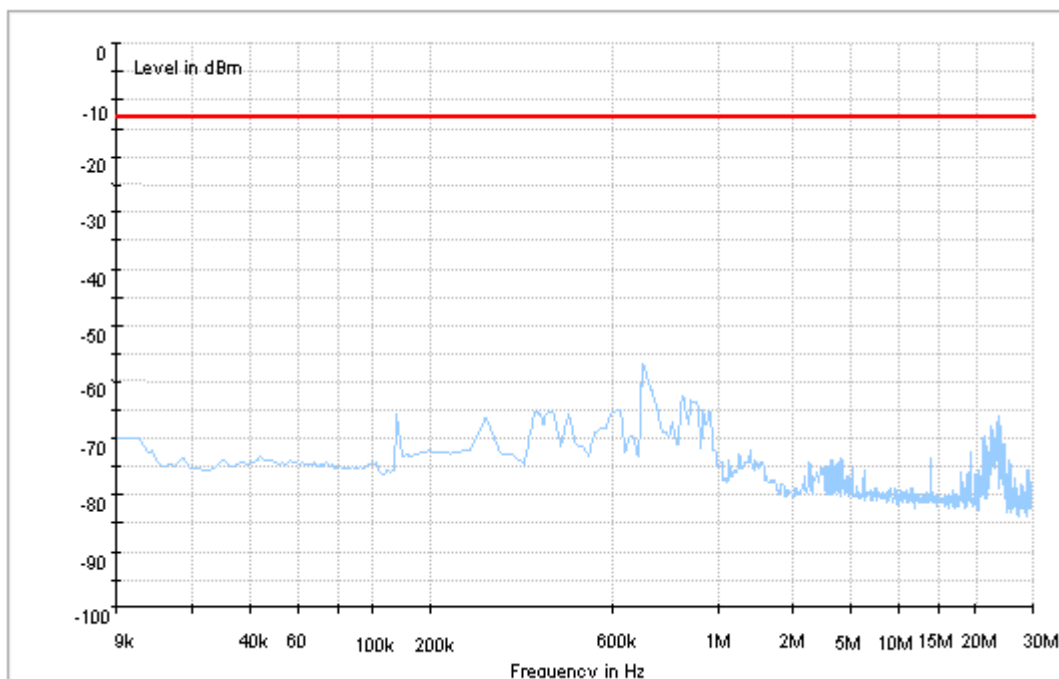
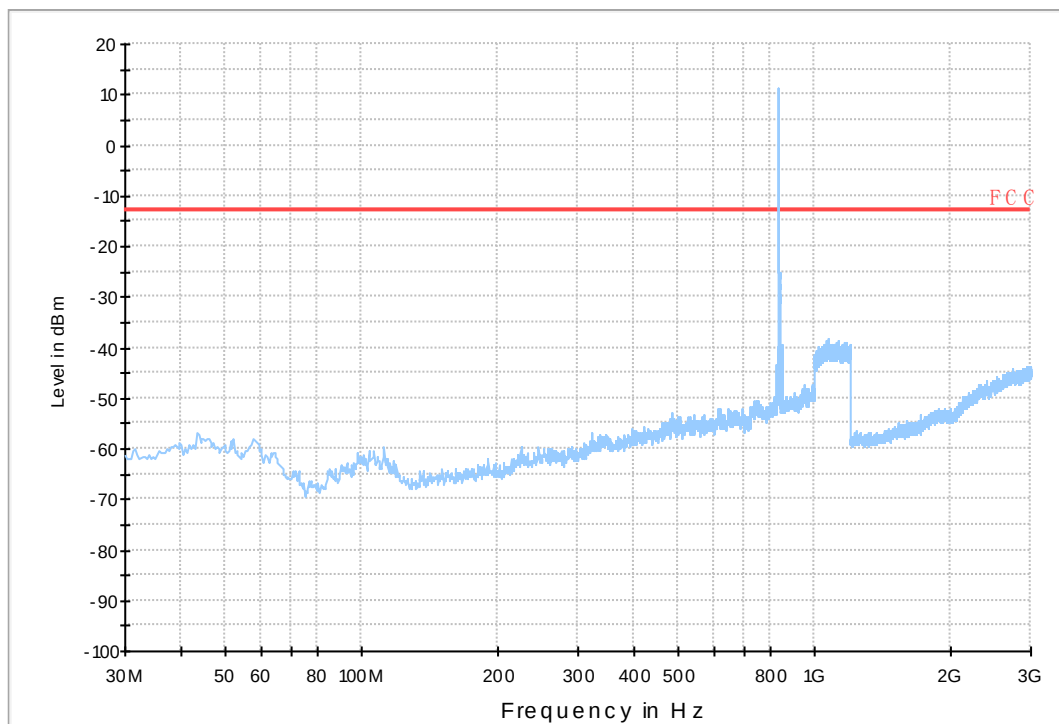


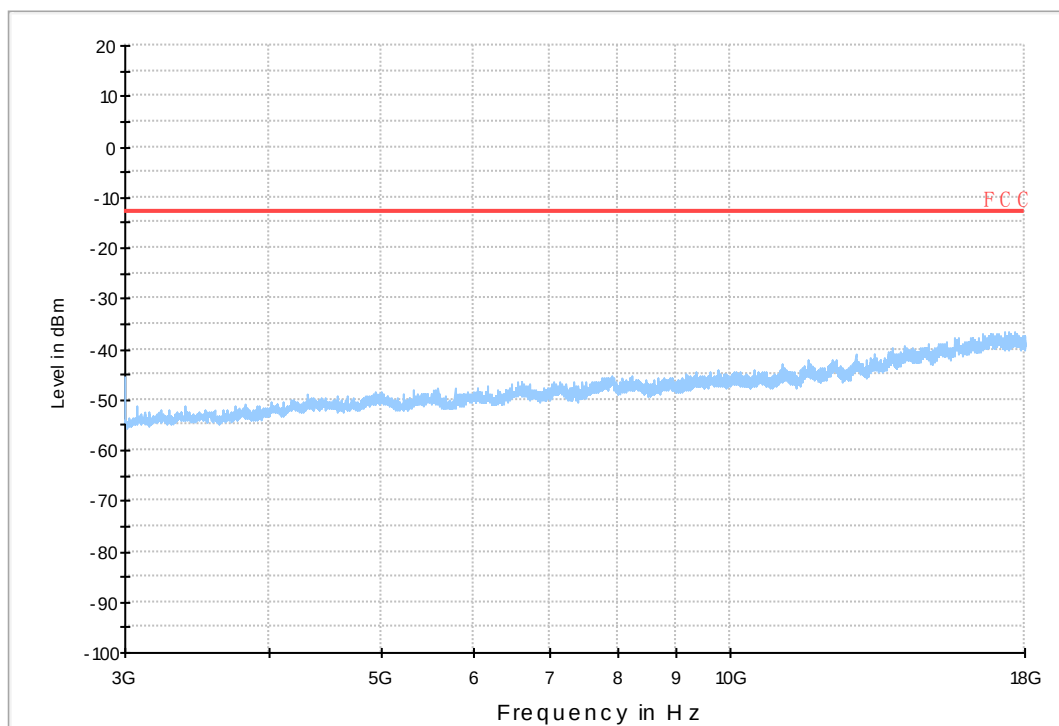
7.1.1.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L

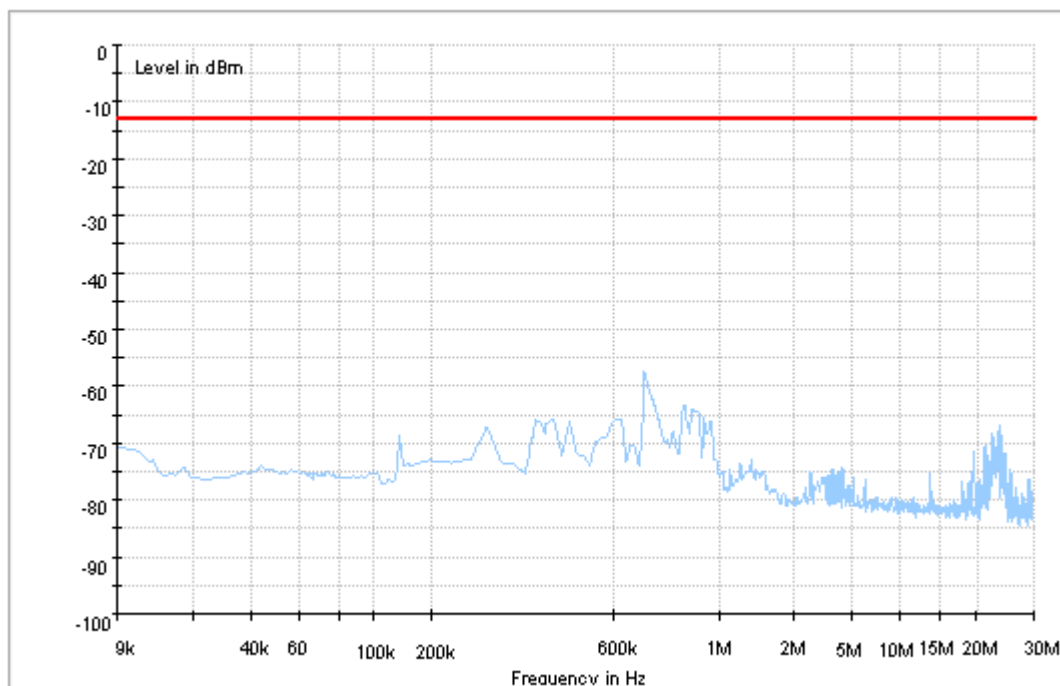


Copy of RSE-TX-DIRECTOR BELOW 1G_H

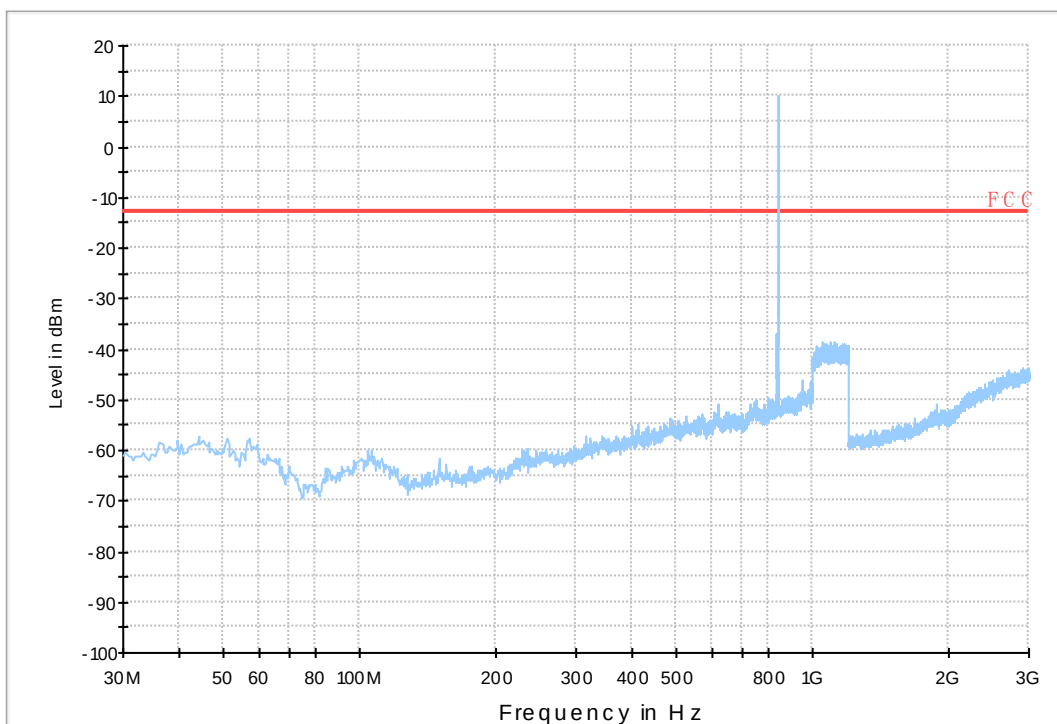


7.1.2 Test Band = BAND5_ANT2

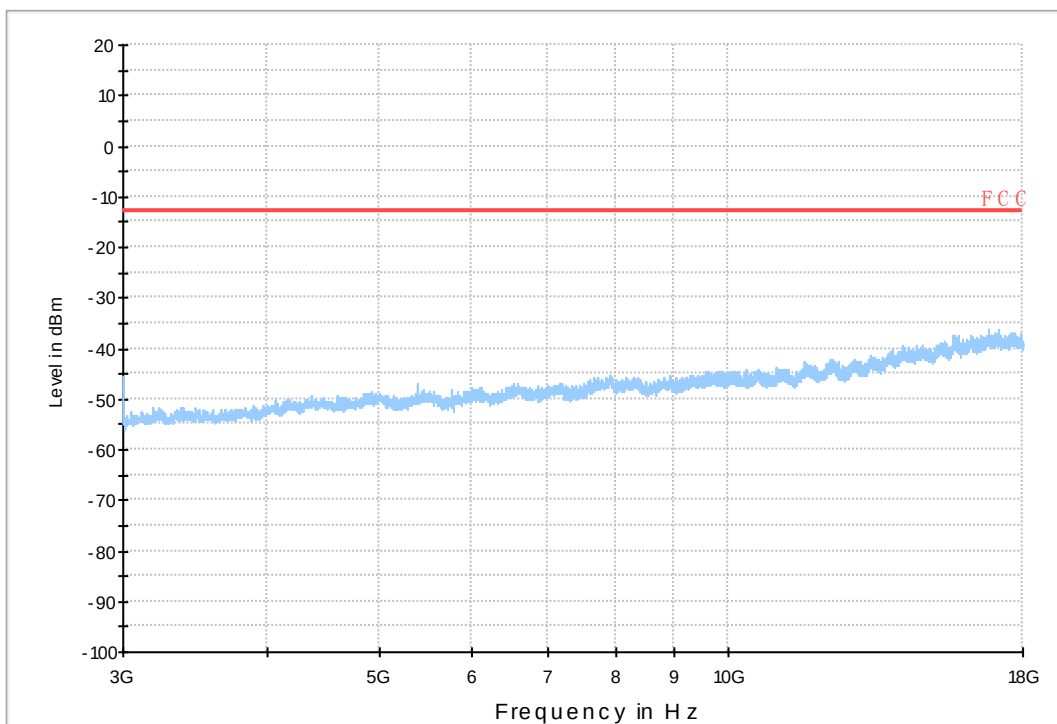
7.1.2.1 Test Bandwidth = 1.4



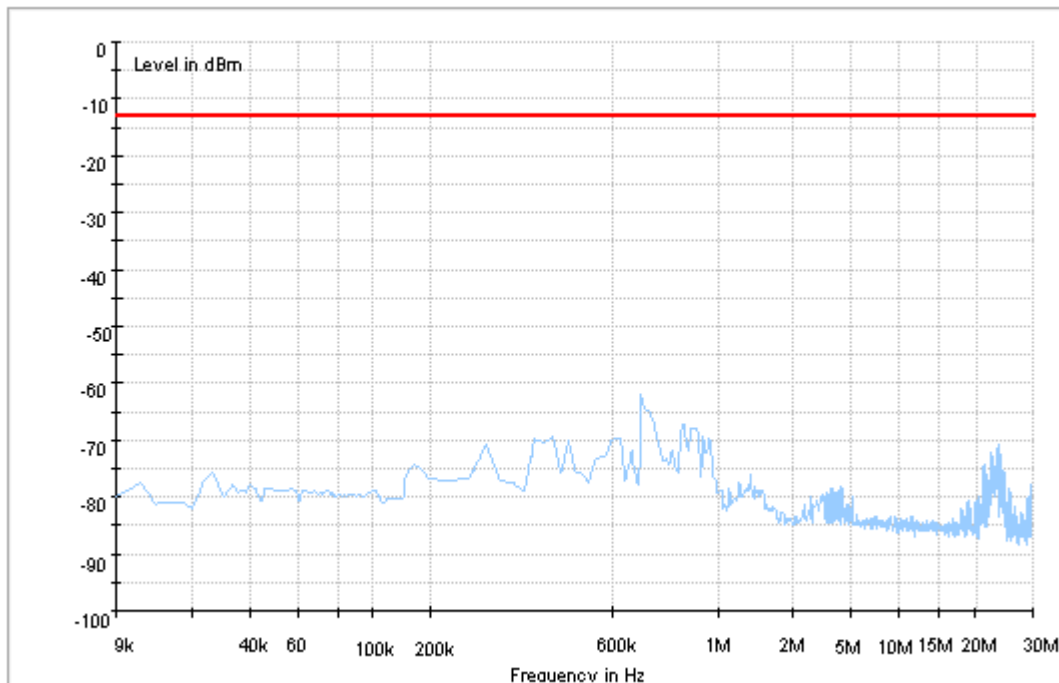
Copy of RSE-TX-DIRECTOR BELOW 1G_L



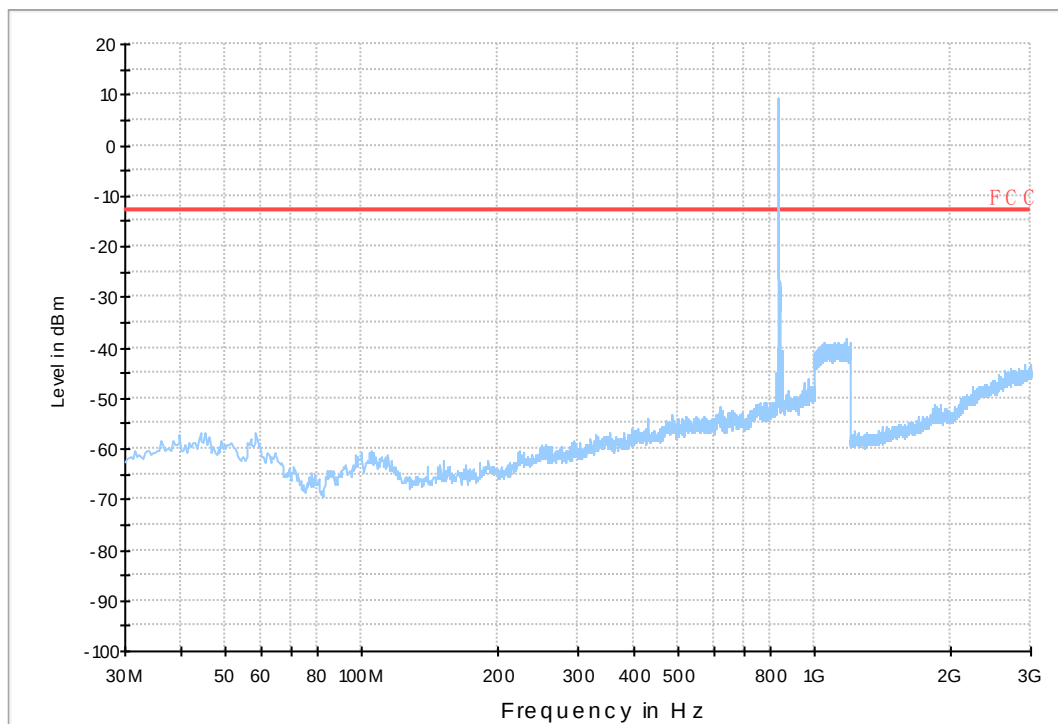
Copy of RSE-TX-DIRECTOR BELOW 1G_H



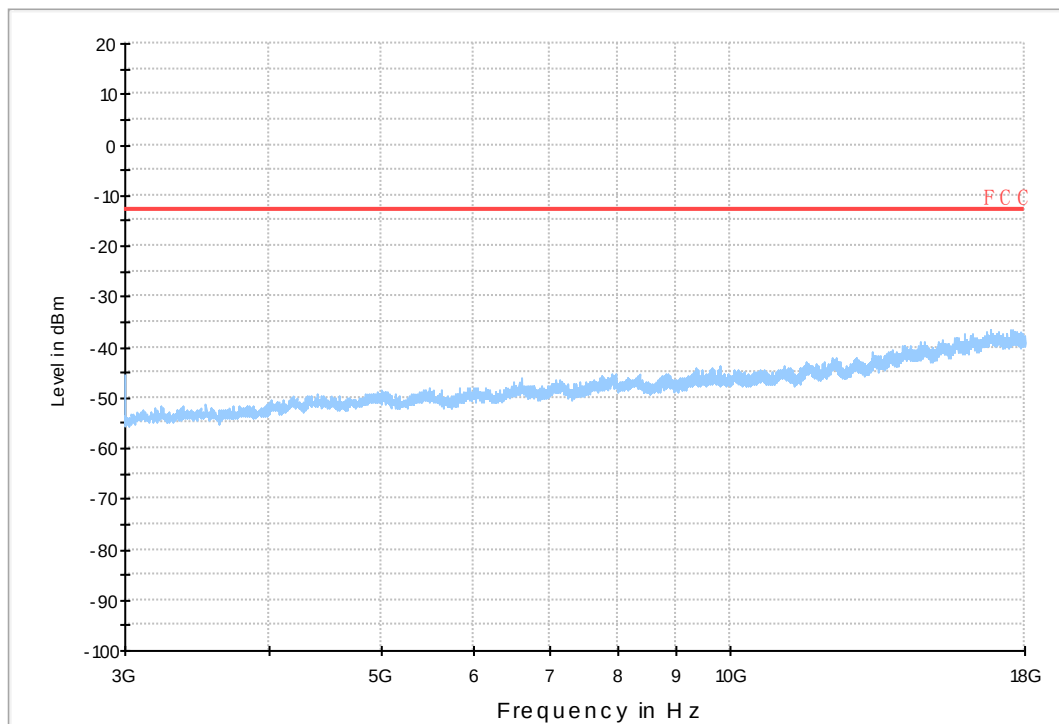
7.1.2.2 Test Bandwidth = 10



Copy of RSE-TX-DIRECTOR BELOW 1G_L



Copy of RSE-TX-DIRECTOR BELOW 1G_H



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
BAND5	LTE/TM1	1.4	LCH	TN	VL	-0.69	-0.00084	PASS
					VN	0.17	0.00021	PASS
					VH	-1.47	-0.00178	PASS
			MCH	TN	VL	-21.53	-0.02574	PASS
					VN	-1.56	-0.00186	PASS
					VH	-3.81	-0.00455	PASS
			HCH	TN	VL	0.43	0.00051	PASS
					VN	-5.28	-0.00622	PASS
					VH	1.92	0.00226	PASS
		3	LCH	TN	VL	0.1	0.00012	PASS
					VN	0.36	0.00044	PASS
					VH	0.82	0.00099	PASS
			MCH	TN	VL	-1.23	-0.00147	PASS
