

DATE: 2023-06-20

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

S/N: R3747

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0002	0.9996	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9993	1.0008	0.9997
30.00	0.9982	1.0012	0.9992
40.00	0.9967	1.0009	0.9985
50.00	0.9952	0.9999	0.9979
60.00	0.9936	0.9984	0.9973
70.00	0.9925	0.9968	0.9970
80.00	0.9919	0.9955	0.9972
90.00	0.9925	0.9950	0.9982
100.00	0.9946	0.9955	1.0003
120.00	1.0051	1.0014	1.0091
140.00	1.0270	1.0154	1.0264
160.00	1.0548	1.0330	1.0470

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)	0.52%	0.04%	0.44%

* g = 9.80 m/s²

Rev J (2022-05)