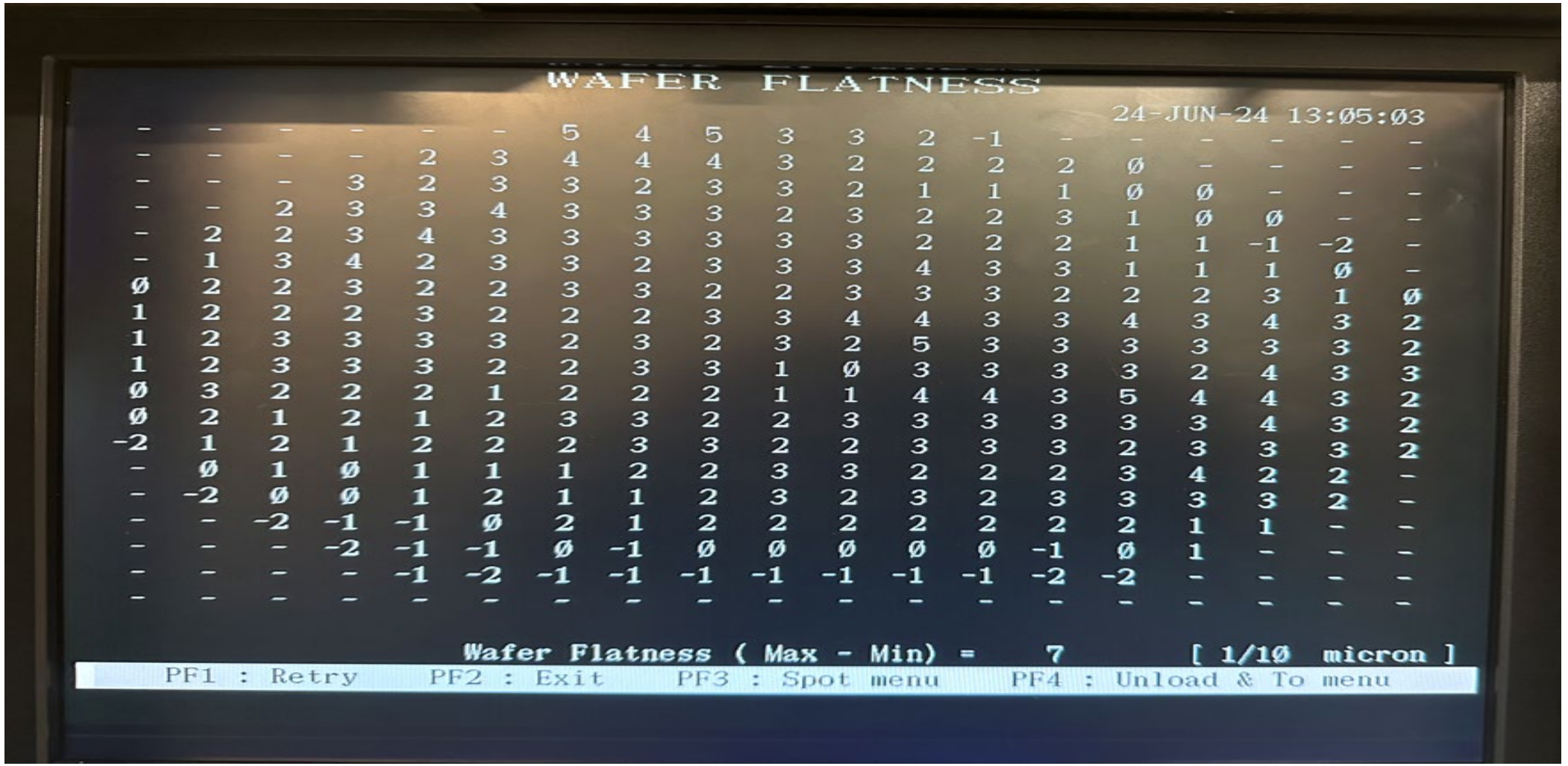
NSR-2005i8A

NSR-2005i8A

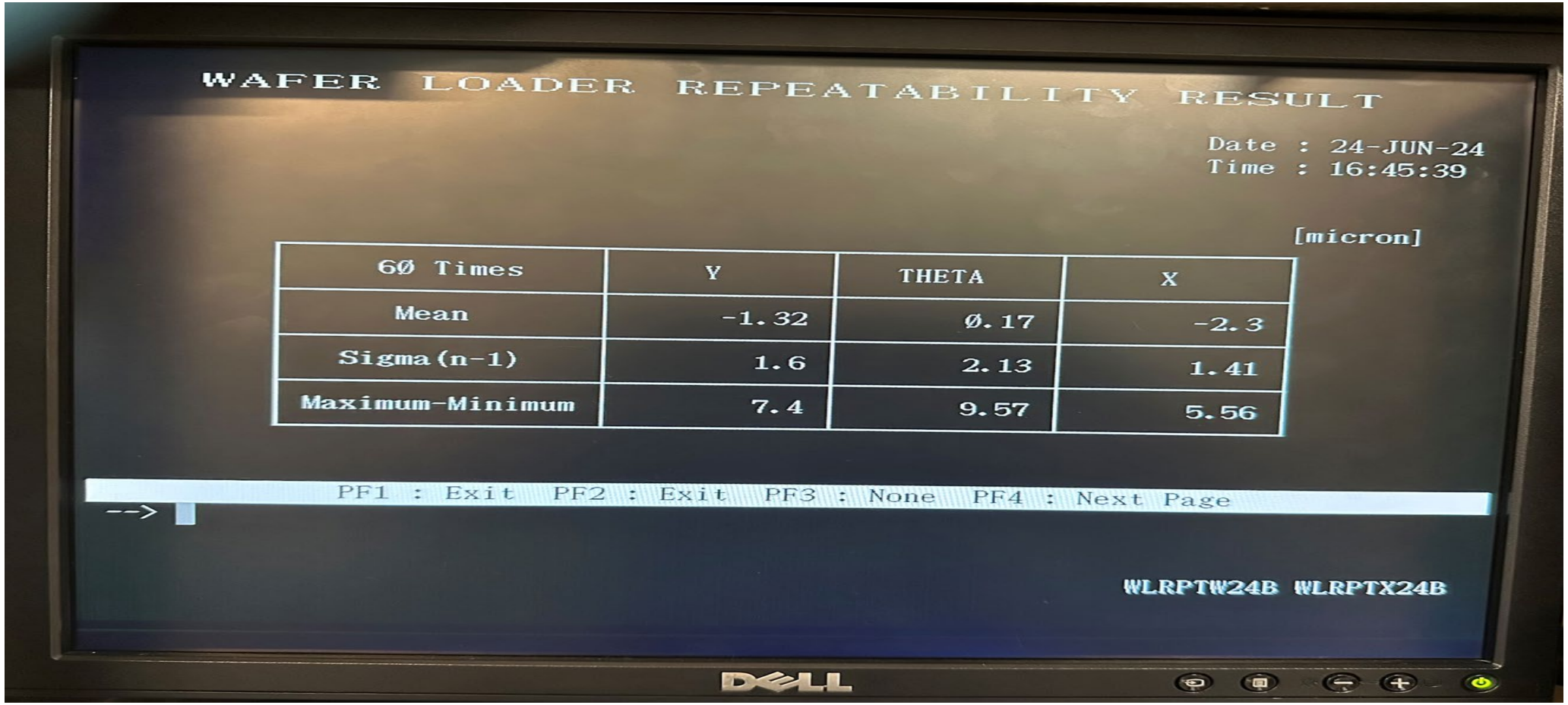
- Date of Manufacture: 01 August 1991
- Serial Number: 803001
- Resolution: 0.5µm
- Computer Type: PDP11
- Reticle Size: 5inch
- Field Sizes: 15 / 17.5 / 20mm
- Wafer Size: 6” Flat
- Reticle Libraries: 1
- Wafer Loader: Type 1
- Wafer Loader prealignment 2: Yes
- Barcode Reader: Yes
- Wafer Loader Indexers: 2
- FIA: Yes
- LSA: Yes
- LIA: Yes
- Autofocus: Single Point
- Levelling: Yes
- Chuck Type: Ceramic ring chuck
- Wafer Stage Ballscrew
- MCS2 Version: 2.4B
- PPD: No

