

	B	C	D	E	F	G	I
				= -		= -	
	Vin [mV]	ADC	Calc. [mV]	diff [mV]	Compensate [mV]	diff [mV]	
4	0.0	65359	-3.2	-3.2	0.0	0.0	adc_conv
5	10.1	382	7.0	-3.1	10.2	0.1	18.311
6	25.0	1248	22.9	-2.1	26.0	1.0	[μ V/bit]
7	50.0	2694	49.3	-0.7	52.5	2.5	
8	74.5	3861	70.7	-3.8	73.9	-0.6	offset
9	100.1	5370	98.3	-1.8	101.5	1.4	150
10	199.8	10270	188.1	-11.7	191.2	-8.6	1.00
11	292.6	15949	292.0	-0.6	295.2	2.6	Gain
12	399.2	20060	367.3	-31.9	370.5	-28.7	
13	500.7	25385	464.8	-35.9	468.0	-32.7	
14	572.9	28336	518.9	-54.0	522.0	-50.9	

$$=I\$5*(Cn-\$N\$4+I\$9)/(1000*I\$10)$$

$Cn=C4,C5,\dots,C14$   
 $\$N\$4=V_{offset}=-24$