**3GPP TSG-RAN WG4 Meeting #113 draftR4-2420474**

**Orlando, US, 18-22 Nov, 2024**

**Title:** WF on PRD structure for MSD

**Agenda Item:** 9.1.1.1

**Source:** Skyworks

**Document for:** Approval

# 1. Background

The PRD clause 5.5 on MSD [1] is currently empty. Some comments were provided online to the initial skeleton structure proposals of [2]. This WF invites companies to provide their views on ensuring the RAN4 PRD MSD clause structure is future proof.

# 2. WF on PRD structure for MSD

**Agreement:**

* **Companies are invited to check the following structure proposal for the RAN4 PRD clause 5 on MSD guidelines [2].**

5.1 Intra-band CA

5.1.1: 1 UL CC

5.1.2: 2 UL CCs

5.2 Inter-band CA

5.2.1 Two DL band

5.2.1.1 One UL band

5.2.1.1.1 One UL CC

5.2.1.1.2 Two UL CCs

5.2.1.2 Two UL bands

5.2.1.2.1 One UL CC in each band

5.2.1.2.2 One UL CC in one band and two UL CCs in the other band

5.2.2 Three DL bands

5.2.2.1 Two UL bands

5.2.2.1.1 One UL CC in each band

5.2.2.1.2 One UL CC in one band and two UL CCs in the other band

* **Other level numbering scheme(s) and other views on grouping or expanding the structure are not precluded.**
* **Proposals should ensure the structure is future proof.**

# 3. References

1. 3GPP RAN4 Permanent Reference Document (PRD) Rules, guidelines and ways of working for introduction of band combinations in NR and LTE (Release 19 and later releases, v0.1.0.
2. R4-2419725 Input to PRD clause 5.5 and TP on rules for harmonic MSD, 3GPP TSG-RAN WG4 Meeting #113, Skyworks Solutions, Inc.