



1. Check intensity: ① Average value: 554.314 ② Uniformity: 2.099 ($\leq 2.5\%$)

2. Light source energy (mj) : ① 100msec: 50 ② 200msec: 99.9
③ 400msec: 199.8 ④ 800msec: 399.5

3. Flatness test: ① Max-Min ($\leq 3\mu\text{m}$): 1.28 ② Local flatness ($\leq 1\mu\text{m}$): 0.55

4. Chip leveling: ① X ($\leq 1.5\text{sec}$): 0.46 ② Y ($\leq 1.5\text{sec}$): 0.651

5. BST test ($\leq 0.5\mu\text{m}$): 0.112

6. Stepping ($\leq 0.07\mu\text{m}$) : X: 0.060 / Y: 0.066

7. Pre_alignment: Average: (X: 28.483 / Y: 28.388 / T: 50.245)
 3σ : (X: 3.377 / Y: 18.693 / T: 13.135)

update : X: 600 \rightarrow 610 ; Y: -770 \rightarrow -720;

Average: (X: 15.209 / Y: -24.539 / T: 6.642)
 3σ : (X: 3.71 / Y: 15.267 / T: 11.379)

8. Overlay:

LSA: X+ (Mean+ 3σ) = 129.2 Y+ (Mean+ 3σ) = 132.6

9. DIS : MAX X=0.043 Y=0.029 MIN X=-0.043 Y=-0.031

10. INC : UR-LL -0.117 UL-LR 0.013