**3GPP TSG-RAN4 Meeting #111 R4-24xxxxx**

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

**Agenda item:**  7.4.5

**Source:** OPPO

**Title:** WF on improvement of SCG activation requirements for FR1-FR1 NR-DC

**Document for:** Approval

#### **Issue 1-4: RACH-based PSCell activation delay**

FFS: If the PSCell is an unknown FR1 or FR2 PSCell configured with bfd-and-RLM with value true, provided **[**neither BFD nor RLF**]** has occurred, if Es/Iot ≥ -2 dB then for FR2 Tsearch = [12]\* Trs ms and Tsearch = [1]\* Trs ms for FR1.

* FFS: Discuss conditions for reduced Tsearch at PSCell activation, when the UE is configured with bfd-and-RLM.

#### **Issue 1-5: PSCell activation delay and PSCell DRX:**

FFS:

* Option 1:
  + UE PDCCH monitoring requirement in the newly activated PSCell is ambiguous.
  + UE shall start monitoring PDCCH on the activated PSCell immediately after the SCG activation delay.
  + Send LS to RAN2 clarifying PDCCH monitoring assumption with RAN2.