

DATE: 2024-09-12

REF TEK 147A-01/3/INT/SMHR2 Accelerometer

S/N: R3841

P/N: R-180-S002

DAS: 34087

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0007
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9990	0.9991
30.00	0.9975	0.9975	0.9980
40.00	0.9959	0.9958	0.9967
50.00	0.9945	0.9942	0.9956
60.00	0.9937	0.9930	0.9948
70.00	0.9939	0.9927	0.9947
80.00	0.9956	0.9937	0.9957
90.00	0.9987	0.9963	0.9981
100.00	1.0037	1.0007	1.0023
120.00	1.0204	1.0161	1.0174
140.00	1.0465	1.0402	1.0432
160.00	1.0740	1.0625	1.0709

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)	0.20%	0.24%	0.60%

* g = 9.80 m/s²

Rev M (2024-06)