



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	0.6	0.00031	PASS
		5	LCH	TN	VL	-1.86	-0.001	PASS
					VN	-3.71	-0.002	PASS
					VH	-1.92	-0.00104	PASS
			MCH	TN	VL	-3.26	-0.00173	PASS
					VN	-3.05	-0.00162	PASS
					VH	-3.32	-0.00177	PASS
			HCH	TN	VL	-1.43	-0.00075	PASS
					VN	-0.06	-0.00003	PASS
					VH	-0.53	-0.00028	PASS
		10	LCH	TN	VL	-2.55	-0.00137	PASS
					VN	-2.89	-0.00156	PASS
					VH	-2.53	-0.00136	PASS
			MCH	TN	VL	-3.85	-0.00205	PASS
					VN	-4.33	-0.0023	PASS
					VH	-4.42	-0.00235	PASS
			HCH	TN	VL	-0.43	-0.00023	PASS
					VN	1.65	0.00087	PASS
					VH	2.1	0.0011	PASS
		15	LCH	TN	VL	-3.1	-0.00167	PASS
					VN	-3.13	-0.00169	PASS
					VH	-2.46	-0.00132	PASS
			MCH	TN	VL	-4.29	-0.00228	PASS
					VN	-3.66	-0.00195	PASS
					VH	-4.29	-0.00228	PASS
			HCH	TN	VL	-2.76	-0.00145	PASS
					VN	-3.13	-0.00165	PASS
					VH	-3.83	-0.00201	PASS
		20	LCH	TN	VL	0.5	0.00027	PASS
					VN	0.86	0.00046	PASS
					VH	0.93	0.0005	PASS
			MCH	TN	VL	-3.25	-0.00173	PASS
					VN	-2.82	-0.0015	PASS
					VH	-3.23	-0.00172	PASS
			HCH	TN	VL	-1.14	-0.0006	PASS
					VN	-3.65	-0.00192	PASS
					VH	-2.89	-0.00152	PASS



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	1.36	0.00079	PASS
					VN	0.8	0.00047	PASS
					VH	0.46	0.00027	PASS
			MCH	TN	VL	0.83	0.00048	PASS
					VN	-0.97	-0.00056	PASS
					VH	-0.67	-0.00039	PASS
			HCH	TN	VL	-4.22	-0.00241	PASS
					VN	-3.09	-0.00176	PASS
					VH	-3.83	-0.00218	PASS
		3	LCH	TN	VL	9.56	0.00559	PASS
					VN	10.76	0.00629	PASS
					VH	9.24	0.0054	PASS
			MCH	TN	VL	-2.68	-0.00155	PASS
					VN	-0.8	-0.00046	PASS
					VH	-5.62	-0.00324	PASS
			HCH	TN	VL	-0.27	-0.00015	PASS
					VN	2.63	0.0015	PASS
					VH	1.36	0.00078	PASS
		5	LCH	TN	VL	1.4	0.00082	PASS
					VN	1.37	0.0008	PASS
					VH	-3.91	-0.00228	PASS
			MCH	TN	VL	-4.66	-0.00269	PASS
					VN	0.69	0.0004	PASS
					VH	0.5	0.00029	PASS
			HCH	TN	VL	-2.17	-0.00124	PASS
					VN	-2.29	-0.00131	PASS
					VH	-2.66	-0.00152	PASS
		10	LCH	TN	VL	-2.12	-0.00124	PASS
					VN	-2.98	-0.00174	PASS
					VH	3.43	0.002	PASS
			MCH	TN	VL	-0.7	-0.0004	PASS
					VN	-0.04	-0.00002	PASS
					VH	-3.23	-0.00186	PASS
			HCH	TN	VL	1.8	0.00103	PASS
					VN	1.7	0.00097	PASS
					VH	1.62	0.00093	PASS
		15	LCH	TN	VL	0.4	0.00023	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	0.74	0.00043	PASS		
					VH	-0.7	-0.00041	PASS		
					MCH	TN	VL	-0.54	-0.00031	PASS
							VN	0.26	0.00015	PASS
					VH	-1.16	-0.00067	PASS		
					HCH	TN	VL	-0.96	-0.00055	PASS
			VN	1.7			0.00097	PASS		
			VH	0.44			0.00025	PASS		
			20	LCH	TN	VL	-1	-0.00058	PASS	
						VN	-0.4	-0.00023	PASS	
						VH	0.1	0.00006	PASS	
				MCH	TN	VL	0.74	0.00043	PASS	
		VN				3.1	0.00179	PASS		
		VH				0.97	0.00056	PASS		
		HCH		TN	VL	-1.73	-0.00099	PASS		
					VN	-3.68	-0.00211	PASS		
					VH	-2.1	-0.0012	PASS		
		1.4		LCH	TN	VL	1.39	0.00081	PASS	
						VN	1.2	0.0007	PASS	
						VH	1.77	0.00103	PASS	
			MCH	TN	VL	1.03	0.00059	PASS		
					VN	1.27	0.00073	PASS		
					VH	1.16	0.00067	PASS		
			HCH	TN	VL	-2.06	-0.00117	PASS		
					VN	-1.92	-0.00109	PASS		
					VH	-1.76	-0.001	PASS		
			3	LCH	TN	VL	3.68	0.00215	PASS	
						VN	6.44	0.00376	PASS	
						VH	-1.79	-0.00105	PASS	
		MCH		TN	VL	4.29	0.00248	PASS		
					VN	-2.99	-0.00173	PASS		
					VH	3.3	0.0019	PASS		
		HCH		TN	VL	7.11	0.00405	PASS		
					VN	1.37	0.00078	PASS		
					VH	2.68	0.00153	PASS		
		5	LCH	TN	VL	-3.03	-0.00177	PASS		
					VN	2.7	0.00158	PASS		
					VH	-0.74	-0.00043	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			MCH	TN	VL	-1.44	-0.00083	PASS		
					VN	1.5	0.00087	PASS		
					VH	0.2	0.00012	PASS		
			HCH	TN	VL	-9.41	-0.00537	PASS		
					VN	-2.73	-0.00156	PASS		
					VH	-4.36	-0.00249	PASS		
		10	LCH	TN	VL	-13.15	-0.00767	PASS		
					VN	-9.44	-0.0055	PASS		
					VH	-8.28	-0.00483	PASS		
			MCH	TN	VL	1	0.00058	PASS		
					VN	0.92	0.00053	PASS		
					VH	0.62	0.00036	PASS		
			HCH	TN	VL	0.74	0.00042	PASS		
					VN	2.39	0.00137	PASS		
					VH	-0.24	-0.00014	PASS		
		15	LCH	TN	VL	0.04	0.00002	PASS		
					VN	0.99	0.00058	PASS		
					VH	-0.34	-0.0002	PASS		
			MCH	TN	VL	0.79	0.00046	PASS		
					VN	0.64	0.00037	PASS		
					VH	-0.11	-0.00006	PASS		
			HCH	TN	VL	-0.59	-0.00034	PASS		
					VN	-0.47	-0.00027	PASS		
					VH	-2.09	-0.0012	PASS		
		20	LCH	TN	VL	4.53	0.00263	PASS		
					VN	3.13	0.00182	PASS		
					VH	3.4	0.00198	PASS		
			MCH	TN	VL	-0.44	-0.00025	PASS		
					VN	1.86	0.00107	PASS		
					VH	2.92	0.00169	PASS		
			HCH	TN	VL	1.44	0.00083	PASS		
					VN	0.94	0.00054	PASS		
					VH	-1.65	-0.00095	PASS		
		BAND5	LTE/TM1	1.4	LCH	TN	VL	-1.93	-0.00234	PASS
							VN	-2.23	-0.0027	PASS
							VH	-1.63	-0.00198	PASS
MCH	TN				VL	-1.59	-0.0019	PASS		
					VN	-1.32	-0.00158	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		3	HCH	TN	VH	-0.67	-0.0008	PASS		
					VL	0.03	0.00004	PASS		
					VN	0.1	0.00012	PASS		
					VH	-0.51	-0.0006	PASS		
			LCH	TN	VL	-1.43	-0.00173	PASS		
					VN	1.86	0.00225	PASS		
					VH	1.4	0.0017	PASS		
					MCH	TN	VL	1.54	0.00184	PASS
							VN	-0.93	-0.00111	PASS
							VH	-1.67	-0.002	PASS
			HCH	TN	VL	-0.03	-0.00004	PASS		
					VN	0.07	0.00008	PASS		
		VH			-1.5	-0.00177	PASS			
		5	LCH	TN	VL	-4.09	-0.00495	PASS		
					VN	-0.2	-0.00024	PASS		
					VH	-2.49	-0.00301	PASS		
					MCH	TN	VL	-0.97	-0.00116	PASS
							VN	-1.5	-0.00179	PASS
							VH	0.66	0.00079	PASS
			HCH	TN	VL	0.01	0.00001	PASS		
					VN	-1.53	-0.00181	PASS		
					VH	-1.92	-0.00227	PASS		
			10	LCH	TN	VL	-1.86	-0.00224	PASS	
						VN	1.09	0.00131	PASS	
						VH	-1.85	-0.00223	PASS	
		MCH		TN	VL	0.73	0.00087	PASS		
					VN	-0.1	-0.00012	PASS		
					VH	0.94	0.00112	PASS		
