



# 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/EXT      P/N:97499-00**  
**S/N: 14734**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0033               | 1.0031                  | 1.0030                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9910               | 0.9915                  | 0.9917                |
| 30.00     | 0.9792               | 0.9801                  | 0.9803                |
| 40.00     | 0.9675               | 0.9687                  | 0.9684                |
| 50.00     | 0.9589               | 0.9597                  | 0.9587                |
| 60.00     | 0.9549               | 0.9544                  | 0.9524                |
| 70.00     | 0.9566               | 0.9542                  | 0.9513                |
| 80.00     | 0.9652               | 0.9599                  | 0.9561                |
| 90.00     | 0.9801               | 0.9713                  | 0.9668                |
| 100.00    | 1.0017               | 0.9888                  | 0.9836                |
| 120.00    | 1.0651               | 1.0432                  | 1.0350                |
| 140.00    | 1.1370               | 1.1120                  | 1.0942                |
| 160.00    | 1.1384               | 1.1345                  | 1.0998                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.503                | 2.501                   | 2.499                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.24%                | 0.20%                   | 0.20%                 |