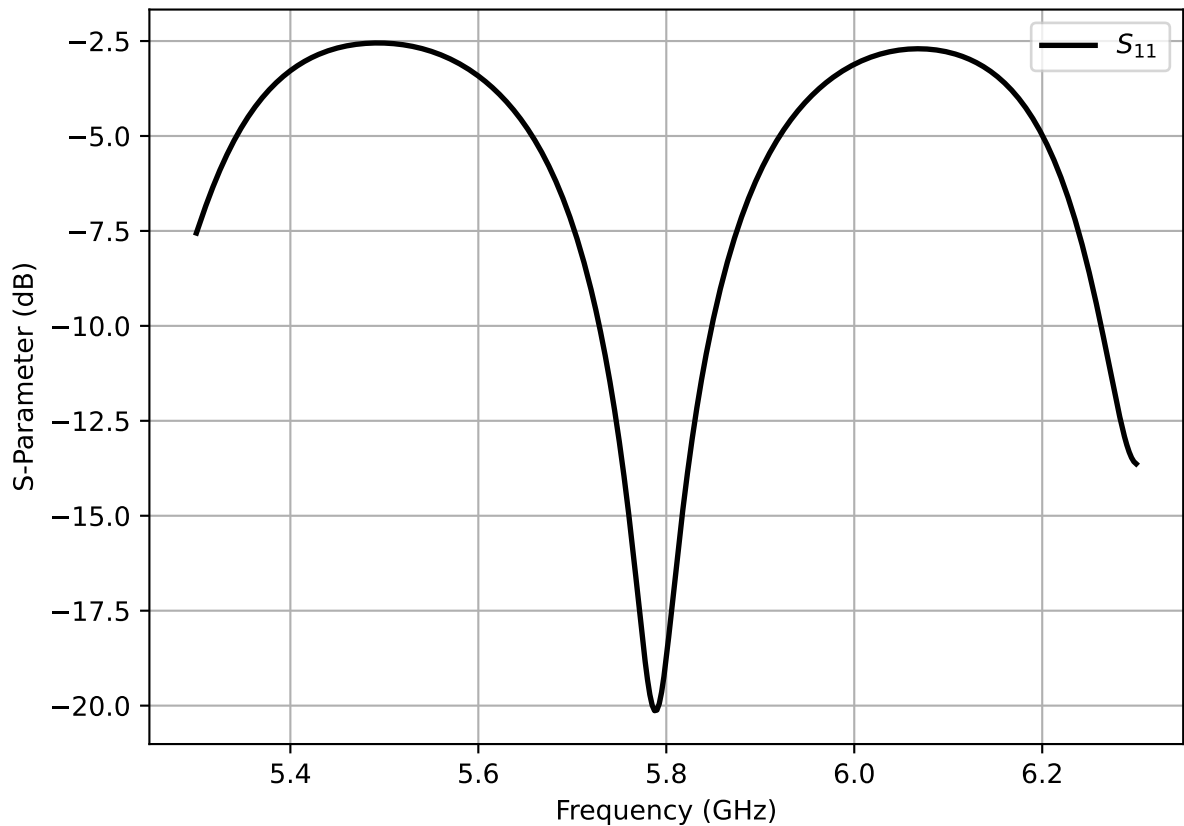
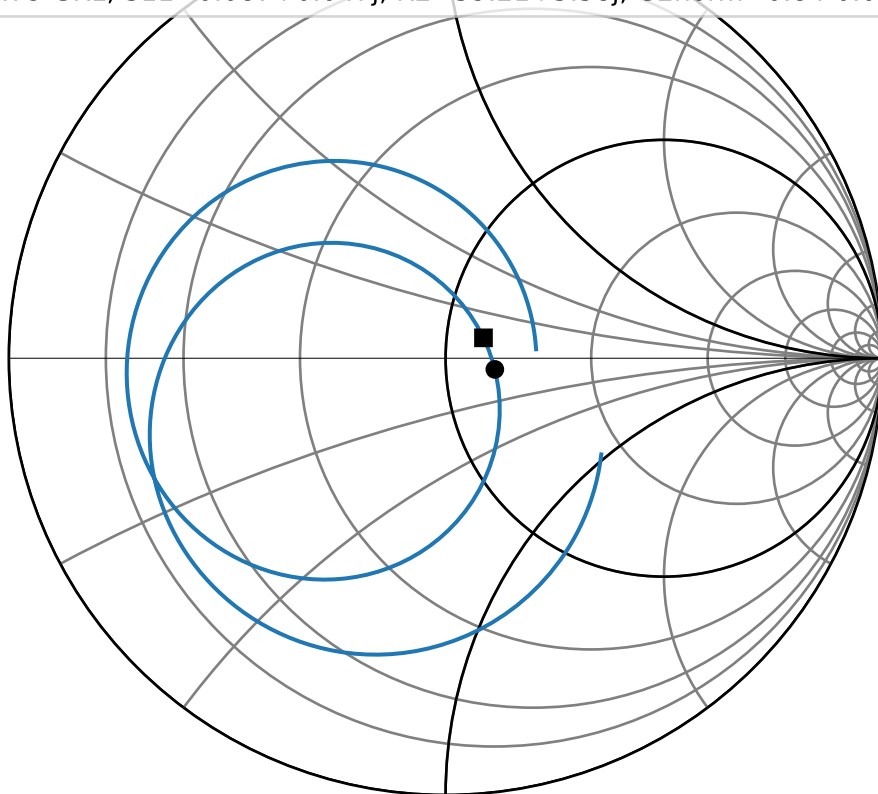


