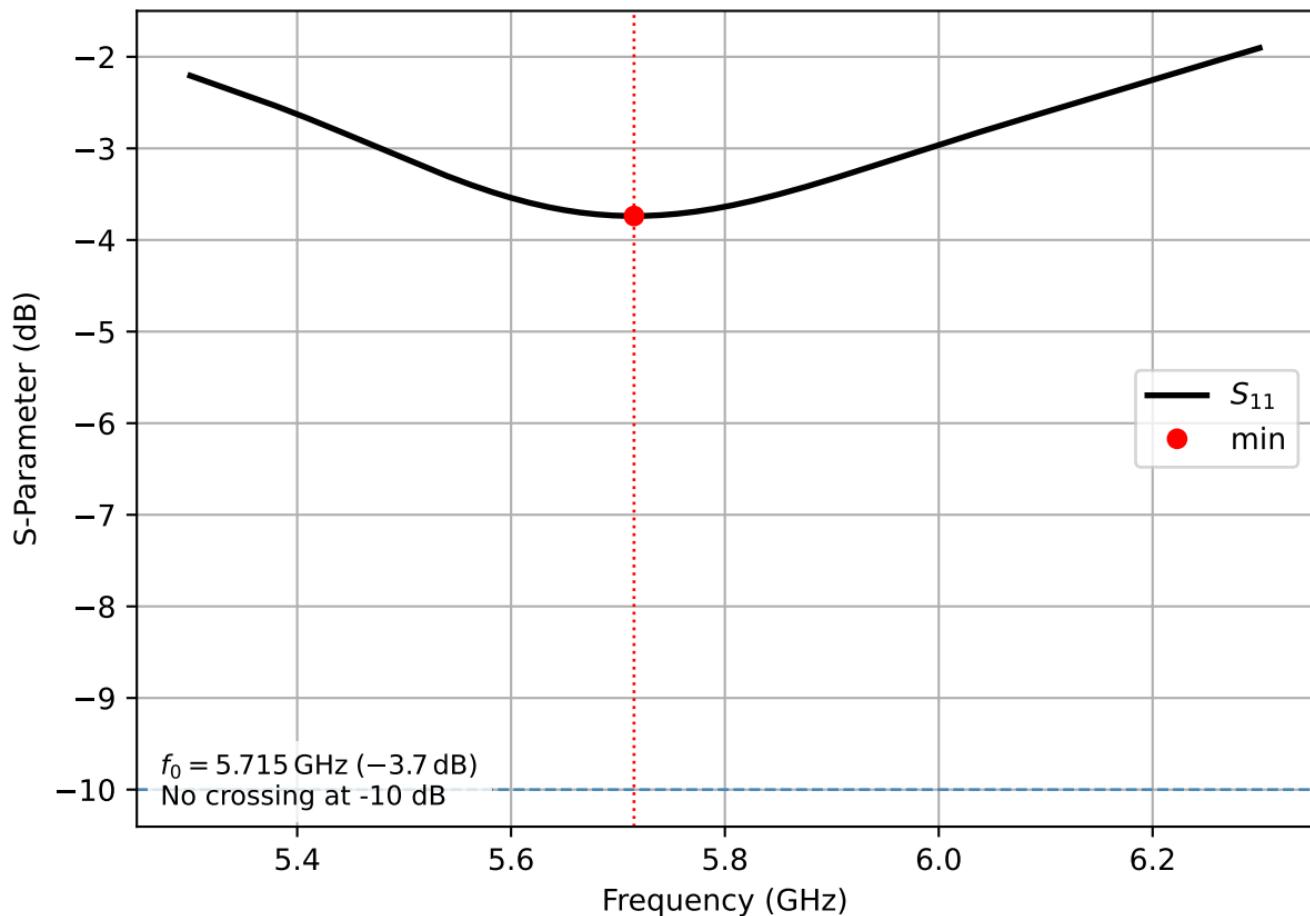
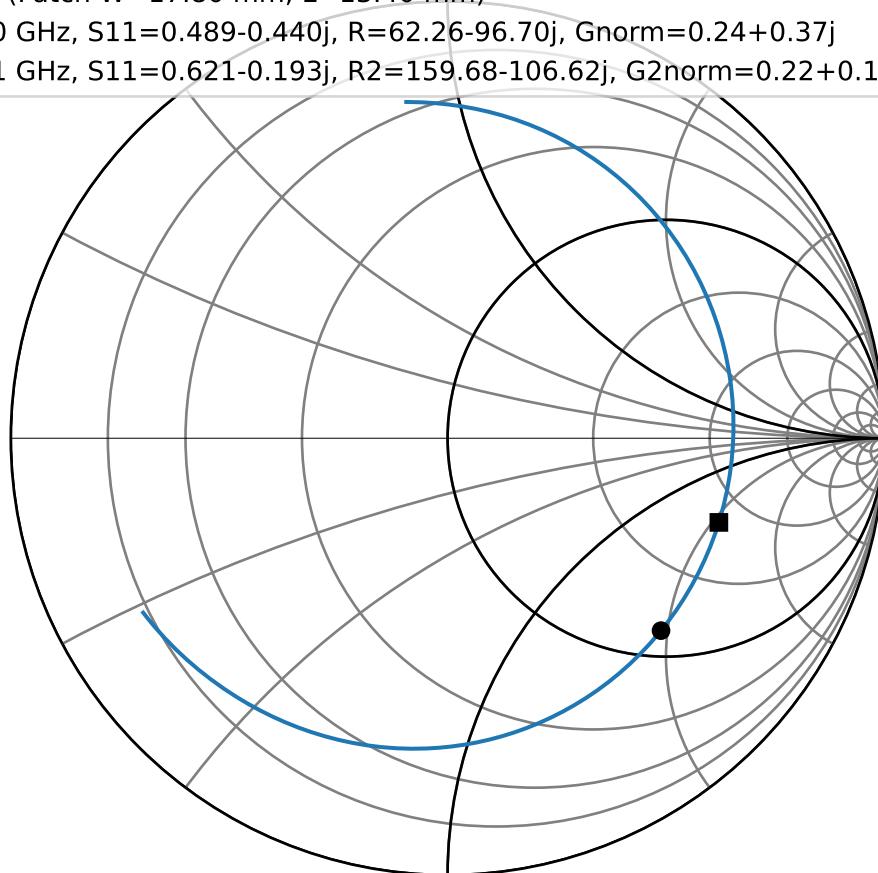


