

DATE: 2024-02-23

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

S/N: R3805

P/N: R-180-S002

DAS: 34068

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9988	0.9992
30.00	0.9978	0.9970	0.9979
40.00	0.9963	0.9949	0.9965
50.00	0.9950	0.9929	0.9953
60.00	0.9943	0.9915	0.9946
70.00	0.9946	0.9911	0.9948
80.00	0.9963	0.9921	0.9964
90.00	0.9997	0.9950	0.9996
100.00	1.0052	1.0001	1.0047
120.00	1.0242	1.0186	1.0223
140.00	1.0549	1.0493	1.0506
160.00	1.0869	1.0822	1.0796

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)	0.84%	0.12%	0.08%

* g = 9.80 m/s²

Rev K (2024-01)