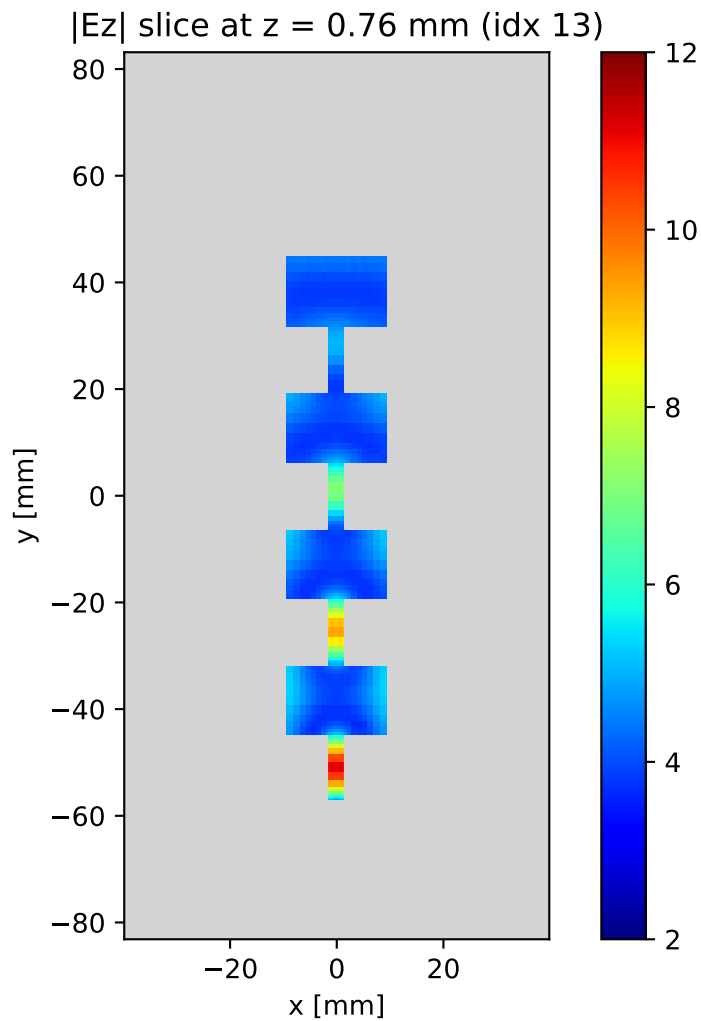
Reflection Coefficient  $S_{11}$



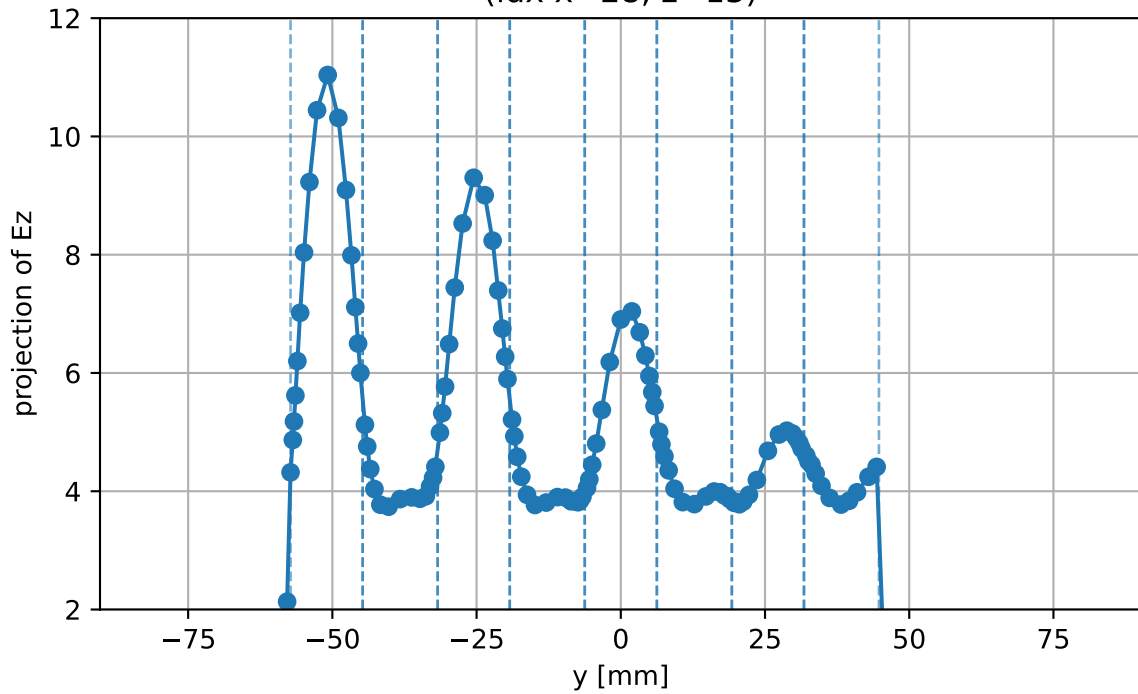
# Smith Chart

- S11 (Patch W=18.50 mm, L=13.00 mm, len180=12.90 mm)
- 5.80 GHz, S11=0.113-0.026j, R=62.61-3.24j, Gnorm=0.80+0.04j
- 5.79 GHz, S11=0.087+0.047j, R2=59.21+5.58j, G2norm=0.84-0.08j

