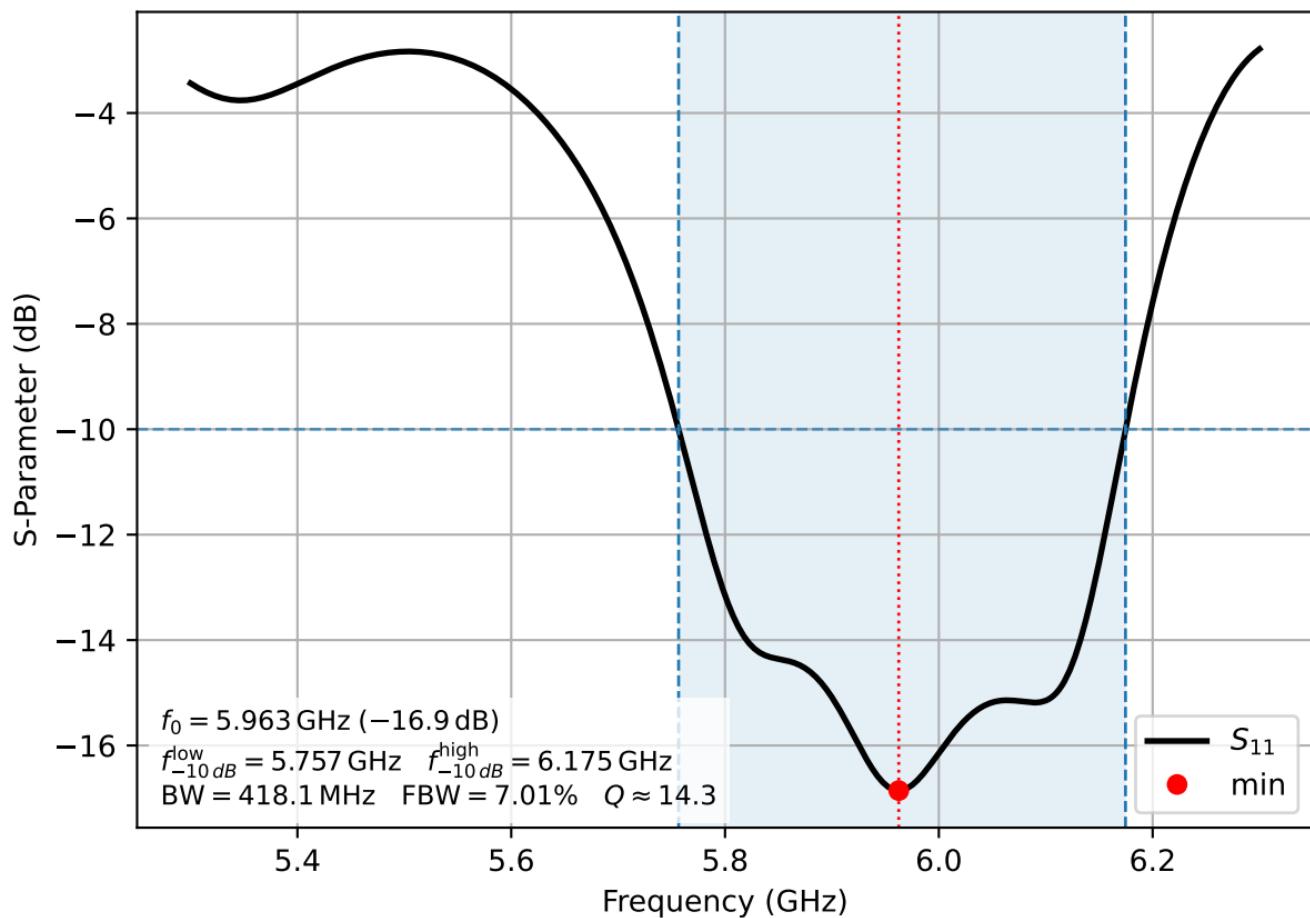
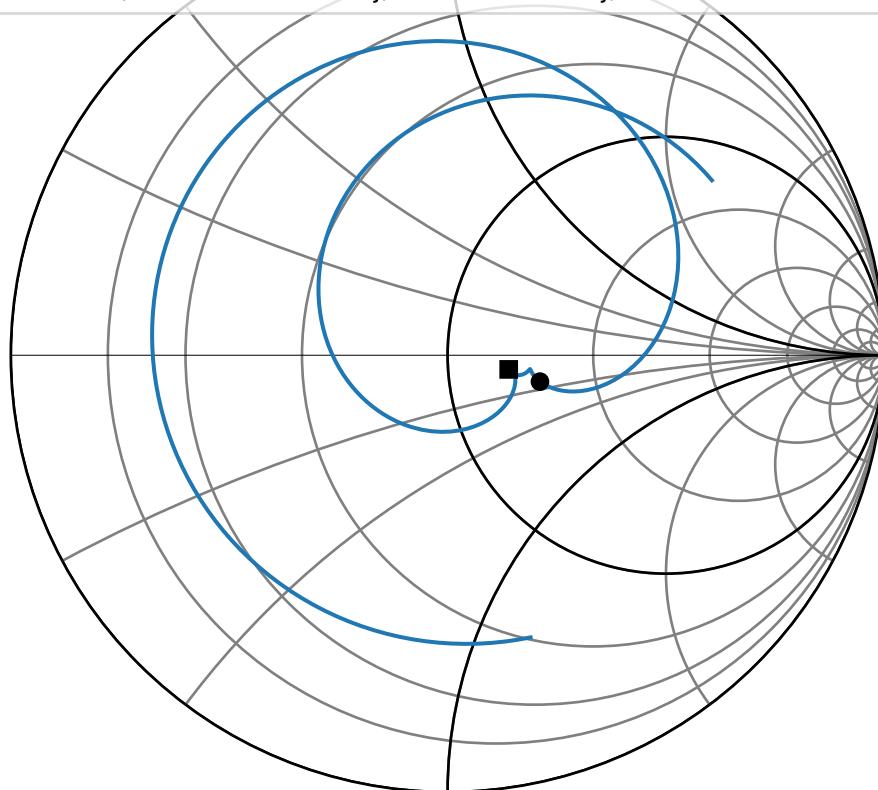


