



**REF TEK Bronco**

**Broadband Seismometer**

Date: 2023/12/25

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

120 Second

S/N: 237009

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	121.05	0.708	2002.61	10.16	Z	2000.12
W	120.87	0.705	2012.01	10.20	N	1998.88
V	120.95	0.712	1985.74	10.22	E	2001.37

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

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