



# 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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## REF TEK 147A-01/3/INT/SM

### S/N: 18130

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0005               | 1.0004                  | 1.0007                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9986               | 0.9989                  | 0.9981                |
| 30.00     | 0.9964               | 0.9971                  | 0.9952                |
| 40.00     | 0.9939               | 0.9950                  | 0.9919                |
| 50.00     | 0.9915               | 0.9928                  | 0.9887                |
| 60.00     | 0.9895               | 0.9908                  | 0.9860                |
| 70.00     | 0.9884               | 0.9893                  | 0.9847                |
| 80.00     | 0.9886               | 0.9887                  | 0.9849                |
| 90.00     | 0.9905               | 0.9893                  | 0.9872                |
| 100.00    | 0.9943               | 0.9912                  | 0.9915                |
| 120.00    | 1.0079               | 0.9999                  | 1.0066                |
| 140.00    | 1.0276               | 1.0145                  | 1.0259                |
| 160.00    | 1.0415               | 1.0278                  | 1.0354                |

#### 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                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.12%                | 0.04%                   | 0.24%                 |