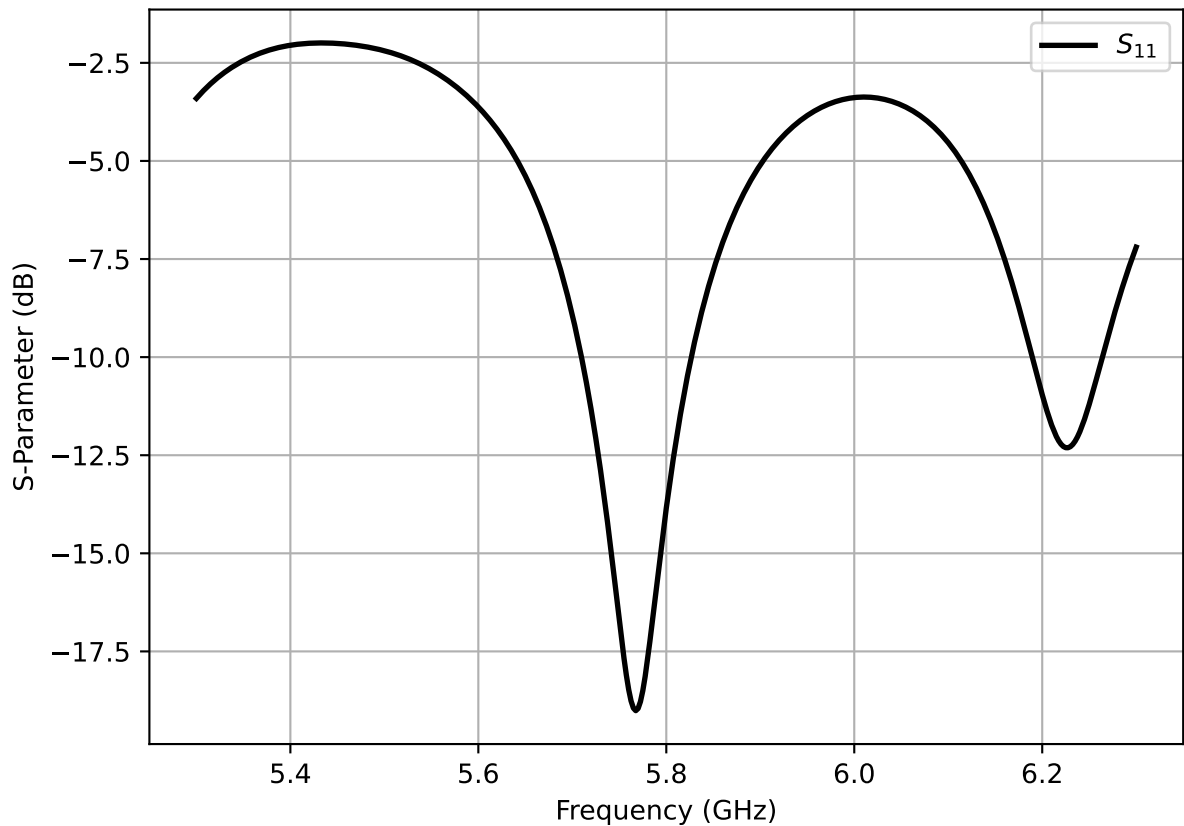
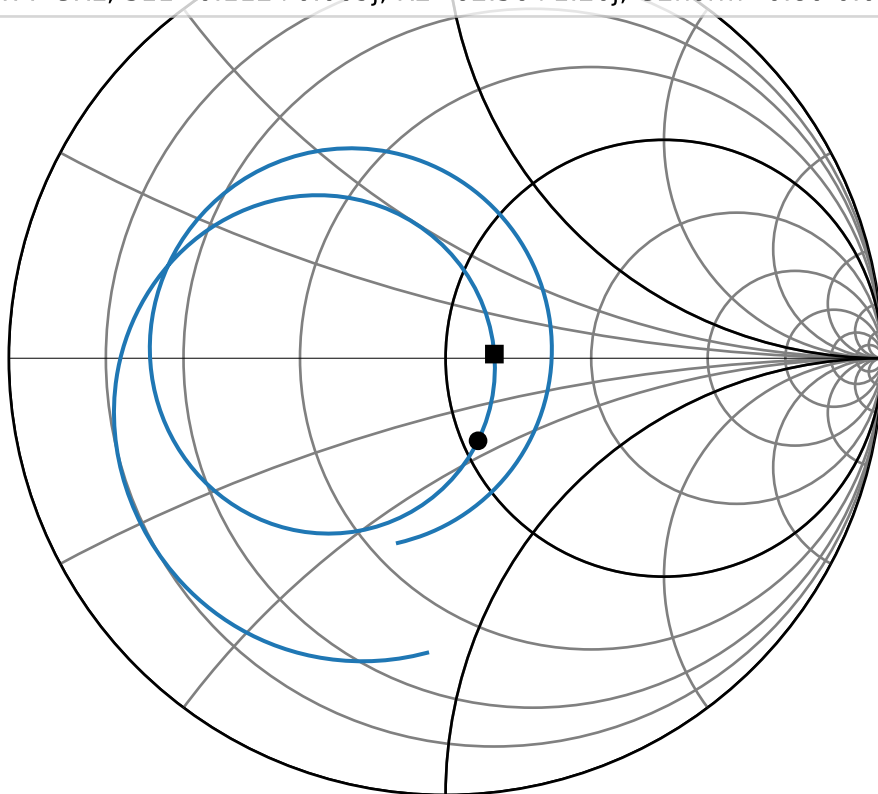


