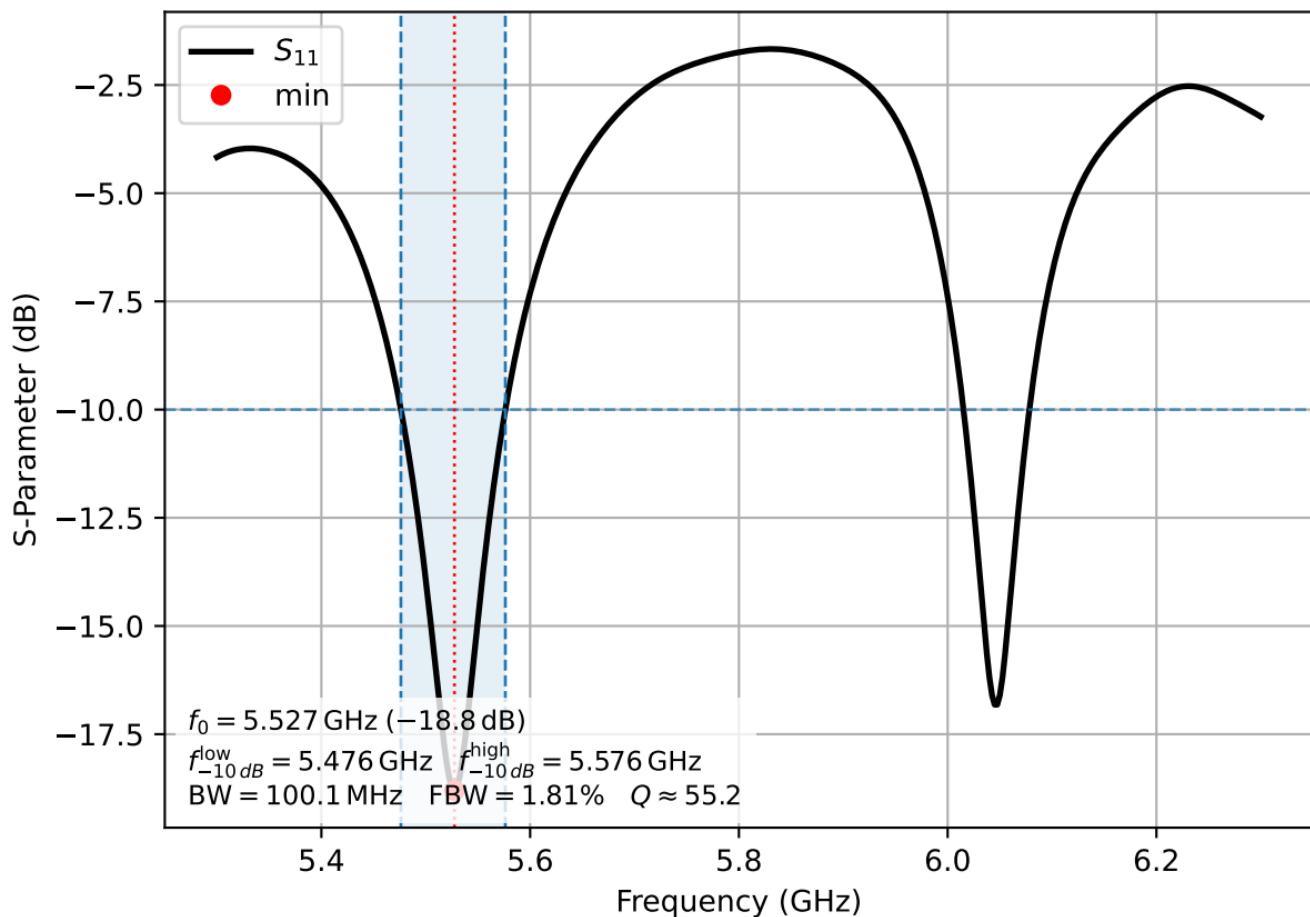
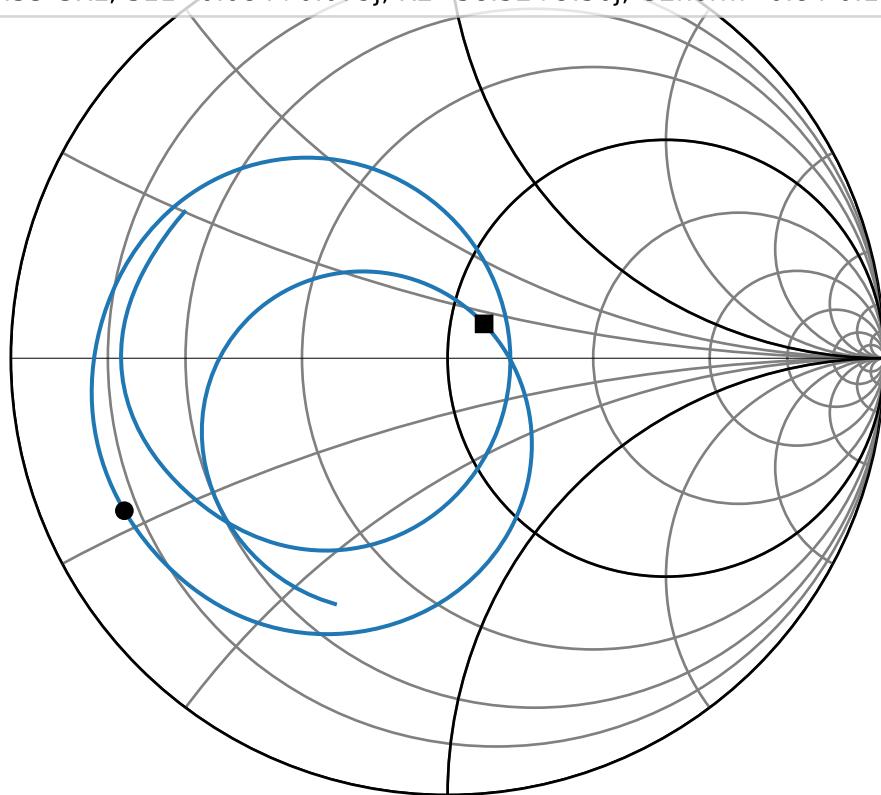


Reflection Coefficient S_{11}

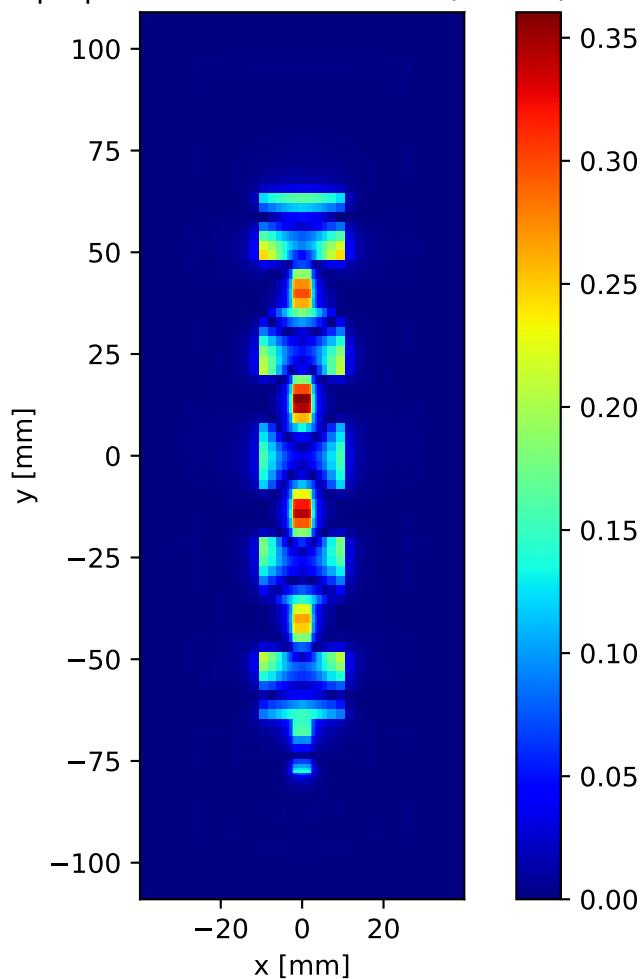