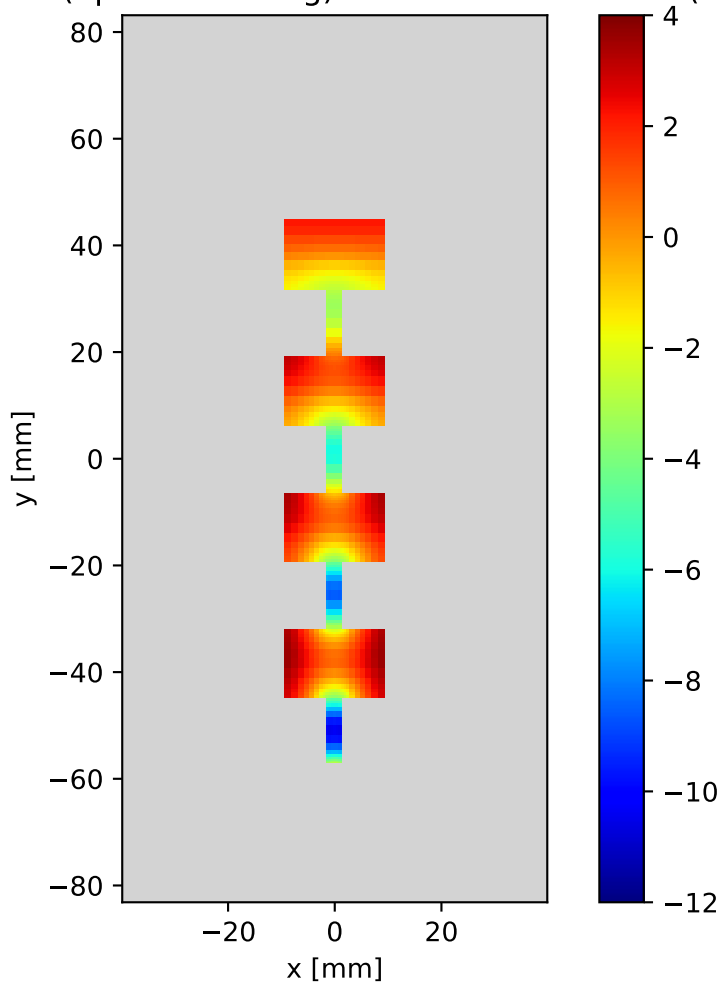




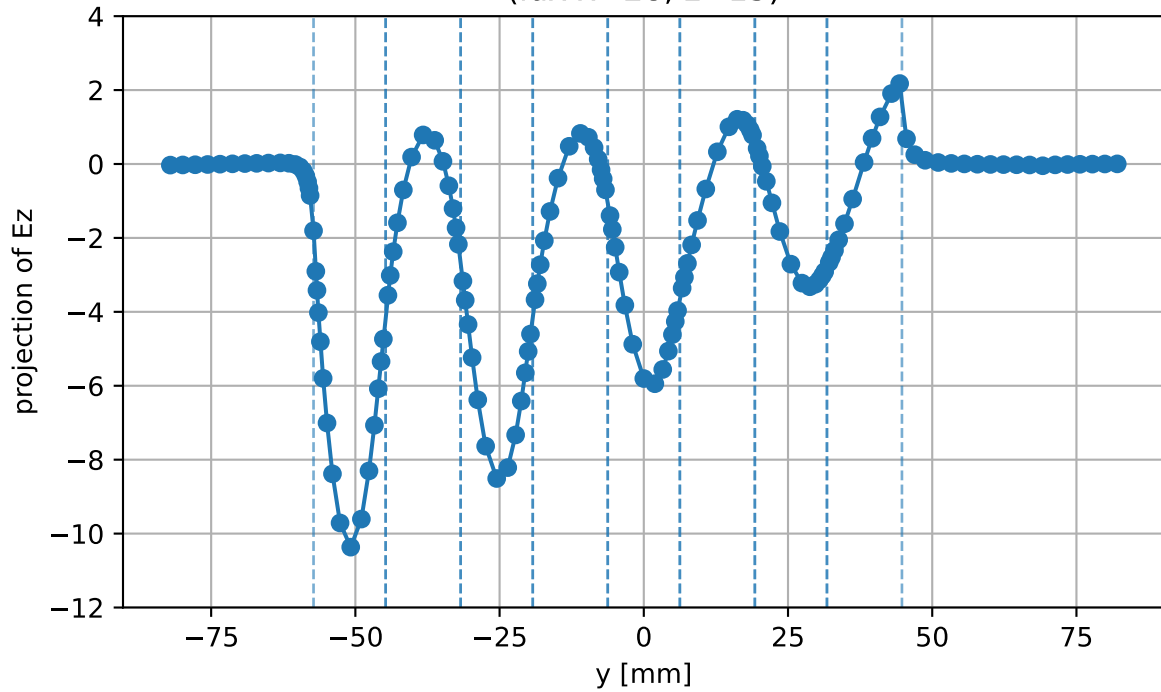
$|E_z|$  line cut along Y at  $x=0.00$  mm,  $z=0.76$  mm  
