3GPP TSG-RAN WG4 Meeting #112 draft R4-241XXXX

Maastricht, Netherlands, August 19 – 23, 2024

**Title:** Way Forward for RAN task on HPUE with 1UL and DL CA

**Agenda Item:** 10.2

**Source:** Qualcomm Inc.

**Document for:** Approval

# Way forward

Agreements:

To enable UE to support higher power class than default power class with DL CAwith single configured UL carrier when HPUE requirements for the band combination have not been specified:

* Reference sensitivity requirements for the band combination are verified with UE output power limited to default power class output power
  + This approach is specific for the case under RAN task and de-coupled from MSD discussion under other WIs
* UE is allowed to indicate higher power class than explicitly enabled and specified for single configured UL carrier with DL CA configuration
  + Default power class requirements for the DL CA configuration and single carrier higher power class requirements for the UL band must exists in specification
* It is optional for UE to support higher than default power class