



DATE: 2025/10/27

REF TEK 147A-01/3 Accelerometer

S/N: 25721

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	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9998
30.00	0.9983	0.9978	0.9996
40.00	0.9971	0.9963	0.9993
50.00	0.9960	0.9949	0.9991
60.00	0.9953	0.9939	0.9991
70.00	0.9953	0.9937	0.9995
80.00	0.9963	0.9948	1.0008
90.00	0.9987	0.9973	1.0030
100.00	1.0029	1.0018	1.0067
120.00	1.0177	1.0181	1.0207
140.00	1.0425	1.0451	1.0473
160.00	1.0687	1.0727	1.0820

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.501
Cross-axis Coupling (g/g)	0.28%	0.44%	0.36%

* g = 9.81 m/s²

Rev L (2025-09)

