

DATE: 2025-08-25

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3930

P/N: R-180-S002

DAS: 34140

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0005	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9987	0.9987
30.00	0.9976	0.9967	0.9967
40.00	0.9959	0.9944	0.9946
50.00	0.9942	0.9923	0.9938
60.00	0.9928	0.9907	0.9916
70.00	0.9921	0.9901	0.9916
80.00	0.9926	0.9911	0.9931
90.00	0.9945	0.9940	0.9963
100.00	0.9982	0.9992	1.0015
120.00	1.0132	1.0178	1.0192
140.00	1.0406	1.0477	1.0477
160.00	1.0737	1.0771	1.0788

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.20%	0.12%	0.28%

* g = 9.80 m/s²

Rev K (2024-01)