

DATE: 2023-03-21

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

S/N: R3759

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9993	0.9991
30.00	0.9981	0.9982	0.9977
40.00	0.9969	0.9969	0.9962
50.00	0.9958	0.9957	0.9947
60.00	0.9951	0.9948	0.9936
70.00	0.9952	0.9945	0.9933
80.00	0.9964	0.9953	0.9942
90.00	0.9989	0.9973	0.9966
100.00	1.0031	1.0010	1.0008
120.00	1.0171	1.0149	1.0162
140.00	1.0387	1.0397	1.0425
160.00	1.0587	1.0691	1.0727

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)	0.56%	0.28%	0.12%

* g = 9.80 m/s²

Rev J (2022-05)