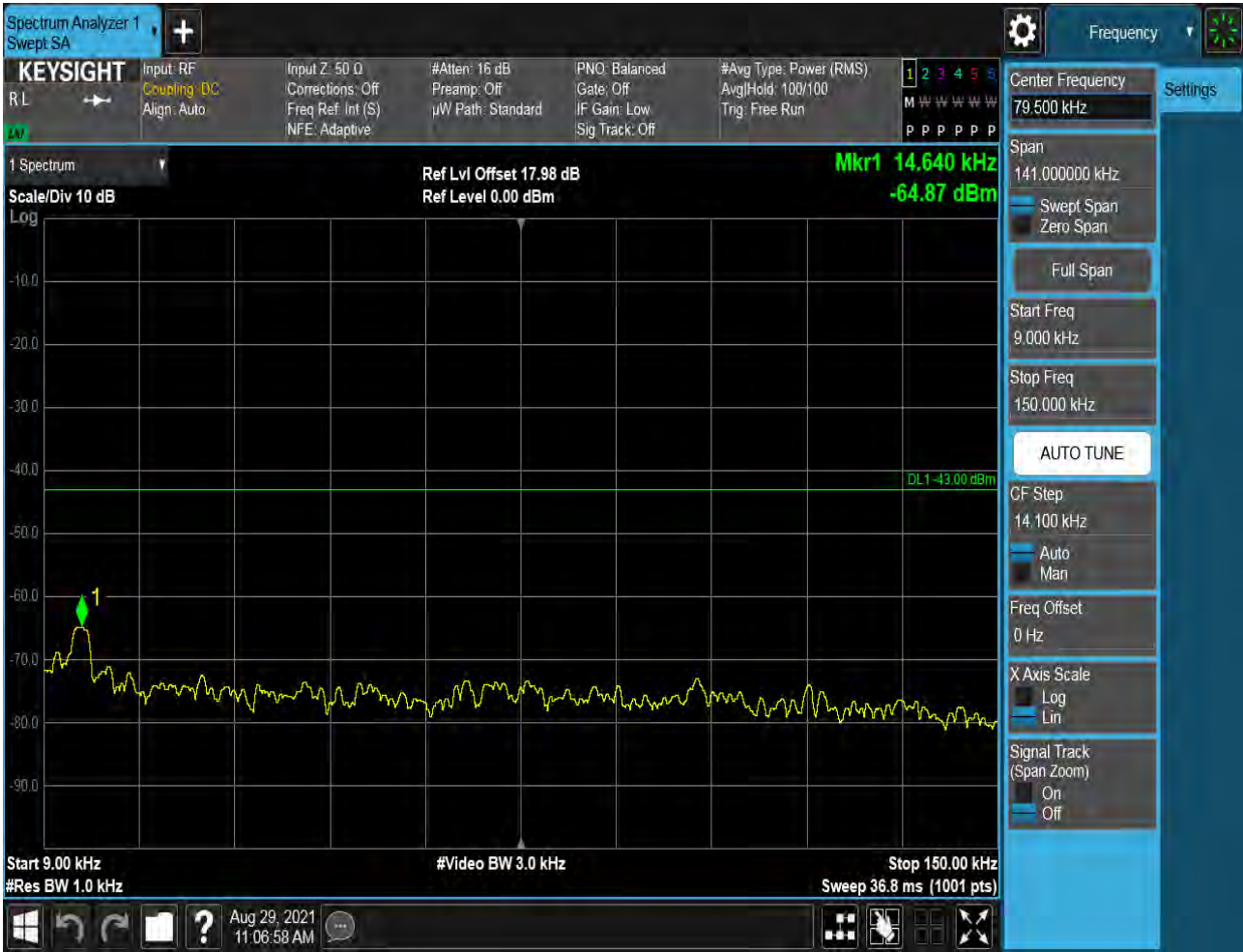
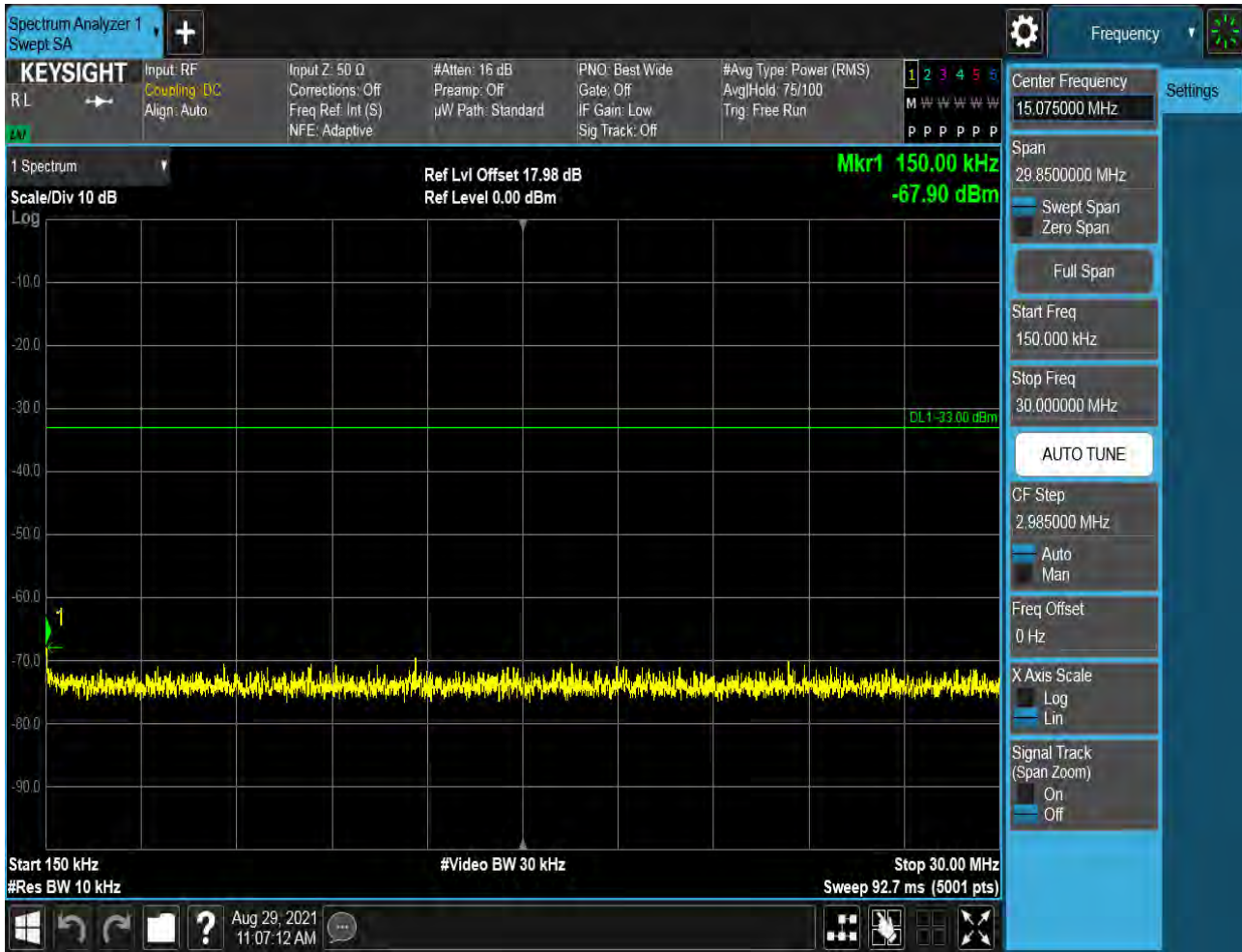


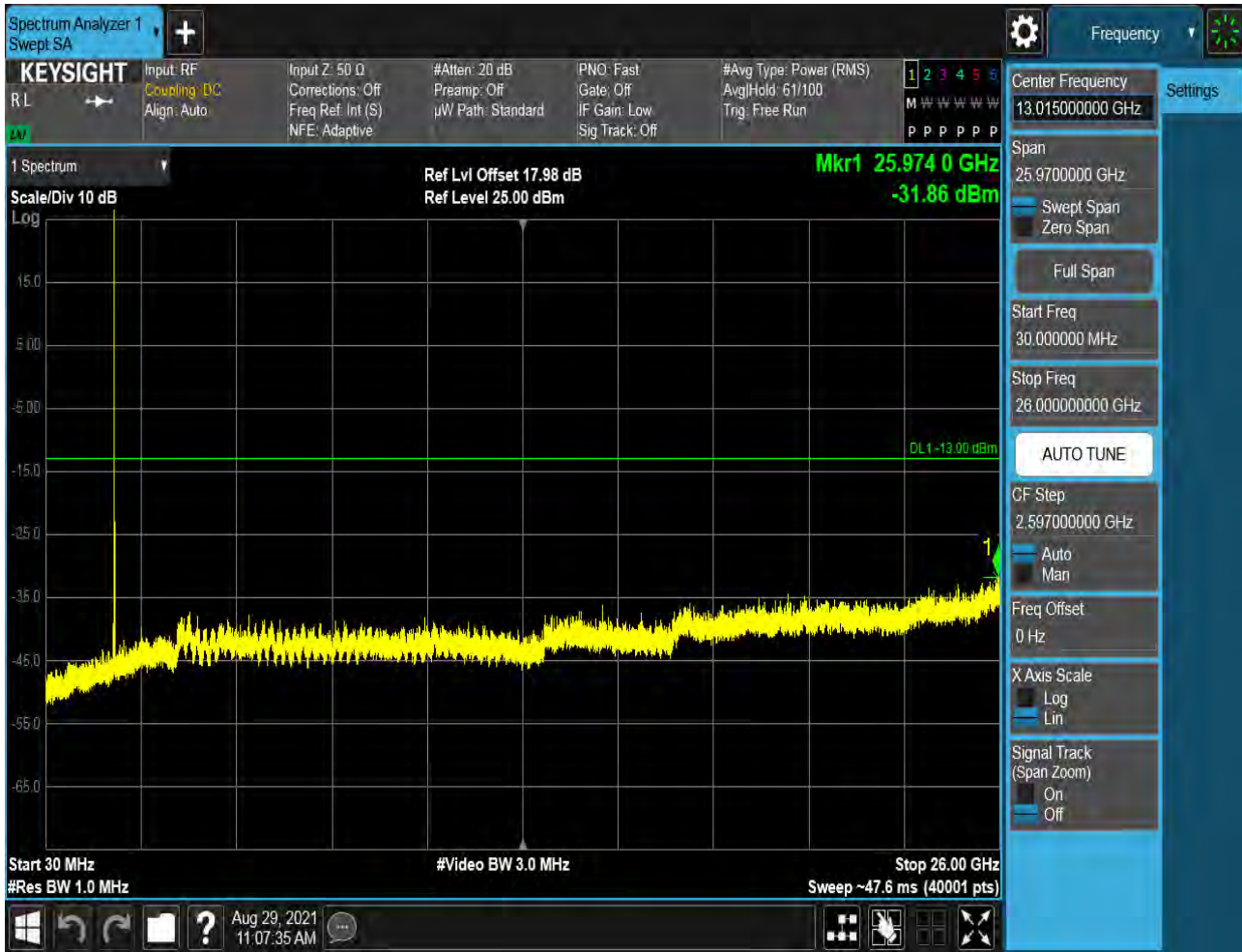


6.2.1.2.6.3 Test Channel = HCH

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

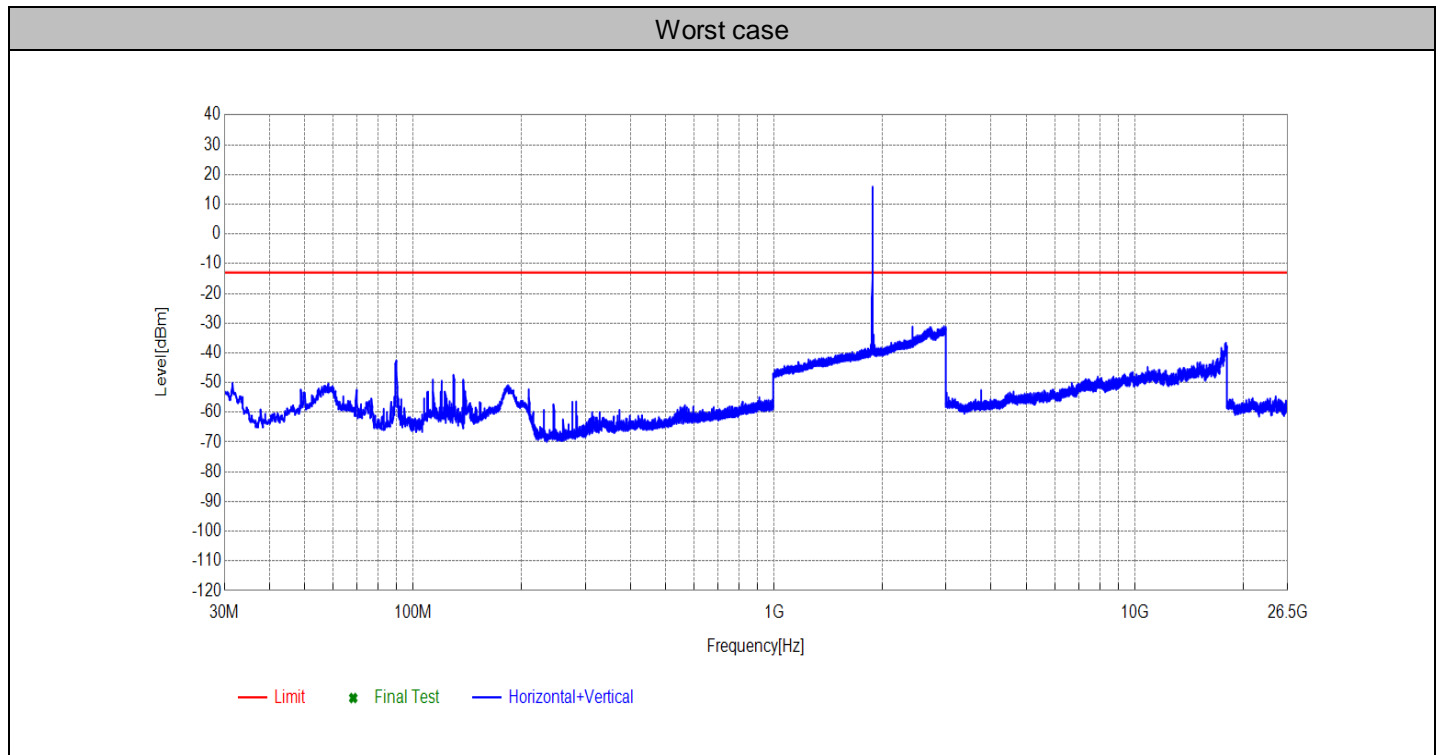
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Part I - Test Plots

7.1 For LTE

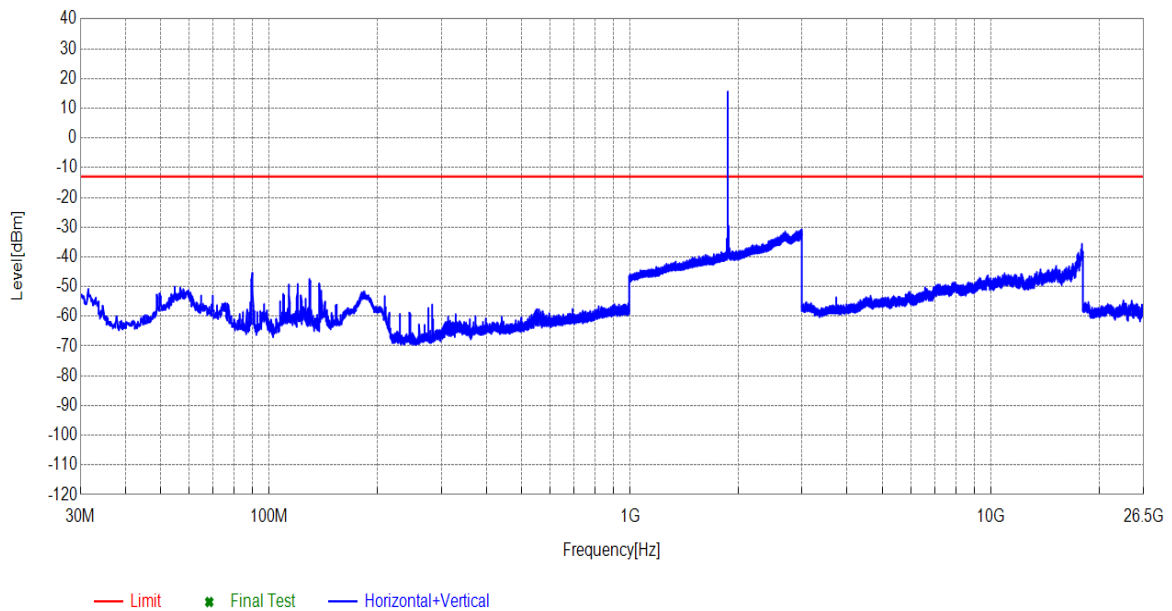
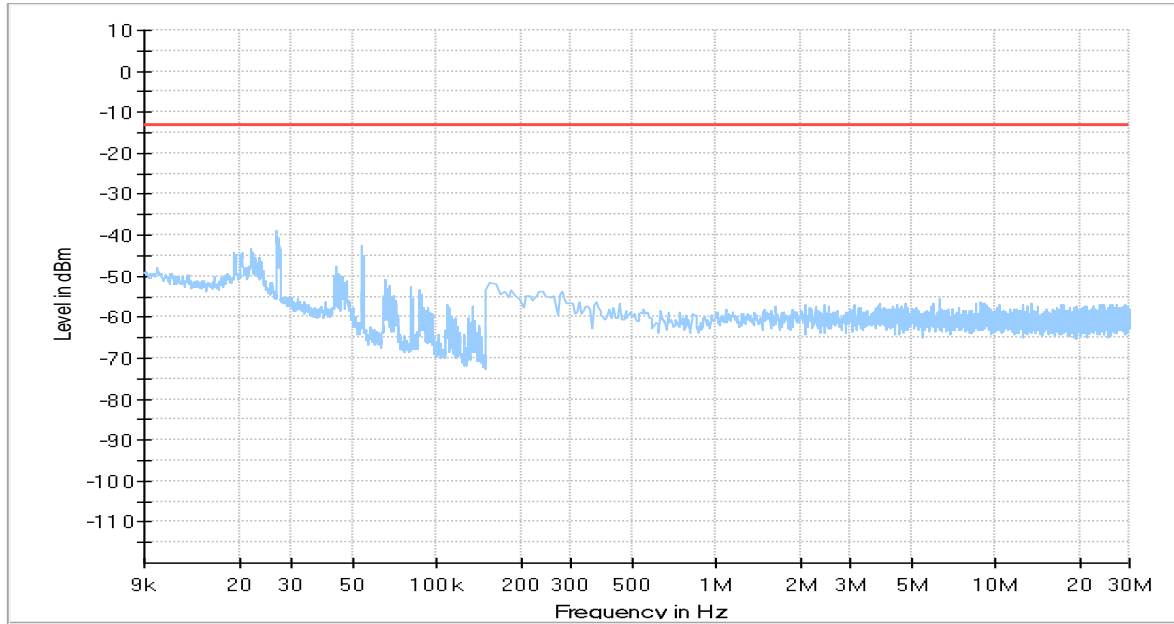
7.1.1 Test Band = Band2

7.1.1.1 Test Bandwidth = 1.4



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
Band2	LTE/TM1	1.4	LCH	TN	VL	4.84131	0.00262	PASS
					VN	3.14602	0.00170	PASS
					VH	-4.10935	-0.00222	PASS
			MCH	TN	VL	-11.50733	-0.00612	PASS
					VN	14.66534	0.00780	PASS
					VH	-5.51771	-0.00293	PASS
			HCH	TN	VL	-16.38891	-0.00858	PASS
					VN	0.37229	0.00019	PASS
					VH	-27.39414	-0.01435	PASS
		3	LCH	TN	VL	5.56290	0.00300	PASS
					VN	-0.24197	-0.00013	PASS
					VH	-8.58773	-0.00464	PASS
			MCH	TN	VL	-1.51101	-0.00080	PASS
					VN	-9.83129	-0.00523	PASS
					VH	-0.21347	-0.00011	PASS
			HCH	TN	VL	5.62475	0.00295	PASS
					VN	-7.87834	-0.00413	PASS
					VH	6.64042	0.00348	PASS
		5	LCH	TN	VL	6.82528	0.00368	PASS
					VN	9.26158	0.00500	PASS
					VH	4.95075	0.00267	PASS
			MCH	TN	VL	-5.19355	-0.00276	PASS
					VN	-0.49367	-0.00026	PASS
					VH	3.66404	0.00195	PASS
			HCH	TN	VL	-0.26261	-0.00014	PASS
					VN	3.19043	0.00167	PASS
					VH	3.94084	0.00207	PASS
		10	LCH	TN	VL	2.67843	0.00144	PASS
					VN	2.18636	0.00118	PASS
					VH	-2.72412	-0.00147	PASS
MCH	TN		VL	2.39144	0.00127	PASS		
			VN	7.28947	0.00388	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
		15	HCH	TN	VH	8.00889	0.00426	PASS	
					VL	-0.35802	-0.00019	PASS	
					VN	4.61225	0.00242	PASS	
					VH	3.83884	0.00202	PASS	
			LCH	TN	VL	-1.35603	-0.00073	PASS	
					VN	1.72204	0.00093	PASS	
					VH	2.71066	0.00146	PASS	
					VL	0.59499	0.00032	PASS	
