

DATE: 2022-11-03

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

S/N: R3741

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	1.0002	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9994	0.9995
30.00	0.9978	0.9985	0.9988
40.00	0.9962	0.9973	0.9980
50.00	0.9946	0.9961	0.9971
60.00	0.9931	0.9948	0.9964
70.00	0.9922	0.9938	0.9962
80.00	0.9921	0.9933	0.9966
90.00	0.9932	0.9935	0.9979
100.00	0.9959	0.9948	1.0005
120.00	1.0077	1.0020	1.0111
140.00	1.0313	1.0177	1.0312
160.00	1.0580	1.0379	1.0567

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)	0.04%	0.20%	0.20%

* g = 9.80 m/s²

Rev J (2022-05)