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SENSOR SERIAL NUMBER: 2357
CALIBRATION DATE: 09-Apr-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999984e-001
rtca1 = 1.583131e-006
rtca2 = -3.071166e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	1.0000000	1.0000000	-0.0
4.5000	1.0000050	1.0000049	-0.1
15.0000	1.0000150	1.0000153	0.3
18.5000	1.0000170	1.0000172	0.2
24.0000	1.0000190	1.0000187	-0.3
29.0000	1.0000190	1.0000185	-0.5
32.5000	1.0000170	1.0000174	0.4

t = temperature (°C)

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

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

