



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
		15	LCH	TN	VN	-4.56	-0.00239	±2.5	PASS		
					VH	1.37	0.00072	±2.5	PASS		
					VL	-8.78	-0.00473	±2.5	PASS		
			MCH	TN	VN	-8.01	-0.00431	±2.5	PASS		
					VH	-6.97	-0.00375	±2.5	PASS		
					VL	-8.07	-0.00429	±2.5	PASS		
		HCH	TN	VN	-12.39	-0.00659	±2.5	PASS			
				VH	-7.70	-0.0041	±2.5	PASS			
				VL	-3.02	-0.00159	±2.5	PASS			
		20	LCH	TN	VN	-8.60	-0.00452	±2.5	PASS		
					VH	-7.28	-0.00383	±2.5	PASS		
					VL	-3.95	-0.00212	±2.5	PASS		
			MCH	TN	VN	0.77	0.00041	±2.5	PASS		
					VH	-0.84	-0.00045	±2.5	PASS		
					VL	-9.93	-0.00528	±2.5	PASS		
		HCH	TN	VN	-10.26	-0.00546	±2.5	PASS			
				VH	-7.00	-0.00372	±2.5	PASS			
				VL	-3.11	-0.00216	±2.5	PASS			
		LTE/TM2	1.4	LCH	TN	VN	-5.55	-0.00292	±2.5	PASS	
						VH	-7.80	-0.00411	±2.5	PASS	
						VL	1.32	0.00071	±2.5	PASS	
				MCH	TN	VN	1.30	0.0007	±2.5	PASS	
						VH	-4.55	-0.00246	±2.5	PASS	
						VL	-10.20	-0.00543	±2.5	PASS	
	HCH			TN	VN	-8.41	-0.00447	±2.5	PASS		
					VH	-11.29	-0.00601	±2.5	PASS		
					VL	-9.28	-0.00486	±2.5	PASS		
	3			LCH	TN	VN	-4.88	-0.00256	±2.5	PASS	
						VH	-8.41	-0.0044	±2.5	PASS	
						VL	-5.78	-0.00312	±2.5	PASS	
			MCH	TN	VN	-6.67	-0.0036	±2.5	PASS		
					VH	-7.32	-0.00395	±2.5	PASS		
					VL	-6.87	-0.00365	±2.5	PASS		
	HCH		TN	VN	-6.54	-0.00348	±2.5	PASS			
				VH	-9.26	-0.00493	±2.5	PASS			
				VL	-4.53	-0.00237	±2.5	PASS			
	5		LCH	TN	VN	-5.99	-0.00314	±2.5	PASS		
					VH	-9.63	-0.00505	±2.5	PASS		
					VL	-1.87	-0.00101	±2.5	PASS		
							VN	1.12	0.0006	±2.5	PASS



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			MCH	TN	VH	-0.89	-0.00048	±2.5	PASS
					VL	-5.29	-0.00281	±2.5	PASS
					VN	-8.24	-0.00438	±2.5	PASS
			HCH	TN	VH	-8.57	-0.00456	±2.5	PASS
					VL	-2.39	-0.00125	±2.5	PASS
					VN	-4.49	-0.00235	±2.5	PASS
			VH	TN	VH	0.16	0.00008	±2.5	PASS
					VL	-3.36	-0.00181	±2.5	PASS
					VN	-5.68	-0.00306	±2.5	PASS
		10	LCH	TN	VH	-5.15	-0.00332	±2.5	PASS
					VL	-6.31	-0.00336	±2.5	PASS
					VN	-7.78	-0.00414	±2.5	PASS
			MCH	TN	VH	-7.25	-0.00386	±2.5	PASS
					VL	1.42	0.00075	±2.5	PASS
					VN	-1.22	-0.00064	±2.5	PASS
			HCH	TN	VH	-4.48	-0.00235	±2.5	PASS
					VL	-6.35	-0.00342	±2.5	PASS
					VN	-5.17	-0.00332	±2.5	PASS
		15	LCH	TN	VH	-11.62	-0.00626	±2.5	PASS
					VL	-7.88	-0.00419	±2.5	PASS
					VN	-8.77	-0.00466	±2.5	PASS
			MCH	TN	VH	-11.04	-0.00587	±2.5	PASS
					VL	-9.57	-0.00503	±2.5	PASS
					VN	-5.74	-0.00302	±2.5	PASS
			HCH	TN	VH	-7.51	-0.00395	±2.5	PASS
					VL	-1.20	-0.00065	±2.5	PASS
					VN	-3.82	-0.00205	±2.5	PASS
		20	LCH	TN	VH	-1.93	-0.00104	±2.5	PASS
					VL	-9.66	-0.00514	±2.5	PASS
					VN	-4.36	-0.00232	±2.5	PASS
			MCH	TN	VH	-6.10	-0.00378	±2.5	PASS
					VL	-4.65	-0.00245	±2.5	PASS
					VN	-4.86	-0.00256	±2.5	PASS
			HCH	TN	VH	-4.59	-0.00242	±2.5	PASS



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BAND4	LTE/TM1	1.4	LCH	TN	VL	-4.02	-0.00235	±2.5	PASS
					VN	-3.32	-0.00194	±2.5	PASS
					VH	-0.27	-0.00016	±2.5	PASS
			MCH	TN	VL	1.86	0.00107	±2.5	PASS
					VN	0.63	0.00036	±2.5	PASS
					VH	2.45	0.00141	±2.5	PASS
			HCH	TN	VL	-3.00	-0.00171	±2.5	PASS
					VN	-3.73	-0.00213	±2.5	PASS
					VH	-5.38	-0.00307	±2.5	PASS
		3	LCH	TN	VL	-2.50	-0.00146	±2.5	PASS
					VN	-1.17	-0.00068	±2.5	PASS
					VH	-0.96	-0.00056	±2.5	PASS
			MCH	TN	VL	1.72	0.00099	±2.5	PASS
					VN	3.78	0.00218	±2.5	PASS
					VH	1.59	0.00092	±2.5	PASS
			HCH	TN	VL	-6.39	-0.00364	±2.5	PASS
					VN	-6.48	-0.0037	±2.5	PASS
					VH	-6.49	-0.0037	±2.5	PASS
		5	LCH	TN	VL	-5.36	-0.00313	±2.5	PASS
					VN	-5.85	-0.00342	±2.5	PASS
					VH	-7.98	-0.00466	±2.5	PASS
			MCH	TN	VL	0.63	0.00036	±2.5	PASS
					VN	0.46	0.00027	±2.5	PASS
					VH	-0.83	-0.00048	±2.5	PASS
			HCH	TN	VL	-4.21	-0.0024	±2.5	PASS
					VN	-1.93	-0.0011	±2.5	PASS
					VH	-2.69	-0.00153	±2.5	PASS
		10	LCH	TN	VL	-0.62	-0.00036	±2.5	PASS
					VN	0.19	0.00011	±2.5	PASS
					VH	0.77	0.00045	±2.5	PASS
			MCH	TN	VL	0.92	0.00053	±2.5	PASS
					VN	1.63	0.00094	±2.5	PASS
					VH	2.23	0.00129	±2.5	PASS
			HCH	TN	VL	3.43	0.00196	±2.5	PASS
					VN	2.88	0.00165	±2.5	PASS
					VH	3.32	0.0019	±2.5	PASS
		15	LCH	TN	VL	-6.44	-0.00375	±2.5	PASS
					VN	-7.02	-0.00409	±2.5	PASS
					VH	-6.98	-0.00406	±2.5	PASS



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		20	MCH	TN	VL	1.70	0.00098	±2.5	PASS	
					VN	-0.31	-0.00018	±2.5	PASS	
					VH	-0.63	-0.00036	±2.5	PASS	
			HCH	TN	VL	-2.65	-0.00152	±2.5	PASS	
					VN	-1.85	-0.00106	±2.5	PASS	
					VH	-3.22	-0.00184	±2.5	PASS	
			LCH	TN	VL	0.04	0.00002	±2.5	PASS	
					VN	-1.22	-0.00071	±2.5	PASS	
					VH	-0.39	-0.00023	±2.5	PASS	
		MCH	TN	VL	0.40	0.00023	±2.5	PASS		
				VN	-1.72	-0.00099	±2.5	PASS		
				VH	2.30	0.00133	±2.5	PASS		
		HCH	TN	VL	2.12	0.00179	±2.5	PASS		
				VN	3.42	0.00196	±2.5	PASS		
				VH	2.15	0.00123	±2.5	PASS		
		LTE/TM2	1.4	LCH	TN	VL	-6.02	-0.00352	±2.5	PASS
						VN	-5.98	-0.0035	±2.5	PASS
						VH	-7.62	-0.00445	±2.5	PASS
	MCH			TN	VL	-0.96	-0.00055	±2.5	PASS	
					VN	-0.83	-0.00048	±2.5	PASS	
					VH	-0.99	-0.00057	±2.5	PASS	
	HCH			TN	VL	-4.69	-0.00267	±2.5	PASS	
					VN	-4.31	-0.00246	±2.5	PASS	
					VH	-2.66	-0.00152	±2.5	PASS	
	3		LCH	TN	VL	-3.08	-0.0018	±2.5	PASS	
					VN	-2.79	-0.00163	±2.5	PASS	
					VH	-3.92	-0.00229	±2.5	PASS	
			MCH	TN	VL	0.97	0.00056	±2.5	PASS	
					VN	2.19	0.00126	±2.5	PASS	
					VH	2.85	0.00165	±2.5	PASS	
	HCH		TN	VL	-5.15	-0.00351	±2.5	PASS		
				VN	-7.51	-0.00428	±2.5	PASS		
				VH	-5.62	-0.00321	±2.5	PASS		
	5	LCH	TN	VL	-4.43	-0.00259	±2.5	PASS		
				VN	-4.23	-0.00247	±2.5	PASS		
				VH	-4.18	-0.00302	±2.5	PASS		
		MCH	TN	VL	2.26	0.0013	±2.5	PASS		
				VN	1.54	0.00089	±2.5	PASS		
				VH	2.35	0.00136	±2.5	PASS		
	HCH	TN	VL	-2.63	-0.0015	±2.5	PASS			



