0.00049	PASS			
		50	0.26	0.00049	PASS			
		HCH	VN	-30	2.16	0.00273	PASS	
				-20	-0.58	-0.0005	PASS	
				-10	1.1	0.00148	PASS	
				0	0.12	0.00032	PASS	
				10	1.5	0.00195	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-2.03	-0.00221	PASS		
					30	-1.09	-0.00111	PASS		
					40	-2.44	-0.0027	PASS		
					50	-0.68	-0.00062	PASS		
		5	LCH	VN	-30	0.06	0.00026	PASS		
					-20	1.06	0.00147	PASS		
					-10	1.27	0.00172	PASS		
					0	0.87	0.00124	PASS		
					10	-1.41	-0.00152	PASS		
					20	0.56	0.00086	PASS		
					30	-1.47	-0.00159	PASS		
					40	-0.24	-0.0001	PASS		
					50	0.83	0.00119	PASS		
					MCH	VN	-30	-0.27	-0.00014	PASS
							-20	0.86	0.00121	PASS
							-10	1.1	0.0015	PASS
			0	1.22			0.00164	PASS		
			10	1.09			0.00149	PASS		
			20	1.75			0.00228	PASS		
			30	2.05			0.00263	PASS		
			40	1.16			0.00157	PASS		
			HCH	VN	-30	0.47	0.00074	PASS		
					-20	-3.02	-0.00339	PASS		
					-10	-2.89	-0.00323	PASS		
					0	1.89	0.00241	PASS		
					10	-20.87	-0.02447	PASS		
					20	-0.63	-0.00056	PASS		
					30	-8.15	-0.00945	PASS		
					40	-0.73	-0.00068	PASS		
			10	LCH	VN	-30	1.6	0.00212	PASS	
						-20	-2.93	-0.00335	PASS	
						-10	-2.27	-0.00255	PASS	
		0				-1.64	-0.00179	PASS		
		10				-3.35	-0.00386	PASS		
		20				-4.72	-0.00551	PASS		
		30				-2.16	-0.00242	PASS		
		40				-1.21	-0.00127	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-4.39	-0.00511	PASS
			MCH	VN	-30	-18.91	-0.02242	PASS
					-20	0.32	0.00057	PASS
					-10	-2.87	-0.00325	PASS
					0	-3.67	-0.0042	PASS
					10	-1.67	-0.00181	PASS
					20	2.13	0.00273	PASS
					30	-3.4	-0.00388	PASS
					40	1.16	0.00157	PASS
					50	-2.95	-0.00334	PASS
			HCH	VN	-30	2.06	0.00262	PASS
					-20	-0.73	-0.00068	PASS
					-10	1.23	0.00164	PASS
					0	2.38	0.003	PASS
					10	-2.32	-0.00257	PASS
					20	-3.89	-0.00443	PASS
					30	-3.47	-0.00393	PASS
					40	-1.49	-0.00158	PASS
			50	0.8	0.00113	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND7	LTE/TM1	5	LCH	VN	-30	0.24	0.00814	PASS
					-20	-1.14	-0.00041	PASS
					-10	18.8	0.00756	PASS
					0	-15.56	-0.00617	PASS
					10	-5.25	-0.00205	PASS
					20	3.38	0.0014	PASS
					30	10.95	0.00442	PASS
					40	-4.76	-0.00185	PASS
					50	6.5	0.00265	PASS
			MCH	VN	-30	8.47	0.00339	PASS
					-20	5.61	0.00226	PASS
					-10	5.62	0.00226	PASS
					0	4.21	0.00171	PASS
					10	4.87	0.00197	PASS
					20	3.81	0.00155	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	3.23	0.00132	PASS			
					40	3.61	0.00147	PASS			
					50	2.99	0.00123	PASS			
			HCH	VN	-30	2.49	0.00102	PASS			
					-20	4.14	0.00166	PASS			
					-10	1.39	0.00059	PASS			
					0	0.32	0.00017	PASS			
					10	3.06	0.00124	PASS			
					20	2.03	0.00084	PASS			
					30	1.79	0.00074	PASS			
					40	1.35	0.00057	PASS			
					50	2.59	0.00105	PASS			
					10	LCH	VN	-30	-0.31	-0.00008	PASS
								-20	5.65	0.0023	PASS
								-10	5.47	0.00223	PASS
		0	3.38	0.0014				PASS			
		10	4.18	0.00172				PASS			
