CCD	A/D	FG Output	Actual V	Min Count	Max Count	Difference	Gain (uV/ADU)		
1	A	-0.6	-1.2	-32768	-14710	-18058	66.45	Average	
		-0.55	-1.1	-31871	-14710	-17161	64.10	64.265	
		-0.5	-1	-30292	-14710	-15582	64.18		
		-0.4	-0.8	-27153	-14710	-12443	64.29	STD Dev	
		-0.3	-0.6	-24043	-14710	-9333	64.29	0.22377	
		-0.2	-0.4	-20925	-14710	-6215	64.36		
		-0.1	-0.2	-17802	-14710	-3092	64.68		
		0.1	0.2	-11621	-14710	3089	64.75		
		0.2	0.4	-8458	-14710	6252	63.98		
		0.3	0.6	-5336	-14710	9374	64.01		
		0.4	0.8	-2220	-14710	12490	64.05		
		0.5	1	860	-14710	15570	64.23		
		0.55	1.1	2417	-14710	17127	64.23		
		0.6	1.2	3949	-14710	18659	64.31		
	B	-0.6	-1.2	-32768	-14660	-18108	66.27	Average	
		-0.55	-1.1	-31868	-14660	-17208	63.92	63.926	
		-0.5	-1	-30253	-14660	-15593	64.13		
		-0.4	-0.8	-27133	-14660	-12473	64.14	STD Dev	
		-0.3	-0.6	-24009	-14660	-9349	64.18	0.24186	
		-0.2	-0.4	-20890	-14660	-6230	64.21		
		-0.1	-0.2	-17768	-14660	-3108	64.35		
		0.1	0.2	-11520	-14660	3140	63.69		
		0.2	0.4	-8379	-14660	6281	63.68		
		0.3	0.6	-5256	-14660	9404	63.80		
		0.4	0.8	-2148	-14660	12512	63.94		
		0.5	1	1019	-14660	15679	63.78		
		0.55	1.1	2640	-14660	17300	63.58		
		0.6	1.2	4198	-14660	18858	63.63		
	C	-0.6	-1.2	-32768	-14600	-18168	66.05	Average	
		-0.55	-1.1	-32096	-14600	-17496	62.87	62.942	
		-0.5	-1	-30458	-14600	-15858	63.06		
		-0.4	-0.8	-27276	-14600	-12676	63.11	STD Dev	
		-0.3	-0.6	-24105	-14600	-9505	63.12	0.198336	
		-0.2	-0.4	-20923	-14600	-6323	63.26		
		-0.1	-0.2	-17770	-14600	-3170	63.09		
		0.1	0.2	-11432	-14600	3168	63.13		
		0.2	0.4	-8223	-14600	6377	62.73		
		0.3	0.6	-5051	-14600	9549	62.73		
		0.4	0.8	-1897	-14600	12703	62.98		
		0.5	1	1325	-14600	15925	62.79		
		0.55	1.1	2957	-14600	17557	62.65		
		0.6	1.2	4564	-14600	19164	62.62		
	D	-0.6	-1.2	-32768	-14680	-18088	66.34	Average	
		-0.55	-1.1	-31968	-14680	-17288	63.63	63.680	
		-0.5	-1	-30357	-14680	-15677	63.79		
		-0.4	-0.8	-27208	-14680	-12528	63.86	STD Dev	
		-0.3	-0.6	-24068	-14680	-9388	63.91	0.162376	
		-0.2	-0.4	-20945	-14680	-6265	63.85		
		-0.1	-0.2	-17816	-14680	-3136	63.78		
		0.1	0.2	-11550	-14680	3130	63.90		
		0.2	0.4	-8381	-14680	6299	63.50		
		0.3	0.6	-5236	-14680	9444	63.53		
		0.4	0.8	-2098	-14680	12582	63.58		
		0.5	1	1049	-14680	15729	63.58		
		0.55	1.1	2649	-14680	17329	63.48		
		0.6	1.2	4227	-14680	18907	63.47		
2	A	-0.6	-1.2	-32768	-14670	-18098	66.31	Average	
		-0.55	-1.1	-32202	-14670	-17532	62.74	63.161	
		-0.5	-1	-30543	-14670	-15873	63.00		
		-0.4	-0.8	-27338	-14670	-12668	63.15	STD Dev	
		-0.3	-0.6	-24191	-14670	-9521	63.02	0.240809	
		-0.2	-0.4	-20944	-14670	-6274	63.76		
		-0.1	-0.2	-17833	-14670	-3163	63.23		
		0.1	0.2	-11520	-14670	3150	63.49		
		0.2	0.4	-8321	-14670	6349	63.00		
		0.3	0.6	-5176	-14670	9494	63.20		
		0.4	0.8	-1969	-14670	12701	62.99		
		0.5	1	1175	-14670	15845	63.11		
		0.55	1.1	2743	-14670	17413	63.17		
		0.6	1.2	4307	-14670	18977	63.23		
	B	-0.6	-1.2	-32768	-14550	-18218	65.87	Average	
		-0.55	-1.1	-31904	-14550	-17354	63.39	63.24	
		-0.5	-1	-30320	-14550	-15770	63.41		
		-0.4	-0.8	-27149	-14550	-12599	63.50	STD Dev	
		-0.3	-0.6	-24007	-14550	-9457	63.45	0.237013	
		-0.2	-0.4	-20846	-14550	-6296	63.53		
		-0.1	-0.2	-17695	-14550	-3145	63.59		
		0.1	0.2	-11379	-14550	3171	63.07		
		0.2	0.4	-8203	-14550	6347	63.02		
		0.3	0.6	-5051	-14550	9499	63.16		
		0.4	0.8	-1892	-14550	12658	63.20		
		0.5	1	1327	-14550	15877	62.98		
		0.55	1.1	2927	-14550	17477	62.94		
		0.6	1.2	4531	-14550	19081	62.89		
	C	-0.6	-1.2	-32768	-14690	-18078	66.38	Average	
		-0.55	-1.1	-31870	-14690	-17180	64.03	63.915	
		-0.5	-1	-30290	-14690	-15600	64.10		
		-0.4	-0.8	-27151	-14690	-12461	64.20	STD Dev	
		-0.3	-0.6	-24036	-14690	-9346	64.20	0.256308	
		-0.2	-0.4	-20932	-14690	-6242	64.08		
		-0.1	-0.2	-17806	-14690	-3116	64.18		
		0.1	0.2	-11574	-14690	3116	64.18		
		0.2	0.4	-8407	-14690	6283	63.66		
		0.3	0.6	-5277	-14690	9413	63.74		
		0.4	0.8	-2146	-14690	12544	63.58		
		0.5	1	1012	-14690	15702	63.69		
		0.55	1.1	2622	-14690	17312	63.54		
		0.6	1.2	4205	-14690	18895	63.51		
	D	-0.6	-1.2	-32768	-14590	-18178	66.01	Average	
		-0.55	-1.1	-31957	-14590	-17367	63.34	63.326	
		-0.5	-1	-30317	-14590	-15727	63.58		
		-0.4	-0.8	-27183	-14590	-12593	63.53	STD Dev	
		-0.3	-0.6	-24007	-14590	-9417	63.71	0.250354	
		-0.2	-0.4	-20877	-14590	-6287	63.62		
		-0.1	-0.2	-17732	-14590	-3142	63.65		
		0.1	0.2	-11416	-14590	3174	63.01		
		0.2	0.4	-8243	-14590	6347	63.02		
		0.3	0.6	-5100	-14590	9490	63.22		
		0.4	0.8	-1916	-14590	12674	63.12		
		0.5	1	1226	-14590	15816	63.23		

