

APPENDIX I - FREQUENCY STABILITY

Test Mode	WCDMA Band IV _CH1413
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.26	0.001881565	± 2.5
-20	6.30	0.003633845	
-10	9.26	0.005344569	
0	3.26	0.001881565	
10	8.52	0.004917465	
20	6.26	0.003613067	
30	3.54	0.002043172	
40	4.32	0.002493363	
50	6.26	0.003613067	
Max. Deviation (ppm)	9.26	0.005344569	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.22	0.002435646	± 2.5
3.87	3.66	0.002112432	
3.60	3.25	0.001875794	
Max. Deviation (ppm)	4.22	0.002435646	

Test Mode	LTE Band 4_CH20175_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.94	-0.002851371	±2.5
-20	6.14	0.003544012	
-10	3.19	0.00184127	
0	-2.13	-0.001229437	
10	3.12	0.001800866	
20	-6.31	-0.003642136	
30	-1.27	-0.000733045	
40	3.11	0.001795094	
50	-7.04	-0.004063492	
Max. Deviation (ppm)	-7.04	-0.004063492	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	7.66	0.004421356	±2.5
3.87	-2.41	-0.001391053	
3.60	5.59	0.003226551	
Max. Deviation (ppm)	7.66	0.004421356	

Test Mode	LTE Band 4_CH20175_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.33	-0.003076479	±2.5
-20	9.15	0.005281385	
-10	3.75	0.002164502	
0	8.15	0.004704185	
10	2.76	0.001593074	
20	6.55	0.003780664	
30	-8.38	-0.004836941	
40	-1.08	-0.000623377	
50	8.17	0.004715729	
Max. Deviation (ppm)	9.15	0.005281385	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.98	0.002297258	±2.5
3.87	-6.29	-0.003630592	
3.60	-3.25	-0.001875902	
Max. Deviation (ppm)	-6.29	-0.003630592	

Test Mode	LTE Band 4_CH20175_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	7.48	0.00431746	±2.5
-20	6.49	0.003746032	
-10	5.99	0.003457431	
0	4.29	0.00247619	
10	4.62	0.002666667	
20	-5.07	-0.002926407	
30	8.57	0.004946609	
40	-3.72	-0.002147186	
50	2.04	0.001177489	
Max. Deviation (ppm)	8.57	0.004946609	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.65	0.003261183	±2.5
3.87	5.35	0.003088023	
3.60	6.76	0.003901876	
Max. Deviation (ppm)	6.76	0.003901876	

Test Mode	LTE Band 4_CH20175_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.84	-0.002793651	±2.5
-20	3.37	0.001945166	
-10	-3.68	-0.002124098	
0	-8.09	-0.004669553	
10	-1.11	-0.000640693	
20	-5.70	-0.003290043	
30	-5.23	-0.003018759	
40	3.97	0.002291486	
50	4.52	0.002608947	
Max. Deviation (ppm)	-8.09	-0.004669553	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.56	-0.003209235	±2.5
3.87	-1.06	-0.000611833	
3.60	-2.29	-0.001321789	
Max. Deviation (ppm)	-5.56	-0.003209235	

Test Mode	LTE Band 4_CH20175_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	7.29	0.004207792	±2.5
-20	-8.48	-0.004894661	
-10	7.09	0.004092352	
0	5.04	0.002909091	
10	-8.28	-0.004779221	
20	-4.67	-0.002695527	
30	4.42	0.002551227	
40	-6.54	-0.003774892	
50	7.52	0.004340548	
Max. Deviation (ppm)	-8.48	-0.004894661	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-7.23	-0.00417316	±2.5
3.87	4.86	0.002805195	
3.60	7.51	0.004334776	
Max. Deviation (ppm)	7.51	0.004334776	

Test Mode	LTE Band 4_CH20175_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	9.20	0.005310245	± 2.5
-20	-1.36	-0.000784993	
-10	-3.67	-0.002118326	
0	8.30	0.004790765	
10	8.25	0.004761905	
20	-4.53	-0.002614719	
30	-3.51	-0.002025974	
40	-5.13	-0.002961039	
50	-1.93	-0.001113997	
Max. Deviation (ppm)	9.2	0.005310245	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.28	-0.000738817	± 2.5
3.87	-4.55	-0.002626263	
3.60	-6.85	-0.003953824	
Max. Deviation (ppm)	-6.85	-0.003953824	

Test Mode	LTE Band 7_CH21100_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.53	-0.00218146	±2.5
-20	1.87	0.000737673	
-10	-7.91	-0.003120316	
0	8.03	0.003167653	
10	6.57	0.002591716	
20	-8.43	-0.003325444	
30	1.83	0.000721893	
40	5.58	0.002201183	
50	-3.78	-0.001491124	
Max. Deviation (ppm)	-8.43	-0.003325444	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.34	-0.0005286	±2.5
3.87	5.85	0.002307692	
3.60	-2.18	-0.000859961	
Max. Deviation (ppm)	5.85	0.002307692	

