

DATE: 2025-08-25

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

S/N: R3927

P/N: R-180-S002

DAS: 3413D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0003	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9990	0.9988
30.00	0.9977	0.9976	0.9971
40.00	0.9961	0.9959	0.9952
50.00	0.9948	0.9944	0.9935
60.00	0.9939	0.9934	0.9923
70.00	0.9940	0.9933	0.9923
80.00	0.9955	0.9945	0.9938
90.00	0.9987	0.9974	0.9971
100.00	1.0041	1.0024	1.0027
120.00	1.0227	1.0200	1.0221
140.00	1.0526	1.0495	1.0534
160.00	1.0827	1.0817	1.0860

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)	0.20%	0.52%	0.44%

* g = 9.80 m/s²

Rev K (2024-01)