



# 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: 18728

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0025               | 1.0023                  | 1.0023                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9929               | 0.9935                  | 0.9936                |
| 30.00     | 0.9829               | 0.9842                  | 0.9846                |
| 40.00     | 0.9721               | 0.9740                  | 0.9748                |
| 50.00     | 0.9631               | 0.9652                  | 0.9665                |
| 60.00     | 0.9575               | 0.9593                  | 0.9612                |
| 70.00     | 0.9574               | 0.9584                  | 0.9611                |
| 80.00     | 0.9647               | 0.9639                  | 0.9679                |
| 90.00     | 0.9798               | 0.9762                  | 0.9821                |
| 100.00    | 1.0037               | 0.9963                  | 1.0050                |
| 120.00    | 1.0779               | 1.0605                  | 1.0788                |
| 140.00    | 1.1557               | 1.1362                  | 1.1649                |
| 160.00    | 1.1247               | 1.1379                  | 1.1541                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.500                | 2.500                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.08%                | 0.04%                   | 0.84%                 |