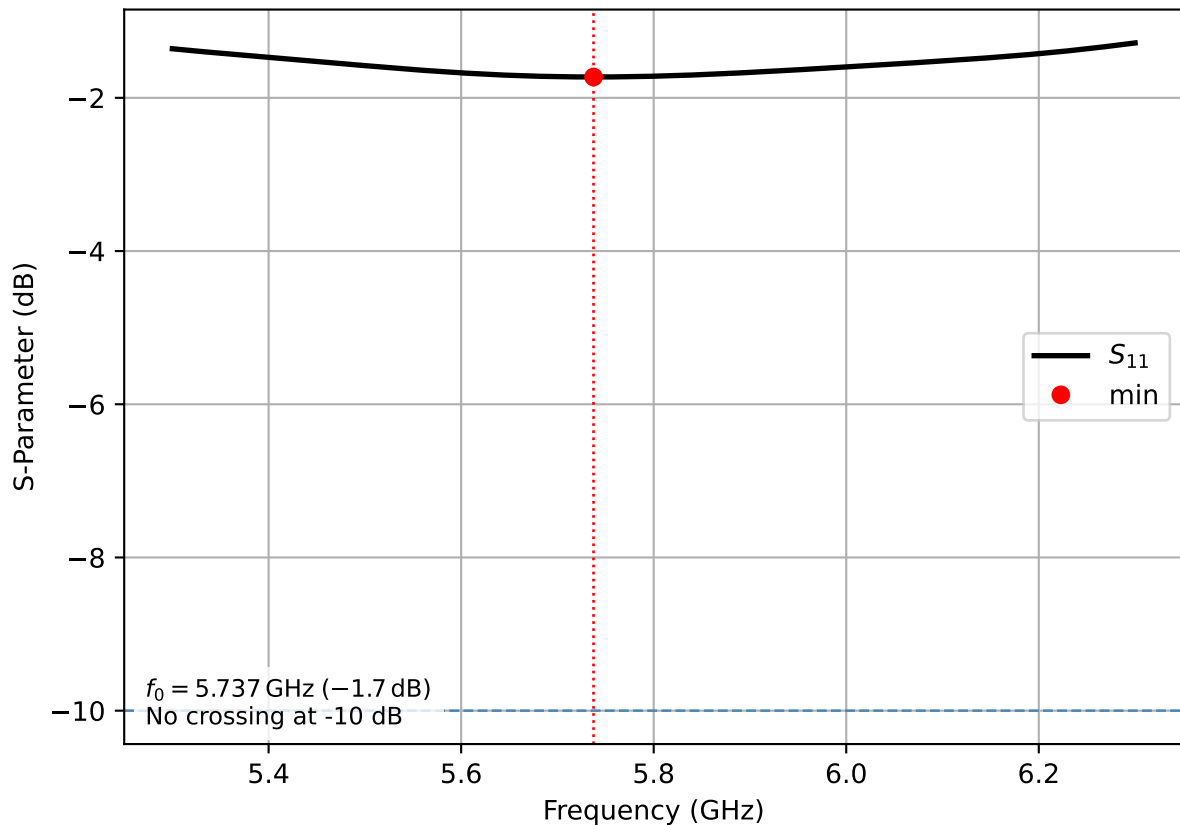


Reflection Coefficient S_{11}

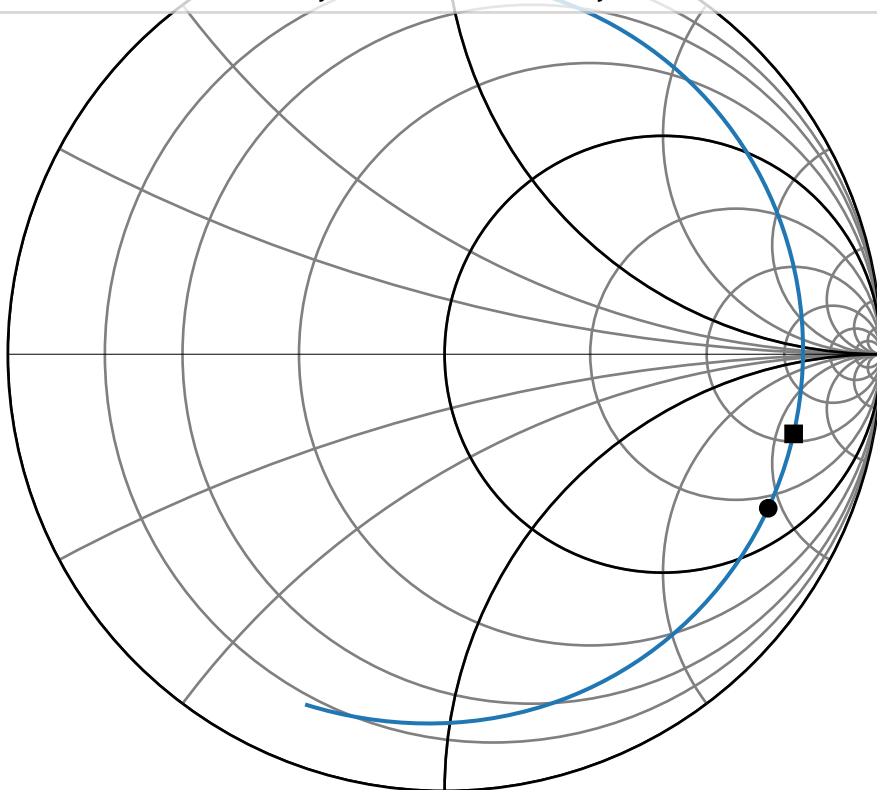