Smith Chart

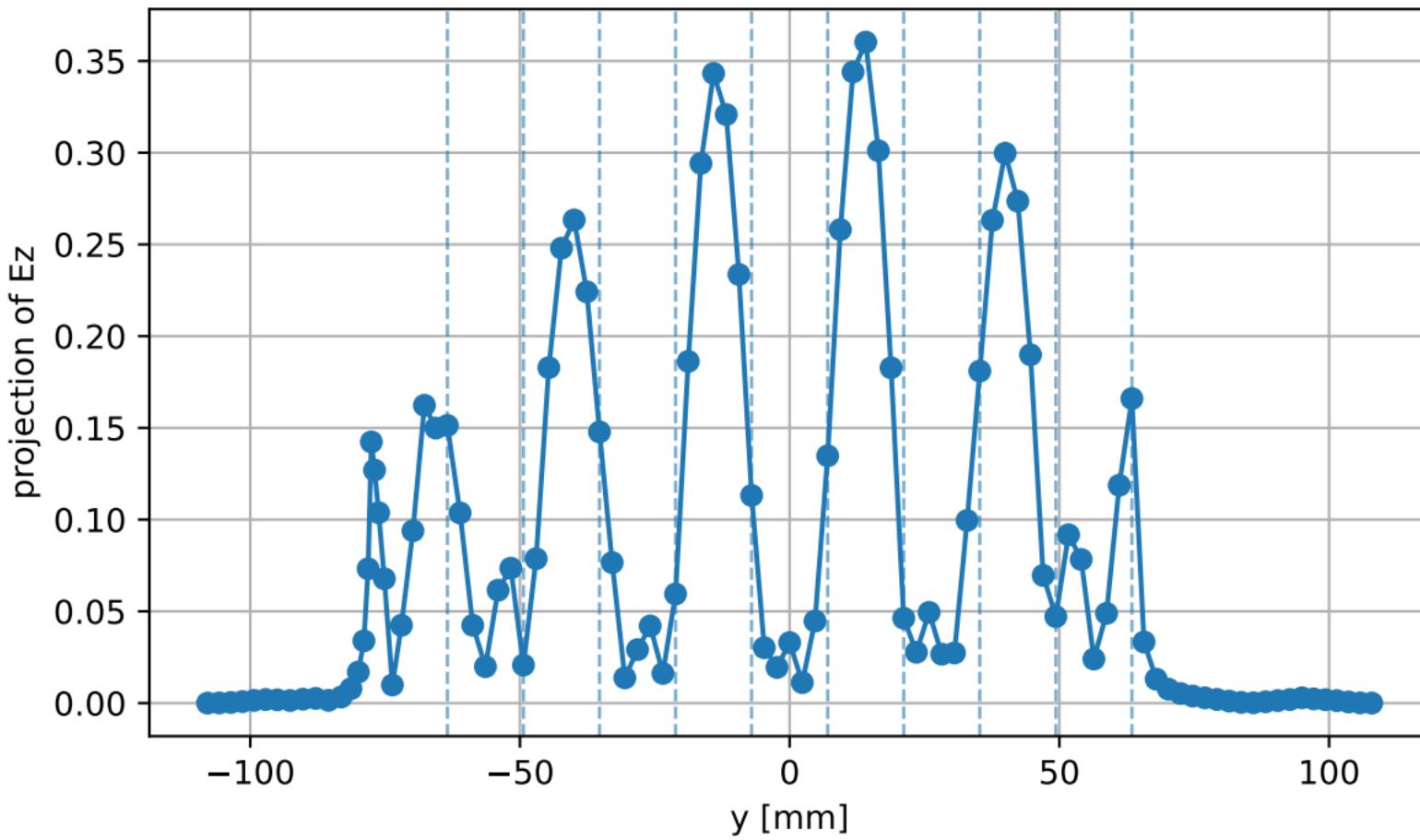
- S11 (Patch W=19.00 mm, L=14.10 mm)
- 5.80 GHz, $S_{11}=-0.740-0.349j$, $R=5.25-11.08j$, $G_{norm}=1.74+3.68j$
