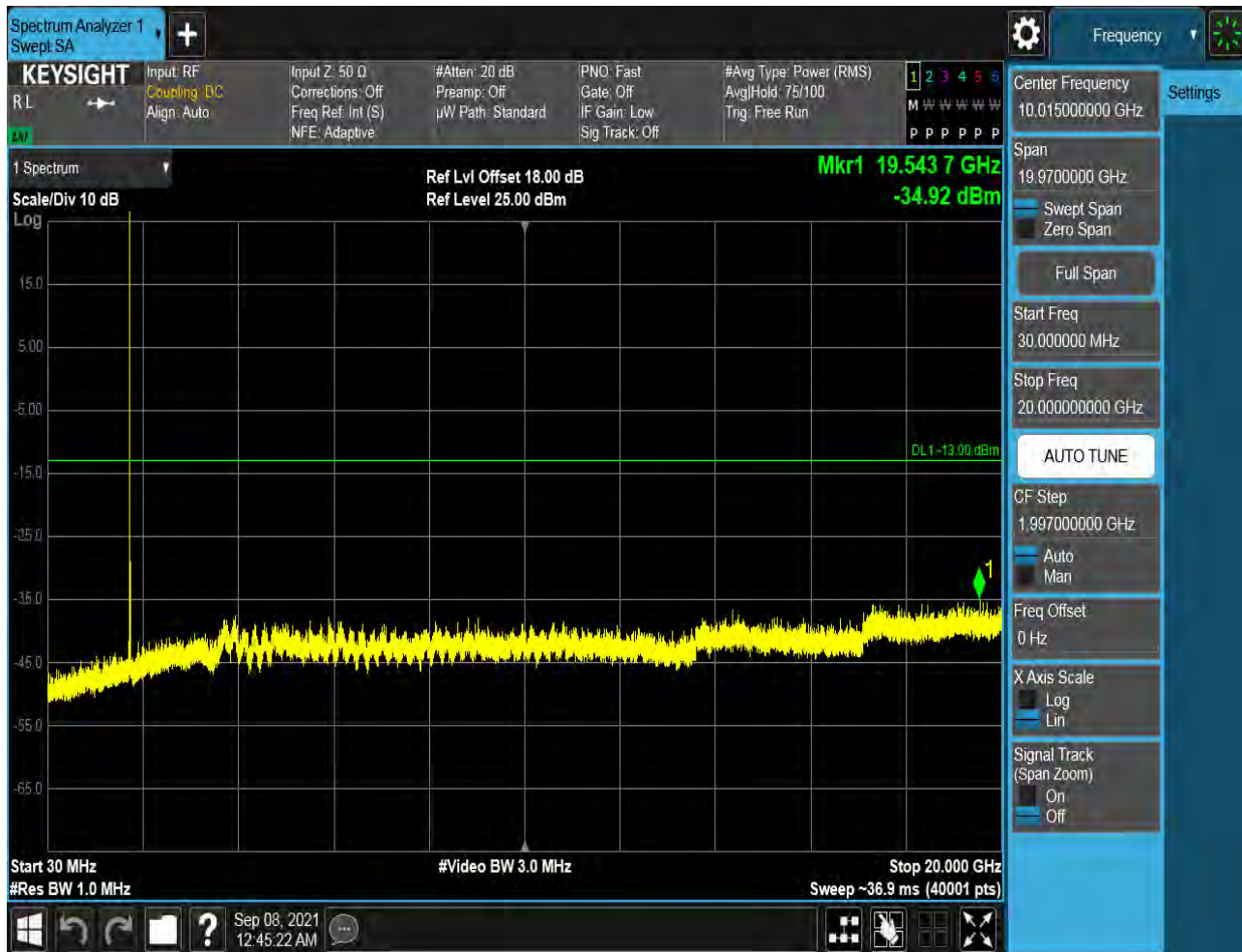
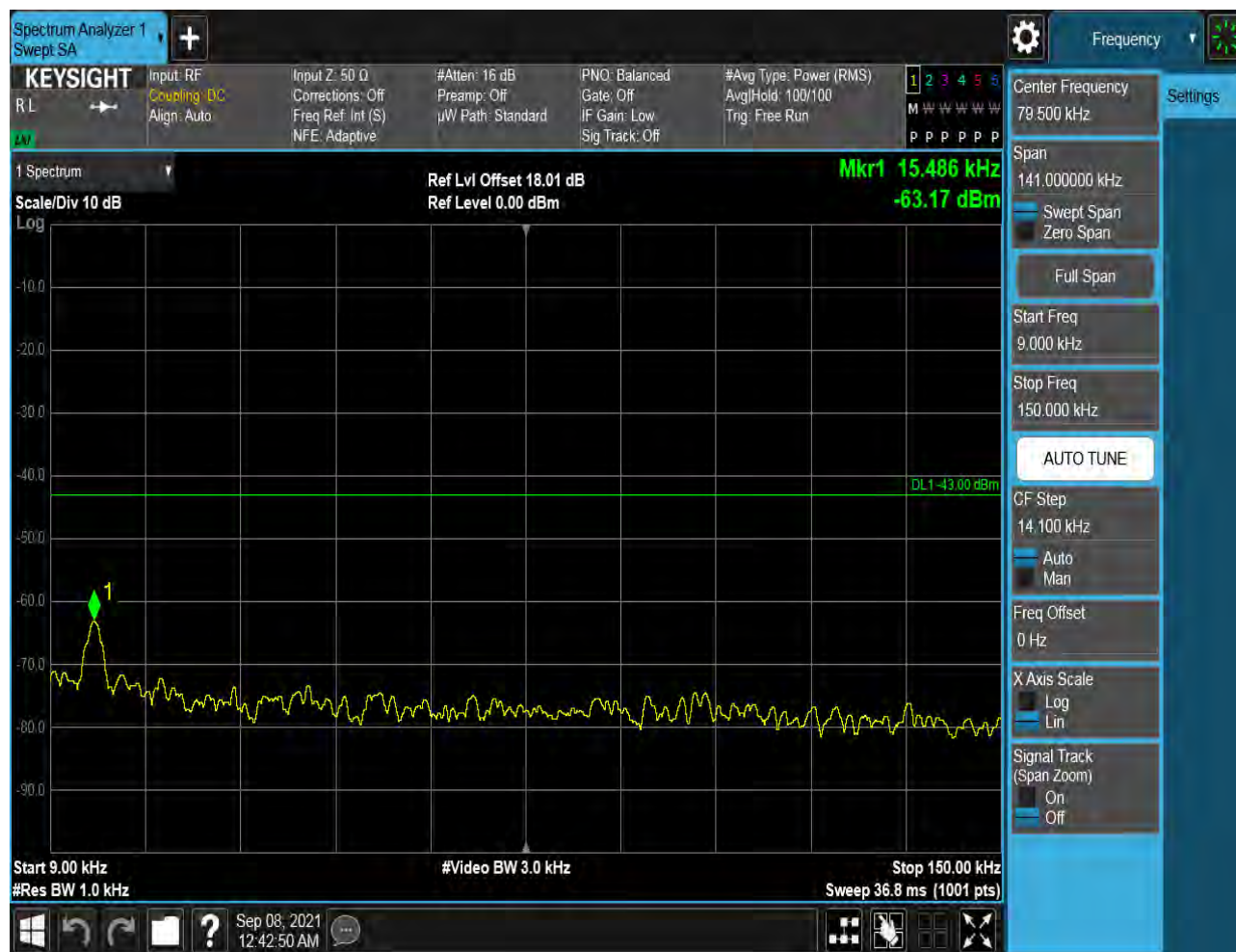


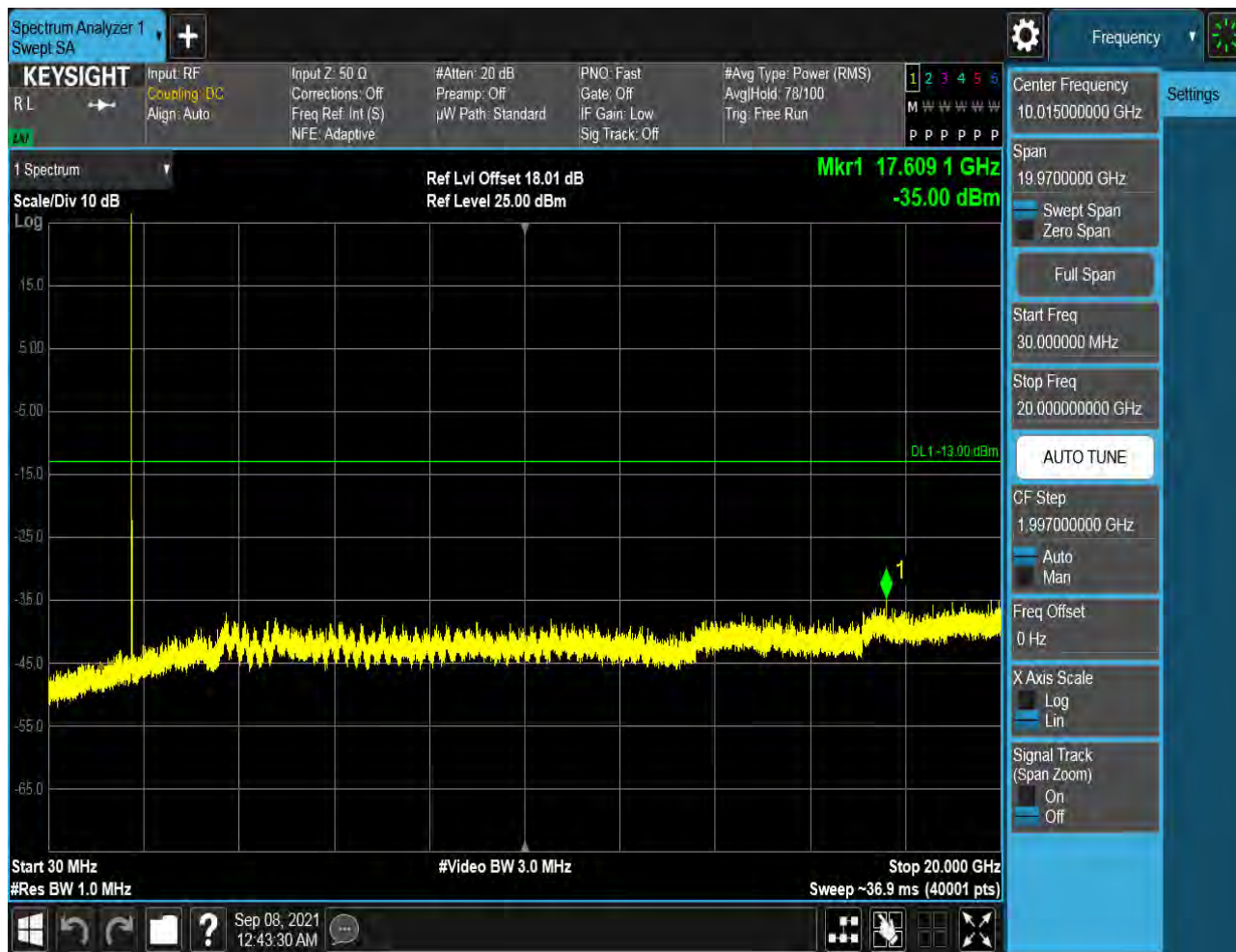


6.2.1.2.6.3 Test Channel = HCH

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

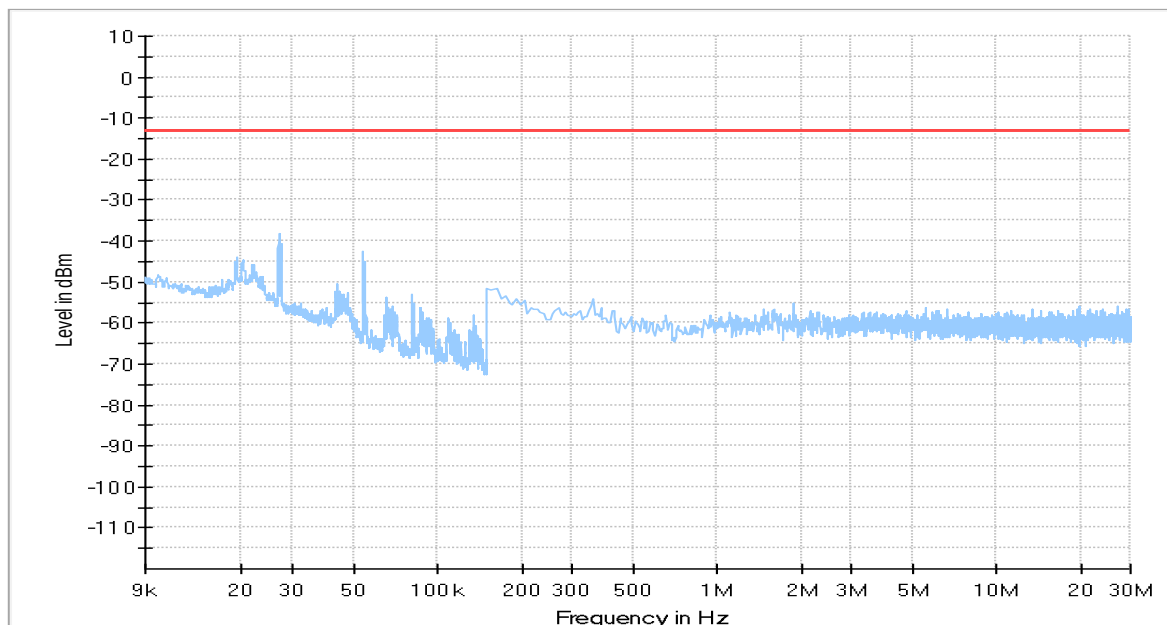
Part I - Test Plots

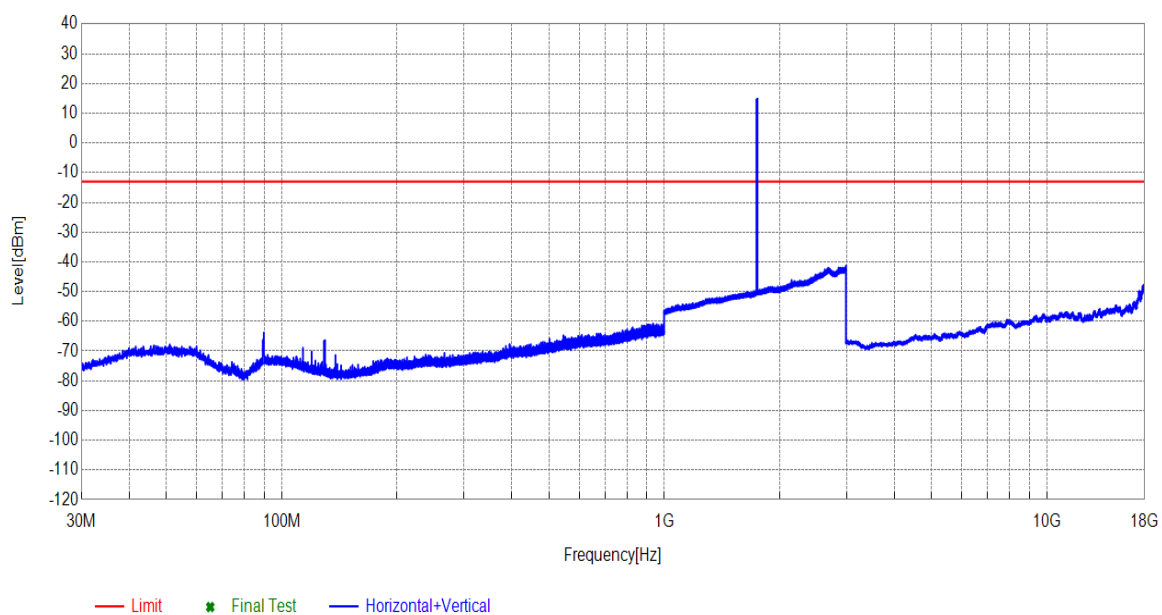
7.1 For LTE

7.1.1 Test Band = Band66

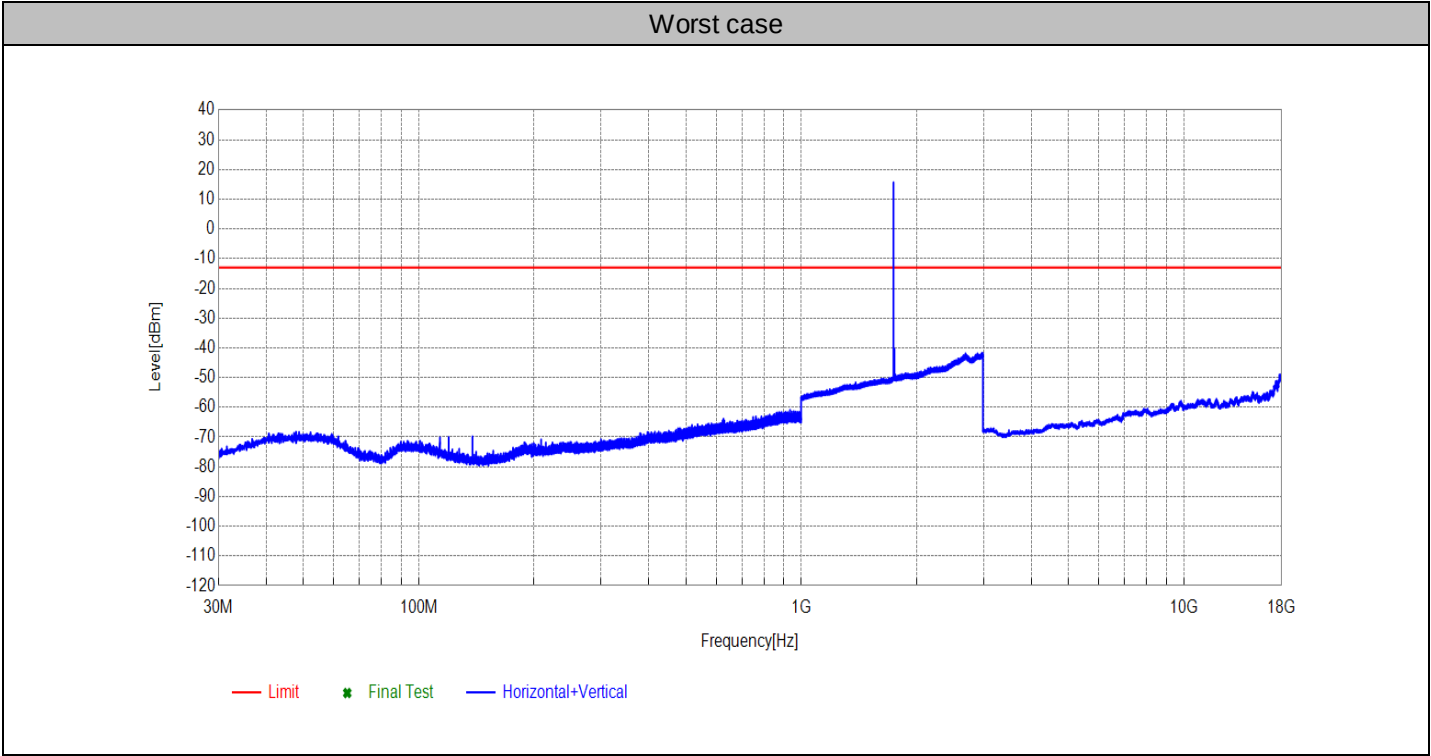
7.1.1.1 Test Bandwidth = 1.4

Worst case





7.1.1.2 Test Bandwidth = 20



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
Band66	LTE/TM1	1.4	LCH	TN	VL	90.52277	0.05292	PASS
					VN	87.53300	0.05117	PASS
					VH	-8.02517	-0.00469	PASS
			MCH	TN	VL	-55.94730	-0.03206	PASS
					VN	-6.59466	-0.00378	PASS
					VH	-38.56659	-0.02210	PASS
			HCH	TN	VL	-18.33916	-0.01031	PASS
					VN	-24.41883	-0.01372	PASS
					VH	95.47234	0.05366	PASS
		3	LCH	TN	VL	6.85215	0.00400	PASS
					VN	0.37193	0.00022	PASS
					VH	-3.13282	-0.00183	PASS
			MCH	TN	VL	4.72069	0.00271	PASS
					VN	2.13146	0.00122	PASS
					VH	0.55790	0.00032	PASS
			HCH	TN	VL	-0.12875	-0.00007	PASS
					VN	12.38823	0.00697	PASS
					VH	-7.10964	-0.00400	PASS
		5	LCH	TN	VL	7.05242	0.00412	PASS
					VN	-0.92983	-0.00054	PASS
					VH	2.57492	0.00150	PASS
			MCH	TN	VL	4.84943	0.00278	PASS
					VN	2.46048	0.00141	PASS
					VH	0.98705	0.00057	PASS
			HCH	TN	VL	-4.34875	-0.00245	PASS
					VN	2.67506	0.00150	PASS
					VH	1.71661	0.00097	PASS
		10	LCH	TN	VL	-7.88212	-0.00460	PASS
					VN	-3.37601	-0.00197	PASS
					VH	-11.17229	-0.00651	PASS
			MCH	TN	VL	0.45776	0.00026	PASS
					VN	-1.43051	-0.00082	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	-0.77248	-0.00044	PASS
					VL	-3.26157	-0.00184	PASS
					VN	-0.72956	-0.00041	PASS
					VH	-1.38760	-0.00078	PASS
		15	LCH	TN	VL	-1.41621	-0.00082	PASS
					VN	1.57356	0.00092	PASS
					VH	4.87804	0.00284	PASS
