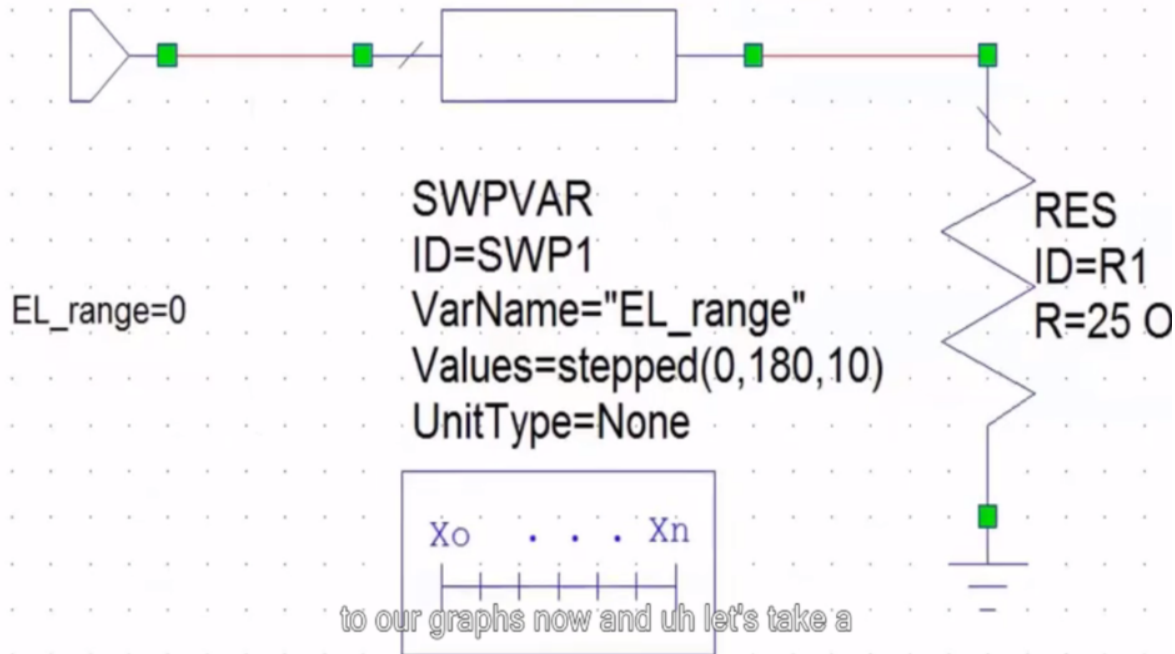
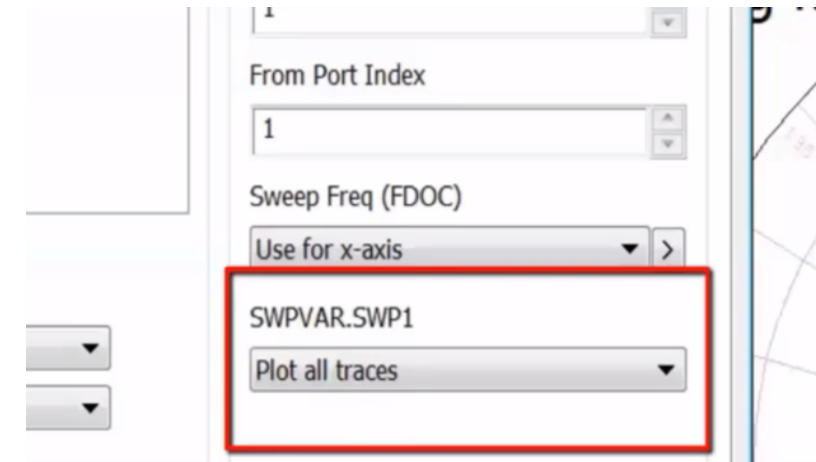


PORT
P=1
Z=50 Ohm
ID=TL1
Z0=50 Ohm
EL=EL_range Deg
F0=1000 MHz

Change EL by sweep , 0 is initial value
use this device from the elements and
chnage the parameters of it



to our graphs now and uh let's take a

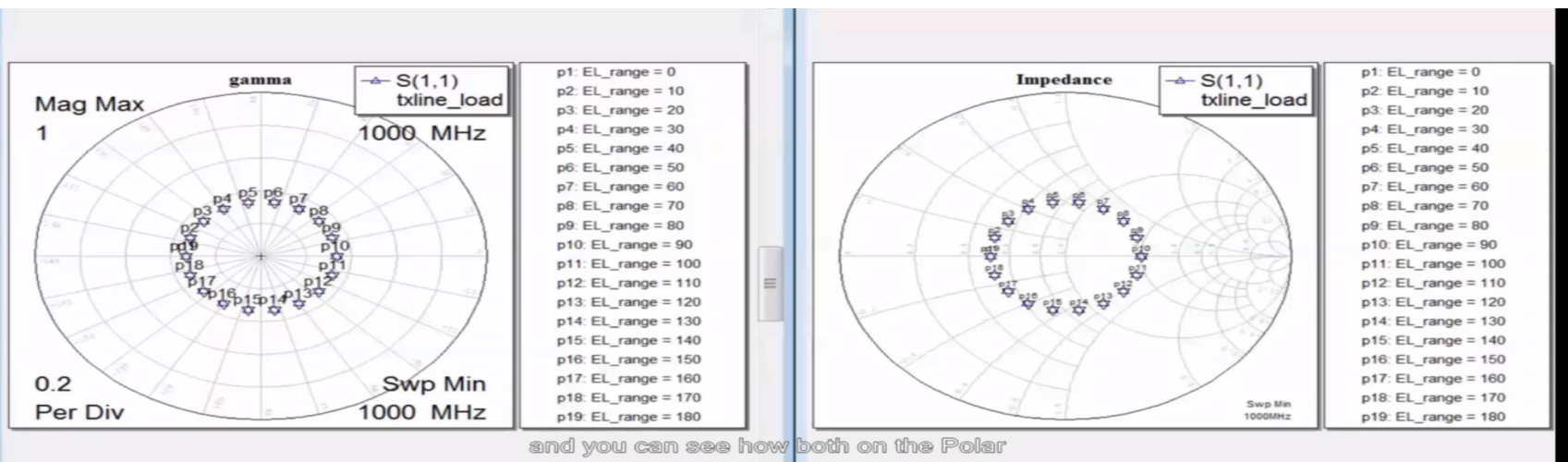


Also it appears on the graph
setup chose to plot all traces for
the sweep values

$$|\Gamma| = 0 \text{ if } Z_L = Z_0$$

$$|\Gamma| \neq 0 \text{ if } Z_L \neq Z_0$$

the sweep leads to these two plots,



and you can see how both on the Polar