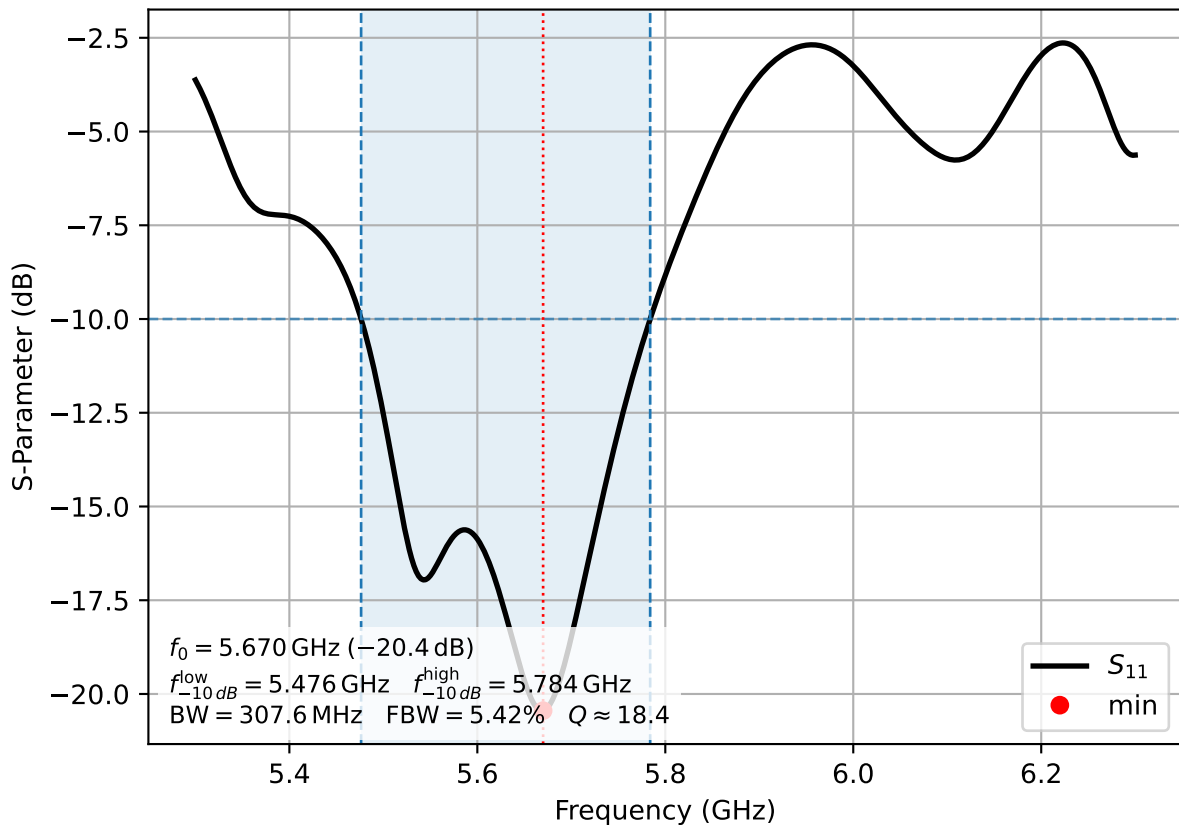


Reflection Coefficient S_{11}

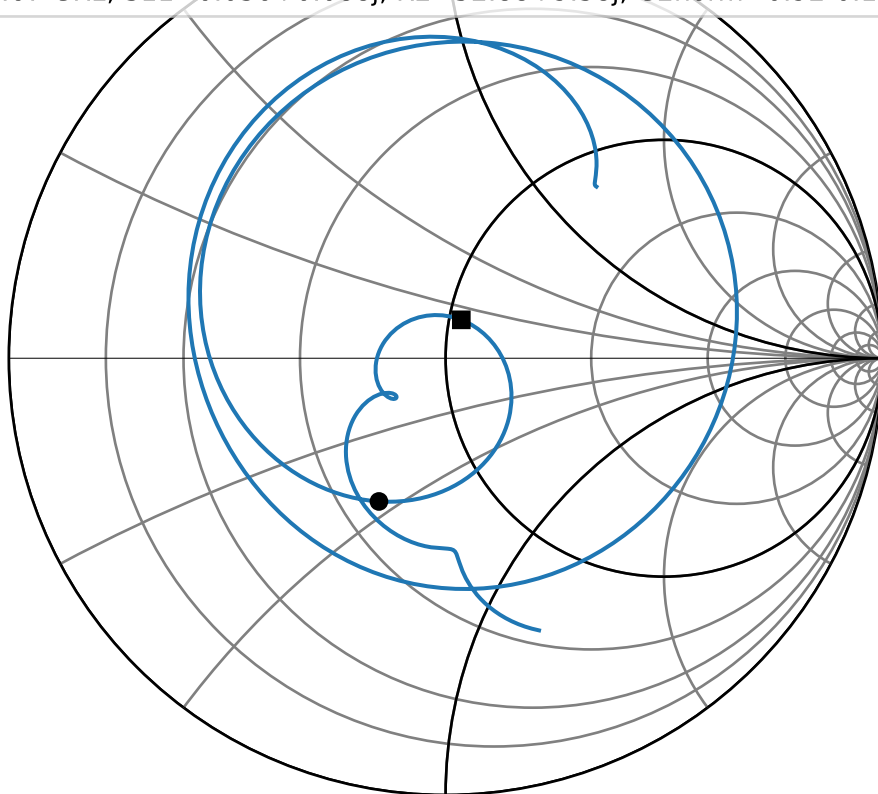


Smith Chart

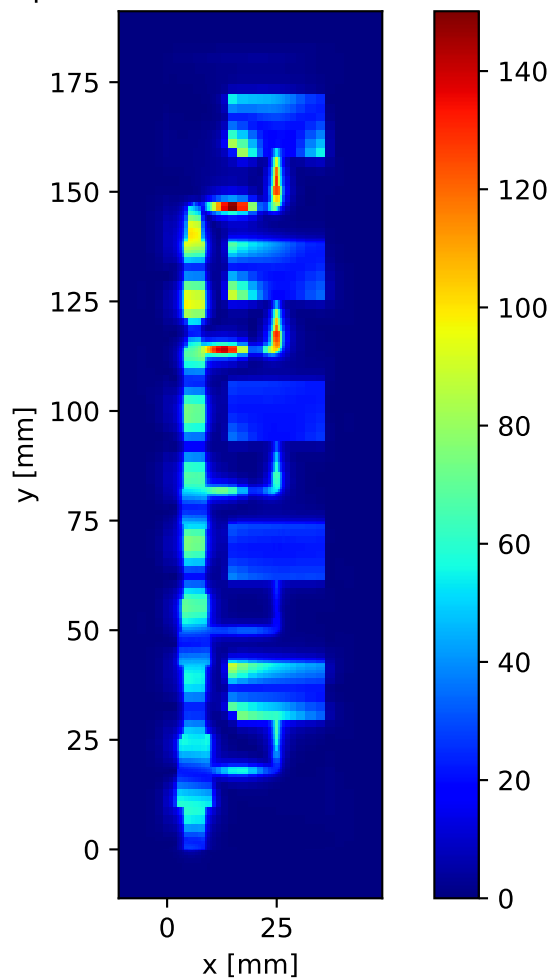
— S11 (Patch W=20.10 mm, L=12.70 mm)

● 5.80 GHz, $S_{11} = -0.153 - 0.328j$, $R = 30.27 - 22.83j$, $G_{\text{norm}} = 1.05 + 0.79j$

