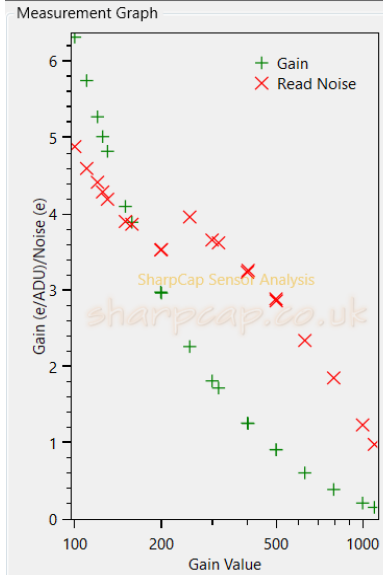


Sensoranalyse

Kamera Mode

TS410CP LCG

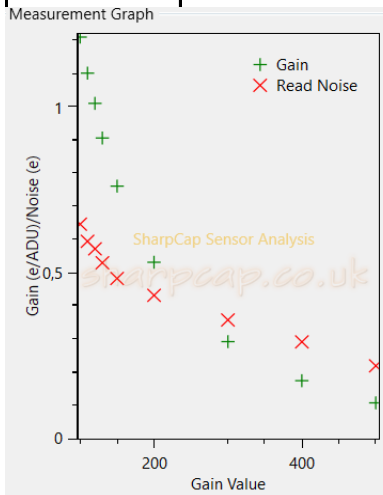


Results

Measured Sensor Bit Depth : 14 Sensor Linear to : 99,7 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	6.32	4.88	103495.49	1.00	0.00	14.00
110	5.75	4.60	94167.09	1.10	0.82	14.00
120	5.27	4.42	86386.18	1.20	1.57	14.00
125	5.01	4.29	82131.00	1.26	2.01	14.00
130	4.82	4.19	78985.82	1.31	2.35	14.00
150	4.10	3.90	67160.74	1.54	3.76	14.00
158	3.89	3.87	63761.08	1.62	4.21	14.00
199	2.98	3.53	48751.11	2.12	6.54	13.75
200	2.96	3.53	48529.19	2.13	6.58	13.75
251	2.26	3.96	37048.55	2.79	8.92	13.19
300	1.81	3.66	29692.37	3.49	10.85	12.99
316	1.72	3.62	28165.26	3.67	11.30	12.93
398	1.26	3.24	20621.66	5.02	14.01	12.64
400	1.25	3.26	20525.40	5.04	14.05	12.62
500	0.91	2.89	14926.04	6.93	16.82	12.34
501	0.91	2.86	14882.61	6.95	16.84	12.34
630	0.61	2.34	9912.61	10.44	20.37	12.05
794	0.39	1.85	6344.74	16.31	24.25	11.74
1000	0.21	1.23	3458.04	29.93	29.52	11.45
1099	0.15	0.98	2529.30	40.92	32.24	11.33

TS410CP HGC



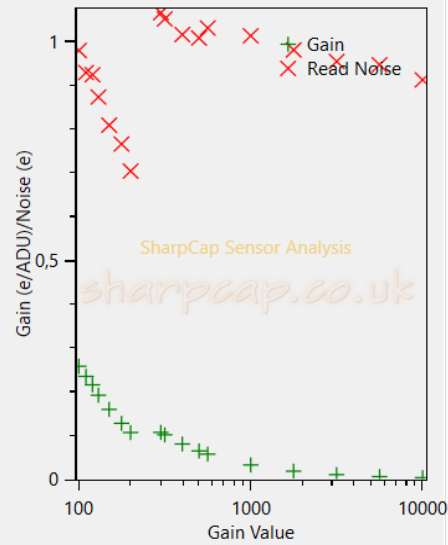
Results

Measured Sensor Bit Depth : 14 Sensor Linear to : 99,2 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	1.21	0.65	19854.93	1.00	0.00	14.00
110	1.10	0.59	18066.54	1.10	0.82	14.00
120	1.01	0.57	16571.93	1.20	1.57	14.00
130	0.91	0.53	14857.67	1.34	2.52	14.00
150	0.76	0.48	12477.31	1.59	4.03	14.00
200	0.53	0.43	8704.89	2.28	7.16	14.00
300	0.29	0.36	4775.36	4.16	12.38	13.71
400	0.17	0.29	2845.07	6.98	16.88	13.26
500	0.11	0.22	1744.58	11.38	21.12	12.96

TS2600CP | HGC

Measurement Graph



Results

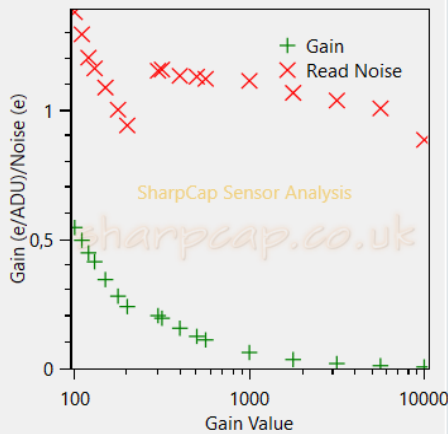
Measured Sensor Bit Depth : 16

Sensor Linear to : 16,0 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	0.26	0.98	16886.61	1.00	0.00	14.07
110	0.23	0.93	15368.79	1.10	0.82	14.01
120	0.22	0.92	14099.43	1.20	1.57	13.90
130	0.19	0.87	12546.33	1.35	2.58	13.81
150	0.16	0.81	10421.66	1.62	4.19	13.65
177	0.13	0.77	8334.65	2.03	6.13	13.41
200	0.11	0.70	6964.35	2.42	7.69	13.27
300	0.11	1.07	6993.60	2.41	7.66	12.68
316	0.10	1.05	6633.28	2.55	8.12	12.62
400	0.08	1.02	5241.94	3.22	10.16	12.33
500	0.06	1.01	4200.15	4.02	12.09	12.03
562	0.06	1.03	3734.12	4.52	13.11	11.82
1000	0.03	1.01	2099.41	8.04	18.11	11.02
1778	0.02	0.98	1179.53	14.32	23.12	10.23
3162	0.01	0.95	664.10	25.43	28.11	9.44
5623	0.01	0.95	369.09	45.75	33.21	8.61
10000	0.00	0.91	208.26	81.08	38.18	7.83

