



# 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: 14732**

**Normalized Magnitude-frequency Characteristics**

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0021               | 1.0020                  | 1.0020                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9941               | 0.9944                  | 0.9944                |
| 30.00     | 0.9855               | 0.9864                  | 0.9864                |
| 40.00     | 0.9759               | 0.9774                  | 0.9774                |
| 50.00     | 0.9673               | 0.9694                  | 0.9695                |
| 60.00     | 0.9611               | 0.9636                  | 0.9639                |
| 70.00     | 0.9592               | 0.9620                  | 0.9626                |
| 80.00     | 0.9631               | 0.9657                  | 0.9670                |
| 90.00     | 0.9734               | 0.9755                  | 0.9778                |
| 100.00    | 0.9911               | 0.9920                  | 0.9959                |
| 120.00    | 1.0502               | 1.0451                  | 1.0555                |
| 140.00    | 1.1213               | 1.1033                  | 1.1253                |
| 160.00    | 1.1154               | 1.0885                  | 1.1147                |

**Sensitivities**

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.504                | 2.498                   | 2.502                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.40%                | 0.28%                   | 0.16%                 |