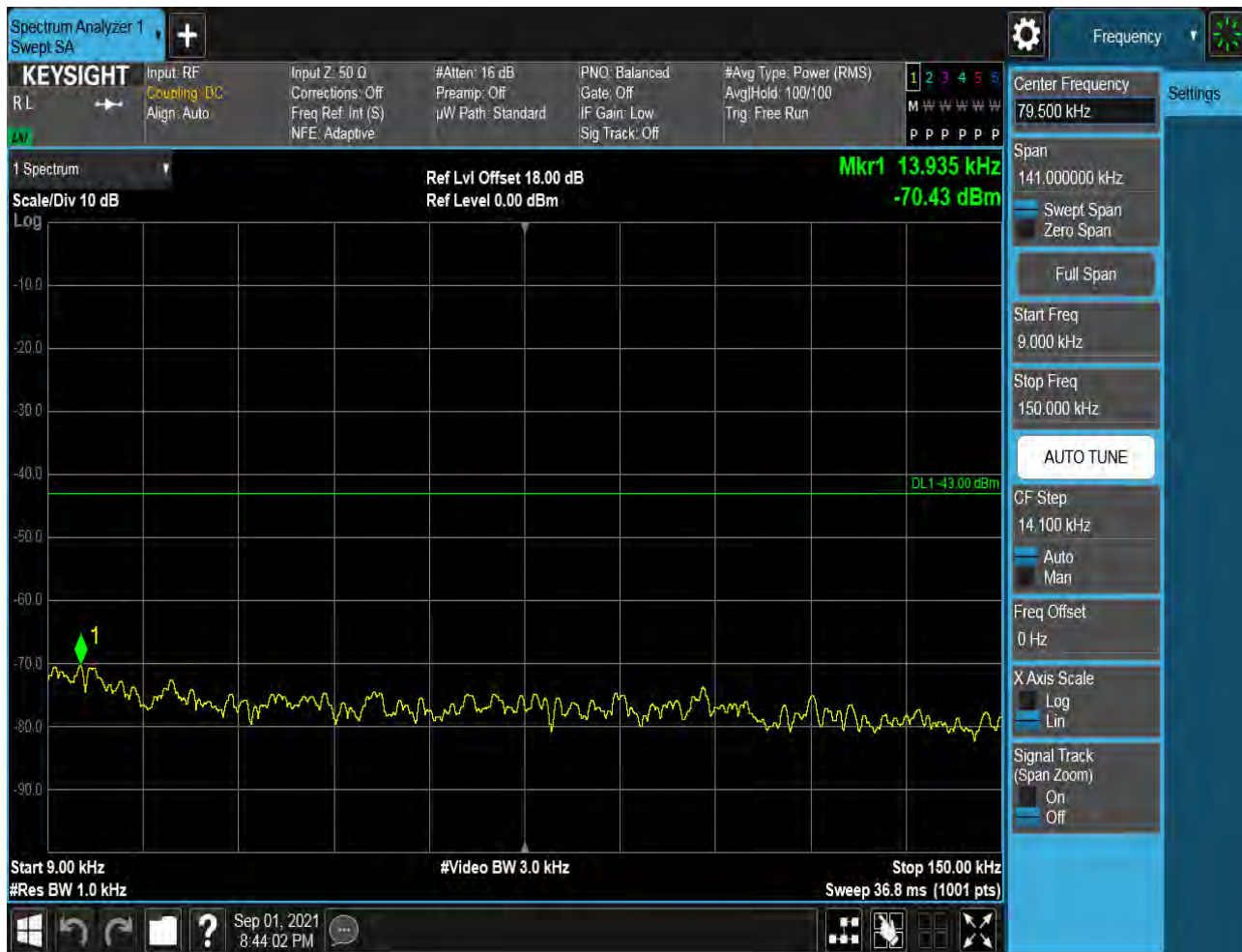
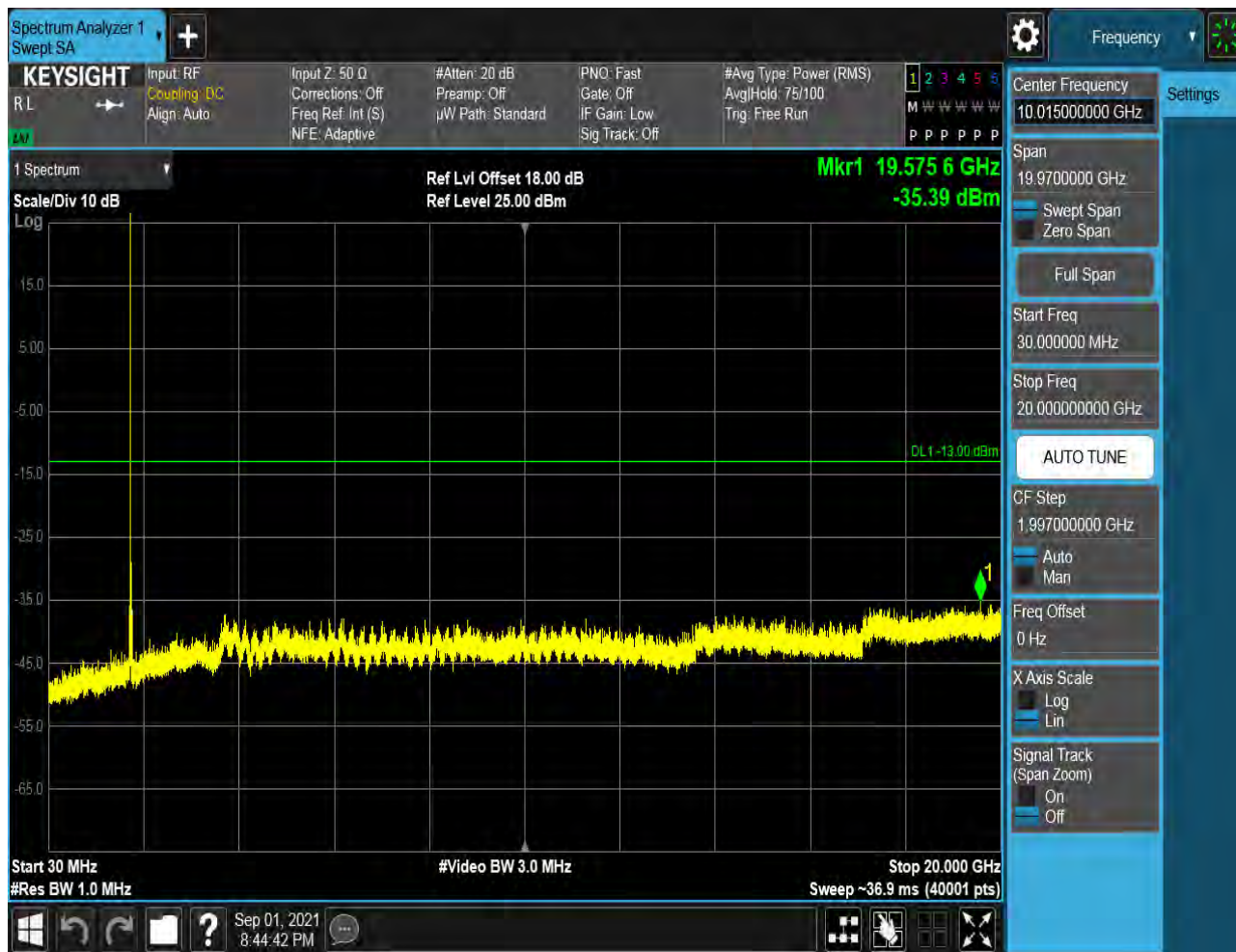


6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

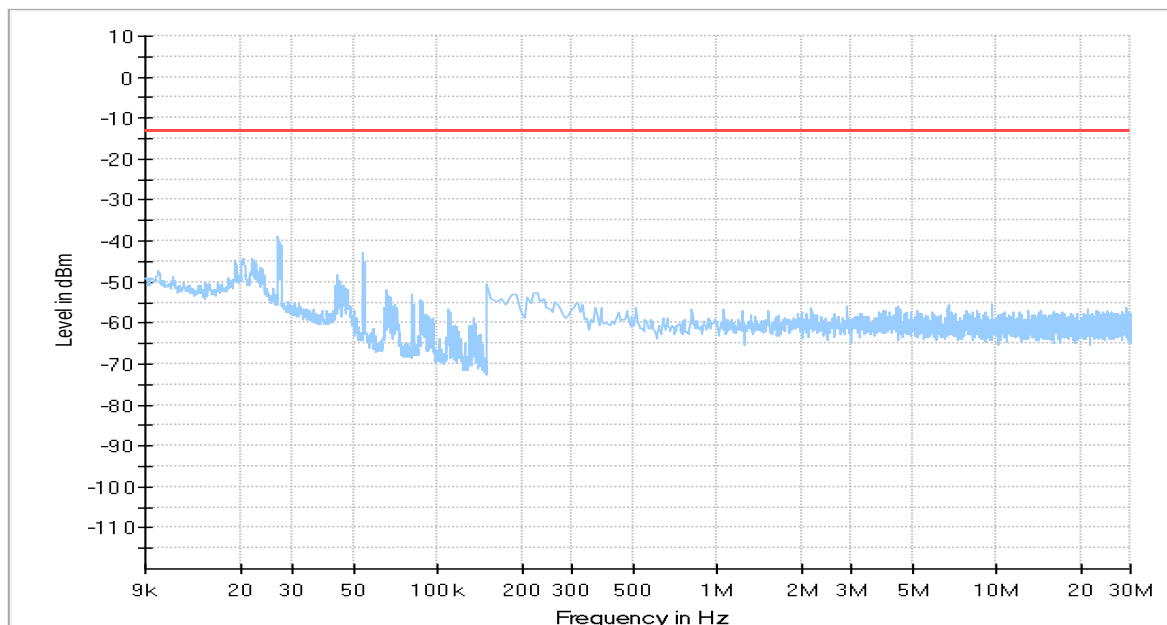
Part I - Test Plots

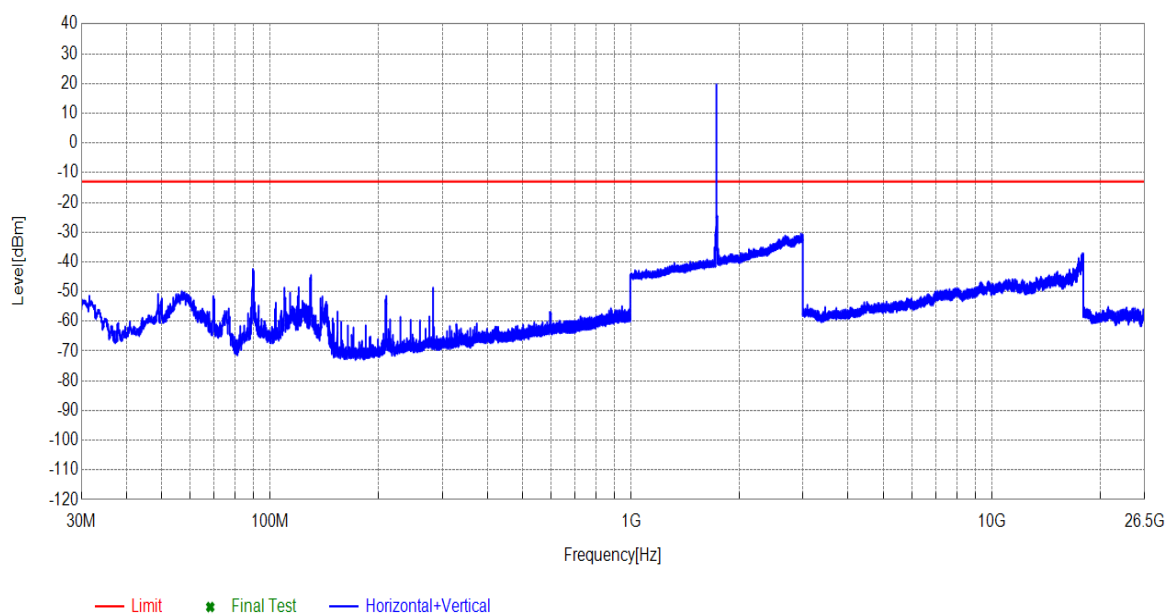
7.1 For LTE

7.1.1 Test Band = Band4

7.1.1.1 Test Bandwidth = 1.4

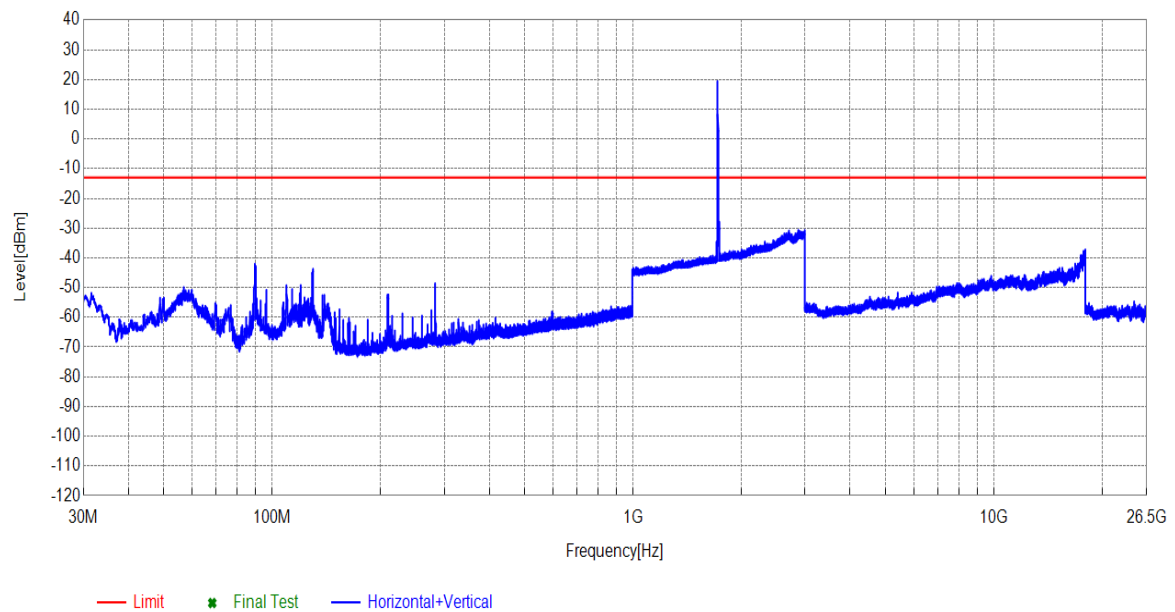
Worst case





7.1.1.2 Test Bandwidth = 20

Worst case



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band4	LTE/TM1	1.4	LCH	TN	VL	2.01702	0.00118	PASS
					VN	-73.87161	-0.04318	PASS
					VH	10.31399	0.00603	PASS
			MCH	TN	VL	-12.18796	-0.00703	PASS
					VN	3.31879	0.00192	PASS
					VH	87.40425	0.05045	PASS
			HCH	TN	VL	66.90502	0.03814	PASS
					VN	1.60217	0.00091	PASS
					VH	28.93925	0.01650	PASS
		3	LCH	TN	VL	12.44545	0.00727	PASS
					VN	8.58307	0.00501	PASS
					VH	3.61919	0.00211	PASS
			MCH	TN	VL	4.54903	0.00263	PASS
					VN	1.01566	0.00059	PASS
					VH	-2.57492	-0.00149	PASS
			HCH	TN	VL	7.19547	0.00410	PASS
					VN	6.10828	0.00348	PASS
					VH	1.67370	0.00095	PASS
		5	LCH	TN	VL	6.55174	0.00383	PASS
					VN	0.02861	0.00002	PASS
					VH	-3.60489	-0.00211	PASS
			MCH	TN	VL	8.91209	0.00514	PASS
					VN	-1.24455	-0.00072	PASS
					VH	3.46184	0.00200	PASS
			HCH	TN	VL	3.23296	0.00184	PASS
					VN	5.02109	0.00287	PASS
					VH	-5.86510	-0.00335	PASS
		10	LCH	TN	VL	2.64645	0.00154	PASS
					VN	5.29289	0.00309	PASS
					VH	1.33038	0.00078	PASS
			MCH	TN	VL	-2.18868	-0.00126	PASS
					VN	-1.67370	-0.00097	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	-2.27451	-0.00131	PASS
					VL	-0.52929	-0.00030	PASS
					VN	3.14712	0.00180	PASS
					VH	-2.41756	-0.00138	PASS
		15	LCH	TN	VL	0.48637	0.00028	PASS
					VN	0.80109	0.00047	PASS
					VH	1.13010	0.00066	PASS
			MCH	TN	VL	-3.29018	-0.00190	PASS