Reflection Coefficient S_{11}

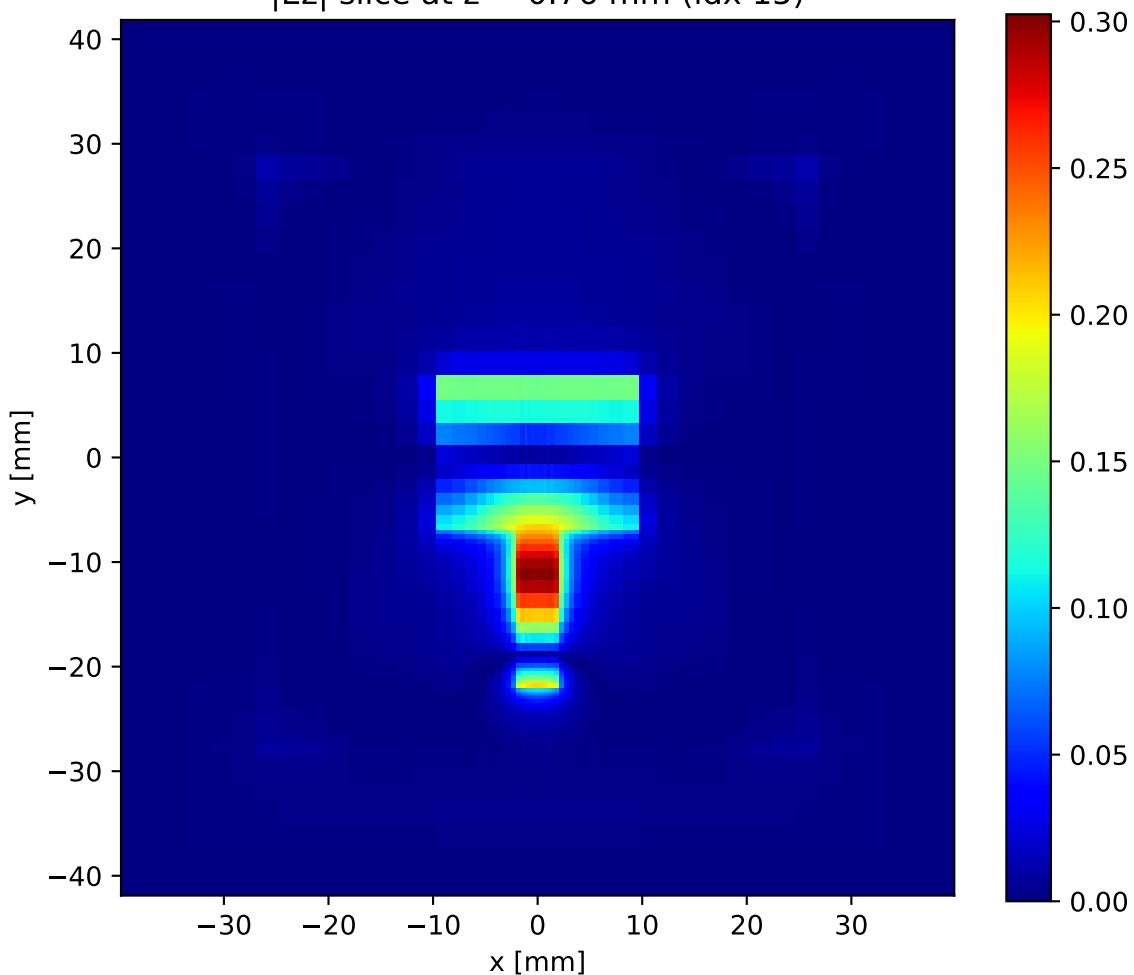


Smith Chart

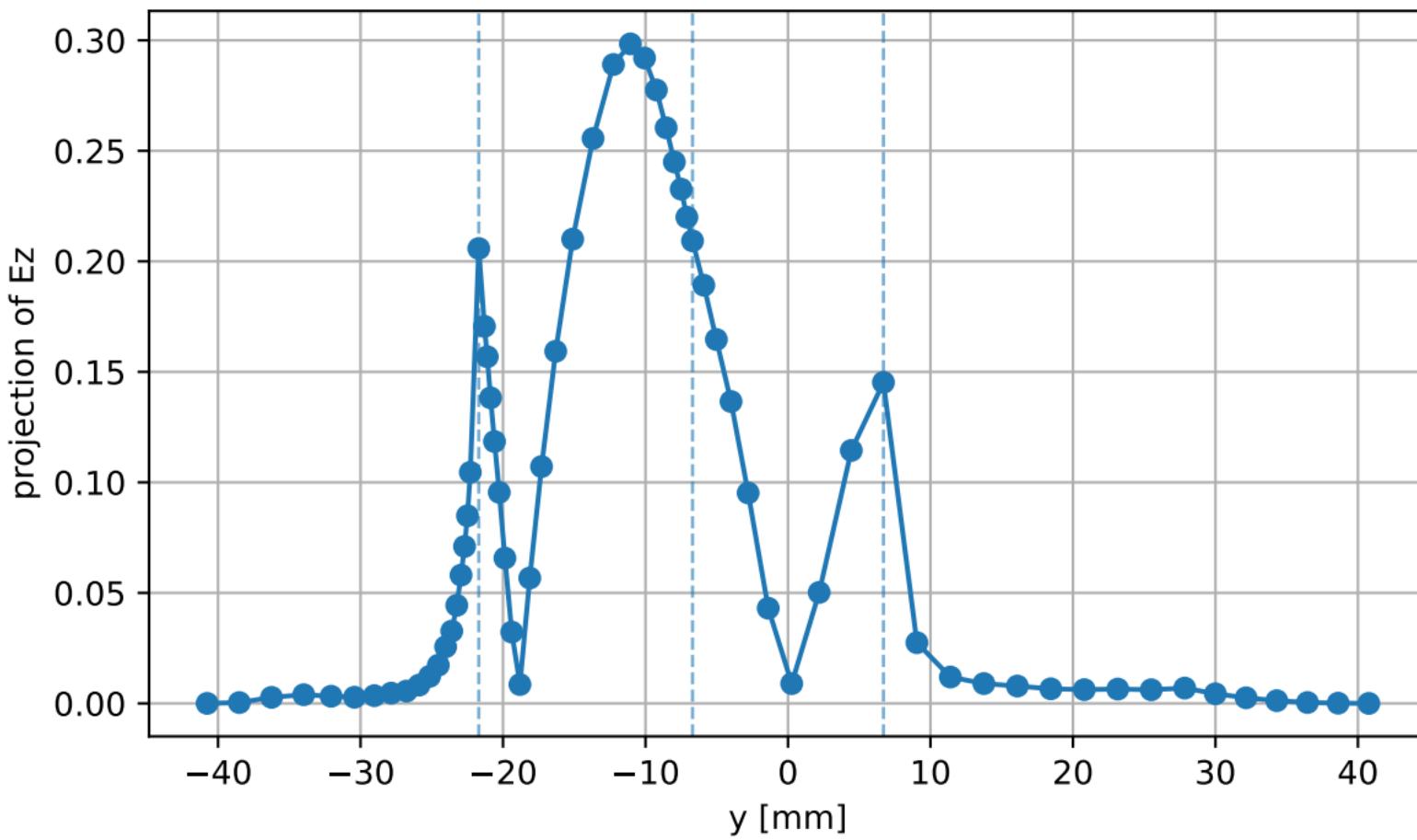
- S11 (Patch W=17.80 mm, L=13.40 mm)
- 5.80 GHz, $S_{11}=0.489-0.440j$, $R=62.26-96.70j$, $G_{norm}=0.24+0.37j$
- 5.71 GHz, $S_{11}=0.621-0.193j$, $R=159.68-106.62j$, $G_{2norm}=0.22+0.14j$



