



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					50	8.71	.0047	PASS		
			MCH	VN	-30	-15.54	-.00827	PASS		
					-20	-16.55	-.0088	PASS		
					-10	-14.99	-.00797	PASS		
					0	-14.71	-.00782	PASS		
					10	-13.98	-.00744	PASS		
					20	-13.70	-.00729	PASS		
					30	-12.50	-.00665	PASS		
					40	-11.43	-.00608	PASS		
					50	-8.94	-.00476	PASS		
			HCH	VN	-30	-12.76	-.00669	PASS		
					-20	-12.69	-.00665	PASS		
					-10	-10.67	-.00559	PASS		
					0	-7.67	-.00402	PASS		
					10	-10.50	-.0055	PASS		
					20	-12.76	-.00669	PASS		
					30	-14.88	-.0078	PASS		
					40	-11.42	-.00599	PASS		
		50			-13.85	-.00726	PASS			
		10		LCH	VN	-30	-9.43	-.00508	PASS	
						-20	-10.79	-.00582	PASS	
						-10	-12.00	-.00647	PASS	
						0	-14.25	-.00768	PASS	
						10	-12.16	-.00656	PASS	
						20	-12.85	-.00693	PASS	
						30	-11.00	-.00593	PASS	
						40	-10.47	-.00564	PASS	
						50	-9.84	-.0053	PASS	
				MCH	VN	-30	2.32	.00123	PASS	
						-20	2.30	.00122	PASS	
						-10	3.35	.00178	PASS	
		HCH	VN	0	1.86	.00099	PASS			
				10	3.20	.0017	PASS			
				20	2.25	.0012	PASS			
				30	4.69	.00249	PASS			
				40	4.15	.00221	PASS			
						50	3.78	.00201	PASS	
						-30	-8.61	-.00452	PASS	
							-20	-9.41	-.00494	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-10	-9.18	-.00482	PASS		
					0	-11.73	-.00616	PASS		
					10	-12.56	-.00659	PASS		
					20	-2.09	-.0011	PASS		
					30	3.13	.00164	PASS		
					40	3.39	.00178	PASS		
					50	1.60	.00084	PASS		
		15	LCH	VN	-30	-8.28	-.00446	PASS		
					-20	-16.21	-.00873	PASS		
					-10	-2.68	-.00144	PASS		
					0	-2.55	-.00137	PASS		
					10	-8.43	-.00454	PASS		
					20	-13.72	-.00739	PASS		
					30	-19.43	-.01046	PASS		
					40	2.82	.00152	PASS		
					50	-4.19	-.00226	PASS		
					MCH	VN	-30	-13.03	-.00693	PASS
							-20	-19.14	-.01018	PASS
							-10	5.25	.00279	PASS
							0	1.99	.00106	PASS
							10	-2.46	-.00131	PASS
							20	-5.55	-.00295	PASS
							30	-7.60	-.00404	PASS
							40	-10.96	-.00583	PASS
							50	-14.26	-.00759	PASS
					HCH	VN	-30	-18.61	-.00978	PASS
							-20	1.24	.00065	PASS
							-10	-1.17	-.00061	PASS
		0	-4.18	-.0022			PASS			
		10	-5.71	-.003			PASS			
		20	-6.35	-.00334			PASS			
		30	-11.72	-.00616			PASS			
		40	-14.46	-.0076			PASS			
		50	-15.03	-.0079			PASS			
		20	LCH	VN	-30	2.03	.00109	PASS		
					-20	4.65	.0025	PASS		
					-10	1.14	.00061	PASS		
					0	-1.44	-.00077	PASS		
					10	-5.32	-.00286	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					20	-7.34	-.00395	PASS			
					30	-8.87	-.00477	PASS			
					40	-7.68	-.00413	PASS			
					50	-8.45	-.00454	PASS			
			MCH	VN	-30	-1.42	-.00076	PASS			
					-20	6.14	.00327	PASS			
					-10	-9.01	-.00479	PASS			
					0	5.81	.00309	PASS			
					10	3.43	.00182	PASS			
					20	2.68	.00143	PASS			
					30	1.12	.0006	PASS			
					40	3.06	.00163	PASS			
					50	0.04	.00002	PASS			
					HCH	VN	-30	-14.19	-.00747	PASS	
							-20	7.15	.00376	PASS	
							-10	4.08	.00215	PASS	
			0	5.79			.00305	PASS			
			10	4.11			.00216	PASS			
			20	0.37			.00019	PASS			
			30	-0.06			-.00003	PASS			
			40	-2.53			-.00133	PASS			
			BAND5	LTE/TM1	1.4	LCH	VN	-30	-1.89	-.00229	PASS
								-20	-0.19	-.00023	PASS
								-10	-1.30	-.00158	PASS
								0	-0.01	-.00001	PASS
								10	-1.10	-.00133	PASS
								20	-0.04	-.00005	PASS
								30	-0.86	-.00104	PASS
40	-1.69	-.00205						PASS			
50	-0.51	-.00062						PASS			
MCH	VN	-30						1.59	.0019	PASS	
		-20				0.14	.00017	PASS			
		-10				1.57	.00188	PASS			
		0				1.03	.00123	PASS			
		10				-0.54	-.00065	PASS			
		20				0.29	.00035	PASS			
		30				0.57	.00068	PASS			
		40				2.06	.00246	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	50	-0.14	-.00017	PASS
					-30	-5.16	-.00608	PASS
					-20	-4.65	-.00548	PASS
					-10	-2.15	-.00253	PASS
					0	-3.55	-.00418	PASS
					10	-3.09	-.00364	PASS
					20	-3.52	-.00415	PASS
					30	-3.88	-.00457	PASS
					40	-5.18	-.00611	PASS
					50	-7.55	-.0089	PASS
			LCH	VN	-30	-2.33	-.00282	PASS
					-20	-2.82	-.00342	PASS
					-10	-1.40	-.0017	PASS
					0	-2.29	-.00277	PASS
					10	-2.55	-.00309	PASS
					20	-0.04	-.00005	PASS
					30	-1.10	-.00133	PASS
					40	-3.55	-.0043	PASS
					50	-2.96	-.00359	PASS
						MCH	VN	-30
		-20	-0.21	-.00025				PASS
		-10	0.26	.00031				PASS
		0	1.12	.00134				PASS
		10	-0.80	-.00096				PASS
		20	-0.23	-.00027				PASS
		30	0.03	.00004				PASS
		40	0.19	.00023				PASS
		50	1.70	.00203				PASS
			HCH	VN				-30
					-20	-41.70	-.0492	PASS
					-10	-44.35	-.05233	PASS
