



DATE: 2025/10/9

REF TEK 147A-01/3 Accelerometer

S/N: 25704

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	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9993	0.9992
30.00	0.9977	0.9982	0.9980
40.00	0.9960	0.9970	0.9966
50.00	0.9945	0.9959	0.9954
60.00	0.9934	0.9951	0.9945
70.00	0.9931	0.9950	0.9944
80.00	0.9941	0.9960	0.9955
90.00	0.9967	0.9983	0.9981
100.00	1.0012	1.0022	1.0025
120.00	1.0178	1.0160	1.0188
140.00	1.0458	1.0382	1.0470
160.00	1.0756	1.0600	1.0791

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)	0.20%	0.40%	0.48%

* g = 9.81 m/s²

Rev L (2025-09)

