**Proposed agreement**

* For DL multi-stream evaluations, a UE is declared as a satisfied UE if each stream meets the PER and PDB requirements, i.e., more than a certain percentage of packets are successfully transmitted within a given air interface PDB.

**Proposed agreement**

For Option 2 (video + audio/data) of evaluation of DL two streams that is an optional evaluation scenario, the audio/data flow is modelled as follows:

* A stream aggregating streams of audio and data
  + Periodicity: 10ms
  + Data rate: 0.756 Mbps/s or 1.12 Mbps
  + Packet size: determined by periodicity and data rate
  + PDB: 30ms (baseline). Other values can be optionally evaluated.
  + PER: 1% (baseline). Other values can be optionally evaluated.

**Proposed agreement**

For evaluation of separate streams of I-frame and P-frame that is an optional evaluation scenario,

* The main objective of evaluating this option is to study the impact on capacity from different PDB and PER values for I-frame and P-frame. It is not intended to directly compare capacity results (i.e., capacity numbers) for cases with two-stream modelling and those for cases with single-stream modelling.
* Alpha value: 2.0. Other values, e.g., 1.5 or 3.0 can be optionally evaluated
* [PER\_I, PER\_P, PDB\_I, PDB\_P]
  + Alternative 1: define a limited number of common study cases in addition to a reference case
    - For DL
      * Reference case:
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1 %, 10ms, 10ms] for AR/VR
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1 %, 15ms, 15ms] for CG
      * Common study case
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [0.5 %, 5 %, 17ms, 9ms] for AR/VR
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [0.5 %, 5 %, 20ms, 14ms] for CG
      * Other cases, i.e., other values of [PER\_I, PER\_P, PDB\_I, PDB\_P] can be evaluated.
    - For UL AR aggregating streams of scene, video, data, and audio
      * Reference case:
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1 %, 30ms, 30ms]
      * Common study case
        + [PER\_I, PER\_P, PDB\_I, PDB\_P] = [0.5 %, 5 %, 40ms, 27ms]
      * Other cases, i.e., other values of [PER\_I, PER\_P, PDB\_I, PDB\_P] can be evaluated.
  + Alternative 2: List a full set of cases from which a company can choose cases to evaluate on their own. For instance,
    - For DL
      * AR/VR
        + Case 1: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1%, 1%, 10ms, 10ms]
        + Case 2: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [0.5%, 5%, 10ms, 10ms]
        + Case 3: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1%, 17ms, 9ms]
        + Case 4: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 5%, 10ms, 10ms]
        + Case 5: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1%, 17ms, 10ms]
        + Case 6: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 5%, 17ms, 10ms]
        + …
      * CG
        + PER\_I, PER\_P: same as PER\_I, PER\_P of AR/VR, respectively
        + PDB\_I, PDB\_P: 5ms longer than PDB\_I, PDB\_P of AR/VR, respectively
        + …
    - For UL AR aggregating streams of scene, video, data, and audio
      * AR/VR
        + Case 1: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1%, 1%, 30ms, 30ms]
        + Case 2: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [0.5%, 5%, 30ms, 30ms]
        + Case 3: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1%, 40ms, 27ms]
        + Case 4: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 5%, 30ms, 30ms]
        + Case 5: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 1%, 40ms, 30ms]
        + Case 6: [PER\_I, PER\_P, PDB\_I, PDB\_P] = [1 %, 5%, 40ms, 30ms]
        + …
  + Alternative 3: No definition of a set of values of [PER\_I, PER\_P, PDB\_I, PDB\_P] to be evaluated. Instead, it is left to companies which values to be evaluated.