

DATE: 2024-10-30

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

S/N: R3882

P/N: R-180-S002

DAS: 34110

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0006	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9983	0.9995
30.00	0.9992	0.9959	0.9987
40.00	0.9986	0.9933	0.9978
50.00	0.9981	0.9913	0.9970
60.00	0.9979	0.9903	0.9966
70.00	0.9982	0.9909	0.9968
80.00	0.9993	0.9935	0.9981
90.00	1.0013	0.9982	1.0006
100.00	1.0048	1.0052	1.0048
120.00	1.0174	1.0263	1.0200
140.00	1.0398	1.0536	1.0464
160.00	1.0664	1.0718	1.0772

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)	0.44%	0.36%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)