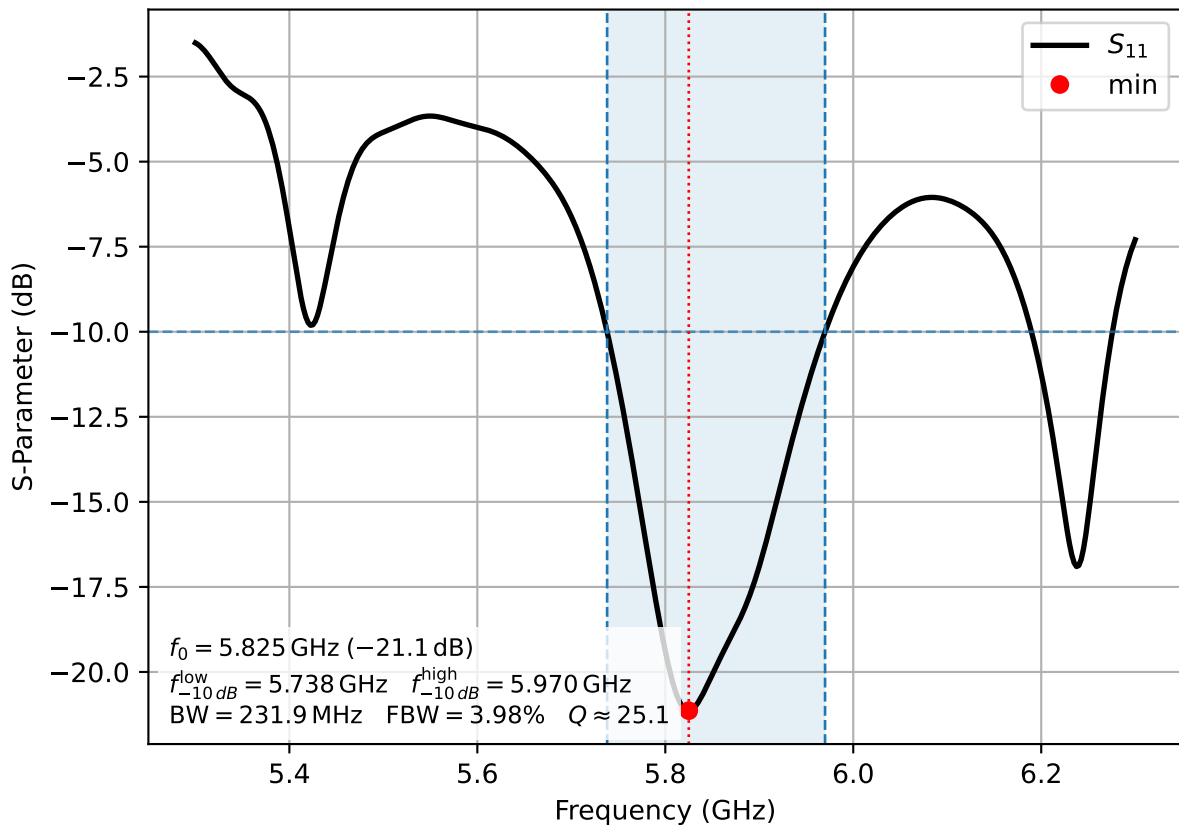


Reflection Coefficient S_{11}

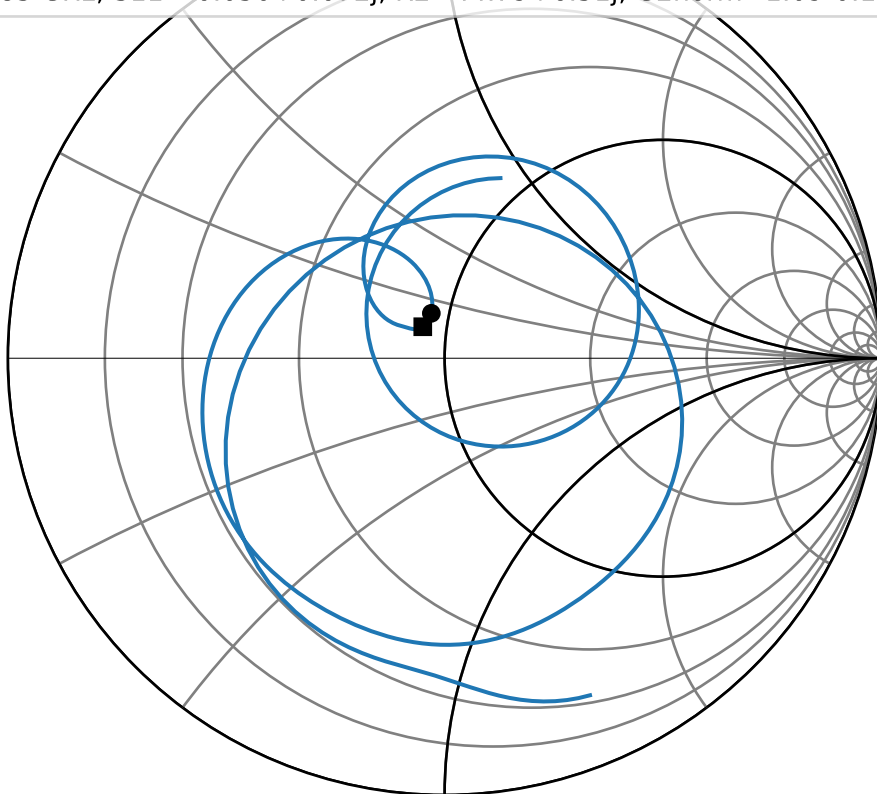


Smith Chart

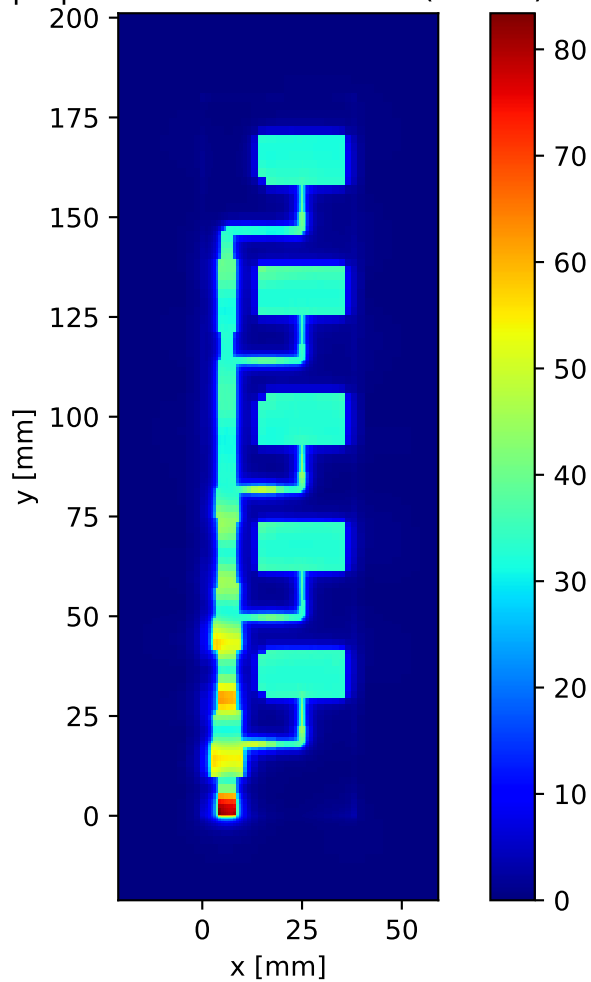
— S11 (Patch W=20.10 mm, L=10.70 mm)

● 5.80 GHz, $S_{11} = -0.030 + 0.103j$, $R = 46.10 + 9.59j$, $G_{\text{norm}} = 1.04 - 0.22j$

