

AISP NSR-2205i11D Lens Data Sheet

Serial Number of NSR: User's Machine ID: Software :

Acceptance Test Completion Date:

Worked by:

Accepted by:

No	Item	Specification	Result			
1	Exposure Power		744mW/cm ²			
2	Illumination Uniformity		0.83%			
3	Stepping Accuracy		X	20nm	Y	22nm
4	Back Stepping Accuracy		X	27nm	Y	17nm
5	Lens Distortion (Including Magnification error) "JUST Confirm" Item		Max			
			X	33nm	Y	30nm
			Min			
			X	-41nm	Y	-35nm
6	Inclination		UR - LL		2nm	
			UL - LR		96nm	
7	Overlay-LSA		X	41nm	Y	33nm
8	Overlay-FIA	Average Data High, 3 Sigma Data Good	X	81nm	Y	99nm

Lamp Uniformity

2025/11(AD36003)

Process Program :
Comment :
Relic :

Lamp Illumination Uniformity

Condition File: 22LAMP.LMCP
Result File: LAMP-20250512.LAMP
Machine ID: AD36003
Date: 2025-05-12 12:23:55
Comment: LAMP Illumination Uniformity (11*13)

Measurement Condition		Measurement Result Summary	
Illumination ID :	1	Maximum :	752.148 [mW/cm ²]
Intra-field Repeat Count :	3	Minimum :	739.842 [mW/cm ²]
Map Layout		Average :	744.887 [mW/cm ²]
X :	11	Uniformity :	0.825 [%]
Y :	13		
Diameter :	31.11 [mm]		
Measurement Limits			
-X :	-11000.00 [μm]		
+X :	11000.00 [μm]		
-Y :	-12700.00 [μm]		
+Y :	12500.00 [μm]		
Power Trans. Rate :	1.00		
Sensor Position			
X :	130206.50 [μm]		
Y :	77860.00 [μm]		
Average Number :	1		
Step Mode :	Normal		
Dummy Shot			
Blind Setting :	Pinhole		
Frequency :	10		
Time :	100 [msec]		
Wait Time :	100 [msec]		

Search :

Initialize or Reset

PROCE

CALIBRA machine

F6 Param.

F10 Map

F14 Exit

PAUSE

RESUME

STOP

HELP

IZEコマンド開始
了
Eコマンド開始

COMMUNICATE

OPERATOR

2005111(AD36003)

LAMP-20250512.LAMP

2025-05-12 12:10

7719-9420 429420

4.370

Process

Ref

Search :

Initialize
or
Reset

PROC

CALIBR.
machin

	1	2	3	4	5	6	7	8	9	10	11
1		750	748	746	745	744	745	746	748	750	
2	750	748	746	743	742	742	743	744	744	747	751
3	750	748	746	744	743	742	744	744	745	747	MAX 752
4	748	746	744	742	741	740	741	742	744	746	749
5	748	747	745	743	742	741	741	742	743	747	748
6	749	747	745	743	742	741	740	742	743	745	747
7	747	747	746	743	742	742	741	742	742	744	747
8	750	748	745	744	743	742	741	742	742	745	746
9	748	749	747	743	741	741	741	741	743	744	745
10	749	748	745	744	742	741	741	742	743	744	744
11	746	746	745	743	742	741	742	742	742	744	746
12	749	746	745	744	743	742	741	742	744	744	745
13		746	745	743	743	741	MIN 739	741	742	745	

Lamp Illumination Uniformity

Res.File : LAMP-20250512.LAMP

Mac.ID : AD36003

Date : 2025-05-12 12:23:55

Comm. : LAMP Illumination Unifo

Illumination ID : 1
Maximum : 752.148 [mW/cm²]
Minimum : 739.842 [mW/cm²]
Average : 744.887 [mW/cm²]
Uniformity : 0.825 [%]