					0	-42.60	-.05027	PASS
					10	-41.97	-.04952	PASS
					20	-40.14	-.04736	PASS
					30	-44.73	-.05278	PASS
					40	-43.52	-.05135	PASS
			LCH	VN	-30	-0.86	-.00104	PASS
					-20	-0.44	-.00053	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					-10	-0.50	-.0006	PASS	
					0	-1.52	-.00184	PASS	
					10	-1.89	-.00229	PASS	
					20	-2.10	-.00254	PASS	
					30	0.06	.00007	PASS	
					40	-0.56	-.00068	PASS	
					50	-1.75	-.00212	PASS	
			MCH	VN	-30	0.26	.00031	PASS	
					-20	-0.19	-.00023	PASS	
					-10	0.64	.00077	PASS	
					0	0.27	.00032	PASS	
					10	-0.46	-.00055	PASS	
					20	-0.36	-.00043	PASS	
					30	0.26	.00031	PASS	
					40	0.96	.00115	PASS	
			HCH	VN	-30	-2.55	-.00301	PASS	
					-20	-3.10	-.00366	PASS	
					-10	-4.58	-.00541	PASS	
					0	-3.48	-.00411	PASS	
					10	-3.10	-.00366	PASS	
					20	-2.10	-.00248	PASS	
					30	-3.15	-.00372	PASS	
					40	-2.92	-.00345	PASS	
			10	LCH	VN	-30	0.97	.00117	PASS
						-20	0.16	.00019	PASS
						-10	-0.74	-.00089	PASS
						0	-0.70	-.00084	PASS
						10	0.00	0	PASS
						20	-0.46	-.00055	PASS
						30	1.40	.00169	PASS
						40	-0.40	-.00048	PASS
						50	1.43	.00172	PASS
						MCH	VN	-30	0.39
			-20	-0.31	-.00037			PASS	
			-10	0.41	.00049			PASS	
			0	0.10	.00012			PASS	
			10	-0.24	-.00029			PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	-0.03	-.00004	PASS		
					30	-1.92	-.0023	PASS		
					40	1.53	.00183	PASS		
					50	0.47	.00056	PASS		
			HCH	VN	-30	1.14	.00135	PASS		
					-20	1.73	.00205	PASS		
					-10	0.03	.00004	PASS		
					0	1.13	.00134	PASS		
					10	-0.07	-.00008	PASS		
					20	2.09	.00248	PASS		
					30	1.17	.00139	PASS		
					40	1.42	.00168	PASS		
					50	2.03	.00241	PASS		
					LCH	VN	-30	-0.30	-.00036	PASS
							-20	-3.35	-.00406	PASS
							-10	-0.16	-.00019	PASS
							0	-1.30	-.00158	PASS
							10	-0.67	-.00081	PASS
							20	-1.16	-.00141	PASS
							30	-0.57	-.00069	PASS
	40	-0.07	-.00008	PASS						
	50	-1.50	-.00182	PASS						
	MCH	VN	-30	0.10			.00012	PASS		
			-20	0.31	.00037	PASS				
			-10	0.80	.00096	PASS				
			0	-0.51	-.00061	PASS				
			10	0.62	.00074	PASS				
			20	0.41	.00049	PASS				
			30	0.36	.00043	PASS				
			40	1.59	.0019	PASS				
			50	-1.00	-.0012	PASS				
	HCH	VN	-30	-4.49	-.00529	PASS				
			-20	-2.85	-.00336	PASS				
			-10	-3.56	-.0042	PASS				
			0	-2.98	-.00351	PASS				
			10	-2.76	-.00325	PASS				
			20	-4.13	-.00487	PASS				
			30	-4.61	-.00543	PASS				
			40	-5.06	-.00596	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		3	LCH	VN	50	-5.04	-0.00594	PASS
					-30	-2.55	-0.00309	PASS
					-20	-0.51	-0.00062	PASS
					-10	-4.18	-0.00506	PASS
					0	-3.13	-0.00379	PASS
					10	-2.96	-0.00359	PASS
					20	-1.47	-0.00178	PASS
					30	-3.00	-0.00363	PASS
					40	-2.60	-0.00315	PASS
			50	-1.76	-0.00213	PASS		
			MCH	VN	-30	0.70	.00084	PASS
					-20	1.83	.00219	PASS
					-10	-1.02	-0.00122	PASS
					0	0.86	.00103	PASS
					10	-0.74	-0.00088	PASS
					20	0.76	.00091	PASS
					30	-0.33	-0.00039	PASS
					40	1.09	.0013	PASS
		50			0.94	.00112	PASS	
		HCH	VN	-30	-43.64	-0.05149	PASS	
				-20	-42.87	-0.05058	PASS	
				-10	-41.33	-0.04877	PASS	
				0	-39.81	-0.04697	PASS	
				10	-42.14	-0.04972	PASS	
				20	-43.26	-0.05104	PASS	
				30	-43.76	-0.05163	PASS	
				40	-43.63	-0.05148	PASS	
				50	-40.01	-0.04721	PASS	
		5	LCH	VN	-30	-1.85	-0.00224	PASS
					-20	-1.53	-0.00185	PASS
					-10	-1.36	-0.00165	PASS
					0	-1.47	-0.00178	PASS
					10	-1.95	-0.00236	PASS
					20	-0.57	-0.00069	PASS
					30	-1.72	-0.00208	PASS
					40	-0.82	-0.00099	PASS
					50	-1.97	-0.00238	PASS
			MCH	VN	-30	-0.20	-0.00024	PASS
					-20	0.39	.00047	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	0.11	.00013	PASS
					0	-0.67	-.0008	PASS
					10	-0.43	-.00051	PASS
					20	-0.63	-.00075	PASS
					30	-0.17	-.0002	PASS
					40	0.86	.00103	PASS
					50	-0.09	-.00011	PASS
			HCH	VN	-30	-4.09	-.00483	PASS
					-20	-4.68	-.00553	PASS
					-10	-2.80	-.00331	PASS
					0	-3.43	-.00405	PASS
					10	-3.08	-.00364	PASS
					20	-2.52	-.00298	PASS
					30	-4.53	-.00535	PASS
		10	LCH	VN	-30	0.29	.00035	PASS
					-20	0.06	.00007	PASS
					-10	0.66	.0008	PASS
					0	1.17	.00141	PASS
					10	0.92	.00111	PASS
					20	0.37	.00045	PASS
					30	0.03	.00004	PASS
					40	-0.56	-.00068	PASS
			MCH	VN	-30	-0.80	-.00096	PASS
					-20	-0.72	-.00086	PASS
					-10	0.03	.00004	PASS
					0	-1.03	-.00123	PASS
					10	0.20	.00024	PASS
					20	-0.43	-.00051	PASS
					30	1.20	.00143	PASS
					40	-0.86	-.00103	PASS
		HCH	VN	-30	1.03	.00122	PASS	
