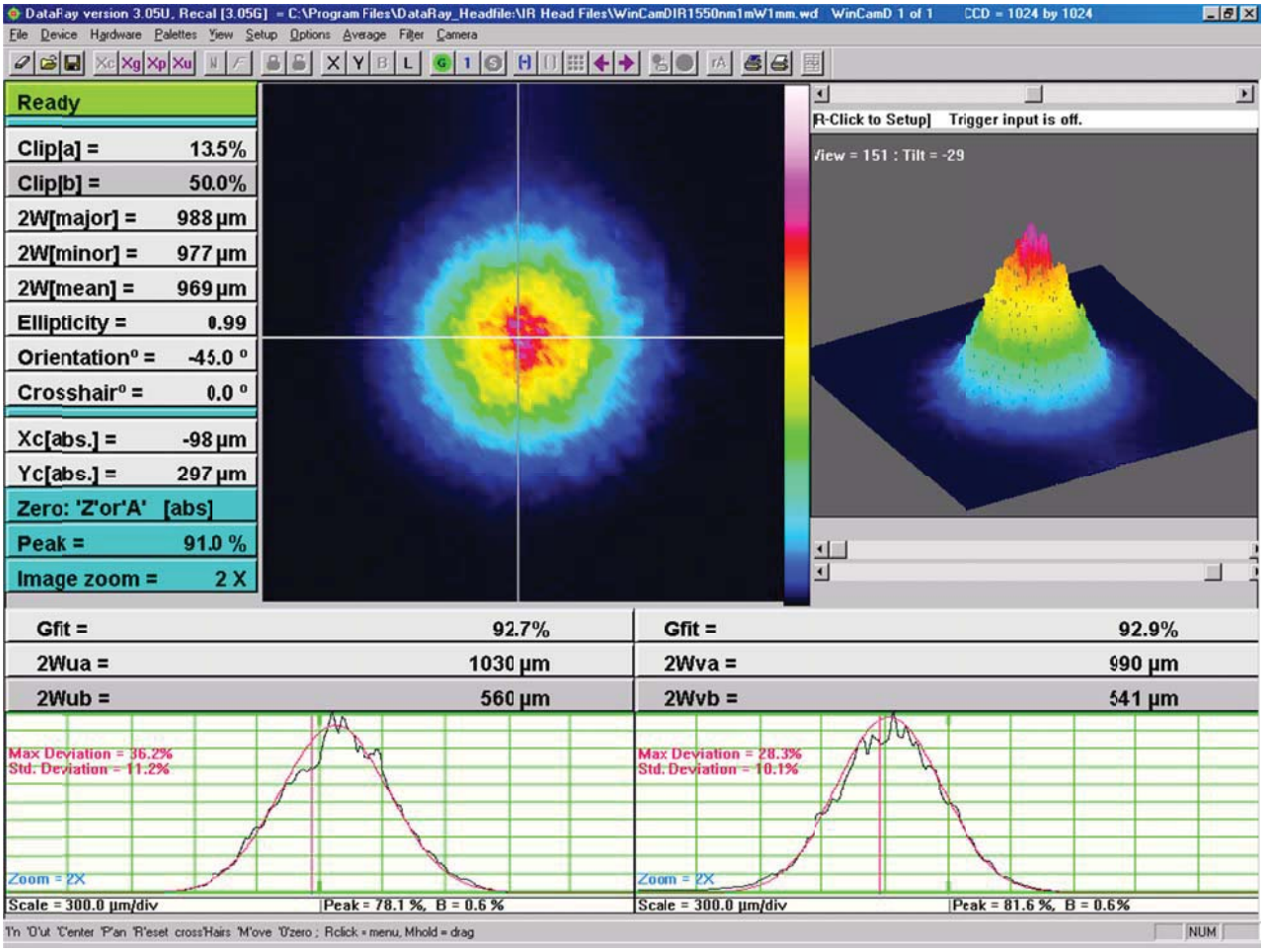
WinCamD-NIR: Economical Telecom beam profiling, 1475 to 1600 nm

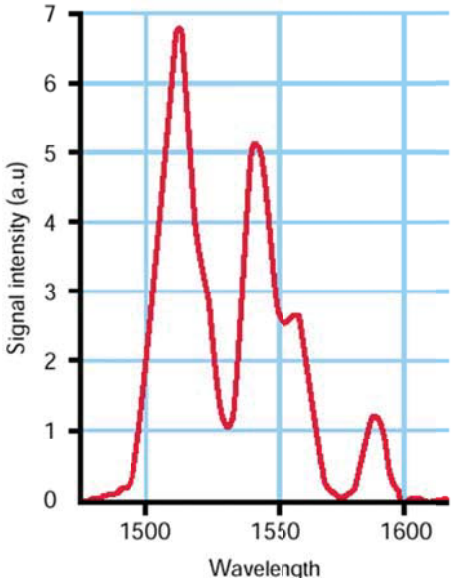


WinCamD-NIR & **TaperCamD-NIR** for Telecom C & L bands

- 1475 to 1600 nm, IR to visible conversion phosphor on Silicon CCD
- ≈25 µm FWHM point spread function due to phosphor (≈70 µm for **CamIR Adapter**)
- ±10% spatial response non-uniformity due to phosphor
- ~20 µW to 100 mW, for 1 mm diam. @1550 nm. (With 0.02% transmission (1550 nm) ND filter)
  e.g. 10 ms exposure on 1 mW, 1 mm diameter beam at 1550 nm.
- **Gamma**: Signal = (Incident Irradiance)$^{\gamma}$ where **γ** =1.414.
  Gamma (**γ**) correction is included in the software.

CamIR Adapter with C-mount

3.5:1 faceplate to sensor image reduction
46 mm diam. x 97 mm long



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