



# 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-60 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)
G12630VS	Vertical	60.82	0.7120	2016.70	11.6503
	North/South	60.65	0.7070	1996.16	10.6145
	East/West	60.48	0.7060	1998.85	10.9040

Zeros: 2 radians

z1 = 0

z2 = 0

Poles: 4 radians

<b>Vertical</b>	p1 = -0.073555 +0.072541 i	p3 = -222.144 +222.144 i
	p2 = -0.073555 -0.072541 i	p4 = -222.144 -222.144 i
<b>North/South</b>	p1 = -0.073243 +0.073266 i	p3 = -222.144 +222.144 i
	p2 = -0.073243 -0.073266 i	p4 = -222.144 -222.144 i
<b>East/West</b>	p1 = -0.073345 +0.073575 i	p3 = -222.144 +222.144 i
	p2 = -0.073345 -0.073575 i	p4 = -222.144 -222.144 i