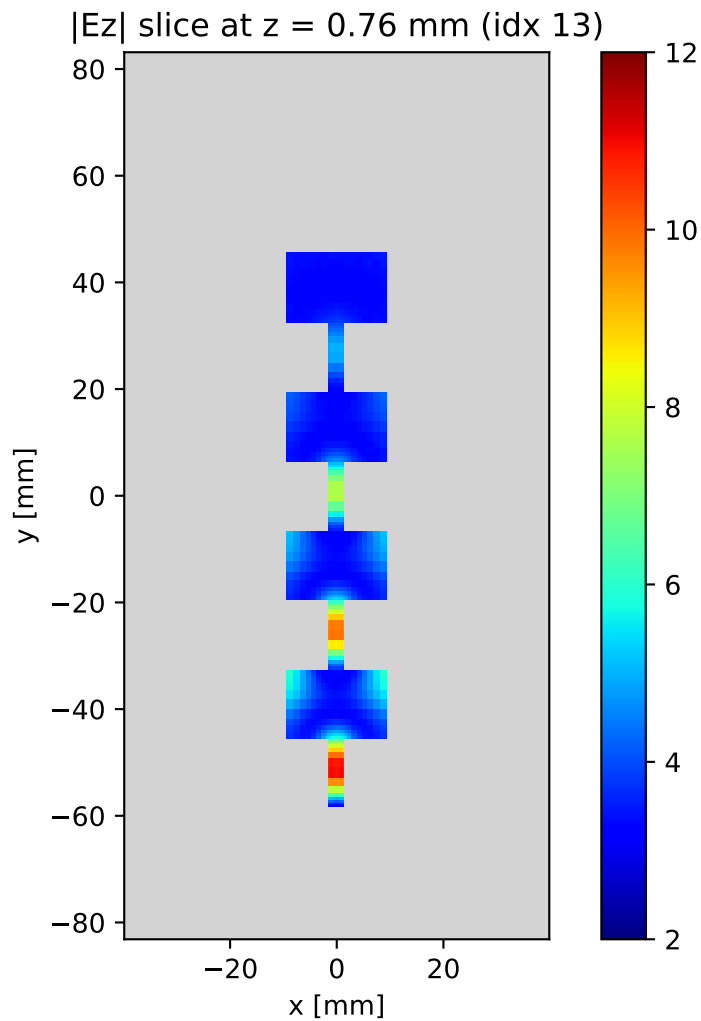
Reflection Coefficient  $S_{11}$



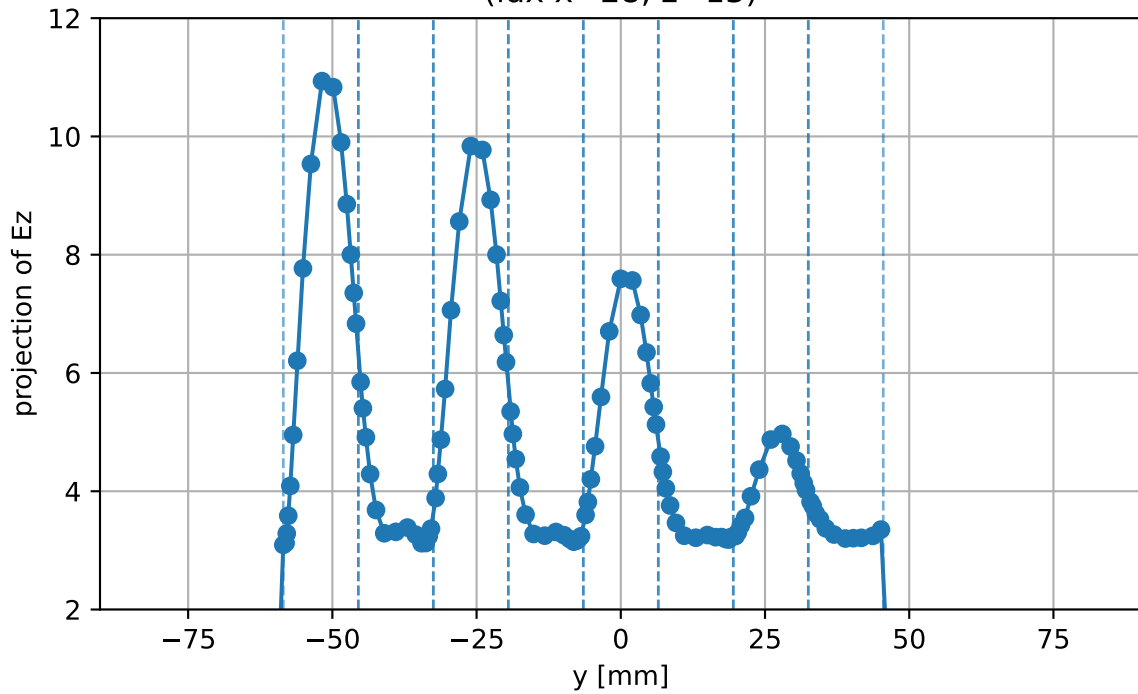
## Smith Chart

- S11 (Patch W=18.50 mm, L=13.00 mm, len180=12.90 mm)
- 5.80 GHz, S11=0.074-0.189j, R=53.70-21.18j, Gnorm=0.81+0.32j
- 5.77 GHz, S11=0.112+0.009j, R2=62.56+1.20j, G2norm=0.80-0.02j

