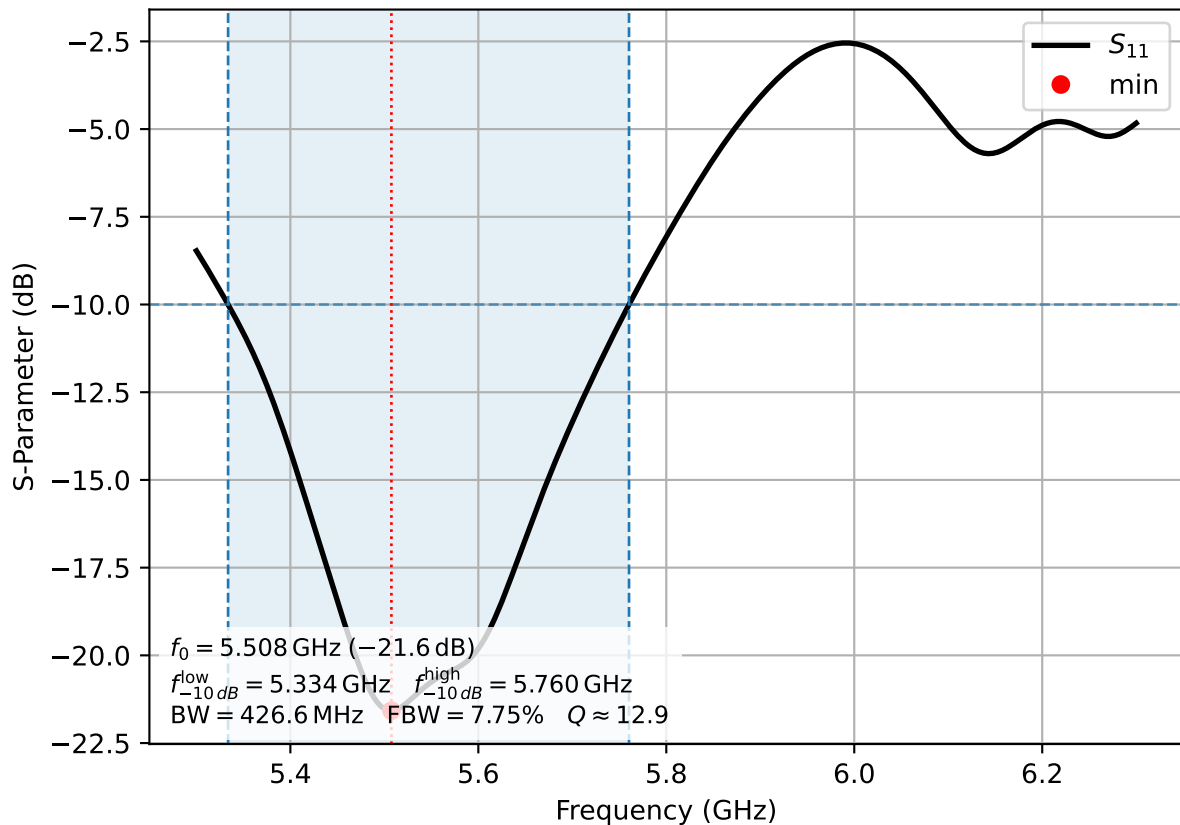


Reflection Coefficient S_{11}

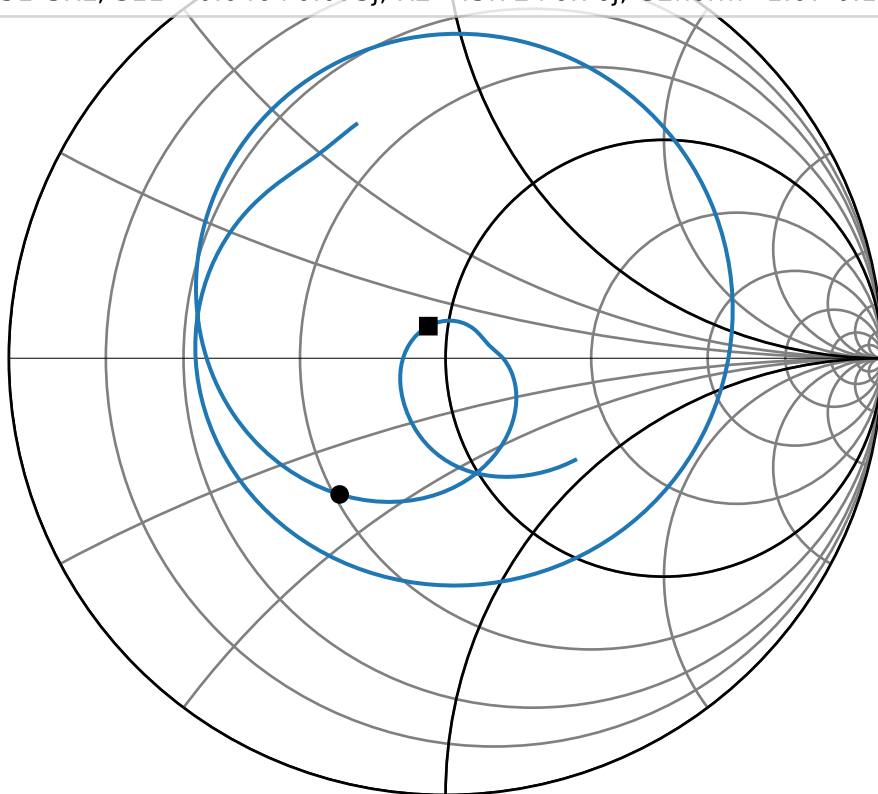


Smith Chart

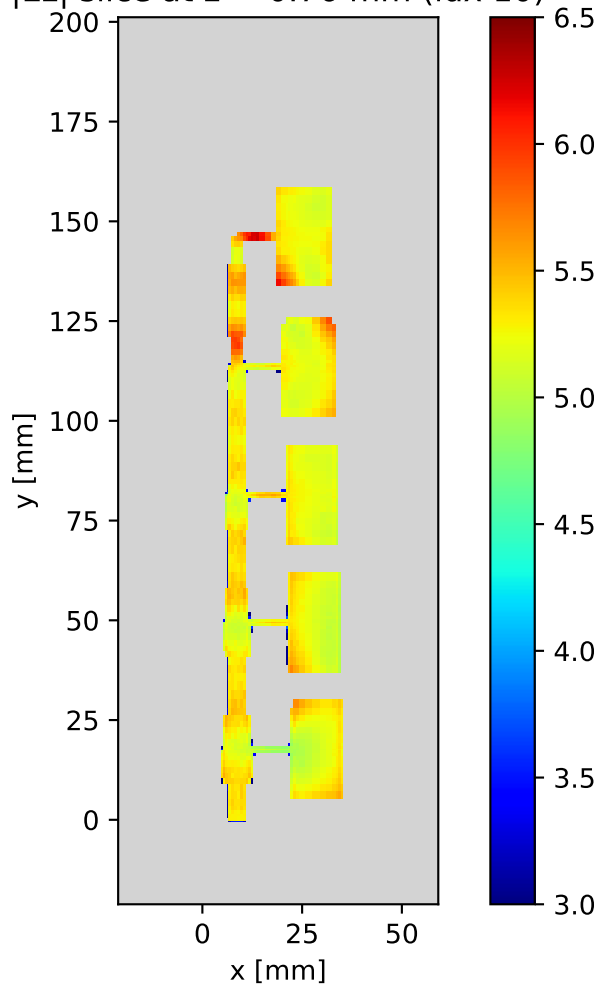
— S11 (Patch W=20.10 mm, L=10.70 mm)

● 5.80 GHz, $S_{11} = -0.243 - 0.312j$, $R = 25.71 - 19.00j$, $G_{\text{norm}} = 1.26 + 0.93j$

