

DATE: 2025-08-15

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

S/N: R3933

P/N: R-180-S002

DAS: 34143

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9990	0.9989
30.00	0.9976	0.9977	0.9974
40.00	0.9960	0.9965	0.9956
50.00	0.9947	0.9957	0.9941
60.00	0.9941	0.9958	0.9932
70.00	0.9947	0.9969	0.9933
80.00	0.9970	0.9995	0.9950
90.00	1.0012	1.0036	0.9986
100.00	1.0077	1.0095	1.0044
120.00	1.0292	1.0281	1.0243
140.00	1.0622	1.0566	1.0562
160.00	1.0940	1.0852	1.0893

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.04%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)