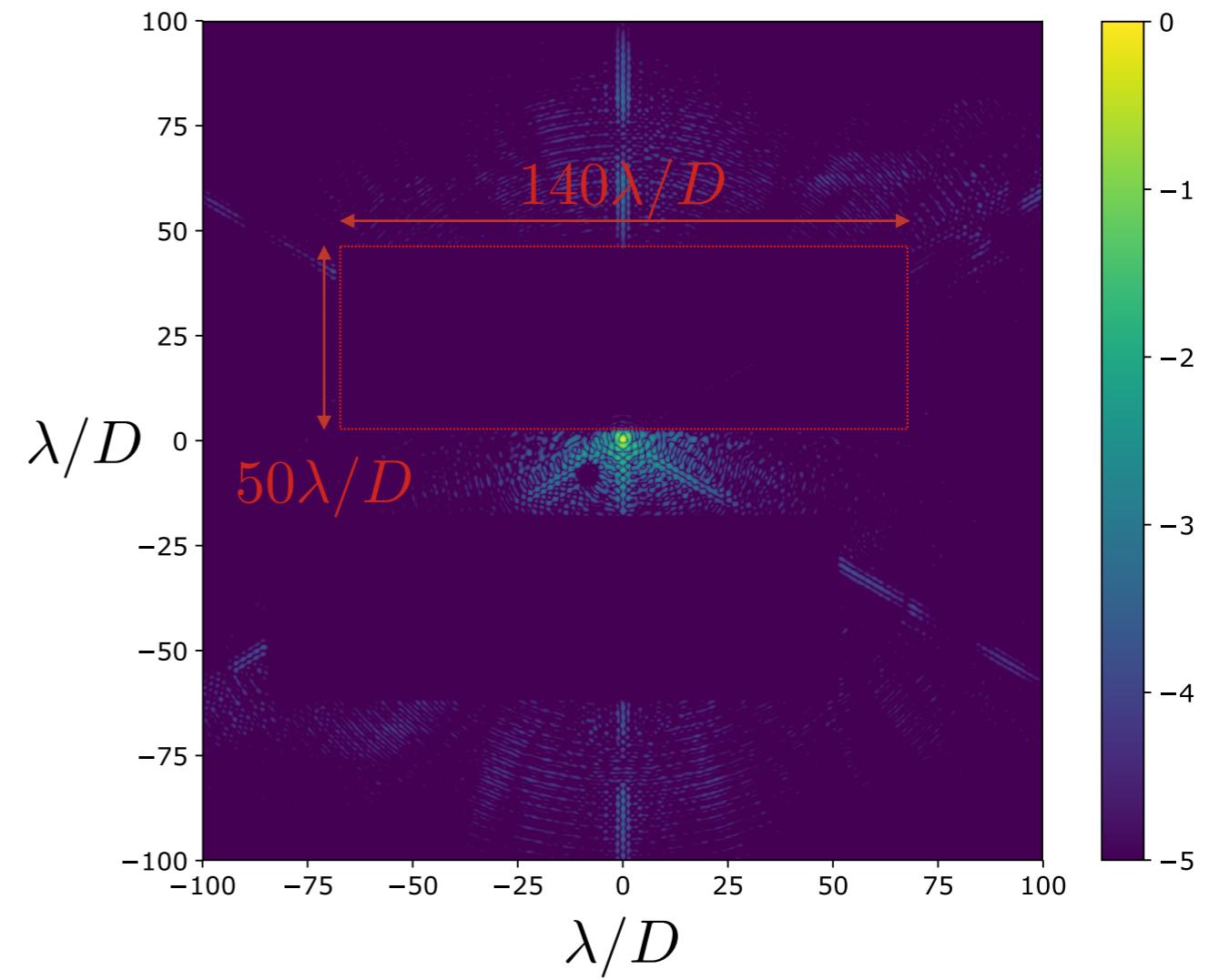
