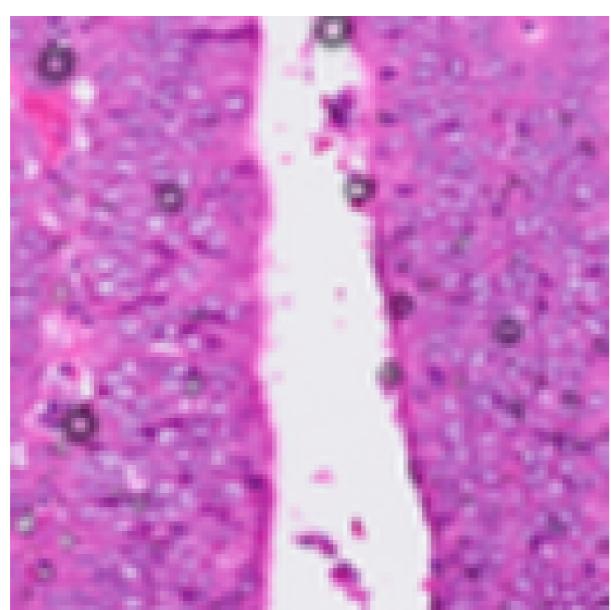


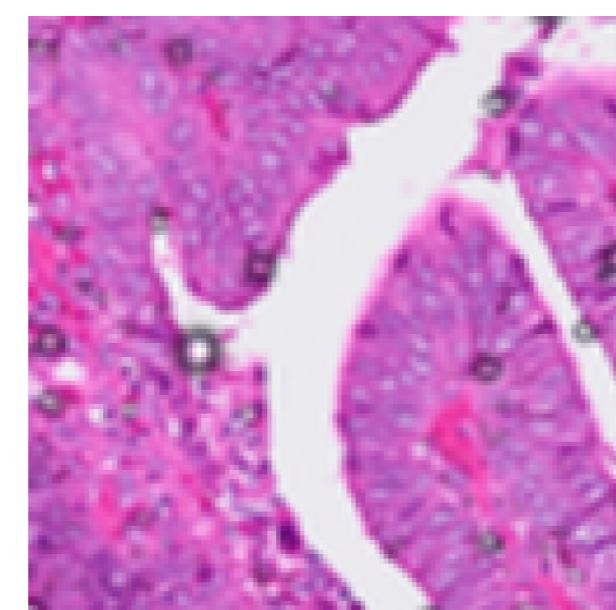
**CEACAM6 (Epithelial) — Tile-Level Comparison at  $2\mu\text{m}$  Resolution**  
Model E' (Poisson) vs Model D' (MSE) | Overall  $\Delta\text{SSIM} = +0.450$

Tile 1

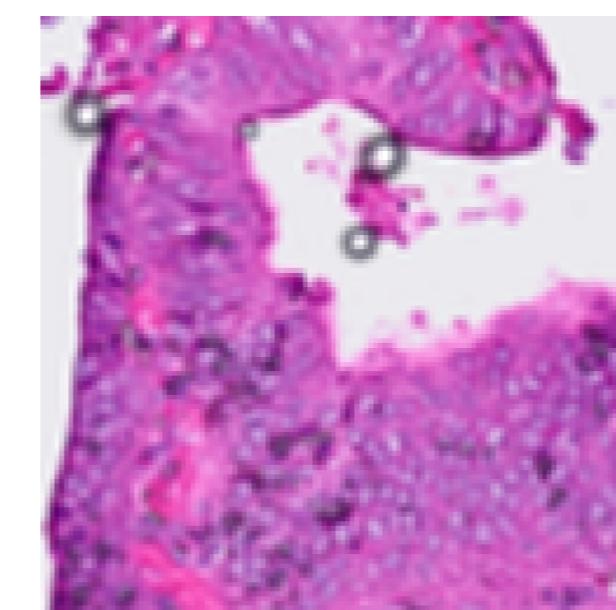


H&E  
(Input)

