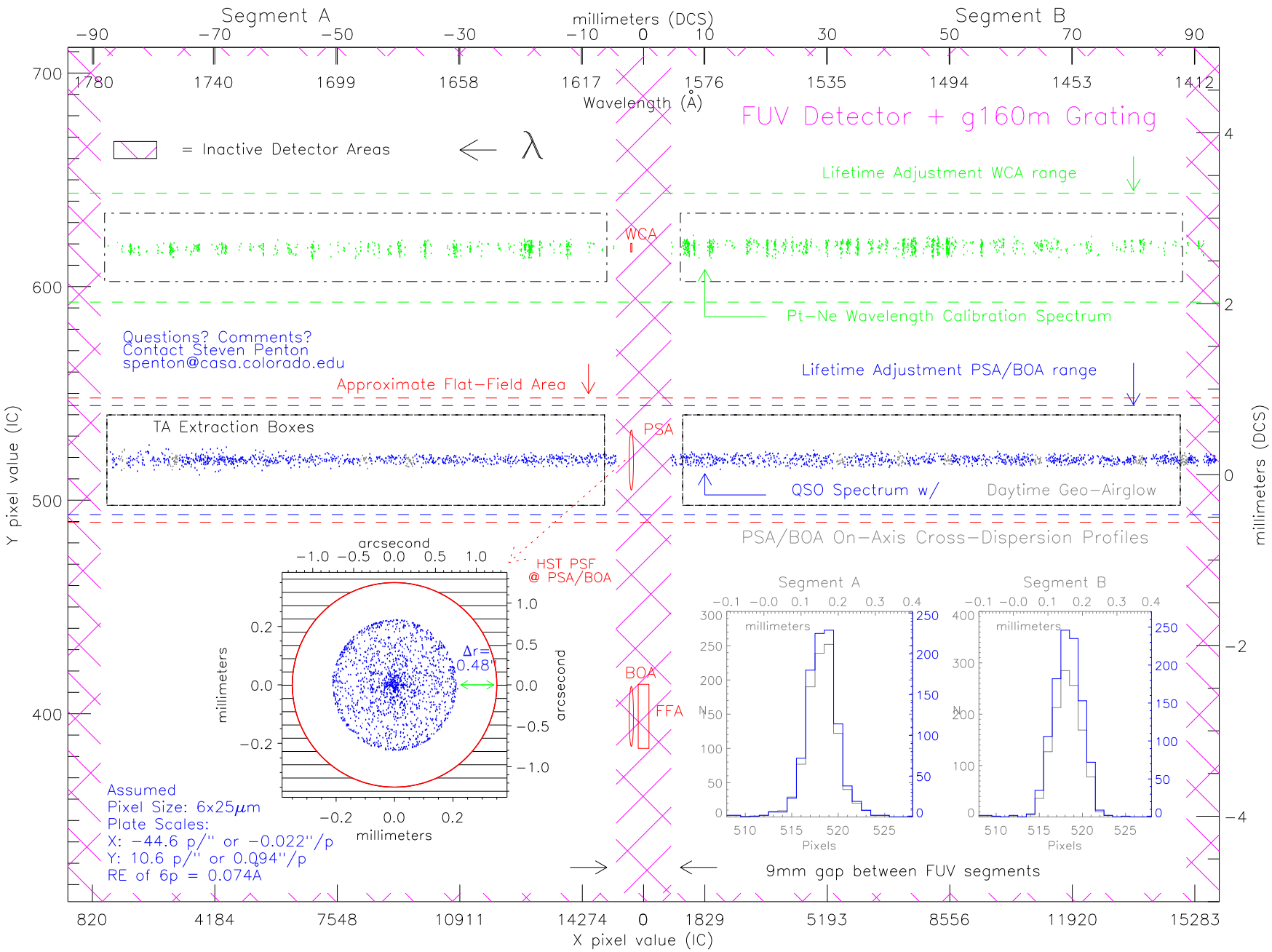
Segment A
Segment B
millimeters (DCS)
−90 −70 −50 −30 −10 0 10 30 50 70 90
1780 1740 1699 1658 1617 1576 1535 1494 1453 1412
Wavelength (Å)
FUV Detector + g160m Grating
= Inactive Detector Areas
λ
Lifetime Adjustment WCA range
WCA
Pt−Ne Wavelength Calibration Spectrum
Questions? Comments?
Contact Steven Penton
spenton@casa.colorado.edu
Approximate Flat−Field Area
Lifetime Adjustment PSA/BOA range
TA Extraction Boxes
PSA
QSO Spectrum w/
Daytime Geo−Airglow
PSA/BOA On−Axis Cross−Dispersion Profiles
arcsecond
HST PSF
@ PSA/BOA
millimeters
Δr=
0.48"
BOA
FFA
Segment A
Segment B
millimeters
Pixels
Assumed
Pixel Size: 6x25μm
Plate Scales:
X: −44.6 p/" or −0.022"/p
Y: 10.6 p/" or 0.094"/p
RE of 6p = 0.074A
9mm gap between FUV segments
Y pixel value (IC)
X pixel value (IC)
millimeters (DCS)
700 600 500 400
820 4184 7548 10911 14274 0 1829 5193 8556 11920 15283
4 2 0 −2 −4