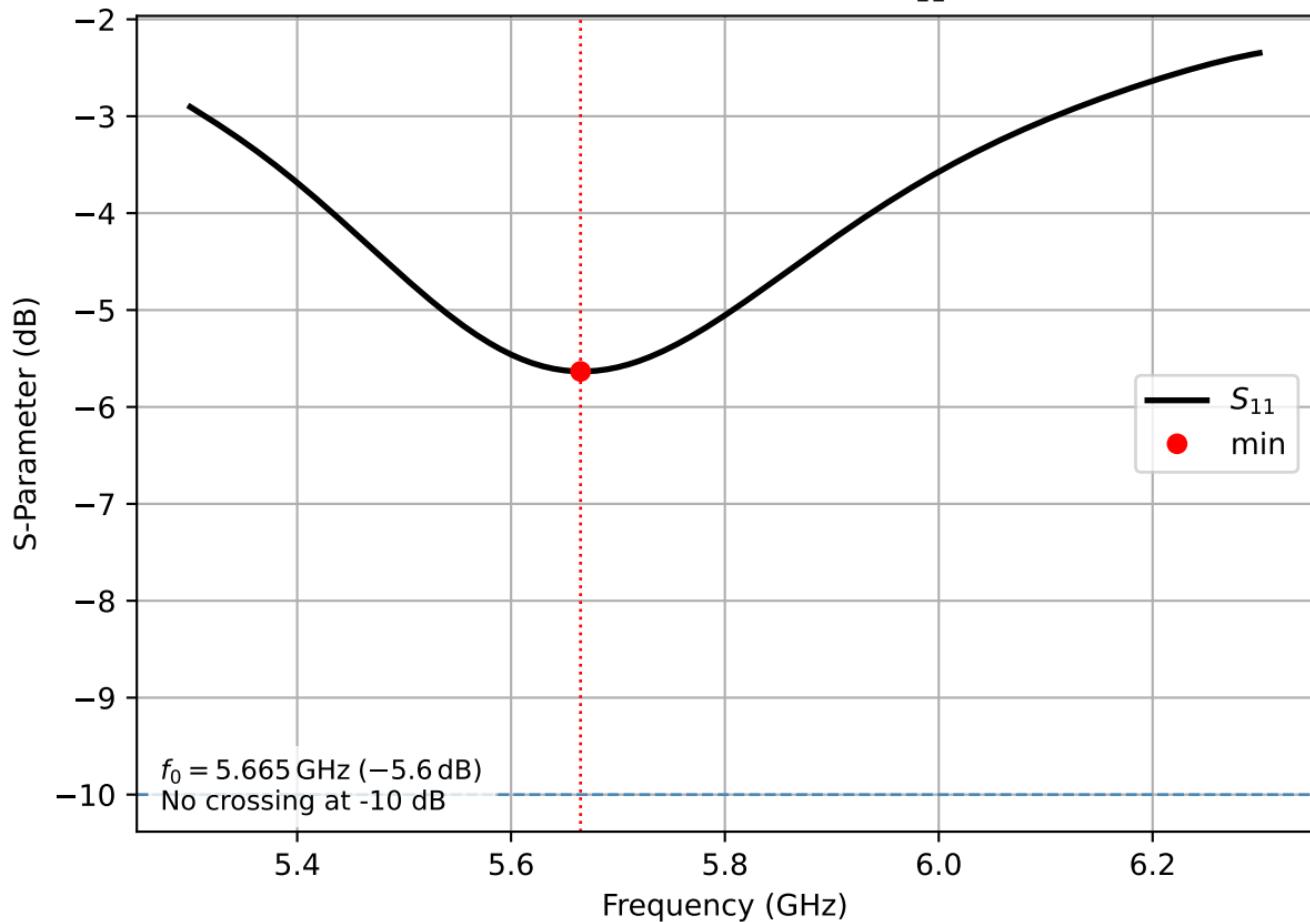
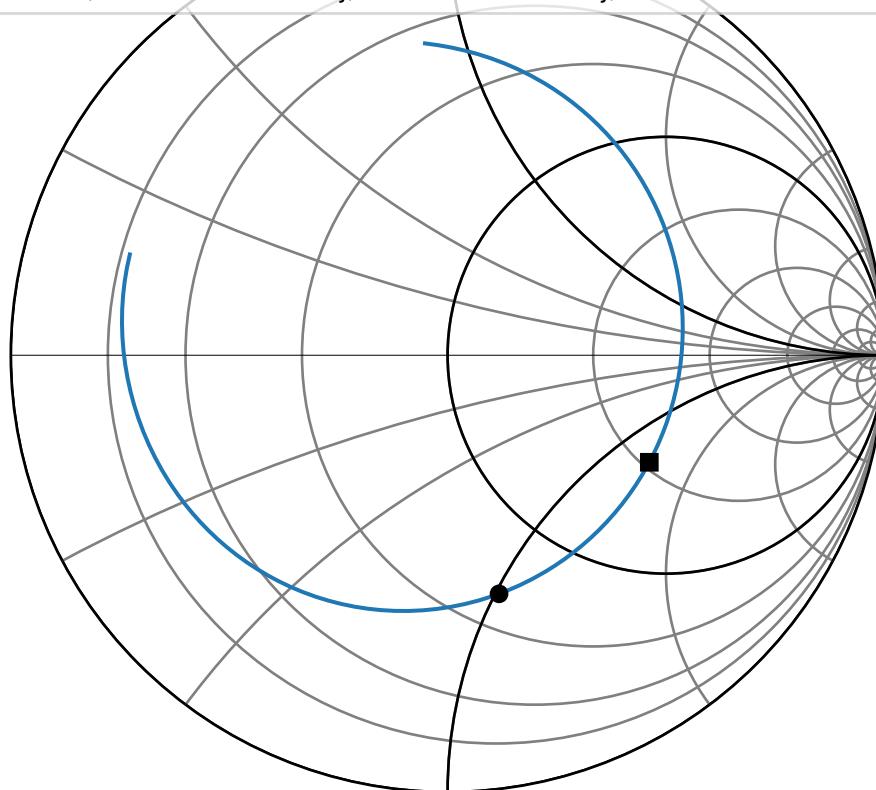


