

Sector 0 Blocks Fiber Loss over Time

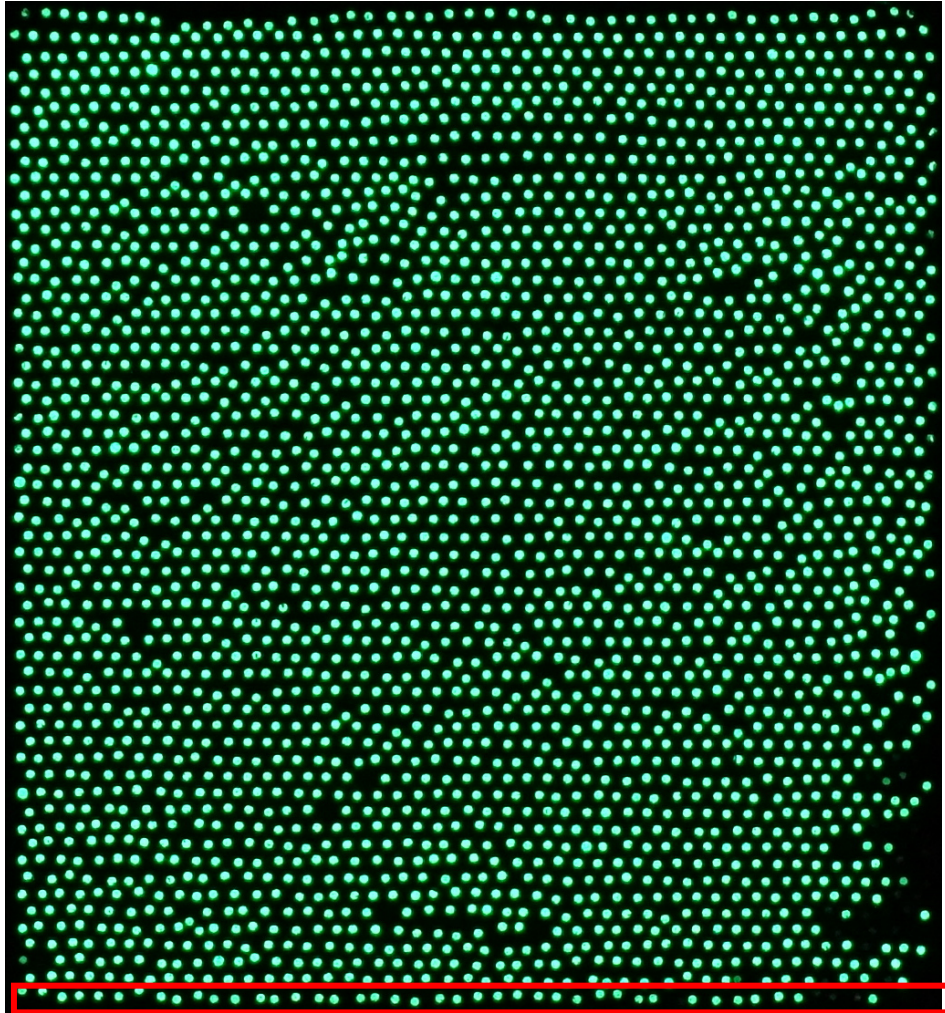
Xiaoning Wang (UIUC)

