

DATE: 2025-01-28

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

S/N: R3895

P/N: R-180-S002

DAS: 3411D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9994	0.9992	0.9992
30.00	0.9984	0.9980	0.9981
40.00	0.9974	0.9967	0.9967
50.00	0.9964	0.9955	0.9953
60.00	0.9957	0.9946	0.9941
70.00	0.9955	0.9945	0.9935
80.00	0.9962	0.9955	0.9936
90.00	0.9980	0.9977	0.9949
100.00	1.0011	1.0015	0.9975
120.00	1.0128	1.0151	1.0085
140.00	1.0335	1.0379	1.0293
160.00	1.0584	1.0635	1.0551

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.250
Cross-axis Coupling (g/g)	0.40%	0.28%	0.32%

* g = 9.80 m/s²

Rev K (2024-01)