Test Mode	LTE Band 7_CH21100_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.14	0.002422091	± 2.5
-20	-2.92	-0.001151874	
-10	7.09	0.002796844	
0	4.16	0.001641026	
10	-7.13	-0.002812623	
20	-1.33	-0.000524655	
30	3.35	0.001321499	
40	2.98	0.001175542	
50	3.19	0.001258383	
Max. Deviation (ppm)	-7.13	-0.002812623	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.61	-0.002607495	± 2.5
3.87	-5.98	-0.002358974	
3.60	-4.65	-0.00183432	
Max. Deviation (ppm)	-6.61	-0.002607495	

Test Mode	LTE Band 7_CH21100_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-8.41	-0.003317554	±2.5
-20	2.08	0.000820513	
-10	3.57	0.001408284	
0	-6.51	-0.002568047	
10	2.66	0.00104931	
20	-4.44	-0.001751479	
30	2.53	0.000998028	
40	-6.66	-0.002627219	
50	1.46	0.000575937	
Max. Deviation (ppm)	-8.41	-0.003317554	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.71	0.001069034	±2.5
3.87	6.22	0.002453649	
3.60	-2.79	-0.001100592	
Max. Deviation (ppm)	6.22	0.002453649	

Test Mode	LTE Band 7_CH21100_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.82	0.001506903	±2.5
-20	-6.16	-0.00242998	
-10	-6.24	-0.002461538	
0	5.74	0.0022643	
10	-2.75	-0.001084813	
20	-4.63	-0.00182643	
30	-4.13	-0.001629191	
40	7.09	0.002796844	
50	-2.55	-0.001005917	
Max. Deviation (ppm)	7.09	0.002796844	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.24	-0.002067061	±2.5
3.87	4.42	0.00174359	
3.60	1.61	0.000635108	
Max. Deviation (ppm)	-5.24	-0.002067061	

Test Mode	LTE Band 12_CH23095_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-1.84	0.002600707	±2.5
-20	4.87	0.006883392	
-10	8.71	0.012310954	
0	8.14	0.0115053	
10	1.16	0.001639576	
20	3.07	0.004339223	
30	4.73	0.006685512	
40	-1.23	0.001738516	
50	-2.95	0.004169611	
Max. Deviation (ppm)	8.71	0.012310954	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.59	0.005074205	±2.5
3.87	-6.59	0.009314488	
3.60	1.57	0.002219081	
Max. Deviation (ppm)	-6.59	0.009314488	

Test Mode	LTE Band 12_CH23095_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-6.09	0.008607774	± 2.5
-20	3.03	0.004282686	
-10	1.32	0.001865724	
0	-7.11	0.01004947	
10	-2.01	0.002840989	
20	3.27	0.004621908	
30	-5.92	0.008367491	
40	5.47	0.007731449	
50	-5.27	0.007448763	
Max. Deviation (ppm)	-7.11	0.01004947	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.13	0.004424028	± 2.5
3.87	-6.52	0.009215548	
3.60	-2.09	0.002954064	
Max. Deviation (ppm)	-6.52	0.009215548	

Test Mode	LTE Band 12_CH23095_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.77	-0.006742049	±2.5
-20	-7.57	-0.010699647	
-10	-7.01	-0.009908127	
0	7.08	0.010007067	
10	3.81	0.005385159	
20	4.08	0.005766784	
30	-8.38	-0.011844523	
40	-3.56	-0.005031802	
50	2.31	0.003265018	
Max. Deviation (ppm)	-8.38	-0.011844523	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.03	-0.007109541	±2.5
3.87	-7.54	-0.010657244	
3.60	-5.37	-0.007590106	
Max. Deviation (ppm)	-7.54	-0.010657244	

Test Mode	LTE Band 12_CH23095_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	5.62	0.007943463	±2.5
-20	-6.85	-0.009681979	
-10	-2.66	-0.003759717	
0	8.96	0.012664311	
10	2.62	0.00370318	
20	-8.55	-0.012084806	
30	6.14	0.008678445	
40	9.12	0.012890459	
50	-7.85	-0.011095406	
Max. Deviation (ppm)	9.12	0.012890459	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.36	-0.003335689	±2.5
3.87	3.95	0.005583039	
3.60	-7.72	-0.010911661	
Max. Deviation (ppm)	-7.72	-0.010911661	

