

DATE: 2025-07-22

REF TEK 147A-01/3/INT/SM2 Accelerometer

S/N: R3912

P/N: R-180-S002

DAS: 3412E

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0002	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9996	0.9997
30.00	0.9974	0.9990	0.9992
40.00	0.9955	0.9983	0.9987
50.00	0.9938	0.9980	0.9983
60.00	0.9926	0.9980	0.9981
70.00	0.9922	0.9988	0.9984
80.00	0.9933	1.0008	0.9996
90.00	0.9960	1.0040	1.0020
100.00	1.0008	1.0090	1.0058
120.00	1.0187	1.0257	1.0199
140.00	1.0498	1.0537	1.0447
160.00	1.0862	1.0858	1.0730

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.12%	0.24%	0.64%

* g = 9.80 m/s²

Rev K (2024-01)