				-20	0.76	.0009	PASS	
				-10	0.63	.00075	PASS	
				0	1.04	.00123	PASS	
				10	0.17	.0002	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					20	0.59	.0007	PASS	
					30	0.87	.00103	PASS	
					40	1.96	.00232	PASS	
					50	1.09	.00129	PASS	
BAND12	LTE/TM1	1.4	LCH	VN	-30	-0.66	-0.00094	PASS	
					-20	-1.93	-0.00276	PASS	
					-10	-1.24	-0.00177	PASS	
					0	-1.26	-0.0018	PASS	
					10	-1.26	-0.0018	PASS	
					20	-1.10	-0.00157	PASS	
					30	-1.32	-0.00189	PASS	
					40	-0.20	-0.00029	PASS	
			50		-0.99	-0.00141	PASS		
			MCH		VN	-30	-11.01	-0.01556	PASS
						-20	-10.33	-0.0146	PASS
						-10	-12.66	-0.01789	PASS
						0	-12.73	-0.01799	PASS
						10	-13.72	-0.01939	PASS
						20	-11.13	-0.01573	PASS
						30	-11.84	-0.01673	PASS
		40		-10.44		-0.01476	PASS		
		HCH	VN	-30	-2.37	-0.00331	PASS		
				-20	-4.78	-0.00668	PASS		
				-10	-1.96	-0.00274	PASS		
				0	-8.50	-0.01188	PASS		
				10	-6.74	-0.00942	PASS		
				20	-6.49	-0.00907	PASS		
				30	-5.91	-0.00826	PASS		
				40	-4.26	-0.00596	PASS		
		50	-7.20	-0.01007	PASS				
		3	LCH	VN	-30	-7.21	-0.01029	PASS	
					-20	-6.98	-0.00996	PASS	
					-10	-7.04	-0.01005	PASS	
					0	-8.13	-0.01161	PASS	
					10	-8.90	-0.01271	PASS	
					20	-7.55	-0.01078	PASS	
30	-7.41				-0.01058	PASS			
40	-3.72				-0.00531	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	50	-7.37	-.01052	PASS
					-30	-5.84	-.00825	PASS
					-20	-5.42	-.00766	PASS
					-10	-2.95	-.00417	PASS
					0	-5.59	-.0079	PASS
					10	-4.71	-.00666	PASS
					20	-4.94	-.00698	PASS
					30	-6.67	-.00943	PASS
					40	-4.16	-.00588	PASS
			50	-5.31	-.00751	PASS		
			HCH	VN	-30	-69.04	-.09663	PASS
					-20	-61.74	-.08641	PASS
					-10	-61.73	-.0864	PASS
					0	-64.95	-.0909	PASS
					10	-56.68	-.07933	PASS
					20	-65.26	-.09134	PASS
					30	-62.36	-.08728	PASS
		40			-59.37	-.08309	PASS	
		50	-57.88	-.08101	PASS			
		5	LCH	VN	-30	-1.24	-.00177	PASS
					-20	-1.32	-.00188	PASS
					-10	-1.03	-.00147	PASS
					0	-1.34	-.00191	PASS
					10	-1.13	-.00161	PASS
					20	-0.30	-.00043	PASS
					30	-1.59	-.00227	PASS
					40	-1.26	-.0018	PASS
					50	0.87	.00124	PASS
			MCH	VN	-30	-2.45	-.00346	PASS
					-20	-3.32	-.00469	PASS
					-10	-2.93	-.00414	PASS
					0	-2.60	-.00367	PASS
					10	-2.90	-.0041	PASS
20	-1.87				-.00264	PASS		
30	-2.90				-.0041	PASS		
40	-2.59	-.00366			PASS			
50	-1.77	-.0025	PASS					
HCH	VN	-30	-1.66	-.00233	PASS			
		-20	-0.80	-.00112	PASS			



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		10			-10	-0.49	-.00069	PASS
					0	-0.36	-.0005	PASS
					10	-1.47	-.00206	PASS
					20	0.24	.00034	PASS
					30	-0.36	-.0005	PASS
					40	-0.51	-.00071	PASS
					50	0.11	.00015	PASS
			LCH	VN	-30	-1.87	-.00266	PASS
					-20	-0.97	-.00138	PASS
					-10	-1.14	-.00162	PASS
					0	-2.37	-.00337	PASS
					10	0.14	.0002	PASS
					20	0.29	.00041	PASS
					30	-0.36	-.00051	PASS
					40	-0.04	-.00006	PASS
		MCH	VN	-30	-0.64	-.0009	PASS	
				-20	-1.12	-.00158	PASS	
				-10	-1.66	-.00235	PASS	
				0	-1.30	-.00184	PASS	
				10	-2.17	-.00307	PASS	
				20	-1.56	-.0022	PASS	
				30	-0.76	-.00107	PASS	
				40	-0.43	-.00061	PASS	
		HCH	VN	-30	-1.07	-.0015	PASS	
				-20	-0.51	-.00072	PASS	
				-10	-1.87	-.00263	PASS	
				0	-2.46	-.00346	PASS	
				10	-2.95	-.00415	PASS	
				20	-2.16	-.00304	PASS	
				30	-2.89	-.00406	PASS	
	40			-3.09	-.00435	PASS		
	LTE/TM2	1.4	LCH	VN	-30	-0.07	-.0001	PASS
					-20	1.69	.00242	PASS
					-10	-0.11	-.00016	PASS
					0	-0.19	-.00027	PASS
					10	-0.04	-.00006	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	0.64	.00091	PASS		
					30	0.47	.00067	PASS		
					40	-0.53	-.00076	PASS		
					50	0.07	.0001	PASS		
			MCH	VN	-30	-9.20	-.013	PASS		
					-20	-9.80	-.01385	PASS		
					-10	-9.13	-.0129	PASS		
					0	-7.27	-.01028	PASS		
					10	-10.09	-.01426	PASS		
					20	-10.70	-.01512	PASS		
					30	-11.69	-.01652	PASS		
					40	-9.24	-.01306	PASS		
					50	-10.80	-.01527	PASS		
					HCH	VN	-30	0.19	.00027	PASS
							-20	1.57	.00219	PASS
							-10	2.19	.00306	PASS
			0	-0.03			-.00004	PASS		
			10	2.90			.00405	PASS		
			20	2.05			.00287	PASS		
			30	2.95			.00412	PASS		
			40	1.93			.0027	PASS		
			3	LCH	VN	-30	-7.77	-.01109	PASS	
						-20	-6.58	-.00939	PASS	
						-10	-8.08	-.01153	PASS	
						0	-6.25	-.00892	PASS	
						10	-8.47	-.01209	PASS	
						20	-8.28	-.01182	PASS	
						30	-6.59	-.00941	PASS	
						40	-7.42	-.01059	PASS	
				MCH	VN	-30	-4.91	-.00694	PASS	
						-20	-5.29	-.00748	PASS	
						-10	-3.38	-.00478	PASS	
