





6.1.1.2.5.2 Test Channel = MCH

6.1.1.2.5.2.1 Test RB = RB1#0



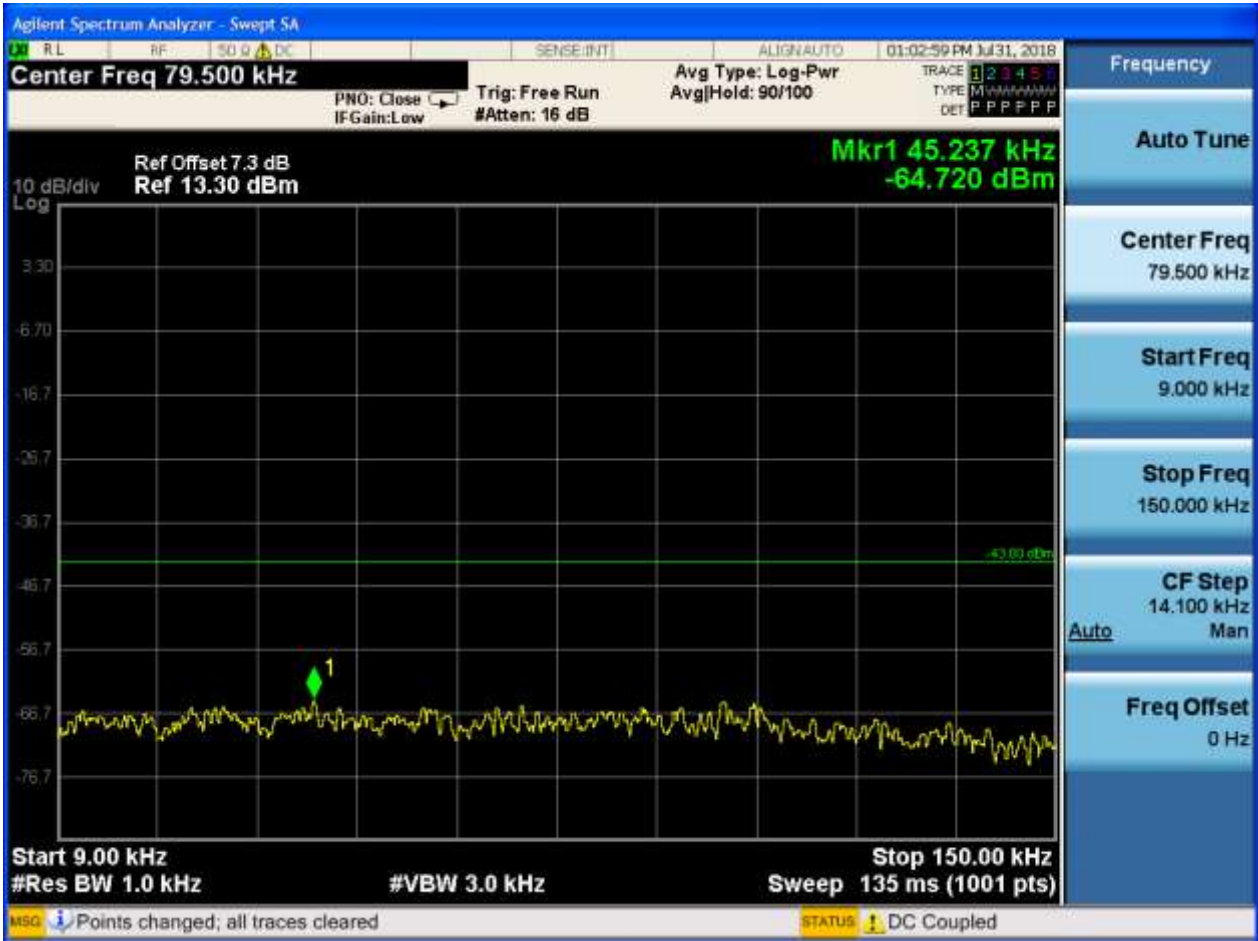






6.1.1.2.5.3 Test Channel = HCH

6.1.1.2.5.3.1 Test RB = RB1#0







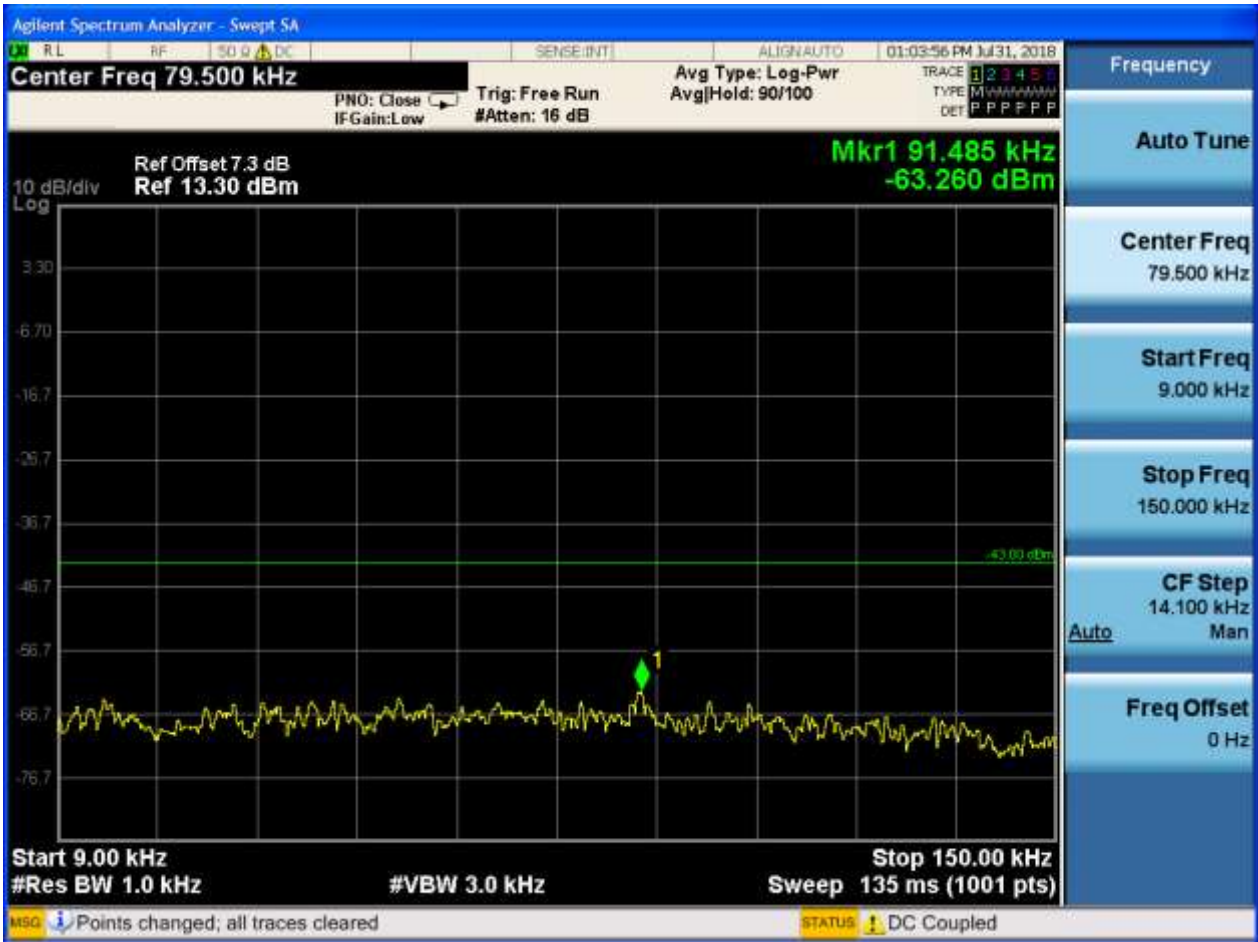




6.1.1.2.6 Test Bandwidth = 20

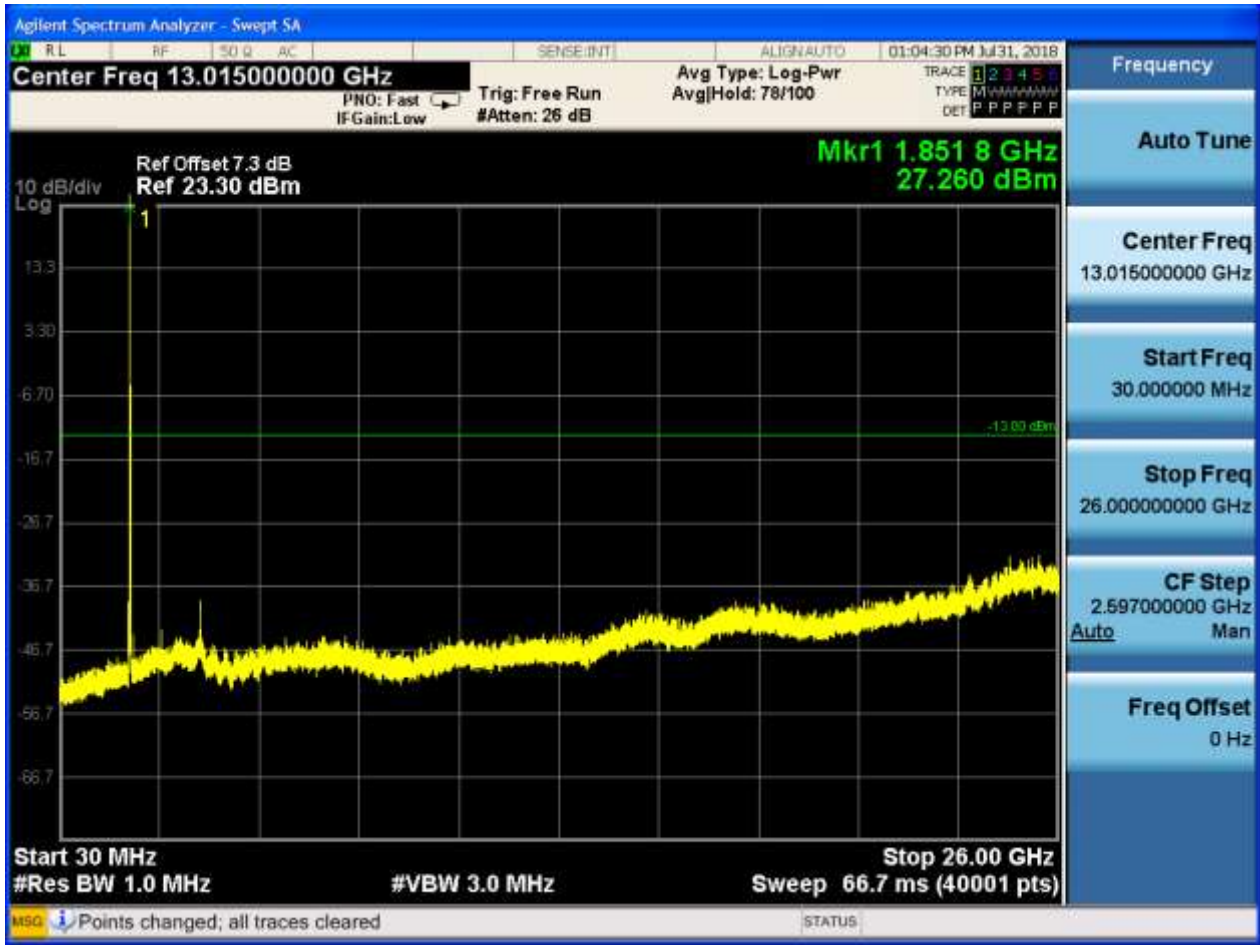
6.1.1.2.6.1 Test Channel = LCH

6.1.1.2.6.1.1 Test RB = RB1#0











6.1.1.2.6.2 Test Channel = MCH

6.1.1.2.6.2.1 Test RB = RB1#0



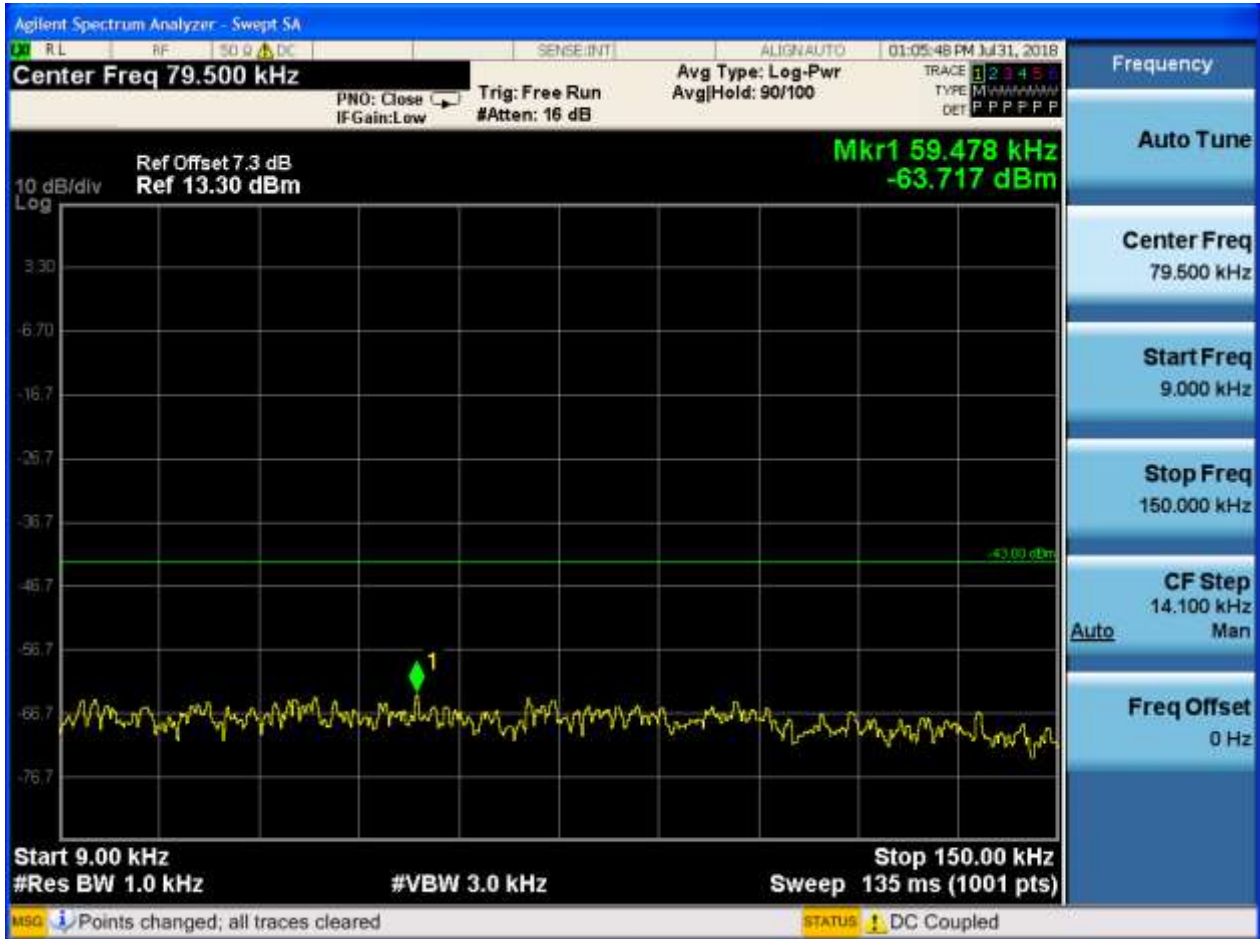






6.1.1.2.6.3 Test Channel = HCH

6.1.1.2.6.3.1 Test RB = RB1#0









## 7Appendix\_G: Frequency Stability

### 7.1 For LTE

#### 7.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
BAND2	LTE/TM1	1.4	LCH	TN	VL	-4.26	-0.0023	PASS
					VN	-12.87	-0.00695	PASS
					VH	-12.36	-0.00668	PASS
			MCH	TN	VL	-7.21	-0.00384	PASS
					VN	2.96	0.00157	PASS
					VH	1.33	0.00071	PASS
			HCH	TN	VL	-1.67	-0.00087	PASS
					VN	-2.50	-0.00131	PASS
