

DATE: 2025/12/22

REF TEK 147A-01/3 Accelerometer

S/N: 25768

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9993	0.9987
30.00	0.9978	0.9983	0.9969
40.00	0.9963	0.9972	0.9948
50.00	0.9949	0.9961	0.9930
60.00	0.9939	0.9955	0.9917
70.00	0.9938	0.9956	0.9917
80.00	0.9949	0.9969	0.9934
90.00	0.9976	0.9994	0.9971
100.00	1.0021	1.0036	1.0032
120.00	1.0183	1.0186	1.0240
140.00	1.0452	1.0437	1.0557
160.00	1.0736	1.0717	1.0842

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.500	2.500
Cross-axis Coupling (g/g)	0.24%	0.00%	0.20%

* g = 9.81 m/s²

Rev L (2025-09)