			MCH	TN	VL	0.11444	0.00007	PASS
					VN	-3.59058	-0.00206	PASS
					VH	-1.61648	-0.00093	PASS
			HCH	TN	VL	1.05858	0.00060	PASS
					VN	-0.60081	-0.00034	PASS
					VH	4.19140	0.00236	PASS
		20	LCH	TN	VL	5.35011	0.00311	PASS
					VN	-0.25749	-0.00015	PASS
					VH	2.83241	0.00165	PASS
			MCH	TN	VL	0.45776	0.00026	PASS
					VN	-0.75817	-0.00043	PASS
					VH	-3.73364	-0.00214	PASS
			HCH	TN	VL	-0.92983	-0.00053	PASS
					VN	-2.57492	-0.00145	PASS
					VH	0.11444	0.00006	PASS
	LTE/TM2	1.4	LCH	TN	VL	-107.44570	-0.06281	PASS
					VN	0.40054	0.00023	PASS
					VH	88.03368	0.05146	PASS
			MCH	TN	VL	10.14233	0.00581	PASS
					VN	-0.50068	-0.00029	PASS
					VH	63.55762	0.03642	PASS
			HCH	TN	VL	-11.45840	-0.00644	PASS
					VN	-22.41611	-0.01260	PASS
					VH	-32.61566	-0.01833	PASS
		3	LCH	TN	VL	-9.87053	-0.00577	PASS
					VN	6.58035	0.00384	PASS
					VH	1.74522	0.00102	PASS
			MCH	TN	VL	5.02109	0.00288	PASS
					VN	6.46591	0.00371	PASS
					VH	13.10349	0.00751	PASS
			HCH	TN	VL	2.00272	0.00113	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	1.51634	0.00085	PASS
					VH	0.51498	0.00029	PASS
		5	LCH	TN	VL	4.74930	0.00277	PASS
					VN	-0.90122	-0.00053	PASS
					VH	0.32902	0.00019	PASS
			MCH	TN	VL	-4.29153	-0.00246	PASS
					VN	-1.74522	-0.00100	PASS
					VH	-6.27994	-0.00360	PASS
			HCH	TN	VL	4.30584	0.00242	PASS
					VN	2.18868	0.00123	PASS
					VH	0.75817	0.00043	PASS
		10	LCH	TN	VL	1.70231	0.00099	PASS
					VN	-0.10014	-0.00006	PASS
					VH	-1.85966	-0.00108	PASS
			MCH	TN	VL	-1.45912	-0.00084	PASS
					VN	-0.08583	-0.00005	PASS
					VH	0.67234	0.00039	PASS
			HCH	TN	VL	-0.74387	-0.00042	PASS
					VN	3.40462	0.00192	PASS
					VH	-1.71661	-0.00097	PASS
		15	LCH	TN	VL	0.38624	0.00022	PASS
					VN	3.13282	0.00182	PASS
					VH	-0.87261	-0.00051	PASS
			MCH	TN	VL	1.35899	0.00078	PASS