						0	-3.58	-.00506	PASS	
						10	-3.53	-.00499	PASS	
						20	-5.21	-.00736	PASS	
						30	-3.35	-.00473	PASS	
						40	-4.78	-.00676	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
			HCH	VN	50	-4.78	-.00676	PASS		
					-30	-70.98	-.09934	PASS		
					-20	-71.48	-.10004	PASS		
					-10	-69.49	-.09726	PASS		
					0	-70.61	-.09882	PASS		
					10	-72.68	-.10172	PASS		
					20	-73.00	-.10217	PASS		
					30	-72.36	-.10127	PASS		
					40	-61.03	-.08542	PASS		
					50	-63.40	-.08873	PASS		
			LCH	VN	-30	-0.03	-.00004	PASS		
					-20	-1.30	-.00185	PASS		
					-10	-0.74	-.00105	PASS		
					0	-0.57	-.00081	PASS		
					10	-0.39	-.00056	PASS		
					20	-1.24	-.00177	PASS		
					30	-1.29	-.00184	PASS		
					40	-1.73	-.00247	PASS		
					50	-1.33	-.0019	PASS		
						MCH	VN	-30	-3.28	-.00464
		-20	-2.27	-.00321				PASS		
		-10	-2.26	-.00319				PASS		
		0	-3.16	-.00447				PASS		
		10	-3.05	-.00431				PASS		
		20	-3.50	-.00495				PASS		
		30	-4.16	-.00588				PASS		
		40	-2.56	-.00362				PASS		
		50	-2.68	-.00379				PASS		
			HCH	VN				-30	-0.93	-.0013
					-20	-0.11	-.00015	PASS		
					-10	0.14	.0002	PASS		
					0	-1.03	-.00144	PASS		
					10	-0.84	-.00118	PASS		
					20	-1.10	-.00154	PASS		
					30	-0.39	-.00055	PASS		
					40	-2.17	-.00304	PASS		
			LCH	VN	-30	-1.17	-.00166	PASS		
					-20	-0.21	-.0003	PASS		
				10	LCH	VN	-30	-1.17	-.00166	PASS
				10	LCH	VN	-20	-0.21	-.0003	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-10	-1.44	-.00205	PASS			
					0	-1.96	-.00278	PASS			
					10	-2.16	-.00307	PASS			
					20	-2.72	-.00386	PASS			
					30	-1.92	-.00273	PASS			
					40	-0.69	-.00098	PASS			
					50	-1.87	-.00266	PASS			
			MCH	VN	-30	-0.03	-.00004	PASS			
					-20	1.12	.00158	PASS			
					-10	0.77	.00109	PASS			
					0	-0.09	-.00013	PASS			
					10	-0.34	-.00048	PASS			
					20	-0.36	-.00051	PASS			
					30	-0.57	-.00081	PASS			
					40	-0.41	-.00058	PASS			
			HCH	VN	50	0.07	.0001	PASS			
					-30	-0.13	-.00018	PASS			
					-20	-0.57	-.0008	PASS			
					-10	-0.06	-.00008	PASS			
					0	-1.06	-.00149	PASS			
					10	-0.40	-.00056	PASS			
					20	-0.26	-.00037	PASS			
					30	-0.83	-.00117	PASS			
			BAND17	LTE/TM1	5	LCH	VN	40	0.70	.00098	PASS
								50	-1.23	-.00173	PASS
								-30	-9.51	-.01346	PASS
								-20	-6.92	-.00979	PASS
-10	-9.64	-.01364						PASS			
0	-8.38	-.01186						PASS			
10	-7.25	-.01026						PASS			
20	-8.60	-.01217						PASS			
30	-8.17	-.01156						PASS			
40	-8.57	-.01213				PASS					
MCH	VN	50	-8.13	-.01151	PASS						
		-30	-0.39	-.00055	PASS						
		-20	-0.90	-.00127	PASS						
		-10	0.64	.0009	PASS						
		0	0.16	.00023	PASS						
					10	0.10	.00014	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict								
					20	1.06	.00149	PASS								
					30	1.63	.0023	PASS								
					40	1.14	.00161	PASS								
					50	-0.70	-.00099	PASS								
			HCH	VN				-30	-0.26	-.00036	PASS					
								-20	0.67	.00094	PASS					
								-10	1.02	.00143	PASS					
								0	-0.83	-.00116	PASS					
								10	0.63	.00088	PASS					
								20	0.34	.00048	PASS					
								30	-1.23	-.00172	PASS					
								40	-0.19	-.00027	PASS					
								50	-0.43	-.0006	PASS					
								LCH	VN				-30	0.21	.0003	PASS
													-20	-0.30	-.00042	PASS
													-10	-0.63	-.00089	PASS
			0	-0.87	-.00123	PASS										
			10	-0.06	-.00008	PASS										
			20	-0.23	-.00032	PASS										
			30	-0.49	-.00069	PASS										
		40	-1.00	-.00141	PASS											
		MCH	VN				-30	5.59	.00787	PASS						
							-20	6.14	.00865	PASS						
							-10	5.45	.00768	PASS						
							0	5.21	.00734	PASS						
							10	4.75	.00669	PASS						
							20	5.18	.0073	PASS						
							30	4.39	.00618	PASS						
							40	4.08	.00575	PASS						
		HCH	VN				50	5.46	.00769	PASS						
							-30	-3.33	-.00468	PASS						
							-20	-3.12	-.00439	PASS						
							-10	-1.10	-.00155	PASS						
							0	-1.47	-.00207	PASS						
							10	-2.26	-.00318	PASS						
							20	-2.06	-.0029	PASS						
							30	-2.33	-.00328	PASS						
		40	-1.90	-.00267	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	LCH	VN	50	-2.75	-.00387	PASS
					-30	-7.80	-.01104	PASS
					-20	-8.57	-.01213	PASS
					-10	-10.43	-.01476	PASS
					0	-9.51	-.01346	PASS
					10	-9.34	-.01322	PASS
					20	-9.17	-.01298	PASS
					30	-8.70	-.01231	PASS
			40	-8.80	-.01246	PASS		
			50	-8.84	-.01251	PASS		
			MCH	VN	-30	-1.30	-.00183	PASS
					-20	-1.79	-.00252	PASS
					-10	0.44	.00062	PASS
					0	-0.31	-.00044	PASS
					10	-0.93	-.00131	PASS
