



# 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: 18768

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0022               | 1.0018                  | 1.0021                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9938               | 0.9949                  | 0.9941                |
| 30.00     | 0.9848               | 0.9875                  | 0.9857                |
| 40.00     | 0.9748               | 0.9793                  | 0.9765                |
| 50.00     | 0.9659               | 0.9722                  | 0.9686                |
| 60.00     | 0.9596               | 0.9673                  | 0.9635                |
| 70.00     | 0.9579               | 0.9667                  | 0.9633                |
| 80.00     | 0.9624               | 0.9718                  | 0.9696                |
| 90.00     | 0.9740               | 0.9833                  | 0.9830                |
| 100.00    | 0.9938               | 1.0024                  | 1.0047                |
| 120.00    | 1.0609               | 1.0662                  | 1.0749                |
| 140.00    | 1.1447               | 1.1467                  | 1.1573                |
| 160.00    | 1.1433               | 1.1517                  | 1.1501                |

#### 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> | 0.20%                | 0.20%                   | 0.56%                 |