Reflection Coefficient S_{11}

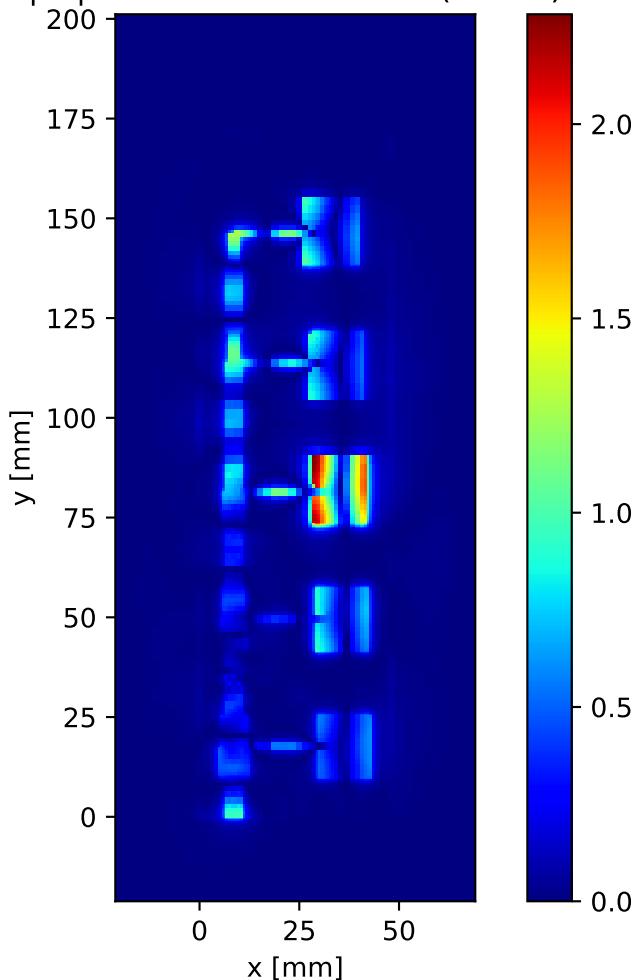


Smith Chart

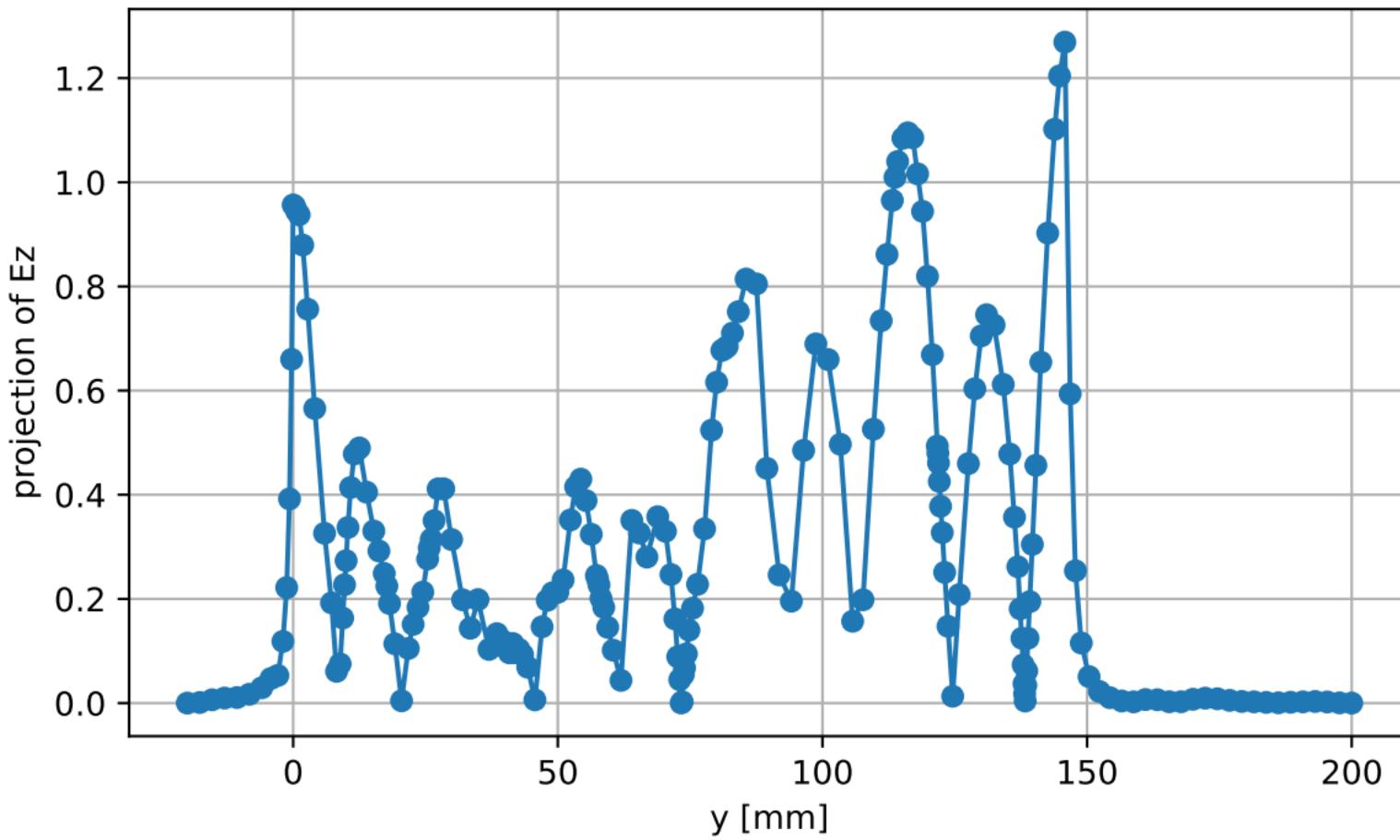
- S11 (Patch W=20.10 mm, L=10.70 mm)
- 5.80 GHz, $S_{11}=0.211-0.060j$, $R=76.08-9.66j$, $G_{norm}=0.65+0.08j$
- 5.96 GHz, $S_{11}=0.140-0.032j$, $R=66.10-4.38j$, $G_{2norm}=0.75+0.05j$



