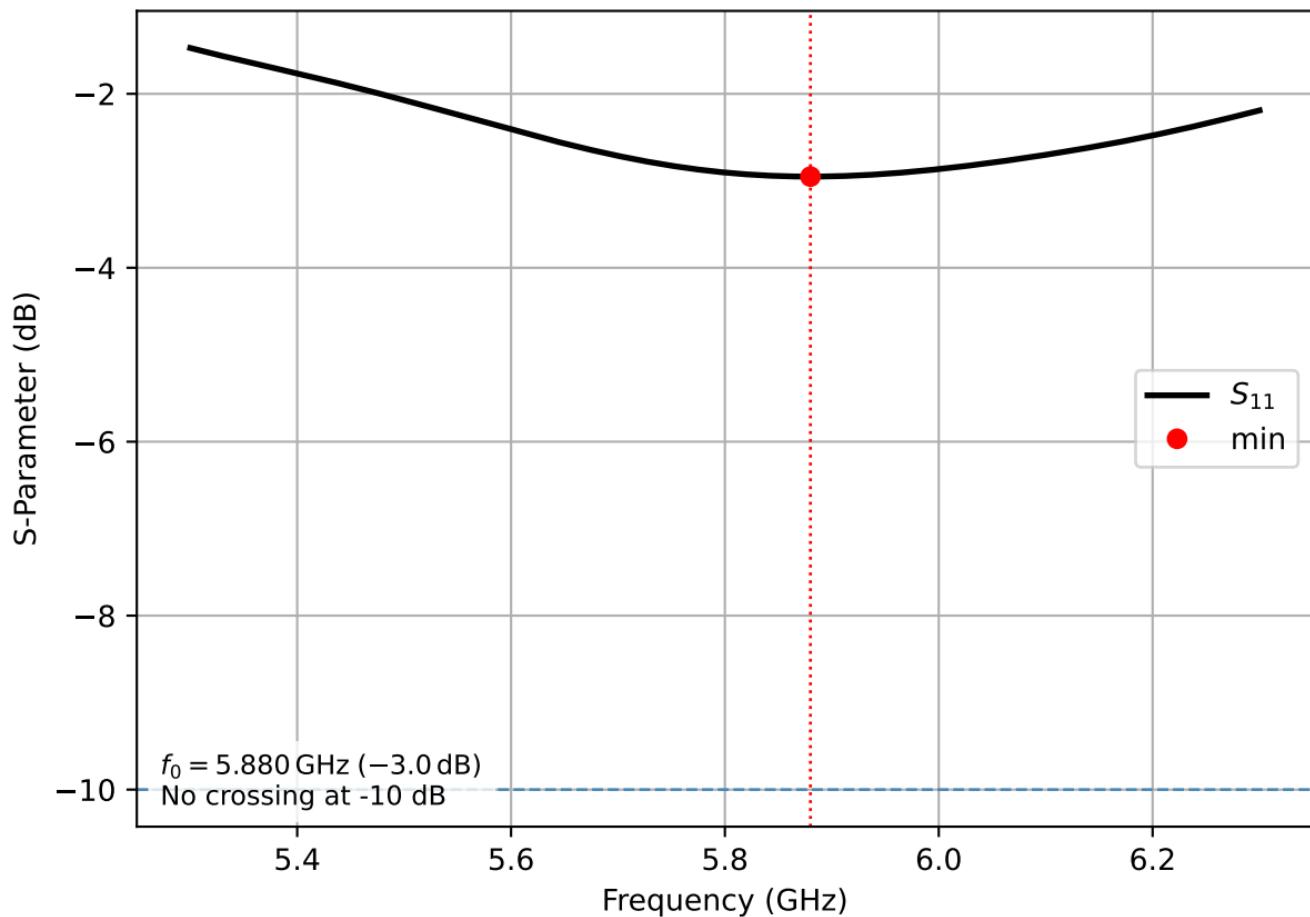
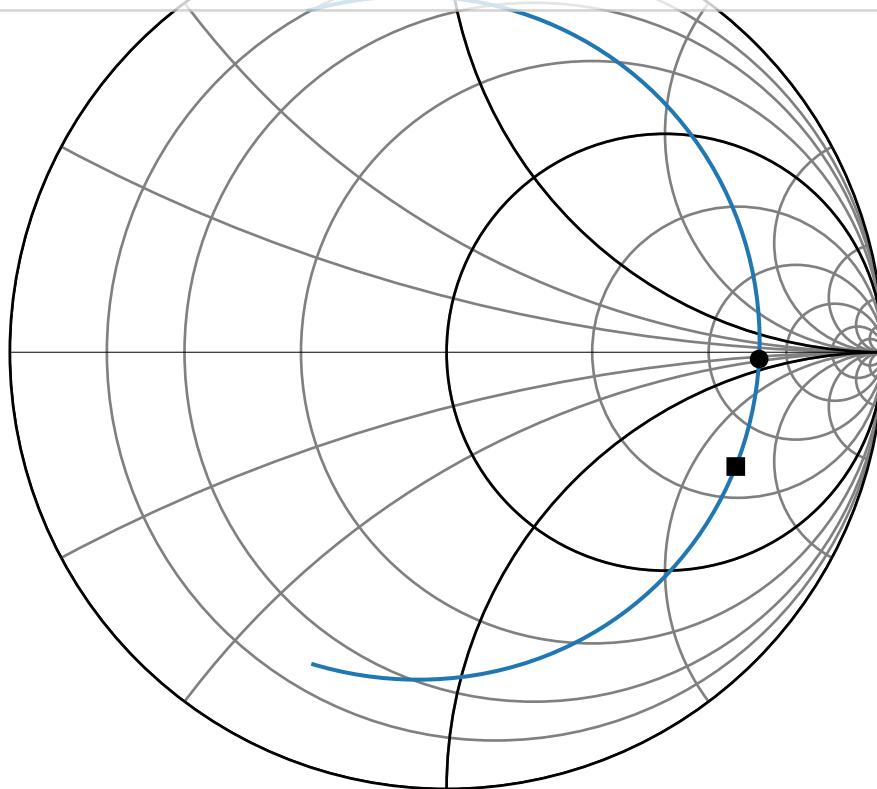


Reflection Coefficient S_{11}

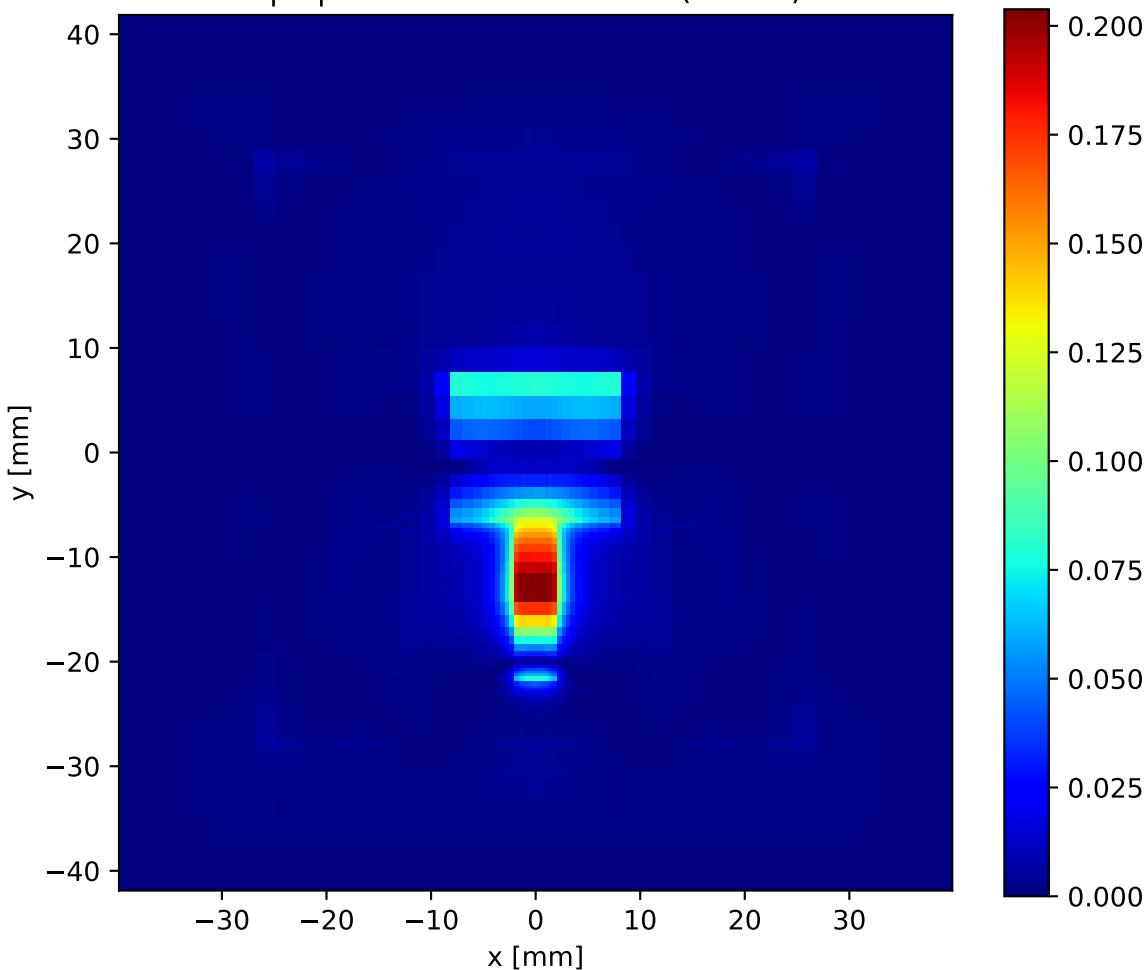


