

DATE: 2022-10-07

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

S/N: R3735

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0000	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	1.0000	0.9995	0.9995
30.00	1.0001	0.9989	0.9986
40.00	1.0002	0.9981	0.9976
50.00	1.0004	0.9974	0.9966
60.00	1.0008	0.9970	0.9957
70.00	1.0014	0.9971	0.9954
80.00	1.0026	0.9980	0.9959
90.00	1.0044	1.0000	0.9976
100.00	1.0072	1.0035	1.0010
120.00	1.0168	1.0163	1.0143
140.00	1.0344	1.0386	1.0383
160.00	1.0562	1.0639	1.0643

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)	0.80%	0.16%	0.76%

* g = 9.80 m/s²

Rev J (2022-05)