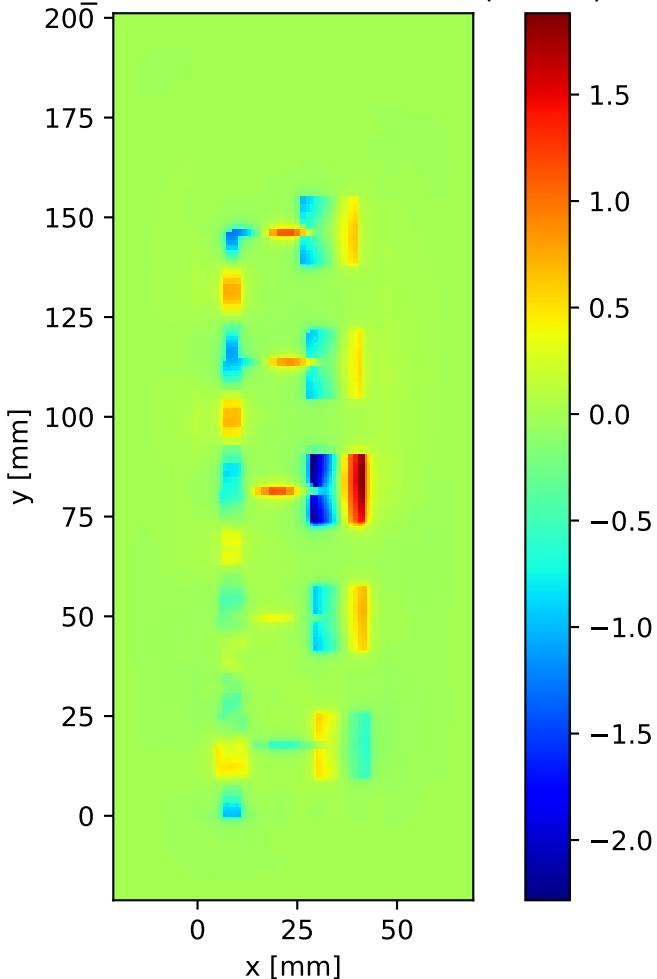
$|E_z|$ slice at $z = 0.76$ mm (idx 10)