Smith Chart

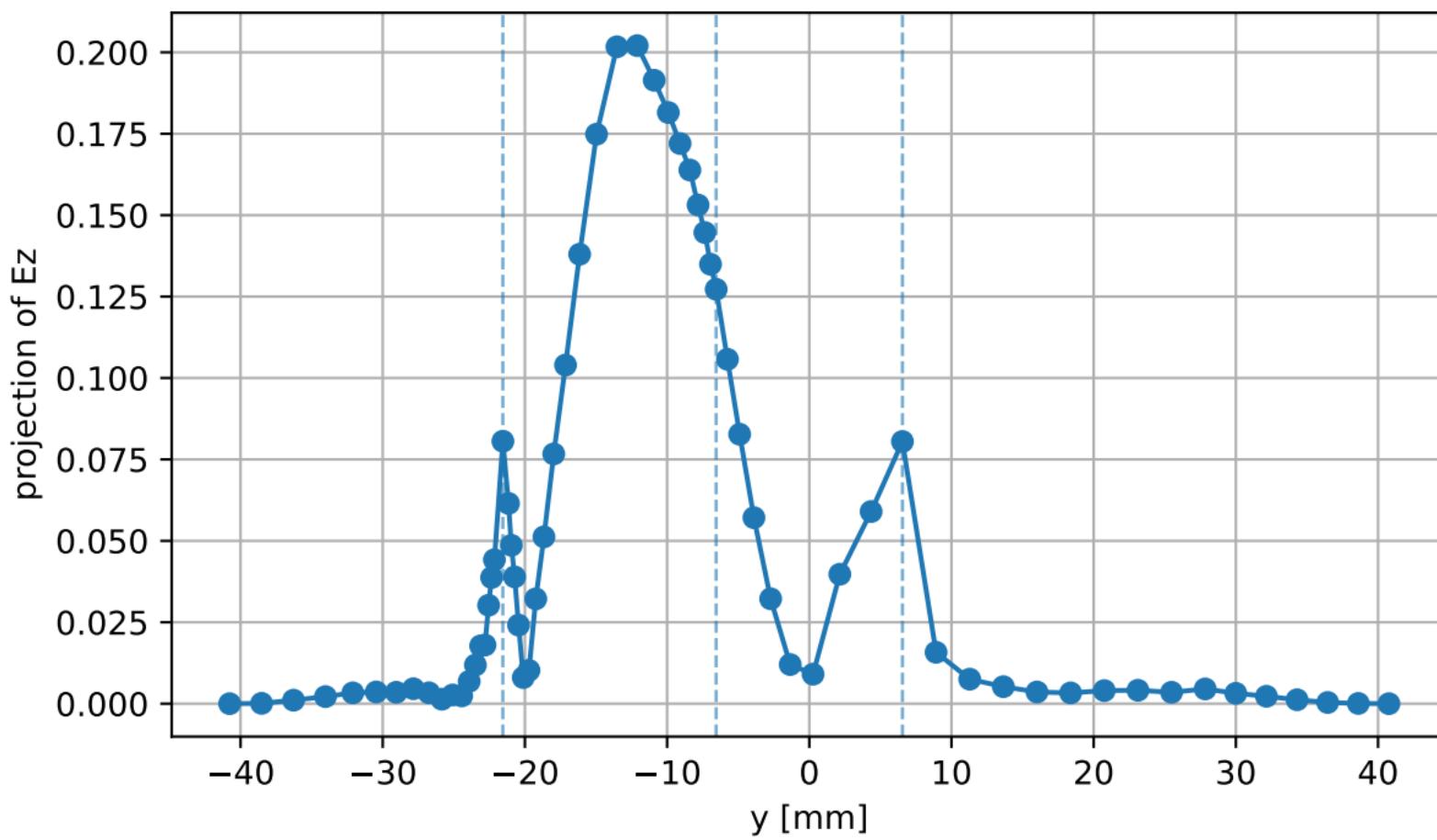
- S11 (Patch W=15.10 mm, L=13.10 mm)
- 5.80 GHz, $S_{11}=0.716-0.016j$, $R=300.50-19.25j$, $G_{norm}=0.17+0.01j$
