

DATE: 2024-09-20

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

S/N: R3865

P/N: R-180-S002

DAS: 3409E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0005	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9985	0.9987	0.9985
30.00	0.9966	0.9969	0.9966
40.00	0.9952	0.9948	0.9946
50.00	0.9942	0.9931	0.9931
60.00	0.9943	0.9920	0.9924
70.00	0.9948	0.9921	0.9927
80.00	0.9971	0.9939	0.9945
90.00	1.0002	0.9974	0.9977
100.00	1.0059	1.0030	1.0028
120.00	1.0236	1.0212	1.0199
140.00	1.0522	1.0484	1.0477
160.00	1.0853	1.0739	1.0770

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)	0.08%	0.04%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)