

DATE: 2022-08-22

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

S/N: R3734

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	1.0001	1.0001
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9996	0.9998
30.00	0.9986	0.9989	0.9995
40.00	0.9975	0.9979	0.9990
50.00	0.9963	0.9967	0.9985
60.00	0.9950	0.9953	0.9980
70.00	0.9941	0.9939	0.9977
80.00	0.9937	0.9924	0.9976
90.00	0.9942	0.9914	0.9980
100.00	0.9962	0.9909	0.9993
120.00	1.0064	0.9936	1.0057
140.00	1.0283	1.0107	1.0206
160.00	1.0567	1.0343	1.0428

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.251
Cross-axis Coupling (g/g)	0.36%	0.36%	0.08%

* g = 9.80 m/s²

Rev J (2022-05)