

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

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

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	24.51	0.0125
40	120	40.06	0.0204
30	120	7.91	0.0040
20	120	52.27	0.0266
10	120	36.29	0.0185
0	120	57.92	0.0295
-10	120	59.45	0.0303
-20	120	43.98	0.0224
-30	120	18.35	0.0094

Frequency Stability vs voltage:

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

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
108	20	1.41	0.0007
120	20	52.27	0.0266
132	20	10.34	0.0053



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