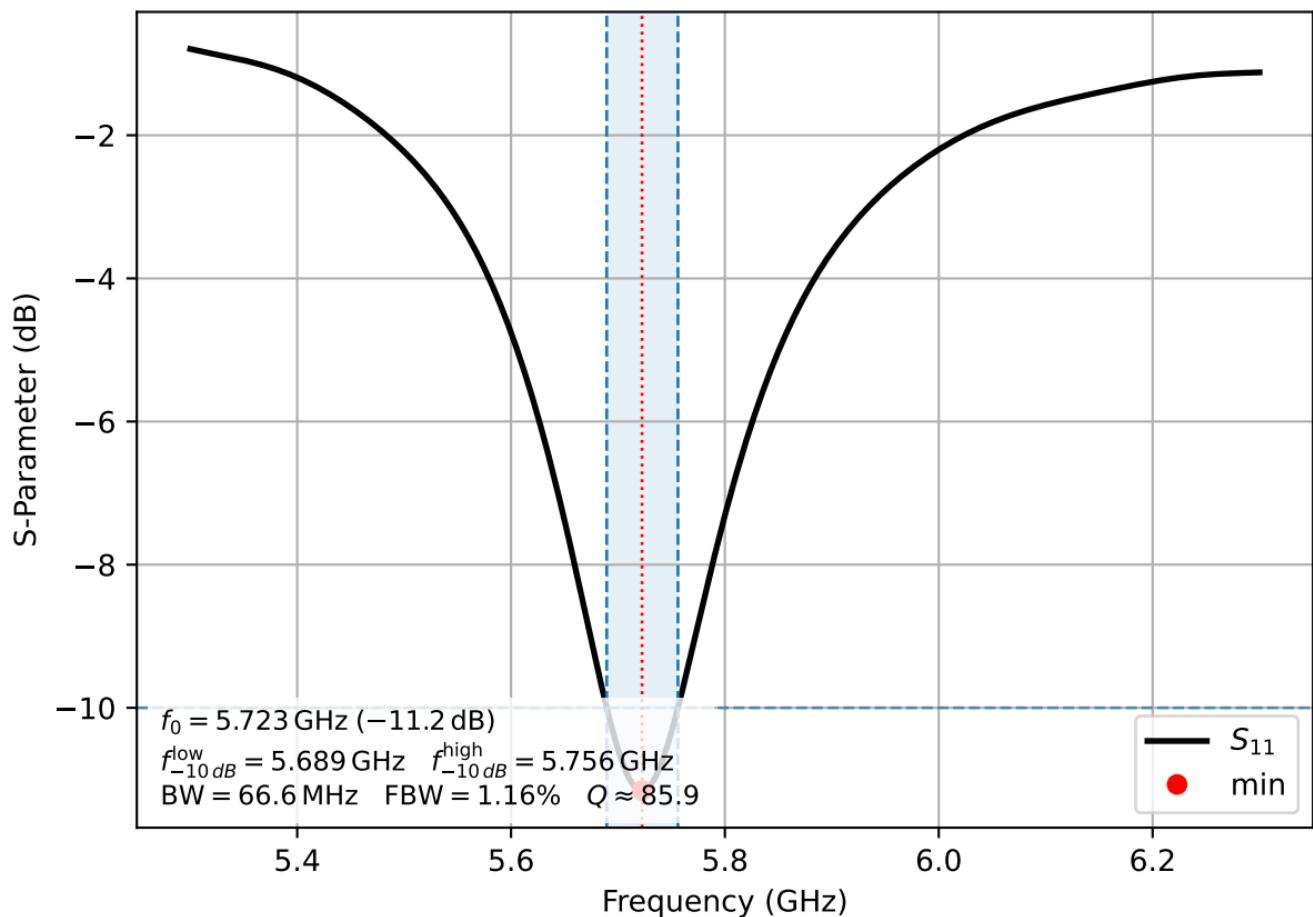
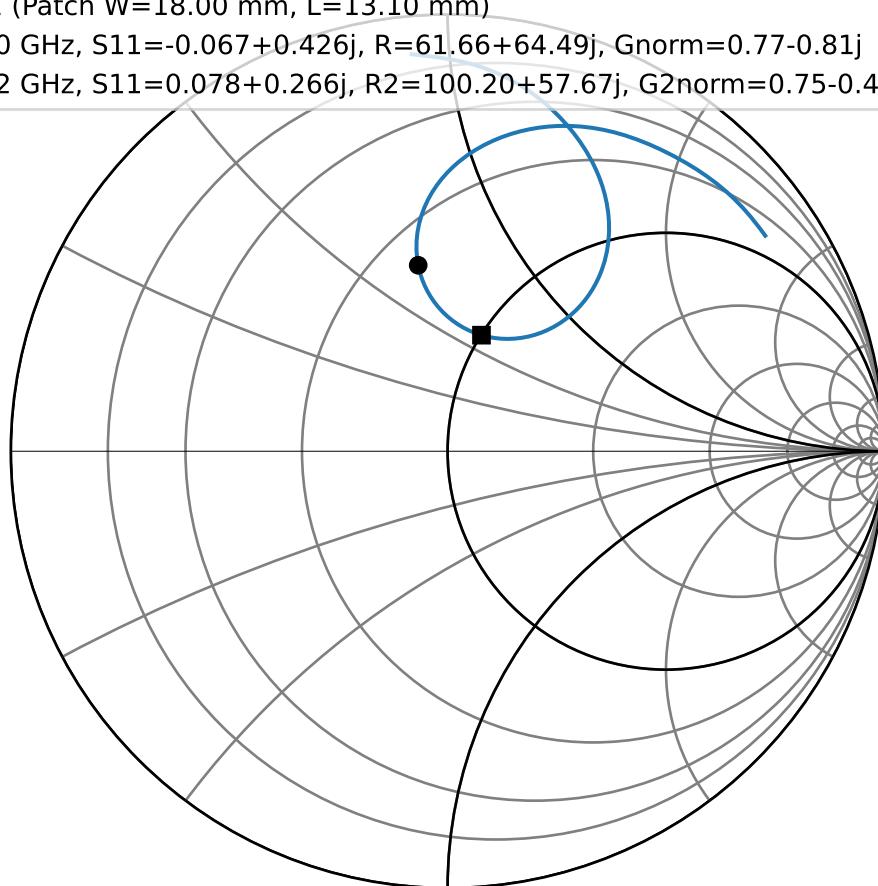