				MCH	TN	VN	2.32375	0.00124	PASS
						VH	2.73377	0.00145	PASS
						VL	2.09692	0.00110	PASS
						VN	0.39088	0.00021	PASS
		HCH	TN	VH	-1.35383	-0.00071	PASS		
				VL	1.37845	0.00074	PASS		
				VN	1.53664	0.00083	PASS		
				VH	-1.74527	-0.00094	PASS		
			MCH	TN	VL	2.14387	0.00114	PASS	
					VN	-5.24242	-0.00279	PASS	
					VH	-2.68723	-0.00143	PASS	
					VL	2.18092	0.00115	PASS	
		HCH	TN	VN	3.85689	0.00203	PASS		
				VH	-1.02706	-0.00054	PASS		
				VL	-10.50794	-0.00568	PASS		
				VN	1.34736	0.00073	PASS		
		LTE/TM2	1.4	LCH	TN	VH	11.24389	0.00608	PASS
						VL	1.37108	0.00073	PASS
						VN	17.38149	0.00925	PASS
						VH	-10.12100	-0.00538	PASS
				MCH	TN	VL	-11.23679	-0.00589	PASS
						VN	-16.45797	-0.00862	PASS
						VH	-46.69623	-0.02446	PASS
						VL	5.13523	0.00277	PASS
				HCH	TN	VN	3.85304	0.00208	PASS
						VH	12.60110	0.00681	PASS
						VL	-3.28842	-0.00175	PASS
					MCH	TN	VN	-3.27731	-0.00174
			VH				-3.30072	-0.00176	PASS
			VL				-6.86701	-0.00360	PASS
			3	LCH	TN	VL	5.13523	0.00277	PASS
						VN	3.85304	0.00208	PASS
						VH	12.60110	0.00681	PASS
				MCH	TN	VL	-3.28842	-0.00175	PASS
VN	-3.27731	-0.00174				PASS			
VH	-3.30072	-0.00176				PASS			
HCH	TN	VL	-6.86701	-0.00360	PASS				

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	14.28417	0.00748	PASS
					VH	0.72382	0.00038	PASS
		5	LCH	TN	VL	-0.38343	-0.00021	PASS
					VN	4.38527	0.00237	PASS
					VH	1.84928	0.00100	PASS
			MCH	TN	VL	7.54334	0.00401	PASS
					VN	-1.54759	-0.00082	PASS
					VH	7.28925	0.00388	PASS
			HCH	TN	VL	2.86804	0.00150	PASS
					VN	-4.10437	-0.00215	PASS
					VH	8.83388	0.00463	PASS
		10	LCH	TN	VL	-2.86603	-0.00155	PASS
					VN	-0.84210	-0.00045	PASS
					VH	-2.56955	-0.00139	PASS
			MCH	TN	VL	-2.44764	-0.00130	PASS
					VN	3.85671	0.00205	PASS
					VH	0.11264	0.00006	PASS
			HCH	TN	VL	11.34592	0.00596	PASS
					VN	-5.60562	-0.00294	PASS
