

DATE: 2023-12-28

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

S/N: R3789

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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9990	0.9991
30.00	0.9973	0.9975	0.9977
40.00	0.9954	0.9956	0.9961
50.00	0.9936	0.9938	0.9944
60.00	0.9923	0.9922	0.9930
70.00	0.9918	0.9914	0.9922
80.00	0.9928	0.9916	0.9924
90.00	0.9955	0.9932	0.9940
100.00	1.0004	0.9967	0.9974
120.00	1.0192	1.0110	1.0121
140.00	1.0524	1.0375	1.0407
160.00	1.0896	1.0691	1.0777

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)	0.52%	0.40%	0.12%

* g = 9.80 m/s²

Rev J (2022-05)