

DATE: 2025/5/12

REF TEK 147A-01/3 Accelerometer

S/N: 24845

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9993	0.9992
30.00	0.9972	0.9984	0.9981
40.00	0.9953	0.9973	0.9967
50.00	0.9934	0.9963	0.9955
60.00	0.9919	0.9958	0.9947
70.00	0.9914	0.9960	0.9946
80.00	0.9922	0.9974	0.9957
90.00	0.9948	1.0002	0.9981
100.00	0.9996	1.0046	1.0024
120.00	1.0179	1.0200	1.0182
140.00	1.0498	1.0443	1.0454
160.00	1.0862	1.0677	1.0765

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.499	2.501
Cross-axis Coupling (g/g)	0.04%	0.24%	0.16%

* g = 9.80 m/s²

Rev H (2020-04)