3GPP TSG-RAN WG3 Meeting #129 R3-255878

Bengaluru, India, 25th - 29th Aug, 2025

**Title:** (TP to BLCR for TS 38.473) Discussion on Low-power wake-up signal and receiver for NR

**Source:** Huawei, Nokia, ZTE Corporation, Qualcomm

**Agenda item:** 18.2

**Document Type:** Other

# 1. Introduction

This contribution provides the TP on the LP-WUS assistance information for TS 38.473.

# 2. TP to BLCR for TS 38.473 against R3-255088

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#### 9.3.1.aaa LP-WUSPS Assistance Information

This IE provides the LP-WUS Paging Subgrouping information related to CN assigned subgrouping for a particular UE, as specified in TS 38.304 [24].

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description |
| LP-WUS CN Subgroup ID | M |  | INTEGER (0..30, …) |  |

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###

### 9.4.5 Information Element Definitions

-- ASN1START

-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

--

-- Information Element Definitions

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-- \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

F1AP-IEs {

itu-t (0) identified-organization (4) etsi (0) mobileDomain (0)

ngran-access (22) modules (3) f1ap (3) version1 (1) f1ap-IEs (2) }

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CHOtrigger-IntraDU ::= ENUMERATED {

 cho-initiation,

 cho-replace,

 cho-cancel,

 ...

}

CNSubgroupID ::= INTEGER (0..7, ...)

CNSubgroupID-LP-WUS ::= INTEGER (0..30, ...)

CNUEPagingIdentity ::= CHOICE {

 fiveG-S-TMSI BIT STRING (SIZE(48)),

 choice-extension ProtocolIE-SingleContainer { { CNUEPagingIdentity-ExtIEs } }

}

CNUEPagingIdentity-ExtIEs F1AP-PROTOCOL-IES ::= {

 ...

}

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