



# 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: 15050

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0018               | 1.0015                  | 1.0018                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9949               | 0.9958                  | 0.9949                |
| 30.00     | 0.9875               | 0.9897                  | 0.9876                |
| 40.00     | 0.9793               | 0.9830                  | 0.9793                |
| 50.00     | 0.9720               | 0.9771                  | 0.9718                |
| 60.00     | 0.9670               | 0.9732                  | 0.9665                |
| 70.00     | 0.9662               | 0.9729                  | 0.9650                |
| 80.00     | 0.9709               | 0.9775                  | 0.9690                |
| 90.00     | 0.9820               | 0.9875                  | 0.9791                |
| 100.00    | 1.0004               | 1.0038                  | 0.9967                |
| 120.00    | 1.0613               | 1.0563                  | 1.0574                |
| 140.00    | 1.1336               | 1.1179                  | 1.1376                |
| 160.00    | 1.1234               | 1.1139                  | 1.1453                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.501                | 2.503                   | 2.503                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.84%                | 0.48%                   | 0.04%                 |