

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

1. Test for FDD LTE Band 13 Downlink (Middle Channel: 751.0MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	27.14	0.0361
40	120	41.20	0.0549
30	120	29.81	0.0397
20	120	37.56	0.0500
10	120	30.71	0.0409
0	120	2.11	0.0028
-10	120	15.43	0.0205
-20	120	20.65	0.0275
-30	120	17.36	0.0231

Frequency Stability vs voltage:

1. Test for FDD LTE Band 13 Downlink (Middle Channel: 751.0MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	33.88	0.0451
120	20	37.56	0.0500
132	20	49.18	0.0655



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