Test Mode	LTE Band 17_CH23790_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.49	-0.007732394	±2.5
-20	3.94	0.005549296	
-10	5.72	0.008056338	
0	-8.84	-0.012450704	
10	-2.68	-0.003774648	
20	3.96	0.005577465	
30	-4.64	-0.006535211	
40	2.15	0.003028169	
50	4.04	0.005690141	
Max. Deviation (ppm)	-8.84	-0.012450704	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.58	0.007859155	±2.5
3.87	3.38	0.004760563	
3.60	-3.24	-0.00456338	
Max. Deviation (ppm)	5.58	0.007859155	

Test Mode	LTE Band 17_CH23790_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.83	-0.003985915	±2.5
-20	1.32	0.001859155	
-10	5.39	0.007591549	
0	-1.36	-0.001915493	
10	1.15	0.001619718	
20	-4.43	-0.006239437	
30	-7.09	-0.009985915	
40	-2.86	-0.004028169	
50	7.14	0.010056338	
Max. Deviation (ppm)	7.14	0.010056338	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-7.75	-0.010915493	±2.5
3.87	5.26	0.007408451	
3.60	-6.81	-0.009591549	
Max. Deviation (ppm)	-7.75	-0.010915493	

Test Mode	LTE Band 38_CH38000_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.81	0.001468208	± 2.5
-20	-2.04	-0.000786127	
-10	8.54	0.003290944	
0	-8.44	-0.003252408	
10	2.55	0.000982659	
20	2.52	0.000971098	
30	-5.99	-0.002308285	
40	3.25	0.001252408	
50	-4.70	-0.001811175	
Max. Deviation (ppm)	8.54	0.003290944	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.73	-0.002593449	± 2.5
3.87	-4.42	-0.001703276	
3.60	1.41	0.000543353	
Max. Deviation (ppm)	-6.73	-0.002593449	

Test Mode	LTE Band 38_CH38000_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.37	-0.000913295	±2.5
-20	5.13	0.001976879	
-10	-2.18	-0.000840077	
0	8.03	0.003094412	
10	-0.69	-0.000265896	
20	-9.14	-0.003522158	
30	5.72	0.002204239	
40	-9.55	-0.003680154	
50	-3.45	-0.00132948	
Max. Deviation (ppm)	-9.55	-0.003680154	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-0.86	-0.000331407	±2.5
3.87	-2.51	-0.000967245	
3.60	-4.95	-0.001907514	
Max. Deviation (ppm)	-4.95	-0.001907514	

Test Mode	LTE Band 38_CH38000_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-8.67	-0.00334104	±2.5
-20	3.19	0.001229287	
-10	-0.27	-0.000104046	
0	-5.51	-0.002123314	
10	-4.60	-0.00177264	
20	-1.90	-0.000732177	
30	5.70	0.002196532	
40	2.01	0.000774566	
50	-6.72	-0.002589595	
Max. Deviation (ppm)	-8.67	-0.00334104	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.74	-0.002211946	±2.5
3.87	-5.53	-0.002131021	
3.60	8.77	0.003379576	
Max. Deviation (ppm)	8.77	0.003379576	

Test Mode	LTE Band 38_CH38000_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-9.63	-0.003710983	±2.5
-20	9.87	0.003803468	
-10	7.47	0.002878613	
0	3.87	0.001491329	
10	5.80	0.002235067	
20	8.08	0.00311368	
30	-5.82	-0.002242775	
40	-5.11	-0.001969171	
50	-8.19	-0.003156069	
Max. Deviation (ppm)	9.87	0.003803468	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.44	0.00094027	±2.5
3.87	2.20	0.000847784	
3.60	4.90	0.001888247	
Max. Deviation (ppm)	4.9	0.001888247	

Test Mode	LTE Band 41_CH40640_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-6.88	-0.002653297	± 2.5
-20	8.93	0.003443887	
-10	5.63	0.00217123	
0	3.57	0.001376784	
10	0.15	5.78481E-05	
20	-6.23	-0.002402622	
30	0.87	0.000335519	
40	8.12	0.003131508	
50	-2.59	-0.000998843	
Max. Deviation (ppm)	8.93	0.003443887	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.70	0.001041265	± 2.5
3.87	3.68	0.001419206	
3.60	6.84	0.002637871	
Max. Deviation (ppm)	6.84	0.002637871	

Test Mode	LTE Band 41_CH40640_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.53	0.002518319	± 2.5
-20	-6.75	-0.002603162	
-10	6.48	0.002499036	
0	-5.40	-0.00208253	
10	7.90	0.003046664	
20	8.54	0.003293482	
30	8.02	0.003092943	
40	4.13	0.00159275	
50	8.69	0.003351331	
Max. Deviation (ppm)	8.69	0.003351331	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.50	-0.000964134	± 2.5
3.87	8.63	0.003328191	
3.60	-7.22	-0.00278442	
Max. Deviation (ppm)	8.63	0.003328191	

