

DATE: 2025/10/27

REF TEK 147A-01/3 Accelerometer

S/N: 25729

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	1.0001	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9997	0.9992
30.00	0.9976	0.9992	0.9981
40.00	0.9961	0.9985	0.9968
50.00	0.9949	0.9977	0.9957
60.00	0.9944	0.9970	0.9951
70.00	0.9951	0.9967	0.9952
80.00	0.9976	0.9971	0.9967
90.00	1.0021	0.9985	0.9996
100.00	1.0089	1.0014	1.0045
120.00	1.0308	1.0133	1.0216
140.00	1.0627	1.0365	1.0500
160.00	1.0894	1.0665	1.0807

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%	0.36%	0.48%

* g = 9.81 m/s²

Rev L (2025-09)