



# 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: 14041**

**Normalized Magnitude-frequency Characteristics**

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0017               | 1.0022                  | 1.0020                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9953               | 0.9938                  | 0.9944                |
| 30.00     | 0.9885               | 0.9849                  | 0.9863                |
| 40.00     | 0.9807               | 0.9748                  | 0.9772                |
| 50.00     | 0.9738               | 0.9657                  | 0.9691                |
| 60.00     | 0.9687               | 0.9588                  | 0.9632                |
| 70.00     | 0.9673               | 0.9562                  | 0.9614                |
| 80.00     | 0.9708               | 0.9590                  | 0.9648                |
| 90.00     | 0.9798               | 0.9679                  | 0.9740                |
| 100.00    | 0.9952               | 0.9834                  | 0.9897                |
| 120.00    | 1.0456               | 1.0337                  | 1.0391                |
| 140.00    | 1.1013               | 1.0858                  | 1.0879                |
| 160.00    | 1.0823               | 1.0654                  | 1.0625                |

**Sensitivities**

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>OutputSensitivity<br/>(V/g)</b>   | 2.500                | 2.501                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.12%                | 0.04%                   | 0.08%                 |