Intra-field Repeat Count : 3

Intra-field Repeat No. 1

1

Prev

Next

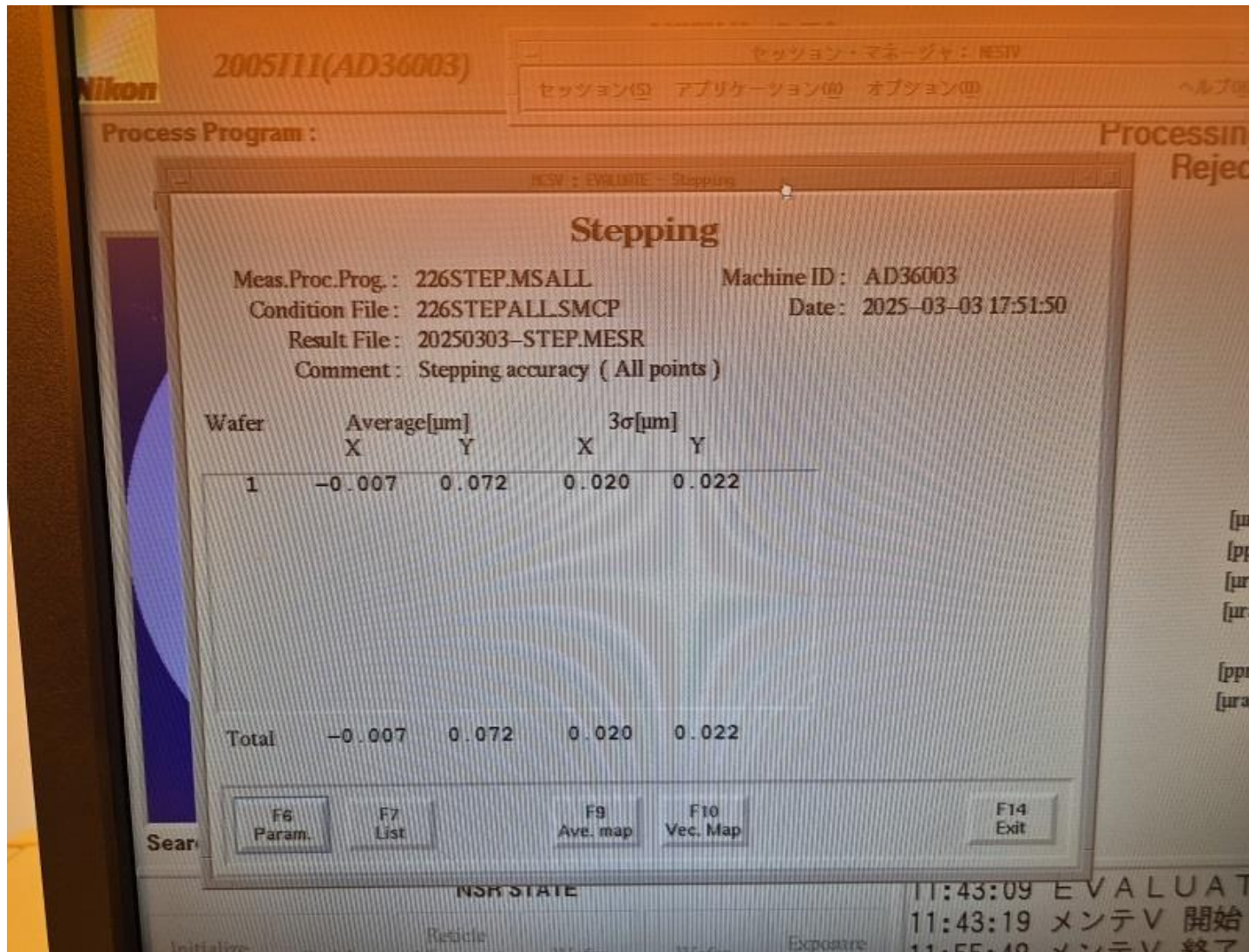
Disp. Mode

- ☒ Detail
- ☒ Summary
- ☐ 3D

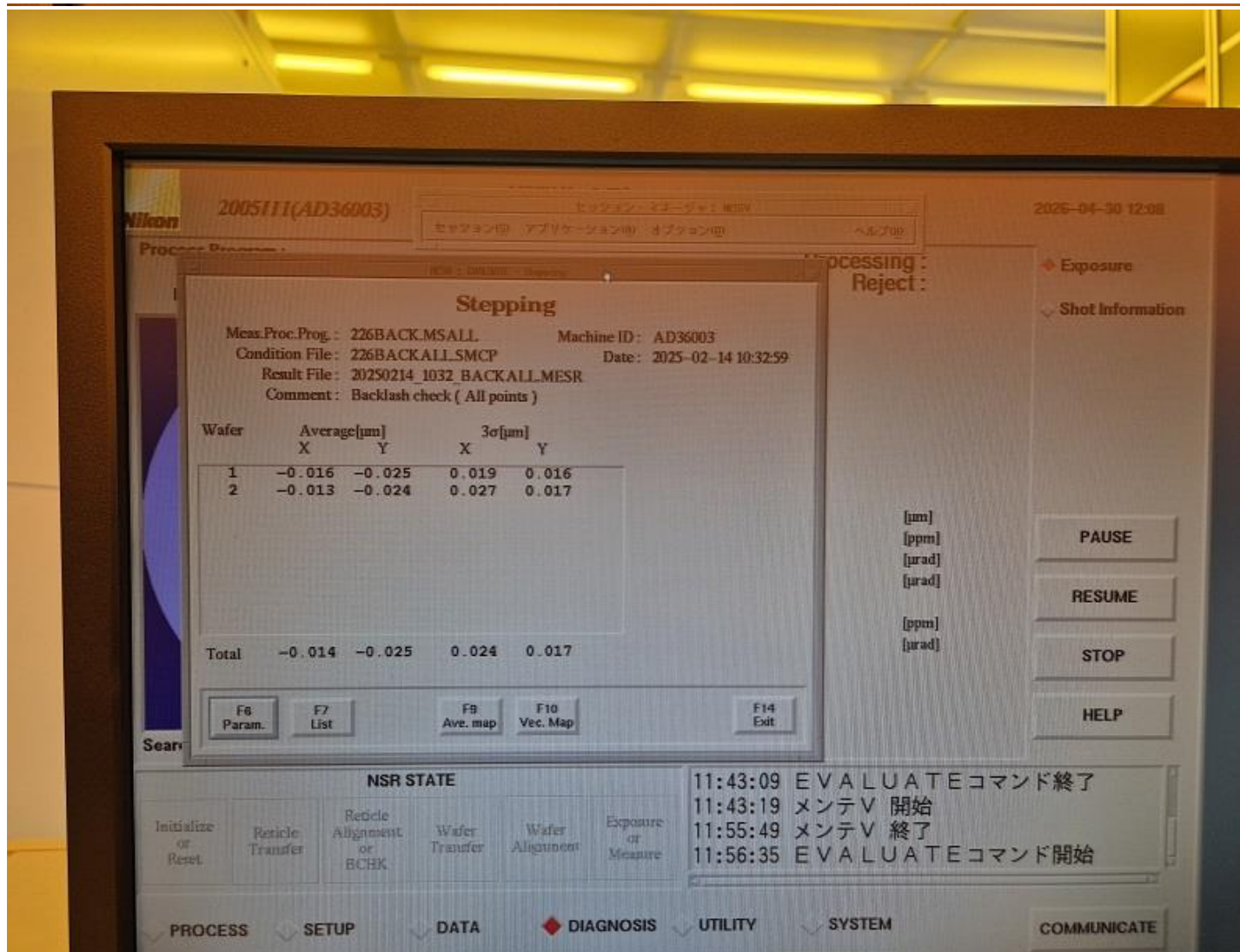
752.9
750.9
748.9
746.9
744.9
742.9
740.9
738.9
736.9 [mW/cm²]

