

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

**S/N: R4005**

**DATE: 2026-05-06**

**DAS: 3418B**

**NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS**

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0003	1.0005
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9992	0.9987
30.00	0.9974	0.9982	0.9968
40.00	0.9957	0.9970	0.9945
50.00	0.9942	0.9962	0.9924
60.00	0.9933	0.9959	0.9908
70.00	0.9934	0.9967	0.9904
80.00	0.9951	0.9989	0.9915
90.00	0.9987	1.0028	0.9947
100.00	1.0046	1.0088	1.0002
120.00	1.0249	1.0277	1.0202
140.00	1.0570	1.0549	1.0525
160.00	1.0887	1.0767	1.0843

**SENSITIVITIES**

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
<b>Output Sensitivity (V/g)</b>	1.251	1.251	1.250
<b>Cross-axis Coupling (g/g)</b>	0.28%	0.24%	0.28%

\* g = 9.80 m/s<sup>2</sup>