					VN	-1.61648	-0.00093	PASS
					VH	-1.70231	-0.00098	PASS
			HCH	TN	VL	-0.85831	-0.00049	PASS
					VN	2.67506	0.00153	PASS
					VH	-0.97275	-0.00056	PASS
		20	LCH	TN	VL	0.65804	0.00038	PASS
					VN	0.08583	0.00005	PASS
					VH	-0.67234	-0.00039	PASS
			MCH	TN	VL	-1.07288	-0.00062	PASS
					VN	-1.25885	-0.00073	PASS
					VH	-0.98705	-0.00057	PASS
			HCH	TN	VL	-0.42915	-0.00025	PASS
					VN	3.84808	0.00221	PASS
					VH	5.52177	0.00316	PASS
	LTE/TM2	1.4	LCH	TN	VL	-7.49588	-0.00438	PASS
					VN	74.28646	0.04342	PASS
					VH	-9.04083	-0.00528	PASS
			MCH	TN	VL	56.57673	0.03266	PASS
					VN	-32.30095	-0.01864	PASS
					VH	69.35120	0.04003	PASS
			HCH	TN	VL	-107.47430	-0.06126	PASS
					VN	-6.53744	-0.00373	PASS
					VH	-105.28560	-0.06002	PASS
		3	LCH	TN	VL	1.91688	0.00112	PASS
					VN	-2.77519	-0.00162	PASS
					VH	3.57628	0.00209	PASS
			MCH	TN	VL	-2.67506	-0.00154	PASS
					VN	4.09126	0.00236	PASS
					VH	-0.47207	-0.00027	PASS
			HCH	TN	VL	-12.34531	-0.00704	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	-0.55790	-0.00032	PASS
					VH	6.02245	0.00343	PASS
		5	LCH	TN	VL	3.27587	0.00191	PASS
					VN	-2.67506	-0.00156	PASS
					VH	-2.83241	-0.00165	PASS
			MCH	TN	VL	-0.94414	-0.00054	PASS
					VN	-3.69072	-0.00213	PASS
					VH	8.55446	0.00494	PASS
			HCH	TN	VL	6.48022	0.00370	PASS
					VN	-0.58651	-0.00033	PASS
					VH	4.92096	0.00281	PASS
		10	LCH	TN	VL	-1.13010	-0.00066	PASS
					VN	6.59466	0.00385	PASS
					VH	3.96252	0.00231	PASS
			MCH	TN	VL	-3.31879	-0.00192	PASS
					VN	3.79086	0.00219	PASS
					VH	-1.02997	-0.00059	PASS
			HCH	TN	VL	3.40462	0.00195	PASS
					VN	2.07424	0.00119	PASS
					VH	-1.83106	-0.00105	PASS
		15	LCH	TN	VL	3.10421	0.00181	PASS
					VN	1.91688	0.00112	PASS
					VH	1.08719	0.00063	PASS
			MCH	TN	VL	1.61648	0.00093	PASS
					VN	-0.97275	-0.00056	PASS
