

DATE: 2024-03-28

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

S/N: R3816

P/N: R-180-S002

DAS: 34073

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9992	0.9989
30.00	0.9985	0.9979	0.9972
40.00	0.9975	0.9965	0.9953
50.00	0.9966	0.9953	0.9934
60.00	0.9962	0.9946	0.9921
70.00	0.9966	0.9947	0.9917
80.00	0.9982	0.9962	0.9927
90.00	1.0013	0.9992	0.9953
100.00	1.0062	1.0042	0.9999
120.00	1.0239	1.0213	1.0166
140.00	1.0546	1.0488	1.0435
160.00	1.0912	1.0766	1.0707

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.68%	0.20%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)