



# 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:75074

S/N: 15047

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0019               | 1.0021                  | 1.0023                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9945               | 0.9941                  | 0.9935                |
| 30.00     | 0.9868               | 0.9856                  | 0.9842                |
| 40.00     | 0.9782               | 0.9761                  | 0.9737                |
| 50.00     | 0.9709               | 0.9676                  | 0.9641                |
| 60.00     | 0.9663               | 0.9616                  | 0.9571                |
| 70.00     | 0.9663               | 0.9600                  | 0.9547                |
| 80.00     | 0.9728               | 0.9645                  | 0.9586                |
| 90.00     | 0.9863               | 0.9759                  | 0.9698                |
| 100.00    | 1.0082               | 0.9953                  | 0.9896                |
| 120.00    | 1.0787               | 1.0609                  | 1.0585                |
| 140.00    | 1.1582               | 1.1397                  | 1.1474                |
| 160.00    | 1.1322               | 1.1239                  | 1.1417                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.503                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.36%                | 0.64%                   | 0.20%                 |