



# 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: 14003

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0030               | 1.0036                  | 1.0035                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9920               | 0.9906                  | 0.9908                |
| 30.00     | 0.9815               | 0.9785                  | 0.9788                |
| 40.00     | 0.9713               | 0.9668                  | 0.9670                |
| 50.00     | 0.9641               | 0.9581                  | 0.9581                |
| 60.00     | 0.9613               | 0.9533                  | 0.9533                |
| 70.00     | 0.9642               | 0.9534                  | 0.9538                |
| 80.00     | 0.9739               | 0.9590                  | 0.9602                |
| 90.00     | 0.9894               | 0.9698                  | 0.9723                |
| 100.00    | 1.0109               | 0.9860                  | 0.9903                |
| 120.00    | 1.0679               | 1.0332                  | 1.0417                |
| 140.00    | 1.1122               | 1.0804                  | 1.0870                |
| 160.00    | 1.0718               | 1.0644                  | 1.0506                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.503                | 2.497                   | 2.497                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.04%                | 0.32%                   | 0.40%                 |