**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

**Support & Engineering:** support@reftek.com

**Accounting:** 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
www.trimble.com/infrastructure

# REF TEK 147A-01/3/EXT P/N:97499-00
# S/N: 14827

## Normalized Magnitude-frequency Characteristics

| Freq.(Hz) | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|---|---|---|---|
| 1.00 | 1.0016 | 1.0016 | 1.0015 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9954 | 0.9956 | 0.9958 |
| 30.00 | 0.9888 | 0.9891 | 0.9898 |
| 40.00 | 0.9812 | 0.9817 | 0.9830 |
| 50.00 | 0.9742 | 0.9747 | 0.9769 |
| 60.00 | 0.9690 | 0.9693 | 0.9726 |
| 70.00 | 0.9670 | 0.9670 | 0.9716 |
| 80.00 | 0.9696 | 0.9689 | 0.9751 |
| 90.00 | 0.9773 | 0.9756 | 0.9838 |
| 100.00 | 0.9908 | 0.9879 | 0.9983 |
| 120.00 | 1.0369 | 1.0308 | 1.0457 |
| 140.00 | 1.0944 | 1.0873 | 1.1009 |
| 160.00 | 1.0995 | 1.1003 | 1.0955 |

## Sensitivities

| | Z-Axis (Vertical) | Y-Axis (North/South) | X-Axis (East/West) |
|---|---|---|---|
| **OutputSensitivity (V/g)** | 2.501 | 2.501 | 2.500 |
| **Cross-axis Coupling (g/g)** | 0.80% | 0.32% | 0.40% |