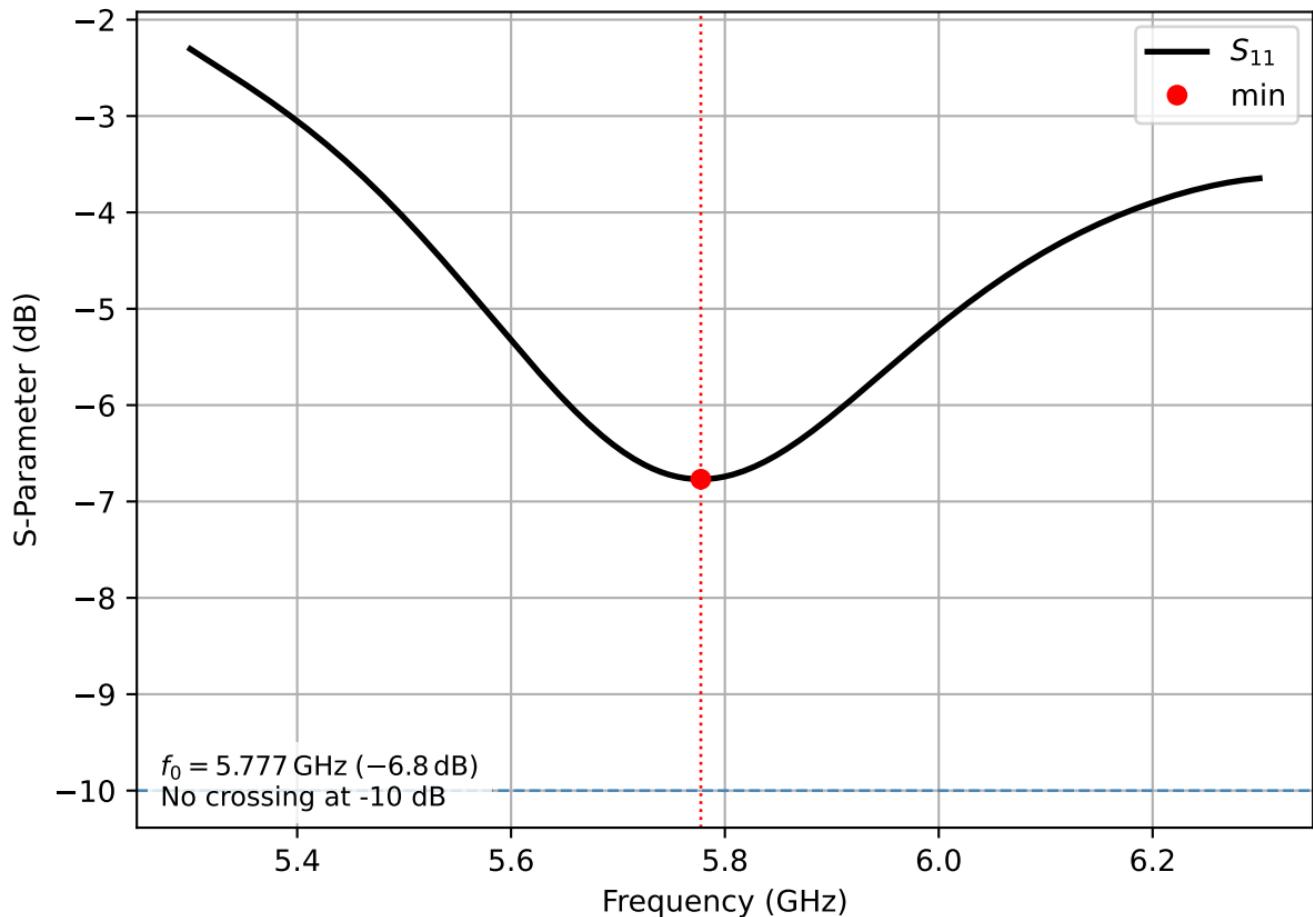
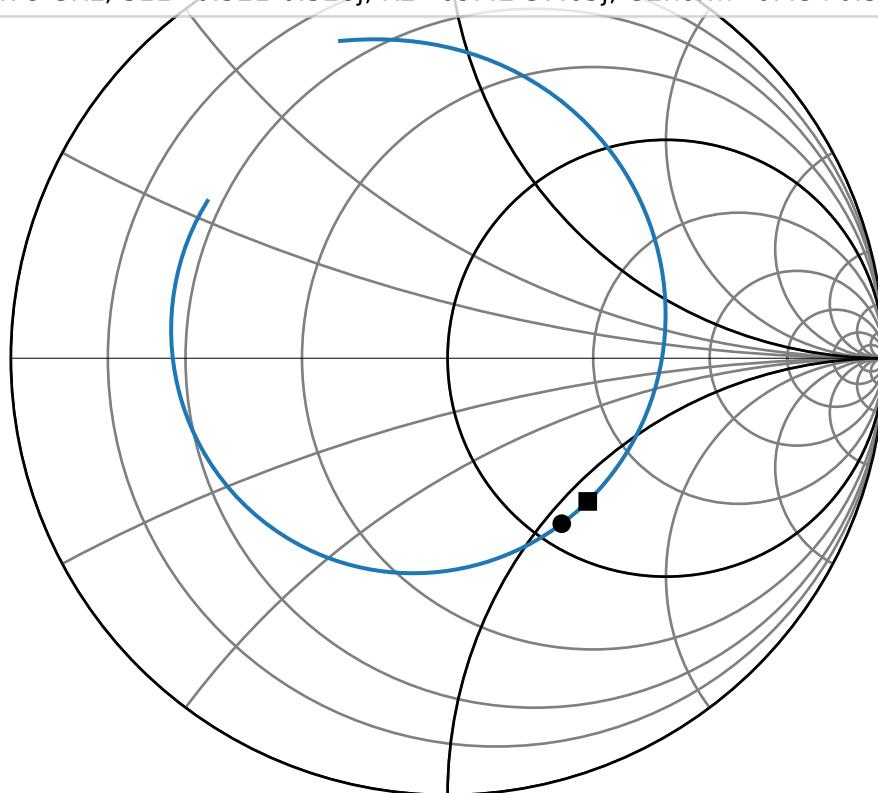


Reflection Coefficient S_{11}

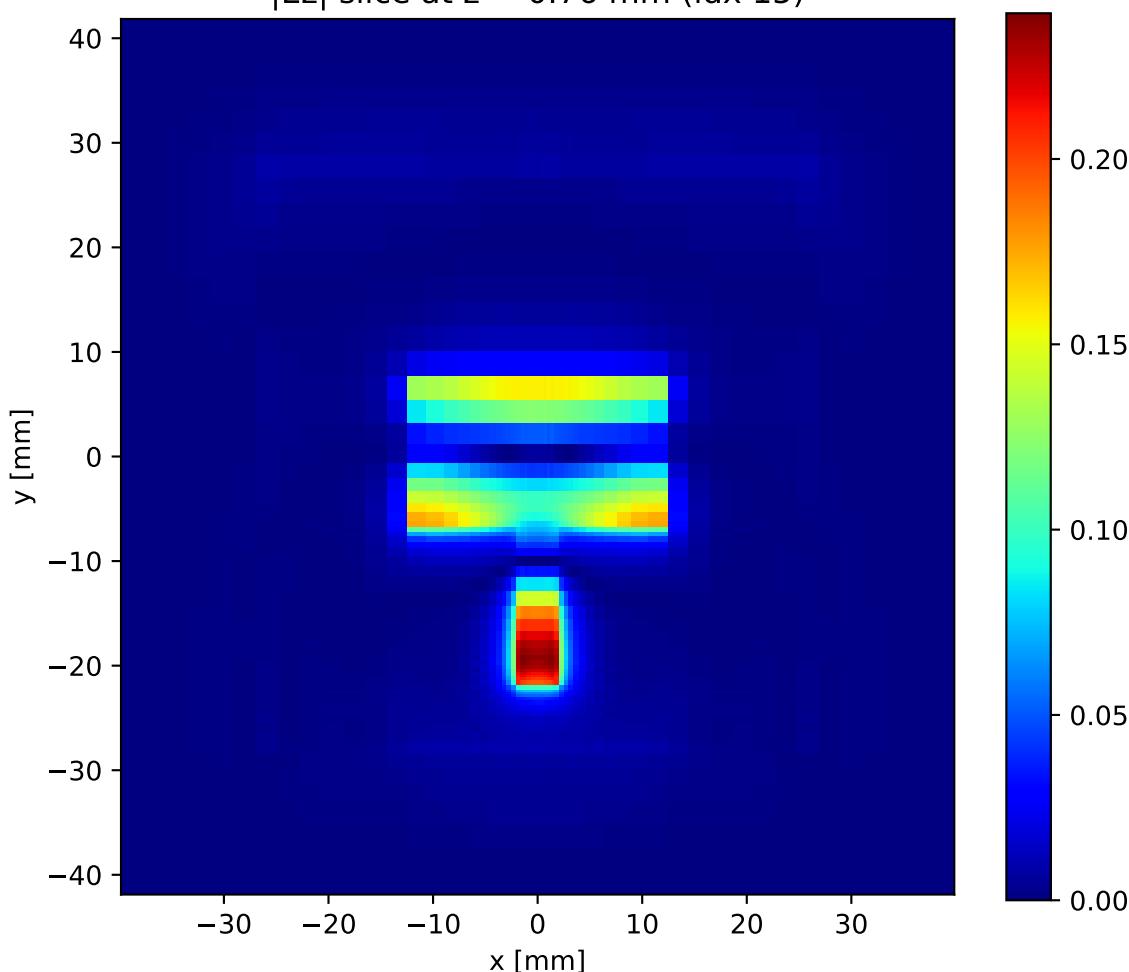