					VH	-1.33038	-0.00077	PASS
			HCH	TN	VL	3.21865	0.00184	PASS
					VN	-2.80380	-0.00160	PASS
					VH	-0.35763	-0.00020	PASS
		20	LCH	TN	VL	0.20027	0.00012	PASS
					VN	-1.40190	-0.00082	PASS
					VH	0.74387	0.00043	PASS
			MCH	TN	VL	2.68936	0.00155	PASS
					VN	-1.07288	-0.00062	PASS
					VH	-2.74658	-0.00159	PASS
			HCH	TN	VL	1.33038	0.00076	PASS
					VN	-1.73092	-0.00099	PASS
					VH	-1.07288	-0.00061	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
Band4	LTE/TM1	1.4	LCH	VN	-30	-53.37238	-0.03120	PASS
					-20	-29.85477	-0.01745	PASS
					-10	-100.86540	-0.05896	PASS
					0	54.13055	0.03164	PASS
					10	-92.42535	-0.05403	PASS
					20	-73.87161	-0.04318	PASS
					30	0.44346	0.00026	PASS
					40	-76.26057	-0.04458	PASS
					50	-92.31091	-0.05396	PASS
			MCH	VN	-30	1.15871	0.00067	PASS
					-20	21.67225	0.01251	PASS
					-10	83.32729	0.04810	PASS
					0	167.15530	0.09648	PASS
					10	8.01086	0.00462	PASS
					20	3.31879	0.00192	PASS
					30	62.85667	0.03628	PASS
					40	7.10964	0.00410	PASS
					50	96.90285	0.05593	PASS
			HCH	VN	-30	-120.46340	-0.06867	PASS
					-20	6.27994	0.00358	PASS
					-10	-7.08103	-0.00404	PASS
					0	84.45740	0.04814	PASS
					10	16.72268	0.00953	PASS
					20	1.60217	0.00091	PASS
					30	166.12530	0.09470	PASS
					40	2.77519	0.00158	PASS
					50	-101.62350	-0.05793	PASS
		3	LCH	VN	-30	5.20706	0.00304	PASS
					-20	0.62943	0.00037	PASS
					-10	5.75066	0.00336	PASS
					0	7.41005	0.00433	PASS
					10	8.78334	0.00513	PASS
					20	8.58307	0.00501	PASS
					30	5.03540	0.00294	PASS
					40	-2.16007	-0.00126	PASS
					50	3.70503	0.00216	PASS
			MCH	VN	-30	-8.46863	-0.00489	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-5.27859	-0.00305	PASS
					-10	1.58787	0.00092	PASS
					0	4.83513	0.00279	PASS
					10	2.98977	0.00173	PASS