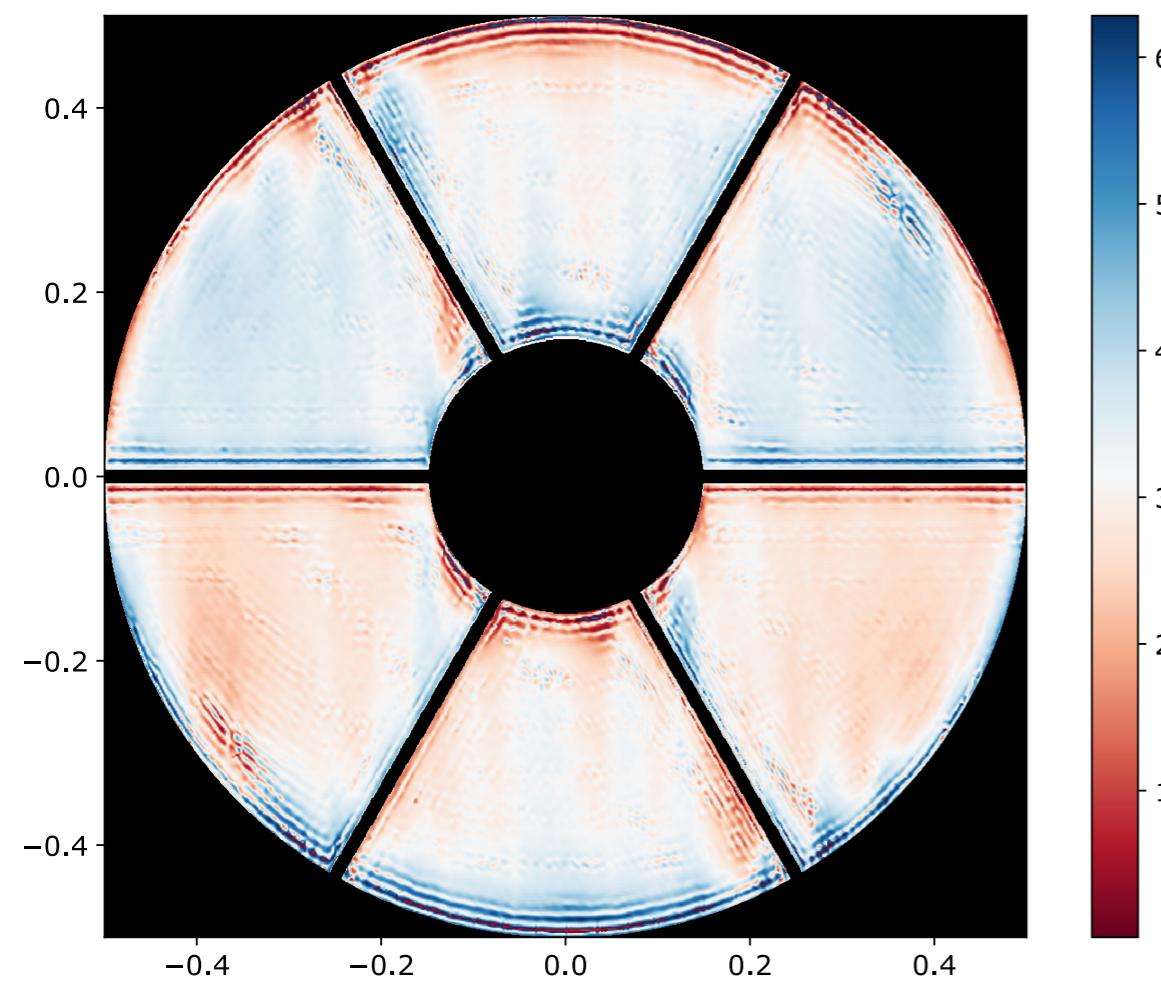


