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SENSOR SERIAL NUMBER: 3777
CALIBRATION DATE: 01-Dec-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999720e-001
rtca1 = 1.785964e-006
rtca2 = -3.047697e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999740	0.9999737	-0.3
4.5000	0.9999790	0.9999794	0.4
14.9999	0.9999920	0.9999919	-0.1
18.5000	0.9999950	0.9999946	-0.4
24.0000	0.9999970	0.9999973	0.3
29.0000	0.9999980	0.9999982	0.2
32.5000	0.9999980	0.9999978	-0.2

t = temperature (°C)

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

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

