Special Problem II.B-18

For the design below, determine the **largest possible** value of P_{in} where none of the devices are in saturation.

Recall that the 1dB compression points of amplifiers are given with respect to their **output** power.

P_{in}

G_1=15 dB
P_{1dB}=+15 dBm

5 dB
attenuator

G_2=10 dB
P_{1dB}=+18 dBm