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: 0816 CALIBRATION DATE: 17-Jan-12

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

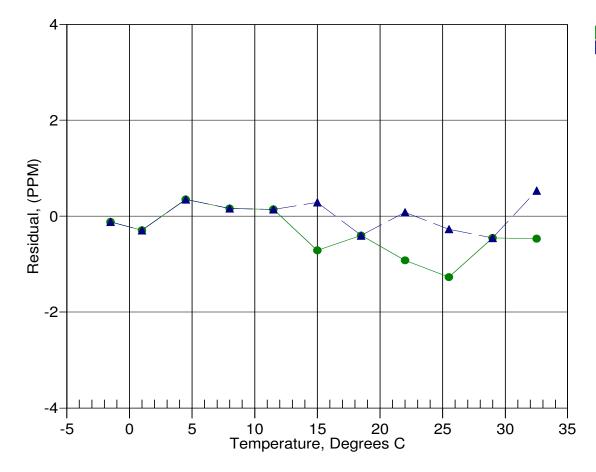
rtca0 = 9.999822e-001rtca1 = 1.513414e-006rtca2 = -3.397283e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999800	0.9999799	-0.1
0.9999	0.9999840	0.9999837	-0.3
4.4999	0.9999880	0.9999883	0.3
7.9999	0.9999920	0.9999922	0.2
11.4999	0.9999950	0.9999951	0.1
14.9999	0.9999970	0.9999973	0.3
18.4999	0.9999990	0.9999986	-0.4
21.9999	0.9999990	0.9999991	0.1
25.4999	0.999990	0.9999987	-0.3
28.9999	0.9999980	0.9999975	-0.5
32.4999	0.9999950	0.9999955	0.5

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

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

Date, Delta F ppm



• 29-Jul-09 -4.00 ▲ 17-Jan-12 0.00