



REF TEK Bronco

Broadband Seismometer

Date: 2024/7/22

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

120 Second

S/N: 247009

| 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 | 120.98 | 0.707 | 1997.59 | 10.26 | Z | 1995.12 |
| W | 121.14 | 0.712 | 1986.40 | 10.55 | N | 1993.88 |
| V | 121.18 | 0.712 | 2001.36 | 10.11 | E | 1996.35 |

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