NSR-2005i8A Wafer Flatness



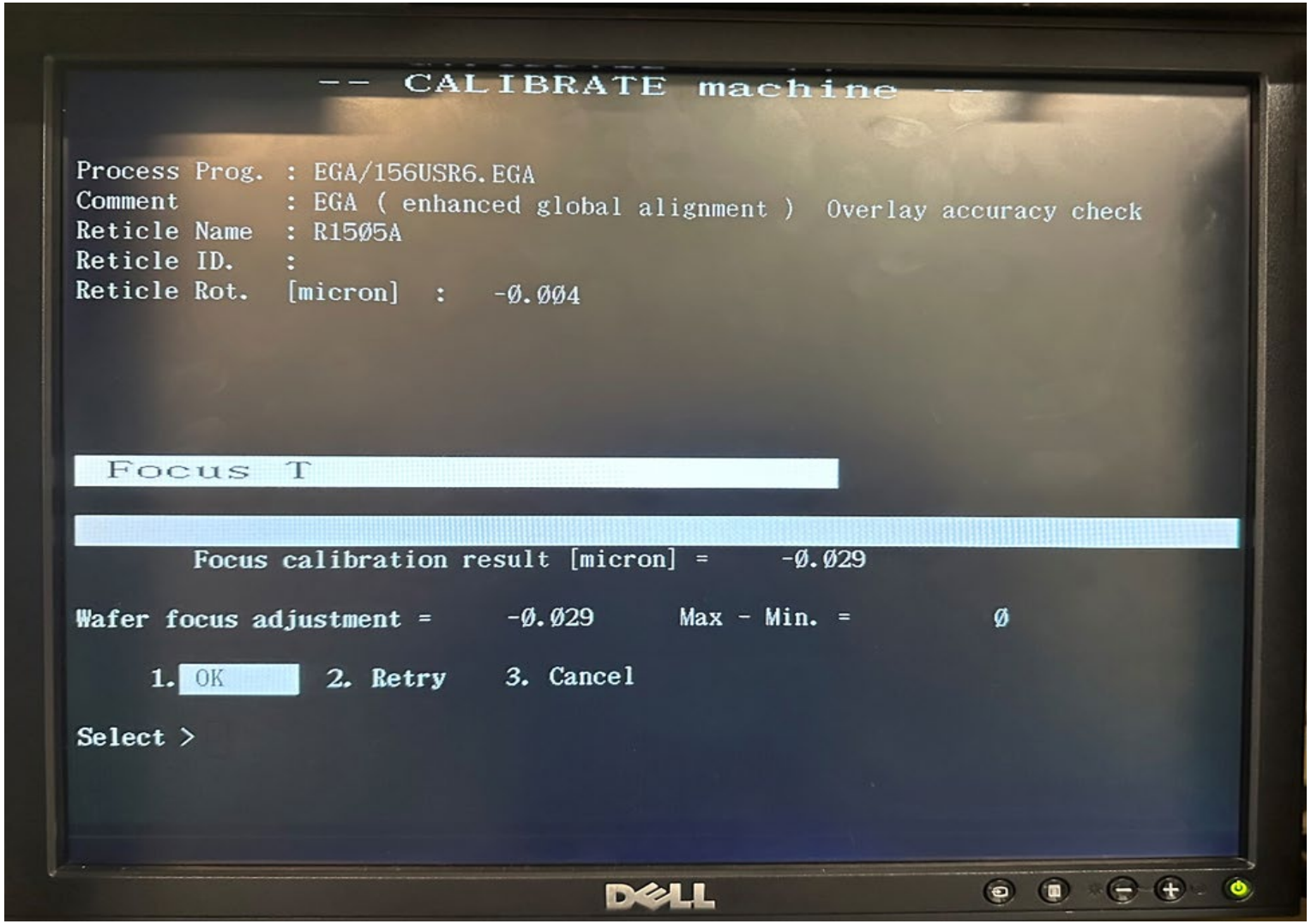
- **Spec (Max – Min): ≤ 25**

NSR-2005i8A Wafer Loader Repeatability