Smith Chart

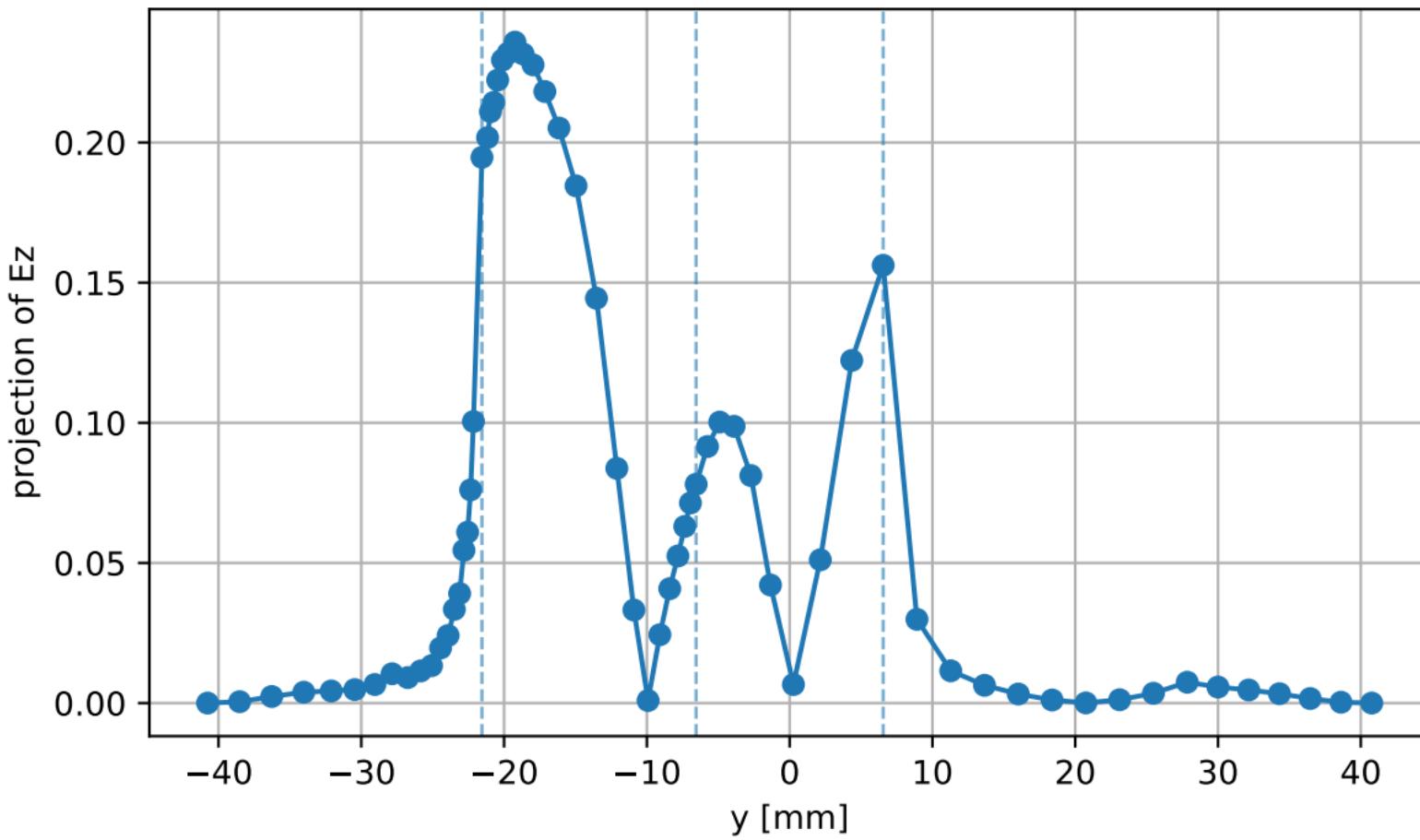
- S11 (Patch W=23.10 mm, L=13.10 mm)
- 5.80 GHz, S11=0.261-0.379j, R=57.19-54.97j, Gnorm=0.45+0.44j
