

DATE: 2022-12-20

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

S/N: R3795

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	1.0003	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9991	0.9996
30.00	0.9982	0.9979	0.9991
40.00	0.9970	0.9963	0.9986
50.00	0.9958	0.9948	0.9983
60.00	0.9949	0.9935	0.9985
70.00	0.9946	0.9928	0.9994
80.00	0.9952	0.9931	1.0015
90.00	0.9968	0.9947	1.0048
100.00	0.9998	0.9979	1.0079
120.00	1.0109	1.0105	1.0195
140.00	1.0285	1.0328	1.0486
160.00	1.0442	1.0568	1.0697

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)	0.28%	0.68%	0.32%

* g = 9.80 m/s²

Rev J (2022-05)