

DATE: 2025-08-25

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

S/N: R3925

P/N: R-180-S002

DAS: 3413B

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0004	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9989	0.9989
30.00	0.9977	0.9973	0.9974
40.00	0.9961	0.9955	0.9956
50.00	0.9949	0.9940	0.9941
60.00	0.9943	0.9930	0.9932
70.00	0.9947	0.9931	0.9934
80.00	0.9968	0.9949	0.9952
90.00	1.0007	0.9985	0.9988
100.00	1.0069	1.0044	1.0047
120.00	1.0276	1.0244	1.0244
140.00	1.0599	1.0560	1.0554
160.00	1.0917	1.0867	1.0868

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)	0.28%	0.16%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)