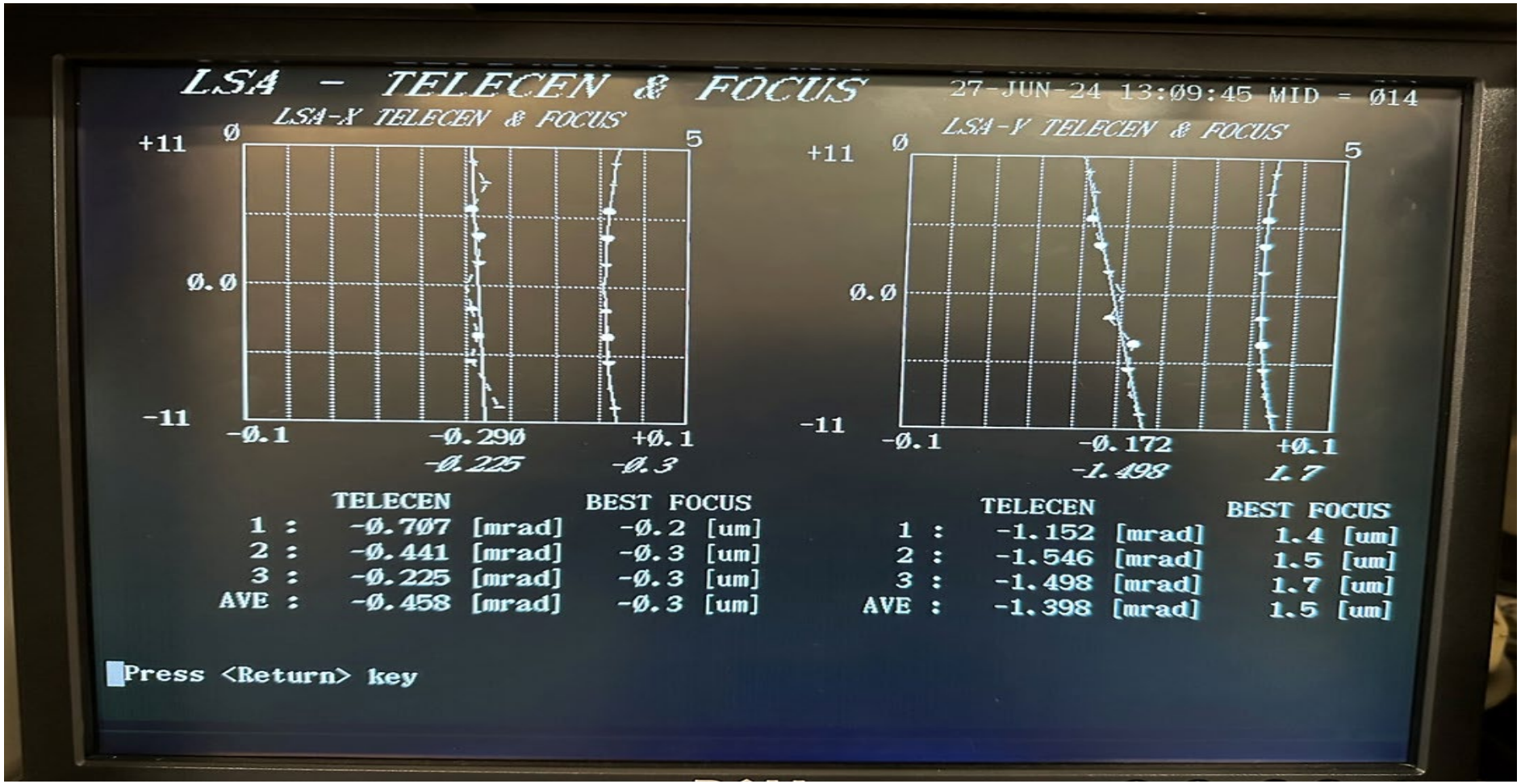


- **Spec Sigma(n-1): ≤ 5 [micron]**
- **Spec Maximum-Minimum: ≤ 15 [micron]**

NSR-2005i8A Focus Calibration Operation



