

DATE: 2024-09-18

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

S/N: R3852

P/N: R-180-S002

DAS: 34092

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0009	1.0014	1.0015
10.00	1.0000	1.0000	1.0000
20.00	0.9980	0.9979	0.9983
30.00	0.9960	0.9960	0.9966
40.00	0.9943	0.9942	0.9947
50.00	0.9931	0.9927	0.9930
60.00	0.9925	0.9916	0.9919
70.00	0.9927	0.9915	0.9919
80.00	0.9941	0.9927	0.9936
90.00	0.9969	0.9956	0.9972
100.00	1.0013	1.0005	1.0031
120.00	1.0168	1.0184	1.0240
140.00	1.0428	1.0484	1.0570
160.00	1.0707	1.0804	1.0877

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.40%	0.40%	0.24%

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

Rev K (2024-01)