(idx x=28, z=13)



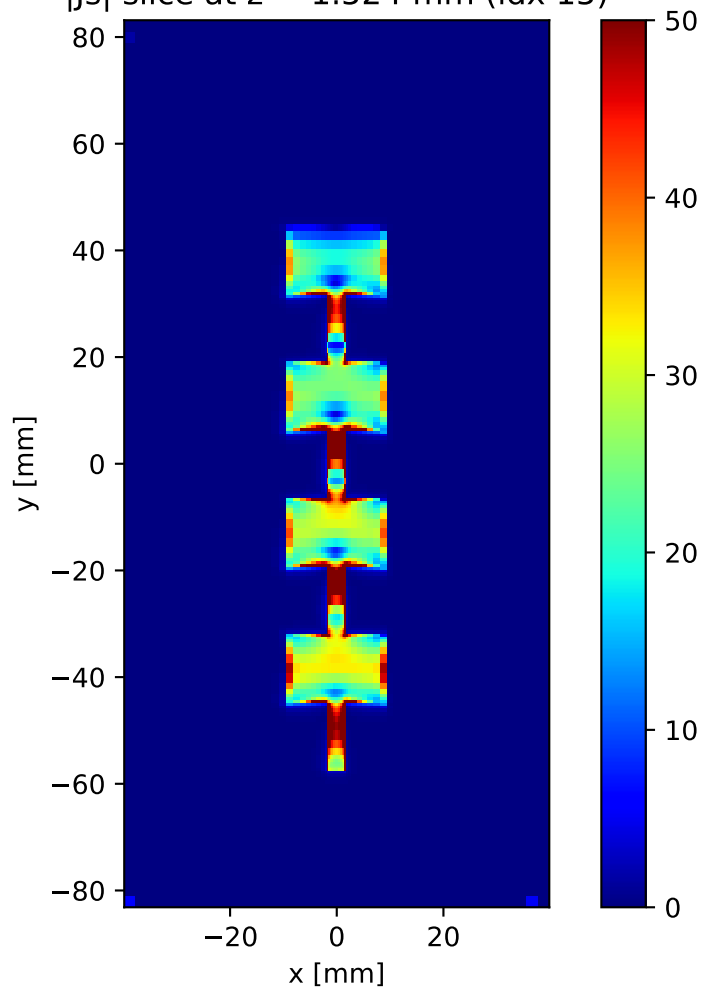
Ez snapshot (dphi=90.18deg) slice at z = 0.76 mm (idx 13)