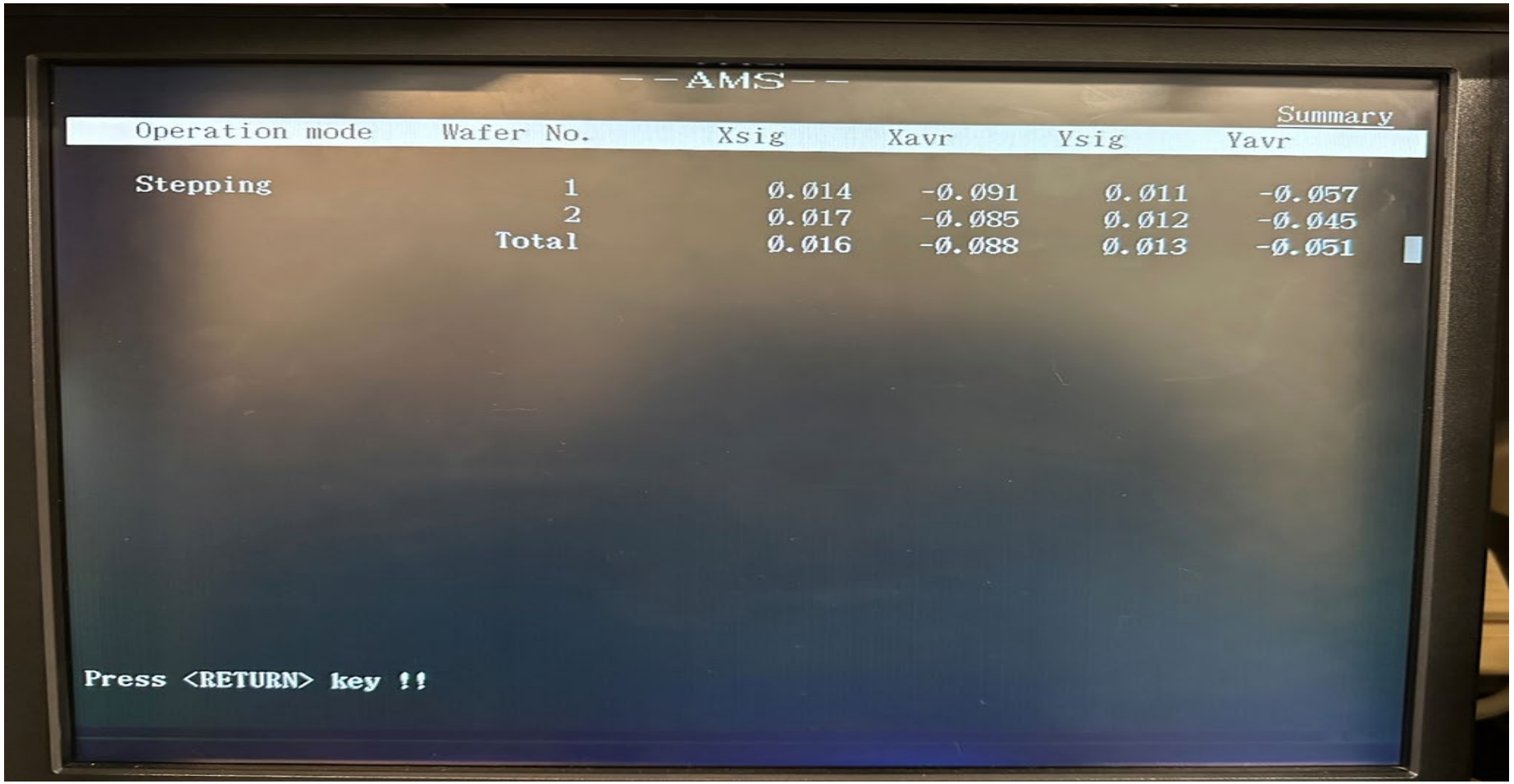
NSR2005i8A LSA TELE & FOCUS



Spec: TELECEN ≤ 2 [mrad]

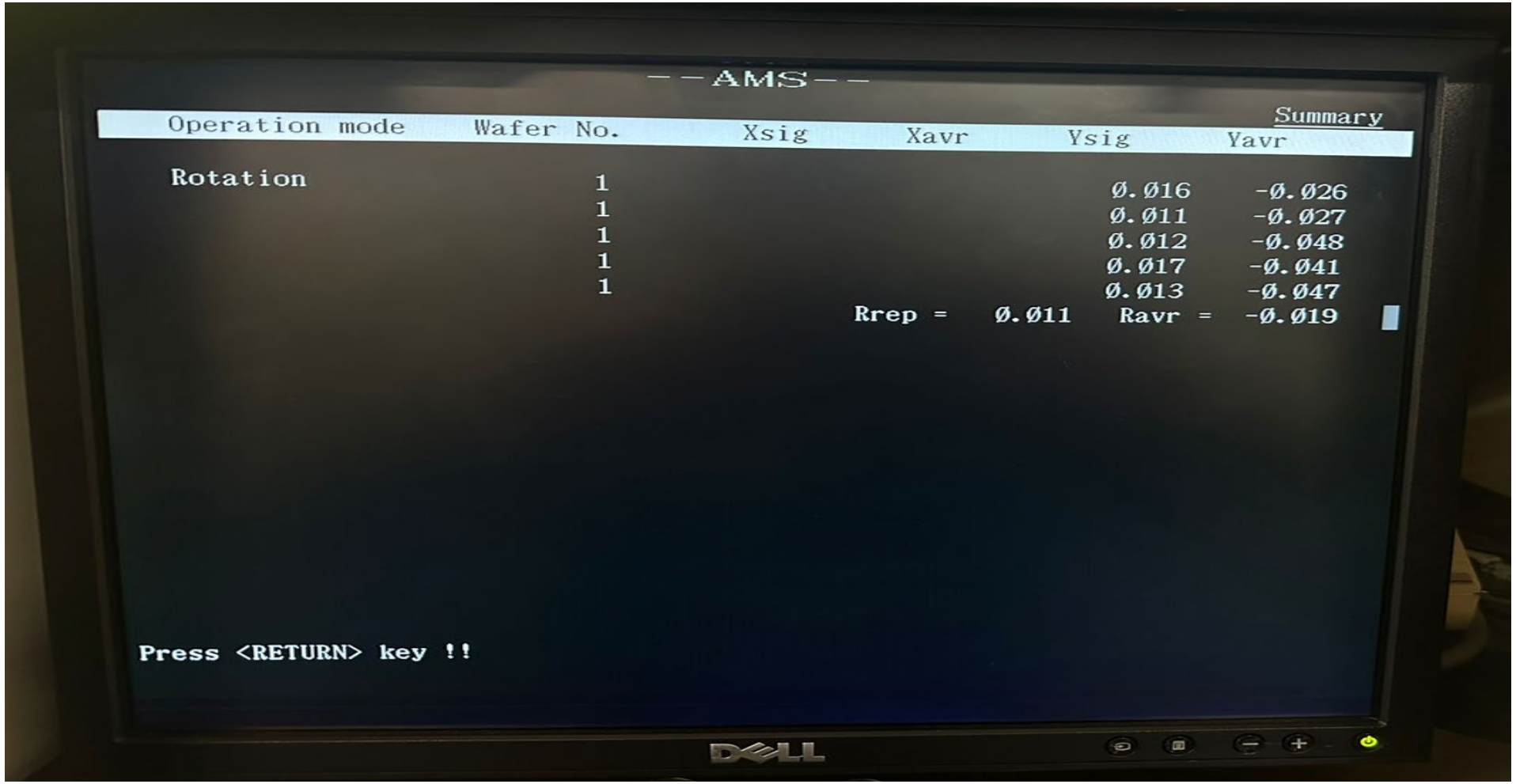
Spec: FOCUS ≤ 2 [μm]

