

DATE: 2025-07-22

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

S/N: R3908

P/N: R-180-S002

DAS: 3412A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9990
30.00	0.9978	0.9979	0.9976
40.00	0.9963	0.9965	0.9959
50.00	0.9949	0.9952	0.9944
60.00	0.9940	0.9945	0.9934
70.00	0.9939	0.9946	0.9932
80.00	0.9952	0.9962	0.9944
90.00	0.9982	0.9995	0.9973
100.00	1.0031	1.0048	1.0023
120.00	1.0209	1.0237	1.0202
140.00	1.0502	1.0546	1.0499
160.00	1.0811	1.0784	1.0811

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.24%	0.36%	0.20%

* g = 9.80 m/s²

Rev K (2024-01)