

DATE: 2022-07-14

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

S/N: R3728

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	1.0000
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9995	0.9999
30.00	0.9989	0.9988	0.9998
40.00	0.9980	0.9980	0.9996
50.00	0.9970	0.9970	0.9995
60.00	0.9961	0.9961	0.9993
70.00	0.9953	0.9956	0.9996
80.00	0.9950	0.9955	1.0004
90.00	0.9954	0.9963	1.0004
100.00	0.9967	0.9981	1.0019
120.00	1.0041	1.0065	1.0084
140.00	1.0200	1.0233	1.0219
160.00	1.0408	1.0437	1.0400

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.52%	0.76%	0.56%

* g = 9.80 m/s²

Rev J (2022-05)