



# 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](mailto:sales@reftek.com)

**Support & Engineering:** [support@reftek.com](mailto:support@reftek.com)

**Accounting:** [accounting@reftek.com](mailto:accounting@reftek.com)

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

**Phone:** +1-902-444-7650

**Fax:** +1-902-444-7651

Trimble Inc.  
5217 Tennyson Parkway  
Suite 400  
Plano, TX 75024  
Support Phone: 1-888-879-2207  
Support Email: MonSol\_Support@trimble.com  
www.trimble.com/monitoring



## REF TEK 147A-01/3/INT/SM

### S/N: 16091

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0025                  | 1.0023                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9944               | 0.9930                  | 0.9934                |
| 30.00     | 0.9863               | 0.9831                  | 0.9840                |
| 40.00     | 0.9774               | 0.9721                  | 0.9735                |
| 50.00     | 0.9696               | 0.9626                  | 0.9643                |
| 60.00     | 0.9644               | 0.9562                  | 0.9577                |
| 70.00     | 0.9636               | 0.9549                  | 0.9559                |
| 80.00     | 0.9688               | 0.9603                  | 0.9603                |
| 90.00     | 0.9804               | 0.9731                  | 0.9716                |
| 100.00    | 0.9994               | 0.9940                  | 0.9904                |
| 120.00    | 1.0600               | 1.0603                  | 1.0510                |
| 140.00    | 1.1275               | 1.1308                  | 1.1178                |
| 160.00    | 1.1129               | 1.1091                  | 1.1017                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.501                   | 2.502                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.04%                | 0.28%                   | 0.52%                 |