



**REF TEK Bronco**

**Broadband Seismometer**

Date: 2024/7/22

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

120 Second

S/N: 247010

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	120.96	0.708	1997.14	10.36	Z	2003.79
W	121.07	0.713	2005.23	10.27	N	2007.12
V	121.22	0.712	2009.00	10.27	E	2000.47

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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