

DATE: 2024-09-17

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

S/N: R3848

P/N: R-180-S002

DAS: 3408E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0008	1.0001	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9983	0.9996	0.9991
30.00	0.9966	0.9990	0.9978
40.00	0.9953	0.9984	0.9963
50.00	0.9947	0.9978	0.9951
60.00	0.9949	0.9975	0.9944
70.00	0.9961	0.9976	0.9947
80.00	0.9987	0.9987	0.9963
90.00	1.0026	1.0008	0.9993
100.00	1.0082	1.0045	1.0041
120.00	1.0257	1.0180	1.0199
140.00	1.0517	1.0419	1.0449
160.00	1.0754	1.0695	1.0716

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.48%	0.00%	0.12%

* $g = 9.80 \text{ m/s}^2$

Rev K (2024-01)