



# 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: 14733**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0021                  | 1.0020                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9944               | 0.9942                  | 0.9945                |
| 30.00     | 0.9863               | 0.9859                  | 0.9866                |
| 40.00     | 0.9772               | 0.9767                  | 0.9779                |
| 50.00     | 0.9690               | 0.9686                  | 0.9704                |
| 60.00     | 0.9630               | 0.9631                  | 0.9655                |
| 70.00     | 0.9610               | 0.9620                  | 0.9650                |
| 80.00     | 0.9644               | 0.9670                  | 0.9704                |
| 90.00     | 0.9740               | 0.9788                  | 0.9822                |
| 100.00    | 0.9904               | 0.9983                  | 1.0012                |
| 120.00    | 1.0460               | 1.0628                  | 1.0610                |
| 140.00    | 1.1170               | 1.1418                  | 1.1267                |
| 160.00    | 1.1294               | 1.1419                  | 1.1139                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.499                | 2.500                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.44%                | 0.08%                   | 0.04%                 |