Chart trendline equations:

CCD 1 A: $y = -0.0315x + 64.268$

CCD 1 B: $y = -0.2211x + 63.947$

CCD 1 C: $y = -0.1698x + 62.958$

CCD 1 D: $y = -0.1461x + 63.694$

CCD 2 A: $y = 0.0489x + 63.157$

CCD 2 B: $y = -0.252x + 63.265$

CCD 2 C: $y = -0.2727x + 63.94$

CCD 2 D: $y = -0.2321x + 63.348$
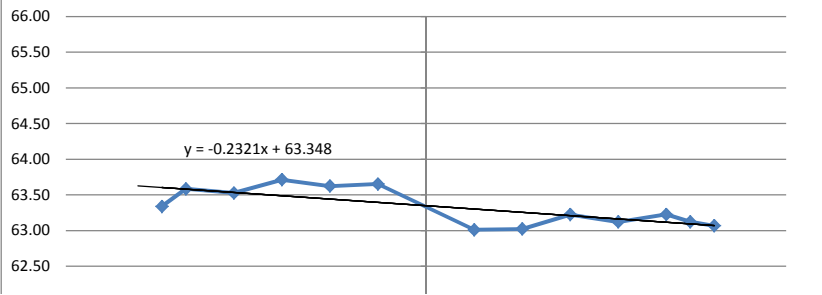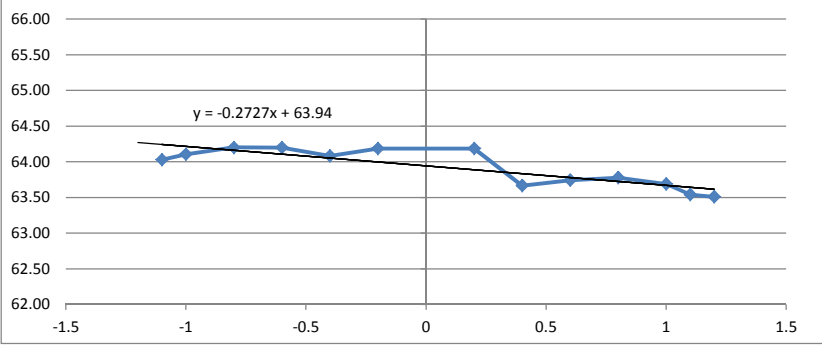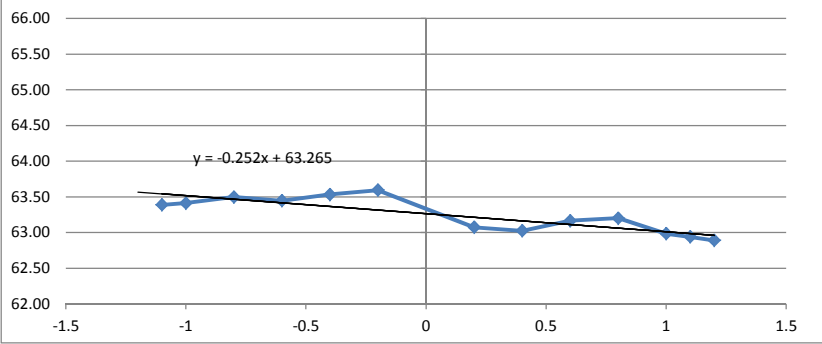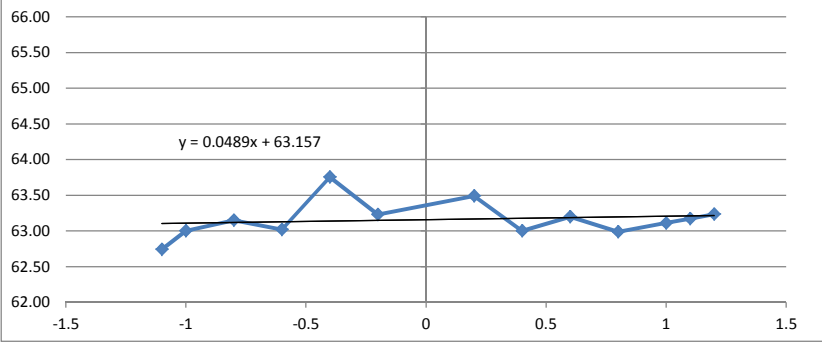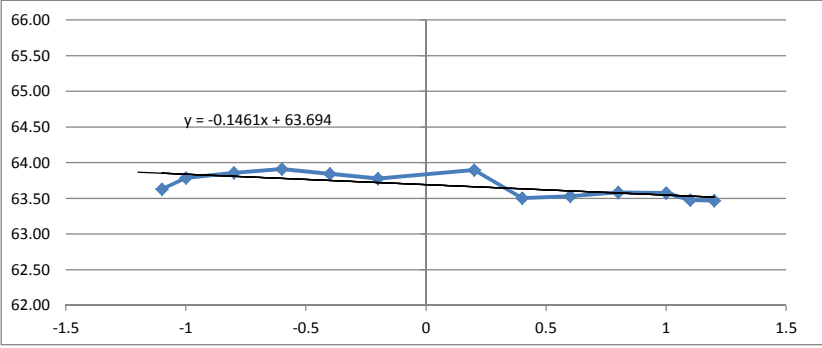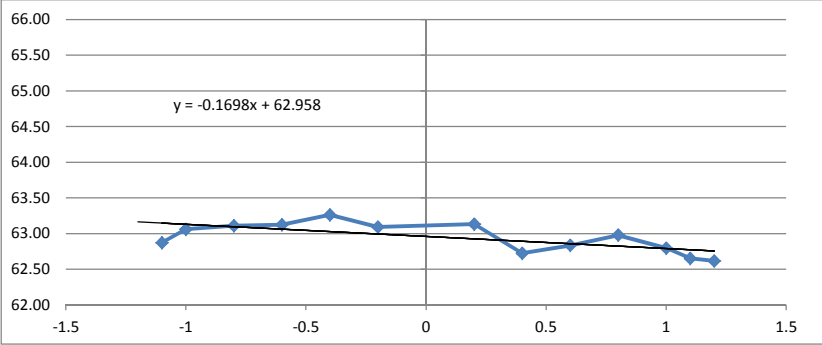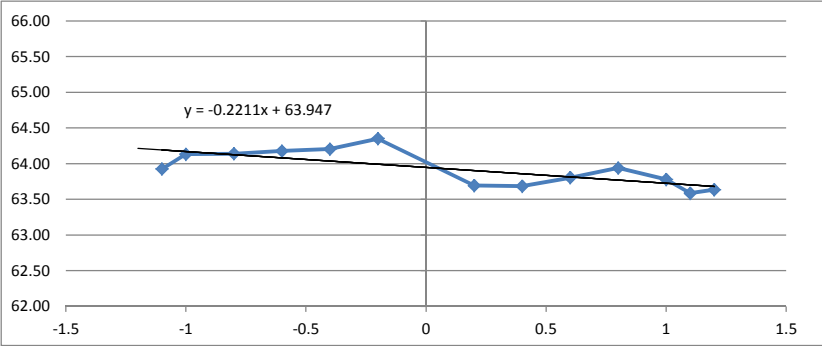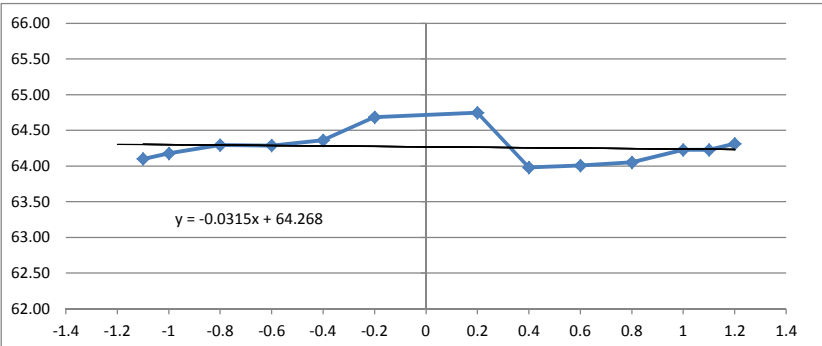
		0.55	1.1	2836	-14590	17426	63.12
		0.6	1.2	4437	-14590	19027	63.07