					VN	1.07288	0.00061	PASS
					VH	2.50339	0.00143	PASS
			HCH	TN	VL	-4.33445	-0.00245	PASS
					VN	-2.67506	-0.00151	PASS
					VH	-1.53065	-0.00086	PASS
		20	LCH	TN	VL	7.82490	0.00455	PASS
					VN	-0.42915	-0.00025	PASS
					VH	8.54015	0.00497	PASS
			MCH	TN	VL	-4.94957	-0.00284	PASS
					VN	2.33173	0.00134	PASS
					VH	-1.75953	-0.00101	PASS
			HCH	TN	VL	0.30041	0.00017	PASS
					VN	-1.14441	-0.00065	PASS
					VH	1.27316	0.00072	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
Band66	LTE/TM1	1.4	LCH	VN	-30	78.83549	0.04608	PASS
					-20	9.22680	0.00539	PASS
					-10	48.06519	0.02810	PASS
					0	-5.75066	-0.00336	PASS
					10	26.10683	0.01526	PASS
					20	87.53300	0.05117	PASS
					30	-2.68936	-0.00157	PASS
					40	3.29018	0.00192	PASS
					50	1.57356	0.00092	PASS
			MCH	VN	-30	-88.29117	-0.05060	PASS
					-20	-75.64545	-0.04335	PASS
					-10	8.39710	0.00481	PASS
					0	-5.20706	-0.00298	PASS
					10	4.26292	0.00244	PASS
					20	-6.59466	-0.00378	PASS
					30	-4.30584	-0.00247	PASS
					40	5.00679	0.00287	PASS
					50	58.32195	0.03342	PASS
			HCH	VN	-30	-4.64916	-0.00261	PASS
					-20	-32.35817	-0.01819	PASS
					-10	-11.95908	-0.00672	PASS
					0	-103.99820	-0.05845	PASS
					10	-20.79964	-0.01169	PASS
					20	-24.41883	-0.01372	PASS
					30	-27.23694	-0.01531	PASS
					40	-123.22430	-0.06925	PASS
					50	-64.95953	-0.03651	PASS
		3	LCH	VN	-30	1.51634	0.00089	PASS
					-20	-10.85758	-0.00634	PASS
					-10	-4.93527	-0.00288	PASS
					0	13.27515	0.00776	PASS
					10	-5.99384	-0.00350	PASS
					20	0.37193	0.00022	PASS
					30	-1.77383	-0.00104	PASS
					40	-3.57628	-0.00209	PASS
					50	-0.98705	-0.00058	PASS
			MCH	VN	-30	-6.49452	-0.00372	PASS
					-20	4.49181	0.00257	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-10	1.24455	0.00071	PASS
					0	-2.58923	-0.00148	PASS
					10	4.73499	0.00271	PASS
