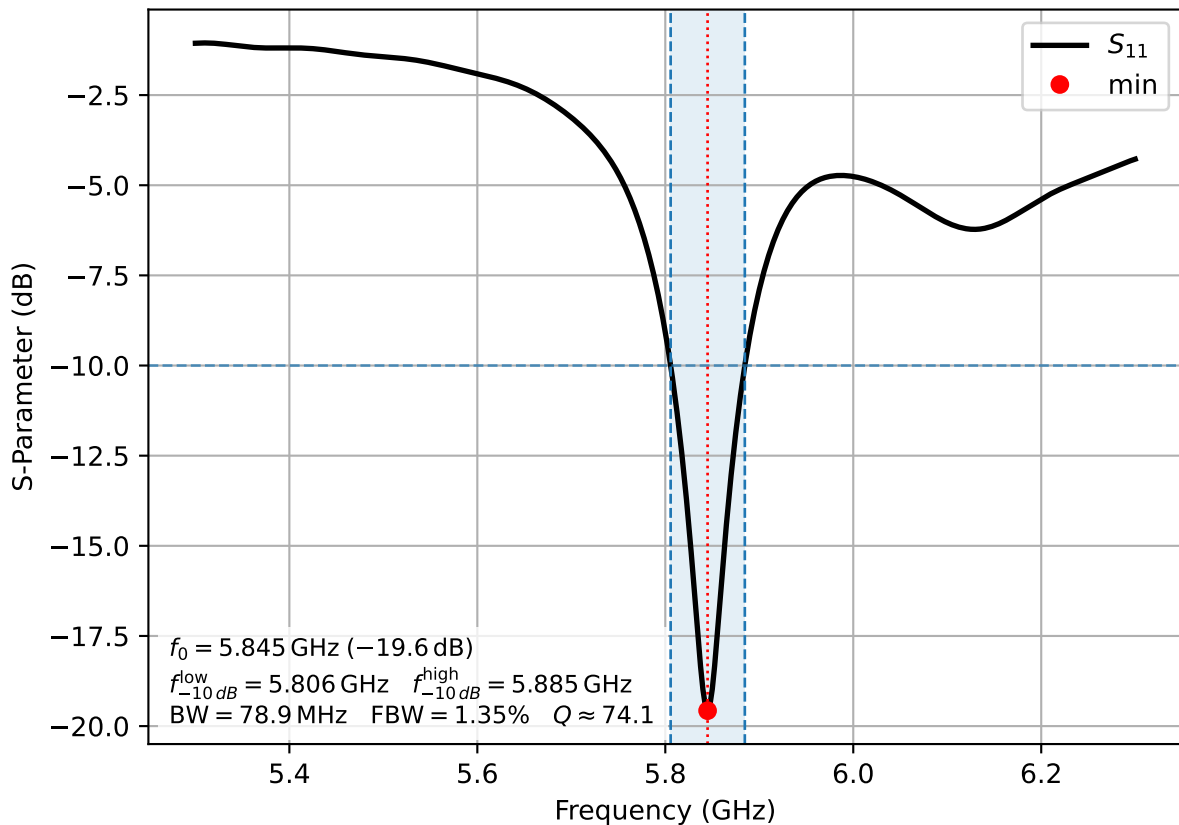
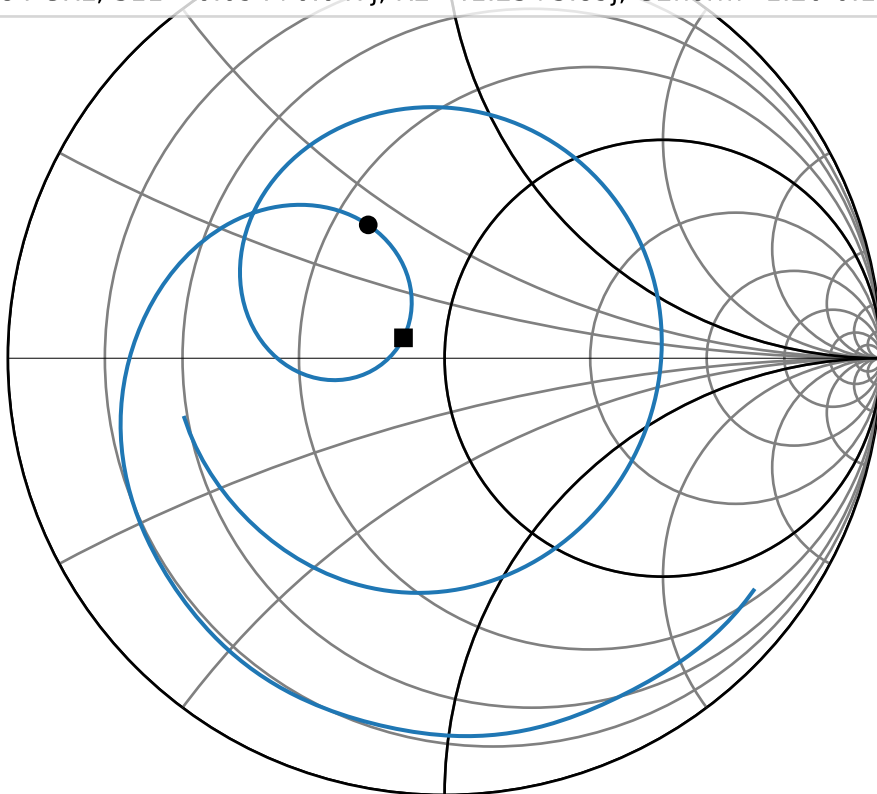


