

Test Mode	LTE Band 4_CH20175_5M
-----------	-----------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	6.09	0.003515152	±2.5
10	2.55	0.001471861	
20	-5.62	-0.003243867	
30	-1.68	-0.000969697	
35	-3.52	-0.002031746	
Max. Deviation (ppm)	6.09	0.003515152	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.58	0.000911977	±2.5
3.87	-5.34	-0.003082251	
3.6	-2.91	-0.001679654	
Max. Deviation (ppm)	-5.34	-0.003082251	

Test Mode	LTE Band 4_CH20175_10M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-4.84	-0.002793651	± 2.5
10	2.95	0.001702742	
20	1.21	0.000698413	
30	-3.10	-0.001789322	
35	3.75	0.002164502	
Max. Deviation (ppm)	-4.84	-0.002793651	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-3.43	-0.001979798	± 2.5
3.87	-4.36	-0.002516595	
3.6	2.58	0.001489177	
Max. Deviation (ppm)	-4.36	-0.002516595	

Test Mode	LTE Band 4_CH20175_15M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.29	0.00189899	± 2.5
10	5.24	0.003024531	
20	1.06	0.000611833	
30	-3.96	-0.002285714	
35	-2.57	-0.001483405	
Max. Deviation (ppm)	5.24	0.003024531	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.52	-0.001454545	± 2.5
3.87	5.87	0.003388167	
3.6	4.76	0.002747475	
Max. Deviation (ppm)	5.87	0.003388167	

Test Mode	LTE Band 4_CH20175_20M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	6.34	0.003659452	± 2.5
10	1.77	0.001021645	
20	3.73	0.002152958	
30	-5.24	-0.003024531	
35	5.31	0.003064935	
Max. Deviation (ppm)	6.34	0.003659452	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-4.89	-0.002822511	± 2.5
3.87	-4.24	-0.00244733	
3.6	-3.65	-0.002106782	
Max. Deviation (ppm)	-4.89	-0.002822511	

Test Mode	LTE Band 7_CH21100_5M
-----------	-----------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-4.28	-0.001688363	± 2.5
10	-5.17	-0.002039448	
20	-5.63	-0.002220907	
30	1.35	0.000532544	
35	-2.32	-0.000915187	
Max. Deviation (ppm)	-5.63	-0.002220907	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.82	0.001112426	± 2.5
3.87	2.11	0.000832347	
3.6	-4.04	-0.001593688	
Max. Deviation (ppm)	-4.04	-0.001593688	

Test Mode	LTE Band 7_CH21100_10M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.24	0.001278107	±2.5
10	2.99	0.001179487	
20	6.05	0.002386588	
30	-3.88	-0.001530572	
35	3.78	0.001491124	
Max. Deviation (ppm)	6.05	0.002386588	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.53	-0.00218146	±2.5
3.87	-2.89	-0.001140039	
3.6	-2.88	-0.001136095	
Max. Deviation (ppm)	-5.53	-0.00218146	

Test Mode	LTE Band 7_CH21100_15M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	4.62	0.001822485	± 2.5
10	-1.05	-0.000414201	
20	5.88	0.002319527	
30	1.52	0.000599606	
35	1.23	0.000485207	
Max. Deviation (ppm)	5.88	0.002319527	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.01	0.001976331	± 2.5
3.87	-3.95	-0.001558185	
3.6	-4.34	-0.001712032	
Max. Deviation (ppm)	5.01	0.001976331	

Test Mode	LTE Band 7_CH21100_20M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.09	0.001218935	± 2.5
10	4.73	0.001865878	
20	-5.29	-0.002086785	
30	-6.21	-0.002449704	
35	2.03	0.000800789	
Max. Deviation (ppm)	-6.21	-0.002449704	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.45	-0.002149901	± 2.5
3.87	1.71	0.000674556	
3.6	-2.53	-0.000998028	
Max. Deviation (ppm)	-5.45	-0.002149901	

Test Mode	LTE Band 12_CH23095_1.4M
-----------	--------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.60	0.005088339	± 2.5
10	3.16	0.004466431	
20	-1.56	0.002204947	
30	2.93	0.004141343	
35	4.41	0.006233216	
Max. Deviation (ppm)	4.41	0.006233216	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-2.48	0.0035053	± 2.5
3.87	3.94	0.005568905	
3.6	4.31	0.006091873	
Max. Deviation (ppm)	4.31	0.006091873	