- 5.88 GHz, $S_{11}=0.662-0.262j$, $R_2=135.00-143.24j$, $G_{2norm}=0.17+0.18j$



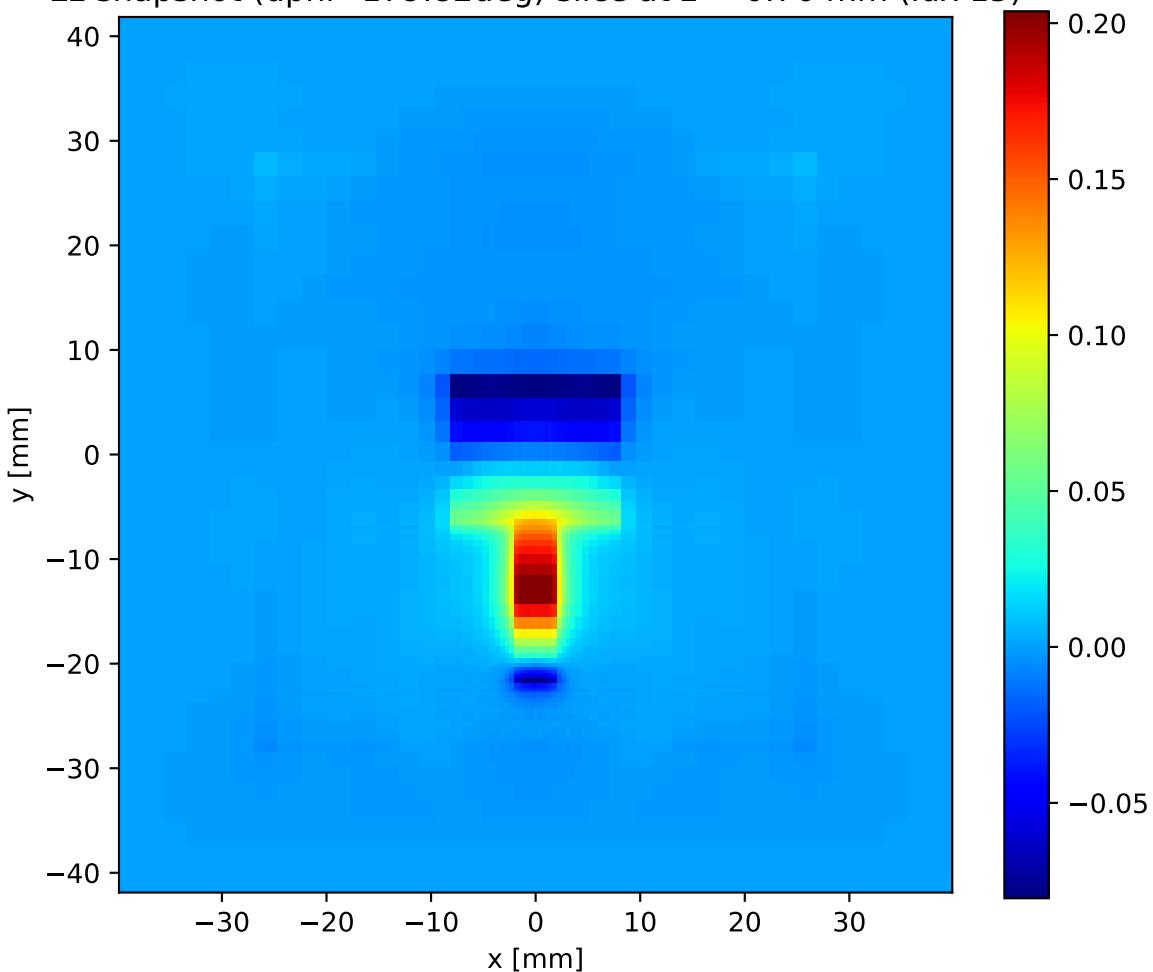