3	A	-0.6	-1.2	-32768	-14620	-18148	66.12	Average
		-0.55	-1.1	-31843	-14620	-17223	63.87	63.87
		-0.5	-1	-30224	-14620	-15604	64.09	
		-0.4	-0.8	-27082	-14620	-12462	64.20	STD Dev
		-0.3	-0.6	-23950	-14620	-9330	64.31	0.394028
		-0.2	-0.4	-20815	-14620	-6195	64.57	
		-0.1	-0.2	-17740	-14620	-3120	64.10	
		0.1	0.2	-11450	-14620	3170	63.09	
		0.2	0.4	-8296	-14620	6324	63.25	
		0.3	0.6	-5202	-14620	9418	63.71	
		0.4	0.8	-2047	-14620	12573	63.63	
		0.5	1	1029	-14620	15649	63.90	
		0.55	1.1	2660	-14620	17280	63.66	
		0.6	1.2	4136	-14620	18756	63.98	

$y = -0.2247x + 63.894$

	B	-0.6	-1.2	-32768	-14610	-18158	66.09	Average
		-0.55	-1.1	-31811	-14610	-17201	63.95	63.78
		-0.5	-1	-30256	-14610	-15646	63.91	
		-0.4	-0.8	-27104	-14610	-12494	64.03	STD Dev
		-0.3	-0.6	-23957	-14610	-9347	64.19	0.34109
		-0.2	-0.4	-20828	-14610	-6218	64.33	
		-0.1	-0.2	-17727	-14610	-3117	64.16	
		0.1	0.2	-11482	-14610	3128	63.94	
		0.2	0.4	-8309	-14610	6301	63.48	
		0.3	0.6	-5162	-14610	9448	63.51	
		0.4	0.8	-2014	-14610	12596	63.51	
		0.5	1	1173	-14610	15783	63.36	
		0.55	1.1	2780	-14610	17390	63.25	
		0.6	1.2	4283	-14610	18893	63.52	

$y = -0.3495x + 63.813$

	C	-0.6	-1.2	-32768	-14710	-18058	66.45	Average
		-0.55	-1.1	-32054	-14710	-17344	63.42	63.46
		-0.5	-1	-30426	-14710	-15716	63.63	
		-0.4	-0.8	-27280	-14710	-12570	63.64	STD Dev
		-0.3	-0.6	-24109	-14710	-9399	63.84	0.301471
		-0.2	-0.4	-20981	-14710	-6271	63.79	
		-0.1	-0.2	-17831	-14710	-3121	64.08	
		0.1	0.2	-11535	-14710	3175	62.99	
		0.2	0.4	-8392	-14710	6318	63.31	
		0.3	0.6	-5242	-14710	9468	63.37	
		0.4	0.8	-2092	-14710	12618	63.40	
		0.5	1	1096	-14710	15806	63.27	
		0.55	1.1	2718	-14710	17428	63.12	
		0.6	1.2	4282	-14710	18992	63.18	

$y = -0.2351x + 63.487$

	D	-0.6	-1.2	-32768	-14710	-18058	66.45	Average
		-0.55	-1.1	-31884	-14710	-17174	64.05	64.08
		-0.5	-1	-30277	-14710	-15567	64.24	
		-0.4	-0.8	-27164	-14710	-12454	64.24	STD Dev
		-0.3	-0.6	-24041	-14710	-9331	64.30	0.211164
		-0.2	-0.4	-20921	-14710	-6211	64.40	
		-0.1	-0.2	-17814	-14710	-3104	64.43	
		0.1	0.2	-11582	-14710	3128	63.94	
		0.2	0.4	-8435	-14710	6275	63.75	
		0.3	0.6	-5322	-14710	9388	63.91	
		0.4	0.8	-2211	-14710	12499	64.01	
		0.5	1	915	-14710	15625	64.00	
		0.55	1.1	2522	-14710	17232	63.83	
		0.6	1.2	4057	-14710	18767	63.94	

$y = -0.1745x + 64.096$

4	A	-0.6	-1.2	-32768	-14760	-18008	66.64	Average
		-0.55	-1.1	-32199	-14760	-17439	63.08	63.11
		-0.5	-1	-30568	-14760	-15808	63.26	
		-0.4	-0.8	-27531	-14760	-12771	62.64	STD Dev
		-0.3	-0.6	-24236	-14760	-9476	63.32	0.271857
		-0.2	-0.4	-21055	-14760	-6295	63.54	
		-0.1	-0.2	-17919	-14760	-3159	63.31	
		0.1	0.2	-11573	-14760	3187	62.75	
		0.2	0.4	-8388	-14760	6372	62.77	
		0.3	0.6	-5212	-14760	9548	62.84	
		0.4	0.8	-2083	-14760	12677	63.11	
		0.5	1	1060	-14760	15820	63.21	
		0.55	1.1	2672	-14760	17432	63.10	
		0.6	1.2	4148	-14760	18908	63.47	

$y = 0.0092x + 63.107$

	B	-0.6	-1.2	-32768	-14620	-18148	66.12	Average
		-0.55	-1.1	-32064	-14620	-17444	63.06	63.13
		-0.5	-1	-30394	-14620	-15774	63.40	
		-0.4	-0.8	-27245	-14620	-12625	63.37	STD Dev
		-0.3	-0.6	-24092	-14620	-9472	63.34	0.277644
		-0.2	-0.4	-20916	-14620	-6296	63.53	
		-0.1	-0.2	-17763	-14620	-3143	63.63	
		0.1	0.2	-11441	-14620	3179	62.91	
		0.2	0.4	-8249	-14620	6371	62.78	
		0.3	0.6	-5098	-14620	9522	63.01	
		0.4	0.8	-1936	-14620	12684	63.07	
		0.5	1	1281	-14620	15901	62.89	
		0.55	1.1	2892	-14620	17512	62.81	
		0.6	1.2	4467	-14620	19087	62.87	

