

Appendix G-Frequency Stability

Test Data:

Frequency Stability vs temperature:

1. Test for FDD LTE Band 30 Downlink (Middle Channel: 2355MHz)

Temperature(°C)	Voltage (V ac)	Frequency Error (Hz)	Tolerance(ppm)
50	120	10.56	0.0045
40	120	29.84	0.0126
30	120	14.22	0.0060
20	120	20.21	0.0086
10	120	35.89	0.0152
0	120	32.72	0.0139
-10	120	45.64	0.0194
-20	120	56.37	0.0239
-30	120	60.05	0.0255

Frequency Stability vs voltage:

1. Test for FDD LTE Band 30 Downlink (Middle Channel: 2355MHz)

Voltage (V ac)	Temperature(°C)	Frequency Error (Hz)	Tolerance(ppm)
102	20	33.62	0.0143
120	20	30.41	0.0129
138	20	20.63	0.0088



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