**3GPP TSG RAN Meeting #105 RP-24xxxx**

**Melbourne, Australia, September 9-12, 2024**

**Title: Moderator's summary on offline discussion about non-RAN2 aspects on REL-19 WI NR\_AIML\_Air Motivation**

**Source: Moderator (RAN1 vice-chair, CMCC)**

**Document for:** **Discussion and Decision**

**Agenda item:** **9.3.1.3**

1. Proposals for discussion

* For CSI compression(two-sided model),
* Option 1: With Assumption of no normative for it, to extend the CSI compression study objective in RAN1 one more quarter.
* Option 2: Extend the CSI compression study objective till the end of R19.
* Option 3: Stop it
* For CSI prediction (one-sided model),
* Option 1: Move CSI prediction to normative phase with well-defined scope to focus on
* LCM leveraged from other use cases
* Consistency of training/inference,
* RAN4 requirements
* Option 2: No normative work.
* Model transfer/delivery [RAN2/RAN1],
* To extend the Model identification one more quarter [/till the end of R19].
* For second priority issues
* Option 1: Keep it as it is, leave it to WGs to treat them.
* Option 2: remove all the second priority issues.
* Testability and interoperability [RAN4],
* Extend the testability and interoperability study objective one more quarter
* Beam management OTA test setup.
* Involve RAN5 in this project.

1. Offline output

Offline proposal 1

Conclusion

* For CSI compression(two-sided model),
* Extend the CSI compression study objective till the end of R19.
* Note: single company is not fine with it.

Offline proposal 2

Conclusion (need to update the WID)

* For CSI prediction (one-sided model),
* Move CSI prediction to normative phase to focus on
* Functionality-based LCM leveraged from other use cases, when necessary and applicable,
* Study, and if necessary, specify consistency of training/inference,
* RAN4 requirements (additional TU is expected).
* Note: Normative work in RAN1 for CSI prediction will start from Q1 of 2025

Offline proposal 3

Conclusion

* Testability and interoperability [RAN4],
* Extend the testability and interoperability study objective till the end of R19.
* Beam management OTA test setup.
  + Continue the study in AI/ML work item, including test setup and methodology, which is part of RAN4 core requirements related objectives
  + Remove the check point from FR2 OTA study item

Offline proposal 4

Conclusion

* For Model identification, transfer/delivery [RAN2/RAN1],
* To extend the study of Model identification for two-sided model till the end of R19.
* To extend the study of Model transfer/delivery till the end of R19.

Offline proposal 5

Conclusion

* For second priority issues of positioning
* RAN1 will not discuss any proposals targeting second priority issues in Q4, 2024.

Offline proposal 6 (need online check)

For how to involve RAN5,

Conclusion

* Option 1: Involve RAN5 in this item, and update the WID by adding RAN5 as secondary WG for related objectives
* Option 2: Modify the objective related to RAN5 to “RAN5 study aspects related to testability and interoperability to be addressed ~~on a request basis”~~