

DATE: 2025/5/8

REF TEK 147A-01/3 Accelerometer

S/N: 24859

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9986	0.9990
30.00	0.9971	0.9965	0.9975
40.00	0.9951	0.9941	0.9959
50.00	0.9934	0.9920	0.9945
60.00	0.9922	0.9904	0.9935
70.00	0.9919	0.9900	0.9935
80.00	0.9931	0.9912	0.9947
90.00	0.9959	0.9943	0.9973
100.00	1.0006	0.9997	1.0016
120.00	1.0176	1.0186	1.0163
140.00	1.0461	1.0498	1.0405
160.00	1.0777	1.0847	1.0675

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.501	2.501	2.499
Cross-axis Coupling (g/g)	0.36%	0.56%	0.72%

* g = 9.80 m/s²

Rev H (2020-04)