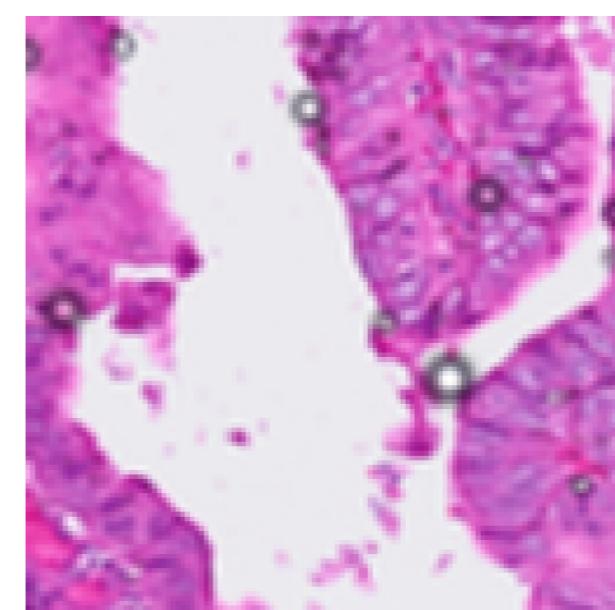
Tile 2



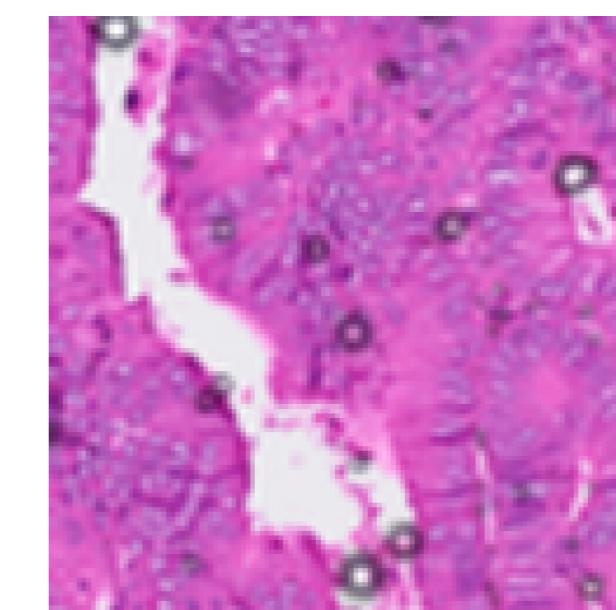
Tile 3



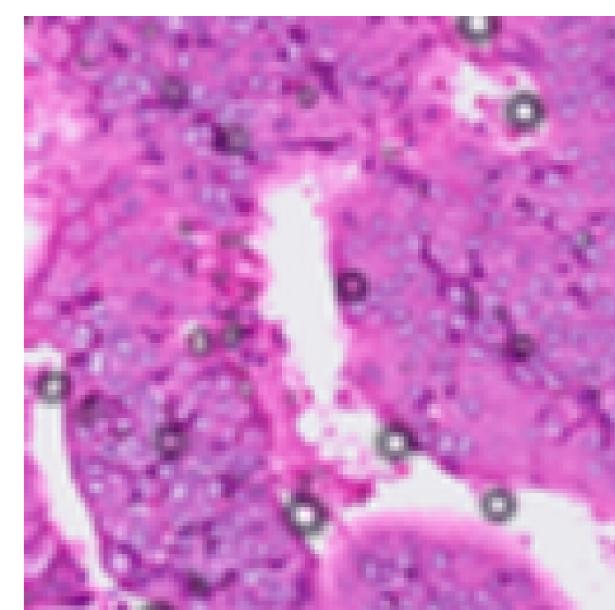
Tile 4



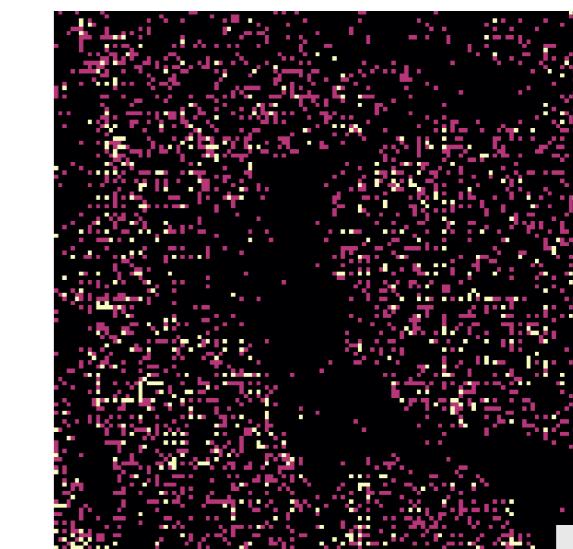