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



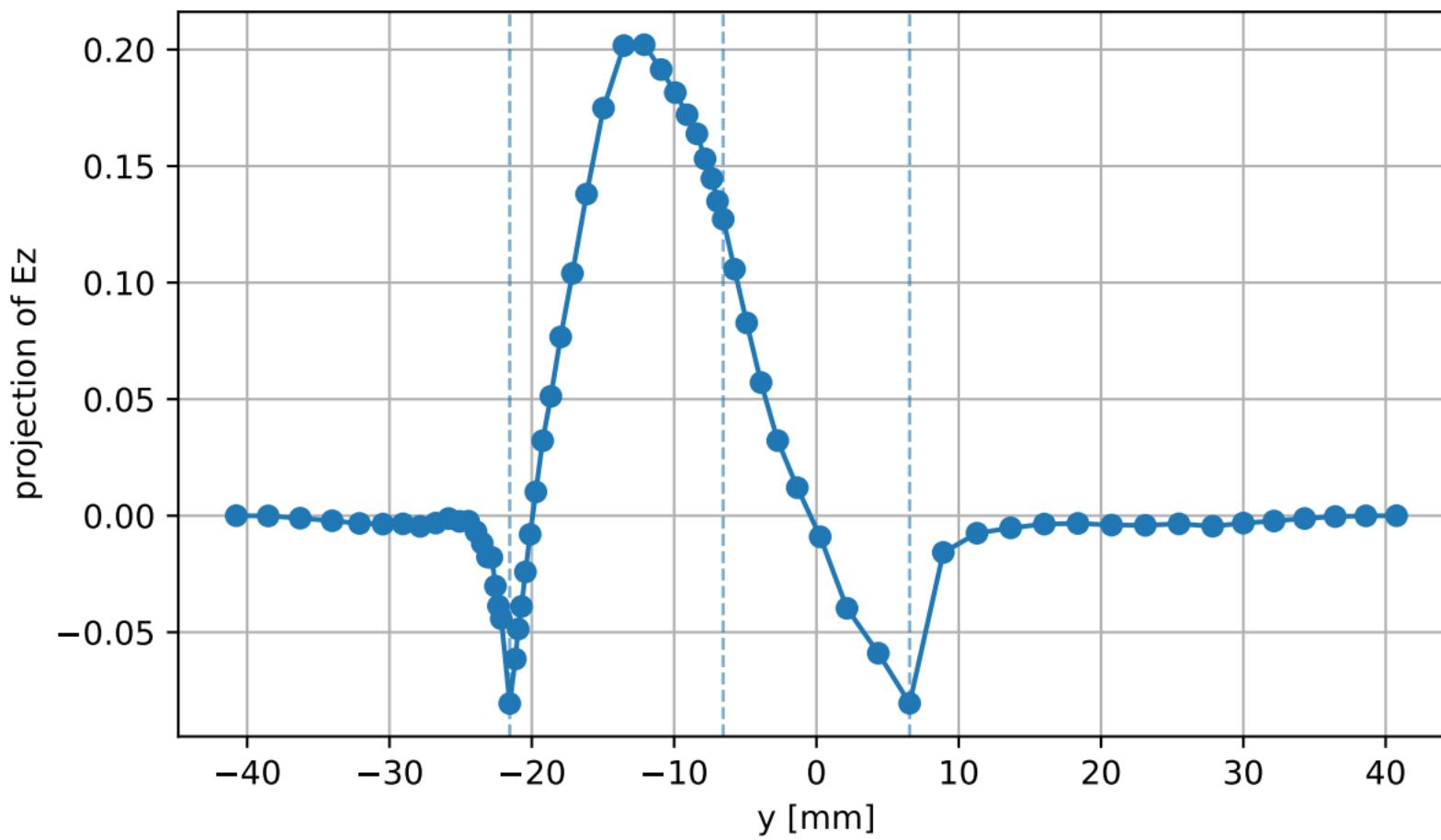
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=30$, $z=15$)



