

DATE: 2022-06-22

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

S/N: R3723

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	1.0003	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9989	0.9992	0.9991
30.00	0.9973	0.9980	0.9978
40.00	0.9955	0.9966	0.9963
50.00	0.9938	0.9953	0.9951
60.00	0.9927	0.9943	0.9943
70.00	0.9927	0.9941	0.9945
80.00	0.9941	0.9950	0.9961
90.00	0.9975	0.9971	0.9991
100.00	1.0030	1.0007	1.0038
120.00	1.0222	1.0129	1.0185
140.00	1.0511	1.0294	1.0349
160.00	1.0685	1.0372	1.0343

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)	0.12%	0.20%	0.12%

* g = 9.80 m/s²

Rev J (2022-05)