					VH	-0.20226	-0.00011	PASS
		15	LCH	TN	VL	1.41508	0.00076	PASS
					VN	4.37164	0.00235	PASS
					VH	-1.81844	-0.00098	PASS
			MCH	TN	VL	-0.90232	-0.00048	PASS
					VN	-3.61891	-0.00192	PASS
					VH	2.90095	0.00154	PASS
			HCH	TN	VL	0.84695	0.00045	PASS
					VN	-5.75607	-0.00303	PASS
					VH	5.30149	0.00279	PASS
		20	LCH	TN	VL	-3.19638	-0.00172	PASS
					VN	-6.82643	-0.00367	PASS
					VH	1.78374	0.00096	PASS
			MCH	TN	VL	3.48067	0.00185	PASS
					VN	1.11716	0.00059	PASS
					VH	-2.52538	-0.00134	PASS
			HCH	TN	VL	1.52760	0.00080	PASS
					VN	0.56585	0.00030	PASS
					VH	-0.39093	-0.00021	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
Band2	LTE/TM1	1.4	LCH	VN	-30	6.85027	0.00370	PASS
					-20	2.39721	0.00130	PASS
					-10	-11.05369	-0.00597	PASS
					0	4.48848	0.00243	PASS
					10	5.06218	0.00274	PASS
					20	3.14602	0.00170	PASS
					30	-5.78290	-0.00312	PASS
					40	-3.46245	-0.00187	PASS
					50	1.30552	0.00071	PASS
			MCH	VN	-30	1.10977	0.00059	PASS
					-20	8.35437	0.00444	PASS
					-10	0.80172	0.00043	PASS
					0	-17.29644	-0.00920	PASS
					10	20.45268	0.01088	PASS
					20	14.66534	0.00780	PASS
					30	9.16570	0.00488	PASS
					40	-11.17814	-0.00595	PASS
					50	11.59952	0.00617	PASS
		HCH	VN	-30	-3.33377	-0.00175	PASS	
				-20	-3.26082	-0.00171	PASS	
				-10	-23.07940	-0.01209	PASS	
				0	-6.39975	-0.00335	PASS	
				10	18.09186	0.00948	PASS	
				20	0.37229	0.00019	PASS	
				30	-19.62268	-0.01028	PASS	
				40	20.80957	0.01090	PASS	
				50	6.74645	0.00353	PASS	
		3	LCH	VN	-30	3.38149	0.00183	PASS
					-20	5.51722	0.00298	PASS
					-10	-2.05773	-0.00111	PASS
					0	-4.73279	-0.00256	PASS
					10	1.92463	0.00104	PASS
					20	-0.24197	-0.00013	PASS
30	-0.01248				-0.00001	PASS		
40	1.68452				0.00091	PASS		
50	2.73457				0.00148	PASS		
MCH	VN		-30	3.32757	0.00177	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	9.09693	0.00484	PASS		
