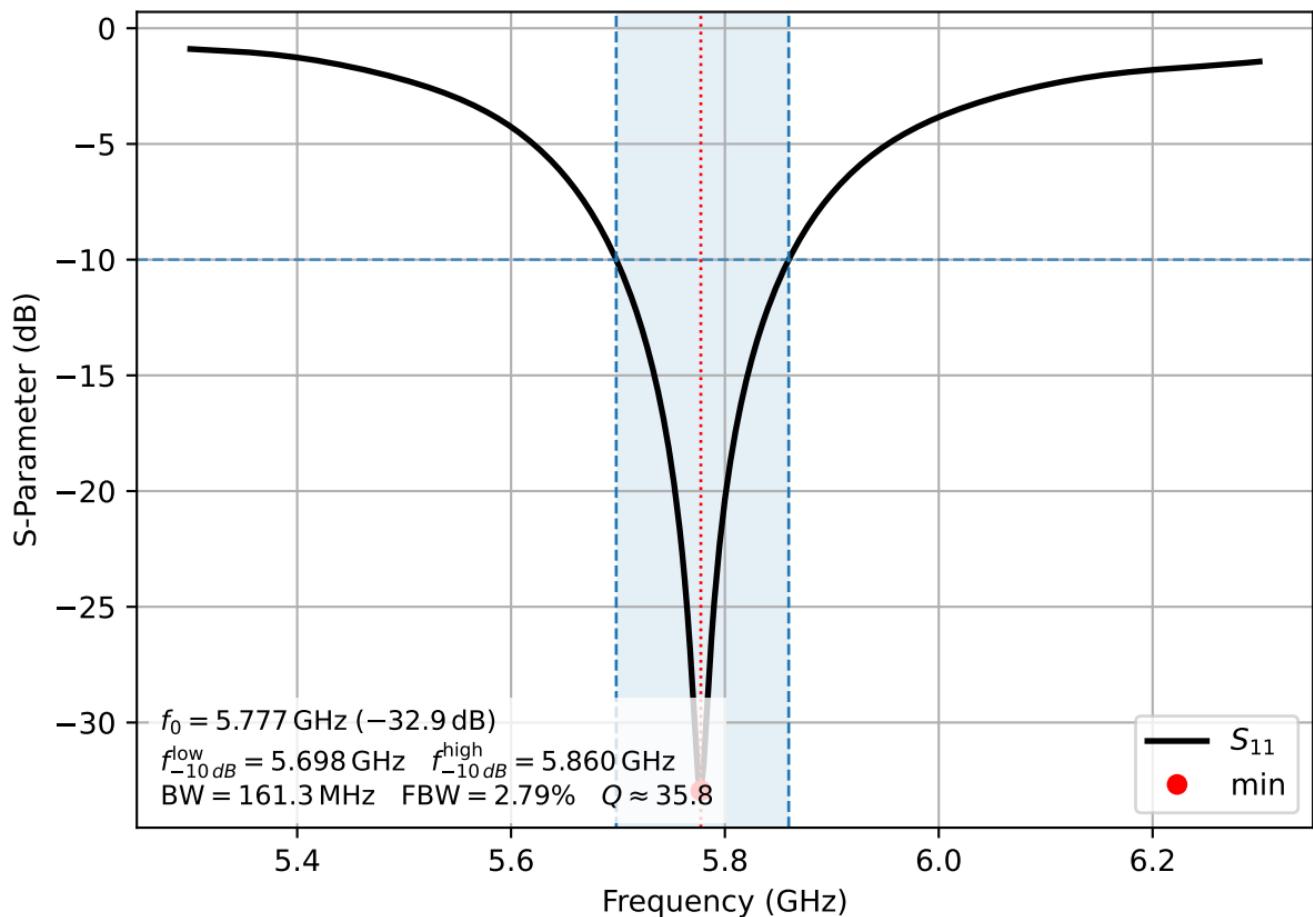
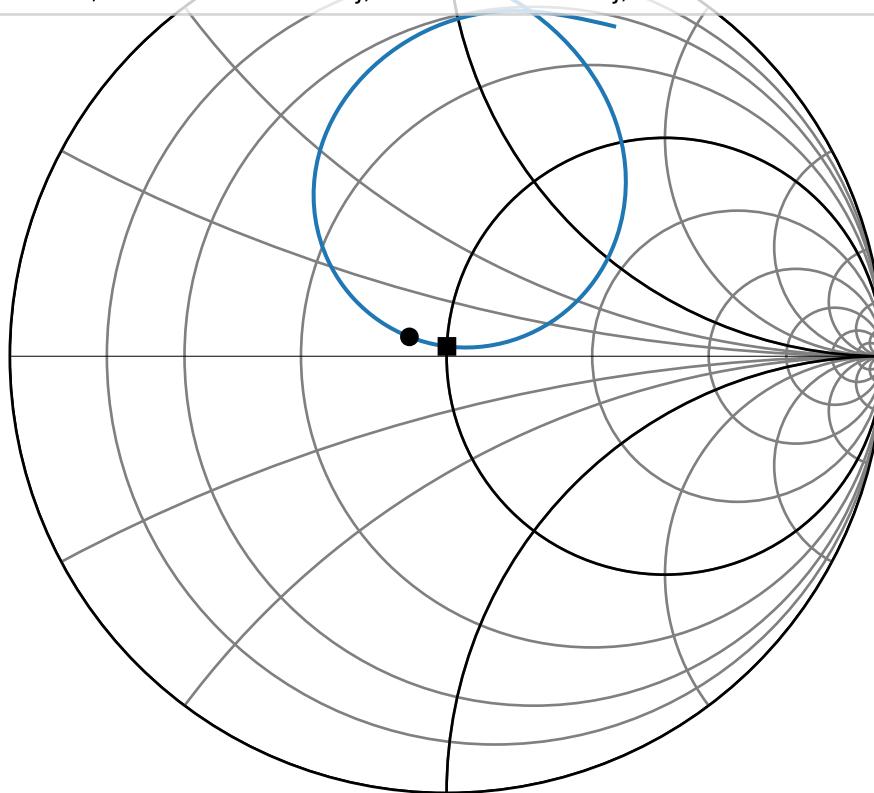