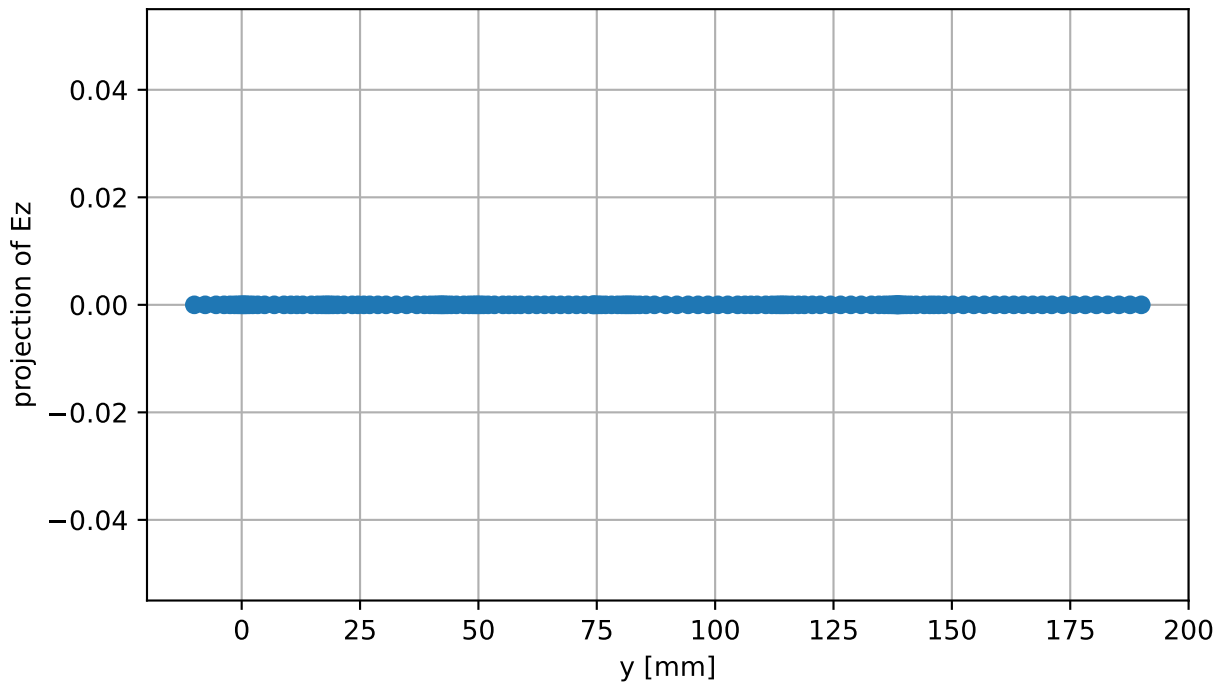
■ 5.67 GHz, $S_{11} = 0.036 + 0.088j$, $R_2 = 52.88 + 9.38j$, $G_2_{\text{norm}} = 0.92 - 0.16j$



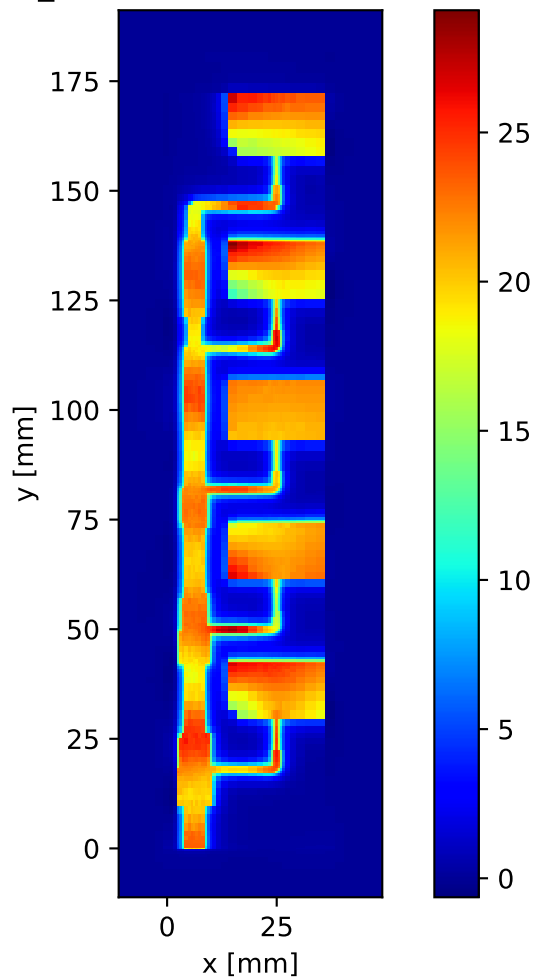
$|E_z|$ slice at $z = 0.76$ mm (idx 10)



