

DATE: 2025/10/22

REF TEK 147A-01/3 Accelerometer

S/N: 25719

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	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9989	0.9988
30.00	0.9976	0.9972	0.9970
40.00	0.9959	0.9955	0.9950
50.00	0.9943	0.9941	0.9932
60.00	0.9932	0.9934	0.9920
70.00	0.9931	0.9940	0.9919
80.00	0.9943	0.9962	0.9933
90.00	0.9972	1.0003	0.9964
100.00	1.0022	1.0064	1.0015
120.00	1.0201	1.0261	1.0189
140.00	1.0495	1.0548	1.0457
160.00	1.0795	1.0806	1.0720

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.501	2.499
Cross-axis Coupling (g/g)	0.20%	0.08%	0.24%

* g = 9.81 m/s²

Rev L (2025-09)