

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2322
CALIBRATION DATE: 23-Jun-12

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000005e+000

rtca1 = 1.547127e-006

rtca2 = -3.277845e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	1.0000060	1.0000060	0.0
4.4999	1.0000110	1.0000108	-0.2
15.0000	1.0000200	1.0000204	0.4
18.5000	1.0000220	1.0000219	-0.1
24.0000	1.0000230	1.0000228	-0.2
29.0000	1.0000220	1.0000218	-0.2
32.5000	1.0000200	1.0000202	0.2

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

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

Date, Delta F ppm

