

DATE: 2025-12-01

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

S/N: R3936

P/N: R-97499-CM

DAS: 34146

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9993	0.9988
30.00	0.9975	0.9982	0.9971
40.00	0.9959	0.9970	0.9951
50.00	0.9947	0.9960	0.9933
60.00	0.9941	0.9956	0.9921
70.00	0.9947	0.9961	0.9919
80.00	0.9971	0.9980	0.9934
90.00	1.0015	1.0015	0.9967
100.00	1.0083	1.0070	1.0024
120.00	1.0307	1.0257	1.0222
140.00	1.0651	1.0560	1.0539
160.00	1.0984	1.0880	1.0850

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)	0.52%	0.56%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)