

DATE: 2025/10/11

REF TEK 147A-01/3 Accelerometer

S/N: 25703

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	1.0006	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9984	0.9995
30.00	0.9981	0.9963	0.9989
40.00	0.9968	0.9941	0.9981
50.00	0.9957	0.9925	0.9974
60.00	0.9950	0.9916	0.9969
70.00	0.9952	0.9919	0.9969
80.00	0.9965	0.9937	0.9977
90.00	0.9993	0.9971	0.9997
100.00	1.0038	1.0025	1.0032
120.00	1.0195	1.0202	1.0167
140.00	1.0452	1.0479	1.0418
160.00	1.0739	1.0762	1.0732

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.501	2.499
Cross-axis Coupling (g/g)	0.28%	0.36%	0.20%

* g = 9.81 m/s²

Rev L (2025-09)