NSR-2005i8A Stepping



Spec: (3sigma) ≤ 0.070μm

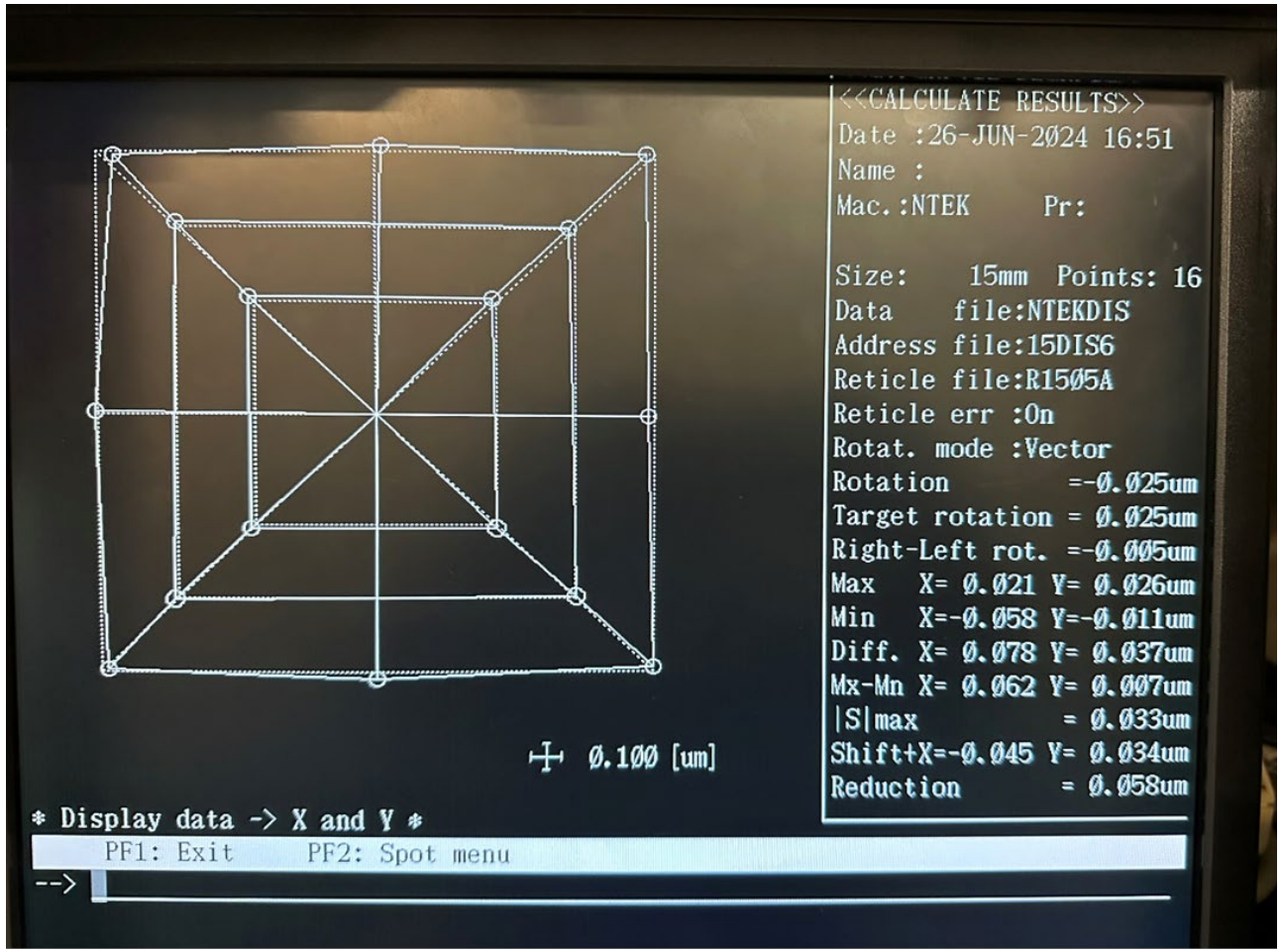
NSR-2005i8A Reticle Rotation