					-10	3.13724	0.00167	PASS		
					0	-5.11627	-0.00272	PASS		
					10	12.79102	0.00680	PASS		
					20	-9.83129	-0.00523	PASS		
					30	4.53946	0.00241	PASS		
					40	-21.06487	-0.01120	PASS		
					50	5.95481	0.00317	PASS		
			HCH	VN	-30	11.50802	0.00603	PASS		
					-20	8.58190	0.00450	PASS		
					-10	-5.21316	-0.00273	PASS		
					0	11.02095	0.00577	PASS		
					10	5.27809	0.00277	PASS		
					20	-7.87834	-0.00413	PASS		
		LCH	VN	30	-7.81900	-0.00410	PASS			
				40	6.66810	0.00349	PASS			
				50	2.70407	0.00142	PASS			
				-30	5.36266	0.00289	PASS			
				-20	2.35787	0.00127	PASS			
				-10	-7.61713	-0.00411	PASS			
				0	2.50687	0.00135	PASS			
				10	1.79459	0.00097	PASS			
		5	MCH				20	9.26158	0.00500	PASS
							30	-1.32695	-0.00072	PASS
							40	0.97116	0.00052	PASS
							50	5.03910	0.00272	PASS
							-30	2.42247	0.00129	PASS
							-20	-13.16190	-0.00700	PASS
							-10	-4.38450	-0.00233	PASS
							0	3.78322	0.00201	PASS
							10	19.88751	0.01058	PASS
							20	-0.49367	-0.00026	PASS
		HCH	VN				30	-1.36387	-0.00073	PASS
							40	-8.14342	-0.00433	PASS
							50	3.98165	0.00212	PASS
							0	2.15648	0.00113	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	6.80218	0.00357	PASS		
					20	3.19043	0.00167	PASS		
					30	5.87815	0.00308	PASS		
					40	-6.48188	-0.00340	PASS		
					50	4.88324	0.00256	PASS		
		10	LCH	VN	-30	2.36354	0.00127	PASS		
					-20	-0.89229	-0.00048	PASS		
					-10	0.49965	0.00027	PASS		
					0	-0.67085	-0.00036	PASS		
					10	5.66229	0.00305	PASS		
					20	2.18636	0.00118	PASS		
					30	0.43745	0.00024	PASS		
					40	1.44585	0.00078	PASS		
					50	-0.21432	-0.00012	PASS		
					MCH	VN	-30	0.81697	0.00043	PASS
							-20	-7.03503	-0.00374	PASS
							-10	6.65710	0.00354	PASS
							0	6.36758	0.00339	PASS
							10	-10.04673	-0.00534	PASS
							20	7.28947	0.00388	PASS
