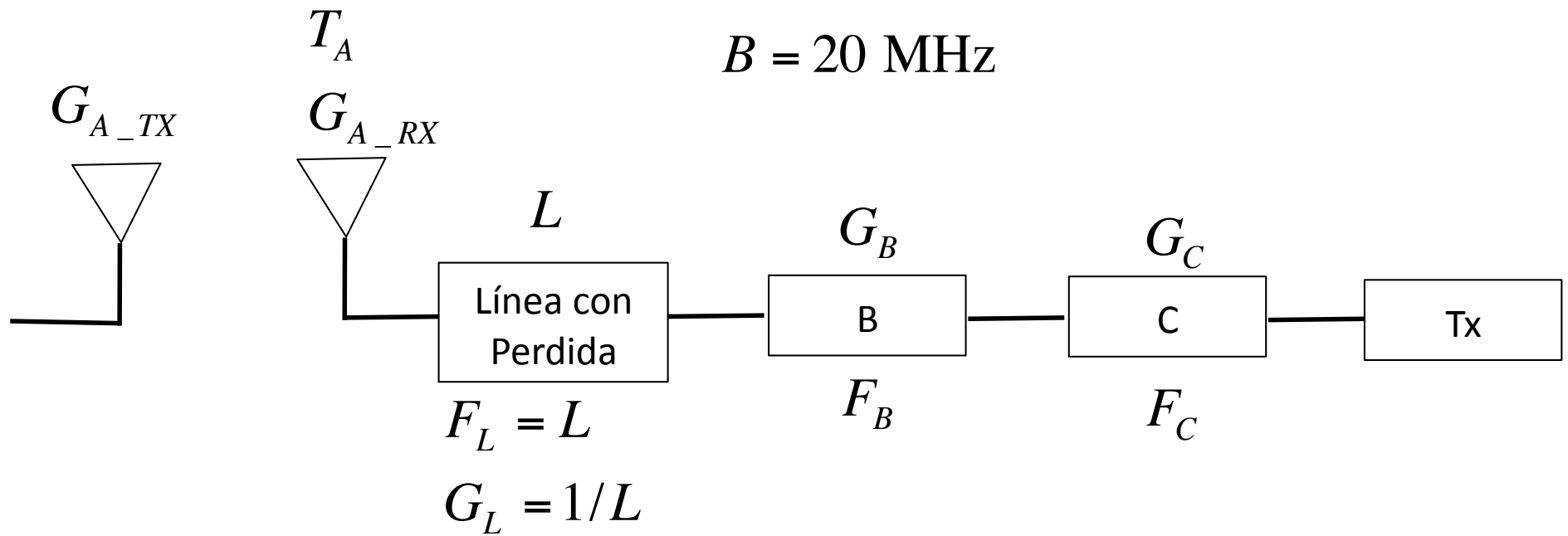


Formulario Practica 1

Luca Martino

Apuntes-Laboratorio
no revisados (cuidado!!!)



$$T_0 = 27 + 273 = 300 \text{ K}$$

$$T_{eqRX} = T_0 (F_{RX} - 1)$$

$$T_{eqTotal} = T_A + T_{eqRX}$$

$$F_{RX} = F_L + \frac{F_B - 1}{G_L} + \frac{F_C - 1}{G_L G_B}$$

$$K = 1.38 \times 10^{-23} \text{ (J/K)}$$

$$N_0 = KT \text{ (W/Hz)}$$

$$P_N = KTB \text{ (W)}$$

$$P_N = \underbrace{10 \log_{10}(K)}_{-228,6} + 10 \log_{10}(T) + 10 \log_{10}(B) \text{ (dbW)}$$

$$P_N|_{dbm} = P_N|_{dbW} + 30 \text{ (dbm)}$$