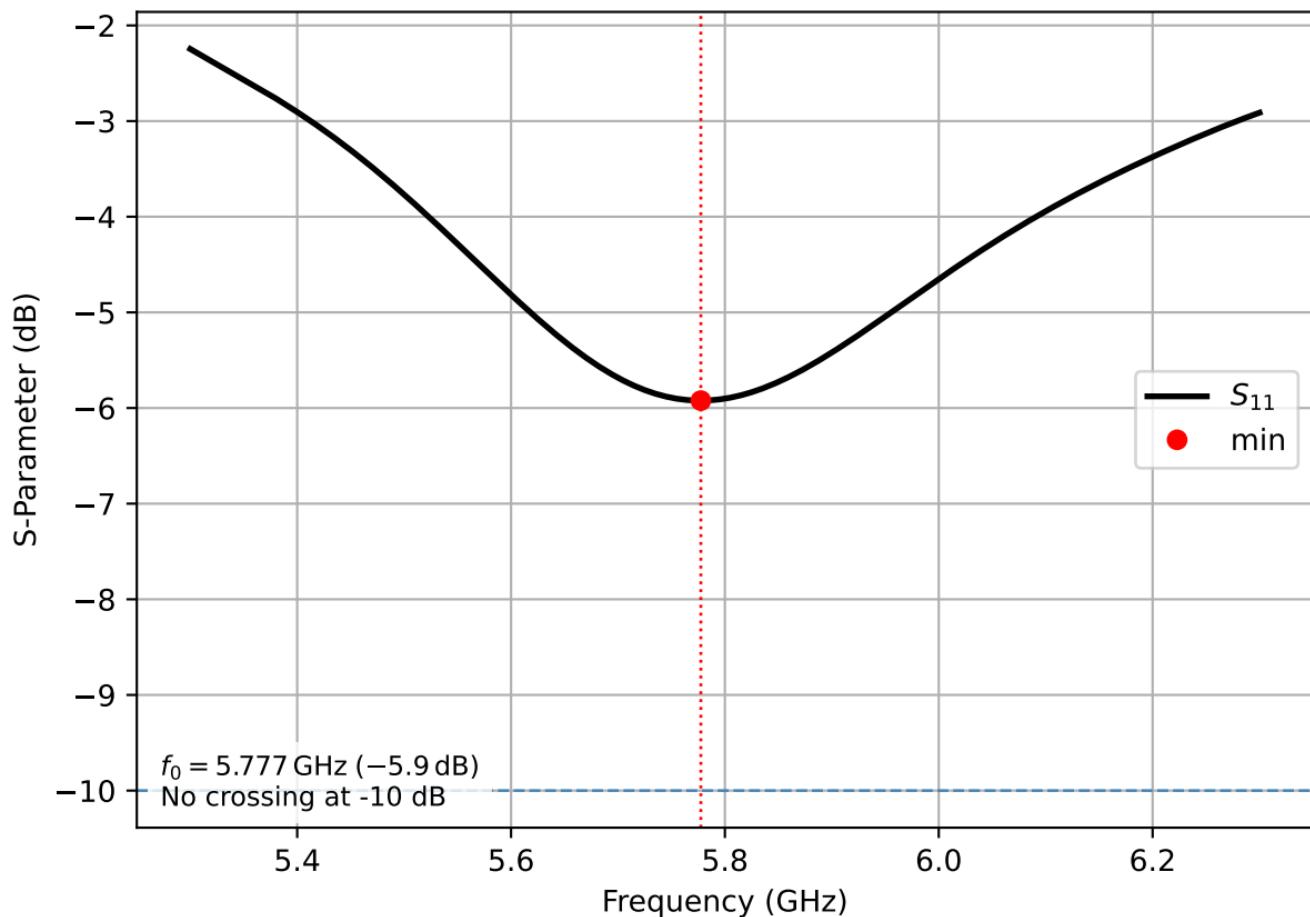
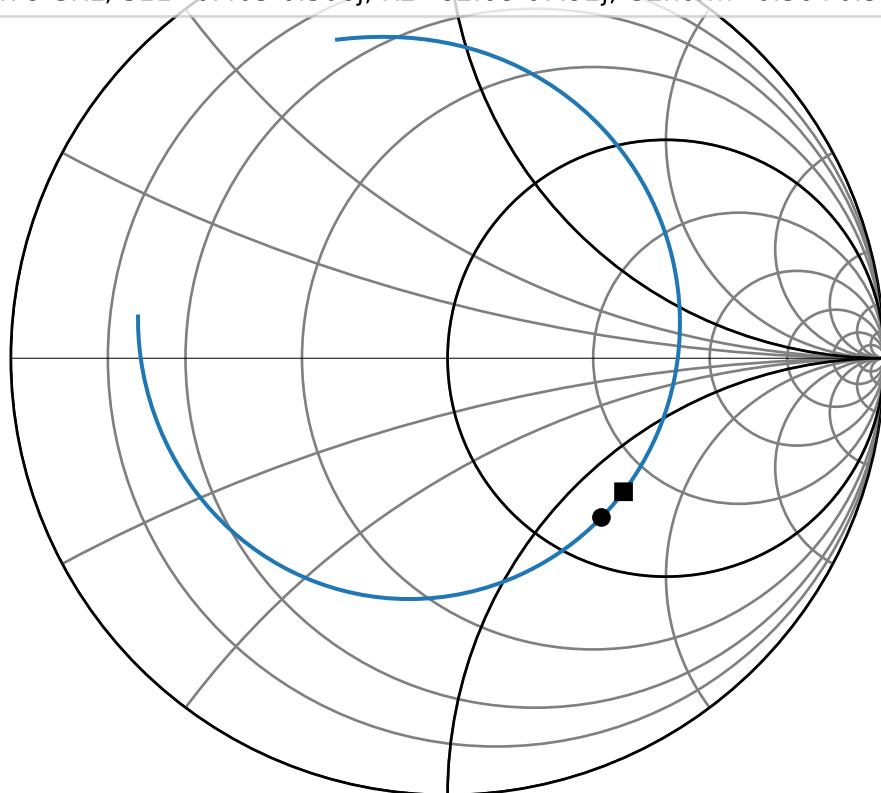


