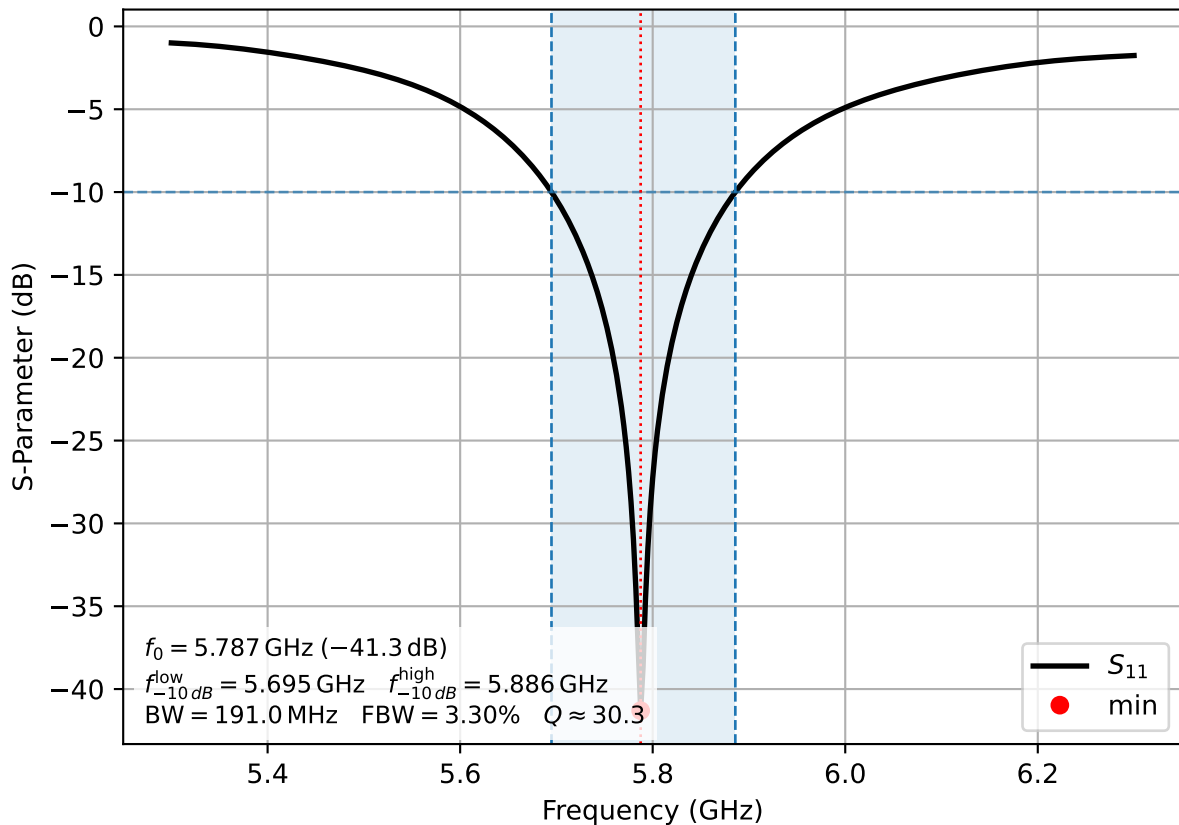


Reflection Coefficient S_{11}

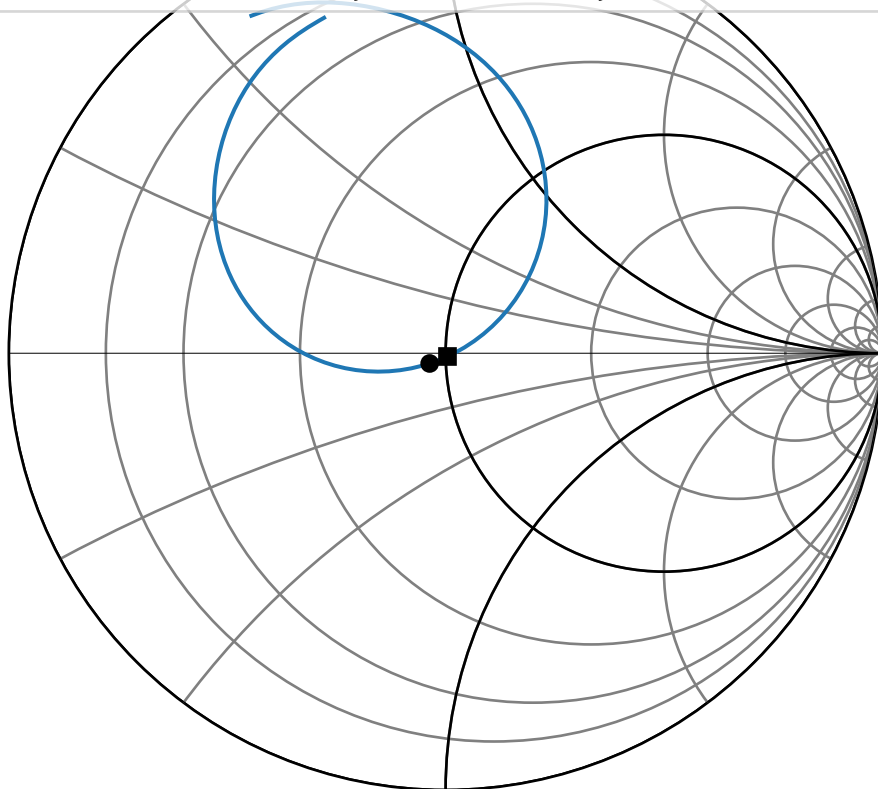


Smith Chart

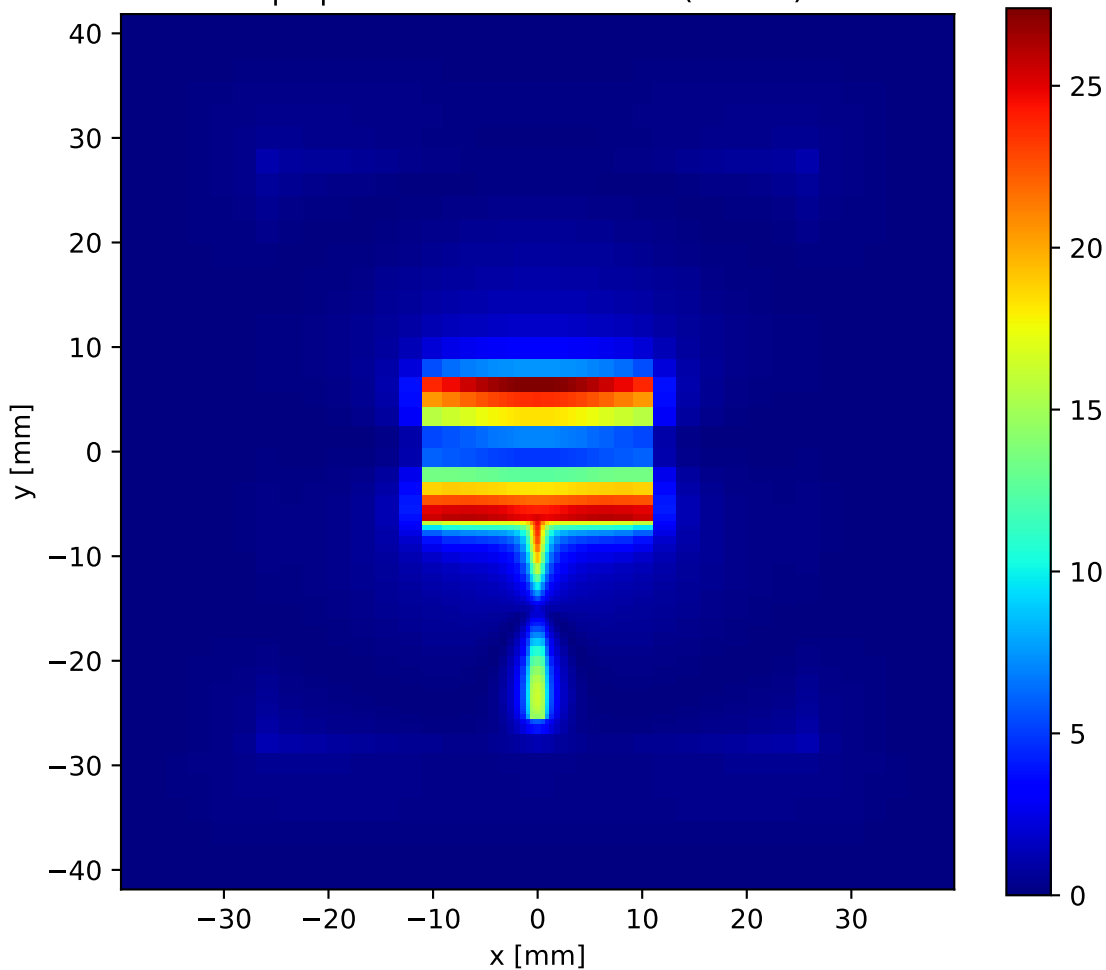
— S11 (Patch W=20.10 mm, L=12.75 mm)

● 5.80 GHz, $S_{11} = -0.036 - 0.023j$, $R = 92.87 - 4.36j$, $G_{\text{norm}} = 1.07 + 0.05j$

