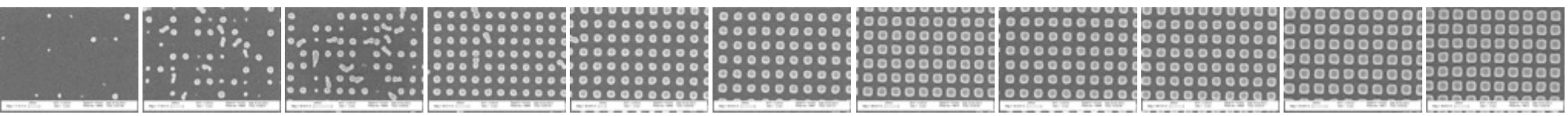
Contact Bias (bright)
CD = 20 nm
IMO 220846 vs. IMO 228775

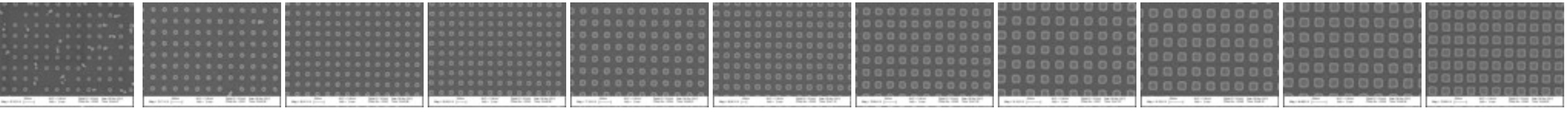
IMO220846

-25% -20% -15% -10% -5% 0% 5% 10% 15% 20% 25%



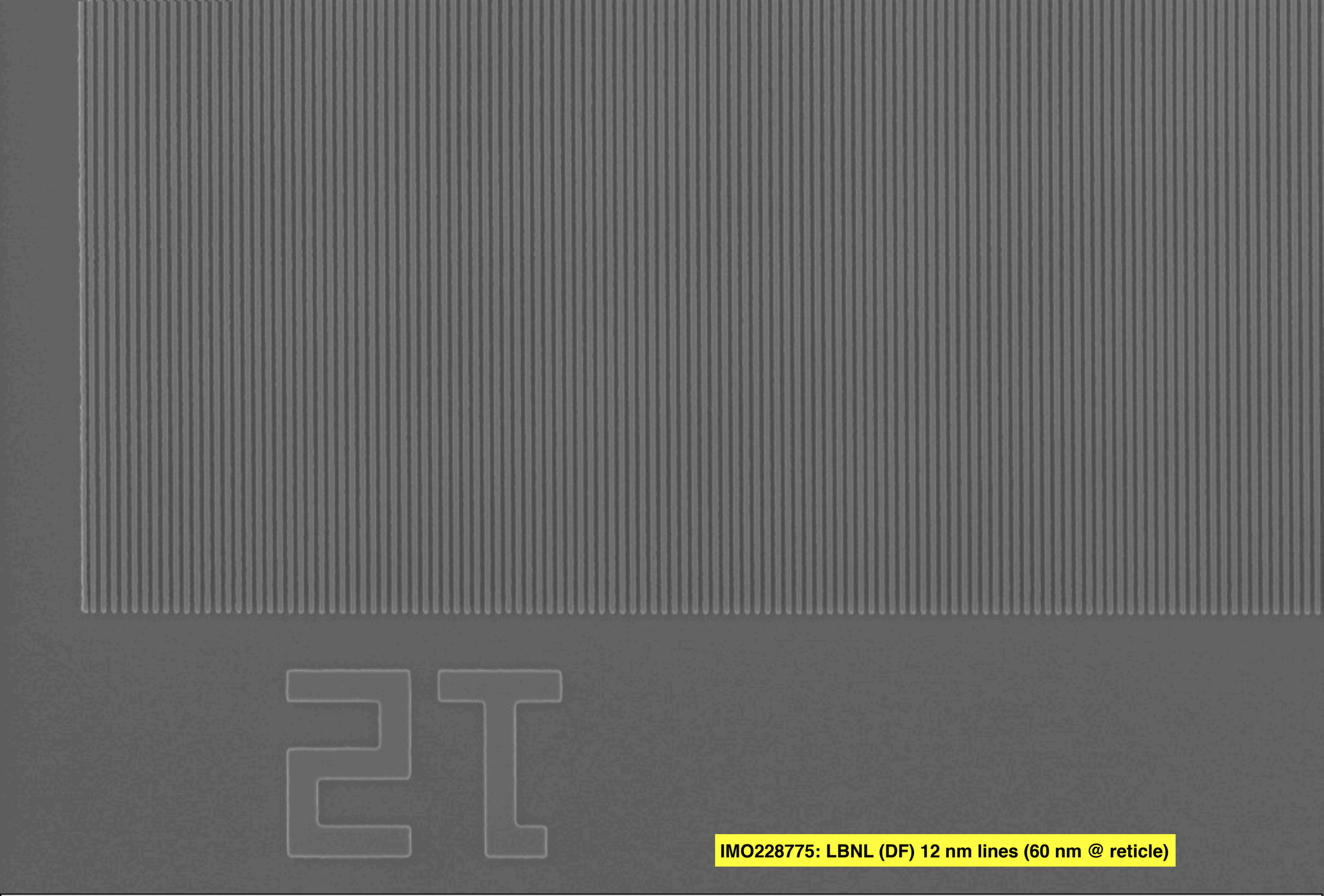
IMO228775

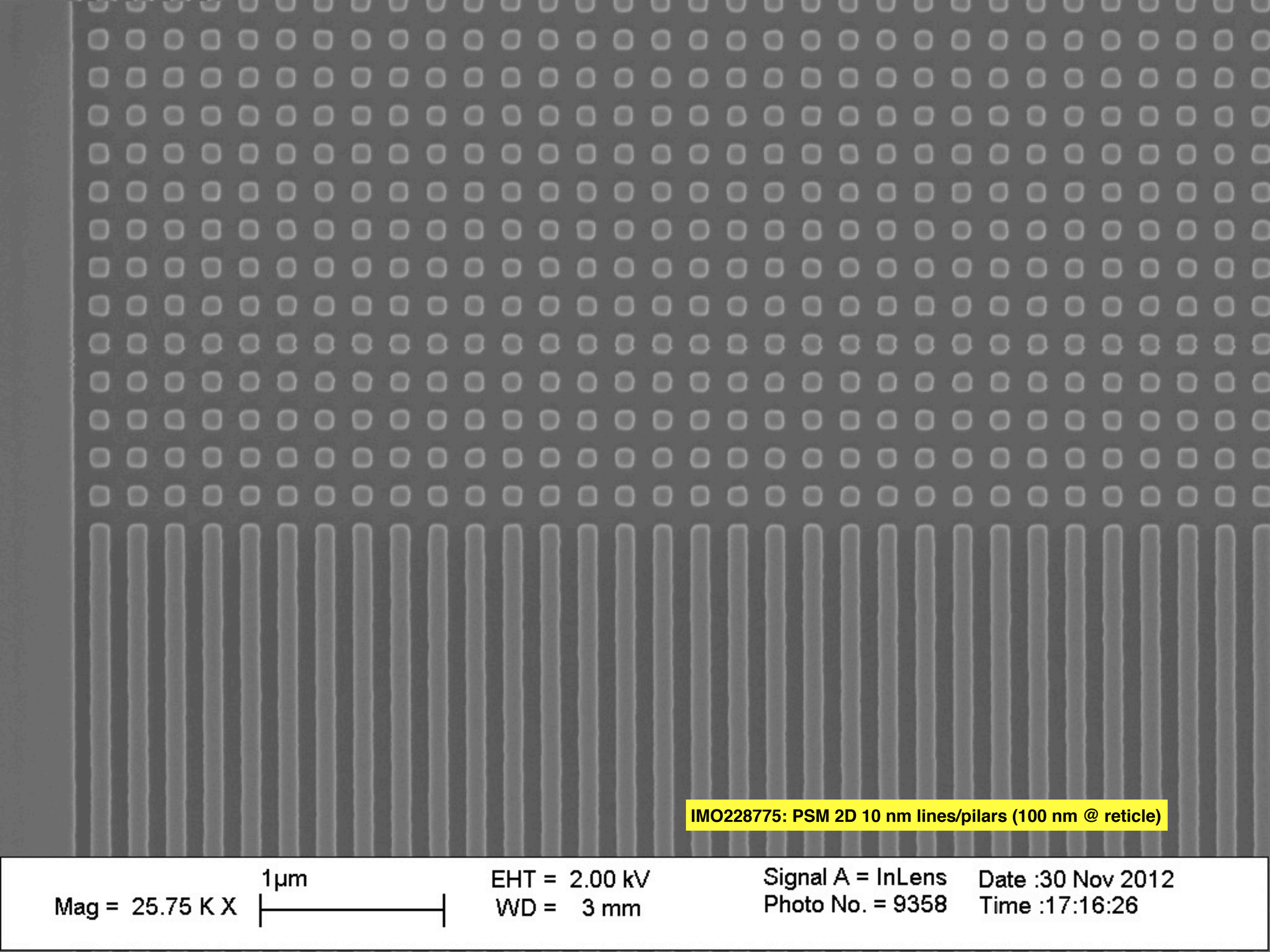
-25% -20% -15% -10% -5% 0% 5% 10% 15% 20% 25%



IMO228775: Superior performance of under-biased bright-field pillars

200nm
Mag = 90.29 K X
EHT = 2.00 kV
WD = 3 mm
Signal A = InLens
Photo No. = 9363
Date :30 Nov 2012
Time :17:24:59
IMO228775: LBNL (BF) 12 nm lines (60 nm @ reticle)
1µm
Mag = 13.14 K X
EHT = 2.00 kV
WD = 3 mm
Signal A = InLens
Photo No. = 9362
Date :30 Nov 2012
Time :17:24:41


IMO228775: LBNL (DF) 12 nm lines (60 nm @ reticle)
Mag = 11.39 K X
1µm
EHT = 2.00 kV
WD = 3 mm
Signal A = InLens
Photo No. = 9361
Date :30 Nov 2012
Time :17:21:38


IMO228775: PSM 2D 10 nm lines/pilars (100 nm @ reticle)
Mag = 25.75 K X
1µm
EHT = 2.00 kV
WD = 3 mm
Signal A = InLens
Photo No. = 9358
Date :30 Nov 2012
Time :17:16:26