Reflection Coefficient S_{11}

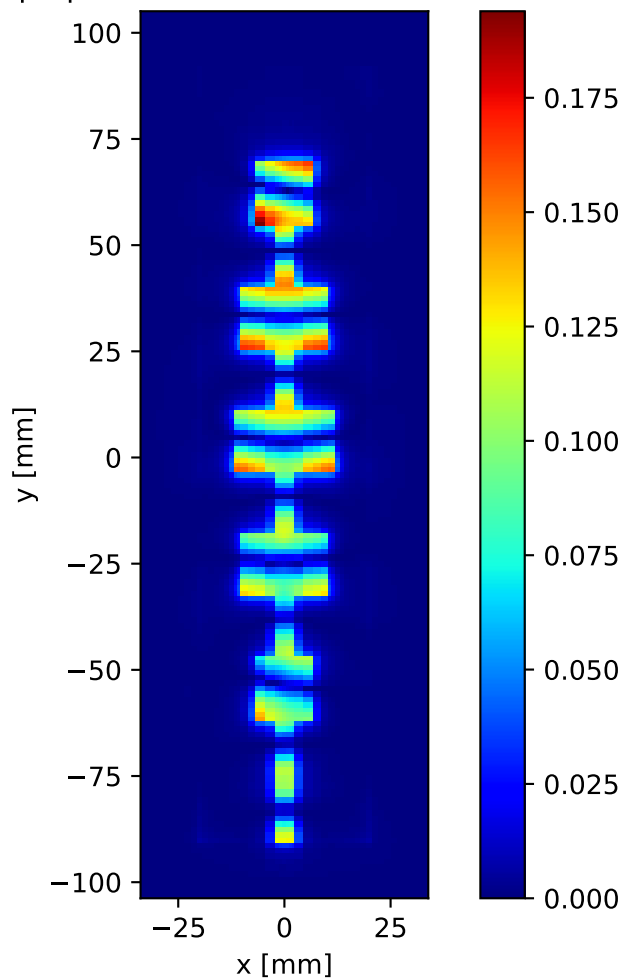


Smith Chart

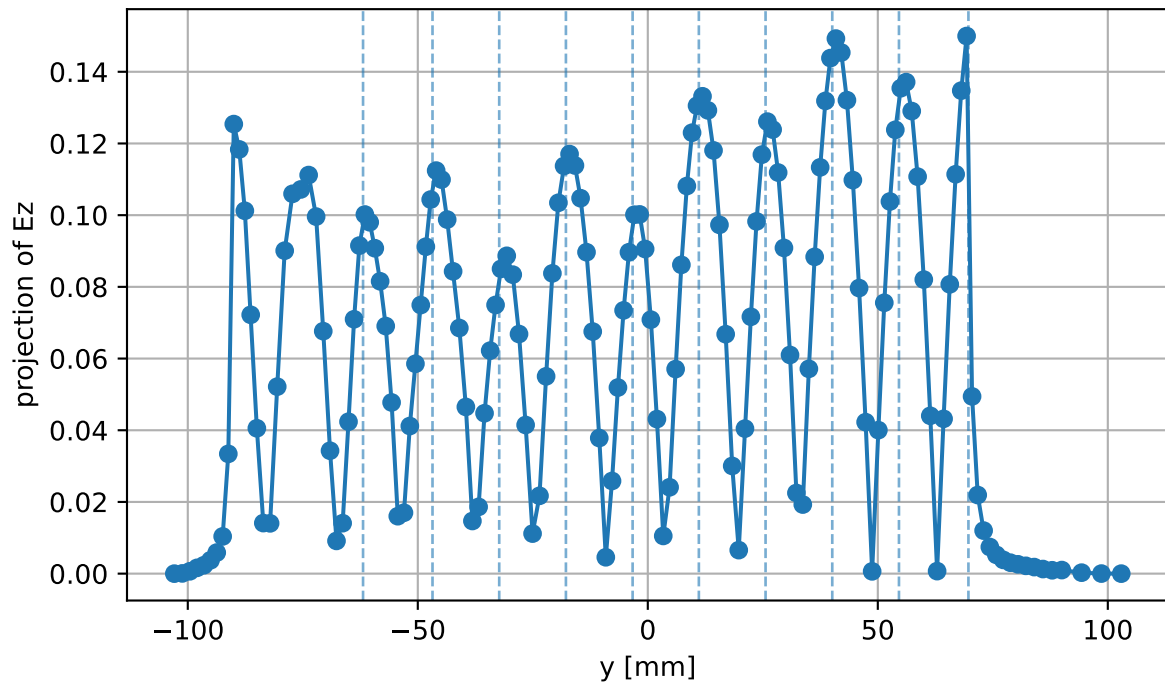
- S11 (Patch W=23.40 mm, L=14.40 mm)
