

DATE: 2022-11-03

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

S/N: R3745

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	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9995	0.9993
30.00	0.9989	0.9988	0.9982
40.00	0.9982	0.9979	0.9969
50.00	0.9976	0.9969	0.9955
60.00	0.9973	0.9959	0.9943
70.00	0.9975	0.9953	0.9935
80.00	0.9986	0.9952	0.9934
90.00	1.0008	0.9959	0.9944
100.00	1.0042	0.9979	0.9967
120.00	1.0164	1.0073	1.0066
140.00	1.0358	1.0270	1.0257
160.00	1.0541	1.0527	1.0489

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)	0.52%	0.12%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)