

DATE: 2025/5/8

REF TEK 147A-01/3 Accelerometer

S/N: 24860

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9990	0.9988
30.00	0.9988	0.9976	0.9971
40.00	0.9980	0.9959	0.9950
50.00	0.9972	0.9943	0.9931
60.00	0.9966	0.9931	0.9916
70.00	0.9965	0.9927	0.9910
80.00	0.9972	0.9935	0.9918
90.00	0.9991	0.9957	0.9942
100.00	1.0026	0.9996	0.9988
120.00	1.0165	1.0140	1.0157
140.00	1.0432	1.0377	1.0443
160.00	1.0776	1.0622	1.0757

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)	0.20%	0.28%	0.60%

* g = 9.80 m/s²

Rev H (2020-04)