

DATE: 2025-12-03

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

S/N: R3951

P/N: R-97499-CM

DAS: 34155

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	0.9990	0.9990
30.00	0.9970	0.9975	0.9976
40.00	0.9949	0.9957	0.9959
50.00	0.9928	0.9939	0.9942
60.00	0.9911	0.9925	0.9930
70.00	0.9902	0.9917	0.9926
80.00	0.9906	0.9921	0.9936
90.00	0.9927	0.9939	0.9961
100.00	0.9970	0.9976	1.0006
120.00	1.0140	1.0124	1.0178
140.00	1.0445	1.0395	1.0475
160.00	1.0794	1.0720	1.0809

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)	0.12%	0.04%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)