

DATE: 2023-08-29

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

S/N: R3748

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0000	1.0002	1.0001
10.00	1.0000	1.0000	1.0000
20.00	1.0000	0.9993	0.9997
30.00	0.9998	0.9982	0.9992
40.00	0.9994	0.9969	0.9987
50.00	0.9989	0.9955	0.9983
60.00	0.9986	0.9944	0.9981
70.00	0.9988	0.9938	0.9982
80.00	1.0001	0.9940	0.9991
90.00	1.0027	0.9953	1.0008
100.00	1.0068	0.9981	1.0036
120.00	1.0230	1.0099	1.0137
140.00	1.0511	1.0317	1.0307
160.00	1.0727	1.0567	1.0525

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)	0.04%	0.84%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)