

DATE: 2025-07-22

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

S/N: R3904

P/N: R-180-S002

DAS: 34126

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	0.9993	0.9991	0.9992
30.00	0.9982	0.9978	0.9980
40.00	0.9970	0.9963	0.9967
50.00	0.9960	0.9950	0.9955
60.00	0.9954	0.9941	0.9948
70.00	0.9958	0.9941	0.9950
80.00	0.9976	0.9954	0.9966
90.00	1.0009	0.9983	0.9997
100.00	1.0062	1.0033	1.0049
120.00	1.0247	1.0212	1.0230
140.00	1.0549	1.0517	1.0525
160.00	1.0868	1.0857	1.0827

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.24%	0.16%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)