					20	1.01566	0.00059	PASS
					30	10.57148	0.00610	PASS
					40	7.55310	0.00436	PASS
					50	0.37193	0.00021	PASS
			HCH	VN	-30	7.09534	0.00405	PASS
					-20	1.77383	0.00101	PASS
					-10	8.66890	0.00494	PASS
					0	-8.02517	-0.00458	PASS
					10	1.28746	0.00073	PASS
					20	6.10828	0.00348	PASS
					30	0.07153	0.00004	PASS
					40	4.37737	0.00250	PASS
					50	-2.70367	-0.00154	PASS
		5	LCH	VN	-30	-0.40054	-0.00023	PASS
					-20	-1.08719	-0.00063	PASS
					-10	0.80109	0.00047	PASS
					0	7.20978	0.00421	PASS
					10	12.61711	0.00737	PASS
					20	0.02861	0.00002	PASS
					30	5.16415	0.00302	PASS
					40	6.78062	0.00396	PASS
					50	0.78678	0.00046	PASS
			MCH	VN	-30	1.15871	0.00067	PASS
					-20	-1.57356	-0.00091	PASS
					-10	3.07560	0.00178	PASS
					0	2.13146	0.00123	PASS
					10	7.98225	0.00461	PASS
					20	-1.24455	-0.00072	PASS
					30	-6.06537	-0.00350	PASS
					40	6.62327	0.00382	PASS
					50	-3.01838	-0.00174	PASS
			HCH	VN	-30	-2.67506	-0.00153	PASS
					-20	-6.49452	-0.00371	PASS
					-10	2.97546	0.00170	PASS
					0	3.70503	0.00211	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-0.95844	-0.00055	PASS
					20	5.02109	0.00287	PASS
					30	6.85215	0.00391	PASS
					40	1.20163	0.00069	PASS
					50	1.51634	0.00087	PASS
		10	LCH	VN	-30	-0.11444	-0.00007	PASS
					-20	6.03676	0.00352	PASS
					-10	0.82970	0.00048	PASS
					0	0.24319	0.00014	PASS
					10	2.48909	0.00145	PASS
					20	5.29289	0.00309	PASS
					30	-0.75817	-0.00044	PASS
					40	3.13282	0.00183	PASS
					50	-0.68665	-0.00040	PASS
			MCH	VN	-30	1.21593	0.00070	PASS
					-20	5.55039	0.00320	PASS
					-10	2.58923	0.00149	PASS
					0	0.47207	0.00027	PASS
					10	0.91553	0.00053	PASS
					20	-1.67370	-0.00097	PASS
					30	3.34740	0.00193	PASS
					40	-0.62943	-0.00036	PASS
					50	0.44346	0.00026	PASS
