

DATE: 2024-08-12

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

S/N: R3831

P/N: R-180-S002

DAS: 3407D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0011	1.0007	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9982	0.9988
30.00	0.9975	0.9962	0.9971
40.00	0.9959	0.9945	0.9952
50.00	0.9945	0.9934	0.9933
60.00	0.9934	0.9930	0.9919
70.00	0.9931	0.9935	0.9914
80.00	0.9941	0.9953	0.9920
90.00	0.9966	0.9985	0.9941
100.00	1.0011	1.0034	0.9979
120.00	1.0179	1.0199	1.0129
140.00	1.0467	1.0474	1.0398
160.00	1.0787	1.0784	1.0721

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.52%	0.48%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)