

DATE: 2024-10-30

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

S/N: R3878

P/N: R-180-S002

DAS: 3410C

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0000	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9998	0.9986
30.00	0.9978	0.9994	0.9965
40.00	0.9965	0.9988	0.9942
50.00	0.9955	0.9980	0.9923
60.00	0.9952	0.9975	0.9910
70.00	0.9960	0.9973	0.9909
80.00	0.9983	0.9980	0.9924
90.00	1.0022	0.9997	0.9954
100.00	1.0081	1.0029	1.0004
120.00	1.0272	1.0154	1.0173
140.00	1.0566	1.0390	1.0442
160.00	1.0864	1.0688	1.0730

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.20%	0.32%	0.36%

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

Rev K (2024-01)