

DATE: 2024-07-24

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

S/N: R3824

P/N: R-180-S002

DAS: 34076

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9990	0.9988
30.00	0.9978	0.9974	0.9970
40.00	0.9963	0.9956	0.9949
50.00	0.9950	0.9939	0.9930
60.00	0.9942	0.9927	0.9915
70.00	0.9944	0.9924	0.9910
80.00	0.9960	0.9935	0.9920
90.00	0.9992	0.9962	0.9948
100.00	1.0045	1.0010	0.9998
120.00	1.0229	1.0184	1.0181
140.00	1.0525	1.0470	1.0484
160.00	1.0831	1.0769	1.0797

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.00%	0.04%	0.52%

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

Rev K (2024-01)