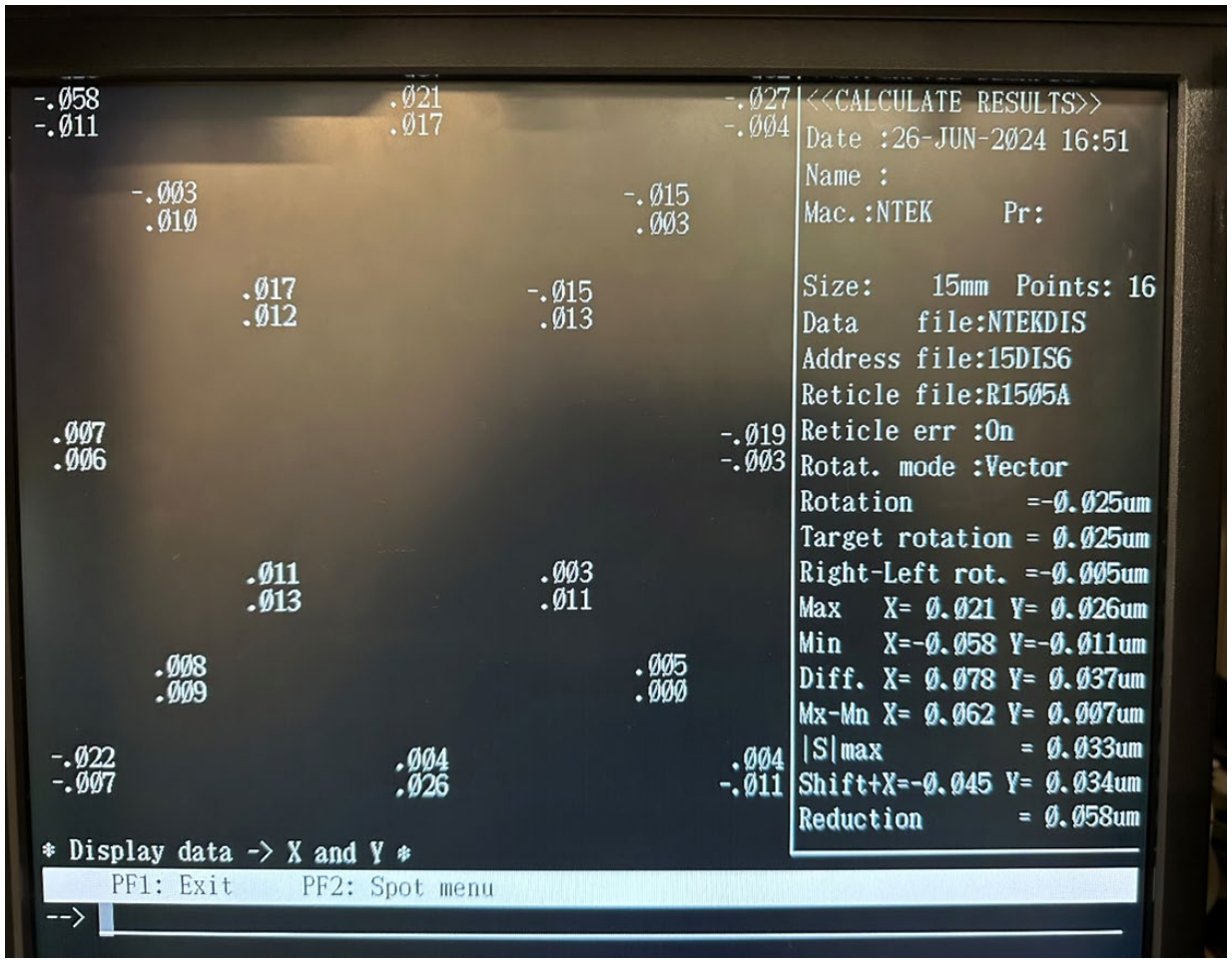


Spec: Ravr ≤ +/- 0.020µm

Spec: Rrep ≤ +/- 0.020µm

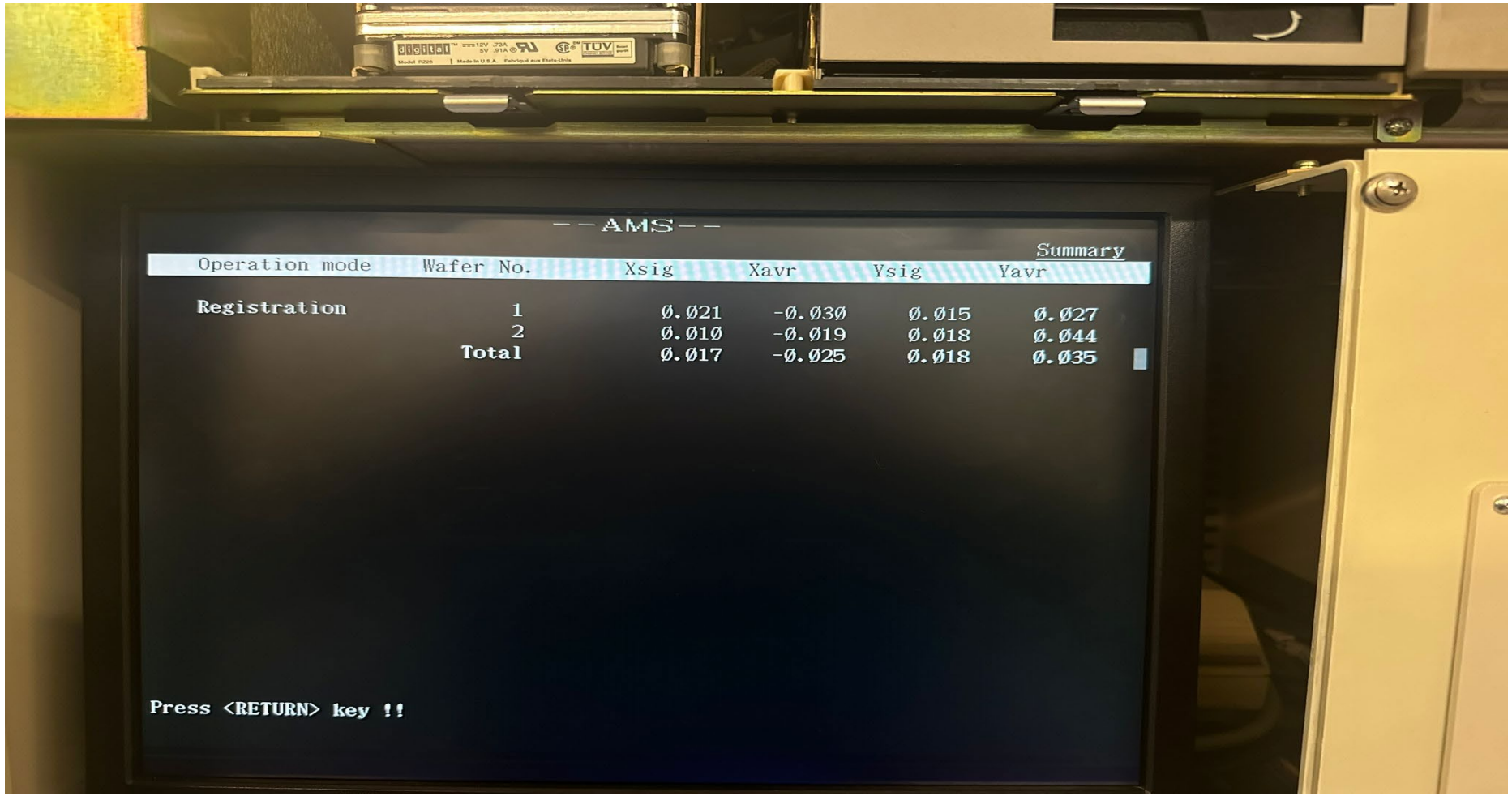