- 5.80 GHz, S11=-0.175+0.305j, R=29.73+20.72j, Gnorm=1.13-0.79j
- 5.84 GHz, S11=-0.094+0.047j, R2=41.23+3.89j, G2norm=1.20-0.11j



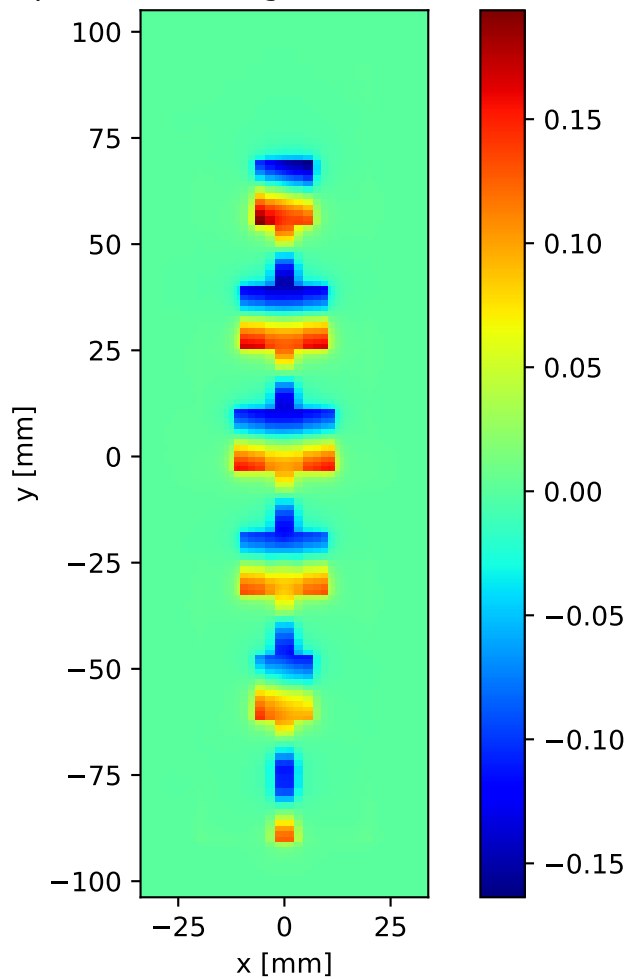
$|E_z|$ slice at $z = 0.76$ mm (idx 26)



