

DATE: 2025-12-03

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

S/N: R3949

P/N: R-97499-CM

DAS: 34153

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9991	0.9993
30.00	0.9980	0.9978	0.9982
40.00	0.9966	0.9963	0.9968
50.00	0.9953	0.9947	0.9955
60.00	0.9945	0.9934	0.9943
70.00	0.9944	0.9927	0.9936
80.00	0.9956	0.9930	0.9937
90.00	0.9982	0.9945	0.9950
100.00	1.0026	0.9977	0.9978
120.00	1.0185	1.0106	1.0098
140.00	1.0463	1.0348	1.0335
160.00	1.0799	1.0645	1.0643

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.60%	0.64%	0.20%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)