					VH	2.46	0.00129	PASS
		3	LCH	TN	VL	-3.66	-0.00198	PASS
					VN	-10.01	-0.00541	PASS
					VH	-10.36	-0.0056	PASS
			MCH	TN	VL	-5.98	-0.00318	PASS
					VN	-3.81	-0.00203	PASS
					VH	-13.28	-0.00706	PASS
			HCH	TN	VL	-3.12	-0.00163	PASS
					VN	-4.11	-0.00215	PASS
					VH	-2.73	-0.00143	PASS
		5	LCH	TN	VL	-3.76	-0.00203	PASS
					VN	-16.21	-0.00875	PASS
					VH	-16.41	-0.00886	PASS
			MCH	TN	VL	-14.93	-0.00794	PASS
					VN	-9.37	-0.00498	PASS
					VH	-5.28	-0.00281	PASS
			HCH	TN	VL	-4.62	-0.00242	PASS
					VN	-4.78	-0.00251	PASS
					VH	-3.58	-0.00188	PASS
10	LCH	TN	VL	27.58	0.01487	PASS		



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-4.46	-0.0024	PASS		
					VH	6.11	0.00329	PASS		
					MCH	TN	VL	-3.86	-0.00205	PASS
							VN	-4.39	-0.00234	PASS
					VH		VN	-5.21	-0.00277	PASS
							VH	-5.21	-0.00277	PASS
			HCH	TN	VL	-0.50	-0.00026	PASS		
					VN	-0.66	-0.00035	PASS		
					VH	1.26	0.00066	PASS		