					20	2.13146	0.00122	PASS
					30	3.00407	0.00172	PASS
					40	4.59194	0.00263	PASS
					50	6.26564	0.00359	PASS
			HCH	VN	-30	-0.87261	-0.00049	PASS
					-20	-3.33309	-0.00187	PASS
					-10	-4.97818	-0.00280	PASS
					0	2.57492	0.00145	PASS
					10	-1.70231	-0.00096	PASS
					20	12.38823	0.00697	PASS
					30	1.38760	0.00078	PASS
					40	0.25749	0.00014	PASS
					50	12.51698	0.00704	PASS
		5	LCH	VN	-30	5.14984	0.00301	PASS
					-20	-2.76089	-0.00161	PASS
					-10	-2.11716	-0.00124	PASS
					0	-0.51498	-0.00030	PASS
					10	-7.25269	-0.00424	PASS
					20	-0.92983	-0.00054	PASS
					30	1.13010	0.00066	PASS
					40	-1.07288	-0.00063	PASS
					50	1.20163	0.00070	PASS
			MCH	VN	-30	-9.09805	-0.00521	PASS
					-20	-3.87669	-0.00222	PASS
					-10	-7.68185	-0.00440	PASS
					0	-4.36306	-0.00250	PASS
					10	2.11716	0.00121	PASS
					20	2.46048	0.00141	PASS
					30	-1.47343	-0.00084	PASS
					40	-1.84536	-0.00106	PASS
					50	-3.54767	-0.00203	PASS
			HCH	VN	-30	-0.82970	-0.00047	PASS
					-20	-6.05106	-0.00340	PASS
					-10	-8.02517	-0.00451	PASS
					0	-1.05858	-0.00060	PASS
					10	2.87533	0.00162	PASS
					20	2.67506	0.00150	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					30	-7.76768	-0.00437	PASS
					40	4.11987	0.00232	PASS
					50	3.54767	0.00200	PASS
		10	LCH	VN	-30	-5.42164	-0.00316	PASS
					-20	-6.92368	-0.00404	PASS
					-10	-1.47343	-0.00086	PASS
					0	-1.41621	-0.00083	PASS
					10	4.84943	0.00283	PASS
					20	-3.37601	-0.00197	PASS
					30	0.50068	0.00029	PASS
					40	-3.23296	-0.00189	PASS
					50	2.30312	0.00134	PASS
			MCH	VN	-30	-1.10149	-0.00063	PASS
					-20	1.11580	0.00064	PASS
					-10	-2.13146	-0.00122	PASS
					0	-6.29425	-0.00361	PASS
					10	3.94821	0.00226	PASS
					20	-1.43051	-0.00082	PASS
					30	-8.21114	-0.00471	PASS
					40	1.13010	0.00065	PASS