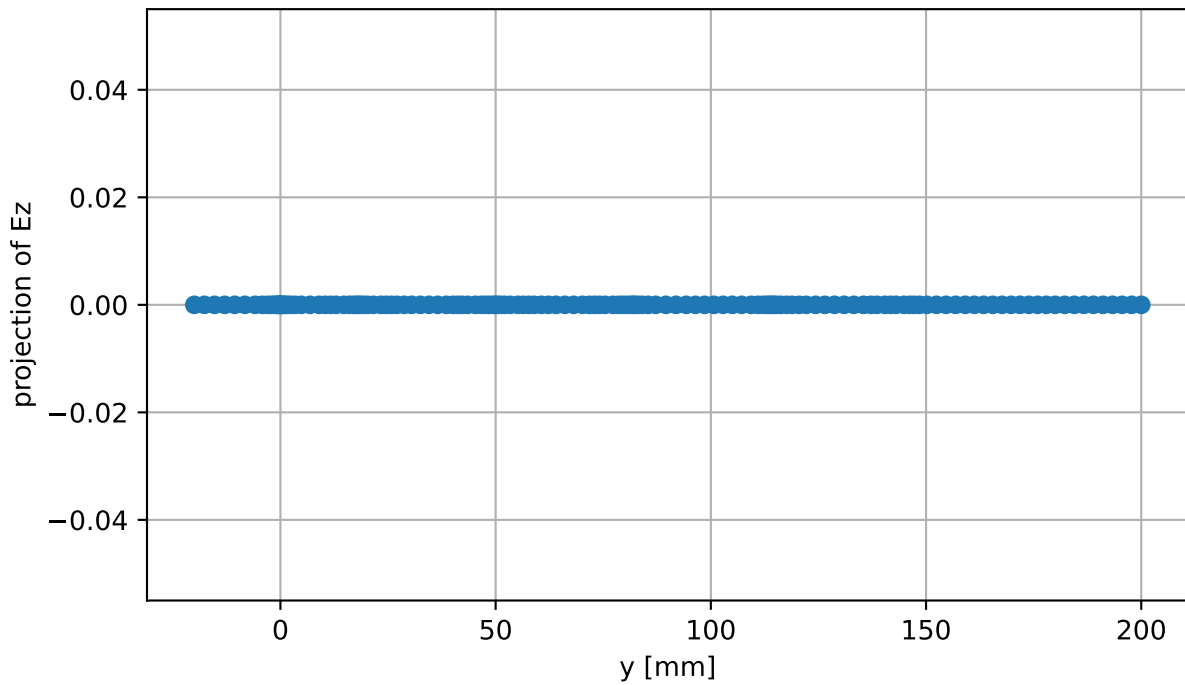
■ 5.83 GHz, $S_{11} = -0.050 + 0.072j$, $R_2 = 44.79 + 6.51j$, $G_{2\text{norm}} = 1.09 - 0.16j$



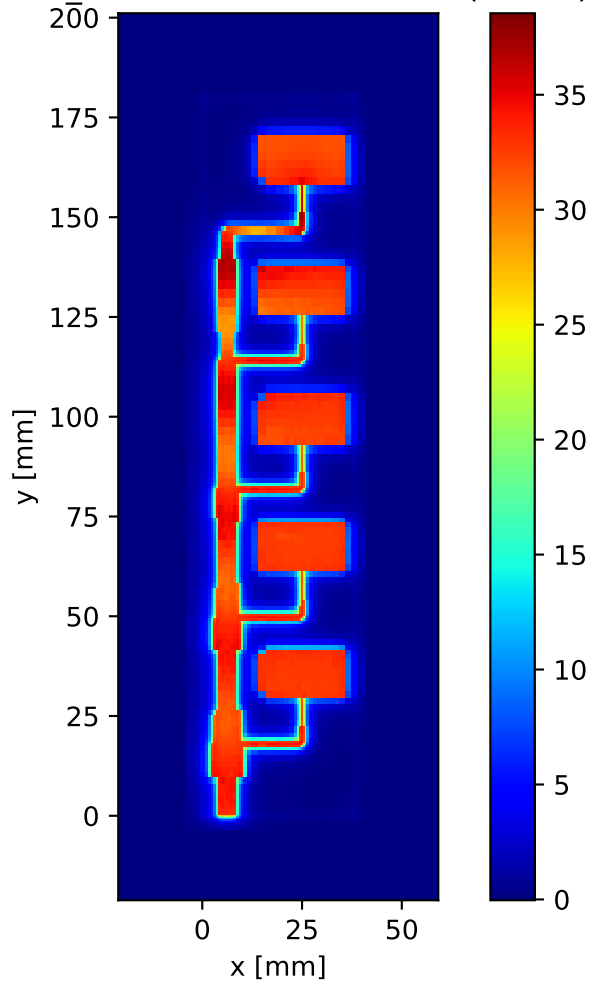
$|E_z|$ slice at $z = 0.76$ mm (idx 10)



