

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2341
CALIBRATION DATE: 06-Feb-14

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999837e-001

rtca1 = 1.483817e-006

rtca2 = -2.410202e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999850	0.9999852	0.2
4.5000	0.9999900	0.9999899	-0.1
15.0000	1.0000010	1.0000006	-0.4
18.5000	1.0000030	1.0000029	-0.1
24.0000	1.0000050	1.0000055	0.5
29.0000	1.0000060	1.0000065	0.5
32.5000	1.0000070	1.0000065	-0.5

$$\text{RTC frequency} = \text{rtca0} + \text{rtca1} * t + \text{rtca2} * t^2$$

$$\text{Residual} = (\text{Computed RTC frequency} - \text{Measured RTC frequency}) * 1e6$$

Date, Delta F ppm

