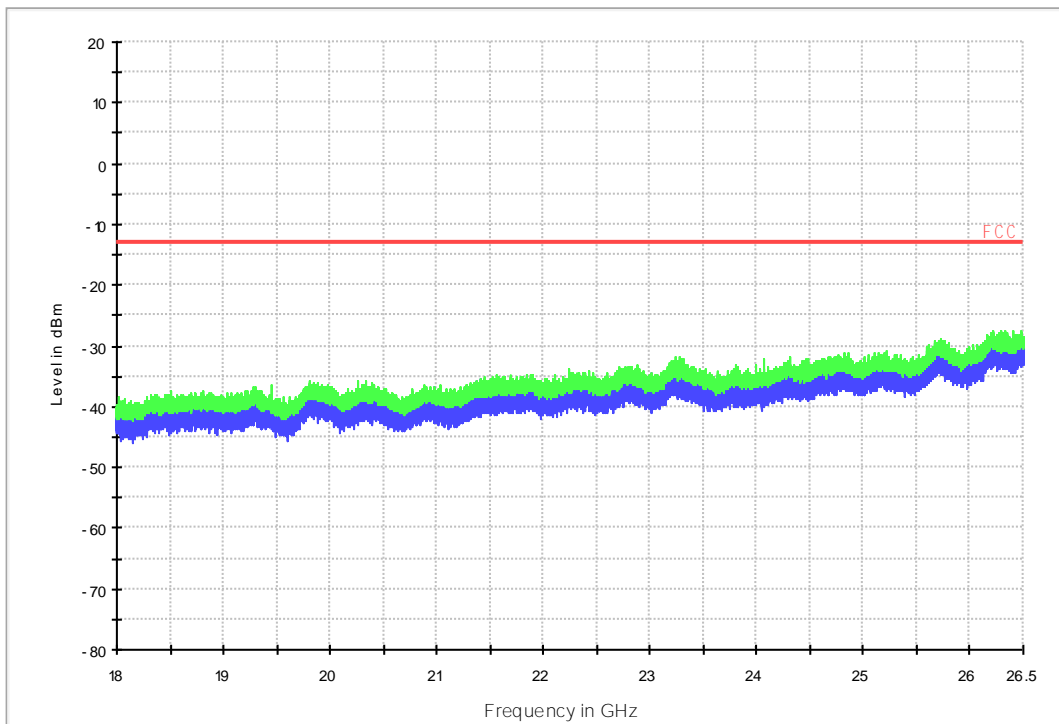


18G- 26.5G R SE-TX-DIRECT OR ABOVE 1.5G PK



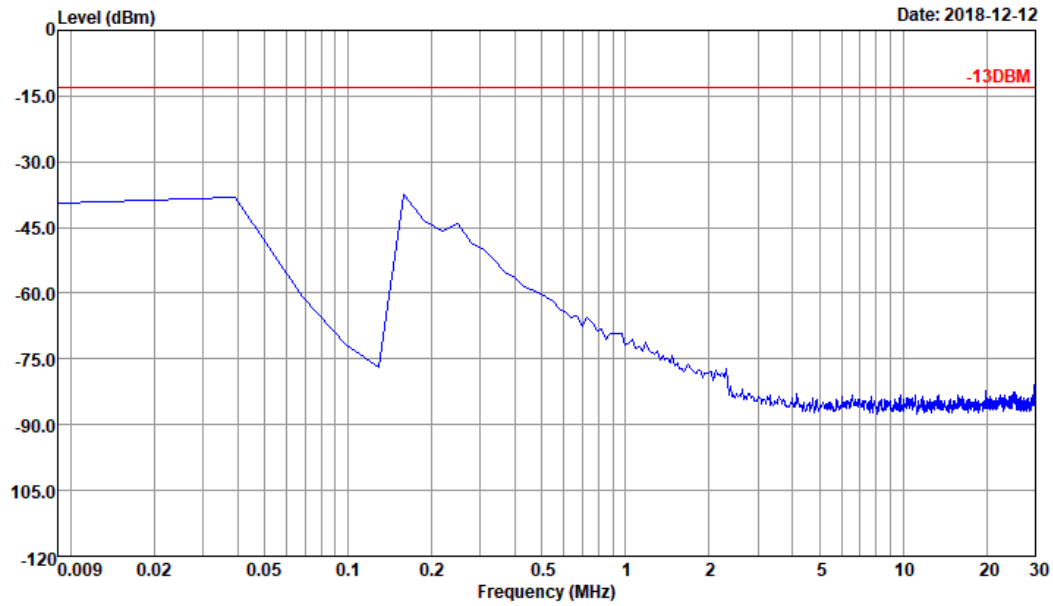
7.1.2 Test Band = Band2_ANT2

7.1.2.1 Test Bandwidth = 1.4



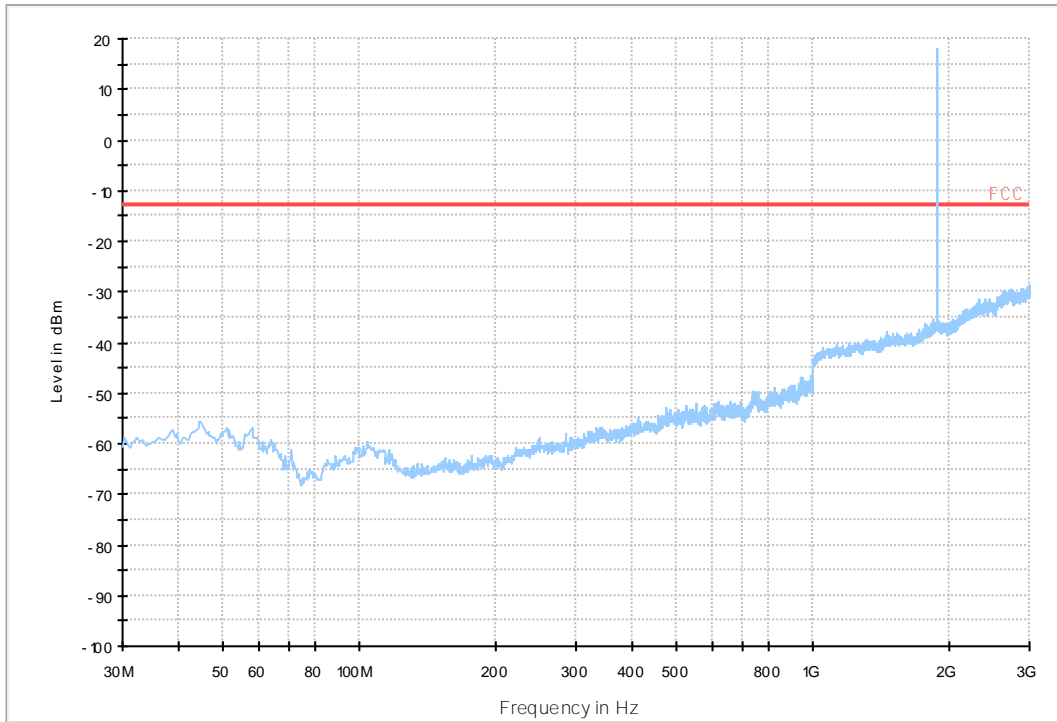
