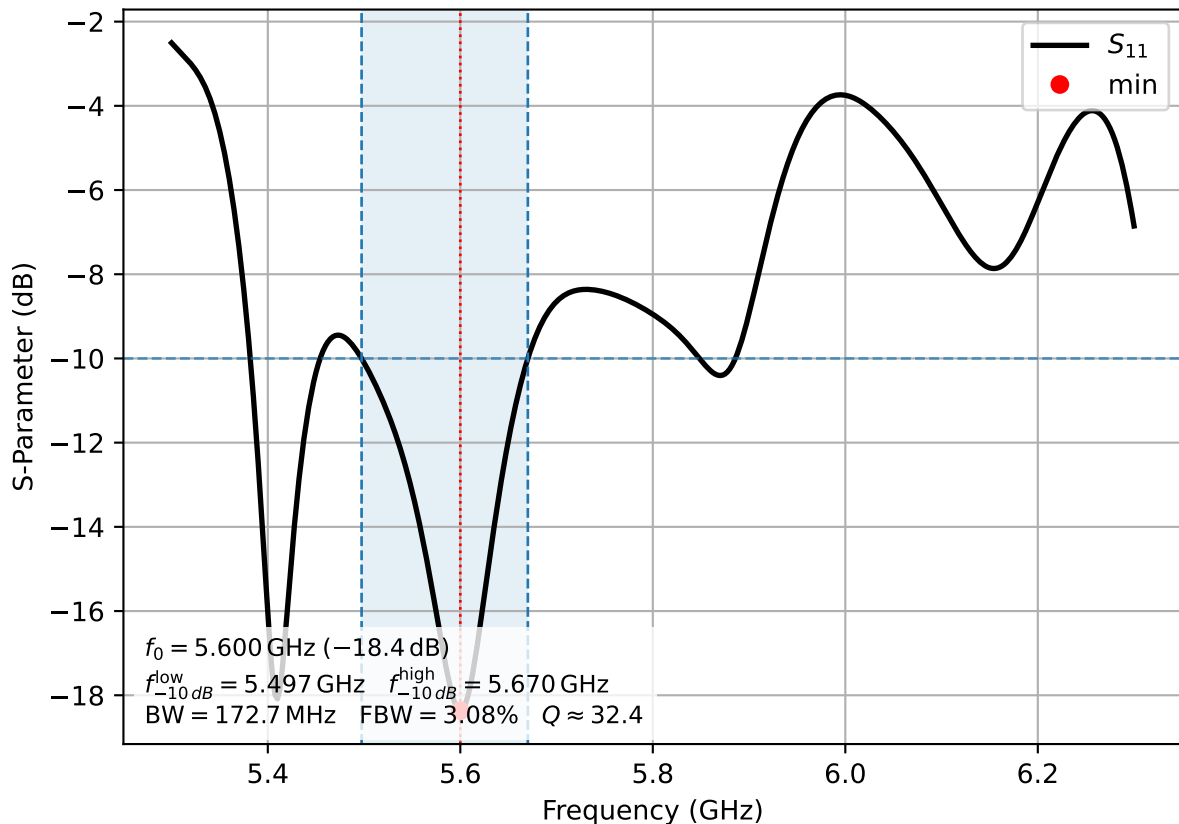
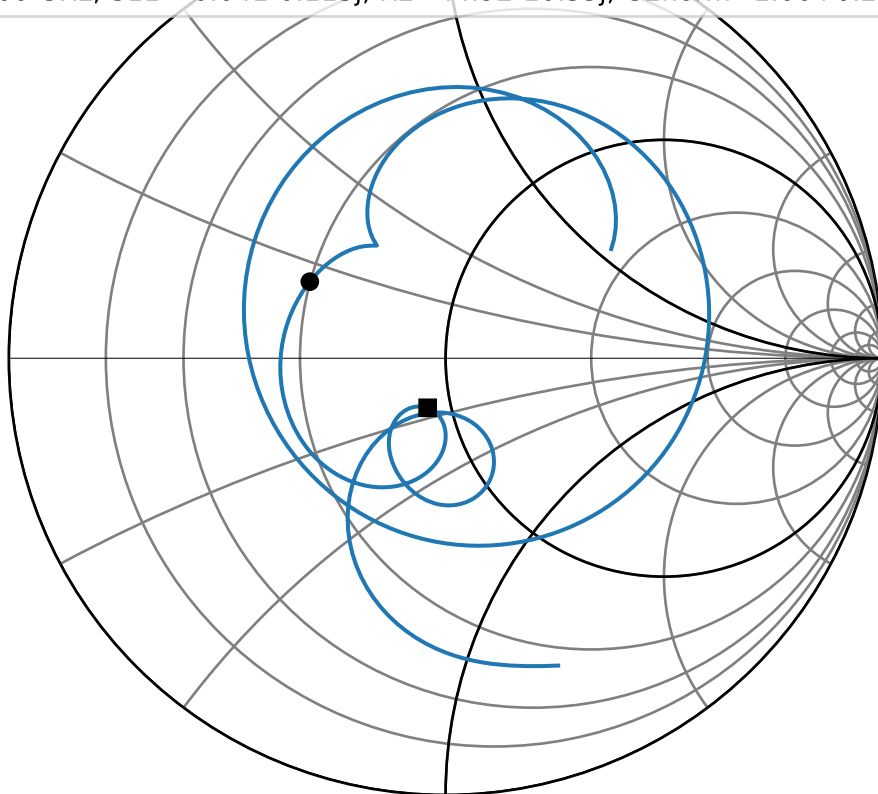


