



REF TEK

SYSTEMS INC.

The calibration sheet attached is the original calibration sheet for your REF TEK product and includes contact information and branding for the company that performed the testing.

Reftek Systems Inc. purchased the REF TEK product line in May 2020.

Reftek Systems will honour existing product warranties and extended warranties.

ANY QUESTIONS OR REQUESTS FOR SUPPORT SHOULD BE ADDRESSED AS FOLLOWS:

Sales & Administrative: sales@reftek.com

Support & Engineering: support@reftek.com

Accounting: accounting@reftek.com

Address: 36 Topple Drive, Dartmouth, NS Canada B3B 1L6

Phone: +1-902-444-7650

Fax: +1-902-444-7651

Trimble Navigation Limited
 1600 Tenth Street
 Suite A
 Plano, Texas 75074
 Support Phone: 1-888-879-2207
 Support email: reftek_support@trimble.com
www.reftek.com



151B-30 Observer Parameters Table

| Seismometer Serial Number | Component | Period (sec) | Damping Coefficient | Output Voltage Sensitivity (V/m/s) | Calibration Sensitivity (m/s ² /A) |
|------------------------------|-------------|-----------------|------------------------|---|---|
| G12386VS | Vertical | 29.8 | 0.699 | 2005.01 | 11.1223 |
| | North/South | 29.7 | 0.703 | 2001.38 | 10.4100 |
| | East/West | 29.7 | 0.702 | 2003.33 | 10.4734 |

Zeros: 2 radians

$$z1 = 0$$

$$z2 = 0$$

Poles: 4 radians

$$p1 = -0.14810 + 0.14810i$$

$$p2 = -0.14810 - 0.14810i$$

$$p3 = -177.72 + 177.72i$$

$$p4 = -177.72 - 177.72i$$