

DATE: 2024-08-12

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

S/N: R3836

P/N: R-180-S002

DAS: 34082

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9992
30.00	0.9976	0.9978	0.9980
40.00	0.9960	0.9963	0.9967
50.00	0.9944	0.9949	0.9955
60.00	0.9932	0.9941	0.9948
70.00	0.9927	0.9942	0.9950
80.00	0.9935	0.9957	0.9964
90.00	0.9956	0.9988	0.9992
100.00	0.9995	1.0040	1.0039
120.00	1.0142	1.0218	1.0201
140.00	1.0388	1.0503	1.0468
160.00	1.0656	1.0791	1.0771

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)	0.12%	0.76%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)