

DATE: 2023-12-22

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

S/N: R3797

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9987	0.9988	0.9993
30.00	0.9969	0.9971	0.9982
40.00	0.9947	0.9951	0.9970
50.00	0.9926	0.9931	0.9959
60.00	0.9910	0.9916	0.9951
70.00	0.9903	0.9910	0.9950
80.00	0.9912	0.9918	0.9960
90.00	0.9938	0.9944	0.9983
100.00	0.9987	0.9991	1.0024
120.00	1.0173	1.0171	1.0179
140.00	1.0496	1.0492	1.0458
160.00	1.0870	1.0881	1.0798

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)	0.88%	0.28%	0.72%

* g = 9.80 m/s²

Rev J (2022-05)