					50	3.51906	0.00202	PASS
			HCH	VN	-30	1.60217	0.00090	PASS
					-20	2.24590	0.00127	PASS
					-10	-0.52929	-0.00030	PASS
					0	2.66075	0.00150	PASS
					10	-2.27451	-0.00128	PASS
					20	-0.72956	-0.00041	PASS
					30	0.55790	0.00031	PASS
					40	0.90122	0.00051	PASS
					50	3.27587	0.00185	PASS
		15	LCH	VN	-30	-4.94957	-0.00288	PASS
					-20	-0.51498	-0.00030	PASS
					-10	-2.05994	-0.00120	PASS
					0	-0.48637	-0.00028	PASS
					10	-0.85831	-0.00050	PASS
					20	1.57356	0.00092	PASS
					30	-2.97546	-0.00173	PASS
					40	-3.30448	-0.00192	PASS
					50	-2.13146	-0.00124	PASS
			MCH	VN	-30	0.87261	0.00050	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.05722	-0.00003	PASS
					-10	0.90122	0.00052	PASS
					0	0.48637	0.00028	PASS
					10	2.97546	0.00171	PASS
					20	-3.59058	-0.00206	PASS
					30	-2.26021	-0.00130	PASS
					40	-1.33038	-0.00076	PASS
					50	3.97682	0.00228	PASS
			HCH	VN	-30	-2.08855	-0.00118	PASS
					-20	0.57220	0.00032	PASS
					-10	-1.30177	-0.00073	PASS
					0	-2.64645	-0.00149	PASS
					10	-0.30041	-0.00017	PASS
					20	-0.60081	-0.00034	PASS
					30	-1.64509	-0.00093	PASS
					40	1.24455	0.00070	PASS
					50	-3.29018	-0.00186	PASS
		20	LCH	VN	-30	6.19412	0.00360	PASS
					-20	7.20978	0.00419	PASS
					-10	10.11372	0.00588	PASS
					0	-2.61784	-0.00152	PASS
					10	-0.75817	-0.00044	PASS
					20	-0.25749	-0.00015	PASS
					30	-0.64373	-0.00037	PASS
					40	-2.01702	-0.00117	PASS
					50	-5.07832	-0.00295	PASS
			MCH	VN	-30	-0.12875	-0.00007	PASS
					-20	-0.77248	-0.00044	PASS
					-10	-4.77791	-0.00274	PASS
					0	-1.43051	-0.00082	PASS
					10	3.91960	0.00225	PASS
					20	-0.75817	-0.00043	PASS
					30	-1.94550	-0.00111	PASS
					40	-2.40326	-0.00138	PASS
					50	0.54359	0.00031	PASS
			HCH	VN	-30	-0.14305	-0.00008	PASS
					-20	-0.25749	-0.00015	PASS
