

DATE: 2023-12-07

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

S/N: R3783

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9989	0.9988
30.00	0.9971	0.9973	0.9971
40.00	0.9951	0.9953	0.9949
50.00	0.9930	0.9933	0.9928
60.00	0.9913	0.9915	0.9910
70.00	0.9905	0.9906	0.9901
80.00	0.9909	0.9908	0.9903
90.00	0.9929	0.9925	0.9918
100.00	0.9971	0.9962	0.9956
120.00	1.0134	1.0115	1.0116
140.00	1.0429	1.0401	1.0422
160.00	1.0770	1.0754	1.0811

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)	0.88%	0.20%	0.72%

* g = 9.80 m/s²

Rev J (2022-05)