

DATE: 2025-12-03

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

S/N: R3953

P/N: R-97499-CM

DAS: 34157

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9989	0.9988
30.00	0.9985	0.9974	0.9970
40.00	0.9975	0.9955	0.9948
50.00	0.9967	0.9937	0.9927
60.00	0.9963	0.9923	0.9910
70.00	0.9968	0.9918	0.9901
80.00	0.9986	0.9926	0.9906
90.00	1.0019	0.9951	0.9929
100.00	1.0072	0.9996	0.9972
120.00	1.0253	1.0165	1.0144
140.00	1.0549	1.0456	1.0451
160.00	1.0855	1.0770	1.0803

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)	0.20%	0.24%	0.28%

* g = 9.80 m/s²

Rev K (2024-01)