

DATE: 2025-07-22

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

S/N: R3905

P/N: R-180-S002

DAS: 34127

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0006	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9985	0.9992	0.9989
30.00	0.9967	0.9979	0.9974
40.00	0.9950	0.9966	0.9961
50.00	0.9939	0.9954	0.9953
60.00	0.9937	0.9947	0.9954
70.00	0.9946	0.9949	0.9967
80.00	0.9969	0.9965	0.9995
90.00	1.0008	0.9998	1.0037
100.00	1.0065	1.0051	1.0097
120.00	1.0249	1.0238	1.0280
140.00	1.0537	1.0541	1.0562
160.00	1.0828	1.0849	1.0863

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.32%	0.12%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)