

DATE: 2023-10-18

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

S/N: R3772

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0001	0.9996
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9997	1.0010
30.00	0.9995	0.9992	1.0021
40.00	0.9991	0.9986	1.0030
50.00	0.9987	0.9979	1.0034
60.00	0.9984	0.9971	1.0031
70.00	0.9984	0.9966	1.0024
80.00	0.9988	0.9964	1.0018
90.00	1.0000	0.9969	1.0018
100.00	1.0023	0.9982	1.0030
120.00	1.0120	1.0054	1.0118
140.00	1.0321	1.0209	1.0337
160.00	1.0600	1.10415	1.0655

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.12%	0.84%	0.56%

* g = 9.80 m/s²

Rev J (2022-05)