```
NAlice=10^6; %Logical bits send by Alice
probd=0.10; %Probability of bit being a decoy
efficB=0.1*0.1*0.9; %Efficiency of Detetor from Bob
ProDarkCountBob=10^-5; %Probability of Dark count by Bob
ProDarkCountEve=0; %Probability of Dark count by Eve
QBERTest=10^3; %Amount of bits compared for QBER Test, in this simulation
%they can use the same bit more than once
```

Without the attack, QBER=0, Key Length=15340 and KeyPercent=0.00817