					20	-1.19	-.00168	PASS
					30	-1.67	-.00235	PASS
					40	-1.70	-.00239	PASS
			50	-1.34	-.00189	PASS		
			HCH	VN	-30	-0.24	-.00034	PASS
					-20	-1.32	-.00185	PASS
					-10	-2.43	-.00341	PASS
					0	-1.86	-.00261	PASS
					10	-1.22	-.00171	PASS
		20			-1.96	-.00275	PASS	
		30			-1.44	-.00202	PASS	
		40			-1.29	-.00181	PASS	
		50	-1.23	-.00172	PASS			
		10	LCH	VN	-30	0.56	.00079	PASS
					-20	-0.53	-.00075	PASS
					-10	-0.11	-.00016	PASS
					0	-0.63	-.00089	PASS
					10	-0.07	-.0001	PASS
					20	0.47	.00066	PASS
					30	0.10	.00014	PASS
					40	0.67	.00094	PASS
			50	0.21	.0003	PASS		
			MCH	VN	-30	4.75	.00669	PASS
					-20	3.81	.00537	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	6.45	.00908	PASS
					0	4.84	.00682	PASS
					10	4.59	.00646	PASS
					20	5.01	.00706	PASS
					30	4.62	.00651	PASS
					40	4.33	.0061	PASS
					50	4.59	.00646	PASS
			HCH	VN	-30	0.66	.00093	PASS
					-20	-1.42	-.002	PASS
					-10	-0.66	-.00093	PASS
					0	-2.35	-.00331	PASS
					10	-1.10	-.00155	PASS
					20	-0.56	-.00079	PASS
					30	-0.01	-.00001	PASS
					40	-1.17	-.00165	PASS
50	-0.57	-.0008	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	VN	-30	-5.51	-0.00322	PASS
					-20	-6.48	-0.00379	PASS
					-10	-4.82	-0.00282	PASS
					0	-4.35	-0.00254	PASS
					10	-5.89	-0.00344	PASS
					20	-1.56	-0.00091	PASS
					30	-5.87	-0.00343	PASS
					40	-6.67	-0.0039	PASS
					50	-1.75	-0.00102	PASS
			MCH	VN	-30	2.59	0.00149	PASS
					-20	4.73	0.00273	PASS
					-10	1.47	0.00085	PASS
					0	2.09	0.00121	PASS
					10	4.12	0.00238	PASS
					20	4.02	0.00232	PASS
					30	2.62	0.00151	PASS
					40	1.54	0.00089	PASS
			50	5.32	0.00307	PASS		
			HCH	VN	-30	-3.79	-0.00216	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-20	-1.62	-0.00092	PASS			
					-10	-1.99	-0.00113	PASS			
					0	-1.79	-0.00102	PASS			
					10	-1.65	-0.00094	PASS			
					20	-0.83	-0.00047	PASS			
					30	-4.63	-0.00264	PASS			
					40	-3.91	-0.00223	PASS			
					50	-2.69	-0.00153	PASS			
		3		LCH	VN	-30	2.39	0.0014	PASS		
						-20	-1.04	-0.00061	PASS		
						-10	-0.24	-0.00014	PASS		
						0	-5.01	-0.00293	PASS		
						10	6.19	0.00362	PASS		
						20	3.99	0.00233	PASS		
						30	-6.97	-0.00407	PASS		
						40	4.16	0.00243	PASS		
						50	-1.26	-0.00074	PASS		
						MCH	VN	-30	11.62	0.00671	PASS
								-20	9.86	0.00569	PASS
								-10	16.81	0.0097	PASS
								0	16.15	0.00932	PASS
								10	18.1	0.01045	PASS
								20	12.35	0.00713	PASS
								30	14.15	0.00817	PASS
				40	19.78			0.01142	PASS		
				HCH	VN	-30	-8.01	-0.00457	PASS		
						-20	-10.39	-0.00593	PASS		
						-10	-2.72	-0.00155	PASS		
						0	-5.87	-0.00335	PASS		
						10	-10.44	-0.00595	PASS		
						20	-0.39	-0.00022	PASS		
						30	-2.03	-0.00116	PASS		
		40	-5.81			-0.00331	PASS				
		5		LCH	VN	-30	-2.07	-0.00121	PASS		
						-20	-0.97	-0.00057	PASS		
						-10	-3.52	-0.00206	PASS		
						0	-3.05	-0.00178	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					10	-3.62	-0.00211	PASS				
					20	-6.15	-0.00359	PASS				
					30	-5.91	-0.00345	PASS				
					40	-12.3	-0.00718	PASS				
					50	-0.37	-0.00022	PASS				
			MCH		VN	-30	7.11	0.0041	PASS			
						-20	3.22	0.00186	PASS			
						-10	10.59	0.00611	PASS			
						0	6.64	0.00383	PASS			
						10	2.1	0.00121	PASS			
						20	2.93	0.00169	PASS			
						30	6.08	0.00351	PASS			
						40	8.88	0.00513	PASS			
			HCH		VN	50	0.59	0.00034	PASS			
						-30	2.2	0.00126	PASS			
						-20	0.43	0.00025	PASS			
						-10	-3.81	-0.00217	PASS			
						0	0.06	0.00003	PASS			
						10	0.57	0.00033	PASS			
						20	-0.92	-0.00052	PASS			
		30		-6.45		-0.00368	PASS					
		10					40	-5.11	-0.00292	PASS		
							50	-0.21	-0.00012	PASS		
							LCH	VN	-30	-0.04	-0.00002	PASS
									-20	1.63	0.00095	PASS
									-10	-1.75	-0.00102	PASS
									0	-0.49	-0.00029	PASS
									10	-5.04	-0.00294	PASS
									20	-2.15	-0.00125	PASS
									30	-1.23	-0.00072	PASS
									40	0.39	0.00023	PASS
		MCH	VN	50	-3.38	-0.00197	PASS					
				-30	-0.21	-0.00012	PASS					
				-20	1.44	0.00083	PASS					
				-10	4.11	0.00237	PASS					
				0	5.35	0.00309	PASS					
				10	6.81	0.00393	PASS					
		20	2.33	0.00134	PASS							
		30	5.71	0.0033	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-4.03	-0.00233	PASS
					50	4.29	0.00248	PASS
			HCH	VN	-30	1.65	0.00094	PASS
					-20	6.47	0.0037	PASS
					-10	4.99	0.00285	PASS
					0	7.88	0.0045	PASS
					10	-1.06	-0.00061	PASS
					20	0.83	0.00047	PASS
					30	3.29	0.00188	PASS
					40	6.91	0.00395	PASS