F14
Exit

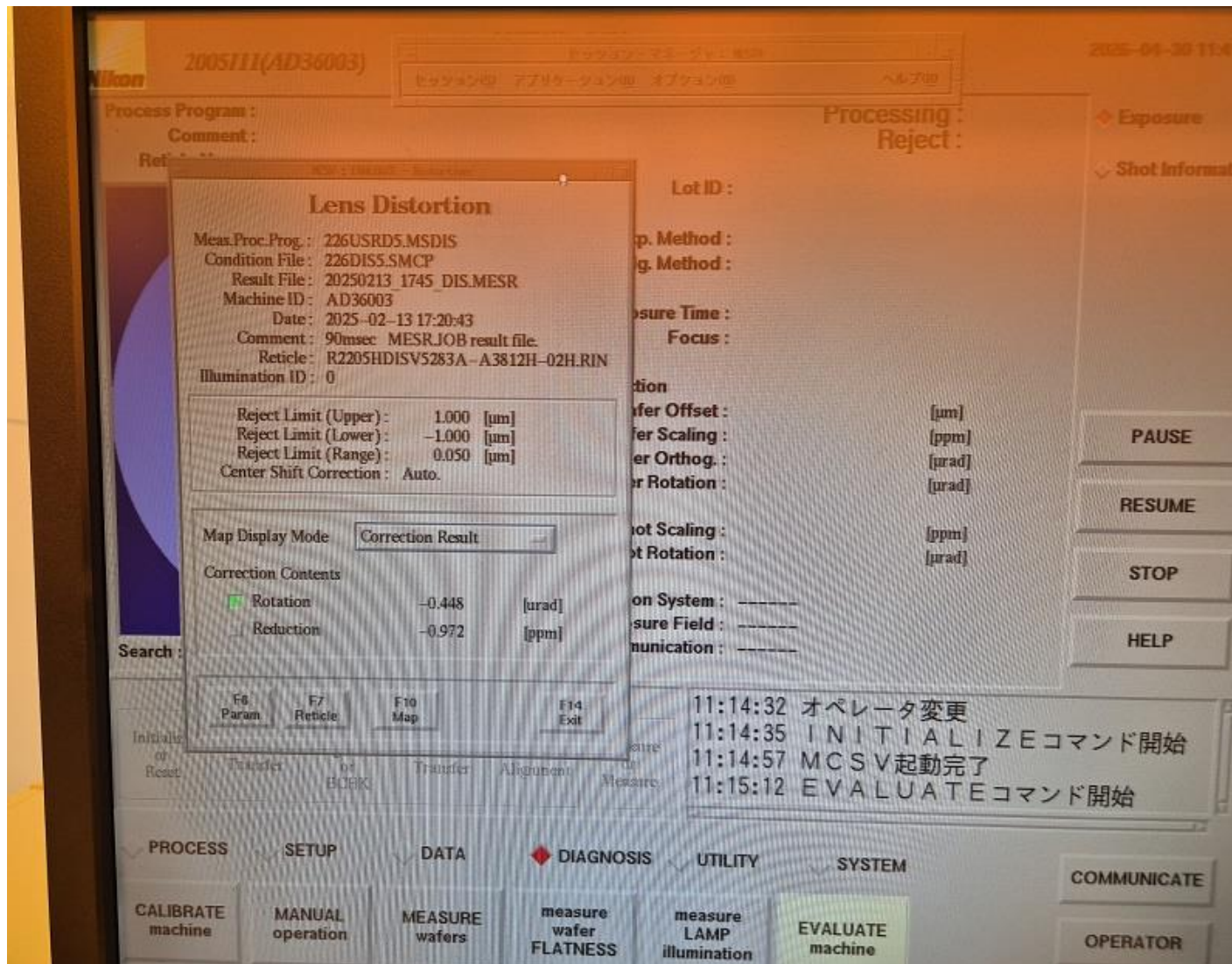
Stepping Accuracy



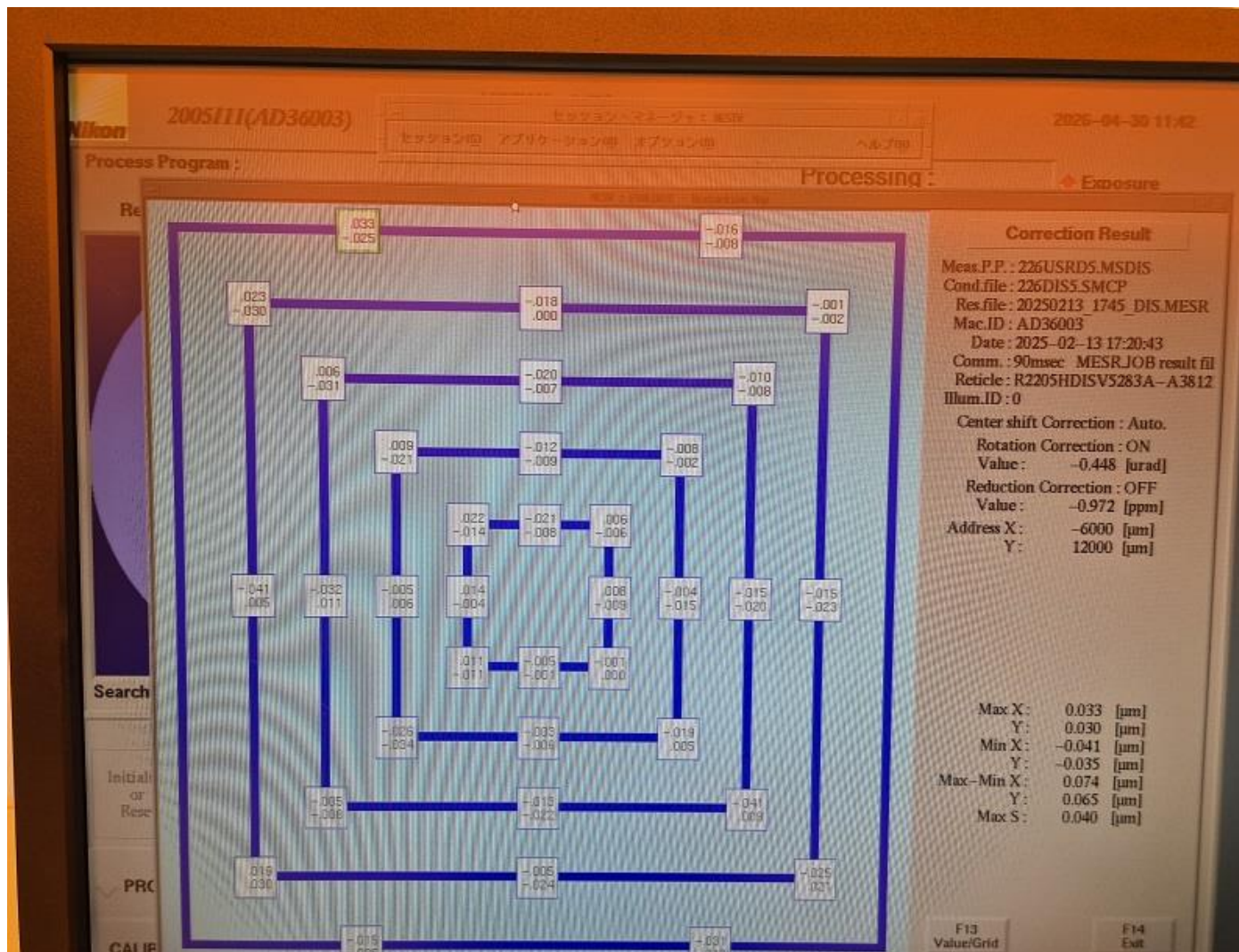
Stepping Accuracy