Smith Chart

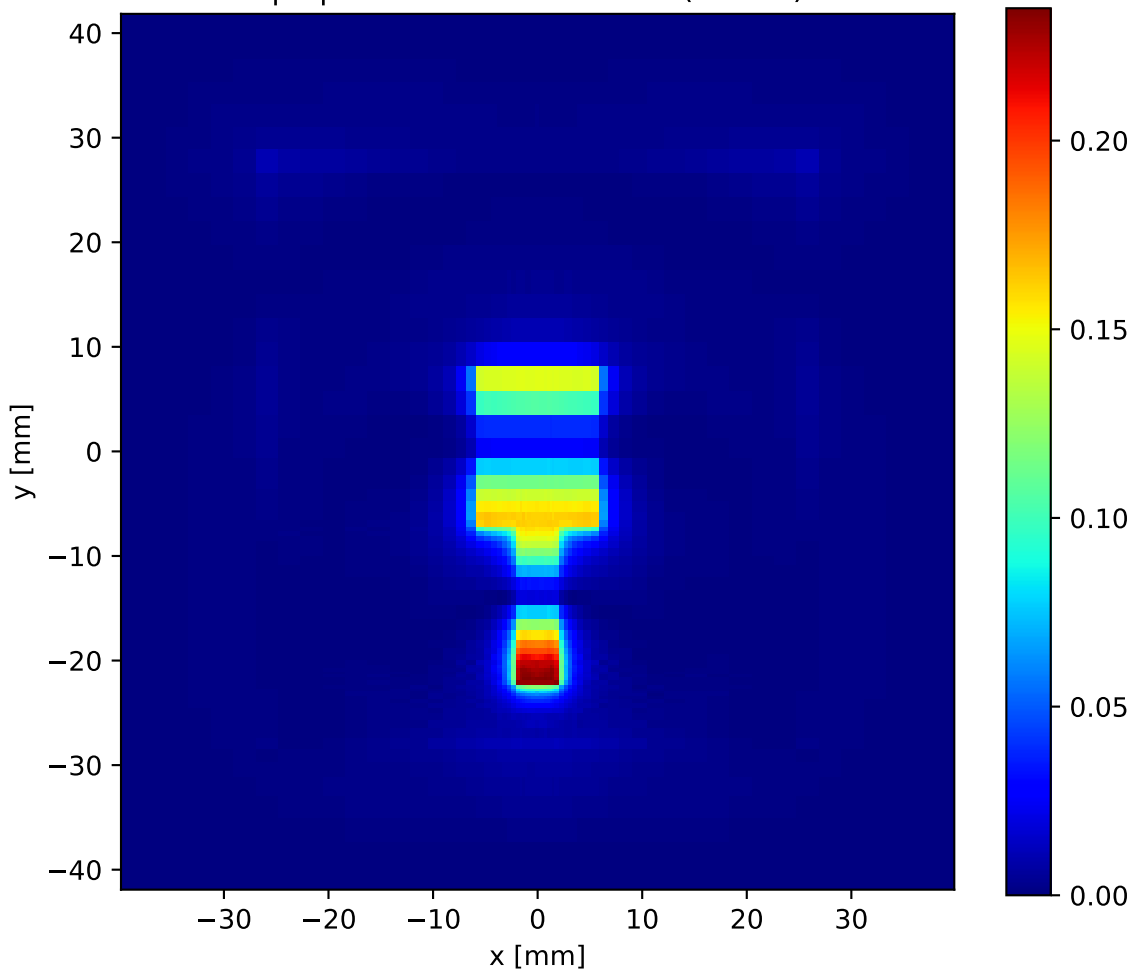
— S11 (Patch W=11.00 mm, L=14.00 mm)

