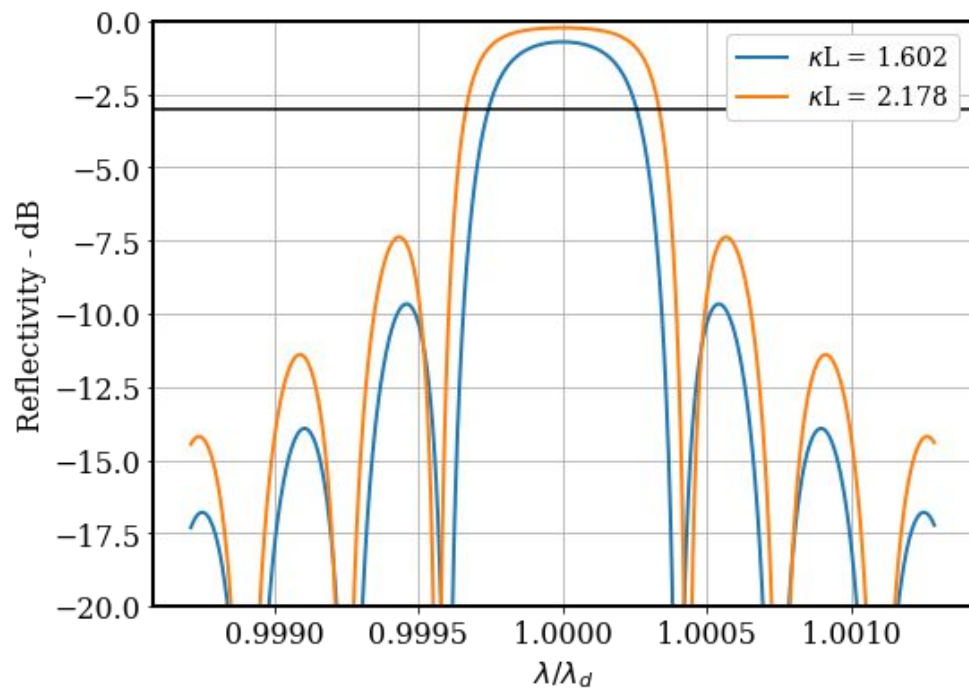
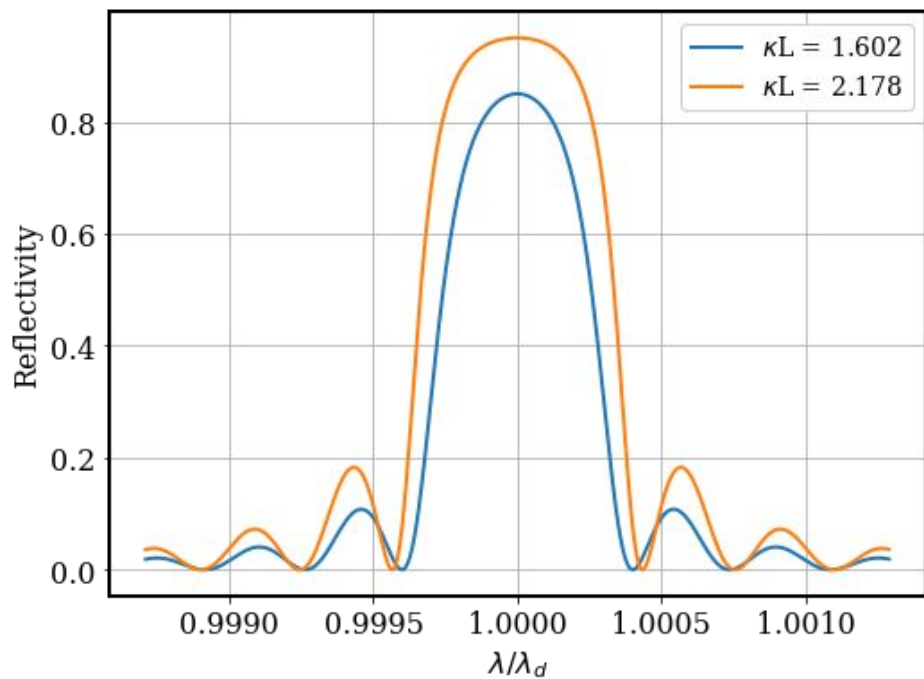