Reflection Coefficient S_{11}

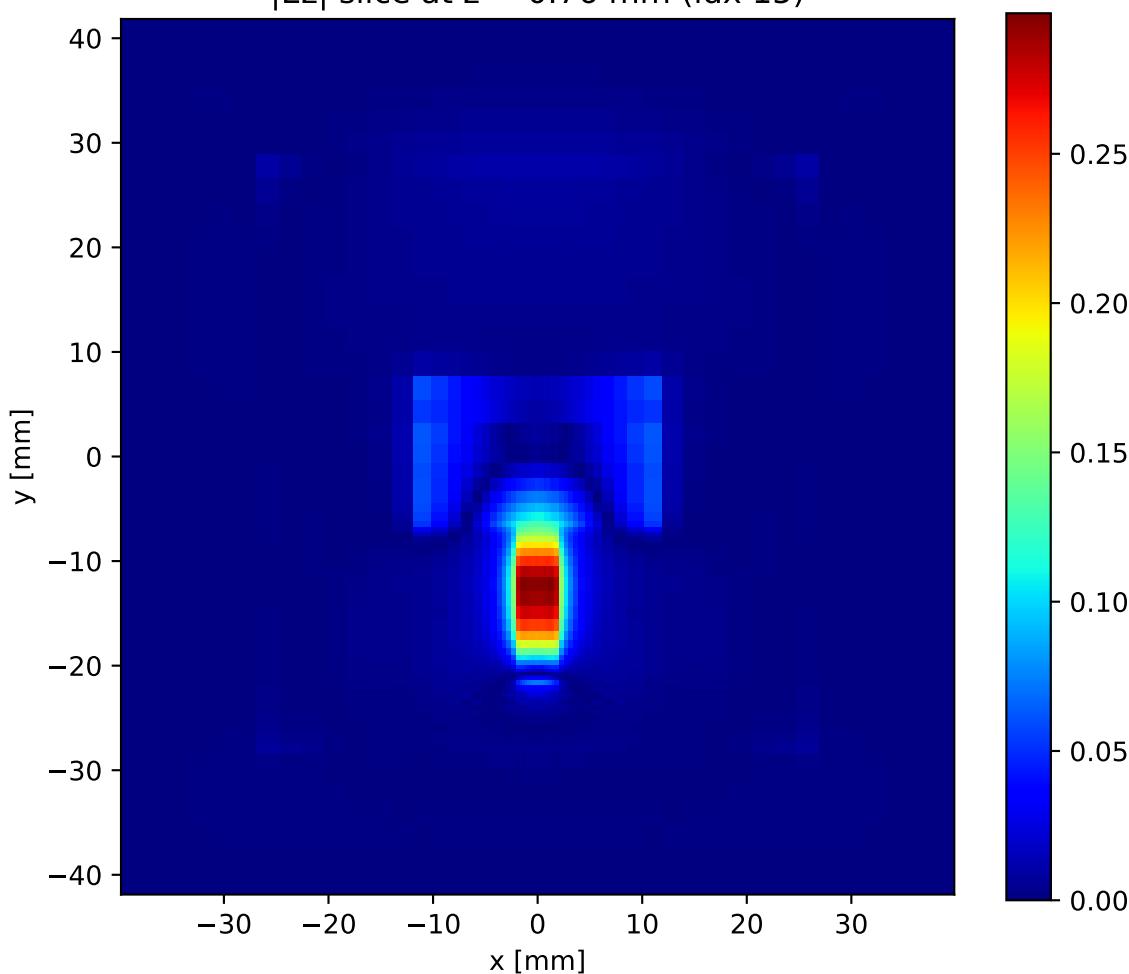


Smith Chart

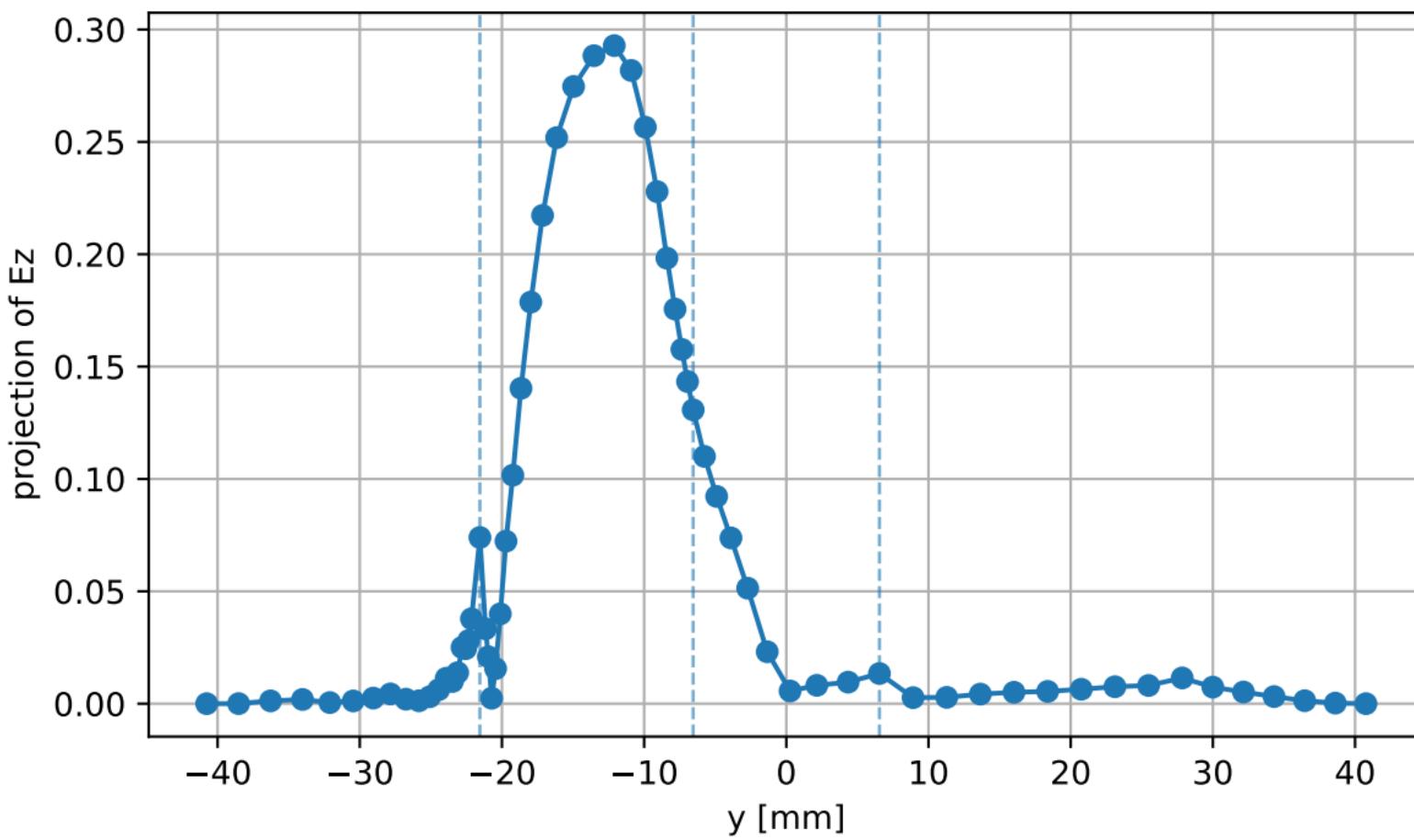
- S11 (Patch W=22.00 mm, L=13.10 mm)
- 5.80 GHz, $S_{11}=0.352-0.365j$, $R=67.25-65.98j$, $G_{norm}=0.38+0.37j$
- 5.78 GHz, $S_{11}=0.403-0.306j$, $R_2=82.68-67.92j$, $G_{2norm}=0.36+0.30j$



