

DATE: 2023-10-24

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

S/N: R3773

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	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9995	0.9995
30.00	0.9983	0.9989	0.9989
40.00	0.9971	0.9982	0.9982
50.00	0.9961	0.9976	0.9977
60.00	0.9955	0.9976	0.9977
70.00	0.9956	0.9983	0.9984
80.00	0.9970	1.0001	1.0002
90.00	0.9999	1.0032	1.0032
100.00	1.0047	1.0079	1.0079
120.00	1.0218	1.0234	1.0232
140.00	1.0512	1.0475	1.0466
160.00	1.0789	1.0701	1.0680

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)	0.12%	0.40%	0.52%

* g = 9.80 m/s²

Rev J (2022-05)