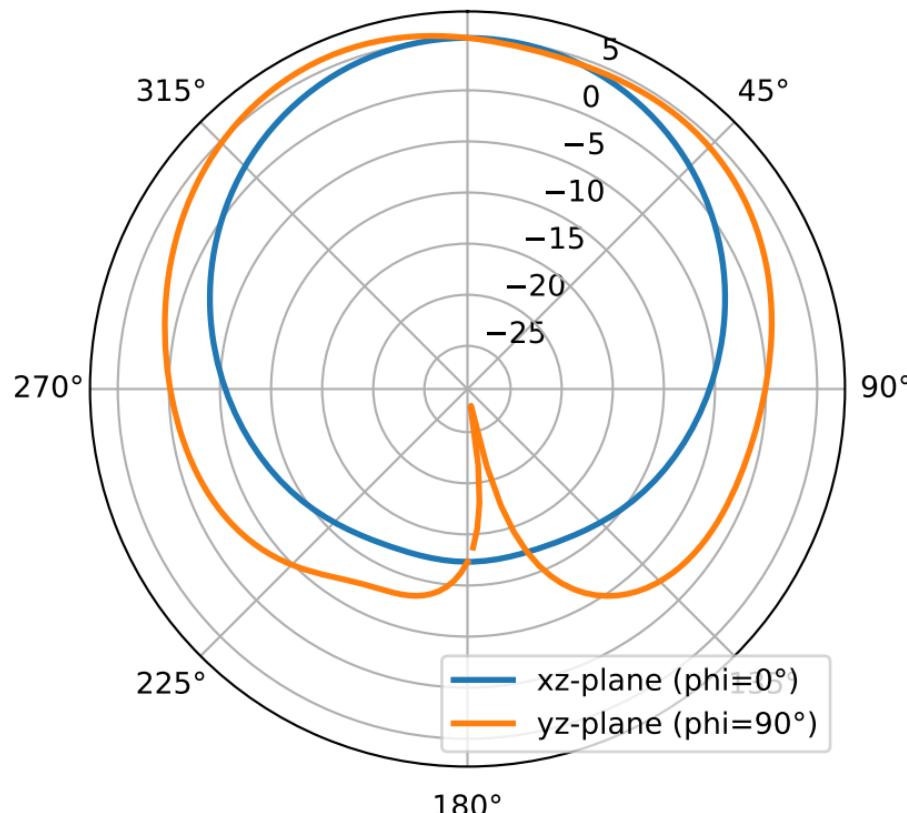
Ez snapshot (dphi=179.82deg) slice at z = 0.76 mm (idx 15)



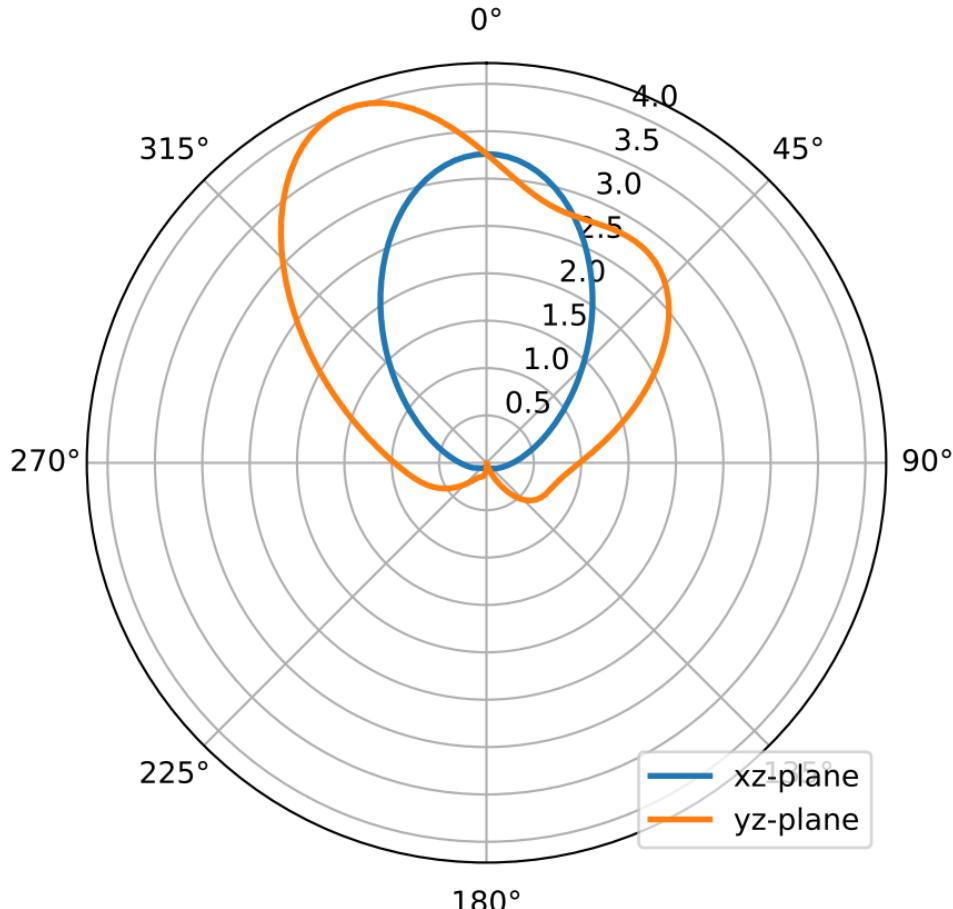
