**Proposal 1-1 (round V):**

* In periodic-based partial sensing,
* For the set of *P*reserve values, down-select to one of the following in RAN1#105-e
  + - Alt.1: *P*reserve corresponds to all values from the configured set *sl-ResourceReservePeriodList*
    - Alt.2: A set of *P*reserve values is (pre-)configured and includes up to the full set of values from the configured set *sl-ResourceReservePeriodList*
      * FFS if support multiple sets of *P*reserve values based on one or more metrics (e.g. priority, CBR, HARQ error rate, traffic type, etc.)
    - ~~Alt.3: A set of~~ *~~P~~*~~reserve~~ ~~values is (pre-)configured and includes common multiple(s) of values from the configured set~~ *~~sl-ResourceReservePeriodList~~*
      * ~~FFS if support multiple sets of~~ *~~P~~*~~reserve~~ ~~values based on one or more metrics (e.g. priority, CBR, HARQ error rate, traffic type, etc.)~~
    - ~~Alt.4: Multiple sets of~~ *~~P~~*~~reserve~~ ~~values based on transmission priority~~
* For the k value, down-select to one of the following in RAN1#105-e
  + - Alt.1: Only the most recent sensing occasion for a given reservation periodicity before the resource (re)selection trigger or the first slot of the set of Y candidate slots subject to processing time restriction
    - Alt.2: k is (pre-)configured, including multiple values with at least k=1. If the corresponding ~~the most recent~~ sensing occasion for a given reservation periodicity and a k value is located after ~~before~~ the resource (re)selection trigger or the first slot of the set of Y candidate slots subject to processing time restriction, the most recent sensing occasion before the resource (re)selection trigger or the first slot of the set of Y candidate slots subject to processing time restriction shall be monitored by the UE.
      * FFS how to (pre-)configure (e.g. including bitmap), whether a maximum number of k values is needed, and whether it can be up to UE implementation to select a k value from the (pre-)configuration
    - ~~Alt.3: k is from a (pre-)configured bitmap, as in LTE-V~~
  + Note: companies are encouraged to provide more evaluations
  + FFS: whether ~~sensing should be performed for~~ periodic sensing occasions located between the resource (re)selection triggering and the first slot of the set of Y candidate slots subject to processing time restriction are monitored by the UE for identification of candidate resources within the set of Y candidate slots.
    - Note: this does not cover resource (re)selection trigger by re-evaluation and pre-emption checking

**Proposal 1-2 (round V):**

* ~~In periodic-based partial sensing,~~
  + ~~At least for periodic transmissions, the set is initialized to the set of all the candidate single-slot resources within the selected set of Y candidate resource slots.~~
  + ~~FFS the definition of set in the case of re-evaluation and pre-emption checking.~~
* ~~FFS if the set of should be restricted by the a set of Y candidate slots within the resource selection window for aperiodic transmissions in a resource pool with reservation for another TB enabled.~~
  + ~~Note: companies are encouraged to provide evaluation results~~
* **FFS how periodic-based partial sensing process can be applied when resource (re)selection is triggered for PSCCH/PSSCH transmission without enabled reservation for another TB**

**Proposal 2-1 (round IV):**

* Periodic-based partial sensing is performed by UE in a mode 2 Tx resource pool provided by higher layer when at least the followings are met:
  + Periodic reservation for another TB (*sl-MultiReserveResource*) is enabled for the resource pool
  + The resource pool is (pre-)configured to enable partial sensing
  + UE is configured to perform partial sensing by higher layer
  + ~~UE is triggered to performs resource (re)selection procedure at least for periodic transmission (i.e., resource reservation interval )~~
    - ~~FFS the case(s) when UE is triggered to perform resource (re)selection procedure for aperiodic transmission~~
  + FFS whether and how to deal with the initial period(s) in ~~periodic/aperiodic~~ PSCCH/PSSCH transmission with and without enabled reservation for another TB where the UE have insufficient sensing results~~, e.g.,~~
    - ~~whether a TX UE is able to know in advance / expect a resource (re)selection will be triggered in slot n for early sensing,~~
    - ~~performing random resource selection or contiguous partial sensing,~~
    - ~~dropping transmission(s),~~
    - ~~up to UE implementation to handle this case, or~~
    - ~~etc~~

**Proposal 2-2 (round IV):**

* In a resource pool (pre-)configured with at least partial sensing, at least when the reservation for another TB (when carried in SCI) is enabled for the resource pool, (and if pre-emption checking is (pre-)configured in the resource pool), resource exclusion based on at least periodic-based partial sensing is ~~also~~ performed by UE for the purpose of re-evaluation (and pre-emption checking) ~~(if pre-emption is enabled for the resource pool)~~.
  + This is subject to other conditions, if agreed, in which the UE performs periodic-based partial sensing
  + FFS details

**Proposal 2-3 (round IV):**

* FFS whether UE performing periodic-based partial sensing and/or contiguous partial sensing is further conditioned by one or more of the followings
  + When the priority value of a packet is above a threshold
  + When the congestion/interference level in a resource pool is above a threshold and/or below another threshold
  + When the required reliability level of a packet transmission is above a threshold
  + When the number of received HARQ NACKs or HARQ error rate of a TB is above a threshold
  + When the number of retransmissions of a packet is below a threshold
  + When the PDB/remaining PDB/latency requirement is above a threshold
  + When the available resource ratio in a resource selection window from a sensing process is above a threshold and/or below another threshold
  + When the traffic is periodic and/or aperiodic
  + When the UE has packet to transmit
  + Other conditions are not precluded

**Proposed conclusion (round III):**

* Further study the ~~issue~~ case of random resource selection (e.g., random selection for low priority transmission) by UE ~~without PSSCH reception~~ does not perform sensing in a resource pool (pre-)configured with mixed RA schemes.

**Proposed conclusion (round II):**

* Further study the followings for power saving [with low priority]:
  + Support or further study mixed blind and HARQ-feedback based retransmissions
  + Restriction/rule for the minimum distance between consecutive blind (re-)transmission for UEs performing random resource selection
  + [Restriction/rule for the maximum distance between any two resources indicated by a single SCI for UE performing partial sensing]
  + [Dependency of minimum number of candidate slots Y for partial sensing on priority level]
  + [Adaptation b/w partial sensing/ random resource selection and full sensing]