Data: 73

Date: 2018-12-12

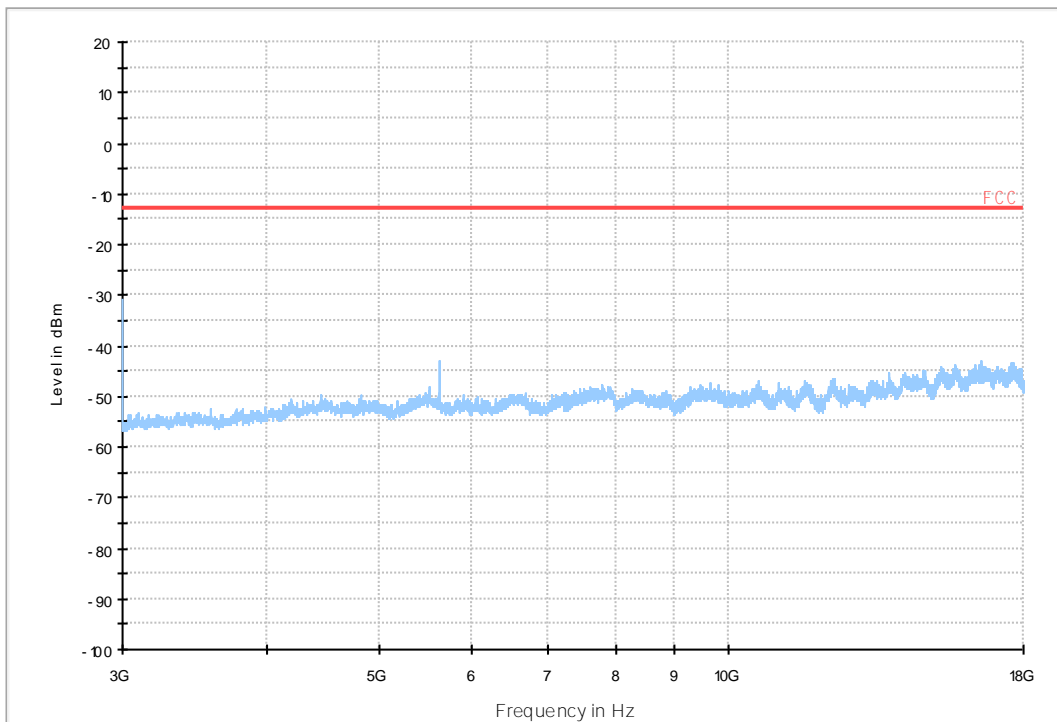


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

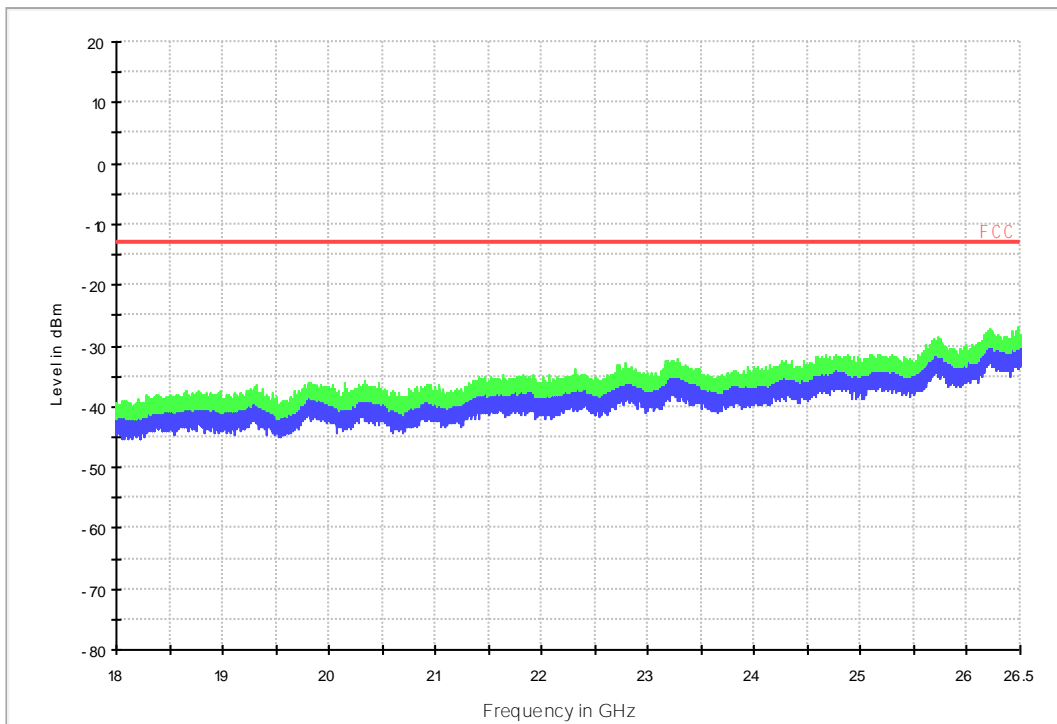
LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECTOR ABOVE 1.5G_H



