



REF TEK Bronco

Broadband Seismometer

Date: 2024/7/22

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

120 Second

S/N: 247015

| 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 | 121.28 | 0.712 | 1994.94 | 10.17 | Z | 1993.02 |
| W | 121.01 | 0.709 | 1995.97 | 10.31 | N | 1992.07 |
| V | 120.69 | 0.708 | 1988.16 | 10.40 | E | 1993.98 |

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