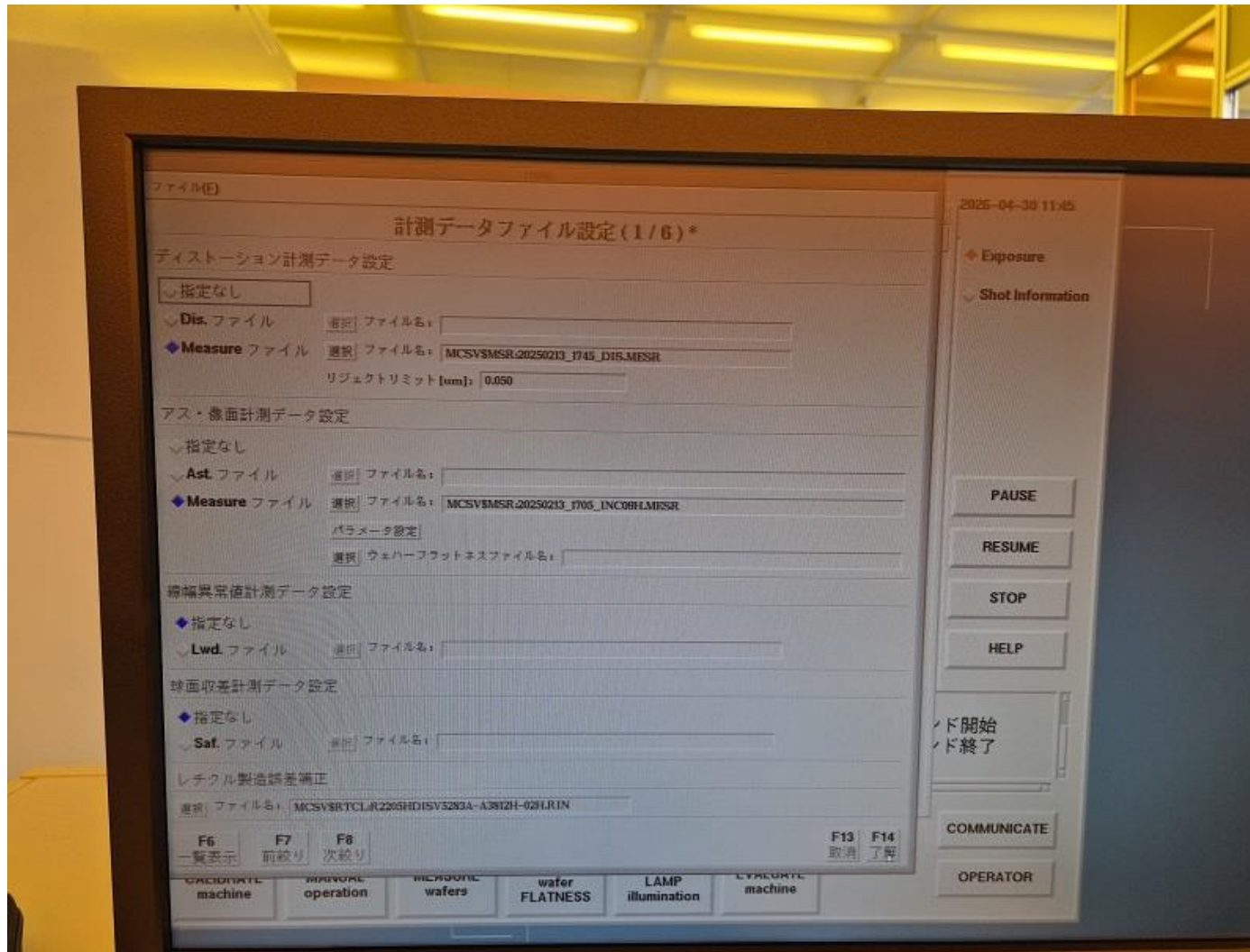
Lens Distortion



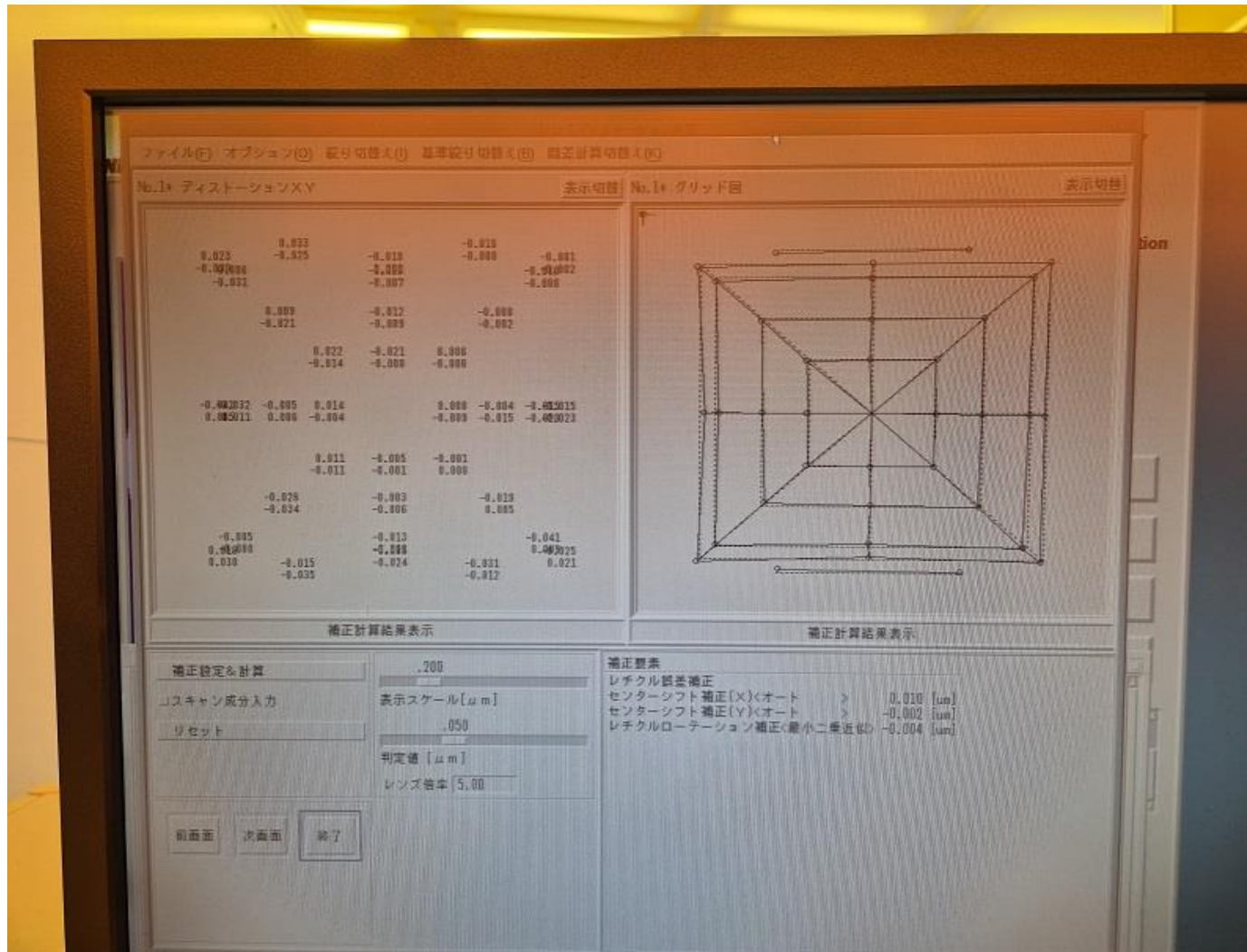
Lens Distortion



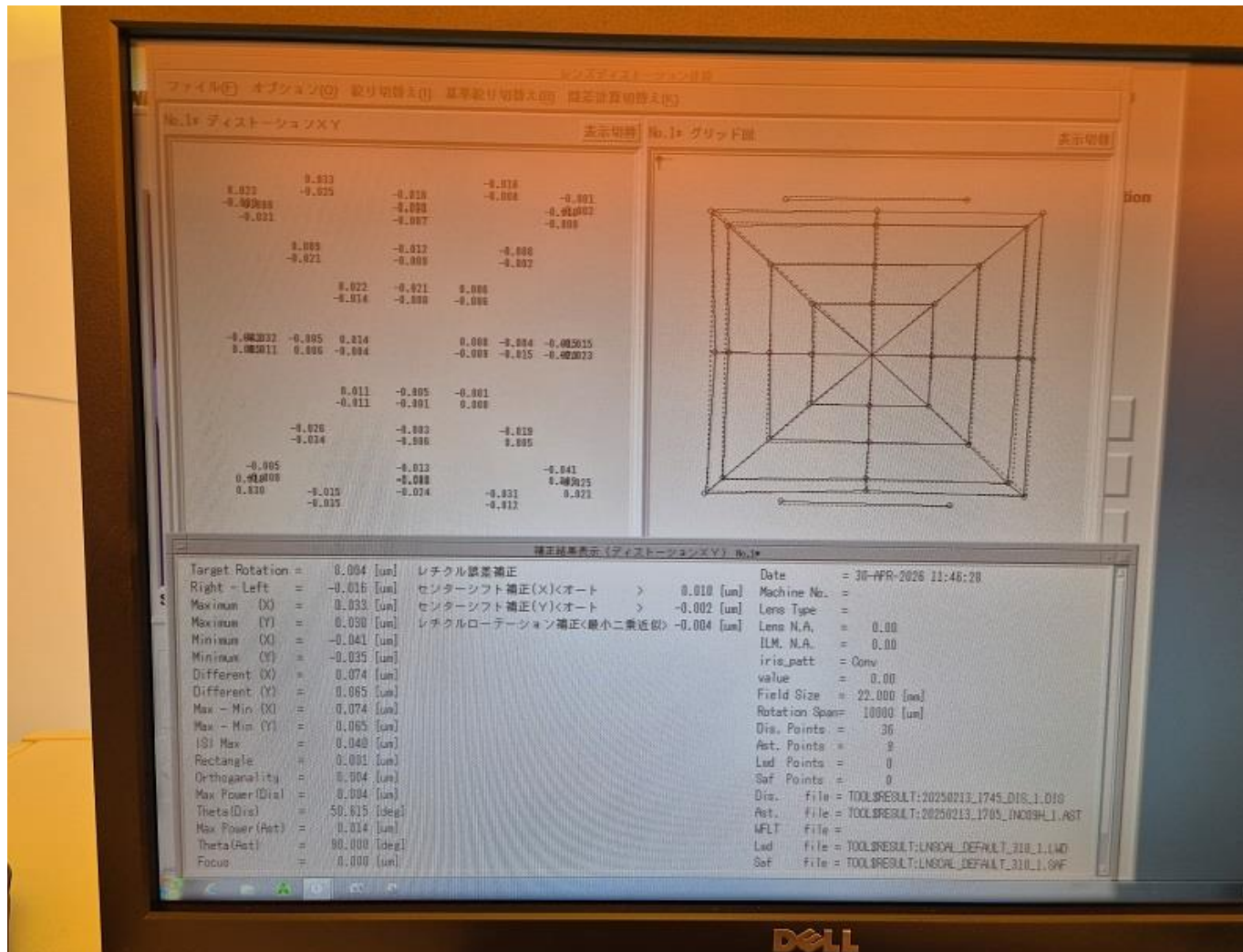
