

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24838

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	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9988	0.9991
30.00	0.9973	0.9971	0.9977
40.00	0.9954	0.9950	0.9960
50.00	0.9937	0.9931	0.9944
60.00	0.9925	0.9915	0.9929
70.00	0.9922	0.9909	0.9921
80.00	0.9933	0.9915	0.9922
90.00	0.9959	0.9937	0.9936
100.00	1.0004	0.9978	0.9966
120.00	1.0160	1.0129	1.0091
140.00	1.0409	1.0379	1.0319
160.00	1.0672	1.0642	1.0587

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.499	2.501
Cross-axis Coupling (g/g)	0.12%	0.60%	0.36%

* g = 9.80 m/s²

Rev H (2020-04)