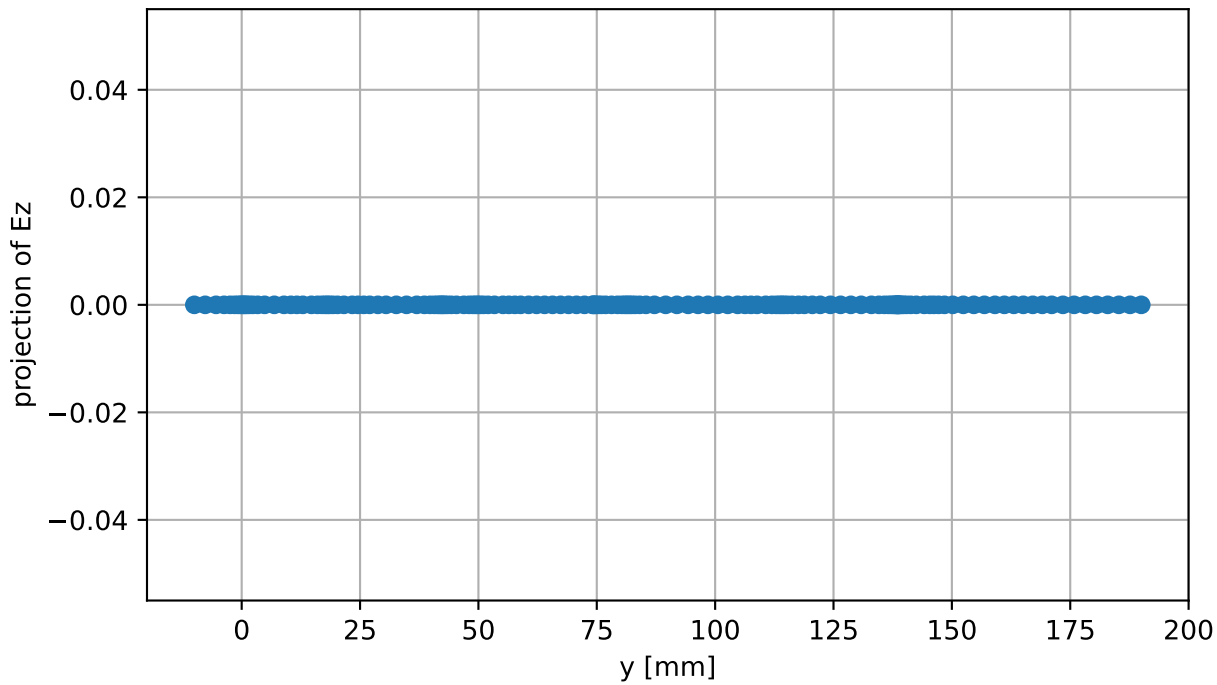
$|E_z|$ line cut along Y at $x=48.00$ mm, $z=0.76$ mm
(idx x=48, z=10)