Lens Distortion



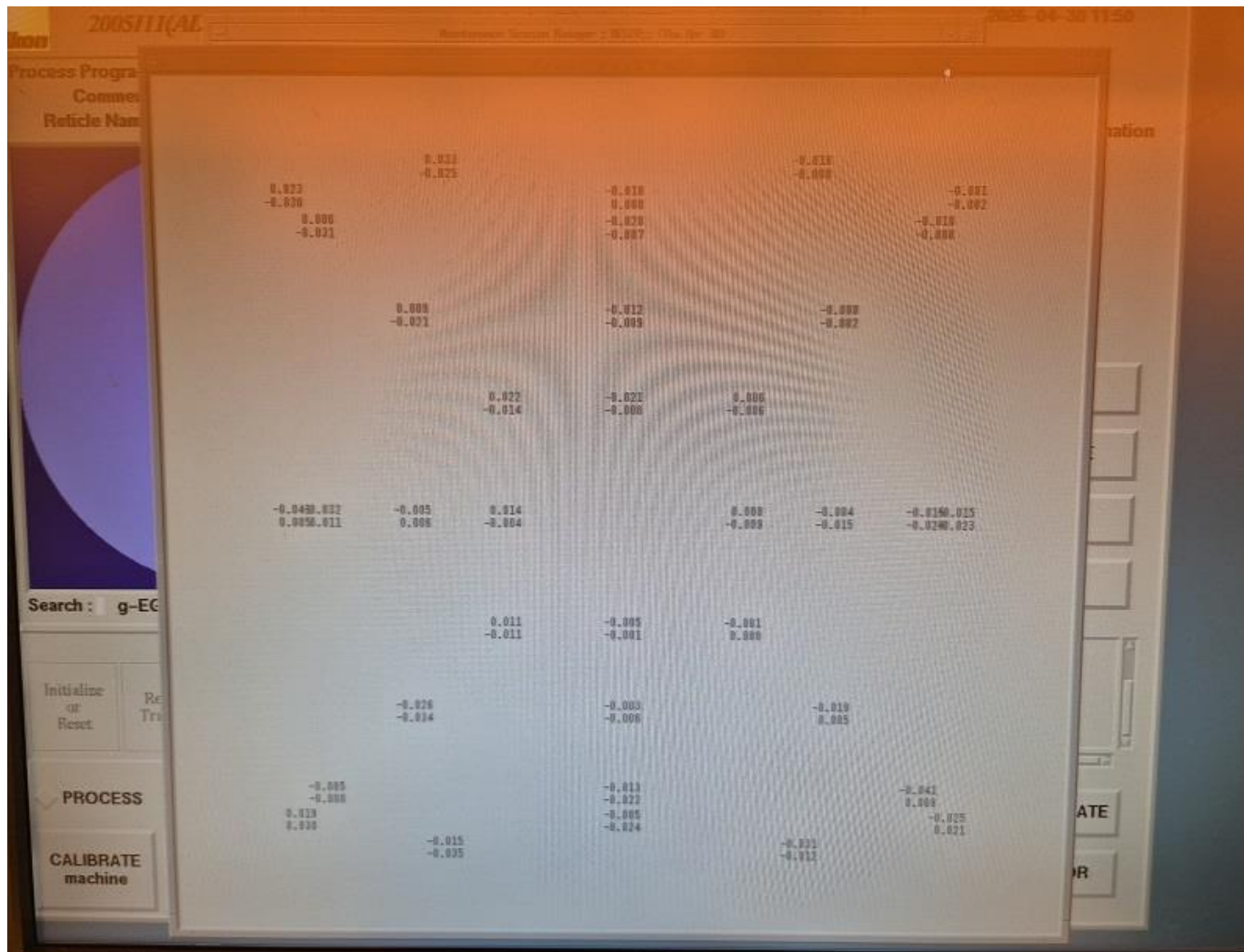
Lens Distortion



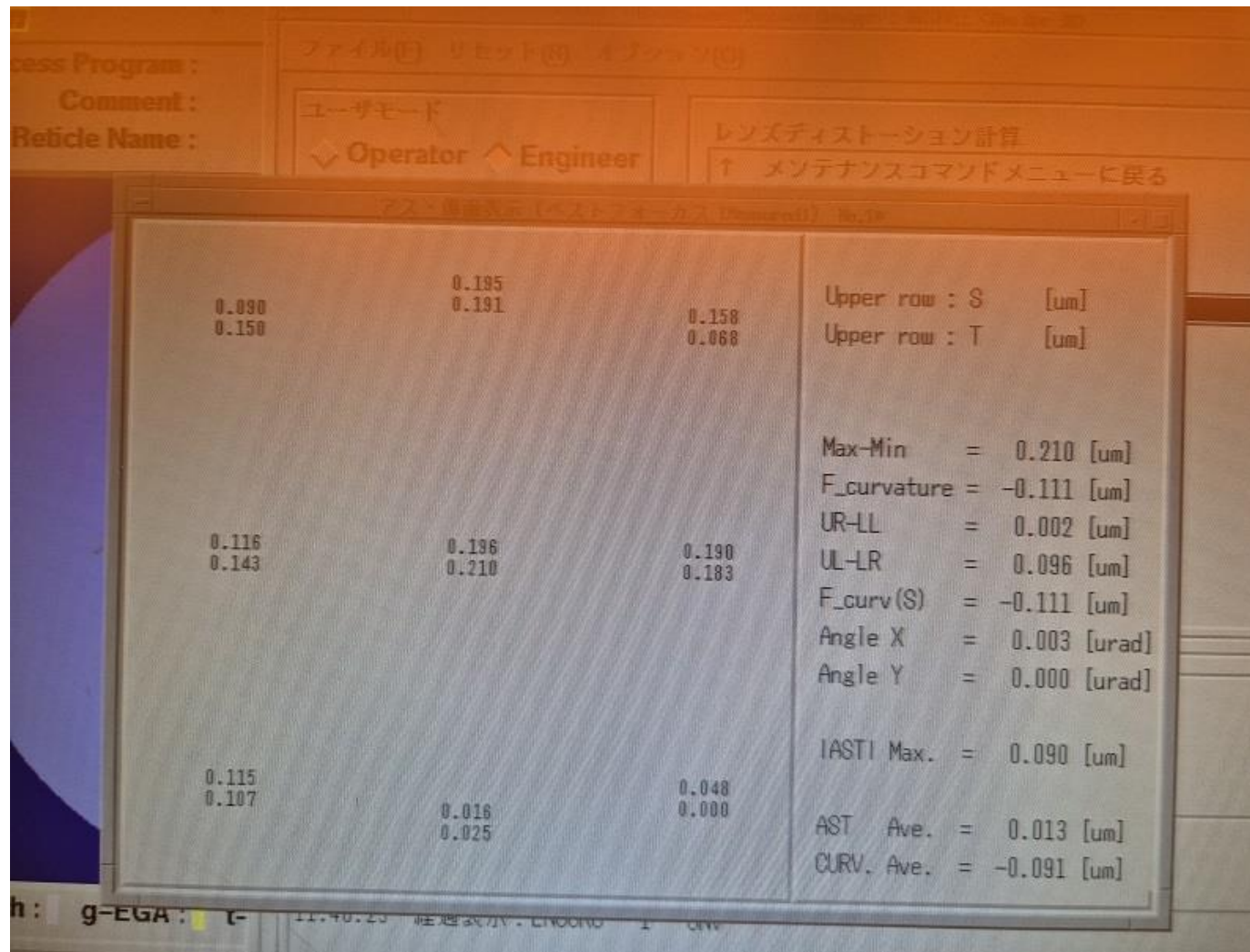
Lens Distortion