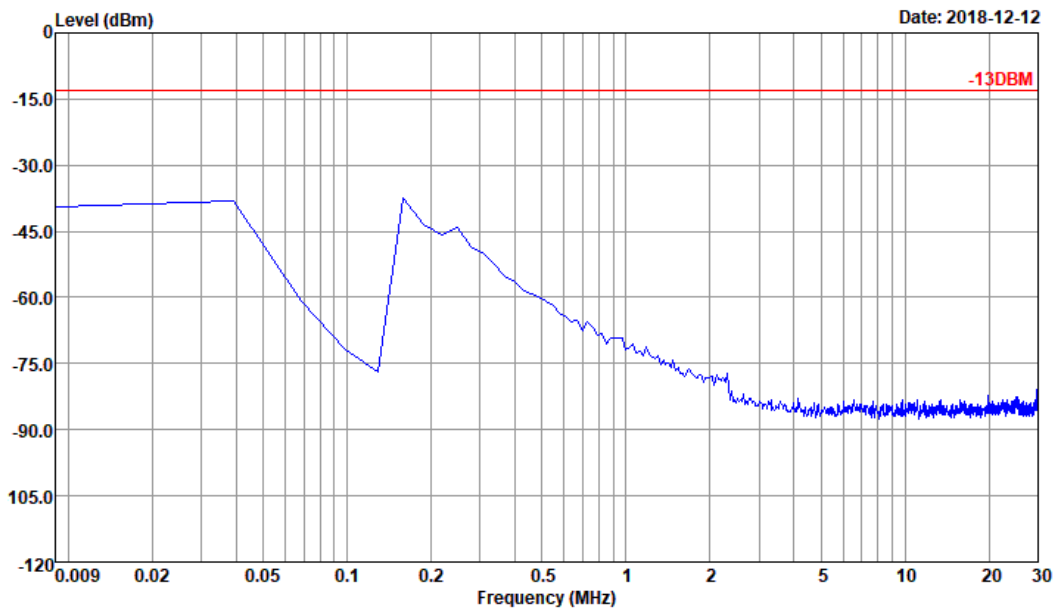
18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