					VN	-1.02	-0.00122	PASS
					VH	-1.1	-0.00132	PASS
			HCH	TN	VL	-1.75	-0.00206	PASS
					VN	-4.61	-0.00544	PASS
					VH	-1.53	-0.00181	PASS
		5	LCH	TN	VL	-9.07	-0.01097	PASS
					VN	-10.56	-0.01278	PASS
					VH	-3.09	-0.00374	PASS
			MCH	TN	VL	-4.41	-0.00527	PASS
					VN	-9.63	-0.01151	PASS
					VH	-47.51	-0.0568	PASS
			HCH	TN	VL	0.39	0.00046	PASS
					VN	-3.73	-0.00441	PASS
					VH	1.03	0.00122	PASS
		10	LCH	TN	VL	13.19	0.01591	PASS
					VN	-2.62	-0.00316	PASS
					VH	-0.21	-0.00025	PASS
			MCH	TN	VL	18.44	0.02204	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VN	-8	-0.00956	PASS
					VH	11.22	0.01341	PASS
					VL	0.23	0.00027	PASS
					VN	1.02	0.00121	PASS
					VH	-0.19	-0.00023	PASS
	LTE/TM2	1.4	LCH	TN	VL	1.04	0.00126	PASS
					VN	-0.66	-0.0008	PASS
					VH	0.6	0.00073	PASS
			MCH	TN	VL	-3.71	-0.00444	PASS
					VN	-16.62	-0.01987	PASS
					VH	-6.77	-0.00809	PASS
			HCH	TN	VL	-4.82	-0.00568	PASS
					VN	1.44	0.0017	PASS
					VH	-2.4	-0.00283	PASS
		3	LCH	TN	VL	0.39	0.00047	PASS
					VN	0.74	0.0009	PASS
					VH	0	0	PASS
			MCH	TN	VL	1.23	0.00147	PASS
					VN	2.95	0.00353	PASS
					VH	8.05	0.00962	PASS