# **METIS vAPP**

## **description**

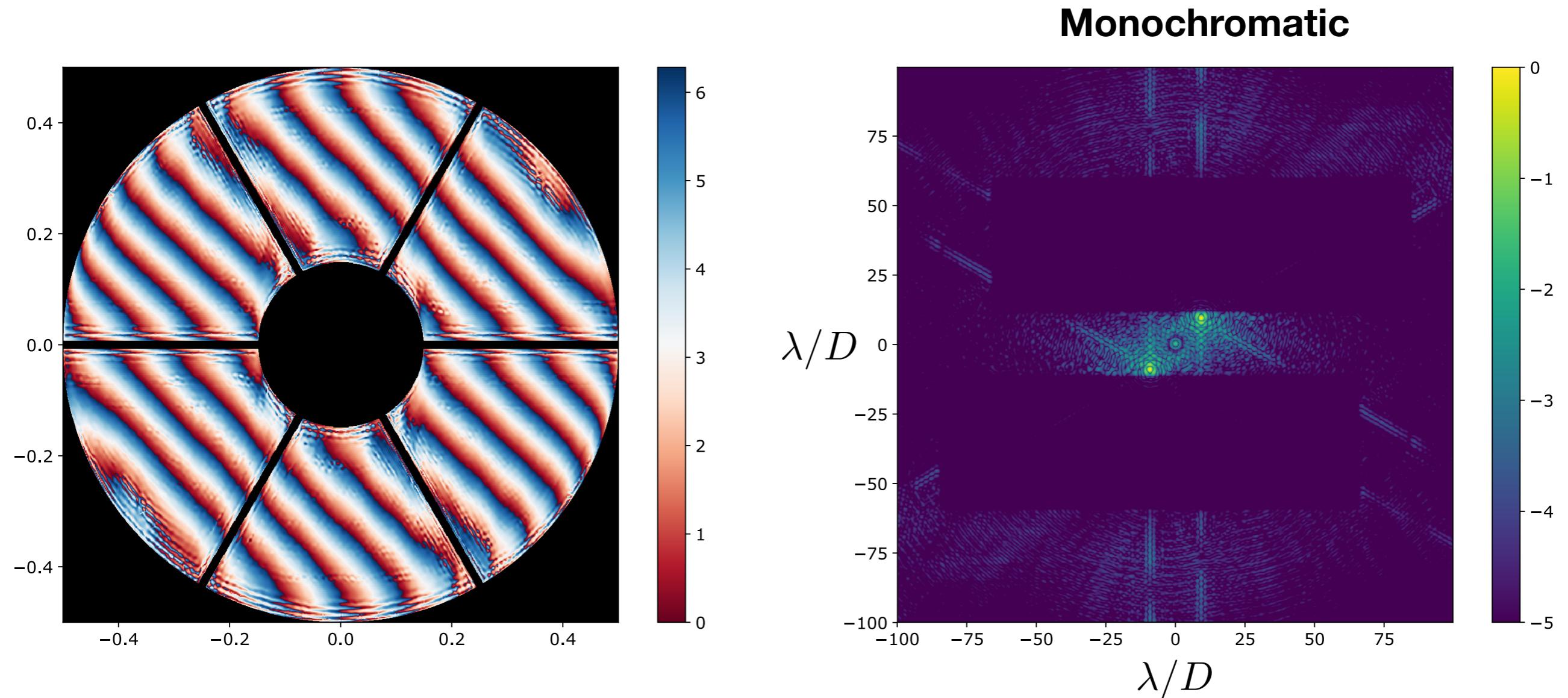
David Doelman – 21 Jan 2019

# vAPP design

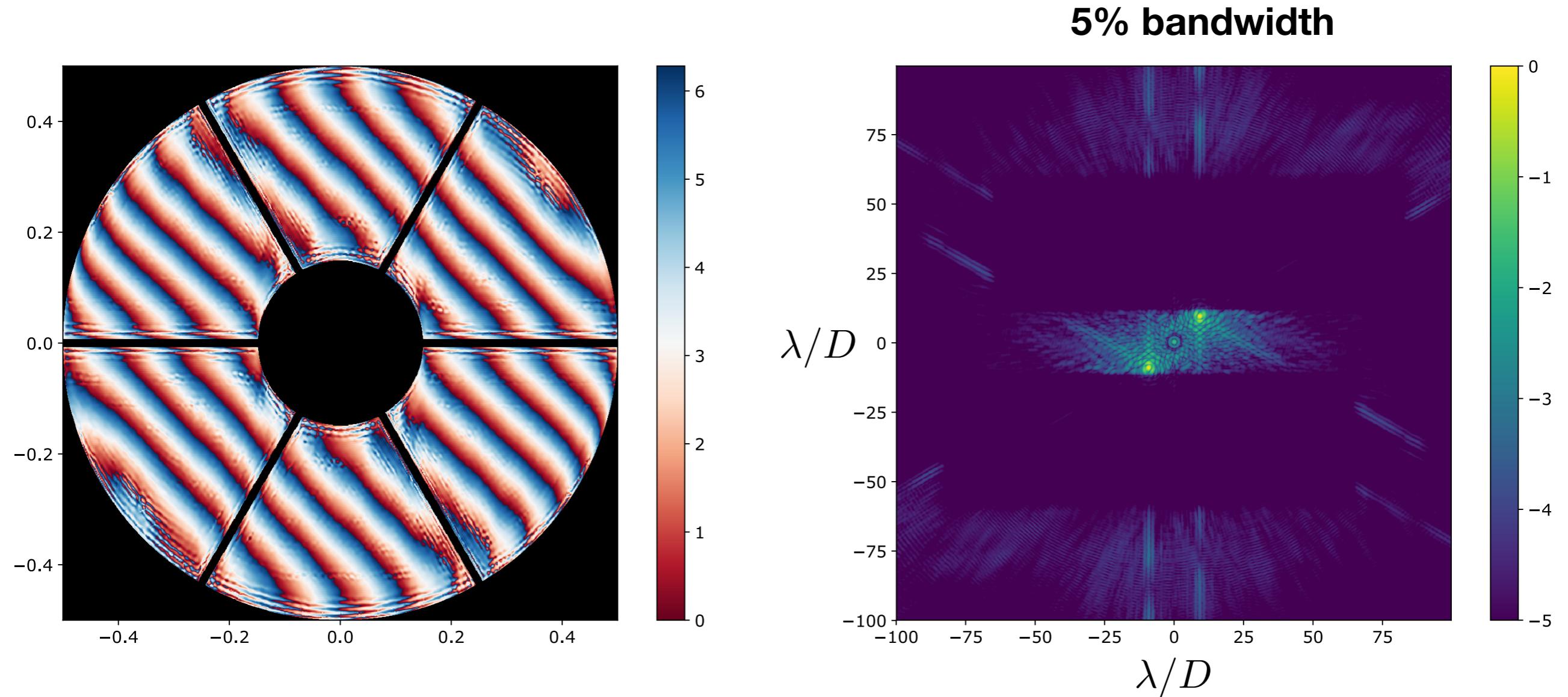


