

DATE: 2022-06-22

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

S/N: R3719

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9994	0.9992
30.00	0.9984	0.9986	0.9980
40.00	0.9974	0.9978	0.9967
50.00	0.9966	0.9973	0.9955
60.00	0.9963	0.9973	0.9946
70.00	0.9969	0.9981	0.9945
80.00	0.9989	1.0003	0.9955
90.00	1.0022	1.0038	0.9978
100.00	1.0073	1.0088	1.0017
120.00	1.0235	1.0236	1.0153
140.00	1.0462	1.0415	1.0356
160.00	1.0617	1.0474	1.0506

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%	0.24%	0.48%

* g = 9.80 m/s²

Rev J (2022-05)