			HCH	TN	VL	-0.76	-0.0009	PASS
					VN	-5.31	-0.00627	PASS
					VH	-1.73	-0.00204	PASS
		5	LCH	TN	VL	-9.48	-0.01147	PASS
					VN	-6.67	-0.00807	PASS
					VH	-4.01	-0.00485	PASS
			MCH	TN	VL	-38.37	-0.04587	PASS
					VN	-17.91	-0.02141	PASS
					VH	-0.2	-0.00024	PASS
			HCH	TN	VL	-0.43	-0.00051	PASS
					VN	0.31	0.00037	PASS
					VH	0.24	0.00028	PASS
		10	LCH	TN	VL	4.61	0.00556	PASS
					VN	4.92	0.00593	PASS
					VH	8.77	0.01058	PASS
			MCH	TN	VL	7.57	0.00905	PASS
					VN	-0.89	-0.00106	PASS
					VH	13.03	0.01558	PASS
			HCH	TN	VL	-0.72	-0.00085	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	2.09	0.00248	PASS
					VH	1.04	0.00123	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
BAND5	LTE/TM1	1.4	LCH	VN	-30	-0.33	-0.0004	PASS
					-20	-0.47	-0.00057	PASS
					-10	-0.54	-0.00065	PASS
					0	-0.09	-0.00011	PASS
					10	-0.2	-0.00024	PASS
					20	-0.23	-0.00028	PASS
					30	-0.23	-0.00028	PASS
					40	0.19	0.00023	PASS
					50	-0.29	-0.00035	PASS
			MCH	VN	-30	-10.09	-0.01206	PASS
					-20	-3.22	-0.00385	PASS
					-10	-15.95	-0.01907	PASS
					0	-12.35	-0.01476	PASS
					10	-4.36	-0.00521	PASS
					20	5.04	0.00603	PASS
					30	13.88	0.01659	PASS
