

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1856
CALIBRATION DATE: 09-Dec-11

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999852e-001

rtca1 = 1.690205e-006

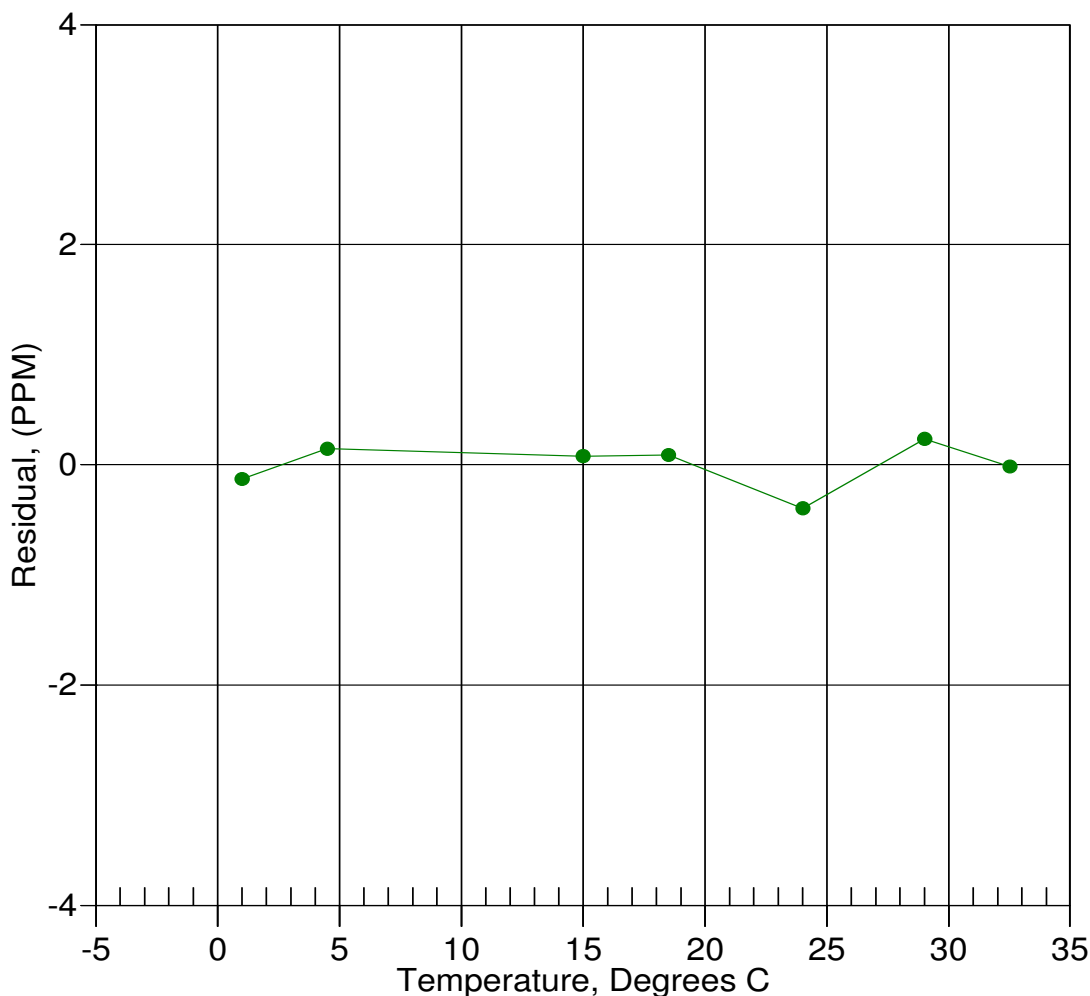
rtca2 = -3.328945e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999870	0.9999869	-0.1
4.4999	0.9999920	0.9999921	0.1
15.0000	1.0000030	1.0000031	0.1
18.5000	1.0000050	1.0000051	0.1
24.0000	1.0000070	1.0000066	-0.4
29.0000	1.0000060	1.0000062	0.2
32.5000	1.0000050	1.0000050	-0.0

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

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

Date, Delta F ppm



09-Dec-11 -0.00