

DATE: 2024-09-18

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

S/N: R3855

P/N: R-180-S002

DAS: 34095

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0005	1.0010
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9986	0.9979
30.00	0.9978	0.9965	0.9958
40.00	0.9963	0.9943	0.9941
50.00	0.9951	0.9925	0.9930
60.00	0.9945	0.9916	0.9928
70.00	0.9948	0.9921	0.9936
80.00	0.9967	0.9945	0.9962
90.00	1.0002	0.9988	1.0004
100.00	1.0057	1.0052	1.0067
120.00	1.0239	1.0245	1.0273
140.00	1.0521	1.0499	1.0587
160.00	1.0802	1.0686	1.0888

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)	0.52%	0.08%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)