Reflection Coefficient S_{11}

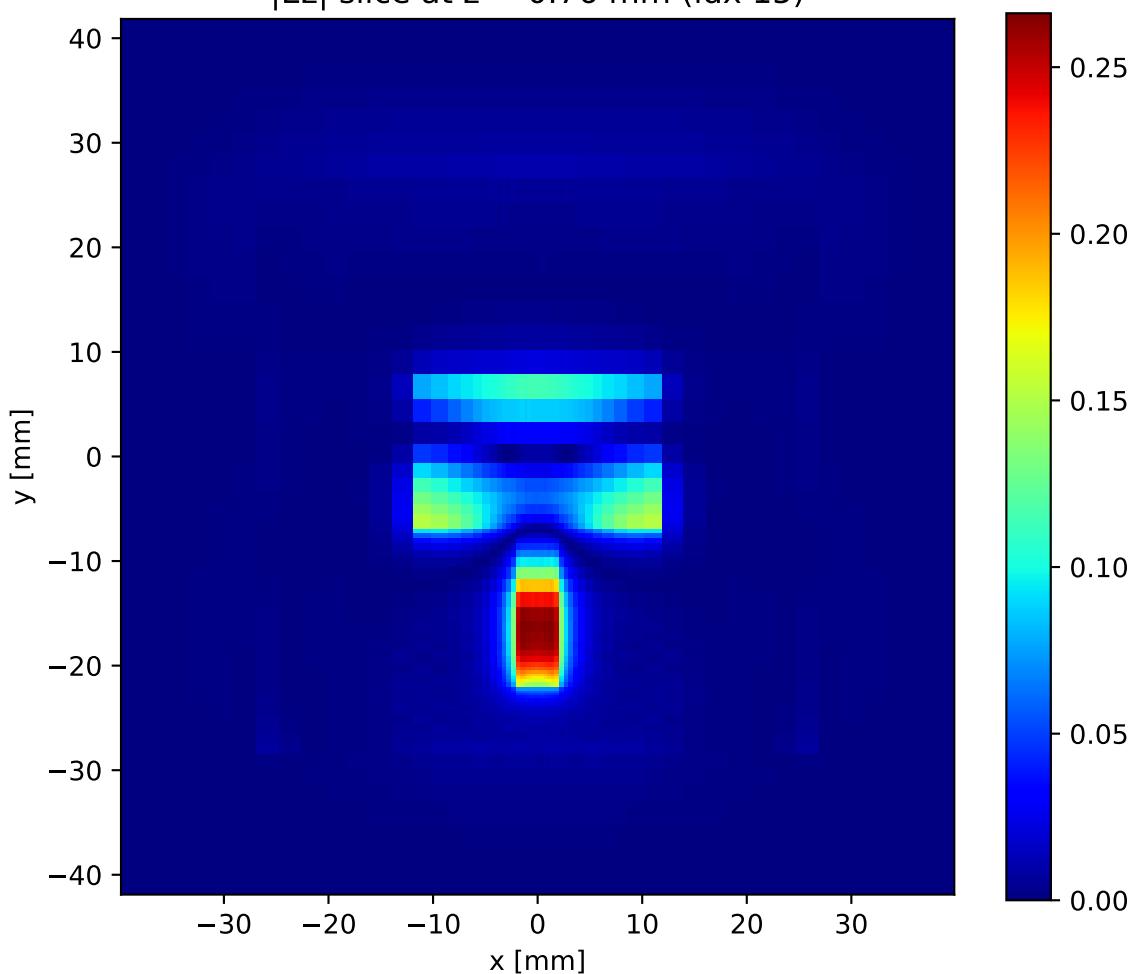


Smith Chart

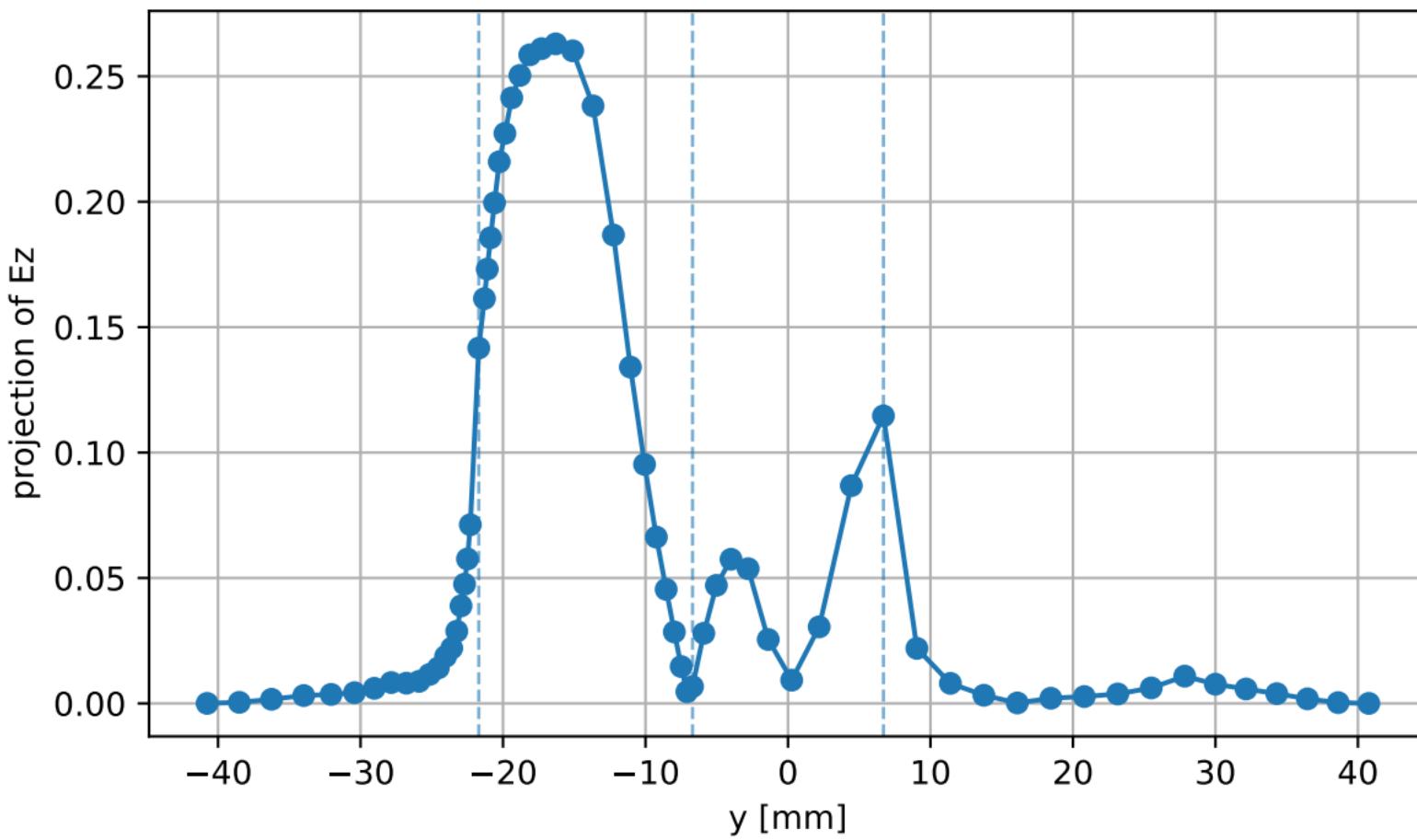
- S11 (Patch W=22.00 mm, L=13.40 mm)
- 5.80 GHz, $S_{11}=0.118-0.546j$, $R=31.94-50.73j$, $G_{norm}=0.44+0.71j$
 - 5.67 GHz, $S_{11}=0.462-0.245j$, $R=103.90-70.07j$, $G_{2norm}=0.33+0.22j$



