



REF TEK Bronco

Broadband Seismometer

Date: 2025/2/13

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

120 Second

S/N: 247025

| Component | Period (sec) | Damping Coefficient | Output Voltage Sensitivity (V/(m/s)) | Calibration Sensitivity (m/s ² /A) | Component | Output Voltage Sensitivity (V/(m/s)) |
|-----------|--------------|---------------------|--------------------------------------|---|-----------|--------------------------------------|
| U | 120.42 | 0.704 | 2006.10 | 10.45 | Z | 2003.80 |
| W | 121.17 | 0.712 | 2001.40 | 10.28 | N | 2002.65 |
| V | 120.74 | 0.710 | 2003.90 | 10.29 | E | 2004.95 |

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

