

DATE: 2025/8/5

REF TEK 147A-01/3 Accelerometer

S/N: 24874

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	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9993
30.00	0.9978	0.9977	0.9982
40.00	0.9962	0.9962	0.9969
50.00	0.9949	0.9949	0.9956
60.00	0.9940	0.9942	0.9945
70.00	0.9939	0.9945	0.9939
80.00	0.9951	0.9963	0.9940
90.00	0.9977	0.9998	0.9953
100.00	1.0020	1.0052	0.9979
120.00	1.0162	1.0232	1.0088
140.00	1.0368	1.0501	1.0296
160.00	1.0523	1.0744	1.0555

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)	0.40%	0.16%	0.20%

* g = 9.80 m/s²

Rev H (2020-04)