

DATE: 2025-01-28

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

S/N: R3894

P/N: R-180-S002

DAS: 3411C

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	0.9997	0.9994	0.9991
30.00	0.9992	0.9986	0.9976
40.00	0.9984	0.9976	0.9960
50.00	0.9974	0.9967	0.9944
60.00	0.9965	0.9960	0.9931
70.00	0.9959	0.9960	0.9926
80.00	0.9959	0.9970	0.9932
90.00	0.9970	0.9992	0.9953
100.00	0.9995	1.0031	0.9992
120.00	1.0107	1.0176	1.0144
140.00	1.0324	1.0438	1.0417
160.00	1.0589	1.0751	1.0753

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.44%	0.24%	0.04%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)