Reflection Coefficient S_{11}

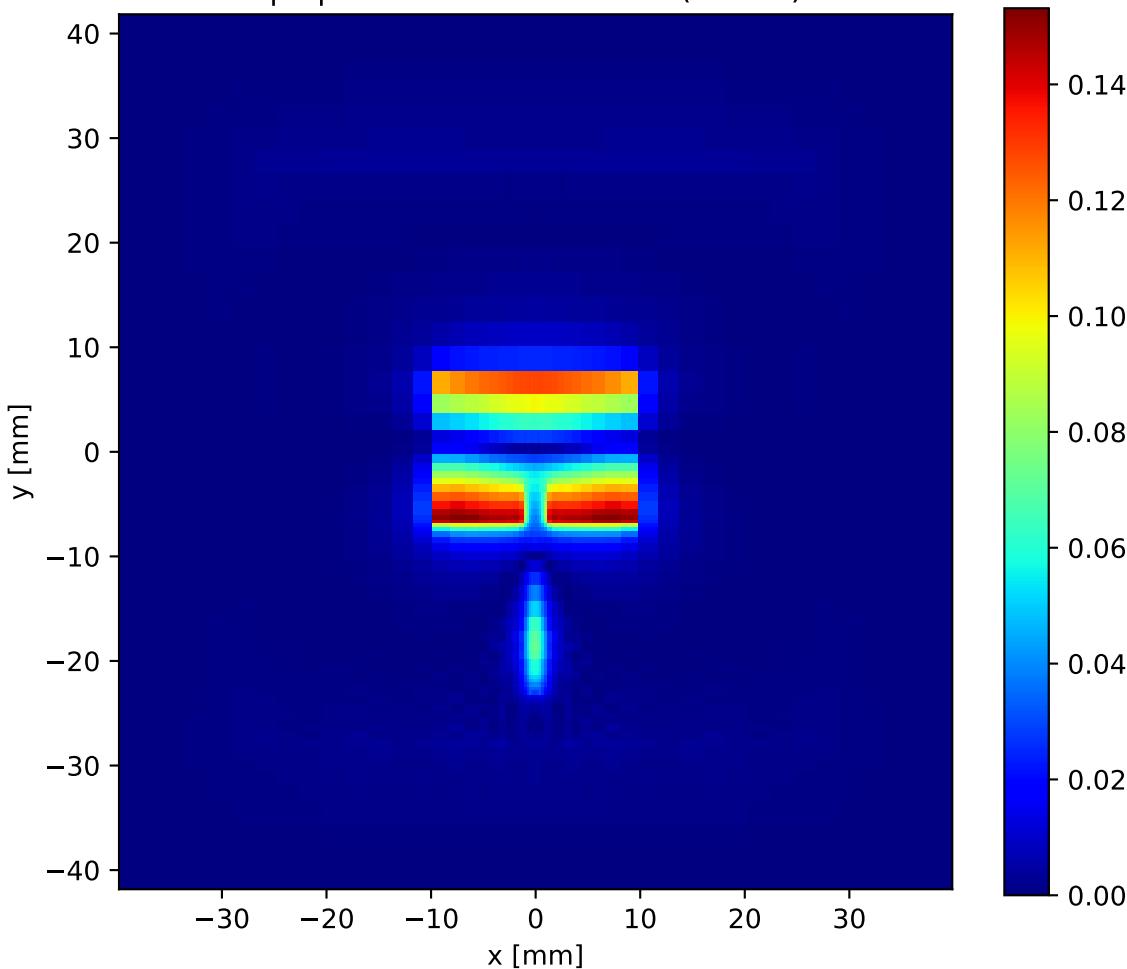


Smith Chart

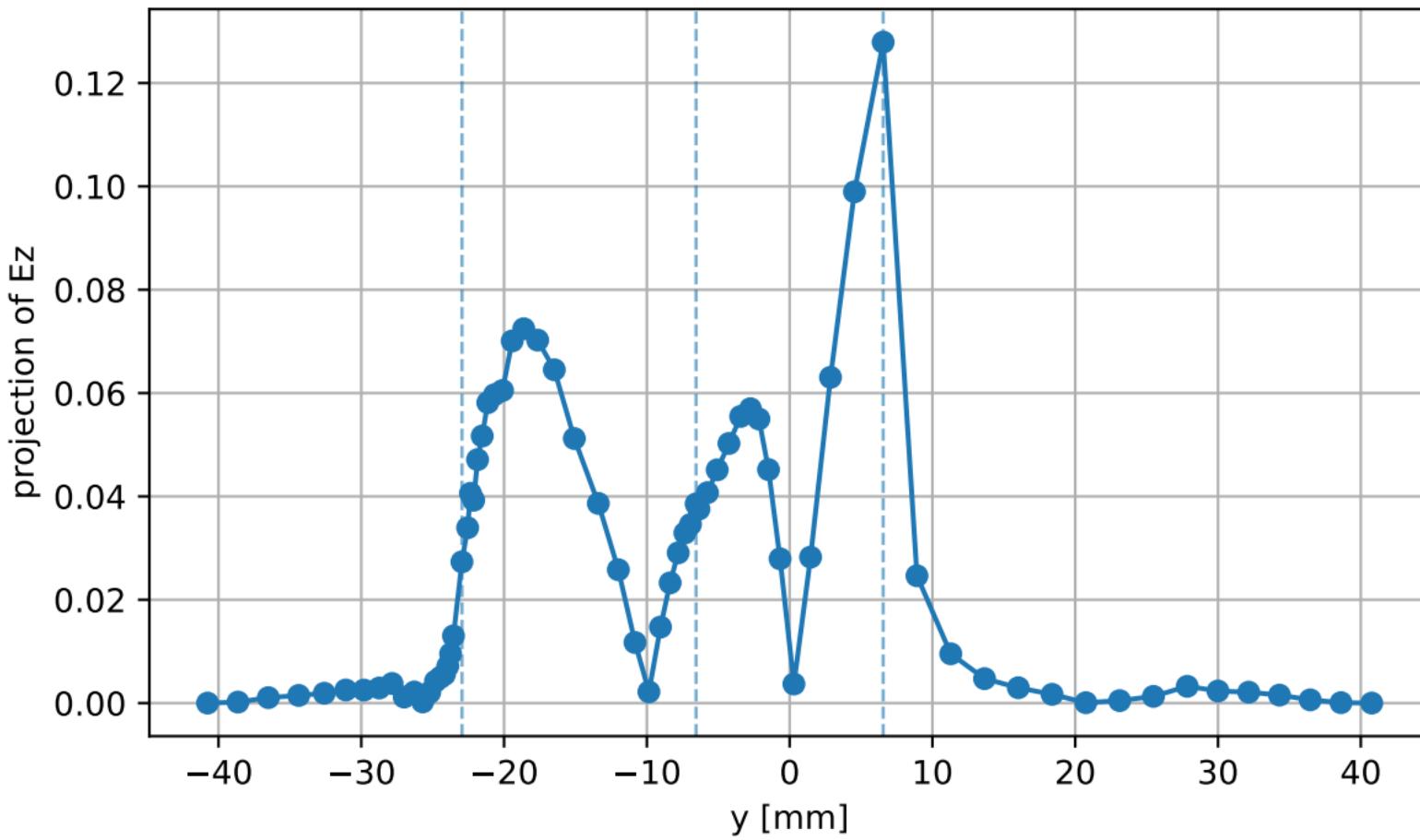
- S11 (Patch W=18.00 mm, L=13.10 mm)
- 5.80 GHz, $S_{11}=-0.067+0.426j$, $R=61.66+64.49j$, $G_{norm}=0.77-0.81j$
- 5.72 GHz, $S_{11}=0.078+0.266j$, $R_2=100.20+57.67j$, $G2_{norm}=0.75-0.43j$