			HCH	VN	-30	1.02997	0.00059	PASS
					-20	-3.41892	-0.00195	PASS
					-10	5.09262	0.00291	PASS
					0	2.16007	0.00123	PASS
					10	1.64509	0.00094	PASS
					20	3.14712	0.00180	PASS
					30	-5.17845	-0.00296	PASS
					40	-0.02861	-0.00002	PASS
					50	1.17302	0.00067	PASS
		15	LCH	VN	-30	-1.40190	-0.00082	PASS
					-20	1.65939	0.00097	PASS
					-10	2.27451	0.00132	PASS
					0	3.34740	0.00195	PASS
					10	0.65804	0.00038	PASS
					20	0.80109	0.00047	PASS
					30	3.34740	0.00195	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-4.87804	-0.00284	PASS
					50	-7.48158	-0.00436	PASS
			MCH	VN	-30	-0.91553	-0.00053	PASS
					-20	0.35763	0.00021	PASS
					-10	2.70367	0.00156	PASS
					0	3.59058	0.00207	PASS
					10	0.57220	0.00033	PASS
					20	-1.61648	-0.00093	PASS
					30	0.60081	0.00035	PASS
					40	6.22272	0.00359	PASS
					50	5.20706	0.00301	PASS
			HCH	VN	-30	1.75953	0.00101	PASS
					-20	-0.61512	-0.00035	PASS
					-10	2.83241	0.00162	PASS
					0	-0.67234	-0.00038	PASS
					10	-1.31607	-0.00075	PASS
					20	2.67506	0.00153	PASS
					30	0.38624	0.00022	PASS
					40	-1.30177	-0.00074	PASS
					50	-0.91553	-0.00052	PASS
		20	LCH	VN	-30	-4.53472	-0.00264	PASS
					-20	1.10149	0.00064	PASS
					-10	-0.01431	-0.00001	PASS
					0	2.00272	0.00116	PASS
					10	0.21458	0.00012	PASS
					20	0.08583	0.00005	PASS
					30	-1.25885	-0.00073	PASS
					40	-0.44346	-0.00026	PASS
					50	0.10014	0.00006	PASS
			MCH	VN	-30	0.00000	0.00000	PASS
					-20	-0.22888	-0.00013	PASS
					-10	1.73092	0.00100	PASS
					0	2.54631	0.00147	PASS
					10	1.05858	0.00061	PASS
					20	-1.25885	-0.00073	PASS
					30	1.24455	0.00072	PASS
					40	-0.94414	-0.00054	PASS
					50	2.64645	0.00153	PASS
			HCH	VN	-30	1.43051	0.00082	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	2.68936	0.00154	PASS
