**3GPP T****SG-RAN WG4 Meeting # 97-e R4-2017488**

**Electronic Meeting, 2-13 Nov., 2020**

**Source: Nokia, Nokia Shanghai Bell**

**Title: WF on test setup and test environments**

**Agenda item: 7.4.3.1**

**Document for: Approval**

1. Introduction

This way forward captures the agreements and options for discussion points from go to webinar session for email discussion thread [309] during first round of RAN4#97-e. Further discussion was still arranged for 2nd round which was captured in R4-2017616. The final content of this document includes the agreements from both 1st and 2nd round discussions.

1. Way forward
* Using BS test structure to generate the test set-up including test configurations, test models, RF channels
* Test linkage between TE and DUT (IAB-MT) need to be further discussed including what’s the basis information needed, and which part can be left open to implementation.
	+ Left up to implementation on how L1/L2 is configured for testing
* TS descriptions of environments shall not mandate specific equipment and therefore allow flexibility in connection setup
* As a baseline for further work, it is assumed that IAB-MT measurements take place in the same environment as IAB-DU measurements
* Test equipment MU needs to be considered. Considering this, RAN4 targets to define a common ~~MU~~testing framework for IAB-DU and IAB-MT.
	+ also other impacts to MU due to TE selection can be further discussed.
* Environmental conditions (temperature, humidity etc.) are defined for IAB-MT and IAB-DU aligned with what is specified for base stations.
	+ It is not mandated that related declared values for IAB-DU and IAB-MT are exactly the same.