		HCH		TN	VL	2.52	0.00299	PASS		
					VN	2.66	0.00315	PASS		
					VH	3.76	0.00445	PASS		
		LTE/TM2	1.4	LCH	TN	VL	-1.54	-0.00187	PASS	
						VN	-3.29	-0.00399	PASS	
						VH	-1.53	-0.00186	PASS	
				MCH	TN	VL	-0.89	-0.00106	PASS	
						VN	-0.89	-0.00106	PASS	
						VH	-0.62	-0.00074	PASS	
			HCH	TN	VL	-1.09	-0.00128	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
		3	LCH	TN	VN	-0.36	-0.00042	PASS		
					VH	-0.43	-0.00051	PASS		
					VL	-1.82	-0.0022	PASS		
			MCH	TN	VN	0.67	0.00081	PASS		
					VH	0.07	0.00008	PASS		
					VL	-2.42	-0.00289	PASS		
		HCH	TN	VN	1.16	0.00139	PASS			
				VH	-0.5	-0.0006	PASS			
				VL	-4.75	-0.0056	PASS			
		5	LCH	TN	VN	0.7	0.00083	PASS		
					VH	-3.39	-0.004	PASS		
					VL	-4.53	-0.00548	PASS		
			MCH	TN	VN	-0.63	-0.00076	PASS		
					VH	0.27	0.00033	PASS		
					VL	0.73	0.00087	PASS		
			HCH	TN	VN	0.03	0.00004	PASS		
					VH	-0.99	-0.00118	PASS		
					VL	-3.02	-0.00357	PASS		
			10	LCH	TN	VN	-1.7	-0.00201	PASS	
						VH	-2.55	-0.00301	PASS	
						VL	-1.96	-0.00236	PASS	
		MCH		TN	VN	0.96	0.00116	PASS		
					VH	-2.36	-0.00285	PASS		
					VL	-0.23	-0.00027	PASS		
		HCH		TN	VN	-1.04	-0.00124	PASS		
					VH	-1.02	-0.00122	PASS		
					VL	0.16	0.00019	PASS		
		BAND12	LTE/TM1	1.4	LCH	TN	VN	0.23	0.00027	PASS
							VH	1.07	0.00127	PASS
							VL	-2.57	-0.00367	PASS
MCH	TN				VN	-1.57	-0.00224	PASS		
					VH	-2.76	-0.00394	PASS		
					VL	-0.84	-0.00119	PASS		
HCH	TN				VN	-2	-0.00283	PASS		
					VH	0.89	0.00126	PASS		
					VL	0.04	0.00006	PASS		
VN	0.8	0.00112	PASS							
VH	-0.86	-0.0012	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		3	LCH	TN	VL	61.08	0.08719	PASS	
					VN	62.57	0.08932	PASS	
					VH	59.24	0.08457	PASS	
			MCH	TN	VL	-1.72	-0.00243	PASS	
					VN	-0.96	-0.00136	PASS	
					VH	-1.89	-0.00267	PASS	
			HCH	TN	VL	-0.94	-0.00132	PASS	
					VN	-0.34	-0.00048	PASS	
					VH	0.27	0.00038	PASS	
		5	LCH	TN	VL	-0.36	-0.00051	PASS	
					VN	1.23	0.00175	PASS	
					VH	0.69	0.00098	PASS	
			MCH	TN	VL	-0.16	-0.00023	PASS	
					VN	-0.76	-0.00107	PASS	
					VH	-1.13	-0.0016	PASS	
			HCH	TN	VL	0.86	0.00121	PASS	
					VN	-0.66	-0.00093	PASS	
					VH	-1.53	-0.00214	PASS	
		10	LCH	TN	VL	-0.31	-0.00044	PASS	
					VN	0.39	0.00055	PASS	
					VH	-0.84	-0.00119	PASS	
			MCH	TN	VL	-1.14	-0.00161	PASS	
					VN	-2.09	-0.00295	PASS	
					VH	-1.72	-0.00243	PASS	
			HCH	TN	VL	-1.96	-0.00276	PASS	
					VN	-2.46	-0.00346	PASS	
					VH	-3.23	-0.00454	PASS	
		LTE/TM2	1.4	LCH	TN	VL	0.24	0.00034	PASS
						VN	1.13	0.00161	PASS
						VH	0.63	0.0009	PASS
				MCH	TN	VL	0.41	0.00058	PASS
						VN	-1.63	-0.0023	PASS
						VH	-1.07	-0.00151	PASS
			HCH	TN	VL	0.9	0.00126	PASS	
					VN	-1.44	-0.00201	PASS	
					VH	-1.17	-0.00164	PASS	
			3	LCH	TN	VL	40.23	0.05743	PASS
						VN	39.88	0.05693	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			MCH	TN	VH	36.91	0.05269	PASS		
					VL	-1.36	-0.00192	PASS		
					VN	-1.8	-0.00254	PASS		
			HCH	TN	VH	-2.32	-0.00328	PASS		
					VL	-1.04	-0.00146	PASS		
					VN	0.64	0.0009	PASS		
			LCH	TN	VH	-0.72	-0.00101	PASS		
					VL	-0.01	-0.00001	PASS		
					VN	0.43	0.00061	PASS		
		5	MCH	TN	VH	0.99	0.00141	PASS		
					VL	-0.63	-0.00089	PASS		
					VN	-1.07	-0.00151	PASS		
			HCH	TN	VH	-1.93	-0.00273	PASS		
					VL	-1.85	-0.00259	PASS		
					VN	0.2	0.00028	PASS		
		10	LCH	TN	VH	-1.63	-0.00228	PASS		
					VL	-1.5	-0.00213	PASS		
					VN	-0.82	-0.00116	PASS		
			MCH	TN	VH	-0.24	-0.00034	PASS		
					VL	-0.74	-0.00105	PASS		
					VN	-1.19	-0.00168	PASS		
			HCH	TN	VH	-0.67	-0.00095	PASS		
					VL	-2.83	-0.00398	PASS		
					VN	-2.76	-0.00388	PASS		
		BAND17	LTE/TM1	5	LCH	TN	VH	-1.8	-0.00253	PASS
							VL	-2.76	-0.00391	PASS
							VN	-3.46	-0.0049	PASS
MCH	TN				VH	-3.05	-0.00432	PASS		
					VL	-0.9	-0.00127	PASS		
					VN	-2.85	-0.00401	PASS		
HCH	TN			VH	-1.37	-0.00193	PASS			
				VL	0.83	0.00116	PASS			
				VN	0.24	0.00034	PASS			
10	LCH	TN	VH	0.13	0.00018	PASS				
			VL	-2.65	-0.00374	PASS				
			VN	-3.71	-0.00523	PASS				
MCH	TN	VH	-4.13	-0.00583	PASS					
VL	-4.75	-0.00669	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	5	HCH	TN	VN	-1.99	-0.0028	PASS
					VH	-1.46	-0.00206	PASS
					VL	-1.4	-0.00197	PASS
			VN		-2.25	-0.00316	PASS	
			VH		-5.38	-0.00757	PASS	
			VL		-0.67	-0.00095	PASS	
		LCH	VN	-3.5	-0.00495	PASS		
			VH	-2.17	-0.00307	PASS		
			VL	-2	-0.00282	PASS		
		MCH	VN	-0.5	-0.0007	PASS		
			VH	1.75	0.00246	PASS		
			VL	0.34	0.00048	PASS		
	HCH	VN	-1.53	-0.00214	PASS			
		VH	-0.09	-0.00013	PASS			
		VL	-2.12	-0.00299	PASS			
	10	LCH	10	TN	VN	-0.37	-0.00052	PASS
					VH	-2.02	-0.00285	PASS
					VL	1.79	0.00252	PASS
		MCH		VN	0.72	0.00101	PASS	
				VH	-5.38	-0.00757	PASS	
				VL	-3.58	-0.00504	PASS	
HCH		VN		-5.59	-0.00786	PASS		
		VH		-2.96	-0.00416	PASS		
		VL						

8.3.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND2	LTE/TM1	1.4	LCH	VN	-30	6.02	0.00325	±2.5	PASS
					-20	-0.90	-0.00049	±2.5	PASS
					-10	8.87	0.00479	±2.5	PASS
					0	-2.75	-0.00149	±2.5	PASS
					10	-10.40	-0.00562	±2.5	PASS
					20	-4.18	-0.0028	±2.5	PASS
					30	4.42	0.00239	±2.5	PASS
					40	8.91	0.00481	±2.5	PASS
					50	-6.42	-0.00347	±2.5	PASS
			MCH	VN	-30	-2.63	-0.0014	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict	
					-20	-11.12	-0.00591	±2.5	PASS	
					-10	-2.13	-0.00166	±2.5	PASS	
					0	0.54	0.00029	±2.5	PASS	
					10	3.50	0.00186	±2.5	PASS	
					20	-9.86	-0.00524	±2.5	PASS	
					30	-9.37	-0.00498	±2.5	PASS	
					40	0.84	0.00045	±2.5	PASS	
					50	-12.55	-0.00668	±2.5	PASS	
			HCH	VN	-30	-3.62	-0.0019	±2.5	PASS	
					-20	-1.72	-0.0009	±2.5	PASS	
					-10	-2.15	-0.00165	±2.5	PASS	
					0	3.46	0.00181	±2.5	PASS	