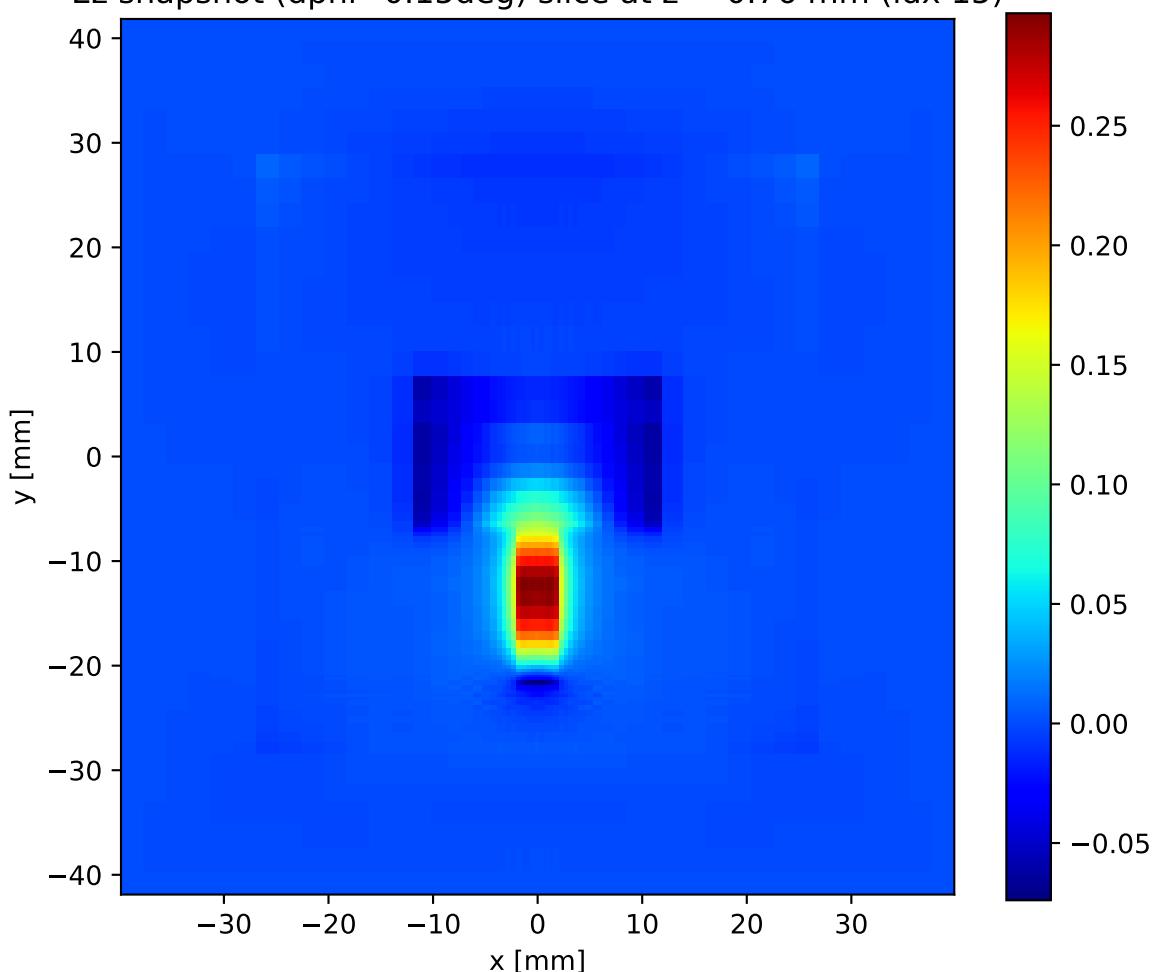
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



