

DATE: 2024-07-24

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

S/N: R3828

P/N: R-180-S002

DAS: 3407A

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	0.9990	0.9993	0.9992
30.00	0.9975	0.9982	0.9980
40.00	0.9957	0.9970	0.9966
50.00	0.9939	0.9960	0.9952
60.00	0.9924	0.9955	0.9941
70.00	0.9918	0.9958	0.9935
80.00	0.9922	0.9974	0.9939
90.00	0.9942	1.0004	0.9956
100.00	0.9981	1.0054	0.9987
120.00	1.0136	1.0224	1.0113
140.00	1.0420	1.0497	1.0335
160.00	1.0760	1.0774	1.0585

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)	0.24%	0.12%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)