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SENSOR SERIAL NUMBER: 2357
CALIBRATION DATE: 04-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999973e-001
rtca1 = 1.640597e-006
rtca2 = -3.125409e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999990	0.9999990	-0.0
4.5000	1.0000040	1.0000041	0.1
15.0000	1.0000150	1.0000149	-0.1
18.5000	1.0000170	1.0000170	0.0
24.0000	1.0000190	1.0000187	-0.3
29.0000	1.0000180	1.0000186	0.6
32.5000	1.0000180	1.0000177	-0.3

t = temperature (°C)

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

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

