

DATE: 2025-08-15

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

S/N: R3931

P/N: R-180-S002

DAS: 34141

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0030
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9992	0.9992
30.00	0.9980	0.9981	0.9981
40.00	0.9966	0.9968	0.9968
50.00	0.9954	0.9956	0.9957
60.00	0.9945	0.9948	0.9949
70.00	0.9943	0.9947	0.9949
80.00	0.9953	0.9957	0.9960
90.00	0.9976	0.9980	0.9984
100.00	1.0017	1.0020	1.0026
120.00	1.0166	1.0166	1.0171
140.00	1.0421	1.0412	1.0408
160.00	1.0713	1.0677	1.0656

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.04%	0.00%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)