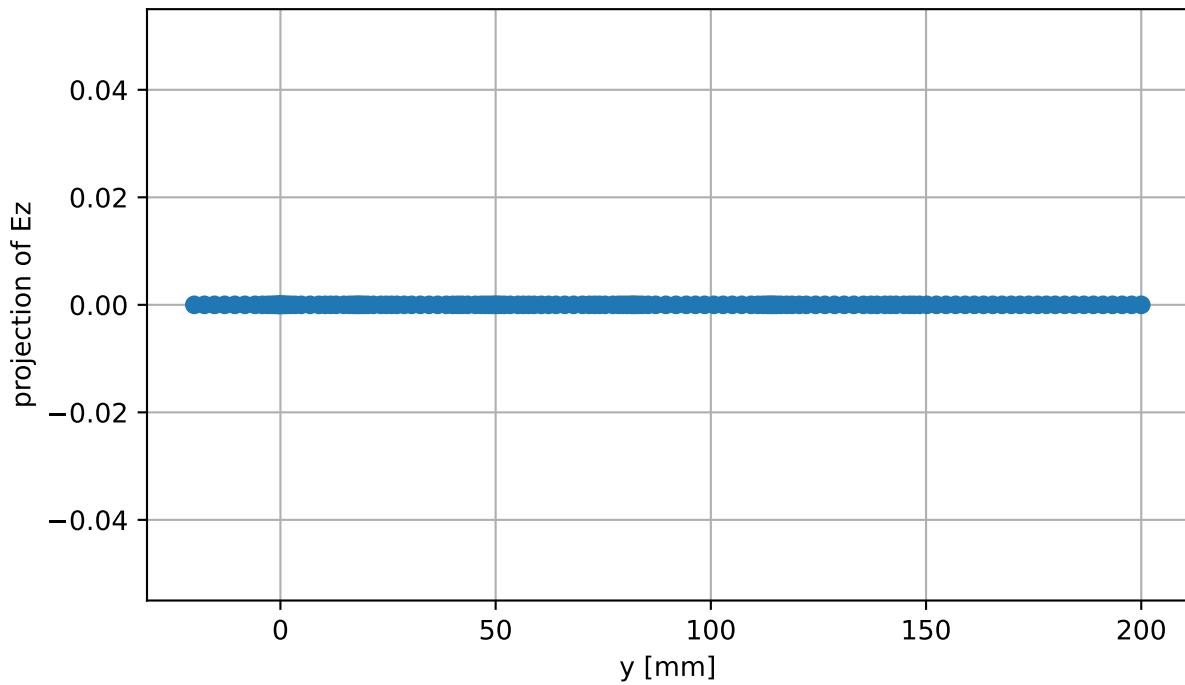
$|E_z|$ line cut along Y at $x=58.00$ mm, $z=0.76$ mm
(idx x=59, z=10)