- 5.53 GHz, $S_{11}=0.084+0.079j$, $R=58.32+9.30j$, $G2_{norm}=0.84-0.13j$



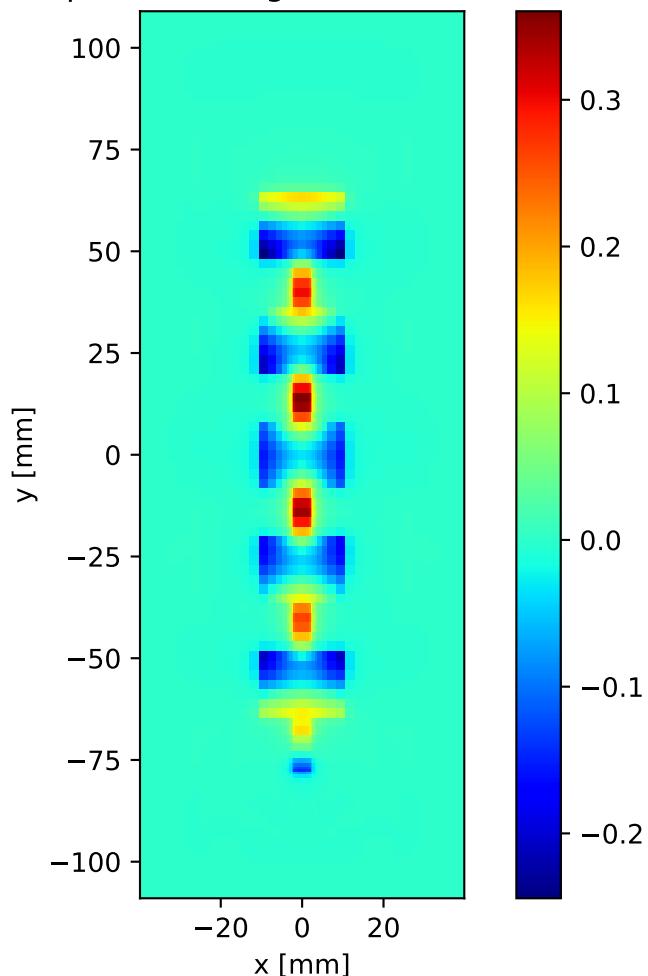
$|E_z|$ slice at $z = 0.76$ mm (idx 13)