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		10	LCH	TN	VN	-4.62	-0.00264	±2.5	PASS	
					VH	-2.42	-0.00138	±2.5	PASS	
					VL	0.86	0.0005	±2.5	PASS	
			MCH	TN	VN	0.03	0.00002	±2.5	PASS	
					VH	0.00	0	±2.5	PASS	
					VL	3.33	0.00192	±2.5	PASS	
		TN		VN	4.08	0.00235	±2.5	PASS		
				VH	0.36	0.00021	±2.5	PASS		
				VL	2.13	0.00122	±2.5	PASS		
		HCH	TN	VN	2.00	0.00114	±2.5	PASS		
				VH	2.26	0.00129	±2.5	PASS		
				VL	-7.37	-0.00429	±2.5	PASS		
			15	LCH	TN	VN	-6.21	-0.00362	±2.5	PASS
						VH	-8.05	-0.00469	±2.5	PASS
						VL	2.73	0.00158	±2.5	PASS
		MCH		TN	VN	0.97	0.00056	±2.5	PASS	
					VH	2.63	0.00152	±2.5	PASS	
					VL	-2.09	-0.0012	±2.5	PASS	
		HCH	TN	VN	-2.46	-0.00141	±2.5	PASS		
				VH	-2.35	-0.00134	±2.5	PASS		
				VL	-1.04	-0.0006	±2.5	PASS		
			20	LCH	TN	VN	-0.31	-0.00018	±2.5	PASS
						VH	-1.69	-0.00098	±2.5	PASS
						VL	1.36	0.00078	±2.5	PASS
MCH	TN	VN		-0.06	-0.00003	±2.5	PASS			
		VH		1.02	0.00059	±2.5	PASS			
		VL		2.80	0.0016	±2.5	PASS			
HCH	TN	VN	3.28	0.00188	±2.5	PASS				
		VH	3.78	0.00217	±2.5	PASS				
		VL								

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BAND5	LTE/TM1	1.4	LCH	TN	VL	-0.86	-0.00104	±2.5	PASS	
					VN	-0.19	-0.00023	±2.5	PASS	
					VH	-1.42	-0.00172	±2.5	PASS	
			MCH	TN	VL	0.44	0.00053	±2.5	PASS	
					VN	0.67	0.0008	±2.5	PASS	
					VH	0.96	0.00115	±2.5	PASS	
			HCH	TN	VL	-2.15	-0.00371	±2.5	PASS	
					VN					
					VH					



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					VN	-2.72	-0.00321	±2.5	PASS	
					VH	-2.33	-0.00275	±2.5	PASS	
		3	LCH	TN	VL	-2.35	-0.00285	±2.5	PASS	
					VN	-2.23	-0.0027	±2.5	PASS	
			VH	-1.87	-0.00227	±2.5	PASS			
			MCH	TN	VL	0.04	0.00005	±2.5	PASS	
					VN	1.59	0.0019	±2.5	PASS	
			VH	0.07	0.00008	±2.5	PASS			
		HCH	TN	VL	0.69	0.00081	±2.5	PASS		
				VN	0.66	0.00078	±2.5	PASS		
		VH	-1.07	-0.00126	±2.5	PASS				
		5	LCH	TN	VL	-1.26	-0.00152	±2.5	PASS	
					VN	-0.94	-0.00114	±2.5	PASS	
			VH	-1.34	-0.00162	±2.5	PASS			
			MCH	TN	VL	-0.09	-0.00011	±2.5	PASS	
					VN	-0.13	-0.00016	±2.5	PASS	
			VH	0.66	0.00079	±2.5	PASS			
		HCH	TN	VL	-1.39	-0.00164	±2.5	PASS		
				VN	-2.92	-0.00345	±2.5	PASS		
		VH	-2.39	-0.00282	±2.5	PASS				
		10	LCH	TN	VL	-0.09	-0.00011	±2.5	PASS	
					VN	1.59	0.00192	±2.5	PASS	
			VH	-0.16	-0.00019	±2.5	PASS			
			MCH	TN	VL	-0.30	-0.00036	±2.5	PASS	
					VN	-0.54	-0.00065	±2.5	PASS	
			VH	0.62	0.00074	±2.5	PASS			
		HCH	TN	VL	0.29	0.00034	±2.5	PASS		
				VN	0.93	0.0011	±2.5	PASS		
		VH	-0.37	-0.00044	±2.5	PASS				
		LTE/TM2	1.4	LCH	TN	VL	-0.67	-0.00081	±2.5	PASS
						VN	-0.67	-0.00081	±2.5	PASS
				VH	-1.29	-0.00156	±2.5	PASS		
				MCH	TN	VL	0.97	0.00116	±2.5	PASS
						VN	1.14	0.00136	±2.5	PASS
				VH	0.24	0.00029	±2.5	PASS		
			HCH	TN	VL	-1.10	-0.0013	±2.5	PASS	
					VN	-2.32	-0.00273	±2.5	PASS	
			VH	-1.96	-0.00231	±2.5	PASS			
			3	LCH	TN	VL	-2.76	-0.00334	±2.5	PASS
		VN				-2.53	-0.00306	±2.5	PASS	



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			MCH	TN	VH	-4.08	-0.00494	±2.5	PASS
					VL	0.97	0.00116	±2.5	PASS
					VN	-0.76	-0.00091	±2.5	PASS
			HCH	TN	VH	1.63	0.00195	±2.5	PASS
					VL	-0.63	-0.00074	±2.5	PASS
					VN	-2.35	-0.00277	±2.5	PASS
			VH	TN	VH	-1.29	-0.00152	±2.5	PASS
					VL	-1.00	-0.00121	±2.5	PASS
					VN	-0.99	-0.0012	±2.5	PASS
		5	LCH	TN	VH	-0.97	-0.00117	±2.5	PASS
					VL	0.27	0.00032	±2.5	PASS
					VN	0.17	0.0002	±2.5	PASS
			MCH	TN	VH	-0.14	-0.00017	±2.5	PASS
					VL	-2.60	-0.00307	±2.5	PASS
					VN	-2.47	-0.00292	±2.5	PASS
			HCH	TN	VH	-2.06	-0.00243	±2.5	PASS
					VL	0.13	0.00016	±2.5	PASS
					VN	0.09	0.00011	±2.5	PASS
		10	LCH	TN	VH	1.66	0.002	±2.5	PASS
					VL	0.46	0.00055	±2.5	PASS
					VN	-0.14	-0.00017	±2.5	PASS
			MCH	TN	VH	0.67	0.0008	±2.5	PASS
					VL	0.34	0.0004	±2.5	PASS
					VN	1.27	0.0015	±2.5	PASS
			HCH	TN	VH	0.82	0.00097	±2.5	PASS
					VL	-1.97	-0.00253	±2.5	PASS
					VN	-2.92	-0.00375	±2.5	PASS
BAND5	LTE/TM1	5	LCH	TN	VH	-0.51	-0.00065	±2.5	PASS
					VL	-1.83	-0.00234	±2.5	PASS
					VN	-1.37	-0.00175	±2.5	PASS
			MCH	TN	VH	-0.94	-0.0012	±2.5	PASS
					VL	-1.47	-0.00187	±2.5	PASS
					VN	-0.40	-0.00051	±2.5	PASS
			HCH	TN	VH	-1.56	-0.00199	±2.5	PASS
					VL	-0.67	-0.00086	±2.5	PASS
					VN	-1.54	-0.00197	±2.5	PASS
		10	LCH	TN	VH	-0.84	-0.00107	±2.5	PASS
					VL	-0.50	-0.00064	±2.5	PASS
					VN	-0.33	-0.00042	±2.5	PASS
			MCH	TN	VH	-2.05	-0.00262	±2.5	PASS
					VL	-0.67	-0.00086	±2.5	PASS
					VN	-1.54	-0.00197	±2.5	PASS



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	LTE/TM2	5	HCH	TN	VL	-1.09	-0.00139	±2.5	PASS	
					VN	-0.13	-0.00017	±2.5	PASS	
					VH	-1.00	-0.00128	±2.5	PASS	
			LCH	TN	VL	-0.87	-0.00112	±2.5	PASS	
					VN	-0.62	-0.0008	±2.5	PASS	
					VH	0.47	0.0006	±2.5	PASS	
		MCH	TN	VL	-1.02	-0.0013	±2.5	PASS		
				VN	-0.89	-0.00114	±2.5	PASS		
				VH	-1.04	-0.00133	±2.5	PASS		
		HCH	TN	VL	-0.99	-0.00126	±2.5	PASS		
				VN	-0.69	-0.00088	±2.5	PASS		
				VH	0.69	0.00088	±2.5	PASS		
		10	LCH	TN	VL	-1.49	-0.00191	±2.5	PASS	
					VN	-1.85	-0.00237	±2.5	PASS	
					VH	-1.32	-0.00169	±2.5	PASS	
			MCH	TN	VL	-1.93	-0.00247	±2.5	PASS	
					VN	-1.95	-0.00249	±2.5	PASS	
					VH	-1.24	-0.00159	±2.5	PASS	
	HCH	TN	VL	-1.99	-0.00254	±2.5	PASS			
			VN	-1.17	-0.0015	±2.5	PASS			
			VH	-1.70	-0.00217	±2.5	PASS			
	BAND5	LTE/TM1	5	LCH	TN	VL	-2.98	-0.00422	±2.5	PASS
						VN	2.47	0.0035	±2.5	PASS
						VH	-2.37	-0.00335	±2.5	PASS
MCH				TN	VL	-1.30	-0.00183	±2.5	PASS	
					VN	-2.76	-0.00389	±2.5	PASS	
					VH	-8.93	-0.01258	±2.5	PASS	
HCH			TN	VL	-1.44	-0.00202	±2.5	PASS		
				VN	-1.44	-0.00202	±2.5	PASS		
				VH	-1.60	-0.00224	±2.5	PASS		
10			LCH	TN	VL	-1.36	-0.00192	±2.5	PASS	
					VN	3.03	0.00427	±2.5	PASS	
					VH	0.46	0.00065	±2.5	PASS	
			MCH	TN	VL	-1.77	-0.00249	±2.5	PASS	
					VN	3.58	0.00504	±2.5	PASS	
					VH	8.13	0.01145	±2.5	PASS	
HCH			TN	VL	-1.62	-0.00228	±2.5	PASS		
				VN	1.65	0.00232	±2.5	PASS		
				VH	7.08	0.00996	±2.5	PASS		
LTE/TM2		5	LCH	TN	VL	-5.61	-0.00794	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		10	MCH	TN	VN	-2.19	-0.00452	±2.5	PASS
					VH	3.49	0.00494	±2.5	PASS
					VL	-0.73	-0.00103	±2.5	PASS
					VN	-3.06	-0.00431	±2.5	PASS
					VH	-2.16	-0.00445	±2.5	PASS
					VL	-1.60	-0.00224	±2.5	PASS
			HCH	TN	VN	-3.62	-0.00507	±2.5	PASS
					VH	-0.54	-0.00076	±2.5	PASS
					VL	-1.47	-0.00207	±2.5	PASS
					VN	-4.02	-0.00567	±2.5	PASS
					VH	-1.75	-0.00247	±2.5	PASS
					VL	-1.92	-0.0027	±2.5	PASS
			MCH	TN	VN	-4.48	-0.00631	±2.5	PASS
					VH	-2.79	-0.00393	±2.5	PASS
					VL	-1.72	-0.00242	±2.5	PASS
					VN	0.50	0.0007	±2.5	PASS
					VH	-3.30	-0.00464	±2.5	PASS
					VL	-1.72	-0.00242	±2.5	PASS
HCH	TN	VN	0.50	0.0007	±2.5	PASS			
		VH	-3.30	-0.00464	±2.5	PASS			
		VL	-1.72	-0.00242	±2.5	PASS			
		VN	0.50	0.0007	±2.5	PASS			
		VH	-3.30	-0.00464	±2.5	PASS			
		VL	-1.72	-0.00242	±2.5	PASS			

