

DATE: 2023-03-21

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

S/N: R3760

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0040
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9989	0.9988
30.00	0.9970	0.9973	0.9970
40.00	0.9948	0.9955	0.9949
50.00	0.9929	0.9938	0.9928
60.00	0.9913	0.9926	0.9910
70.00	0.9908	0.9922	0.9901
80.00	0.9917	0.9933	0.9903
90.00	0.9943	0.9960	0.9921
100.00	0.9989	1.0006	0.9958
120.00	1.0157	1.0170	1.0103
140.00	1.0422	1.0435	1.0355
160.00	1.0676	1.0700	1.0627

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.72%	0.56%	0.28%

* g = 9.80 m/s²

Rev J (2022-05)