

DATE: 2022-12-20

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

S/N: R3796

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	1.0005	1.0004
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9987	0.9988
30.00	0.9988	0.9969	0.9971
40.00	0.9980	0.9950	0.9950
50.00	0.9973	0.9933	0.9931
60.00	0.9968	0.9921	0.9915
70.00	0.9969	0.9919	0.9908
80.00	0.9980	0.9928	0.9915
90.00	1.0002	0.9953	0.9938
100.00	1.0041	0.9997	0.9983
120.00	1.0190	1.0168	1.0159
140.00	1.0464	1.0487	1.0481
160.00	1.0802	1.0881	1.0879

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)	0.56%	0.52%	0.04%

* g = 9.80 m/s²

Rev J (2022-05)