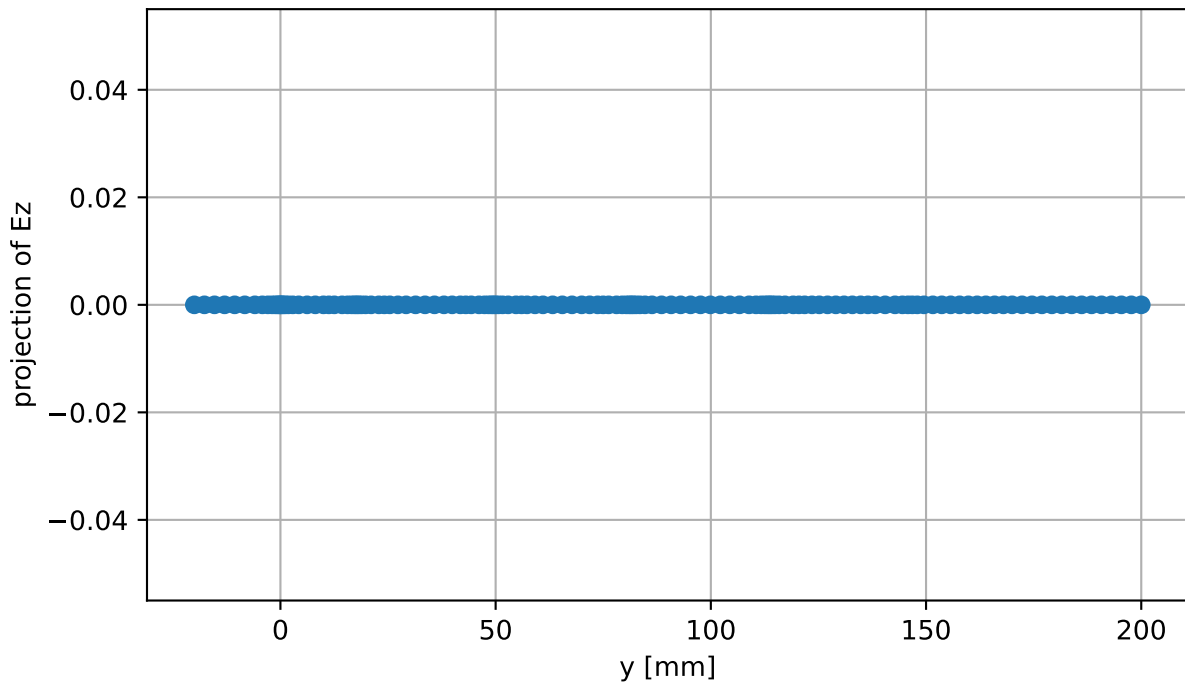
■ 5.51 GHz, $S_{11} = -0.040 + 0.073j$, $R_2 = 45.72 + 6.76j$, $G_2_{\text{norm}} = 1.07 - 0.16j$



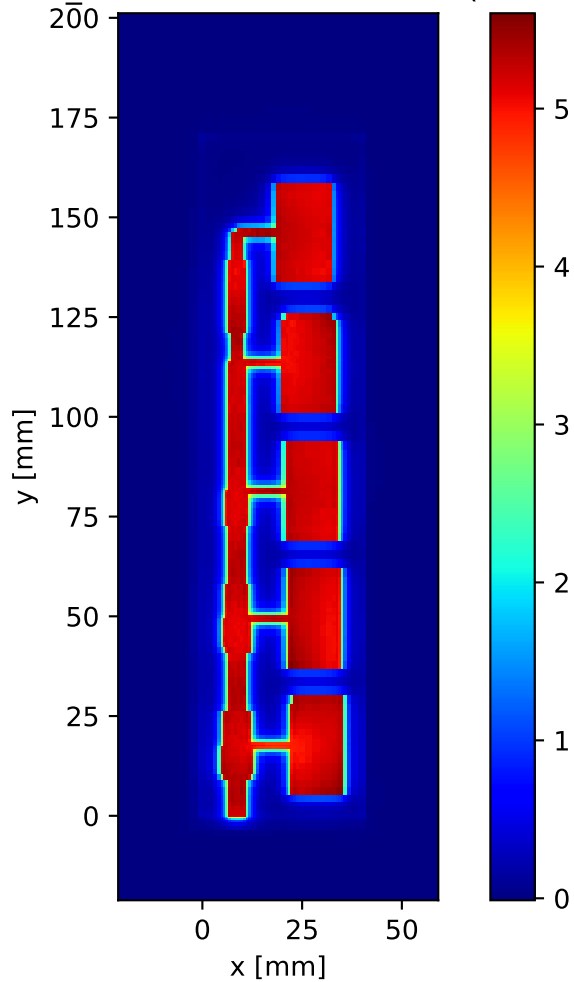
$|E_z|$ slice at $z = 0.76$ mm (idx 10)