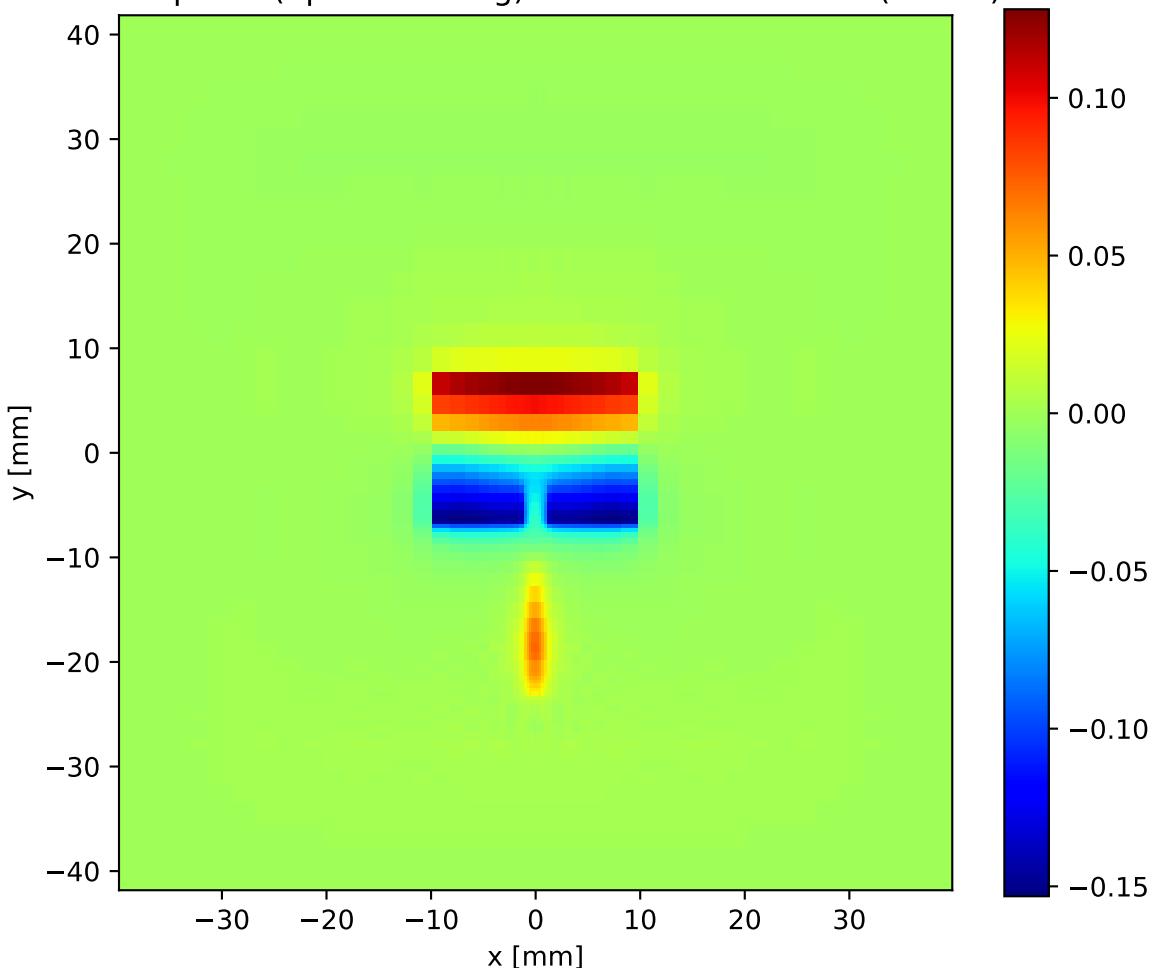
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



