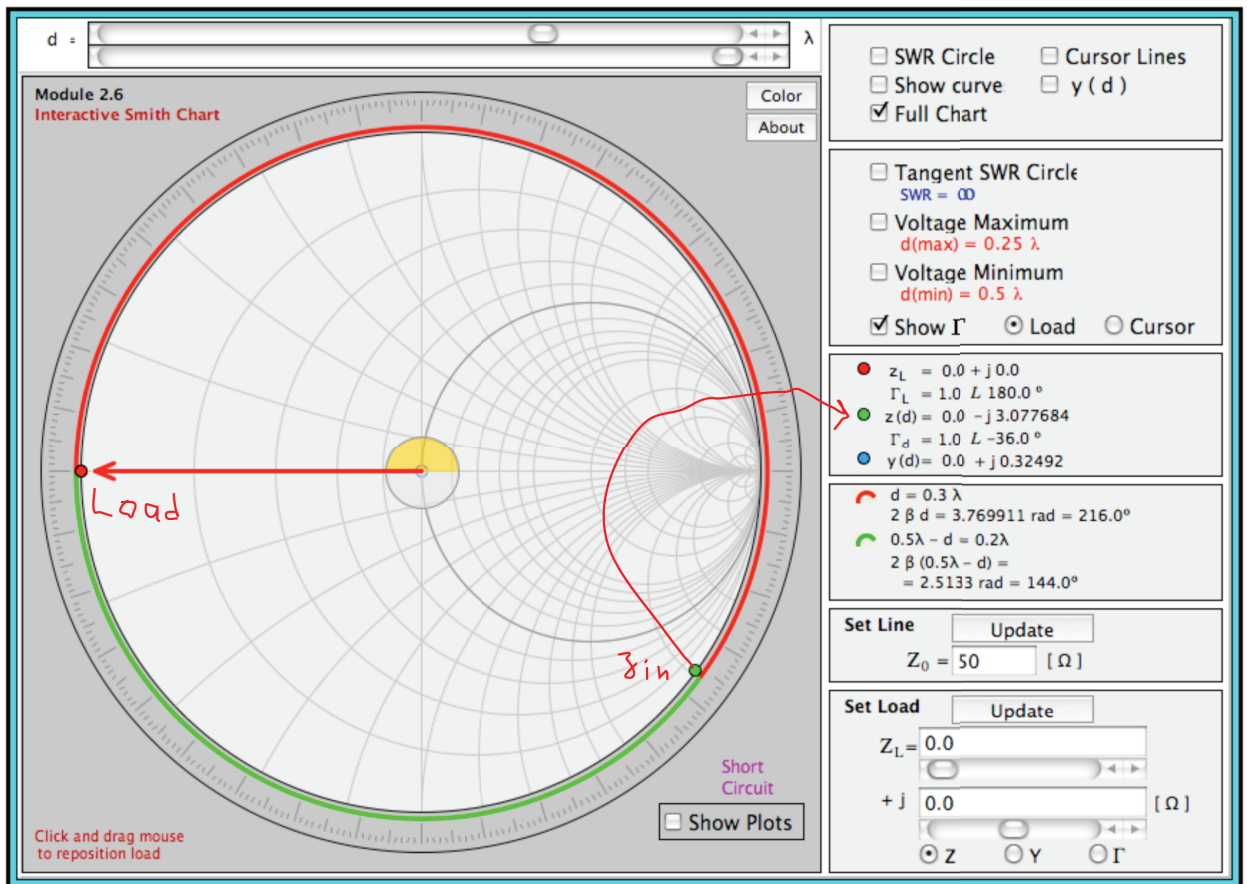


**2.56** Repeat Problem 2.55 using Module 2.6.

**Solution:** See Fig. P2.56(a) for answer to (a).



**Figure P2.56(a)**

For part (b),  $Y_{in} = -j0.04 \text{ S}$  corresponds to

$$y_{in} = -j0.04 \times 50 = -j2.$$

In Fig. 2.56(b), the needed distance is  $d = 0.0738\lambda$ .

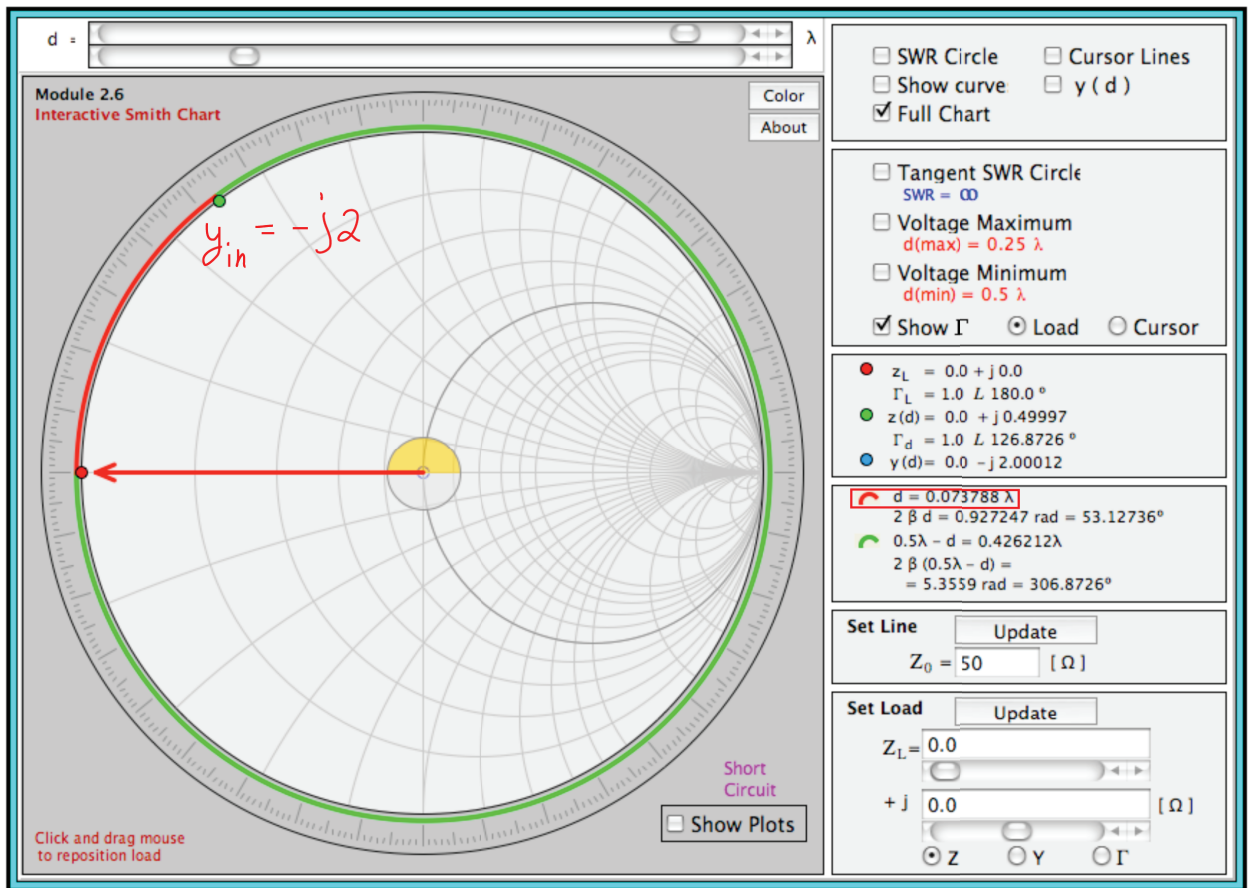


Figure P2.56(b)