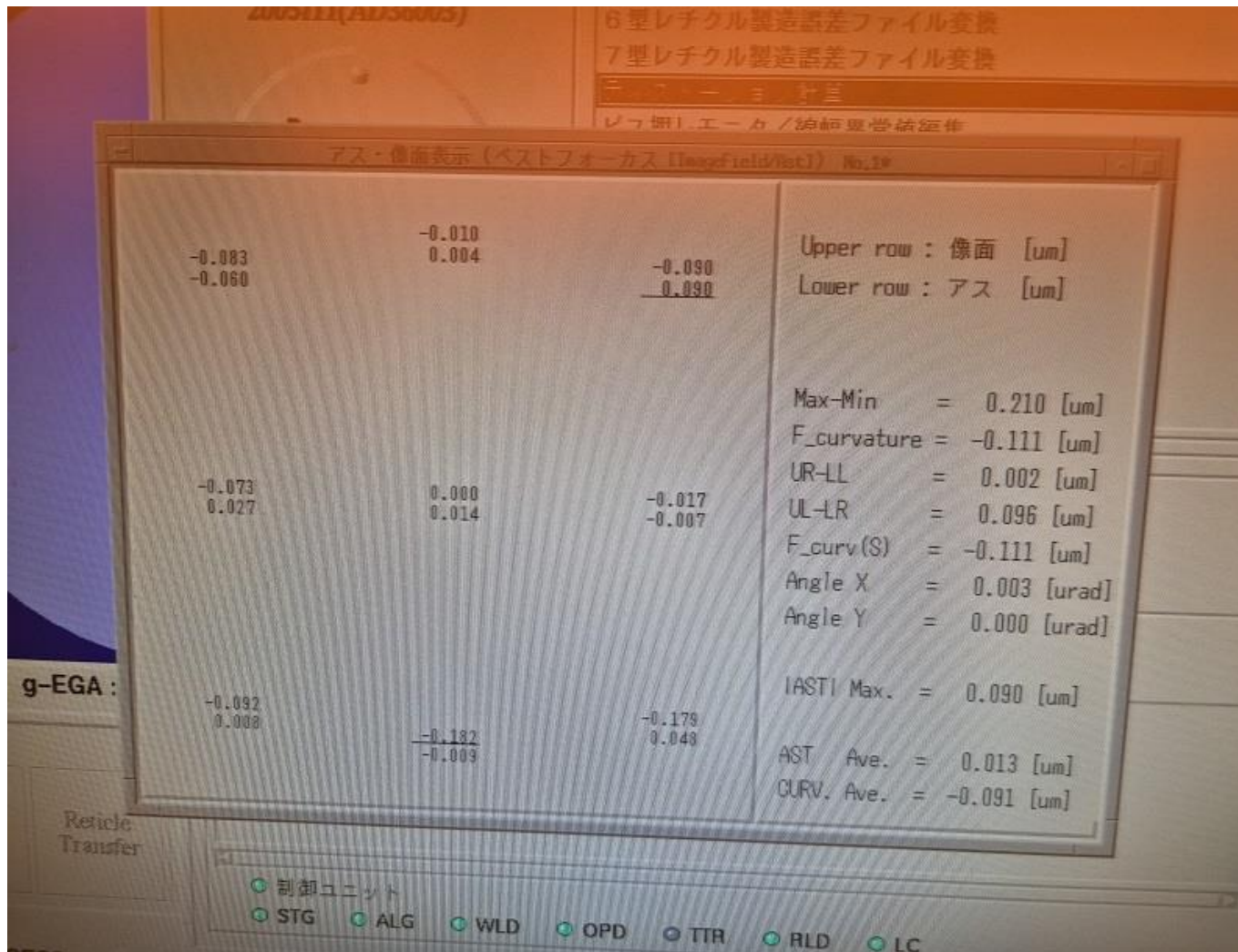
Lens Distortion



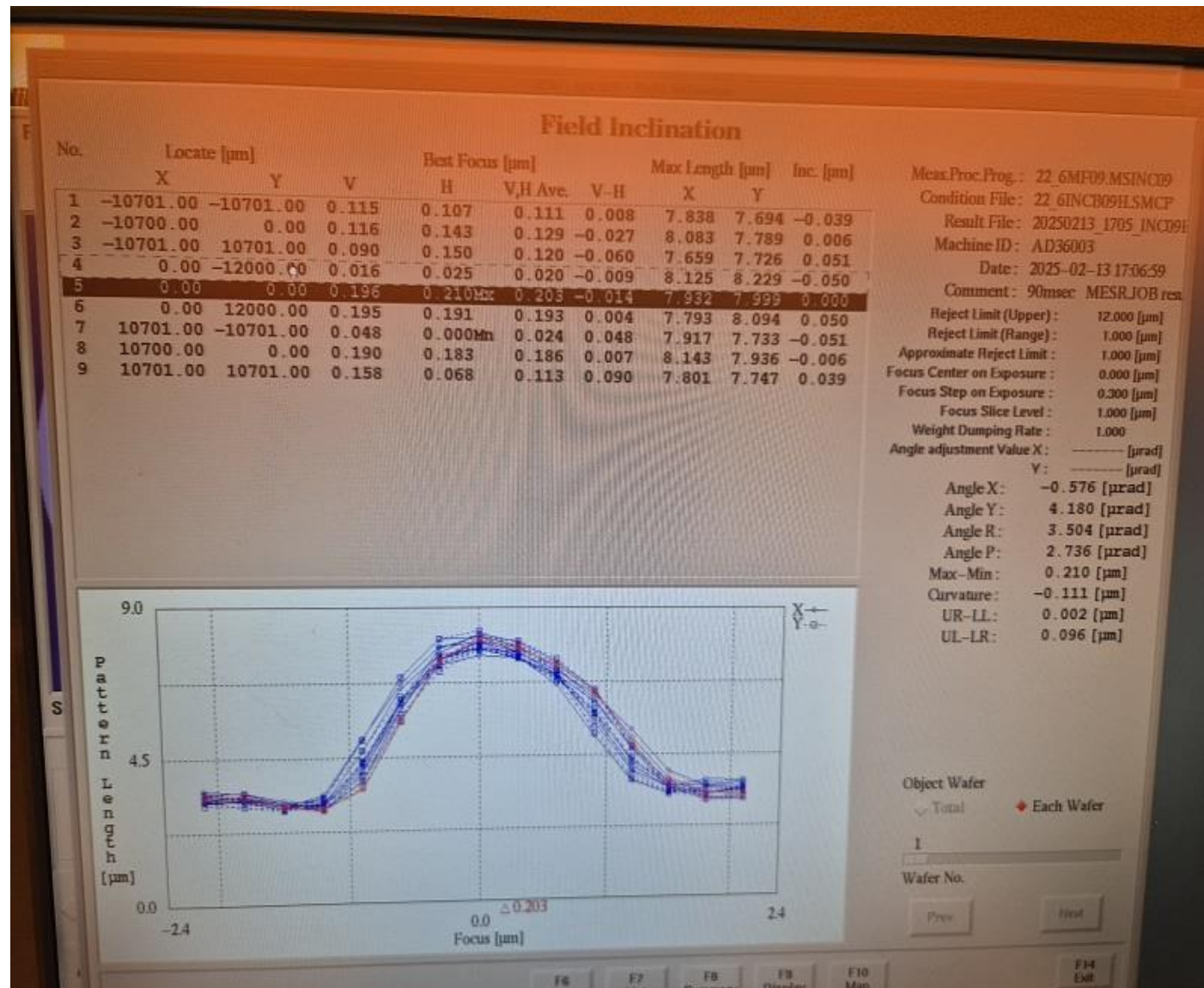
Lens Distortion



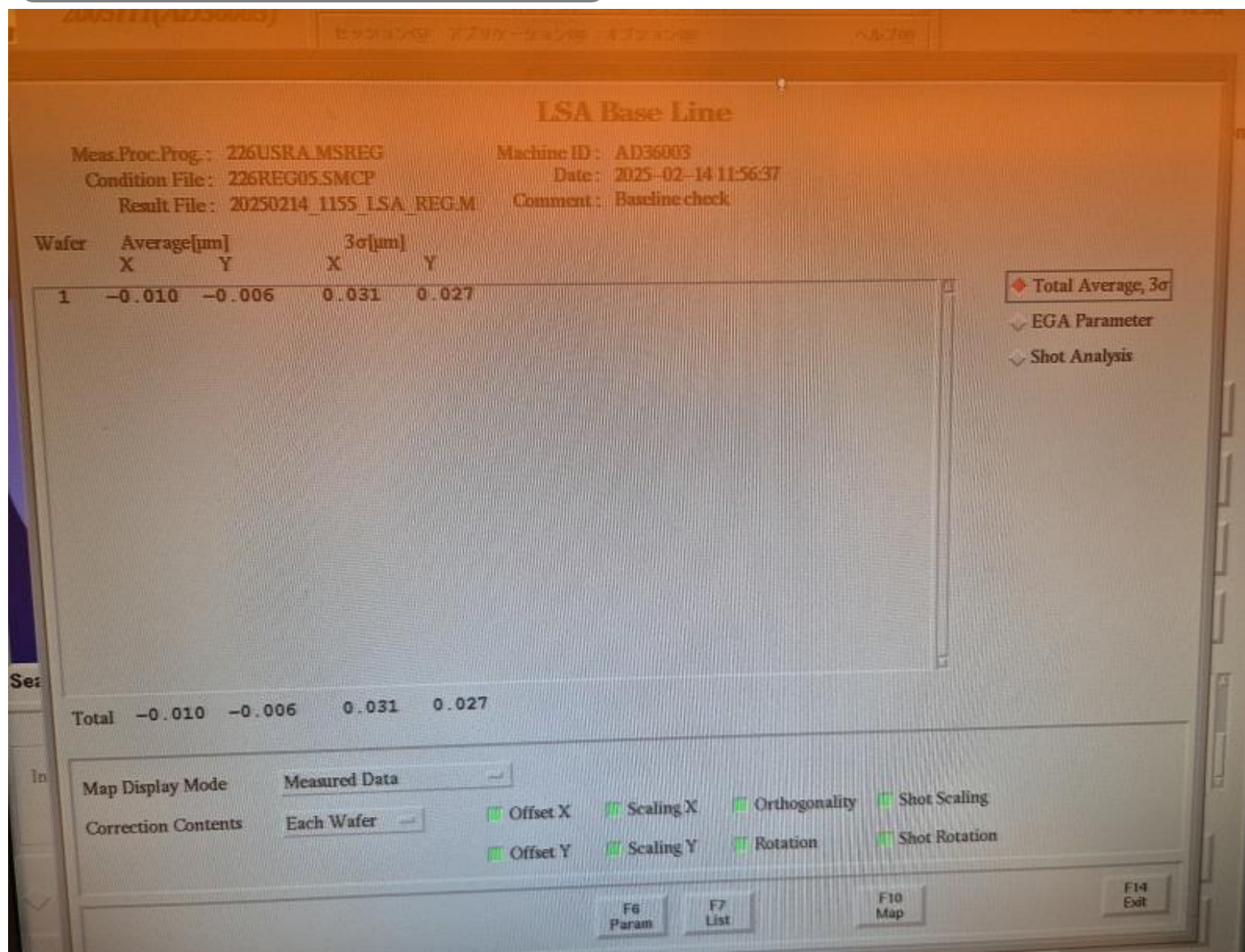
