

	A	B	C	D	E	F
1	RAW DATA	ex1	ex2	ex3	ex4	ex5
2	acc_x	3341	3493	2560	-3532	10438
3	acc_y	-492	-586	-6695	-61	-822
4	acc_z	9017	-4364	2575	2912	2224
5	offset	-24	-23	-24	-24	-23
6	Vcc	17885	17894	17891	17889	17891
7	Temp	21199	21149	21177	21150	21153
8	(Vnut-offset)	-300				
9	Gain	101				

16-Sep-06  
by JH1PJL

-5.4933 mV  
Vnut-offset

NORMALIZED	ex1	ex2	ex3	ex4	ex5	
acc_x	0.664	0.692	0.523	-0.582	1.951	G
acc_y	-0.030	-0.048	-1.155	0.048	-0.090	G
acc_z	1.693	-0.733	0.526	0.587	0.462	G

Vcc	3.64	3.64	3.64	3.64	3.64	V
Temp	21.40	20.70	21.10	20.73	20.75	

Total G	1.819	1.009	1.372	0.827	2.007	G
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acc_x	$=(B2-B5-$$$8)*temp\_conv0!$D$9/(1000*$$$9)$
acc_y	$=(B3-B5-$$$8)*temp\_conv0!$D$9/(1000*$$$9)$
acc_z	$=(B4-B5-$$$8)*temp\_conv0!$D$9/(1000*$$$9)$
Vcc	$=(B6-B5)*VCC\_conv!$C$6/1000000*$$$10/100$
Temp	$=((B7-B5)*temp\_conv0!$D$9)/temp\_conv0!$E$6/1000-273$
Total G	$=SQRT(B12*B12+B13*B13+B14*B14)$

temp_conv0!\$D\$9=	18.311
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VCC_conv!\$C\$6=	201.42
temp_conv0!\$D\$9=	18.311
temp_conv0!\$E\$6=	1.32