

DATE: 2025-01-28

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

S/N: R3892

P/N: R-180-S002

DAS: 3411A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9992	0.9992
30.00	0.9983	0.9981	0.9980
40.00	0.9971	0.9969	0.9966
50.00	0.9961	0.9958	0.9955
60.00	0.9955	0.9952	0.9948
70.00	0.9957	0.9955	0.9949
80.00	0.9971	0.9971	0.9965
90.00	0.9999	1.0002	0.9997
100.00	1.0046	1.0054	1.0049
120.00	1.0209	1.0235	1.0235
140.00	1.0478	1.0535	1.0545
160.00	1.0763	1.0862	1.0883

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.44%	0.24%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)