7.1.2.2 Test Bandwidth = 20

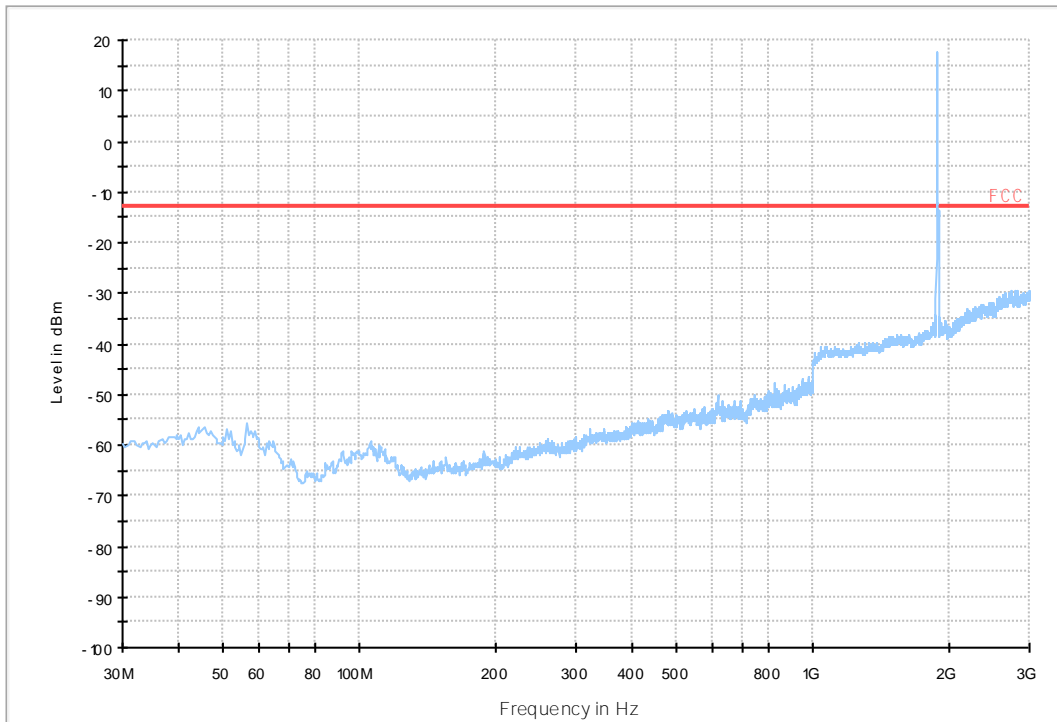


Data: 73

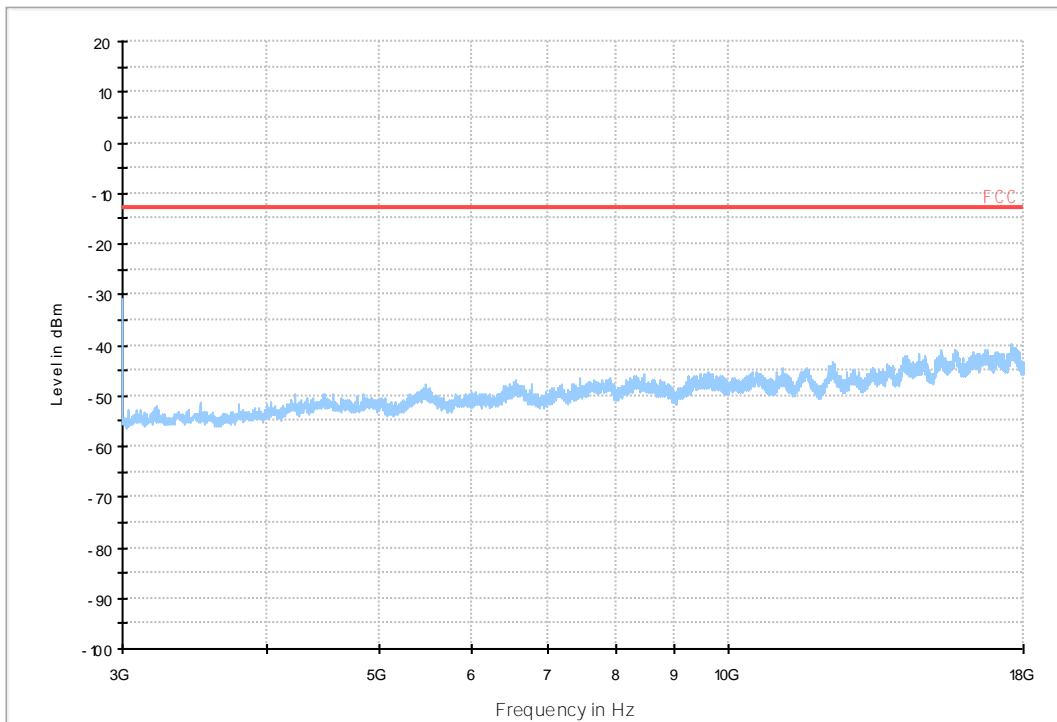


Site : 03CH01-SZ
Condition : -13DBM
: RBW:9.000KHz VBW:30.000KHz

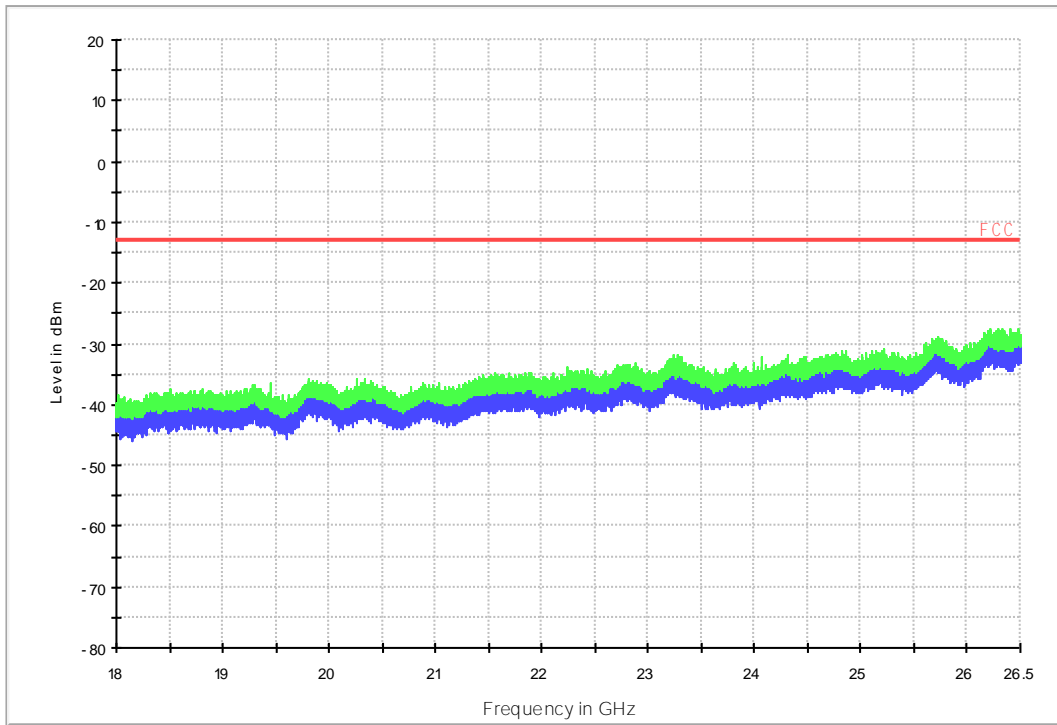
LTE FDD RSE-TX-DIRECT OR ABOVE 1.5G_L



LTE FDD RSE-TX-DIRECT OR ABOVE 1.5G_H



18G-26.5G R SE-TX-DIRECTOR ABOVE 1.5G PK



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1 Frequency 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	-17.02309	-0.00920	PASS
					VN	-4.96387	-0.00268	PASS
					VH	-3.36170	-0.00182	PASS
			MCH	TN	VL	3.67641	0.00196	PASS
					VN	-2.76089	-0.00147	PASS
					VH	-3.54767	-0.00189	PASS
			HCH	TN	VL	4.56333	0.00239	PASS
					VN	7.03812	0.00369	PASS
					VH	-10.02789	-0.00525	PASS
		3	LCH	TN	VL	-1.41621	-0.00076	PASS
					VN	-2.05994	-0.00111	PASS
					VH	-4.39167	-0.00237	PASS
			MCH	TN	VL	-4.89235	-0.00260	PASS
					VN	-0.44346	-0.00024	PASS
					VH	8.26836	0.00440	PASS
			HCH	TN	VL	-2.78950	-0.00146	PASS
					VN	-3.08990	-0.00162	PASS
					VH	2.30312	0.00121	PASS
		5	LCH	TN	VL	-8.62598	-0.00466	PASS
					VN	-3.76225	-0.00203	PASS
					VH	-11.54423	-0.00623	PASS
			MCH	TN	VL	-4.40597	-0.00234	PASS
					VN	-3.67641	-0.00196	PASS
					VH	-3.36170	-0.00179	PASS
			HCH	TN	VL	-6.62327	-0.00347	PASS
					VN	-4.59194	-0.00241	PASS
					VH	-7.25269	-0.00380	PASS
		10	LCH	TN	VL	-4.84943	-0.00261	PASS
					VN	2.18868	0.00118	PASS
					VH	0.65804	0.00035	PASS
			MCH	TN	VL	-3.54767	-0.00189	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					VN	-0.35763	-0.00019	PASS		
					VH	-0.98705	-0.00053	PASS		
					VL	-3.37601	-0.00177	PASS		
			HCH	TN	VN	2.30312	0.00121	PASS		
					VH	-2.03133	-0.00107	PASS		
					VL	-2.64645	-0.00142	PASS		
		15	LCH	TN	VN	-9.79900	-0.00528	PASS		
					VH	-1.57356	-0.00085	PASS		
					VL	-2.05994	-0.00110	PASS		
			MCH	TN	VN	-6.25134	-0.00333	PASS		
					VH	-0.12875	-0.00007	PASS		
					VL	-2.61784	-0.00138	PASS		
		HCH	TN	VN	-7.25269	-0.00381	PASS			
				VH	-1.94550	-0.00102	PASS			
				VL	-5.89371	-0.00317	PASS			
			20	LCH	TN	VN	-9.22680	-0.00496	PASS	
						VH	-6.75201	-0.00363	PASS	
						VL	-2.90394	-0.00154	PASS	
		MCH		TN	VN	-6.23703	-0.00332	PASS		
					VH	0.25749	0.00014	PASS		
					VL	-2.33173	-0.00123	PASS		
		HCH	TN	VN	-4.47750	-0.00236	PASS			
				VH	-2.03133	-0.00107	PASS			
				VL	-19.21177	-0.01038	PASS			
			LTE/TM2	1.4	LCH	TN	VN	-23.48900	-0.01269	PASS
							VH	-9.99928	-0.00540	PASS
							VL	8.22544	0.00438	PASS
		MCH			TN	VN	-3.90530	-0.00208	PASS	
						VH	1.10149	0.00059	PASS	
						VL	-3.76225	-0.00197	PASS	
		HCH	TN	VN	8.99792	0.00471	PASS			