Reflection Coefficient S_{11}

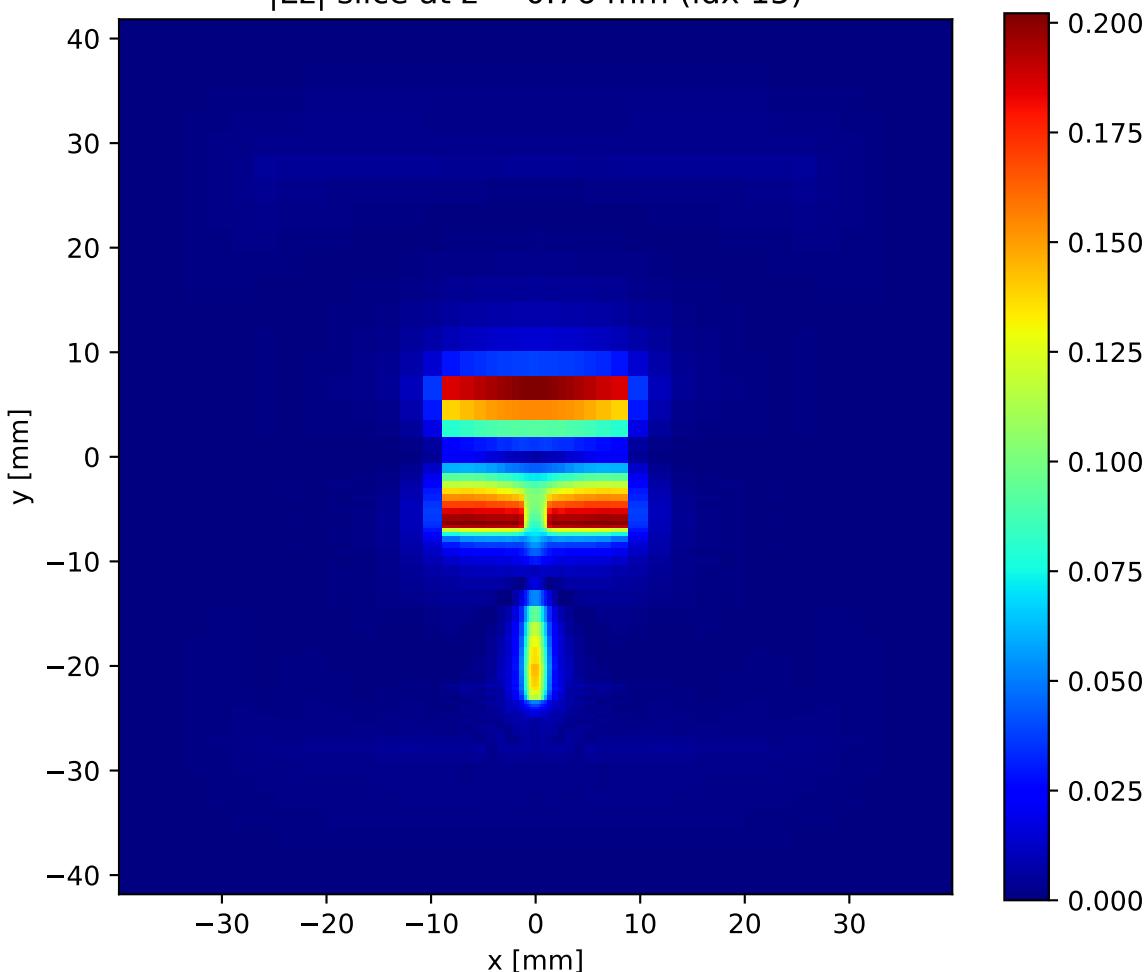


Smith Chart

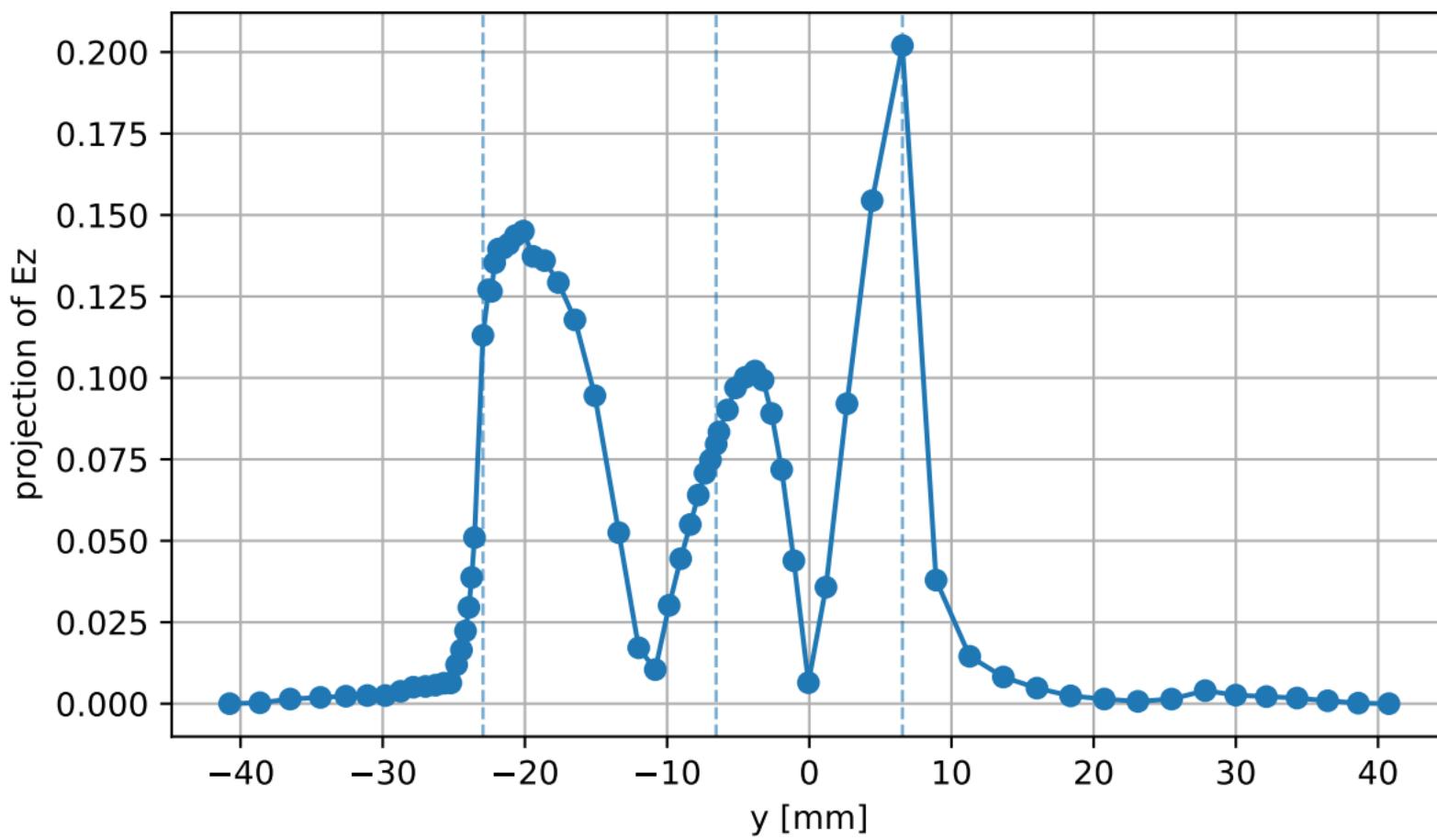
- S11 (Patch W=16.00 mm, L=13.10 mm)
- 5.80 GHz, $S_{11} = -0.085 + 0.044j$, $R = 84.00 + 7.52j$, $G_{norm} = 1.18 - 0.11j$
- 5.78 GHz, $S_{11} = 0.001 + 0.023j$, $R_2 = 100.06 + 4.51j$, $G_{2norm} = 1.00 - 0.04j$