● 5.80 GHz, $S_{11}=0.741-0.353j$, $R=85.32-184.17j$, $G_{\text{norm}}=0.10+0.22j$

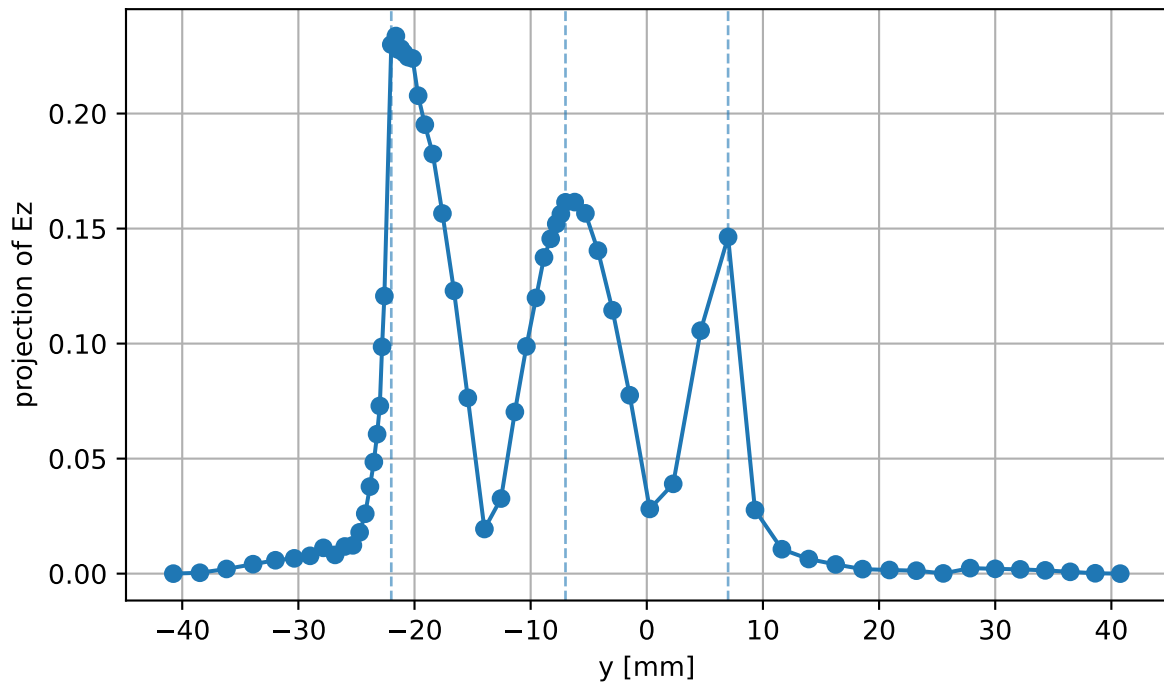
■ 5.74 GHz, $S_{11}=0.799-0.182j$, $R_2=222.95-247.67j$, $G_{2\text{norm}}=0.10+0.11j$



