**3GPP TSG-RAN WG4 Meeting # 100-e R4-210####**

**Electronic Meeting, August 16-27, 2021**

**Agenda item:** 6.1.7

**Source:** Intel

**Title:** WF on R16 NR RRM Enhancements

**Document for:** Approval

### Sub-topic 1-1 Mandatory gap pattern signaling

**Issue 1-1: Whether to keep 1 bit signalling for NR only measurement gap patten in LTE SA, EN-DC and NE-DC**

* Agreements: (please companies check if following bullet is agreeable or not. If not, I will change back to all options)
  + Yes.

### Sub-topic 1-2 Test case design of mandatory gap pattern

**Issue 2-1: Test case design of mandatory gap pattern for Rel-16**

* Option 1(Nokia, Ericsson):
  + For both FR1 and FR2, R15 test cases on mandatory gap patterns shall be inherited completely to R16 specifications, and R16 UEs shall pass all test cases.
* Option 2 (Apple, Qualcomm, OPPO):
  + For FR1 test:
    - UE capable of per-FR gap and GP#4 needs to pass both A.6.6.2.1 and A.6.6.2.9.
    - UE not capable of either per-FR gap or GP#4 needs to pass A.6.6.2.9 and is allowed to skip A.6.6.2.1
  + For FR2 test:
    - If the UE can pass A.7.6.2.9, it is allowed to skip A.7.6.2.1.