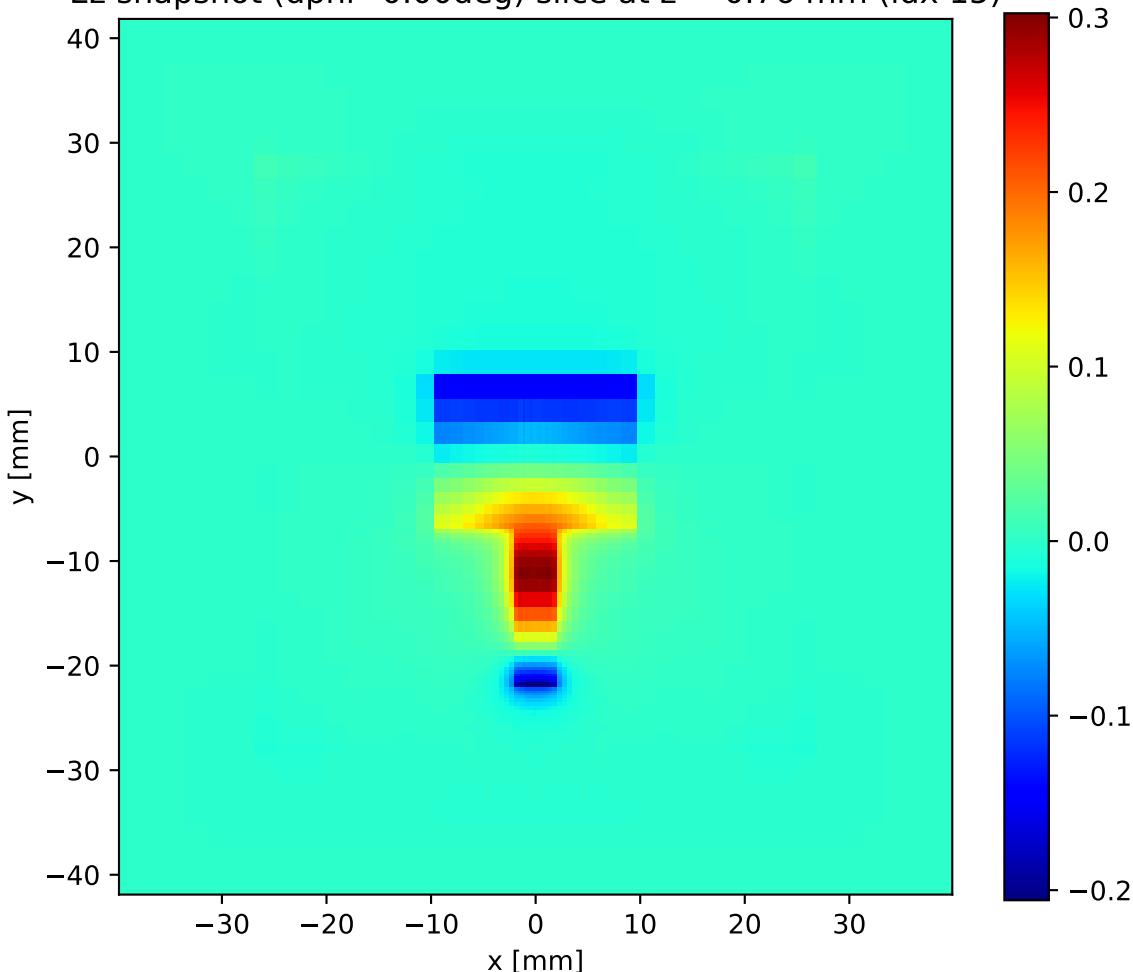
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



