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SENSOR SERIAL NUMBER: 3424
CALIBRATION DATE: 06-Oct-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999827e-001
rtca1 = 1.711868e-006
rtca2 = -3.306911e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999850	0.9999844	-0.6
4.5000	0.9999890	0.9999898	0.8
15.0000	1.0000010	1.0000010	-0.0
18.5000	1.0000030	1.0000031	0.1
24.0000	1.0000050	1.0000048	-0.2
29.0000	1.0000050	1.0000046	-0.4
32.5000	1.0000030	1.0000034	0.4

t = temperature (°C)

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

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

