

DATE: 2025/10/22

REF TEK 147A-01/3 Accelerometer

S/N: 25710

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0008	1.0002	1.0007
10.00	1.0000	1.0000	1.0000
20.00	0.9981	0.9994	0.9984
30.00	0.9961	0.9984	0.9966
40.00	0.9945	0.9974	0.9948
50.00	0.9935	0.9966	0.9933
60.00	0.9934	0.9963	0.9925
70.00	0.9943	0.9968	0.9925
80.00	0.9967	0.9986	0.9939
90.00	1.0007	1.0019	0.9968
100.00	1.0067	1.0070	1.0018
120.00	1.0262	1.0242	1.0194
140.00	1.0564	1.0513	1.0494
160.00	1.0863	1.0787	1.0830

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.500	2.501
Cross-axis Coupling (g/g)	0.36%	0.08%	0.32%

* g = 9.81 m/s²

Rev L (2025-09)