

DATE: 2023-04-13

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

S/N: R3767

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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9992
30.00	0.9984	0.9978	0.9980
40.00	0.9973	0.9962	0.9965
50.00	0.9965	0.9946	0.9951
60.00	0.9962	0.9932	0.9938
70.00	0.9966	0.9924	0.9931
80.00	0.9984	0.9924	0.9932
90.00	1.0016	0.9937	0.9944
100.00	1.0067	0.9966	0.9969
120.00	1.0240	1.0085	1.0071
140.00	1.0521	1.0308	1.0252
160.00	1.0756	1.0581	1.0519

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)	0.12%	0.48%	0.76%

* g = 9.80 m/s²

Rev J (2022-05)