

DATE: 2022-06-22

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

S/N: R3727

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0038	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9900	0.9990	0.9994
30.00	0.9771	0.9975	0.9984
40.00	0.9646	0.9957	0.9973
50.00	0.9552	0.9939	0.9963
60.00	0.9500	0.9921	0.9957
70.00	0.9503	0.9910	0.9957
80.00	0.9567	0.9906	0.9967
90.00	0.9690	0.9914	0.9990
100.00	0.9877	0.9936	1.0026
120.00	1.0434	1.0031	1.0154
140.00	1.1037	1.0193	1.0345
160.00	1.0929	1.0334	1.0495

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.252	1.251	1.250
Cross-axis Coupling (g/g)	0.08%	0.24%	0.08%

* g = 9.80 m/s²

Rev J (2022-05)