**3GPP TSG-RAN WG4 Meeting #104-e draft R4-2214455**

**<Electronic Meeting>, 15 ‒ 26 August, 2022**

**Title:** WF on beam refinement assumptions in RRC\_INACTIVE and initial access

**Agenda Item:** 11.7.4

**Source: Nokia**

**Document for:** Approval

# Sub-topic 1: UE beam type and DRX implications in Rel-18 Inactive Beam Correspondence

**Way forward/Agreement:**

* The UE need not indicate support of BC without UL beam sweeping in inactive and IA. The usability of this capability is not clear at this point

**Way forward/FFS:**

* FFS: How beam refinement may work in RRC\_INACTIVE (RA-SDT and CG-SDT) and initial access
* FFS: Discuss the impact of fine beam vs rough beam for UE UL Tx beam on the test(s)
* FFS: Discuss if the refinement is the same as Rel-16 SSB only case
* FFS: Whether the peak EIRP the same as Rel-16 SSB only case achieved.
* FFS: Discuss DRX implications on UE beam refinement and on BC accuracy

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| Company | Agree/Disagree, include justification |
| Qualcomm | Perhaps the agreement can be reworded to something like ‘The network presumes UE does not depend on UL beam sweeping functionality for beam correspondence in inactive or idle mode’ |
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