

DATE: 2025-07-22

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

S/N: R3900

P/N: R-180-S002

DAS: 34122

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9993	0.9992
30.00	0.9993	0.9984	0.9981
40.00	0.9990	0.9972	0.9968
50.00	0.9988	0.9962	0.9957
60.00	0.9990	0.9954	0.9950
70.00	0.9999	0.9952	0.9952
80.00	1.0018	0.9960	0.9967
90.00	1.0049	0.9980	0.9996
100.00	1.0097	1.0015	1.0044
120.00	1.0261	1.0147	1.0213
140.00	1.0546	1.0381	1.0493
160.00	1.0896	1.0665	1.0801

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)	0.32%	0.80%	0.64%

* g = 9.80 m/s²

Rev K (2024-01)