## Sea-Bird Electronics, Inc.

## 13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 0581 CALIBRATION DATE: 08-Dec-11

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

## **COEFFICIENTS:**

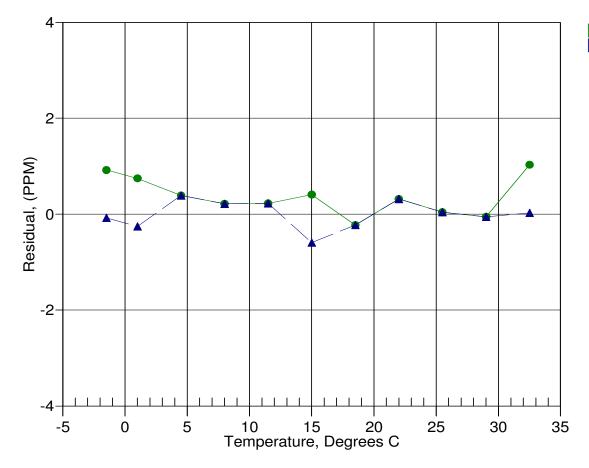
rtca0 = 9.999703e-001rtca1 = 1.511543e-006rtca2 = -3.348028e-008

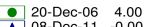
BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999680	0.9999679	-0.1
0.9999	0.9999720	0.9999717	-0.3
4.4999	0.9999760	0.9999764	0.4
7.9999	0.9999800	0.9999802	0.2
11.4999	0.9999830	0.9999832	0.2
14.9999	0.9999860	0.9999854	-0.6
18.4999	0.9999870	0.9999868	-0.2
21.9999	0.9999870	0.9999873	0.3
25.4999	0.9999870	0.9999870	0.0
28.9999	0.9999860	0.9999859	-0.1
32.4999	0.9999840	0.9999840	0.0

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

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

Date, Delta F ppm





▲ 08-Dec-11 -0.00