**Inner working angle =  $2.2 \lambda/D$**   
**Outer working angle =  $50 \lambda/D$**   
**Strehl = 64%**

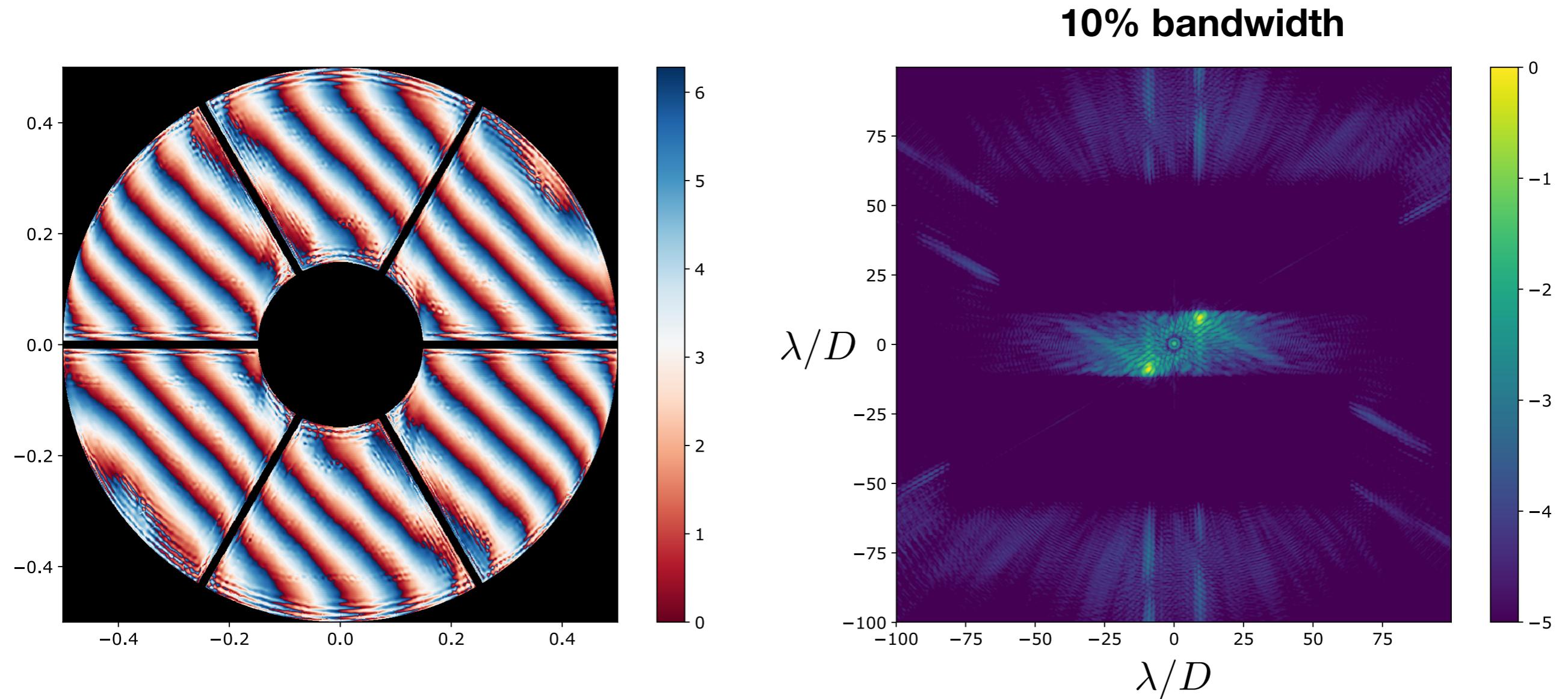