		50	3.42	0.00195	PASS			
		15	LCH	VN	-30	-10.21	-0.00594	PASS
					-20	-9.5	-0.00553	PASS
					-10	-6.87	-0.004	PASS
					0	-5.34	-0.00311	PASS
					10	-10.26	-0.00597	PASS
					20	-3.32	-0.00193	PASS
					30	-9.67	-0.00563	PASS
					40	-4.56	-0.00266	PASS
			50	-10.71	-0.00624	PASS		
			MCH	VN	-30	4.96	0.00286	PASS
					-20	-1.33	-0.00077	PASS
					-10	-0.13	-0.00008	PASS
					0	-0.39	-0.00023	PASS
					10	1.26	0.00073	PASS
					20	-0.03	-0.00002	PASS
					30	-0.43	-0.00025	PASS
			40	0.11	0.00006	PASS		
			50	3.6	0.00208	PASS		
		HCH	VN	-30	-4.36	-0.00249	PASS	
				-20	-1.79	-0.00102	PASS	
				-10	-1.32	-0.00076	PASS	
				0	-2.09	-0.0012	PASS	
				10	-10.14	-0.0058	PASS	
				20	1.04	0.0006	PASS	
				30	-0.47	-0.00027	PASS	
				40	-3.16	-0.00181	PASS	
		50	-5.98	-0.00342	PASS			
		20	LCH	VN	-30	-2.62	-0.00152	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-0.49	-0.00028	PASS		
					-10	-2.42	-0.00141	PASS		
					0	0.64	0.00037	PASS		
					10	1.46	0.00085	PASS		
					20	-0.87	-0.00051	PASS		
					30	-2.56	-0.00149	PASS		
					40	-2.33	-0.00135	PASS		
					50	0.47	0.00027	PASS		
			MCH	VN	-30	1.37	0.00079	PASS		
					-20	0.03	0.00002	PASS		
					-10	-0.07	-0.00004	PASS		
					0	-2.88	-0.00166	PASS		
					10	0.06	0.00003	PASS		
					20	3.42	0.00197	PASS		
					30	-0.23	-0.00013	PASS		
					40	-0.77	-0.00044	PASS		
			HCH	VN	-30	5.32	0.00305	PASS		
					-20	7.41	0.00425	PASS		
					-10	5.34	0.00306	PASS		
					0	3.66	0.0021	PASS		
					10	4.11	0.00236	PASS		
					20	5.95	0.00341	PASS		
					30	4.58	0.00262	PASS		
					40	5.36	0.00307	PASS		
			LTE/TM2	1.4	LCH	VN	-30	-3.15	-0.00184	PASS
							-20	-3.81	-0.00223	PASS
							-10	-4.75	-0.00278	PASS
							0	-5.25	-0.00307	PASS
							10	-2.05	-0.0012	PASS
							20	-4.51	-0.00264	PASS
							30	-3.81	-0.00223	PASS
							40	-4.72	-0.00276	PASS
					MCH	VN	-30	0.77	0.00044	PASS
							-20	3.96	0.00229	PASS
							-10	2.5	0.00144	PASS
							0	3.1	0.00179	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	2.93	0.00169	PASS		
					20	3.55	0.00205	PASS		
					30	4.08	0.00235	PASS		
					40	0.1	0.00006	PASS		
					50	4.72	0.00272	PASS		
			HCH	VN	-30	-2.07	-0.00118	PASS		
					-20	-5.82	-0.00332	PASS		
					-10	-5.32	-0.00303	PASS		
					0	-0.72	-0.00041	PASS		
					10	-0.54	-0.00031	PASS		
					20	-1.73	-0.00099	PASS		
					30	0.2	0.00011	PASS		
					40	-4.45	-0.00254	PASS		
			50	-4.53	-0.00258	PASS				
			LCH	VN	-30	-1.09	-0.00064	PASS		
					-20	-0.09	-0.00005	PASS		
					-10	-2.45	-0.00143	PASS		
					0	-6.11	-0.00357	PASS		
		10			-4.35	-0.00254	PASS			
		20			-2.9	-0.00169	PASS			
		30			-1.54	-0.0009	PASS			
		40			-4.25	-0.00248	PASS			
		50			-3.38	-0.00197	PASS			
		MCH			VN	-30	9.38	0.00541	PASS	
			-20	7.45		0.0043	PASS			
			-10	11.53		0.00666	PASS			
			0	-2.82		-0.00163	PASS			
			10	4.19		0.00242	PASS			
			20	6.45		0.00372	PASS			
			30	8.3		0.00479	PASS			
			40	4.79		0.00276	PASS			
		50	7.31	0.00422	PASS					
		HCH	VN	-30	-2.5	-0.00143	PASS			
				-20	-7.84	-0.00447	PASS			
				-10	-10.26	-0.00585	PASS			
				0	-7.04	-0.00401	PASS			
				10	-6.64	-0.00379	PASS			
				20	-10.49	-0.00598	PASS			
				30	-7.14	-0.00407	PASS			
		3					-30	-1.09	-0.00064	PASS
							-20	-0.09	-0.00005	PASS
							-10	-2.45	-0.00143	PASS
0	-6.11						-0.00357	PASS		
10	-4.35						-0.00254	PASS		
LCH	VN				20	-2.9	-0.00169	PASS		
					30	-1.54	-0.0009	PASS		
					40	-4.25	-0.00248	PASS		
					50	-3.38	-0.00197	PASS		
					-30	9.38	0.00541	PASS		
		-20	7.45		0.0043	PASS				
		-10	11.53		0.00666	PASS				
		0	-2.82		-0.00163	PASS				
MCH	VN	10	4.19		0.00242	PASS				
		20	6.45		0.00372	PASS				
		30	8.3		0.00479	PASS				
		40	4.79		0.00276	PASS				
		50	7.31		0.00422	PASS				
		-30	-2.5	-0.00143	PASS					
		-20	-7.84	-0.00447	PASS					
		-10	-10.26	-0.00585	PASS					
HCH	VN	0	-7.04	-0.00401	PASS					
		10	-6.64	-0.00379	PASS					
		20	-10.49	-0.00598	PASS					
		30	-7.14	-0.00407	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-6.28	-0.00358	PASS
					50	-3.2	-0.00182	PASS
		5	LCH	VN	-30	-3.86	-0.00225	PASS
					-20	-4.56	-0.00266	PASS
					-10	-5.12	-0.00299	PASS
					0	-2.75	-0.00161	PASS
					10	-0.37	-0.00022	PASS
					20	-3.26	-0.0019	PASS
					30	-12.75	-0.00745	PASS
					40	-3.55	-0.00207	PASS
					50	-3.35	-0.00196	PASS
			MCH	VN	-30	1.9	0.0011	PASS
					-20	3.29	0.0019	PASS
					-10	0.11	0.00006	PASS
					0	8.71	0.00503	PASS
					10	3.58	0.00207	PASS
					20	10.49	0.00605	PASS
					30	3.98	0.0023	PASS
