

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3424
CALIBRATION DATE: 01-May-12

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999822e-001

rtca1 = 1.686235e-006

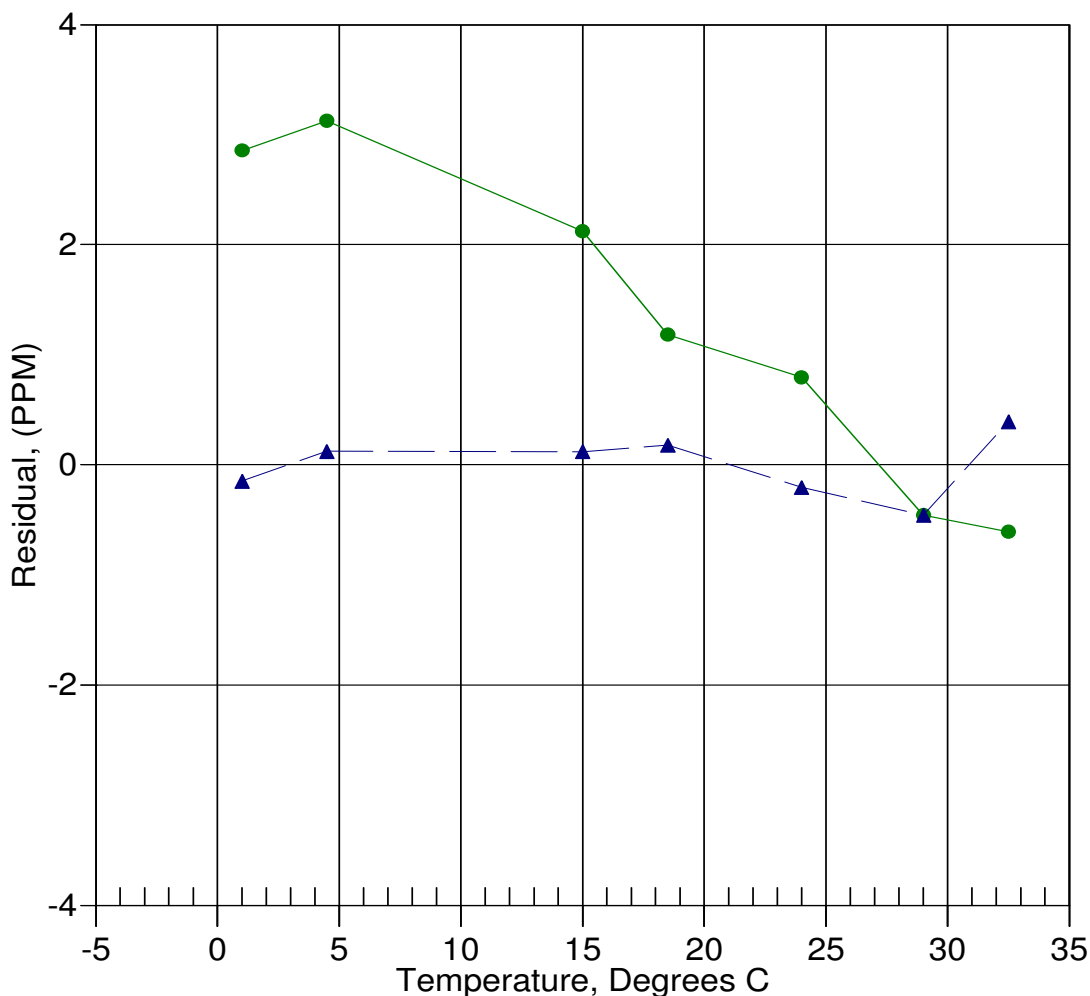
rtca2 = -3.276656e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999840	0.9999839	-0.1
4.5000	0.9999890	0.9999891	0.1
15.0000	1.0000000	1.0000001	0.1
18.5000	1.0000020	1.0000022	0.2
24.0000	1.0000040	1.0000038	-0.2
29.0000	1.0000040	1.0000035	-0.5
32.5000	1.0000020	1.0000024	0.4

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

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

Date, Delta F ppm



● 24-Aug-10 9.00
▲ 01-May-12 0.00