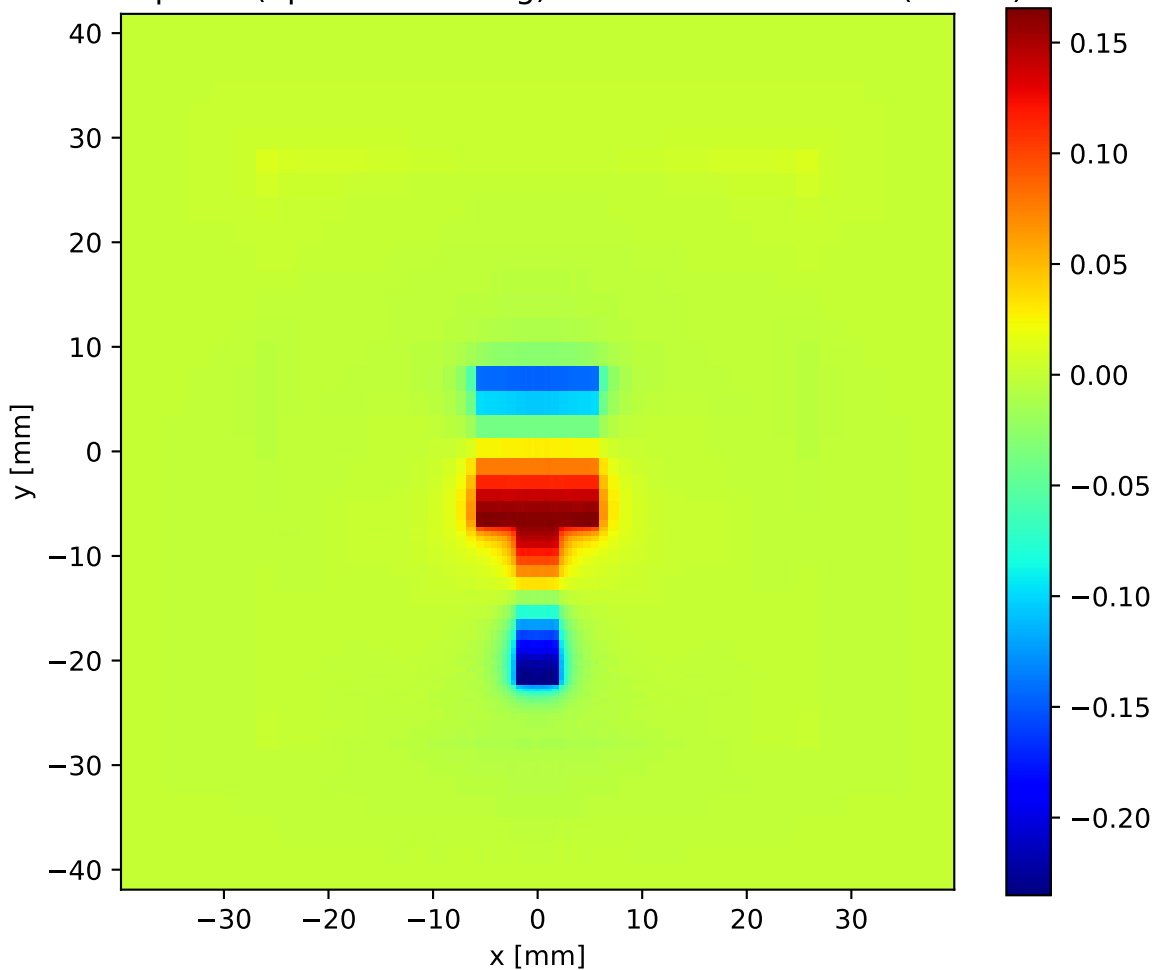
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