TS2600CP | Fullwell

Measurement Graph



Results

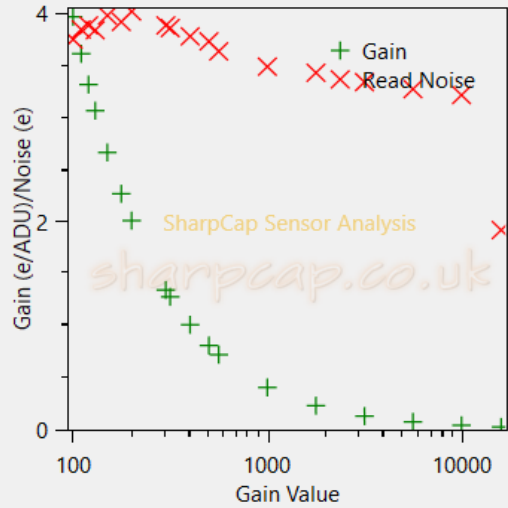
Measured Sensor Bit Depth : 16

Sensor Linear to : 17,6 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	0.55	1.38	35763.85	1.00	0.00	14.66
110	0.50	1.29	32550.20	1.10	0.82	14.62
120	0.45	1.20	29329.22	1.22	1.72	14.57
130	0.41	1.16	27087.02	1.32	2.41	14.51
150	0.34	1.09	22561.20	1.59	4.00	14.34
177	0.28	1.00	18382.64	1.95	5.78	14.16
200	0.24	0.94	15702.32	2.28	7.15	14.03
300	0.20	1.15	13433.97	2.66	8.50	13.51
316	0.19	1.16	12747.59	2.81	8.96	13.43
400	0.16	1.13	10214.56	3.50	10.88	13.14
500	0.12	1.13	8176.41	4.37	12.82	12.82
562	0.11	1.12	7265.25	4.92	13.84	12.66
1000	0.06	1.11	4083.22	8.76	18.85	11.84

TS294CP LGC

Measurement Graph



Results

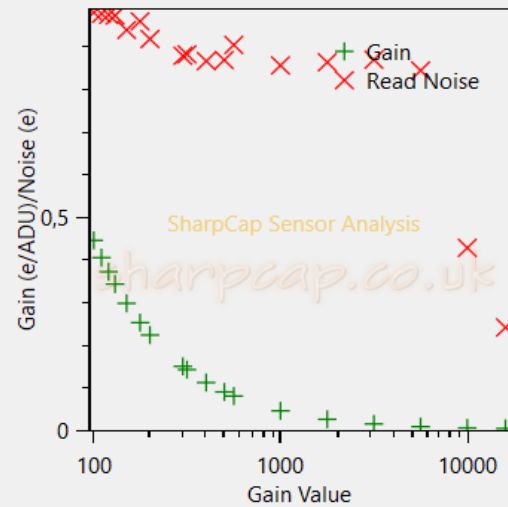
Measured Sensor Bit Depth : 14

Sensor Linear to : 99,6 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	3.97	3.75	65016.70	1.00	0.00	14.00
110	3.61	3.85	59202.88	1.10	0.81	13.91
120	3.32	3.89	54355.96	1.20	1.56	13.77
130	3.07	3.84	50244.75	1.29	2.24	13.68
150	2.66	3.98	43662.76	1.49	3.46	13.42
177	2.27	3.92	37157.78	1.75	4.86	13.21
200	2.01	4.02	32919.25	1.98	5.91	13.00
300	1.34	3.89	22009.74	2.95	9.41	12.47
316	1.28	3.86	20921.87	3.11	9.85	12.40
400	1.01	3.78	16538.65	3.93	11.89	12.09
500	0.81	3.73	13268.48	4.90	13.80	11.80
562	0.72	3.64	11833.11	5.49	14.80	11.67
1000	0.41	3.49	6667.19	9.75	19.78	10.90

TS294CP HGC

Measurement Graph



Results

Measured Sensor Bit Depth : 14

Sensor Linear to : 99,6 % [Copy Data to Clipboard](#)

Gain Value	e/ADU	Read Noise (e)	Full Well (e)	Relative Gain	Rel. Gain (db)	Dynamic Range (Stops)
100	0.45	0.98	7310.53	1.00	0.00	12.86
110	0.41	0.98	6649.14	1.10	0.82	12.73
120	0.37	0.98	6104.43	1.20	1.57	12.61
130	0.34	0.98	5629.98	1.30	2.27	12.50
150	0.30	0.94	4886.94	1.50	3.50	12.34
177	0.25	0.96	4146.86	1.76	4.92	12.07
200	0.22	0.92	3668.35	1.99	5.99	11.96
300	0.15	0.88	2456.12	2.98	9.47	11.45
316	0.14	0.88	2334.87	3.13	9.91	11.37
400	0.11	0.87	1838.02	3.98	11.99	11.05
500	0.09	0.87	1474.47	4.96	13.91	10.73
562	0.08	0.91	1317.62	5.55	14.88	10.51
1000	0.05	0.86	745.58	9.81	19.83	9.76