

DATE: 2025-12-03

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

S/N: R3955

P/N: R-97499-CM

DAS: 34159

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0006	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9983	0.9991	0.9989
30.00	0.9959	0.9978	0.9973
40.00	0.9935	0.9963	0.9955
50.00	0.9917	0.9948	0.9941
60.00	0.9910	0.9937	0.9933
70.00	0.9917	0.9933	0.9936
80.00	0.9943	0.9940	0.9957
90.00	0.9987	0.9961	0.9997
100.00	1.0051	0.9998	1.0059
120.00	1.0246	1.0139	1.0260
140.00	1.0523	1.0378	1.0547
160.00	1.0764	1.0641	1.0774

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.24%	0.16%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)