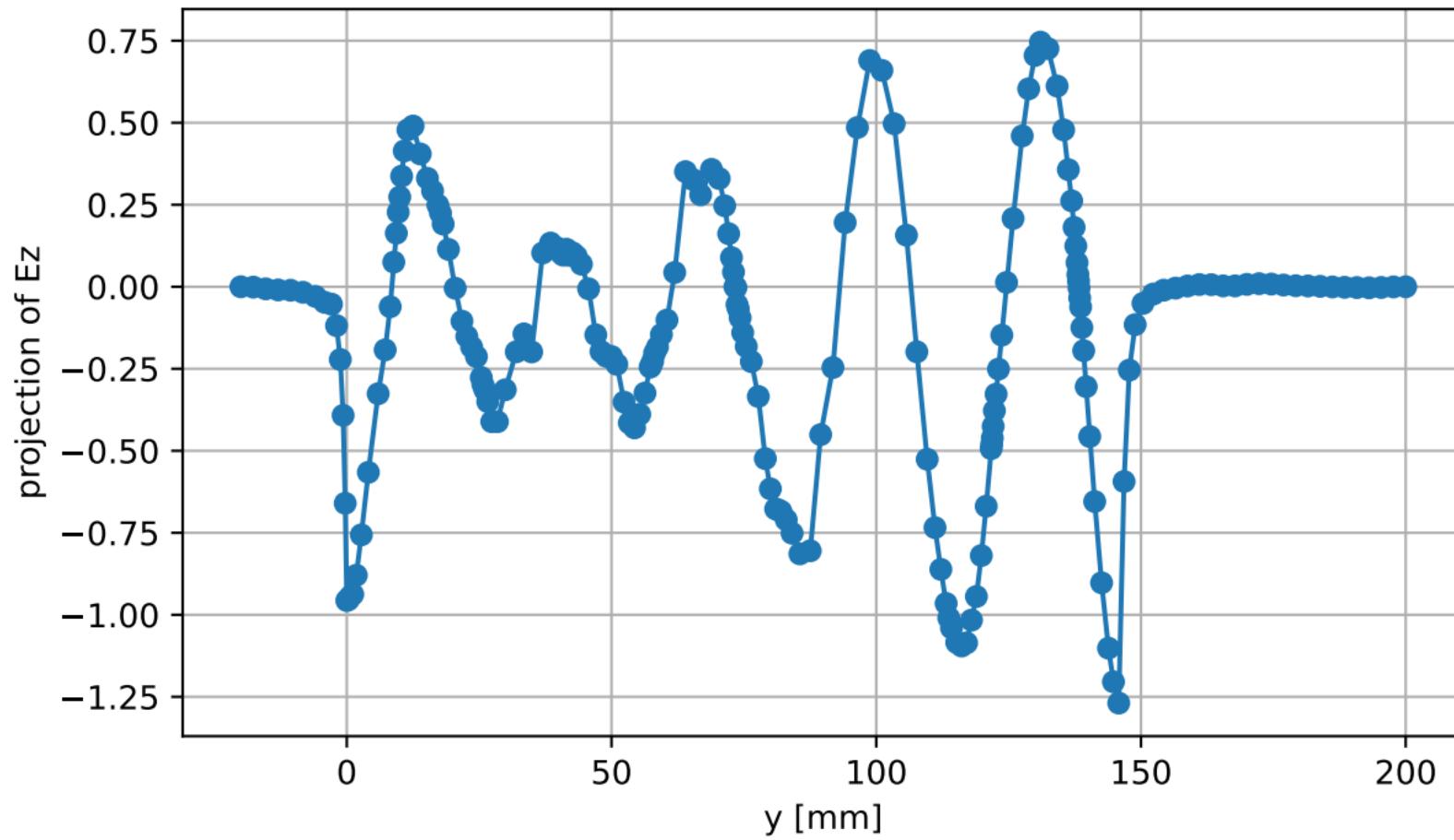
$|E_z|$ line cut along Y at $x=8.20$ mm, $z=0.76$ mm
(idx $x=19$, $z=10$)