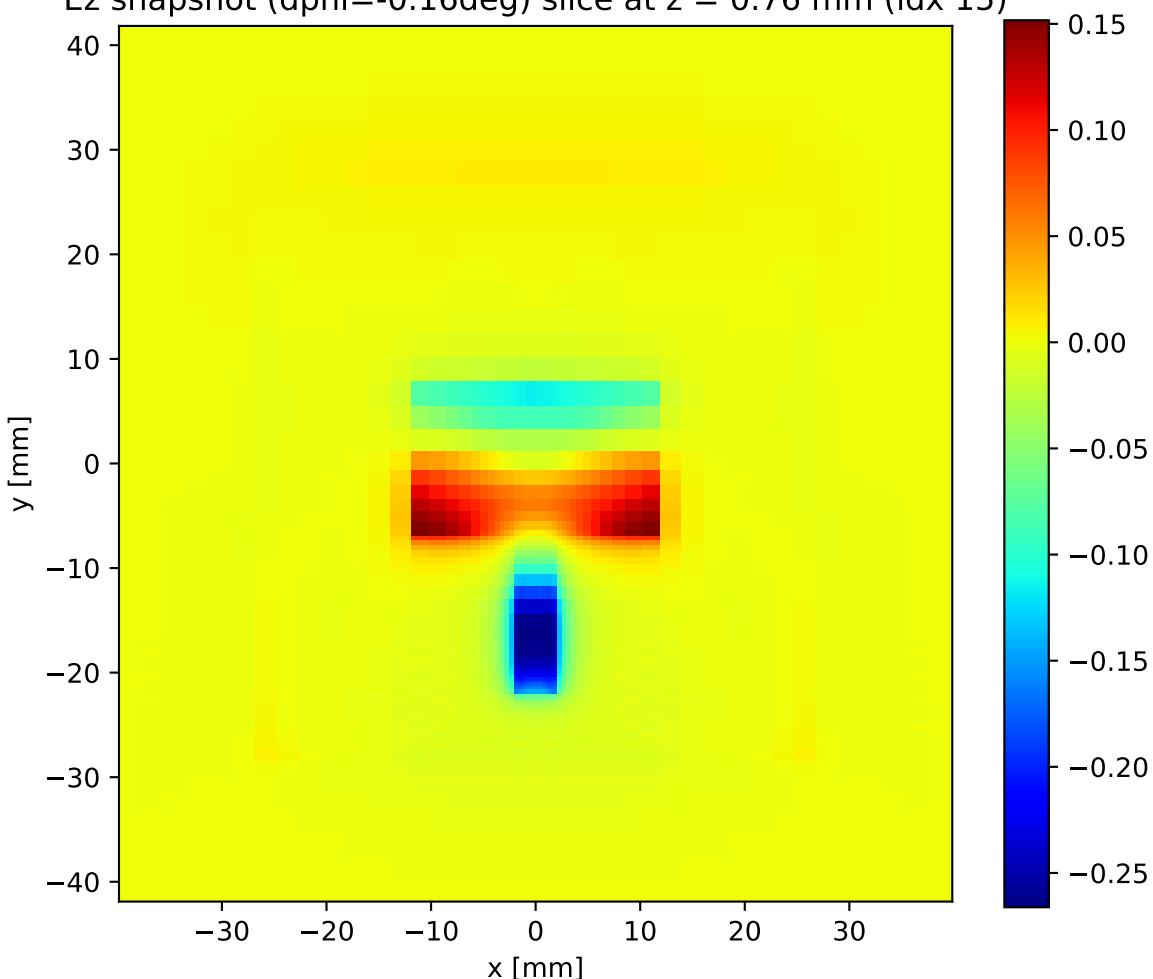
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



