**3GPP TSG-RAN WG3 Meeting #126 R3-247789**

Orlando, USA, 18th – 22th Oct 2024

Agenda Item: 11.4

Source: CMCC (Moderator)

Title: SoD of CB # AIRAN4\_SplitArch

Document for: Approval

# 1 Introduction

**CB: # AIRAN4\_SplitArch**

**- Check the open issues above and capture agreements if any**

(moderator - CMCC)

Summary of offline disc

Summary of offline disc [R3-247789](Inbox/R3-247789.zip)

# 2 Summary for chairman notes

During the discussion of Split Architecture use case, the following was captured in Chairlady’s note.

**How to define the measured EC over F1?**

Nok: EC of the DU

ZTE, CATT:Do not want to repeat the discussion

CMCC: How to guarantee the mapping rule between CU and DU

E///: The configuration effort for a gNB is the same no matter it is non-split or split

Transfer the EC index from DU to CU.

**Using the new introduced Data Collection Initiation and Update procedure to collect the UE performance over F1?**

Nok: Discuss the UE performance in the split architecture

# 3 Discussion

1. **How to define the measured EC over F1?**

* 1. split gNB’s Measured EC is the sum of EC of all the gNB-DU under it?
	2. mapping rule is provisioned only on gNB-DU or both gNB-CU and gNB-DU?
	3. Need a LS to SA5 to clarify the EC for non-split architecture?

2. **Using the new introduced Data Collection Initiation and Update procedure to collect the UE performance over F1?**

1. What kind of UE performance metric need to be transferred via F1?
2. Can we change this into agreement: **Using the new introduced Data Collection Initiation and Update procedure to collect the UE performance over F1?**

3. How to calculate UE performance metric:

1. Average Packet Loss DL
2. Average Delay DL
3. Average Delay UL