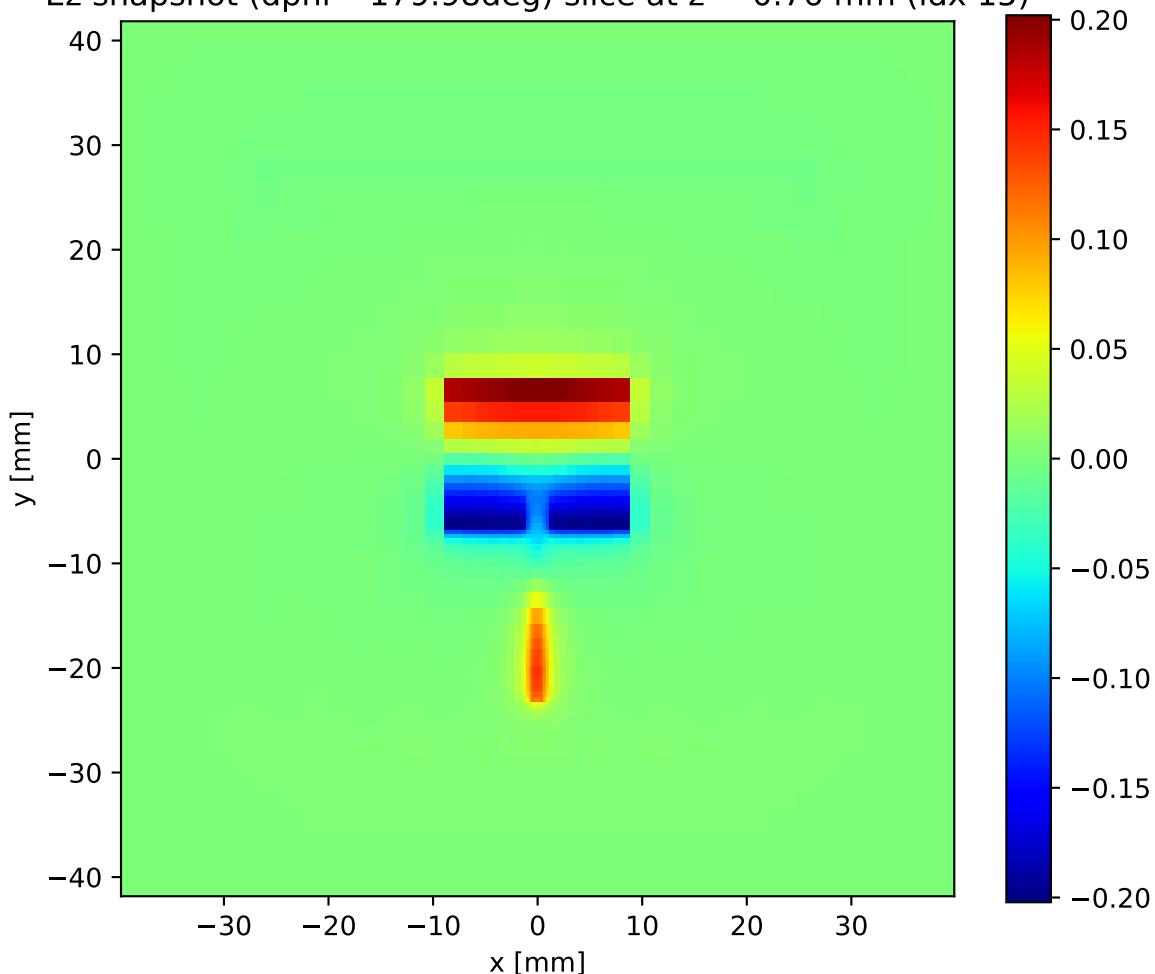
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



