



REF TEK Bronco

Broadband Seismometer

Date: 2024/7/22

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

120 Second

S/N: 247017

| 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 | 120.84 | 0.709 | 2007.00 | 10.16 | Z | 2002.55 |
| W | 120.86 | 0.710 | 1999.41 | 10.41 | N | 2000.32 |
| V | 120.38 | 0.709 | 2001.23 | 10.46 | E | 2004.77 |

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