$y = -0.2412x + 63.152$

	C	-0.6	-1.2	-32768	-14750	-18018	66.60	Average
		-0.55	-1.1	-32212	-14750	-17462	62.99	63.36
		-0.5	-1	-30481	-14750	-15731	63.57	
		-0.4	-0.8	-27321	-14750	-12571	63.64	STD Dev
		-0.3	-0.6	-24189	-14750	-9439	63.57	0.24017
		-0.2	-0.4	-21033	-14750	-6283	63.66	
		-0.1	-0.2	-17893	-14750	-3143	63.63	
		0.1	0.2	-11601	-14750	3149	63.51	
		0.2	0.4	-8423	-14750	6327	63.22	
		0.3	0.6	-5275	-14750	9475	63.32	
		0.4	0.8	-2116	-14750	12634	63.32	
		0.5	1	1081	-14750	15831	63.17	
		0.55	1.1	2696	-14750	17446	63.05	
		0.6	1.2	4288	-14750	19038	63.03	

$y = -0.1636x + 63.376$

	D	-0.6	-1.2	-32768	-14600	-18168	66.05	Average
		-0.55	-1.1	-31875	-14600	-17275	63.68	63.63
		-0.5	-1	-30278	-14600	-15678	63.78	
		-0.4	-0.8	-27130	-14600	-12530	63.85	STD Dev
		-0.3	-0.6	-24000	-14600	-9400	63.83	0.227411
		-0.2	-0.4	-20865	-14600	-6265	63.85	
		-0.1	-0.2	-17721	-14600	-3121	64.08	
		0.1	0.2	-11455	-14600	3145	63.59	
		0.2	0.4	-8276	-14600	6324	63.25	
		0.3	0.6	-5141	-14600	9459	63.43	
		0.4	0.8	-2016	-14600	12584	63.57	
		0.5	1	1154	-14600	15754	63.48	

$y = -0.2038x + 63.65$
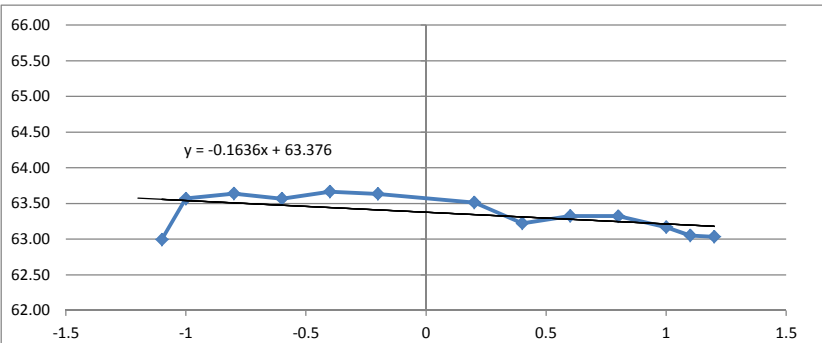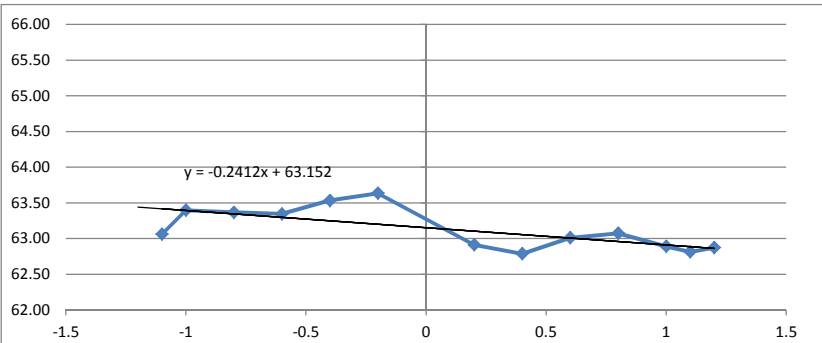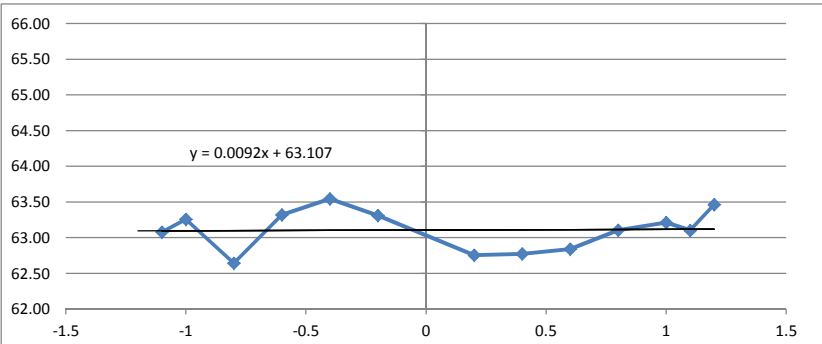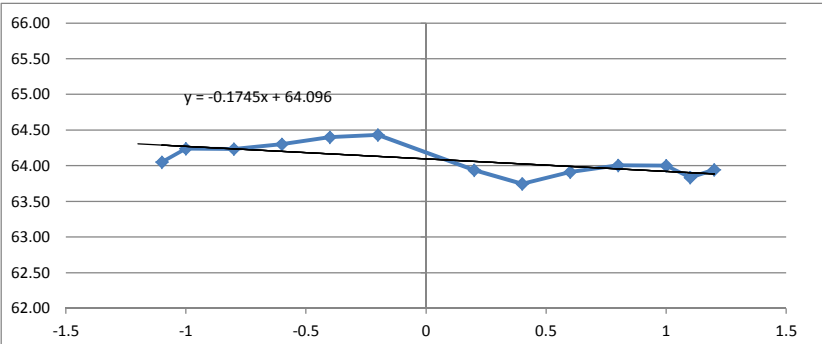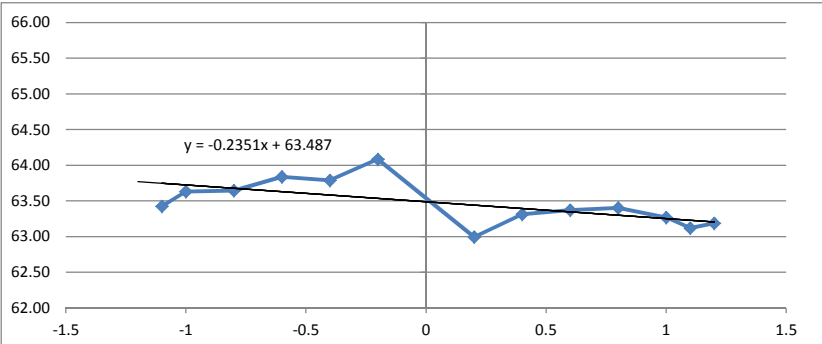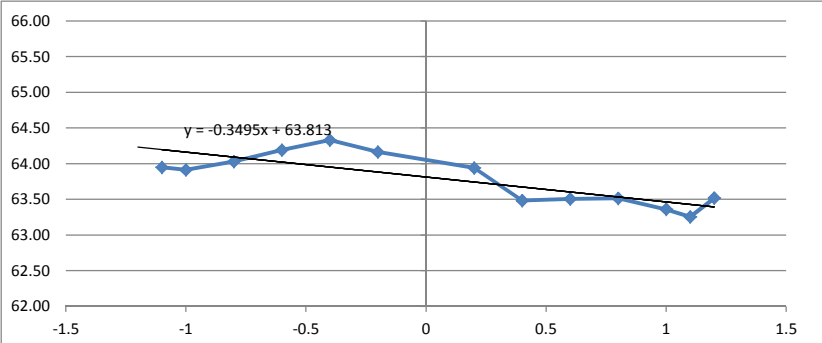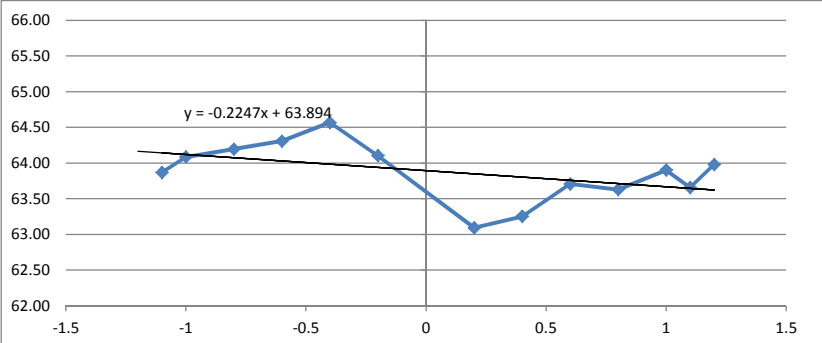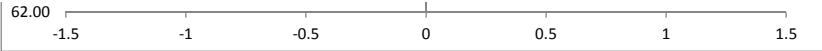
| 0.55 | 1.1 | 2741 | -14600 | 17341 | 63.43 |
| 0.6 | 1.2 | 4331 | -14600 | 18931 | 63.39 |