# Reflection Coefficient $S_{11}$

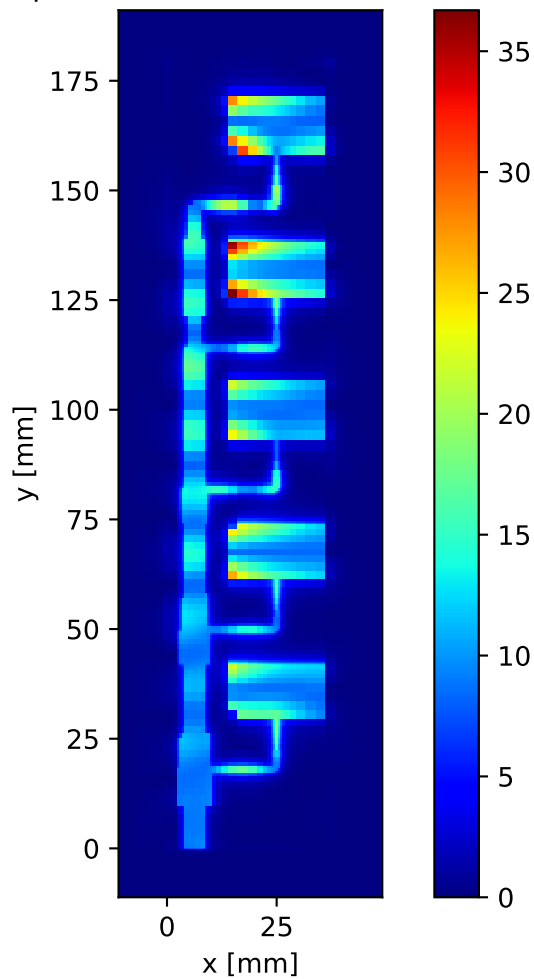


# Smith Chart

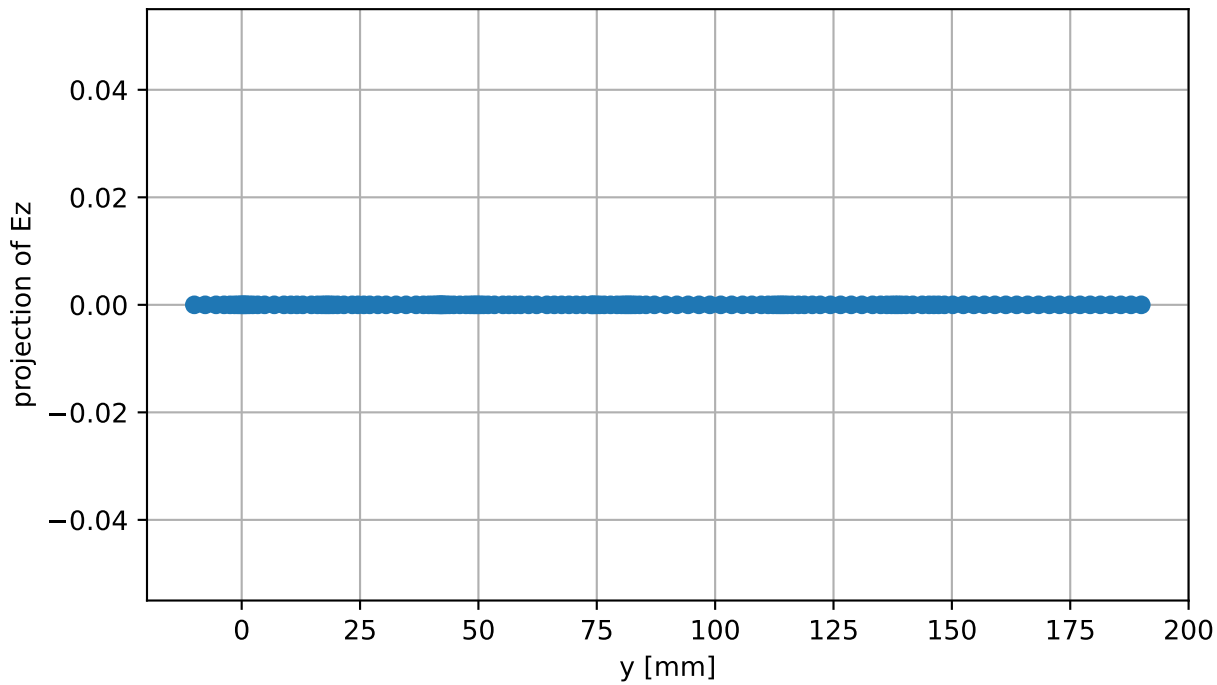
- S11 (Patch W=20.10 mm, L=12.70 mm)