					40	8.08	0.00466	PASS
					50	2.86	0.00165	PASS
		HCH	VN	-30	-0.03	-0.00002	PASS	
				-20	-2.12	-0.00121	PASS	
				-10	-1.1	-0.00063	PASS	
				0	-5.54	-0.00316	PASS	
				10	0.63	0.00036	PASS	
				20	-3.22	-0.00184	PASS	
				30	0.13	0.00007	PASS	
				40	-0.24	-0.00014	PASS	
				50	-0.74	-0.00042	PASS	
		10	LCH	VN	-30	-1.52	-0.00089	PASS
					-20	3.55	0.00207	PASS
					-10	-0.5	-0.00029	PASS
					0	2.76	0.00161	PASS
					10	-0.33	-0.00019	PASS
					20	-3.82	-0.00223	PASS
					30	5.02	0.00293	PASS
40	0.57				0.00033	PASS		
50	2.62				0.00153	PASS		
MCH	VN		-30	1.2	0.00069	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.29	-0.00074	PASS		
					-10	4.91	0.00283	PASS		
					0	1.59	0.00092	PASS		
					10	2.55	0.00147	PASS		
					20	1.65	0.00095	PASS		
					30	6.28	0.00362	PASS		
					40	4.68	0.0027	PASS		
					50	3.53	0.00204	PASS		
					HCH	VN	-30	7.44	0.00425	PASS
							-20	0.07	0.00004	PASS
			-10	2.69			0.00154	PASS		
			0	2.02			0.00115	PASS		
			10	2.7			0.00154	PASS		
			20	3.23			0.00185	PASS		
			30	1.16			0.00066	PASS		
			40	5.04			0.00288	PASS		
			50	3.89			0.00222	PASS		
			15	LCH			VN	-30	-10.09	-0.00587
					-20	-10.1		-0.00588	PASS	
					-10	-2.16		-0.00126	PASS	
		0			-9.36	-0.00545		PASS		
		10			-5.75	-0.00335		PASS		
		20			-5.97	-0.00348		PASS		
		30			-2.86	-0.00167		PASS		
		40			-5.15	-0.003		PASS		
		50			-9.68	-0.00564		PASS		
		MCH			VN	-30		4.22	0.00244	PASS
				-20		-1.9	-0.0011	PASS		
				-10		-1.73	-0.001	PASS		
				0		1.46	0.00084	PASS		
				10		3.22	0.00186	PASS		
				20		3.99	0.0023	PASS		
				30		-0.54	-0.00031	PASS		
				40		-1.1	-0.00063	PASS		
				50		0.64	0.00037	PASS		
				HCH		VN	-30	-4.51	-0.00258	PASS
		-20			-4.15		-0.00237	PASS		
		-10	-1.17		-0.00067		PASS			
		0	-6.44		-0.00369		PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-1.49	-0.00085	PASS			
					20	-0.72	-0.00041	PASS			
					30	-6.75	-0.00386	PASS			
					40	-1.17	-0.00067	PASS			
					50	-0.13	-0.00007	PASS			
					20	LCH	VN	-30	-1.07	-0.00062	PASS
								-20	-1.42	-0.00083	PASS
								-10	-1.23	-0.00072	PASS
								0	-1.14	-0.00066	PASS
								10	-6.62	-0.00385	PASS
		20	-1.3	-0.00076				PASS			
		30	-1.23	-0.00072				PASS			
		40	-4.61	-0.00268				PASS			
		50	-2.36	-0.00137				PASS			
		20	MCH	VN				-30	2.99	0.00173	PASS
					-20	2.66	0.00154	PASS			
					-10	-0.79	-0.00046	PASS			
					0	-0.94	-0.00054	PASS			
					10	1.53	0.00088	PASS			
					20	-2.09	-0.00121	PASS			
					30	0.9	0.00052	PASS			
					40	2.69	0.00155	PASS			
					50	2.98	0.00172	PASS			
					20	HCH	VN	-30	3.76	0.00215	PASS
		-20	5.71	0.00327				PASS			
		-10	4.28	0.00245				PASS			
		0	-0.6	-0.00034				PASS			
		10	1.52	0.00087				PASS			
20	6.19	0.00355	PASS								
30	7.32	0.00419	PASS								
40	3.33	0.00191	PASS								
50	3	0.00172	PASS								
BAND7	LTE/TM1	5	LCH	VN				-30	-8.15	-0.00326	PASS
					-20	-10.66	-0.00426	PASS			
					-10	-22.42	-0.00896	PASS			
					0	-22.63	-0.00904	PASS			
					10	-18.37	-0.00734	PASS			
					20	-19.97	-0.00798	PASS			
					30	-19.35	-0.00773	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-17.65	-0.00705	PASS
					50	-17.09	-0.00683	PASS
			MCH	VN	-30	-8.04	-0.00317	PASS
					-20	-6.45	-0.00254	PASS
					-10	-5.52	-0.00218	PASS
					0	-3.45	-0.00136	PASS
					10	-4.05	-0.0016	PASS
					20	-3	-0.00118	PASS
					30	-1.49	-0.00059	PASS
					40	-1.2	-0.00047	PASS
					50	-0.49	-0.00019	PASS
					HCH	VN	-30	6.72
			-20	7.54			0.00294	PASS
			-10	-5.06			-0.00197	PASS
			0	-3.82			-0.00149	PASS
			10	-3.85			-0.0015	PASS
			20	-3.1			-0.00121	PASS
			30	-5.62			-0.00219	PASS
		40	-6.18	-0.00241			PASS	
		10	LCH	VN	-30	-0.97	-0.00039	PASS
					-20	-5.46	-0.00218	PASS
					-10	-8.21	-0.00328	PASS
					0	-10.7	-0.00427	PASS
					10	-11.47	-0.00458	PASS
					20	-11.53	-0.0046	PASS
					30	-15.71	-0.00627	PASS
					40	-17.38	-0.00694	PASS
					50	-17.41	-0.00695	PASS
					MCH	VN	-30	-12.85
			-20	-15.11			-0.00596	PASS
			-10	-0.96			-0.00038	PASS
			0	2.72			0.00107	PASS
			10	10.29			0.00406	PASS
			20	0.16			0.00006	PASS
			30	9.27			0.00366	PASS
			40	4.43			0.00175	PASS
HCH	VN		-30	2	0.00078	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-2.78	-0.00108	PASS
					-10	-4.41	-0.00172	PASS
					0	-6.51	-0.00254	PASS
					10	-7.38	-0.00288	PASS
					20	-11.06	-0.00431	PASS
					30	-10.67	-0.00416	PASS
					40	-11.07	-0.00432	PASS
					50	-14.89	-0.00581	PASS
		15	LCH	VN	-30	9.53	0.0038	PASS
					-20	-4.53	-0.00181	PASS
					-10	-8.45	-0.00337	PASS
