



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
	LTE/TM2		HCH	TN	VL	-1.70	-0.00201	PASS	
					VN	-1.24	-0.00147	PASS	
					VH	-0.56	-0.00066	PASS	
		1.4	LCH	TN	VL	1.90	0.0023	PASS	
					VN	2.35	0.00285	PASS	
					VH	-1.69	-0.00205	PASS	
			MCH	TN	VL	11.23	0.01342	PASS	
					VN	3.00	0.00359	PASS	
					VH	-2.88	-0.00344	PASS	
			HCH	TN	VL	12.63	0.01489	PASS	
					VN	-9.71	-0.01145	PASS	
					VH	6.74	0.00795	PASS	
			3	LCH	TN	VL	-19.91	-0.02412	PASS
						VN	-21.76	-0.02636	PASS
						VH	-18.35	-0.02223	PASS
		MCH		TN	VL	4.96	0.00593	PASS	
					VN	-1.54	-0.00184	PASS	
					VH	-7.81	-0.00934	PASS	
		HCH		TN	VL	5.21	0.00615	PASS	
					VN	3.98	0.0047	PASS	
					VH	6.54	0.00772	PASS	
		5	LCH	TN	VL	15.09	0.01826	PASS	
					VN	0.46	0.00056	PASS	
					VH	-0.10	-0.00012	PASS	
			MCH	TN	VL	-3.10	-0.00371	PASS	
					VN	-0.31	-0.00037	PASS	
					VH	0.37	0.00044	PASS	
			HCH	TN	VL	17.32	0.02046	PASS	
					VN	14.71	0.01738	PASS	
					VH	21.13	0.02496	PASS	
		10	LCH	TN	VL	-55.35	-0.06677	PASS	
					VN	-0.31	-0.00037	PASS	
					VH	-24.50	-0.02955	PASS	
			MCH	TN	VL	2.95	0.00353	PASS	
					VN	-42.70	-0.05105	PASS	
					VH	-93.80	-0.11213	PASS	
			HCH	TN	VL	-1.07	-0.00127	PASS	
					VN	0.31	0.00037	PASS	
					VH	-3.85	-0.00456	PASS	

## 8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND5	LTE/TM1	1.4	LCH	VN	-30	-6.22	-0.00754	PASS
					-20	-14.05	-0.01704	PASS
					-10	8.14	0.00987	PASS
					0	-3.78	-0.00458	PASS
					10	-7.10	-0.00861	PASS
					20	-11.92	-0.01445	PASS
					30	-5.65	-0.00685	PASS
					40	4.48	0.00543	PASS
			50	-12.13	-0.01471	PASS		
			MCH	VN	-30	-0.30	-0.00036	PASS
					-20	-3.38	-0.00404	PASS
					-10	25.49	0.03047	PASS
					0	-7.64	-0.00913	PASS
					10	-2.56	-0.00306	PASS
					20	7.60	0.00909	PASS
					30	2.02	0.00241	PASS
		40			3.71	0.00444	PASS	
		HCH	VN	-30	-8.55	-0.01008	PASS	
				-20	0.29	0.00034	PASS	
				-10	-4.55	-0.00536	PASS	
				0	-14.09	-0.01661	PASS	
				10	-26.41	-0.03113	PASS	
				20	-16.04	-0.01891	PASS	
				30	4.29	0.00506	PASS	
				40	12.16	0.01433	PASS	
		3	LCH	VN	-30	-4.89	-0.00592	PASS
					-20	-18.97	-0.02298	PASS
					-10	-2.12	-0.00257	PASS
					0	-18.75	-0.02271	PASS
					10	8.38	0.01015	PASS
					20	-14.16	-0.01715	PASS
					30	12.52	0.01517	PASS
40	-4.89				-0.00592	PASS		
50	-8.88		-0.01076	PASS				
MCH	VN		-30	0.43	0.00051	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	8.65	0.01034	PASS		
					-10	-1.26	-0.00151	PASS		
					0	2.59	0.0031	PASS		
					10	-3.96	-0.00473	PASS		
					20	-4.38	-0.00524	PASS		
					30	-1.22	-0.00146	PASS		
					40	-0.92	-0.0011	PASS		
					50	-2.02	-0.00241	PASS		