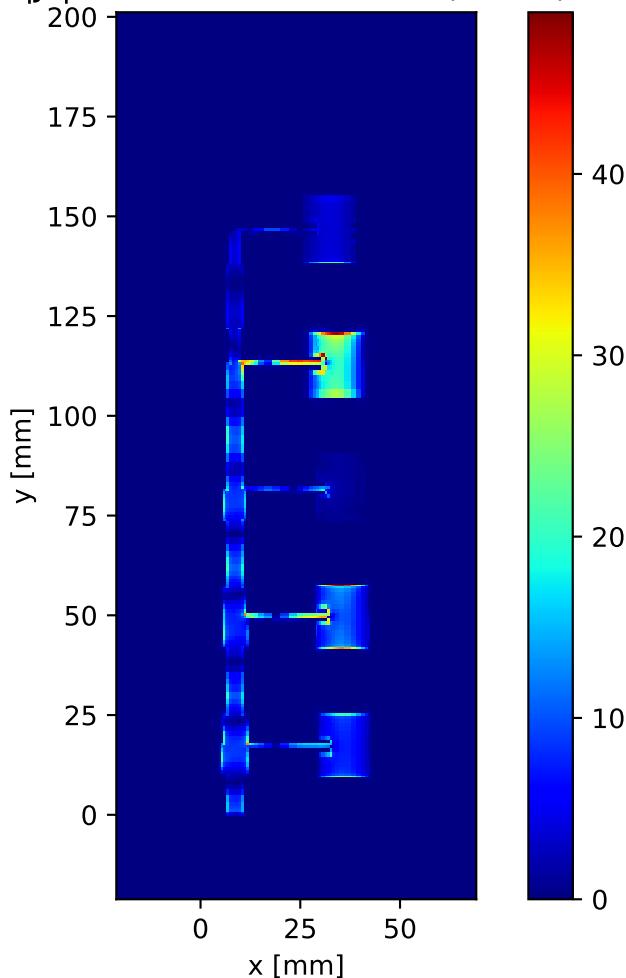
Real E_fd slice at z = 0.76 mm (idx 10)