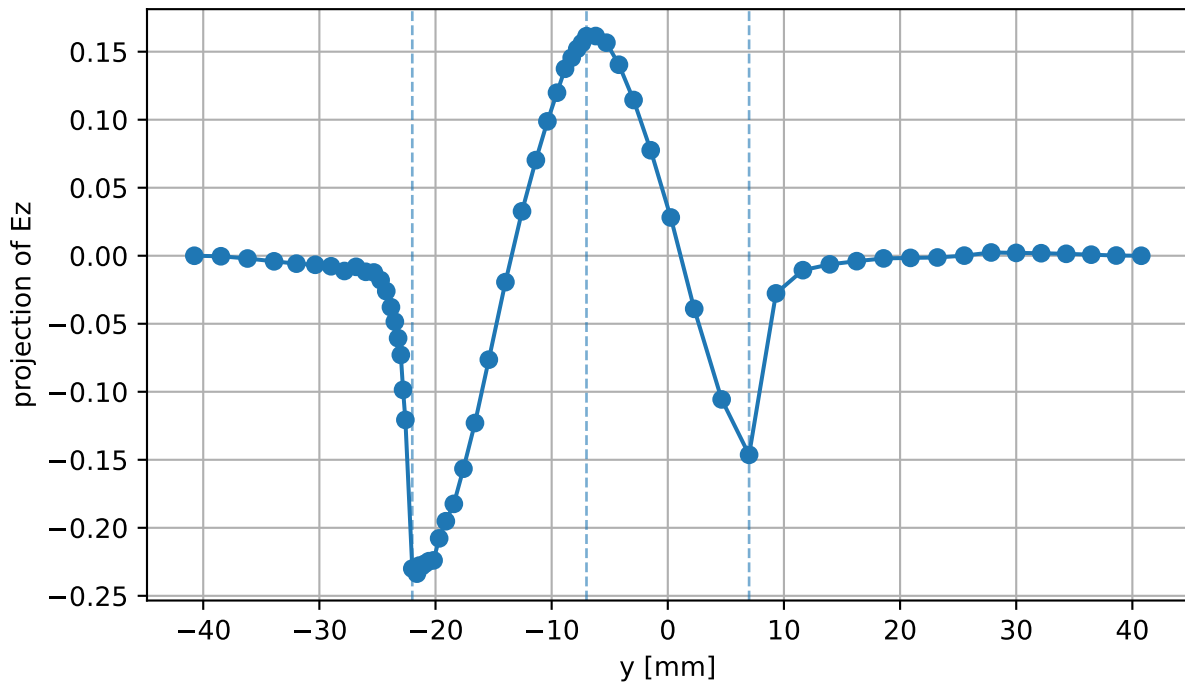
$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=31$, $z=15$)



