



Views on R17 works

CAICT

Trends for 5G evolution

- *Enhancements for 5G eMBB service*
 - Continue enhancements from R16
 - New items
- *Expand to vertical industry*
 - IIOT enhancements, V2X enhancements
 - New areas

Continue works from R16 for eMBB

- *MIMO enhancement*
 - FDD, Multi-carrier related enhancements
- *Power saving*
- *Positioning*
 - Meet the 5G positioning performance requirements [TS 22.161]
- *Small data enhancement for NR(RAN2-led)*
- *Intelligent network*
 - SON/MDT enhancement (RAN2/RAN3-led)
 - AI and its application: use case(s) is not clear

New items for eMBB

- *Multi-SIM enhancement(RAN2-led)*
- *Sidelink enhancement for non-V2X*
- *Support of diverse UE types for NR*
 - A study phase to identify the use cases and design requirements
- *Coverage enhancements*
 - Coverage extension for different scenarios
- *NR>52.6GHz*
- *Multicast/Broadcast*

Vertical extensions

- *V2X enhancement*
- *IIOT enhancement(include URLLC)*
- *Network Synchronization based on NR Signals*
- *Unmanned Aerial Vehicle*
- *NTN*

Thanks for your attention