					LCH	TN	VL	7.14	0.00384	PASS
							VN	-28.34	-0.01526	PASS
							VH	5.87	0.00316	PASS
		MCH	TN	VL	-3.86	-0.00205	PASS			
				VN	-5.45	-0.0029	PASS			
				VH	-3.99	-0.00212	PASS			
				HCH	TN	VL	-1.04	-0.00055	PASS	
						VN	-0.67	-0.00035	PASS	
						VH	0.21	0.00011	PASS	
		20	LCH	TN	VL	-3.33	-0.00179	PASS		
					VN	-9.64	-0.00518	PASS		
					VH	-5.59	-0.00301	PASS		
			MCH	TN	VL	-3.76	-0.002	PASS		
					VN	-1.80	-0.00096	PASS		
					VH	-3.29	-0.00175	PASS		
			HCH	TN	VL	-5.66	-0.00298	PASS		
					VN	-3.92	-0.00206	PASS		
					VH	-3.30	-0.00174	PASS		
		LTE/TM2	1.4	LCH	TN	VL	0.93	0.0005	PASS	
						VN	6.34	0.00343	PASS	
						VH	-41.69	-0.02253	PASS	
				MCH	TN	VL	3.28	0.00174	PASS	
						VN	2.95	0.00157	PASS	
						VH	0.39	0.00021	PASS	
				HCH	TN	VL	-8.17	-0.00428	PASS	
						VN	-0.57	-0.0003	PASS	
						VH	-91.91	-0.04814	PASS	
			3	LCH	TN	VL	7.74	0.00418	PASS	
						VN	3.86	0.00208	PASS	
						VH	-16.74	-0.00904	PASS	