- 5.78 GHz, S11=0.321-0.328j, R2=69.42-57.65j, G2norm=0.43+0.35j



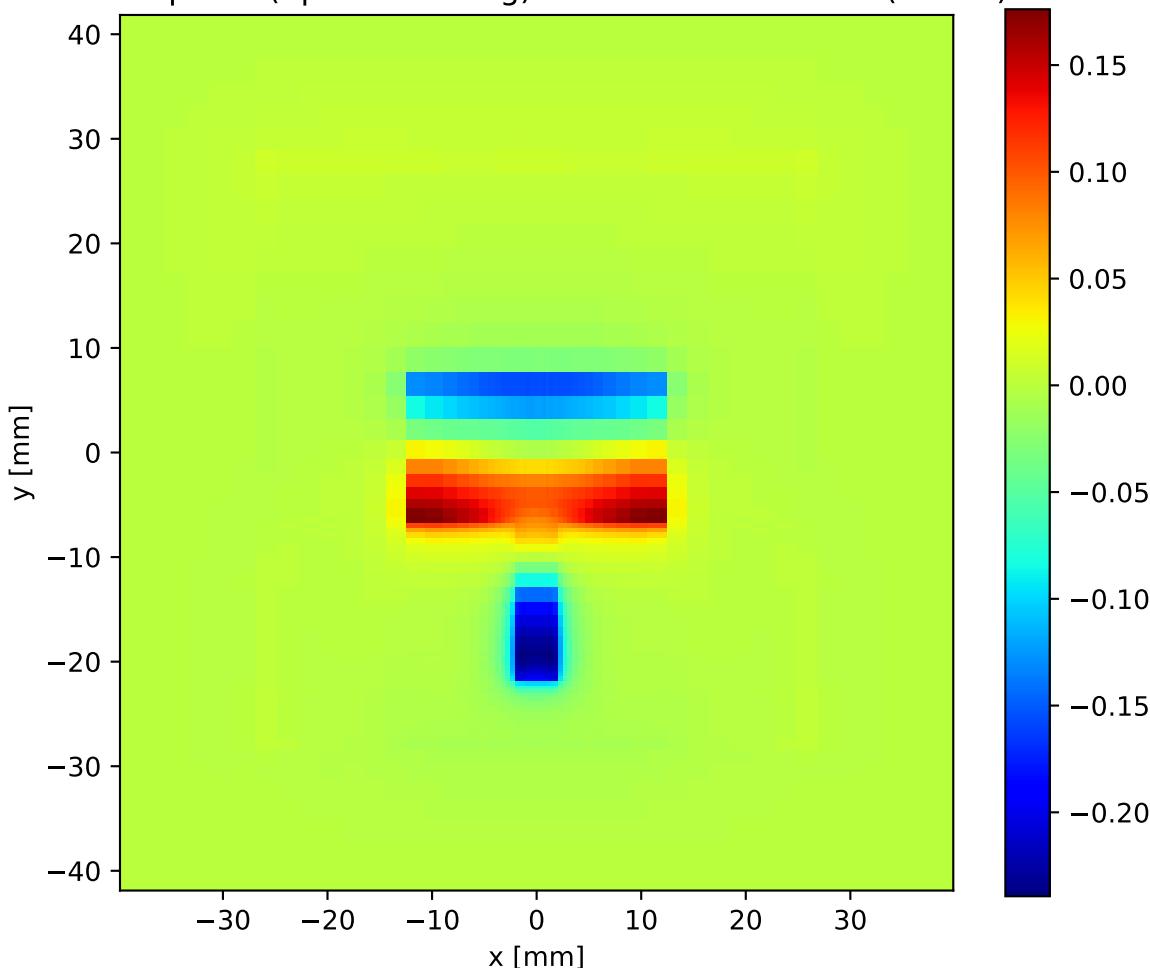
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