- 5.80 GHz, S11=-0.311+0.175j, R=24.95+10.02j, Gnorm=1.73-0.69j
- 5.60 GHz, S11=-0.041-0.113j, R2=44.92-10.35j, G2norm=1.06+0.24j



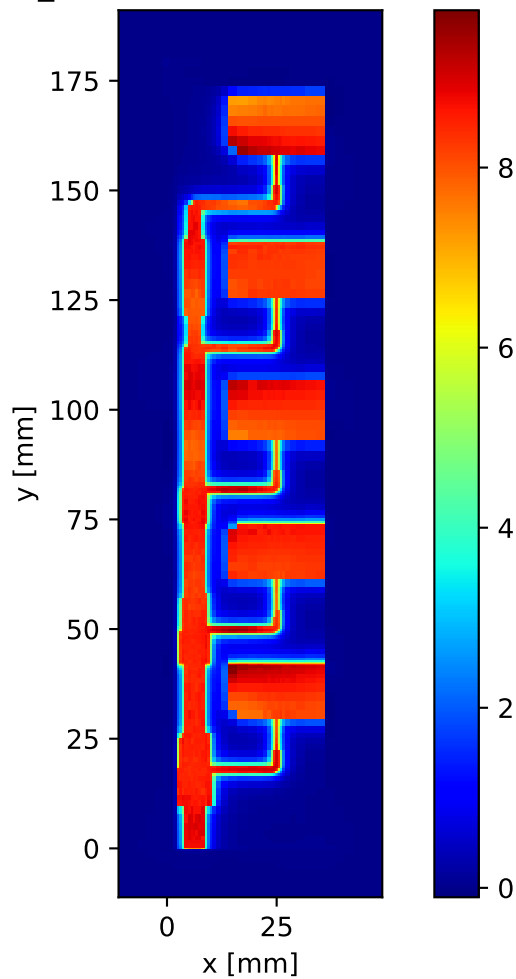
$|E_z|$  slice at  $z = 0.76$  mm (idx 10)



