

DATE: 2025/12/18

REF TEK 147A-01/3 Accelerometer

S/N: 25773

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9993	0.9992
30.00	0.9983	0.9983	0.9980
40.00	0.9973	0.9972	0.9967
50.00	0.9966	0.9961	0.9955
60.00	0.9965	0.9953	0.9948
70.00	0.9971	0.9951	0.9949
80.00	0.9990	0.9959	0.9962
90.00	1.0021	0.9981	0.9988
100.00	1.0069	1.0019	1.0032
120.00	1.0228	1.0166	1.0188
140.00	1.0481	1.0435	1.0452
160.00	1.0739	1.0765	1.0765

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.499	2.500
Cross-axis Coupling (g/g)	0.04%	0.64%	0.56%

* g = 9.81 m/s²

Rev L (2025-09)