					40	-3.05	-0.00365	PASS
					50	16.16	0.01932	PASS
			HCH	VN	-30	-18.58	-0.0219	PASS
					-20	14.86	0.01752	PASS
					-10	-5.94	-0.007	PASS
					0	15.56	0.01834	PASS
					10	-4.62	-0.00545	PASS
					20	4.39	0.00518	PASS
					30	-22.13	-0.02609	PASS
					40	10.27	0.01211	PASS
					50	7.24	0.00853	PASS
		3	LCH	VN	-30	-0.1	-0.00012	PASS
					-20	7.78	0.00942	PASS
					-10	-0.19	-0.00023	PASS
					0	0.72	0.00087	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	0.83	0.00101	PASS
					20	0.56	0.00068	PASS
					30	0.03	0.00004	PASS
					40	0.07	0.00008	PASS
					50	0.51	0.00062	PASS
			MCH	VN	-30	5.81	0.00695	PASS
					-20	-5.65	-0.00675	PASS
					-10	-3.33	-0.00398	PASS
					0	4.23	0.00506	PASS
					10	-3.78	-0.00452	PASS
					20	-29.91	-0.03576	PASS
					30	-0.31	-0.00037	PASS
					40	-0.84	-0.001	PASS
					50	-6.34	-0.00758	PASS
			HCH	VN	-30	0.96	0.00113	PASS
					-20	1	0.00118	PASS
					-10	0.53	0.00063	PASS
					0	1.27	0.0015	PASS
					10	-1.6	-0.00189	PASS
					20	-3.69	-0.00435	PASS
					30	-1.09	-0.00129	PASS
					40	-7.11	-0.00839	PASS
					50	-1.97	-0.00232	PASS
		5	LCH	VN	-30	-3.39	-0.0041	PASS
					-20	-5.62	-0.0068	PASS
