



GTI

Beijing, China

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3GPP RAN5

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**Subject: LS on GTI first input to the 5G/NR UE Conformance Test Work Item**

Global TD-LTE Initiative was founded in 2011 and has been dedicated to constructing a robust ecosystem of TD-LTE, speeding up the commercialization of TD-LTE and promoting the convergence of LTE TDD and FDD. Today it consists of members globally including wireless network operators, chipset/device manufacturers and test vendors. GTI 2.0 program was officially launched during the GTI summit 2016 held in February at the Mobile World Congress in Barcelona, aiming to continue to promote the global development of TD-LTE, to encourage convergence with FDD and to foster a cross-industry innovative and a synergistic 5G ecosystem.

For the 5G activities, GTI have initiated a number of programs to address the 5G technology and ecosystem development globally. One of the key aspects is defining the test requirements and test strategy covering the different stages of the 5G technology development and service roll out.

GTI would like to thank 3GPP RAN5 for introducing a new work item for 5G 5G/NR UE Conformance Test Work Item (WI) at RAN5#75 meeting in May-2017. This is a key component in the overall test requirements and strategy for GTI. For this reason, GTI would like to work closely with RAN5 to assist in the development of the 5G/NR conformance tests to ensure that it meets the industry needs.

As a first input, GTI would like to inform RAN5 that a number of its operator members plan to launch commercial 5G services in 2019/2020 especially at sub-6GHz. In addition to getting the network infrastructure ready, it is equally important to have conformant devices available. From GTI perspective, it is important for the key parts of the conformance test specifications to be available from RAN5 before the end of 2018 so that conformance testing can start from early 2019.

GTI looks forward to working with RAN5 to complete the conformance test work item successfully. And it would be appreciated if RAN5 could inform GTI about the progress of 5G UE test specifications frequently.

**Date of Next GTI Meetings:**

GTI Workshop #20

Sep/Oct, 2017(TBD)

TBD

**Reference**

[1] R5-172927 "New work item proposal: UE Conformance Test Aspects – 5G/NR"