		20	3.54	0.00146				PASS			
		30	4.45	0.00182				PASS			
		40	6.1	0.00248				PASS			
		50	6.68	0.00271				PASS			
		MCH	VN	-30				3.21	0.00131	PASS	
				-20				1.76	0.00074	PASS	
				-10				7.13	0.00286	PASS	
				0				2.79	0.00115	PASS	
				10				1.29	0.00056	PASS	
				20				1.55	0.00066	PASS	
				30	2.15	0.0009	PASS				
				40	3.32	0.00136	PASS				
				50	1.35	0.00058	PASS				
		HCH	VN	-30	3.22	0.0013	PASS				
				-20	2.92	0.00118	PASS				
				-10	2.78	0.00113	PASS				
				0	2.61	0.00106	PASS				
				10	1.27	0.00054	PASS				
				20	1.4	0.00059	PASS				
				30	3.06	0.00124	PASS				
				40	4.38	0.00175	PASS				
				50	1.73	0.00072	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		15	LCH	VN	-30	3.62	0.00149	PASS
					-20	-1.33	-0.00048	PASS
					-10	11.45	0.00461	PASS
					0	3.08	0.00128	PASS
					10	18.51	0.00743	PASS
					20	17.84	0.00716	PASS
					30	11.82	0.00476	PASS
					40	8.44	0.00341	PASS
					50	6.57	0.00267	PASS
			MCH	VN	-30	6.17	0.00248	PASS
					-20	7.51	0.00301	PASS
					-10	2.39	0.00099	PASS
					0	3.19	0.00131	PASS
					10	2.78	0.00114	PASS
					20	2.61	0.00108	PASS
					30	0.75	0.00034	PASS
					40	4.88	0.00197	PASS
					50	1.15	0.0005	PASS
		HCH	VN	-30	2.75	0.00112	PASS	
				-20	4.09	0.00164	PASS	
				-10	3.21	0.0013	PASS	
				0	3.82	0.00154	PASS	
				10	4.18	0.00168	PASS	
				20	3.43	0.00138	PASS	
				30	3.64	0.00147	PASS	
				40	2.79	0.00114	PASS	
				50	1.49	0.00063	PASS	
		20	LCH	VN	-30	7.51	0.00304	PASS
					-20	-3.55	-0.00137	PASS
					-10	-2.83	-0.00108	PASS
					0	2.96	0.00123	PASS
					10	1.3	0.00057	PASS
					20	10	0.00403	PASS
					30	24.13	0.00966	PASS
					40	13.31	0.00535	PASS
					50	12.65	0.00509	PASS
MCH	VN		-30	3.15	0.00129	PASS		
			-20	2.05	0.00086	PASS		
			-10	2.35	0.00097	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					0	3.28	0.00134	PASS								
					10	4.02	0.00163	PASS								
					20	3.13	0.00128	PASS								
					30	1.4	0.0006	PASS								
					40	3.08	0.00126	PASS								
					50	1.05	0.00046	PASS								
			HCH	VN				-30	1.4	0.00059	PASS					
								-20	1.45	0.00061	PASS					
								-10	2.08	0.00086	PASS					
								0	1.78	0.00074	PASS					
								10	1.92	0.0008	PASS					
								20	2.49	0.00102	PASS					
								30	1.85	0.00077	PASS					
								40	0.69	0.00032	PASS					
								50	2.09	0.00086	PASS					
								LTE/TM2		5	LCH	VN	-30	0.24	0.00814	PASS
													-20	-1.14	-0.00041	PASS
													-10	18.8	0.00756	PASS
	0	-15.56	-0.00617	PASS												
	10	-5.25	-0.00205	PASS												
	20	3.38	0.0014	PASS												
	30	10.95	0.00442	PASS												
	40	-4.76	-0.00185	PASS												
	50	6.5	0.00265	PASS												
	MCH	VN				-30	8.47				0.00339	PASS				
						-20	5.61				0.00226	PASS				
						-10	5.62				0.00226	PASS				
						0	4.21				0.00171	PASS				
						10	4.87				0.00197	PASS				
						20	3.81				0.00155	PASS				
						30	3.23				0.00132	PASS				
