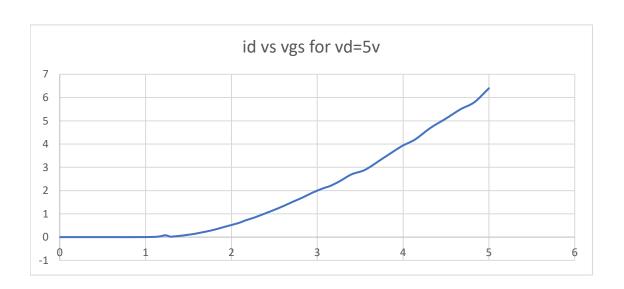
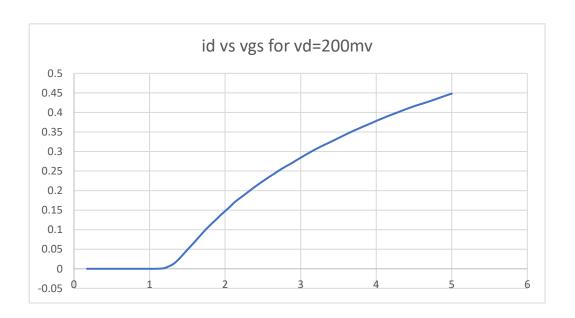
vds=2	200mv		vd=5v	,	
vgs	ids		vgs	ids	
(0.174	0		0	0
(0.229	0	().243	0
(0.422	0	().445	0
(0.602	0	().658	0
(0.784	0	().889	0
(0.977	0		1.1	0.01
	1.086	0		1.18	0.04
<u>-</u>	1.175	0.001		1.23	0.08
<u>-</u>	1.217	0.003		1.29	0.019
<u>-</u>	1.313	0.012		1.32	0.028
<u>-</u>	1.389	0.025		1.39	0.051
<u>-</u>	1.455	0.039		1.48	0.093
-	1.536	0.056		1.56	0.135
-	1.594	0.068		1.62	0.176
	1.713	0.094		1.69	0.228
	1.799	0.111		1.73	0.258
-	1.881	0.126		1.81	0.327
-	1.956	0.14		1.86	0.379
	2.05	0.156		1.95	0.472
	2.13	0.171		2.01	0.53
	2.24	0.187		2.1	0.627
	2.39	0.209		2.17	0.728
	2.53	0.228		2.27	0.845
	2.64	0.242		2.42	1.058
	2.76	0.257		2.49	1.158
	2.88	0.2701		2.61	1.343
	3.06	0.291		2.71	1.511
	3.24	0.31		2.84	1.722
	3.38	0.323		2.95	1.921
	3.56	0.34		3.07	2.1
	3.7	0.353		3.15	2.2
	3.94	0.373		3.26	2.4
	4.11	0.387		3.4	2.7
	4.46	0.413		3.56	2.9
	4.7	0.428		3.77	3.4
	4.92	0.443		3.98	3.9
	5	0.448		4.14	4.2
				4.32	4.7
				4.5	5.1
				4.67	5.5
				4.83	5.8
				5	6.4



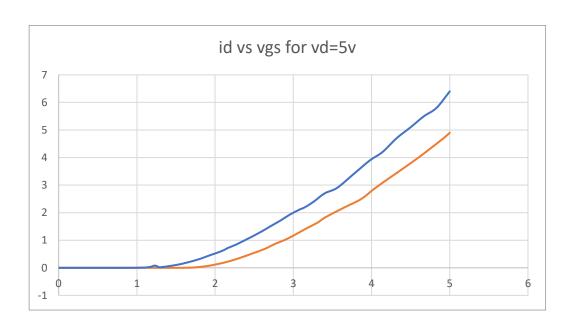


vds=5v	
0	0
0.5	0
1	0
1.2	0
1.43	0
1.55	0
1.57	0
1.6	0.001
1.69	0.006
1.75	0.016
1.88	0.056
1.97	0.099
2.09	0.172
2.19	0.246
2.33	0.371
2.46	0.503
2.63	0.681
2.76	0.859
2.91	1.036
3.05	1.245
3.18	1.448
3.31	1.639
3.41	1.834
3.66	2.2
3.87	2.5
4.05	2.9
4.3	3.4
4.6	4
4.92	4.7
5	4.9

vgs=2.5		vgs=3.5	
vsd	id	vsd	id
0.01	0.014	0.01	0.019
0.02	0.028	0.02	0.035
0.03	0.039	0.03	0.053
0.04	0.048	0.04	0.069
0.05	0.06	0.05	0.081
0.06	0.072	0.06	0.102
0.07	0.085	0.07	0.121
0.08	0.094	0.08	0.138
0.09	0.106	0.09	0.155
0.1	0.117	0.1	0.168
0.15	0.172	0.15	0.254
0.2	0.224	0.2	0.336
0.25	0.276	0.25	0.416
0.3	0.326	0.3	0.496
0.35	0.372	0.35	0.573
0.4	0.418	0.4	0.65
0.45	0.461	0.45	0.724
0.5	0.502	0.5	0.798
0.55	0.541	0.55	0.9
0.6	0.584	0.6	1
0.65	0.616	0.65	1.1
0.7	0.646	0.7	1.2
0.75	0.676	0.75	1.3
0.8	0.704	0.8	1.3
0.9	0.754	0.9	1.5
1	0.796	1	1.6
1.1	0.834	1.1	1.7
1.2	0.862	1.2	1.8
1.3	0.886	1.3	1.9
1.5	0.919	1.5	2.1
2	0.975	2	2.4
2.5	1.022	2.5	2.5
3	1.048	3	2.6
3.5	1.088	3.5	2.7
4	1.117	4	2.8
4.5	1.146	4.5	2.8
5	1.18	5	2.9



orange for vgs=3.5v blue is for vgs=2.5v



orange is after applying body effect blue is before applying body effect

vt=1.1v vt=1.6v