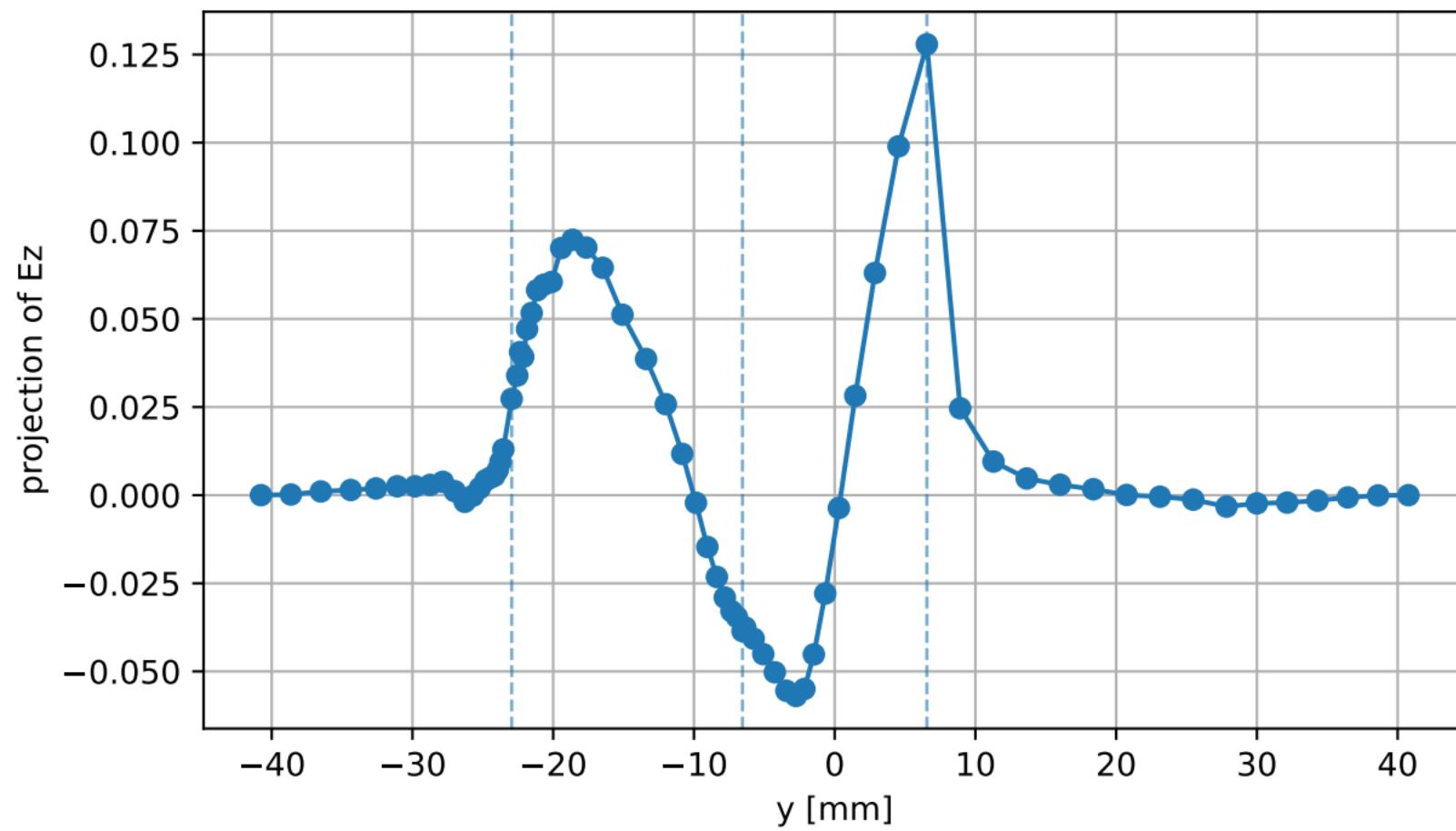
$|E_z|$ line cut along Y at $x=0.10$ mm, $z=0.76$ mm
(idx $x=28$, $z=15$)