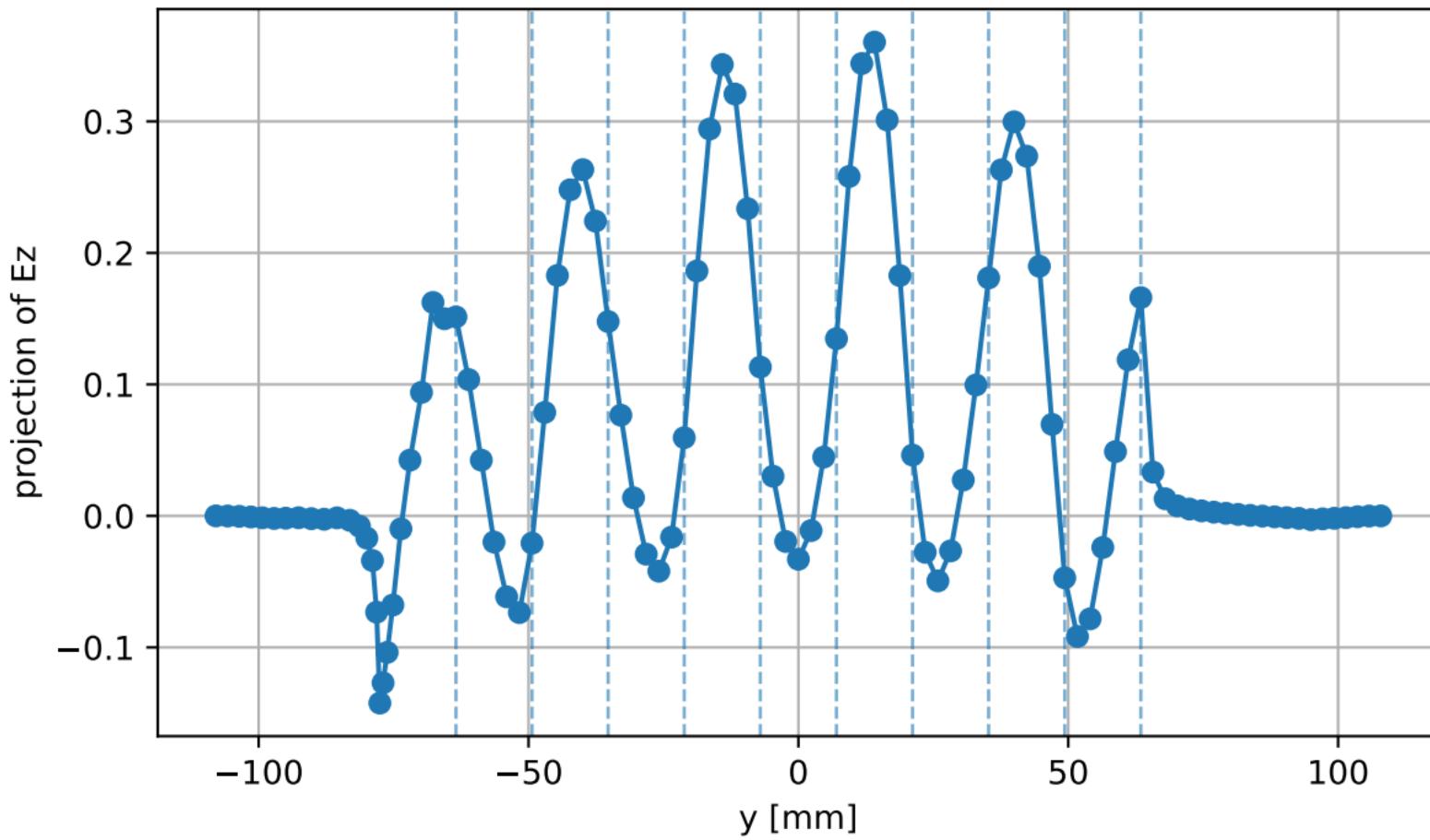
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=22$, $z=13$)



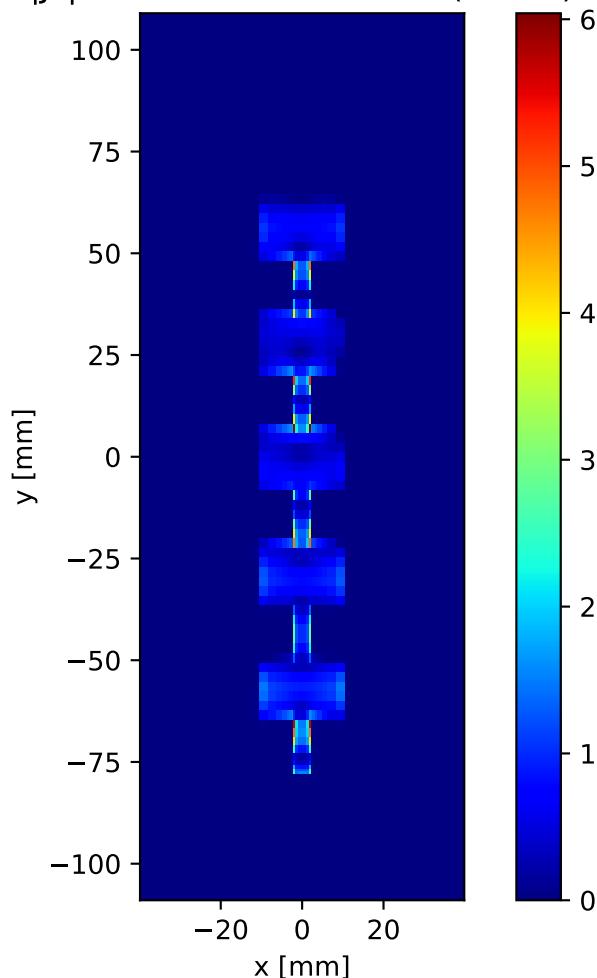
