Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0509 CALIBRATION DATE: 13-Jan-12

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

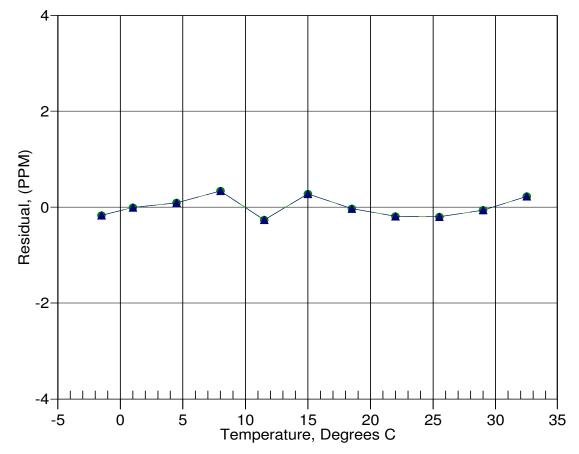
rtca0 = 9.999714e-001rtca1 = 1.647736e-006rtca2 = -3.475313e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999690	0.9999688	-0.2
0.9999	0.9999730	0.9999730	-0.0
4.4999	0.9999780	0.9999781	0.1
7.9999	0.9999820	0.9999823	0.3
11.4999	0.9999860	0.9999857	-0.3
14.9999	0.9999880	0.9999883	0.3
18.4999	0.9999900	0.9999900	-0.0
21.9999	0.9999910	0.9999908	-0.2
25.4999	0.9999910	0.9999908	-0.2
28.9999	0.9999900	0.9999899	-0.1
32.4999	0.9999880	0.9999882	0.2

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

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

Date, Delta F ppm





● 06-Jan-09 -0.00 ▲ 13-Jan-12 -0.00