

DATE: 2025/5/12

REF TEK 147A-01/3 Accelerometer

S/N: 24843

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9991
30.00	0.9983	0.9977	0.9977
40.00	0.9973	0.9961	0.9962
50.00	0.9964	0.9946	0.9947
60.00	0.9961	0.9935	0.9936
70.00	0.9967	0.9933	0.9933
80.00	0.9985	0.9945	0.9943
90.00	1.0018	0.9972	0.9968
100.00	1.0070	1.0021	1.0013
120.00	1.0240	1.0197	1.0182
140.00	1.0511	1.0493	1.0484
160.00	1.0805	1.0809	1.0851

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.500	2.499
Cross-axis Coupling (g/g)	0.12%	0.60%	0.16%

* g = 9.80 m/s²

Rev H (2020-04)