

DATE: 2025/5/23

REF TEK 147A-01/3 Accelerometer

S/N: 24835

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	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9988	0.9989
30.00	0.9972	0.9970	0.9971
40.00	0.9952	0.9949	0.9950
50.00	0.9933	0.9928	0.9929
60.00	0.9917	0.9911	0.9911
70.00	0.9910	0.9901	0.9900
80.00	0.9916	0.9905	0.9900
90.00	0.9938	0.9924	0.9915
100.00	0.9982	0.9965	0.9948
120.00	1.0147	1.0126	1.0085
140.00	1.0432	1.0414	1.0333
160.00	1.0739	1.0740	1.0611

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.500	2.500	2.501
Cross-axis Coupling (g/g)	0.16%	0.08%	0.16%

* g = 9.80 m/s²

Rev H (2020-04)