

DATE: 2023-12-28

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

S/N: R3744

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9990	0.9990
30.00	0.9968	0.9976	0.9975
40.00	0.9945	0.9960	0.9959
50.00	0.9925	0.9946	0.9944
60.00	0.9909	0.9936	0.9936
70.00	0.9904	0.9935	0.9938
80.00	0.9915	0.9949	0.9957
90.00	0.9946	0.9980	0.9995
100.00	1.0000	1.0032	1.0057
120.00	1.0201	1.0222	1.0270
140.00	1.0552	1.0546	1.0618
160.00	1.0970	1.0911	1.0958

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)	0.12%	0.20%	0.04%

* g = 9.80 m/s²

Rev J (2022-05)