

DATE: 2023-10-25

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

S/N: R3771

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	1.0002	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9995	0.9998
30.00	0.9986	0.9987	0.9996
40.00	0.9976	0.9977	0.9992
50.00	0.9967	0.9965	0.9988
60.00	0.9962	0.9953	0.9984
70.00	0.9962	0.9944	0.9983
80.00	0.9971	0.9939	0.9986
90.00	0.9991	0.9944	0.9996
100.00	1.0025	0.9962	1.0017
120.00	1.0143	1.0063	1.0107
140.00	1.0335	1.0290	1.0295
160.00	1.0527	1.0609	1.0546

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)	0.76%	0.28%	0.60%

* g = 9.80 m/s²

Rev J (2022-05)