

DATE: 2023-12-07

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

S/N: R3779

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0040
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9988	0.9988
30.00	0.9975	0.9971	0.9971
40.00	0.9957	0.9950	0.9950
50.00	0.9940	0.9931	0.9929
60.00	0.9927	0.9915	0.9912
70.00	0.9923	0.9909	0.9905
80.00	0.9931	0.9917	0.9911
90.00	0.9957	0.9944	0.9936
100.00	1.0040	0.9993	0.9984
120.00	1.0188	1.0182	1.0173
140.00	1.0524	1.0516	1.0525
160.00	1.0944	1.0907	1.0948

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.56%	0.44%	0.36%

* g = 9.80 m/s²

Rev J (2022-05)