

**Appendix G-Frequency Stability**
**Test Data:**

Frequency Stability vs temperature:

1. Test for FDD LTE Band 12 Downlink (Middle Channel: 737.5MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	32.01	0.0434
40	120	22.48	0.0305
30	120	59.27	0.0804
20	120	19.19	0.0260
10	120	48.03	0.0651
0	120	35.31	0.0479
-10	120	82.88	0.1124
-20	120	38.76	0.0526
-30	120	11.75	0.0159

Frequency Stability vs voltage:

1. Test for FDD LTE Band 12 Downlink (Middle Channel: 737.5MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	2.38	0.0032
120	20	19.19	0.0260
132	20	56.73	0.0769



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