3GPP TSG-RAN WG4 Meeting #111 draft R4-2410596(revised from R4-2407917)

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**Source:** Huawei

**Title:** draft TP to TR 38.769 skeleton for RF part

**Agenda Item:** 10.13. 1

**Document for:** Approval

# Introduction

At the RAN#102 meeting, the new study item on solutions for Ambient IoT was approved [1] and in RAN#103 the SID was revised [2]. The Skeleton for TR 38.769 [3] was endorsed in RAN1#116.

In this contribution, we provide the TR skeleton for RAN4 RF part.

# Reference

[1] RP-234058，New SID: Study on solutions for Ambient IoT (Internet of Things) in NR，Huawei，RAN#102, Dec., 2023

[2] RP-240826, Revised SID: Study on solutions for Ambient IoT (Internet of Things) in NR, CMCC, Huawei, T-Mobile USA, RAN #103, Mar. ,2024

[3] R1-2401795, Skeleton for TR 38.769 “Study on Solutions for Ambient IoT (Internet of Things)” v0.0.1, Huawei (TR editor), RAN 1#116, Feb. ,2024

# Text Proposal to TR 38.769

***------------Start of the Change-------------***

## 6.5 Coexistence of Ambient IoT and NR/LTE

*Editor’s note: Corresponds to the first RAN4 objective in the SID.*

6.5.1 Regulation consideration

6.5.2 Co-existence scenario

6.5.3 Co-existence evaluation assumptions

6.5.4 Co-existence evaluation methodology

6.5.5 Co-existence evaluation results

6.5.6 Summary of co-existence evaluation

## 6.6 RF requirements study

*Editor’s note: Corresponds to the second RAN4 objective in the SID.*

6.6.1 System parameters

6.6.2 Ambient IoT BS

6.6.3 Intermediate node (UE)

6.6.4 Ambient IoT Device

6.6.4.1 Device 1

6.6.4.2 Device 2a

6.6.4.3 Device 2b

## 6.7 Feasibility study

6.7.1 CW node in D1T1

6.7.2 CW node in D2T2

***------------End of the Change-------------***