					-10	-1.37329	-0.00078	PASS
					0	-4.74930	-0.00268	PASS
					10	-3.00407	-0.00170	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			20	-2.57492	-0.00145	PASS
					30	-4.87804	-0.00276	PASS
					40	-3.40462	-0.00192	PASS
					50	0.35763	0.00020	PASS
			LCH	VN	-30	-51.99909	-0.03040	PASS
					-20	-44.46030	-0.02599	PASS
					-10	-12.33101	-0.00721	PASS
					0	-44.04545	-0.02575	PASS
					10	-67.86346	-0.03967	PASS
					20	0.40054	0.00023	PASS
					30	28.53870	0.01668	PASS
					40	1.84536	0.00108	PASS
					50	-379.91520	-0.22208	PASS
			MCH	VN	-30	-16.15047	-0.00926	PASS
					-20	29.33979	0.01681	PASS
					-10	18.09597	0.01037	PASS
					0	14.27650	0.00818	PASS
					10	-3.50475	-0.00201	PASS
					20	-0.50068	-0.00029	PASS
					30	-21.78669	-0.01249	PASS
					40	9.05514	0.00519	PASS
					50	-204.37720	-0.11712	PASS
			HCH	VN	-30	2.41756	0.00136	PASS
					-20	-62.35600	-0.03505	PASS
					-10	-100.45050	-0.05646	PASS
					0	-1.31607	-0.00074	PASS
					10	-9.42707	-0.00530	PASS
					20	-22.41611	-0.01260	PASS
					30	-16.23631	-0.00913	PASS
					40	-15.49244	-0.00871	PASS
					50	7.61032	0.00428	PASS
		3	LCH	VN	-30	-1.81675	-0.00106	PASS
					-20	-11.94477	-0.00698	PASS
					-10	-10.17094	-0.00594	PASS
					0	-18.53943	-0.01083	PASS
					10	0.91553	0.00053	PASS
					20	6.58035	0.00384	PASS
					30	-3.21865	-0.00188	PASS
					40	-1.14441	-0.00067	PASS
					50	4.43459	0.00259	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			MCH	VN	-30	4.24862	0.00243	PASS
					-20	1.35899	0.00078	PASS
					-10	-1.23024	-0.00071	PASS
					0	2.03133	0.00116	PASS
					10	5.49316	0.00315	PASS
					20	6.46591	0.00371	PASS
					30	-0.95844	-0.00055	PASS
					40	4.16279	0.00239	PASS
					50	6.42300	0.00368	PASS
			HCH	VN	-30	-5.62191	-0.00316	PASS
					-20	-6.27994	-0.00353	PASS
					-10	-4.20570	-0.00236	PASS
