

DATE: 2024-10-30

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

S/N: R3879

P/N: R-180-S002

DAS: 3410D

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0001	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9990	0.9996	0.9992
30.00	0.9978	0.9989	0.9982
40.00	0.9965	0.9982	0.9971
50.00	0.9956	0.9975	0.9963
60.00	0.9955	0.9971	0.9961
70.00	0.9964	0.9971	0.9969
80.00	0.9988	0.9980	0.9992
90.00	1.0025	1.0001	1.0028
100.00	1.0081	1.0036	1.0081
120.00	1.0263	1.0174	1.0241
140.00	1.0562	1.0436	1.0460
160.00	1.0892	1.0778	1.0644

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)	0.12%	0.08%	0.68%

* g = 9.80 m/s²

Rev K (2024-01)