					0	10.7	0.00427	PASS
					10	2.85	0.00114	PASS
					20	-5.24	-0.00209	PASS
					30	-10.03	-0.004	PASS
					40	17.51	0.00698	PASS
			MCH	VN	-30	1.92	0.00076	PASS
					-20	-5.09	-0.00201	PASS
					-10	-5.35	-0.00211	PASS
					0	-8.24	-0.00325	PASS
					10	-14.92	-0.00589	PASS
					20	-6.57	-0.00259	PASS
					30	7	0.00276	PASS
					40	1.5	0.00059	PASS
			HCH	VN	-30	-20.4	-0.00796	PASS
					-20	7.74	0.00302	PASS
					-10	1.85	0.00072	PASS
					0	-4.43	-0.00173	PASS
					10	-12.76	-0.00498	PASS
					20	-16.88	-0.00659	PASS
					30	-21.97	-0.00857	PASS
					40	-3.22	-0.00126	PASS
		20	LCH	VN	-30	-10.13	-0.00404	PASS
					-20	0.2	0.00008	PASS
					-10	-4.81	-0.00192	PASS
					0	-10.3	-0.0041	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					10	-17.18	-0.00684	PASS	
					20	-21.59	-0.0086	PASS	
					30	-21.59	-0.0086	PASS	
					40	-9.84	-0.00392	PASS	
					50	5.76	0.00229	PASS	
			MCH	VN	-30	-4.65	-0.00183	PASS	
					-20	-10.94	-0.00432	PASS	
					-10	-14.88	-0.00587	PASS	
					0	-11.7	-0.00462	PASS	
					10	12.73	0.00502	PASS	
					20	5.25	0.00207	PASS	
					30	-0.46	-0.00018	PASS	
					40	-3.36	-0.00133	PASS	
			HCH	VN	-30	8.94	0.00349	PASS	
					-20	4.13	0.00161	PASS	
					-10	-0.43	-0.00017	PASS	
					0	-5.61	-0.00219	PASS	
					10	-7.71	-0.00301	PASS	
					20	-11.7	-0.00457	PASS	
					30	-14.38	-0.00562	PASS	
					40	-2.89	-0.00113	PASS	
	LTE/TM2	5		LCH	VN	-30	-10.36	-0.00414	PASS
						-20	-5.46	-0.00218	PASS
						-10	-0.74	-0.0003	PASS
						0	2.56	0.00102	PASS
						10	-4.26	-0.0017	PASS
						20	-14.29	-0.00571	PASS
				MCH	VN	30	-20.6	-0.00823	PASS
						40	-16.58	-0.00663	PASS
						50	-9.76	-0.0039	PASS
						-30	6.12	0.00241	PASS
						-20	8.64	0.00341	PASS
						-10	10.57	0.00417	PASS
					0	2.47	0.00097	PASS	
					10	13.63	0.00538	PASS	
					20	-10.61	-0.00419	PASS	
					30	-13.25	-0.00523	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					40	-15.23	-0.00601	PASS		
					50	-11.97	-0.00472	PASS		
			HCH	VN	-30	-6.15	-0.0024	PASS		
					-20	-4.15	-0.00162	PASS		
					-10	-4.23	-0.00165	PASS		
					0	-1.2	-0.00047	PASS		
					10	2.13	0.00083	PASS		
					20	3.95	0.00154	PASS		
					30	6.68	0.0026	PASS		
					40	8.98	0.0035	PASS		
		50	9	0.00351	PASS					
					LCH	VN	-30	-17.65	-0.00705	PASS
							-20	-13.33	-0.00532	PASS
							-10	7.02	0.0028	PASS
							0	10.83	0.00432	PASS
							10	10.43	0.00416	PASS
							20	12.17	0.00486	PASS
							30	9.17	0.00366	PASS
							40	8.43	0.00337	PASS
							50	5.55	0.00222	PASS
										MCH
		-20	6.41	0.00253	PASS					
		-10	5.87	0.00232	PASS					
		0	7.08	0.00279	PASS					
		10	5.76	0.00227	PASS					
		20	7.37	0.00291	PASS					
		30	4.59	0.00181	PASS					
		40	7.94	0.00313	PASS					
		50	5.55	0.00219	PASS					
					HCH	VN				
							-20	2.93	0.00114	PASS
							-10	2.76	0.00108	PASS
							0	4.92	0.00192	PASS
							10	3.83	0.00149	PASS
							20	3.79	0.00148	PASS
							30	6.17	0.00241	PASS
							40	3.95	0.00154	PASS
							50	4.66	0.00182	PASS
							15		LCH	VN



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-4.62	-0.00184	PASS
					-10	-11.13	-0.00444	PASS
					0	15.15	0.00604	PASS
					10	14.51	0.00579	PASS
					20	10.26	0.00409	PASS
					30	2.68	0.00107	PASS
					40	-1.82	-0.00073	PASS
					50	-6.17	-0.00246	PASS
			MCH	VN	-30	-11.5	-0.00454	PASS
					-20	2.75	0.00108	PASS
					-10	10.61	0.00419	PASS
					0	8.44	0.00333	PASS
					10	3.25	0.00128	PASS
					20	-0.07	-0.00003	PASS
					30	-5.16	-0.00204	PASS
					40	-7.95	-0.00314	PASS
			HCH	VN	-30	-22.46	-0.00876	PASS
					-20	-17.04	-0.00665	PASS
					-10	3.1	0.00121	PASS
					0	6.37	0.00249	PASS
					10	4.03	0.00157	PASS
					20	3.48	0.00136	PASS
					30	1.99	0.00078	PASS
					40	-4.21	-0.00164	PASS
		20	LCH	VN	-30	-19.86	-0.00791	PASS
					-20	4.36	0.00174	PASS
					-10	3.32	0.00132	PASS
					0	1.14	0.00045	PASS
					10	-1.66	-0.00066	PASS
					20	-3.08	-0.00123	PASS
					30	-6.58	-0.00262	PASS
					40	-8.13	-0.00324	PASS
			MCH	VN	-30	8.38	0.00331	PASS
					-20	8.25	0.00325	PASS
					-10	6.92	0.00273	PASS
					0	5.38	0.00212	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.13	0.00045	PASS
					20	-1.49	-0.00059	PASS
					30	-3.1	-0.00122	PASS
					40	-4.63	-0.00183	PASS
					50	-7.18	-0.00283	PASS
			HCH	VN	-30	15.42	0.00602	PASS
					-20	12.09	0.00472	PASS
					-10	9.9	0.00387	PASS
					0	8.71	0.0034	PASS
					10	6.37	0.00249	PASS
					20	4.56	0.00178	PASS
					30	3.66	0.00143	PASS
					40	2.13	0.00083	PASS
					50	-2.46	-0.00096	PASS



END