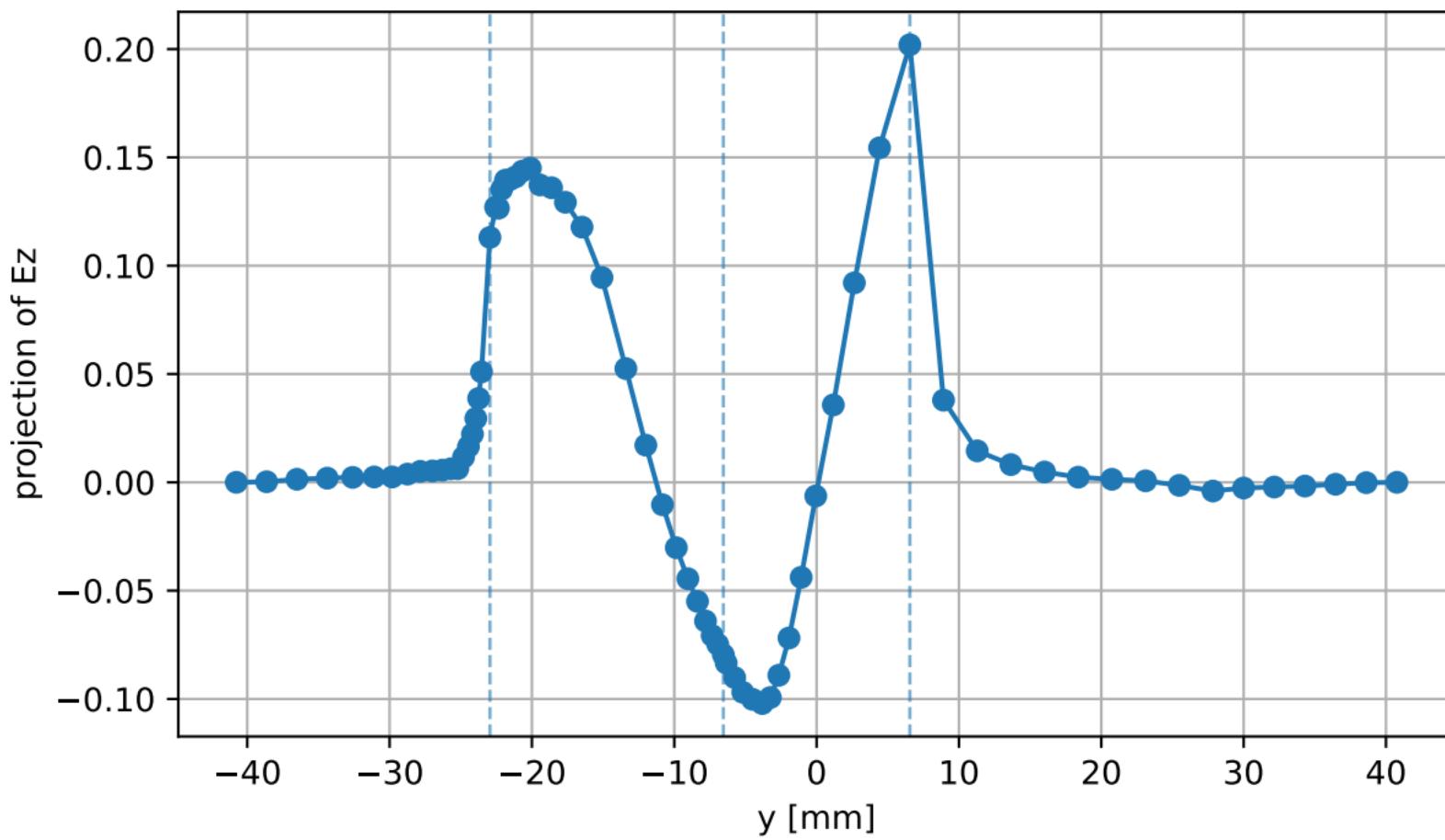
$|E_z|$ line cut along Y at $x=0.10$ mm, $z=0.76$ mm
(idx $x=27$, $z=15$)