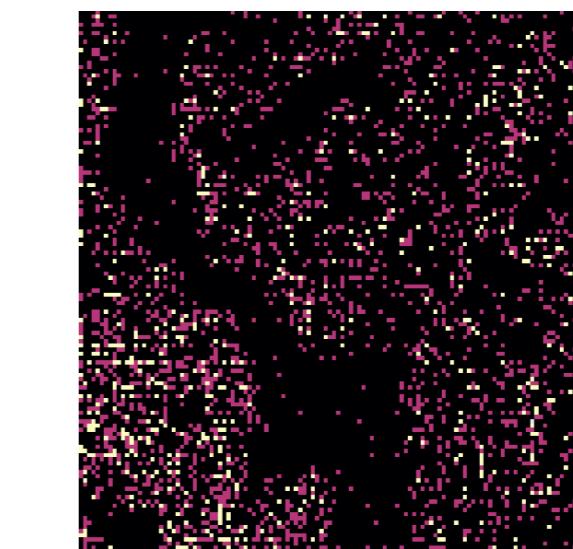
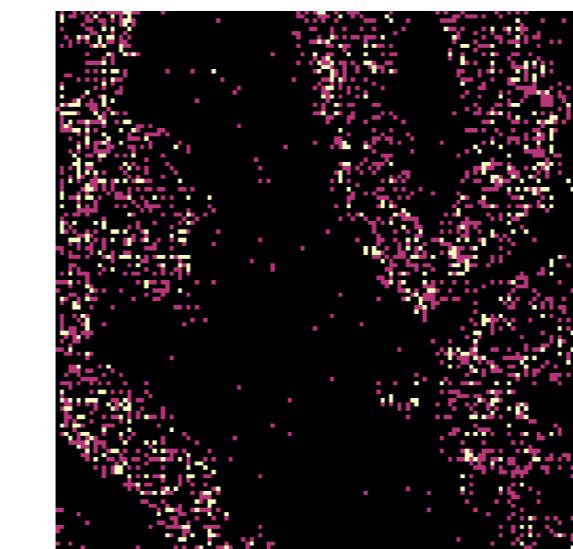
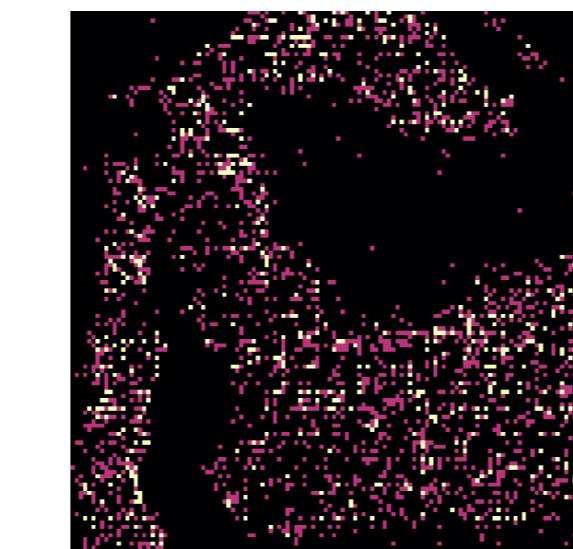
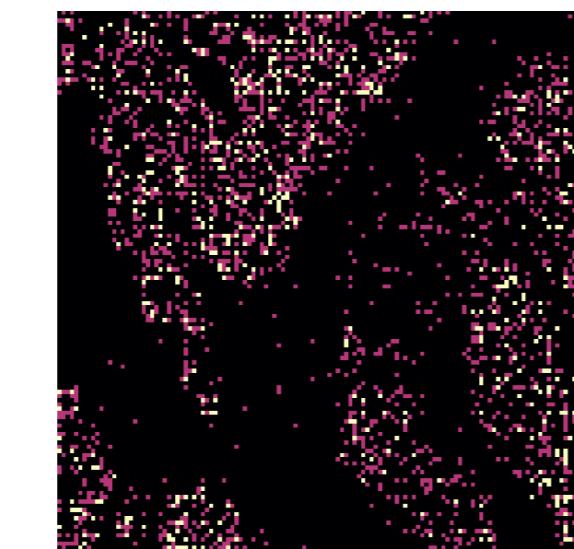
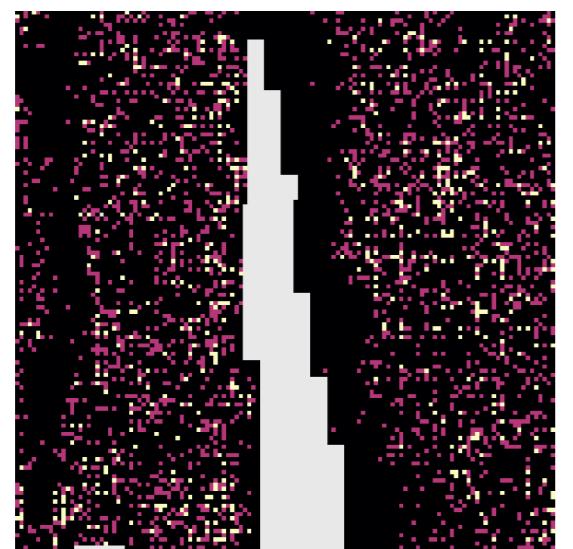
Tile 5



