

DATE: 2024-09-12

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

S/N: R3837

P/N: R-180-S002

DAS: 34083

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9985	0.9988
30.00	0.9976	0.9964	0.9970
40.00	0.9960	0.9940	0.9951
50.00	0.9946	0.9921	0.9935
60.00	0.9937	0.9910	0.9926
70.00	0.9937	0.9912	0.9929
80.00	0.9949	0.9933	0.9949
90.00	0.9976	0.9972	0.9985
100.00	1.0019	1.0032	1.0040
120.00	1.0166	1.0218	1.0215
140.00	1.0402	1.0485	1.0475
160.00	1.0648	1.0742	1.0742

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)	0.20%	0.72%	0.76%

* g = 9.80 m/s²

Rev K (2024-01)