**3GPP TSG-SA5 Meeting #144e S5-224134rev1**

**e-meeting 27 June - 1 July 2022**

**Source: China Unicom**

**Title: Add Key Issue on URLLC Performance measurements**

**Document for: Approval**

**Agenda Item: 6.8.3 Study on Management Aspects of URLLC**

# 1 Decision/action requested

***The group is asked to approve the proposal.***

# 2 References

[1] 3GPP TR 28.832 v0.2.0: “Management Aspects of URLLC”

# 3 Rationale

It was approved in SP-220146 to study the management aspects of URLLC and one of the objectives is to investigate performance measurements related to URLLC. In order to achieve the objective mentioned above, key issue on performance measurements related to URLLC is proposed in this contribution.

# 4 Detailed proposal

This contribution proposes to make the following changes in [1].

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| **1st Change** |

# 5 Issues Investigation and Potential Solutions

## 5.X Issue #X: Performance measurements related to URLLC

### 5.X.1 Description

URLLC is a set of service scenarios that require low-latency and ultra-reliability communications and have specific SLAs correspondingly. As a new service deployed in 5G, URLLC holds different characteristics from traditional eMBB service. As a result, the requirements for performance management of network providing URLLC service should be investigated and corresponding measurements and KPIs performed in RAN should be added accordingly.

For the network providing URLLC service, it is the radio network that mainly restricts the performance of the network. The requriements for performance managements is to evaluating whether the radio network is fullfil the SLA of the service. Therefore, from the perspective of management, it is necessary to investigate the performance management requirement for radio network providng URLLC service and defined new measurements accordingly.

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| **End of changes** |