

DATE: 2024-09-17

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

S/N: R3847

P/N: R-180-S002

DAS: 3408D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9983
30.00	0.9979	0.9977	0.9961
40.00	0.9966	0.9963	0.9938
50.00	0.9956	0.9950	0.9922
60.00	0.9954	0.9943	0.9917
70.00	0.9962	0.9946	0.9925
80.00	0.9987	0.9964	0.9952
90.00	1.0028	0.9997	0.9996
100.00	1.0090	1.0051	1.0062
120.00	1.0282	1.0234	1.0269
140.00	1.0557	1.0532	1.0583
160.00	1.0792	1.0856	1.0891

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.48%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)