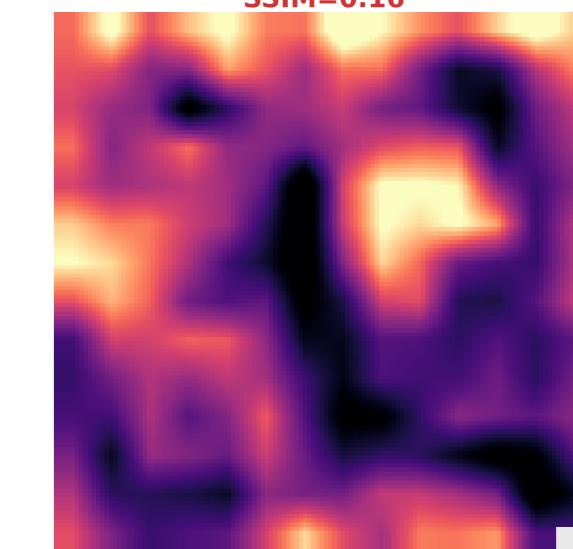
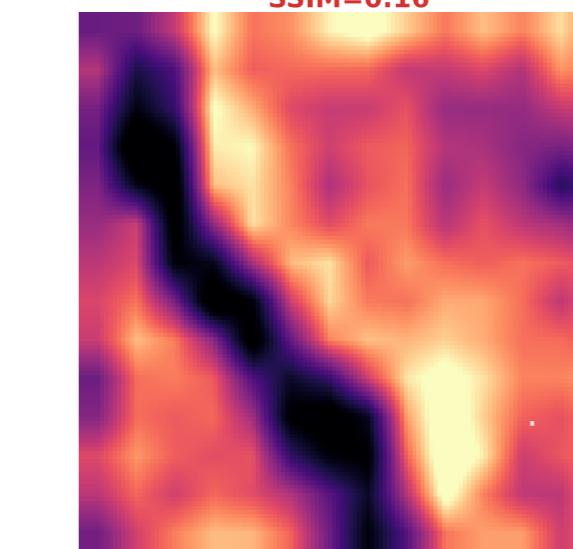
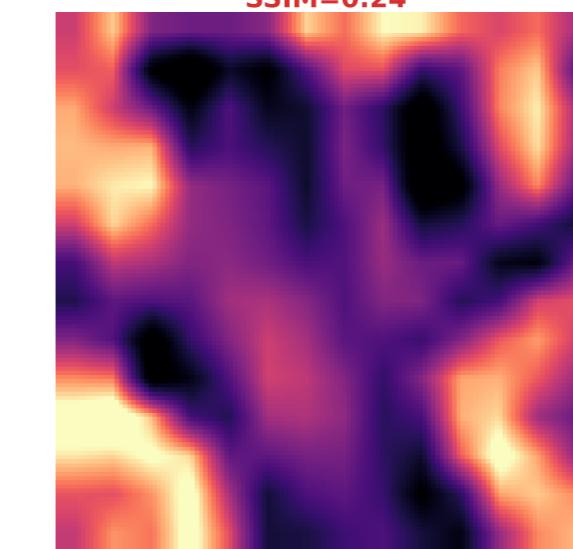
