**3GPP TSG-RAN WG4 Meeting # 109 R4-2321145**

**Chicago, America, November 13 – November 17, 2023**

**Title:** WF on [109][332] IoT\_NTN\_Demod

**Agenda Item:** 9.6.7

**Source:** MediaTek

**Document for:** Approval

# Introduction

This document is to capture all agreements for [109][332] IoT\_NTN\_Demod in RAN4#109.

# Topic #1: Work Plan

**Issue 1: Work plan**

* Agreement:

|  |
| --- |
| **UE Demodulation performance part (36.102)**   * **November, 2023 (RAN4#109)**   + Approve the work plan.   + Discuss UE demodulation requirements for IoT-NTN enhancement.   + Discuss simulation assumptions. * **February 2024 (RAN4#110)**   + Continue discussion on UE demodulation requirements for IoT-NTN enhancement.   + Agree on simulation assumptions.   + Discuss possible work split for the CR work, if needed. * **April 2024 (RAN4#110bis)**   + Collect the simulation results.   + Provide CR/Draft CR based on work split and discuss CRs/Draft CRs. * **May 2024 (RAN4#111)**   + Update simulation assumptions if necessary.   + Finalize CRs and close the performance part. |

# Topic #2: UE Demodulation requirements for IoT-NTN enhancement

**Issue 2-1: Whether to define PDSCH requirements with HARQ disabled?**

* Agreement:
  + Continue the discussion in the next meeting.

# Topic #3: SAN demodulation requirements for IoT-NTN enhancement

**Issue 3-1: Whether to define PUSCH requirements with HARQ disabled**

* Agreement:
  + Do not define PUSCH requirements with HARQ disabled.