

DATE: 2025-07-24

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

S/N: R3911

P/N: R-180-S002

DAS: 3412D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9995	0.9991
30.00	0.9978	0.9987	0.9977
40.00	0.9963	0.9979	0.9962
50.00	0.9949	0.9972	0.9948
60.00	0.9937	0.9968	0.9938
70.00	0.9934	0.9971	0.9937
80.00	0.9941	0.9984	0.9948
90.00	0.9964	1.0009	0.9972
100.00	1.0005	1.0051	1.0013
120.00	1.0164	1.0199	1.0158
140.00	1.0454	1.0462	1.0394
160.00	1.0815	1.0786	1.0649

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.28%	0.72%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)