BRAGG GRATING

Moisés de Araújo Oliveira



$L = 1.5 \text{ mm}$

$r_{\text{max_1}} = 0.85$

$r_{\text{max_2}} = 0.95$

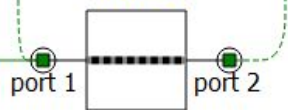
Interconnect

ONA_1



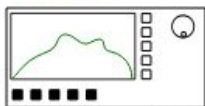
Properties:
analysis type = scattering data

WBG_1



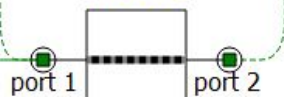
Properties:
length = 0.0015 (m)

ONA_2



Properties:
analysis type = impulse response

WBG_2



Properties:
length = 0.0015 (m)

ONA_3

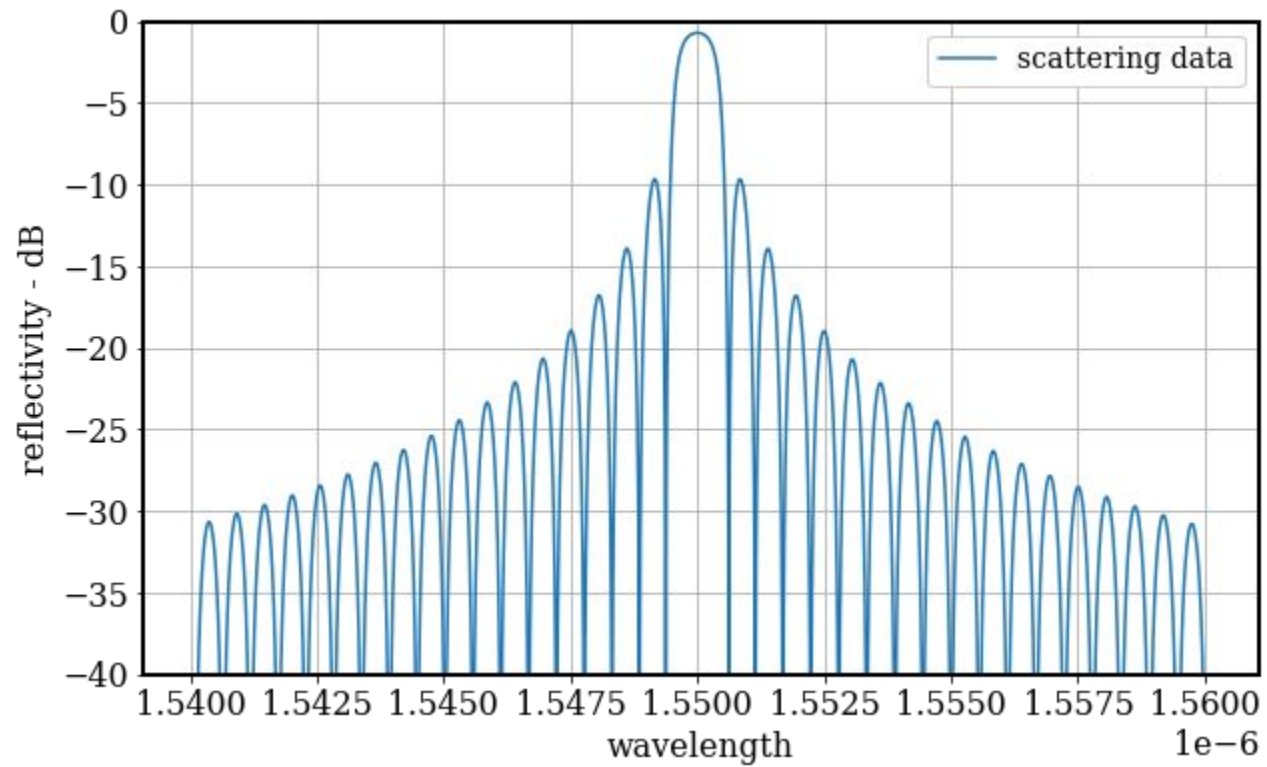


Properties:
analysis type = impulse response

WBG_3

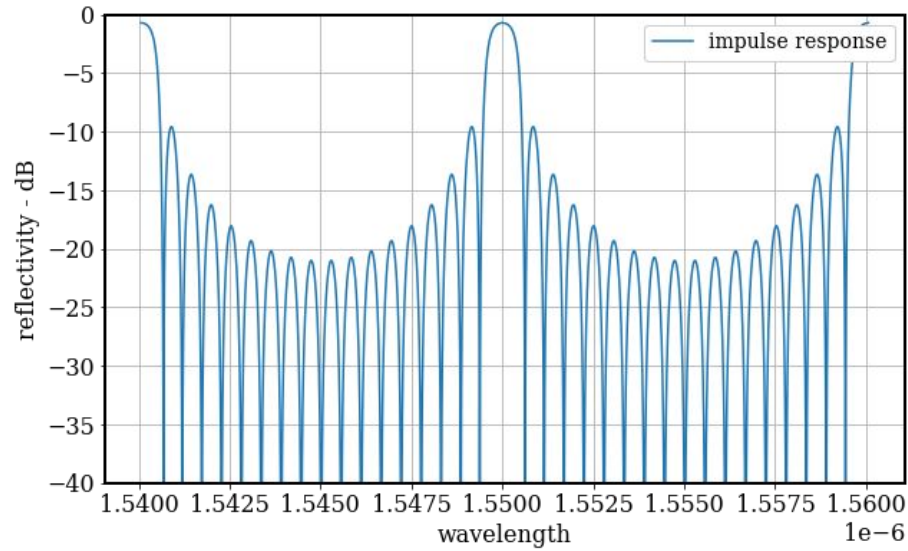


Properties:
length = 0.0015 (m)



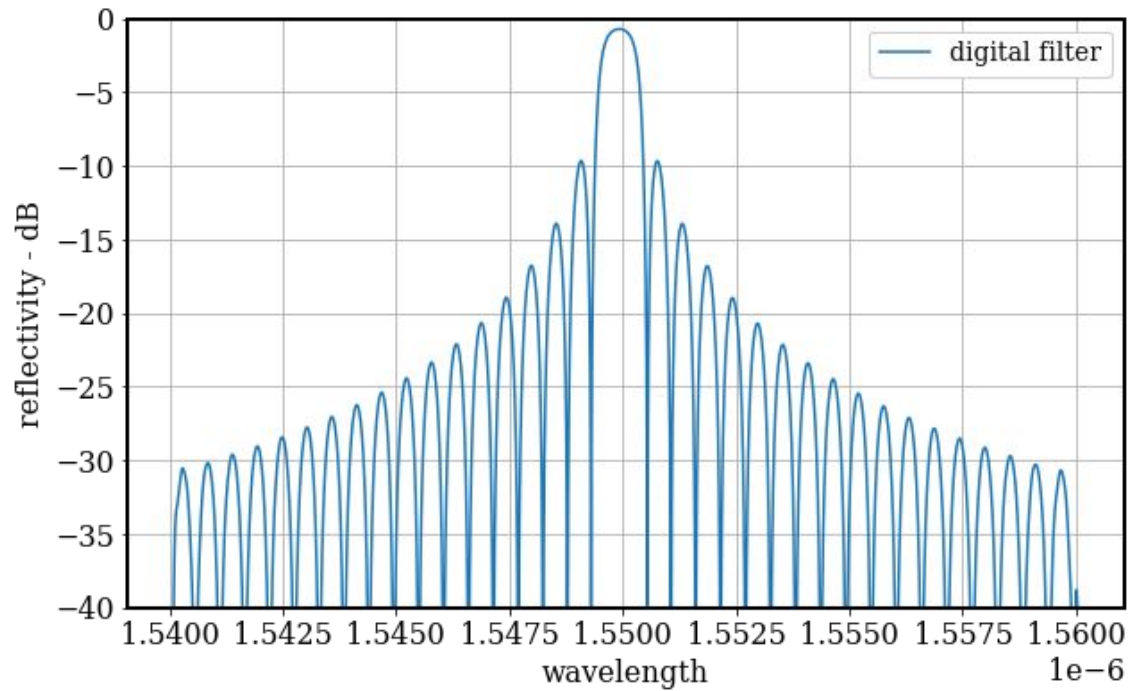
$L = 1.5 \text{ mm}$

Effective index AC change = 0.000526898



Impulse response = True

digital filter = False



Impulse response = True

Digital Filter = True

Increasing the bandwidth of the Impulse response to 60nm