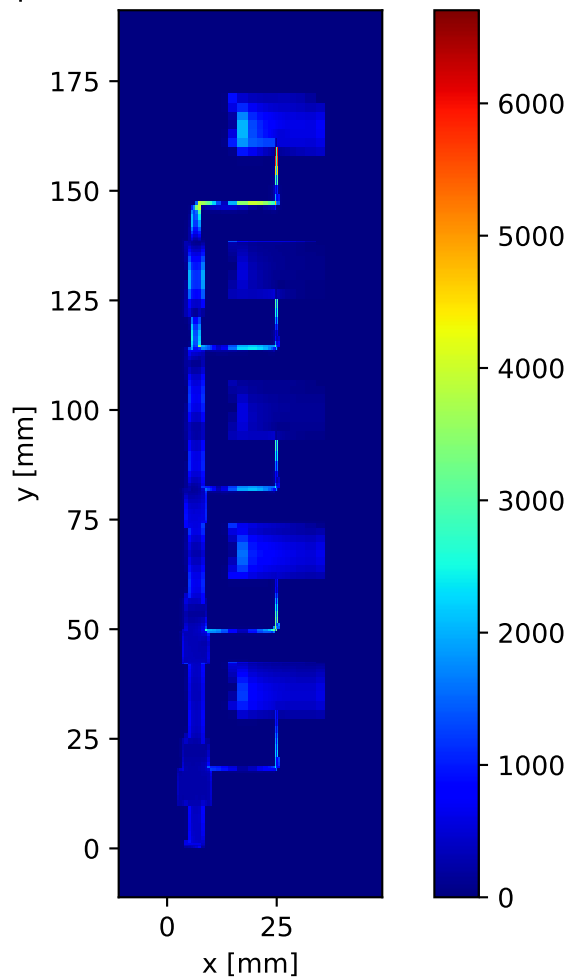
Real E_{fd} slice at $z = 0.76$ mm (idx 10)



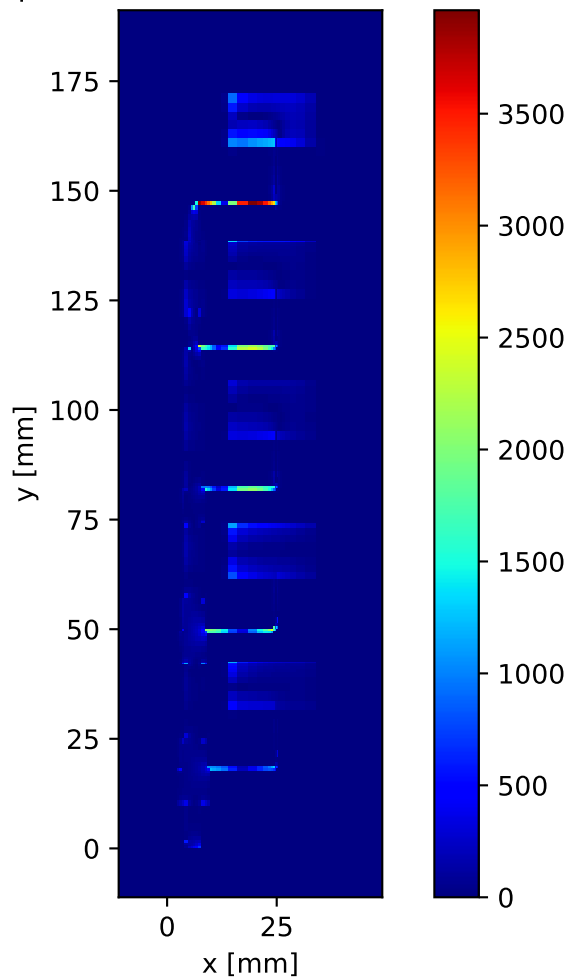
Real E_fd line cut along Y at x=48.00 mm, z=0.76 mm
(idx x=48, z=10)



