



# 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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## REF TEK 147A-01/3

### S/N: 14913

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0017               | 1.0020                  | 1.0021                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9952               | 0.9943                  | 0.9942                |
| 30.00     | 0.9883               | 0.9862                  | 0.9860                |
| 40.00     | 0.9807               | 0.9772                  | 0.9769                |
| 50.00     | 0.9741               | 0.9693                  | 0.9692                |
| 60.00     | 0.9699               | 0.9638                  | 0.9642                |
| 70.00     | 0.9697               | 0.9626                  | 0.9640                |
| 80.00     | 0.9749               | 0.9671                  | 0.9702                |
| 90.00     | 0.9860               | 0.9779                  | 0.9833                |
| 100.00    | 1.0039               | 0.9958                  | 1.0042                |
| 120.00    | 1.0608               | 1.0532                  | 1.0707                |
| 140.00    | 1.1271               | 1.1168                  | 1.1435                |
| 160.00    | 1.1261               | 1.1032                  | 1.1231                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.500                | 2.501                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.16%                | 0.44%                   | 0.56%                 |