

DATE: 2025-08-25

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

S/N: R3929

P/N: R-180-S002

DAS: 3413F

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	0.9991	0.9990
30.00	0.9977	0.9977	0.9976
40.00	0.9963	0.9961	0.9959
50.00	0.9951	0.9946	0.9944
60.00	0.9945	0.9934	0.9932
70.00	0.9949	0.9930	0.9929
80.00	0.9970	0.9938	0.9938
90.00	1.0008	0.9961	0.9964
100.00	1.0068	1.0003	1.0011
120.00	1.0266	1.0159	1.0185
140.00	1.0574	1.0426	1.0487
160.00	1.0885	1.0717	1.0829

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.44%	0.04%

* g = 9.80 m/s²

Rev K (2024-01)