

DATE: 2023-10-17

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

S/N: R3770

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	1.0002	1.0000
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9994	0.9999
30.00	0.9989	0.9984	0.9996
40.00	0.9980	0.9972	0.9991
50.00	0.9969	0.9960	0.9984
60.00	0.9958	0.9949	0.9976
70.00	0.9948	0.9943	0.9968
80.00	0.9941	0.9942	0.9963
90.00	0.9941	0.9951	0.9965
100.00	0.9950	0.9973	0.9977
120.00	1.0014	1.0066	0.1.0053
140.00	1.0172	1.0244	1.0229
160.00	1.0399	1.0451	1.0460

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)	0.20%	0.32%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)