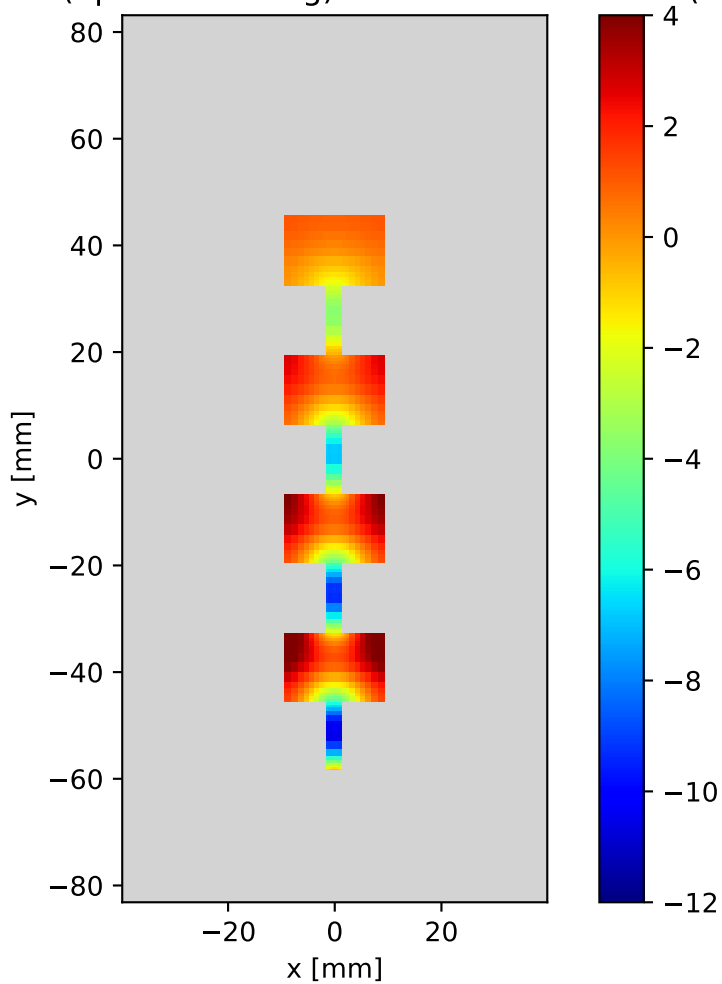




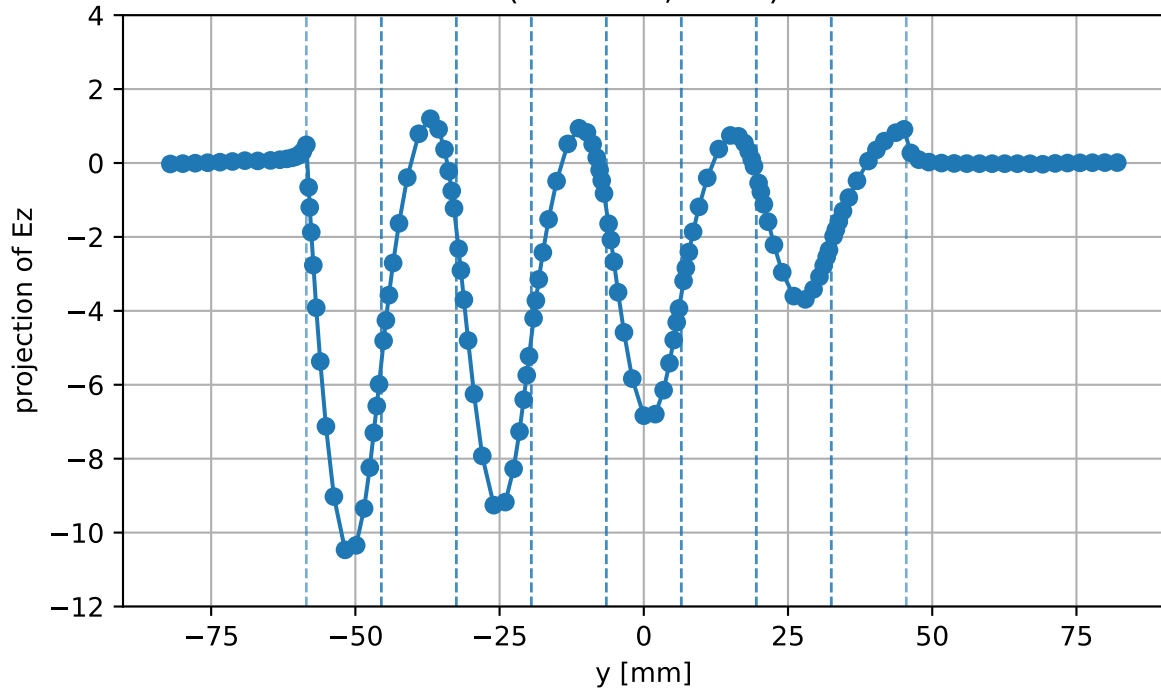
$|E_z|$  line cut along Y at  $x=0.00$  mm,  $z=0.76$  mm  
