



# 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 Tople 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

### S/N: 17737

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0021               | 1.0018                  | 1.0021                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9942               | 0.9950                  | 0.9940                |
| 30.00     | 0.9859               | 0.9878                  | 0.9855                |
| 40.00     | 0.9769               | 0.9799                  | 0.9760                |
| 50.00     | 0.9694               | 0.9732                  | 0.9679                |
| 60.00     | 0.9650               | 0.9691                  | 0.9627                |
| 70.00     | 0.9657               | 0.9694                  | 0.9623                |
| 80.00     | 0.9736               | 0.9760                  | 0.9686                |
| 90.00     | 0.9890               | 0.9893                  | 0.9821                |
| 100.00    | 1.0133               | 1.0108                  | 1.0042                |
| 120.00    | 1.0904               | 1.0816                  | 1.0769                |
| 140.00    | 1.1725               | 1.1688                  | 1.1651                |
| 160.00    | 1.1337               | 1.1644                  | 1.1605                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.502                | 2.501                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.24%                | 0.16%                   | 0.04%                 |