

DATE: 2025-01-27

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

S/N: R3891

P/N: R-180-S002

DAS: 34119

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9993	0.9995
30.00	0.9986	0.9983	0.9988
40.00	0.9978	0.9972	0.9981
50.00	0.9970	0.9962	0.9975
60.00	0.9967	0.9957	0.9973
70.00	0.9971	0.9960	0.9977
80.00	0.9988	0.9976	0.9993
90.00	1.0017	1.0006	1.0021
100.00	1.0065	1.0054	1.0065
120.00	1.0236	1.0221	1.0217
140.00	1.0535	1.0494	1.0476
160.00	1.0897	1.0788	1.0774

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)	0.00%	0.48%	0.28%

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

Rev K (2024-01)