



# 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:**

**Sales & Administrative:** [sales@reftek.com](mailto:sales@reftek.com)

**Support & Engineering:** [support@reftek.com](mailto:support@reftek.com)

**Accounting:** [accounting@reftek.com](mailto:accounting@reftek.com)

**Address:** 36 Topple Drive, Dartmouth, NS Canada B3B 1L6

**Phone:** +1-902-444-7650

**Fax:** +1-902-444-7651

Trimble Navigation Limited  
 1600 Tenth Street  
 Suite A  
 Plano, Texas 75074  
 Support phone: 1-888-879-2207  
 Support Email: [reftek\\_support@trimble.com](mailto:reftek_support@trimble.com)  
[www.trimble.com/infrastructure](http://www.trimble.com/infrastructure)



**REF TEK 147A-01/3/EXT      P/N:97499-00**  
**S/N: 14727**

### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0031               | 1.0033                  | 1.0029                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9916               | 0.9910                  | 0.9919                |
| 30.00     | 0.9808               | 0.9793                  | 0.9810                |
| 40.00     | 0.9703               | 0.9678                  | 0.9697                |
| 50.00     | 0.9629               | 0.9593                  | 0.9609                |
| 60.00     | 0.9597               | 0.9550                  | 0.9562                |
| 70.00     | 0.9617               | 0.9561                  | 0.9571                |
| 80.00     | 0.9699               | 0.9638                  | 0.9649                |
| 90.00     | 0.9837               | 0.9776                  | 0.9795                |
| 100.00    | 1.0033               | 0.9982                  | 1.0014                |
| 120.00    | 1.0596               | 1.0597                  | 1.0675                |
| 140.00    | 1.1179               | 1.1286                  | 1.1433                |
| 160.00    | 1.1078               | 1.1230                  | 1.1450                |

### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.499                | 2.498                   | 2.503                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.40%                | 0.04%                   | 0.08%                 |