

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

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

Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
50	53.22	0.0248
40	49.69	0.0232
30	64.15	0.0299
20	16.87	0.0079
10	95.77	0.0446
0	36.31	0.0169
-10	6.74	0.0031
-20	34.24	0.0160
-30	27.54	0.0128

Frequency Stability vs voltage:

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

Voltage (V dc)	Frequency Error (Hz)	Tolerance(ppm)
43.2	60.76	0.0283
48	77.76	0.0362
52.8	57.36	0.0267



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