

DATE: 2023-02-28

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

S/N: R3757

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0006
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9991	0.9984
30.00	0.9987	0.9977	0.9962
40.00	0.9979	0.9959	0.9940
50.00	0.9972	0.9942	0.9923
60.00	0.9970	0.9927	0.9914
70.00	0.9975	0.9918	0.9916
80.00	0.9990	0.9918	0.9931
90.00	1.0018	0.9931	0.9959
100.00	1.0063	0.9960	1.0003
120.00	1.0215	1.0085	1.0150
140.00	1.0471	1.0328	1.0396
160.00	1.0766	1.0647	1.0678

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)	0.52%	0.12%	0.28%

* g = 9.80 m/s²

Rev J (2022-05)