# NSR-2205 I11D Data Check sheet

| Informations | Customer: | | Model name: | NSR-2205i11D |
|---|---|---|---|---|
| | Customer machine ID: | | | |

| No | Classification | | | Target |
|---|---|---|---|---|
| | | Pre-Data | Post-Data | |
| 1 | Exposure Power | 486.2mw/cm2 | 621.8 mw/cm2 | ≥680 mw/cm2 |
| 2 | Illumination Uniformity | 2.599% | 1.70% | ≤1.5% |
| 3 | Intergrated Exp Controller | 6.4112% | | ≤0.5% |
| 4 | Wafer holder flatness | 1.240 um | 0.55um | ≤ 3um |
| 5 | Reticle blind | 0.5~0.65 mm | 0.45~0.7mm | 0.4~0.8 mm |
| 6 | Orthogonality | -0.6578 sec | 0.114 sec | ≤±0.1 sec |
| 7 | Stepping Accuracy（step） | X：35 nm | X:19nm | 3σ≤45um |
| | | Y：45 nm | Y:22nm | |
| 8 | Stepping Accuracy（back） | X：43 nm | X:19nm | None |
| | | Y：22 nm | Y:17nm | |
| 9 | Reticle rotation | Asb：-9 nm | Asb:7nm | 3σ+\|X\|≤20 nm |
| | | Rsp：2 nm | Rsp:2nm | |
| 10 | Lens Distortion | X:-34~61 nm | X:-13～45nm | ≤±50nm |
| | | Y:-79~47 nm | Y:-41～38nm | |
| 11 | LSA Overlay | X:99 nm | X:75nm | 3σ+\|X\|≤80 nm |
| | | Y:67 nm | Y:58nm | |
| 12 | FIA Overlay | X:55 nm | X:71nm | 3σ+\|X\|≤80 nm |
| | | Y:67 nm | Y:56nm | |
| 13 | INC | TFD:262nm | TFD:286nm | ≤±350nm |
| | | UR-LL:14 nm | UR-LL:-6nm | None |
| | | UL-LR:80nm | UL-LR:-192nm | |