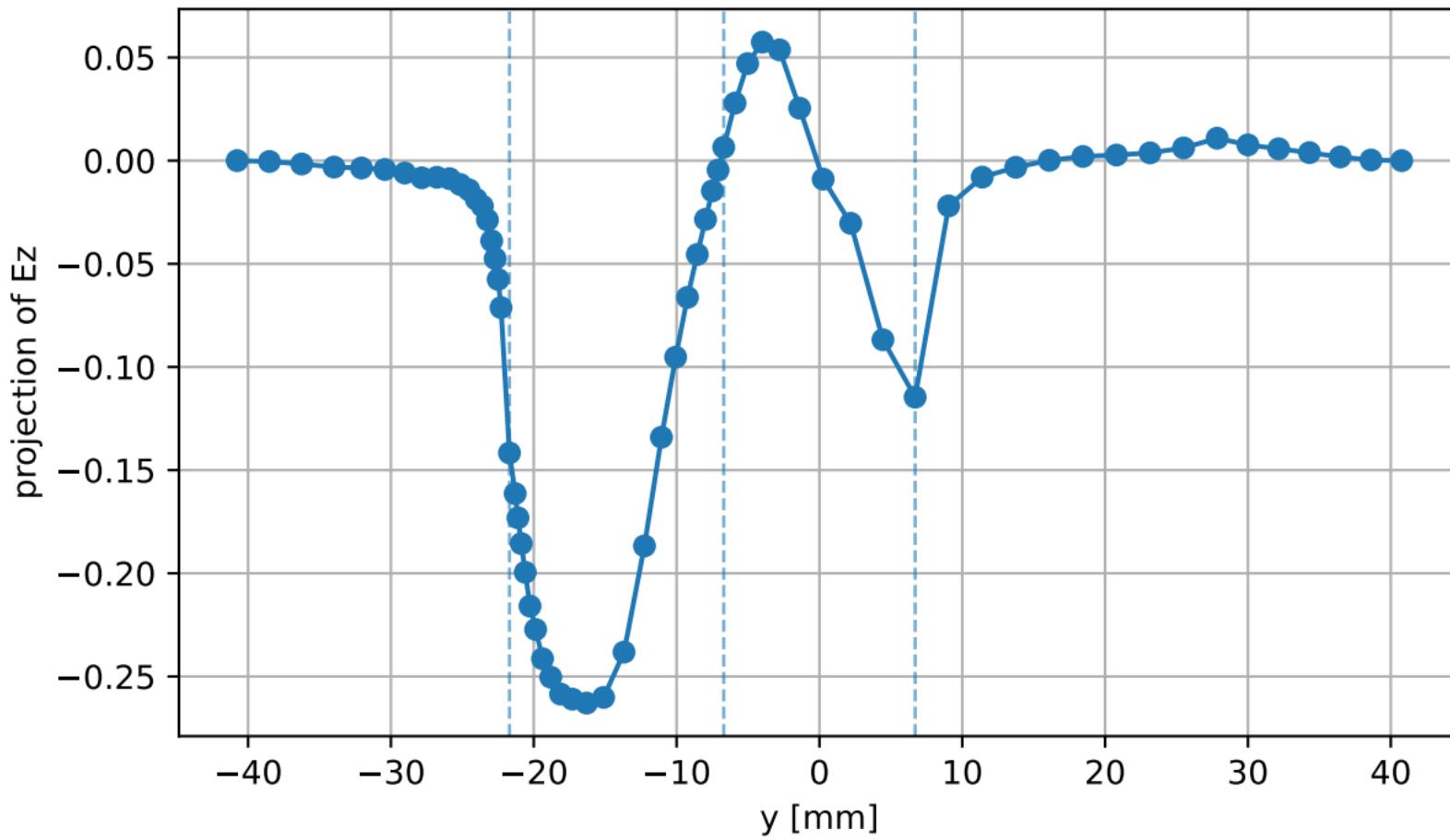
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=30$, $z=15$)