					-10	-7.95	-0.00962	PASS
					0	2.95	0.00357	PASS
					10	5.54	0.0067	PASS
					20	0.86	0.00104	PASS
					30	-1.43	-0.00173	PASS
					40	6.07	0.00734	PASS
					50	2.22	0.00269	PASS
			MCH	VN	-30	0.34	0.00041	PASS
					-20	-0.26	-0.00031	PASS
					-10	0.01	0.00001	PASS
					0	24.93	0.0298	PASS
					10	-37.71	-0.04508	PASS
					20	0.07	0.00008	PASS
					30	-0.03	-0.00004	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	0.13	0.00016	PASS
					50	24.28	0.02903	PASS
			HCH	VN	-30	-0.92	-0.00109	PASS
					-20	-1.33	-0.00157	PASS
					-10	-1.67	-0.00197	PASS
					0	0.83	0.00098	PASS
					10	-0.84	-0.00099	PASS
					20	-2.76	-0.00326	PASS
					30	-1.42	-0.00168	PASS
					40	-1.16	-0.00137	PASS
					50	1.16	0.00137	PASS
		10	LCH	VN	-30	10.49	0.01265	PASS
					-20	-1.8	-0.00217	PASS
					-10	-14.26	-0.0172	PASS
					0	16.89	0.02037	PASS
					10	8.83	0.01065	PASS
					20	5.28	0.00637	PASS
					30	-2.68	-0.00323	PASS
					40	4.96	0.00598	PASS
					50	-0.56	-0.00068	PASS
			MCH	VN	-30	0.36	0.00043	PASS
					-20	12.43	0.01486	PASS
					-10	7.5	0.00897	PASS
					0	-1.9	-0.00227	PASS
					10	-6.32	-0.00756	PASS
					20	14.16	0.01693	PASS
