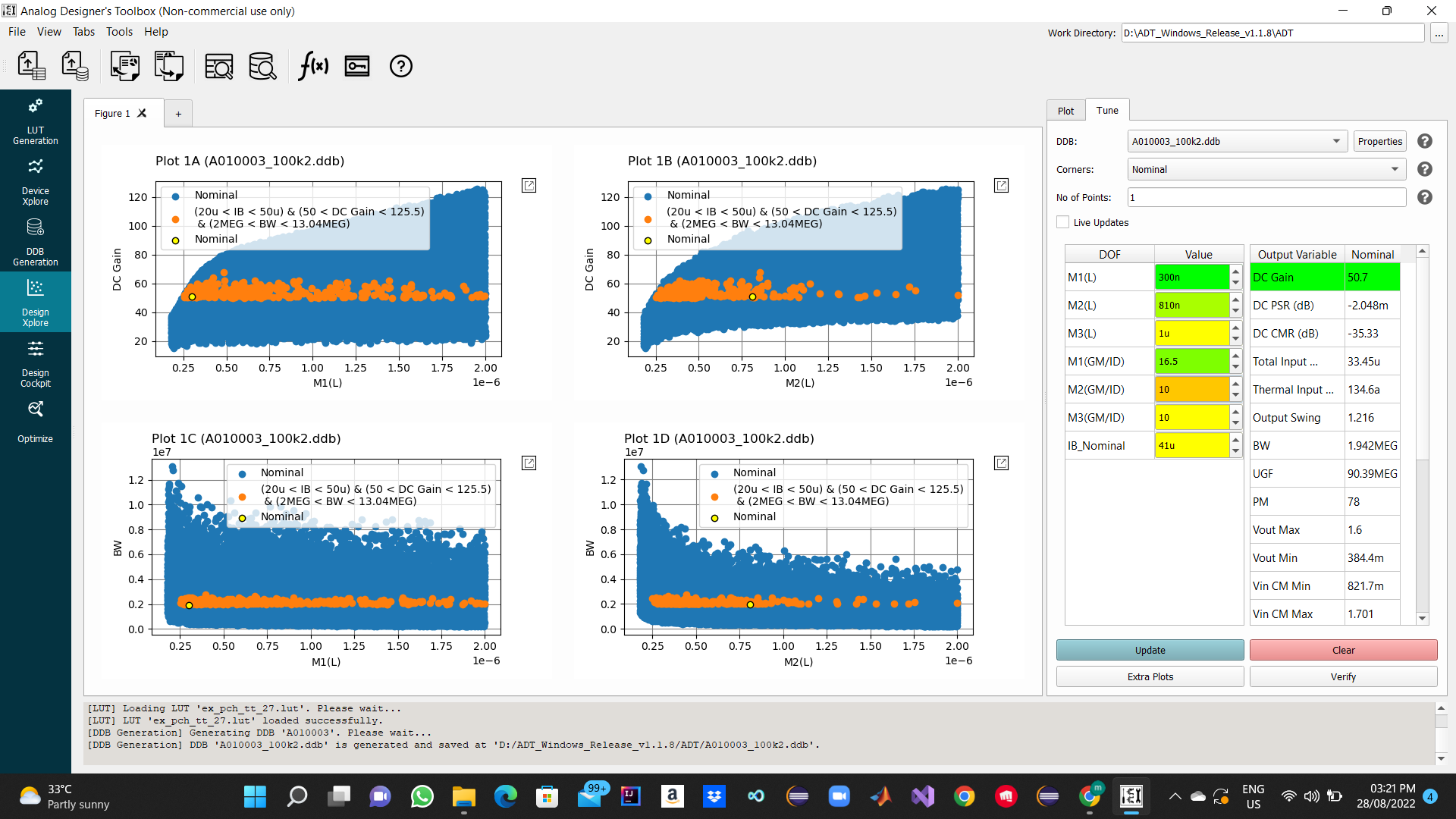
PART 1