Ez snapshot (dphi=90.18deg) line cut along Y at x=0.00 mm, z=0.76 mm  
(idx x=28, z=13)

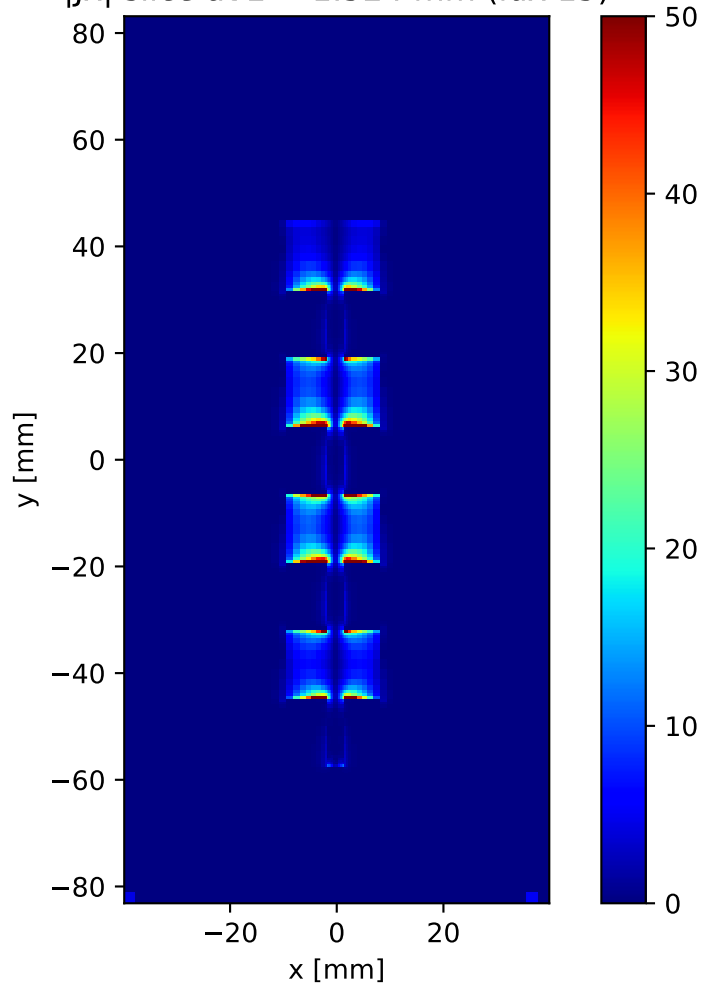


$|J_s|$  slice at  $z = 1.524$  mm (idx 15)

