

DATE: 2023-04-06

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

S/N: R3766

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9992	0.9992
30.00	0.9977	0.9981	0.9980
40.00	0.9961	0.9966	0.9966
50.00	0.9945	0.9950	0.9953
60.00	0.9932	0.9934	0.9941
70.00	0.9925	0.9922	0.9935
80.00	0.9928	0.9916	0.9938
90.00	0.9944	0.9920	0.9952
100.00	0.9975	0.9936	0.9979
120.00	1.0094	1.0020	1.0088
140.00	1.0294	1.0200	1.0275
160.00	1.0501	1.0441	1.0473

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.44%	0.32%	0.32%

* g = 9.80 m/s²

Rev J (2022-05)