



# 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

### S/N: 14865

#### Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|-----------|----------------------|-------------------------|-----------------------|
| 1.00      | 1.0020               | 1.0018                  | 1.0021                |
| 10.00     | 1.0000               | 1.0000                  | 1.0000                |
| 20.00     | 0.9945               | 0.9948                  | 0.9940                |
| 30.00     | 0.9865               | 0.9874                  | 0.9854                |
| 40.00     | 0.9778               | 0.9789                  | 0.9757                |
| 50.00     | 0.9702               | 0.9714                  | 0.9671                |
| 60.00     | 0.9652               | 0.9660                  | 0.9611                |
| 70.00     | 0.9649               | 0.9646                  | 0.9596                |
| 80.00     | 0.9708               | 0.9687                  | 0.9643                |
| 90.00     | 0.9838               | 0.9793                  | 0.9761                |
| 100.00    | 1.0051               | 0.9974                  | 0.9963                |
| 120.00    | 1.0756               | 1.0609                  | 1.0656                |
| 140.00    | 1.1619               | 1.1513                  | 1.1559                |
| 160.00    | 1.1549               | 1.1836                  | 1.1610                |

#### Sensitivities

|                                      | Z-Axis<br>(Vertical) | Y-Axis<br>(North/South) | X-Axis<br>(East/West) |
|--------------------------------------|----------------------|-------------------------|-----------------------|
| <b>Output Sensitivity<br/>(V/g)</b>  | 2.502                | 2.500                   | 2.501                 |
| <b>Cross-axis Coupling<br/>(g/g)</b> | 0.24%                | 0.24%                   | 0.04%                 |