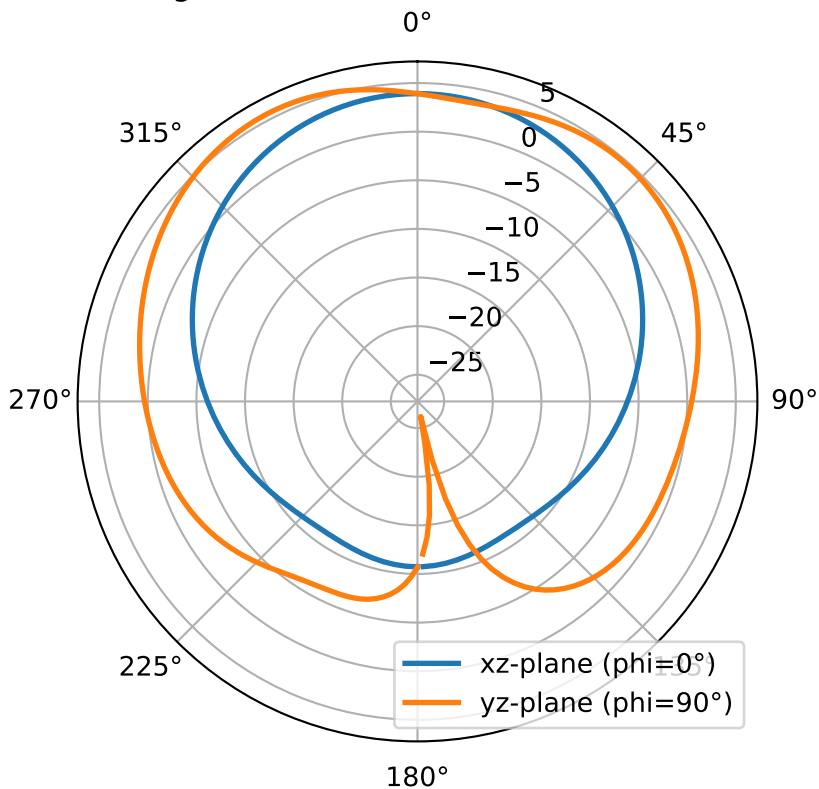
Ez snapshot (dphi=180.00deg) slice at z = 0.76 mm (idx 15)



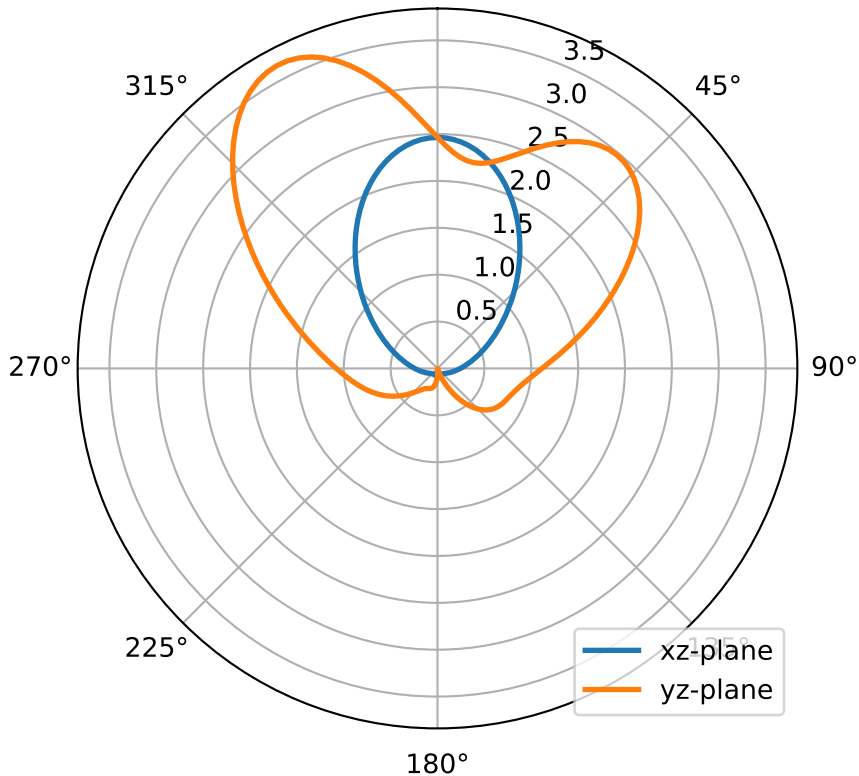
Ez snapshot (dphi=180.00deg) line cut along Y at x=0.00 mm, z=0.76 mm
(idx x=31, z=15)



$f = 5.737 \text{ GHz}$ — Directivity (dB)
 $D_{\text{max}} (\text{integrated}) \approx 5.63 \text{ dB}$, $\text{nf2ff } D_{\text{max}} = 5.63 \text{ dB}$



Frequency: 5.737 GHz — Directivity (linear). Dmax: 3.657
0°



Frequency: 5.737 GHz
xz-plane: HPBW=86.8°
yz-plane: HPBW=139.4°