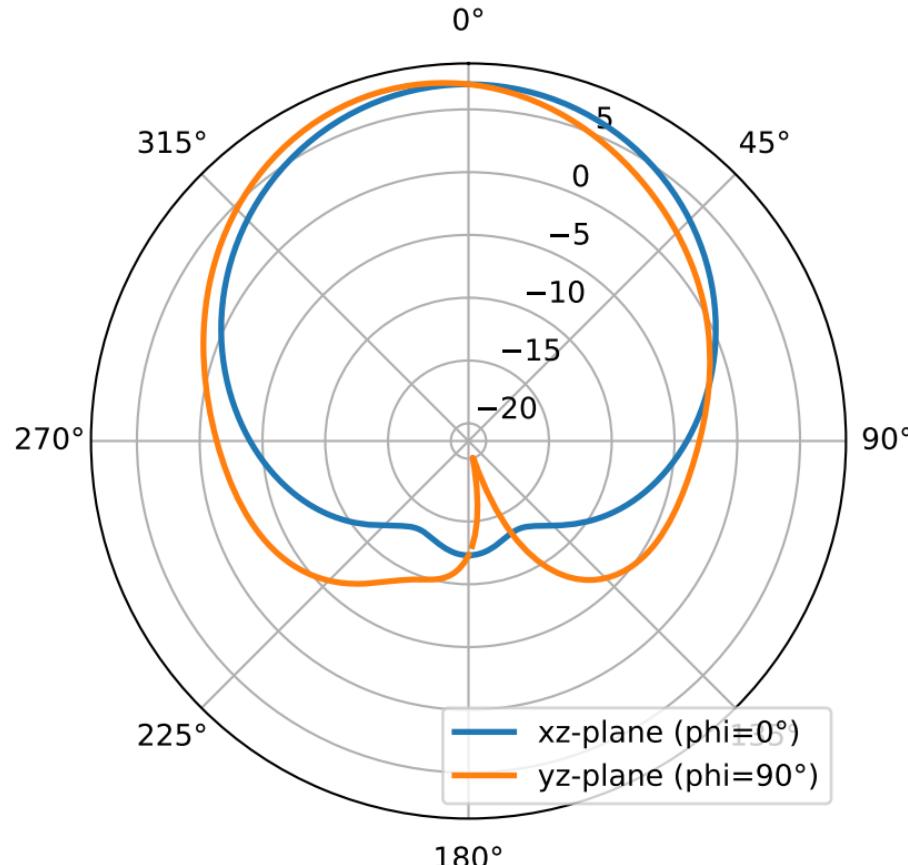
Ez snapshot (dphi=-179.98deg) slice at z = 0.76 mm (idx 15)



