

DATE: 2025-12-02

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

S/N: R3945

P/N: R-97499-CM

DAS: 3414F

NORMALIZED MAGNITUDE - FREQUENCY CHARACTERISTICS

Freq. (Hz)	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
1.00	1.0004	1.0004	1.0003
10.00	1.0000	1.0000	1.0000
20.00	0.9988	0.9989	0.9991
30.00	0.9970	0.9974	0.9978
40.00	0.9950	0.9955	0.9963
50.00	0.9931	0.9938	0.9951
60.00	0.9918	0.9925	0.9944
70.00	0.9914	0.9921	0.9947
80.00	0.9926	0.9930	0.9966
90.00	0.9954	0.9955	1.0002
100.00	1.0004	0.9999	1.0060
120.00	1.0184	1.0164	1.0258
140.00	1.0483	1.0441	1.0574
160.00	1.0812	1.0741	1.0892

SENSITIVITIES

	Z-Axis (Vertical)	Y-Axis (North/South)	X-Axis (East/West)
Output Sensitivity (V/g)	1.251	1.2505.	1.250
Cross-axis Coupling (g/g)	0.36%	0.12%	0.12%

* g = 9.80 m/s²

Rev K (2024-01)