



DATE: 2025/10/27

REF TEK 147A-01/3 Accelerometer

S/N: 25727

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9988
30.00	0.9976	0.9979	0.9971
40.00	0.9959	0.9965	0.9950
50.00	0.9942	0.9953	0.9930
60.00	0.9928	0.9947	0.9914
70.00	0.9922	0.9949	0.9907
80.00	0.9928	0.9966	0.9914
90.00	0.9949	0.9999	0.9938
100.00	0.9990	1.0052	0.9983
120.00	1.0150	1.0236	1.0154
140.00	1.0444	1.0528	1.0440
160.00	1.0802	1.0814	1.0733

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.499	2.499
Cross-axis Coupling (g/g)	0.40%	0.52%	0.52%

* g = 9.81 m/s²

Rev L (2025-09)