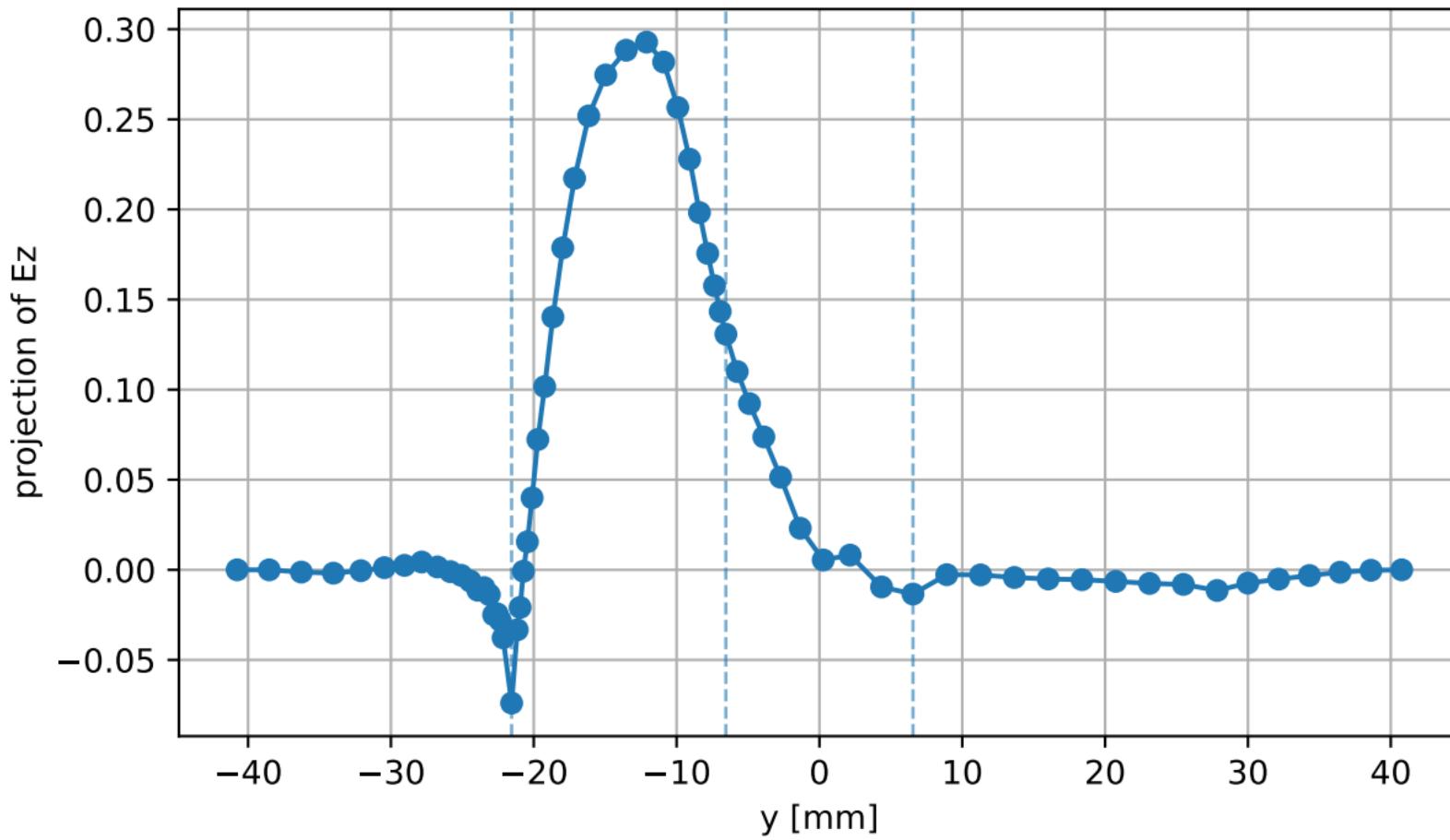
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=30$, $z=15$)



