

DATE: 2024-12-05

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

S/N: R3887

P/N: R-180-S002

DAS: 34115

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9992	0.9992
30.00	0.9969	0.9979	0.9979
40.00	0.9947	0.9964	0.9965
50.00	0.9927	0.9949	0.9953
60.00	0.9910	0.9936	0.9946
70.00	0.9904	0.9929	0.9948
80.00	0.9911	0.9934	0.9962
90.00	0.9937	0.9952	0.9991
100.00	0.9983	0.9990	1.0039
120.00	1.0155	1.0139	1.0205
140.00	1.0433	1.0414	1.0474
160.00	1.0699	1.0746	1.0764

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.52%	0.20%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)