



# 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)
G09313VS	Vertical	30.0	0.707	2009.65	9.9224
	North/South	29.9	0.707	2015.16	9.7686
	East/West	30.0	0.708	2028.40	9.9738

**Zeros: 2 radians**

$$z1 = 0$$

$$z2 = 0$$

**Poles: 4 radians**

$$p1 = -0.14810 + 0.14810i$$

$$p2 = -0.14810 - 0.14810i$$

$$p3 = -222.11 + 222.11i$$

$$p4 = -222.11 - 222.11i$$