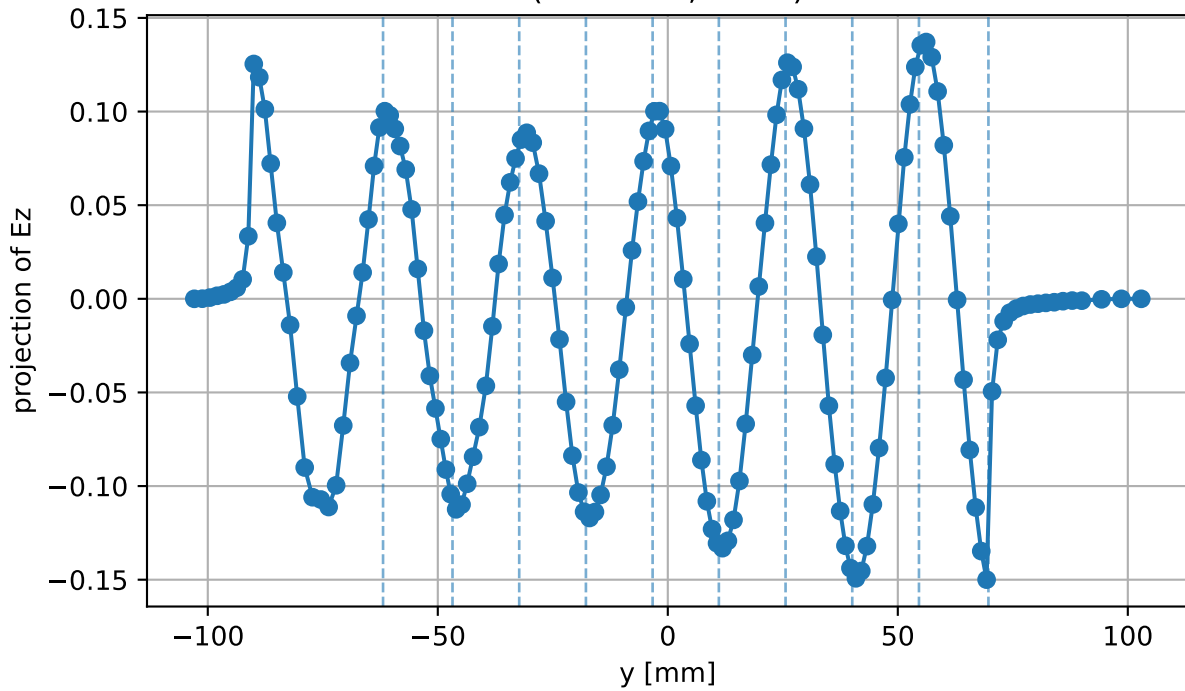
$|E_z|$ line cut along Y at $x=0.95$ mm, $z=0.76$ mm
(idx x=24, z=26)



