

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1807
CALIBRATION DATE: 22-Nov-15

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999739e-001

rtca1 = 1.835570e-006

rtca2 = -3.251221e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999757	-0.3
4.5000	0.9999810	0.9999815	0.5
15.0000	0.9999940	0.9999941	0.1
18.5000	0.9999970	0.9999967	-0.3
24.0000	0.9999990	0.9999992	0.2
29.0000	1.0000000	0.9999997	-0.3
32.5000	0.9999990	0.9999992	0.2

t = temperature (°C)

RTC frequency = rtca0 + rtca1 * t + rtca2 * t²

Residual (PPM) = (Computed RTC frequency - Measured RTC frequency) * 1e6