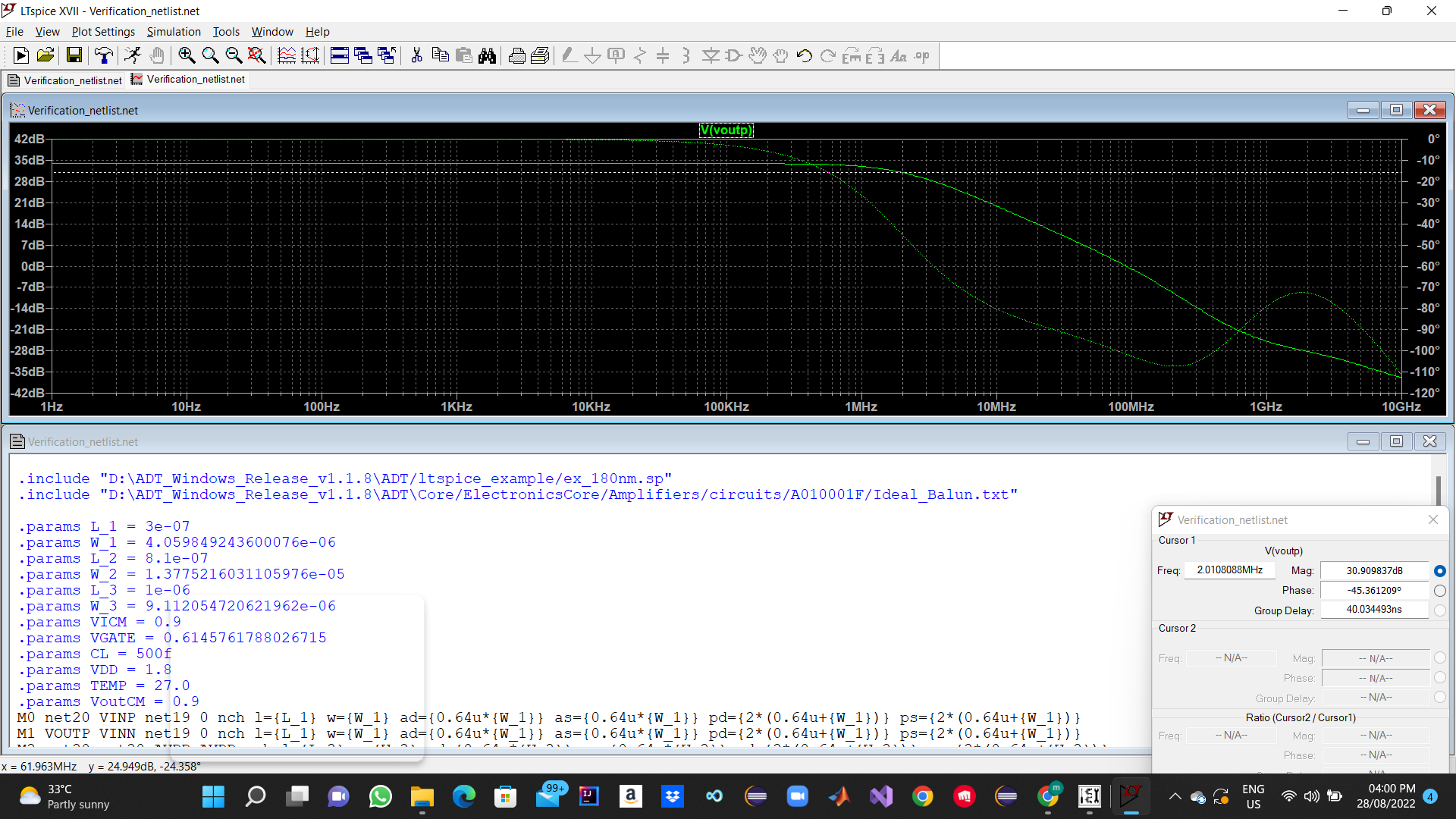
Question1:



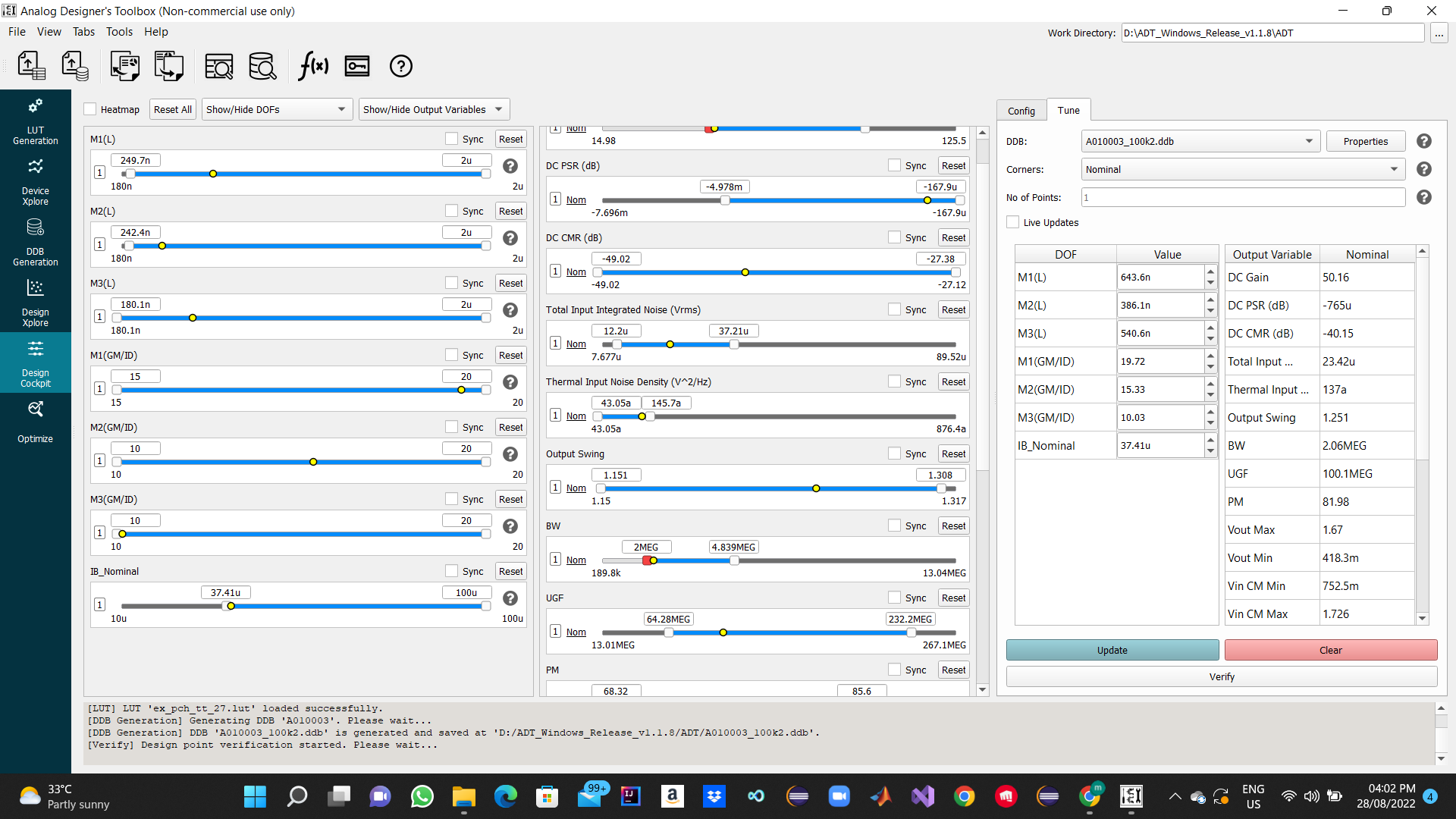
Question2:

Verifying Results

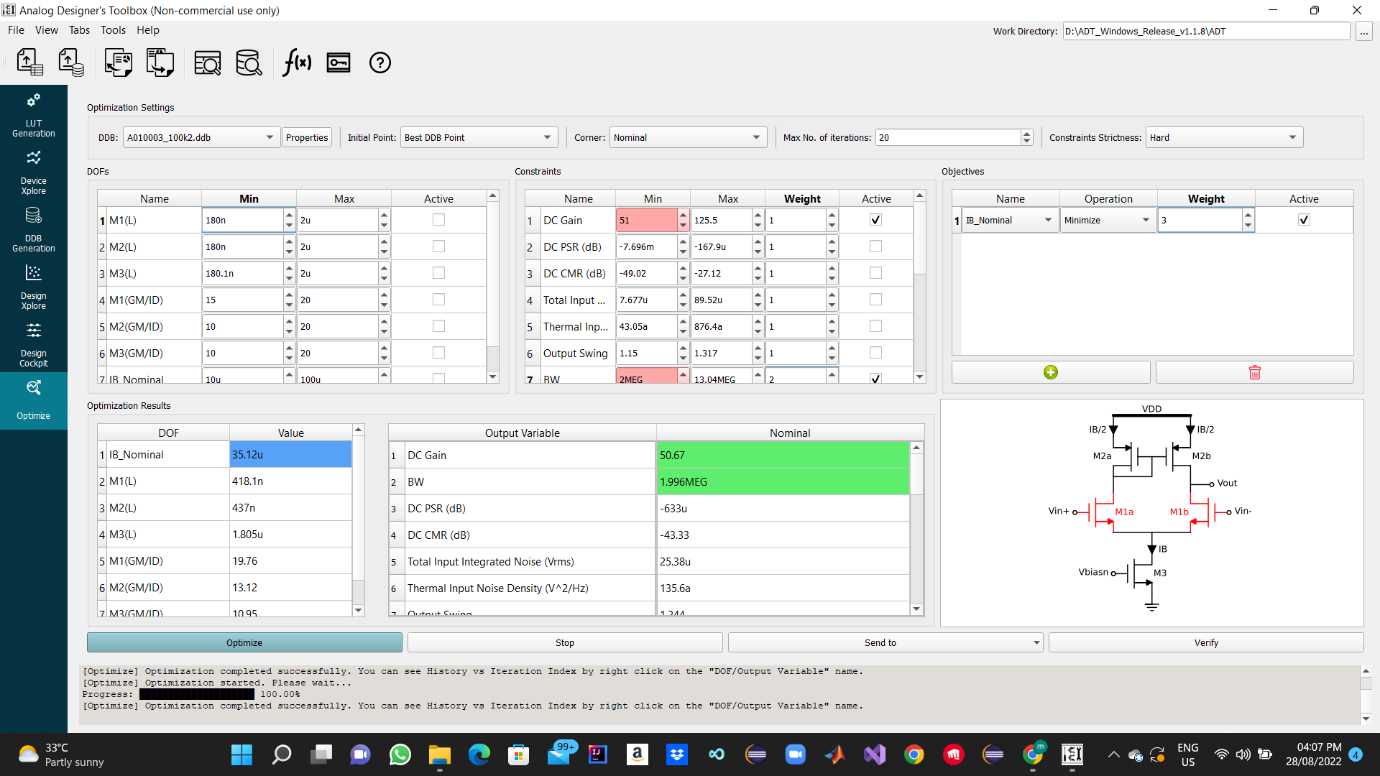
GBW=100Mega , Avdc=34db



Question3:



Question4:



Question5:

Figure 1 Results .