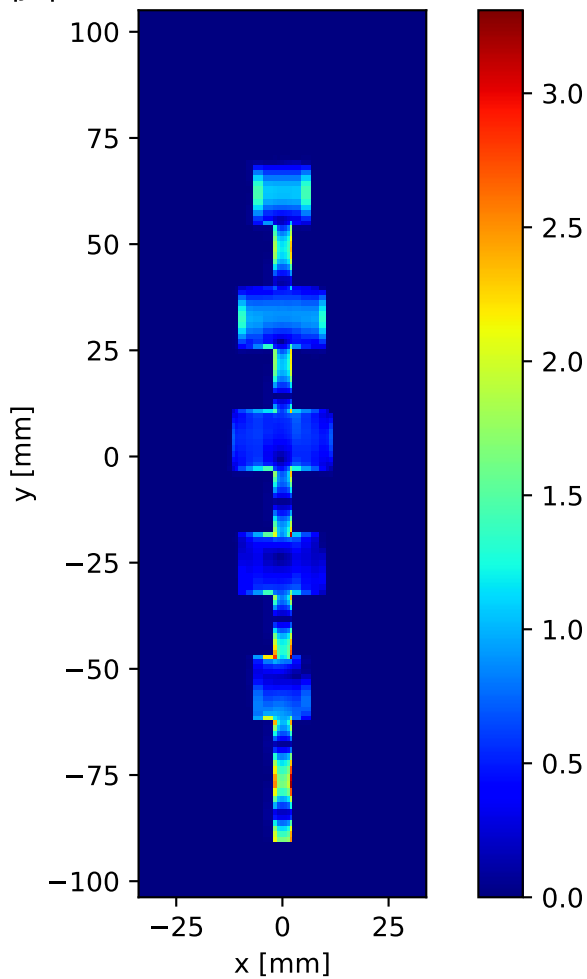
Ez snapshot (dphi=179.68deg) slice at $z = 0.76$ mm (idx 26)



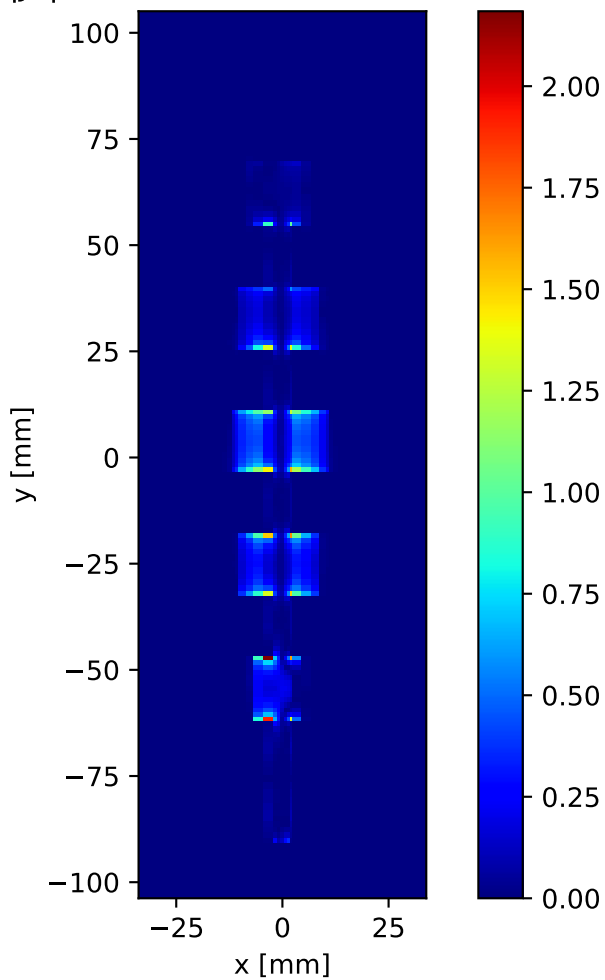
Ez snapshot (dphi=179.68deg) line cut along Y at x=0.95 mm, z=0.76 mm
(idx x=24, z=26)