Lens Distortion



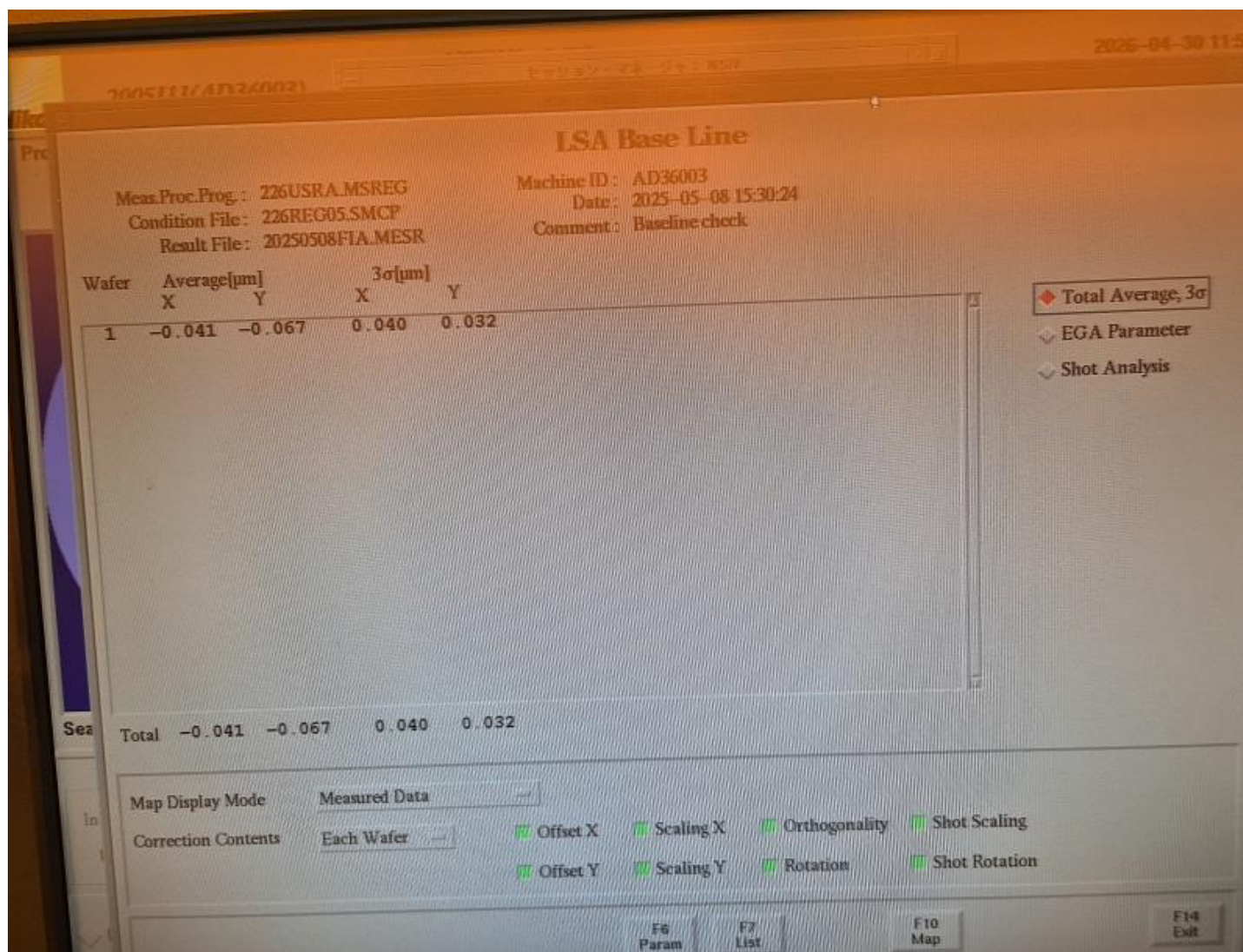
Inclination



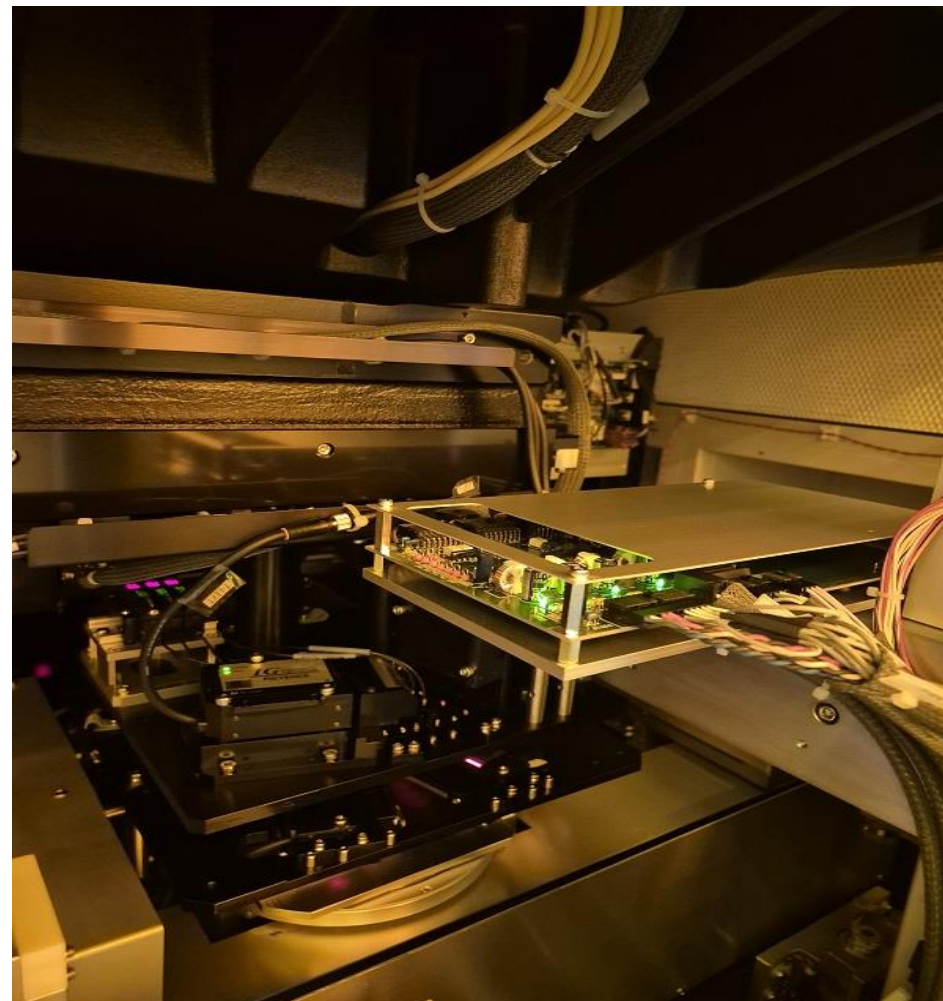
LSA Overlay Accuracy