62.00

| -1.5 | -1 | -0.5 | 0 | 0.5 | 1 | 1.5 |
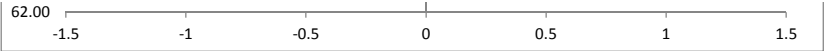
CCD	A/D	FG Output	Actual V	Min Count	Max Count	Difference	Gain (uV/ADU)		
1	A	-0.6	-1.2	-32768	-14670	-18098	66.31	Average	
		-0.55	-1.1	-31956	-14670	-17286	63.64	63.736	
		-0.5	-1	-30362	-14670	-15692	63.73		
		-0.4	-0.8	-27206	-14670	-12536	63.82	STD Dev	
		-0.3	-0.6	-24069	-14670	-9399	63.84	0.191484	
		-0.2	-0.4	-20932	-14670	-6262	63.88		
		-0.1	-0.2	-17816	-14670	-3146	63.57		
		0.1	0.2	-11514	-14670	3156	63.37		
		0.2	0.4	-8370	-14670	6300	63.49		
		0.3	0.6	-5275	-14670	9395	63.86		
		0.4	0.8	-2098	-14670	12572	63.63		
		0.5	1	993	-14670	15663	63.84		
		0.55	1.1	2584	-14670	17254	63.75		
		0.6	1.2	4036	-14670	18706	64.15		
	B	-0.6	-1.2	-32768	-14540	-18228	65.83	Average	
		-0.55	-1.1	-31617	-14540	-17077	64.41	64.282	
		-0.5	-1	-30057	-14540	-15517	64.45		
		-0.4	-0.8	-26944	-14540	-12404	64.50	STD Dev	
		-0.3	-0.6	-23833	-14540	-9293	64.56	0.221122	
		-0.2	-0.4	-20734	-14540	-6194	64.58		
		-0.1	-0.2	-17645	-14540	-3105	64.41		
		0.1	0.2	-11426	-14540	3114	64.23		
		0.2	0.4	-8308	-14540	6232	64.18		
		0.3	0.6	-5205	-14540	9335	64.27		
		0.4	0.8	-2075	-14540	12465	64.18		
		0.5	1	1078	-14540	15618	64.03		
		0.55	1.1	2634	-14540	17174	64.05		
		0.6	1.2	4265	-14540	18805	63.81		
	C	-0.6	-1.2	-32768	-14590	-18178	66.01	Average	
		-0.55	-1.1	-31832	-14590	-17242	63.80	63.775	
		-0.5	-1	-30243	-14590	-15653	63.89		
		-0.4	-0.8	-27097	-14590	-12507	63.96	STD Dev	
		-0.3	-0.6	-23964	-14590	-9374	64.01	0.212366	
		-0.2	-0.4	-20834	-14590	-6244	64.06		
		-0.1	-0.2	-17714	-14590	-3124	64.02		
		0.1	0.2	-11460	-14590	3130	63.90		
		0.2	0.4	-8307	-14590	6283	63.66		
		0.3	0.6	-5169	-14590	9421	63.69		
		0.4	0.8	-2036	-14590	12554	63.72		
		0.5	1	1166	-14590	15756	63.47		
		0.55	1.1	2749	-14590	17339	63.44		
		0.6	1.2	4319	-14590	18909	63.46		
	D	-0.6	-1.2	-32768	-14740	-18028	66.56	Average	
		-0.55	-1.1	-32165	-14740	-17425	63.13	63.166	
		-0.5	-1	-30532	-14740	-15792	63.32		
		-0.4	-0.8	-27363	-14740	-12623	63.38	STD Dev	
		-0.3	-0.6	-24200	-14740	-9460	63.42	0.24344	
		-0.2	-0.4	-21043	-14740	-6303	63.46		
		-0.1	-0.2	-17885	-14740	-3145	63.59		
		0.1	0.2	-11571	-14740	3169	63.11		
		0.2	0.4	-8384	-14740	6356	62.93		
		0.3	0.6	-5225	-14740	9515	63.06		
		0.4	0.8	-2065	-14740	12675	63.12		
		0.5	1	1125	-14740	15865	63.03		
		0.55	1.1	2785	-14740	17525	62.77		
		0.6	1.2	4360	-14740	19100	62.83		
2	A	-0.6	-1.2	-32768	-14530	-18238	65.80	Average	
		-0.55	-1.1	-31603	-14530	-17073	64.43	64.492	
		-0.5	-1	-30023	-14530	-15493	64.55		
		-0.4	-0.8	-26922	-14530	-12392	64.56	STD Dev	
		-0.3	-0.6	-23811	-14530	-9281	64.65	0.173348	
		-0.2	-0.4	-20707	-14530	-6177	64.76		
		-0.1	-0.2	-17626	-14530	-3096	64.60		
		0.1	0.2	-11420	-14530	3110	64.31		
		0.2	0.4	-8288	-14530	6242	64.08		
		0.3	0.6	-5209	-14530	9321	64.37		
		0.4	0.8	-2112	-14530	12418	64.42		
		0.5	1	973	-14530	15503	64.50		
		0.55	1.1	2536	-14530	17066	64.46		
		0.6	1.2	4012	-14530	18542	64.72		
	B	-0.6	-1.2	-32768	-14658	-18110	66.26	Average	
		-0.55	-1.1	-32135	-14658	-17477	62.94	62.96	
		-0.5	-1	-30500	-14658	-15842	63.12		
		-0.4	-0.8	-27328	-14658	-12670	63.14	STD Dev	
		-0.3	-0.6	-24157	-14658	-9499	63.16	0.20186	
		-0.2	-0.4	-20976	-14658	-6318	63.31		
		-0.1	-0.2	-17823	-14658	-3165	63.19		
		0.1	0.2	-11481	-14658	3177	62.95		
		0.2	0.4	-8296	-14658	6362	62.87		
		0.3	0.6	-5119	-14658	9539	62.90		
		0.4	0.8	-1935	-14658	12723	62.88		
		0.5	1	1273	-14658	15931	62.77		
		0.55	1.1	2889	-14658	17547	62.69		
		0.6	1.2	4509	-14658	19167	62.61		
	C	-0.6	-1.2	-32768	-14660	-18108	66.27	Average	
		-0.55	-1.1	-32158	-14660	-17498	62.86	62.919	
		-0.5	-1	-30506	-14660	-15846	63.11		
		-0.4	-0.8	-27334	-14660	-12674	63.12	STD Dev	
		-0.3	-0.6	-24158	-14660	-9498	63.17	0.203935	
		-0.2	-0.4	-20999	-14660	-6339	63.10		
		-0.1	-0.2	-17830	-14660	-3170	63.09		
		0.1	0.2	-11490	-14660	3170	63.09		

