

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

1. Test for FDD LTE Band 30 Downlink (Middle Channel: 2355MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	2.84	0.0012
40	120	56.54	0.0240
30	120	11.12	0.0047
20	120	25.11	0.0107
10	120	35.71	0.0152
0	120	36.12	0.0153
-10	120	65.94	0.0280
-20	120	96.17	0.0408
-30	120	80.25	0.0341

Frequency Stability vs voltage:

1. Test for FDD LTE Band 30 Downlink (Middle Channel: 2355MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	43.42	0.0184
120	20	25.11	0.0107
132	20	1.60	0.0007



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300

中国·江苏·昆山市留学院创业园伟业路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