		30	3.06910	0.00163			PASS			
		40	-3.08899	-0.00164			PASS			
		HCH	VN	50	16.34761	0.00870	PASS			
				-30	4.13993	0.00217	PASS			
				-20	2.15172	0.00113	PASS			
				-10	3.96607	0.00208	PASS			
				0	5.55657	0.00292	PASS			
				10	3.45972	0.00182	PASS			
				20	4.61225	0.00242	PASS			
				30	0.70391	0.00037	PASS			
		15	LCH	VN	40	1.55105	0.00081	PASS		
					50	5.50494	0.00289	PASS		
					-30	3.42247	0.00184	PASS		
-20	0.47422				0.00026	PASS				
-10	-1.35497				-0.00073	PASS				
0	-6.93664				-0.00373	PASS				
10	-3.28817				-0.00177	PASS				
20	1.72204				0.00093	PASS				
30	8.94877	0.00482	PASS							

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
					40	2.60677	0.00140	PASS	
					50	-20.59050	-0.01109	PASS	
			MCH	VN	-30	0.36699	0.00020	PASS	
					-20	3.18625	0.00169	PASS	
					-10	6.26009	0.00333	PASS	
					0	-2.56664	-0.00137	PASS	
					10	-7.61120	-0.00405	PASS	
					20	2.32375	0.00124	PASS	
					30	2.31048	0.00123	PASS	
					40	-0.10234	-0.00005	PASS	
					50	-4.54580	-0.00242	PASS	
					HCH	VN	-30	0.02434	0.00001
			-20	3.05454			0.00161	PASS	
			-10	-1.15516			-0.00061	PASS	
			0	-3.56856			-0.00188	PASS	
			10	-0.38249			-0.00020	PASS	
			20	0.39088			0.00021	PASS	
			30	0.08690			0.00005	PASS	
		40	1.93630	0.00102			PASS		
		50	-3.87744	-0.00204	PASS				
		20		LCH	VN	-30	-4.51053	-0.00243	PASS
						-20	1.18711	0.00064	PASS
						-10	8.34209	0.00448	PASS
						0	-0.98371	-0.00053	PASS
						10	-11.37493	-0.00612	PASS
						20	1.53664	0.00083	PASS
						30	-6.81021	-0.00366	PASS
						40	-9.40597	-0.00506	PASS
						50	-7.79655	-0.00419	PASS
				MCH	VN	-30	0.56864	0.00030	PASS
						-20	-7.89313	-0.00420	PASS
						-10	-0.00907	0.00000	PASS
						0	-1.35706	-0.00072	PASS
10	-6.23089					-0.00331	PASS		
20	-5.24242					-0.00279	PASS		
HCH	VN	30	1.81745	0.00097	PASS				
		40	-13.50505	-0.00718	PASS				
		50	26.70563	0.01421	PASS				