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	TN	VL	-4.41	-0.00235	PASS
					VN	-6.58	-0.0035	PASS
					VH	1.27	0.00068	PASS
			HCH	TN	VL	-7.61	-0.00399	PASS
					VN	-0.83	-0.00043	PASS
					VH	-1.69	-0.00089	PASS
		5	LCH	TN	VL	-14.61	-0.00789	PASS
					VN	-3.73	-0.00201	PASS
					VH	-11.80	-0.00637	PASS
			MCH	TN	VL	-3.88	-0.00206	PASS
					VN	-5.68	-0.00302	PASS
					VH	-4.58	-0.00244	PASS
			HCH	TN	VL	-1.86	-0.00098	PASS
					VN	-0.92	-0.00048	PASS
					VH	1.02	0.00053	PASS
		10	LCH	TN	VL	-2.89	-0.00156	PASS
					VN	3.15	0.0017	PASS
					VH	1.83	0.00099	PASS
			MCH	TN	VL	-2.49	-0.00132	PASS
					VN	-2.47	-0.00131	PASS
					VH	-3.58	-0.0019	PASS
			HCH	TN	VL	-0.66	-0.00035	PASS
					VN	-1.86	-0.00098	PASS
					VH	-1.06	-0.00056	PASS
		15	LCH	TN	VL	1.26	0.00068	PASS
					VN	-1.46	-0.00079	PASS
					VH	0.54	0.00029	PASS
			MCH	TN	VL	-4.94	-0.00263	PASS
					VN	-2.23	-0.00119	PASS
					VH	-2.79	-0.00148	PASS
			HCH	TN	VL	-0.51	-0.00027	PASS
					VN	0.93	0.00049	PASS
					VH	0.93	0.00049	PASS
		20	LCH	TN	VL	-4.25	-0.00228	PASS
					VN	0.92	0.00049	PASS
					VH	-0.47	-0.00025	PASS
			MCH	TN	VL	-2.98	-0.00159	PASS
					VN	-3.56	-0.00189	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-1.46	-0.00078	PASS
			HCH	TN	VL	-2.83	-0.00149	PASS
					VN	-1.12	-0.00059	PASS
					VH	-0.66	-0.00035	PASS

## 7.1.2 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
BAND2	LTE/TM1	1.4	LCH	VN	-30	-6.08	-0.00329	PASS
					-20	-11.89	-0.00642	PASS
					-10	-3.00	-0.00162	PASS
					0	-10.21	-0.00552	PASS
					10	7.34	0.00397	PASS
					20	-26.25	-0.01418	PASS
					30	-1.95	-0.00105	PASS
					40	-16.29	-0.0088	PASS
					50	-4.09	-0.00221	PASS
			MCH	VN	-30	2.46	0.00131	PASS
					-20	-5.49	-0.00292	PASS
					-10	-9.11	-0.00485	PASS
					0	-6.32	-0.00336	PASS
					10	-7.07	-0.00376	PASS
					20	-15.82	-0.00841	PASS
					30	-5.05	-0.00269	PASS
					40	-5.52	-0.00294	PASS
					50	-2.52	-0.00134	PASS
		HCH	VN	-30	-15.64	-0.00819	PASS	
				-20	-3.03	-0.00159	PASS	
				-10	-35.42	-0.01855	PASS	
				0	-27.08	-0.01418	PASS	
				10	-3.50	-0.00183	PASS	
				20	-1.72	-0.0009	PASS	
				30	-0.46	-0.00024	PASS	
				40	8.57	0.00449	PASS	
				50	0.14	0.00007	PASS	
		3	LCH	VN	-30	-3.48	-0.00188	PASS
					-20	-2.03	-0.0011	PASS