BAND12	LTE/TM1	1.4	LCH	TN	VL	-2.99	-0.00427	PASS
					VN	-5.19	-0.00742	PASS
					VH	-6.49	-0.00928	PASS
			MCH	TN	VL	0.37	0.00052	PASS
					VN	-0.67	-0.00095	PASS
					VH	-0.1	-0.00014	PASS
			HCH	TN	VL	-1.06	-0.00148	PASS
					VN	-5.35	-0.00748	PASS
					VH	-3.16	-0.00442	PASS
		3	LCH	TN	VL	18.63	0.0266	PASS
					VN	22.75	0.03248	PASS
					VH	21.74	0.03103	PASS
			MCH	TN	VL	-1.12	-0.00158	PASS
					VN	-3.68	-0.0052	PASS
					VH	-2.12	-0.003	PASS
			HCH	TN	VL	8.11	0.01135	PASS
					VN	12.27	0.01717	PASS
					VH	11.64	0.01629	PASS
		5	LCH	TN	VL	-0.43	-0.00061	PASS
					VN	-1.5	-0.00214	PASS
					VH	-1.99	-0.00284	PASS



		10	MCH	TN	VL	-5.71	-0.00807	PASS
					VN	-4.48	-0.00633	PASS
					VH	-2.46	-0.00348	PASS
			HCH	TN	VL	1.37	0.00192	PASS
					VN	-3.22	-0.00451	PASS
					VH	-2.35	-0.00329	PASS
			LCH	TN	VL	1.24	0.00176	PASS
					VN	1.89	0.00268	PASS
					VH	0.44	0.00063	PASS
			MCH	TN	VL	-3.99	-0.00564	PASS
					VN	-1.83	-0.00259	PASS
					VH	-2.2	-0.00311	PASS
		HCH	TN	VL	-0.94	-0.00132	PASS	
				VN	-2.29	-0.00322	PASS	
				VH	-1.03	-0.00145	PASS	
				VN	-12.19	-0.01742	PASS	
				VH	-5.94	-0.00849	PASS	
		1.4	LCH	TN	VL	-10.16	-0.01452	PASS
					VN	-3.22	-0.00455	PASS
					VH	-5.22	-0.00738	PASS
			MCH	TN	VL	-0.84	-0.00119	PASS
					VN	-3.13	-0.00438	PASS
					VH	-2.82	-0.00394	PASS
			HCH	TN	VL	-1.44	-0.00201	PASS
					VN	30.94	0.04417	PASS
					VH	25.33	0.03616	PASS
		3	LCH	TN	VL	23.5	0.03355	PASS
					VN	-0.31	-0.00044	PASS
					VH	-5.39	-0.00762	PASS
			MCH	TN	VL	-3.08	-0.00435	PASS
					VN	12.26	0.01716	PASS
					VH	13.06	0.01828	PASS
			HCH	TN	VL	16.47	0.02305	PASS
					VN	-2.3	-0.00328	PASS
					VH	-2.16	-0.00308	PASS
		5	LCH	TN	VL	-2.06	-0.00294	PASS
					VN	-3.82	-0.0054	PASS
					VH	-2.86	-0.00404	PASS
			MCH	TN	VL	-3.46	-0.00489	PASS
					VN	-2.42	-0.00339	PASS
					VH	-0.73	-0.00102	PASS
			HCH	TN	VL	-4.21	-0.0059	PASS



		10	LCH	TN	VN	0.31	0.00044	PASS		
					VH	-3.15	-0.00447	PASS		
					VL	-1.43	-0.00203	PASS		
			MCH	TN	VN	-2.17	-0.00307	PASS		
					VH	-4.62	-0.00653	PASS		
					VL	-4.45	-0.00629	PASS		
		HCH	TN	VN	-1.5	-0.00211	PASS			
				VH	-2.33	-0.00328	PASS			
				VL	-1.59	-0.00224	PASS			
							VN	-2.99	-0.00427	PASS
							VH	-5.19	-0.00742	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	TN	VL	-2.98	-0.00422	±2.5	PASS
					VN	2.47	0.0035	±2.5	PASS
					VH	-2.37	-0.00335	±2.5	PASS
			MCH	TN	VL	-1.30	-0.00183	±2.5	PASS
					VN	-2.76	-0.00389	±2.5	PASS
					VH	-8.93	-0.01258	±2.5	PASS
		HCH	TN	VL	-1.44	-0.00202	±2.5	PASS	
				VN	-1.44	-0.00202	±2.5	PASS	
				VH	-1.60	-0.00224	±2.5	PASS	
		10	LCH	TN	VL	-1.36	-0.00192	±2.5	PASS
					VN	3.03	0.00427	±2.5	PASS
					VH	0.46	0.00065	±2.5	PASS
	MCH		TN	VL	-1.77	-0.00249	±2.5	PASS	
				VN	3.58	0.00504	±2.5	PASS	
				VH	8.13	0.01145	±2.5	PASS	
	HCH	TN	VL	-1.62	-0.00228	±2.5	PASS		
			VN	1.65	0.00232	±2.5	PASS		
			VH	7.08	0.00996	±2.5	PASS		
	LTE/TM2	5	LCH	TN	VL	-5.61	-0.00794	±2.5	PASS
					VN	-2.19	-0.00452	±2.5	PASS
					VH	3.49	0.00494	±2.5	PASS
			MCH	TN	VL	-0.73	-0.00103	±2.5	PASS
					VN	-3.06	-0.00431	±2.5	PASS
					VH	-2.16	-0.00445	±2.5	PASS
HCH		TN	VL	-1.60	-0.00224	±2.5	PASS		
			VN	-3.62	-0.00507	±2.5	PASS		
			VH	-0.54	-0.00076	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		10	LCH	TN	VL	-1.47	-0.00207	±2.5	PASS
					VN	-4.02	-0.00567	±2.5	PASS
					VH	-1.75	-0.00247	±2.5	PASS
			MCH	TN	VL	-1.92	-0.0027	±2.5	PASS
					VN	-4.48	-0.00631	±2.5	PASS
					VH	-2.79	-0.00393	±2.5	PASS
			HCH	TN	VL	-1.72	-0.00242	±2.5	PASS
					VN	0.50	0.0007	±2.5	PASS
					VH	-3.30	-0.00464	±2.5	PASS

8.1.2 Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	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
					-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					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		5	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
					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
			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
			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
			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