y = 0.0516x + 63.732

y = -0.2456x + 64.305

y = -0.2151x + 63.795

y = -0.2245x + 63.186

y = -0.0422x + 64.496

y = -0.2024x + 62.983

y = -0.2007x + 62.938
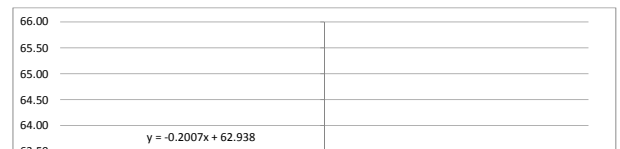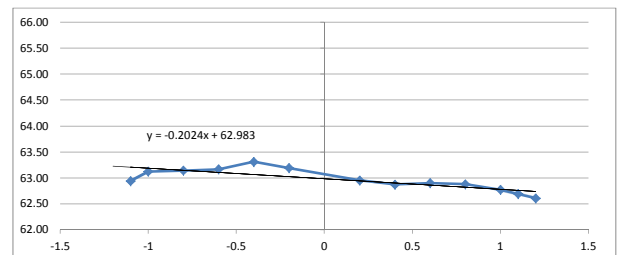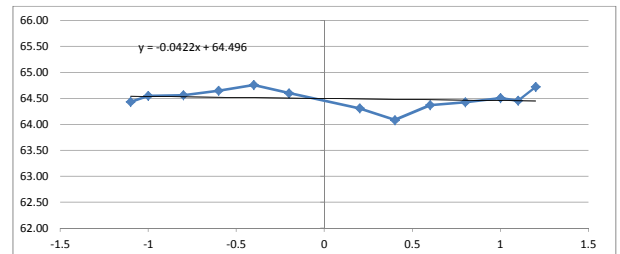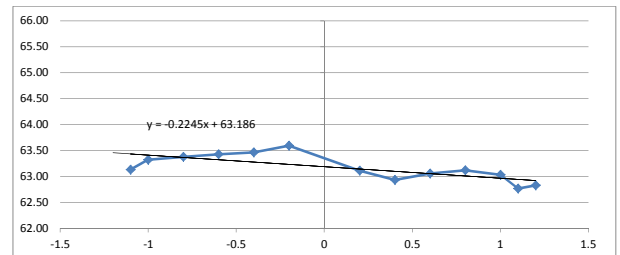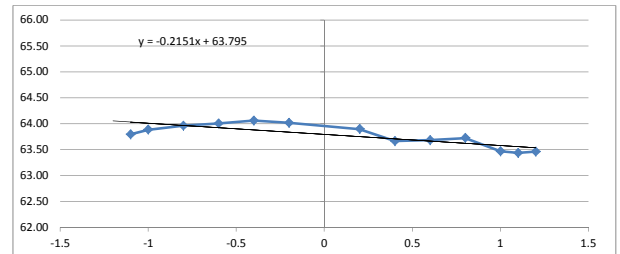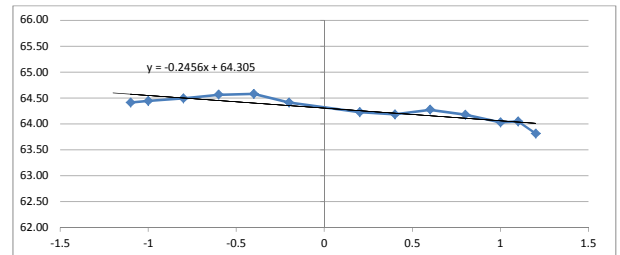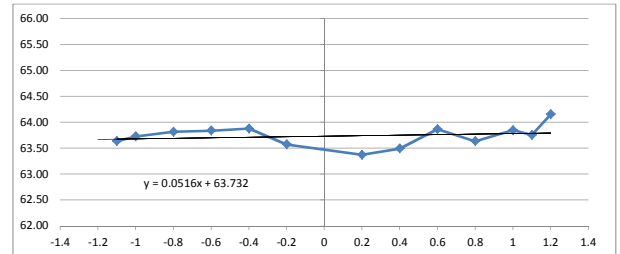
		0.2	0.4	-8292	-14660	6368	62.81	
		0.3	0.6	-5114	-14660	9546	62.85	
		0.4	0.8	-1934	-14660	12726	62.86	
		0.5	1	1280	-14660	15940	62.74	
		0.55	1.1	2903	-14660	17563	62.63	
		0.6	1.2	4538	-14660	19198	62.51	
	D	-0.6	-1.2	-32768	-14590	-18178	66.01	Average
		-0.55	-1.1	-31841	-14590	-17251	63.76	63.722
		-0.5	-1	-30248	-14590	-15658	63.87	
		-0.4	-0.8	-27106	-14590	-12516	63.92	STD Dev
		-0.3	-0.6	-23986	-14590	-9396	63.86	0.147528
		-0.2	-0.4	-20849	-14590	-6259	63.91	
		-0.1	-0.2	-17723	-14590	-3133	63.84	
		0.1	0.2	-11452	-14590	3138	63.73	
		0.2	0.4	-8295	-14590	6295	63.54	
		0.3	0.6	-5160	-14590	9430	63.63	
		0.4	0.8	-2023	-14590	12567	63.66	
		0.5	1	1117	-14590	15707	63.67	
		0.55	1.1	2752	-14590	17342	63.43	
		0.6	1.2	4286	-14590	18876	63.57	
3	A	-0.6	-1.2	-32768	-14710	-18058	66.45	Average
		-0.55	-1.1	-32116	-14710	-17406	63.20	63.66
		-0.5	-1	-30434	-14710	-15724	63.60	
		-0.4	-0.8	-27295	-14710	-12585	63.57	STD Dev
		-0.3	-0.6	-24136	-14710	-9426	63.65	0.187533
		-0.2	-0.4	-20987	-14710	-6277	63.72	
		-0.1	-0.2	-17855	-14710	-3145	63.59	
		0.1	0.2	-11590	-14710	3120	64.10	
		0.2	0.4	-8428	-14710	6282	63.67	
		0.3	0.6	-5290	-14710	9420	63.69	
		0.4	0.8	-2148	-14710	12562	63.68	
		0.5	1	985	-14710	15695	63.71	
		0.55	1.1	2575	-14710	17285	63.64	
		0.6	1.2	4098	-14710	18808	63.80	
	B	-0.6	-1.2	-32768	-14410	-18358	65.37	Average
		-0.55	-1.1	-31603	-14410	-17193	63.98	63.82
		-0.5	-1	-30024	-14410	-15614	64.05	
		-0.4	-0.8	-26903	-14410	-12493	64.04	STD Dev
		-0.3	-0.6	-23761	-14410	-9351	64.16	0.286116
		-0.2	-0.4	-20650	-14410	-6240	64.10	
		-0.1	-0.2	-17522	-14410	-3112	64.27	
