

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3769
CALIBRATION DATE: 09-Dec-11

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999758e-001

rtca1 = 1.835669e-006

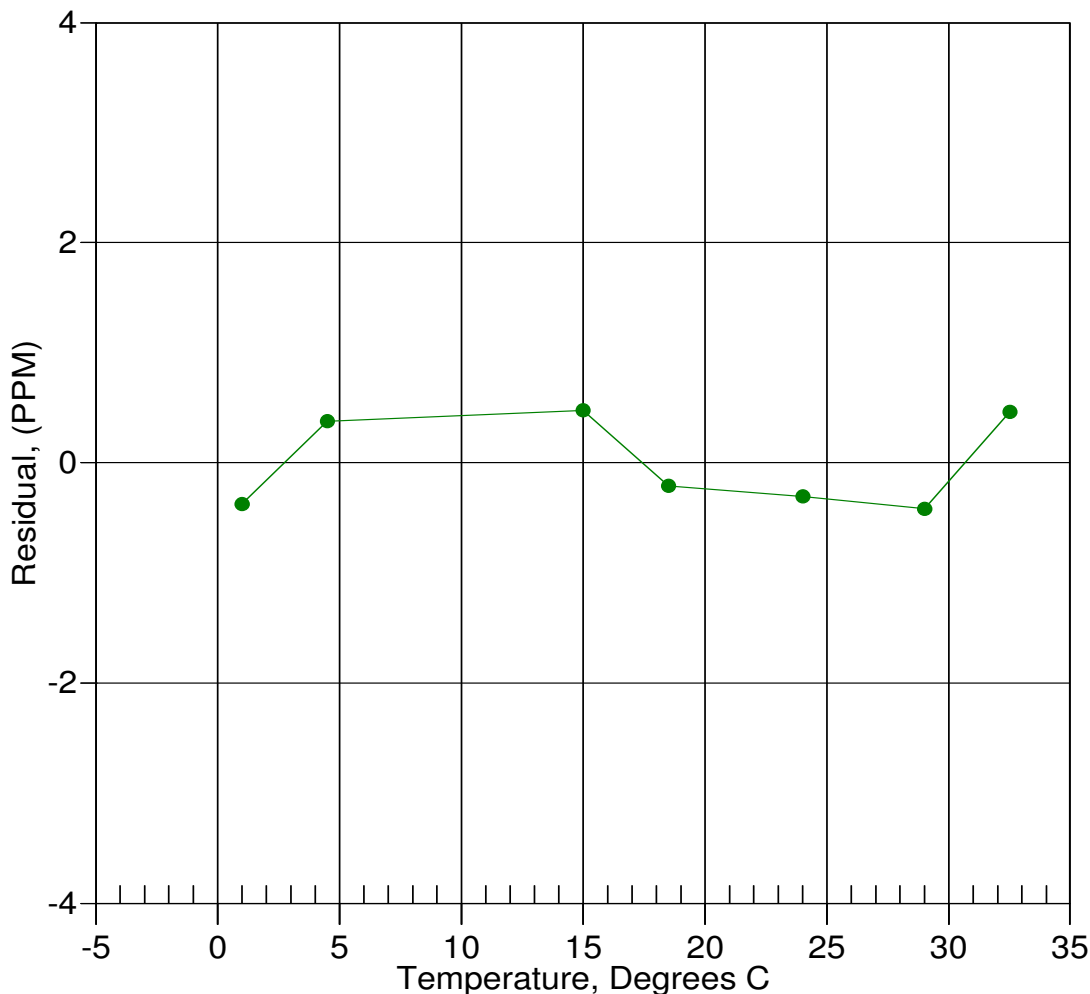
rtca2 = -3.505129e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999780	0.9999776	-0.4
4.4999	0.9999830	0.9999834	0.4
15.0000	0.9999950	0.9999955	0.5
18.5000	0.9999980	0.9999978	-0.2
24.0000	1.0000000	0.9999997	-0.3
29.0000	1.0000000	0.9999996	-0.4
32.5000	0.9999980	0.9999985	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



09-Dec-11 -0.00