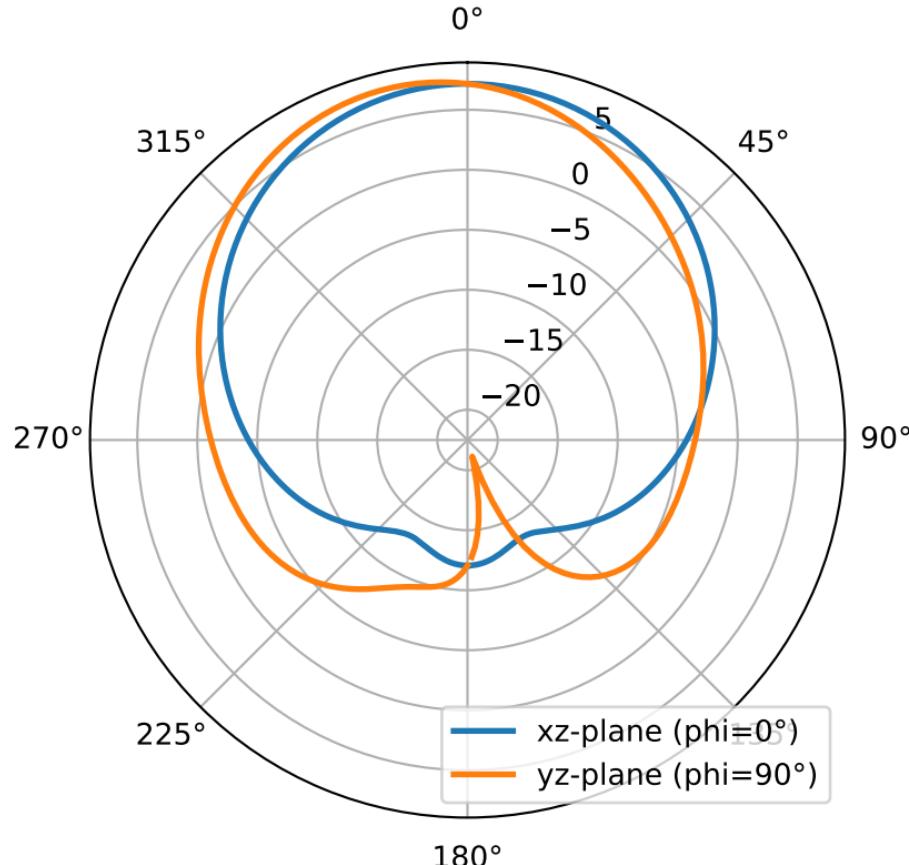
Ez snapshot (dphi=0.06deg) slice at z = 0.76 mm (idx 15)