Ez snapshot (dphi=179.82deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=30, z=15)



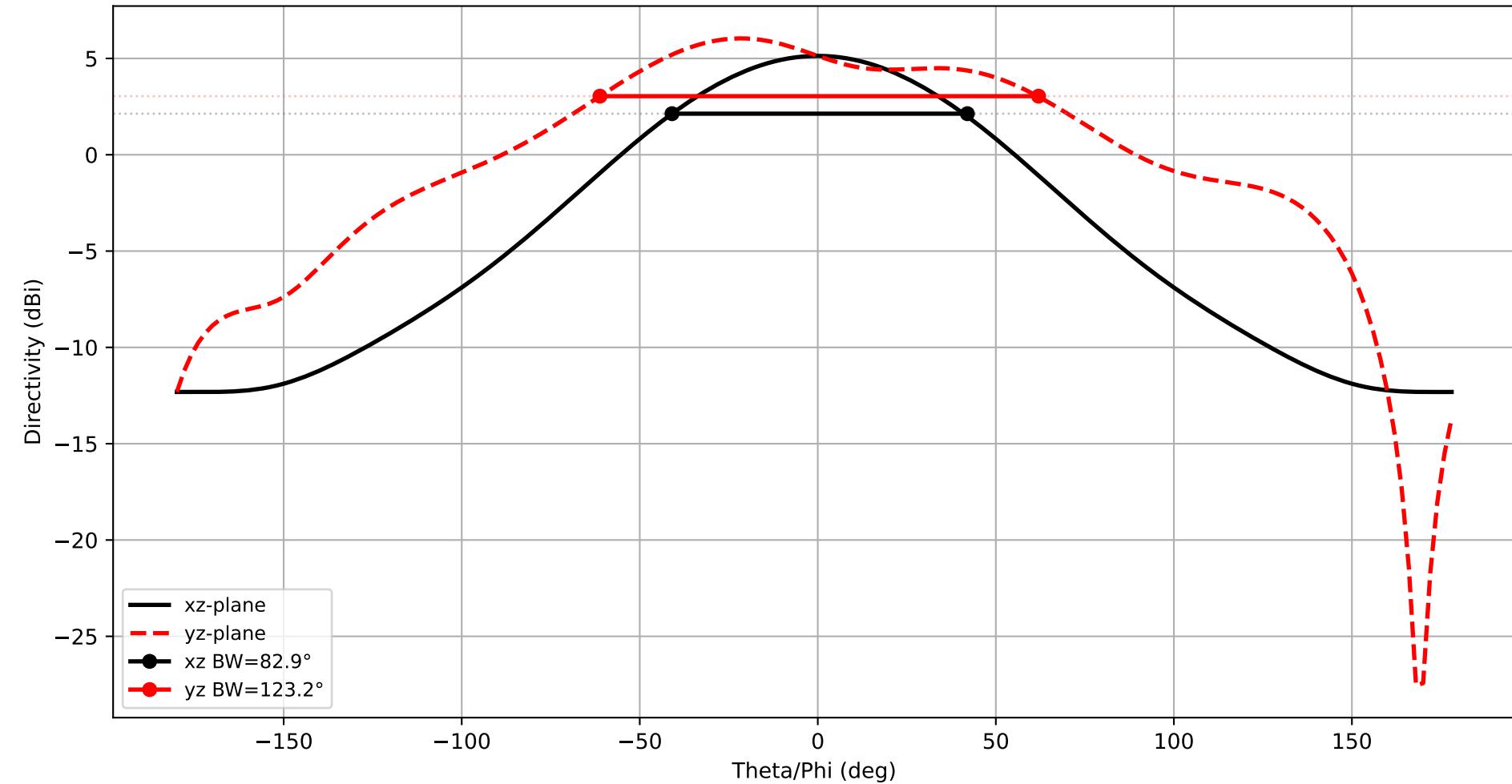
$f = 5.880 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 6.04 \text{ dB}$, nf2ff $D_{\max} = 6.04 \text{ dB}$



Frequency: 5.880 GHz — Directivity (linear). Dmax: 4.019



Frequency: 5.880 GHz
xz-plane: HPBW=82.9°
yz-plane: HPBW=123.2°



3D Directivity Pattern
 $f = 5.880 \text{ GHz}$, $D_{\max} = 6.03 \text{ dBi}$

