



**REF TEK Bronco**

**Broadband Seismometer**

Date: 2025/2/13

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

120 Second

S/N: 247028

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	120.59	0.708	2001.20	10.01	Z	2003.00
W	120.55	0.708	2005.00	10.00	N	2003.90
V	120.96	0.713	2002.80	10.05	E	2002.10

All sensitivities tested at 1 Hz

**Zeros: 2 radians**

z1 = 0  
z2 = 0

**Poles: 4 radians**

p1 = -0.037024 +0.037024 i      p2 = -0.037024 -0.037024 i  
p3 = -355.431 +355.431 i      p4 = -355.431 -355.431 i

Rev C 2023-09