			HCH	VN	-30	0.47556	0.00025	PASS	

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.36019	-0.00072	PASS		
					-10	0.50871	0.00027	PASS		
					0	-2.65877	-0.00140	PASS		
					10	-0.11964	-0.00006	PASS		
					20	3.85689	0.00203	PASS		
					30	0.18793	0.00010	PASS		
					40	0.30609	0.00016	PASS		
					50	1.48937	0.00078	PASS		
	LTE/TM2	1.4		LCH	VN	-30	18.26069	0.00987	PASS	
						-20	-2.10773	-0.00114	PASS	
						-10	-5.10738	-0.00276	PASS	
						0	4.66175	0.00252	PASS	
						10	12.14628	0.00656	PASS	
						20	1.34736	0.00073	PASS	
						30	9.39182	0.00507	PASS	
						40	20.94843	0.01132	PASS	
				50		1.98390	0.00107	PASS		
				MCH		-30	20.12208	0.01070	PASS	
						-20	9.01095	0.00479	PASS	
						-10	-10.60965	-0.00564	PASS	
						0	-15.98296	-0.00850	PASS	
						10	14.29235	0.00760	PASS	
						20	17.38149	0.00925	PASS	
						30	10.97499	0.00584	PASS	
						40	-14.35369	-0.00763	PASS	
				HCH		-30	4.85908	0.00254	PASS	
						-20	22.14210	0.01160	PASS	
						-10	-15.42412	-0.00808	PASS	
						0	18.88633	0.00989	PASS	
						10	12.31458	0.00645	PASS	
						20	-16.45797	-0.00862	PASS	
						30	-30.26604	-0.01585	PASS	
		40	10.97847		0.00575	PASS				
		50	6.82601	0.00358	PASS					
		3			LCH	VN	-30	0.89190	0.00048	PASS
							-20	7.36659	0.00398	PASS
							-10	2.12532	0.00115	PASS
							0	9.11034	0.00492	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	9.58874	0.00518	PASS
					20	3.85304	0.00208	PASS
					30	8.68551	0.00469	PASS
					40	2.67981	0.00145	PASS
					50	-4.18841	-0.00226	PASS
			MCH	VN	-30	13.54345	0.00720	PASS
					-20	4.73390	0.00252	PASS
					-10	1.37544	0.00073	PASS
					0	4.19392	0.00223	PASS
					10	6.54405	0.00348	PASS
					20	-3.27731	-0.00174	PASS
					30	-8.34398	-0.00444	PASS
					40	1.97453	0.00105	PASS
			HCH	VN	50	9.98335	0.00531	PASS
					-30	-6.09006	-0.00319	PASS
					-20	8.66824	0.00454	PASS
