

DATE: 2023-02-28

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

S/N: R3755

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	0.9997	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	1.0007	0.9995
30.00	0.9989	1.0012	0.9989
40.00	0.9980	1.0011	0.9981
50.00	0.9972	1.0004	0.9975
60.00	0.9964	0.9991	0.9973
70.00	0.9961	0.9976	0.9976
80.00	0.9964	0.9964	0.9989
90.00	0.9976	0.9962	1.0012
100.00	1.0000	0.9973	1.0051
120.00	1.0101	1.0061	1.0184
140.00	1.0291	1.0271	1.0401
160.00	1.0512	1.0567	1.0620

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.84%	0.16%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)