(idx x=28, z=13)



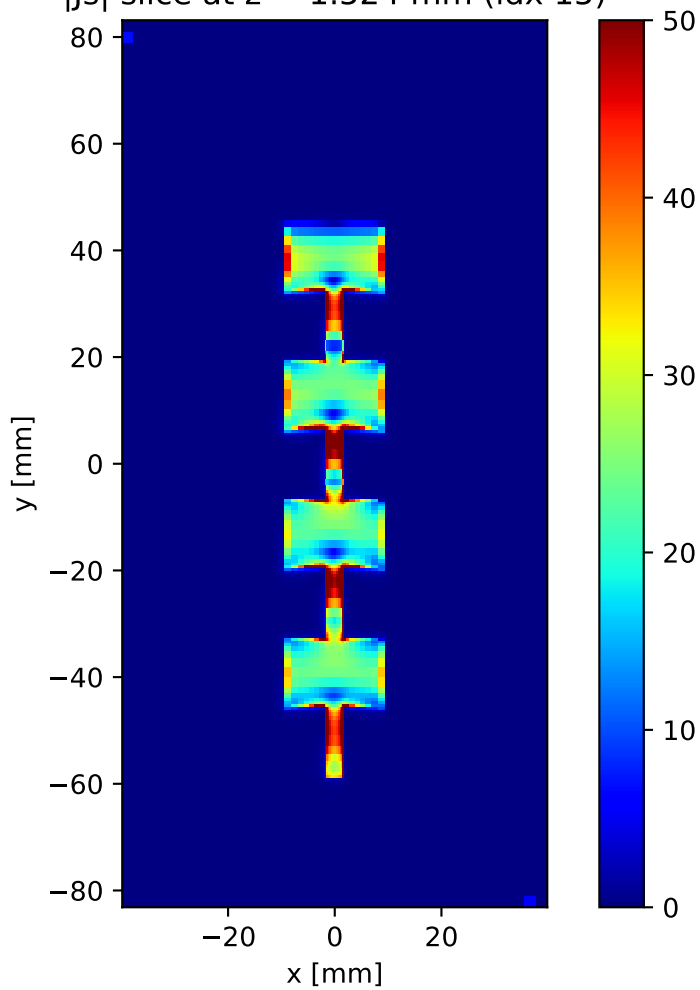
Ez snapshot (dphi=90.08deg) slice at z = 0.76 mm (idx 13)



