

DATE: 2025-12-03

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

S/N: R3954

P/N: R-97499-CM

DAS: 34158

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0005	1.0004	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9988	0.9986
30.00	0.9967	0.9970	0.9966
40.00	0.9944	0.9950	0.9944
50.00	0.9922	0.9932	0.9924
60.00	0.9906	0.9920	0.9911
70.00	0.9901	0.9920	0.9911
80.00	0.9912	0.9935	0.9930
90.00	0.9943	0.9970	0.9970
100.00	0.9998	1.0029	1.0034
120.00	1.0195	1.0233	1.0252
140.00	1.0516	1.0558	1.0581
160.00	1.0836	1.0885	1.0882

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.04%	0.36%	0.16%

* g = 9.80 m/s²

Rev K (2024-01)