				VH	18.71109	0.00980	PASS			
				VL	3.00407	0.00162	PASS			
			3	LCH	TN	VN	1.44482	0.00078	PASS	
						VH	0.98705	0.00053	PASS	
						VL	-5.39303	-0.00287	PASS	
		MCH		TN	VN	-9.32694	-0.00496	PASS		
					VH	-1.80244	-0.00096	PASS		
					VL					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		5	HCH	TN	VL	-6.25134	-0.00328	PASS
					VN	-1.98841	-0.00104	PASS
					VH	2.18868	0.00115	PASS
			LCH	TN	VL	-4.89235	-0.00264	PASS
					VN	-4.93527	-0.00266	PASS
					VH	-5.36442	-0.00290	PASS
			MCH	TN	VL	-2.63214	-0.00140	PASS
					VN	-3.56197	-0.00189	PASS
					VH	-1.93119	-0.00103	PASS
		HCH	TN	VL	-6.66618	-0.00349	PASS	
				VN	-5.36442	-0.00281	PASS	
				VH	-7.45296	-0.00391	PASS	
		10	LCH	TN	VL	2.03133	0.00110	PASS
					VN	2.08855	0.00113	PASS
					VH	0.05722	0.00003	PASS
			MCH	TN	VL	0.88692	0.00047	PASS
					VN	-3.46184	-0.00184	PASS
					VH	-3.59058	-0.00191	PASS
			HCH	TN	VL	0.28610	0.00015	PASS
					VN	-3.94821	-0.00207	PASS
					VH	-1.04427	-0.00055	PASS
		15	LCH	TN	VL	-1.57356	-0.00085	PASS
					VN	-8.02517	-0.00432	PASS
					VH	-1.13010	-0.00061	PASS
			MCH	TN	VL	-0.30041	-0.00016	PASS
					VN	-5.30720	-0.00282	PASS
					VH	-1.81675	-0.00097	PASS
			HCH	TN	VL	-1.43051	-0.00075	PASS
					VN	-6.79493	-0.00357	PASS
					VH	-3.50475	-0.00184	PASS
		20	LCH	TN	VL	-1.68800	-0.00091	PASS
					VN	-5.43594	-0.00292	PASS
					VH	-2.24590	-0.00121	PASS
			MCH	TN	VL	-1.38760	-0.00074	PASS
					VN	-5.22137	-0.00278	PASS
					VH	-1.91688	-0.00102	PASS
			HCH	TN	VL	-0.28610	-0.00015	PASS
					VN	-3.91960	-0.00206	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VH	-0.64373	-0.00034	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	-8.48293	-0.00458	PASS
					-20	-19.89841	-0.01075	PASS
					-10	-9.79900	-0.00529	PASS
					0	-4.86374	-0.00263	PASS
					10	-42.60063	-0.02302	PASS
					20	-4.96387	-0.00268	PASS
					30	-1.67370	-0.00090	PASS
			MCH	VN	40	2.96116	0.00160	PASS
					50	2.94685	0.00159	PASS
					-30	-1.53065	-0.00081	PASS
					-20	-1.24455	-0.00066	PASS
					-10	-12.08782	-0.00643	PASS
					0	6.98090	0.00371	PASS
					10	-3.76225	-0.00200	PASS
		HCH	VN	20	-2.76089	-0.00147	PASS	
				30	-4.82082	-0.00256	PASS	
				40	7.19547	0.00383	PASS	
				50	-1.30177	-0.00069	PASS	
				-30	-12.40253	-0.00650	PASS	
				-20	-10.34260	-0.00542	PASS	
				-10	-16.70837	-0.00875	PASS	
		3	LCH	VN	0	-8.94070	-0.00468	PASS
					10	15.80715	0.00828	PASS
					20	7.03812	0.00369	PASS
					30	1.00136	0.00052	PASS
					40	3.96252	0.00208	PASS
					50	-0.52929	-0.00028	PASS
					-30	-5.55039	-0.00300	PASS
-20	-9.41277	-0.00508	PASS					
-10	-14.21928	-0.00768	PASS					
0	-7.53880	-0.00407	PASS					