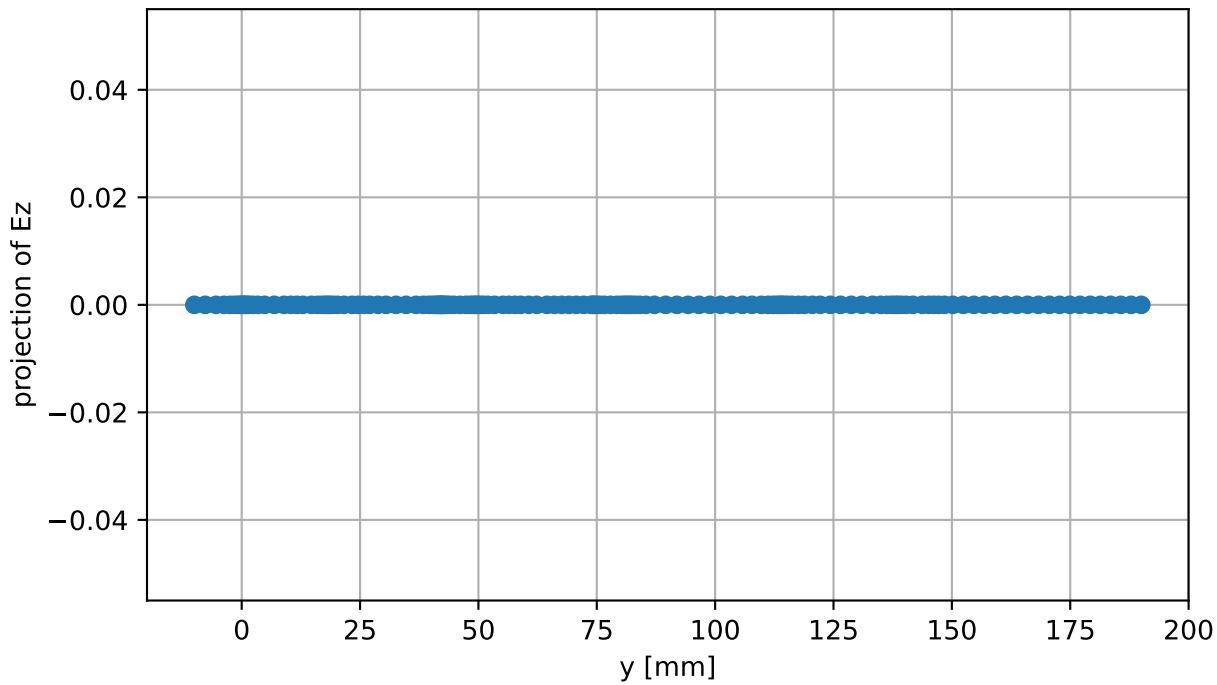
$|E_z|$  line cut along Y at  $x=48.00$  mm,  $z=0.76$  mm  
(idx x=48, z=10)



