



# 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**

**P/N:97837**

**S/N: 15068**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0024               | 1.0023                  | 1.0019                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9934               | 0.9937                  | 0.9947                |
| 30.00     | 0.9840               | 0.9846                  | 0.9871                |
| 40.00     | 0.9739               | 0.9747                  | 0.9788                |
| 50.00     | 0.9653               | 0.9660                  | 0.9717                |
| 60.00     | 0.9601               | 0.9603                  | 0.9672                |
| 70.00     | 0.9604               | 0.9595                  | 0.9673                |
| 80.00     | 0.9679               | 0.9653                  | 0.9734                |
| 90.00     | 0.9833               | 0.9783                  | 0.9863                |
| 100.00    | 1.0077               | 0.9995                  | 1.0071                |
| 120.00    | 1.0852               | 1.0675                  | 1.0740                |
| 140.00    | 1.1734               | 1.1435                  | 1.1537                |
| 160.00    | 1.1614               | 1.1243                  | 1.1489                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.499                | 2.502                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.32%                | 0.04%                   | 0.08%                 |