



# 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/INT/SM

### S/N: 16049

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0024               | 1.0024                  | 1.0024                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9934               | 0.9931                  | 0.9932                |
| 30.00     | 0.9840               | 0.9833                  | 0.9835                |
| 40.00     | 0.9738               | 0.9725                  | 0.9728                |
| 50.00     | 0.9653               | 0.9630                  | 0.9634                |
| 60.00     | 0.9600               | 0.9565                  | 0.9570                |
| 70.00     | 0.9603               | 0.9552                  | 0.9556                |
| 80.00     | 0.9680               | 0.9609                  | 0.9610                |
| 90.00     | 0.9836               | 0.9743                  | 0.9738                |
| 100.00    | 1.0084               | 0.9968                  | 0.9951                |
| 120.00    | 1.0863               | 1.0714                  | 1.0642                |
| 140.00    | 1.1654               | 1.1598                  | 1.1404                |
| 160.00    | 1.1225               | 1.1461                  | 1.1180                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.500                | 2.499                   | 2.499                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.08%                | 0.32%                   | 0.60%                 |