Test Mode	LTE Band 12_CH23095_3M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-1.72	0.002431095	± 2.5
10	3.02	0.004268551	
20	-6.10	0.008621908	
30	-5.89	0.008325088	
35	3.37	0.004763251	
Max. Deviation (ppm)	-6.1	0.008621908	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.29	0.006063604	± 2.5
3.87	4.36	0.006162544	
3.6	5.75	0.008127208	
Max. Deviation (ppm)	5.75	0.008127208	

Test Mode	LTE Band 12_CH23095_5M
-----------	------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-3.01	-0.004254417	± 2.5
10	-6.36	-0.008989399	
20	6.72	0.009498233	
30	-6.32	-0.008932862	
35	-2.85	-0.004028269	
Max. Deviation (ppm)	6.72	0.009498233	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-1.03	-0.00145583	± 2.5
3.87	-2.49	-0.003519435	
3.6	4.49	0.00634629	
Max. Deviation (ppm)	4.49	0.00634629	

Test Mode	LTE Band 12_CH23095_10M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)			Limit(ppm)
0	5.15	0.007279152	±2.5
10	-4.12	-0.005823322	
20	-2.69	-0.00380212	
30	-2.15	-0.003038869	
35	-4.48	-0.006332155	
Max. Deviation (ppm)	5.15	0.007279152	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	2.46	0.003477032	±2.5
3.87	-4.67	-0.006600707	
3.6	3.21	0.004537102	
Max. Deviation (ppm)	-4.67	-0.006600707	

Test Mode	LTE Band 66_CH132272_1.4M
-----------	---------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-4.78	0.002739255	± 2.5
10	-6.15	0.003524355	
20	6.19	0.003547278	
30	1.26	0.000722063	
35	2.42	0.001386819	
Max. Deviation (ppm)	6.19	0.003547278	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	6.12	0.003507163	± 2.5
3.87	-3.08	0.001765043	
3.6	-3.72	0.002131805	
Max. Deviation (ppm)	6.12	0.003507163	

Test Mode	LTE Band 66_CH132272_3M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.66	0.001524355	± 2.5
10	6.05	0.003467049	
20	-1.68	0.000962751	
30	-1.26	0.000722063	
35	-4.74	0.002716332	
Max. Deviation (ppm)	6.05	0.003467049	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	-5.49	0.003146132	± 2.5
3.87	-2.64	0.001512894	
3.6	4.98	0.002853868	
Max. Deviation (ppm)	-5.49	0.003146132	

Test Mode	LTE Band 66_CH132272_5M
-----------	-------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.36	0.003071633	± 2.5
10	-3.07	-0.001759312	
20	2.04	0.001169054	
30	-1.95	-0.001117479	
35	-3.56	-0.002040115	
Max. Deviation (ppm)	5.36	0.003071633	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.05	0.000601719	± 2.5
3.87	1.59	0.000911175	
3.6	4.73	0.002710602	
Max. Deviation (ppm)	4.73	0.002710602	

Test Mode	LTE Band 66_CH132272_10M
-----------	--------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	4.61	0.002641834	± 2.5
10	6.74	0.003862464	
20	-4.81	-0.002756447	
30	-1.15	-0.000659026	
35	-5.32	-0.003048711	
Max. Deviation (ppm)	6.74	0.003862464	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	1.22	0.00069914	± 2.5
3.87	-3.62	-0.002074499	
3.6	-5.56	-0.003186246	
Max. Deviation (ppm)	-5.56	-0.003186246	

Test Mode	LTE Band 66_CH132272_15M
-----------	--------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-3.73	-0.002137536	± 2.5
10	2.75	0.001575931	
20	3.14	0.001799427	
30	5.29	0.003031519	
35	6.42	0.003679083	
Max. Deviation (ppm)	6.42	0.003679083	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	4.73	0.002710602	± 2.5
3.87	5.57	0.003191977	
3.6	2.78	0.001593123	
Max. Deviation (ppm)	5.57	0.003191977	

Test Mode	LTE Band 66_CH132272_20M
-----------	--------------------------

Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	1.94	0.001111748	± 2.5
10	5.43	0.003111748	
20	2.41	0.001381089	
30	-2.26	-0.001295129	
35	-4.89	-0.002802292	
Max. Deviation (ppm)	5.43	0.003111748	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.45	5.39	0.003088825	± 2.5
3.87	1.58	0.000905444	
3.6	4.64	0.002659026	
Max. Deviation (ppm)	5.39	0.003088825	

End of Test Report