

DATE: 2023-06-15

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

S/N: R3746

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0001	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9996	0.9996
30.00	0.9995	0.9991	0.9991
40.00	0.9992	0.9984	0.9986
50.00	0.9991	0.9979	0.9981
60.00	0.9992	0.9976	0.9978
70.00	0.9998	0.9977	0.9980
80.00	1.0012	0.9988	0.9990
90.00	1.0034	1.0008	1.0010
100.00	1.0067	1.0043	1.0042
120.00	1.0180	1.0172	1.0155
140.00	1.0364	1.0407	1.0341
160.00	1.0553	1.0695	1.0526

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)	0.24%	0.12%	0.40%

* g = 9.80 m/s²

Rev J (2022-05)