



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	12.41256	0.04729	PASS
			HCH	TN	VL	1.97546	0.00812	PASS
					VN	30.52711	0.03617	PASS
					VH	8.436712	0.05365	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	-47.16396	-0.05719	PASS
					-20	11.12938	0.01350	PASS
					-10	-39.18171	-0.04751	PASS
					0	-119.13300	-0.14446	PASS
					10	70.08076	0.08498	PASS
					20	-38.52367	-0.04671	PASS
					30	-73.77148	-0.08945	PASS
					40	76.37501	0.09261	PASS
					50	112.65280	0.13660	PASS
			MCH	VN	-30	-146.51300	-0.17515	PASS
					-20	36.09180	0.04315	PASS
					-10	-137.82980	-0.16477	PASS
					0	87.83340	0.10500	PASS
					10	110.40690	0.13199	PASS
					20	-20.99991	-0.02510	PASS
					30	128.23100	0.15329	PASS
					40	56.92005	0.06805	PASS
					50	3.77655	0.00451	PASS
		HCH	VN	-30	-3.34740	-0.00395	PASS	
				-20	8.86917	0.01046	PASS	
				-10	-6.89506	-0.00813	PASS	
				0	-154.76700	-0.18244	PASS	
				10	-14.09054	-0.01661	PASS	
				20	-321.80790	-0.37936	PASS	
				30	8.42571	0.00993	PASS	
				40	-1.65939	-0.00196	PASS	
				50	-10.24246	-0.01207	PASS	
		3	LCH	VN	-30	0.02861	0.00003	PASS
					-20	5.14984	0.00624	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	7.71046	0.00934	PASS	
					0	0.67234	0.00081	PASS	
					10	-1.21593	-0.00147	PASS	
					20	-5.95093	-0.00721	PASS	
					30	9.24110	0.01119	PASS	
					40	-7.7432	-0.02171	PASS	
					50	-5.43594	-0.00659	PASS	
			MCH	VN	-30	168.94340	0.20196	PASS	
					-20	5.92232	0.00708	PASS	
					-10	1.33038	0.00159	PASS	
					0	0.71526	0.00086	PASS	
					10	-2.31743	-0.00277	PASS	
					20	4.00543	0.00479	PASS	
					30	3.54767	0.00424	PASS	
			HCH	VN	-30	-1.10149	-0.00130	PASS	
					-20	-1.61648	-0.00191	PASS	
					-10	0.32902	0.00039	PASS	
					0	0.24319	0.00029	PASS	
					10	-1.30721	-0.00191	PASS	
					20	60.85396	0.07180	PASS	
					30	0.00000	0.00000	PASS	
			5	LCH	VN	-30	-1.13010	-0.00137	PASS
						-20	-1.45912	-0.00177	PASS
						-10	-2.86102	-0.00346	PASS
						0	6.48022	0.00784	PASS
						10	-2.33173	-0.00282	PASS
						20	-0.21458	-0.00026	PASS
						30	-0.64373	-0.00078	PASS
						40	20.14236	0.29136	PASS
						50	49.32404	0.05968	PASS
						MCH	VN	-30	506.48690
			-20	0.48637	0.00058			PASS	
			-10	13.33237	0.01594			PASS	
			0	24.90520	0.02977			PASS	
			10	36.47804	0.04361			PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					20	45.44735	0.05433	PASS
					30	-0.65804	-0.00079	PASS
					40	207.10950	0.24759	PASS
					50	1234.97500	1.47636	PASS
			HCH	VN	-30	0.61512	0.00073	PASS
					-20	0.62943	0.00074	PASS
					-10	0.21458	0.00025	PASS
					0	2.10285	0.00248	PASS
					10	1.87397	0.00221	PASS
					20	-34.94740	-0.04128	PASS
			LCH	VN	30	-0.65804	-0.00078	PASS
					40	-0.25749	-0.00030	PASS
					50	0.20027	0.00024	PASS
					-30	-72.32666	-0.08725	PASS
		-20			-0.20027	-0.00024	PASS	
		-10			17.92431	0.02162	PASS	
		MCH	VN	0	-110.56420	-0.13337	PASS	
				10	-229.79740	-0.27720	PASS	
				20	-104.64190	-0.12623	PASS	
				30	191.54550	0.23106	PASS	
				40	34.51824	0.04164	PASS	
				50	68.04943	0.08209	PASS	
				-30	0.498156	0.00171	PASS	
				-20	-6.80924	-0.00814	PASS	
		HCH	VN	-10	-167.81330	-0.20061	PASS	
				0	-6.75201	-0.00807	PASS	
				10	59.73816	0.07141	PASS	
				20	-12.10213	-0.01447	PASS	
				30	18.85414	0.02254	PASS	
				40	318.98980	0.38134	PASS	
50	451.59820			0.53987	PASS			
-30	0.38624			0.00046	PASS			
-20	-14.34803	-0.01700	PASS					
-10	3.66211	0.00434	PASS					
0	-1.23694	-0.01827	PASS					
10	-18.25333	-0.02163	PASS					
20	-3.94269	-0.03132	PASS					
30	1.45912	0.00173	PASS					