Ez snapshot (dphi=-0.25deg) slice at z = 0.76 mm (idx 13)



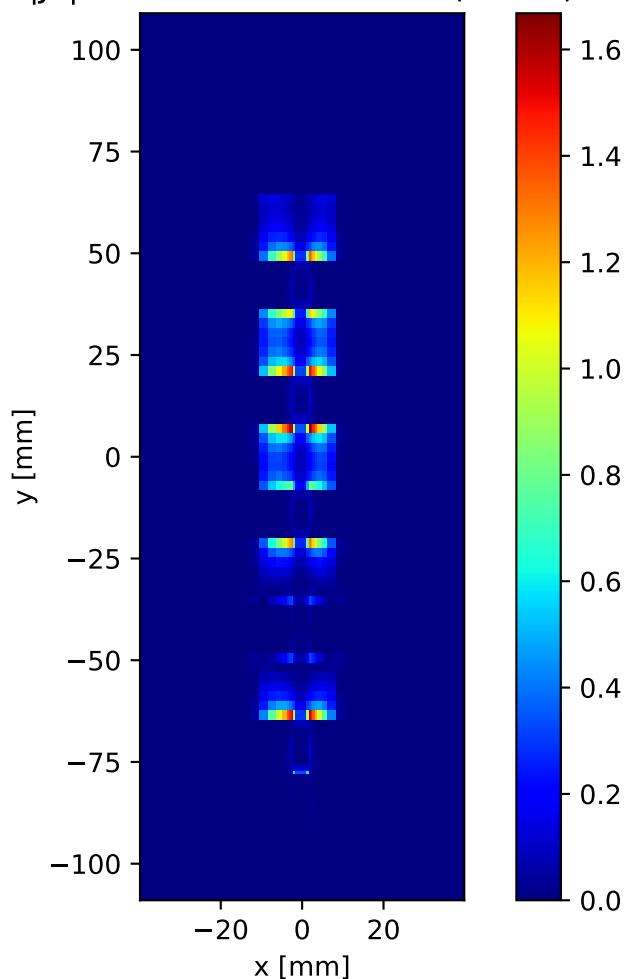
Ez snapshot (dphi=-0.25deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=22, z=13)



