

DATE: 2025-07-22

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

S/N: R3910

P/N: R-180-S002

DAS: 3412C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0001	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9996	0.9988
30.00	0.9969	0.9991	0.9972
40.00	0.9948	0.9985	0.9955
50.00	0.9928	0.9982	0.9941
60.00	0.9913	0.9982	0.9933
70.00	0.9907	0.9989	0.9936
80.00	0.9916	1.0007	0.9953
90.00	0.9942	1.0037	0.9984
100.00	0.9990	1.0082	1.0033
120.00	1.0163	1.0238	1.0195
140.00	1.0444	1.0497	1.0455
160.00	1.0731	1.0787	1.0739

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)	0.44%	0.28%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)