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	40	24.89090	0.02949	PASS
					50	7.25269	0.00859	PASS
					-30	43.61629	0.05289	PASS
					-20	-122.19430	-0.14817	PASS
					-10	52.97184	0.06423	PASS
					0	45.24708	0.05486	PASS
					10	-22.15862	-0.02687	PASS
					20	-34.54685	-0.04189	PASS
					30	149.44550	0.18121	PASS
					40	19.88411	0.02411	PASS
			50	15.56396	0.01887	PASS		
			MCH	VN	-30	-168.58580	-0.20154	PASS
					-20	68.22109	0.08156	PASS
					-10	-5.39303	-0.00645	PASS
					0	-152.89310	-0.18278	PASS
					10	-83.75645	-0.10013	PASS
					20	-119.36190	-0.14269	PASS
					30	38.15174	0.04561	PASS
		40			-5.50747	-0.00658	PASS	
		HCH	VN	50	-40.64083	-0.04858	PASS	
				-30	25.26283	0.02978	PASS	
				-20	8.25405	0.00973	PASS	
				-10	-2.74658	-0.00324	PASS	
				0	-14.73427	-0.01737	PASS	
				10	-6.36578	-0.00750	PASS	
				20	-419.58330	-0.49462	PASS	
		3	LCH	VN	30	-81.72512	-0.09634	PASS
					40	-17.06600	-0.02012	PASS
					50	64.18705	0.07567	PASS
					-30	3.79086	0.00459	PASS
					-20	8.71181	0.01055	PASS
					-10	4.33445	0.00525	PASS
					0	-4.11987	-0.00499	PASS
10	-3.84808				-0.00466	PASS		
20	-3.81947				-0.00463	PASS		
30	-2.21729				-0.00269	PASS		
MCH	VN		40	-1.16189	-0.03749	PASS		
			50	17.10892	0.02073	PASS		
					-30	-0.51498	-0.00062	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	2.27451	0.00272	PASS		
					-10	5.12123	0.00612	PASS		
					0	7.15256	0.00855	PASS		
					10	-1.11580	-0.00133	PASS		
					20	10.22816	0.01223	PASS		
					30	78.54939	0.09390	PASS		
					40	6.128936	0.08521	PASS		
					50	21.34323	0.02551	PASS		
			HCH	VN	-30	-3.76225	-0.00444	PASS		
					-20	2.26021	0.00267	PASS		
					-10	0.71526	0.00084	PASS		
					0	-1.45912	-0.00172	PASS		
					10	-3.32486	-0.01138	PASS		
					20	49.25251	0.05812	PASS		
					30	-0.54359	-0.00064	PASS		
					40	1.67370	0.00197	PASS		
			LCH	VN	-30	1.75953	0.00213	PASS		
					-20	-0.95844	-0.00116	PASS		
					-10	0.84400	0.00102	PASS		
					0	57.03449	0.06901	PASS		
		10			-1.31607	-0.00159	PASS			
		20			1.54495	0.00187	PASS			
		30			1.13010	0.00137	PASS			
		40			8.72653	0.04361	PASS			
		MCH	VN	-30	492.35340	0.58859	PASS			
				-20	2.83241	0.00339	PASS			
				-10	48.52295	0.05801	PASS			
				0	592.90410	0.70879	PASS			
				10	5.95093	0.00711	PASS			
				20	-0.35763	-0.00043	PASS			
				30	250.79730	0.29982	PASS			
				40	575.65210	0.68817	PASS			
		HCH	VN	-30	1.65939	0.00196	PASS			
				-20	0.18597	0.00022	PASS			
				-10	-0.47207	-0.00056	PASS			
				0	78.24898	0.09244	PASS			
		5					-30	1.75953	0.00213	PASS
							-20	-0.95844	-0.00116	PASS
							-10	0.84400	0.00102	PASS
							0	57.03449	0.06901	PASS
10	-1.31607						-0.00159	PASS		
20	1.54495						0.00187	PASS		
30	1.13010						0.00137	PASS		
40	8.72653						0.04361	PASS		
							-30	492.35340	0.58859	PASS
							-20	2.83241	0.00339	PASS
							-10	48.52295	0.05801	PASS
							0	592.90410	0.70879	PASS
					10	5.95093	0.00711	PASS		
					20	-0.35763	-0.00043	PASS		
					30	250.79730	0.29982	PASS		
					40	575.65210	0.68817	PASS		
					50	276.70380	0.33079	PASS		
					-30	1.65939	0.00196	PASS		
					-20	0.18597	0.00022	PASS		
					-10	-0.47207	-0.00056	PASS		
					0	78.24898	0.09244	PASS		



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					10	966.71100	1.14201	PASS			
					20	-77.16179	-0.09115	PASS			
					30	-0.08583	-0.00010	PASS			
					40	2.44618	0.00289	PASS			
					50	-0.22888	-0.00027	PASS			
					10	LCH	VN	-30	55.64690	0.06713	PASS
								-20	0.90122	0.00109	PASS
								-10	-51.71299	-0.06238	PASS
								0	-15.19203	-0.01833	PASS
								10	-114.25500	-0.13782	PASS
		20	-155.41080	-0.18747				PASS			
		30	5.69344	0.00687				PASS			
		40	-21.18587	-0.02556				PASS			
		50	36.89289	0.04450				PASS			
		10	MCH	VN				-30	7.72639	0.09723	PASS
					-20	-4.19140	-0.00501	PASS			
					-10	143.35160	0.17137	PASS			
					0	61.24020	0.07321	PASS			
					10	-150.47550	-0.17989	PASS			
					20	6.66618	0.00797	PASS			
					30	98.94848	0.11829	PASS			
					40	1.85632	0.07248	PASS			
					50	64.50176	0.07711	PASS			
					10	HCH	VN	-30	1.31607	0.00156	PASS
		-20	21.78669	0.02581				PASS			
		-10	-2.48909	-0.00295				PASS			
		0	3.25239	0.08593				PASS			
		10	-15.24925	-0.01807				PASS			
		20	30.52711	0.03617				PASS			
		30	-2.04563	-0.00242				PASS			
40	0.41485	0.00049	PASS								
50	4.29153	0.00508	PASS								

END