Ez snapshot ($d\phi=0.06\text{deg}$) line cut along Y at $x=0.10 \text{ mm}$, $z=0.76 \text{ mm}$
(idx $x=28$, $z=15$)

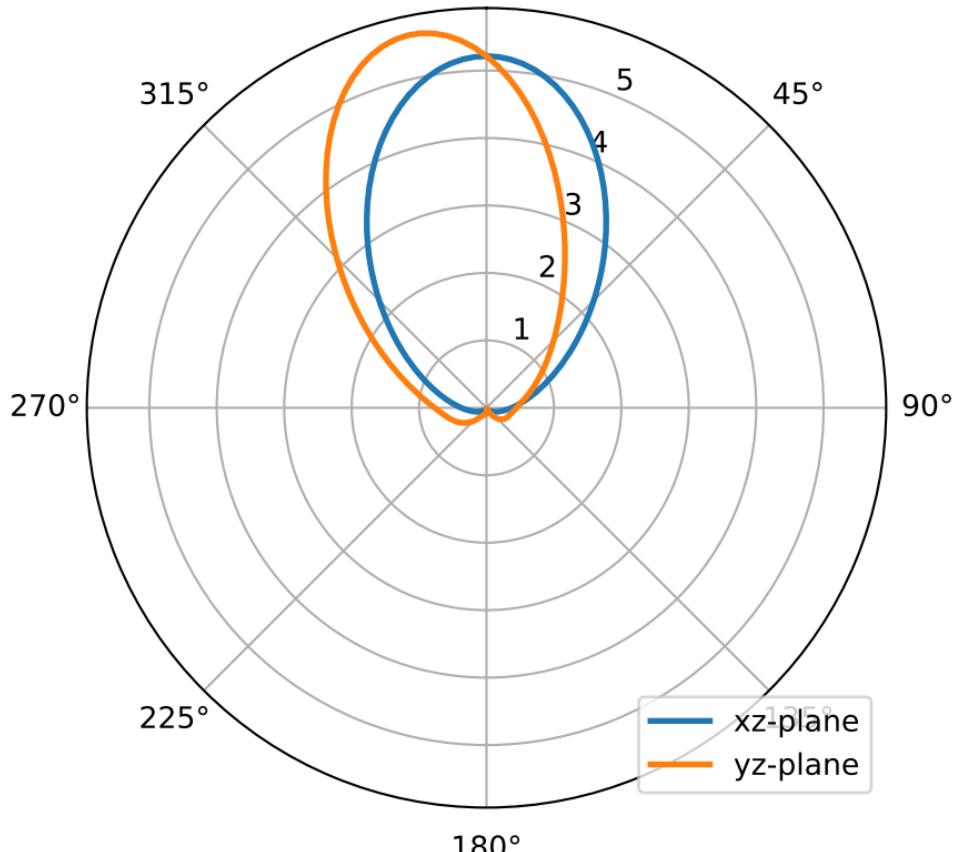


$f = 5.723 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 7.52 \text{ dB}$, nf2ff $D_{\max} = 7.52 \text{ dB}$