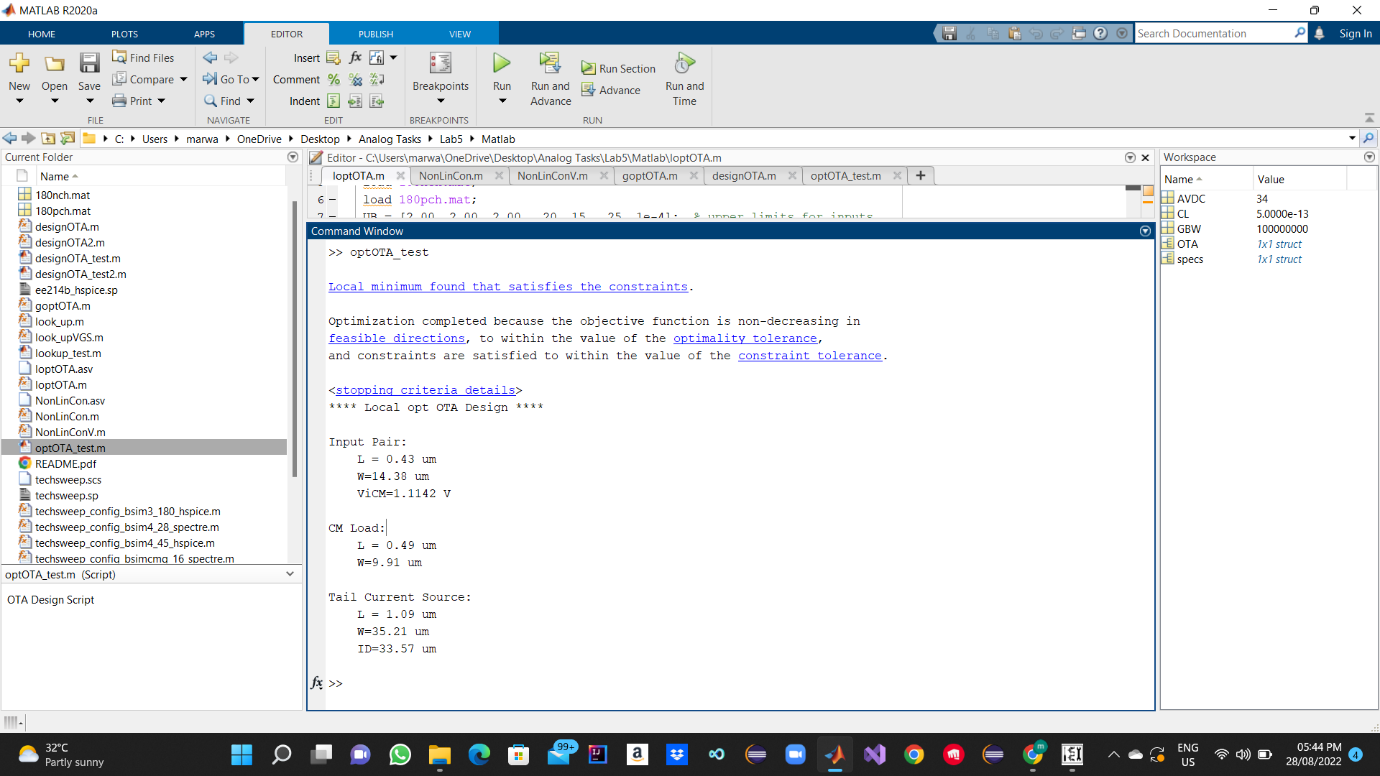


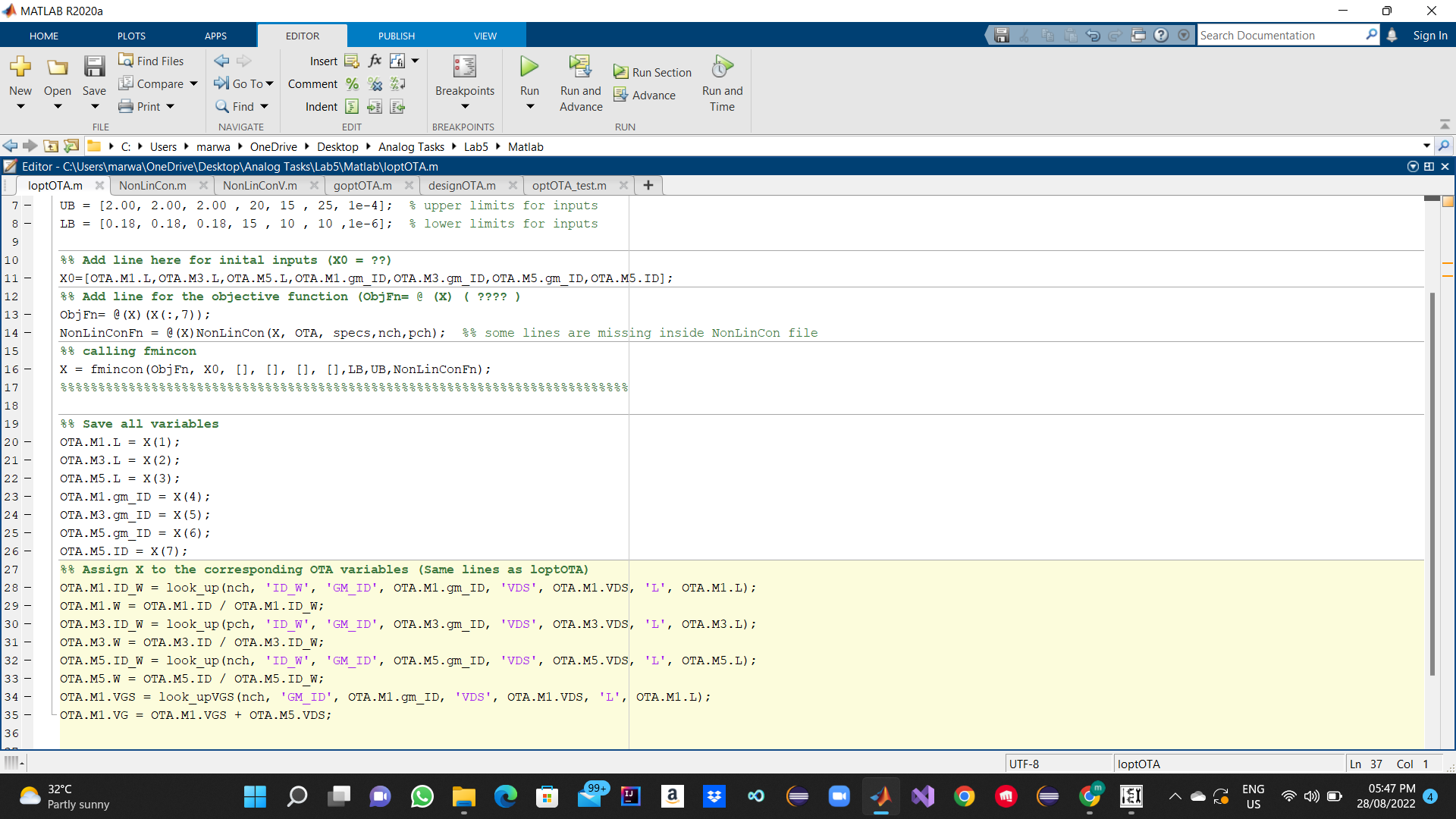
