

DATE: 2024-08-12

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

S/N: R3835

P/N: R-180-S002

DAS: 34081

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0005	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9987	0.9984
30.00	0.9973	0.9968	0.9964
40.00	0.9956	0.9949	0.9945
50.00	0.9941	0.9933	0.9934
60.00	0.9933	0.9925	0.9930
70.00	0.9935	0.9929	0.9937
80.00	0.9952	0.9948	0.9958
90.00	0.9985	0.9984	0.9991
100.00	1.0037	1.0038	1.0040
120.00	1.0213	1.0214	1.0197
140.00	1.0487	1.0489	1.0447
160.00	1.0773	1.0780	1.0709

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.04%	0.40%	0.60%

* g = 9.80 m/s²

Rev K (2024-01)