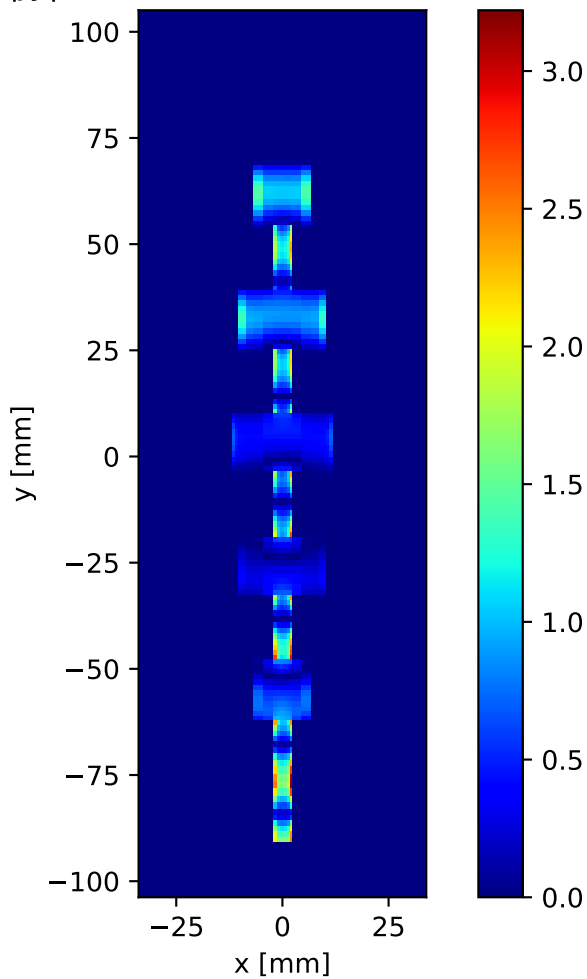
$|J_s|$ slice at $z = 1.524$ mm (idx 28)



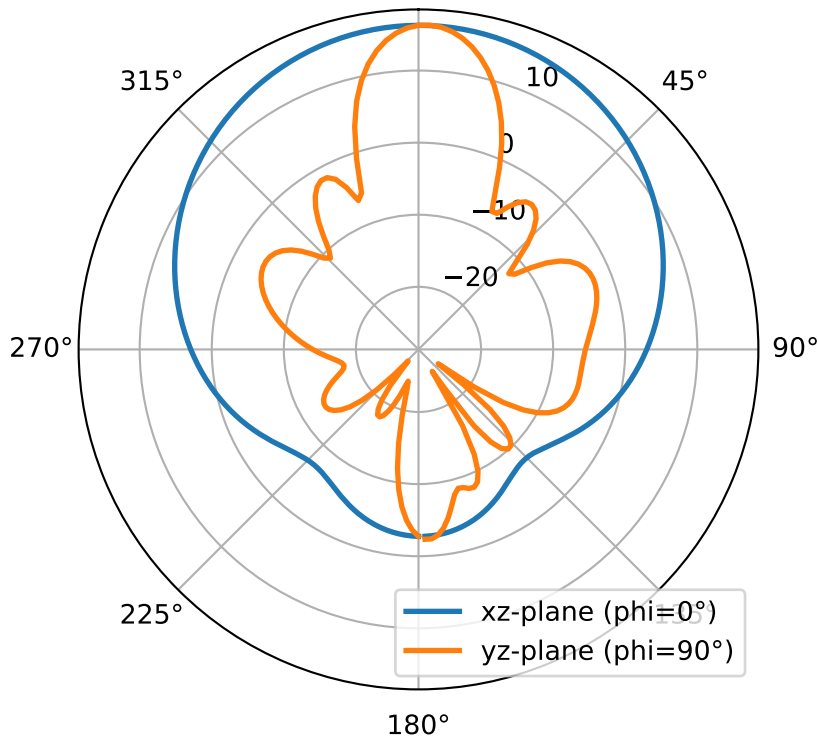
$|j_x|$ slice at $z = 1.524$ mm (idx 28)