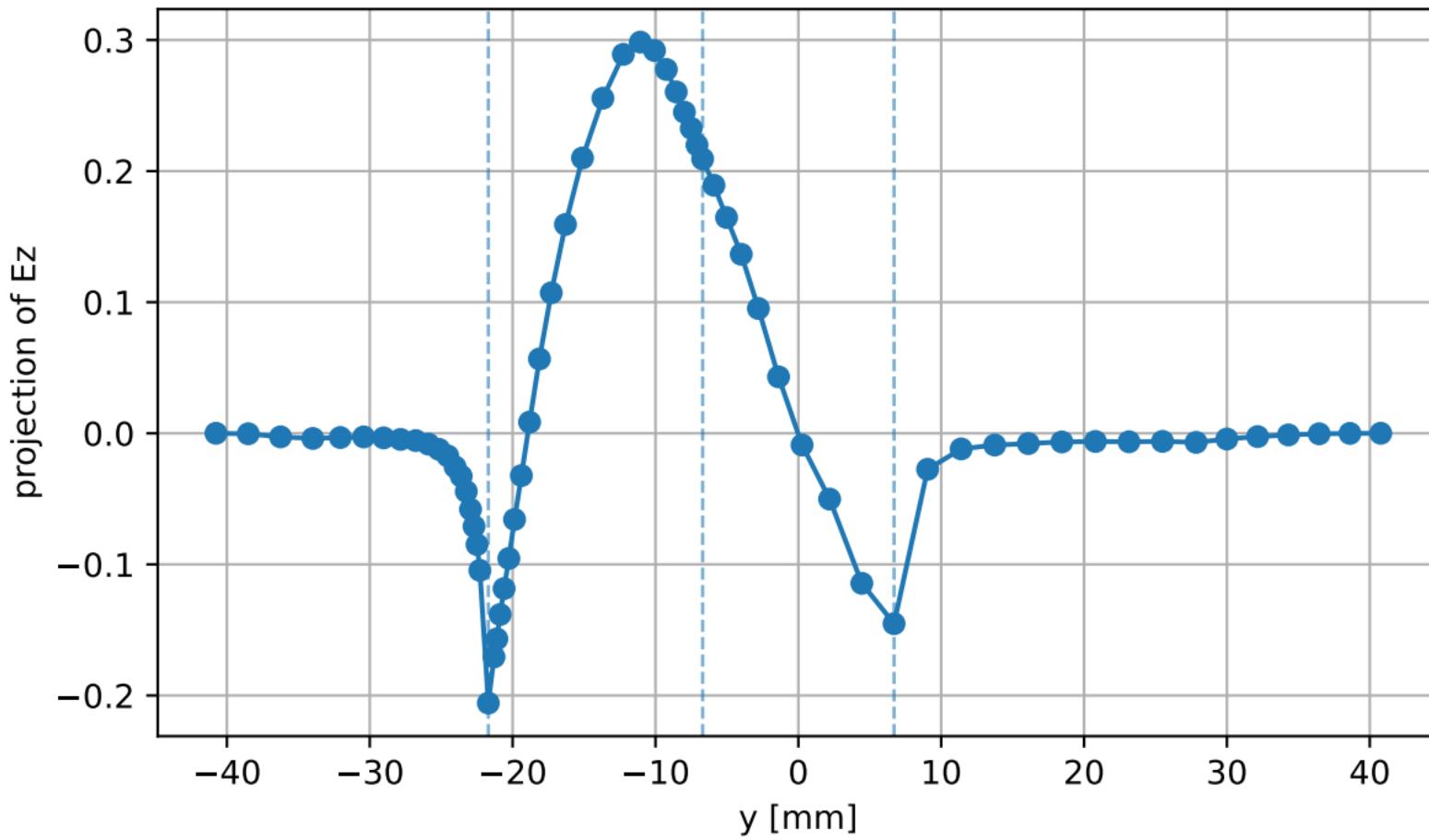
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=29, z=15$)



