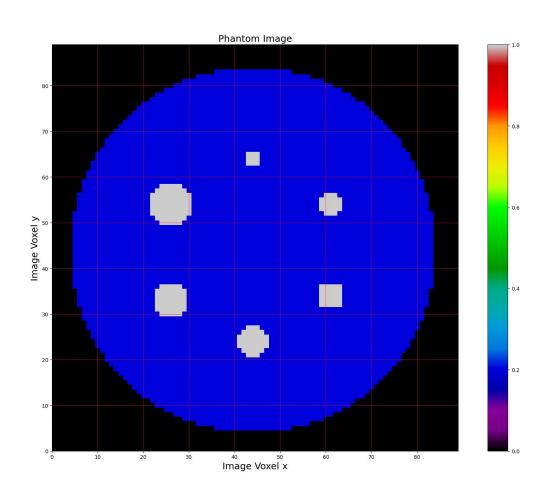
## ML-EM and MAP-EM Image Reconstruction Output

## **Phantom Image Used for Reconstruction**



**ML-EM** 

Iterations: 1000

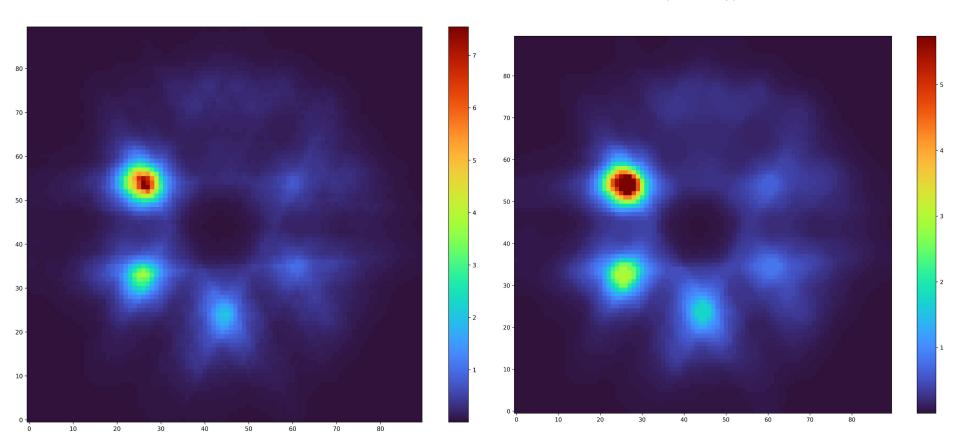
Time Taken: < 1min (local setup)



Iterations - 1000

 $\beta$  (Weight / Smoothening Factor)= 0.01

Time Taken: ~ 5mins (local setup)



**ML-EM** 

Iterations: 5000

Time Taken: ~3mins (local setup)



Iterations - 5000

 $\beta$  (Weight / Smoothening Factor)= 0.01

Time Taken: ~ 20mins (local setup)