NSR-2005i8A Distortion





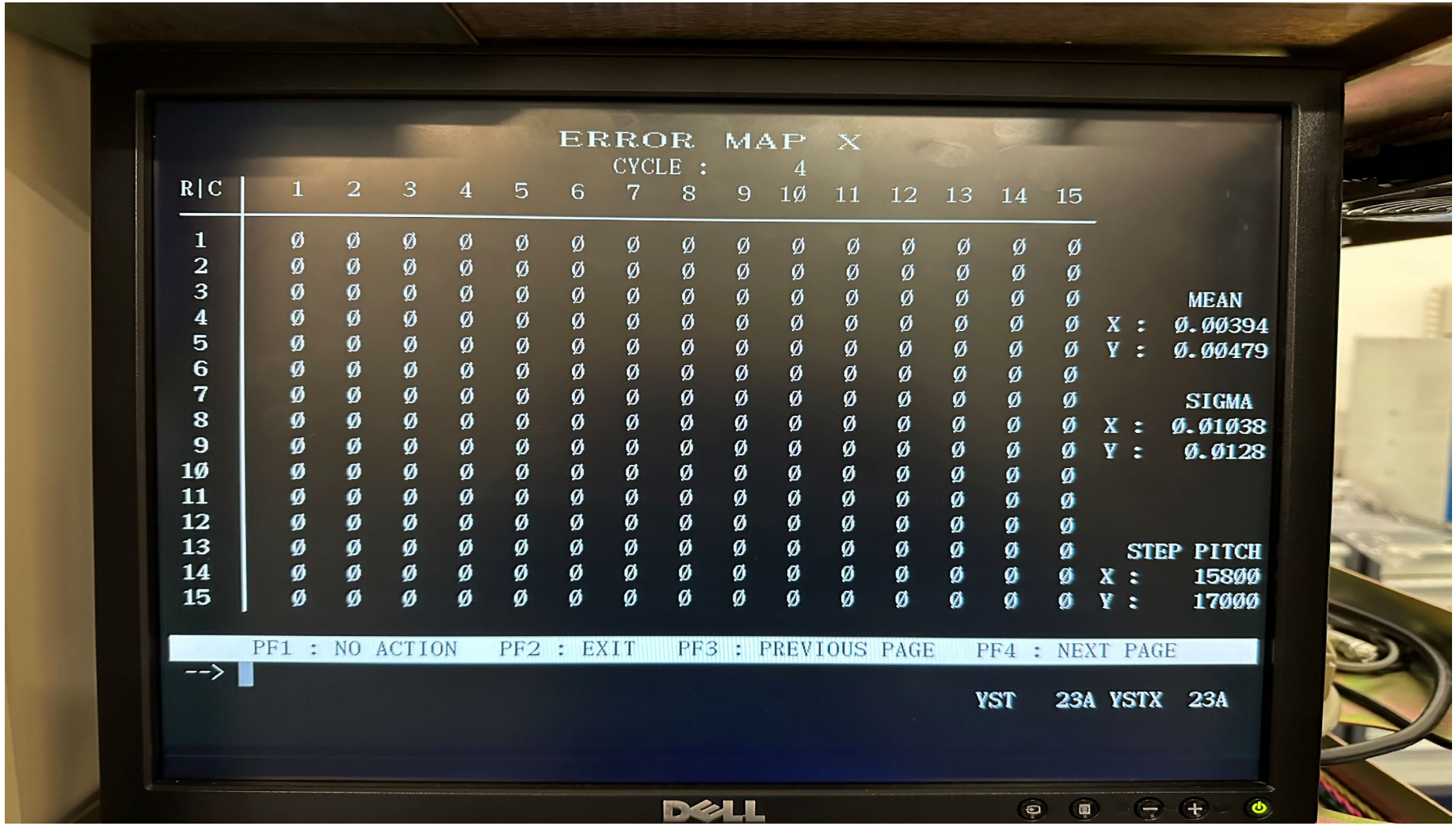
Spec: ≤ +/- 0.070µm

NSR-2005i8A Alignment Accuracy (EGA)

