



# 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: 14702**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis      |
|-----------|----------------------|-------------------------|-------------|
|           |                      |                         | (East/West) |
| 1.00      | 1.0019               | 1.0020                  | 1.0022      |
| 10.00     | 1.0000               | 1.0000                  | 1.0000      |
| 20.00     | 0.9947               | 0.9944                  | 0.9939      |
| 30.00     | 0.9870               | 0.9864                  | 0.9851      |
| 40.00     | 0.9784               | 0.9774                  | 0.9753      |
| 50.00     | 0.9708               | 0.9694                  | 0.9667      |
| 60.00     | 0.9656               | 0.9638                  | 0.9608      |
| 70.00     | 0.9644               | 0.9625                  | 0.9593      |
| 80.00     | 0.9688               | 0.9668                  | 0.9640      |
| 90.00     | 0.9793               | 0.9775                  | 0.9753      |
| 100.00    | 0.9967               | 0.9955                  | 0.9942      |
| 120.00    | 1.0536               | 1.0548                  | 1.0552      |
| 140.00    | 1.1205               | 1.1263                  | 1.1206      |
| 160.00    | 1.1168               | 1.1250                  | 1.0946      |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.496                   | 2.498                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.20%                | 0.08%                   | 0.20%                 |