

1. Check intensity: ① Average value: 577.186 ② Uniformity: 1.306 ($\leq 2.5\%$)

2. Light source energy (mj) : ① 100msec : 50.3 ② 200msec : 100.5
 ③ 400msec: 200.7 ④ 800msec: 401.5

3. Flatness test: ① Max-Min ($\leq 3\mu\text{m}$): 1.77 ② Local flatne ($\leq 1\mu\text{m}$): 0.74

4. Chip leveling: ① X ($\leq 1.5\text{sec}$): 1 ② Y ($\leq 1.5\text{sec}$): -0.735

Updata: X: -5 \rightarrow -9

Y: -5 \rightarrow -3

Chip leveling: ① X ($\leq 1.5\text{sec}$): 0.332 ② Y ($\leq 1.5\text{sec}$): 0.028

5. BST test ($\leq 0.5\mu\text{m}$): 0.231

6. Stepping ($\leq 0.07\mu\text{m}$) : X: 0.035 / Y: 0.036

7. Pre_alignment: Average: (X: 8.358 / Y: 20.167 / T: 27.028)

3 δ : (X: 4.975 / Y: 7.056 / T: 7.154)

8. Overlay:

LSA: X+ (Mean+3 δ) = 119.1 Y+ (Mean+3 δ) = 167.6

Updata X: 0.366 \rightarrow 0.376

Y: 0.658 \rightarrow 0.684

Rmag: 0.2264 \rightarrow 0.2364

Overlay:

LSA: X+ (Mean+3 δ) = 94.2 Y+ (Mean+3 δ) = 162.1

9. DIS MAX X=0.034 Y=0.045 MIN X=-0.034 Y=-0.021

10. INC UR-LL -0.143 UL-LR -0.131