



**REF TEK Bronco**

**Broadband Seismometer**

Date: 2025/2/13

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

120 Second

S/N: 247026

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	120.87	0.707	1997.90	10.24	Z	1999.73
W	120.61	0.708	2007.10	10.33	N	2000.65
V	120.45	0.707	1994.20	10.35	E	1998.82

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

