

DATE: 2025-08-15

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

S/N: R3932

P/N: R-180-S002

DAS: 34142

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0006	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9984	0.9992
30.00	0.9972	0.9963	0.9979
40.00	0.9955	0.9942	0.9964
50.00	0.9942	0.9927	0.9950
60.00	0.9939	0.9922	0.9939
70.00	0.9949	0.9930	0.9935
80.00	0.9977	0.9955	0.9943
90.00	1.0023	0.9998	0.9964
100.00	1.0091	1.0062	1.0004
120.00	1.0301	1.0261	1.0158
140.00	1.0603	1.0551	1.0433
160.00	1.0871	1.0800	1.0759

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%	0.04%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)