



# 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: 14790**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0018               | 1.0015                  | 1.0016                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9949               | 0.9958                  | 0.9956                |
| 30.00     | 0.9875               | 0.9898                  | 0.9892                |
| 40.00     | 0.9793               | 0.9829                  | 0.9819                |
| 50.00     | 0.9721               | 0.9766                  | 0.9754                |
| 60.00     | 0.9674               | 0.9720                  | 0.9708                |
| 70.00     | 0.9669               | 0.9705                  | 0.9696                |
| 80.00     | 0.9721               | 0.9732                  | 0.9732                |
| 90.00     | 0.9837               | 0.9808                  | 0.9821                |
| 100.00    | 1.0028               | 0.9938                  | 0.9973                |
| 120.00    | 1.0649               | 1.0372                  | 1.0484                |
| 140.00    | 1.1385               | 1.0900                  | 1.1140                |
| 160.00    | 1.1314               | 1.0942                  | 1.1263                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.499                   | 2.499                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.68%                | 0.56%                   | 0.08%                 |