					10	-11.50	-0.00602	±2.5	PASS	
					20	-3.58	-0.00188	±2.5	PASS	
					30	-9.86	-0.00516	±2.5	PASS	
					40	-0.34	-0.00018	±2.5	PASS	
			50	-0.53	-0.00028	±2.5	PASS			
			3	LCH	VN	-30	-10.19	-0.0055	±2.5	PASS
						-20	-9.57	-0.00517	±2.5	PASS
						-10	-4.35	-0.00235	±2.5	PASS
		0				-0.41	-0.00022	±2.5	PASS	
		10				-3.11	-0.00222	±2.5	PASS	
		20				-9.37	-0.00506	±2.5	PASS	
		30				-2.53	-0.00137	±2.5	PASS	
		40				-13.30	-0.00718	±2.5	PASS	
		50		-9.86	-0.00533	±2.5	PASS			
		MCH		VN	-30	-9.76	-0.00519	±2.5	PASS	
					-20	-9.04	-0.00481	±2.5	PASS	
					-10	-6.34	-0.00337	±2.5	PASS	
					0	-8.15	-0.00434	±2.5	PASS	
					10	-5.28	-0.00281	±2.5	PASS	
					20	-3.96	-0.00211	±2.5	PASS	
					30	-3.05	-0.00162	±2.5	PASS	
					40	-5.64	-0.003	±2.5	PASS	
		50		-8.25	-0.00439	±2.5	PASS			
		HCH		VN	-30	-1.69	-0.00089	±2.5	PASS	
					-20	-9.06	-0.00475	±2.5	PASS	
			-10		-6.72	-0.00352	±2.5	PASS		
			0		-0.90	-0.00047	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict			
					10	-10.30	-0.0054	±2.5	PASS			
					20	-8.44	-0.00442	±2.5	PASS			
					30	-2.20	-0.00115	±2.5	PASS			
					40	-10.11	-0.0053	±2.5	PASS			
					50	-5.68	-0.00298	±2.5	PASS			
					5	LCH	VN	-30	9.28	0.00501	±2.5	PASS
								-20	-1.23	-0.00066	±2.5	PASS
								-10	0.56	0.0003	±2.5	PASS
								0	1.89	0.00102	±2.5	PASS
								10	2.07	0.00112	±2.5	PASS
		20	5.65	0.00305				±2.5	PASS			
		30	4.53	0.00245				±2.5	PASS			
		40	0.70	0.00038				±2.5	PASS			
		50	-9.58	-0.00517				±2.5	PASS			
		5	MCH	VN				-30	-2.80	-0.00149	±2.5	PASS
					-20	-17.24	-0.00917	±2.5	PASS			
					-10	-5.41	-0.00288	±2.5	PASS			
					0	-15.42	-0.0082	±2.5	PASS			
					10	0.30	0.00016	±2.5	PASS			
					20	-9.51	-0.00506	±2.5	PASS			
					30	-18.07	-0.00961	±2.5	PASS			
					40	0.43	0.00023	±2.5	PASS			
					50	-6.85	-0.00364	±2.5	PASS			
					5	HCH	VN	-30	-13.03	-0.00683	±2.5	PASS
		-20	-1.65	-0.00087				±2.5	PASS			
		-10	-2.39	-0.00125				±2.5	PASS			
		0	-6.88	-0.00361				±2.5	PASS			
		10	-5.48	-0.00287				±2.5	PASS			
		20	1.09	0.00057				±2.5	PASS			
		30	5.51	0.00289				±2.5	PASS			
		40	-6.72	-0.00352				±2.5	PASS			
		50	-10.43	-0.00547				±2.5	PASS			
		10	LCH	VN				-30	-4.11	-0.00275	±2.5	PASS
-20	-3.36				-0.00181	±2.5	PASS					
-10	-0.50				-0.00027	±2.5	PASS					
0	-4.02				-0.00217	±2.5	PASS					
10	-6.31				-0.0034	±2.5	PASS					
20	-7.50				-0.00404	±2.5	PASS					
30	-4.81				-0.00259	±2.5	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	-3.63	-0.00196	±2.5	PASS
					50	-4.88	-0.00263	±2.5	PASS
			MCH	VN	-30	-6.39	-0.0034	±2.5	PASS
					-20	-8.34	-0.00444	±2.5	PASS
					-10	-6.41	-0.00341	±2.5	PASS
					0	-7.71	-0.0041	±2.5	PASS
					10	-6.35	-0.00338	±2.5	PASS
					20	-9.28	-0.00494	±2.5	PASS
					30	-9.04	-0.00481	±2.5	PASS
					40	-8.05	-0.00428	±2.5	PASS
			50	-8.80	-0.00468	±2.5	PASS		
			HCH	VN	-30	-1.23	-0.00065	±2.5	PASS
					-20	-6.61	-0.00347	±2.5	PASS
					-10	-3.95	-0.00207	±2.5	PASS
					0	-5.24	-0.00275	±2.5	PASS
					10	-2.46	-0.00129	±2.5	PASS
					20	3.63	0.00191	±2.5	PASS
					30	5.25	0.00276	±2.5	PASS
		40			10.49	0.00551	±2.5	PASS	
		50	-12.12	-0.00636	±2.5	PASS			
		15	LCH	VN	-30	-9.81	-0.00528	±2.5	PASS
					-20	-5.85	-0.00315	±2.5	PASS
					-10	-8.13	-0.00438	±2.5	PASS
					0	-9.04	-0.00487	±2.5	PASS
					10	-9.01	-0.00485	±2.5	PASS
					20	-7.30	-0.00393	±2.5	PASS
					30	-6.64	-0.00357	±2.5	PASS
					40	-9.56	-0.00515	±2.5	PASS
					50	-5.24	-0.00282	±2.5	PASS
			MCH	VN	-30	-5.36	-0.00285	±2.5	PASS
					-20	-11.52	-0.00613	±2.5	PASS
					-10	-8.50	-0.00452	±2.5	PASS
					0	-9.41	-0.00501	±2.5	PASS
					10	-11.04	-0.00587	±2.5	PASS
					20	-5.19	-0.00329	±2.5	PASS
					30	-9.13	-0.00486	±2.5	PASS
40	-7.74				-0.00412	±2.5	PASS		
50	-9.10		-0.00484	±2.5	PASS				
HCH	VN	-30	-5.85	-0.00307	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		3			10	-3.99	-0.00216	±2.5	PASS
					20	-2.66	-0.00144	±2.5	PASS
					30	-10.50	-0.00567	±2.5	PASS
					40	-9.64	-0.00521	±2.5	PASS
					50	-8.30	-0.00448	±2.5	PASS
			MCH	VN	-30	-5.97	-0.00318	±2.5	PASS
					-20	-4.23	-0.00225	±2.5	PASS
					-10	-15.05	-0.00801	±2.5	PASS
					0	-9.00	-0.00479	±2.5	PASS
					10	-7.45	-0.00396	±2.5	PASS
					20	-3.18	-0.00222	±2.5	PASS
					30	-5.06	-0.00269	±2.5	PASS
					40	-8.91	-0.00474	±2.5	PASS
					50	-11.12	-0.00591	±2.5	PASS
					HCH	VN	-30	-14.38	-0.00753
			-20	-6.18			-0.00376	±2.5	PASS
			-10	-9.01			-0.00472	±2.5	PASS
			0	-11.79			-0.00618	±2.5	PASS
			10	-16.21			-0.00849	±2.5	PASS
			20	2.00			0.00105	±2.5	PASS
			30	-2.22			-0.00116	±2.5	PASS
			40	-7.75			-0.00406	±2.5	PASS
			LCH	VN	50	-9.44	-0.00494	±2.5	PASS
					-30	-13.26	-0.00716	±2.5	PASS
					-20	-0.13	-0.00007	±2.5	PASS
					-10	-11.87	-0.00641	±2.5	PASS
					0	-4.28	-0.00231	±2.5	PASS
					10	-7.22	-0.0039	±2.5	PASS
					20	-12.75	-0.00689	±2.5	PASS
					30	-12.15	-0.0071	±2.5	PASS
					40	-0.51	-0.00028	±2.5	PASS
					50	-14.79	-0.00799	±2.5	PASS
			MCH	VN	-30	-7.30	-0.00388	±2.5	PASS
					-20	-4.52	-0.0024	±2.5	PASS
					-10	-5.72	-0.00304	±2.5	PASS
					0	-6.52	-0.00347	±2.5	PASS
10	-4.75	-0.00253			±2.5	PASS			
20	-0.27	-0.00014			±2.5	PASS			
30	-10.93	-0.00581			±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
			HCH	VN	40	-8.74	-0.00465	±2.5	PASS
					50	-2.13	-0.00166	±2.5	PASS
					-30	-1.75	-0.00092	±2.5	PASS
					-20	-13.20	-0.00692	±2.5	PASS
					-10	-12.12	-0.00687	±2.5	PASS
					0	-6.11	-0.00373	±2.5	PASS
					10	-2.10	-0.0011	±2.5	PASS
					20	2.10	0.00162	±2.5	PASS
					30	-4.35	-0.00228	±2.5	PASS
					40	-14.31	-0.0075	±2.5	PASS
		50	-10.09	-0.00529	±2.5	PASS			