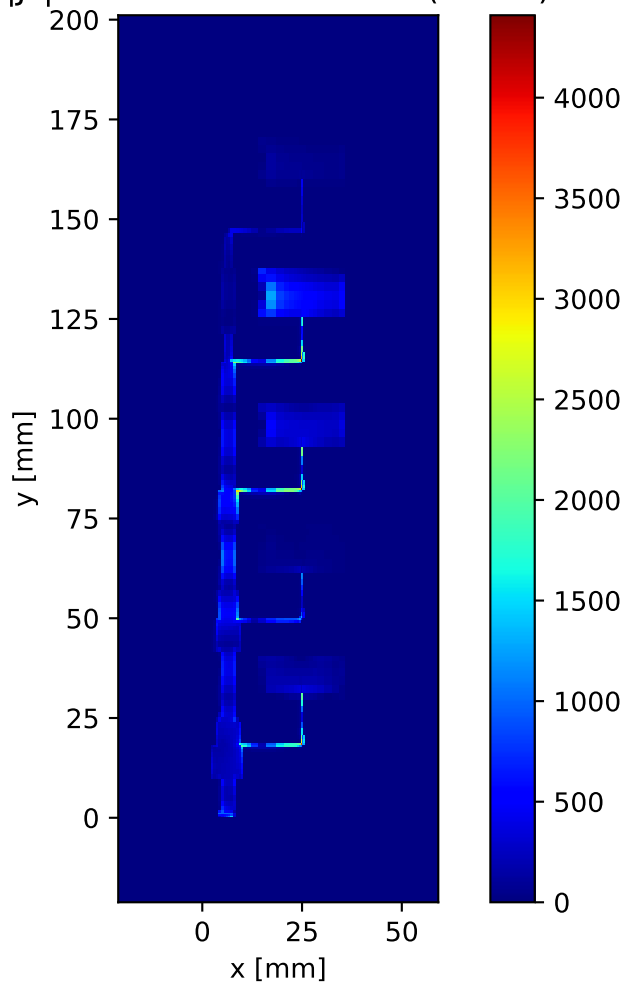
Real E_{fd} slice at z = 0.76 mm (idx 10)



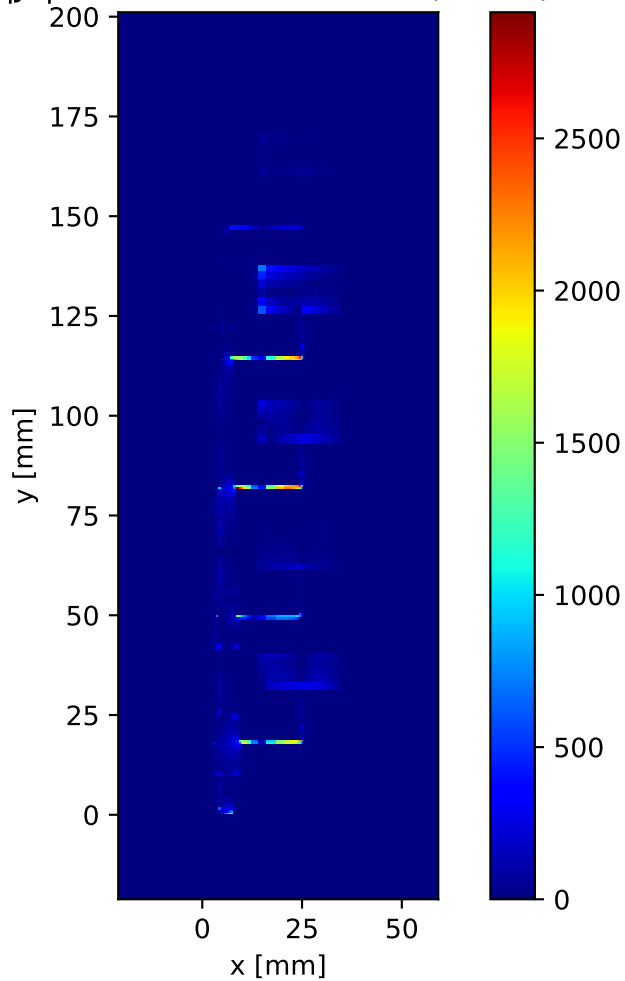
Real E_fd line cut along Y at x=58.00 mm, z=0.76 mm
(idx x=59, z=10)



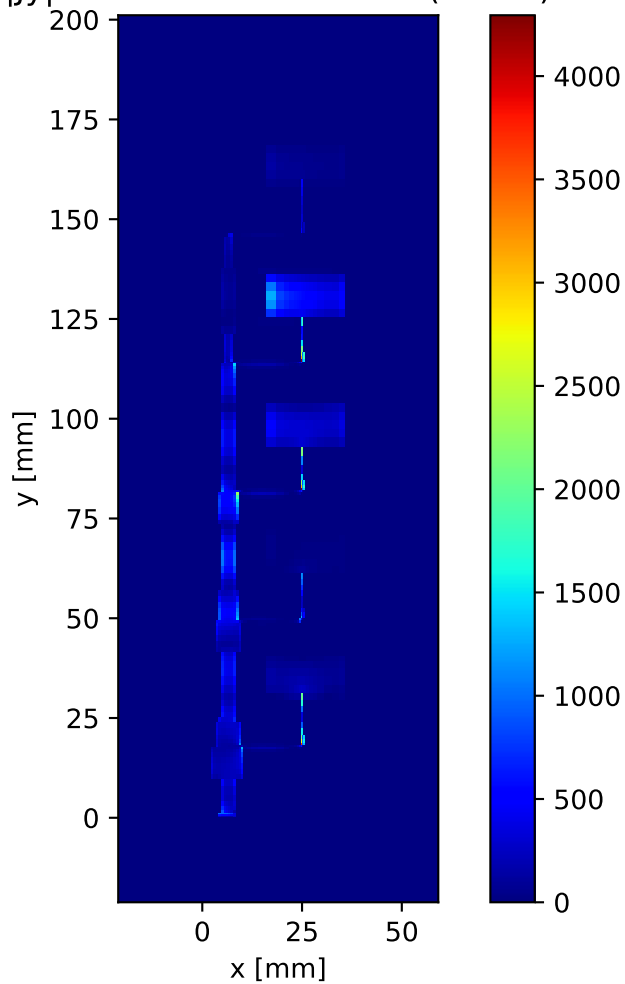
$|J_s|$ slice at $z = 1.525$ mm (idx 12)



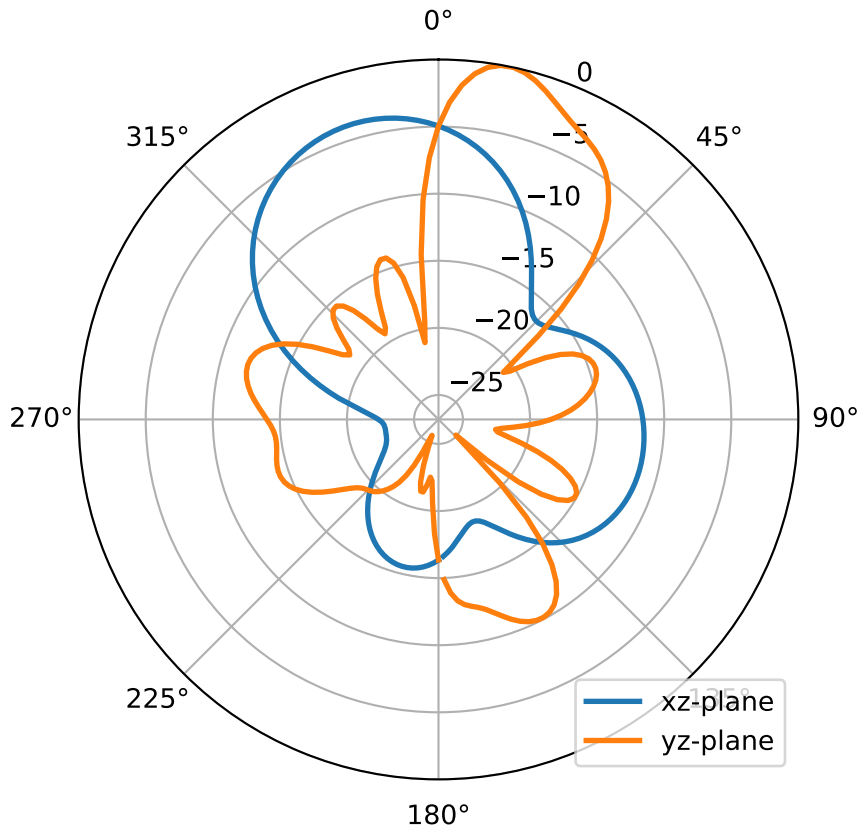
$|J_x|$ slice at $z = 1.525$ mm (idx 12)



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



Frequency: 5.800 GHz — Directivity (dB). Dmax: -13.814dB



Frequency: 5.800 GHz

