**Upload until : 10:25**

SSRG[10,3] sequence is used to spread a baseband signal with 100 ksym/s. The rate of the pn-sequence is 2 periods/symbol. The resulting spread signal is multiplied with a carrier with *fc*=4.d1d0 GHz where d1d0 is the last two digits of your student-id. For example, if the last two digits of your student id is 49 then *fc*=4.49. Find the bandwidth of the modulated signal.

Put your calculations/results **in the** drawing canvas below. **Do not** change anything else except putting your name/id on top of the page.

Upload your answer (word or pdf) before 10:25. **No e-mails** will be accepted.