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-2.94685	-0.00159	PASS			
					20	-2.05994	-0.00111	PASS			
					30	-10.27107	-0.00555	PASS			
					40	-5.97954	-0.00323	PASS			
					50	-14.47678	-0.00782	PASS			
			MCH	VN	-30	8.92639	0.00475	PASS			
					-20	-4.94957	-0.00263	PASS			
					-10	-3.93391	-0.00209	PASS			
					0	-6.48022	-0.00345	PASS			
					10	4.29153	0.00228	PASS			
					20	-0.44346	-0.00024	PASS			
					30	-1.94550	-0.00103	PASS			
					40	-0.04292	-0.00002	PASS			
			HCH	VN	50	-2.20299	-0.00117	PASS			
					-30	-7.71046	-0.00404	PASS			
					-20	-9.02653	-0.00473	PASS			
					-10	-5.57899	-0.00292	PASS			
					0	-0.60081	-0.00031	PASS			
					10	-3.44753	-0.00181	PASS			
					20	-3.08990	-0.00162	PASS			
					30	-6.22272	-0.00326	PASS			
			5	LCH	VN	40	-3.90530	-0.00205	PASS		
						50	0.25749	0.00013	PASS		
						-30	-10.91480	-0.00589	PASS		
						-20	-4.96387	-0.00268	PASS		
						-10	-6.07967	-0.00328	PASS		
						0	-2.30312	-0.00124	PASS		
						10	-1.67370	-0.00090	PASS		
						20	-3.76225	-0.00203	PASS		
				MCH	VN	30	-5.93662	-0.00320	PASS		
						40	-13.74722	-0.00742	PASS		
						50	-6.49452	-0.00351	PASS		
						-30	-6.59466	-0.00351	PASS		
						-20	-2.73228	-0.00145	PASS		
								-10	-6.19412	-0.00329	PASS
								0	-5.17845	-0.00275	PASS
10	-2.53200	-0.00135						PASS			
20	-3.67641	-0.00196						PASS			
30	-3.74794	-0.00199						PASS			

