

DATE: 2024-05-30

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

S/N: R3808

P/N: R-180-S002

DAS: 34069

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0010	1.0005	1.0007
10.00	1.0000	1.0000	1.0000
20.00	0.9973	0.9985	0.9979
30.00	0.9942	0.9967	0.9955
40.00	0.9917	0.9951	0.9933
50.00	0.9906	0.9940	0.9919
60.00	0.9910	0.9936	0.9914
70.00	0.9926	0.9935	0.9913
80.00	0.9964	0.9949	0.9929
90.00	1.0013	0.9968	0.9951
100.00	1.0088	1.0009	0.9994
120.00	1.0309	1.0158	1.0152
140.00	1.0596	1.0410	1.0401
160.00	1.0838	1.0732	1.0709

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)	0.80%	0.36%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)