

DATE: 2024-02-28

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

S/N: R3813

P/N: R-180-S002

DAS: 34069

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0011
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9990	0.9978
30.00	0.9971	0.9975	0.9956
40.00	0.9951	0.9958	0.9939
50.00	0.9933	0.9944	0.9926
60.00	0.9920	0.9937	0.9919
70.00	0.9915	0.9939	0.9921
80.00	0.9924	0.9958	0.9934
90.00	0.9947	0.9994	0.9963
100.00	0.9987	1.0051	1.0009
120.00	1.0135	1.0247	1.0173
140.00	1.0389	1.0564	1.0450
160.00	1.0686	1.0896	1.0747

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)	0.76%	0.64%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)