

DATE: 2022-11-03

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

S/N: R3742

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	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9997	0.9993	0.9995
30.00	0.9993	0.9982	0.9987
40.00	0.9988	0.9968	0.9979
50.00	0.9984	0.9955	0.9971
60.00	0.9980	0.9943	0.9965
70.00	0.9979	0.9936	0.9965
80.00	0.9984	0.9936	0.9973
90.00	0.9997	0.9946	0.9991
100.00	1.0021	0.9968	1.0021
120.00	1.0122	1.0059	1.0135
140.00	1.0316	1.0227	1.0330
160.00	1.0553	1.0423	1.0543

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)	0.20%	0.68%	0.04%

* g = 9.80 m/s²

Rev J (2022-05)