		0.1	0.2	-11270	-14410	3140	63.69	
		0.2	0.4	-8106	-14410	6304	63.45	
		0.3	0.6	-5000	-14410	9410	63.76	
		0.4	0.8	-1856	-14410	12554	63.72	
		0.5	1	1328	-14410	15738	63.54	
		0.55	1.1	2934	-14410	17344	63.42	
		0.6	1.2	4505	-14410	18915	63.44	
	C	-0.6	-1.2	-32768	-14690	-18078	66.38	Average
		-0.55	-1.1	-31976	-14690	-17286	63.64	63.65
		-0.5	-1	-30367	-14690	-15677	63.79	
		-0.4	-0.8	-27214	-14690	-12524	63.88	STD Dev
		-0.3	-0.6	-24077	-14690	-9387	63.92	0.267043
		-0.2	-0.4	-20941	-14690	-6251	63.99	
		-0.1	-0.2	-17808	-14690	-3118	64.14	
		0.1	0.2	-11547	-14690	3143	63.63	
		0.2	0.4	-8394	-14690	6296	63.53	
		0.3	0.6	-5244	-14690	9446	63.52	
		0.4	0.8	-2107	-14690	12583	63.58	
		0.5	1	1083	-14690	15773	63.40	
		0.55	1.1	2695	-14690	17385	63.27	
		0.6	1.2	4291	-14690	18981	63.22	
	D	-0.6	-1.2	-32768	-14510	-18258	65.72	Average
		-0.55	-1.1	-31749	-14510	-17239	63.81	63.75
		-0.5	-1	-30158	-14510	-15648	63.91	
		-0.4	-0.8	-27028	-14510	-12518	63.91	STD Dev
		-0.3	-0.6	-23889	-14510	-9379	63.97	0.224939
		-0.2	-0.4	-20760	-14510	-6250	64.00	
		-0.1	-0.2	-17626	-14510	-3116	64.18	
		0.1	0.2	-11371	-14510	3139	63.71	
		0.2	0.4	-8212	-14510	6298	63.51	
		0.3	0.6	-5076	-14510	9434	63.60	
		0.4	0.8	-1943	-14510	12567	63.66	
		0.5	1	1203	-14510	15713	63.64	
		0.55	1.1	2827	-14510	17337	63.45	
		0.6	1.2	4413	-14510	18923	63.41	
4	A	-0.6	-1.2	-32768	-14650	-18118	66.23	Average
		-0.55	-1.1	-32223	-14650	-17573	62.60	62.76
		-0.5	-1	-30585	-14650	-15935	62.75	
		-0.4	-0.8	-27395	-14650	-12745	62.77	STD Dev
		-0.3	-0.6	-24199	-14650	-9549	62.83	0.207501
		-0.2	-0.4	-21011	-14650	-6361	62.88	
		-0.1	-0.2	-17826	-14650	-3176	62.97	
		0.1	0.2	-11451	-14650	3199	62.52	
		0.2	0.4	-8240	-14650	6410	62.40	
		0.3	0.6	-5057	-14650	9593	62.55	
		0.4	0.8	-1905	-14650	12745	62.77	
		0.5	1	1258	-14650	15908	62.86	
		0.55	1.1	2877	-14650	17527	62.76	
		0.6	1.2	4327	-14650	18977	63.23	
	B	-0.6	-1.2	-32768	-14700	-18068	66.42	Average
		-0.55	-1.1	-32101	-14700	-17401	63.21	63.29
		-0.5	-1	-30438	-14700	-15738	63.54	
		-0.4	-0.8	-27291	-14700	-12591	63.54	STD Dev

