

**Appendix G-Frequency Stability**

**Test Data:**

Frequency Stability vs temperature:

1. Test for FDD LTE Band 25 Downlink (Middle Channel: 1962.5MHz)

Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
50	24.63	0.0126
40	75.79	0.0386
30	9.70	0.0049
20	90.55	0.0461
10	85.83	0.0437
0	15.84	0.0081
-10	19.06	0.0097
-20	20.59	0.0105
-30	19.95	0.0102

Frequency Stability vs voltage:

1. Test for FDD LTE Band 25 Downlink (Middle Channel: 1962.5MHz)

Voltage (V dc)	Frequency Error (Hz)	Tolerance(ppm)
43.2	58.46	0.0298
48	49.20	0.0251
52.8	70.46	0.0359



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