Keep in mind that the equality

$$z\left(d + \frac{\lambda}{4}\right) = y(d)$$

is only valid for <u>normalized</u> impedance and admittance. The actual values are given by

$$Z\left(d + \frac{\lambda}{4}\right) = Z_0 \cdot z\left(d + \frac{\lambda}{4}\right)$$

$$Y(d) = Y_0 \cdot y(d) = \frac{y(d)}{Z_0}$$

where $Y_0 = 1/Z_0$ is the <u>characteristic admittance</u> of the transmission