

DATE: 2024-10-23

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

S/N: R3872

P/N: R-180-S002

DAS: 34106

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9992	0.9989
30.00	0.9980	0.9979	0.9973
40.00	0.9967	0.9963	0.9955
50.00	0.9954	0.9947	0.9940
60.00	0.9944	0.9933	0.9933
70.00	0.9942	0.9924	0.9937
80.00	0.9950	0.9924	0.9959
90.00	0.9972	0.9937	0.9999
100.00	1.0011	0.9968	1.0063
120.00	1.0159	1.0098	1.0270
140.00	1.0427	1.0344	1.0573
160.00	1.0758	1.0635	1.0828

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)	0.44%	0.56%	0.72%

* g = 9.80 m/s²

Rev K (2024-01)