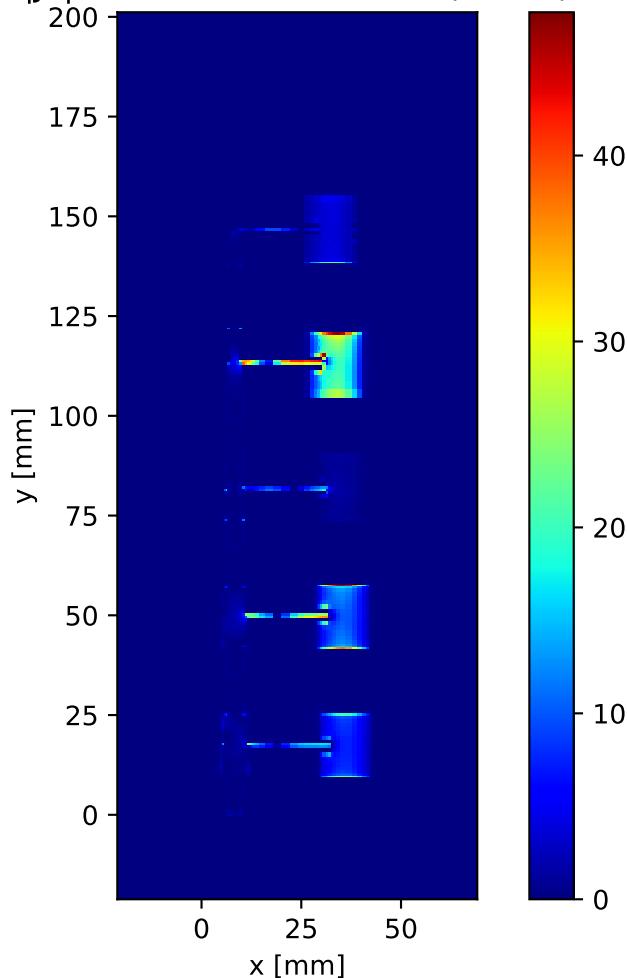
Real E_fd line cut along Y at x=8.20 mm, z=0.76 mm
(idx x=19, z=10)



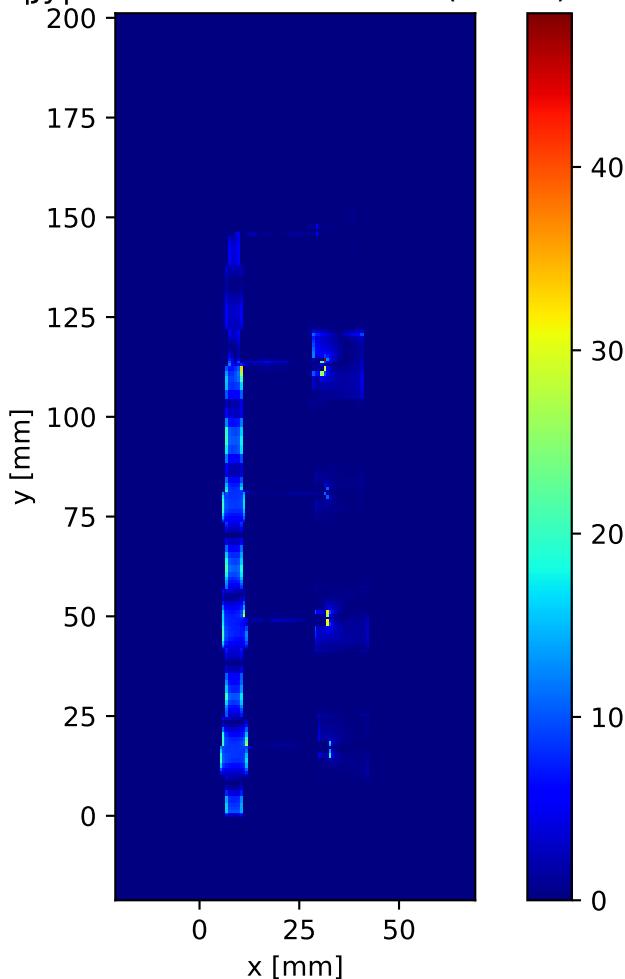
$|J_s|$ slice at $z = 1.525$ mm (idx 12)