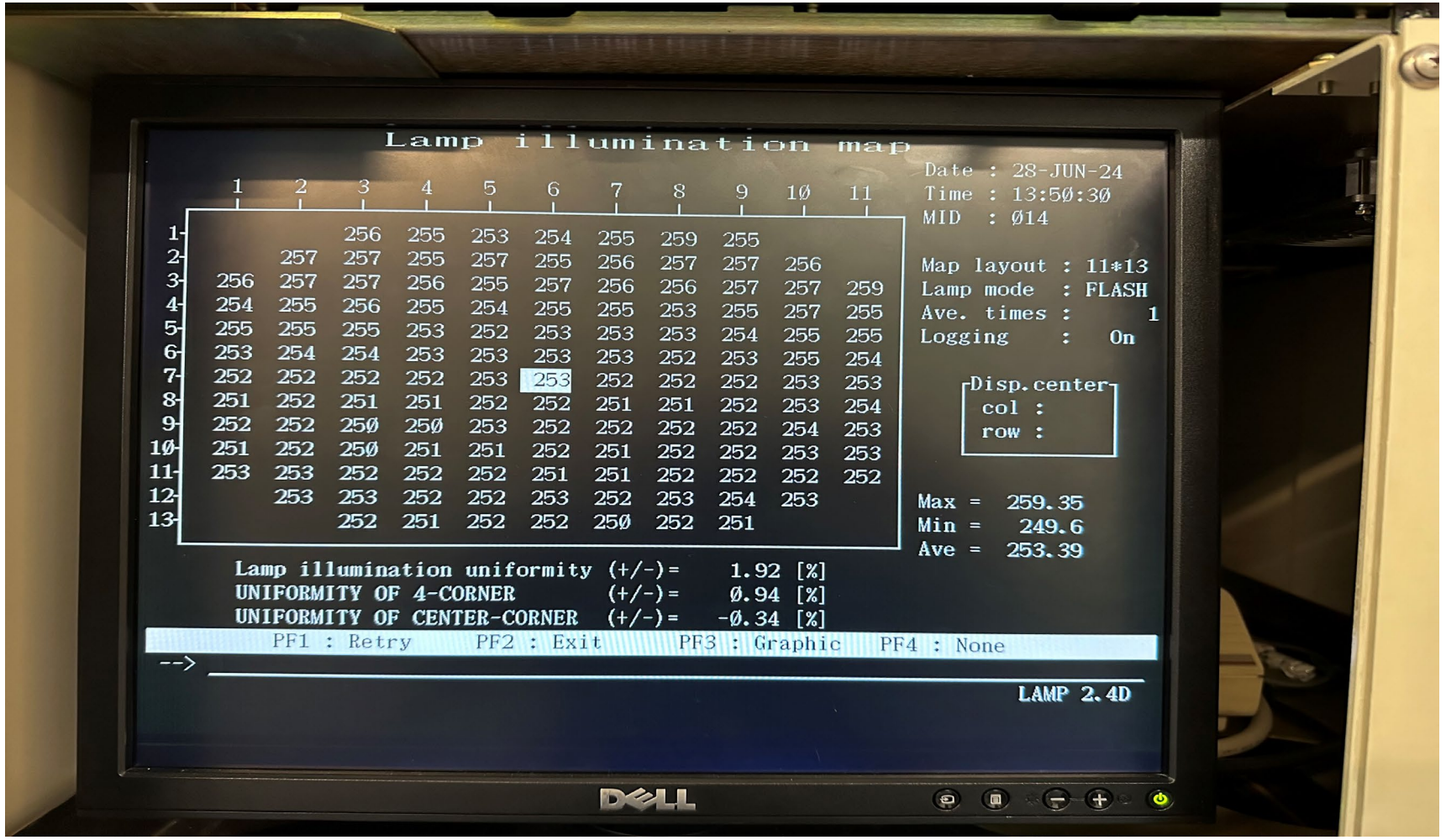


Spec: [Ave] + [3sig] ≤ ± 0.110μm

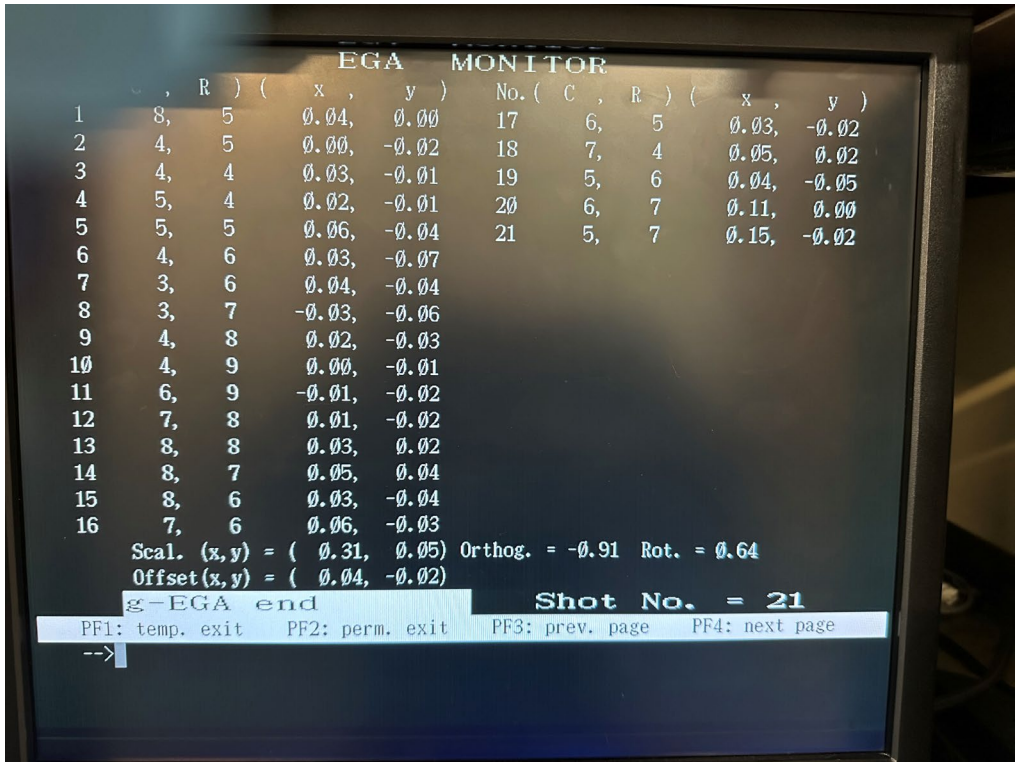
NSR-2005i8A Stage Running



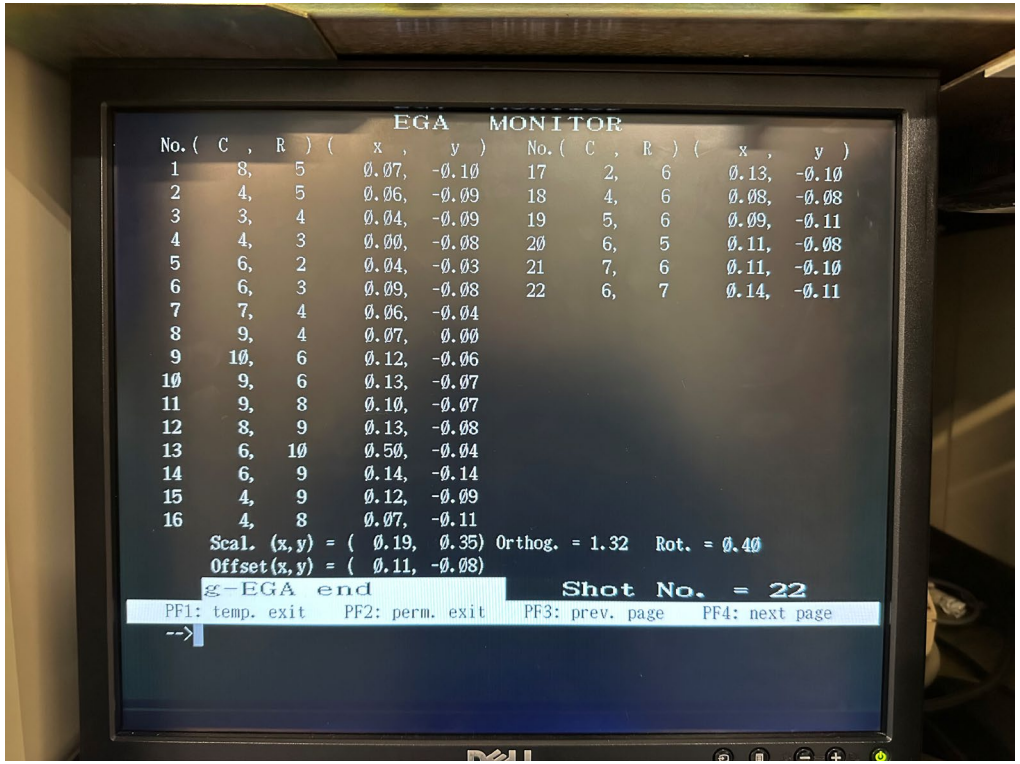
NSR-2005i8A Uniformity & Power



NSR-2005i8A Orthogonality



ORTM



ORTM90

Spec: ORTM+ORTM90 /2 = ≤ ± 0.48µm