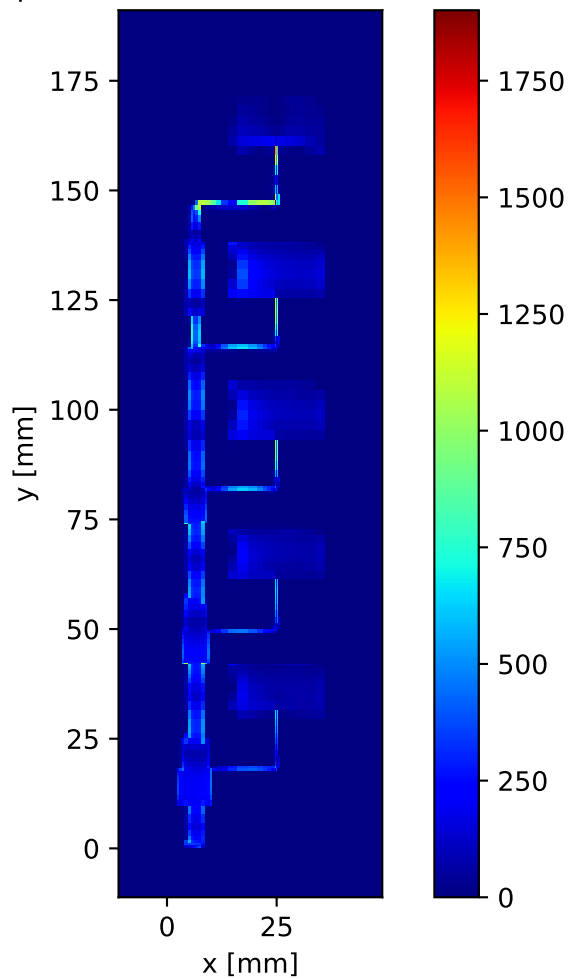
Real  $E_{fd}$  slice at  $z = 0.76$  mm (idx 10)



Real E\_fd line cut along Y at x=48.00 mm, z=0.76 mm  
(idx x=48, z=10)

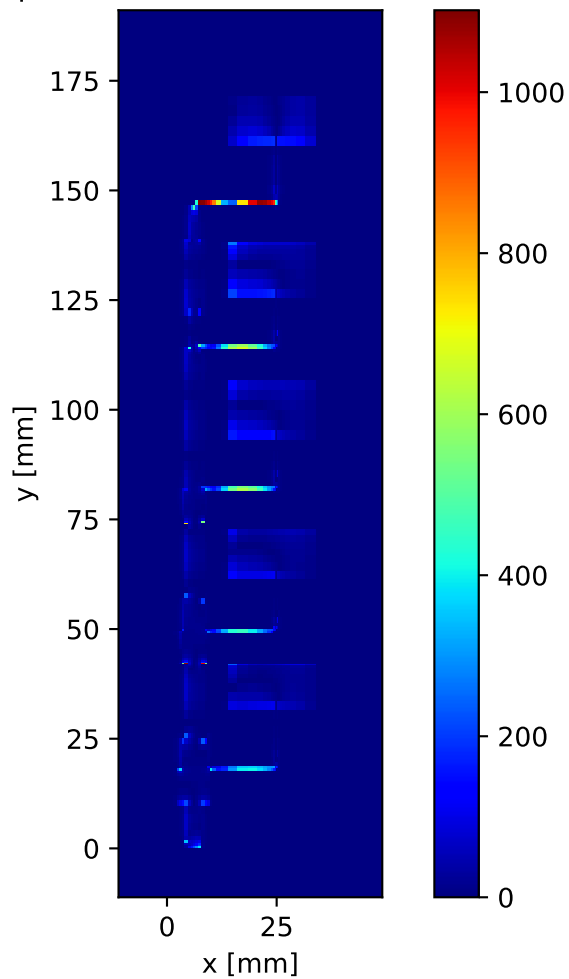


$|J_s|$  slice at  $z = 1.525$  mm (idx 12)

