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SENSOR SERIAL NUMBER: 2026
CALIBRATION DATE: 06-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999773e-001
rtca1 = 1.809912e-006
rtca2 = -3.220919e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9998	0.9999790	0.9999791	0.1
4.4999	0.9999850	0.9999848	-0.2
14.9999	0.9999970	0.9999972	0.2
18.5000	1.0000000	0.9999998	-0.2
23.9999	1.0000020	1.0000022	0.2
28.9999	1.0000030	1.0000027	-0.3
32.5000	1.0000020	1.0000021	0.1

t = temperature (°C)

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

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

