



**REF TEK Bronco**

**Broadband Seismometer**

Date: 2023/12/25

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

120 Second

S/N: 237008

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	121.20	0.710	1993.71	10.26	Z	2002.33
W	121.66	0.715	2006.23	10.10	N	2006.64
V	121.53	0.713	2007.04	10.14	E	1998.02

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