		5	LCH	VN	-30	-3.26	-0.00176	±2.5	PASS
					-20	-0.99	-0.00053	±2.5	PASS
					-10	-3.99	-0.00215	±2.5	PASS
					0	-0.54	-0.00029	±2.5	PASS
					10	1.04	0.00056	±2.5	PASS
					20	-1.52	-0.00082	±2.5	PASS
					30	-3.12	-0.00222	±2.5	PASS
					40	-2.88	-0.00155	±2.5	PASS
					50	-2.99	-0.00161	±2.5	PASS
					5	MCH	VN	-30	-6.67
		-20	-6.51	-0.00346				±2.5	PASS
		-10	-4.68	-0.00249				±2.5	PASS
		0	-4.39	-0.00234				±2.5	PASS
		10	-4.65	-0.00247				±2.5	PASS
		20	-6.61	-0.00352				±2.5	PASS
		30	-2.07	-0.0011				±2.5	PASS
		40	-3.18	-0.00222				±2.5	PASS
		50	-1.67	-0.00089				±2.5	PASS
		5	HCH	VN				-30	-5.97
					-20	0.10	0.00005	±2.5	PASS
					-10	-9.63	-0.00505	±2.5	PASS
					0	-6.24	-0.00327	±2.5	PASS
					10	-0.46	-0.00024	±2.5	PASS
					20	-0.10	-0.00005	±2.5	PASS
					30	-3.29	-0.00172	±2.5	PASS
					40	0.17	0.00009	±2.5	PASS
					50	-0.20	-0.0001	±2.5	PASS
					10	LCH	VN	-30	-6.51



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					10	-7.00	-0.00372	±2.5	PASS
					20	-6.57	-0.00349	±2.5	PASS
					30	-3.43	-0.00182	±2.5	PASS
					40	-3.13	-0.0022	±2.5	PASS
					50	-2.99	-0.00159	±2.5	PASS
			HCH	VN	-30	-9.88	-0.00519	±2.5	PASS
					-20	-6.10	-0.00373	±2.5	PASS
					-10	-9.31	-0.00489	±2.5	PASS
					0	-9.68	-0.00509	±2.5	PASS
					10	-6.27	-0.0033	±2.5	PASS
					20	-7.98	-0.00419	±2.5	PASS
					30	-4.11	-0.00269	±2.5	PASS
					40	-9.90	-0.0052	±2.5	PASS
					50	-6.68	-0.00351	±2.5	PASS
		LCH	VN	-30	-3.23	-0.00174	±2.5	PASS	
				-20	-3.28	-0.00176	±2.5	PASS	
				-10	-4.31	-0.00232	±2.5	PASS	
				0	-2.89	-0.00155	±2.5	PASS	
				10	-1.72	-0.00092	±2.5	PASS	
				20	0.80	0.00043	±2.5	PASS	
				30	-0.79	-0.00042	±2.5	PASS	
				40	-1.75	-0.00094	±2.5	PASS	
		MCH	VN	50	-1.49	-0.0008	±2.5	PASS	
				-30	-8.64	-0.0046	±2.5	PASS	
				-20	-7.72	-0.00411	±2.5	PASS	
				-10	-11.86	-0.00631	±2.5	PASS	
				0	-6.27	-0.00334	±2.5	PASS	
				10	-5.76	-0.00306	±2.5	PASS	
				20	-9.76	-0.00519	±2.5	PASS	
				30	-6.12	-0.00379	±2.5	PASS	
		HCH	VN	40	-11.57	-0.00615	±2.5	PASS	
				50	-11.69	-0.00622	±2.5	PASS	
				-30	-0.83	-0.00044	±2.5	PASS	
				-20	-9.51	-0.00501	±2.5	PASS	
				-10	0.20	0.00011	±2.5	PASS	
				0	-11.54	-0.00607	±2.5	PASS	
				10	-0.59	-0.00031	±2.5	PASS	
		20	-2.42	-0.00127	±2.5	PASS			
		30	-5.12	-0.00322	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	1.32	0.00069	±2.5	PASS
					50	-12.80	-0.00674	±2.5	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	1.5	0.00088	PASS
					-20	2.09	0.00122	PASS
					-10	1.36	0.00079	PASS
					0	-0.92	-0.00054	PASS
					10	1.03	0.0006	PASS
					20	-1	-0.00058	PASS
					30	0.46	0.00027	PASS
					40	0.41	0.00024	PASS
					50	0.51	0.0003	PASS
			MCH	VN	-30	-2.83	-0.00163	PASS
					-20	0.17	0.0001	PASS
					-10	-1.33	-0.00077	PASS
					0	-1.19	-0.00069	PASS
					10	-0.19	-0.00011	PASS
					20	-0.56	-0.00032	PASS
					30	-0.23	-0.00013	PASS
					40	0.09	0.00005	PASS
					50	-0.29	-0.00017	PASS
		HCH	VN	-30	-3.05	-0.00174	PASS	
				-20	-5.34	-0.00304	PASS	
				-10	-3.32	-0.00189	PASS	
				0	-4.69	-0.00267	PASS	
				10	-4.73	-0.0027	PASS	
				20	-2.69	-0.00153	PASS	
				30	-4.96	-0.00283	PASS	
				40	-4.86	-0.00277	PASS	
				50	-6.27	-0.00357	PASS	
		3	LCH	VN	-30	-0.69	-0.0004	PASS
					-20	5.79	0.00338	PASS
					-10	-1.03	-0.0006	PASS
0	5.87				0.00343	PASS		
10	4.12				0.00241	PASS		
20	4.81				0.00281	PASS		
30	5.64				0.0033	PASS		
40	12.75				0.00745	PASS		
50	1.29				0.00075	PASS		
MCH	VN		-30	-5.06	-0.00292	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict					
					-20	-9.46	-0.00546	PASS					
					-10	-9.43	-0.00544	PASS					
					0	1	0.00058	PASS					
					10	-10.23	-0.0059	PASS					
					20	-8.68	-0.00501	PASS					
					30	0.5	0.00029	PASS					
					40	-6.08	-0.00351	PASS					
					50	-6.17	-0.00356	PASS					
					HCH	VN				-30	-2.95	-0.00168	PASS
										-20	-6.92	-0.00395	PASS
										-10	-3.71	-0.00212	PASS
										0	-0.54	-0.00031	PASS
										10	-0.51	-0.00029	PASS
										20	1.95	0.00111	PASS
		30	-2.52	-0.00144						PASS			
		40	-1.6	-0.00091						PASS			
		50	6.55	0.00374	PASS								
		LCH	VN					-30	5.09	0.00297	PASS		
								-20	-1.76	-0.00103	PASS		
								-10	-0.97	-0.00057	PASS		
								0	3.89	0.00227	PASS		
								10	1.19	0.00069	PASS		
							20	-1.33	-0.00078	PASS			
							30	-1.54	-0.0009	PASS			
							40	2.68	0.00156	PASS			
		50	2.62		0.00153	PASS							
		MCH	VN					-30	-2.72	-0.00157	PASS		
								-20	0.06	0.00003	PASS		
								-10	-3.75	-0.00216	PASS		
								0	-2.17	-0.00125	PASS		
								10	-0.8	-0.00046	PASS		
				20				3.32	0.00192	PASS			
				30				0.6	0.00035	PASS			
				40				0.79	0.00046	PASS			
		50	3.68	0.00212		PASS							
		HCH	VN					-30	-2.45	-0.0014	PASS		
								-20	-6.79	-0.00387	PASS		
								-10	-5.42	-0.00309	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-2.47	-0.00141	PASS		
					10	-1.73	-0.00099	PASS		
					20	-14.13	-0.00806	PASS		
					30	-2.32	-0.00132	PASS		
					40	-4.63	-0.00264	PASS		
					50	-13.2	-0.00753	PASS		
		10	LCH	VN	-30	-11.23	-0.00655	PASS		
					-20	-6.19	-0.00361	PASS		
					-10	-9.86	-0.00575	PASS		
					0	-12.52	-0.0073	PASS		
					10	-14.39	-0.00839	PASS		
					20	-15.46	-0.00901	PASS		
					30	-12.92	-0.00753	PASS		
					40	-10.13	-0.00591	PASS		
					50	-11.32	-0.0066	PASS		
					MCH	VN	-30	-1.1	-0.00063	PASS
							-20	-1.43	-0.00083	PASS
							-10	-2.36	-0.00136	PASS
			0	-1.67			-0.00096	PASS		
			10	0.13			0.00008	PASS		
			20	-1.22			-0.0007	PASS		
			30	-1.3			-0.00075	PASS		
			40	-3.6			-0.00208	PASS		
			HCH	VN	-30	2.32	0.00133	PASS		
					-20	2.62	0.0015	PASS		
					-10	1.54	0.00088	PASS		