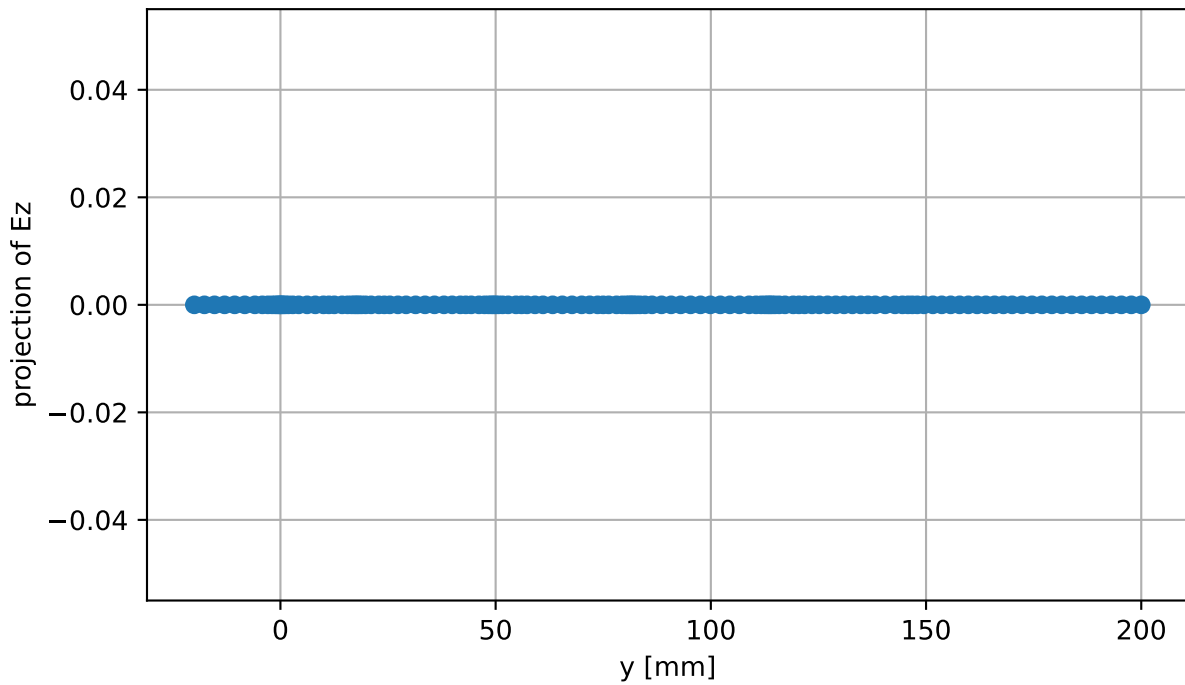
$|E_z|$ line cut along Y at $x=58.00$ mm, $z=0.76$ mm
(idx x=58, z=10)