# grating-vAPP design



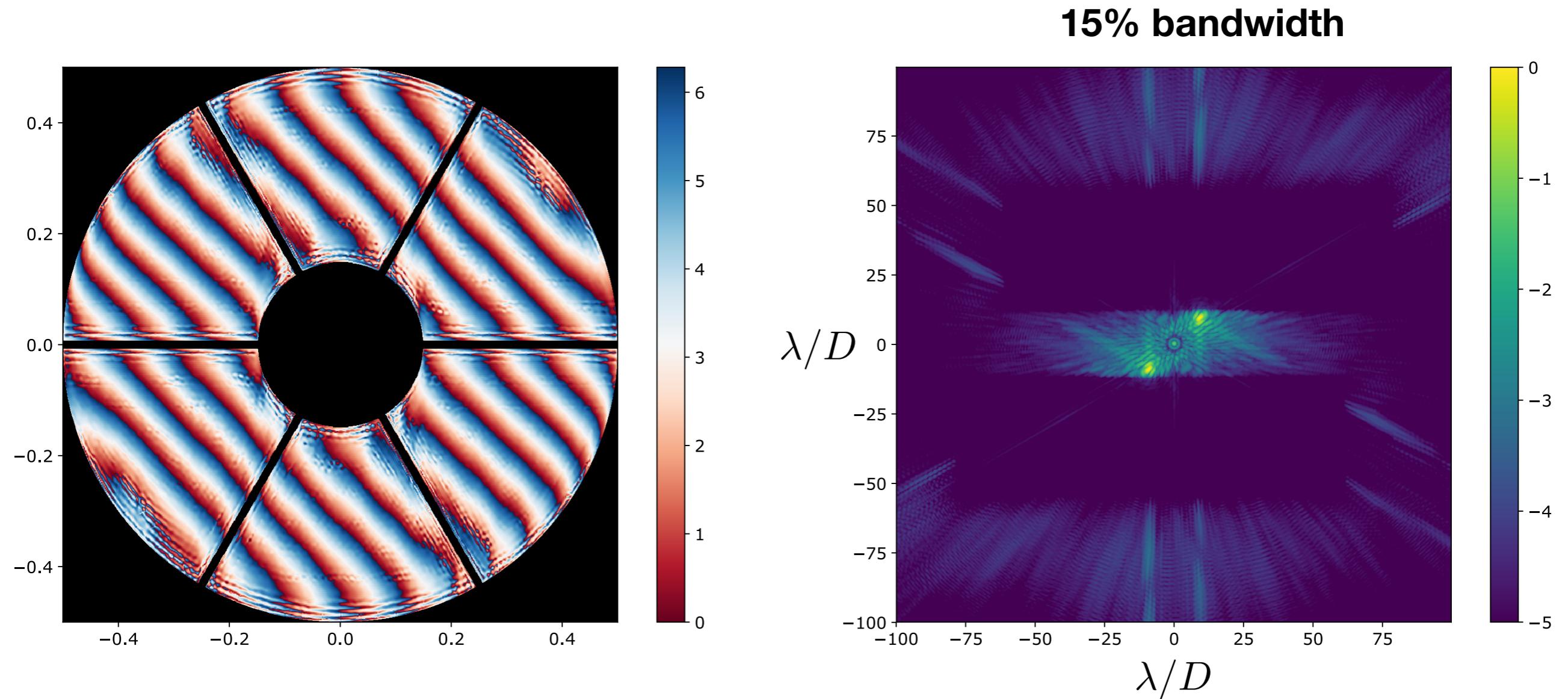
# grating-vAPP design



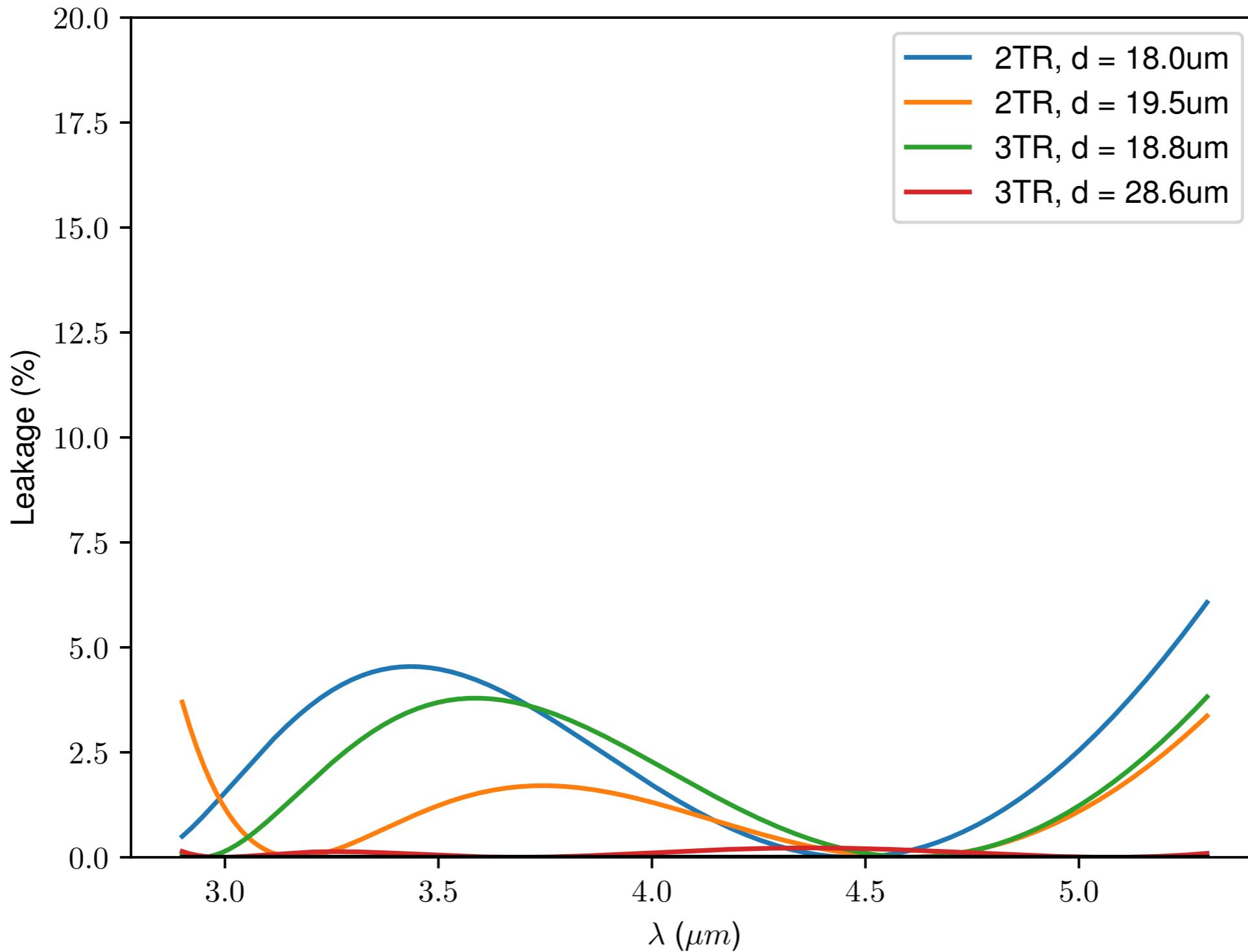
# grating-vAPP design



# grating-vAPP design



# Leakage vs Wavelength



**Leakage is the percentage of light in the leakage PSFs  
with unpolarised light as input for the vAPP**