



# 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:**

**Sales & Administrative:** [sales@reftek.com](mailto:sales@reftek.com)

**Support & Engineering:** [support@reftek.com](mailto:support@reftek.com)

**Accounting:** [accounting@reftek.com](mailto:accounting@reftek.com)

**Address:** 36 Topple Drive, Dartmouth, NS Canada B3B 1L6

**Phone:** +1-902-444-7650

**Fax:** +1-902-444-7651



## 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)
G14135VS	Vertical	120.4	0.702	1993.0	11.6838
	North/South	120.6	0.703	1989.6	10.6828
	East/West	120.0	0.707	2001.4	10.5157

Zeros: 2 radians

$$z1 = 0$$

$$z2 = 0$$

Poles: 4 radians

Vertical	p1 =	-0.036641	+0.037172 i	p3 =	-222.144	+222.144 i
	p2 =	-0.036641	-0.037172 i	p4 =	-222.144	-222.144 i
North/South	p1 =	-0.036629	+0.037056 i	p3 =	-222.144	+222.144 i
	p2 =	-0.036629	-0.037056 i	p4 =	-222.144	-222.144 i
East/West	p1 =	-0.037012	+0.037023 i	p3 =	-222.144	+222.144 i
	p2 =	-0.037012	-0.037023 i	p4 =	-222.144	-222.144 i