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict			
					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			
		40	-3.63	-0.00196				±2.5	PASS			
		50	-4.88	-0.00263				±2.5	PASS			
		10	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			
					10	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			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
			MCH	VN	50	-5.24	-0.00282	±2.5	PASS
					-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
					-20	-7.78	-0.00409	±2.5	PASS
					-10	-5.71	-0.003	±2.5	PASS
					0	-9.04	-0.00475	±2.5	PASS
					10	-9.66	-0.00508	±2.5	PASS
					20	-9.58	-0.00504	±2.5	PASS
					30	-4.69	-0.00247	±2.5	PASS
					40	-6.77	-0.00356	±2.5	PASS
		50			-4.03	-0.00212	±2.5	PASS	
		20	LCH	VN	-30	-4.82	-0.00259	±2.5	PASS
					-20	-2.60	-0.0014	±2.5	PASS
					-10	-3.55	-0.00191	±2.5	PASS
					0	-3.33	-0.00179	±2.5	PASS
					10	-1.54	-0.00083	±2.5	PASS
					20	-3.45	-0.00185	±2.5	PASS
					30	0.84	0.00045	±2.5	PASS
					40	-2.73	-0.00147	±2.5	PASS
					50	-1.40	-0.00075	±2.5	PASS
			MCH	VN	-30	-8.10	-0.00431	±2.5	PASS
					-20	-13.80	-0.00734	±2.5	PASS
					-10	-8.15	-0.00434	±2.5	PASS
					0	-10.46	-0.00556	±2.5	PASS
					10	-10.20	-0.00543	±2.5	PASS
					20	-5.48	-0.00291	±2.5	PASS
					30	-6.32	-0.00336	±2.5	PASS
					40	-2.52	-0.00134	±2.5	PASS
					50	-3.38	-0.0018	±2.5	PASS
		HCH	VN	-30	-11.92	-0.00627	±2.5	PASS	
				-20	4.22	0.00222	±2.5	PASS	
				-10	-6.12	-0.00375	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
	LTE/TM2	1.4	LCH	VN	0	0.17	0.00009	±2.5	PASS
					10	-11.06	-0.00582	±2.5	PASS
					20	-7.00	-0.00368	±2.5	PASS
					30	-2.10	-0.00111	±2.5	PASS
					40	-8.08	-0.00425	±2.5	PASS
					50	-12.07	-0.00635	±2.5	PASS
					-30	-9.83	-0.00531	±2.5	PASS
					-20	-4.94	-0.00267	±2.5	PASS
					-10	-0.59	-0.00032	±2.5	PASS
			0	4.62	0.0025	±2.5	PASS		
			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	±2.5	PASS		
			-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		
			50	-9.44	-0.00494	±2.5	PASS		
	3	LCH	VN	-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	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		5	MCH	VN	40	-0.51	-0.00028	±2.5	PASS
					50	-14.79	-0.00799	±2.5	PASS
					-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
					40	-8.74	-0.00465	±2.5	PASS
			50	-2.13	-0.00166	±2.5	PASS		
			HCH	VN	-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
		LCH			VN	-30	-3.26	-0.00176	±2.5
			-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	
			MCH	VN		-30	-6.67	-0.00355	±2.5
		-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			
		HCH	VN	-30	-5.97	-0.00313	±2.5	PASS	
				-20	0.10	0.00005	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-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	-0.00351	±2.5	PASS
					-20	-5.08	-0.00274	±2.5	PASS
					-10	-5.46	-0.00294	±2.5	PASS
					0	-1.87	-0.00101	±2.5	PASS
					10	-3.09	-0.00167	±2.5	PASS
					20	-3.93	-0.00212	±2.5	PASS
					30	-2.16	-0.00116	±2.5	PASS
					40	-1.75	-0.00094	±2.5	PASS
					50	-1.57	-0.00085	±2.5	PASS
			MCH	VN	-30	-8.14	-0.00433	±2.5	PASS
					-20	-6.55	-0.00348	±2.5	PASS
					-10	-6.10	-0.00378	±2.5	PASS
					0	-6.32	-0.00336	±2.5	PASS
					10	-6.28	-0.00334	±2.5	PASS
					20	-6.29	-0.00335	±2.5	PASS
					30	-9.36	-0.00498	±2.5	PASS
					40	-7.28	-0.00387	±2.5	PASS
					50	-3.30	-0.00176	±2.5	PASS
			HCH	VN	-30	-3.00	-0.00157	±2.5	PASS
					-20	-10.49	-0.00551	±2.5	PASS
					-10	4.63	0.00243	±2.5	PASS
		0			-5.89	-0.00309	±2.5	PASS	
		10			4.39	0.0023	±2.5	PASS	
		20			-2.25	-0.00118	±2.5	PASS	
		30			-6.10	-0.00373	±2.5	PASS	
		40			-0.33	-0.00017	±2.5	PASS	
		50			2.83	0.00149	±2.5	PASS	
		15	LCH	VN	-30	-9.80	-0.00528	±2.5	PASS
					-20	-4.35	-0.00234	±2.5	PASS
					-10	-11.00	-0.00592	±2.5	PASS
					0	-8.96	-0.00482	±2.5	PASS
					10	-7.04	-0.00379	±2.5	PASS
					20	-9.54	-0.00514	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					30	-7.61	-0.0041	±2.5	PASS		
					40	-6.39	-0.00344	±2.5	PASS		
					50	-10.49	-0.00565	±2.5	PASS		
			MCH	VN	-30	-9.04	-0.00481	±2.5	PASS		
					-20	-2.73	-0.00145	±2.5	PASS		
					-10	-7.90	-0.0042	±2.5	PASS		
					0	-6.10	-0.00378	±2.5	PASS		
					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			
		20		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	
						50	-1.49	-0.0008	±2.5	PASS	
				MCH	VN	-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	
		HCH	VN	30	-6.12	-0.00379	±2.5	PASS			
				40	-11.57	-0.00615	±2.5	PASS			
				50	-11.69	-0.00622	±2.5	PASS			
					HCH	VN	-30	-0.83	-0.00044	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-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
					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 Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND4	LTE/TM1	1.4	LCH	VN	-30	-3.52	-0.00206	±2.5	PASS
					-20	-2.63	-0.00154	±2.5	PASS
					-10	-3.13	-0.00241	±2.5	PASS
					0	-4.59	-0.00268	±2.5	PASS
					10	-3.58	-0.00209	±2.5	PASS
					20	-3.60	-0.0021	±2.5	PASS
					30	-2.12	-0.00124	±2.5	PASS
					40	-5.02	-0.00293	±2.5	PASS
			50	-3.66	-0.00214	±2.5	PASS		
			MCH	VN	-30	2.75	0.00159	±2.5	PASS
					-20	2.23	0.00129	±2.5	PASS
					-10	2.55	0.00147	±2.5	PASS
					0	1.46	0.00084	±2.5	PASS
					10	2.16	0.00125	±2.5	PASS
					20	3.43	0.00198	±2.5	PASS
					30	1.96	0.00113	±2.5	PASS
					40	0.66	0.00038	±2.5	PASS
			50	2.86	0.00165	±2.5	PASS		
			HCH	VN	-30	-4.72	-0.00269	±2.5	PASS
					-20	-0.97	-0.00055	±2.5	PASS
					-10	-2.12	-0.00178	±2.5	PASS
					0	-2.83	-0.00161	±2.5	PASS
					10	-1.09	-0.00062	±2.5	PASS
					20	-2.59	-0.00148	±2.5	PASS
30	-1.10	-0.00063			±2.5	PASS			
40	-0.97	-0.00055			±2.5	PASS			
50	-1.53	-0.00087	±2.5	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		3	LCH	VN	-30	-4.22	-0.00247	±2.5	PASS
					-20	-0.03	-0.00002	±2.5	PASS
					-10	-3.29	-0.00192	±2.5	PASS
					0	-0.79	-0.00046	±2.5	PASS
					10	-1.59	-0.00093	±2.5	PASS
					20	-3.23	-0.00189	±2.5	PASS
					30	-3.62	-0.00212	±2.5	PASS
					40	-3.26	-0.0019	±2.5	PASS
					50	-2.29	-0.00134	±2.5	PASS
			MCH	VN	-30	-0.24	-0.00014	±2.5	PASS
					-20	2.62	0.00151	±2.5	PASS
					-10	-0.50	-0.00029	±2.5	PASS
					0	0.86	0.0005	±2.5	PASS
					10	2.55	0.00147	±2.5	PASS
					20	1.73	0.001	±2.5	PASS
					30	0.44	0.00025	±2.5	PASS
					40	-0.30	-0.00017	±2.5	PASS
					50	1.87	0.00108	±2.5	PASS
			HCH	VN	-30	-5.72	-0.00326	±2.5	PASS
					-20	-6.24	-0.00356	±2.5	PASS
					-10	-6.82	-0.00389	±2.5	PASS
					0	-6.54	-0.00373	±2.5	PASS
					10	-5.52	-0.00315	±2.5	PASS
					20	-7.28	-0.00415	±2.5	PASS
		30			-6.92	-0.00395	±2.5	PASS	
		40			-5.74	-0.00327	±2.5	PASS	
		50			-4.05	-0.00231	±2.5	PASS	
		5	LCH	VN	-30	-5.95	-0.00347	±2.5	PASS
					-20	-5.62	-0.00328	±2.5	PASS
					-10	-6.44	-0.00376	±2.5	PASS
					0	-6.47	-0.00378	±2.5	PASS
					10	-5.48	-0.0032	±2.5	PASS
					20	-4.03	-0.00235	±2.5	PASS
					30	-6.38	-0.00373	±2.5	PASS
					40	-4.25	-0.00248	±2.5	PASS
					50	-3.89	-0.00227	±2.5	PASS
MCH	VN		-30	2.07	0.00119	±2.5	PASS		
