



# 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: 17779

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0026               | 1.0026                  | 1.0025                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9928               | 0.9928                  | 0.9930                |
| 30.00     | 0.9824               | 0.9824                  | 0.9831                |
| 40.00     | 0.9708               | 0.9707                  | 0.9721                |
| 50.00     | 0.9602               | 0.9603                  | 0.9624                |
| 60.00     | 0.9523               | 0.9528                  | 0.9558                |
| 70.00     | 0.9493               | 0.9502                  | 0.9544                |
| 80.00     | 0.9526               | 0.9541                  | 0.9599                |
| 90.00     | 0.9631               | 0.9654                  | 0.9732                |
| 100.00    | 0.9819               | 0.9852                  | 0.9955                |
| 120.00    | 1.0467               | 1.0523                  | 1.0698                |
| 140.00    | 1.1281               | 1.1355                  | 1.1592                |
| 160.00    | 1.1258               | 1.1342                  | 1.1463                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.500                | 2.500                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.24%                | 0.24%                   | 0.40%                 |