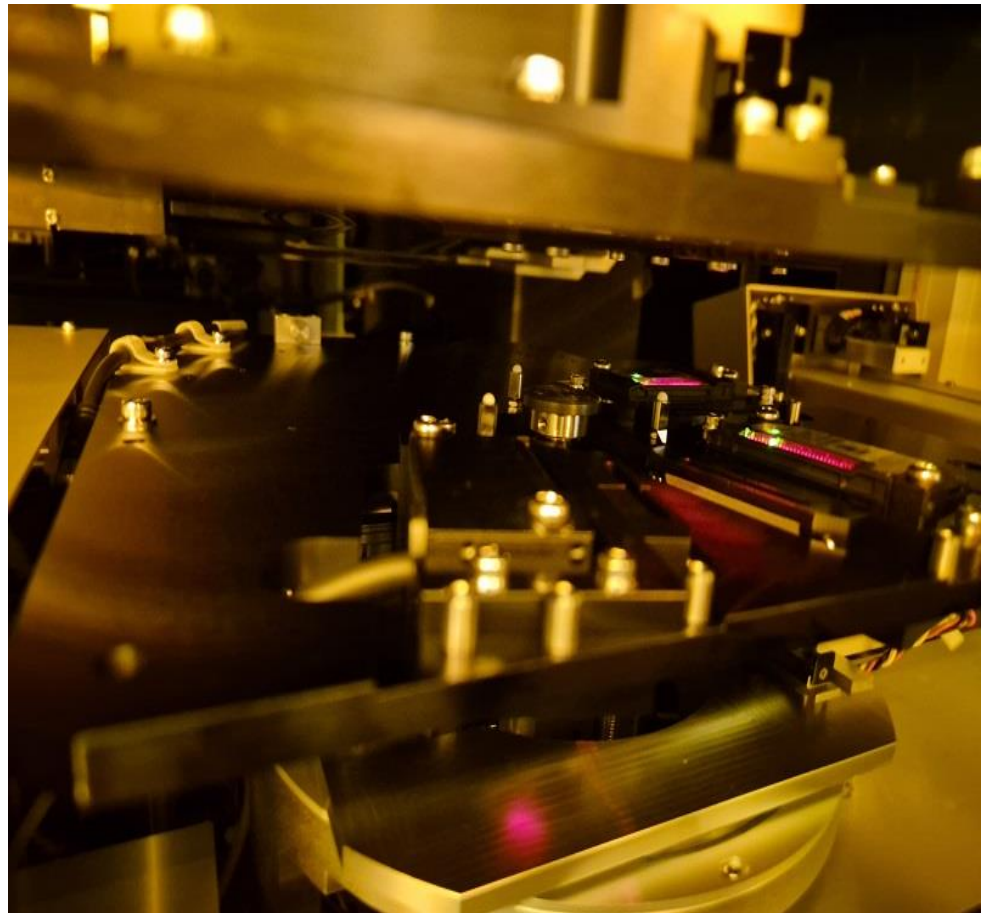
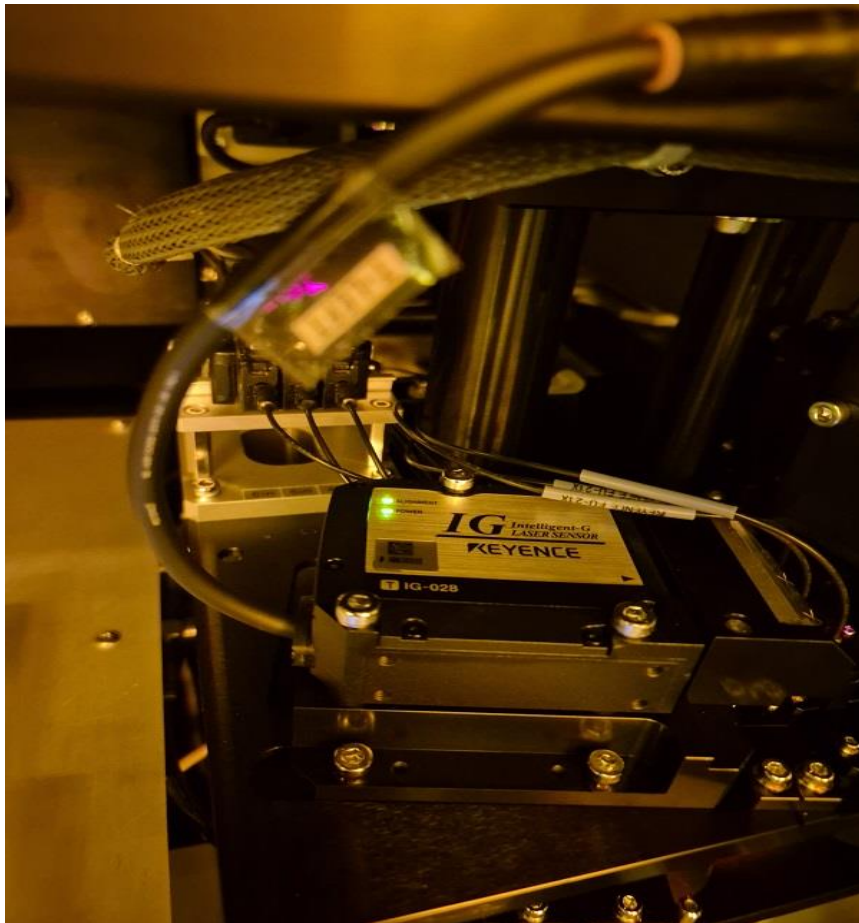
FIA Overlay Accuracy



Wafer Loader OF



Wafer Loader OF



Wafer Loader OF