Ez snapshot (dphi=90.08deg) line cut along Y at x=0.00 mm, z=0.76 mm  
(idx x=28, z=13)

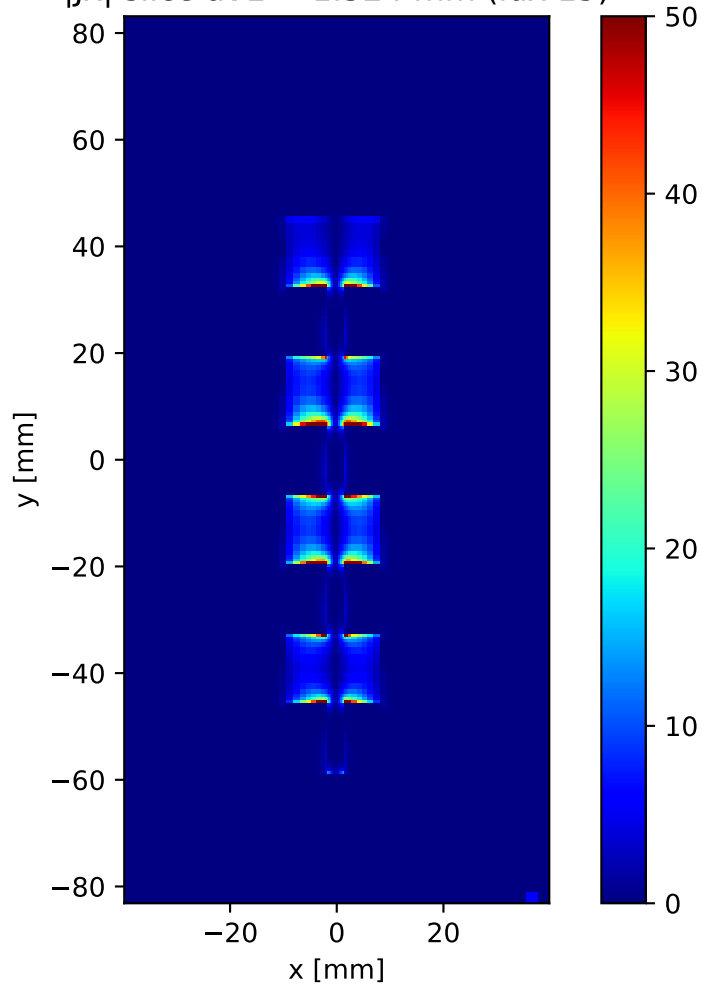


$|J_s|$  slice at  $z = 1.524$  mm (idx 15)

