

DATE: 2023-03-24

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

S/N: R3753

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	0.9995	0.9992	0.9997
30.00	0.9987	0.9982	0.9992
40.00	0.9978	0.9970	0.9986
50.00	0.9969	0.9960	0.9981
60.00	0.9963	0.9955	0.9978
70.00	0.9961	0.9958	0.9979
80.00	0.9967	0.9974	0.9987
90.00	0.9984	1.0004	1.0003
100.00	1.0015	1.0051	1.0029
120.00	1.0141	1.0205	1.0126
140.00	1.0384	1.0433	1.0298
160.00	1.0708	1.0632	1.0502

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.76%	0.84%

* g = 9.80 m/s²

Rev J (2022-05)