

DATE: 2025/5/12

REF TEK 147A-01/3 Accelerometer

S/N: 24861

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	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9989	0.9987
30.00	0.9978	0.9972	0.9967
40.00	0.9963	0.9953	0.9944
50.00	0.9949	0.9933	0.9922
60.00	0.9941	0.9918	0.9906
70.00	0.9943	0.9910	0.9901
80.00	0.9959	0.9915	0.9912
90.00	0.9991	0.9937	0.9942
100.00	1.0043	0.9978	0.9996
120.00	1.0227	1.0142	1.0185
140.00	1.0528	1.0435	1.0483
160.00	1.0857	1.0775	1.0766

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.499
Cross-axis Coupling (g/g)	0.20%	0.12%	0.20%

* g = 9.80 m/s²

Rev H (2020-04)