

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4254

CALIBRATION DATE: 11-Sep-14

SBE 37 RTC CALIBRATION DATA

ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999814e-001

rtca1 = 1.587114e-006

rtca2 = -3.123477e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999830	0.9999830	-0.0
4.5000	0.9999880	0.9999879	-0.1
15.0000	0.9999980	0.9999982	0.2
18.5000	1.0000000	1.0000001	0.1
24.0000	1.0000020	1.0000015	-0.5
29.0000	1.0000010	1.0000012	0.2
32.5001	1.0000000	1.0000000	0.0

RTC frequency = $rtca0 + rtca1 * t + rtca2 * t^2$

Residual = (Computed RTC frequency - Measured RTC frequency) * 1e6