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	-6.35	-0.00343	PASS
					0	-4.78	-0.00258	PASS
					10	-5.09	-0.00275	PASS
					20	-11.76	-0.00635	PASS
					30	1.20	0.00065	PASS
					40	-7.18	-0.00388	PASS
					50	0.20	0.00011	PASS
					MCH	VN	-30	-3.39
			-20	-1.42			-0.00076	PASS
			-10	0.19			0.0001	PASS
			0	-0.66			-0.00035	PASS
			10	-5.05			-0.00269	PASS
			20	-6.12			-0.00326	PASS
			30	-3.78			-0.00201	PASS
			40	-2.60			-0.00138	PASS
			HCH	VN	-30	-5.12	-0.00268	PASS
					-20	-4.42	-0.00232	PASS
					-10	-3.20	-0.00168	PASS
					0	-2.05	-0.00107	PASS
					10	-4.05	-0.00212	PASS
					20	0.17	0.00009	PASS
					30	-6.52	-0.00342	PASS
					40	1.22	0.00064	PASS
			5	LCH	VN	-30	0.73	0.00039
		-20				1.17	0.00063	PASS
		-10				1.69	0.00091	PASS
		0				-1.47	-0.00079	PASS
		10				-4.86	-0.00262	PASS
		20				1.97	0.00106	PASS
		30				-1.16	-0.00063	PASS
		40				1.27	0.00069	PASS
		MCH		VN	-30	-11.42	-0.00607	PASS
					-20	-3.75	-0.00199	PASS
					-10	-3.25	-0.00173	PASS
					0	-8.75	-0.00465	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-4.59	-0.00244	PASS		
					20	-9.03	-0.0048	PASS		
					30	-1.70	-0.0009	PASS		
					40	-2.12	-0.00113	PASS		
					50	-3.85	-0.00205	PASS		
			HCH	VN	-30	-5.36	-0.00281	PASS		
					-20	-6.71	-0.00352	PASS		
					-10	-1.99	-0.00104	PASS		
					0	-6.52	-0.00342	PASS		
					10	0.31	0.00016	PASS		
					20	0.14	0.00007	PASS		
					30	-1.23	-0.00064	PASS		
					40	-3.76	-0.00197	PASS		
					50	0.20	0.0001	PASS		
					LCH	VN	-30	-0.82	-0.00044	PASS
							-20	0.39	0.00021	PASS
							-10	3.36	0.00181	PASS
							0	-0.14	-0.00008	PASS
							10	2.99	0.00161	PASS
							20	2.26	0.00122	PASS
		30	1.10	0.00059			PASS			
		40	0.00	0			PASS			
		50	20.57	0.01109			PASS			
		MCH	VN	-30			-4.02	-0.00214	PASS	
				-20	-5.02	-0.00267	PASS			
				-10	-3.43	-0.00182	PASS			
				0	-3.71	-0.00197	PASS			
				10	-2.53	-0.00135	PASS			
				20	-2.07	-0.0011	PASS			
				30	-0.53	-0.00028	PASS			
				40	-2.39	-0.00127	PASS			
				50	-1.47	-0.00078	PASS			
		HCH	VN	-30	-0.94	-0.00049	PASS			
				-20	-0.66	-0.00035	PASS			
				-10	-0.24	-0.00013	PASS			
				0	0.76	0.0004	PASS			
				10	1.70	0.00089	PASS			
				20	5.12	0.00269	PASS			
		10					-30	-0.82	-0.00044	PASS
							-20	0.39	0.00021	PASS
-10	3.36						0.00181	PASS		
0	-0.14						-0.00008	PASS		
10	2.99						0.00161	PASS		
20	2.26						0.00122	PASS		
30	1.10						0.00059	PASS		
40	0.00						0	PASS		
50	20.57						0.01109	PASS		
-30	-4.02						-0.00214	PASS		
-20	-5.02	-0.00267	PASS							
-10	-3.43	-0.00182	PASS							
0	-3.71	-0.00197	PASS							
10	-2.53	-0.00135	PASS							
20	-2.07	-0.0011	PASS							
30	-0.53	-0.00028	PASS							
40	-2.39	-0.00127	PASS							
50	-1.47	-0.00078	PASS							
-30	-0.94	-0.00049	PASS							
-20	-0.66	-0.00035	PASS							
-10	-0.24	-0.00013	PASS							
0	0.76	0.0004	PASS							
10	1.70	0.00089	PASS							
20	5.12	0.00269	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					30	-0.56	-0.00029	PASS			
					40	1.27	0.00067	PASS			
					50	-0.33	-0.00017	PASS			
					15	LCH	VN	-30	-0.74	-0.0004	PASS
								-20	-1.46	-0.00079	PASS
								-10	-2.62	-0.00141	PASS
		0	-2.00	-0.00108				PASS			
		10	0.07	0.00004				PASS			
		20	2.92	0.00157				PASS			