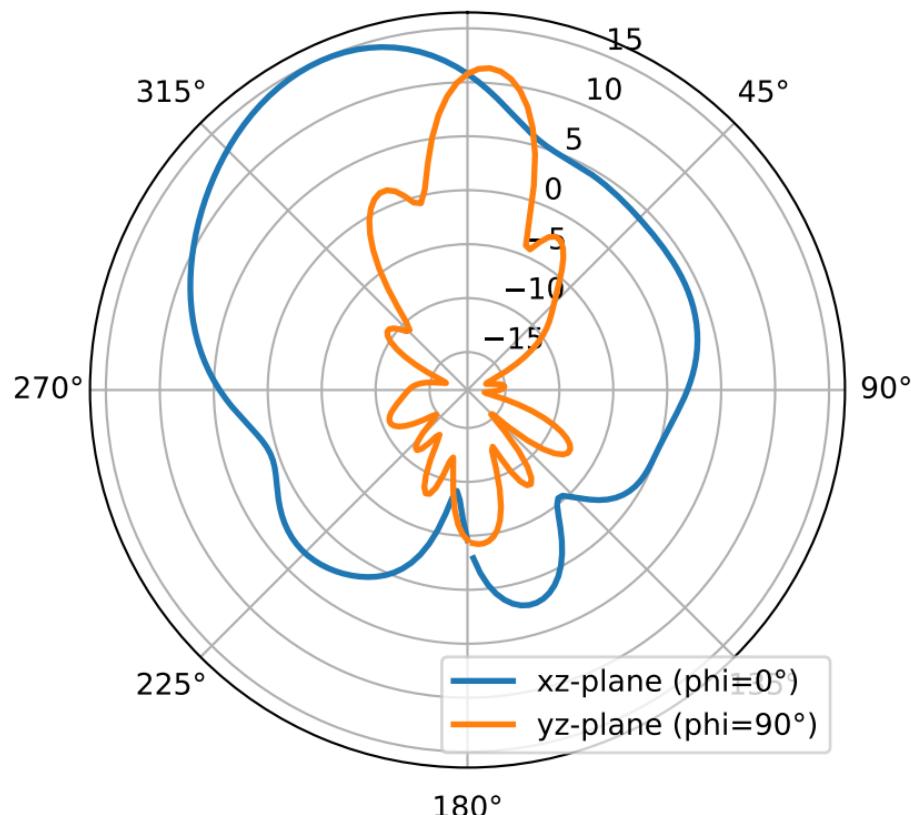
$|J_x|$ slice at $z = 1.525$ mm (idx 12)



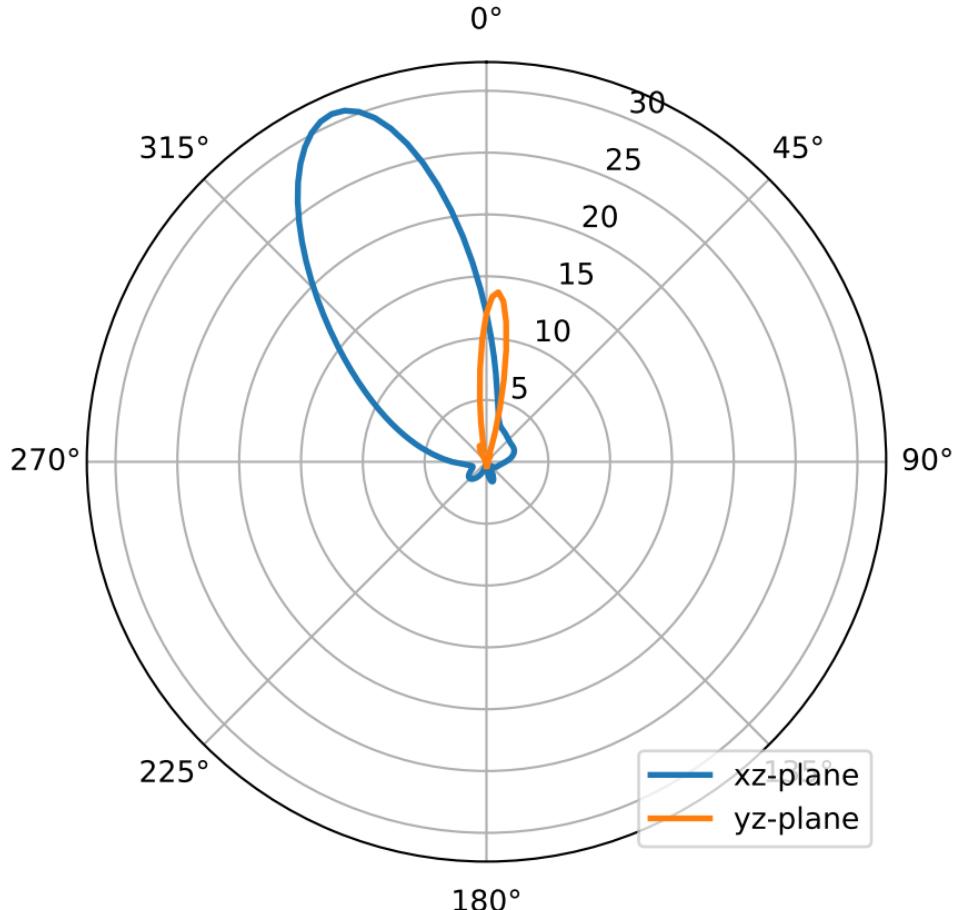
$|J_y|$ slice at $z = 1.525$ mm (idx 12)



