

DATE: 2022-11-29

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

S/N: R3751

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0003	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9990	0.9993
30.00	0.9995	0.9976	0.9983
40.00	0.9991	0.9958	0.9972
50.00	0.9985	0.9939	0.9961
60.00	0.9980	0.9922	0.9952
70.00	0.9977	0.9910	0.9949
80.00	0.9978	0.9906	0.9954
90.00	0.9986	0.9913	0.9970
100.00	1.0007	0.9935	0.9999
120.00	1.0106	1.0038	1.0107
140.00	1.0322	1.0238	1.0293
160.00	1.0582	1.0490	1.0499

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)	0.56%	0.08%	0.68%

* g = 9.80 m/s²

Rev J (2022-05)