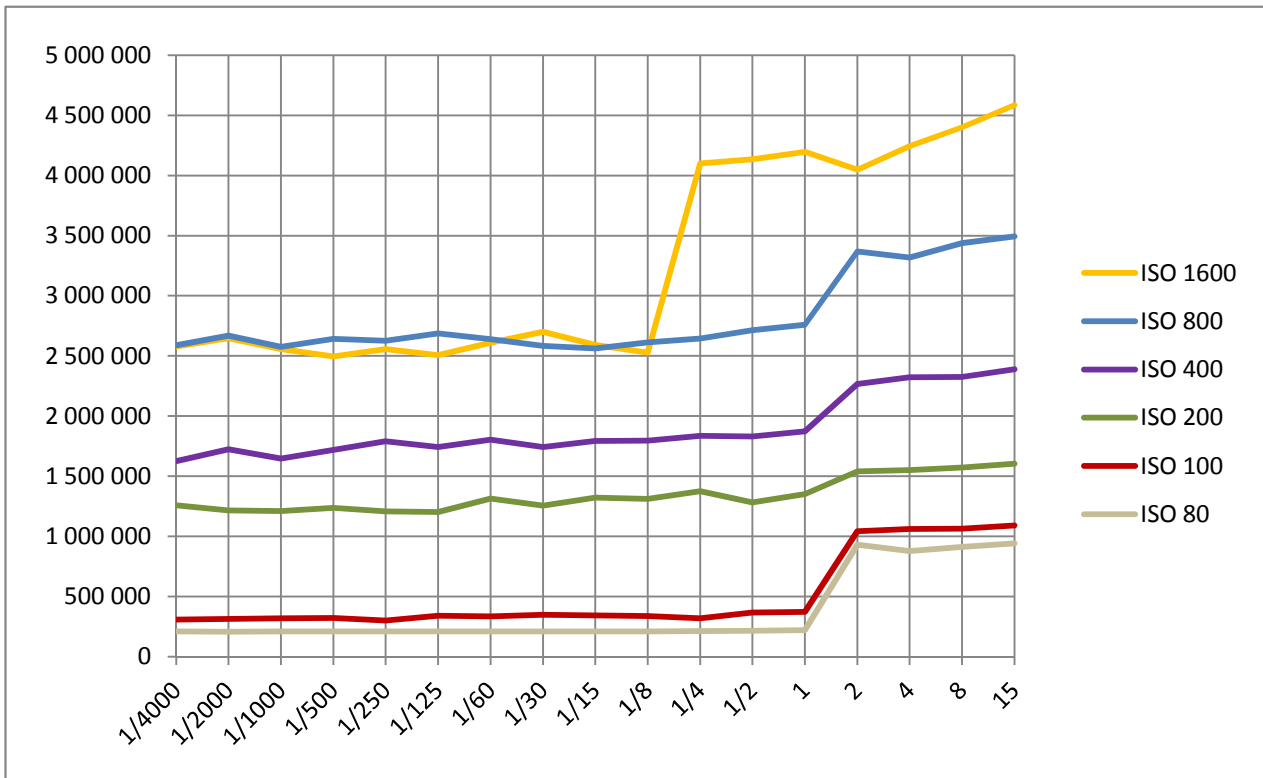


File size as a measure of picture noise in Canon PS-G10

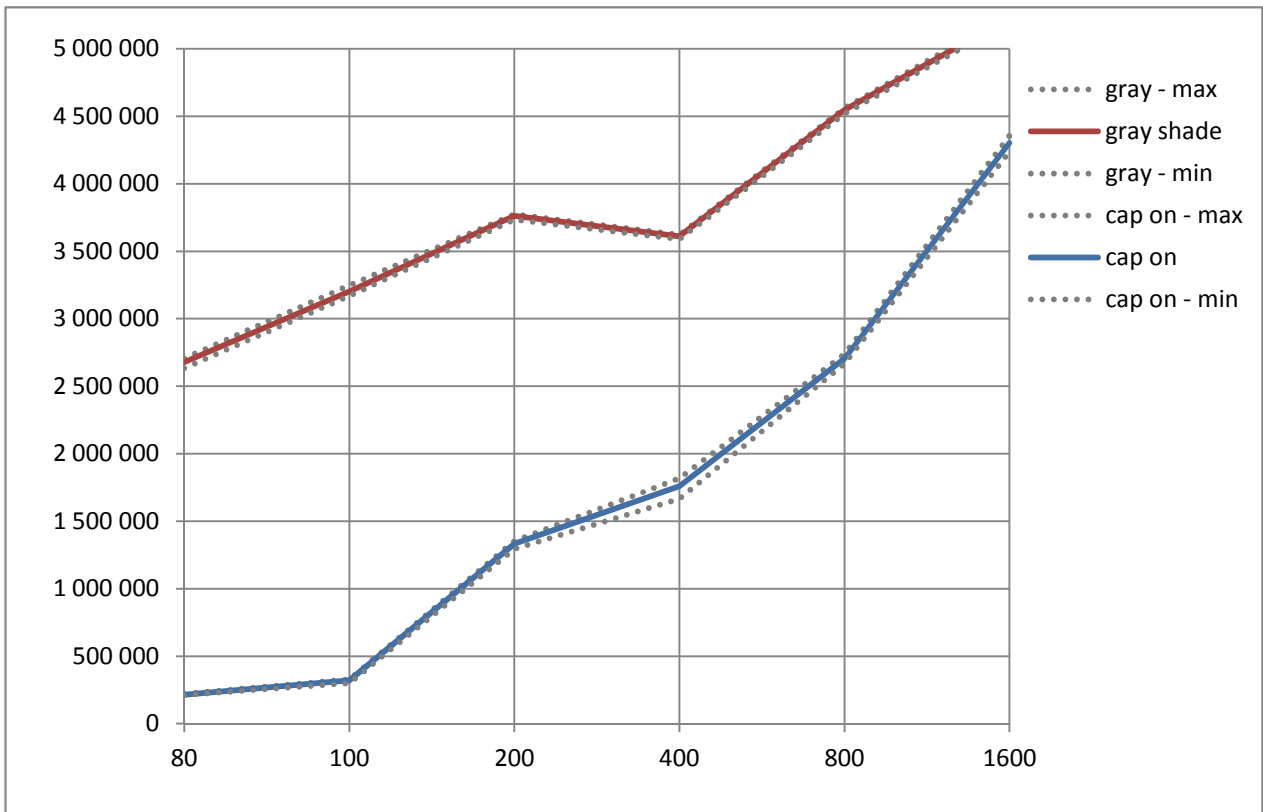
as a function of exposure time
lens cap on



