



# 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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Plano, TX 75024  
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## REF TEK 147A-01/3

### S/N: 17755

#### 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                  | 1.0018                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9937               | 0.9948                  | 0.9949                |
| 30.00     | 0.9847               | 0.9873                  | 0.9877                |
| 40.00     | 0.9745               | 0.9790                  | 0.9798                |
| 50.00     | 0.9652               | 0.9718                  | 0.9732                |
| 60.00     | 0.9584               | 0.9669                  | 0.9692                |
| 70.00     | 0.9560               | 0.9664                  | 0.9698                |
| 80.00     | 0.9597               | 0.9717                  | 0.9768                |
| 90.00     | 0.9704               | 0.9837                  | 0.9907                |
| 100.00    | 0.9893               | 1.0035                  | 1.0130                |
| 120.00    | 1.0556               | 1.0695                  | 1.0860                |
| 140.00    | 1.1436               | 1.1519                  | 1.1766                |
| 160.00    | 1.1517               | 1.1516                  | 1.1747                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.499                | 2.500                   | 2.502                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.40%                | 0.28%                   | 0.24%                 |