



# 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)
G12629VS	Vertical	60.56	0.7090	1983.47	11.4604
	North/South	60.61	0.7100	1986.63	10.7945
	East/West	60.78	0.7100	1993.29	10.7993

**Zeros: 2 radians**

$z1 = 0$

$z2 = 0$

**Poles: 4 radians**

<b>Vertical</b>	$p1 = -0.073560 + 0.073166 i$	$p3 = -222.144 + 222.144 i$
	$p2 = -0.073560 - 0.073166 i$	$p4 = -222.144 - 222.144 i$
<b>North/South</b>	$p1 = -0.073603 + 0.073002 i$	$p3 = -222.144 + 222.144 i$
	$p2 = -0.073603 - 0.073002 i$	$p4 = -222.144 - 222.144 i$
<b>East/West</b>	$p1 = -0.073397 + 0.072797 i$	$p3 = -222.144 + 222.144 i$
	$p2 = -0.073397 - 0.072797 i$	$p4 = -222.144 - 222.144 i$