

DATE: 2022-08-19

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

S/N: R3733

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0003	1.0000	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9993	0.9998	0.9994
30.00	0.9981	0.9995	0.9986
40.00	0.9967	0.9988	0.9975
50.00	0.9952	0.9979	0.9965
60.00	0.9939	0.9967	0.9957
70.00	0.9931	0.9955	0.9953
80.00	0.9930	0.9944	0.9956
90.00	0.9942	0.9941	0.9969
100.00	0.9969	0.9950	0.9994
120.00	1.0090	1.0027	1.0092
140.00	1.0319	1.0220	1.0273
160.00	1.0584	1.0478	1.0487

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.250	1.250
Cross-axis Coupling (g/g)	0.28%	0.64%	0.60%

* g = 9.80 m/s²

Rev J (2022-05)