

DATE: 2025-12-04

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

S/N: R3952

P/N: R-97499-CM

DAS: 34156

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9989	0.9996
30.00	0.9975	0.9972	0.9990
40.00	0.9958	0.9953	0.9983
50.00	0.9942	0.9934	0.9978
60.00	0.9931	0.9919	0.9975
70.00	0.9928	0.9912	0.9977
80.00	0.9940	0.9919	0.9988
90.00	0.9967	0.9942	1.0008
100.00	1.0016	0.9986	1.0043
120.00	1.0191	1.0157	1.0169
140.00	1.0489	1.0466	1.0402
160.00	1.0820	1.0846	1.0706

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)	0.36%	0.88%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)