

**Appendix G-Frequency Stability**

**Test Data:**

Frequency Stability vs temperature:

1. Test for FDD LTE Band 14 Downlink (Middle Channel: 763.0MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	26.85	0.0352
40	120	59.92	0.0785
30	120	13.78	0.0181
20	120	52.16	0.0684
10	120	48.09	0.0630
0	120	53.06	0.0695
-10	120	7.76	0.0102
-20	120	67.37	0.0883
-30	120	71.62	0.0939

Frequency Stability vs voltage:

1. Test for FDD LTE Band 14 Downlink (Middle Channel: 763.0MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	33.88	0.0444
120	20	52.16	0.0684
132	20	15.12	0.0198



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