

DATE: 2024-09-12

REF TEK 147A-01/3/INT/SMHR2 Accelerometer

S/N: R3840

P/N: R-180-S002

DAS: 34088

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	0.9991	0.9990
30.00	0.9978	0.9978	0.9976
40.00	0.9964	0.9963	0.9960
50.00	0.9951	0.9950	0.9946
60.00	0.9944	0.9942	0.9936
70.00	0.9946	0.9944	0.9935
80.00	0.9961	0.9958	0.9948
90.00	0.9993	0.9989	0.9977
100.00	1.0045	1.0039	1.0026
120.00	1.0226	1.0208	1.0201
140.00	1.0514	1.0471	1.0486
160.00	1.0808	1.0717	1.0788

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)	0.20%	0.32%	0.28%

* g = 9.80 m/s²

Rev M (2024-06)