

DATE: 2025-08-20

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

S/N: R3923

P/N: R-180-S002

DAS: 34139

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	0.9992	0.9991	0.9992
30.00	0.9982	0.9978	0.9980
40.00	0.9969	0.9963	0.9965
50.00	0.9959	0.9949	0.9953
60.00	0.9953	0.9941	0.9944
70.00	0.9956	0.9942	0.9943
80.00	0.9972	0.9958	0.9954
90.00	1.0003	0.9989	0.9980
100.00	1.0054	1.0042	1.0024
120.00	1.0233	1.0225	1.0183
140.00	1.0535	1.0525	1.0455
160.00	1.0880	1.0845	1.0763

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)	0.36%	0.04%	0.28%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)