			HCH	VN	-30	-6.31	-0.00745	PASS		
					-20	12.77	0.01507	PASS		
					-10	-12.45	-0.01469	PASS		
					0	4.79	0.00565	PASS		
					10	4.55	0.00537	PASS		
					20	4.85	0.00572	PASS		
					30	-6.90	-0.00814	PASS		
					40	6.81	0.00804	PASS		
			LCH	VN	-30	2.32	0.00281	PASS		
					-20	-0.06	-0.00007	PASS		
					-10	-5.91	-0.00715	PASS		
					0	1.27	0.00154	PASS		
		10			-0.49	-0.00059	PASS			
		20			-1.13	-0.00137	PASS			
		30			-8.61	-0.01041	PASS			
		40			-2.29	-0.00277	PASS			
		MCH	VN	-30	-1.63	-0.00195	PASS			
				-20	-0.20	-0.00024	PASS			
				-10	-1.50	-0.00179	PASS			
				0	-3.09	-0.00367	PASS			
				10	-0.06	-0.00005	PASS			
				20	-1.54	-0.00184	PASS			
				30	-1.36	-0.00163	PASS			
				40	-1.73	-0.00207	PASS			
		HCH	VN	50	-2.23	-0.00267	PASS			
				-30	1.44	0.0017	PASS			
				-20	-23.37	-0.02761	PASS			
				-10	-0.47	-0.00056	PASS			
							0	16.48	0.01947	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			10	2.12	0.0025	PASS
					20	-16.29	-0.01924	PASS
					30	-7.82	-0.00923	PASS
					40	-7.64	-0.00903	PASS
					50	-1.57	-0.00185	PASS
			LCH	VN	-30	84.49	0.10191	PASS
					-20	-8.60	-0.01035	PASS
					-10	-68.01	-0.08204	PASS
					0	28.22	0.03404	PASS
					10	2.43	0.00293	PASS
					20	33.13	0.03996	PASS
					30	-43.17	-0.05207	PASS
					40	-18.34	-0.02212	PASS
					50	25.75	0.03106	PASS
					MCH	VN	-30	0.10
		-20	-0.40	-0.00048			PASS	
		-10	55.46	0.0663			PASS	
		0	56.66	0.06773			PASS	
		10	173.54	0.20746			PASS	
		20	39.10	0.04674			PASS	
		30	0.24	0.00029			PASS	
	40	215.98	0.25819	PASS				
	HCH	VN	50	0.09	0.00011	PASS		
			-30	2.55	0.00302	PASS		
			-20	4.12	0.00488	PASS		
			-10	6.84	0.0081	PASS		
			0	11.20	0.01327	PASS		
			10	-2.59	-0.00307	PASS		
			20	-21.60	-0.02559	PASS		
	LCH	VN	30	-5.54	-0.00656	PASS		
			40	-61.83	-0.07326	PASS		
			50	7.87	0.00932	PASS		
			-30	-1.42	-0.00172	PASS		
-20			9.56	0.01159	PASS			
-10			9.88	0.01198	PASS			
0			-8.13	-0.00986	PASS			
10	7.18	0.00871	PASS					
20	0.87	0.00105	PASS					
30	0.50	0.00061	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	0.13	0.00016	PASS	
					50	-3.53	-0.00428	PASS	
			MCH	VN	-30	-10.70	-0.01279	PASS	
					-20	-10.14	-0.01212	PASS	
					-10	1.99	0.00238	PASS	
					0	6.47	0.00773	PASS	
					10	-19.08	-0.02283	PASS	
					20	-3.58	-0.00428	PASS	
					30	-3.71	-0.00443	PASS	
					40	3.03	0.00364	PASS	
					50	-16.12	-0.01927	PASS	
					HCH	VN	-30	9.70	0.01143
			-20	0.36			0.00042	PASS	
			-10	6.52			0.00769	PASS	
			0	8.34			0.00983	PASS	
			10	4.88			0.00575	PASS	
			20	-40.30			-0.04751	PASS	
			30	-5.14			-0.00606	PASS	
		40	-16.49	-0.01944			PASS		
