

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

1. Test for FDD LTE Band 71 Downlink (Middle Channel: 634.5MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	33.49	0.0528
40	120	22.69	0.0358
30	120	60.48	0.0953
20	120	20.63	0.0325
10	120	49.5	0.078
0	120	36.59	0.0577
-10	120	48.98	0.0772
-20	120	43.42	0.0684
-30	120	26.53	0.0418

Frequency Stability vs voltage:

1. Test for FDD LTE Band 71 Downlink (Middle Channel: 634.5MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	2.39	0.0038
120	20	20.63	0.0325
132	20	57.6	0.0908



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