

DATE: 2024-08-12

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

S/N: R3823

P/N: R-180-S002

DAS: 34075

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9994	0.9993
30.00	0.9975	0.9985	0.9984
40.00	0.9958	0.9975	0.9973
50.00	0.9942	0.9967	0.9963
60.00	0.9931	0.9963	0.9956
70.00	0.9930	0.9967	0.9957
80.00	0.9944	0.9983	0.9968
90.00	0.9976	1.0012	0.9992
100.00	1.0030	1.0059	1.0032
120.00	1.0224	1.0220	1.0176
140.00	1.0551	1.0482	1.0419
160.00	1.0895	1.0759	1.0691

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)	0.08%	0.36%	0.28%

* g = 9.80 m/s²

Rev K (2024-01)