

DATE: 2025-12-02

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

S/N: R3948

P/N: R-97499-CM

DAS: 34152

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9989
30.00	0.9982	0.9978	0.9972
40.00	0.9970	0.9962	0.9952
50.00	0.9960	0.9947	0.9933
60.00	0.9954	0.9936	0.9918
70.00	0.9957	0.9933	0.9913
80.00	0.9973	0.9941	0.9922
90.00	1.0003	0.9963	0.9947
100.00	1.0052	1.0004	0.9994
120.00	1.0223	1.0158	1.0171
140.00	1.0510	1.0427	1.0478
160.00	1.0832	1.0737	1.0832

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.2505.	1.251	1.251
Cross-axis Coupling (g/g)	0.20%	0.28%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)