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SENSOR SERIAL NUMBER: 3424
CALIBRATION DATE: 29-Aug-24

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999833e-001
rtca1 = 1.636613e-006
rtca2 = -3.073089e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999850	0.9999849	-0.1
4.5000	0.9999900	0.9999901	0.1
15.0000	1.0000010	1.0000010	-0.0
18.4999	1.0000030	1.0000031	0.1
24.0000	1.0000050	1.0000049	-0.1
29.0000	1.0000050	1.0000050	-0.0
32.5001	1.0000040	1.0000041	0.1

t = temperature (°C)

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

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