					-10	-3.52059	-0.00184	PASS
					0	2.51901	0.00132	PASS
					10	-3.10511	-0.00163	PASS
					20	14.28417	0.00748	PASS
					30	1.64430	0.00086	PASS
			LCH	VN	40	-1.00271	-0.00053	PASS
					50	6.71363	0.00352	PASS
					-30	0.71637	0.00039	PASS
					-20	-0.68381	-0.00037	PASS
					-10	-7.63822	-0.00412	PASS
					0	6.55523	0.00354	PASS
					10	-2.32740	-0.00126	PASS
					20	4.38527	0.00237	PASS
					30	-8.56609	-0.00462	PASS
40	-7.29763	-0.00394			PASS			
MCH	VN	50	-5.25567	-0.00284	PASS			
		-30	1.73376	0.00092	PASS			
		-20	-0.17562	-0.00009	PASS			
		-10	-2.73434	-0.00145	PASS			
		0	-5.70709	-0.00304	PASS			
		10	1.09323	0.00058	PASS			
		20	-1.54759	-0.00082	PASS			
30	-12.15989	-0.00647	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	VN	40	5.03257	0.00268	PASS
					50	3.15550	0.00168	PASS
					-30	-6.35848	-0.00333	PASS
					-20	-3.22647	-0.00169	PASS
					-10	-2.04435	-0.00107	PASS
					0	6.26456	0.00328	PASS
					10	-4.01375	-0.00210	PASS
					20	-4.10437	-0.00215	PASS
					30	9.26566	0.00486	PASS
					40	9.70490	0.00509	PASS
		50	2.71194	0.00142	PASS			
		10	LCH	VN	-30	-4.06432	-0.00219	PASS
					-20	0.62865	0.00034	PASS
					-10	7.67537	0.00414	PASS
					0	1.42149	0.00077	PASS
					10	0.79362	0.00043	PASS
					20	-0.84210	-0.00045	PASS
					30	0.32510	0.00018	PASS
					40	6.70946	0.00362	PASS
					50	1.59340	0.00086	PASS
					MCH	VN	-30	-2.54179
			-20	6.35411			0.00338	PASS
			-10	-5.72843			-0.00305	PASS
			0	-4.11215			-0.00219	PASS
			10	-0.16687			-0.00009	PASS
			20	3.85671			0.00205	PASS
			30	5.90643			0.00314	PASS
			40	-1.19040			-0.00063	PASS
			50	17.26036			0.00918	PASS
			HCH	VN			-30	-0.13829
					-20	1.83337	0.00096	PASS
		-10			2.97193	0.00156	PASS	
		0			5.10945	0.00268	PASS	
10	-6.66232	-0.00350			PASS			
20	-5.60562	-0.00294			PASS			
30	-0.49855	-0.00026			PASS			
40	-1.38912	-0.00073			PASS			
