List of my e-paper displays and their update times and behavior

size	resolution		panel	controller	full update	partial update			comment
inches	depth	pixel			time sec	time sec	to buffer	to screen	
1.54	b/w	200x200	GDEP015OC1	IL3829	1.2	0.3	√	√	
1.54	3-color	200x201	GDEW0154Z04	IL0376F	7.2	7.2	-	-	controller has no window part addressing
2.31	b/w	128x250	GDE0213B1	IL3895	3.9	0.3	√	√	
2.31	3-color	104x212	GDEW0213Z16	IL0373	15	15	√	√	screen boarder flashes also
2.7	b/w	176x264	GDEW027W3	IL91874	3.8	3.8	√	√	no wavetable for "fast partial update" available
2.7	3-color	176x264	GDEW027C44	IL91874	16	16	√	√	leaves visible boarder of partial window
2.9	b/w	128x296	GDEH029A1	IL3820	1.6	0.42	√	√	
2.9	3-color	128x296	GDEW029Z10	IL0373	15	15	√	√	screen boarder flashes also
4,2	b/w	400x300	GDEW042T2	IL0398	4.2	1	√	√	modified wavetable for "fast partial update"
4.2	3-color	400x300	GDEW042Z15	IL0398	16	16	√	-	refresh to partial screen would modify the other half screen
5.83	b/w	600x448	GDEW0583T7	IL0371	15	15	√	-	controller provides no differential update
7.5	b/w	640x384	GDEW075T8	IL0371	4.3	4.3	√	-	controller provides no differential update
7.5	3-color	640x384	GDEW075Z09	IL0371	32	32	√	-	controller provides no differential update

times are "busy active" times after refresh command sent to controller
"-" partial update to screen: whole screen updates (and flashes)

4.2" b/w: GxEPD uses modified wavetable for "fast partial update", similar to "Ben Krasnov" but with better persistence