

DATE: 2024-02-27

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

S/N: R3807

P/N: R-180-S002

DAS: 3406E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0002	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9994	0.9996
30.00	0.9982	0.9987	0.9990
40.00	0.9969	0.9978	0.9983
50.00	0.9959	0.9971	0.9979
60.00	0.9954	0.9968	0.9978
70.00	0.9956	0.9973	0.9983
80.00	0.9972	0.9990	0.9999
90.00	1.0002	1.0020	1.0027
100.00	1.0051	1.0069	1.0071
120.00	1.0216	1.0242	1.0224
140.00	1.0474	1.0538	1.0484
160.00	1.0726	1.0882	1.0782

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.24%	0.24%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)