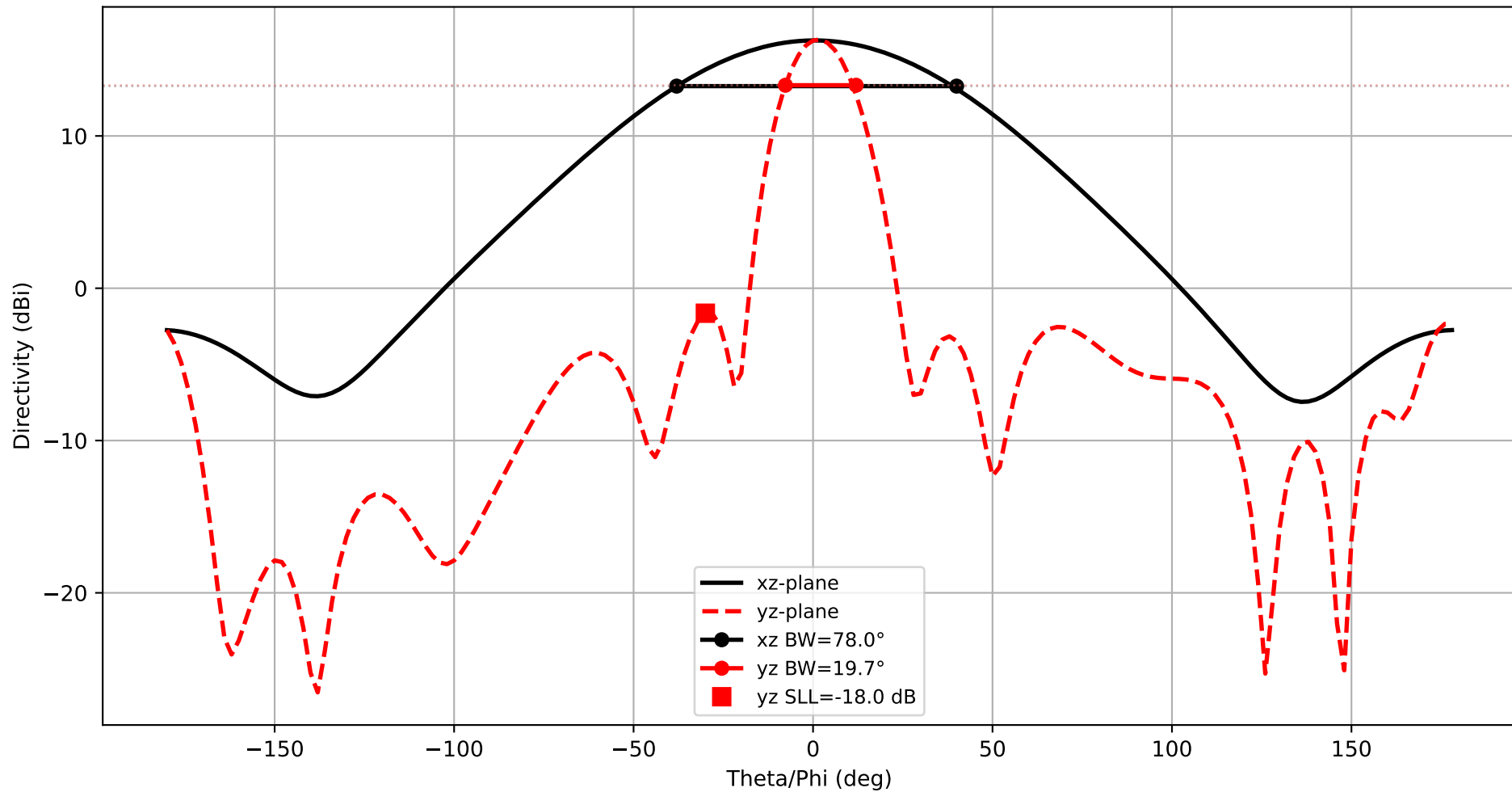
$|j_y|$ slice at $z = 1.524$ mm (idx 28)



$f = 5.800 \text{ GHz}$ — Directivity (dB)
 $D_{\text{max}} (\text{integrated}) \approx 16.33 \text{ dB}$, $\text{nf2ff } D_{\text{max}} = 16.33 \text{ dB}$



Frequency: 5.800 GHz
xz-plane: HPBW=78.0°
yz-plane: HPBW=19.7°



3D Directivity Pattern
 $f = 5.800$ GHz, $D_{\max} = 16.30$ dBi

