


**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

# REF TEK 147-01/3 Test Data Sheet

**Customer: USGS** **Job File 15347**

| **Sensor Part #:** | **147-01/3** |
|---|---|

**Sensor S/N: G11705AS**

## Normalized Sensitivity

| Freq.(Hz) | Ch. 1 (Vert) | Ch. 2 (N-S) | Ch. 3 (E-W) |
|---|---|---|---|
| 1.00 | 1.0075 | 1.0072 | 1.0078 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9835 | 0.9844 | 0.9832 |
| 40.00 | 0.9448 | 0.9478 | 0.9438 |
| 60.00 | 0.9312 | 0.9352 | 0.9326 |
| 80.00 | 0.9491 | 0.9493 | 0.9513 |
| 99.00 | 0.9722 | 0.9636 | 0.9643 |
| 120.00 | 0.9236 | 0.9033 | 0.8785 |
| 140.00 | 0.7444 | 0.7273 | 0.6703 |
| 160.00 | 0.5235 | 0.5178 | 0.4489 |
| **Sensitivity (@10 Hz)** | **2.500v/g** | **2.500v/g** | **2.500v/g** |

**Zero**

z1=-4.70449e+002 +0.00000e+000i

**Poles**

p1=-2.77023e+004 +0.00000e+000i

p2=-1.13268e+003 +0.00000e+000i

p3=-2.96983e+002 +7.75369e+002i

p4=-2.96983e+002 -7.75369e+002i

p5=-3.41272e+002 +0.00000e+000i