


**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

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# REF TEK 147-01/3 Test Data Sheet

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

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

**Sensor S/N: G11708AS**

## Normalized Sensitivity

| Freq.(Hz) | Ch. 1 (Vert) | Ch. 2 (N-S) | Ch. 3 (E-W) |
|---|---|---|---|
| 1.00 | 1.0068 | 1.0067 | 1.0071 |
| 10.00 | 1.0000 | 1.0000 | 1.0000 |
| 20.00 | 0.9848 | 0.9850 | 0.9839 |
| 40.00 | 0.9514 | 0.9521 | 0.9505 |
| 60.00 | 0.9418 | 0.9444 | 0.9444 |
| 80.00 | 0.9616 | 0.9656 | 0.9684 |
| 99.00 | 0.9788 | 0.9827 | 0.9809 |
| 120.00 | 0.9143 | 0.9094 | 0.8817 |
| 140.00 | 0.7296 | 0.7141 | 0.6654 |
| 160.00 | 0.5184 | 0.4985 | 0.4522 |
| **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