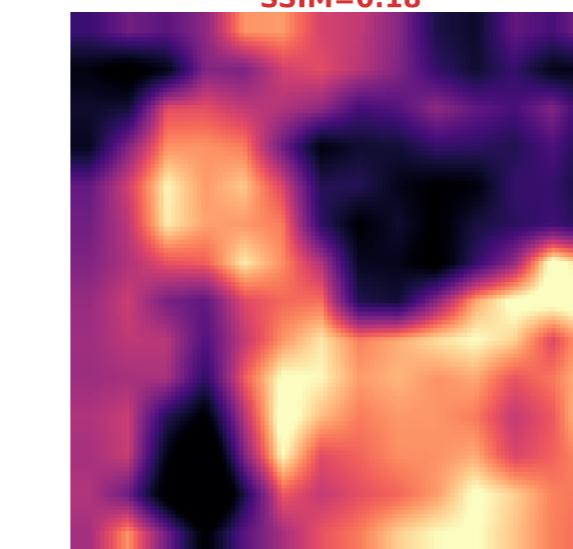
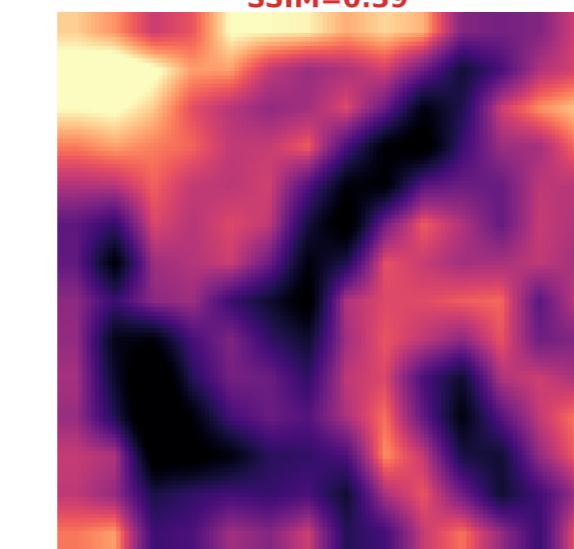
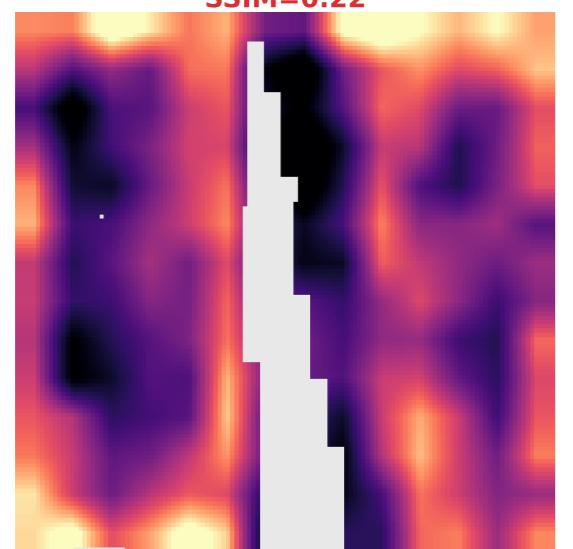
Tile 6



