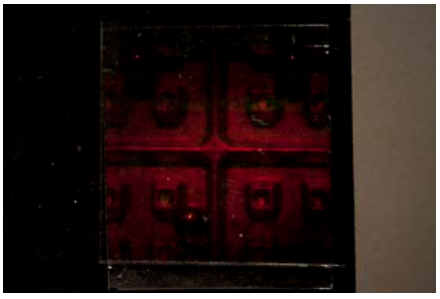
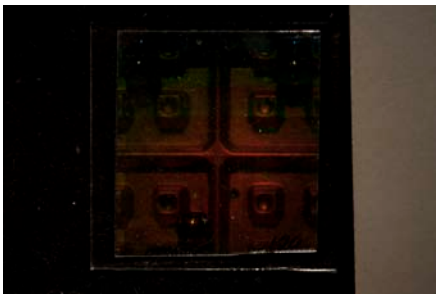
#167: Bayer Photopolymer, 532 nm, bad lamination, missing most of hologram. Accidentally laminated cover sheet side to glass, not polymer.

#168: Bayer Photopolymer, 532 and 632 nm simultaneously, orangey, not yellow. Maybe cutting red down to the proportion of 36/80 which is the ratio of the recommended doses will yield something good.

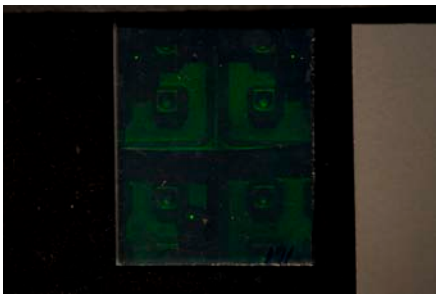


#169: Bayer Photopolymer, 633 nm for a half hour, pretty solid, but lamination needs to get under control!

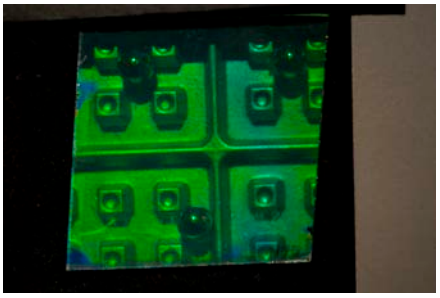


#170: Bayer Photopolymer, 40 mJ/cm2 at 532 first, then finished with red turned on. Looks more orange than above, but green is hardly noticed.

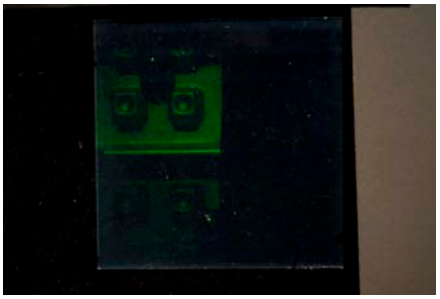
From the 4 above it appears that there is a very real need to get lamination under control before trying any more experiments with it!



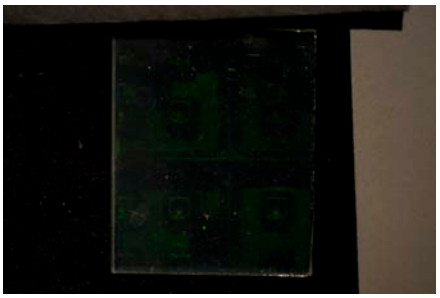
#171: Harman Green, 200, 400, 800, 1600 uJ/cm^2 at 532 nm, 30” JD-4 @65F w/cold pre-soak, TJ Bleach. Not very bright, however the minimal expo was the brightest!



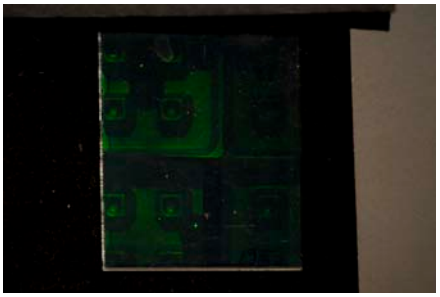
#172: Sphere-S GEO-3, 6000 uJ/cm^2 at 532 nm, 30” JD-4 @65F w/cold pre-soak, TJ Bleach. This one is to be painted black for the primo collection.



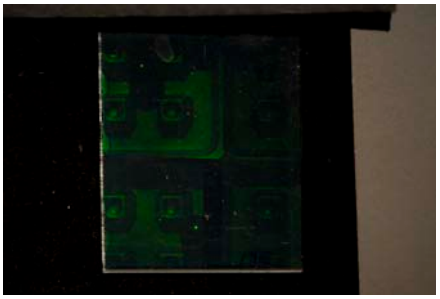
#173: Slavich PFG-03M, 3000, 6000 12,000, 24,000 uJ/cm^2 at 532 nm, 30” JD-4 @65F w/cold pre-soak, TJ Bleach. Only the longest had any density, but the quality was OK. But 24,000 expo was 128” expo!



#174: Harman Green, 200, 400, 800, 1600 uJ/cm^2 at 532 nm, 30" CWC2 @ 68F, and TJ Bleach. Like no density!



#175: Harman Green, 200, 400, 800, 1600 uJ/cm^2 at 532 nm, 1' CWC2 @ 68F, and TJ Bleach.



#176: Harman Green, 200, 400, 800, 1600 uJ/cm^2 at 532 nm, 2' CWC2 @ 68F, and TJ Bleach.

Giving Harman another chance, but the old stalwart, CWC2, just didn't give anything of merit. I have this suspicious that Ascorbic Acid developers (LN-7 didn't work well either!) are incompatible with this material. And it didn't seem to like the cold water process, either!

#177: Sphere-S GEO-3, 3000, 6000 9000, 12,000 uJ/cm^2 at 532 nm, 30" JD-4 @65F w/cold pre-soak, TJ Bleach. Shifted to blue as expected, however it wasn't very bright. Maybe this bleach is not good for the material.

Grand Finale: It looks like the GEO-3 is the reflection hologram material we have been waiting for! It gives good solid red and green images with minimal fuss. Once the cold water processing was discovered to work, the formaldehyde bath was eliminated, and repeatable easy results can be attained.

There are other things to play with, like different bleaches, but I think that the same results will be found no matter which one is used. That could wait for another time, let's move on to the next thing!