



DATE: 2025/10/23

REF TEK 147A-01/3 Accelerometer

S/N: 25722

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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9992
30.00	0.9982	0.9978	0.9980
40.00	0.9971	0.9963	0.9966
50.00	0.9961	0.9948	0.9954
60.00	0.9957	0.9936	0.9946
70.00	0.9960	0.9932	0.9947
80.00	0.9978	0.9938	0.9960
90.00	1.0010	0.9959	0.9989
100.00	1.0062	0.9997	1.0037
120.00	1.0239	1.0146	1.0202
140.00	1.0522	1.0413	1.0458
160.00	1.0805	1.0729	1.0687

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)	0.36%	0.88%	0.24%

* g = 9.81 m/s²

Rev L (2025-09)

