

DATE: 2025-12-04

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

S/N: R3950

P/N: R-97499-CM

DAS: 34154

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0000	1.0002	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9999	0.9994	0.9988
30.00	0.9997	0.9984	0.9970
40.00	0.9994	0.9974	0.9949
50.00	0.9993	0.9966	0.9928
60.00	0.9993	0.9963	0.9910
70.00	0.9996	0.9966	0.9901
80.00	1.0005	0.9982	0.9904
90.00	1.0022	1.0009	0.9922
100.00	1.0051	1.0054	0.9960
120.00	1.0165	1.0205	1.0110
140.00	1.0394	1.0455	1.0367
160.00	1.0717	1.0724	1.0645

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.16%	0.20%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)