**3GPP TSG-RAN WG3 Meeting #124 R3-24xxxx**

**Fukuoka, Japan, May 20- May 24, 2024**

**Title:** (TP for TR 38.769) Locating Ambient-IoT device

**Source:** CMCC, ZTE

**Agenda item:** 16.4

**Document for:** Discussion & Approval

# 1. Introduction

This contribution provides the TP for TR 38.769 on locating Ambient-IoT device based on online and offline discussion.

# 2. Text Proposal for TR 38.769

<<<<<<<<<<<<<<<<<<<< First Change >>>>>>>>>>>>>>>>>>>>

6.8 Locating Ambient IoT devices

Editor’s note: Proximity determination may be in a 6.8.x sub-clause, or another arrangement, depending on how the study proceeds.

6.8.1 General

There are two use cases for locating an AIoT device:

- Find an appropriate “reader” close to the A-IoT device;

- Find where the A-IoT device is.

Locating Ambient IoT device is supported at “reader” granularity.

Editor’s Note: It is FFS how to provide the location information to the A-IoT CN node and how to know the reader location.

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