		3		LCH	VN	-30	-6.85	-0.0083	PASS
						-20	-10.97	-0.01329	PASS
						-10	6.88	0.00833	PASS
						0	1.20	0.00145	PASS
						10	-33.00	-0.03998	PASS
						20	-5.91	-0.00716	PASS
						30	7.64	0.00925	PASS
						40	-0.16	-0.00019	PASS
						50	40.15	0.04864	PASS
				MCH	VN	-30	12.89	0.01541	PASS
						-20	-2.23	-0.00267	PASS
						-10	-5.49	-0.00656	PASS
						0	-2.15	-0.00257	PASS
						10	-4.85	-0.0058	PASS
						20	0.96	0.00115	PASS
						30	-1.44	-0.00172	PASS
						40	-2.17	-0.00259	PASS
50	4.16					0.00497	PASS		
HCH	VN	-30	-3.38	-0.00399	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.37	-0.00162	PASS		
					-10	-2.37	-0.0028	PASS		
					0	-3.88	-0.00458	PASS		
					10	1.12	0.00132	PASS		
					20	4.15	0.0049	PASS		
					30	11.50	0.01357	PASS		
					40	-11.03	-0.01301	PASS		
					50	-6.54	-0.00772	PASS		
		5	LCH	VN	-30	-3.16	-0.00382	PASS		
					-20	-1.72	-0.00208	PASS		
					-10	4.86	0.00588	PASS		
					0	0.14	0.00017	PASS		
					10	-2.68	-0.00324	PASS		
					20	-7.93	-0.00959	PASS		
					30	8.20	0.00992	PASS		
					40	-0.80	-0.00097	PASS		
					50	-0.14	-0.00017	PASS		
					MCH	VN	-30	0.40	0.00048	PASS
							-20	-2.69	-0.00322	PASS
							-10	-1.09	-0.0013	PASS
			0	-2.07			-0.00247	PASS		
			10	1.07			0.00128	PASS		
			20	-2.98			-0.00356	PASS		
			30	0.60			0.00072	PASS		
			40	-0.67			-0.0008	PASS		
			50	-3.36			-0.00402	PASS		
			HCH	VN			-30	7.45	0.0088	PASS
							-20	3.75	0.00443	PASS
							-10	-4.79	-0.00566	PASS
					0	-0.21	-0.00025	PASS		
					10	-4.62	-0.00546	PASS		
					20	-0.13	-0.00015	PASS		
		30			1.80	0.00213	PASS			
		40			-3.76	-0.00444	PASS			
		10	LCH	VN	-30	-19.21	-0.02317	PASS		
					-20	10.29	0.01241	PASS		
-10	-29.03				-0.03502	PASS				
0	10.90				0.01315	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp .	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-13.72	-0.01655	PASS		
					20	-21.01	-0.02534	PASS		
					30	-4.38	-0.00528	PASS		
					40	36.18	0.04364	PASS		
					50	21.36	0.02576	PASS		
			MCH	VN	-30	-0.21	-0.00025	PASS		
							-20	-336.47	-0.40223	PASS
							-10	-0.39	-0.00047	PASS
							0	-127.26	-0.15211	PASS
							10	-198.96	-0.23785	PASS
							20	46.86	0.05602	PASS
							30	58.88	0.07037	PASS
							40	-88.53	-0.10583	PASS
			HCH	VN	50	-0.43	-0.00051	PASS		
							-30	3.58	0.00423	PASS
							-20	-3.28	-0.00389	PASS
							-10	1.32	0.00154	PASS
							0	1.42	0.00167	PASS
							10	-1.92	-0.00228	PASS
							20	-2.22	-0.00264	PASS
							30	-5.97	-0.00708	PASS
					40	-0.37	-0.00042	PASS		
					50	-0.96	-0.00115	PASS		

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END