



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

### S/N: 16044

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0023               | 1.0021                  | 1.0024                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9936               | 0.9941                  | 0.9931                |
| 30.00     | 0.9845               | 0.9856                  | 0.9833                |
| 40.00     | 0.9746               | 0.9760                  | 0.9724                |
| 50.00     | 0.9660               | 0.9675                  | 0.9627                |
| 60.00     | 0.9604               | 0.9614                  | 0.9557                |
| 70.00     | 0.9598               | 0.9596                  | 0.9538                |
| 80.00     | 0.9661               | 0.9638                  | 0.9585                |
| 90.00     | 0.9798               | 0.9747                  | 0.9707                |
| 100.00    | 1.0021               | 0.9934                  | 0.9916                |
| 120.00    | 1.0741               | 1.0575                  | 1.0626                |
| 140.00    | 1.1562               | 1.1411                  | 1.1525                |
| 160.00    | 1.1415               | 1.1538                  | 1.1567                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.499                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.28%                | 0.56%                   | 0.60%                 |