

DATE: 2023-03-27

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

S/N: R3764

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	0.9993	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9995	1.0015	0.9994
30.00	0.9988	1.0026	0.9985
40.00	0.9980	1.0030	0.9973
50.00	0.9972	1.0025	0.9961
60.00	0.9966	1.0015	0.9949
70.00	0.9964	1.0002	0.9940
80.00	0.9969	0.9990	0.9936
90.00	0.9983	0.9983	0.9940
100.00	1.0011	0.9985	0.9954
120.00	1.0118	1.0030	1.0024
140.00	1.0316	1.0160	1.0171
160.00	1.0551	1.0349	1.0359

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.56%	0.80%	0.64%

* g = 9.80 m/s²

Rev J (2022-05)