

DATE: 2022-07-15

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

S/N: R3729

P/N: R-180-S002

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	0.9991	0.9989	1.0003
10.00	1.0000	1.0000	1.0000
20.00	1.0015	1.0024	0.9992
30.00	1.0023	1.0046	0.9979
40.00	1.0021	1.0056	0.9963
50.00	1.0012	1.0051	0.9947
60.00	0.9999	1.0034	0.9933
70.00	0.9985	1.0011	0.9923
80.00	0.9972	0.9985	0.9920
90.00	0.9965	0.9964	0.9928
100.00	0.9966	0.9952	0.9949
120.00	1.0011	0.9978	1.0040
140.00	1.0140	1.0111	1.0213
160.00	1.0338	1.0348	1.0414

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.249	1.250	1.251
Cross-axis Coupling (g/g)	0.04%	0.64%	0.60%

* g = 9.80 m/s²

Rev J (2022-05)