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-6.29425	-0.00335	PASS
					50	-6.27994	-0.00334	PASS
			HCH	VN	-30	-8.21114	-0.00430	PASS
					-20	-4.22001	-0.00221	PASS
					-10	-5.69344	-0.00298	PASS
					0	-1.70231	-0.00089	PASS
					10	-3.08990	-0.00162	PASS
					20	-4.59194	-0.00241	PASS
					30	-6.93798	-0.00364	PASS
					40	-6.16550	-0.00323	PASS
					50	-6.20842	-0.00325	PASS
					LCH	VN	-30	-11.14368
			-20	-0.01431			-0.00001	PASS
			-10	-1.93119			-0.00104	PASS
			0	-8.33988			-0.00450	PASS
		10	-0.94414	-0.00051			PASS	
		20	2.18868	0.00118			PASS	
		30	0.65804	0.00035			PASS	
		40	-0.75817	-0.00041			PASS	
		50	-0.95844	-0.00052	PASS			
		MCH	VN	-30	-6.42300	-0.00342	PASS	
				-20	-1.87397	-0.00100	PASS	
				-10	-1.13010	-0.00060	PASS	
				0	-4.32015	-0.00230	PASS	
				10	-4.37737	-0.00233	PASS	
				20	-0.35763	-0.00019	PASS	
				30	-3.80516	-0.00202	PASS	
				40	-3.86238	-0.00205	PASS	
				50	0.47207	0.00025	PASS	
				HCH	VN	-30	-5.46455	-0.00287
		-20	-0.04292			-0.00002	PASS	
		-10	-1.83106			-0.00096	PASS	
		0	-6.82354			-0.00358	PASS	
		10	0.54359			0.00029	PASS	
		20	2.30312			0.00121	PASS	
		30	-2.46048			-0.00129	PASS	
		40	-2.57492			-0.00135	PASS	
		50	-4.50611	-0.00237	PASS			
		15	LCH	VN	-30	-5.82218	-0.00313	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict				
					-20	-8.88348	-0.00478	PASS				
					-10	-9.61304	-0.00518	PASS				
					0	-1.18732	-0.00064	PASS				
					10	-3.27587	-0.00176	PASS				
					20	-9.79900	-0.00528	PASS				
					30	-2.16007	-0.00116	PASS				
					40	-10.11372	-0.00544	PASS				
					50	-11.20090	-0.00603	PASS				
			MCH	VN				-30	-1.75953	-0.00094	PASS	
								-20	-4.53472	-0.00241	PASS	
								-10	-6.80924	-0.00362	PASS	
								0	-2.37465	-0.00126	PASS	
								10	-3.87669	-0.00206	PASS	
								20	-6.25134	-0.00333	PASS	
								30	-3.21865	-0.00171	PASS	
								40	-6.36578	-0.00339	PASS	
			HCH	VN				-30	-3.06129	-0.00161	PASS	
								-20	-6.88076	-0.00362	PASS	
								-10	-7.96795	-0.00419	PASS	
								0	-3.00407	-0.00158	PASS	
								10	-2.14577	-0.00113	PASS	
								20	-7.25269	-0.00381	PASS	
								30	-1.77383	-0.00093	PASS	
								40	-6.53744	-0.00344	PASS	
			20			LCH	VN	-30	-0.04292	-0.00002	PASS	
								-20	-0.04292	-0.00002	PASS	
								-10	-2.41756	-0.00130	PASS	
								0	-7.52449	-0.00405	PASS	
		10						0.00000	0.00000	PASS		
		20						-9.22680	-0.00496	PASS		
		30						0.01431	0.00001	PASS		
		40						-8.52585	-0.00458	PASS		
		50			-7.81059	-0.00420	PASS					
		MCH			VN				-30	-0.22888	-0.00012	PASS
									-20	-3.07560	-0.00164	PASS
									-10	-1.84536	-0.00098	PASS
			0	-6.69479					-0.00356	PASS		

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-2.08855	-0.00111	PASS
					20	-6.23703	-0.00332	PASS
					30	-3.36170	-0.00179	PASS
					40	-4.13418	-0.00220	PASS
					50	-4.87804	-0.00259	PASS
			HCH	VN	-30	-2.58923	-0.00136	PASS
					-20	-3.71933	-0.00196	PASS
					-10	0.30041	0.00016	PASS
					0	-4.93527	-0.00260	PASS
					10	-2.74658	-0.00145	PASS
					20	-4.47750	-0.00236	PASS
					30	-4.43459	-0.00233	PASS
					40	-5.85079	-0.00308	PASS
			50	-3.29018	-0.00173	PASS		
			LCH	VN	-30	-11.00063	-0.00594	PASS
					-20	-26.06392	-0.01408	PASS
					-10	-27.02236	-0.01460	PASS
					0	-45.31860	-0.02449	PASS
	10	-4.73499			-0.00256	PASS		
	20	-23.48900			-0.01269	PASS		
	30	-2.21729			-0.00120	PASS		
	40	-3.59058			-0.00194	PASS		
	50	-17.56668			-0.00949	PASS		
	MCH	VN			-30	5.76496	0.00307	PASS
			-20	9.64165	0.00513	PASS		
			-10	-3.96252	-0.00211	PASS		
			0	-11.83033	-0.00629	PASS		
			10	-8.15391	-0.00434	PASS		
			20	-3.90530	-0.00208	PASS		
			30	-5.02109	-0.00267	PASS		
	40	-13.14640	-0.00699	PASS				
	50	-0.61512	-0.00033	PASS				
	HCH	VN	-30	0.84400	0.00044	PASS		
			-20	-0.40054	-0.00021	PASS		
			-10	-0.78678	-0.00041	PASS		
			0	5.35011	0.00280	PASS		
10			-10.61440	-0.00556	PASS			
20			8.99792	0.00471	PASS			
30			-6.40869	-0.00336	PASS			