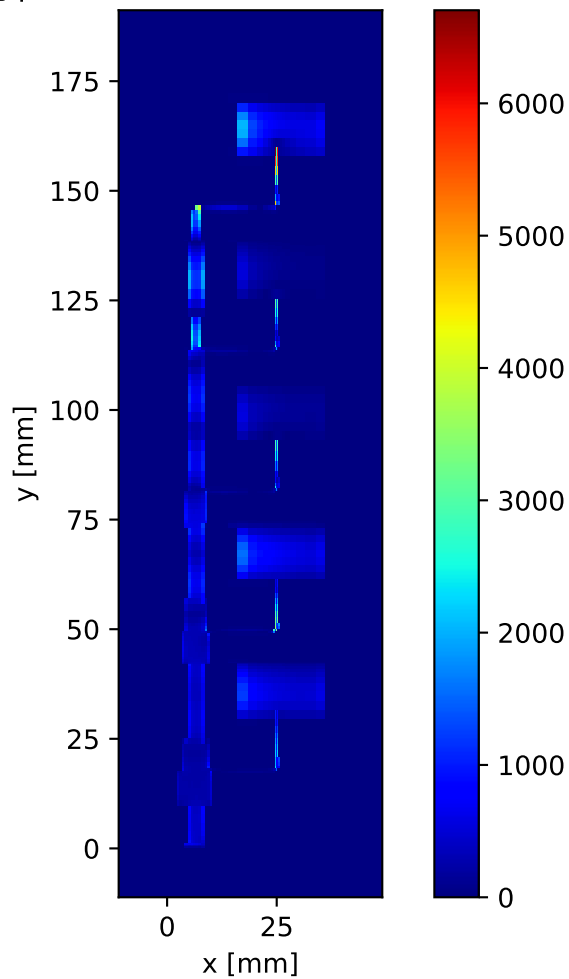
$|J_s|$ slice at $z = 1.525$ mm (idx 12)



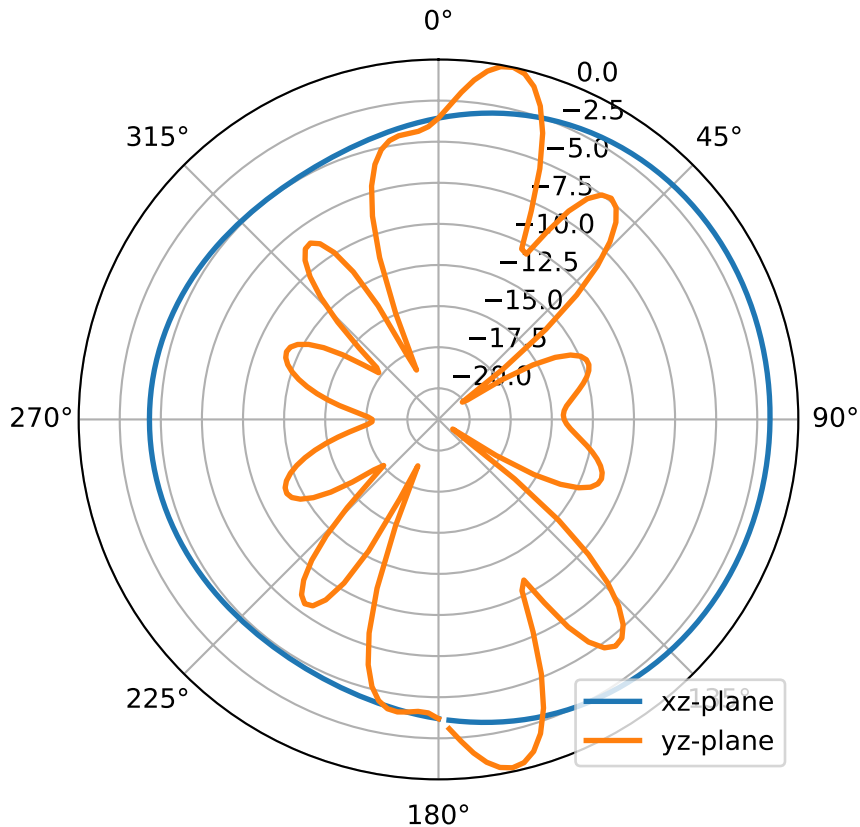
$|J_x|$ slice at $z = 1.525$ mm (idx 12)



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



Frequency: 5.800 GHz — Directivity (dB). Dmax: 48.806dB



Frequency: 5.800 GHz

