**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](file:///Users/suzy/Desktop/Inbox/R3-247789.zip)

# 2 Summary for chairman notes

Summary for Chair Notes:

**In split architecture, the Energy Cost of gNB is the sum of the Energy Cost of its gNB-DUs.**

**Mapping rule is only provisioned on gNB-DU and shall be unified for all the gNB-DUs within a defined area.**

**Agree to send LS R3-24xxxx to SA5 to clarify the EC for split gNB in this meeting.**

**Reflect the above agreements in TP to 38.473 (R3-24xxxx).**

# 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?

**In split architecture, the Energy Cost of gNB is the sum of the Energy Cost of its gNB-DUs.**

* 1. mapping rule is provisioned only on gNB-DU or both gNB-CU and gNB-DU?

SS: shall we consider the option2?

**Mapping rule is only provisioned on gNB-DU and shall be unified for all the gNB-DUs within a defined area.**

* 1. Need a LS to SA5 to clarify the EC for non-split architecture?

NOK:including the contents into LS: mapping rules only on DU, how to measure the energy consumption on gNB-DU?

**Agree to send LS to SA5 to clarify the EC for split gNB in this meeting.**

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?**

**Not Discussed.**

3. How to calculate UE performance metric:

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

**Not Discussed.**