



# 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

### S/N: 18729

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0021               | 1.0022                  | 1.0022                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9942               | 0.9939                  | 0.9938                |
| 30.00     | 0.9859               | 0.9853                  | 0.9850                |
| 40.00     | 0.9766               | 0.9756                  | 0.9753                |
| 50.00     | 0.9684               | 0.9672                  | 0.9669                |
| 60.00     | 0.9627               | 0.9615                  | 0.9614                |
| 70.00     | 0.9614               | 0.9604                  | 0.9607                |
| 80.00     | 0.9659               | 0.9655                  | 0.9665                |
| 90.00     | 0.9769               | 0.9774                  | 0.9796                |
| 100.00    | 0.9953               | 0.9972                  | 1.0010                |
| 120.00    | 1.0558               | 1.0616                  | 1.0709                |
| 140.00    | 1.1278               | 1.1353                  | 1.1516                |
| 160.00    | 1.1244               | 1.1213                  | 1.1341                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.502                | 2.499                   | 2.502                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.40%                | 0.16%                   | 0.28%                 |