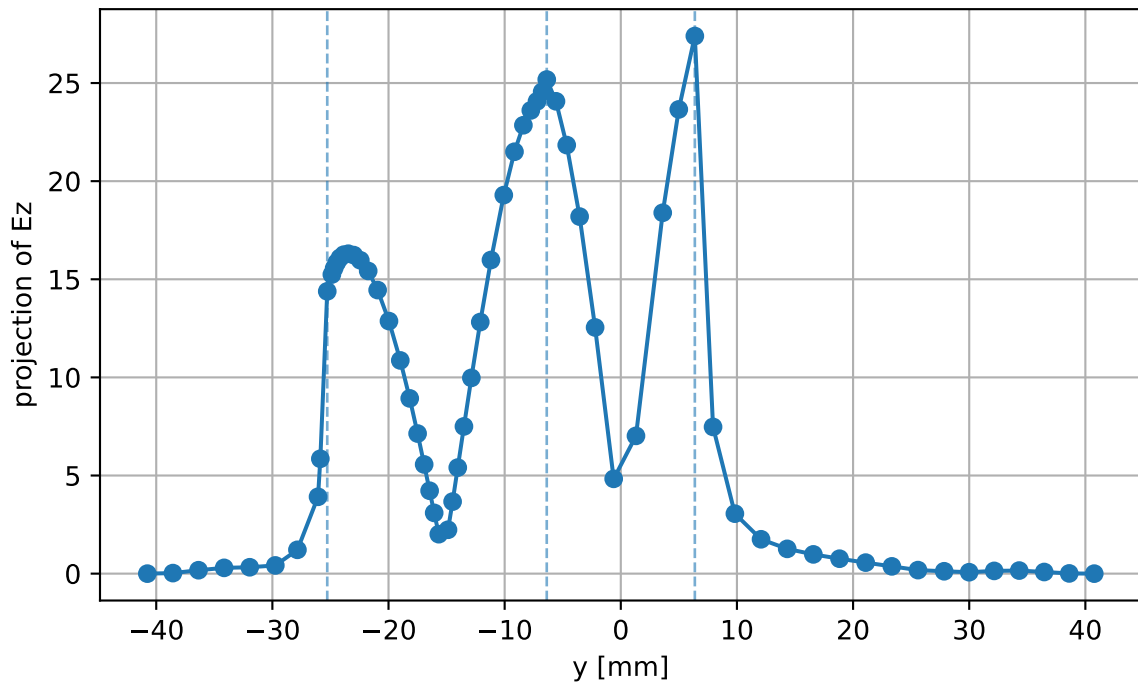
■ 5.79 GHz, $S_{11} = 0.004 - 0.007j$, $R_2 = 100.85 - 1.50j$, $G_{2\text{norm}} = 0.99 + 0.01j$



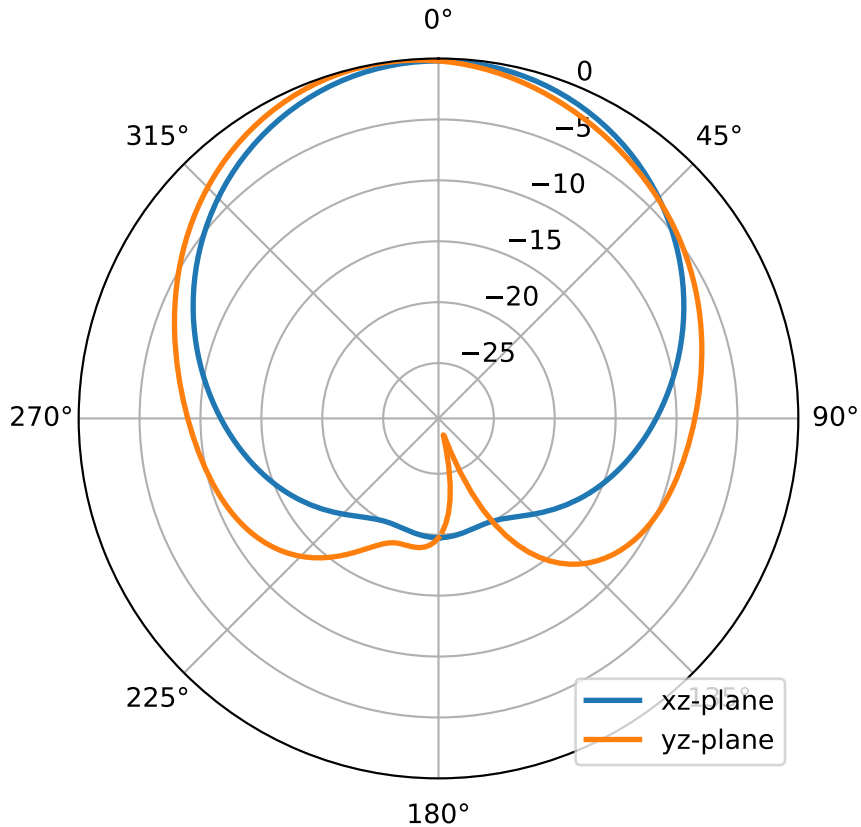
$|E_z|$ slice at $z = 0.76$ mm (idx 15)



$|E_z|$ line cut along Y at $x=0.00$ mm, $z=0.76$ mm
(idx $x=27$, $z=15$)



Frequency: 5.787 GHz — Directivity (linear). Dmax: 8.768



Frequency: 5.787 GHz