March 20, 2020

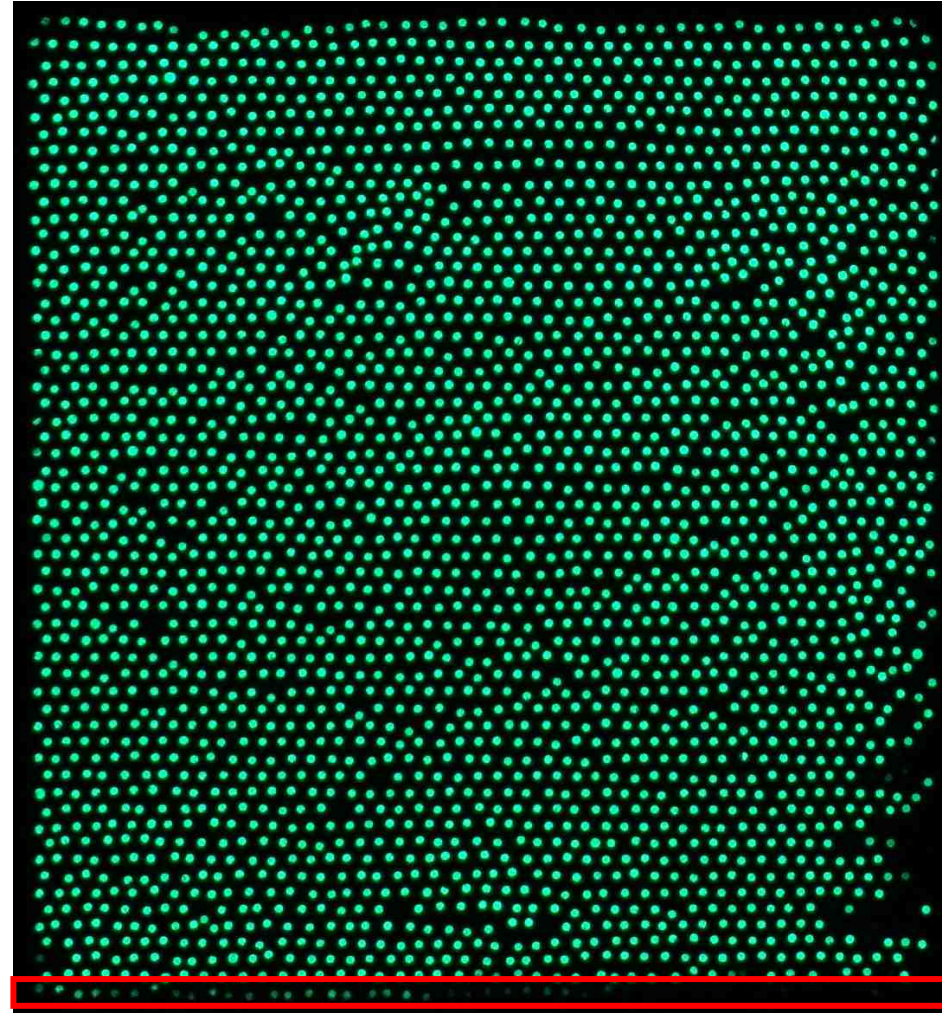
- 2 Sector 0 Blocks could be re-tested and were re-tested at UIUC.
- 1 of them lost a row of fibers (~1.3%) between the first test and re-test (see slide 3)
- The other block shows no significant loss of fibers (see slide 4)

DBN	BLK	Notes	Potting Date	Alcohol	1 st Test Date	1 st Test Result	2 nd Test Date	2 nd Test Result	Difference
172	8	Sector 0	3/5/2019	0	4/8/2019	98.09%	2/27/2020	96.78%	-1.31%
190	19	Sector 0	2/26/2019	0	3/26/2019	97.79%	2/27/2020	97.68%	-0.11%

- 1 of them lost a row of fibers ($\sim 1.3\%$) between the first test and re-test