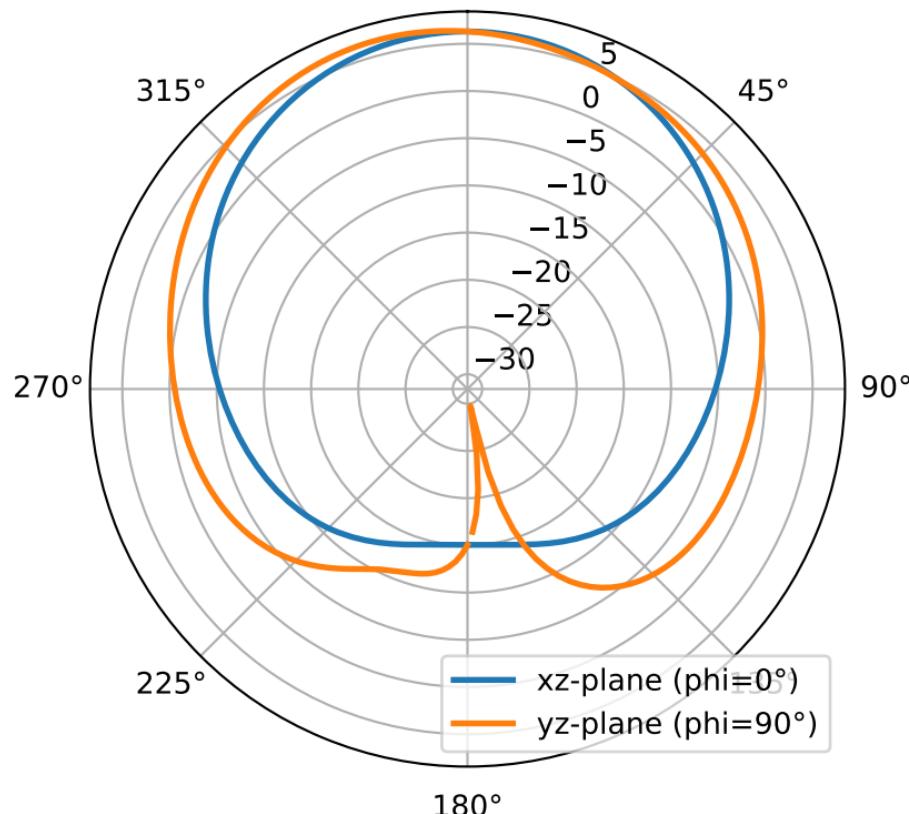
Ez snapshot ($d\phi = -0.16\text{deg}$) slice at $z = 0.76 \text{ mm}$ (idx 15)



