

# REF TEK Bronco

# Broadband Seismometer

Date: 2023-09-20

P/N: R-151D-Bronco-120

120 Second

S/N: 237003

Component	Period (sec)	Damping Coefficient	Output Voltage Sensitivity (V/(m/s))	Calibration Sensitivity (m/s <sup>2</sup> /A)	Component	Output Voltage Sensitivity (V/(m/s))
U	121.56	0.716	2005.10	10.91	Z	2003.50
W	121.22	0.714	2007.20	10.65	N	2002.70
V	121.43.	0.707	1998.20	10.72	E	2004.30

All sensitivities tested at 1 Hz

### Zeros: 2 radians

$z1 = 0$

$z2 = 0$

### Poles: 4 radians

$p1 = -0.037024 + 0.037024 i$

$p3 = -355.431 + 355.431 i$

$p2 = -0.037024 - 0.037024 i$

$p4 = -355.431 - 355.431 i$

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