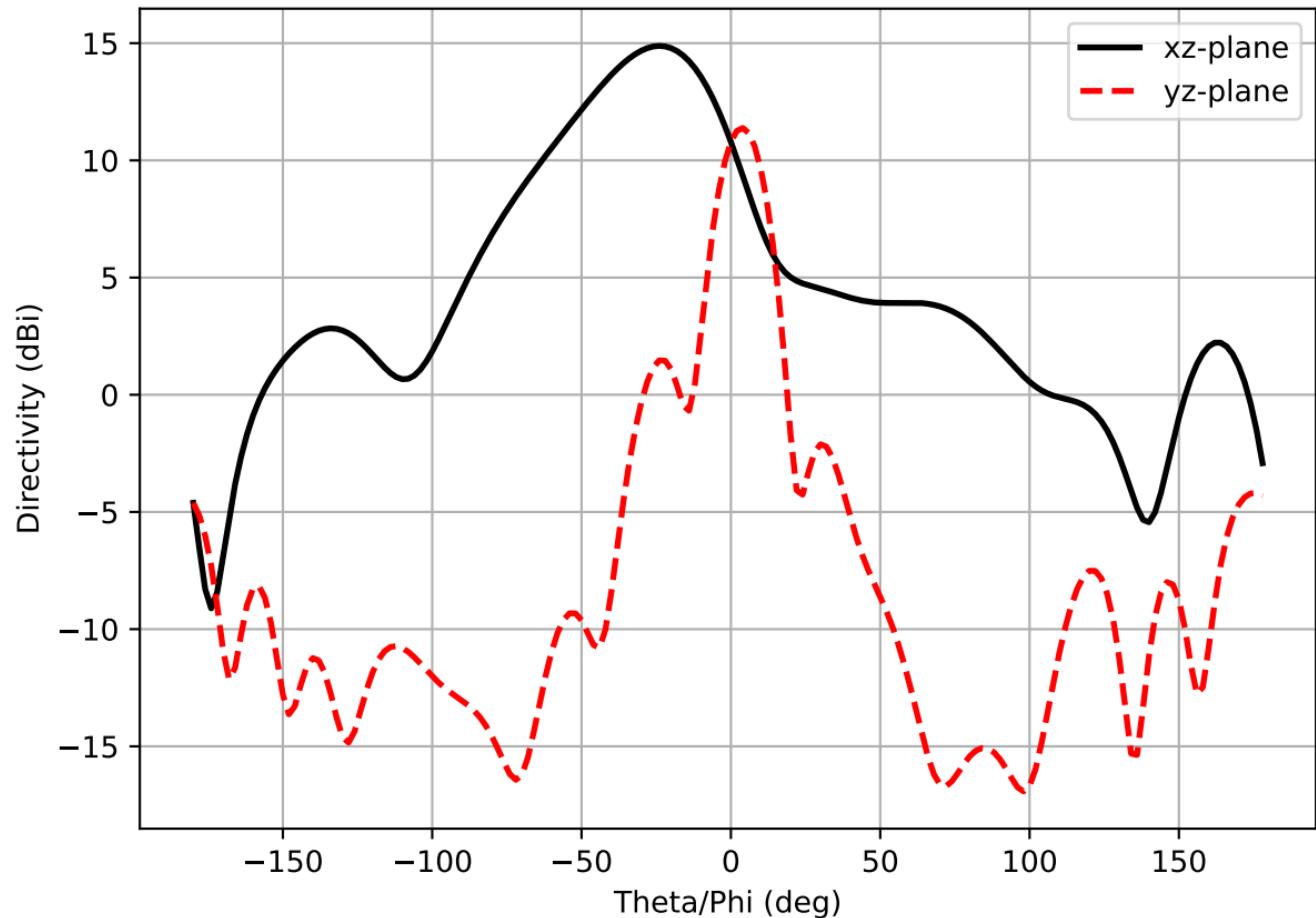
$f = 5.800 \text{ GHz}$ — Directivity (dB)
 $D_{\max} (\text{integrated}) \approx 14.88 \text{ dB}$, nf2ff $D_{\max} = 14.88 \text{ dB}$



Frequency: 5.800 GHz — Directivity (linear). Dmax: 30.785



Frequency: 5.800 GHz



3D Directivity Pattern
 $f = 5.800 \text{ GHz}$, $D_{\max} = 15.11 \text{ dBi}$

