

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2325
CALIBRATION DATE: 09-Dec-11

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999910e-001

rtca1 = 1.786058e-006

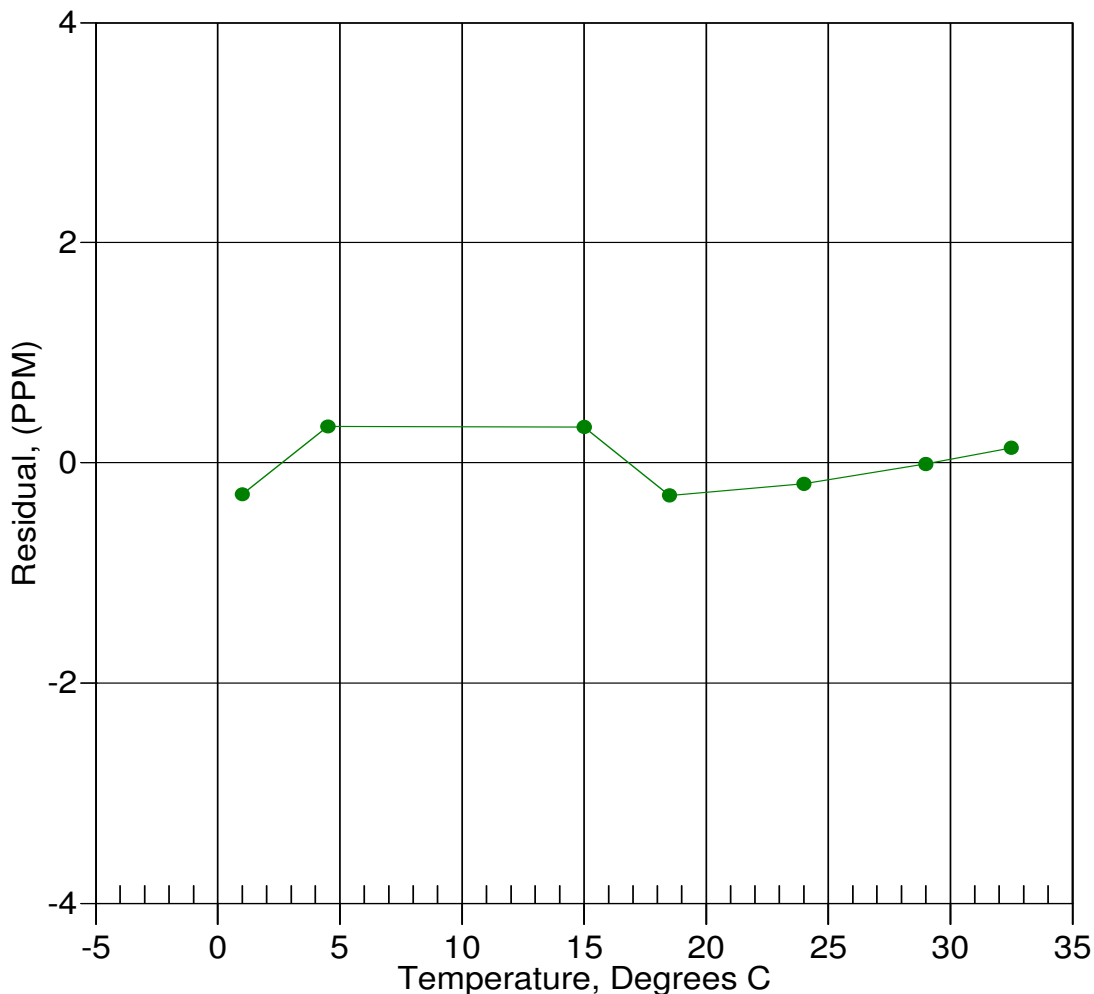
rtca2 = -3.301589e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999930	0.9999927	-0.3
4.4999	0.9999980	0.9999983	0.3
15.0000	1.0000100	1.0000103	0.3
18.5000	1.0000130	1.0000127	-0.3
24.0000	1.0000150	1.0000148	-0.2
29.0000	1.0000150	1.0000150	-0.0
32.5000	1.0000140	1.0000141	0.1

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

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

Date, Delta F ppm



09-Dec-11 0.00