

DATE: 2024-08-12

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

S/N: R3832

P/N: R-180-S002

DAS: 3407E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0013	1.0010	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9977	0.9982	0.9988
30.00	0.9959	0.9965	0.9971
40.00	0.9946	0.9952	0.9953
50.00	0.9939	0.9943	0.9940
60.00	0.9938	0.9940	0.9934
70.00	0.9947	0.9945	0.9941
80.00	0.9970	0.9962	0.9964
90.00	1.0008	0.9994	1.0006
100.00	1.0065	1.0044	1.0067
120.00	1.0258	1.0217	1.0266
140.00	1.0567	1.0508	1.0576
160.00	1.0890	1.0830	1.0908

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.08%	0.08%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)