**3GPP TSG-RAN4 Meeting #108bis R4-2316893**

**Xiamen, China October 09 – October 13 2023**

**Agenda item:** 5.13.4

**Source:** ZTE

**Title:** WF on ATG BS conformance testing

**Document for:** Approval

**Issue 1-1:**  **The test signals for type1-C, 1-H and 1-O.**

**Agreement online:**

* **The test signals for type1-C, 1-H and 1-O in TS 38.141-1 and 38.141-2 could be reused by ATG BS.**

**Issue 1-2:** **Test configuration for ATG BS single carrier in TS38.141-1.**

* Proposal: Set two options to describe the test configuration of ATG BS.
	+ Option 1: Select the carrier to be tested and place it adjacent to the lower Base Station RF Bandwidth edge. Place the same signal adjacent to the upper Base Station RF Bandwidth edge.
	+ Option 2: Select the carrier to be tested and place it adjacent to the lower or higher Base Station RF Bandwidth edge.

**WF: No need to define new test configuration.**

**Issue 1-3: Test Model for ATG BS in TS38.141-1.**

* Proposals: All the test models, except for the following test models in 38.141-1 could be reused for ATG BS.
	+ FR1 test model 2b (NR-FR1-TM2b),
	+ FR1 test model 3.1b (NR-FR1-TM3.1b), and
	+ NB-IoT operation in NR in-band test model (NR-N-TM).

**WF:**

* **Except the 3 listed test models in the above proposal, to reuse all the other test modes.**
* **For the 3 listed test models:**
* **Ok to remove the third one.**
* **FFS on the first two.**

**Issue 1-4: Test tolerance for ATG BS types 1-C, 1-H and 1-O.**

**Agreement online:**

* **For ATG BS conductive and OTA conformance RF requirements test, to adopt the same test tolerance for TN BS conductive and OTA RF requirements conformance test, respectively.**

**Issue 1-5: Test requirements for ATG BS TAE**

**Agreement online:**

* **There are no TAE test requirements for ATG BS.**