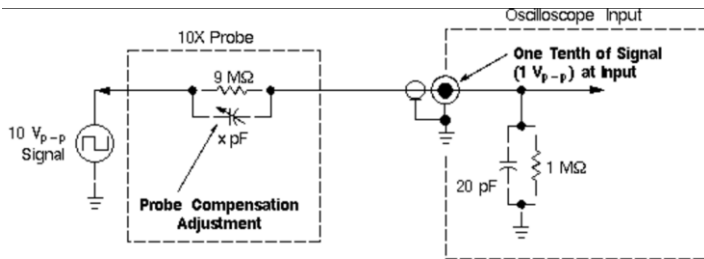


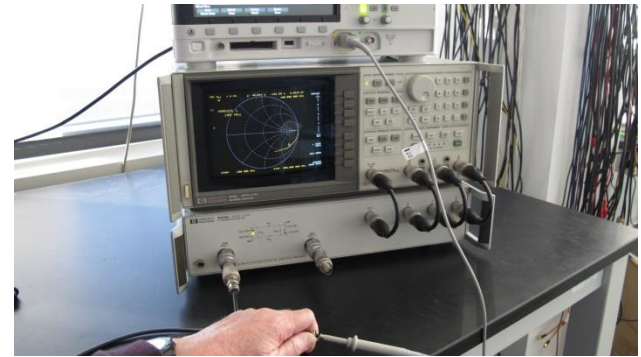
The Truth about Modern Oscilloscopes

(Debunking the Myth of the 10M || 15 pF Input Impedance of scope probes)

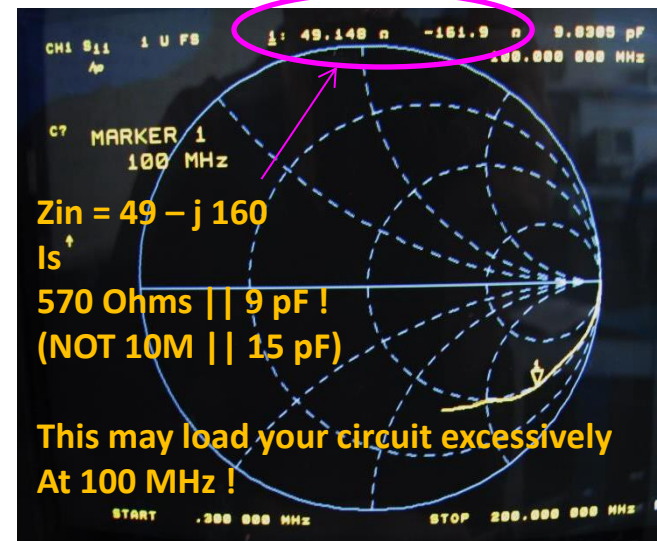
Typical model found on Web:



But at RF, it's simply **NOT TRUE !**



Its even stated on the probes themselves:



The Truth about Modern Oscilloscopes

The input impedance to the scope itself is $45 - j 200$ at 100 MHz
(This is **934** || **7.6 pF** at 100 MHz NOT **1M** || **12 pF**)