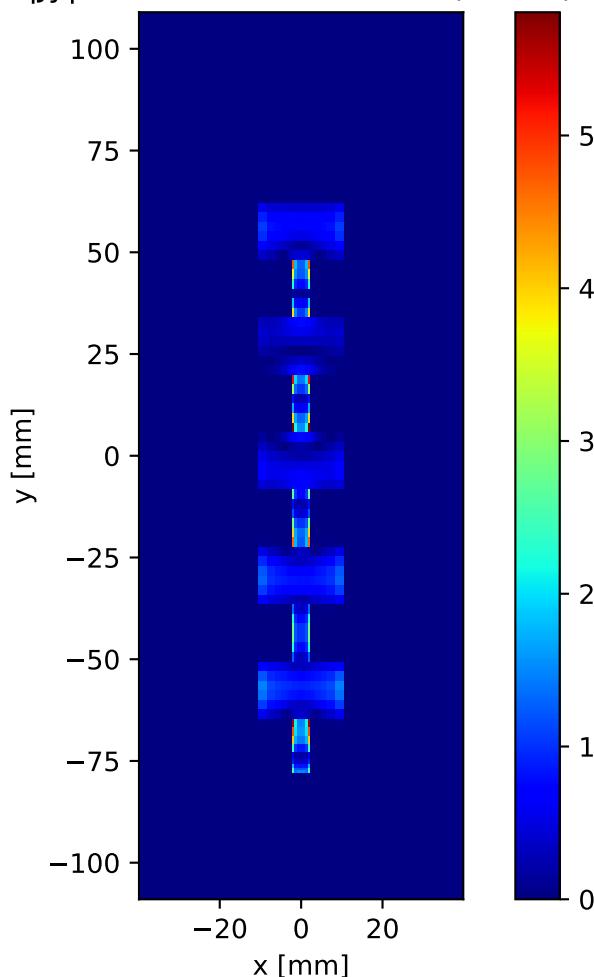
$|J_s|$ slice at $z = 1.524$ mm (idx 15)



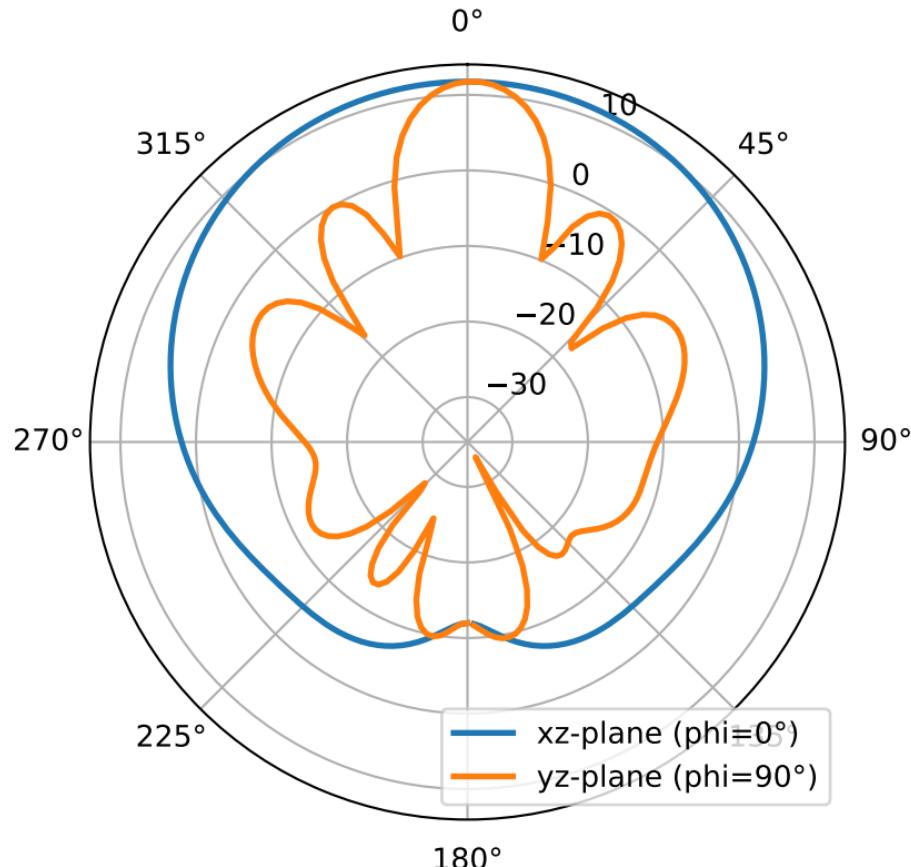
$|J_x|$ slice at $z = 1.524$ mm (idx 15)