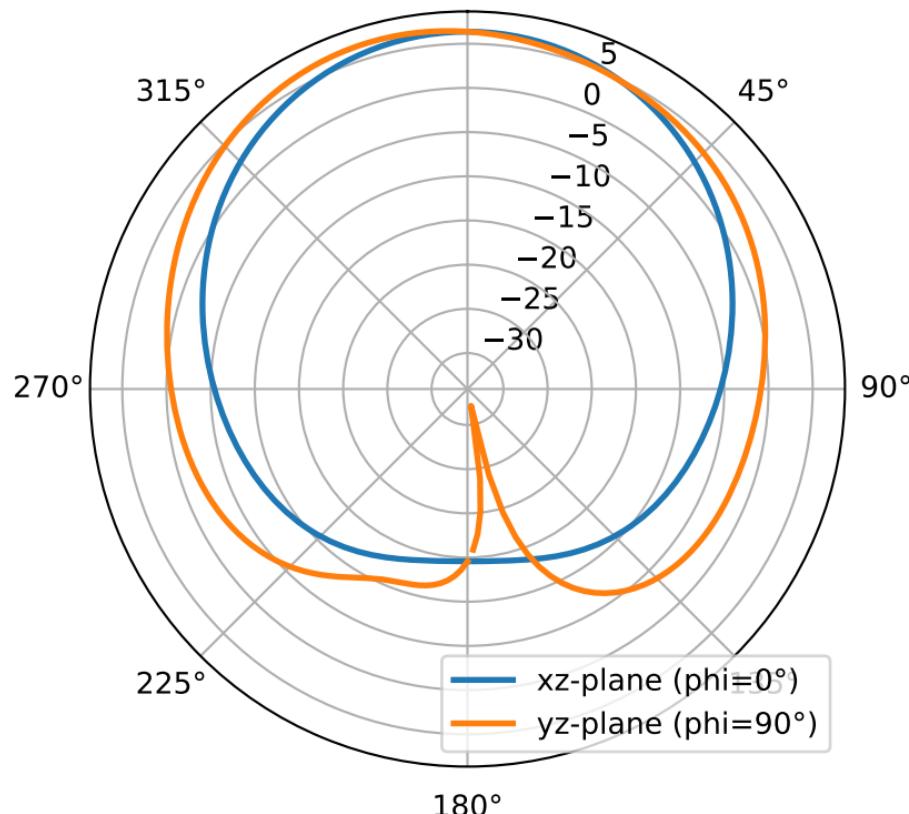
Ez snapshot (dphi=0.15deg) slice at z = 0.76 mm (idx 15)



