

DATE: 2024-08-12

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

S/N: R3834

P/N: R-180-S002

DAS: 34080

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0002	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9991	0.9994	0.9987
30.00	0.9979	0.9985	0.9969
40.00	0.9966	0.9976	0.9949
50.00	0.9955	0.9968	0.9932
60.00	0.9950	0.9965	0.9920
70.00	0.9955	0.9969	0.9920
80.00	0.9975	0.9986	0.9935
90.00	1.0013	1.0017	0.9968
100.00	1.0071	1.0065	1.0020
120.00	1.0268	1.0230	1.0198
140.00	1.0580	1.0502	1.0479
160.00	1.0909	1.0803	1.0775

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.250
Cross-axis Coupling (g/g)	0.76%	0.20%	0.40%

* g = 9.80 m/s²

Rev K (2024-01)