		30	1.70	0.00092				PASS			
		40	10.90	0.00587				PASS			
		50	3.00	0.00162				PASS			
		15	MCH	VN				-30	-5.59	-0.00297	PASS
					-20	-4.02	-0.00214	PASS			
					-10	-2.89	-0.00154	PASS			
					0	-3.03	-0.00161	PASS			
					10	-2.57	-0.00137	PASS			
					20	-2.29	-0.00122	PASS			
					30	-1.70	-0.0009	PASS			
					40	-2.49	-0.00132	PASS			
					50	-2.65	-0.00141	PASS			
					15	HCH	VN	-30	-0.93	-0.00049	PASS
		-20	0.63	0.00033				PASS			
		-10	-0.43	-0.00023				PASS			
		0	-0.92	-0.00048				PASS			
		10	0.89	0.00047				PASS			
		20	-1.10	-0.00058				PASS			
		30	0.90	0.00047				PASS			
		40	0.01	0.00001				PASS			
		50	0.29	0.00015				PASS			
		20	LCH	VN				-30	-1.59	-0.00085	PASS
					-20	-1.33	-0.00072	PASS			
					-10	-0.07	-0.00004	PASS			
					0	0.06	0.00003	PASS			
					10	-1.42	-0.00076	PASS			
					20	1.24	0.00067	PASS			
					30	-0.07	-0.00004	PASS			
					40	-3.32	-0.00178	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	50	-4.71	-0.00253	PASS
					-30	-2.85	-0.00152	PASS
					-20	-3.59	-0.00191	PASS
					-10	-2.66	-0.00141	PASS
					0	-1.82	-0.00097	PASS
					10	-1.20	-0.00064	PASS
					20	-1.29	-0.00069	PASS
					30	-0.79	-0.00042	PASS
					40	-2.39	-0.00127	PASS
			50	-1.72	-0.00091	PASS		
			HCH	VN	-30	-3.06	-0.00161	PASS
					-20	-2.12	-0.00112	PASS
					-10	-1.36	-0.00072	PASS
					0	-2.86	-0.00151	PASS
					10	-2.90	-0.00153	PASS
					20	-1.75	-0.00092	PASS
					30	-2.05	-0.00108	PASS
					40	-0.93	-0.00049	PASS
	50	-2.72			-0.00143	PASS		
	LTE/TM2	1.4	LCH	VN	-30	6.48	0.0035	PASS
					-20	-5.61	-0.00303	PASS
					-10	0.64	0.00035	PASS
					0	-19.15	-0.01035	PASS
					10	4.91	0.00265	PASS
					20	1.30	0.0007	PASS
					30	-4.63	-0.0025	PASS
					40	-4.78	-0.00258	PASS
			50	-8.54	-0.00461	PASS		
			MCH	VN	-30	-2.02	-0.00107	PASS
					-20	3.82	0.00203	PASS
					-10	-5.21	-0.00277	PASS
					0	8.71	0.00463	PASS
					10	-7.74	-0.00412	PASS
20					-7.91	-0.00421	PASS	
30	-1.13	-0.0006			PASS			
40	1.69	0.0009	PASS					
50	5.06	0.00269	PASS					
HCH	VN	-30	0.16	0.00008	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-19.44	-0.01018	PASS		
					-10	2.20	0.00115	PASS		
					0	5.14	0.00269	PASS		
					10	-24.79	-0.01298	PASS		
					20	-6.02	-0.00315	PASS		
					30	-1.24	-0.00065	PASS		
					40	1.24	0.00065	PASS		
					50	1.32	0.00069	PASS		
		3	LCH	VN	-30	-1.95	-0.00105	PASS		
					-20	-13.07	-0.00706	PASS		
					-10	-2.89	-0.00156	PASS		
					0	-9.76	-0.00527	PASS		
					10	-0.03	-0.00002	PASS		
					20	0.30	0.00016	PASS		
					30	-6.42	-0.00347	PASS		
					40	0.06	0.00003	PASS		
					50	-7.57	-0.00409	PASS		
					MCH	VN	-30	5.72	0.00304	PASS
							-20	-11.70	-0.00622	PASS
							-10	-3.86	-0.00205	PASS
			0	-2.33			-0.00124	PASS		
			10	-4.06			-0.00216	PASS		
			20	-10.41			-0.00554	PASS		
			30	6.35			0.00338	PASS		
			40	-2.03			-0.00108	PASS		
			50	-0.13			-0.00007	PASS		
			HCH	VN			-30	-9.14	-0.00479	PASS
							-20	-6.58	-0.00345	PASS
							-10	-8.07	-0.00423	PASS
					0	1.44	0.00075	PASS		
					10	-7.65	-0.00401	PASS		
					20	-2.63	-0.00138	PASS		
		30			-7.00	-0.00367	PASS			
40	0.83	0.00043			PASS					
50	-0.37	-0.00019	PASS							
5	LCH	VN	-30	-2.70	-0.00146	PASS				
			-20	-1.79	-0.00097	PASS				
			-10	-0.79	-0.00043	PASS				



