

DATE: 2024-09-26

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

S/N: R3846

P/N: R-180-S002

DAS: 3409C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0008	1.0008
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9985	0.9985
30.00	0.9974	0.9971	0.9972
40.00	0.9959	0.9962	0.9961
50.00	0.9947	0.9950	0.9953
60.00	0.9943	0.9958	0.9949
70.00	0.9950	0.9966	0.9953
80.00	0.9974	0.9986	0.9967
90.00	1.0016	1.0018	0.9993
100.00	1.0077	1.0068	1.0036
120.00	1.0269	1.0236	1.0191
140.00	1.0552	1.0518	1.0467
160.00	1.0821	1.0840	1.0800

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.20%	0.20%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)