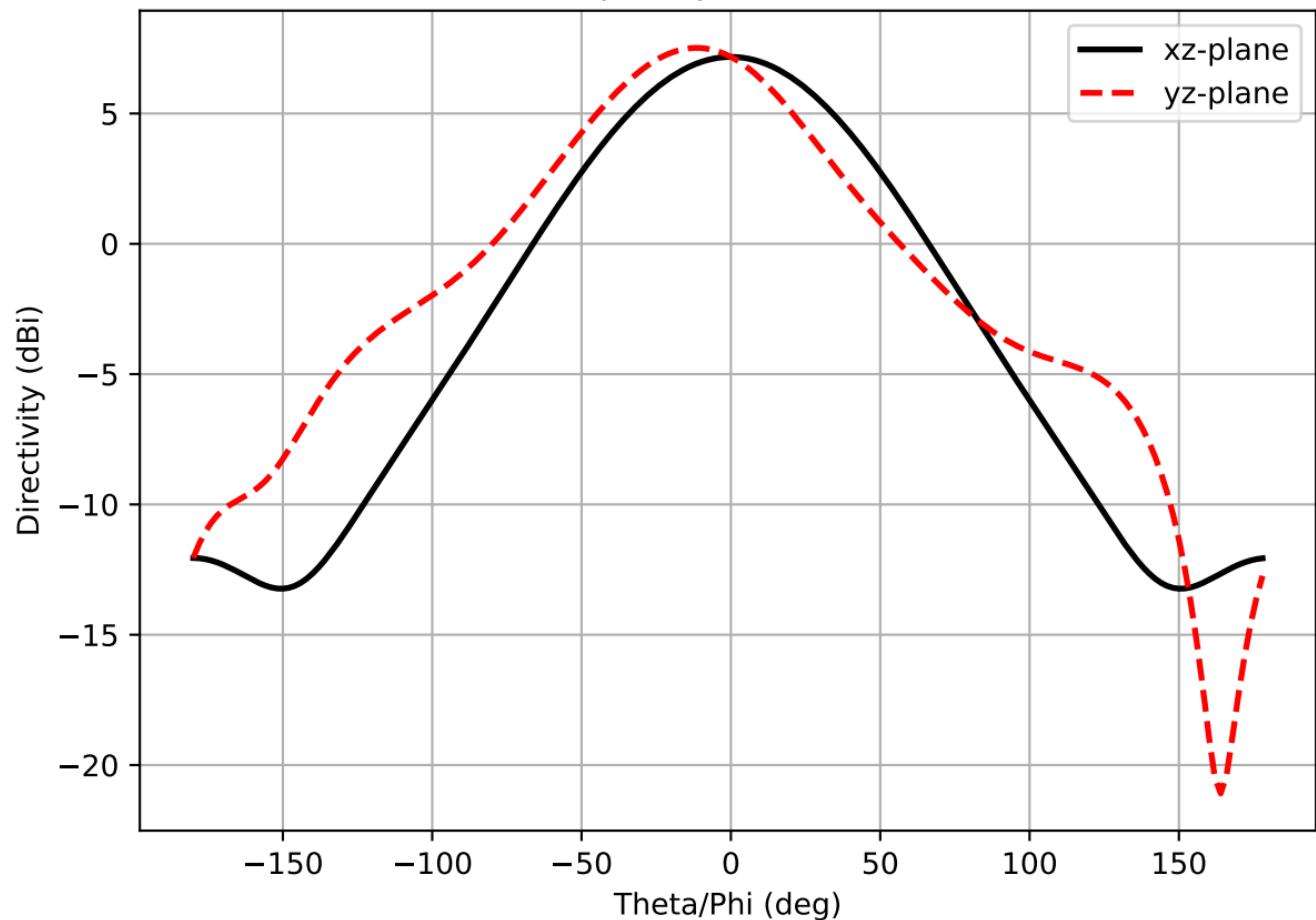


Frequency: 5.723 GHz — Directivity (linear). Dmax: 5.645

0°



Frequency: 5.723 GHz



3D Directivity Pattern
 $f = 5.723 \text{ GHz}$, $D_{\max} = 7.51 \text{ dBi}$

