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SENSOR SERIAL NUMBER: 2448
CALIBRATION DATE: 29-Nov-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000004e+000
rtca1 = 1.547130e-006
rtca2 = -3.277850e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000050	1.0000050	0.0
4.5000	1.0000100	1.0000098	-0.2
15.0000	1.0000190	1.0000194	0.4
18.5000	1.0000210	1.0000209	-0.1
24.0000	1.0000220	1.0000218	-0.2
29.0000	1.0000210	1.0000208	-0.2
32.5000	1.0000190	1.0000192	0.2

t = temperature (°C)

RTC frequency = $rtca0 + rtca1 * t + rtca2 * t^2$

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