50	0.07842	0.00004			PASS			
15	LCH	VN			-30	3.20235	0.00172	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					-20	-6.61621	-0.00356	PASS			
					-10	-1.83248	-0.00099	PASS			
					0	0.49928	0.00027	PASS			
					10	19.26396	0.01037	PASS			
					20	4.37164	0.00235	PASS			
					30	1.00286	0.00054	PASS			
					40	-0.23955	-0.00013	PASS			
					50	-21.82649	-0.01175	PASS			
			MCH	VN	-30	-2.60823	-0.00139	PASS			
					-20	2.42274	0.00129	PASS			
					-10	7.70102	0.00410	PASS			
					0	2.93706	0.00156	PASS			
					10	9.81789	0.00522	PASS			
					20	-3.61891	-0.00192	PASS			
					30	0.12184	0.00006	PASS			
					40	6.99549	0.00372	PASS			
			HCH	VN	-30	3.46454	0.00182	PASS			
					-20	0.23901	0.00013	PASS			
					-10	1.15865	0.00061	PASS			
					0	-1.57307	-0.00083	PASS			
					10	2.76803	0.00145	PASS			
					20	-5.75607	-0.00303	PASS			
					30	1.81601	0.00095	PASS			
					40	-2.36515	-0.00124	PASS			
			20	LCH	VN	-30	1.12345	0.00060	PASS		
						-20	0.67083	0.00036	PASS		
						-10	-0.74430	-0.00040	PASS		
						0	-13.85618	-0.00745	PASS		
						10	11.07706	0.00596	PASS		
						20	-6.82643	-0.00367	PASS		
						30	-3.04214	-0.00164	PASS		
						40	8.13606	0.00437	PASS		
						50	-1.14506	-0.00062	PASS		
						MCH	VN	-30	-1.36814	-0.00073	PASS
								-20	26.19246	0.01393	PASS
								-10	-0.44609	-0.00024	PASS
			0	10.92532	0.00581			PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					10	-24.30109	-0.01293	PASS		
					20	1.11716	0.00059	PASS		
					30	12.99275	0.00691	PASS		
					40	6.49498	0.00345	PASS		
					50	2.06601	0.00110	PASS		
			HCH	VN	-30	1.38181	0.00073	PASS		
							-20	3.68009	0.00194	PASS
							-10	2.92614	0.00154	PASS
							0	0.71798	0.00038	PASS
							10	-0.74887	-0.00039	PASS
							20	0.56585	0.00030	PASS
							30	-0.97923	-0.00052	PASS
							40	-0.90820	-0.00048	PASS
							50	0.43206	0.00023	PASS

END