

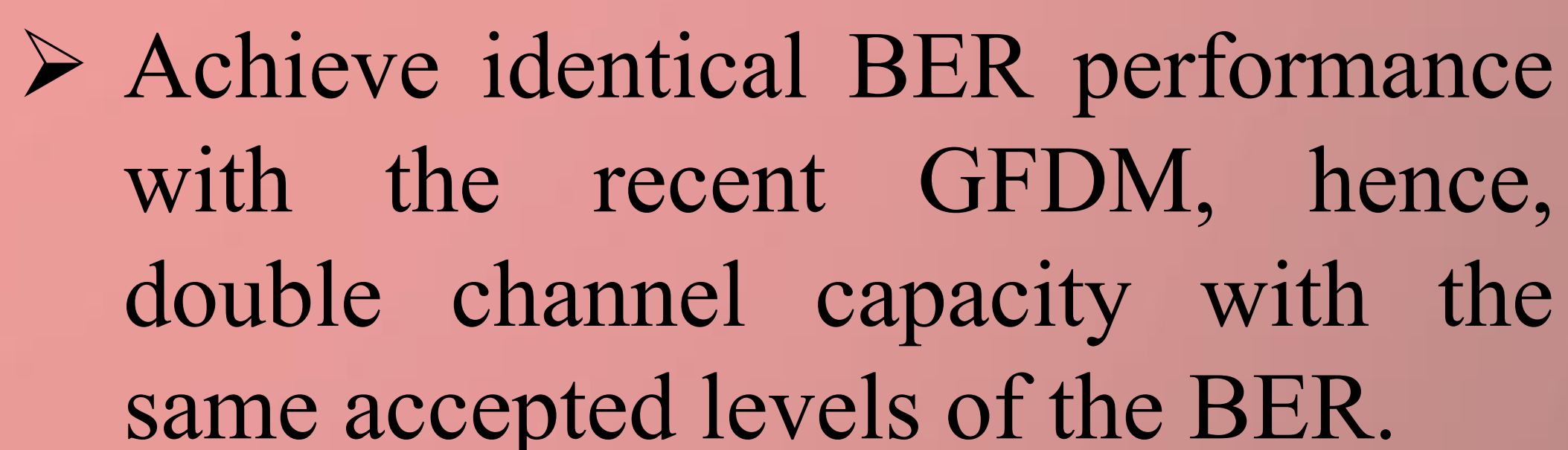
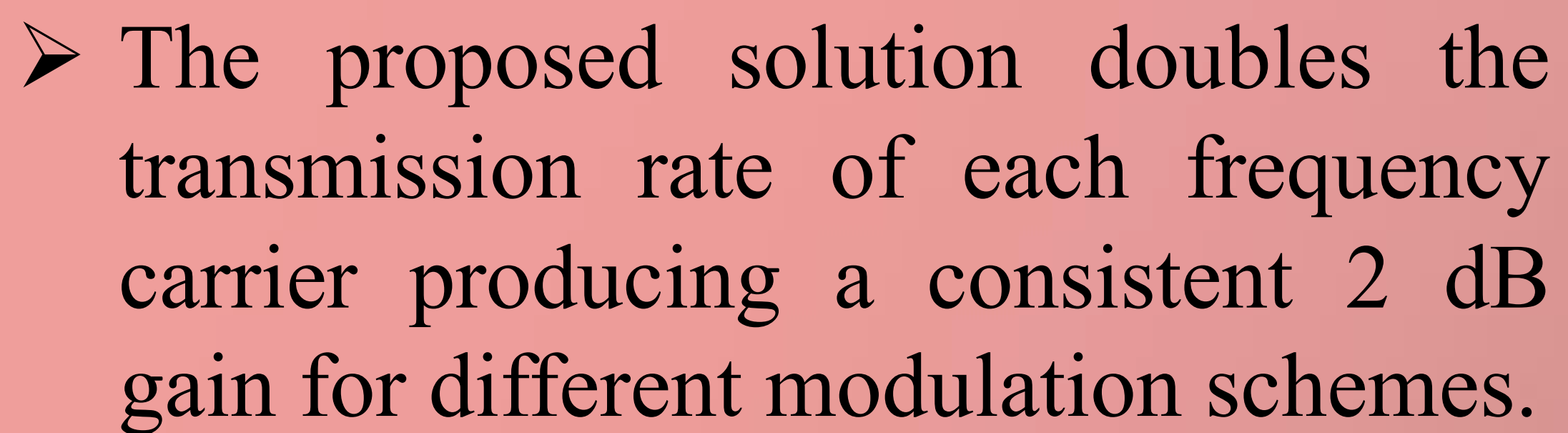