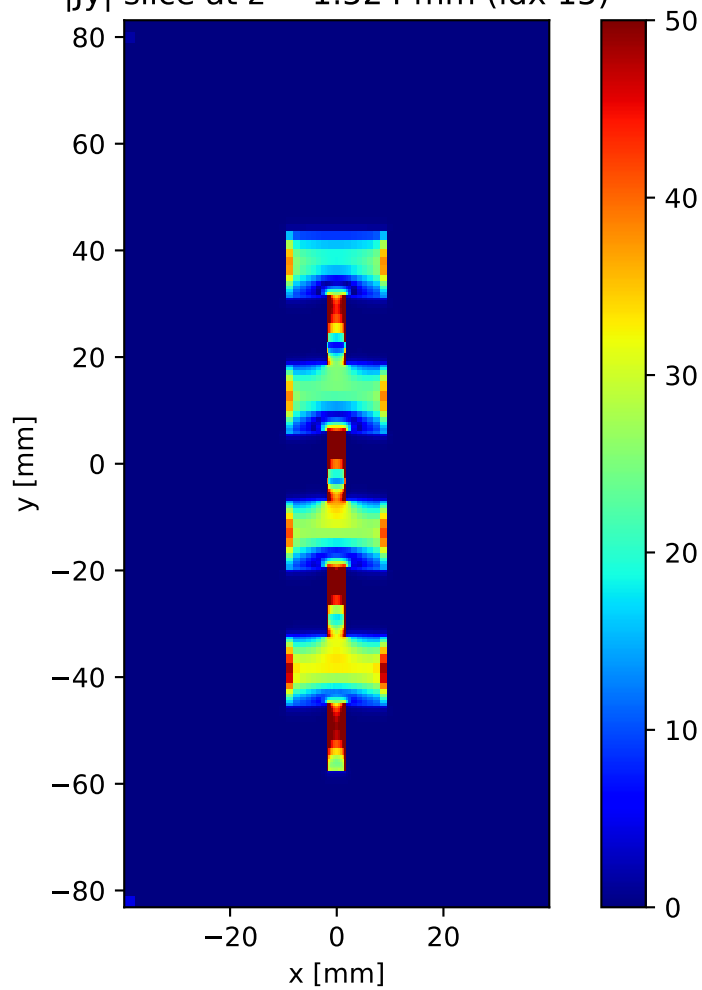




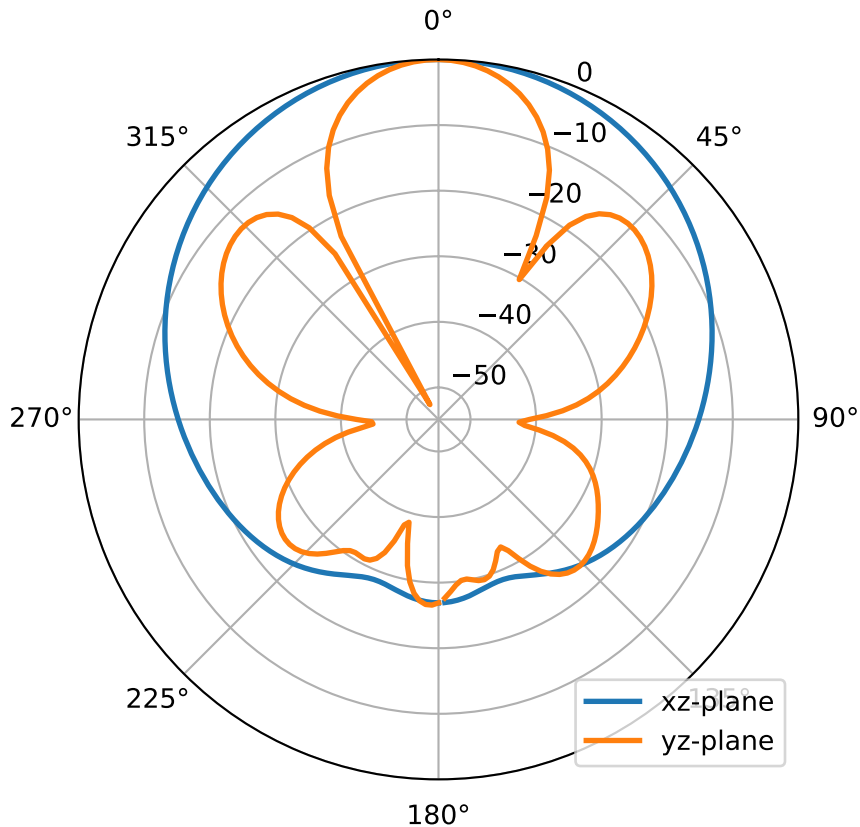
$|j_x|$  slice at  $z = 1.524$  mm (idx 15)



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



Frequency: 5.800 GHz — Directivity (dB). Dmax: 18.654dB



Frequency: 5.800 GHz