Ez snapshot (dphi=-179.98deg) line cut along Y at x=0.10 mm, z=0.76 mm
(idx x=27, z=15)

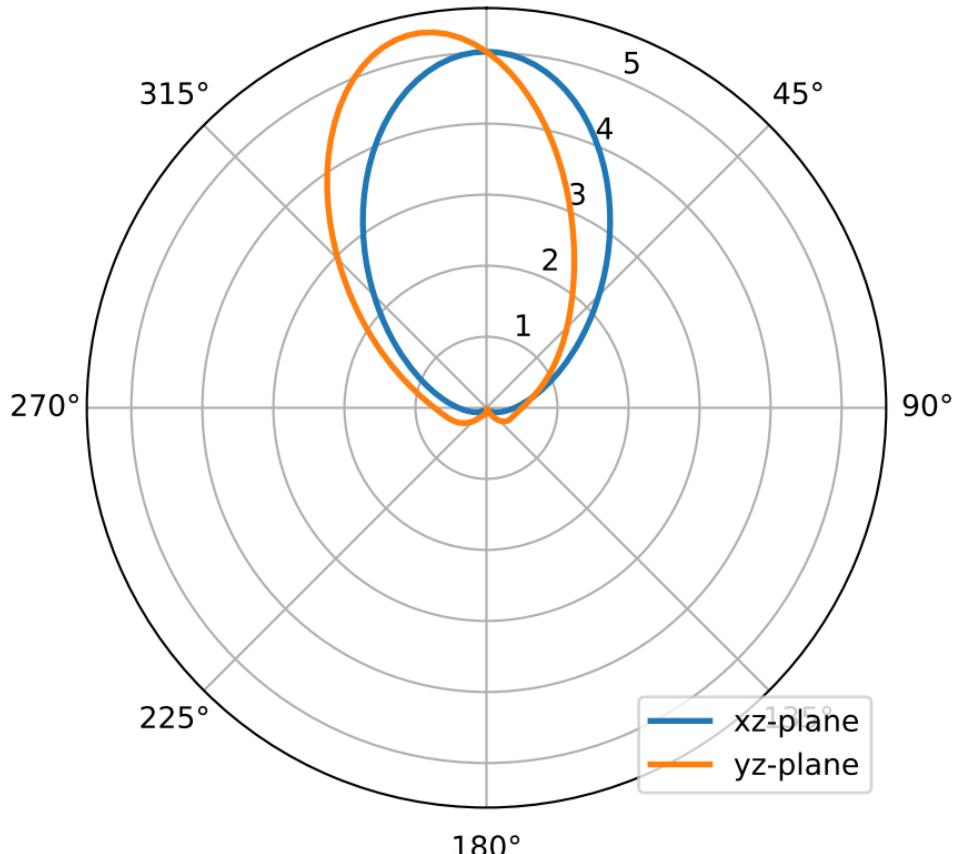


$f = 5.777 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 7.29 \text{ dB}$, nf2ff $D_{\max} = 7.29 \text{ dB}$

