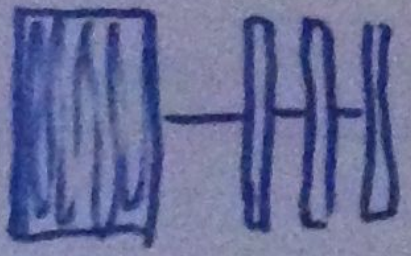
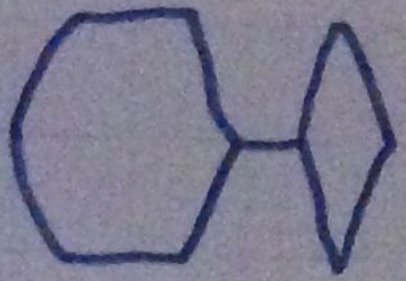
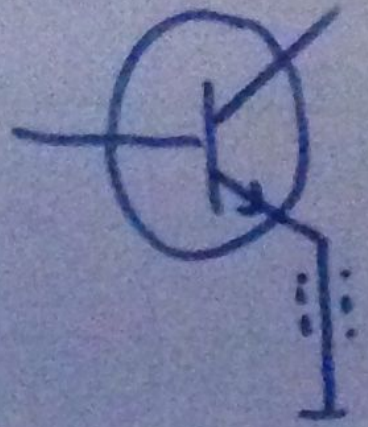
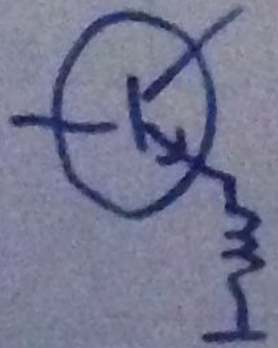
$b =$ — ...

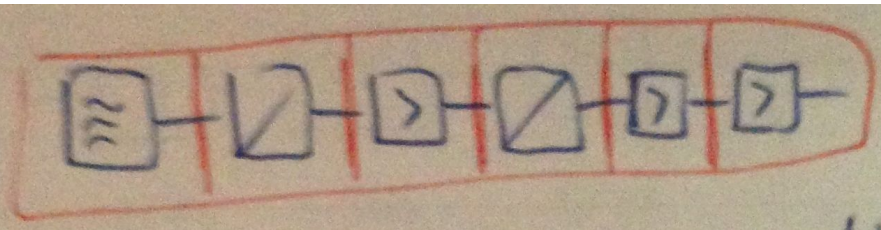
$$\frac{P_{out}}{P_{in}} \cdot 100 \; [\%]$$











UHF

430 - 440 MHz

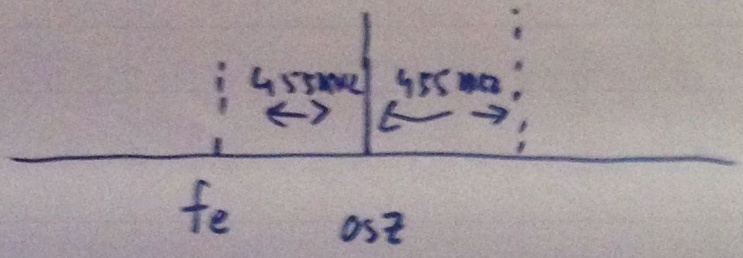
470 - 870 MHz

MW

531 kHz - 1602 kHz

1810 - 2000

ZF = 455 kHz



KW

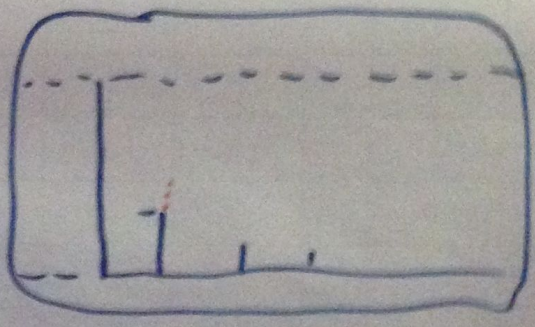
0,25 µV

40 dB

UKW

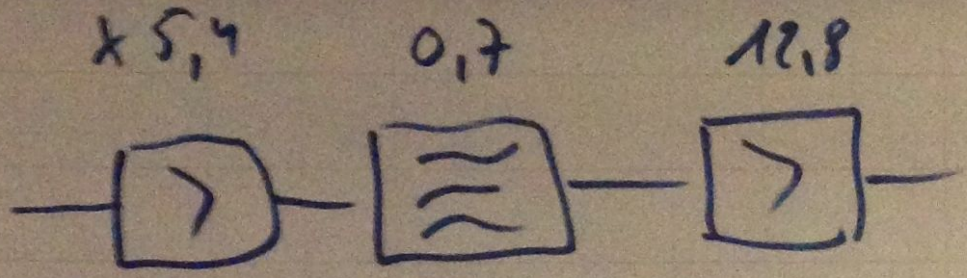
0,25 µV

60 dB



$$\frac{1000}{0,25} = 10 \cdot \log 4000$$

$\triangleq$ -36 dBm



15 dB
Spann

-3 dB

12 dB
Gain

$V_U = 20 \cdot \lg \frac{U_1}{U_2}$

$V_P = 10 \cdot \lg \frac{P_1}{P_2}$

2:1 = 6 dB

10:1 = 20 dB

100:1 = 40 dB

2:1 = 3 dB

4:1 = 6 dB

10:1 = 10 dB

100:1 = 20 dB

15