



# 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: 15029

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0020                  | 1.0020                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9944               | 0.9943                  | 0.9943                |
| 30.00     | 0.9863               | 0.9861                  | 0.9861                |
| 40.00     | 0.9774               | 0.9771                  | 0.9771                |
| 50.00     | 0.9697               | 0.9691                  | 0.9693                |
| 60.00     | 0.9646               | 0.9636                  | 0.9642                |
| 70.00     | 0.9639               | 0.9625                  | 0.9636                |
| 80.00     | 0.9692               | 0.9671                  | 0.9693                |
| 90.00     | 0.9809               | 0.9781                  | 0.9818                |
| 100.00    | 0.9998               | 0.9963                  | 1.0023                |
| 120.00    | 1.0593               | 1.0544                  | 1.0693                |
| 140.00    | 1.1214               | 1.1179                  | 1.1490                |
| 160.00    | 1.0952               | 1.1000                  | 1.1405                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.502                | 2.500                   | 2.502                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.24%                | 0.64%                   | 0.64%                 |