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					0	1.32	0.00071	PASS			
					10	1.80	0.00097	PASS			
					20	-9.34	-0.00504	PASS			
					30	2.25	0.00121	PASS			
					40	1.52	0.00082	PASS			
					50	-6.98	-0.00377	PASS			
			MCH	VN	-30	-5.18	-0.00276	PASS			
					-20	-3.46	-0.00184	PASS			
					-10	-5.18	-0.00276	PASS			
					0	-0.66	-0.00035	PASS			
					10	-5.09	-0.00271	PASS			
					20	-5.99	-0.00319	PASS			
					30	1.34	0.00071	PASS			
					40	0.67	0.00036	PASS			
			HCH	VN	50	-0.20	-0.00011	PASS			
					-30	-7.51	-0.00394	PASS			
					-20	-3.69	-0.00193	PASS			
					-10	-1.63	-0.00085	PASS			
					0	-1.85	-0.00097	PASS			
					10	-4.48	-0.00235	PASS			
					20	-1.43	-0.00075	PASS			
					30	-2.27	-0.00119	PASS			
			LCH	VN	40	-5.92	-0.0031	PASS			
					50	0.33	0.00017	PASS			
					-30	1.57	0.00085	PASS			
					-20	4.94	0.00266	PASS			
					-10	0.37	0.0002	PASS			
					0	1.00	0.00054	PASS			
					10	2.68	0.00144	PASS			
					20	-1.26	-0.00068	PASS			
			MCH	VN	30	0.83	0.00045	PASS			
					40	0.56	0.0003	PASS			
					50	-1.24	-0.00067	PASS			
					-30	-6.49	-0.00345	PASS			
					-20	-2.20	-0.00117	PASS			
					-10	-3.72	-0.00198	PASS			
								0	-2.98	-0.00159	PASS
								10	0.39	0.00021	PASS





Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					20	0.19	0.0001	PASS		
					30	-0.51	-0.00027	PASS		
					40	0.80	0.00043	PASS		
					50	-1.66	-0.00088	PASS		
			HCH	VN	-30	0.66	0.00035	PASS		
					-20	1.46	0.00077	PASS		
					-10	-0.50	-0.00026	PASS		
					0	-2.07	-0.00109	PASS		
					10	1.53	0.0008	PASS		
					20	-0.09	-0.00005	PASS		
					30	0.70	0.00037	PASS		
					40	1.60	0.00084	PASS		
					50	0.23	0.00012	PASS		
					LCH	VN	-30	2.35	0.00127	PASS
		-20	1.95	0.00105			PASS			
		-10	3.78	0.00203			PASS			
		0	3.65	0.00197			PASS			
		10	2.93	0.00158			PASS			
		20	-3.59	-0.00193			PASS			
		30	2.70	0.00145			PASS			
		40	4.32	0.00233			PASS			
		50	0.43	0.00023			PASS			
		MCH	VN	-30			-5.94	-0.00316	PASS	
				-20			-4.72	-0.00251	PASS	
				-10			-5.34	-0.00284	PASS	
				0			-3.48	-0.00185	PASS	
				10			-4.98	-0.00265	PASS	
				20	-4.28	-0.00228	PASS			
				30	-3.83	-0.00204	PASS			
				40	-2.59	-0.00138	PASS			
		HCH	VN	-30	1.02	0.00054	PASS			
				-20	0.14	0.00007	PASS			
				-10	-1.20	-0.00063	PASS			
				0	1.07	0.00056	PASS			
				10	2.07	0.00109	PASS			
				20	1.22	0.00064	PASS			
				30	1.10	0.00058	PASS			
		15					-30	2.35	0.00127	PASS
							-20	1.95	0.00105	PASS
							-10	3.78	0.00203	PASS
0	3.65						0.00197	PASS		
10	2.93						0.00158	PASS		
20	-3.59						-0.00193	PASS		
30	2.70						0.00145	PASS		
40	4.32						0.00233	PASS		
50	0.43						0.00023	PASS		
-30	-5.94						-0.00316	PASS		
-20	-4.72						-0.00251	PASS		
-10	-5.34						-0.00284	PASS		
0	-3.48						-0.00185	PASS		
10	-4.98						-0.00265	PASS		
20	-4.28			-0.00228	PASS					
30	-3.83			-0.00204	PASS					
40	-2.59	-0.00138	PASS							
50	-4.71	-0.00251	PASS							
-30	1.02	0.00054	PASS							
-20	0.14	0.00007	PASS							
-10	-1.20	-0.00063	PASS							
0	1.07	0.00056	PASS							
10	2.07	0.00109	PASS							
20	1.22	0.00064	PASS							
30	1.10	0.00058	PASS							



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	0.82	0.00043	PASS	
					50	0.79	0.00042	PASS	
		20	LCH	VN	-30	-4.19	-0.00225	PASS	
					-20	-0.96	-0.00052	PASS	
					-10	1.09	0.00059	PASS	
					0	0.92	0.00049	PASS	
					10	-0.56	-0.0003	PASS	
					20	1.86	0.001	PASS	
					30	0.63	0.00034	PASS	
					40	1.65	0.00089	PASS	
					50	0.57	0.00031	PASS	
					MCH	VN	-30	-4.82	-0.00256
			-20	-2.55			-0.00136	PASS	
			-10	-3.81			-0.00203	PASS	
			0	-2.39			-0.00127	PASS	
			10	-1.56			-0.00083	PASS	
			20	-1.42			-0.00076	PASS	
			30	-2.13			-0.00113	PASS	
			40	-1.97			-0.00105	PASS	
			HCH	VN	50	-2.26	-0.0012	PASS	
					-30	-3.56	-0.00187	PASS	
					-20	-0.89	-0.00047	PASS	
					-10	-1.75	-0.00092	PASS	
					0	-2.22	-0.00117	PASS	
					10	-0.92	-0.00048	PASS	
					20	-1.79	-0.00094	PASS	
					30	-1.49	-0.00078	PASS	
			40	-2.63	-0.00138	PASS			
						50	-3.75	-0.00197	PASS

END