

DATE: 2023-10-17

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

S/N: R3740

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0000	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	1.0000	0.9992	0.9998
30.00	1.0001	0.9981	0.9995
40.00	1.0001	0.9967	0.9993
50.00	1.0002	0.9955	0.9992
60.00	1.0004	0.9945	0.9994
70.00	1.0008	0.9943	1.0001
80.00	1.0018	0.9950	1.0018
90.00	1.0035	0.9971	1.0044
100.00	1.0062	1.0007	1.0083
120.00	1.0165	1.0141	1.0216
140.00	1.0346	1.0370	1.0437
160.00	1.0535	1.0623	1.0674

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)	0.40%	0.40%	0.24%

* g = 9.80 m/s²

Rev J (2022-05)