					30	-5.85	-0.00699	PASS
					40	-12.62	-0.01509	PASS
					50	-0.04	-0.00005	PASS
			HCH	VN	-30	-2.09	-0.00248	PASS
					-20	-1	-0.00118	PASS
					-10	0.84	0.001	PASS
					0	2.88	0.00341	PASS
					10	3.25	0.00385	PASS
					20	-2.63	-0.00312	PASS
					30	1.14	0.00135	PASS
					40	0.01	0.00001	PASS
					50	0.01	0.00001	PASS
	LTE/TM2	1.4	LCH	VN	-30	-1.04	-0.00126	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-0.8	-0.00097	PASS
					-10	-1.39	-0.00169	PASS
					0	-0.7	-0.00085	PASS
					10	-1.62	-0.00196	PASS
					20	0.14	0.00017	PASS
					30	-0.03	-0.00004	PASS
					40	-1	-0.00121	PASS
					50	-0.6	-0.00073	PASS
			MCH	VN	-30	-1.02	-0.00122	PASS
					-20	-8.23	-0.00984	PASS
					-10	9.38	0.01121	PASS
					0	-17.12	-0.02047	PASS
					10	-11.97	-0.01431	PASS
					20	2.36	0.00282	PASS
					30	18.01	0.02153	PASS
					40	-8.87	-0.0106	PASS
					50	10.53	0.01259	PASS
			HCH	VN	-30	-8.08	-0.00952	PASS
					-20	-4.82	-0.00568	PASS
					-10	23.45	0.02764	PASS
					0	7.7	0.00908	PASS
					10	-10.91	-0.01286	PASS
					20	-2.26	-0.00266	PASS
					30	13.95	0.01644	PASS
					40	10.91	0.01286	PASS
					50	2.12	0.0025	PASS
