

DATE: 2025/5/21

REF TEK 147A-01/3 Accelerometer

S/N: 24848

P/N: R-97499-00

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9992	0.9991
30.00	0.9978	0.9980	0.9979
40.00	0.9964	0.9967	0.9963
50.00	0.9951	0.9955	0.9948
60.00	0.9942	0.9947	0.9936
70.00	0.9943	0.9946	0.9930
80.00	0.9958	0.9957	0.9935
90.00	0.9989	0.9983	0.9953
100.00	1.0041	1.0028	0.9988
120.00	1.0227	1.0190	1.0131
140.00	1.0546	1.0474	1.0405
160.00	1.0920	1.0816	1.0768

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	2.499	2.500	2.500
Cross-axis Coupling (g/g)	0.28%	0.80%	0.44%

* g = 9.80 m/s²

Rev H (2020-04)