

DATE: 2022-07-15

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

S/N: R3730

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	1.0002
10.00	1.0000	1.0000	1.0000
20.00	0.9995	0.9996	0.9995
30.00	0.9988	0.9990	0.9988
40.00	0.9978	0.9982	0.9979
50.00	0.9967	0.9973	0.9971
60.00	0.9955	0.9962	0.9965
70.00	0.9946	0.9954	0.9963
80.00	0.9939	0.9948	0.9969
90.00	0.9939	0.9948	0.9984
100.00	0.9949	0.9957	1.0012
120.00	1.0012	1.0021	1.0122
140.00	1.0159	1.0177	1.0323
160.00	1.0355	1.0409	1.0562

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.250	1.251	1.249
Cross-axis Coupling (g/g)	0.40%	0.16%	0.40%

* g = 9.80 m/s²

Rev J (2022-05)