

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: 1679
CALIBRATION DATE: 01-Oct-16

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999793e-001

rtca1 = 1.857156e-006

rtca2 = -3.299404e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999810	0.9999811	0.1
4.5000	0.9999870	0.9999869	-0.1
15.0001	1.0000000	0.9999997	-0.3
18.5000	1.0000020	1.0000023	0.3
24.0000	1.0000050	1.0000048	-0.2
28.9999	1.0000050	1.0000054	0.4
32.5000	1.0000050	1.0000048	-0.2

t = temperature (°C)

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

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

