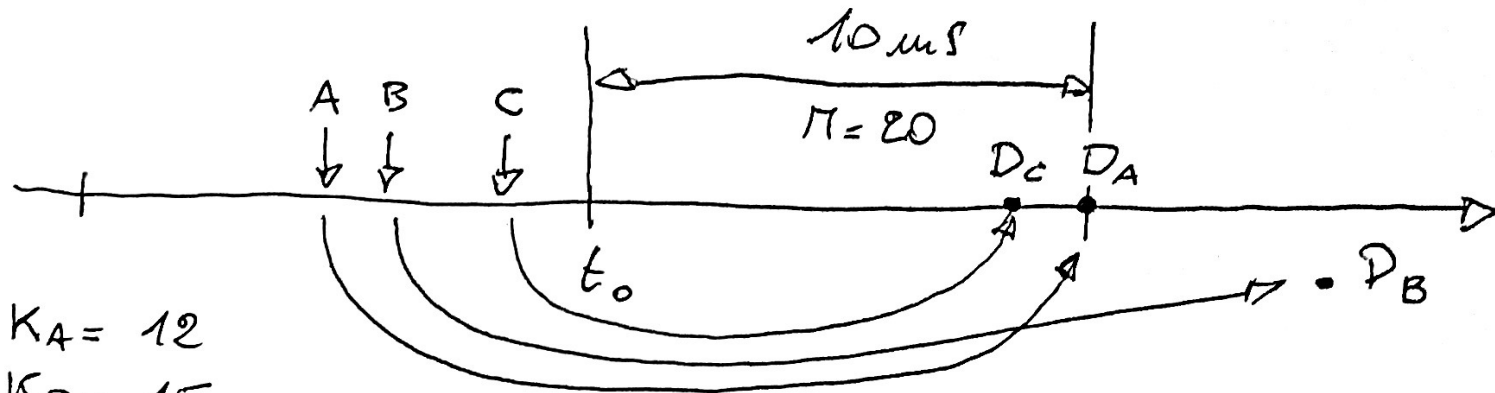


# RRM #1



$$K_A = 12$$

$$K_B = 15$$

$$K_C = 2$$

$$SNR = SNR_{1m} d^{-4}$$

$$SNR_A = 10^{8.6} \cdot 50^{-4} \approx 4 \cdot 10^8 \cdot 0.16 \cdot 10^{-6} = 64 = 18 \text{ dB}$$

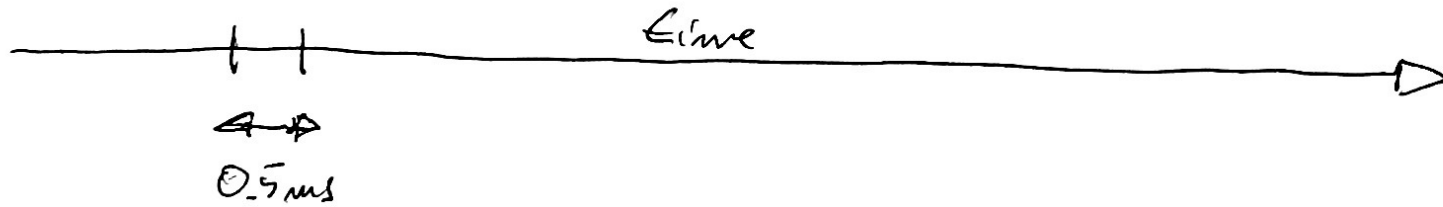
$$SNR_B = 10^{8.6} \cdot 10^{-4} \approx 4 \cdot 10^8 \cdot 100 \cdot 10^{-6} = 40000 = 46 \text{ dB}$$

$$SNR_C = 10^{8.6} \cdot 100^{-4} \approx 4 \cdot 10^8 \cdot 0.01 \cdot 10^{-6} = 4 = 6 \text{ dB}$$

$$SNR^* = 9 \text{ dB}$$

# RRIT # 1

	RUs										D <sub>C</sub>		D <sub>A</sub>		LAG								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
RR	A	B	<del>C</del>	A	B	<del>C</del>	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C, A UNHAPPY	A B C	3 0 0
EDF	<del>C</del>	<del>C</del>	A	A	A	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	C UNHAPPY	A B C	0 0 0
MT	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	A	A, C UNHAPPY	A B C	7 0 2
PF	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	A, C UNHAPPY	A B C	2 5 2



	S <sub>T<sub>n</sub></sub>	J
RR	18	0.67
EDF	18	0.6
MT	20	0.53
PF	20	0.67