

DATE: 2023-06-08

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

S/N: R3768

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9990	0.9997
30.00	0.9969	0.9976	0.9994
40.00	0.9948	0.9960	0.9989
50.00	0.9926	0.9946	0.9984
60.00	0.9908	0.9935	0.9980
70.00	0.9902	0.9932	0.9980
80.00	0.9900	0.9940	0.9986
90.00	0.9917	0.9962	1.0000
100.00	0.9954	1.0000	1.0026
120.00	1.0100	1.0146	1.0135
140.00	1.0356	1.0414	1.0355
160.00	1.0649	1.0757	1.0655

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.44%	0.20%	0.32%

* g = 9.80 m/s²

Rev J (2022-05)