



**Principles of R17 package
—China Mobile**

Principles of R17 package

0 to 1

Technologies to exhibit NR specific capabilities/advantages and to extend NR specific services

C³

Technologies to meet **Clear and Concrete Commercial applications**

R³

Reserving Resources for urgent Requirements



R17 package list from CMCC perspective

0->1

NR Multicast Broadcast

Commercial use case. Focus on connected mode.
Coordination with SA WGs.

Air-To-Ground

The same mechanism for NTN can also be
considered for ATG

NR Light

The coverage performance of NR light UE should be
improved and not impact the existing network
deployment.

UDC

Important for commercial network

XR&5G

The XR traffic model should accommodate existing
network capability



R17 package list from CMCC perspective

C3

Enhancement of RAN slicing	UE dynamic support different slices
Data collection of NR	Leftovers of Rel-16, data collection for new R16 features and to enable AI
Power saving enhancement	Network energy saving need to be considered
Positioning enhancement	Positioning accuracy and mechanism need to be considered. Local LMF (Rel-16 SI) should be included in.
IAB enhancement	Mobile IAB need to be considered
IIoT and URLLC enhancement	Target to instead of industry ethernet
MIMO enhancement	SFN high speed scenario need to be considered



Thank you!

