

**Appendix G-Frequency Stability**

**Test Data:**

Frequency Stability vs temperature:

1. Test for TDD LTE Band 48 Downlink (Middle Channel: 3625MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	12.43	0.0034
40	120	46.39	0.0128
30	120	6.57	0.0018
20	120	11.71	0.0032
10	120	58.97	0.0163
0	120	22.03	0.0061
-10	120	50.25	0.0139
-20	120	49.34	0.0136
-30	120	42.92	0.0118

Frequency Stability vs voltage:

1. Test for TDD LTE Band 48 Downlink (Middle Channel: 3625MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	55.09	0.0152
120	20	11.71	0.0032
132	20	22.85	0.0063



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Compliance Certification Services (Kunshan) Inc.  
EMC Laboratory

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300  
中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn  
t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com