

DATE: 2023-12-21

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

S/N: R3791

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9988	0.9988
30.00	0.9978	0.9970	0.9972
40.00	0.9961	0.9949	0.9953
50.00	0.9943	0.9929	0.9937
60.00	0.9927	0.9913	0.9927
70.00	0.9915	0.9907	0.9926
80.00	0.9912	0.9914	0.9940
90.00	0.9921	0.9938	0.9969
100.00	0.9946	0.9984	1.0017
120.00	1.0065	1.0153	1.0187
140.00	1.0300	1.0440	1.0473
160.00	1.0588	1.0749	1.0793

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)	0.16%	0.40%	0.16%

* g = 9.80 m/s²

Rev J (2022-05)