

DATE: 2024-02-29

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

S/N: R3810

P/N: R-180-S002

DAS: 34067

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9989	0.9988
30.00	0.9977	0.9971	0.9970
40.00	0.9961	0.9951	0.9948
50.00	0.9946	0.9931	0.9929
60.00	0.9934	0.9916	0.9915
70.00	0.9930	0.9909	0.9911
80.00	0.9939	0.9915	0.9923
90.00	0.9963	0.9937	0.9955
100.00	1.0006	0.9980	1.0009
120.00	1.0172	1.0145	1.0208
140.00	1.0468	1.0425	1.0538
160.00	1.0815	1.0724	1.0893

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)	0.64%	0.60%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)