Global TD-LTE Initiative
Liaison Statement to 3GPP

Title: GTI Liaison Statement to 3GPP RAN-4

Source: GTI

To: 3GPP RAN-4 Chair

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1. About the GTI

Global TD-LTE Initiative (GTI) is an open platform to advocate cooperation among global operators to promote the development of TD-LTE and converged LTE TDD/FDD. It was kicked off in February 2011 by Bhati Airtel, China Mobile, Sprint (Clearwire), SoftBank Mobile, and Vodafone. By the end of May 2015, the GTI has 120 global operator members and 104 partners. The GTI has set up 5 Working Groups, including Spectrum, Network, Terminal, 3.5GHz and Business & Service to solve essential technical and business issues and facilitate the development of LTE TDD/FDD.

2. Intention of the LS and required actions

GTI appreciates 3GPP support to our initial liason communication on May 2015 by starting a SID on the subject power class 2 UE for TDD LTE band 41, and is encouraged by the good progress to date.

To further evaluate the status of the industry on the band 41 power class 2 UE, GTI organized a special session on this topic as part of its 14th workshop held in Budapest, October 12-13th 2015. As part of this activity, three top UE RF components vendors (i.e. Skyworks, Qorvo, Avago) publicly declared their support for such a feature and demonstrated through real measurements with their current products, that power class 2 UE on band 41 is a feasable shipping product within the next twelve months. GTI is extremely enouraged by those findings; they indicate the readiness of the industry to support band 41 power class 2 UE, pending final approval by 3GPP.

As some of those GTI partners are not members of 3GPP, we believe that it will be beneficial for 3GPP to become aware of technological advancements on this area by including those presentations as part of this liason letter.

GTI is kindly requesting that 3GPP expedites the study process of the band 41 power class 2 UE and moves quickly to a work item. The Class 2 UE for Band 41 is a feature that is very important to enhancing system coverage for TDD LTE operators.