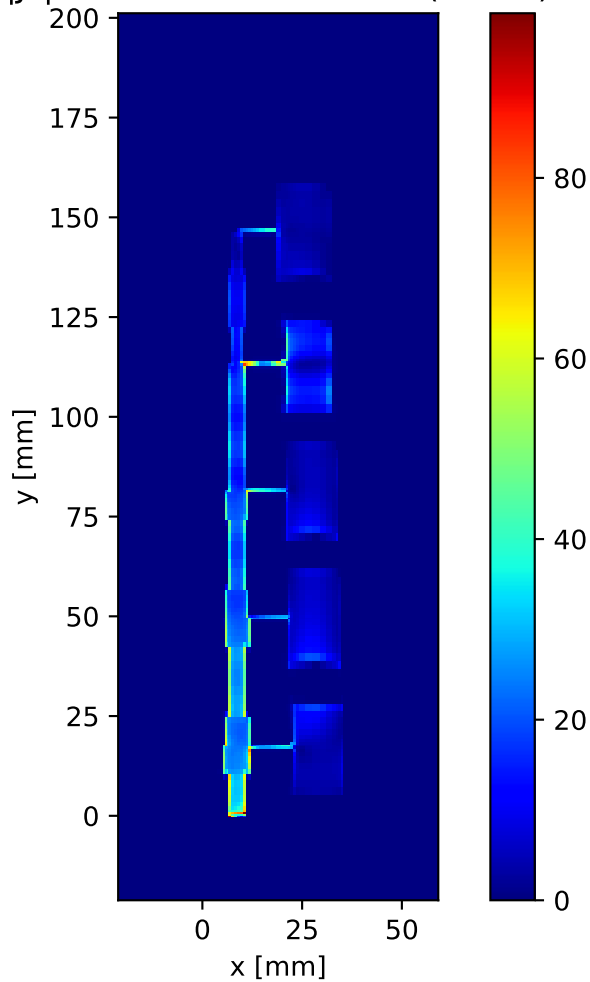
Real E_{fd} slice at z = 0.76 mm (idx 10)



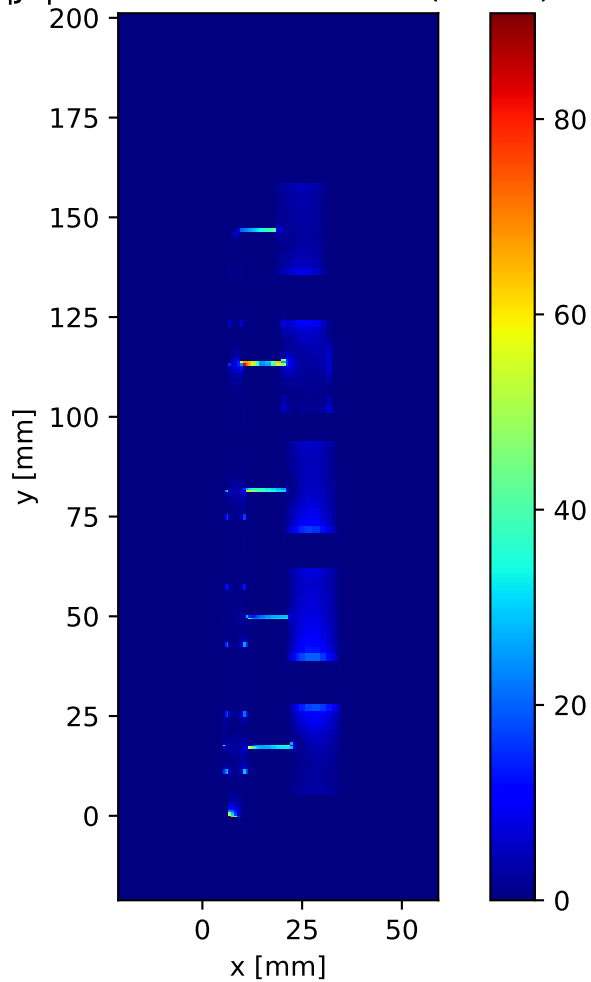
Real E_fd line cut along Y at x=58.00 mm, z=0.76 mm
(idx x=58, z=10)



