

Mobile Broadband and beyond

Gulnara Khasyanova Executive Director



New services and business models



IMT/5G radiointerfaces family



Maximizing Mobile Broadband

LTE evolution path



Average network throughput Russian MNO example



IoT everywhere – from LPWAN to URLLC







IMT/5G spectrum



C-band puzzle

FSS stagnation in C-band



5G interest in C-band





27 GHz race

Completion between 26 GHz and 28 GHz band plans



Difficulties to implement both band plans in a single radio



NR base station in 28 GHz





28 GHz smartphone prototype



Thank you for your attention!