					0	1.64509	0.00092	PASS
					10	2.16007	0.00121	PASS
					20	1.51634	0.00085	PASS
					30	6.48022	0.00364	PASS
					40	-3.17573	-0.00179	PASS
					50	3.51906	0.00198	PASS
		5	LCH	VN	-30	-0.75817	-0.00044	PASS
					-20	-8.06808	-0.00471	PASS
					-10	-4.63486	-0.00271	PASS
					0	0.20027	0.00012	PASS
					10	-3.03268	-0.00177	PASS
					20	-0.90122	-0.00053	PASS
					30	-8.74043	-0.00510	PASS
					40	4.37737	0.00256	PASS
					50	-2.36034	-0.00138	PASS
			MCH	VN	-30	-3.07560	-0.00176	PASS
					-20	-3.13282	-0.00180	PASS
					-10	1.40190	0.00080	PASS
					0	-0.60081	-0.00034	PASS
					10	1.58787	0.00091	PASS
					20	-1.74522	-0.00100	PASS
					30	1.35899	0.00078	PASS
					40	-1.04427	-0.00060	PASS
					50	3.14712	0.00180	PASS
			HCH	VN	-30	4.34875	0.00245	PASS
					-20	-0.75817	-0.00043	PASS
					-10	-5.97954	-0.00336	PASS
					0	1.53065	0.00086	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	9.87053	0.00555	PASS
					20	2.18868	0.00123	PASS
					30	-0.62943	-0.00035	PASS
					40	4.72069	0.00266	PASS
					50	0.82970	0.00047	PASS
		10	LCH	VN	-30	-0.37193	-0.00022	PASS
					-20	-4.43459	-0.00259	PASS
					-10	2.66075	0.00155	PASS
					0	2.17438	0.00127	PASS
					10	2.16007	0.00126	PASS
					20	-0.10014	-0.00006	PASS
					30	0.75817	0.00044	PASS
					40	1.00136	0.00058	PASS
					50	5.79357	0.00338	PASS
			MCH	VN	-30	-4.79221	-0.00275	PASS
					-20	4.36306	0.00250	PASS
					-10	-0.12875	-0.00007	PASS
					0	3.70503	0.00212	PASS
					10	-7.73907	-0.00443	PASS
					20	-0.08583	-0.00005	PASS
					30	-0.82970	-0.00048	PASS
					40	-3.30448	-0.00189	PASS
					50	5.39303	0.00309	PASS
			HCH	VN	-30	-0.84400	-0.00048	PASS
					-20	-3.24726	-0.00183	PASS
					-10	1.67370	0.00094	PASS
					0	4.64916	0.00262	PASS
					10	0.87261	0.00049	PASS
					20	3.40462	0.00192	PASS
					30	1.88827	0.00106	PASS