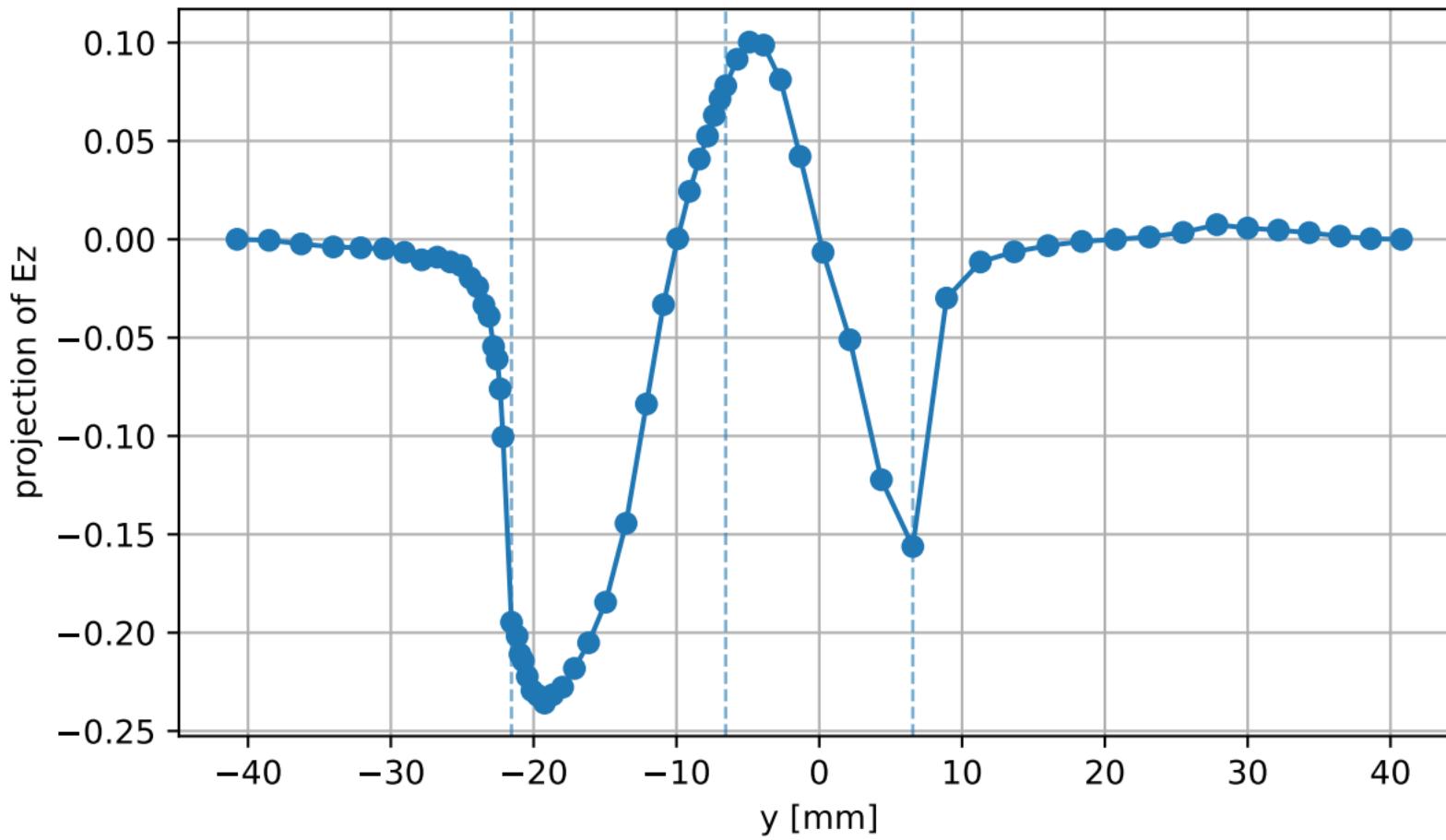
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=30$, $z=15$)



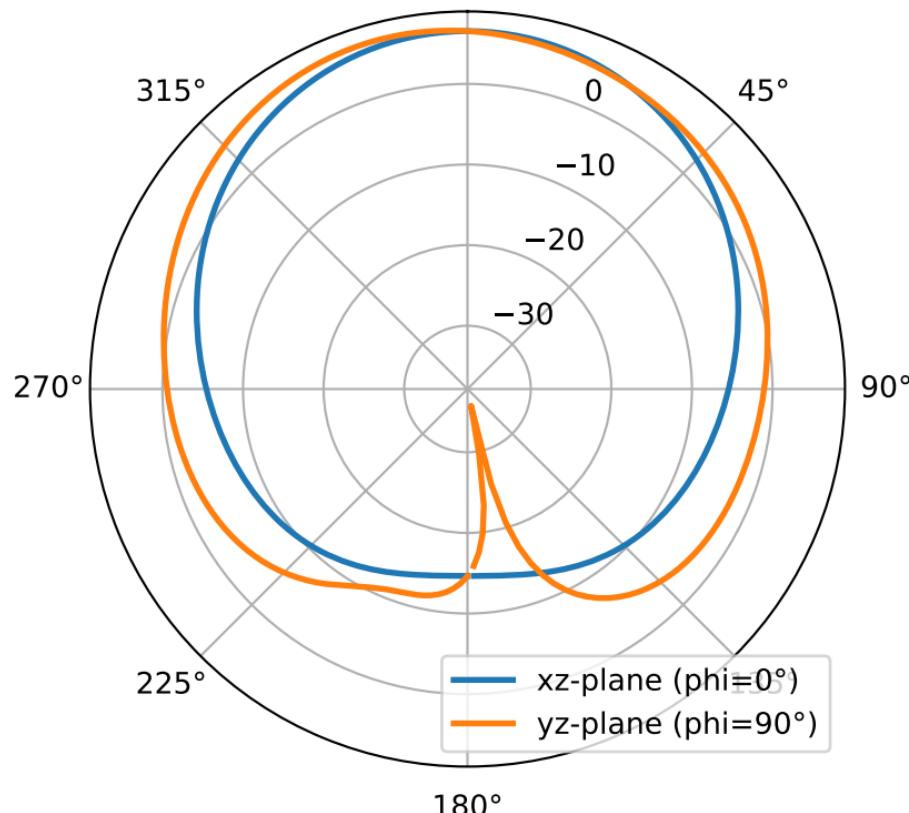
