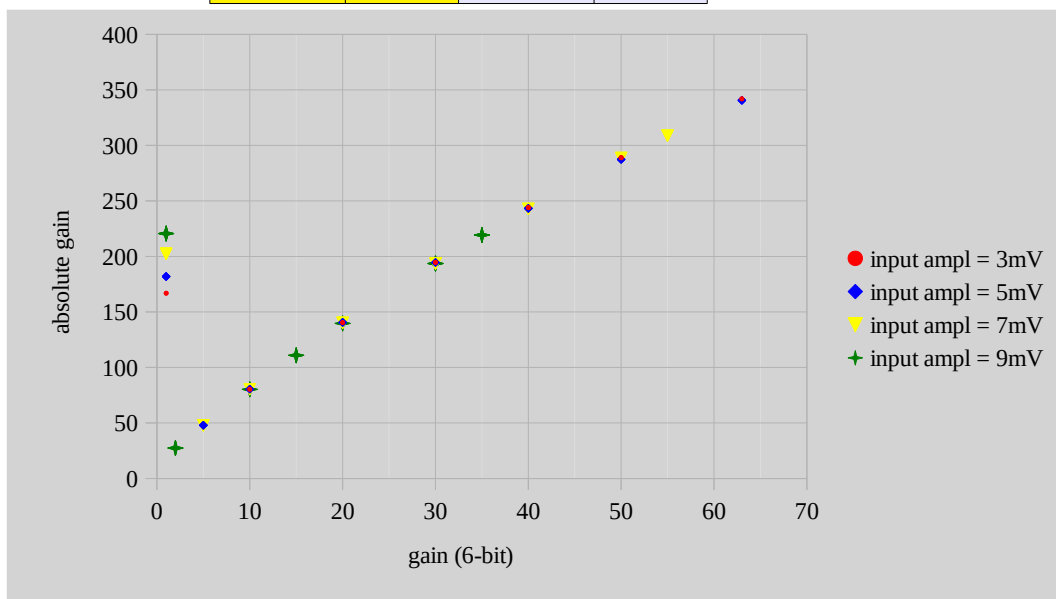


## Results

Channel 0							
input ampl = 3mV		input ampl = 5mV		input ampl = 7mV		input ampl = 9mV	
gain(6-bit)	abs_gain	gain(6-bit)	abs_gain	gain(6-bit)	abs_gain	gain(6-bit)	abs_gain
63	341.9	63	340.7	1	202.4	2	27.44
63	341.9	30	194.6	55	308.7	2	27.44
63	341.9	63	340.6	1	202.4	10	80.25
10	80.36	30	194.5	55	308.7	2	27.44
20	140.4	20	140.5	55	308.7	15	110.9
20	140.4	63	340.6	50	288.7	15	110.9
63	341.9	5	47.89	20	140.2	1	220.6
40	244	10	80.48	30	193.6	35	219.3
40	244	20	140.5	40	242.8	20	139.6
50	288.9	1	181.9	20	140.2	20	139.6
1	166.9	5	47.89	50	288.6	35	219.3
1	166.9	1	181.9	50	288.6	35	219.3
30	194.7	10	80.48	20	140.2	20	139.6
1	166.9	40	243.3	1	202.4	20	139.6
1	166.9	5	47.88	30	193.6	35	219.3
30	194.7	10	80.48	5	47.84	1	220.6
30	194.7	10	80.49	50	288.7	30	193.6
50	288.9	5	47.89	20	140.2	15	110.9
30	194.7	1	181.9	40	242.8	30	193.6
50	288.9	50	287.3	40	242.8	1	220.6
40	244	50	287.3	30	193.6	30	193.6
50	288.9	20	140.6	5	47.84	15	110.9
40	244	1	182	30	193.6	10	80.25
20	140.4	50	287.4	5	47.83	10	80.25
20	140.4	40	243.3	5	47.84	10	80.25
10	80.34	20	140.5	40	242.8	1	220.7
10	80.35	40	243.3	10	80.36	30	193.6
10	80.34	50	287.3	10	80.36	2	27.44
		40	243.3	55	308.8		
		63	340.6	10	80.36		
		30	194.6	10	80.35		
		30	194.6	1	202.4		



## Results

	Gain 10		Gain 20		Gain 30		Gain 40		Gain 50	
input	outp	δoutp	outp	δoutp	outp	δoutp	outp	δoutp	outp	δoutp
2.96	11133.9	23.26	19452.4	29.96	26974.4	41.18	33808	50	40028.5	61.55
2.96	11130.7	22.07	19453.5	30.7	26975.9	41.6	33810.8	49.13	40028.7	61.92
2.96	11133.2	23.09	19453.3	30.32	26976.5	42.22	33812.2	50.93	40032.9	61.84
2.96	11131.6	22.99	19450.7	29.81	26975.1	41.69	33811.6	50.12	40029.7	62.43
4.93	18563.1	19.36	32405.4	26.93	44873.8	37.94	56125.7	45.99	66272.8	60.95
4.93	18563.7	19.61	32411.9	28.56	44871.4	36.24	56123.6	46.06	66275.8	61.98
4.93	18563.9	20.61	32428.9	27.73	44885.7	37.12	56120.9	45.06	66279.5	64.11
4.93	18566	19.72	32418.2	28.68	44883.1	38.3	56125.3	48.68	66274.9	63.09
6.9	25936	27	45240.4	30.6	62482.6	42.26	78355.9	51.76	93166.3	58.87
6.9	25935.8	28.05	45238.8	30.54	62485.4	43.39	78350.4	51.3	93161.7	55.91
6.9	25936.2	27.2	45237.7	30.95	62480	42.93	78358.6	54.29	93158.4	58.53
6.9	25934.7	27.94	45242.7	31.85	62482.5	43.53	78367.2	52.65	93177	57.62
8.88	33304.3	26.62	57941.1	40.28	80353.8	41.74				
8.88	33304.9	26.49	57942.6	40.25	80346.9	42.49				
8.88	33303.7	26.57	57940.1	39.58	80346.5	41.8				
8.88	33305.1	25.22	57942.8	39.28	80349	40.36				

SetGain	λ	absGain
10	3744.94	<b>80.1</b>
20	6502.3	<b>139.1</b>
30	9007.84	<b>192.8</b>
40	11306.44	<b>242.0</b>
50	13486.27	<b>288.6</b>