					0	2.6	0.00149	PASS		
					10	0.74	0.00042	PASS		
					20	1.92	0.0011	PASS		
					30	3.02	0.00173	PASS		
		40			2.83	0.00162	PASS			
		15	LCH	VN	50	0.44	0.00025	PASS		
					-30	0.04	0.00002	PASS		
					-20	0.92	0.00054	PASS		
					-10	0.76	0.00044	PASS		
					0	1.09	0.00063	PASS		
					10	0.26	0.00015	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-0.82	-0.00048	PASS
					30	-0.19	-0.00011	PASS
					40	0.59	0.00034	PASS
					50	-0.24	-0.00014	PASS
			MCH	VN	-30	1.29	0.00074	PASS
					-20	-0.96	-0.00055	PASS
					-10	1.54	0.00089	PASS
					0	-0.84	-0.00048	PASS
					10	0.99	0.00057	PASS
					20	-2.16	-0.00125	PASS
					30	0.29	0.00017	PASS
					40	0.92	0.00053	PASS
			HCH	VN	50	-0.07	-0.00004	PASS
					-30	0.92	0.00053	PASS
					-20	0.7	0.0004	PASS
					-10	-1	-0.00057	PASS
					0	-0.79	-0.00045	PASS
					10	-0.39	-0.00022	PASS
		20			-2.42	-0.00138	PASS	
		30			-1.57	-0.0009	PASS	
		20	LCH	VN	40	0.03	0.00002	PASS
					50	-1.65	-0.00094	PASS
					-30	1.93	0.00112	PASS
					-20	5.21	0.00303	PASS
					-10	0.8	0.00047	PASS
					0	2.99	0.00174	PASS
					10	3.25	0.00189	PASS
					20	2.4	0.0014	PASS
					30	3.63	0.00211	PASS
			MCH	VN	40	4.48	0.0026	PASS
					50	3.19	0.00185	PASS
					-30	1.9	0.0011	PASS
					-20	1.97	0.00114	PASS
					-10	0.09	0.00005	PASS
					0	0.57	0.00033	PASS
					10	4.02	0.00232	PASS
20	1.46				0.00084	PASS		
30	1.03				0.00059	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.6	0.00035	PASS
					50	-0.01	-0.00001	PASS
			HCH	VN	-30	-2.96	-0.0017	PASS
					-20	1.82	0.00104	PASS
					-10	-1.62	-0.00093	PASS
					0	-0.87	-0.0005	PASS
					10	-0.44	-0.00025	PASS
					20	-0.26	-0.00015	PASS
					30	-0.6	-0.00034	PASS
					40	-0.66	-0.00038	PASS
					50	0.96	0.00055	PASS
					LCH	VN	-30	2.66
			-20	2.3			0.00134	PASS
			-10	2.02			0.00118	PASS
			0	2.2			0.00129	PASS
			10	2.85			0.00167	PASS
	20	2.02	0.00118	PASS				
	30	2.1	0.00123	PASS				
	40	2	0.00117	PASS				
	MCH	VN	-30	1.03	0.00059	PASS		
			-20	0.6	0.00035	PASS		
			-10	1.44	0.00083	PASS		
			0	1.22	0.0007	PASS		
			10	1.16	0.00067	PASS		
			20	0.76	0.00044	PASS		
			30	-0.1	-0.00006	PASS		
			40	1.7	0.00098	PASS		
	HCH	VN	-30	-2	-0.00114	PASS		
			-20	-2.92	-0.00166	PASS		
			-10	-2.29	-0.00131	PASS		
			0	-0.97	-0.00055	PASS		
			10	-1.24	-0.00071	PASS		
20			-1.86	-0.00106	PASS			
30			-2.49	-0.00142	PASS			
40			-1.53	-0.00087	PASS			
50	-1.83	-0.00104	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		3	LCH	VN	-30	5.18	0.00303	PASS	
					-20	-5.66	-0.00331	PASS	
					-10	4.75	0.00278	PASS	
					0	11.79	0.00689	PASS	
					10	2.47	0.00144	PASS	
					20	5.34	0.00312	PASS	
					30	2.45	0.00143	PASS	
					40	5.41	0.00316	PASS	
					50	-4.61	-0.00269	PASS	
			MCH	VN	-30	-6.11	-0.00353	PASS	
					-20	-8.8	-0.00508	PASS	
					-10	-6.49	-0.00375	PASS	
					0	-6.65	-0.00384	PASS	
					10	-3.76	-0.00217	PASS	
					20	-6.68	-0.00386	PASS	
					30	-6.38	-0.00368	PASS	
					40	-0.9	-0.00052	PASS	
					50	-8.14	-0.0047	PASS	
			HCH	VN	-30	3.12	0.00178	PASS	
					-20	1.3	0.00074	PASS	
					-10	-2.3	-0.00131	PASS	
					0	-1.76	-0.001	PASS	
					10	-3.13	-0.00179	PASS	
					20	-0.04	-0.00002	PASS	
					30	7.42	0.00423	PASS	
					40	-0.16	-0.00009	PASS	
					50	-1.89	-0.00108	PASS	
		5		LCH	VN	-30	1.99	0.00116	PASS
						-20	3.43	0.002	PASS
						-10	-1.62	-0.00095	PASS
						0	0.79	0.00046	PASS
						10	-2.2	-0.00128	PASS
						20	2.25	0.00131	PASS
						30	-0.77	-0.00045	PASS
						40	3.3	0.00193	PASS
						50	7.27	0.00425	PASS
				MCH	VN	-30	-3.33	-0.00192	PASS
						-20	-2.55	-0.00147	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-3.91	-0.00226	PASS
					0	1.23	0.00071	PASS
					10	-2.93	-0.00169	PASS
					20	-4.03	-0.00233	PASS
					30	-4.96	-0.00286	PASS
					40	-4.05	-0.00234	PASS
					50	0.11	0.00006	PASS
			HCH	VN	-30	-1.8	-0.00103	PASS
					-20	-6.01	-0.00343	PASS
					-10	-7.72	-0.00441	PASS
					0	-1.76	-0.001	PASS
					10	-3.62	-0.00207	PASS
					20	-7	-0.00399	PASS
					30	-8.38	-0.00478	PASS
		10	LCH	VN	-30	-9.28	-0.00541	PASS
					-20	-13.69	-0.00798	PASS
					-10	-8.74	-0.0051	PASS
					0	-9.78	-0.0057	PASS
					10	-14.1	-0.00822	PASS
					20	-9.1	-0.00531	PASS
					30	-14.39	-0.00839	PASS
					40	-12.27	-0.00715	PASS
			MCH	VN	-30	2.62	0.00151	PASS
					-20	-2.53	-0.00146	PASS
					-10	4.98	0.00287	PASS
					0	0.86	0.0005	PASS
					10	3.33	0.00192	PASS
					20	-1.56	-0.0009	PASS
					30	2.7	0.00156	PASS
					40	1.43	0.00083	PASS
		HCH	VN	-30	0.63	0.00036	PASS	
				-20	1.44	0.00082	PASS	
				-10	0.82	0.00047	PASS	
				0	3.38	0.00193	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.82	0.00047	PASS
					20	2.19	0.00125	PASS
					30	1.97	0.00113	PASS
					40	2.53	0.00145	PASS
					50	3.32	0.0019	PASS
		15	LCH	VN	-30	-0.01	-0.00001	PASS
					-20	-0.77	-0.00045	PASS
					-10	-2.09	-0.00122	PASS
					0	-1.82	-0.00106	PASS
					10	-0.86	-0.0005	PASS
					20	0.34	0.0002	PASS
					30	-0.17	-0.0001	PASS
					40	-0.93	-0.00054	PASS
					50	1.7	0.00099	PASS
					MCH	VN	-30	-0.73
			-20	1.13			0.00065	PASS
			-10	2.57			0.00148	PASS
			0	-0.6			-0.00035	PASS
			10	1.53			0.00088	PASS
			20	0.93			0.00054	PASS
			30	3.81			0.0022	PASS
			40	0.1			0.00006	PASS
			HCH	VN	-30	-3.16	-0.00181	PASS
					-20	1.14	0.00065	PASS
					-10	-0.11	-0.00006	PASS
					0	0.66	0.00038	PASS
					10	-1.52	-0.00087	PASS
					20	-0.27	-0.00015	PASS
		30			-1.33	-0.00076	PASS	
		20	LCH	VN	-30	1.43	0.00083	PASS
					-20	1.85	0.00108	PASS
					-10	3.86	0.00224	PASS
					0	4.92	0.00286	PASS
10	4.86				0.00283	PASS		
20	1.5				0.00087	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	3.55	0.00206	PASS			
