

Appendix I: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0047
V max(V)	5180.0062
V min(V)	5180.0038
Max. Deviation Frequency	0.0062
Max. Frequency Error (ppm)	1.20

Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)
	5180
-5	5180.0080
5	5180.0027
15	5180.0031
25	5180.0069
35	5180.0071
45	5180.0033
50	5180.0088
Max. Deviation Frequency	0.0088
Max. Frequency Error (ppm)	1.70

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0042
V max(V)	5825.0072
V min(V)	5825.0046
Max. Deviation Frequency	0.0072
Max. Frequency Error (ppm)	1.24

Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)
	5825
-5	5825.0062
5	5825.0047
15	5825.0023
25	5825.0041
35	5825.0039
45	5825.0064
50	5825.0028
Max. Deviation Frequency	0.0064
Max. Frequency Error (ppm)	1.10

END