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-20.31326	-0.01064	PASS
					50	-3.67641	-0.00193	PASS
		3	LCH	VN	-30	-1.31607	-0.00071	PASS
					-20	-9.05514	-0.00489	PASS
					-10	-7.98225	-0.00431	PASS
					0	-2.66075	-0.00144	PASS
					10	-0.47207	-0.00025	PASS
					20	1.44482	0.00078	PASS
					30	-7.19547	-0.00389	PASS
					40	-0.92983	-0.00050	PASS
					50	-11.78741	-0.00637	PASS
					MCH	VN	-30	-4.64916
			-20	6.00815			0.00320	PASS
			-10	-10.70023			-0.00569	PASS
			0	7.42436			0.00395	PASS
			10	0.08583			0.00005	PASS
			20	-9.32694			-0.00496	PASS
			30	-11.80172			-0.00628	PASS
			40	-1.14441			-0.00061	PASS
			HCH	VN	-30	-8.33988	-0.00437	PASS
		-20			-3.56197	-0.00187	PASS	
		-10			-5.83649	-0.00306	PASS	
		0			-2.38895	-0.00125	PASS	
		10			3.17573	0.00166	PASS	
		20			-1.98841	-0.00104	PASS	
		30			1.07288	0.00056	PASS	
		40			-2.96116	-0.00155	PASS	
		5	LCH	VN	-30	-5.17845	-0.00280	PASS
					-20	-3.59058	-0.00194	PASS
					-10	-3.36170	-0.00181	PASS
					0	-4.06265	-0.00219	PASS
					10	-2.90394	-0.00157	PASS
					20	-4.93527	-0.00266	PASS
					30	-5.23567	-0.00283	PASS
					40	-7.65324	-0.00413	PASS
					50	-5.89371	-0.00318	PASS
			MCH	VN	-30	-9.89914	-0.00527	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict		
					-20	-1.15871	-0.00062	PASS		
					-10	-2.94685	-0.00157	PASS		
					0	-3.06129	-0.00163	PASS		
					10	-5.47886	-0.00291	PASS		
					20	-3.56197	-0.00189	PASS		
					30	-3.16143	-0.00168	PASS		
					40	-4.19140	-0.00223	PASS		
					50	-6.66618	-0.00355	PASS		
			HCH	VN	-30	-10.25677	-0.00538	PASS		
					-20	-4.77791	-0.00250	PASS		
					-10	-5.92232	-0.00310	PASS		
					0	-1.57356	-0.00082	PASS		
					10	-5.39303	-0.00283	PASS		
					20	-5.36442	-0.00281	PASS		
					30	-6.10828	-0.00320	PASS		
					40	-7.93934	-0.00416	PASS		
			10	LCH	VN	-30	-5.16415	-0.00278	PASS	
						-20	-0.21458	-0.00012	PASS	
						-10	0.34332	0.00019	PASS	
						0	-5.36442	-0.00289	PASS	
		10				0.45776	0.00025	PASS		
		20				2.08855	0.00113	PASS		
		30				0.84400	0.00045	PASS		
		40				-0.38624	-0.00021	PASS		
		MCH		VN	-30	-4.27723	-0.00228	PASS		
					-20	-0.18597	-0.00010	PASS		
					-10	-5.00679	-0.00266	PASS		
					0	-3.20435	-0.00170	PASS		
					10	-2.44618	-0.00130	PASS		
					20	-3.46184	-0.00184	PASS		
					30	-6.99520	-0.00372	PASS		
					40	-3.53336	-0.00188	PASS		
		HCH		VN	-30	-1.87397	-0.00100	PASS		
					-30	-3.20435	-0.00168	PASS		
					-20	-0.98705	-0.00052	PASS		
					-10	-3.56197	-0.00187	PASS		
							0	-4.59194	-0.00241	PASS



Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict			
					10	-0.55790	-0.00029	PASS			
					20	-3.94821	-0.00207	PASS			
					30	-4.93527	-0.00259	PASS			
					40	-1.14441	-0.00060	PASS			
					50	-2.47478	-0.00130	PASS			
					15	LCH	VN	-30	-5.00679	-0.00270	PASS
								-20	-8.48293	-0.00457	PASS
								-10	-7.76768	-0.00418	PASS
								0	-4.89235	-0.00263	PASS
								10	-1.37329	-0.00074	PASS
		20	-8.02517	-0.00432				PASS			
		30	-1.04427	-0.00056				PASS			
		40	-8.54015	-0.00460				PASS			
		50	-7.96795	-0.00429				PASS			
		15	MCH	VN				-30	-2.90394	-0.00154	PASS
					-20	-4.19140	-0.00223	PASS			
					-10	-4.92096	-0.00262	PASS			
					0	-4.36306	-0.00232	PASS			
					10	-1.18732	-0.00063	PASS			
					20	-5.30720	-0.00282	PASS			
					30	-1.94550	-0.00103	PASS			
					40	-5.17845	-0.00275	PASS			
					50	-3.66211	-0.00195	PASS			
					15	HCH	VN	-30	-4.53472	-0.00238	PASS
		-20	-8.09670	-0.00426				PASS			
		-10	-5.83649	-0.00307				PASS			
		0	-5.09262	-0.00268				PASS			
		10	-4.37737	-0.00230				PASS			
		20	-6.79493	-0.00357				PASS			
		30	-3.99113	-0.00210				PASS			
		40	-7.12395	-0.00374				PASS			
		50	-6.92368	-0.00364				PASS			
		20	LCH	VN				-30	-1.67370	-0.00090	PASS
-20	0.48637				0.00026	PASS					
-10	-0.54359				-0.00029	PASS					
0	-7.75337				-0.00417	PASS					
10	0.68665				0.00037	PASS					
20	-5.43594				-0.00292	PASS					
30	-4.93527				-0.00265	PASS					

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	-5.85079	-0.00315	PASS
					50	-6.06537	-0.00326	PASS
			MCH	VN	-30	-3.73364	-0.00199	PASS
					-20	-3.76225	-0.00200	PASS
					-10	-2.38895	-0.00127	PASS
					0	-4.07696	-0.00217	PASS
					10	-1.65939	-0.00088	PASS
					20	-5.22137	-0.00278	PASS
					30	-1.57356	-0.00084	PASS
					40	-6.70910	-0.00357	PASS
					50	-3.76225	-0.00200	PASS
					HCH	VN	-30	0.30041
			-20	-0.31471			-0.00017	PASS
			-10	0.71526			0.00038	PASS
			0	-5.00679			-0.00264	PASS
			10	-2.81811			-0.00148	PASS
			20	-3.91960			-0.00206	PASS
			30	-1.68800			-0.00089	PASS
40	-6.07967	-0.00320	PASS					
50	-4.33445	-0.00228	PASS					

END