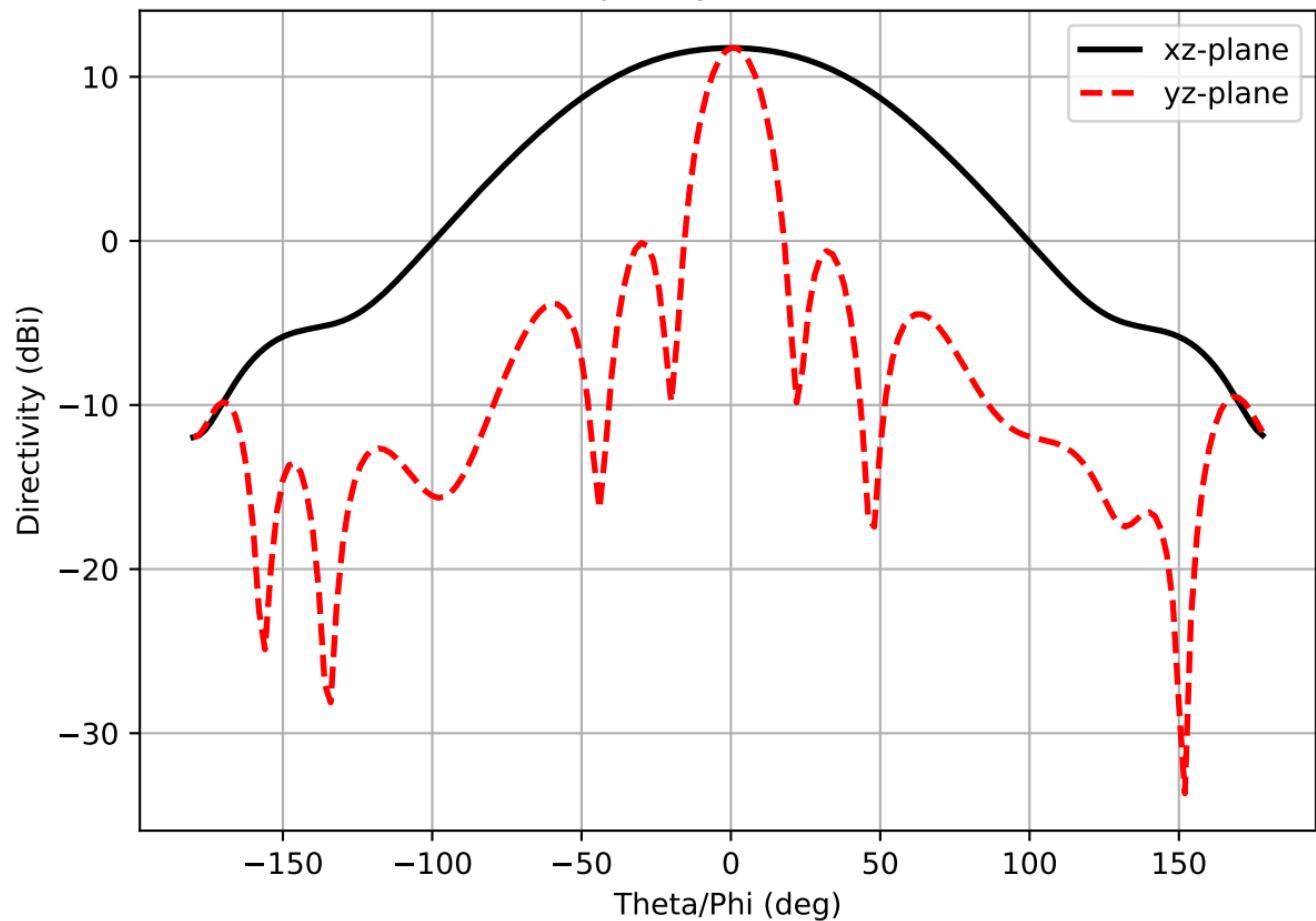
$|j_y|$ slice at $z = 1.524$ mm (idx 15)



$f = 5.800 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 11.76 \text{ dB}$, nf2ff $D_{\max} = 11.76 \text{ dB}$



Frequency: 5.800 GHz



3D Directivity Pattern
 $f = 5.800 \text{ GHz}$, $D_{\max} = 11.76 \text{ dBi}$

