

DATE: 2024-05-31

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

S/N: R3814

P/N: R-180-S002

DAS: 34071

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	0.9989	0.9988
30.00	0.9978	0.9973	0.9971
40.00	0.9963	0.9954	0.9950
50.00	0.9950	0.9936	0.9930
60.00	0.9939	0.9921	0.9915
70.00	0.9937	0.9916	0.9908
80.00	0.9947	0.9923	0.9915
90.00	0.9972	0.9947	0.9939
100.00	1.0017	0.9992	0.9984
120.00	1.0179	1.0161	1.0156
140.00	1.0456	1.0454	1.0450
160.00	1.0763	1.0773	1.0762

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.68%	0.60%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)