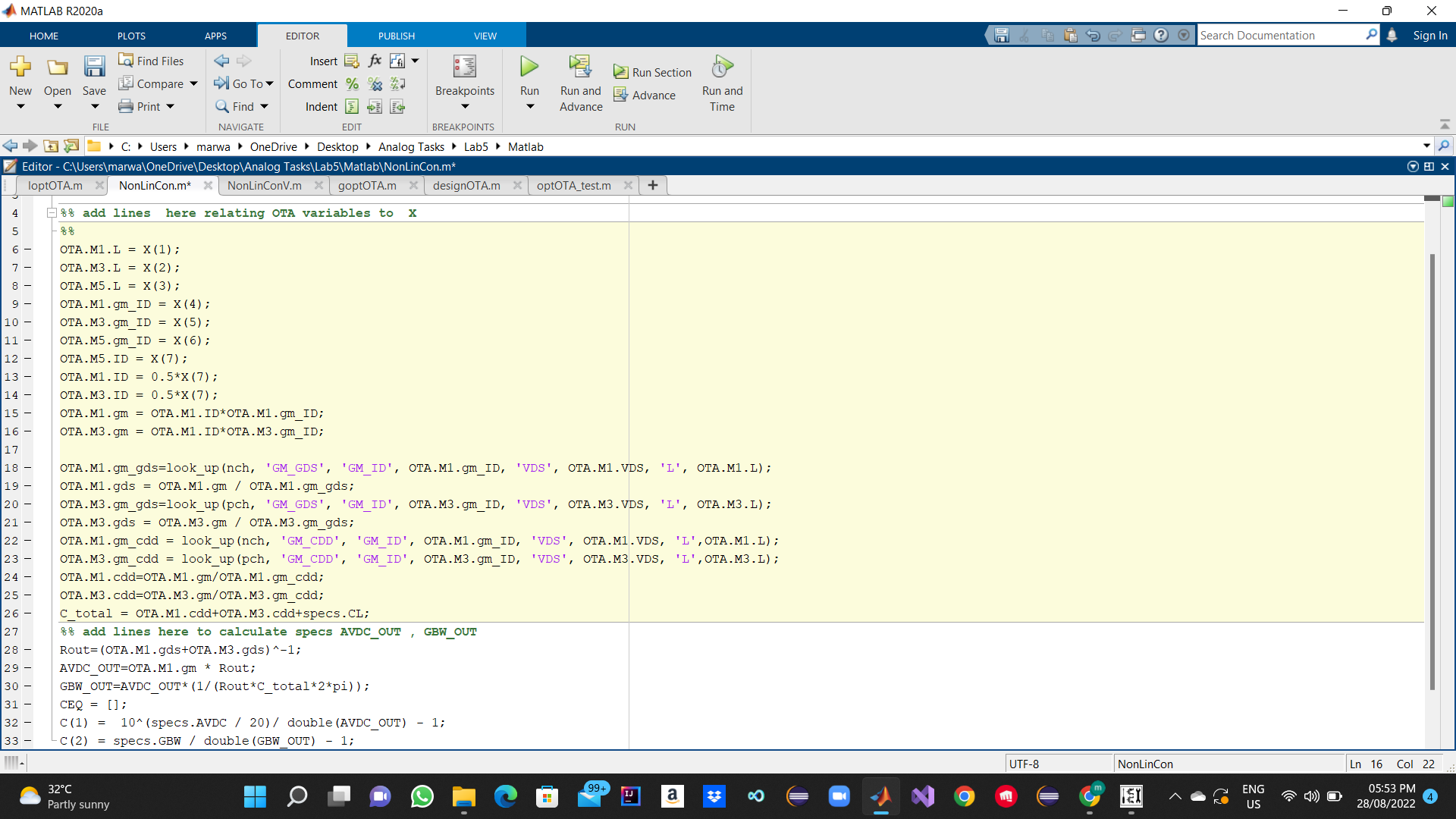
Figure 2 lopt function . 

Figure 3 Nonlincon function .



Question6:

