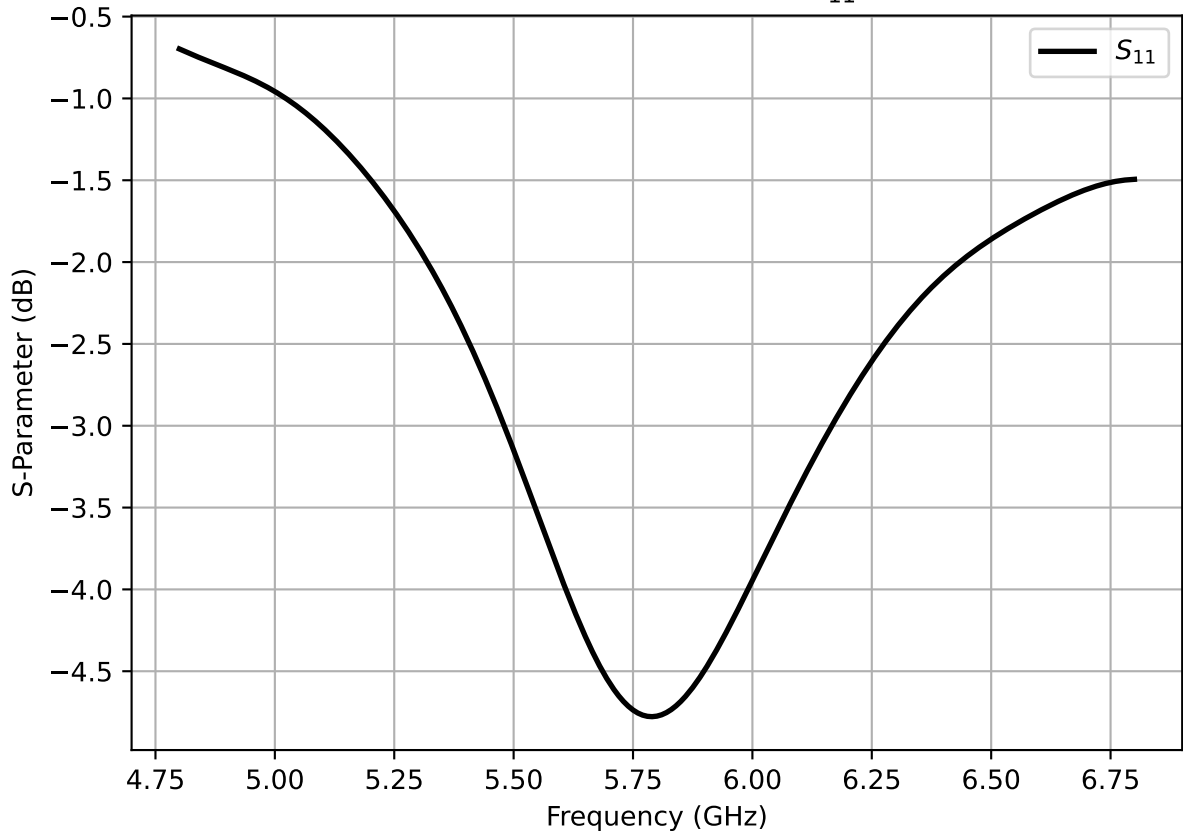
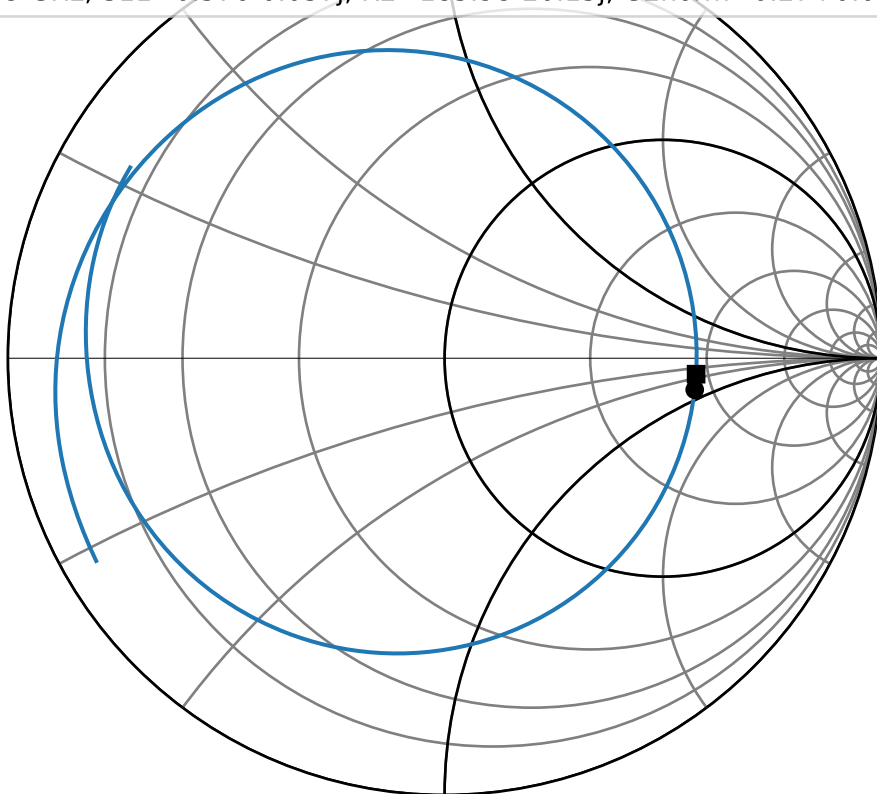


Reflection Coefficient  $S_{11}$

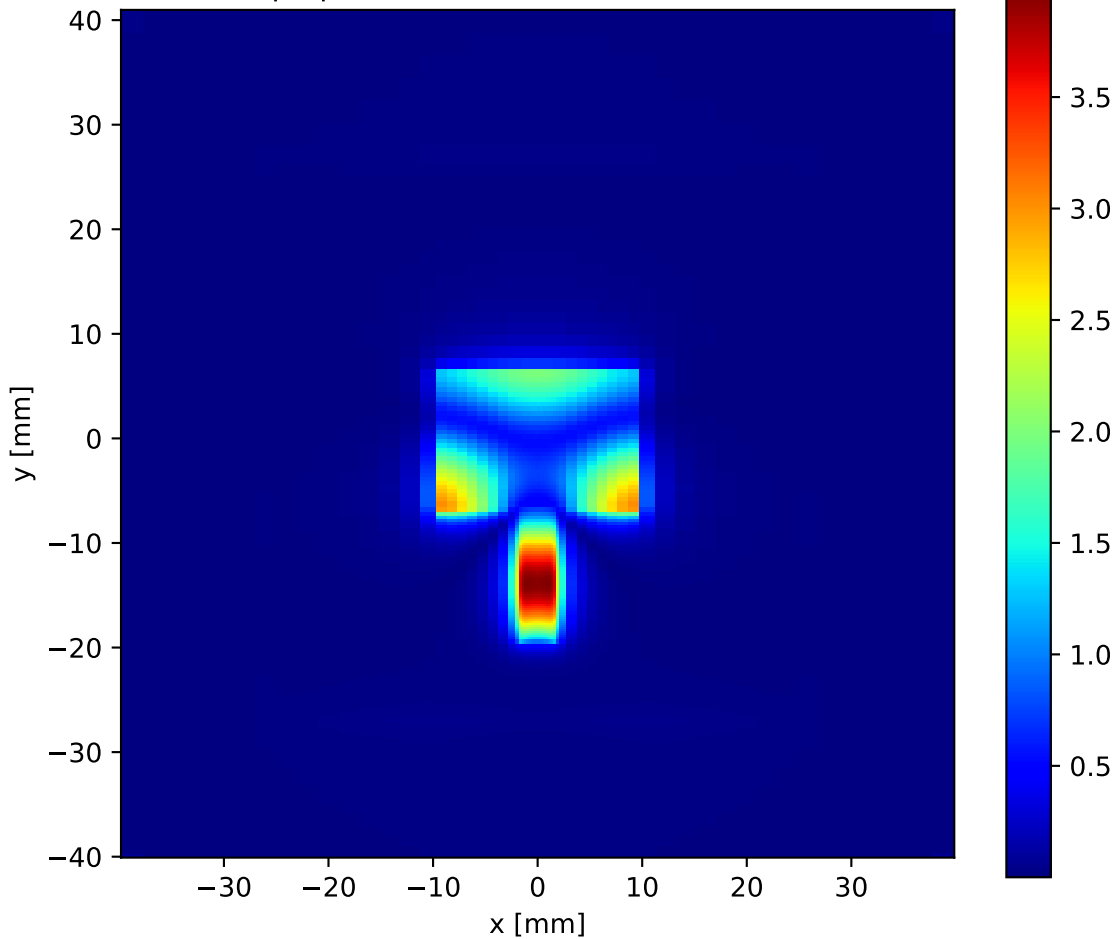


# Smith Chart

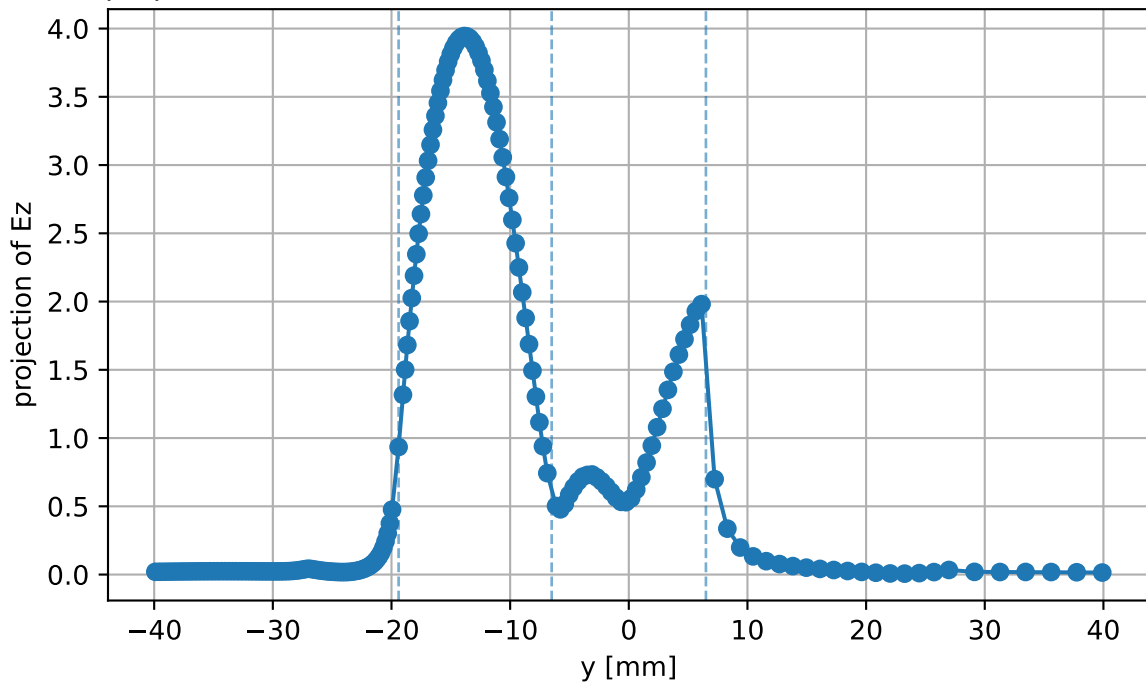
- S11 (Patch W=19.00 mm, L=13.00 mm, len180=12.90 mm)
- 5.80 GHz, S11=0.573-0.072j, R=177.52-38.34j, Gnorm=0.27+0.06j
- 5.79 GHz, S11=0.576-0.037j, R2=183.98-20.15j, G2norm=0.27+0.03j



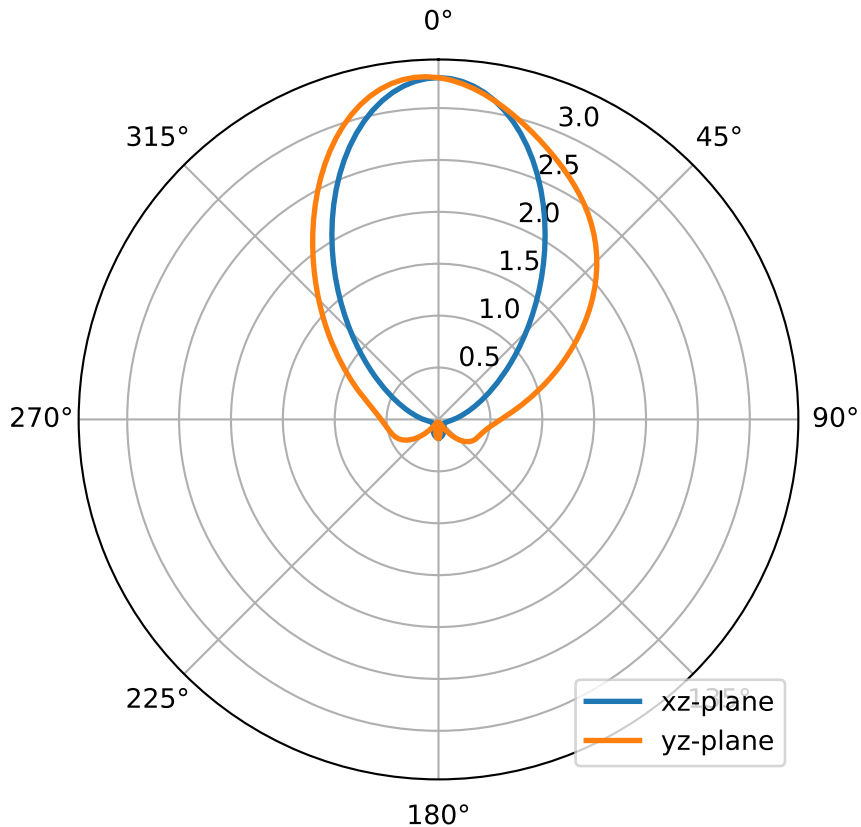
$|E_z|$  slice at  $z = 0.76$  mm (idx 40)



$|E_z|$  line cut along Y at  $x=0.00$  mm,  $z=0.76$  mm (idx  $x=33$ ,  $z=40$ )



Frequency: 5.790 GHz — Directivity (linear). Dmax: 3.304



Frequency: 5.790 GHz