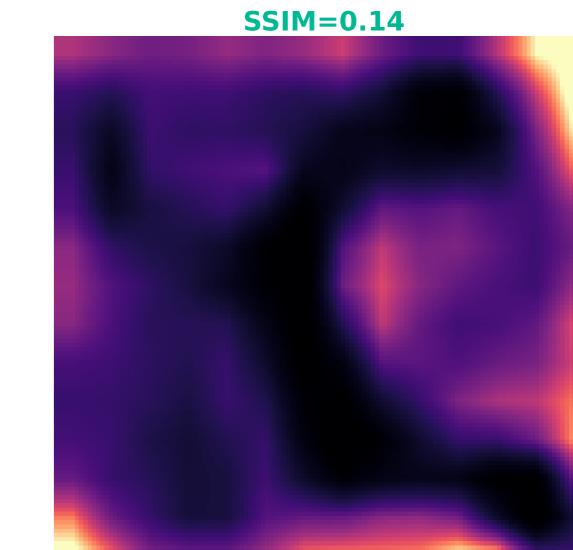
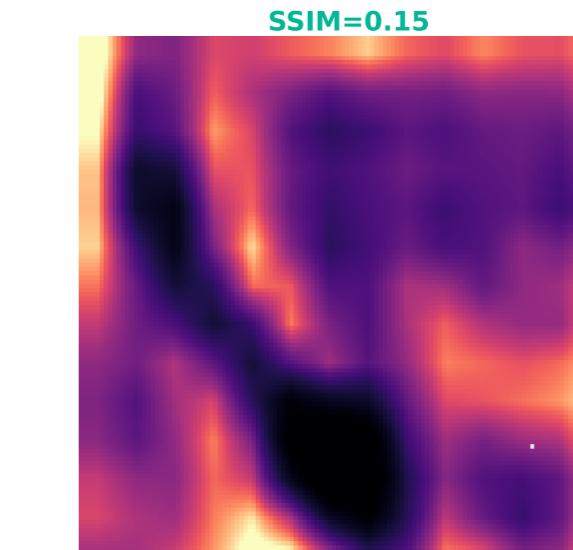
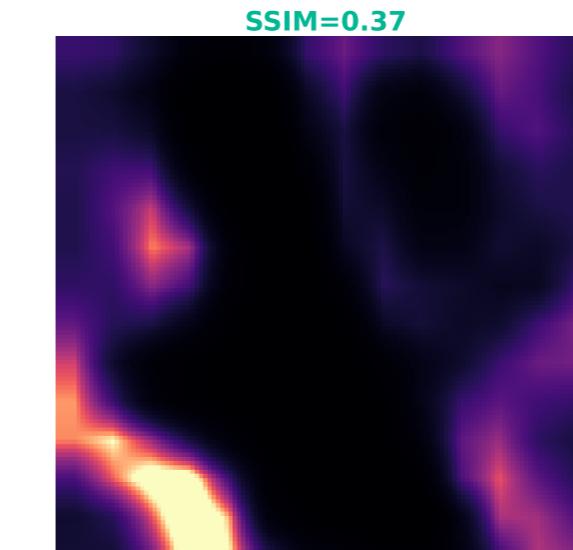
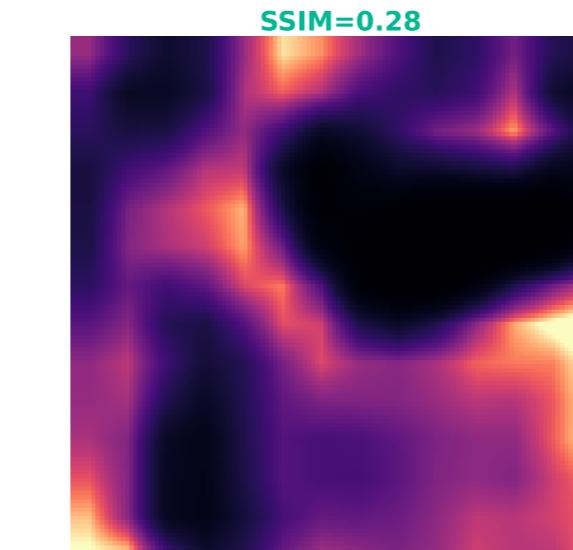
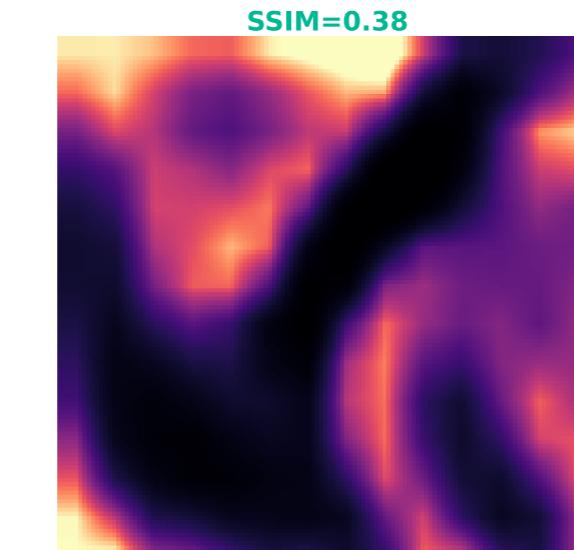
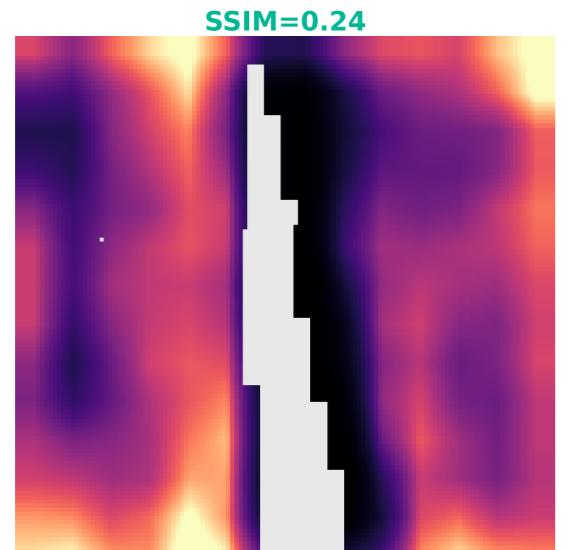
CEACAM6  
(Ground Truth)



Model D'  
(Hist2ST + MSE)



Model E'  
(Hist2ST + Poisson)



SSIM=0.22

SSIM=0.39

SSIM=0.18

SSIM=0.24

SSIM=0.16

SSIM=0.16

0.07 0.08 0.09 0.10 0.11 0.12 0.13

0.04 0.06 0.08 0.10 0.12

0.08 0.10 0.12 0.14 0.16

0.06 0.08 0.10 0.12 0.14 0.16

0.08 0.10 0.12 0.14 0.16

0.06 0.07 0.08 0.09 0.10 0.11 0.12 0.13

SSIM=0.24

SSIM=0.38

SSIM=0.28

SSIM=0.37

SSIM=0.15

SSIM=0.14

0.01 0.02 0.03 0.04 0.05

0.01 0.02 0.03 0.04 0.05

0.01 0.02 0.03 0.04 0.05 0.06

0.025 0.050 0.075 0.100 0.125 0.150 0.175

0.005 0.010 0.015 0.020 0.025 0.030 0.035

0.005 0.010 0.015 0.020 0.025 0.030