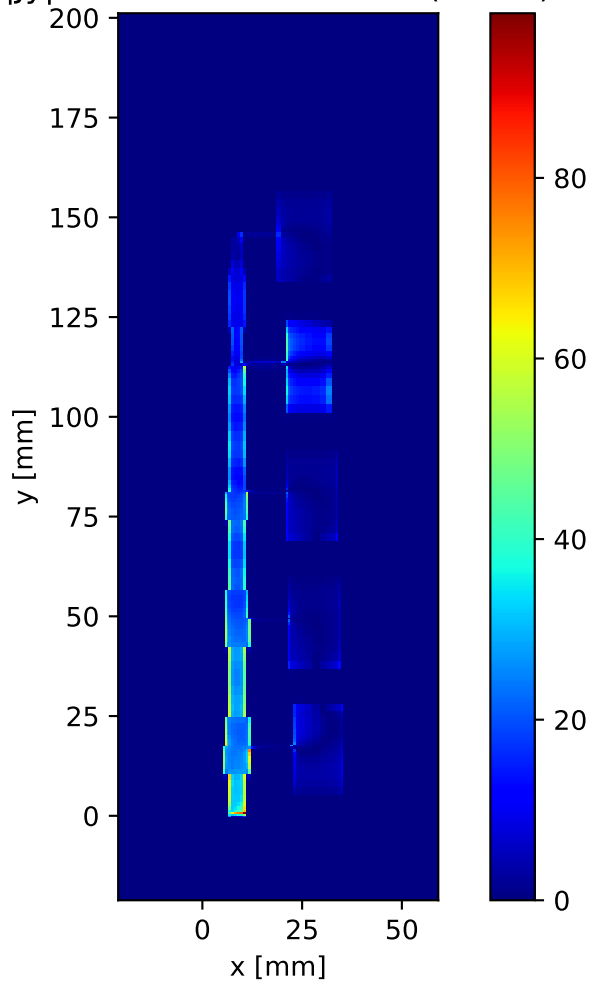
$|J_s|$ slice at $z = 1.525$ mm (idx 12)



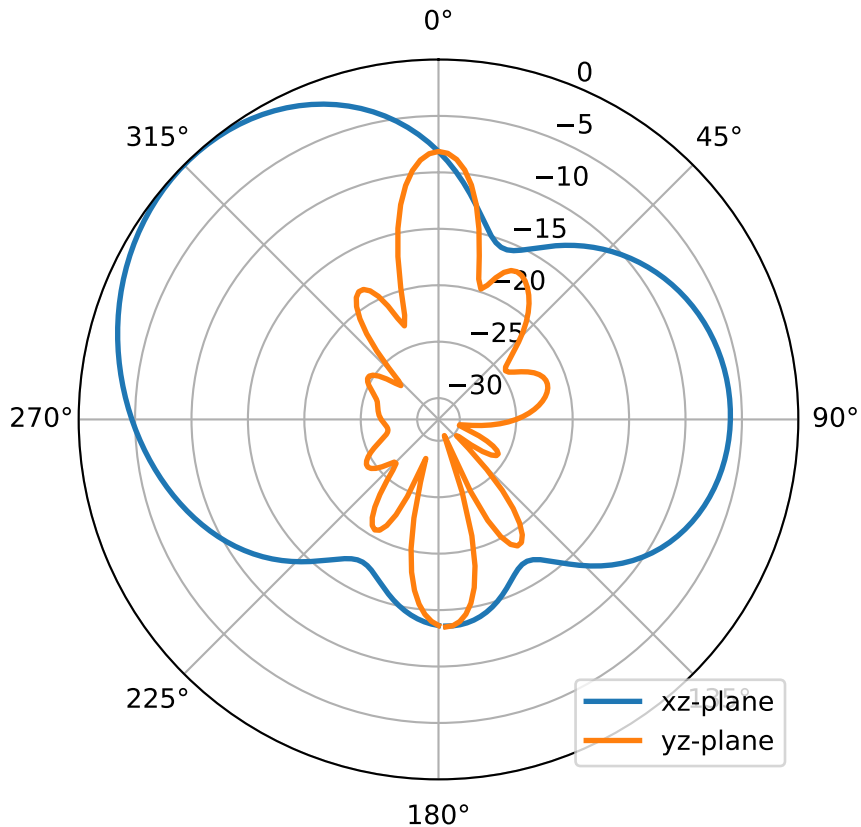
$|J_x|$ slice at $z = 1.525$ mm (idx 12)



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



Frequency: 5.800 GHz — Directivity (dB). Dmax: 86.212dB



Frequency: 5.800 GHz

