



# 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

### S/N: 18126

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0004               | 1.0003                  | 1.0007                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9989               | 0.9992                  | 0.9980                |
| 30.00     | 0.9971               | 0.9981                  | 0.9951                |
| 40.00     | 0.9949               | 0.9966                  | 0.9916                |
| 50.00     | 0.9926               | 0.9951                  | 0.9883                |
| 60.00     | 0.9905               | 0.9937                  | 0.9856                |
| 70.00     | 0.9888               | 0.9927                  | 0.9842                |
| 80.00     | 0.9880               | 0.9924                  | 0.9845                |
| 90.00     | 0.9884               | 0.9929                  | 0.9868                |
| 100.00    | 0.9902               | 0.9946                  | 0.9914                |
| 120.00    | 0.9992               | 1.0025                  | 1.0070                |
| 140.00    | 1.0159               | 1.0173                  | 1.0272                |
| 160.00    | 1.0329               | 1.0339                  | 1.0372                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.500                | 2.502                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.28%                | 0.36%                   | 0.28%                 |