



DATE: 2025/10/24

REF TEK 147A-01/3 Accelerometer

S/N: 25726

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	0.9974	0.9983	0.9981
40.00	0.9957	0.9972	0.9969
50.00	0.9944	0.9961	0.9959
60.00	0.9938	0.9954	0.9955
70.00	0.9944	0.9953	0.9960
80.00	0.9968	0.9964	0.9980
90.00	1.0014	0.9988	1.0016
100.00	1.0084	1.0029	1.0072
120.00	1.0316	1.0181	1.0263
140.00	1.0665	1.0448	1.0572
160.00	1.0982	1.0760	1.0909

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.500
Cross-axis Coupling (g/g)	0.08%	0.28%	0.56%

* g = 9.81 m/s²

Rev L (2025-09)

