

REF TEK Colt

Broadband Seismometer

Date: 2023/12/19

P/N: R-117400-120

120 Second

S/N: 213110

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	120.79	0.709	2001.23	9.85	Z	1996.13
W	120.42	0.702	1994.63	9.83	N	1993.59
V	120.62	0.711	1992.54	9.86	E	1998.68

Zeros: 2 radians

z1 = 0
z2 = 0

Poles: 6 radians

U	p1 = -0.036880 +0.036683 i	p2 = -0.036880 -0.036683 i
	p3 = -384.041 +628.753 i	p4 = -384.041 -628.753 i
	p5 = -389.790	p6 = -2.671646E+13
W	p1 = -0.036628 +0.037159 i	p2 = -0.036628 -0.037159 i
	p3 = -384.041 +628.753 i	p4 = -384.041 -628.753 i
	p5 = -389.790	p6 = -2.671646E+13
V	p1 = -0.037037 +0.036630 i	p2 = -0.037037 -0.036630 i
	p3 = -384.041 +628.753 i	p4 = -384.041 -628.753 i
	p5 = -389.790	p6 = -2.671646E+13

Rev H 04-2022