



# 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/SM    P/N:97996**  
**S/N: 15132**

### 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                  | 1.0024                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9930               | 0.9936                  | 0.9932                |
| 30.00     | 0.9830               | 0.9844                  | 0.9835                |
| 40.00     | 0.9719               | 0.9743                  | 0.9726                |
| 50.00     | 0.9622               | 0.9657                  | 0.9628                |
| 60.00     | 0.9554               | 0.9600                  | 0.9557                |
| 70.00     | 0.9538               | 0.9595                  | 0.9534                |
| 80.00     | 0.9590               | 0.9659                  | 0.9574                |
| 90.00     | 0.9718               | 0.9799                  | 0.9688                |
| 100.00    | 0.9934               | 1.0029                  | 0.9887                |
| 120.00    | 1.0652               | 1.0783                  | 1.0572                |
| 140.00    | 1.1501               | 1.1661                  | 1.1449                |
| 160.00    | 1.1357               | 1.1447                  | 1.1458                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.499                | 2.503                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.52%                | 0.32%                   | 0.72%                 |