

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

S/N: R3992

DATE: 2026-05-06

DAS: 3417E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9991	0.9988
30.00	0.9977	0.9977	0.9970
40.00	0.9961	0.9961	0.9949
50.00	0.9947	0.9947	0.9929
60.00	0.9939	0.9939	0.9915
70.00	0.9940	0.9940	0.9910
80.00	0.9955	0.9955	0.9921
90.00	0.9988	0.9988	0.9951
100.00	1.0042	1.0042	1.0002
120.00	1.0231	1.0231	1.0186
140.00	1.0537	1.0537	1.0490
160.00	1.0852	1.0852	1.0812

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.251
Cross-axis Coupling (g/g)	0.16%	0.04%	0.16%

* g = 9.80 m/s²