



# 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: 14030**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0022               | 1.0021                  | 1.0022                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9938               | 0.9940                  | 0.9939                |
| 30.00     | 0.9849               | 0.9853                  | 0.9850                |
| 40.00     | 0.9749               | 0.9754                  | 0.9750                |
| 50.00     | 0.9660               | 0.9665                  | 0.9658                |
| 60.00     | 0.9594               | 0.9597                  | 0.9588                |
| 70.00     | 0.9573               | 0.9571                  | 0.9559                |
| 80.00     | 0.9610               | 0.9598                  | 0.9584                |
| 90.00     | 0.9713               | 0.9686                  | 0.9671                |
| 100.00    | 0.9889               | 0.9844                  | 0.9828                |
| 120.00    | 1.0469               | 1.0374                  | 1.0361                |
| 140.00    | 1.1112               | 1.1006                  | 1.1001                |
| 160.00    | 1.0899               | 1.0951                  | 1.0951                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.497                | 2.499                   | 2.500                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.00%                | 0.12%                   | 0.08%                 |