

DATE: 2023-10-25

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

S/N: R3776

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	0.9995	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	1.0013	0.9997	0.9995
30.00	1.0026	0.9993	0.9988
40.00	1.0036	0.9988	0.9980
50.00	1.0039	0.9982	0.9972
60.00	1.0038	0.9977	0.9966
70.00	1.0035	0.9975	0.9963
80.00	1.0036	0.9979	0.9967
90.00	1.0043	0.9991	0.9979
100.00	1.0063	1.0014	1.0000
120.00	1.0156	1.0117	1.0082
140.00	1.0351	1.0320	1.0223
160.00	1.0604	1.0571	1.0376

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.76%	0.72%	0.56%

* g = 9.80 m/s²

Rev J (2022-05)