

DATE: 2022-06-22

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

S/N: R3724

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9995	0.9995
30.00	0.9993	0.9989	0.9986
40.00	0.9986	0.9981	0.9974
50.00	0.9977	0.9976	0.9959
60.00	0.9968	0.9974	0.9944
70.00	0.9961	0.9979	0.9932
80.00	0.9957	0.9994	0.9926
90.00	0.9962	1.0021	0.9931
100.00	0.9978	1.0061	0.9953
120.00	1.0064	1.0195	1.0072
140.00	1.0232	1.0385	1.0323
160.00	1.0399	1.0518	1.0625

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.12%	0.68%	0.84%

* g = 9.80 m/s²

Rev J (2022-05)