					40	0.60081	0.00034	PASS
					50	4.52042	0.00255	PASS
		15	LCH	VN	-30	1.04427	0.00061	PASS
					-20	1.13010	0.00066	PASS
					-10	-4.43459	-0.00258	PASS
					0	3.50475	0.00204	PASS
					10	2.36034	0.00137	PASS
					20	3.13282	0.00182	PASS
					30	-0.32902	-0.00019	PASS
					40	-3.87669	-0.00226	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					50	-0.54359	-0.00032	PASS
					-30	0.57220	0.00033	PASS
					-20	-0.72956	-0.00042	PASS
					-10	1.67370	0.00096	PASS
					0	2.01702	0.00116	PASS
					10	-0.65804	-0.00038	PASS
					20	1.07288	0.00061	PASS
					30	1.43051	0.00082	PASS
					40	-1.27316	-0.00073	PASS
					50	-0.91553	-0.00052	PASS
			HCH	VN	-30	-2.28882	-0.00129	PASS
					-20	-3.73364	-0.00211	PASS
					-10	-1.00136	-0.00056	PASS
					0	-0.02861	-0.00002	PASS
					10	0.51498	0.00029	PASS
					20	-2.67506	-0.00151	PASS
					30	-5.40733	-0.00305	PASS
					40	0.72956	0.00041	PASS
					50	0.41485	0.00023	PASS
		20	LCH	VN	-30	2.71797	0.00158	PASS
					-20	9.61304	0.00559	PASS
					-10	4.93527	0.00287	PASS
					0	-3.90530	-0.00227	PASS
					10	2.64645	0.00154	PASS
					20	-0.42915	-0.00025	PASS
					30	-0.82970	-0.00048	PASS
					40	-1.81675	-0.00106	PASS
					50	2.76089	0.00161	PASS
			MCH	VN	-30	-0.67234	-0.00039	PASS
					-20	-2.43187	-0.00139	PASS
					-10	-2.07424	-0.00119	PASS
					0	1.44482	0.00083	PASS
					10	-1.35899	-0.00078	PASS
					20	2.33173	0.00134	PASS
					30	0.52929	0.00030	PASS
					40	-0.62943	-0.00036	PASS
			HCH	VN	50	-0.30041	-0.00017	PASS
					-30	1.63078	0.00092	PASS
					-20	1.47343	0.00083	PASS
					-10	0.00000	0.00000	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					0	-1.63078	-0.00092	PASS
					10	-2.34604	-0.00133	PASS
					20	-1.14441	-0.00065	PASS
					30	1.11580	0.00063	PASS
					40	1.31607	0.00074	PASS
					50	2.36034	0.00133	PASS

END