

DATE: 2025-07-22

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

S/N: R3907

P/N: R-180-S002

DAS: 34129

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9995	0.9992
30.00	0.9995	0.9987	0.9981
40.00	0.9992	0.9980	0.9969
50.00	0.9989	0.9975	0.9960
60.00	0.9988	0.9976	0.9955
70.00	0.9990	0.9983	0.9958
80.00	1.0000	1.0002	0.9972
90.00	1.0019	1.0033	0.9997
100.00	1.0052	1.0079	1.0037
120.00	1.0179	1.0232	1.0175
140.00	1.0422	1.0489	1.0413
160.00	1.0734	1.0784	1.0693

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)	0.12%	0.24%	0.52%

* g = 9.80 m/s²

Rev K (2024-01)