



# 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: 15034

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0019                  | 1.0018                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9943               | 0.9947                  | 0.9949                |
| 30.00     | 0.9861               | 0.9871                  | 0.9875                |
| 40.00     | 0.9769               | 0.9785                  | 0.9793                |
| 50.00     | 0.9688               | 0.9709                  | 0.9722                |
| 60.00     | 0.9632               | 0.9655                  | 0.9676                |
| 70.00     | 0.9620               | 0.9643                  | 0.9673                |
| 80.00     | 0.9669               | 0.9688                  | 0.9730                |
| 90.00     | 0.9788               | 0.9798                  | 0.9854                |
| 100.00    | 0.9988               | 0.9985                  | 1.0057                |
| 120.00    | 1.0666               | 1.0618                  | 1.0726                |
| 140.00    | 1.1499               | 1.1420                  | 1.1544                |
| 160.00    | 1.1386               | 1.1409                  | 1.1488                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.500                   | 2.503                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.16%                | 0.64%                   | 0.56%                 |