

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

S/N: R3976

DATE: 2026-05-06

DAS: 3416E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9995	0.9994
30.00	0.9991	0.9988	0.9984
40.00	0.9986	0.9981	0.9973
50.00	0.9982	0.9977	0.9964
60.00	0.9984	0.9978	0.9959
70.00	0.9992	0.9987	0.9962
80.00	1.0012	1.0009	0.9977
90.00	1.0045	1.0045	1.0007
100.00	1.0095	1.0098	1.0056
120.00	1.0267	1.0279	1.0227
140.00	1.0561	1.0564	1.0517
160.00	1.0907	1.0854	1.0844

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.251
Cross-axis Coupling (g/g)	0.04%	0.04%	0.24%

* g = 9.80 m/s²