

DATE: 2024-09-17

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

S/N: R3844

P/N: R-180-S002

DAS: 3408A

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9993	0.9994
30.00	0.9982	0.9982	0.9985
40.00	0.9971	0.9969	0.9975
50.00	0.9961	0.9958	0.9969
60.00	0.9955	0.9952	0.9968
70.00	0.9958	0.9954	0.9976
80.00	0.9974	0.9968	0.9998
90.00	1.0004	0.9997	1.0036
100.00	1.0052	1.0045	1.0092
120.00	1.0218	1.0212	1.0272
140.00	1.0481	1.0485	1.0530
160.00	1.0738	1.0768	1.0731

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)	0.24%	0.40%	0.56%

* g = 9.80 m/s²

Rev K (2024-01)