

DATE: 2024-09-17

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

S/N: R3845

P/N: R-180-S002

DAS: 3408B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0004	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9990	0.9993
30.00	0.9992	0.9975	0.9984
40.00	0.9987	0.9958	0.9975
50.00	0.9984	0.9945	0.9968
60.00	0.9984	0.9937	0.9967
70.00	0.9991	0.9939	0.9975
80.00	1.0007	0.9957	0.9996
90.00	1.0036	0.9990	1.0031
100.00	1.0081	1.0043	1.0082
120.00	1.0237	1.0219	1.0248
140.00	1.0503	1.0496	1.0502
160.00	1.0809	1.0784	1.0761

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.52%	0.72%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)