

DATE: 2024-09-18

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

S/N: R3857

P/N: R-180-S002

DAS: 34097

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9987	0.9990
30.00	0.9979	0.9968	0.9974
40.00	0.9965	0.9947	0.9957
50.00	0.9953	0.9928	0.9940
60.00	0.9946	0.9916	0.9927
70.00	0.9949	0.9917	0.9922
80.00	0.9965	0.9936	0.9931
90.00	0.9998	0.9976	0.9954
100.00	1.0049	1.0039	0.9996
120.00	1.0227	1.0244	1.0149
140.00	1.0515	1.0532	1.0396
160.00	1.0823	1.0746	1.0635

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.60%	0.16%	0.56%

* g = 9.80 m/s²

Rev K (2024-01)