

DATE: 2022-11-29

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

S/N: R3752

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9992	0.9997	0.9994
30.00	0.9981	0.9991	0.9985
40.00	0.9968	0.9985	0.9974
50.00	0.9957	0.9978	0.9963
60.00	0.9950	0.9973	0.9953
70.00	0.9951	0.9971	0.9947
80.00	0.9965	0.9974	0.9947
90.00	0.9993	0.9984	0.9956
100.00	1.0040	1.0004	0.9976
120.00	1.0207	1.0087	1.0063
140.00	1.0483	1.0246	1.0233
160.00	1.0688	1.0448	1.0448

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)	0.28%	0.28%	0.20%

* g = 9.80 m/s²

Rev J (2022-05)