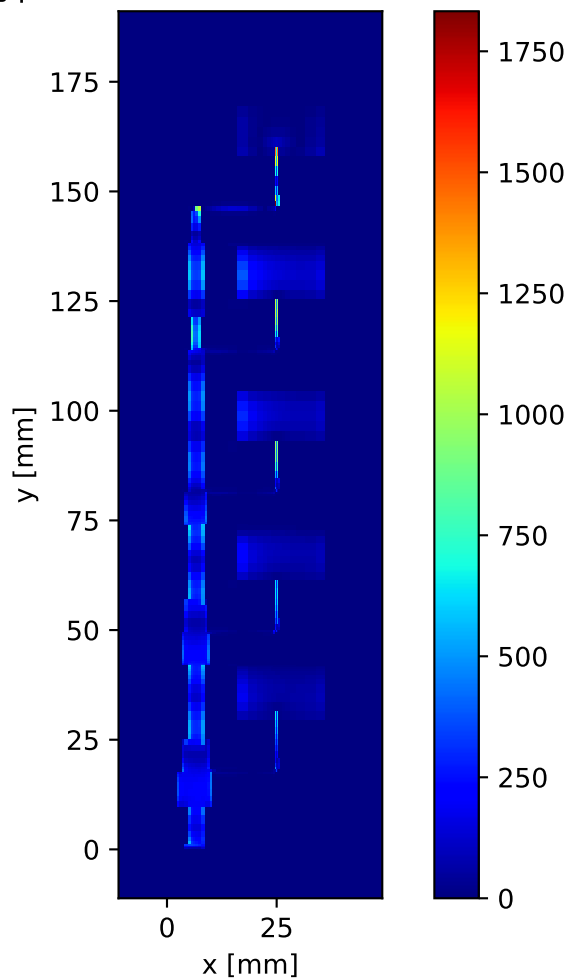




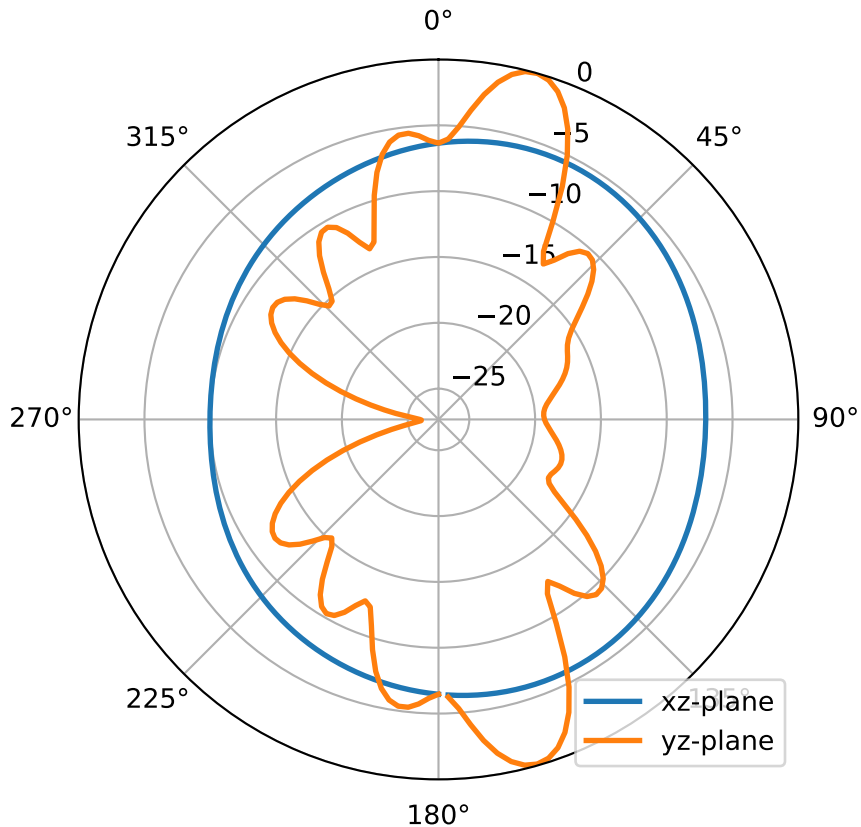
$|J_x|$  slice at  $z = 1.525$  mm (idx 12)



$|j_y|$  slice at  $z = 1.525$  mm (idx 12)



Frequency: 5.800 GHz — Directivity (dB). Dmax: 79.709dB



Frequency: 5.800 GHz

