

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

S/N: R3978

DATE: 2026-05-06

DAS: 34170

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9992	0.9988
30.00	0.9973	0.9980	0.9972
40.00	0.9954	0.9966	0.9953
50.00	0.9938	0.9952	0.9937
60.00	0.9928	0.9942	0.9926
70.00	0.9928	0.9940	0.9926
80.00	0.9943	0.9948	0.9941
90.00	0.9976	0.9970	0.9972
100.00	1.0029	1.0009	1.0023
120.00	1.0207	1.0155	1.0198
140.00	1.0466	1.0404	1.0481
160.00	1.0681	1.0677	1.0784

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)	0.32%	0.08%	0.28%

* g = 9.80 m/s²