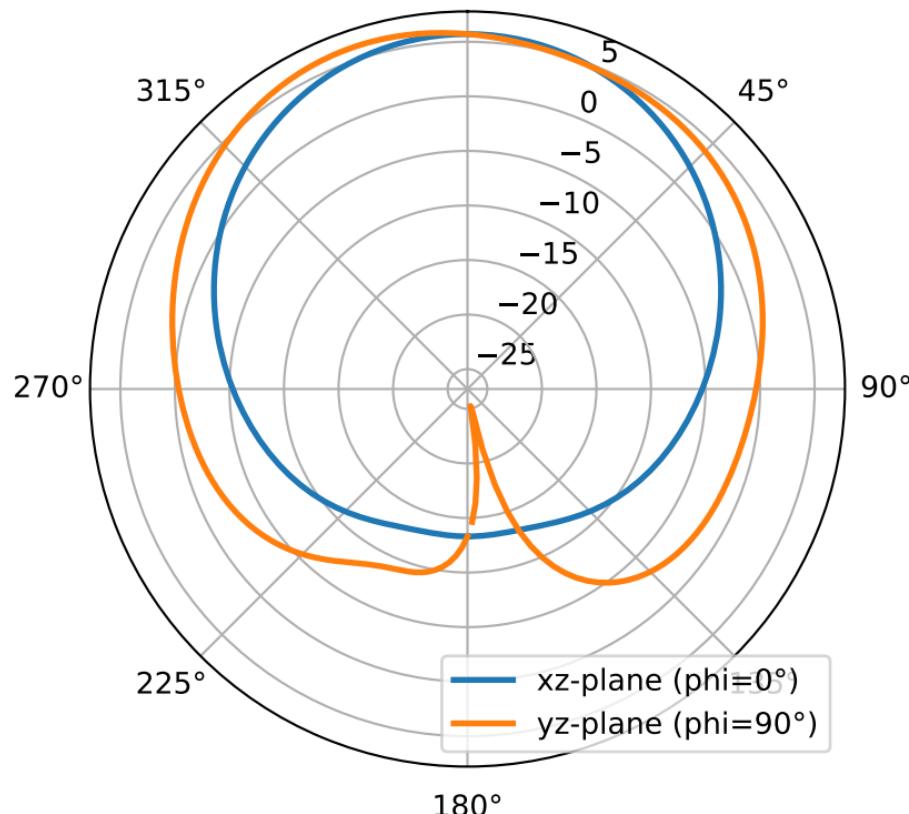
Ez snapshot (dphi=0.00deg) slice at z = 0.76 mm (idx 15)



