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SENSOR SERIAL NUMBER: 4078
CALIBRATION DATE: 26-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999861e-001
rtca1 = 1.739706e-006
rtca2 = -3.278557e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999880	0.9999878	-0.2
4.5000	0.9999930	0.9999933	0.3
15.0000	1.0000050	1.0000048	-0.2
18.4999	1.0000070	1.0000071	0.1
24.0000	1.0000090	1.0000090	-0.0
29.0000	1.0000090	1.0000090	-0.0
32.5000	1.0000080	1.0000080	0.0

t = temperature (°C)

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

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

