

DATE: 2024-10-23

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

S/N: R3876

P/N: R-180-S002

DAS: 3410A

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	0.9988	0.9991	0.9991
30.00	0.9970	0.9979	0.9979
40.00	0.9949	0.9967	0.9965
50.00	0.9929	0.9957	0.9953
60.00	0.9914	0.9955	0.9948
70.00	0.9910	0.9963	0.9953
80.00	0.9920	0.9989	0.9973
90.00	0.9947	1.0033	1.0010
100.00	0.9996	1.0098	1.0069
120.00	1.0168	1.0304	1.0264
140.00	1.0437	1.0596	1.0569
160.00	1.0686	1.0825	1.0873

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%	0.48%	0.36%

* g = 9.80 m/s²

Rev K (2024-01)