$y = -0.1544x + 63.736$

$y = 0.1188x + 63.654$

$y = -0.2987x + 63.845$

$y = -0.2541x + 63.678$

$y = -0.2181x + 63.772$

$y = 0.0489x + 62.757$
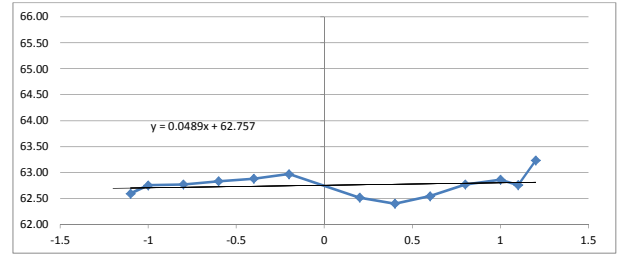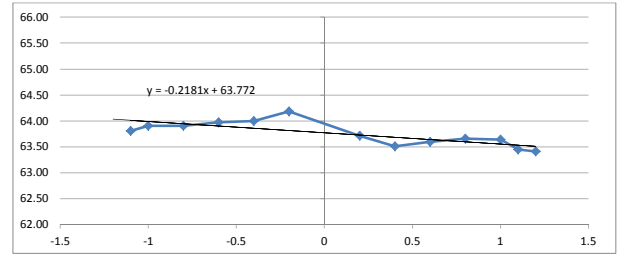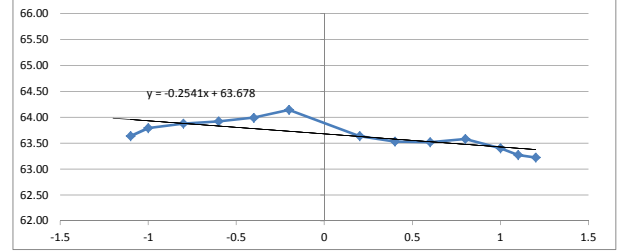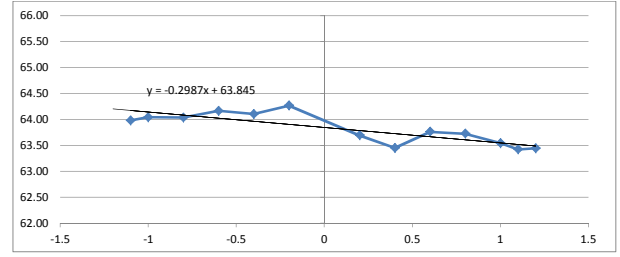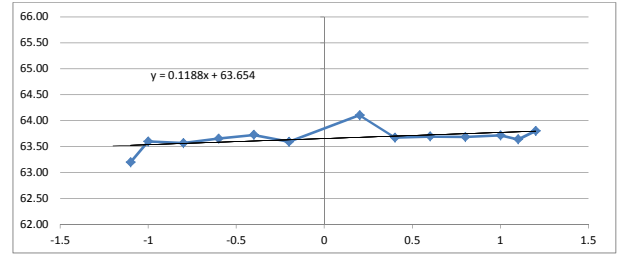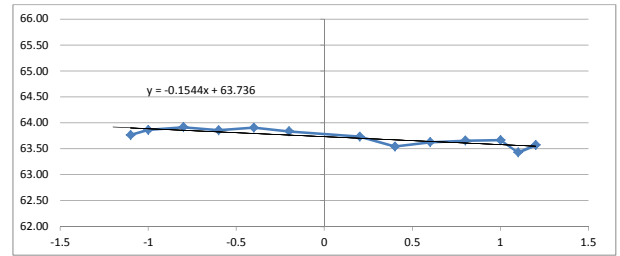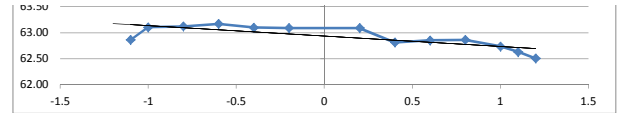
	-0.3	-0.6	-24129	-14700	-9429	63.63	0.231657
	-0.2	-0.4	-20991	-14700	-6291	63.58	
	-0.1	-0.2	-17848	-14700	-3148	63.53	
	0.1	0.2	-11537	-14700	3163	63.23	
	0.2	0.4	-8361	-14700	6339	63.10	
	0.3	0.6	-5208	-14700	9492	63.21	
	0.4	0.8	-2037	-14700	12663	63.18	
	0.5	1	1171	-14700	15871	63.01	
	0.55	1.1	2776	-14700	17476	62.94	
	0.6	1.2	4326	-14700	19026	63.07	
C	-0.6	-1.2	-32768	-14670	-18098	66.31	Average
	-0.55	-1.1	-32001	-14670	-17331	63.47	63.48
	-0.5	-1	-30382	-14670	-15712	63.65	
	-0.4	-0.8	-27221	-14670	-12551	63.74	STD Dev
	-0.3	-0.6	-24073	-14670	-9403	63.81	0.265272
	-0.2	-0.4	-20946	-14670	-6276	63.73	
	-0.1	-0.2	-17796	-14670	-3126	63.98	
	0.1	0.2	-11509	-14670	3161	63.27	
	0.2	0.4	-8353	-14670	6317	63.32	
	0.3	0.6	-5204	-14670	9466	63.38	
	0.4	0.8	-2048	-14670	12622	63.38	
	0.5	1	1142	-14670	15812	63.24	
	0.55	1.1	2756	-14670	17426	63.12	
	0.6	1.2	4340	-14670	19010	63.12	
D	-0.6	-1.2	-32768	-14600	-18168	66.05	Average
	-0.55	-1.1	-31863	-14600	-17263	63.72	63.66
	-0.5	-1	-30279	-14600	-15679	63.78	
	-0.4	-0.8	-27125	-14600	-12525	63.87	STD Dev
	-0.3	-0.6	-23998	-14600	-9398	63.84	0.237426
	-0.2	-0.4	-20854	-14600	-6254	63.96	
	-0.1	-0.2	-17720	-14600	-3120	64.10	
	0.1	0.2	-11459	-14600	3141	63.67	
	0.2	0.4	-8289	-14600	6311	63.38	
	0.3	0.6	-5142	-14600	9458	63.44	
	0.4	0.8	-2009	-14600	12591	63.54	
	0.5	1	1131	-14600	15731	63.57	
	0.55	1.1	2772	-14600	17372	63.32	
	0.6	1.2	4337	-14600	18937	63.37	

y = -0.2319x + 63.313

y = -0.2525x + 63.503

y = -0.2242x + 63.68
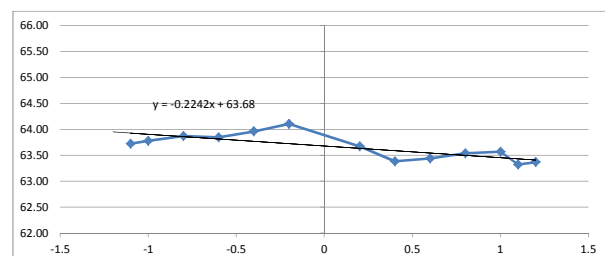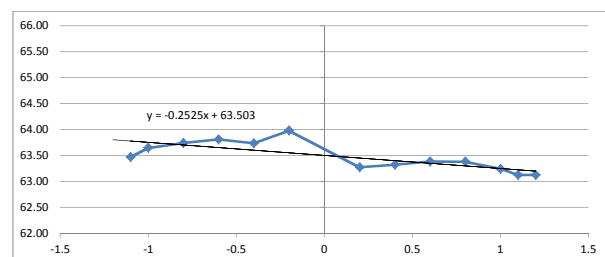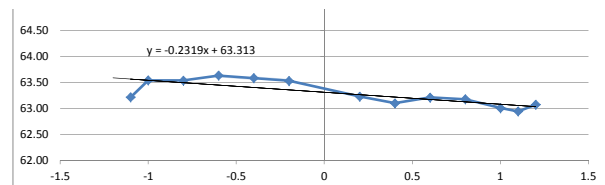
As 1% of expected value

Expected Value			Measured Values					
	CCD1	%Error	CCD2	%Error	CCD3	%Error	CCD4	%Error
1.856	1.851	-0.27%	1.853	-0.16%	1.852	-0.22%	1.87	0.75%
2.014	2.003	-0.55%	2.026	0.60%	2.03	0.79%	2.014	0.00%
0.959	0.953	-0.63%	0.965	0.63%	0.969	1.04%	0.987	2.92%
2.076	2.062	-0.67%	2.07	-0.29%	2.055	-1.01%	2.06	-0.77%
0.516	0.522	1.16%	0.509	-1.36%	0.528	2.33%	0.522	1.16%
1.976	1.997	1.06%	1.98	0.20%	1.97	-0.30%	1.983	0.35%
2.659	2.647	-0.45%	2.662	0.11%	2.659	0.00%	2.661	0.08%
2.659	2.663	0.15%	2.675	0.60%	2.668	0.34%	2.655	-0.15%

As 1% of full scale

Expected Value			Measured Values					
	CCD1	%Error	CCD2	%Error	CCD3	%Error	CCD4	%Error
1.856	1.851	-0.15%	1.853	-0.09%	1.852	-0.12%	1.87	0.42%
2.014	2.003	-0.33%	2.026	0.36%	2.03	0.48%	2.014	0.00%
0.959	0.953	-0.18%	0.965	0.18%	0.969	0.30%	0.987	0.85%
2.076	2.062	-0.42%	2.07	-0.18%	2.055	-0.64%	2.06	-0.48%
0.516	0.522	0.18%	0.509	-0.21%	0.528	0.36%	0.522	0.18%
1.976	1.997	0.64%	1.98	0.12%	1.97	-0.18%	1.983	0.21%
2.659	2.647	-0.36%	2.662	0.09%	2.659	0.00%	2.661	0.06%
2.659	2.663	0.12%	2.675	0.48%	2.668	0.27%	2.655	-0.12%

940	2368	1.9078
06FB	1787	1.4397
730	1840	1.4824
0CD9	3289	2.6498
0CC4	3268	2.6329
0	0	0.0000
0ED8	3800	3.0615
	0	0.0000
0CDE	3294	2.6539
0CDE	3294	2.6539
0CDE	3294	2.6539
0CDE	3294	2.6539