Ez snapshot (dphi=0.00deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=29, z=15)

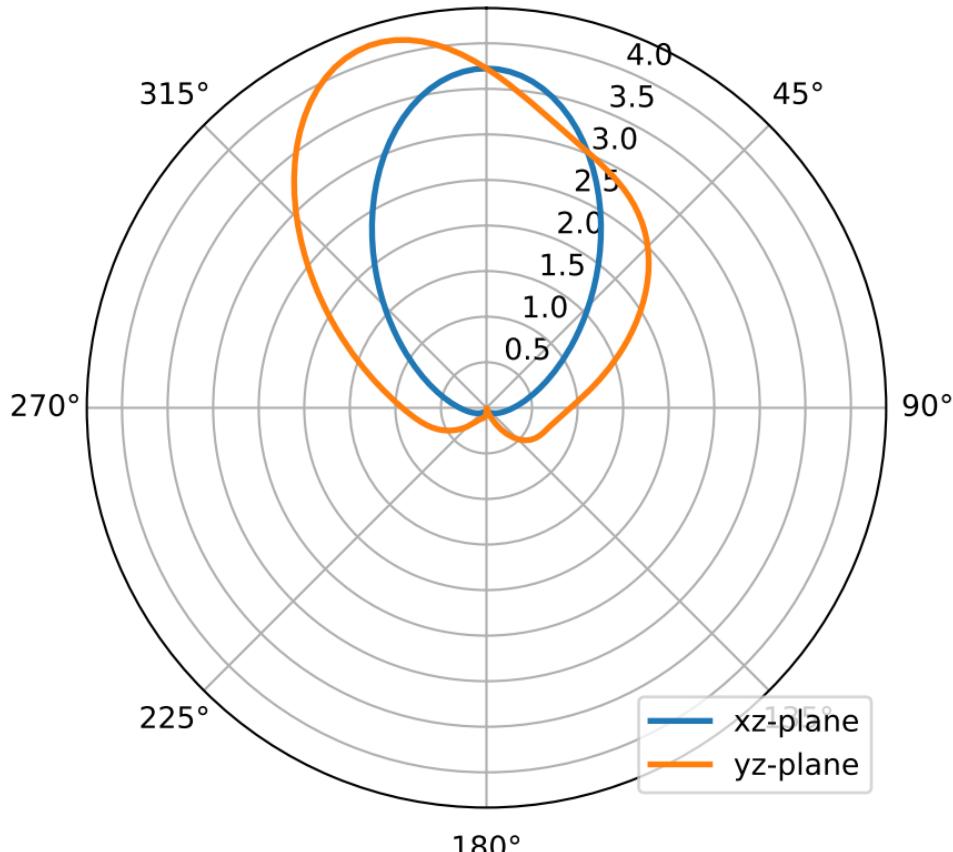


$f = 5.715 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 6.21 \text{ dB}$, nf2ff $D_{\max} = 6.21 \text{ dB}$



Frequency: 5.715 GHz — Directivity (linear). Dmax: 4.178

0°



Frequency: 5.715 GHz
xz-plane: HPBW=82.1°
yz-plane: HPBW=114.1°