		3	LCH	VN	-30	0.17	0.00021	PASS
					-20	0.27	0.00033	PASS
					-10	0.49	0.00059	PASS
					0	0.09	0.00011	PASS
					10	0.57	0.00069	PASS
					20	0.23	0.00028	PASS
					30	0.36	0.00044	PASS
					40	-0.14	-0.00017	PASS
					50	-0.51	-0.00062	PASS
			MCH	VN	-30	-4.63	-0.00553	PASS
					-20	-0.86	-0.00103	PASS
					-10	1.76	0.0021	PASS
					0	3.52	0.00421	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	5.39	0.00644	PASS
					20	-3.16	-0.00378	PASS
					30	-3.33	-0.00398	PASS
					40	4.45	0.00532	PASS
					50	-4.02	-0.00481	PASS
			HCH	VN	-30	1.39	0.00164	PASS
					-20	3.06	0.00361	PASS
					-10	-0.97	-0.00114	PASS
					0	7.54	0.0089	PASS
					10	2.63	0.0031	PASS
					20	1.13	0.00133	PASS
					30	5.45	0.00643	PASS
					40	-1.95	-0.0023	PASS
					50	-0.5	-0.00059	PASS
		5	LCH	VN	-30	2.32	0.00281	PASS
					-20	4.71	0.0057	PASS
					-10	1.5	0.00181	PASS
					0	-2.55	-0.00309	PASS
					10	-7.07	-0.00855	PASS
					20	-5.31	-0.00642	PASS
					30	-0.2	-0.00024	PASS
					40	-2.69	-0.00325	PASS
					50	3.68	0.00445	PASS
			MCH	VN	-30	5.69	0.0068	PASS
					-20	35.13	0.042	PASS
					-10	17.58	0.02102	PASS
					0	21.99	0.02629	PASS
					10	42.09	0.05032	PASS