					40	1.95	0.00113	PASS			
					50	1.73	0.00101	PASS			
			MCH	VN	-30	0.99	0.00057	PASS			
					-20	3.86	0.00223	PASS			
					-10	0.87	0.0005	PASS			
					0	0.94	0.00054	PASS			
					10	3.1	0.00179	PASS			
					20	-1.24	-0.00072	PASS			
					30	0.34	0.0002	PASS			
					40	0.46	0.00027	PASS			
					50	0.93	0.00054	PASS			
					HCH	VN	-30	-0.94	-0.00054	PASS	
							-20	0.41	0.00023	PASS	
			-10	-1.86			-0.00107	PASS			
			0	0.62			0.00036	PASS			
			10	-0.16			-0.00009	PASS			
			20	0.17			0.0001	PASS			
			30	-1.73			-0.00099	PASS			
			40	-0.57			-0.00033	PASS			
			BAND5	LTE/TM1	1.4	LCH	VN	-30	-1.89	-0.00229	PASS
								-20	-1.86	-0.00226	PASS
								-10	-1.92	-0.00233	PASS
								0	-1.99	-0.00241	PASS
10	-1.07	-0.0013						PASS			
20	-1.46	-0.00177						PASS			
30	-1.42	-0.00172						PASS			
40	-1.6	-0.00194						PASS			
50	-1.34	-0.00162						PASS			
MCH	VN	-30						-0.83	-0.00099	PASS	
		-20						-1.4	-0.00167	PASS	
		-10				-0.31	-0.00037	PASS			
		0				-0.27	-0.00032	PASS			
		10				0.3	0.00036	PASS			
		20				-0.44	-0.00053	PASS			
		30				-1.5	-0.00179	PASS			
		40				-0.73	-0.00087	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
			HCH	VN	50	-1.67	-0.002	PASS	
					-30	-0.5	-0.00059	PASS	
					-20	0.33	0.00039	PASS	
					-10	-0.34	-0.0004	PASS	
					0	-1.3	-0.00153	PASS	
					10	0.14	0.00017	PASS	
					20	-0.92	-0.00108	PASS	
					30	-0.11	-0.00013	PASS	
					40	-0.87	-0.00103	PASS	
					50	-0.13	-0.00015	PASS	
			3	LCH	VN	-30	1.22	0.00148	PASS
						-20	1.24	0.0015	PASS
						-10	-0.44	-0.00053	PASS
						0	-5.55	-0.00672	PASS
						10	1.17	0.00142	PASS
						20	-1.97	-0.00239	PASS
						30	-0.5	-0.00061	PASS
						40	-0.66	-0.0008	PASS
						50	-1.44	-0.00174	PASS
				MCH	VN	-30	3.36	0.00402	PASS
						-20	2.27	0.00271	PASS
						-10	-3.49	-0.00417	PASS
						0	1.39	0.00166	PASS
						10	-0.47	-0.00056	PASS
						20	3.43	0.0041	PASS
						30	2.47	0.00295	PASS
						40	-2.6	-0.00311	PASS
						50	-0.97	-0.00116	PASS
		HCH	VN	-30	-1.2	-0.00142	PASS		
				-20	-0.84	-0.00099	PASS		
				-10	-2.47	-0.00291	PASS		
				0	0.36	0.00042	PASS		
				10	-0.89	-0.00105	PASS		
				20	2.22	0.00262	PASS		
				30	-7.55	-0.00891	PASS		
				40	-1.8	-0.00212	PASS		
		50	0.47	0.00055	PASS				
		5	LCH	VN	-30	-1.87	-0.00226	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-4.03	-0.00488	PASS
					-10	-4.03	-0.00488	PASS
					0	-1.36	-0.00165	PASS
					10	-3.08	-0.00373	PASS
					20	-0.41	-0.0005	PASS
					30	-1.67	-0.00202	PASS
					40	-0.69	-0.00083	PASS
					50	-1.24	-0.0015	PASS
			MCH	VN	-30	-0.39	-0.00047	PASS
					-20	-2.02	-0.00241	PASS
					-10	1.82	0.00218	PASS
					0	1.07	0.00128	PASS
					10	0.34	0.00041	PASS
					20	0.16	0.00019	PASS
					30	0.6	0.00072	PASS
					40	-0.76	-0.00091	PASS
			HCH	VN	-30	2.05	0.00242	PASS
					-20	-1.65	-0.00195	PASS
					-10	0.49	0.00058	PASS
					0	-0.8	-0.00095	PASS
					10	-1.6	-0.00189	PASS
		20			-1.93	-0.00228	PASS	
		30			3.28	0.00387	PASS	
		40			-1.1	-0.0013	PASS	
		10	LCH	VN	-30	-0.19	-0.00023	PASS
					-20	-0.1	-0.00012	PASS
					-10	-3.98	-0.0048	PASS
					0	1.06	0.00128	PASS
					10	-0.63	-0.00076	PASS
					20	-1.17	-0.00141	PASS
					30	-1.03	-0.00124	PASS
					40	0.59	0.00071	PASS
					50	-1.4	-0.00169	PASS
			MCH	VN	-30	2.85	0.00341	PASS
					-20	1.23	0.00147	PASS
		-10			-0.3	-0.00036	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					0	-1.6	-0.00191	PASS	
					10	2.2	0.00263	PASS	
					20	1.56	0.00186	PASS	
					30	0.74	0.00088	PASS	
					40	1.04	0.00124	PASS	
					50	0.57	0.00068	PASS	
			HCH	VN	-30	3.46	0.0041	PASS	
					-20	2.1	0.00249	PASS	
					-10	1.72	0.00204	PASS	
					0	2.27	0.00269	PASS	
					10	3.82	0.00453	PASS	
					20	3.23	0.00383	PASS	
					30	2.36	0.0028	PASS	
					40	1.79	0.00212	PASS	
					50	0.6	0.00071	PASS	
				LCH	VN	-30	-2.6	-0.00315	PASS
						-20	-1.54	-0.00187	PASS
						-10	-1.16	-0.00141	PASS
						0	-2.07	-0.00251	PASS
						10	-1.59	-0.00193	PASS
						20	-2.12	-0.00257	PASS
						30	-2.86	-0.00347	PASS
						40	-0.86	-0.00104	PASS
						50	-1.77	-0.00215	PASS
				MCH	VN	-30	-1.04	-0.00124	PASS
						-20	-1.04	-0.00124	PASS
						-10	-1.04	-0.00124	PASS
						0	-0.04	-0.00005	PASS
						10	-0.46	-0.00055	PASS
						20	-0.47	-0.00056	PASS
	HCH	VN	30	-1.52	-0.00182	PASS			
			40	-1.22	-0.00146	PASS			
			50	-0.3	-0.00036	PASS			
			-30	-0.64	-0.00075	PASS			
			-20	-0.6	-0.00071	PASS			
-10			-0.03	-0.00004	PASS				
0			-0.63	-0.00074	PASS				
10	-0.62	-0.00073	PASS						



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-0.87	-0.00103	PASS		
					30	-1.17	-0.00138	PASS		
					40	-0.39	-0.00046	PASS		
					50	-2.12	-0.00257	PASS		
		3	LCH	VN	-30	2.83	0.00343	PASS		
					-20	-5.95	-0.00721	PASS		
					-10	0.27	0.00033	PASS		
					0	4.36	0.00528	PASS		
					10	1.63	0.00197	PASS		
					20	-2.55	-0.00309	PASS		
					30	-3.02	-0.00366	PASS		
					40	-3.36	-0.00407	PASS		
					50	-0.24	-0.00029	PASS		
					MCH	VN	-30	0.01	0.00001	PASS
							-20	3.45	0.00412	PASS
							-10	-2.78	-0.00332	PASS
							0	-4.61	-0.00551	PASS
							10	-0.03	-0.00004	PASS
							20	-0.83	-0.00099	PASS
		30	0.84	0.001			PASS			
		HCH	VN	-30	0.13	0.00015	PASS			
				-20	-0.49	-0.00058	PASS			
				-10	-3.58	-0.00422	PASS			
				0	-0.07	-0.00008	PASS			
				10	-1.75	-0.00206	PASS			
				20	1.09	0.00129	PASS			
				30	-0.87	-0.00103	PASS			
		5	LCH	VN	-30	-0.56	-0.00068	PASS		
					-20	-0.49	-0.00059	PASS		
					-10	-1.27	-0.00154	PASS		
					0	-3.95	-0.00478	PASS		
					10	-1.34	-0.00162	PASS		
					20	-0.33	-0.0004	PASS		
