



# 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:**

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## 151-30A Observer Parameters Table

Seismometer Serial Number	Component	Period (sec)	Damping Coefficient	Output Voltage Sensitivity (V/m/s)	Calibration Sensitivity (m/s <sup>2</sup> /A)
<b>G11312VS</b>	<b>Vertical</b>	30.2	0.705	1995.37	10.2096
	<b>North/South</b>	30.2	0.707	1992.60	10.1559
	<b>East/West</b>	30.2	0.703	2003.81	10.1561

Zeros: 3 radians  
 z1 = 0  
 z2 = 0  
 z3 = -1.8180e +001

Poles: 6 radians  
 p1 = 1.4807e -001 +1.4812e -001 i  
 p2 = -1.4807e -001 -1.4812e -002 i  
 p3 = -1.8033e +002 +1.8992e +002 i  
 p4 = -1.8033e +002 -1.8992e +002 i  
 P5 = -2.0958e +001  
 P6 = -7.72203e +002