

DATE: 2025-07-22

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

S/N: R3906

P/N: R-180-S002

DAS: 34128

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9993	0.9994
30.00	0.9968	0.9984	0.9987
40.00	0.9946	0.9973	0.9978
50.00	0.9927	0.9965	0.9972
60.00	0.9912	0.9961	0.9970
70.00	0.9910	0.9965	0.9977
80.00	0.9924	0.9982	0.9996
90.00	0.9958	1.0014	1.0029
100.00	1.0016	1.0063	1.0081
120.00	1.0216	1.0234	1.0261
140.00	1.0516	1.0516	1.0569
160.00	1.0760	1.0833	1.0940

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)	0.76%	0.28%	0.40%

* g = 9.80 m/s²

Rev K (2024-01)