

DATE: 2023-10-25

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

S/N: R3777

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9991	0.9994
30.00	0.9980	0.9979	0.9985
40.00	0.9967	0.9964	0.9974
50.00	0.9954	0.9951	0.9966
60.00	0.9946	0.9942	0.9961
70.00	0.9945	0.9942	0.9964
80.00	0.9956	0.9954	0.9978
90.00	0.9981	0.9982	1.0005
100.00	1.0024	0.1.0030	1.0047
120.00	1.0176	1.0199	1.0190
140.00	1.0430	1.0488	1.0409
160.00	1.0709	1.0787	1.0609

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)	0.60%	0.76%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)