Test Mode	LTE Band 41_CH40640_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.86	-0.003031238	±2.5
-20	-2.34	-0.00090243	
-10	4.15	0.001600463	
0	0.77	0.000296953	
10	-3.70	-0.001426919	
20	6.50	0.002506749	
30	-1.35	-0.000520632	
40	0.01	3.85654E-06	
50	-0.38	-0.000146548	
Max. Deviation (ppm)	-7.86	-0.003031238	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.75	0.000674894	±2.5
3.87	-8.20	-0.00316236	
3.60	-2.34	-0.00090243	
Max. Deviation (ppm)	-8.2	-0.00316236	

Test Mode	LTE Band 41_CH40640_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-7.30	-0.002815272	±2.5
-20	-6.87	-0.002649441	
-10	4.01	0.001546471	
0	4.41	0.001700733	
10	6.91	0.002664867	
20	-9.26	-0.003571153	
30	-4.48	-0.001727728	
40	1.87	0.000721172	
50	-0.56	-0.000215966	
Max. Deviation (ppm)	-9.26	-0.003571153	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.46	0.001334362	±2.5
3.87	3.41	0.001315079	
3.60	4.35	0.001677594	
Max. Deviation (ppm)	4.35	0.001677594	

Test Mode	LTE Band 66_CH132322_1.4M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	8.85	0.005071633	±2.5
-20	1.41	0.000808023	
-10	7.58	0.00434384	
0	-2.22	0.001272206	
10	6.94	0.003977077	
20	2.86	0.001638968	
30	-6.02	0.003449857	
40	-0.98	0.000561605	
50	-5.68	0.003255014	
Max. Deviation (ppm)	8.85	0.005071633	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.15	0.002951289	±2.5
3.87	-1.14	0.000653295	
3.60	-3.54	0.002028653	
Max. Deviation (ppm)	5.15	0.002951289	

Test Mode	LTE Band 66_CH132322_3M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.45	0.003696275	±2.5
-20	-6.78	0.003885387	
-10	3.17	0.001816619	
0	-6.25	0.003581662	
10	2.60	0.001489971	
20	-3.54	0.002028653	
30	-7.10	0.004068768	
40	-1.05	0.000601719	
50	-5.92	0.00339255	
Max. Deviation (ppm)	-7.1	0.004068768	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.94	0.003977077	±2.5
3.87	5.80	0.003323782	
3.60	7.40	0.004240688	
Max. Deviation (ppm)	7.4	0.004240688	

Test Mode	LTE Band 66_CH132322_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.50	-0.003151862	±2.5
-20	7.83	0.004487106	
-10	-3.18	-0.00182235	
0	-3.00	-0.001719198	
10	2.57	0.001472779	
20	-6.50	-0.003724928	
30	4.87	0.002790831	
40	-2.15	-0.001232092	
50	-7.23	-0.004143266	
Max. Deviation (ppm)	7.82	0.004487106	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.01	0.000578797	±2.5
3.87	2.05	0.001174785	
3.60	7.03	0.004028653	
Max. Deviation (ppm)	7.03	0.004028653	

Test Mode	LTE Band 66_CH132322_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.55	-0.00260745	±2.5
-20	6.92	0.003965616	
-10	6.79	0.003891117	
0	3.88	0.002223496	
10	7.82	0.004481375	
20	3.87	0.002217765	
30	5.92	0.00339255	
40	-2.47	-0.001415473	
50	1.03	0.000590258	
Max. Deviation (ppm)	7.82	0.004481375	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.97	0.002848138	±2.5
3.87	6.57	0.003765043	
3.60	3.34	0.00191404	
Max. Deviation (ppm)	6.57	0.003765043	

Test Mode	LTE Band 66_CH132322_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.42	-0.003106017	±2.5
-20	-6.03	-0.003455587	
-10	5.09	0.002916905	
0	-8.63	-0.004945559	
10	-8.87	-0.005083095	
20	6.68	0.00382808	
30	-3.96	-0.002269341	
40	-6.57	-0.003765043	
50	-7.49	-0.004292264	
Max. Deviation (ppm)	-8.87	-0.005083095	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-6.06	-0.003472779	±2.5
3.87	-2.97	-0.001702006	
3.60	-1.43	-0.000819484	
Max. Deviation (ppm)	-6.06	-0.003472779	

Test Mode	LTE Band 66_CH132322_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-4.93	-0.002825215	±2.5
-20	-0.68	-0.000389685	
-10	-6.58	-0.003770774	
0	-4.11	-0.002355301	
10	2.73	0.00156447	
20	-2.44	-0.001398281	
30	-6.11	-0.003501433	
40	2.47	0.001415473	
50	7.37	0.004223496	
Max. Deviation (ppm)	7.37	0.004223496	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	3.45	0.001977077	±2.5
3.87	6.41	0.003673352	
3.60	-7.63	-0.004372493	
Max. Deviation (ppm)	-7.63	-0.004372493	

End of Test Report