Ez snapshot (dphi=-0.16deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=30, z=15)

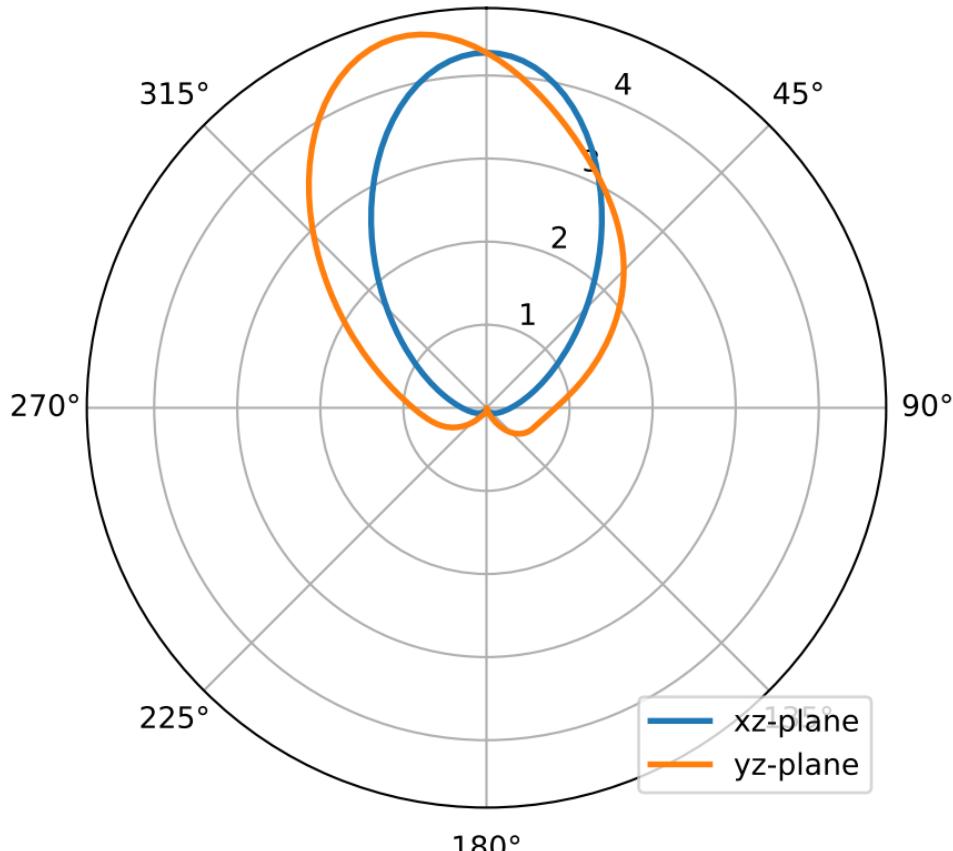


$f = 5.665 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 6.61 \text{ dB}$, nf2ff $D_{\max} = 6.61 \text{ dB}$



Frequency: 5.665 GHz — Directivity (linear). Dmax: 4.582

0°



Frequency: 5.665 GHz
xz-plane: HPBW=78.4°
yz-plane: HPBW=100.1°

