



# 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:**

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

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Support Email: MonSol\_Support@trimble.com  
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## REF TEK 147A-01/3

### S/N: 18732

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0022                  | 1.0020                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9943               | 0.9939                  | 0.9944                |
| 30.00     | 0.9862               | 0.9851                  | 0.9863                |
| 40.00     | 0.9773               | 0.9755                  | 0.9774                |
| 50.00     | 0.9698               | 0.9672                  | 0.9698                |
| 60.00     | 0.9651               | 0.9617                  | 0.9648                |
| 70.00     | 0.9652               | 0.9610                  | 0.9645                |
| 80.00     | 0.9719               | 0.9668                  | 0.9705                |
| 90.00     | 0.9858               | 0.9798                  | 0.9833                |
| 100.00    | 1.0081               | 1.0009                  | 1.0041                |
| 120.00    | 1.0813               | 1.0700                  | 1.0719                |
| 140.00    | 1.1713               | 1.1520                  | 1.1528                |
| 160.00    | 1.1703               | 1.1456                  | 1.1464                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.500                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.28%                | 0.08%                   | 0.52%                 |