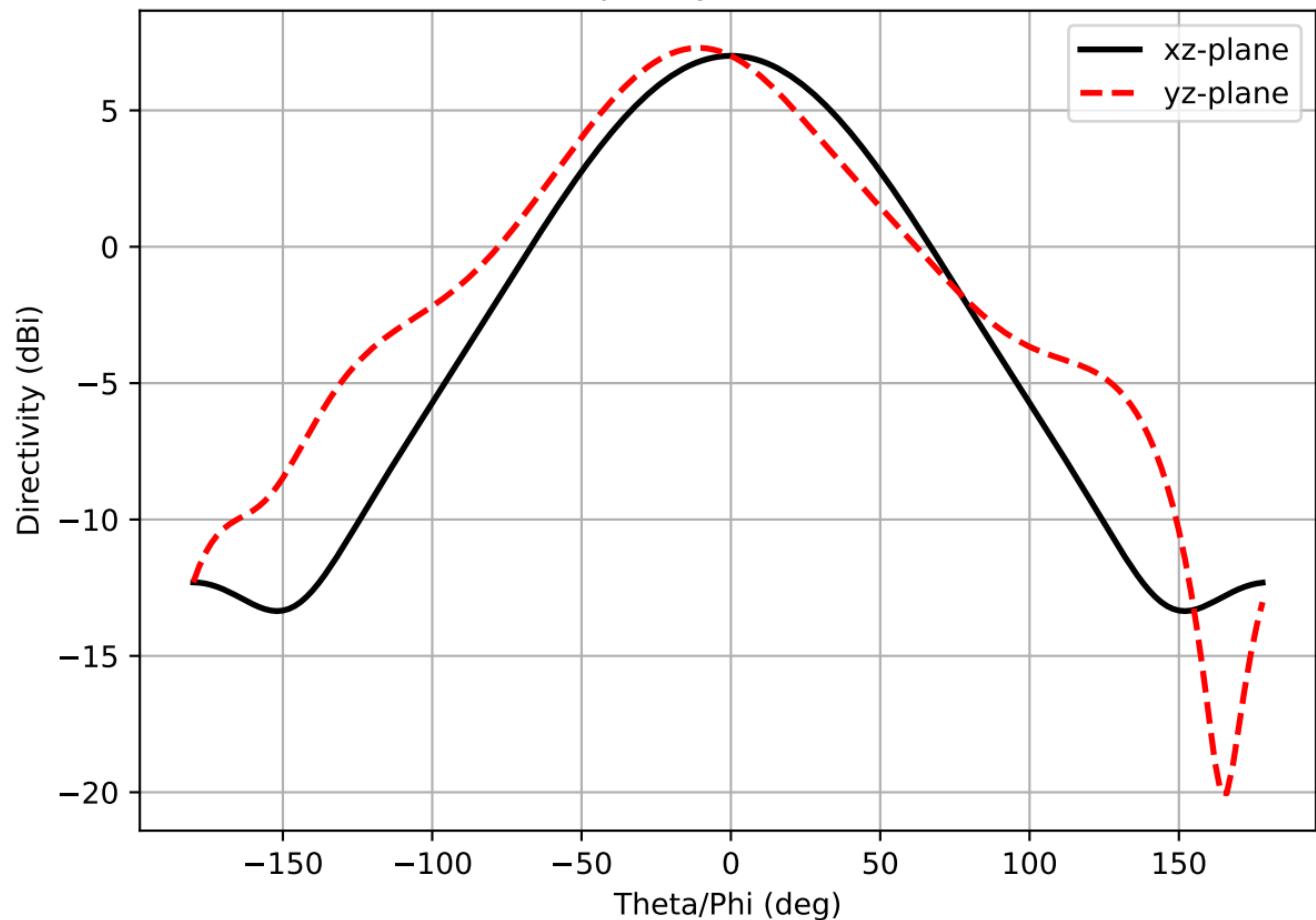


Frequency: 5.777 GHz — Directivity (linear). Dmax: 5.359

0°



Frequency: 5.777 GHz



3D Directivity Pattern
 $f = 5.777 \text{ GHz}$, $D_{\max} = 7.29 \text{ dBi}$

