

DATE: 2023-12-28

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

S/N: R3793

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	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9988	0.9991
30.00	0.9982	0.9969	0.9977
40.00	0.9970	0.9947	0.9961
50.00	0.9960	0.9927	0.9946
60.00	0.9956	0.9911	0.9935
70.00	0.9961	0.9905	0.9932
80.00	0.9981	0.9913	0.9941
90.00	1.0017	0.9940	0.9965
100.00	1.0073	0.9990	1.0009
120.00	1.0263	1.0176	1.0168
140.00	1.0569	1.0500	1.0444
160.00	1.0890	1.0876	1.0760

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)	0.40%	0.12%	0.56%

* g = 9.80 m/s²

Rev J (2022-05)