

Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0045
V max(V)	5180.0039
V min(V)	5180.0078
Max. Deviation Frequency	0.0078
Max. Frequency Error (ppm)	1.51

Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)
	5180
-5	5180.0045
5	5180.0016
15	5180.0039
25	5180.0074
35	5180.0078
45	5180.0041
50	5180.0082
Max. Deviation Frequency	0.0082
Max. Frequency Error (ppm)	1.58

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0047
V max(V)	5825.0033
V min(V)	5825.0029
Max. Deviation Frequency	0.0047
Max. Frequency Error (ppm)	0.81

Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)
	5825
-5	5825.0074
5	5825.0094
15	5825.0018
25	5825.0034
35	5825.0078
45	5825.0063
50	5825.0027
Max. Deviation Frequency	0.0094
Max. Frequency Error (ppm)	1.61

END