					-10	0.82970	0.00048	PASS
					0	-1.20163	-0.00069	PASS
					10	-1.68800	-0.00097	PASS
					20	3.84808	0.00221	PASS
					30	-0.11444	-0.00007	PASS
					40	-1.15871	-0.00066	PASS
					50	1.80244	0.00103	PASS
	LTE/TM2	1.4	LCH	VN	-30	-7.28130	-0.00426	PASS
					-20	28.61023	0.01672	PASS
					-10	-79.96559	-0.04674	PASS
					0	-210.35670	-0.12297	PASS
					10	9.41277	0.00550	PASS
					20	74.28646	0.04342	PASS
					30	-185.03670	-0.10816	PASS
					40	-69.68021	-0.04073	PASS
					50	-47.17827	-0.02758	PASS
			MCH	VN	-30	2.21729	0.00128	PASS
					-20	-92.74006	-0.05353	PASS
					-10	0.65804	0.00038	PASS
					0	18.69678	0.01079	PASS
					10	153.60830	0.08866	PASS
					20	-32.30095	-0.01864	PASS
					30	3.16143	0.00182	PASS
					40	13.94749	0.00805	PASS
					50	1.47343	0.00085	PASS
			HCH	VN	-30	-16.57963	-0.00945	PASS
					-20	-50.12512	-0.02857	PASS
					-10	-10.84328	-0.00618	PASS
					0	-1.41621	-0.00081	PASS
					10	4.87804	0.00278	PASS
					20	-6.53744	-0.00373	PASS
					30	-11.37257	-0.00648	PASS
					40	13.21793	0.00753	PASS
					50	-23.27442	-0.01327	PASS
		3	LCH	VN	-30	-1.81675	-0.00106	PASS
					-20	12.15935	0.00710	PASS
					-10	-1.44482	-0.00084	PASS
					0	-5.47886	-0.00320	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.07424	-0.00121	PASS
					20	-2.77519	-0.00162	PASS
					30	-1.54495	-0.00090	PASS
					40	2.56062	0.00150	PASS
					50	5.53608	0.00323	PASS
			MCH	VN	-30	3.56197	0.00206	PASS
					-20	2.48909	0.00144	PASS
					-10	6.23703	0.00360	PASS
					0	-10.57148	-0.00610	PASS
					10	-7.96795	-0.00460	PASS
					20	4.09126	0.00236	PASS
					30	1.88827	0.00109	PASS
					40	1.71661	0.00099	PASS
					50	1.34468	0.00078	PASS
			HCH	VN	-30	-2.84672	-0.00162	PASS
					-20	2.60353	0.00148	PASS
					-10	5.60761	0.00320	PASS
					0	-2.08855	-0.00119	PASS
