

DATE: 2024-01-10

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

S/N: R3804

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9996	0.9993	0.9995
30.00	0.9990	0.9982	0.9987
40.00	0.9983	0.9968	0.9977
50.00	0.9975	0.9953	0.9965
60.00	0.9969	0.9937	0.9954
70.00	0.9966	0.9925	0.9945
80.00	0.9967	0.9917	0.9941
90.00	0.9977	0.9918	0.9947
100.00	0.9996	0.9930	0.9966
120.00	1.0076	1.0002	1.0062
140.00	1.0222	1.0164	1.0264
160.00	1.0383	1.0384	1.0518

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)	0.36%	0.52%	0.04%

* g = 9.80 m/s²

Rev J (2022-05)