

DATE: 2025-01-28

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

S/N: R3890

P/N: R-180-S002

DAS: 34118

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9993	0.9993
30.00	0.9969	0.9983	0.9983
40.00	0.9947	0.9971	0.9972
50.00	0.9927	0.9962	0.9963
60.00	0.9911	0.9958	0.9958
70.00	0.9905	0.9962	0.9961
80.00	0.9914	0.9979	0.9977
90.00	0.9941	1.0010	1.0007
100.00	0.9988	1.0060	1.0055
120.00	1.0165	1.0230	1.0218
140.00	1.0462	1.0504	1.0484
160.00	1.0794	1.0800	1.0771

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.08%	0.08%	0.84%

* g = 9.80 m/s²

Rev K (2024-01)