Eqn Z = sqrt(5 * 50)

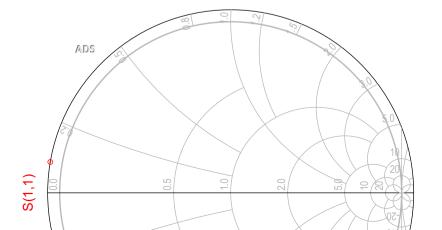
Eqn C_res = 1 / (2 * PI * freq * imag(Z1))

Z				
15.811				

Z_res	C_res	
0.032 - j2.855	3.717E-11	

Eqn
$$GL = (ZL - 50) / (ZL + 50)$$
 Eqn $Z1 = 50 * (1 + G1) / (1 - G1)$

G1	Z 1	ZL	GL
0.996 / 173.465	0.097 + j2.855	5	-0.818



22 - delta)

22 - delta)

22 - delta)