					20	63.64	0.07608	PASS
					30	39.88	0.04767	PASS
					40	25.86	0.03091	PASS
					50	-0.57	-0.00068	PASS
			HCH	VN	-30	-0.24	-0.00028	PASS
					-20	-0.37	-0.00044	PASS
					-10	-0.21	-0.00025	PASS
					0	0.86	0.00102	PASS
					10	0.67	0.00079	PASS
					20	-0.27	-0.00032	PASS
					30	-2.12	-0.0025	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		10			40	0.6	0.00071	PASS
					50	-0.67	-0.00079	PASS
			LCH	VN	-30	-14.13	-0.01704	PASS
					-20	13.66	0.01648	PASS
					-10	-5.04	-0.00608	PASS
					0	-11.69	-0.0141	PASS
					10	-4.61	-0.00556	PASS
					20	3.93	0.00474	PASS
					30	-0.92	-0.00111	PASS
					40	-5.36	-0.00647	PASS
					50	0.01	0.00001	PASS
			MCH	VN	-30	12.77	0.01527	PASS
					-20	12.13	0.0145	PASS
					-10	25.86	0.03091	PASS
					0	5.58	0.00667	PASS
					10	20.73	0.02478	PASS
					20	12.07	0.01443	PASS
					30	-4.59	-0.00549	PASS
					40	16.48	0.0197	PASS
					50	4.95	0.00592	PASS
			HCH	VN	-30	-0.6	-0.00071	PASS
					-20	0.53	0.00063	PASS
					-10	1.1	0.0013	PASS
					0	0	0	PASS
					10	-0.11	-0.00013	PASS
					20	-1.14	-0.00135	PASS
					30	-0.21	-0.00025	PASS
					40	-2	-0.00237	PASS
					50	-3.16	-0.00374	PASS

END