						40	3.61				0.00147	PASS				
						50	2.99				0.00123	PASS				
	HCH	VN				-30	2.49	0.00102	PASS							
						-20	4.14	0.00166	PASS							
						-10	1.39	0.00059	PASS							
0						0.32	0.00017	PASS								
10						3.06	0.00124	PASS								
20						2.03	0.00084	PASS								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	1.79	0.00074	PASS			
					40	1.35	0.00057	PASS			
					50	2.59	0.00105	PASS			
		10		LCH	VN	-30	-0.31	-0.00008	PASS		
						-20	5.65	0.0023	PASS		
						-10	5.47	0.00223	PASS		
						0	3.38	0.0014	PASS		
						10	4.18	0.00172	PASS		
						20	3.54	0.00146	PASS		
						30	4.45	0.00182	PASS		
						40	6.1	0.00248	PASS		
						50	6.68	0.00271	PASS		
						MCH	VN	-30	3.21	0.00131	PASS
								-20	1.76	0.00074	PASS
								-10	7.13	0.00286	PASS
				0	2.79			0.00115	PASS		
				10	1.29			0.00056	PASS		
				20	1.55			0.00066	PASS		
				HCH	VN	30	2.15	0.0009	PASS		
						40	3.32	0.00136	PASS		
						50	1.35	0.00058	PASS		
						-30	3.22	0.0013	PASS		
						-20	2.92	0.00118	PASS		
						-10	2.78	0.00113	PASS		
						0	2.61	0.00106	PASS		
						10	1.27	0.00054	PASS		
						20	1.4	0.00059	PASS		
				15		LCH	VN	30	3.06	0.00124	PASS
								40	4.38	0.00175	PASS
								50	1.73	0.00072	PASS
		-30	3.62					0.00149	PASS		
		-20	-1.33					-0.00048	PASS		
		-10	11.45					0.00461	PASS		
0	3.08	0.00128	PASS								
10	18.51	0.00743	PASS								
20	17.84	0.00716	PASS								
30	11.82	0.00476	PASS								
40	8.44	0.00341	PASS								
50	6.57	0.00267	PASS								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	6.17	0.00248	PASS
					-20	7.51	0.00301	PASS
					-10	2.39	0.00099	PASS
					0	3.19	0.00131	PASS
					10	2.78	0.00114	PASS
					20	2.61	0.00108	PASS
					30	0.75	0.00034	PASS
					40	4.88	0.00197	PASS
					50	1.15	0.0005	PASS
			HCH	VN	-30	2.75	0.00112	PASS
					-20	4.09	0.00164	PASS
					-10	3.21	0.0013	PASS
					0	3.82	0.00154	PASS
					10	4.18	0.00168	PASS
					20	3.43	0.00138	PASS
					30	3.64	0.00147	PASS
					40	2.79	0.00114	PASS
					50	1.49	0.00063	PASS
		20	LCH	VN	-30	7.51	0.00304	PASS
					-20	-3.55	-0.00137	PASS
					-10	-2.83	-0.00108	PASS
					0	2.96	0.00123	PASS
					10	1.3	0.00057	PASS
					20	10	0.00403	PASS
					30	24.13	0.00966	PASS
					40	13.31	0.00535	PASS
					50	12.65	0.00509	PASS
			MCH	VN	-30	3.15	0.00129	PASS
					-20	2.05	0.00086	PASS
					-10	2.35	0.00097	PASS
					0	3.28	0.00134	PASS
					10	4.02	0.00163	PASS
					20	3.13	0.00128	PASS
					30	1.4	0.0006	PASS
					40	3.08	0.00126	PASS
					50	1.05	0.00046	PASS
		HCH	VN	-30	1.4	0.00059	PASS	
				-20	1.45	0.00061	PASS	
				-10	2.08	0.00086	PASS	



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Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	1.78	0.00074	PASS
					10	1.92	0.0008	PASS
					20	2.49	0.00102	PASS
					30	1.85	0.00077	PASS
					40	0.69	0.00032	PASS
					50	2.09	0.00086	PASS

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END