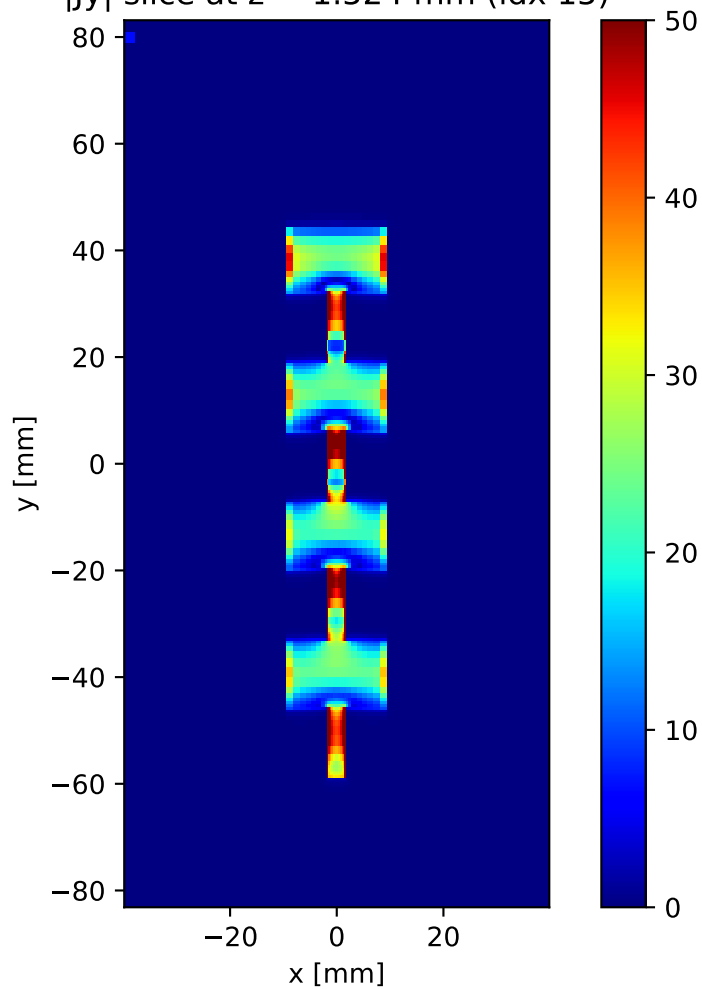




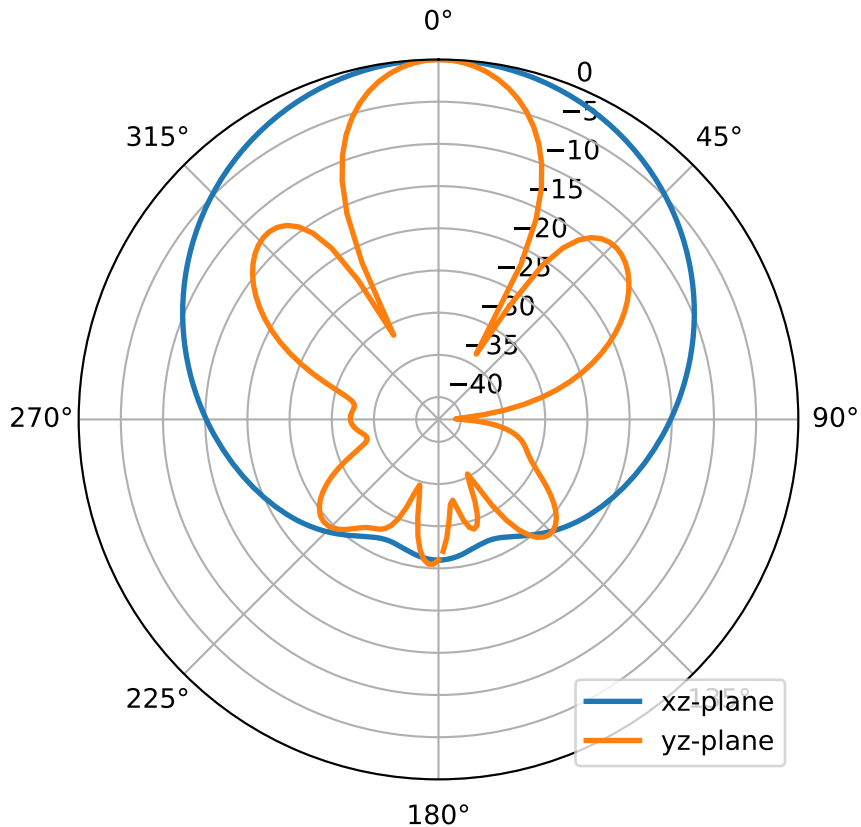
$|j_x|$  slice at  $z = 1.524$  mm (idx 15)



$|J_y|$  slice at  $z = 1.524$  mm (idx 15)



Frequency: 5.800 GHz — Directivity (dB). Dmax: 19.135dB



Frequency: 5.800 GHz

