3GPP TSG-RAN WG4 Meeting # 111 R4-2410295

Fukuoka, JP, 20 May – 24 May 2024

**Agenda item:** 8.3.5

**Source:** Moderator (MediaTek inc.)

**Title:** WF on R18 IoT NTN enhancement RRM requirements

**Document for:** Approval

# Introduction

This document is to capture all agreements in email thread [111][227] IoT\_NTN\_enh

# RRM core

### Sub-Topic 1-1: Time-based measurement initiation in IDLE mode

#### Issue 1-1-1: Serving cell measurement before *t-service*

**Agreement:** no specification change is needed.

#### Issue 1-1-2: Measurement on inter-frequency neighbor cells associated to the same satellite

No agreement

#### Issue 1-1-3: Cell re-selection with the longest “expected serving time” before *t-service*

No agreement

#### Issue 1-1-4: Cell reselection when *t-service* is reached

**Agreement:** no specification change is needed.

### Sub-Topic 1-2: Measurements with GNSS-MGs

#### Issue 1-2-1: Measurements with GNSS-MGs and eDRX

No agreement

# Reference

1. R4-2408024, Topic summary for [111][227] IoT\_NTN\_enh, Moderator (MediaTek inc.), 2024.05.