

DATE: 2022-11-21

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

S/N: R3737

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0001	1.0001	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9998	0.9996	0.9995
30.00	0.9995	0.9991	0.9987
40.00	0.9991	0.9984	0.9977
50.00	0.9988	0.9979	0.9967
60.00	0.9987	0.9975	0.9958
70.00	0.9988	0.9976	0.9953
80.00	0.9995	0.9985	0.9954
90.00	1.0009	1.0003	0.9965
100.00	1.0034	1.0035	0.9987
120.00	1.0132	1.0159	1.0082
140.00	1.0323	1.0391	1.0267
160.00	1.0579	1.0685	1.0494

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.251	1.250
Cross-axis Coupling (g/g)	0.68%	0.20%	0.20%

* g = 9.80 m/s²

Rev J (2022-05)