based on single shots

File size as a measure of picture noise in Canon PS-G10

as a function of ISO speed



based on average value of 10 shots

File size as a measure of picture noise in Canon PS-G10

as a function of exposure time

lens cap on

exposure	ISO 80	ISO100	ISO200	ISO400	ISO800	ISO1600
1/4000	208 868	308 316	1 256 724	1 625 738	2 589 102	2 578 769
1/2000	207 754	314 447	1 216 414	1 723 265	2 668 132	2 647 036
1/1000	208 750	319 533	1 209 852	1 645 555	2 574 557	2 558 011
1/500	208 646	319 979	1 237 394	1 718 871	2 642 269	2 495 840
1/250	208 149	301 209	1 207 444	1 790 608	2 625 696	2 557 592
1/125	208 827	339 953	1 203 037	1 741 223	2 688 017	2 506 736
1/60	209 438	334 222	1 312 996	1 804 312	2 638 287	2 610 907
1/30	209 752	347 362	1 256 684	1 743 504	2 584 432	2 700 544
1/15	209 790	342 790	1 322 781	1 792 094	2 563 344	2 592 676
1/8	209 567	336 462	1 311 428	1 794 723	2 612 047	2 526 814
1/4	212 270	319 825	1 375 301	1 835 587	2 645 126	4 101 023
1/2	214 591	367 244	1 282 183	1 831 424	2 714 919	4 135 924
1	219 788	372 083	1 352 321	1 872 320	2 758 634	4 197 386
2	929 518	1 042 321	1 540 575	2 267 306	3 368 206	4 048 363
4	877 256	1 060 663	1 550 385	2 323 605	3 318 341	4 244 610
8	911 445	1 062 566	1 572 843	2 325 651	3 437 400	4 400 171
15	942 051	1 090 944	1 604 538	2 390 114	3 492 815	4 584 132

aperture value F 8.0

File size as a measure of picture noise in Canon PS-G10

as a function of ISO speed

gray shade

ISO	exposure	file size average	min.	max.	difference max-min	difference/average	standard deviation
80	1/25	2 678 875	2 633 479	2 706 805	73 326	0,027	18 249
100	1/30	3 202 060	3 169 180	3 247 929	78 749	0,025	16 541
200	1/60	3 762 118	3 734 079	3 773 141	39 062	0,010	7 697
400	1/125	3 611 552	3 589 794	3 623 210	33 416	0,009	7 622
800	1/250	4 547 530	4 518 397	4 560 736	42 340	0,009	9 255
1600	1/500	5 228 028	5 202 361	5 257 126	54 765	0,010	17 025

aperture value F 7.1

lens cap on

ISO	exposure	file size average	min.	max.	difference max-min	difference/average	standard deviation
80	1/4000	213 951	211 673	221 706	10 033	0,047	1 677
100	1/4000	321 140	299 772	328 710	28 937	0,090	5 472
200	1/4000	1 332 290	1 293 141	1 351 975	58 834	0,044	10 849
400	1/4000	1 759 066	1 664 964	1 817 795	152 831	0,087	41 904
800	1/4000	2 704 598	2 666 604	2 737 849	71 245	0,026	16 498
1600	1/4000	4 302 537	4 236 975	4 355 822	118 846	0,028	24 544

aperture value F 8.0

image sensor size		
x	4 416	pixel
y	3 312	pixel
	14,6	Mpx

NOTE:

**All of the data have been normalized to 10 Mpx,
in order to simplify comparison with other cameras.**