



# 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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## REF TEK 151B-120 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)
G14220VS	Vertical	119.98	0.701	2001.97	11.20
	North/South	120.39	0.702	1999.76	10.60
	East/West	119.61	0.699	1999.11	10.76

**Zeros: 2 radians**

z1 = 0  
 z2 = 0

**Poles: 4 radians**

Vertical	p1 = -0.036710 +0.037347 i	p3 = -222.144 +222.144 i
	p2 = -0.036710 -0.037347 i	p4 = -222.144 -222.144 i
North/South	p1 = -0.036638 +0.037169 i	p3 = -222.144 +222.144 i
	p2 = -0.036638 -0.037169 i	p4 = -222.144 -222.144 i
East/West	p1 = -0.036719 +0.037566 i	p3 = -222.144 +222.144 i
	p2 = -0.036719 -0.037566 i	p4 = -222.144 -222.144 i