Ez snapshot ($d\phi = -0.32\text{deg}$) slice at $z = 0.76 \text{ mm}$ (idx 15)



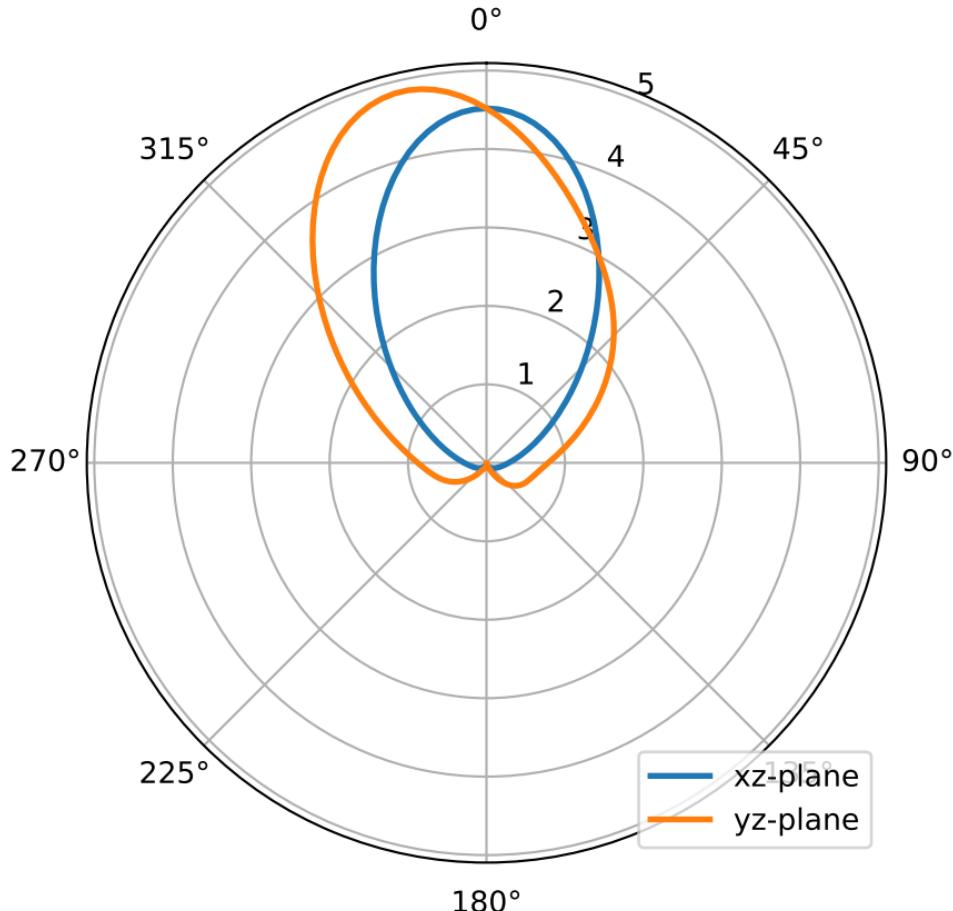
Ez snapshot (dphi=-0.32deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=30, z=15)



$f = 5.777 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 6.86 \text{ dB}$, nf2ff $D_{\max} = 6.86 \text{ dB}$



Frequency: 5.777 GHz — Directivity (linear). Dmax: 4.853



Frequency: 5.777 GHz
xz-plane: HPBW=75.5°
yz-plane: HPBW=94.8°

