

DATE: 2024-09-20

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

S/N: R3843

P/N: R-180-S002

DAS: 34089

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	0.9989	0.9989	0.9989
30.00	0.9972	0.9972	0.9973
40.00	0.9952	0.9952	0.9955
50.00	0.9934	0.9935	0.9939
60.00	0.9921	0.9922	0.9927
70.00	0.9918	0.9920	0.9924
80.00	0.9930	0.9933	0.9936
90.00	0.9958	0.9965	0.9964
100.00	1.0008	1.0019	1.0013
120.00	1.0186	1.0210	1.0185
140.00	1.0474	1.0515	1.0454
160.00	1.0762	1.0809	1.0708

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)	0.24%	0.04%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)