

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

1. Test for FDD LTE Band 66 Downlink (Middle Channel: 2145MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	3.68	0.0017
40	120	79.40	0.0370
30	120	32.11	0.0150
20	120	53.37	0.0249
10	120	27.74	0.0129
0	120	48.17	0.0225
-10	120	1.88	0.0009
-20	120	31.45	31.45
-30	120	23.21	23.21

Frequency Stability vs voltage:

1. Test for FDD LTE Band 66 Downlink (Middle Channel: 2145MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	31.30	0.0146
120	20	53.37	0.0249
132	20	34.22	0.0160



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