30	2.6				0.00315	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.87	0.00105	PASS
					50	-1.83	-0.00221	PASS
			MCH	VN	-30	2.06	0.00246	PASS
					-20	1.72	0.00206	PASS
					-10	-1.96	-0.00234	PASS
					0	-1.5	-0.00179	PASS
					10	-0.67	-0.0008	PASS
					20	1.19	0.00142	PASS
					30	2.3	0.00275	PASS
					40	0.34	0.00041	PASS
			50	1.04	0.00124	PASS		
			HCH	VN	-30	0.67	0.00079	PASS
					-20	0.7	0.00083	PASS
					-10	-2.22	-0.00262	PASS
					0	-1.36	-0.00161	PASS
					10	1.96	0.00232	PASS
		20			-1.47	-0.00174	PASS	
		30			0.29	0.00034	PASS	
		40			0.93	0.0011	PASS	
		50	0.43	0.00051	PASS			
		10	LCH	VN	-30	0.4	0.00048	PASS
					-20	-1.03	-0.00124	PASS
					-10	-1.37	-0.00165	PASS
					0	-2.96	-0.00357	PASS
					10	-1	-0.00121	PASS
					20	-3.06	-0.00369	PASS
					30	-1.79	-0.00216	PASS
					40	-0.73	-0.00088	PASS
			50	-1.33	-0.0016	PASS		
			MCH	VN	-30	1.83	0.00219	PASS
					-20	-2.37	-0.00283	PASS
					-10	2.29	0.00274	PASS
0	-1.83				-0.00219	PASS		
10	0.27				0.00032	PASS		
20	-0.51				-0.00061	PASS		
30	-0.36				-0.00043	PASS		
40	0.7	0.00084			PASS			
50	-0.26	-0.00031	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	0.16	0.00019	PASS
					-20	2.4	0.00284	PASS
					-10	0.43	0.00051	PASS
					0	-1.39	-0.00165	PASS
					10	2.83	0.00335	PASS
					20	-0.34	-0.0004	PASS
					30	-1.04	-0.00123	PASS
					40	-0.77	-0.00091	PASS
					50	-0.63	-0.00075	PASS
BAND12	LTE/TM1	1.4	LCH	VN	-30	1.73	0.00247	PASS
					-20	0.73	0.00104	PASS
					-10	3.6	0.00515	PASS
					0	1.65	0.00236	PASS
					10	1.19	0.0017	PASS
					20	2.09	0.00299	PASS
					30	0.37	0.00053	PASS
					40	4.58	0.00655	PASS
					50	1.07	0.00153	PASS
			MCH	VN	-30	-0.54	-0.00076	PASS
					-20	0.79	0.00112	PASS
					-10	0.13	0.00018	PASS
					0	1.29	0.00182	PASS
					10	-0.46	-0.00065	PASS
					20	0.94	0.00133	PASS
					30	1.44	0.00204	PASS
					40	-0.94	-0.00133	PASS
					50	-0.33	-0.00047	PASS
		HCH	VN	-30	-0.29	-0.00041	PASS	
				-20	0.07	0.0001	PASS	
				-10	-1.22	-0.00171	PASS	
				0	0.51	0.00071	PASS	
				10	-1.3	-0.00182	PASS	
				20	-0.21	-0.00029	PASS	
				30	-0.66	-0.00092	PASS	
				40	-0.47	-0.00066	PASS	
				50	-0.76	-0.00106	PASS	
		3	LCH	VN	-30	29.75	0.04247	PASS
					-20	27.21	0.03884	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	29.43	0.04201	PASS		
					0	28.34	0.04046	PASS		
					10	27.32	0.039	PASS		
					20	28.64	0.04089	PASS		
					30	27.95	0.0399	PASS		
					40	28.97	0.04136	PASS		
					50	27.92	0.03986	PASS		
			MCH	VN	-30	-0.43	-0.00061	PASS		
					-20	-1.57	-0.00222	PASS		
					-10	0.94	0.00133	PASS		
					0	0.01	0.00001	PASS		
					10	-0.4	-0.00057	PASS		
					20	0.26	0.00037	PASS		
					30	-1.34	-0.00189	PASS		
			HCH	VN	40	-0.96	-0.00136	PASS		
					50	-0.03	-0.00004	PASS		
					-30	-1.37	-0.00192	PASS		
					-20	-0.59	-0.00083	PASS		
					-10	-0.07	-0.0001	PASS		
					0	-1.14	-0.0016	PASS		
					10	-0.43	-0.0006	PASS		
		5	LCH	VN	20	0.36	0.0005	PASS		
					30	-1.34	-0.00188	PASS		
					40	-0.06	-0.00008	PASS		
					50	0.72	0.00101	PASS		
					-30	1.13	0.00161	PASS		
					-20	0.33	0.00047	PASS		
					-10	-0.29	-0.00041	PASS		
					0	0.8	0.00114	PASS		
					10	-0.49	-0.0007	PASS		
		MCH	VN	20	0.89	0.00127	PASS			
				30	0.41	0.00058	PASS			
				40	0.36	0.00051	PASS			
				50	-0.43	-0.00061	PASS			
							-30	-1.2	-0.0017	PASS
							-20	-0.82	-0.00116	PASS
-10	-1.89						-0.00267	PASS		
0	-0.5						-0.00071	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-1.62	-0.00229	PASS		
					20	-0.96	-0.00136	PASS		
					30	-0.53	-0.00075	PASS		
					40	0.44	0.00062	PASS		
					50	-1.54	-0.00218	PASS		
			HCH	VN	-30	-1.5	-0.0021	PASS		
					-20	-1.04	-0.00146	PASS		
					-10	-0.19	-0.00027	PASS		
					0	-1.39	-0.00195	PASS		
					10	-0.23	-0.00032	PASS		
					20	-0.62	-0.00087	PASS		
					30	-1.1	-0.00154	PASS		
					40	-0.99	-0.00139	PASS		
					50	-1.14	-0.0016	PASS		
					LCH	VN	-30	-2.36	-0.00335	PASS
			-20	-0.72			-0.00102	PASS		
			-10	-2.32			-0.0033	PASS		
			0	-2.99			-0.00425	PASS		
			10	-2.86			-0.00406	PASS		
			20	-3.23			-0.00459	PASS		
		30	-2.07	-0.00294			PASS			
		40	-2.52	-0.00358			PASS			
		MCH	VN	50	-2.29	-0.00325	PASS			
				-30	-1.65	-0.00233	PASS			
				-20	-1.37	-0.00194	PASS			
				-10	-1.43	-0.00202	PASS			
				0	-1.2	-0.0017	PASS			
				10	-1.49	-0.00211	PASS			
				20	-1.77	-0.0025	PASS			
				30	-2.43	-0.00343	PASS			
				40	-1.14	-0.00161	PASS			
				50	-0.86	-0.00122	PASS			
		HCH	VN	-30	-3.99	-0.00561	PASS			
				-20	-2.75	-0.00387	PASS			
				-10	-2.19	-0.00308	PASS			
				0	-2.98	-0.00419	PASS			
				10	-2.25	-0.00316	PASS			
				20	-2.45	-0.00345	PASS			
		10								



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM2	1.4	LCH	VN	30	-2.86	-0.00402	PASS
					40	-2.72	-0.00383	PASS
					50	-2.32	-0.00326	PASS
					-30	3.98	0.00569	PASS
					-20	0.31	0.00044	PASS
					-10	0.39	0.00056	PASS
			0	4.11	0.00587	PASS		
			10	1.07	0.00153	PASS		
			20	2.13	0.00304	PASS		
			30	3.55	0.00507	PASS		
			40	-0.54	-0.00077	PASS		
			50	2	0.00286	PASS		
			MCH	VN	-30	-2.56	-0.00362	PASS
					-20	-1.8	-0.00254	PASS
					-10	-0.89	-0.00126	PASS
					0	-0.67	-0.00095	PASS
					10	-2.29	-0.00324	PASS
					20	-3.03	-0.00428	PASS
	HCH	VN	30	-0.9	-0.00127	PASS		
			40	-2.39	-0.00338	PASS		
			50	-1.79	-0.00253	PASS		
			-30	-0.51	-0.00071	PASS		
			-20	0.39	0.00055	PASS		
			-10	-3.16	-0.00442	PASS		
			0	0.04	0.00006	PASS		
			10	-0.9	-0.00126	PASS		
	3	LCH	VN	20	0.56	0.00078	PASS	
				30	-0.53	-0.00074	PASS	
				40	0.69	0.00096	PASS	
				50	-3.12	-0.00436	PASS	
				-30	27.31	0.03899	PASS	
				-20	31.14	0.04445	PASS	
-10				28.42	0.04057	PASS		
0				30.43	0.04344	PASS		
10	24.13	0.03445	PASS					
20	25.33	0.03616	PASS					
30	25.91	0.03699	PASS					
40	26.68	0.03809	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					50	26.26	0.03749	PASS	
			MCH	VN	-30	-0.97	-0.00137	PASS	
					-20	-0.79	-0.00112	PASS	
					-10	-0.53	-0.00075	PASS	
					0	-0.41	-0.00058	PASS	
					10	-0.7	-0.00099	PASS	
					20	-1.46	-0.00206	PASS	
					30	-1.06	-0.0015	PASS	
					40	-0.74	-0.00105	PASS	
					50	-0.27	-0.00038	PASS	
			HCH	VN	-30	-1.57	-0.0022	PASS	
					-20	0.66	0.00092	PASS	
					-10	-1.54	-0.00216	PASS	
					0	-1.33	-0.00186	PASS	
					10	-1.33	-0.00186	PASS	
					20	-0.96	-0.00134	PASS	
					30	-2.68	-0.00375	PASS	
					40	-0.46	-0.00064	PASS	
			50	-0.17	-0.00024	PASS			
		5	LCH	VN	-30	1.2	0.00171	PASS	
						-20	0.39	0.00056	PASS
						-10	-0.3	-0.00043	PASS
						0	-0.04	-0.00006	PASS
						10	0.77	0.0011	PASS
						20	0.66	0.00094	PASS
						30	0.44	0.00063	PASS
						40	-0.19	-0.00027	PASS
						50	0.36	0.00051	PASS
				MCH	VN	-30	-0.56	-0.00079	PASS
						-20	-0.33	-0.00047	PASS
						-10	-0.33	-0.00047	PASS
						0	0.86	0.00122	PASS
						10	-1.47	-0.00208	PASS
						20	-2.79	-0.00394	PASS
						30	-0.7	-0.00099	PASS
						40	-0.23	-0.00033	PASS
				50	-0.34	-0.00048	PASS		
			HCH	VN	-30	-0.49	-0.00069	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.47	-0.00066	PASS		
					-10	-0.5	-0.0007	PASS		
					0	-0.01	-0.00001	PASS		
					10	-0.86	-0.00121	PASS		
					20	-1.3	-0.00182	PASS		
					30	-1.24	-0.00174	PASS		
					40	-1.3	-0.00182	PASS		
					50	-1.14	-0.0016	PASS		
		10	LCH	VN	-30	-4.25	-0.00604	PASS		
					-20	-3.66	-0.0052	PASS		
					-10	-0.67	-0.00095	PASS		
					0	-0.73	-0.00104	PASS		
					10	-2.4	-0.00341	PASS		
					20	-3.73	-0.0053	PASS		
					30	-3.2	-0.00455	PASS		
					40	-2.26	-0.00321	PASS		
					50	-3.12	-0.00443	PASS		
					MCH	VN	-30	0.01	0.00001	PASS
							-20	-0.74	-0.00105	PASS
							-10	0.96	0.00136	PASS
			0	-1.62			-0.00229	PASS		
			10	-0.19			-0.00027	PASS		
			20	-0.94			-0.00133	PASS		
			30	-0.21			-0.0003	PASS		
			40	-0.62			-0.00088	PASS		
			HCH	VN	-30	-2.59	-0.00364	PASS		
					-20	-2.5	-0.00352	PASS		
					-10	-1.03	-0.00145	PASS		
					0	-1.8	-0.00253	PASS		
					10	-1.97	-0.00277	PASS		
20	-2.35				-0.00331	PASS				
30	-2.72				-0.00383	PASS				
40	-3.28	-0.00461			PASS					
50	-3.22	-0.00453	PASS							
BAND17	LTE/TM1	5	LCH	VN	-30	-2.9	-0.0041	PASS		
					-20	-1.5	-0.00212	PASS		
					-10	1.26	0.00178	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					0	-2.92	-0.00413	PASS		
					10	-1.04	-0.00147	PASS		
					20	-3	-0.00425	PASS		
					30	-2.76	-0.00391	PASS		
					40	-2.3	-0.00326	PASS		
					50	-0.4	-0.00057	PASS		
			MCH	VN	-30	-2.45	-0.00345	PASS		
					-20	-4.98	-0.00701	PASS		
					-10	0.77	0.00108	PASS		
					0	1.12	0.00158	PASS		
					10	0.57	0.0008	PASS		
					20	0.34	0.00048	PASS		
					30	-5.06	-0.00713	PASS		
					40	0.51	0.00072	PASS		
			HCH	VN	50	0.87	0.00123	PASS		
					-30	-2.75	-0.00385	PASS		
					-20	0.89	0.00125	PASS		
					-10	-0.11	-0.00015	PASS		
					0	-2.39	-0.00335	PASS		
					10	1.17	0.00164	PASS		
					20	-2.05	-0.00287	PASS		
					30	-2.88	-0.00404	PASS		
			10	LCH	VN	40	1	0.0014	PASS	
						50	-1.06	-0.00149	PASS	
		-30				-3.32	-0.00468	PASS		
		-20				-3.35	-0.00472	PASS		
		-10				-3.59	-0.00506	PASS		
		0				-2.46	-0.00347	PASS		
		10				-2.2	-0.0031	PASS		
		20				-4.02	-0.00567	PASS		
		30				1.73	0.00244	PASS		
		MCH		VN	40	-1.76	-0.00248	PASS		
					50	-2.89	-0.00408	PASS		
					-30	-1.72	-0.00242	PASS		
					-20	-0.62	-0.00087	PASS		
					-10	-1.27	-0.00179	PASS		
					0	-3.63	-0.00511	PASS		
							10	-1.66	-0.00234	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	-3.22	-0.00454	PASS
					30	-2.36	-0.00332	PASS
					40	-3.15	-0.00444	PASS
					50	-2.73	-0.00385	PASS
			HCH	VN	-30	-1.32	-0.00186	PASS
					-20	-3.79	-0.00533	PASS
					-10	-2.99	-0.00421	PASS
					0	-1.4	-0.00197	PASS
					10	-2.49	-0.0035	PASS
					20	-3.13	-0.0044	PASS
					30	-0.84	-0.00118	PASS
					40	-2.78	-0.00391	PASS
					50	-4.62	-0.0065	PASS
					LCH	VN	-30	-0.31
			-20	-1.02			-0.00144	PASS
			-10	-2.47			-0.0035	PASS
			0	-3.46			-0.0049	PASS
			10	-2.45			-0.00347	PASS
	20	-4.18	-0.00592	PASS				
	30	-0.57	-0.00081	PASS				
	40	-2.03	-0.00287	PASS				
	MCH	VN	50	-4.99	-0.00706	PASS		
			-30	0.21	0.0003	PASS		
			-20	-0.77	-0.00108	PASS		
			-10	1.7	0.00239	PASS		
			0	-0.7	-0.00099	PASS		
			10	-2.13	-0.003	PASS		
			20	-2.73	-0.00385	PASS		
			30	3.69	0.0052	PASS		
	HCH	VN	40	2.88	0.00406	PASS		
			50	-1.9	-0.00268	PASS		
			-30	1.57	0.0022	PASS		
			-20	-0.39	-0.00055	PASS		
			-10	0.96	0.00135	PASS		
			0	3.12	0.00437	PASS		
			10	-3.76	-0.00527	PASS		
					20	1.59	0.00223	PASS
					30	-0.14	-0.0002	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-3.08	-0.00432	PASS
					50	0.47	0.00066	PASS
		10	LCH	VN	-30	1.42	0.002	PASS
					-20	0.26	0.00037	PASS
					-10	-0.26	-0.00037	PASS
					0	-0.92	-0.0013	PASS
					10	-0.57	-0.0008	PASS
					20	-1.17	-0.00165	PASS
					30	0.3	0.00042	PASS
					40	-1.3	-0.00183	PASS
					50	-0.49	-0.00069	PASS
					MCH	VN	-30	1.97
		-20	-1.44	-0.00203			PASS	
		-10	1.2	0.00169			PASS	
		0	1.99	0.0028			PASS	
		10	-0.82	-0.00115			PASS	
		20	0.74	0.00104			PASS	
		30	1.09	0.00154			PASS	
		40	0.57	0.0008			PASS	
		HCH	VN	-30	-5.12	-0.0072	PASS	
				-20	-3.59	-0.00505	PASS	
				-10	-2.96	-0.00416	PASS	
				0	-2.02	-0.00284	PASS	
				10	-4.51	-0.00634	PASS	
				20	-1.29	-0.00181	PASS	
				30	-0.21	-0.0003	PASS	
				40	-4.52	-0.00636	PASS	
		50	-2.23	-0.00314	PASS			

END