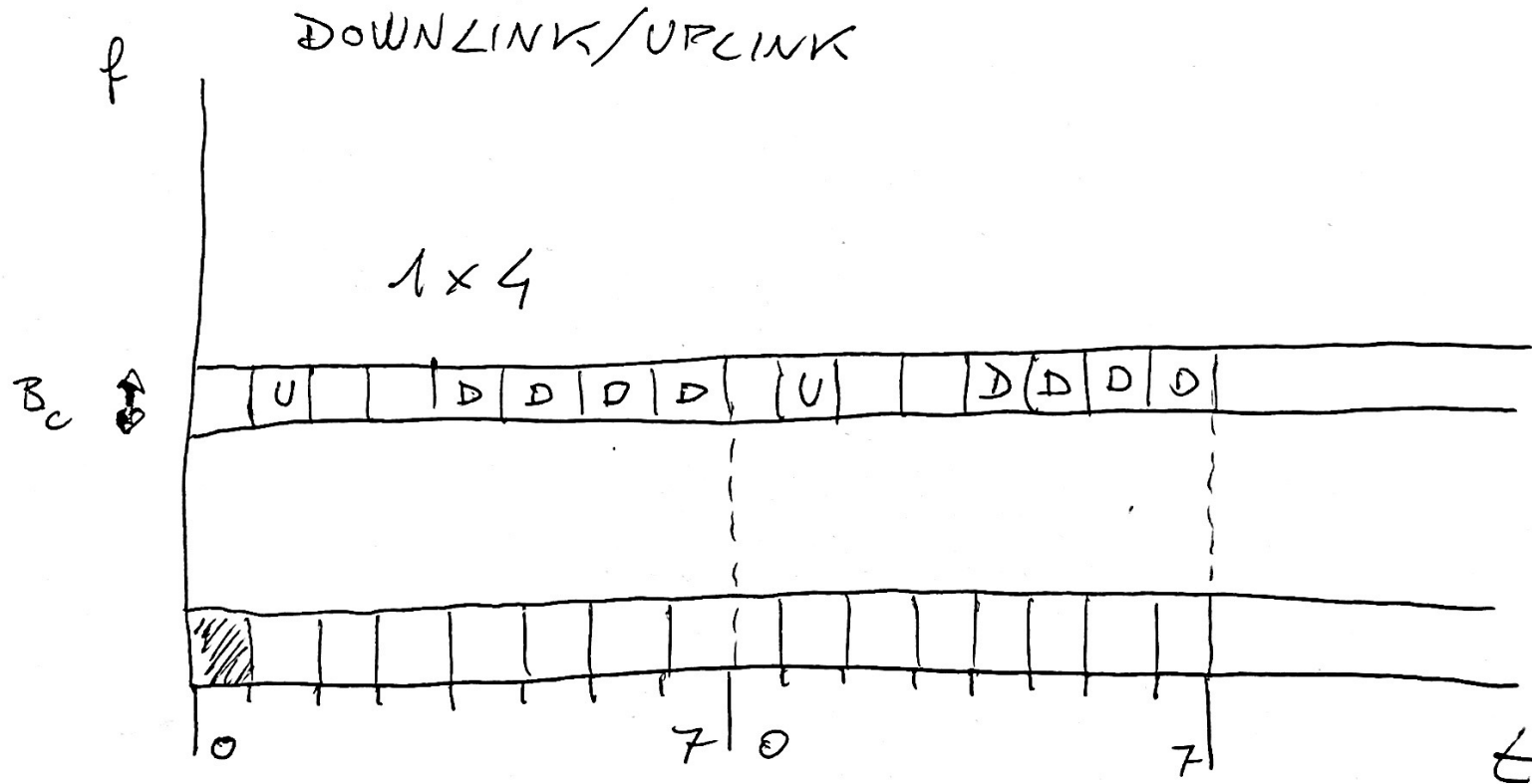


GPRS

$$B_c = 200 \text{ kHz}$$

$$T_f \sim 4.6 \text{ ms}$$



### CODING SCHEMES

CS 1

$$R_c = 0,57$$

$$U \sim 8 \text{ Kbit/s/RU}$$

CS 2

$$R_c \sim 2/3$$

$$U \sim 12 \text{ Kbit/s/RU}$$

CS 3

$$R_c \sim 3/4$$

$$U \sim 14.4 \text{ Kbit/s/RU}$$

CS 4

$$R_c \sim 1$$

$$U \sim 20 \text{ Kbit/s/RU}$$

$\sim 1/2$

GSM → GPRS → EDGE

$R_b = 271 \text{ kbit/s}$

GMSK

CS 1

1 RU

---

$R_b = 271 \text{ kbit/s}$

GMSK

CS 1 ÷ 4

1 ÷ 4 RUs

---

$R_b = 271 \div 384 \text{ kbit/s}$

GMSK ÷ Q-PSK

MCS 1 ÷ 9

1 ÷ 4 RUs

---

GSM

GPRS

EDGE