Ez snapshot (dphi=0.15deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=30, z=15)

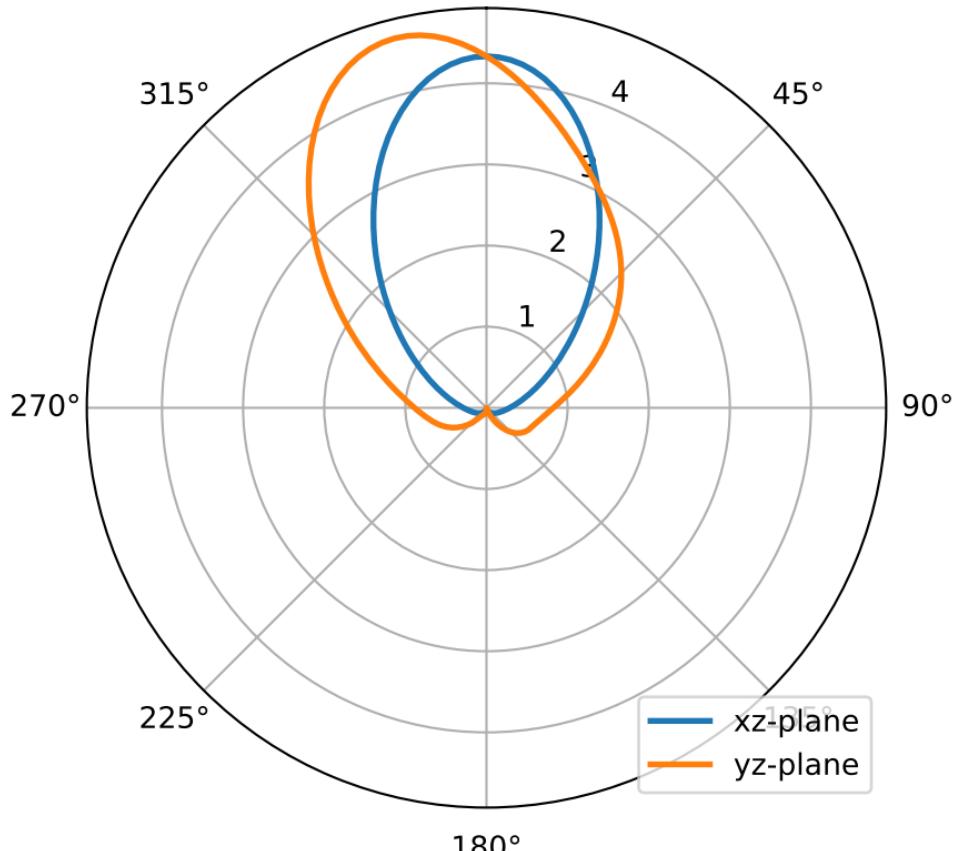


$f = 5.777 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 6.71 \text{ dB}$, nf2ff $D_{\max} = 6.71 \text{ dB}$



Frequency: 5.777 GHz — Directivity (linear). Dmax: 4.692

0°



Frequency: 5.777 GHz
xz-plane: HPBW=76.0°
yz-plane: HPBW=99.9°