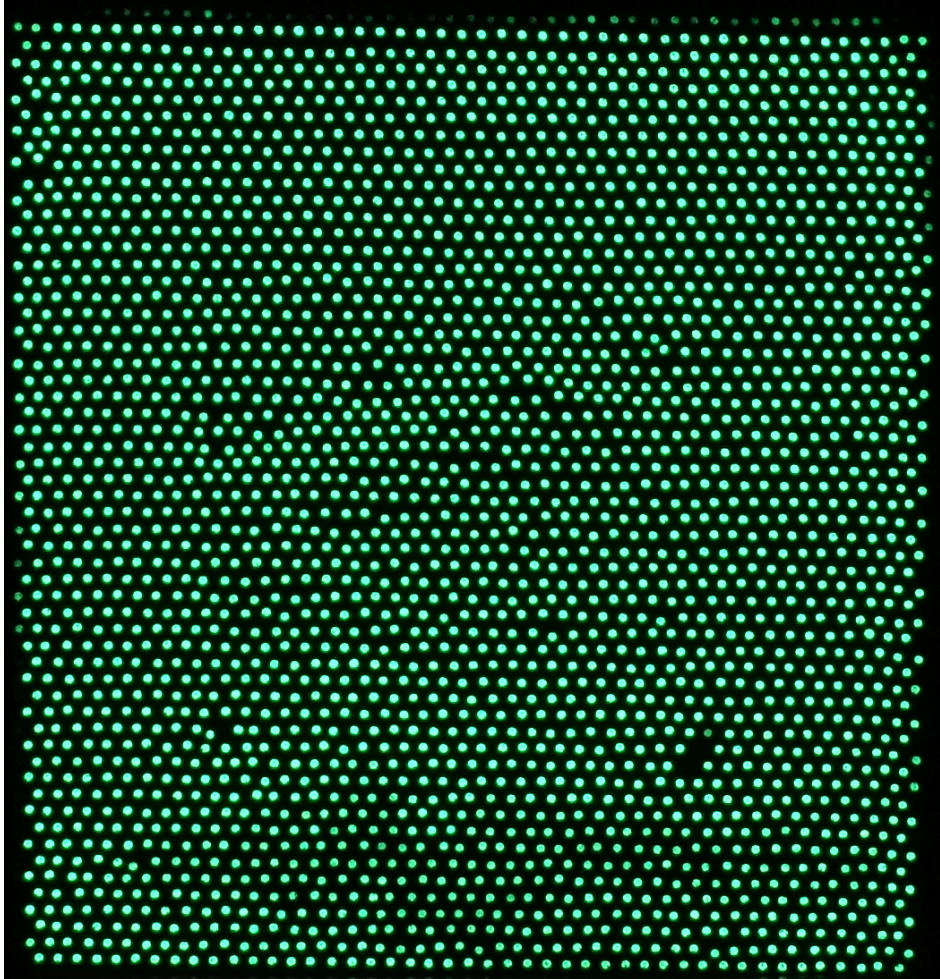
Tested April 8, 2019, 98.09%



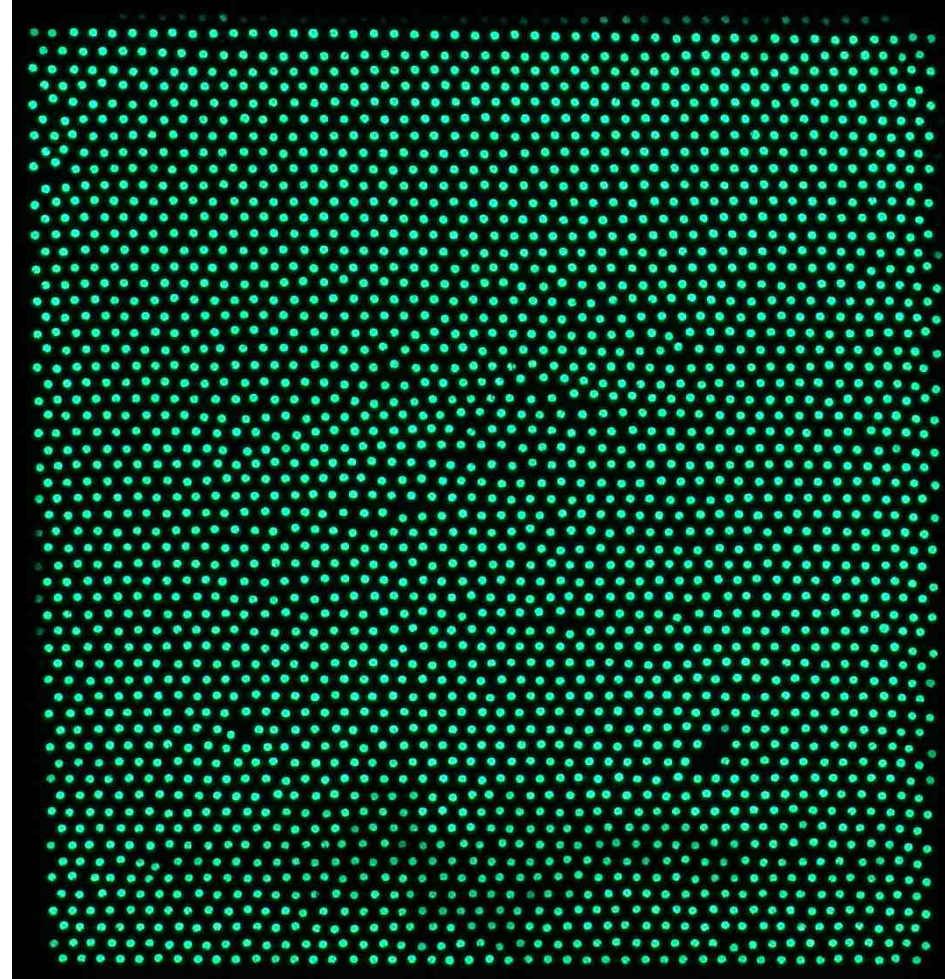
Tested Feb 27, 2020, 96.78%

DBN 172,
Potted March
5, 2019

- No significant loss of fibers seen on the other block



Tested March 26, 2019, 97.79%



Tested Feb 27, 2020, 97.68%

DBN 190,
Potted Feb 26,
2019