

DATE: 2024-06-05

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

S/N: R3815

P/N: R-180-S002

DAS: 3406A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9990	0.9991
30.00	0.9985	0.9975	0.9979
40.00	0.9976	0.9957	0.9965
50.00	0.9968	0.9940	0.9952
60.00	0.9964	0.9928	0.9944
70.00	0.9968	0.9926	0.9944
80.00	0.9983	0.9937	0.9958
90.00	1.0011	0.9966	0.9988
100.00	1.0056	1.0017	1.0038
120.00	1.0211	1.0204	1.0218
140.00	1.0460	1.0525	1.0516
160.00	1.0715	1.0882	1.0837

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.76%	0.20%	0.24%

* g = 9.80 m/s²

Rev K (2024-01)