

DATE: 2025-07-24

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

S/N: R3909

P/N: R-180-S002

DAS: 3412B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9989	0.9988
30.00	0.9977	0.9973	0.9969
40.00	0.9962	0.9955	0.9948
50.00	0.9947	0.9938	0.9928
60.00	0.9937	0.9926	0.9913
70.00	0.9935	0.9924	0.9906
80.00	0.9946	0.9936	0.9911
90.00	0.9973	0.9965	0.9932
100.00	1.0019	1.0016	0.9970
120.00	1.0186	1.0196	1.0114
140.00	1.0471	1.0493	1.0367
160.00	1.0788	1.0810	1.0667

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.20%	0.16%	0.12%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)