					10	-5.42164	-0.00309	PASS
					20	-0.55790	-0.00032	PASS
					30	1.24455	0.00071	PASS
					40	7.19547	0.00410	PASS
					50	9.09805	0.00519	PASS
		5	LCH	VN	-30	-8.42571	-0.00492	PASS
					-20	1.98841	0.00116	PASS
					-10	2.13146	0.00124	PASS
					0	0.84400	0.00049	PASS
					10	-1.24455	-0.00073	PASS
					20	-2.67506	-0.00156	PASS
					30	-1.60217	-0.00094	PASS
					40	0.70095	0.00041	PASS
					50	-1.23024	-0.00072	PASS
			MCH	VN	-30	4.04835	0.00234	PASS
					-20	3.53336	0.00204	PASS
					-10	1.84536	0.00107	PASS
					0	-3.30448	-0.00191	PASS
					10	5.30720	0.00306	PASS
					20	-3.69072	-0.00213	PASS
					30	5.35011	0.00309	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-0.75817	-0.00044	PASS
					50	3.30448	0.00191	PASS
			HCH	VN	-30	-2.24590	-0.00128	PASS
					-20	6.02245	0.00344	PASS
					-10	-2.28882	-0.00131	PASS
					0	-4.43459	-0.00253	PASS
					10	2.53200	0.00144	PASS
					20	-0.58651	-0.00033	PASS
					30	-2.23160	-0.00127	PASS
					40	4.10557	0.00234	PASS
					50	1.28746	0.00073	PASS
		10	LCH	VN	-30	3.14712	0.00184	PASS
					-20	-4.40597	-0.00257	PASS
					-10	3.30448	0.00193	PASS
					0	4.60625	0.00269	PASS
					10	3.13282	0.00183	PASS
					20	6.59466	0.00385	PASS
					30	6.72340	0.00392	PASS
					40	0.62943	0.00037	PASS
					50	-1.90258	-0.00111	PASS
			MCH	VN	-30	0.74387	0.00043	PASS
					-20	5.14984	0.00297	PASS
					-10	-0.67234	-0.00039	PASS
					0	0.52929	0.00031	PASS
					10	-1.15871	-0.00067	PASS
					20	3.79086	0.00219	PASS
					30	0.01431	0.00001	PASS
					40	-2.66075	-0.00154	PASS
					50	-0.10014	-0.00006	PASS
			HCH	VN	-30	4.04835	0.00231	PASS
					-20	5.50747	0.00315	PASS
					-10	0.11444	0.00007	PASS
					0	3.40462	0.00195	PASS
					10	2.57492	0.00147	PASS
					20	2.07424	0.00119	PASS
					30	-1.54495	-0.00088	PASS
					40	3.39031	0.00194	PASS