# Towards 5G Mobile

**The University of Northampton.**  
**Art, Science, and Technology.**  
**Computing.**

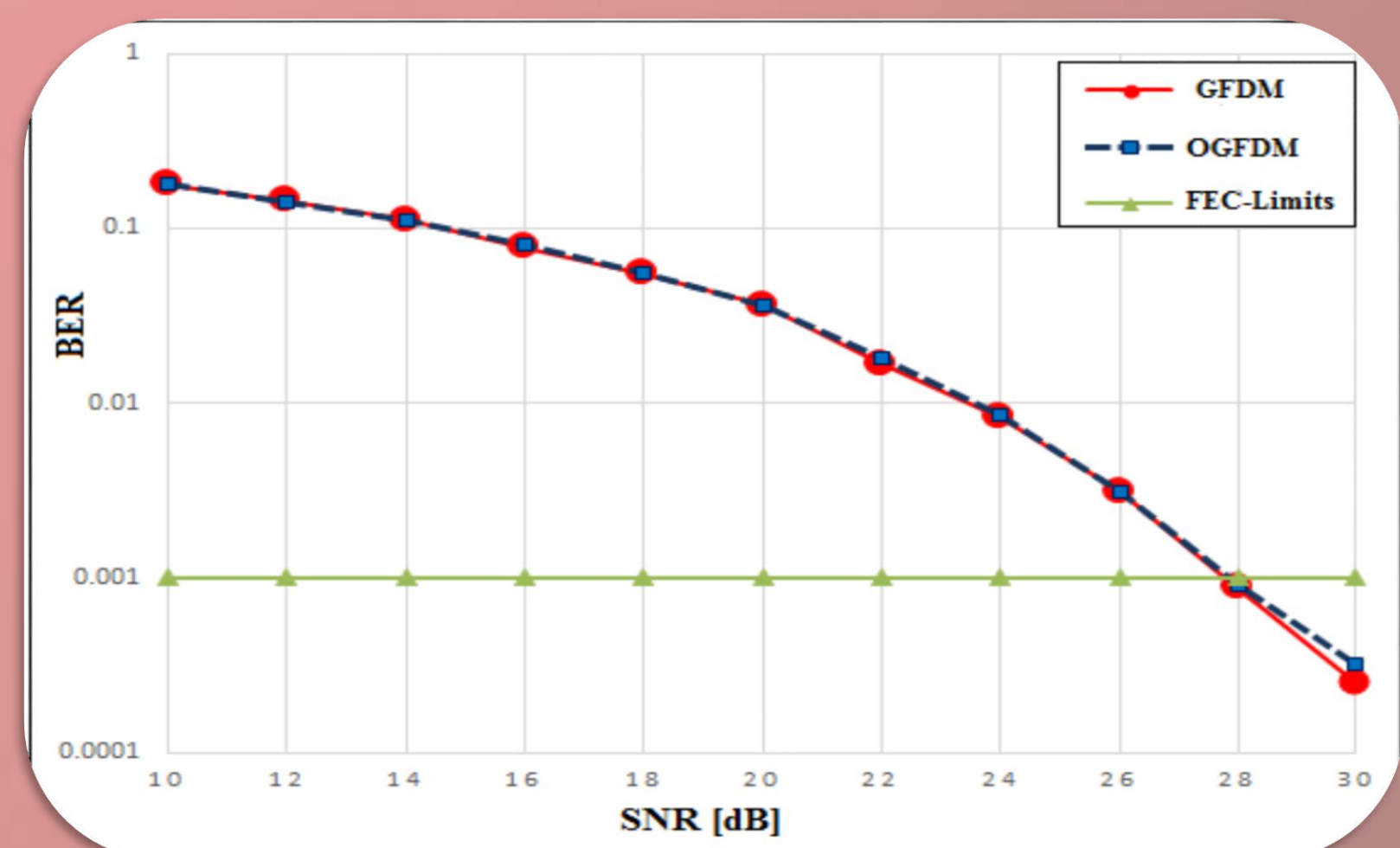


## Results



## Methodology

The (5G) candidate waveform, Orthogonal Generalized Frequency Division Multiplexing (OGFDM).



## Conclusion

So far, investigations in the field of BW efficiency is continuous by promoting filtering operation, increasing number of the utilized frequency carriers, and avoiding any probable interference among them.



## Aim & Objective

- Design & implement a new candidate waveform for the 5G of the mobile to increase the channel capacity of transmission.
- By improving the (BW) efficiency.