			-20	1.34	0.00077	±2.5	PASS		
			-10	0.39	0.00023	±2.5	PASS		
					0	-0.84	-0.00048	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
				VN	10	1.16	0.00067	±2.5	PASS
					20	-0.41	-0.00024	±2.5	PASS
					30	2.55	0.00147	±2.5	PASS
					40	0.93	0.00054	±2.5	PASS
					50	0.99	0.00057	±2.5	PASS
			HCH		-30	-3.79	-0.00216	±2.5	PASS
					-20	-5.32	-0.00304	±2.5	PASS
					-10	-1.09	-0.00062	±2.5	PASS
					0	-3.12	-0.00235	±2.5	PASS
					10	-4.22	-0.00241	±2.5	PASS
					20	-5.66	-0.00323	±2.5	PASS
					30	-5.39	-0.00308	±2.5	PASS
					40	-1.80	-0.00103	±2.5	PASS
					50	-2.96	-0.00169	±2.5	PASS
					LCH	-30	-0.09	-0.00005	±2.5
			-20			0.84	0.00049	±2.5	PASS
			-10			1.20	0.0007	±2.5	PASS
			0			-0.06	-0.00003	±2.5	PASS
			10			-0.74	-0.00043	±2.5	PASS
			20			-0.49	-0.00029	±2.5	PASS
		30	0.16	0.00009		±2.5	PASS		
		40	-0.83	-0.00048		±2.5	PASS		
		MCH	50	0.36	0.00021	±2.5	PASS		
			-30	3.46	0.002	±2.5	PASS		
			-20	1.27	0.00073	±2.5	PASS		
			-10	3.00	0.00173	±2.5	PASS		
			0	3.00	0.00173	±2.5	PASS		
			10	1.02	0.00059	±2.5	PASS		
			20	0.19	0.00011	±2.5	PASS		
			30	-0.89	-0.00051	±2.5	PASS		
		HCH	40	-0.47	-0.00027	±2.5	PASS		
			50	0.27	0.00016	±2.5	PASS		
			-30	3.76	0.00215	±2.5	PASS		
			-20	4.62	0.00264	±2.5	PASS		
			-10	3.89	0.00222	±2.5	PASS		
			0	1.60	0.00091	±2.5	PASS		
			10	4.38	0.0025	±2.5	PASS		
			20	3.85	0.0022	±2.5	PASS		
		30	4.32	0.00247	±2.5	PASS			
		40	3.26	0.00186	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		15	LCH	VN	50	3.32	0.0019	±2.5	PASS
					-30	-4.11	-0.00298	±2.5	PASS
					-20	-7.62	-0.00444	±2.5	PASS
					-10	-7.87	-0.00458	±2.5	PASS
					0	-7.55	-0.0044	±2.5	PASS
					10	-6.95	-0.00405	±2.5	PASS
					20	-6.91	-0.00402	±2.5	PASS
					30	-5.19	-0.0036	±2.5	PASS
					40	-5.71	-0.00332	±2.5	PASS
			50	-7.24	-0.00422	±2.5	PASS		
			MCH	VN	-30	1.63	0.00094	±2.5	PASS
					-20	1.02	0.00059	±2.5	PASS
					-10	1.77	0.00102	±2.5	PASS
					0	0.67	0.00039	±2.5	PASS
					10	2.60	0.0015	±2.5	PASS
					20	0.57	0.00033	±2.5	PASS
					30	1.54	0.00089	±2.5	PASS
					40	-0.06	-0.00003	±2.5	PASS
		50			1.26	0.00073	±2.5	PASS	
		HCH	VN	-30	-3.09	-0.00177	±2.5	PASS	
				-20	-3.13	-0.00236	±2.5	PASS	
				-10	-1.23	-0.0007	±2.5	PASS	
				0	-2.40	-0.00137	±2.5	PASS	
				10	-2.49	-0.00142	±2.5	PASS	
				20	-1.93	-0.0011	±2.5	PASS	
				30	-2.16	-0.00181	±2.5	PASS	
				40	-2.25	-0.00129	±2.5	PASS	
				50	-1.24	-0.00071	±2.5	PASS	
		20	LCH	VN	-30	-1.13	-0.00066	±2.5	PASS
					-20	-0.39	-0.00023	±2.5	PASS
					-10	-0.47	-0.00027	±2.5	PASS
					0	-1.54	-0.0009	±2.5	PASS
					10	0.10	0.00006	±2.5	PASS
					20	-0.74	-0.00043	±2.5	PASS
					30	-1.52	-0.00088	±2.5	PASS
					40	-0.72	-0.00042	±2.5	PASS
					50	-1.89	-0.0011	±2.5	PASS
			MCH	VN	-30	0.11	0.00006	±2.5	PASS
					-20	1.96	0.00113	±2.5	PASS
					-10	0.83	0.00048	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					0	2.32	0.00134	±2.5	PASS		
					10	1.73	0.001	±2.5	PASS		
					20	0.39	0.00023	±2.5	PASS		
					30	0.04	0.00002	±2.5	PASS		
					40	1.30	0.00075	±2.5	PASS		
					50	1.99	0.00115	±2.5	PASS		
			HCH	VN	-30	2.26	0.0013	±2.5	PASS		
					-20	3.46	0.00198	±2.5	PASS		
					-10	4.21	0.00241	±2.5	PASS		
					0	3.28	0.00188	±2.5	PASS		
					10	4.84	0.00277	±2.5	PASS		
					20	2.60	0.00149	±2.5	PASS		
					30	3.09	0.00177	±2.5	PASS		
					40	4.53	0.0026	±2.5	PASS		
					50	5.01	0.00287	±2.5	PASS		
					LCH	VN	-30	-2.98	-0.00174	±2.5	PASS
							-20	-4.79	-0.0028	±2.5	PASS
							-10	-7.57	-0.00443	±2.5	PASS
	0	-7.00	-0.00409	±2.5			PASS				
	10	-3.86	-0.00226	±2.5			PASS				
	20	-3.33	-0.00195	±2.5			PASS				
	30	-4.65	-0.00272	±2.5			PASS				
	40	-6.42	-0.00375	±2.5			PASS				
	50	-2.85	-0.00167	±2.5			PASS				
	MCH	VN	-30	0.96			0.00055	±2.5	PASS		
			-20	1.54			0.00089	±2.5	PASS		
			-10	1.16			0.00067	±2.5	PASS		
			0	3.06			0.00177	±2.5	PASS		
			10	1.63			0.00094	±2.5	PASS		
			20	0.77			0.00044	±2.5	PASS		
			30	2.69			0.00155	±2.5	PASS		
			40	-1.52			-0.00088	±2.5	PASS		
	HCH	VN	50	1.42			0.00082	±2.5	PASS		
			-30	-6.59	-0.00376	±2.5	PASS				
			-20	-4.33	-0.00247	±2.5	PASS				
			-10	-2.43	-0.00139	±2.5	PASS				
0			-3.11	-0.00234	±2.5	PASS					
10			-5.02	-0.00286	±2.5	PASS					
20			-5.82	-0.00332	±2.5	PASS					
30			-3.79	-0.00216	±2.5	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	-4.62	-0.00263	±2.5	PASS
					50	-4.42	-0.00252	±2.5	PASS
		3	LCH	VN	-30	-4.49	-0.00262	±2.5	PASS
					-20	-2.36	-0.00138	±2.5	PASS
					-10	-4.95	-0.00289	±2.5	PASS
					0	-5.42	-0.00317	±2.5	PASS
					10	-4.68	-0.00273	±2.5	PASS
					20	-6.04	-0.00353	±2.5	PASS
					30	-5.71	-0.00334	±2.5	PASS
					40	-6.69	-0.00391	±2.5	PASS
					50	-5.26	-0.00307	±2.5	PASS
			MCH	VN	-30	-0.41	-0.00024	±2.5	PASS
					-20	0.59	0.00034	±2.5	PASS
					-10	-1.79	-0.00103	±2.5	PASS
					0	-0.69	-0.0004	±2.5	PASS
					10	0.44	0.00025	±2.5	PASS
					20	-0.20	-0.00012	±2.5	PASS
					30	0.87	0.0005	±2.5	PASS
					40	-1.53	-0.00088	±2.5	PASS
					50	1.19	0.00069	±2.5	PASS
		HCH	VN	-30	-8.83	-0.00504	±2.5	PASS	
				-20	-8.67	-0.00494	±2.5	PASS	
				-10	-6.68	-0.00381	±2.5	PASS	
				0	-7.94	-0.00453	±2.5	PASS	
				10	-7.71	-0.0044	±2.5	PASS	
				20	-6.15	-0.00408	±2.5	PASS	
				30	-9.04	-0.00516	±2.5	PASS	
				40	-7.97	-0.00455	±2.5	PASS	
		50	-5.91	-0.00337	±2.5	PASS			
		5	LCH	VN	-30	-2.49	-0.00145	±2.5	PASS
					-20	-4.88	-0.00285	±2.5	PASS
					-10	-2.69	-0.00157	±2.5	PASS
0	-2.92				-0.00171	±2.5	PASS		
10	-3.86				-0.00225	±2.5	PASS		
20	-3.25				-0.0019	±2.5	PASS		
30	-4.23				-0.00247	±2.5	PASS		
40	-3.73				-0.00218	±2.5	PASS		
50	-4.62				-0.0027	±2.5	PASS		
MCH	VN		-30	1.53	0.00088	±2.5	PASS		
			-20	2.75	0.00159	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-10	1.92	0.00111	±2.5	PASS
					0	2.42	0.0014	±2.5	PASS
					10	4.28	0.00247	±2.5	PASS
					20	3.71	0.00214	±2.5	PASS
					30	2.52	0.00145	±2.5	PASS
					40	3.52	0.00203	±2.5	PASS
					50	3.08	0.00178	±2.5	PASS
			HCH	VN	-30	-4.96	-0.00283	±2.5	PASS
					-20	-1.47	-0.00084	±2.5	PASS
					-10	-2.18	-0.00181	±2.5	PASS
					0	-1.59	-0.00091	±2.5	PASS
					10	-3.58	-0.00204	±2.5	PASS
					20	-3.91	-0.00223	±2.5	PASS
					30	-2.82	-0.00161	±2.5	PASS
		LCH	VN	-30	-0.31	-0.00018	±2.5	PASS	
				-20	0.20	0.00012	±2.5	PASS	
				-10	-1.36	-0.00079	±2.5	PASS	
				0	-0.90	-0.00052	±2.5	PASS	
				10	-1.07	-0.00062	±2.5	PASS	
				20	0.17	0.0001	±2.5	PASS	
				30	-0.34	-0.0002	±2.5	PASS	
				40	1.19	0.00069	±2.5	PASS	
				50	-0.11	-0.00006	±2.5	PASS	
				MCH	VN	-30	2.13	0.00123	±2.5
		-20	1.60			0.00092	±2.5	PASS	
		-10	1.65			0.00095	±2.5	PASS	
		0	2.30			0.00133	±2.5	PASS	
		10	0.23			0.00013	±2.5	PASS	
		20	1.40			0.00081	±2.5	PASS	
		30	1.87			0.00108	±2.5	PASS	
		40	1.56			0.0009	±2.5	PASS	
		50	1.04			0.0006	±2.5	PASS	
		HCH	VN	-30	1.87	0.00107	±2.5	PASS	
				-20	2.66	0.00152	±2.5	PASS	
				-10	2.02	0.00115	±2.5	PASS	
				0	1.79	0.00102	±2.5	PASS	
				10	2.10	0.0012	±2.5	PASS	
				20	2.19	0.00125	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		15	LCH	VN	30	3.72	0.00213	±2.5	PASS
					40	2.10	0.0012	±2.5	PASS
					50	2.52	0.00144	±2.5	PASS
			-30		-5.02	-0.00292	±2.5	PASS	
			-20		-6.51	-0.00379	±2.5	PASS	
			-10		-7.00	-0.00408	±2.5	PASS	
			0		-5.48	-0.00319	±2.5	PASS	
			10		-6.08	-0.00354	±2.5	PASS	
			20		-7.78	-0.00453	±2.5	PASS	
		30	-6.95	-0.00405	±2.5	PASS			
		40	-7.20	-0.00419	±2.5	PASS			
		50	-7.94	-0.00462	±2.5	PASS			
		MCH	VN	-30	-0.14	-0.00008	±2.5	PASS	
				-20	-0.67	-0.00039	±2.5	PASS	
				-10	0.76	0.00044	±2.5	PASS	
				0	1.07	0.00062	±2.5	PASS	
				10	0.92	0.00053	±2.5	PASS	
				20	1.32	0.00076	±2.5	PASS	
				30	1.10	0.00063	±2.5	PASS	
				40	-0.16	-0.00009	±2.5	PASS	
				50	0.39	0.00023	±2.5	PASS	
		HCH	VN	-30	-1.86	-0.00106	±2.5	PASS	
				-20	-4.28	-0.00245	±2.5	PASS	
				-10	-3.20	-0.00183	±2.5	PASS	
				0	-2.19	-0.00183	±2.5	PASS	
				10	-1.96	-0.00112	±2.5	PASS	
				20	-1.09	-0.00062	±2.5	PASS	
				30	-3.72	-0.00213	±2.5	PASS	
				40	-2.95	-0.00169	±2.5	PASS	
				50	-1.95	-0.00112	±2.5	PASS	
		20	LCH	VN	-30	-0.26	-0.00015	±2.5	PASS
					-20	-0.13	-0.00008	±2.5	PASS
					-10	-1.69	-0.00098	±2.5	PASS
					0	-0.50	-0.00029	±2.5	PASS
					10	-1.10	-0.00064	±2.5	PASS
					20	-1.22	-0.00071	±2.5	PASS
					30	-2.22	-0.00129	±2.5	PASS
					40	-2.00	-0.00116	±2.5	PASS
					50	-1.92	-0.00112	±2.5	PASS
			MCH	VN	-30	1.04	0.0006	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-20	0.74	0.00043	±2.5	PASS
					-10	2.49	0.00144	±2.5	PASS
					0	0.16	0.00009	±2.5	PASS
					10	2.29	0.00132	±2.5	PASS
					20	1.12	0.00065	±2.5	PASS
					30	0.36	0.00021	±2.5	PASS
					40	0.93	0.00054	±2.5	PASS
					50	2.17	0.00125	±2.5	PASS
					HCH	VN	-30	2.37	0.00136
			-20	2.65			0.00152	±2.5	PASS
			-10	2.36			0.00135	±2.5	PASS
			0	2.39			0.00137	±2.5	PASS
			10	4.35			0.00249	±2.5	PASS
			20	2.90			0.00166	±2.5	PASS
			30	2.75			0.00158	±2.5	PASS
			40	4.33			0.00248	±2.5	PASS
			50	2.23			0.00128	±2.5	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	-0.89	-0.00108	±2.5	PASS
					-20	-0.63	-0.00076	±2.5	PASS
					-10	-0.39	-0.00047	±2.5	PASS
					0	0.41	0.0005	±2.5	PASS
					10	-1.63	-0.00198	±2.5	PASS
					20	-1.14	-0.00138	±2.5	PASS
					30	-1.17	-0.00142	±2.5	PASS
					40	1.36	0.00165	±2.5	PASS
					50	-2.56	-0.0031	±2.5	PASS
			MCH	VN	-30	-0.44	-0.00053	±2.5	PASS
					-20	0.94	0.00112	±2.5	PASS
					-10	0.09	0.00011	±2.5	PASS
					0	0.41	0.00049	±2.5	PASS
					10	0.00	0	±2.5	PASS
					20	0.07	0.00008	±2.5	PASS
					30	1.13	0.00135	±2.5	PASS
					40	-0.30	-0.00036	±2.5	PASS
					50	0.70	0.00084	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		3	HCH	VN	-30	-2.55	-0.00301	±2.5	PASS
					-20	-1.65	-0.00195	±2.5	PASS
					-10	-1.43	-0.00169	±2.5	PASS
					0	-2.42	-0.00285	±2.5	PASS
					10	-3.29	-0.00388	±2.5	PASS
					20	-1.19	-0.0014	±2.5	PASS
					30	-2.13	-0.00369	±2.5	PASS
					40	-0.77	-0.00091	±2.5	PASS
			50	-1.43	-0.00169	±2.5	PASS		
			LCH	VN	-30	-2.92	-0.00354	±2.5	PASS
					-20	-1.65	-0.002	±2.5	PASS
					-10	-2.82	-0.00342	±2.5	PASS
					0	-2.36	-0.00286	±2.5	PASS
					10	-1.43	-0.00173	±2.5	PASS
					20	-2.13	-0.00379	±2.5	PASS
					30	-2.85	-0.00345	±2.5	PASS
		40			-2.68	-0.00325	±2.5	PASS	
		50	-2.25	-0.00273	±2.5	PASS			
		MCH	VN	-30	1.03	0.00123	±2.5	PASS	
				-20	0.82	0.00098	±2.5	PASS	
				-10	0.03	0.00004	±2.5	PASS	
				0	0.82	0.00098	±2.5	PASS	
				10	0.21	0.00025	±2.5	PASS	
				20	-0.27	-0.00032	±2.5	PASS	
				30	1.65	0.00197	±2.5	PASS	
				40	0.39	0.00047	±2.5	PASS	
		50	-0.62	-0.00074	±2.5	PASS			
		HCH	VN	-30	-1.19	-0.0014	±2.5	PASS	
				-20	-1.83	-0.00216	±2.5	PASS	
				-10	0.16	0.00019	±2.5	PASS	
				0	-1.17	-0.00138	±2.5	PASS	
				10	-1.29	-0.00152	±2.5	PASS	
				20	-2.25	-0.00265	±2.5	PASS	
				30	-0.33	-0.00039	±2.5	PASS	
				40	-0.56	-0.00066	±2.5	PASS	
		50	-1.49	-0.00176	±2.5	PASS			
		5	LCH	VN	-30	-1.23	-0.00149	±2.5	PASS
					-20	-0.66	-0.0008	±2.5	PASS
					-10	-0.92	-0.00111	±2.5	PASS
					0	-0.29	-0.00035	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		10			10	-0.92	-0.00111	±2.5	PASS
					20	0.30	0.00036	±2.5	PASS
					30	-1.50	-0.00181	±2.5	PASS
					40	-0.82	-0.00099	±2.5	PASS
					50	-0.76	-0.00092	±2.5	PASS
			MCH	VN	-30	0.37	0.00044	±2.5	PASS
					-20	1.53	0.00183	±2.5	PASS
					-10	0.69	0.00082	±2.5	PASS
					0	1.50	0.00179	±2.5	PASS
					10	0.70	0.00084	±2.5	PASS
					20	0.53	0.00063	±2.5	PASS
					30	1.33	0.00159	±2.5	PASS
					40	0.69	0.00082	±2.5	PASS
					50	0.31	0.00037	±2.5	PASS
					HCH	VN	-30	-1.50	-0.00177
			-20	-3.49			-0.00412	±2.5	PASS
			-10	-2.99			-0.00353	±2.5	PASS
			0	-3.45			-0.00408	±2.5	PASS
			10	-3.48			-0.00411	±2.5	PASS
			20	-0.74			-0.00087	±2.5	PASS
			30	-1.80			-0.00213	±2.5	PASS
			40	-3.49			-0.00412	±2.5	PASS
			50	-1.32	-0.00156	±2.5	PASS		
			LCH	VN	-30	1.16	0.0014	±2.5	PASS
					-20	0.82	0.00099	±2.5	PASS
					-10	0.51	0.00062	±2.5	PASS
					0	0.62	0.00075	±2.5	PASS
					10	0.07	0.00008	±2.5	PASS
					20	0.96	0.00116	±2.5	PASS
					30	0.40	0.00048	±2.5	PASS
					40	0.34	0.00041	±2.5	PASS
					50	2.02	0.00244	±2.5	PASS
					MCH	VN	-30	0.83	0.00099
			-20	0.64			0.00077	±2.5	PASS
			-10	1.03			0.00123	±2.5	PASS
			0	0.60			0.00072	±2.5	PASS
			10	0.41			0.00049	±2.5	PASS
			20	-0.17			-0.0002	±2.5	PASS
			30	0.19			0.00023	±2.5	PASS
			40	0.93			0.00111	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict	
			HCH	VN	50	1.65	0.00197	±2.5	PASS	
					-30	0.54	0.00064	±2.5	PASS	
					-20	2.09	0.00248	±2.5	PASS	
					-10	0.17	0.0002	±2.5	PASS	
					0	1.04	0.00123	±2.5	PASS	
					10	-0.82	-0.00097	±2.5	PASS	
					20	0.54	0.00064	±2.5	PASS	
					30	1.23	0.00146	±2.5	PASS	
					40	1.60	0.0019	±2.5	PASS	
					50	0.76	0.0009	±2.5	PASS	
	LTE/TM2		1.4	LCH	VN	-30	-0.82	-0.00099	±2.5	PASS
						-20	-0.26	-0.00032	±2.5	PASS
						-10	-0.79	-0.00096	±2.5	PASS
						0	-0.34	-0.00041	±2.5	PASS
						10	-1.99	-0.00241	±2.5	PASS
						20	-1.99	-0.00241	±2.5	PASS
						30	0.49	0.00059	±2.5	PASS
						40	-0.82	-0.00099	±2.5	PASS
						50	0.39	0.00047	±2.5	PASS
				MCH	VN	-30	1.44	0.00172	±2.5	PASS
						-20	0.99	0.00118	±2.5	PASS
						-10	1.14	0.00136	±2.5	PASS
						0	0.76	0.00091	±2.5	PASS
						10	-0.29	-0.00035	±2.5	PASS
						20	1.63	0.00195	±2.5	PASS
						30	1.69	0.00202	±2.5	PASS
						40	1.72	0.00206	±2.5	PASS
						50	2.10	0.00251	±2.5	PASS
		HCH	VN	-30	-2.85	-0.00336	±2.5	PASS		
				-20	-3.29	-0.00388	±2.5	PASS		
				-10	-1.16	-0.00137	±2.5	PASS		
				0	-3.49	-0.00411	±2.5	PASS		
				10	-1.53	-0.0018	±2.5	PASS		
				20	-2.22	-0.00262	±2.5	PASS		
				30	-2.33	-0.00275	±2.5	PASS		
				40	-1.12	-0.00132	±2.5	PASS		
				50	-1.83	-0.00216	±2.5	PASS		
		3	LCH	VN	-30	-2.13	-0.00379	±2.5	PASS	
					-20	-3.60	-0.00436	±2.5	PASS	
					-10	-2.75	-0.00333	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		5			0	-1.30	-0.00157	±2.5	PASS
					10	-2.15	-0.00382	±2.5	PASS
					20	-3.39	-0.00411	±2.5	PASS
					30	-2.26	-0.00274	±2.5	PASS
					40	-1.46	-0.00177	±2.5	PASS
					50	-1.23	-0.00149	±2.5	PASS
			MCH	VN	-30	-0.77	-0.00092	±2.5	PASS
					-20	1.07	0.00128	±2.5	PASS
					-10	-0.13	-0.00016	±2.5	PASS
					0	1.07	0.00128	±2.5	PASS
					10	0.49	0.00059	±2.5	PASS
					20	0.94	0.00112	±2.5	PASS
					30	-0.41	-0.00049	±2.5	PASS
					40	-0.23	-0.00027	±2.5	PASS
			HCH	VN	-30	-0.20	-0.00024	±2.5	PASS
					-20	-1.23	-0.00145	±2.5	PASS
					-10	-1.53	-0.00181	±2.5	PASS
					0	-0.84	-0.00099	±2.5	PASS
					10	-2.20	-0.0026	±2.5	PASS
					20	-0.46	-0.00054	±2.5	PASS
					30	-1.69	-0.00199	±2.5	PASS
					40	-1.77	-0.00209	±2.5	PASS
			LCH	VN	-30	-0.99	-0.0012	±2.5	PASS
					-20	-0.64	-0.00077	±2.5	PASS
					-10	0.84	0.00102	±2.5	PASS
					0	-0.47	-0.00057	±2.5	PASS
					10	-0.37	-0.00045	±2.5	PASS
					20	-0.23	-0.00028	±2.5	PASS
					30	-0.76	-0.00092	±2.5	PASS
					40	-1.02	-0.00123	±2.5	PASS
			MCH	VN	50	-0.13	-0.00016	±2.5	PASS
					-30	1.19	0.00142	±2.5	PASS
					-20	1.19	0.00142	±2.5	PASS
					-10	0.31	0.00037	±2.5	PASS
					0	-0.40	-0.00048	±2.5	PASS
					10	0.31	0.00037	±2.5	PASS
					20	1.07	0.00128	±2.5	PASS
			30	0.33	0.00039	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	1.85	0.00221	±2.5	PASS
					50	1.83	0.00219	±2.5	PASS
			HCH	VN	-30	-2.63	-0.00311	±2.5	PASS
					-20	-2.00	-0.00236	±2.5	PASS
					-10	-3.23	-0.00382	±2.5	PASS
					0	-3.06	-0.00361	±2.5	PASS
					10	-1.52	-0.0018	±2.5	PASS
					20	-1.70	-0.00201	±2.5	PASS
					30	-2.23	-0.00263	±2.5	PASS
					40	-1.69	-0.002	±2.5	PASS
			50	-1.39	-0.00164	±2.5	PASS		
			LCH	VN	-30	0.87	0.00105	±2.5	PASS
					-20	0.70	0.00084	±2.5	PASS
					-10	0.77	0.00093	±2.5	PASS
		0			0.93	0.00112	±2.5	PASS	
		10			-0.04	-0.00005	±2.5	PASS	
		20			-0.47	-0.00057	±2.5	PASS	
		30			1.69	0.00204	±2.5	PASS	
		40			0.23	0.00028	±2.5	PASS	
		50	1.07	0.00129	±2.5	PASS			
		MCH	VN	-30	0.30	0.00036	±2.5	PASS	
				-20	0.44	0.00053	±2.5	PASS	
				-10	0.60	0.00072	±2.5	PASS	
				0	1.92	0.0023	±2.5	PASS	
				10	0.89	0.00106	±2.5	PASS	
				20	0.82	0.00098	±2.5	PASS	
				30	1.37	0.00164	±2.5	PASS	
				40	1.52	0.00182	±2.5	PASS	
		50	1.69	0.00202	±2.5	PASS			
		HCH	VN	-30	0.77	0.00091	±2.5	PASS	
				-20	0.11	0.00013	±2.5	PASS	
				-10	0.49	0.00058	±2.5	PASS	
				0	1.24	0.00147	±2.5	PASS	
				10	1.06	0.00126	±2.5	PASS	
				20	1.46	0.00173	±2.5	PASS	
				30	0.63	0.00075	±2.5	PASS	
				40	1.24	0.00147	±2.5	PASS	
		50	0.92	0.00109	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND12	LTE/TM1	1.4	LCH	VN	-30	-3.52	-0.00206	±2.5	PASS
					-20	-2.63	-0.00154	±2.5	PASS
					-10	-3.13	-0.00241	±2.5	PASS
					0	-4.59	-0.00268	±2.5	PASS
					10	-3.58	-0.00209	±2.5	PASS
					20	-3.60	-0.0021	±2.5	PASS
					30	-2.12	-0.00124	±2.5	PASS
					40	-5.02	-0.00293	±2.5	PASS
					50	-3.66	-0.00214	±2.5	PASS
			MCH	VN	-30	2.75	0.00159	±2.5	PASS
					-20	2.23	0.00129	±2.5	PASS
					-10	2.55	0.00147	±2.5	PASS
					0	1.46	0.00084	±2.5	PASS
					10	2.16	0.00125	±2.5	PASS
					20	3.43	0.00198	±2.5	PASS
					30	1.96	0.00113	±2.5	PASS
					40	0.66	0.00038	±2.5	PASS
					50	2.86	0.00165	±2.5	PASS
		HCH	VN	-30	-4.72	-0.00269	±2.5	PASS	
				-20	-0.97	-0.00055	±2.5	PASS	
				-10	-2.12	-0.00178	±2.5	PASS	
				0	-2.83	-0.00161	±2.5	PASS	
				10	-1.09	-0.00062	±2.5	PASS	
				20	-2.59	-0.00148	±2.5	PASS	
				30	-1.10	-0.00063	±2.5	PASS	
				40	-0.97	-0.00055	±2.5	PASS	
				50	-1.53	-0.00087	±2.5	PASS	
		3	LCH	VN	-30	-4.22	-0.00247	±2.5	PASS
					-20	-0.03	-0.00002	±2.5	PASS
					-10	-3.29	-0.00192	±2.5	PASS
					0	-0.79	-0.00046	±2.5	PASS
					10	-1.59	-0.00093	±2.5	PASS
					20	-3.23	-0.00189	±2.5	PASS
					30	-3.62	-0.00212	±2.5	PASS
					40	-3.26	-0.0019	±2.5	PASS
					50	-2.29	-0.00134	±2.5	PASS
MCH	VN		-30	-0.24	-0.00014	±2.5	PASS		
			-20	2.62	0.00151	±2.5	PASS		
			-10	-0.50	-0.00029	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					0	0.86	0.0005	±2.5	PASS		
					10	2.55	0.00147	±2.5	PASS		
					20	1.73	0.001	±2.5	PASS		
					30	0.44	0.00025	±2.5	PASS		
					40	-0.30	-0.00017	±2.5	PASS		
					50	1.87	0.00108	±2.5	PASS		
			HCH	VN	-30	-5.72	-0.00326	±2.5	PASS		
					-20	-6.24	-0.00356	±2.5	PASS		
					-10	-6.82	-0.00389	±2.5	PASS		
					0	-6.54	-0.00373	±2.5	PASS		
					10	-5.52	-0.00315	±2.5	PASS		
					20	-7.28	-0.00415	±2.5	PASS		
			LCH	VN	30	-6.92	-0.00395	±2.5	PASS		
					40	-5.74	-0.00327	±2.5	PASS		
					50	-4.05	-0.00231	±2.5	PASS		
					-30	-5.95	-0.00347	±2.5	PASS		
					-20	-5.62	-0.00328	±2.5	PASS		
					-10	-6.44	-0.00376	±2.5	PASS		
		MCH	VN	0	-6.47	-0.00378	±2.5	PASS			
				10	-5.48	-0.0032	±2.5	PASS			
				20	-4.03	-0.00235	±2.5	PASS			
				30	-6.38	-0.00373	±2.5	PASS			
				40	-4.25	-0.00248	±2.5	PASS			
				50	-3.89	-0.00227	±2.5	PASS			
		HCH	VN	-30	2.07	0.00119	±2.5	PASS			
				-20	1.34	0.00077	±2.5	PASS			
				-10	0.39	0.00023	±2.5	PASS			
				0	-0.84	-0.00048	±2.5	PASS			
				10	1.16	0.00067	±2.5	PASS			
				20	-0.41	-0.00024	±2.5	PASS			
				5			30	2.55	0.00147	±2.5	PASS
							40	0.93	0.00054	±2.5	PASS
							50	0.99	0.00057	±2.5	PASS
							-30	-3.79	-0.00216	±2.5	PASS
							-20	-5.32	-0.00304	±2.5	PASS
							-10	-1.09	-0.00062	±2.5	PASS
					HCH	VN	0	-3.12	-0.00235	±2.5	PASS
							10	-4.22	-0.00241	±2.5	PASS
							20	-5.66	-0.00323	±2.5	PASS
							30	-5.39	-0.00308	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		10	LCH	VN	40	-1.80	-0.00103	±2.5	PASS
					50	-2.96	-0.00169	±2.5	PASS
					-30	-0.09	-0.00005	±2.5	PASS
					-20	0.84	0.00049	±2.5	PASS
					-10	1.20	0.0007	±2.5	PASS
					0	-0.06	-0.00003	±2.5	PASS
					10	-0.74	-0.00043	±2.5	PASS
					20	-0.49	-0.00029	±2.5	PASS
					30	0.16	0.00009	±2.5	PASS
					40	-0.83	-0.00048	±2.5	PASS
			50	0.36	0.00021	±2.5	PASS		
			MCH	VN	-30	3.46	0.002	±2.5	PASS
					-20	1.27	0.00073	±2.5	PASS
					-10	3.00	0.00173	±2.5	PASS
					0	3.00	0.00173	±2.5	PASS
					10	1.02	0.00059	±2.5	PASS
					20	0.19	0.00011	±2.5	PASS
					30	-0.89	-0.00051	±2.5	PASS
					40	-0.47	-0.00027	±2.5	PASS
					50	0.27	0.00016	±2.5	PASS
					HCH	VN	-30	3.76	0.00215
			-20	4.62			0.00264	±2.5	PASS
			-10	3.89			0.00222	±2.5	PASS
			0	1.60			0.00091	±2.5	PASS
			10	4.38			0.0025	±2.5	PASS
			20	3.85			0.0022	±2.5	PASS
			30	4.32			0.00247	±2.5	PASS
			40	3.26			0.00186	±2.5	PASS
			50	3.32			0.0019	±2.5	PASS
			LCH	VN			-30	-2.98	-0.00174
	-20	-4.79			-0.0028	±2.5	PASS		
	-10	-7.57			-0.00443	±2.5	PASS		
	0	-7.00			-0.00409	±2.5	PASS		
	10	-3.86			-0.00226	±2.5	PASS		
	20	-3.33			-0.00195	±2.5	PASS		
	30	-4.65			-0.00272	±2.5	PASS		
	40	-6.42			-0.00375	±2.5	PASS		
	50	-2.85			-0.00167	±2.5	PASS		
	MCH	VN			-30	0.96	0.00055	±2.5	PASS
			-20	1.54	0.00089	±2.5	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict		
					-10	1.16	0.00067	±2.5	PASS		
					0	3.06	0.00177	±2.5	PASS		
					10	1.63	0.00094	±2.5	PASS		
					20	0.77	0.00044	±2.5	PASS		
					30	2.69	0.00155	±2.5	PASS		
					40	-1.52	-0.00088	±2.5	PASS		
					50	1.42	0.00082	±2.5	PASS		
					HCH	VN	-30	-6.59	-0.00376	±2.5	PASS
							-20	-4.33	-0.00247	±2.5	PASS
							-10	-2.43	-0.00139	±2.5	PASS
							0	-3.11	-0.00234	±2.5	PASS
							10	-5.02	-0.00286	±2.5	PASS
			20	-5.82			-0.00332	±2.5	PASS		
			30	-3.79			-0.00216	±2.5	PASS		
			40	-4.62			-0.00263	±2.5	PASS		
			50	-4.42			-0.00252	±2.5	PASS		
			LCH	VN			-30	-4.49	-0.00262	±2.5	PASS
							-20	-2.36	-0.00138	±2.5	PASS
							-10	-4.95	-0.00289	±2.5	PASS
					0	-5.42	-0.00317	±2.5	PASS		
					10	-4.68	-0.00273	±2.5	PASS		
					20	-6.04	-0.00353	±2.5	PASS		
					30	-5.71	-0.00334	±2.5	PASS		
					40	-6.69	-0.00391	±2.5	PASS		
		50			-5.26	-0.00307	±2.5	PASS			
		MCH			VN	-30	-0.41	-0.00024	±2.5	PASS	
						-20	0.59	0.00034	±2.5	PASS	
						-10	-1.79	-0.00103	±2.5	PASS	
			0	-0.69		-0.0004	±2.5	PASS			
			10	0.44		0.00025	±2.5	PASS			
			20	-0.20		-0.00012	±2.5	PASS			
			30	0.87		0.0005	±2.5	PASS			
			40	-1.53		-0.00088	±2.5	PASS			
			50	1.19		0.00069	±2.5	PASS			
			HCH	VN		-30	-8.83	-0.00504	±2.5	PASS	
						-20	-8.67	-0.00494	±2.5	PASS	
						-10	-6.68	-0.00381	±2.5	PASS	
		0			-7.94	-0.00453	±2.5	PASS			
		10			-7.71	-0.0044	±2.5	PASS			
		20			-6.15	-0.00408	±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict	
		5		VN	30	-9.04	-0.00516	±2.5	PASS	
					40	-7.97	-0.00455	±2.5	PASS	
					50	-5.91	-0.00337	±2.5	PASS	
			LCH		VN	-30	-2.49	-0.00145	±2.5	PASS
						-20	-4.88	-0.00285	±2.5	PASS
						-10	-2.69	-0.00157	±2.5	PASS
						0	-2.92	-0.00171	±2.5	PASS
						10	-3.86	-0.00225	±2.5	PASS
						20	-3.25	-0.0019	±2.5	PASS
		30		-4.23		-0.00247	±2.5	PASS		
		40		-3.73		-0.00218	±2.5	PASS		
		50		-4.62		-0.0027	±2.5	PASS		
		MCH	VN	-30	1.53	0.00088	±2.5	PASS		
				-20	2.75	0.00159	±2.5	PASS		
				-10	1.92	0.00111	±2.5	PASS		
				0	2.42	0.0014	±2.5	PASS		
				10	4.28	0.00247	±2.5	PASS		
				20	3.71	0.00214	±2.5	PASS		
				30	2.52	0.00145	±2.5	PASS		
				40	3.52	0.00203	±2.5	PASS		
				50	3.08	0.00178	±2.5	PASS		
		HCH	VN	-30	-4.96	-0.00283	±2.5	PASS		
				-20	-1.47	-0.00084	±2.5	PASS		
				-10	-2.18	-0.00181	±2.5	PASS		
				0	-1.59	-0.00091	±2.5	PASS		
				10	-3.58	-0.00204	±2.5	PASS		
				20	-3.91	-0.00223	±2.5	PASS		
				30	-2.82	-0.00161	±2.5	PASS		
				40	-2.26	-0.00129	±2.5	PASS		
				50	-2.49	-0.00142	±2.5	PASS		
		10	LCH	VN	-30	-0.31	-0.00018	±2.5	PASS	
					-20	0.20	0.00012	±2.5	PASS	
					-10	-1.36	-0.00079	±2.5	PASS	
					0	-0.90	-0.00052	±2.5	PASS	
					10	-1.07	-0.00062	±2.5	PASS	
					20	0.17	0.0001	±2.5	PASS	
					30	-0.34	-0.0002	±2.5	PASS	
					40	1.19	0.00069	±2.5	PASS	
					50	-0.11	-0.00006	±2.5	PASS	
			MCH	VN	-30	2.13	0.00123	±2.5	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					-20	1.60	0.00092	±2.5	PASS
					-10	1.65	0.00095	±2.5	PASS
					0	2.30	0.00133	±2.5	PASS
					10	0.23	0.00013	±2.5	PASS
					20	1.40	0.00081	±2.5	PASS
					30	1.87	0.00108	±2.5	PASS
					40	1.56	0.0009	±2.5	PASS
					50	1.04	0.0006	±2.5	PASS
			HCH	VN	-30	1.87	0.00107	±2.5	PASS
					-20	2.66	0.00152	±2.5	PASS
					-10	2.02	0.00115	±2.5	PASS
					0	1.79	0.00102	±2.5	PASS
					10	2.10	0.0012	±2.5	PASS
					20	2.19	0.00125	±2.5	PASS
					30	3.72	0.00213	±2.5	PASS
					40	2.10	0.0012	±2.5	PASS
50	2.52	0.00144	±2.5	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
BAND17	LTE/TM1	5	LCH	VN	-30	-5.46	-0.00773	±2.5	PASS
					-20	-0.83	-0.00117	±2.5	PASS
					-10	-2.20	-0.00311	±2.5	PASS
					0	-0.84	-0.00119	±2.5	PASS
					10	0.29	0.00041	±2.5	PASS
					20	-2.16	-0.00306	±2.5	PASS
					30	-3.33	-0.00471	±2.5	PASS
					40	-1.65	-0.00234	±2.5	PASS
			50	-4.41	-0.00624	±2.5	PASS		
			MCH	VN	-30	-1.07	-0.00151	±2.5	PASS
					-20	-1.27	-0.00179	±2.5	PASS
					-10	-1.07	-0.00151	±2.5	PASS
					0	-3.32	-0.00468	±2.5	PASS
					10	-2.29	-0.00323	±2.5	PASS
					20	-3.42	-0.00482	±2.5	PASS
					30	-1.62	-0.00228	±2.5	PASS
40	1.02	0.00144			±2.5	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict					
			HCH	VN	50	-0.34	-0.00048	±2.5	PASS					
					-30	-1.49	-0.00209	±2.5	PASS					
					-20	-1.67	-0.00234	±2.5	PASS					
					-10	-8.40	-0.01177	±2.5	PASS					
					0	2.20	0.00308	±2.5	PASS					
					10	-0.69	-0.00097	±2.5	PASS					
					20	-2.63	-0.00369	±2.5	PASS					
					30	-1.36	-0.00191	±2.5	PASS					
					40	-0.94	-0.00132	±2.5	PASS					
					50	-1.66	-0.00233	±2.5	PASS					
						LCH	VN	-30	-0.93	-0.00131	±2.5	PASS		
								-20	-2.07	-0.00292	±2.5	PASS		
								-10	-1.75	-0.00247	±2.5	PASS		
								0	1.70	0.0024	±2.5	PASS		
								10	-2.56	-0.00361	±2.5	PASS		
								20	6.34	0.00894	±2.5	PASS		
								30	1.92	0.00271	±2.5	PASS		
								40	0.84	0.00118	±2.5	PASS		
		50						0.34	0.00048	±2.5	PASS			
								MCH	VN	-30	-0.96	-0.00135	±2.5	PASS
										-20	5.29	0.00745	±2.5	PASS
										-10	8.68	0.01223	±2.5	PASS
										0	6.45	0.00908	±2.5	PASS
										10	4.06	0.00572	±2.5	PASS
										20	0.62	0.00087	±2.5	PASS
										30	3.76	0.0053	±2.5	PASS
										40	0.77	0.00108	±2.5	PASS
										50	1.36	0.00192	±2.5	PASS
					HCH	VN	-30	-1.17	-0.00165	±2.5	PASS			
							-20	0.83	0.00117	±2.5	PASS			
							-10	5.25	0.00738	±2.5	PASS			
							0	-2.75	-0.00387	±2.5	PASS			
							10	2.27	0.00319	±2.5	PASS			
							20	-1.36	-0.00191	±2.5	PASS			
							30	1.86	0.00262	±2.5	PASS			
							40	4.19	0.0073	±2.5	PASS			
							50	2.00	0.00281	±2.5	PASS			
		LTE/TM2	5	LCH	VN	-30	0.00	0	±2.5	PASS				
						-20	-0.19	-0.00027	±2.5	PASS				
						-10	-7.55	-0.01069	±2.5	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
		10			0	-1.02	-0.00144	±2.5	PASS
					10	-2.45	-0.00347	±2.5	PASS
					20	-4.66	-0.0066	±2.5	PASS
					30	-2.20	-0.00311	±2.5	PASS
					40	-7.61	-0.01077	±2.5	PASS
					50	1.02	0.00144	±2.5	PASS
			MCH	VN	-30	-1.39	-0.00196	±2.5	PASS
					-20	-0.86	-0.00121	±2.5	PASS
					-10	-0.43	-0.00061	±2.5	PASS
					0	-1.10	-0.00155	±2.5	PASS
					10	-1.43	-0.00201	±2.5	PASS
					20	-5.34	-0.00752	±2.5	PASS
					30	-0.46	-0.00065	±2.5	PASS
					40	-1.37	-0.00193	±2.5	PASS
			HCH	VN	-30	-1.22	-0.00171	±2.5	PASS
					-20	-1.57	-0.0022	±2.5	PASS
					-10	-0.72	-0.00101	±2.5	PASS
					0	-10.16	-0.01424	±2.5	PASS
					10	-2.07	-0.0029	±2.5	PASS
					20	-1.85	-0.00259	±2.5	PASS
					30	-0.60	-0.00084	±2.5	PASS
					40	-0.46	-0.00064	±2.5	PASS
			LCH	VN	-30	-1.43	-0.00202	±2.5	PASS
					-20	-2.86	-0.00403	±2.5	PASS
					-10	-5.97	-0.00842	±2.5	PASS
					0	-2.36	-0.00333	±2.5	PASS
					10	-10.60	-0.01495	±2.5	PASS
					20	-4.53	-0.00639	±2.5	PASS
					30	-3.56	-0.00502	±2.5	PASS
					40	-3.46	-0.00488	±2.5	PASS
			MCH	VN	-30	-5.65	-0.00796	±2.5	PASS
					-20	-6.92	-0.00975	±2.5	PASS
					-10	-4.09	-0.00576	±2.5	PASS
					0	-4.43	-0.00624	±2.5	PASS
					10	-5.78	-0.00814	±2.5	PASS
					20	-5.12	-0.00862	±2.5	PASS
					30	-3.83	-0.00539	±2.5	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Limit [dBm]	Verdict
					40	-2.59	-0.00365	±2.5	PASS
					50	-0.70	-0.00099	±2.5	PASS
			HCH	VN	-30	-1.50	-0.00211	±2.5	PASS
					-20	-5.99	-0.00842	±2.5	PASS
					-10	-4.21	-0.00592	±2.5	PASS
					0	-4.56	-0.00641	±2.5	PASS
					10	-1.62	-0.00228	±2.5	PASS
					20	0.60	0.00084	±2.5	PASS
					30	-3.35	-0.00471	±2.5	PASS
					40	-5.18	-0.00869	±2.5	PASS
					50	2.56	0.0036	±2.5	PASS

END