					50	-2.03133	-0.00116	PASS
		15	LCH	VN	-30	2.84672	0.00166	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	0.12875	0.00007	PASS
					-10	-1.08719	-0.00063	PASS
					0	2.16007	0.00126	PASS
					10	-0.44346	-0.00026	PASS
					20	1.91688	0.00112	PASS
					30	1.77383	0.00103	PASS
					40	0.11444	0.00007	PASS
					50	3.08990	0.00180	PASS
			MCH	VN	-30	-0.60081	-0.00035	PASS
					-20	-0.51498	-0.00030	PASS
					-10	2.66075	0.00154	PASS
					0	-0.51498	-0.00030	PASS
					10	-1.35899	-0.00078	PASS
					20	-0.97275	-0.00056	PASS
					30	-0.42915	-0.00025	PASS
					40	-0.17166	-0.00010	PASS
					50	0.70095	0.00040	PASS
			HCH	VN	-30	1.51634	0.00087	PASS
					-20	2.71797	0.00156	PASS
					-10	-2.30312	-0.00132	PASS
					0	-1.58787	-0.00091	PASS
					10	0.45776	0.00026	PASS
					20	-2.80380	-0.00160	PASS
					30	-0.82970	-0.00047	PASS
					40	3.13282	0.00179	PASS
					50	-3.64780	-0.00209	PASS
		20	LCH	VN	-30	-0.45776	-0.00027	PASS
					-20	-0.55790	-0.00032	PASS
					-10	-0.54359	-0.00032	PASS
					0	-1.53065	-0.00089	PASS
					10	1.95980	0.00114	PASS
					20	-1.40190	-0.00082	PASS
					30	-0.48637	-0.00028	PASS
					40	-4.16279	-0.00242	PASS
					50	1.87397	0.00109	PASS
			MCH	VN	-30	-2.44618	-0.00141	PASS
					-20	3.00407	0.00173	PASS
					-10	0.52929	0.00031	PASS
					0	1.93119	0.00111	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	1.74522	0.00101	PASS
					20	-1.07288	-0.00062	PASS
					30	0.67234	0.00039	PASS
					40	2.44618	0.00141	PASS
					50	-2.81811	-0.00163	PASS
			HCH	VN	-30	0.90122	0.00052	PASS
					-20	0.91553	0.00052	PASS
					-10	-0.02861	-0.00002	PASS
					0	1.23024	0.00071	PASS
					10	0.50068	0.00029	PASS
					20	-1.73092	-0.00099	PASS
					30	1.25885	0.00072	PASS
					40	-4.34875	-0.00249	PASS
					50	-3.70503	-0.00212	PASS

END